

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062723\
 Data File : BF134012.D
 Acq On : 28 Jun 2023 04:17
 Operator : CG\JU
 Sample : 03399-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

Quant Time: Jun 28 04:50:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	102971	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	340609	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	109283	20.000	ng	# 0.05
64) Phenanthrene-d10	11.521	188	106597	20.000	ng	# 0.14
76) Chrysene-d12	14.286	240	6580	20.000	ng	# 0.24
86) Perylene-d12	15.927	264	10453	20.000	ng	# 0.38
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	245721	39.917	ng	0.00
7) Phenol-d6	6.486	99	588360	77.719	ng	0.00
23) Nitrobenzene-d5	7.410	82	439482	69.553	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	149	0.109	ng	0.06
45) 2-Fluorobiphenyl	9.233	172	749777	99.750	ng	0.02
79) Terphenyl-d14	13.286	244	14498	35.461	ng	0.31
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	275	Below Cal	#	4
19) n-Nitroso-di-n-propyla...	7.410	70	61987	12.912	ng	# 79
25) Isophorone	7.410	82	438237	38.162	ng	# 64
30) 1,2,4-Trichlorobenzene	8.069	180	37915	7.643	ng	# 98
35) Caprolactam	8.551	113	7694	4.860	ng	# 1
37) 2-Methylnaphthalene	8.845	142	50465	4.338	ng	# 95
38) 1-Methylnaphthalene	8.945	142	40795	3.772	ng	# 96
46) 1,1'-Biphenyl	9.333	154	59559	6.794	ng	# 95
48) 2-Nitroaniline	9.445	65	5110	2.186	ng	# 64
49) Acenaphthylene	9.816	152	36502	3.331	ng	# 1
50) Dimethylphthalate	9.739	163	61259	7.722	ng	# 32
51) 2,6-Dinitrotoluene	9.663	165	24181	14.152	ng	# 55
53) 3-Nitroaniline	9.863	138	10971	5.352	ng	# 32
54) 2,4-Dinitrophenol	9.910	184	934	4.765	ng	# 1
55) Dibenzofuran	10.145	168	39392	3.965	ng	# 1
56) 4-Nitrophenol	10.157	139	28808	20.092	ng	# 1
57) 2,4-Dinitrotoluene	10.139	165	12776	5.662	ng	# 65
58) Fluorene	10.474	166	87872	11.367	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.251	232	4698	2.297	ng	# 23
61) 4-Chlorophenyl-phenyle...	10.527	204	10809	2.902	ng	# 1
62) 4-Nitroaniline	10.404	138	37172	17.995	ng	# 93
65) 4,6-Dinitro-2-methylph...	10.486	198	8936	15.376	ng	# 1
66) n-Nitrosodiphenylamine	10.639	169	188686	55.401	ng	# 66
67) 4-Bromophenyl-phenylether	11.033	248	3871	3.417	ng	# 1
69) Atrazine	11.174	200	5381	5.712	ng	# 1
70) Pentachlorophenol	11.339	266	6394	8.889	ng	# 17
71) Phenanthrene	11.545	178	292859	54.574	ng	# 16
72) Anthracene	11.651	178	143307	25.675	ng	# 1
74) Di-n-butylphthalate	12.092	149	118420	19.492	ng	# 20
75) Fluoranthene	12.757	202	130769	22.541	ng	# 59
77) Benzidine	12.951	184	3668	23.428	ng	# 1
78) Pyrene	13.033	202	34471	56.292	ng	# 1
80) Butylbenzylphthalate	13.774	149	5668	24.680	ng	# 25
81) Benzo(a)anthracene	14.292	228	8800	19.284	ng	# 1
82) 3,3'-Dichlorobenzidine	14.239	252	1621	11.212	ng	# 34
83) Chrysene	14.292	228	8800	19.910	ng	# 1

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QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

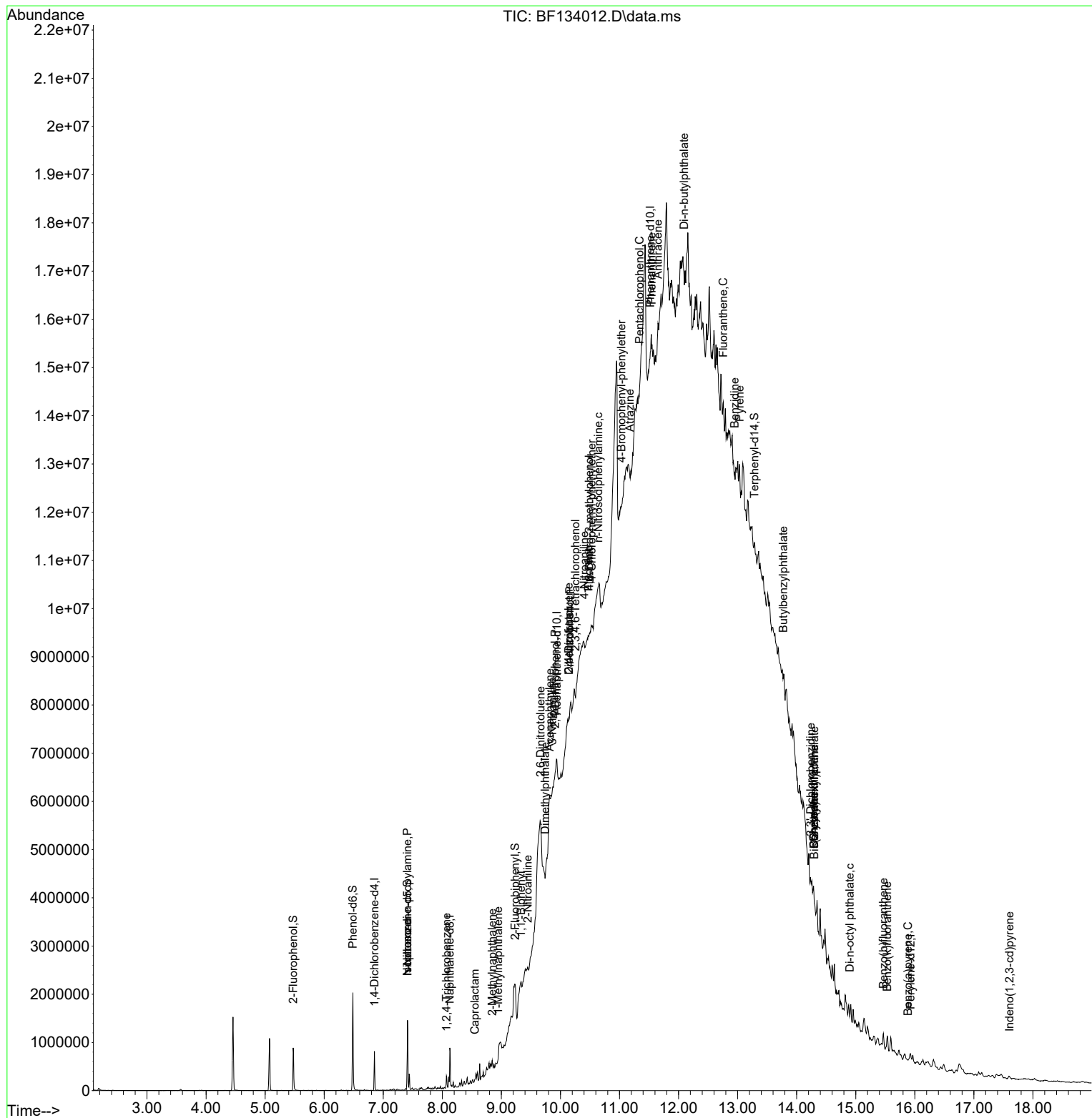
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Bis(2-ethylhexyl)phtha...	14.298	149	12066	45.722	ng	# 56
85) Di-n-octyl phthalate	14.898	149	2222	5.730	ng	# 74
87) Indeno(1,2,3-cd)pyrene	17.603	276	50388	69.469	ng	96
88) Benzo(b)fluoranthene	15.468	252	116335	189.272	ng	# 66
89) Benzo(k)fluoranthene	15.533	252	77790	124.304	ng	# 67
90) Benzo(a)pyrene	15.886	252	3826	6.437	ng	# 1

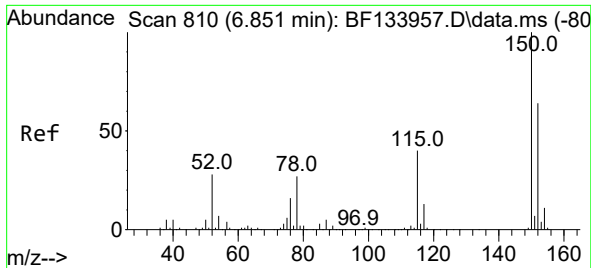
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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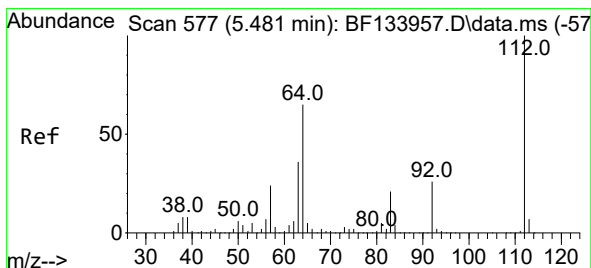
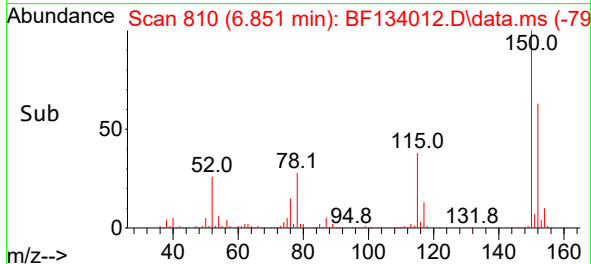
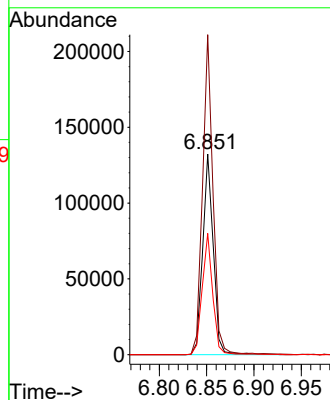
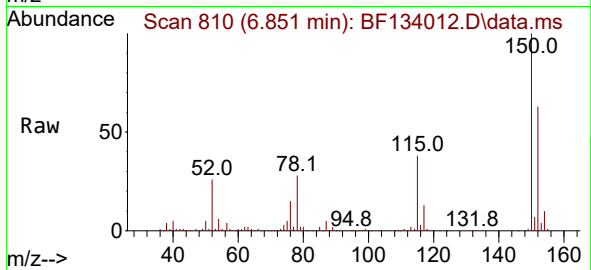




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

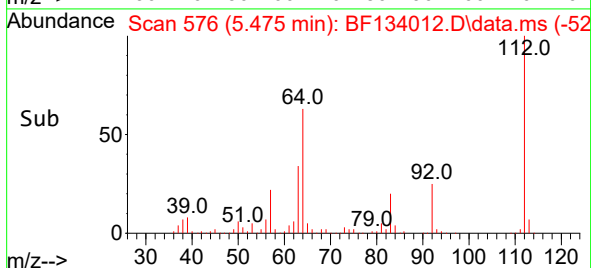
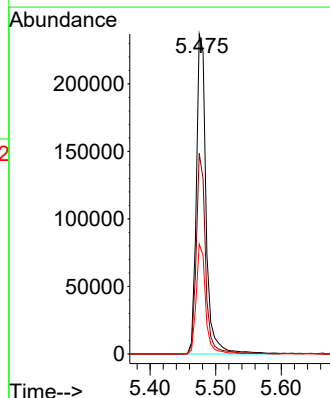
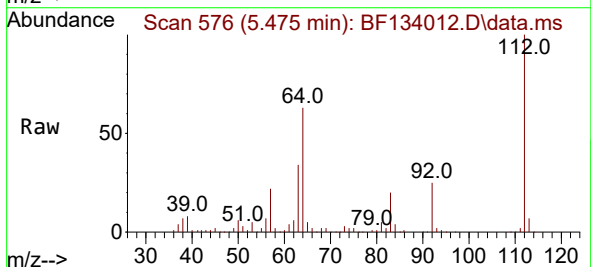
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

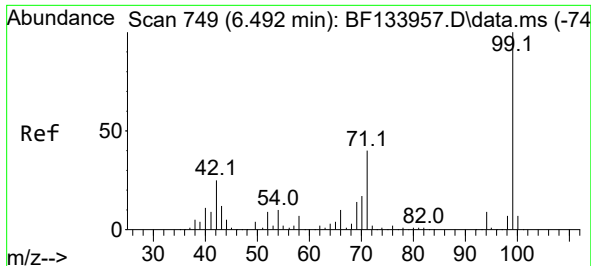
Tgt Ion:152 Resp: 102971
Ion Ratio Lower Upper
152 100
150 159.5 124.5 186.7
115 60.4 50.2 75.2



#5
2-Fluorophenol
Concen: 39.917 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:112 Resp: 245721
Ion Ratio Lower Upper
112 100
64 62.7 52.1 78.1
63 34.3 28.6 42.8

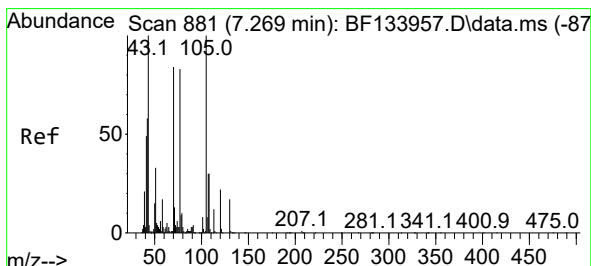
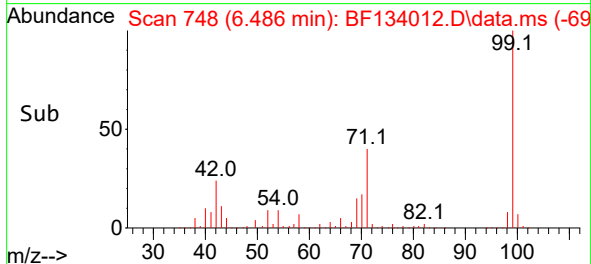
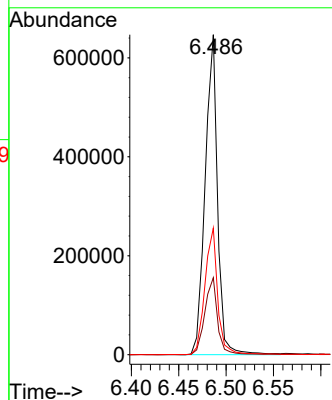
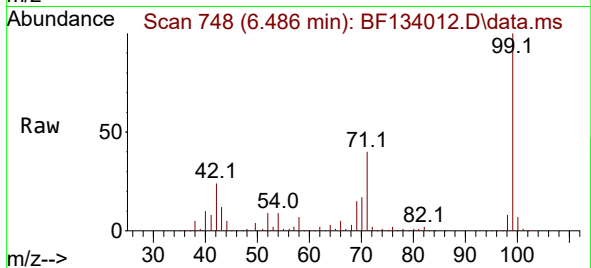




#7
Phenol-d6
Concen: 77.719 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

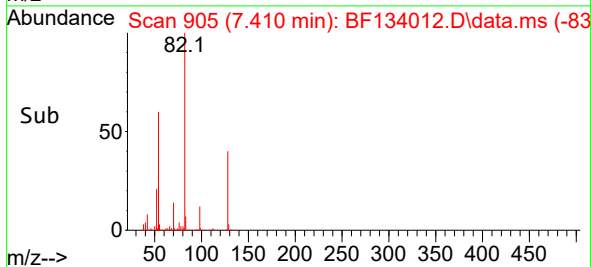
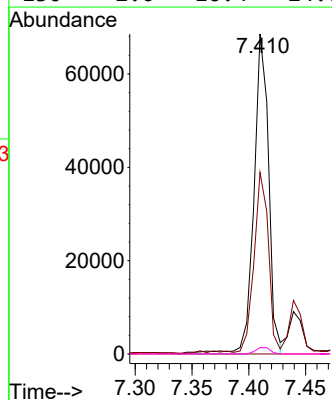
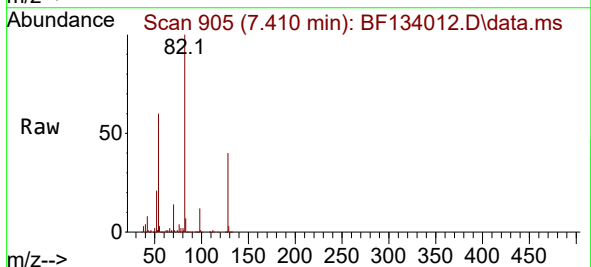
Instrument :
BNA_F
ClientSampleId :
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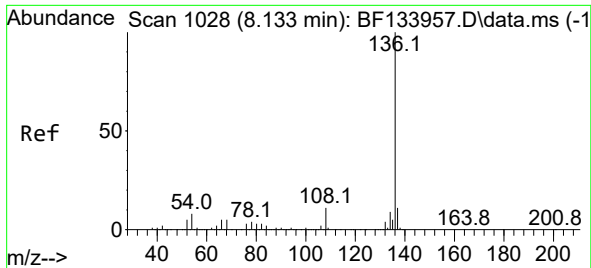
Tgt Ion: 99 Resp: 588360
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 39.6 31.9 47.9



#19
n-Nitroso-di-n-propylamine
Concen: 12.912 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion: 70 Resp: 61987
Ion Ratio Lower Upper
70 100
42 56.7 54.7 82.1
101 0.0 7.7 11.5#
130 2.0 16.4 24.6#

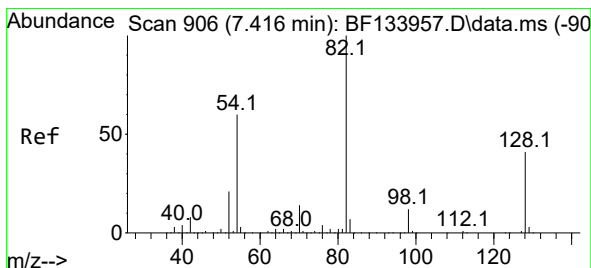
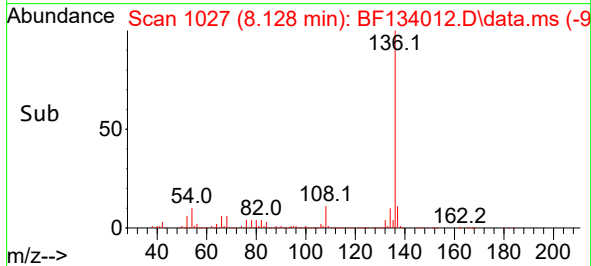
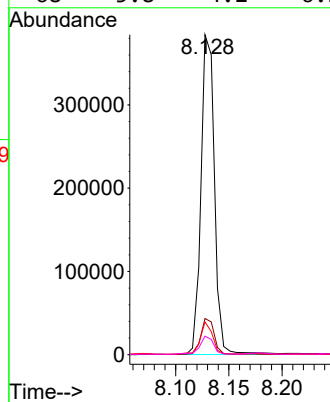
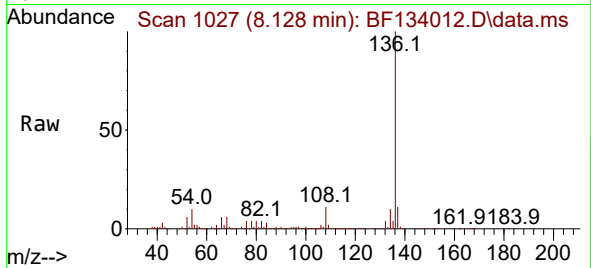




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

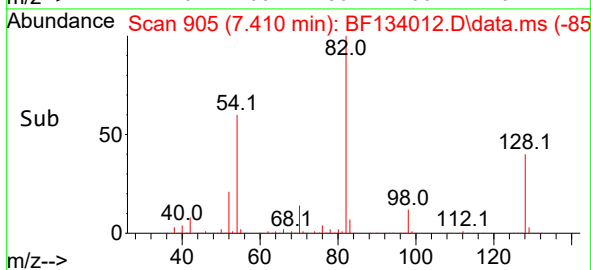
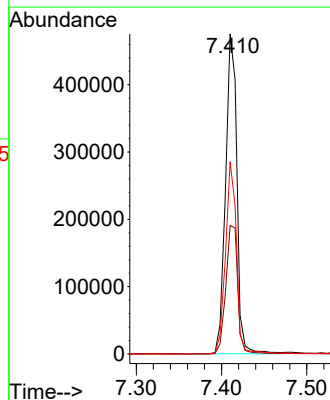
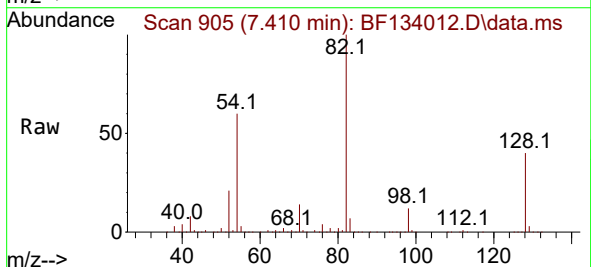
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

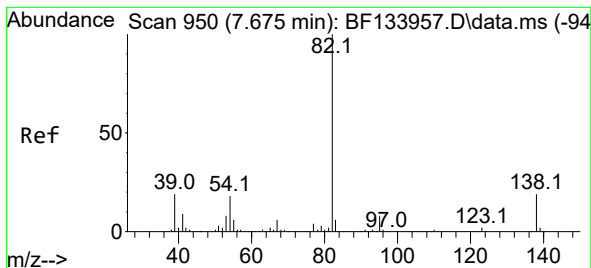
Tgt Ion:136 Resp: 340609
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 10.2 6.5 9.7#
68 5.8 4.2 6.2



#23
Nitrobenzene-d5
Concen: 69.553 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion: 82 Resp: 439482
Ion Ratio Lower Upper
82 100
128 40.2 32.5 48.7
54 60.0 48.2 72.2





#25

Isophorone

Concen: 38.162 ng

RT: 7.410 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

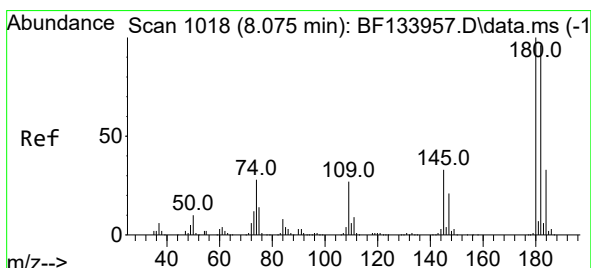
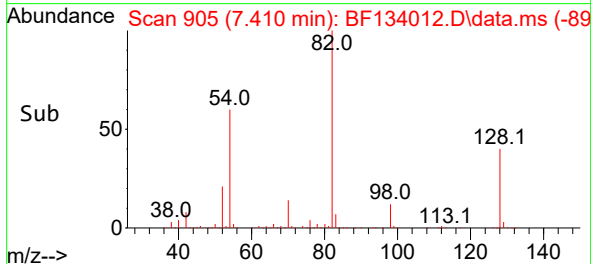
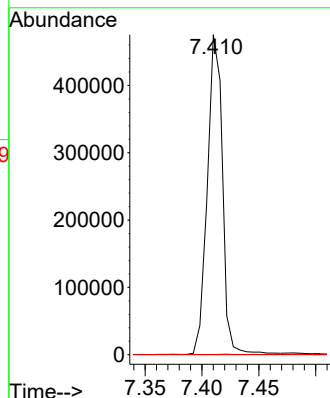
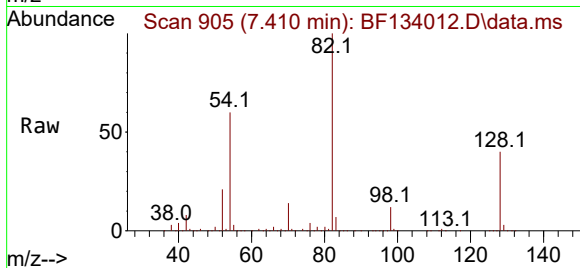
Tgt Ion: 82 Resp: 438237

Ion Ratio Lower Upper

82 100

95 0.1 6.1 9.1#

138 0.0 15.2 22.8#



#30

1,2,4-Trichlorobenzene

Concen: 7.643 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134012.D

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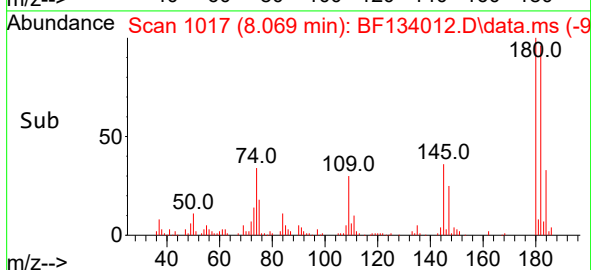
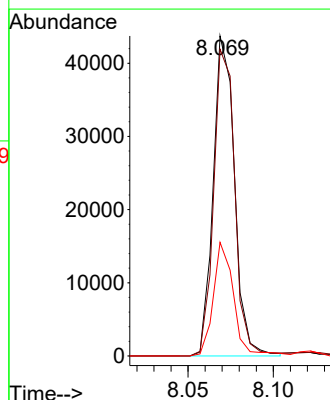
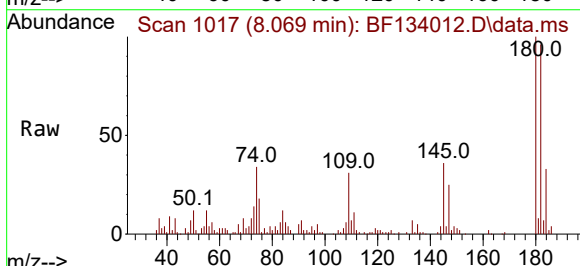
Tgt Ion:180 Resp: 37915

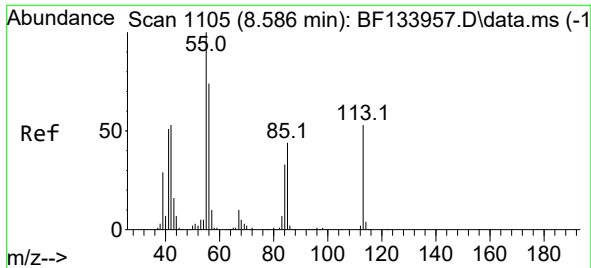
Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

145 35.5 26.0 39.0

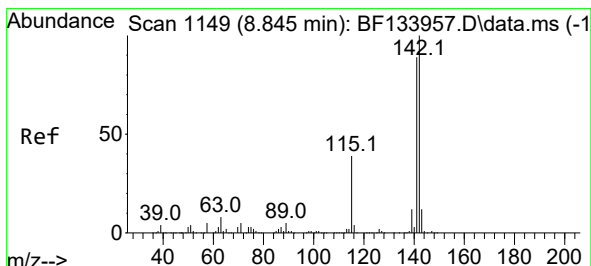
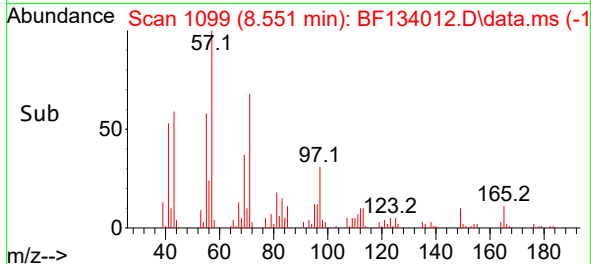
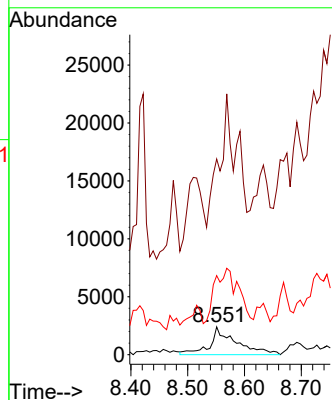
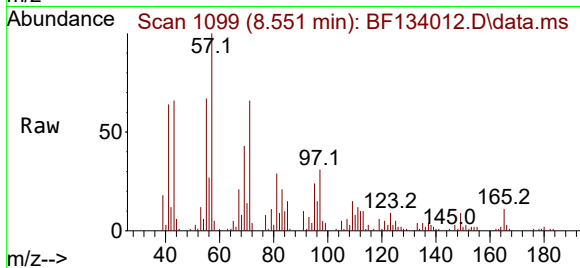




#35
 Caprolactam
 Concen: 4.860 ng
 RT: 8.551 min Scan# 1099
 Delta R.T. -0.035 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

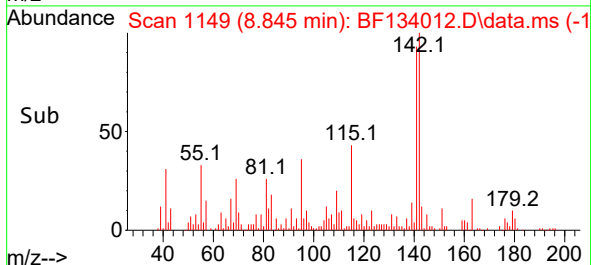
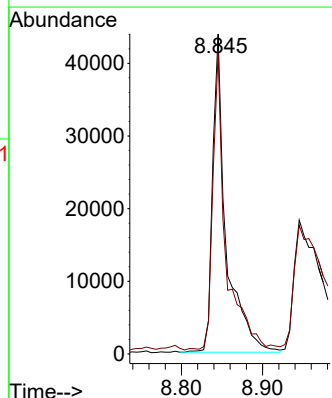
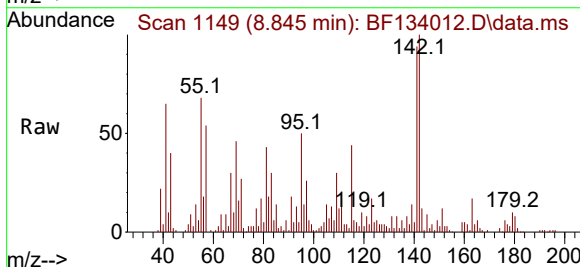
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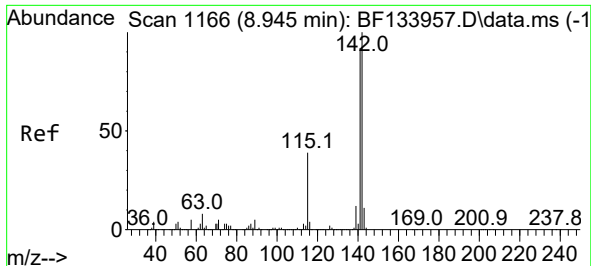
Tgt Ion:113 Resp: 7694
 Ion Ratio Lower Upper
 113 100
 55 702.2 170.2 210.2#
 56 283.7 121.4 161.4#



#37
 2-Methylnaphthalene
 Concen: 4.338 ng
 RT: 8.845 min Scan# 1149
 Delta R.T. 0.000 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

Tgt Ion:142 Resp: 50465
 Ion Ratio Lower Upper
 142 100
 141 93.8 71.0 106.4





#38

1-Methylnaphthalene

Concen: 3.772 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

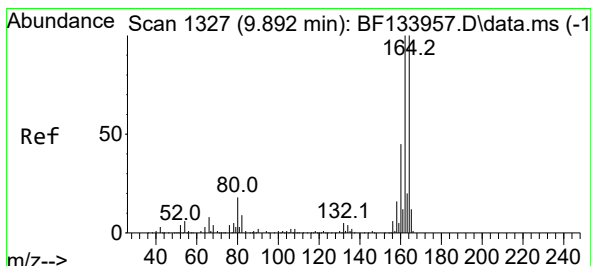
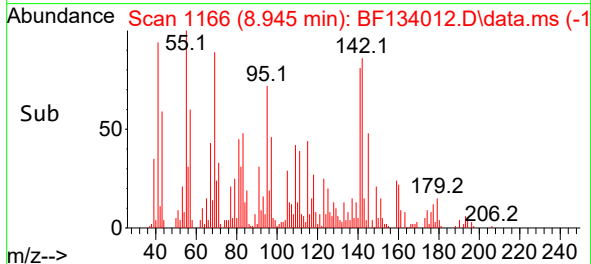
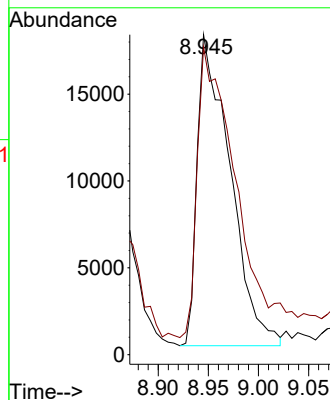
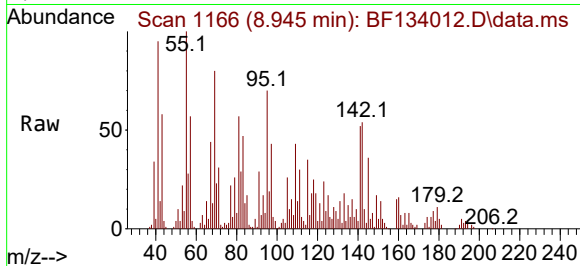
CONC-WC-1

Tgt Ion:142 Resp: 40795

Ion Ratio Lower Upper

142 100

141 96.2 73.5 110.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1335

Delta R.T. 0.047 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

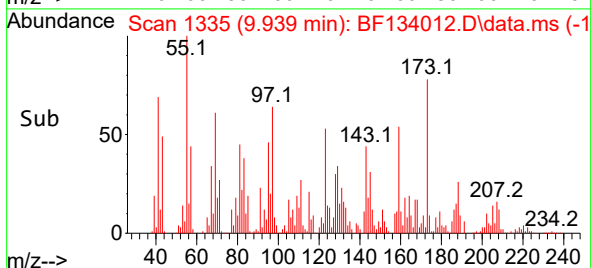
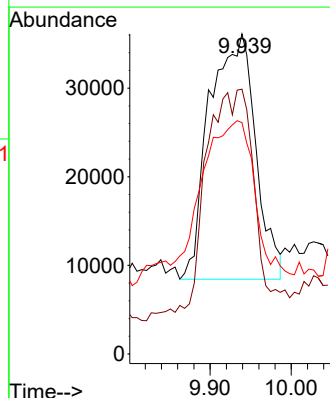
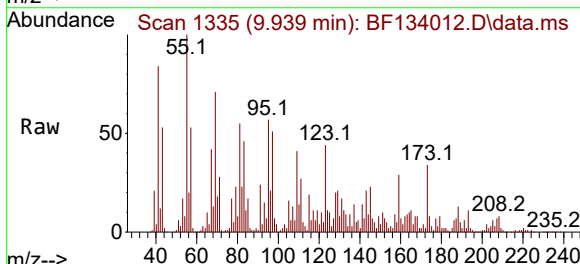
Tgt Ion:164 Resp: 109283

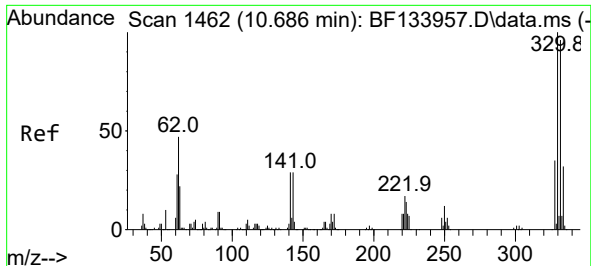
Ion Ratio Lower Upper

164 100

162 82.8 80.0 120.0

160 72.3 35.9 53.9#





#42

2,4,6-Tribromophenol

Concen: 0.109 ng

RT: 10.751 min Scan# 1462

Delta R.T. 0.065 min

Lab File: BF134012.D

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BNA_F

ClientSampleId :

CONC-WC-1

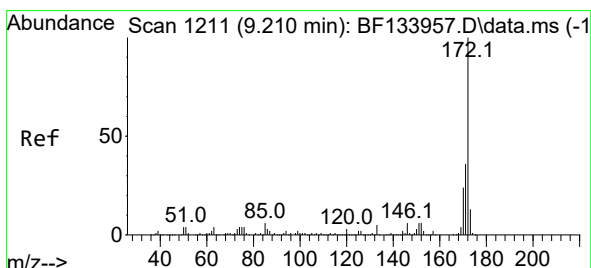
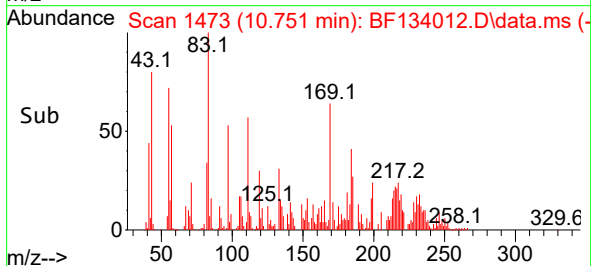
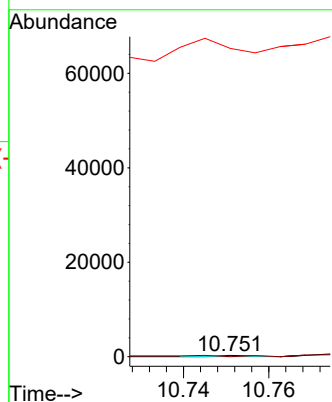
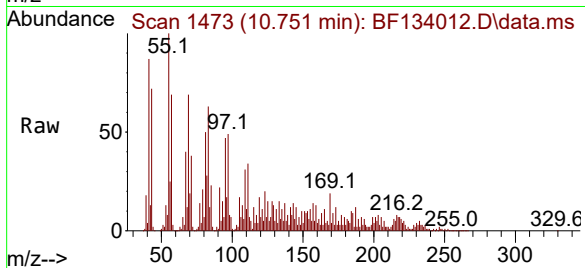
Tgt Ion:330 Resp: 149

Ion Ratio Lower Upper

330 100

332 182.6 77.0 115.6#

141 0.0 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 99.750 ng

RT: 9.233 min Scan# 1215

Delta R.T. 0.023 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

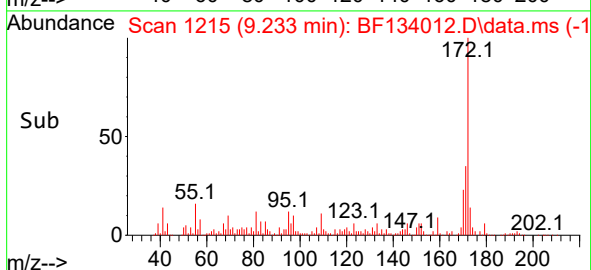
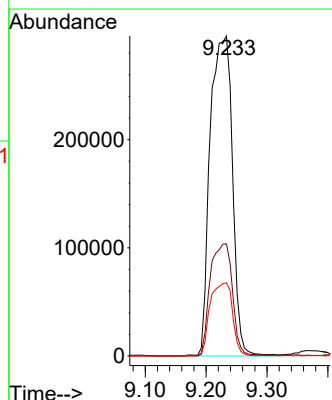
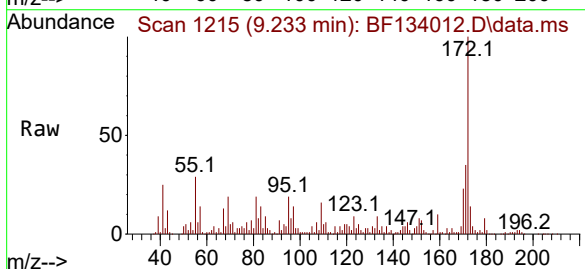
Tgt Ion:172 Resp: 749777

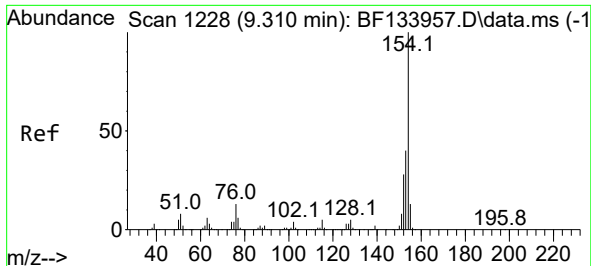
Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 22.8 19.4 29.0

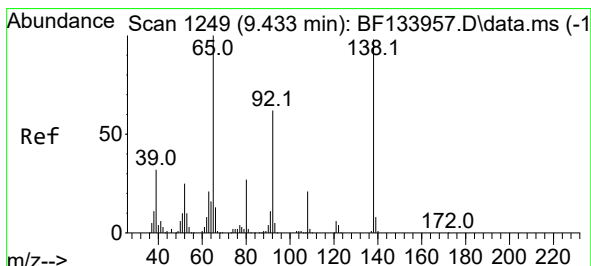
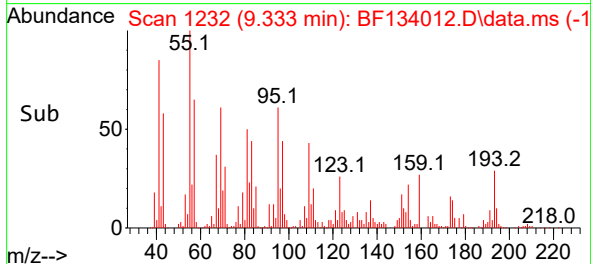
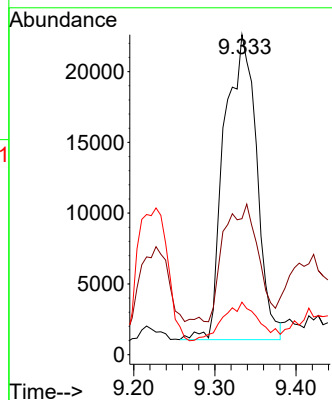
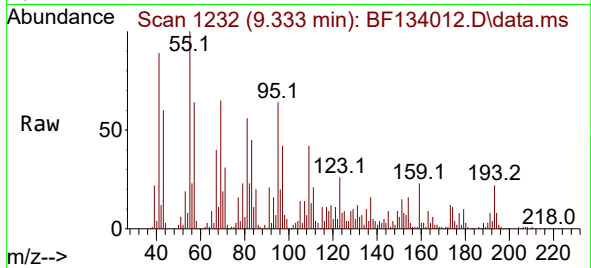




#46
1,1'-Biphenyl
Concen: 6.794 ng
RT: 9.333 min Scan# 11
Delta R.T. 0.023 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

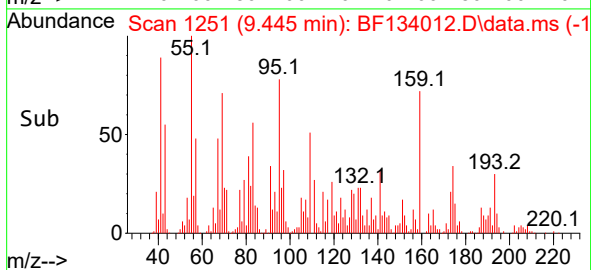
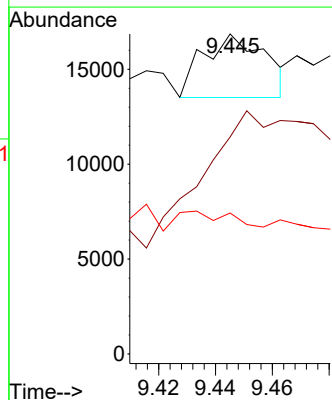
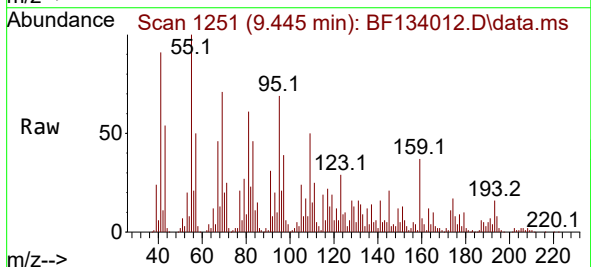
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

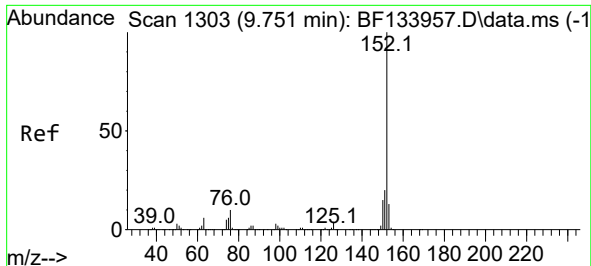
Tgt Ion:154 Resp: 59559
Ion Ratio Lower Upper
154 100
153 42.5 19.8 59.8
76 16.4 0.0 32.9



#48
2-Nitroaniline
Concen: 2.186 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.012 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion: 65 Resp: 5110
Ion Ratio Lower Upper
65 100
92 67.8 49.5 74.3
138 44.1 78.0 117.0#





#49

Acenaphthylene

Concen: 3.331 ng

RT: 9.816 min Scan# 1

Delta R.T. 0.065 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

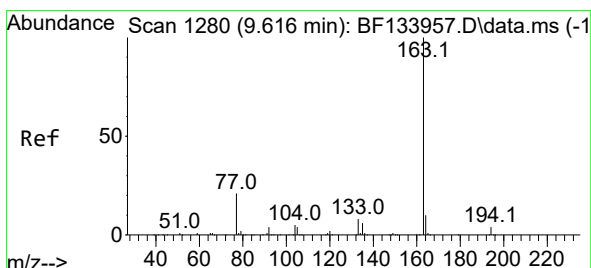
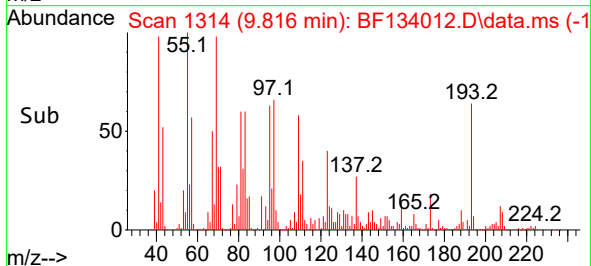
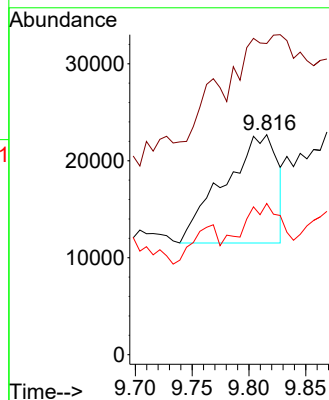
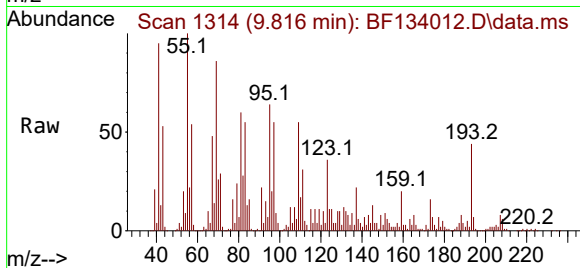
Tgt Ion:152 Resp: 36502

Ion Ratio Lower Upper

152 100

151 141.5 16.2 24.2#

153 68.8 10.8 16.2#



#50

Dimethylphthalate

Concen: 7.722 ng

RT: 9.739 min Scan# 1301

Delta R.T. 0.123 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

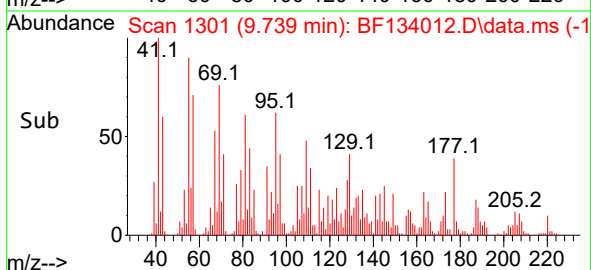
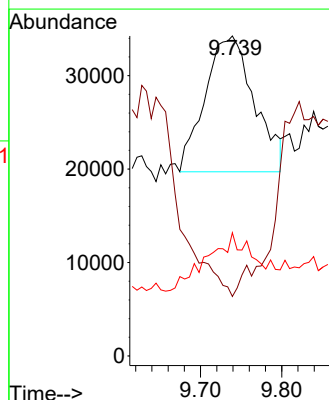
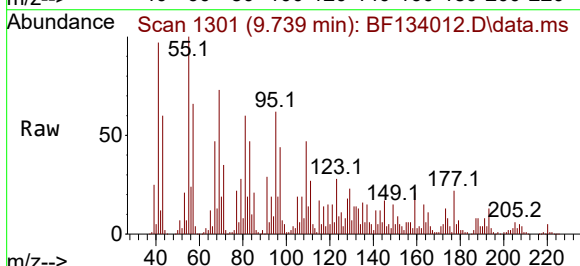
Tgt Ion:163 Resp: 61259

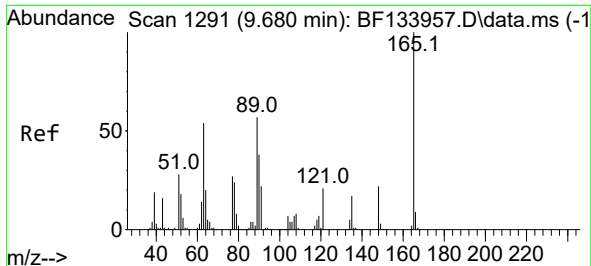
Ion Ratio Lower Upper

163 100

194 18.6 3.0 4.6#

164 38.5 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 14.152 ng

RT: 9.663 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

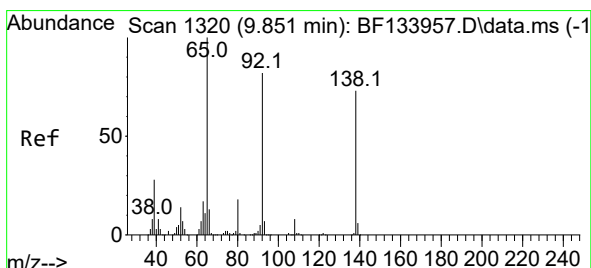
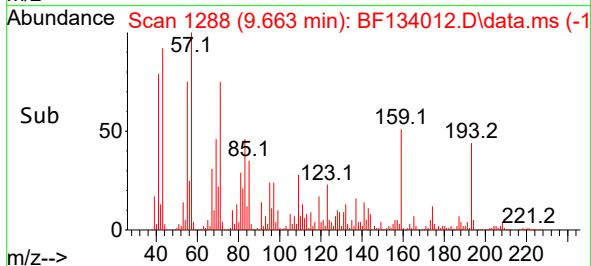
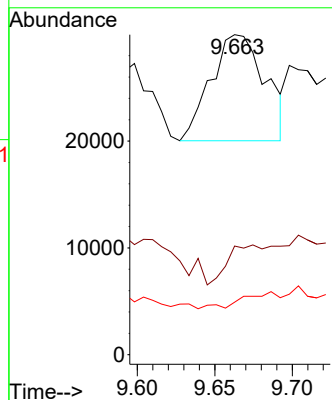
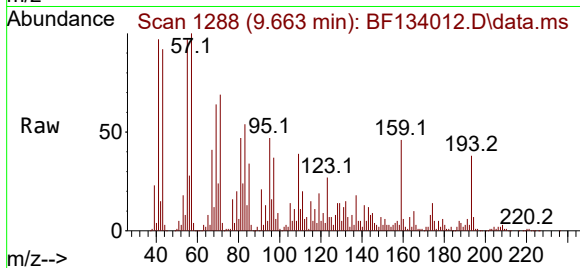
Tgt Ion:165 Resp: 24181

Ion Ratio Lower Upper

165 100

63 33.9 48.5 72.7#

89 16.4 45.5 68.3#



#53

3-Nitroaniline

Concen: 5.352 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.012 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

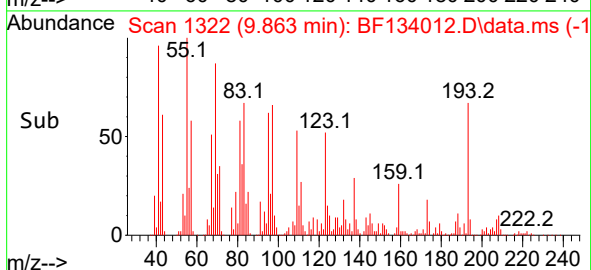
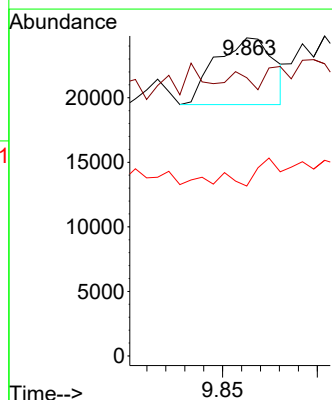
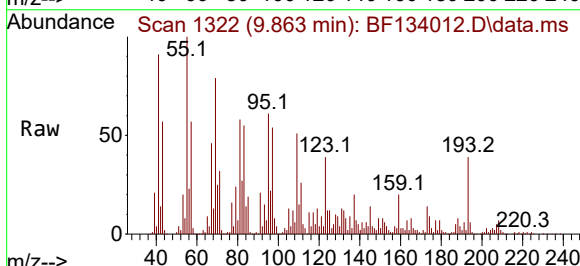
Tgt Ion:138 Resp: 10971

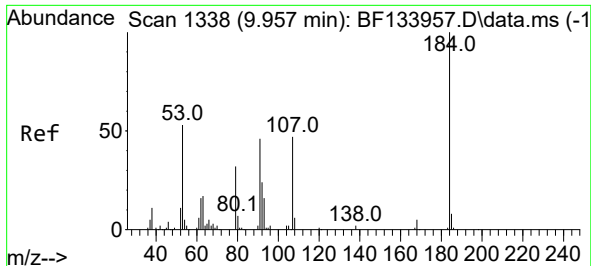
Ion Ratio Lower Upper

138 100

108 87.5 8.4 12.6#

92 53.4 90.1 135.1#

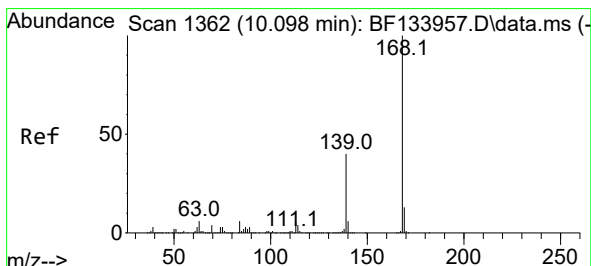
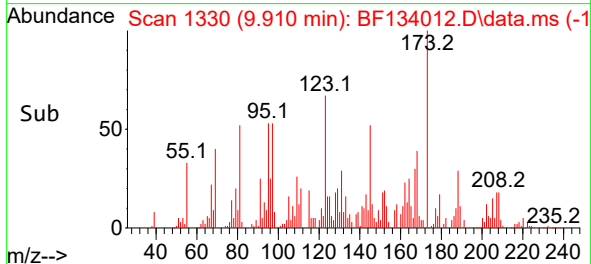
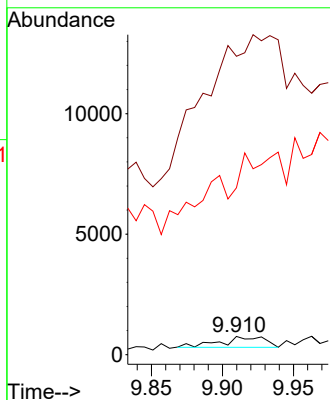
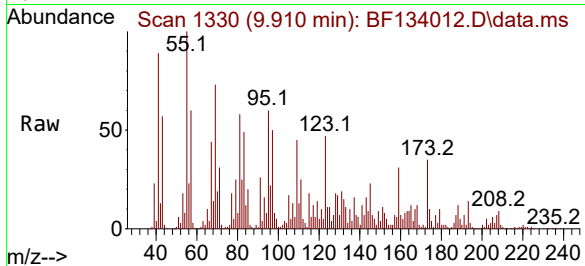




#54
2,4-Dinitrophenol
Concen: 4.765 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.047 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

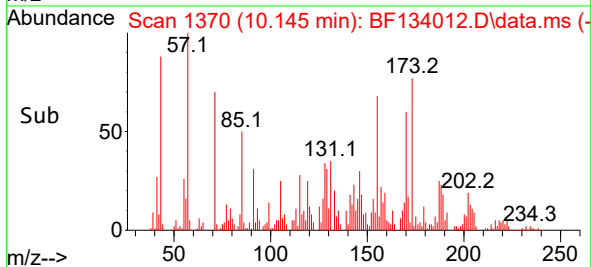
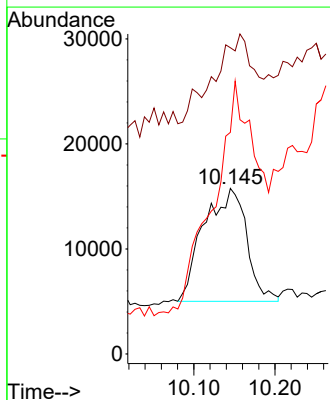
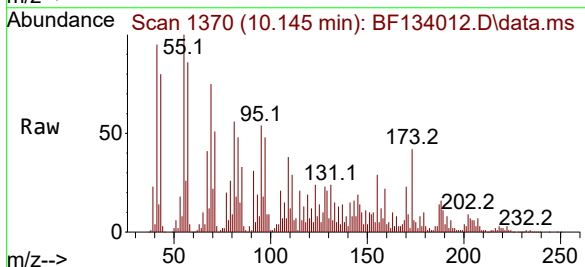
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

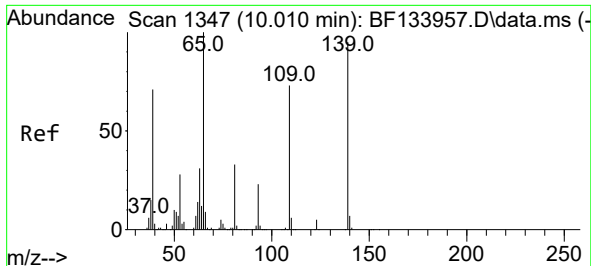
Tgt Ion:184 Resp: 934
Ion Ratio Lower Upper
184 100
63 1637.7 56.9 85.3#
154 915.5 55.4 83.0#



#55
Dibenzofuran
Concen: 3.965 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.047 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:168 Resp: 39392
Ion Ratio Lower Upper
168 100
139 185.0 32.0 48.0#
169 133.8 10.6 16.0#

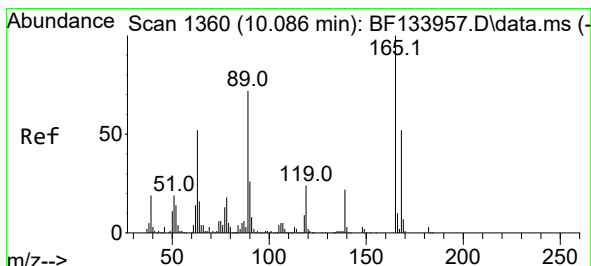
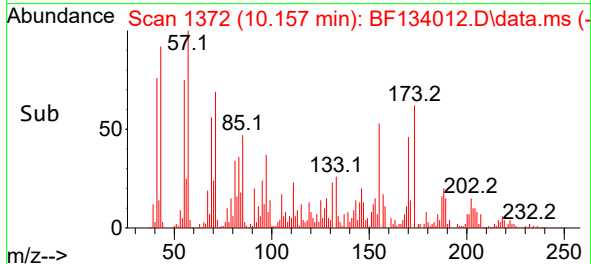
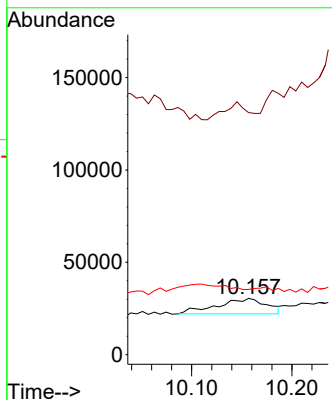
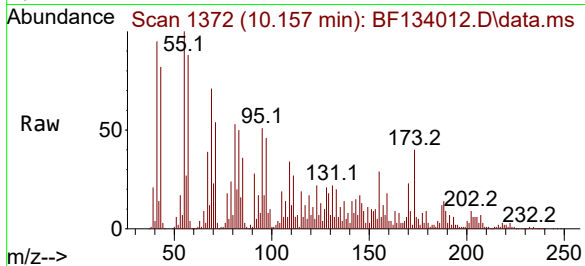




#56
4-Nitrophenol
Concen: 20.092 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.147 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

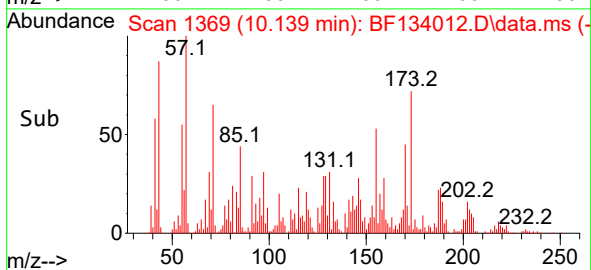
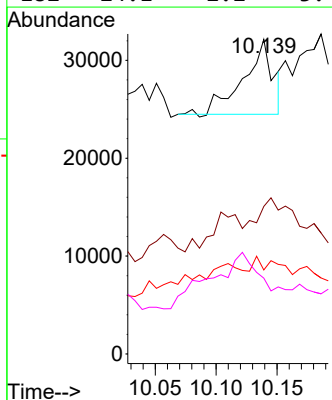
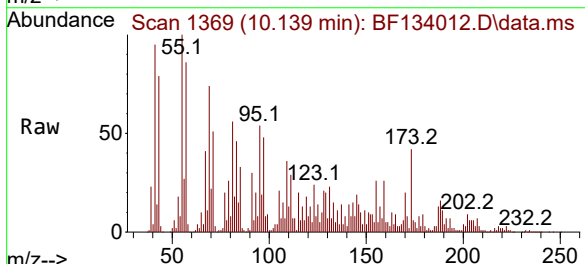
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

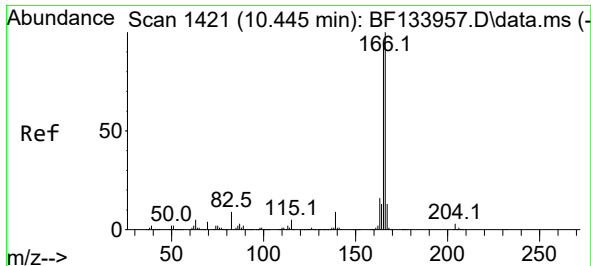
Tgt Ion:139 Resp: 28808
Ion Ratio Lower Upper
139 100
109 430.1 56.8 96.8#
65 115.9 86.1 126.1



#57
2,4-Dinitrotoluene
Concen: 5.662 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.053 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:165 Resp: 12776
Ion Ratio Lower Upper
165 100
63 46.9 42.2 63.2
89 26.7 57.4 86.2#
182 24.1 2.2 3.4#

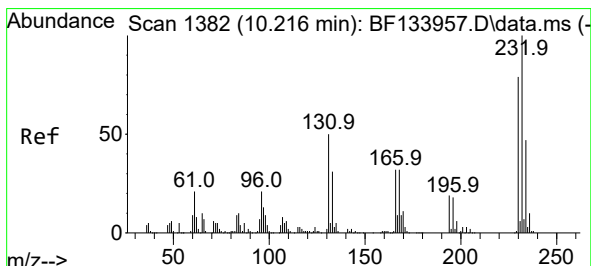
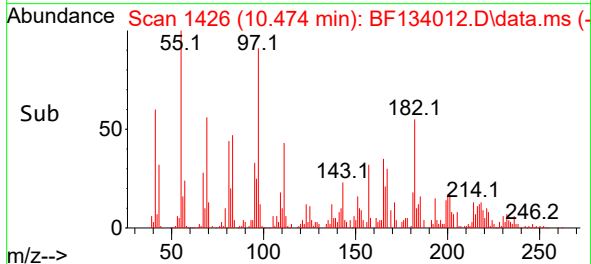
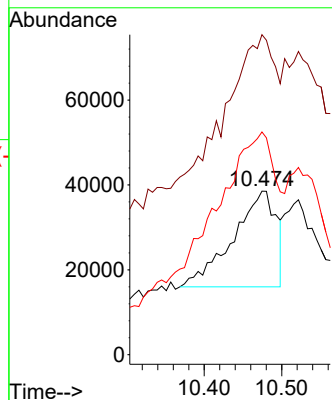
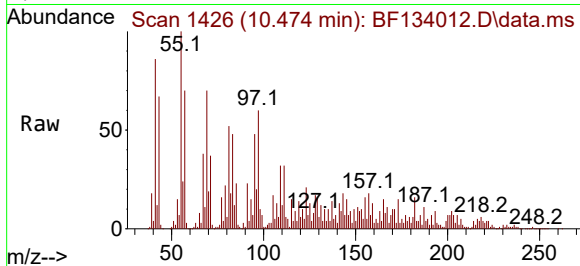




#58
 Fluorene
 Concen: 11.367 ng
 RT: 10.474 min Scan# 1421
 Delta R.T. 0.029 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

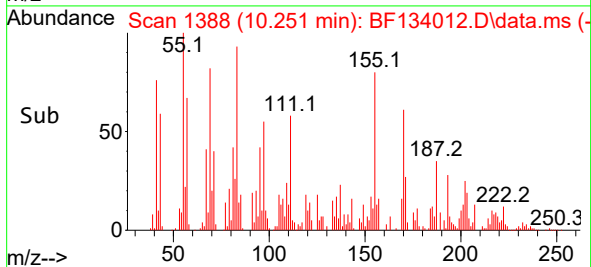
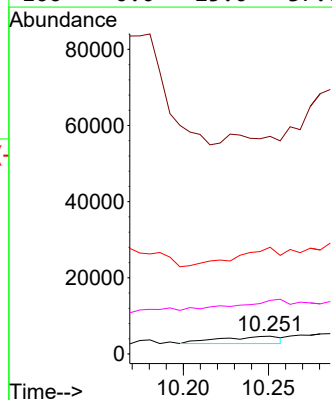
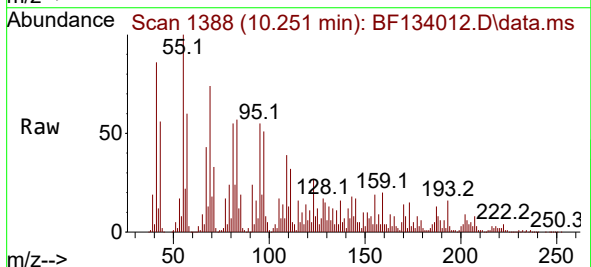
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

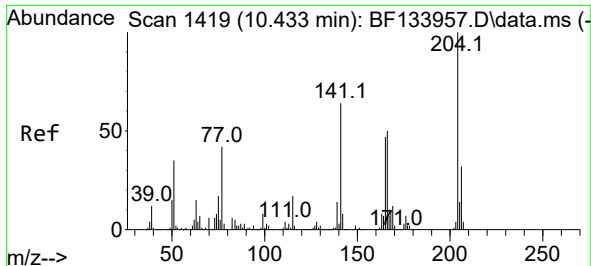
Tgt Ion:166 Resp: 87872
 Ion Ratio Lower Upper
 166 100
 165 195.7 75.0 112.4#
 167 136.2 10.6 15.8#



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 2.297 ng
 RT: 10.251 min Scan# 1388
 Delta R.T. 0.035 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

Tgt Ion:232 Resp: 4698
 Ion Ratio Lower Upper
 232 100
 131 0.0 39.3 58.9#
 130 165.4 1.8 2.6#
 166 0.0 25.0 37.6#

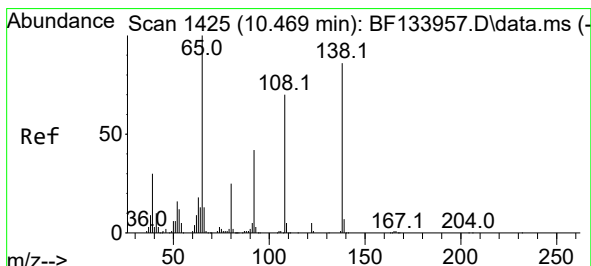
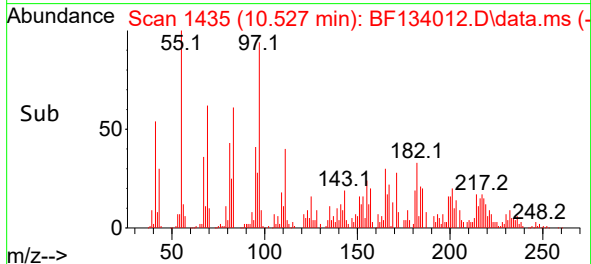
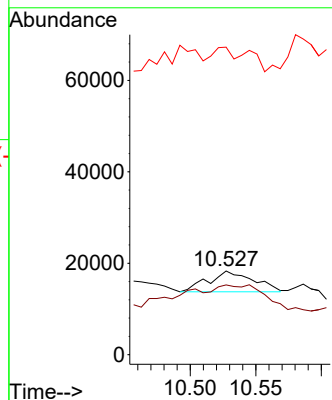
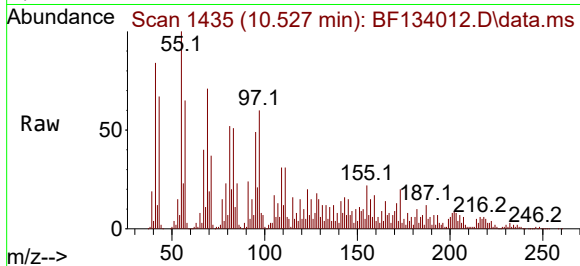




#61
4-Chlorophenyl-phenylether
Concen: 2.902 ng
RT: 10.527 min Scan# 1419
Delta R.T. 0.094 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

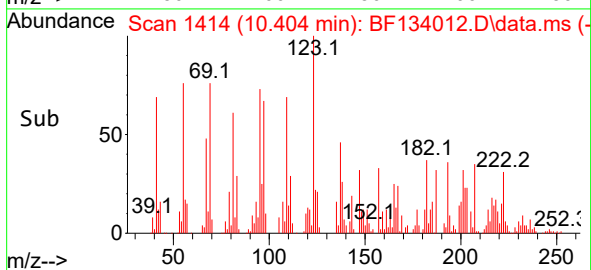
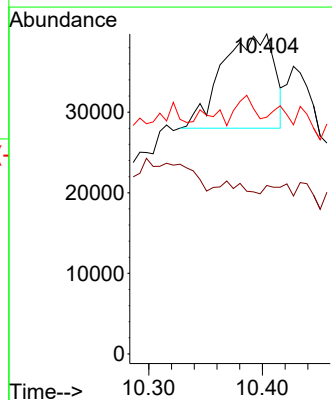
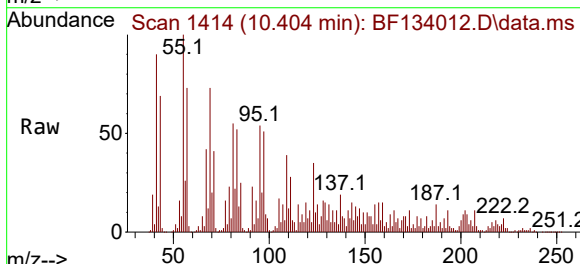
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

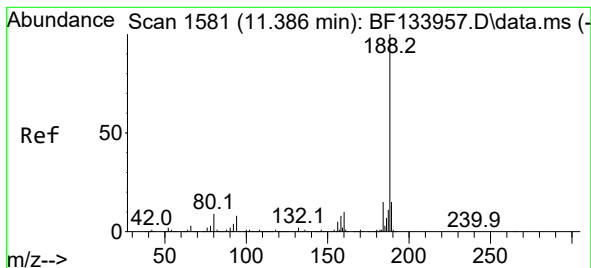
Tgt Ion:204 Resp: 10809
Ion Ratio Lower Upper
204 100
206 83.5 25.8 38.6#
141 367.5 51.5 77.3#



#62
4-Nitroaniline
Concen: 17.995 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.065 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:138 Resp: 37172
Ion Ratio Lower Upper
138 100
92 52.7 29.7 69.7
108 74.0 62.1 102.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.521 min Scan# 1

Delta R.T. 0.135 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

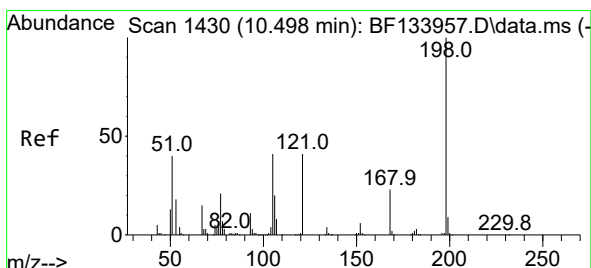
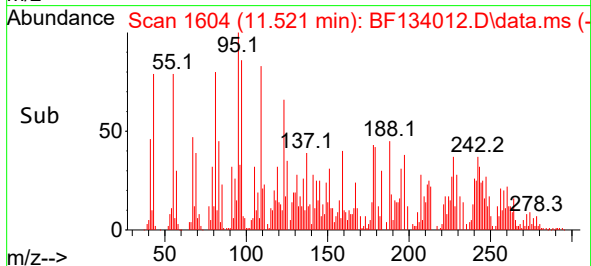
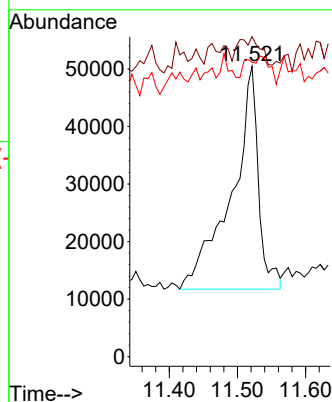
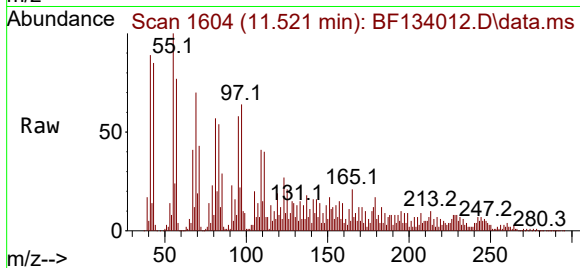
Tgt Ion:188 Resp: 106597

Ion Ratio Lower Upper

188 100

94 110.2 6.4 9.6#

80 101.4 7.3 10.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 15.376 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.012 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

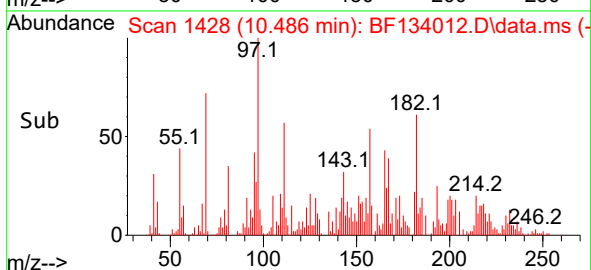
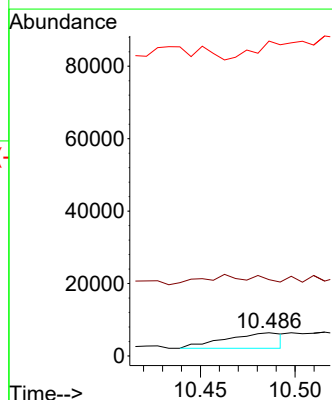
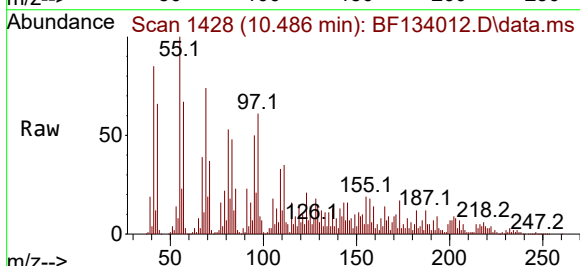
Tgt Ion:198 Resp: 8936

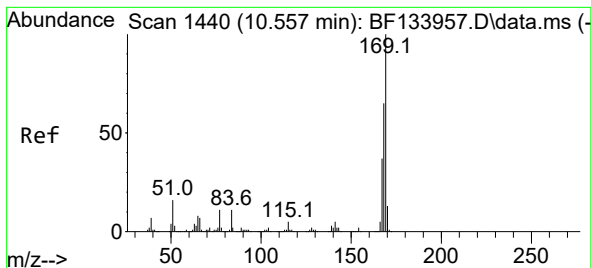
Ion Ratio Lower Upper

198 100

51 329.9 29.3 69.3#

105 1360.8 22.4 62.4#

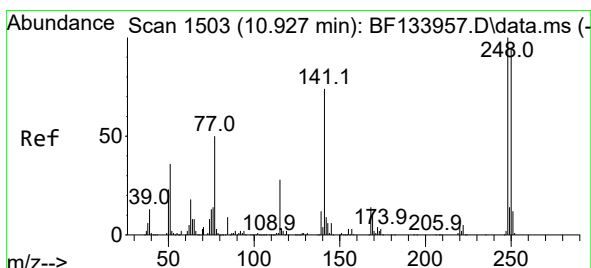
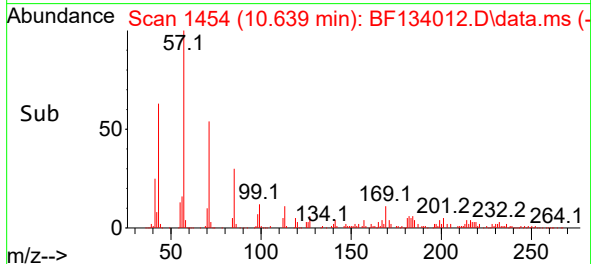
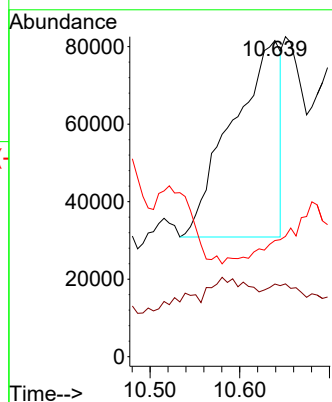
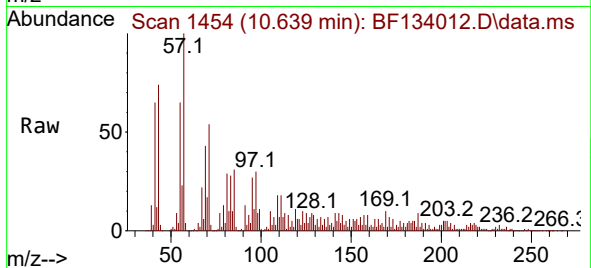




#66
n-Nitrosodiphenylamine
Concen: 55.401 ng
RT: 10.639 min Scan# 1440
Delta R.T. 0.082 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

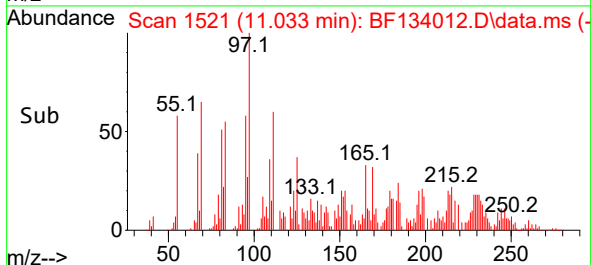
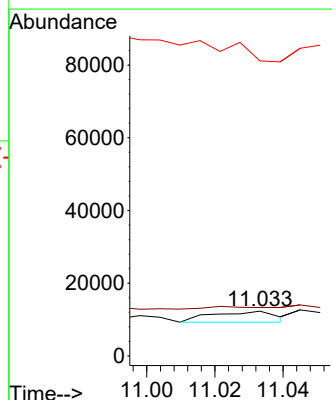
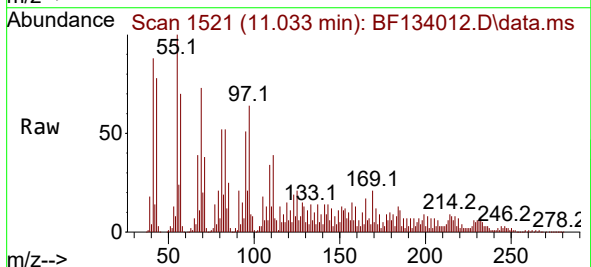
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

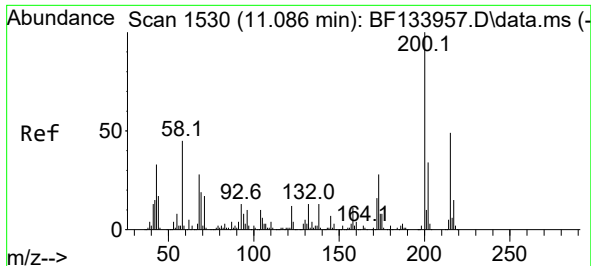
Tgt Ion:169 Resp: 188686
Ion Ratio Lower Upper
169 100
168 23.0 52.3 78.5#
167 36.7 29.4 44.0



#67
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 11.033 min Scan# 1521
Delta R.T. 0.106 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:248 Resp: 3871
Ion Ratio Lower Upper
248 100
250 108.2 76.2 114.4
141 659.1 59.0 88.4#





#69

Atrazine

Concen: 5.712 ng

RT: 11.174 min Scan# 1

Delta R.T. 0.088 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

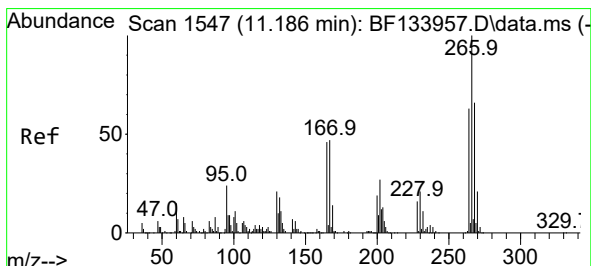
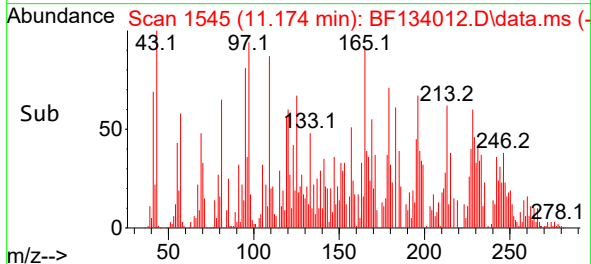
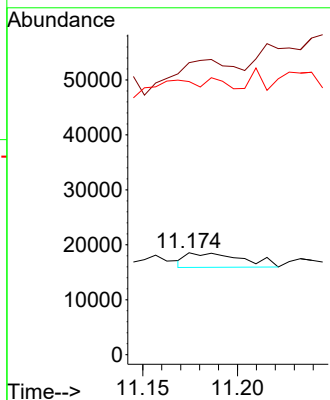
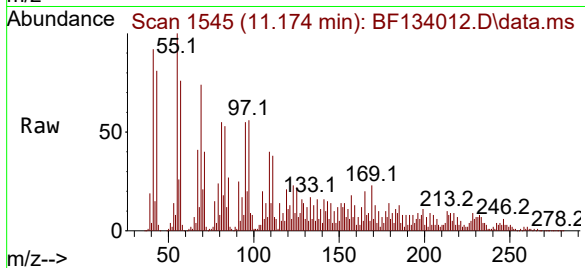
Tgt Ion:200 Resp: 5381

Ion Ratio Lower Upper

200 100

173 286.3 8.0 48.0#

215 267.8 29.3 69.3#



#70

Pentachlorophenol

Concen: 8.889 ng

RT: 11.339 min Scan# 1573

Delta R.T. 0.153 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

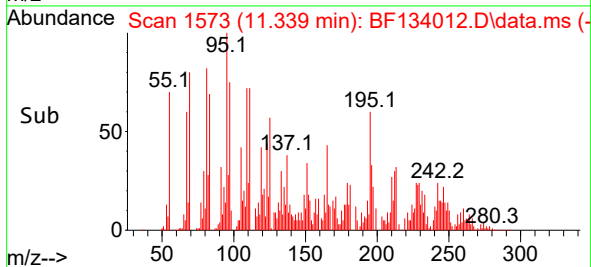
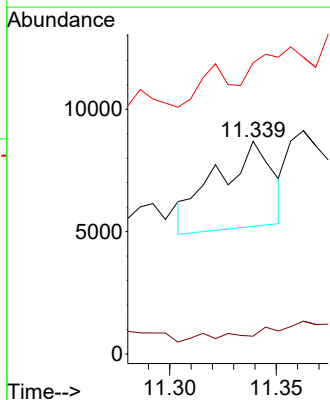
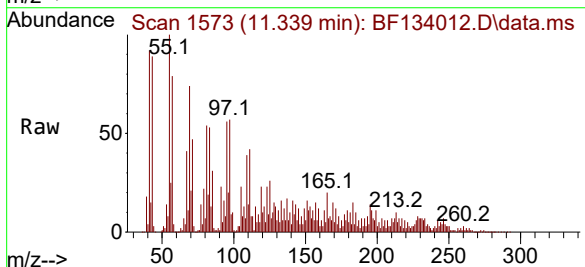
Tgt Ion:266 Resp: 6394

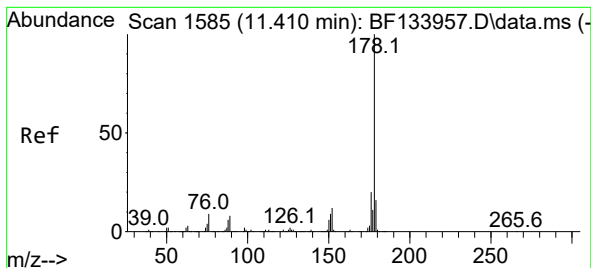
Ion Ratio Lower Upper

266 100

268 8.3 52.6 79.0#

264 137.0 50.6 76.0#





#71

Phenanthrene

Concen: 54.574 ng

RT: 11.545 min Scan# 1

Delta R.T. 0.135 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

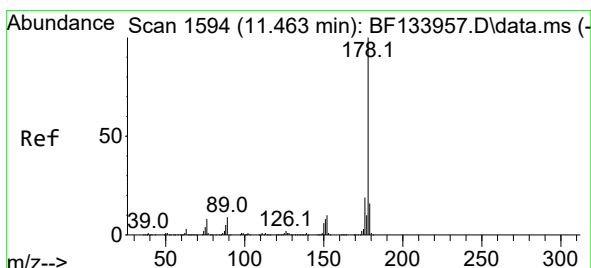
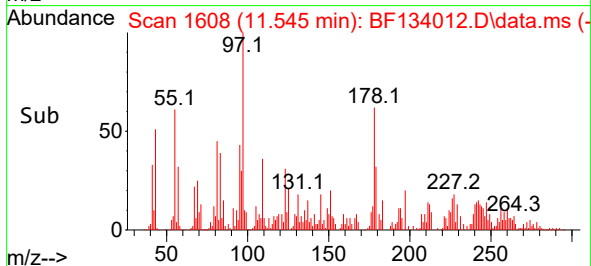
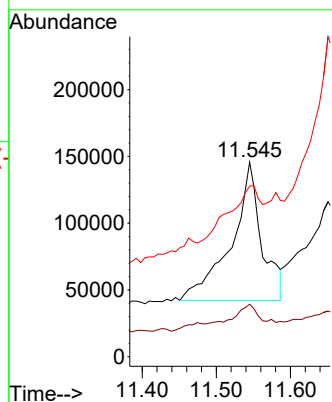
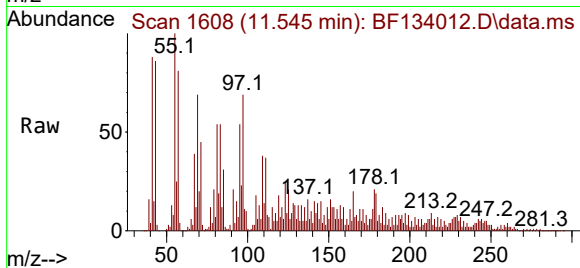
Tgt Ion:178 Resp: 292859

Ion Ratio Lower Upper

178 100

176 27.0 16.0 24.0#

179 87.7 12.4 18.6#



#72

Anthracene

Concen: 25.675 ng

RT: 11.651 min Scan# 1626

Delta R.T. 0.188 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

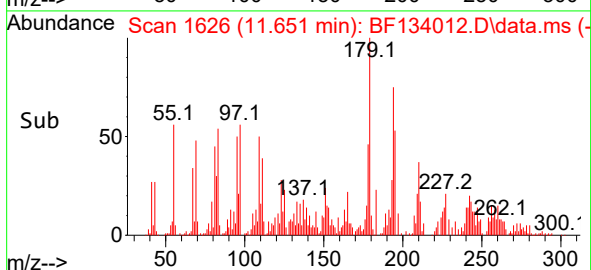
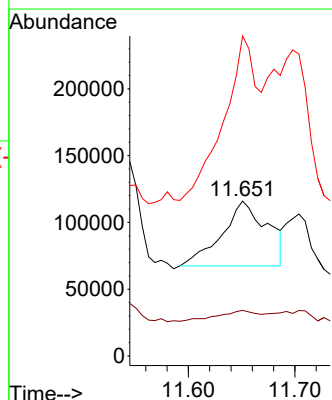
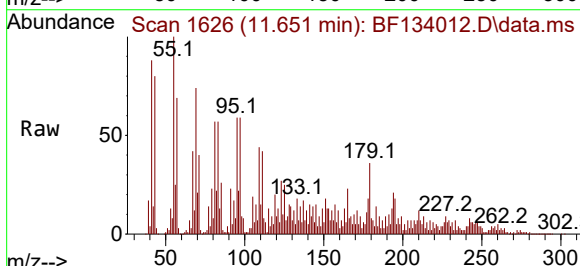
Tgt Ion:178 Resp: 143307

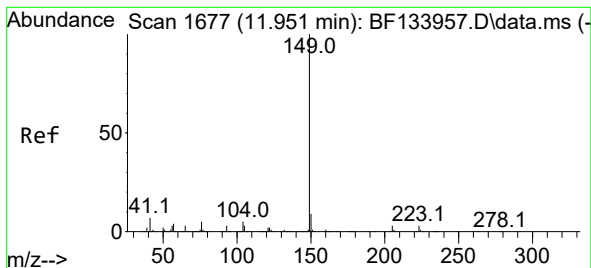
Ion Ratio Lower Upper

178 100

176 29.4 15.3 22.9#

179 206.6 12.4 18.6#





#74

Di-n-butylphthalate

Concen: 19.492 ng

RT: 12.092 min Scan# 1

Delta R.T. 0.141 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

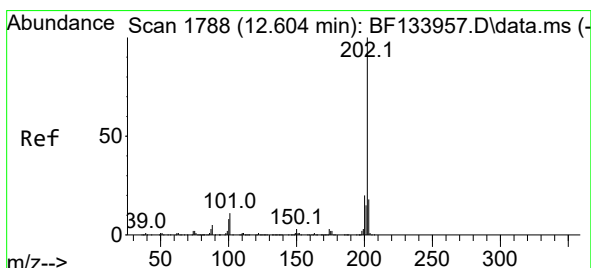
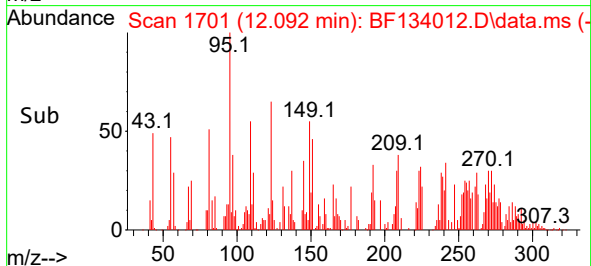
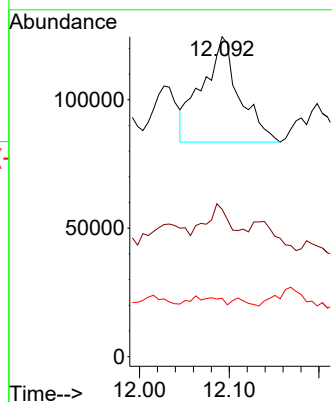
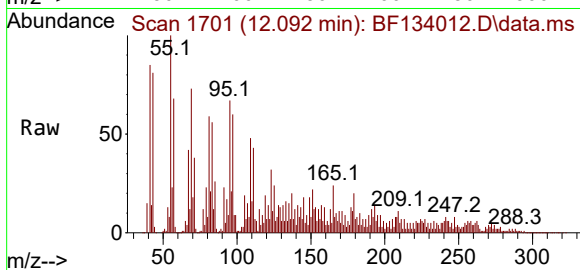
Tgt Ion:149 Resp: 118420

Ion Ratio Lower Upper

149 100

150 46.1 7.1 10.7#

104 18.2 4.0 6.0#



#75

Fluoranthene

Concen: 22.541 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.153 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

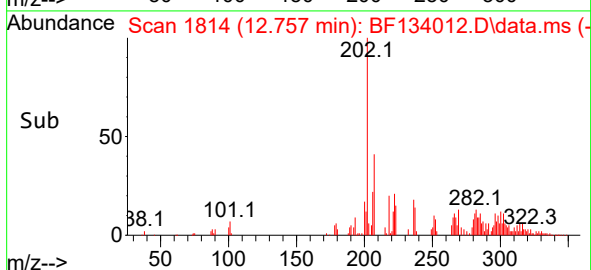
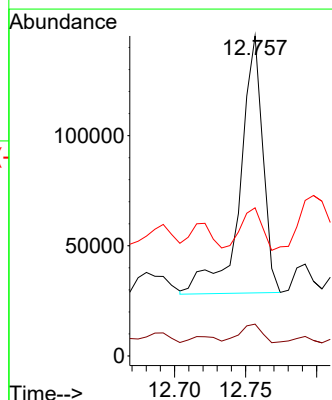
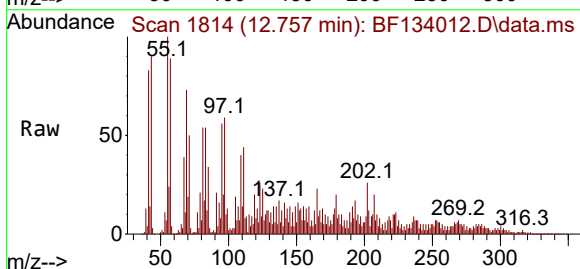
Tgt Ion:202 Resp: 130769

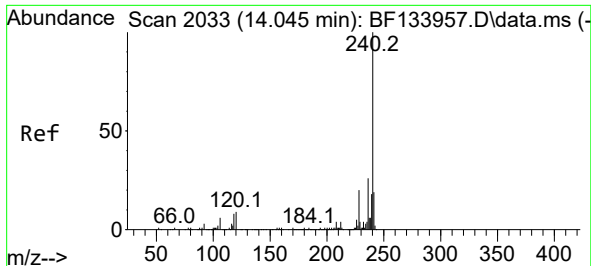
Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.0

203 46.3 0.0 37.6#

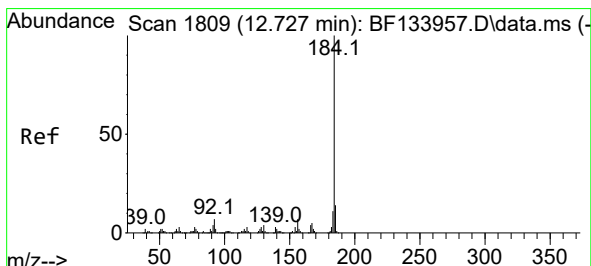
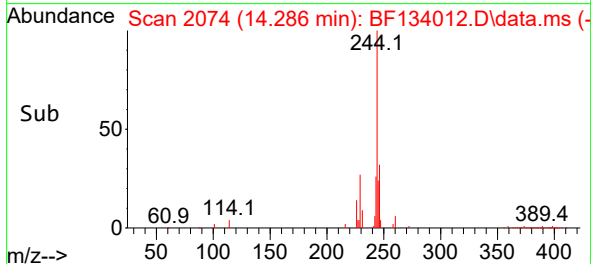
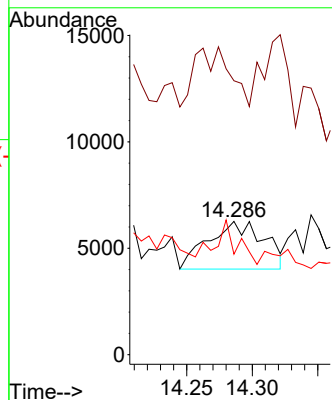
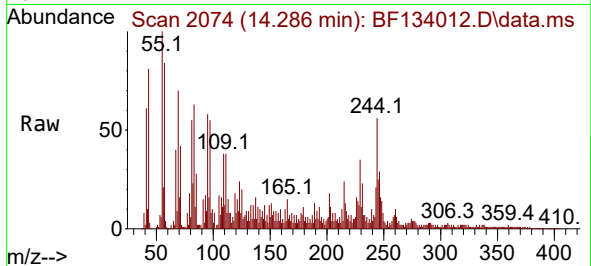




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.286 min Scan# 2033
Delta R.T. 0.241 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

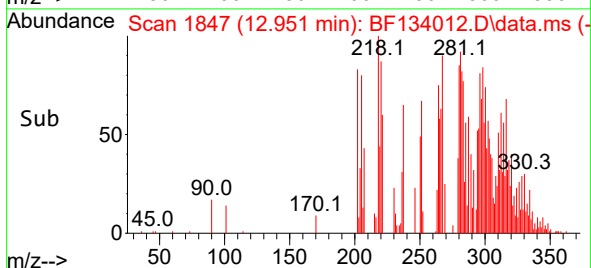
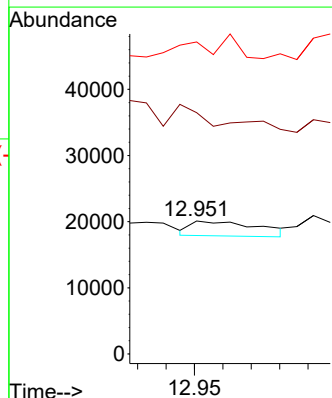
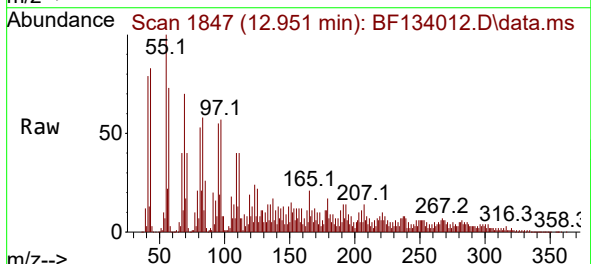
Instrument :
BNA_F
ClientSampleId :
CONC-WC-1

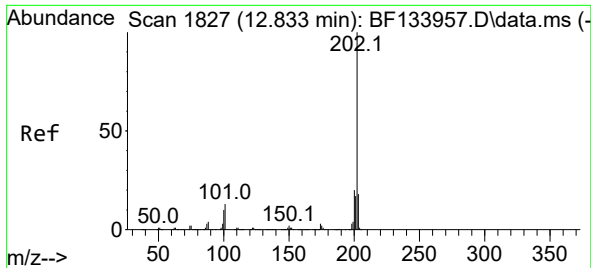
Tgt Ion:240 Resp: 6580
Ion Ratio Lower Upper
240 100
120 205.6 7.4 11.0#
236 75.4 21.0 31.6#



#77
Benzidine
Concen: 23.428 ng
RT: 12.951 min Scan# 1847
Delta R.T. 0.224 min
Lab File: BF134012.D
Acq: 28 Jun 2023 04:17

Tgt Ion:184 Resp: 3668
Ion Ratio Lower Upper
184 100
185 181.5 11.6 17.4#
183 234.6 8.8 13.2#

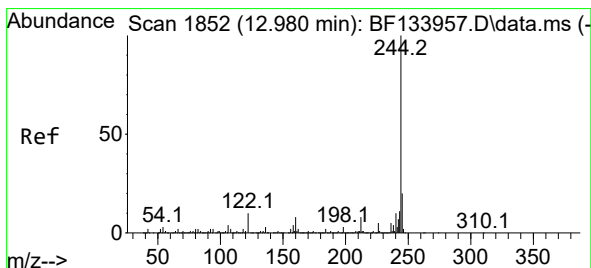
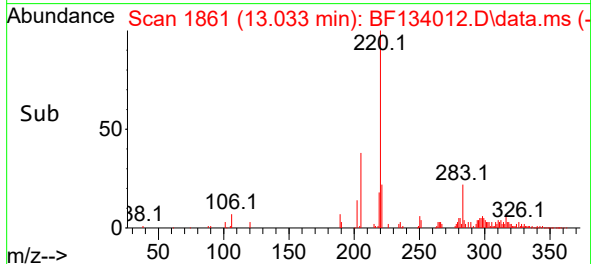
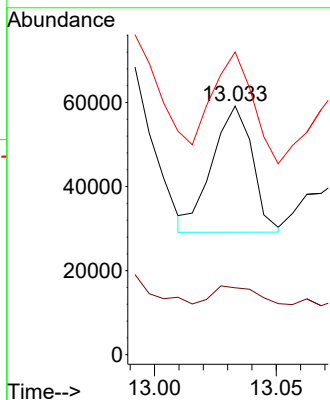
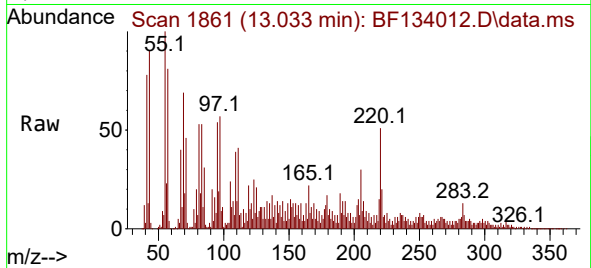




#78
 Pyrene
 Concen: 56.292 ng
 RT: 13.033 min Scan# 11
 Delta R.T. 0.200 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

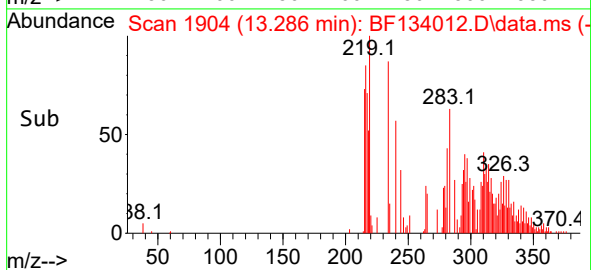
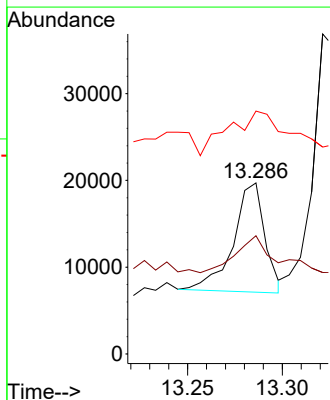
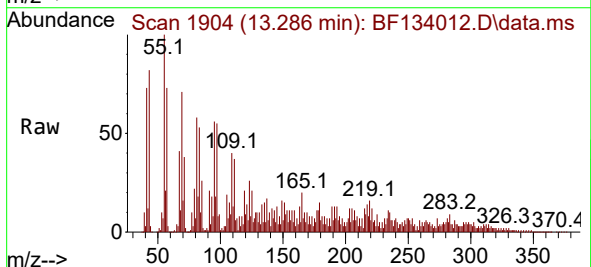
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

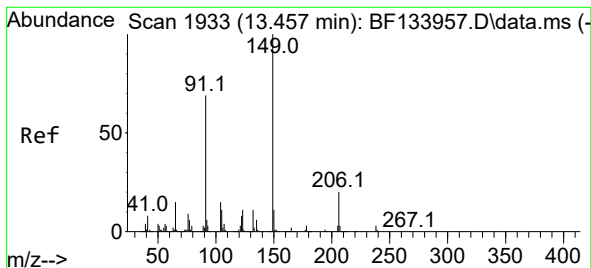
Tgt Ion:202 Resp: 34471
 Ion Ratio Lower Upper
 202 100
 200 26.9 16.1 24.1#
 203 121.7 14.3 21.5#



#79
 Terphenyl-d14
 Concen: 35.461 ng
 RT: 13.286 min Scan# 1904
 Delta R.T. 0.306 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

Tgt Ion:244 Resp: 14498
 Ion Ratio Lower Upper
 244 100
 212 69.2 6.0 9.0#
 122 142.1 8.3 12.5#





#80

Butylbenzylphthalate

Concen: 24.680 ng

RT: 13.774 min Scan# 1933

Delta R.T. 0.318 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

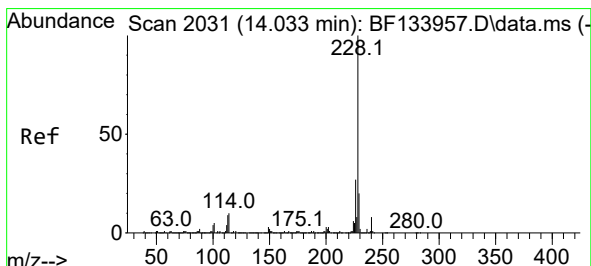
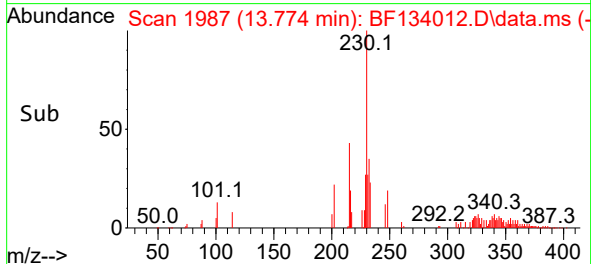
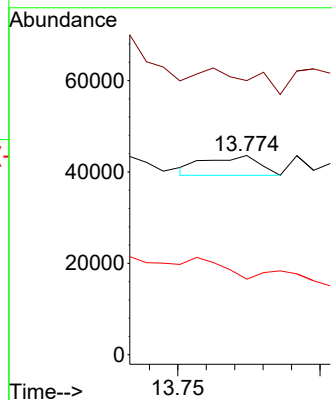
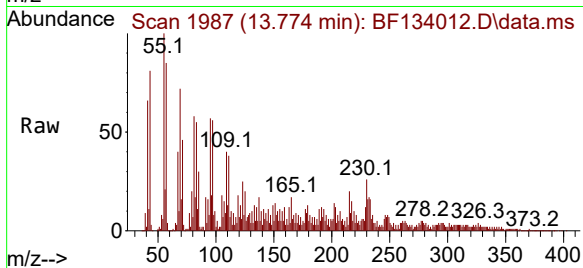
Tgt Ion:149 Resp: 5668

Ion Ratio Lower Upper

149 100

91 137.5 55.1 82.7#

206 37.9 15.7 23.5#



#81

Benzo(a)anthracene

Concen: 19.284 ng

RT: 14.292 min Scan# 2075

Delta R.T. 0.259 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

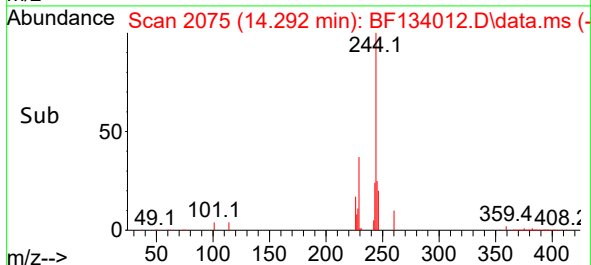
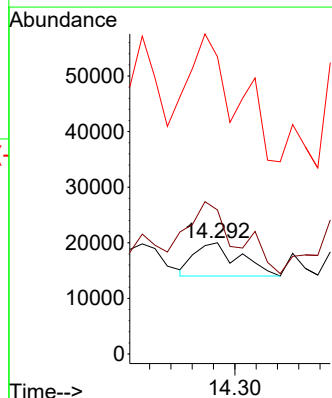
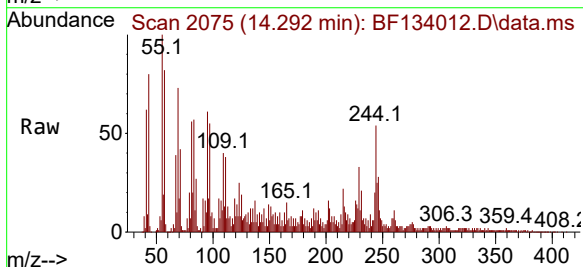
Tgt Ion:228 Resp: 8800

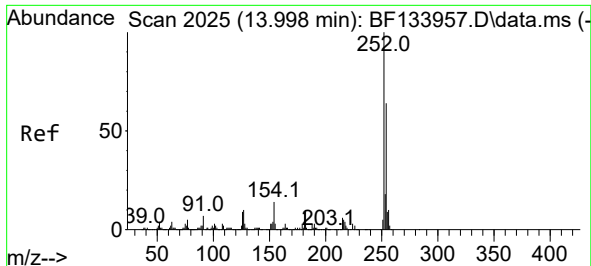
Ion Ratio Lower Upper

228 100

226 129.6 22.0 33.0#

229 267.4 16.3 24.5#

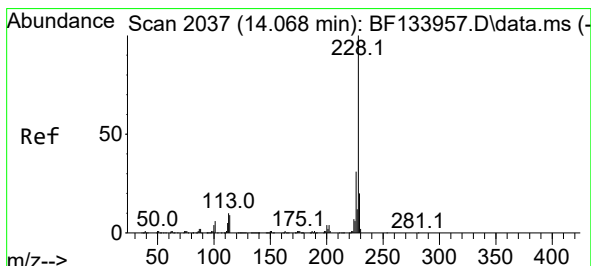
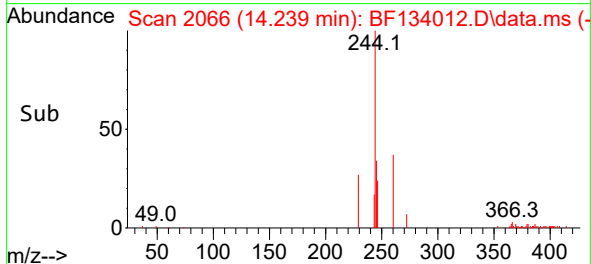
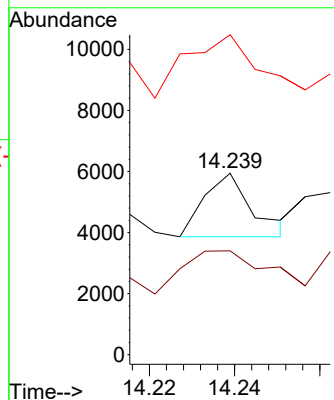
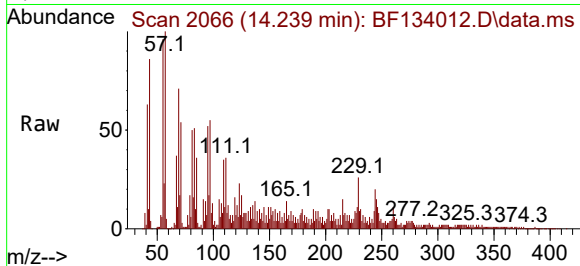




#82
 3,3'-Dichlorobenzidine
 Concen: 11.212 ng
 RT: 14.239 min Scan# 2066
 Delta R.T. 0.241 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

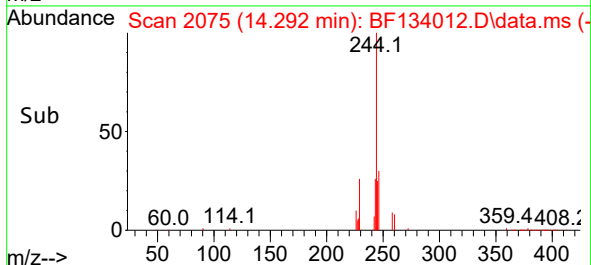
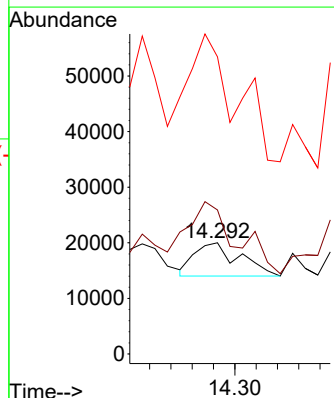
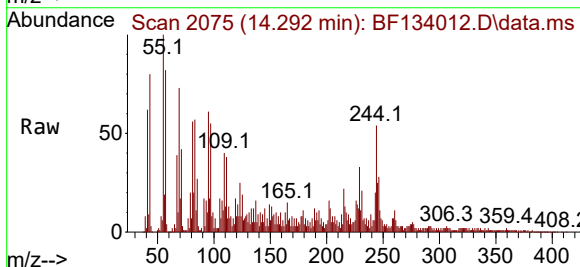
Instrument :
 BNA_F
 ClientSampleId :
 CONC-WC-1

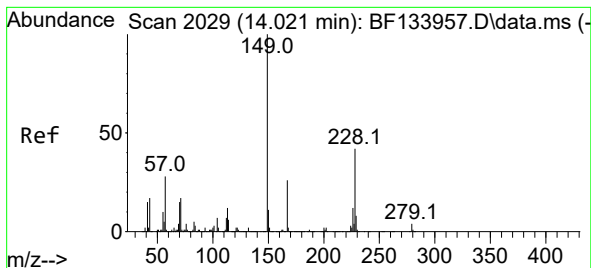
Tgt Ion:252 Resp: 1621
 Ion Ratio Lower Upper
 252 100
 254 57.2 51.4 77.0
 126 176.4 7.4 11.2#



#83
 Chrysene
 Concen: 19.910 ng
 RT: 14.292 min Scan# 2075
 Delta R.T. 0.224 min
 Lab File: BF134012.D
 Acq: 28 Jun 2023 04:17

Tgt Ion:228 Resp: 8800
 Ion Ratio Lower Upper
 228 100
 226 129.6 24.4 36.6#
 229 267.4 16.1 24.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 45.722 ng

RT: 14.298 min Scan# 2029

Delta R.T. 0.276 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

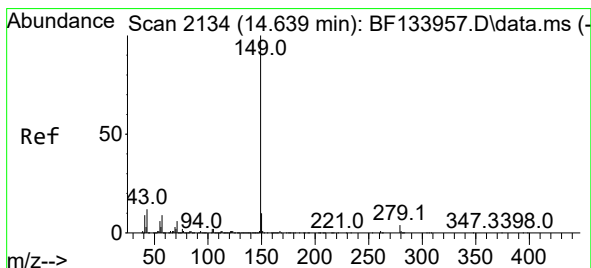
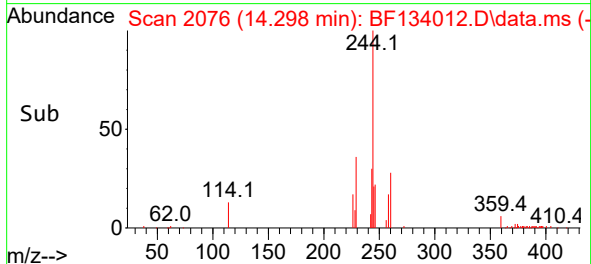
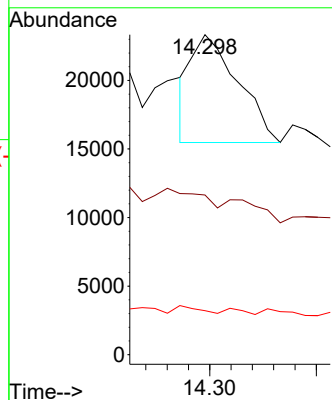
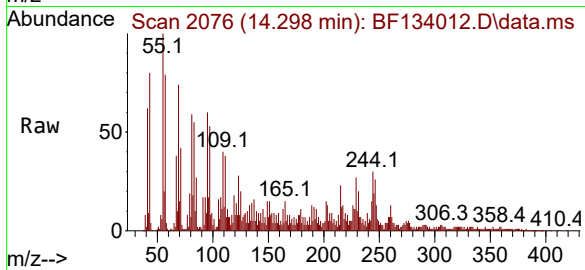
Tgt Ion:149 Resp: 12066

Ion Ratio Lower Upper

149 100

167 49.9 21.0 31.4#

279 13.8 3.3 4.9#



#85

Di-n-octyl phthalate

Concen: 5.730 ng

RT: 14.898 min Scan# 2178

Delta R.T. 0.259 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

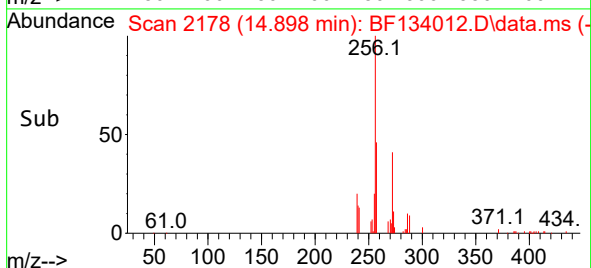
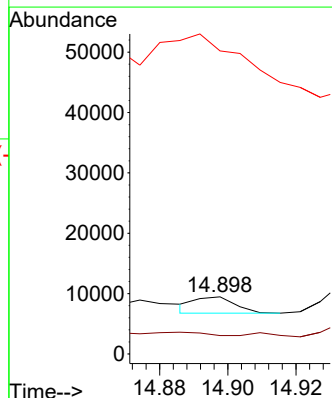
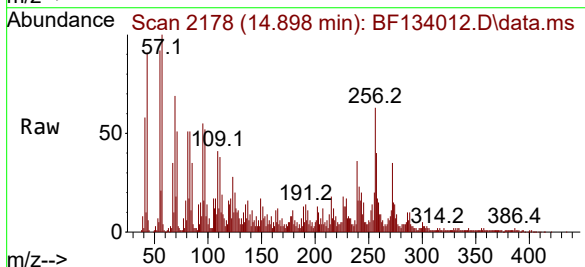
Tgt Ion:149 Resp: 2222

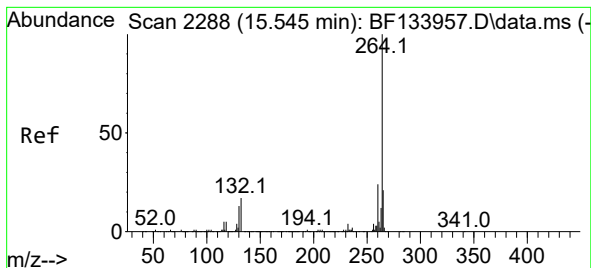
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 9.0 13.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.927 min Scan# 21

Delta R.T. 0.382 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

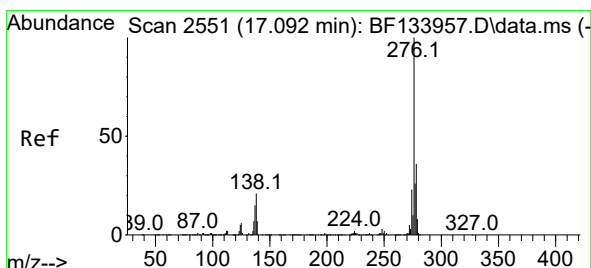
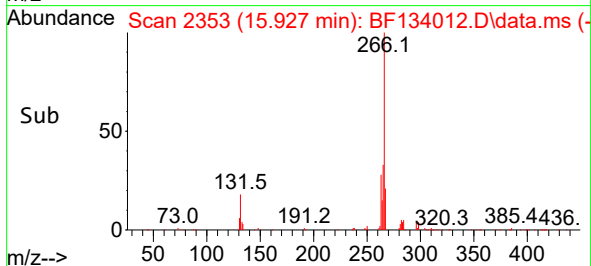
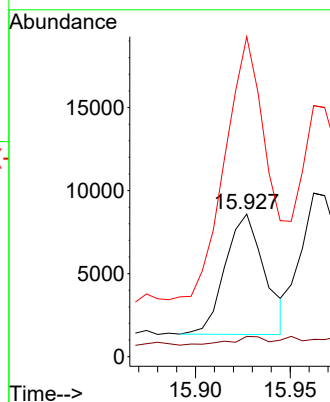
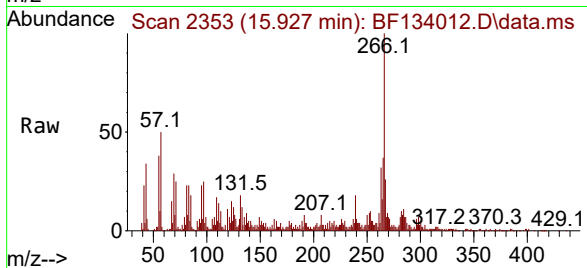
Tgt Ion:264 Resp: 10453

Ion Ratio Lower Upper

264 100

260 14.3 19.5 29.3#

265 224.6 16.6 25.0#



#87

Indeno(1,2,3-cd)pyrene

Concen: 69.469 ng

RT: 17.603 min Scan# 2638

Delta R.T. 0.512 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

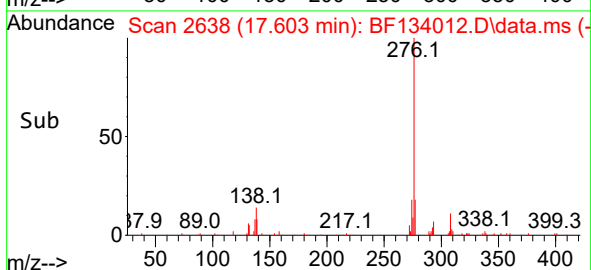
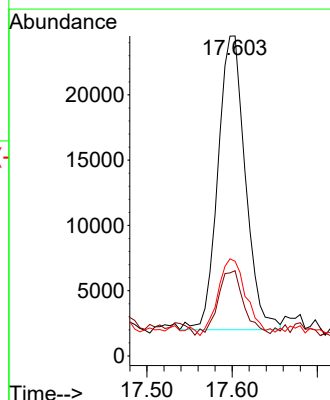
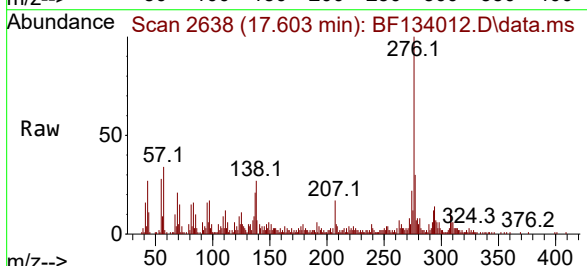
Tgt Ion:276 Resp: 50388

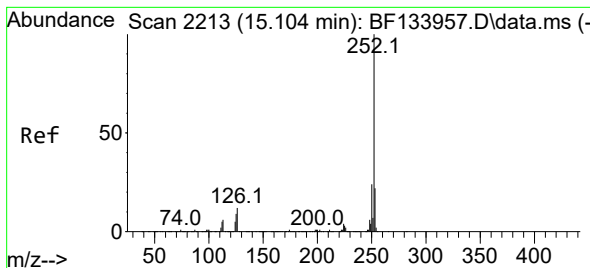
Ion Ratio Lower Upper

276 100

138 21.4 18.7 28.1

277 27.2 19.9 29.9





#88

Benzo(b)fluoranthene

Concen: 189.272 ng

RT: 15.468 min Scan# 21

Delta R.T. 0.365 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1

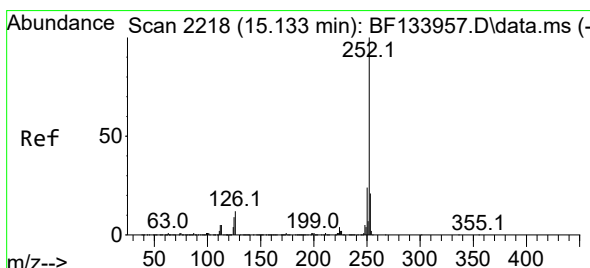
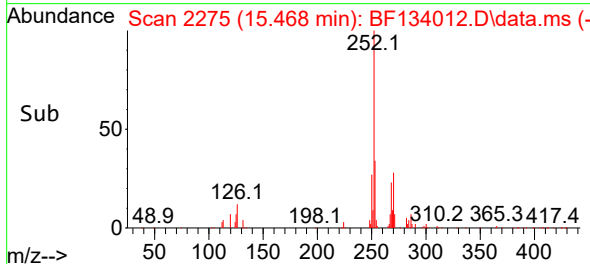
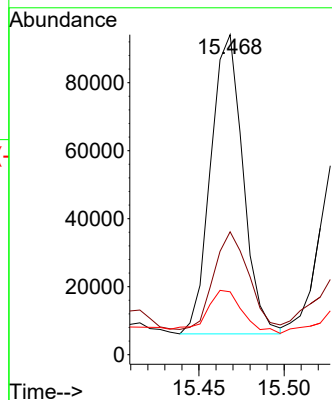
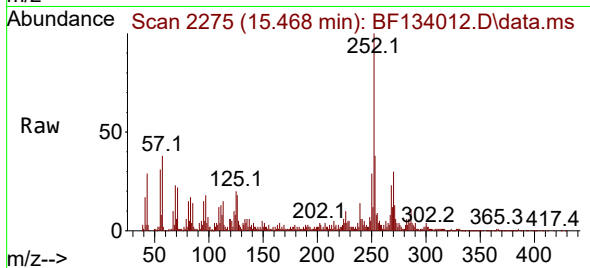
Tgt Ion:252 Resp: 116335

Ion Ratio Lower Upper

252 100

253 38.4 17.4 26.0#

125 19.6 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 124.304 ng

RT: 15.533 min Scan# 2286

Delta R.T. 0.400 min

Lab File: BF134012.D

Acq: 28 Jun 2023 04:17

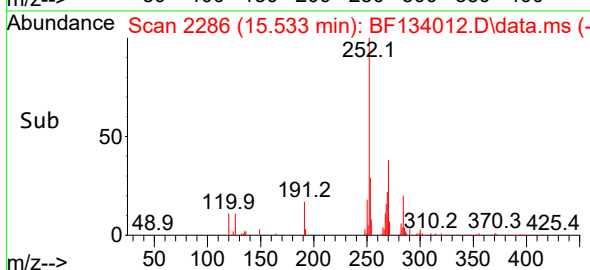
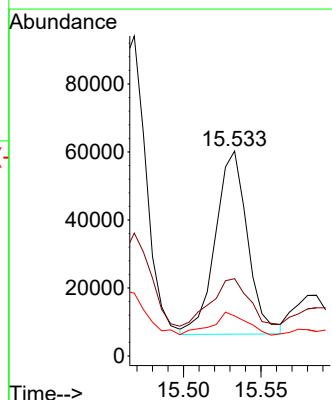
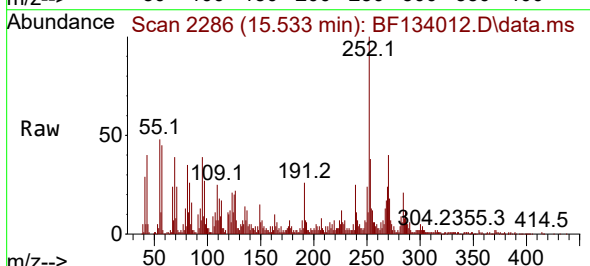
Tgt Ion:252 Resp: 77790

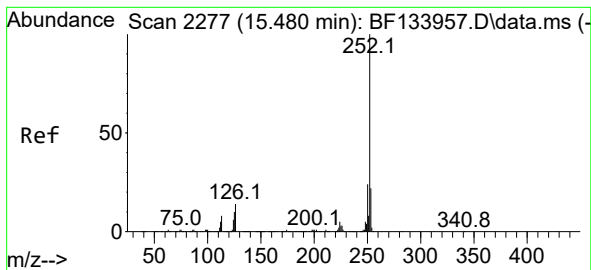
Ion Ratio Lower Upper

252 100

253 37.7 16.9 25.3#

125 19.5 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 6.437 ng

RT: 15.886 min Scan# 21

Delta R.T. 0.406 min

Lab File: BF134012.D

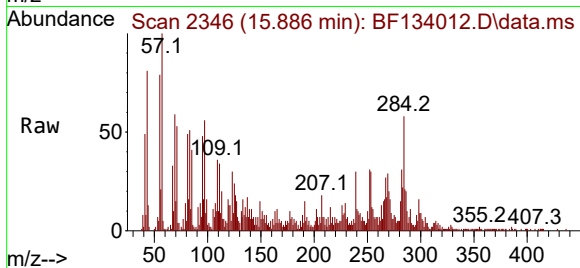
Acq: 28 Jun 2023 04:17

Instrument :

BNA_F

ClientSampleId :

CONC-WC-1



Tgt Ion:252 Resp: 3826

Ion Ratio Lower Upper

252 100

253 99.0 17.4 26.0#

125 78.6 8.4 12.6#

