

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135800.D
 Acq On : 17 Oct 2023 03:29
 Operator : CG\JU
 Sample : 04704-03 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 17 04:12:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

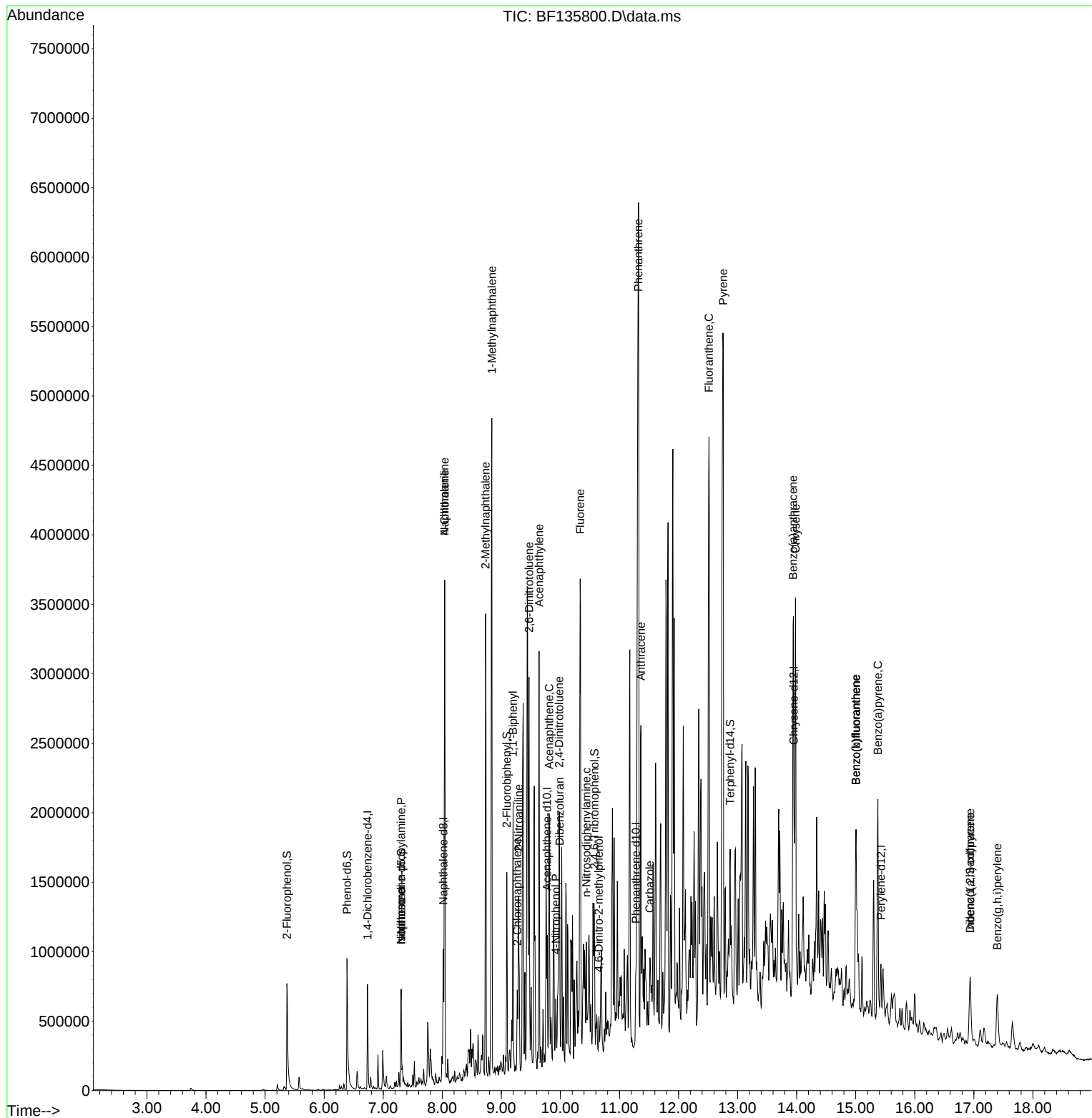
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	109548	20.000	ng	-0.01
21) Naphthalene-d8	8.016	136	392142	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	172892	20.000	ng	-0.01
64) Phenanthrene-d10	11.280	188	286056	20.000	ng	0.00
76) Chrysene-d12	13.951	240	148613	20.000	ng	0.00
86) Perylene-d12	15.427	264	141480	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	300303	44.073	ng	0.00
7) Phenol-d6	6.387	99	381649	44.891	ng	-0.01
23) Nitrobenzene-d5	7.304	82	220292	30.897	ng	-0.01
42) 2,4,6-Tribromophenol	10.575	330	65387	39.413	ng	-0.01
45) 2-Fluorobiphenyl	9.092	172	385196	34.834	ng	-0.01
79) Terphenyl-d14	12.874	244	325792	40.598	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.304	70	30610	5.823	ng	# 73
25) Isophorone	7.304	82	219763	16.338	ng	# 66
31) Naphthalene	8.040	128	1462374	76.456	ng	99
33) 4-Chloroaniline	8.040	127	195600	23.410	ng	# 31
37) 2-Methylnaphthalene	8.734	142	885619	70.277	ng	100
38) 1-Methylnaphthalene	8.839	142	1313258	112.987	ng	99
46) 1,1'-Biphenyl	9.198	154	549045	41.457	ng	98
47) 2-Chloronaphthalene	9.269	162	86577	9.071	ng	# 46
48) 2-Nitroaniline	9.292	65	12039	3.195	ng	# 29
49) Acenaphthylene	9.639	152	723740	45.820	ng	# 93
51) 2,6-Dinitrotoluene	9.469	165	11710	4.666	ng	# 1
52) Acenaphthene	9.810	154	288961	30.521	ng	95
55) Dibenzofuran	9.986	168	273105	19.118	ng	# 92
56) 4-Nitrophenol	9.922	139	6341	9.682	ng	# 47
57) 2,4-Dinitrotoluene	9.981	165	10907	3.416	ng	# 16
58) Fluorene	10.333	166	1143210	102.223	ng	97
65) 4,6-Dinitro-2-methylph...	10.651	198	3449	2.396	ng	80
66) n-Nitrosodiphenylamine	10.439	169	60580	6.948	ng	# 51
71) Phenanthrene	11.322	178	4167557	304.125	ng	98
72) Anthracene	11.363	178	890530	62.714	ng	100
73) Carbazole	11.516	167	90221	6.813	ng	# 94
75) Fluoranthene	12.516	202	2444563	160.731	ng	99
78) Pyrene	12.757	202	3209627	271.782	ng	95
81) Benzo(a)anthracene	13.939	228	1298471	133.020	ng	94
83) Chrysene	13.980	228	1212575	128.250	ng	95
87) Indeno(1,2,3-cd)pyrene	16.939	276	334961	43.451	ng	# 92
88) Benzo(b)fluoranthene	15.004	252	1062252	134.154	ng	97
89) Benzo(k)fluoranthene	15.004	252	1062252	138.181	ng	96
90) Benzo(a)pyrene	15.374	252	849781	114.130	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	100665	15.929	ng	# 88
92) Benzo(g,h,i)perylene	17.398	276	356831	54.969	ng	98

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

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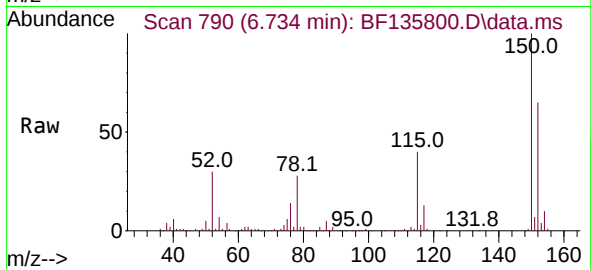
Quant Time: Oct 17 04:12:52 2023
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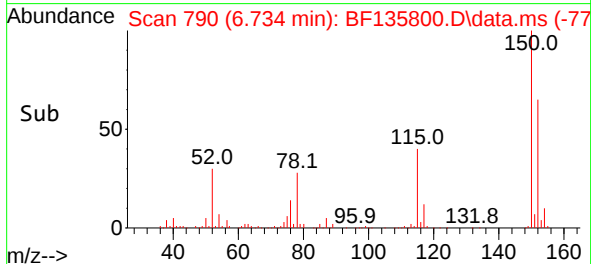
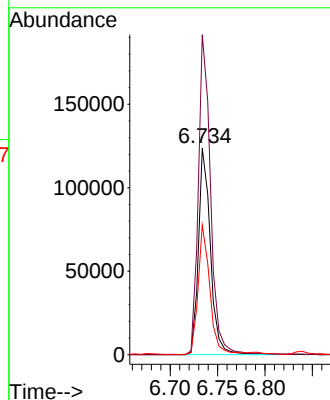


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 791
Delta R.T. -0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Instrument :
BNA_F
ClientSampleId :

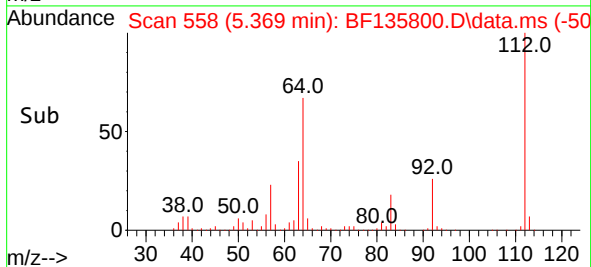
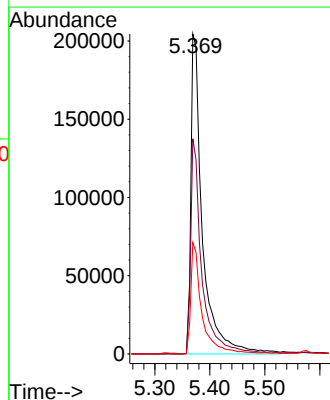
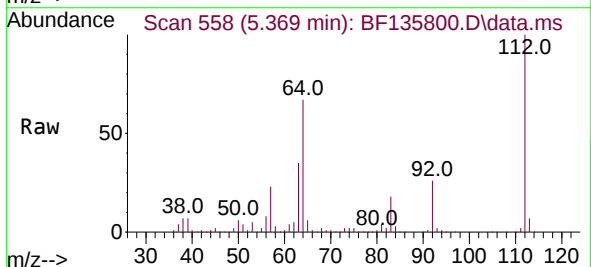


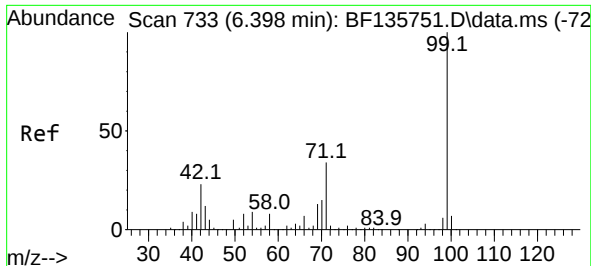
Tgt Ion:152 Resp: 109548
Ion Ratio Lower Upper
152 100
150 155.0 124.5 186.7
115 62.7 49.0 73.4



#5
2-Fluorophenol
Concen: 44.073 ng
RT: 5.369 min Scan# 558
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:112 Resp: 300303
Ion Ratio Lower Upper
112 100
64 67.2 51.2 76.8
63 34.8 26.1 39.1

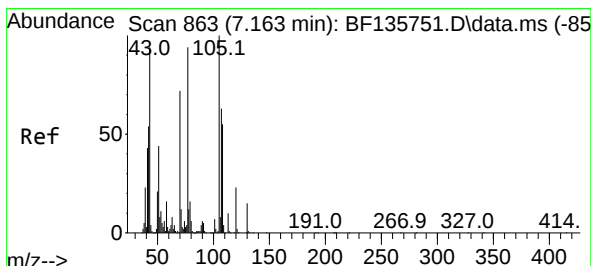
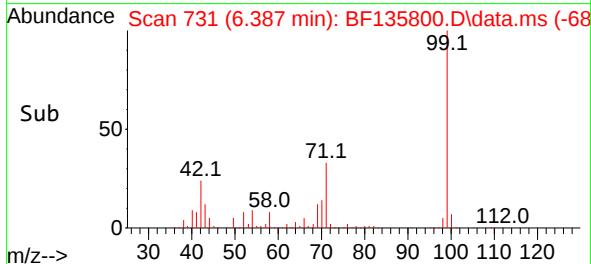
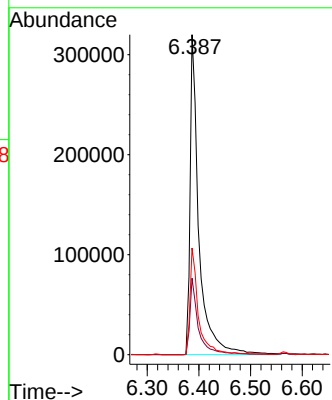
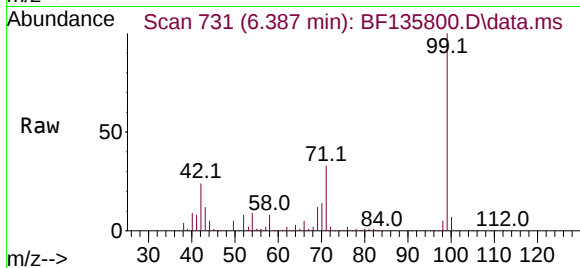




#7
Phenol-d6
Concen: 44.891 ng
RT: 6.387 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

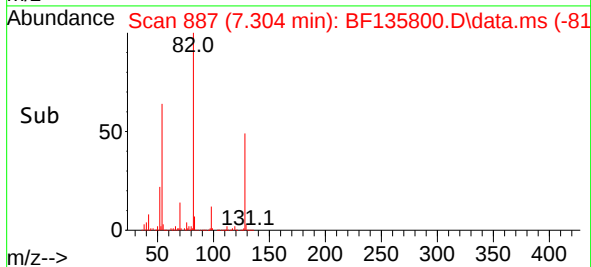
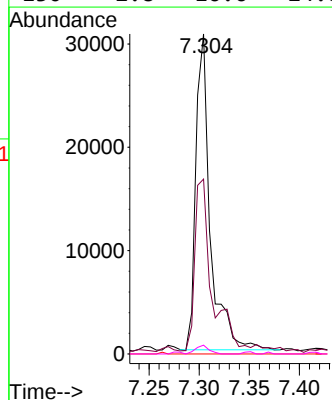
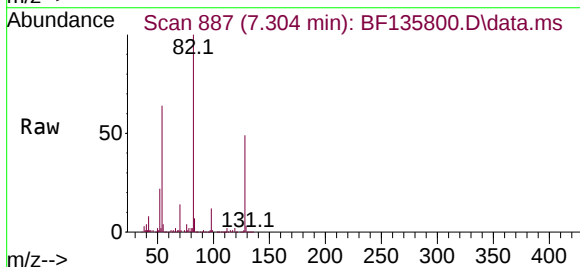
Instrument :
BNA_F
ClientSampleId :

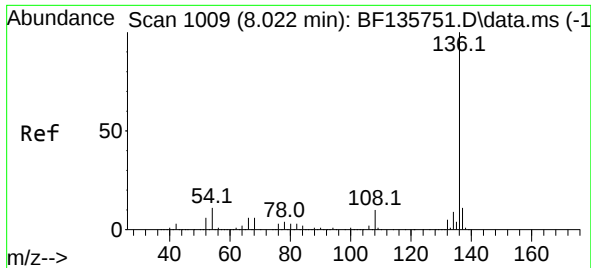
Tgt Ion: 99 Resp: 381649
Ion Ratio Lower Upper
99 100
42 23.9 18.4 27.6
71 33.4 27.2 40.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.823 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.141 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

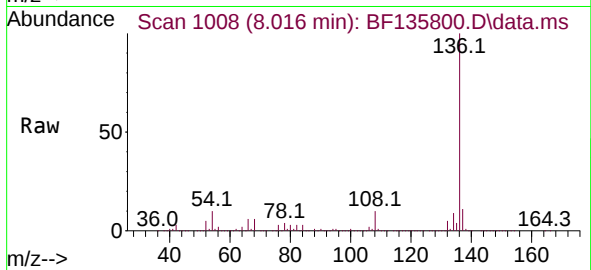
Tgt Ion: 70 Resp: 30610
Ion Ratio Lower Upper
70 100
42 54.7 59.8 89.6#
101 0.0 7.4 11.2#
130 2.8 16.6 24.8#



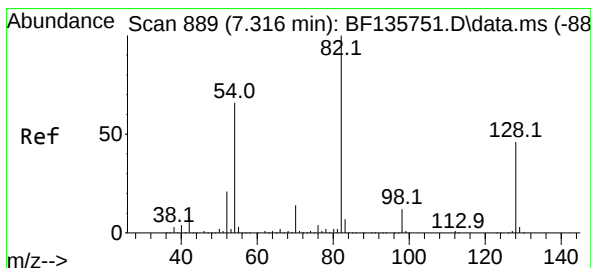
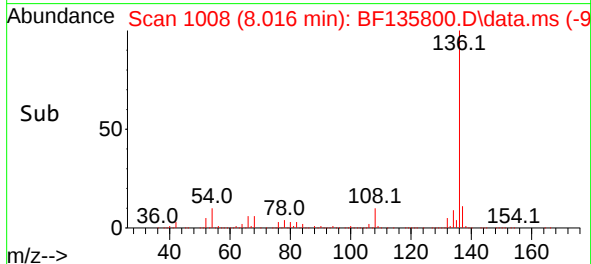
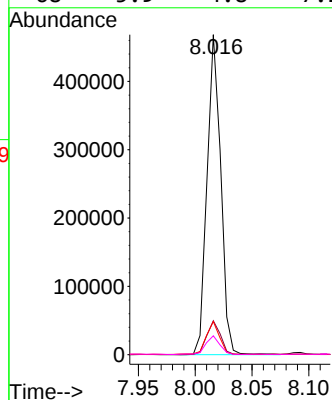


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Instrument :
BNA_F
ClientSampleId :

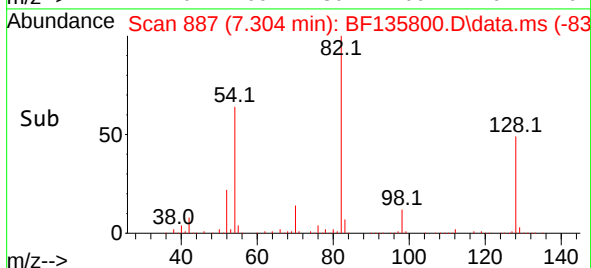
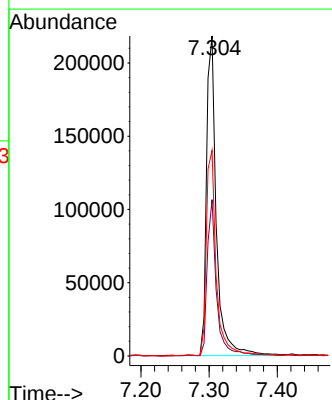
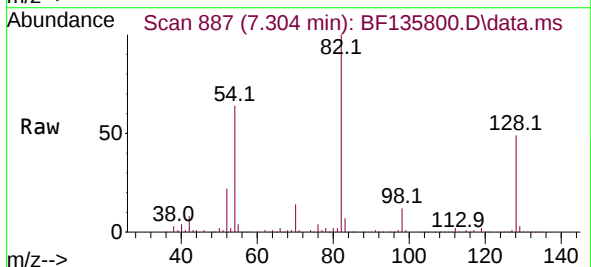


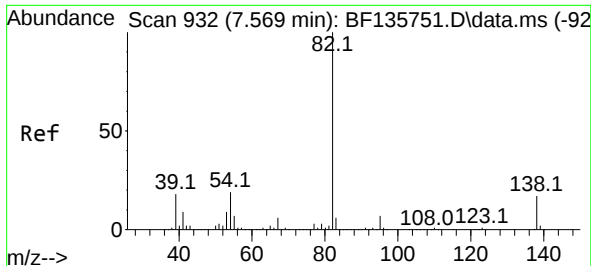
Tgt Ion:136 Resp: 392142
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 10.3 8.5 12.7
68 5.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 30.897 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion: 82 Resp: 220292
Ion Ratio Lower Upper
82 100
128 48.9 37.0 55.6
54 64.3 52.8 79.2

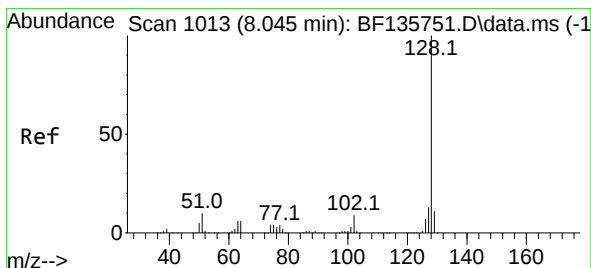
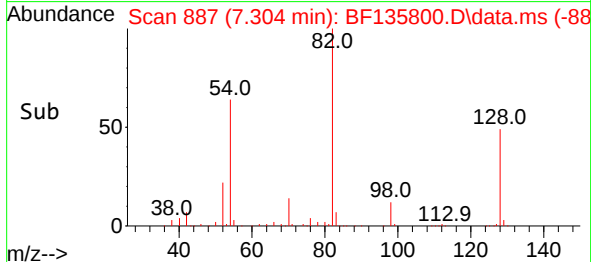
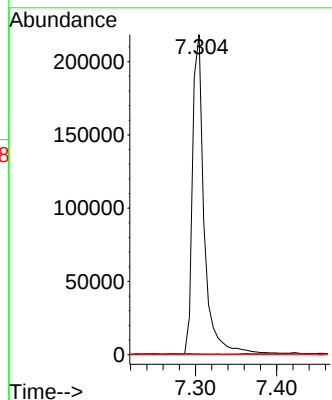
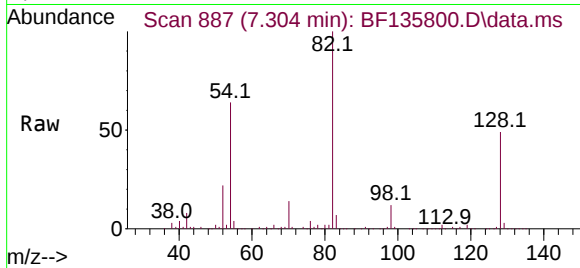




#25
Isophorone
Concen: 16.338 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

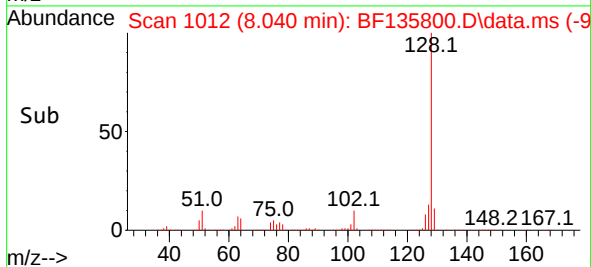
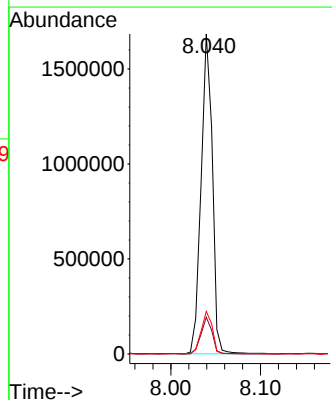
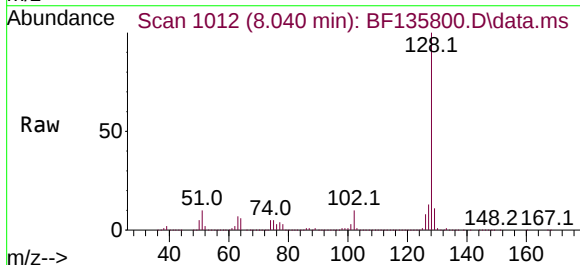
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BNA_F
ClientSampleId :

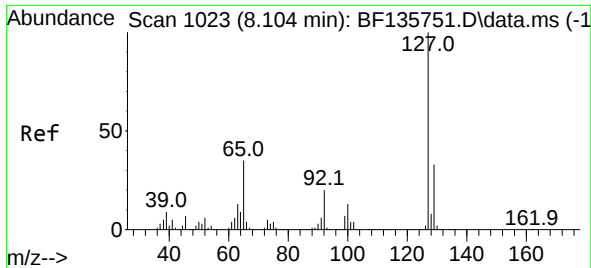
Tgt Ion: 82 Resp: 219763
Ion Ratio Lower Upper
82 100
95 0.2 5.5 8.3#
138 0.0 13.9 20.9#



#31
Naphthalene
Concen: 76.456 ng
RT: 8.040 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

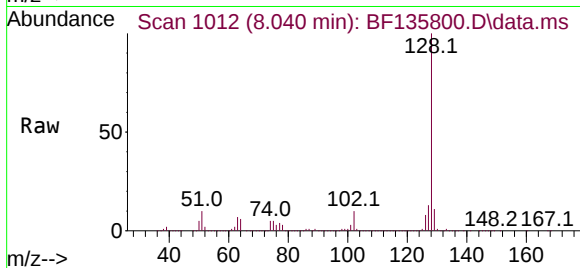
Tgt Ion: 128 Resp: 1462374
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.3 10.2 15.4



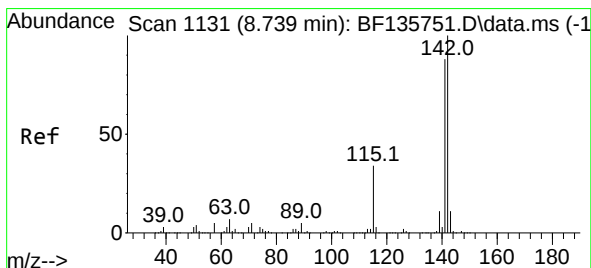
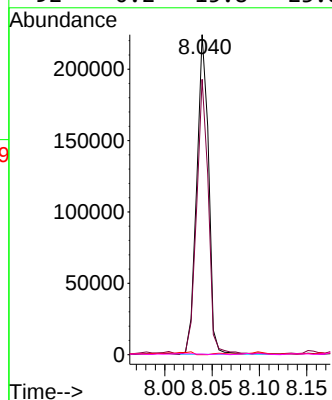
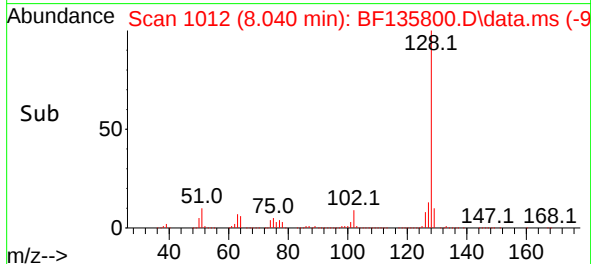


#33
4-Chloroaniline
Concen: 23.410 ng
RT: 8.040 min Scan# 11
Delta R.T. -0.065 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Instrument :
BNA_F
ClientSampleId :

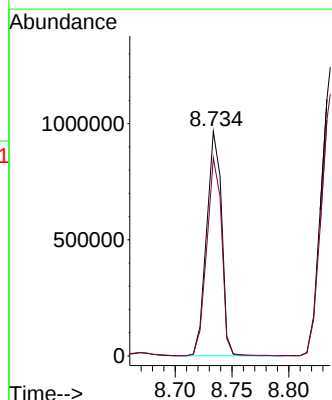
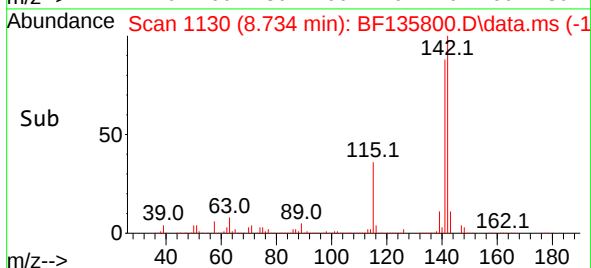
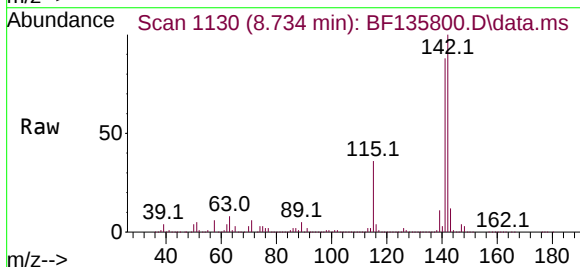


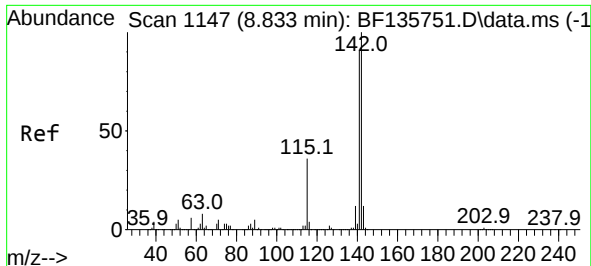
Tgt Ion:127 Resp: 195600
Ion Ratio Lower Upper
127 100
129 86.0 26.5 39.7#
65 0.0 27.9 41.9#
92 0.2 15.8 23.8#



#37
2-Methylnaphthalene
Concen: 70.277 ng
RT: 8.734 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:142 Resp: 885619
Ion Ratio Lower Upper
142 100
141 88.1 70.6 105.8

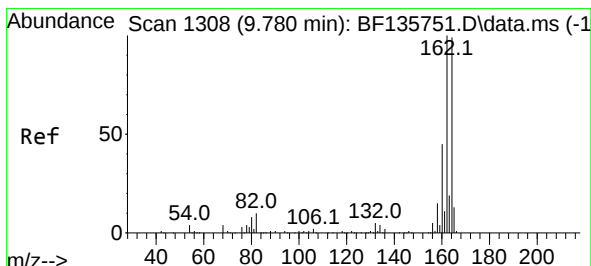
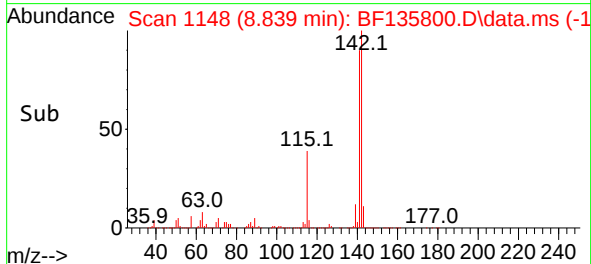
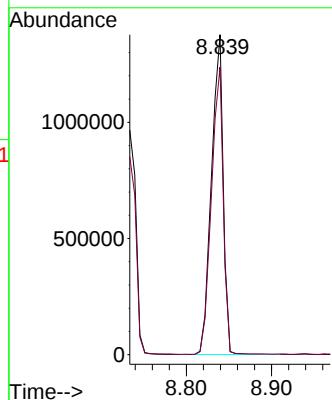
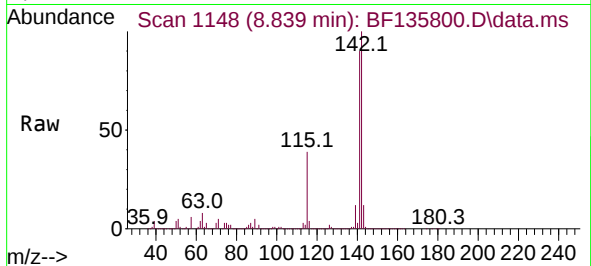




#38
1-Methylnaphthalene
Concen: 112.987 ng
RT: 8.839 min Scan# 1147
Delta R.T. -0.000 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

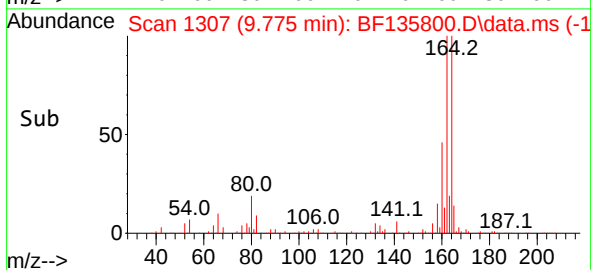
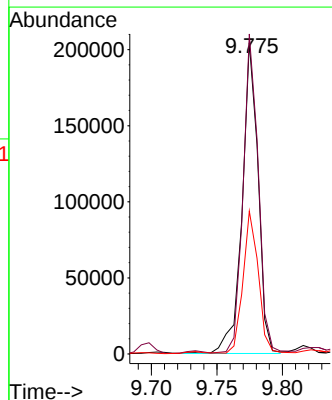
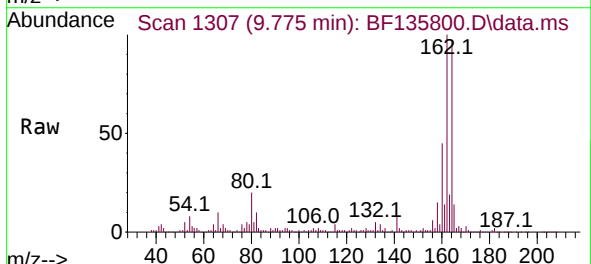
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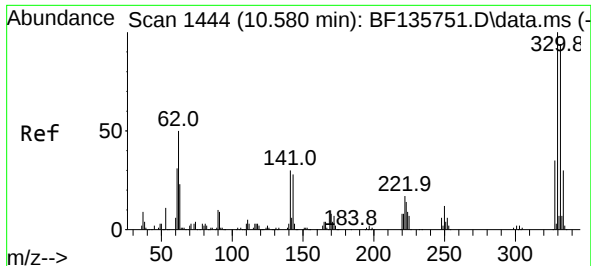
Tgt Ion:142 Resp: 1313258
Ion Ratio Lower Upper
142 100
141 89.9 72.7 109.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:164 Resp: 172892
Ion Ratio Lower Upper
164 100
162 102.8 80.8 121.2
160 45.9 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 39.413 ng

RT: 10.575 min Scan# 1444

Delta R.T. -0.012 min

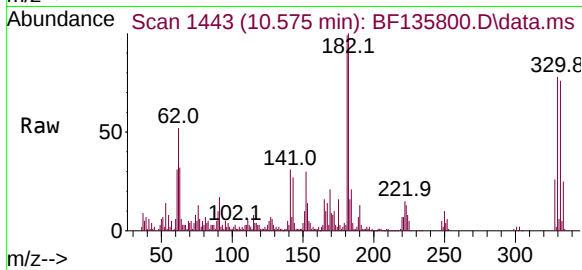
Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :



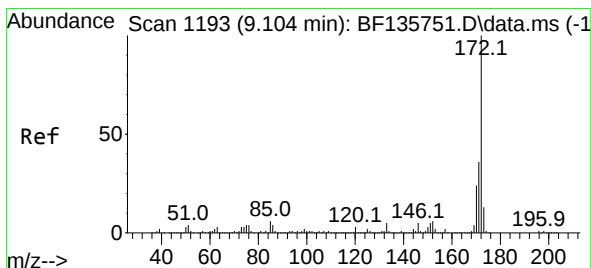
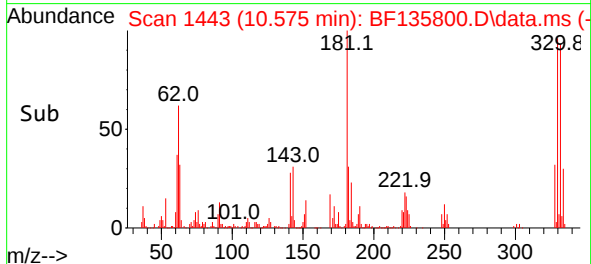
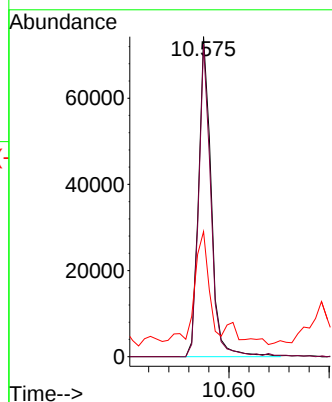
Tgt Ion:330 Resp: 65387

Ion Ratio Lower Upper

330 100

332 94.1 75.0 112.4

141 38.7 25.8 38.6#



#45

2-Fluorobiphenyl

Concen: 34.834 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

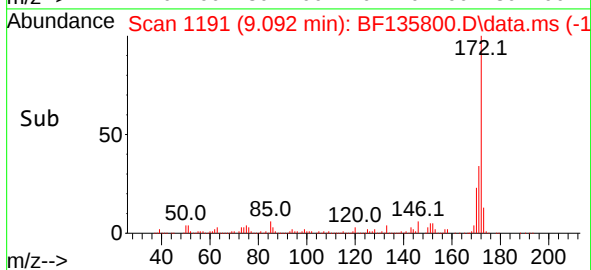
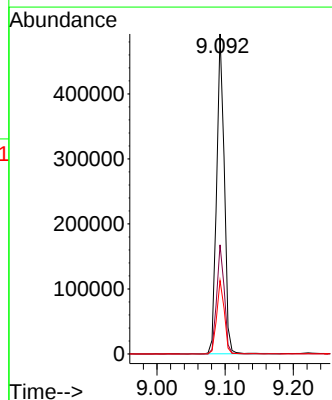
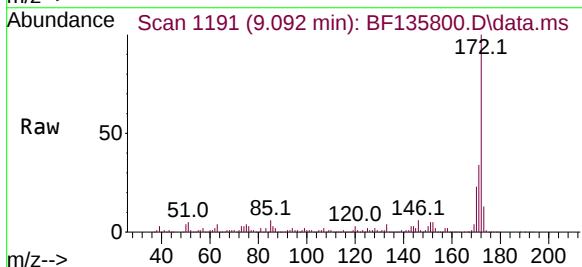
Tgt Ion:172 Resp: 385196

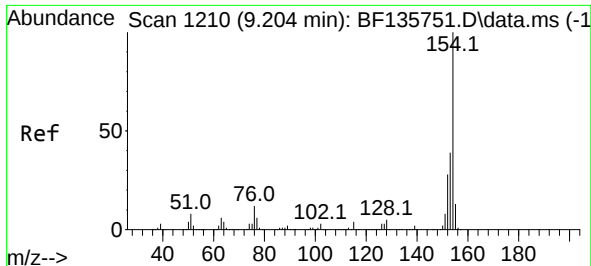
Ion Ratio Lower Upper

172 100

171 34.1 28.4 42.6

170 22.9 18.8 28.2

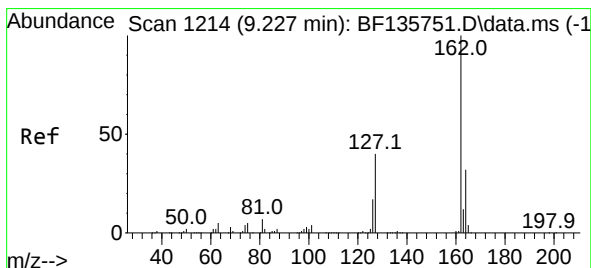
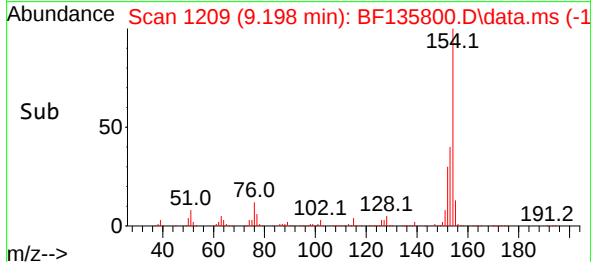
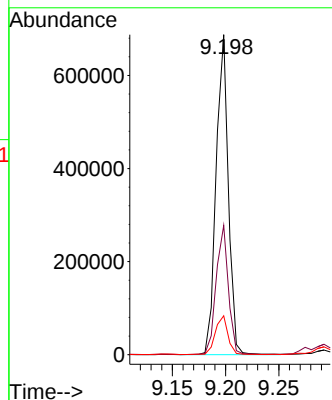
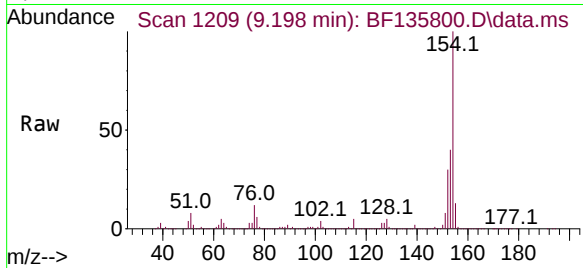




#46
1,1'-Biphenyl
Concen: 41.457 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

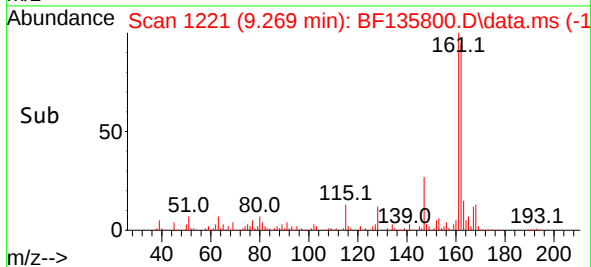
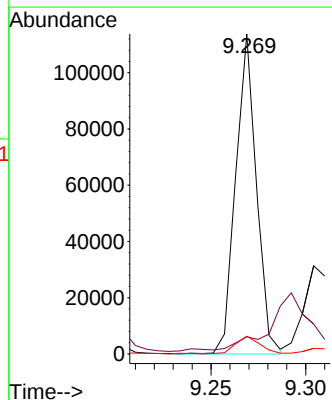
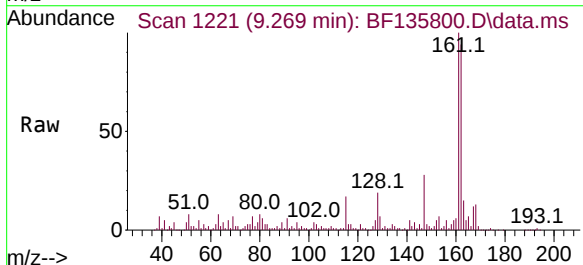
Instrument :
BNA_F
ClientSampleId :

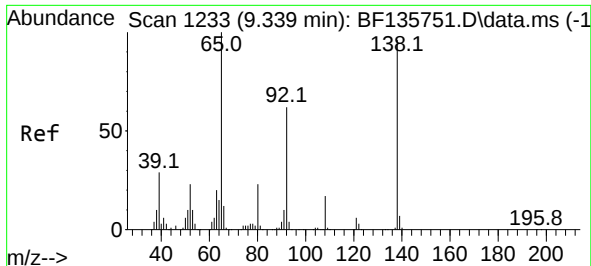
Tgt Ion:154 Resp: 549045
Ion Ratio Lower Upper
154 100
153 40.4 19.4 59.4
76 12.2 0.0 31.7



#47
2-Chloronaphthalene
Concen: 9.071 ng
RT: 9.269 min Scan# 1221
Delta R.T. 0.035 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:162 Resp: 86577
Ion Ratio Lower Upper
162 100
127 5.4 34.7 52.1#
164 5.5 25.6 38.4#

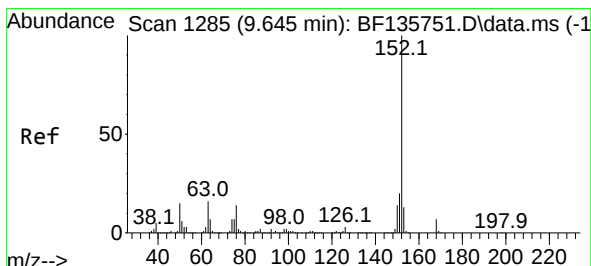
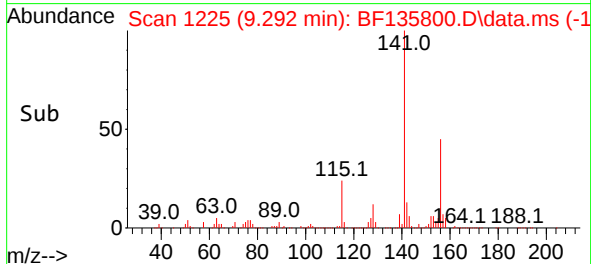
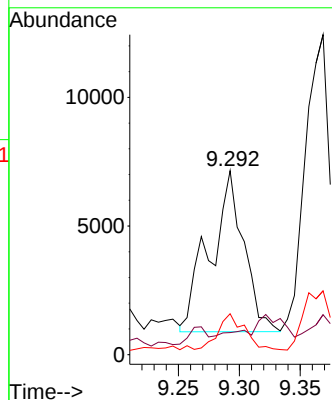
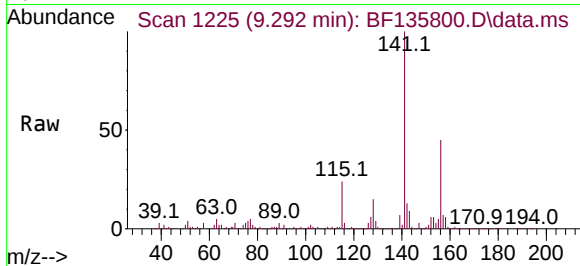




#48
2-Nitroaniline
Concen: 3.195 ng
RT: 9.292 min Scan# 1225
Delta R.T. -0.047 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

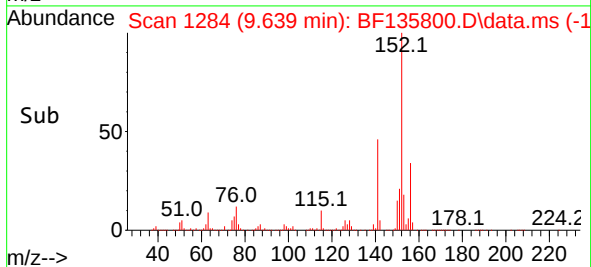
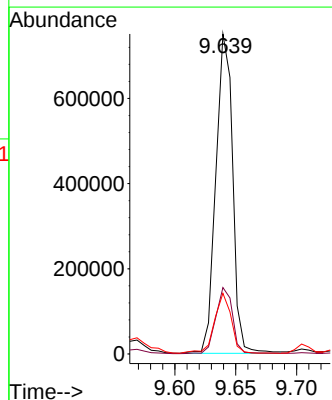
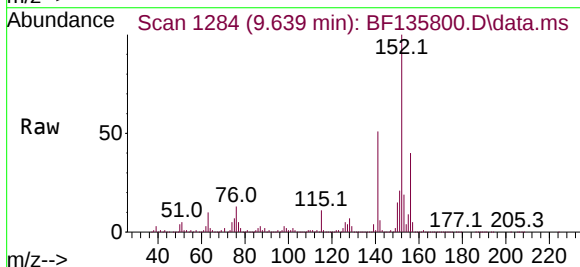
Instrument :
BNA_F
ClientSampleId :

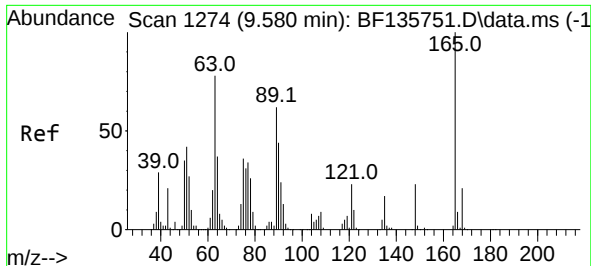
Tgt Ion: 65 Resp: 12039
Ion Ratio Lower Upper
65 100
92 12.0 49.4 74.0#
138 22.3 76.6 114.8#



#49
Acenaphthylene
Concen: 45.820 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion: 152 Resp: 723740
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 19.0 10.2 15.4#





#51

2,6-Dinitrotoluene

Concen: 4.666 ng

RT: 9.469 min Scan# 11

Delta R.T. -0.118 min

Lab File: BF135800.D

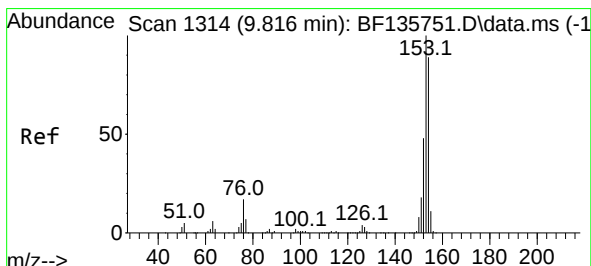
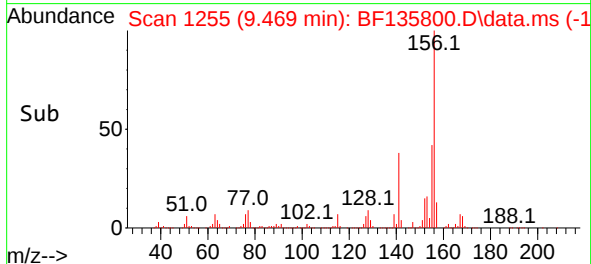
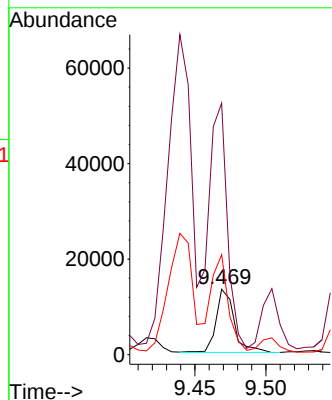
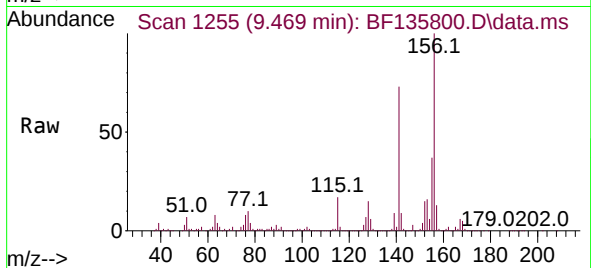
Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165	Resp:	11710
Ion	Ratio	Lower Upper
165	100	
63	384.3	62.2 93.4#
89	152.8	49.6 74.4#



#52

Acenaphthene

Concen: 30.521 ng

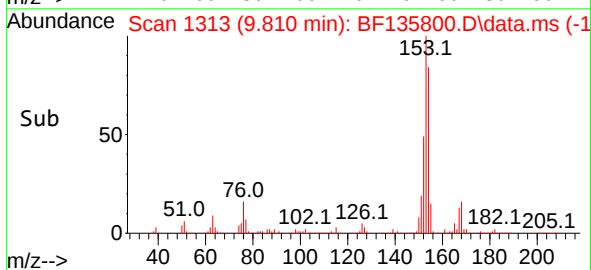
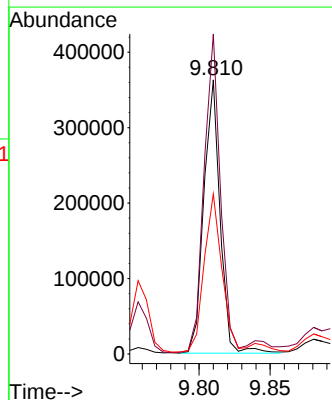
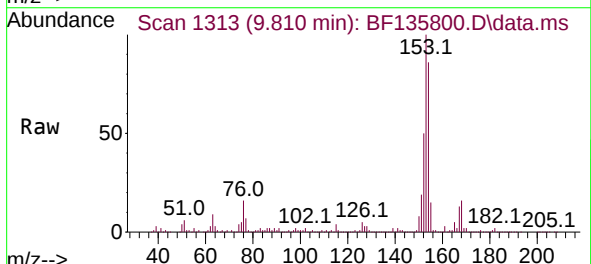
RT: 9.810 min Scan# 1313

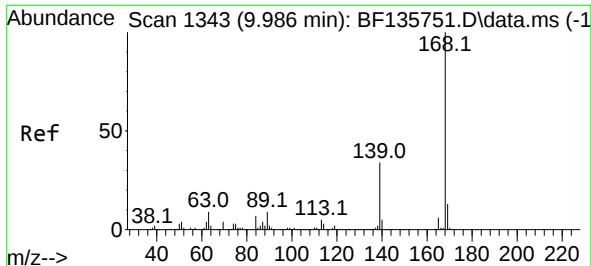
Delta R.T. -0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Tgt Ion:154	Resp:	288961
Ion	Ratio	Lower Upper
154	100	
153	116.8	90.1 135.1
152	58.4	43.1 64.7

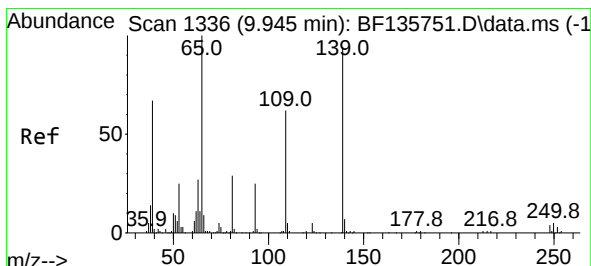
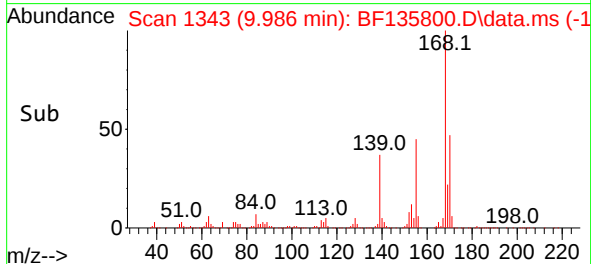
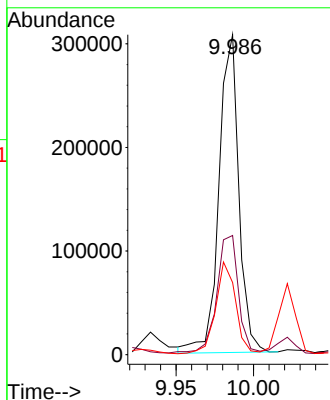
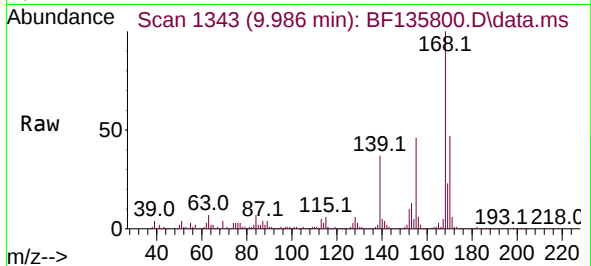




#55
Dibenzenofuran
Concen: 19.118 ng
RT: 9.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

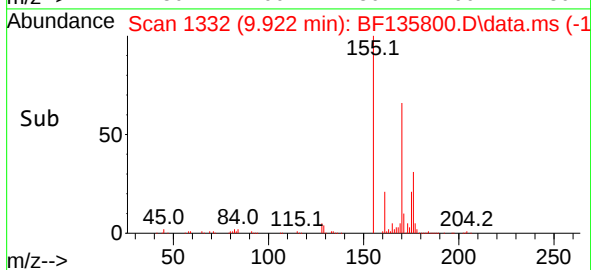
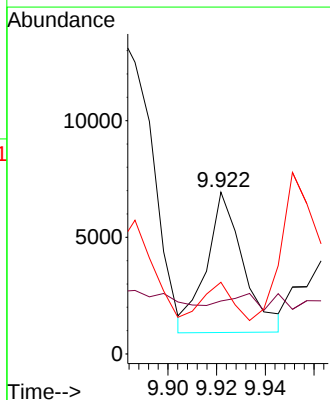
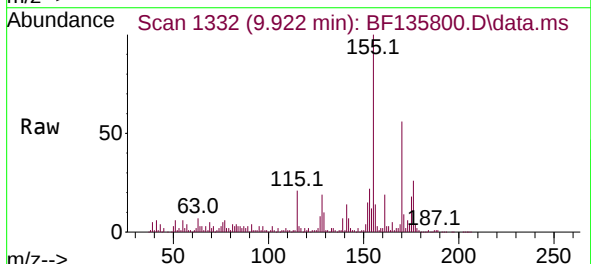
Instrument :
BNA_F
ClientSampleId :

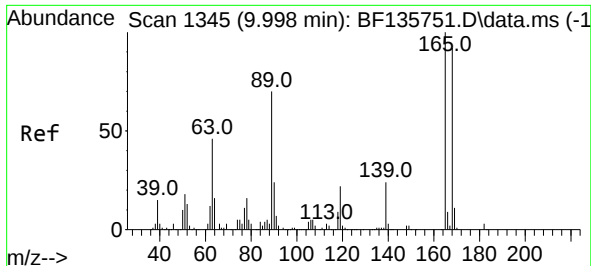
Tgt Ion:168 Resp: 273105
Ion Ratio Lower Upper
168 100
139 37.2 31.0 46.4
169 22.6 10.7 16.1#



#56
4-Nitrophenol
Concen: 9.682 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.024 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:139 Resp: 6341
Ion Ratio Lower Upper
139 100
109 32.8 45.6 85.6#
65 44.3 87.5 127.5#





#57

2,4-Dinitrotoluene

Concen: 3.416 ng

RT: 9.981 min Scan# 1

Delta R.T. -0.024 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:165 Resp: 10907

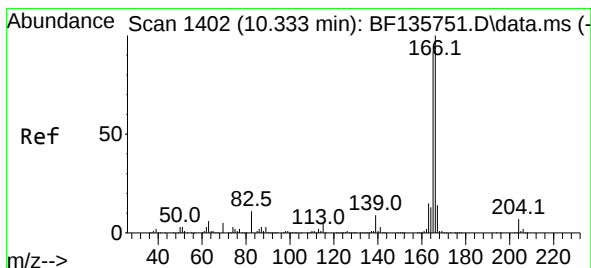
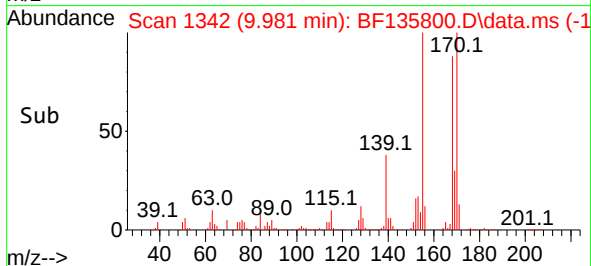
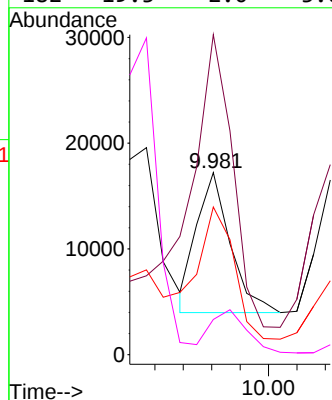
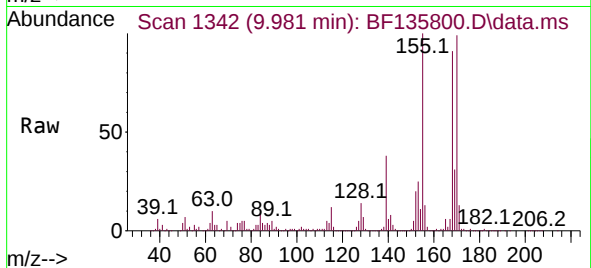
Ion Ratio Lower Upper

165 100

63 175.7 39.0 58.4#

89 81.1 55.9 83.9

182 19.3 2.0 3.0#



#58

Fluorene

Concen: 102.223 ng

RT: 10.333 min Scan# 1402

Delta R.T. -0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

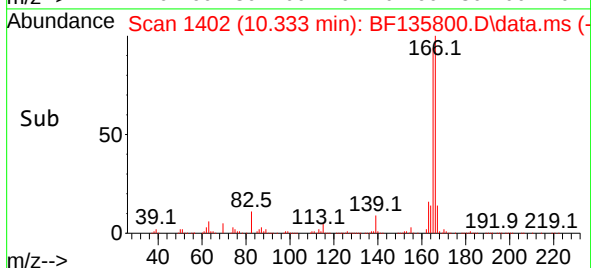
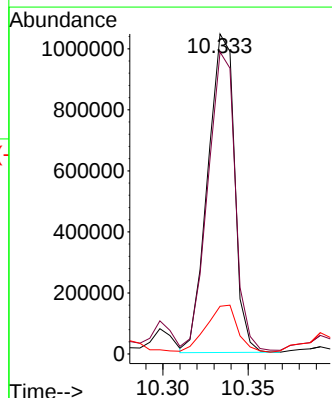
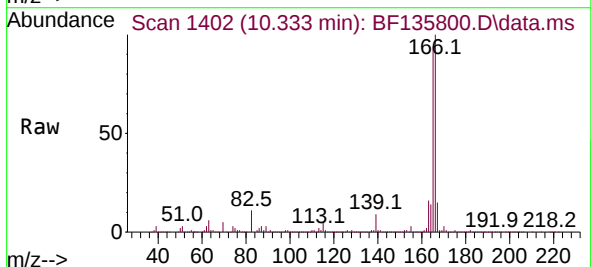
Tgt Ion:166 Resp: 1143210

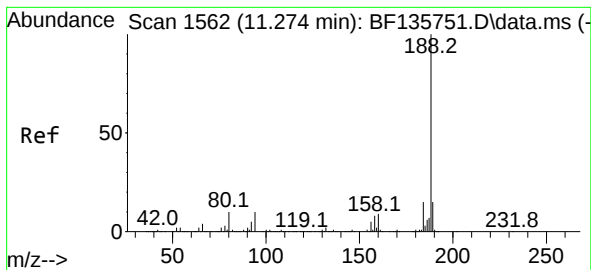
Ion Ratio Lower Upper

166 100

165 94.3 73.4 110.0

167 14.9 11.0 16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

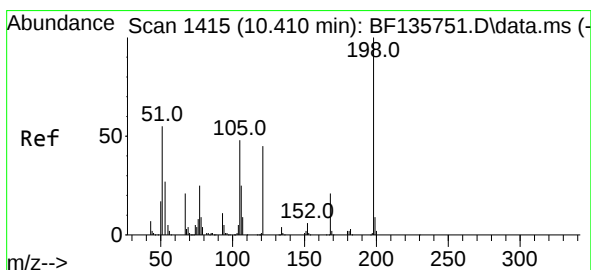
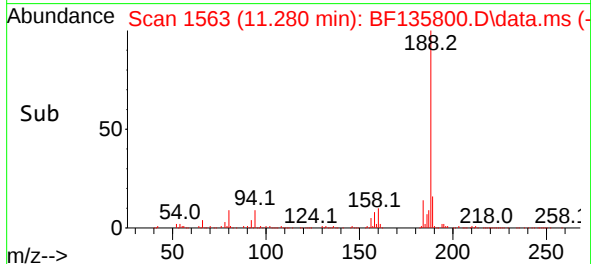
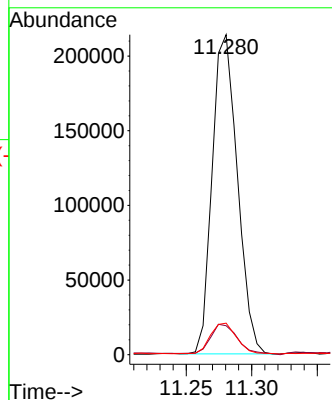
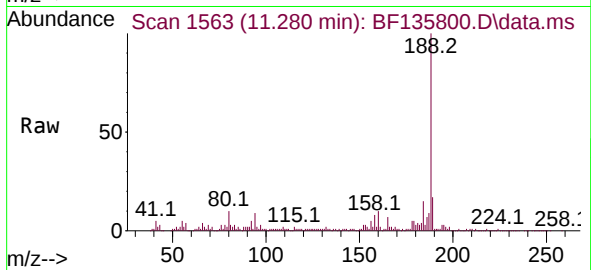
Tgt Ion:188 Resp: 286056

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.8 8.3 12.5



#65

4,6-Dinitro-2-methylphenol

Concen: 2.396 ng

RT: 10.651 min Scan# 1456

Delta R.T. 0.235 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

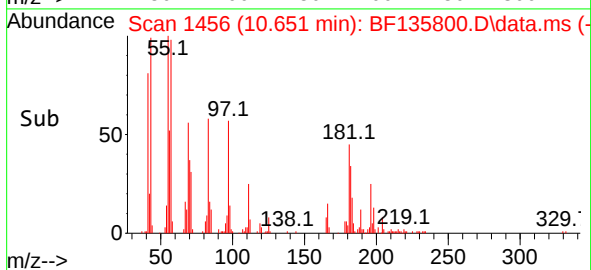
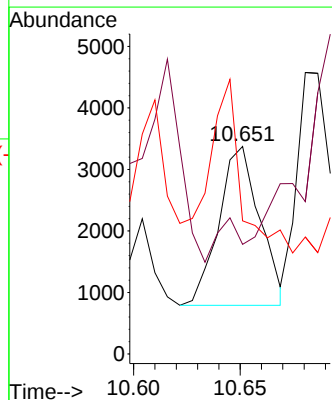
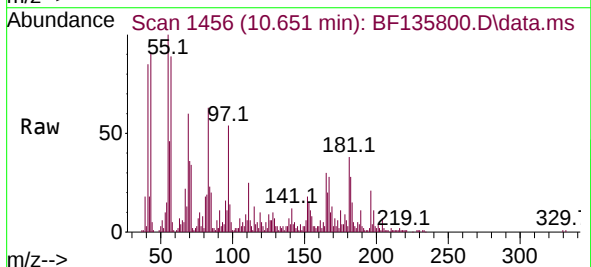
Tgt Ion:198 Resp: 3449

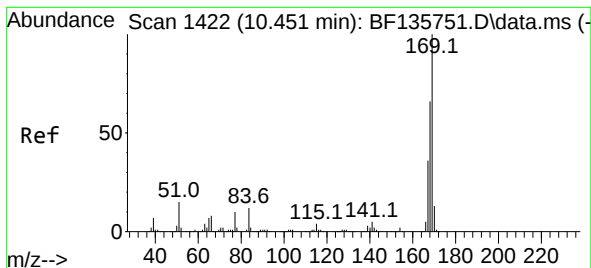
Ion Ratio Lower Upper

198 100

51 52.8 47.6 87.6

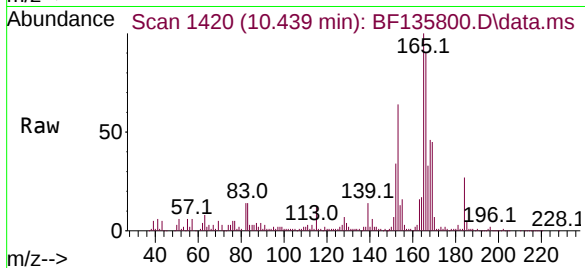
105 64.1 29.2 69.2



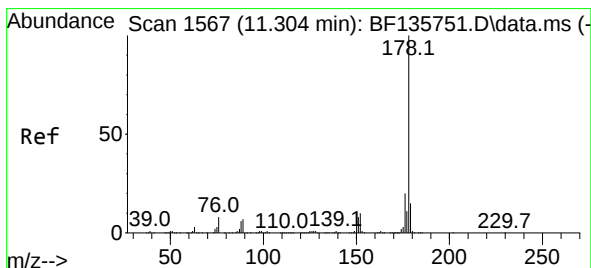
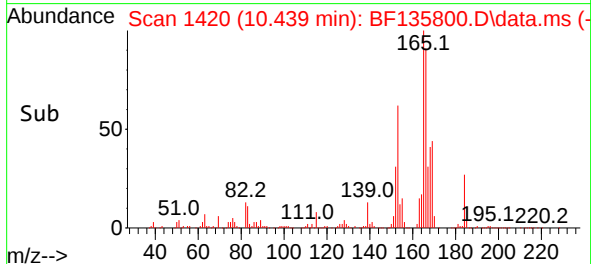
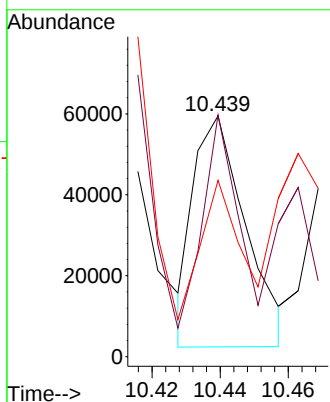


#66
n-Nitrosodiphenylamine
Concen: 6.948 ng
RT: 10.439 min Scan# 14
Delta R.T. -0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Instrument :
BNA_F
ClientSampleId :

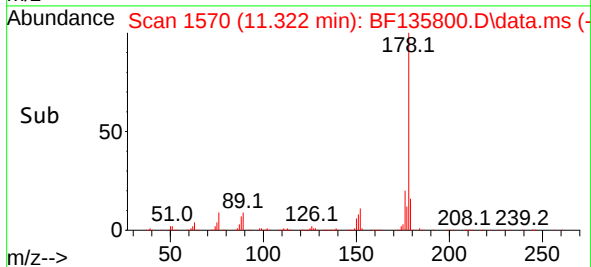
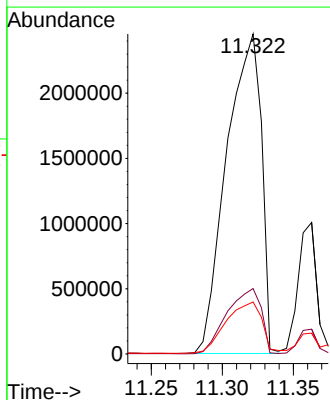
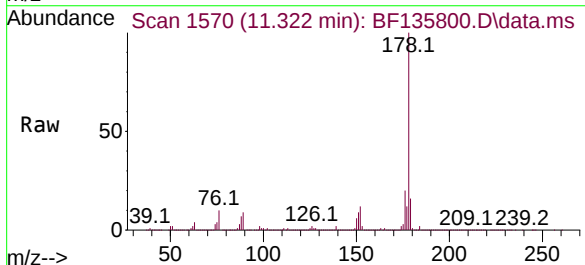


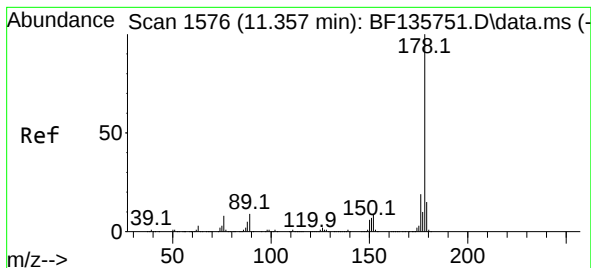
Tgt Ion:169 Resp: 60580
Ion Ratio Lower Upper
169 100
168 100.4 53.4 80.2#
167 73.3 29.2 43.8#



#71
Phenanthrene
Concen: 304.125 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.018 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:178 Resp: 4167557
Ion Ratio Lower Upper
178 100
176 20.4 16.0 24.0
179 16.3 12.2 18.4





#72

Anthracene

Concen: 62.714 ng

RT: 11.363 min Scan# 1576

Delta R.T. 0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

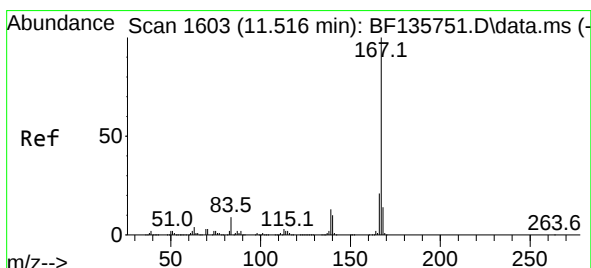
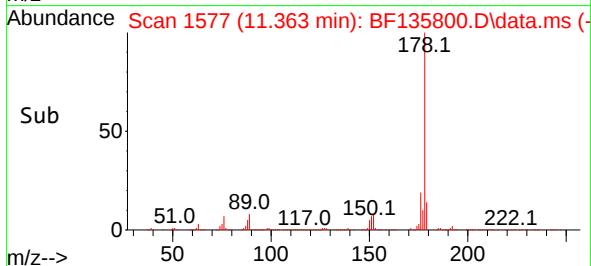
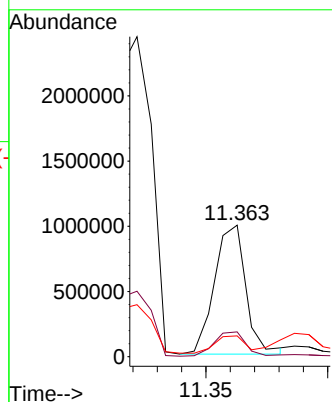
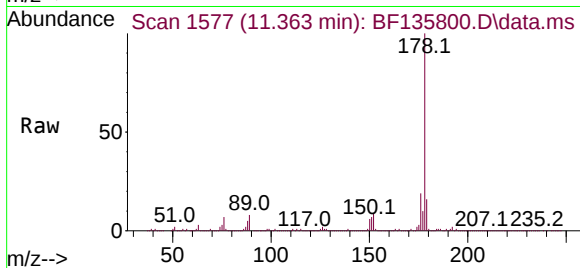
Tgt Ion:178 Resp: 890530

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.8 12.3 18.5



#73

Carbazole

Concen: 6.813 ng

RT: 11.516 min Scan# 1603

Delta R.T. -0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

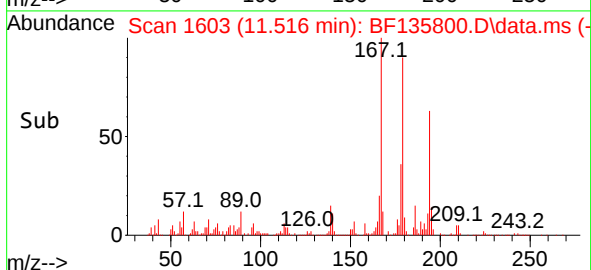
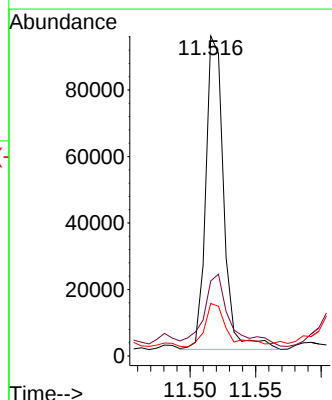
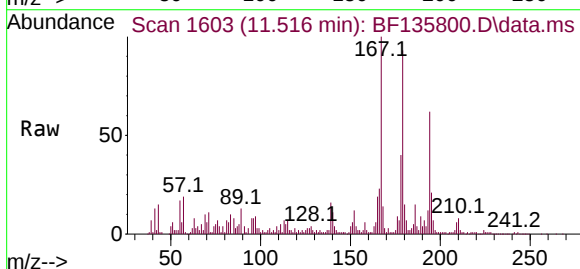
Tgt Ion:167 Resp: 90221

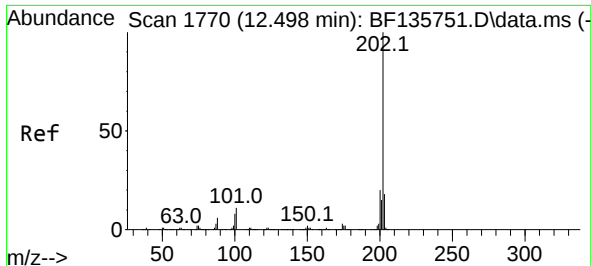
Ion Ratio Lower Upper

167 100

166 23.4 17.1 25.7

139 16.4 10.2 15.4#

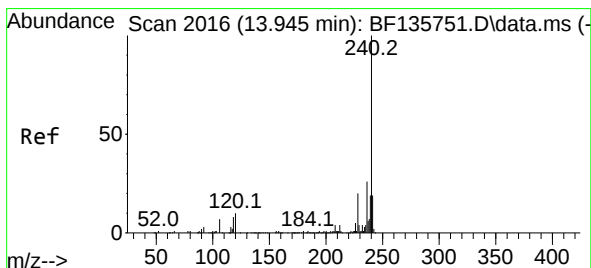
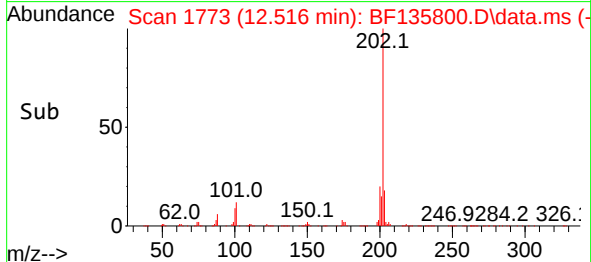
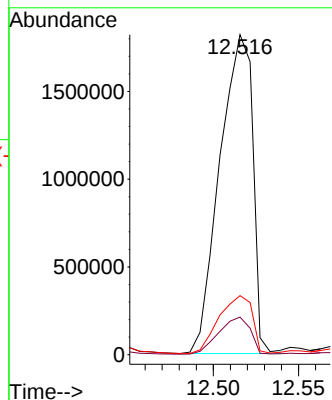
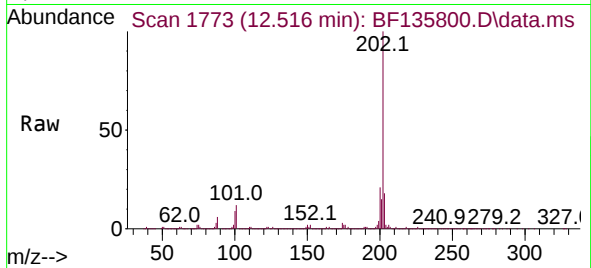




#75
Fluoranthene
Concen: 160.731 ng
RT: 12.516 min Scan# 1
Delta R.T. 0.012 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

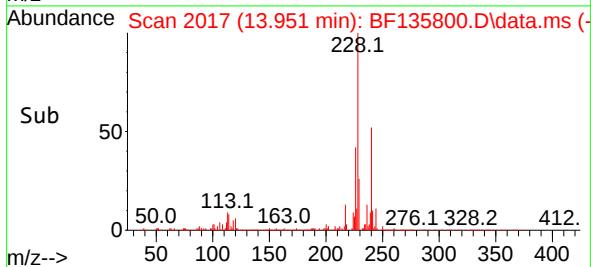
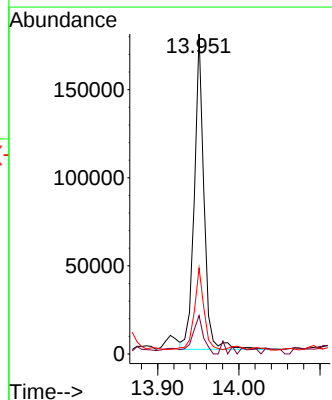
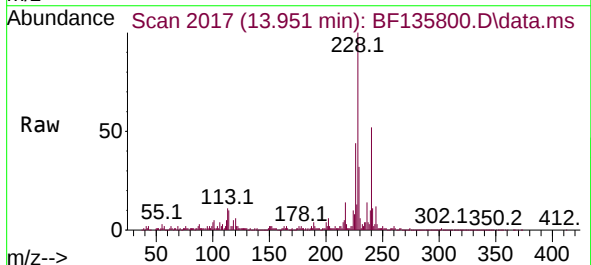
Instrument :
BNA_F
ClientSampleId :

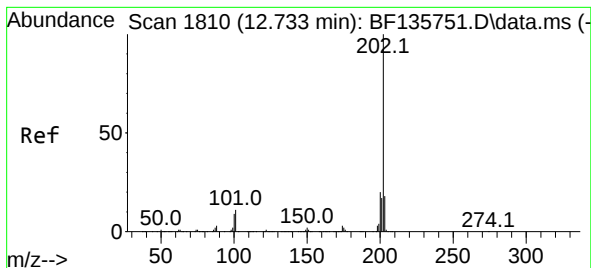
Tgt Ion:202 Resp: 2444563
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 18.5 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF135800.D
Acq: 17 Oct 2023 03:29

Tgt Ion:240 Resp: 148613
Ion Ratio Lower Upper
240 100
120 12.0 8.2 12.2
236 26.9 21.2 31.8





#78

Pyrene

Concen: 271.782 ng

RT: 12.757 min Scan# 1814

Delta R.T. 0.023 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

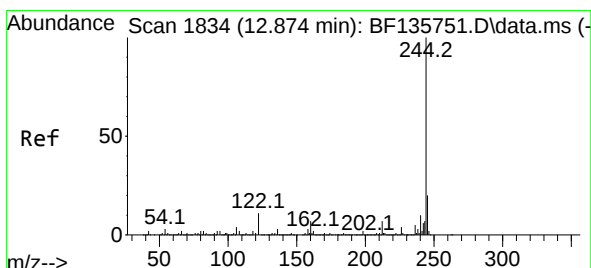
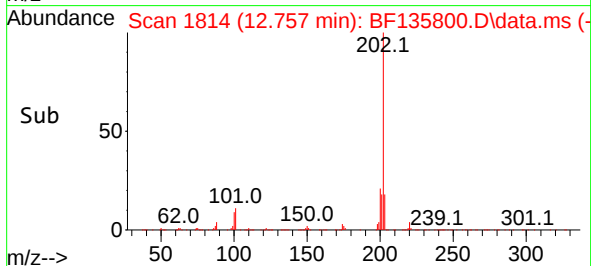
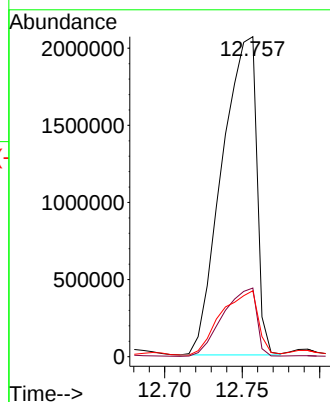
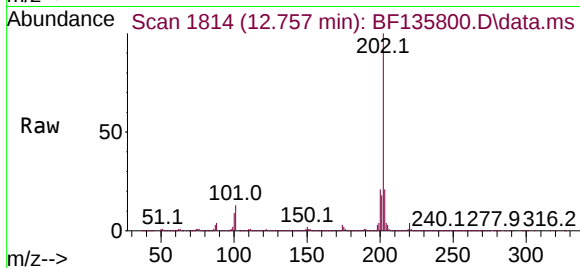
Tgt Ion:202 Resp: 3209627

Ion Ratio Lower Upper

202 100

200 21.5 16.1 24.1

203 20.6 14.2 21.2



#79

Terphenyl-d14

Concen: 40.598 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

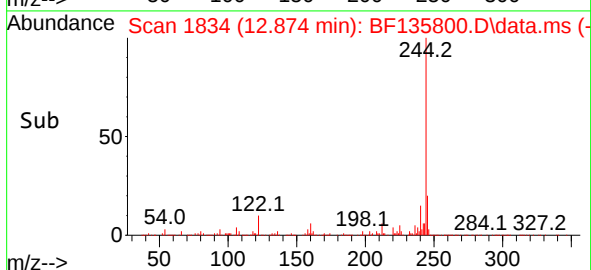
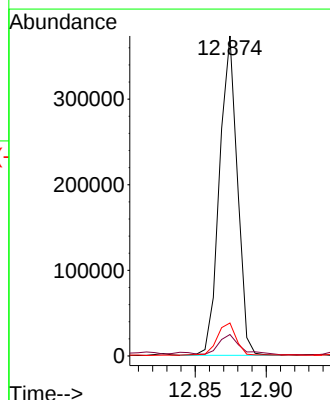
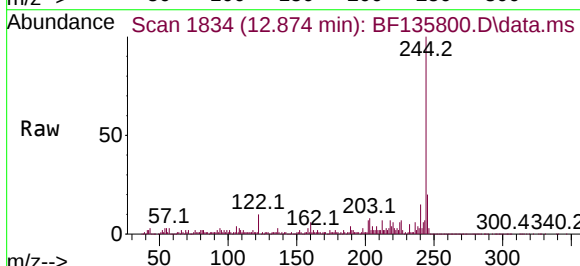
Tgt Ion:244 Resp: 325792

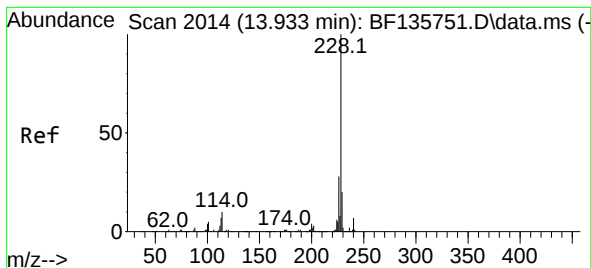
Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

122 10.3 9.0 13.6





#81

Benzo(a)anthracene

Concen: 133.020 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

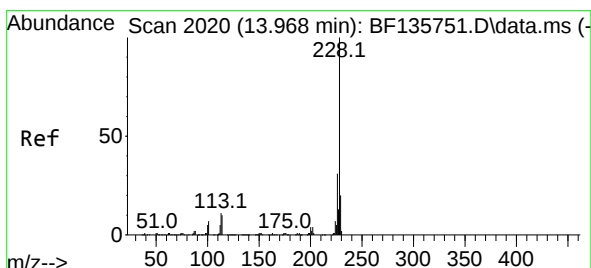
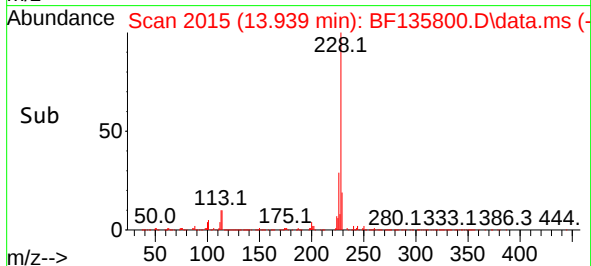
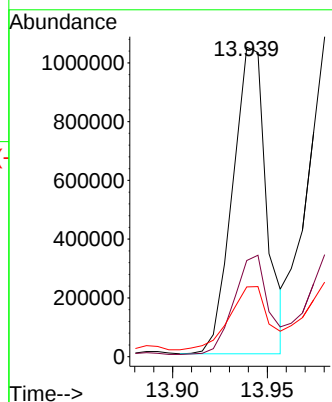
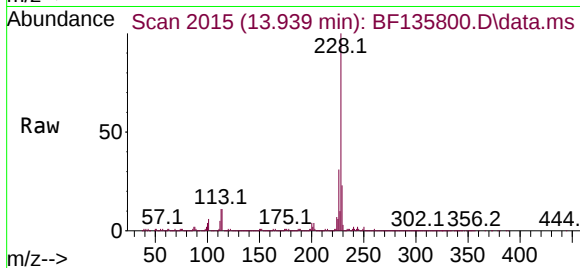
Tgt Ion:228 Resp: 1298471

Ion Ratio Lower Upper

228 100

226 31.0 22.2 33.2

229 22.5 16.1 24.1



#83

Chrysene

Concen: 128.250 ng

RT: 13.980 min Scan# 2022

Delta R.T. 0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

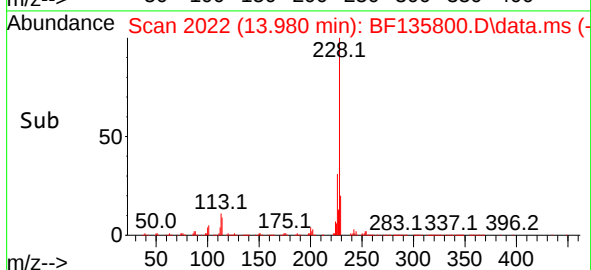
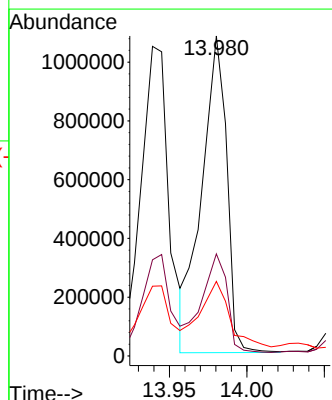
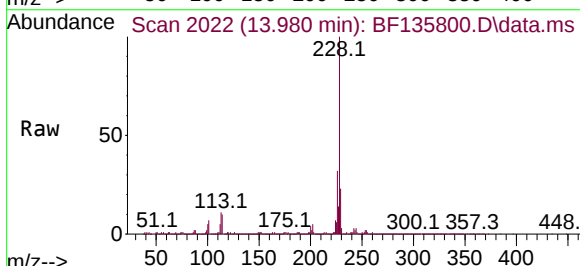
Tgt Ion:228 Resp: 1212575

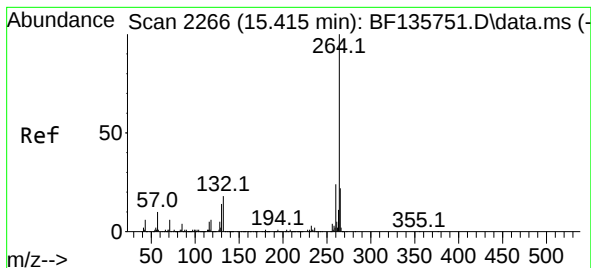
Ion Ratio Lower Upper

228 100

226 31.9 24.4 36.6

229 23.3 15.7 23.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

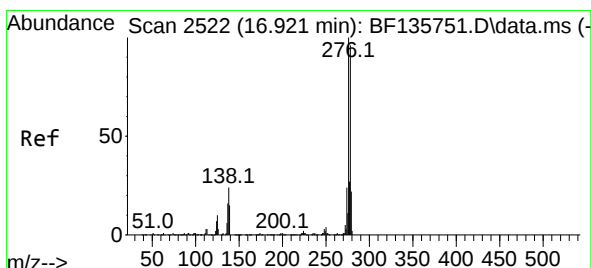
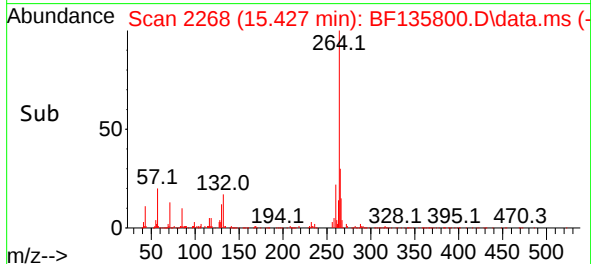
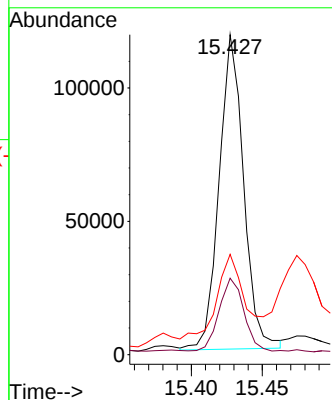
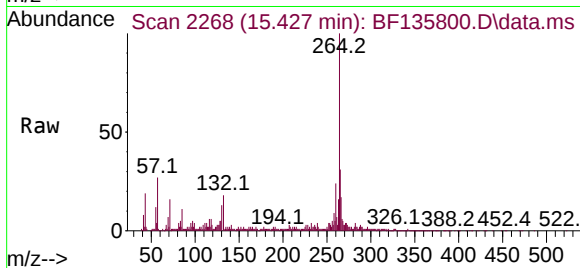
Tgt Ion:264 Resp: 141480

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 31.3 17.4 26.2#



#87

Indeno(1,2,3-cd)pyrene

Concen: 43.451 ng

RT: 16.939 min Scan# 2525

Delta R.T. 0.006 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

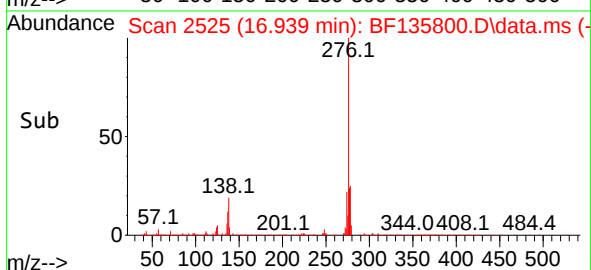
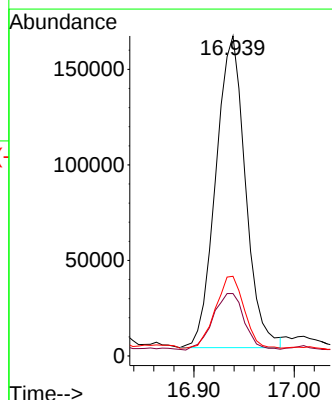
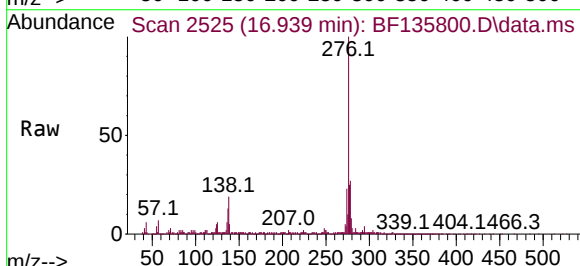
Tgt Ion:276 Resp: 334961

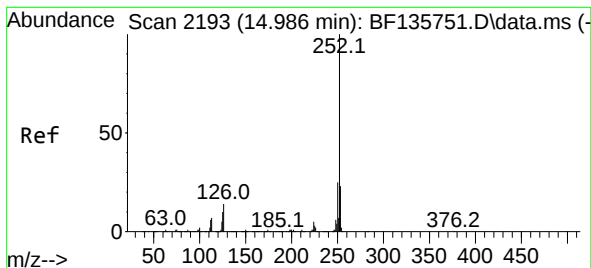
Ion Ratio Lower Upper

276 100

138 19.2 19.8 29.6#

277 22.5 20.2 30.4





#88

Benzo(b)fluoranthene

Concen: 134.154 ng

RT: 15.004 min Scan# 2196

Delta R.T. 0.012 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

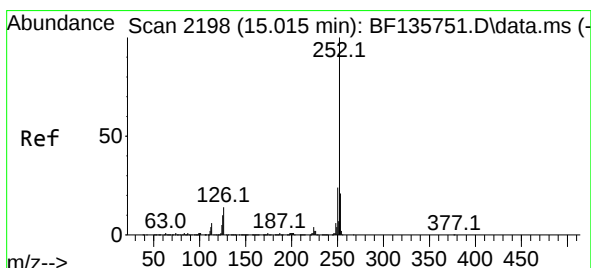
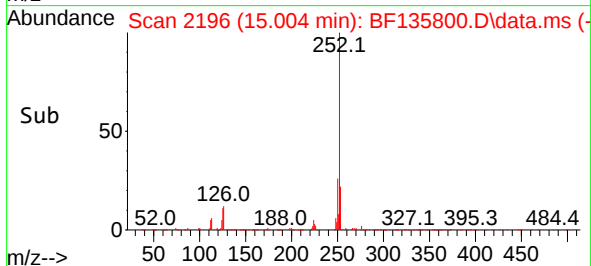
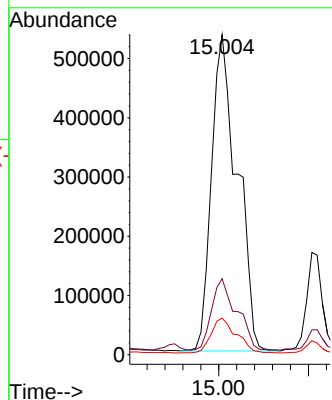
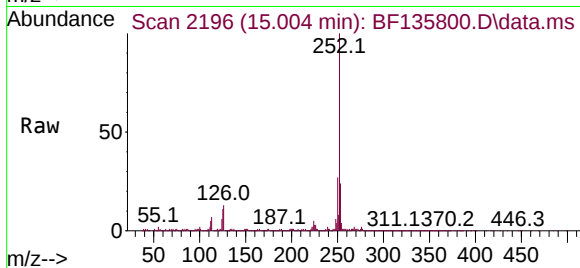
Tgt Ion:252 Resp: 1062252

Ion Ratio Lower Upper

252 100

253 23.8 18.2 27.2

125 11.4 8.2 12.2



#89

Benzo(k)fluoranthene

Concen: 138.181 ng

RT: 15.004 min Scan# 2196

Delta R.T. -0.018 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

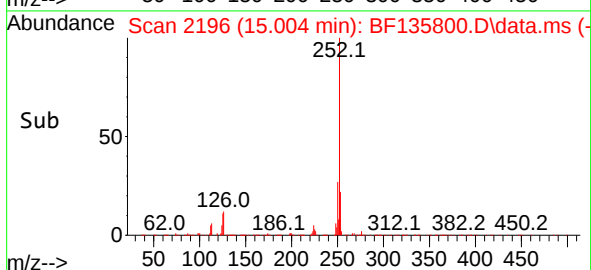
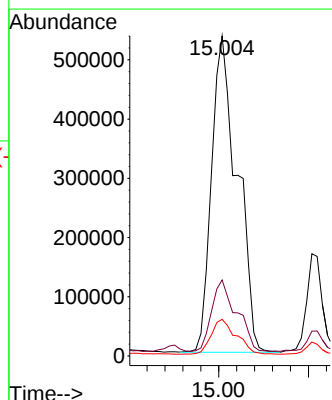
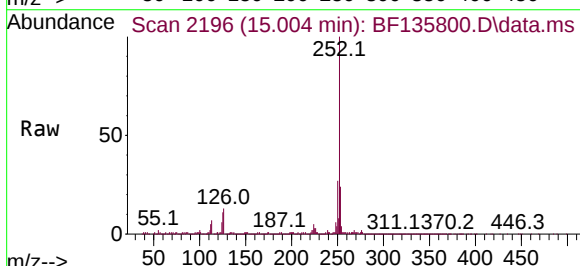
Tgt Ion:252 Resp: 1062252

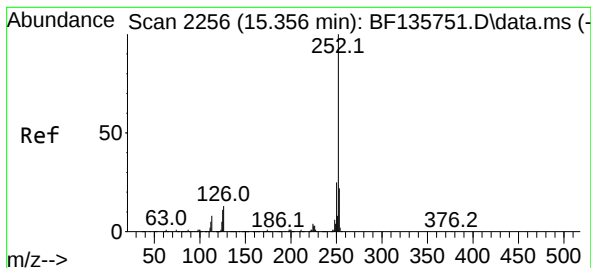
Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.0

125 11.4 8.3 12.5





#90

Benzo(a)pyrene

Concen: 114.130 ng

RT: 15.374 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

Instrument :

BNA_F

ClientSampleId :

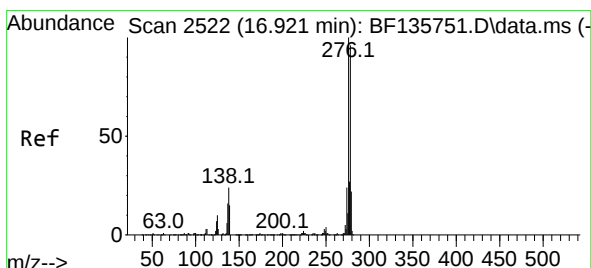
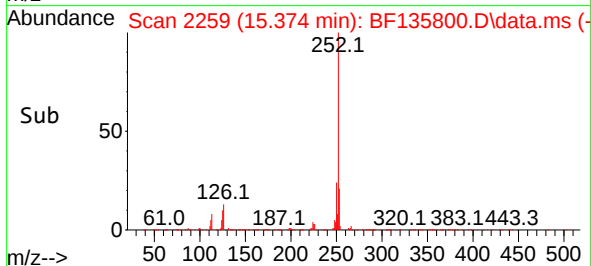
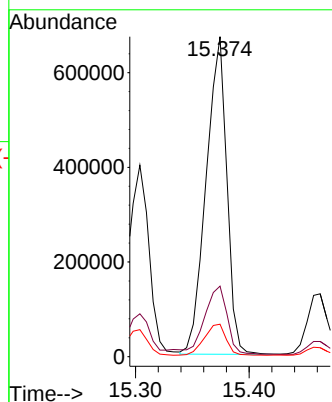
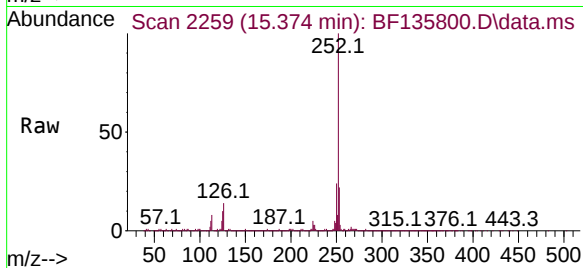
Tgt Ion:252 Resp: 849781

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 15.929 ng

RT: 16.939 min Scan# 2525

Delta R.T. -0.000 min

Lab File: BF135800.D

Acq: 17 Oct 2023 03:29

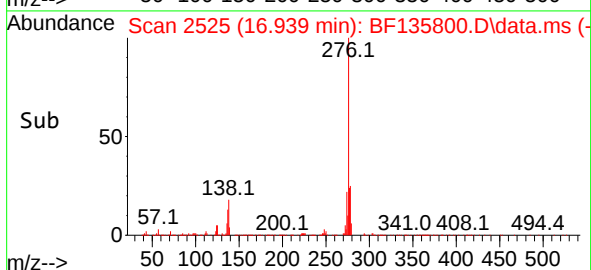
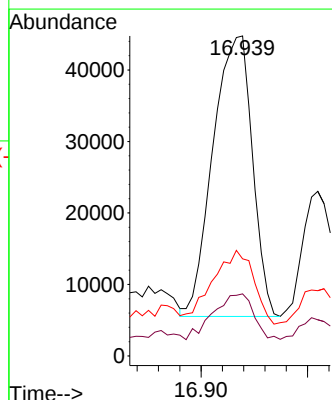
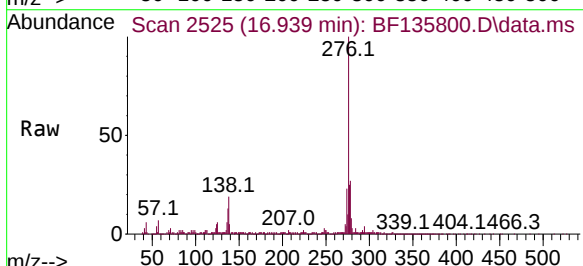
Tgt Ion:278 Resp: 100665

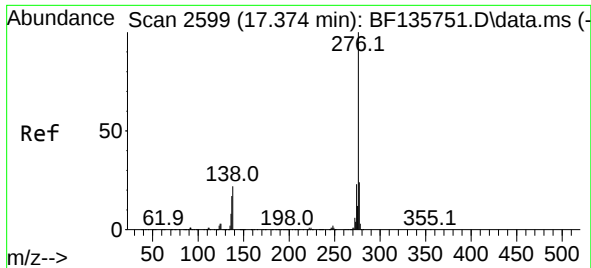
Ion Ratio Lower Upper

278 100

139 19.4 12.5 18.7#

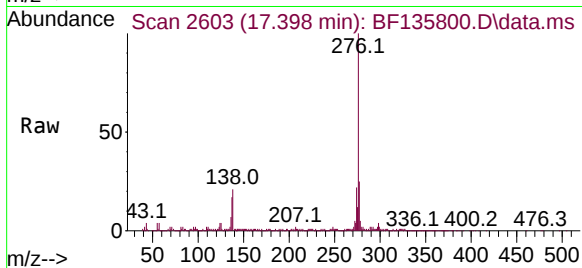
279 30.4 18.6 27.8#





#92
 Benzo(g,h,i)perylene
 Concen: 54.969 ng
 RT: 17.398 min Scan# 20
 Delta R.T. 0.012 min
 Lab File: BF135800.D
 Acq: 17 Oct 2023 03:29

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:276 Resp: 356831

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.4	29.2
138	20.9	17.3	25.9

