

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030325\
 Data File : BF141813.D
 Acq On : 03 Mar 2025 15:15
 Operator : RC/JU
 Sample : PB166948BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166948BS

Manual Integrations
 APPROVED

Reviewed By :Anahy Claudio 03/04/2025
 Supervised By :Jagrut Upadhyay 03/04/2025

Quant Time: Mar 03 15:35:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	312317	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1278557	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	706478	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1160885	20.000	ng	0.00
76) Chrysene-d12	14.045	240	677456	20.000	ng	0.00
86) Perylene-d12	15.516	264	595878	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2603354	133.119	ng	0.02
7) Phenol-d6	6.510	99	3330064	130.823	ng	0.00
23) Nitrobenzene-d5	7.451	82	2151345	107.554	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1003715	151.332	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	4043761	91.779	ng	0.00
79) Terphenyl-d14	12.998	244	4267613	101.920	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	367274	41.389	ng	99
3) Pyridine	3.552	79	902244	40.865	ng	99
4) n-Nitrosodimethylamine	3.499	42	472799	44.505	ng	98
6) Aniline	6.551	93	943187	35.641	ng	99
8) 2-Chlorophenol	6.669	128	961449	45.446	ng	99
9) Benzaldehyde	6.440	77	390599	26.380	ng	100
10) Phenol	6.528	94	1171512	43.069	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	914590	44.111	ng	99
12) 1,3-Dichlorobenzene	6.828	146	981553	43.324	ng	99
13) 1,4-Dichlorobenzene	6.904	146	994174	43.551	ng	100
14) 1,2-Dichlorobenzene	7.057	146	961646	45.112	ng	99
15) Benzyl Alcohol	7.022	79	873873	42.956	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1402276	44.534	ng	100
17) 2-Methylphenol	7.134	107	801441	45.895	ng	100
18) Hexachloroethane	7.398	117	377262	44.154	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	710749	42.476	ng	99
20) 3+4-Methylphenols	7.287	107	965283	44.392	ng	# 86
22) Acetophenone	7.298	105	1447074	46.471	ng	98
24) Nitrobenzene	7.469	77	1018619	47.555	ng	100
25) Isophorone	7.710	82	1972971	45.913	ng	99
26) 2-Nitrophenol	7.781	139	409659	43.305	ng	99
27) 2,4-Dimethylphenol	7.816	122	862903	54.627	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	1187210	43.310	ng	99
29) 2,4-Dichlorophenol	8.022	162	806282	44.245	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	852801	42.707	ng	99
31) Naphthalene	8.192	128	2777062	42.261	ng	99
32) Benzoic acid	7.940	122	589138	45.216	ng	100
33) 4-Chloroaniline	8.234	127	386354	16.035	ng	99
34) Hexachlorobutadiene	8.310	225	537489	43.315	ng	99
35) Caprolactam	8.610	113	310030m	55.303	ng	
36) 4-Chloro-3-methylphenol	8.710	107	881480	43.544	ng	99
37) 2-Methylnaphthalene	8.881	142	1780885	41.318	ng	100
38) 1-Methylnaphthalene	8.981	142	1734005	41.927	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	930415	45.600	ng	99
41) Hexachlorocyclopentadiene	9.034	237	1182926	138.921	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	608868	46.196	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	579602	44.410	ng	98
46) 1,1'-Biphenyl	9.345	154	2494106	46.381	ng	99
47) 2-Chloronaphthalene	9.369	162	1711660	43.126	ng	99
48) 2-Nitroaniline	9.463	65	518618	47.761	ng	99
49) Acenaphthylene	9.787	152	2677140	44.989	ng	100
50) Dimethylphthalate	9.651	163	2054863	43.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	420239	46.524	ng	98
52) Acenaphthene	9.957	154	1875323	46.705	ng	99
53) 3-Nitroaniline	9.875	138	246155	26.922	ng	# 98
54) 2,4-Dinitrophenol	9.981	184	373036	87.041	ng	# 1
55) Dibenzofuran	10.134	168	2421909	41.441	ng	99
56) 4-Nitrophenol	10.028	139	748067	107.056	ng	98
57) 2,4-Dinitrotoluene	10.110	165	571836	51.453	ng	99
58) Fluorene	10.475	166	1853777	42.347	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	502599	44.279	ng	99
60) Diethylphthalate	10.351	149	2030110	42.803	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	931018	42.448	ng	99
62) 4-Nitroaniline	10.492	138	436441	54.017	ng	97
63) Azobenzene	10.628	77	2105967	42.171	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	240235	44.632	ng	98
66) n-Nitrosodiphenylamine	10.586	169	1673137	43.892	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	590419	43.543	ng	98
68) Hexachlorobenzene	11.022	284	637521	44.524	ng	99
69) Atrazine	11.110	200	641101	61.158	ng	99
70) Pentachlorophenol	11.210	266	780256	85.919	ng	99
71) Phenanthrene	11.439	178	2690544	43.329	ng	100
72) Anthracene	11.486	178	2752829	44.234	ng	100
73) Carbazole	11.639	167	2368839	43.103	ng	100
74) Di-n-butylphthalate	11.975	149	2949742	42.343	ng	100
75) Fluoranthene	12.622	202	2678058	42.090	ng	99
77) Benzidine	12.739	184	837822	98.258	ng	99
78) Pyrene	12.851	202	2695686	45.952	ng	100
80) Butylbenzylphthalate	13.469	149	1019496	47.833	ng	99
81) Benzo(a)anthracene	14.033	228	1999825	44.692	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	380589	29.645	ng	99
83) Chrysene	14.074	228	1759614	42.659	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	1341149	50.535	ng	99
85) Di-n-octyl phthalate	14.639	149	1945518	48.966	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	1783584	47.006	ng	100
88) Benzo(b)fluoranthene	15.086	252	1808141	44.547	ng	100
89) Benzo(k)fluoranthene	15.116	252	1395324	40.445	ng	100
90) Benzo(a)pyrene	15.457	252	1512456	46.462	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	1434269	46.309	ng	100
92) Benzo(g,h,i)perylene	17.462	276	1385400	43.663	ng	99

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

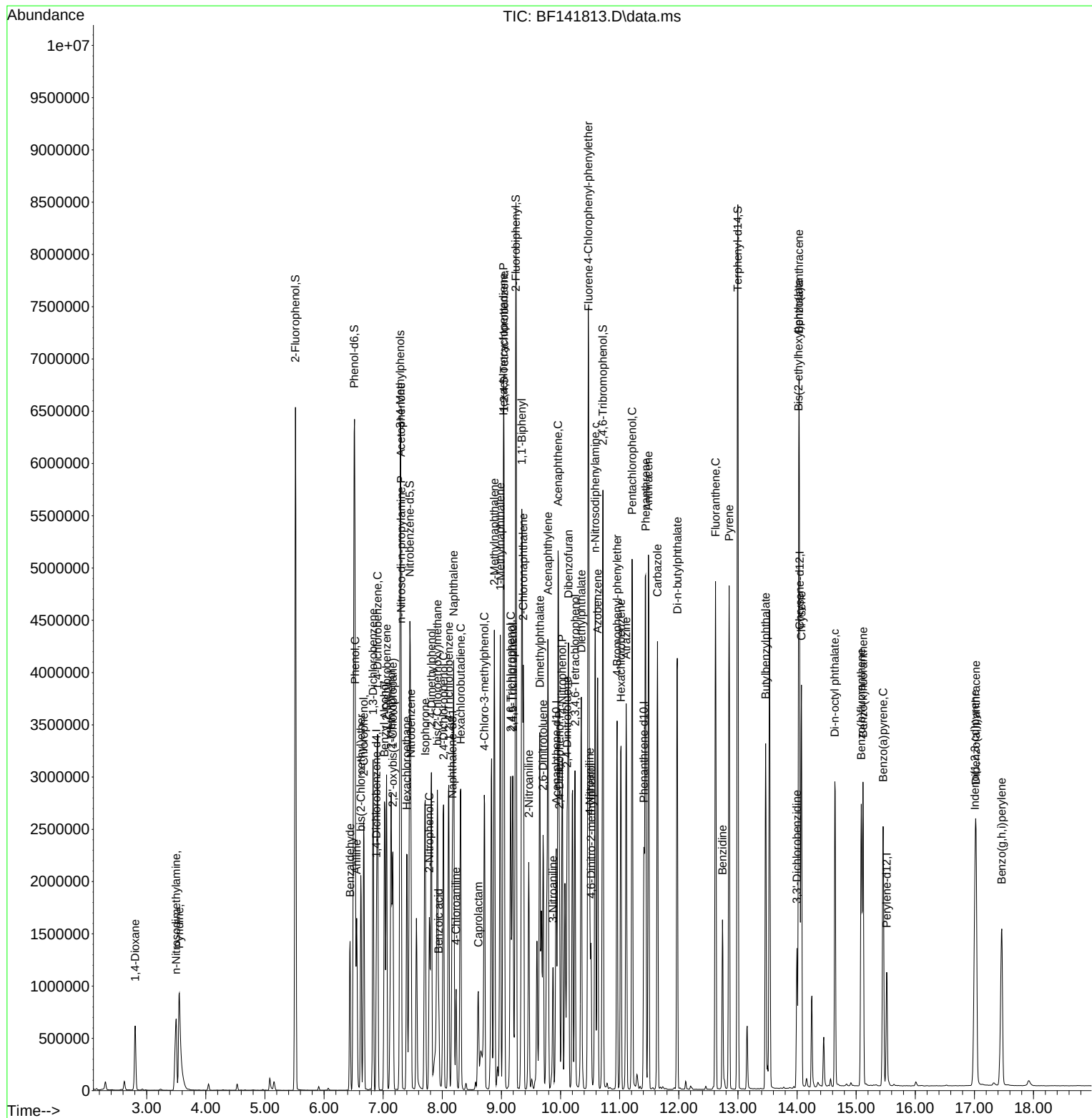
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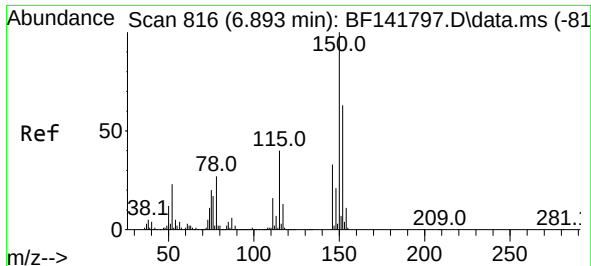
Instrument :
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 ClientSampleId :
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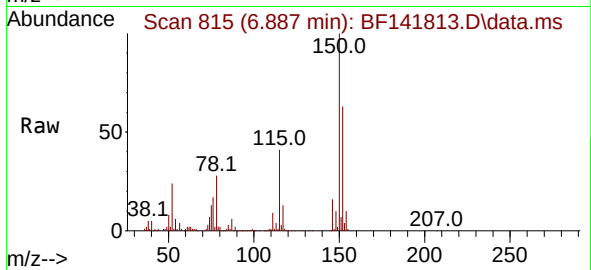
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15

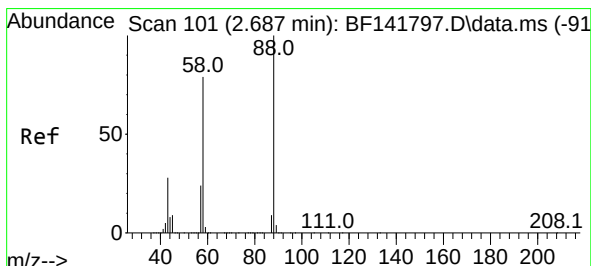
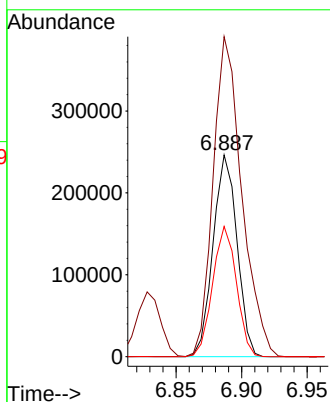
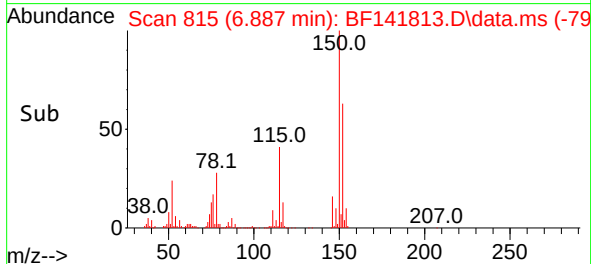
Instrument :
 BNA_F
 ClientSampleId :
 PB166948BS



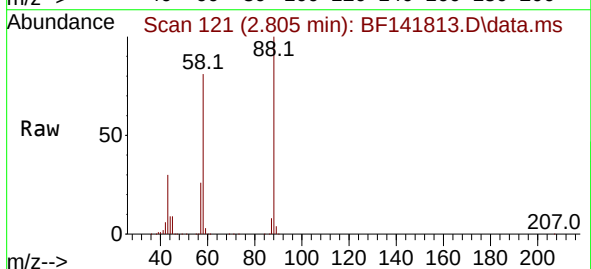
Tgt Ion:152 Resp: 31231
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.5 191.3
 115 64.5 51.4 77.2

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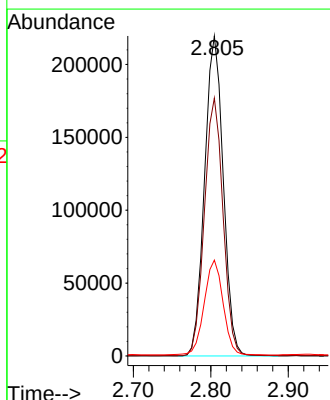
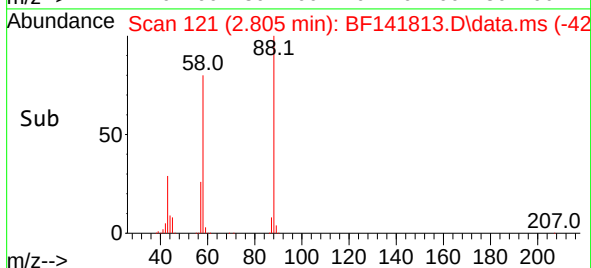
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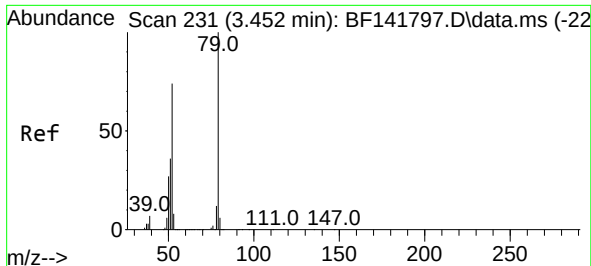


#2
 1,4-Dioxane
 Concen: 41.389 ng
 RT: 2.805 min Scan# 121
 Delta R.T. 0.118 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15



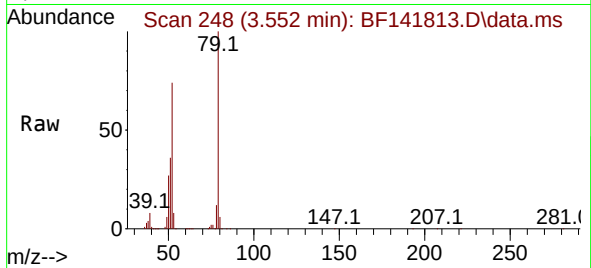
Tgt Ion: 88 Resp: 367274
 Ion Ratio Lower Upper
 88 100
 58 80.1 63.9 95.9
 43 30.1 23.0 34.6





#3
Pyridine
Concen: 40.865 ng
RT: 3.552 min Scan# 241
Delta R.T. 0.100 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

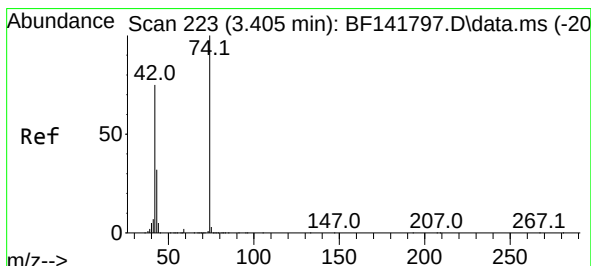
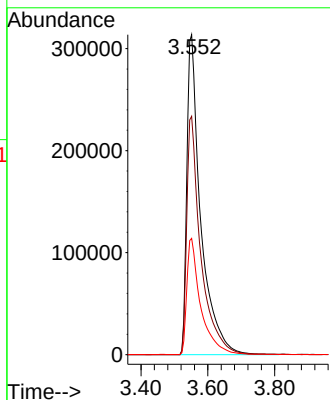
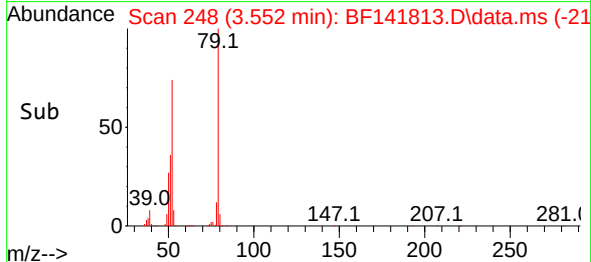
Instrument :
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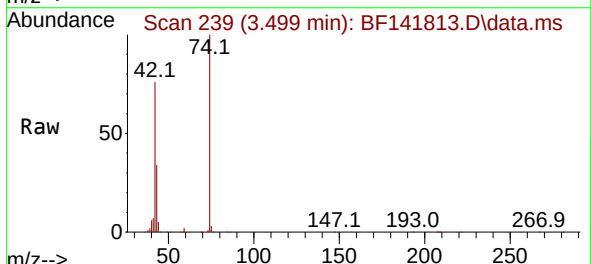
Tgt Ion: 79 Resp: 902244
Ion Ratio Lower Upper
79 100
52 74.5 59.0 88.4
51 36.3 29.0 43.4

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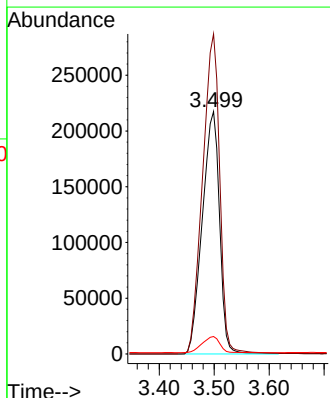
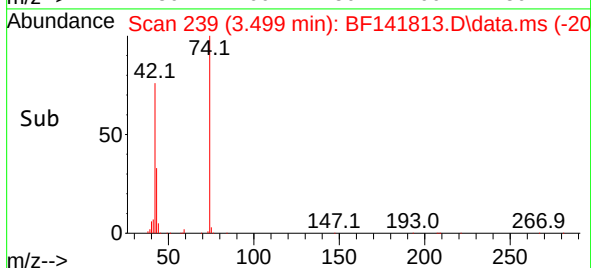
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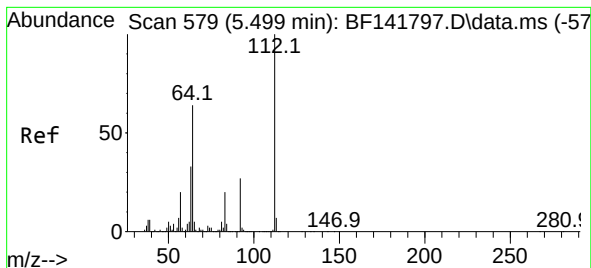


#4
n-Nitrosodimethylamine
Concen: 44.505 ng
RT: 3.499 min Scan# 239
Delta R.T. 0.094 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



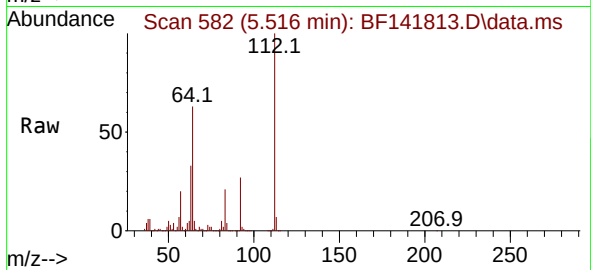
Tgt Ion: 42 Resp: 472799
Ion Ratio Lower Upper
42 100
74 132.0 107.1 160.7
44 7.2 6.6 9.8





#5
2-Fluorophenol
Concen: 133.119 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

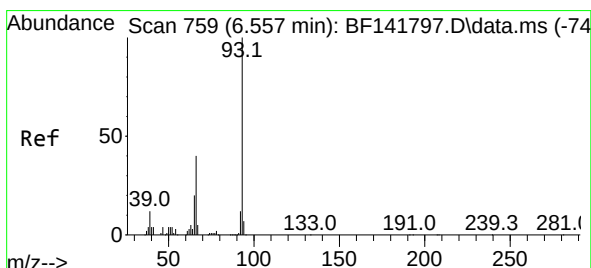
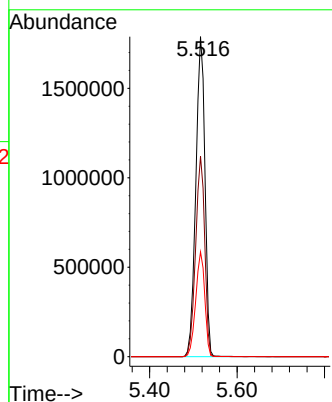
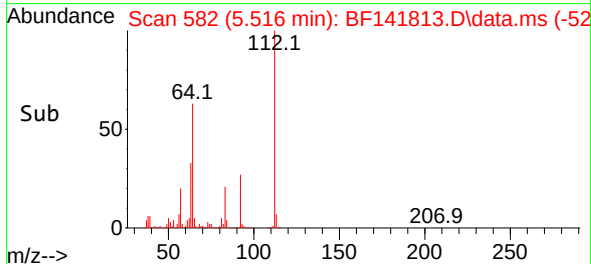
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Tgt Ion: 112 Resp: 2603354
Ion Ratio Lower Upper
112 100
64 62.7 51.3 76.9
63 32.7 26.2 39.4

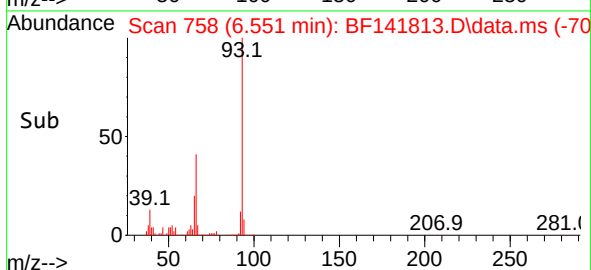
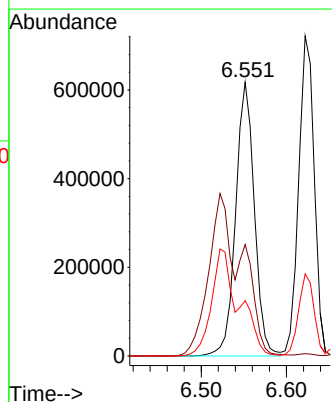
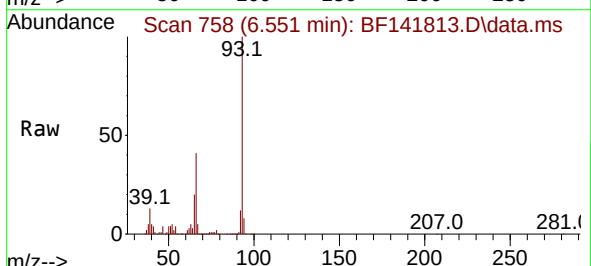
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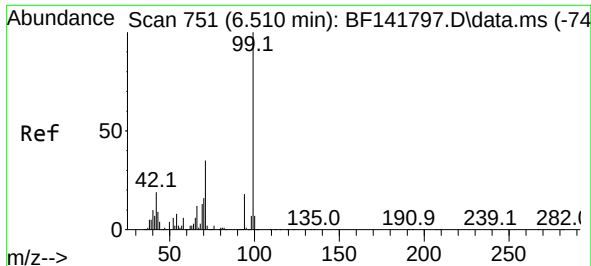
Reviewed By :Anahy Claudio 03/04/2025
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#6
Aniline
Concen: 35.641 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

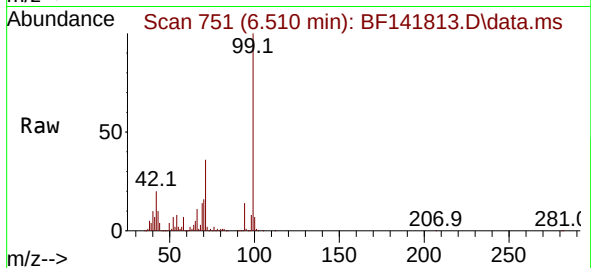
Tgt Ion: 93 Resp: 943187
Ion Ratio Lower Upper
93 100
66 40.7 32.3 48.5
65 20.2 15.9 23.9





#7
Phenol-d6
Concen: 130.823 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

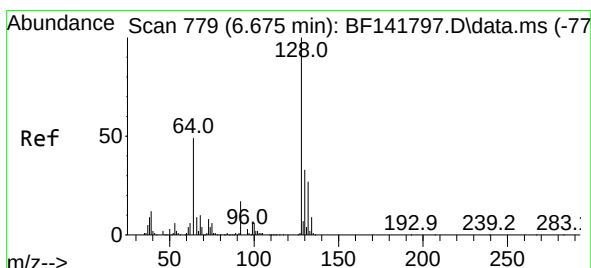
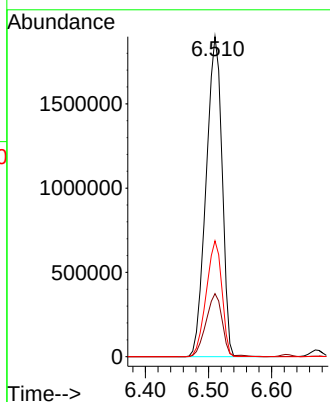
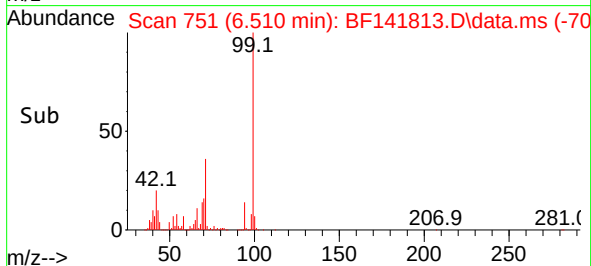
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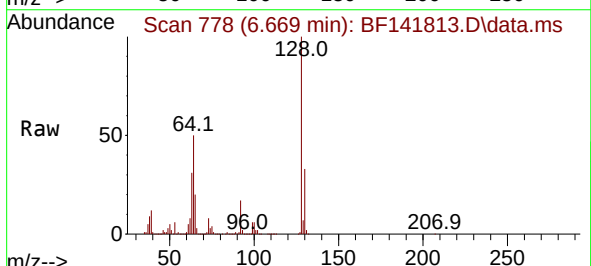
Tgt Ion: 99 Resp: 3330064
Ion Ratio Lower Upper
99 100
42 19.7 15.2 22.8
71 36.2 28.2 42.2

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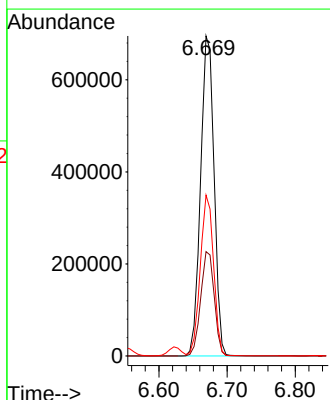
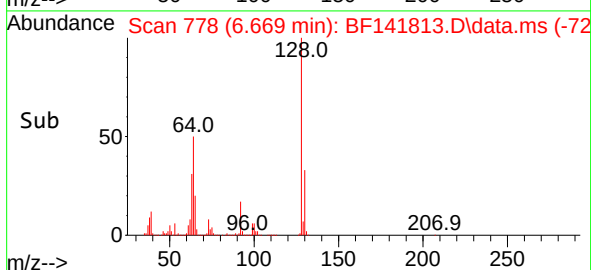
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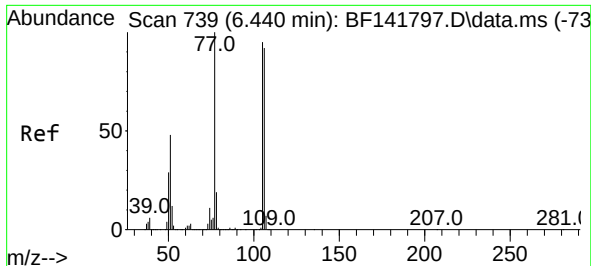


#8
2-Chlorophenol
Concen: 45.446 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



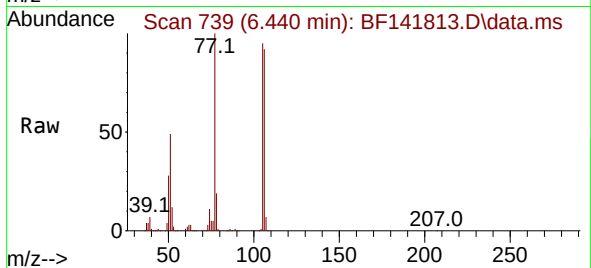
Tgt Ion:128 Resp: 961449
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 50.2 31.1 71.1





#9
Benzaldehyde
Concen: 26.380 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

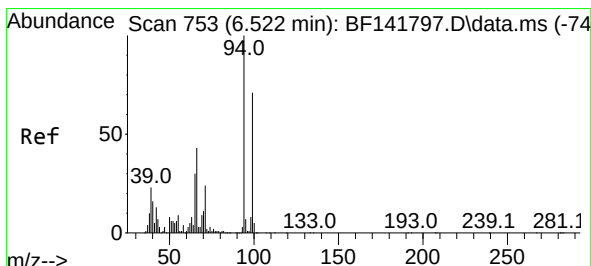
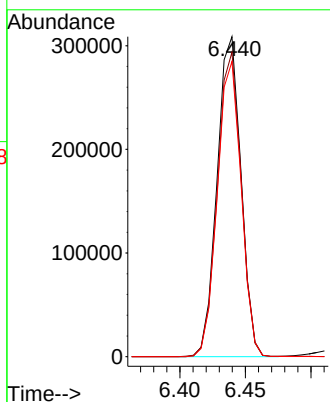
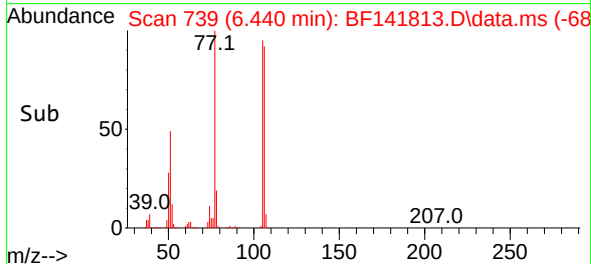
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Tgt Ion: 77 Resp: 390599
Ion Ratio Lower Upper
77 100
105 95.1 75.3 115.3
106 92.3 72.3 112.3

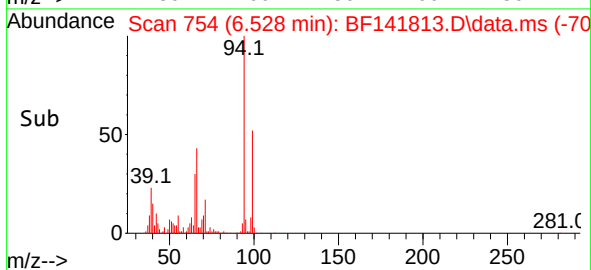
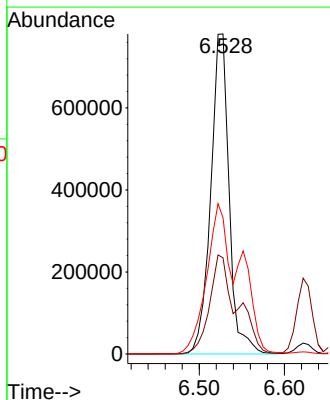
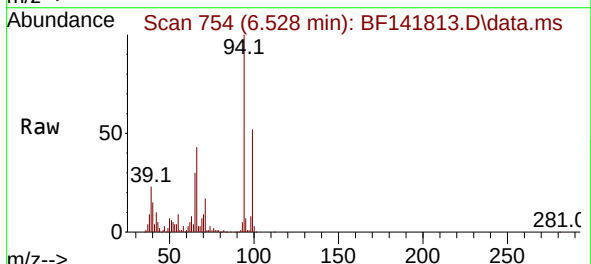
Manual Integrations
APPROVED

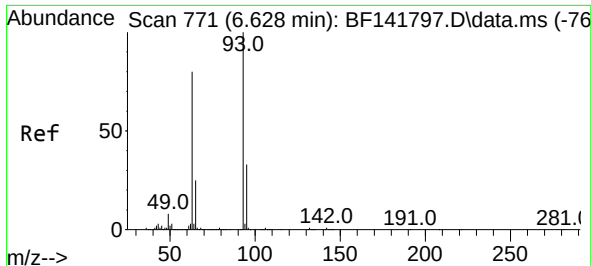
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#10
Phenol
Concen: 43.069 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion: 94 Resp: 1171512
Ion Ratio Lower Upper
94 100
65 30.0 10.2 50.2
66 42.6 23.2 63.2





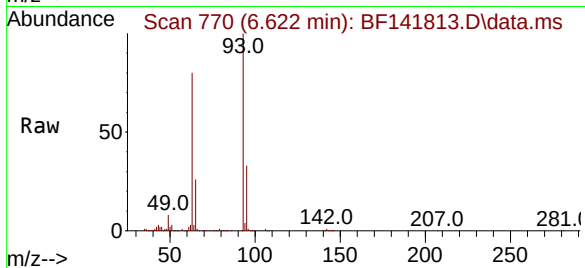
#11
bis(2-Chloroethyl)ether
Concen: 44.111 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

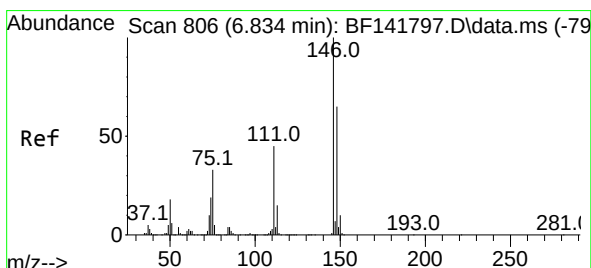
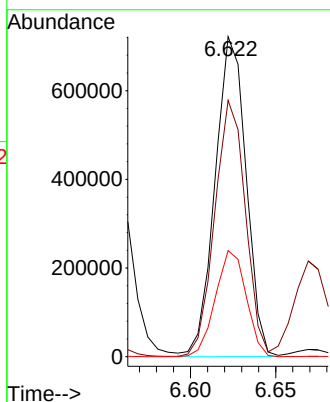
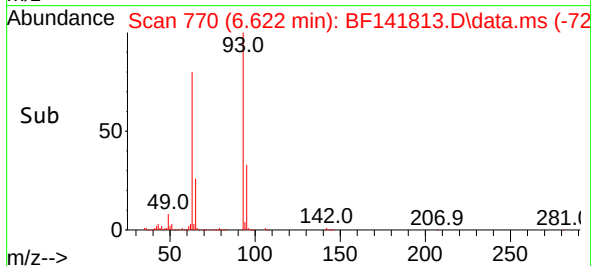


Tgt Ion: 93 Resp: 914590
Ion Ratio Lower Upper
93 100
63 80.1 59.3 99.3
95 33.2 13.2 53.2

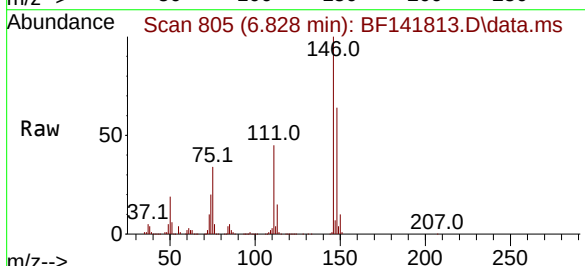
Manual Integrations

APPROVED

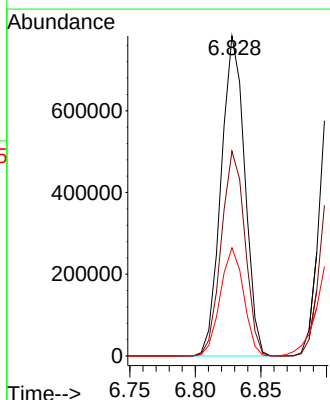
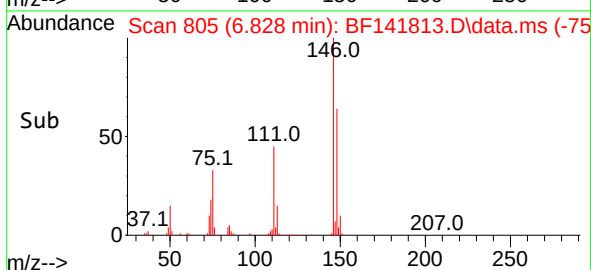
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

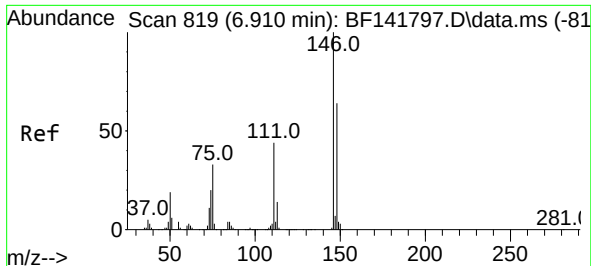


#12
1,3-Dichlorobenzene
Concen: 43.324 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



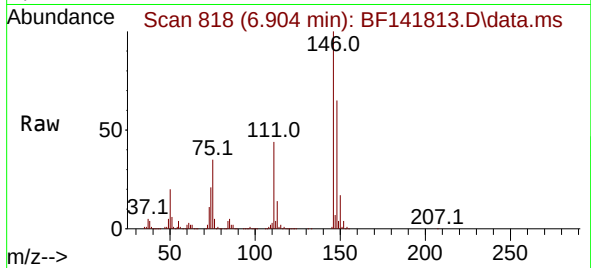
Tgt Ion:146 Resp: 981553
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 33.8 26.2 39.4





#13
1,4-Dichlorobenzene
Concen: 43.551 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

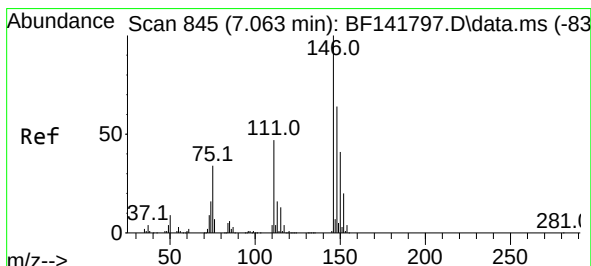
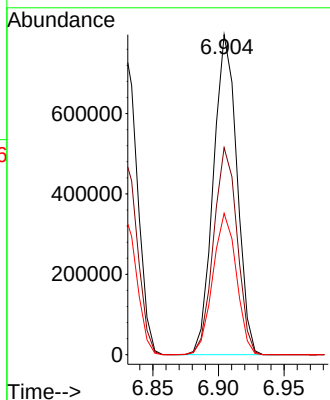
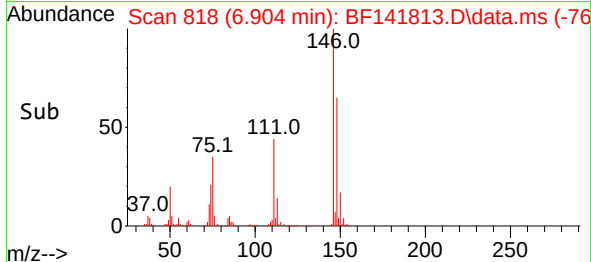
Instrument :
BNA_F
ClientSampleId :
PB166948BS



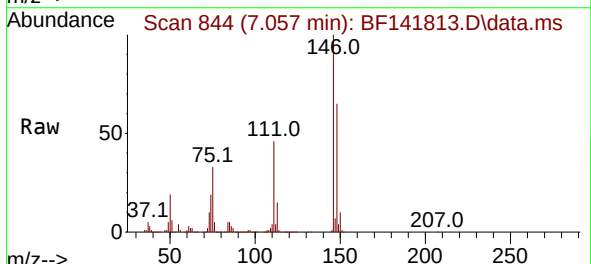
Tgt Ion:146 Resp: 994174
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 44.2 35.5 53.3

Manual Integrations
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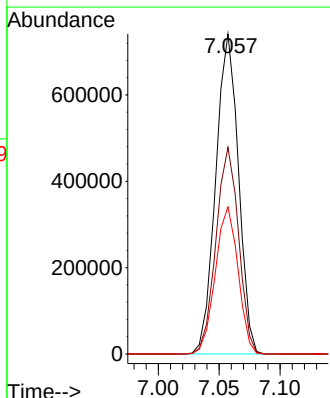
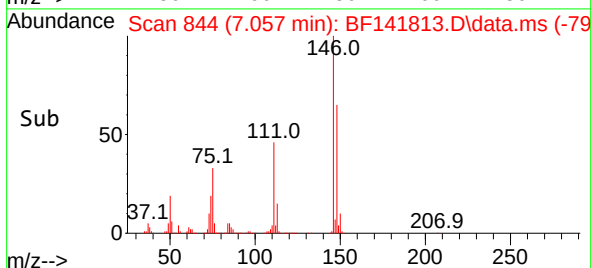
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

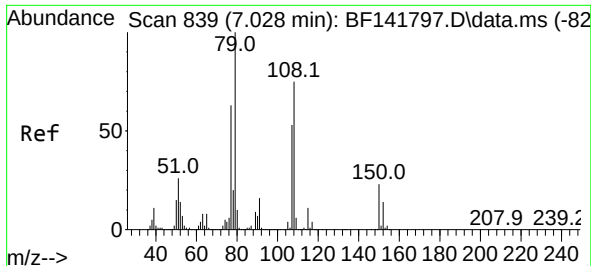


#14
1,2-Dichlorobenzene
Concen: 45.112 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



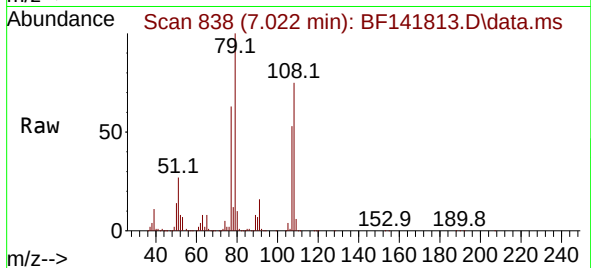
Tgt Ion:146 Resp: 961646
Ion Ratio Lower Upper
146 100
148 64.6 51.2 76.8
111 46.0 37.8 56.6





#15
Benzyl Alcohol
Concen: 42.956 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

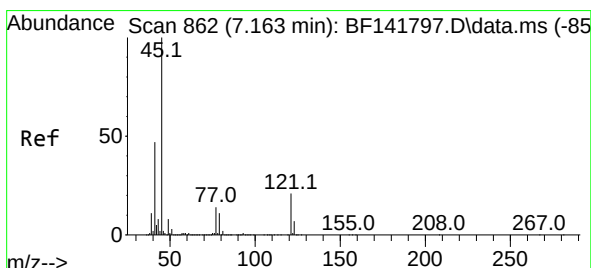
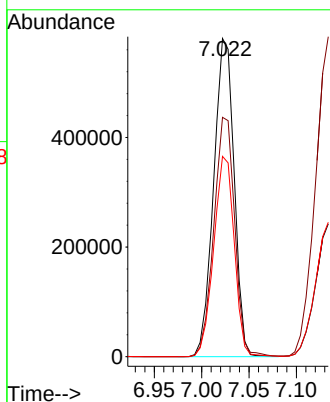
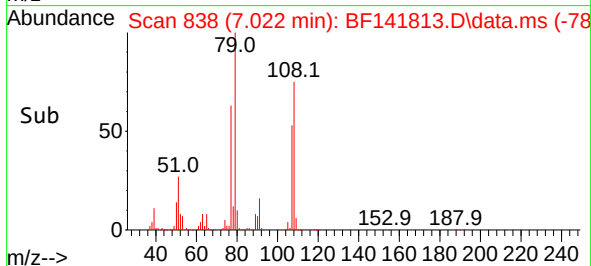
Instrument :
BNA_F
ClientSampleId :
PB166948BS



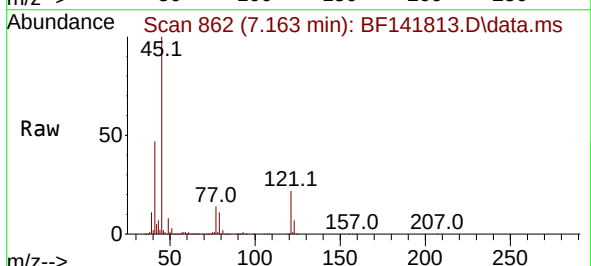
Tgt Ion: 79 Resp: 87387
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.2
77 63.0 50.2 75.2

Manual Integrations
APPROVED

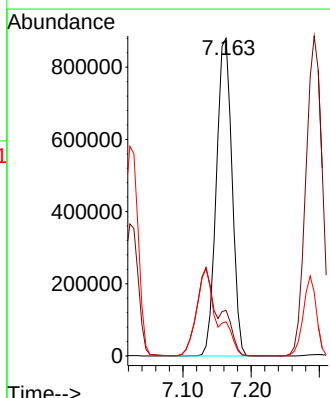
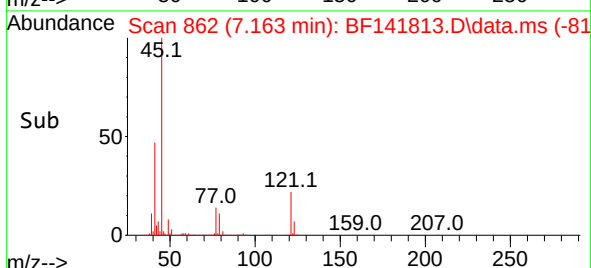
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

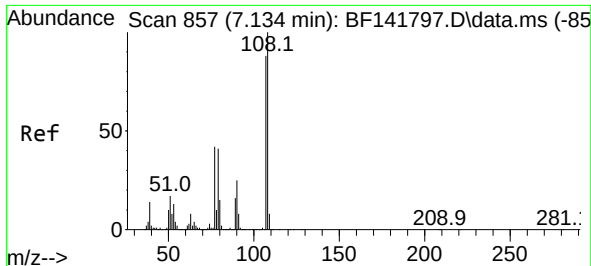


#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.534 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion: 45 Resp: 1402276
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.4
79 10.8 0.0 30.9





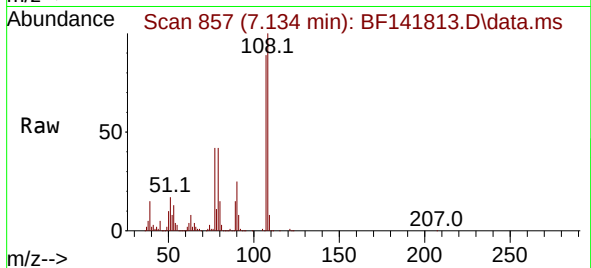
#17
2-Methylphenol
Concen: 45.895 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

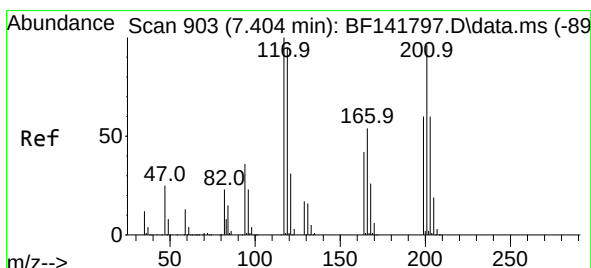
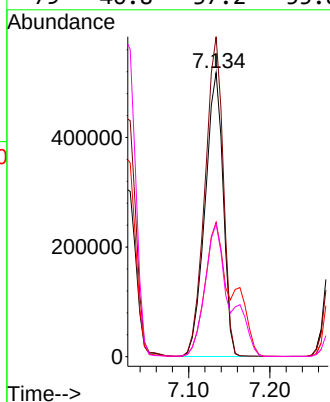
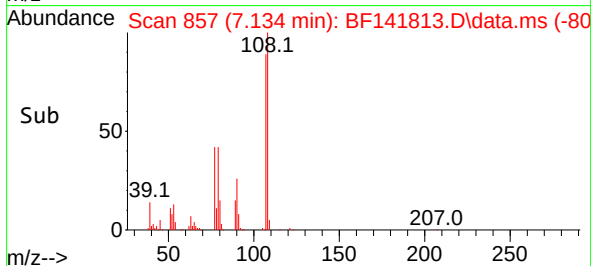


Tgt Ion:107 Resp: 80144
Ion Ratio Lower Upper
107 100
108 112.7 90.6 135.8
77 47.3 37.7 56.5
79 46.8 37.2 55.8

Manual Integrations

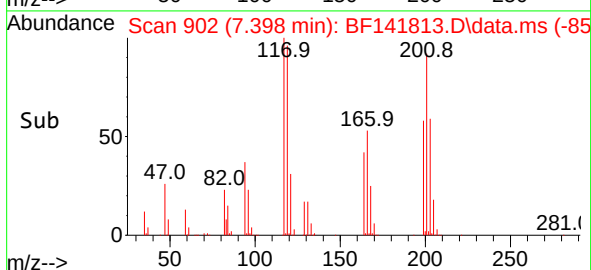
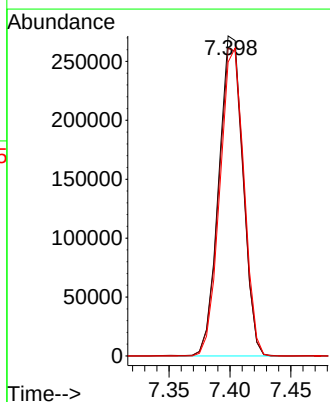
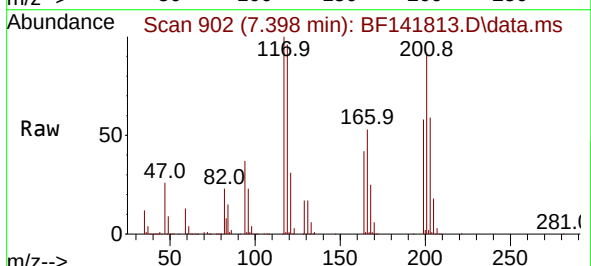
APPROVED

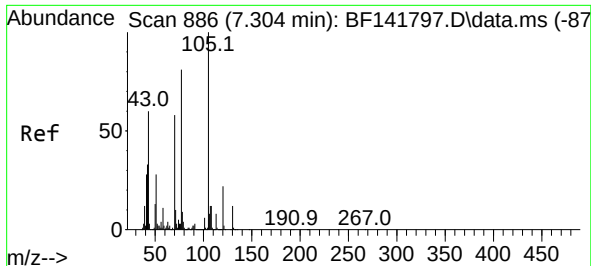
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#18
Hexachloroethane
Concen: 44.154 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:117 Resp: 377262
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
201 91.8 76.7 115.1





#19
n-Nitroso-di-n-propylamine
Concen: 42.476 ng
RT: 7.304 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

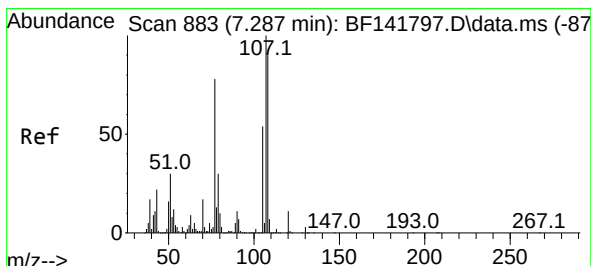
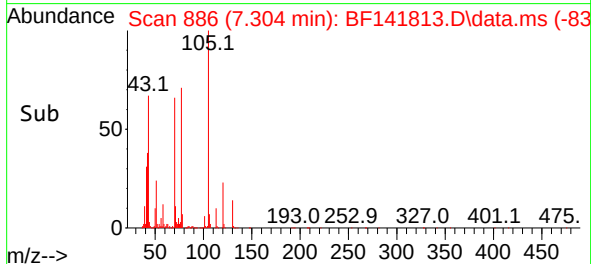
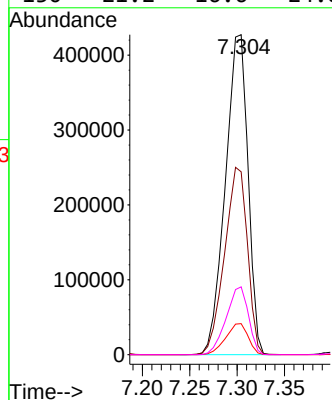
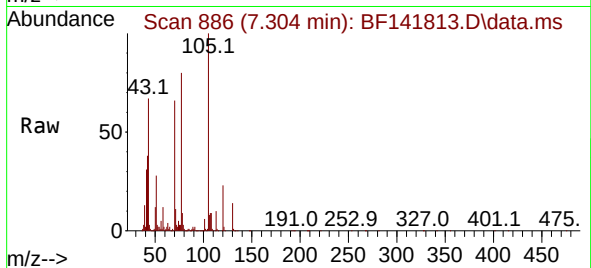
PB166948BS

Tgt Ion: 70 Resp: 710749
Ion Ratio Lower Upper
70 100
42 57.2 45.4 68.0
101 9.7 7.8 11.8
130 21.2 16.6 24.8

Manual Integrations

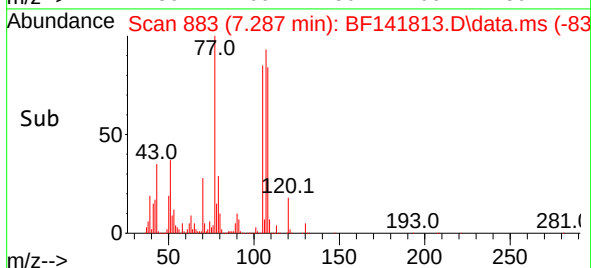
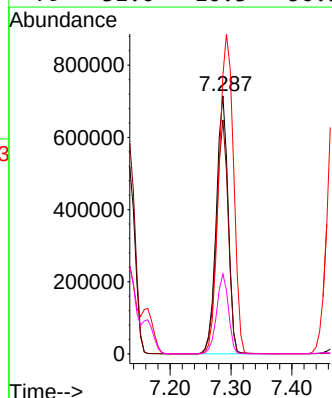
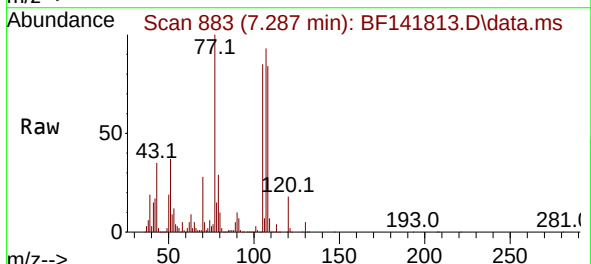
APPROVED

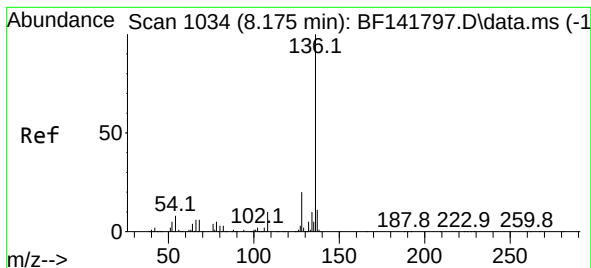
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#20
3+4-Methylphenols
Concen: 44.392 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:107 Resp: 965283
Ion Ratio Lower Upper
107 100
108 90.7 69.7 109.7
77 108.0 58.3 98.3#
79 31.0 10.3 50.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

Tgt Ion:136 Resp: 127855

Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.0 6.9 10.3

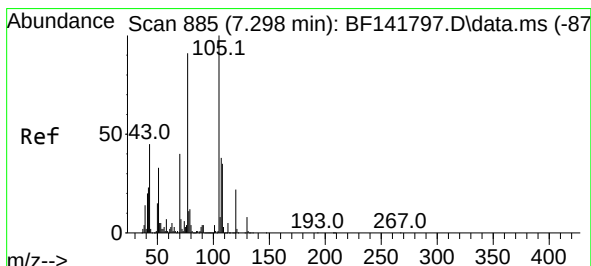
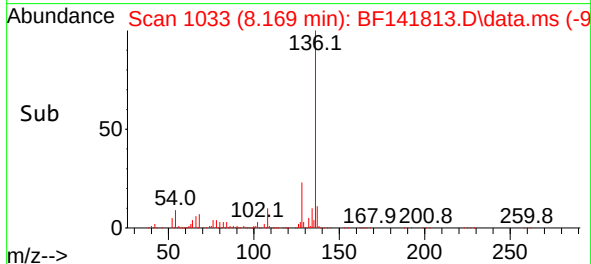
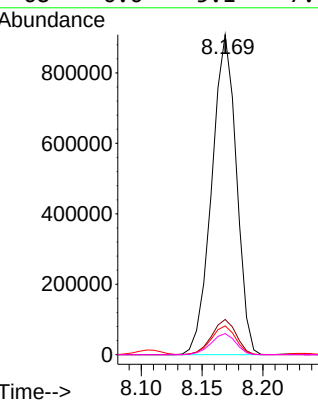
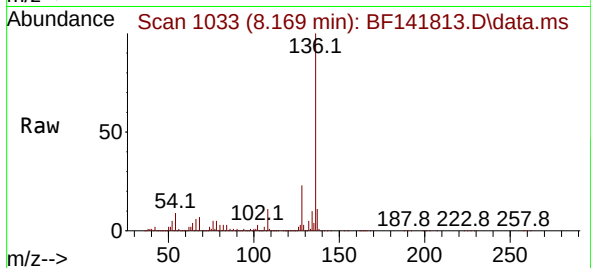
68 6.6 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/04/2025

Supervised By :Jagrut Upadhyay 03/04/2025



#22

Acetophenone

Concen: 46.471 ng

RT: 7.298 min Scan# 885

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Tgt Ion:105 Resp: 1447074

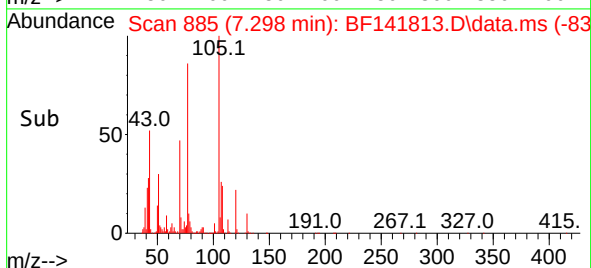
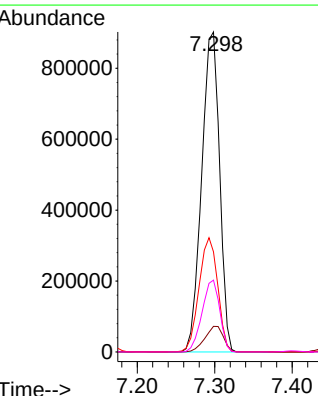
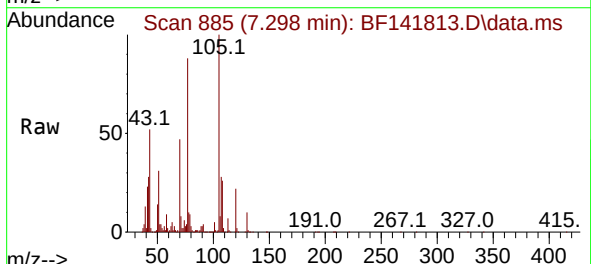
Ion Ratio Lower Upper

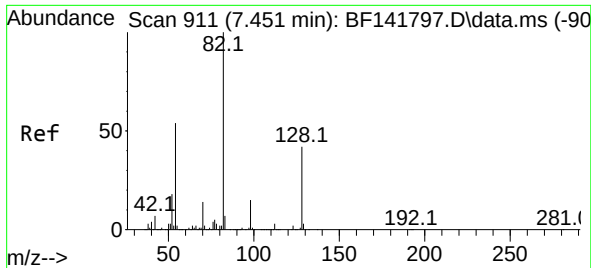
105 100

71 8.0 5.4 8.0

51 31.3 26.1 39.1

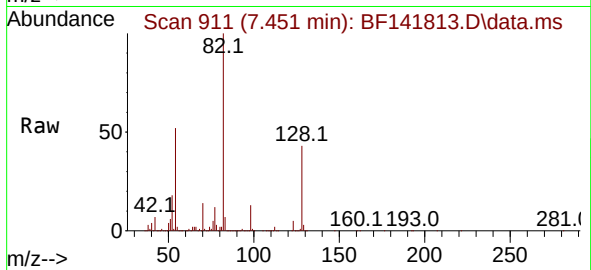
120 22.4 17.5 26.3





#23
Nitrobenzene-d5
Concen: 107.554 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

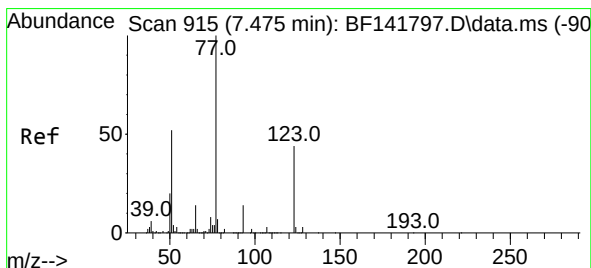
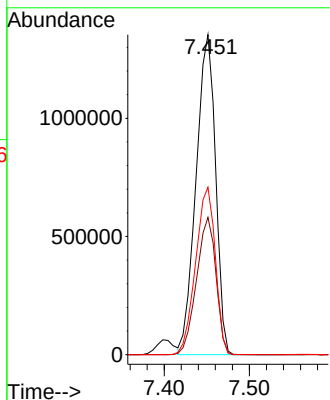
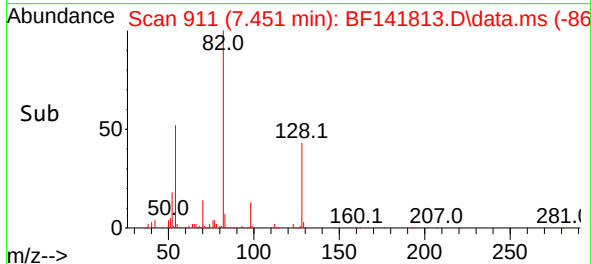
Instrument :
BNA_F
ClientSampleId :
PB166948BS



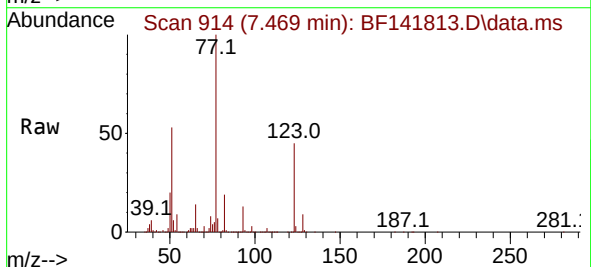
Tgt Ion: 82 Resp: 215134
Ion Ratio Lower Upper
82 100
128 42.9 33.5 50.3
54 52.3 42.7 64.1

Manual Integrations
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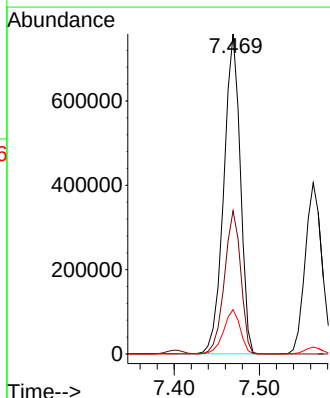
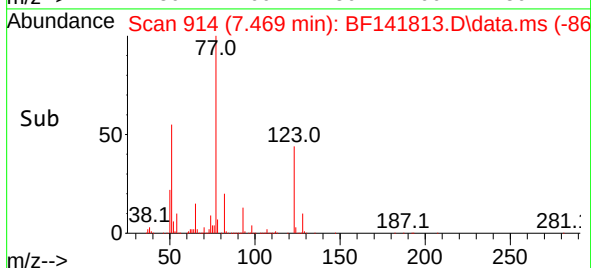
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

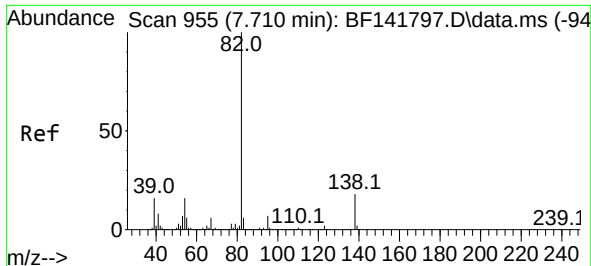


#24
Nitrobenzene
Concen: 47.555 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion: 77 Resp: 1018619
Ion Ratio Lower Upper
77 100
123 44.7 35.8 53.8
65 13.8 11.2 16.8





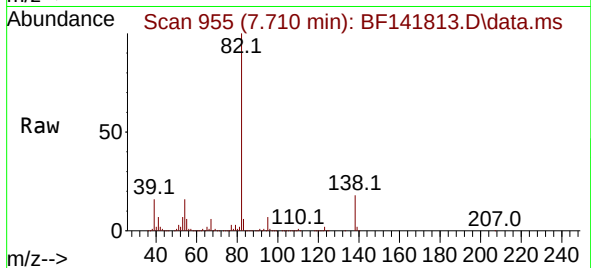
#25
Isophorone
Concen: 45.913 ng
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

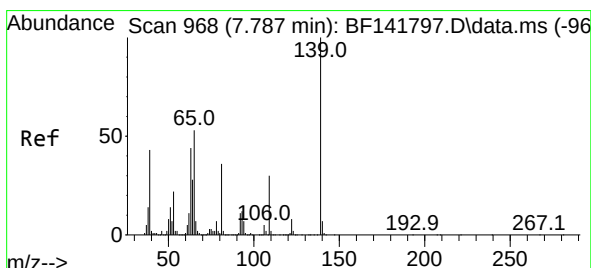
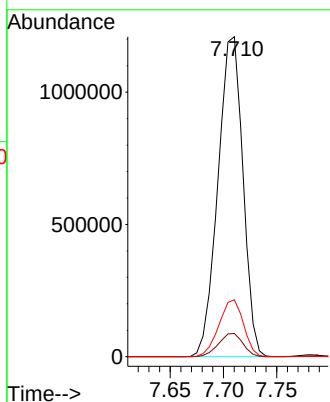
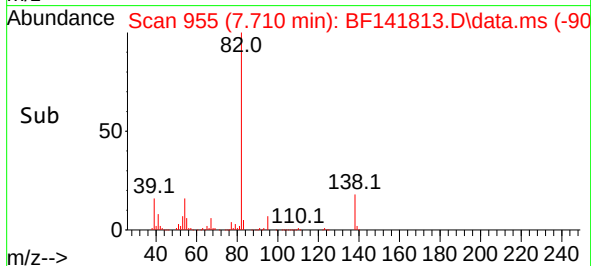


Tgt Ion: 82 Resp: 197297
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.8 14.0 21.0

Manual Integrations

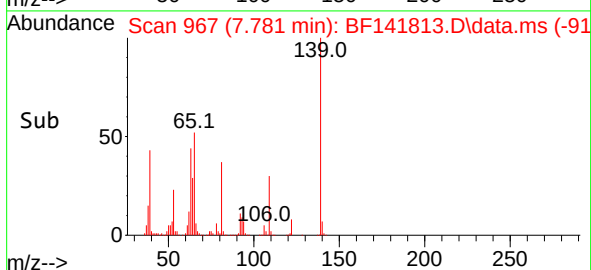
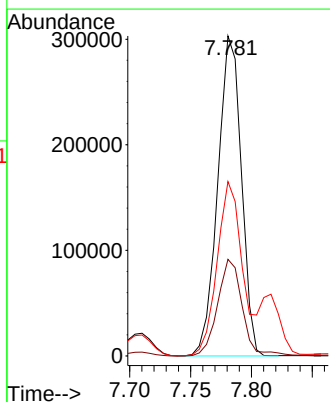
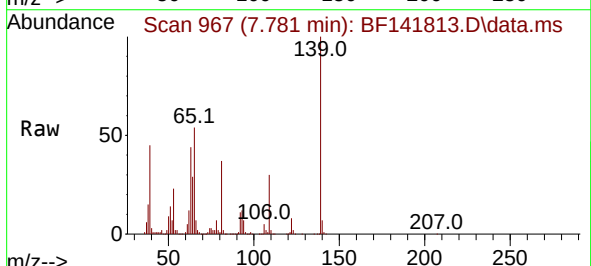
APPROVED

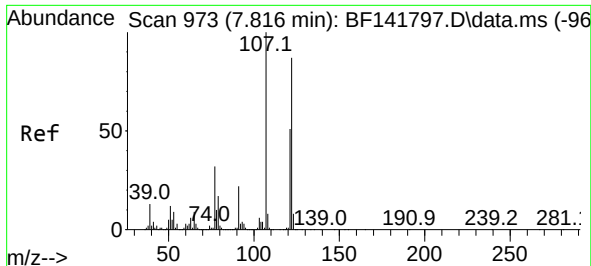
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#26
2-Nitrophenol
Concen: 43.305 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

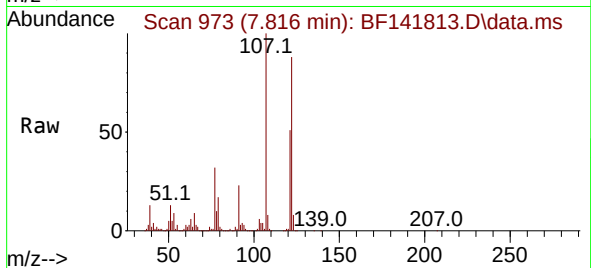
Tgt Ion:139 Resp: 409659
Ion Ratio Lower Upper
139 100
109 30.2 24.1 36.1
65 54.5 42.3 63.5





#27
2,4-Dimethylphenol
Concen: 54.627 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

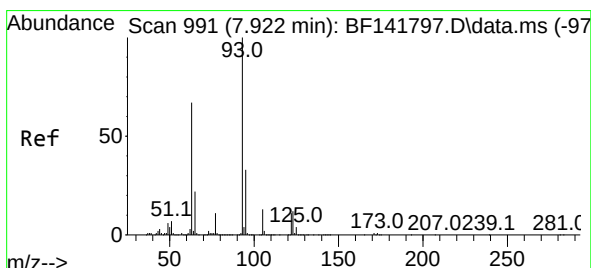
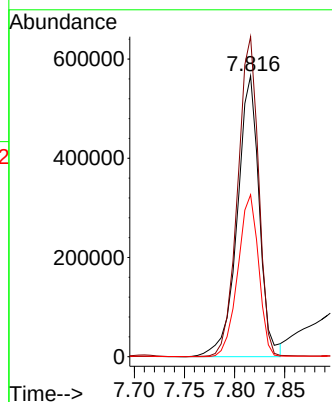
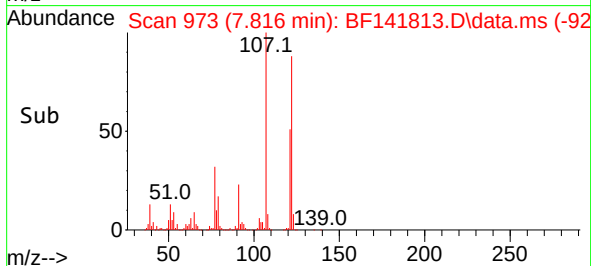
Instrument :
BNA_F
ClientSampleId :
PB166948BS



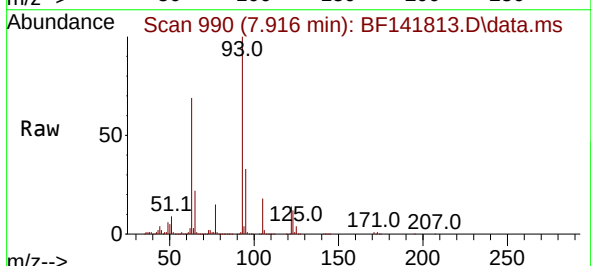
Tgt Ion:122 Resp: 86290
Ion Ratio Lower Upper
122 100
107 114.0 92.5 138.7
121 57.7 47.1 70.7

Manual Integrations
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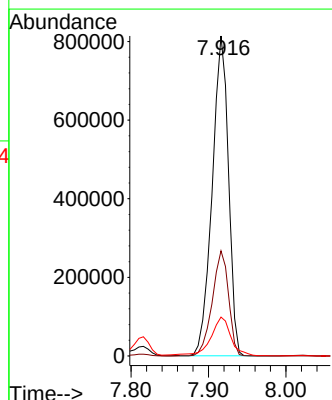
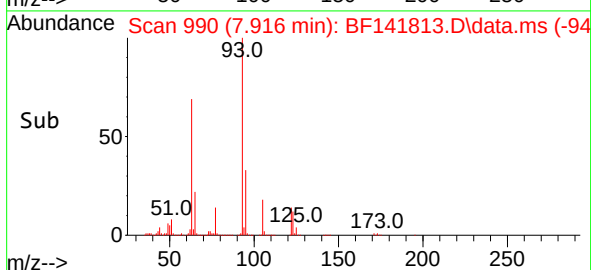
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

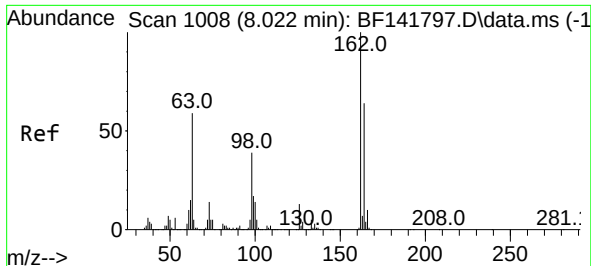


#28
bis(2-Chloroethoxy)methane
Concen: 43.310 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion: 93 Resp: 1187210
Ion Ratio Lower Upper
93 100
95 32.8 26.5 39.7
123 12.1 10.0 15.0





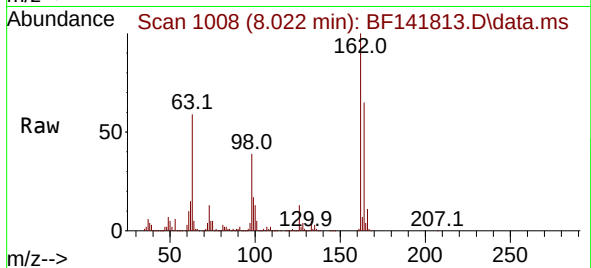
#29
2,4-Dichlorophenol
Concen: 44.245 ng
RT: 8.022 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

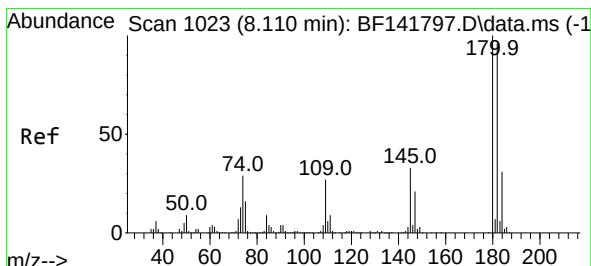
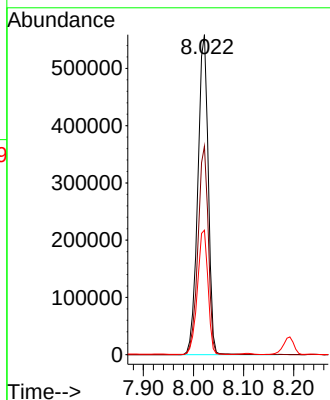
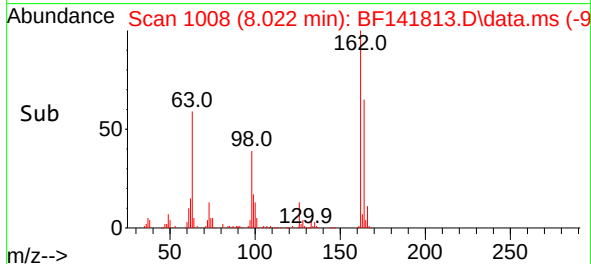


Tgt Ion:162 Resp: 806281
Ion Ratio Lower Upper
162 100
164 65.2 44.3 84.3
98 38.9 19.6 59.6

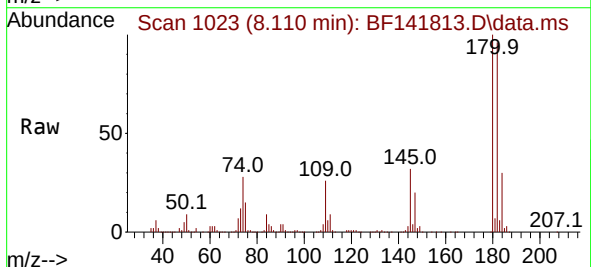
Manual Integrations

APPROVED

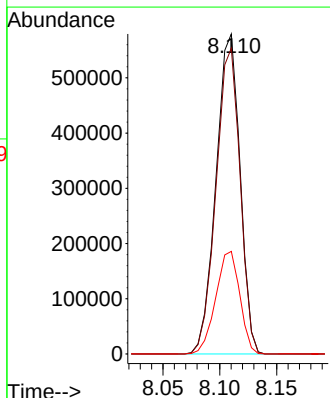
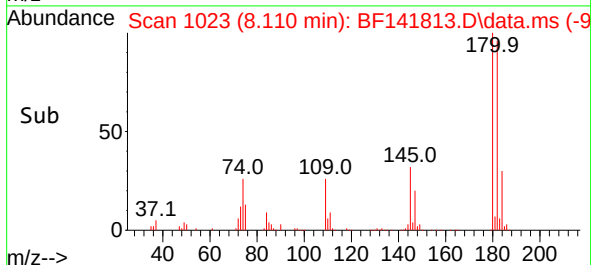
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

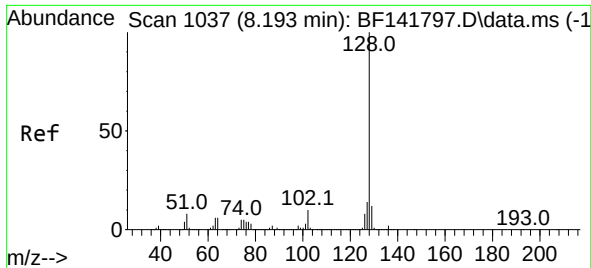


#30
1,2,4-Trichlorobenzene
Concen: 42.707 ng
RT: 8.110 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion:180 Resp: 852801
Ion Ratio Lower Upper
180 100
182 95.5 76.8 115.2
145 32.1 26.4 39.6





#31
Naphthalene
Concen: 42.261 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

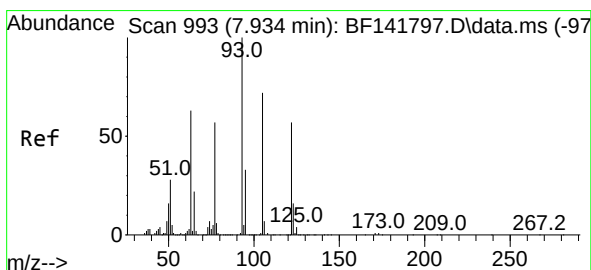
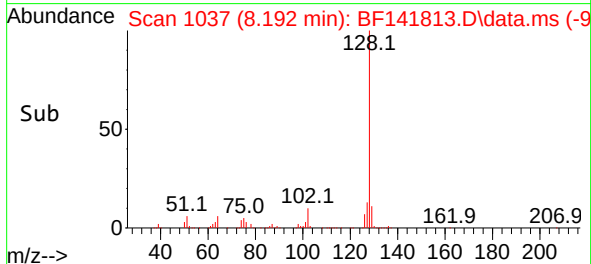
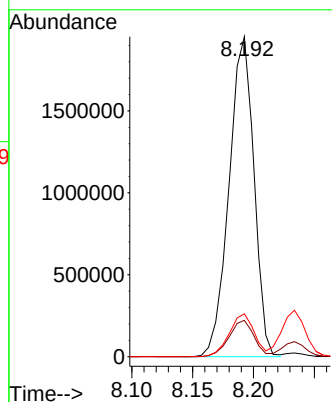
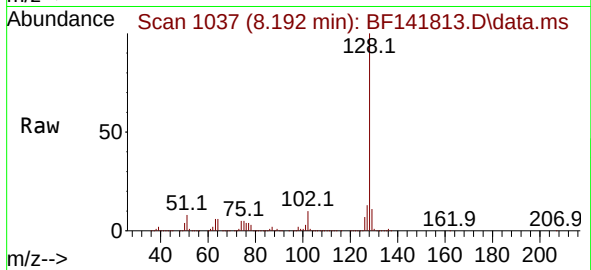
PB166948BS

Tgt Ion:128 Resp: 2777062
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.4 11.0 16.4

Manual Integrations

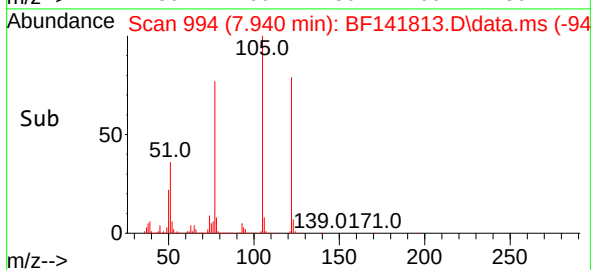
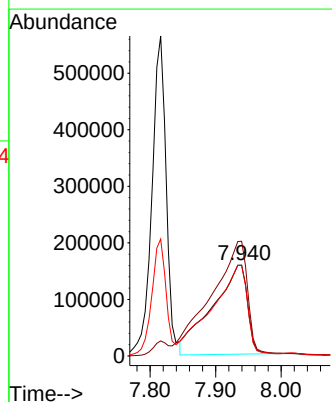
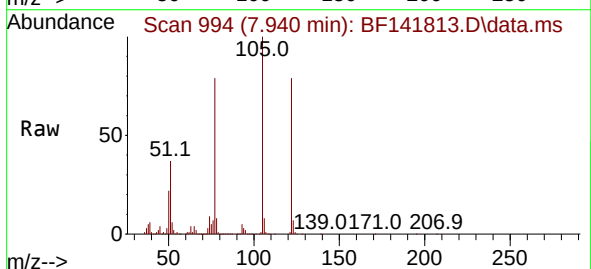
APPROVED

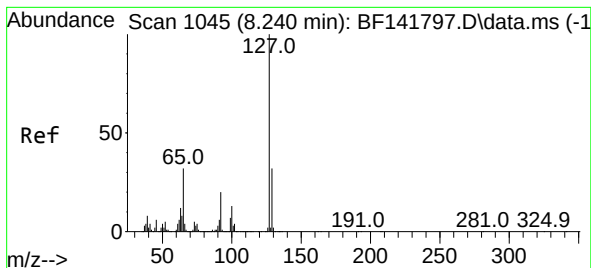
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#32
Benzoic acid
Concen: 45.216 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:122 Resp: 589138
Ion Ratio Lower Upper
122 100
105 126.2 105.8 145.8
77 99.4 79.9 119.9





#33

4-Chloroaniline

Concen: 16.035 ng

RT: 8.234 min Scan# 1044

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

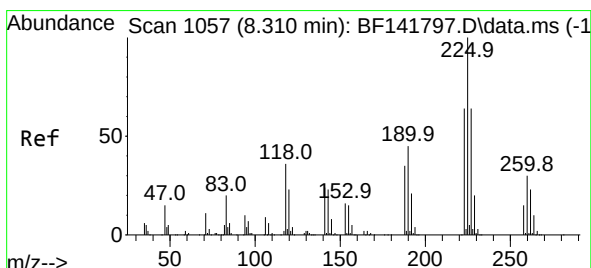
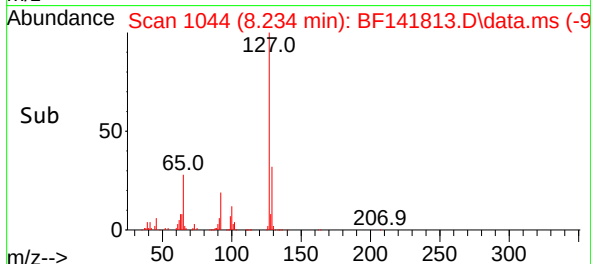
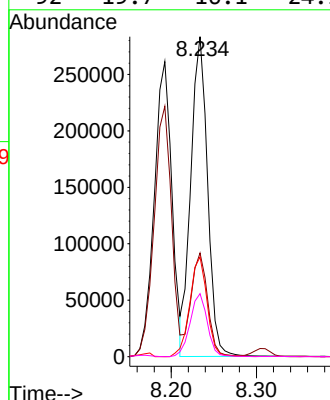
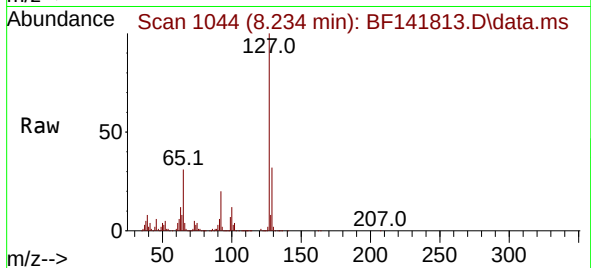
Tgt Ion:127 Resp: 386354

Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.1	39.1
65	31.2	25.7	38.5
92	19.7	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#34

Hexachlorobutadiene

Concen: 43.315 ng

RT: 8.310 min Scan# 1057

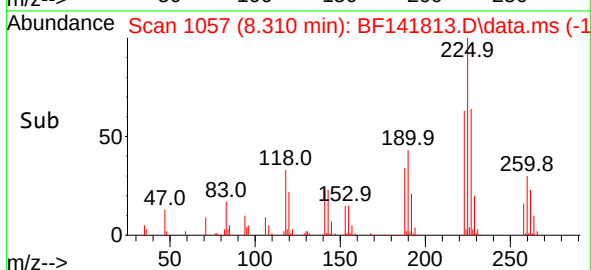
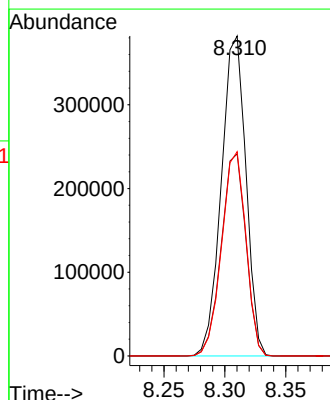
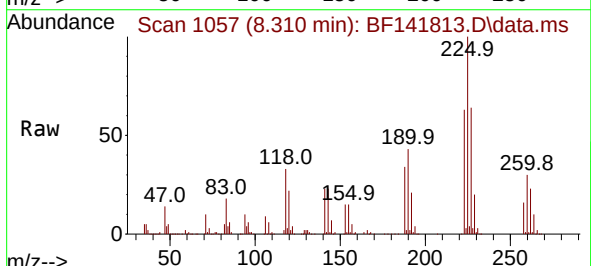
Delta R.T. -0.000 min

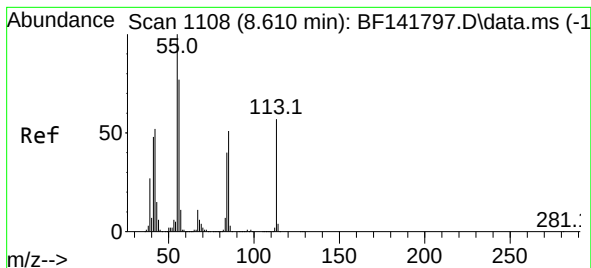
Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Tgt Ion:225 Resp: 537489

Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.4	77.2
227	63.9	51.6	77.4





#35

Caprolactam

Concen: 55.303 ng m

RT: 8.610 min Scan# 1108

Delta R.T. -0.000 min

Lab File: BF141813.D

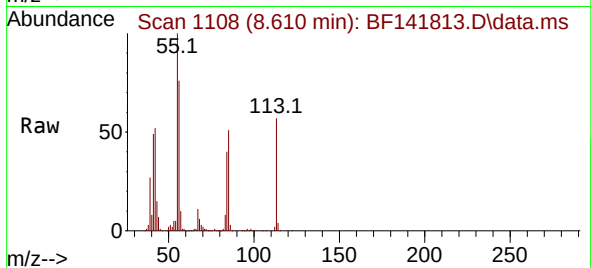
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS



Tgt Ion:113 Resp: 310030

Ion Ratio Lower Upper

113 100

55 174.3 155.6 195.6

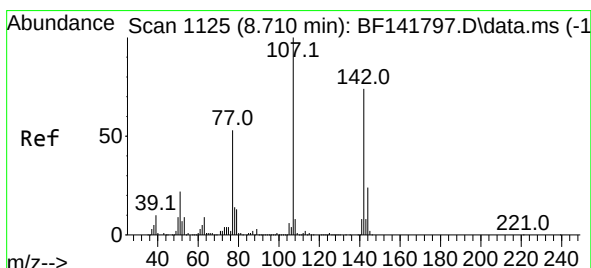
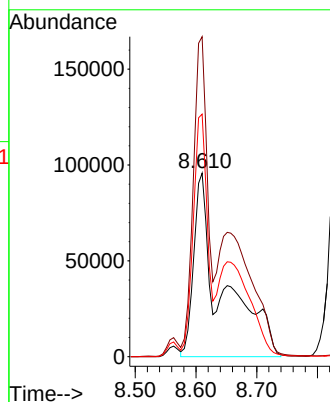
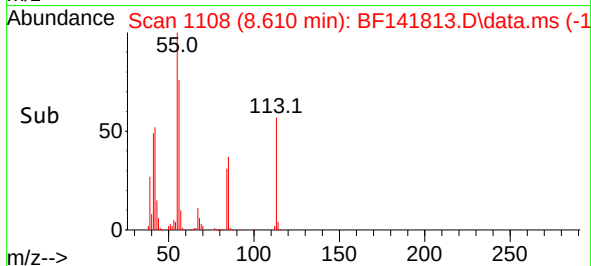
56 132.1 114.6 154.6

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/04/2025

Supervised By :Jagrut Upadhyay 03/04/2025



#36

4-Chloro-3-methylphenol

Concen: 43.544 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

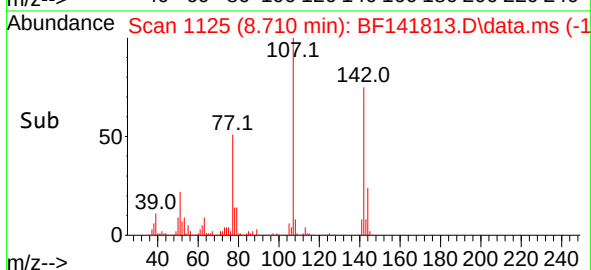
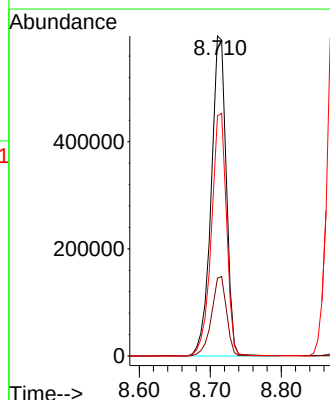
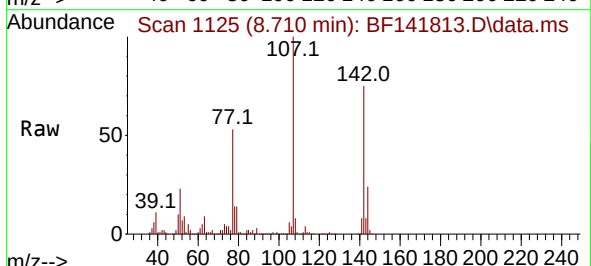
Tgt Ion:107 Resp: 881480

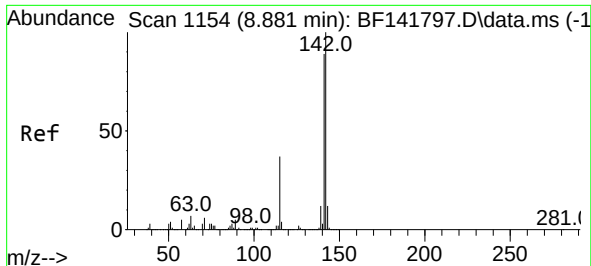
Ion Ratio Lower Upper

107 100

144 24.4 19.4 29.0

142 75.1 59.4 89.0





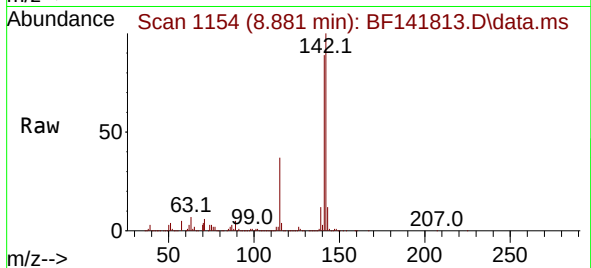
#37
2-Methylnaphthalene
Concen: 41.318 ng
RT: 8.881 min Scan# 1154
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

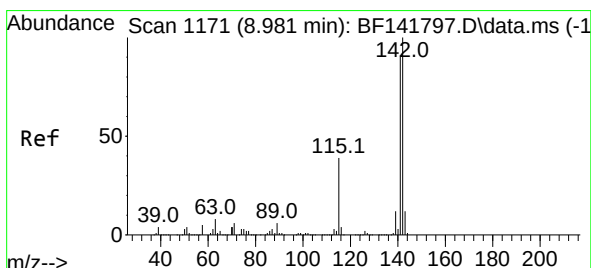
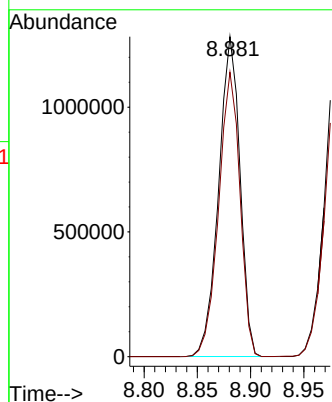
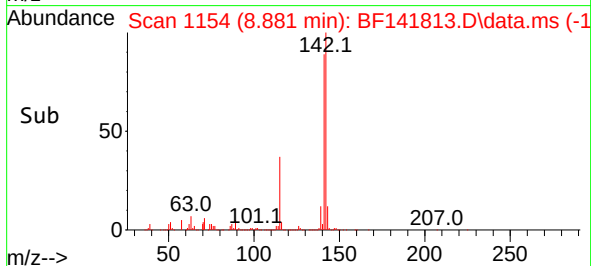


Tgt Ion:142 Resp: 1780885
Ion Ratio Lower Upper
142 100
141 88.9 71.1 106.7

Manual Integrations

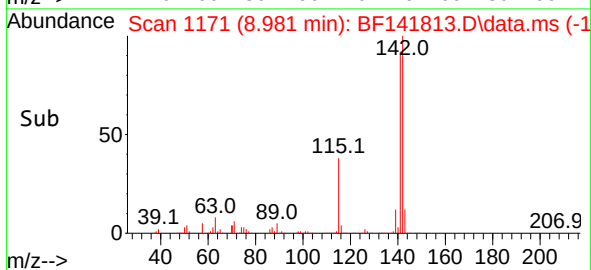
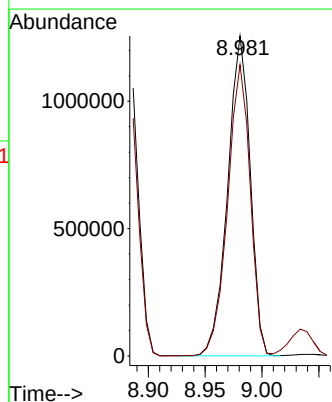
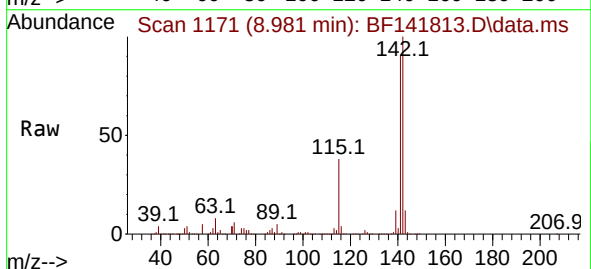
APPROVED

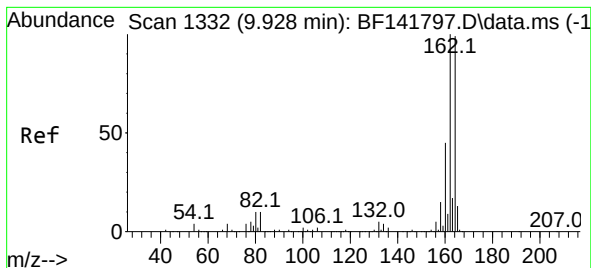
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#38
1-Methylnaphthalene
Concen: 41.927 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:142 Resp: 1734005
Ion Ratio Lower Upper
142 100
141 91.0 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141813.D

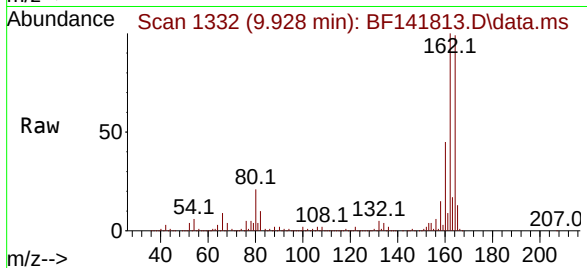
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS



Tgt Ion:164 Resp: 706478

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

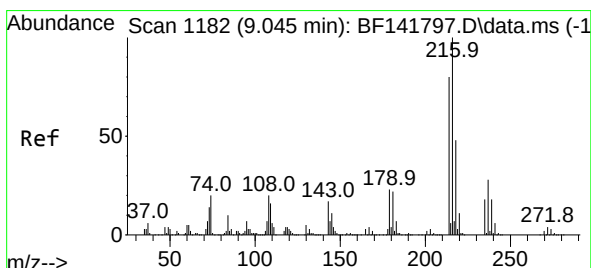
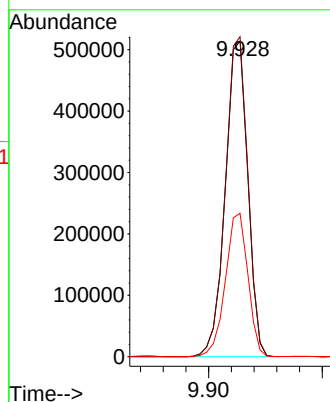
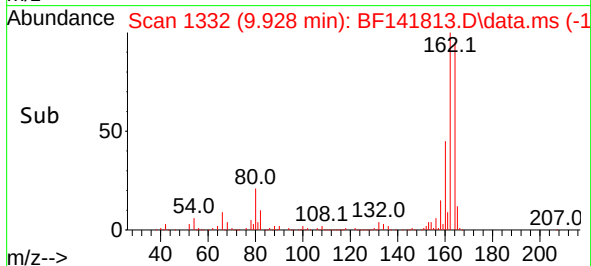
160 45.5 36.3 54.5

Manual Integrations

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Reviewed By :Anahy Claudio 03/04/2025

Supervised By :Jagrut Upadhyay 03/04/2025



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.600 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Tgt Ion:216 Resp: 930415

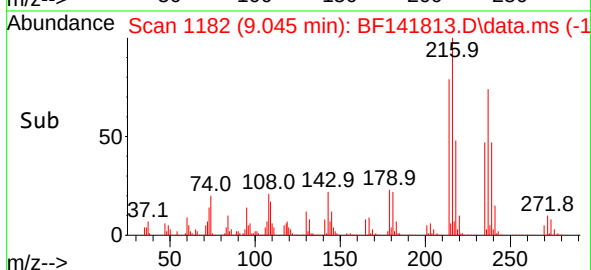
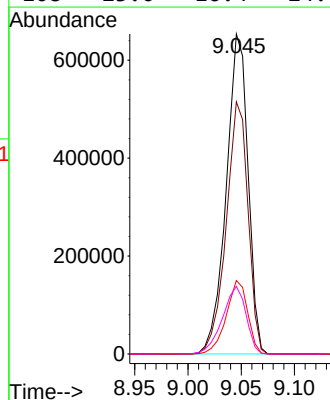
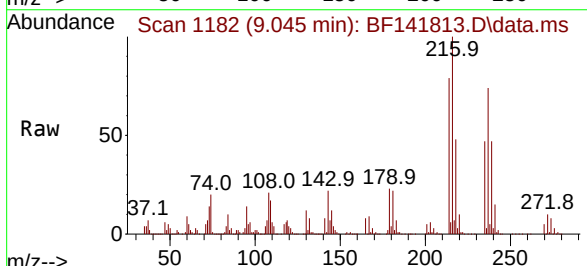
Ion Ratio Lower Upper

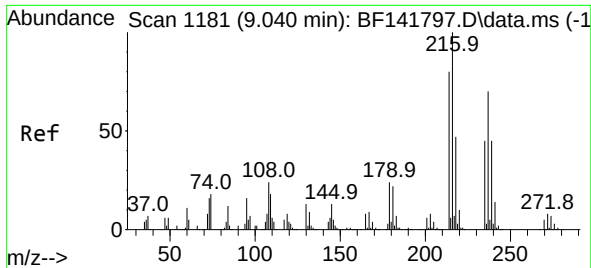
216 100

214 78.6 63.5 95.3

179 22.5 18.1 27.1

108 23.0 16.4 24.6





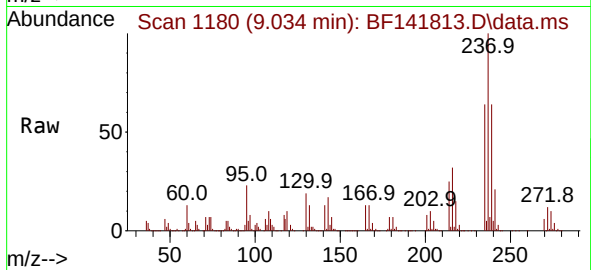
#41
Hexachlorocyclopentadiene
Concen: 138.921 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

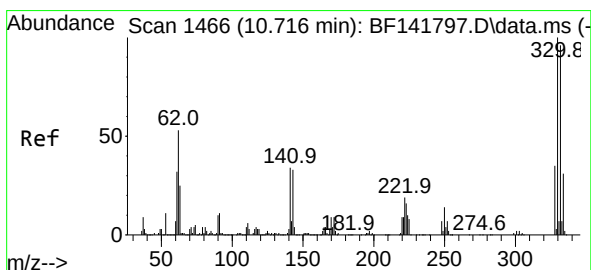
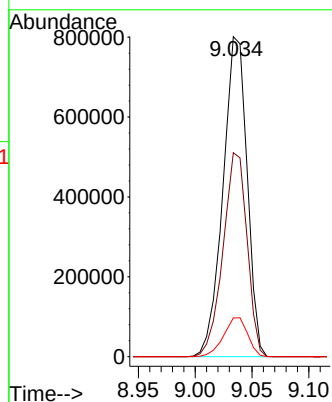
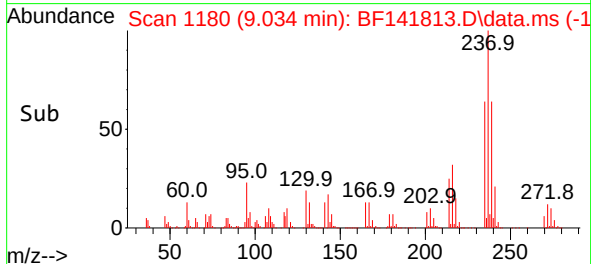


Tgt Ion:237 Resp: 1182920
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 12.1 0.0 31.9

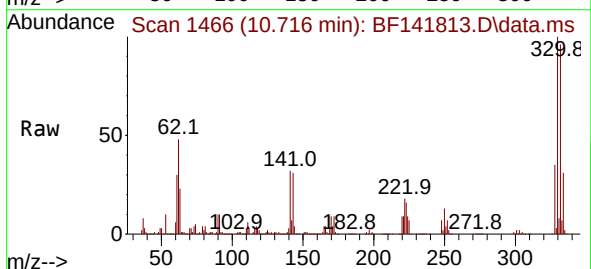
Manual Integrations

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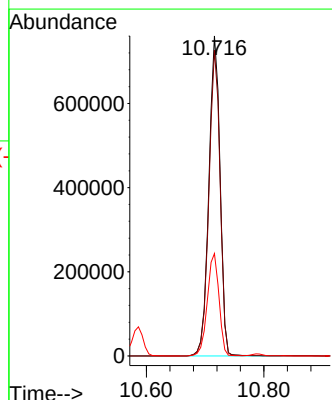
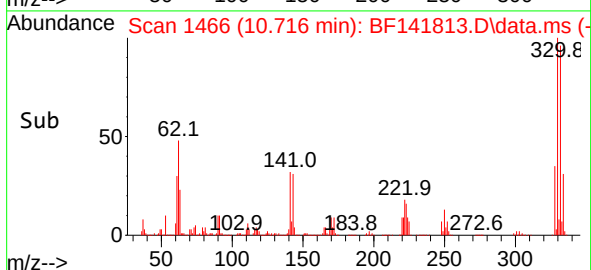
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

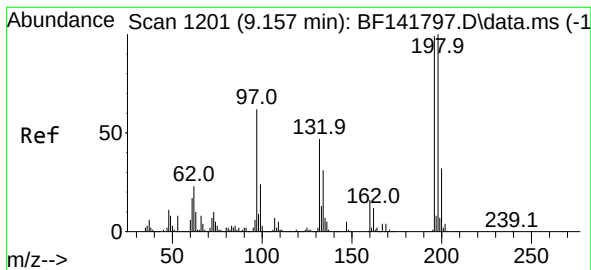


#42
2,4,6-Tribromophenol
Concen: 151.332 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion:330 Resp: 1003715
Ion Ratio Lower Upper
330 100
332 95.7 76.6 115.0
141 33.5 29.0 43.4





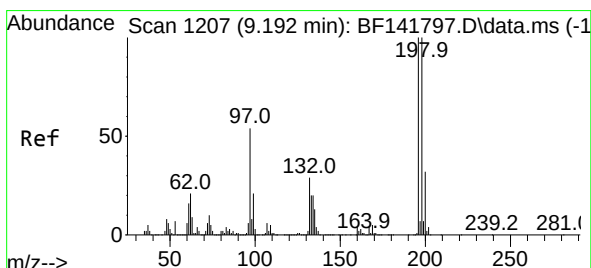
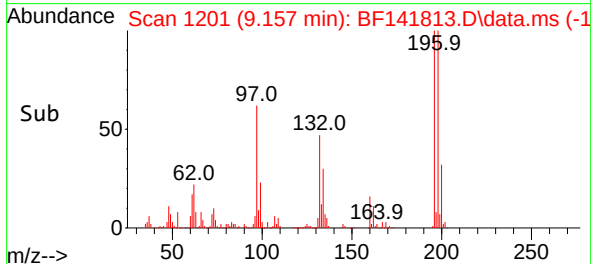
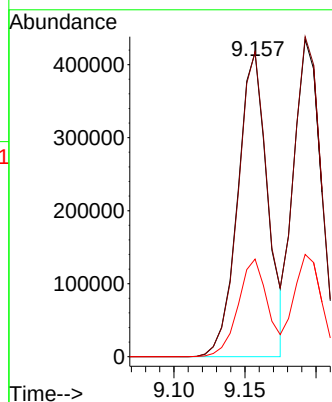
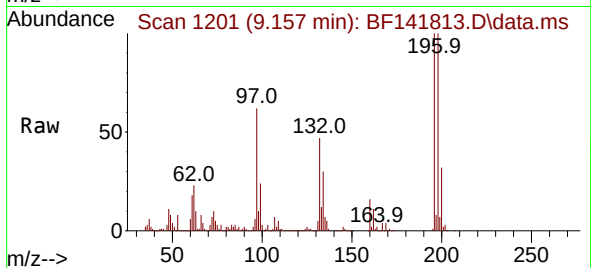
#43
2,4,6-Trichlorophenol
Concen: 46.196 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :
BNA_F
ClientSampleId :
PB166948BS

Tgt Ion:196 Resp: 60886
Ion Ratio Lower Upper
196 100
198 100.4 80.4 120.6
200 32.1 25.7 38.5

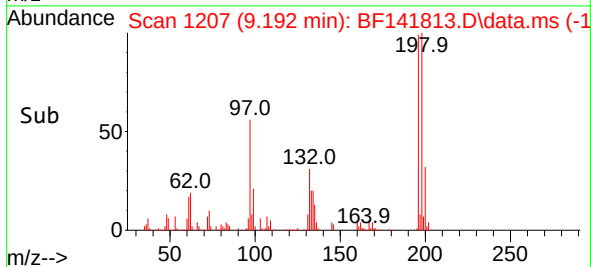
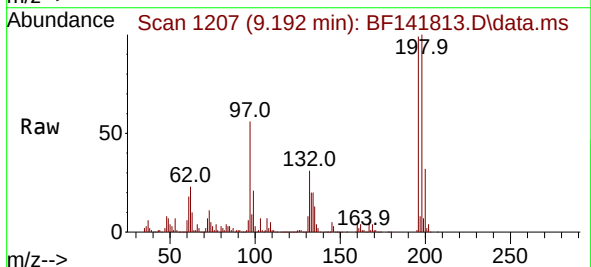
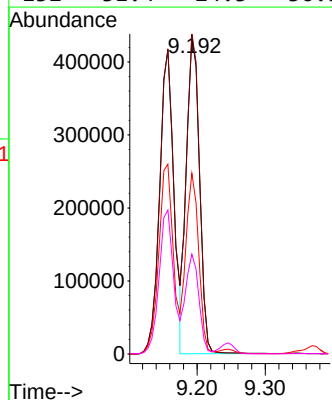
Manual Integrations
APPROVED

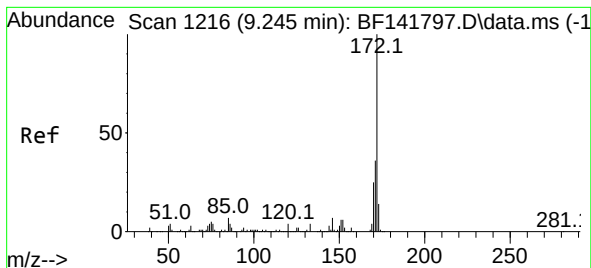
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#44
2,4,5-Trichlorophenol
Concen: 44.410 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:196 Resp: 579602
Ion Ratio Lower Upper
196 100
198 100.9 79.7 119.5
97 56.9 44.2 66.2
132 31.4 24.3 36.5





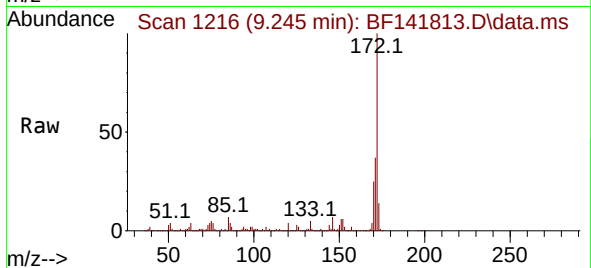
#45
2-Fluorobiphenyl
Concen: 91.779 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

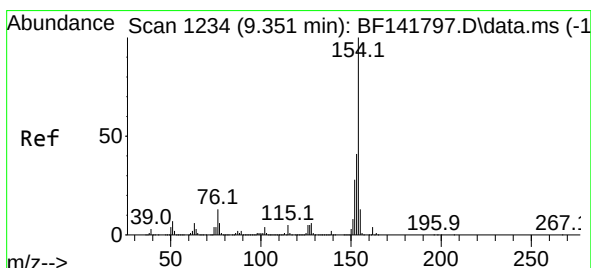
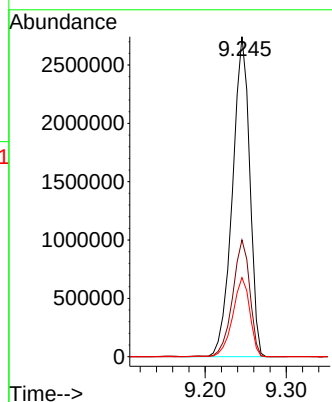
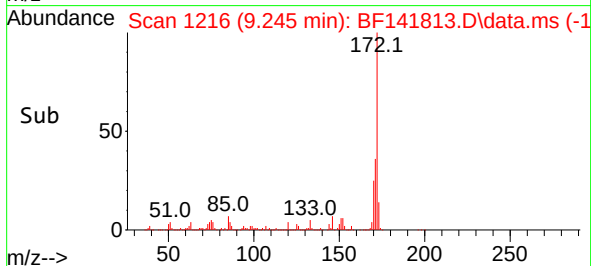


Tgt Ion:172 Resp: 404376
Ion Ratio Lower Upper
172 100
171 36.5 29.2 43.8
170 24.7 19.7 29.5

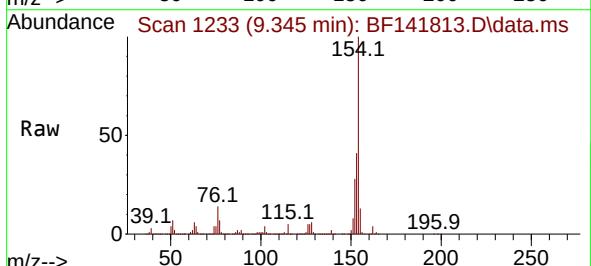
Manual Integrations

APPROVED

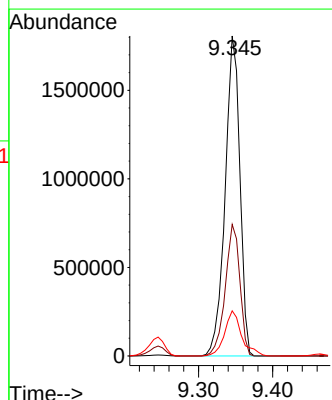
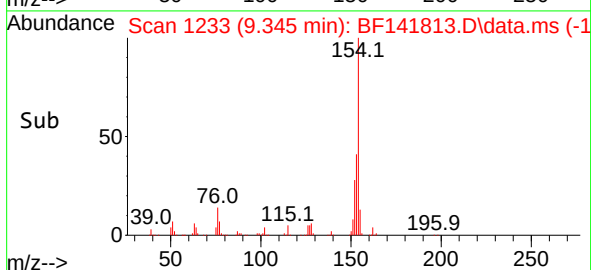
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

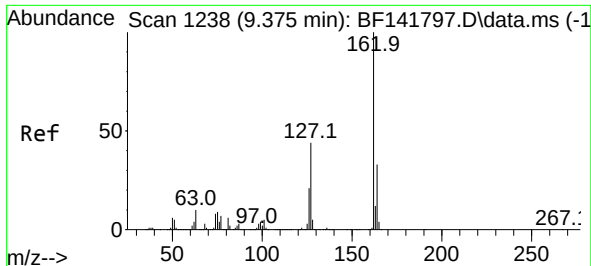


#46
1,1'-Biphenyl
Concen: 46.381 ng
RT: 9.345 min Scan# 1233
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



Tgt Ion:154 Resp: 2494106
Ion Ratio Lower Upper
154 100
153 41.1 21.4 61.4
76 14.1 0.0 33.4





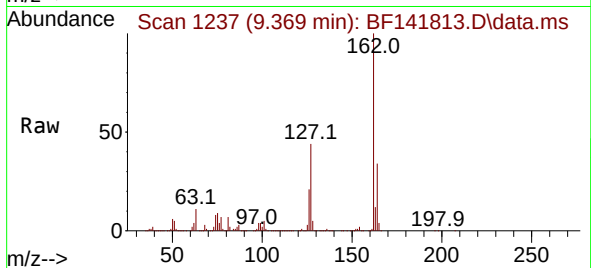
#47
2-Chloronaphthalene
Concen: 43.126 ng
RT: 9.369 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

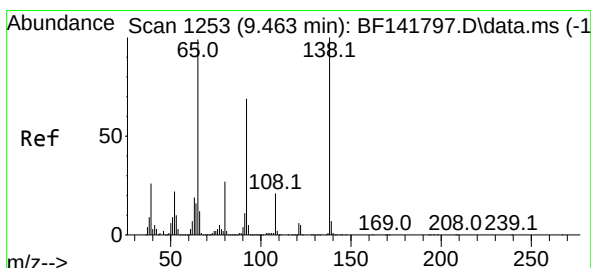
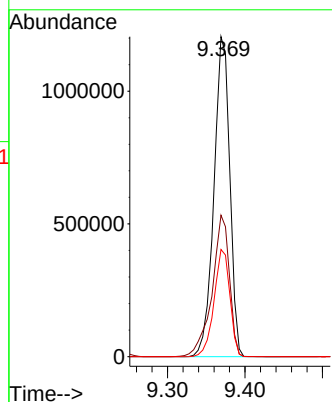
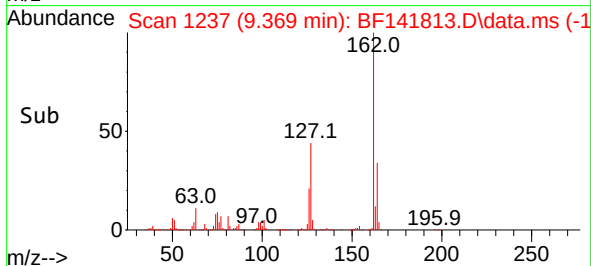


Tgt Ion:162 Resp: 1711660
Ion Ratio Lower Upper
162 100
127 44.2 35.0 52.6
164 33.5 26.6 40.0

Manual Integrations

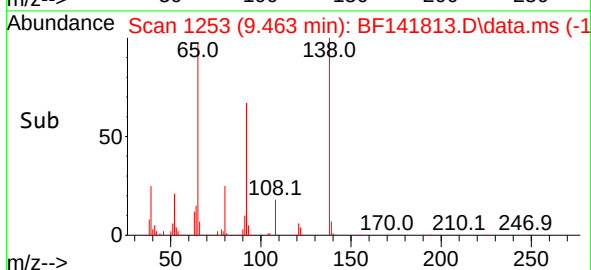
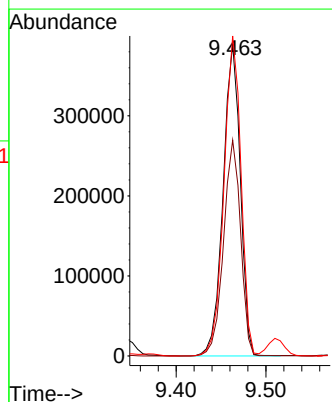
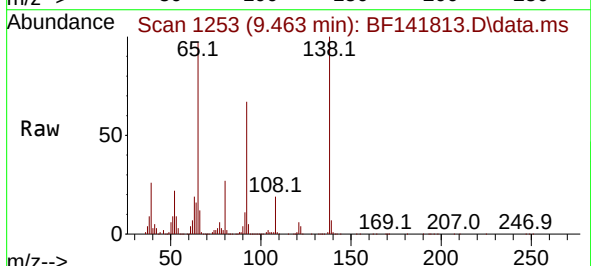
APPROVED

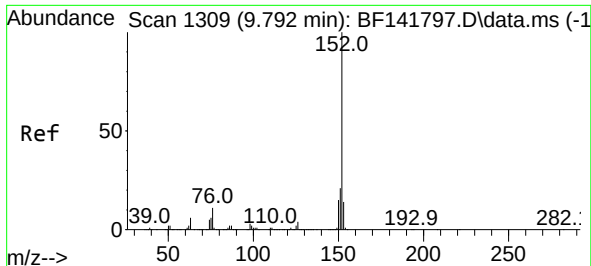
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#48
2-Nitroaniline
Concen: 47.761 ng
RT: 9.463 min Scan# 1253
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion: 65 Resp: 518618
Ion Ratio Lower Upper
65 100
92 69.2 55.7 83.5
138 102.6 80.6 121.0





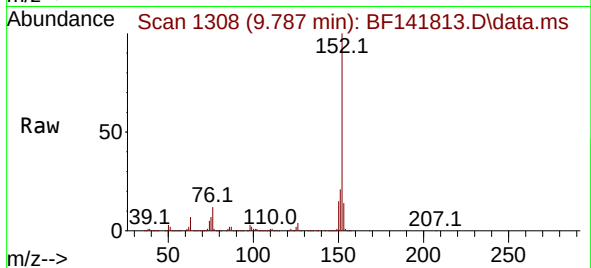
#49
Acenaphthylene
Concen: 44.989 ng
RT: 9.787 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

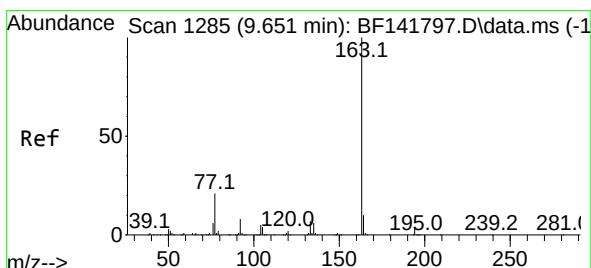
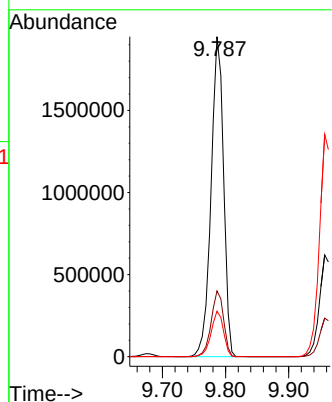
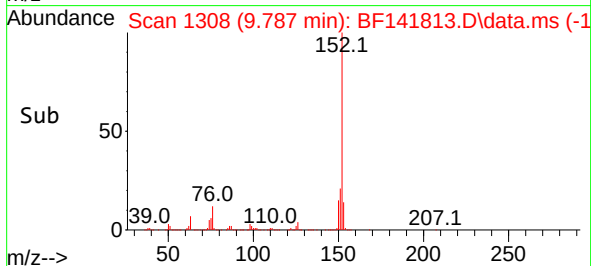


Tgt Ion:152 Resp: 2677140
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 14.2 11.2 16.8

Manual Integrations

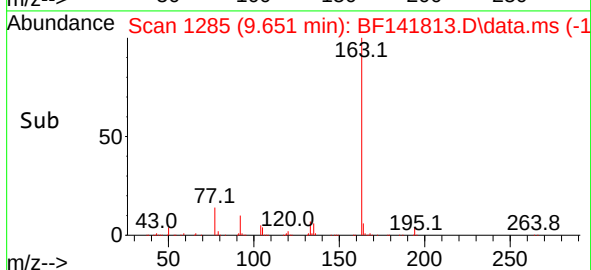
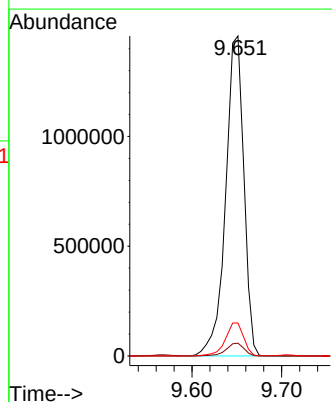
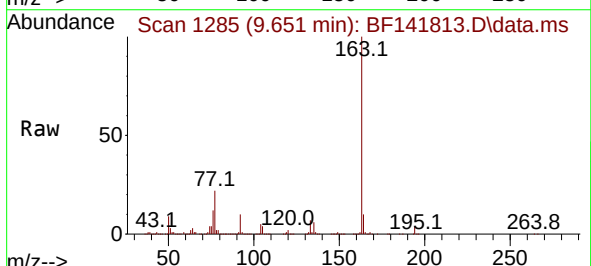
APPROVED

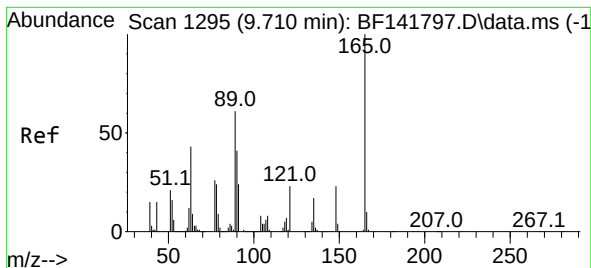
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#50
Dimethylphthalate
Concen: 43.433 ng
RT: 9.651 min Scan# 1285
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:163 Resp: 2054863
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.4 12.6





#51
2,6-Dinitrotoluene
Concen: 46.524 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

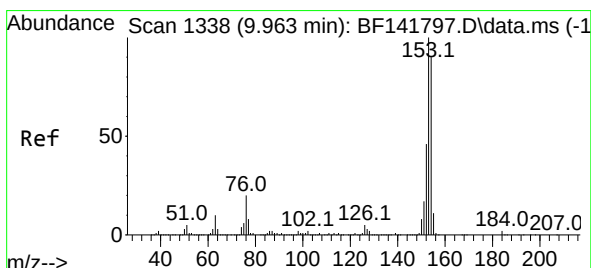
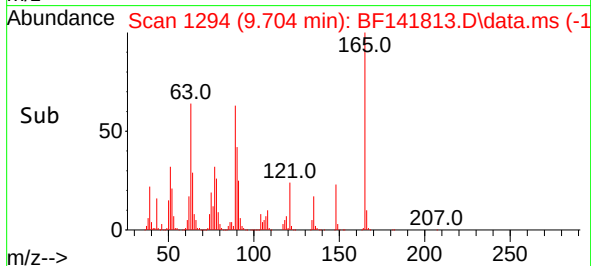
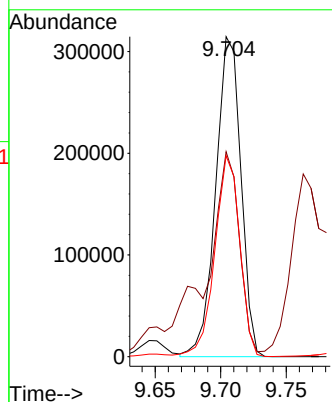
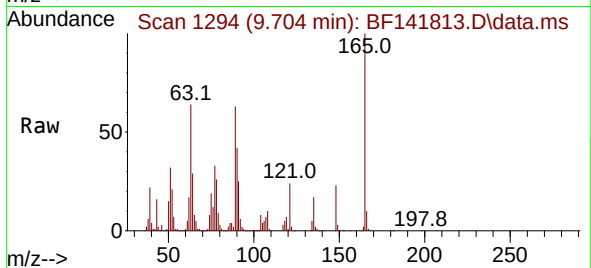
PB166948BS

Tgt Ion:165 Resp: 420239
Ion Ratio Lower Upper
165 100
63 64.1 49.5 74.3
89 62.8 49.0 73.4

Manual Integrations

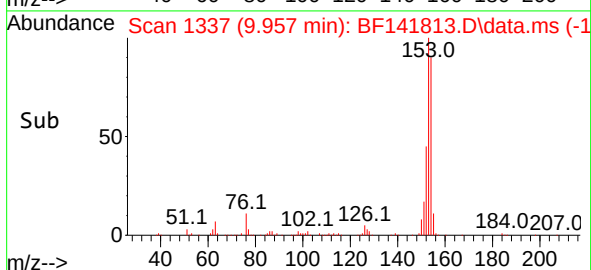
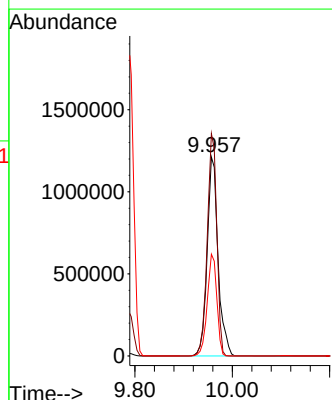
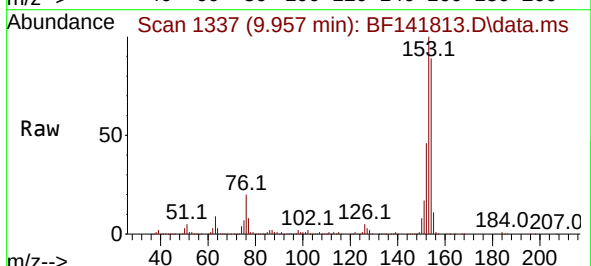
APPROVED

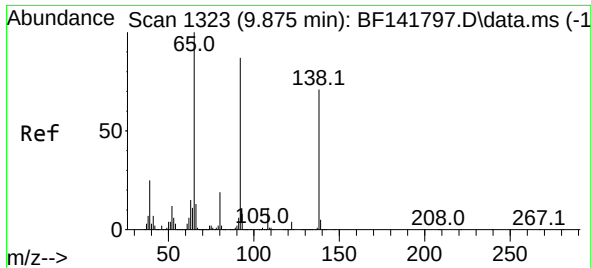
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#52
Acenaphthene
Concen: 46.705 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

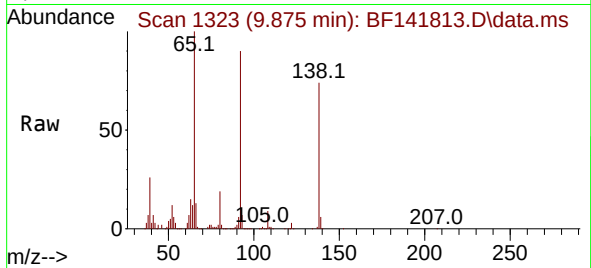
Tgt Ion:154 Resp: 1875323
Ion Ratio Lower Upper
154 100
153 111.7 88.7 133.1
152 51.1 40.9 61.3





#53
3-Nitroaniline
Concen: 26.922 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

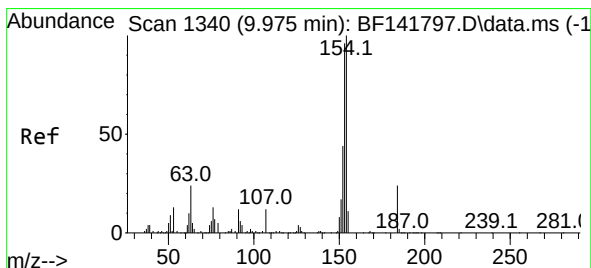
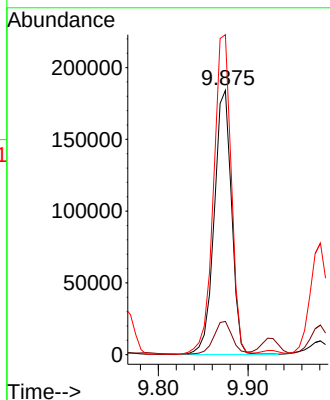
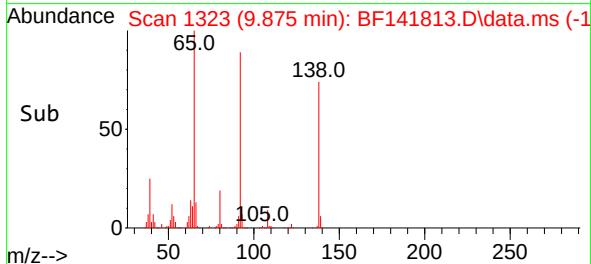
Instrument :
BNA_F
ClientSampleId :
PB166948BS



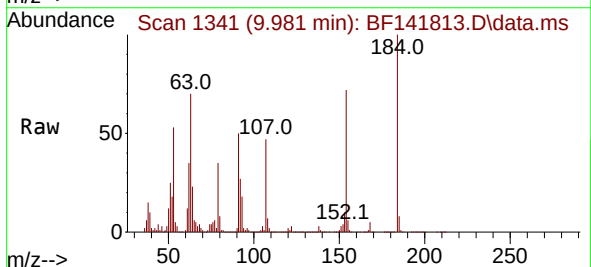
Tgt Ion:138 Resp: 246158
Ion Ratio Lower Upper
138 100
108 12.6 12.7 19.1
92 121.1 97.9 146.9

Manual Integrations
APPROVED

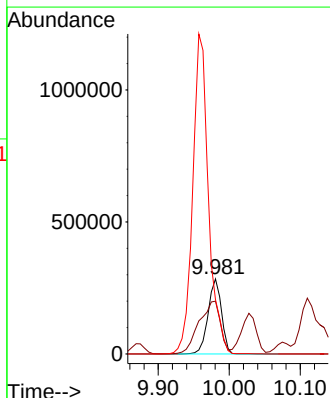
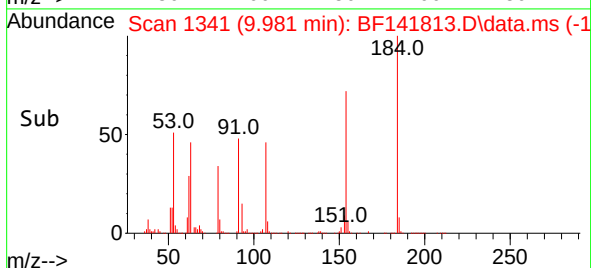
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

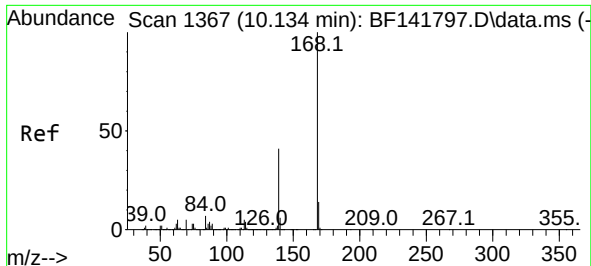


#54
2,4-Dinitrophenol
Concen: 87.041 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



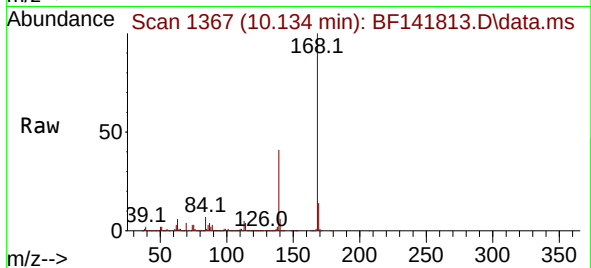
Tgt Ion:184 Resp: 373036
Ion Ratio Lower Upper
184 100
63 70.2 79.0 118.6#
154 72.5 335.8 503.8#





#55
Dibenzenofuran
Concen: 41.441 ng
RT: 10.134 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

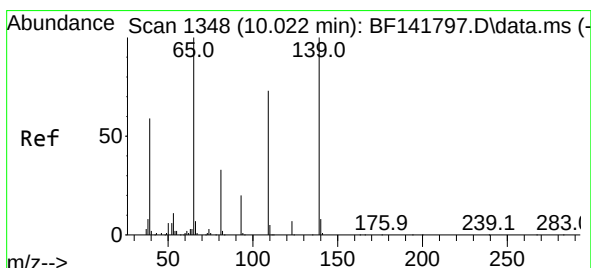
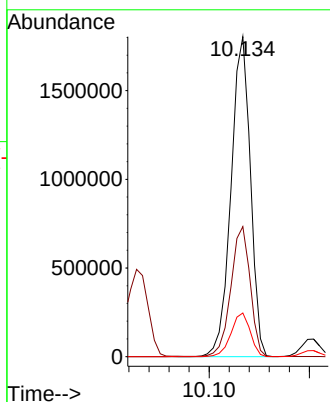
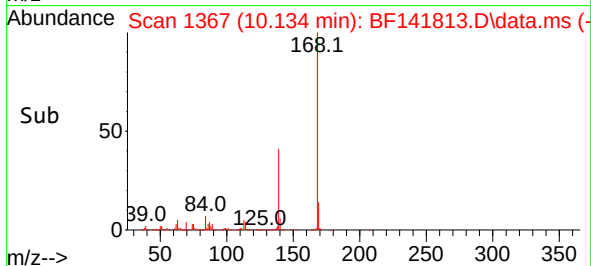
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:168 Resp: 2421909
Ion Ratio Lower Upper
168 100
139 40.6 32.9 49.3
169 13.6 11.1 16.7

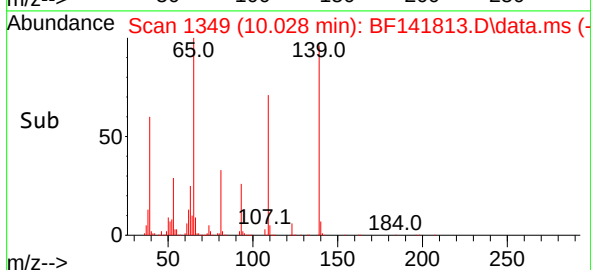
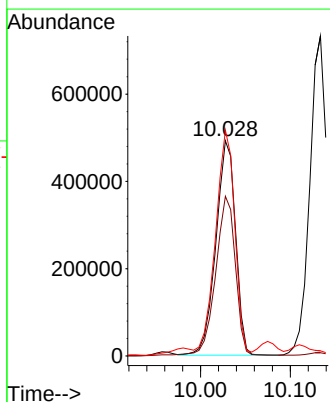
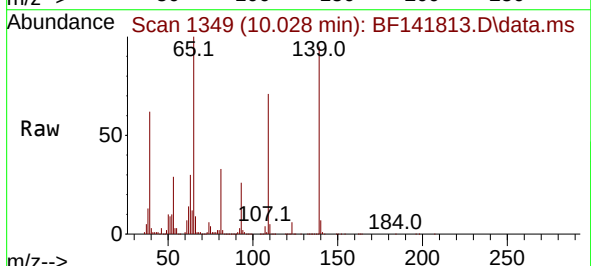
Manual Integrations
APPROVED

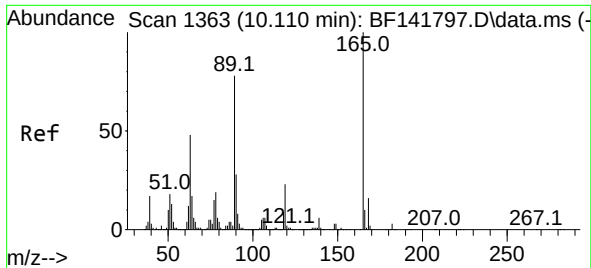
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#56
4-Nitrophenol
Concen: 107.056 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

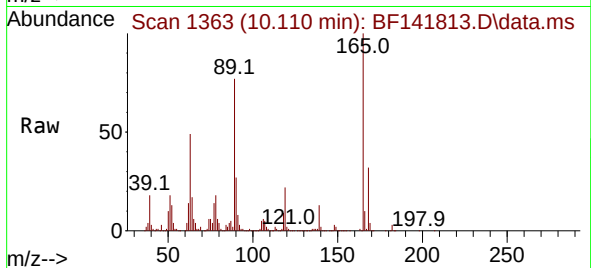
Tgt Ion:139 Resp: 748067
Ion Ratio Lower Upper
139 100
109 74.2 53.4 93.4
65 104.9 82.1 122.1





#57
2,4-Dinitrotoluene
Concen: 51.453 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

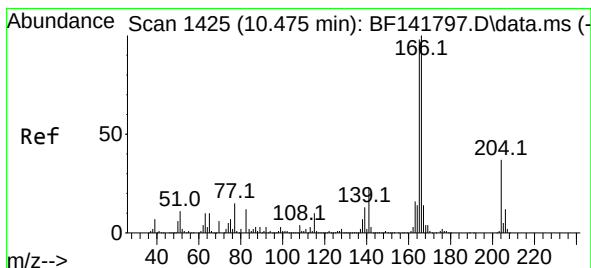
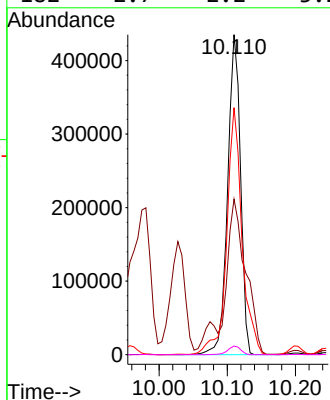
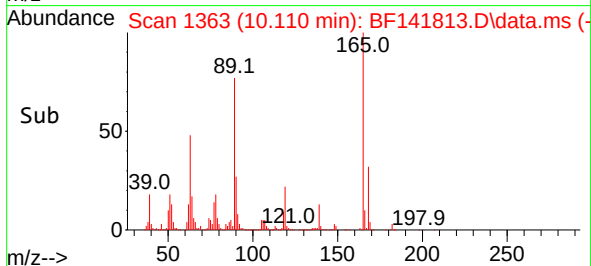
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:165 Resp: 571830
Ion Ratio Lower Upper
165 100
63 48.6 38.8 58.2
89 77.2 62.6 94.0
182 2.7 2.2 3.2

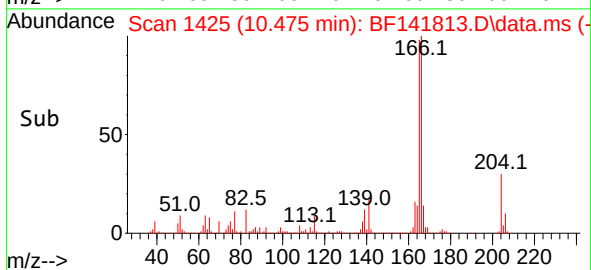
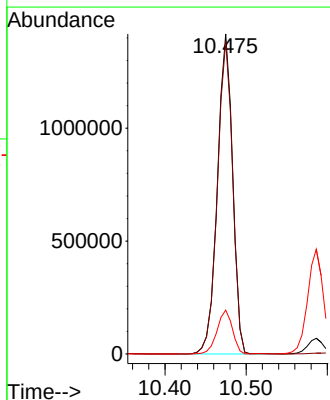
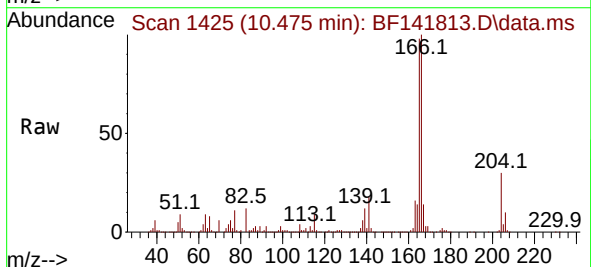
Manual Integrations
APPROVED

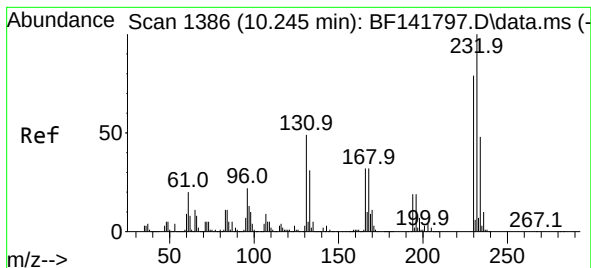
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#58
Fluorene
Concen: 42.347 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

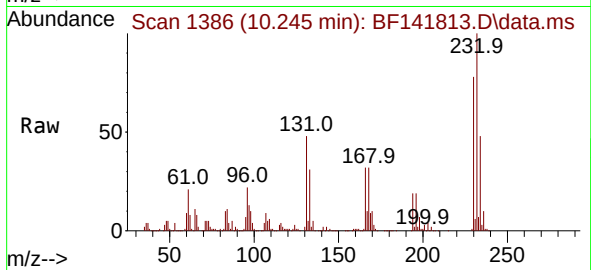
Tgt Ion:166 Resp: 1853777
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.7 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.279 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

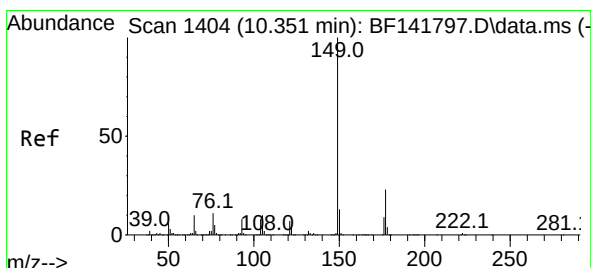
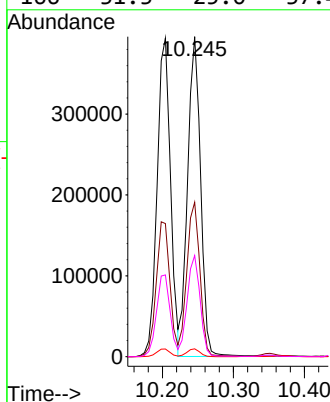
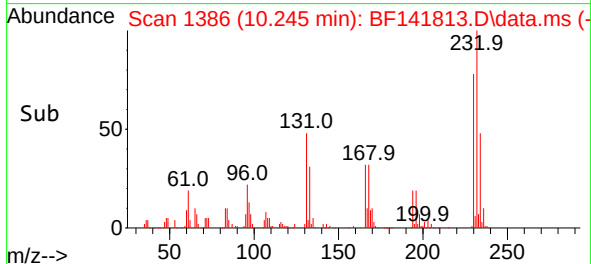
Instrument :
BNA_F
ClientSampleId :
PB166948BS



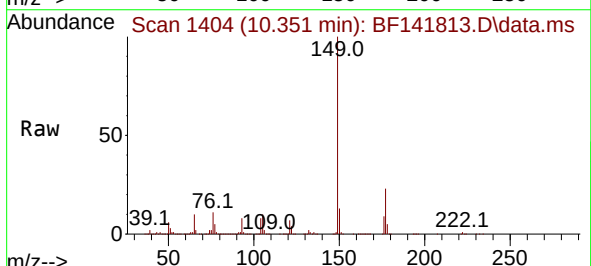
Tgt Ion:232 Resp: 50259
Ion Ratio Lower Upper
232 100
131 48.4 37.8 56.8
130 2.5 2.0 3.0
166 31.3 25.0 37.4

Manual Integrations
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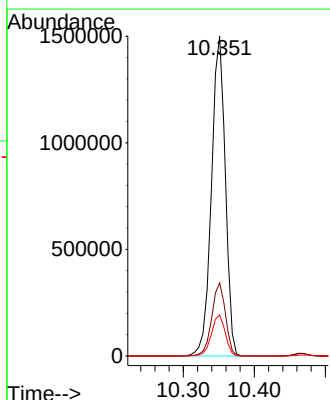
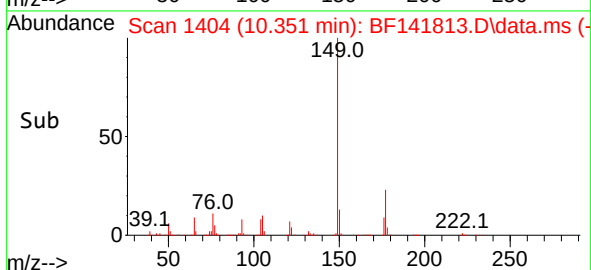
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

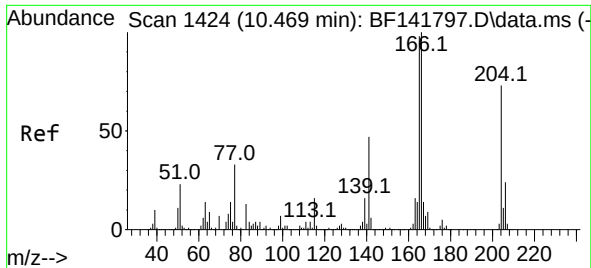


#60
Diethylphthalate
Concen: 42.803 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



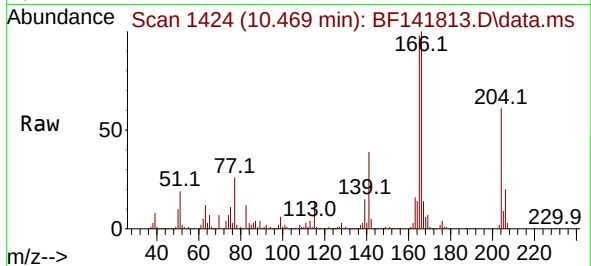
Tgt Ion:149 Resp: 2030110
Ion Ratio Lower Upper
149 100
177 22.8 18.3 27.5
150 12.8 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 42.448 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

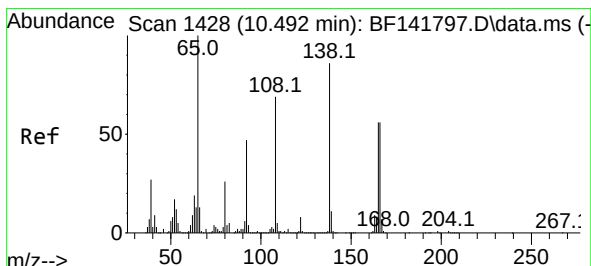
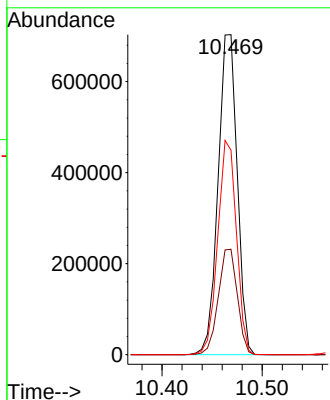
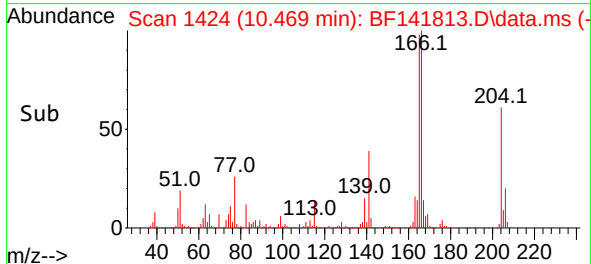
Instrument :
BNA_F
ClientSampleId :
PB166948BS



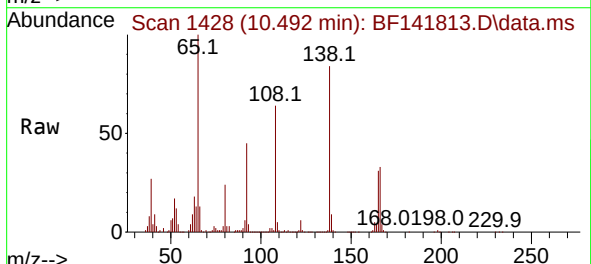
Tgt Ion:204 Resp: 931018
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 63.9 51.7 77.5

Manual Integrations
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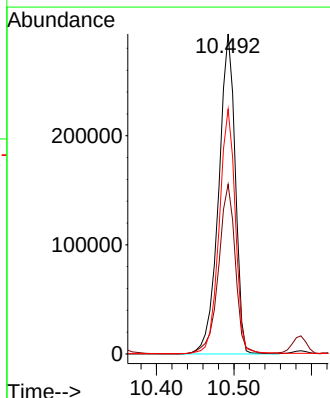
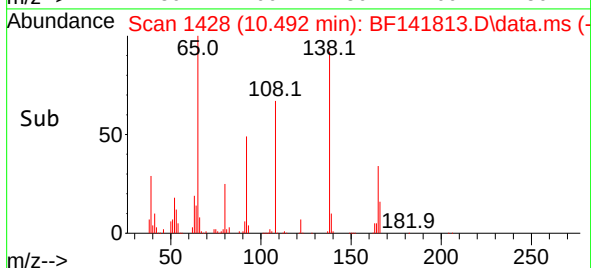
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

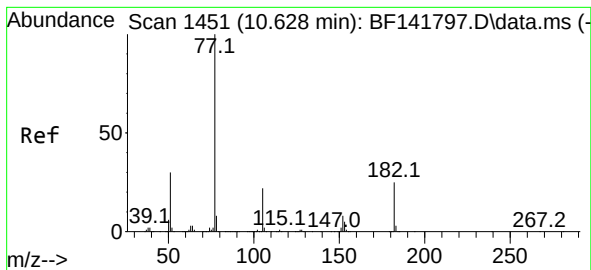


#62
4-Nitroaniline
Concen: 54.017 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



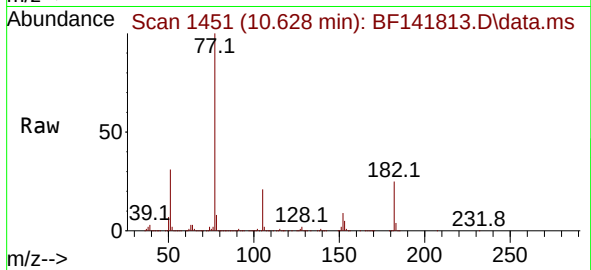
Tgt Ion:138 Resp: 436441
Ion Ratio Lower Upper
138 100
92 53.0 34.9 74.9
108 76.5 59.6 99.6





#63
Azobenzene
Concen: 42.171 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

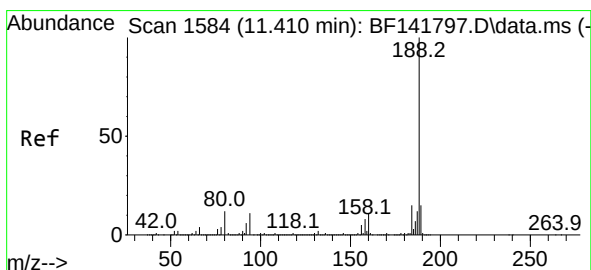
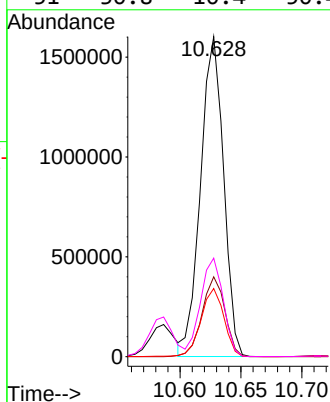
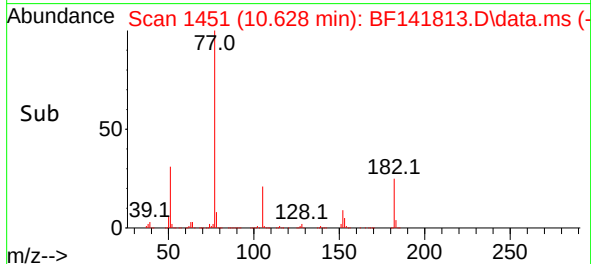
Instrument :
BNA_F
ClientSampleId :
PB166948BS



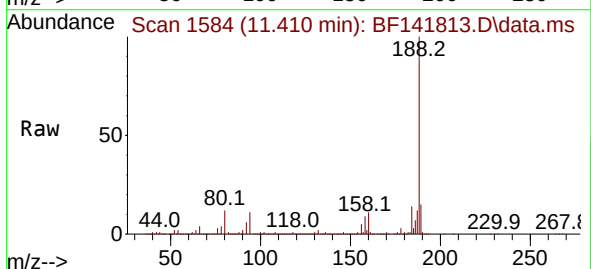
Tgt Ion: 77 Resp: 210596
Ion Ratio Lower Upper
77 100
182 25.0 4.2 44.2
105 21.3 1.5 41.5
51 30.8 10.4 50.4

Manual Integrations
APPROVED

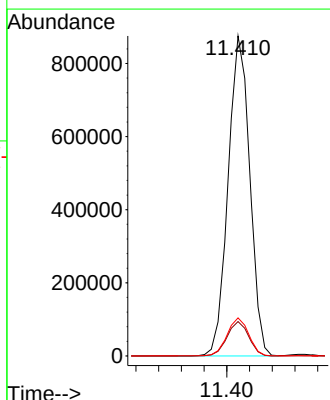
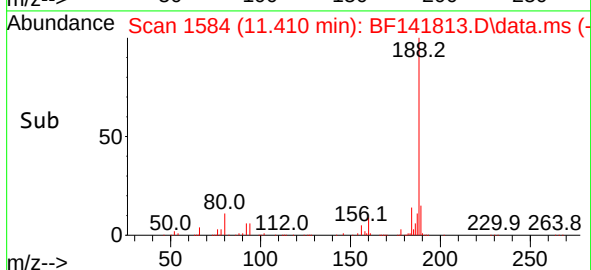
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

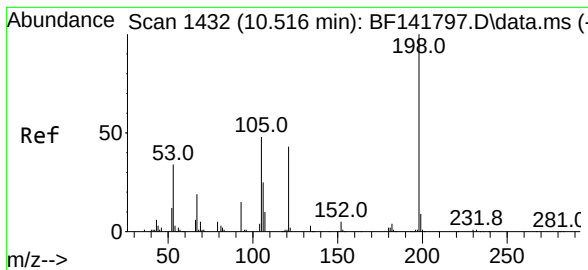


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



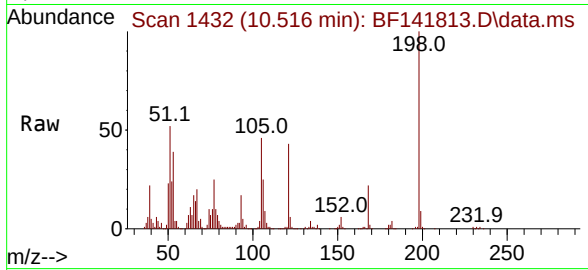
Tgt Ion:188 Resp: 1160885
Ion Ratio Lower Upper
188 100
94 10.8 8.9 13.3
80 11.9 9.7 14.5





#65
4,6-Dinitro-2-methylphenol
Concen: 44.632 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

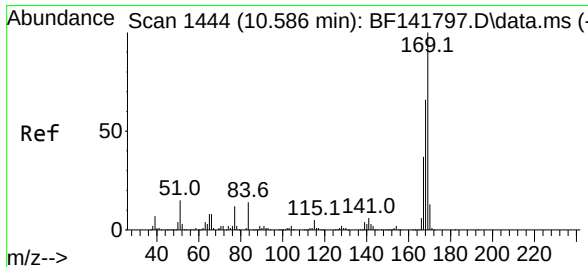
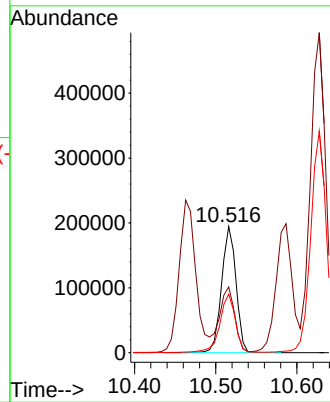
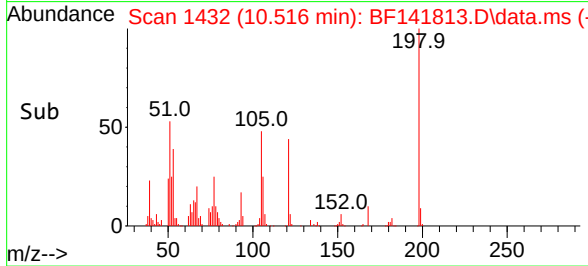
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:198 Resp: 240235
Ion Ratio Lower Upper
198 100
51 52.2 32.1 72.1
105 46.4 28.5 68.5

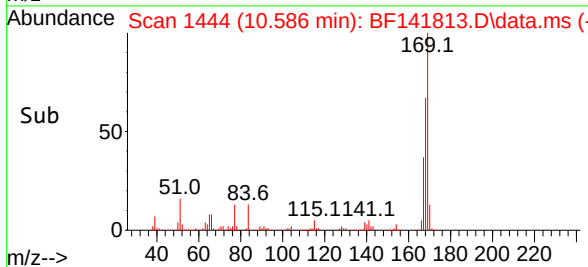
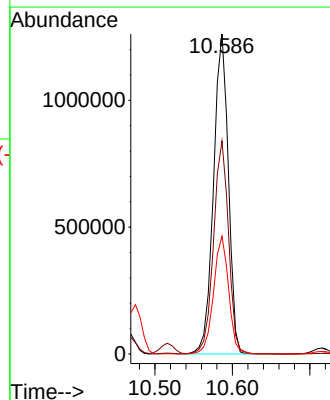
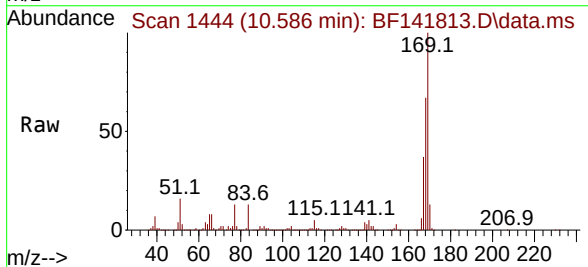
Manual Integrations
APPROVED

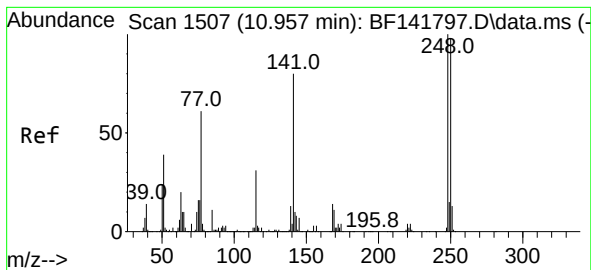
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#66
n-Nitrosodiphenylamine
Concen: 43.892 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

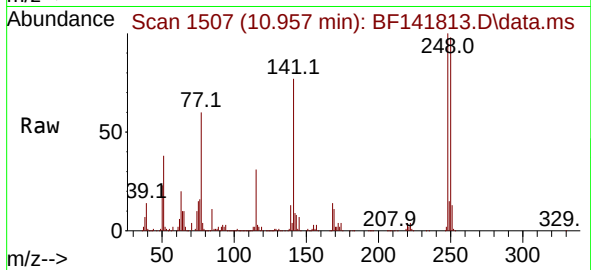
Tgt Ion:169 Resp: 1673137
Ion Ratio Lower Upper
169 100
168 66.6 53.0 79.6
167 36.8 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 43.543 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

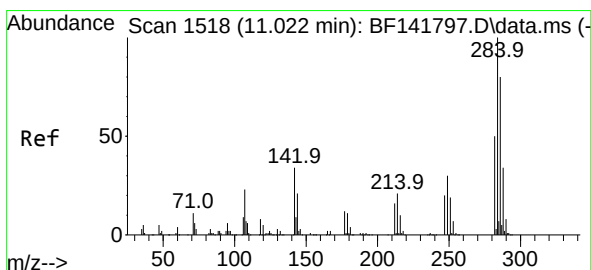
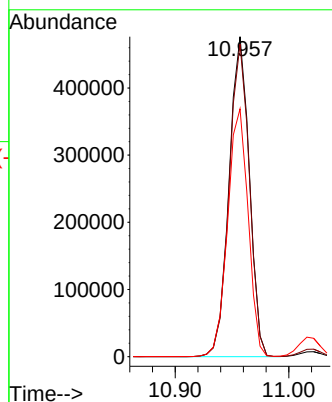
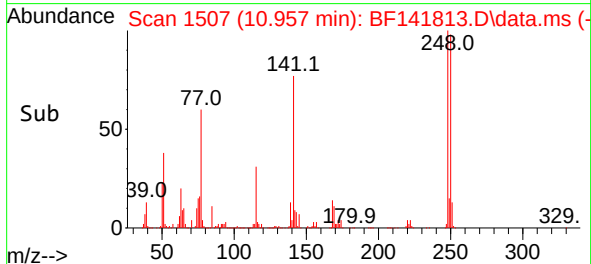
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:248 Resp: 590419
Ion Ratio Lower Upper
248 100
250 97.7 78.1 117.1
141 77.4 64.3 96.5

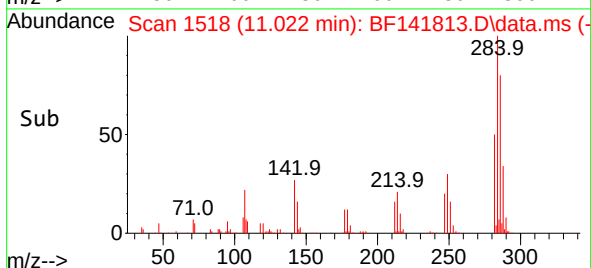
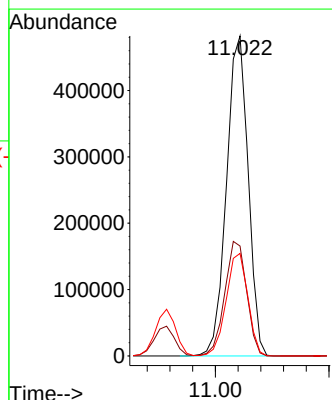
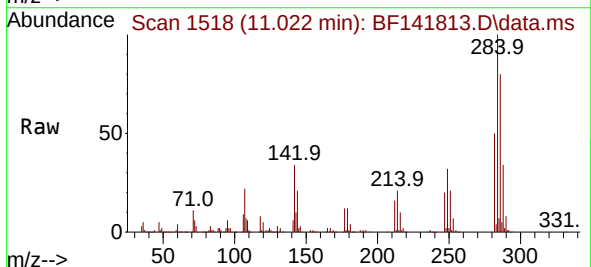
Manual Integrations
APPROVED

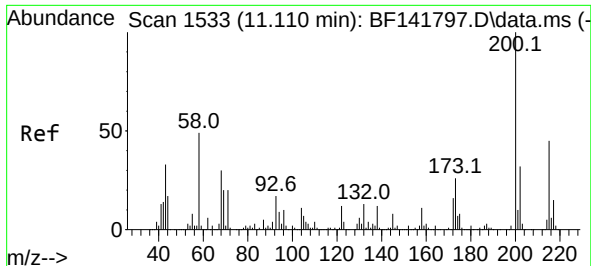
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#68
Hexachlorobenzene
Concen: 44.524 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

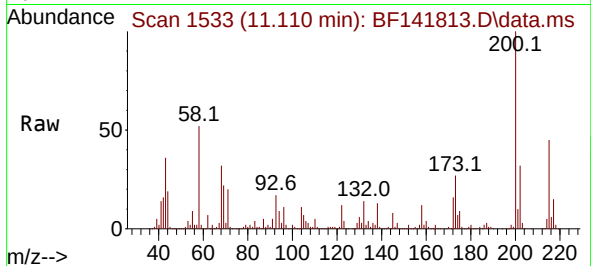
Tgt Ion:284 Resp: 637521
Ion Ratio Lower Upper
284 100
142 34.4 28.2 42.2
249 32.1 25.5 38.3





#69
 Atrazine
 Concen: 61.158 ng
 RT: 11.110 min Scan# 1533
 Delta R.T. -0.000 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15

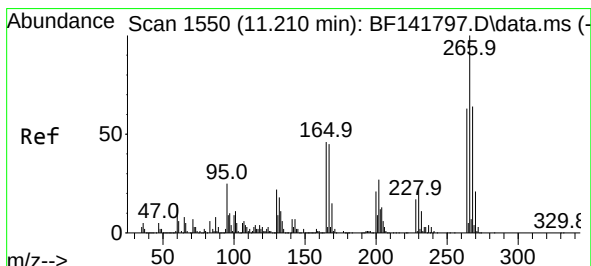
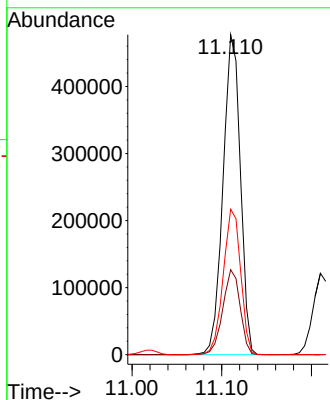
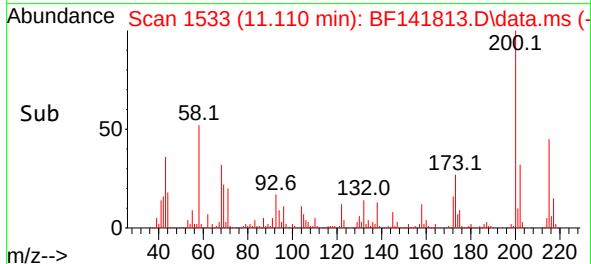
Instrument :
 BNA_F
 ClientSampleId :
 PB166948BS



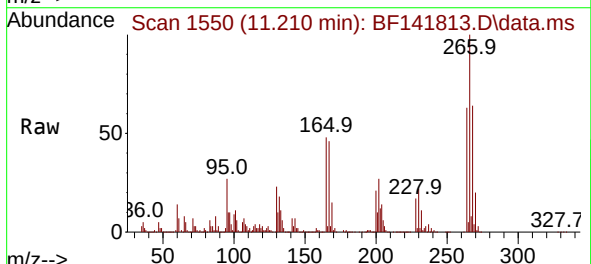
Tgt Ion:200 Resp: 64110
 Ion Ratio Lower Upper
 200 100
 173 26.5 5.6 45.6
 215 45.5 25.3 65.3

Manual Integrations
 APPROVED

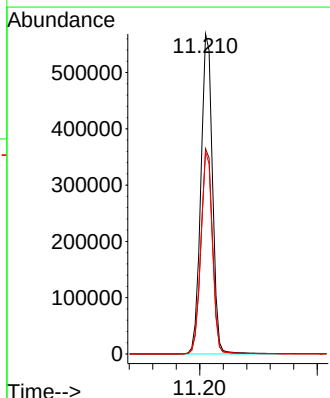
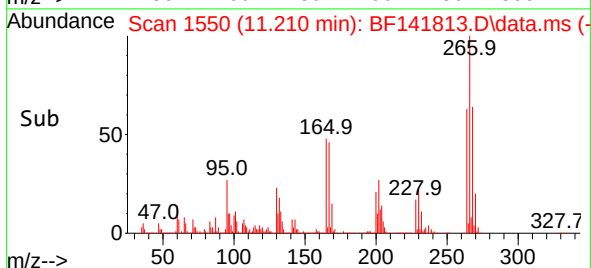
Reviewed By :Anahy Claudio 03/04/2025
 Supervised By :Jagrut Upadhyay 03/04/2025

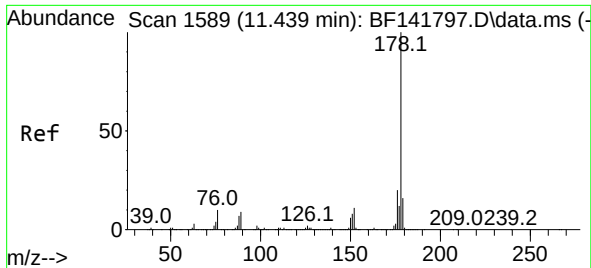


#70
 Pentachlorophenol
 Concen: 85.919 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. -0.000 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15



Tgt Ion:266 Resp: 780256
 Ion Ratio Lower Upper
 266 100
 268 64.1 50.9 76.3
 264 63.3 50.2 75.4





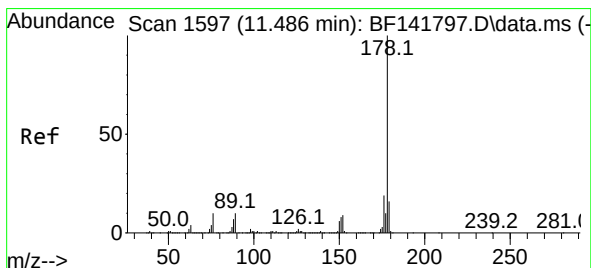
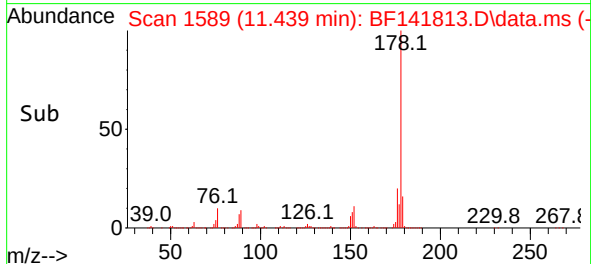
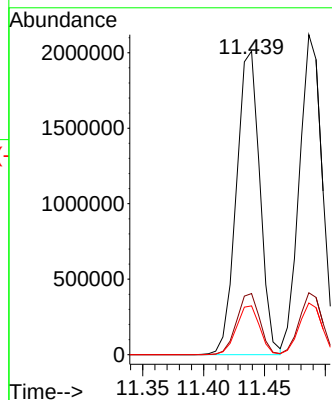
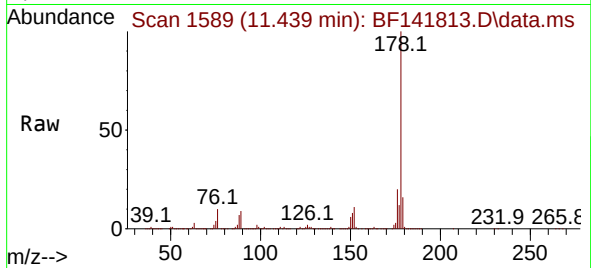
#71
Phenanthrene
Concen: 43.329 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :
BNA_F
ClientSampleId :
PB166948BS

Tgt Ion:178 Resp: 2690544
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 12.6 19.0

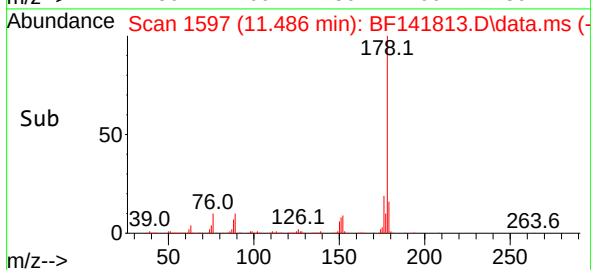
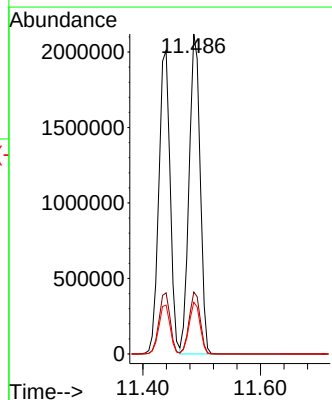
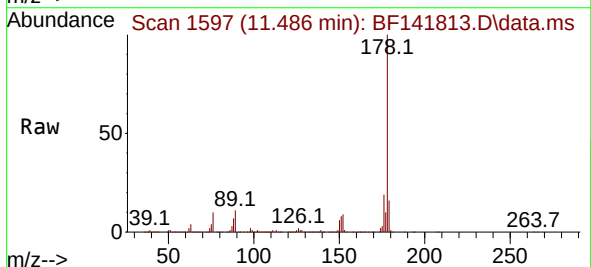
Manual Integrations
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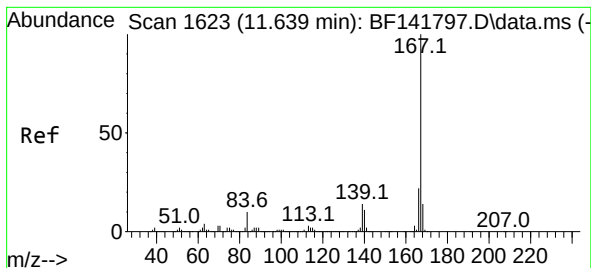
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#72
Anthracene
Concen: 44.234 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

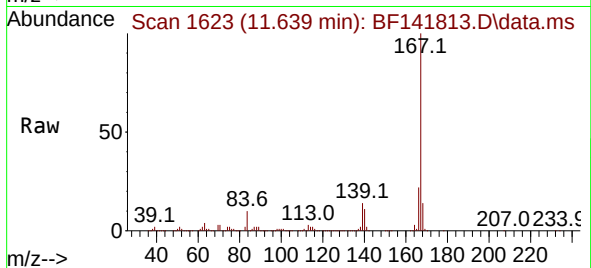
Tgt Ion:178 Resp: 2752829
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.0
179 16.2 12.8 19.2





#73
 Carbazole
 Concen: 43.103 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. -0.000 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15

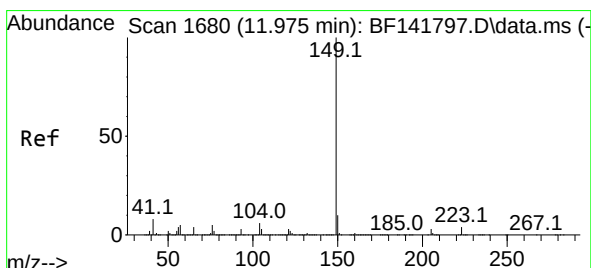
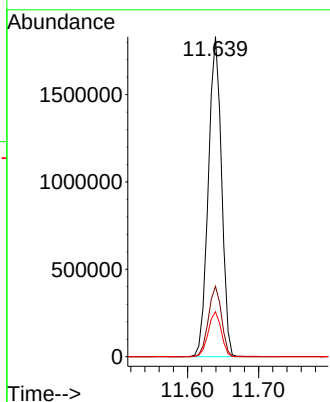
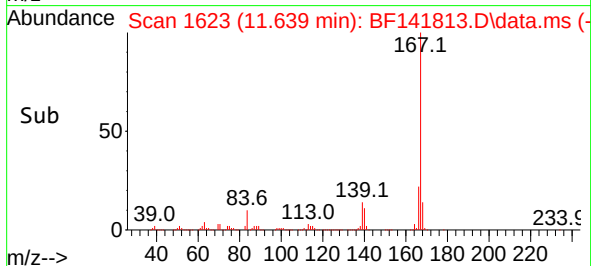
Instrument :
 BNA_F
 ClientSampleId :
 PB166948BS



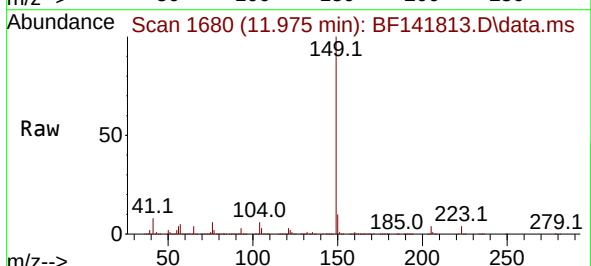
Tgt Ion:167 Resp: 2368839
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 14.0 11.3 16.9

Manual Integrations
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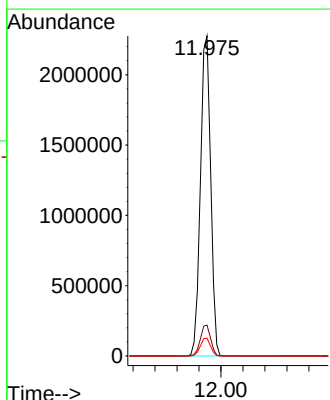
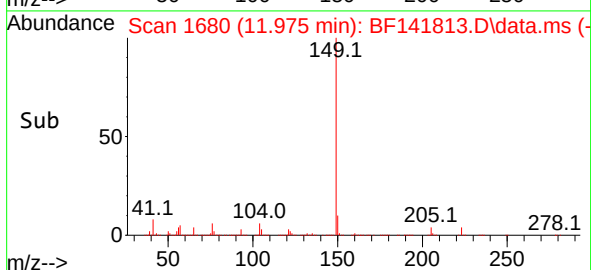
Reviewed By :Anahy Claudio 03/04/2025
 Supervised By :Jagrut Upadhyay 03/04/2025

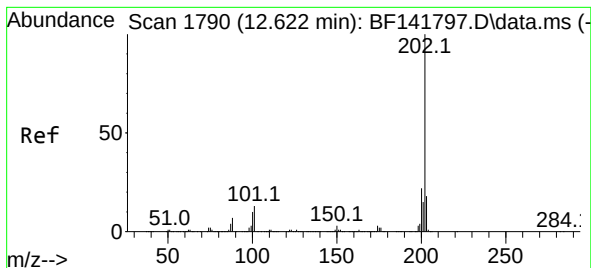


#74
 Di-n-butylphthalate
 Concen: 42.343 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. -0.000 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15



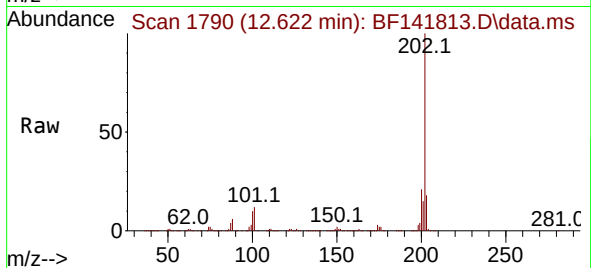
Tgt Ion:149 Resp: 2949742
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 42.090 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

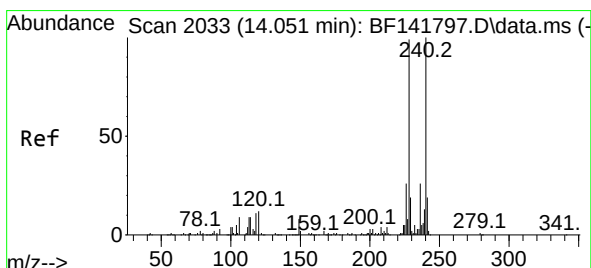
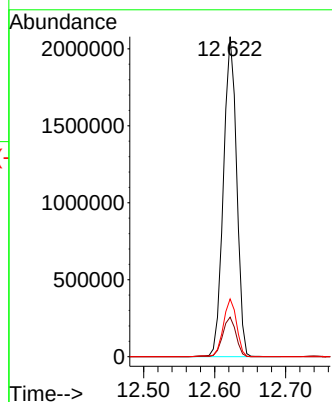
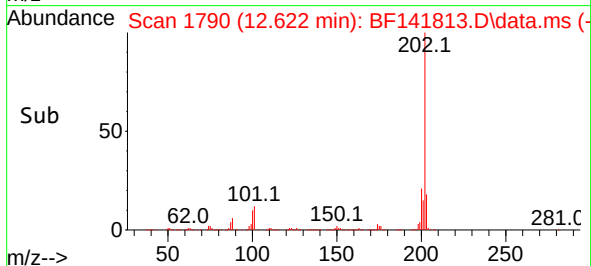
Instrument :
BNA_F
ClientSampleId :
PB166948BS



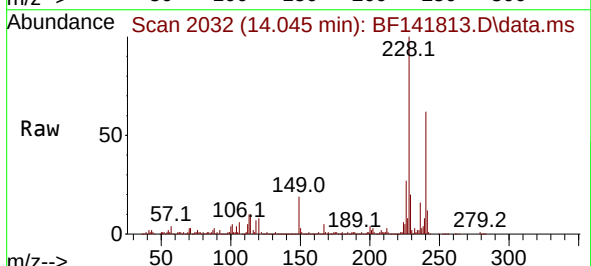
Tgt Ion:202 Resp: 267805
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.8
203 18.1 0.0 38.0

Manual Integrations
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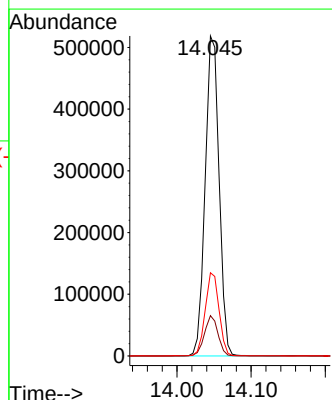
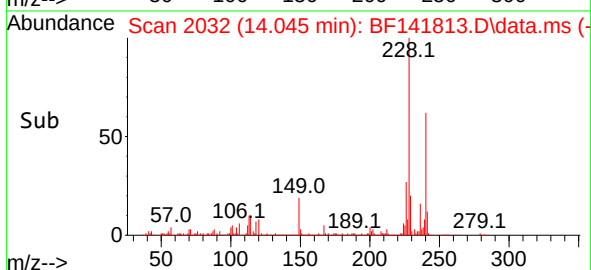
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025

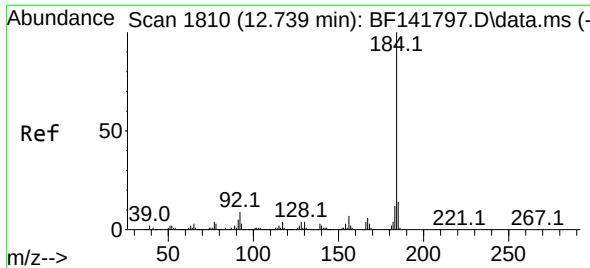


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15



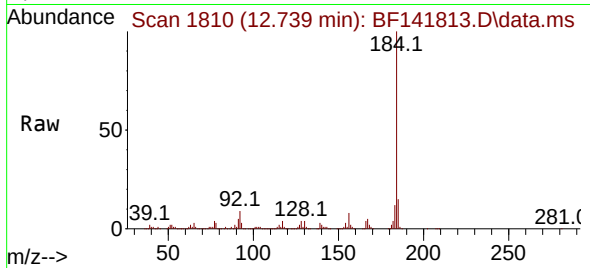
Tgt Ion:240 Resp: 677456
Ion Ratio Lower Upper
240 100
120 12.6 9.7 14.5
236 26.0 21.0 31.4





#77
Benzidine
Concen: 98.258 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

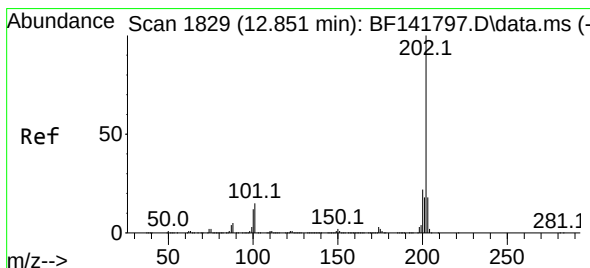
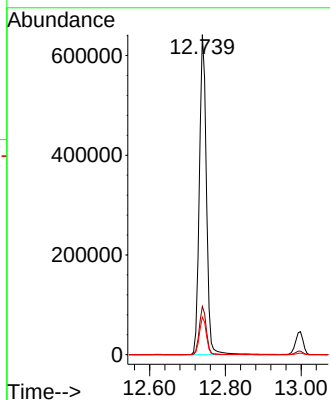
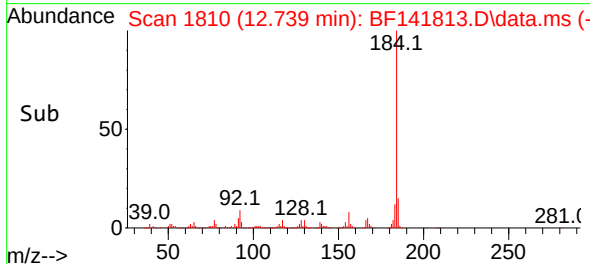
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:184 Resp: 837822
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 11.7 9.4 14.0

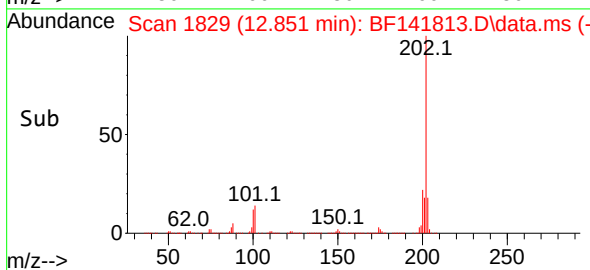
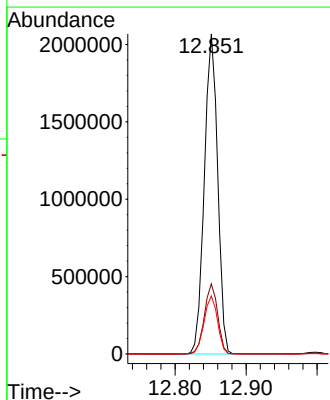
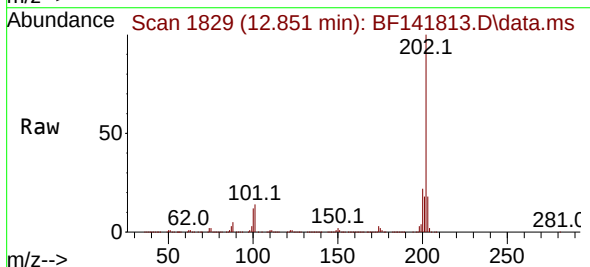
Manual Integrations
APPROVED

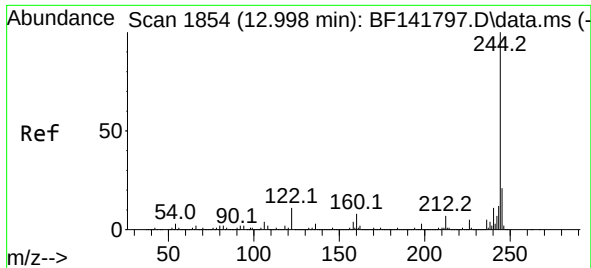
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#78
Pyrene
Concen: 45.952 ng
RT: 12.851 min Scan# 1829
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:202 Resp: 2695686
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.0
203 18.2 14.6 22.0





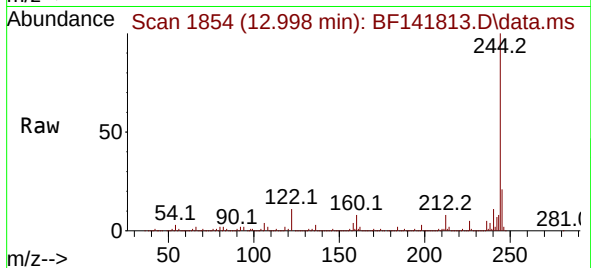
#79
 Terphenyl-d14
 Concen: 101.920 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

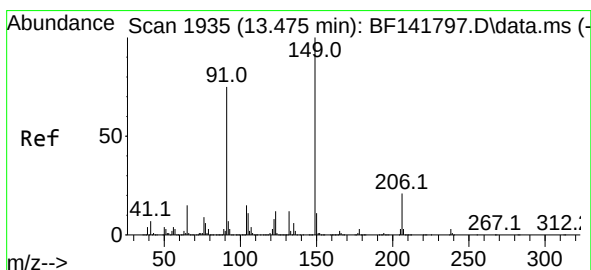
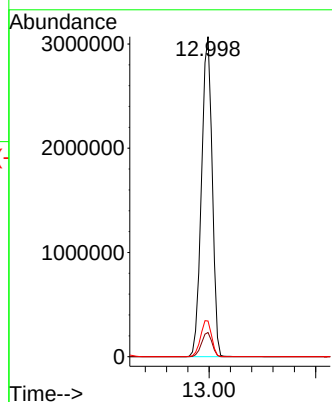
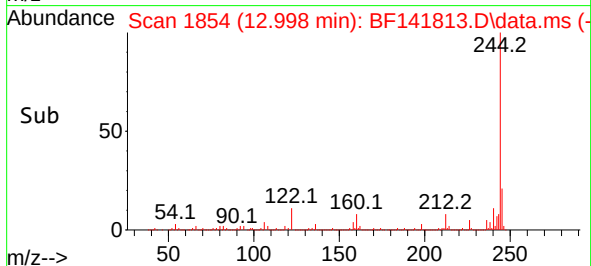


Tgt Ion:244 Resp: 4267611
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 11.1 9.0 13.6

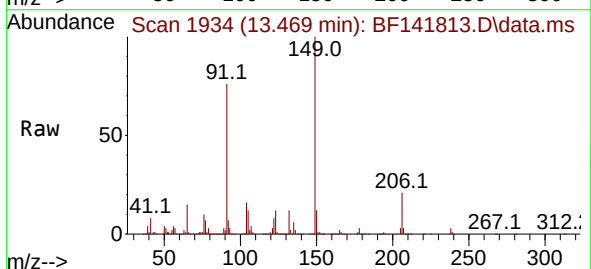
Manual Integrations

APPROVED

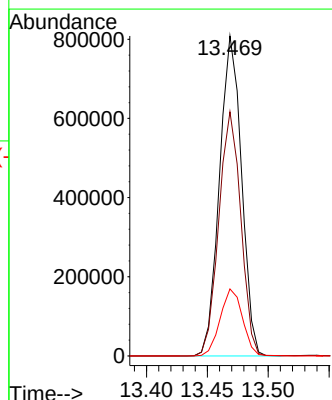
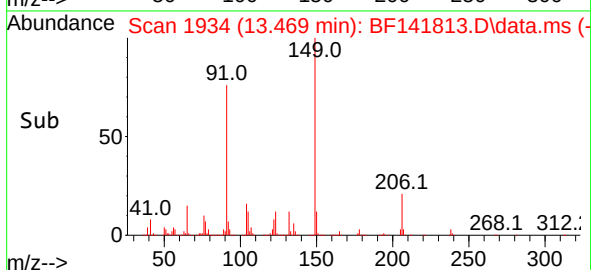
Reviewed By :Anahy Claudio 03/04/2025
 Supervised By :Jagrut Upadhyay 03/04/2025

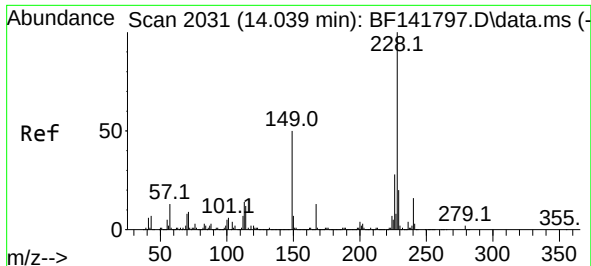


#80
 Butylbenzylphthalate
 Concen: 47.833 ng
 RT: 13.469 min Scan# 1934
 Delta R.T. -0.006 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15



Tgt Ion:149 Resp: 1019496
 Ion Ratio Lower Upper
 149 100
 91 76.3 60.1 90.1
 206 21.0 16.8 25.2





#81
Benzo(a)anthracene
Concen: 44.692 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

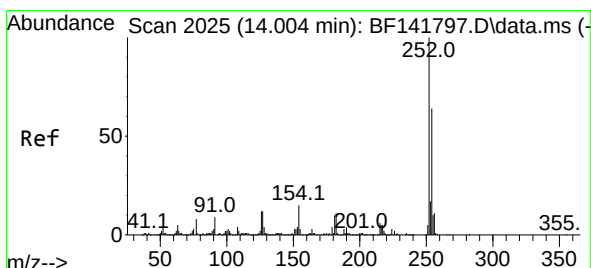
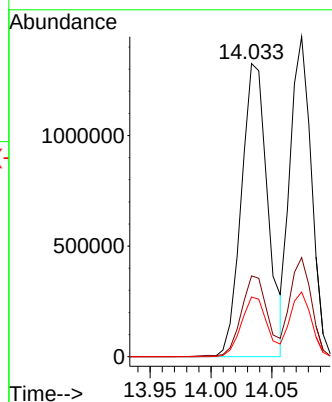
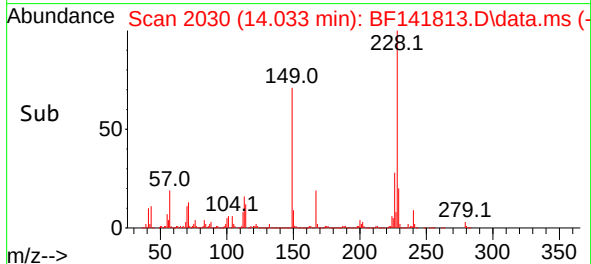
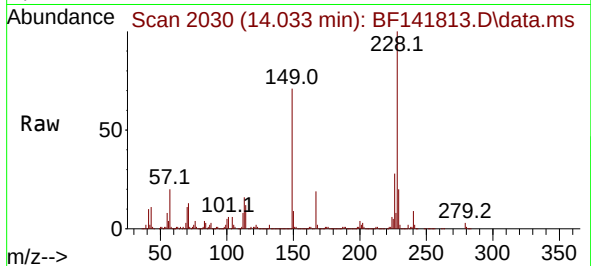
PB166948BS

Tgt Ion:228 Resp: 1999825
Ion Ratio Lower Upper
228 100
226 27.6 22.1 33.1
229 20.3 16.1 24.1

Manual Integrations

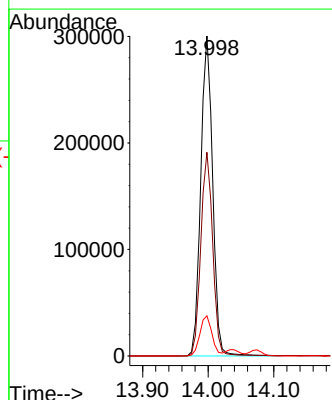
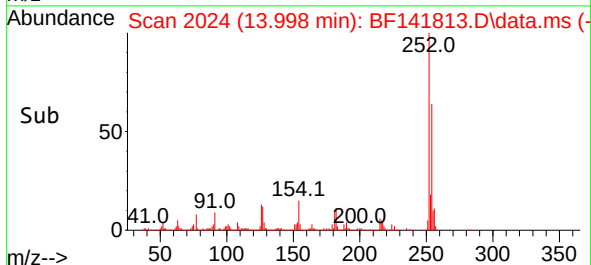
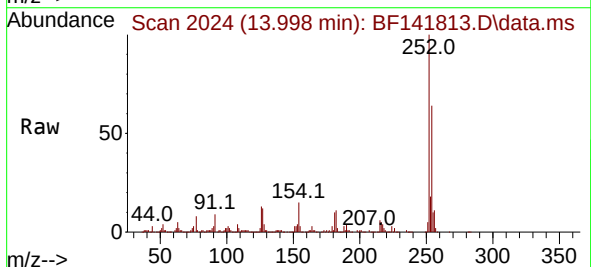
APPROVED

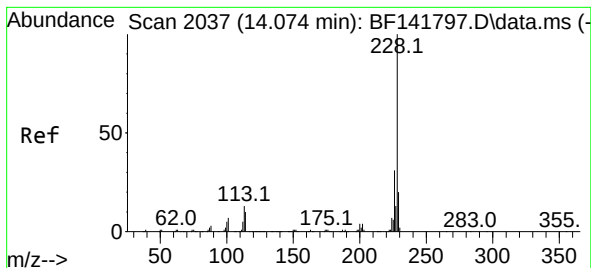
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#82
3,3'-Dichlorobenzidine
Concen: 29.645 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:252 Resp: 380589
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 12.6 9.8 14.6





#83

Chrysene

Concen: 42.659 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

Tgt Ion:228 Resp: 1759614

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

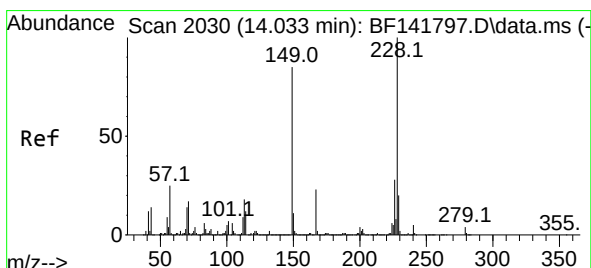
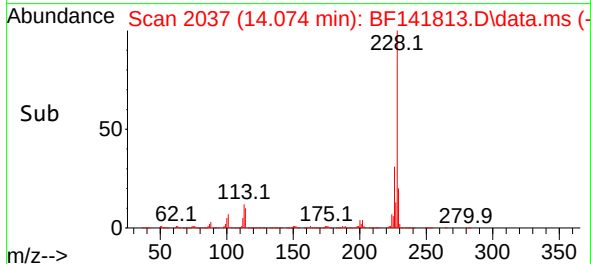
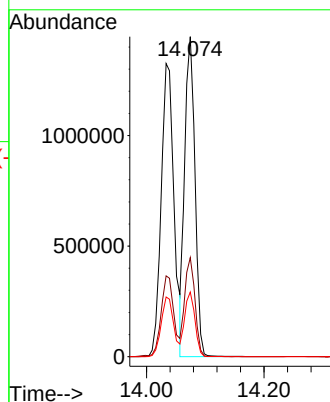
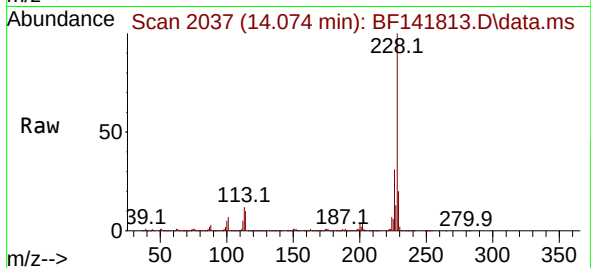
229 20.2 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Anahy Claudio 03/04/2025

Supervised By :Jagrut Upadhyay 03/04/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.535 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

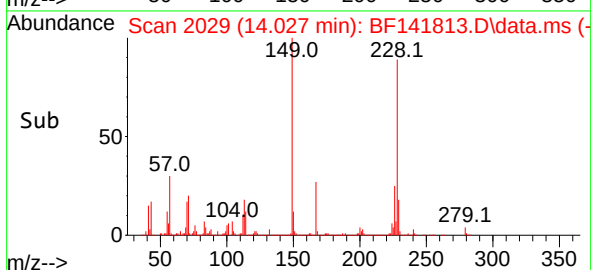
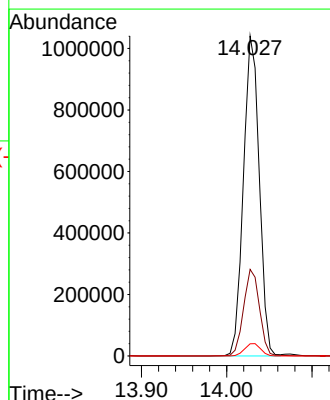
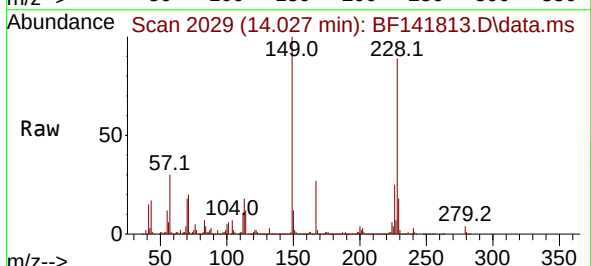
Tgt Ion:149 Resp: 1341149

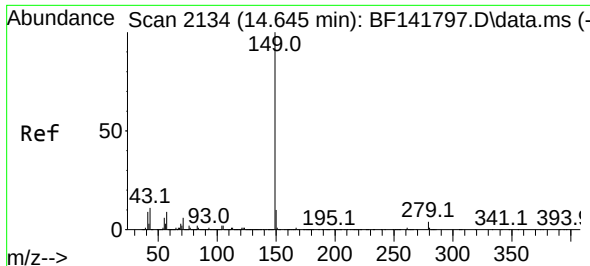
Ion Ratio Lower Upper

149 100

167 27.0 21.2 31.8

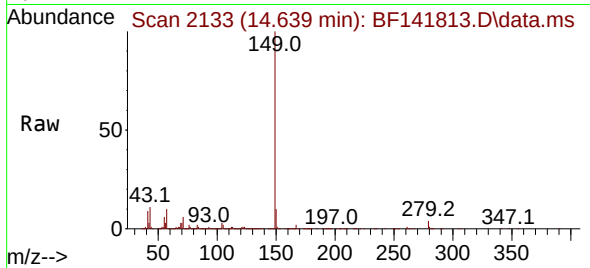
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 48.966 ng
RT: 14.639 min Scan# 2133
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

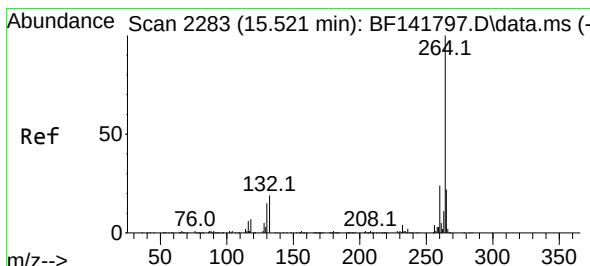
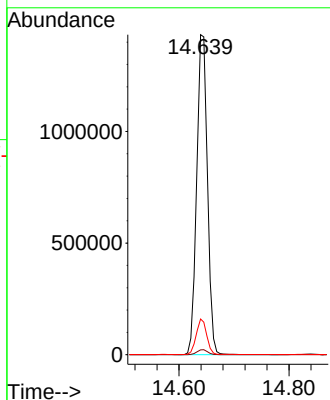
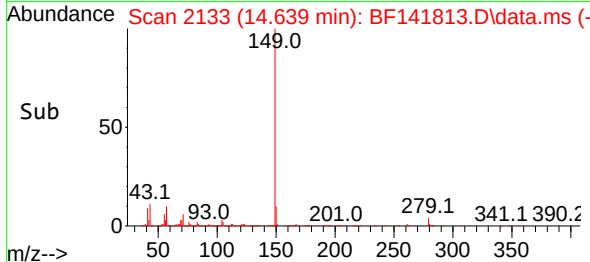
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:149 Resp: 1945518
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.8 8.6 12.8

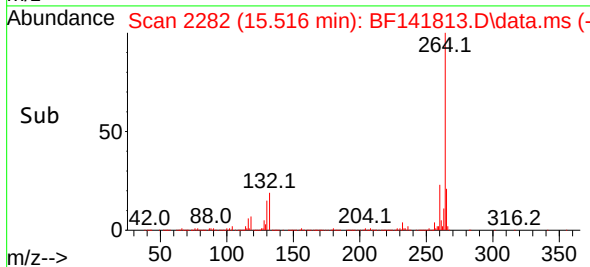
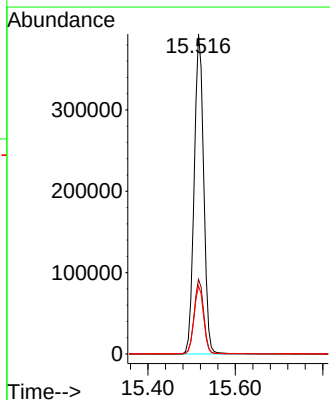
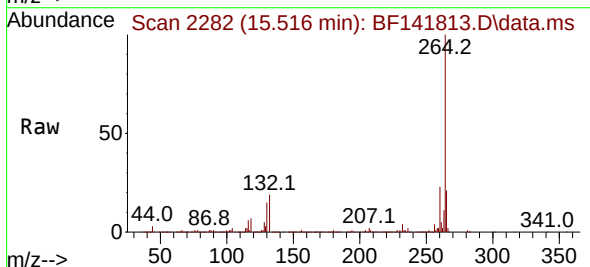
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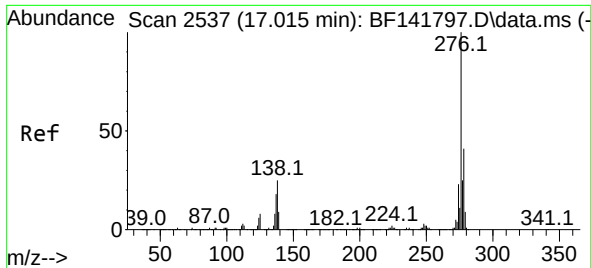
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:264 Resp: 595878
Ion Ratio Lower Upper
264 100
260 23.3 18.9 28.3
265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.006 ng
RT: 17.010 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

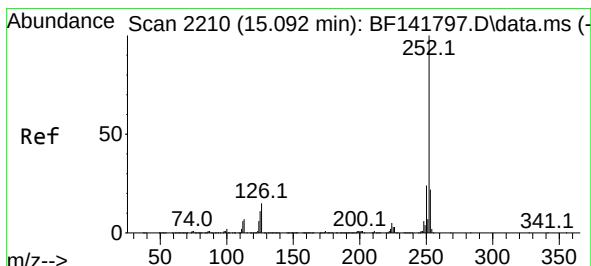
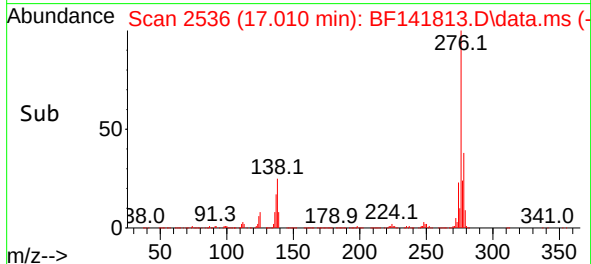
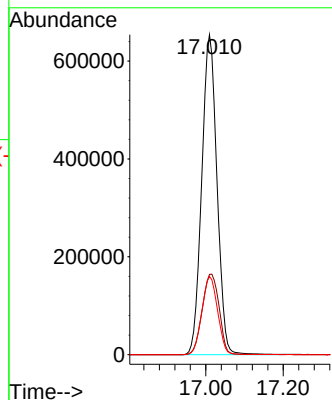
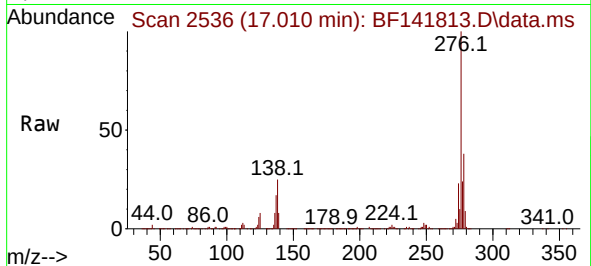
PB166948BS

Tgt Ion:276 Resp: 1783584
Ion Ratio Lower Upper
276 100
138 27.9 22.5 33.7
277 25.3 20.3 30.5

Manual Integrations

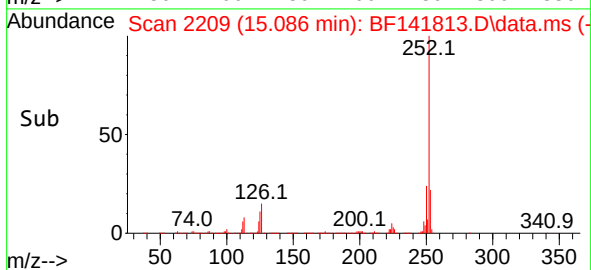
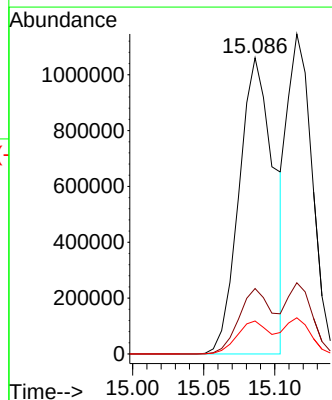
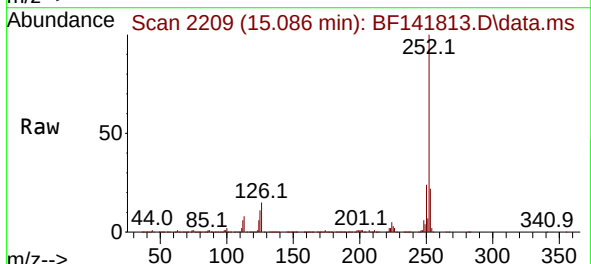
APPROVED

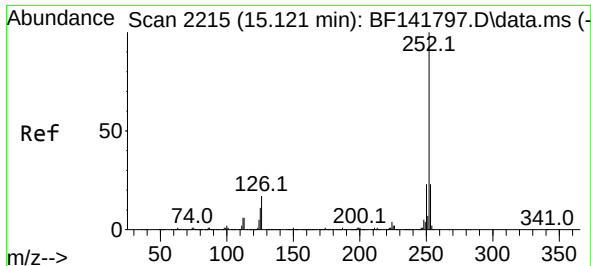
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#88
Benzo(b)fluoranthene
Concen: 44.547 ng
RT: 15.086 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

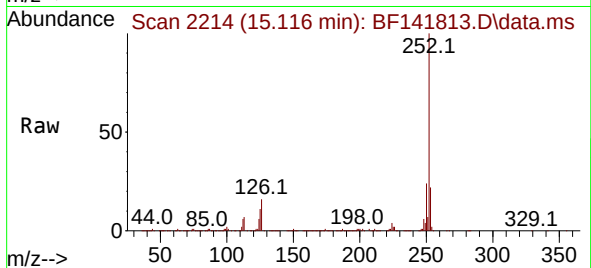
Tgt Ion:252 Resp: 1808141
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.1 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 40.445 ng
RT: 15.116 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

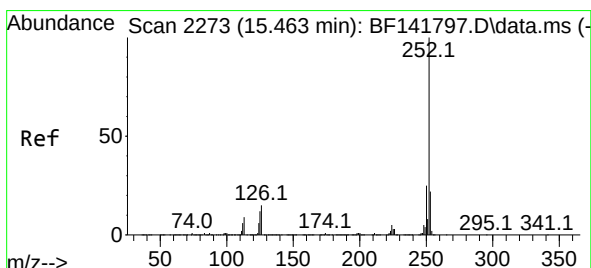
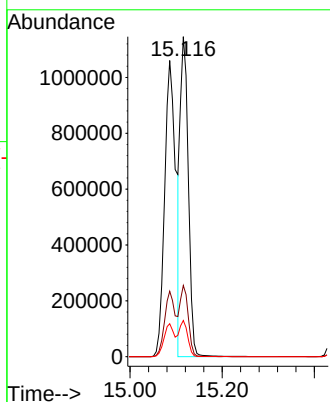
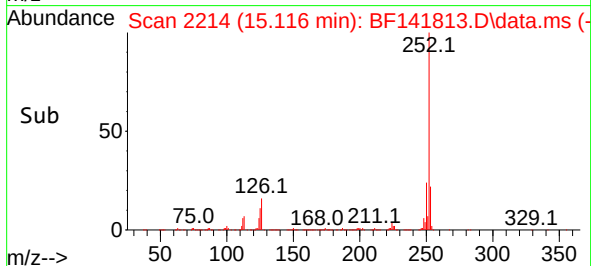
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:252 Resp: 1395324
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 11.3 8.8 13.2

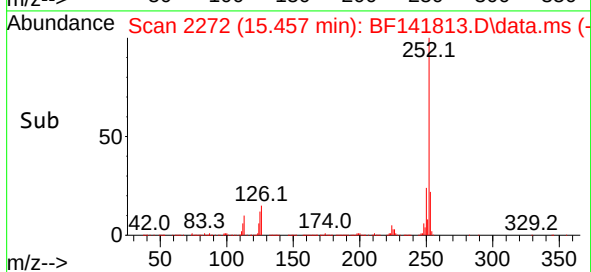
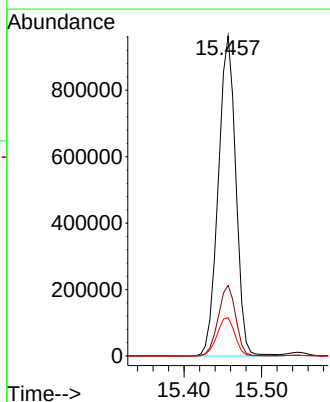
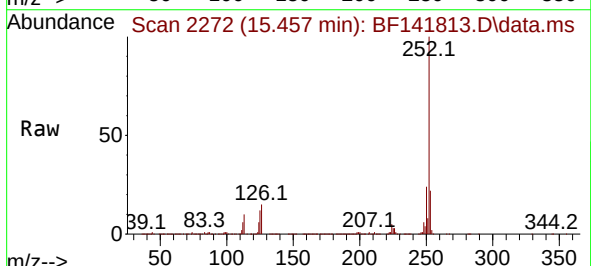
Manual Integrations
APPROVED

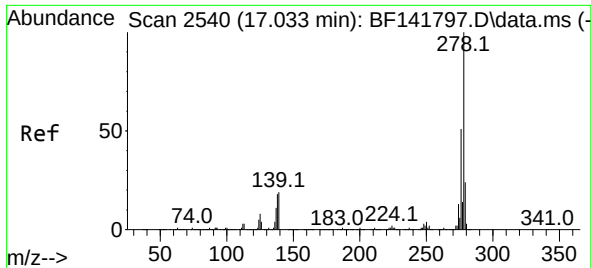
Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#90
Benzo(a)pyrene
Concen: 46.462 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

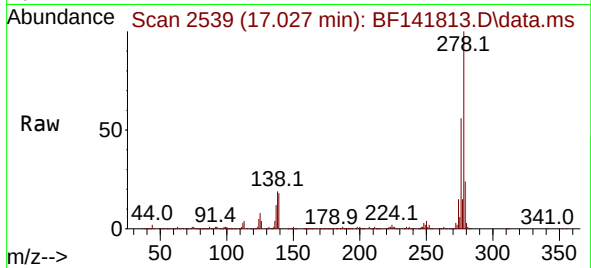
Tgt Ion:252 Resp: 1512456
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.0 9.4 14.2





#91
Dibenzo(a,h)anthracene
Concen: 46.309 ng
RT: 17.027 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

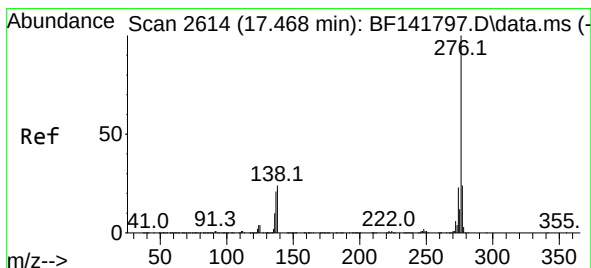
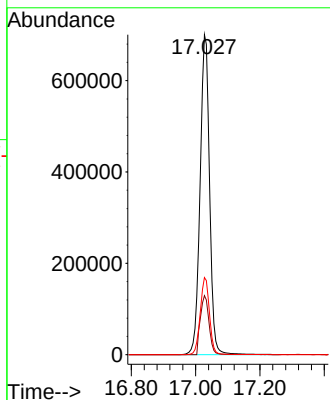
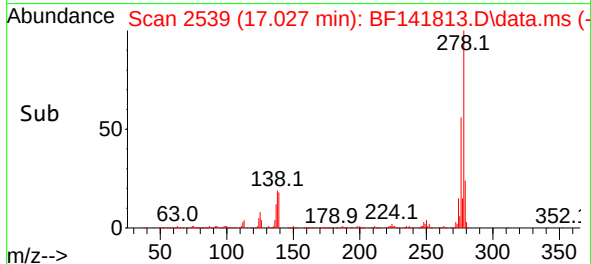
Instrument :
BNA_F
ClientSampleId :
PB166948BS



Tgt Ion:278 Resp: 1434269
Ion Ratio Lower Upper
278 100
139 18.4 14.9 22.3
279 24.1 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Anahy Claudio 03/04/2025
Supervised By :Jagrut Upadhyay 03/04/2025



#92
Benzo(g,h,i)perylene
Concen: 43.663 ng
RT: 17.462 min Scan# 2613
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Tgt Ion:276 Resp: 1385400
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.0
138 23.8 19.3 28.9

