

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136260.D
 Acq On : 28 Nov 2023 21:05
 Operator : CG\JU
 Sample : 05540-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023

Quant Time: Nov 29 00:49:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.81
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.09
39) Acenaphthene-d10	9.828	164	58	20.000	ng	#-0.02
64) Phenanthrene-d10	11.328	188	80	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	1272	20.000	ng	#-0.03
86) Perylene-d12	15.439	264	2577	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1005917	0.000	ng	0.00
7) Phenol-d6	6.440	99	1218185	0.000	ng	0.00
23) Nitrobenzene-d5	7.363	82	757384	0.000	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	261321	368525.733	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	1430173	314959.647	ng	-0.01
79) Terphenyl-d14	12.927	244	987289	8953.039	ng	0.00
Target Compounds						
						Qvalue
46) 1,1'-Biphenyl	9.257	154	753	147.222	ng	91
47) 2-Chloronaphthalene	9.328	162	56	14.099	ng	# 41
48) 2-Nitroaniline	9.410	65	63	60.750	ng	# 8
49) Acenaphthylene	9.692	152	10043	1771.768	ng	# 88
50) Dimethylphthalate	9.557	163	126	28.743	ng	# 79
51) 2,6-Dinitrotoluene	9.592	165	80	89.329	ng	# 33
52) Acenaphthene	9.869	154	3092	863.184	ng	89
53) 3-Nitroaniline	9.945	138	56	63.019	ng	# 1
55) Dibenzofuran	10.039	168	3202	600.718	ng	# 84
56) 4-Nitrophenol	9.939	139	55	81.493	ng	# 3
57) 2,4-Dinitrotoluene	10.022	165	57	47.648	ng	# 26
58) Fluorene	10.386	166	7866	1881.362	ng	# 96
60) Diethylphthalate	10.257	149	1097	250.163	ng	# 85
62) 4-Nitroaniline	10.386	138	53	60.933	ng	# 17
63) Azobenzene	10.557	77	288	70.843	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.628	198	511	1168.058	ng	# 1
66) n-Nitrosodiphenylamine	10.498	169	836	326.089	ng	# 76
67) 4-Bromophenyl-phenylether	10.628	248	15289	16381.188	ng	# 1
71) Phenanthrene	11.404	178	11668	2594.988	ng	97
72) Anthracene	11.404	178	11668	2587.681	ng	98
73) Carbazole	11.557	167	4826	1258.416	ng	# 80
74) Di-n-butylphthalate	11.898	149	5859	1221.035	ng	# 85
75) Fluoranthene	12.545	202	112985	24752.607	ng	95
78) Pyrene	12.775	202	110253	791.444	ng	95
80) Butylbenzylphthalate	13.404	149	588	13.562	ng	# 54
81) Benzo(a)anthracene	13.969	228	53505	566.310	ng	96
82) 3,3'-Dichlorobenzidine	13.939	252	59	2.594	ng	# 1
83) Chrysene	13.969	228	53505	586.521	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	2814	54.082	ng	# 68
85) Di-n-octyl phthalate	14.580	149	597	11.467	ng	# 53
87) Indeno(1,2,3-cd)pyrene	16.951	276	20517	103.246	ng	98
88) Benzo(b)fluoranthene	15.027	252	88582	489.949	ng	# 95
89) Benzo(k)fluoranthene	15.027	252	88582	515.865	ng	# 93
90) Benzo(a)pyrene	15.392	252	46474	314.442	ng	# 93
91) Dibenzo(a,h)anthracene	17.204	278	2596	18.556	ng	95
92) Benzo(g,h,i)perylene	17.404	276	21039	132.147	ng	# 92

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QLast Update : Tue Nov 28 03:04:20 2023
Response via : Initial Calibration

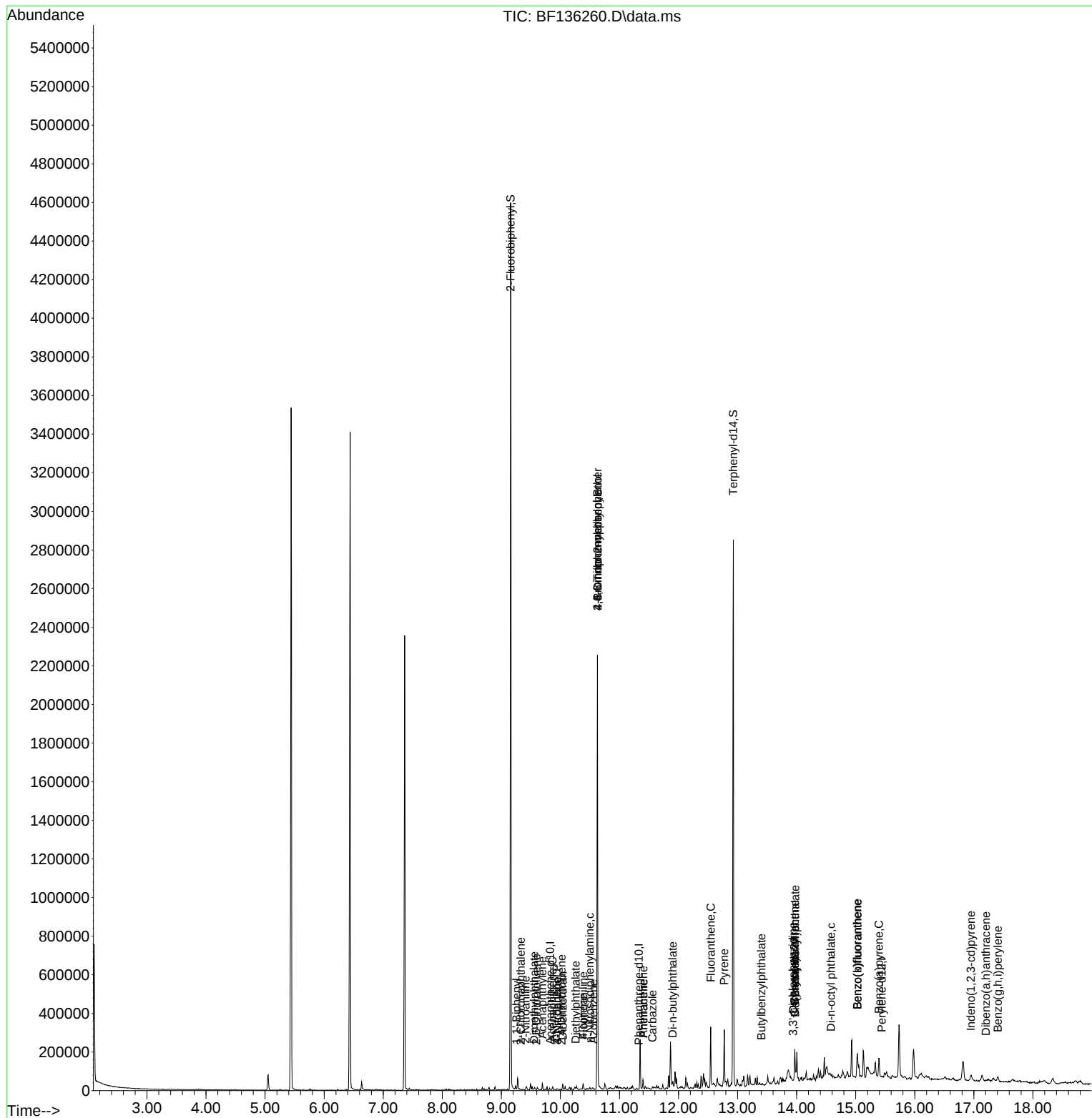
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

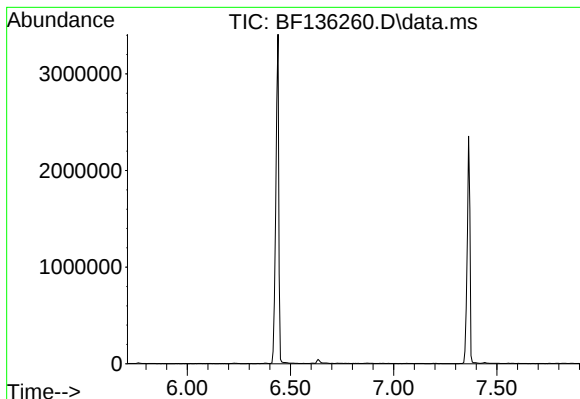
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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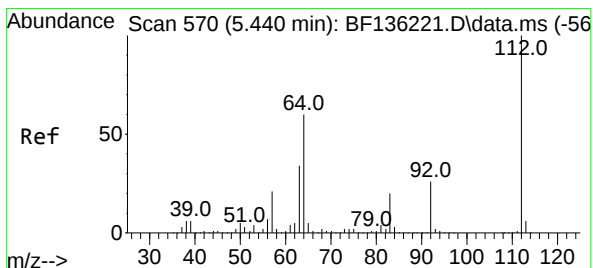
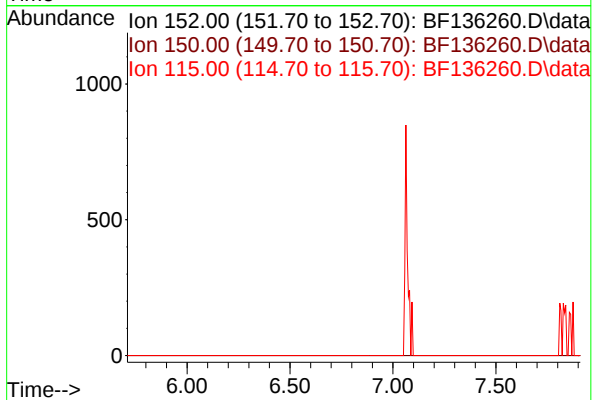
#1
1,4-Dichlorobenzene-d4
Concen: 0.000 ng
Expected RT: 6.81 min

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion: 152

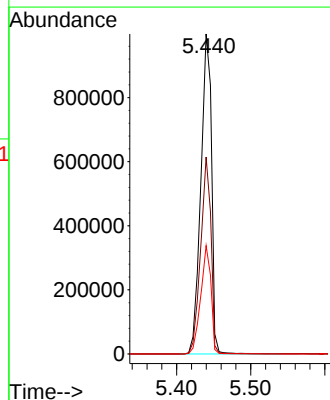
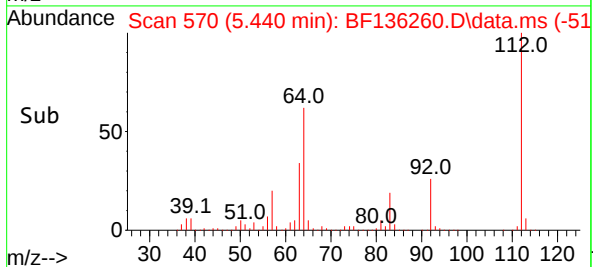
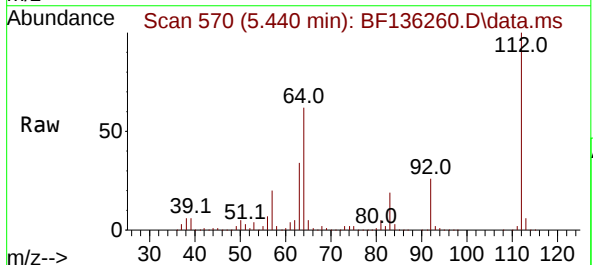
Sig	Exp Ratio
152	100
150	172.3
115	65.9

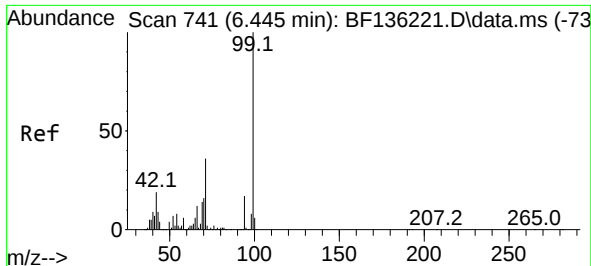


#5
2-Fluorophenol
Concen: 0.000 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.000 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion: 112 Resp: 1005917

Ion	Ratio	Lower	Upper
112	100		
64	61.5	48.2	72.4
63	33.8	27.0	40.6

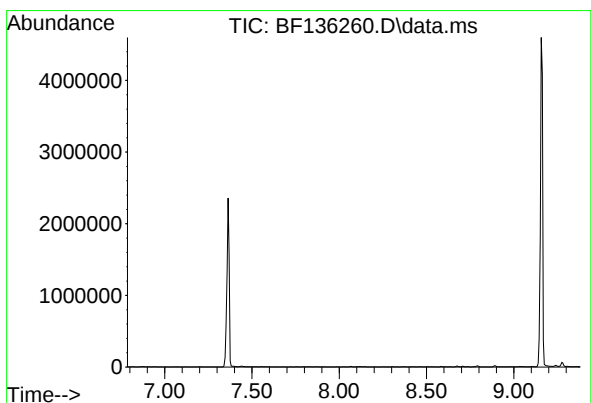
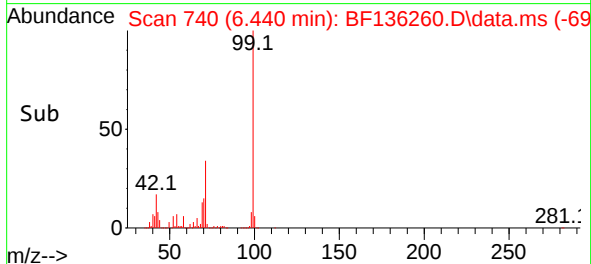
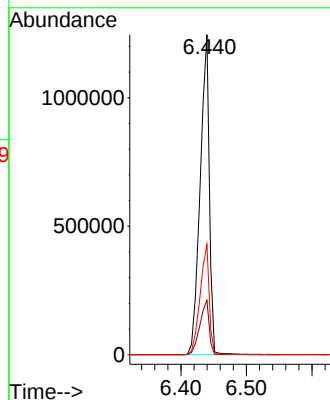
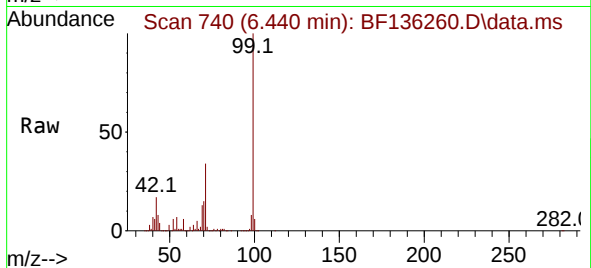




#7
Phenol-d6
Concen: 0.000 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

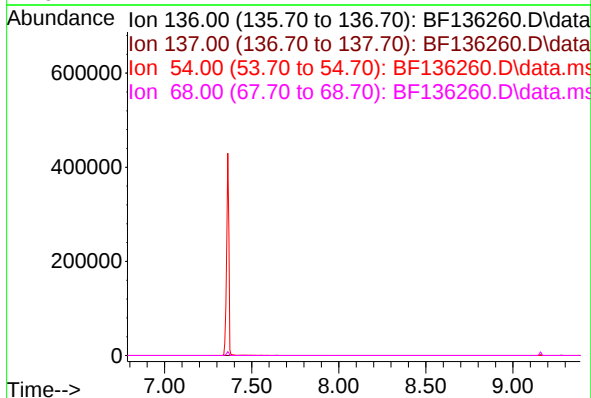
Tgt Ion: 99 Resp: 1218185
Ion Ratio Lower Upper
99 100
42 17.0 15.0 22.6
71 34.4 28.9 43.3

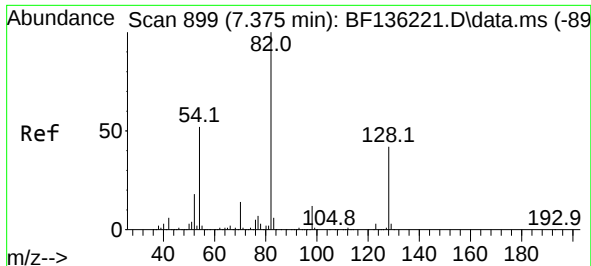


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.09 min

Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion: 136
Sig Exp Ratio
136 100
137 9.3
54 6.9
68 4.6





#23

Nitrobenzene-d5

Concen: 0.000 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

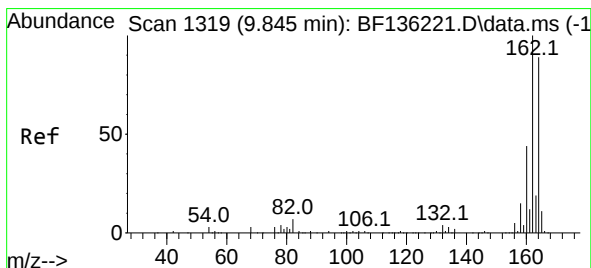
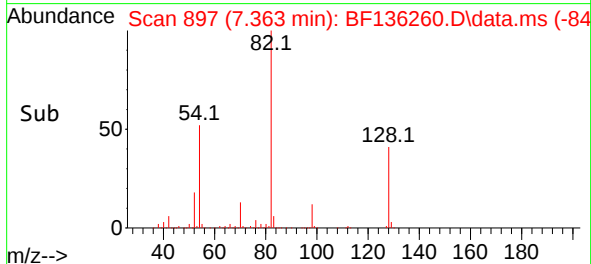
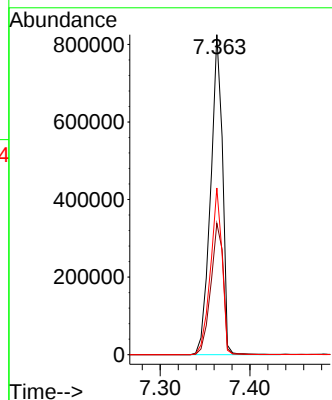
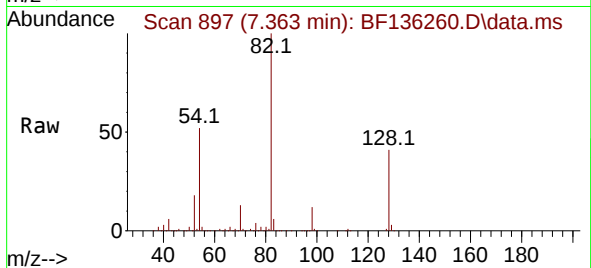
Tgt Ion: 82 Resp: 757384

Ion Ratio Lower Upper

82 100

128 41.0 33.4 50.2

54 52.1 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.017 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

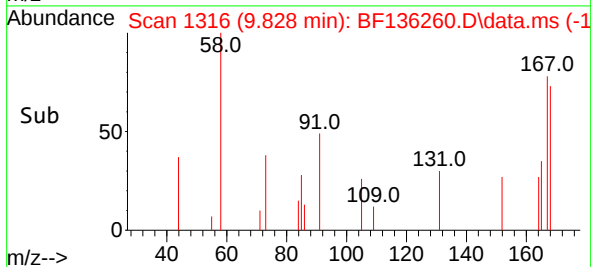
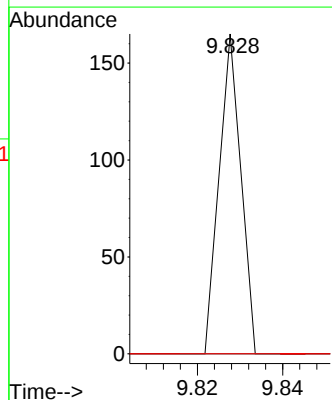
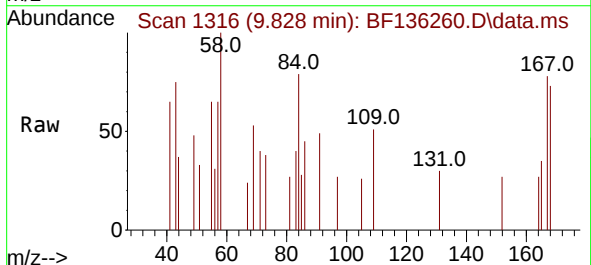
Tgt Ion:164 Resp: 58

Ion Ratio Lower Upper

164 100

162 0.0 89.5 134.3#

160 0.0 39.6 59.4#





#42

2,4,6-Tribromophenol

Concen: 368525.733 ng

RT: 10.628 min Scan# 1452

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

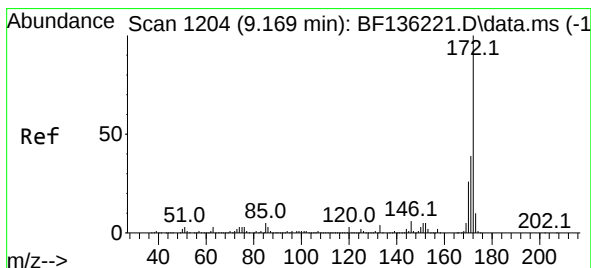
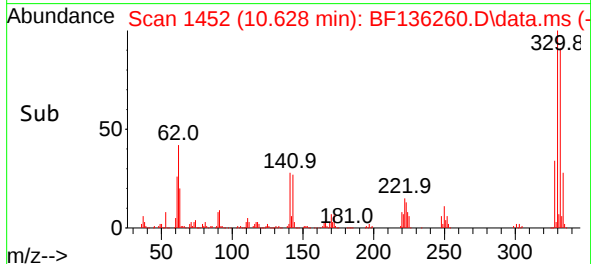
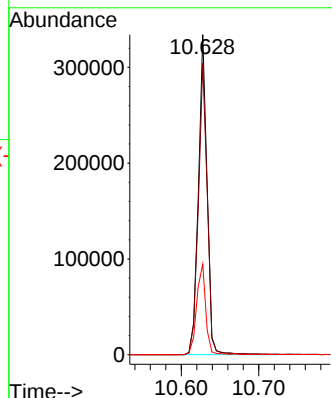
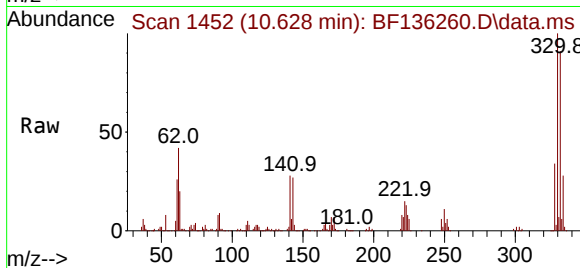
Tgt Ion:330 Resp: 261321

Ion Ratio Lower Upper

330 100

332 93.3 73.0 109.6

141 29.3 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 314959.647 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

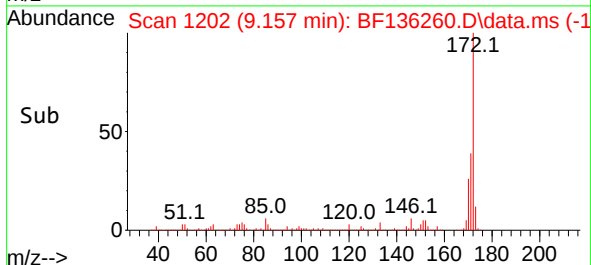
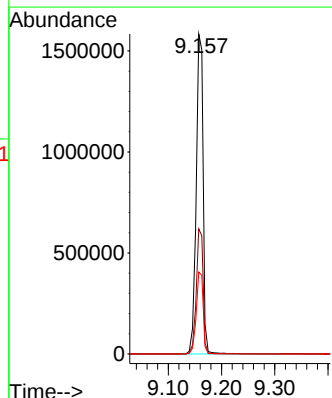
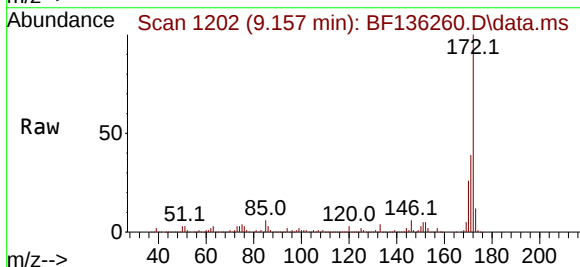
Tgt Ion:172 Resp: 1430173

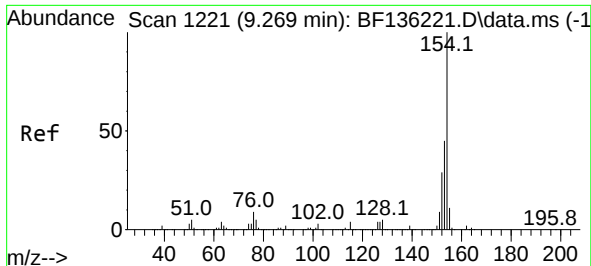
Ion Ratio Lower Upper

172 100

171 39.1 31.5 47.3

170 25.6 20.8 31.2

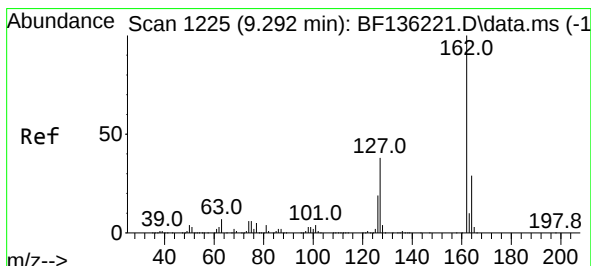
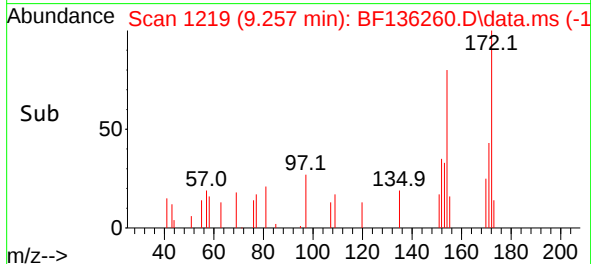
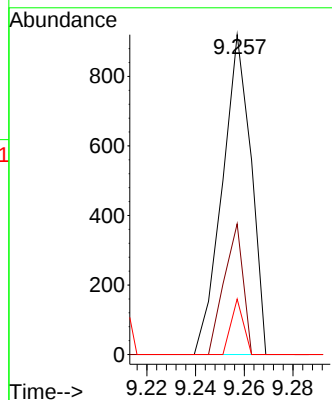
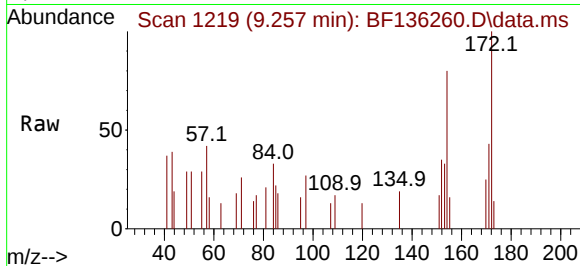




#46
1,1'-Biphenyl
Concen: 147.222 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

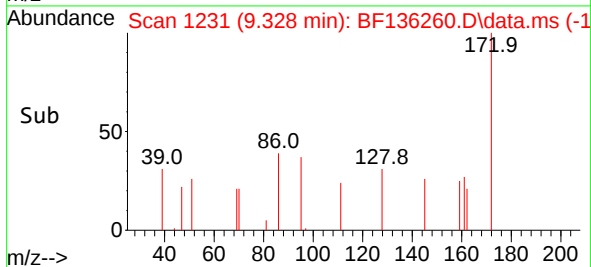
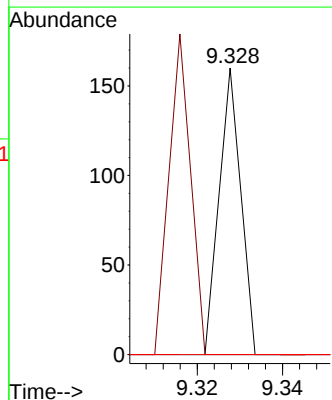
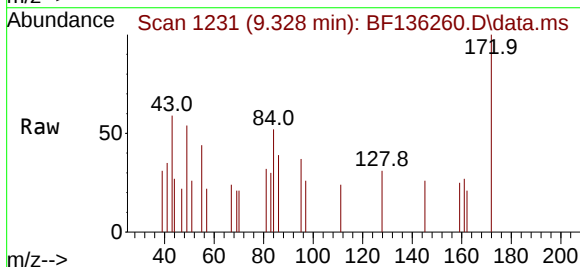
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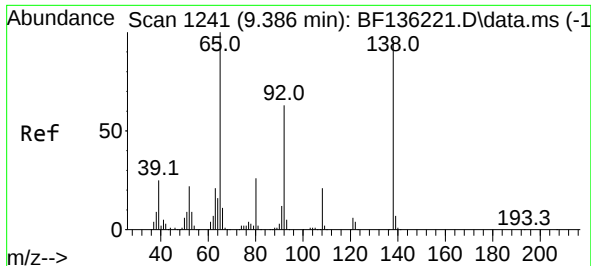
Tgt Ion:154 Resp: 753
Ion Ratio Lower Upper
154 100
153 40.9 24.6 64.6
76 17.4 0.0 29.4



#47
2-Chloronaphthalene
Concen: 14.099 ng
RT: 9.328 min Scan# 1231
Delta R.T. 0.036 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:162 Resp: 56
Ion Ratio Lower Upper
162 100
127 0.0 30.2 45.2#
164 0.0 22.8 34.2#

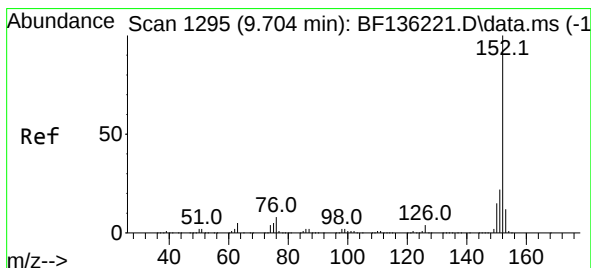
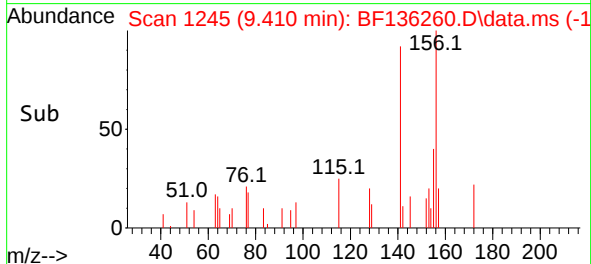
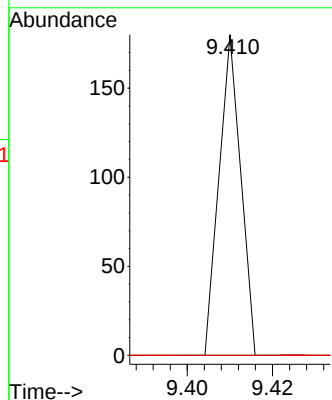
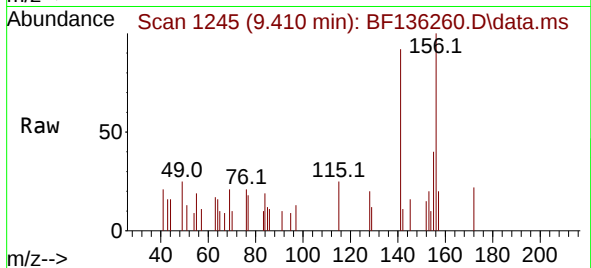




#48
2-Nitroaniline
Concen: 60.750 ng
RT: 9.410 min Scan# 1245
Delta R.T. 0.024 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

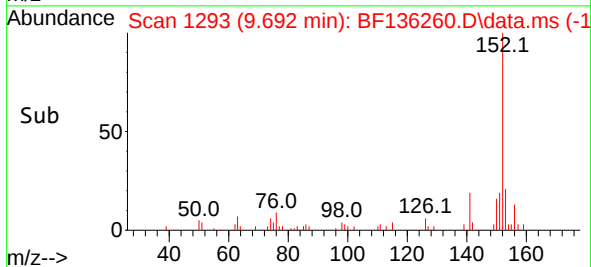
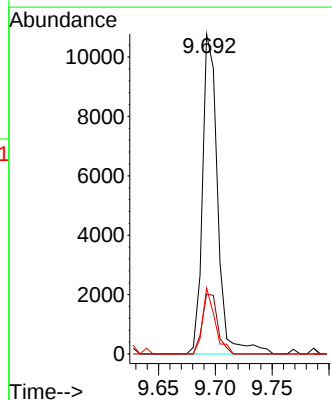
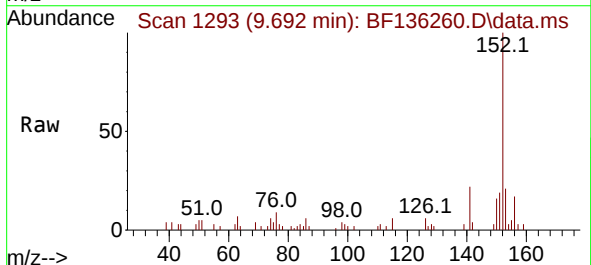
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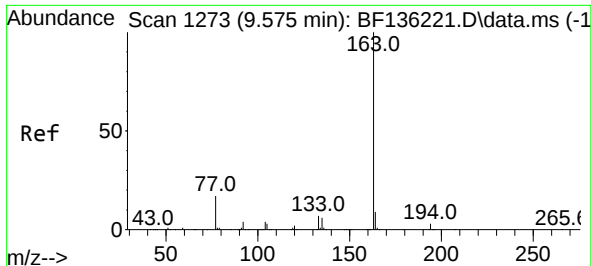
Tgt Ion: 65 Resp: 63
Ion Ratio Lower Upper
65 100
92 0.0 50.6 75.8#
138 0.0 76.7 115.1#



#49
Acenaphthylene
Concen: 1771.768 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion: 152 Resp: 10043
Ion Ratio Lower Upper
152 100
151 18.7 17.5 26.3
153 20.6 9.6 14.4#

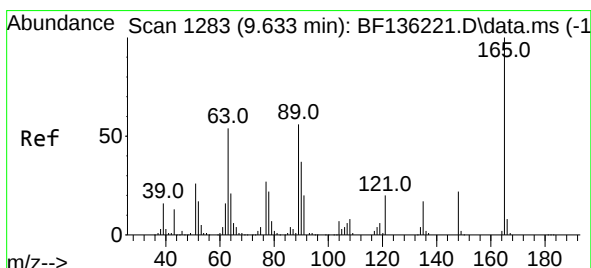
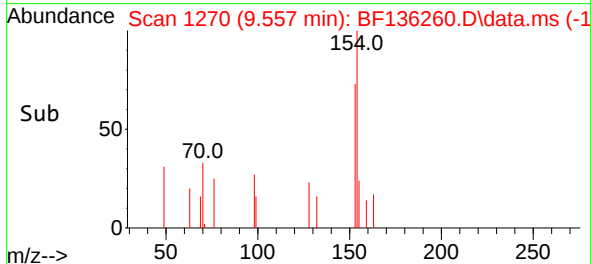
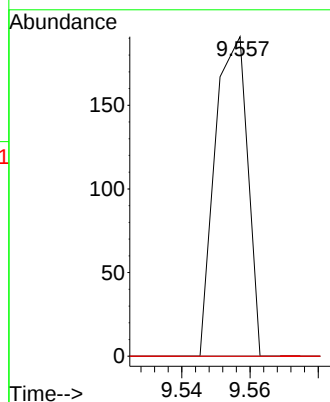
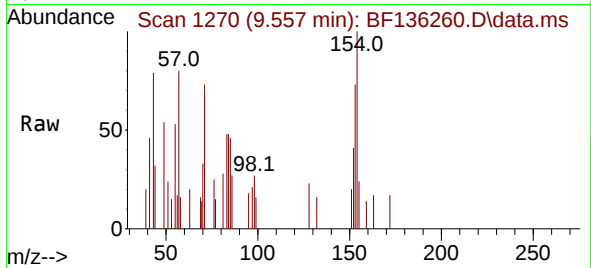




#50
Dimethylphthalate
Concen: 28.743 ng
RT: 9.557 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

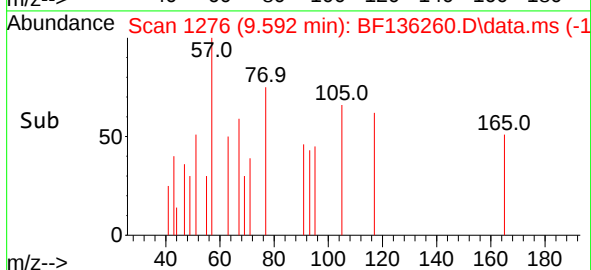
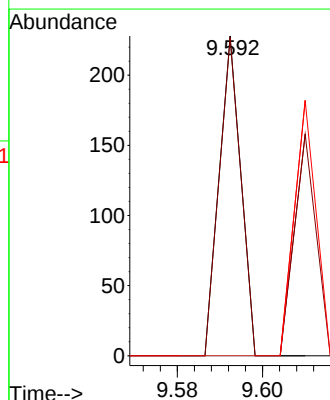
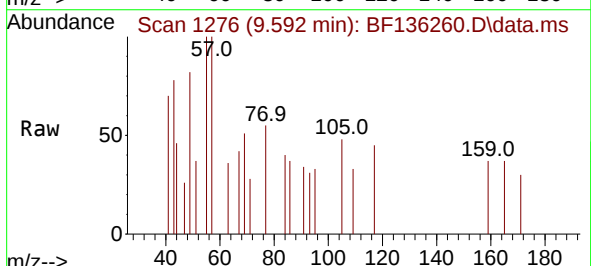
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ClientSampleId :
TR-06-11222023

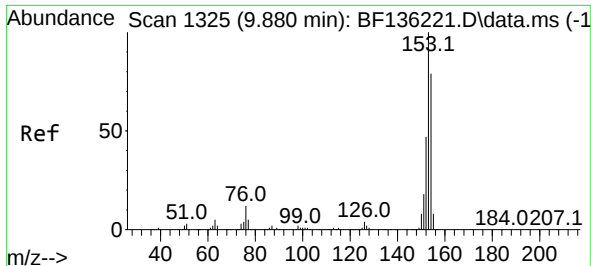
Tgt Ion:163 Resp: 126
Ion Ratio Lower Upper
163 100
194 0.0 2.5 3.7#
164 0.0 7.0 10.6#



#51
2,6-Dinitrotoluene
Concen: 89.329 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.041 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:165 Resp: 80
Ion Ratio Lower Upper
165 100
63 99.6 46.2 69.2#
89 0.0 44.9 67.3#

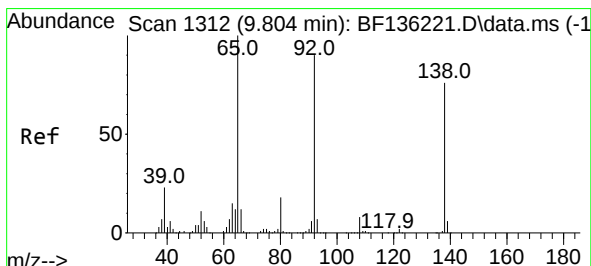
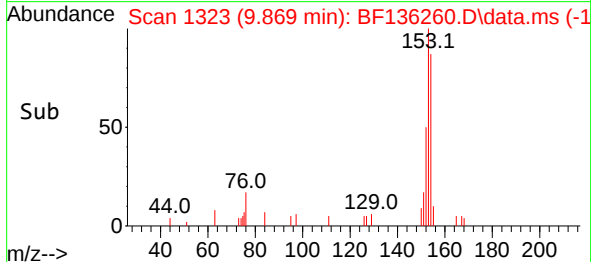
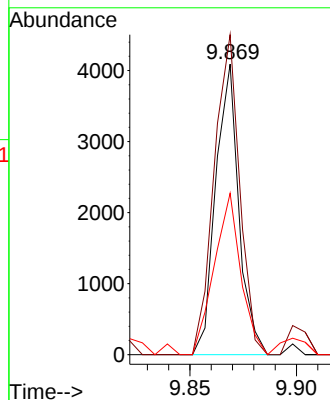
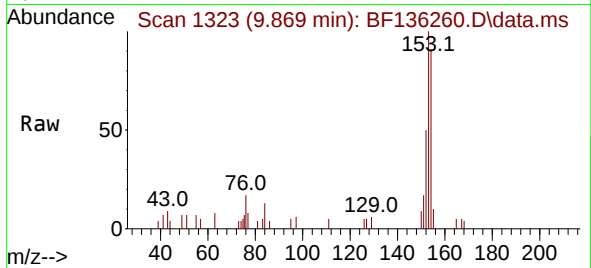




#52
Acenaphthene
Concen: 863.184 ng
RT: 9.869 min Scan# 1325
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

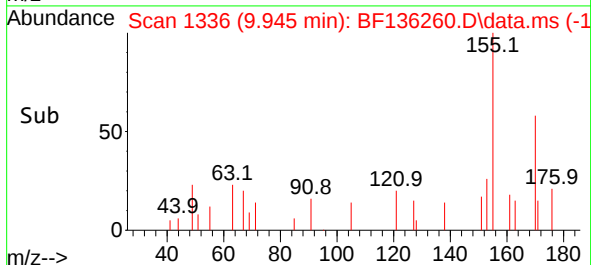
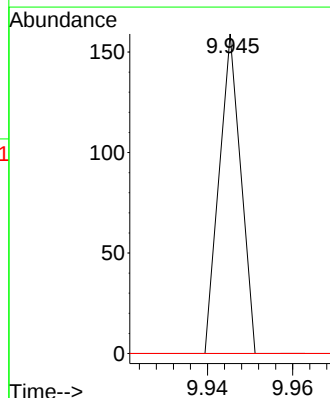
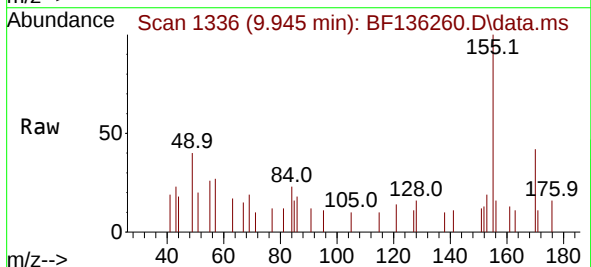
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

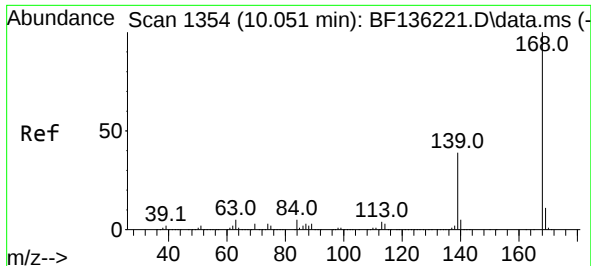
Tgt Ion:154 Resp: 3092
Ion Ratio Lower Upper
154 100
153 110.1 100.8 151.2
152 55.6 47.0 70.6



#53
3-Nitroaniline
Concen: 63.019 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.141 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 0.0 94.2 141.4#

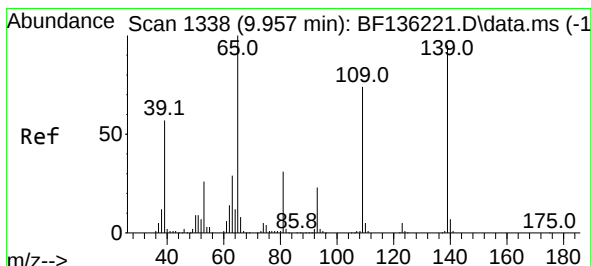
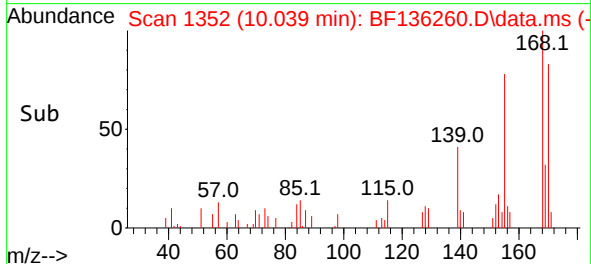
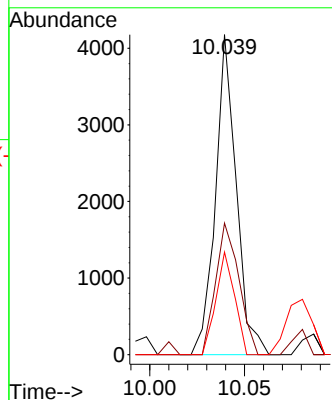
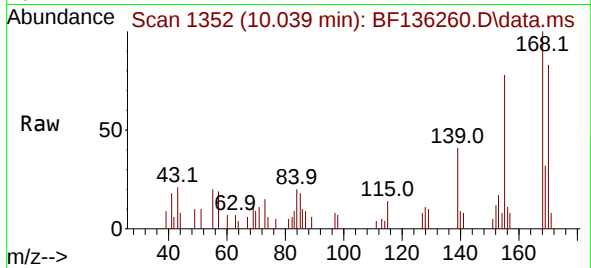




#55
Dibenzofuran
Concen: 600.718 ng
RT: 10.039 min Scan# 1352
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

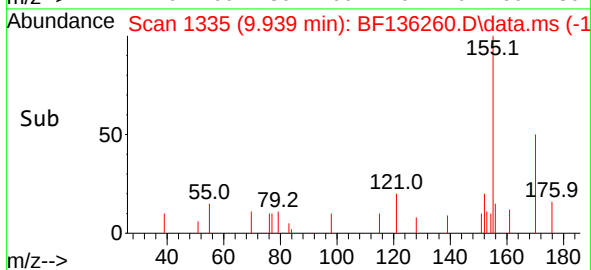
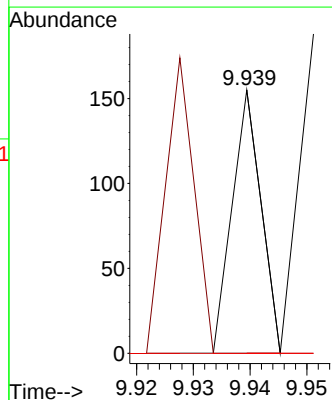
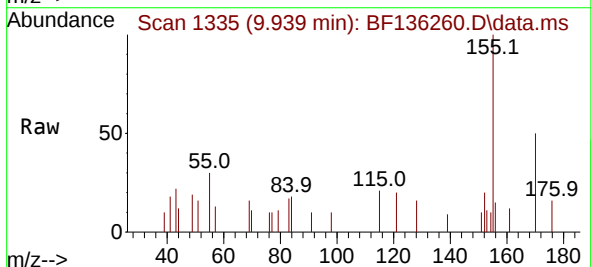
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

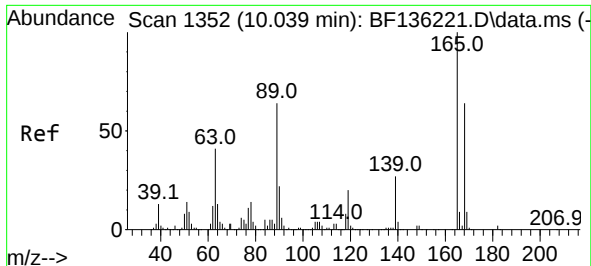
Tgt Ion:168 Resp: 3202
Ion Ratio Lower Upper
168 100
139 41.1 30.9 46.3
169 32.1 9.1 13.7#



#56
4-Nitrophenol
Concen: 81.493 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.017 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:139 Resp: 55
Ion Ratio Lower Upper
139 100
109 0.0 57.8 97.8#
65 0.0 86.0 126.0#

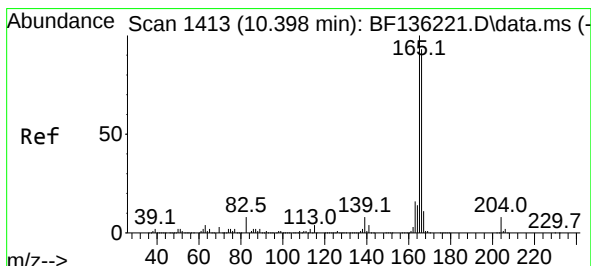
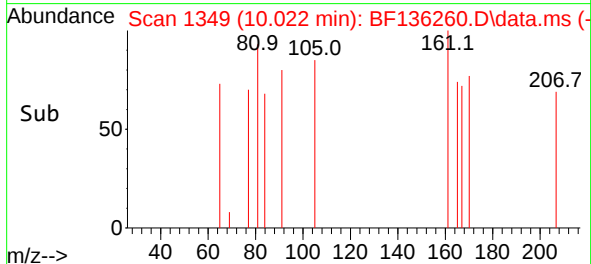
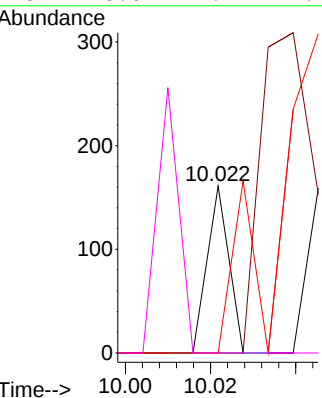
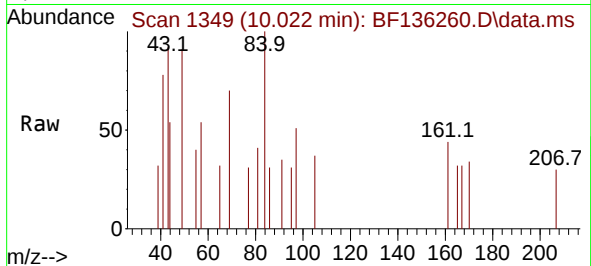




#57
2,4-Dinitrotoluene
Concen: 47.648 ng
RT: 10.022 min Scan# 1410
Delta R.T. -0.017 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

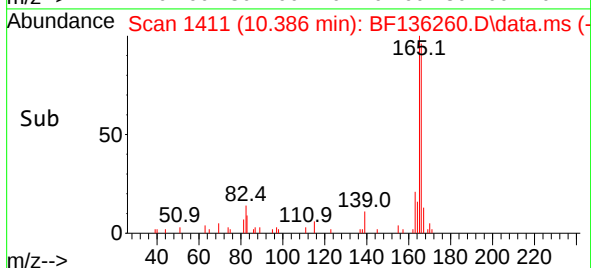
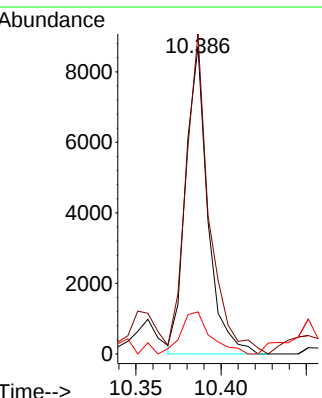
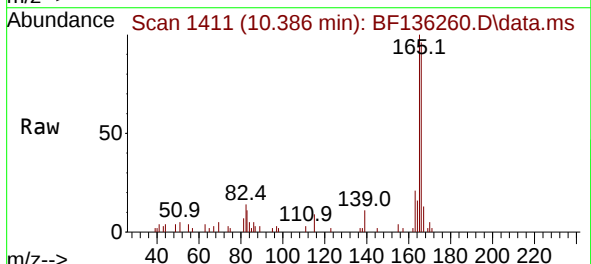
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

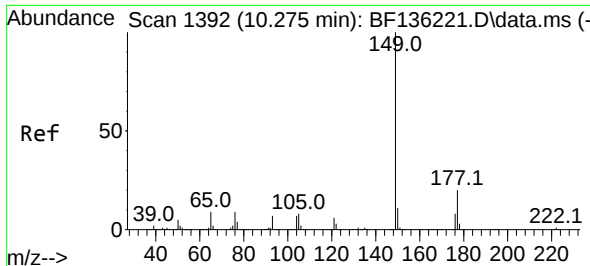
Tgt Ion:165	Resp:	57
Ion Ratio	Lower	Upper
165	100	
63	0.0	33.0
89	0.0	51.5
182	0.0	1.9



#58
Fluorene
Concen: 1881.362 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:166	Resp:	7866
Ion Ratio	Lower	Upper
166	100	
165	104.1	86.2
167	13.7	9.1

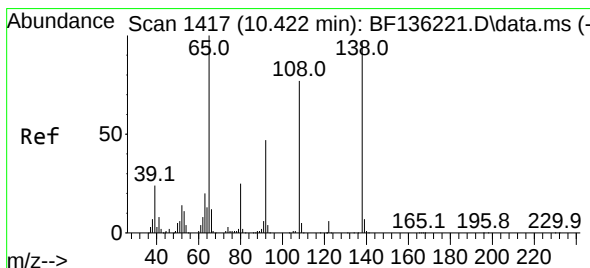
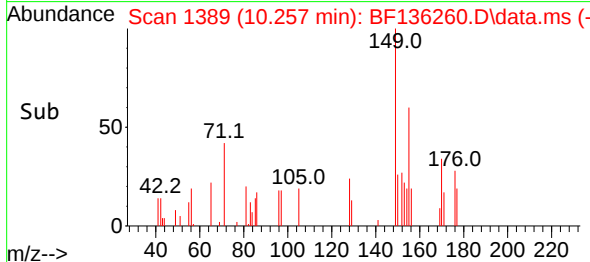
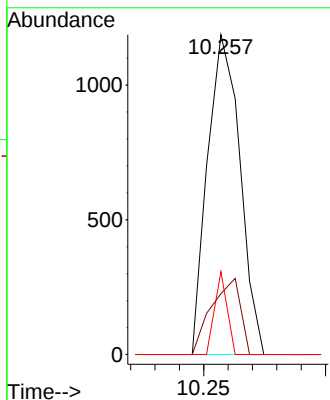
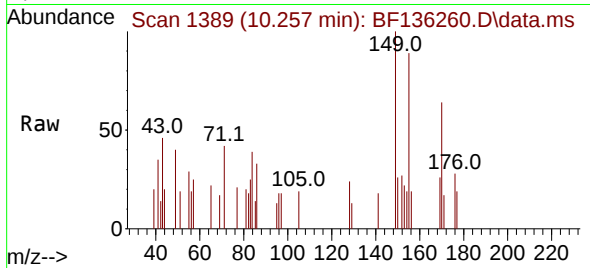




#60
Diethylphthalate
Concen: 250.163 ng
RT: 10.257 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

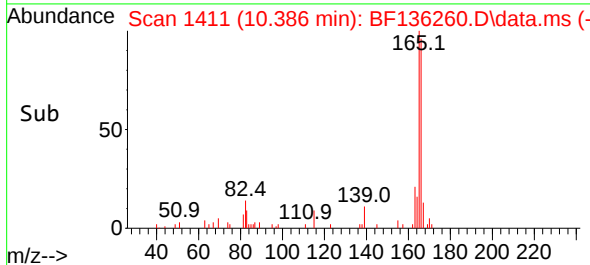
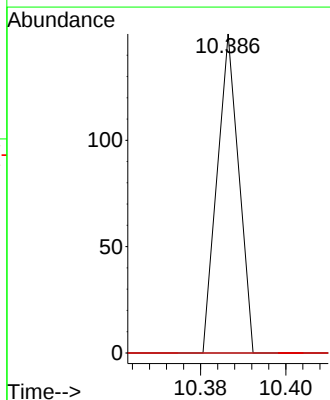
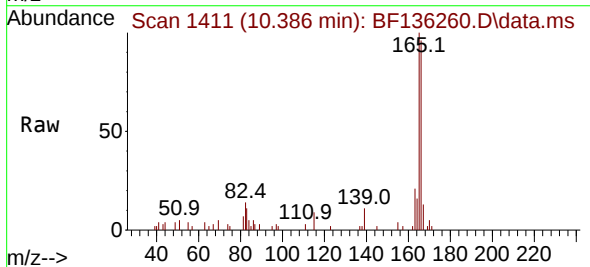
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

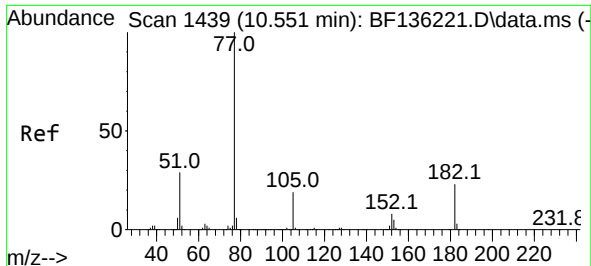
Tgt Ion:149 Resp: 1097
Ion Ratio Lower Upper
149 100
177 19.0 15.8 23.6
150 25.9 8.8 13.2#



#62
4-Nitroaniline
Concen: 60.933 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.035 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:138 Resp: 53
Ion Ratio Lower Upper
138 100
92 0.0 28.5 68.5#
108 0.0 59.8 99.8#

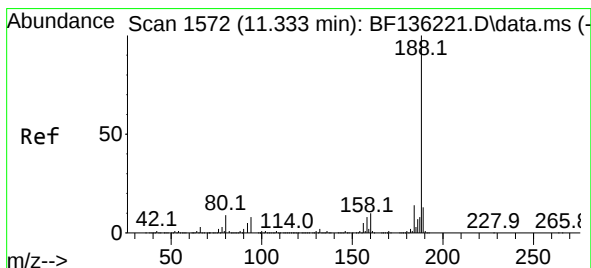
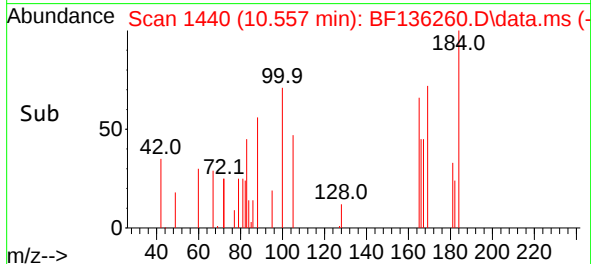
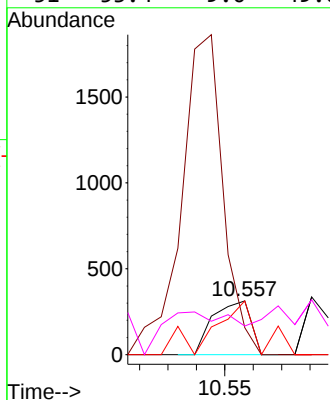
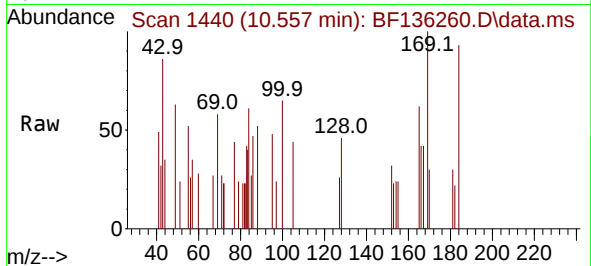




#63
Azobenzene
Concen: 70.843 ng
RT: 10.557 min Scan# 1439
Delta R.T. 0.006 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

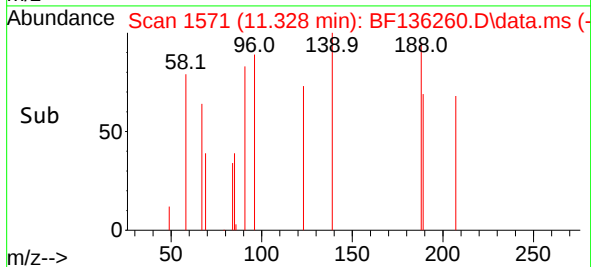
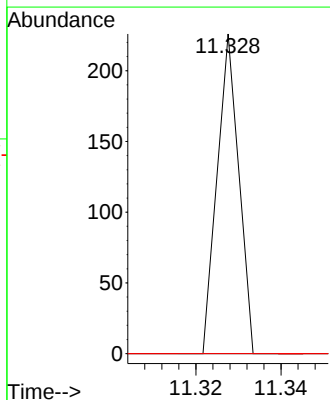
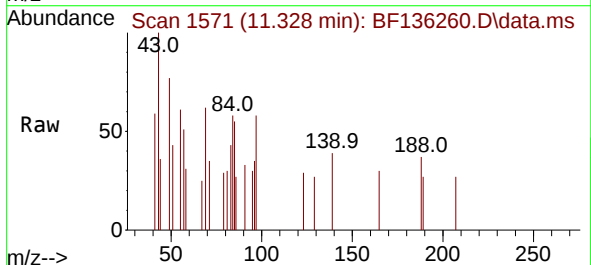
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

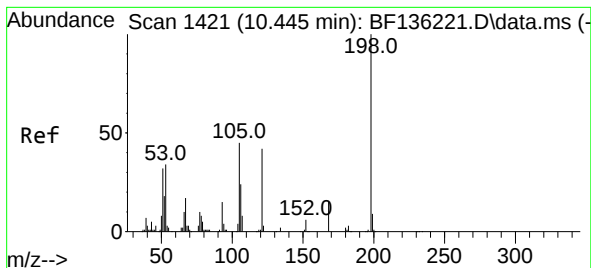
Tgt Ion: 77	Resp: 288
Ion Ratio	Lower Upper
77 100	
182 50.2	3.3 43.3#
105 100.0	0.0 39.5#
51 53.4	9.0 49.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.328 min Scan# 1571
Delta R.T. -0.005 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:188	Resp:	80	
Ion	Ratio	Lower	Upper
188	100		
94	0.0	6.7	10.1#
80	0.0	7.2	10.8#

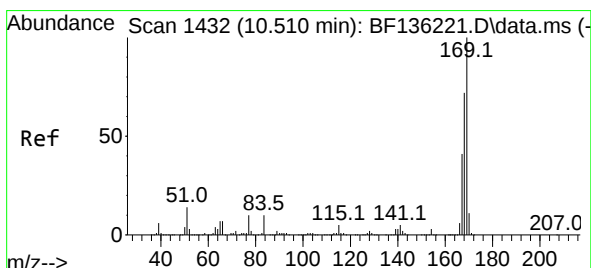
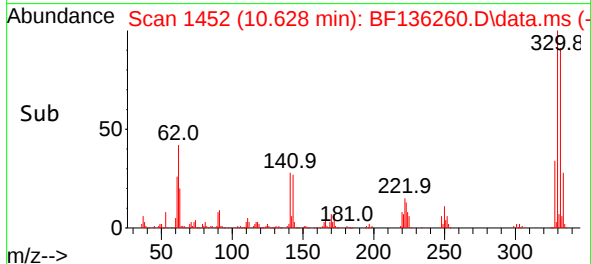
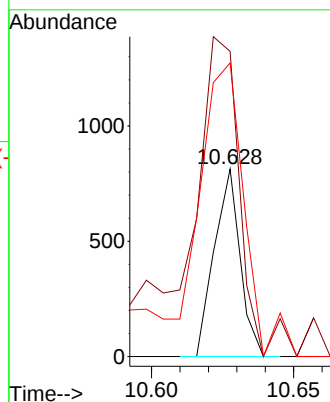
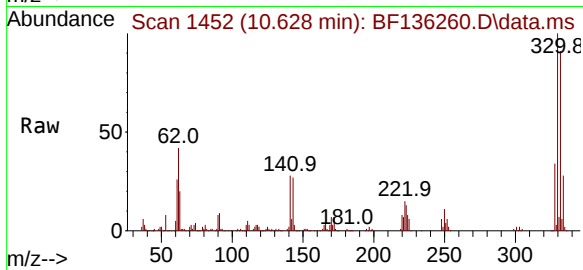




#65
4,6-Dinitro-2-methylphenol
Concen: 1168.058 ng
RT: 10.628 min Scan# 141
Delta R.T. 0.183 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

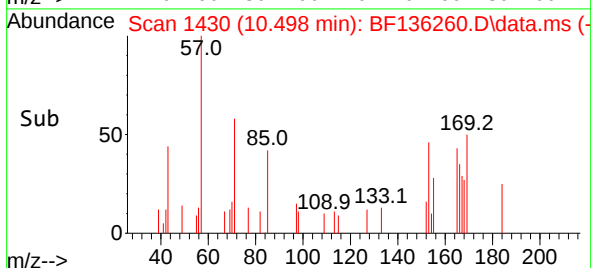
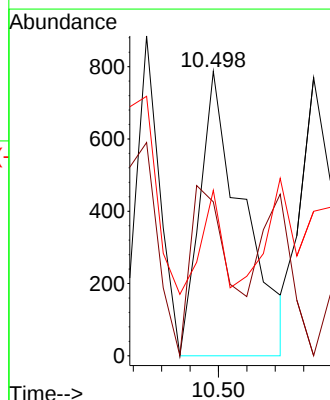
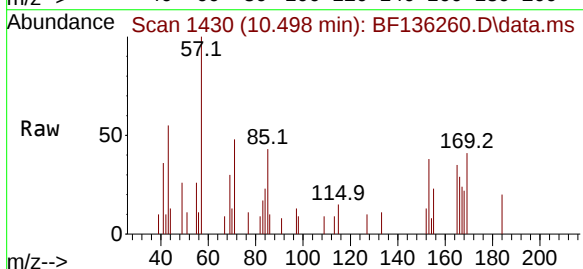
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

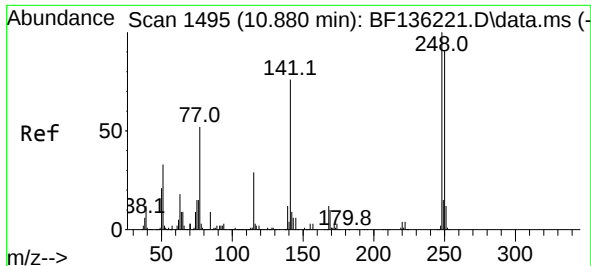
Tgt Ion:198 Resp: 511
Ion Ratio Lower Upper
198 100
51 162.7 28.2 68.2#
105 156.6 25.7 65.7#



#66
n-Nitrosodiphenylamine
Concen: 326.089 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:169 Resp: 836
Ion Ratio Lower Upper
169 100
168 54.1 57.8 86.6#
167 58.2 32.7 49.1#

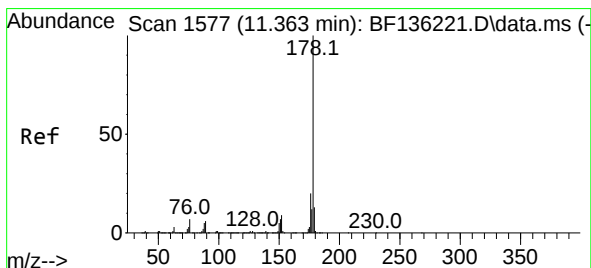
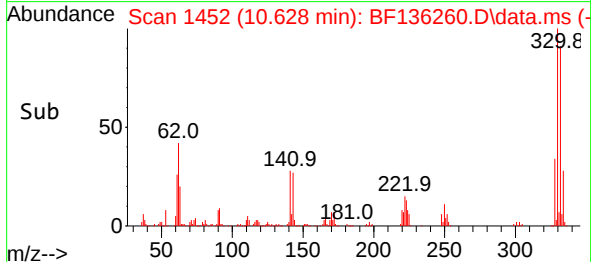
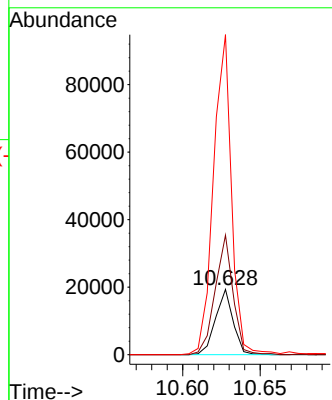
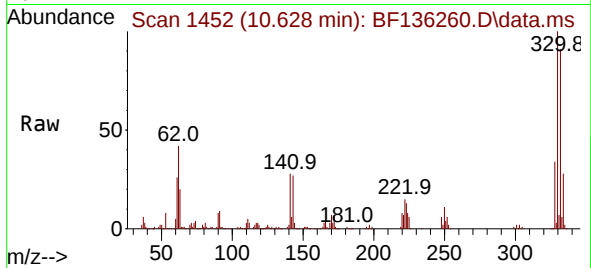




#67
4-Bromophenyl-phenylether
Concen: 16381.188 ng
RT: 10.628 min Scan# 1495
Delta R.T. -0.253 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

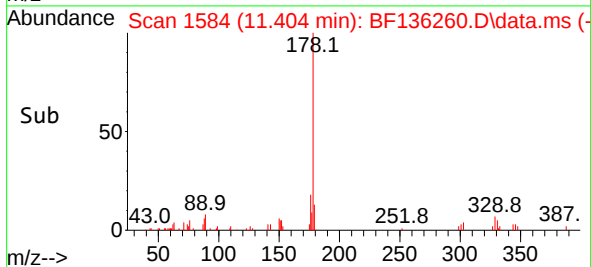
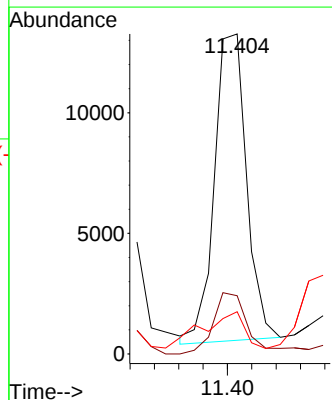
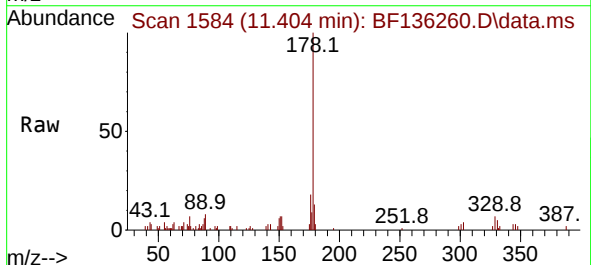
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

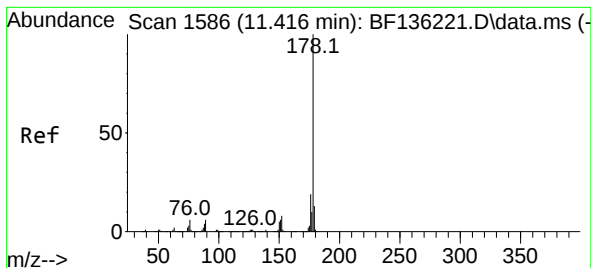
Tgt Ion:248 Resp: 15289
Ion Ratio Lower Upper
248 100
250 183.2 72.5 108.7#
141 490.7 60.8 91.2#



#71
Phenanthrene
Concen: 2594.988 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.041 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:178 Resp: 11668
Ion Ratio Lower Upper
178 100
176 18.2 16.2 24.2
179 13.2 10.3 15.5





#72

Anthracene

Concen: 2587.681 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

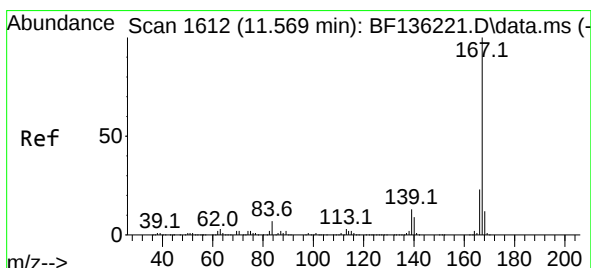
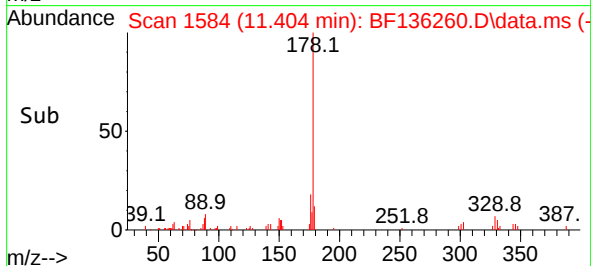
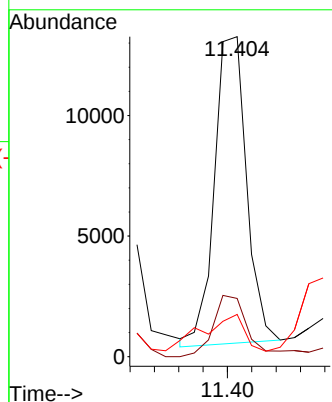
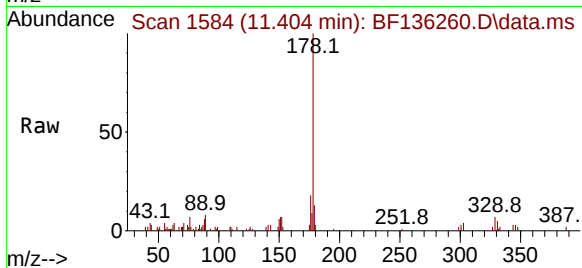
Tgt Ion:178 Resp: 11668

Ion Ratio Lower Upper

178 100

176 18.2 15.5 23.3

179 13.2 10.5 15.7



#73

Carbazole

Concen: 1258.416 ng

RT: 11.557 min Scan# 1610

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

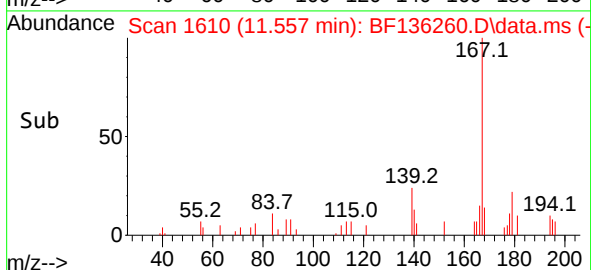
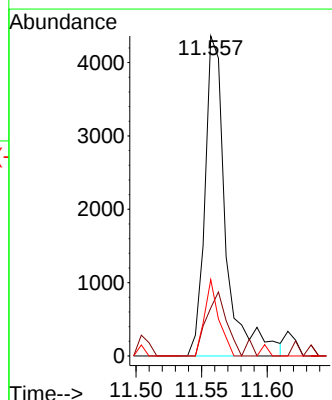
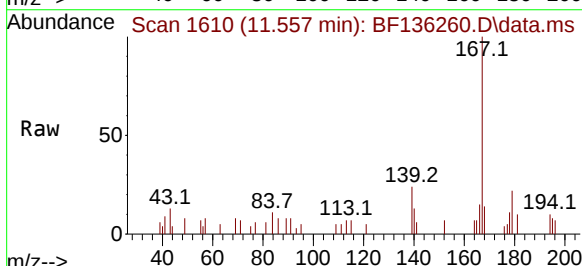
Tgt Ion:167 Resp: 4826

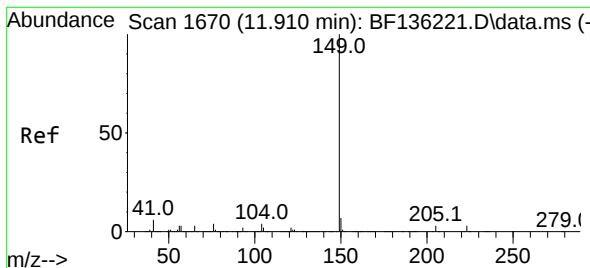
Ion Ratio Lower Upper

167 100

166 15.0 18.4 27.6#

139 23.8 10.5 15.7#





#74

Di-n-butylphthalate

Concen: 1221.035 ng

RT: 11.898 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

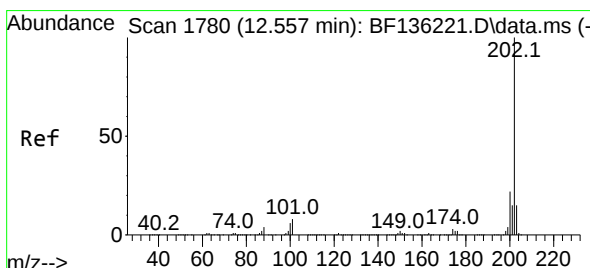
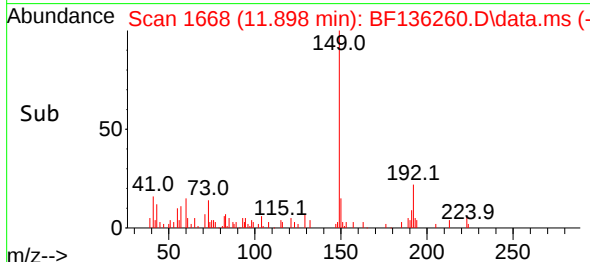
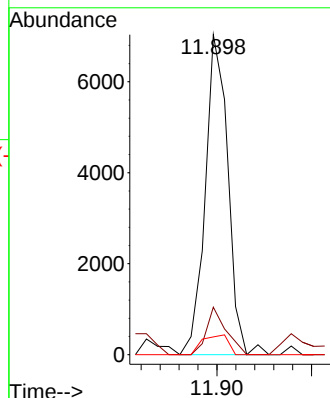
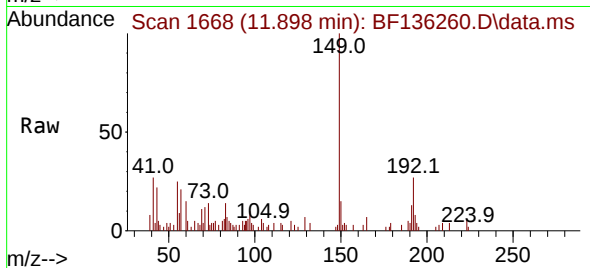
Tgt Ion:149 Resp: 5859

Ion Ratio Lower Upper

149 100

150 14.9 6.0 9.0#

104 5.6 3.5 5.3#



#75

Fluoranthene

Concen: 24752.607 ng

RT: 12.545 min Scan# 1778

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

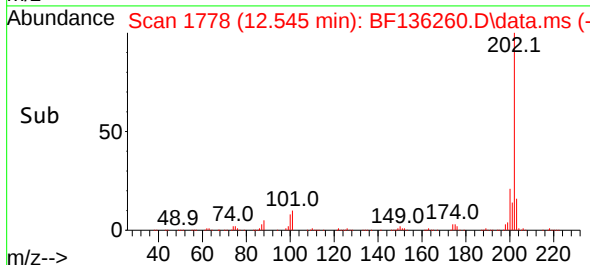
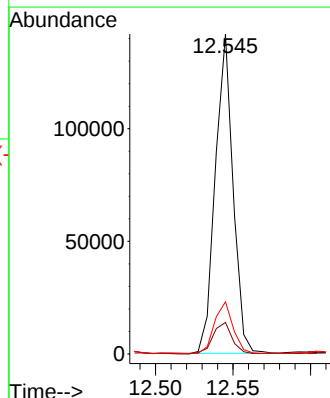
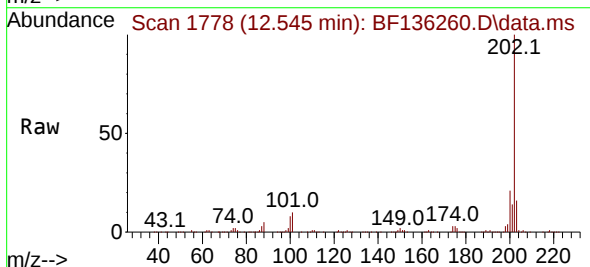
Tgt Ion:202 Resp: 112985

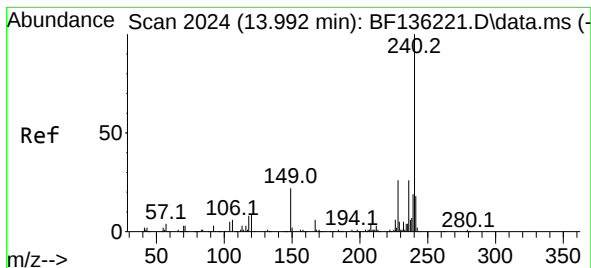
Ion Ratio Lower Upper

202 100

101 9.9 0.0 27.8

203 16.3 0.0 34.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

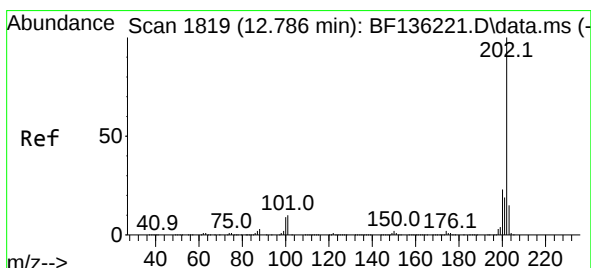
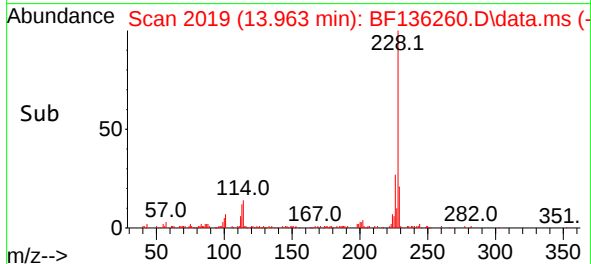
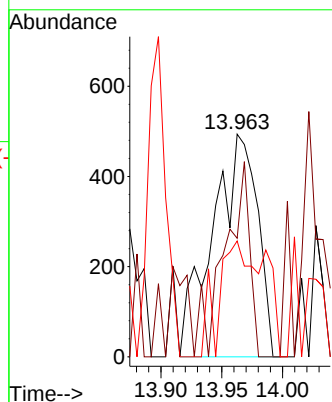
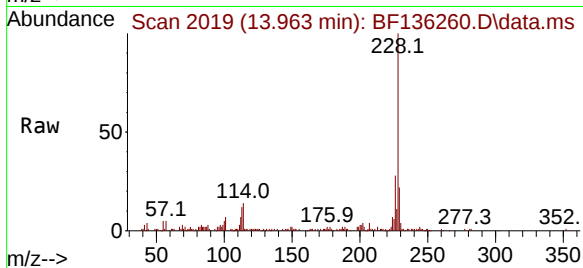
Tgt Ion:240 Resp: 1272

Ion Ratio Lower Upper

240 100

120 53.2 7.4 11.2#

236 52.0 21.1 31.7#



#78

Pyrene

Concen: 791.444 ng

RT: 12.775 min Scan# 1817

Delta R.T. -0.012 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

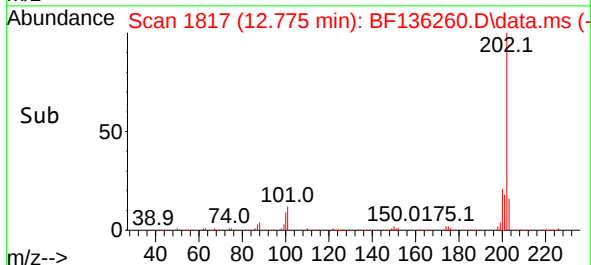
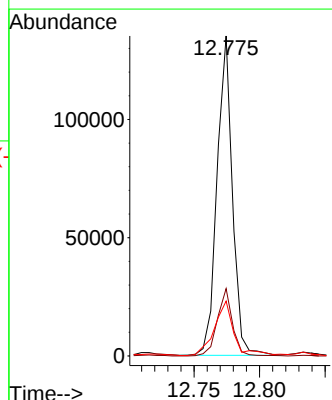
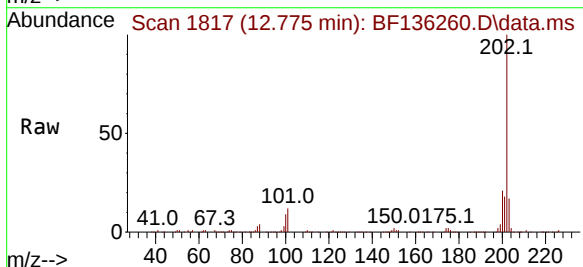
Tgt Ion:202 Resp: 110253

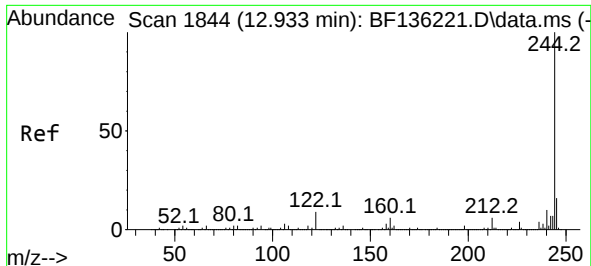
Ion Ratio Lower Upper

202 100

200 21.1 18.4 27.6

203 17.2 11.8 17.6

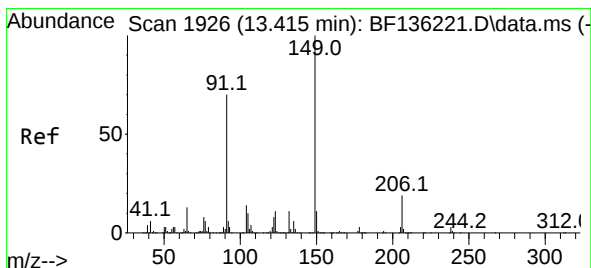
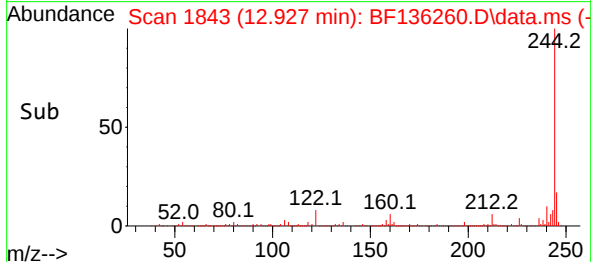
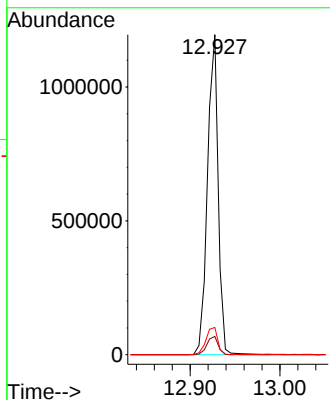
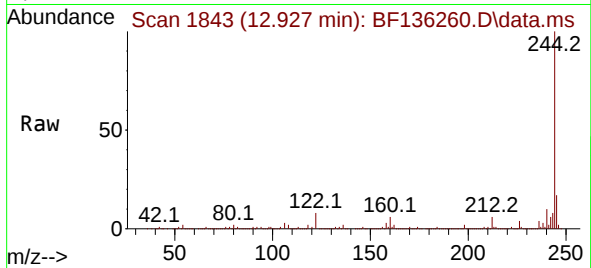




#79
 Terphenyl-d14
 Concen: 8953.039 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136260.D
 Acq: 28 Nov 2023 21:05

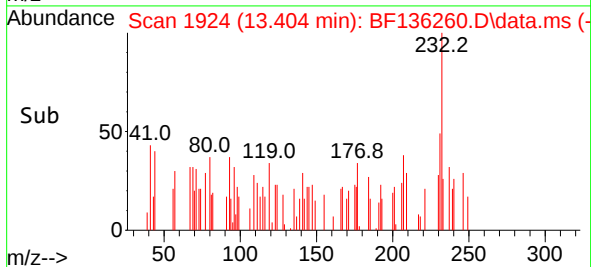
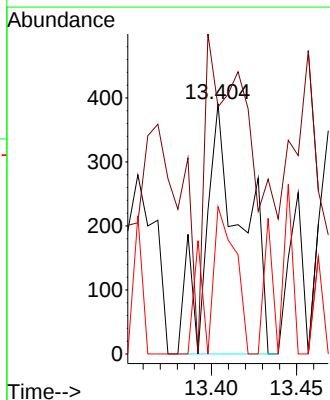
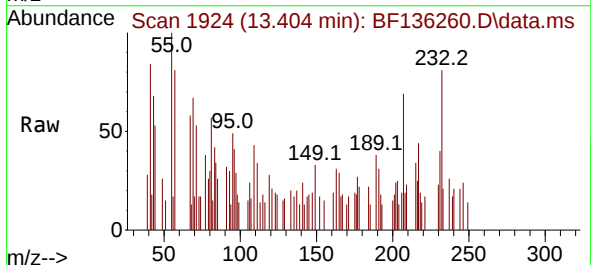
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023

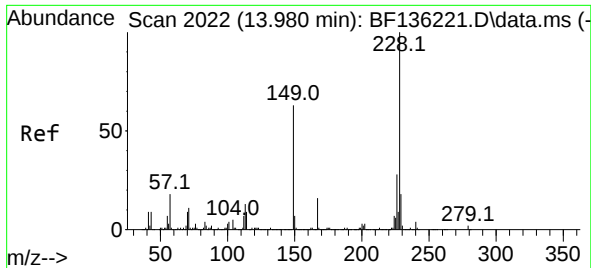
Tgt Ion:244 Resp: 987289
 Ion Ratio Lower Upper
 244 100
 212 5.7 4.6 7.0
 122 8.5 7.3 10.9



#80
 Butylbenzylphthalate
 Concen: 13.562 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.012 min
 Lab File: BF136260.D
 Acq: 28 Nov 2023 21:05

Tgt Ion:149 Resp: 588
 Ion Ratio Lower Upper
 149 100
 91 98.7 56.4 84.6#
 206 58.8 14.8 22.2#

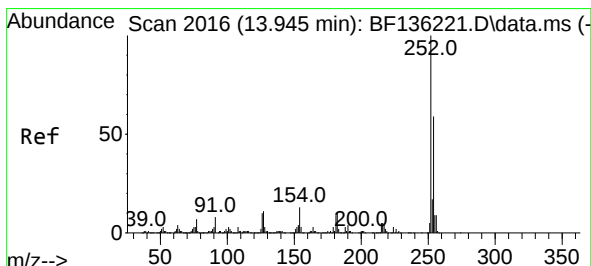
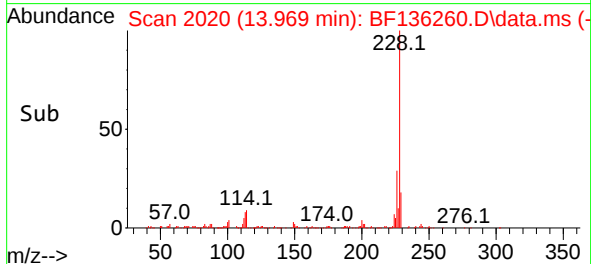
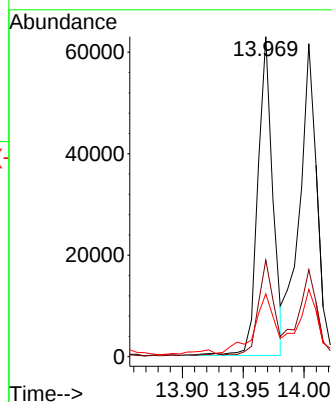
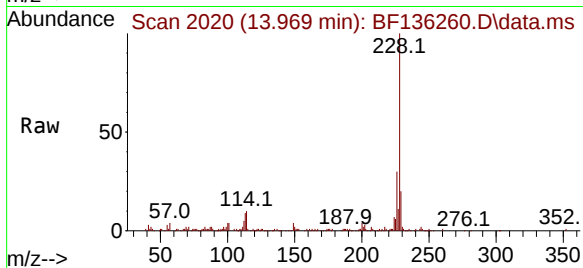




#81
Benzo(a)anthracene
Concen: 566.310 ng
RT: 13.969 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

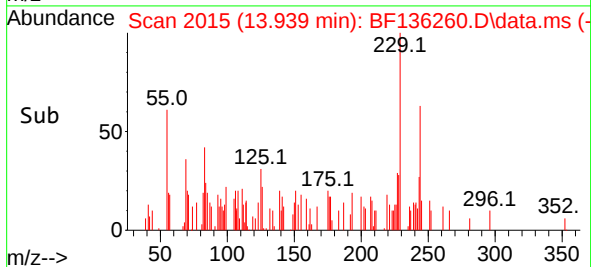
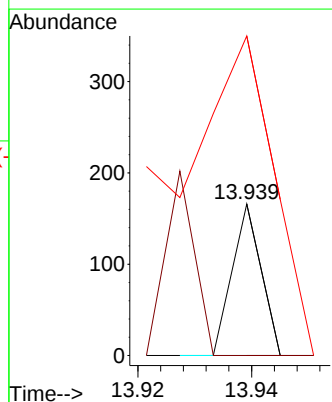
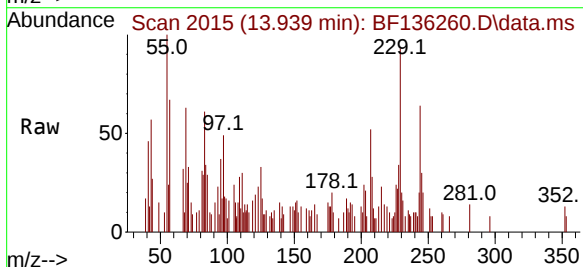
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

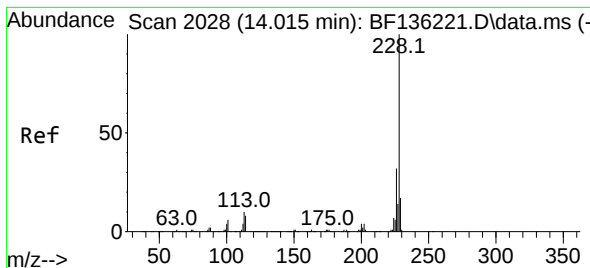
Tgt Ion:228 Resp: 53505
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 19.7 14.0 21.0



#82
3,3'-Dichlorobenzidine
Concen: 2.594 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:252 Resp: 59
Ion Ratio Lower Upper
252 100
254 0.0 47.4 71.2#
126 210.8 8.3 12.5#





#83

Chrysene

Concen: 586.521 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.047 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

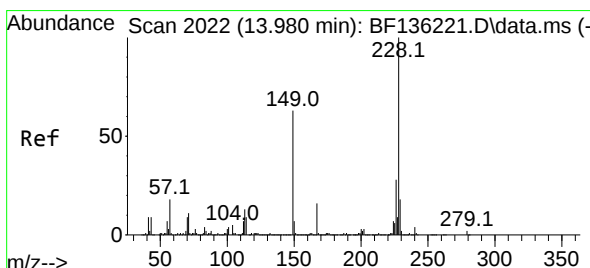
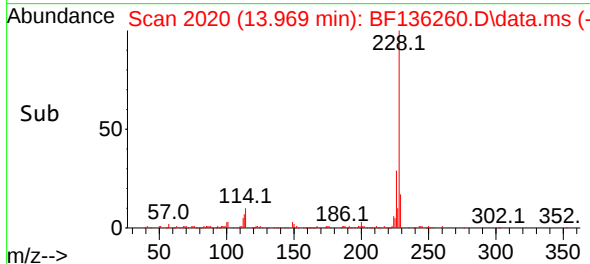
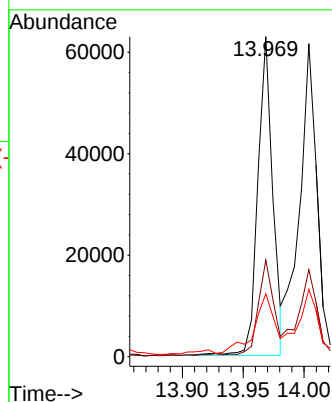
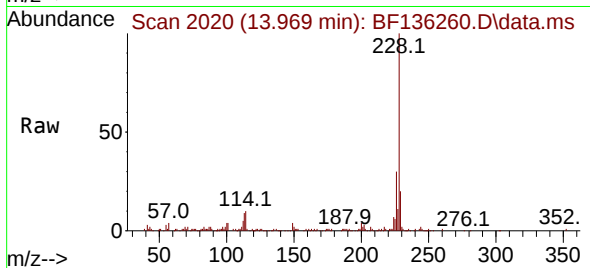
Tgt Ion:228 Resp: 53505

Ion Ratio Lower Upper

228 100

226 30.2 25.5 38.3

229 19.7 13.9 20.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.082 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

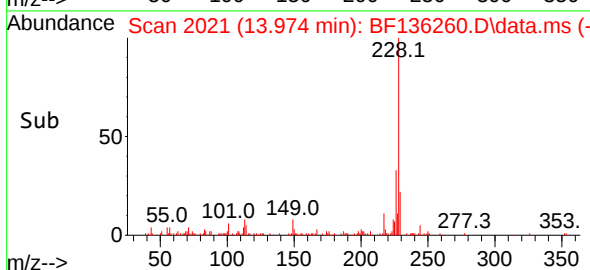
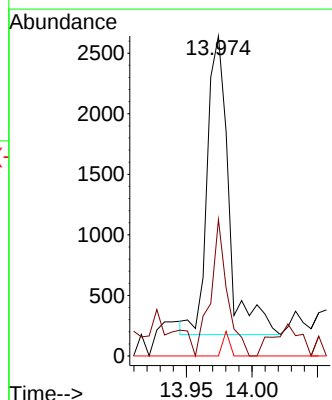
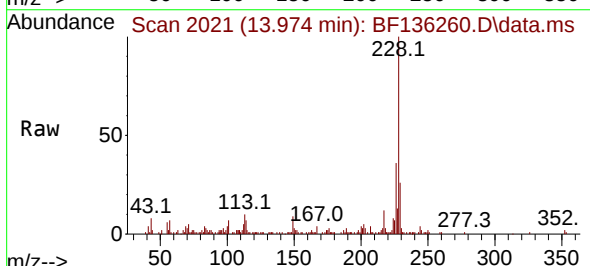
Tgt Ion:149 Resp: 2814

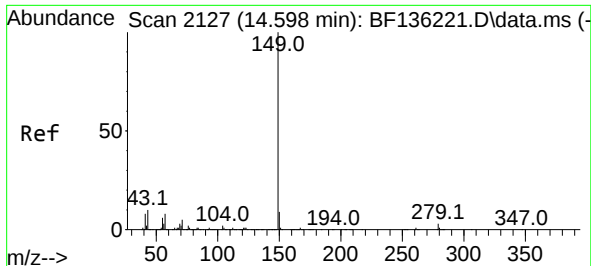
Ion Ratio Lower Upper

149 100

167 42.7 20.2 30.2#

279 0.0 2.4 3.6#

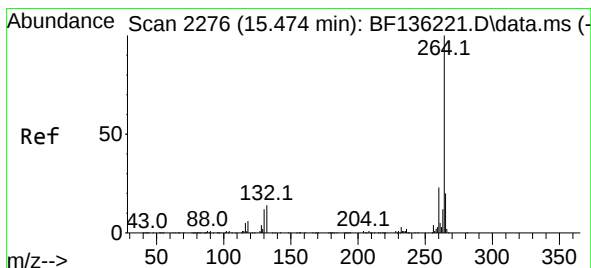
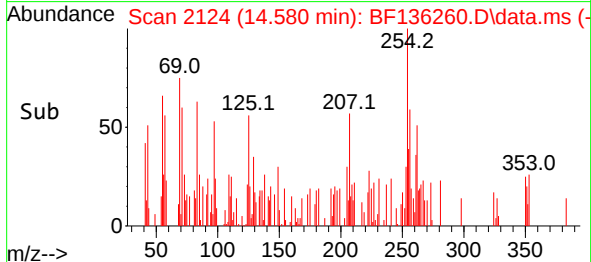
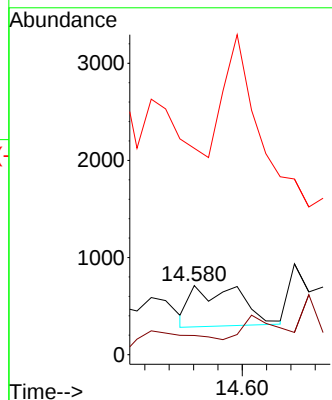
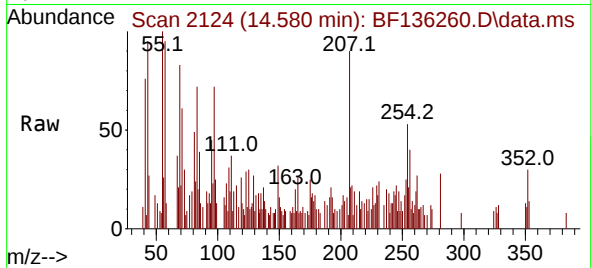




#85
Di-n-octyl phthalate
Concen: 11.467 ng
RT: 14.580 min Scan# 2127
Delta R.T. -0.018 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

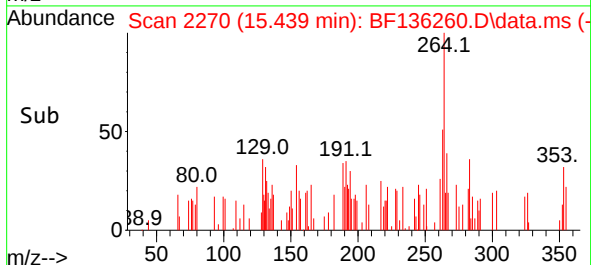
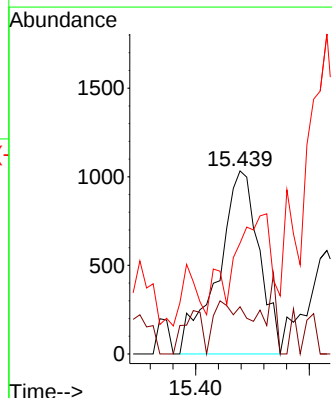
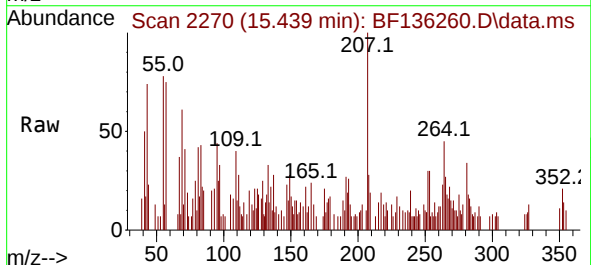
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

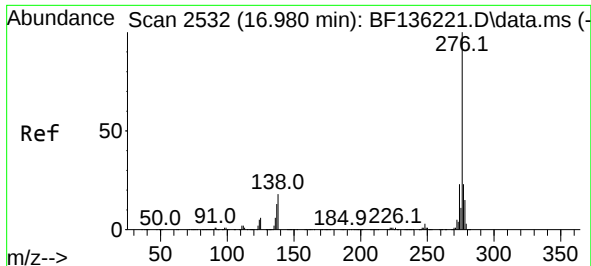
Tgt Ion:149 Resp: 597
Ion Ratio Lower Upper
149 100
167 80.4 1.0 1.6#
43 0.0 7.2 10.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.035 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:264 Resp: 2577
Ion Ratio Lower Upper
264 100
260 25.8 18.6 27.8
265 60.6 15.7 23.5#

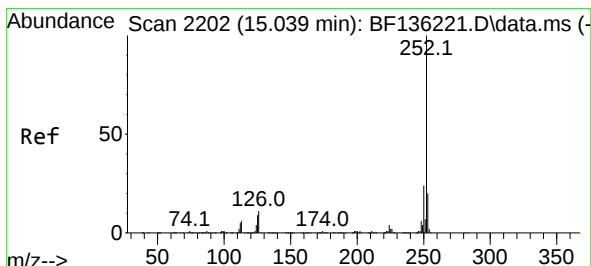
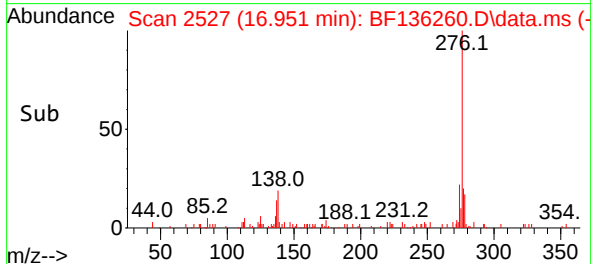
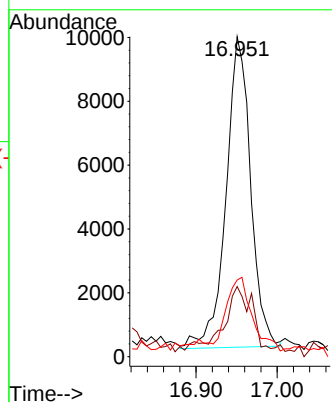
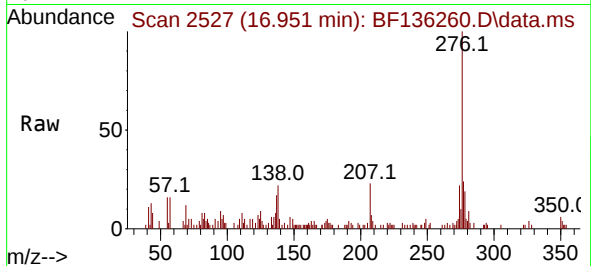




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 103.246 ng
 RT: 16.951 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF136260.D
 Acq: 28 Nov 2023 21:05

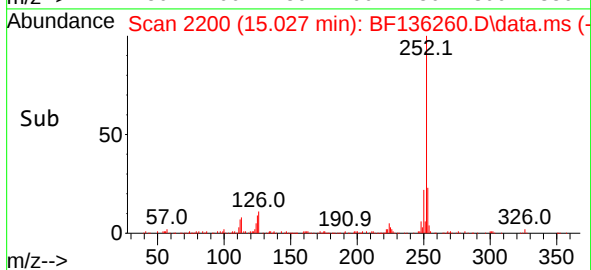
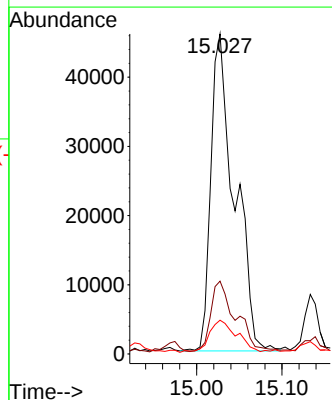
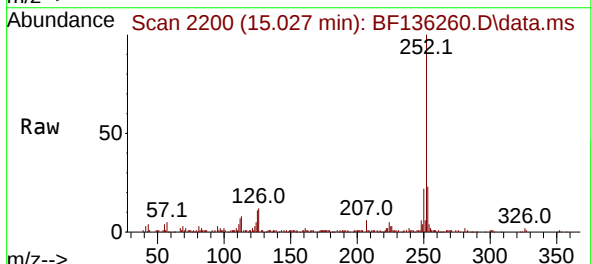
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023

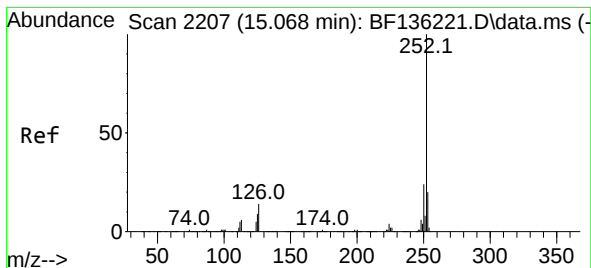
Tgt Ion:276 Resp: 20517
 Ion Ratio Lower Upper
 276 100
 138 22.3 17.7 26.5
 277 22.9 19.6 29.4



#88
 Benzo(b)fluoranthene
 Concen: 489.949 ng
 RT: 15.027 min Scan# 2200
 Delta R.T. -0.012 min
 Lab File: BF136260.D
 Acq: 28 Nov 2023 21:05

Tgt Ion:252 Resp: 88582
 Ion Ratio Lower Upper
 252 100
 253 22.7 16.2 24.2
 125 10.5 6.9 10.3#





#89

Benzo(k)fluoranthene

Concen: 515.865 ng

RT: 15.027 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023

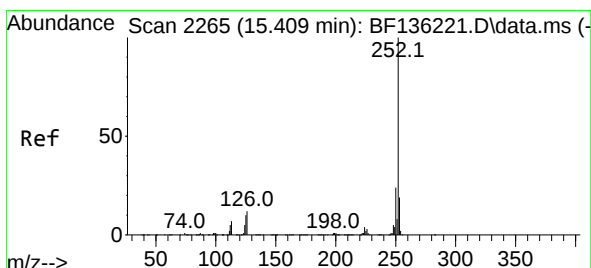
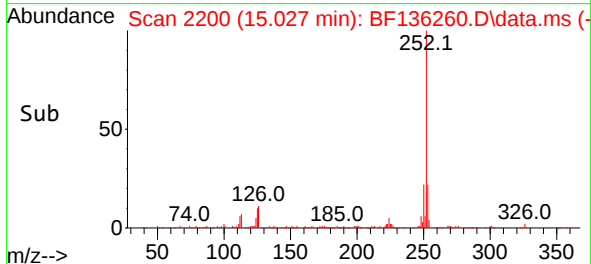
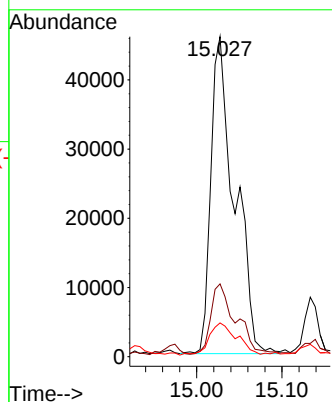
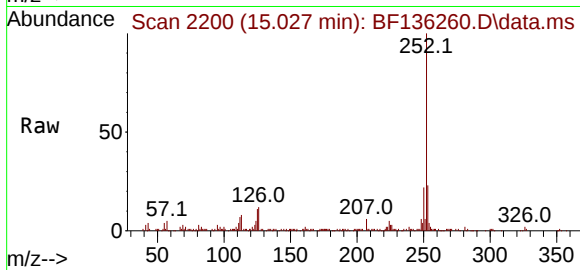
Tgt Ion:252 Resp: 88582

Ion Ratio Lower Upper

252 100

253 22.7 15.6 23.4

125 10.5 7.0 10.4#



#90

Benzo(a)pyrene

Concen: 314.442 ng

RT: 15.392 min Scan# 2262

Delta R.T. -0.017 min

Lab File: BF136260.D

Acq: 28 Nov 2023 21:05

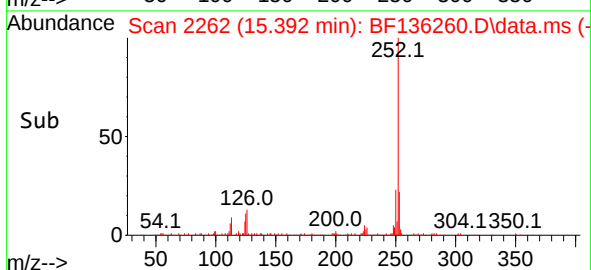
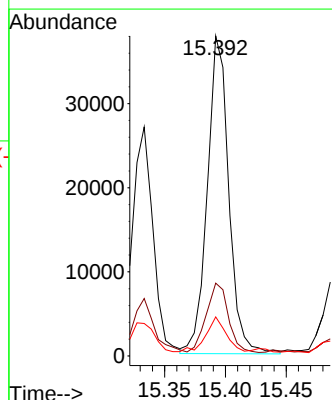
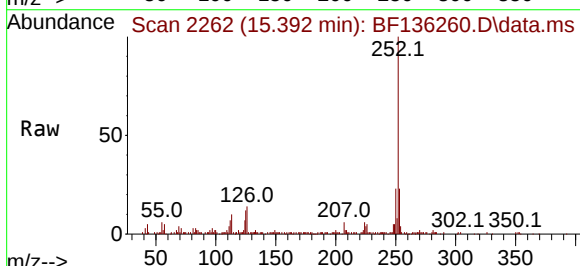
Tgt Ion:252 Resp: 46474

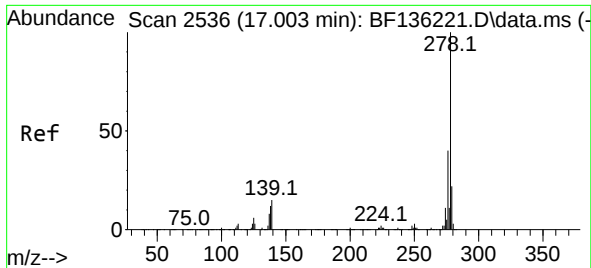
Ion Ratio Lower Upper

252 100

253 22.7 15.5 23.3

125 12.2 7.9 11.9#

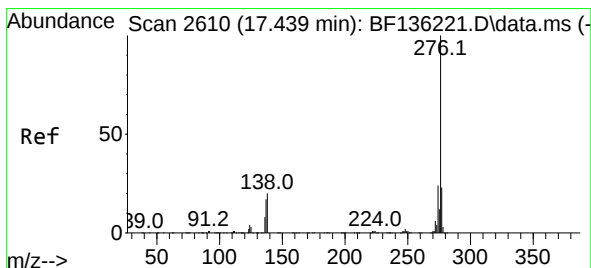
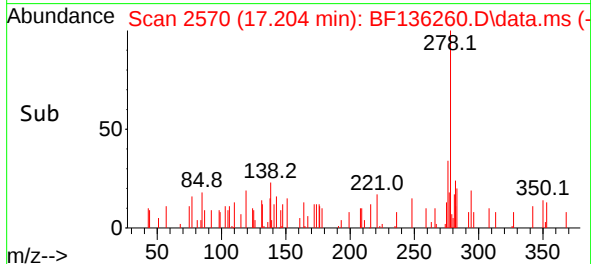
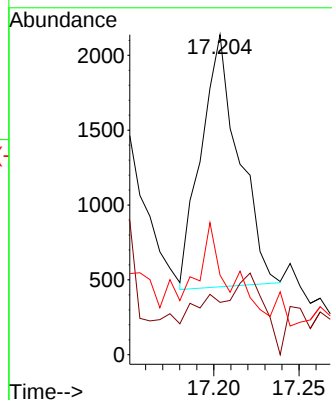
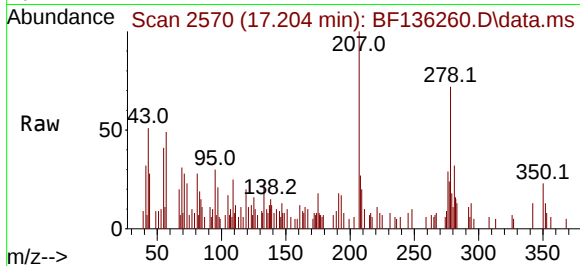




#91
Dibenzo(a,h)anthracene
Concen: 18.556 ng
RT: 17.204 min Scan# 21
Delta R.T. 0.201 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023

Tgt Ion:	278	Resp:	2596
Ion Ratio	Lower	Upper	
278	100		
139	16.4	11.7	17.5
279	24.8	17.8	26.8



#92
Benzo(g,h,i)perylene
Concen: 132.147 ng
RT: 17.404 min Scan# 2604
Delta R.T. -0.035 min
Lab File: BF136260.D
Acq: 28 Nov 2023 21:05

Tgt Ion:	276	Resp:	21039
Ion Ratio	Lower	Upper	
276	100		
277	26.4	18.6	27.8
138	24.0	15.8	23.8

