

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142158.D
 Acq On : 28 Mar 2025 14:07
 Operator : RC/JU
 Sample : Q1642-02MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525MSD

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

Quant Time: Mar 28 14:30:12 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	131872	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	531417	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	311842	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	525656	20.000	ng	0.00
76) Chrysene-d12	14.039	240	306222	20.000	ng	0.00
86) Perylene-d12	15.510	264	333261	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	970984	122.887	ng	0.01
7) Phenol-d6	6.504	99	1155468	114.854	ng	0.00
23) Nitrobenzene-d5	7.440	82	873413	92.493	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	622934	157.461	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1927212	93.987	ng	-0.01
79) Terphenyl-d14	12.980	244	2067478	99.819	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	127482	38.506	ng	# 83
3) Pyridine	3.528	79	312120	38.434	ng	96
4) n-Nitrosodimethylamine	3.463	42	168612	43.556	ng	98
6) Aniline	6.534	93	168764	17.005	ng	# 74
8) 2-Chlorophenol	6.657	128	457350	52.189	ng	99
9) Benzaldehyde	6.422	77	159762	28.395	ng	99
10) Phenol	6.516	94	467021	44.126	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	383845	48.300	ng	98
12) 1,3-Dichlorobenzene	6.816	146	403882	42.689	ng	98
13) 1,4-Dichlorobenzene	6.893	146	411915	43.031	ng	98
14) 1,2-Dichlorobenzene	7.040	146	402694	44.663	ng	99
15) Benzyl Alcohol	7.016	79	412365	50.702	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	404274	42.136	ng	91
17) 2-Methylphenol	7.122	107	367911	52.802	ng	99
18) Hexachloroethane	7.387	117	149264	41.582	ng	93
19) n-Nitroso-di-n-propyla...	7.287	70	310992	48.109	ng	99
20) 3+4-Methylphenols	7.281	107	462802	51.856	ng	# 79
22) Acetophenone	7.281	105	615475	48.363	ng	95
24) Nitrobenzene	7.457	77	470327	50.101	ng	98
25) Isophorone	7.693	82	894223	53.571	ng	99
26) 2-Nitrophenol	7.769	139	257619	55.914	ng	99
27) 2,4-Dimethylphenol	7.804	122	442938	69.818	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	528450	50.475	ng	99
29) 2,4-Dichlorophenol	8.010	162	429727	54.571	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	424924	48.965	ng	99
31) Naphthalene	8.175	128	1303515	47.751	ng	100
32) Benzoic acid	7.904	122	131433m	23.568	ng	
33) 4-Chloroaniline	8.222	127	63808	6.621	ng	98
34) Hexachlorobutadiene	8.292	225	275281	48.641	ng	99
35) Caprolactam	8.604	113	95245m	39.672	ng	
36) 4-Chloro-3-methylphenol	8.710	107	476284	54.220	ng	95
37) 2-Methylnaphthalene	8.869	142	858834	47.069	ng	100
38) 1-Methylnaphthalene	8.969	142	895288	50.847	ng	100
40) 1,2,4,5-Tetrachloroben...	9.034	216	505586	53.251	ng	99
41) Hexachlorocyclopentadiene	9.022	237	646234	173.920	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	353905	57.036	ng	99

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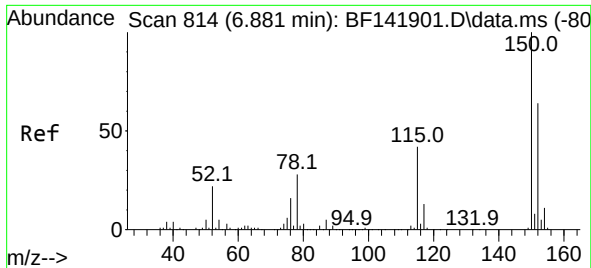
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	362143	57.626	ng	98
46) 1,1'-Biphenyl	9.334	154	1237478	52.227	ng	100
47) 2-Chloronaphthalene	9.357	162	940177	53.236	ng	98
48) 2-Nitroaniline	9.451	65	274516	53.685	ng	98
49) Acenaphthylene	9.775	152	1502115	57.316	ng	100
50) Dimethylphthalate	9.634	163	1202847	55.082	ng	100
51) 2,6-Dinitrotoluene	9.698	165	259119	56.990	ng	92
52) Acenaphthene	9.945	154	1012699	54.986	ng	100
53) 3-Nitroaniline	9.863	138	73444	15.924	ng	97
54) 2,4-Dinitrophenol	9.975	184	148767	59.428	ng	# 44
55) Dibenzofuran	10.116	168	1374246	52.220	ng	99
56) 4-Nitrophenol	10.028	139	322647	92.765	ng	96
57) 2,4-Dinitrotoluene	10.104	165	361926	60.945	ng	99
58) Fluorene	10.463	166	1104684	54.433	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.234	232	308375	53.925	ng	96
60) Diethylphthalate	10.334	149	1178180	54.108	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	587575	55.534	ng	97
62) 4-Nitroaniline	10.481	138	245587	54.695	ng	98
63) Azobenzene	10.610	77	1009238	49.853	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	143971	45.943	ng	96
66) n-Nitrosodiphenylamine	10.575	169	973826	57.249	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	387711	58.730	ng	94
68) Hexachlorobenzene	11.010	284	441629	60.994	ng	94
69) Atrazine	11.098	200	328742	63.041	ng	99
70) Pentachlorophenol	11.204	266	267968	60.068	ng	99
71) Phenanthrene	11.422	178	1593807	56.135	ng	100
72) Anthracene	11.475	178	1612313	56.602	ng	100
73) Carbazole	11.628	167	1356767	55.230	ng	100
74) Di-n-butylphthalate	11.957	149	1718306	52.715	ng	100
75) Fluoranthene	12.610	202	1461014	48.510	ng	100
77) Benzidine	12.733	184	120290	28.155	ng	# 73
78) Pyrene	12.839	202	1403256	52.976	ng	100
80) Butylbenzylphthalate	13.457	149	548605	52.915	ng	96
81) Benzo(a)anthracene	14.027	228	1112223	55.350	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	59648	10.272	ng	98
83) Chrysene	14.063	228	1030716	56.586	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	747741	52.309	ng	100
85) Di-n-octyl phthalate	14.627	149	1237776	62.232	ng	97
87) Indeno(1,2,3-cd)pyrene	17.015	276	1347574	62.509	ng	97
88) Benzo(b)fluoranthene	15.080	252	1175889	51.483	ng	99
89) Benzo(k)fluoranthene	15.110	252	992101	50.757	ng	100
90) Benzo(a)pyrene	15.451	252	1050894	58.802	ng	98
91) Dibenzo(a,h)anthracene	17.027	278	1118707	62.894	ng	98
92) Benzo(g,h,i)perylene	17.462	276	1034980	58.882	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

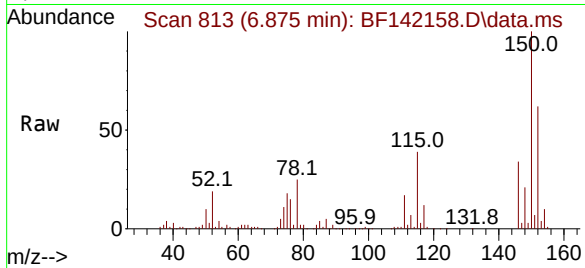
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

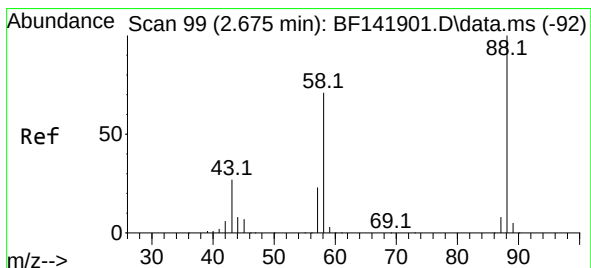
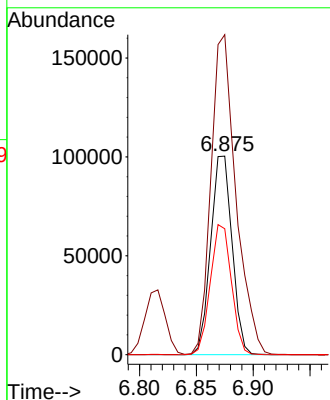
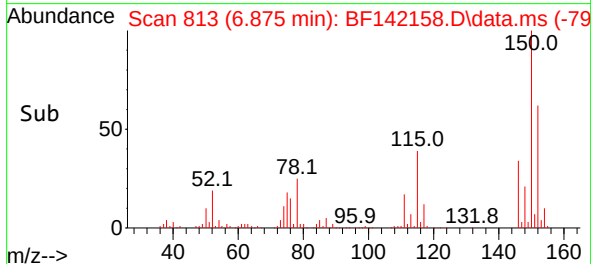
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:152 Resp: 131872
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.2
115 63.5 51.9 77.9

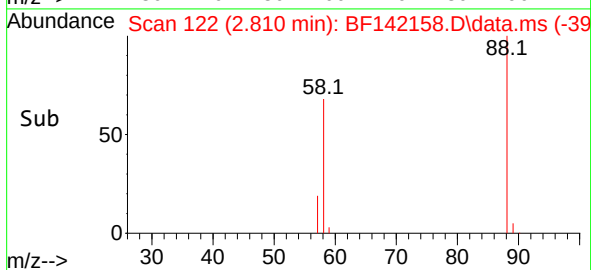
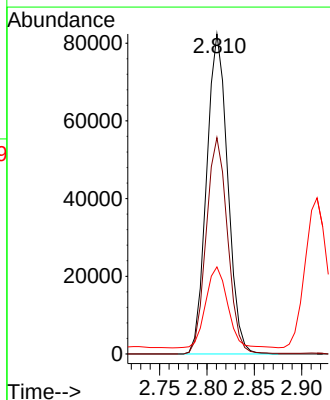
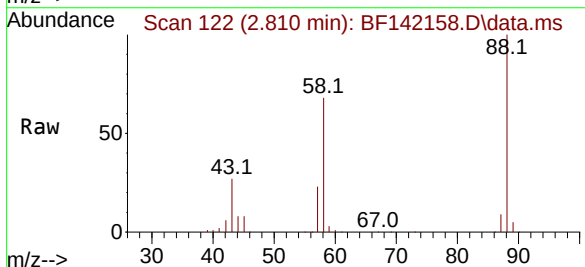
Manual Integrations
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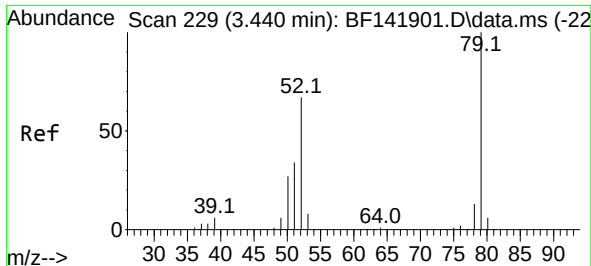
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#2
1,4-Dioxane
Concen: 38.506 ng
RT: 2.810 min Scan# 122
Delta R.T. 0.135 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

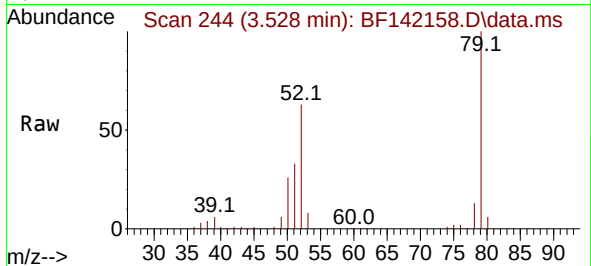
Tgt Ion: 88 Resp: 127482
Ion Ratio Lower Upper
88 100
58 68.6 57.4 86.2
43 0.0 21.5 32.3





#3
Pyridine
Concen: 38.434 ng
RT: 3.528 min Scan# 244
Delta R.T. 0.088 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

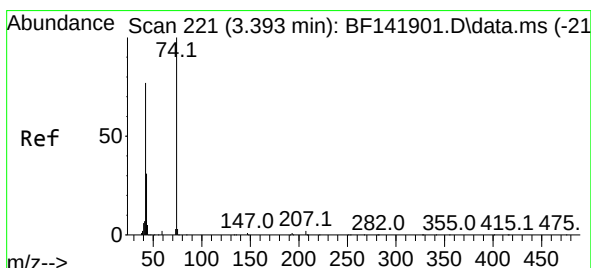
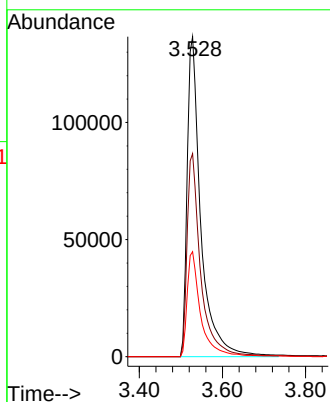
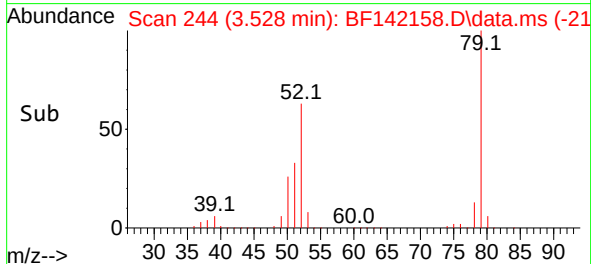
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



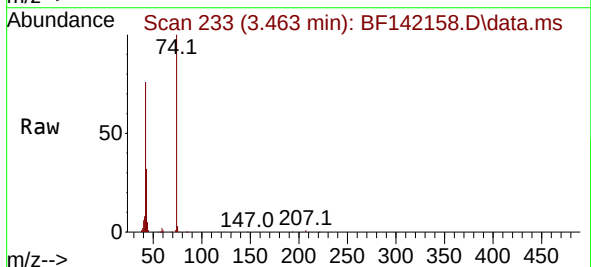
Tgt Ion: 79 Resp: 312120
Ion Ratio Lower Upper
79 100
52 63.4 53.3 79.9
51 32.8 27.6 41.4

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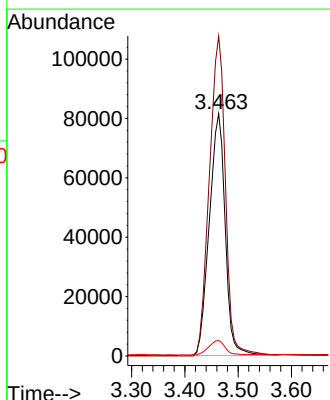
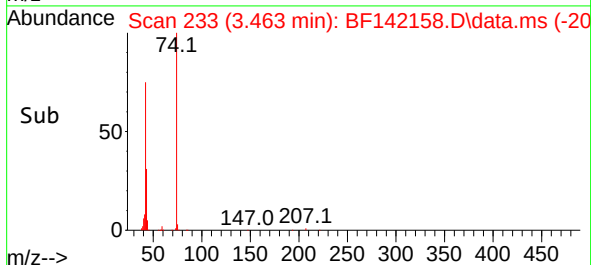
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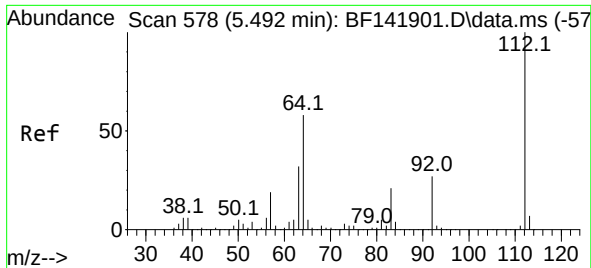


#4
n-Nitrosodimethylamine
Concen: 43.556 ng
RT: 3.463 min Scan# 233
Delta R.T. 0.071 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



Tgt Ion: 42 Resp: 168612
Ion Ratio Lower Upper
42 100
74 132.1 103.4 155.0
44 6.4 5.0 7.4





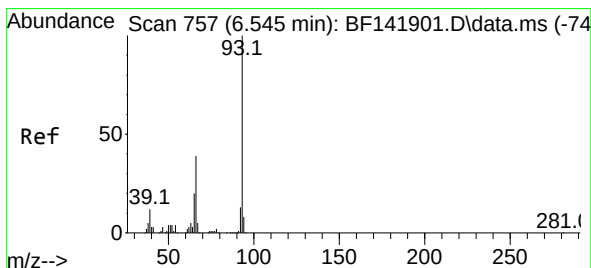
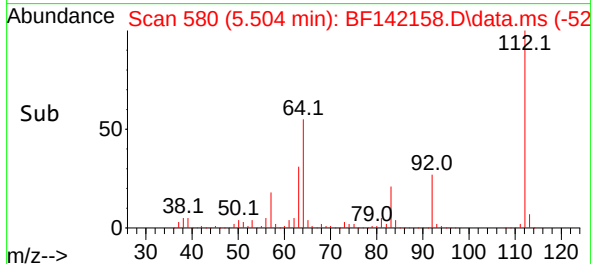
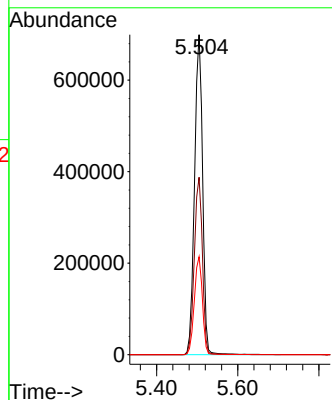
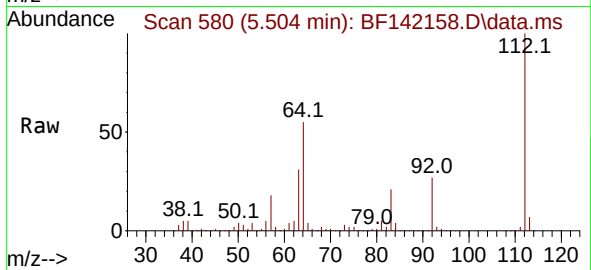
#5
2-Fluorophenol
Concen: 122.887 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :
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ClientSampleId :
PAT-1-032525MSD

Tgt Ion:112 Resp: 970984
Ion Ratio Lower Upper
112 100
64 55.5 46.5 69.7
63 30.6 25.4 38.2

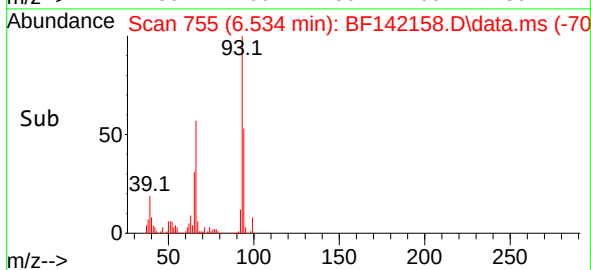
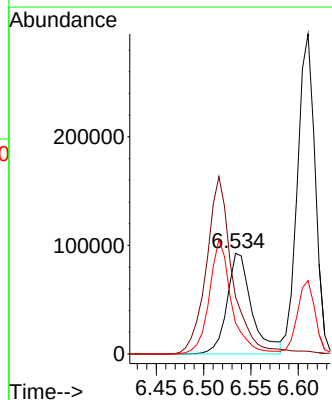
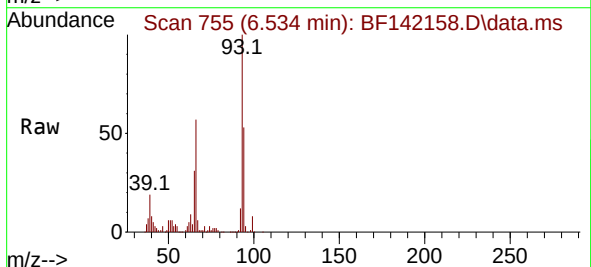
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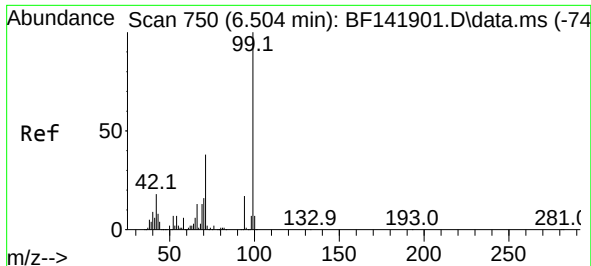
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#6
Aniline
Concen: 17.005 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

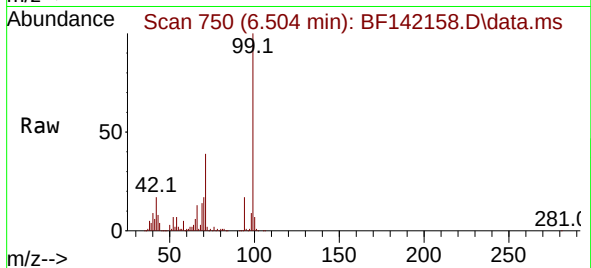
Tgt Ion: 93 Resp: 168764
Ion Ratio Lower Upper
93 100
66 56.6 31.9 47.9#
65 30.7 15.8 23.6#





#7
Phenol-d6
Concen: 114.854 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

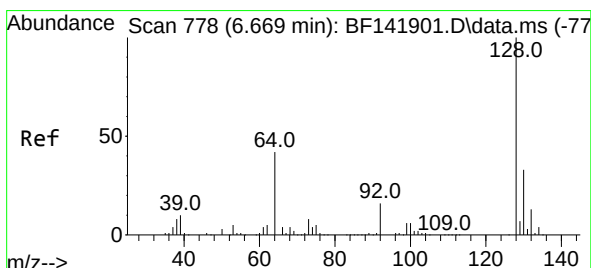
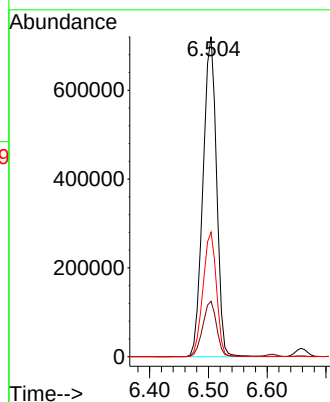
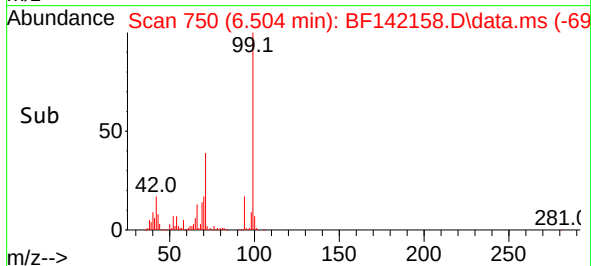
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Tgt Ion: 99 Resp: 115546
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.9 30.8 46.2

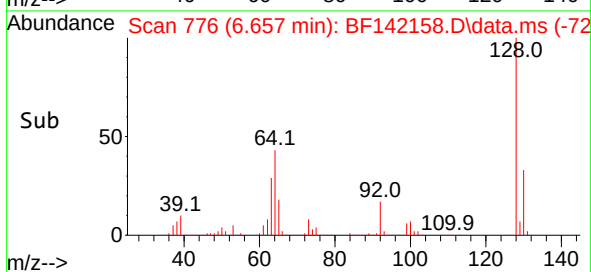
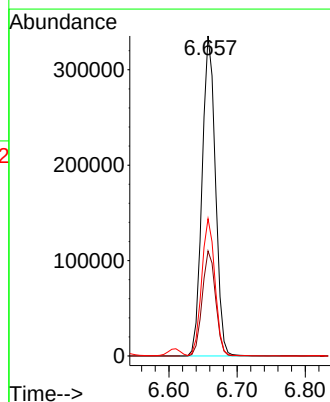
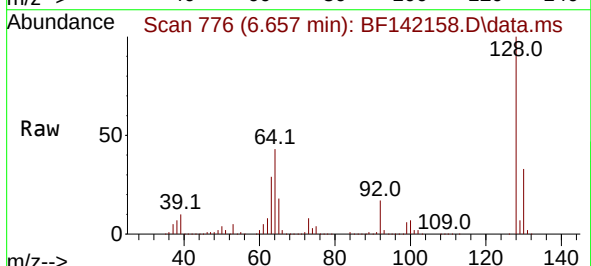
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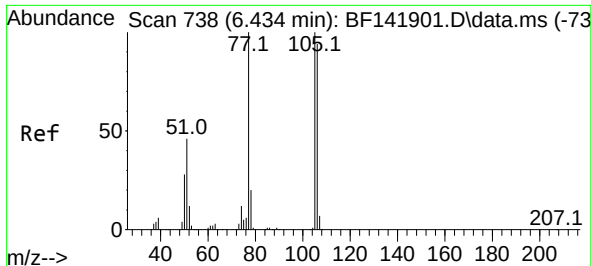
Reviewed By :Anahy Claudio 03/31/2025
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#8
2-Chlorophenol
Concen: 52.189 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

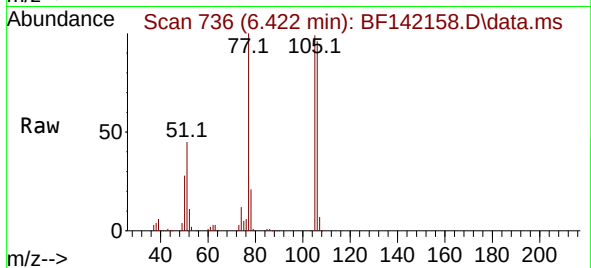
Tgt Ion:128 Resp: 457350
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 42.9 24.4 64.4





#9
Benzaldehyde
Concen: 28.395 ng
RT: 6.422 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

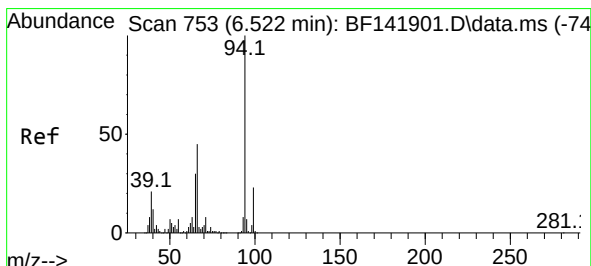
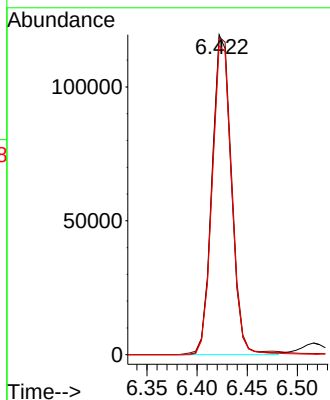
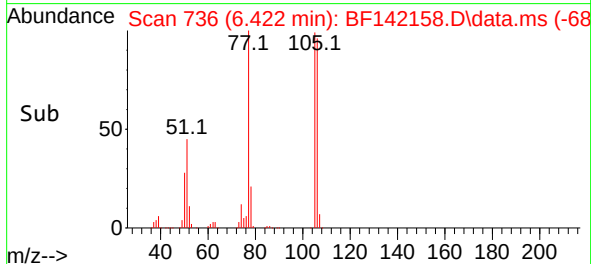
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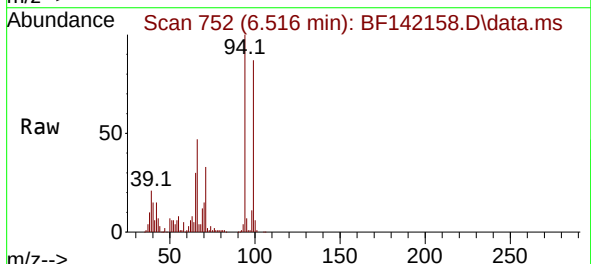
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Ion Ratio Lower Upper
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105 99.3 80.0 120.0
106 96.5 74.5 114.5

Manual Integrations
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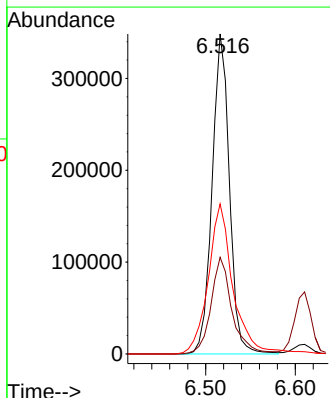
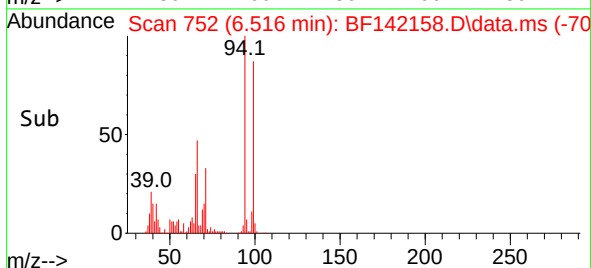
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

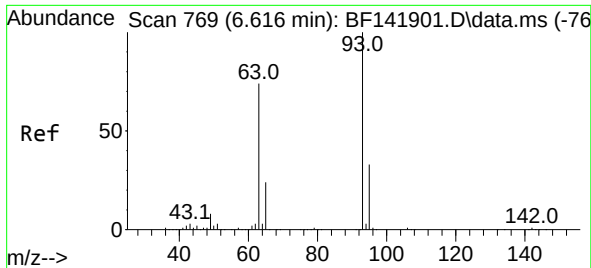


#10
Phenol
Concen: 44.126 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



Tgt Ion: 94 Resp: 467021
Ion Ratio Lower Upper
94 100
65 30.2 10.5 50.5
66 46.9 25.8 65.8





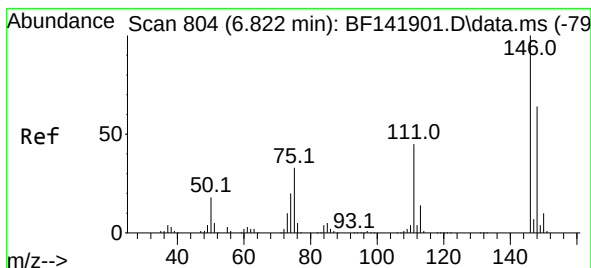
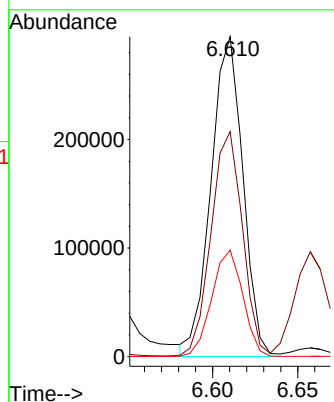
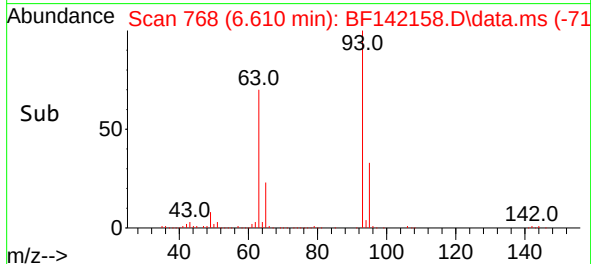
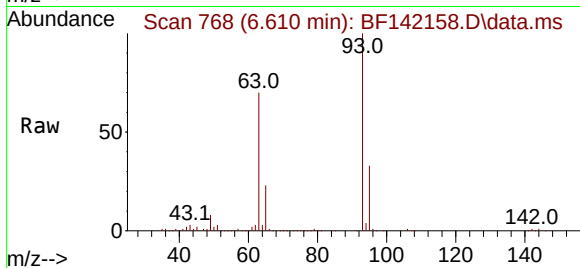
#11
bis(2-Chloroethyl)ether
Concen: 48.300 ng
RT: 6.610 min Scan# 709
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD

Tgt Ion: 93 Resp: 38384
Ion Ratio Lower Upper
93 100
63 70.3 53.0 93.0
95 33.3 12.9 52.9

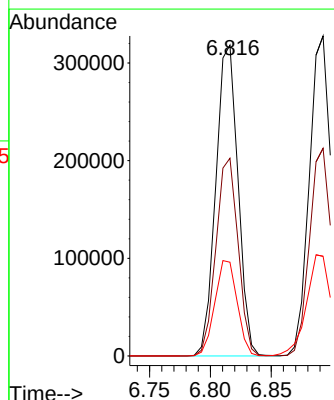
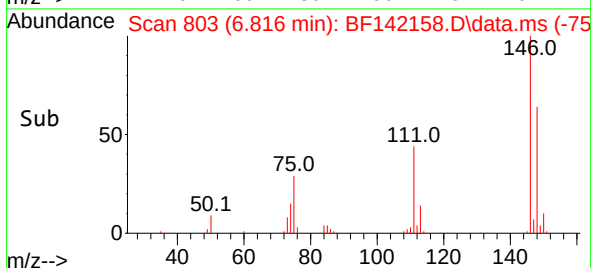
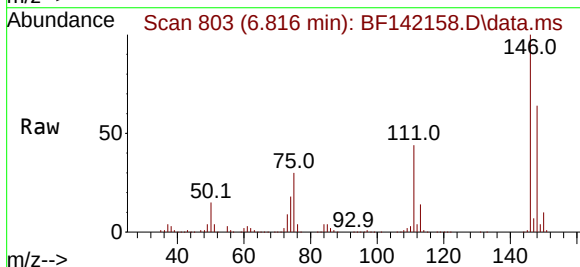
Manual Integrations
APPROVED

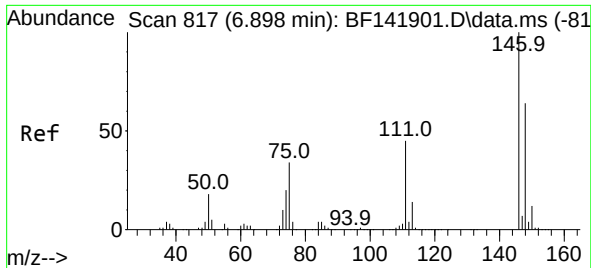
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#12
1,3-Dichlorobenzene
Concen: 42.689 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

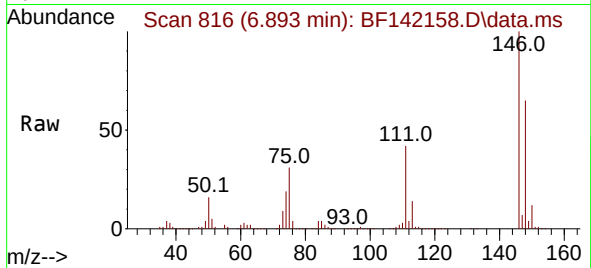
Tgt Ion:146 Resp: 403882
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 30.1 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 43.031 ng
RT: 6.893 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

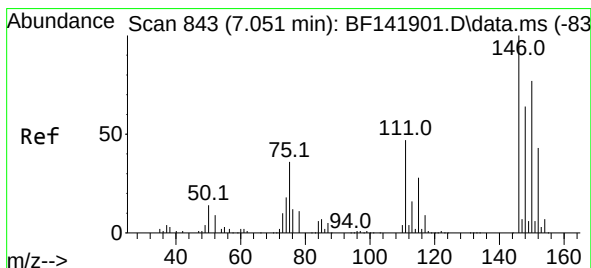
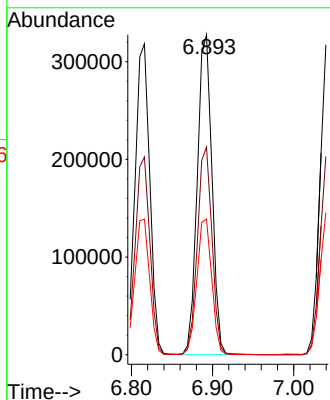
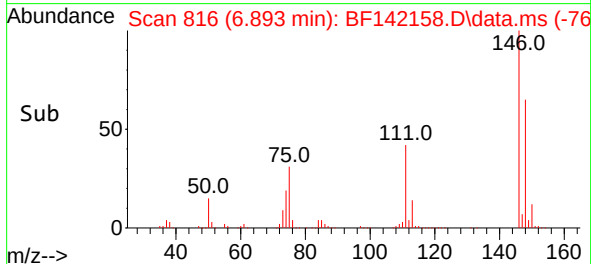
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



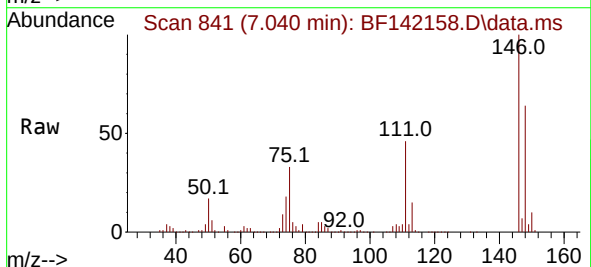
Tgt Ion:146 Resp: 411915
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
111 42.4 35.7 53.5

Manual Integrations
APPROVED

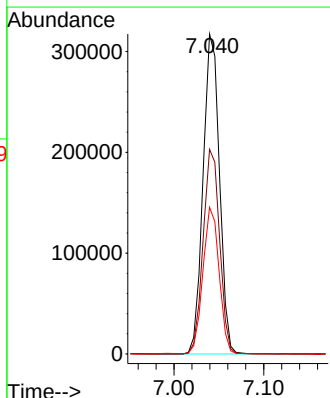
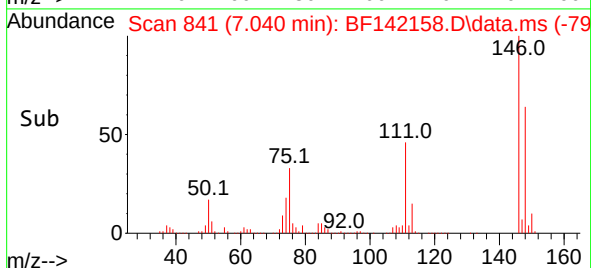
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

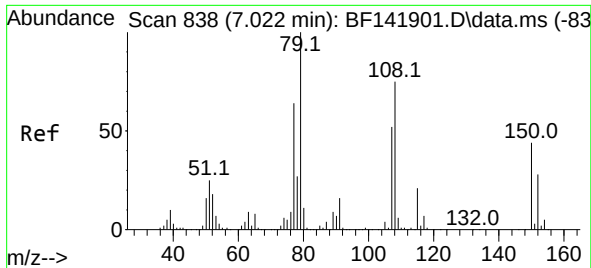


#14
1,2-Dichlorobenzene
Concen: 44.663 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



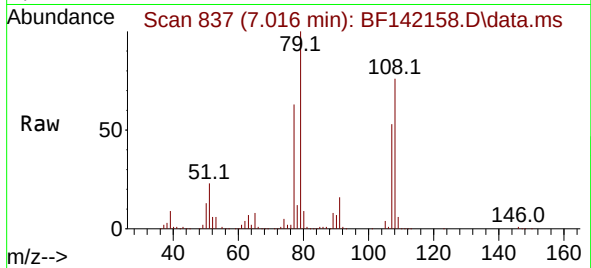
Tgt Ion:146 Resp: 402694
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 45.8 38.0 57.0





#15
Benzyl Alcohol
Concen: 50.702 ng
RT: 7.016 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

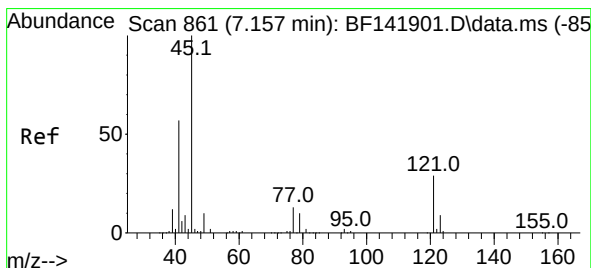
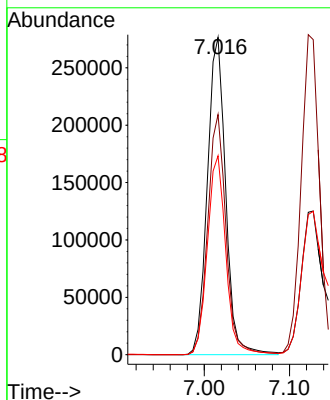
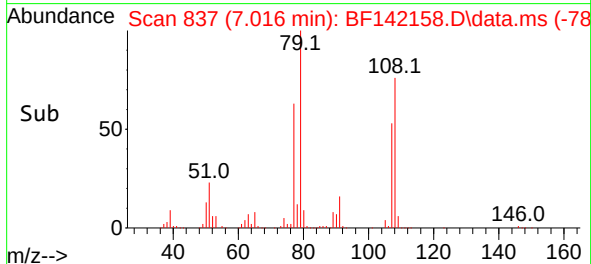
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



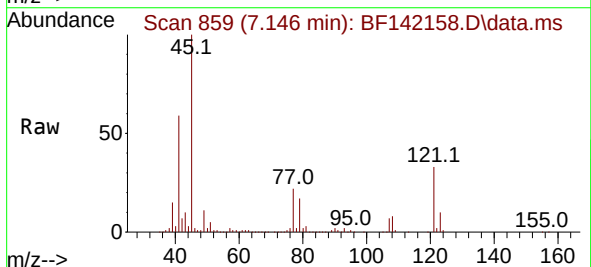
Tgt Ion: 79 Resp: 41236
Ion Ratio Lower Upper
79 100
108 75.7 59.7 89.5
77 62.7 51.0 76.6

Manual Integrations
APPROVED

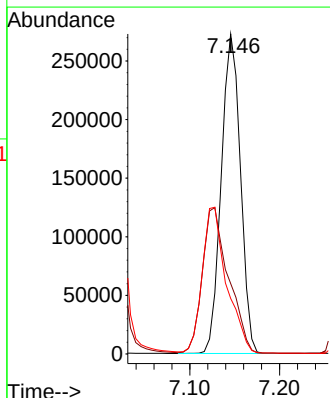
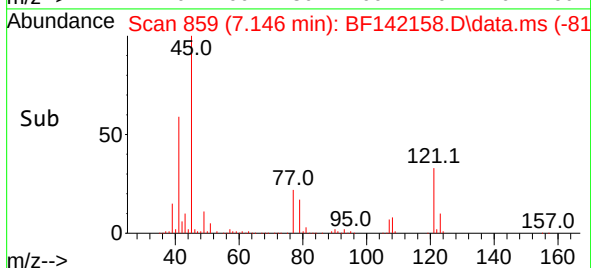
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

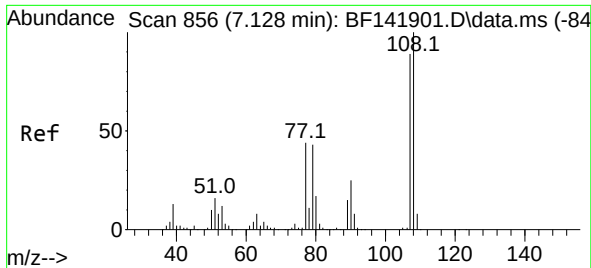


#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.136 ng
RT: 7.146 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



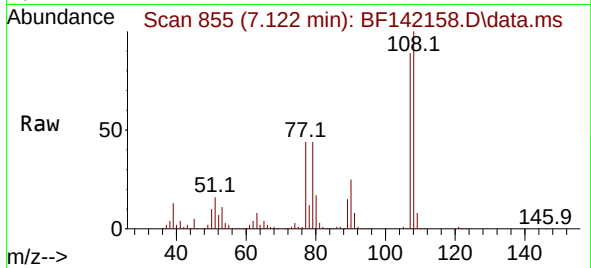
Tgt Ion: 45 Resp: 404274
Ion Ratio Lower Upper
45 100
77 22.0 0.0 37.8
79 17.3 0.0 34.2





#17
2-Methylphenol
Concen: 52.802 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

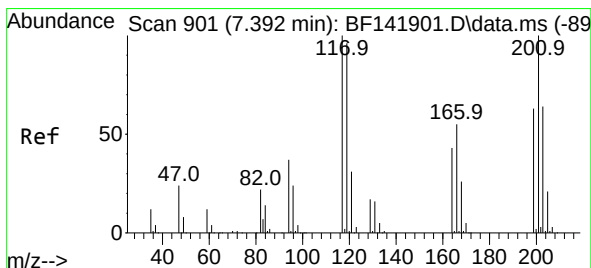
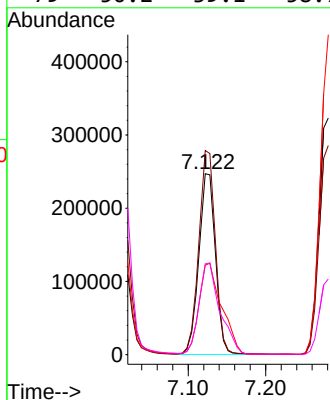
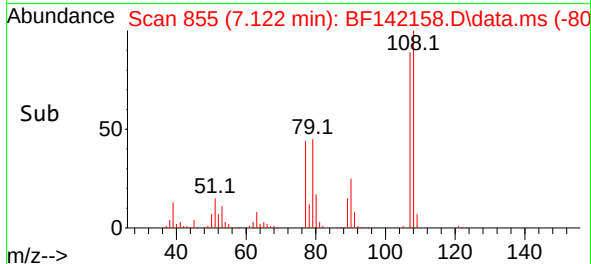
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:	107	Resp:	36791
Ion	Ratio	Lower	Upper
107	100		
108	112.8	90.2	135.2
77	49.4	39.6	59.4
79	50.2	39.1	58.7

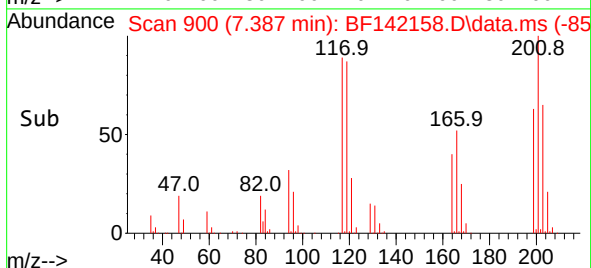
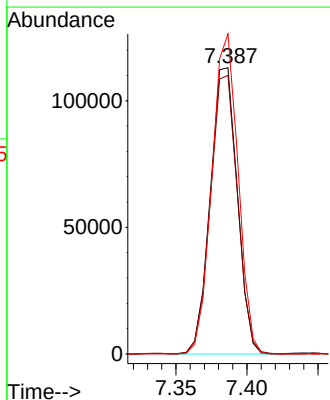
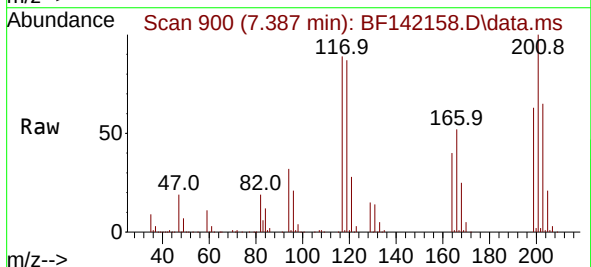
Manual Integrations
APPROVED

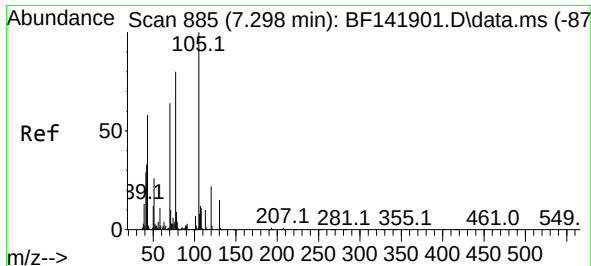
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#18
Hexachloroethane
Concen: 41.582 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:	117	Resp:	149264
Ion	Ratio	Lower	Upper
117	100		
119	97.3	76.9	115.3
201	111.8	79.9	119.9





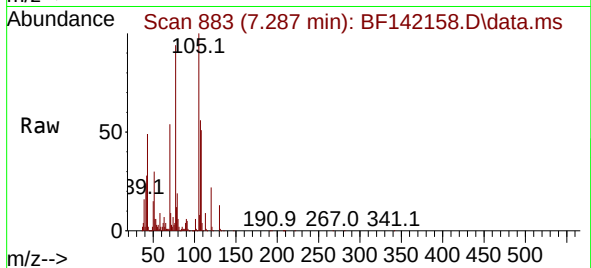
#19
n-Nitroso-di-n-propylamine
Concen: 48.109 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

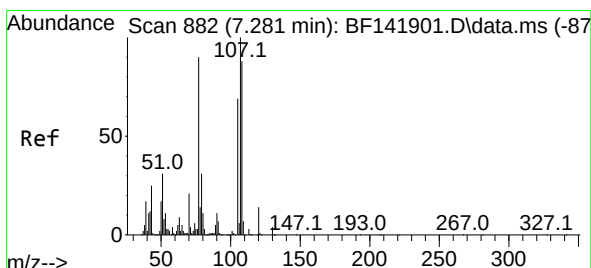
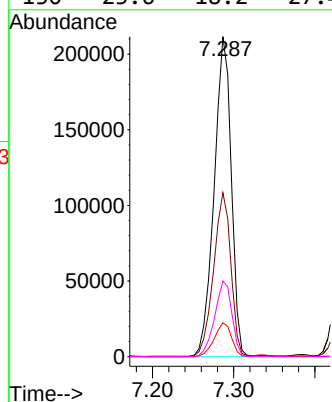
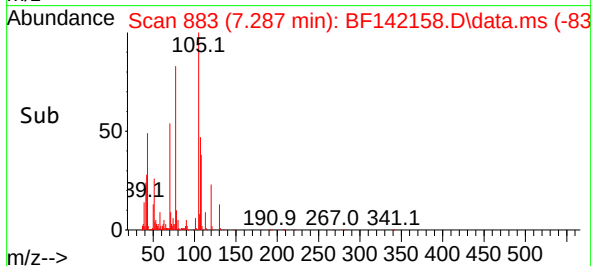


Tgt Ion: 70 Resp: 310992
Ion Ratio Lower Upper
70 100
42 51.3 41.4 62.0
101 10.6 8.2 12.2
130 23.6 18.2 27.4

Manual Integrations

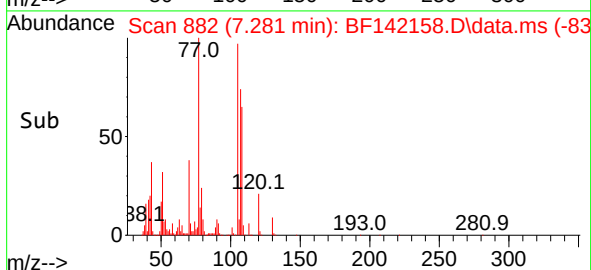
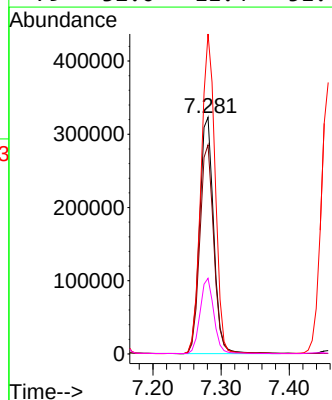
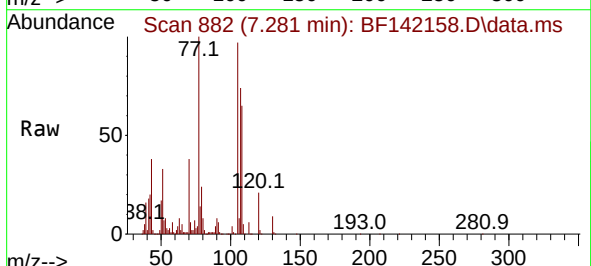
APPROVED

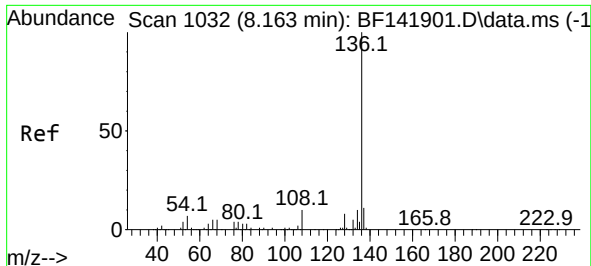
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#20
3+4-Methylphenols
Concen: 51.856 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:107 Resp: 462802
Ion Ratio Lower Upper
107 100
108 88.4 68.4 108.4
77 135.2 69.7 109.7#
79 32.0 11.4 51.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

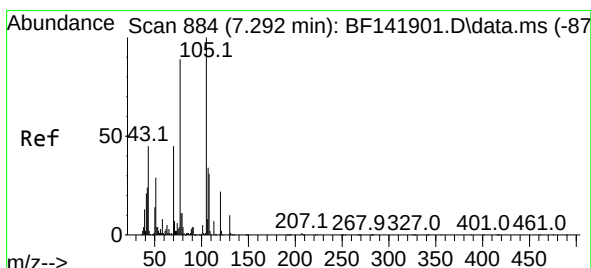
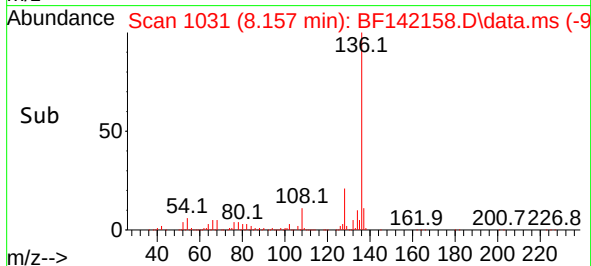
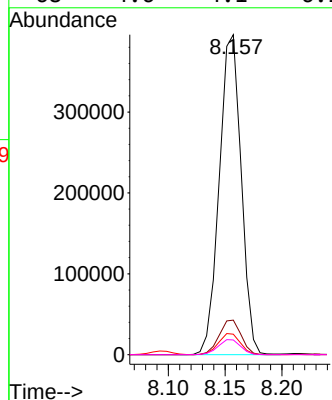
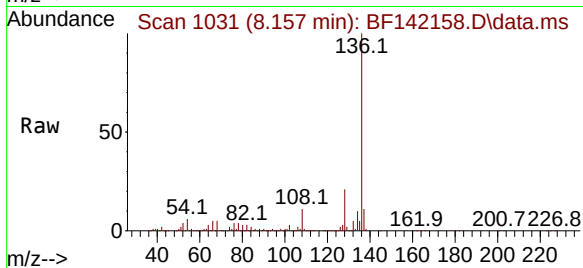
PAT-1-032525MSD

Tgt Ion:136 Resp: 53141
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.4 5.8 8.8
68 4.6 4.1 6.1

Manual Integrations

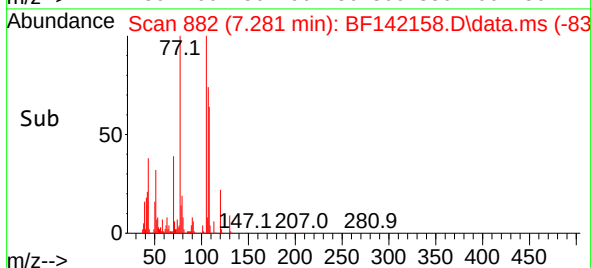
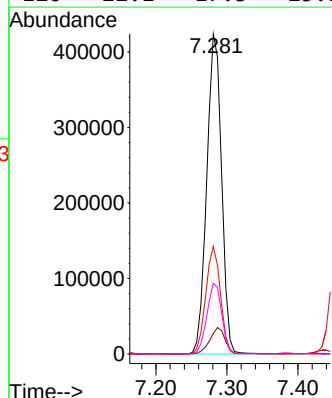
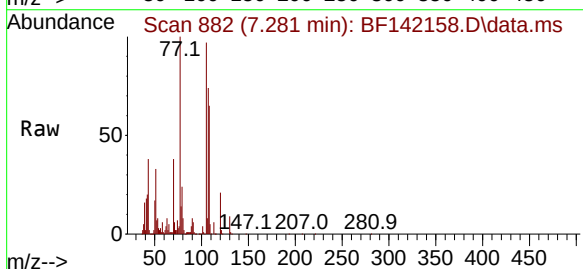
APPROVED

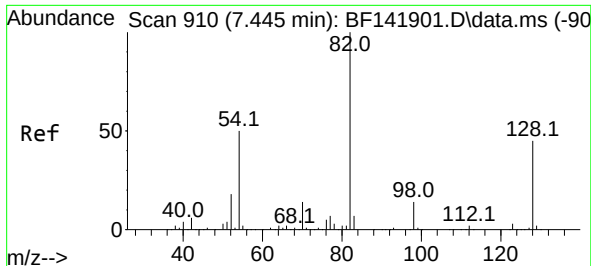
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#22
Acetophenone
Concen: 48.363 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:105 Resp: 615475
Ion Ratio Lower Upper
105 100
71 6.4 5.8 8.8
51 33.5 23.4 35.0
120 22.1 17.3 25.9





#23
Nitrobenzene-d5
Concen: 92.493 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

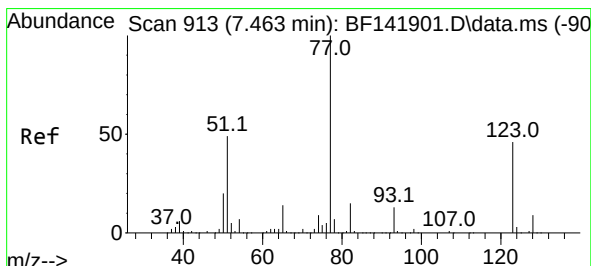
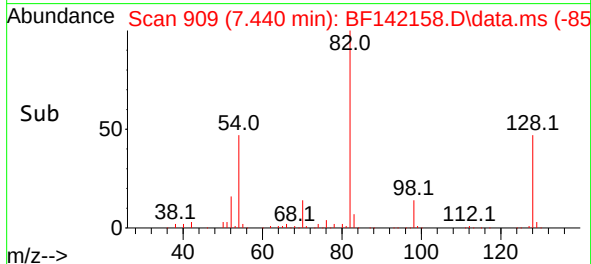
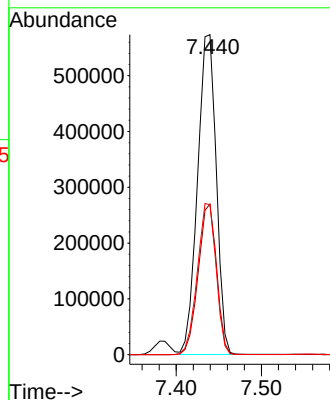
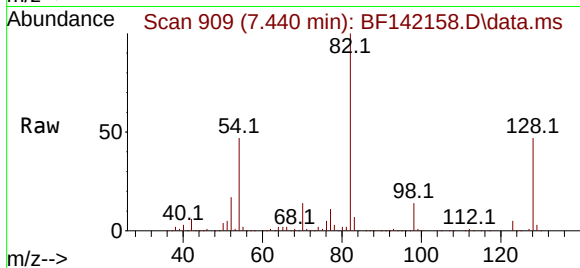
PAT-1-032525MSD

Tgt Ion: 82 Resp: 87341
Ion Ratio Lower Upper
82 100
128 47.1 36.0 54.0
54 46.8 39.6 59.4

Manual Integrations

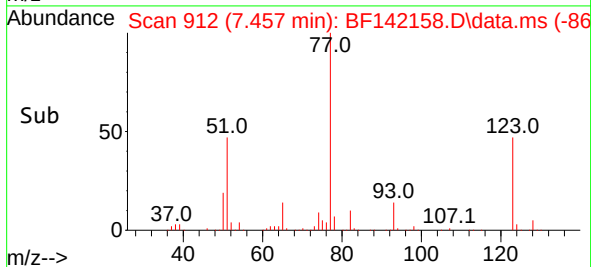
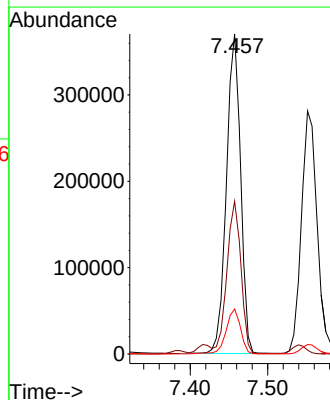
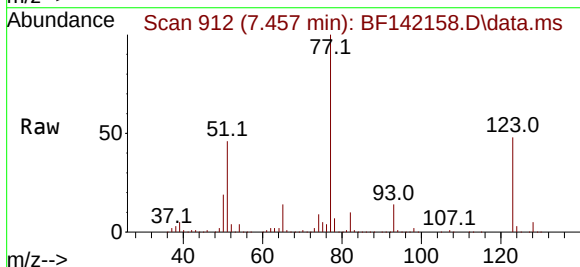
APPROVED

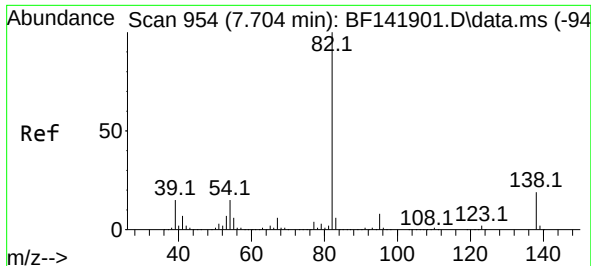
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#24
Nitrobenzene
Concen: 50.101 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion: 77 Resp: 470327
Ion Ratio Lower Upper
77 100
123 47.7 37.0 55.4
65 14.0 11.3 16.9





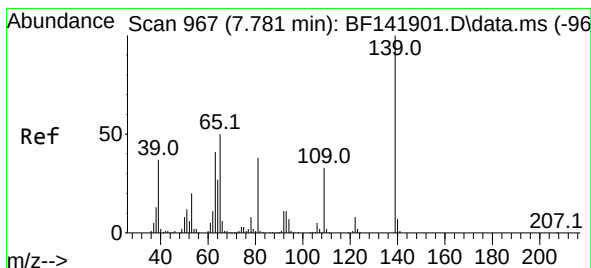
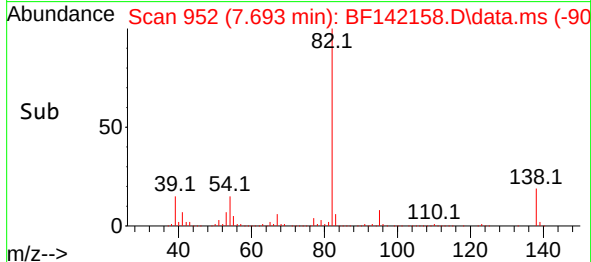
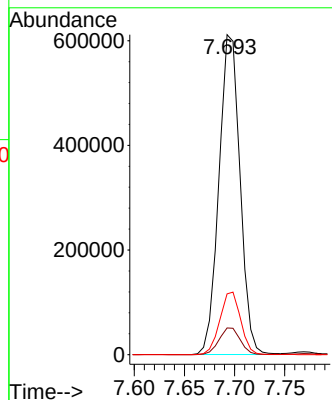
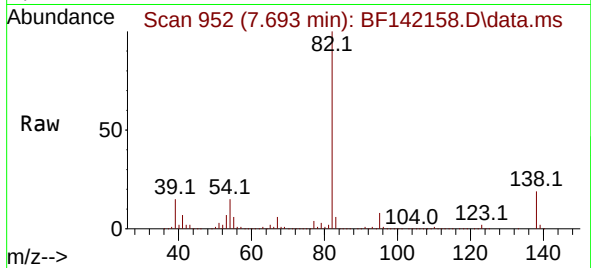
#25
Isophorone
Concen: 53.571 ng
RT: 7.693 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD

Tgt Ion: 82 Resp: 89422
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 19.0 14.9 22.3

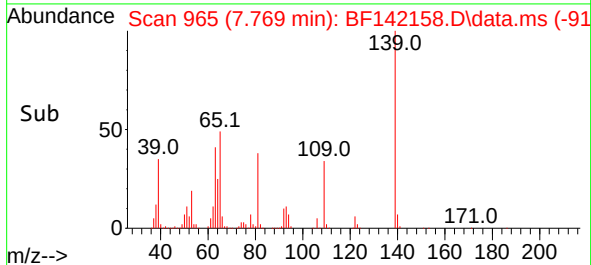
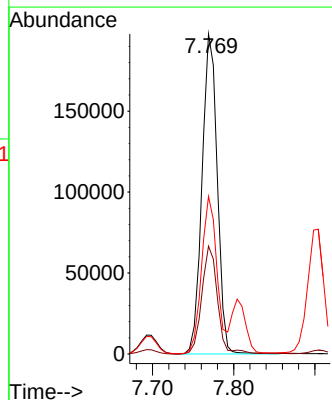
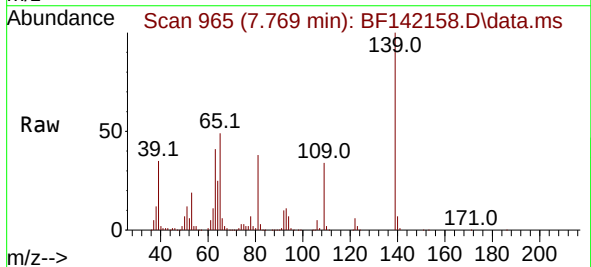
Manual Integrations
APPROVED

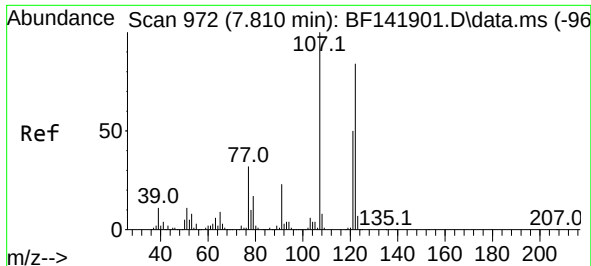
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#26
2-Nitrophenol
Concen: 55.914 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

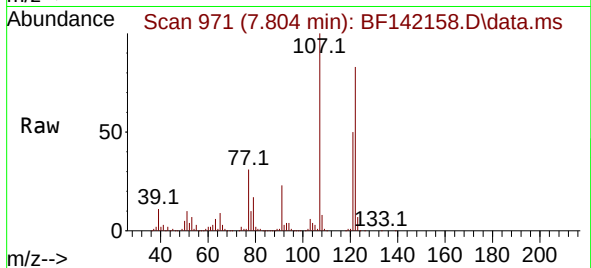
Tgt Ion:139 Resp: 257619
Ion Ratio Lower Upper
139 100
109 33.7 26.5 39.7
65 49.3 40.3 60.5





#27
2,4-Dimethylphenol
Concen: 69.818 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

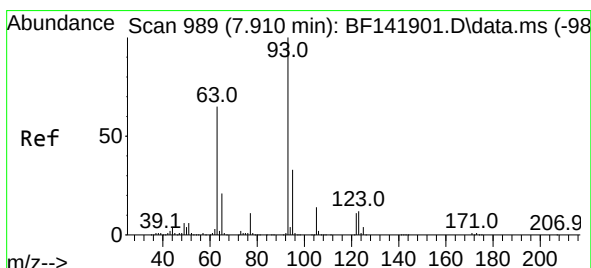
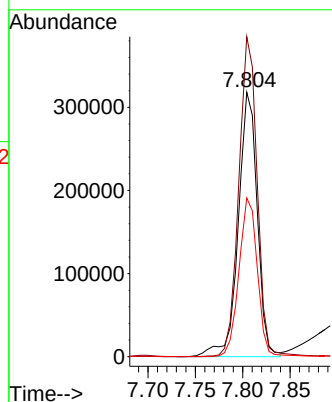
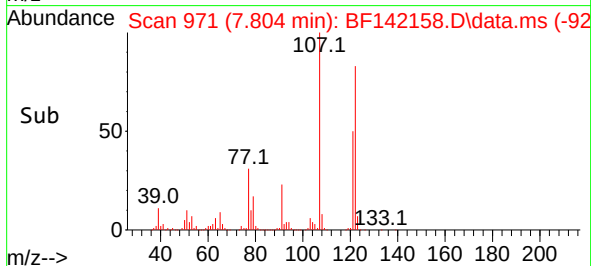
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:122 Resp: 442938
Ion Ratio Lower Upper
122 100
107 121.0 94.8 142.2
121 60.0 47.8 71.6

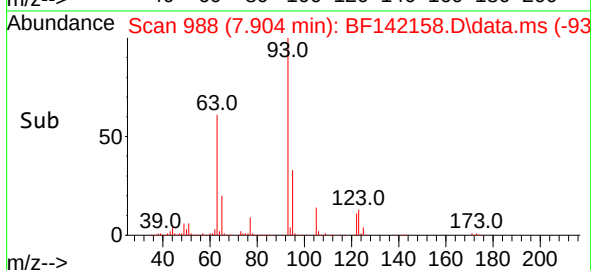
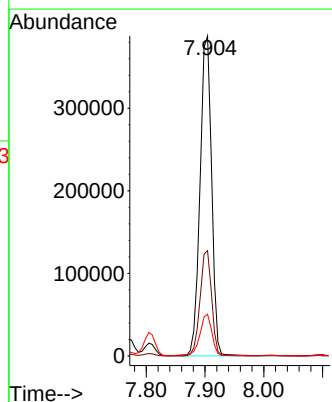
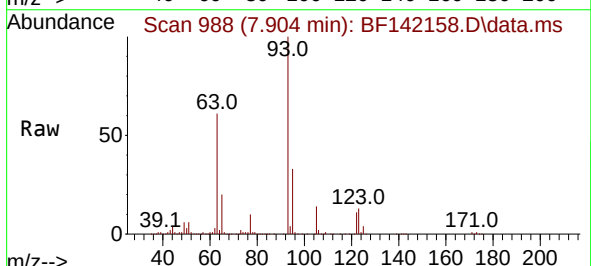
Manual Integrations
APPROVED

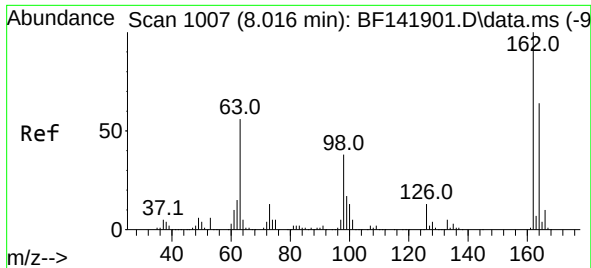
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#28
bis(2-Chloroethoxy)methane
Concen: 50.475 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion: 93 Resp: 528450
Ion Ratio Lower Upper
93 100
95 32.9 26.6 40.0
123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 54.571 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

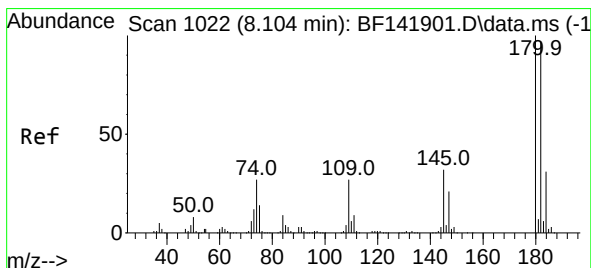
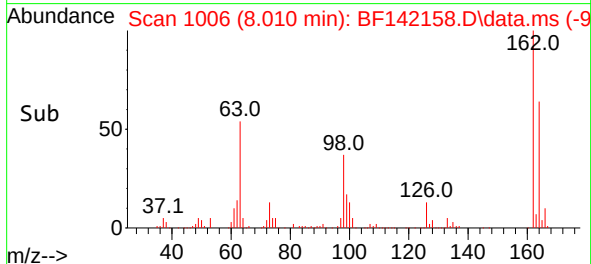
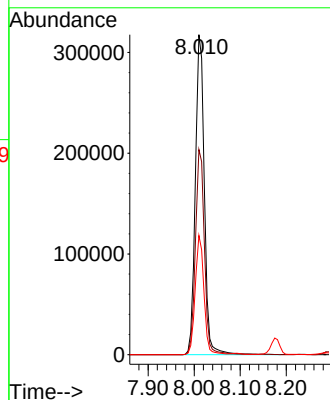
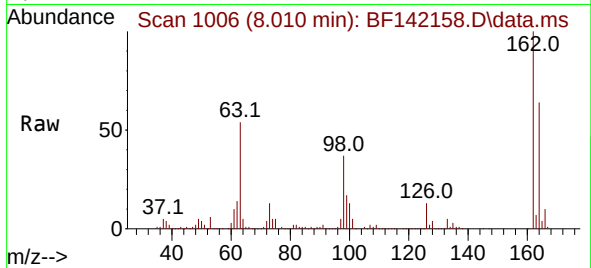
PAT-1-032525MSD

Tgt Ion:162 Resp: 429721
 Ion Ratio Lower Upper
 162 100
 164 64.1 43.8 83.8
 98 37.2 18.1 58.1

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#30

1,2,4-Trichlorobenzene

Concen: 48.965 ng

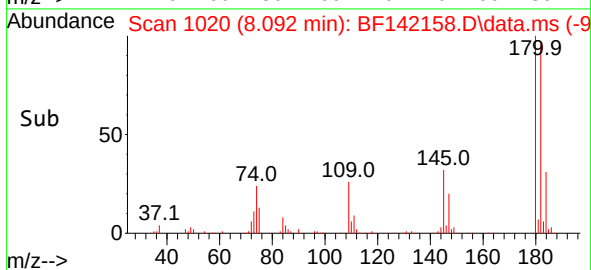
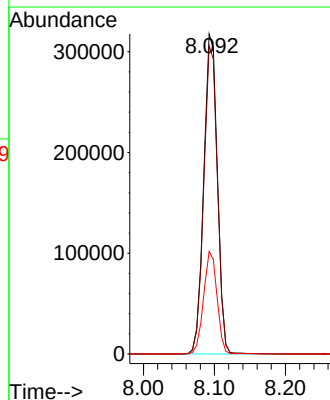
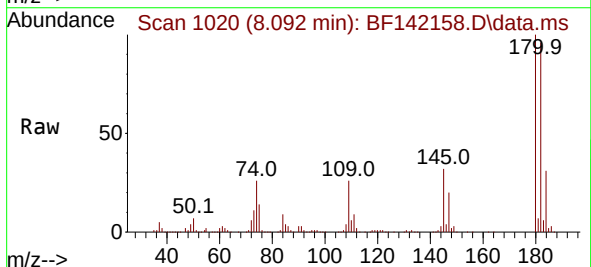
RT: 8.092 min Scan# 1020

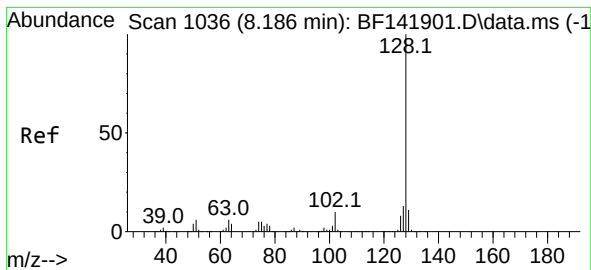
Delta R.T. -0.012 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

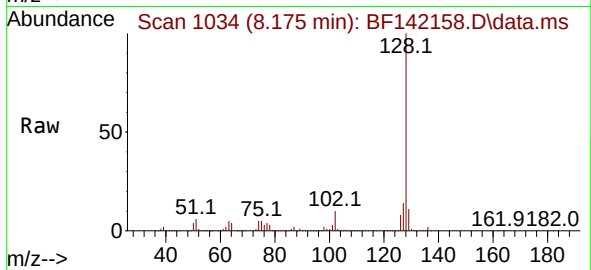
Tgt Ion:180 Resp: 424924
 Ion Ratio Lower Upper
 180 100
 182 96.2 77.5 116.3
 145 32.0 25.8 38.6





#31
Naphthalene
Concen: 47.751 ng
RT: 8.175 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

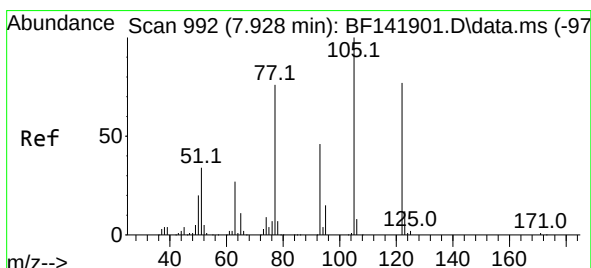
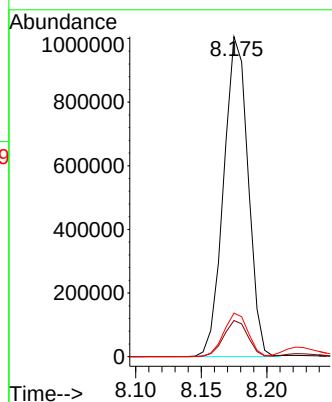
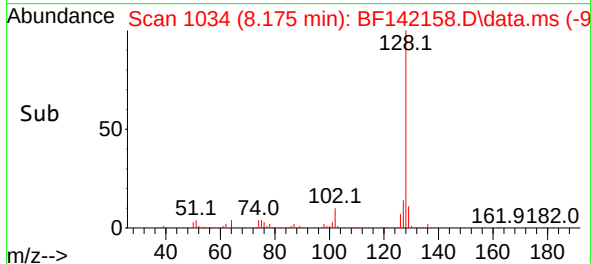
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:128 Resp: 130351
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 10.8 16.2

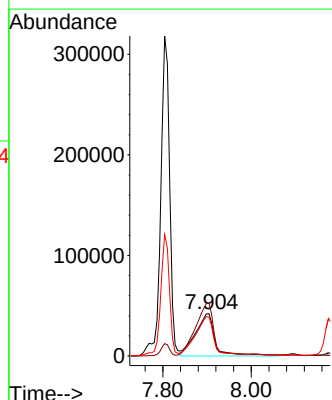
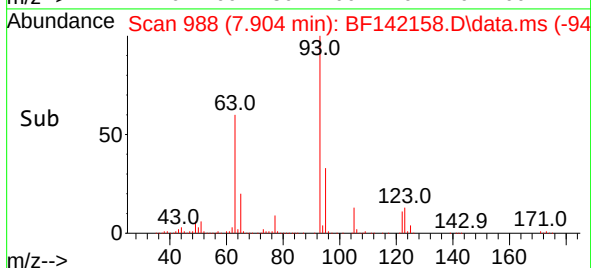
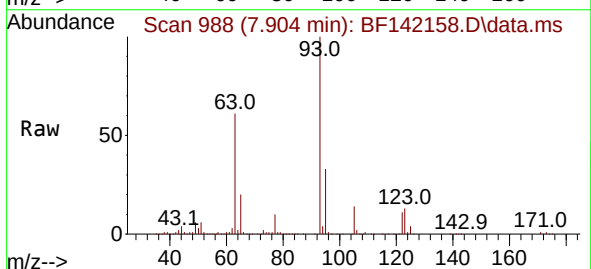
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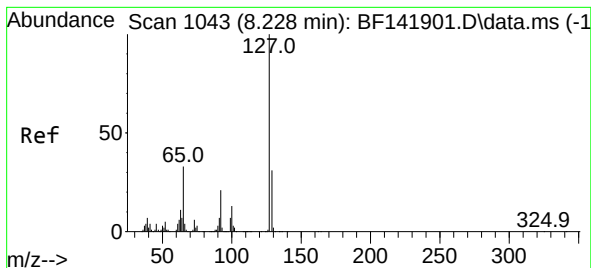
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#32
Benzoic acid
Concen: 23.568 ng m
RT: 7.904 min Scan# 988
Delta R.T. -0.024 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

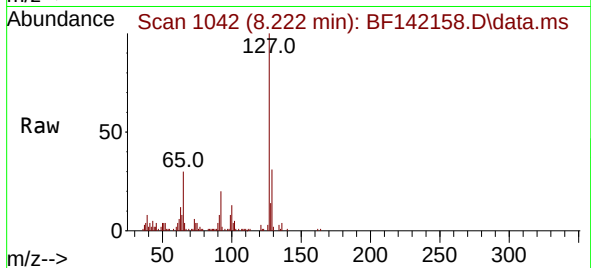
Tgt Ion:122 Resp: 131433
Ion Ratio Lower Upper
122 100
105 124.9 107.9 147.9
77 92.0 79.0 119.0





#33
4-Chloroaniline
Concen: 6.621 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

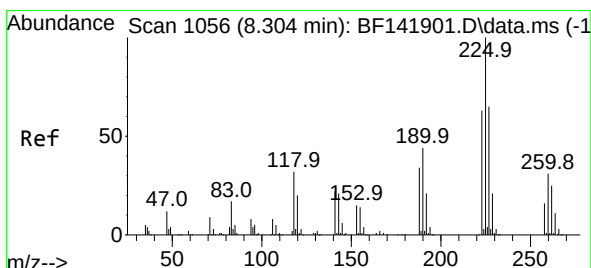
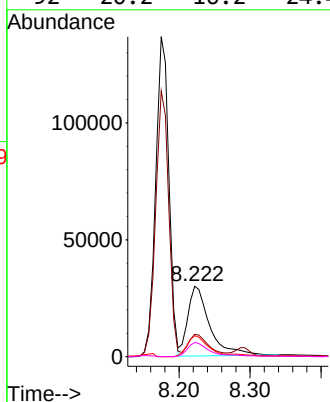
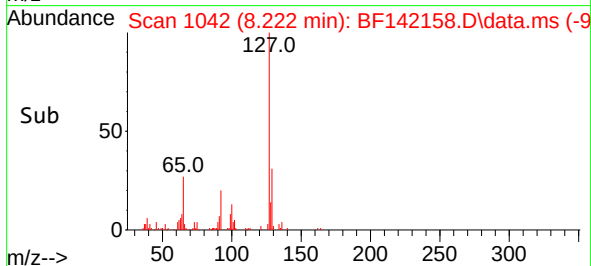
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:127 Resp: 63808
Ion Ratio Lower Upper
127 100
129 31.5 26.2 39.4
65 29.9 25.4 38.2
92 20.2 16.2 24.4

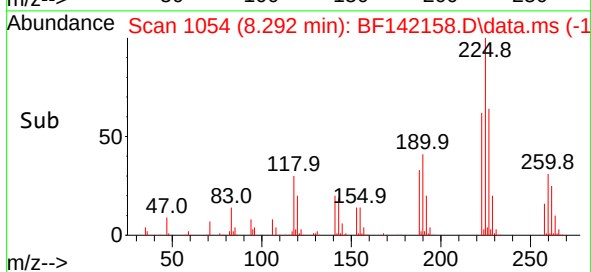
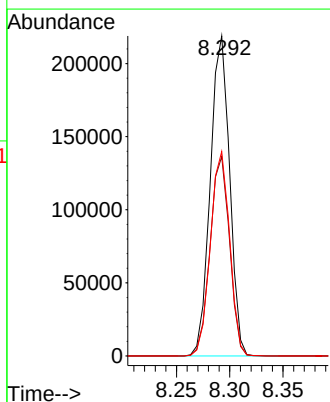
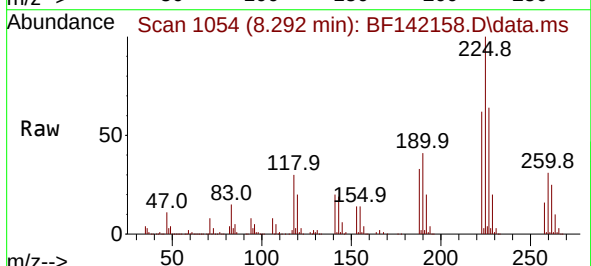
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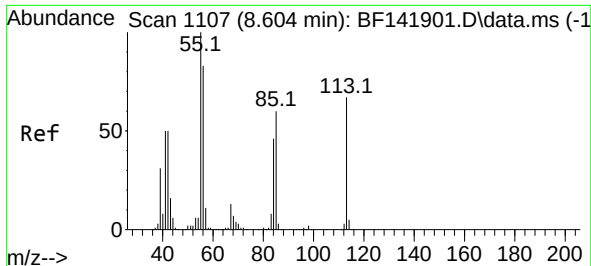
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#34
Hexachlorobutadiene
Concen: 48.641 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

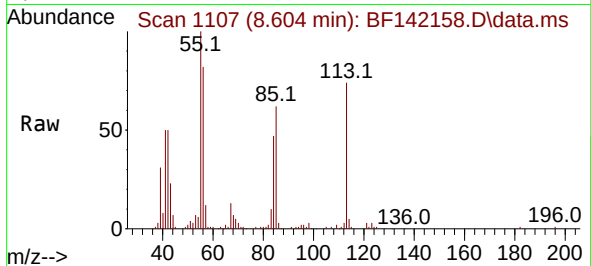
Tgt Ion:225 Resp: 275281
Ion Ratio Lower Upper
225 100
223 62.3 50.6 75.8
227 63.9 52.2 78.2





#35
 Caprolactam
 Concen: 39.672 ng m
 RT: 8.604 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: BF142158.D
 Acq: 28 Mar 2025 14:07

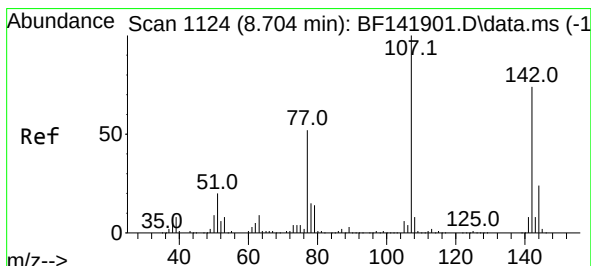
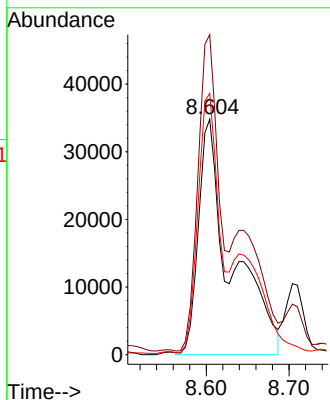
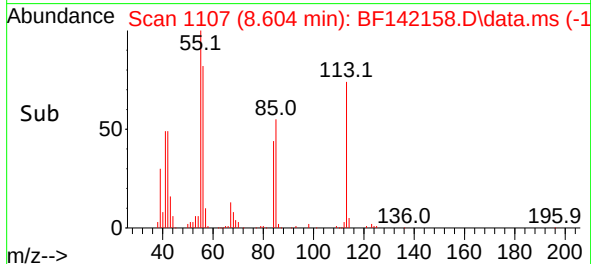
Instrument :
 BNA_F
 ClientSampleId :
 PAT-1-032525MSD



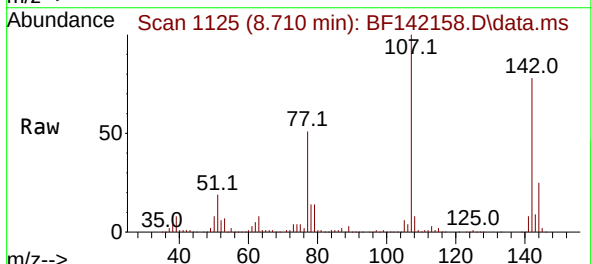
Tgt Ion:113 Resp: 95249
 Ion Ratio Lower Upper
 113 100
 55 135.9 129.6 169.6
 56 111.0 104.0 144.0

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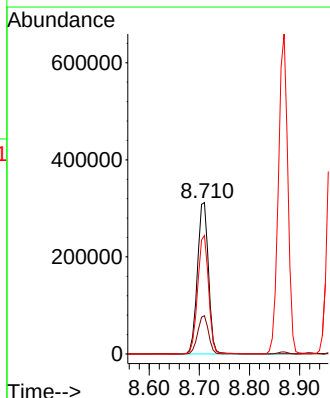
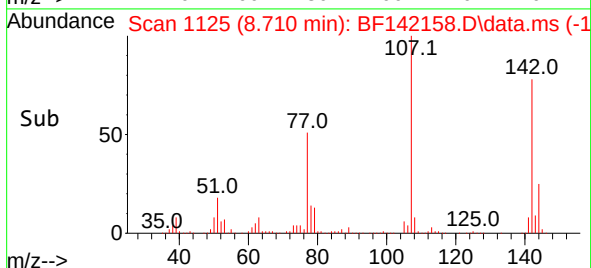
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025

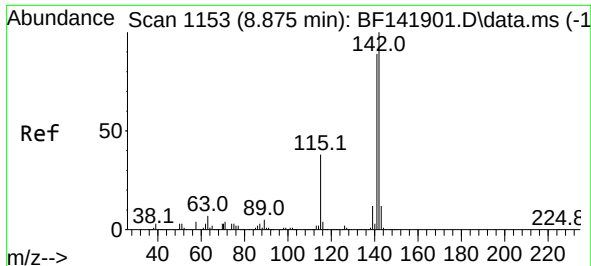


#36
 4-Chloro-3-methylphenol
 Concen: 54.220 ng
 RT: 8.710 min Scan# 1125
 Delta R.T. 0.006 min
 Lab File: BF142158.D
 Acq: 28 Mar 2025 14:07



Tgt Ion:107 Resp: 476284
 Ion Ratio Lower Upper
 107 100
 144 25.2 19.0 28.6
 142 78.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 47.069 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

Tgt Ion:142 Resp: 858834

Ion Ratio Lower Upper

142 100

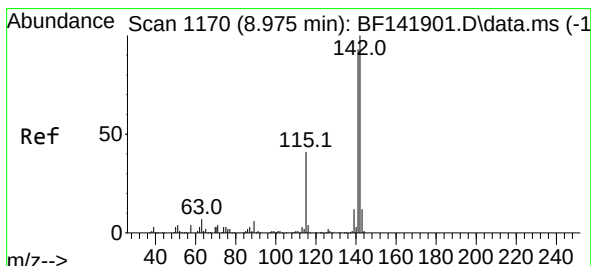
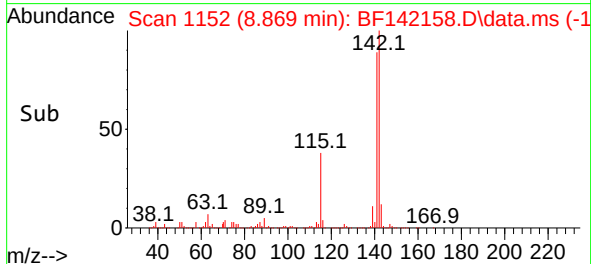
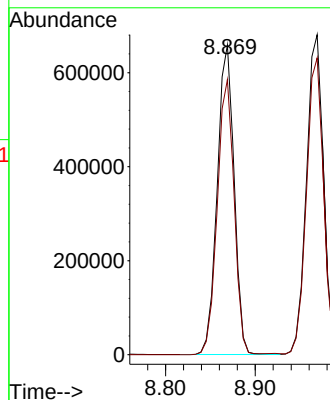
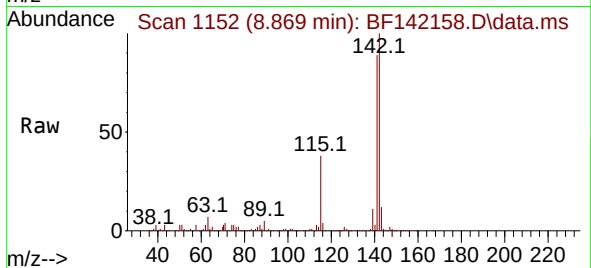
141 88.8 71.2 106.8

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#38

1-Methylnaphthalene

Concen: 50.847 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF142158.D

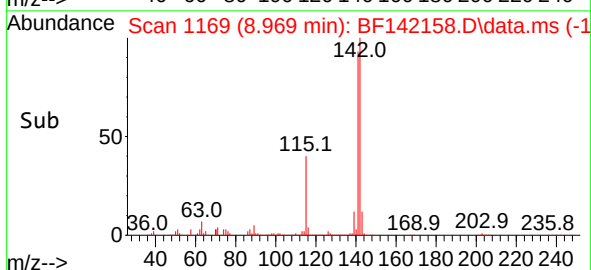
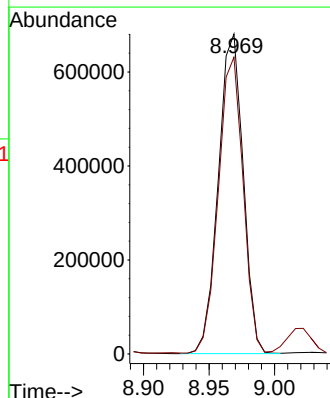
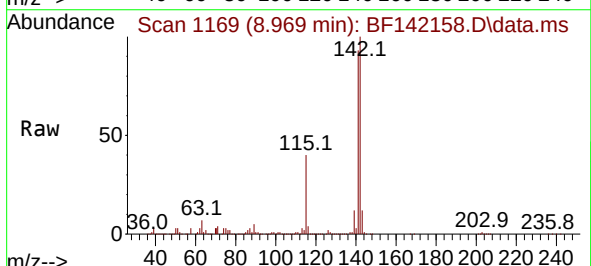
Acq: 28 Mar 2025 14:07

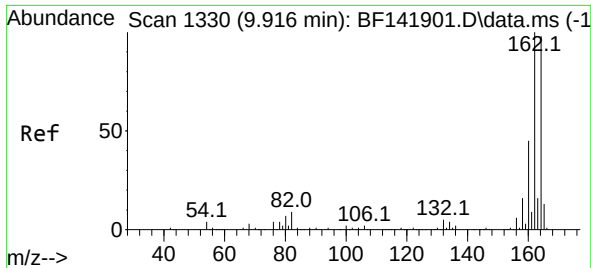
Tgt Ion:142 Resp: 895288

Ion Ratio Lower Upper

142 100

141 92.7 74.2 111.4





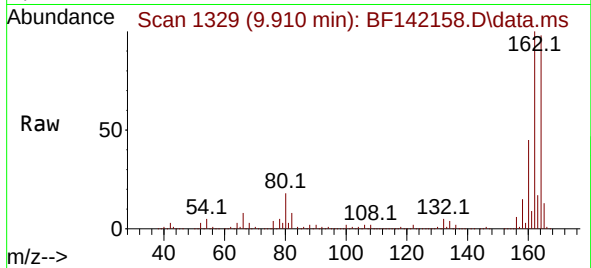
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

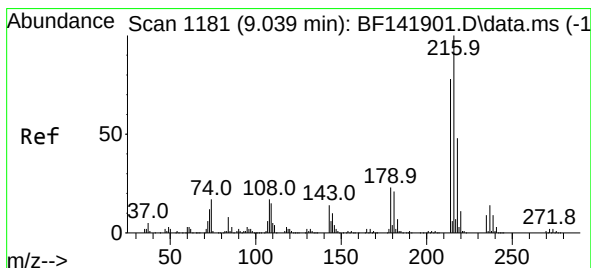
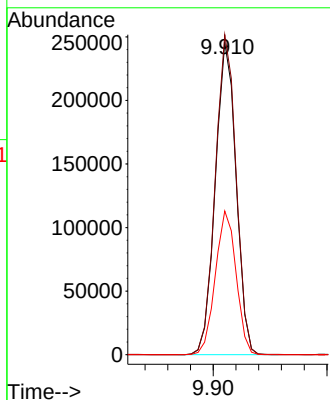
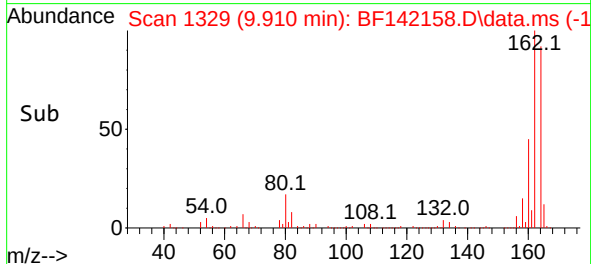


Tgt Ion:164 Resp: 31184
Ion Ratio Lower Upper
164 100
162 102.5 81.8 122.6
160 46.0 36.7 55.1

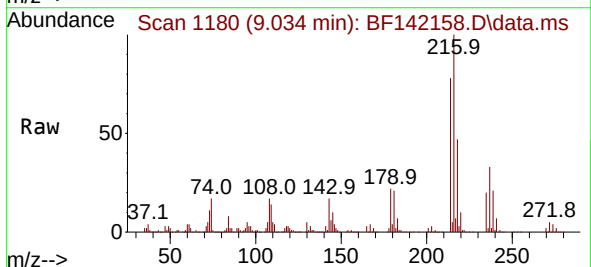
Manual Integrations

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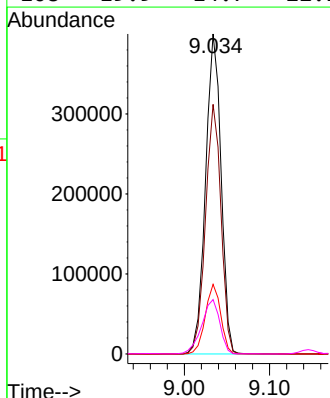
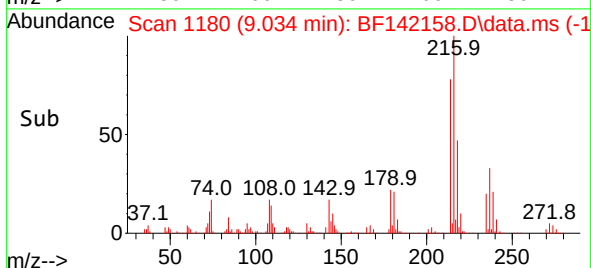
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

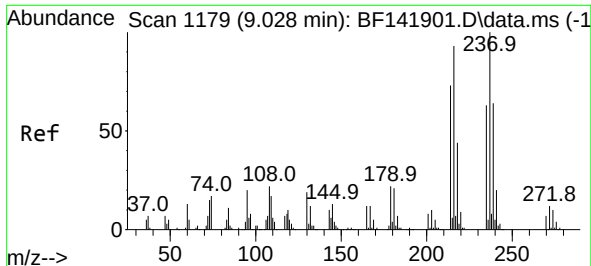


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.251 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



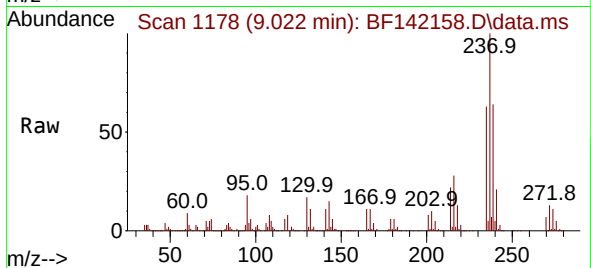
Tgt Ion:216 Resp: 505586
Ion Ratio Lower Upper
216 100
214 77.9 61.9 92.9
179 21.6 18.1 27.1
108 19.9 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 173.920 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

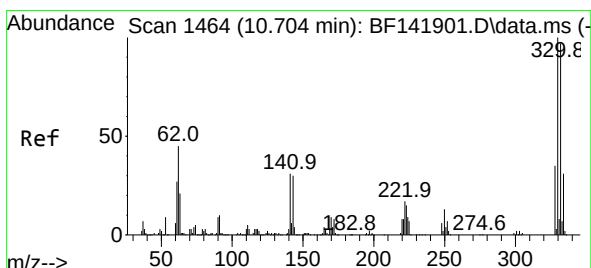
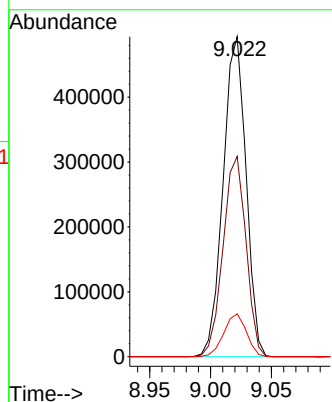
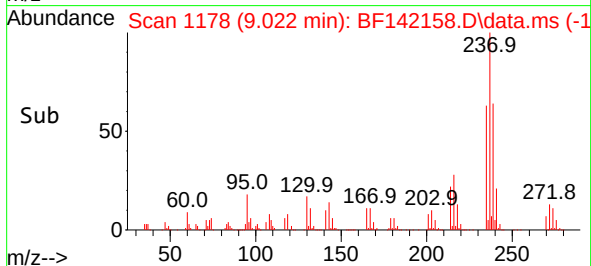
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



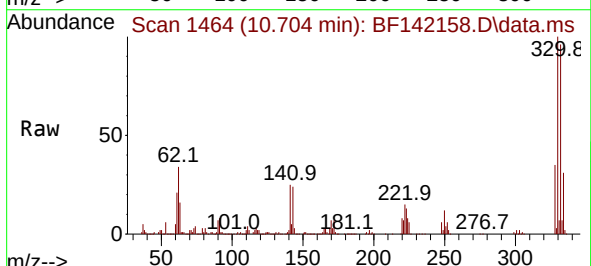
Tgt Ion:237 Resp: 646234
Ion Ratio Lower Upper
237 100
235 62.6 43.1 83.1
272 13.4 0.0 32.0

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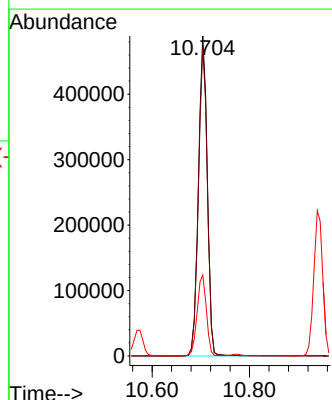
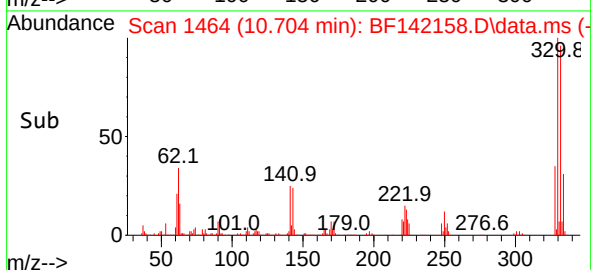
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

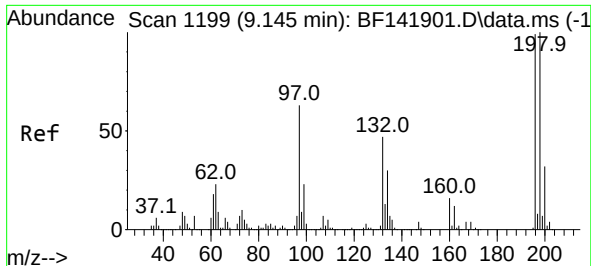


#42
2,4,6-Tribromophenol
Concen: 157.461 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



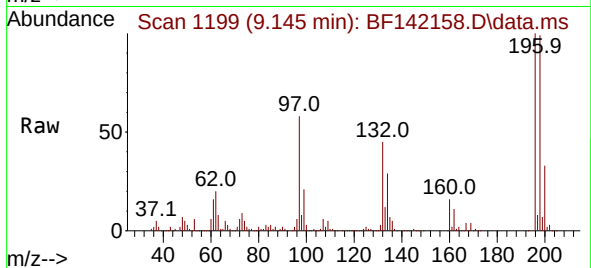
Tgt Ion:330 Resp: 622934
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 26.4 24.7 37.1





#43
2,4,6-Trichlorophenol
Concen: 57.036 ng
RT: 9.145 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

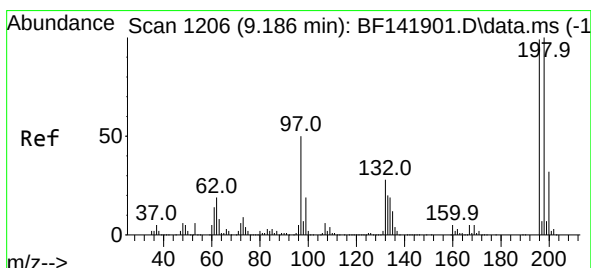
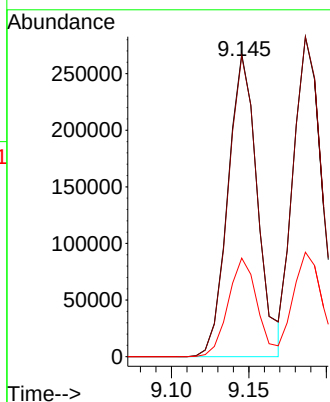
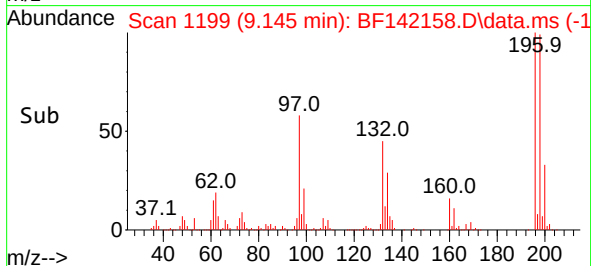
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



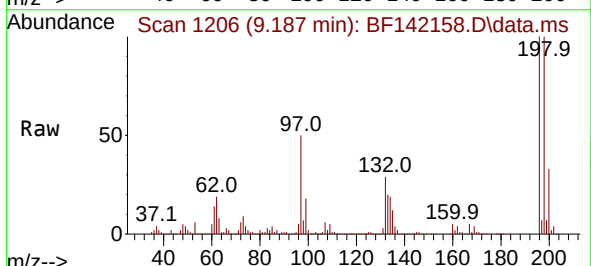
Tgt Ion:196 Resp: 35390
Ion Ratio Lower Upper
196 100
198 99.3 80.6 121.0
200 32.5 25.8 38.6

Manual Integrations
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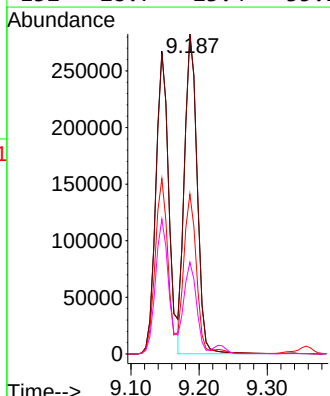
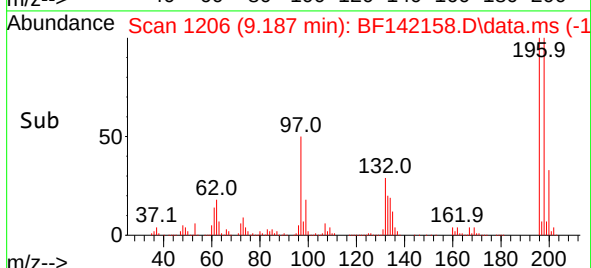
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

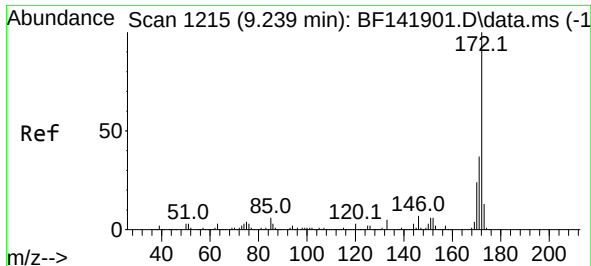


#44
2,4,5-Trichlorophenol
Concen: 57.626 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



Tgt Ion:196 Resp: 362143
Ion Ratio Lower Upper
196 100
198 100.1 80.7 121.1
97 50.0 42.1 63.1
132 28.7 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 93.987 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.012 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

Tgt Ion:172 Resp: 192721

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

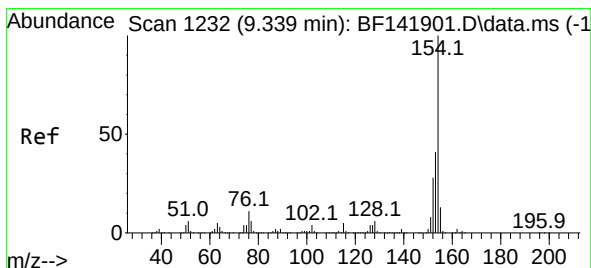
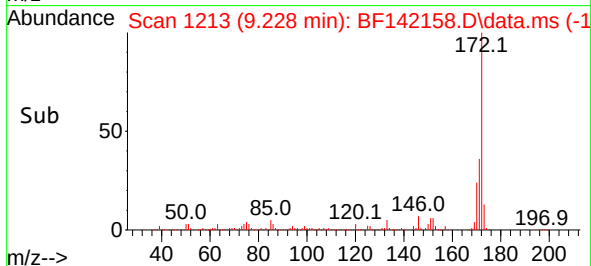
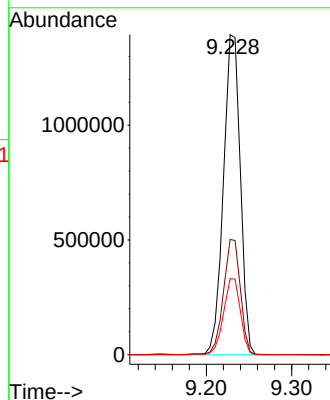
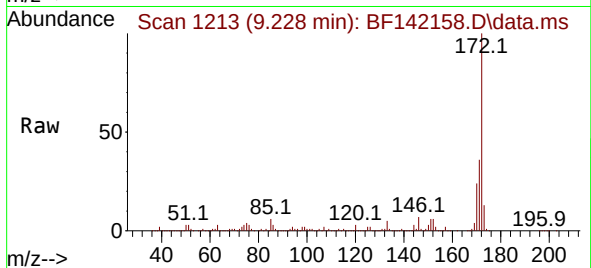
170 23.7 19.4 29.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#46

1,1'-Biphenyl

Concen: 52.227 ng

RT: 9.334 min Scan# 1231

Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

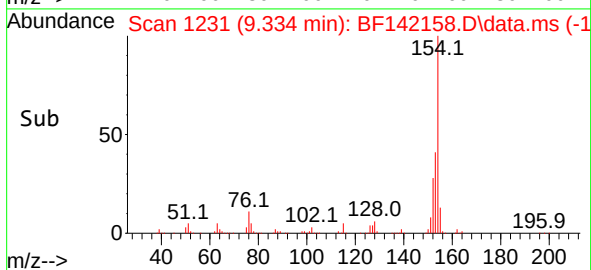
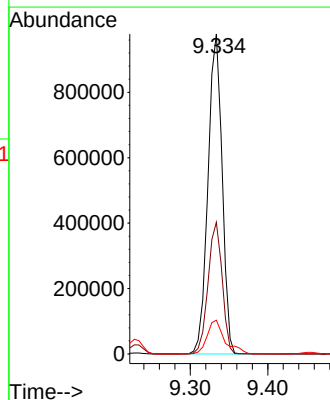
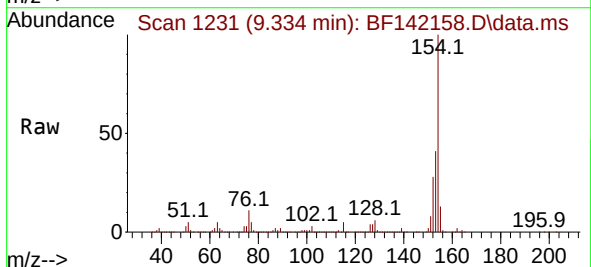
Tgt Ion:154 Resp: 1237478

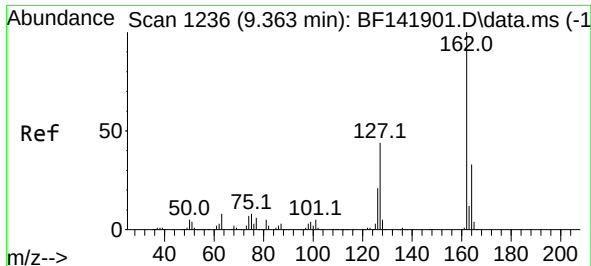
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 10.5 0.0 31.3





#47

2-Chloronaphthalene

Concen: 53.236 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

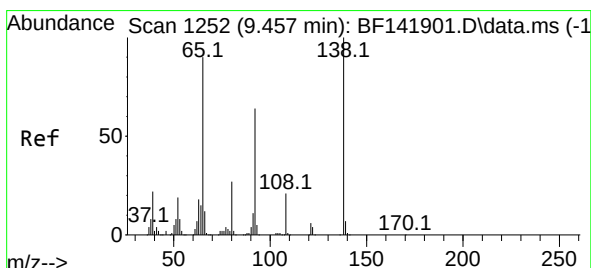
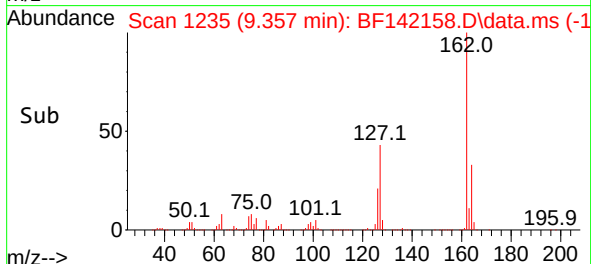
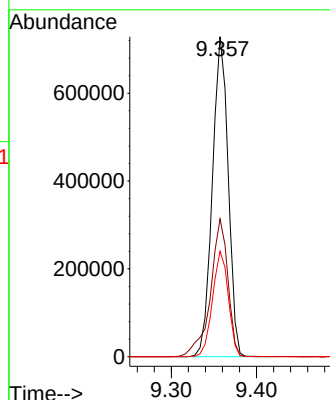
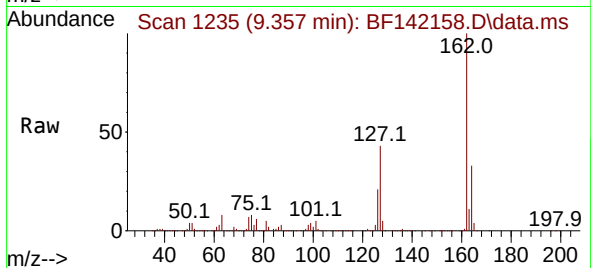
PAT-1-032525MSD

Tgt Ion:162 Resp: 94017
 Ion Ratio Lower Upper
 162 100
 127 43.0 35.5 53.3
 164 32.9 26.6 40.0

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#48

2-Nitroaniline

Concen: 53.685 ng

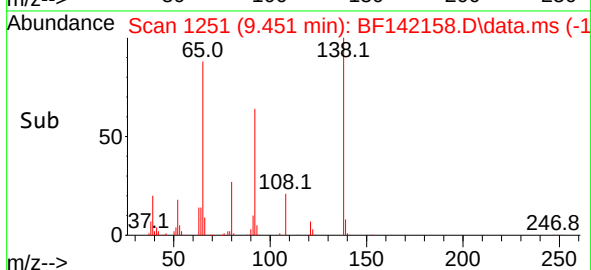
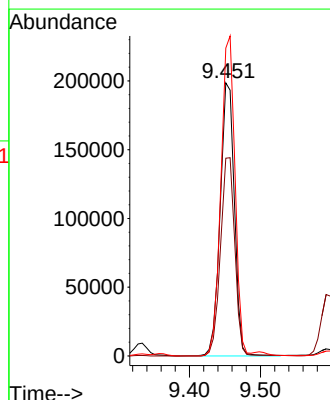
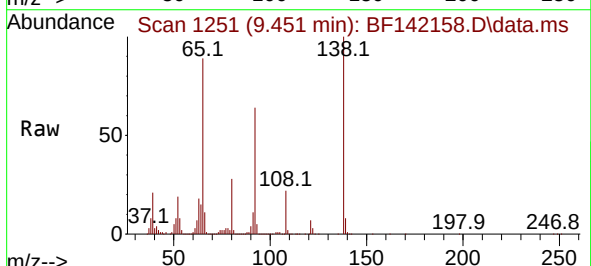
RT: 9.451 min Scan# 1251

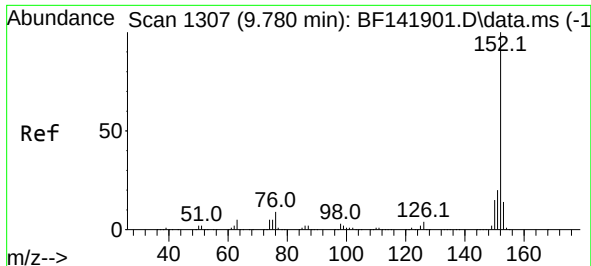
Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Tgt Ion: 65 Resp: 274516
 Ion Ratio Lower Upper
 65 100
 92 72.4 56.6 84.8
 138 112.7 88.6 133.0





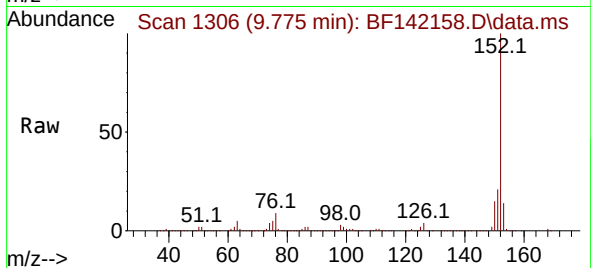
#49
Acenaphthylene
Concen: 57.316 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

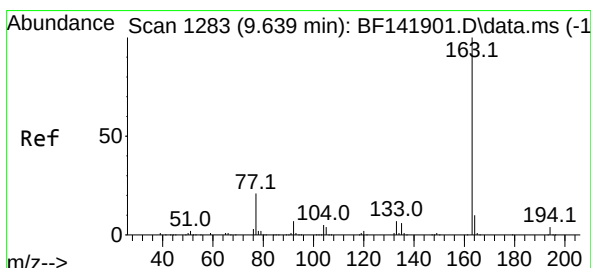
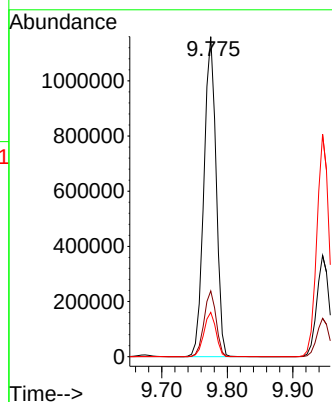
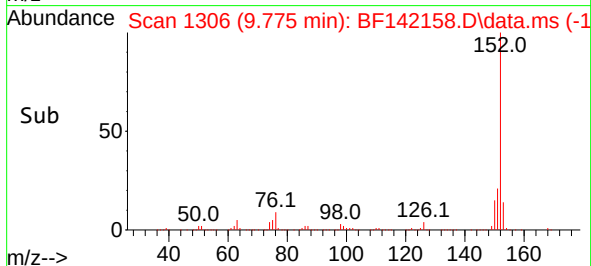


Tgt Ion:152 Resp: 150211
Ion Ratio Lower Upper
152 100
151 20.6 16.3 24.5
153 13.9 11.1 16.7

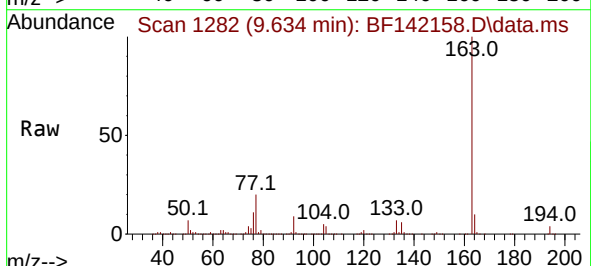
Manual Integrations

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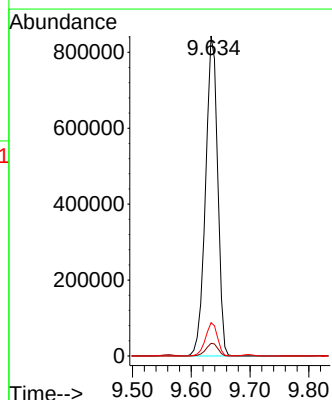
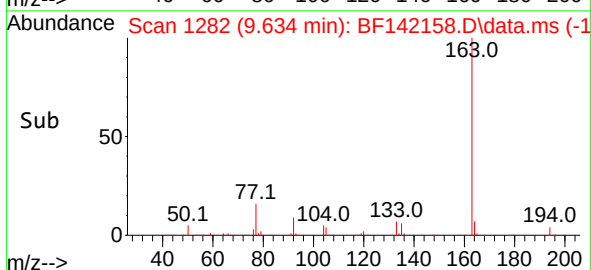
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

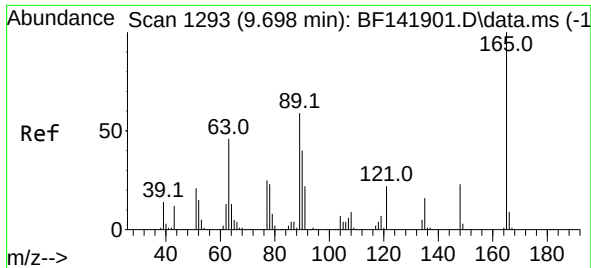


#50
Dimethylphthalate
Concen: 55.082 ng
RT: 9.634 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



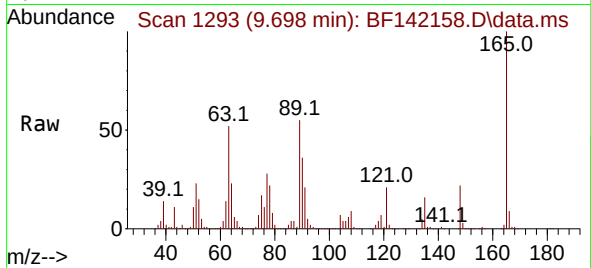
Tgt Ion:163 Resp: 1202847
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 56.990 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

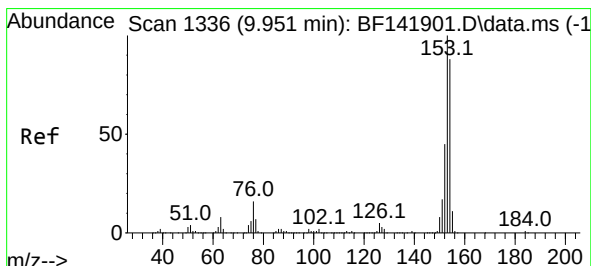
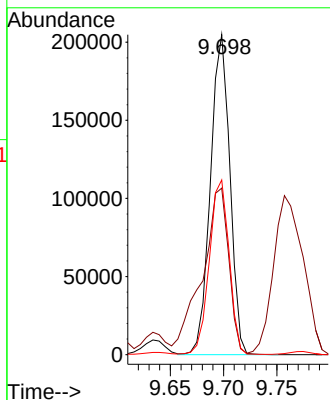
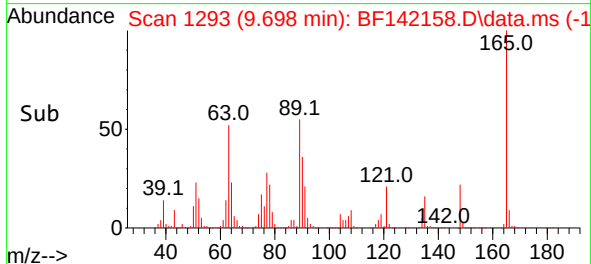
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:165 Resp: 259119
Ion Ratio Lower Upper
165 100
63 52.1 47.0 70.4
89 54.6 47.4 71.2

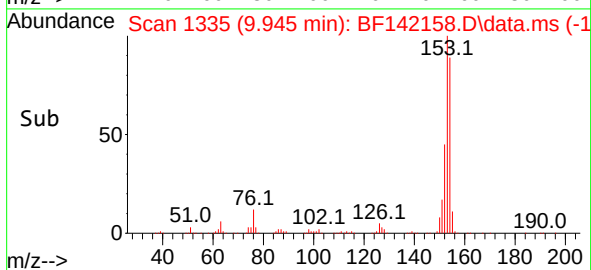
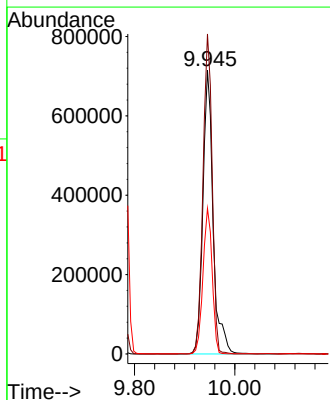
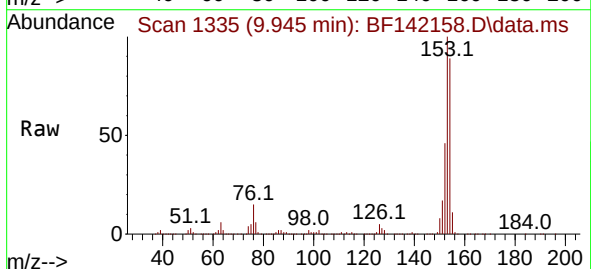
Manual Integrations
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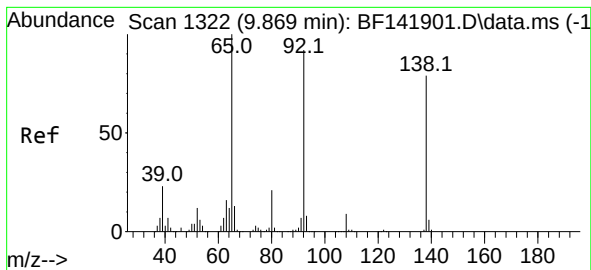
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#52
Acenaphthene
Concen: 54.986 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

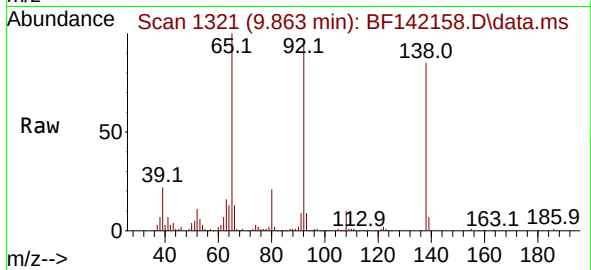
Tgt Ion:154 Resp: 1012699
Ion Ratio Lower Upper
154 100
153 112.9 90.7 136.1
152 51.4 41.1 61.7





#53
3-Nitroaniline
Concen: 15.924 ng
RT: 9.863 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

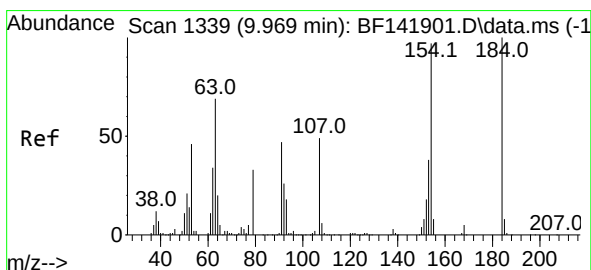
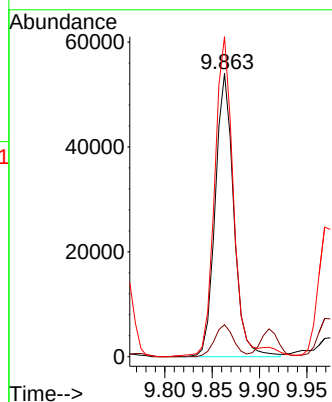
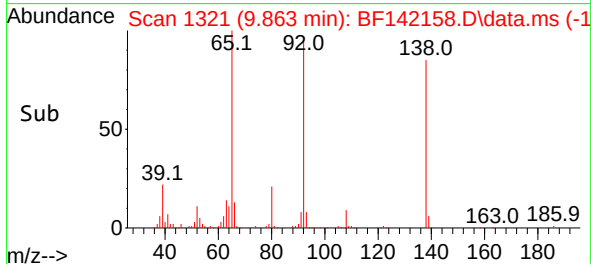
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:138 Resp: 7344
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 113.0 93.5 140.3

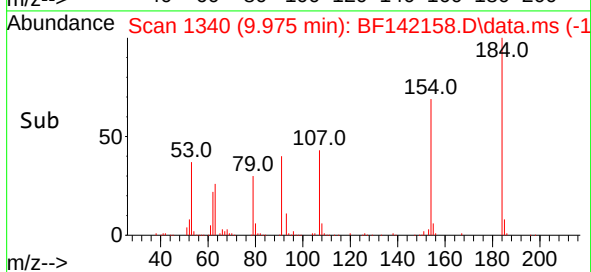
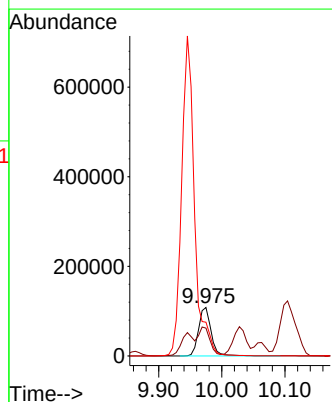
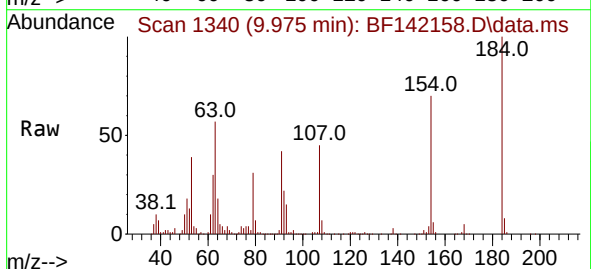
Manual Integrations
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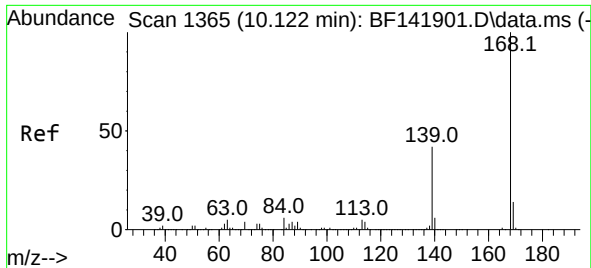
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#54
2,4-Dinitrophenol
Concen: 59.428 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

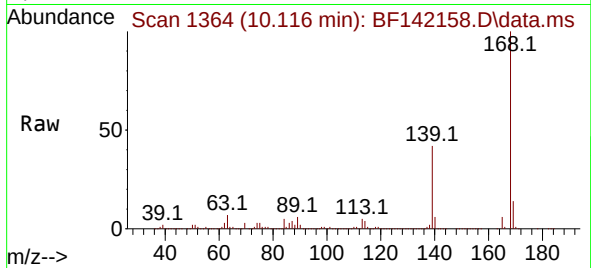
Tgt Ion:184 Resp: 148767
Ion Ratio Lower Upper
184 100
63 57.4 60.2 90.4#
154 69.7 132.9 199.3#





#55
Dibenzenofuran
Concen: 52.220 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

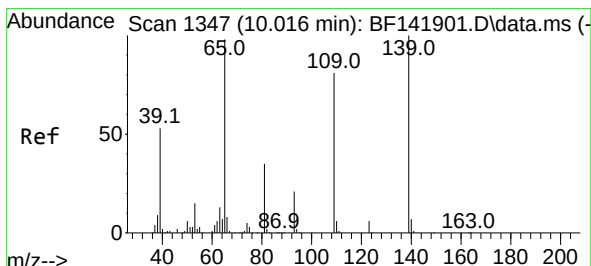
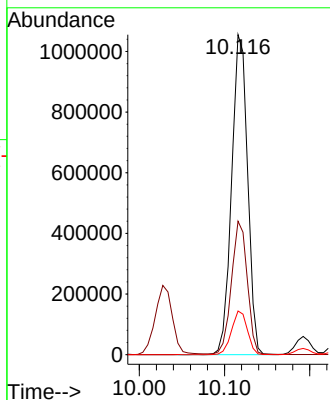
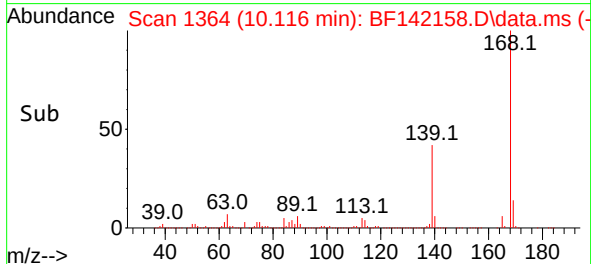
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:168 Resp: 1374240
Ion Ratio Lower Upper
168 100
139 41.7 33.9 50.9
169 13.7 11.0 16.4

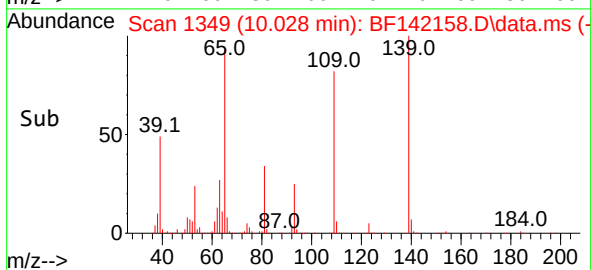
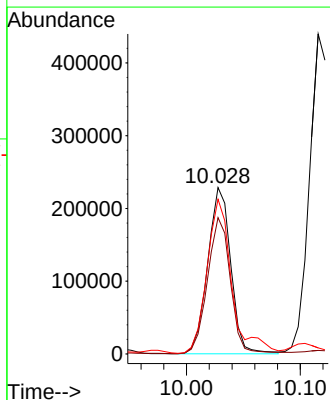
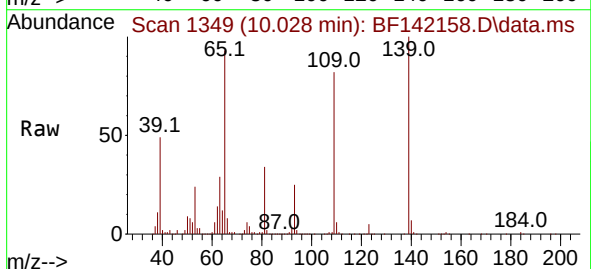
Manual Integrations
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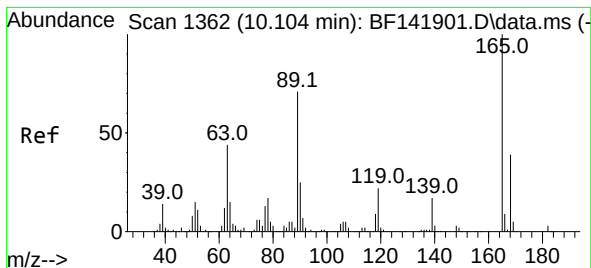
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#56
4-Nitrophenol
Concen: 92.765 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:139 Resp: 322647
Ion Ratio Lower Upper
139 100
109 82.0 61.6 101.6
65 92.9 79.4 119.4





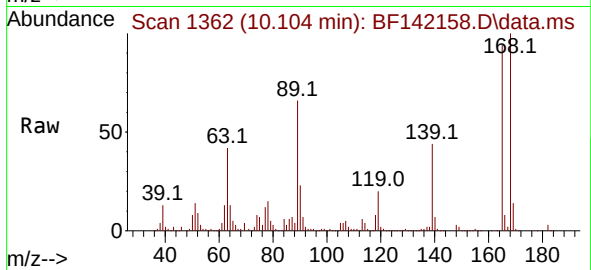
#57
2,4-Dinitrotoluene
Concen: 60.945 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

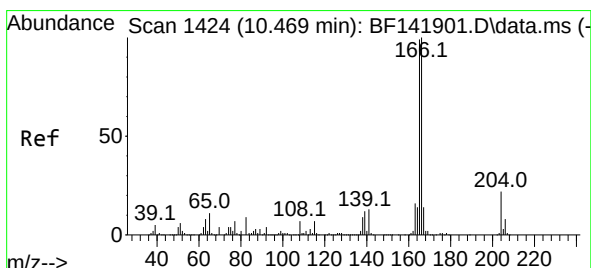
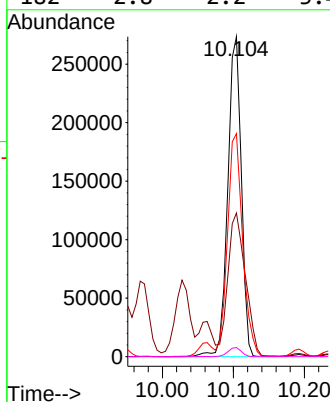
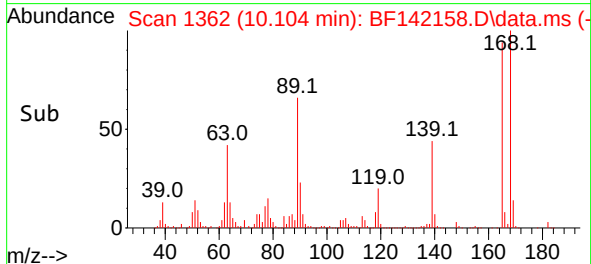


Tgt Ion:165 Resp: 361920
Ion Ratio Lower Upper
165 100
63 44.9 35.4 53.2
89 69.7 56.6 84.8
182 2.8 2.2 3.4

Manual Integrations

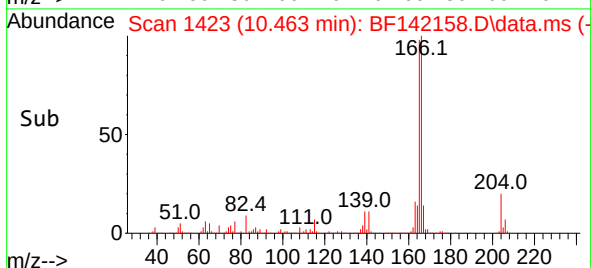
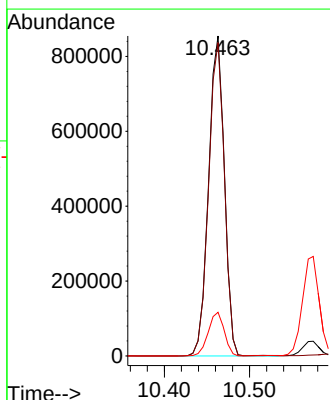
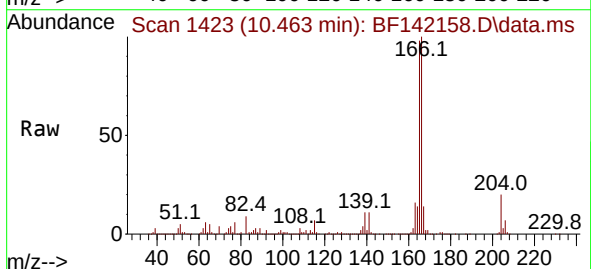
APPROVED

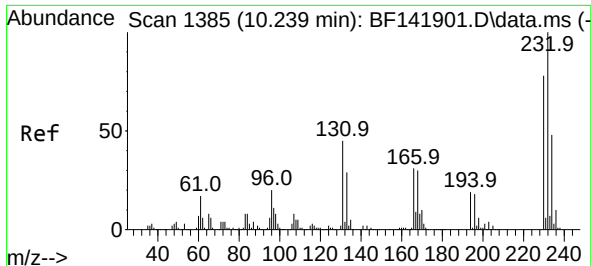
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#58
Fluorene
Concen: 54.433 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

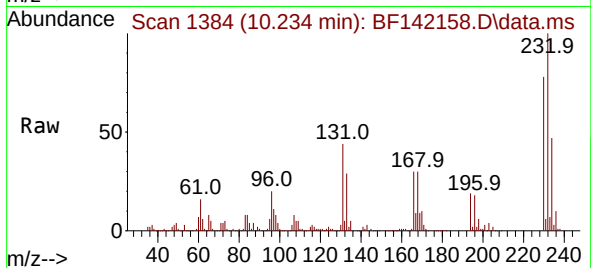
Tgt Ion:166 Resp: 1104684
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.925 ng
RT: 10.234 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

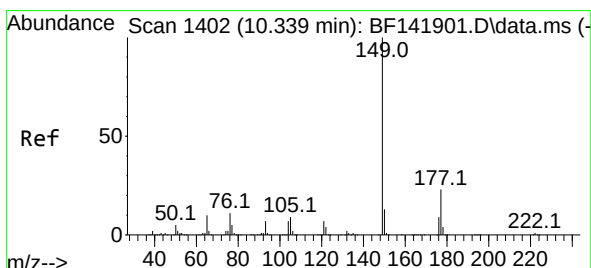
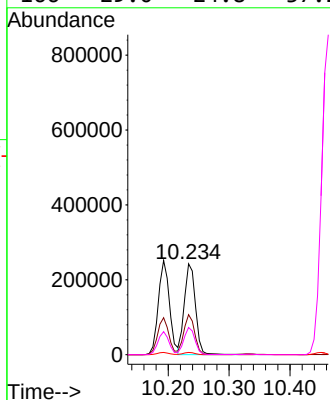
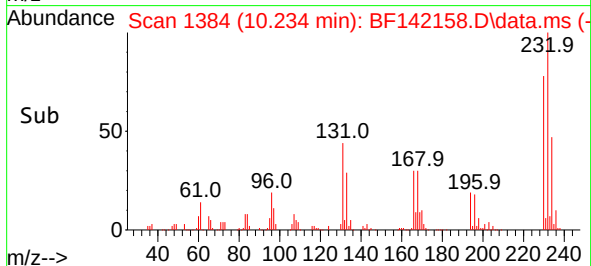
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:232 Resp: 30837
Ion Ratio Lower Upper
232 100
131 43.7 37.3 55.9
130 2.6 1.9 2.9
166 29.0 24.8 37.2

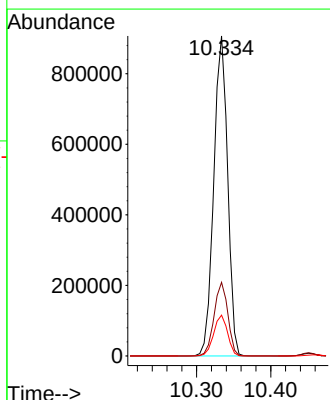
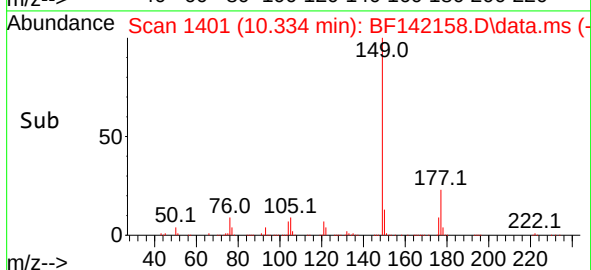
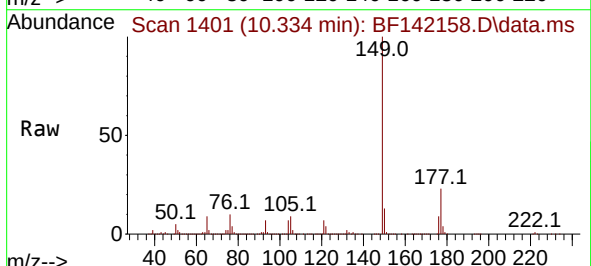
Manual Integrations
APPROVED

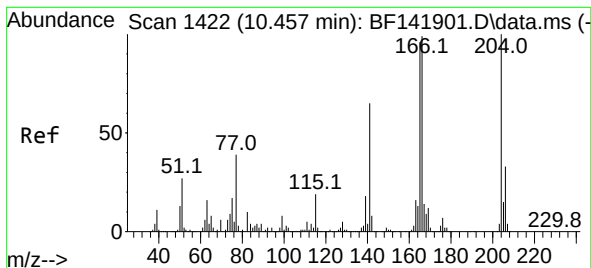
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#60
Diethylphthalate
Concen: 54.108 ng
RT: 10.334 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

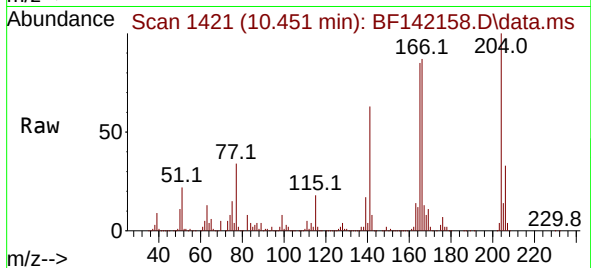
Tgt Ion:149 Resp: 1178180
Ion Ratio Lower Upper
149 100
177 23.0 18.0 27.0
150 12.7 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 55.534 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

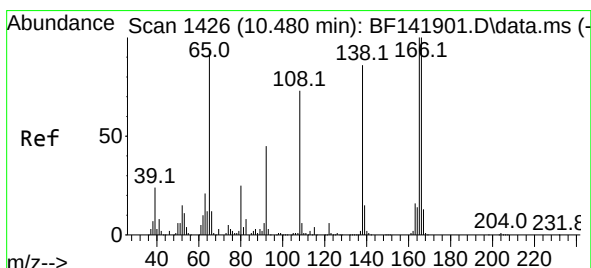
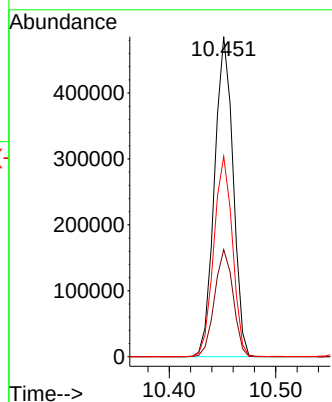
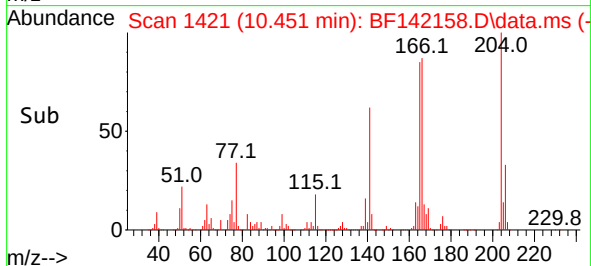
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:204 Resp: 58757
Ion Ratio Lower Upper
204 100
206 33.4 26.8 40.2
141 62.5 52.4 78.6

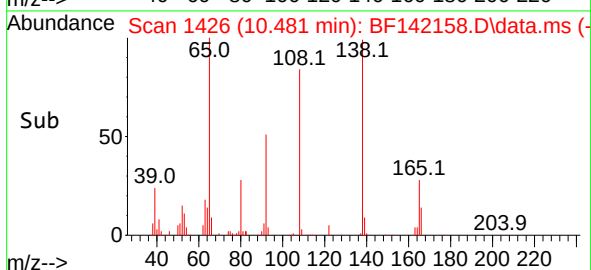
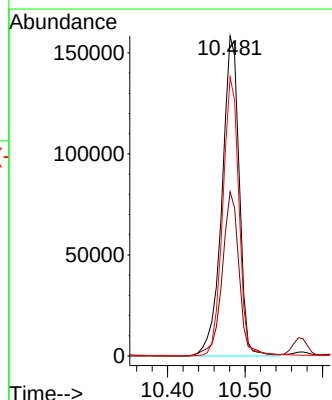
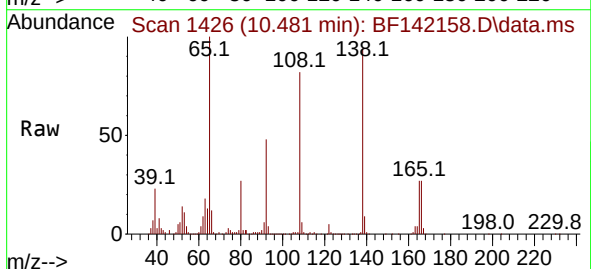
Manual Integrations
APPROVED

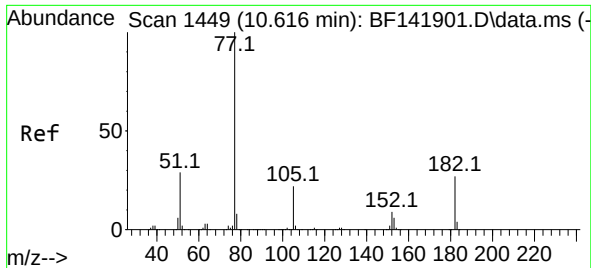
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#62
4-Nitroaniline
Concen: 54.695 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

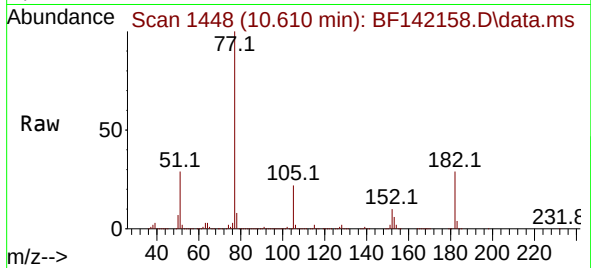
Tgt Ion:138 Resp: 245587
Ion Ratio Lower Upper
138 100
92 51.3 32.6 72.6
108 87.2 65.0 105.0





#63
Azobenzene
Concen: 49.853 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

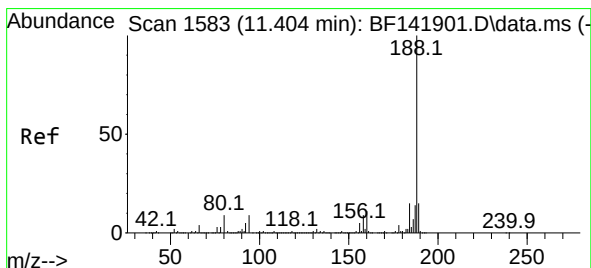
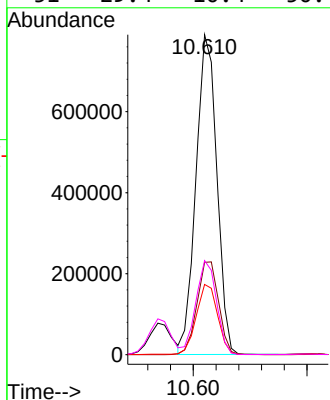
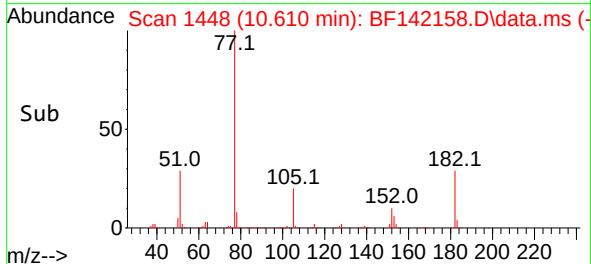
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



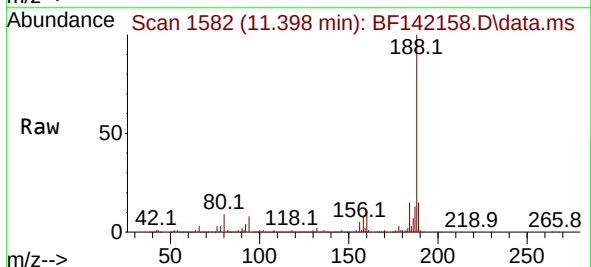
Tgt Ion: 77 Resp: 1009238
Ion Ratio Lower Upper
77 100
182 28.8 6.6 46.6
105 21.9 1.3 41.3
51 29.4 10.4 50.4

Manual Integrations
APPROVED

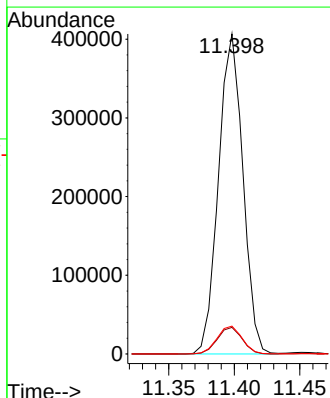
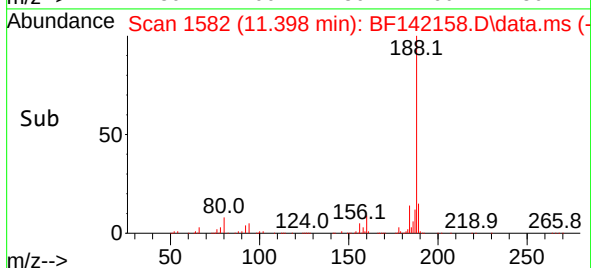
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

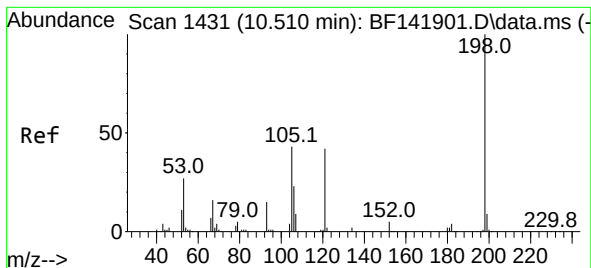


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07



Tgt Ion:188 Resp: 525656
Ion Ratio Lower Upper
188 100
94 8.3 6.8 10.2
80 8.7 7.6 11.4





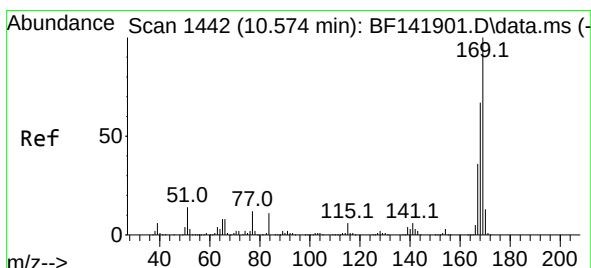
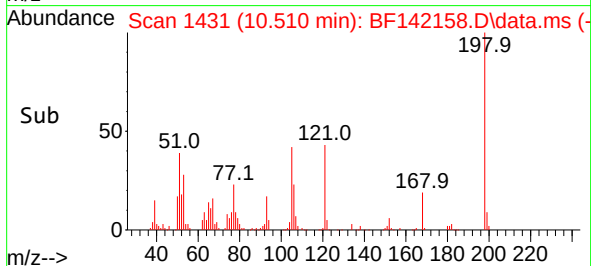
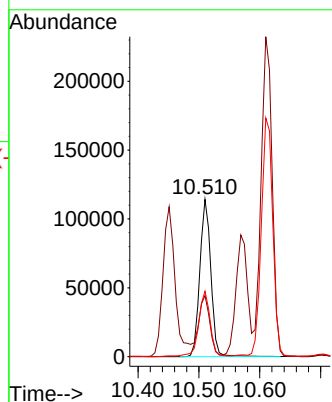
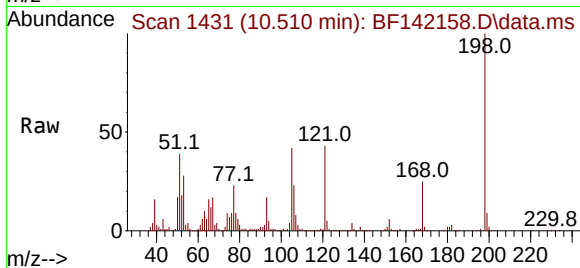
#65
4,6-Dinitro-2-methylphenol
Concen: 45.943 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD

Tgt Ion:198 Resp: 14397
Ion Ratio Lower Upper
198 100
51 38.9 22.3 62.3
105 41.6 23.0 63.0

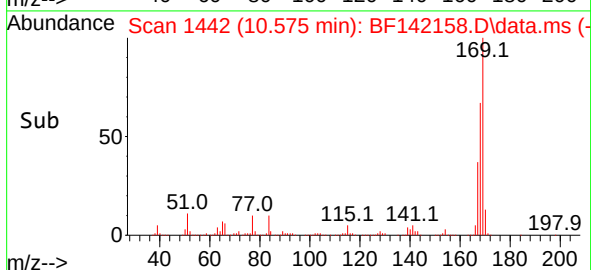
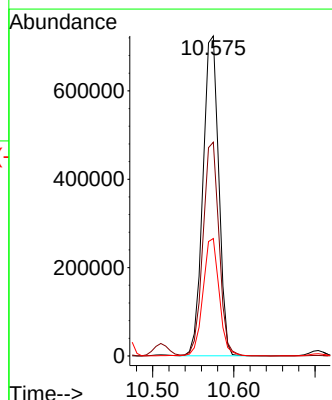
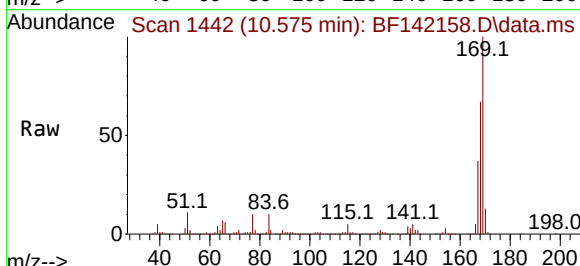
Manual Integrations
APPROVED

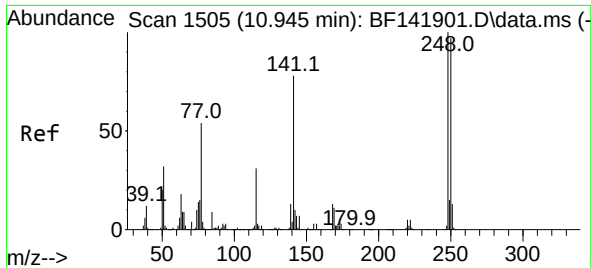
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#66
n-Nitrosodiphenylamine
Concen: 57.249 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

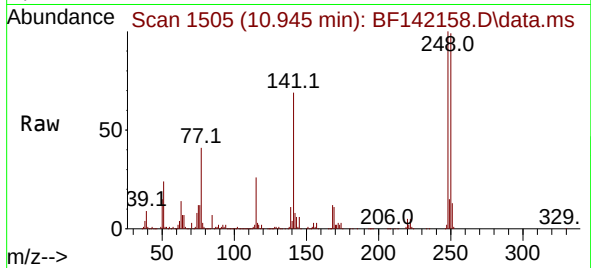
Tgt Ion:169 Resp: 973826
Ion Ratio Lower Upper
169 100
168 66.8 53.7 80.5
167 36.7 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 58.730 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

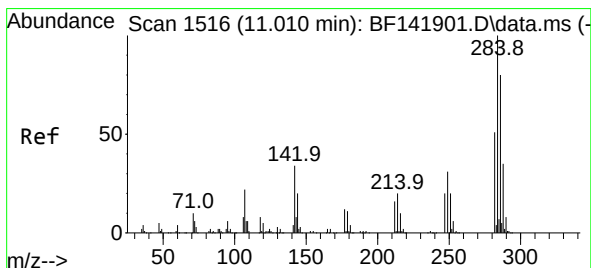
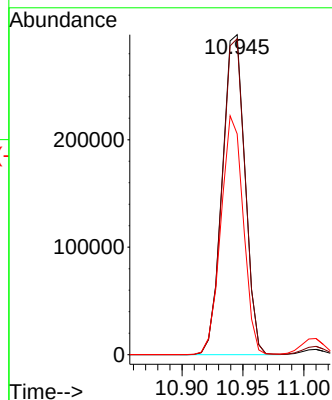
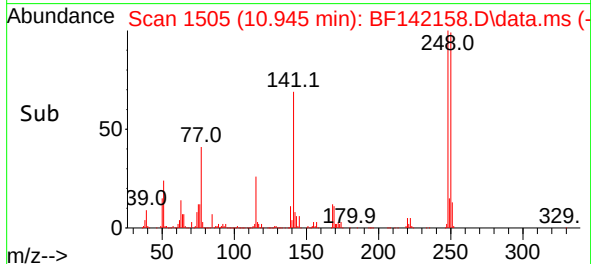
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:248 Resp: 38771
Ion Ratio Lower Upper
248 100
250 98.8 77.8 116.8
141 69.0 62.6 93.8

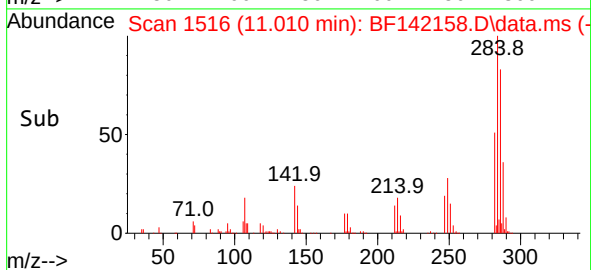
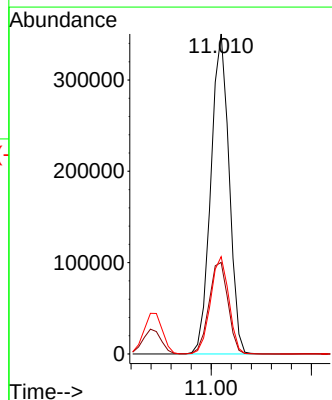
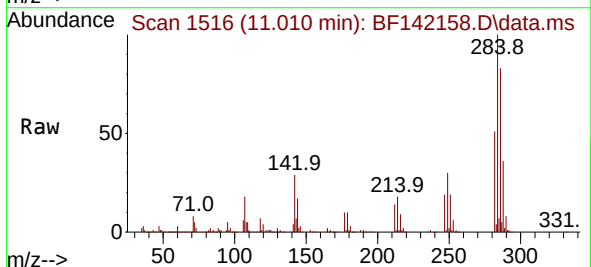
Manual Integrations
APPROVED

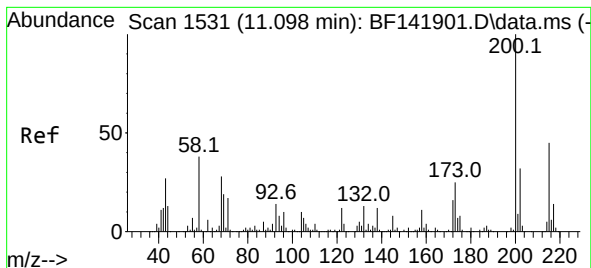
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#68
Hexachlorobenzene
Concen: 60.994 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:284 Resp: 441629
Ion Ratio Lower Upper
284 100
142 28.6 27.0 40.6
249 30.4 25.2 37.8





#69

Atrazine

Concen: 63.041 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF142158.D

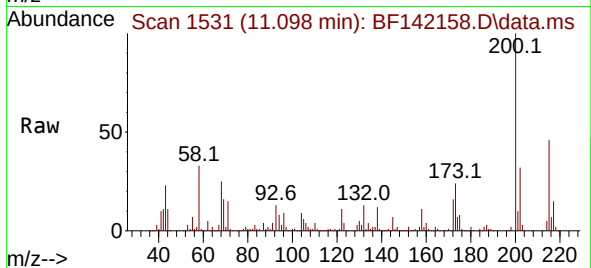
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD



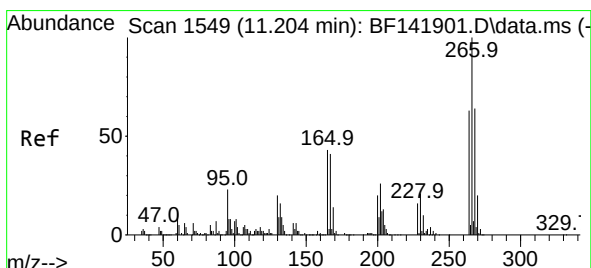
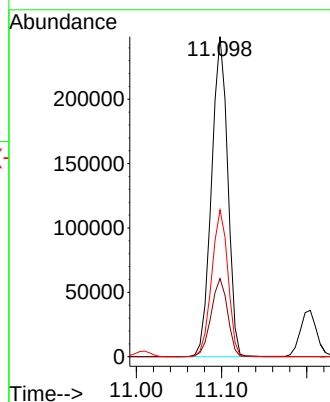
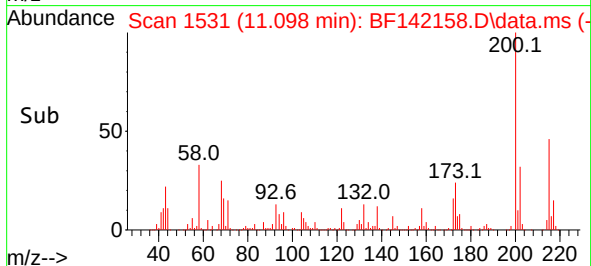
Tgt Ion:	200	Resp:	32874
Ion Ratio	Lower	Upper	
200	100		
173	24.4	4.7	44.7
215	45.8	25.4	65.4

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#70

Pentachlorophenol

Concen: 60.068 ng

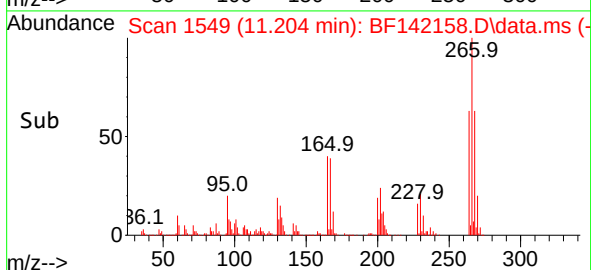
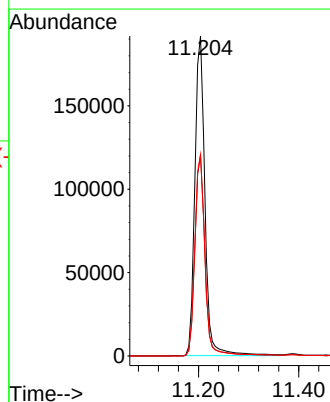
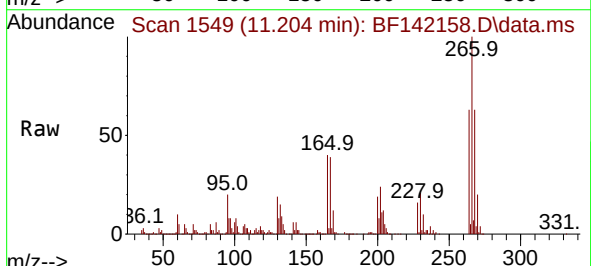
RT: 11.204 min Scan# 1549

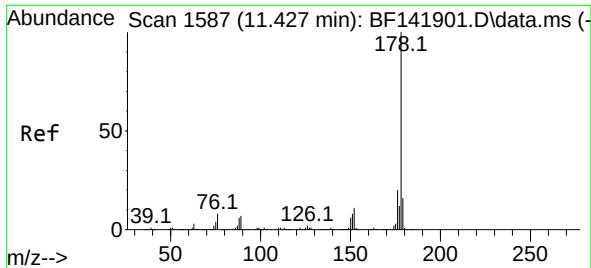
Delta R.T. 0.000 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

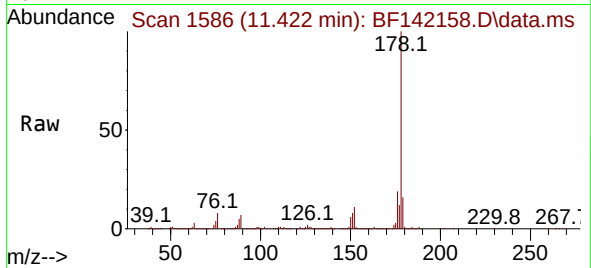
Tgt Ion:	266	Resp:	267968
Ion Ratio	Lower	Upper	
266	100		
268	62.8	51.0	76.6
264	63.0	50.2	75.2





#71
Phenanthrene
Concen: 56.135 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

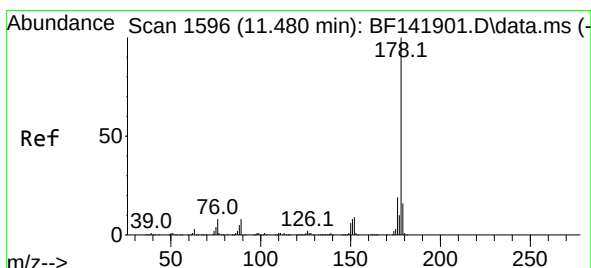
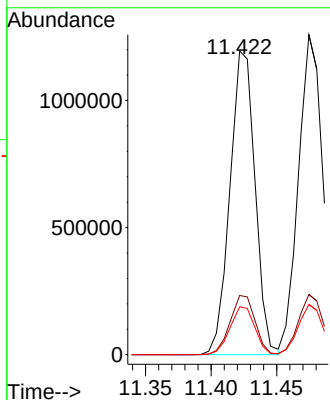
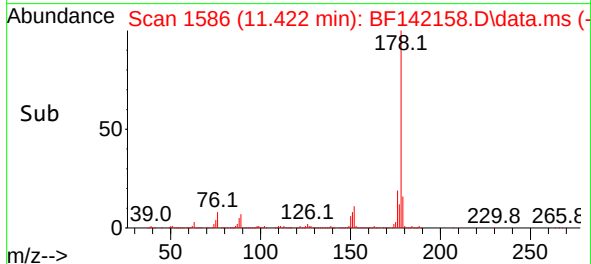
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:178 Resp: 159380
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 15.8 12.6 19.0

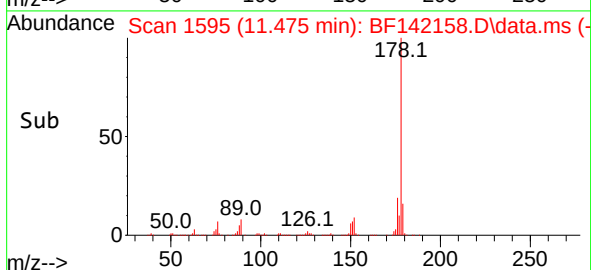
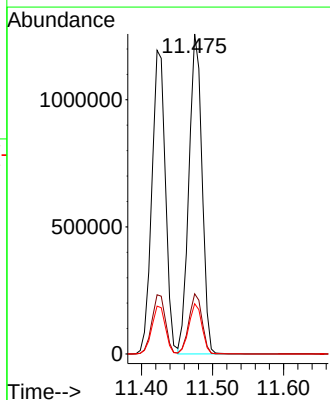
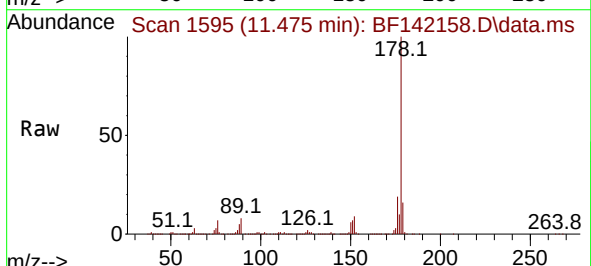
Manual Integrations
APPROVED

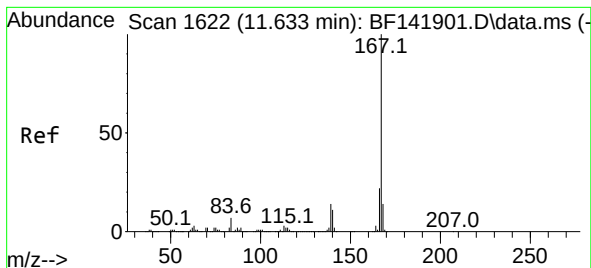
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#72
Anthracene
Concen: 56.602 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:178 Resp: 1612313
Ion Ratio Lower Upper
178 100
176 18.8 15.1 22.7
179 15.7 12.6 19.0





#73

Carbazole

Concen: 55.230 ng

RT: 11.628 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142158.D

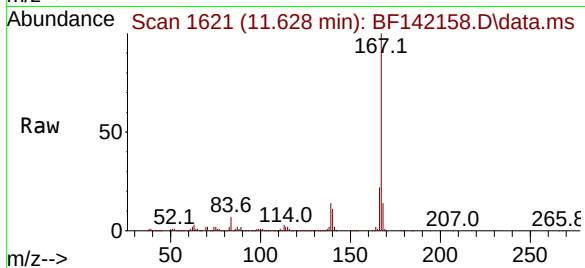
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD



Tgt Ion:167 Resp: 135676

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

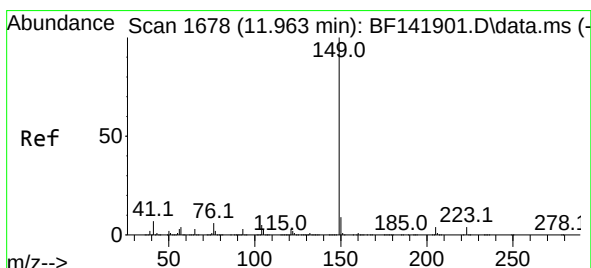
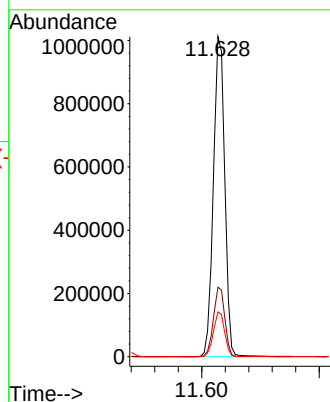
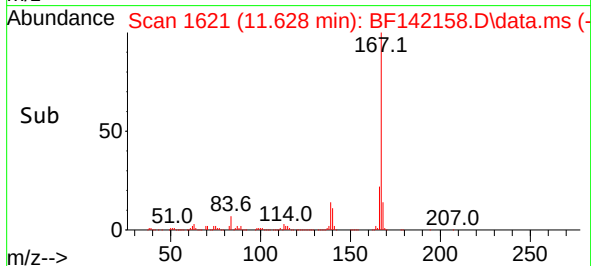
139 14.0 11.0 16.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#74

Di-n-butylphthalate

Concen: 52.715 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

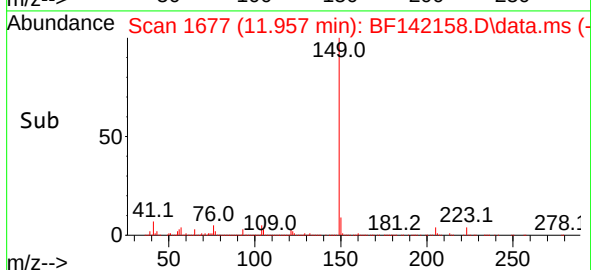
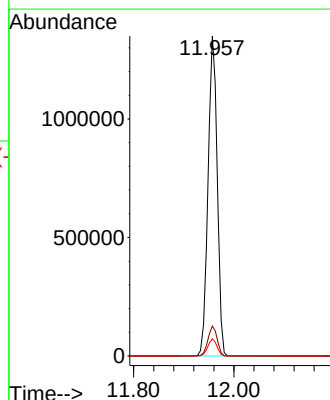
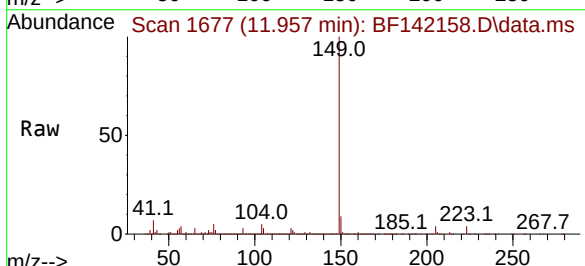
Tgt Ion:149 Resp: 1718306

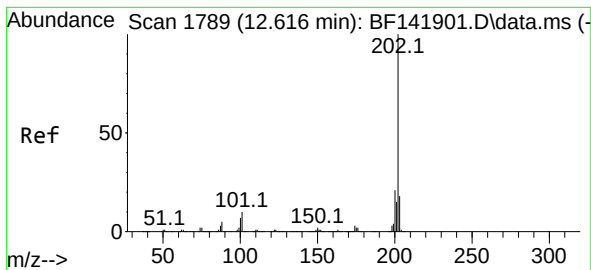
Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

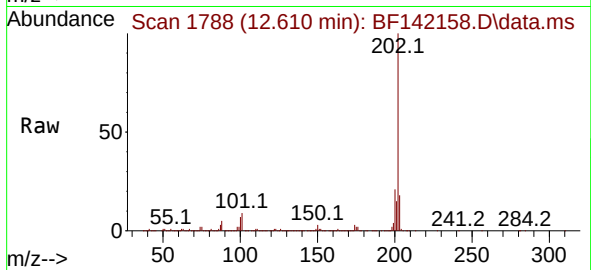
104 5.3 4.4 6.6





#75
Fluoranthene
Concen: 48.510 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

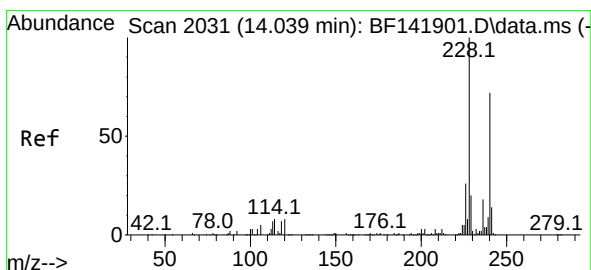
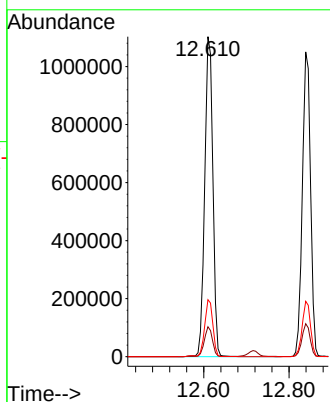
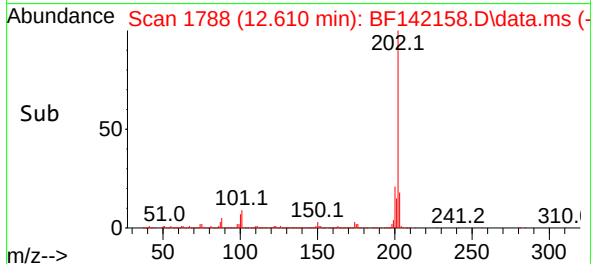
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:202 Resp: 1461014
Ion Ratio Lower Upper
202 100
101 9.4 0.0 29.7
203 17.8 0.0 37.8

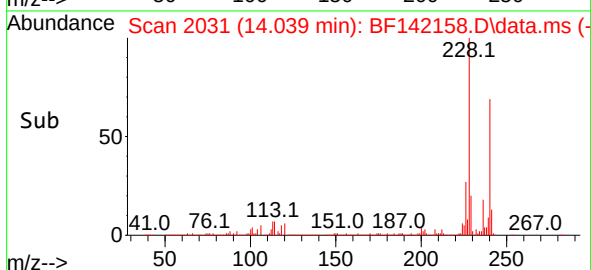
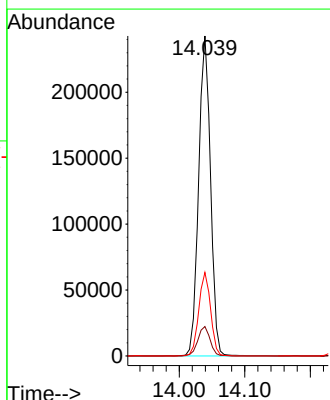
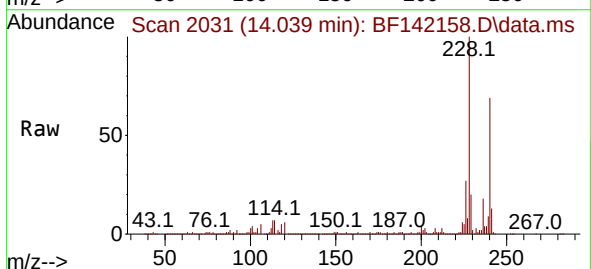
Manual Integrations
APPROVED

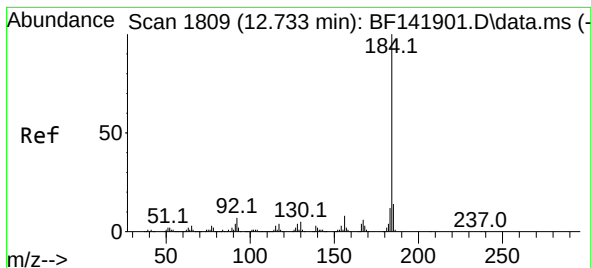
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:240 Resp: 306222
Ion Ratio Lower Upper
240 100
120 9.2 8.4 12.6
236 26.1 20.5 30.7





#77

Benzidine

Concen: 28.155 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

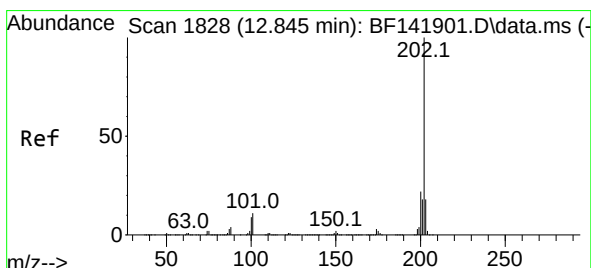
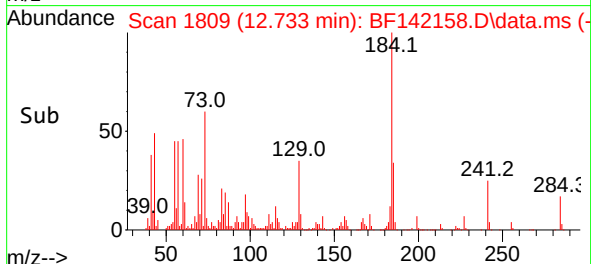
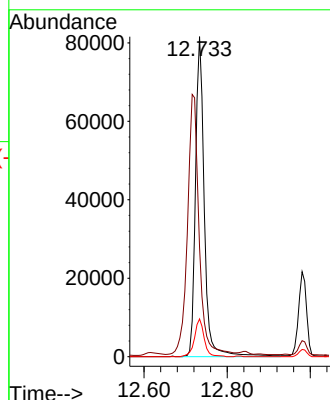
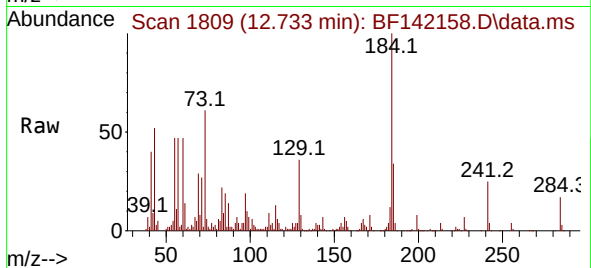
PAT-1-032525MSD

Tgt Ion:184 Resp: 120290
 Ion Ratio Lower Upper
 184 100
 185 34.1 11.5 17.3
 183 11.8 9.7 14.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#78

Pyrene

Concen: 52.976 ng

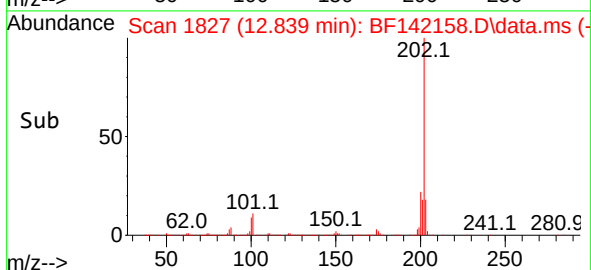
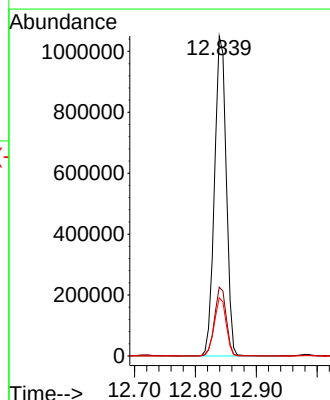
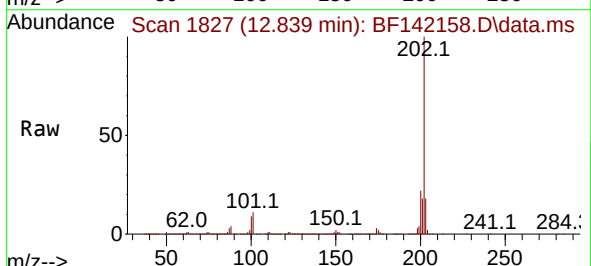
RT: 12.839 min Scan# 1827

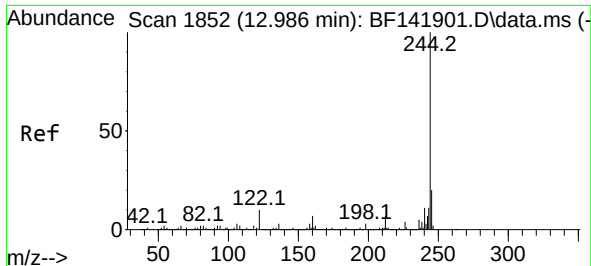
Delta R.T. -0.006 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

Tgt Ion:202 Resp: 1403256
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.3 25.9
 203 18.2 14.4 21.6





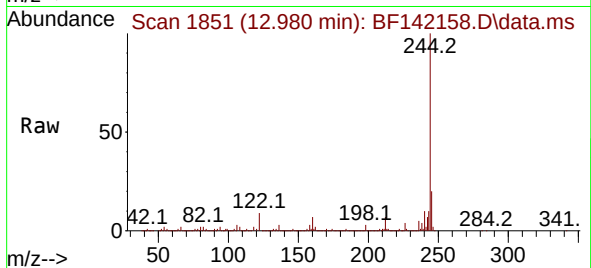
#79
 Terphenyl-d14
 Concen: 99.819 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF142158.D
 Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

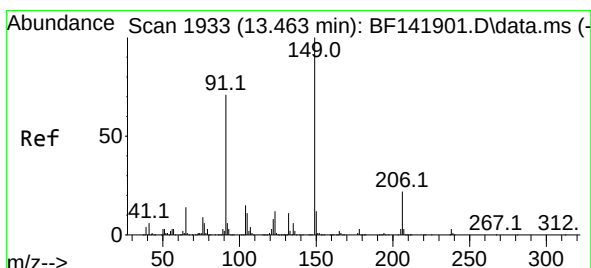
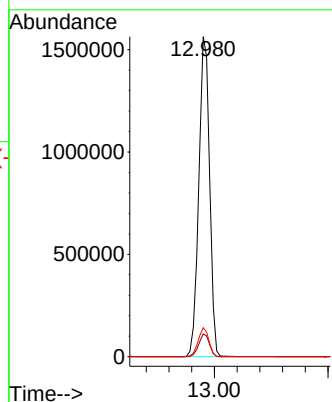
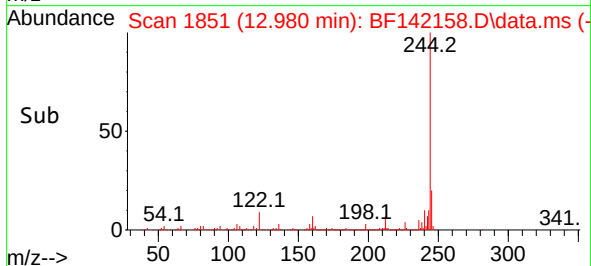


Tgt Ion:244 Resp: 2067478
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.0 7.7 11.5

Manual Integrations

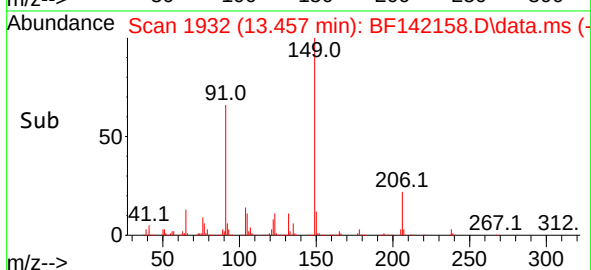
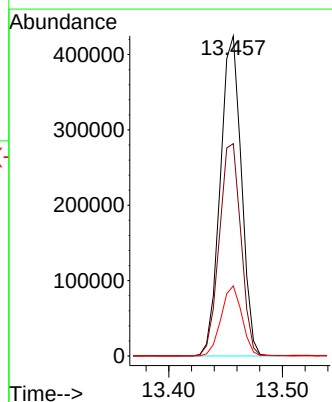
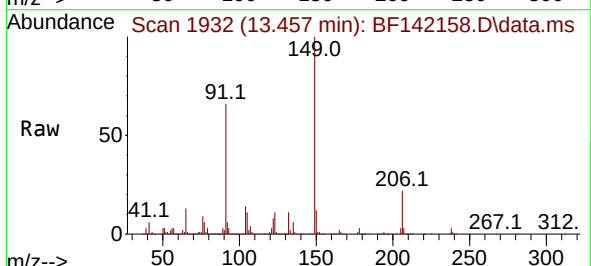
APPROVED

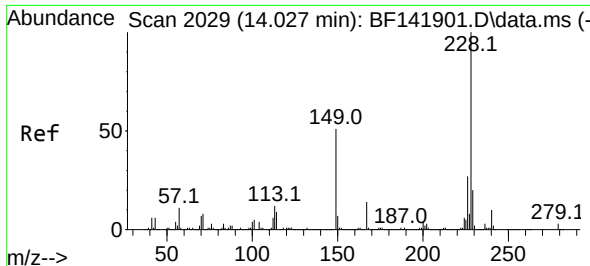
Reviewed By :Anahy Claudio 03/31/2025
 Supervised By :Jagrut Upadhyay 03/31/2025



#80
 Butylbenzylphthalate
 Concen: 52.915 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF142158.D
 Acq: 28 Mar 2025 14:07

Tgt Ion:149 Resp: 548605
 Ion Ratio Lower Upper
 149 100
 91 66.4 56.5 84.7
 206 21.9 17.3 25.9





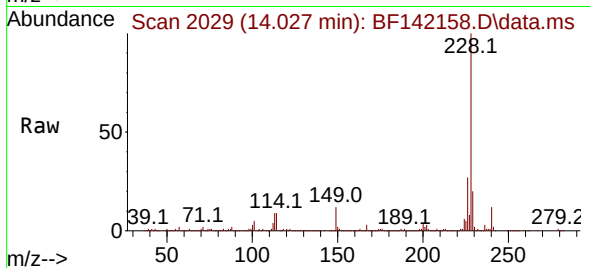
#81
Benzo(a)anthracene
Concen: 55.350 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD

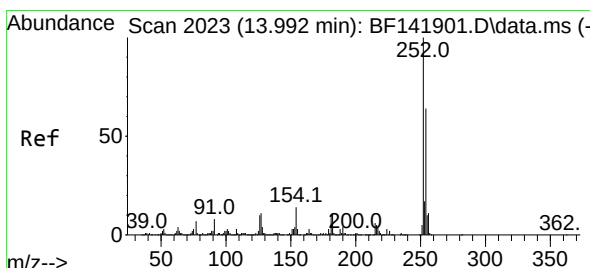
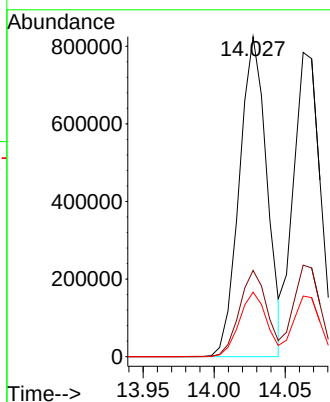
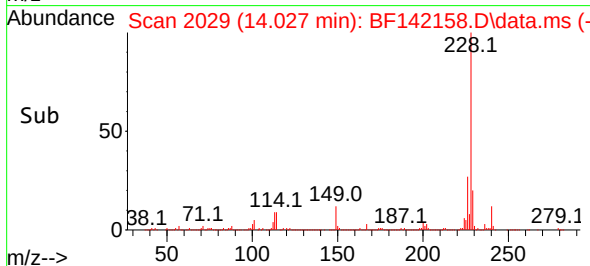


Tgt Ion:228 Resp: 111222
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 20.2 16.0 24.0

Manual Integrations

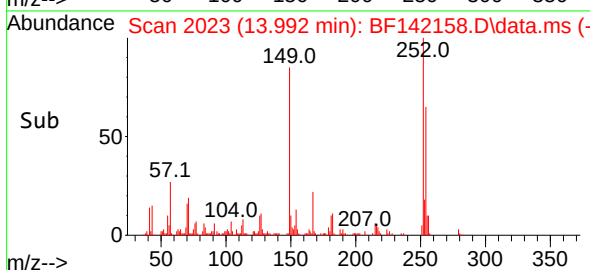
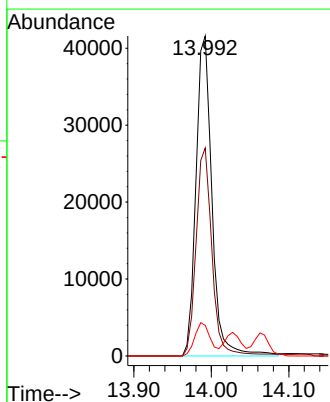
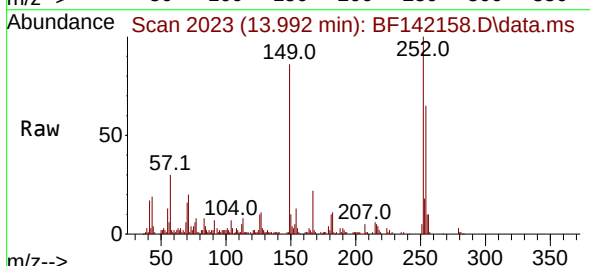
APPROVED

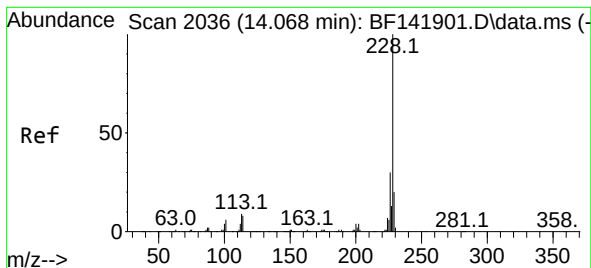
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#82
3,3'-Dichlorobenzidine
Concen: 10.272 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:252 Resp: 59648
Ion Ratio Lower Upper
252 100
254 65.0 51.0 76.6
126 9.6 8.4 12.6





#83

Chrysene

Concen: 56.586 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142158.D

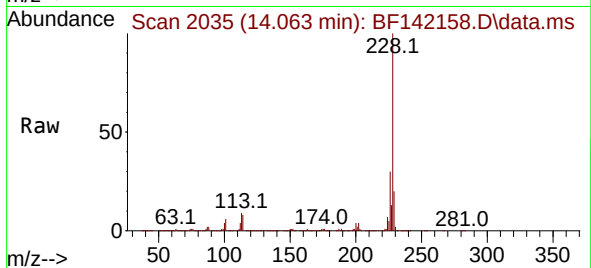
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

PAT-1-032525MSD



Tgt Ion:228 Resp: 1030710

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

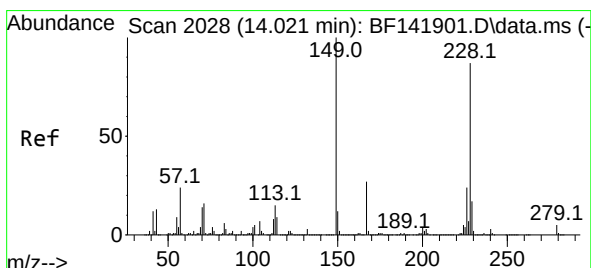
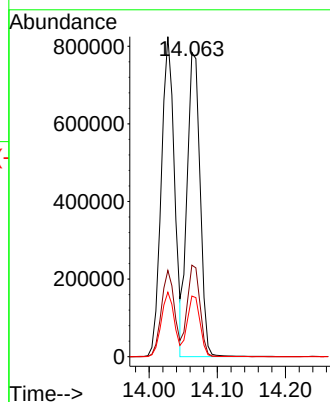
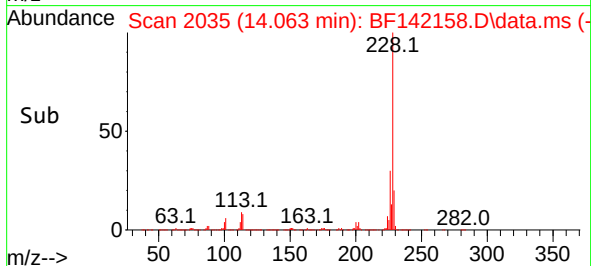
229 19.9 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/31/2025

Supervised By :Jagrut Upadhyay 03/31/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.309 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142158.D

Acq: 28 Mar 2025 14:07

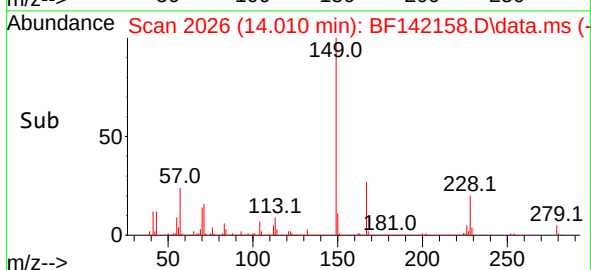
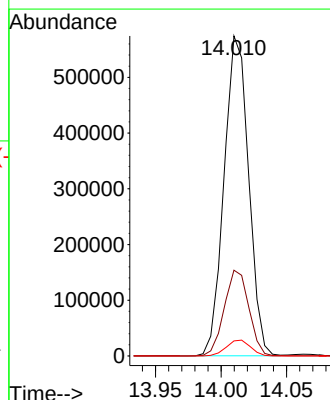
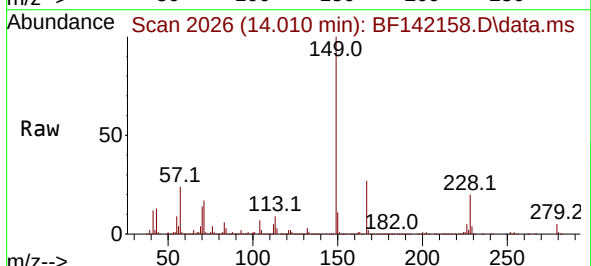
Tgt Ion:149 Resp: 747741

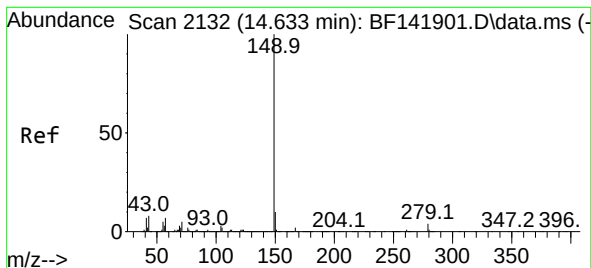
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.0

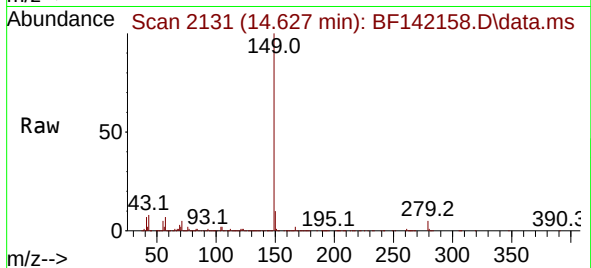
279 4.7 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 62.232 ng
RT: 14.627 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

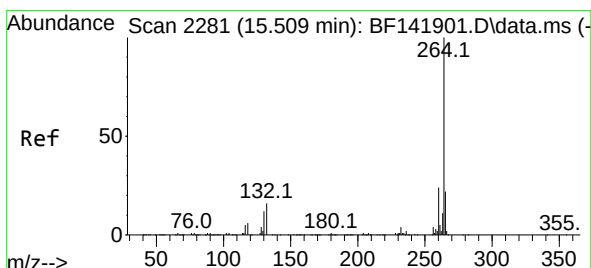
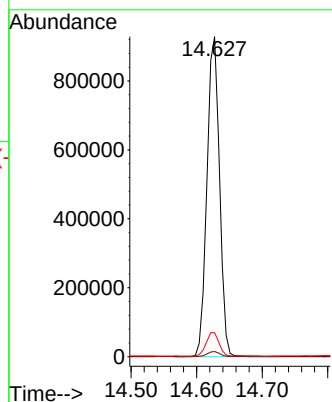
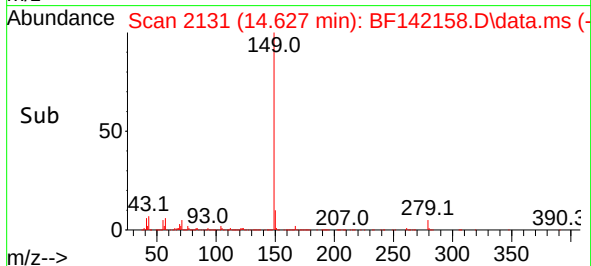
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:149 Resp: 1237770
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.5 6.9 10.3

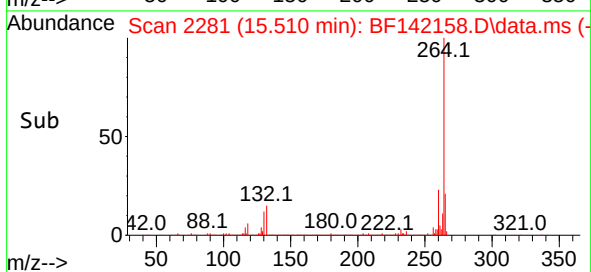
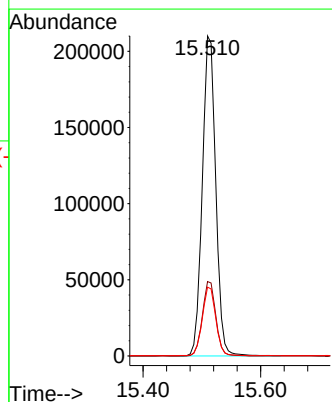
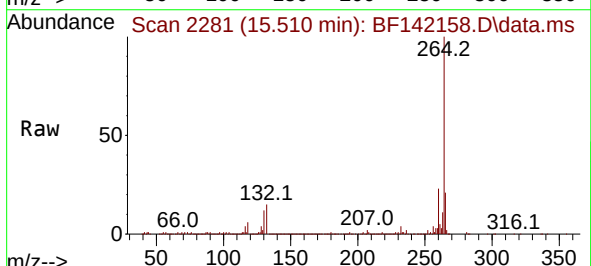
Manual Integrations
APPROVED

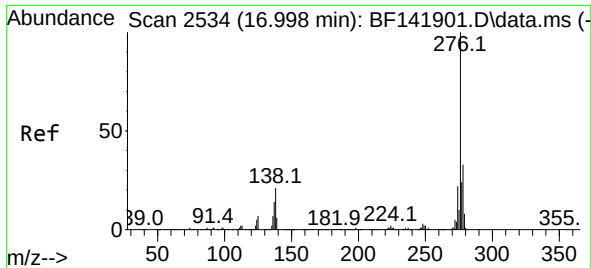
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

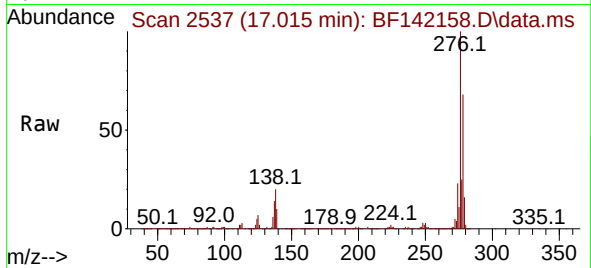
Tgt Ion:264 Resp: 333261
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.5 17.5 26.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 62.509 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

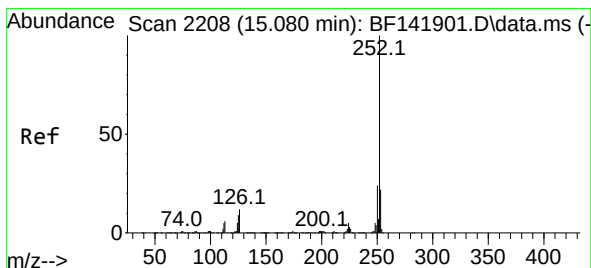
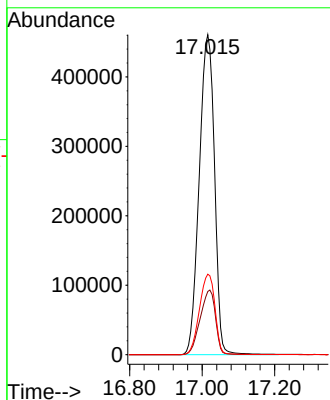
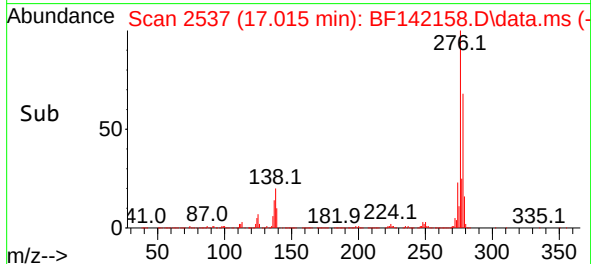
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:276 Resp: 1347574
Ion Ratio Lower Upper
276 100
138 20.3 18.4 27.6
277 25.6 20.3 30.5

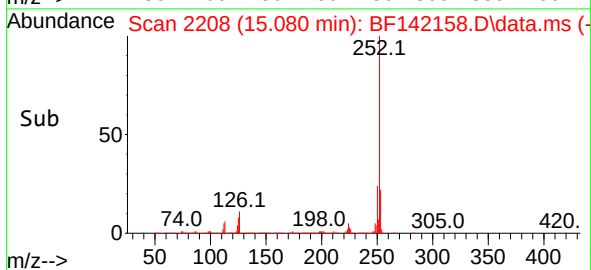
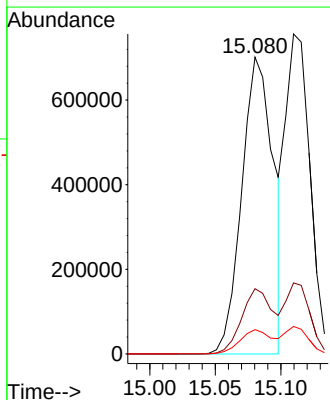
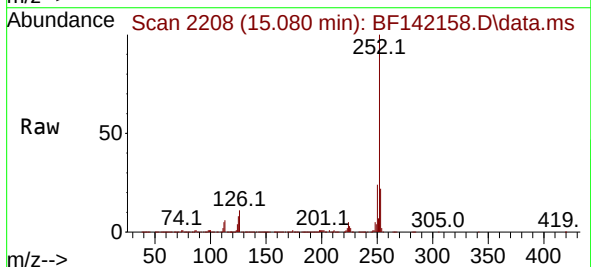
Manual Integrations
APPROVED

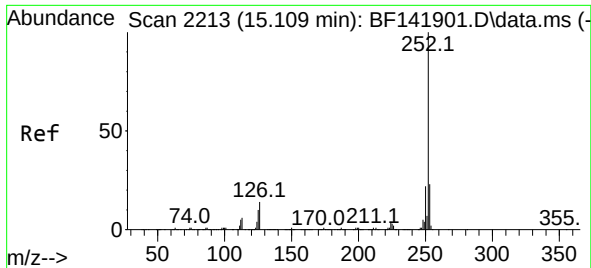
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#88
Benzo(b)fluoranthene
Concen: 51.483 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:252 Resp: 1175889
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.2 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 50.757 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Instrument :

BNA_F

ClientSampleId :

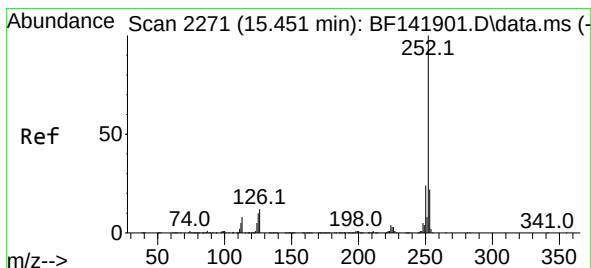
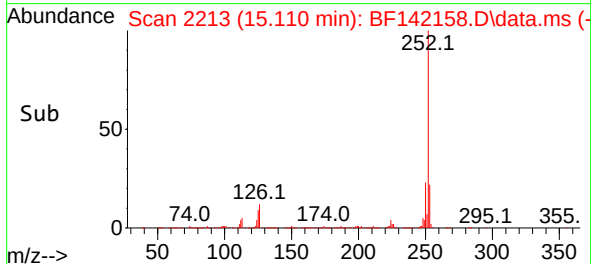
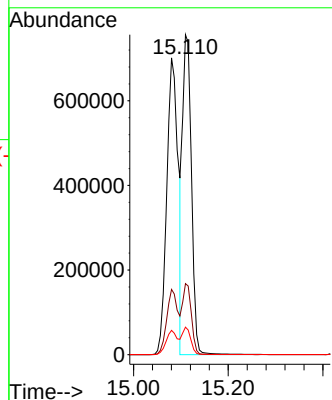
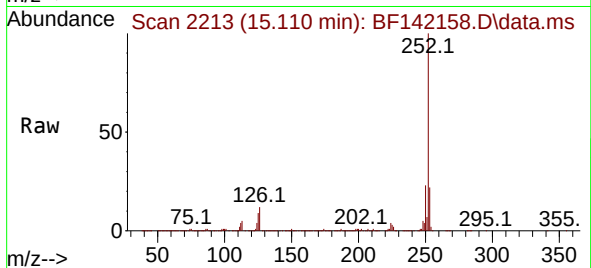
PAT-1-032525MSD

Tgt Ion:252 Resp: 99210
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 8.6 7.2 10.8

Manual Integrations

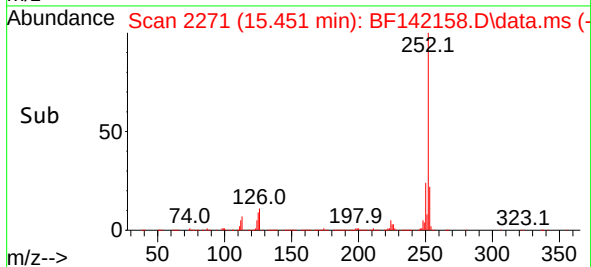
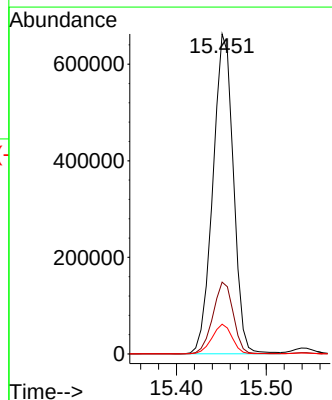
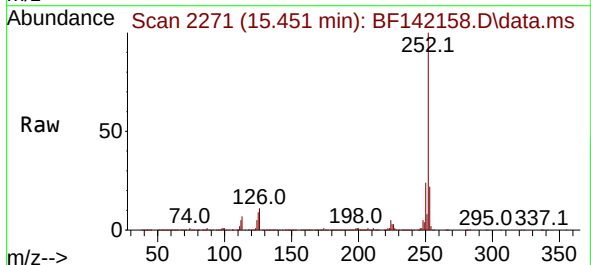
APPROVED

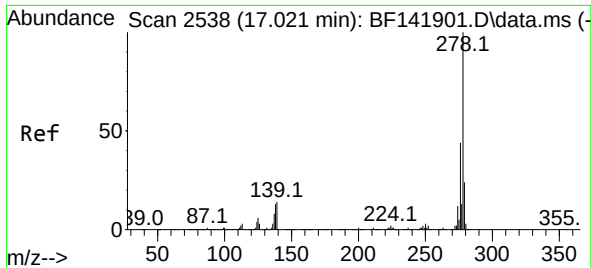
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#90
Benzo(a)pyrene
Concen: 58.802 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

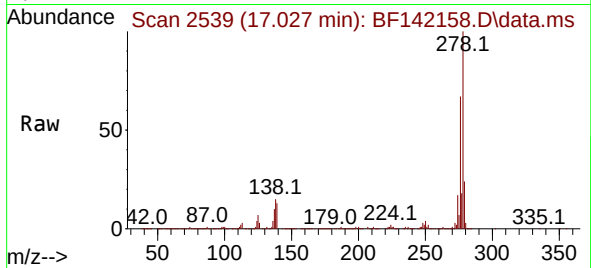
Tgt Ion:252 Resp: 1050894
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 9.3 7.8 11.8





#91
Dibenzo(a,h)anthracene
Concen: 62.894 ng
RT: 17.027 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

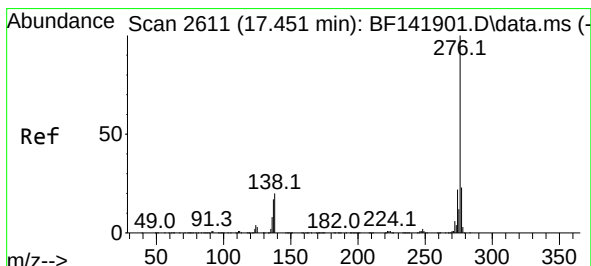
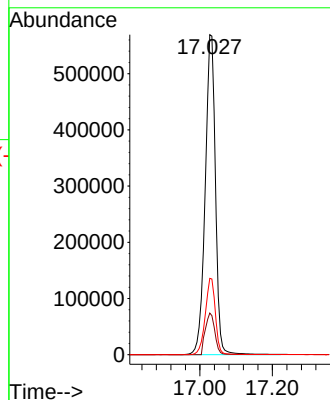
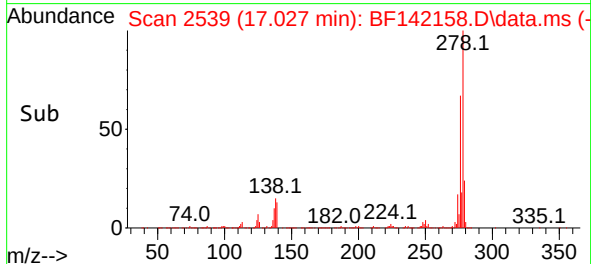
Instrument :
BNA_F
ClientSampleId :
PAT-1-032525MSD



Tgt Ion:278 Resp: 111870
Ion Ratio Lower Upper
278 100
139 13.0 11.4 17.2
279 23.8 18.8 28.2

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025



#92
Benzo(g,h,i)perylene
Concen: 58.882 ng
RT: 17.462 min Scan# 2613
Delta R.T. 0.012 min
Lab File: BF142158.D
Acq: 28 Mar 2025 14:07

Tgt Ion:276 Resp: 1034980
Ion Ratio Lower Upper
276 100
277 23.6 18.7 28.1
138 17.6 15.8 23.8

