

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135969.D
 Acq On : 26 Oct 2023 18:15
 Operator : CG\JU
 Sample : 04693-04RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-3(0-5)

Quant Time: Oct 26 18:55:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

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

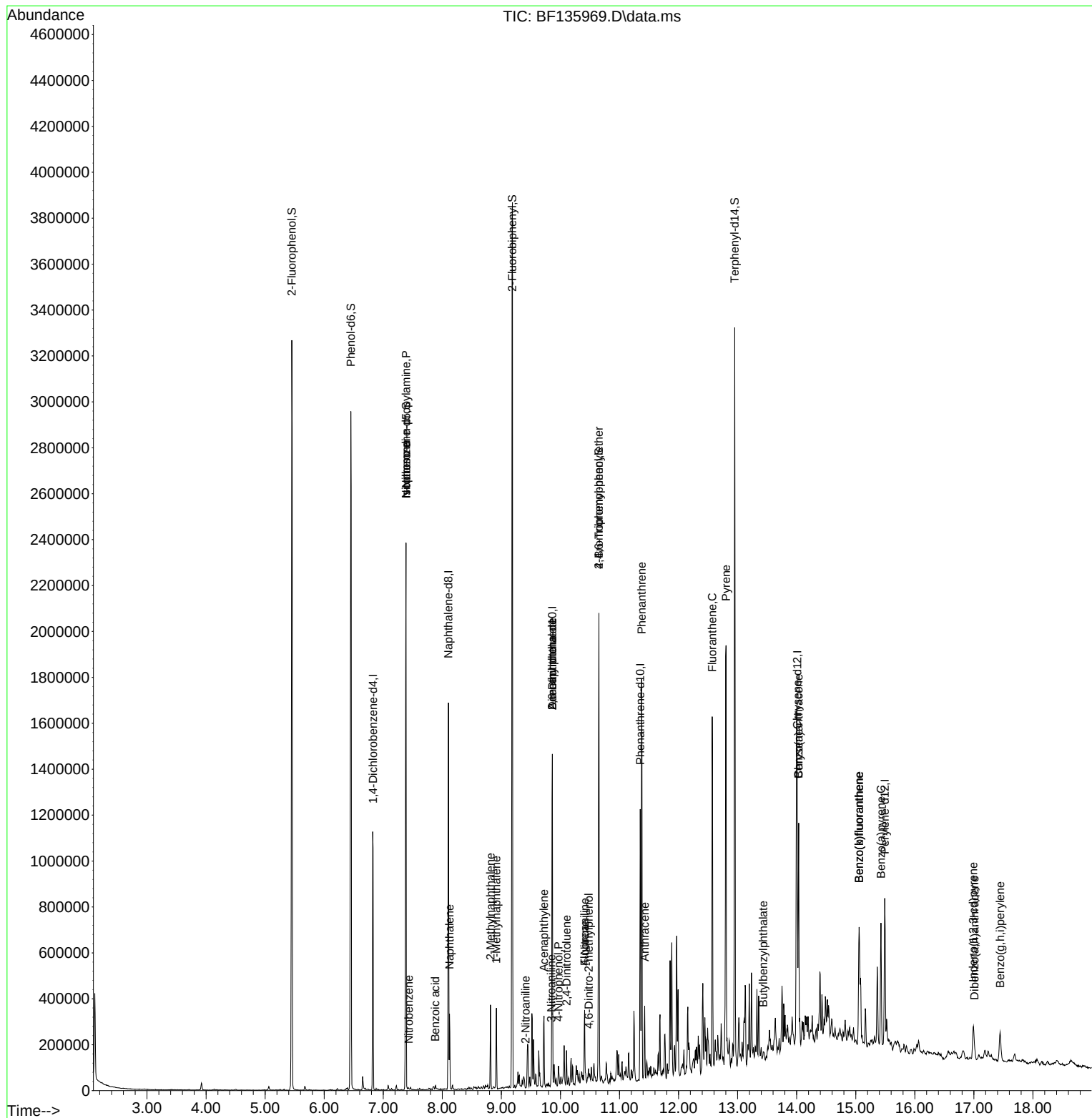
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	163393	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	627479	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	282259	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	411429	20.000	ng	0.00
76) Chrysene-d12	14.010	240	349411	20.000	ng	0.00
86) Perylene-d12	15.492	264	290699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	981011	92.712	ng	0.00
7) Phenol-d6	6.451	99	1202874	91.311	ng	0.00
23) Nitrobenzene-d5	7.387	82	654431	69.383	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	223957	90.649	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1200248	68.090	ng	0.00
79) Terphenyl-d14	12.951	244	1046482	50.040	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	85954	11.474	ng	# 77
24) Nitrobenzene	7.434	77	146	2.595	ng	# 9
25) Isophorone	7.387	82	653594	32.953	ng	# 64
31) Naphthalene	8.122	128	123802	4.081	ng	# 99
32) Benzoic acid	7.881	122	603	5.935	ng	# 36
37) 2-Methylnaphthalene	8.816	142	79599	3.966	ng	100
38) 1-Methylnaphthalene	8.916	142	77268	4.120	ng	99
48) 2-Nitroaniline	9.410	65	272	4.276	ng	# 33
49) Acenaphthylene	9.722	152	92695	3.714	ng	98
50) Dimethylphthalate	9.863	163	59452	3.248	ng	# 1
51) 2,6-Dinitrotoluene	9.863	165	39956	14.325	ng	# 21
53) 3-Nitroaniline	9.845	138	70	4.576	ng	# 52
56) 4-Nitrophenol	9.969	139	1540	6.569	ng	# 43
57) 2,4-Dinitrotoluene	10.104	165	1711	6.148	ng	# 45
58) Fluorene	10.410	166	78747	4.555	ng	98
62) 4-Nitroaniline	10.410	138	964	4.843	ng	# 41
65) 4,6-Dinitro-2-methylph...	10.480	198	55	6.968	ng	# 1
67) 4-Bromophenyl-phenylether	10.651	248	14071	3.340	ng	# 1
71) Phenanthrene	11.375	178	630921	30.310	ng	100
72) Anthracene	11.427	178	111069	5.211	ng	97
75) Fluoranthene	12.569	202	584813	26.705	ng	97
78) Pyrene	12.804	202	771279	26.289	ng	98
80) Butylbenzylphthalate	13.433	149	2290	4.017	ng	# 88
81) Benzo(a)anthracene	14.033	228	374313	15.755	ng	96
83) Chrysene	14.033	228	374313	16.177	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	103358	6.270	ng	97
88) Benzo(b)fluoranthene	15.057	252	419768	24.264	ng	99
89) Benzo(k)fluoranthene	15.057	252	419768	24.705	ng	98
90) Benzo(a)pyrene	15.427	252	243801	15.291	ng	98
91) Dibenzo(a,h)anthracene	17.009	278	28759	2.040	ng	93
92) Benzo(g,h,i)perylene	17.445	276	103721	9.721	ng	99

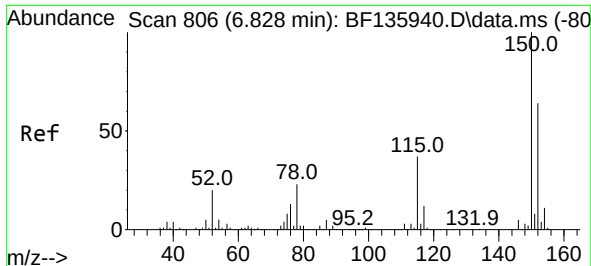
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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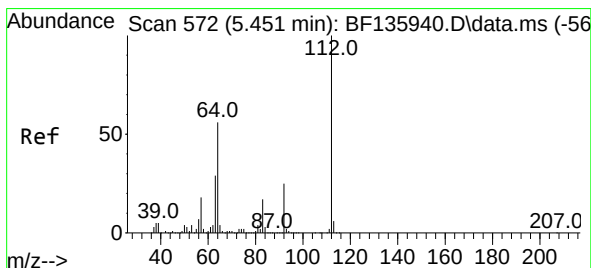
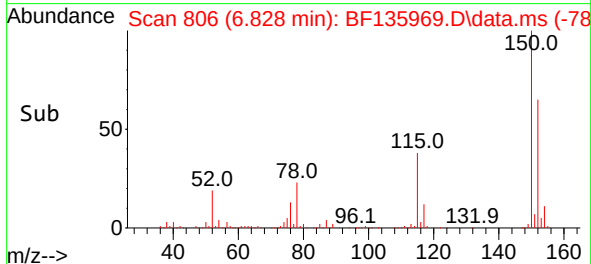
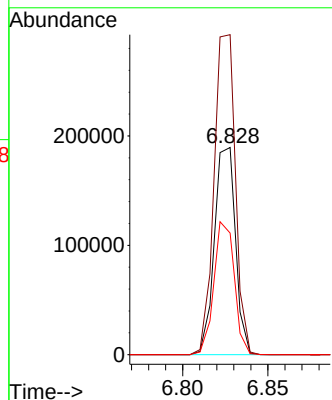
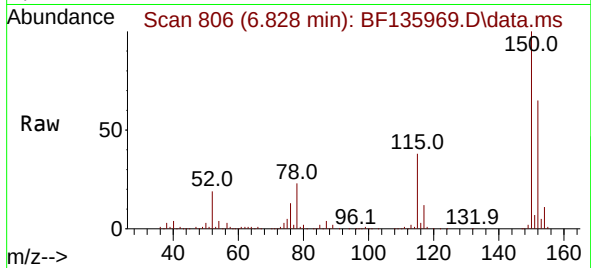




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

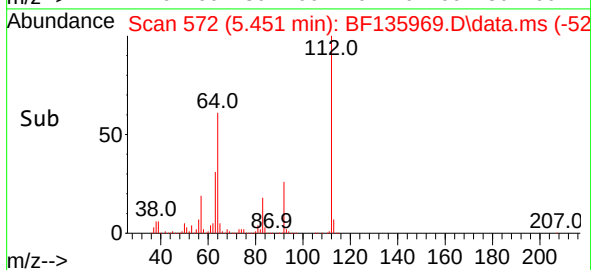
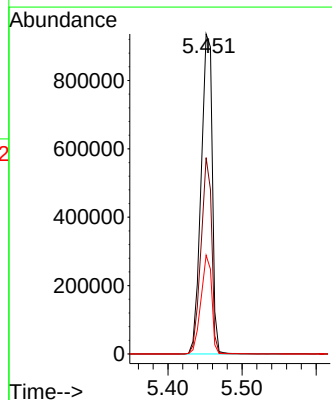
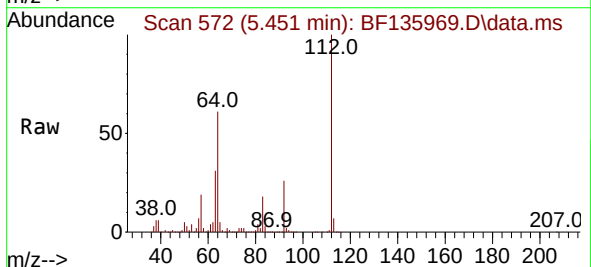
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

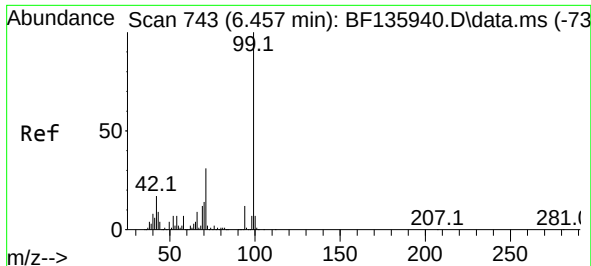
Tgt Ion:152 Resp: 163393
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 58.7 46.6 69.8



#5
2-Fluorophenol
Concen: 92.712 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:112 Resp: 981011
Ion Ratio Lower Upper
112 100
64 61.4 45.1 67.7
63 30.9 23.0 34.4

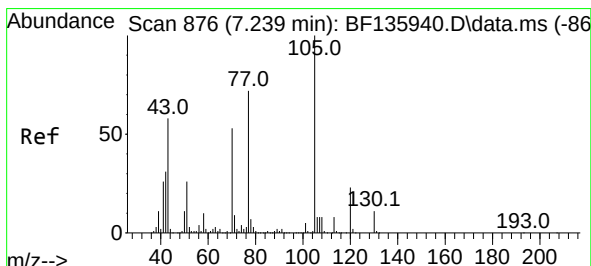
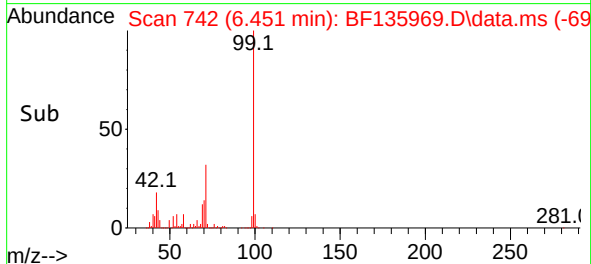
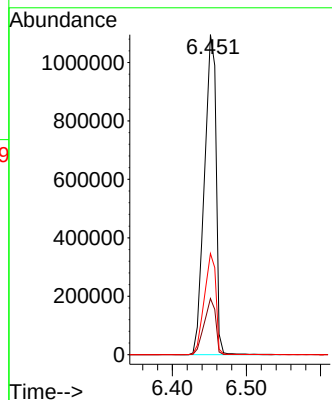
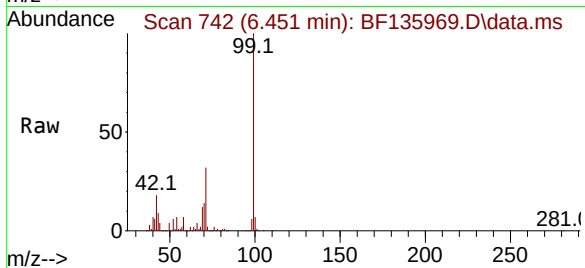




#7
Phenol-d6
Concen: 91.311 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

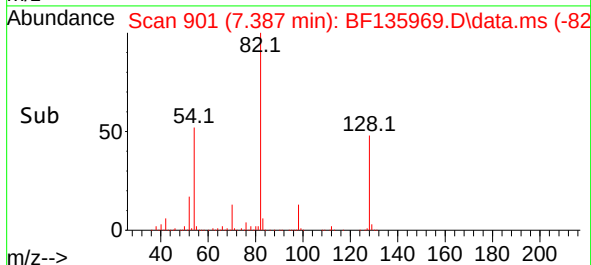
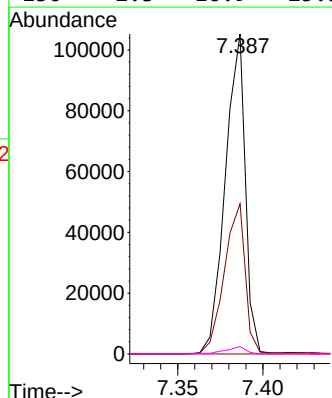
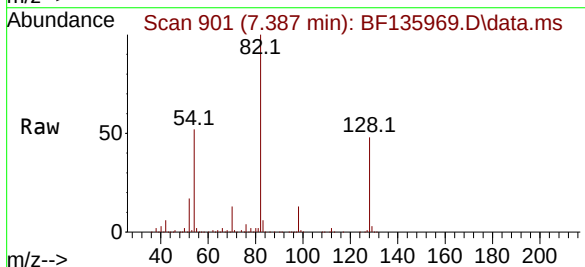
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

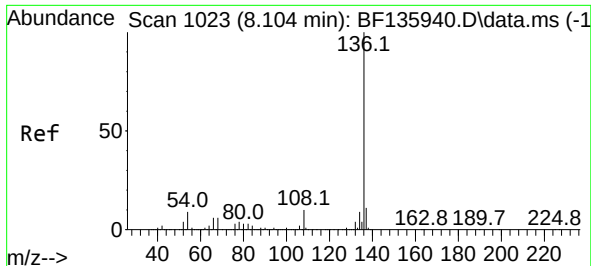
Tgt Ion: 99 Resp: 1202874
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.8
71 31.6 25.1 37.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.474 ng
RT: 7.387 min Scan# 901
Delta R.T. 0.147 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion: 70 Resp: 85954
Ion Ratio Lower Upper
70 100
42 46.9 47.3 70.9#
101 0.0 7.8 11.8#
130 2.3 16.9 25.3#



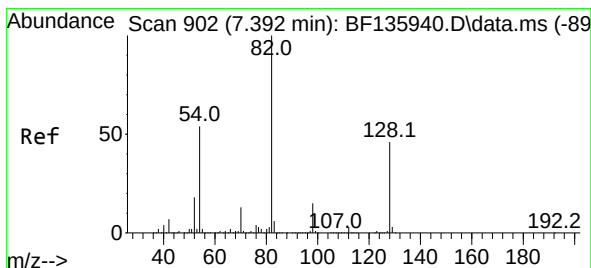
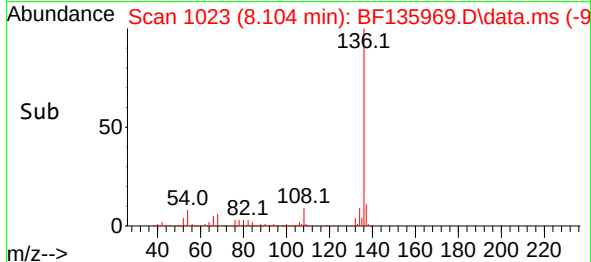
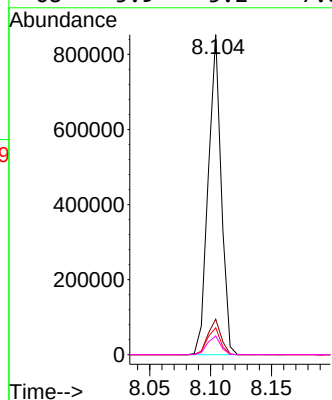
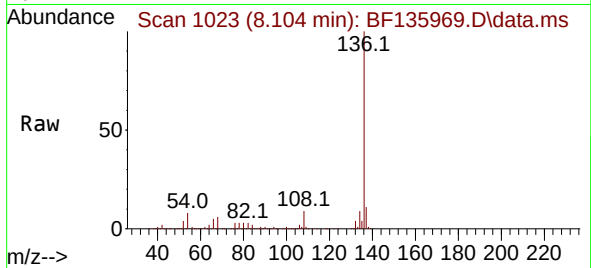


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

Tgt Ion:136 Resp: 627479

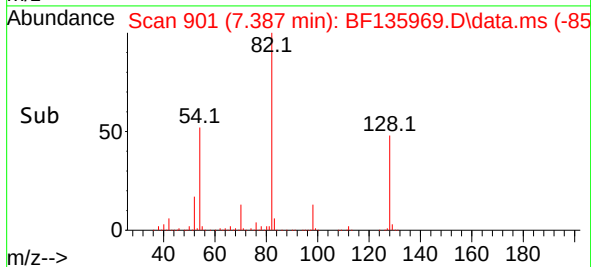
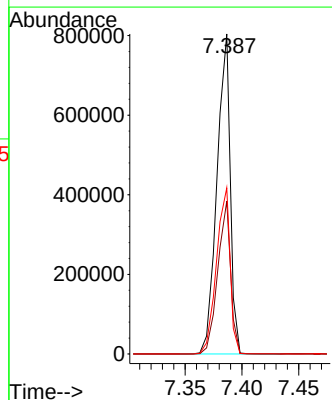
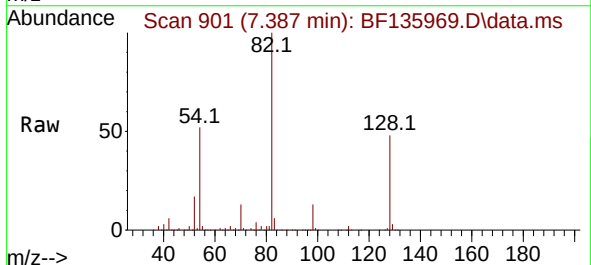
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	8.4	7.1	10.7
68	5.9	5.2	7.8

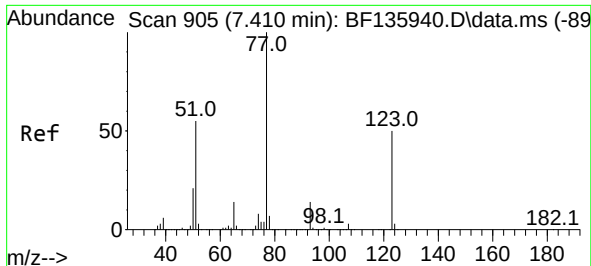


#23
Nitrobenzene-d5
Concen: 69.383 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.005 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion: 82 Resp: 654431

Ion	Ratio	Lower	Upper
82	100		
128	47.8	36.8	55.2
54	51.9	43.4	65.0

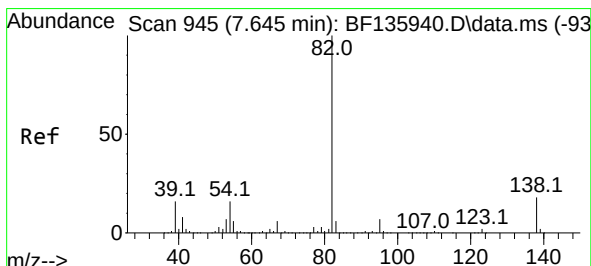
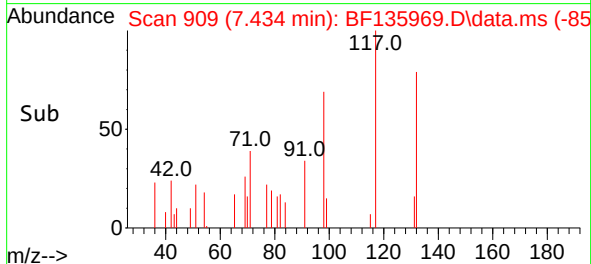
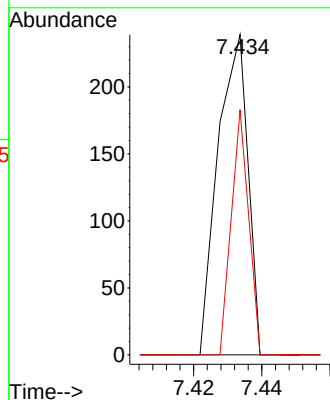
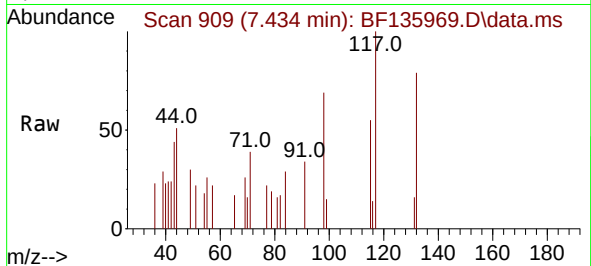




#24
Nitrobenzene
Concen: 2.595 ng
RT: 7.434 min Scan# 901
Delta R.T. 0.024 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

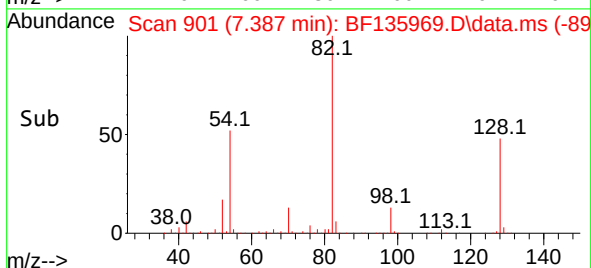
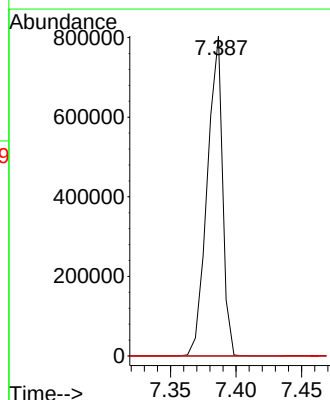
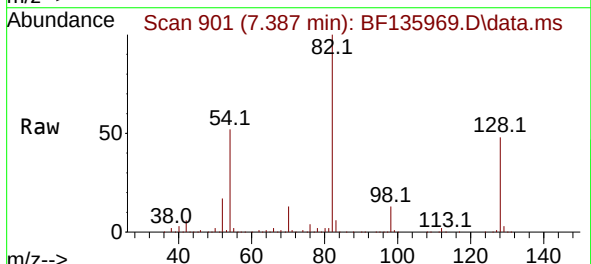
Instrument :
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ClientSampleId :
S-3(0-5)

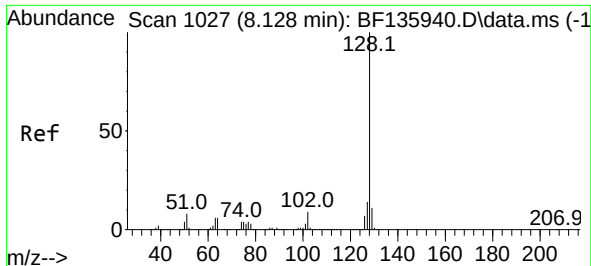
Tgt Ion: 77 Resp: 146
Ion Ratio Lower Upper
77 100
123 0.0 40.2 60.2#
65 76.6 11.0 16.4#



#25
Isophorone
Concen: 32.953 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.259 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion: 82 Resp: 653594
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.8 22.2#

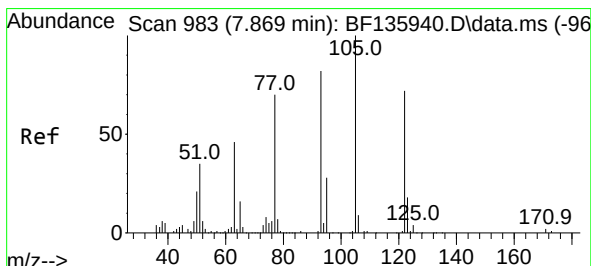
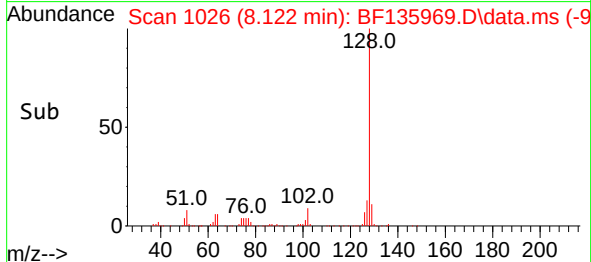
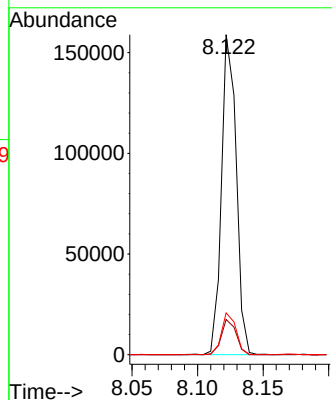
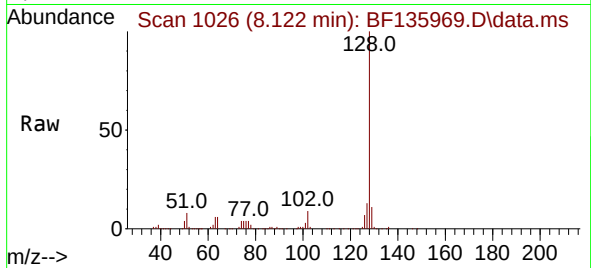




#31
Naphthalene
Concen: 4.081 ng
RT: 8.122 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

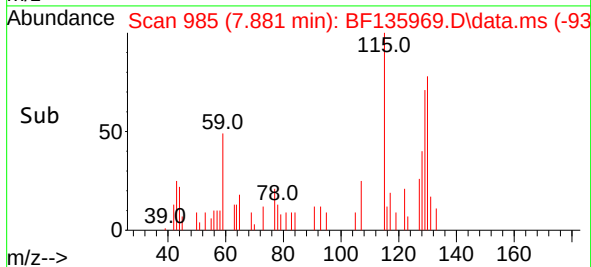
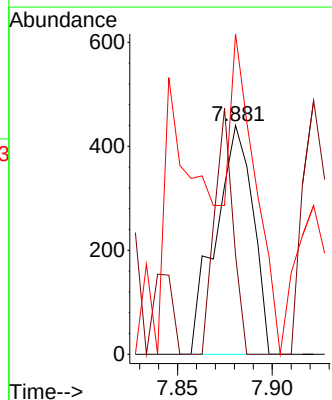
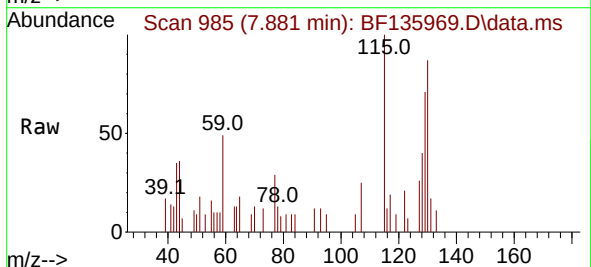
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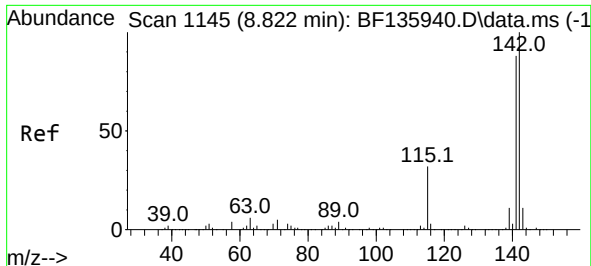
Tgt Ion:128 Resp: 123802
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.1 10.9 16.3



#32
Benzoic acid
Concen: 5.935 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.012 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:122 Resp: 603
Ion Ratio Lower Upper
122 100
105 43.2 113.1 153.1#
77 140.0 75.2 115.2#





#37

2-Methylnaphthalene

Concen: 3.966 ng

RT: 8.816 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

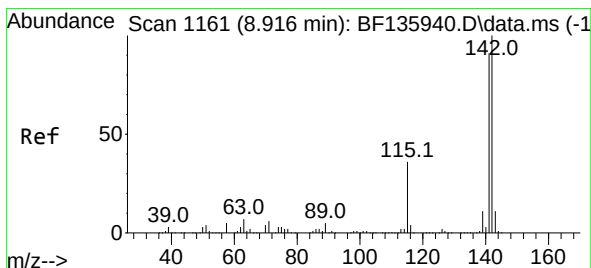
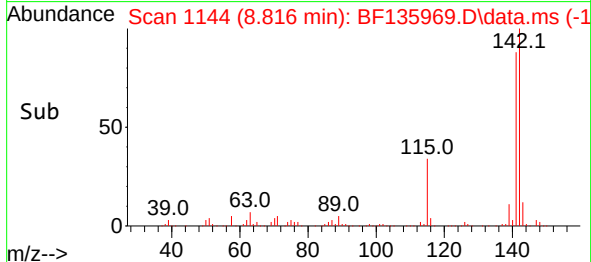
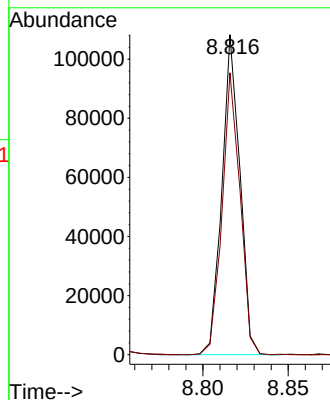
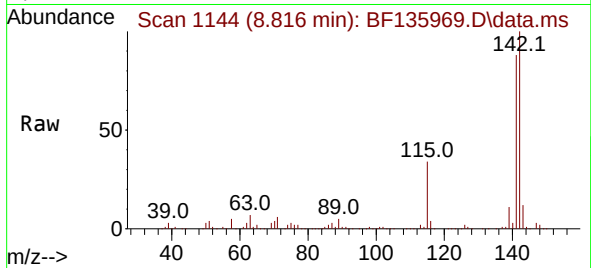
S-3(0-5)

Tgt Ion:142 Resp: 79599

Ion Ratio Lower Upper

142 100

141 88.1 70.4 105.6



#38

1-Methylnaphthalene

Concen: 4.120 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF135969.D

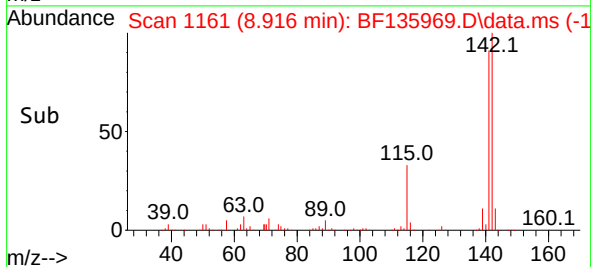
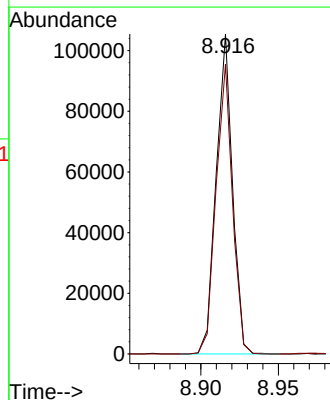
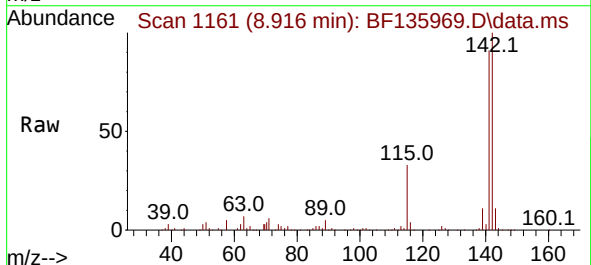
Acq: 26 Oct 2023 18:15

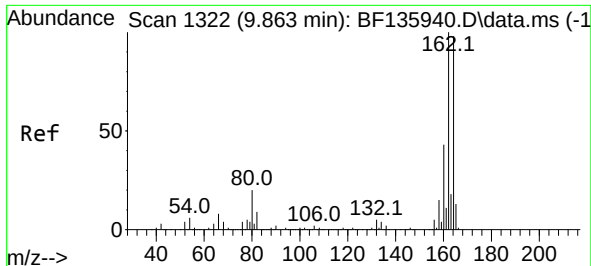
Tgt Ion:142 Resp: 77268

Ion Ratio Lower Upper

142 100

141 90.5 73.1 109.7

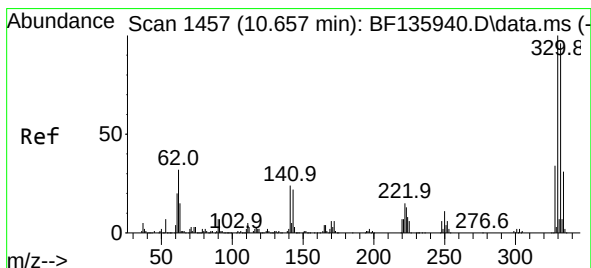
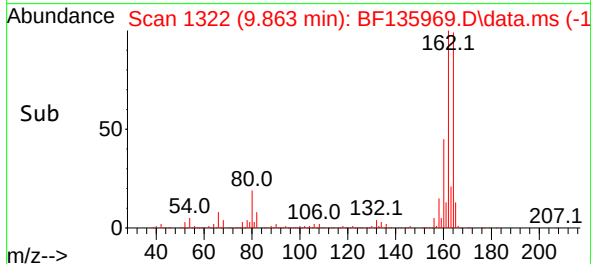
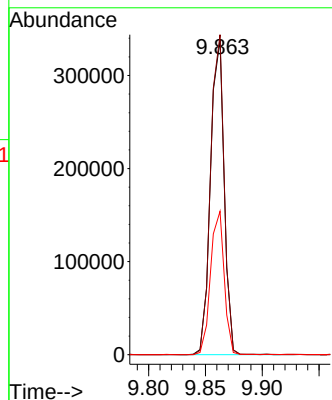
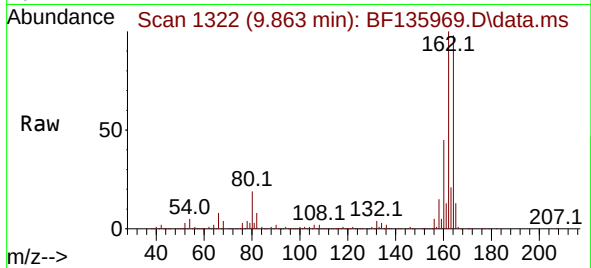




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

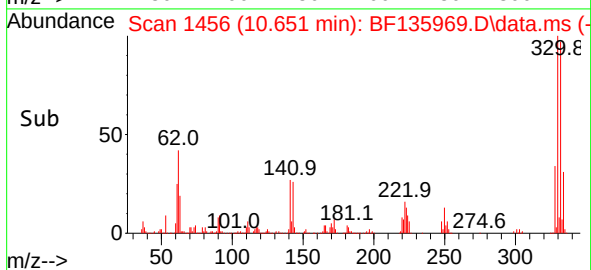
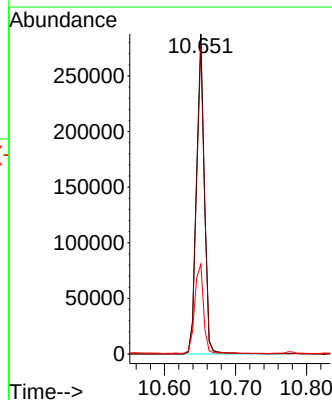
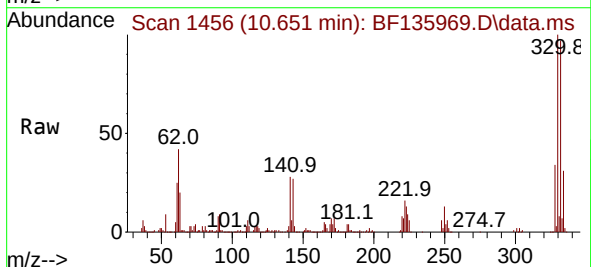
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

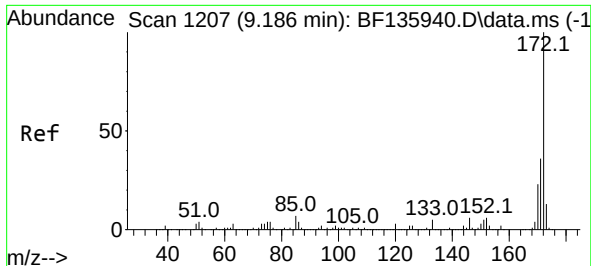
Tgt Ion:164 Resp: 282259
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 45.5 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 90.649 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:330 Resp: 223957
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.2
141 30.9 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 68.090 ng

RT: 9.186 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

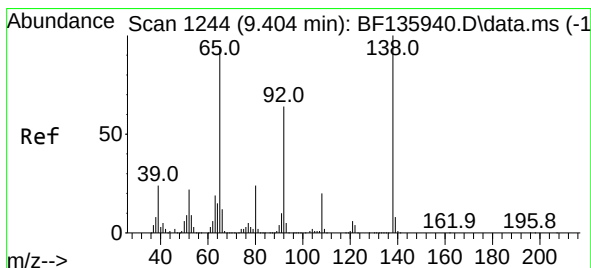
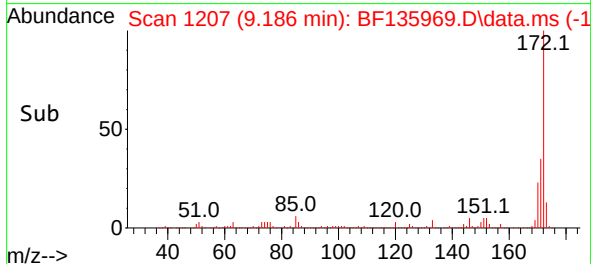
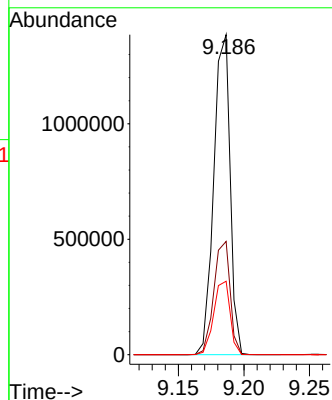
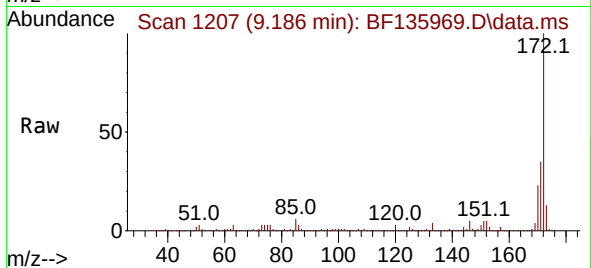
Tgt Ion:172 Resp: 1200248

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 22.9 18.6 28.0



#48

2-Nitroaniline

Concen: 4.276 ng

RT: 9.410 min Scan# 1245

Delta R.T. 0.006 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

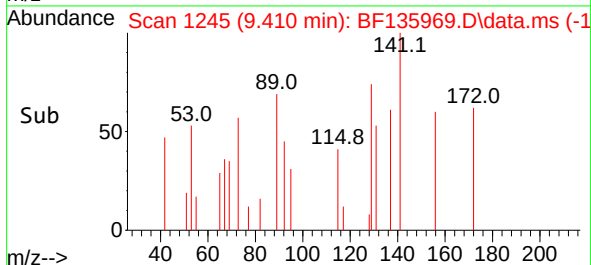
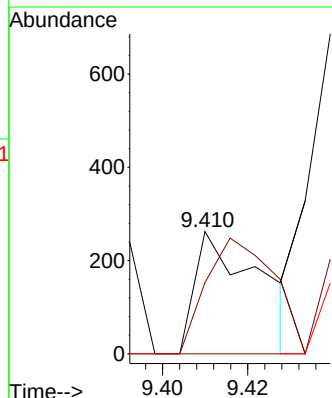
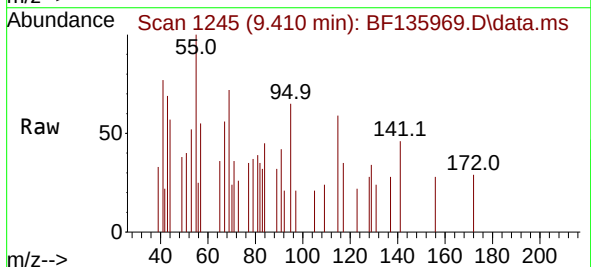
Tgt Ion: 65 Resp: 272

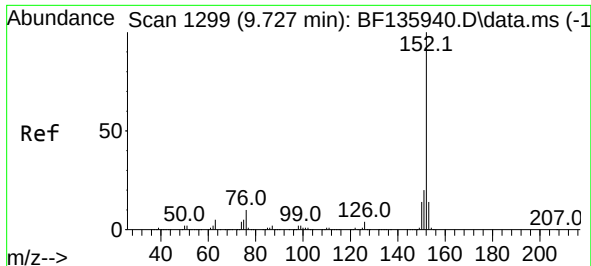
Ion Ratio Lower Upper

65 100

92 58.4 54.9 82.3

138 0.0 85.2 127.8#





#49

Acenaphthylene

Concen: 3.714 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

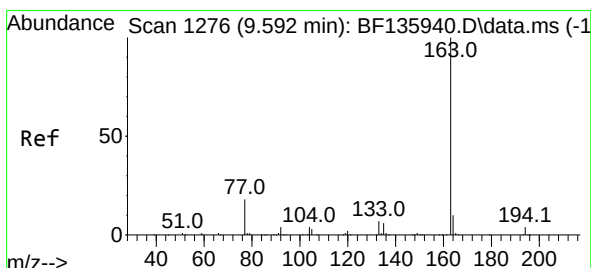
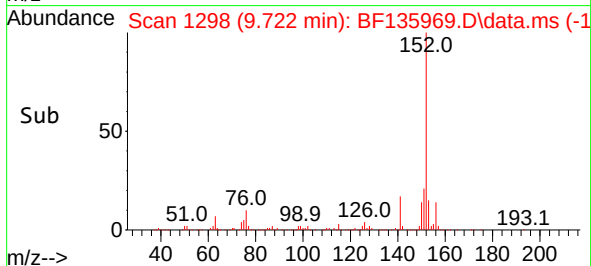
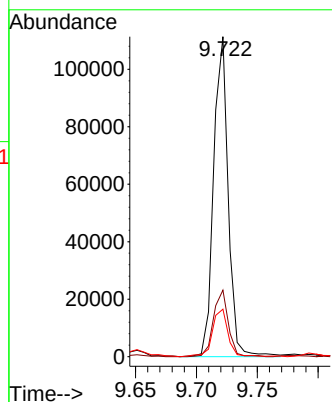
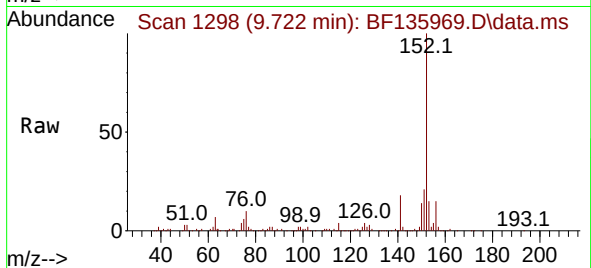
Tgt Ion:152 Resp: 92695

Ion Ratio Lower Upper

152 100

151 20.8 16.0 24.0

153 14.9 11.0 16.6



#50

Dimethylphthalate

Concen: 3.248 ng

RT: 9.863 min Scan# 1322

Delta R.T. 0.271 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

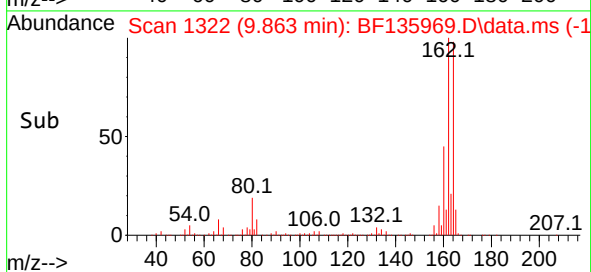
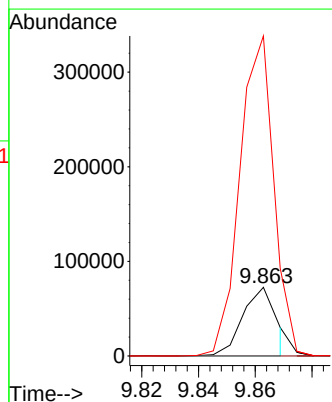
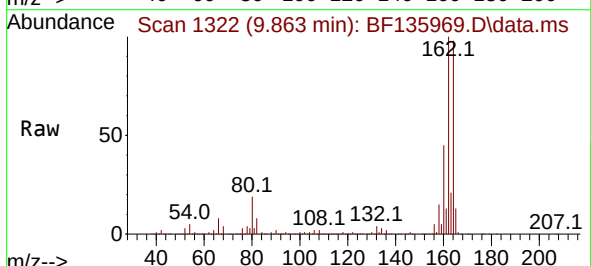
Tgt Ion:163 Resp: 59452

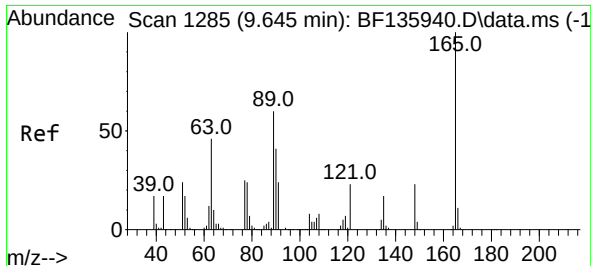
Ion Ratio Lower Upper

163 100

194 0.0 3.4 5.0#

164 466.5 8.3 12.5#

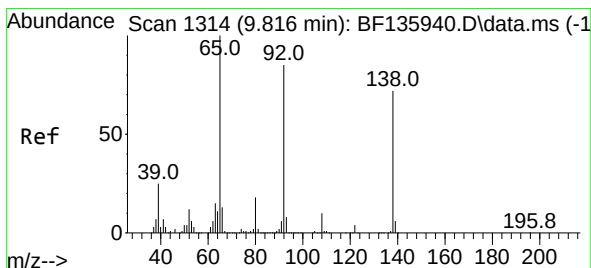
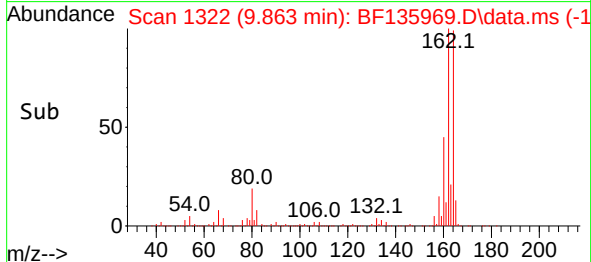
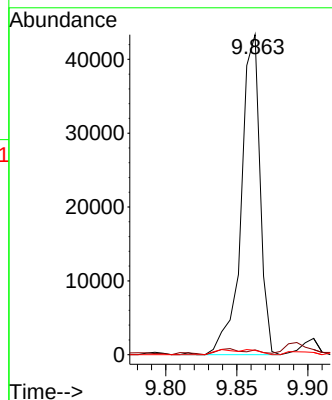
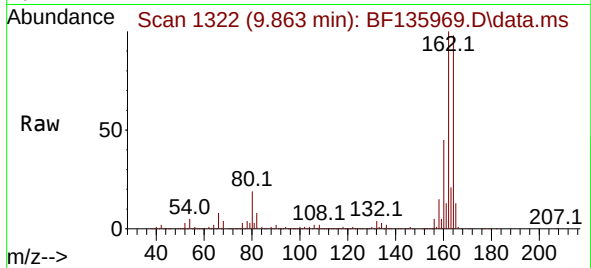




#51
2,6-Dinitrotoluene
Concen: 14.325 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

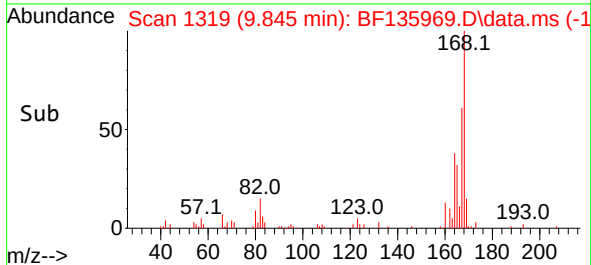
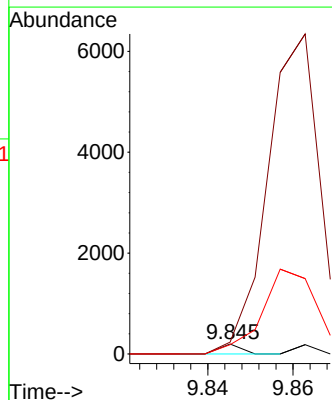
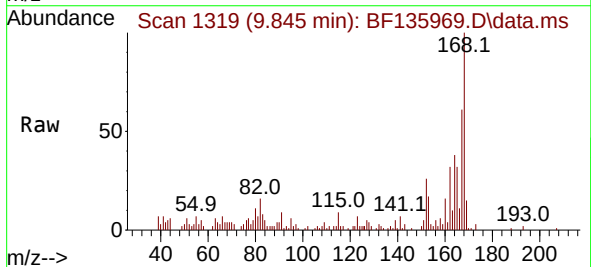
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

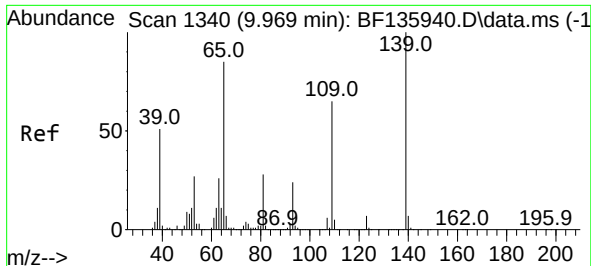
Tgt Ion:165 Resp: 39956
Ion Ratio Lower Upper
165 100
63 1.5 51.7 77.5#
89 1.4 48.3 72.5#



#53
3-Nitroaniline
Concen: 4.576 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.029 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:138 Resp: 70
Ion Ratio Lower Upper
138 100
108 119.3 11.3 16.9#
92 92.9 95.0 142.6#

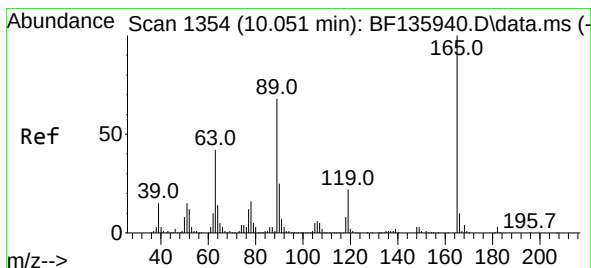
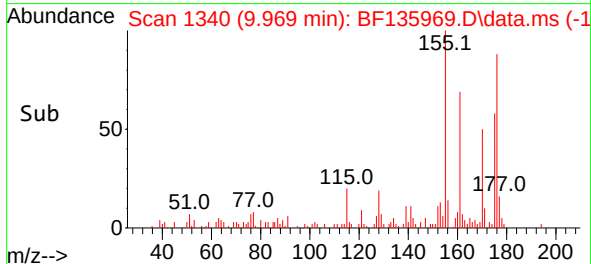
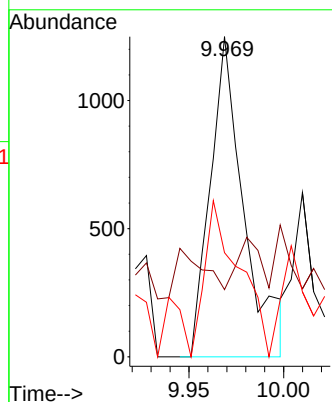
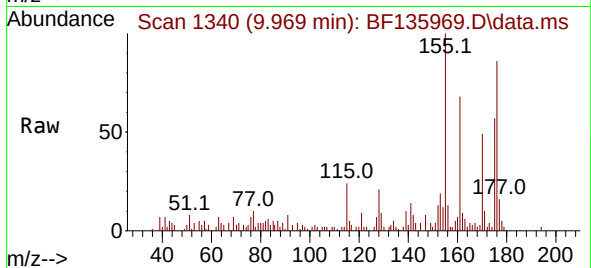




#56
4-Nitrophenol
Concen: 6.569 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

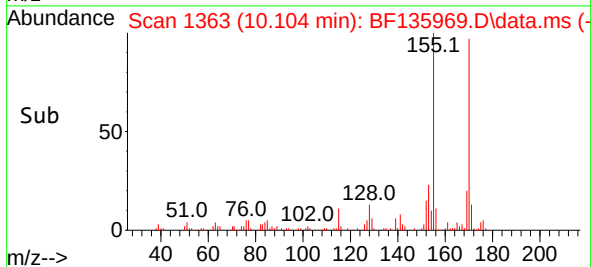
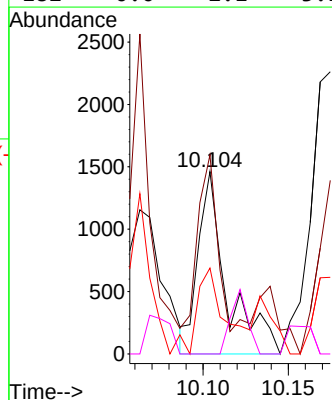
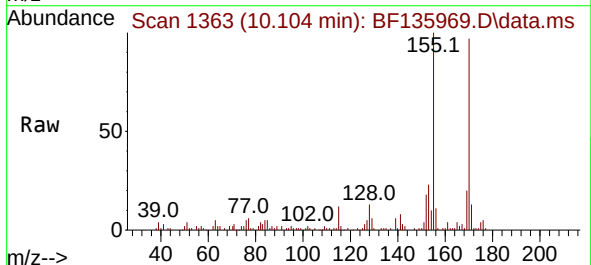
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

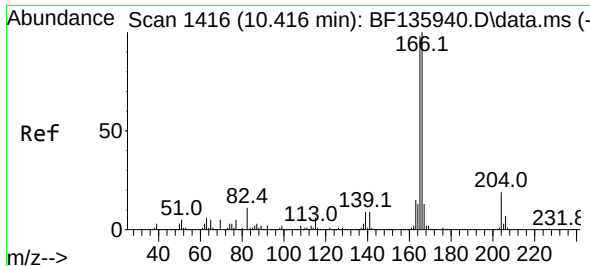
Tgt Ion:139 Resp: 1540
Ion Ratio Lower Upper
139 100
109 21.0 45.2 85.2#
65 32.5 65.1 105.1#



#57
2,4-Dinitrotoluene
Concen: 6.148 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.053 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:165 Resp: 1711
Ion Ratio Lower Upper
165 100
63 109.1 33.7 50.5#
89 47.1 54.6 81.8#
182 0.0 2.1 3.1#

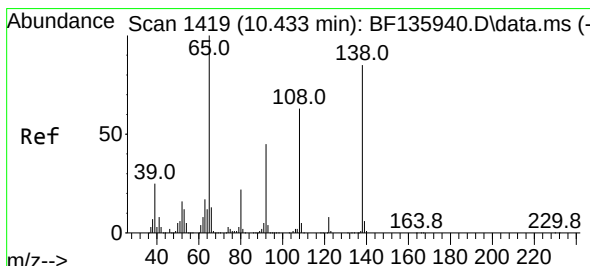
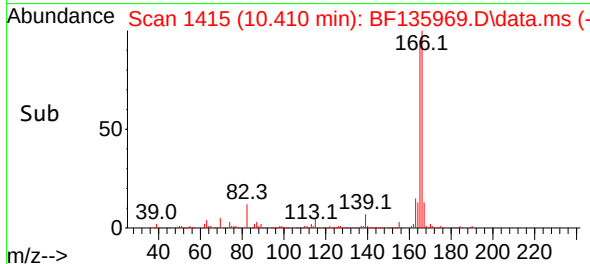
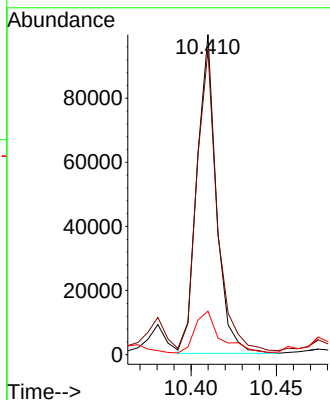
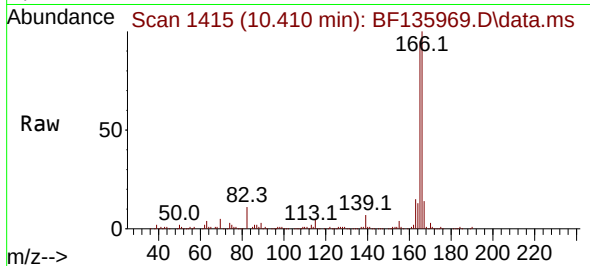




#58
Fluorene
Concen: 4.555 ng
RT: 10.410 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

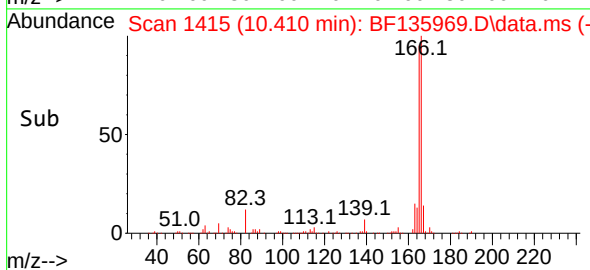
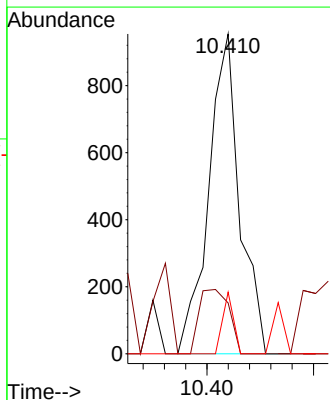
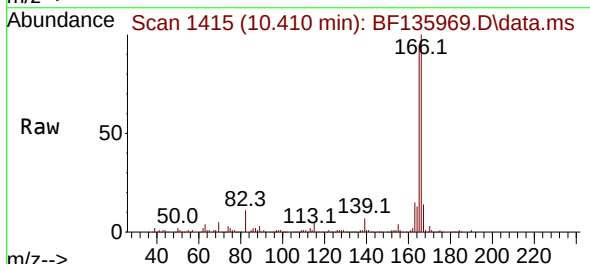
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

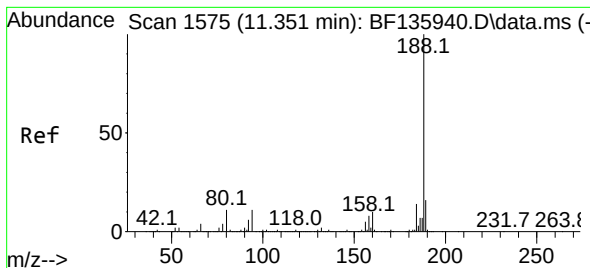
Tgt Ion:166 Resp: 78747
Ion Ratio Lower Upper
166 100
165 95.3 78.0 117.0
167 13.6 10.6 16.0



#62
4-Nitroaniline
Concen: 4.843 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:138 Resp: 964
Ion Ratio Lower Upper
138 100
92 15.9 32.9 72.9#
108 19.3 53.5 93.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

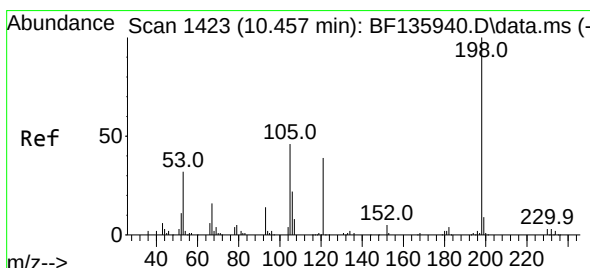
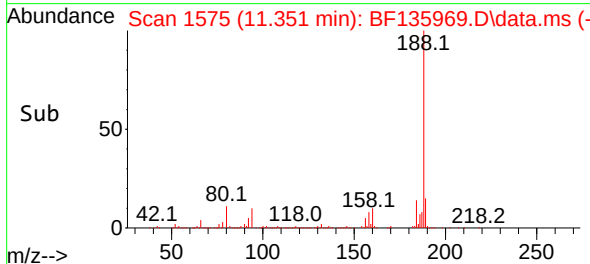
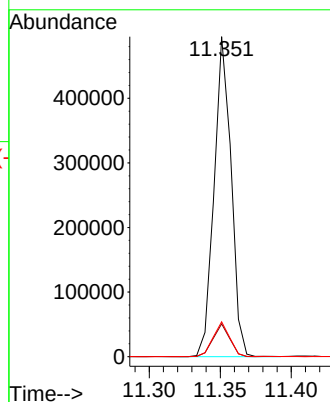
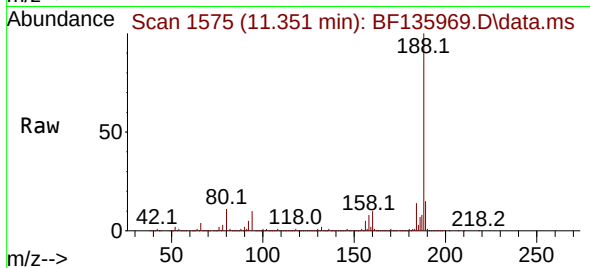
Tgt Ion:188 Resp: 411429

Ion Ratio Lower Upper

188 100

94 10.3 8.6 13.0

80 10.9 9.0 13.6



#65

4,6-Dinitro-2-methylphenol

Concen: 6.968 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.023 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

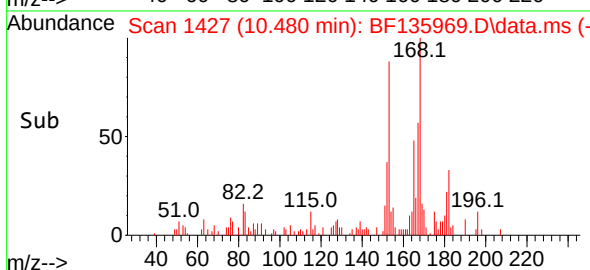
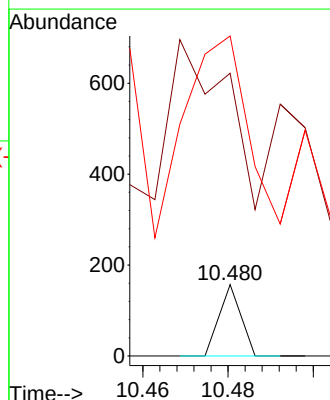
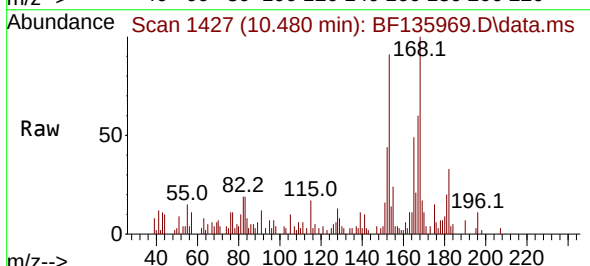
Tgt Ion:198 Resp: 55

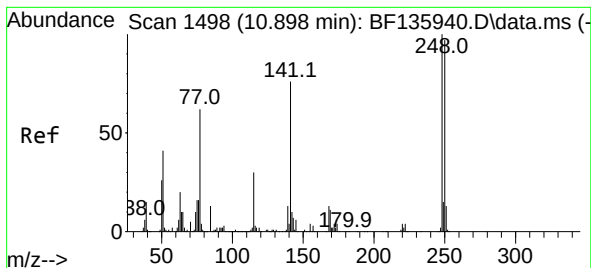
Ion Ratio Lower Upper

198 100

51 396.2 28.7 68.7#

105 448.4 27.2 67.2#

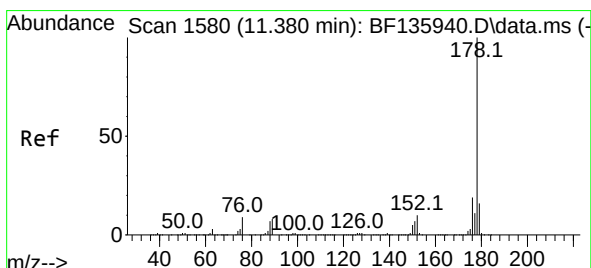
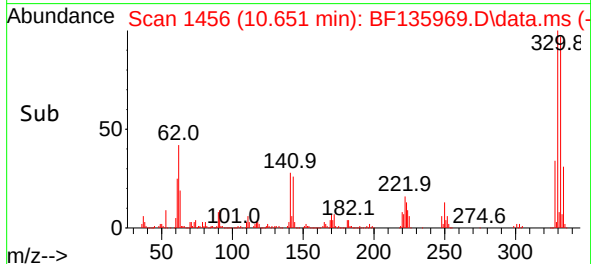
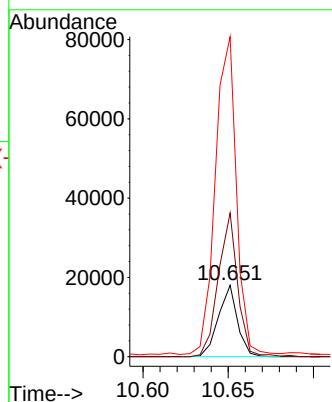
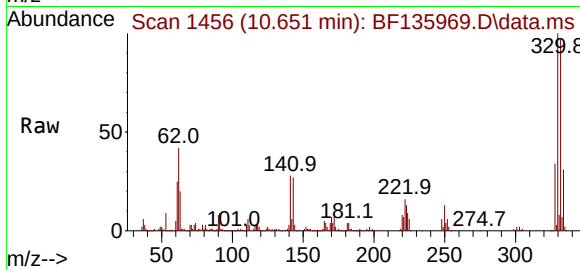




#67
4-Bromophenyl-phenylether
Concen: 3.340 ng
RT: 10.651 min Scan# 1498
Delta R.T. -0.247 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

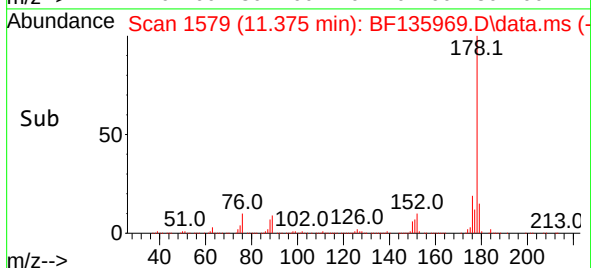
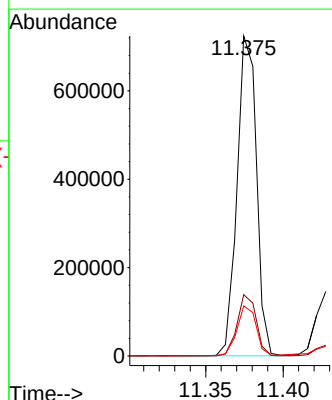
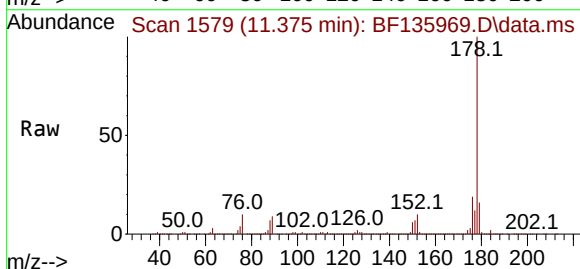
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

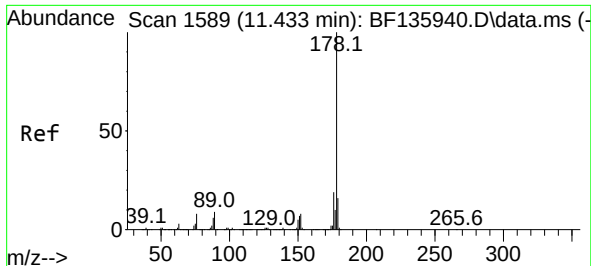
Tgt Ion:248 Resp: 14071
Ion Ratio Lower Upper
248 100
250 201.4 77.9 116.9#
141 448.1 60.8 91.2#



#71
Phenanthrene
Concen: 30.310 ng
RT: 11.375 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:178 Resp: 630921
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.2
179 15.6 12.5 18.7

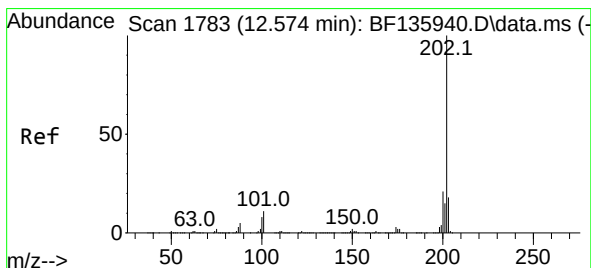
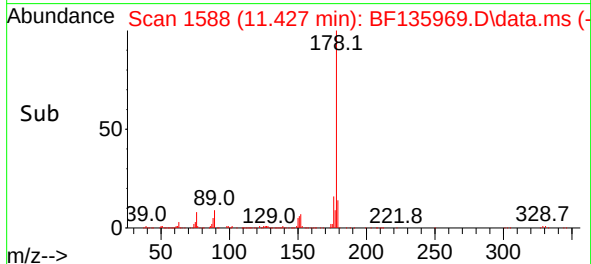
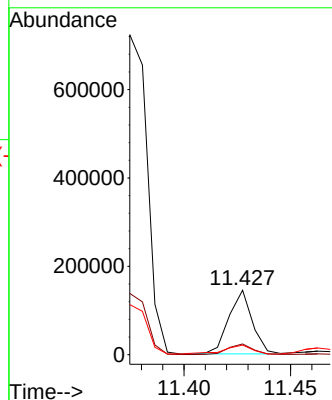
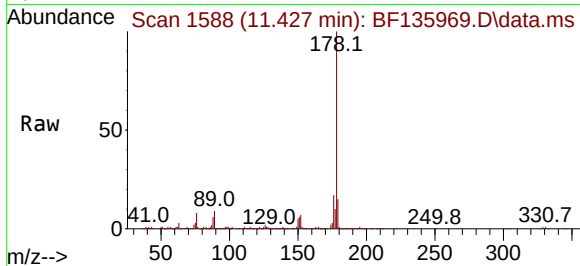




#72
 Anthracene
 Concen: 5.211 ng
 RT: 11.427 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135969.D
 Acq: 26 Oct 2023 18:15

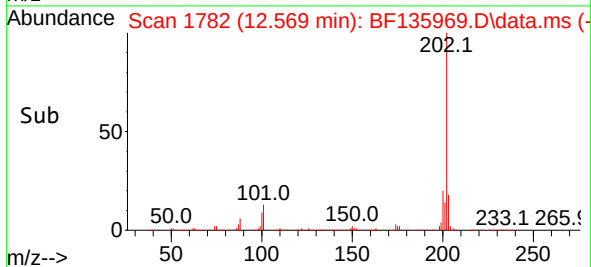
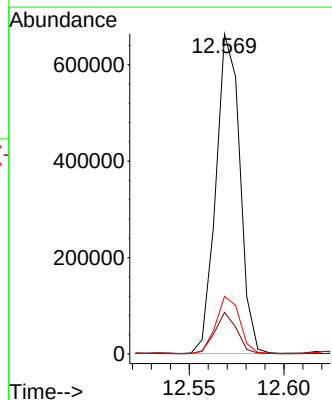
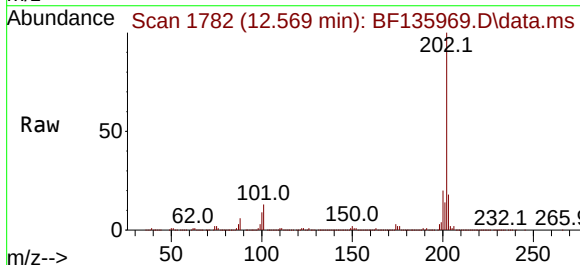
Instrument :
 BNA_F
 ClientSampleId :
 S-3(0-5)

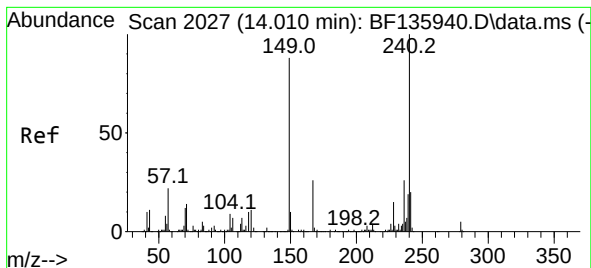
Tgt Ion:178 Resp: 111069
 Ion Ratio Lower Upper
 178 100
 176 16.6 14.9 22.3
 179 15.0 12.5 18.7



#75
 Fluoranthene
 Concen: 26.705 ng
 RT: 12.569 min Scan# 1782
 Delta R.T. -0.006 min
 Lab File: BF135969.D
 Acq: 26 Oct 2023 18:15

Tgt Ion:202 Resp: 584813
 Ion Ratio Lower Upper
 202 100
 101 13.0 0.0 30.6
 203 18.0 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

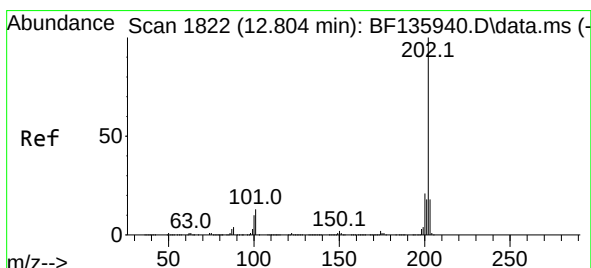
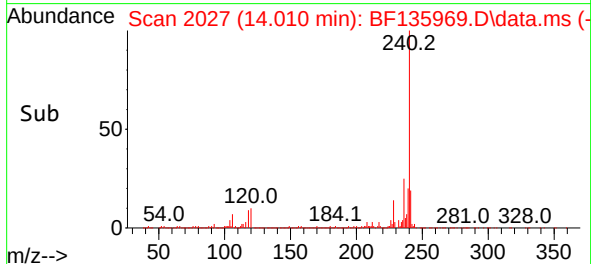
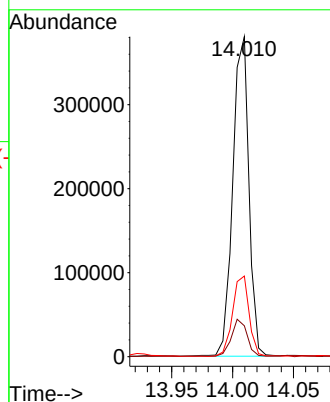
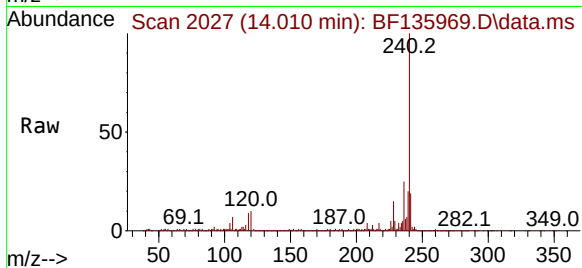
Tgt Ion:240 Resp: 349411

Ion Ratio Lower Upper

240 100

120 9.7 8.6 13.0

236 25.2 20.6 30.8



#78

Pyrene

Concen: 26.289 ng

RT: 12.804 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

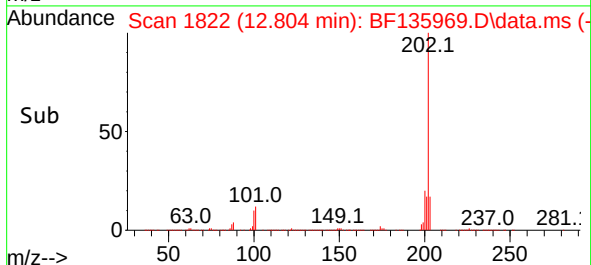
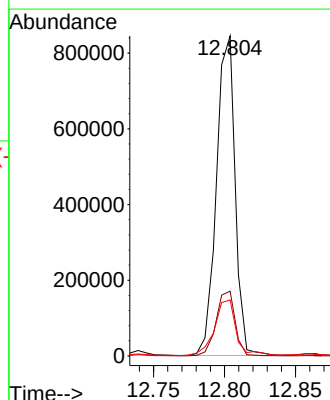
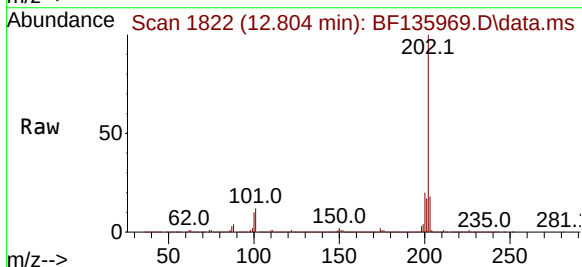
Tgt Ion:202 Resp: 771279

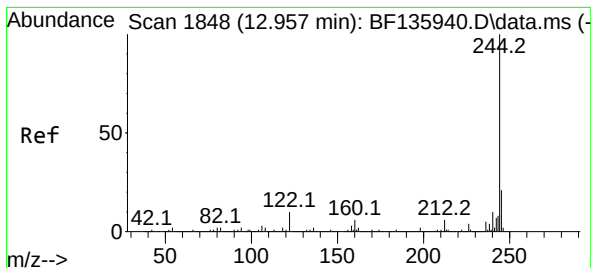
Ion Ratio Lower Upper

202 100

200 20.2 17.0 25.6

203 17.5 14.5 21.7





#79

Terphenyl-d14

Concen: 50.040 ng

RT: 12.951 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

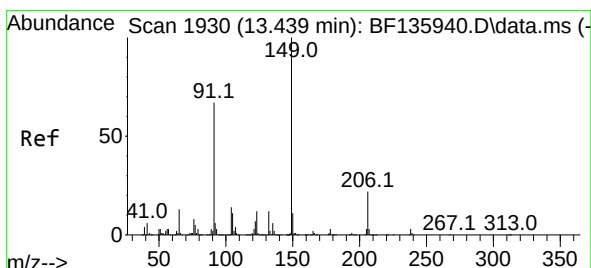
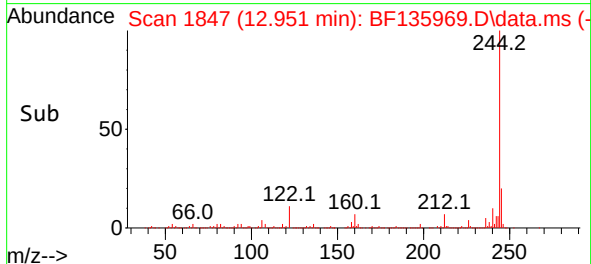
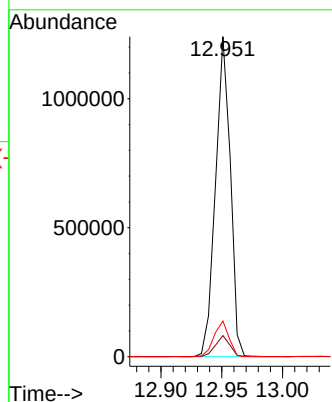
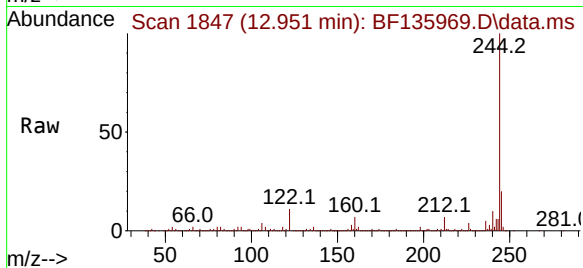
Tgt Ion:244 Resp: 1046482

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.6

122 11.1 8.0 12.0



#80

Butylbenzylphthalate

Concen: 4.017 ng

RT: 13.433 min Scan# 1929

Delta R.T. -0.006 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

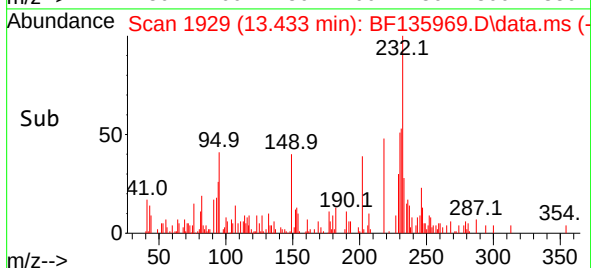
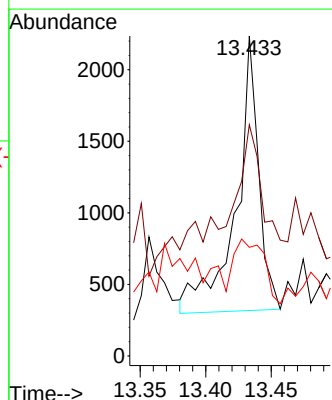
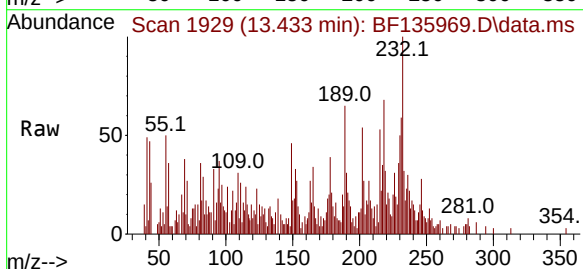
Tgt Ion:149 Resp: 2290

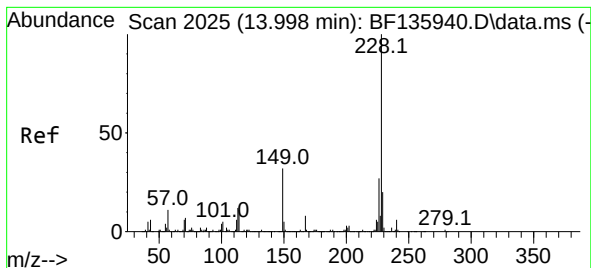
Ion Ratio Lower Upper

149 100

91 72.3 53.4 80.0

206 33.9 17.5 26.3#





#81

Benzo(a)anthracene

Concen: 15.755 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.035 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

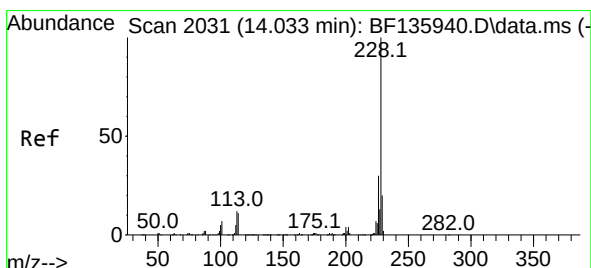
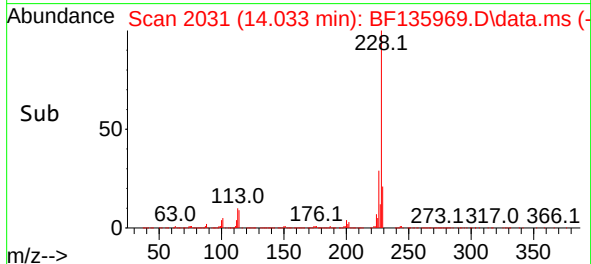
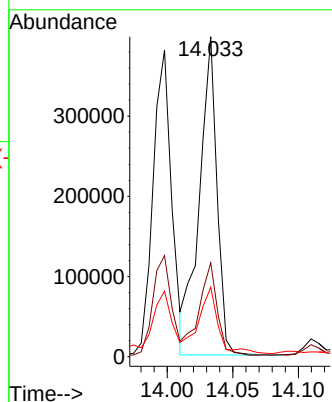
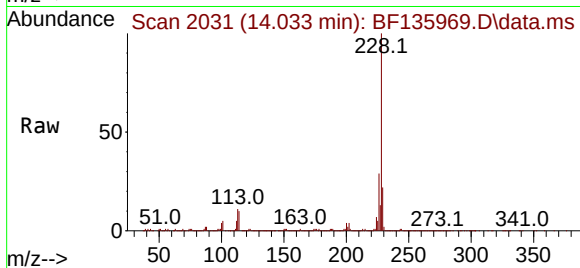
Tgt Ion:228 Resp: 374313

Ion Ratio Lower Upper

228 100

226 29.4 21.8 32.6

229 21.7 16.2 24.4



#83

Chrysene

Concen: 16.177 ng

RT: 14.033 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

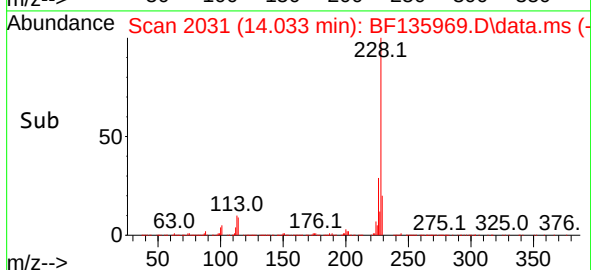
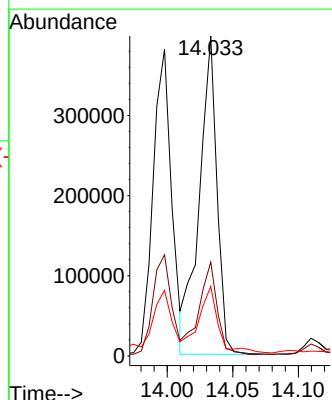
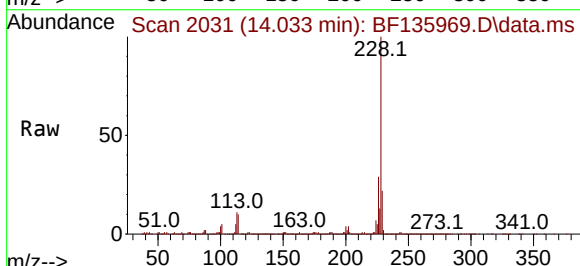
Tgt Ion:228 Resp: 374313

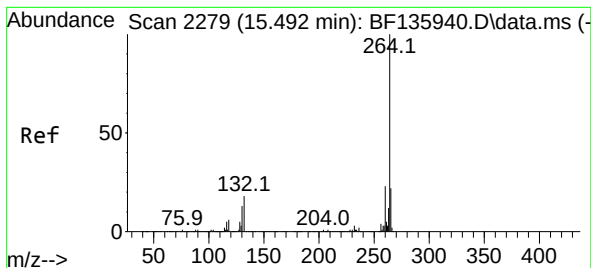
Ion Ratio Lower Upper

228 100

226 29.4 23.9 35.9

229 21.7 16.2 24.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

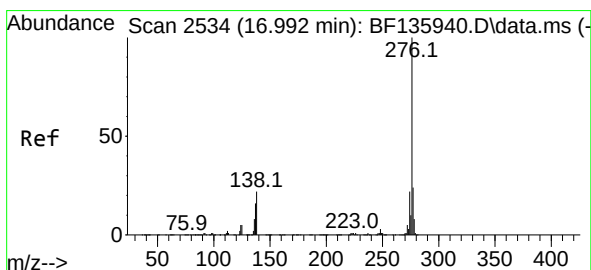
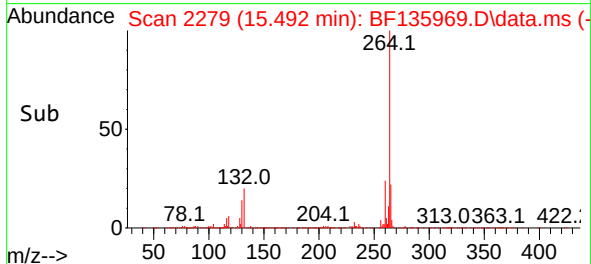
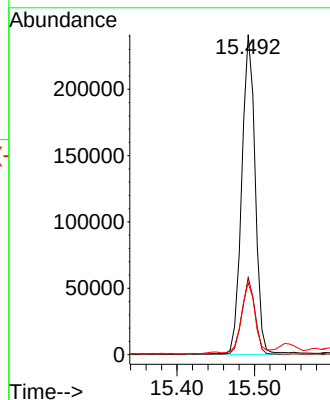
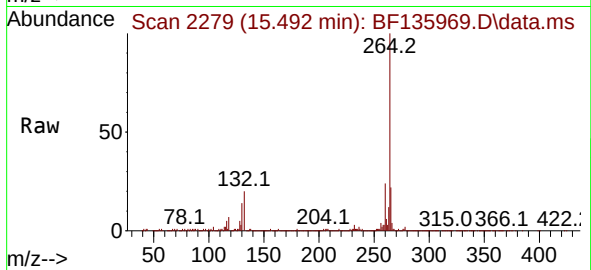
Tgt Ion:264 Resp: 290699

Ion Ratio Lower Upper

264 100

260 24.1 18.6 28.0

265 22.5 17.3 25.9



#87

Indeno(1,2,3-cd)pyrene

Concen: 6.270 ng

RT: 16.992 min Scan# 2534

Delta R.T. -0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

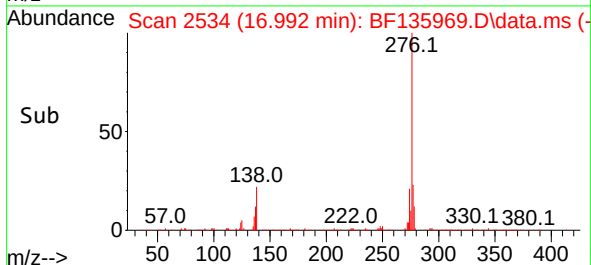
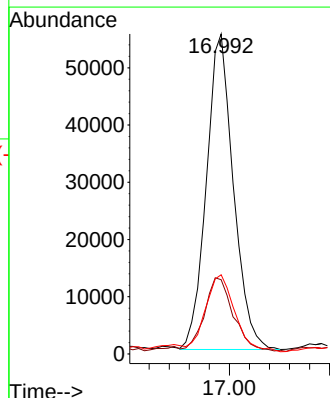
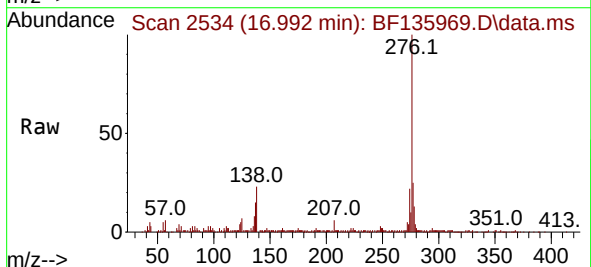
Tgt Ion:276 Resp: 103358

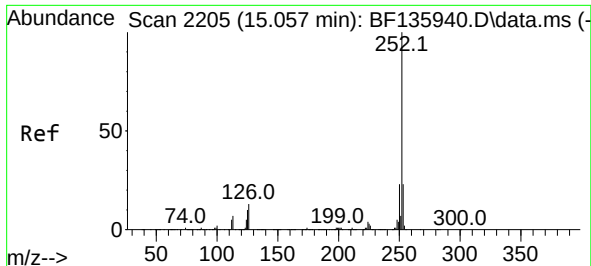
Ion Ratio Lower Upper

276 100

138 26.1 21.8 32.6

277 26.5 20.0 30.0

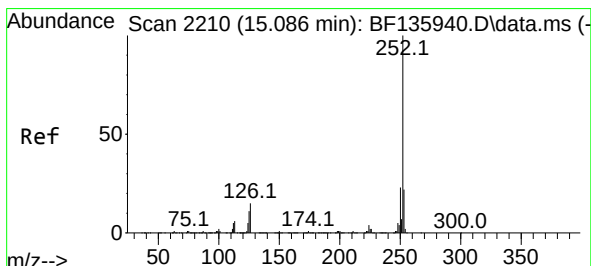
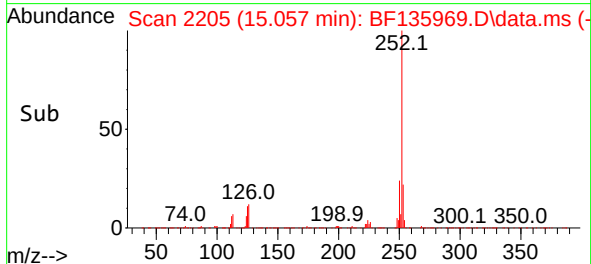
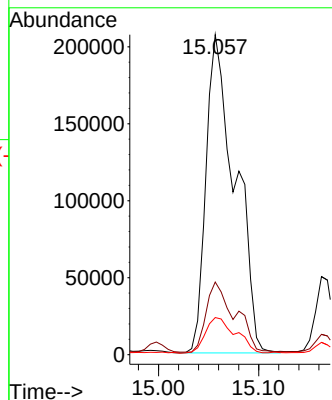
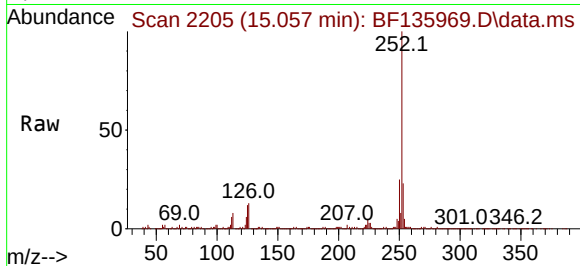




#88
Benzo(b)fluoranthene
Concen: 24.264 ng
RT: 15.057 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

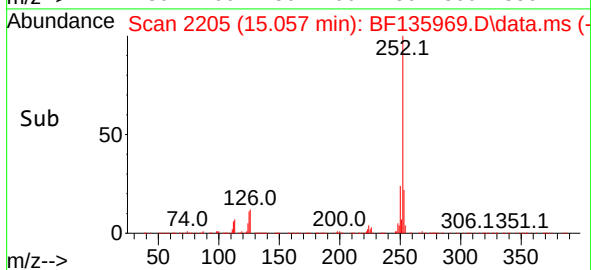
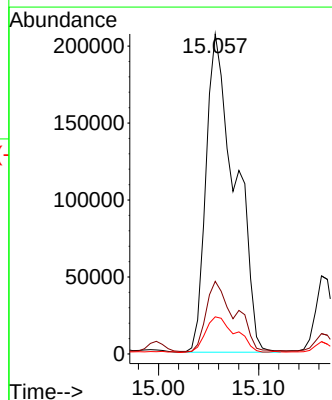
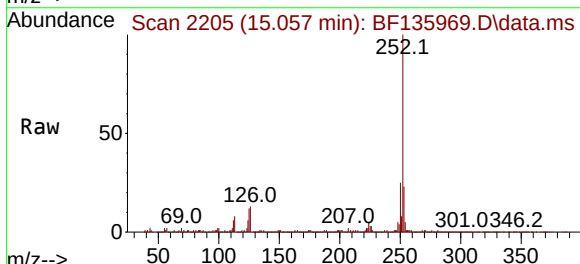
Instrument :
BNA_F
ClientSampleId :
S-3(0-5)

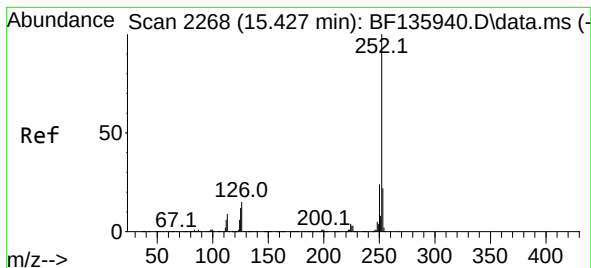
Tgt Ion:252 Resp: 419768
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 11.6 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 24.705 ng
RT: 15.057 min Scan# 2205
Delta R.T. -0.029 min
Lab File: BF135969.D
Acq: 26 Oct 2023 18:15

Tgt Ion:252 Resp: 419768
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 11.6 8.5 12.7





#90

Benzo(a)pyrene

Concen: 15.291 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

Instrument :

BNA_F

ClientSampleId :

S-3(0-5)

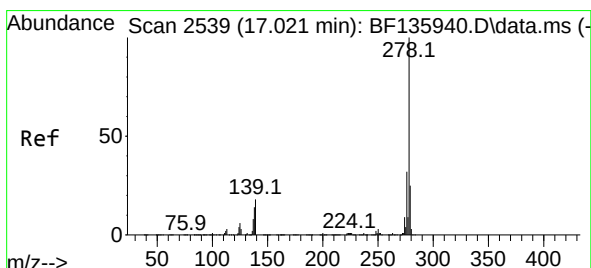
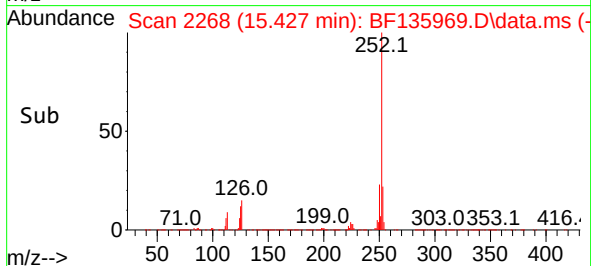
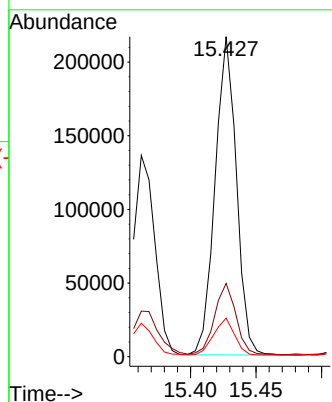
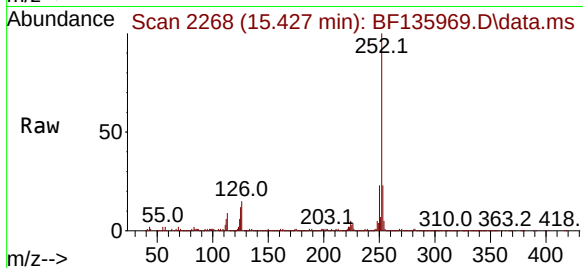
Tgt Ion:252 Resp: 243801

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

125 12.0 9.6 14.4



#91

Dibenzo(a,h)anthracene

Concen: 2.040 ng

RT: 17.009 min Scan# 2537

Delta R.T. -0.012 min

Lab File: BF135969.D

Acq: 26 Oct 2023 18:15

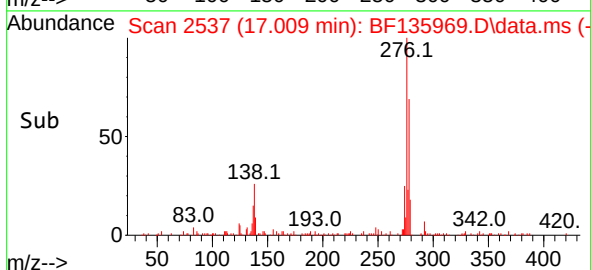
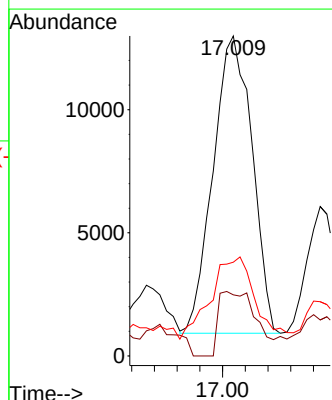
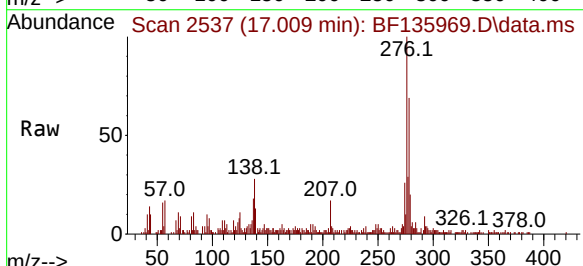
Tgt Ion:278 Resp: 28759

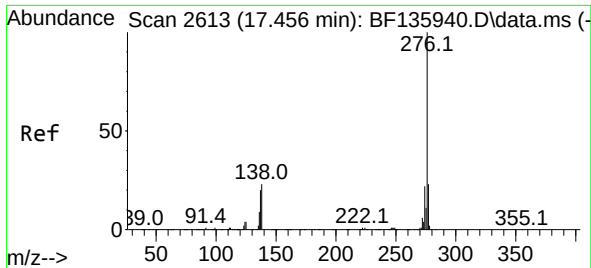
Ion Ratio Lower Upper

278 100

139 19.1 14.0 21.0

279 29.3 19.7 29.5





#92
 Benzo(g,h,i)perylene
 Concen: 9.721 ng
 RT: 17.445 min Scan# 20
 Delta R.T. -0.011 min
 Lab File: BF135969.D
 Acq: 26 Oct 2023 18:15

Instrument :
 BNA_F
 ClientSampleId :
 S-3(0-5)

Tgt Ion:276 Resp: 103721

Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	28.0
138	23.9	18.4	27.6

