

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF022625\  
 Data File : BF141781.D  
 Acq On : 26 Feb 2025 14:24  
 Operator : RC/JU  
 Sample : PB166875BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**  
 BNA\_F  
**ClientSampleId :**  
 PB166875BS

**Manual Integrations**  
**APPROVED**  
 Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

Quant Time: Feb 26 14:49:23 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020625.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 06 16:58:59 2025  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
<b>Internal Standards</b>							
1) 1,4-Dichlorobenzene-d4	6.781	152	82911	20.000	ng	-0.01	
21) Naphthalene-d8	8.063	136	323947	20.000	ng	-0.01	
39) Acenaphthene-d10	9.816	164	182265	20.000	ng	-0.02	
64) Phenanthrene-d10	11.304	188	312748	20.000	ng	-0.01	
76) Chrysene-d12	13.945	240	195301	20.000	ng	-0.02	
86) Perylene-d12	15.386	264	182516	20.000	ng	-0.03	
<b>System Monitoring Compounds</b>							
5) 2-Fluorophenol	5.416	112	673219	127.297	ng	0.00	
7) Phenol-d6	6.428	99	807007	120.732	ng	-0.01	
23) Nitrobenzene-d5	7.345	82	524750	84.489	ng	-0.02	
42) 2,4,6-Tribromophenol	10.610	330	237563	129.750	ng	-0.02	
45) 2-Fluorobiphenyl	9.139	172	1043412	88.197	ng	-0.01	
79) Terphenyl-d14	12.886	244	1182445	102.210	ng	-0.02	
<b>Target Compounds</b>							
2) 1,4-Dioxane	2.569	88	85137	39.998	ng		Qvalue 94
3) Pyridine	3.304	79	192879	38.080	ng		91
4) n-Nitrosodimethylamine	3.252	42	112190	33.451	ng		82
6) Aniline	6.445	93	200731	32.014	ng	#	74
8) 2-Chlorophenol	6.575	128	239459	41.904	ng		97
9) Benzaldehyde	6.334	77	92138	25.939	ng		95
10) Phenol	6.445	94	279580	40.186	ng		96
11) bis(2-Chloroethyl)ether	6.516	93	217324	41.589	ng		98
12) 1,3-Dichlorobenzene	6.722	146	251217	41.641	ng		96
13) 1,4-Dichlorobenzene	6.798	146	258861	41.996	ng		98
14) 1,2-Dichlorobenzene	6.951	146	243027	42.481	ng		99
15) Benzyl Alcohol	6.934	79	201589	39.328	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	326181	36.465	ng		61
17) 2-Methylphenol	7.051	107	181224	40.525	ng		94
18) Hexachloroethane	7.287	117	93620	41.040	ng		98
19) n-Nitroso-di-n-propyla...	7.198	70	162962	40.758	ng		93
20) 3+4-Methylphenols	7.204	107	242346	42.643	ng	#	76
22) Acetophenone	7.192	105	367081	45.553	ng	#	90
24) Nitrobenzene	7.369	77	241755	39.918	ng		97
25) Isophorone	7.604	82	434291	43.854	ng		98
26) 2-Nitrophenol	7.681	139	131467	43.631	ng		92
27) 2,4-Dimethylphenol	7.728	122	192467	54.678	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	269950	42.541	ng		100
29) 2,4-Dichlorophenol	7.934	162	202781	42.637	ng		99
30) 1,2,4-Trichlorobenzene	8.004	180	217604	42.015	ng		99
31) Naphthalene	8.087	128	684325	40.582	ng		100
32) Benzoic acid	7.869	122	129768	35.492	ng		97
33) 4-Chloroaniline	8.139	127	104944	17.825	ng		96
34) Hexachlorobutadiene	8.198	225	132425	42.591	ng		99
35) Caprolactam	8.510	113	68121m	47.043	ng		
36) 4-Chloro-3-methylphenol	8.634	107	215925	40.986	ng		98
37) 2-Methylnaphthalene	8.775	142	444714	40.528	ng		100
38) 1-Methylnaphthalene	8.875	142	432503	40.696	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	244851	46.434	ng		99
41) Hexachlorocyclopentadiene	8.928	237	203682	116.131	ng		97
43) 2,4,6-Trichlorophenol	9.063	196	138890	40.753	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	151169	40.927	ng	98
46) 1,1'-Biphenyl	9.239	154	645996	45.716	ng	99
47) 2-Chloronaphthalene	9.263	162	439898	42.099	ng	99
48) 2-Nitroaniline	9.369	65	137317	39.158	ng	92
49) Acenaphthylene	9.681	152	672129	43.246	ng	99
50) Dimethylphthalate	9.539	163	525415	42.463	ng	100
51) 2,6-Dinitrotoluene	9.610	165	116118	42.928	ng	92
52) Acenaphthene	9.851	154	418861	40.087	ng	99
53) 3-Nitroaniline	9.781	138	69124	23.743	ng	96
54) 2,4-Dinitrophenol	9.898	184	125363	77.981	ng	88
55) Dibenzofuran	10.022	168	607142	39.587	ng	98
56) 4-Nitrophenol	9.963	139	146206	67.651	ng	91
57) 2,4-Dinitrotoluene	10.016	165	154036	42.777	ng	98
58) Fluorene	10.363	166	494621	41.710	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	127291	40.029	ng	94
60) Diethylphthalate	10.239	149	506014	41.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	242441	42.497	ng	97
62) 4-Nitroaniline	10.398	138	114185	38.626	ng	93
63) Azobenzene	10.516	77	468726	38.729	ng	94
65) 4,6-Dinitro-2-methylph...	10.428	198	83764	38.556	ng	92
66) n-Nitrosodiphenylamine	10.475	169	433486	43.299	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	151048	43.214	ng	100
68) Hexachlorobenzene	10.916	284	159239	44.242	ng	96
69) Atrazine	11.010	200	166968	55.593	ng	98
70) Pentachlorophenol	11.116	266	154762	67.245	ng	99
71) Phenanthrene	11.327	178	730566	42.437	ng	100
72) Anthracene	11.380	178	759498	43.887	ng	100
73) Carbazole	11.539	167	646297	41.505	ng	100
74) Di-n-butylphthalate	11.863	149	793310	44.122	ng	99
75) Fluoranthene	12.516	202	752428	41.225	ng	100
77) Benzidine	12.639	184	208167	48.330	ng	100
78) Pyrene	12.745	202	749905	45.106	ng	100
80) Butylbenzylphthalate	13.357	149	285374	49.557	ng	99
81) Benzo(a)anthracene	13.933	228	573656	44.187	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	116620	31.359	ng	99
83) Chrysene	13.968	228	514777	42.944	ng	99
84) Bis(2-ethylhexyl)phtha...	13.916	149	367049	56.515	ng	99
85) Di-n-octyl phthalate	14.527	149	533634	57.595	ng	96
87) Indeno(1,2,3-cd)pyrene	16.827	276	526450	46.682	ng	99
88) Benzo(b)fluoranthene	14.968	252	460075	37.542	ng	99
89) Benzo(k)fluoranthene	14.998	252	458283	43.793	ng	99
90) Benzo(a)pyrene	15.327	252	439422	44.313	ng	99
91) Dibenzo(a,h)anthracene	16.839	278	426778	46.704	ng	99
92) Benzo(g,h,i)perylene	17.256	276	404443	42.294	ng	99

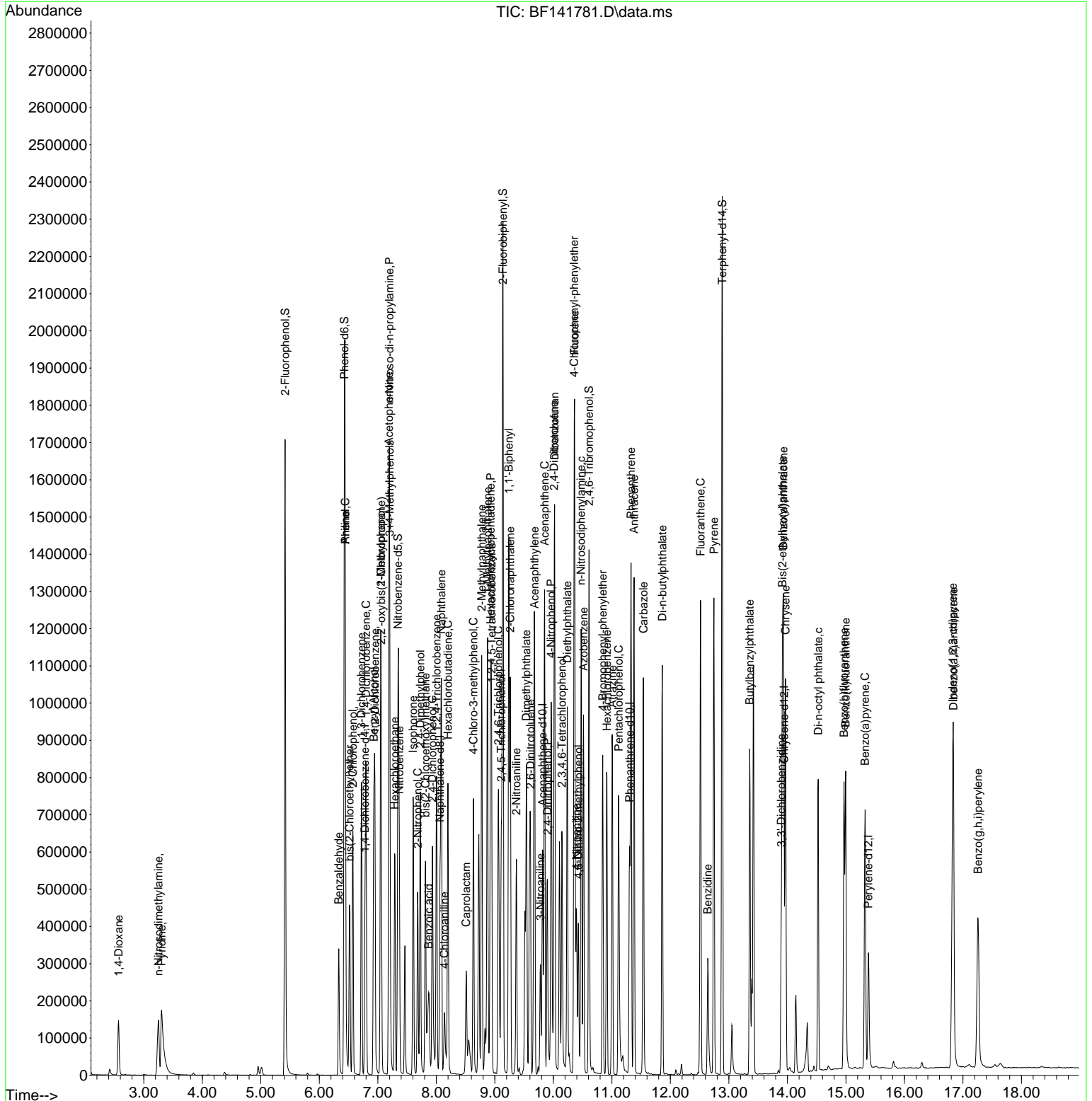
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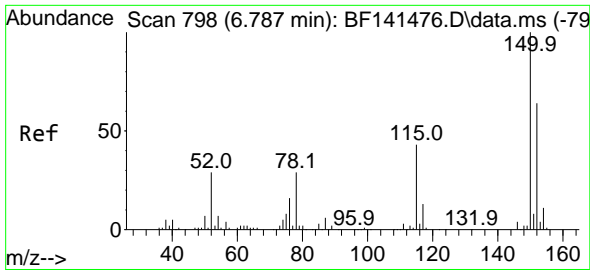
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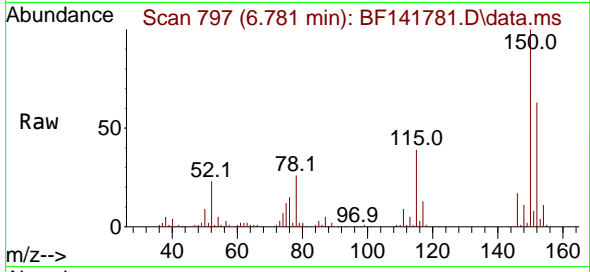
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.781 min Scan# 798  
 Delta R.T. -0.011 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

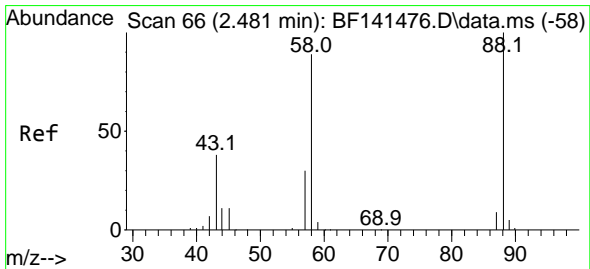
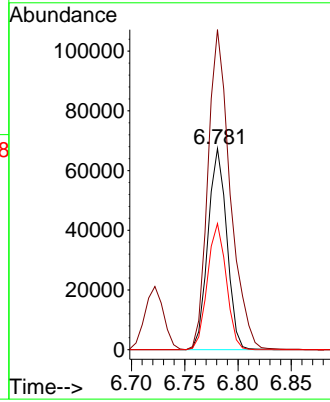
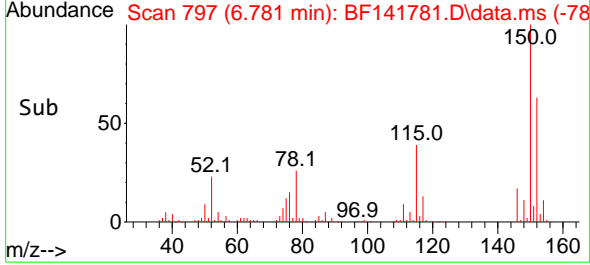


Tgt Ion: 152 Resp: 8291  
 Ion Ratio Lower Upper  
 152 100  
 150 159.1 125.0 187.4  
 115 62.7 53.6 80.4

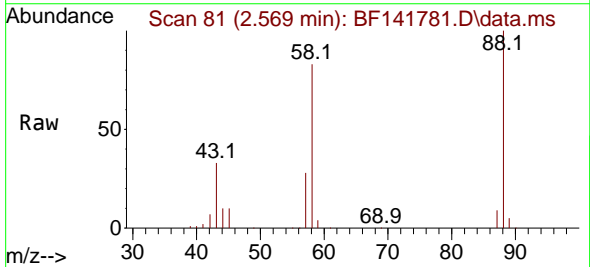
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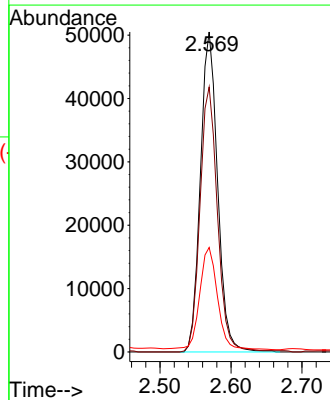
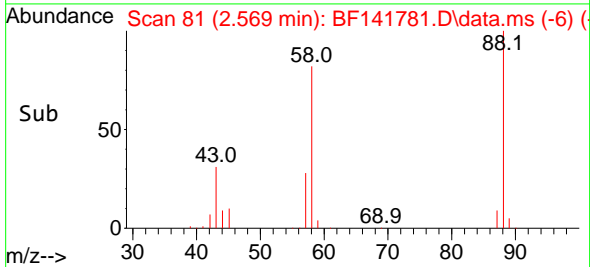
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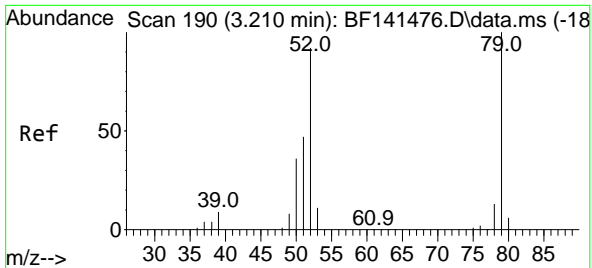


#2  
 1,4-Dioxane  
 Concen: 39.998 ng  
 RT: 2.569 min Scan# 81  
 Delta R.T. 0.088 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



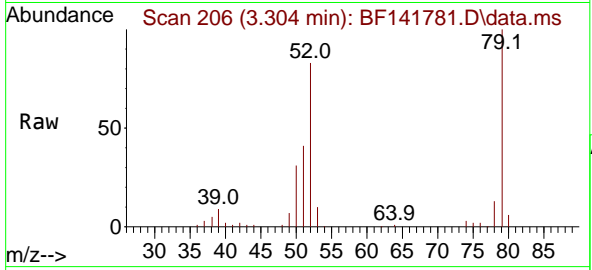
Tgt Ion: 88 Resp: 85137  
 Ion Ratio Lower Upper  
 88 100  
 58 84.1 71.1 106.7  
 43 33.3 30.6 46.0





#3  
 Pyridine  
 Concen: 38.080 ng  
 RT: 3.304 min Scan# 206  
 Delta R.T. 0.088 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

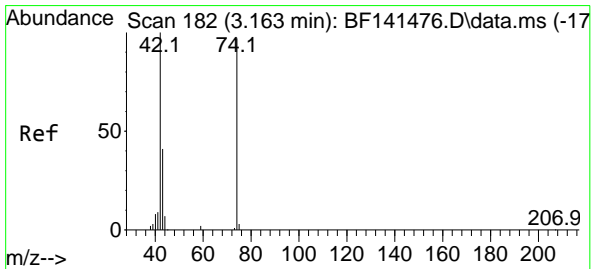
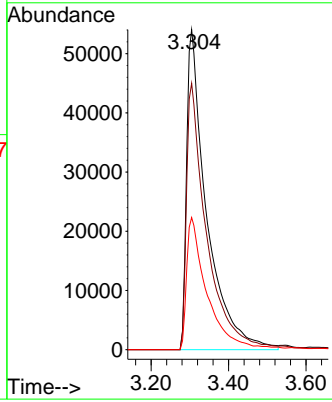
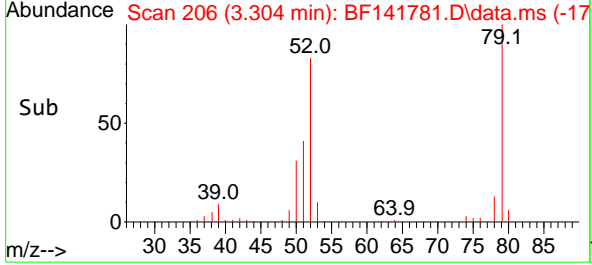
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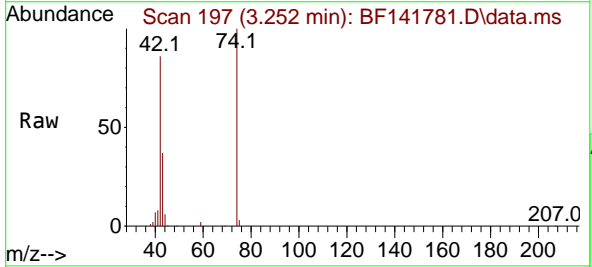
Tgt Ion: 79 Resp: 192879  
 Ion Ratio Lower Upper  
 79 100  
 52 83.2 73.7 110.5  
 51 41.3 37.5 56.3

Manual Integrations  
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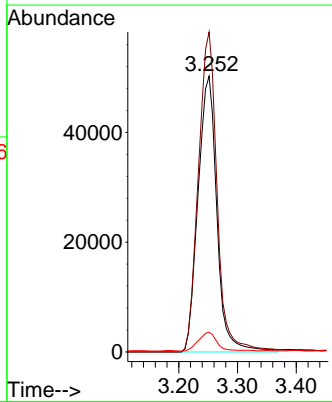
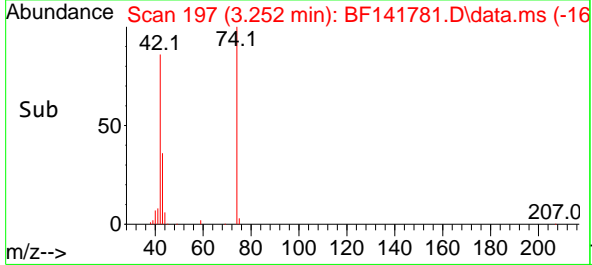
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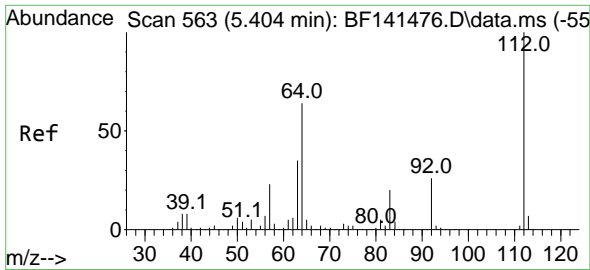


#4  
 n-Nitrosodimethylamine  
 Concen: 33.451 ng  
 RT: 3.252 min Scan# 197  
 Delta R.T. 0.065 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion: 42 Resp: 112190  
 Ion Ratio Lower Upper  
 42 100  
 74 116.0 78.0 117.0  
 44 7.2 5.4 8.2





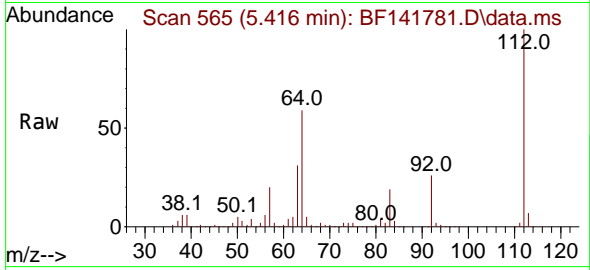
#5  
 2-Fluorophenol  
 Concen: 127.297 ng  
 RT: 5.416 min Scan# 50  
 Delta R.T. 0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

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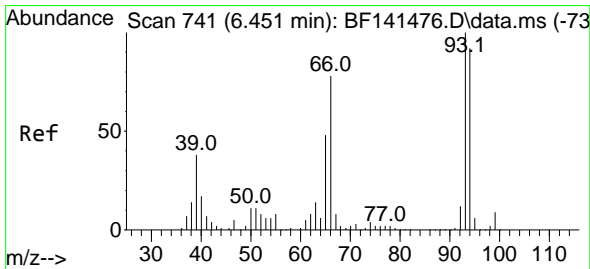
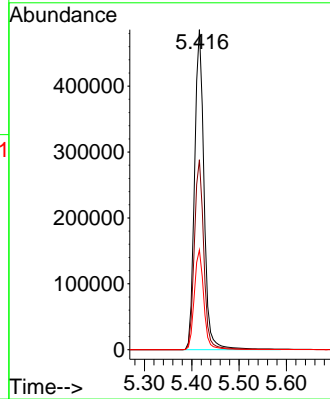
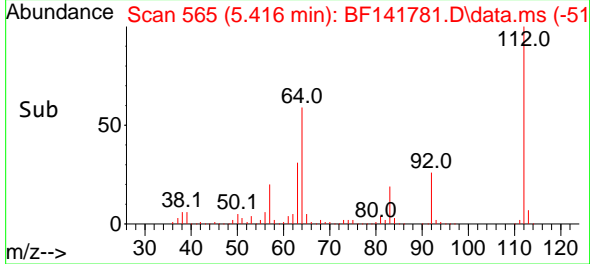


Tgt Ion: 112 Resp: 673219  
 Ion Ratio Lower Upper  
 112 100  
 64 59.3 51.1 76.7  
 63 31.1 28.4 42.6

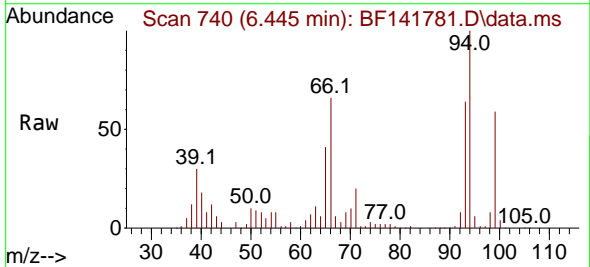
Manual Integrations

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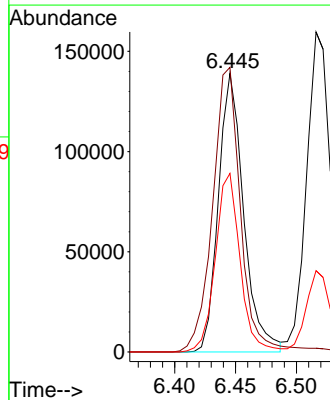
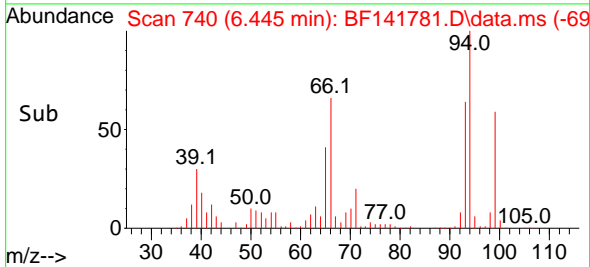
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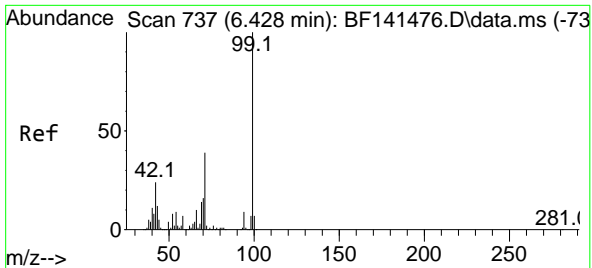


#6  
 Aniline  
 Concen: 32.014 ng  
 RT: 6.445 min Scan# 740  
 Delta R.T. -0.018 min  
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Tgt Ion: 93 Resp: 200731  
 Ion Ratio Lower Upper  
 93 100  
 66 102.2 62.6 94.0#  
 65 64.1 38.3 57.5#





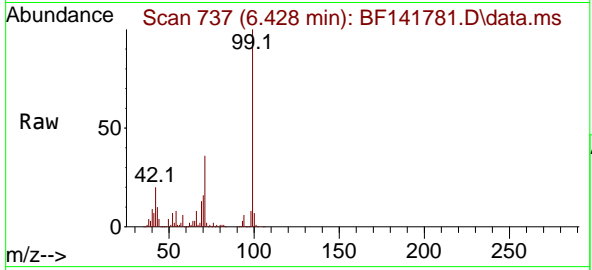
#7  
 Phenol-d6  
 Concen: 120.732 ng  
 RT: 6.428 min Scan# 71  
 Delta R.T. -0.012 min  
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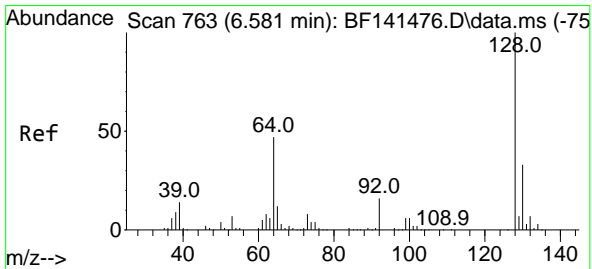
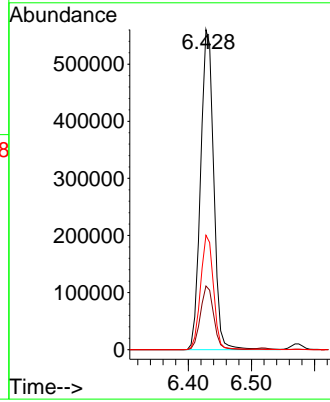
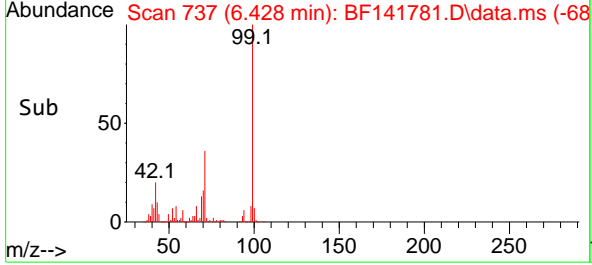


Tgt Ion: 99 Resp: 80700  
 Ion Ratio Lower Upper  
 99 100  
 42 19.9 19.1 28.7  
 71 35.7 31.1 46.7

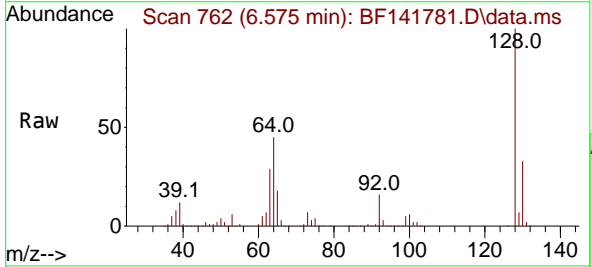
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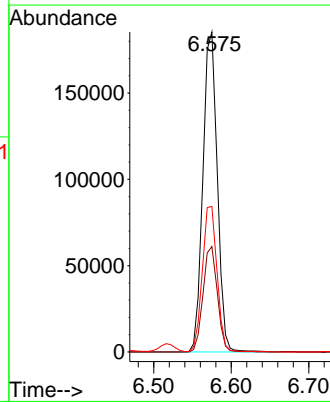
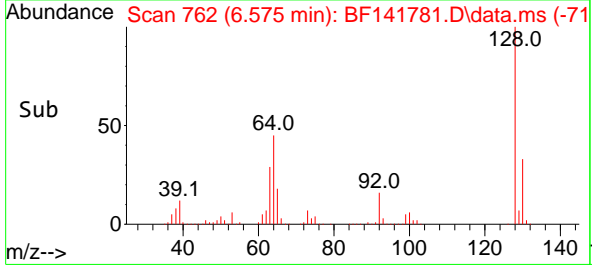
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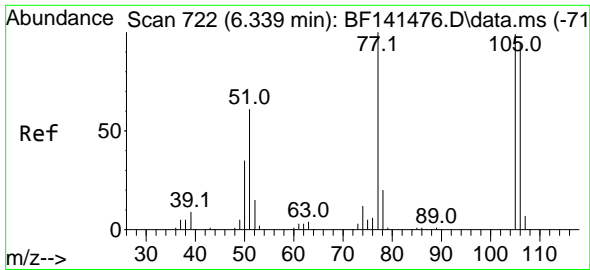


#8  
 2-Chlorophenol  
 Concen: 41.904 ng  
 RT: 6.575 min Scan# 762  
 Delta R.T. -0.012 min  
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Tgt Ion:128 Resp: 239459  
 Ion Ratio Lower Upper  
 128 100  
 130 33.0 12.7 52.7  
 64 45.5 28.3 68.3





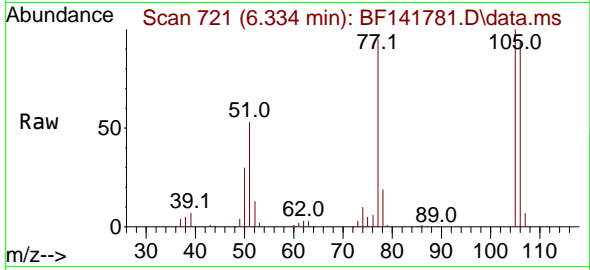
#9  
Benzaldehyde  
Concen: 25.939 ng  
RT: 6.334 min Scan# 71  
Delta R.T. -0.006 min  
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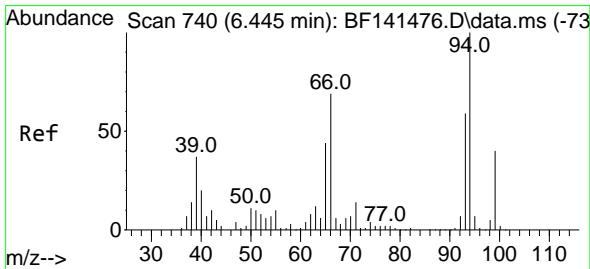
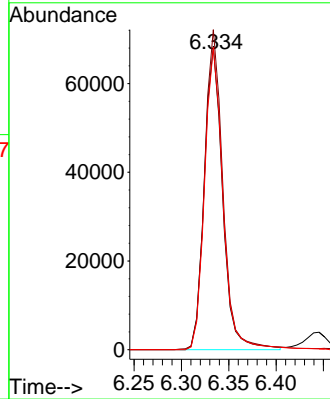
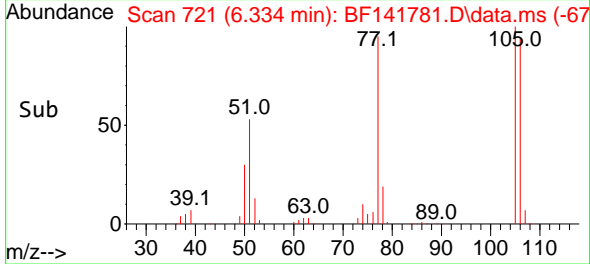


Tgt Ion: 77 Resp: 92138  
Ion Ratio Lower Upper  
77 100  
105 105.5 79.4 119.4  
106 99.6 75.1 115.1

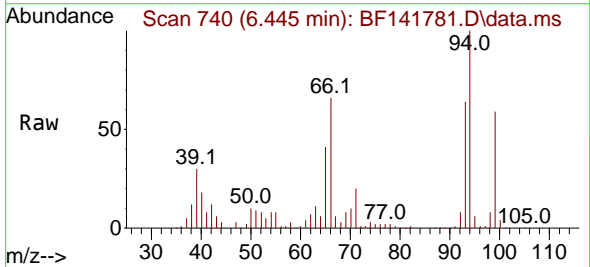
Manual Integrations

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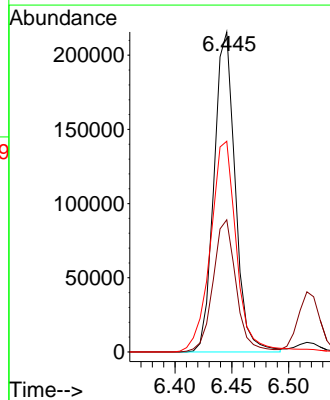
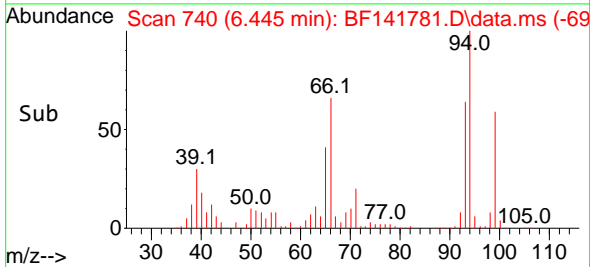
Reviewed By :Anahy Claudio 02/27/2025  
Supervised By :Jagrut Upadhyay 02/27/2025



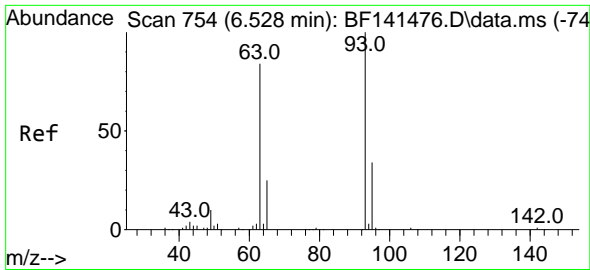
#10  
Phenol  
Concen: 40.186 ng  
RT: 6.445 min Scan# 740  
Delta R.T. -0.012 min  
Lab File: BF141781.D  
Acq: 26 Feb 2025 14:24



Tgt Ion: 94 Resp: 279580  
Ion Ratio Lower Upper  
94 100  
65 41.3 23.7 63.7  
66 65.8 49.3 89.3

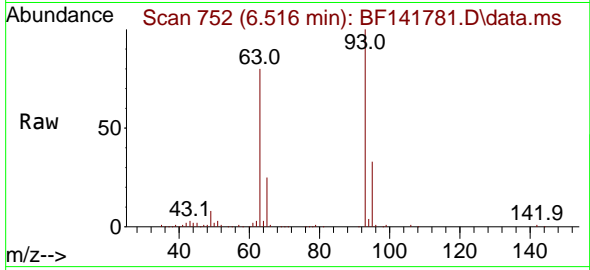






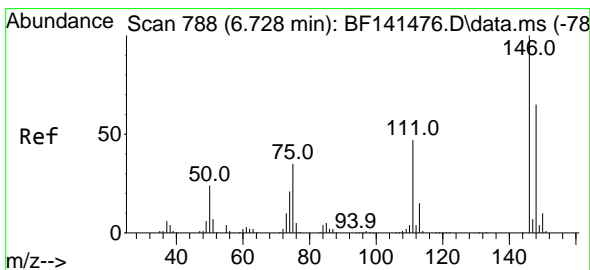
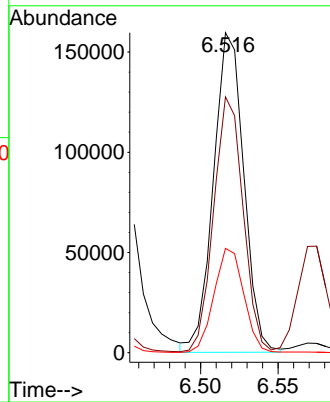
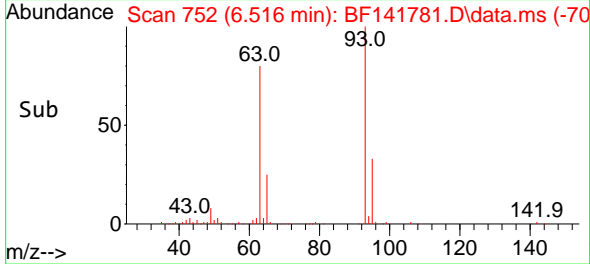
#11  
 bis(2-Chloroethyl)ether  
 Concen: 41.589 ng  
 RT: 6.516 min Scan# 711  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument : BNA\_F  
 Client Sample Id : PB166875BS

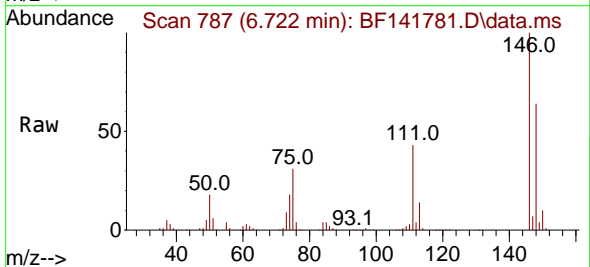


Tgt Ion: 93 Resp: 217324  
 Ion Ratio Lower Upper  
 93 100  
 63 79.9 62.0 102.0  
 95 32.6 12.6 52.6

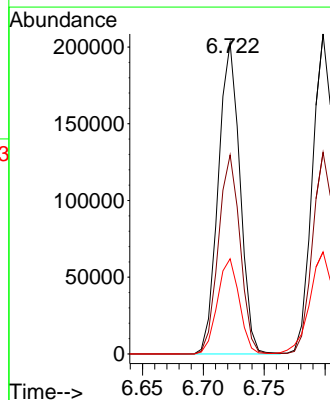
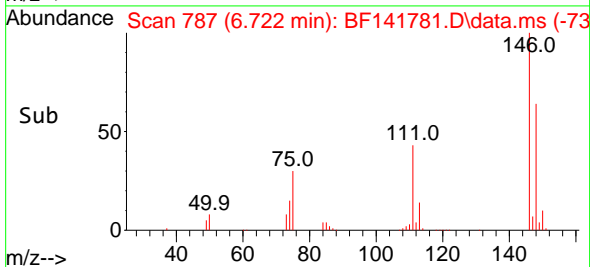
Manual Integrations  
**APPROVED**  
 Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

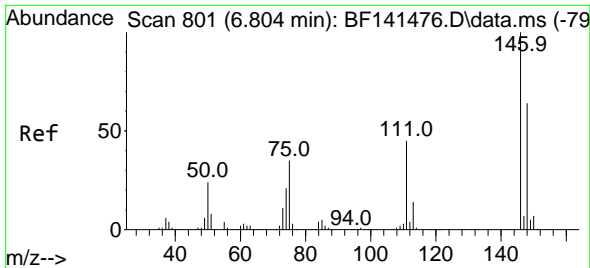


#12  
 1,3-Dichlorobenzene  
 Concen: 41.641 ng  
 RT: 6.722 min Scan# 787  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:146 Resp: 251217  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 51.9 77.9  
 75 30.6 28.2 42.2





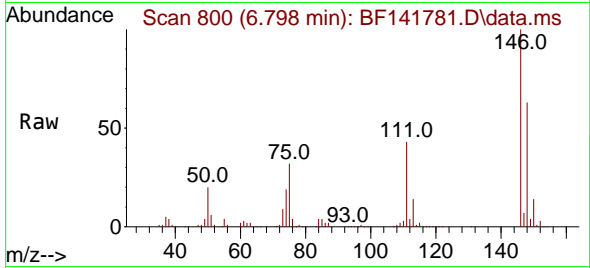
#13  
 1,4-Dichlorobenzene  
 Concen: 41.996 ng  
 RT: 6.798 min Scan# 801  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

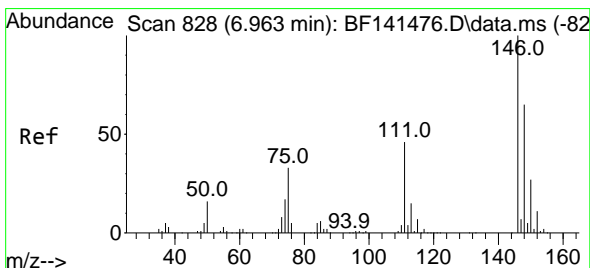
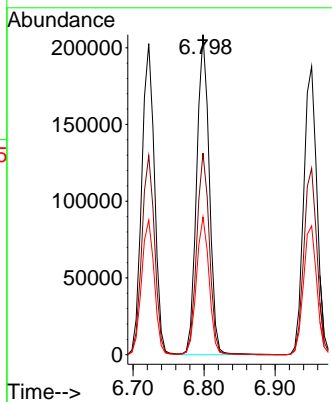
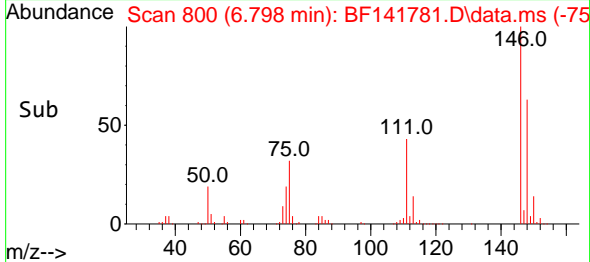


Tgt Ion:146 Resp: 25886  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 50.9 76.3  
 111 43.0 35.9 53.9

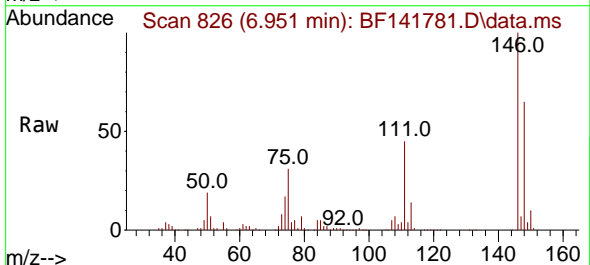
Manual Integrations

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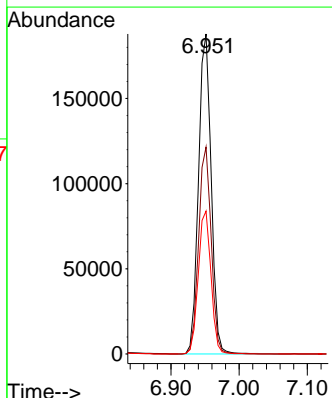
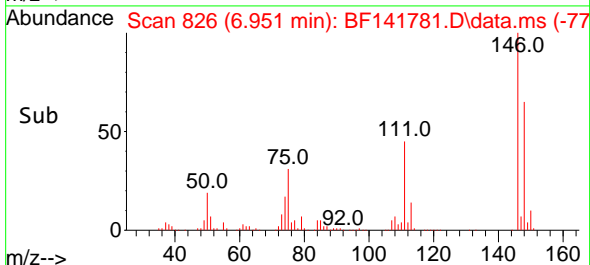
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

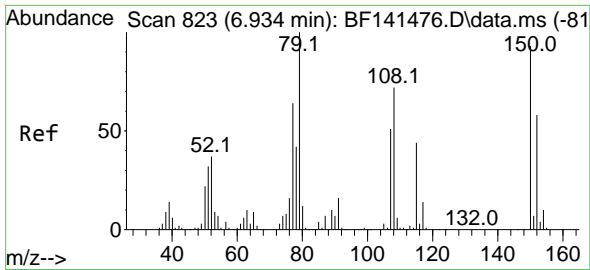


#14  
 1,2-Dichlorobenzene  
 Concen: 42.481 ng  
 RT: 6.951 min Scan# 826  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:146 Resp: 243027  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 51.8 77.6  
 111 44.7 37.0 55.4





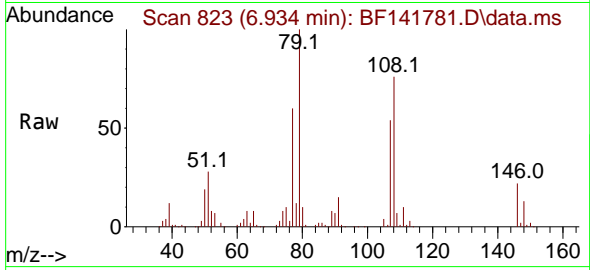
#15  
 Benzyl Alcohol  
 Concen: 39.328 ng  
 RT: 6.934 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

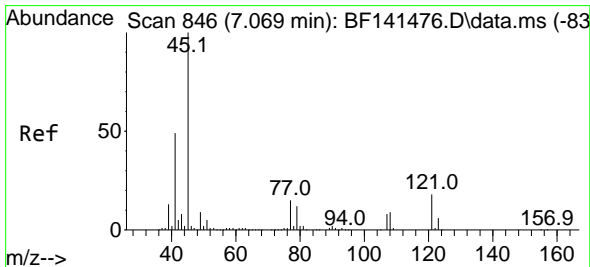
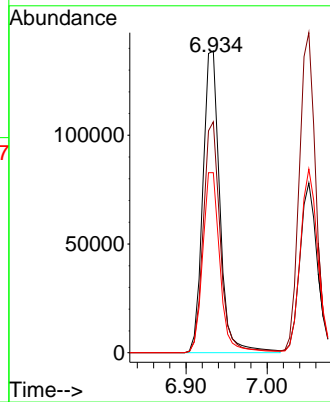
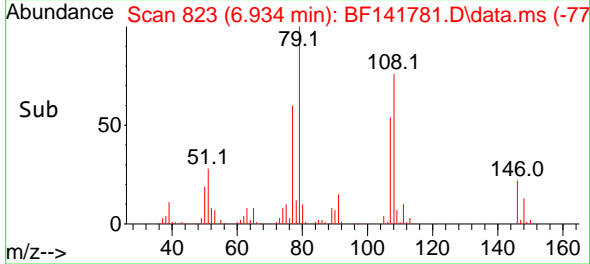


Tgt Ion: 79 Resp: 201589  
 Ion Ratio Lower Upper  
 79 100  
 108 76.5 57.4 86.2  
 77 59.7 50.9 76.3

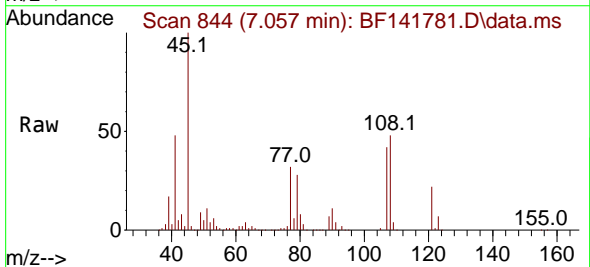
Manual Integrations

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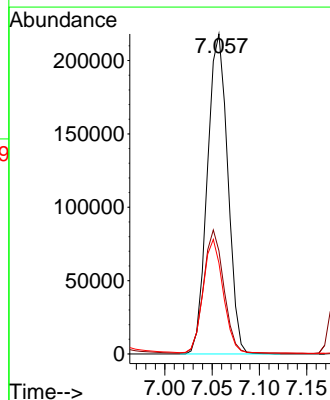
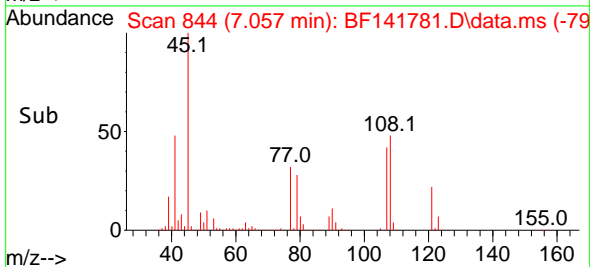
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

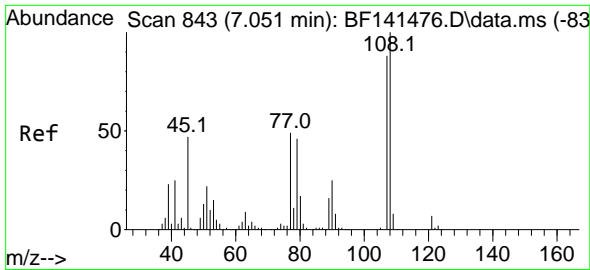


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 36.465 ng  
 RT: 7.057 min Scan# 844  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion: 45 Resp: 326181  
 Ion Ratio Lower Upper  
 45 100  
 77 32.2 0.0 35.8  
 79 28.5 0.0 32.7





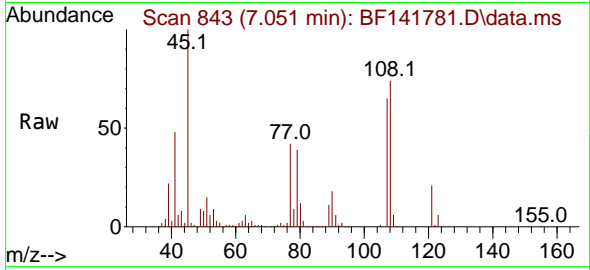
#17  
 2-Methylphenol  
 Concen: 40.525 ng  
 RT: 7.051 min Scan# 843  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

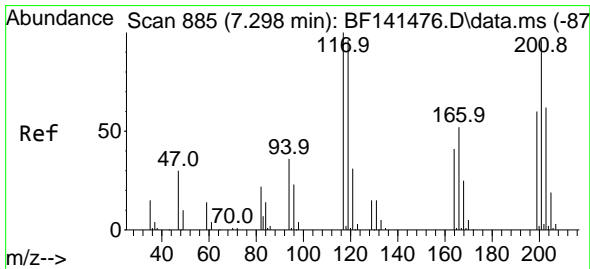
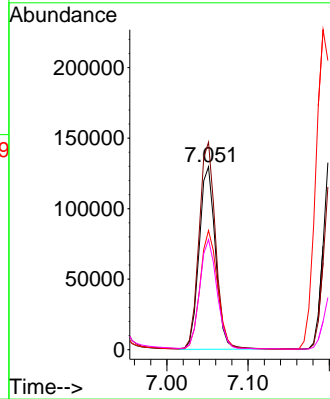
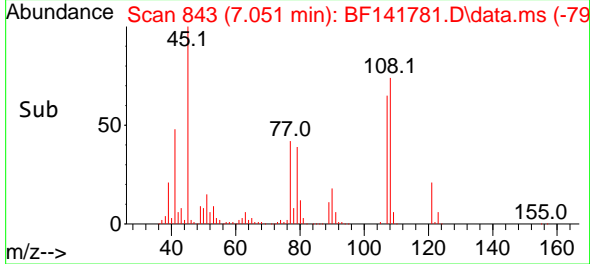


Tgt Ion:107 Resp: 181224  
 Ion Ratio Lower Upper  
 107 100  
 108 113.5 90.6 136.0  
 77 65.2 44.4 66.6  
 79 60.2 42.3 63.5

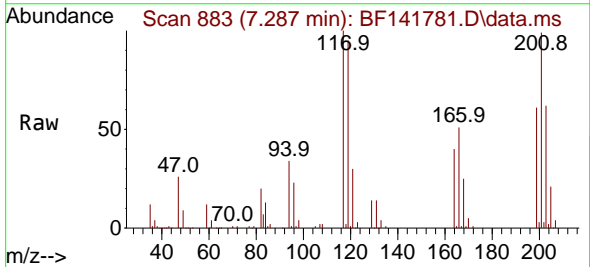
Manual Integrations

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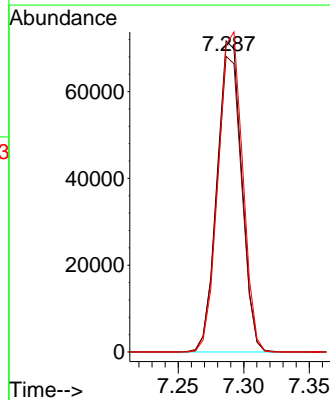
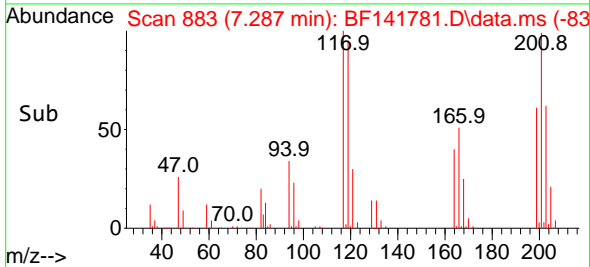
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

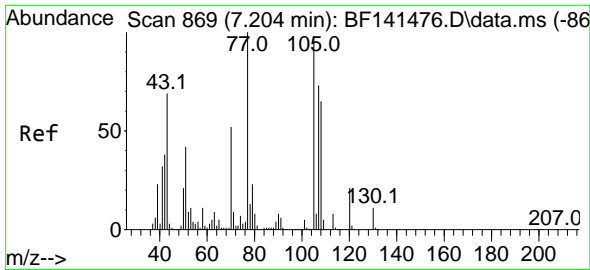


#18  
 Hexachloroethane  
 Concen: 41.040 ng  
 RT: 7.287 min Scan# 883  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



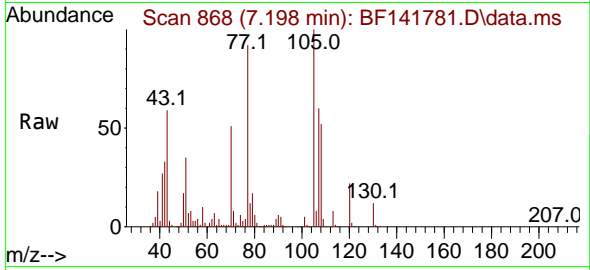
Tgt Ion:117 Resp: 93620  
 Ion Ratio Lower Upper  
 117 100  
 119 95.0 76.5 114.7  
 201 98.7 76.7 115.1





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 40.758 ng  
 RT: 7.198 min Scan# 80  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

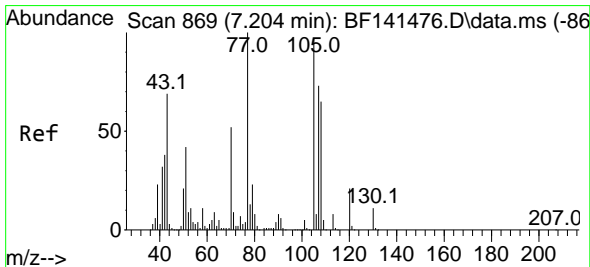
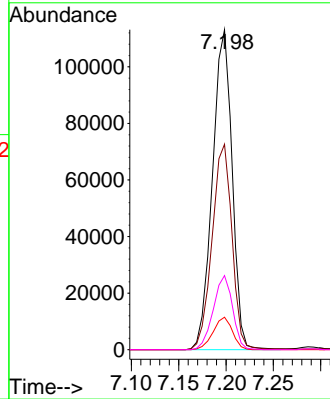
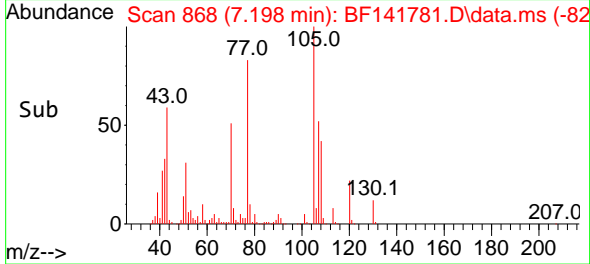
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166875BS



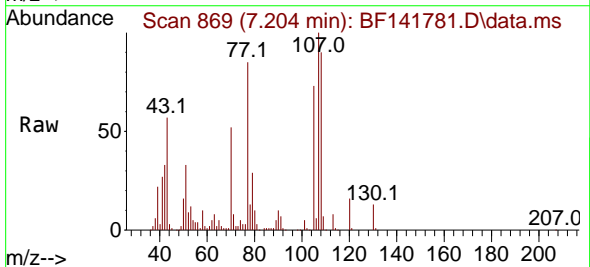
Tgt Ion: 70 Resp: 16296  
 Ion Ratio Lower Upper  
 70 100  
 42 64.2 57.4 86.2  
 101 10.1 8.0 12.0  
 130 23.1 16.9 25.3

Manual Integrations  
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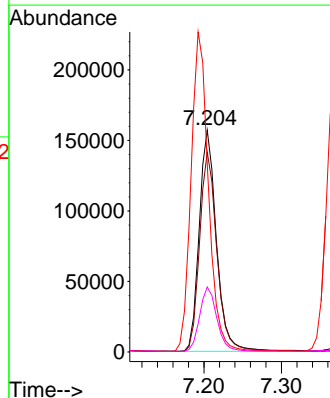
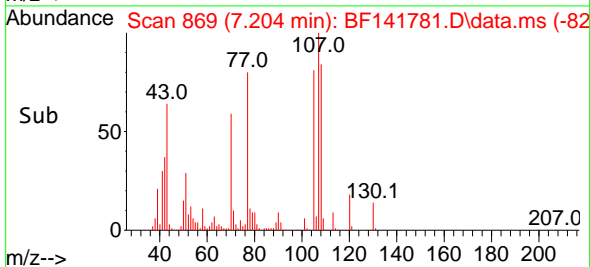
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

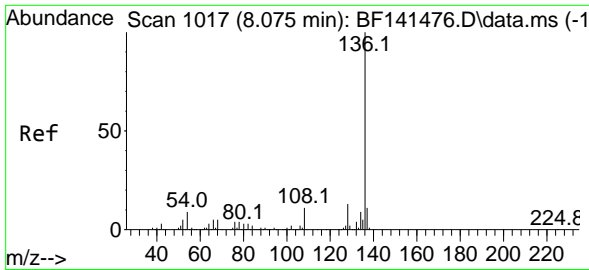


#20  
 3+4-Methylphenols  
 Concen: 42.643 ng  
 RT: 7.204 min Scan# 869  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:107 Resp: 242346  
 Ion Ratio Lower Upper  
 107 100  
 108 90.1 68.5 108.5  
 77 84.8 116.5 156.5#  
 79 29.3 12.0 52.0





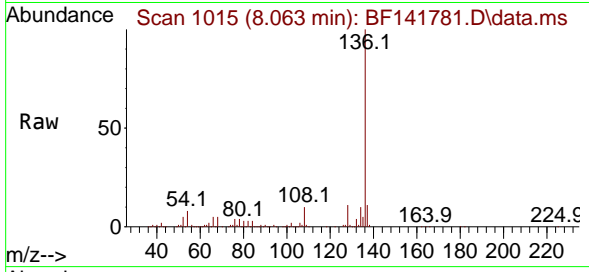
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 8.063 min Scan# 1015  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

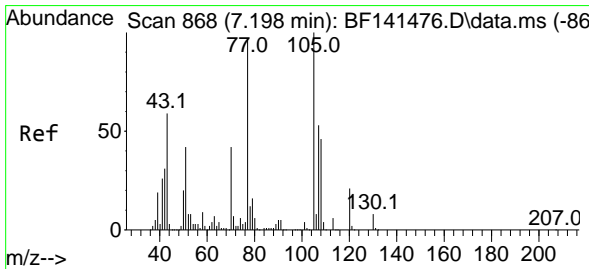
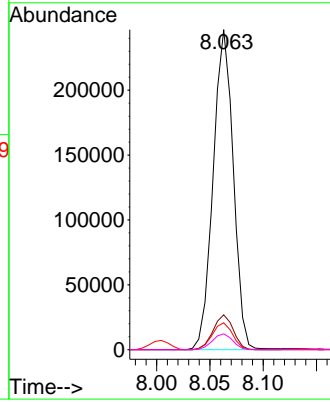
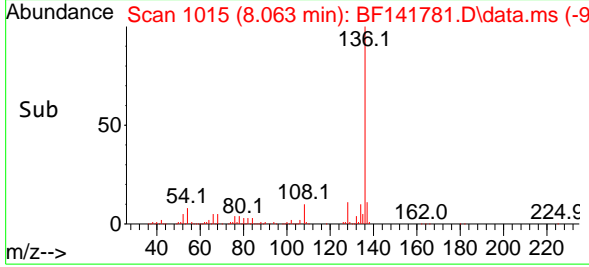


Tgt Ion:136 Resp: 32394  
 Ion Ratio Lower Upper  
 136 100  
 137 10.9 8.6 13.0  
 54 8.4 7.2 10.8  
 68 5.0 3.7 5.5

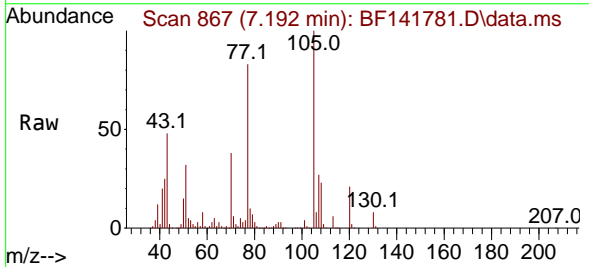
Manual Integrations

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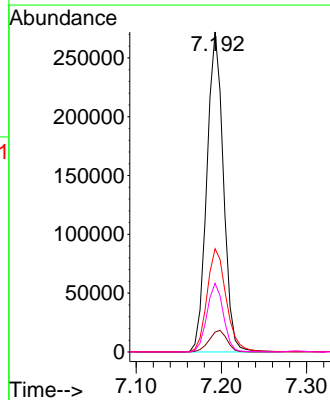
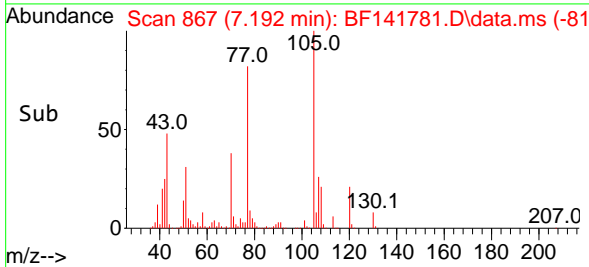
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

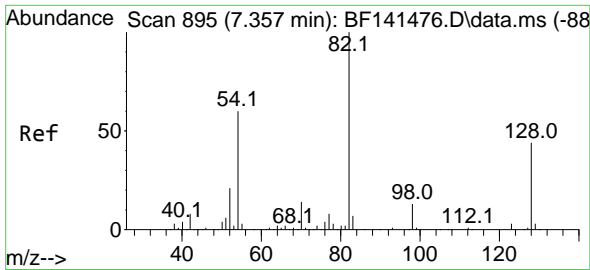


#22  
 Acetophenone  
 Concen: 45.553 ng  
 RT: 7.192 min Scan# 867  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:105 Resp: 367081  
 Ion Ratio Lower Upper  
 105 100  
 71 6.2 5.7 8.5  
 51 32.3 33.7 50.5#  
 120 21.5 17.0 25.6





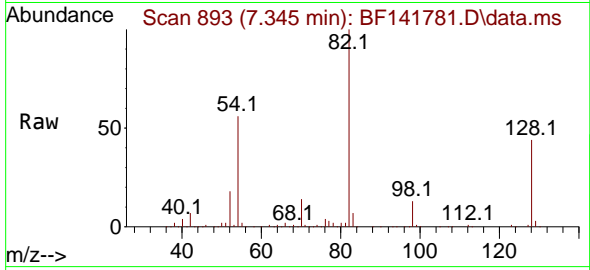
#23  
 Nitrobenzene-d5  
 Concen: 84.489 ng  
 RT: 7.345 min Scan# 891  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

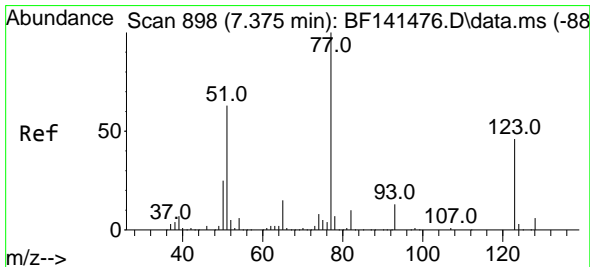
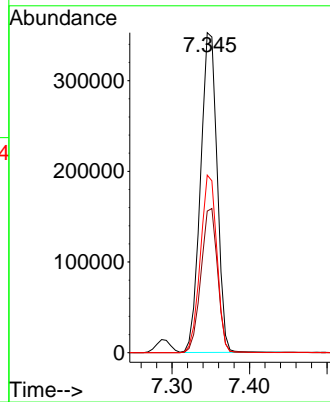
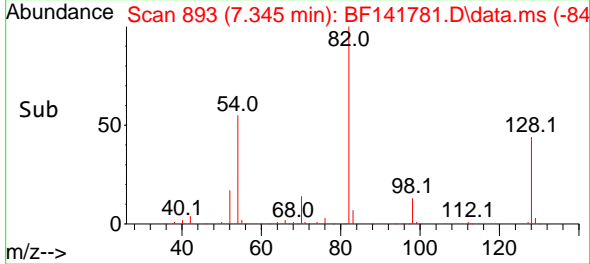


Tgt Ion: 82 Resp: 524750  
 Ion Ratio Lower Upper  
 82 100  
 128 44.2 34.8 52.2  
 54 55.5 48.2 72.4

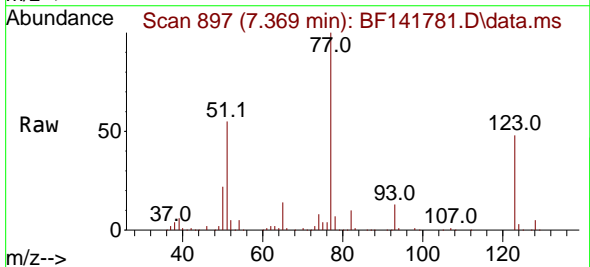
Manual Integrations

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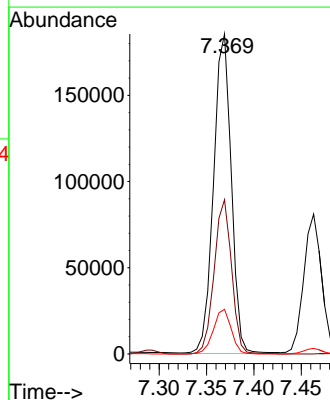
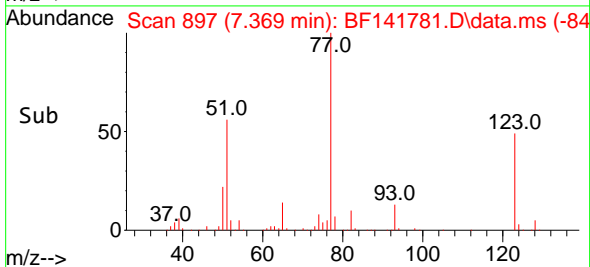
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

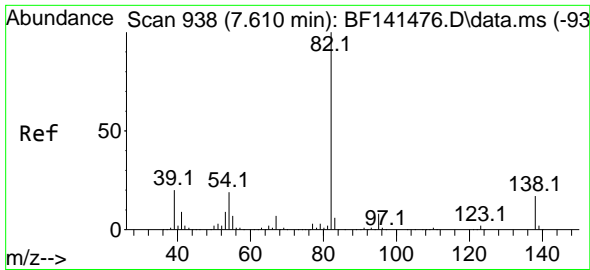


#24  
 Nitrobenzene  
 Concen: 39.918 ng  
 RT: 7.369 min Scan# 897  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



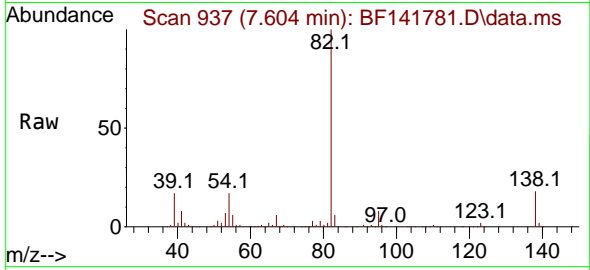
Tgt Ion: 77 Resp: 241755  
 Ion Ratio Lower Upper  
 77 100  
 123 48.2 36.9 55.3  
 65 13.9 11.9 17.9





#25  
 Isophorone  
 Concen: 43.854 ng  
 RT: 7.604 min Scan# 91  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

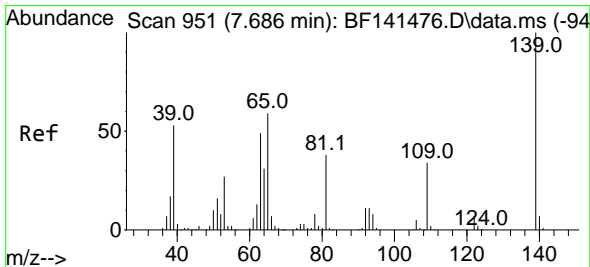
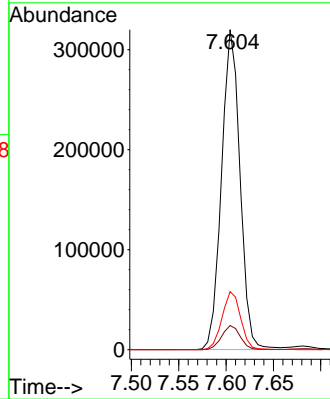
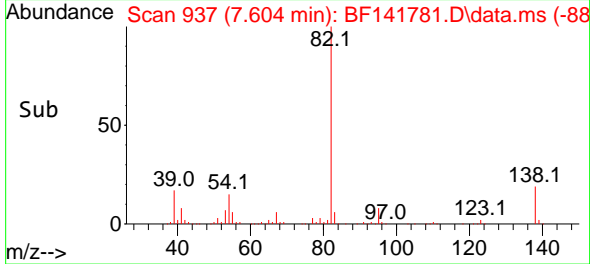
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB166875BS



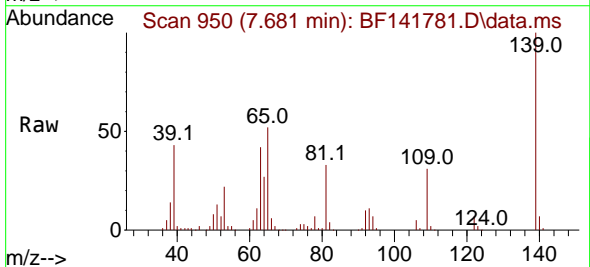
Tgt Ion: 82 Resp: 43429  
 Ion Ratio Lower Upper  
 82 100  
 95 7.6 6.4 9.6  
 138 18.2 13.9 20.9

Manual Integrations  
 APPROVED

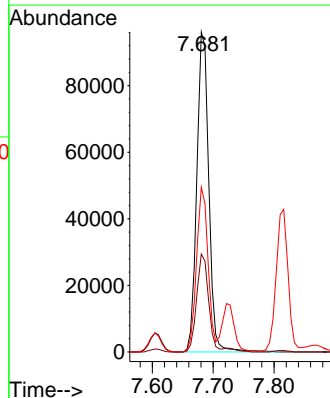
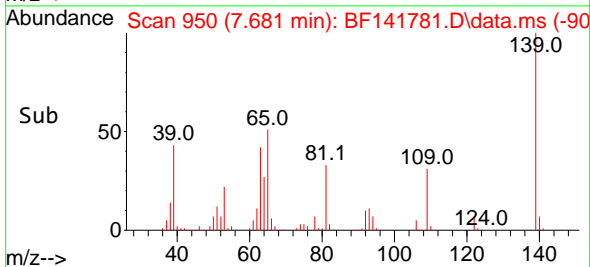
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025



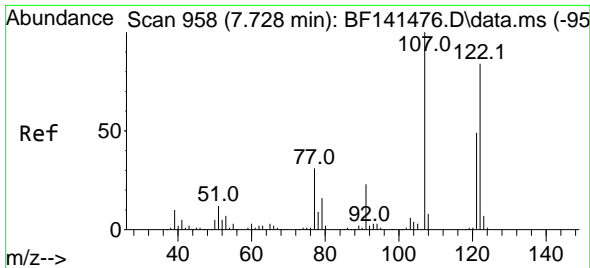
#26  
 2-Nitrophenol  
 Concen: 43.631 ng  
 RT: 7.681 min Scan# 950  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:139 Resp: 131467  
 Ion Ratio Lower Upper  
 139 100  
 109 30.6 27.0 40.6  
 65 51.5 47.1 70.7







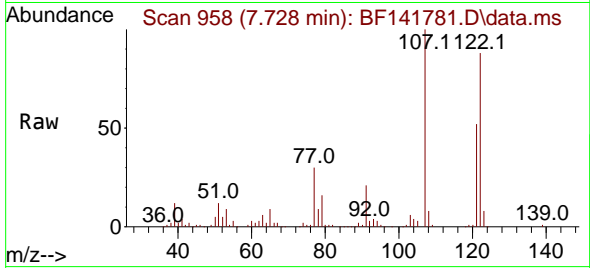
#27  
 2,4-Dimethylphenol  
 Concen: 54.678 ng  
 RT: 7.728 min Scan# 911  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

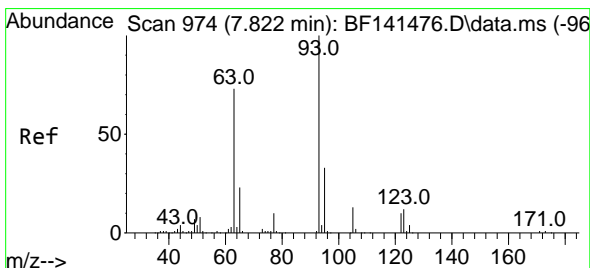
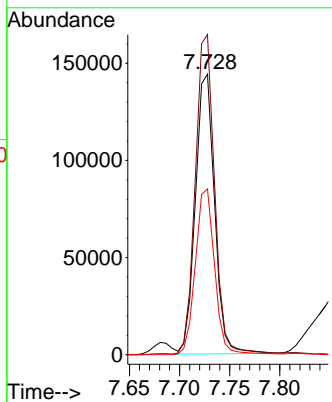
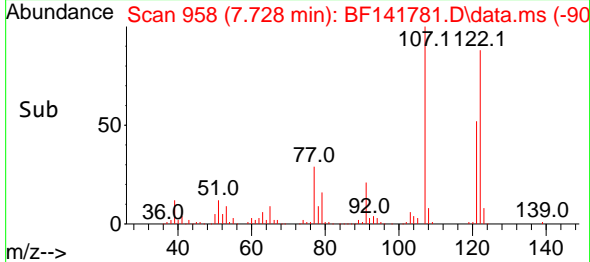
PB166875BS



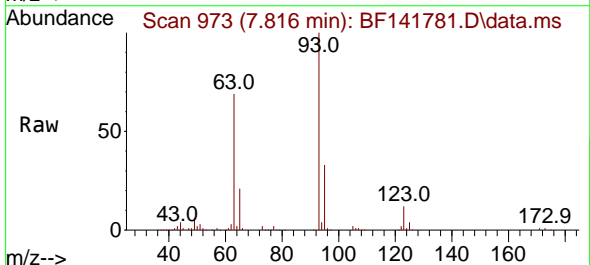
Tgt Ion:122 Resp: 19246  
 Ion Ratio Lower Upper  
 122 100  
 107 114.0 94.3 141.5  
 121 59.1 46.0 69.0

Manual Integrations  
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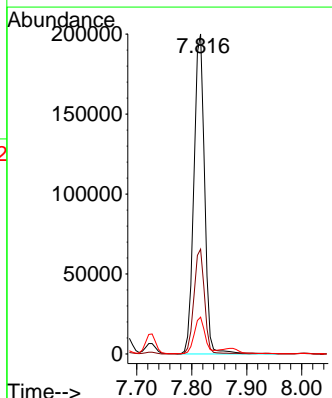
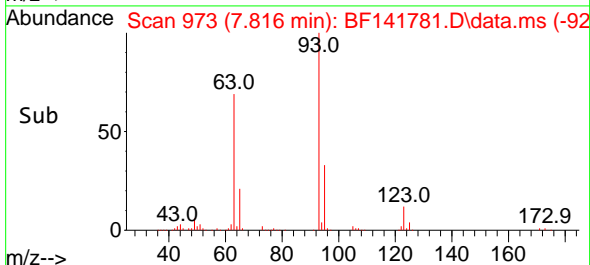
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

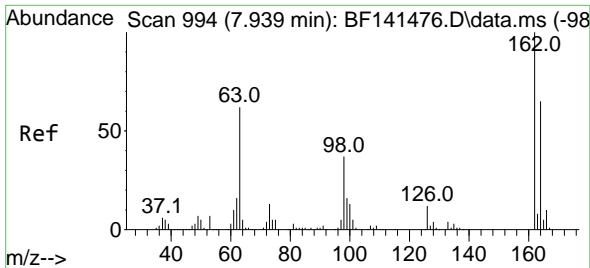


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.541 ng  
 RT: 7.816 min Scan# 973  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion: 93 Resp: 269950  
 Ion Ratio Lower Upper  
 93 100  
 95 32.7 26.1 39.1  
 123 11.5 9.5 14.3





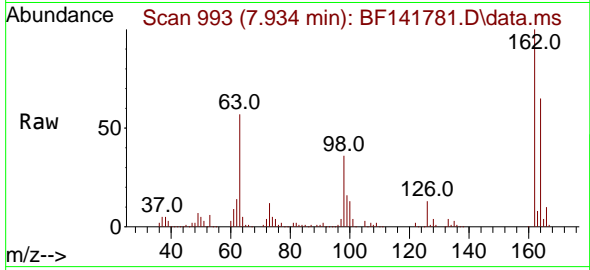
#29  
 2,4-Dichlorophenol  
 Concen: 42.637 ng  
 RT: 7.934 min Scan# 993  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

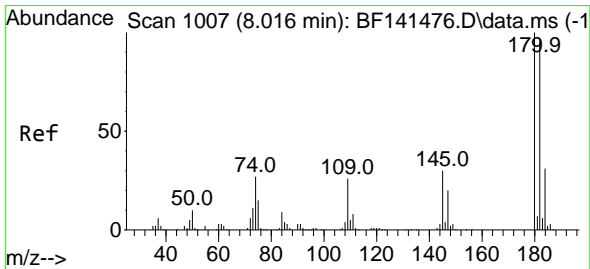
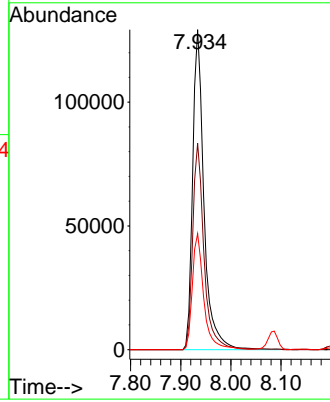
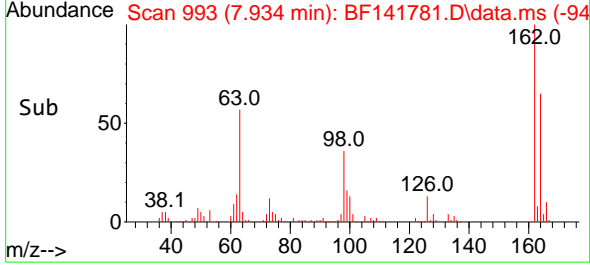


Tgt Ion:162 Resp: 20278  
 Ion Ratio Lower Upper  
 162 100  
 164 64.5 44.6 84.6  
 98 36.3 17.2 57.2

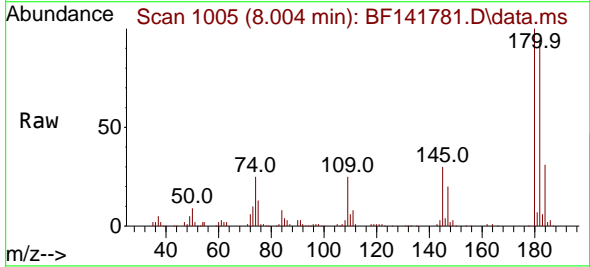
Manual Integrations

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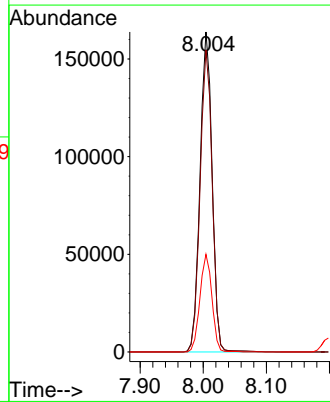
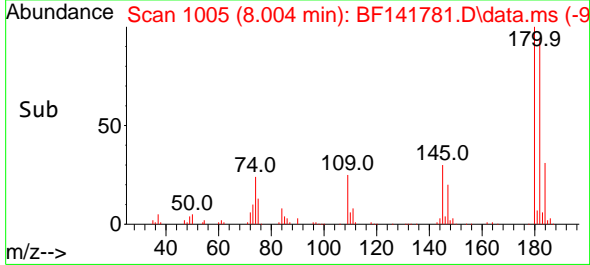
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

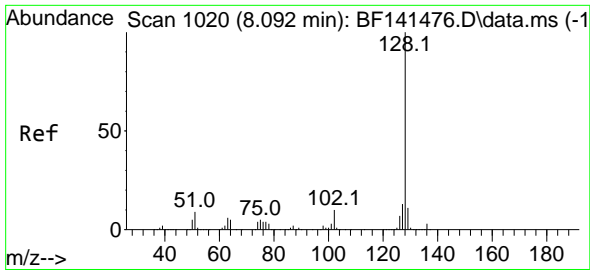


#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.015 ng  
 RT: 8.004 min Scan# 1005  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:180 Resp: 217604  
 Ion Ratio Lower Upper  
 180 100  
 182 94.4 76.8 115.2  
 145 30.5 24.2 36.4





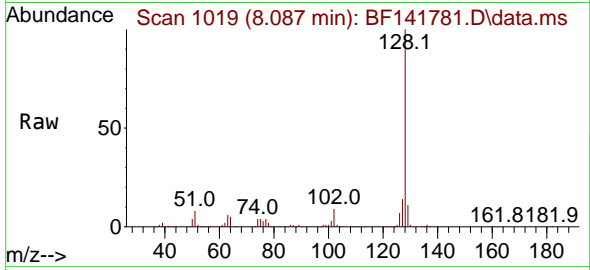
#31  
 Naphthalene  
 Concen: 40.582 ng  
 RT: 8.087 min Scan# 1019  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

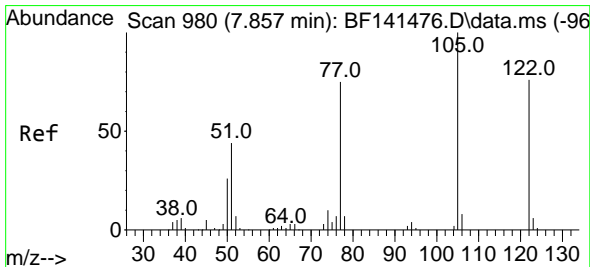
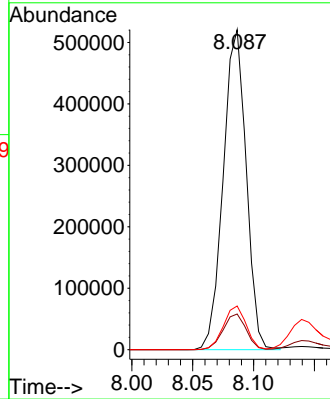
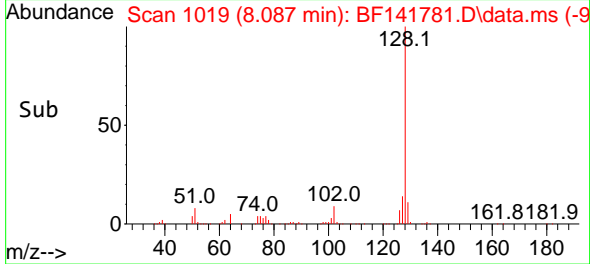


Tgt Ion:128 Resp: 68432  
 Ion Ratio Lower Upper  
 128 100  
 129 11.2 8.9 13.3  
 127 13.6 10.7 16.1

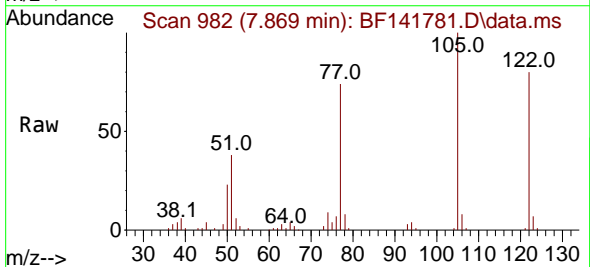
Manual Integrations

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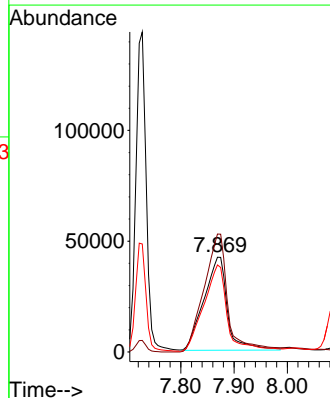
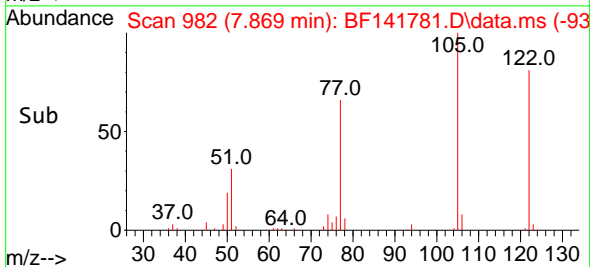
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

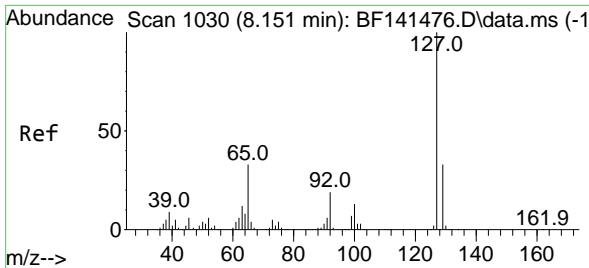


#32  
 Benzoic acid  
 Concen: 35.492 ng  
 RT: 7.869 min Scan# 982  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



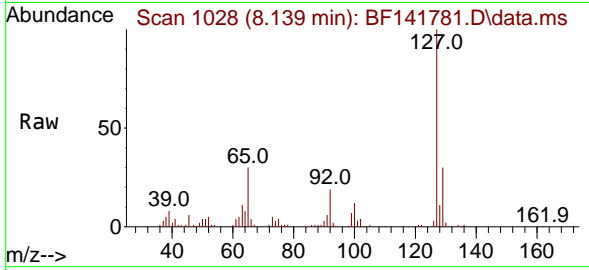
Tgt Ion:122 Resp: 129768  
 Ion Ratio Lower Upper  
 122 100  
 105 124.6 106.5 146.5  
 77 92.0 76.3 116.3





#33  
 4-Chloroaniline  
 Concen: 17.825 ng  
 RT: 8.139 min Scan# 1030  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

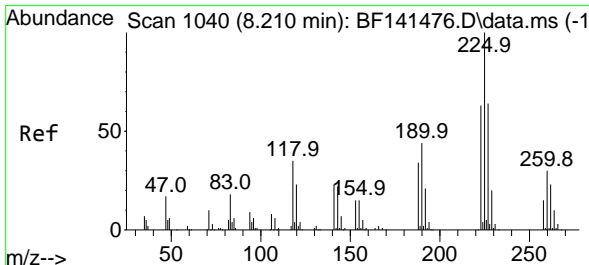
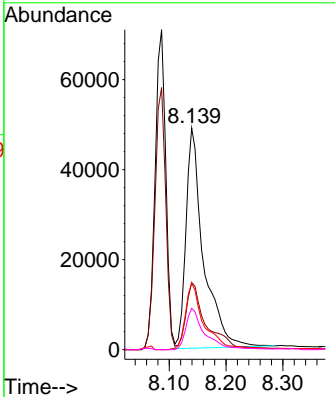
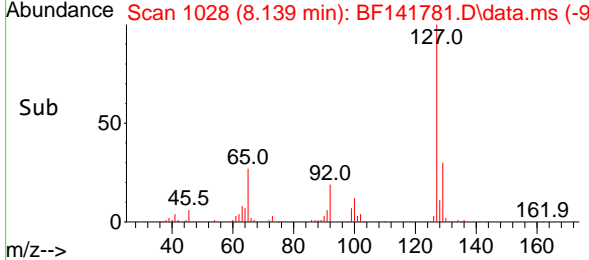
Instrument : BNA\_F  
 Client Sample Id : PB166875BS



Tgt Ion:127 Resp: 10494

Ion	Ratio	Lower	Upper
127	100		
129	30.3	26.5	39.7
65	30.1	26.4	39.6
92	18.7	15.3	22.9

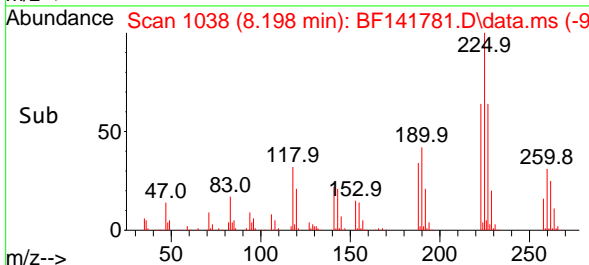
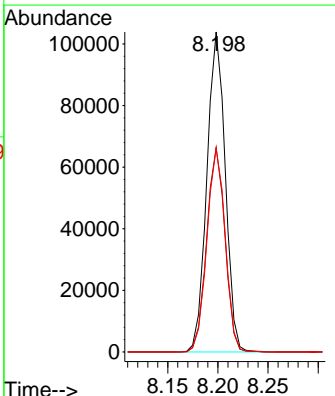
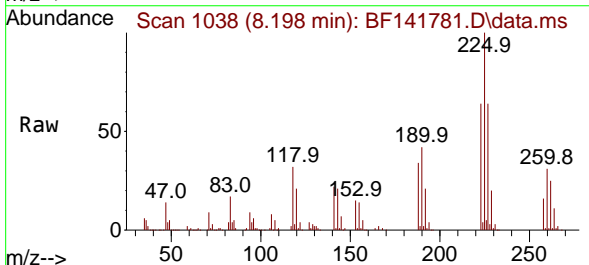
Manual Integrations  
**APPROVED**  
 Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

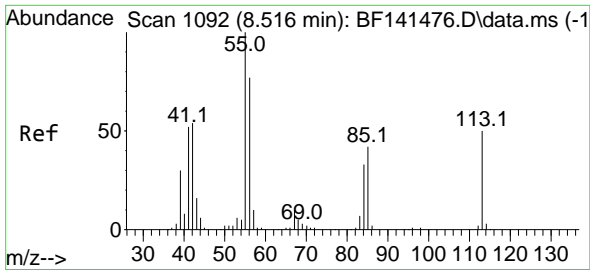


#34  
 Hexachlorobutadiene  
 Concen: 42.591 ng  
 RT: 8.198 min Scan# 1038  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Tgt Ion:225 Resp: 132425

Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.1	75.1
227	63.6	51.0	76.6





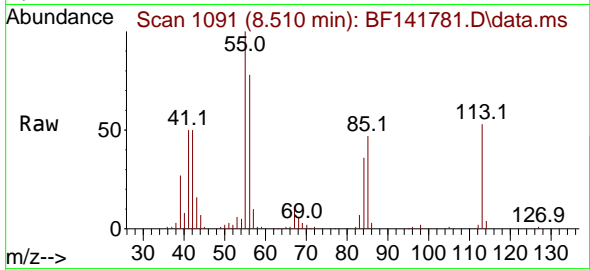
#35  
 Caprolactam  
 Concen: 47.043 ng m  
 RT: 8.510 min Scan# 1091  
 Delta R.T. -0.035 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

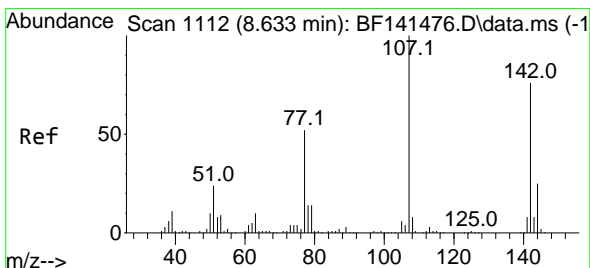
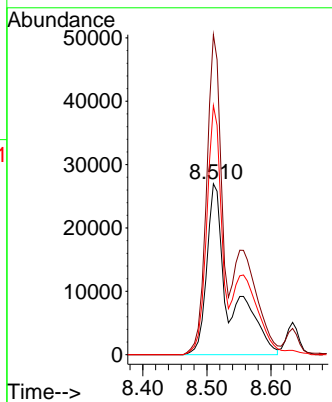
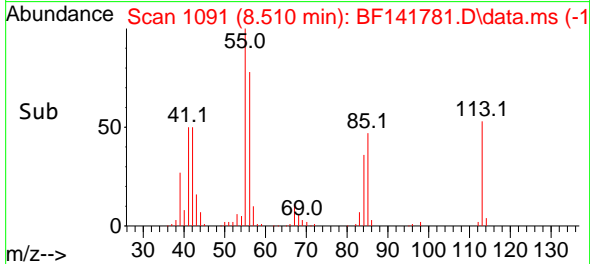


Tgt Ion:113 Resp: 6812  
 Ion Ratio Lower Upper  
 113 100  
 55 187.2 180.8 220.8  
 56 145.7 133.6 173.6

Manual Integrations

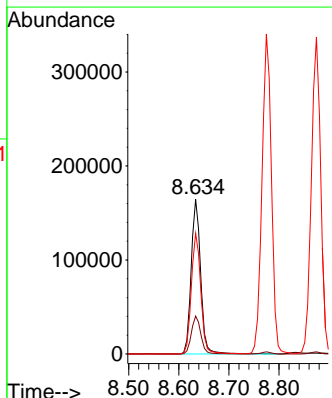
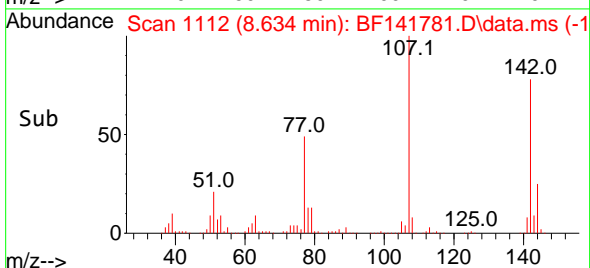
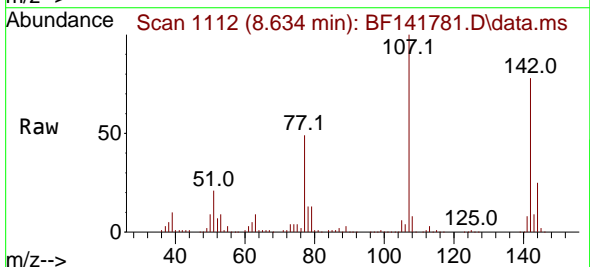
APPROVED

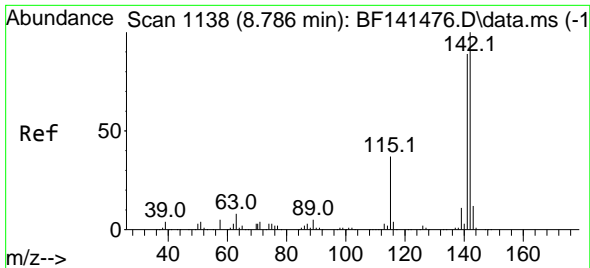
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.986 ng  
 RT: 8.634 min Scan# 1112  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Tgt Ion:107 Resp: 215925  
 Ion Ratio Lower Upper  
 107 100  
 144 24.5 19.7 29.5  
 142 78.0 60.8 91.2





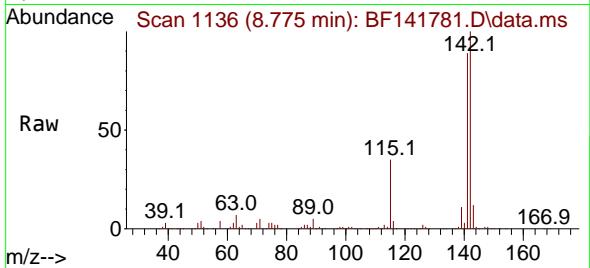
#37  
 2-Methylnaphthalene  
 Concen: 40.528 ng  
 RT: 8.775 min Scan# 1136  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

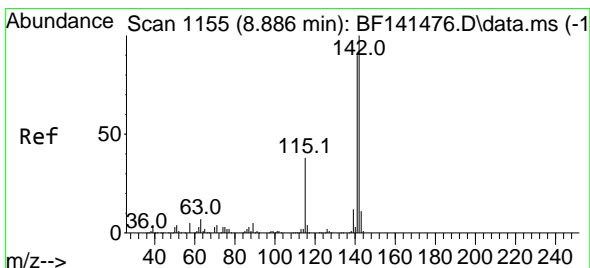
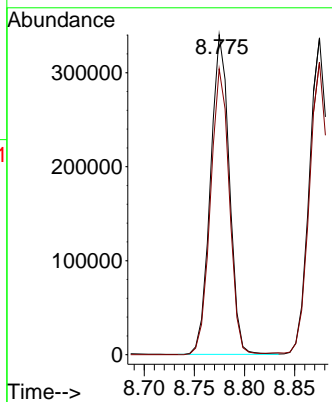
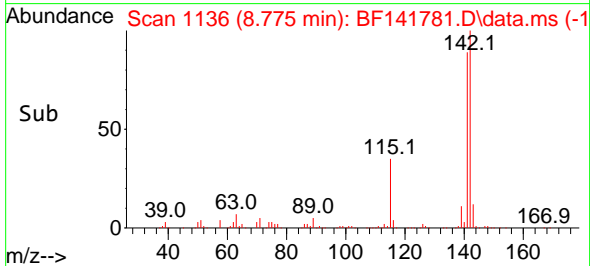


Tgt Ion:142 Resp: 444714  
 Ion Ratio Lower Upper  
 142 100  
 141 89.3 71.2 106.8

Manual Integrations

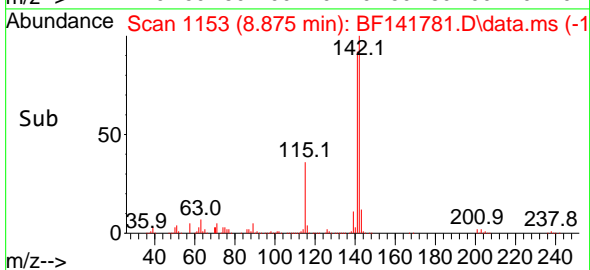
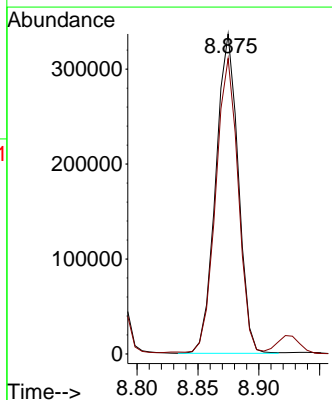
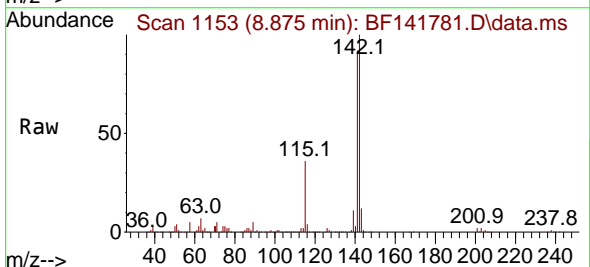
APPROVED

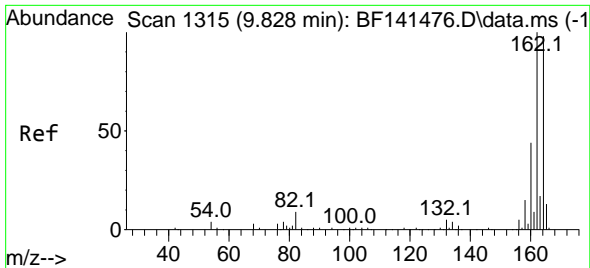
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025



#38  
 1-Methylnaphthalene  
 Concen: 40.696 ng  
 RT: 8.875 min Scan# 1153  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Tgt Ion:142 Resp: 432503  
 Ion Ratio Lower Upper  
 142 100  
 141 92.3 72.1 108.1





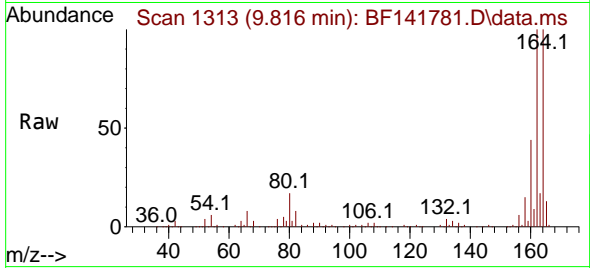
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.816 min Scan# 1165  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

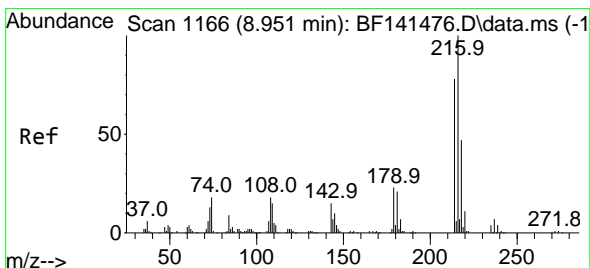
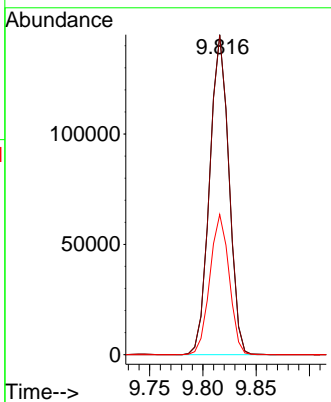
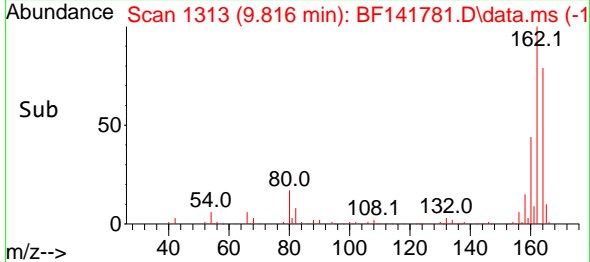
PB166875BS



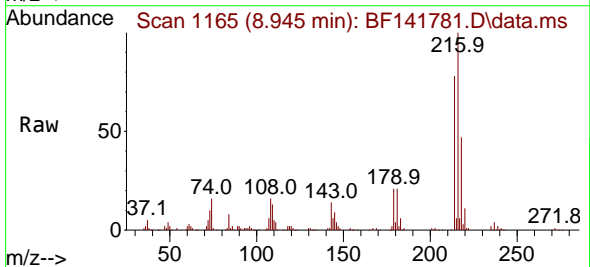
Tgt Ion:164 Resp: 18226  
 Ion Ratio Lower Upper  
 164 100  
 162 99.8 81.3 121.9  
 160 43.8 35.9 53.9

Manual Integrations  
 APPROVED

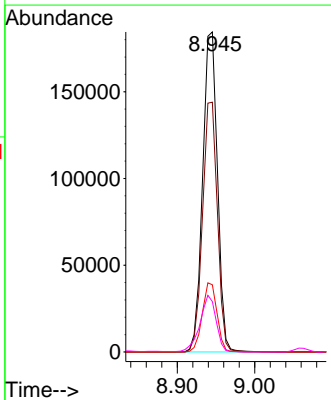
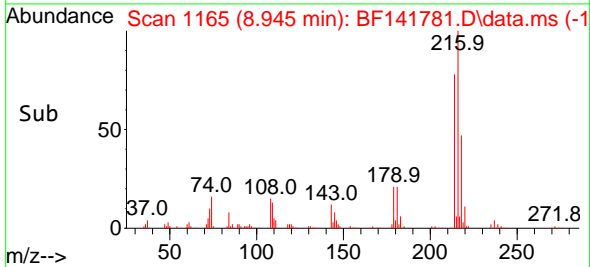
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

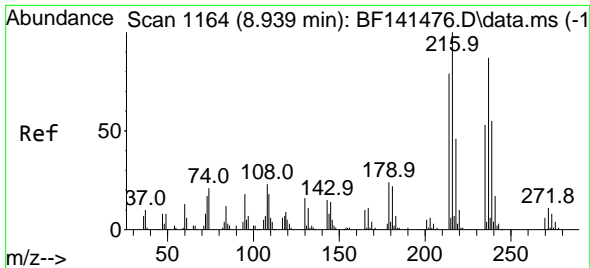


#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.434 ng  
 RT: 8.945 min Scan# 1165  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:216 Resp: 244851  
 Ion Ratio Lower Upper  
 216 100  
 214 78.3 62.3 93.5  
 179 21.5 18.0 27.0  
 108 19.3 15.0 22.6





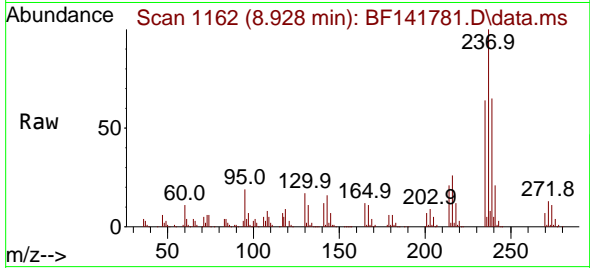
#41  
 Hexachlorocyclopentadiene  
 Concen: 116.131 ng  
 RT: 8.928 min Scan# 1162  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

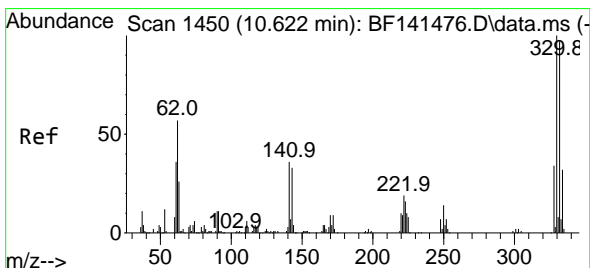
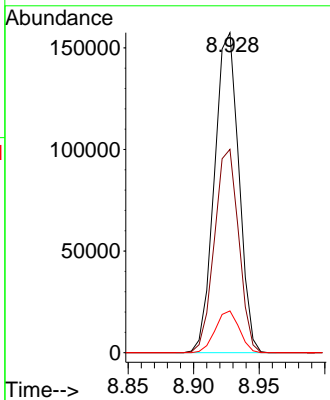
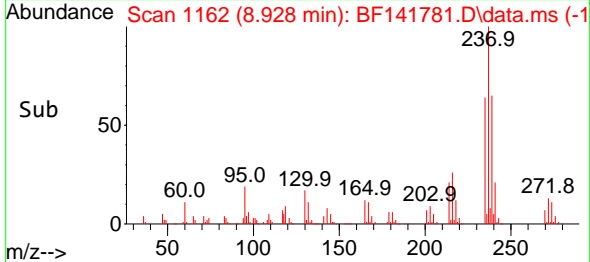
PB166875BS



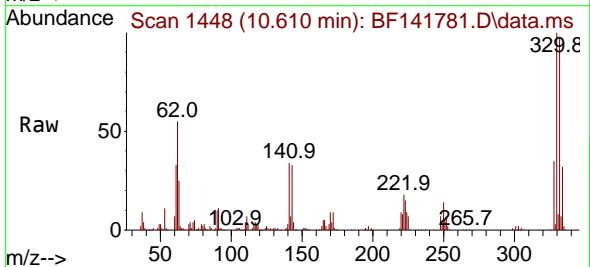
Tgt Ion:237 Resp: 20368  
 Ion Ratio Lower Upper  
 237 100  
 235 63.6 41.4 81.4  
 272 13.1 0.0 32.4

Manual Integrations  
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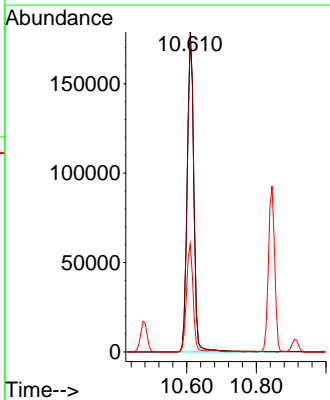
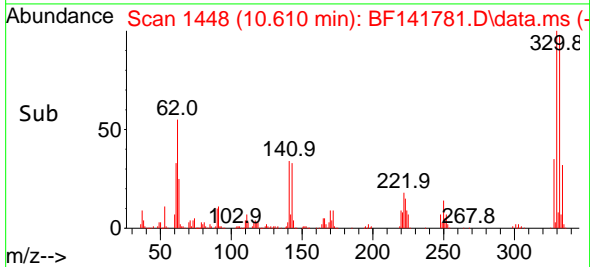
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025



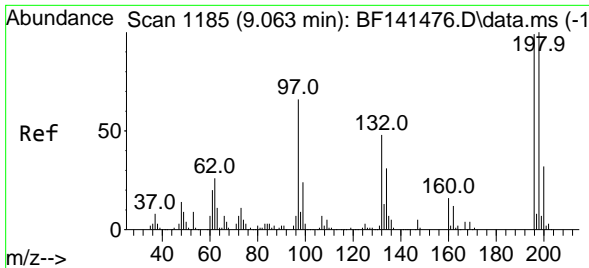
#42  
 2,4,6-Tribromophenol  
 Concen: 129.750 ng  
 RT: 10.610 min Scan# 1448  
 Delta R.T. -0.017 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:330 Resp: 237563  
 Ion Ratio Lower Upper  
 330 100  
 332 97.3 78.5 117.7  
 141 33.4 31.0 46.4







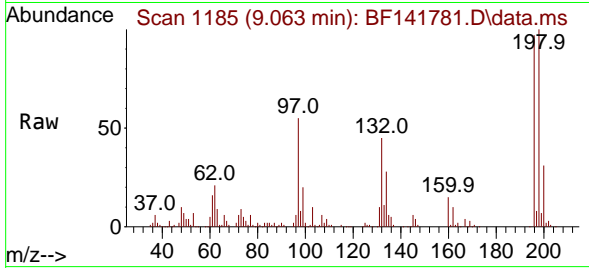
#43  
 2,4,6-Trichlorophenol  
 Concen: 40.753 ng  
 RT: 9.063 min Scan# 1185  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

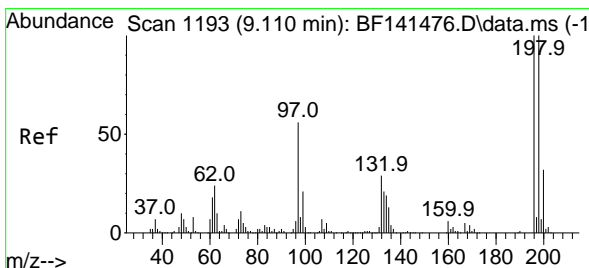
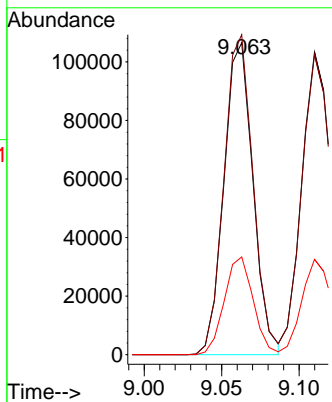
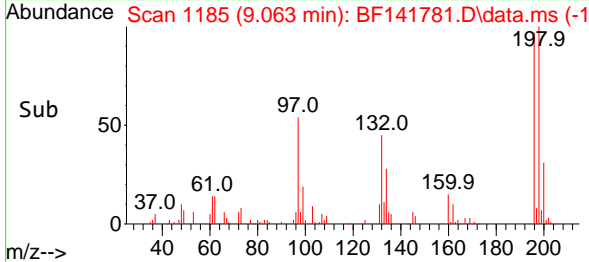


Tgt Ion:196 Resp: 138890  
 Ion Ratio Lower Upper  
 196 100  
 198 102.6 80.6 121.0  
 200 31.4 25.5 38.3

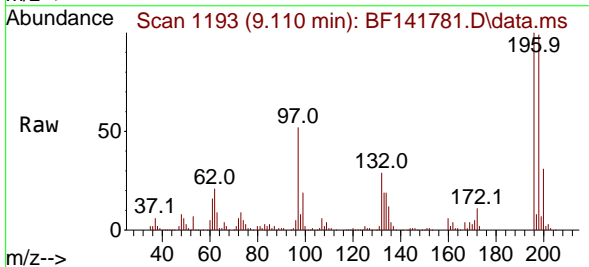
Manual Integrations

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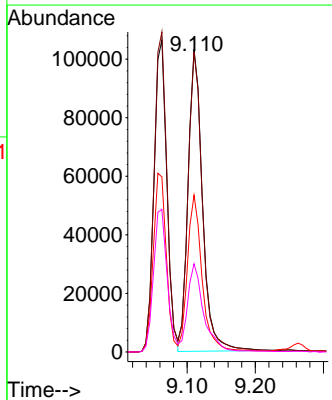
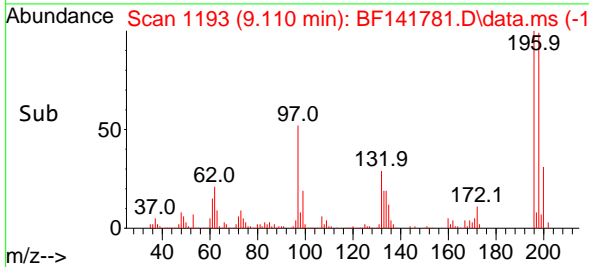
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

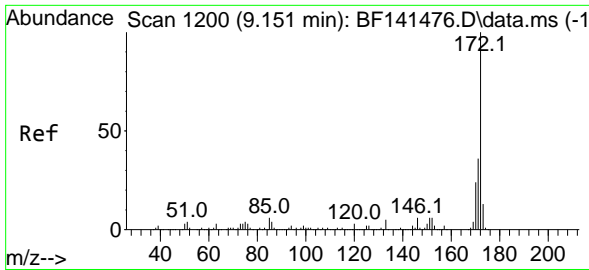


#44  
 2,4,5-Trichlorophenol  
 Concen: 40.927 ng  
 RT: 9.110 min Scan# 1193  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:196 Resp: 151169  
 Ion Ratio Lower Upper  
 196 100  
 198 99.1 79.8 119.8  
 97 51.8 44.8 67.2  
 132 29.1 23.9 35.9





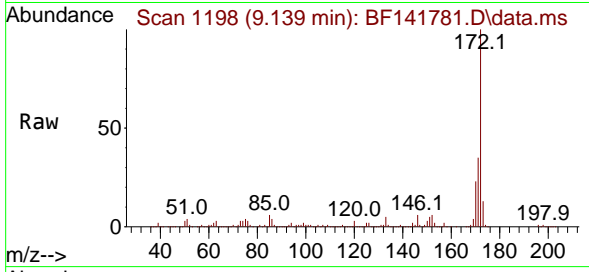
#45  
 2-Fluorobiphenyl  
 Concen: 88.197 ng  
 RT: 9.139 min Scan# 1198  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

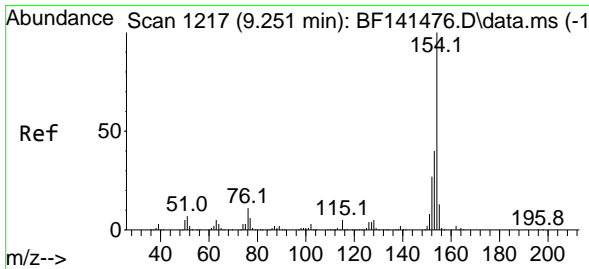
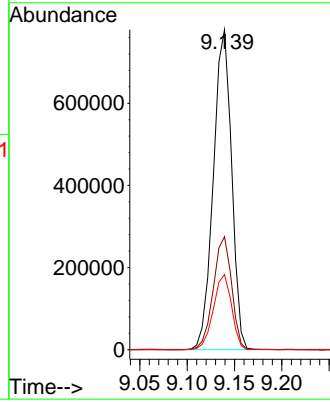
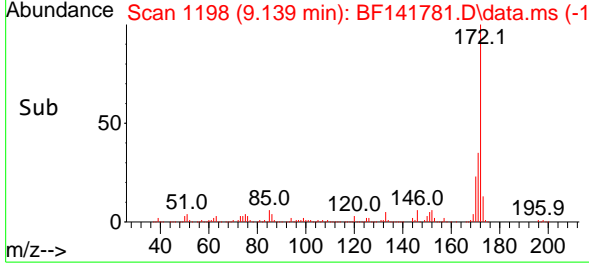


Tgt Ion:172 Resp: 104341  
 Ion Ratio Lower Upper  
 172 100  
 171 35.3 28.7 43.1  
 170 23.4 18.9 28.3

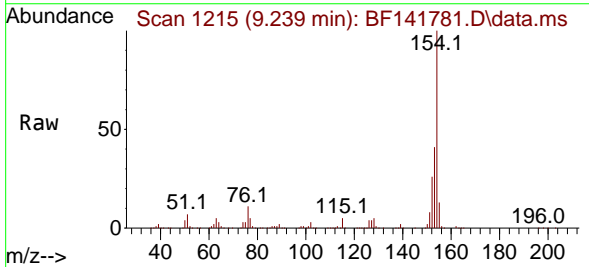
Manual Integrations

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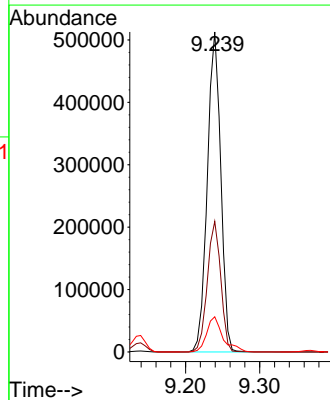
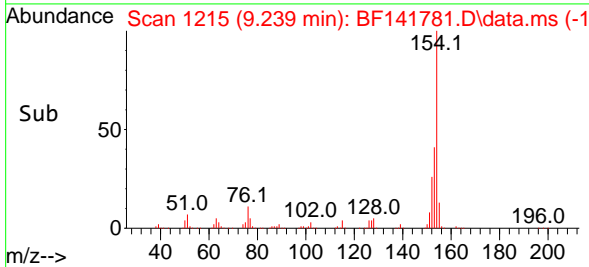
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

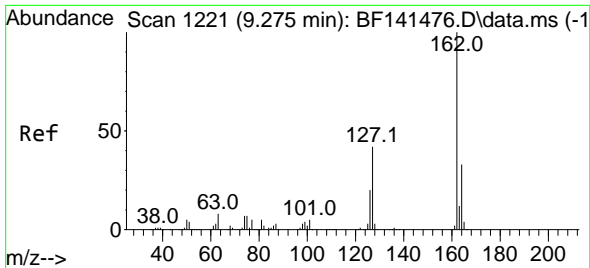


#46  
 1,1'-Biphenyl  
 Concen: 45.716 ng  
 RT: 9.239 min Scan# 1215  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:154 Resp: 645996  
 Ion Ratio Lower Upper  
 154 100  
 153 40.8 20.4 60.4  
 76 11.0 0.0 30.8





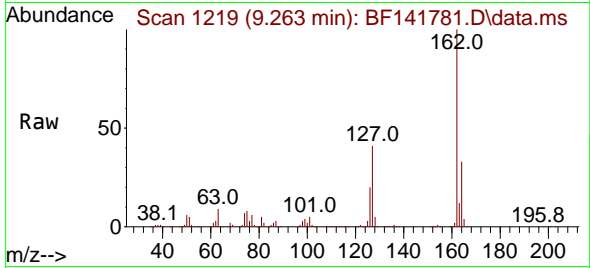
#47  
 2-Chloronaphthalene  
 Concen: 42.099 ng  
 RT: 9.263 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

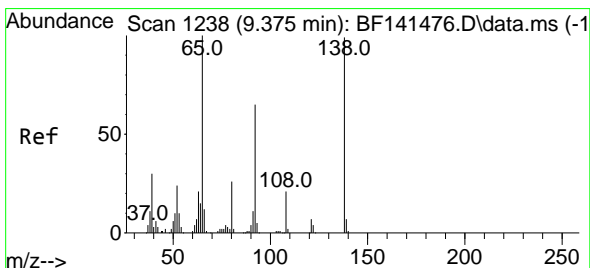
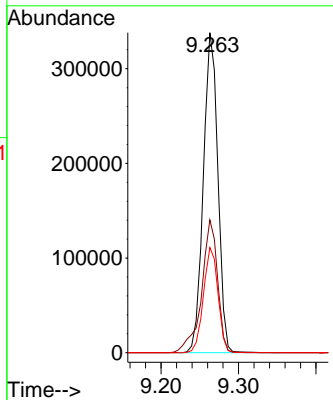
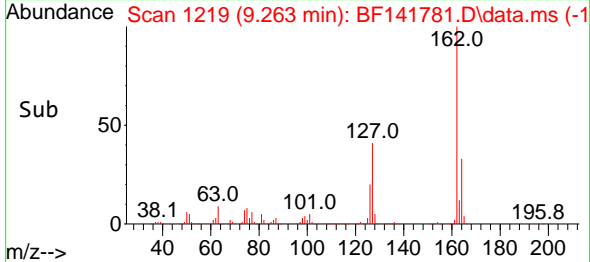
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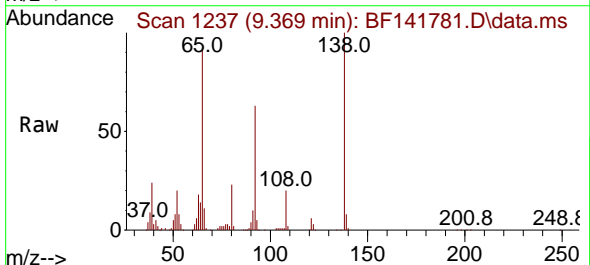
Tgt Ion:162 Resp: 439898  
 Ion Ratio Lower Upper  
 162 100  
 127 41.5 34.1 51.1  
 164 32.9 26.3 39.5

Manual Integrations  
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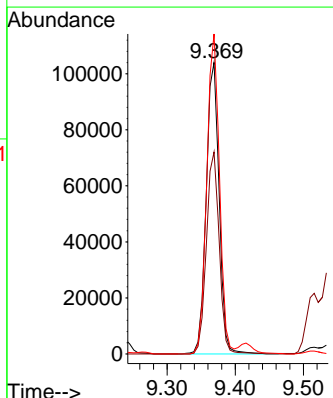
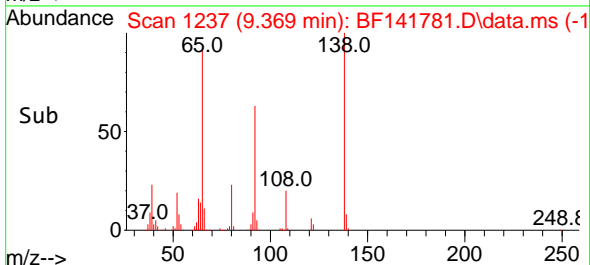
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

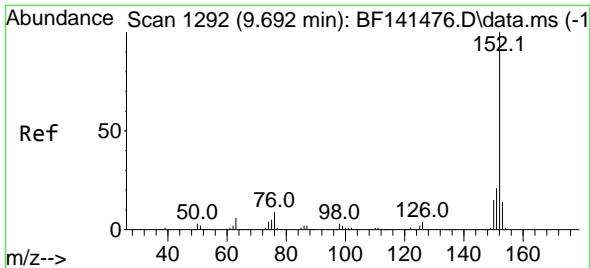


#48  
 2-Nitroaniline  
 Concen: 39.158 ng  
 RT: 9.369 min Scan# 1237  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
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Tgt Ion: 65 Resp: 137317  
 Ion Ratio Lower Upper  
 65 100  
 92 69.2 52.2 78.2  
 138 109.8 79.5 119.3





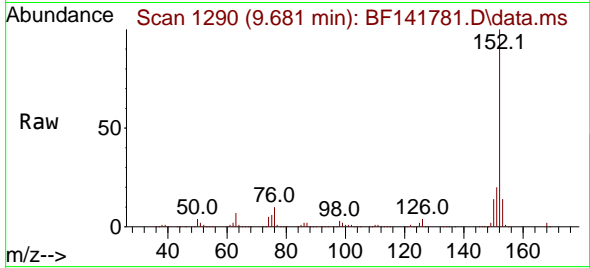
#49  
 Acenaphthylene  
 Concen: 43.246 ng  
 RT: 9.681 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

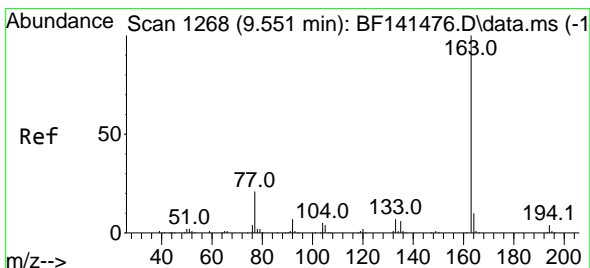
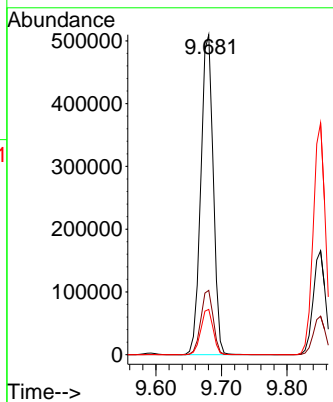
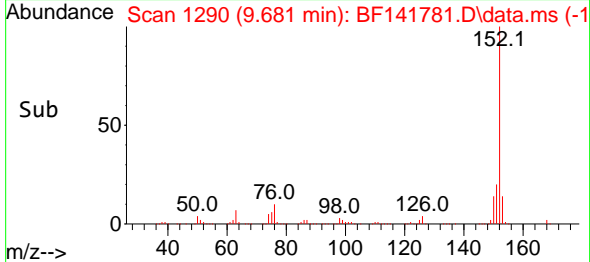


Tgt Ion:152 Resp: 672129  
 Ion Ratio Lower Upper  
 152 100  
 151 20.1 16.4 24.6  
 153 14.2 10.9 16.3

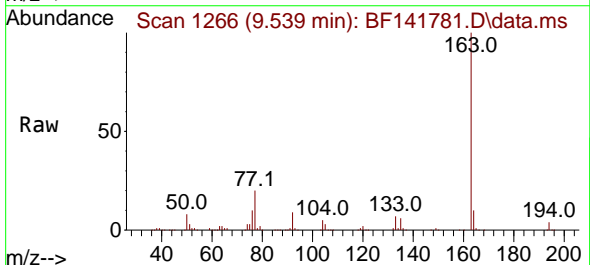
Manual Integrations

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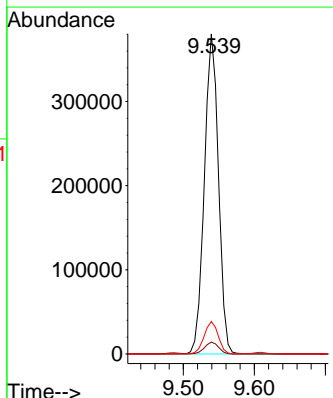
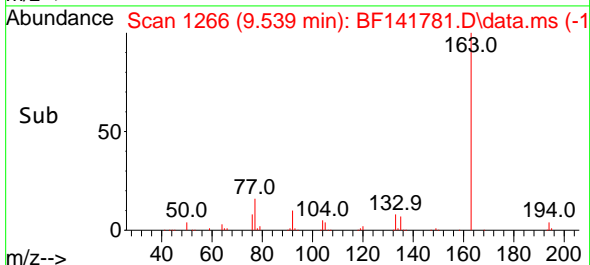
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

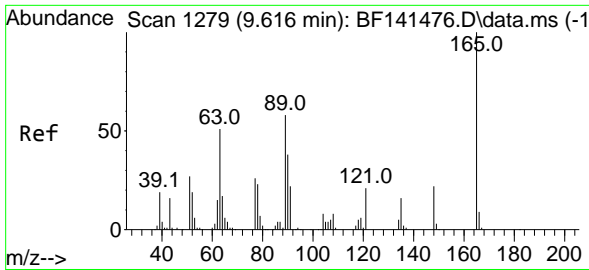


#50  
 Dimethylphthalate  
 Concen: 42.463 ng  
 RT: 9.539 min Scan# 1266  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:163 Resp: 525415  
 Ion Ratio Lower Upper  
 163 100  
 194 3.7 3.0 4.4  
 164 10.1 7.9 11.9





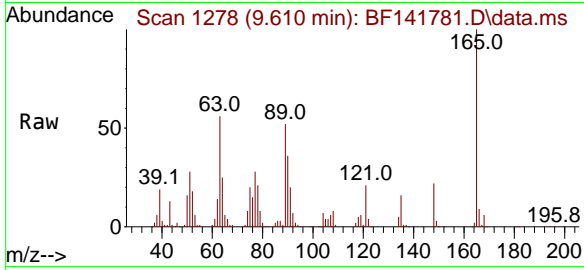
#51  
 2,6-Dinitrotoluene  
 Concen: 42.928 ng  
 RT: 9.610 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

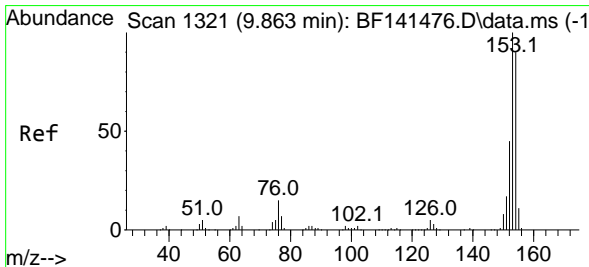
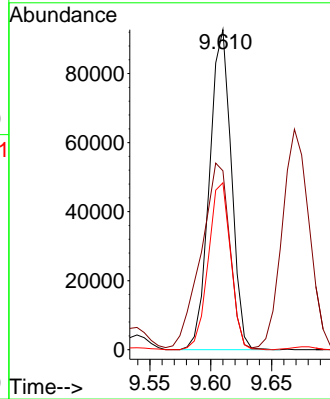
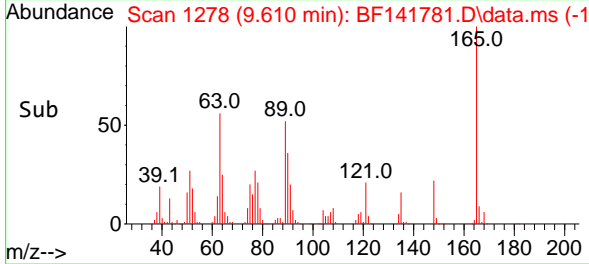


Tgt Ion:165 Resp: 116118  
 Ion Ratio Lower Upper  
 165 100  
 63 55.9 49.4 74.0  
 89 52.1 46.5 69.7

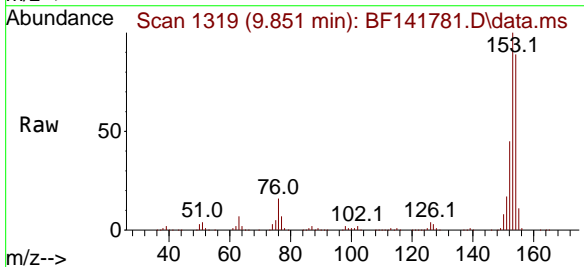
Manual Integrations

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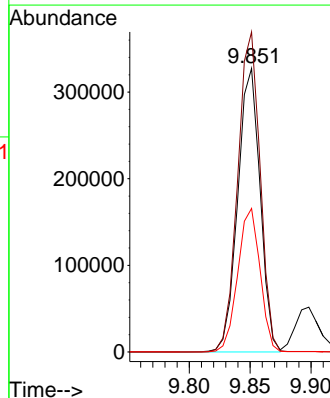
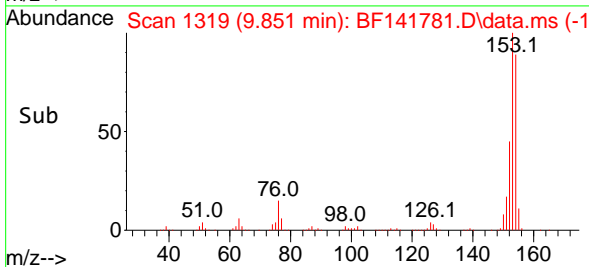
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

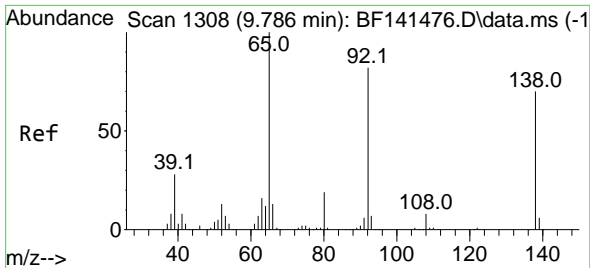


#52  
 Acenaphthene  
 Concen: 40.087 ng  
 RT: 9.851 min Scan# 1319  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:154 Resp: 418861  
 Ion Ratio Lower Upper  
 154 100  
 153 112.8 89.2 133.8  
 152 50.6 39.8 59.8





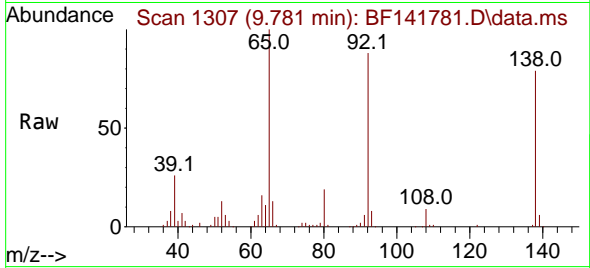
#53  
 3-Nitroaniline  
 Concen: 23.743 ng  
 RT: 9.781 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

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ClientSampleId :

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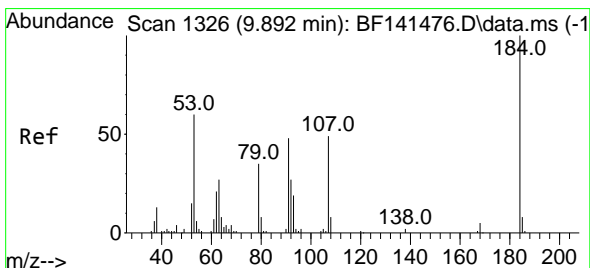
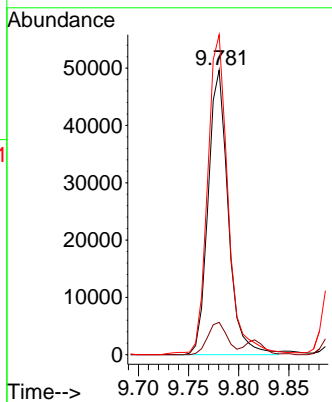
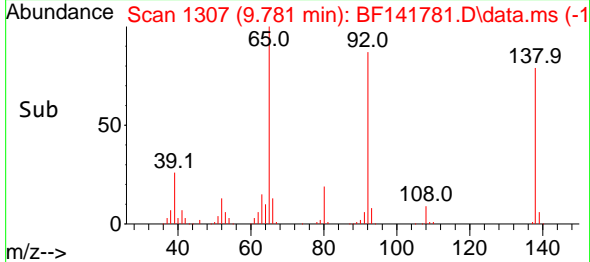


Tgt Ion:138 Resp: 69124  
 Ion Ratio Lower Upper  
 138 100  
 108 11.3 9.0 13.4  
 92 112.4 93.7 140.5

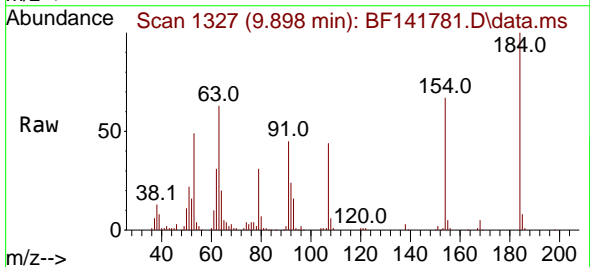
Manual Integrations

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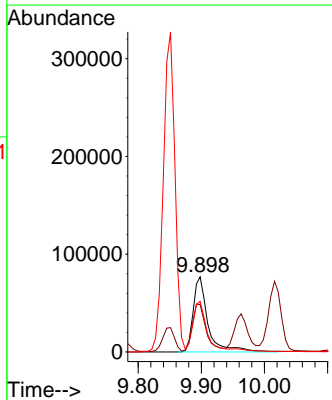
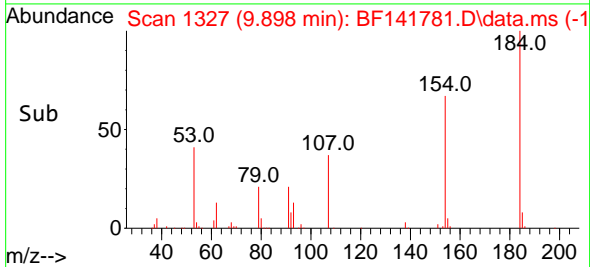
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

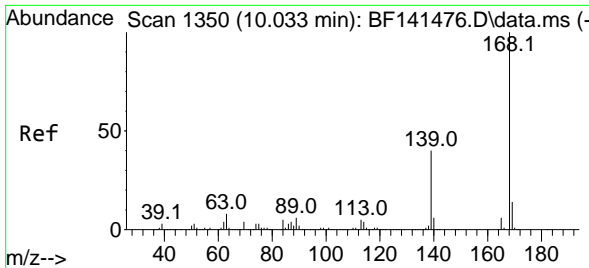


#54  
 2,4-Dinitrophenol  
 Concen: 77.981 ng  
 RT: 9.898 min Scan# 1327  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:184 Resp: 125363  
 Ion Ratio Lower Upper  
 184 100  
 63 63.3 61.0 91.6  
 154 67.4 59.9 89.9





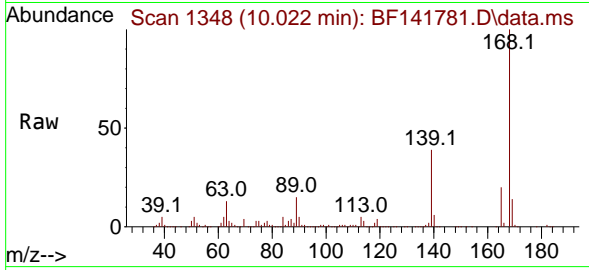
#55  
 Dibenzofuran  
 Concen: 39.587 ng  
 RT: 10.022 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

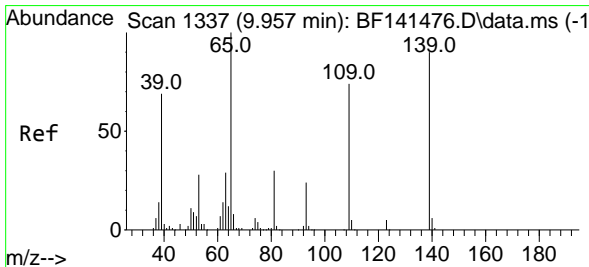
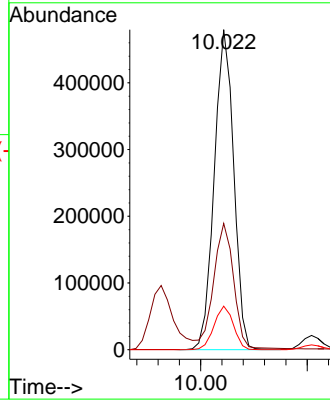
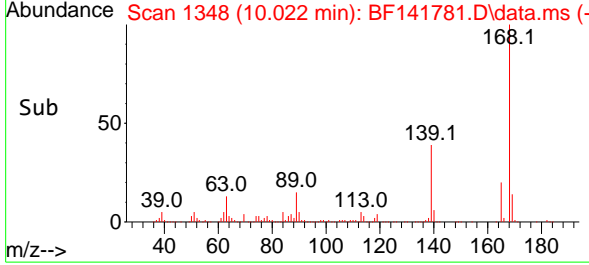


Tgt Ion:168 Resp: 60714  
 Ion Ratio Lower Upper  
 168 100  
 139 39.5 32.7 49.1  
 169 13.6 10.8 16.2

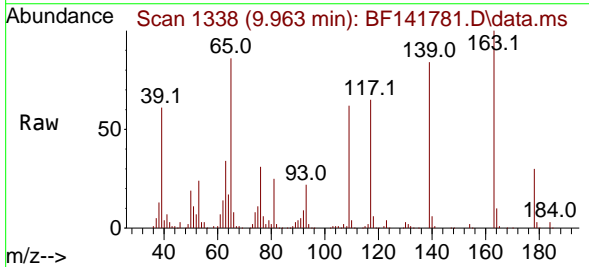
Manual Integrations

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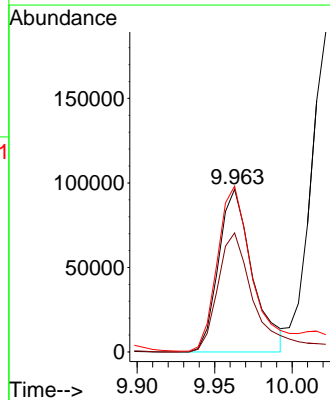
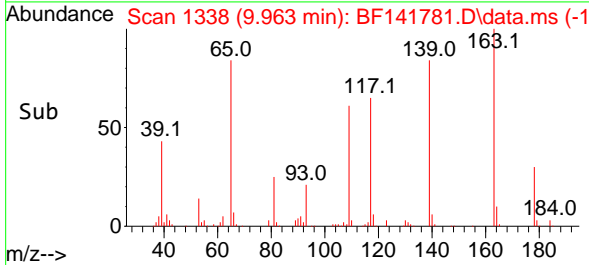
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

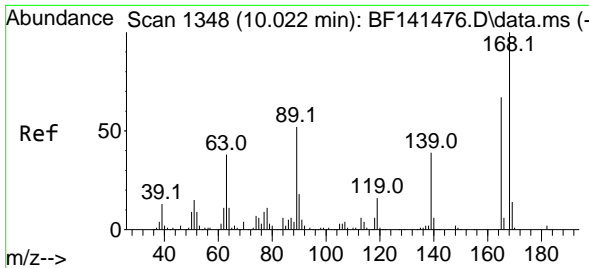


#56  
 4-Nitrophenol  
 Concen: 67.651 ng  
 RT: 9.963 min Scan# 1338  
 Delta R.T. -0.006 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



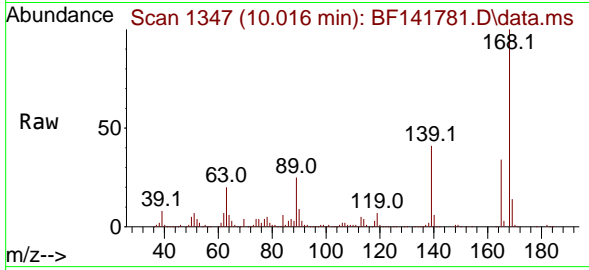
Tgt Ion:139 Resp: 146206  
 Ion Ratio Lower Upper  
 139 100  
 109 73.1 62.0 102.0  
 65 102.0 91.2 131.2





#57  
 2,4-Dinitrotoluene  
 Concen: 42.777 ng  
 RT: 10.016 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

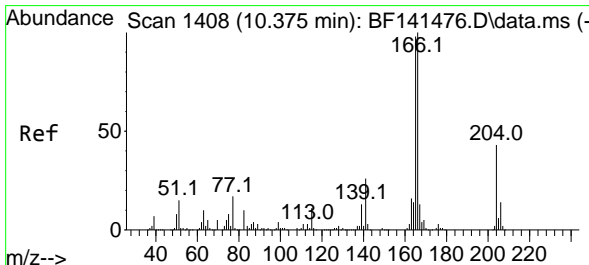
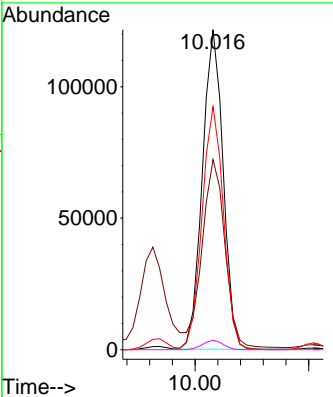
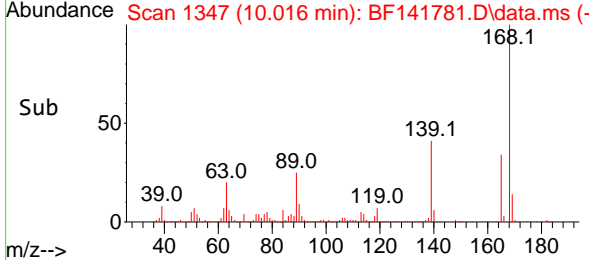
Instrument :  
 BNA\_F  
 Client Sample Id :  
 PB166875BS



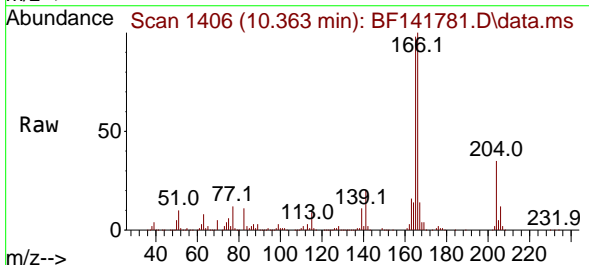
Tgt Ion:165 Resp: 154030

Ion	Ratio	Lower	Upper
165	100		
63	59.4	46.4	69.6
89	76.0	61.8	92.6
182	2.9	2.2	3.2

Manual Integrations  
**APPROVED**  
 Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

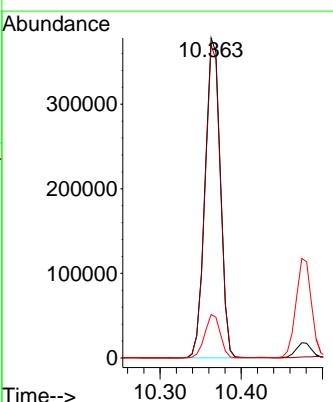
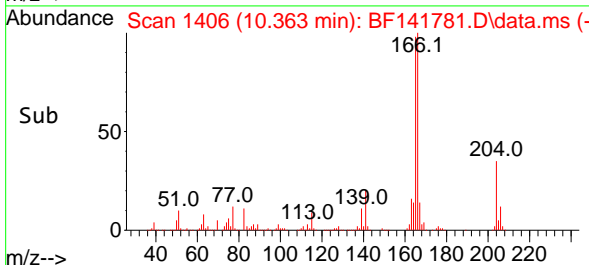


#58  
 Fluorene  
 Concen: 41.710 ng  
 RT: 10.363 min Scan# 1406  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

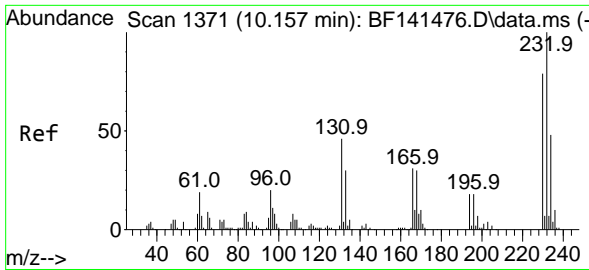


Tgt Ion:166 Resp: 494621

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.2
167	13.6	10.7	16.1







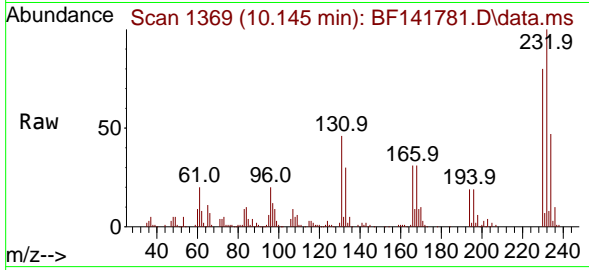
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 40.029 ng  
 RT: 10.145 min Scan# 1369  
 Delta R.T. -0.017 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS



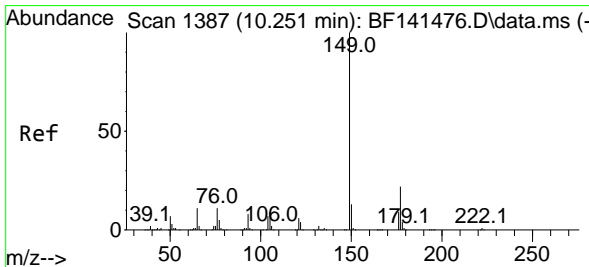
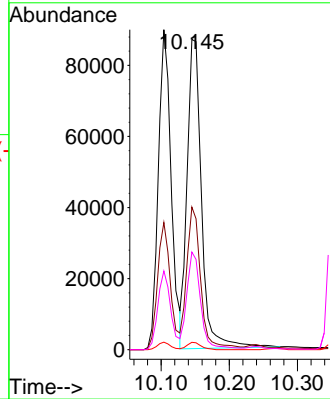
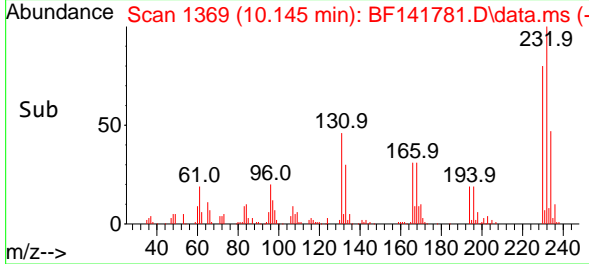
Tgt Ion:232 Resp: 12729  
 Ion Ratio Lower Upper  
 232 100  
 131 44.2 39.2 58.8  
 130 2.3 2.1 3.1  
 166 28.8 25.1 37.7

Manual Integrations

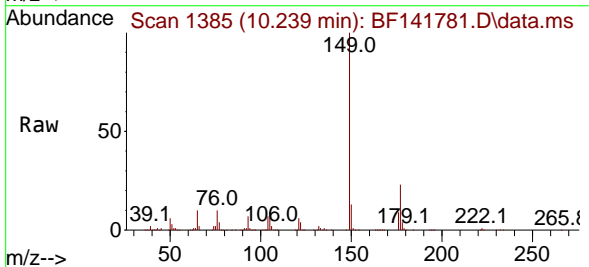
APPROVED

Reviewed By :Anahy Claudio 02/27/2025

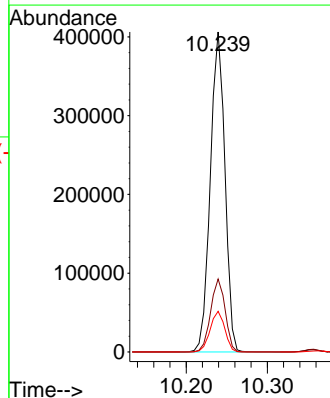
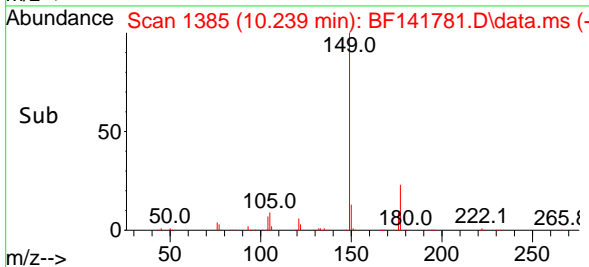
Supervised By :Jagrut Upadhyay 02/27/2025

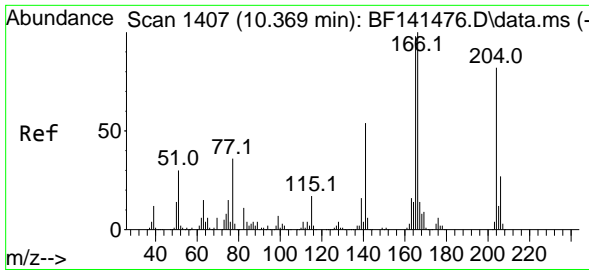


#60  
 Diethylphthalate  
 Concen: 41.565 ng  
 RT: 10.239 min Scan# 1385  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:149 Resp: 506014  
 Ion Ratio Lower Upper  
 149 100  
 177 22.8 17.8 26.6  
 150 12.7 10.1 15.1





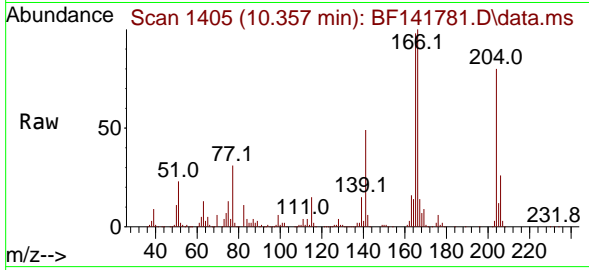
#61  
 4-Chlorophenyl-phenylether  
 Concen: 42.497 ng  
 RT: 10.357 min Scan# 1405  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

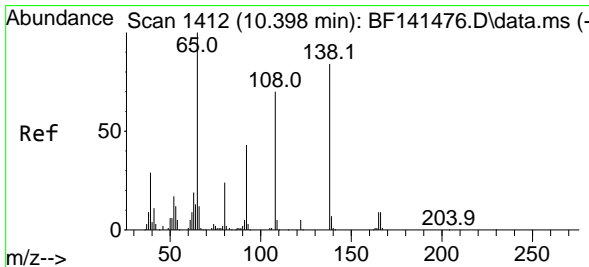
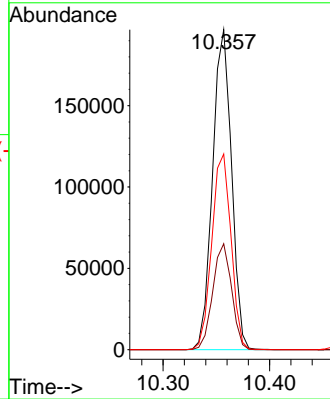
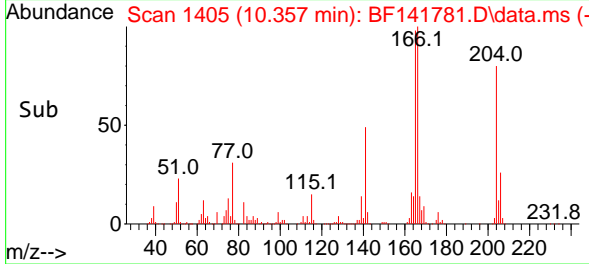


Tgt Ion:204 Resp: 24244  
 Ion Ratio Lower Upper  
 204 100  
 206 33.1 26.6 40.0  
 141 61.2 51.9 77.9

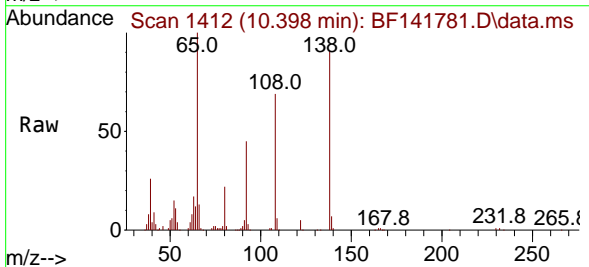
Manual Integrations

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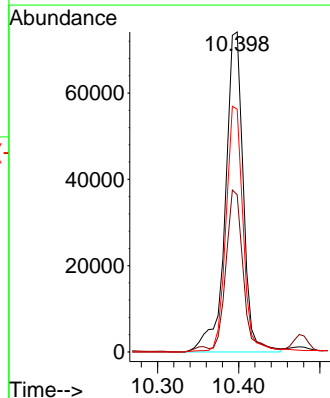
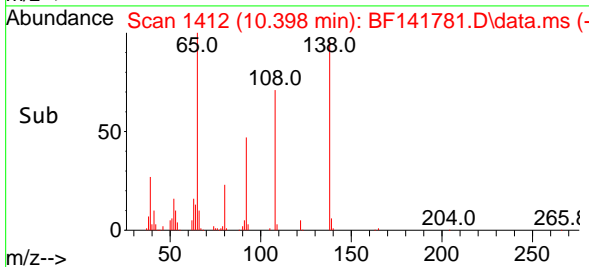
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

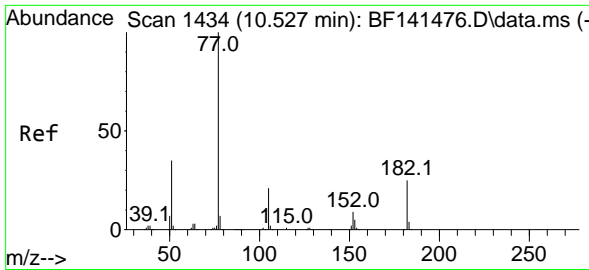


#62  
 4-Nitroaniline  
 Concen: 38.626 ng  
 RT: 10.398 min Scan# 1412  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:138 Resp: 114185  
 Ion Ratio Lower Upper  
 138 100  
 92 49.1 31.3 71.3  
 108 75.9 63.7 103.7





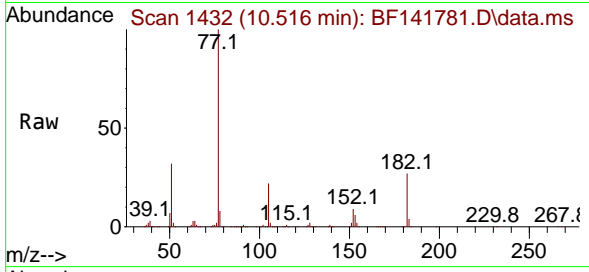
#63  
 Azobenzene  
 Concen: 38.729 ng  
 RT: 10.516 min Scan# 1432  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

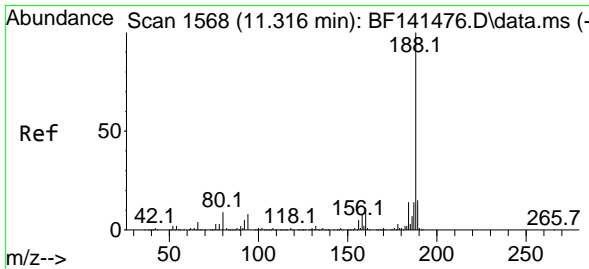
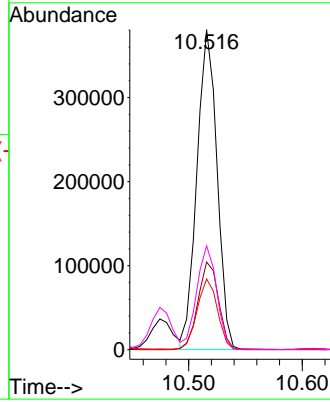
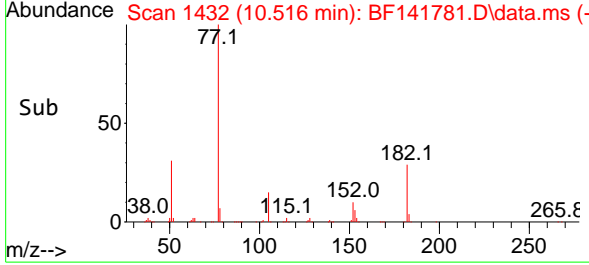


Tgt Ion: 77 Resp: 468720  
 Ion Ratio Lower Upper  
 77 100  
 182 27.4 4.7 44.7  
 105 22.1 0.4 40.4  
 51 32.4 16.5 56.5

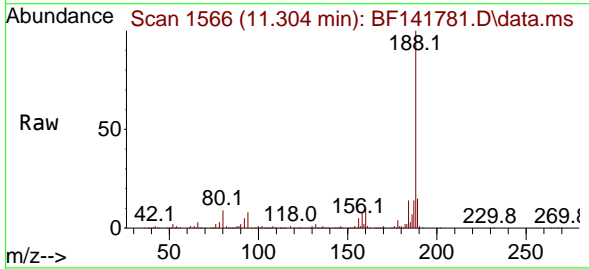
Manual Integrations

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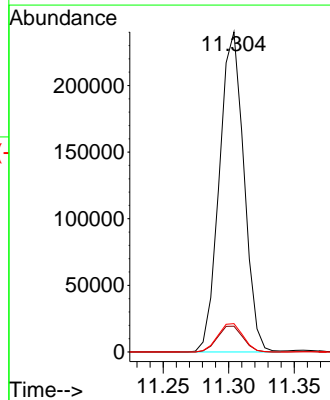
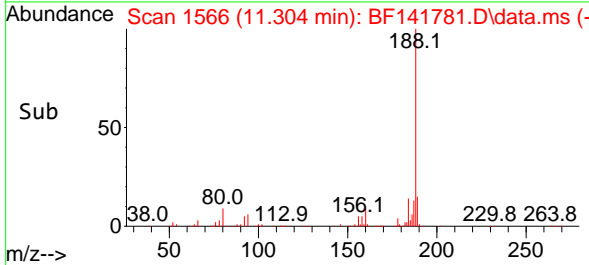
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

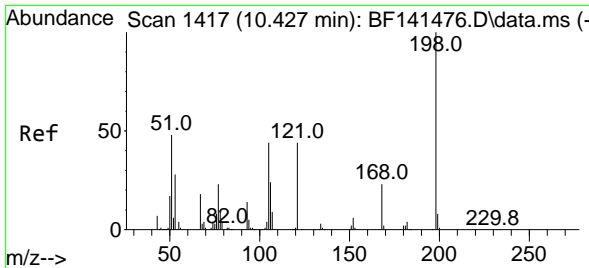


#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.304 min Scan# 1566  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:188 Resp: 312748  
 Ion Ratio Lower Upper  
 188 100  
 94 8.0 6.6 10.0  
 80 8.9 7.3 10.9





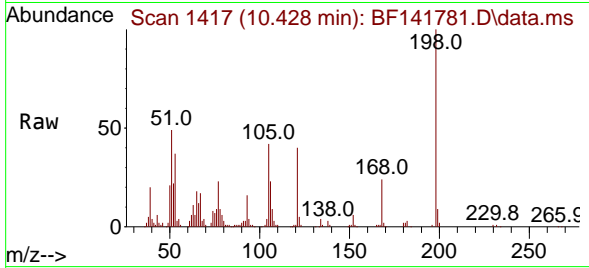
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.556 ng  
 RT: 10.428 min Scan# 1417  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

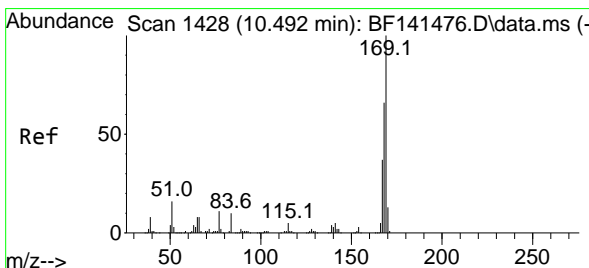
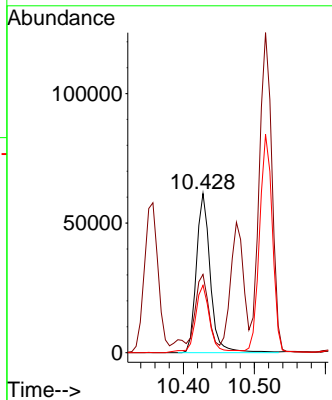
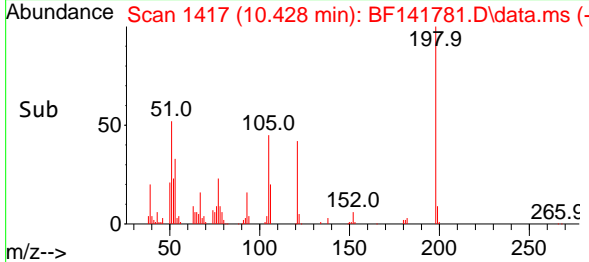
PB166875BS



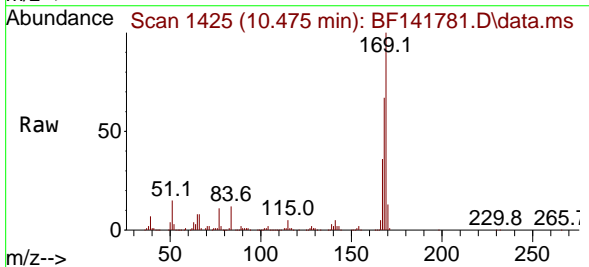
Tgt Ion:198 Resp: 83764  
 Ion Ratio Lower Upper  
 198 100  
 51 49.1 37.4 77.4  
 105 42.3 25.2 65.2

Manual Integrations  
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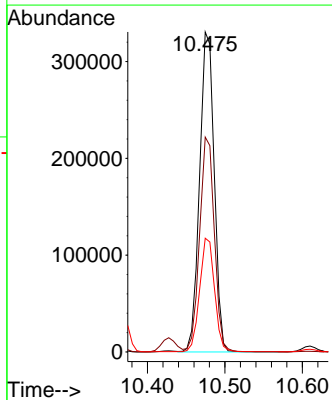
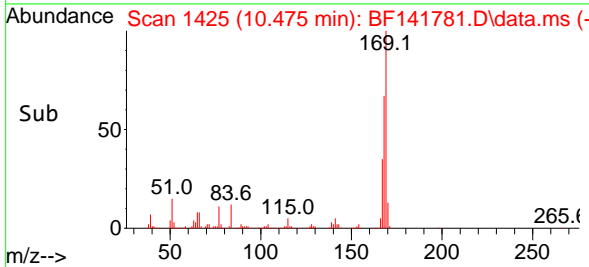
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

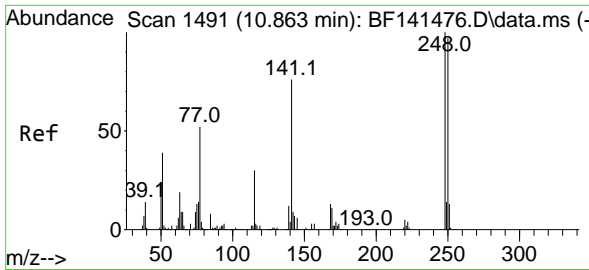


#66  
 n-Nitrosodiphenylamine  
 Concen: 43.299 ng  
 RT: 10.475 min Scan# 1425  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:169 Resp: 433486  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 53.3 79.9  
 167 35.6 29.4 44.2





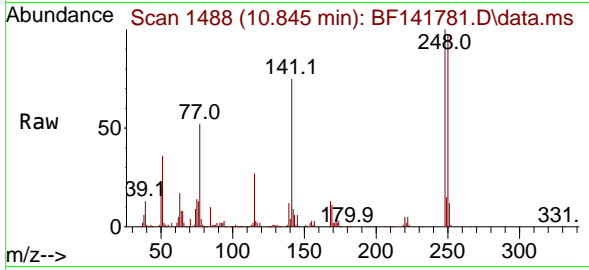
#67  
 4-Bromophenyl-phenylether  
 Concen: 43.214 ng  
 RT: 10.845 min Scan# 1488  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

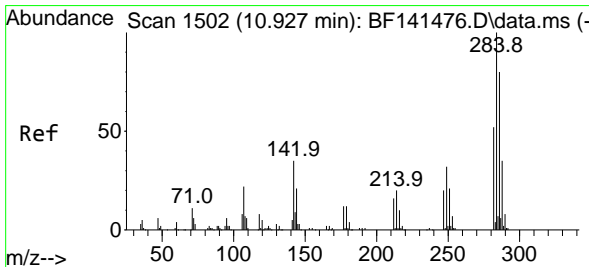
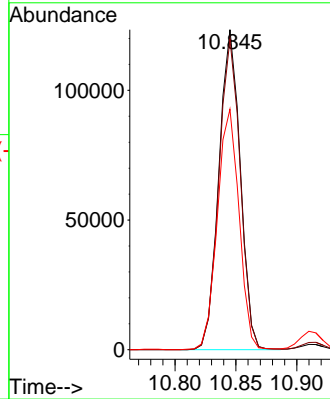
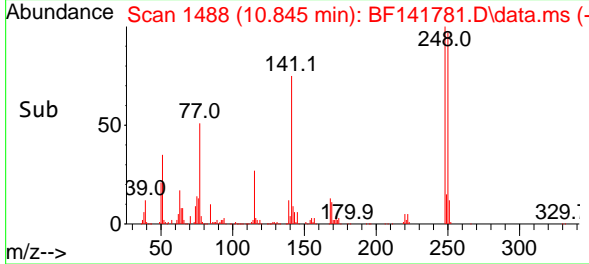


Tgt Ion:248 Resp: 15104  
 Ion Ratio Lower Upper  
 248 100  
 250 97.0 77.8 116.6  
 141 75.2 60.6 90.8

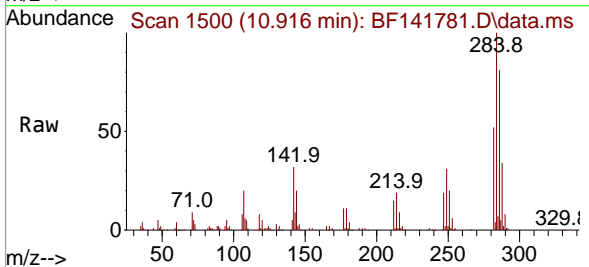
Manual Integrations

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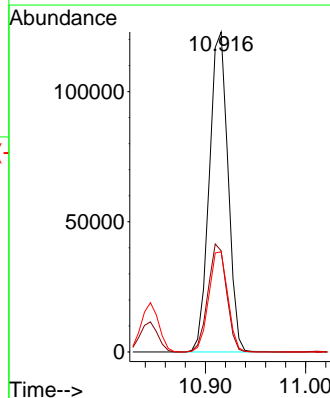
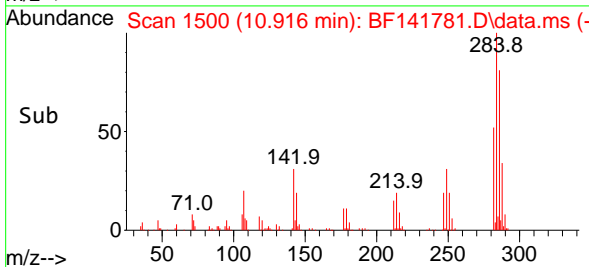
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

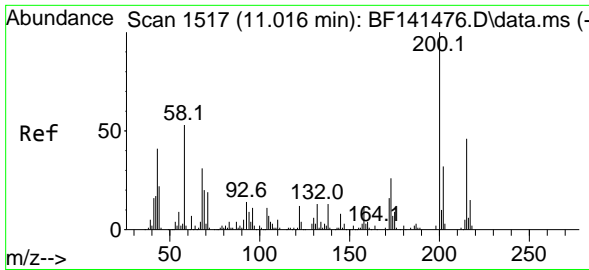


#68  
 Hexachlorobenzene  
 Concen: 44.242 ng  
 RT: 10.916 min Scan# 1500  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:284 Resp: 159239  
 Ion Ratio Lower Upper  
 284 100  
 142 31.6 28.0 42.0  
 249 31.3 25.8 38.8





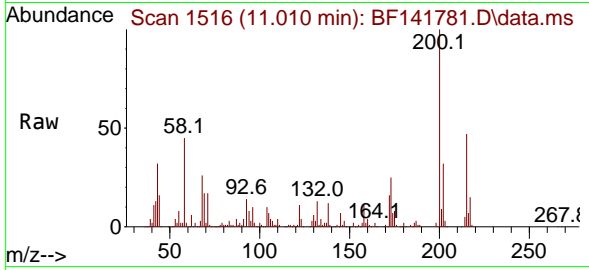
#69  
 Atrazine  
 Concen: 55.593 ng  
 RT: 11.010 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS

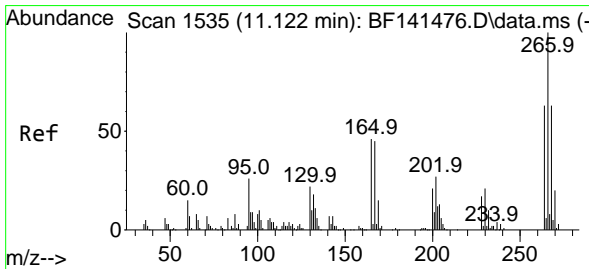
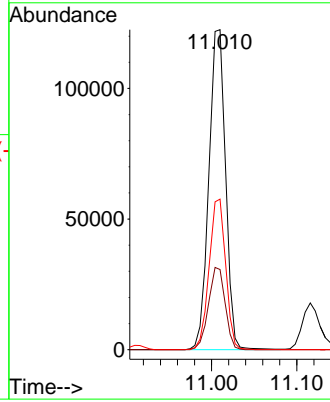
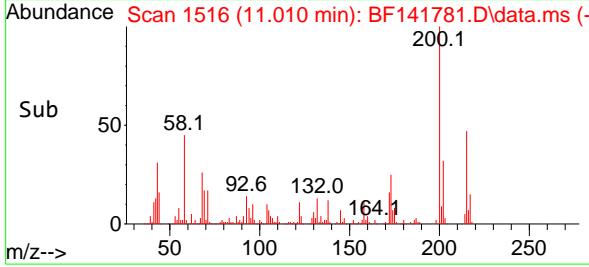


Tgt Ion:200 Resp: 16696  
 Ion Ratio Lower Upper  
 200 100  
 173 25.0 5.9 45.9  
 215 47.0 25.9 65.9

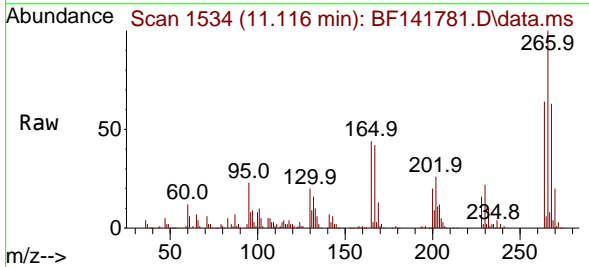
Manual Integrations

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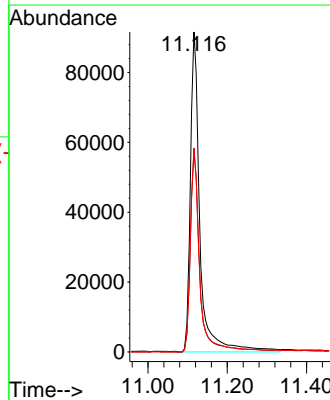
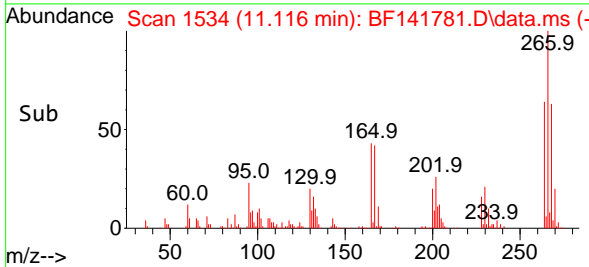
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

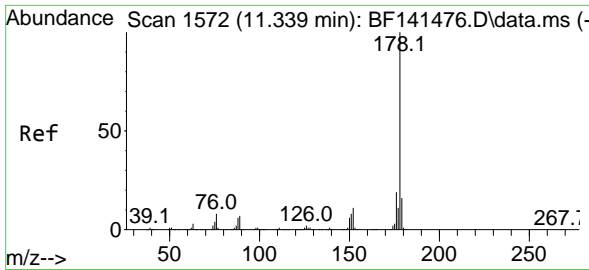


#70  
 Pentachlorophenol  
 Concen: 67.245 ng  
 RT: 11.116 min Scan# 1534  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



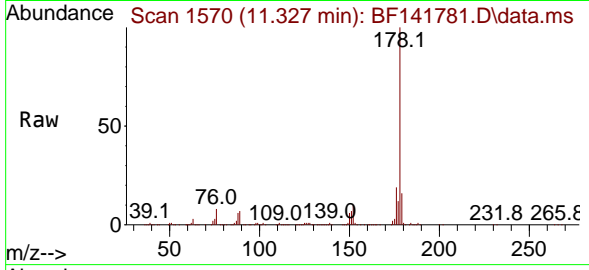
Tgt Ion:266 Resp: 154762  
 Ion Ratio Lower Upper  
 266 100  
 268 63.0 50.1 75.1  
 264 63.7 50.1 75.1





#71  
 Phenanthrene  
 Concen: 42.437 ng  
 RT: 11.327 min Scan# 1570  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

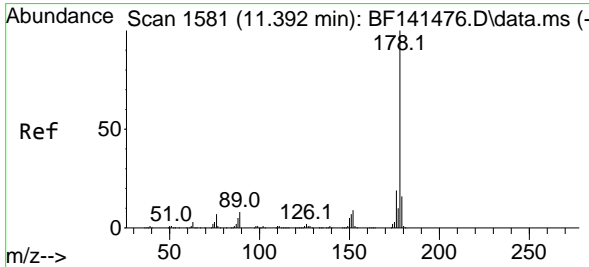
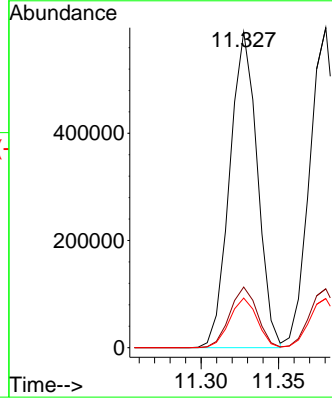
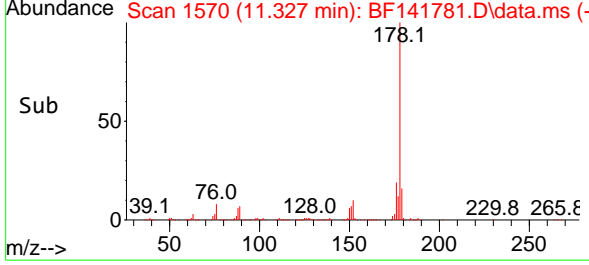
Instrument : BNA\_F  
 Client Sample Id : PB166875BS



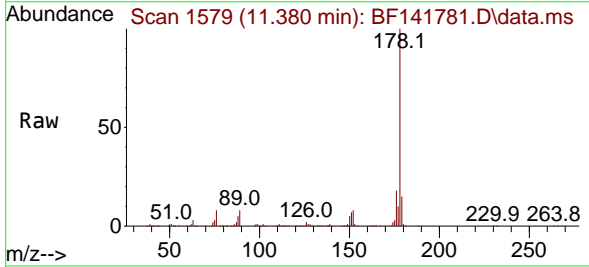
Tgt Ion:178 Resp: 730560  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 15.4 23.0  
 179 15.7 12.4 18.6

Manual Integrations  
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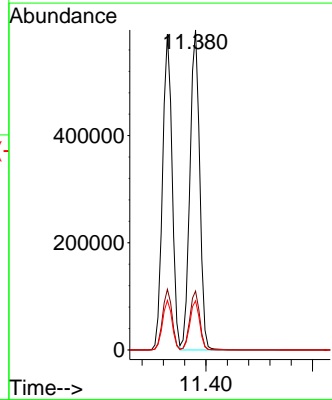
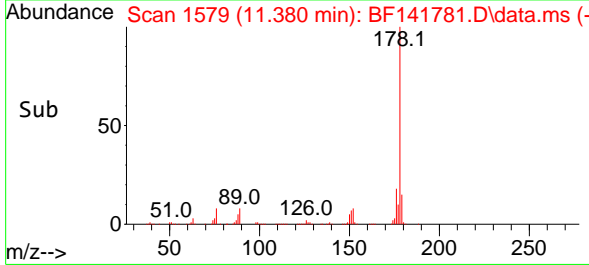
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

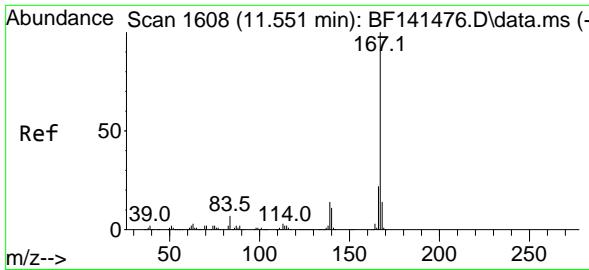


#72  
 Anthracene  
 Concen: 43.887 ng  
 RT: 11.380 min Scan# 1579  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:178 Resp: 759498  
 Ion Ratio Lower Upper  
 178 100  
 176 18.4 14.8 22.2  
 179 15.4 12.4 18.6





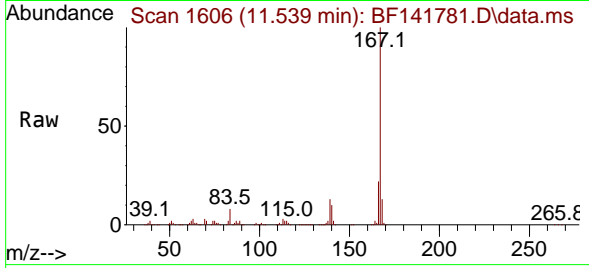
#73  
 Carbazole  
 Concen: 41.505 ng  
 RT: 11.539 min Scan# 1606  
 Delta R.T. -0.012 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client Sample Id :

PB166875BS



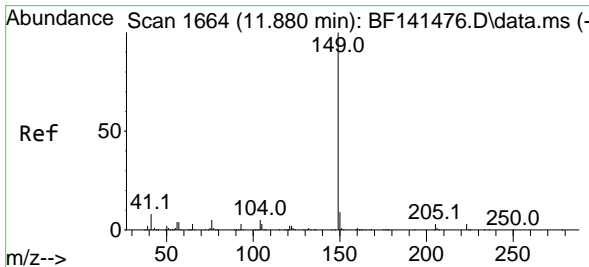
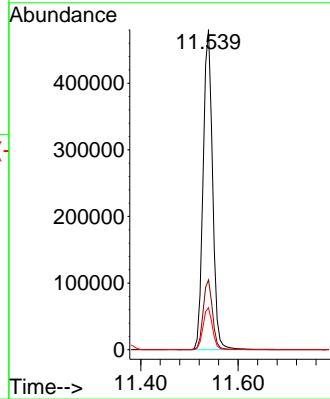
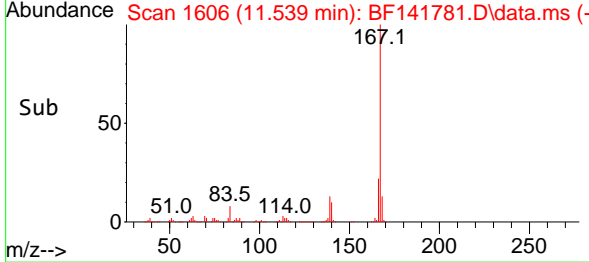
Tgt Ion:167 Resp: 64629  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 17.4 26.2  
 139 13.1 10.9 16.3

Manual Integrations

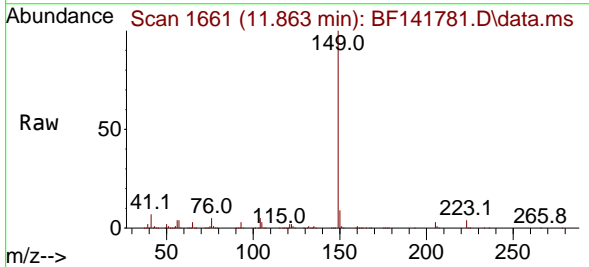
APPROVED

Reviewed By :Anahy Claudio 02/27/2025

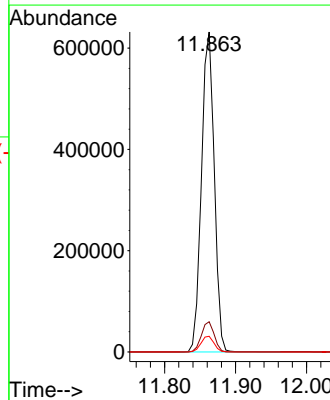
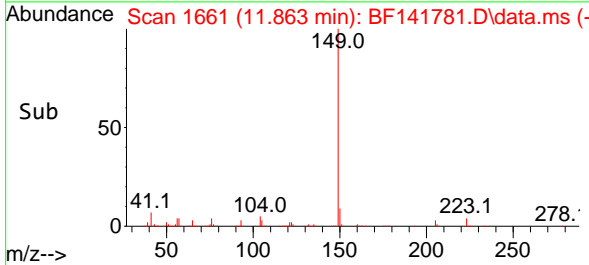
Supervised By :Jagrut Upadhyay 02/27/2025



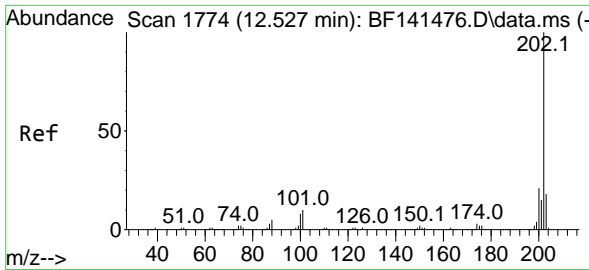
#74  
 Di-n-butylphthalate  
 Concen: 44.122 ng  
 RT: 11.863 min Scan# 1661  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:149 Resp: 793310  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.4 11.0  
 104 4.9 4.2 6.2







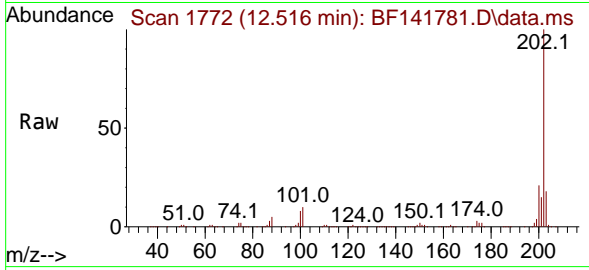
#75  
 Fluoranthene  
 Concen: 41.225 ng  
 RT: 12.516 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

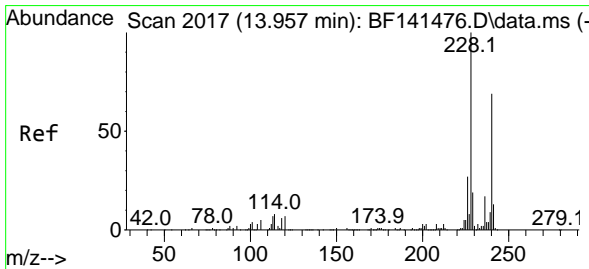
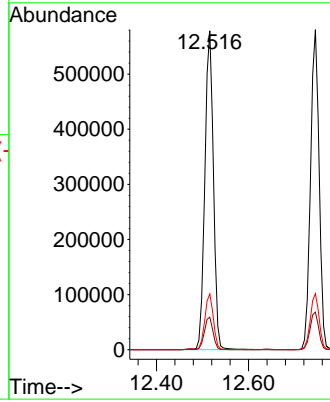
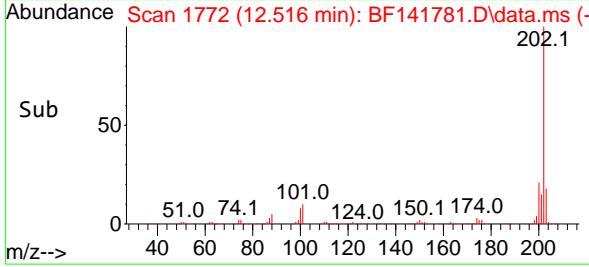


Tgt Ion:202 Resp: 752428  
 Ion Ratio Lower Upper  
 202 100  
 101 10.2 0.0 30.2  
 203 17.5 0.0 37.6

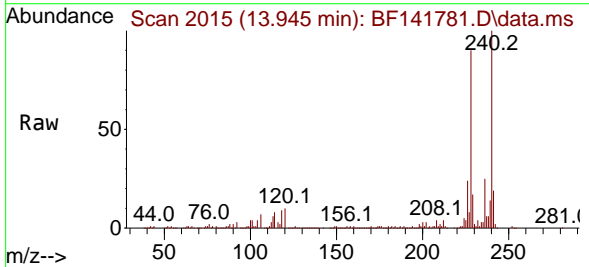
Manual Integrations

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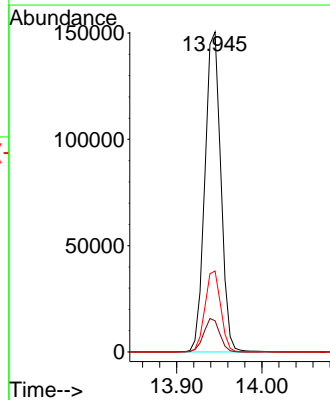
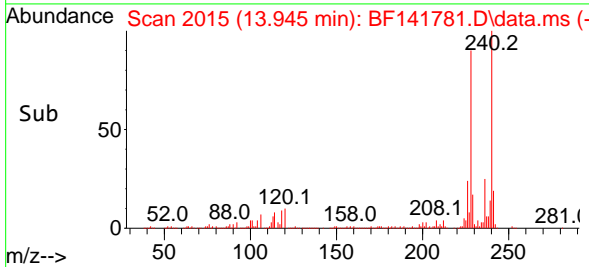
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

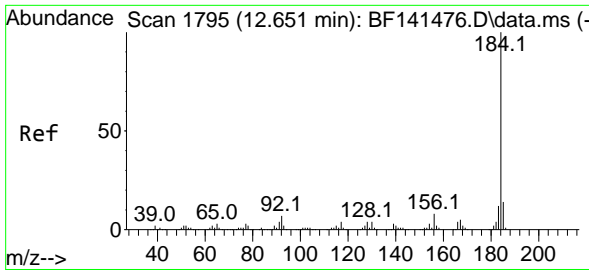


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.945 min Scan# 2015  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:240 Resp: 195301  
 Ion Ratio Lower Upper  
 240 100  
 120 9.8 8.0 12.0  
 236 25.3 19.8 29.8





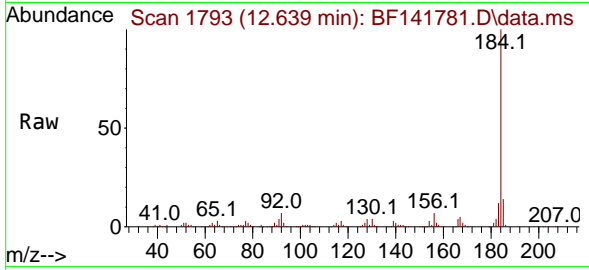
#77  
 Benzidine  
 Concen: 48.330 ng  
 RT: 12.639 min Scan# 11  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

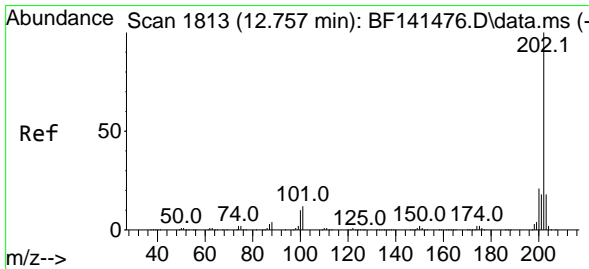
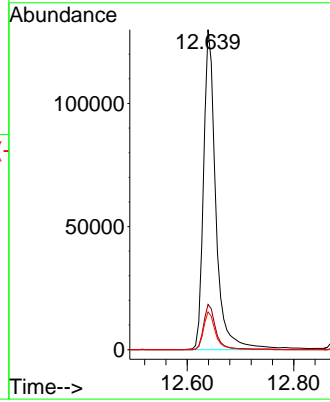
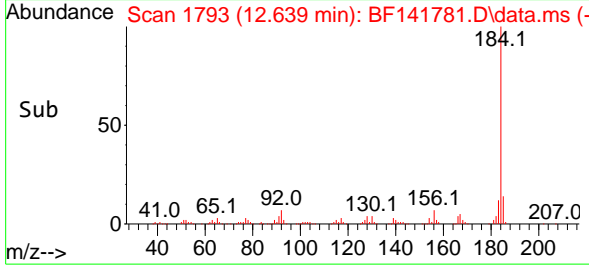


Tgt Ion:184 Resp: 20816  
 Ion Ratio Lower Upper  
 184 100  
 185 14.1 11.3 16.9  
 183 11.8 9.3 13.9

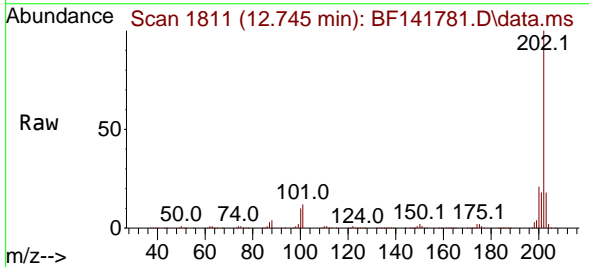
Manual Integrations

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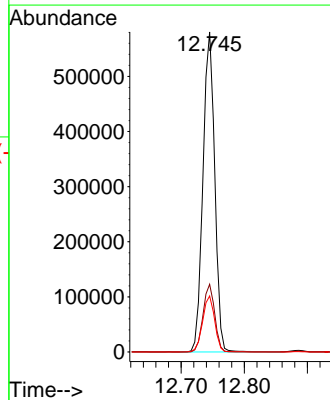
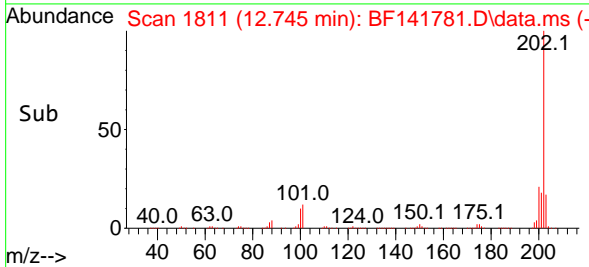
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

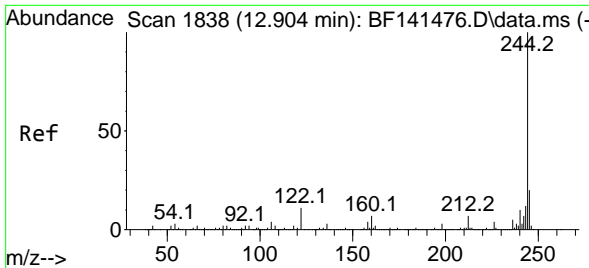


#78  
 Pyrene  
 Concen: 45.106 ng  
 RT: 12.745 min Scan# 1811  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:202 Resp: 749905  
 Ion Ratio Lower Upper  
 202 100  
 200 21.1 17.0 25.4  
 203 17.5 14.3 21.5





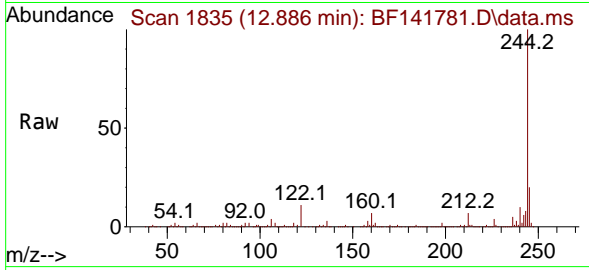
#79  
 Terphenyl-d14  
 Concen: 102.210 ng  
 RT: 12.886 min Scan# 1835  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleID :

PB166875BS

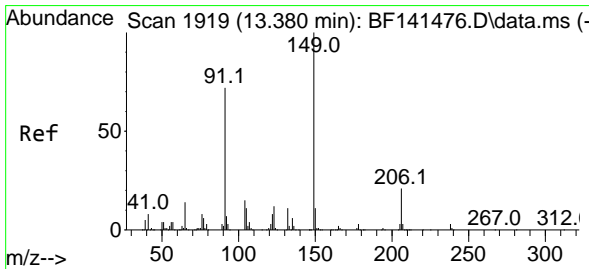
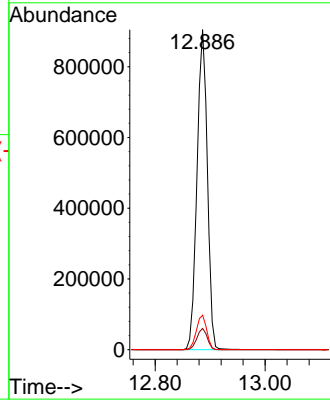
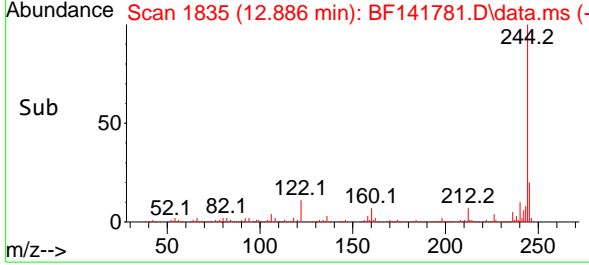


Tgt Ion:244 Resp: 118244  
 Ion Ratio Lower Upper  
 244 100  
 212 6.7 5.6 8.4  
 122 10.8 8.4 12.6

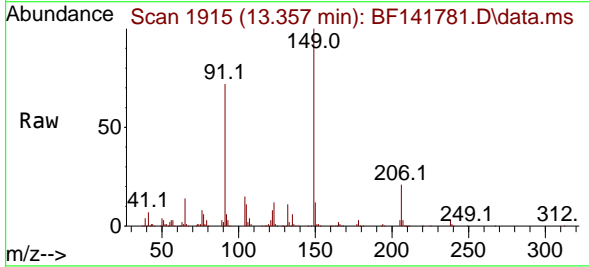
Manual Integrations

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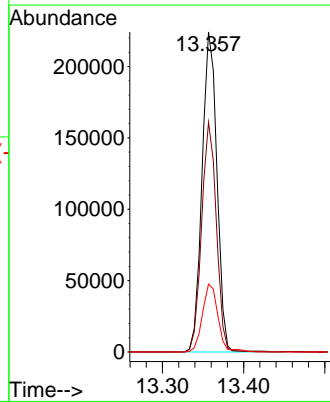
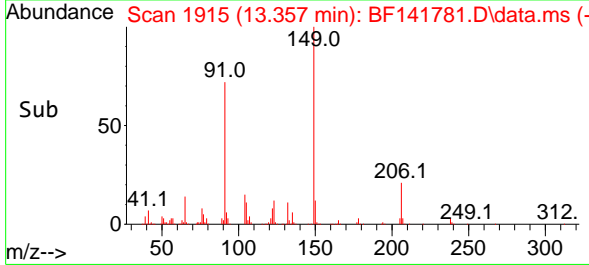
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

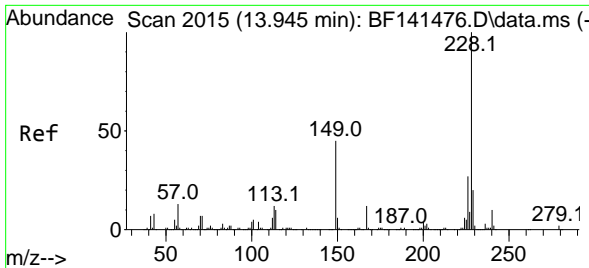


#80  
 Butylbenzylphthalate  
 Concen: 49.557 ng  
 RT: 13.357 min Scan# 1915  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:149 Resp: 285374  
 Ion Ratio Lower Upper  
 149 100  
 91 71.8 57.8 86.8  
 206 21.2 16.7 25.1





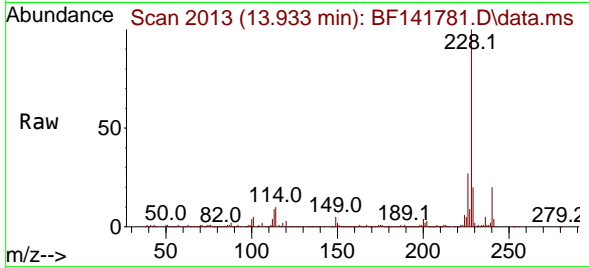
#81  
 Benzo(a)anthracene  
 Concen: 44.187 ng  
 RT: 13.933 min Scan# 2007  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

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ClientSampleId :

PB166875BS

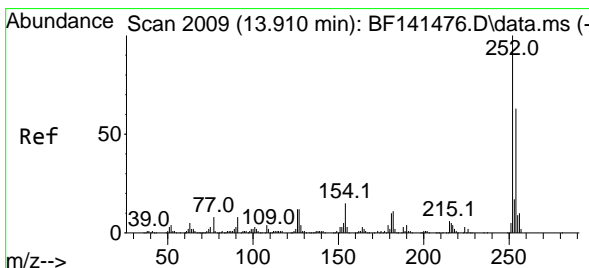
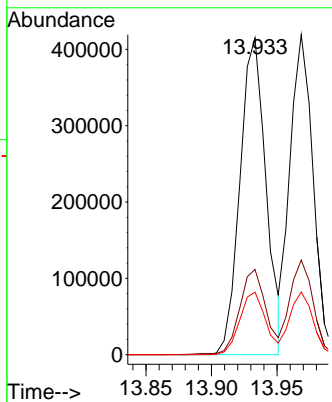
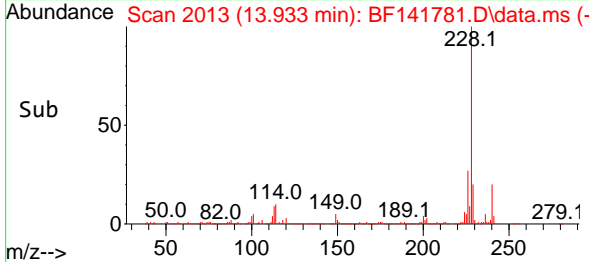


Tgt Ion:228 Resp: 573650  
 Ion Ratio Lower Upper  
 228 100  
 226 26.9 21.8 32.8  
 229 19.8 15.8 23.6

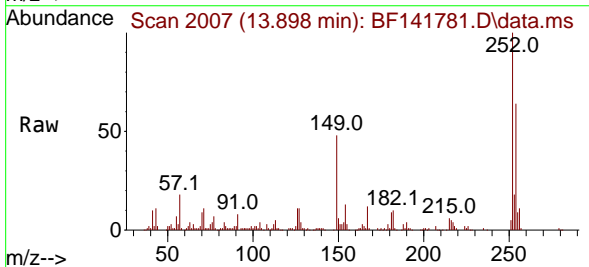
Manual Integrations

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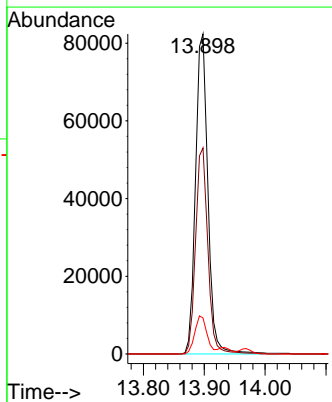
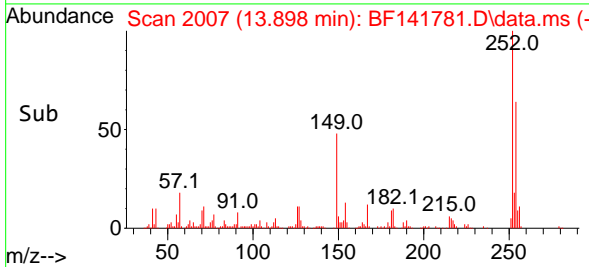
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

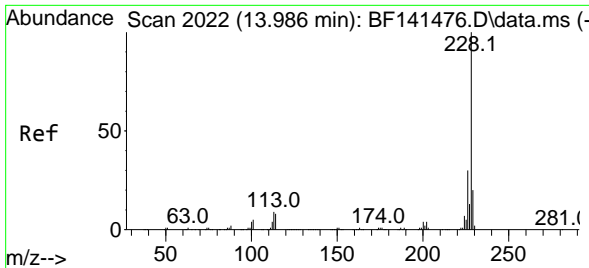


#82  
 3,3'-Dichlorobenzidine  
 Concen: 31.359 ng  
 RT: 13.898 min Scan# 2007  
 Delta R.T. -0.018 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



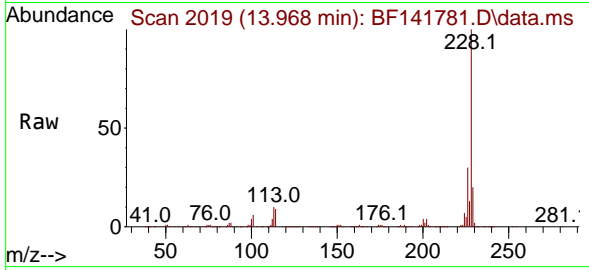
Tgt Ion:252 Resp: 116620  
 Ion Ratio Lower Upper  
 252 100  
 254 64.4 50.6 76.0  
 126 11.2 9.3 13.9





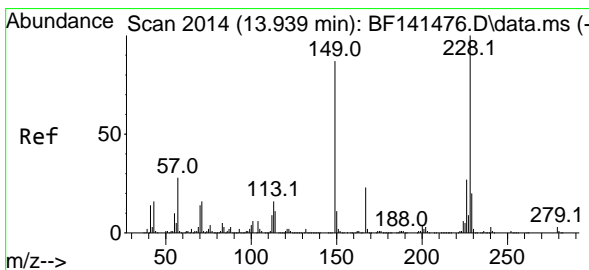
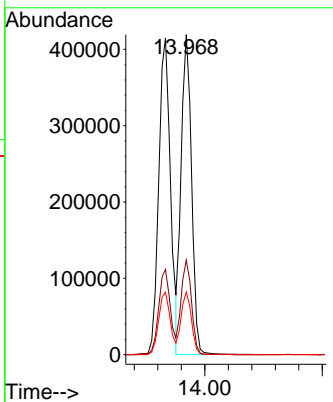
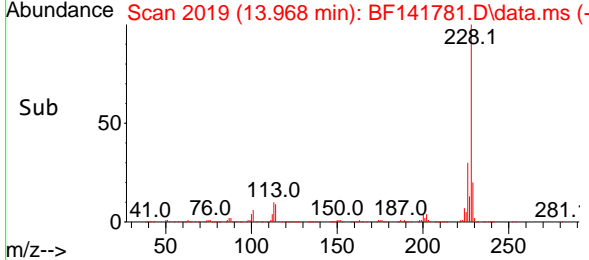
#83  
 Chrysene  
 Concen: 42.944 ng  
 RT: 13.968 min Scan# 2019  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument : BNA\_F  
 Client Sample Id : PB166875BS

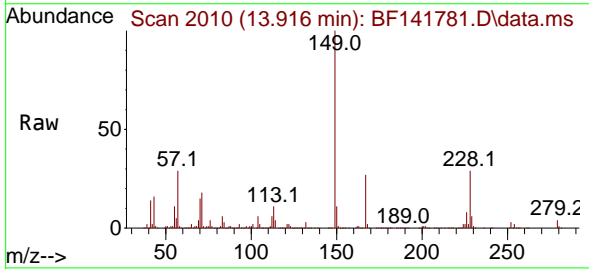


Tgt Ion: 228 Resp: 51477  
 Ion Ratio Lower Upper  
 228 100  
 226 29.5 24.0 36.0  
 229 19.6 15.7 23.5

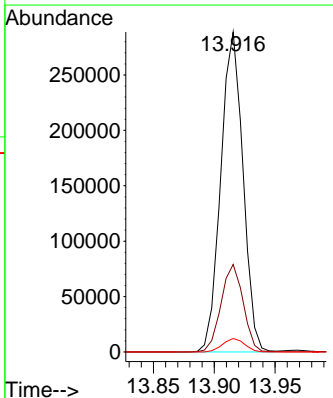
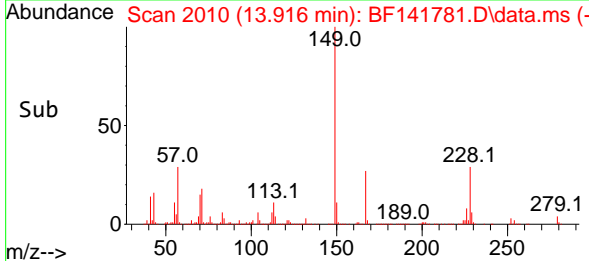
Manual Integrations  
**APPROVED**  
 Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

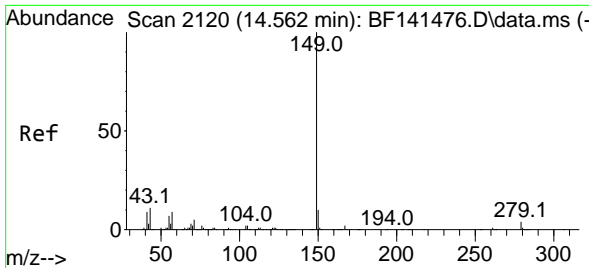


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 56.515 ng  
 RT: 13.916 min Scan# 2010  
 Delta R.T. -0.023 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion: 149 Resp: 367049  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 21.4 32.0  
 279 4.2 3.1 4.7





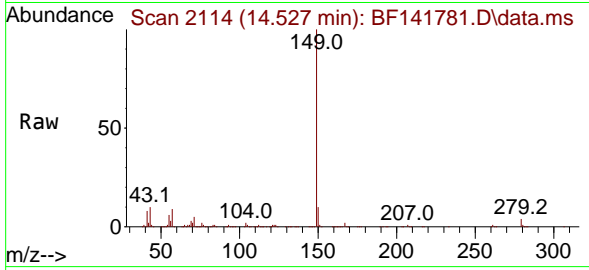
#85  
 Di-n-octyl phthalate  
 Concen: 57.595 ng  
 RT: 14.527 min Scan# 2114  
 Delta R.T. -0.035 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

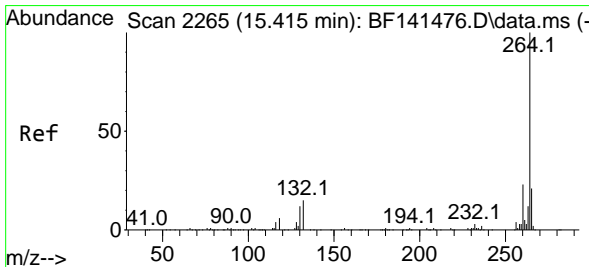
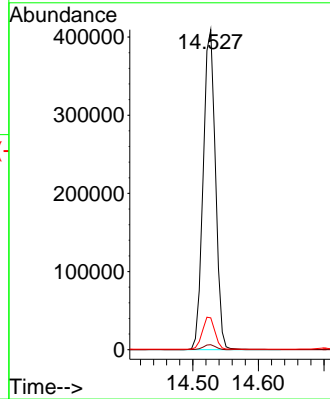
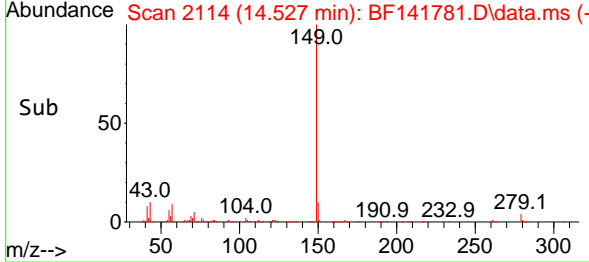


Tgt Ion:149 Resp: 533634  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.3 1.9  
 43 10.2 9.5 14.3

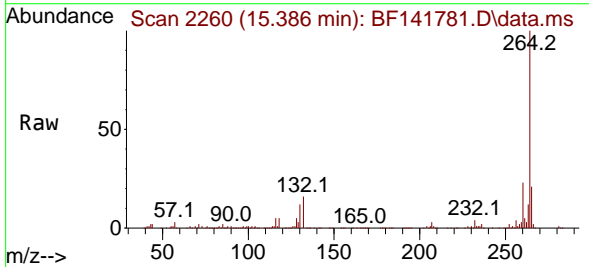
Manual Integrations

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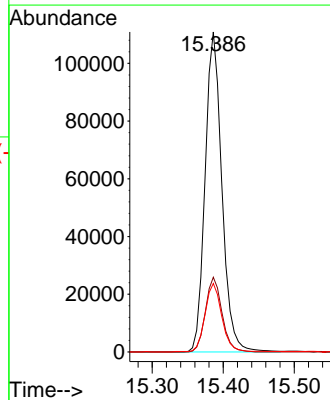
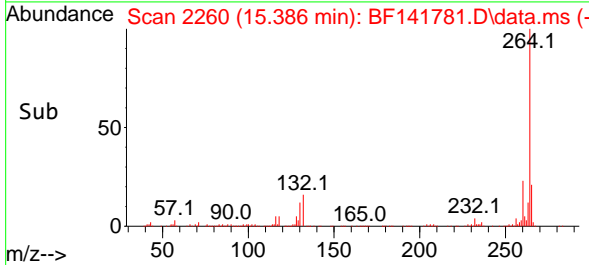
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

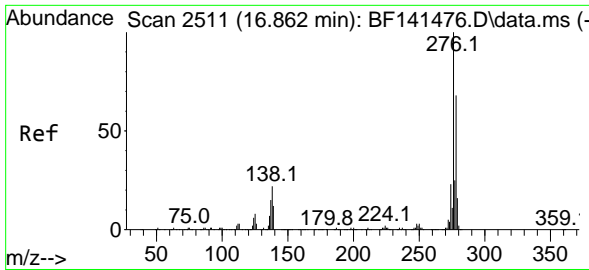


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.386 min Scan# 2260  
 Delta R.T. -0.029 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:264 Resp: 182516  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 18.6 28.0  
 265 21.4 17.0 25.4





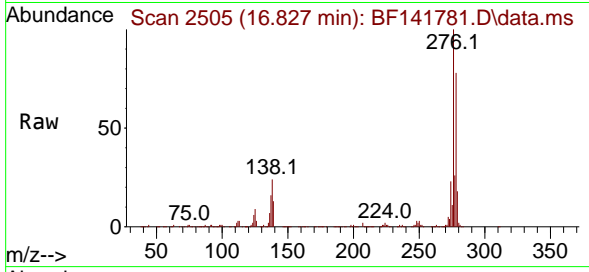
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.682 ng  
 RT: 16.827 min Scan# 2189  
 Delta R.T. -0.047 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

Client SampleID :

PB166875BS

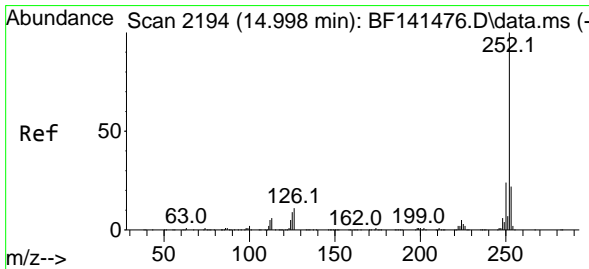
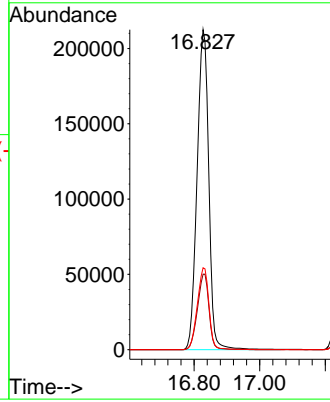
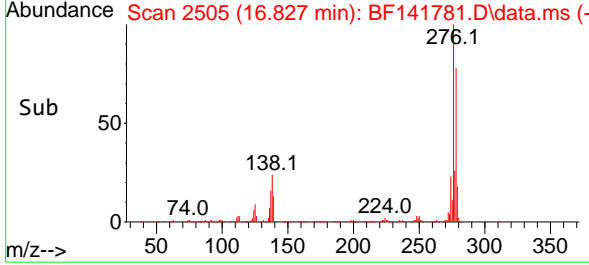


Tgt Ion: 276 Resp: 526450  
 Ion Ratio Lower Upper  
 276 100  
 138 23.3 18.0 27.0  
 277 25.4 20.4 30.6

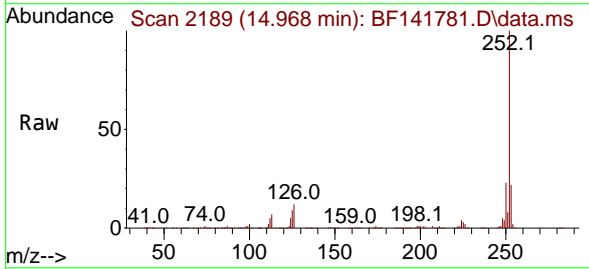
Manual Integrations

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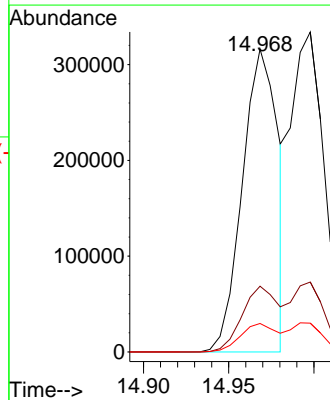
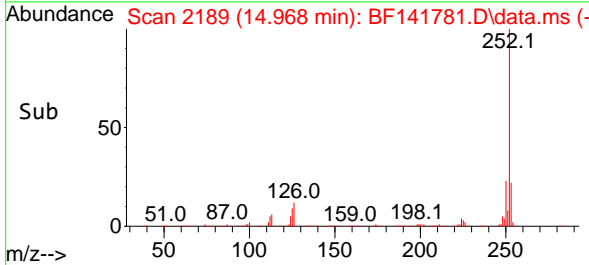
Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

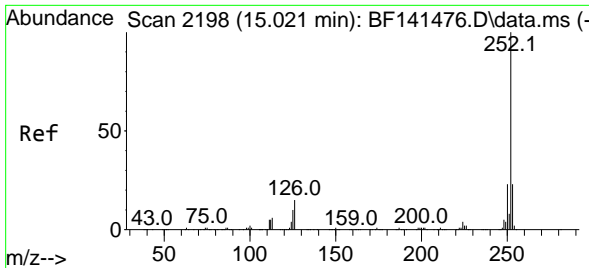


#88  
 Benzo(b)fluoranthene  
 Concen: 37.542 ng  
 RT: 14.968 min Scan# 2189  
 Delta R.T. -0.035 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion: 252 Resp: 460075  
 Ion Ratio Lower Upper  
 252 100  
 253 21.7 17.5 26.3  
 125 9.4 7.0 10.6





#89  
 Benzo(k)fluoranthene  
 Concen: 43.793 ng  
 RT: 14.998 min Scan# 2198  
 Delta R.T. -0.035 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

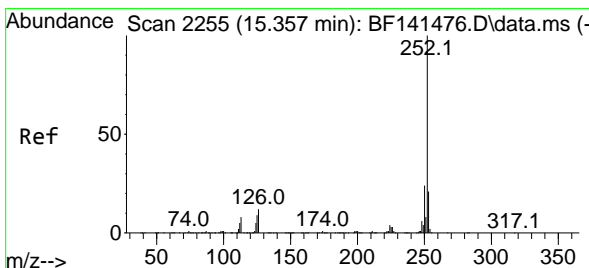
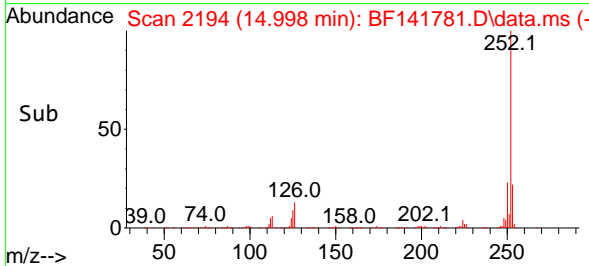
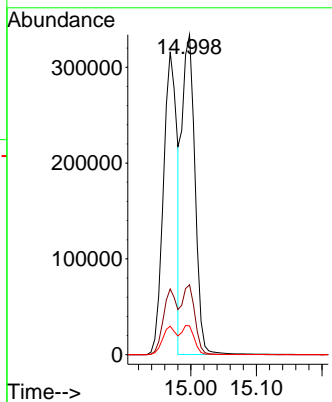
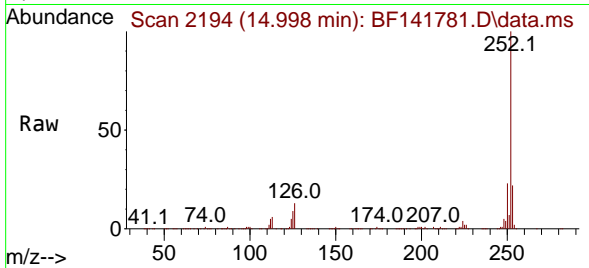
ClientSampleId :

PB166875BS

Tgt Ion:252 Resp: 45828  
 Ion Ratio Lower Upper  
 252 100  
 253 21.8 18.0 27.0  
 125 9.0 7.4 11.0

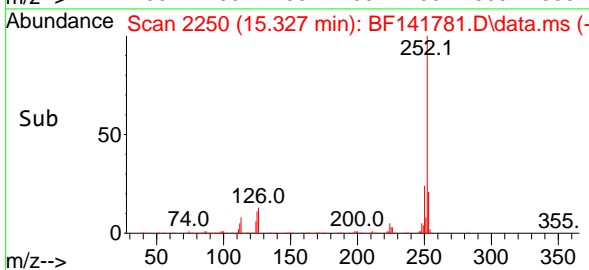
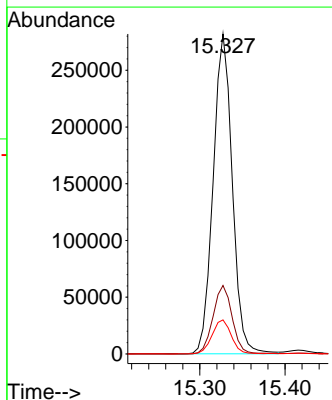
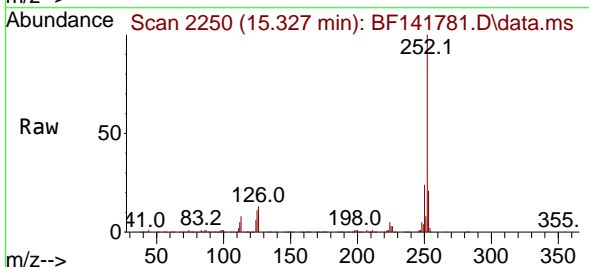
Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025

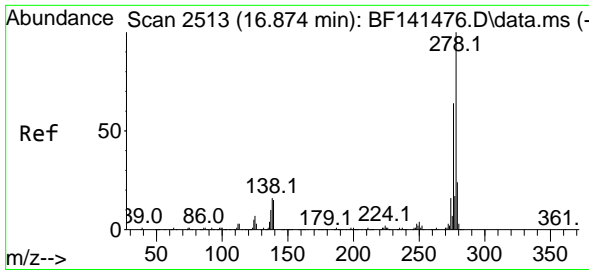


#90  
 Benzo(a)pyrene  
 Concen: 44.313 ng  
 RT: 15.327 min Scan# 2250  
 Delta R.T. -0.035 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Tgt Ion:252 Resp: 439422  
 Ion Ratio Lower Upper  
 252 100  
 253 21.4 17.1 25.7  
 125 10.7 7.4 11.2







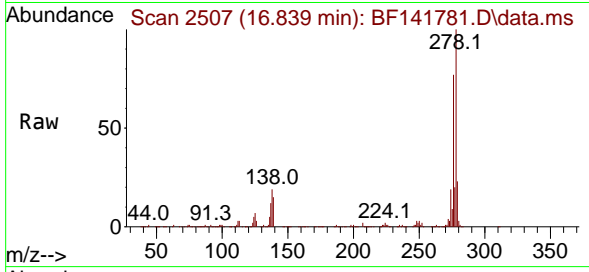
#91  
 Dibenzo(a,h)anthracene  
 Concen: 46.704 ng  
 RT: 16.839 min Scan# 2507  
 Delta R.T. -0.053 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24

Instrument :

BNA\_F

ClientSampleId :

PB166875BS

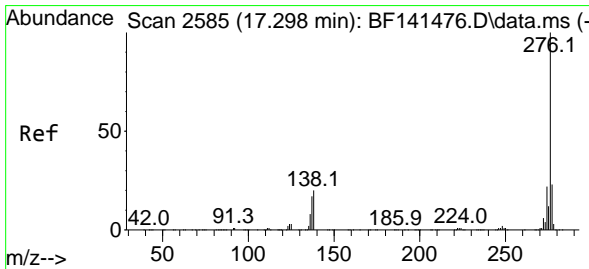
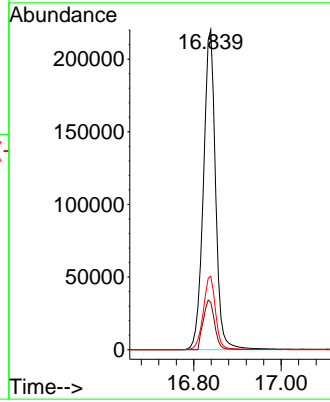
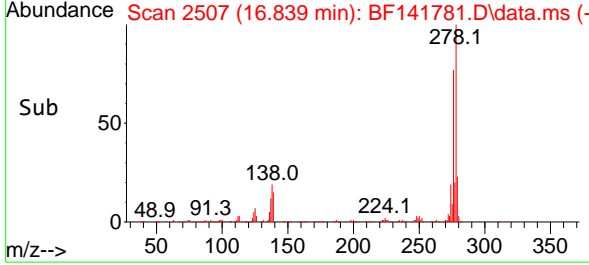


Tgt Ion:278 Resp: 426778  
 Ion Ratio Lower Upper  
 278 100  
 139 14.8 11.8 17.6  
 279 23.0 19.1 28.7

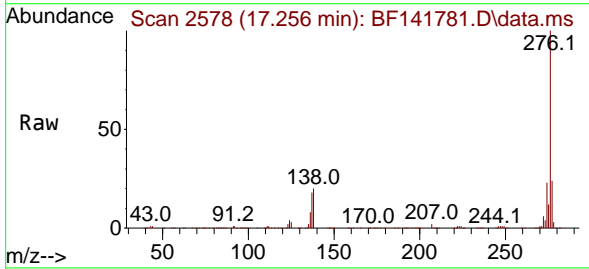
Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 02/27/2025  
 Supervised By :Jagrut Upadhyay 02/27/2025



#92  
 Benzo(g,h,i)perylene  
 Concen: 42.294 ng  
 RT: 17.256 min Scan# 2578  
 Delta R.T. -0.059 min  
 Lab File: BF141781.D  
 Acq: 26 Feb 2025 14:24



Tgt Ion:276 Resp: 404443  
 Ion Ratio Lower Upper  
 276 100  
 277 23.9 18.6 28.0  
 138 20.2 15.9 23.9

