

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

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	144319	25.743	ng 99
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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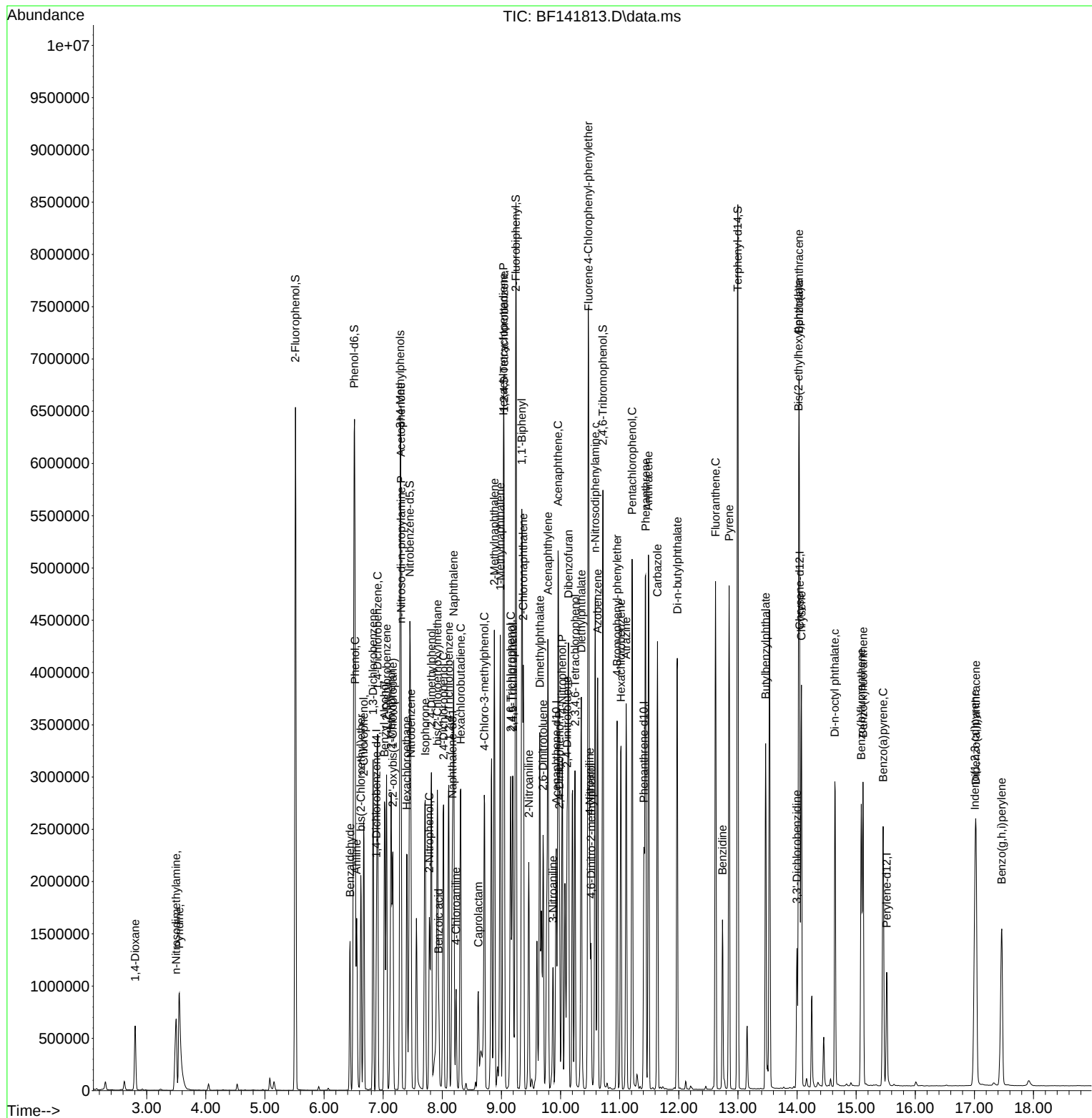
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	579602	44.410	ng	98
46) 1,1'-Biphenyl	9.345	154	2494106	46.381	ng	99
47) 2-Chloronaphthalene	9.369	162	1711660	43.126	ng	99
48) 2-Nitroaniline	9.463	65	518618	47.761	ng	99
49) Acenaphthylene	9.787	152	2677140	44.989	ng	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

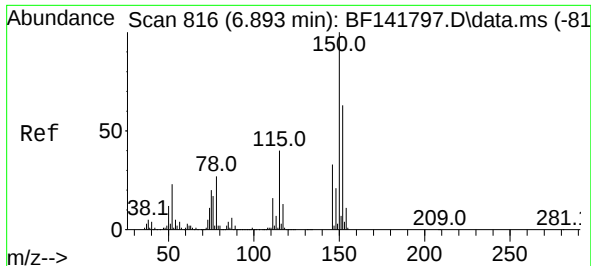
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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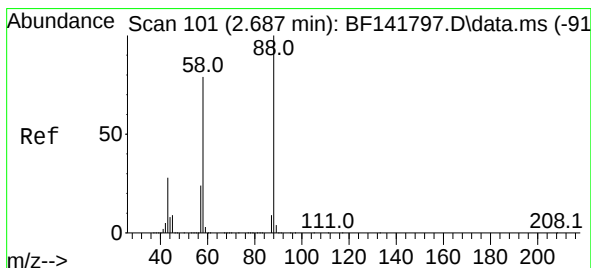
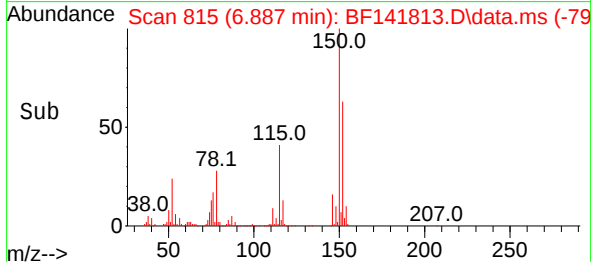
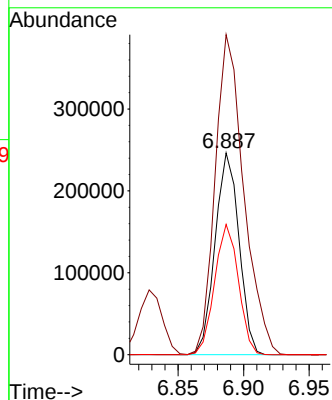
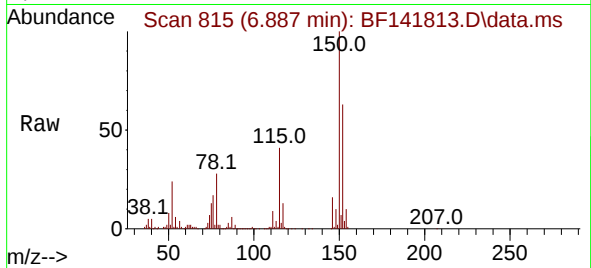




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

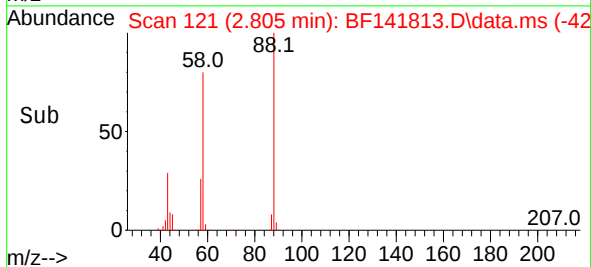
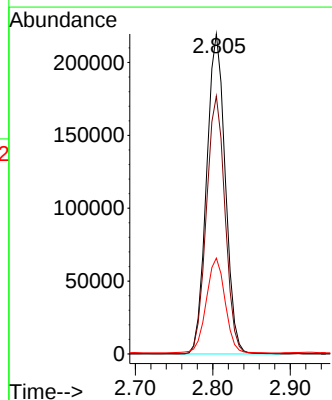
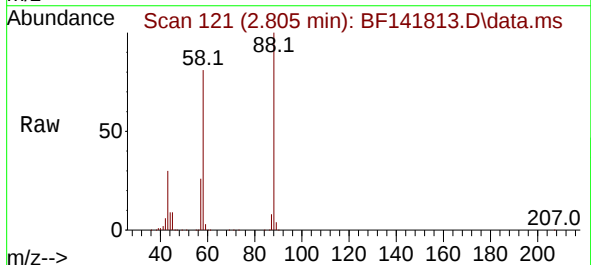
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ClientSampleId :
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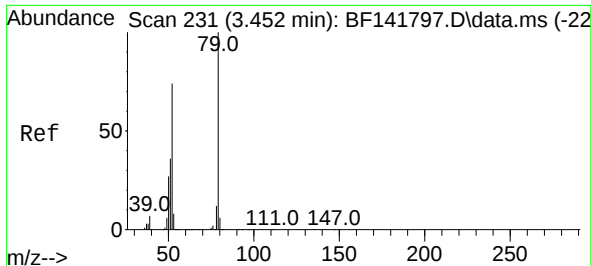
Tgt Ion:152 Resp: 312317
Ion Ratio Lower Upper
152 100
150 158.6 127.5 191.3
115 64.5 51.4 77.2



#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

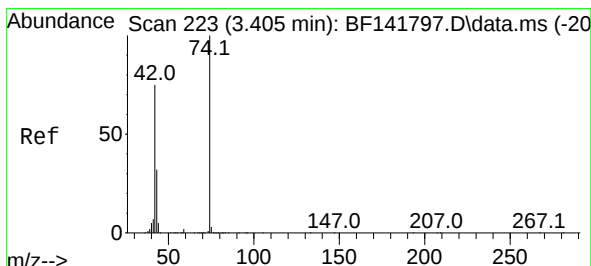
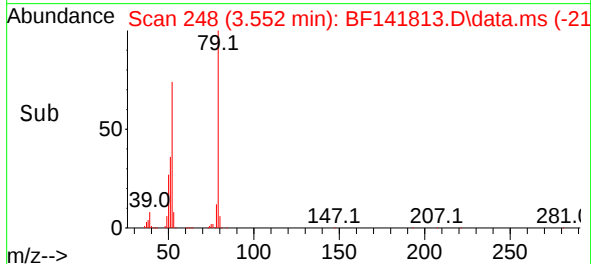
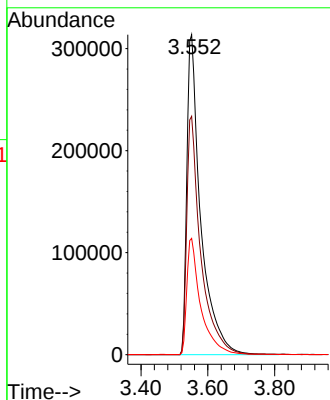
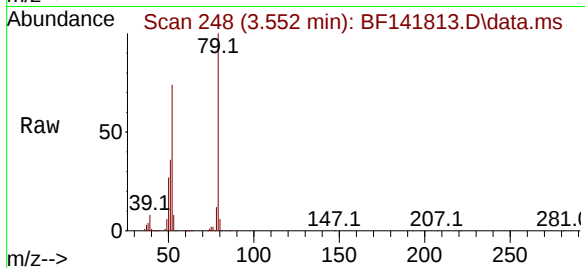




#3
Pyridine
Concen: 40.865 ng
RT: 3.552 min Scan# 241
Delta R.T. 0.100 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

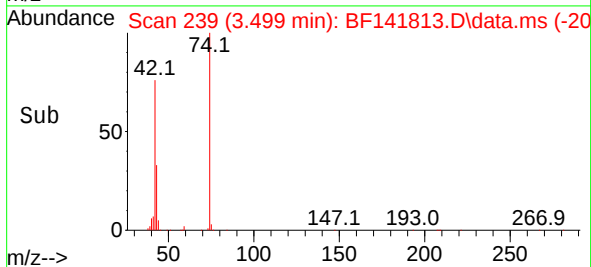
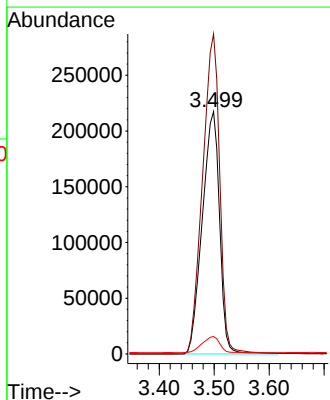
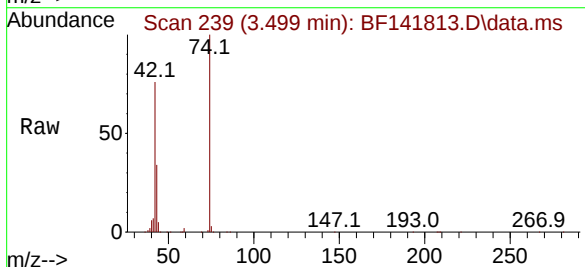
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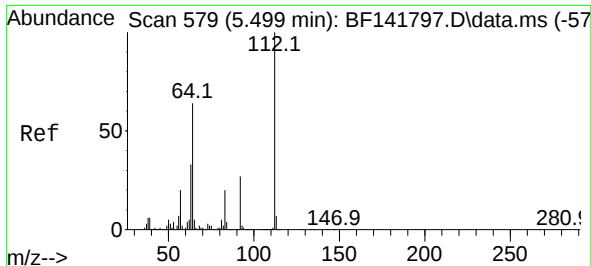
Tgt Ion: 79 Resp: 902244
Ion Ratio Lower Upper
79 100
52 74.5 59.0 88.4
51 36.3 29.0 43.4



#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

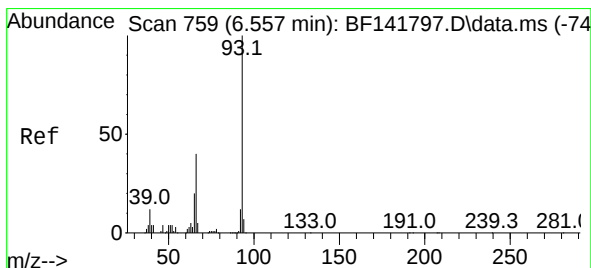
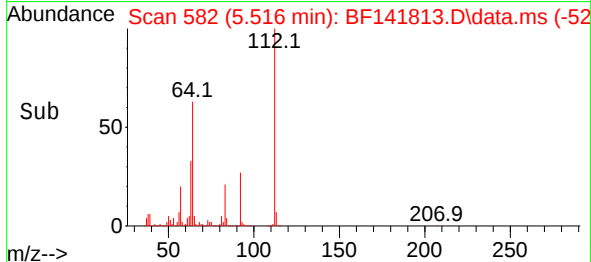
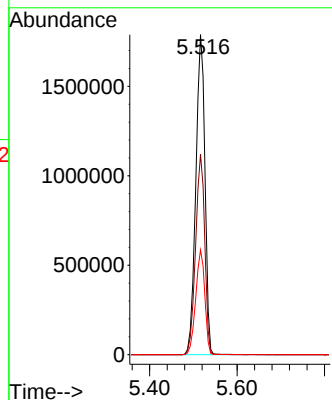
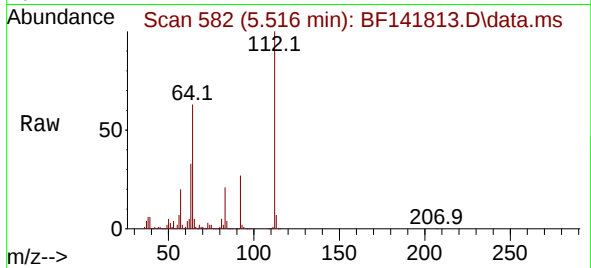




#5
 2-Fluorophenol
 Concen: 133.119 ng
 RT: 5.516 min Scan# 51
 Delta R.T. 0.018 min
 Lab File: BF141813.D
 Acq: 03 Mar 2025 15:15

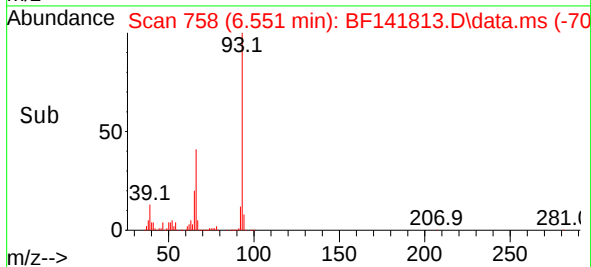
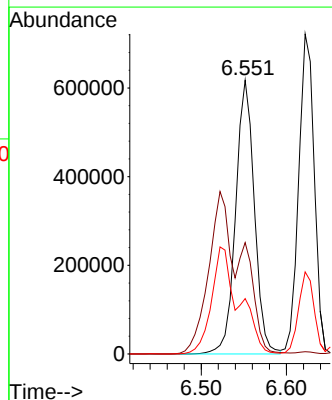
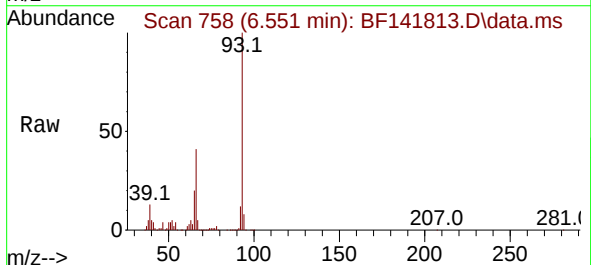
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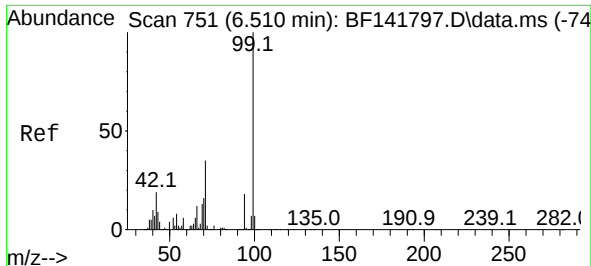
Tgt Ion:112 Resp: 2603354
 Ion Ratio Lower Upper
 112 100
 64 62.7 51.3 76.9
 63 32.7 26.2 39.4



#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

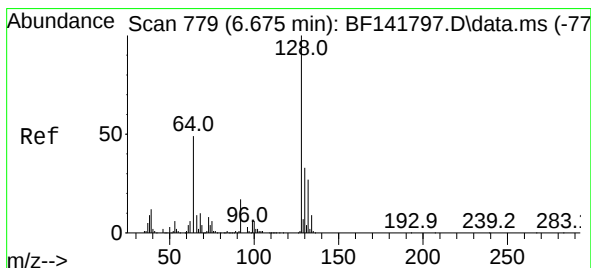
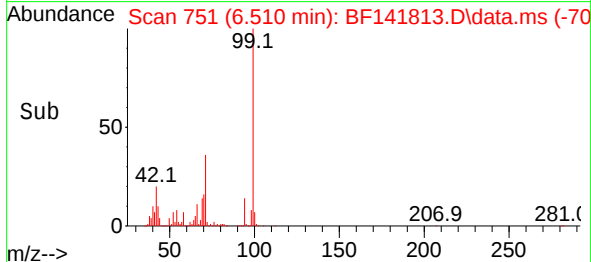
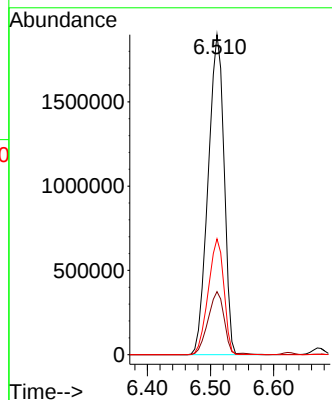
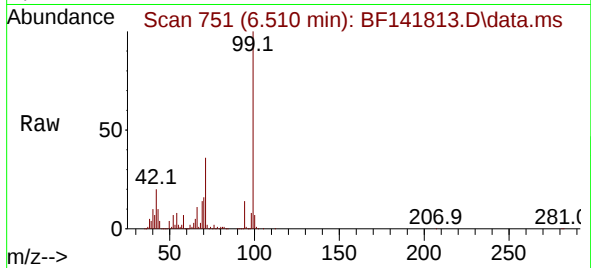




#7
Phenol-d6
Concen: 130.823 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

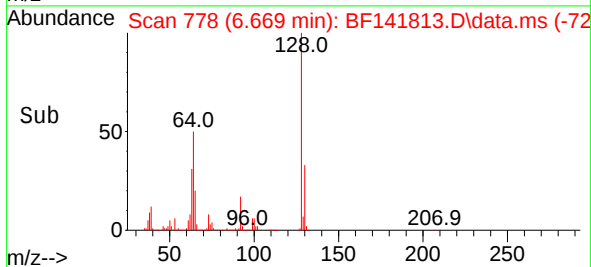
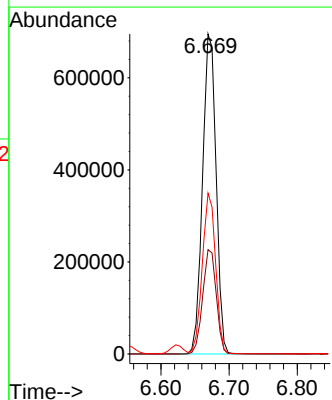
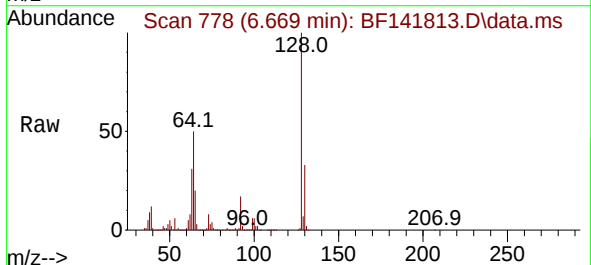
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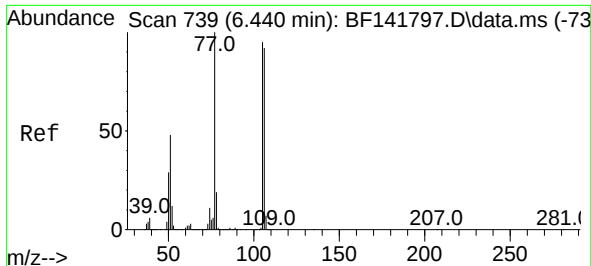
Tgt Ion: 99 Resp: 3330064
Ion Ratio Lower Upper
99 100
42 19.7 15.2 22.8
71 36.2 28.2 42.2



#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

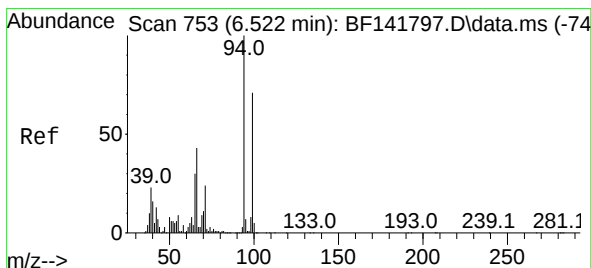
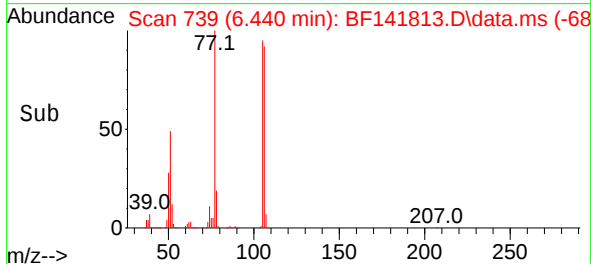
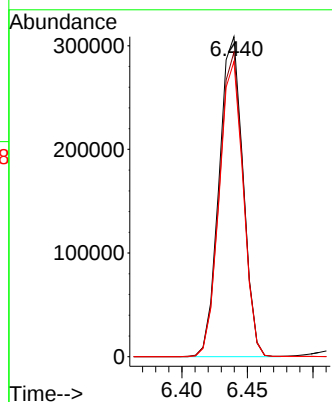
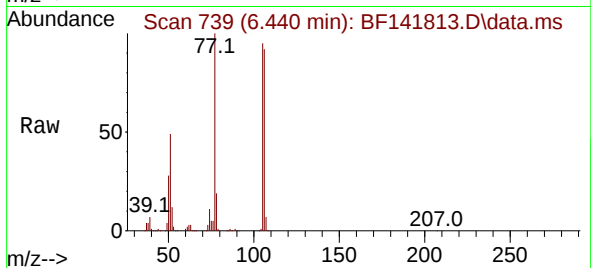




#9
Benzaldehyde
Concen: 26.380 ng
RT: 6.440 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

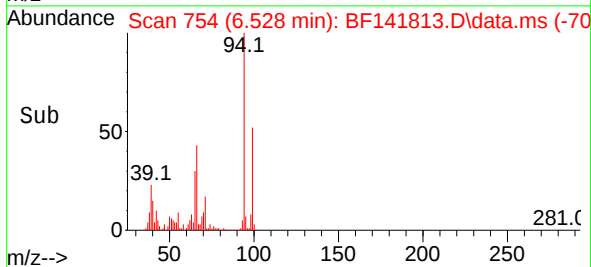
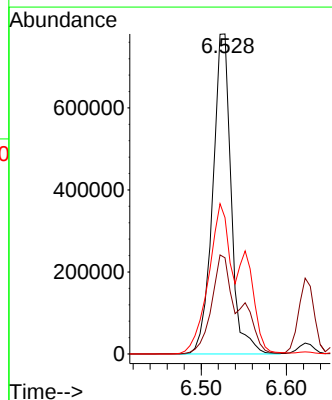
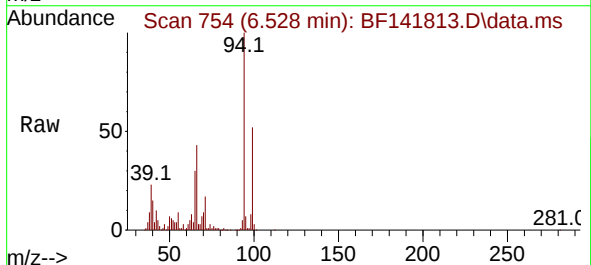
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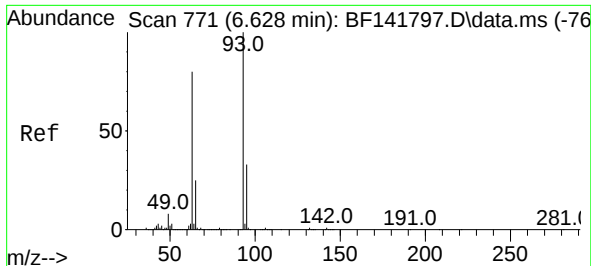
Tgt Ion: 77 Resp: 390599
Ion Ratio Lower Upper
77 100
105 95.1 75.3 115.3
106 92.3 72.3 112.3



#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

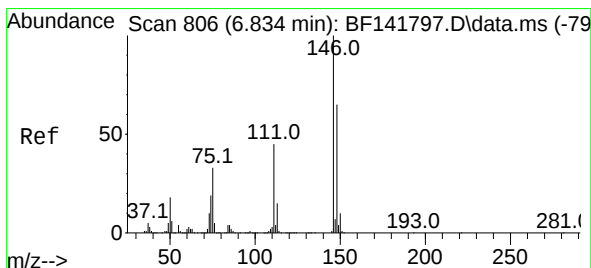
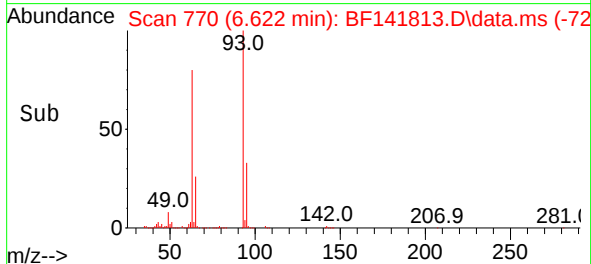
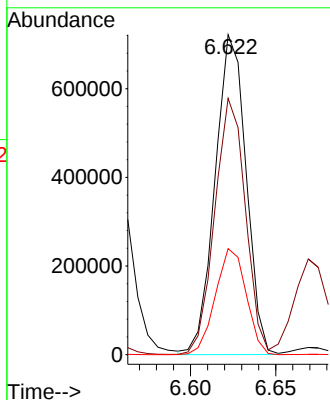
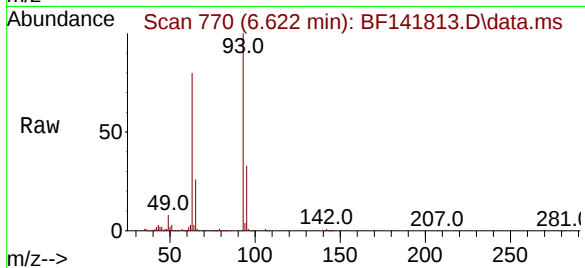




#11
bis(2-Chloroethyl)ether
Concen: 44.111 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

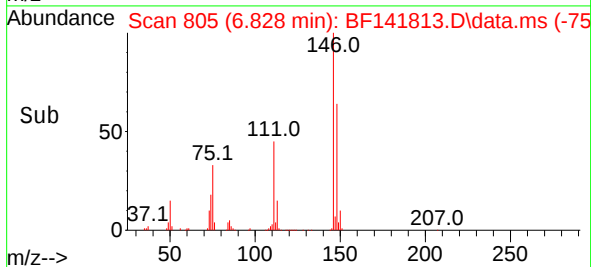
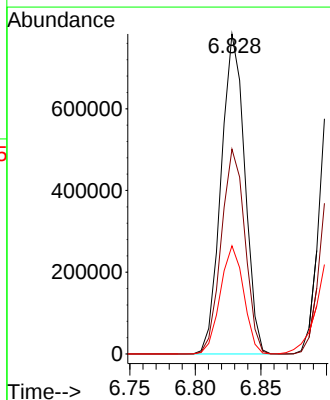
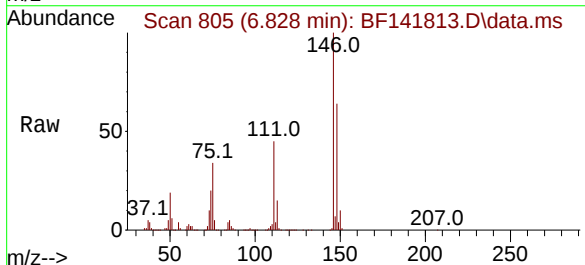
Instrument :
BNA_F
ClientSampleId :
PB166948BS

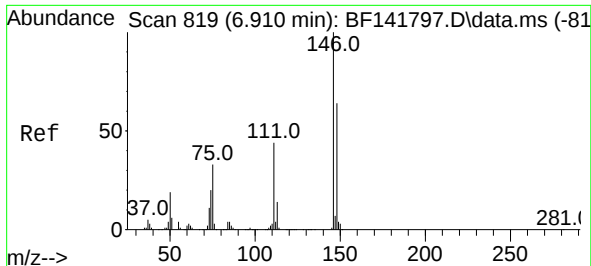
Tgt Ion: 93 Resp: 914590
Ion Ratio Lower Upper
93 100
63 80.1 59.3 99.3
95 33.2 13.2 53.2



#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

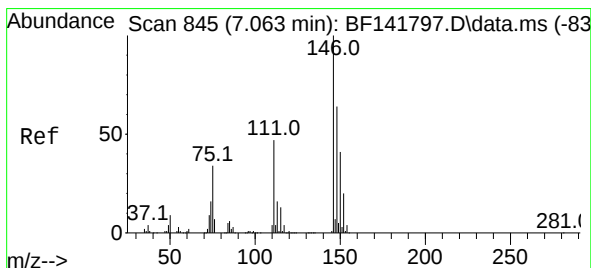
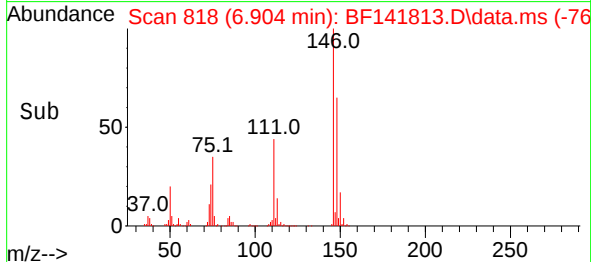
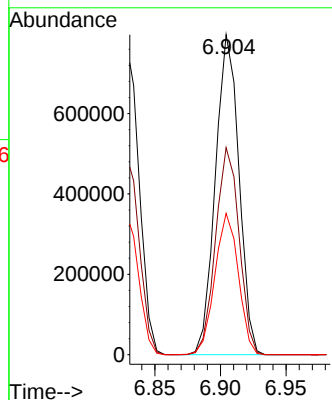
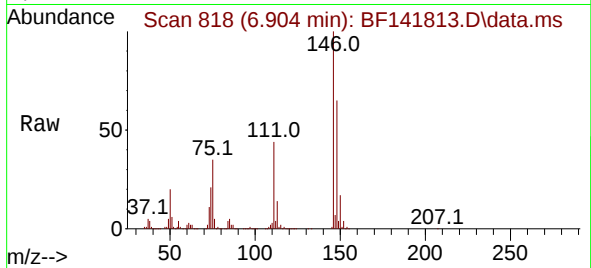




#13
1,4-Dichlorobenzene
Concen: 43.551 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

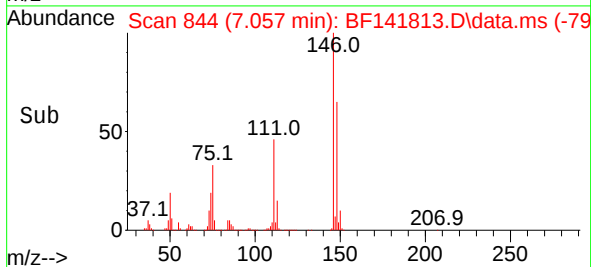
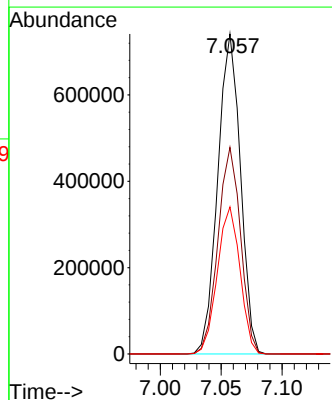
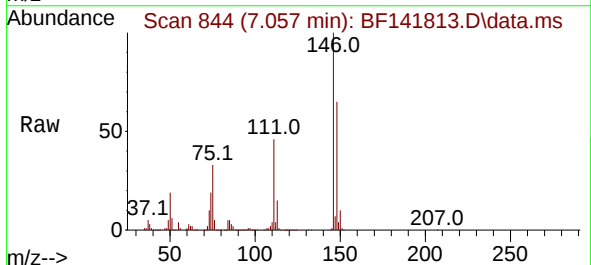
Instrument :
BNA_F
ClientSampleId :
PB166948BS

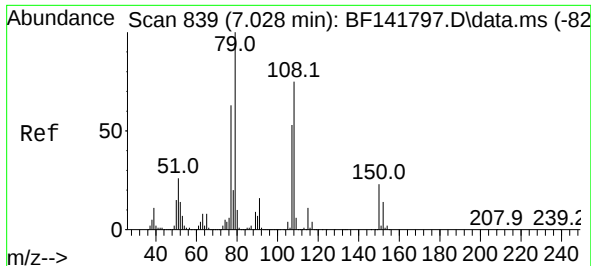
Tgt Ion:146 Resp: 994174
Ion Ratio Lower Upper
146 100
148 64.7 51.4 77.2
111 44.2 35.5 53.3



#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

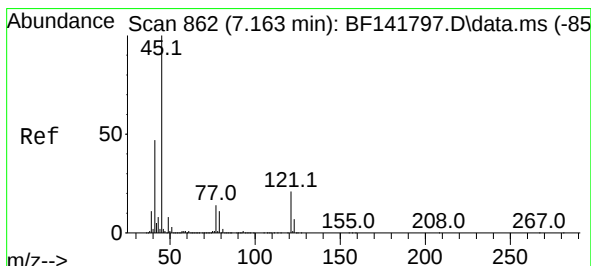
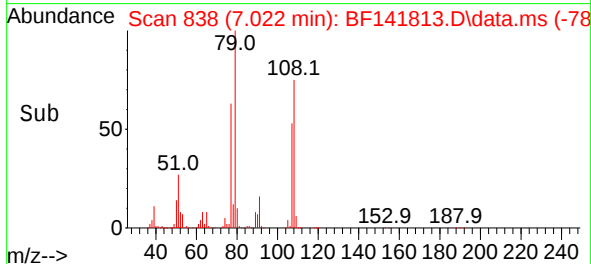
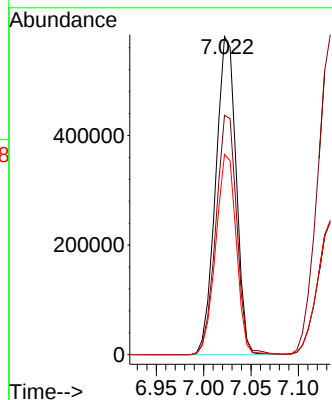
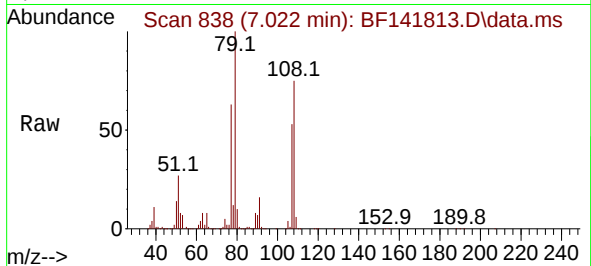




#15
Benzyl Alcohol
Concen: 42.956 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

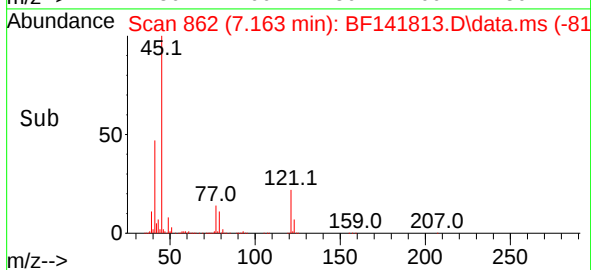
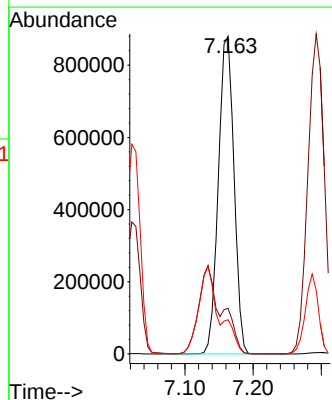
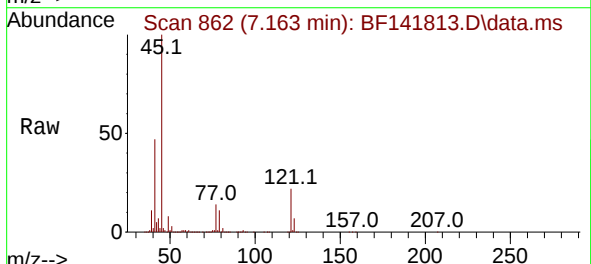
Instrument :
BNA_F
ClientSampleId :
PB166948BS

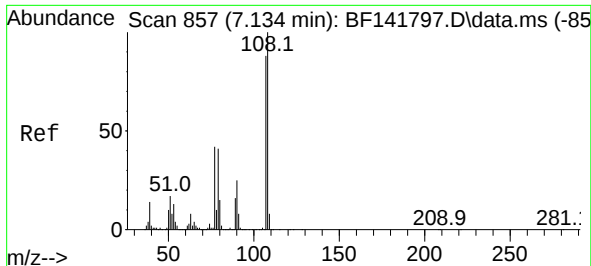
Tgt Ion: 79 Resp: 873873
Ion Ratio Lower Upper
79 100
108 75.3 60.2 90.2
77 63.0 50.2 75.2



#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



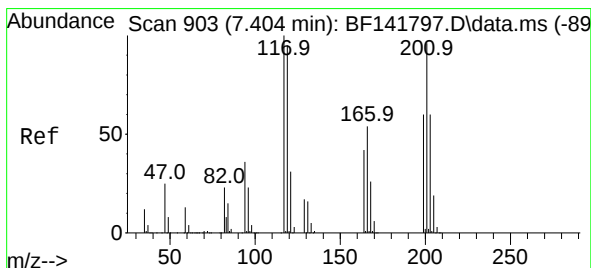
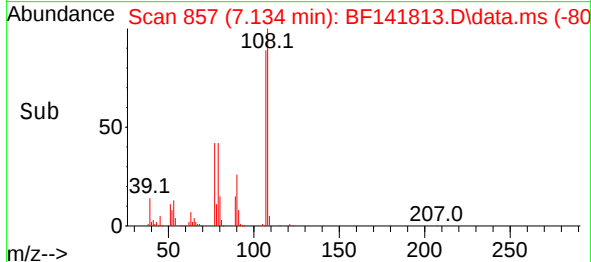
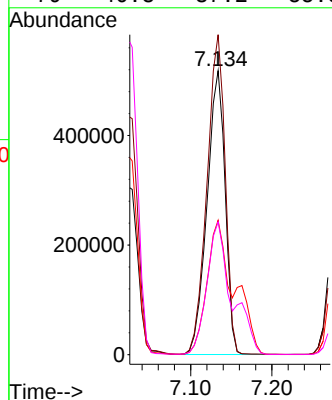
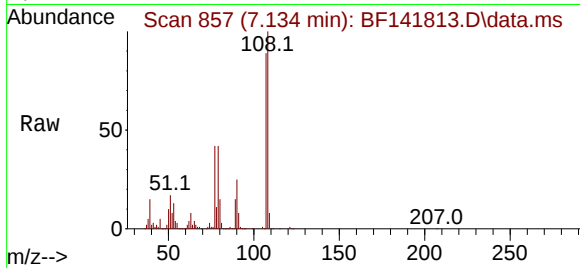


#17
2-Methylphenol
Concen: 45.895 ng
RT: 7.134 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :
BNA_F
ClientSampleId :
PB166948BS

Tgt Ion:107 Resp: 801441

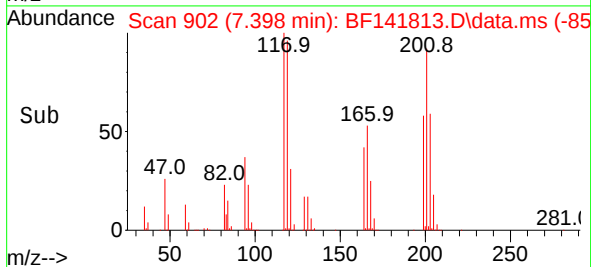
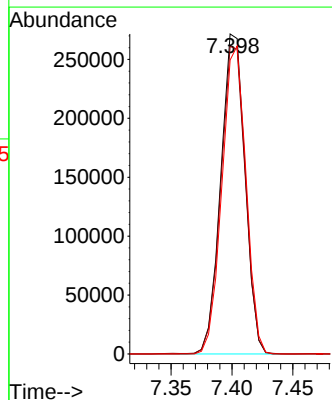
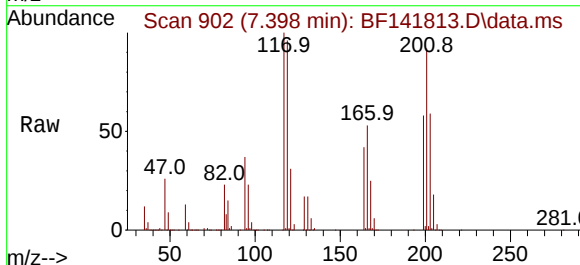
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	135.8
77	47.3	37.7	56.5
79	46.8	37.2	55.8

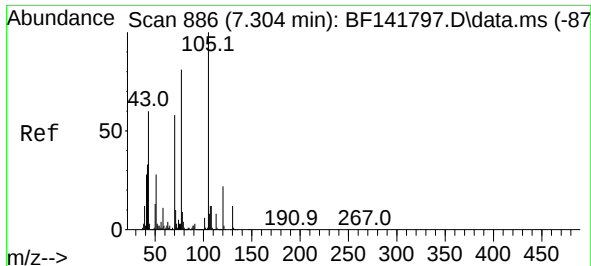


#18
Hexachloroethane
Concen: 44.154 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

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

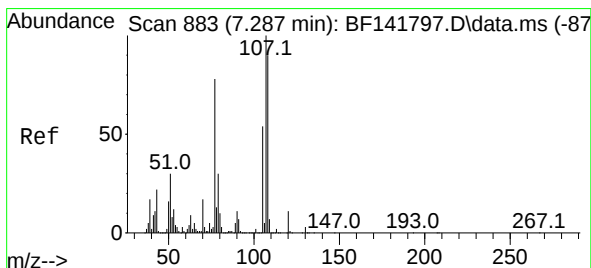
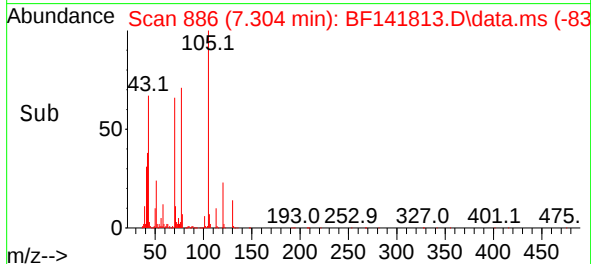
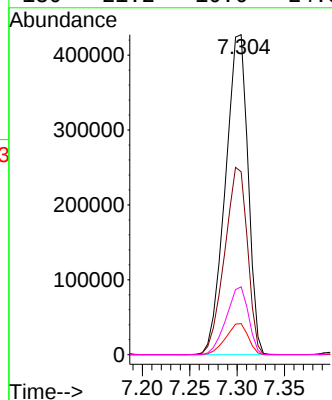
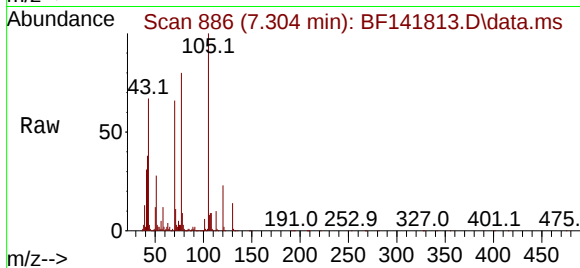
Ion Ratio Lower Upper

70 100

42 57.2 45.4 68.0

101 9.7 7.8 11.8

130 21.2 16.6 24.8



#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

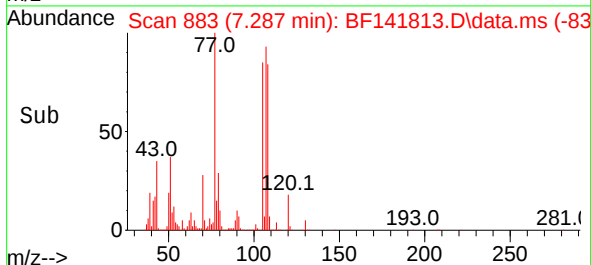
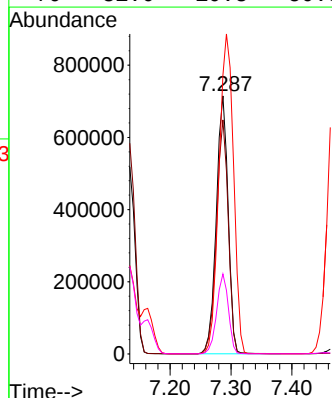
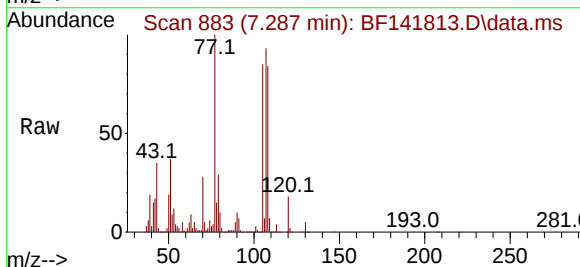
Ion Ratio Lower Upper

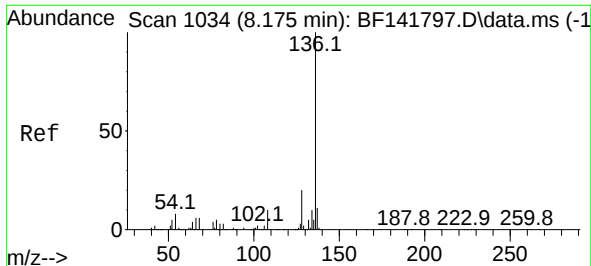
107 100

108 90.7 69.7 109.7

77 108.0 58.3 98.3#

79 31.0 10.3 50.3

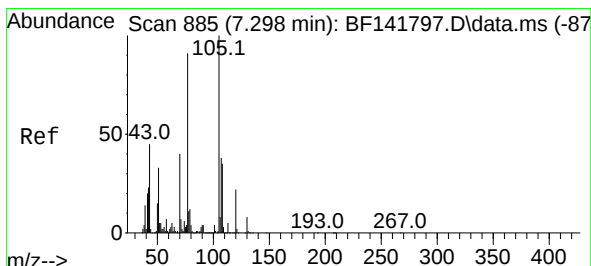
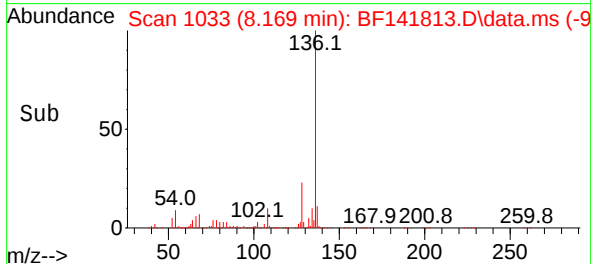
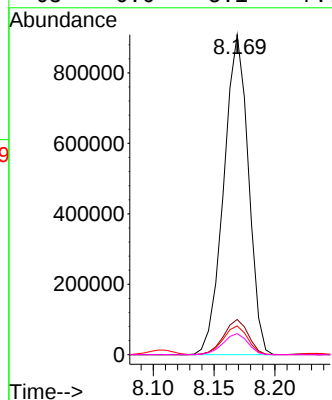
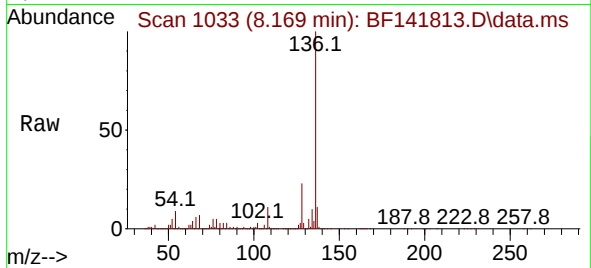




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

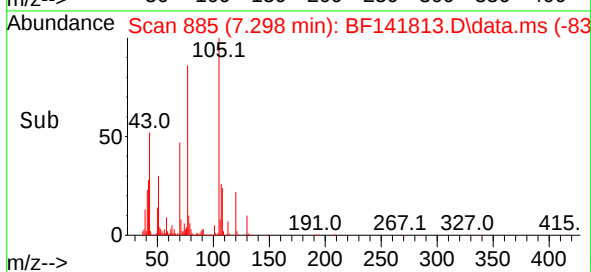
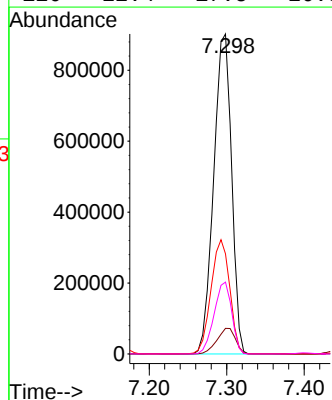
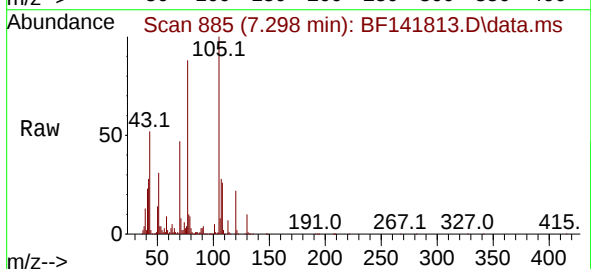
Instrument :
BNA_F
ClientSampleId :
PB166948BS

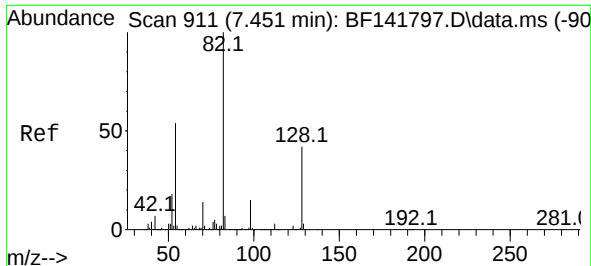
Tgt Ion:136 Resp: 1278557
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.0 6.9 10.3
68 6.6 5.1 7.7



#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 :

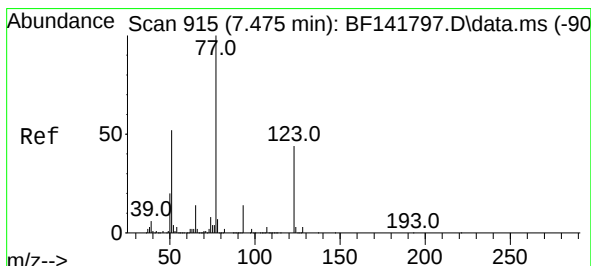
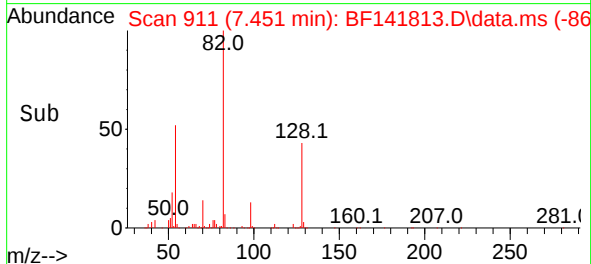
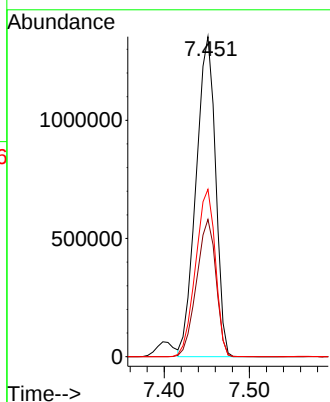
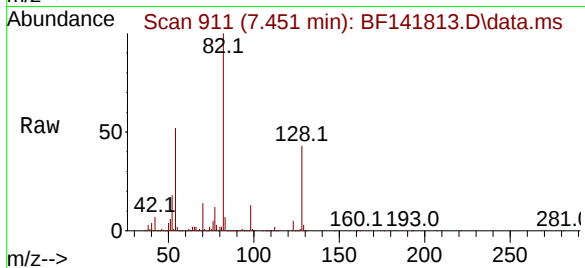
BNA_F

ClientSampleId :

PB166948BS

Tgt Ion: 82 Resp: 2151345

Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.5	50.3
54	52.3	42.7	64.1



#24

Nitrobenzene

Concen: 47.555 ng

RT: 7.469 min Scan# 914

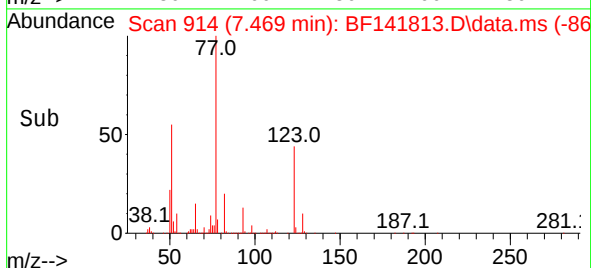
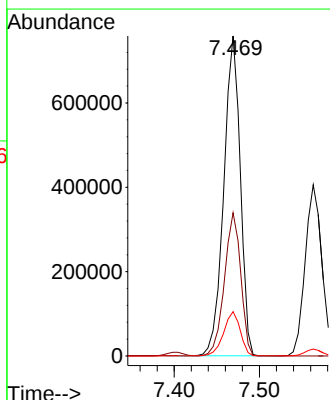
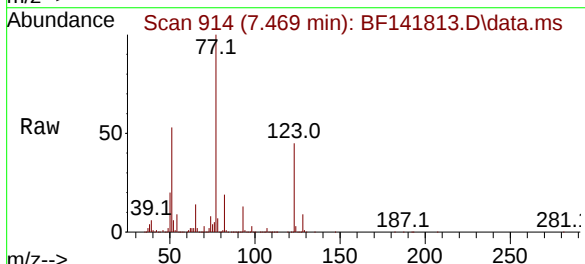
Delta R.T. -0.006 min

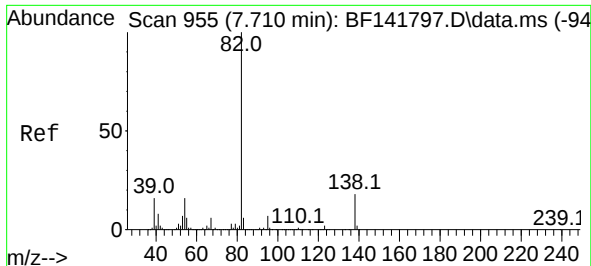
Lab File: BF141813.D

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# 955

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

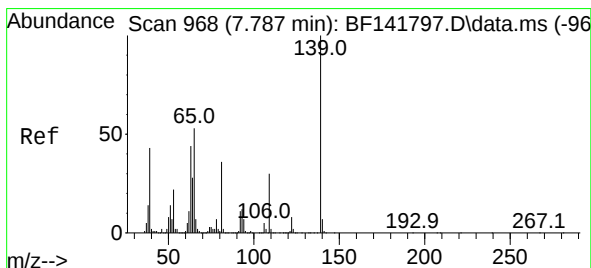
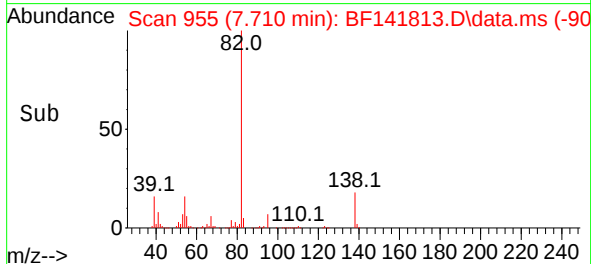
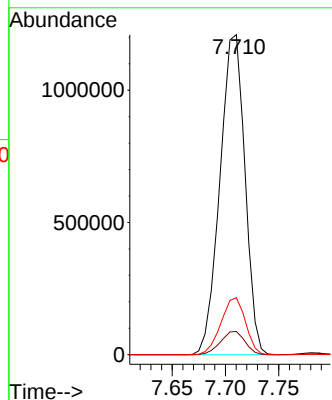
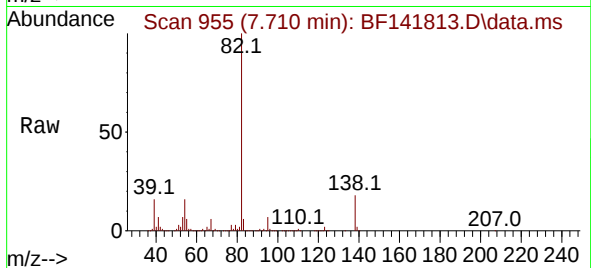
Tgt Ion: 82 Resp: 1972971

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

138 17.8 14.0 21.0



#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

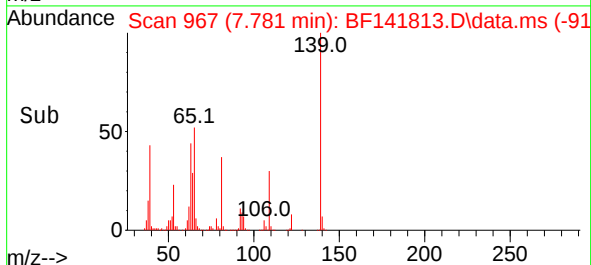
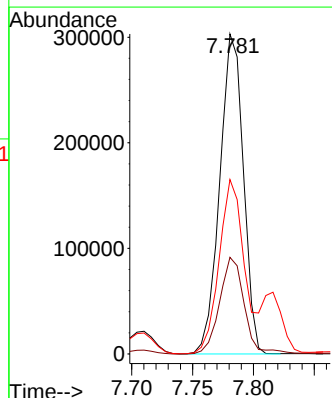
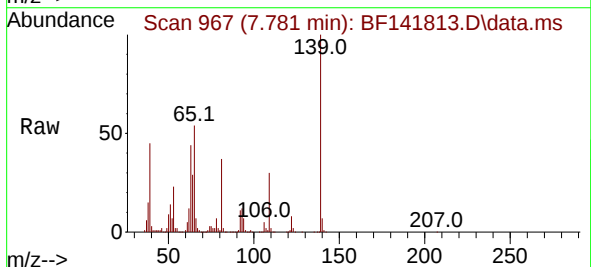
Tgt Ion:139 Resp: 409659

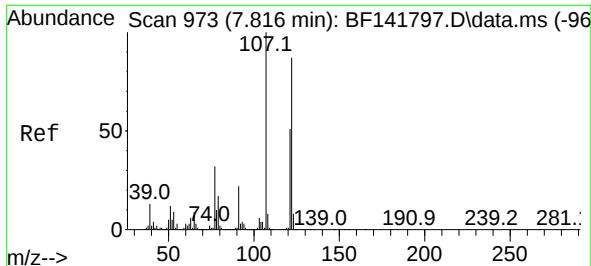
Ion Ratio Lower Upper

139 100

109 30.2 24.1 36.1

65 54.5 42.3 63.5

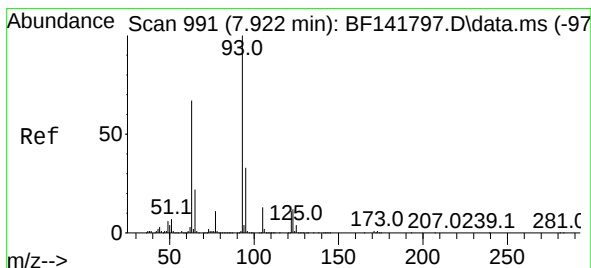
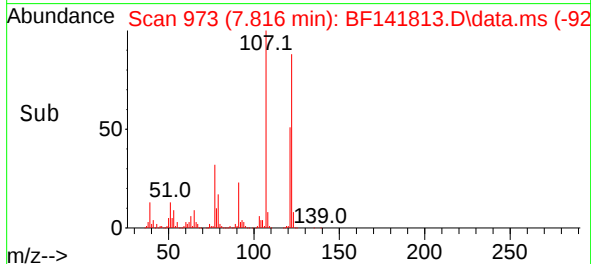
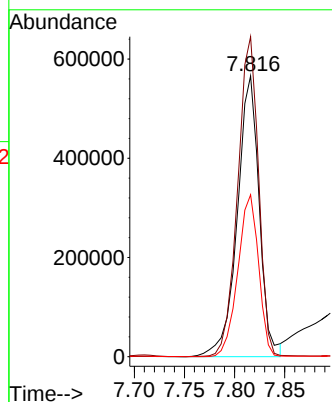
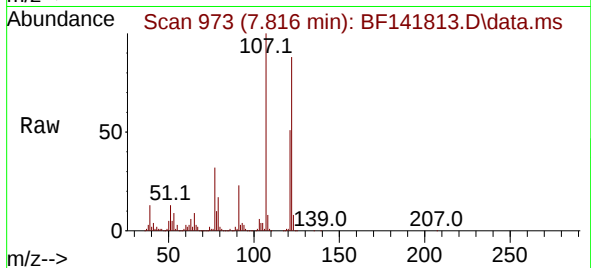




#27
2,4-Dimethylphenol
Concen: 54.627 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

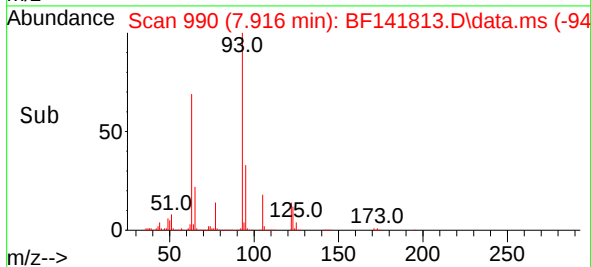
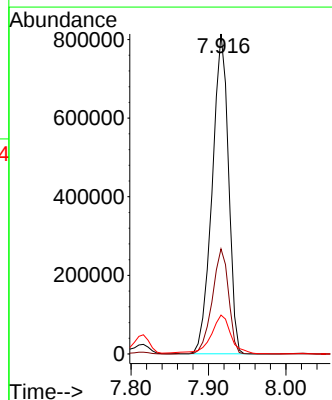
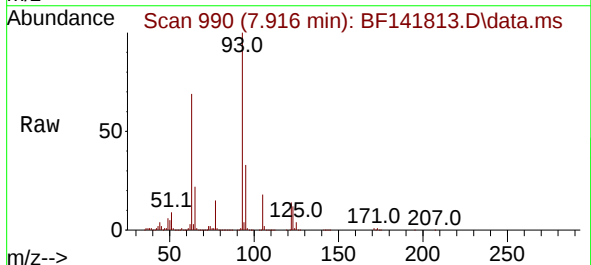
Instrument :
BNA_F
ClientSampleId :
PB166948BS

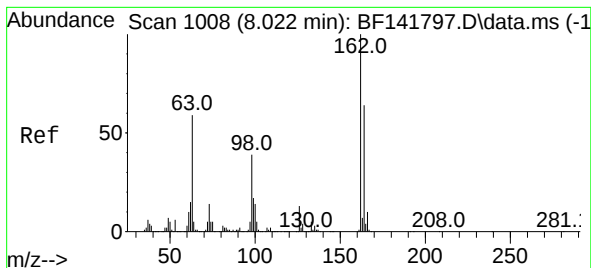
Tgt Ion:122 Resp: 862903
Ion Ratio Lower Upper
122 100
107 114.0 92.5 138.7
121 57.7 47.1 70.7



#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# 1

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

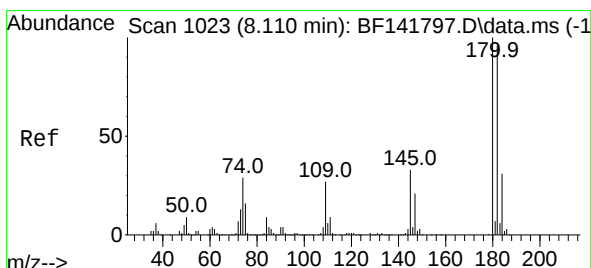
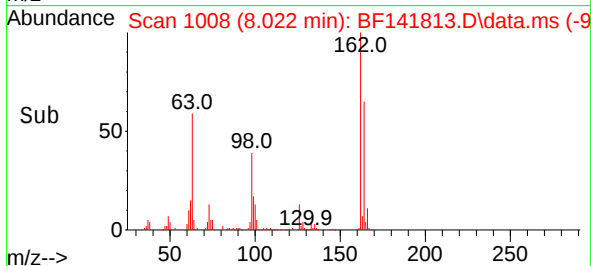
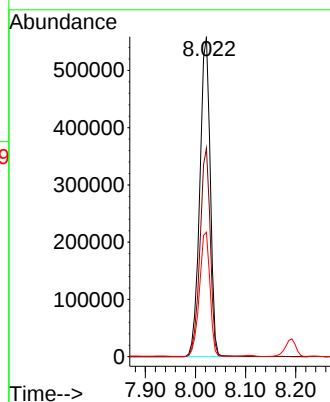
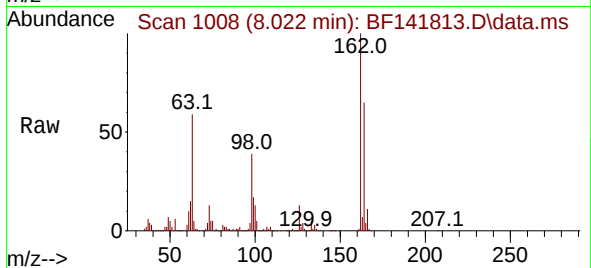
Tgt Ion:162 Resp: 806282

Ion Ratio Lower Upper

162 100

164 65.2 44.3 84.3

98 38.9 19.6 59.6



#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

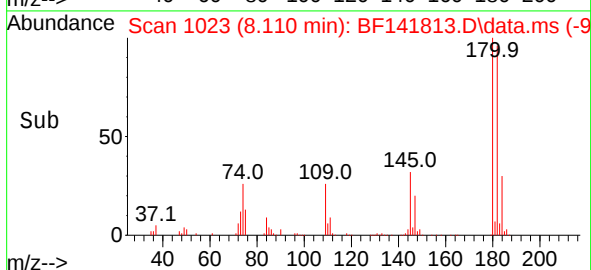
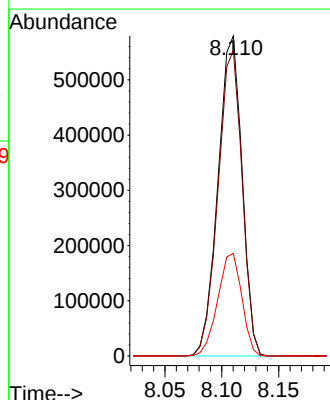
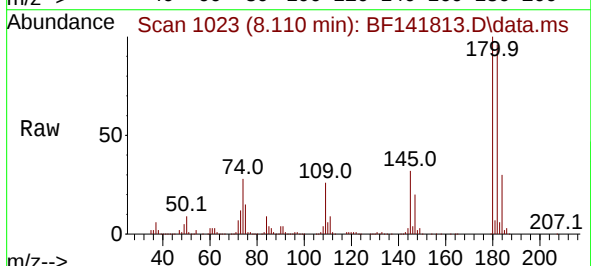
Tgt Ion:180 Resp: 852801

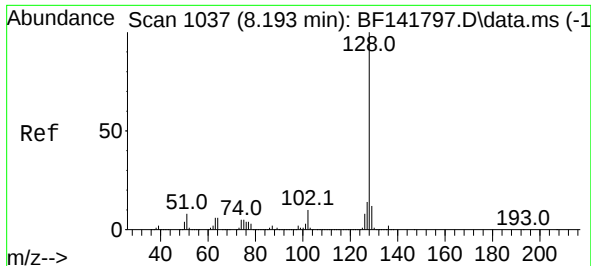
Ion Ratio Lower Upper

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

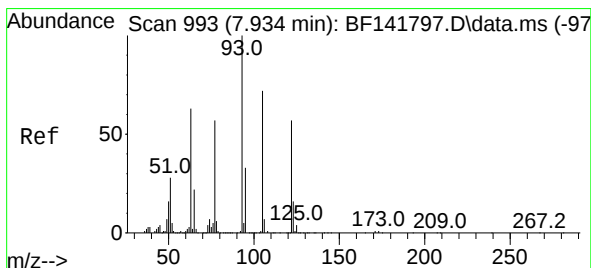
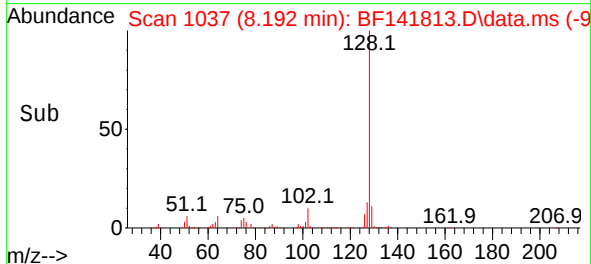
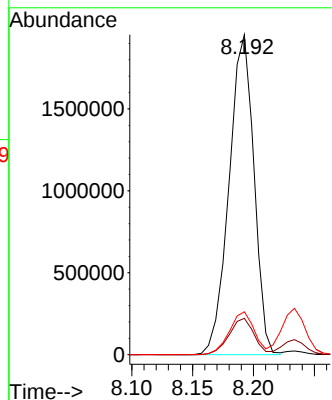
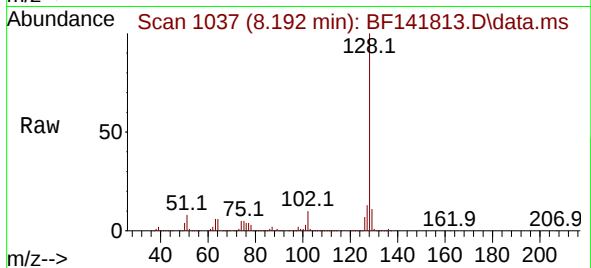
Tgt Ion:128 Resp: 2777062

Ion Ratio Lower Upper

128 100

129 11.4 9.2 13.8

127 13.4 11.0 16.4



#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

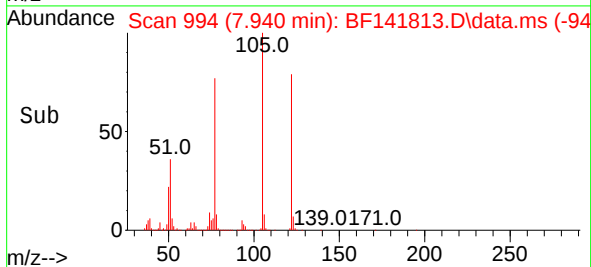
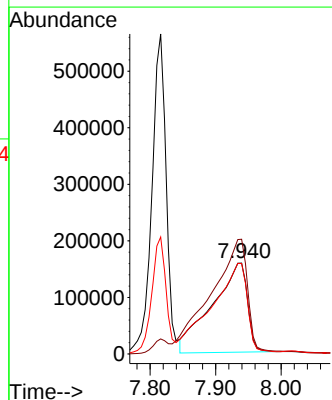
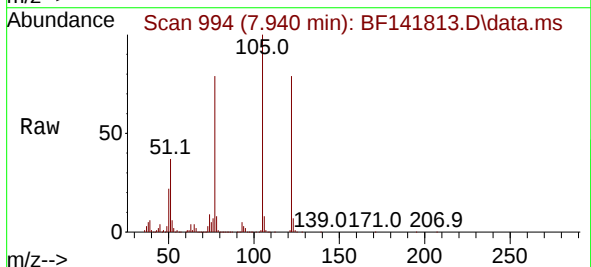
Tgt Ion:122 Resp: 589138

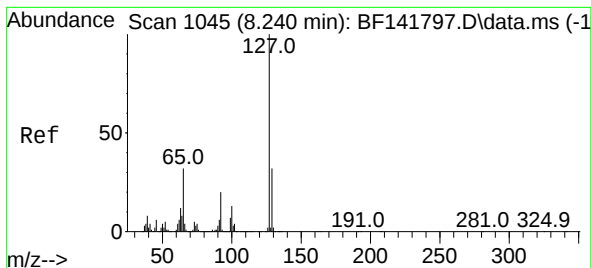
Ion Ratio Lower Upper

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

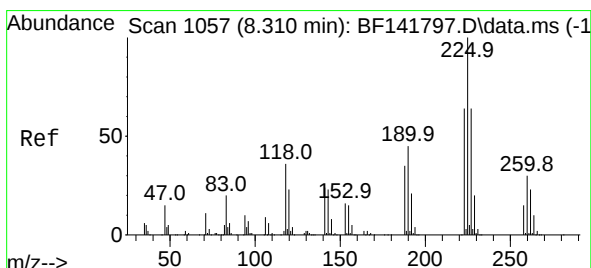
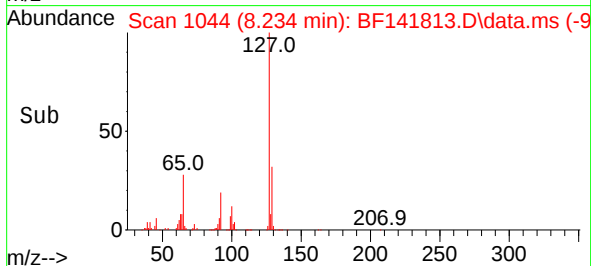
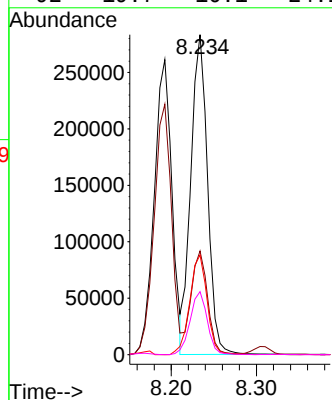
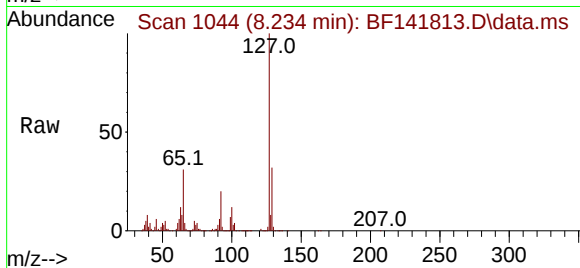
Ion Ratio Lower Upper

127 100

129 32.4 26.1 39.1

65 31.2 25.7 38.5

92 19.7 16.1 24.1



#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

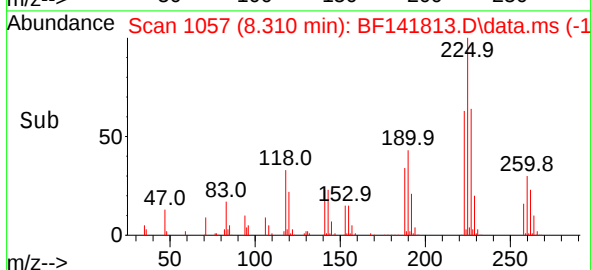
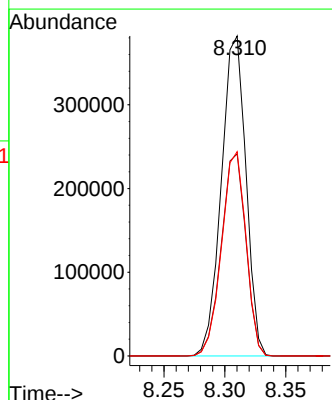
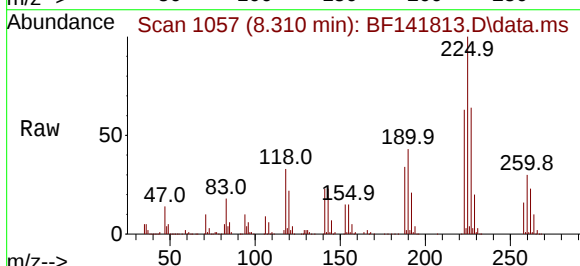
Tgt Ion:225 Resp: 537489

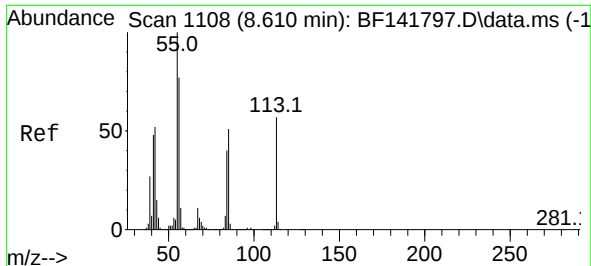
Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.2

227 63.9 51.6 77.4





#35

Caprolactam

Concen: 25.743 ng

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

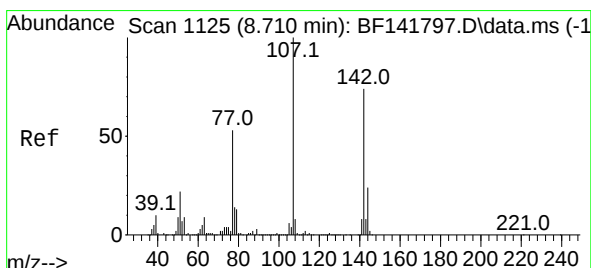
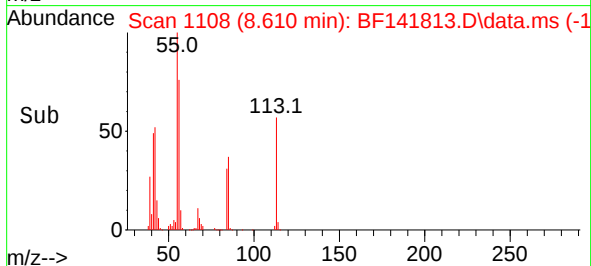
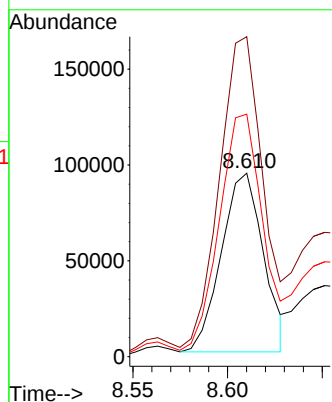
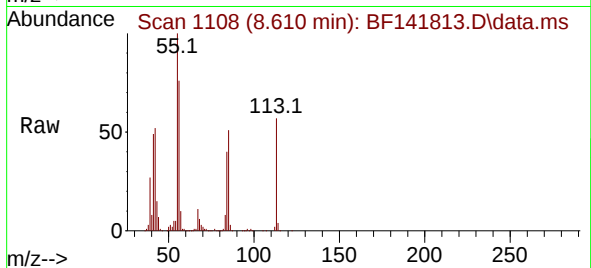
Tgt Ion:113 Resp: 144319

Ion Ratio Lower Upper

113 100

55 174.3 155.6 195.6

56 132.1 114.6 154.6



#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

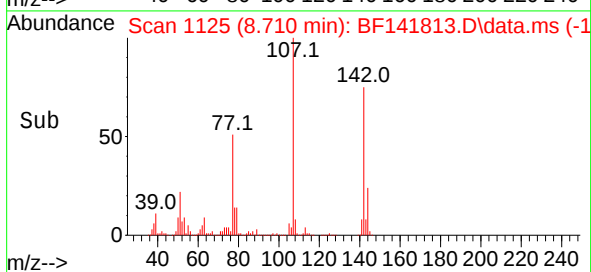
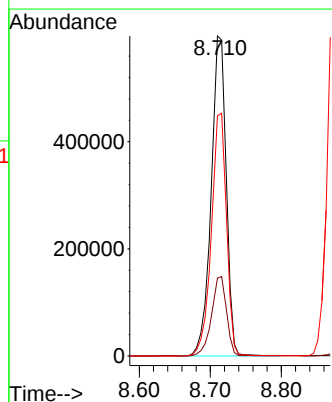
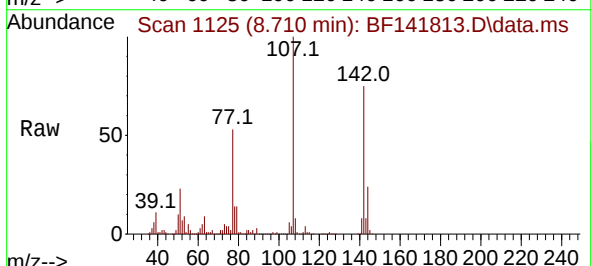
Tgt Ion:107 Resp: 881480

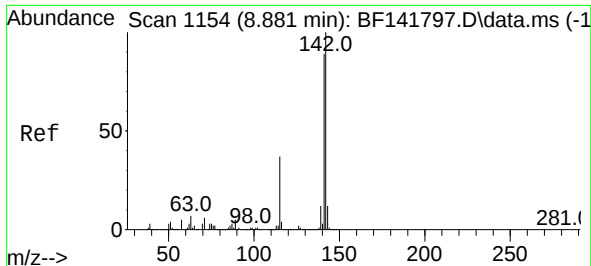
Ion Ratio Lower Upper

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 :

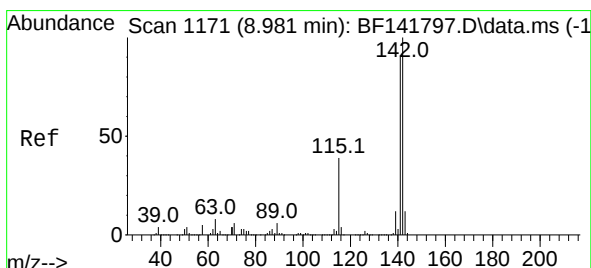
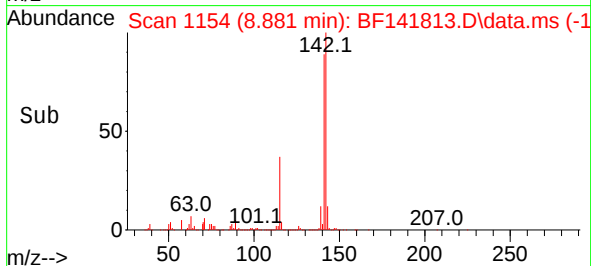
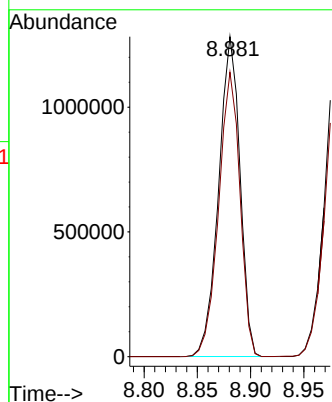
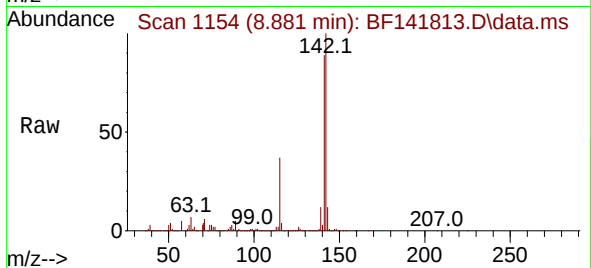
PB166948BS

Tgt Ion:142 Resp: 1780885

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 41.927 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141813.D

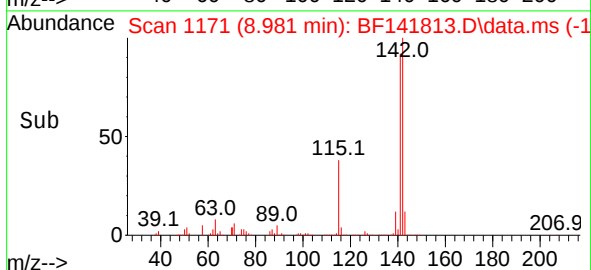
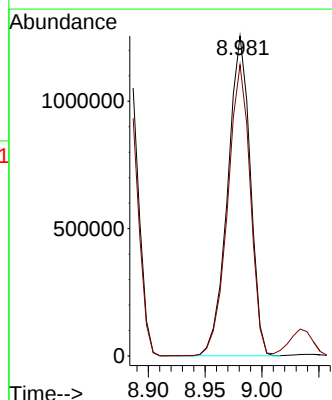
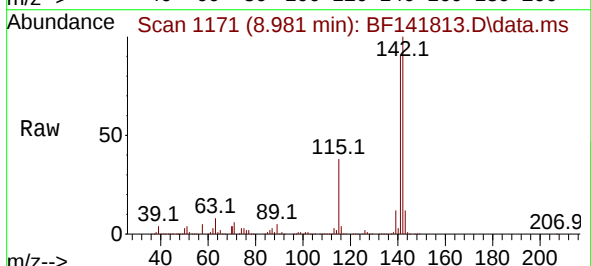
Acq: 03 Mar 2025 15:15

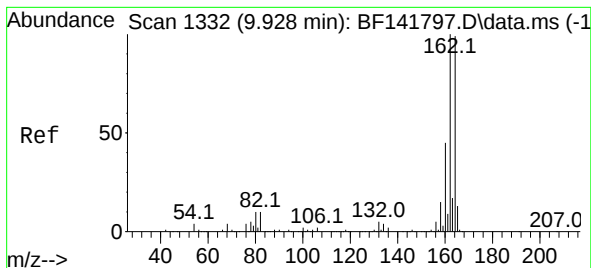
Tgt Ion:142 Resp: 1734005

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

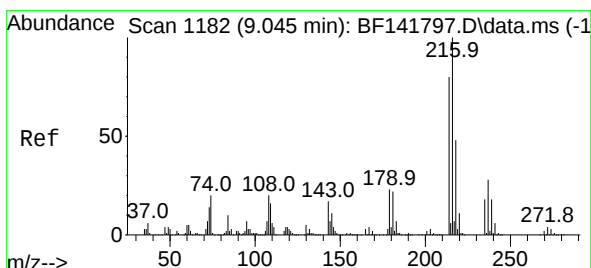
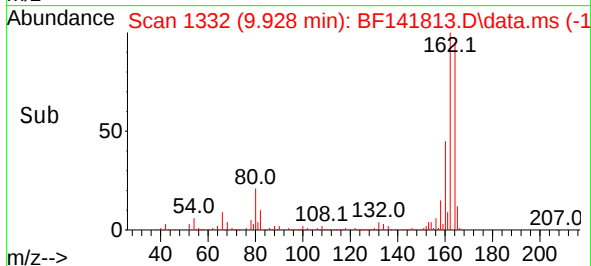
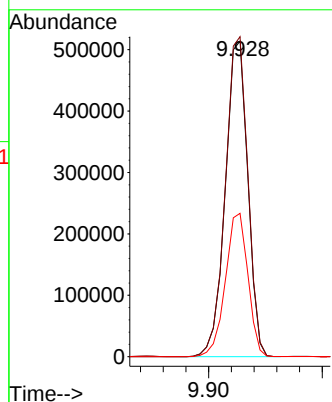
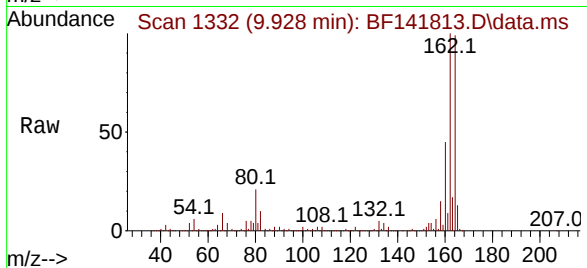
Tgt Ion:164 Resp: 706478

Ion Ratio Lower Upper

164 100

162 101.4 80.6 120.8

160 45.5 36.3 54.5



#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

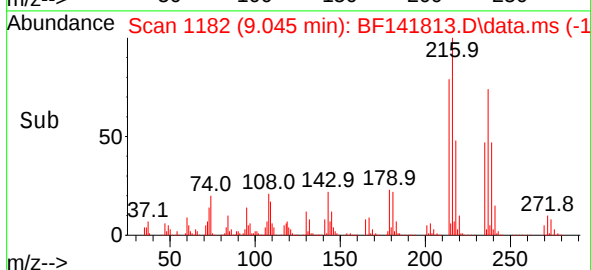
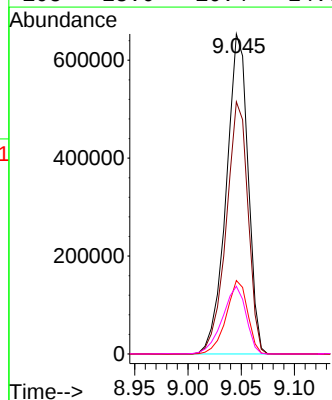
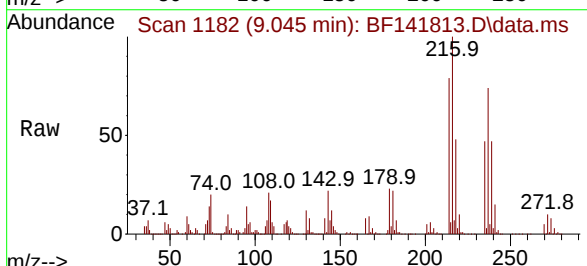
Ion Ratio Lower Upper

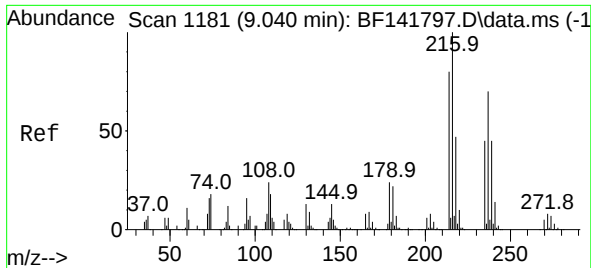
216 100

214 78.6 63.5 95.3

179 22.5 18.1 27.1

108 23.0 16.4 24.6

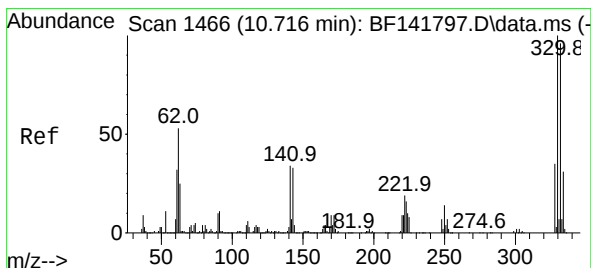
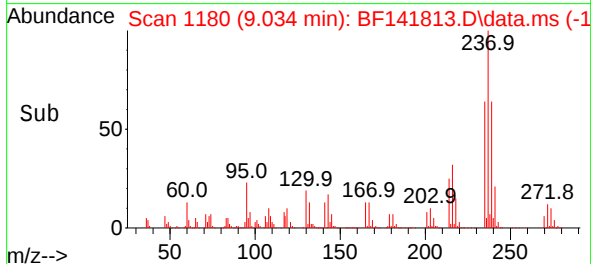
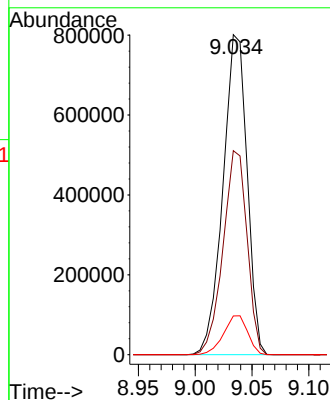
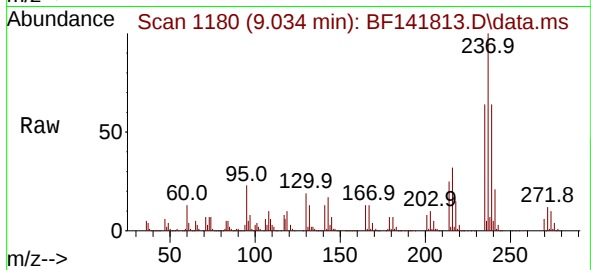




#41
Hexachlorocyclopentadiene
Concen: 138.921 ng
RT: 9.034 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

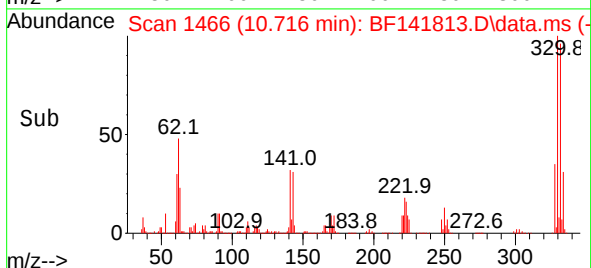
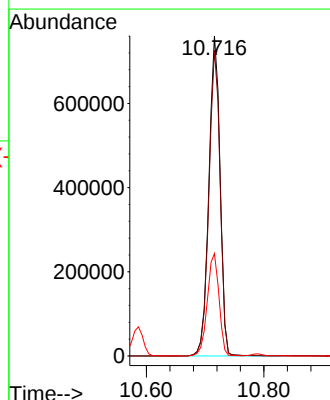
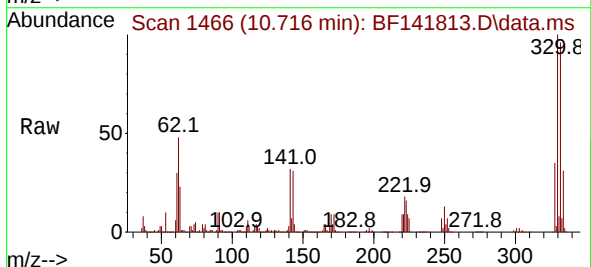
Instrument :
BNA_F
ClientSampleId :
PB166948BS

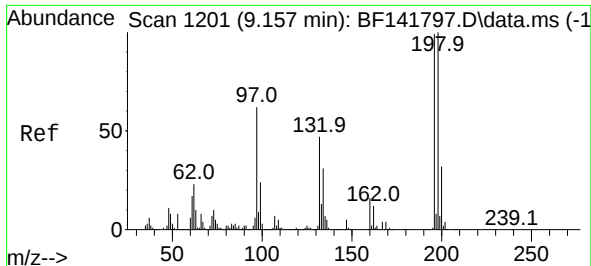
Tgt Ion:237 Resp: 1182926
Ion Ratio Lower Upper
237 100
235 63.8 43.3 83.3
272 12.1 0.0 31.9



#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# 1201

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

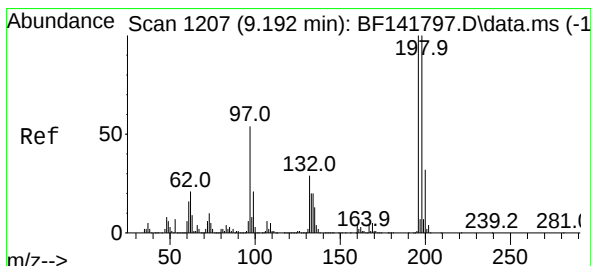
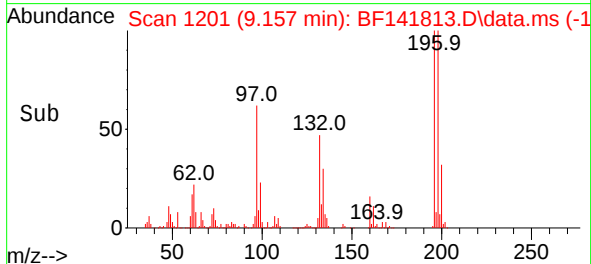
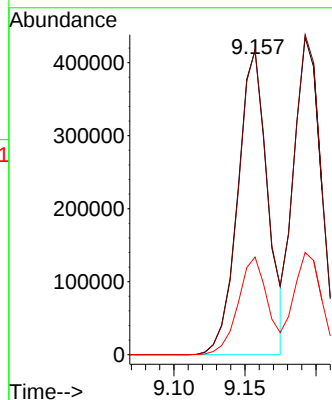
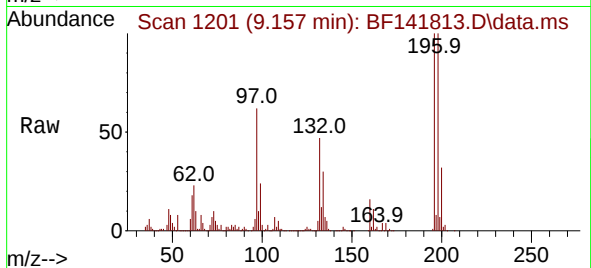
Tgt Ion:196 Resp: 608868

Ion Ratio Lower Upper

196 100

198 100.4 80.4 120.6

200 32.1 25.7 38.5



#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

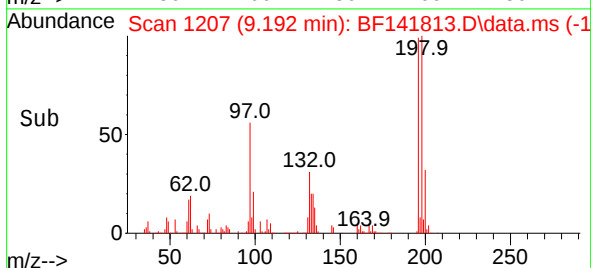
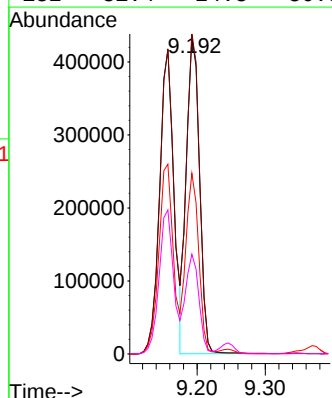
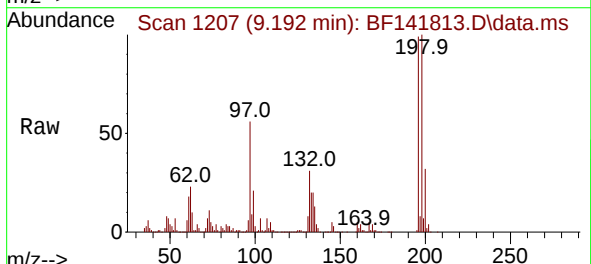
Ion Ratio Lower Upper

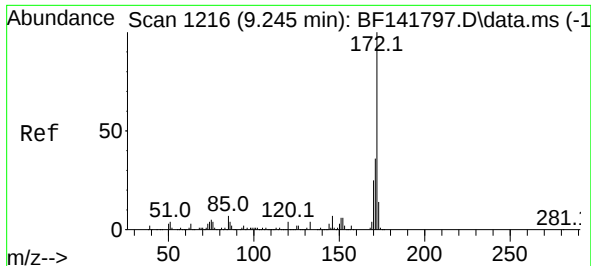
196 100

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 :

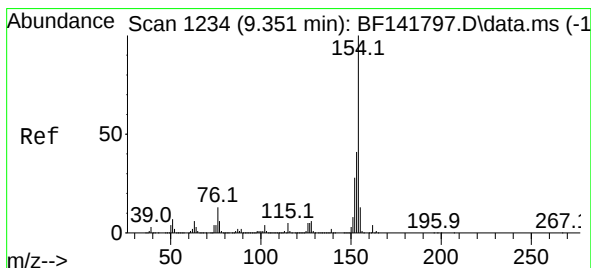
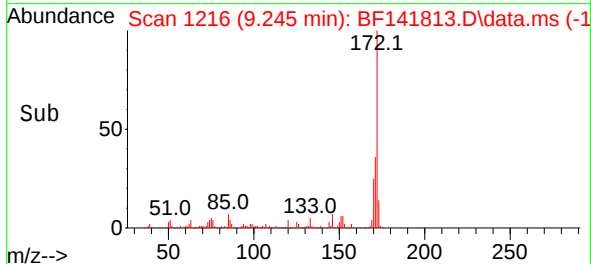
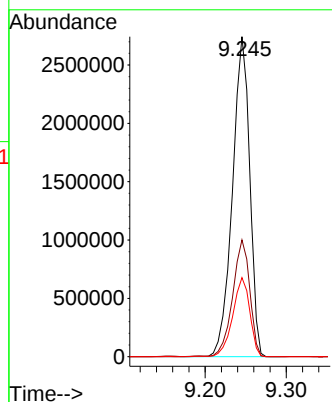
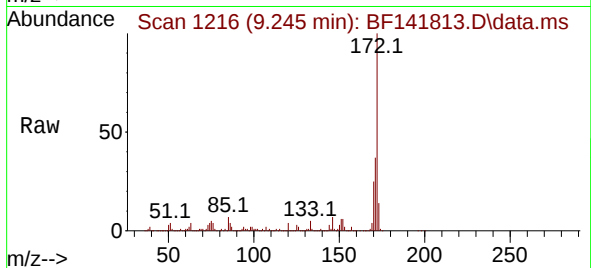
BNA_F

ClientSampleId :

PB166948BS

Tgt Ion:172 Resp: 4043761

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.2	43.8
170	24.7	19.7	29.5



#46

1,1'-Biphenyl

Concen: 46.381 ng

RT: 9.345 min Scan# 1233

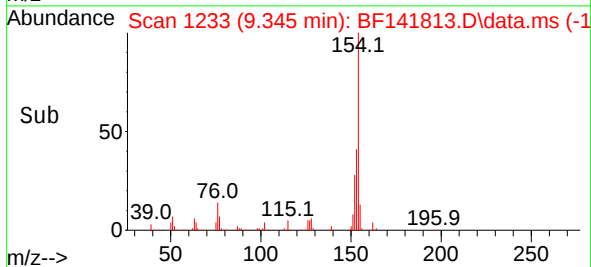
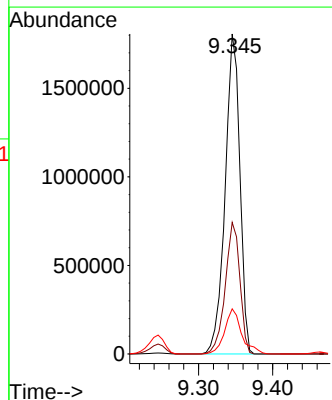
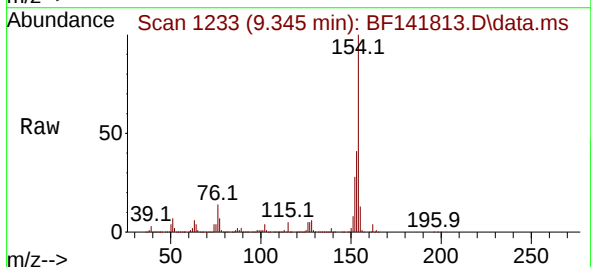
Delta R.T. -0.006 min

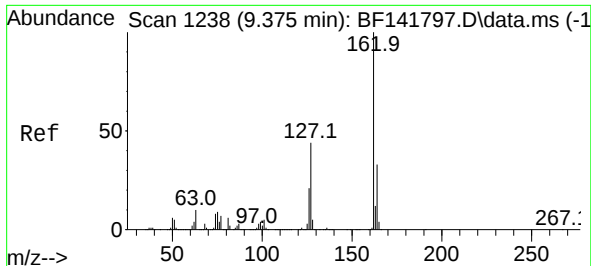
Lab File: BF141813.D

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

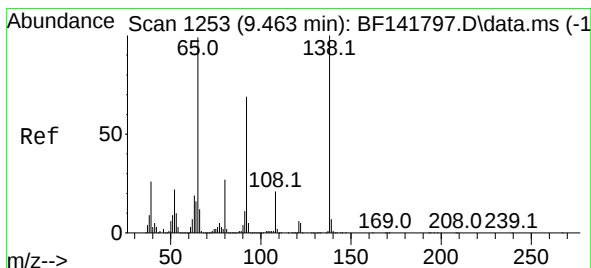
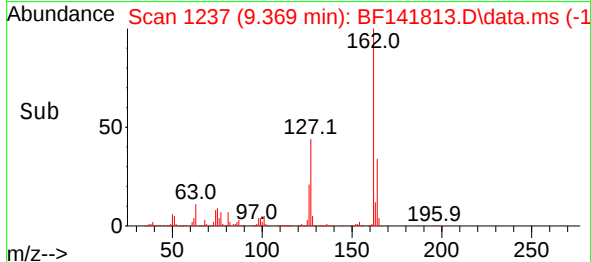
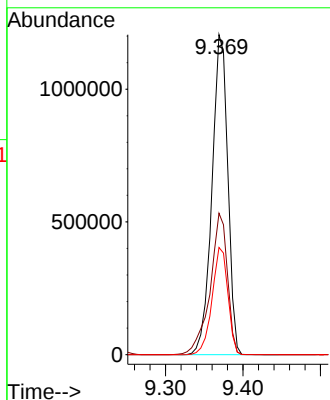
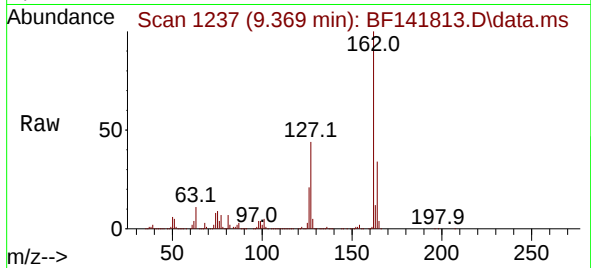
Tgt Ion:162 Resp: 1711660

Ion Ratio Lower Upper

162 100

127 44.2 35.0 52.6

164 33.5 26.6 40.0



#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

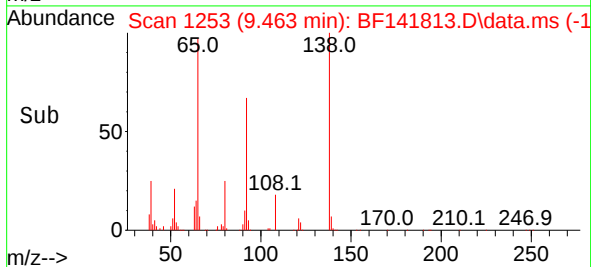
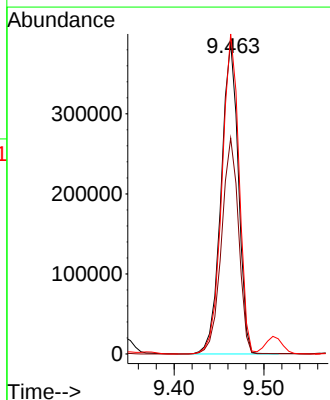
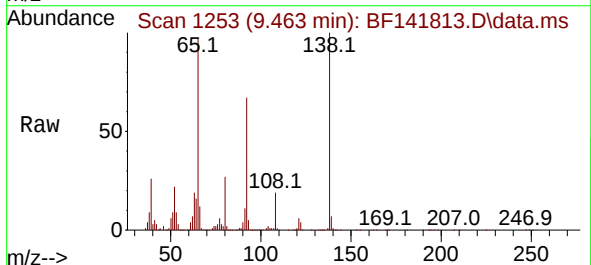
Tgt Ion: 65 Resp: 518618

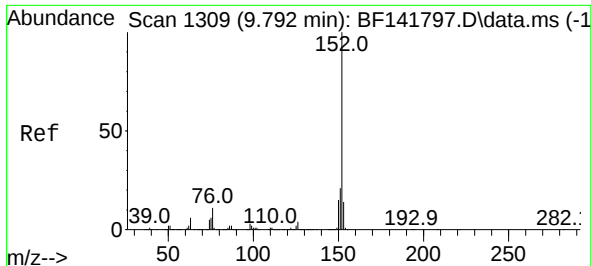
Ion Ratio Lower Upper

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# 1308

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

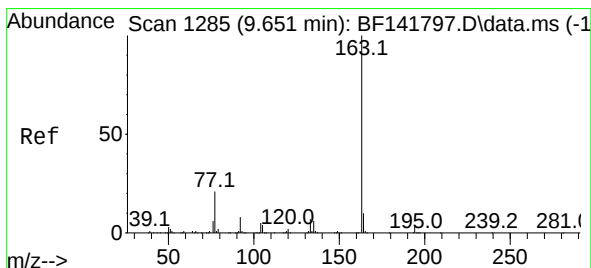
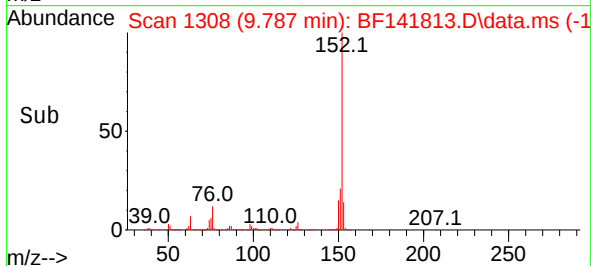
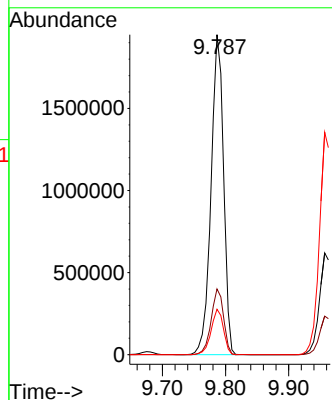
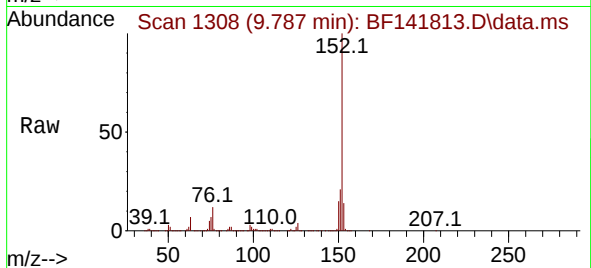
Tgt Ion:152 Resp: 2677140

Ion Ratio Lower Upper

152 100

151 20.5 16.6 24.8

153 14.2 11.2 16.8



#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

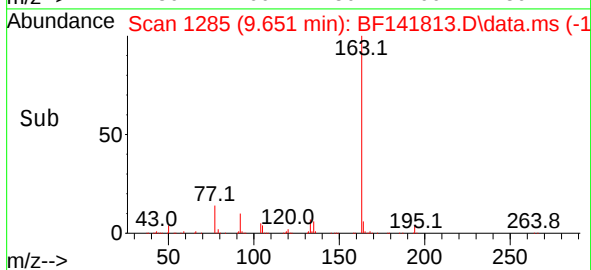
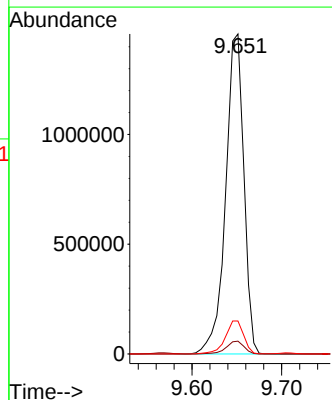
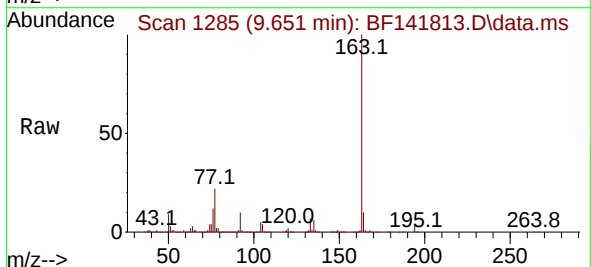
Tgt Ion:163 Resp: 2054863

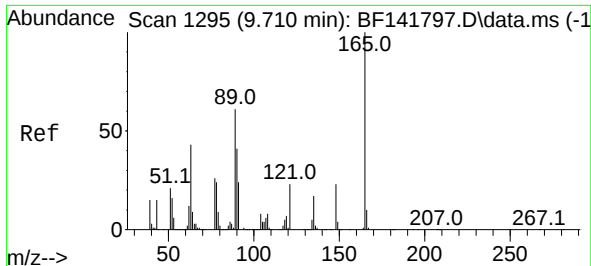
Ion Ratio Lower Upper

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

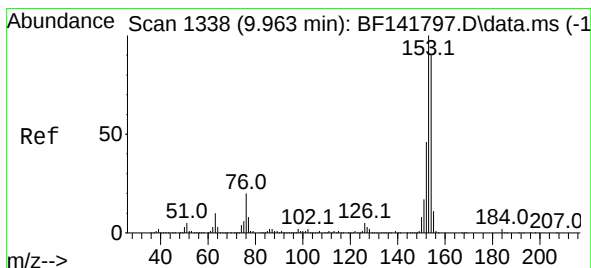
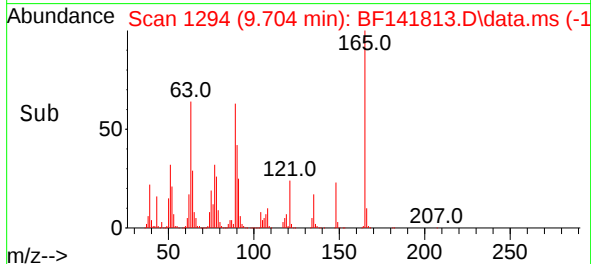
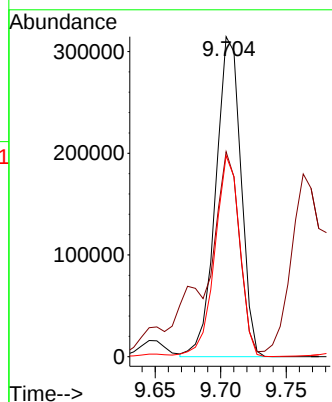
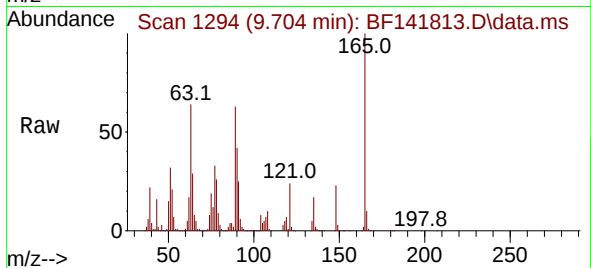
Tgt Ion:165 Resp: 420239

Ion Ratio Lower Upper

165 100

63 64.1 49.5 74.3

89 62.8 49.0 73.4



#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

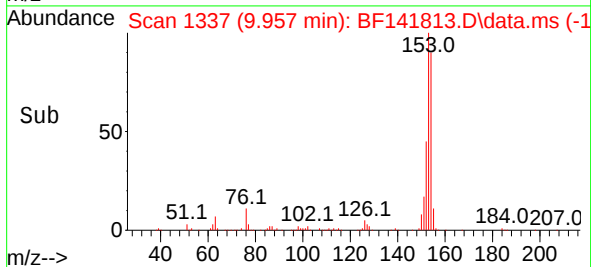
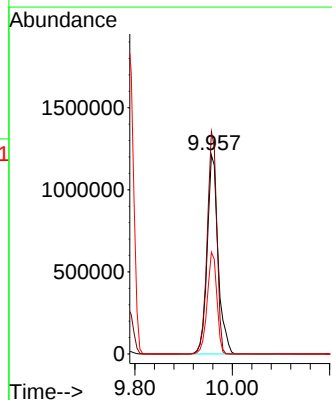
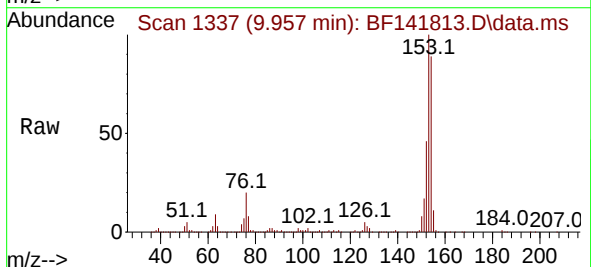
Tgt Ion:154 Resp: 1875323

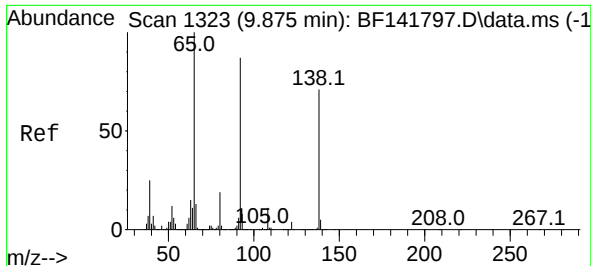
Ion Ratio Lower Upper

154 100

153 111.7 88.7 133.1

152 51.1 40.9 61.3

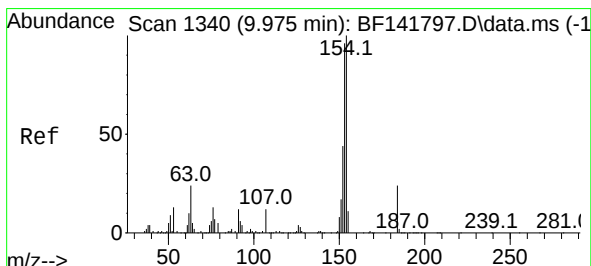
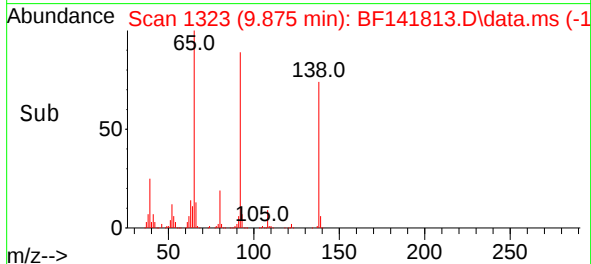
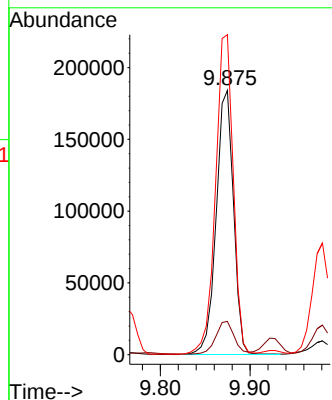
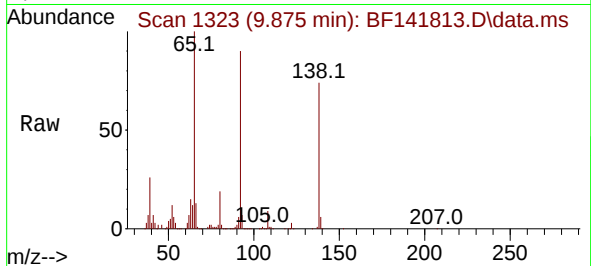




#53
3-Nitroaniline
Concen: 26.922 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

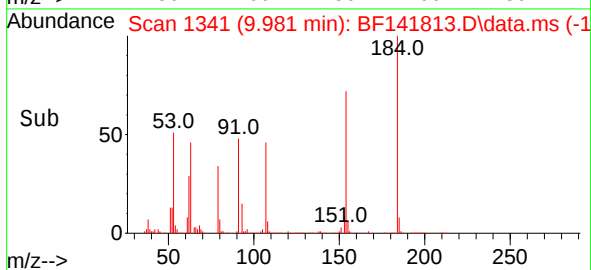
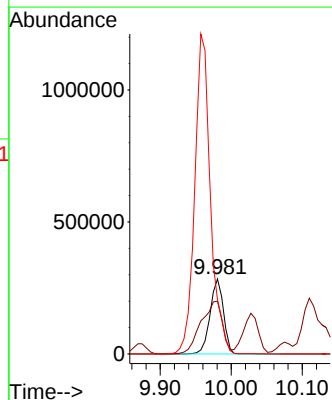
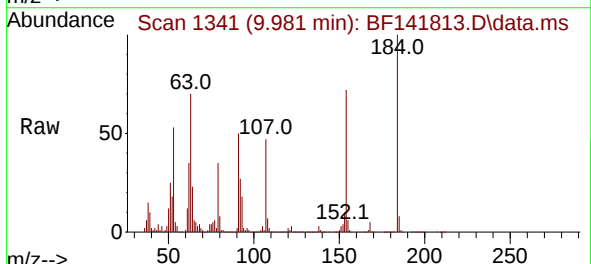
Instrument :
BNA_F
ClientSampleId :
PB166948BS

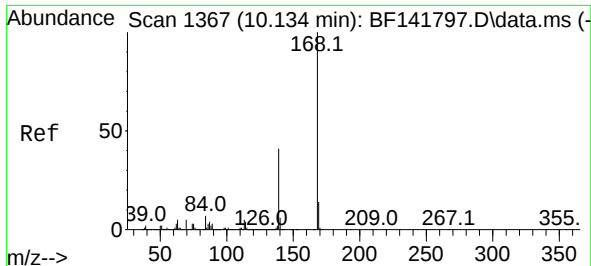
Tgt Ion:138 Resp: 246155
Ion Ratio Lower Upper
138 100
108 12.6 12.7 19.1#
92 121.1 97.9 146.9



#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#

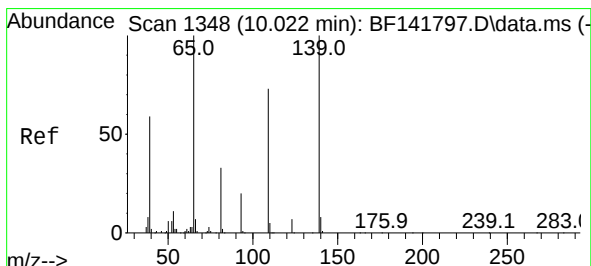
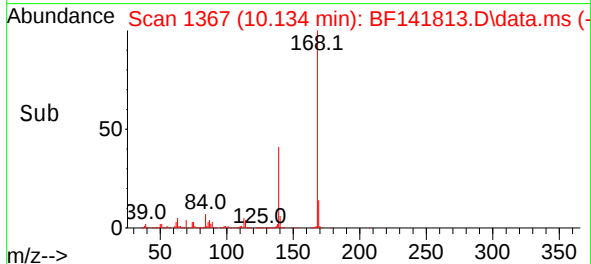
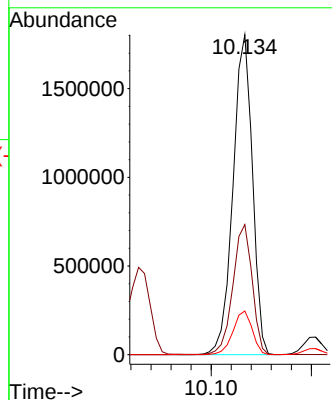
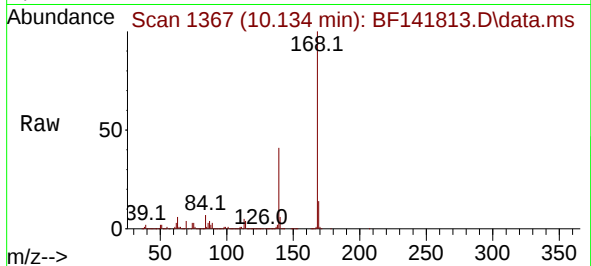




#55
Dibenzenofuran
Concen: 41.441 ng
RT: 10.134 min Scan# 141
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

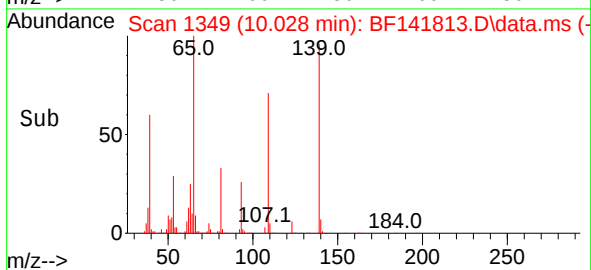
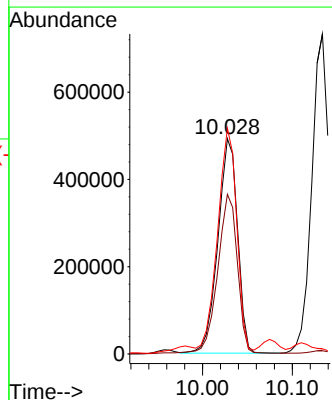
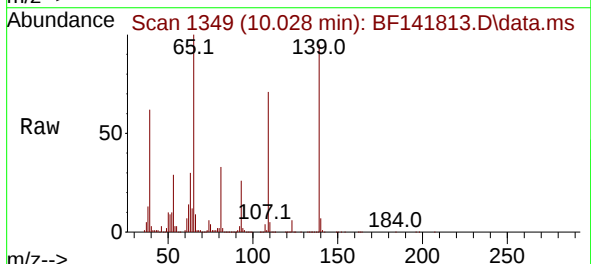
Instrument :
BNA_F
ClientSampleId :
PB166948BS

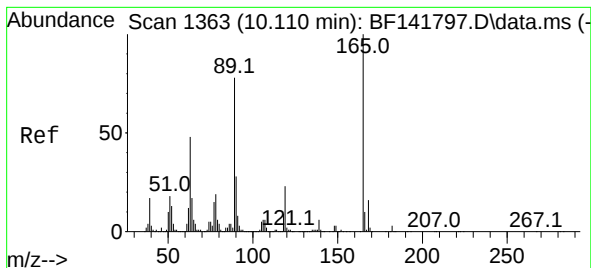
Tgt Ion:168 Resp: 2421909
Ion Ratio Lower Upper
168 100
139 40.6 32.9 49.3
169 13.6 11.1 16.7



#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

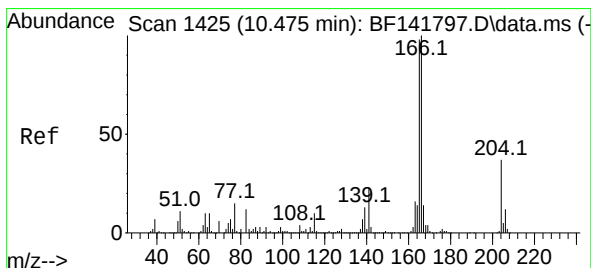
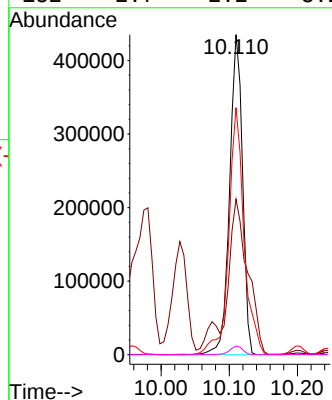
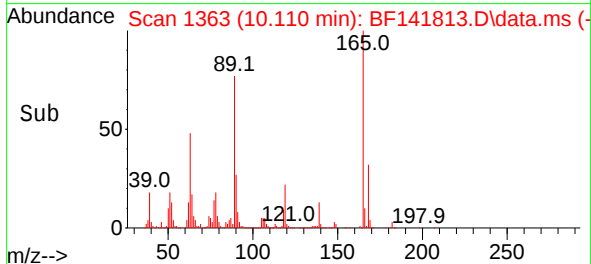
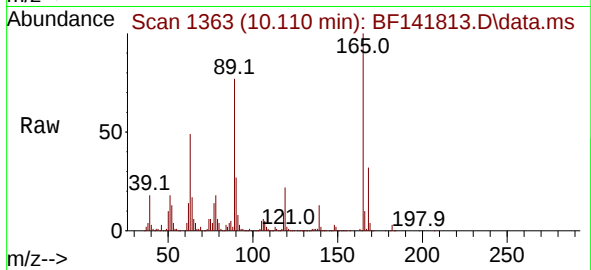




#57
2,4-Dinitrotoluene
Concen: 51.453 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

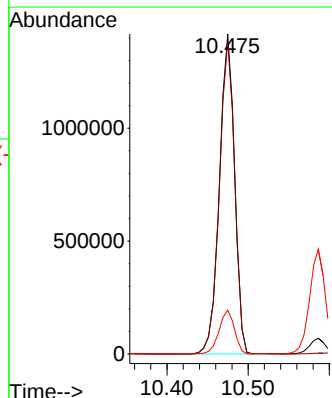
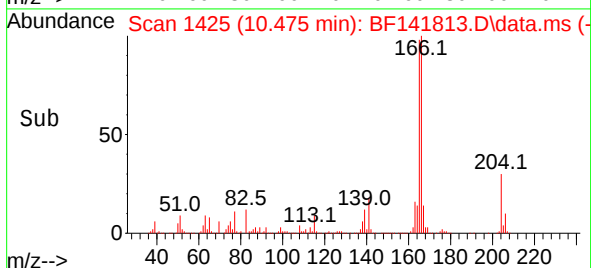
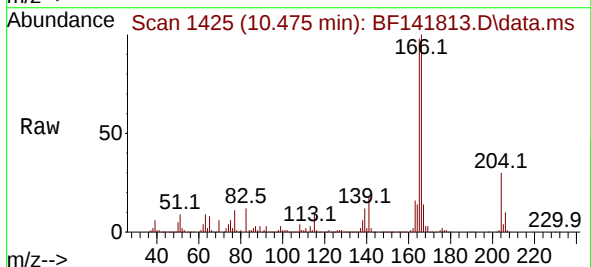
Instrument :
BNA_F
ClientSampleId :
PB166948BS

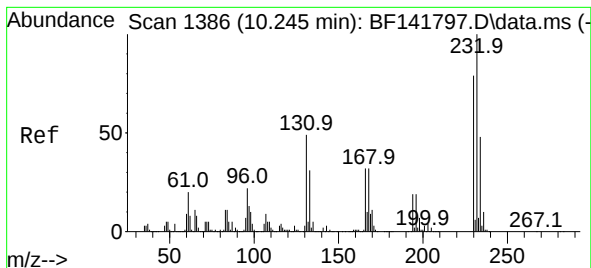
Tgt Ion:165 Resp: 571836
Ion Ratio Lower Upper
165 100
63 48.6 38.8 58.2
89 77.2 62.6 94.0
182 2.7 2.2 3.2



#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



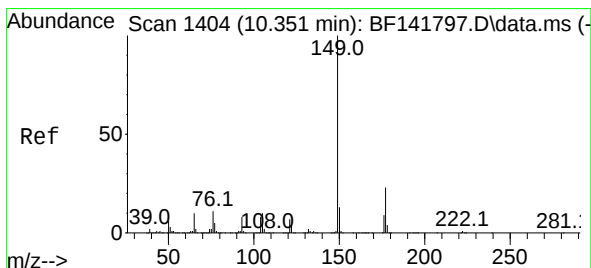
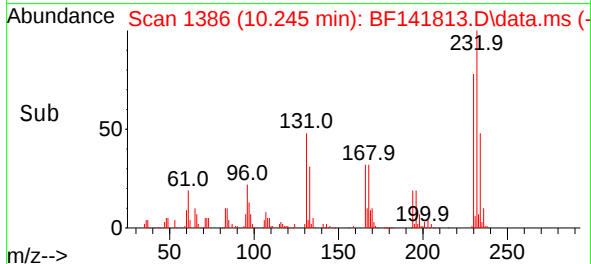
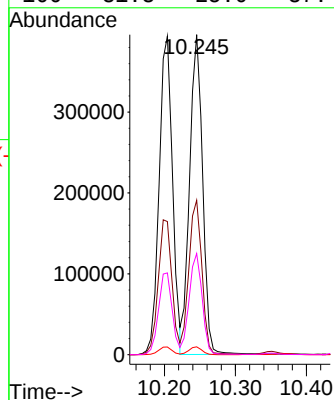
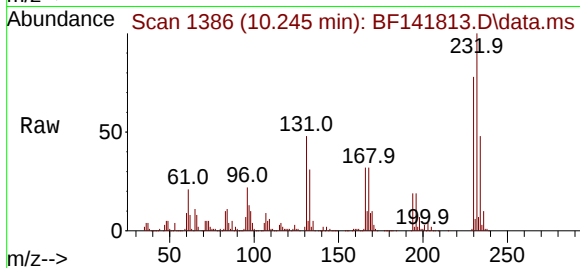


#59
2,3,4,6-Tetrachlorophenol
Concen: 44.279 ng
RT: 10.245 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

Instrument :
BNA_F
ClientSampleId :
PB166948BS

Tgt Ion:232 Resp: 502599

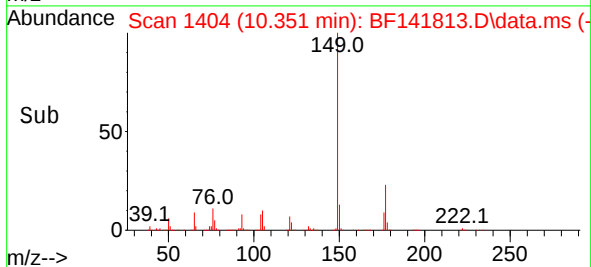
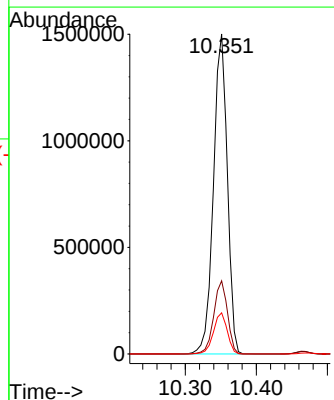
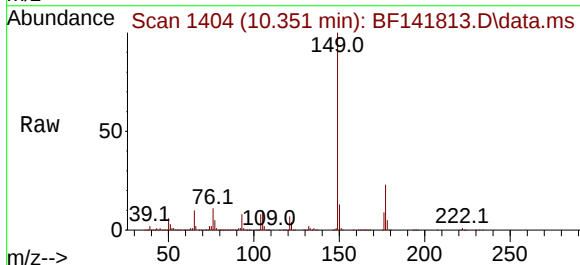
Ion	Ratio	Lower	Upper
232	100		
131	48.4	37.8	56.8
130	2.5	2.0	3.0
166	31.3	25.0	37.4

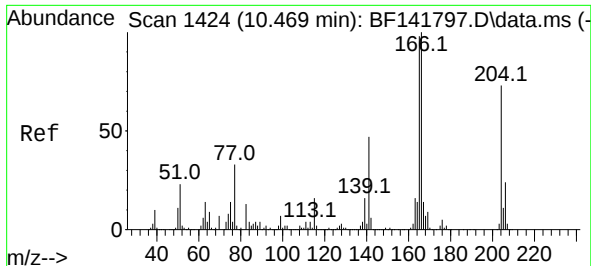


#60
Diethylphthalate
Concen: 42.803 ng
RT: 10.351 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

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

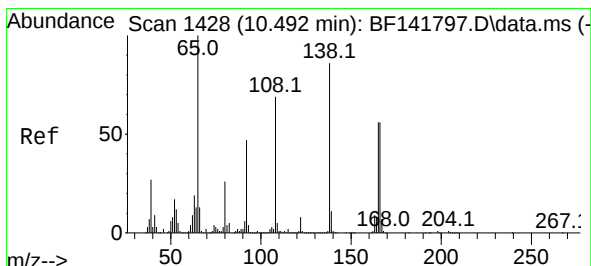
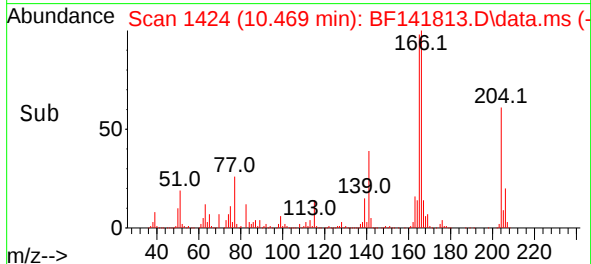
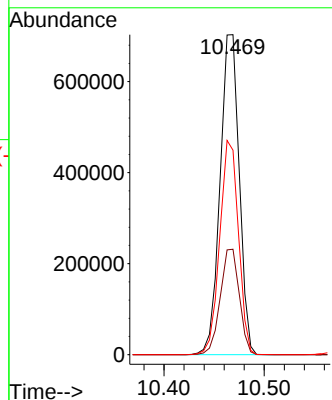
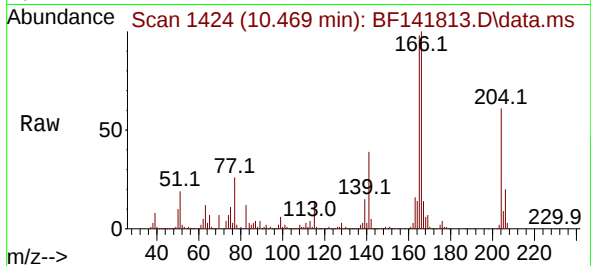




#61
4-Chlorophenyl-phenylether
Concen: 42.448 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

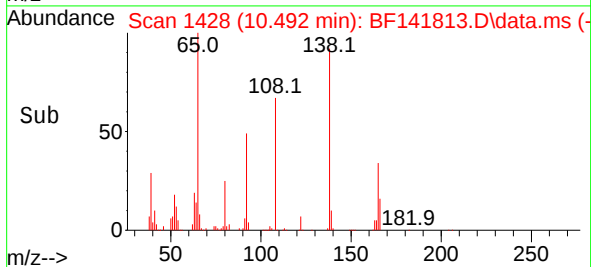
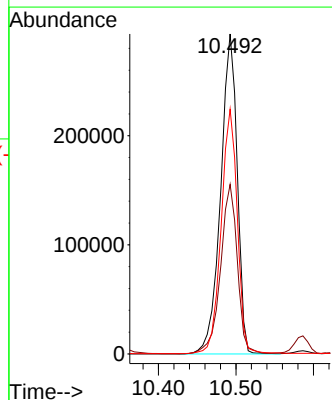
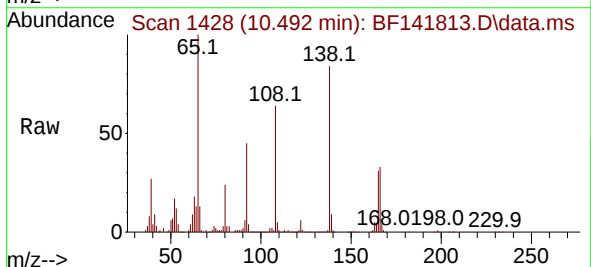
Instrument :
BNA_F
ClientSampleId :
PB166948BS

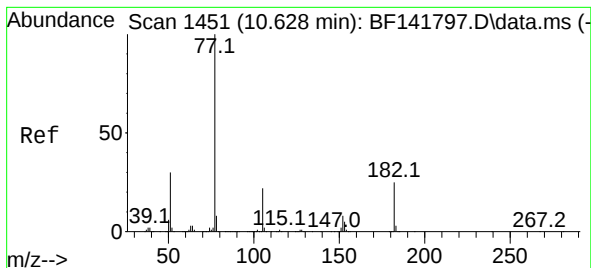
Tgt Ion:204 Resp: 931018
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 63.9 51.7 77.5



#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

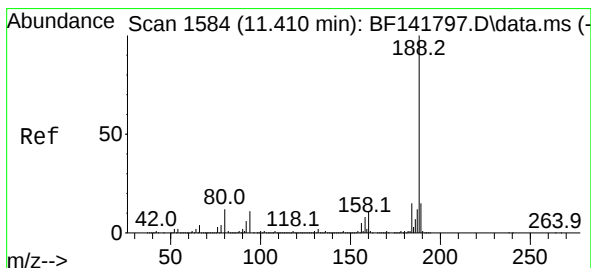
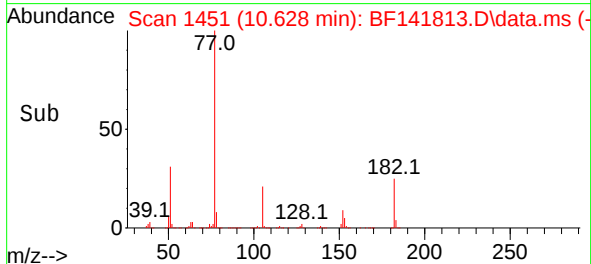
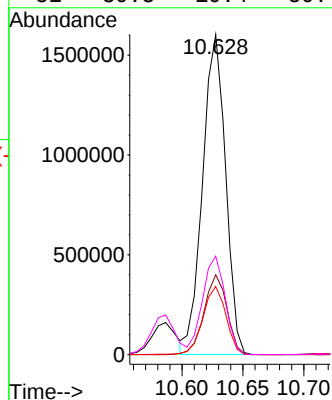
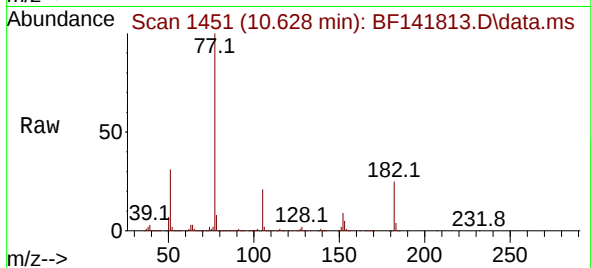




#63
Azobenzene
Concen: 42.171 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

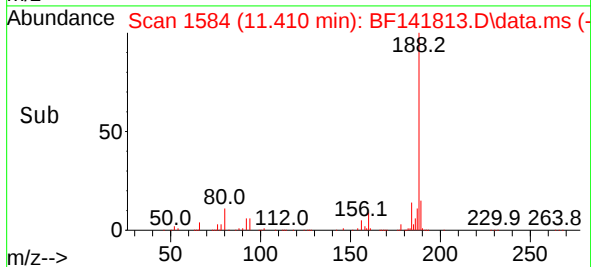
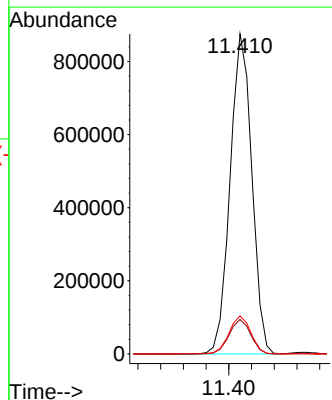
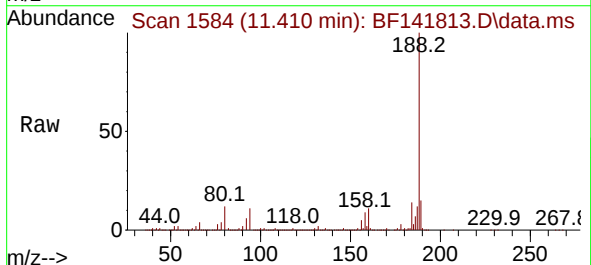
Instrument :
BNA_F
ClientSampleId :
PB166948BS

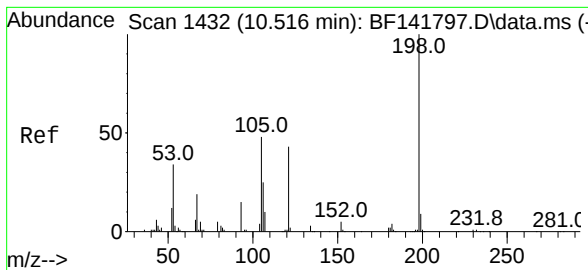
Tgt Ion: 77 Resp: 2105967
Ion Ratio Lower Upper
77 100
182 25.0 4.2 44.2
105 21.3 1.5 41.5
51 30.8 10.4 50.4



#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

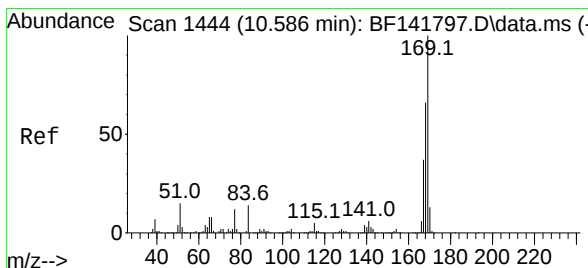
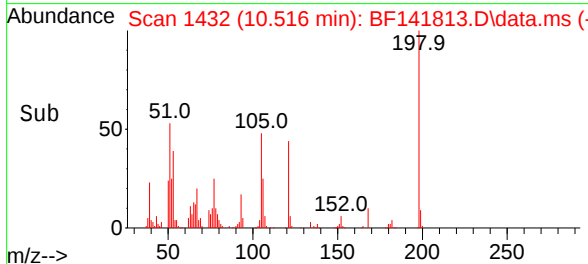
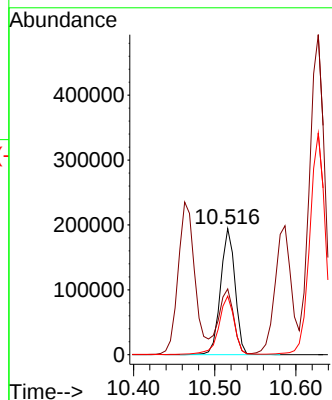
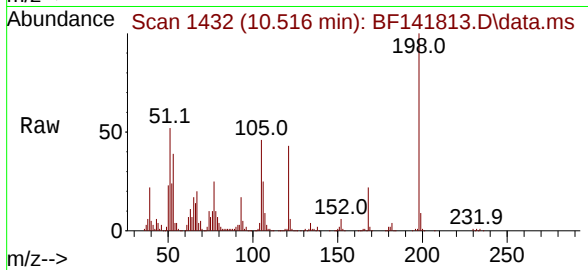




#65
4,6-Dinitro-2-methylphenol
Concen: 44.632 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

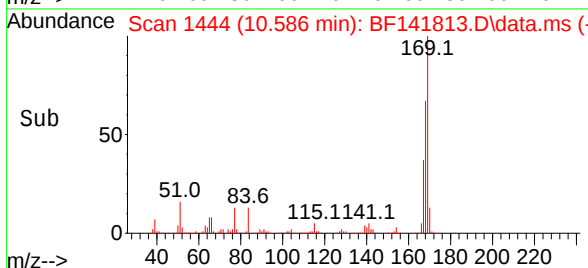
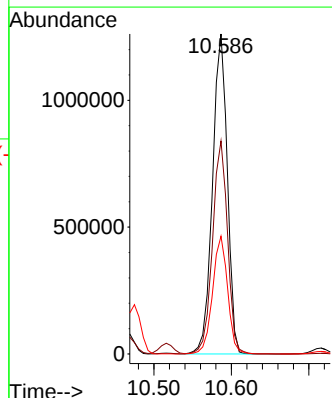
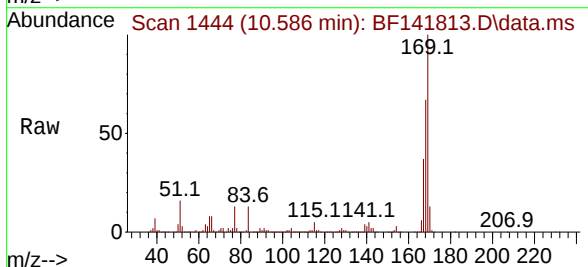
Instrument :
BNA_F
ClientSampleId :
PB166948BS

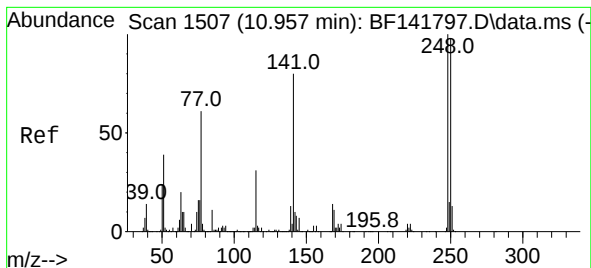
Tgt Ion:198 Resp: 240235
Ion Ratio Lower Upper
198 100
51 52.2 32.1 72.1
105 46.4 28.5 68.5



#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

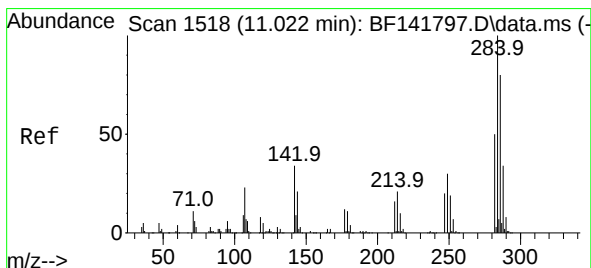
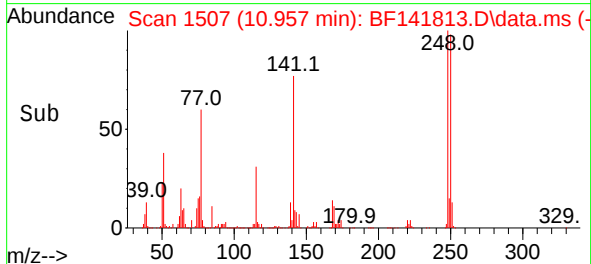
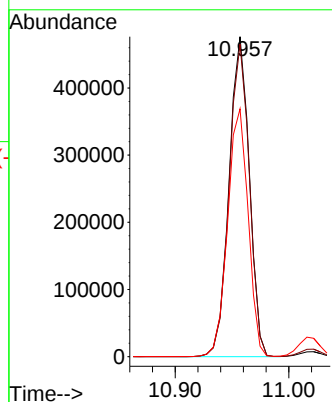
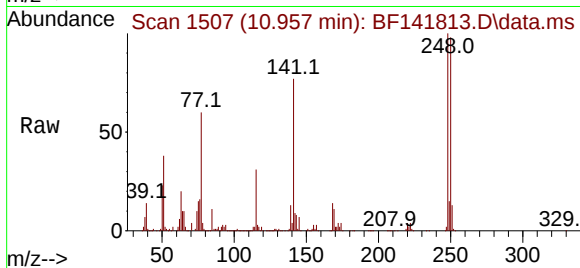




#67
4-Bromophenyl-phenylether
Concen: 43.543 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

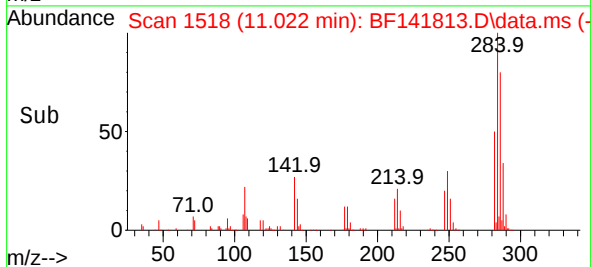
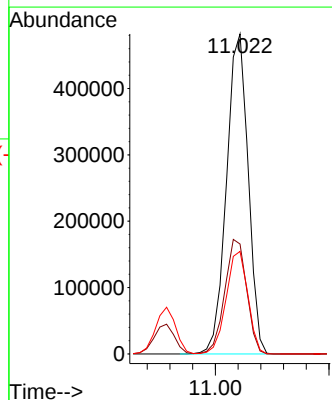
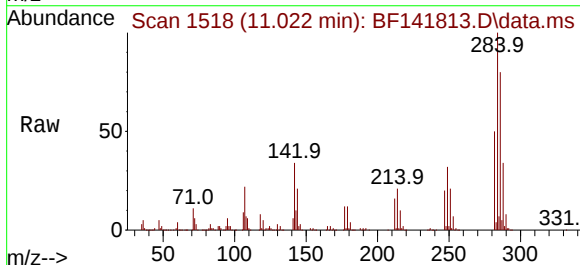
Instrument :
BNA_F
ClientSampleId :
PB166948BS

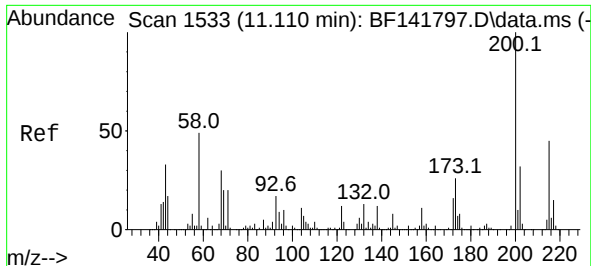
Tgt Ion:248 Resp: 590419
Ion Ratio Lower Upper
248 100
250 97.7 78.1 117.1
141 77.4 64.3 96.5



#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

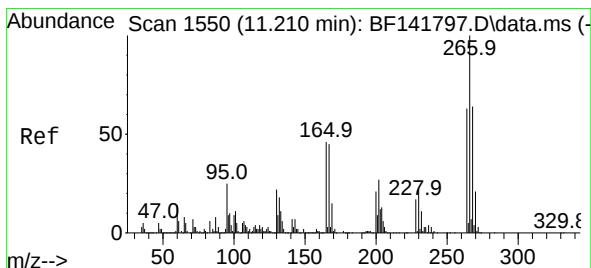
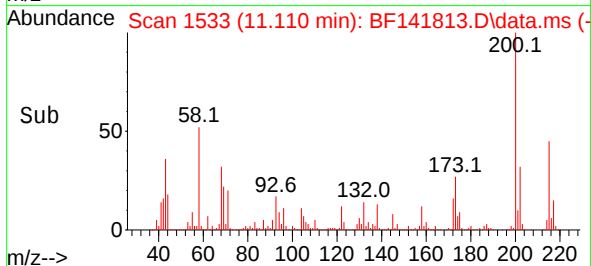
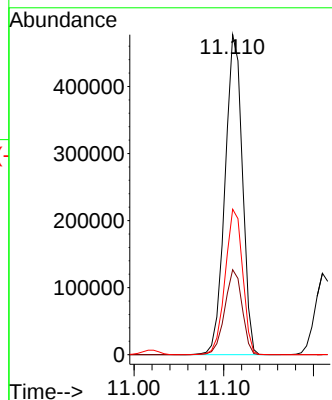
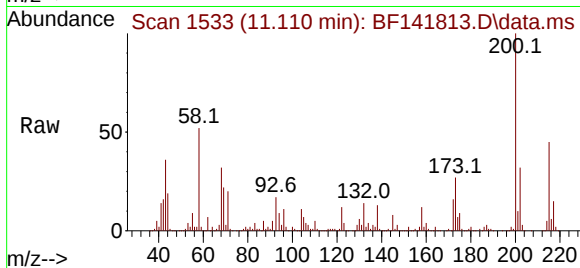
Tgt Ion:200 Resp: 641101

Ion Ratio Lower Upper

200 100

173 26.5 5.6 45.6

215 45.5 25.3 65.3



#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

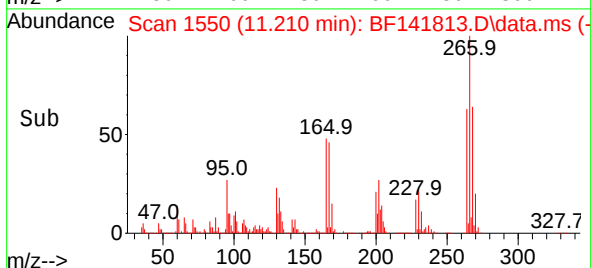
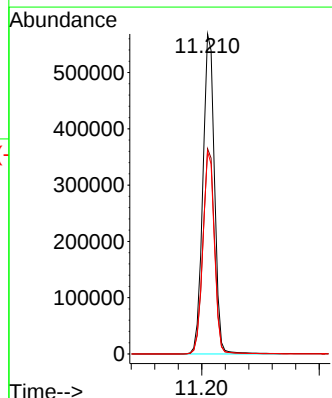
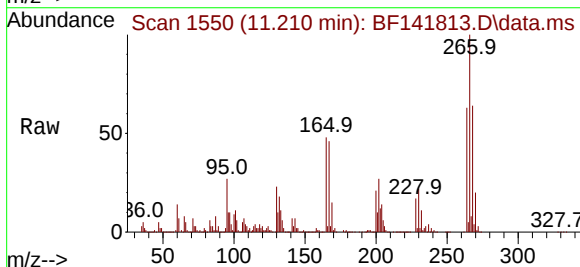
Tgt Ion:266 Resp: 780256

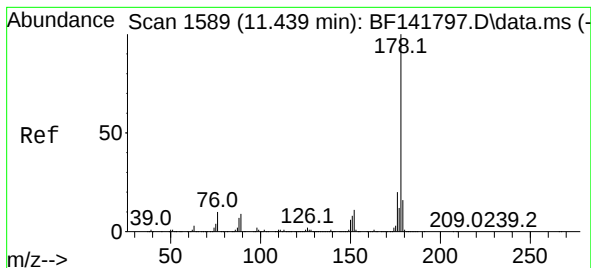
Ion Ratio Lower Upper

266 100

268 64.1 50.9 76.3

264 63.3 50.2 75.4

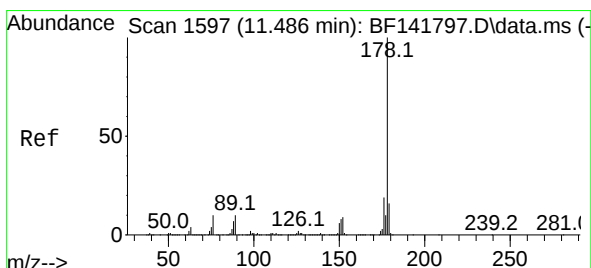
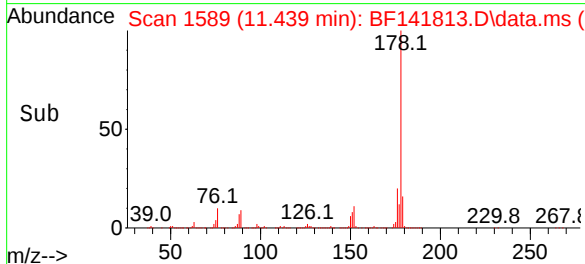
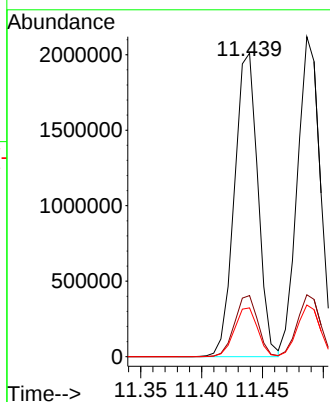
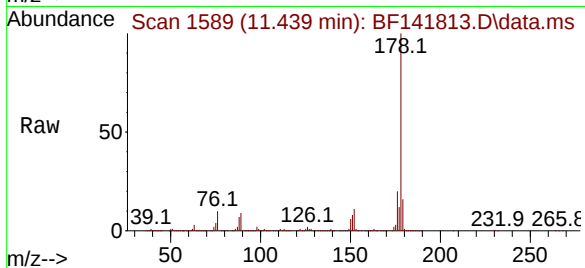




#71
Phenanthrene
Concen: 43.329 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

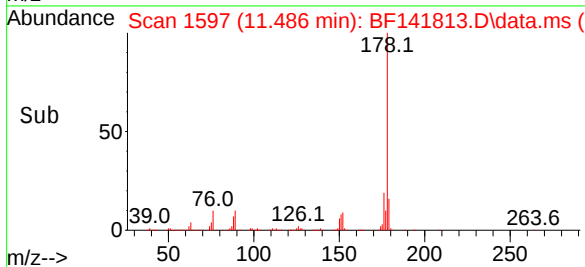
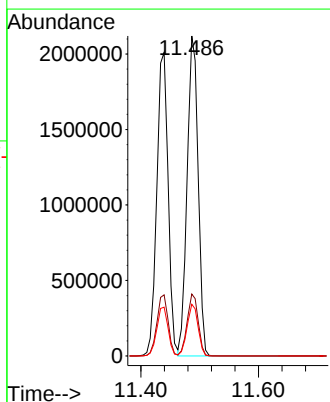
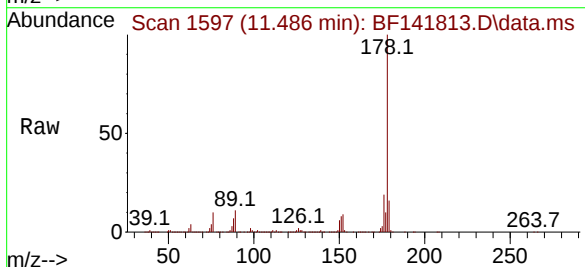
Instrument :
BNA_F
ClientSampleId :
PB166948BS

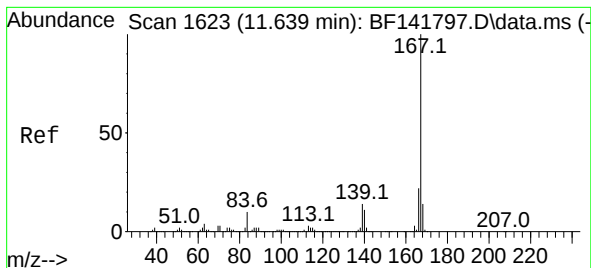
Tgt Ion:178 Resp: 2690544
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.1 12.6 19.0



#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

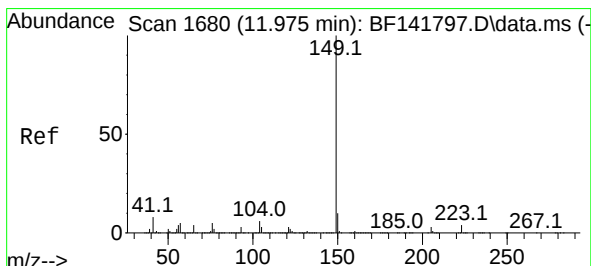
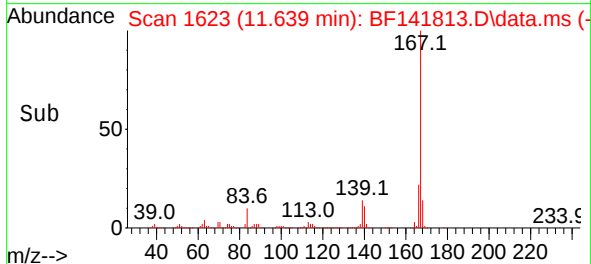
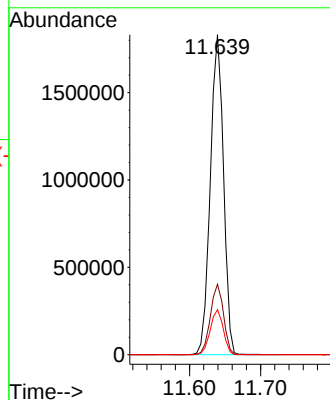
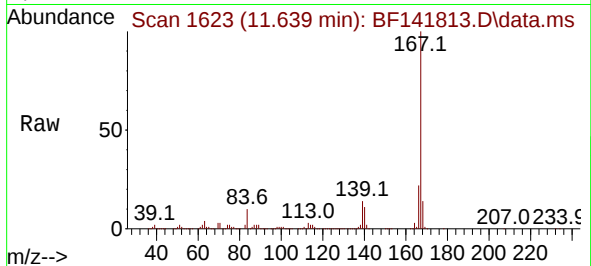
Tgt Ion:167 Resp: 2368839

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 14.0 11.3 16.9



#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

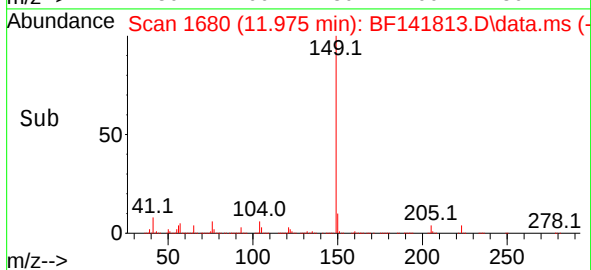
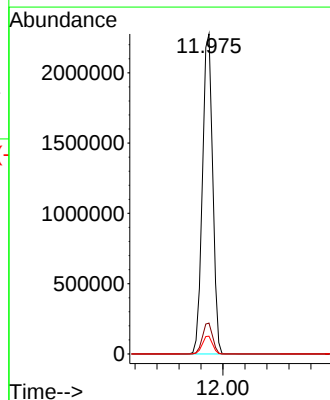
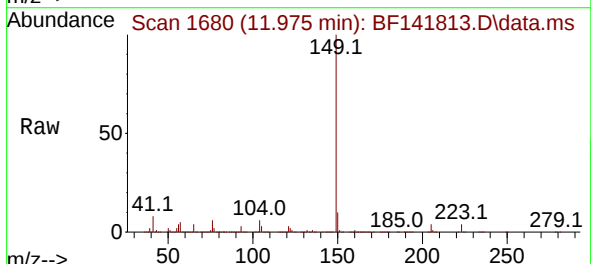
Tgt Ion:149 Resp: 2949742

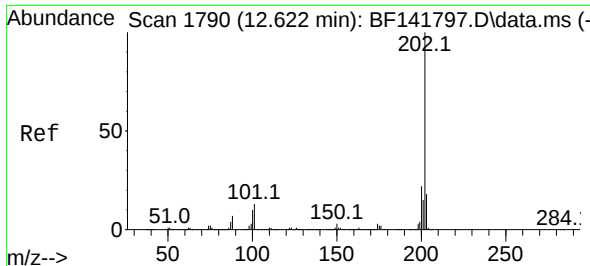
Ion Ratio Lower Upper

149 100

150 9.7 7.7 11.5

104 5.5 4.4 6.6

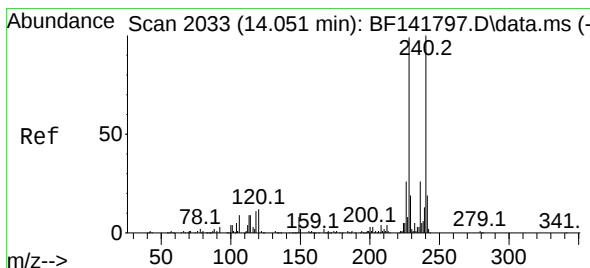
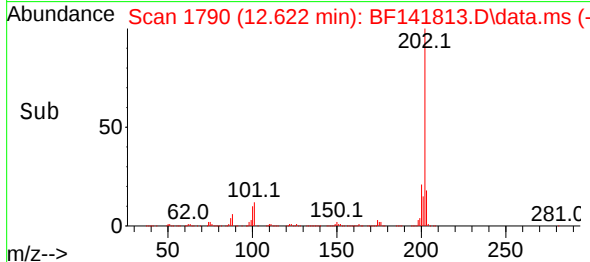
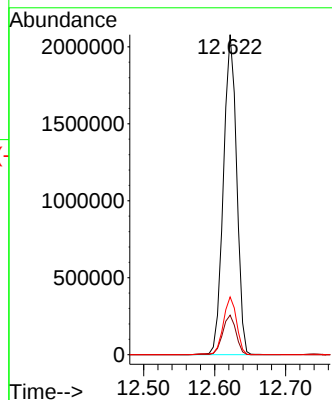
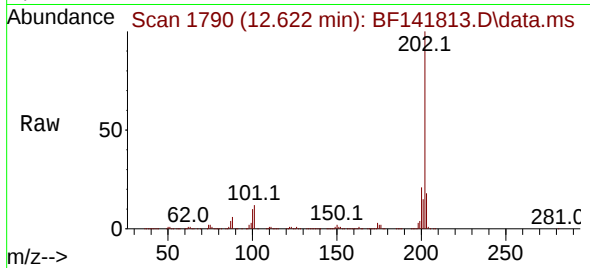




#75
Fluoranthene
Concen: 42.090 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

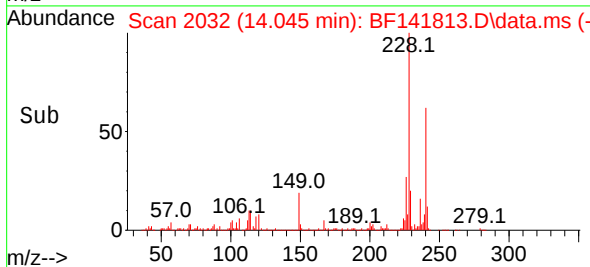
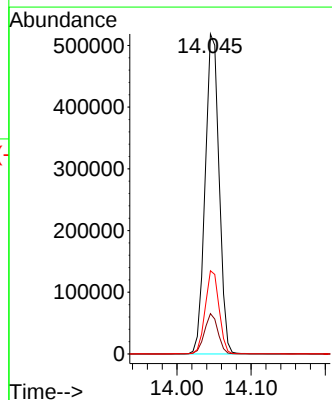
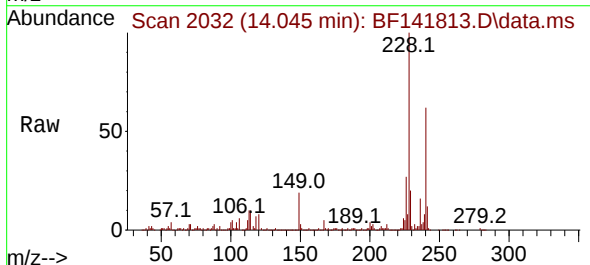
Instrument :
BNA_F
ClientSampleId :
PB166948BS

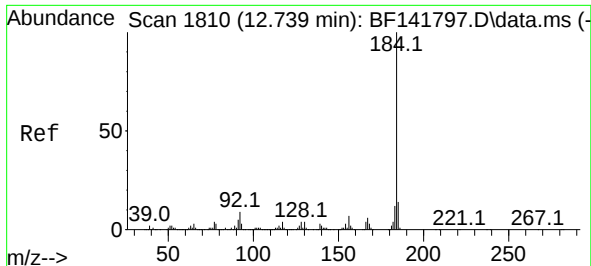
Tgt Ion:202 Resp: 2678058
Ion Ratio Lower Upper
202 100
101 12.4 0.0 32.8
203 18.1 0.0 38.0



#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

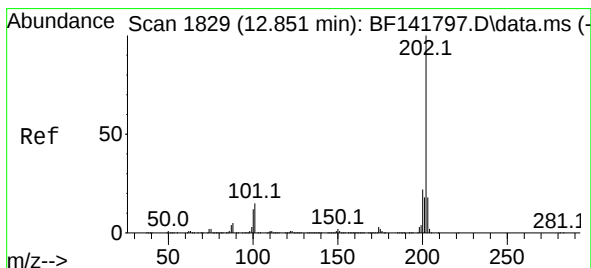
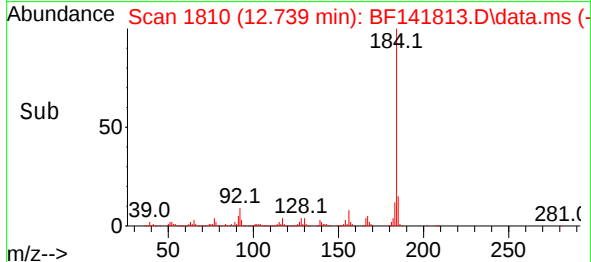
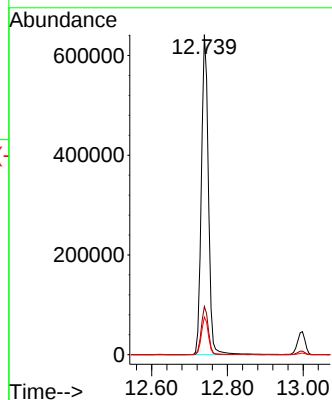
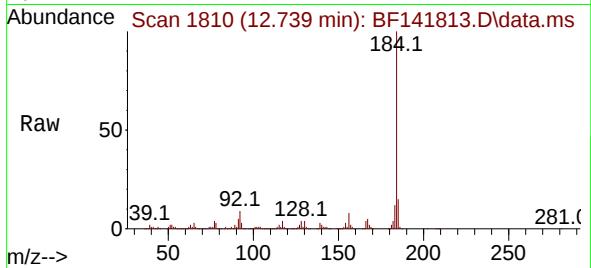




#77
Benzidine
Concen: 98.258 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF141813.D
Acq: 03 Mar 2025 15:15

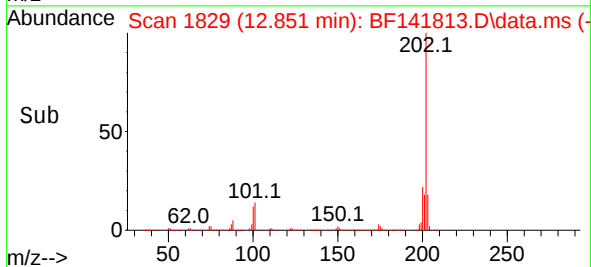
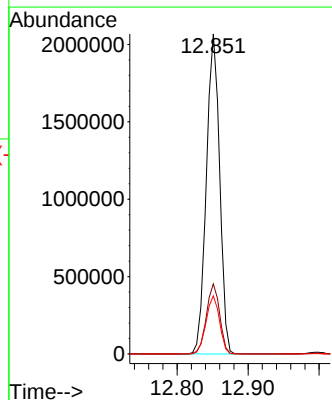
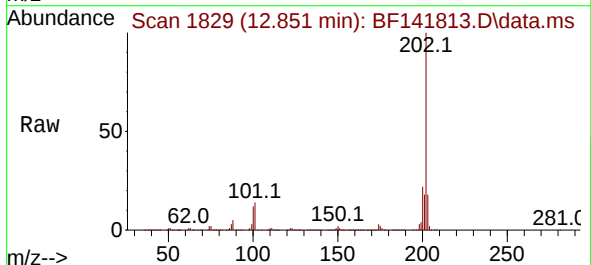
Instrument :
BNA_F
ClientSampleId :
PB166948BS

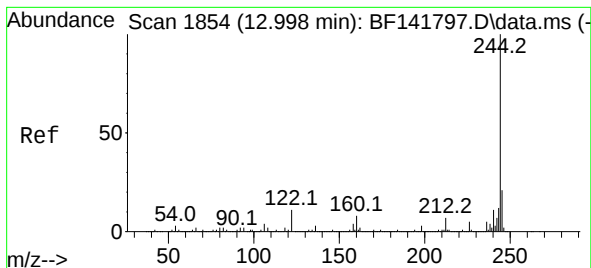
Tgt Ion:184 Resp: 837822
Ion Ratio Lower Upper
184 100
185 15.1 11.6 17.4
183 11.7 9.4 14.0



#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# 11

Delta R.T. -0.000 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

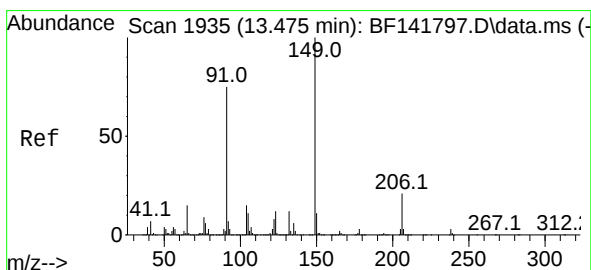
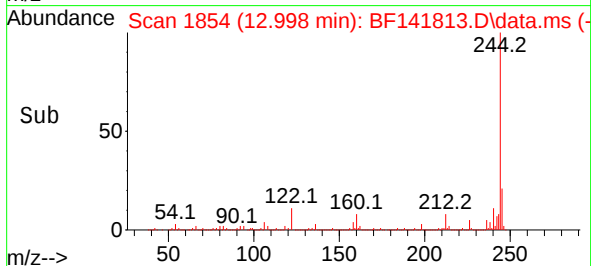
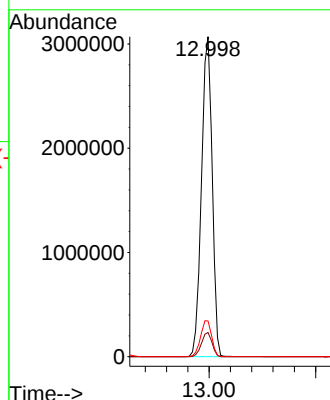
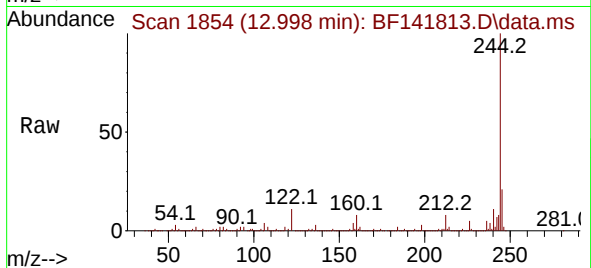
Tgt Ion:244 Resp: 4267613

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 11.1 9.0 13.6



#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

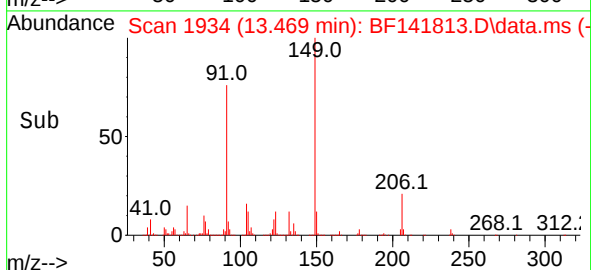
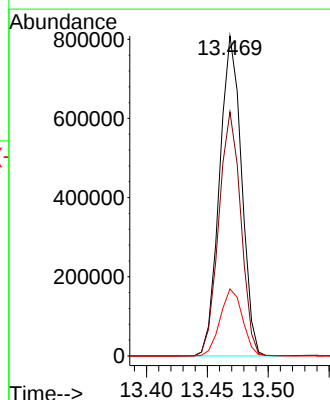
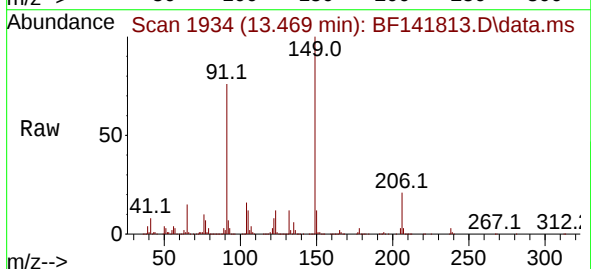
Tgt Ion:149 Resp: 1019496

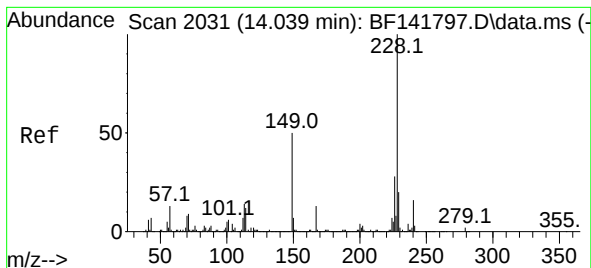
Ion Ratio Lower Upper

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

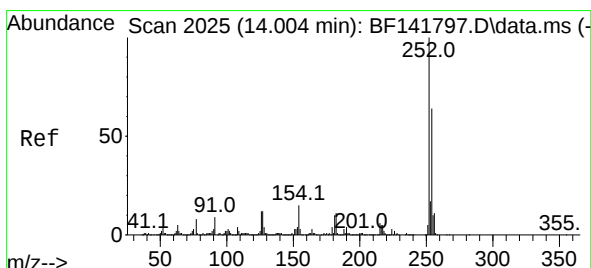
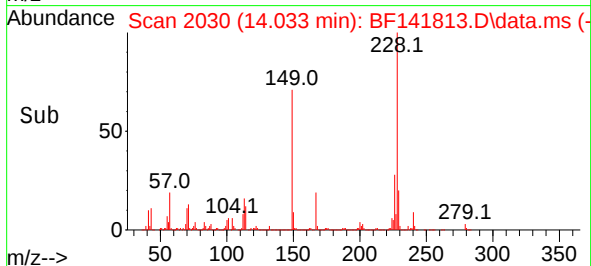
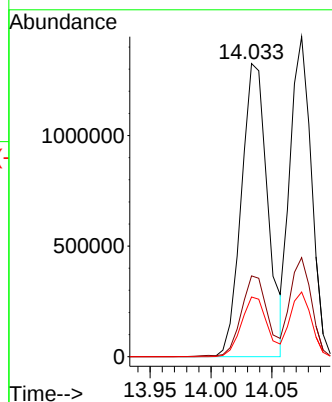
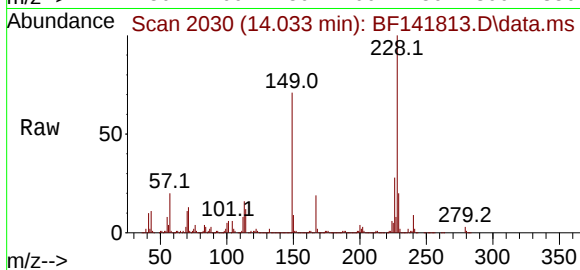
Tgt Ion:228 Resp: 1999825

Ion Ratio Lower Upper

228 100

226 27.6 22.1 33.1

229 20.3 16.1 24.1



#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

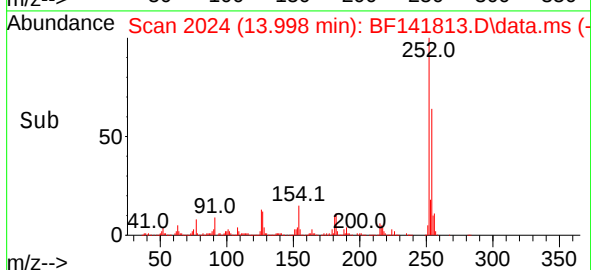
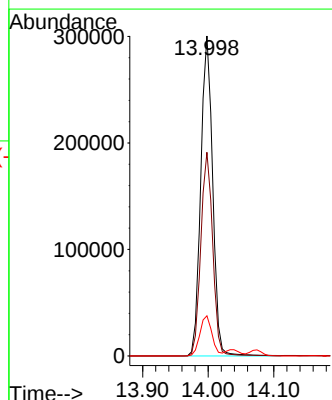
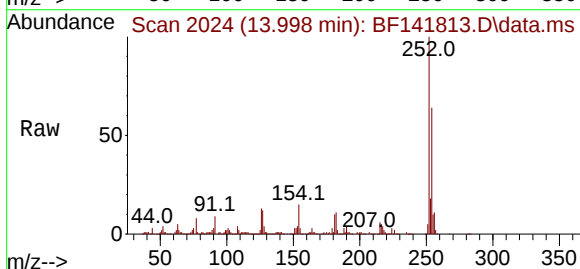
Tgt Ion:252 Resp: 380589

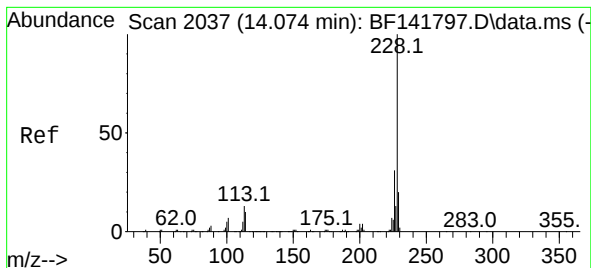
Ion Ratio Lower Upper

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

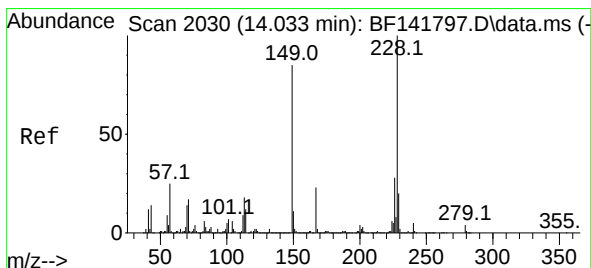
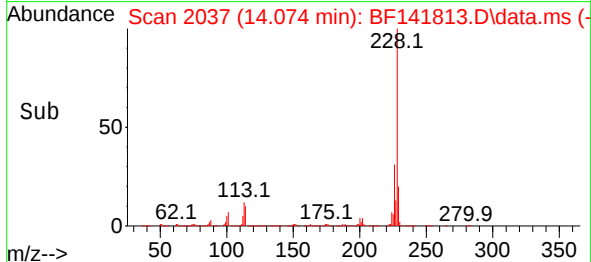
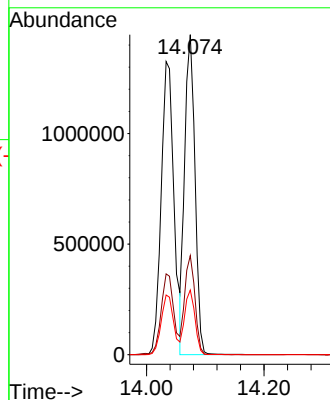
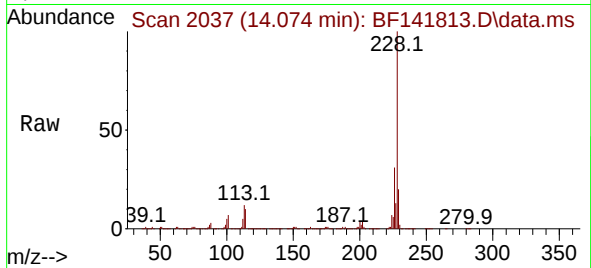
Tgt Ion:228 Resp: 1759614

Ion Ratio Lower Upper

228 100

226 30.9 24.6 37.0

229 20.2 16.1 24.1



#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

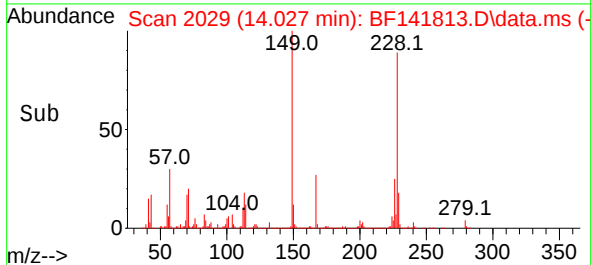
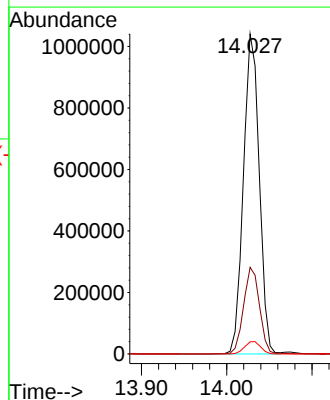
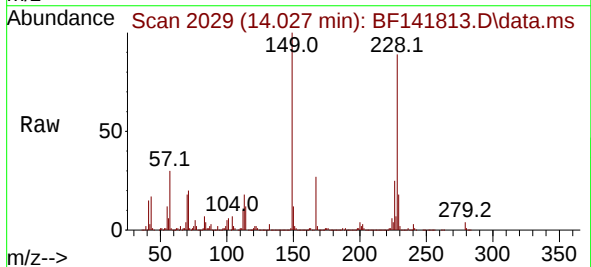
Tgt Ion:149 Resp: 1341149

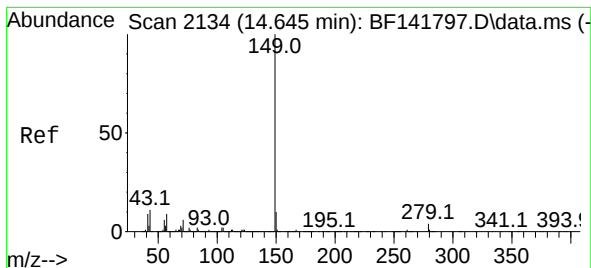
Ion Ratio Lower Upper

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

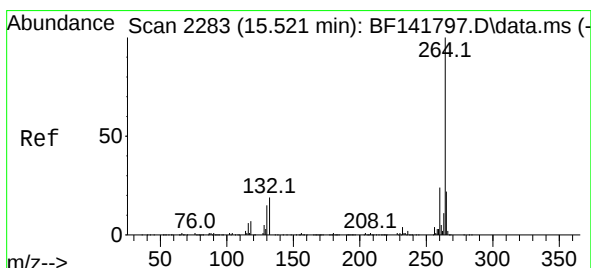
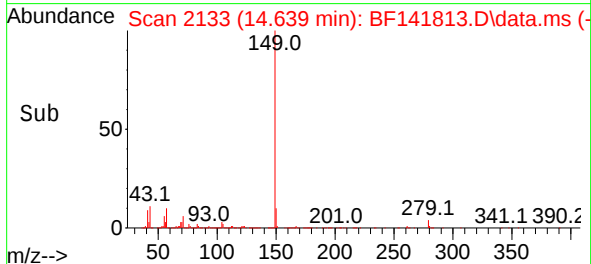
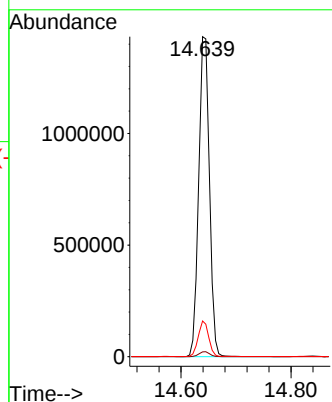
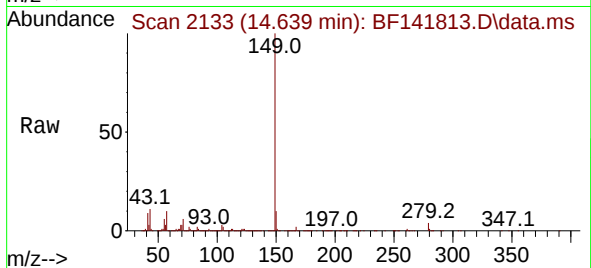
Tgt Ion:149 Resp: 1945518

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 10.8 8.6 12.8



#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

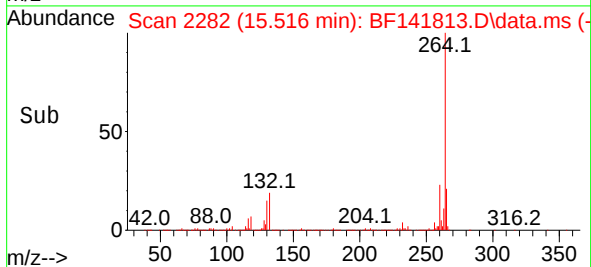
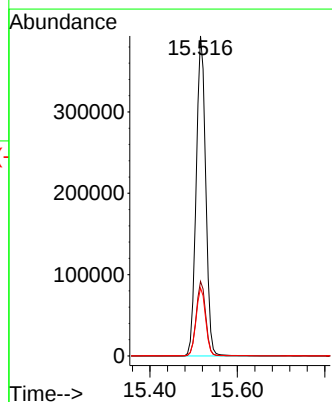
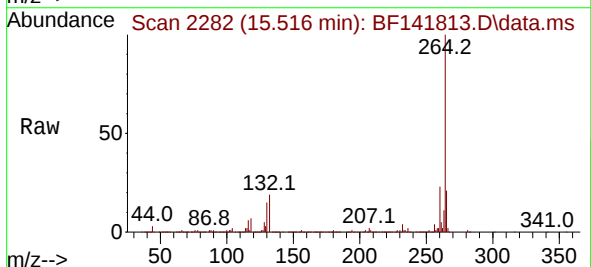
Tgt Ion:264 Resp: 595878

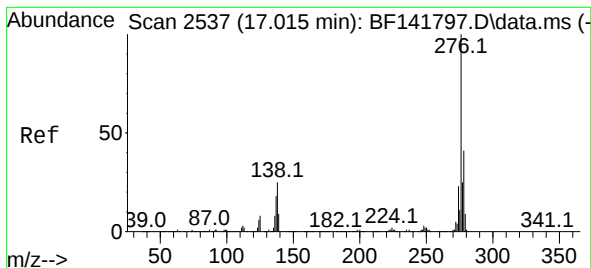
Ion Ratio Lower Upper

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

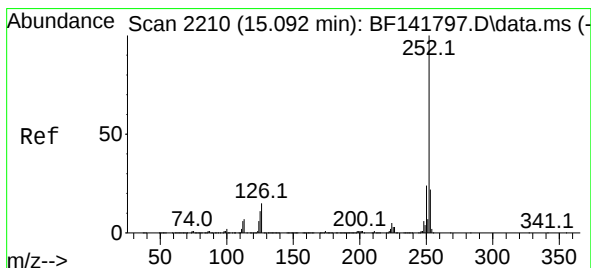
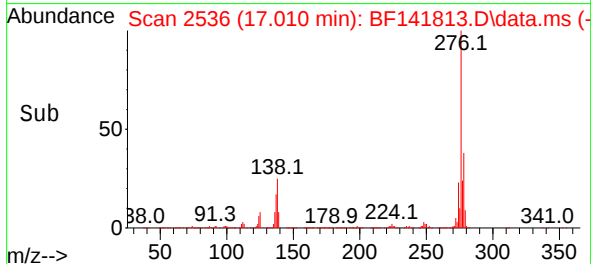
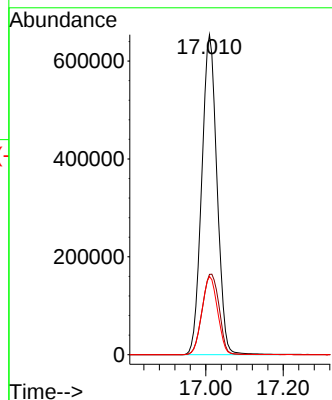
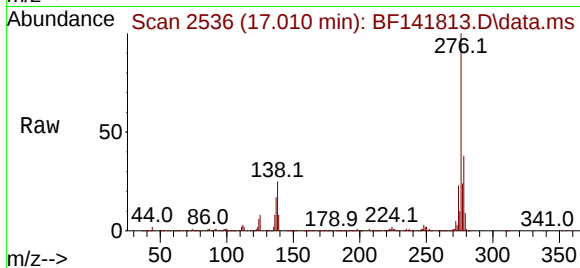
Tgt Ion:276 Resp: 1783584

Ion Ratio Lower Upper

276 100

138 27.9 22.5 33.7

277 25.3 20.3 30.5



#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

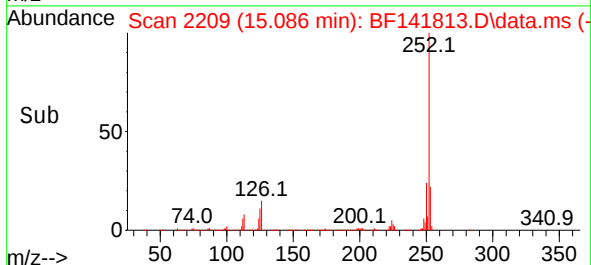
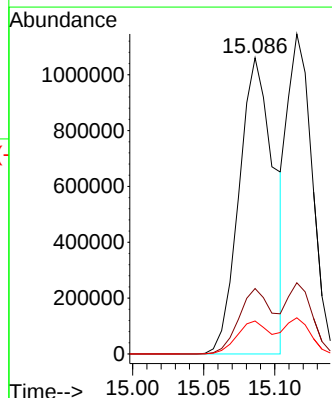
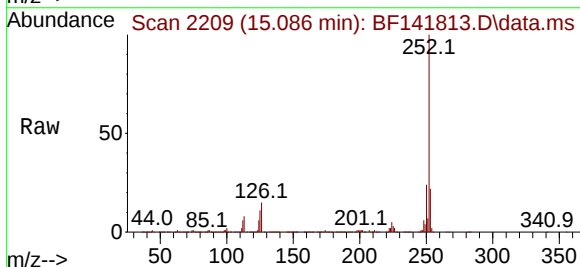
Tgt Ion:252 Resp: 1808141

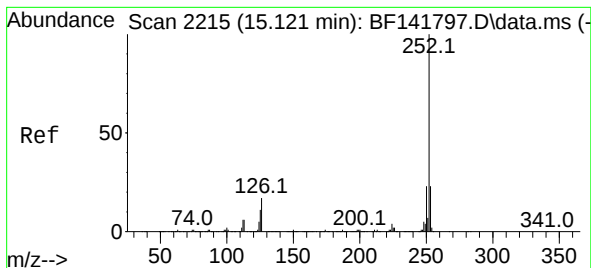
Ion Ratio Lower Upper

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# 2215

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

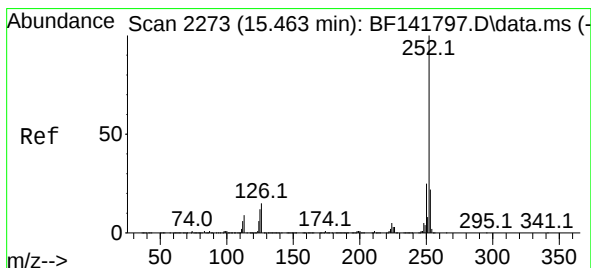
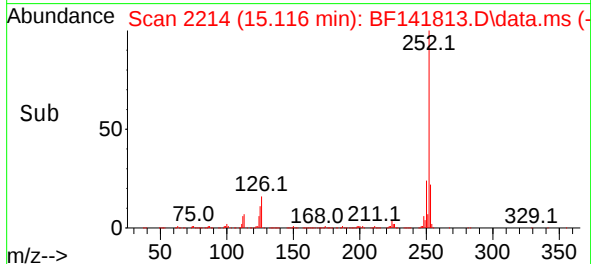
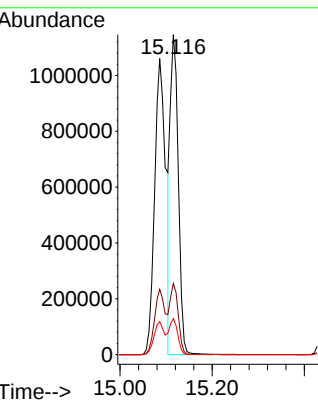
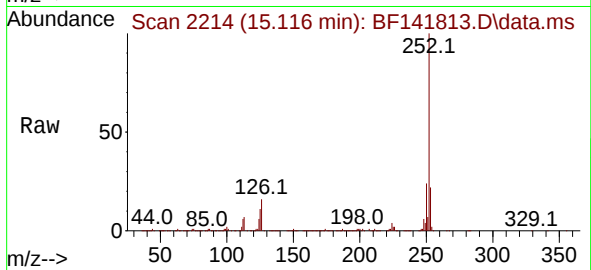
Tgt Ion:252 Resp: 1395324

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

125 11.3 8.8 13.2



#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

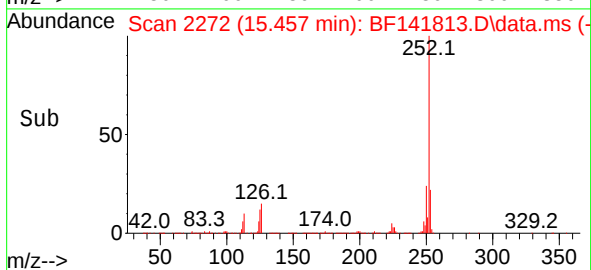
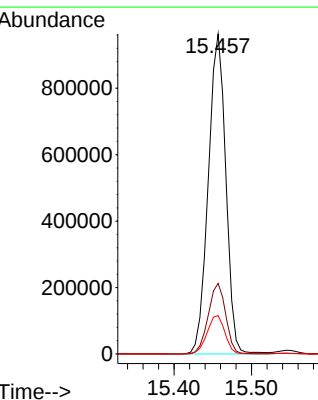
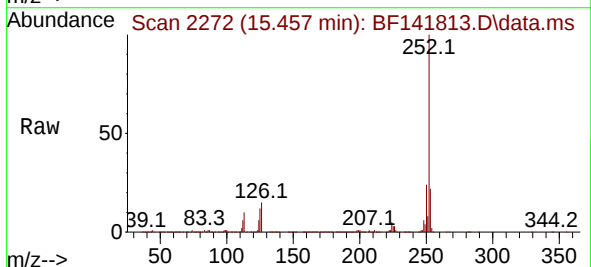
Tgt Ion:252 Resp: 1512456

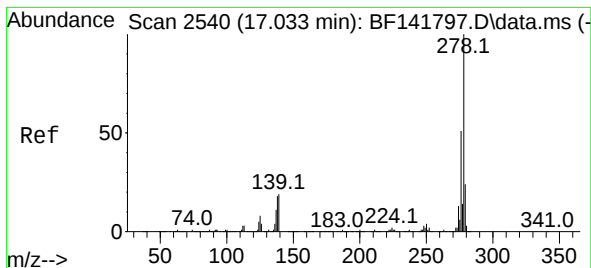
Ion Ratio Lower Upper

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# 2540

Delta R.T. -0.006 min

Lab File: BF141813.D

Acq: 03 Mar 2025 15:15

Instrument :

BNA_F

ClientSampleId :

PB166948BS

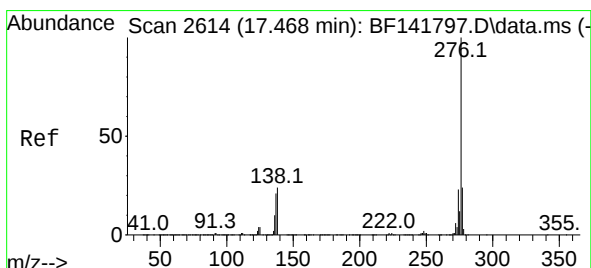
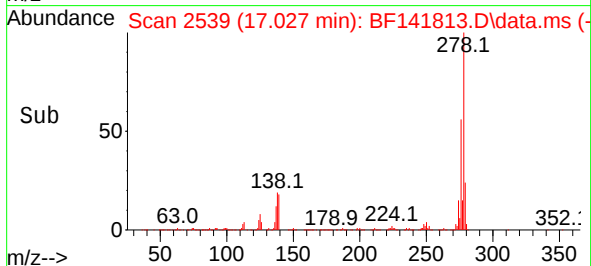
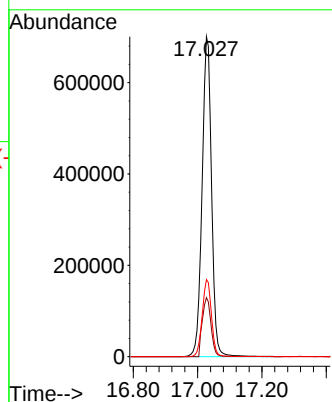
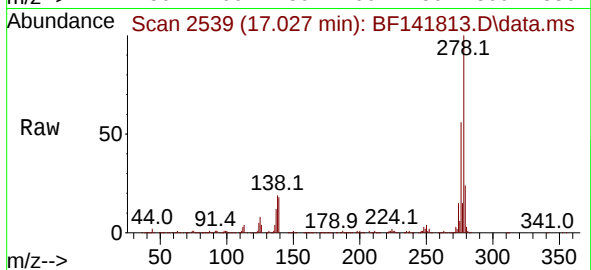
Tgt Ion:278 Resp: 1434269

Ion Ratio Lower Upper

278 100

139 18.4 14.9 22.3

279 24.1 19.3 28.9



#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

