

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082523\
 Data File : BF134950.D
 Acq On : 25 Aug 2023 20:12
 Operator : CG\JU
 Sample : 04145-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 26 02:51:40 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	6.787	152	72947	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	268162	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	66633	20.000	ng	0.01
64) Phenanthrene-d10	11.333	188	4609	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	92858	20.000	ng	# 0.05
86) Perylene-d12	15.474	264	116077	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	533167	116.552	ng	-0.01
7) Phenol-d6	6.428	99	664143	113.620	ng	-0.01
23) Nitrobenzene-d5	7.351	82	386132	79.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	98835	125.941	ng	0.03
45) 2-Fluorobiphenyl	9.151	172	564371	130.935	ng	0.00
79) Terphenyl-d14	12.980	244	354010	52.436	ng	0.06
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	53023	15.532	ng	# 77
20) 3+4-Methylphenols	7.434	107	116	Below Cal		# 1
25) Isophorone	7.351	82	382309	42.071	ng	# 64
35) Caprolactam	8.498	113	5214	4.263	ng	# 1
43) 2,4,6-Trichlorophenol	9.075	196	3029	2.259	ng	# 10
48) 2-Nitroaniline	9.386	65	16932	13.111	ng	# 24
51) 2,6-Dinitrotoluene	9.645	165	17951	17.160	ng	# 38
53) 3-Nitroaniline	9.798	138	10658	9.328	ng	# 52
54) 2,4-Dinitrophenol	9.904	184	1710	3.455	ng	# 1
55) Dibenzofuran	10.057	168	11839	2.133	ng	# 1
56) 4-Nitrophenol	9.969	139	6538	8.211	ng	# 1
57) 2,4-Dinitrotoluene	10.028	165	11182	8.643	ng	# 41
58) Fluorene	10.404	166	10818	2.570	ng	# 1
60) Diethylphthalate	10.269	149	18767	4.319	ng	# 18
61) 4-Chlorophenyl-phenyle...	10.422	204	7566	3.586	ng	# 1
62) 4-Nitroaniline	10.328	138	19862	18.595	ng	# 80
63) Azobenzene	10.581	77	25623	5.935	ng	# 48
65) 4,6-Dinitro-2-methylph...	10.433	198	2898	106.560	ng	# 1
66) n-Nitrosodiphenylamine	10.475	169	8184	55.140	ng	# 7
67) 4-Bromophenyl-phenylether	10.904	248	1918	36.070	ng	# 1
69) Atrazine	11.045	200	8667	215.043	ng	# 1
70) Pentachlorophenol	11.228	266	6939	203.886	ng	# 27
71) Phenanthrene	11.369	178	10380	42.978	ng	# 1
72) Anthracene	11.404	178	53814	217.465	ng	# 1
73) Carbazole	11.563	167	3578	17.547	ng	# 1
74) Di-n-butylphthalate	11.875	149	13810	59.051	ng	# 18
75) Fluoranthene	12.557	202	3987	17.422	ng	# 1
78) Pyrene	12.845	202	63311	6.431	ng	# 65
80) Butylbenzylphthalate	13.439	149	8573	2.858	ng	# 29
81) Benzo(a)anthracene	14.016	228	46184	7.290	ng	# 77
83) Chrysene	14.051	228	41700	6.671	ng	# 78
85) Di-n-octyl phthalate	14.616	149	17304	3.266	ng	# 75
87) Indeno(1,2,3-cd)pyrene	16.945	276	18657	2.249	ng	# 97
88) Benzo(b)fluoranthene	15.051	252	79327	12.113	ng	# 40
89) Benzo(k)fluoranthene	15.051	252	79327	12.335	ng	# 37
90) Benzo(a)pyrene	15.410	252	38101	5.828	ng	# 70

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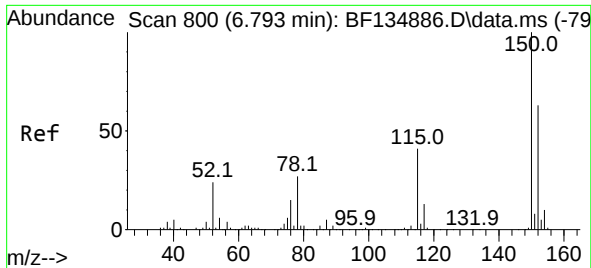
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
92) Benzo(g,h,i)perylene	17.392	276	18038	2.625	ng	# 94

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

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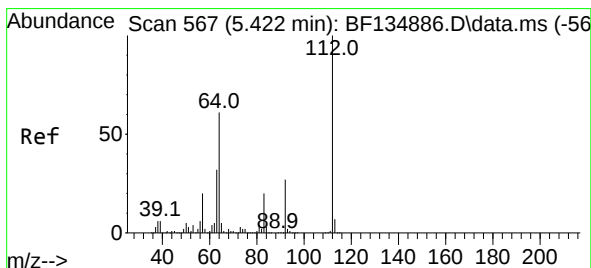
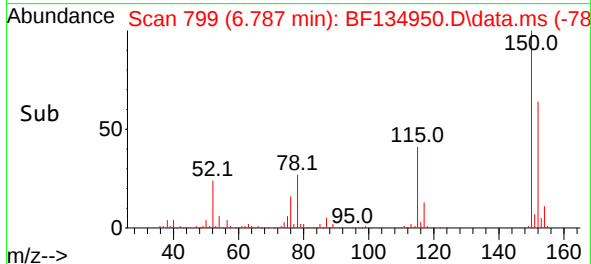
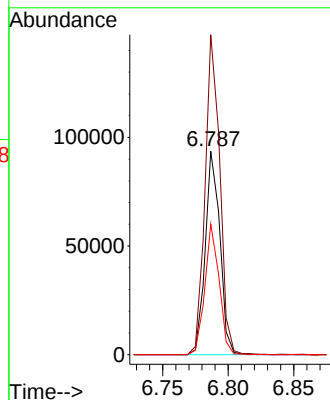
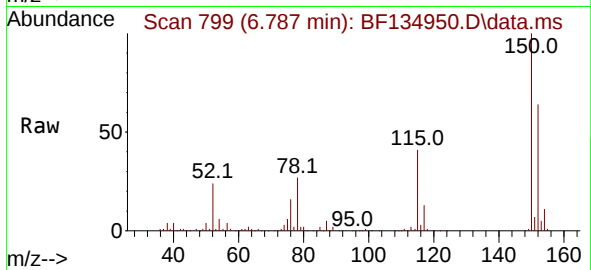




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

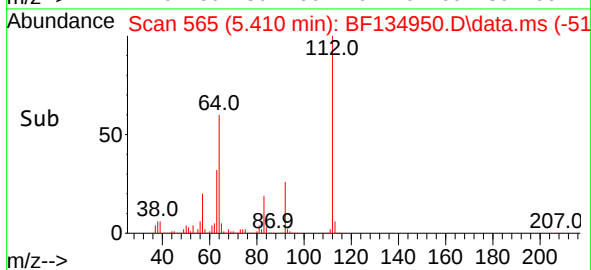
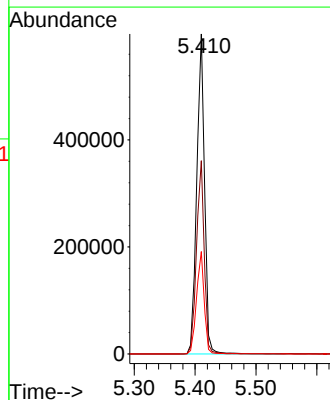
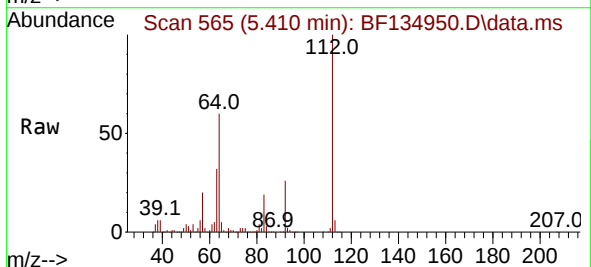
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WC-1

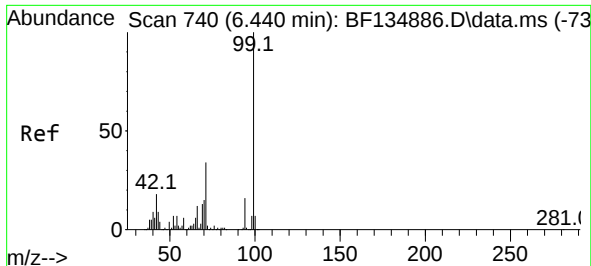
Tgt Ion:152 Resp: 72947
Ion Ratio Lower Upper
152 100
150 157.2 126.1 189.1
115 64.2 51.1 76.7



#5
2-Fluorophenol
Concen: 116.552 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:112 Resp: 533167
Ion Ratio Lower Upper
112 100
64 60.4 48.6 73.0
63 32.0 25.7 38.5

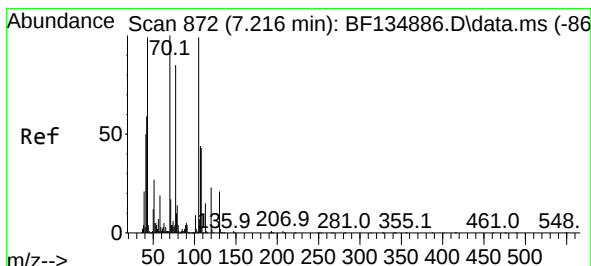
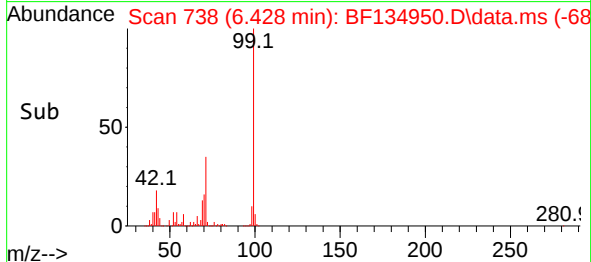
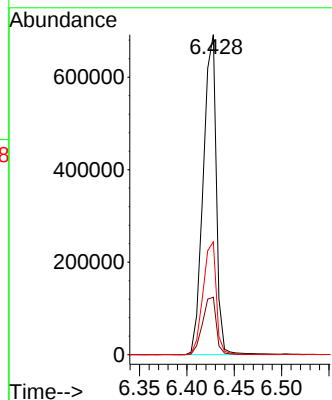
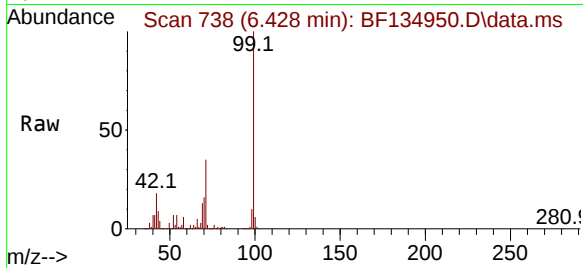




#7
Phenol-d6
Concen: 113.620 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

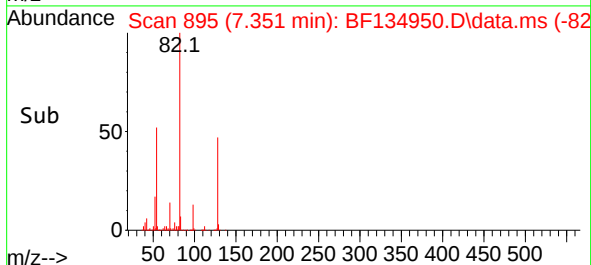
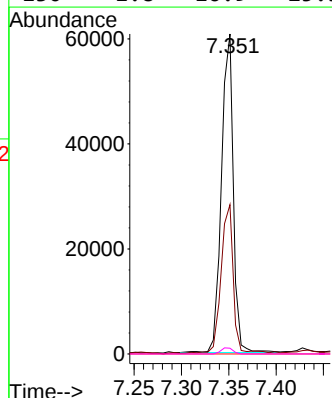
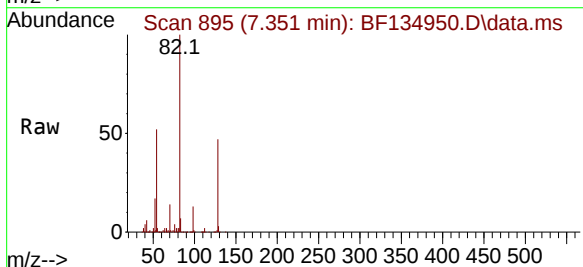
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ClientSampleId :
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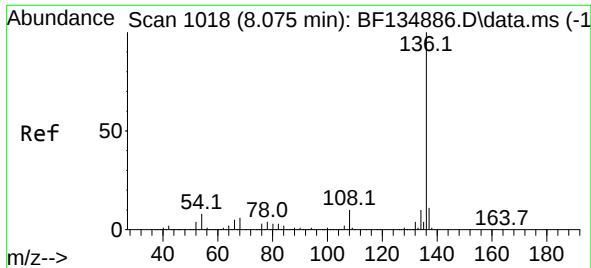
Tgt Ion: 99 Resp: 664143
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 35.3 27.6 41.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.532 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.135 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion: 70 Resp: 53023
Ion Ratio Lower Upper
70 100
42 46.7 46.9 70.3#
101 0.0 7.5 11.3#
130 1.8 16.9 25.3#

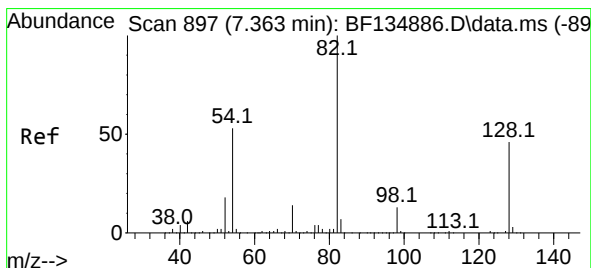
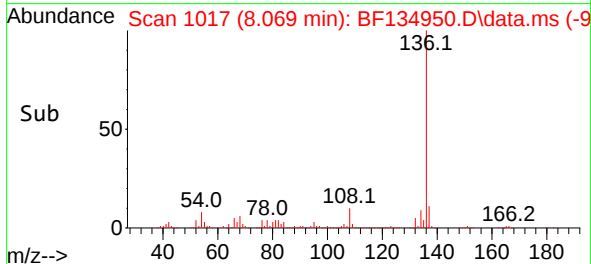
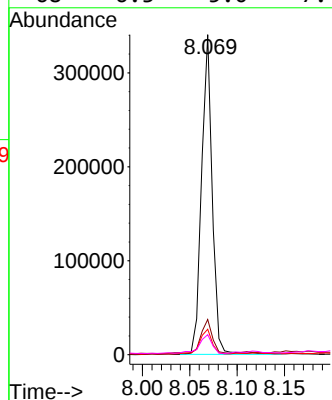
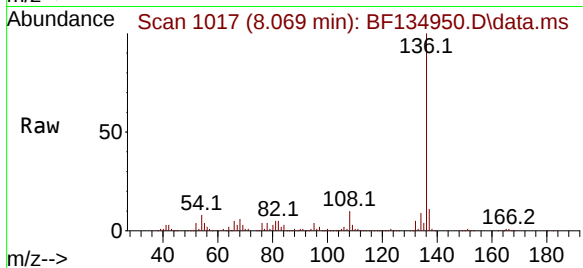




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

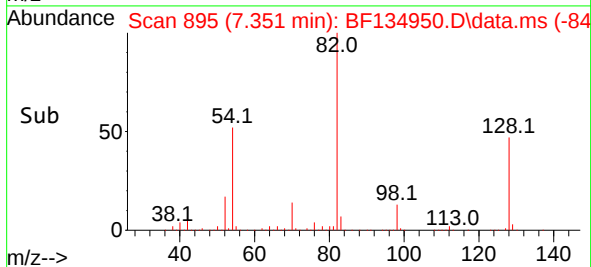
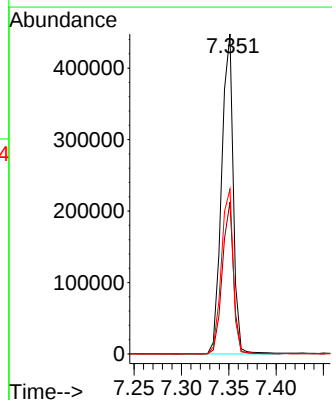
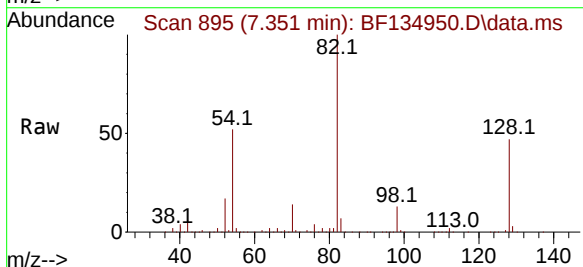
Instrument :
BNA_F
ClientSampleId :
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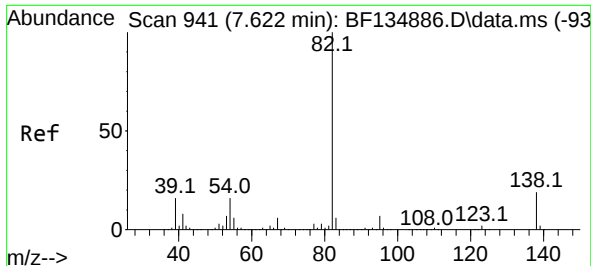
Tgt Ion:	136	Resp:	268162
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.9	6.6	9.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 79.345 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:	82	Resp:	386132
Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.6	54.8
54	51.5	42.6	63.8

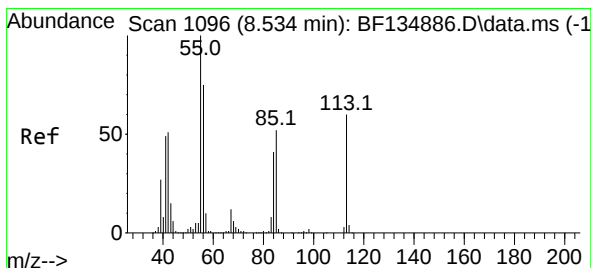
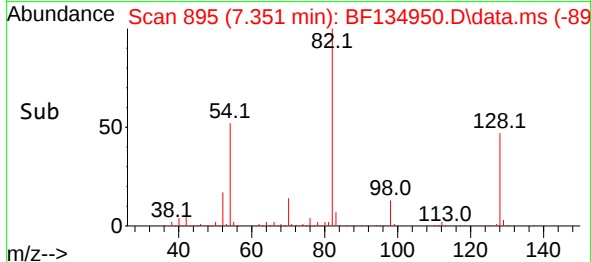
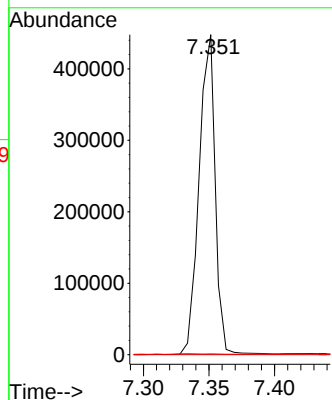
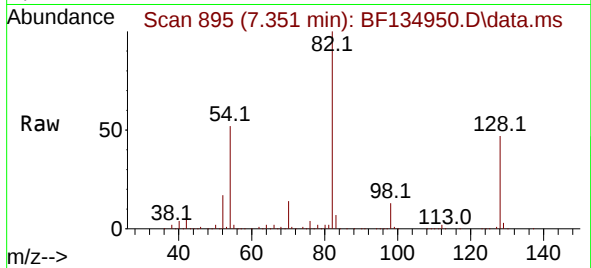




#25
Isophorone
Concen: 42.071 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

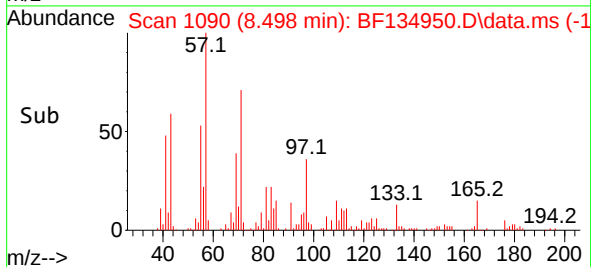
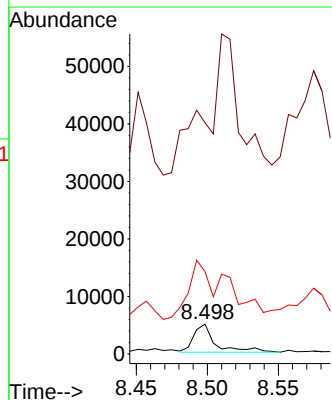
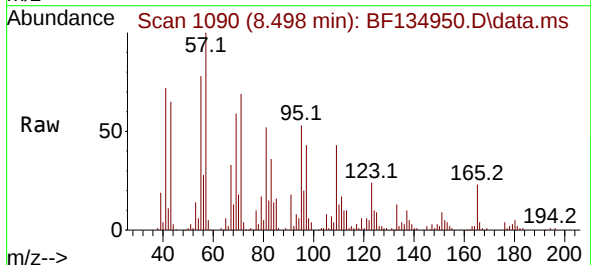
Instrument :
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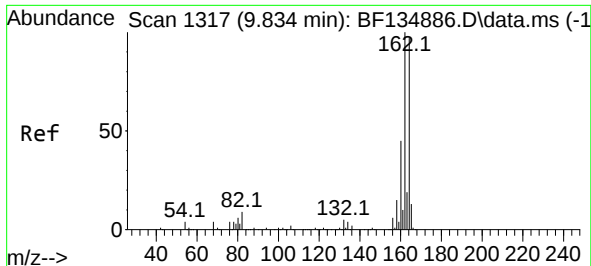
Tgt Ion: 82 Resp: 382309
Ion Ratio Lower Upper
82 100
95 0.2 5.9 8.9#
138 0.0 14.9 22.3#



#35
Caprolactam
Concen: 4.263 ng
RT: 8.498 min Scan# 1090
Delta R.T. -0.035 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion: 113 Resp: 5214
Ion Ratio Lower Upper
113 100
55 772.9 147.2 187.2#
56 275.6 106.0 146.0#

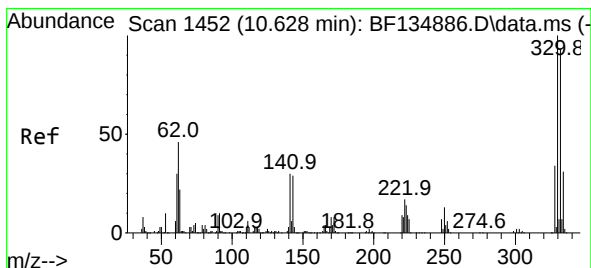
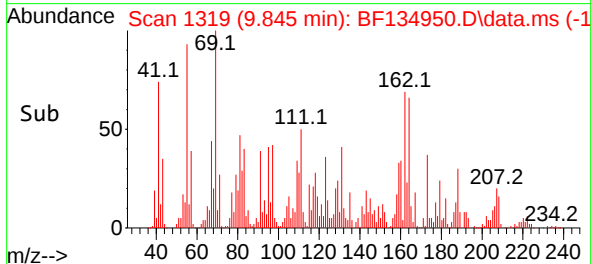
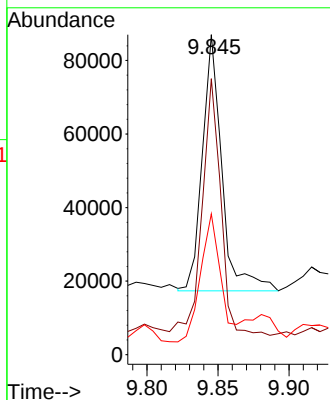
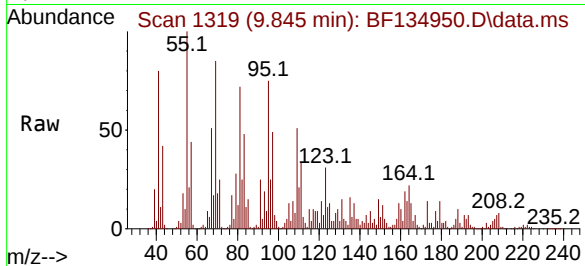




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

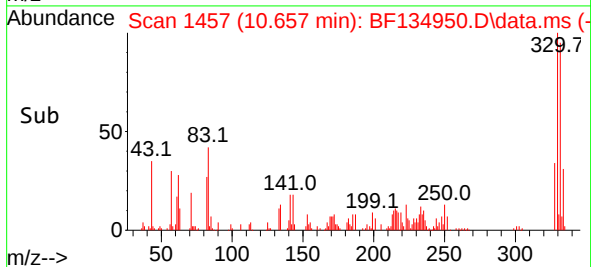
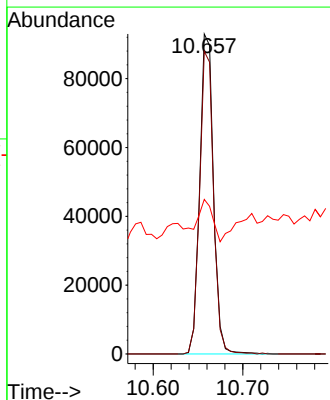
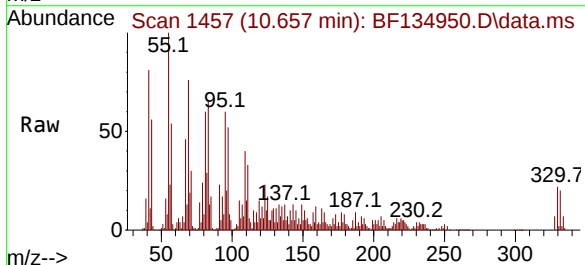
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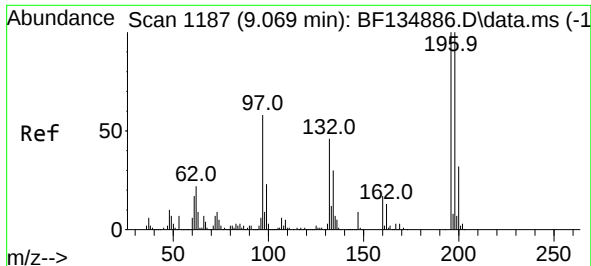
Tgt Ion:164 Resp: 66633
Ion Ratio Lower Upper
164 100
162 86.2 82.6 123.8
160 44.0 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 125.941 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.029 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:330 Resp: 98835
Ion Ratio Lower Upper
330 100
332 95.5 76.3 114.5
141 12.6 23.4 35.2#

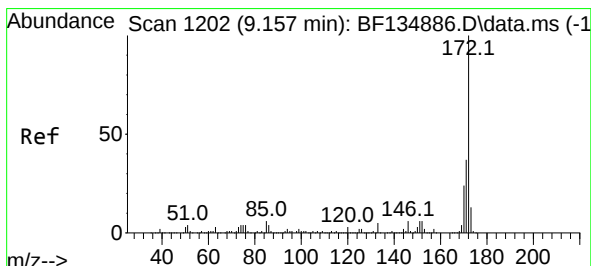
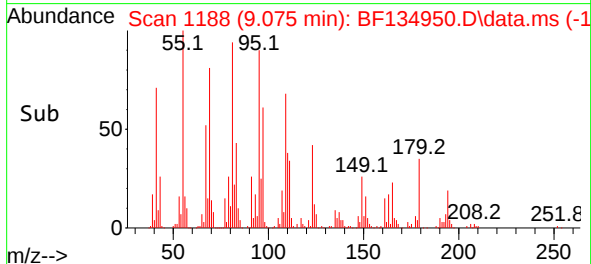
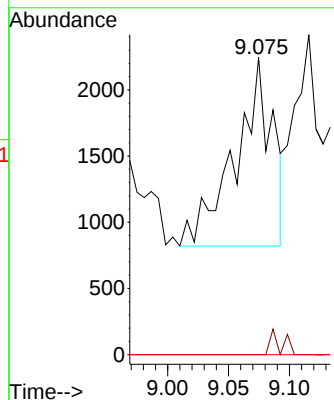
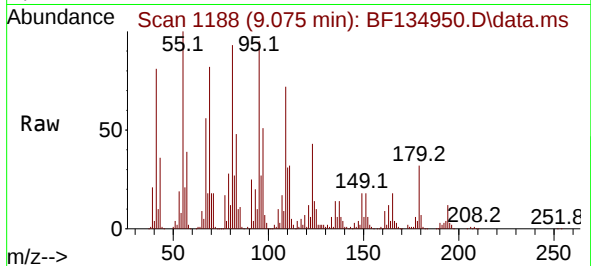




#43
2,4,6-Trichlorophenol
Concen: 2.259 ng
RT: 9.075 min Scan# 1187
Delta R.T. 0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

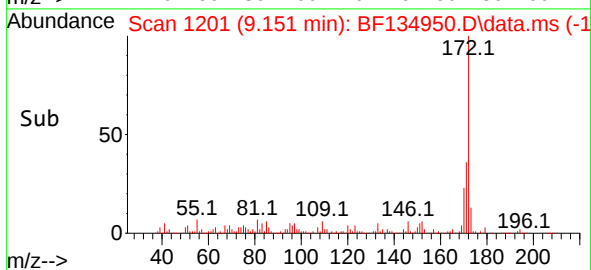
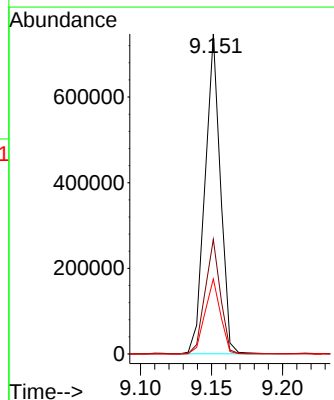
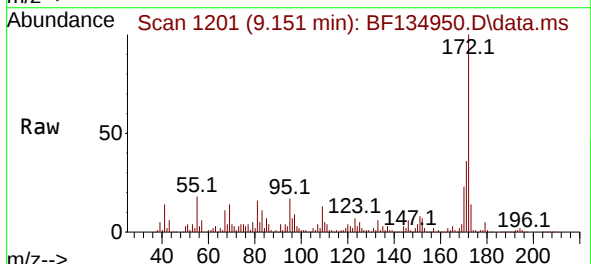
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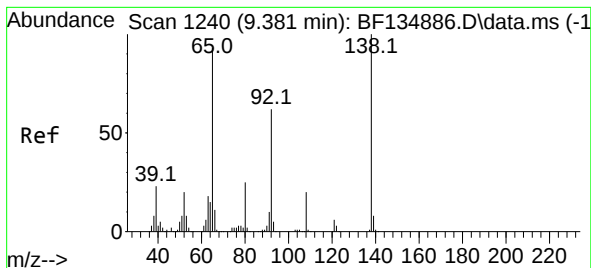
Tgt Ion:196 Resp: 3029
Ion Ratio Lower Upper
196 100
198 0.0 79.8 119.6#
200 0.0 25.8 38.6#



#45
2-Fluorobiphenyl
Concen: 130.935 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:172 Resp: 564371
Ion Ratio Lower Upper
172 100
171 35.8 29.4 44.0
170 23.5 19.6 29.4





#48

2-Nitroaniline

Concen: 13.111 ng

RT: 9.386 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

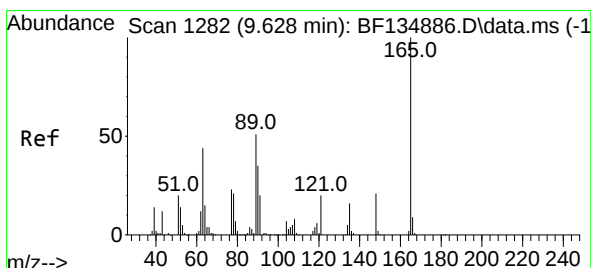
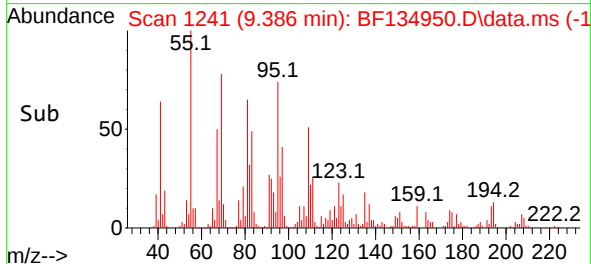
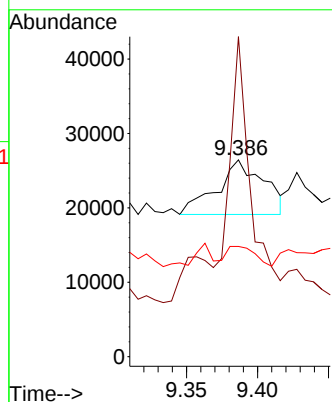
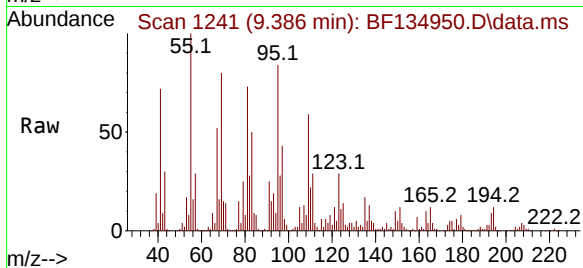
Tgt Ion: 65 Resp: 16932

Ion Ratio Lower Upper

65 100

92 162.6 53.8 80.8#

138 56.0 86.5 129.7#



#51

2,6-Dinitrotoluene

Concen: 17.160 ng

RT: 9.645 min Scan# 1285

Delta R.T. 0.017 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

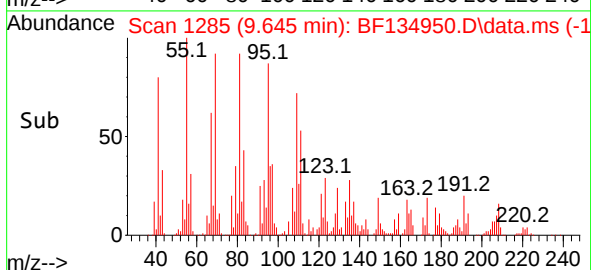
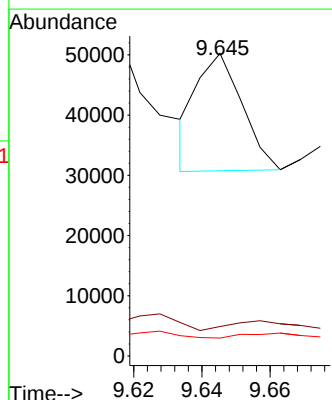
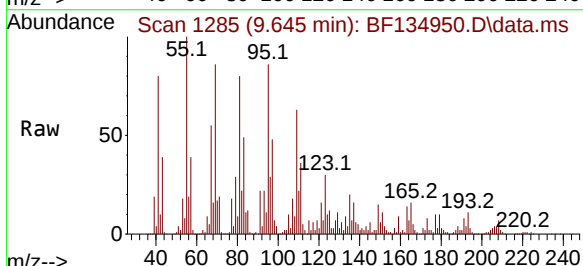
Tgt Ion: 165 Resp: 17951

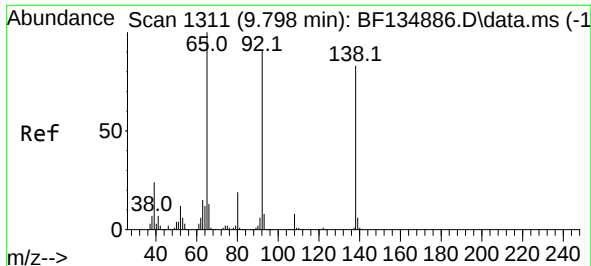
Ion Ratio Lower Upper

165 100

63 9.7 41.4 62.2#

89 5.9 40.9 61.3#

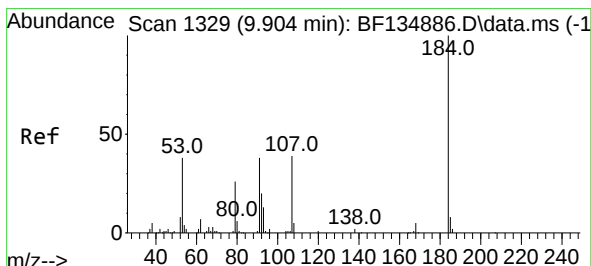
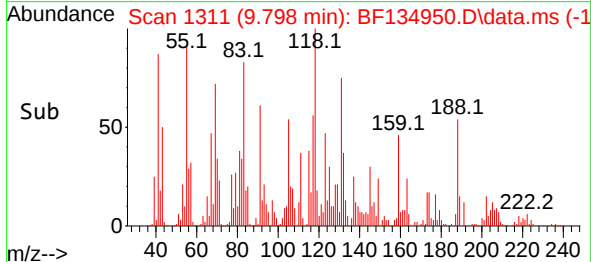
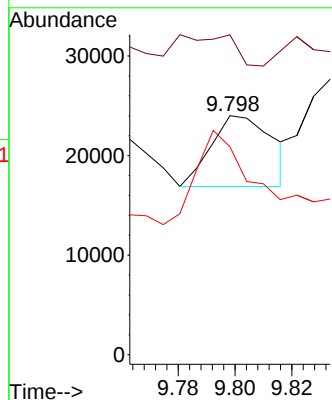
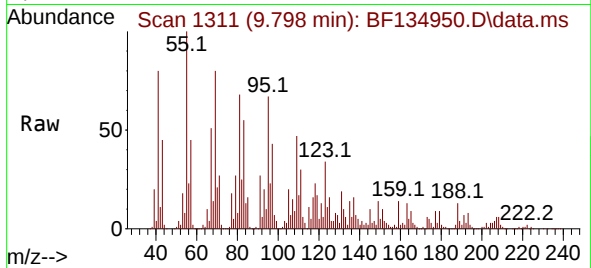




#53
3-Nitroaniline
Concen: 9.328 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

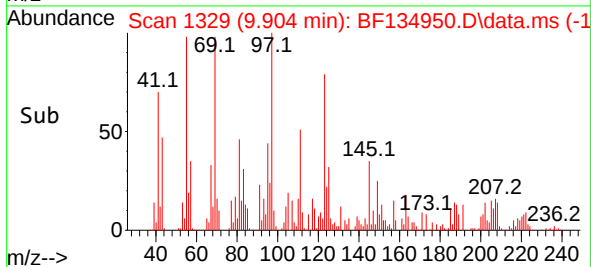
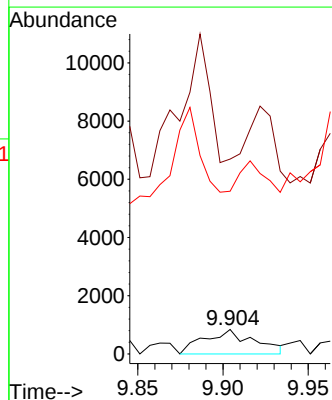
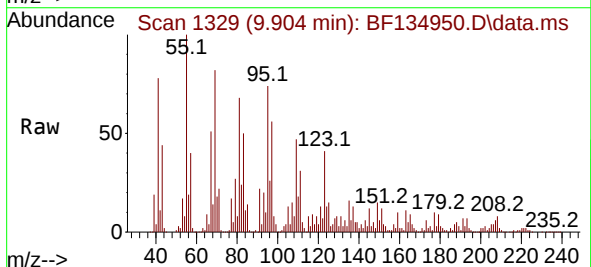
Instrument :
BNA_F
ClientSampleId :
WC-1

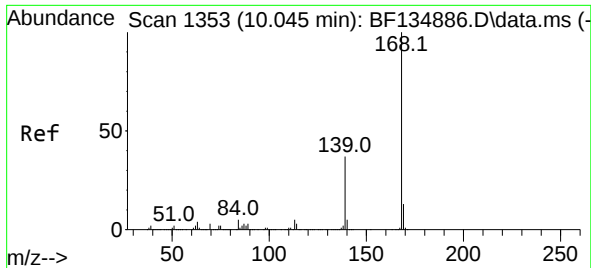
Tgt Ion:138 Resp: 10658
Ion Ratio Lower Upper
138 100
108 133.8 8.0 12.0#
92 86.9 87.6 131.4#



#54
2,4-Dinitrophenol
Concen: 3.455 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:184 Resp: 1710
Ion Ratio Lower Upper
184 100
63 798.2 42.8 64.2#
154 666.0 48.0 72.0#

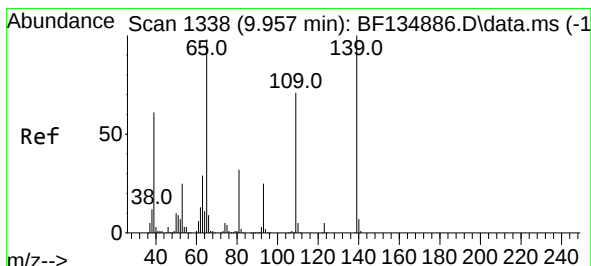
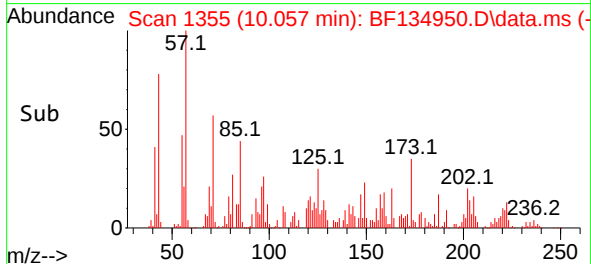
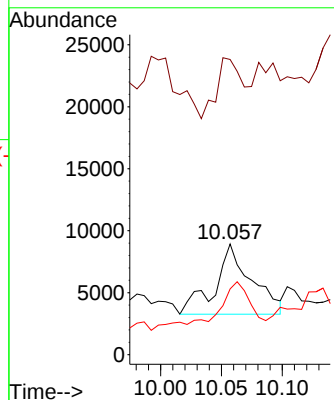
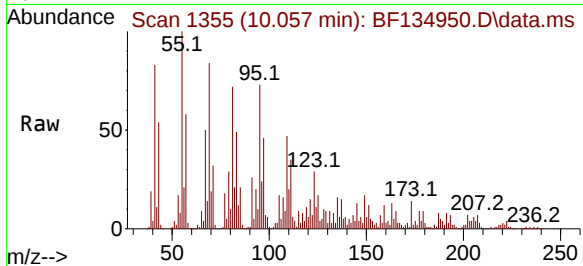




#55
Dibenzenofuran
Concen: 2.133 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

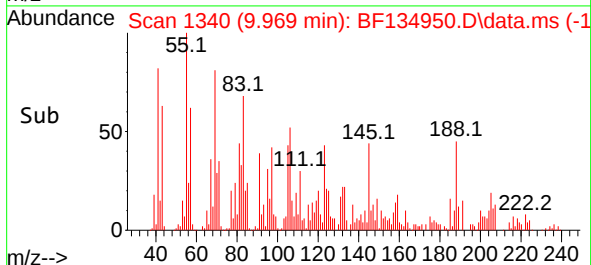
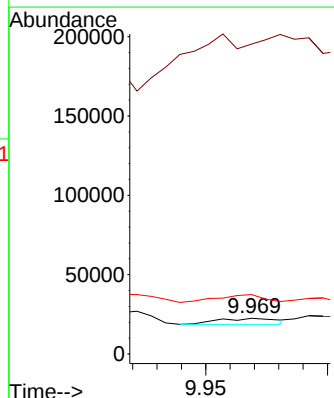
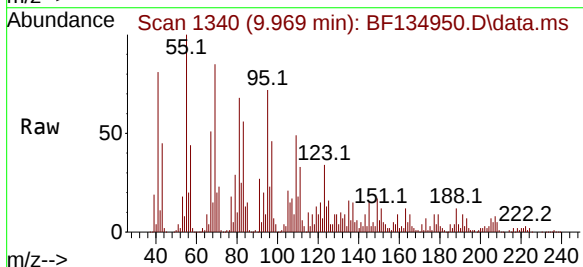
Instrument :
BNA_F
ClientSampleId :
WC-1

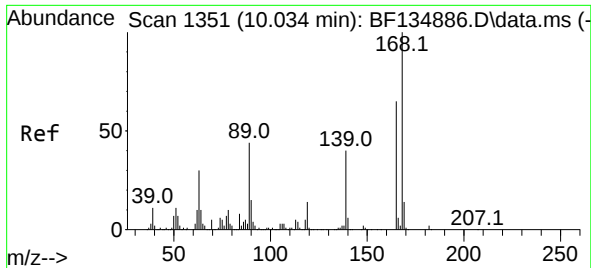
Tgt Ion:168 Resp: 11839
Ion Ratio Lower Upper
168 100
139 266.7 29.5 44.3#
169 59.4 10.7 16.1#



#56
4-Nitrophenol
Concen: 8.211 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:139 Resp: 6538
Ion Ratio Lower Upper
139 100
109 869.2 51.0 91.0#
65 166.4 78.5 118.5#

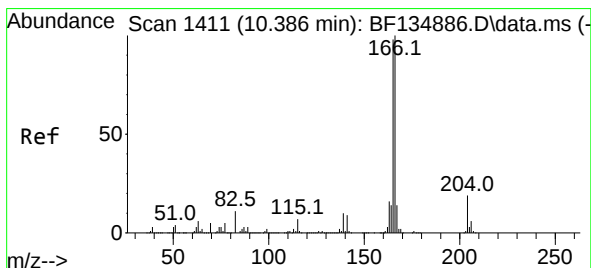
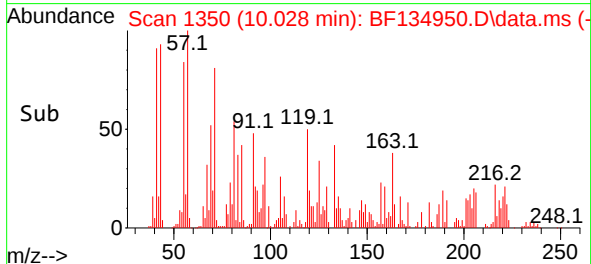
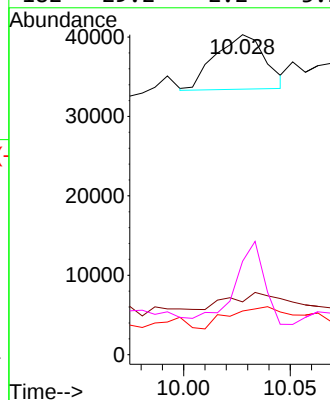
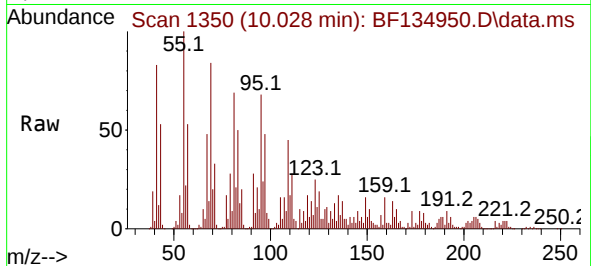




#57
2,4-Dinitrotoluene
Concen: 8.643 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

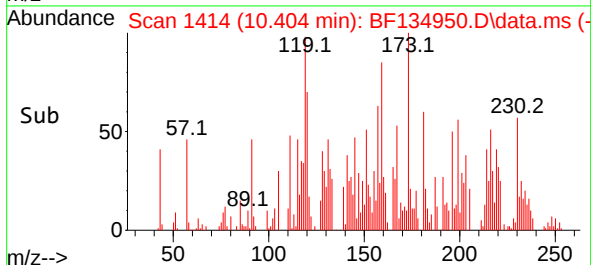
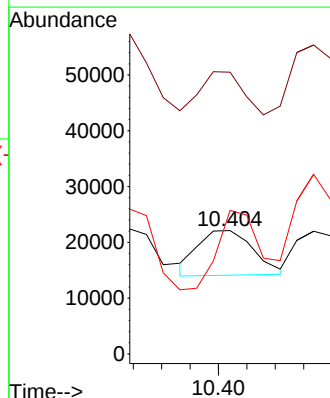
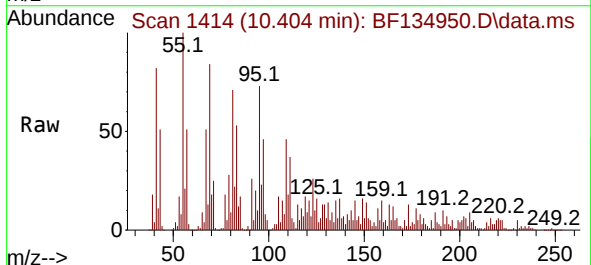
Instrument :
BNA_F
ClientSampleId :
WC-1

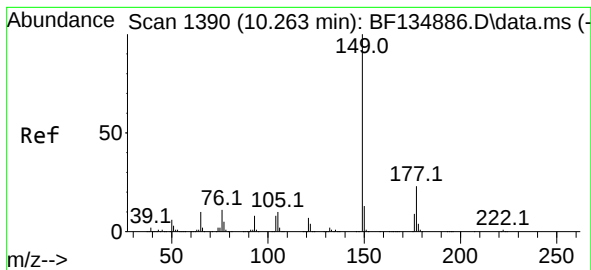
Tgt Ion:165 Resp: 11182
Ion Ratio Lower Upper
165 100
63 16.5 37.7 56.5#
89 13.6 54.2 81.4#
182 29.2 2.2 3.2#



#58
Fluorene
Concen: 2.570 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.018 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:166 Resp: 10818
Ion Ratio Lower Upper
166 100
165 228.3 78.5 117.7#
167 116.3 11.0 16.6#

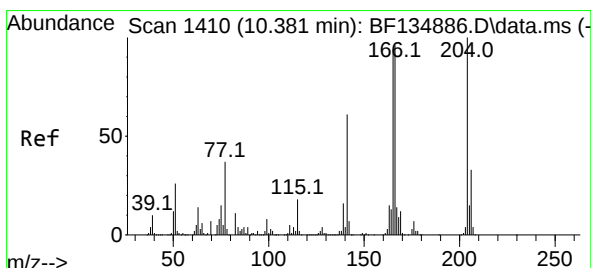
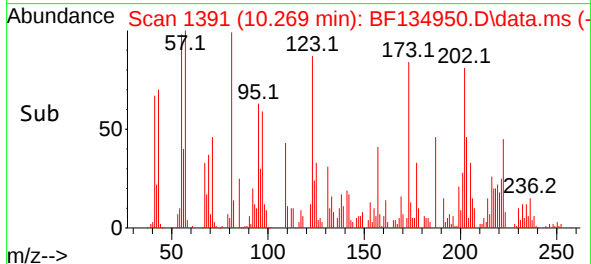
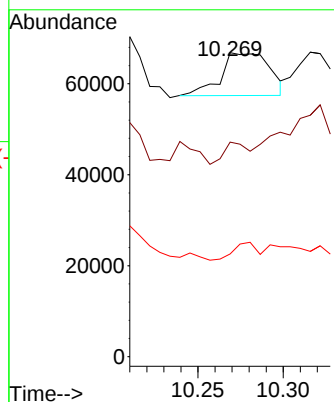
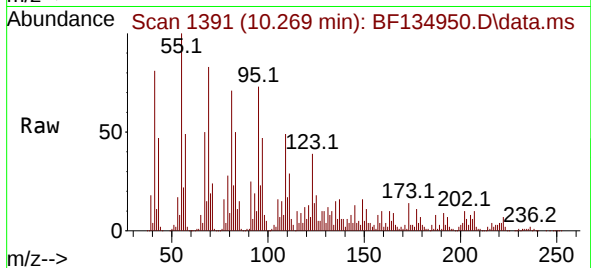




#60
Diethylphthalate
Concen: 4.319 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

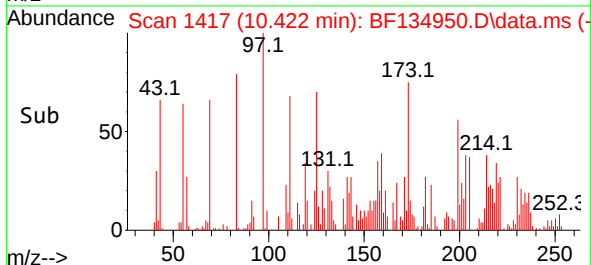
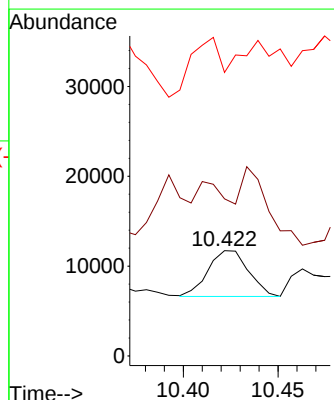
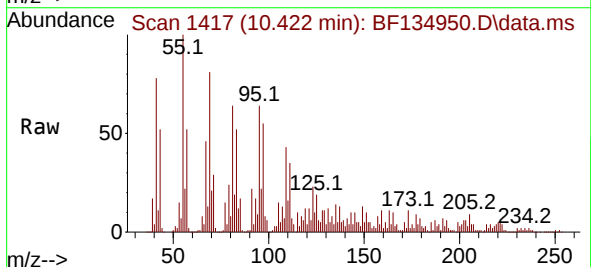
Instrument :
BNA_F
ClientSampleId :
WC-1

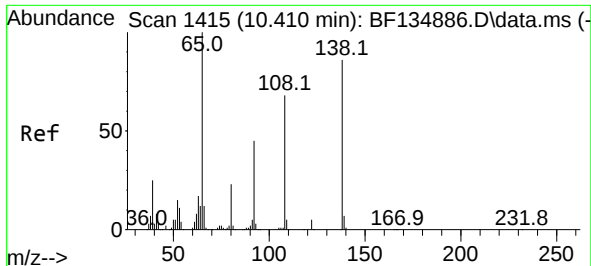
Tgt Ion:149 Resp: 18767
Ion Ratio Lower Upper
149 100
177 70.6 18.4 27.6#
150 33.8 10.3 15.5#



#61
4-Chlorophenyl-phenylether
Concen: 3.586 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.041 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:204 Resp: 7566
Ion Ratio Lower Upper
204 100
206 149.3 26.3 39.5#
141 269.3 48.6 73.0#

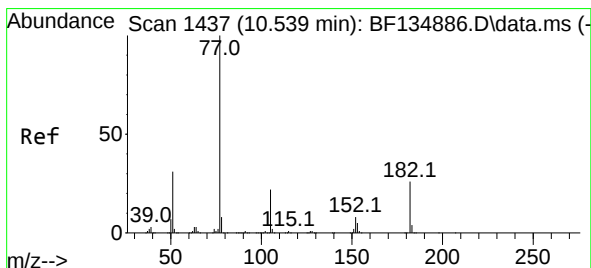
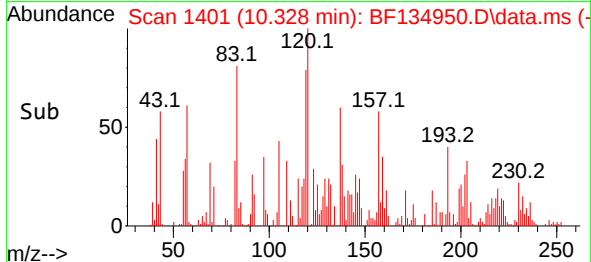
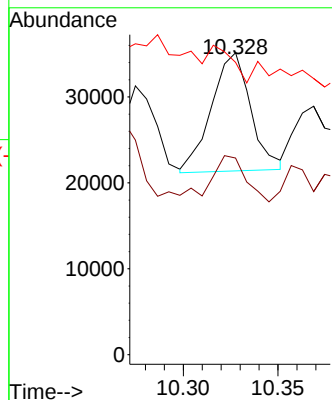
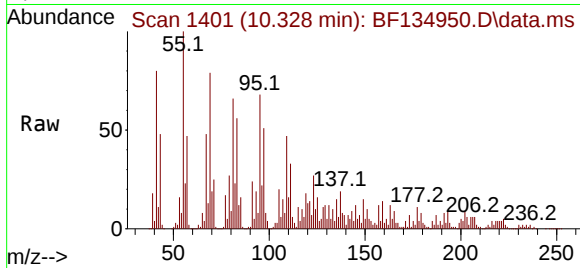




#62
4-Nitroaniline
Concen: 18.595 ng
RT: 10.328 min Scan# 1415
Delta R.T. -0.082 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

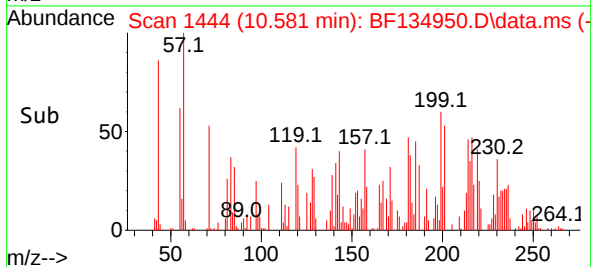
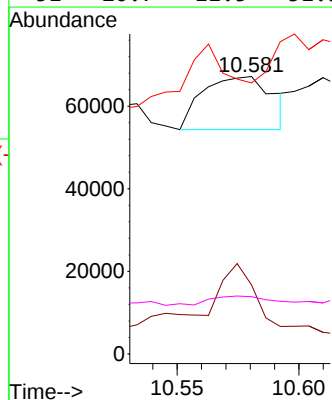
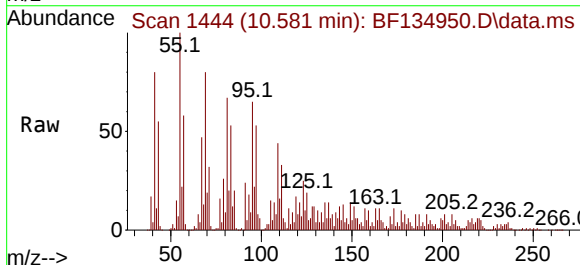
Instrument :
BNA_F
ClientSampleId :
WC-1

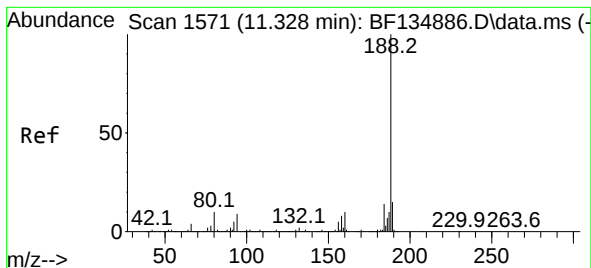
Tgt Ion:138 Resp: 19862
Ion Ratio Lower Upper
138 100
92 65.1 32.5 72.5
108 96.8 58.6 98.6



#63
Azobenzene
Concen: 5.935 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.042 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion: 77 Resp: 25623
Ion Ratio Lower Upper
77 100
182 24.9 5.8 45.8
105 97.7 1.6 41.6#
51 20.7 11.5 51.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

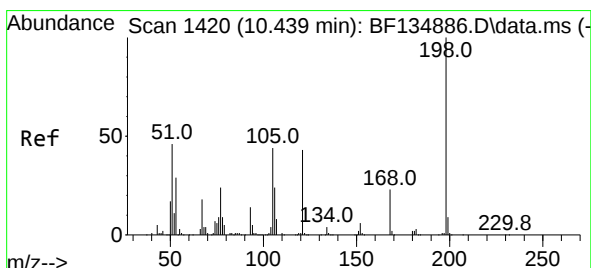
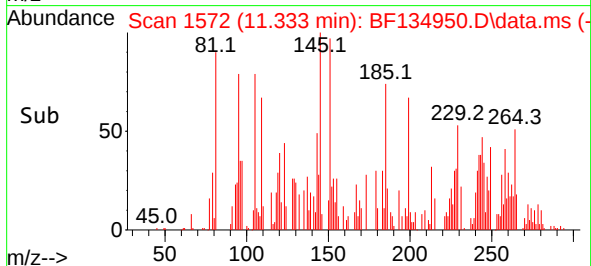
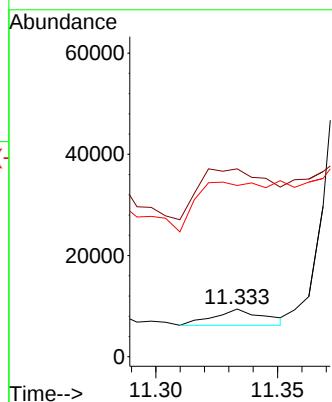
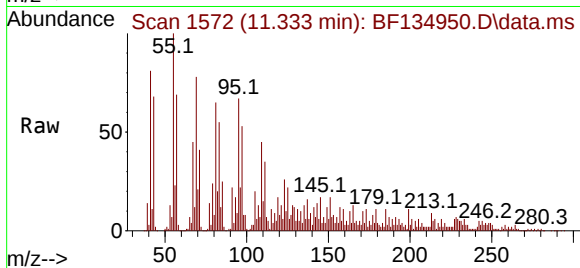
Tgt Ion:188 Resp: 4609

Ion Ratio Lower Upper

188 100

94 393.6 7.5 11.3#

80 358.8 7.8 11.6#



#65

4,6-Dinitro-2-methylphenol

Concen: 106.560 ng

RT: 10.433 min Scan# 1419

Delta R.T. -0.006 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

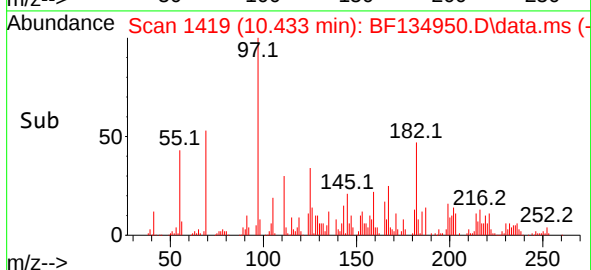
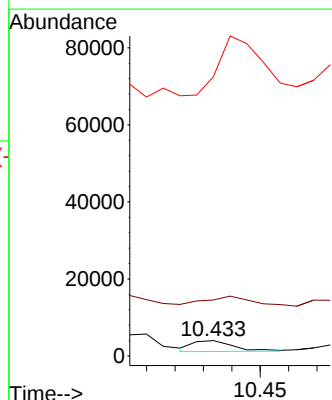
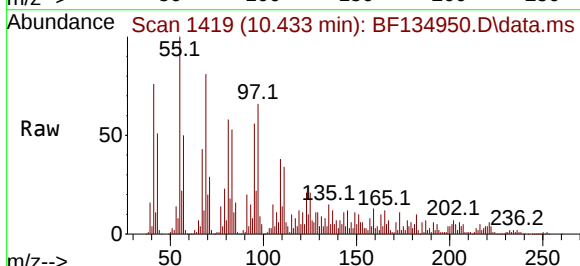
Tgt Ion:198 Resp: 2898

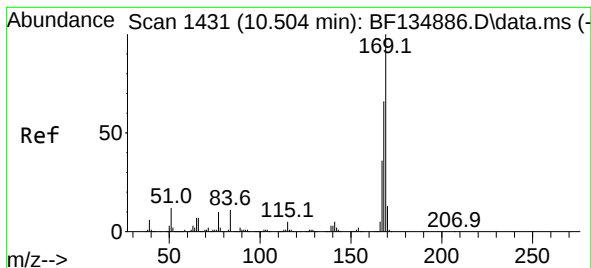
Ion Ratio Lower Upper

198 100

51 364.7 30.3 70.3#

105 1817.3 24.5 64.5#





#66

n-Nitrosodiphenylamine

Concen: 55.140 ng

RT: 10.475 min Scan# 1426

Delta R.T. -0.029 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

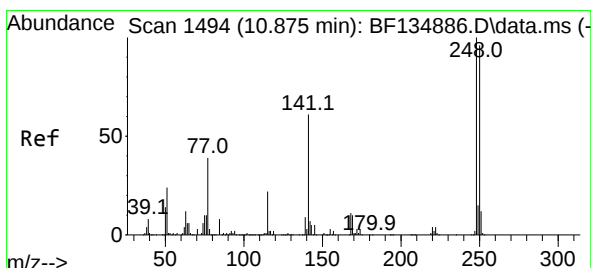
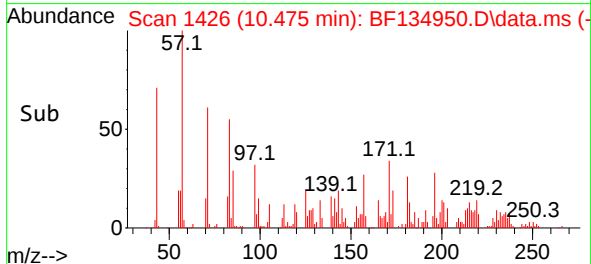
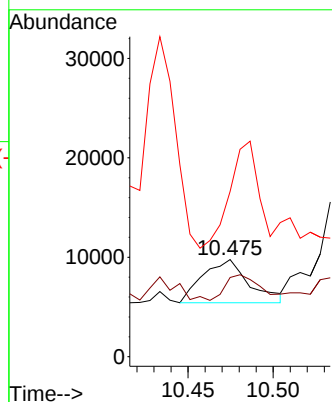
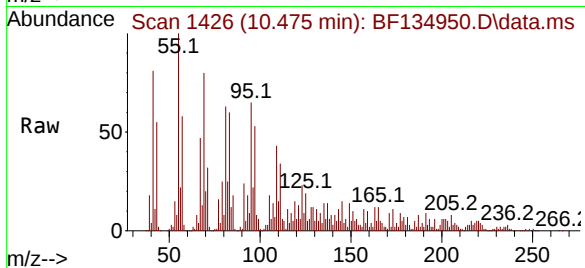
Tgt Ion:169 Resp: 8184

Ion Ratio Lower Upper

169 100

168 81.6 53.0 79.6#

167 170.1 29.0 43.6#



#67

4-Bromophenyl-phenylether

Concen: 36.070 ng

RT: 10.904 min Scan# 1499

Delta R.T. 0.029 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

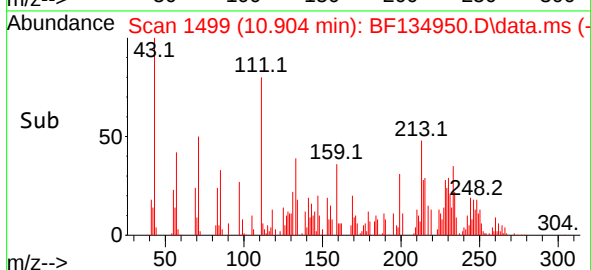
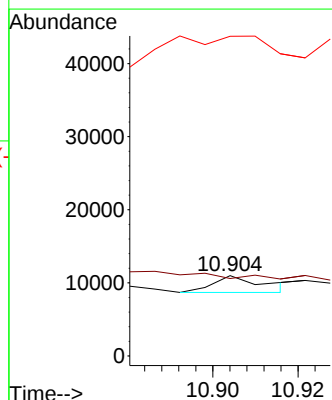
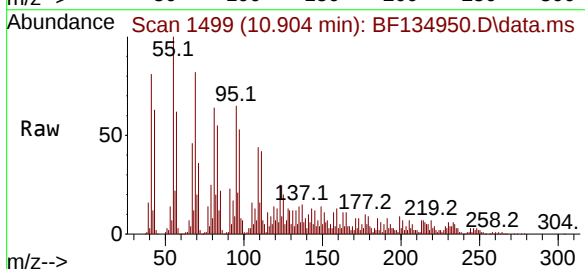
Tgt Ion:248 Resp: 1918

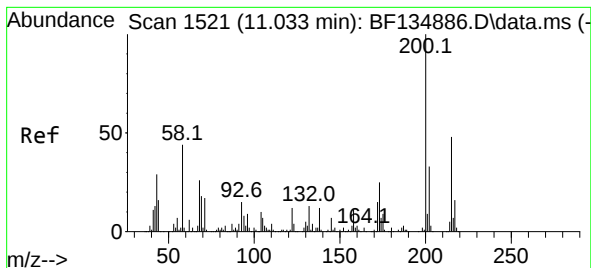
Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

141 398.3 49.0 73.4#





#69

Atrazine

Concen: 215.043 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

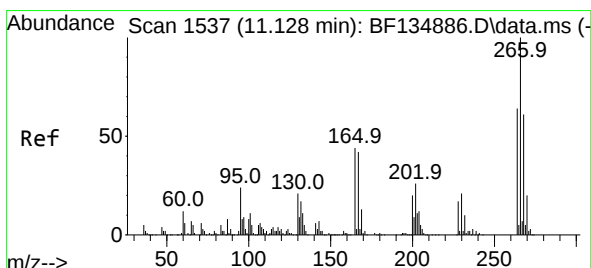
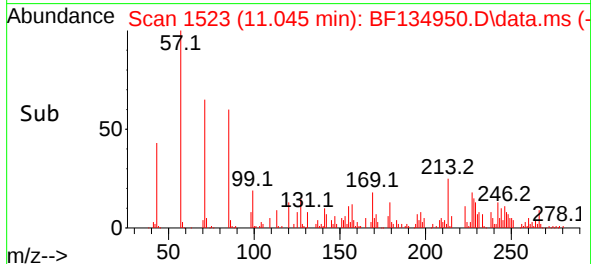
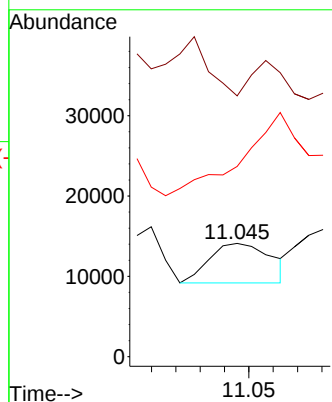
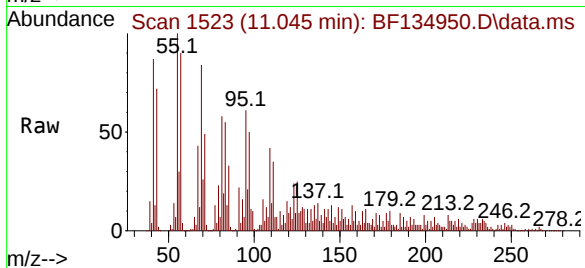
Tgt Ion:200 Resp: 8667

Ion Ratio Lower Upper

200 100

173 230.2 5.3 45.3#

215 167.9 28.3 68.3#



#70

Pentachlorophenol

Concen: 203.886 ng

RT: 11.228 min Scan# 1554

Delta R.T. 0.100 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

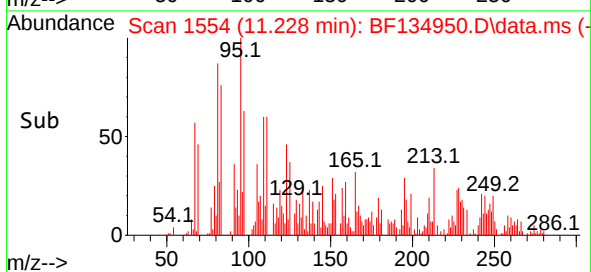
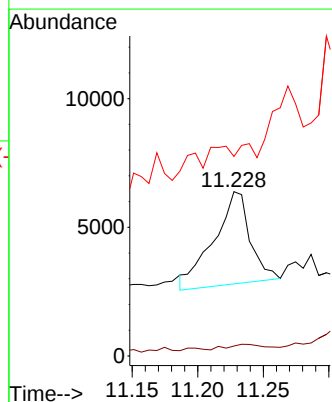
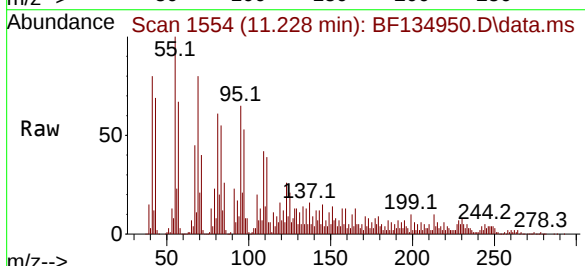
Tgt Ion:266 Resp: 6939

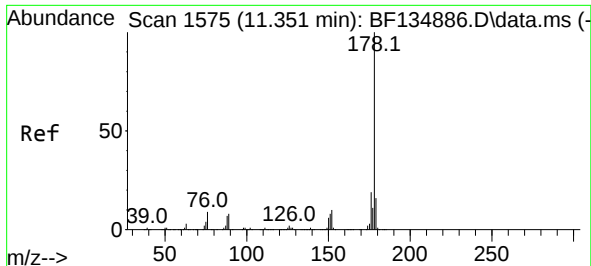
Ion Ratio Lower Upper

266 100

268 6.1 48.9 73.3#

264 121.4 51.0 76.6#

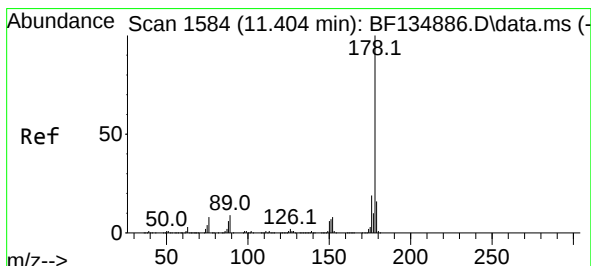
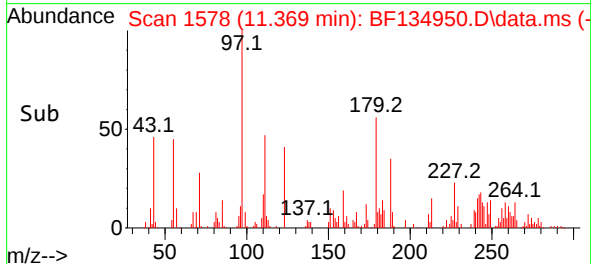
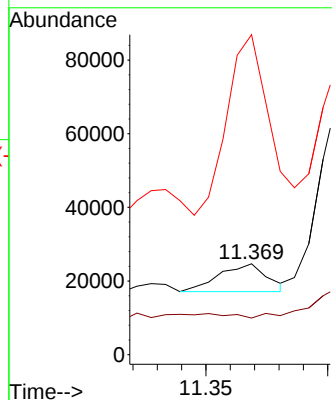
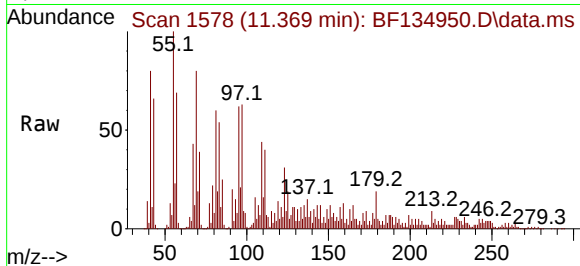




#71
Phenanthrene
Concen: 42.978 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.018 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

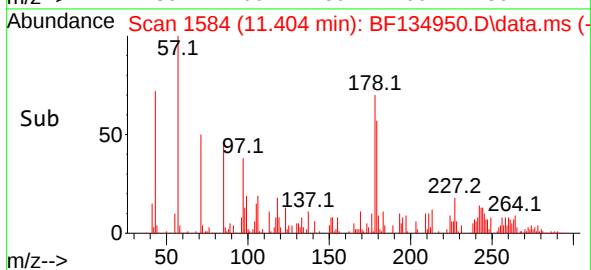
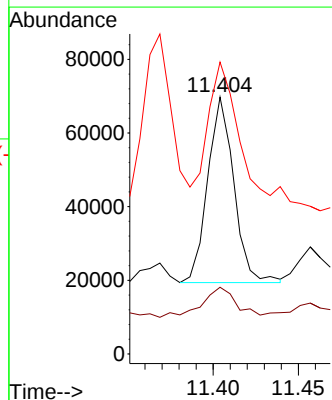
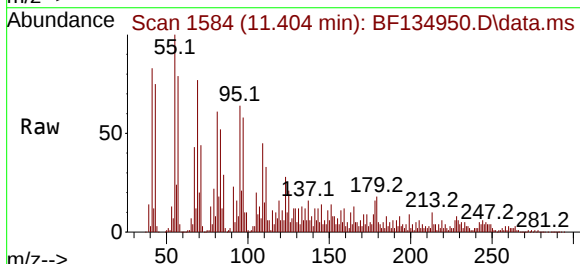
Instrument :
BNA_F
ClientSampleId :
WC-1

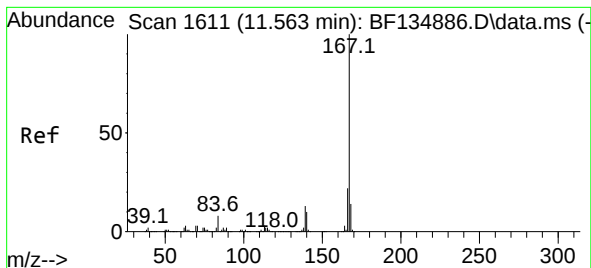
Tgt Ion:178 Resp: 10380
Ion Ratio Lower Upper
178 100
176 40.3 15.5 23.3#
179 351.9 12.6 19.0#



#72
Anthracene
Concen: 217.465 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF134950.D
Acq: 25 Aug 2023 20:12

Tgt Ion:178 Resp: 53814
Ion Ratio Lower Upper
178 100
176 26.0 15.0 22.6#
179 113.7 12.5 18.7#





#73

Carbazole

Concen: 17.547 ng

RT: 11.563 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

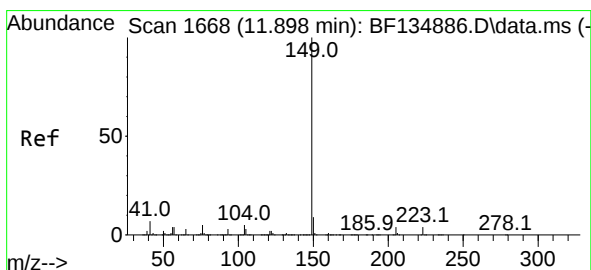
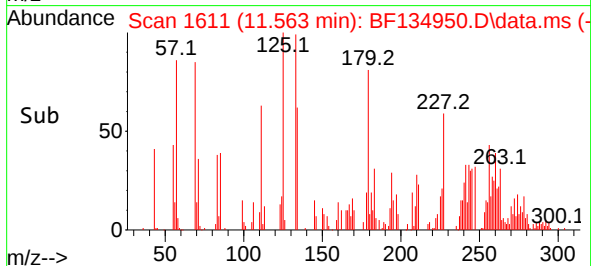
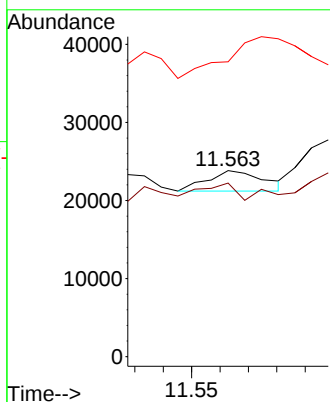
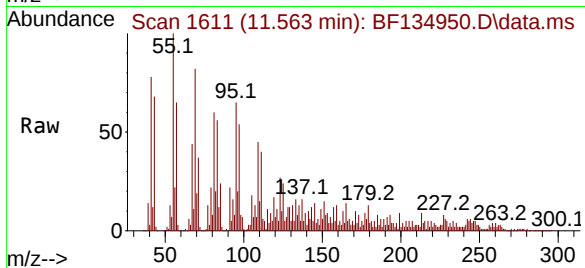
Tgt Ion:167 Resp: 3578

Ion Ratio Lower Upper

167 100

166 93.3 17.4 26.2#

139 158.4 10.4 15.6#



#74

Di-n-butylphthalate

Concen: 59.051 ng

RT: 11.875 min Scan# 1664

Delta R.T. -0.024 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

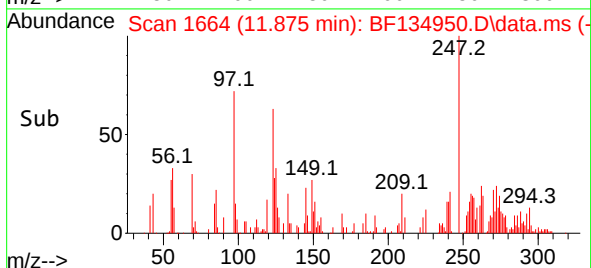
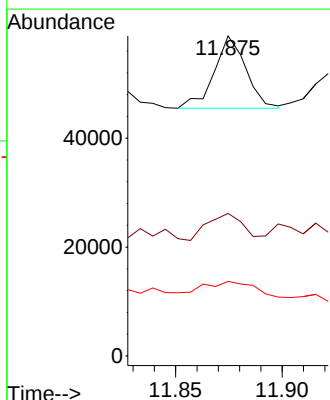
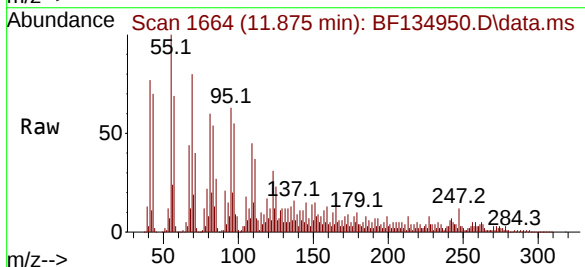
Tgt Ion:149 Resp: 13810

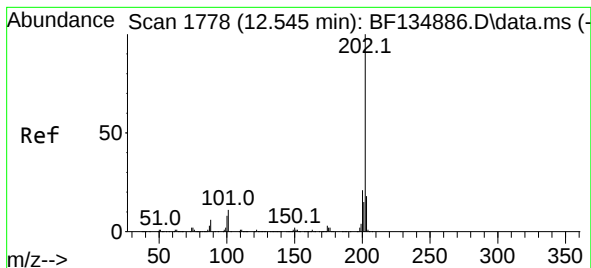
Ion Ratio Lower Upper

149 100

150 44.6 7.4 11.2#

104 23.3 4.1 6.1#





#75

Fluoranthene

Concen: 17.422 ng

RT: 12.557 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

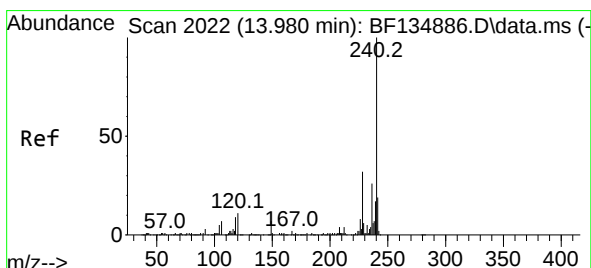
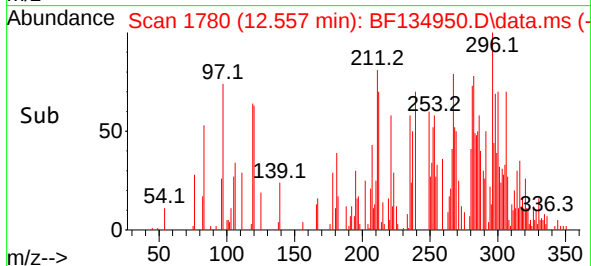
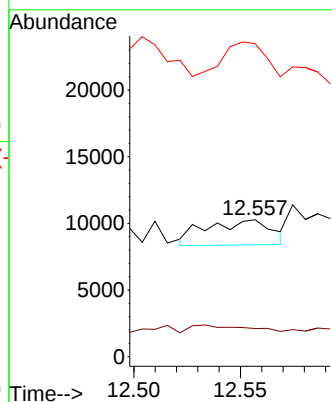
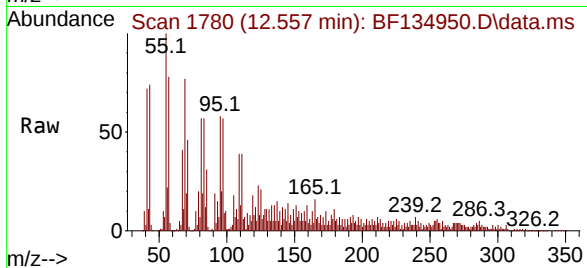
Tgt Ion:202 Resp: 3987

Ion Ratio Lower Upper

202 100

101 20.6 0.0 30.5

203 228.7 0.0 37.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. 0.047 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

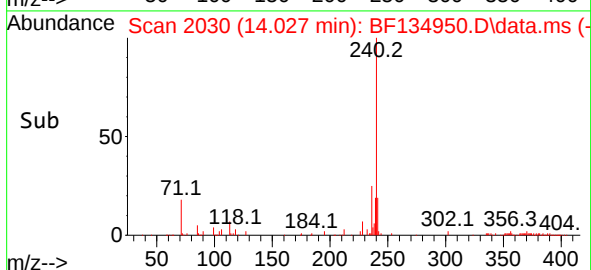
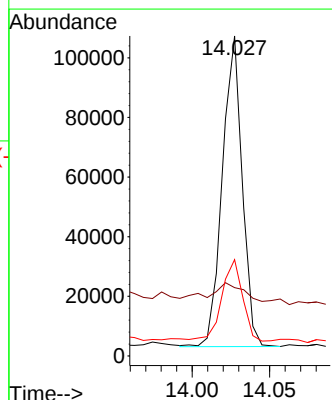
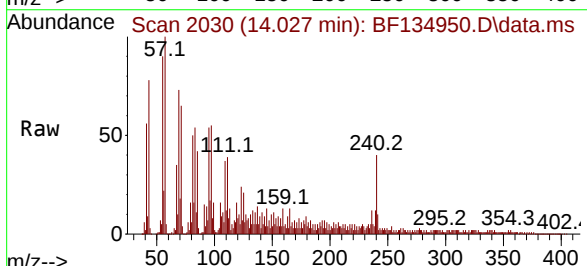
Tgt Ion:240 Resp: 92858

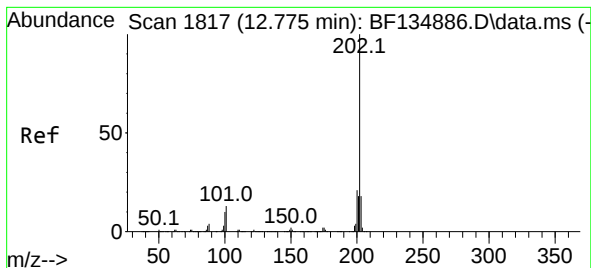
Ion Ratio Lower Upper

240 100

120 21.4 8.6 12.8#

236 30.1 20.6 31.0





#78

Pyrene

Concen: 6.431 ng

RT: 12.845 min Scan# 1829

Delta R.T. 0.071 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

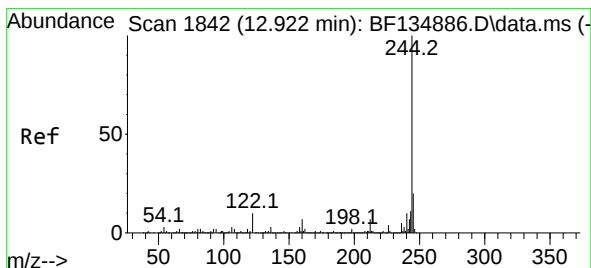
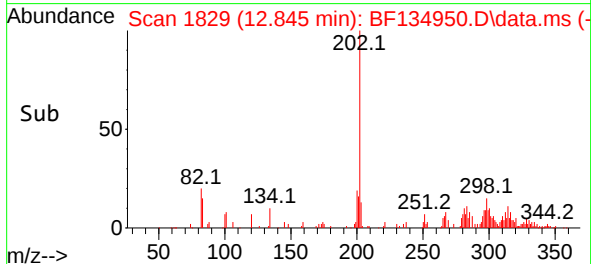
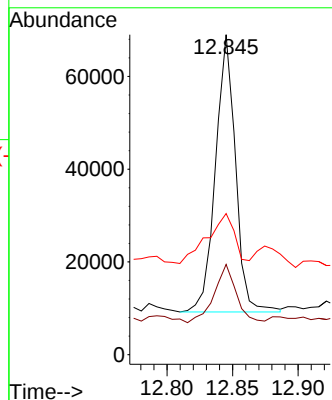
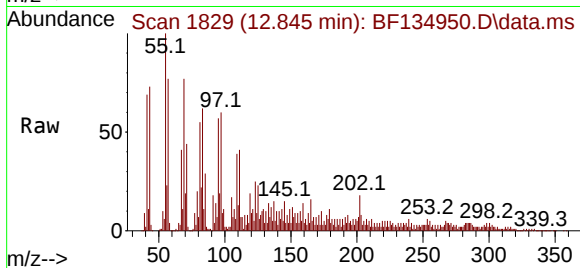
Tgt Ion:202 Resp: 63311

Ion Ratio Lower Upper

202 100

200 28.2 17.1 25.7#

203 44.1 14.2 21.2#



#79

Terphenyl-d14

Concen: 52.436 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.058 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

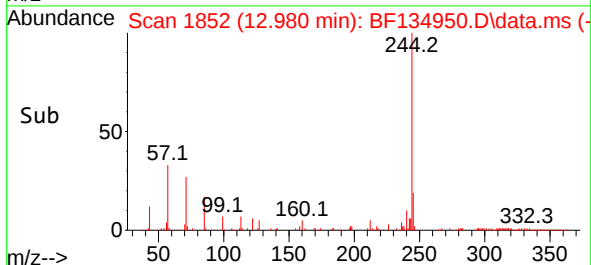
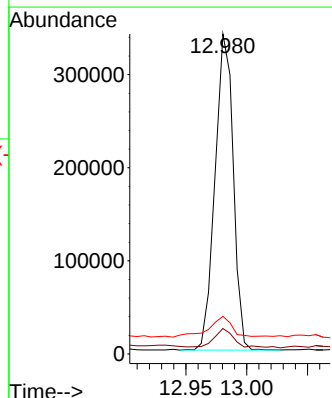
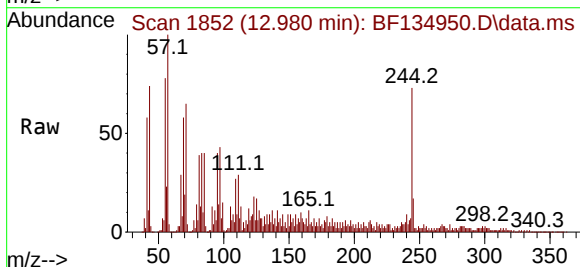
Tgt Ion:244 Resp: 354010

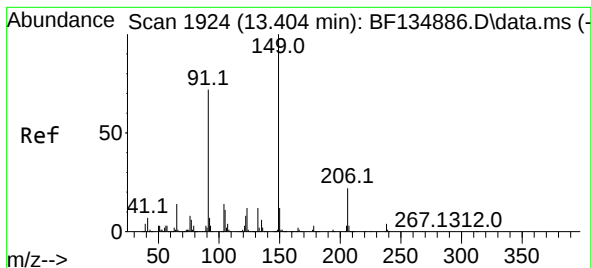
Ion Ratio Lower Upper

244 100

212 7.9 5.4 8.0

122 11.8 8.2 12.4





#80

Butylbenzylphthalate

Concen: 2.858 ng

RT: 13.439 min Scan# 1924

Delta R.T. 0.035 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

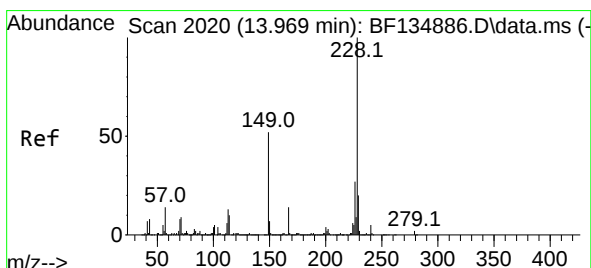
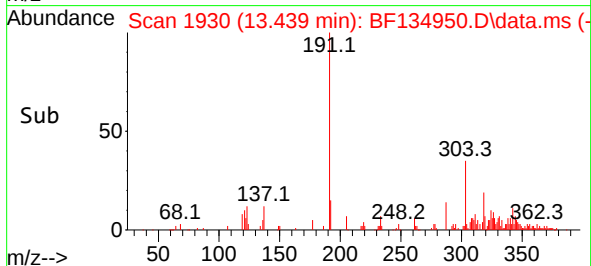
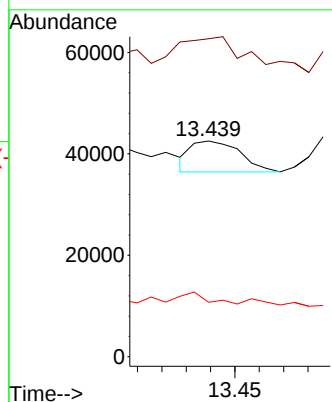
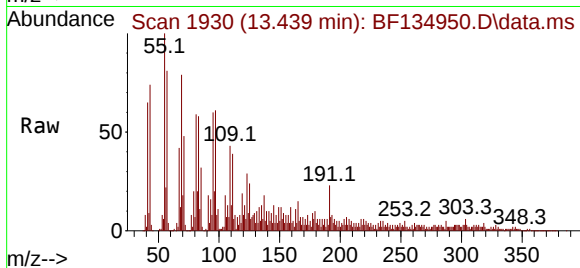
Tgt Ion:149 Resp: 8573

Ion Ratio Lower Upper

149 100

91 147.4 57.2 85.8#

206 25.2 18.0 27.0



#81

Benzo(a)anthracene

Concen: 7.290 ng

RT: 14.016 min Scan# 2028

Delta R.T. 0.047 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

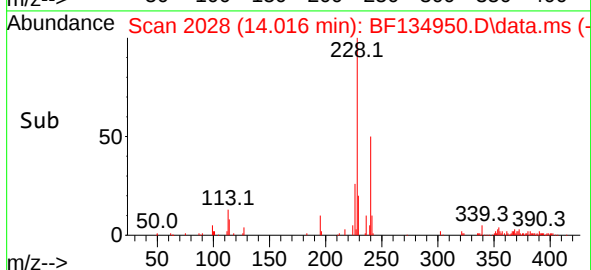
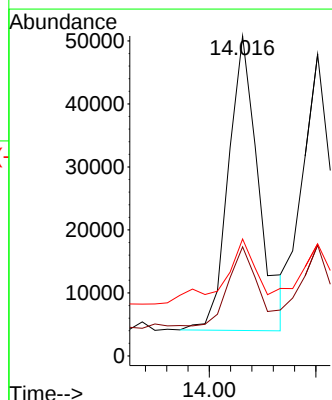
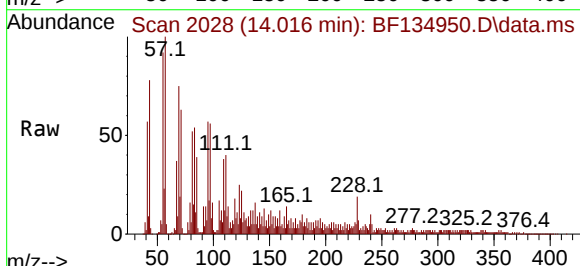
Tgt Ion:228 Resp: 46184

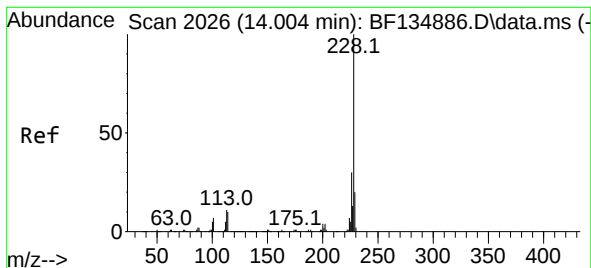
Ion Ratio Lower Upper

228 100

226 34.1 21.8 32.6#

229 36.5 15.6 23.4#





#83

Chrysene

Concen: 6.671 ng

RT: 14.051 min Scan# 20

Delta R.T. 0.047 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

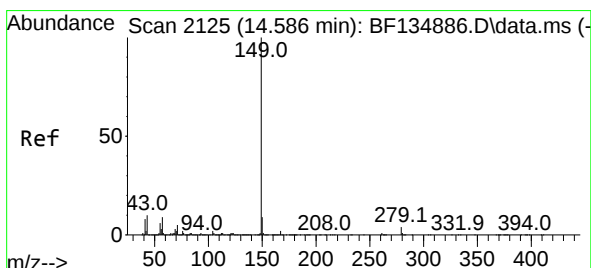
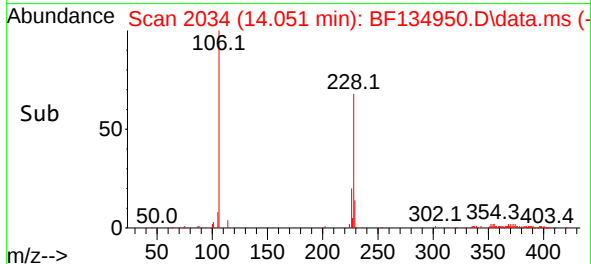
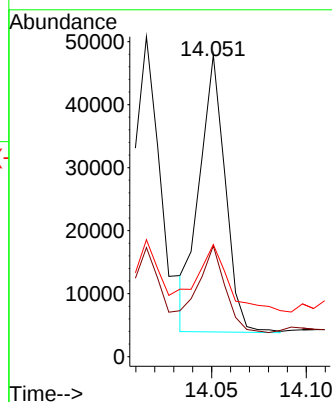
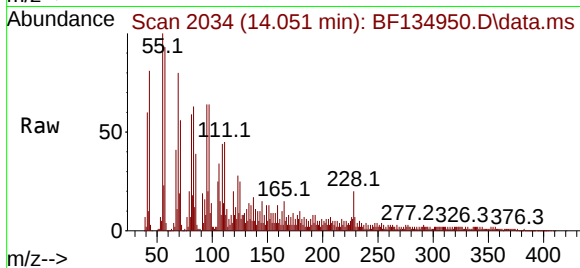
Tgt Ion:228 Resp: 41700

Ion Ratio Lower Upper

228 100

226 36.7 24.2 36.2#

229 37.2 16.0 24.0#



#85

Di-n-octyl phthalate

Concen: 3.266 ng

RT: 14.616 min Scan# 2130

Delta R.T. 0.029 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

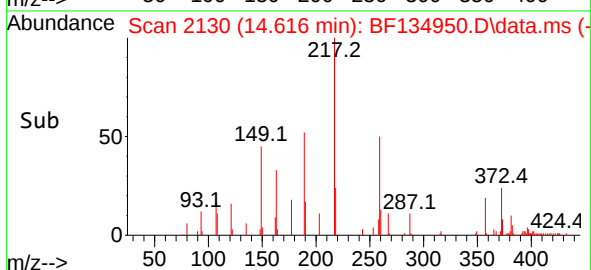
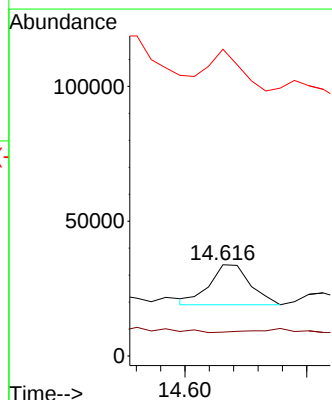
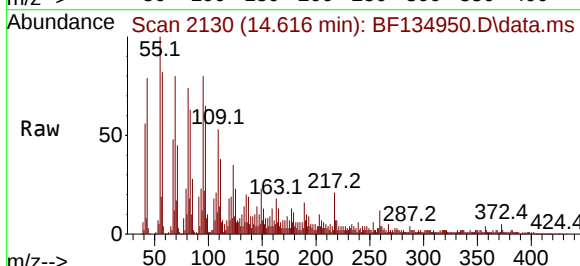
Tgt Ion:149 Resp: 17304

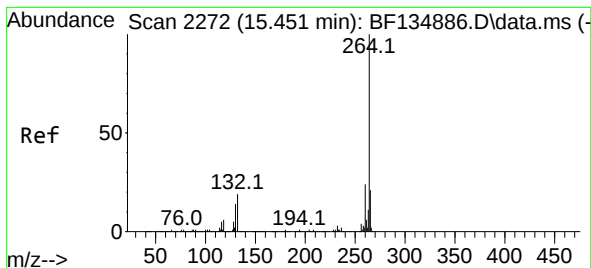
Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

43 0.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

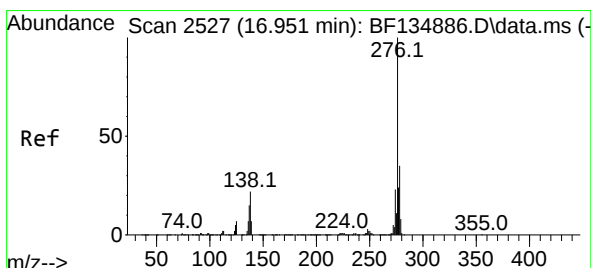
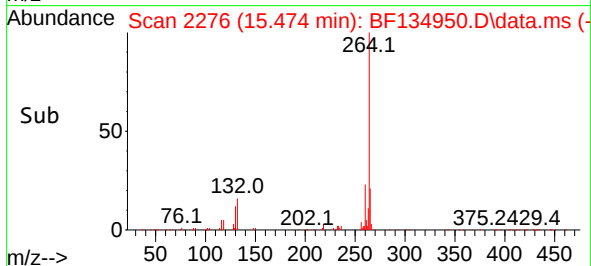
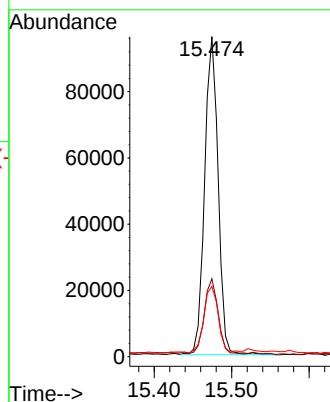
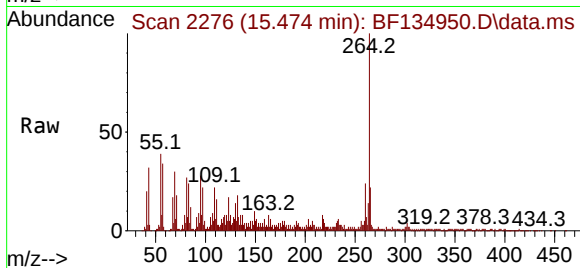
Tgt Ion:264 Resp: 116077

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.0 17.1 25.7



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.249 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.006 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

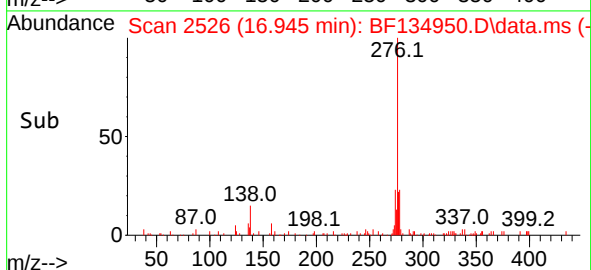
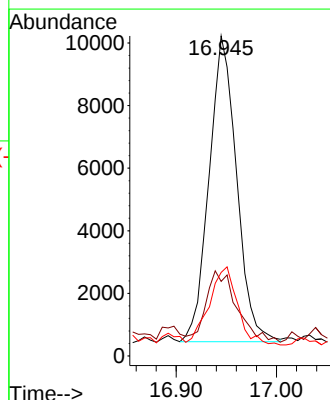
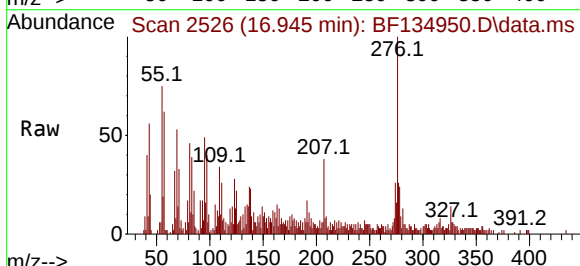
Tgt Ion:276 Resp: 18657

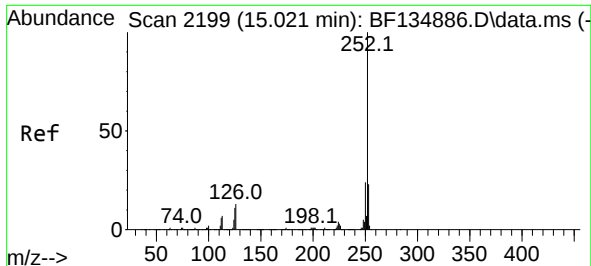
Ion Ratio Lower Upper

276 100

138 26.0 19.7 29.5

277 26.3 20.1 30.1





#88

Benzo(b)fluoranthene

Concen: 12.113 ng

RT: 15.051 min Scan# 2199

Delta R.T. 0.029 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

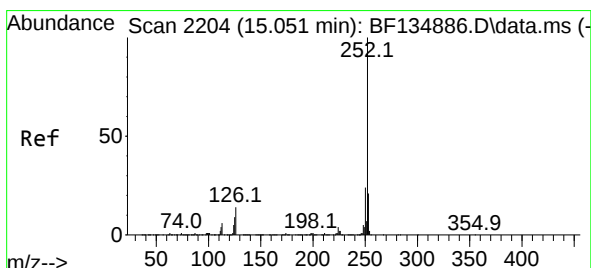
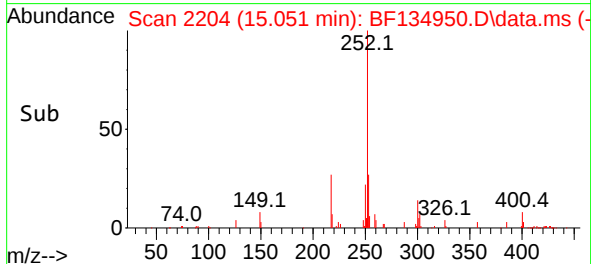
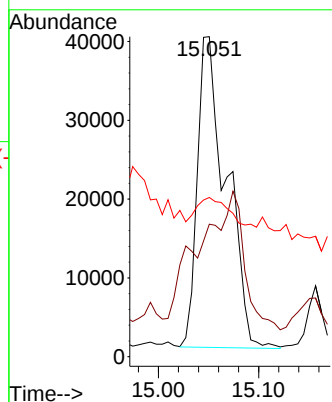
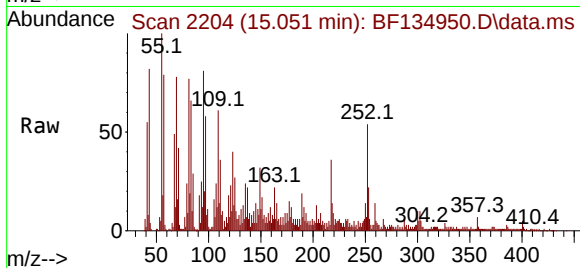
Tgt Ion:252 Resp: 79327

Ion Ratio Lower Upper

252 100

253 41.4 18.1 27.1#

125 49.7 8.4 12.6#



#89

Benzo(k)fluoranthene

Concen: 12.335 ng

RT: 15.051 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

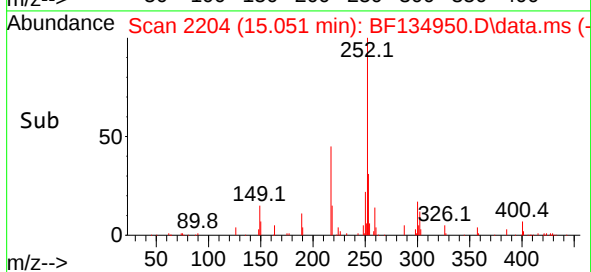
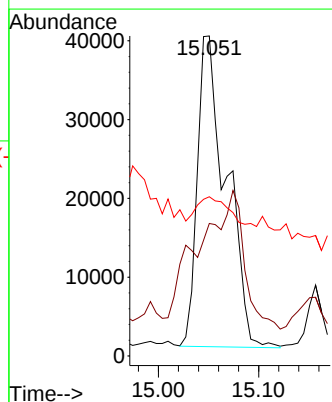
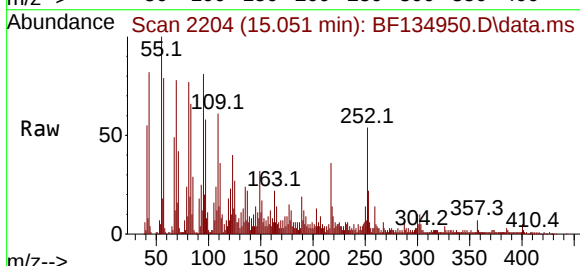
Tgt Ion:252 Resp: 79327

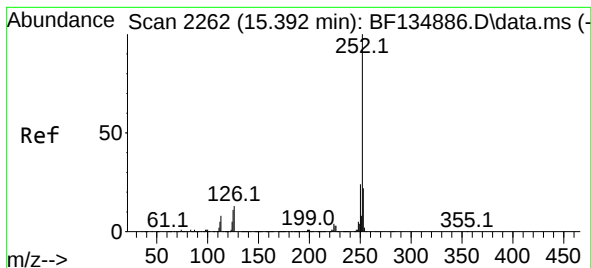
Ion Ratio Lower Upper

252 100

253 41.4 17.1 25.7#

125 49.7 8.0 12.0#





#90

Benzo(a)pyrene

Concen: 5.828 ng

RT: 15.410 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Instrument :

BNA_F

ClientSampleId :

WC-1

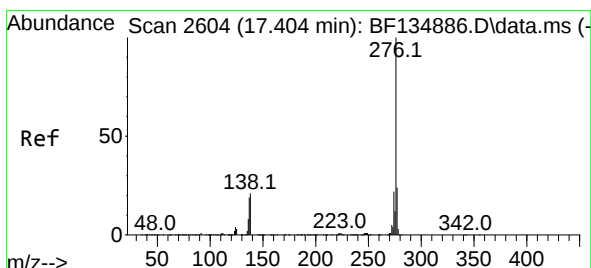
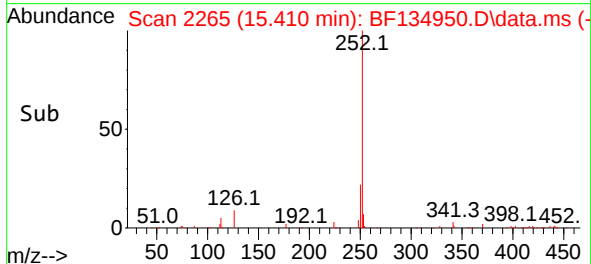
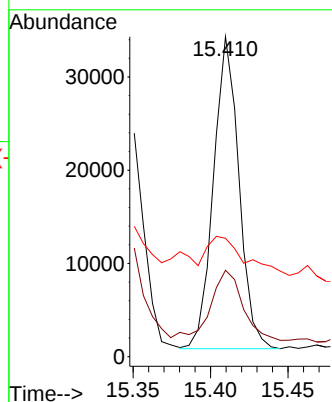
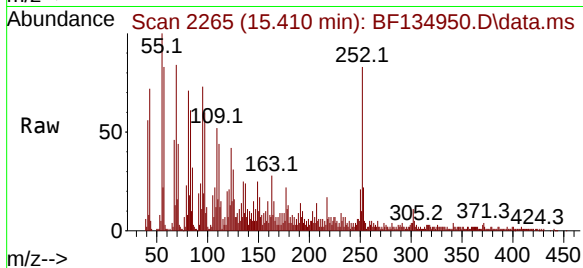
Tgt Ion:252 Resp: 38101

Ion Ratio Lower Upper

252 100

253 27.0 17.6 26.4#

125 37.0 8.4 12.6#



#92

Benzo(g,h,i)perylene

Concen: 2.625 ng

RT: 17.392 min Scan# 2602

Delta R.T. -0.012 min

Lab File: BF134950.D

Acq: 25 Aug 2023 20:12

Tgt Ion:276 Resp: 18038

Ion Ratio Lower Upper

276 100

277 22.8 19.2 28.8

138 25.6 17.0 25.6#

