

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082323\
 Data File : BF134908.D
 Acq On : 23 Aug 2023 17:09
 Operator : CG\JU
 Sample : 04099-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Aug 24 04:27:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 22 19:33:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.79
21) Naphthalene-d8	8.063	136	778	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	4699	20.000	ng	# 0.00
64) Phenanthrene-d10	11.316	188	893	20.000	ng	#-0.01
76) Chrysene-d12	13.957	240	1923	20.000	ng	#-0.02
86) Perylene-d12	15.404	264	1660	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	298915	0.000	ng	0.00
7) Phenol-d6	6.434	99	443203	0.000	ng	0.00
23) Nitrobenzene-d5	7.351	82	252763	17902.491	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	44357	801.500	ng	0.06
45) 2-Fluorobiphenyl	9.151	172	477152	1569.751	ng	0.00
79) Terphenyl-d14	13.051	244	233920	1673.083	ng	0.13
Target Compounds						Qvalue
22) Acetophenone	7.198	105	7447	433.071	ng	# 89
24) Nitrobenzene	7.351	77	1194	84.279	ng	# 46
25) Isophorone	7.351	82	249470	9462.498	ng	# 65
26) 2-Nitrophenol	7.675	139	322	45.653	ng	# 1
27) 2,4-Dimethylphenol	7.734	122	3391	294.771	ng	# 74
28) bis(2-Chloroethoxy)met...	7.834	93	768	48.876	ng	# 1
29) 2,4-Dichlorophenol	8.016	162	151	13.285	ng	# 1
30) 1,2,4-Trichlorobenzene	8.016	180	184	15.248	ng	# 12
31) Naphthalene	8.092	128	2194	56.477	ng	# 68
32) Benzoic acid	7.804	122	7696	906.502	ng	100
33) 4-Chloroaniline	8.157	127	293	17.579	ng	# 1
35) Caprolactam	8.504	113	4323	1218.361	ng	# 1
36) 4-Chloro-3-methylphenol	8.622	107	4469	372.579	ng	# 23
37) 2-Methylnaphthalene	8.786	142	7820	301.848	ng	83
38) 1-Methylnaphthalene	8.886	142	6107	252.095	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	860	9.094	ng	# 10
46) 1,1'-Biphenyl	9.257	154	2368	6.383	ng	# 1
47) 2-Chloronaphthalene	9.292	162	940	3.393	ng	# 1
48) 2-Nitroaniline	9.404	65	2766	30.372	ng	# 64
49) Acenaphthylene	9.704	152	19580	45.892	ng	# 1
50) Dimethylphthalate	9.557	163	34239	102.365	ng	# 44
51) 2,6-Dinitrotoluene	9.604	165	36475	494.428	ng	# 38
52) Acenaphthene	9.880	154	3154	11.734	ng	# 1
53) 3-Nitroaniline	9.798	138	10466	129.889	ng	# 36
54) 2,4-Dinitrophenol	9.910	184	1216	34.837	ng	# 1
55) Dibenzofuran	10.057	168	1522	3.889	ng	# 1
56) 4-Nitrophenol	9.992	139	9001	160.296	ng	# 1
57) 2,4-Dinitrotoluene	10.116	165	30663	336.093	ng	# 37
58) Fluorene	10.375	166	7860	26.482	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.192	232	7501	87.937	ng	# 27
60) Diethylphthalate	10.269	149	2339	7.633	ng	# 1
61) 4-Chlorophenyl-phenyle...	10.451	204	27278	183.338	ng	# 1
62) 4-Nitroaniline	10.457	138	505	6.704	ng	# 27
63) Azobenzene	10.551	77	18550	60.933	ng	# 36
65) 4,6-Dinitro-2-methylph...	10.439	198	27086	5140.368	ng	# 1
66) n-Nitrosodiphenylamine	10.486	169	43186	1501.754	ng	# 56

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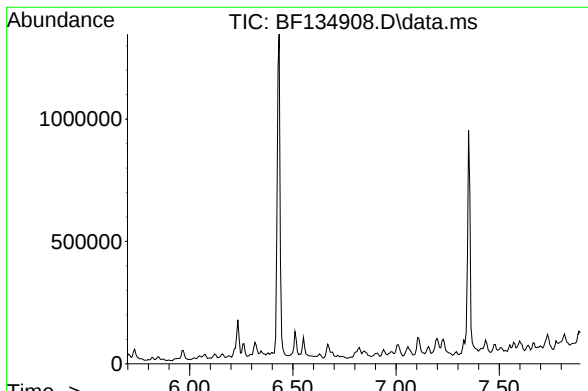
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) 4-Bromophenyl-phenylether	10.875	248	8702	844.647	ng	# 1
68) Hexachlorobenzene	11.163	284	74	6.754	ng	# 1
69) Atrazine	11.033	200	4314	552.448	ng	# 1
70) Pentachlorophenol	11.075	266	31766	4817.352	ng	# 54
71) Phenanthrene	11.357	178	6665	142.430	ng	# 1
72) Anthracene	11.357	178	6665	139.011	ng	# 1
73) Carbazole	11.545	167	26106	660.772	ng	# 1
74) Di-n-butylphthalate	11.886	149	4736	104.520	ng	# 30
75) Fluoranthene	12.533	202	60281	1359.565	ng	# 1
77) Benzidine	12.657	184	7800	249.997	ng	# 1
78) Pyrene	12.751	202	6817	33.435	ng	# 1
80) Butylbenzylphthalate	13.339	149	10999	177.063	ng	# 39
81) Benzo(a)anthracene	13.951	228	4464	34.024	ng	# 1
82) 3,3'-Dichlorobenzidine	13.904	252	621	14.955	ng	# 1
83) Chrysene	13.951	228	4464	34.484	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.933	149	3825	56.843	ng	# 38
85) Di-n-octyl phthalate	14.551	149	13504	123.069	ng	# 75
87) Indeno(1,2,3-cd)pyrene	16.968	276	1868	15.743	ng	95
88) Benzo(b)fluoranthene	14.974	252	696	7.431	ng	# 1
89) Benzo(k)fluoranthene	15.021	252	571	6.209	ng	# 1
90) Benzo(a)pyrene	15.374	252	1542	16.493	ng	# 1

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

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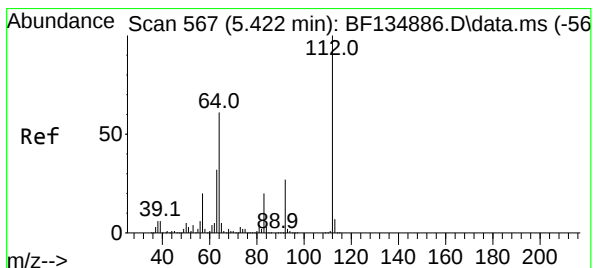
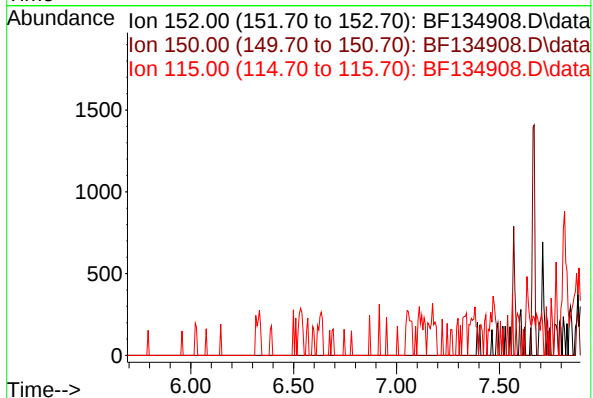




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.79 min
 Lab File: BF134908.D
 Acq: 23 Aug 2023 17:09

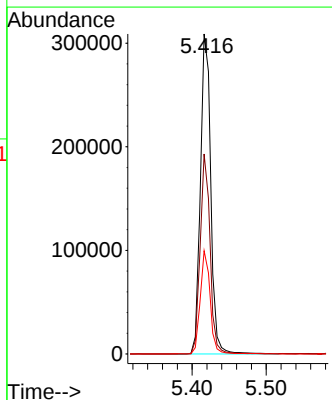
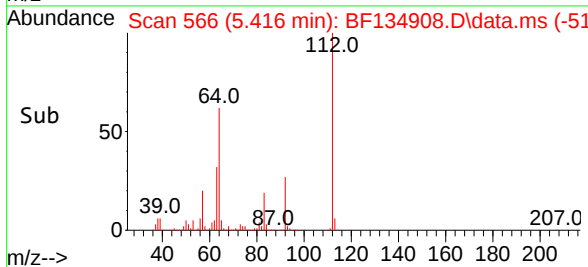
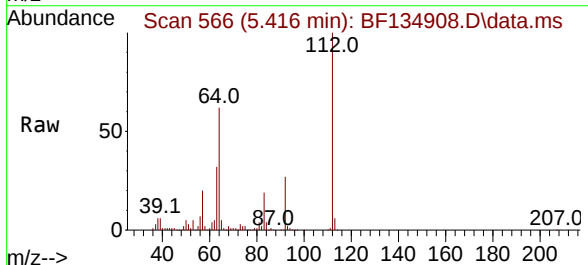
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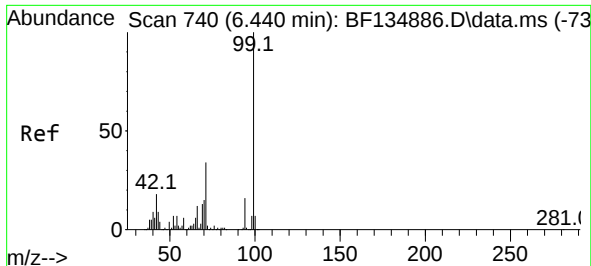
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 157.6
 115 63.9



#5
 2-Fluorophenol
 Concen: 0.000 ng
 RT: 5.416 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: BF134908.D
 Acq: 23 Aug 2023 17:09

Tgt Ion: 112 Resp: 298915
 Ion Ratio Lower Upper
 112 100
 64 62.5 48.6 73.0
 63 32.2 25.7 38.5

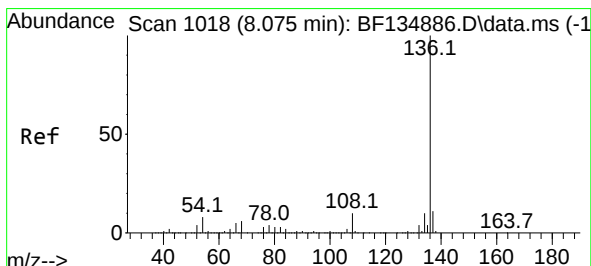
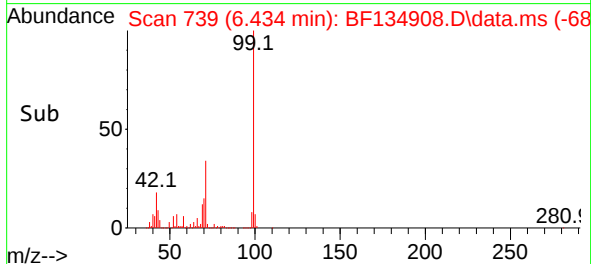
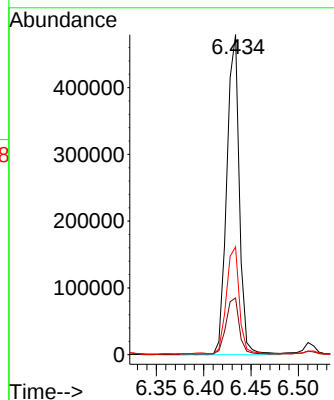
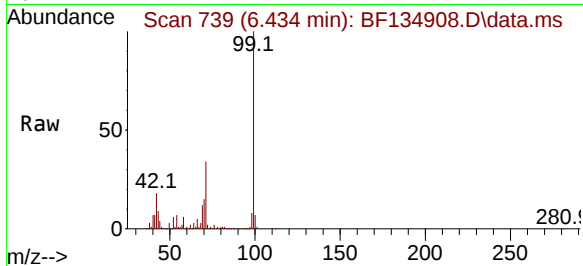




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

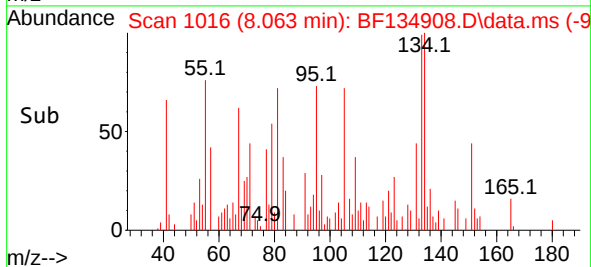
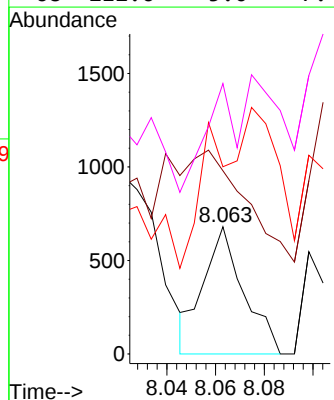
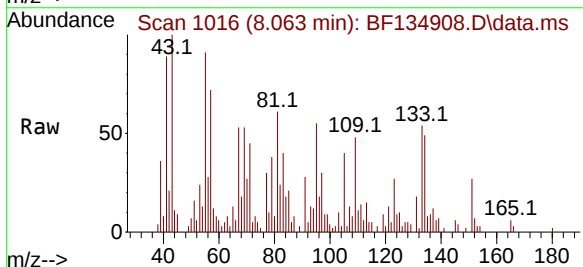
Instrument :
BNA_F
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CONC-WC-1

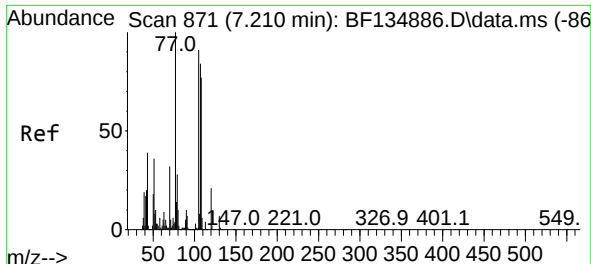
Tgt Ion: 99 Resp: 443203
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 33.7 27.6 41.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.012 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion: 136 Resp: 778
Ion Ratio Lower Upper
136 100
137 144.1 8.9 13.3#
54 147.2 6.6 9.8#
68 212.6 5.0 7.4#

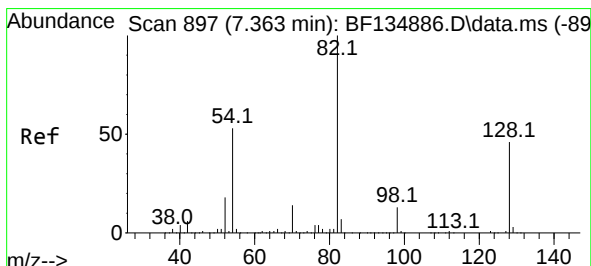
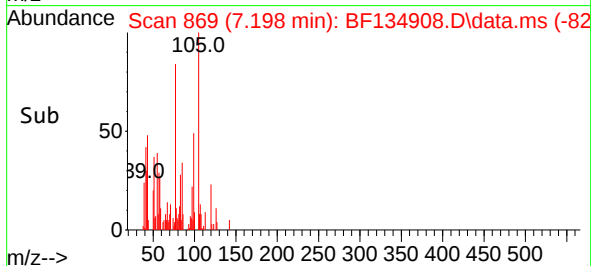
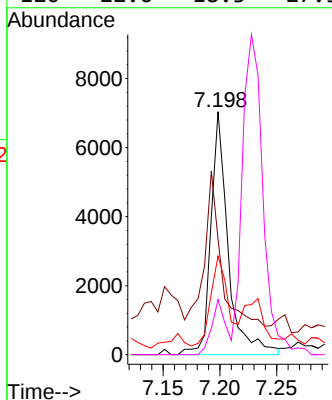
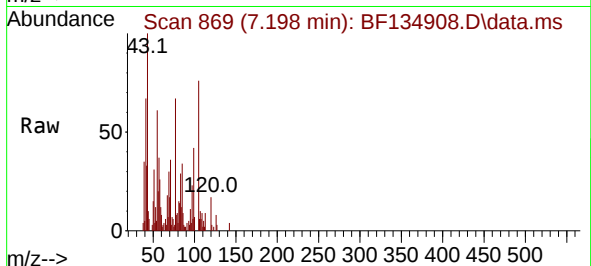




#22
Acetophenone
Concen: 433.071 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.012 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

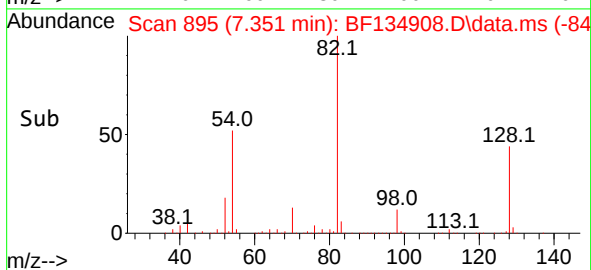
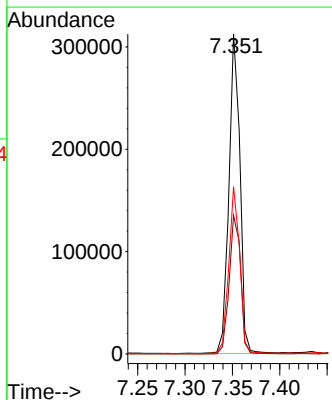
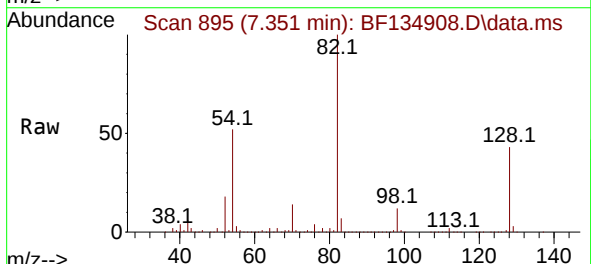
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

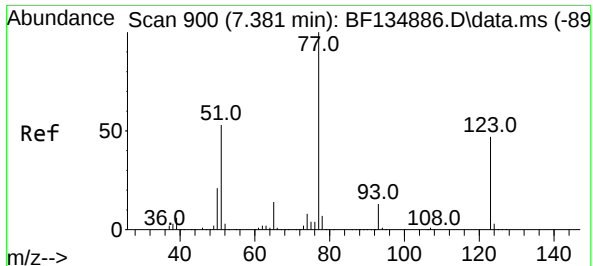
Tgt Ion:	105	Resp:	7447
Ion Ratio	Lower	Upper	
105	100		
71	47.6	4.6	6.8#
51	40.6	32.2	48.2
120	22.6	18.3	27.5



#23
Nitrobenzene-d5
Concen: 17902.491 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:	82	Resp:	252763
Ion Ratio	Lower	Upper	
82	100		
128	43.3	36.6	54.8
54	52.3	42.6	63.8

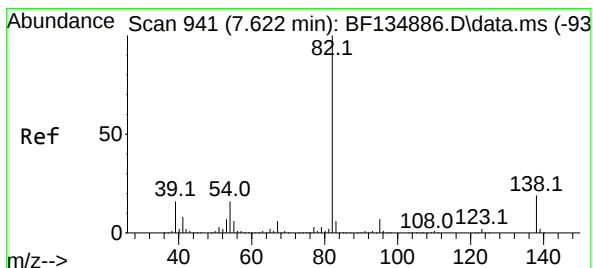
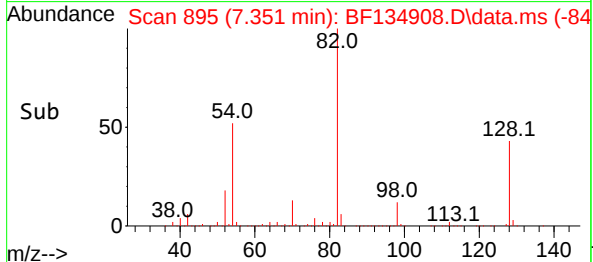
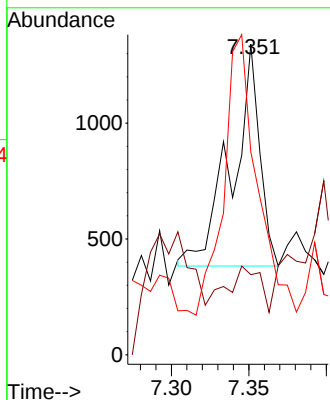
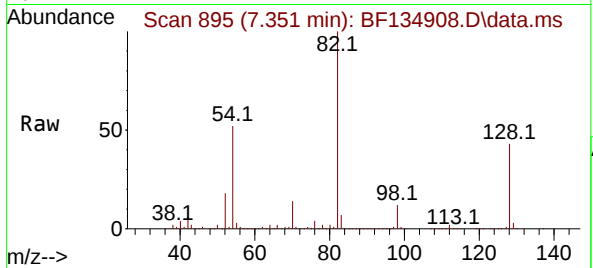




#24
Nitrobenzene
Concen: 84.279 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.029 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

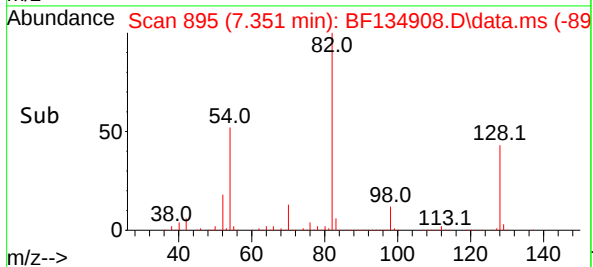
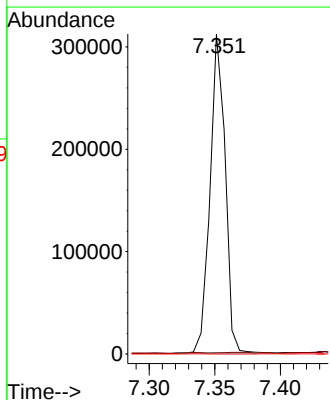
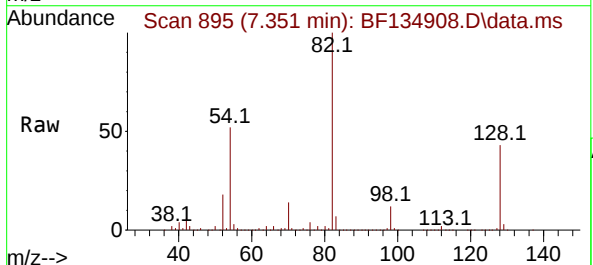
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Client SampleId :
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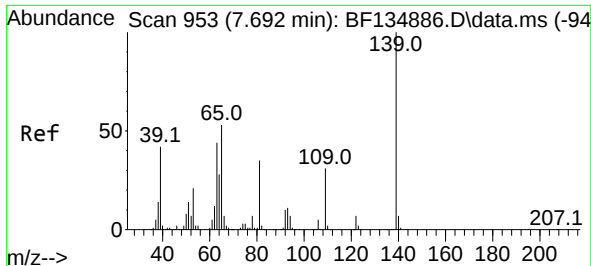
Tgt Ion: 77 Resp: 1194
Ion Ratio Lower Upper
77 100
123 25.8 37.9 56.9#
65 65.3 11.1 16.7#



#25
Isophorone
Concen: 9462.498 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion: 82 Resp: 249470
Ion Ratio Lower Upper
82 100
95 0.4 5.9 8.9#
138 0.0 14.9 22.3#

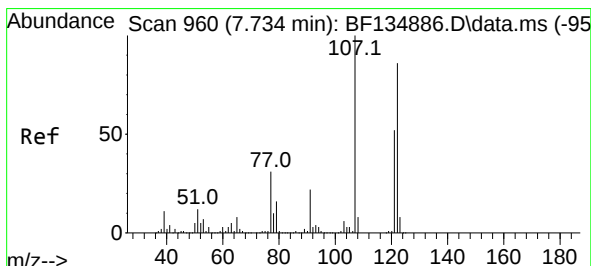
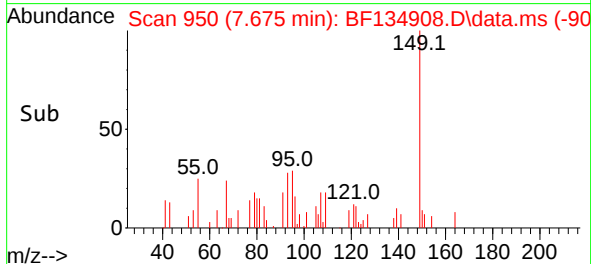
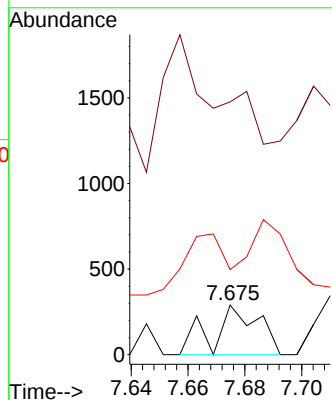
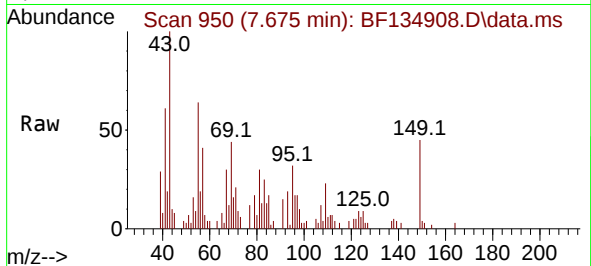




#26
2-Nitrophenol
Concen: 45.653 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

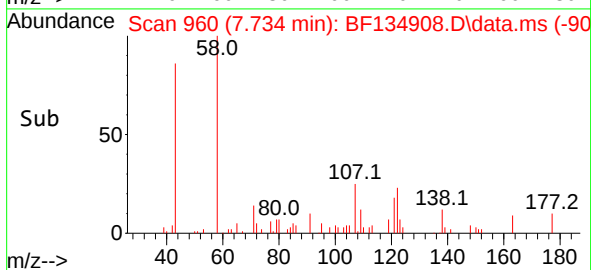
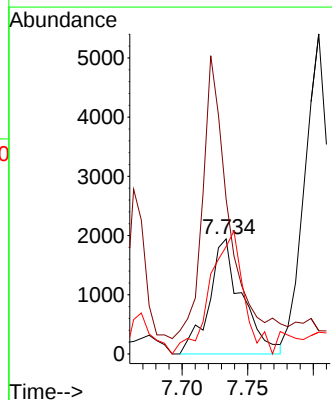
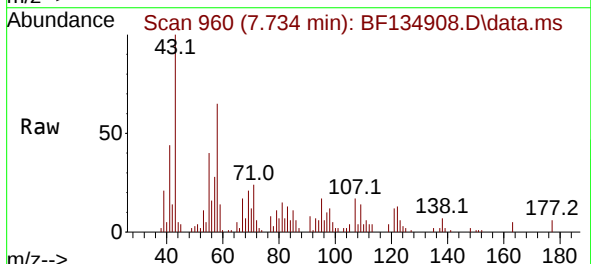
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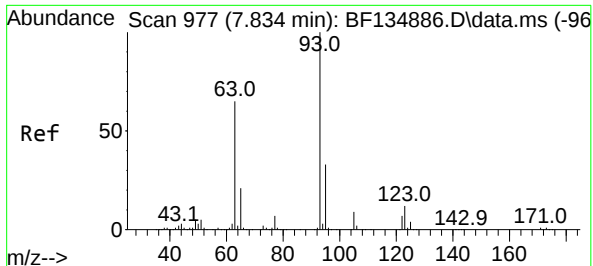
Tgt Ion:139 Resp: 322
Ion Ratio Lower Upper
139 100
109 509.3 24.5 36.7#
65 171.4 42.4 63.6#



#27
2,4-Dimethylphenol
Concen: 294.771 ng
RT: 7.734 min Scan# 960
Delta R.T. -0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:122 Resp: 3391
Ion Ratio Lower Upper
122 100
107 134.7 92.9 139.3
121 93.3 48.4 72.6#

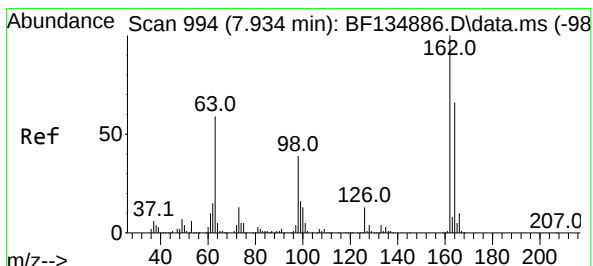
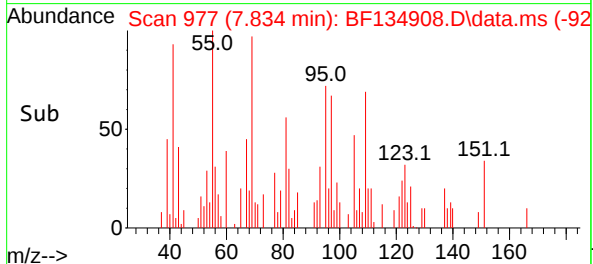
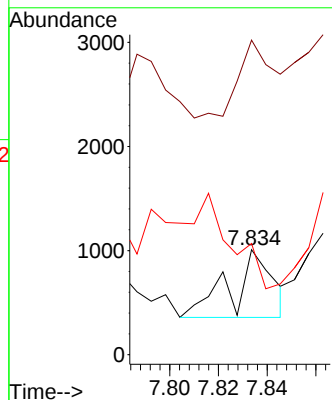
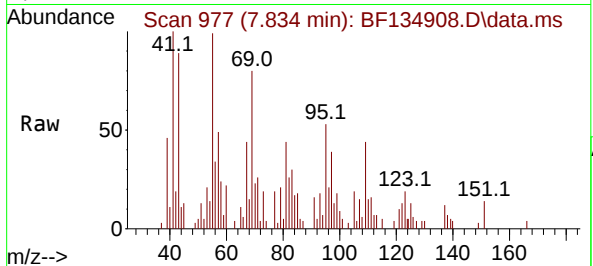




#28
bis(2-Chloroethoxy)methane
Concen: 48.876 ng
RT: 7.834 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

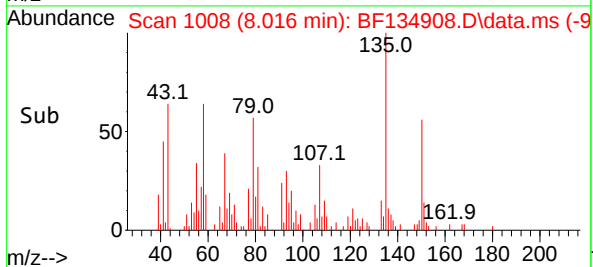
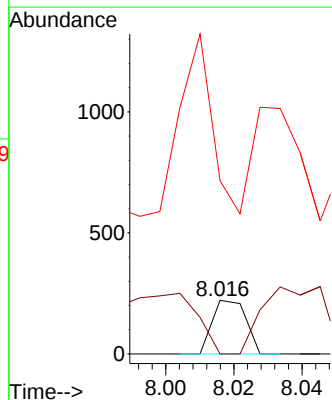
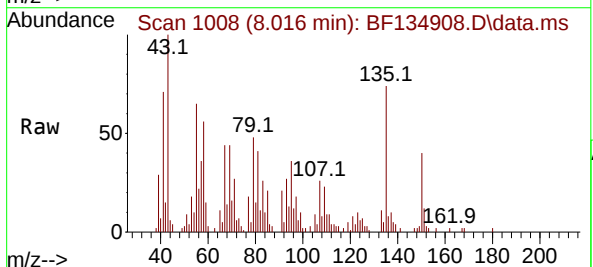
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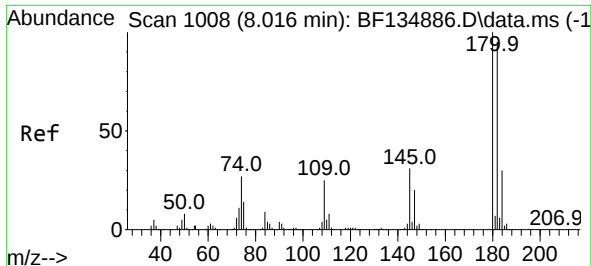
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Ion Ratio Lower Upper
93 100
95 299.8 26.3 39.5#
123 106.0 9.9 14.9#



#29
2,4-Dichlorophenol
Concen: 13.285 ng
RT: 8.016 min Scan# 1008
Delta R.T. 0.082 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion: 162 Resp: 151
Ion Ratio Lower Upper
162 100
164 0.0 45.6 85.6#
98 324.0 18.5 58.5#

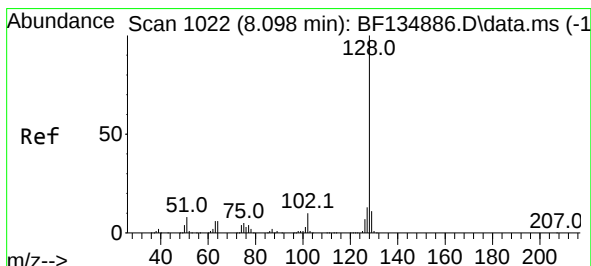
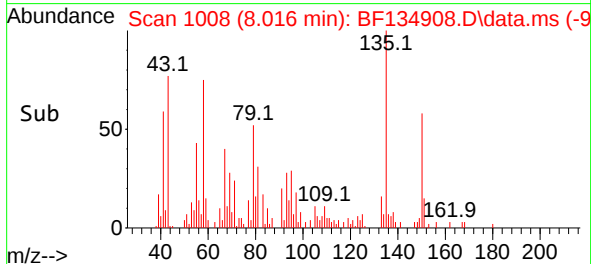
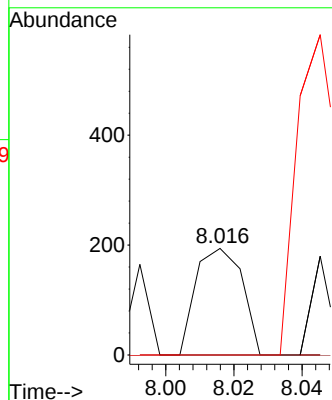
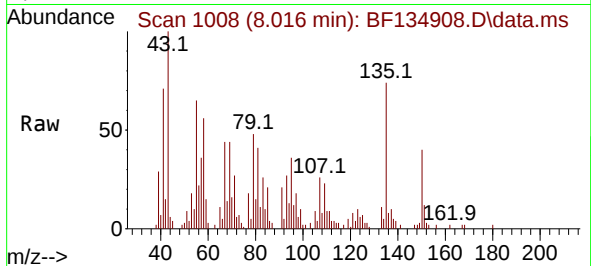




#30
1,2,4-Trichlorobenzene
Concen: 15.248 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

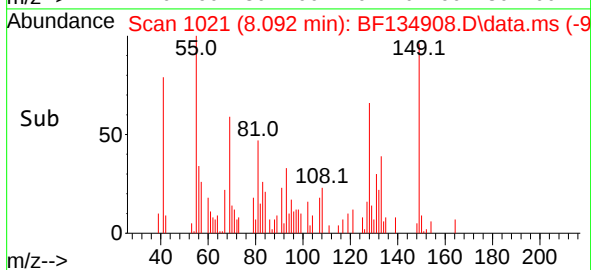
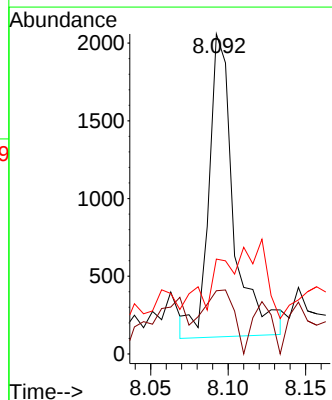
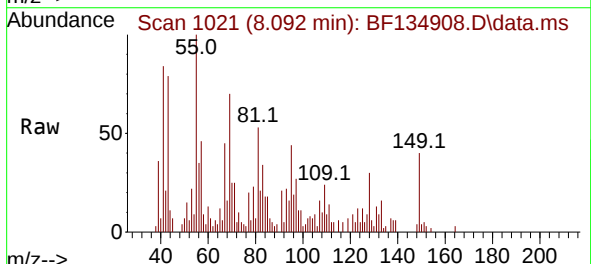
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

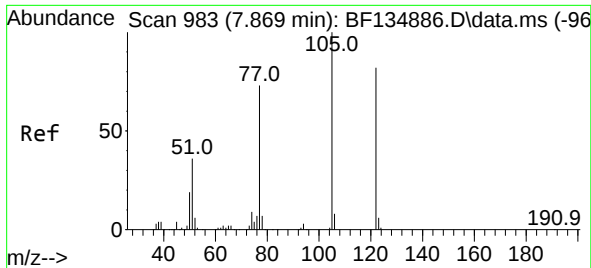
Tgt Ion:180 Resp: 184
Ion Ratio Lower Upper
180 100
182 0.0 76.0 114.0#
145 0.0 24.6 37.0#



#31
Naphthalene
Concen: 56.477 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:128 Resp: 2194
Ion Ratio Lower Upper
128 100
129 19.8 9.0 13.4#
127 29.6 10.6 16.0#

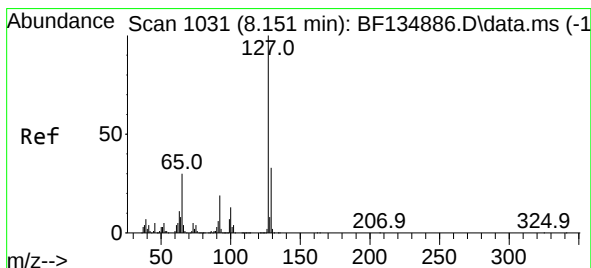
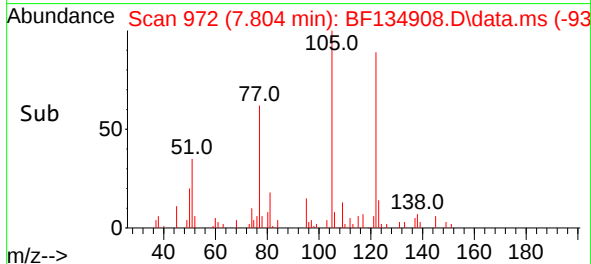
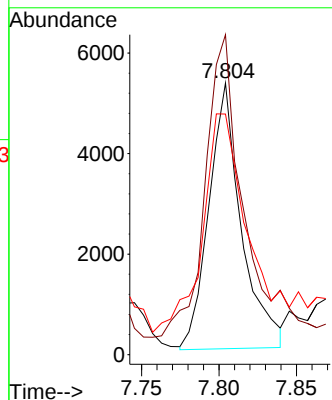
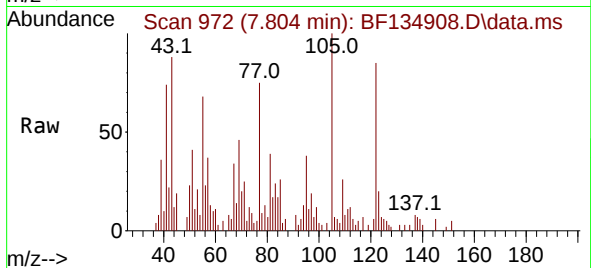




#32
Benzoic acid
Concen: 906.502 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.065 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

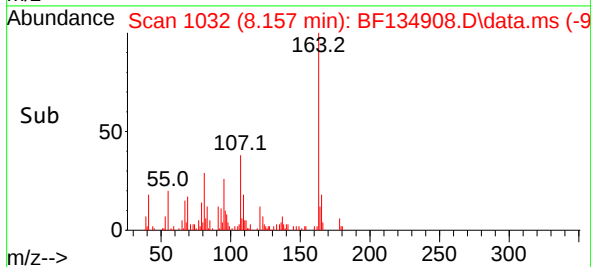
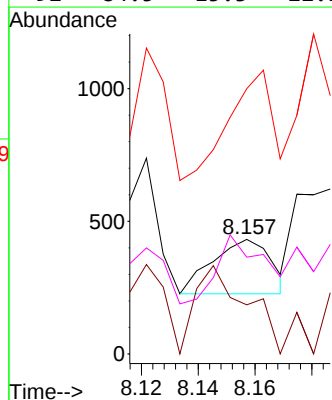
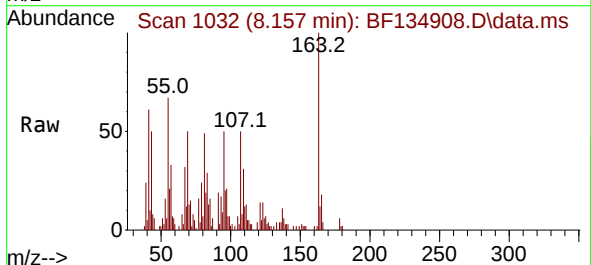
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

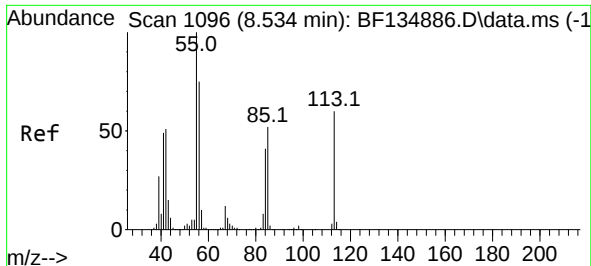
Tgt Ion:	122	Resp:	7696
Ion	Ratio	Lower	Upper
122	100		
105	117.8	98.6	138.6
77	88.6	68.6	108.6



#33
4-Chloroaniline
Concen: 17.579 ng
RT: 8.157 min Scan# 1032
Delta R.T. 0.006 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:	127	Resp:	293
Ion	Ratio	Lower	Upper
127	100		
129	42.8	26.4	39.6#
65	231.5	23.8	35.8#
92	84.5	15.3	22.9#

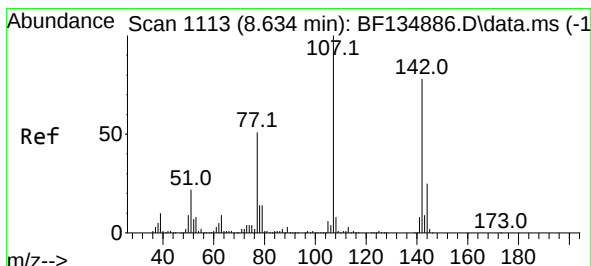
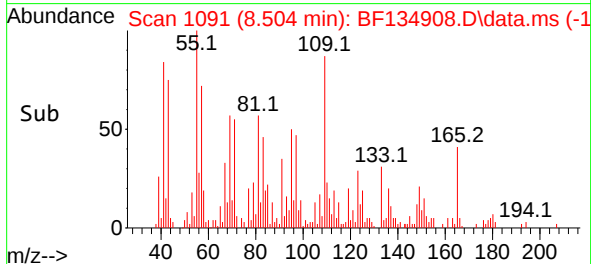
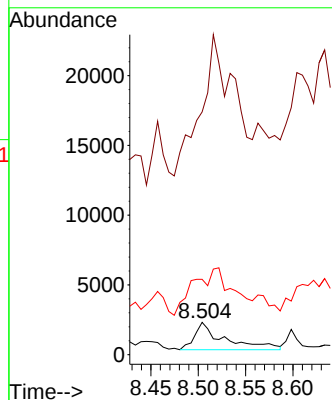
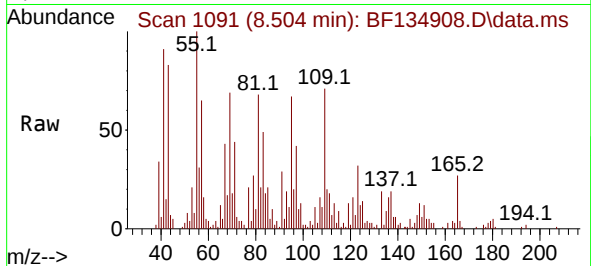




#35
 Caprolactam
 Concen: 1218.361 ng
 RT: 8.504 min Scan# 1109
 Delta R.T. -0.029 min
 Lab File: BF134908.D
 Acq: 23 Aug 2023 17:09

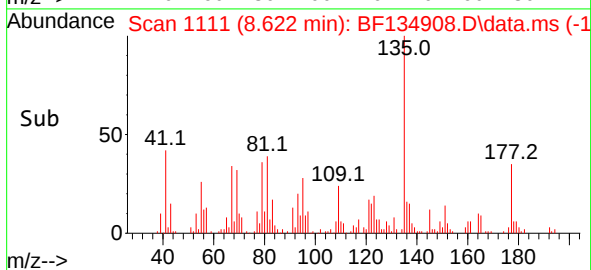
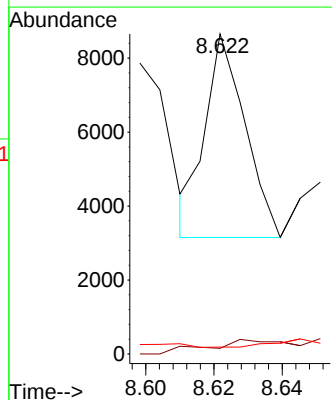
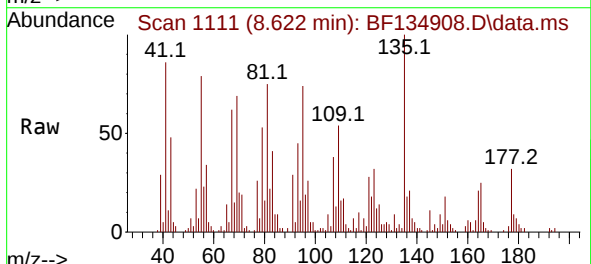
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

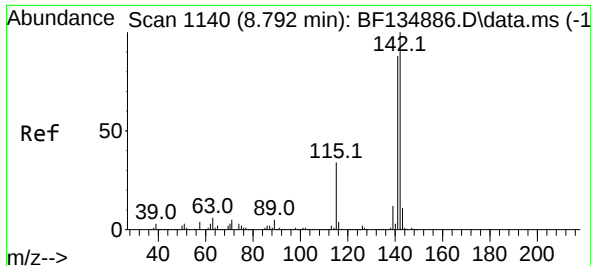
Tgt Ion:113 Resp: 4323
 Ion Ratio Lower Upper
 113 100
 55 752.3 147.2 187.2#
 56 233.6 106.0 146.0#



#36
 4-Chloro-3-methylphenol
 Concen: 372.579 ng
 RT: 8.622 min Scan# 1111
 Delta R.T. -0.012 min
 Lab File: BF134908.D
 Acq: 23 Aug 2023 17:09

Tgt Ion:107 Resp: 4469
 Ion Ratio Lower Upper
 107 100
 144 1.7 20.2 30.2#
 142 2.2 62.5 93.7#





#37

2-Methylnaphthalene

Concen: 301.848 ng

RT: 8.786 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

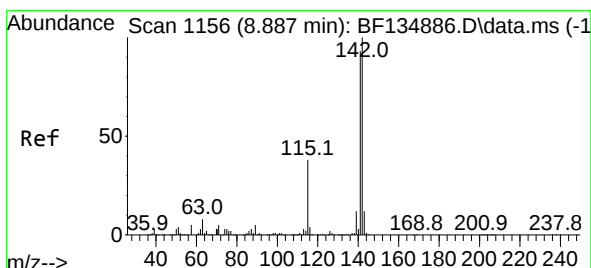
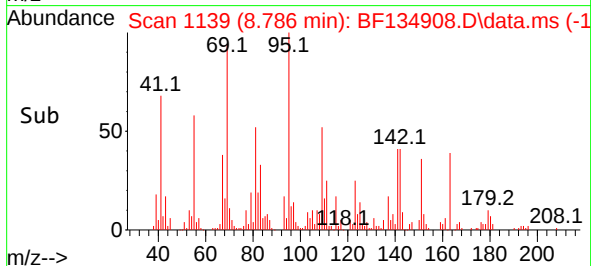
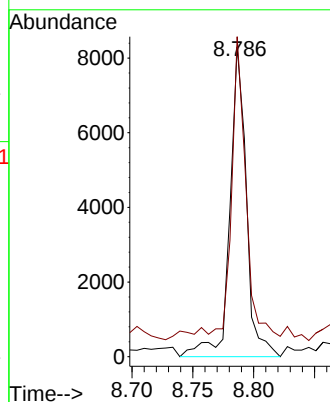
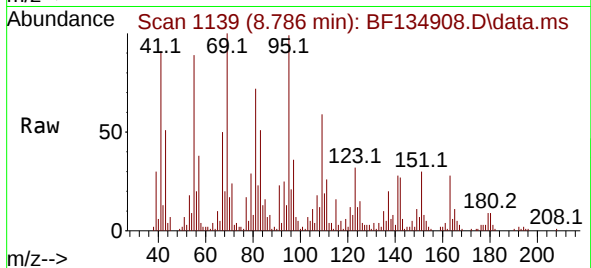
CONC-WC-1

Tgt Ion:142 Resp: 7820

Ion Ratio Lower Upper

142 100

141 103.2 70.2 105.2



#38

1-Methylnaphthalene

Concen: 252.095 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF134908.D

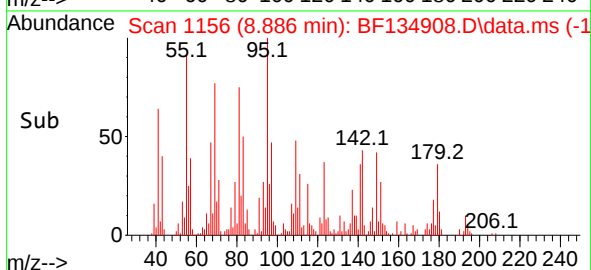
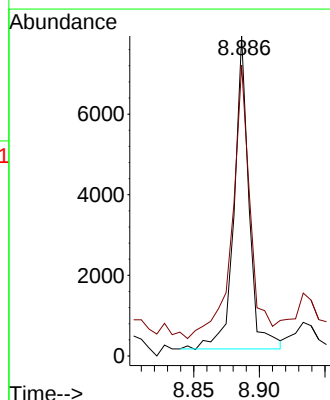
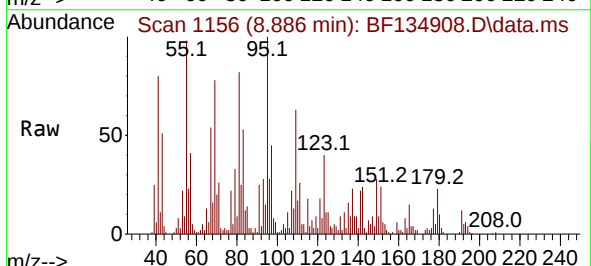
Acq: 23 Aug 2023 17:09

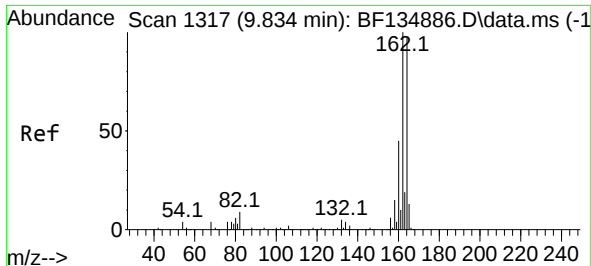
Tgt Ion:142 Resp: 6107

Ion Ratio Lower Upper

142 100

141 90.9 74.1 111.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

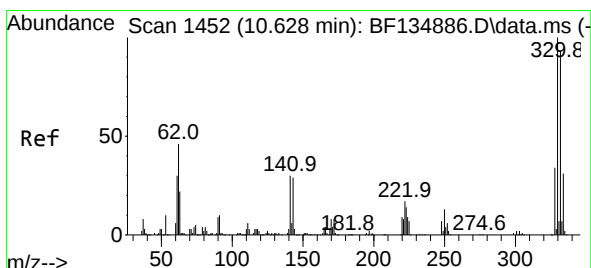
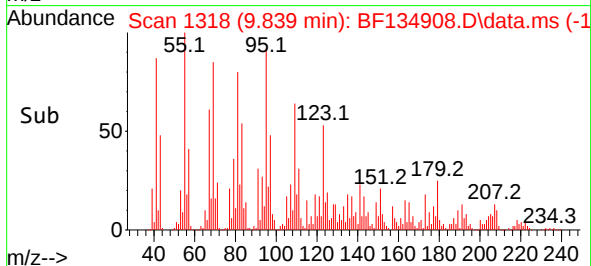
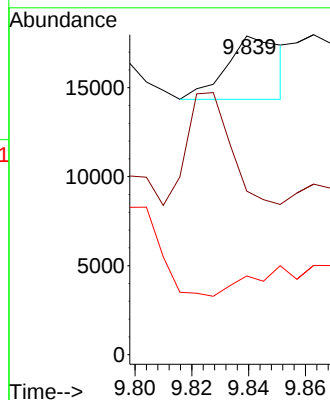
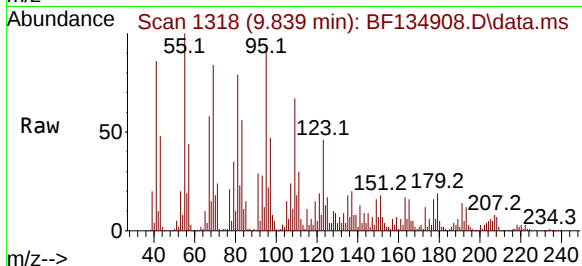
Tgt Ion:164 Resp: 4699

Ion Ratio Lower Upper

164 100

162 51.3 82.6 123.8#

160 24.7 37.0 55.4#



#42

2,4,6-Tribromophenol

Concen: 801.500 ng

RT: 10.686 min Scan# 1462

Delta R.T. 0.059 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

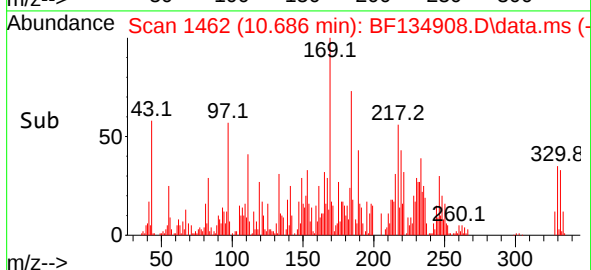
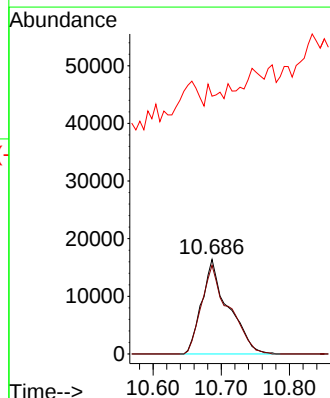
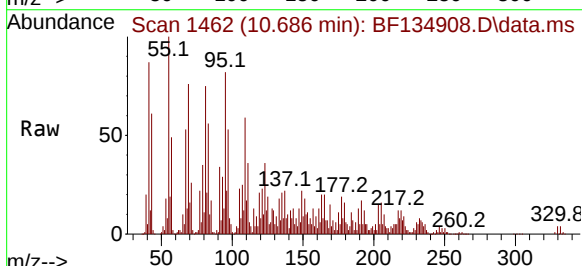
Tgt Ion:330 Resp: 44357

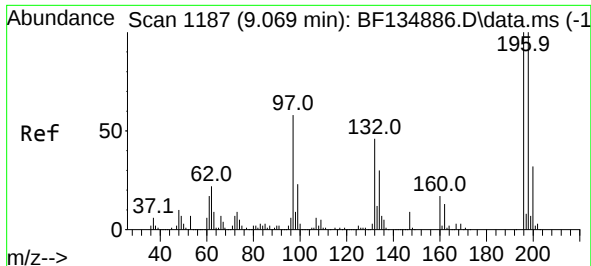
Ion Ratio Lower Upper

330 100

332 97.0 76.3 114.5

141 0.0 23.4 35.2#





#43

2,4,6-Trichlorophenol

Concen: 9.094 ng

RT: 9.063 min Scan# 1187

Delta R.T. -0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

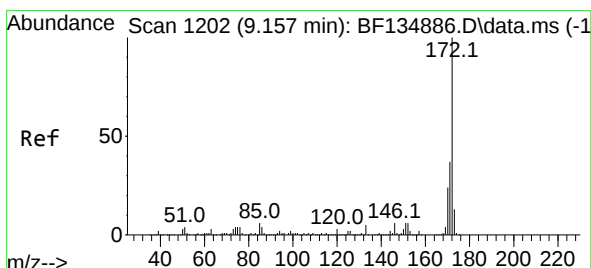
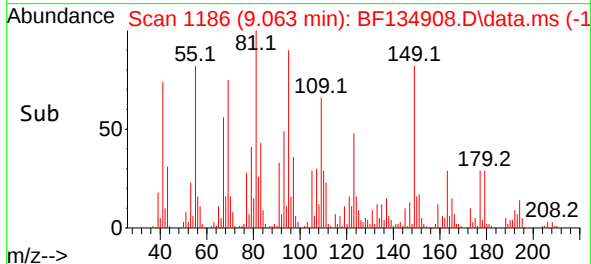
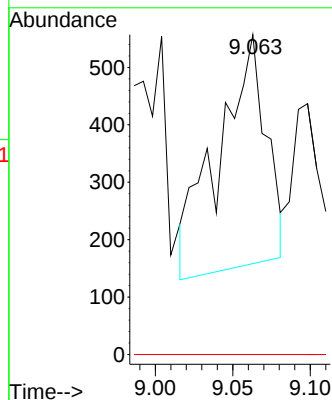
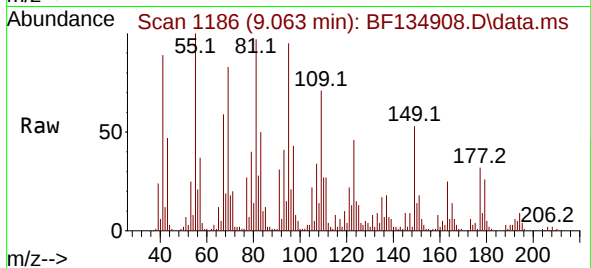
Tgt Ion:196 Resp: 860

Ion Ratio Lower Upper

196 100

198 0.0 79.8 119.6#

200 0.0 25.8 38.6#



#45

2-Fluorobiphenyl

Concen: 1569.751 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

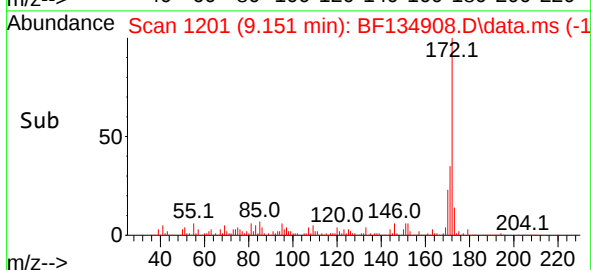
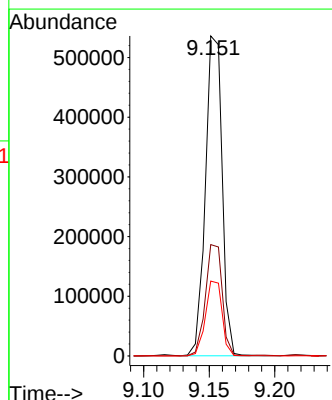
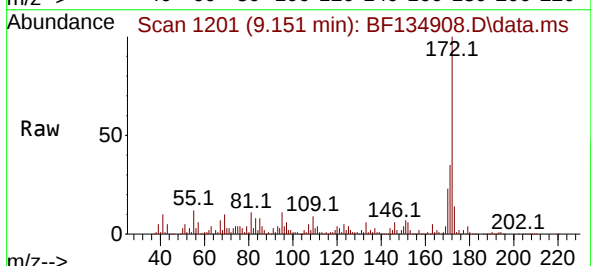
Tgt Ion:172 Resp: 477152

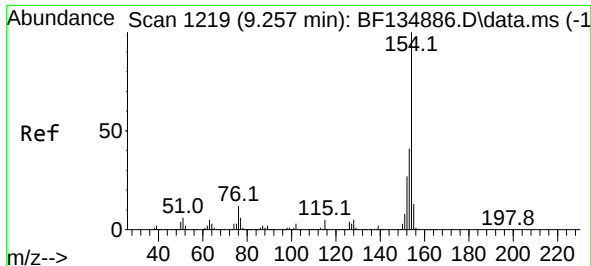
Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

170 23.4 19.6 29.4





#46

1,1'-Biphenyl

Concen: 6.383 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

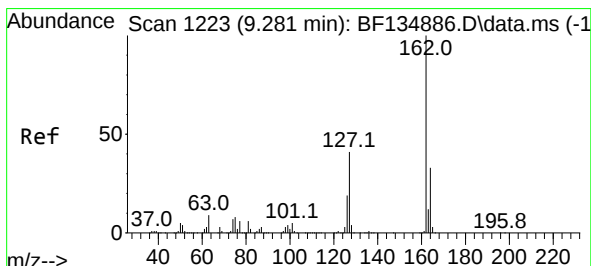
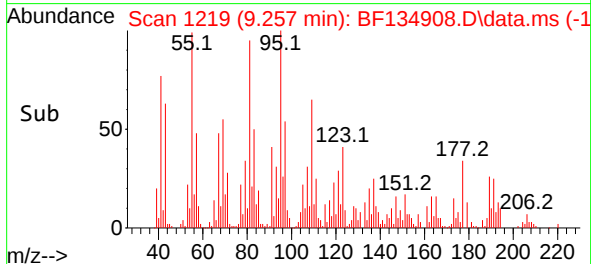
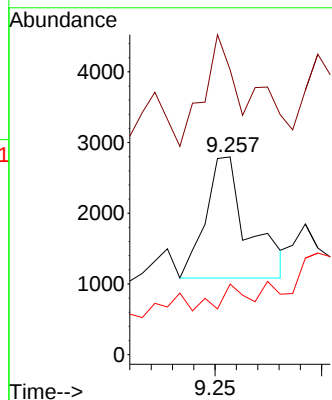
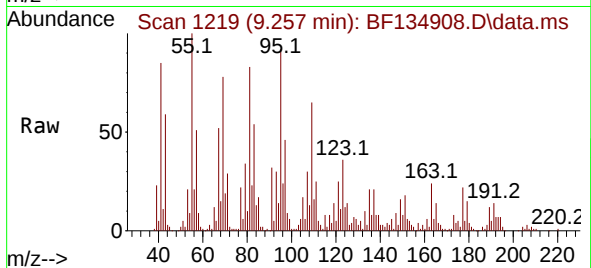
Tgt Ion:154 Resp: 2368

Ion Ratio Lower Upper

154 100

153 144.0 21.3 61.3#

76 35.7 0.0 31.8#



#47

2-Chloronaphthalene

Concen: 3.393 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.011 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

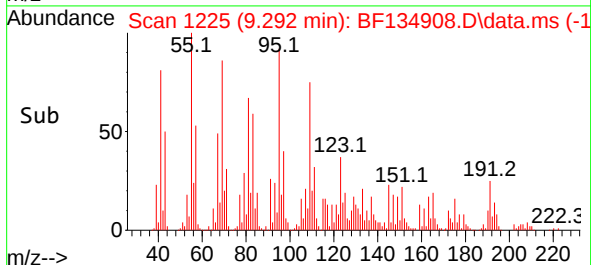
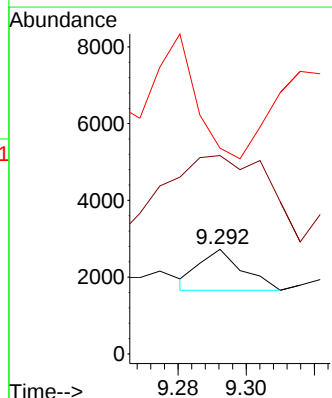
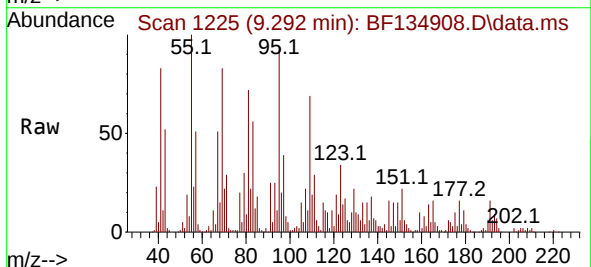
Tgt Ion:162 Resp: 940

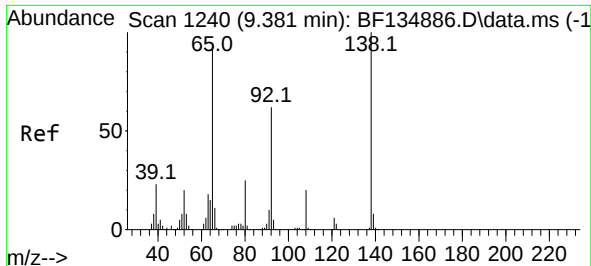
Ion Ratio Lower Upper

162 100

127 189.4 33.4 50.0#

164 196.6 26.6 39.8#

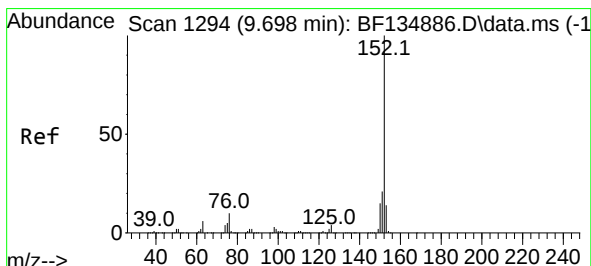
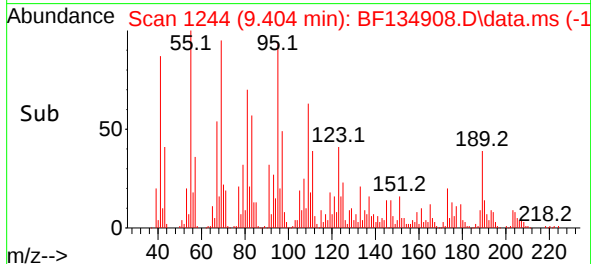
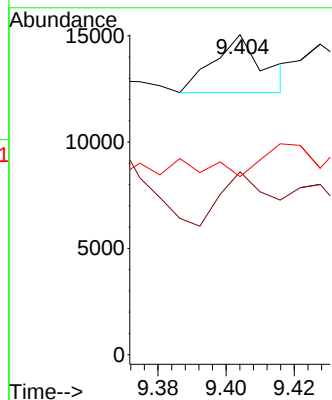
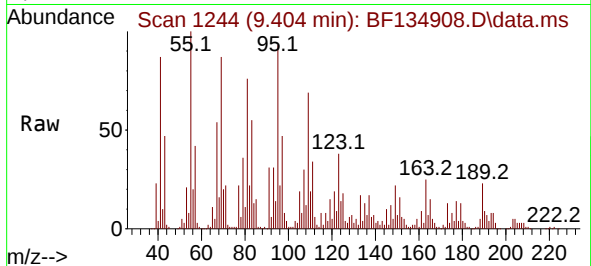




#48
2-Nitroaniline
Concen: 30.372 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.023 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

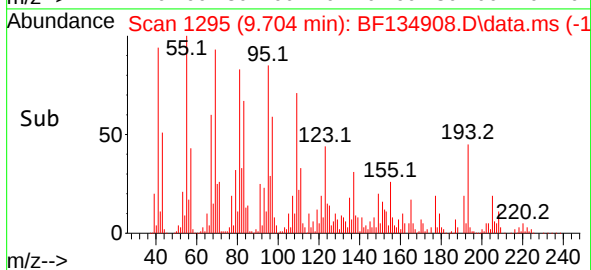
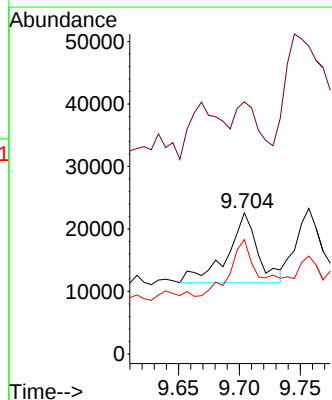
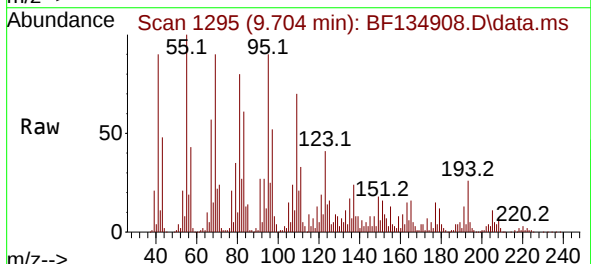
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

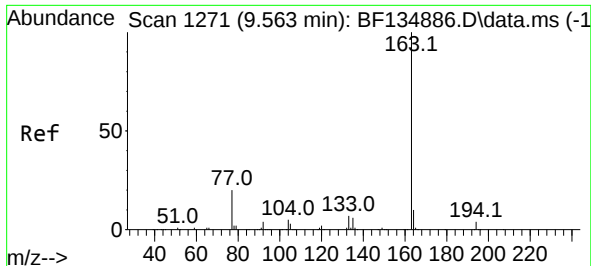
Tgt Ion: 65 Resp: 2766
Ion Ratio Lower Upper
65 100
92 57.2 53.8 80.8
138 55.7 86.5 129.7#



#49
Acenaphthylene
Concen: 45.892 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.006 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:152 Resp: 19580
Ion Ratio Lower Upper
152 100
151 178.7 16.5 24.7#
153 81.0 11.3 16.9#

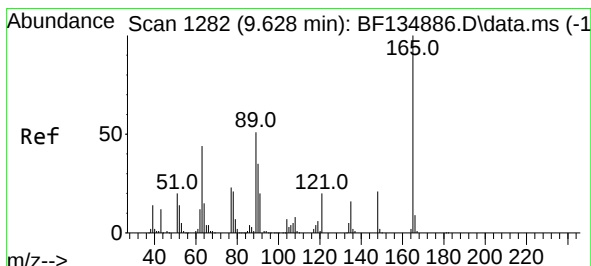
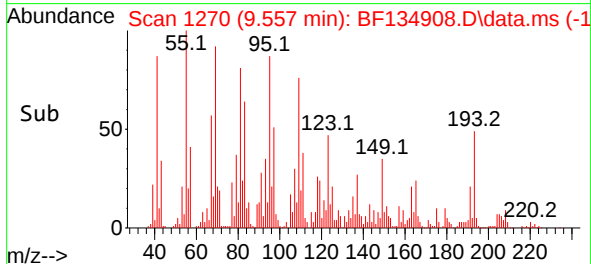
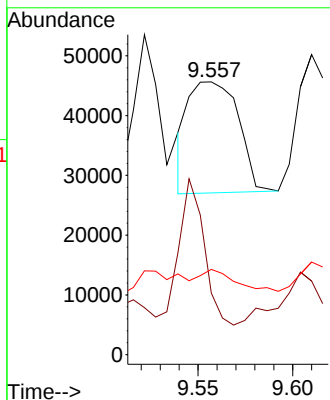
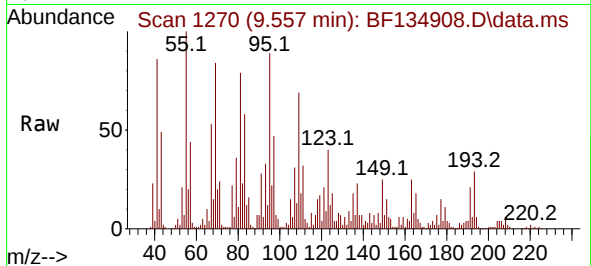




#50
Dimethylphthalate
Concen: 102.365 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

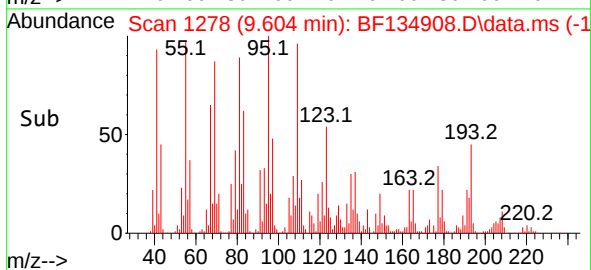
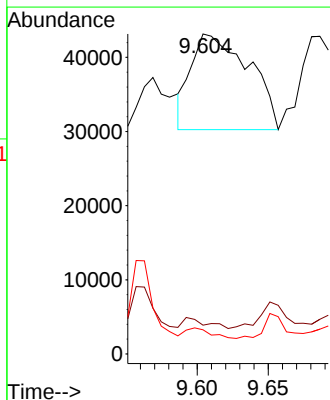
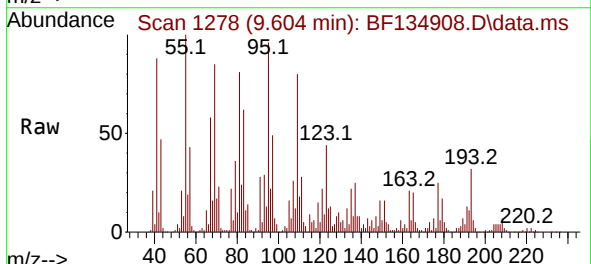
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

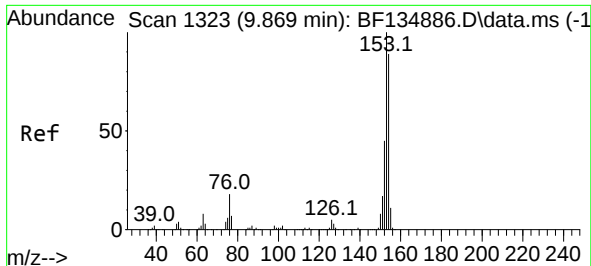
Tgt Ion:163 Resp: 34239
Ion Ratio Lower Upper
163 100
194 22.6 3.2 4.8#
164 31.2 8.2 12.4#



#51
2,6-Dinitrotoluene
Concen: 494.428 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.024 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:165 Resp: 36475
Ion Ratio Lower Upper
165 100
63 9.0 41.4 62.2#
89 7.6 40.9 61.3#

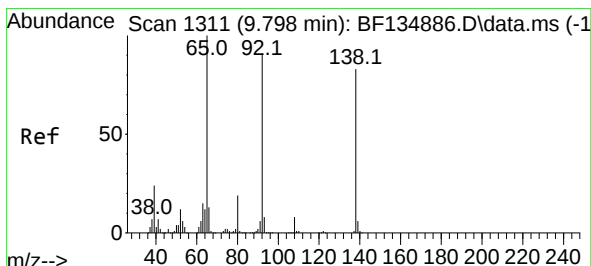
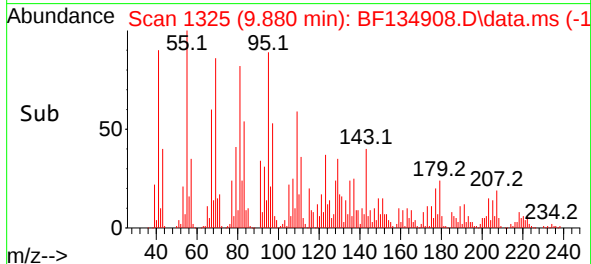
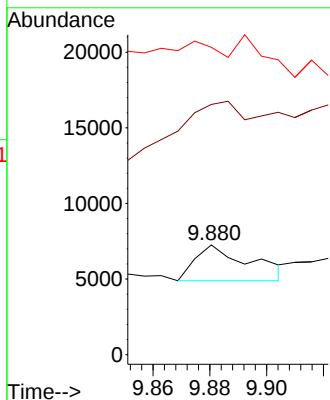
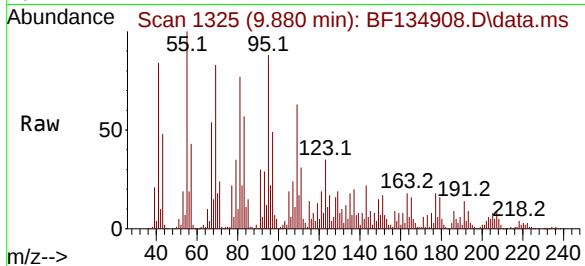




#52
Acenaphthene
Concen: 11.734 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.012 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

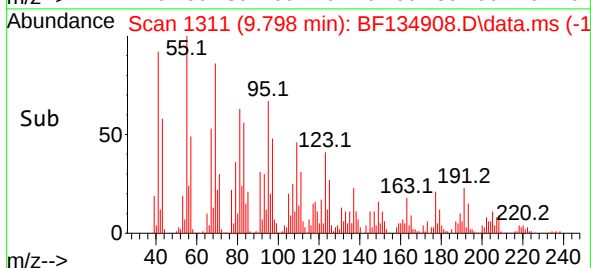
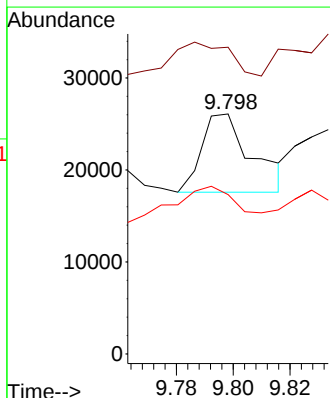
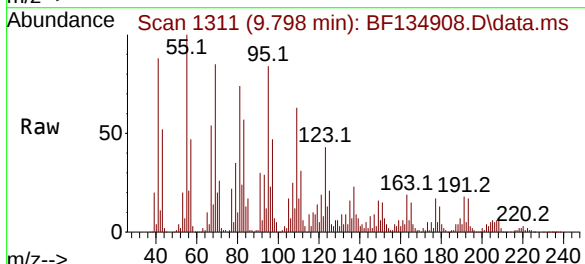
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

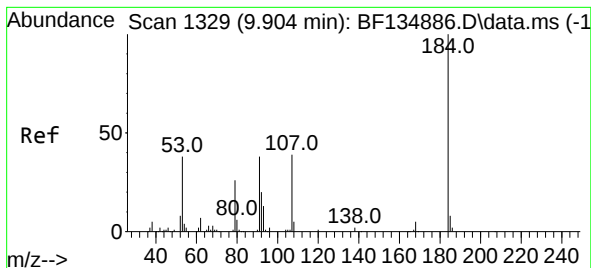
Tgt Ion:154 Resp: 3154
Ion Ratio Lower Upper
154 100
153 228.0 89.6 134.4#
152 280.2 40.5 60.7#



#53
3-Nitroaniline
Concen: 129.889 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:138 Resp: 10466
Ion Ratio Lower Upper
138 100
108 127.8 8.0 12.0#
92 66.4 87.6 131.4#





#54

2,4-Dinitrophenol

Concen: 34.837 ng

RT: 9.910 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

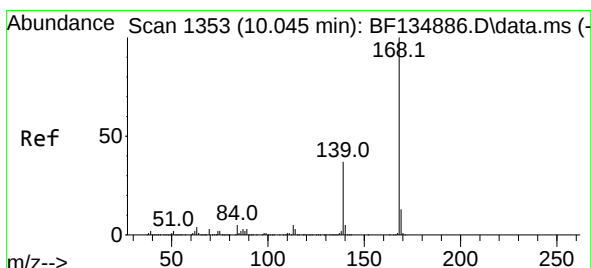
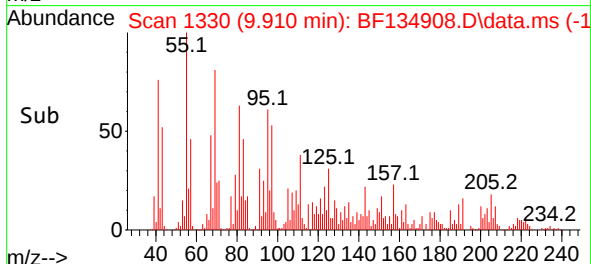
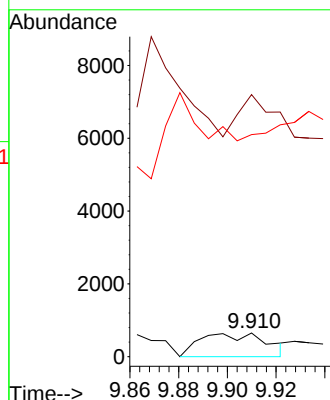
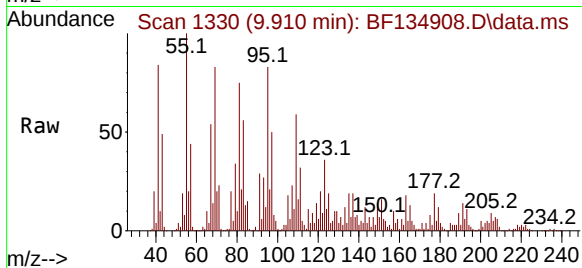
Tgt Ion:184 Resp: 1216

Ion Ratio Lower Upper

184 100

63 1106.5 42.8 64.2#

154 937.5 48.0 72.0#



#55

Dibenzofuran

Concen: 3.889 ng

RT: 10.057 min Scan# 1355

Delta R.T. 0.012 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

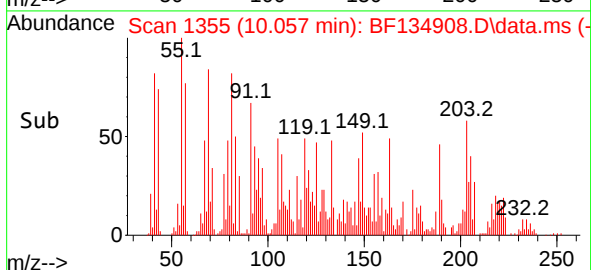
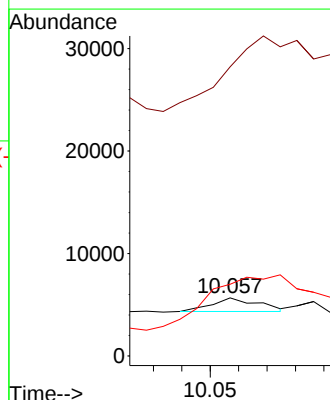
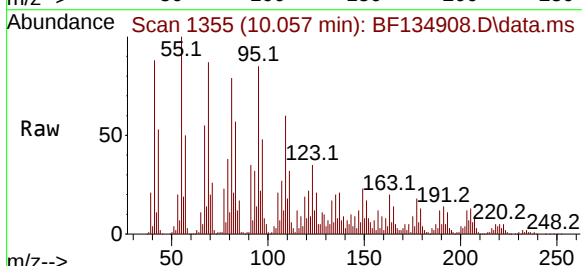
Tgt Ion:168 Resp: 1522

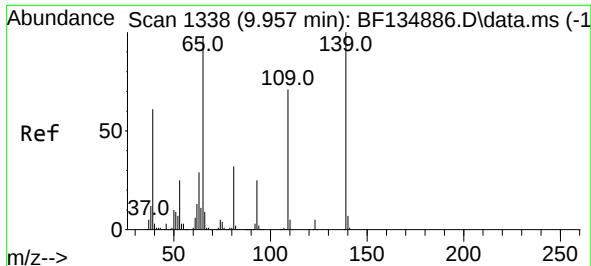
Ion Ratio Lower Upper

168 100

139 497.6 29.5 44.3#

169 123.4 10.7 16.1#

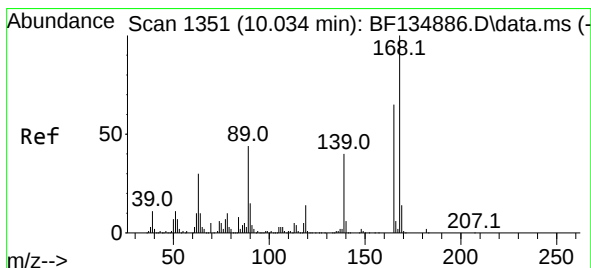
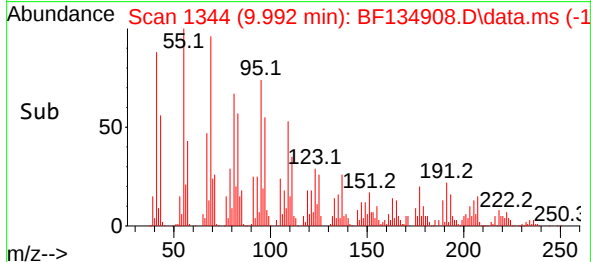
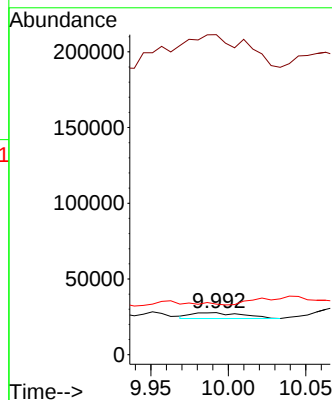
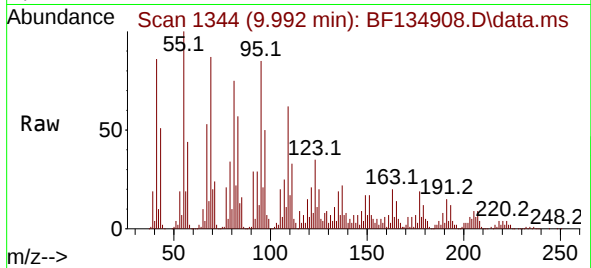




#56
4-Nitrophenol
Concen: 160.296 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.035 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

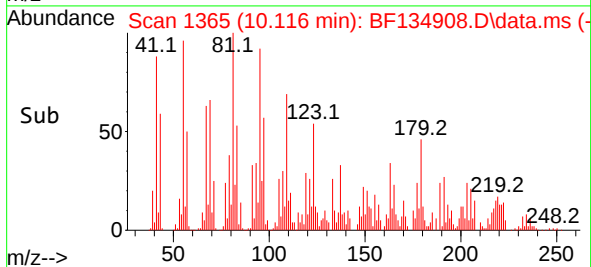
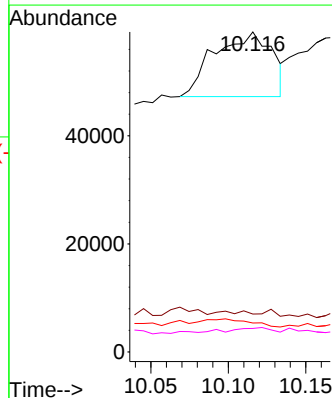
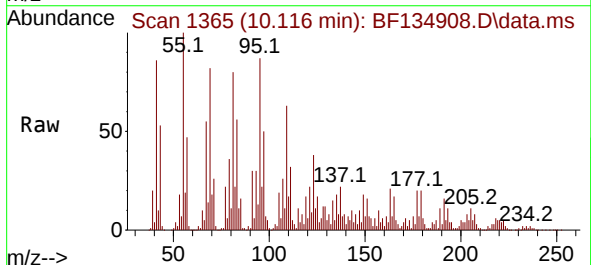
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

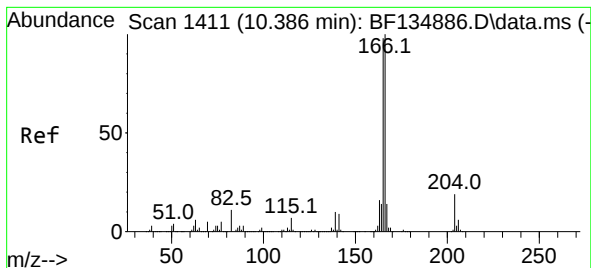
Tgt Ion:139 Resp: 9001
Ion Ratio Lower Upper
139 100
109 759.1 51.0 91.0#
65 119.9 78.5 118.5#



#57
2,4-Dinitrotoluene
Concen: 336.093 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.082 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:165 Resp: 30663
Ion Ratio Lower Upper
165 100
63 11.9 37.7 56.5#
89 9.1 54.2 81.4#
182 7.3 2.2 3.2#





#58

Fluorene

Concen: 26.482 ng

RT: 10.375 min Scan# 1411

Delta R.T. -0.011 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

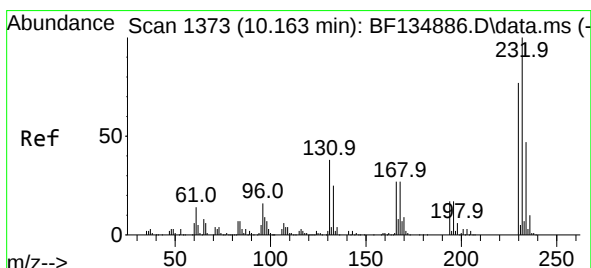
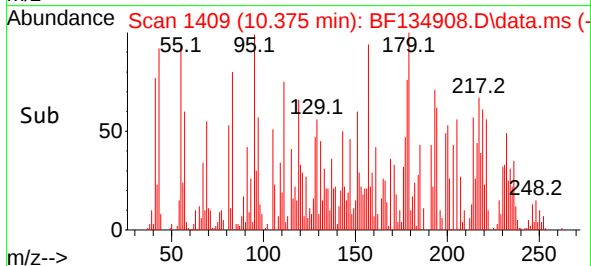
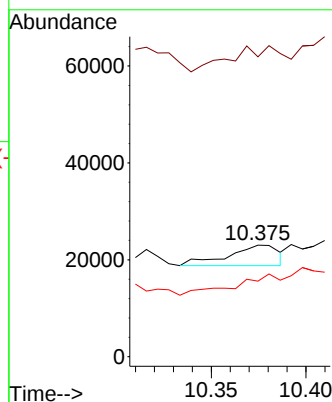
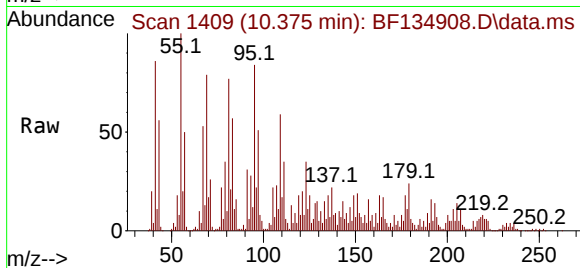
Tgt Ion:166 Resp: 7860

Ion Ratio Lower Upper

166 100

165 269.0 78.5 117.7#

167 67.7 11.0 16.6#



#59

2,3,4,6-Tetrachlorophenol

Concen: 87.937 ng

RT: 10.192 min Scan# 1378

Delta R.T. 0.029 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Tgt Ion:232 Resp: 7501

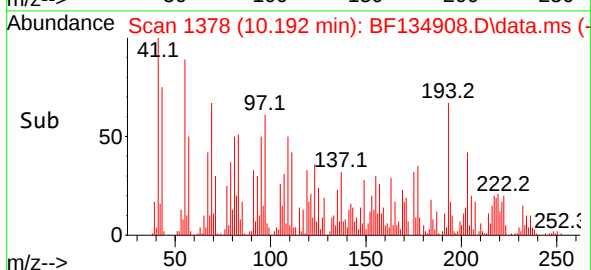
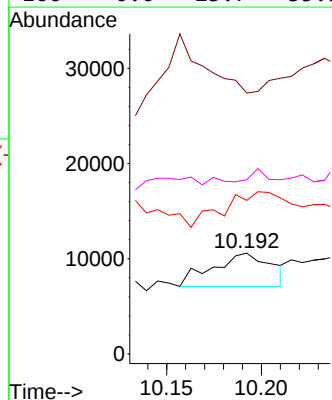
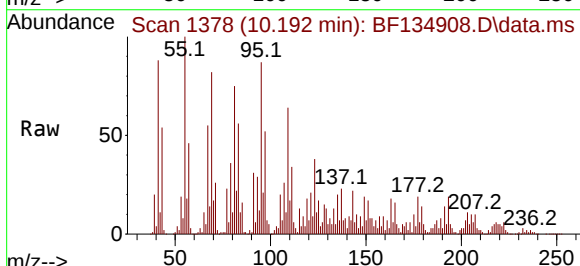
Ion Ratio Lower Upper

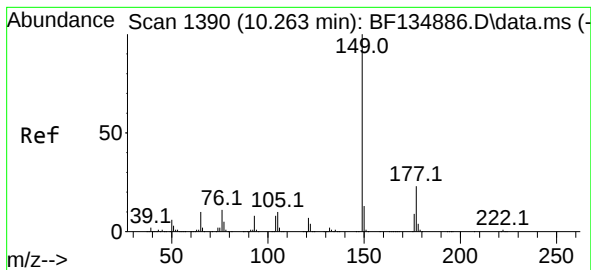
232 100

131 0.0 33.9 50.9#

130 164.8 1.6 2.4#

166 0.0 23.7 35.5#





#60

Diethylphthalate

Concen: 7.633 ng

RT: 10.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

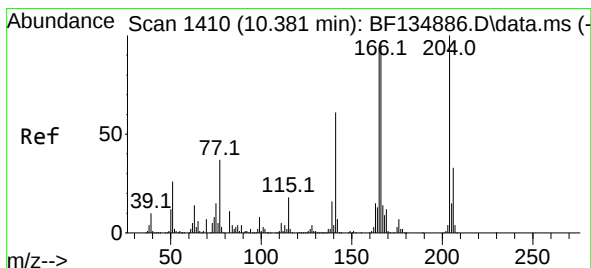
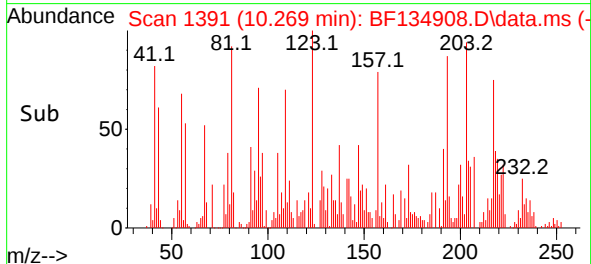
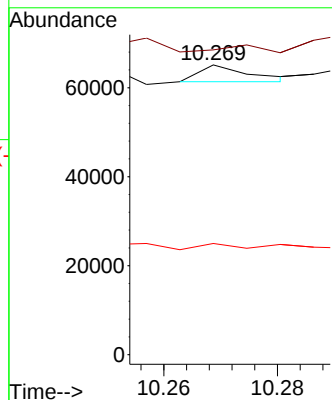
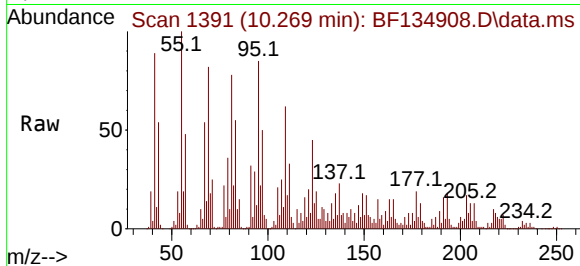
Tgt Ion:149 Resp: 2339

Ion Ratio Lower Upper

149 100

177 105.2 18.4 27.6#

150 38.4 10.3 15.5#



#61

4-Chlorophenyl-phenylether

Concen: 183.338 ng

RT: 10.451 min Scan# 1422

Delta R.T. 0.070 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

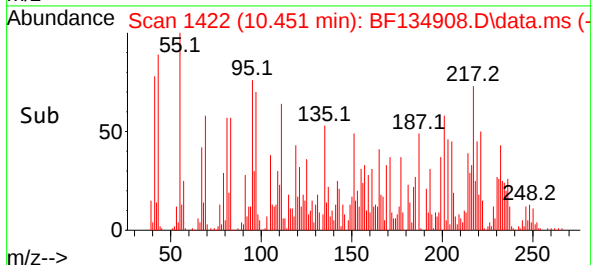
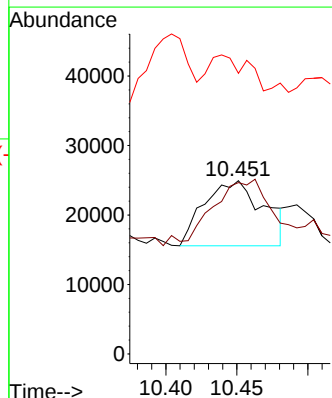
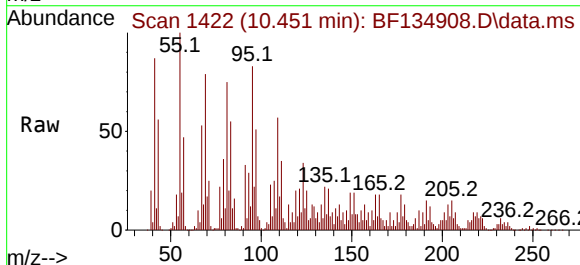
Tgt Ion:204 Resp: 27278

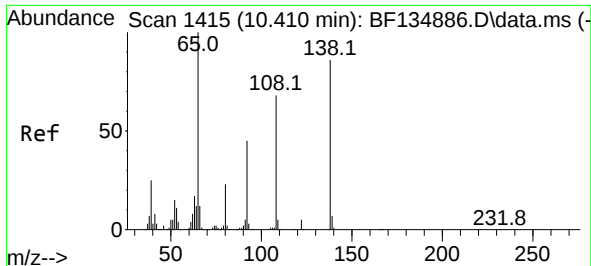
Ion Ratio Lower Upper

204 100

206 98.9 26.3 39.5#

141 162.0 48.6 73.0#

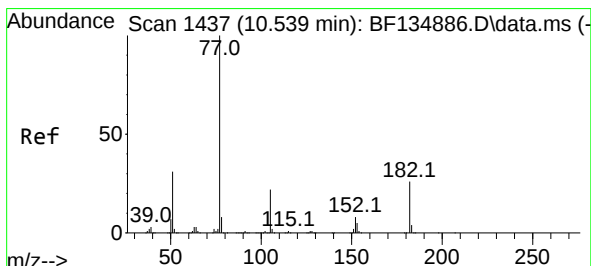
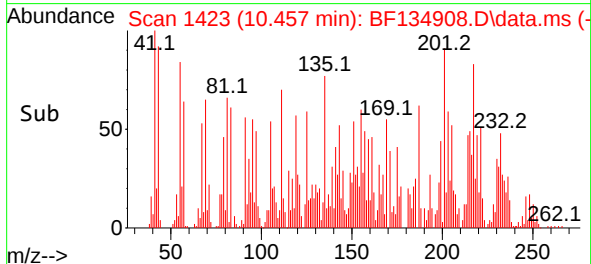
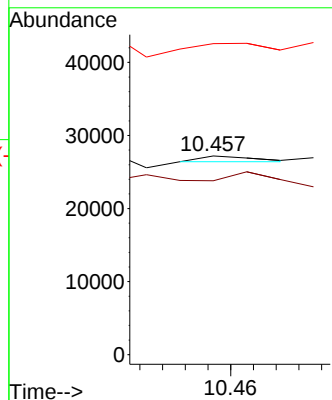
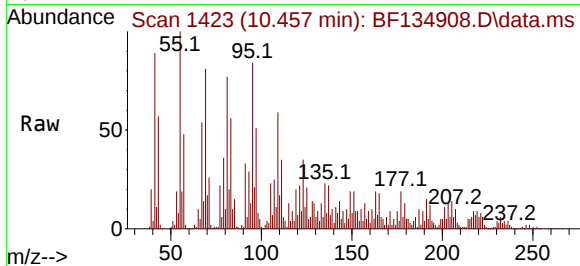




#62
4-Nitroaniline
Concen: 6.704 ng
RT: 10.457 min Scan# 1415
Delta R.T. 0.047 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

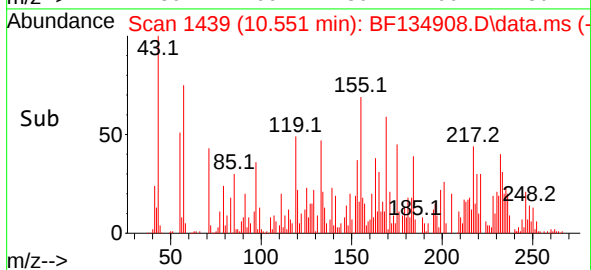
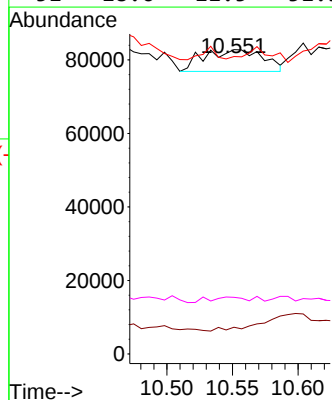
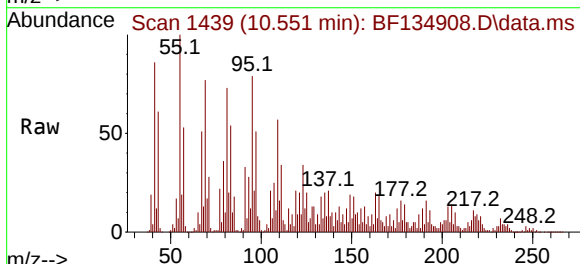
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

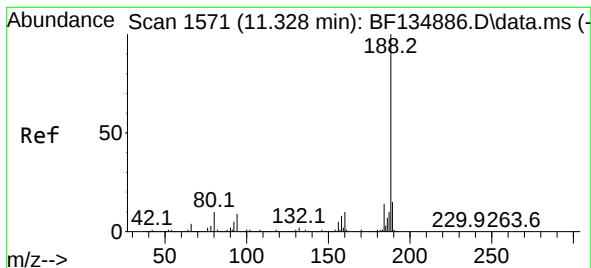
Tgt Ion:138 Resp: 505
Ion Ratio Lower Upper
138 100
92 87.5 32.5 72.5#
108 156.5 58.6 98.6#



#63
Azobenzene
Concen: 60.933 ng
RT: 10.551 min Scan# 1439
Delta R.T. 0.012 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion: 77 Resp: 18550
Ion Ratio Lower Upper
77 100
182 8.8 5.8 45.8
105 97.8 1.6 41.6#
51 18.6 11.5 51.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

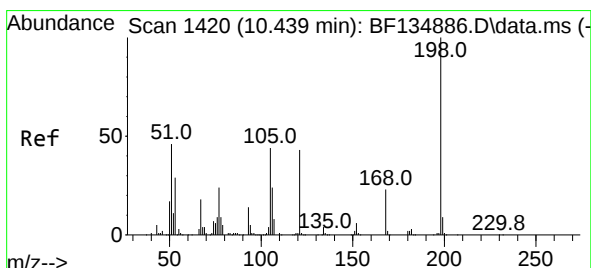
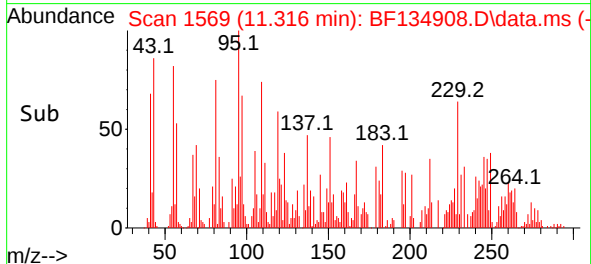
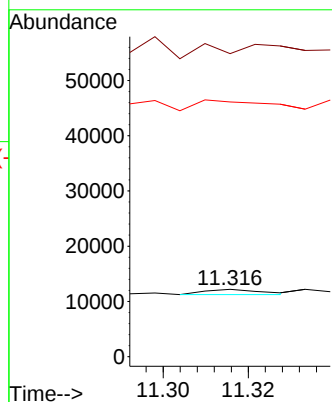
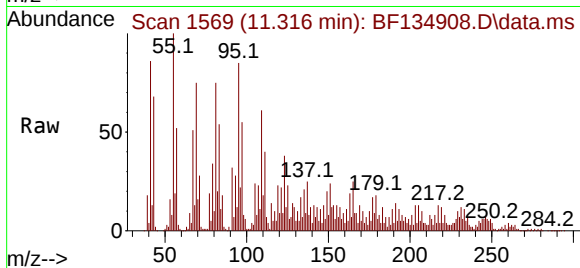
Tgt Ion:188 Resp: 893

Ion Ratio Lower Upper

188 100

94 450.1 7.5 11.3#

80 378.4 7.8 11.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 5140.368 ng

RT: 10.439 min Scan# 1420

Delta R.T. 0.000 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

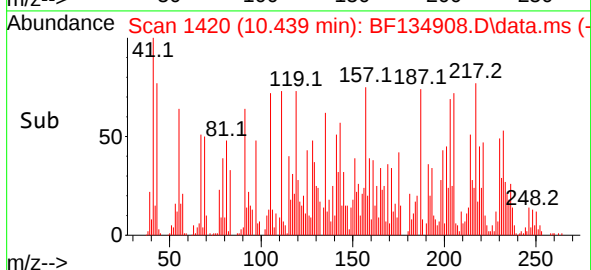
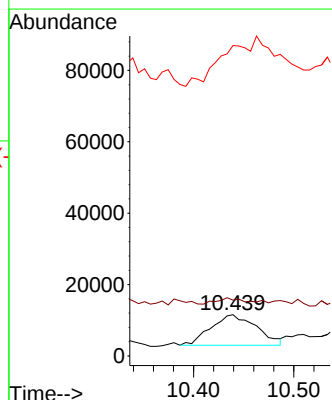
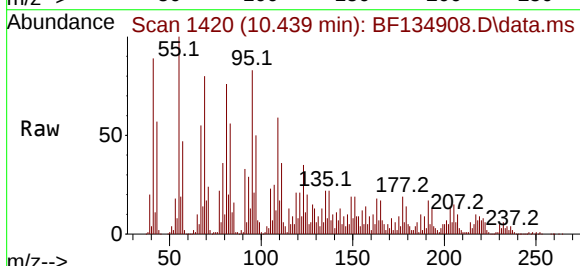
Tgt Ion:198 Resp: 27086

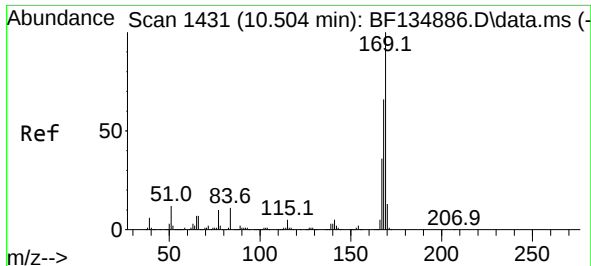
Ion Ratio Lower Upper

198 100

51 135.5 30.3 70.3#

105 753.0 24.5 64.5#

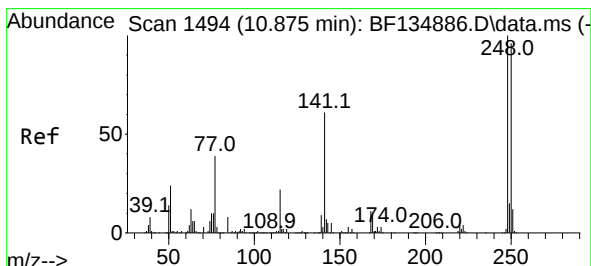
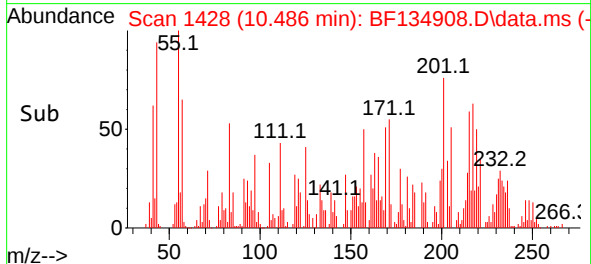
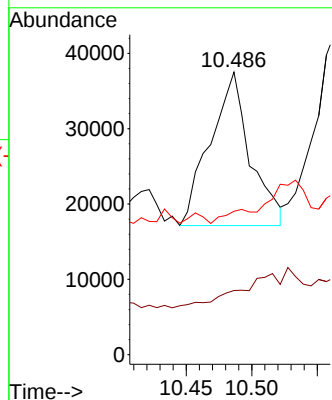
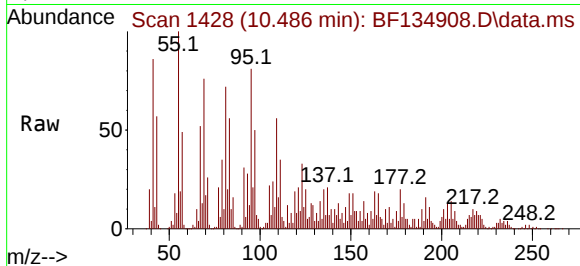




#66
n-Nitrosodiphenylamine
Concen: 1501.754 ng
RT: 10.486 min Scan# 1431
Delta R.T. -0.018 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

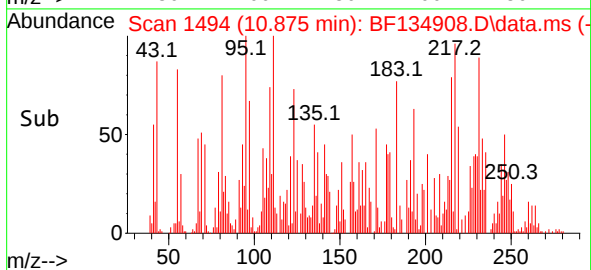
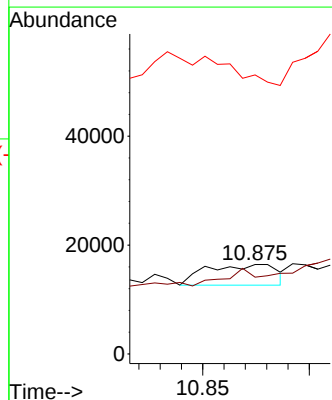
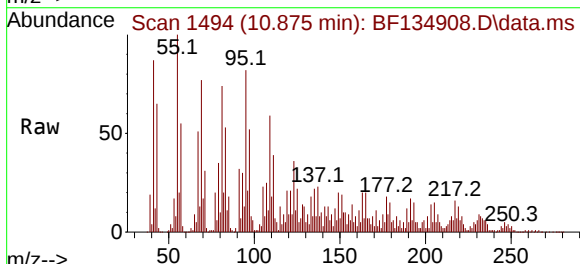
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

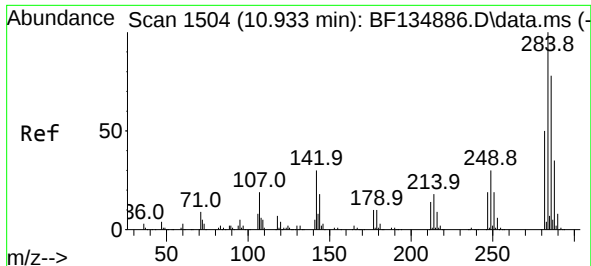
Tgt Ion:169 Resp: 43186
Ion Ratio Lower Upper
169 100
168 22.7 53.0 79.6#
167 50.7 29.0 43.6#



#67
4-Bromophenyl-phenylether
Concen: 844.647 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:248 Resp: 8702
Ion Ratio Lower Upper
248 100
250 85.8 77.1 115.7
141 311.7 49.0 73.4#

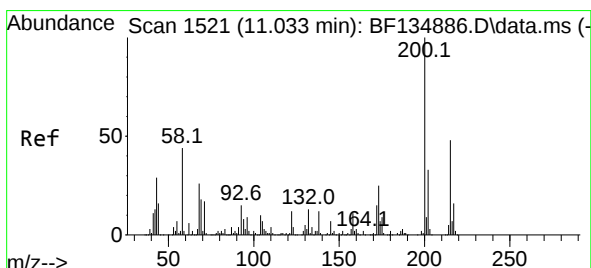
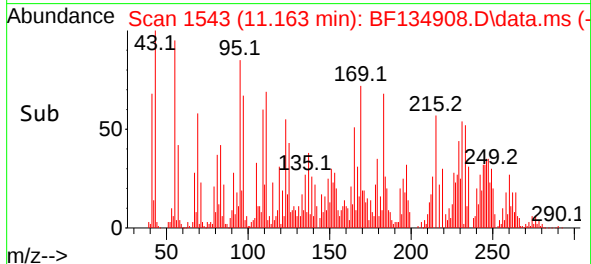
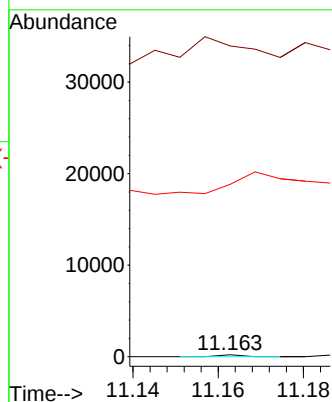
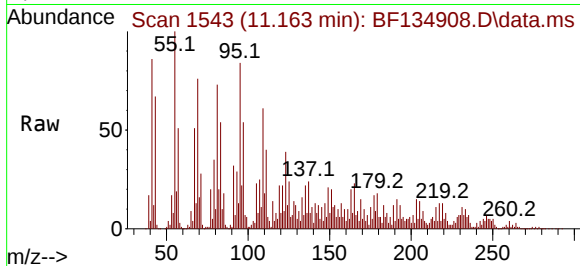




#68
Hexachlorobenzene
Concen: 6.754 ng
RT: 11.163 min Scan# 1543
Delta R.T. 0.230 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

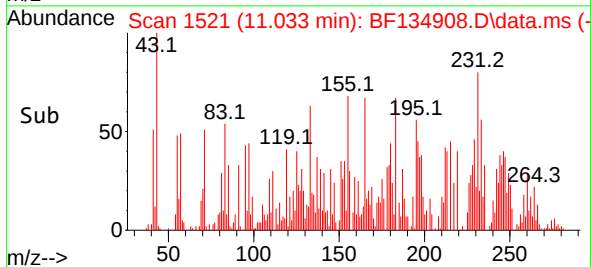
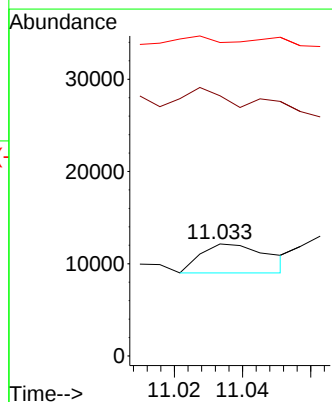
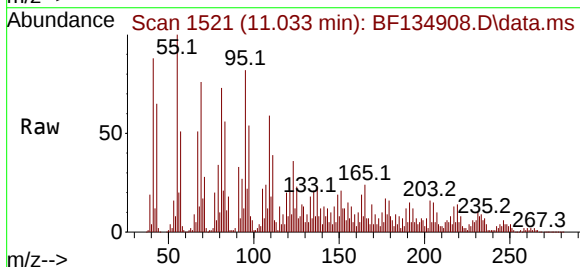
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

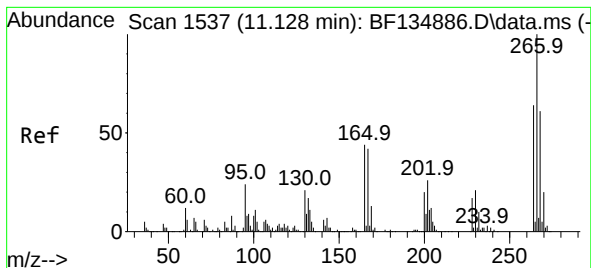
Tgt Ion:284 Resp: 74
Ion Ratio Lower Upper
284 100
142 16245.0 23.9 35.9#
249 9014.4 24.1 36.1#



#69
Atrazine
Concen: 552.448 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.000 min
Lab File: BF134908.D
Acq: 23 Aug 2023 17:09

Tgt Ion:200 Resp: 4314
Ion Ratio Lower Upper
200 100
173 232.4 5.3 45.3#
215 280.0 28.3 68.3#





#70

Pentachlorophenol

Concen: 4817.352 ng

RT: 11.075 min Scan# 1528

Delta R.T. -0.053 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

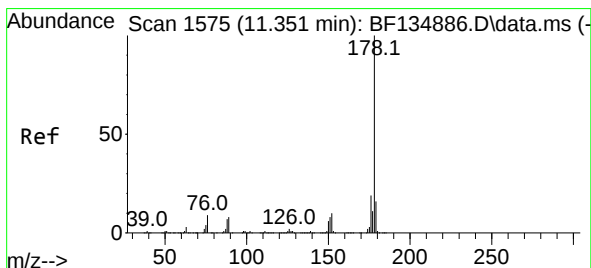
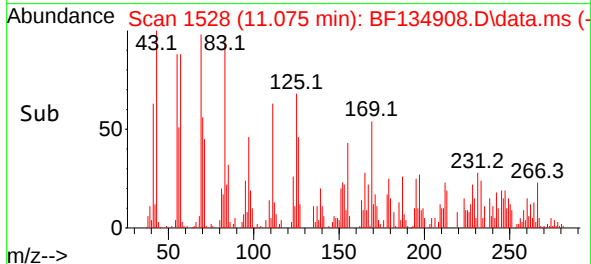
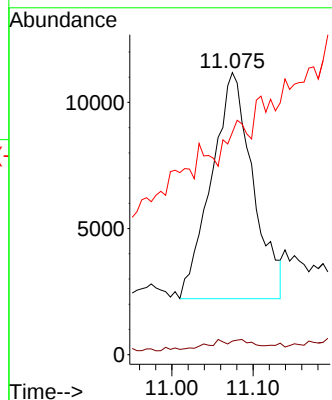
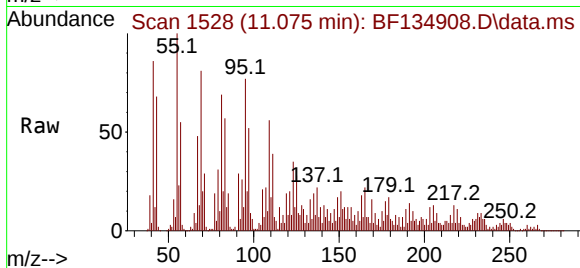
Tgt Ion:266 Resp: 31766

Ion Ratio Lower Upper

266 100

268 4.8 48.9 73.3#

264 78.8 51.0 76.6#



#71

Phenanthrene

Concen: 142.430 ng

RT: 11.357 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

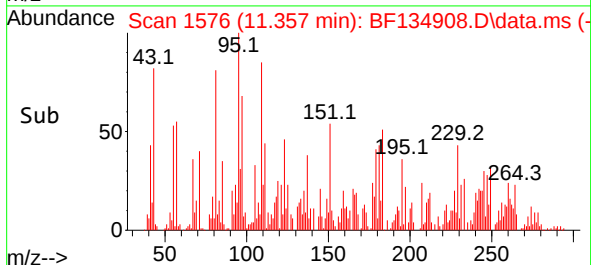
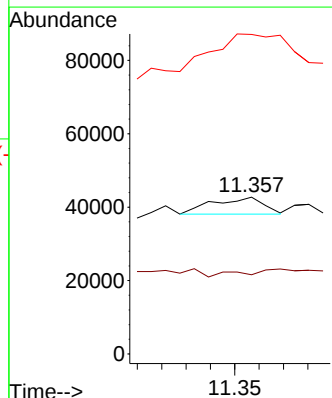
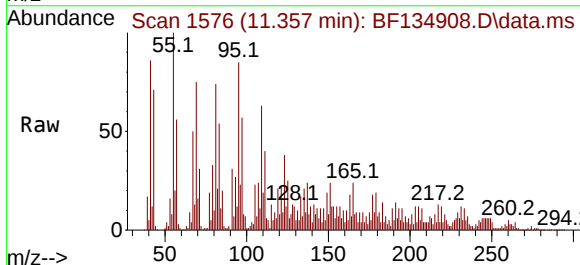
Tgt Ion:178 Resp: 6665

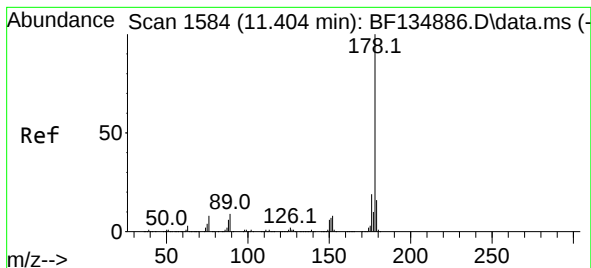
Ion Ratio Lower Upper

178 100

176 50.5 15.5 23.3#

179 203.9 12.6 19.0#





#72

Anthracene

Concen: 139.011 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.047 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

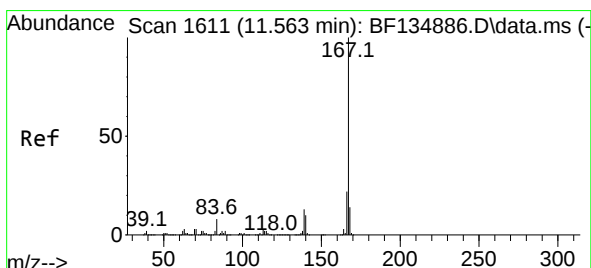
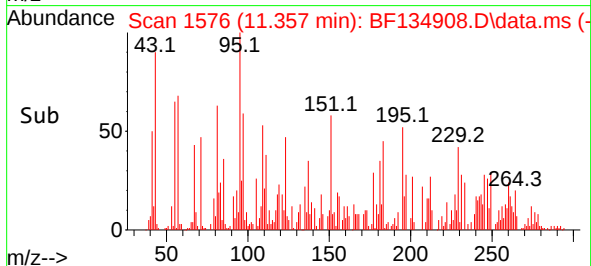
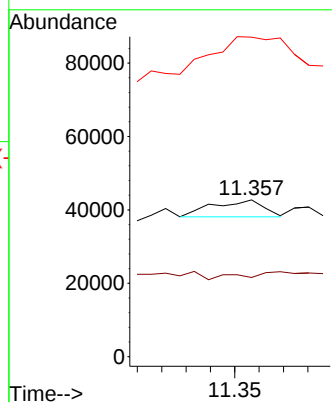
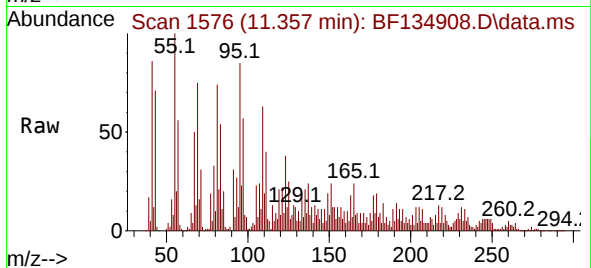
Tgt Ion:178 Resp: 6665

Ion Ratio Lower Upper

178 100

176 50.5 15.0 22.6#

179 203.9 12.5 18.7#



#73

Carbazole

Concen: 660.772 ng

RT: 11.545 min Scan# 1608

Delta R.T. -0.018 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

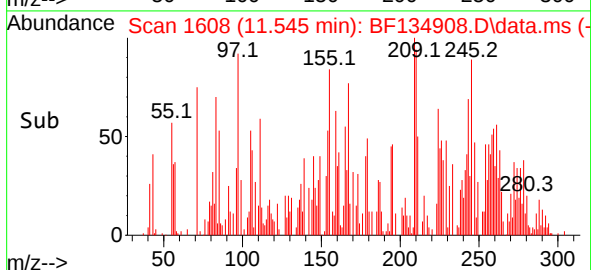
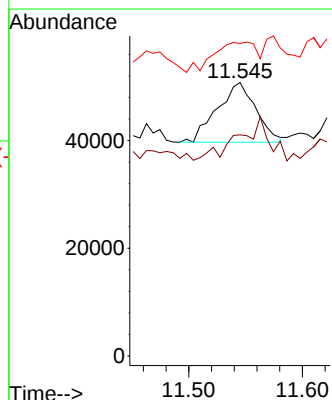
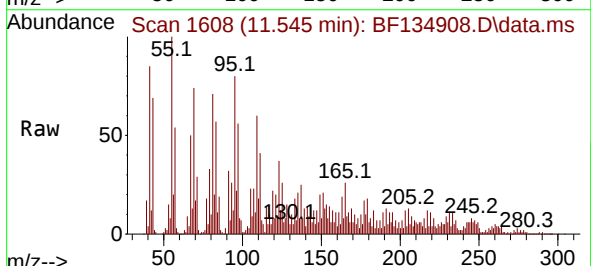
Tgt Ion:167 Resp: 26106

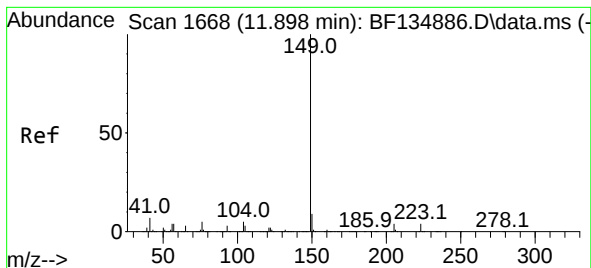
Ion Ratio Lower Upper

167 100

166 80.8 17.4 26.2#

139 114.2 10.4 15.6#





#74

Di-n-butylphthalate

Concen: 104.520 ng

RT: 11.886 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

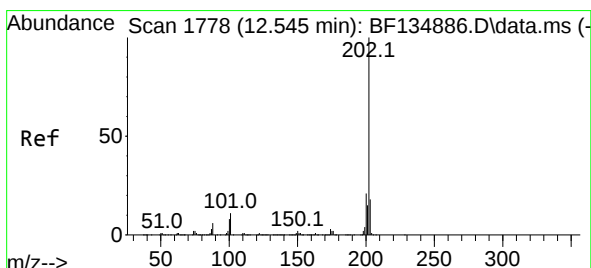
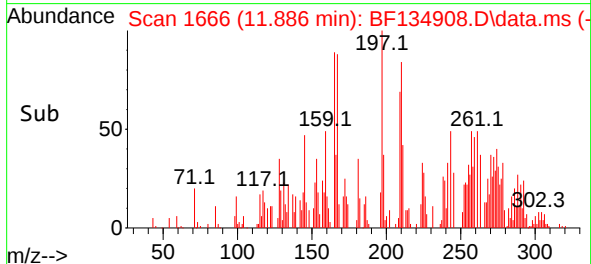
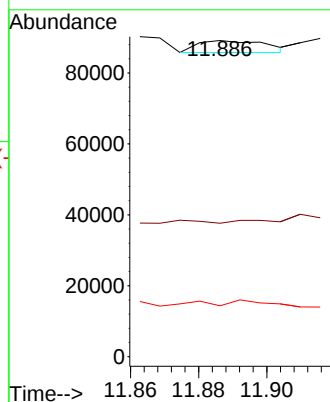
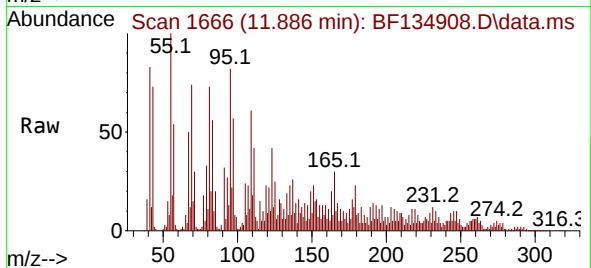
Tgt Ion:149 Resp: 4736

Ion Ratio Lower Upper

149 100

150 42.2 7.4 11.2#

104 16.1 4.1 6.1#



#75

Fluoranthene

Concen: 1359.565 ng

RT: 12.533 min Scan# 1776

Delta R.T. -0.012 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

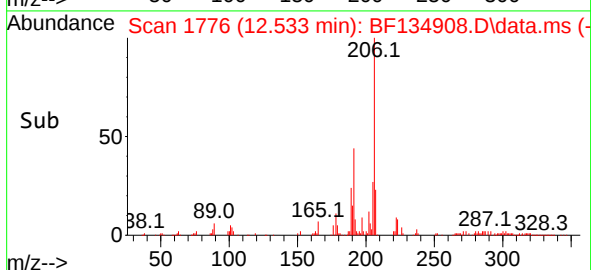
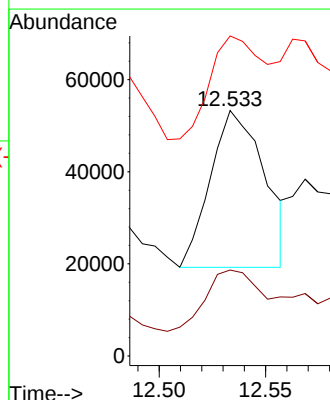
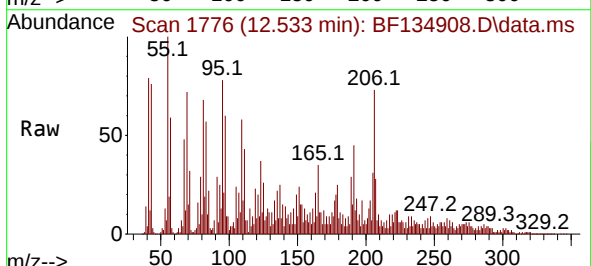
Tgt Ion:202 Resp: 60281

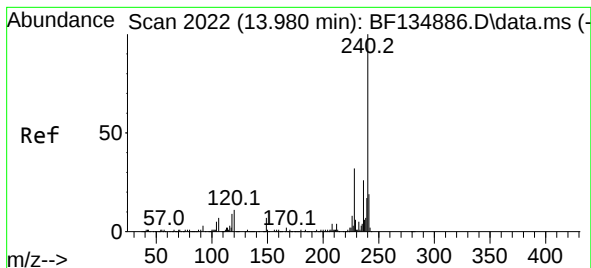
Ion Ratio Lower Upper

202 100

101 35.0 0.0 30.5#

203 130.4 0.0 37.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

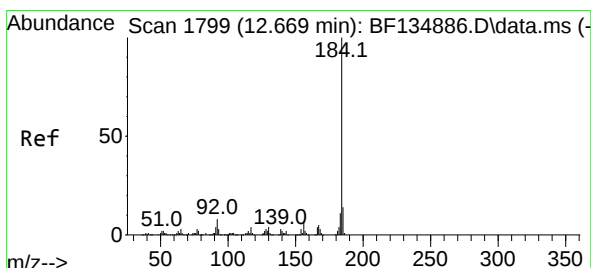
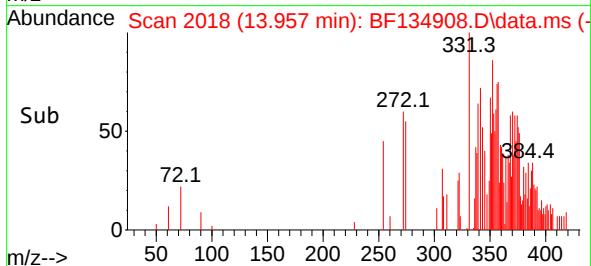
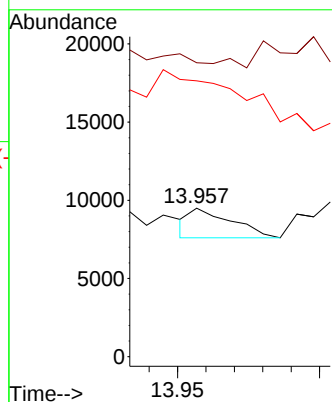
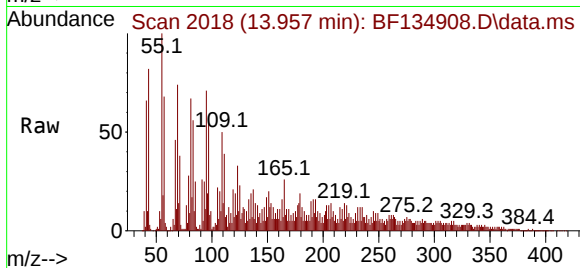
Tgt Ion:240 Resp: 1923

Ion Ratio Lower Upper

240 100

120 198.0 8.6 12.8#

236 185.8 20.6 31.0#



#77

Benzidine

Concen: 249.997 ng

RT: 12.657 min Scan# 1797

Delta R.T. -0.012 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

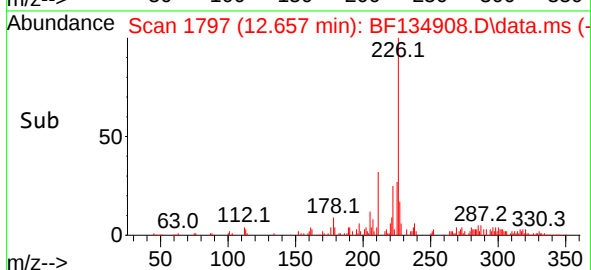
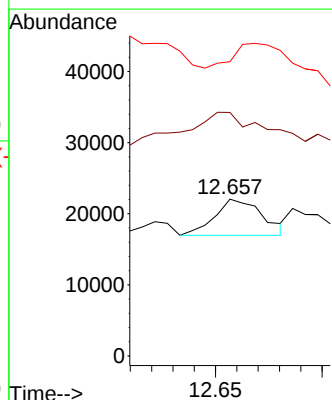
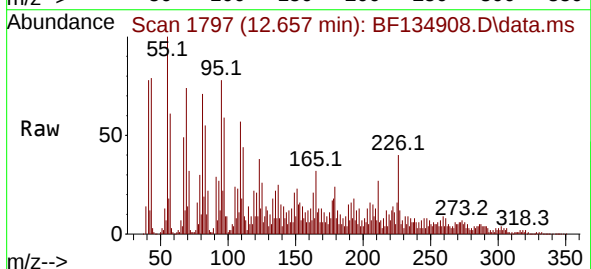
Tgt Ion:184 Resp: 7800

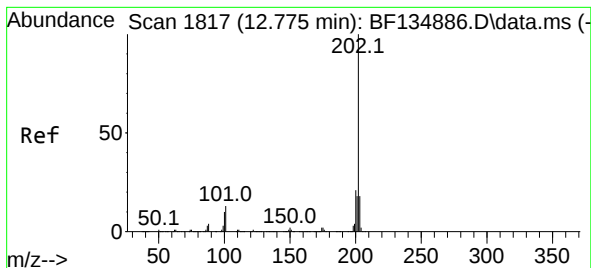
Ion Ratio Lower Upper

184 100

185 155.4 11.4 17.0#

183 187.8 9.0 13.4#





#78

Pyrene

Concen: 33.435 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.024 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

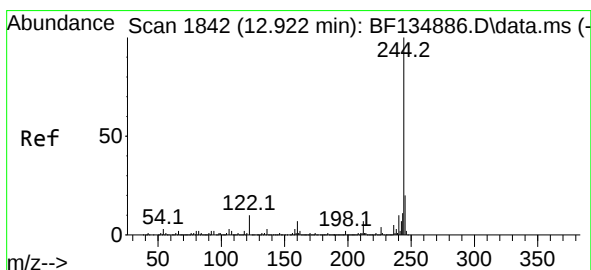
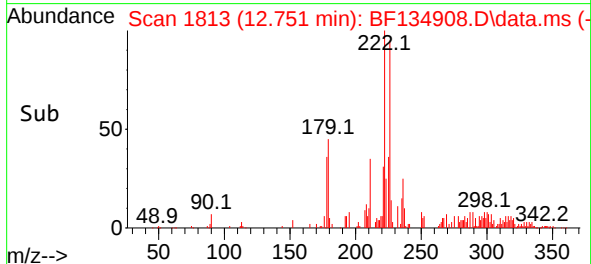
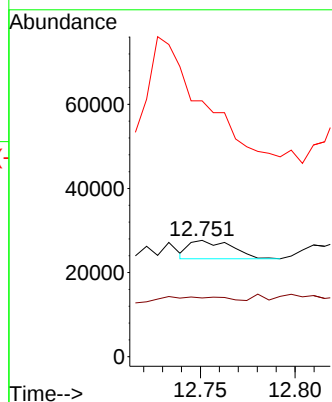
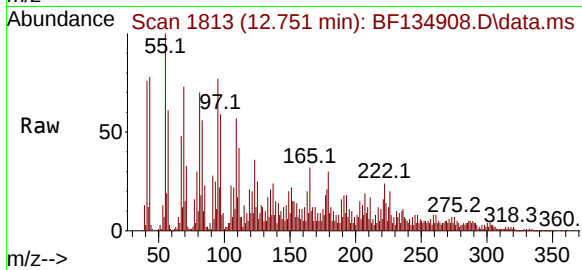
Tgt Ion:202 Resp: 6817

Ion Ratio Lower Upper

202 100

200 50.5 17.1 25.7#

203 220.1 14.2 21.2#



#79

Terphenyl-d14

Concen: 1673.083 ng

RT: 13.051 min Scan# 1864

Delta R.T. 0.129 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

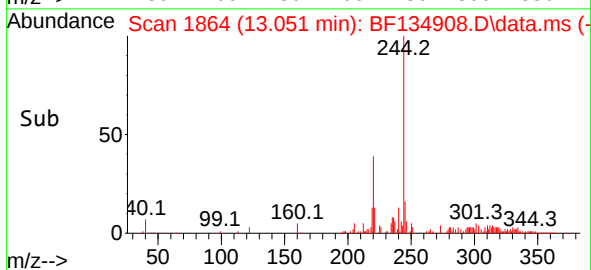
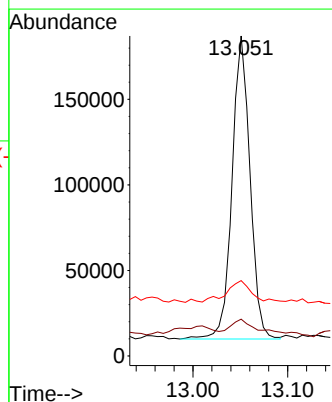
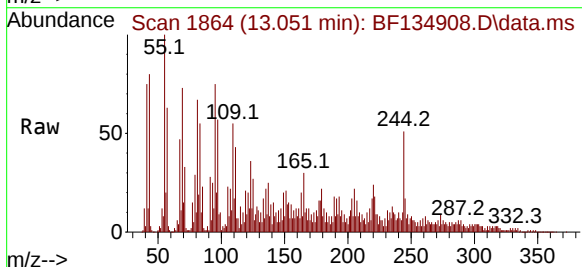
Tgt Ion:244 Resp: 233920

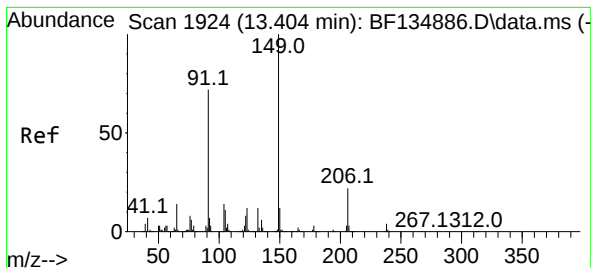
Ion Ratio Lower Upper

244 100

212 11.5 5.4 8.0#

122 23.5 8.2 12.4#





#80

Butylbenzylphthalate

Concen: 177.063 ng

RT: 13.339 min Scan# 1913

Delta R.T. -0.065 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

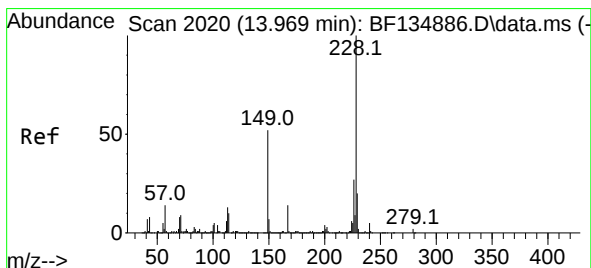
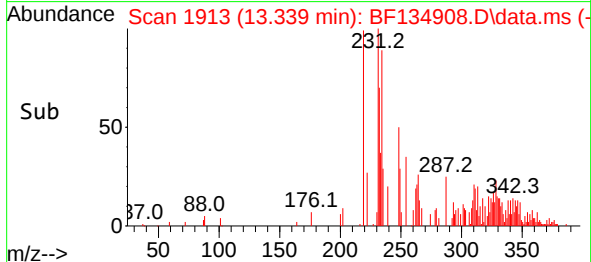
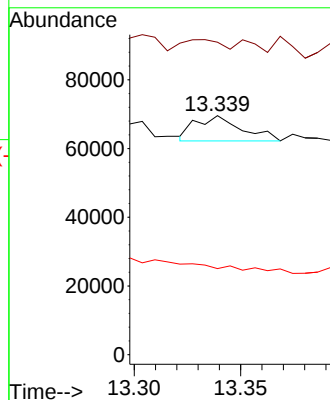
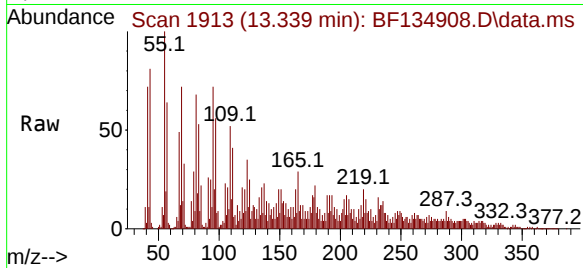
Tgt Ion:149 Resp: 10999

Ion Ratio Lower Upper

149 100

91 130.7 57.2 85.8#

206 36.0 18.0 27.0#



#81

Benzo(a)anthracene

Concen: 34.024 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.018 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

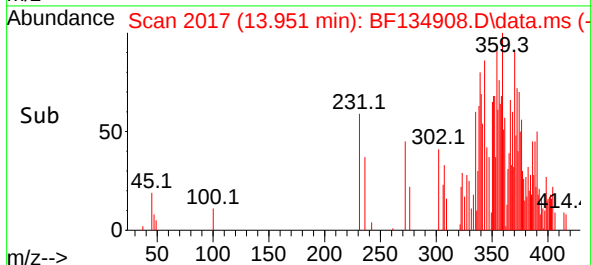
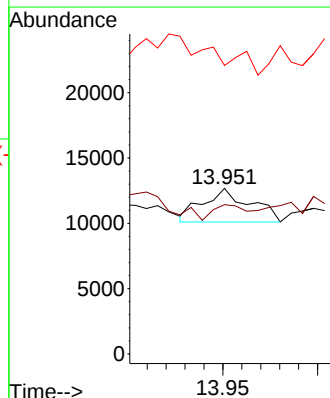
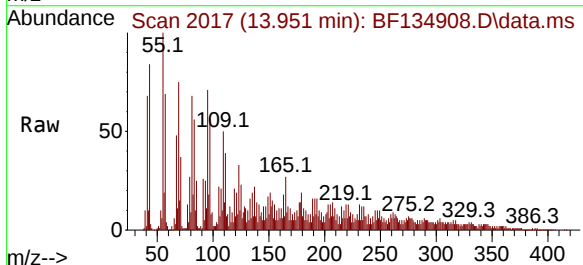
Tgt Ion:228 Resp: 4464

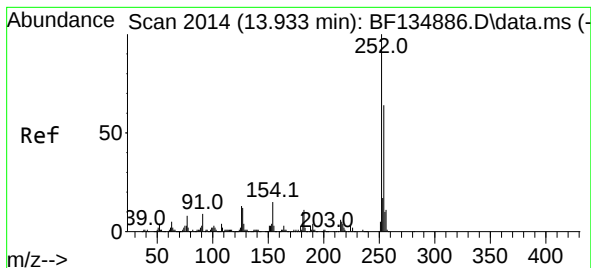
Ion Ratio Lower Upper

228 100

226 90.2 21.8 32.6#

229 174.3 15.6 23.4#





#82

3,3'-Dichlorobenzidine

Concen: 14.955 ng

RT: 13.904 min Scan# 2017

Delta R.T. -0.029 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

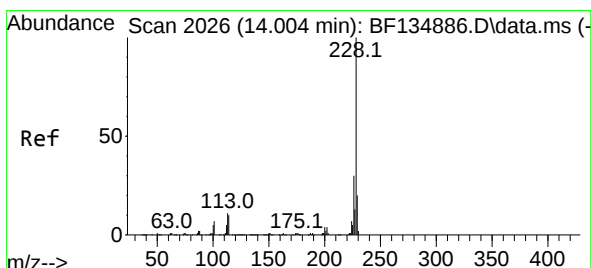
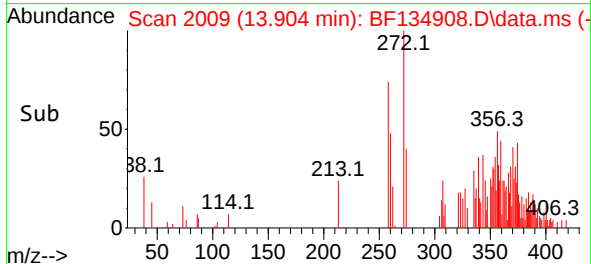
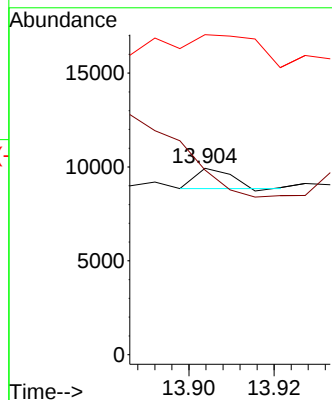
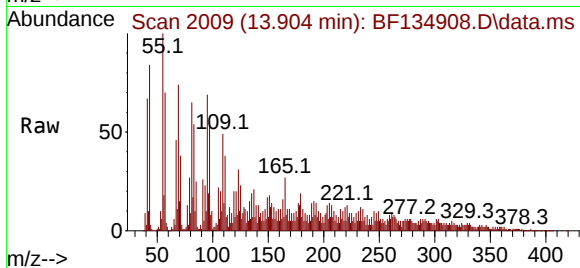
Tgt Ion:252 Resp: 621

Ion Ratio Lower Upper

252 100

254 99.1 51.6 77.4#

126 171.7 10.3 15.5#



#83

Chrysene

Concen: 34.484 ng

RT: 13.951 min Scan# 2017

Delta R.T. -0.053 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

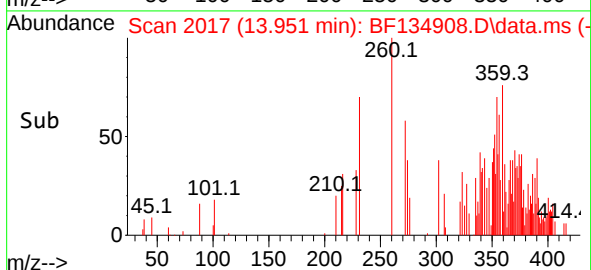
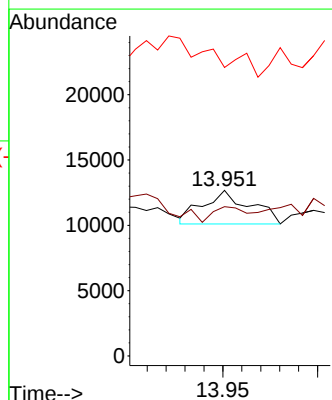
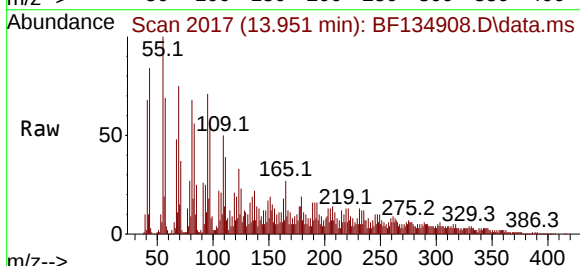
Tgt Ion:228 Resp: 4464

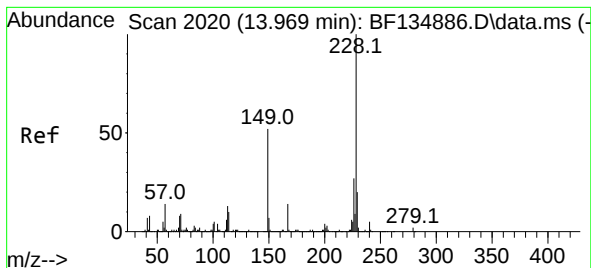
Ion Ratio Lower Upper

228 100

226 90.2 24.2 36.2#

229 174.3 16.0 24.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 56.843 ng

RT: 13.933 min Scan# 2014

Delta R.T. -0.035 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

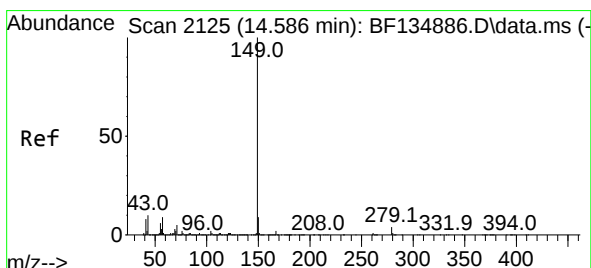
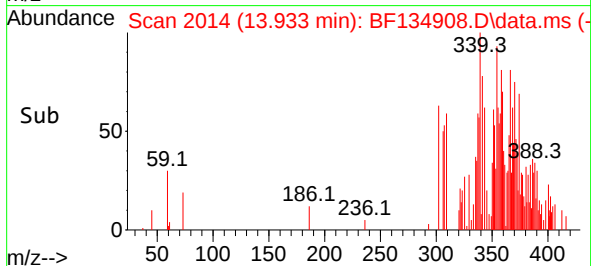
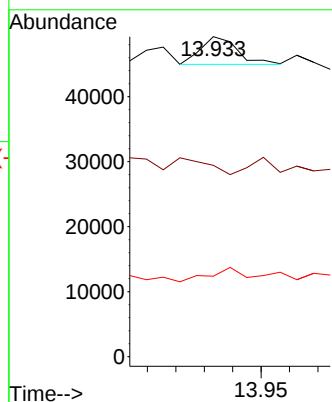
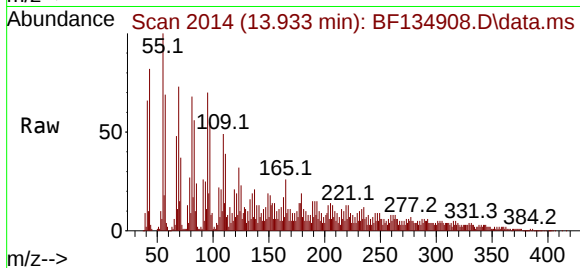
Tgt Ion:149 Resp: 3825

Ion Ratio Lower Upper

149 100

167 59.8 22.1 33.1#

279 25.1 3.6 5.4#



#85

Di-n-octyl phthalate

Concen: 123.069 ng

RT: 14.551 min Scan# 2119

Delta R.T. -0.035 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

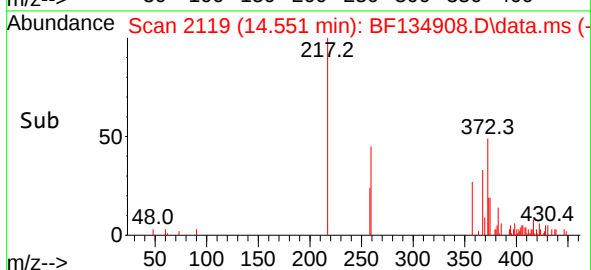
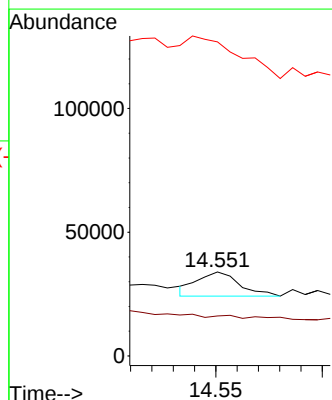
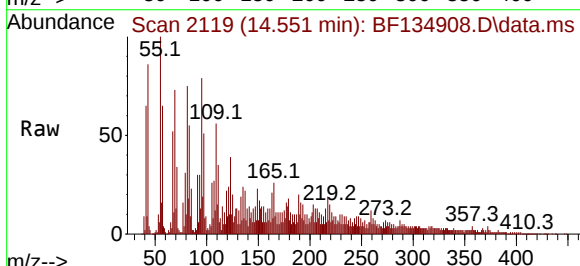
Tgt Ion:149 Resp: 13504

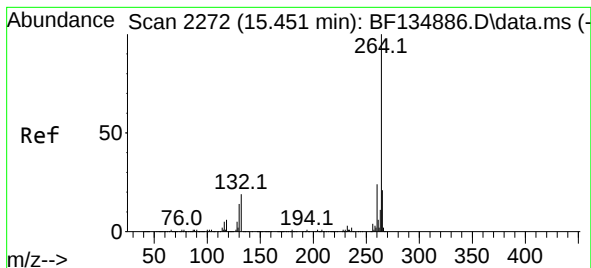
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

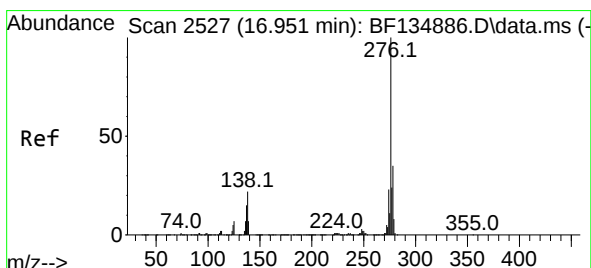
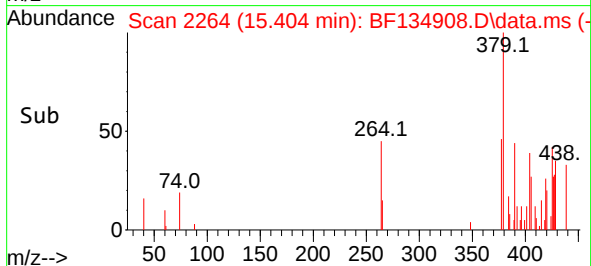
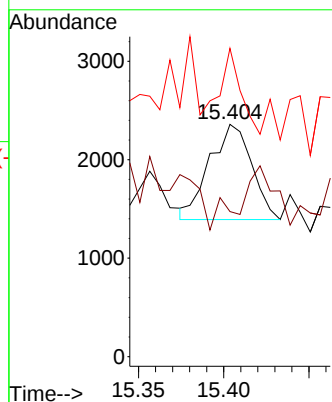
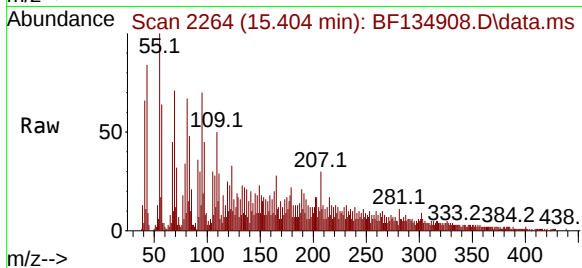
Tgt Ion:264 Resp: 1660

Ion Ratio Lower Upper

264 100

260 62.4 19.0 28.6#

265 132.7 17.1 25.7#



#87

Indeno(1,2,3-cd)pyrene

Concen: 15.743 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.018 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

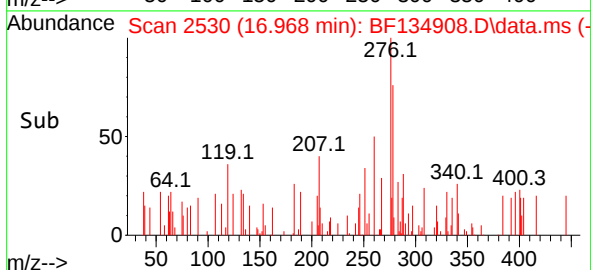
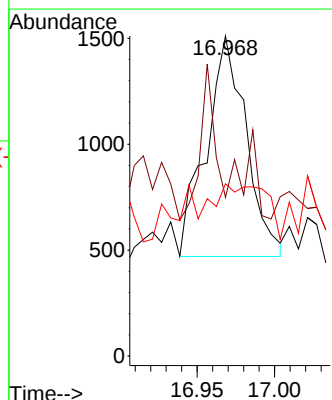
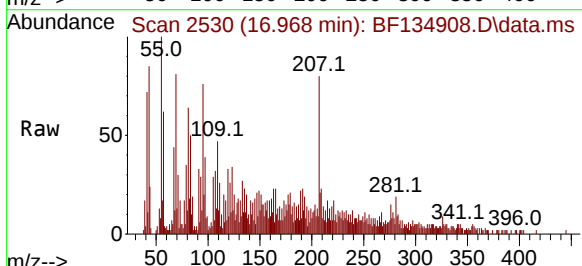
Tgt Ion:276 Resp: 1868

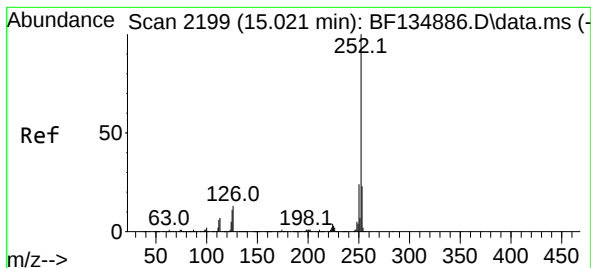
Ion Ratio Lower Upper

276 100

138 27.0 19.7 29.5

277 27.9 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 7.431 ng

RT: 14.974 min Scan# 2199

Delta R.T. -0.047 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

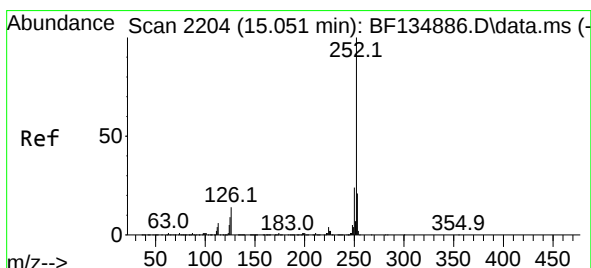
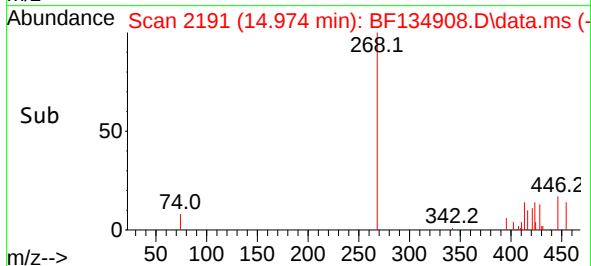
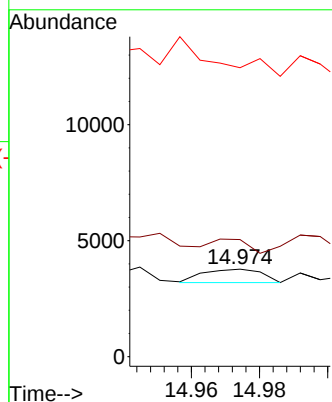
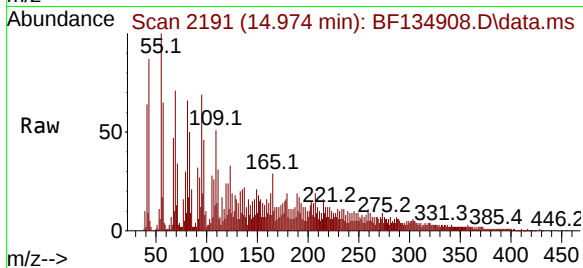
Tgt Ion:252 Resp: 696

Ion Ratio Lower Upper

252 100

253 133.9 18.1 27.1#

125 330.3 8.4 12.6#



#89

Benzo(k)fluoranthene

Concen: 6.209 ng

RT: 15.021 min Scan# 2199

Delta R.T. -0.029 min

Lab File: BF134908.D

Acq: 23 Aug 2023 17:09

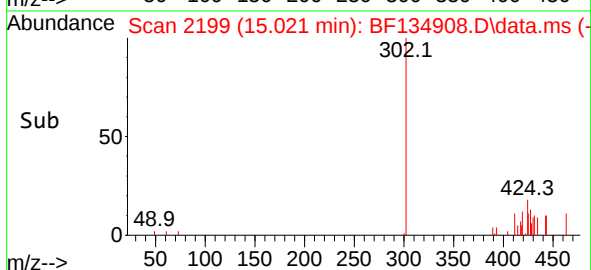
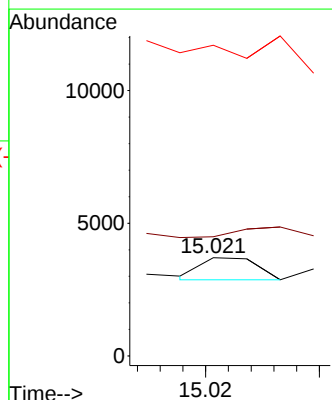
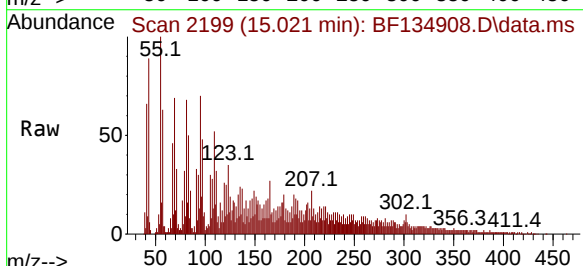
Tgt Ion:252 Resp: 571

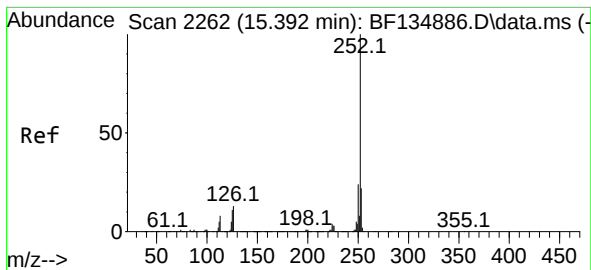
Ion Ratio Lower Upper

252 100

253 121.3 17.1 25.7#

125 316.3 8.0 12.0#





#90
 Benzo(a)pyrene
 Concen: 16.493 ng
 RT: 15.374 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF134908.D
 Acq: 23 Aug 2023 17:09

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Tgt Ion:252 Resp: 1542
 Ion Ratio Lower Upper
 252 100
 253 110.3 17.6 26.4#
 125 195.8 8.4 12.6#

