

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
 Data File : BF135616.D
 Acq On : 05 Oct 2023 23:56
 Operator : CG\JU
 Sample : 04622-01DL 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 I-4(0-5)

Quant Time: Oct 06 03:49:49 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

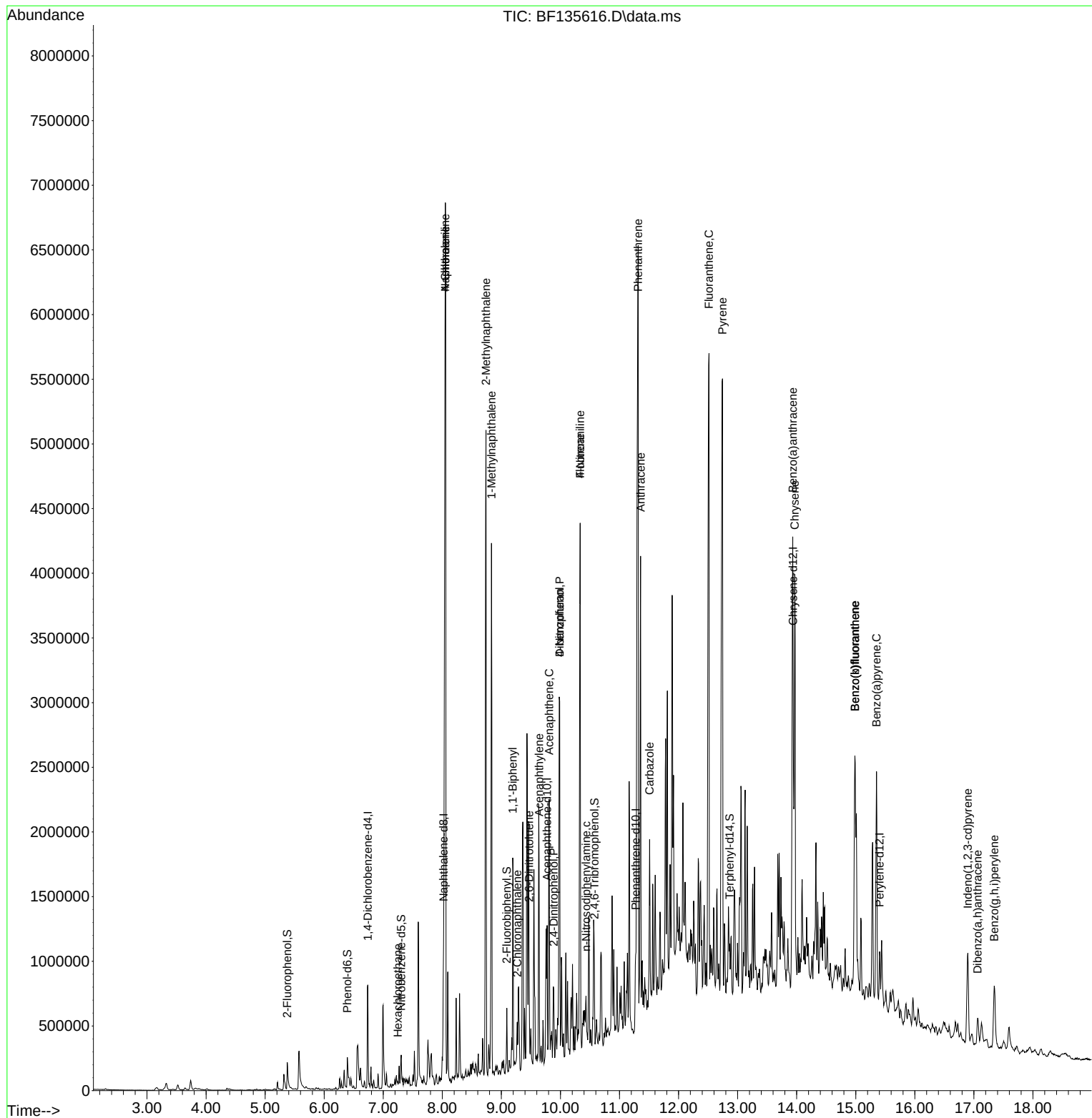
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	127213	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	448438	20.000	ng	0.00
39) Acenaphthene-d10	9.774	164	200462	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	275933	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	184766	20.000	ng	# 0.01
86) Perylene-d12	15.404	264	182605	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	81203	10.382	ng	0.00
7) Phenol-d6	6.392	99	106508	10.709	ng	0.00
23) Nitrobenzene-d5	7.304	82	62114	7.525	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	13906	6.981	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	122568	9.225	ng	0.00
79) Terphenyl-d14	12.863	244	87299	7.324	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.245	117	7011	2.198	ng	# 5
31) Naphthalene	8.051	128	4474588	205.367	ng	97
33) 4-Chloroaniline	8.051	127	625460	65.429	ng	# 32
37) 2-Methylnaphthalene	8.739	142	1448343	98.890	ng	99
38) 1-Methylnaphthalene	8.833	142	1102668	80.415	ng	99
46) 1,1'-Biphenyl	9.192	154	517640	33.602	ng	99
47) 2-Chloronaphthalene	9.269	162	57310	5.127	ng	# 47
49) Acenaphthylene	9.639	152	541530	29.152	ng	98
51) 2,6-Dinitrotoluene	9.469	165	8757	2.949	ng	# 67
52) Acenaphthene	9.810	154	405246	36.929	ng	98
54) 2,4-Dinitrophenol	9.886	184	403	6.468	ng	# 1
55) Dibenzofuran	9.986	168	1044253	62.360	ng	100
56) 4-Nitrophenol	9.986	139	389369	175.786	ng	# 4
58) Fluorene	10.333	166	1351488	104.983	ng	100
62) 4-Nitroaniline	10.333	138	14058	4.196	ng	# 28
66) n-Nitrosodiphenylamine	10.433	169	33457	4.005	ng	# 65
71) Phenanthrene	11.316	178	3740359	286.608	ng	98
72) Anthracene	11.357	178	1385594	103.291	ng	100
73) Carbazole	11.510	167	443319	36.303	ng	99
75) Fluoranthene	12.515	202	3229569	237.496	ng	98
78) Pyrene	12.745	202	3021100	171.740	ng	98
81) Benzo(a)anthracene	13.933	228	1722808	144.400	ng	95
83) Chrysene	13.968	228	1455661	122.716	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	464228	38.774	ng	98
88) Benzo(b)fluoranthene	14.986	252	1765223	178.575	ng	# 94
89) Benzo(k)fluoranthene	14.986	252	1765223	180.776	ng	# 95
90) Benzo(a)pyrene	15.351	252	956647	101.482	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	123168	12.573	ng	95
92) Benzo(g,h,i)perylene	17.345	276	432565	42.280	ng	98

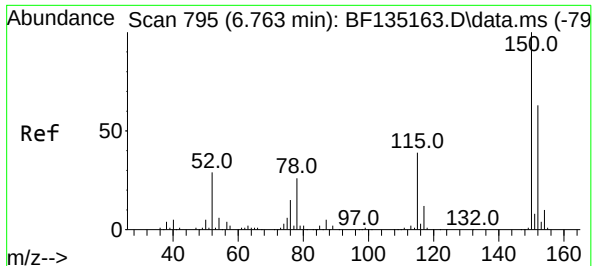
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100523\
Data File : BF135616.D
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QLast Update : Wed Oct 04 17:06:20 2023
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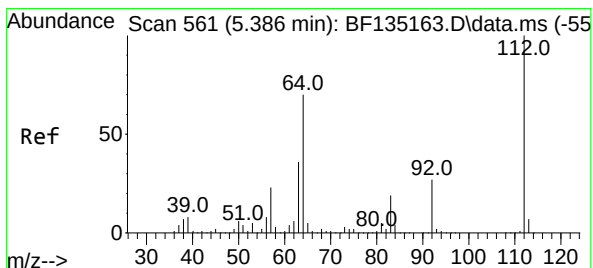
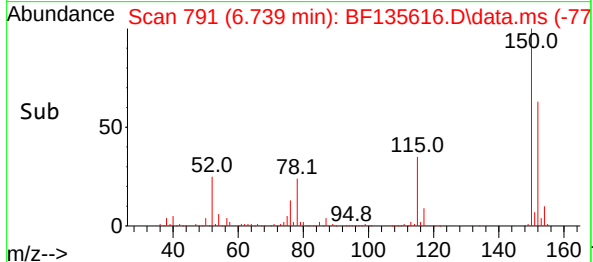
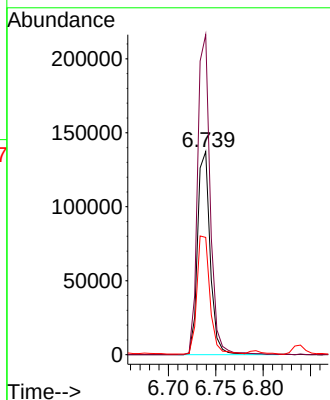
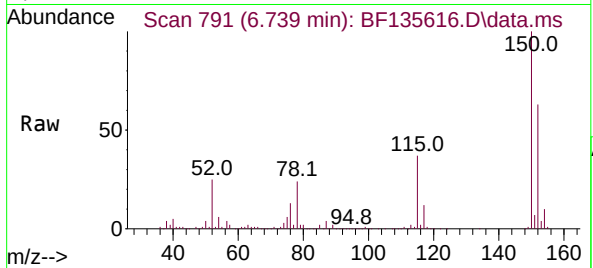




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

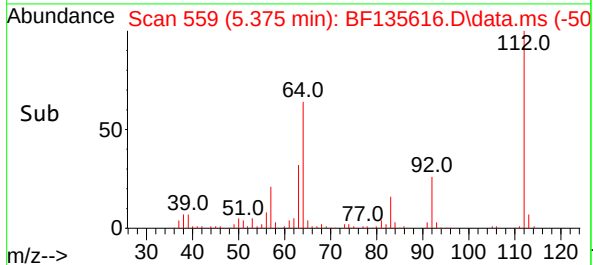
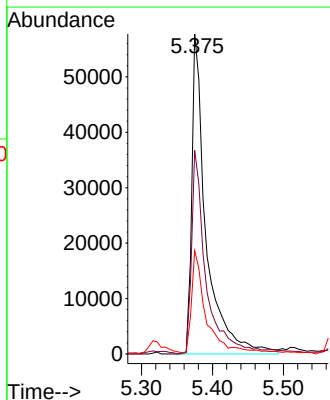
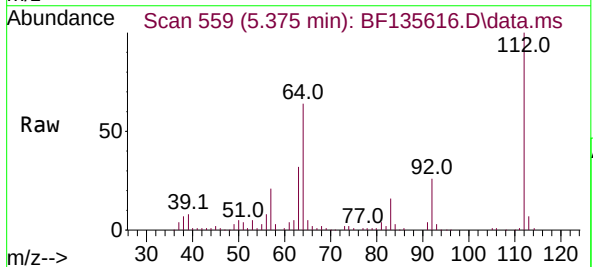
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

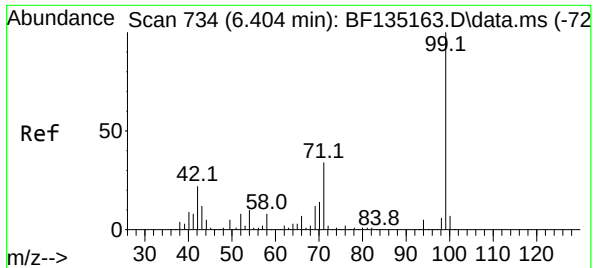
Tgt Ion:152 Resp: 127213
Ion Ratio Lower Upper
152 100
150 157.6 127.8 191.6
115 57.8 49.8 74.8



#5
2-Fluorophenol
Concen: 10.382 ng
RT: 5.375 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:112 Resp: 81203
Ion Ratio Lower Upper
112 100
64 63.6 55.9 83.9
63 32.3 29.0 43.6

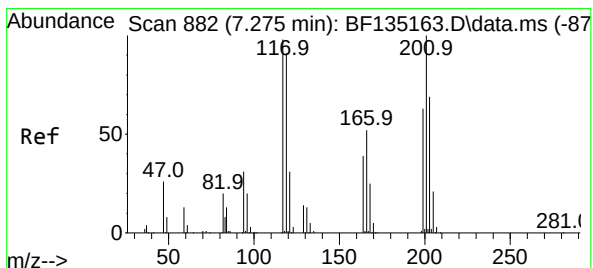
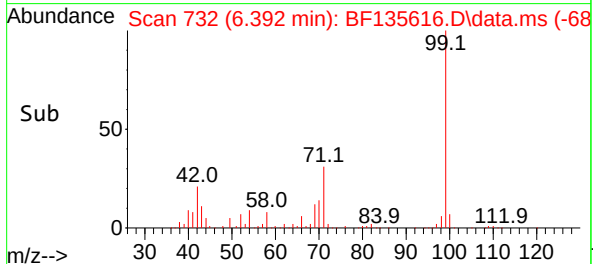
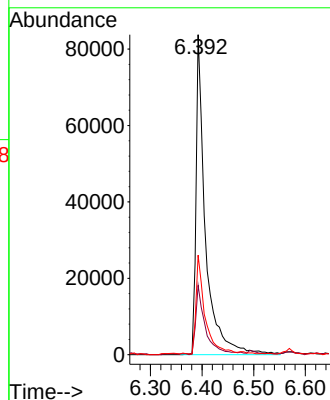
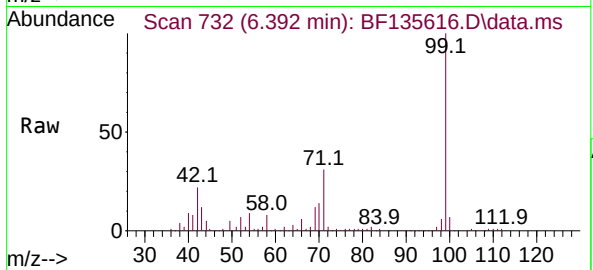




#7
Phenol-d6
Concen: 10.709 ng
RT: 6.392 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

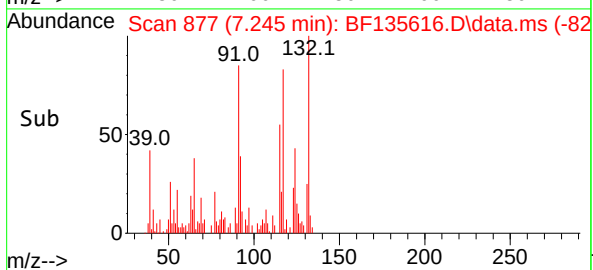
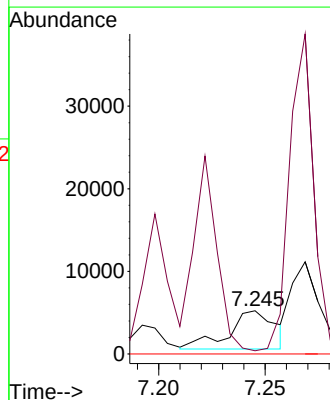
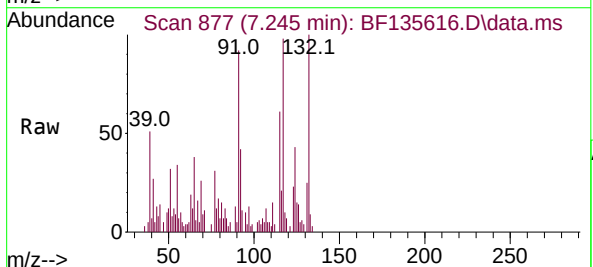
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

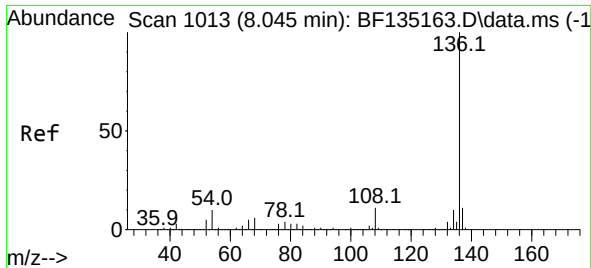
Tgt Ion: 99 Resp: 106508
Ion Ratio Lower Upper
99 100
42 21.6 17.9 26.9
71 31.1 27.0 40.6



#18
Hexachloroethane
Concen: 2.198 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion: 117 Resp: 7011
Ion Ratio Lower Upper
117 100
119 7.5 74.7 112.1#
201 0.0 81.8 122.8#

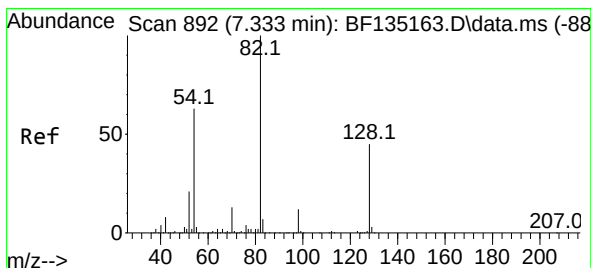
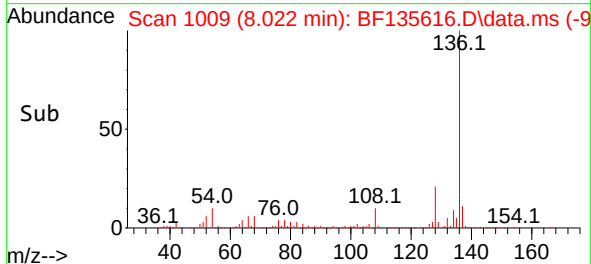
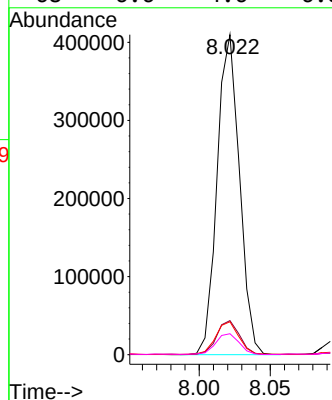
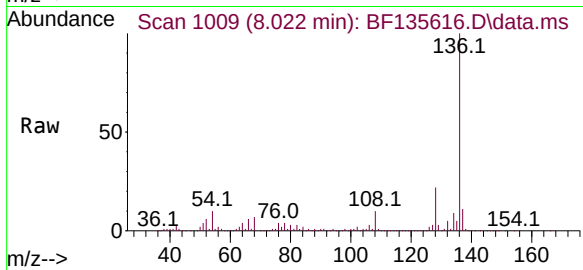




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

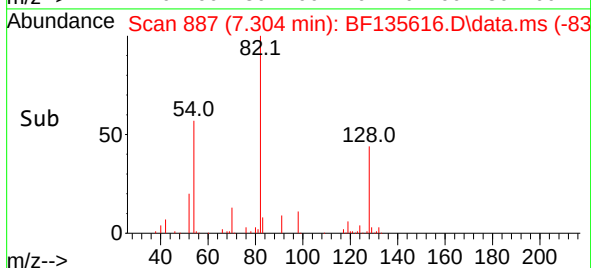
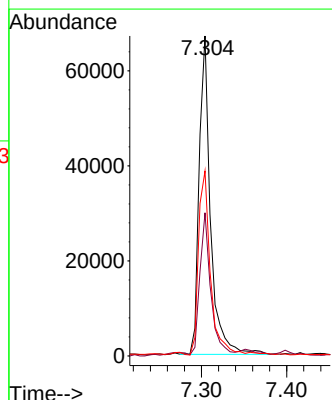
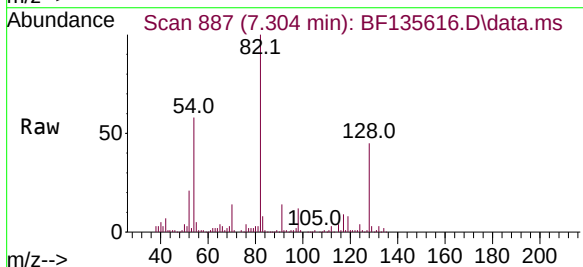
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

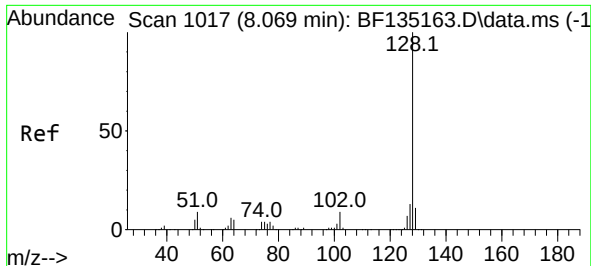
Tgt Ion:136 Resp: 448438
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.3 7.7 11.5
68 6.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 7.525 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion: 82 Resp: 62114
Ion Ratio Lower Upper
82 100
128 44.7 35.8 53.6
54 57.8 50.6 76.0

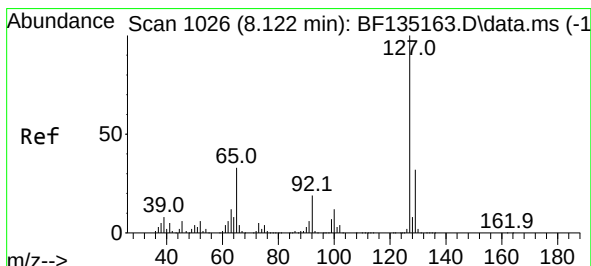
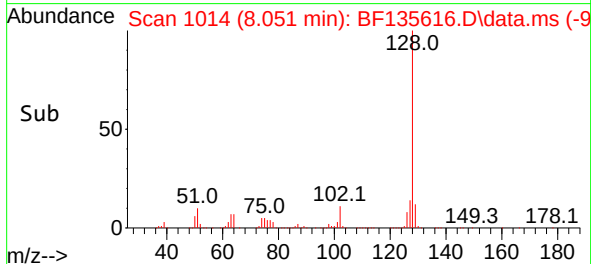
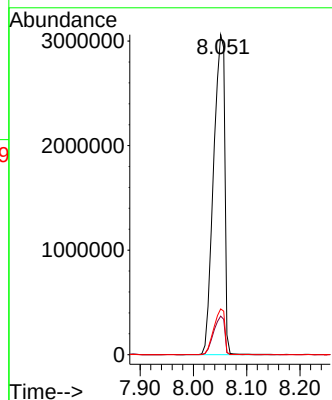
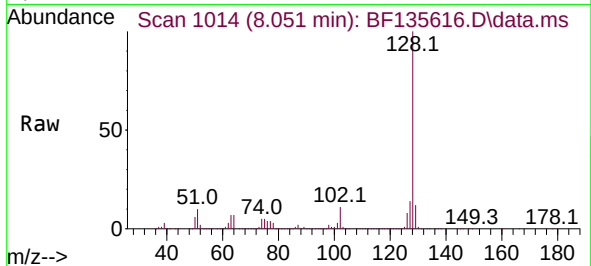




#31
Naphthalene
Concen: 205.367 ng
RT: 8.051 min Scan# 1014
Delta R.T. 0.012 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

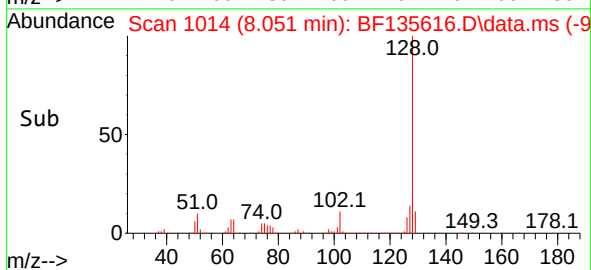
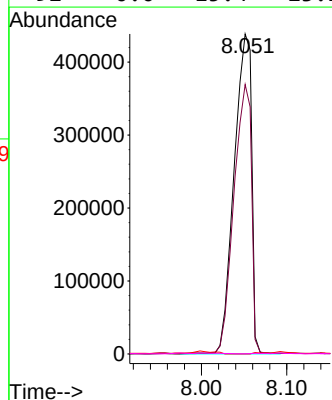
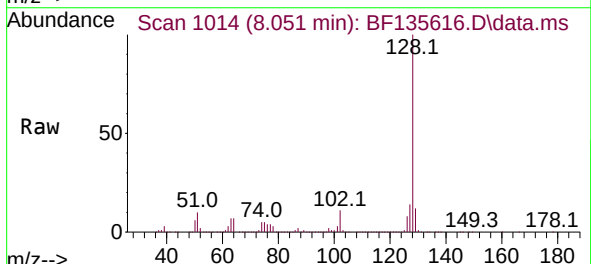
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ClientSampleId :
I-4(0-5)

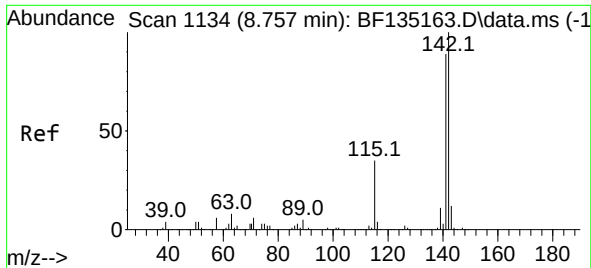
Tgt Ion:128 Resp: 4474588
Ion Ratio Lower Upper
128 100
129 12.1 8.7 13.1
127 14.3 10.7 16.1



#33
4-Chloroaniline
Concen: 65.429 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.047 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:127 Resp: 625460
Ion Ratio Lower Upper
127 100
129 84.2 25.8 38.8#
65 0.0 26.6 39.8#
92 0.0 15.4 23.2#





#37

2-Methylnaphthalene

Concen: 98.890 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.006 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

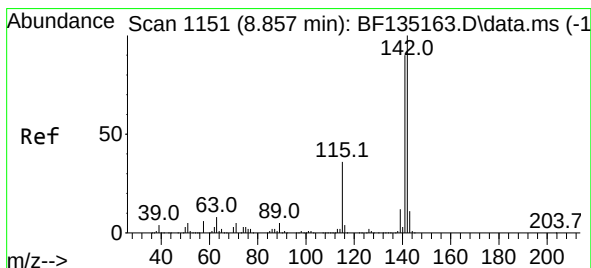
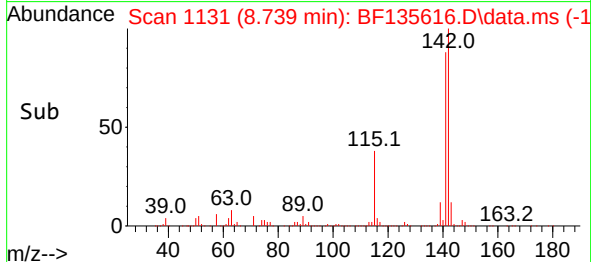
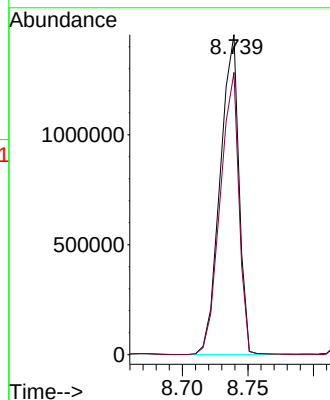
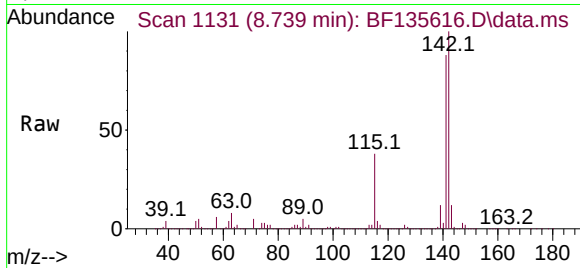
I-4(0-5)

Tgt Ion:142 Resp: 1448343

Ion Ratio Lower Upper

142 100

141 88.2 71.0 106.6



#38

1-Methylnaphthalene

Concen: 80.415 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135616.D

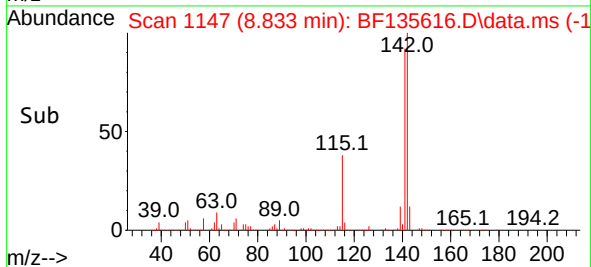
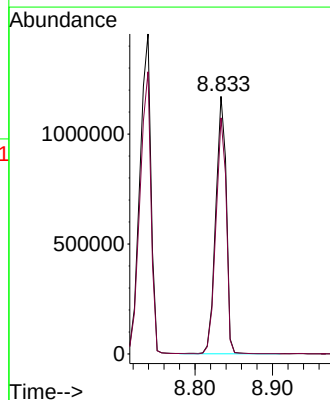
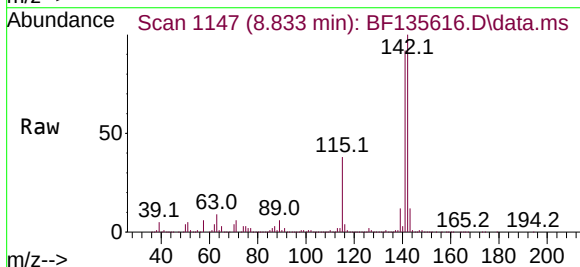
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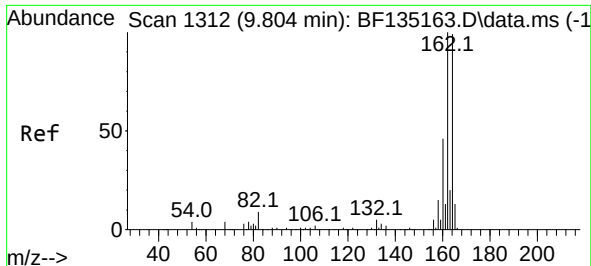
Tgt Ion:142 Resp: 1102668

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6

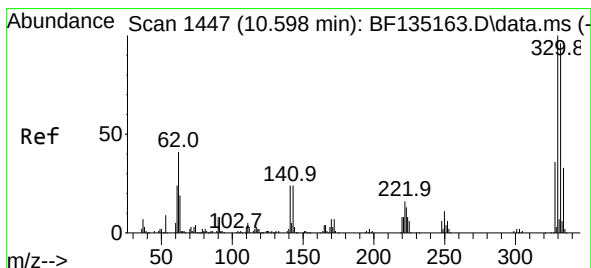
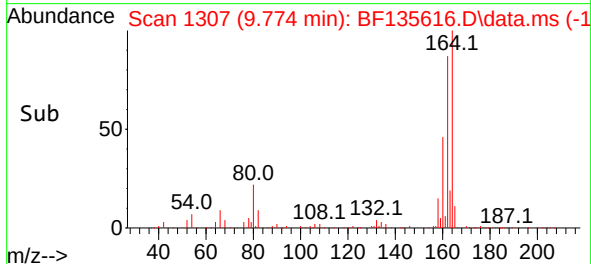
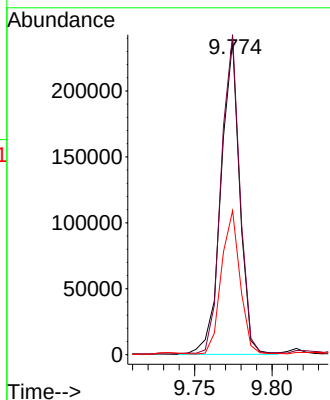
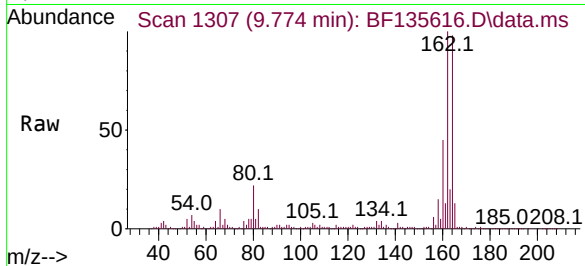




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

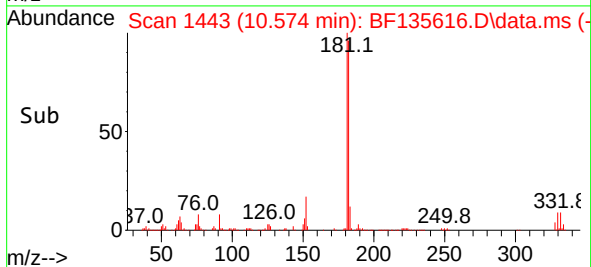
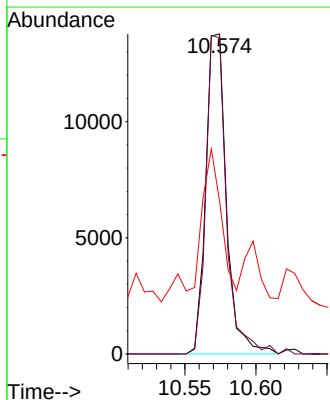
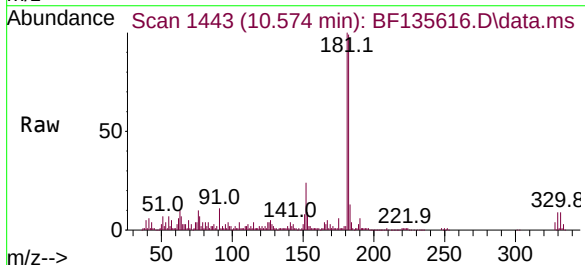
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I-4(0-5)

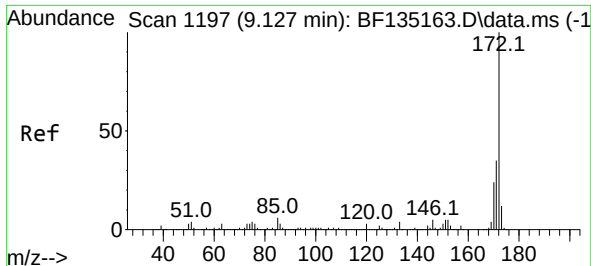
Tgt Ion:164 Resp: 200462
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 45.8 37.0 55.4



#42
2,4,6-Tribromophenol
Concen: 6.981 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:330 Resp: 13906
Ion Ratio Lower Upper
330 100
332 98.7 77.3 115.9
141 50.9 25.8 38.8#





#45

2-Fluorobiphenyl

Concen: 9.225 ng

RT: 9.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

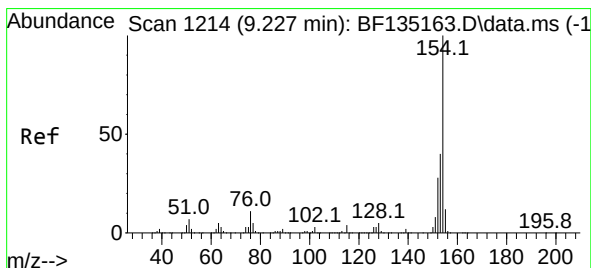
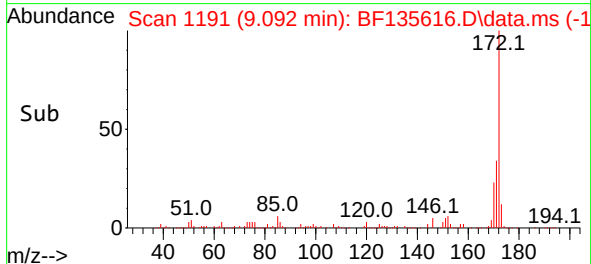
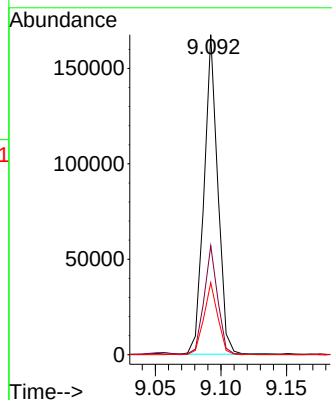
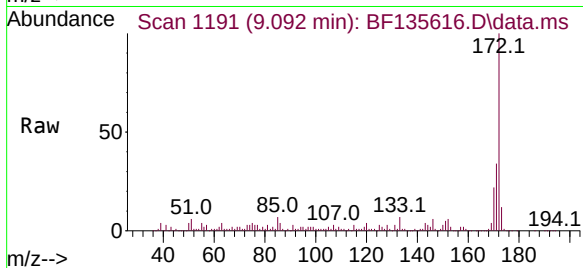
Tgt Ion:172 Resp: 122568

Ion Ratio Lower Upper

172 100

171 34.0 28.4 42.6

170 22.5 19.0 28.4



#46

1,1'-Biphenyl

Concen: 33.602 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

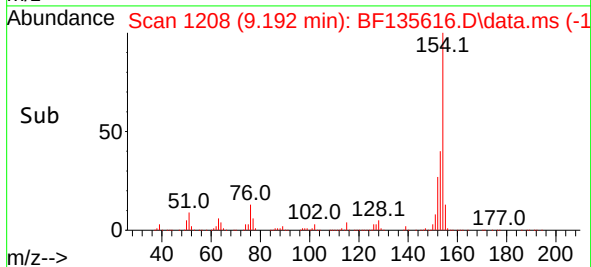
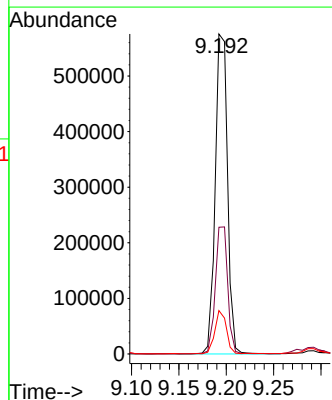
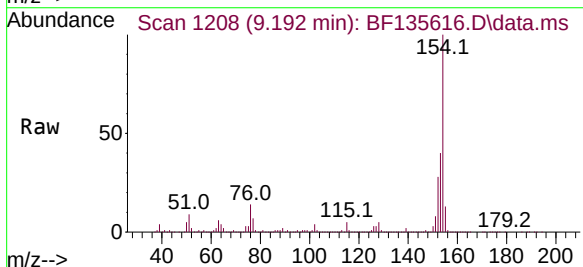
Tgt Ion:154 Resp: 517640

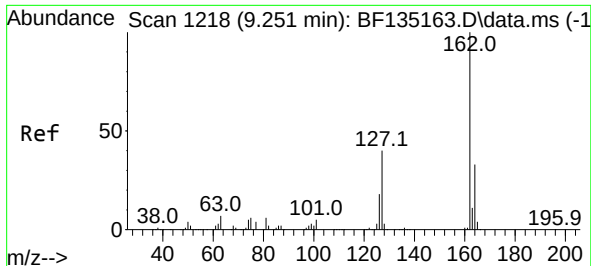
Ion Ratio Lower Upper

154 100

153 39.6 19.6 59.6

76 13.5 0.0 31.0





#47

2-Chloronaphthalene

Concen: 5.127 ng

RT: 9.269 min Scan# 11

Delta R.T. 0.047 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

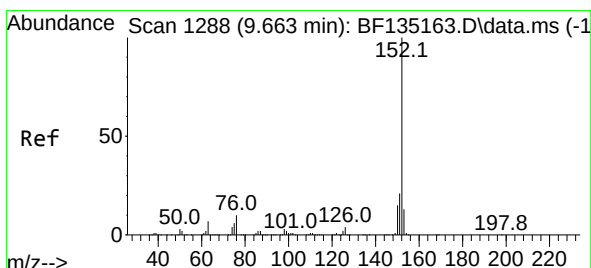
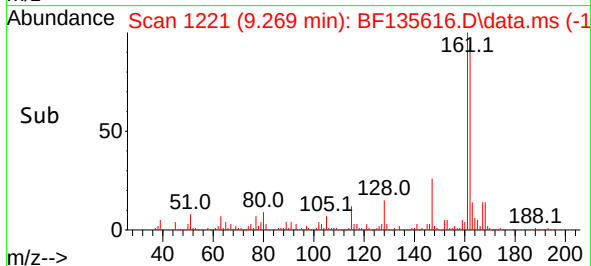
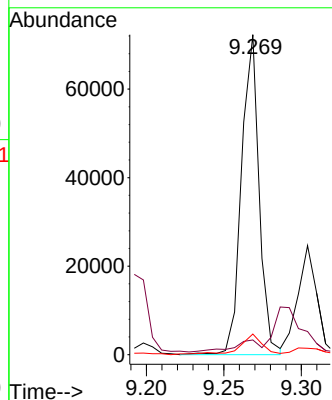
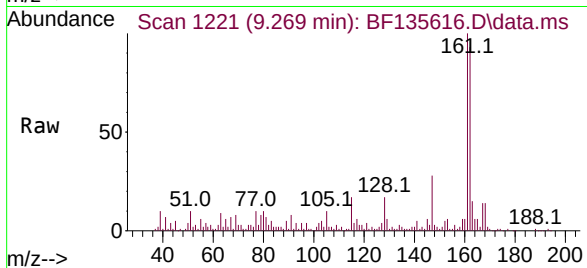
Tgt Ion:162 Resp: 57310

Ion Ratio Lower Upper

162 100

127 4.6 32.6 48.8#

164 6.5 26.2 39.2#



#49

Acenaphthylene

Concen: 29.152 ng

RT: 9.639 min Scan# 1284

Delta R.T. 0.000 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

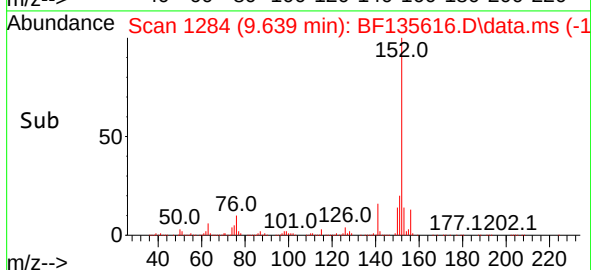
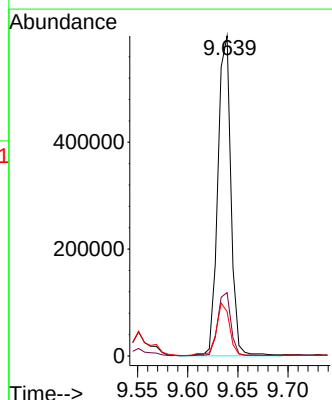
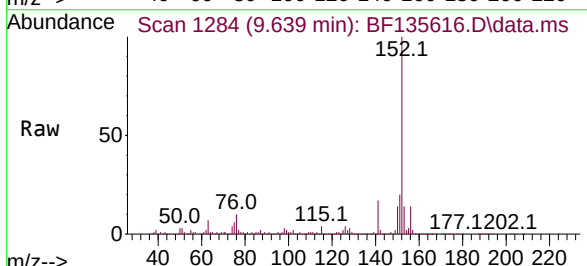
Tgt Ion:152 Resp: 541530

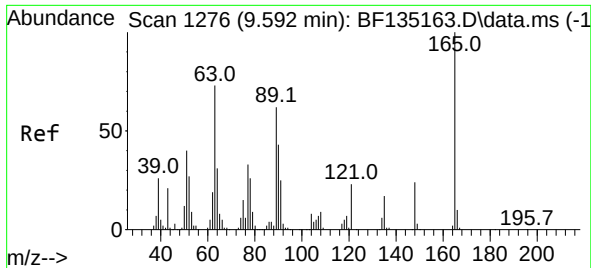
Ion Ratio Lower Upper

152 100

151 19.8 16.4 24.6

153 13.9 10.4 15.6

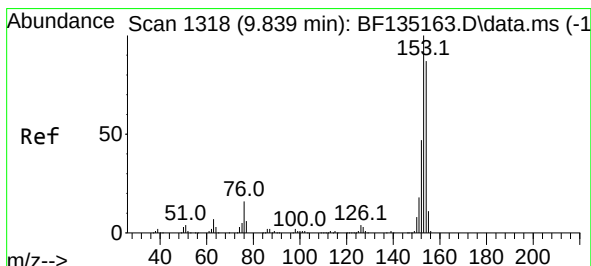
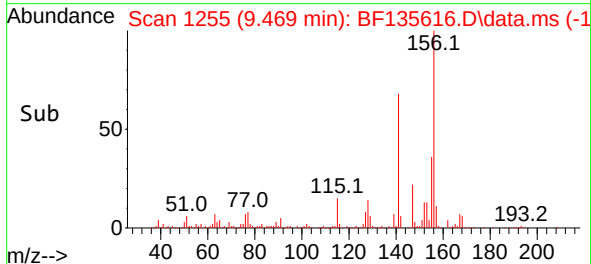
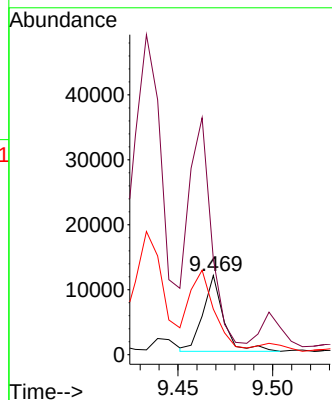
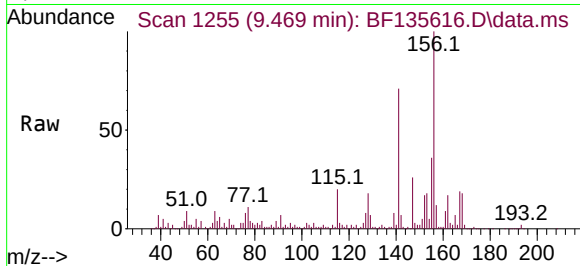




#51
2,6-Dinitrotoluene
Concen: 2.949 ng
RT: 9.469 min Scan# 11
Delta R.T. -0.106 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

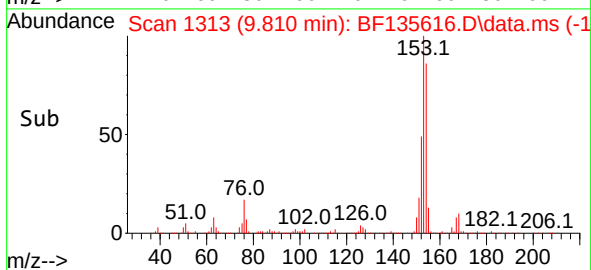
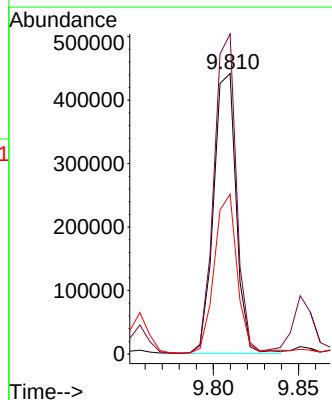
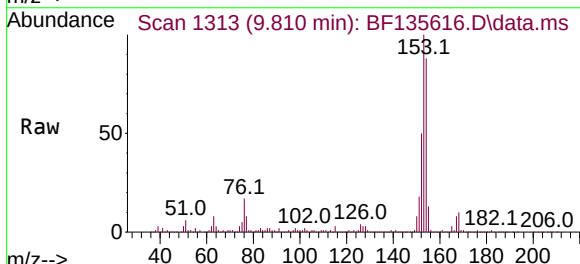
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

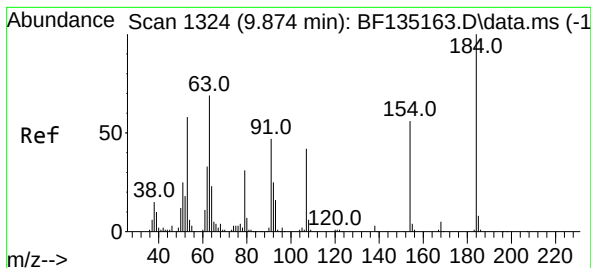
Tgt Ion:165 Resp: 8757
Ion Ratio Lower Upper
165 100
63 120.8 59.4 89.2#
89 57.7 49.8 74.8



#52
Acenaphthene
Concen: 36.929 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:154 Resp: 405246
Ion Ratio Lower Upper
154 100
153 114.1 92.1 138.1
152 56.9 43.1 64.7





#54

2,4-Dinitrophenol

Concen: 6.468 ng

RT: 9.886 min Scan# 1

Delta R.T. 0.024 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

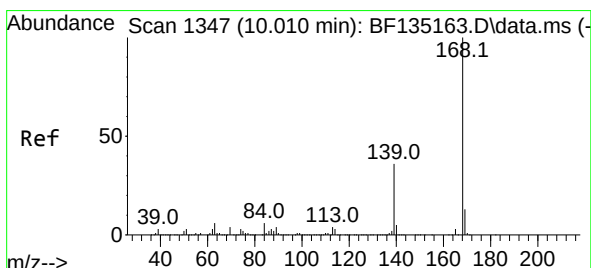
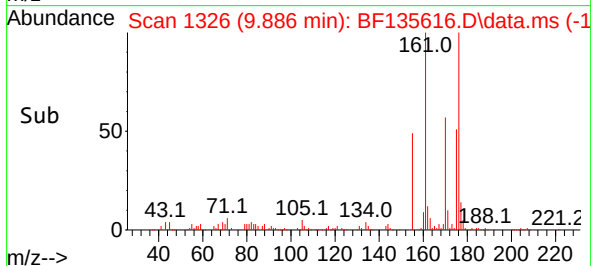
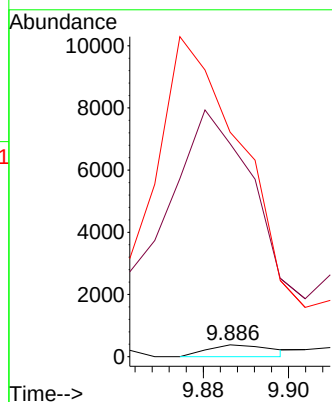
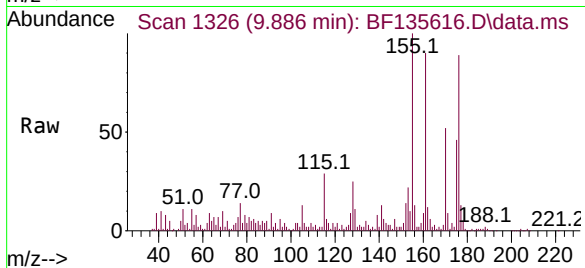
Tgt Ion:184 Resp: 403

Ion Ratio Lower Upper

184 100

63 1788.5 55.1 82.7#

154 1884.6 48.4 72.6#



#55

Dibenzofuran

Concen: 62.360 ng

RT: 9.986 min Scan# 1343

Delta R.T. 0.006 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

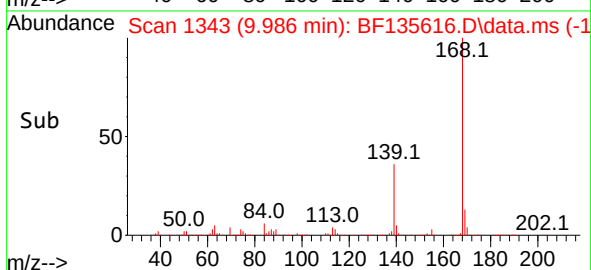
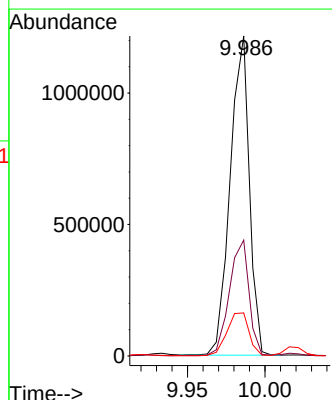
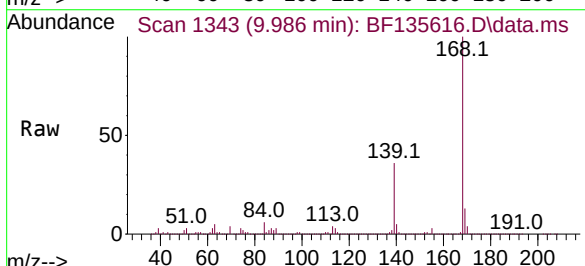
Tgt Ion:168 Resp: 1044253

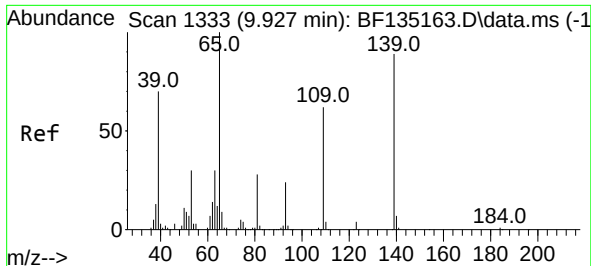
Ion Ratio Lower Upper

168 100

139 36.2 29.0 43.6

169 13.5 10.4 15.6

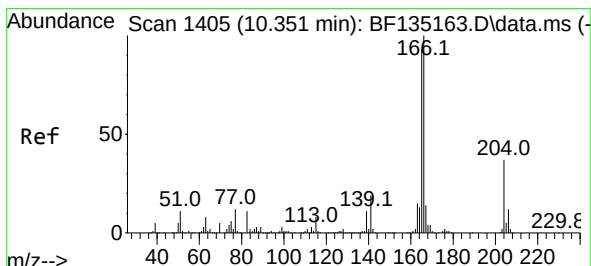
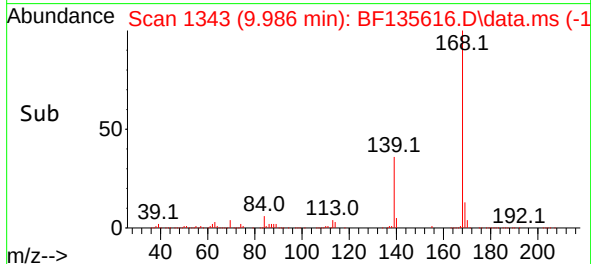
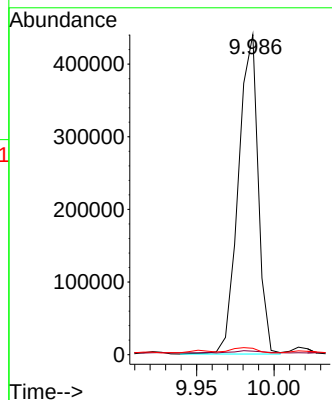
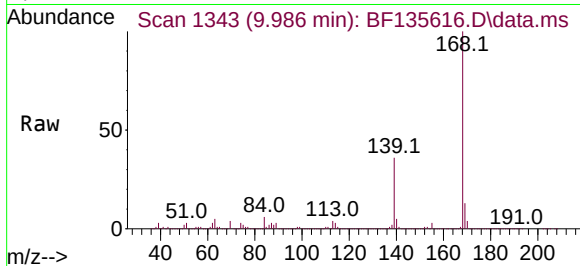




#56
4-Nitrophenol
Concen: 175.786 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.059 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

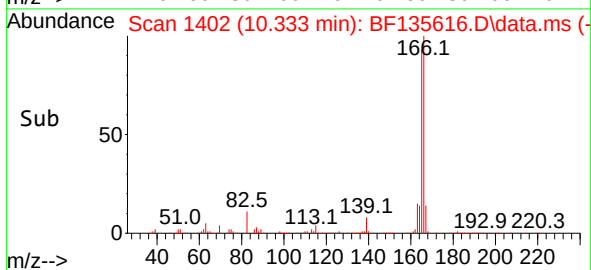
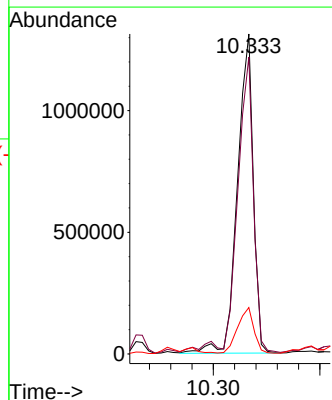
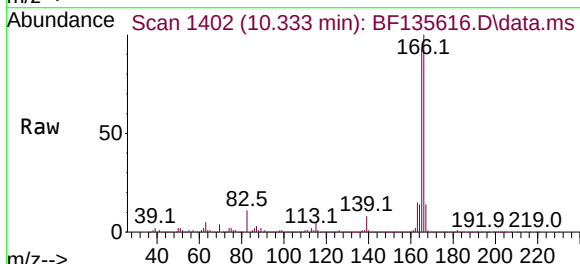
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

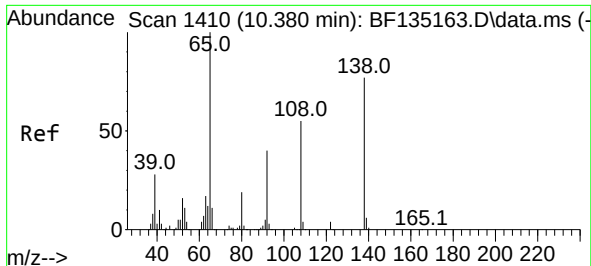
Tgt Ion:139 Resp: 389369
Ion Ratio Lower Upper
139 100
109 1.1 49.8 89.8#
65 2.0 92.7 132.7#



#58
Fluorene
Concen: 104.983 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:166 Resp: 1351488
Ion Ratio Lower Upper
166 100
165 92.8 74.3 111.5
167 14.5 10.9 16.3

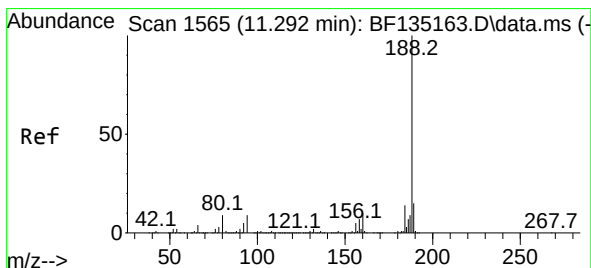
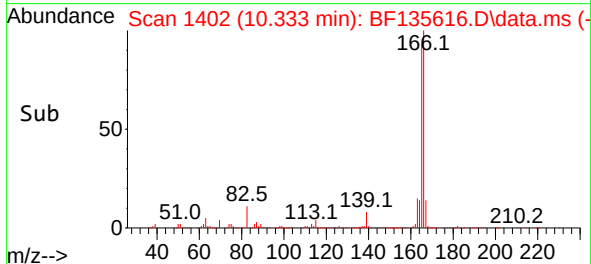
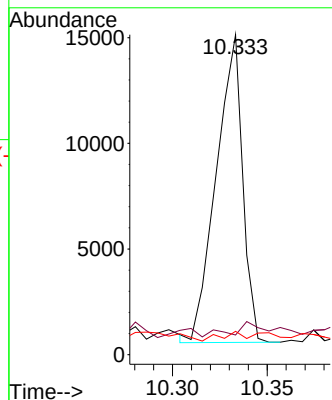
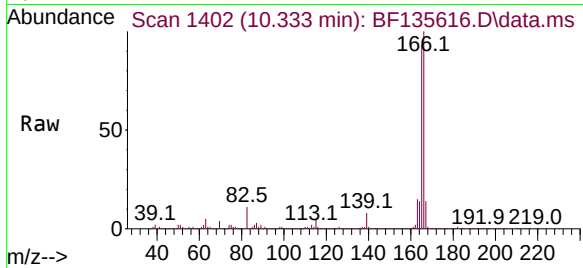




#62
4-Nitroaniline
Concen: 4.196 ng
RT: 10.333 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

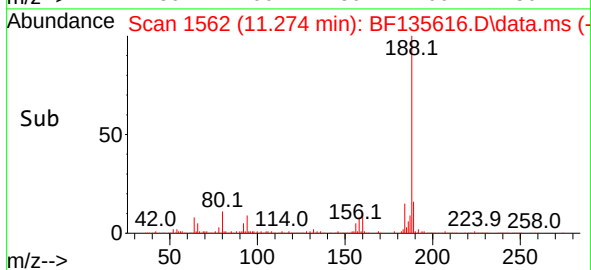
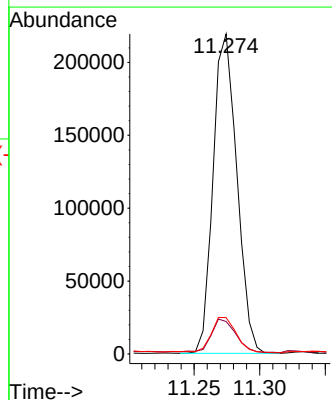
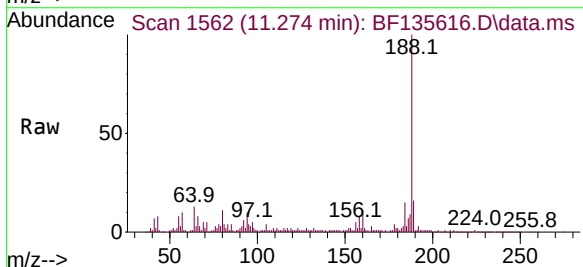
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

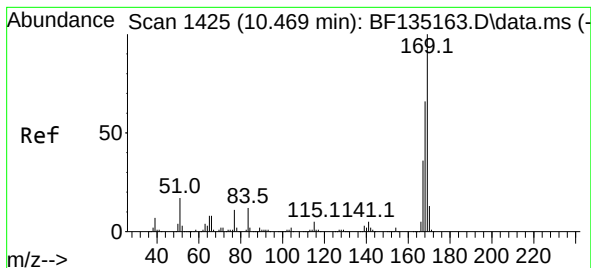
Tgt Ion:138 Resp: 14058
Ion Ratio Lower Upper
138 100
92 6.1 31.8 71.8#
108 7.3 52.0 92.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:188 Resp: 275933
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 11.3 7.5 11.3#

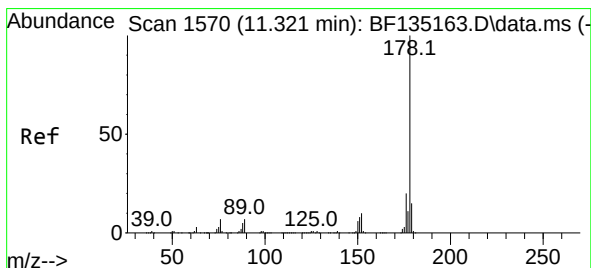
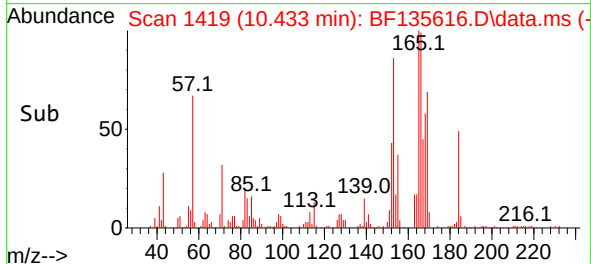
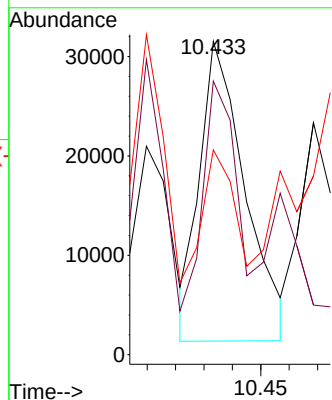
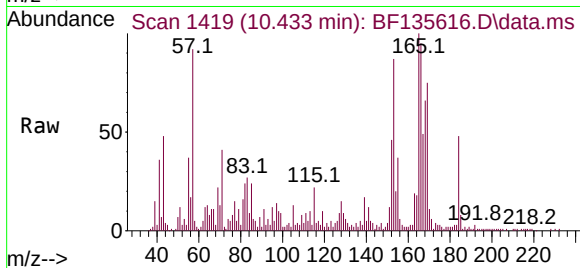




#66
n-Nitrosodiphenylamine
Concen: 4.005 ng
RT: 10.433 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

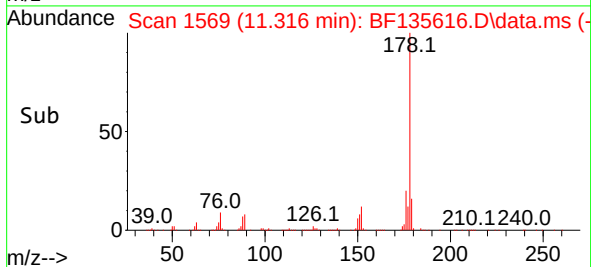
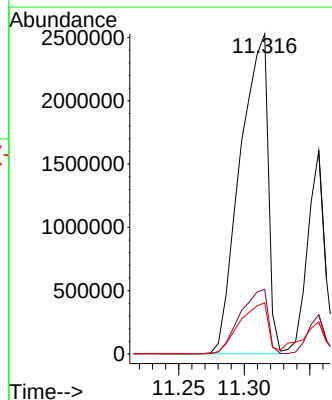
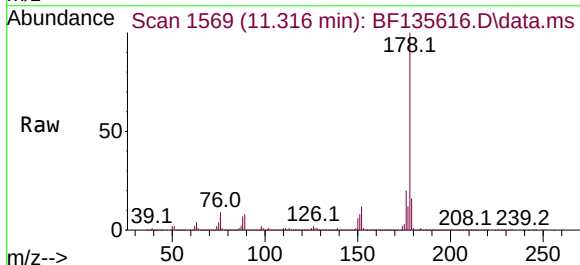
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

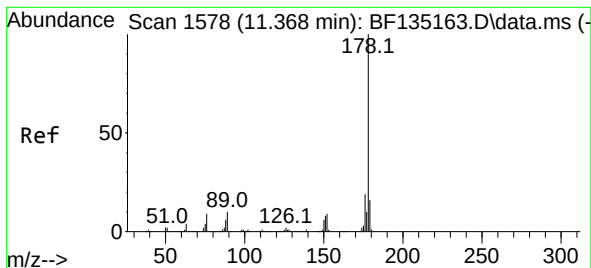
Tgt Ion:169 Resp: 33457
Ion Ratio Lower Upper
169 100
168 87.3 52.8 79.2#
167 65.4 29.0 43.6#



#71
Phenanthrene
Concen: 286.608 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.024 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:178 Resp: 3740359
Ion Ratio Lower Upper
178 100
176 20.2 15.6 23.4
179 16.0 12.0 18.0





#72

Anthracene

Concen: 103.291 ng

RT: 11.357 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

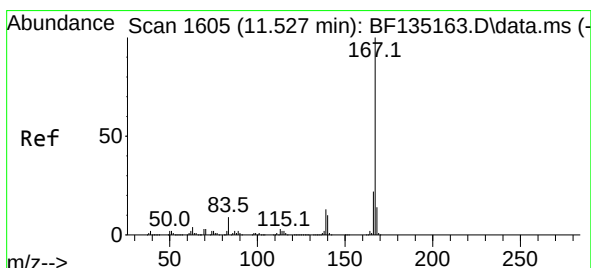
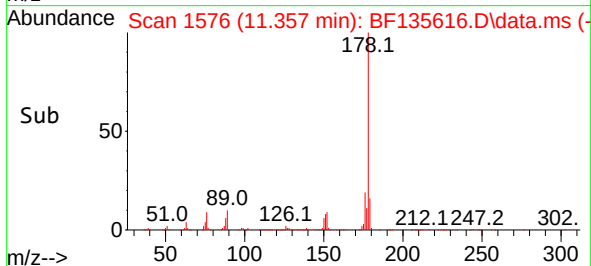
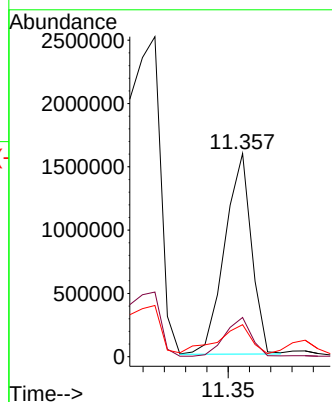
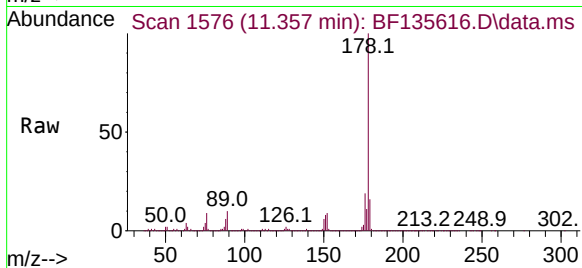
Tgt Ion:178 Resp: 1385594

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

179 15.7 12.6 19.0



#73

Carbazole

Concen: 36.303 ng

RT: 11.510 min Scan# 1602

Delta R.T. 0.000 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

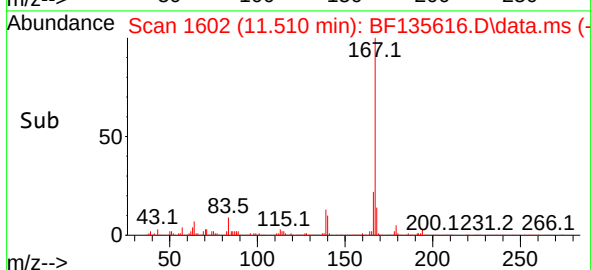
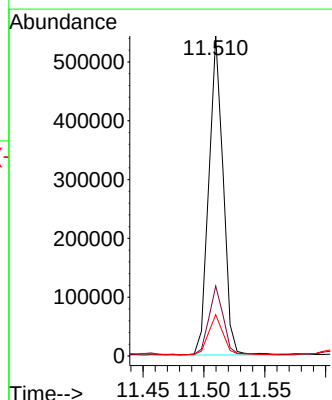
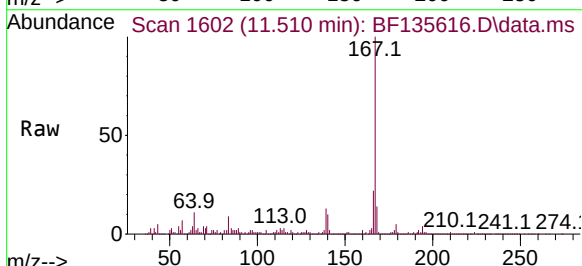
Tgt Ion:167 Resp: 443319

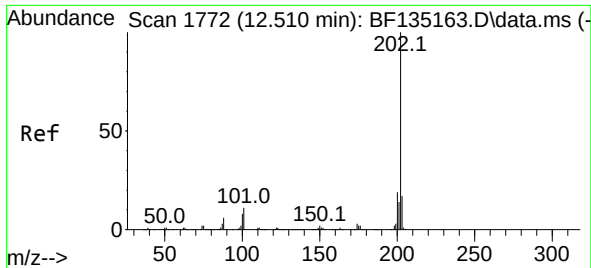
Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 12.9 10.6 15.8

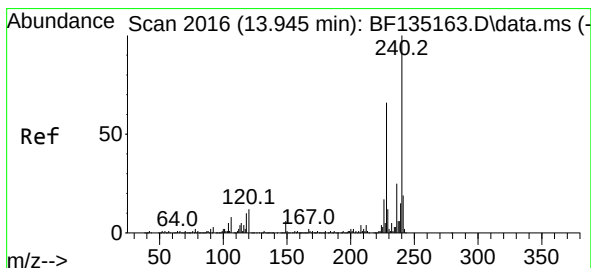
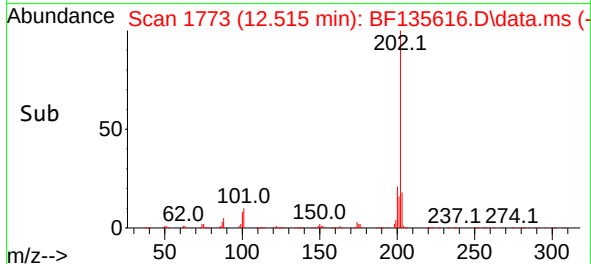
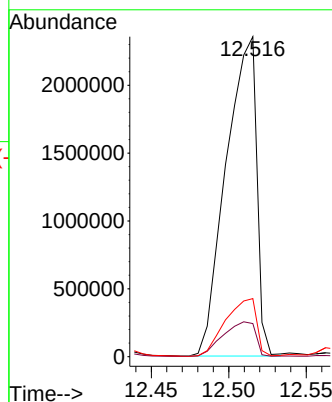
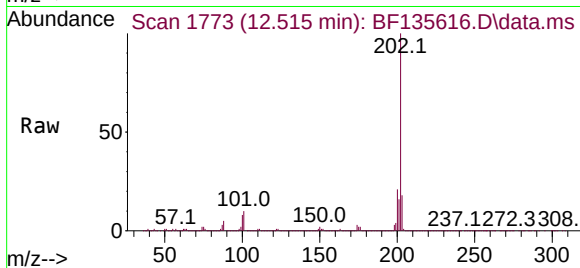




#75
Fluoranthene
Concen: 237.496 ng
RT: 12.515 min Scan# 1
Delta R.T. 0.029 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

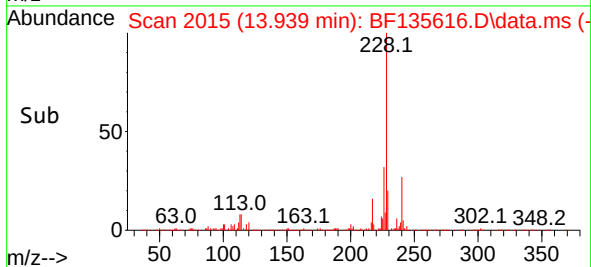
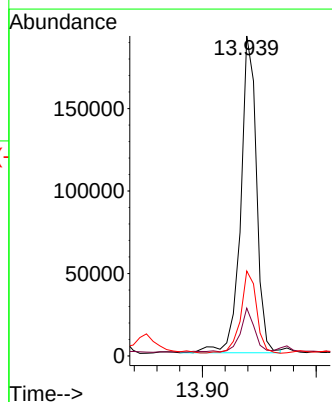
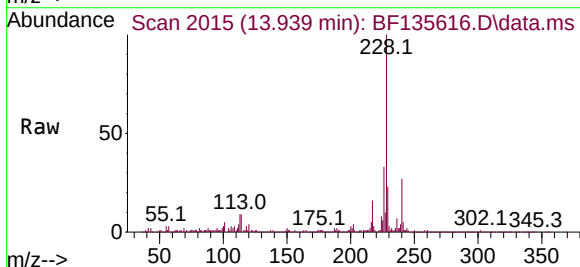
Instrument :
BNA_F
ClientSampleId :
I-4(0-5)

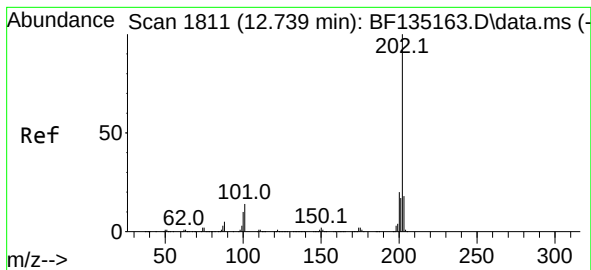
Tgt Ion:202 Resp: 3229569
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.3
203 18.2 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135616.D
Acq: 05 Oct 2023 23:56

Tgt Ion:240 Resp: 184766
Ion Ratio Lower Upper
240 100
120 15.0 9.4 14.2#
236 26.5 19.8 29.8





#78

Pyrene

Concen: 171.740 ng

RT: 12.745 min Scan# 1812

Delta R.T. 0.029 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

1-4(0-5)

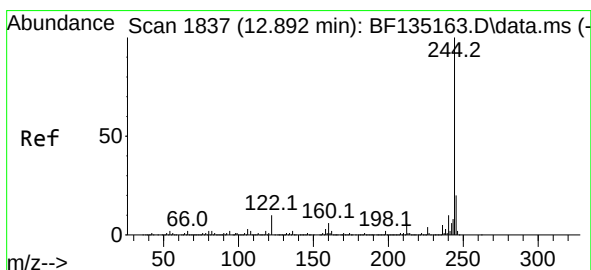
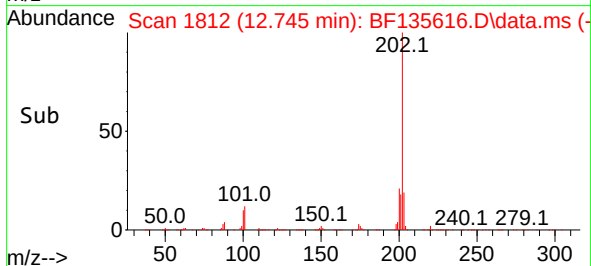
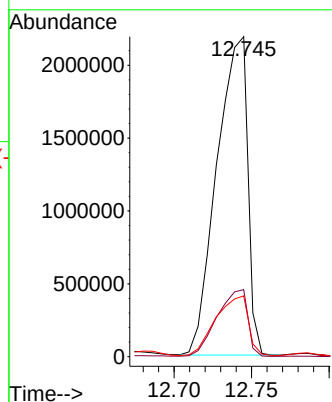
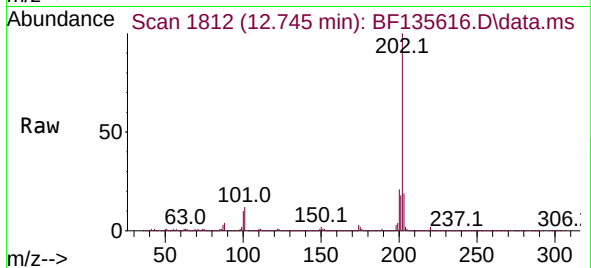
Tgt Ion:202 Resp: 3021100

Ion Ratio Lower Upper

202 100

200 21.0 16.2 24.2

203 19.0 14.2 21.4



#79

Terphenyl-d14

Concen: 7.324 ng

RT: 12.863 min Scan# 1832

Delta R.T. 0.000 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

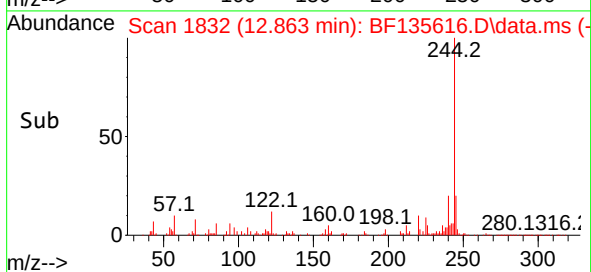
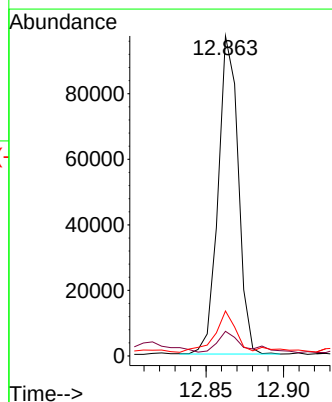
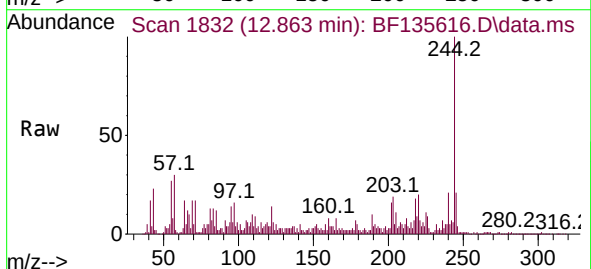
Tgt Ion:244 Resp: 87299

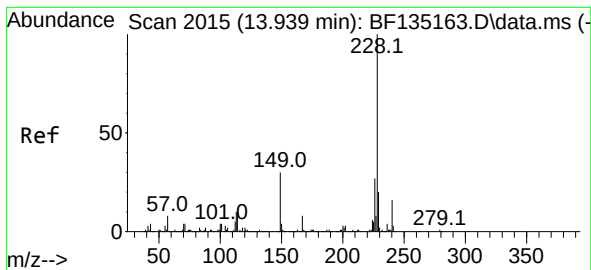
Ion Ratio Lower Upper

244 100

212 7.7 5.1 7.7#

122 14.0 7.9 11.9#





#81

Benzo(a)anthracene

Concen: 144.400 ng

RT: 13.933 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

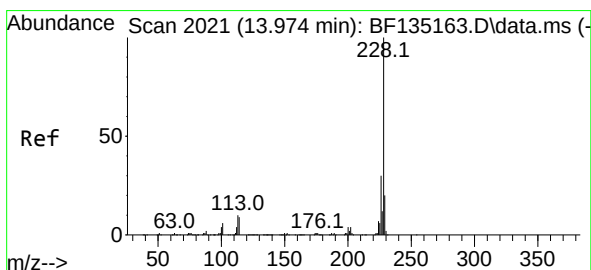
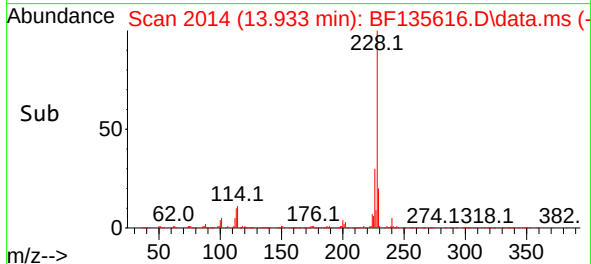
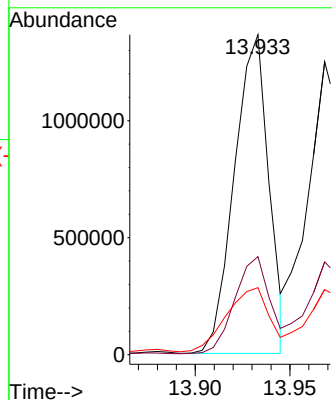
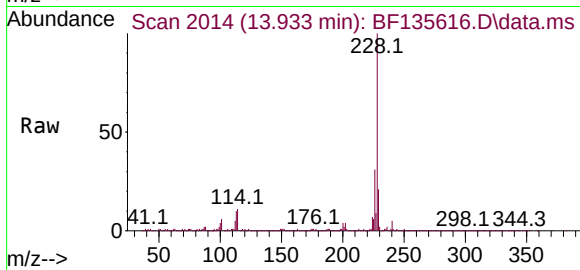
Tgt Ion:228 Resp: 1722808

Ion Ratio Lower Upper

228 100

226 30.6 21.7 32.5

229 21.0 15.8 23.8



#83

Chrysene

Concen: 122.716 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.018 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

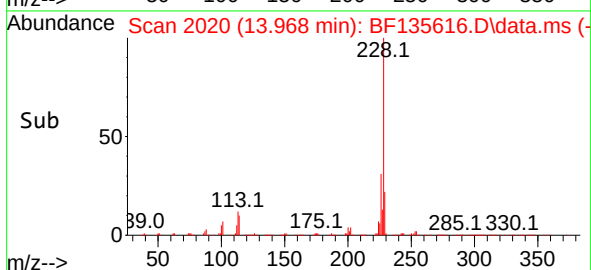
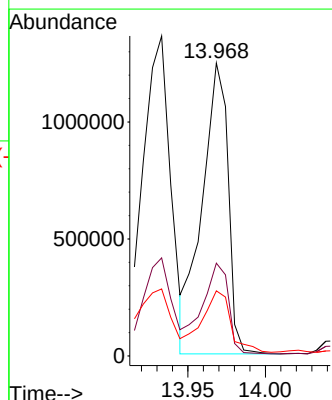
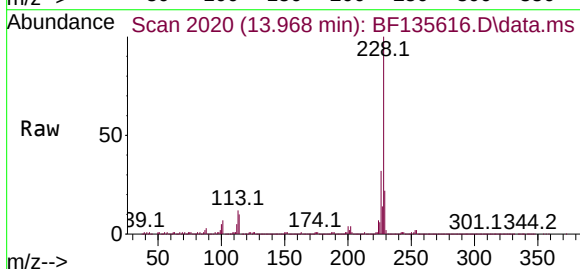
Tgt Ion:228 Resp: 1455661

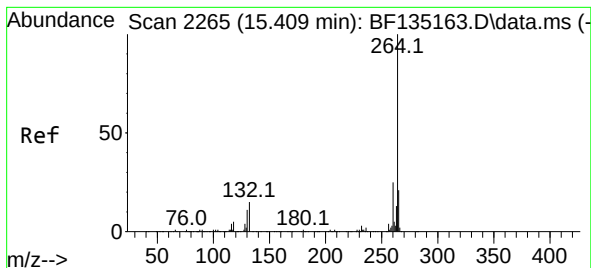
Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 22.2 16.0 24.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

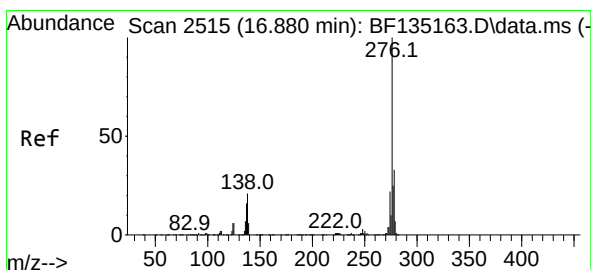
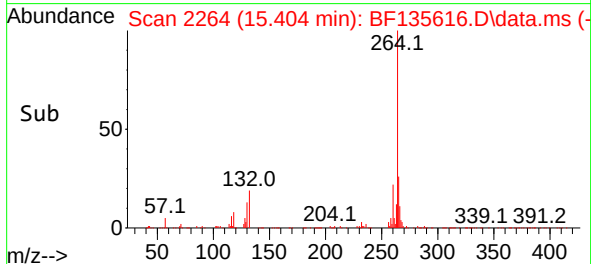
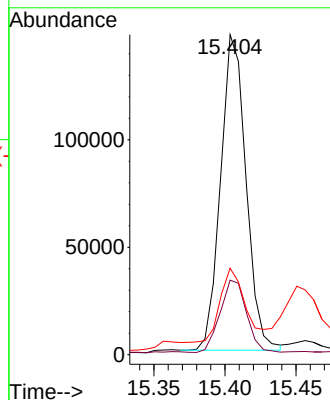
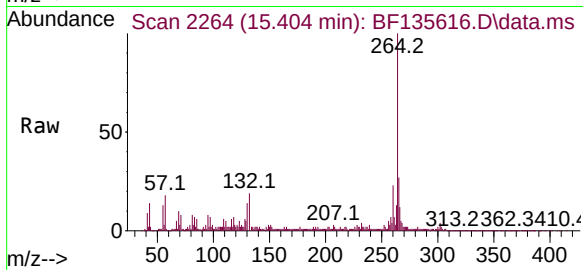
Tgt Ion:264 Resp: 182605

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 27.1 17.0 25.4#



#87

Indeno(1,2,3-cd)pyrene

Concen: 38.774 ng

RT: 16.898 min Scan# 2518

Delta R.T. 0.029 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

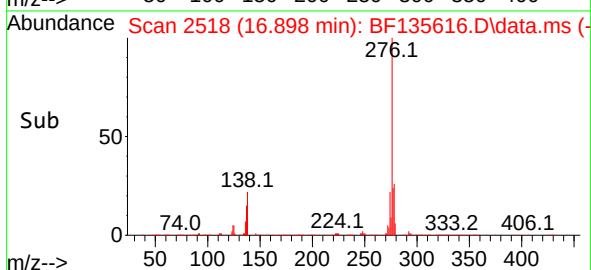
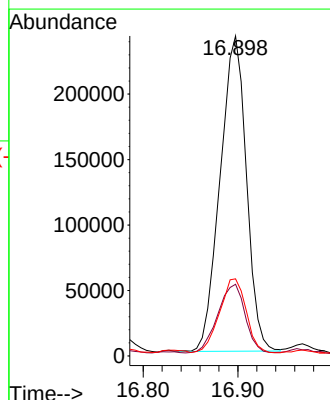
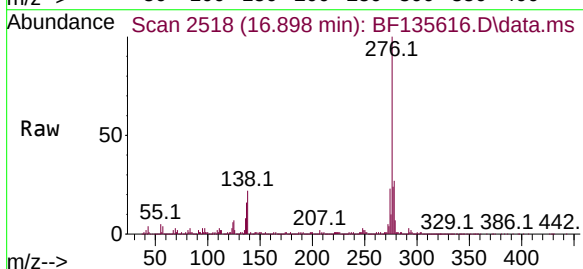
Tgt Ion:276 Resp: 464228

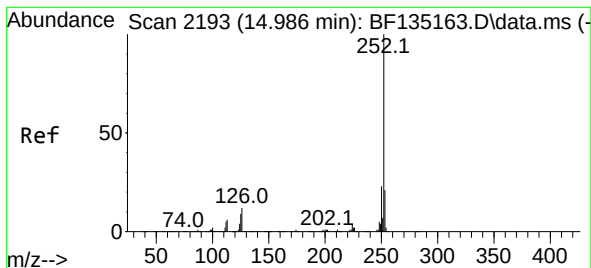
Ion Ratio Lower Upper

276 100

138 22.7 19.2 28.8

277 23.9 19.7 29.5





#88

Benzo(b)fluoranthene

Concen: 178.575 ng

RT: 14.986 min Scan# 2193

Delta R.T. 0.024 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

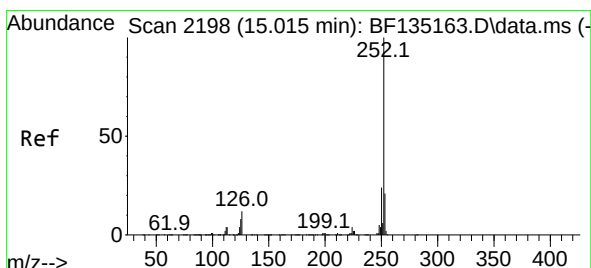
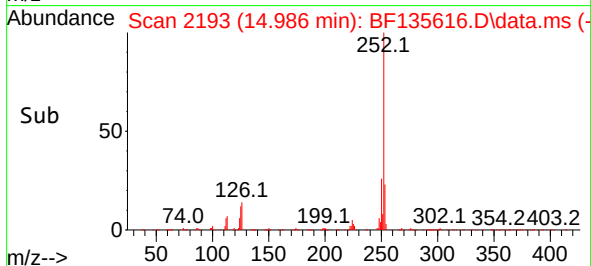
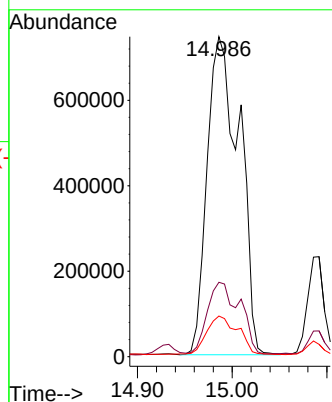
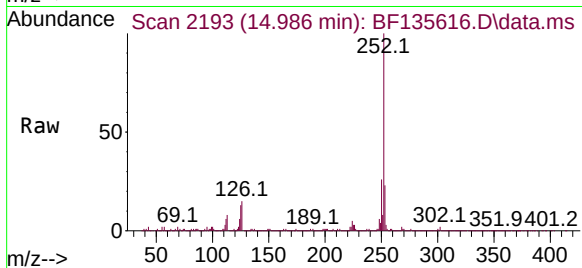
Tgt Ion:252 Resp: 1765223

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 12.7 7.1 10.7#



#89

Benzo(k)fluoranthene

Concen: 180.776 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

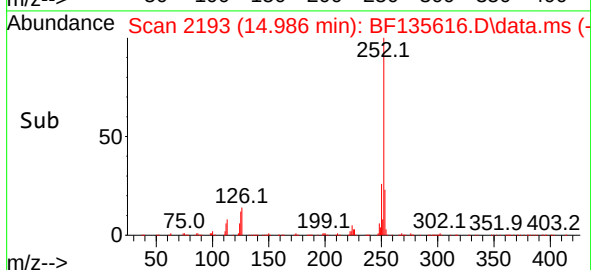
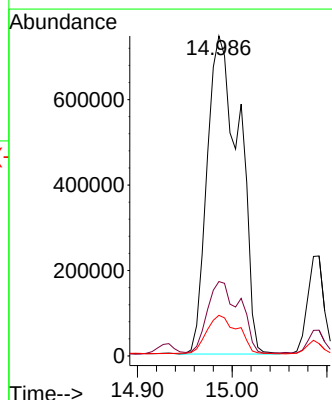
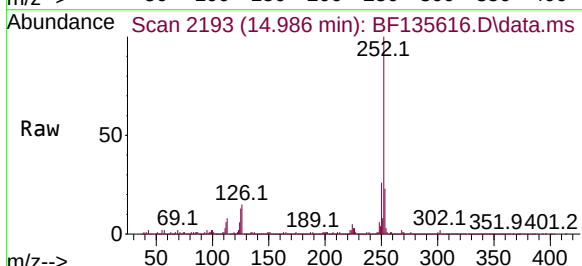
Tgt Ion:252 Resp: 1765223

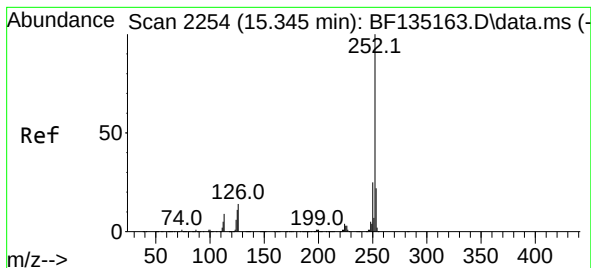
Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.0

125 12.7 7.2 10.8#





#90

Benzo(a)pyrene

Concen: 101.482 ng

RT: 15.351 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)

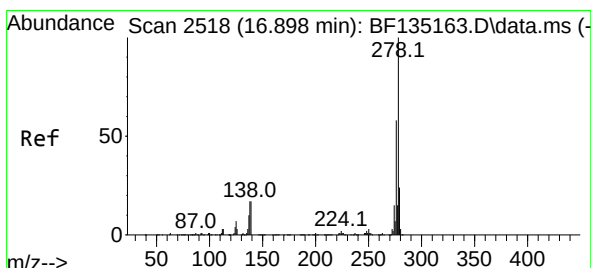
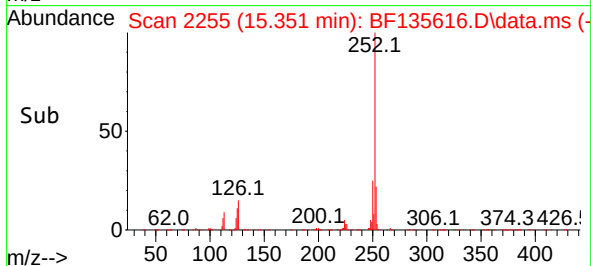
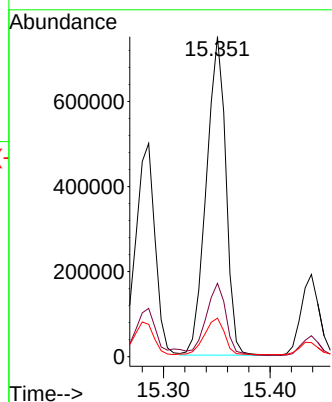
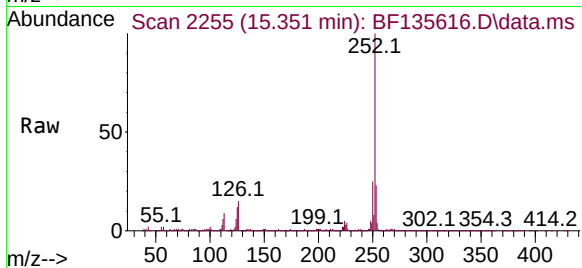
Tgt Ion:252 Resp: 956647

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 12.1 9.2 13.8



#91

Dibenzo(a,h)anthracene

Concen: 12.573 ng

RT: 17.062 min Scan# 2546

Delta R.T. 0.182 min

Lab File: BF135616.D

Acq: 05 Oct 2023 23:56

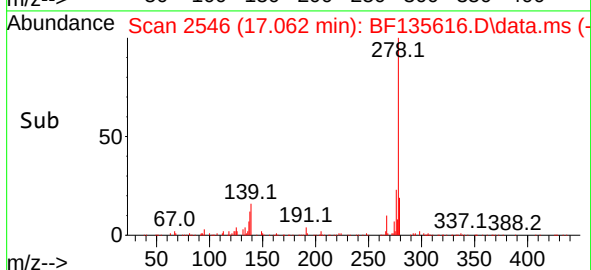
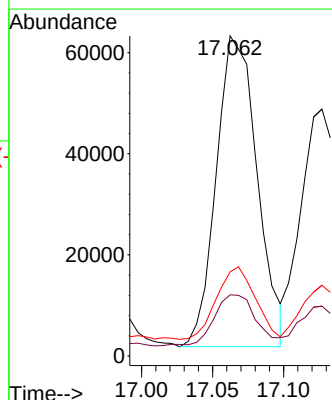
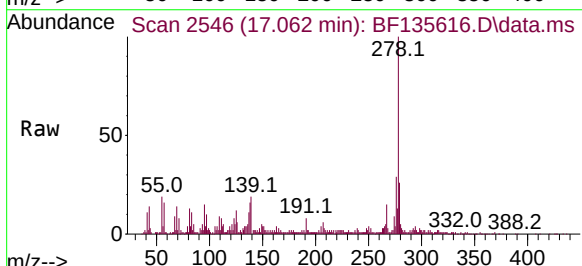
Tgt Ion:278 Resp: 123168

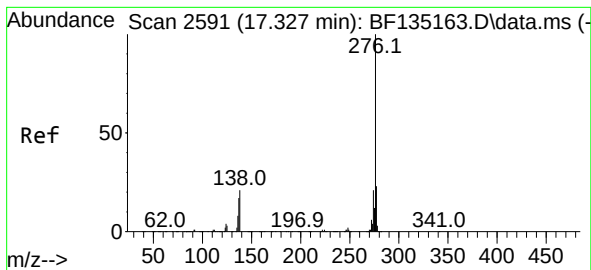
Ion Ratio Lower Upper

278 100

139 19.1 13.4 20.0

279 26.2 19.0 28.6





#92

Benzo(g,h,i)perylene

Concen: 42.280 ng

RT: 17.345 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF135616.D

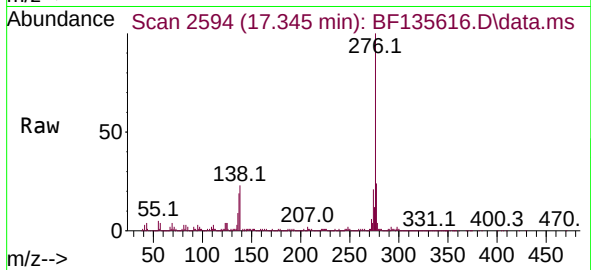
Acq: 05 Oct 2023 23:56

Instrument :

BNA_F

ClientSampleId :

I-4(0-5)



Tgt Ion:276 Resp: 432565

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 22.6 16.9 25.3

