

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121924\
 Data File : BF140938.D
 Acq On : 19 Dec 2024 20:26
 Operator : RC/JU
 Sample : P5342-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHT26634

Quant Time: Dec 20 00:10:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	41008	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	139314	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	70237	20.000	ng	0.02
64) Phenanthrene-d10	11.439	188	75431	20.000	ng	# 0.06
76) Chrysene-d12	14.063	240	83894	20.000	ng	# 0.03
86) Perylene-d12	15.551	264	75802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	203426	81.661	ng	0.00
7) Phenol-d6	6.504	99	269625	81.718	ng	0.00
23) Nitrobenzene-d5	7.416	82	149764	53.784	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	58643	70.594	ng	0.04
45) 2-Fluorobiphenyl	9.204	172	271180	53.082	ng	0.00
79) Terphenyl-d14	13.022	244	240149	45.138	ng	0.06
Target Compounds						Qvalue
28) bis(2-Chloroethoxy)met...	7.622	93	6770	2.323	ng	97
31) Naphthalene	8.151	128	91548	11.963	ng	99
33) 4-Chloroaniline	8.151	127	11283	4.439	ng	# 45
35) Caprolactam	8.545	113	3162	5.014	ng	# 1
37) 2-Methylnaphthalene	8.845	142	101887	20.127	ng	100
38) 1-Methylnaphthalene	8.945	142	58975	11.780	ng	96
43) 2,4,6-Trichlorophenol	9.122	196	3108	2.351	ng	# 12
46) 1,1'-Biphenyl	9.310	154	42505	7.610	ng	90
48) 2-Nitroaniline	9.281	65	7790	6.037	ng	93
49) Acenaphthylene	9.763	152	35270	5.617	ng	# 1
50) Dimethylphthalate	9.610	163	14659	2.960	ng	# 1
51) 2,6-Dinitrotoluene	9.698	165	26130	23.082	ng	# 32
52) Acenaphthene	9.939	154	96937	24.168	ng	# 87
53) 3-Nitroaniline	9.851	138	27122	24.142	ng	# 22
54) 2,4-Dinitrophenol	10.028	184	417	7.234	ng	# 1
55) Dibenzofuran	10.116	168	130350	20.973	ng	# 76
56) 4-Nitrophenol	10.016	139	4823	11.980	ng	# 1
57) 2,4-Dinitrotoluene	10.139	165	19713	13.235	ng	# 35
58) Fluorene	10.469	166	101559	19.807	ng	# 71
59) 2,3,4,6-Tetrachlorophenol	10.222	232	4671	3.945	ng	# 1
60) Diethylphthalate	10.339	149	48652	9.475	ng	# 13
61) 4-Chlorophenyl-phenyle...	10.475	204	19051	7.397	ng	# 1
62) 4-Nitroaniline	10.375	138	53661	45.709	ng	79
63) Azobenzene	10.628	77	76907	15.931	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.533	198	2463	5.762	ng	# 1
66) n-Nitrosodiphenylamine	10.622	169	6906	2.978	ng	# 42
67) 4-Bromophenyl-phenylether	10.898	248	2422	2.870	ng	# 1
69) Atrazine	11.128	200	3557	5.492	ng	# 1
70) Pentachlorophenol	11.275	266	12689	36.275	ng	# 18
71) Phenanthrene	11.469	178	407551	105.066	ng	# 78
72) Anthracene	11.522	178	82036	21.475	ng	# 35
73) Carbazole	11.669	167	50809	13.579	ng	# 1
74) Di-n-butylphthalate	12.004	149	68839	15.676	ng	# 29
75) Fluoranthene	12.680	202	549341	122.970	ng	92
77) Benzidine	12.716	184	3711	2.167	ng	# 1
78) Pyrene	12.904	202	526016	70.508	ng	# 94

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

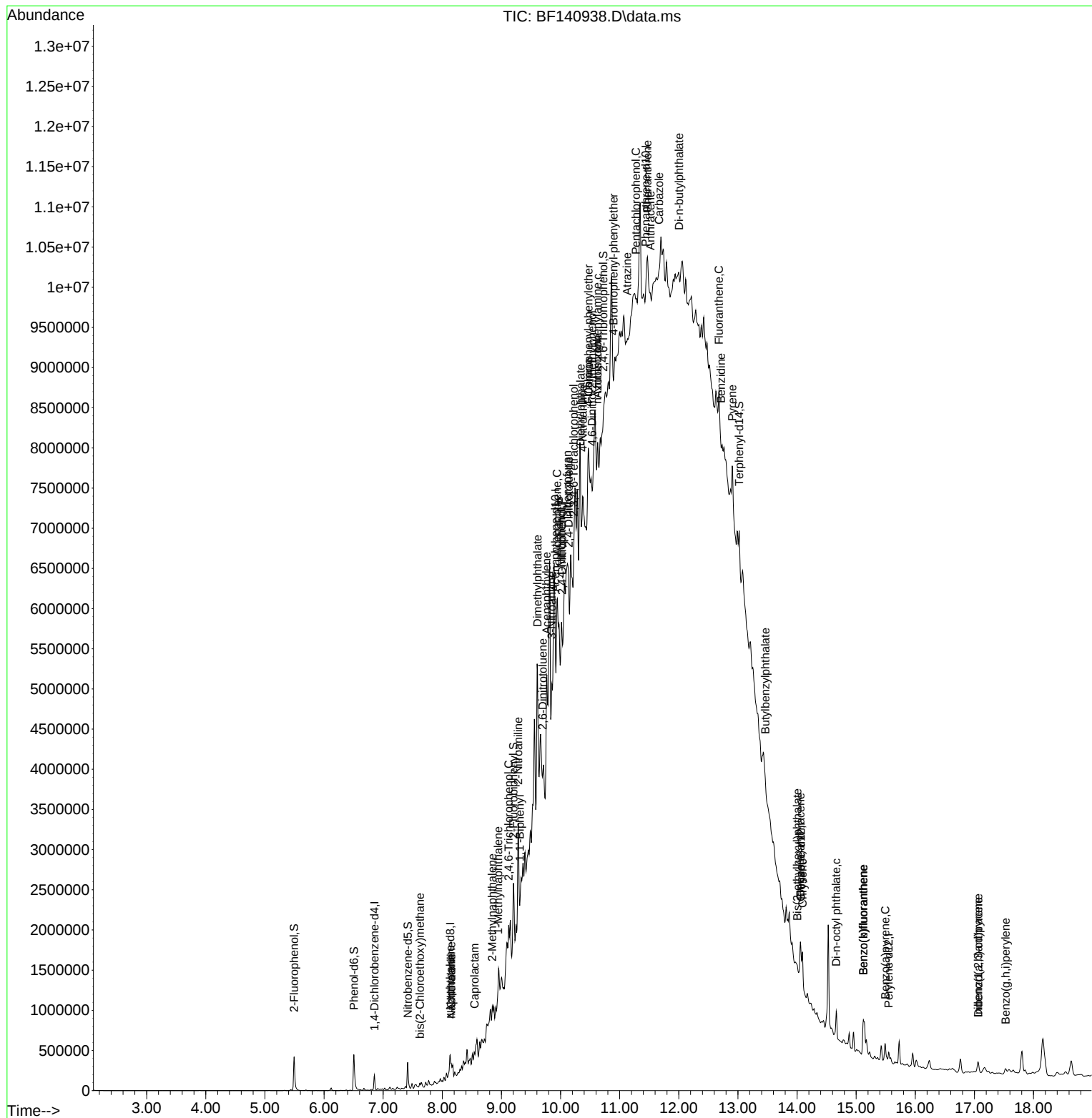
80) Butylbenzylphthalate	13.463	149	16041	5.844	ng	# 50
81) Benzo(a)anthracene	14.057	228	226344	38.068	ng	96
83) Chrysene	14.092	228	257812	47.683	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	31150	8.801	ng	# 83
85) Di-n-octyl phthalate	14.663	149	47166	8.808	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.062	276	74112	15.667	ng	95
88) Benzo(b)fluoranthene	15.121	252	371935	70.686	ng	# 97
89) Benzo(k)fluoranthene	15.121	252	371935	82.404	ng	# 96
90) Benzo(a)pyrene	15.492	252	130008	31.554	ng	# 96
91) Dibenzo(a,h)anthracene	17.062	278	18662	4.762	ng	# 81
92) Benzo(g,h,i)perylene	17.527	276	59295	14.867	ng	94

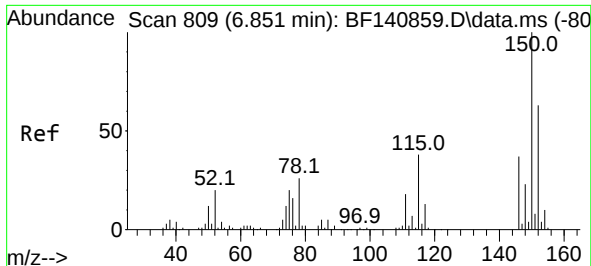
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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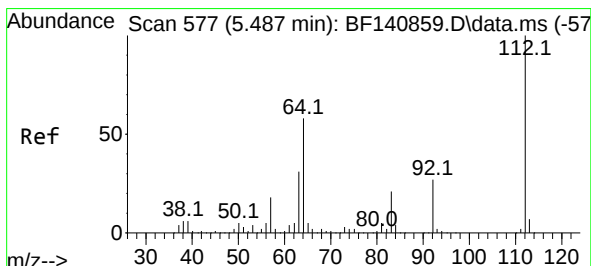
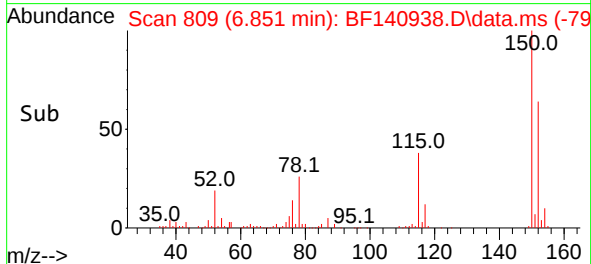
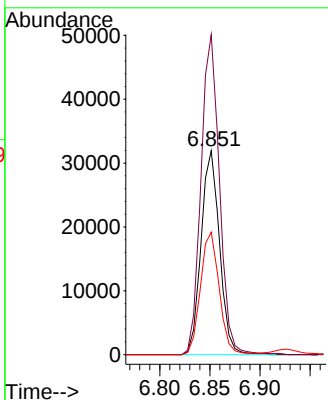
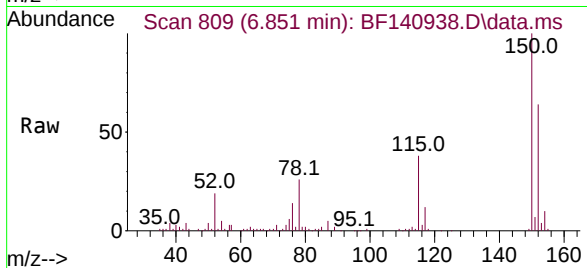




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

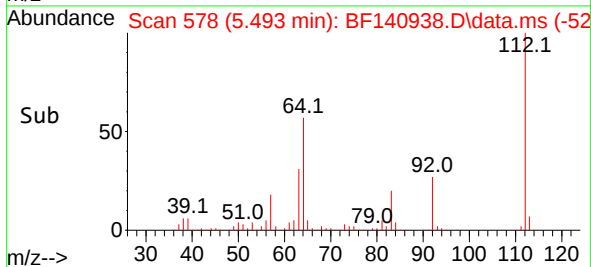
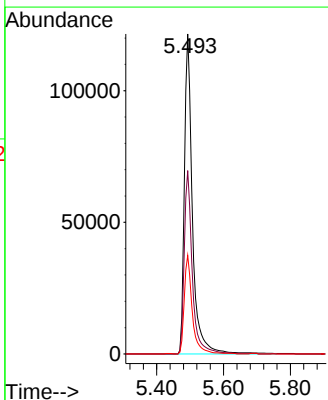
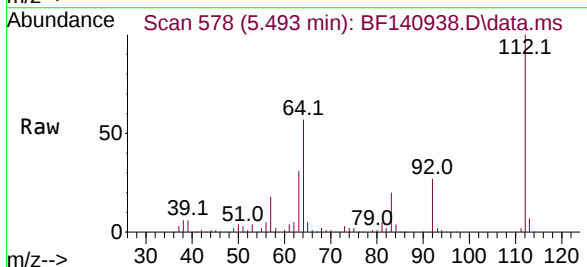
Instrument :
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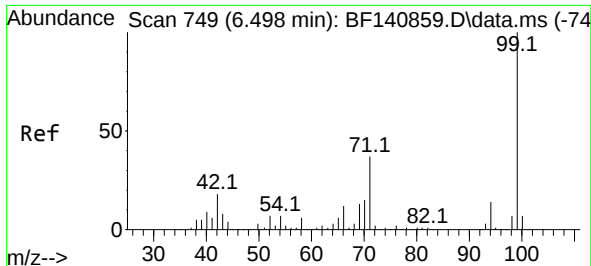
Tgt Ion:152 Resp: 41008
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.9 191.9
 115 60.0 48.0 72.0



#5
 2-Fluorophenol
 Concen: 81.661 ng
 RT: 5.493 min Scan# 578
 Delta R.T. 0.006 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

Tgt Ion:112 Resp: 203426
 Ion Ratio Lower Upper
 112 100
 64 57.3 46.1 69.1
 63 30.8 24.9 37.3

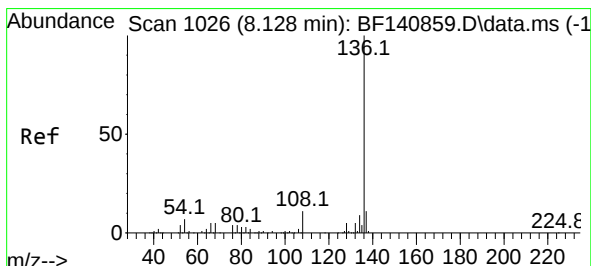
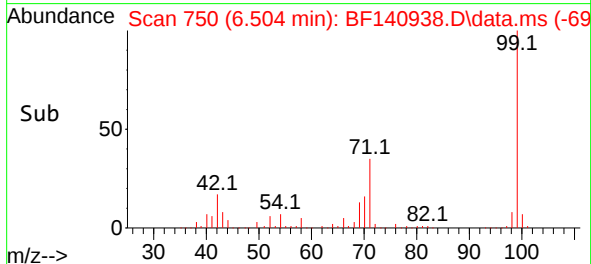
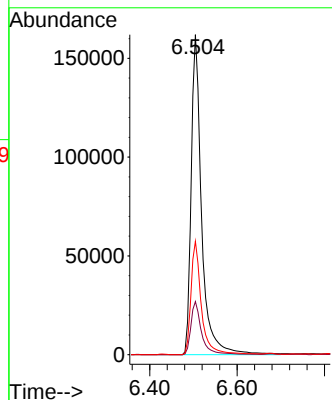
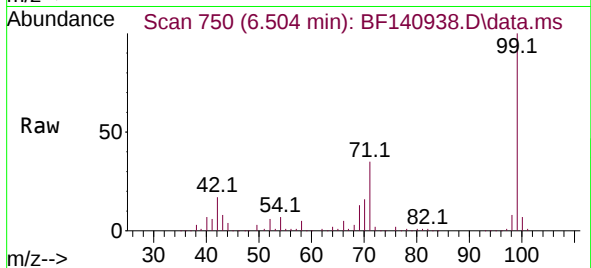




#7
Phenol-d6
Concen: 81.718 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

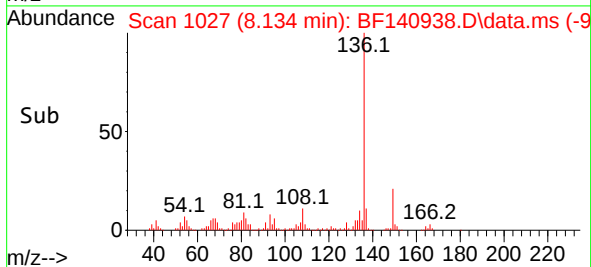
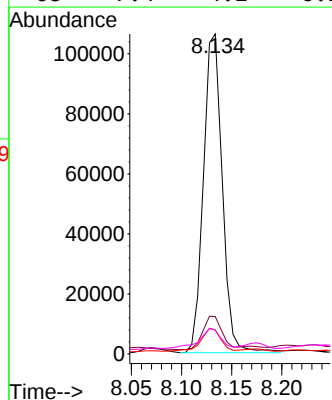
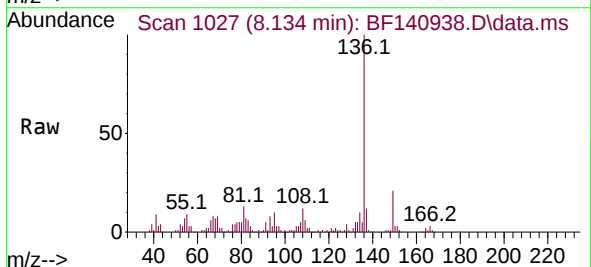
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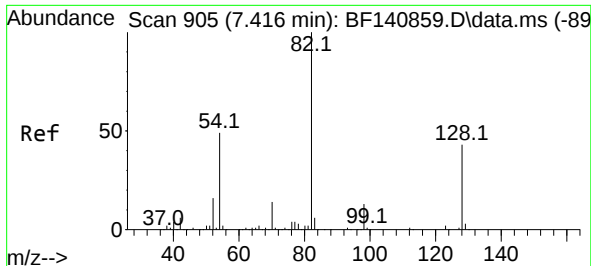
Tgt Ion: 99 Resp: 269625
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.4 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1027
Delta R.T. 0.006 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion: 136 Resp: 139314
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 7.5 5.6 8.4
68 7.4 4.2 6.2#

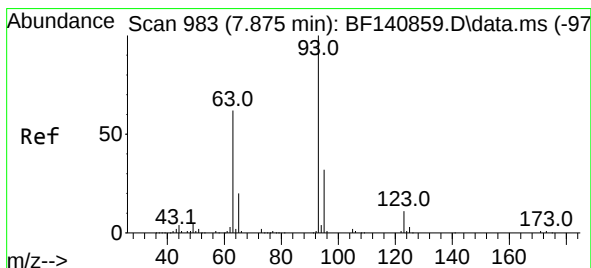
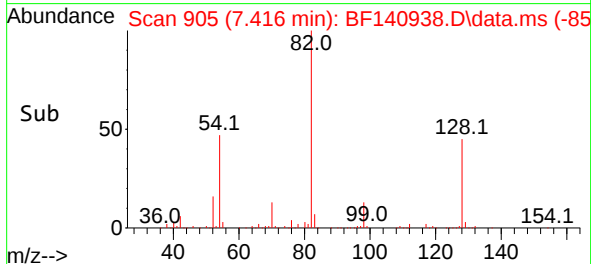
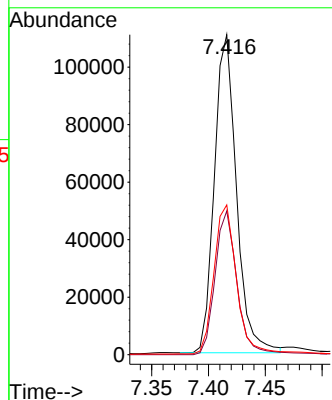
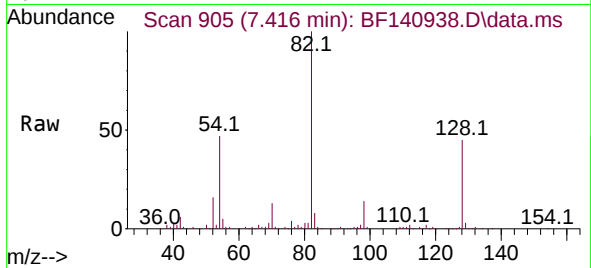




#23
Nitrobenzene-d5
Concen: 53.784 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

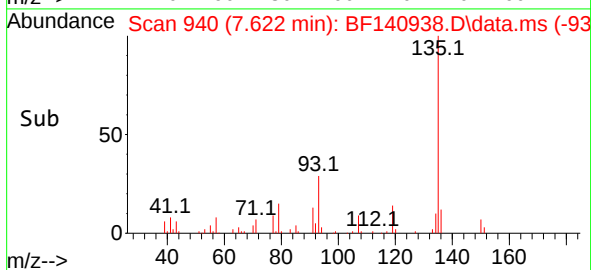
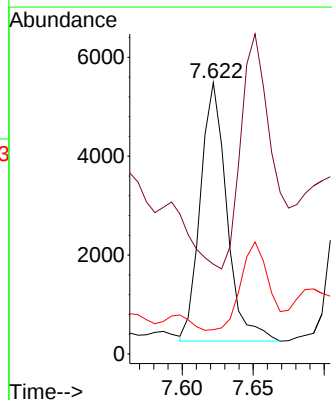
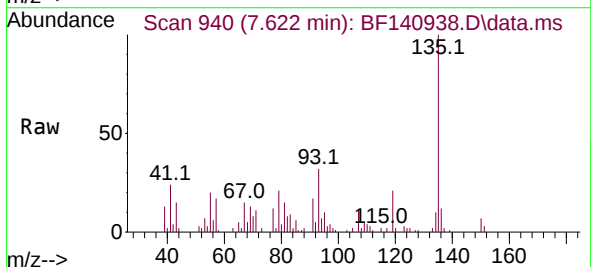
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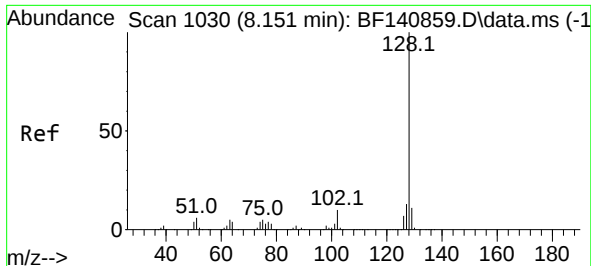
Tgt Ion: 82 Resp: 149764
Ion Ratio Lower Upper
82 100
128 44.9 34.4 51.6
54 46.8 38.8 58.2



#28
bis(2-Chloroethoxy)methane
Concen: 2.323 ng
RT: 7.622 min Scan# 940
Delta R.T. -0.253 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion: 93 Resp: 6770
Ion Ratio Lower Upper
93 100
95 33.1 25.3 37.9
123 8.9 8.6 13.0

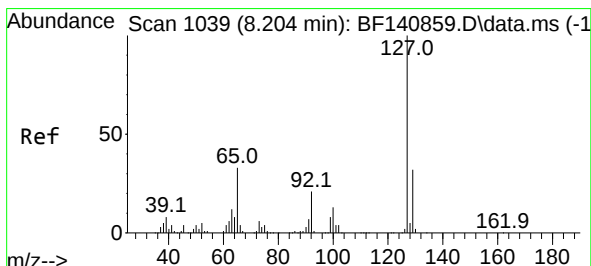
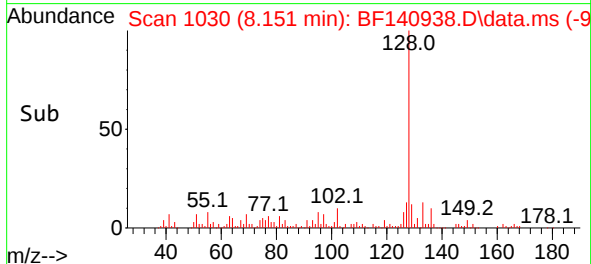
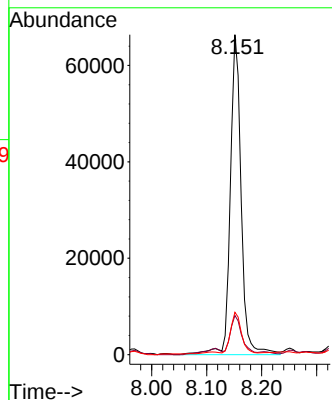
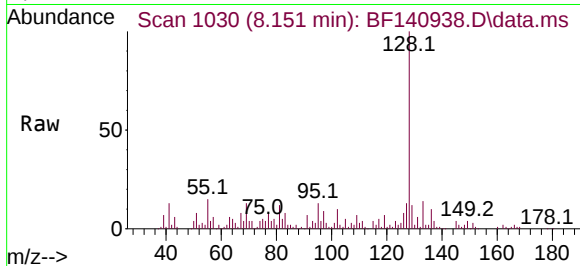




#31
Naphthalene
Concen: 11.963 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

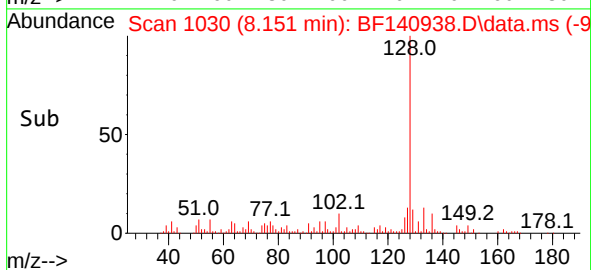
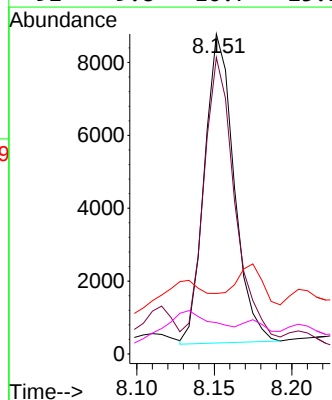
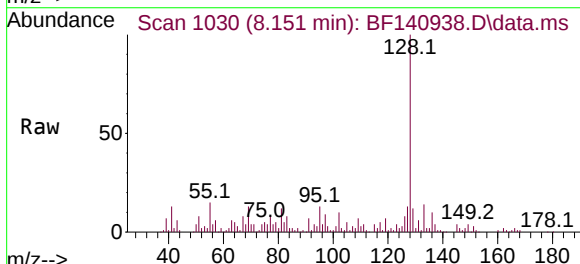
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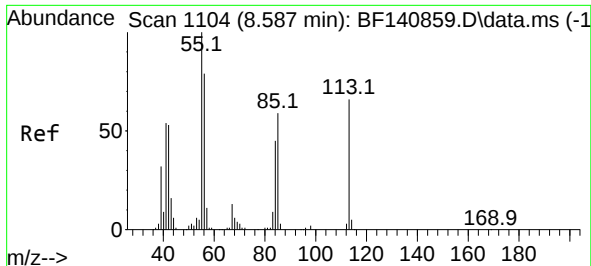
Tgt Ion:	128	Resp:	91548
Ion	Ratio	Lower	Upper
128	100		
129	12.3	8.9	13.3
127	13.2	10.6	16.0



#33
4-Chloroaniline
Concen: 4.439 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.053 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:	127	Resp:	11283
Ion	Ratio	Lower	Upper
127	100		
129	92.6	26.0	39.0#
65	18.9	26.0	39.0#
92	9.8	16.7	25.1#

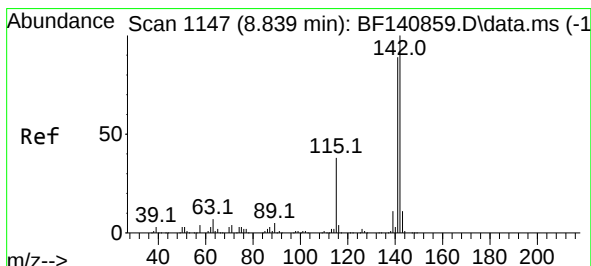
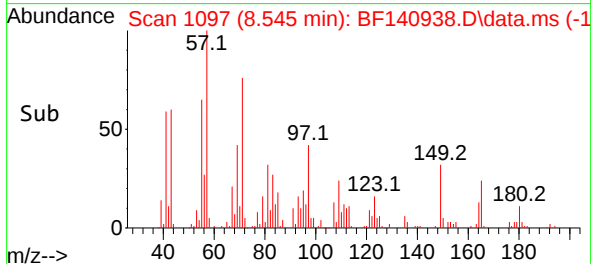
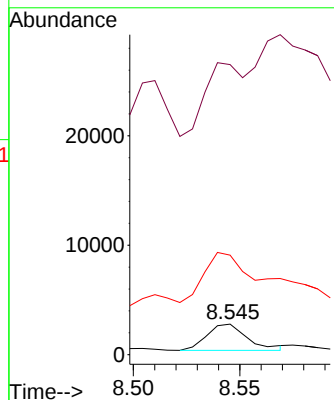
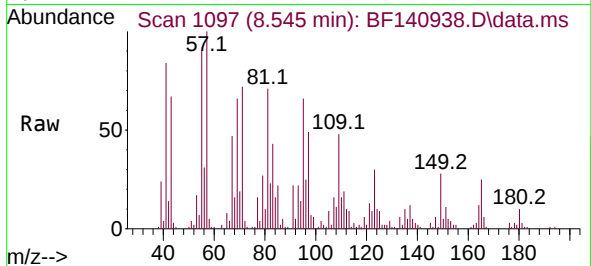




#35
 Caprolactam
 Concen: 5.014 ng
 RT: 8.545 min Scan# 1104
 Delta R.T. -0.041 min
 Lab File: BF140938.D
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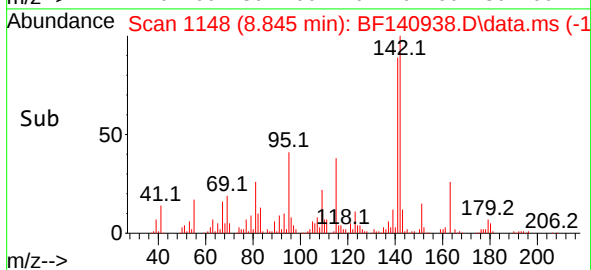
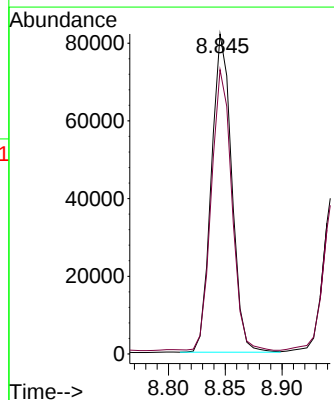
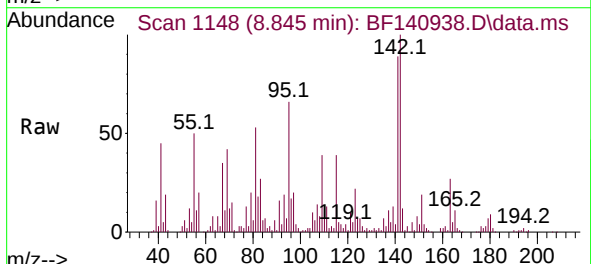
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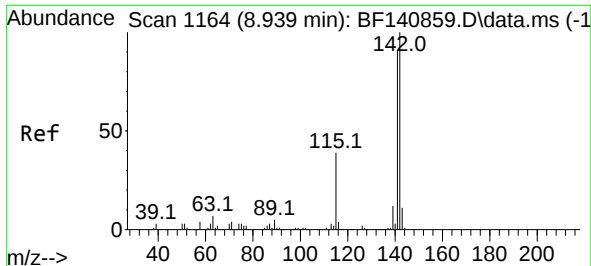
Tgt Ion:113 Resp: 3162
 Ion Ratio Lower Upper
 113 100
 55 951.3 132.3 172.3#
 56 326.5 100.3 140.3#



#37
 2-Methylnaphthalene
 Concen: 20.127 ng
 RT: 8.845 min Scan# 1148
 Delta R.T. 0.006 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

Tgt Ion:142 Resp: 101887
 Ion Ratio Lower Upper
 142 100
 141 88.8 71.0 106.6

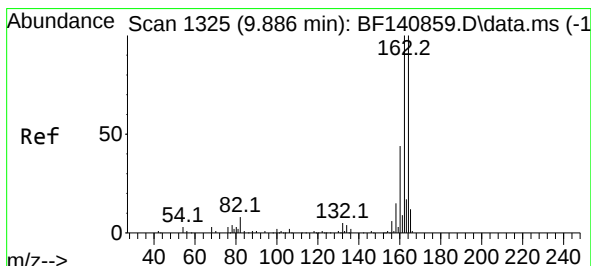
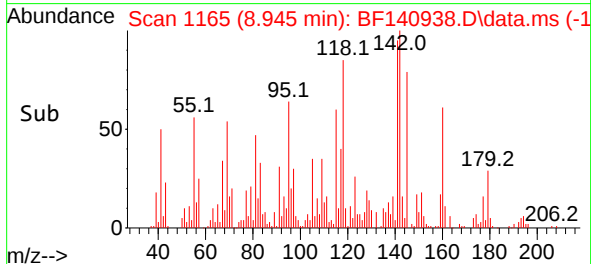
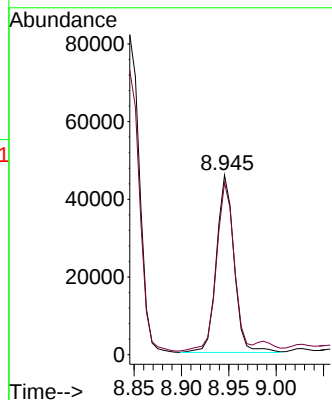
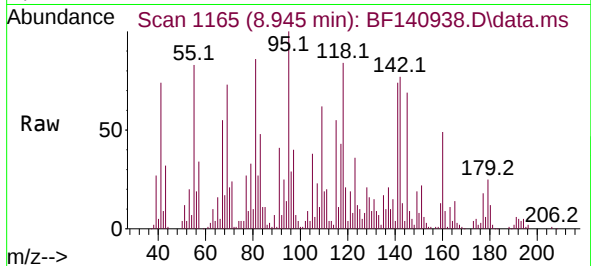




#38
1-Methylnaphthalene
Concen: 11.780 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
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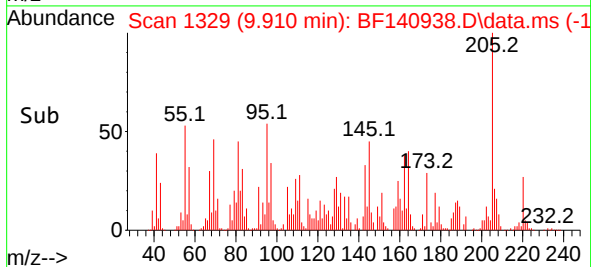
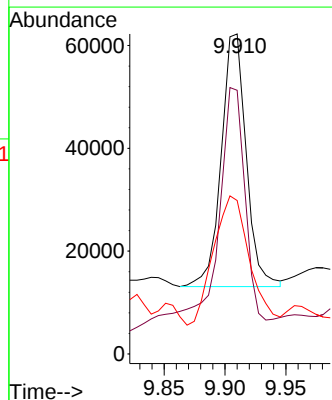
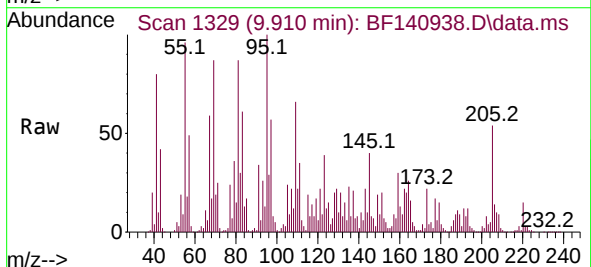
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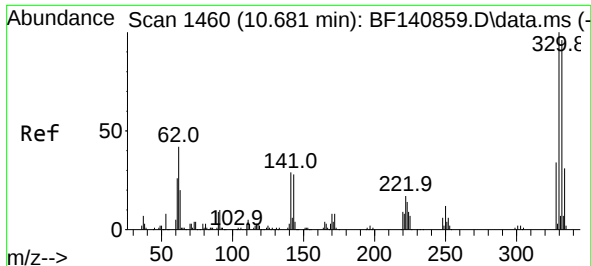
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Ion Ratio Lower Upper
142 100
141 95.9 73.4 110.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.024 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:164 Resp: 70237
Ion Ratio Lower Upper
164 100
162 82.4 79.9 119.9
160 47.9 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 70.594 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.041 min

Lab File: BF140938.D

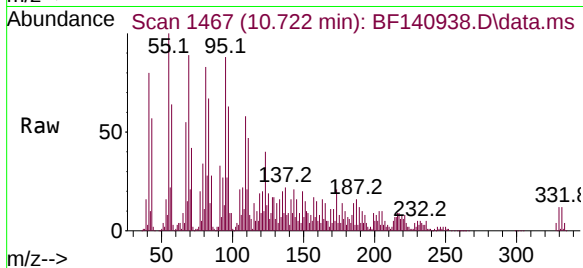
Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634



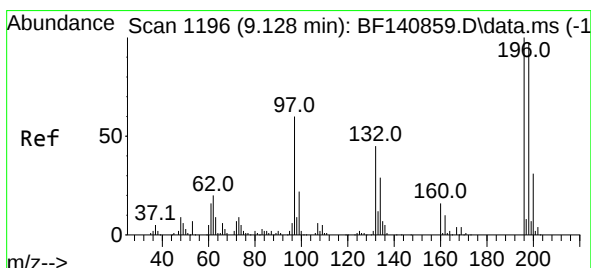
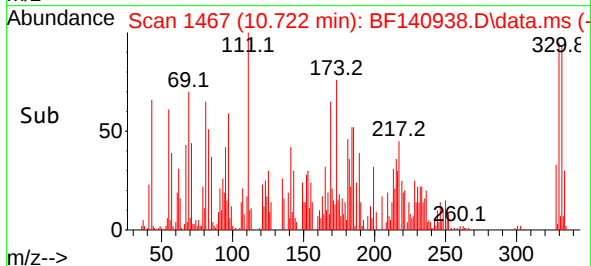
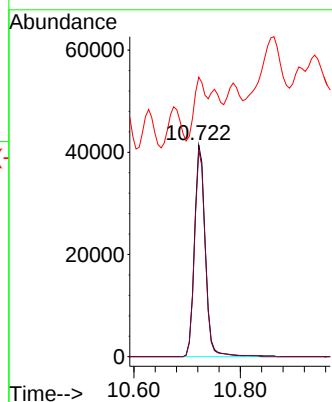
Tgt Ion:330 Resp: 58643

Ion Ratio Lower Upper

330 100

332 96.8 76.2 114.4

141 33.8 24.9 37.3



#43

2,4,6-Trichlorophenol

Concen: 2.351 ng

RT: 9.122 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

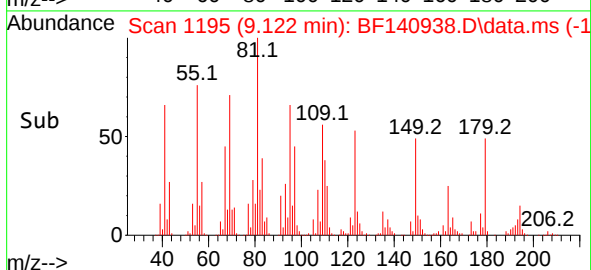
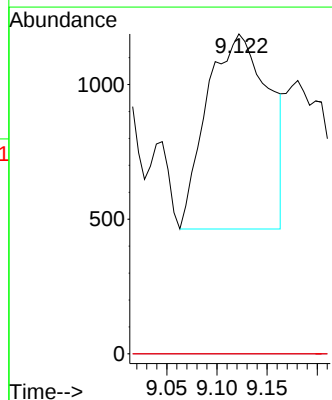
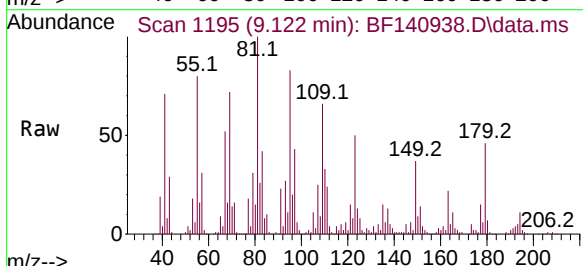
Tgt Ion:196 Resp: 3108

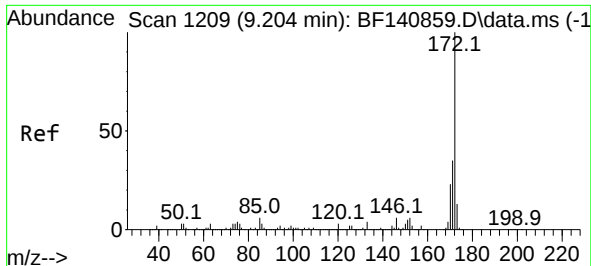
Ion Ratio Lower Upper

196 100

198 0.0 77.4 116.0#

200 0.0 24.5 36.7#

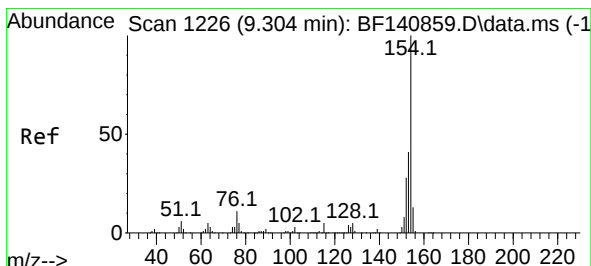
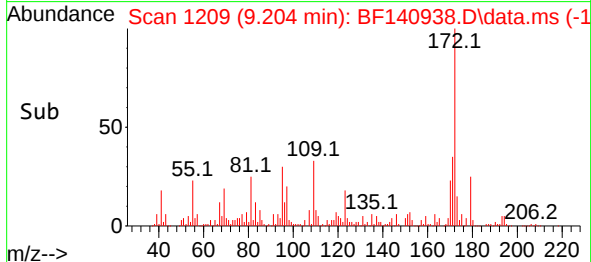
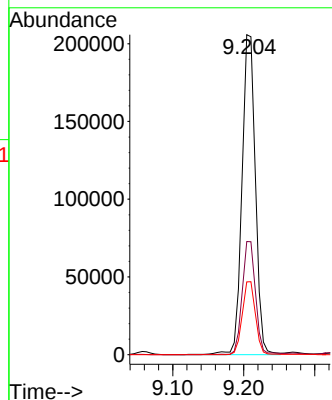
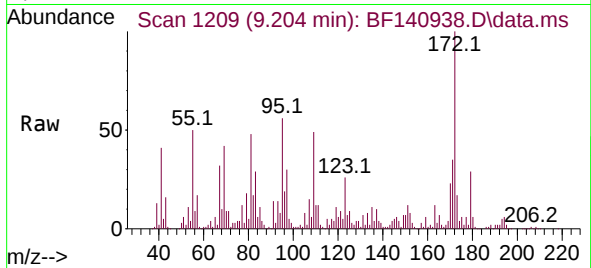




#45
2-Fluorobiphenyl
Concen: 53.082 ng
RT: 9.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

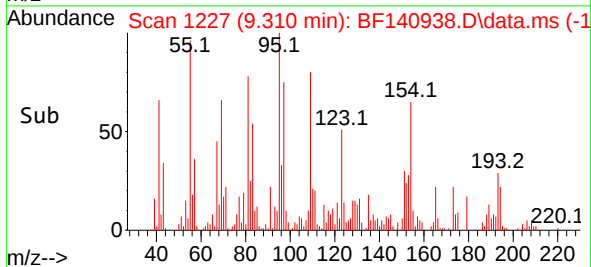
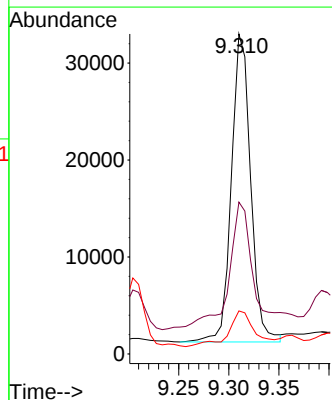
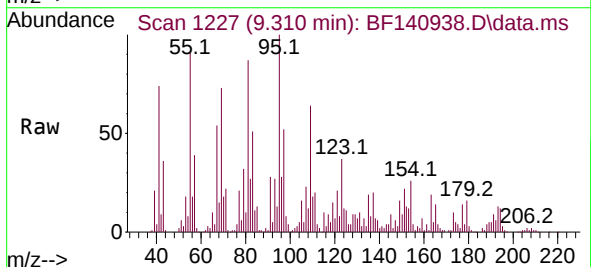
Instrument :
BNA_F
ClientSampleId :
CHRT26634

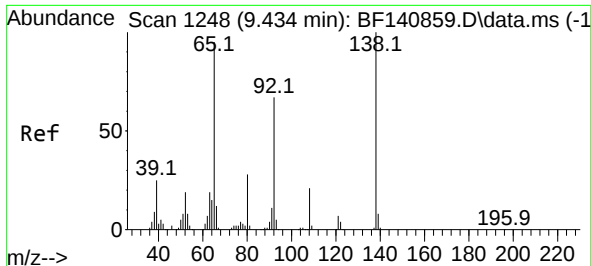
Tgt Ion:172 Resp: 271180
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 22.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 7.610 ng
RT: 9.310 min Scan# 1227
Delta R.T. 0.006 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:154 Resp: 42505
Ion Ratio Lower Upper
154 100
153 47.4 20.8 60.8
76 13.4 0.0 31.0





#48

2-Nitroaniline

Concen: 6.037 ng

RT: 9.281 min Scan# 1

Delta R.T. -0.153 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

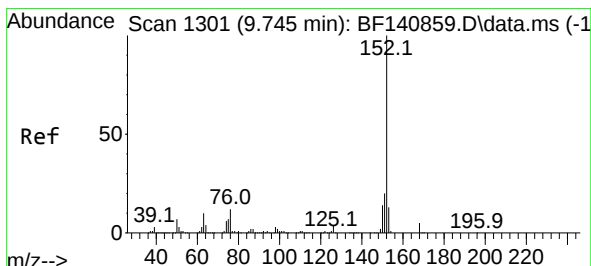
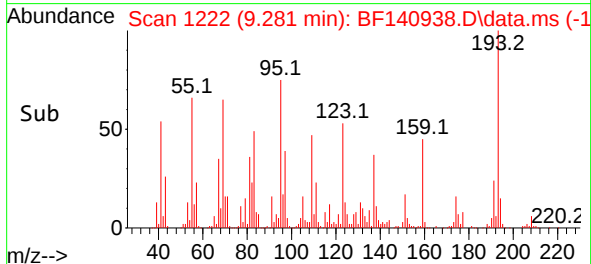
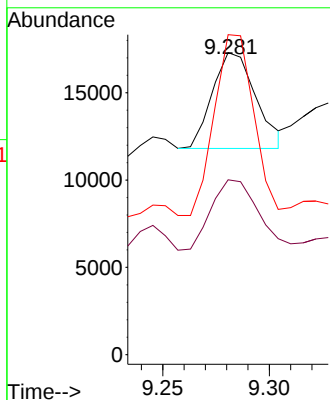
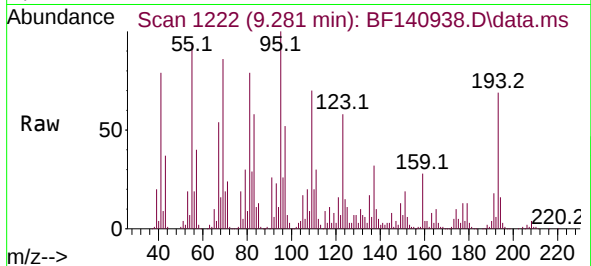
Tgt Ion: 65 Resp: 7790

Ion Ratio Lower Upper

65 100

92 57.9 56.3 84.5

138 105.9 83.8 125.6



#49

Acenaphthylene

Concen: 5.617 ng

RT: 9.763 min Scan# 1304

Delta R.T. 0.018 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

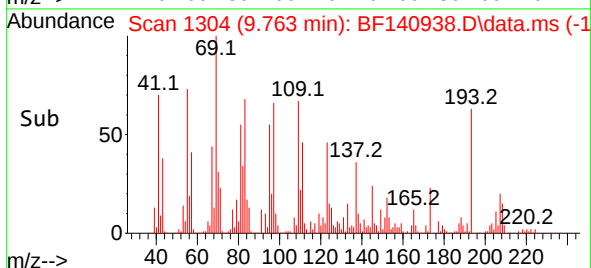
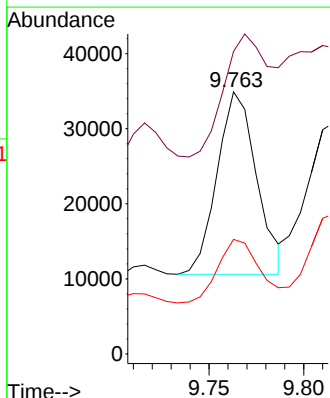
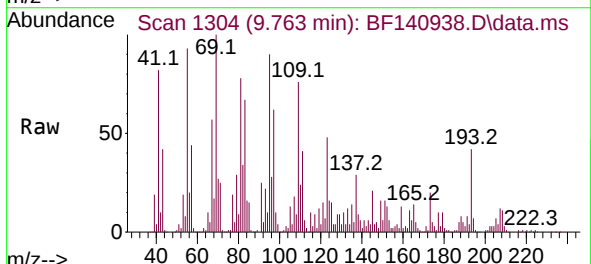
Tgt Ion: 152 Resp: 35270

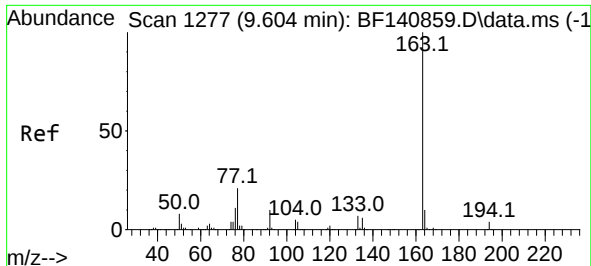
Ion Ratio Lower Upper

152 100

151 115.4 16.0 24.0#

153 43.7 10.6 16.0#

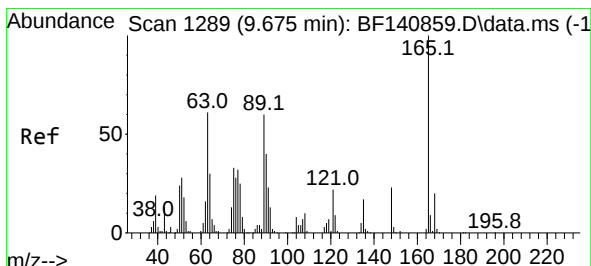
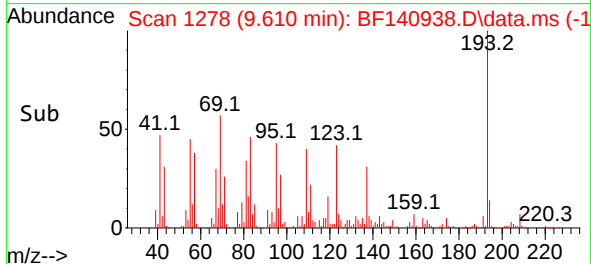
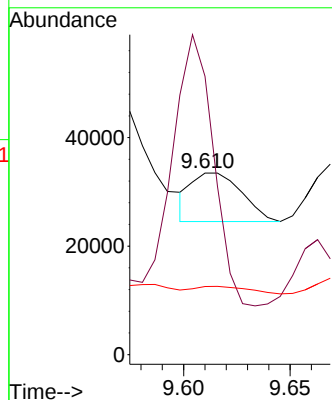
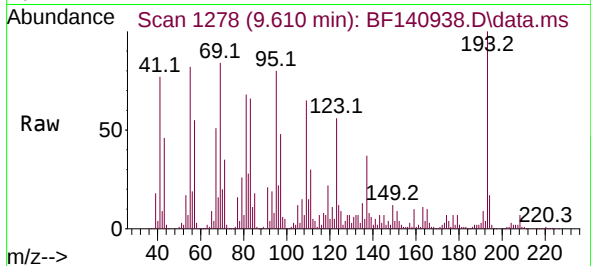




#50
Dimethylphthalate
Concen: 2.960 ng
RT: 9.610 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

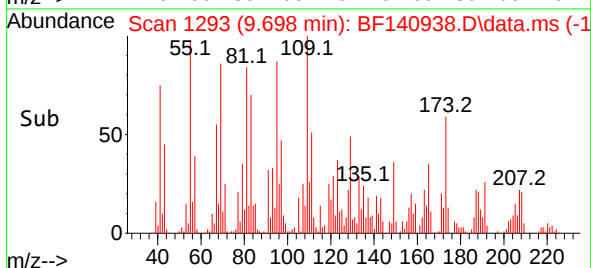
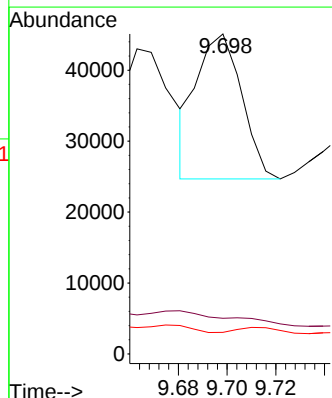
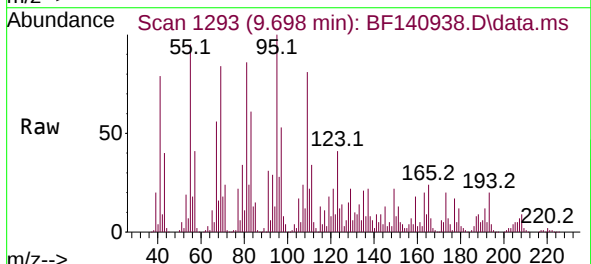
Instrument :
BNA_F
ClientSampleId :
CHRT26634

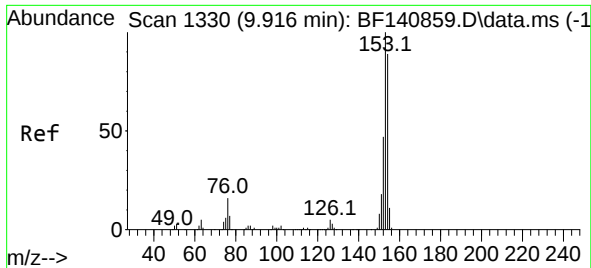
Tgt Ion:163 Resp: 14659
Ion Ratio Lower Upper
163 100
194 153.3 3.1 4.7#
164 37.5 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 23.082 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.024 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:165 Resp: 26130
Ion Ratio Lower Upper
165 100
63 11.1 49.7 74.5#
89 6.7 48.2 72.4#

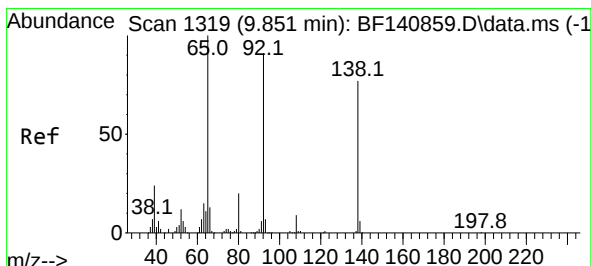
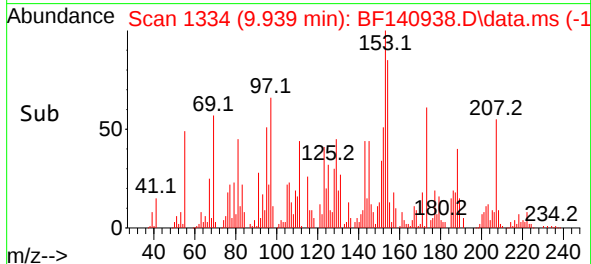
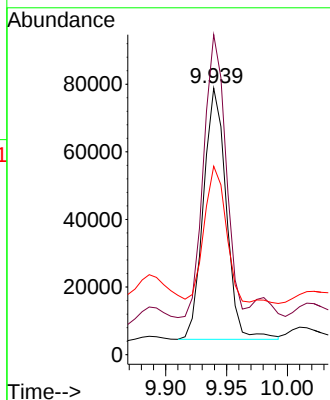
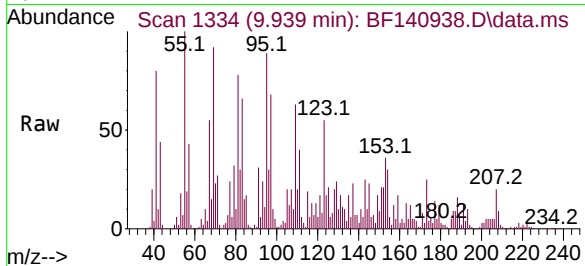




#52
Acenaphthene
Concen: 24.168 ng
RT: 9.939 min Scan# 1334
Delta R.T. 0.024 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

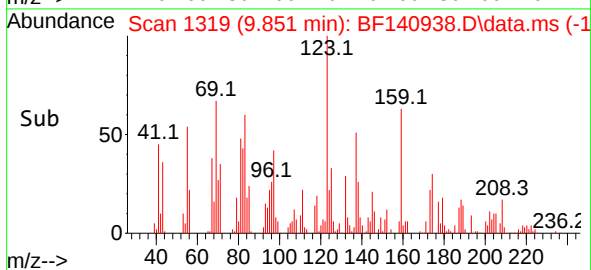
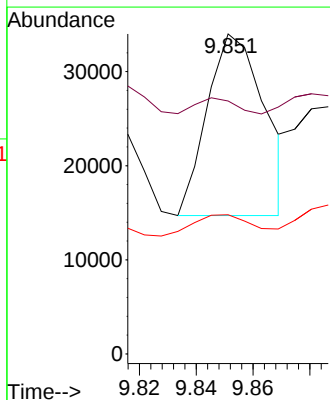
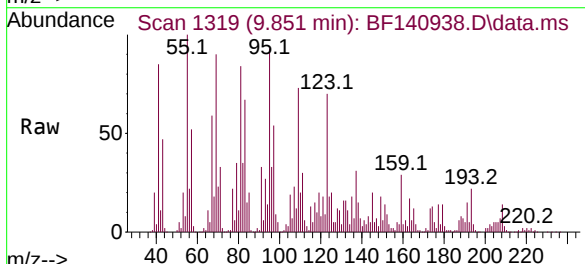
Instrument :
BNA_F
ClientSampleId :
CHRT26634

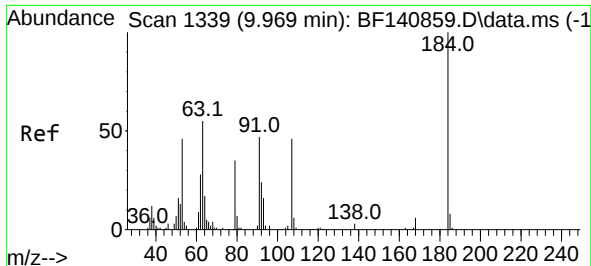
Tgt Ion:154 Resp: 96937
Ion Ratio Lower Upper
154 100
153 120.0 89.9 134.9
152 70.7 42.6 63.8#



#53
3-Nitroaniline
Concen: 24.142 ng
RT: 9.851 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:138 Resp: 27122
Ion Ratio Lower Upper
138 100
108 79.0 9.0 13.4#
92 43.5 95.5 143.3#

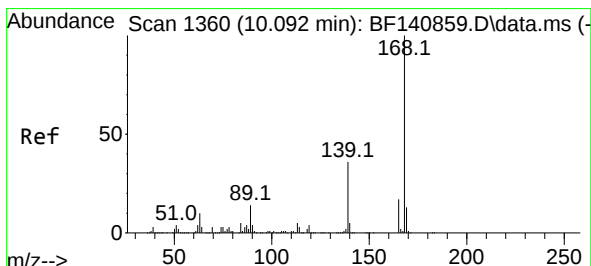
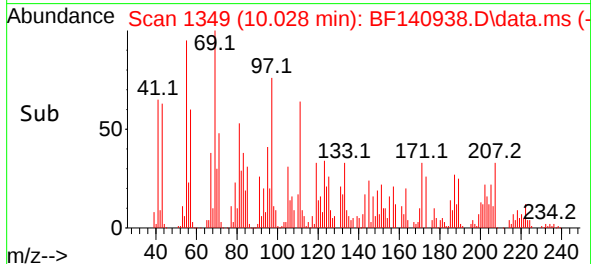
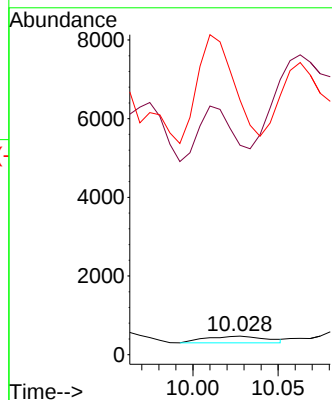
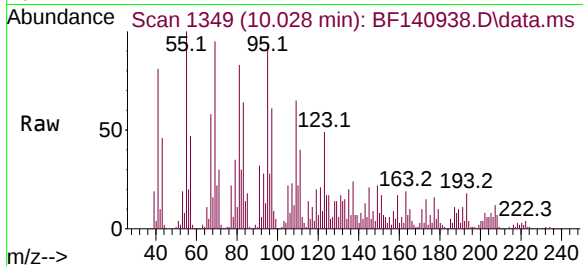




#54
2,4-Dinitrophenol
Concen: 7.234 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.059 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

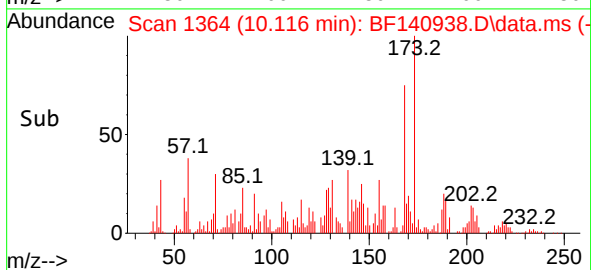
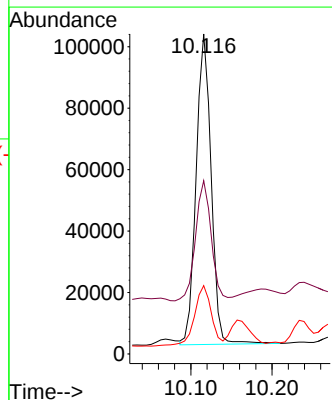
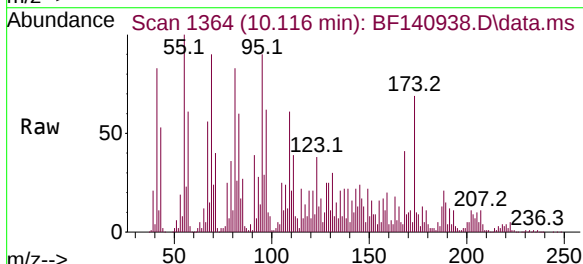
Instrument :
BNA_F
ClientSampleId :
CHRT26634

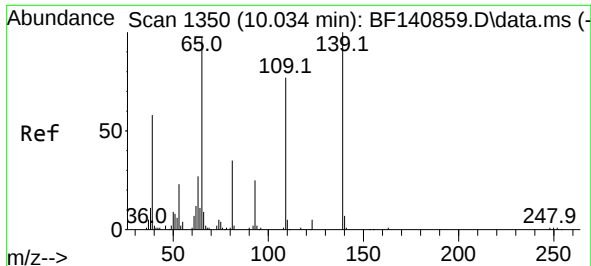
Tgt Ion:184 Resp: 417
Ion Ratio Lower Upper
184 100
63 1128.6 51.6 77.4#
154 1371.0 56.1 84.1#



#55
Dibenzofuran
Concen: 20.973 ng
RT: 10.116 min Scan# 1364
Delta R.T. 0.024 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:168 Resp: 130350
Ion Ratio Lower Upper
168 100
139 54.1 31.1 46.7#
169 21.3 10.6 16.0#

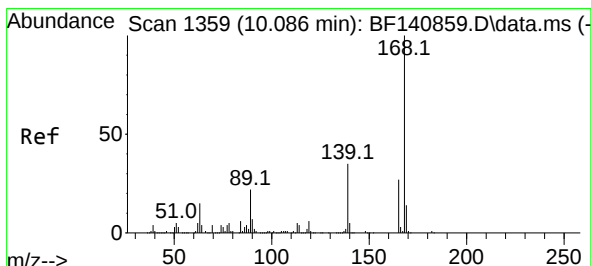
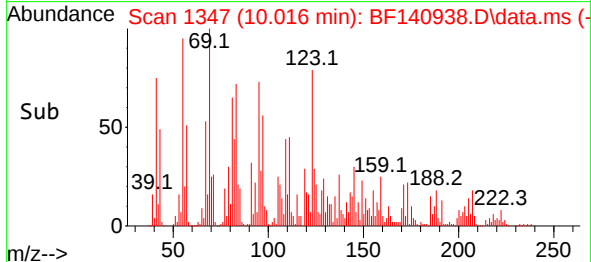
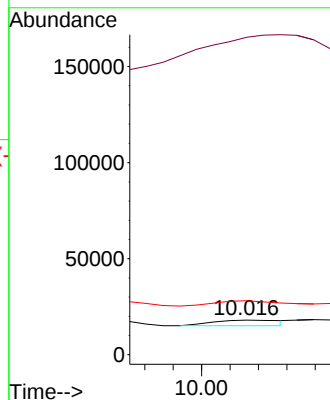
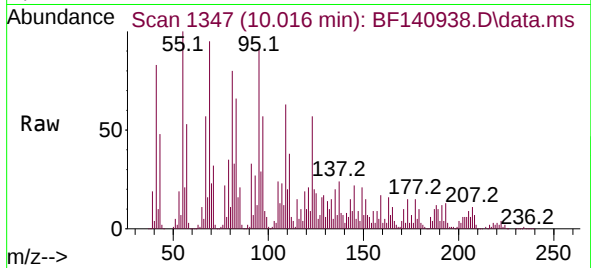




#56
4-Nitrophenol
Concen: 11.980 ng
RT: 10.016 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

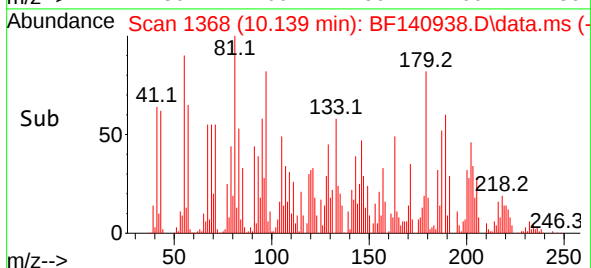
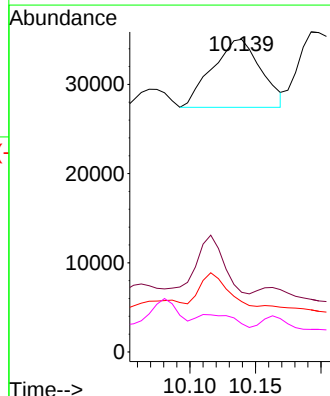
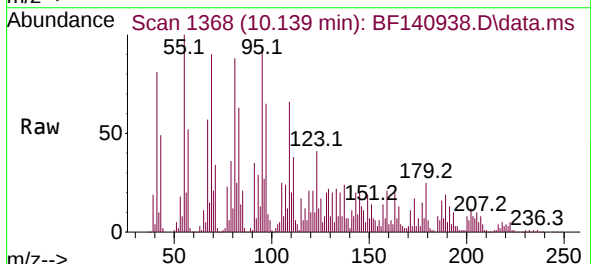
Instrument :
BNA_F
ClientSampleId :
CHRT26634

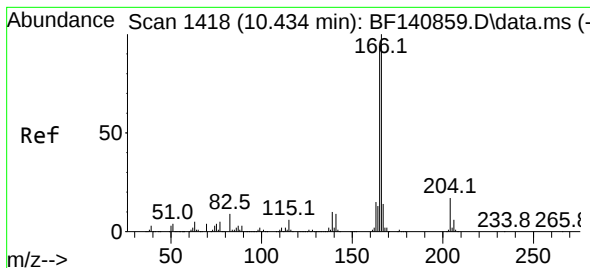
Tgt Ion:139 Resp: 4823
Ion Ratio Lower Upper
139 100
109 920.1 56.7 96.7#
65 156.1 78.1 118.1#



#57
2,4-Dinitrotoluene
Concen: 13.235 ng
RT: 10.139 min Scan# 1368
Delta R.T. 0.053 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:165 Resp: 19713
Ion Ratio Lower Upper
165 100
63 19.1 49.3 73.9#
89 16.1 66.2 99.4#
182 9.1 2.1 3.1#





#58

Fluorene

Concen: 19.807 ng

RT: 10.469 min Scan# 1418

Delta R.T. 0.035 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

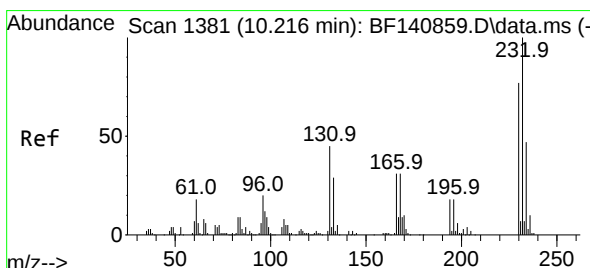
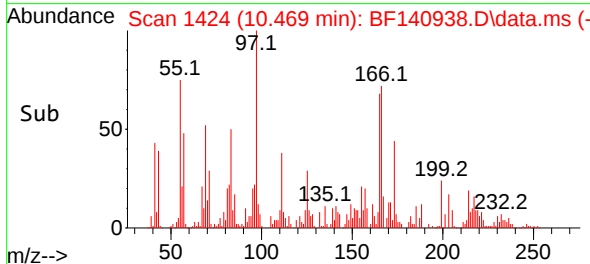
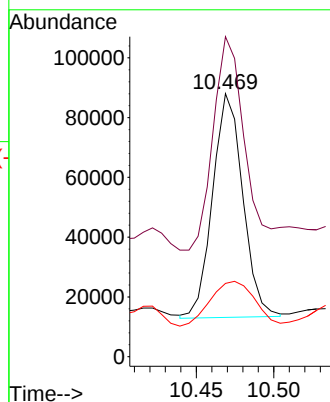
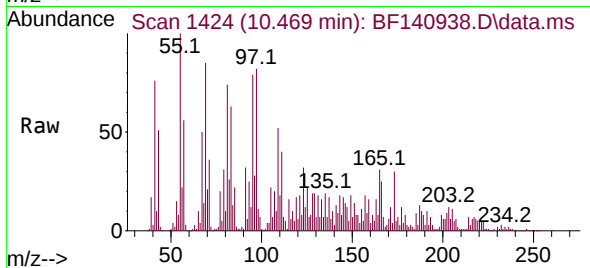
Tgt Ion:166 Resp: 101559

Ion Ratio Lower Upper

166 100

165 121.7 75.1 112.7#

167 27.9 11.1 16.7#



#59

2,3,4,6-Tetrachlorophenol

Concen: 3.945 ng

RT: 10.222 min Scan# 1382

Delta R.T. 0.006 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Tgt Ion:232 Resp: 4671

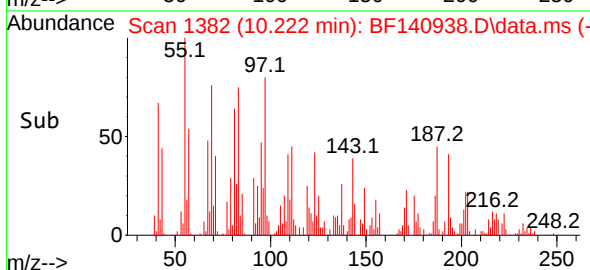
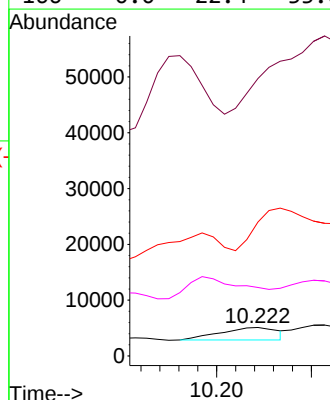
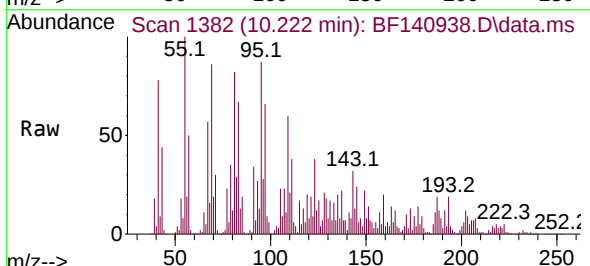
Ion Ratio Lower Upper

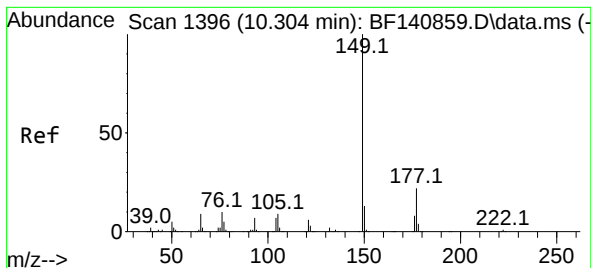
232 100

131 0.0 35.1 52.7#

130 589.2 1.8 2.8#

166 0.0 22.4 33.6#





#60

Diethylphthalate

Concen: 9.475 ng

RT: 10.339 min Scan# 1402

Delta R.T. 0.035 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

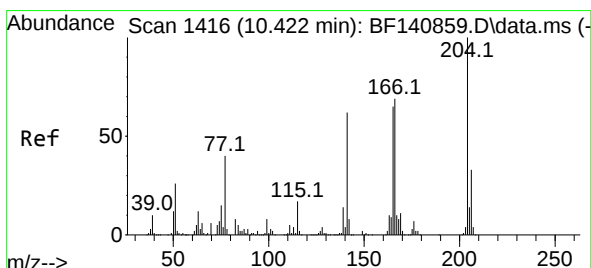
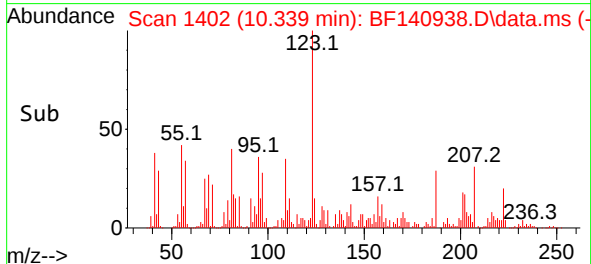
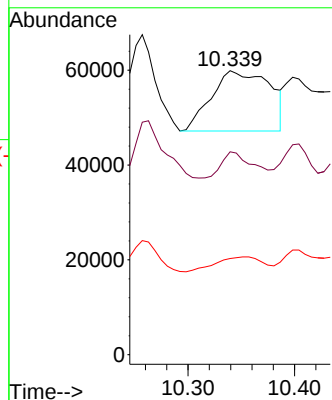
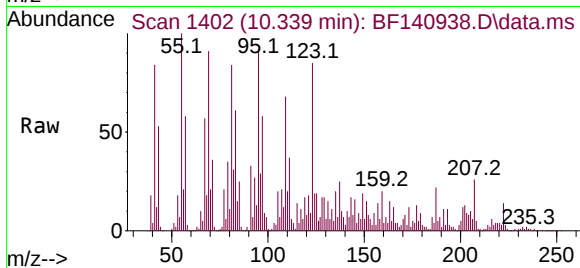
Tgt Ion:149 Resp: 48652

Ion Ratio Lower Upper

149 100

177 71.4 17.2 25.8#

150 33.9 10.1 15.1#



#61

4-Chlorophenyl-phenylether

Concen: 7.397 ng

RT: 10.475 min Scan# 1425

Delta R.T. 0.053 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

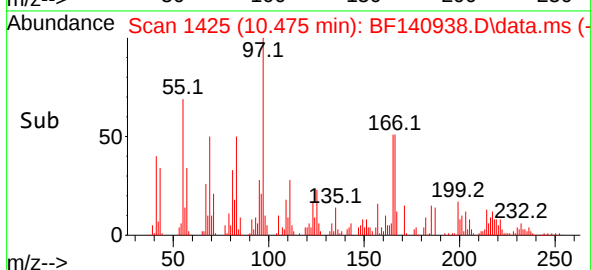
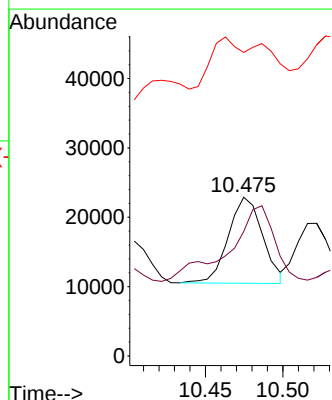
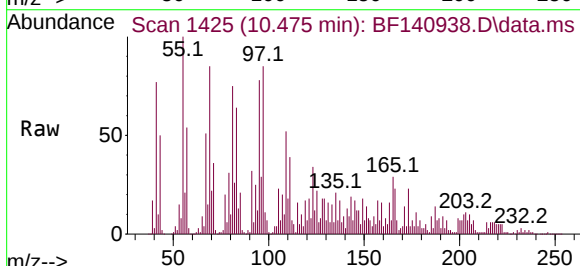
Tgt Ion:204 Resp: 19051

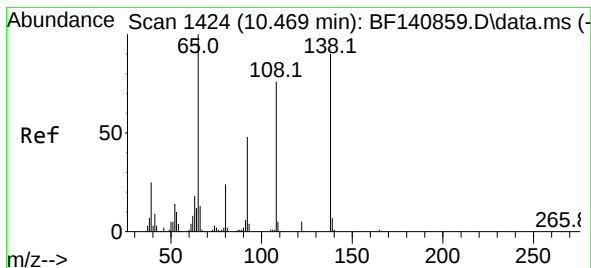
Ion Ratio Lower Upper

204 100

206 78.4 26.5 39.7#

141 191.1 50.0 75.0#

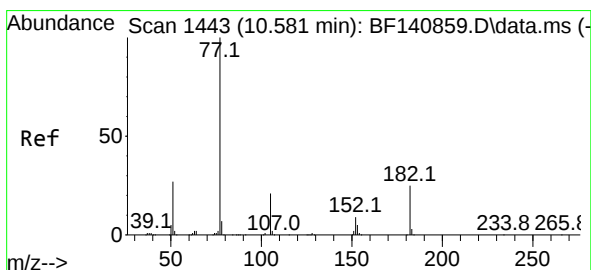
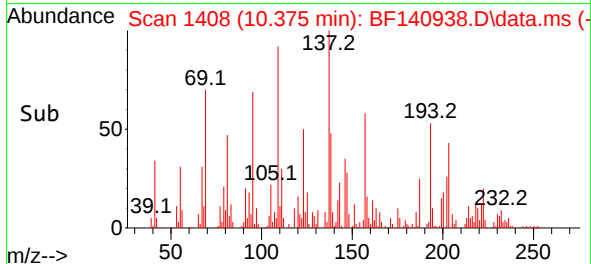
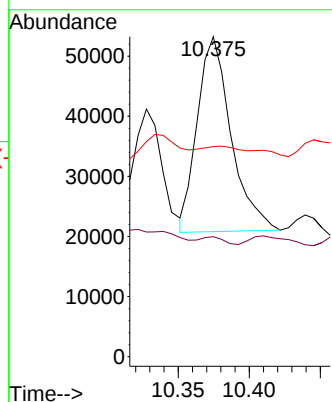
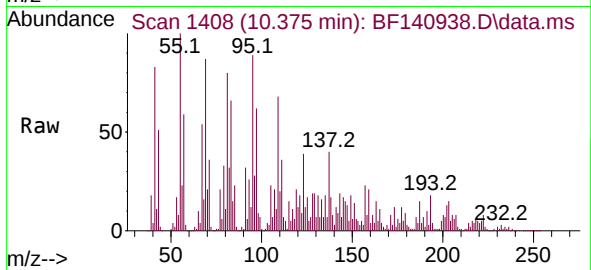




#62
4-Nitroaniline
Concen: 45.709 ng
RT: 10.375 min Scan# 1414
Delta R.T. -0.094 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

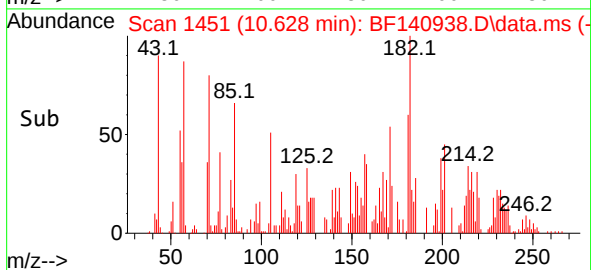
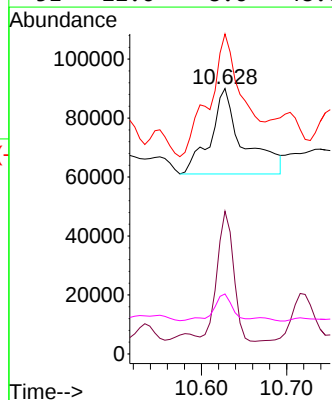
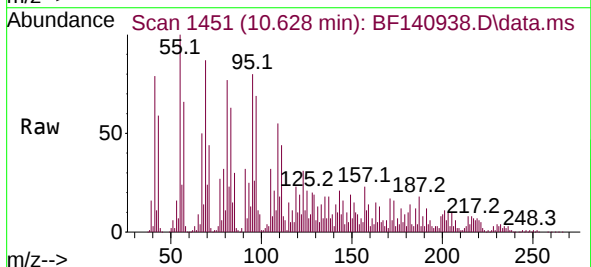
Instrument :
BNA_F
ClientSampleId :
CHRT26634

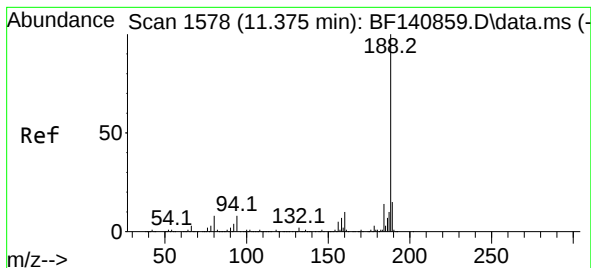
Tgt Ion:138 Resp: 53661
Ion Ratio Lower Upper
138 100
92 37.5 32.6 72.6
108 65.6 64.1 104.1



#63
Azobenzene
Concen: 15.931 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.047 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion: 77 Resp: 76907
Ion Ratio Lower Upper
77 100
182 53.8 4.5 44.5#
105 120.6 0.9 40.9#
51 22.6 8.6 48.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.065 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

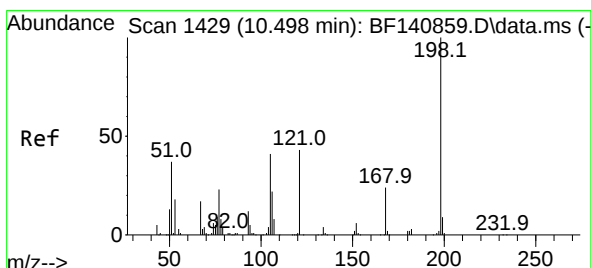
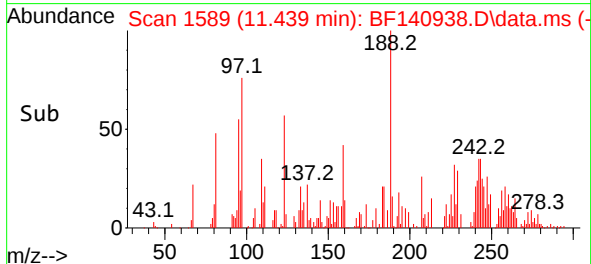
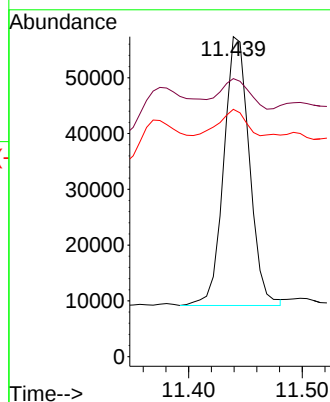
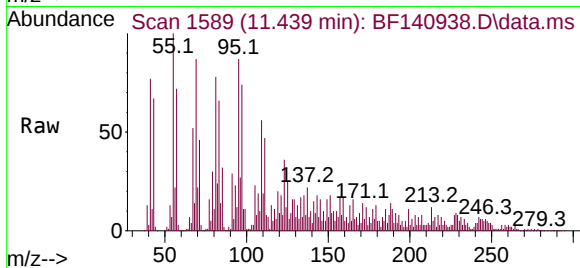
Tgt Ion:188 Resp: 75431

Ion Ratio Lower Upper

188 100

94 86.9 6.4 9.6#

80 77.3 6.8 10.2#



#65

4,6-Dinitro-2-methylphenol

Concen: 5.762 ng

RT: 10.533 min Scan# 1435

Delta R.T. 0.035 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

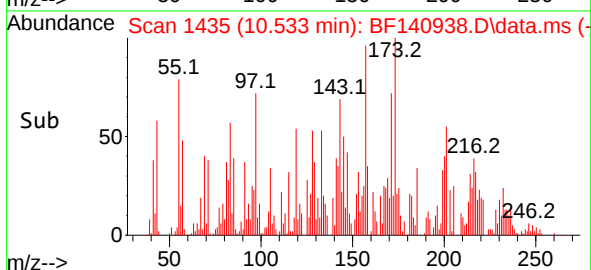
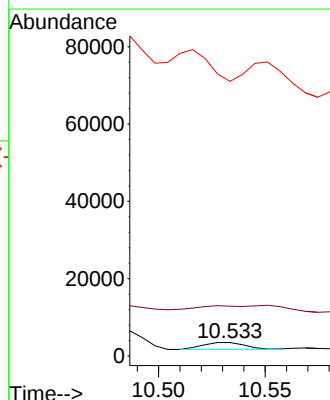
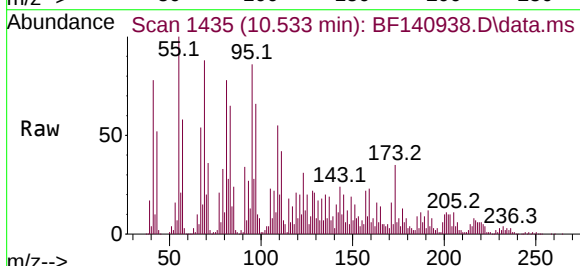
Tgt Ion:198 Resp: 2463

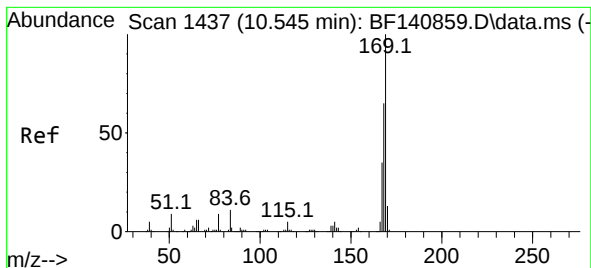
Ion Ratio Lower Upper

198 100

51 370.4 24.4 64.4#

105 2040.0 22.1 62.1#





#66

n-Nitrosodiphenylamine

Concen: 2.978 ng

RT: 10.622 min Scan# 1437

Delta R.T. 0.076 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

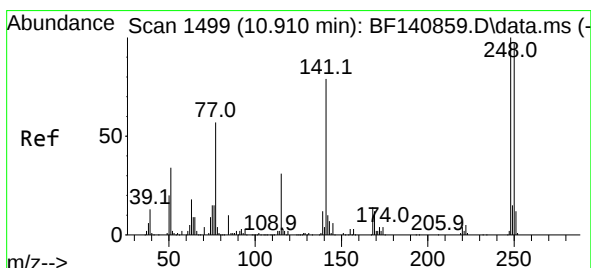
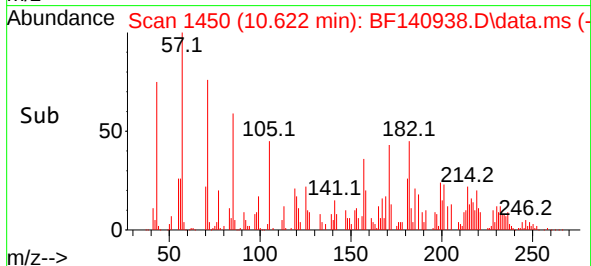
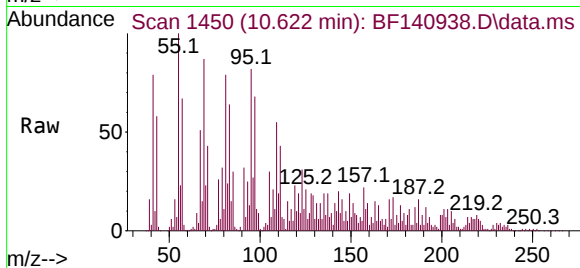
Tgt Ion:169 Resp: 6906

Ion Ratio Lower Upper

169 100

168 39.9 53.4 80.0#

167 96.1 28.3 42.5#



#67

4-Bromophenyl-phenylether

Concen: 2.870 ng

RT: 10.898 min Scan# 1497

Delta R.T. -0.012 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

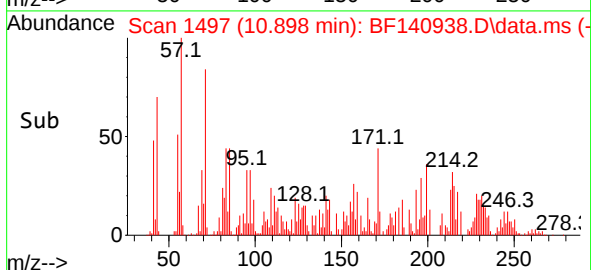
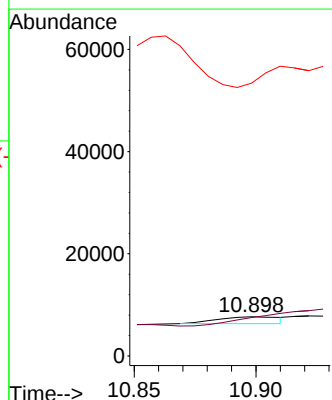
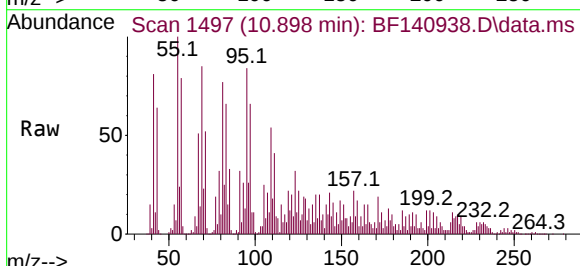
Tgt Ion:248 Resp: 2422

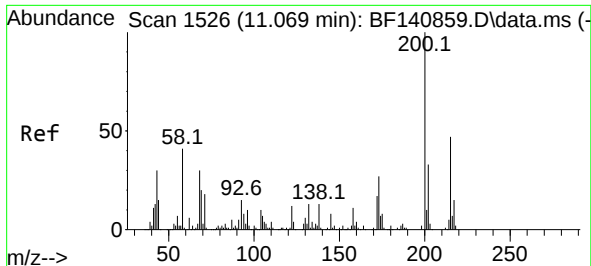
Ion Ratio Lower Upper

248 100

250 97.7 77.4 116.2

141 694.9 62.9 94.3#

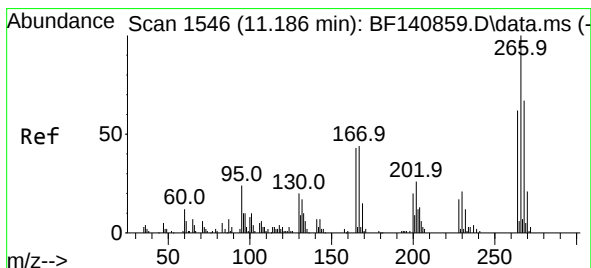
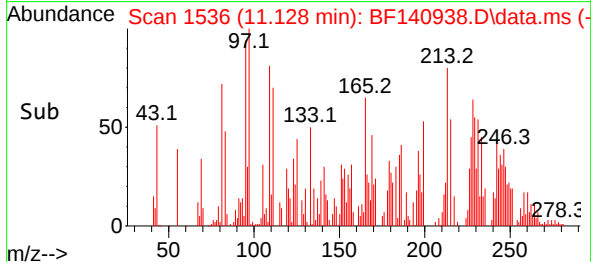
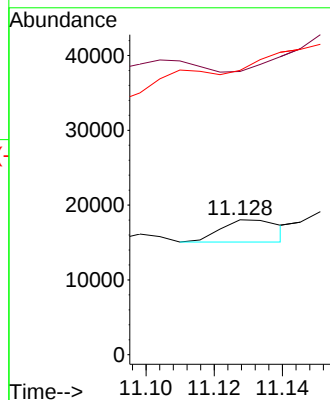
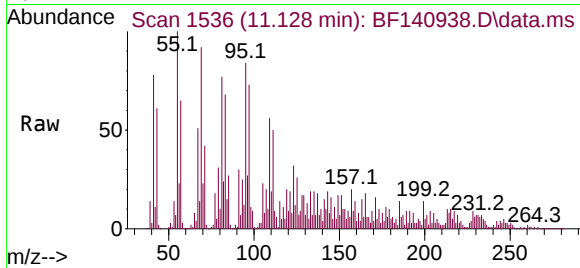




#69
 Atrazine
 Concen: 5.492 ng
 RT: 11.128 min Scan# 1536
 Delta R.T. 0.059 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

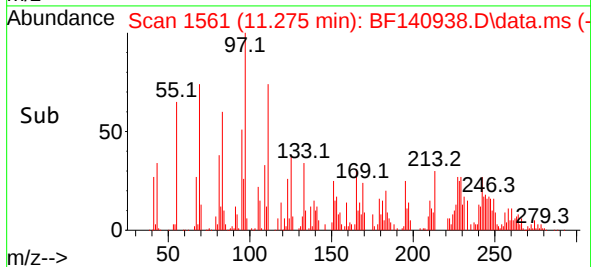
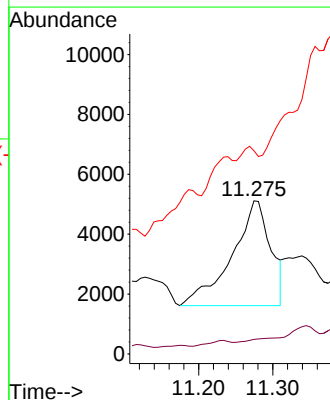
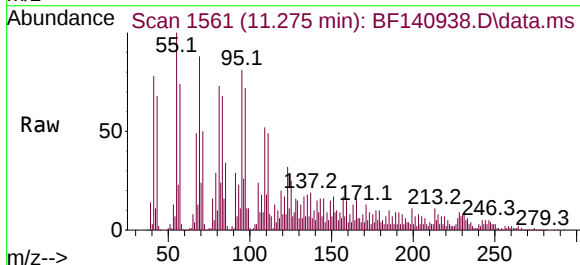
Instrument :
 BNA_F
 ClientSampleId :
 CHRT26634

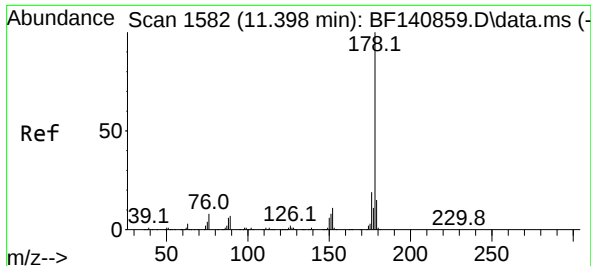
Tgt Ion:200 Resp: 3557
 Ion Ratio Lower Upper
 200 100
 173 210.1 6.6 46.6#
 215 210.9 26.7 66.7#



#70
 Pentachlorophenol
 Concen: 36.275 ng
 RT: 11.275 min Scan# 1561
 Delta R.T. 0.089 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

Tgt Ion:266 Resp: 12689
 Ion Ratio Lower Upper
 266 100
 268 9.5 54.0 81.0#
 264 132.7 49.4 74.2#

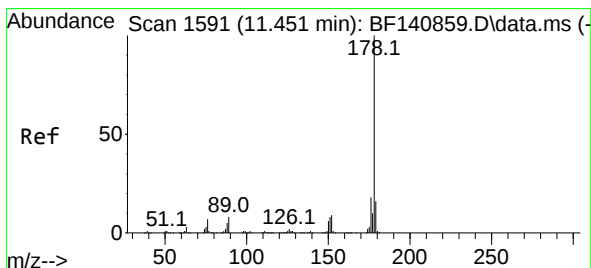
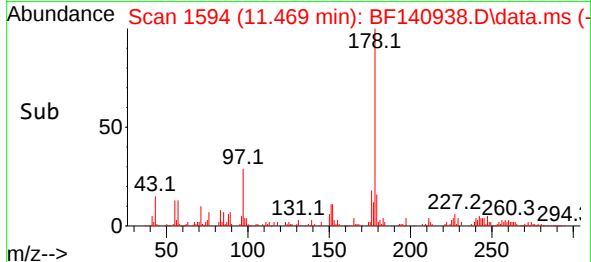
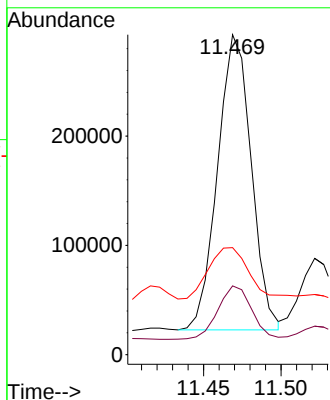
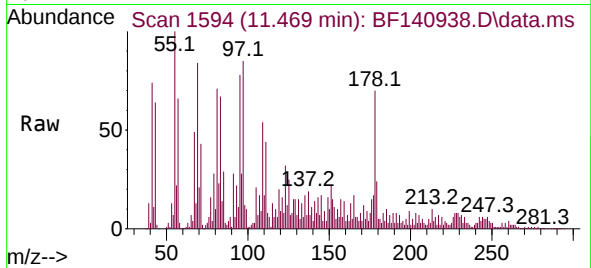




#71
Phenanthrene
Concen: 105.066 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.071 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

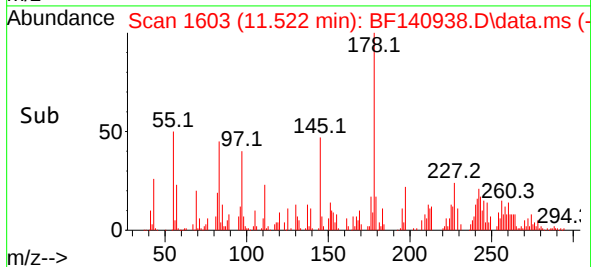
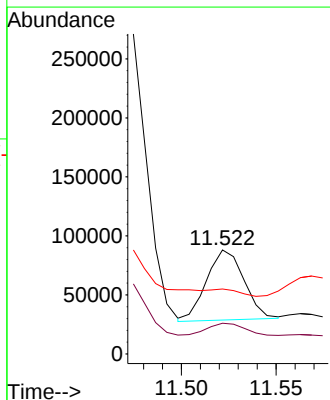
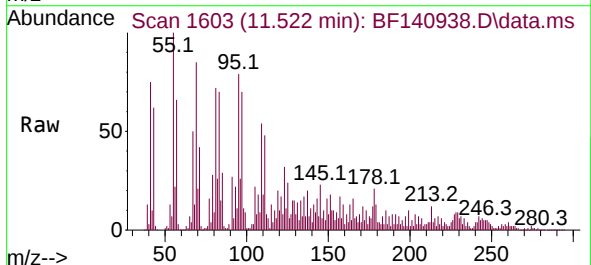
Instrument :
BNA_F
ClientSampleId :
CHRT26634

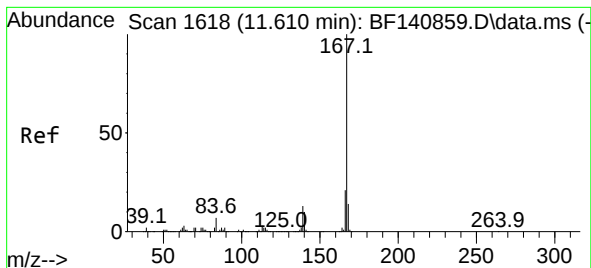
Tgt Ion:178 Resp: 407551
Ion Ratio Lower Upper
178 100
176 21.5 15.4 23.2
179 33.5 12.1 18.1#



#72
Anthracene
Concen: 21.475 ng
RT: 11.522 min Scan# 1603
Delta R.T. 0.071 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:178 Resp: 82036
Ion Ratio Lower Upper
178 100
176 29.6 14.6 22.0#
179 62.4 12.6 18.8#





#73

Carbazole

Concen: 13.579 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.059 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

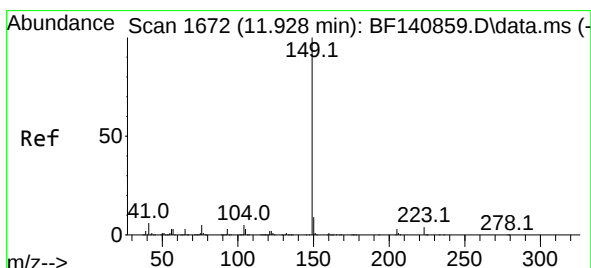
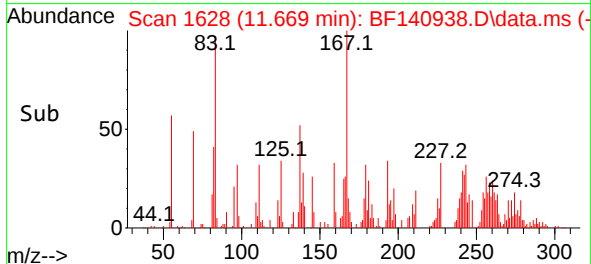
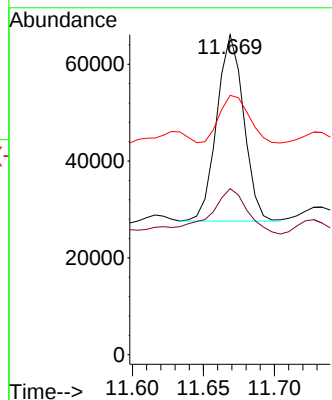
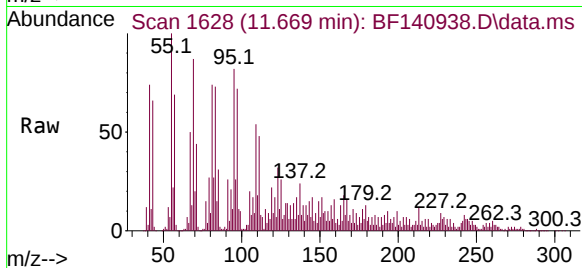
Tgt Ion:167 Resp: 50809

Ion Ratio Lower Upper

167 100

166 51.9 17.0 25.6#

139 81.0 10.2 15.2#



#74

Di-n-butylphthalate

Concen: 15.676 ng

RT: 12.004 min Scan# 1685

Delta R.T. 0.076 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

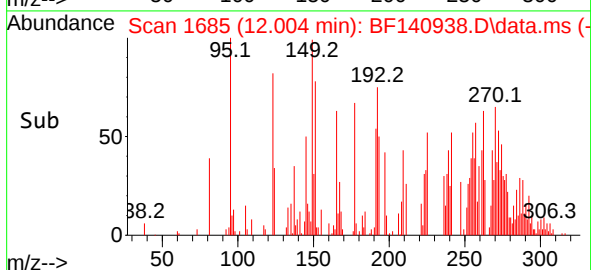
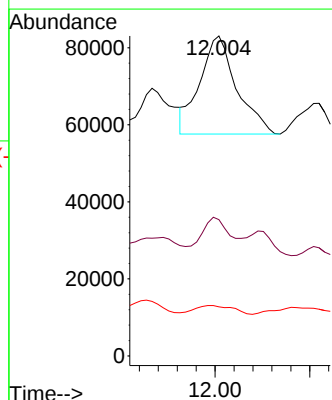
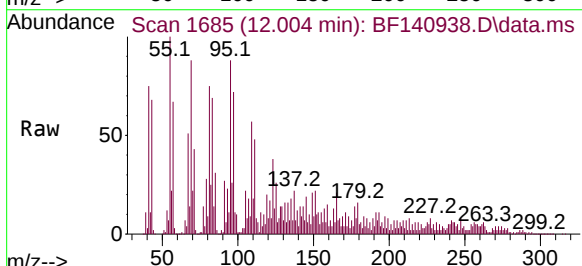
Tgt Ion:149 Resp: 68839

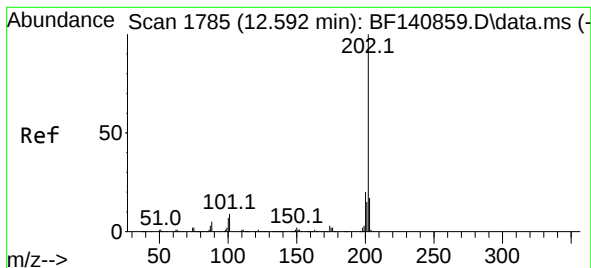
Ion Ratio Lower Upper

149 100

150 42.6 7.5 11.3#

104 15.4 3.8 5.8#





#75

Fluoranthene

Concen: 122.970 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.088 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

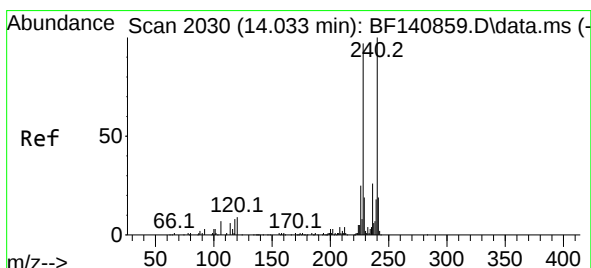
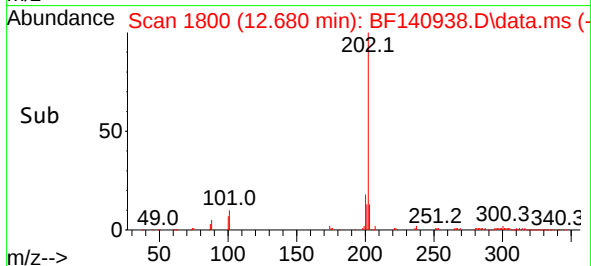
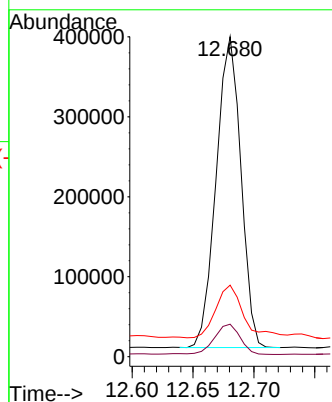
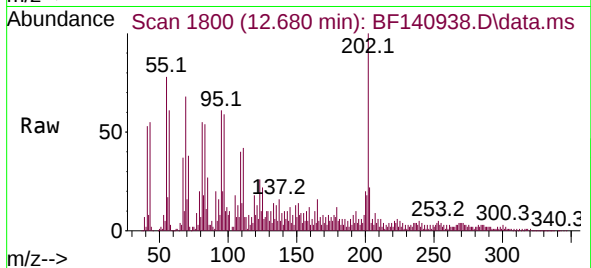
Tgt Ion:202 Resp: 549341

Ion Ratio Lower Upper

202 100

101 10.2 0.0 29.3

203 22.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.029 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

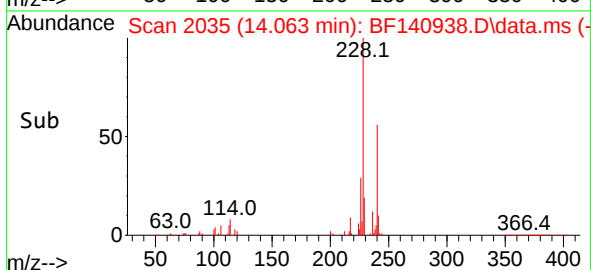
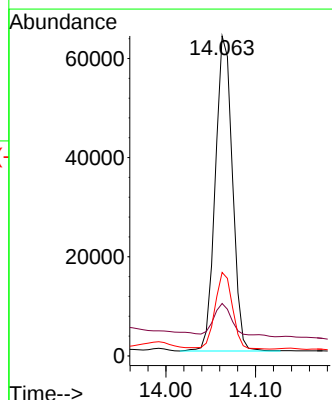
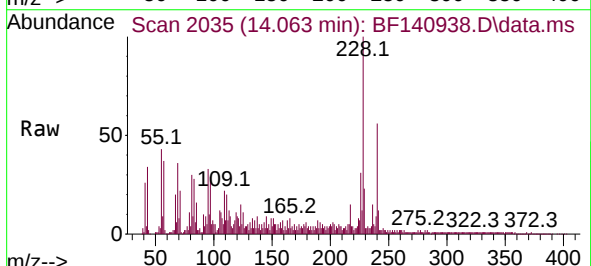
Tgt Ion:240 Resp: 83894

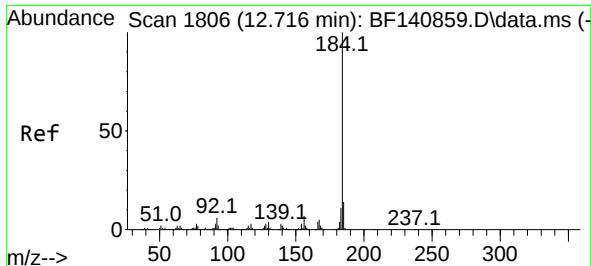
Ion Ratio Lower Upper

240 100

120 16.4 7.6 11.4#

236 26.1 20.5 30.7

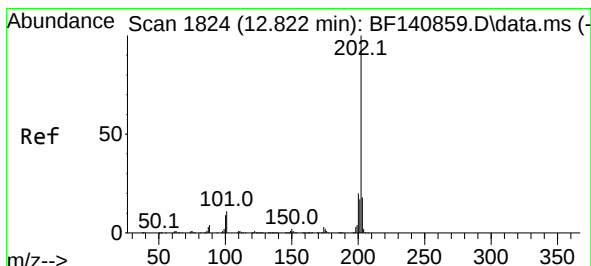
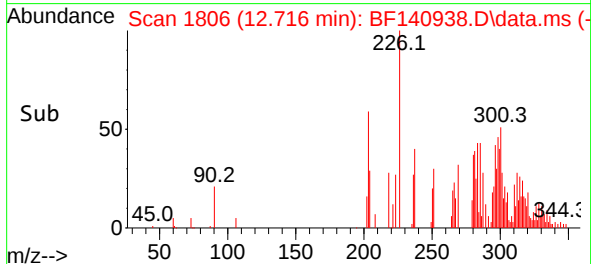
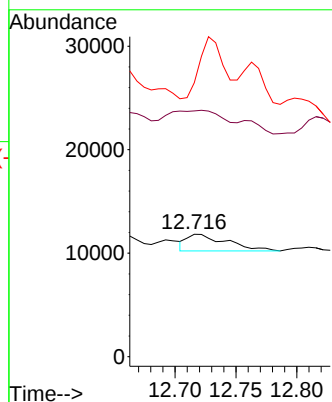
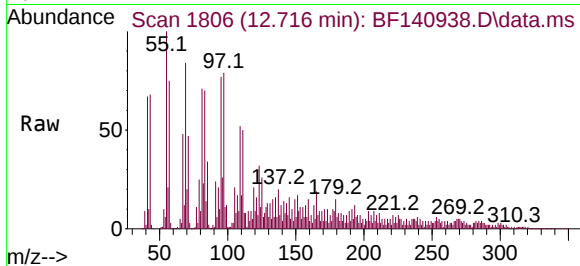




#77
Benzidine
Concen: 2.167 ng
RT: 12.716 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

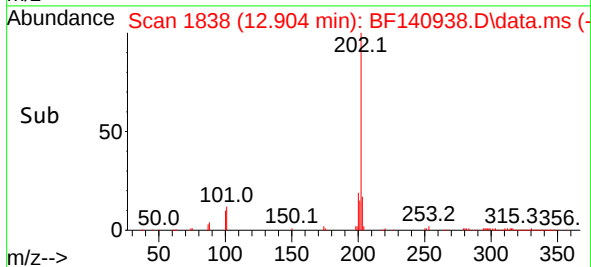
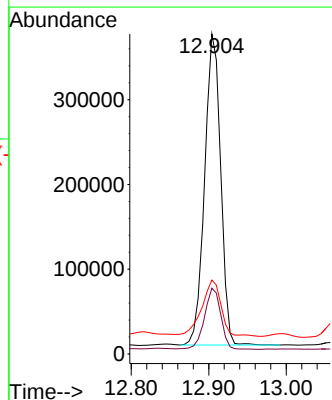
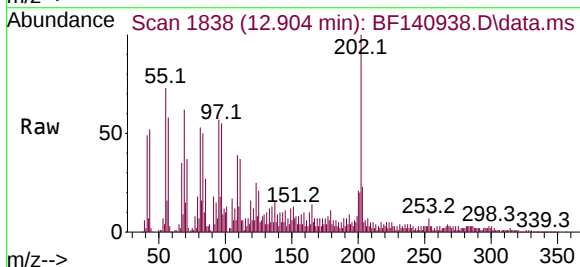
Instrument :
BNA_F
ClientSampleId :
CHRT26634

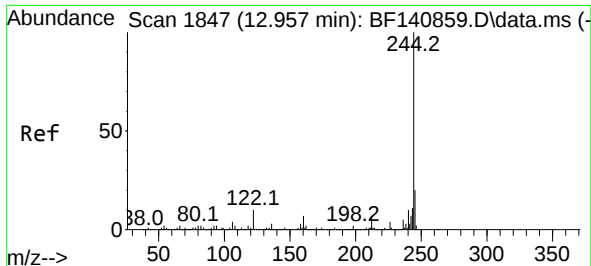
Tgt Ion:184 Resp: 3711
Ion Ratio Lower Upper
184 100
185 200.7 11.1 16.7#
183 223.6 9.0 13.4#



#78
Pyrene
Concen: 70.508 ng
RT: 12.904 min Scan# 1838
Delta R.T. 0.082 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:202 Resp: 526016
Ion Ratio Lower Upper
202 100
200 20.6 16.1 24.1
203 23.1 14.2 21.4#

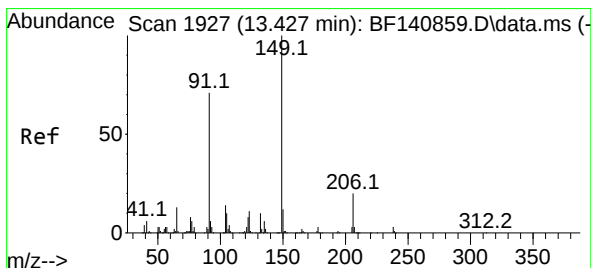
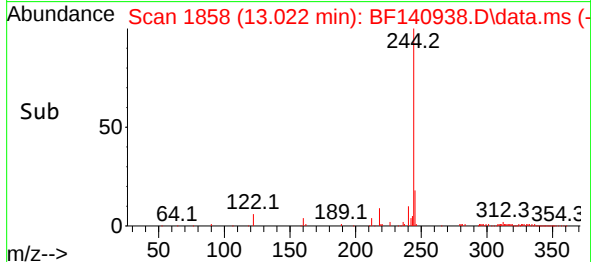
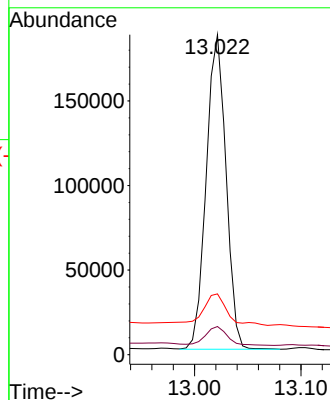
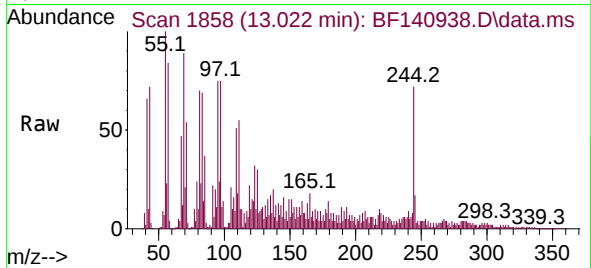




#79
 Terphenyl-d14
 Concen: 45.138 ng
 RT: 13.022 min Scan# 11
 Delta R.T. 0.065 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

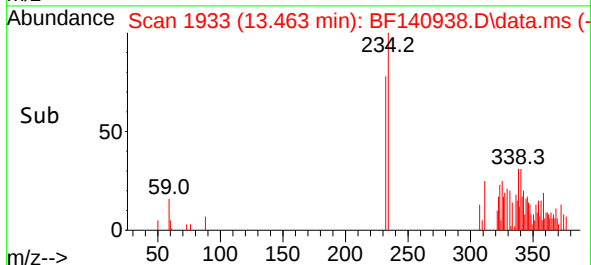
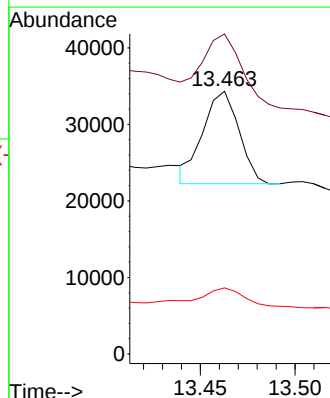
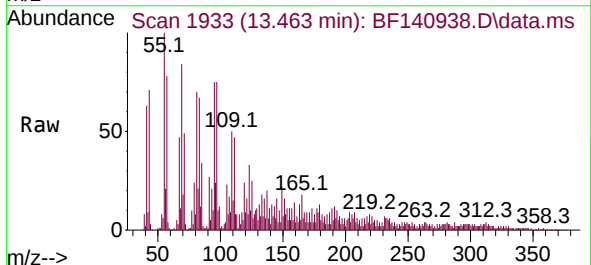
Instrument :
 BNA_F
 ClientSampleId :
 CHRT26634

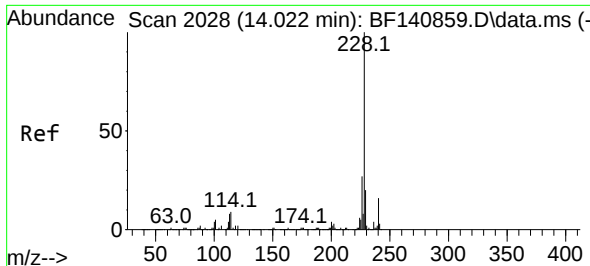
Tgt Ion:244 Resp: 240149
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.6 8.4#
 122 19.0 8.2 12.2#



#80
 Butylbenzylphthalate
 Concen: 5.844 ng
 RT: 13.463 min Scan# 1933
 Delta R.T. 0.035 min
 Lab File: BF140938.D
 Acq: 19 Dec 2024 20:26

Tgt Ion:149 Resp: 16041
 Ion Ratio Lower Upper
 149 100
 91 121.8 56.7 85.1#
 206 25.1 16.4 24.6#

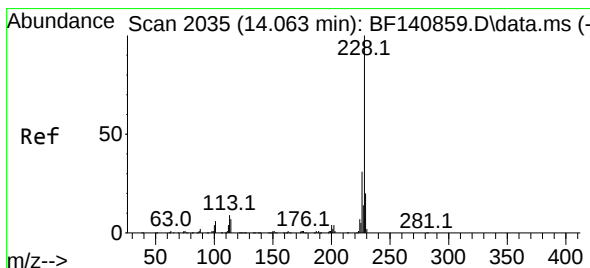
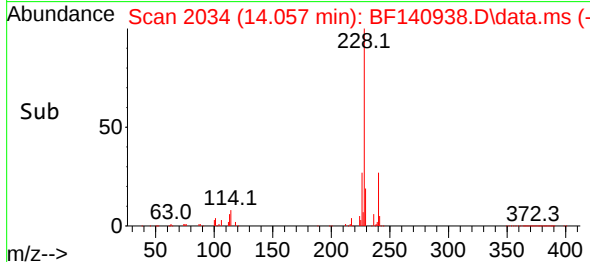
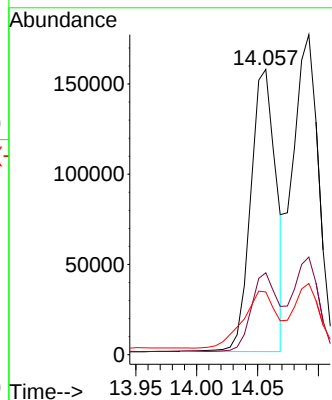
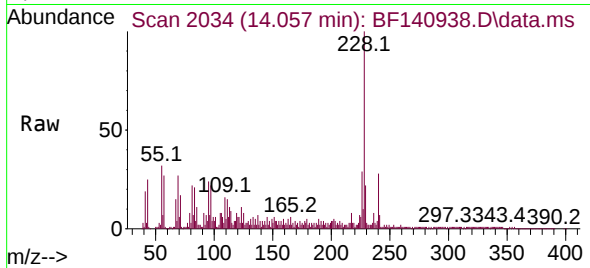




#81
Benzo(a)anthracene
Concen: 38.068 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.035 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

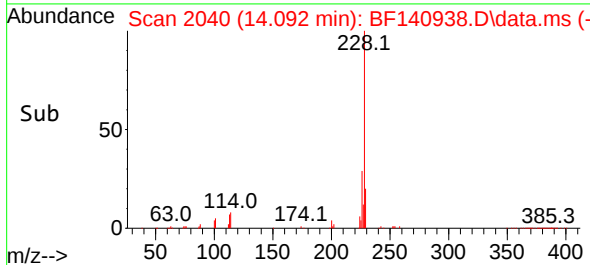
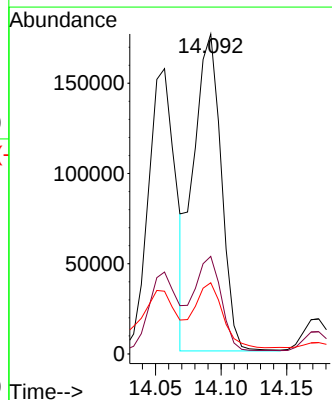
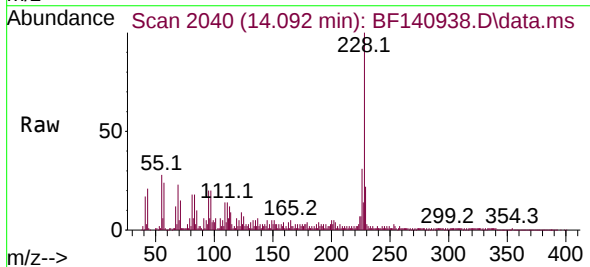
Instrument :
BNA_F
ClientSampleId :
CHRT26634

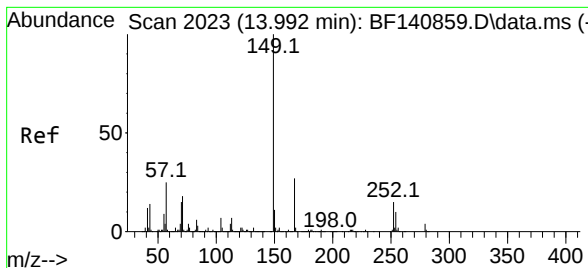
Tgt Ion:228 Resp: 226344
Ion Ratio Lower Upper
228 100
226 28.7 21.8 32.8
229 22.0 15.8 23.8



#83
Chrysene
Concen: 47.683 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.029 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:228 Resp: 257812
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 22.3 16.0 24.0

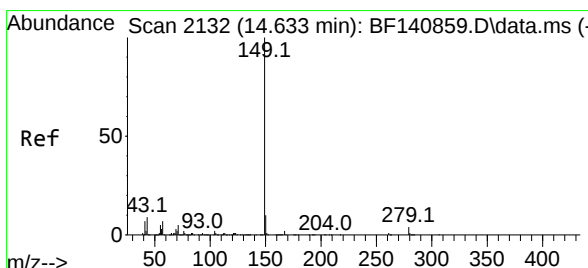
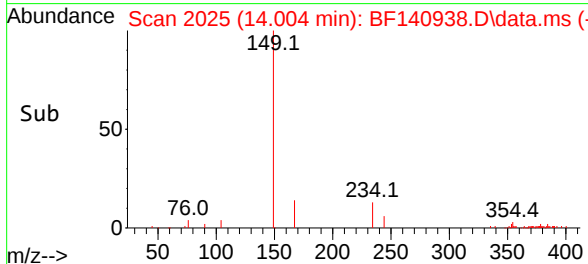
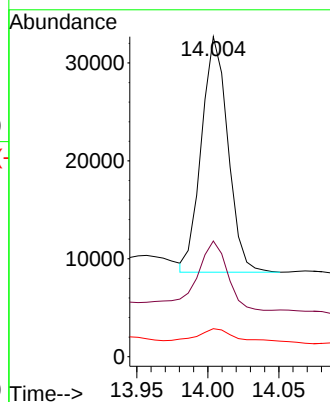
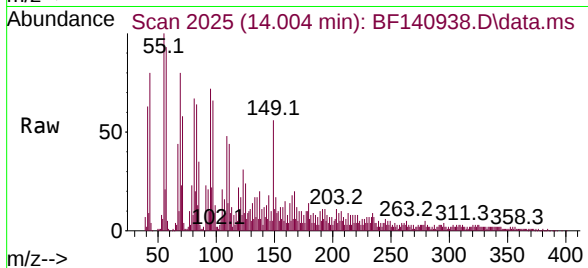




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.801 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.012 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

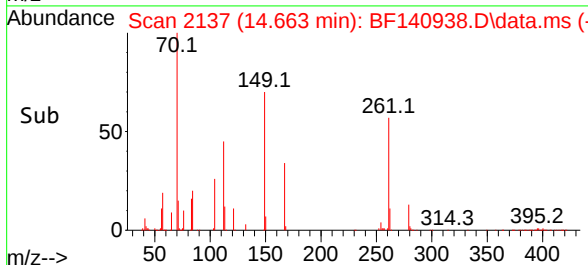
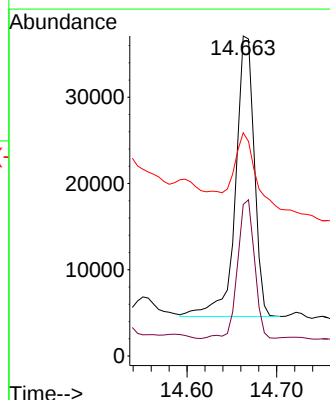
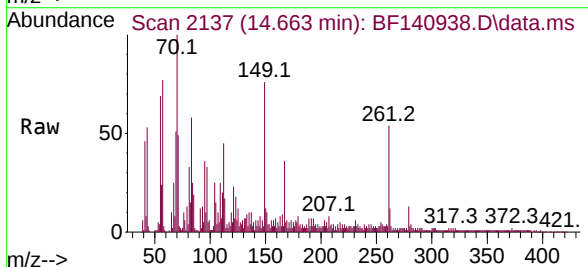
Instrument :
BNA_F
ClientSampleId :
CHRT26634

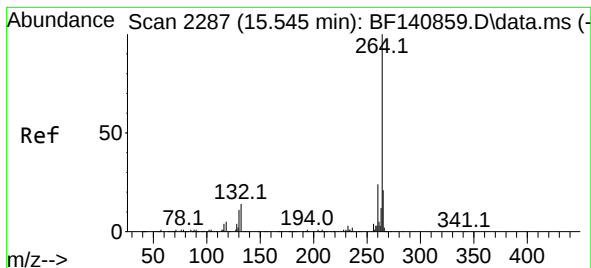
Tgt Ion:149 Resp: 31150
Ion Ratio Lower Upper
149 100
167 36.2 21.8 32.8#
279 8.8 3.5 5.3#



#85
Di-n-octyl phthalate
Concen: 8.808 ng
RT: 14.663 min Scan# 2137
Delta R.T. 0.029 min
Lab File: BF140938.D
Acq: 19 Dec 2024 20:26

Tgt Ion:149 Resp: 47166
Ion Ratio Lower Upper
149 100
167 44.9 1.3 1.9#
43 55.7 7.0 10.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

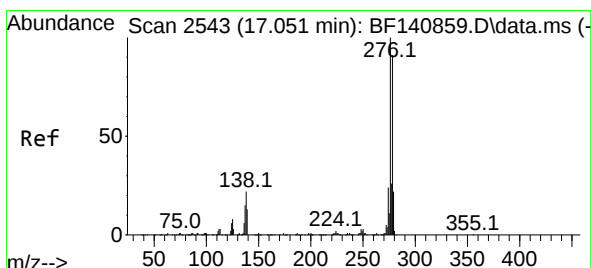
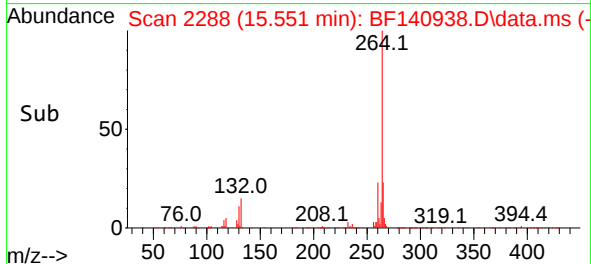
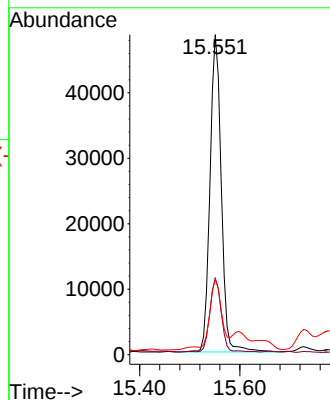
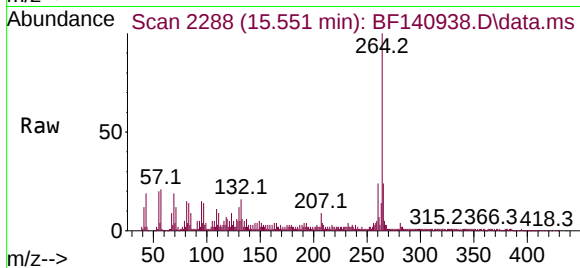
Tgt Ion:264 Resp: 75802

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 23.6 17.0 25.4



#87

Indeno(1,2,3-cd)pyrene

Concen: 15.667 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.012 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

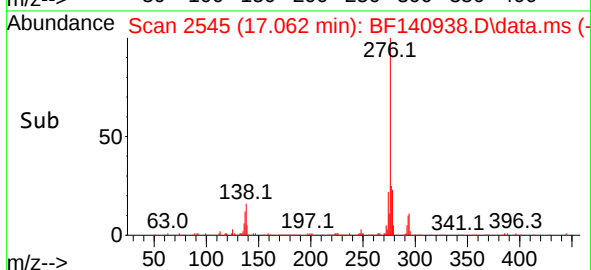
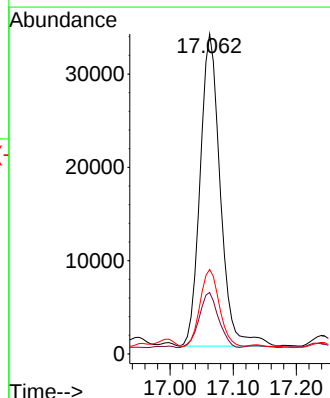
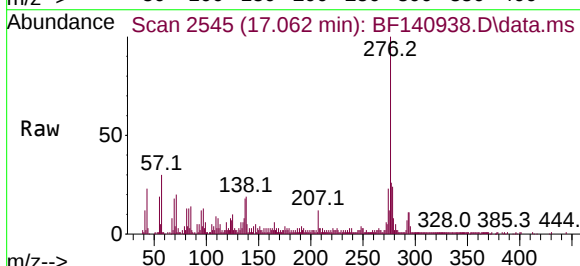
Tgt Ion:276 Resp: 74112

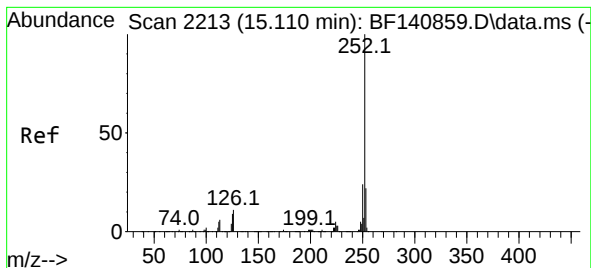
Ion Ratio Lower Upper

276 100

138 17.5 16.9 25.3

277 23.8 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 70.686 ng

RT: 15.121 min Scan# 2215

Delta R.T. 0.012 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNF

ClientSampleId :

CHRT26634

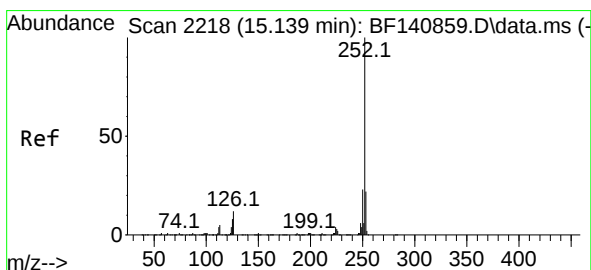
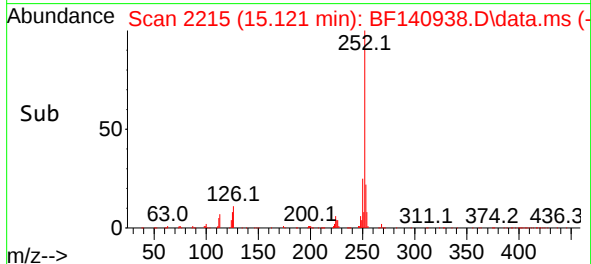
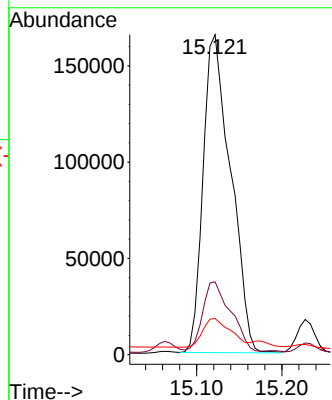
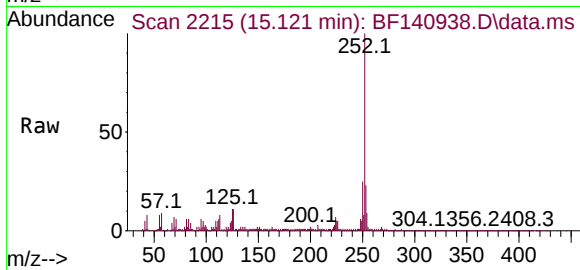
Tgt Ion:252 Resp: 371935

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.6

125 11.3 7.0 10.4#



#89

Benzo(k)fluoranthene

Concen: 82.404 ng

RT: 15.121 min Scan# 2215

Delta R.T. -0.018 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

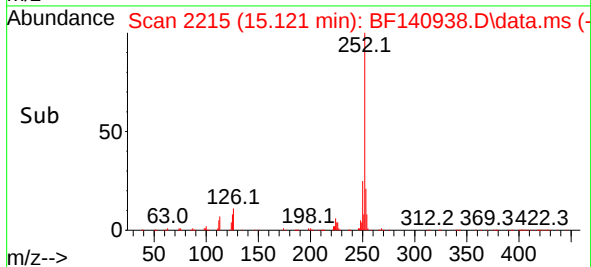
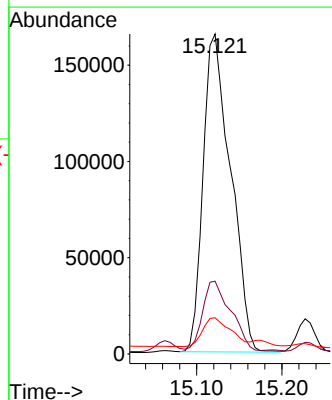
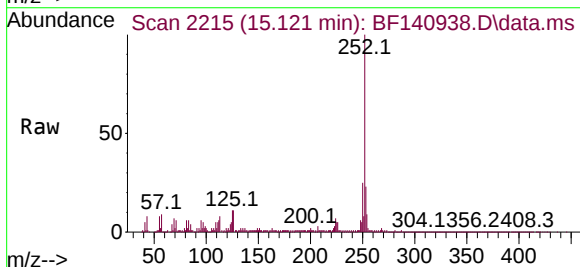
Tgt Ion:252 Resp: 371935

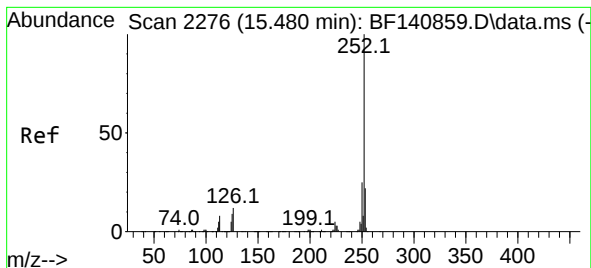
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.3 6.8 10.2#





#90

Benzo(a)pyrene

Concen: 31.554 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634

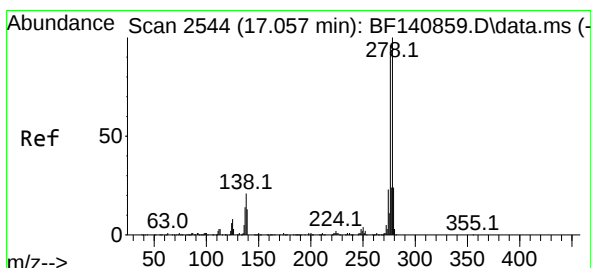
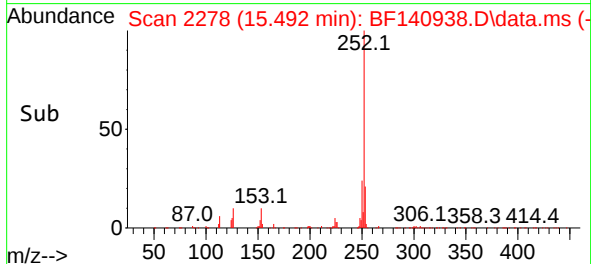
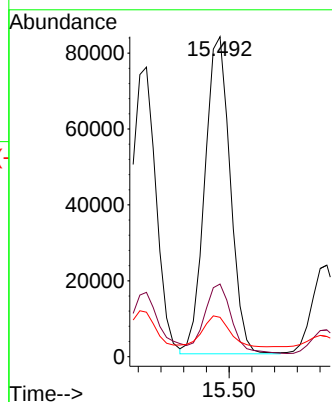
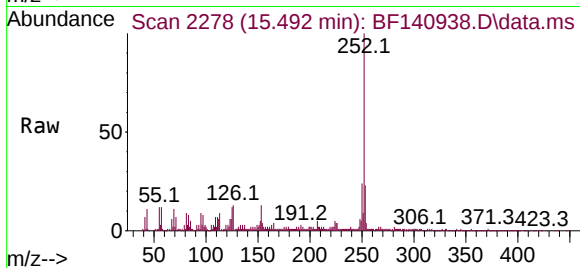
Tgt Ion:252 Resp: 130008

Ion Ratio Lower Upper

252 100

253 22.7 17.5 26.3

125 12.3 7.5 11.3#



#91

Dibenzo(a,h)anthracene

Concen: 4.762 ng

RT: 17.062 min Scan# 2545

Delta R.T. 0.006 min

Lab File: BF140938.D

Acq: 19 Dec 2024 20:26

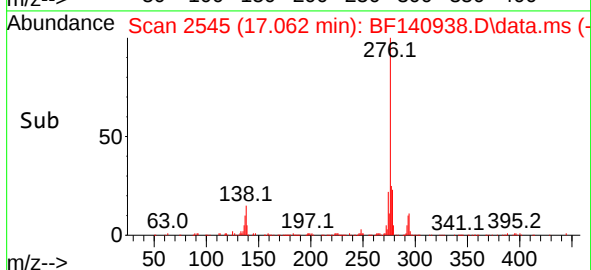
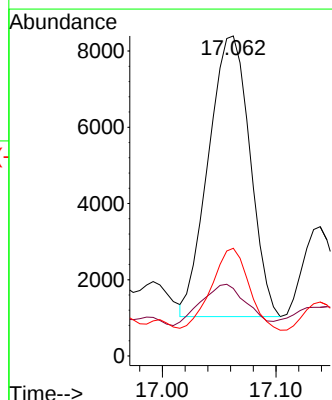
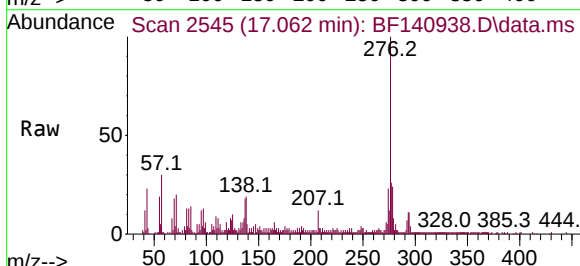
Tgt Ion:278 Resp: 18662

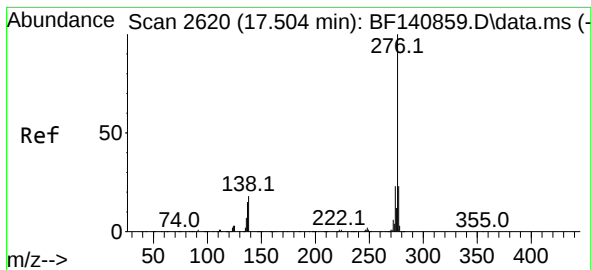
Ion Ratio Lower Upper

278 100

139 21.1 10.6 16.0#

279 33.6 19.2 28.8#





#92

Benzo(g,h,i)perylene

Concen: 14.867 ng

RT: 17.527 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF140938.D

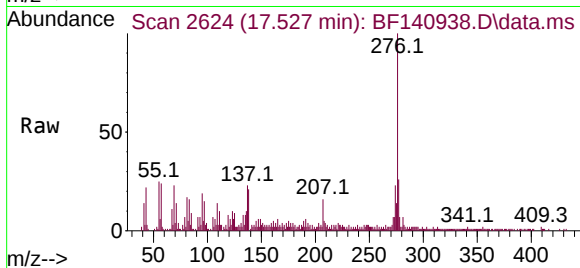
Acq: 19 Dec 2024 20:26

Instrument :

BNA_F

ClientSampleId :

CHRT26634



Tgt Ion:276 Resp: 59295

Ion Ratio Lower Upper

276 100

277 26.4 18.7 28.1

138 20.6 14.2 21.2

