

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
 Data File : BF131606.D
 Acq On : 12 Dec 2022 22:22
 Operator : CG\JU
 Sample : N5985-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-120922

Quant Time: Dec 13 04:18:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 13 04:12:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	55041	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	172086	20.000	ng	0.00
39) Acenaphthene-d10	9.951	164	82015	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	148578	20.000	ng	0.00
76) Chrysene-d12	14.127	240	114929	20.000	ng	# 0.02
86) Perylene-d12	15.645	264	89514	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	382444	115.918	ng	0.00
7) Phenol-d6	6.534	99	469365	108.563	ng	0.00
23) Nitrobenzene-d5	7.463	82	316743	69.587	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	100107	109.861	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	448945	69.019	ng	0.00
79) Terphenyl-d14	13.045	244	482590	57.586	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	46586	14.370	ng	# 78
20) 3+4-Methylphenols	7.304	107	11826	2.755	ng	# 78
25) Isophorone	7.463	82	316549	43.175	ng	# 69
27) 2,4-Dimethylphenol	7.834	122	8726	3.636	ng	92
31) Naphthalene	8.216	128	2229917	230.068	ng	99
32) Benzoic acid	7.969	122	8612	4.956	ng	# 10
33) 4-Chloroaniline	8.216	127	298047	82.037	ng	# 31
35) Caprolactam	8.904	113	15597	20.322	ng	# 1
37) 2-Methylnaphthalene	8.904	142	522309	78.797	ng	100
38) 1-Methylnaphthalene	8.998	142	295311	46.410	ng	97
46) 1,1'-Biphenyl	9.363	154	127306	19.632	ng	99
49) Acenaphthylene	9.810	152	119928	15.460	ng	97
52) Acenaphthene	9.986	154	448794	86.360	ng	96
54) 2,4-Dinitrophenol	10.169	184	120	4.250	ng	# 1
55) Dibenzofuran	10.157	168	632354	86.120	ng	99
56) 4-Nitrophenol	10.157	139	261847	304.365	ng	# 1
58) Fluorene	10.510	166	813260	136.240	ng	99
62) 4-Nitroaniline	10.510	138	10329	8.417	ng	# 2
67) 4-Bromophenyl-phenylether	10.745	248	7046	3.686	ng	# 1
71) Phenanthrene	11.498	178	4871690	588.255	ng	97
72) Anthracene	11.545	178	1673036	207.644	ng	99
73) Carbazole	11.686	167	404642	61.527	ng	99
75) Fluoranthene	12.704	202	5370814	629.800	ng	94
78) Pyrene	12.704	202	5370814	473.925	ng	96
81) Benzo(a)anthracene	14.121	228	2231440	268.857	ng	97
83) Chrysene	14.157	228	1663044	210.764	ng	96
84) Bis(2-ethylhexyl)phtha...	14.115	149	10058	5.141	ng	# 89
85) Di-n-octyl phthalate	14.710	149	474	5.277	ng	# 1
87) Indeno(1,2,3-cd)pyrene	17.209	276	602222	82.437	ng	96
88) Benzo(b)fluoranthene	15.210	252	2194661	371.994	ng	# 96
89) Benzo(k)fluoranthene	15.210	252	2194661	356.398	ng	# 95
90) Benzo(a)pyrene	15.598	252	1262827	250.817	ng	96
91) Dibenzo(a,h)anthracene	17.380	278	136477	22.699	ng	98
92) Benzo(g,h,i)perylene	17.686	276	540719	89.484	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Time: Dec 13 04:18:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration

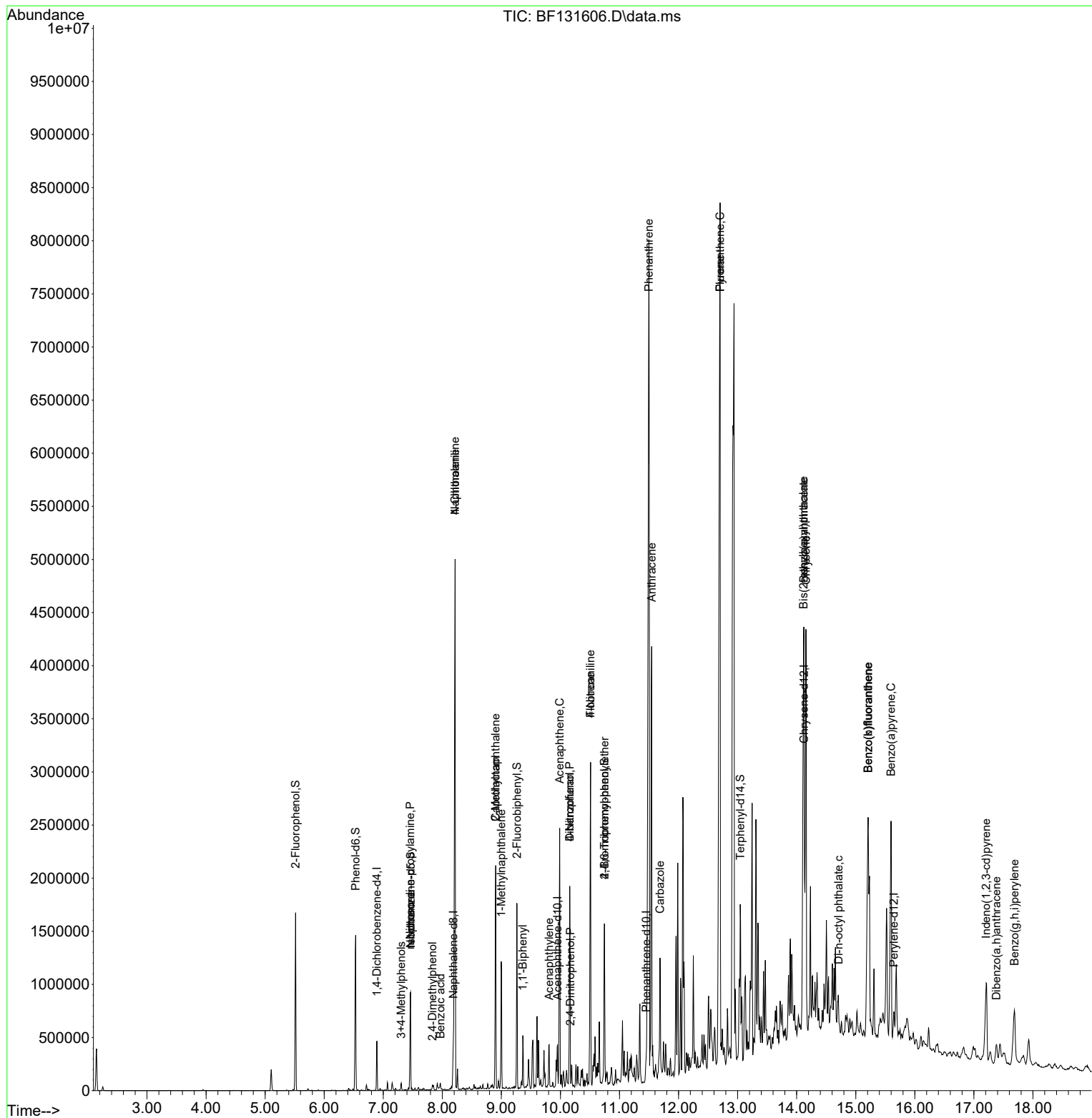
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

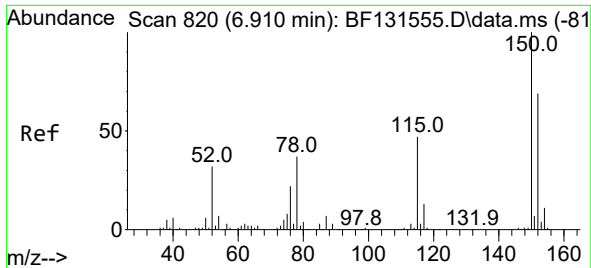
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121222\
Data File : BF131606.D
Acq On : 12 Dec 2022 22:22
Operator : CG\JU
Sample : N5985-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Quant Time: Dec 13 04:18:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 04:12:13 2022
Response via : Initial Calibration

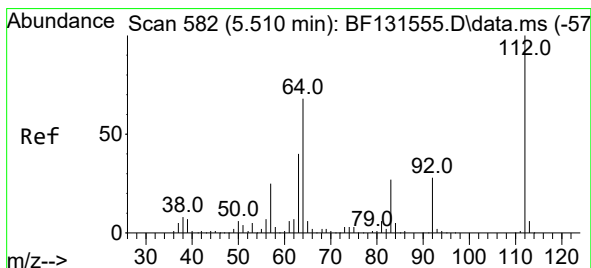
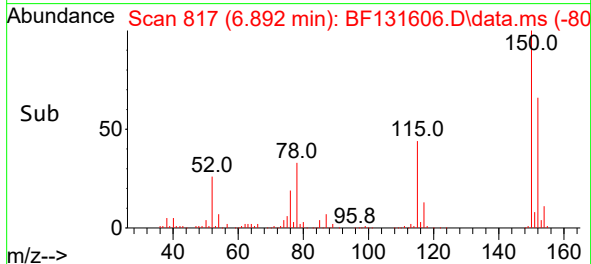
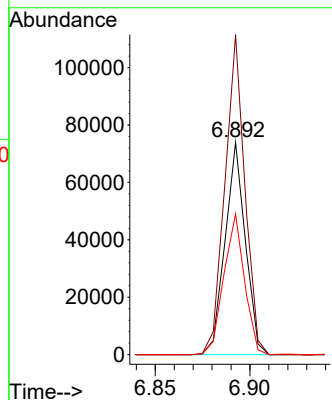
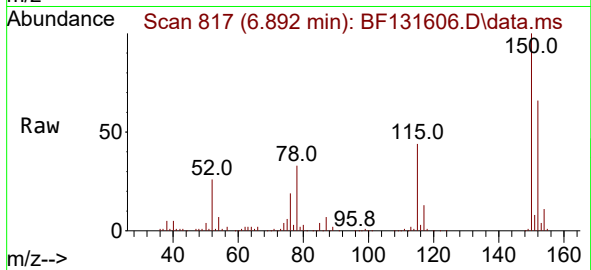




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

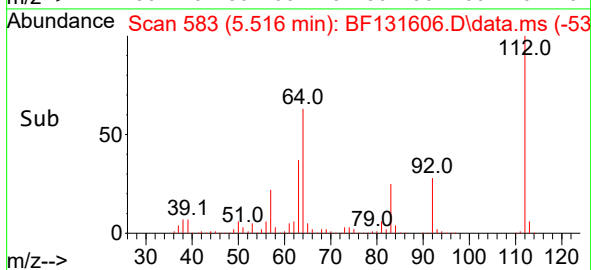
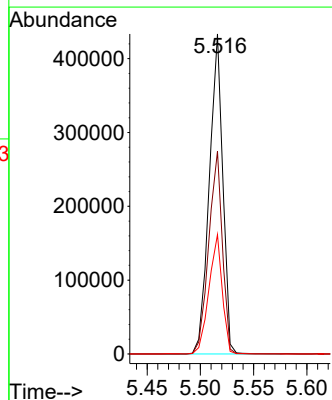
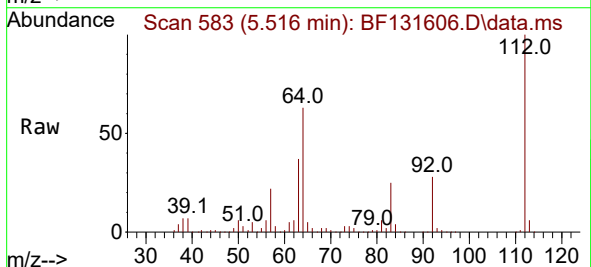
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

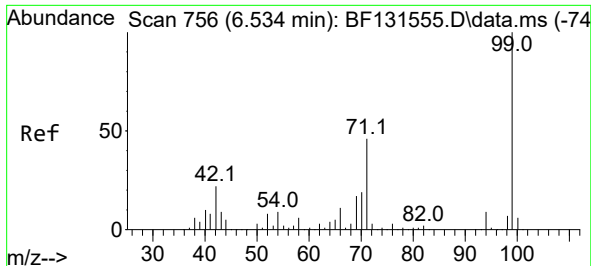
Tgt Ion:152 Resp: 55041
Ion Ratio Lower Upper
152 100
150 150.6 116.7 175.1
115 66.3 54.6 82.0



#5
2-Fluorophenol
Concen: 115.918 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:112 Resp: 382444
Ion Ratio Lower Upper
112 100
64 63.4 54.5 81.7
63 37.3 31.9 47.9

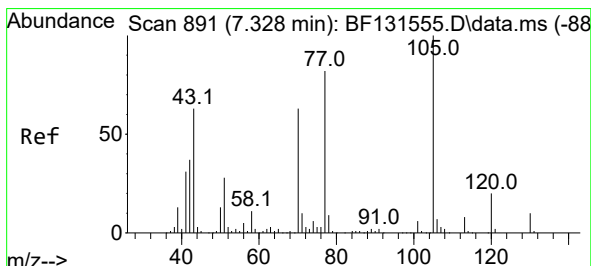
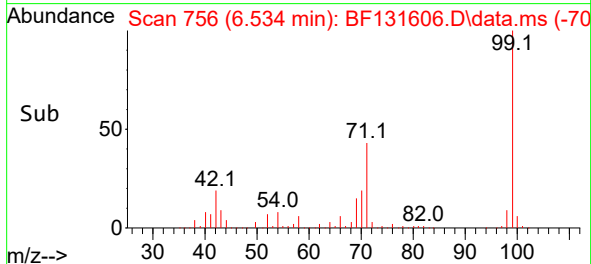
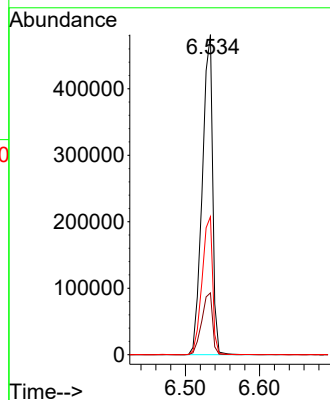
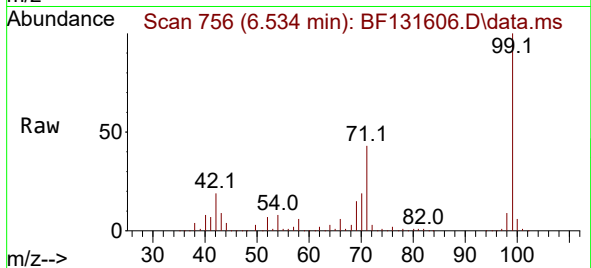




#7
Phenol-d6
Concen: 108.563 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

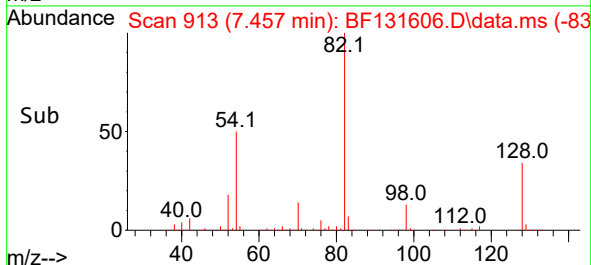
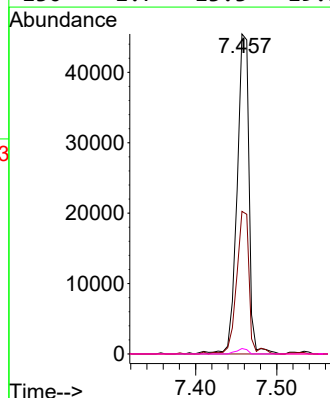
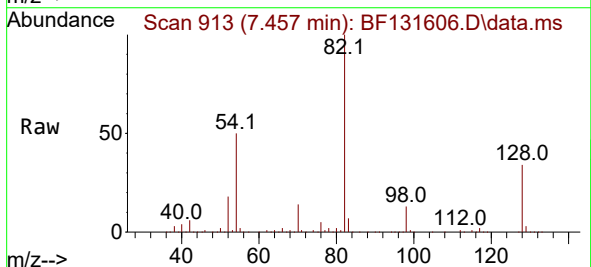
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

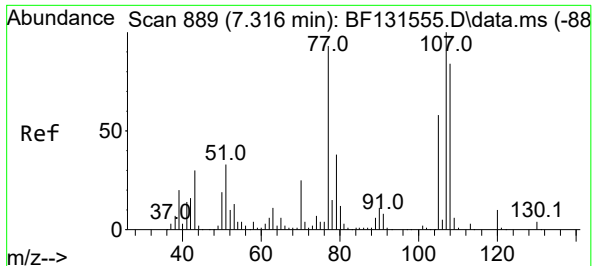
Tgt Ion: 99 Resp: 469365
Ion Ratio Lower Upper
99 100
42 19.3 17.9 26.9
71 43.1 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.370 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion: 70 Resp: 46586
Ion Ratio Lower Upper
70 100
42 44.6 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

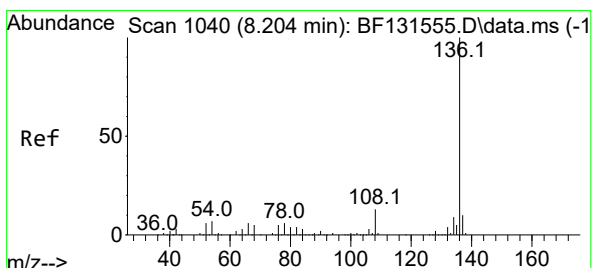
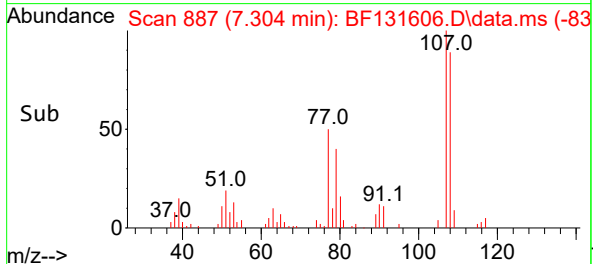
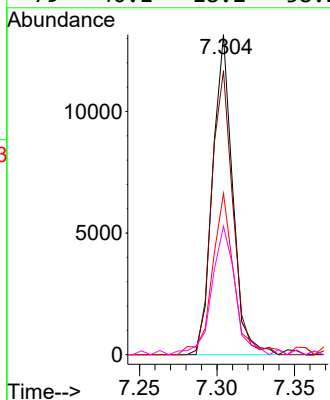
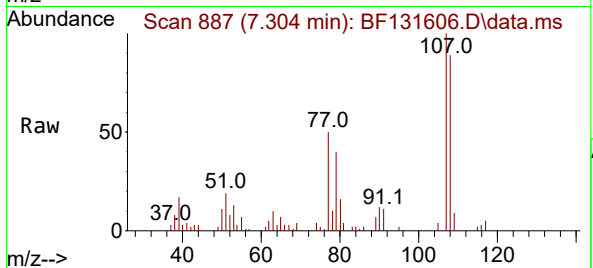




#20
3+4-Methylphenols
Concen: 2.755 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

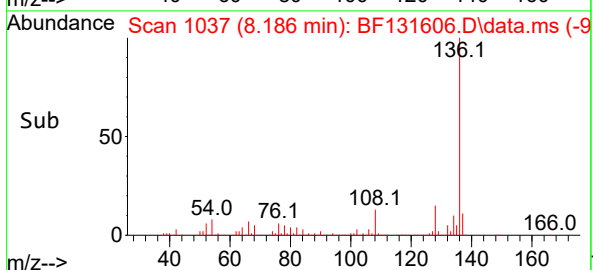
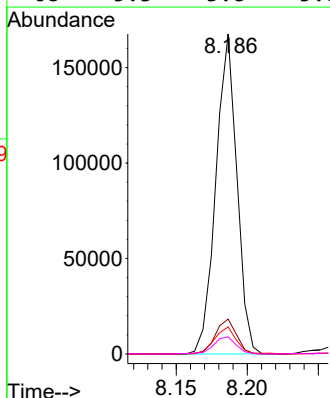
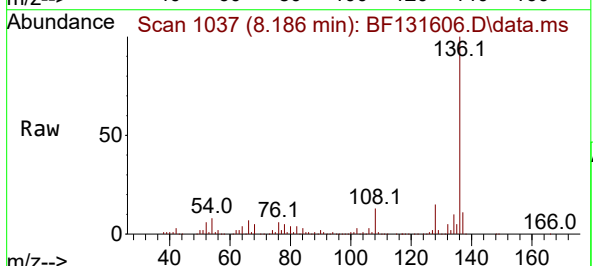
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

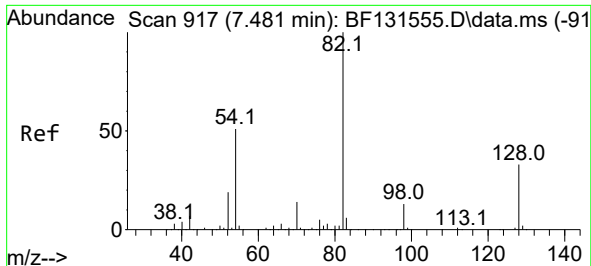
Tgt Ion:107 Resp: 11826
Ion Ratio Lower Upper
107 100
108 88.8 64.0 104.0
77 50.4 73.1 113.1#
79 40.1 18.2 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:136 Resp: 172086
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 8.4 6.0 9.0
68 5.3 3.8 5.8





#23

Nitrobenzene-d5

Concen: 69.587 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

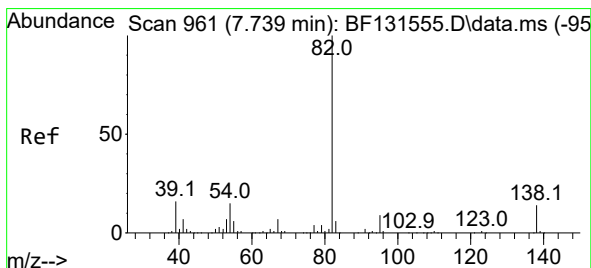
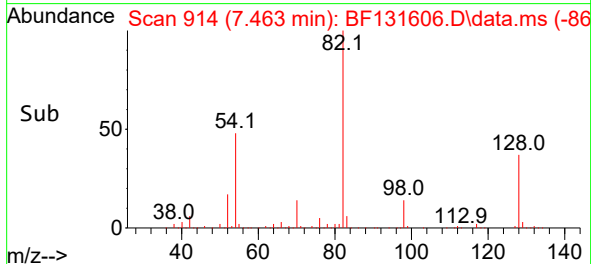
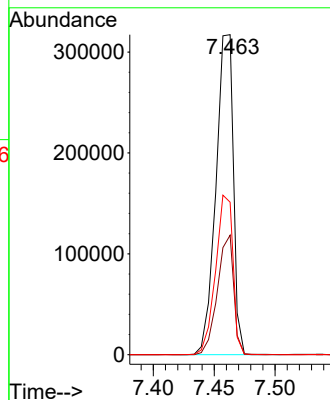
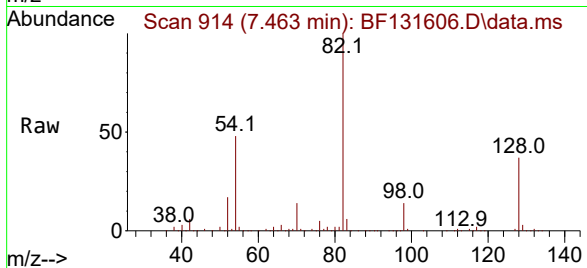
Tgt Ion: 82 Resp: 316743

Ion Ratio Lower Upper

82 100

128 37.4 26.1 39.1

54 47.7 40.6 60.8



#25

Isophorone

Concen: 43.175 ng

RT: 7.463 min Scan# 914

Delta R.T. -0.259 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

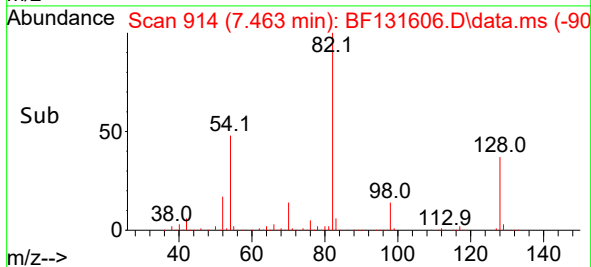
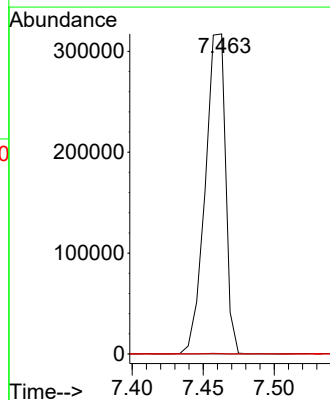
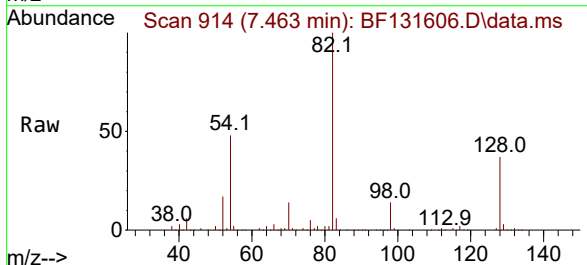
Tgt Ion: 82 Resp: 316549

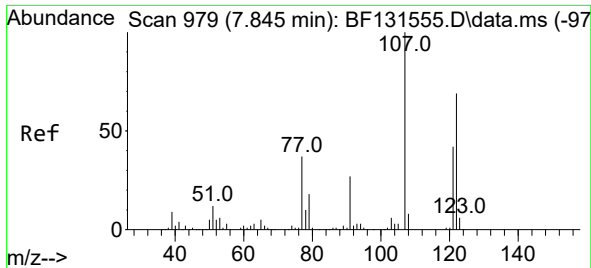
Ion Ratio Lower Upper

82 100

95 0.1 6.9 10.3#

138 0.0 11.4 17.0#





#27

2,4-Dimethylphenol

Concen: 3.636 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

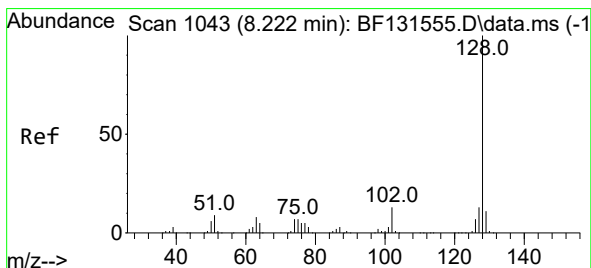
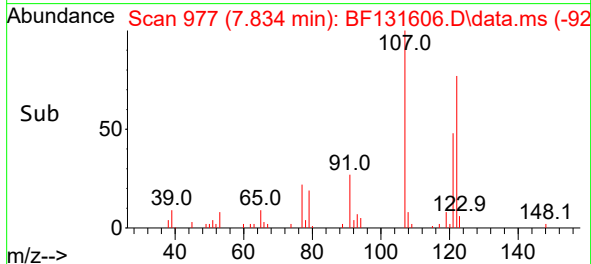
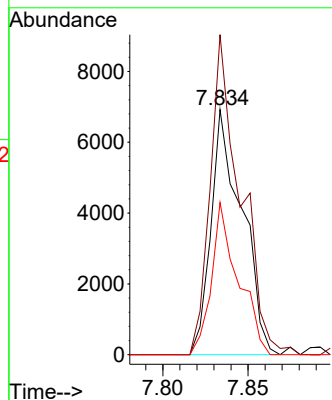
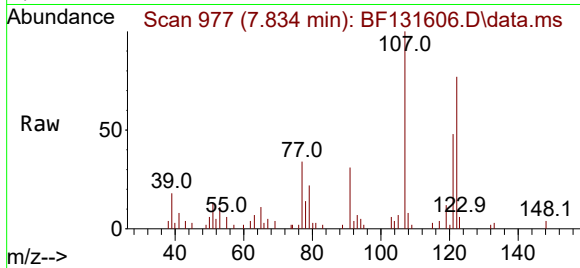
Tgt Ion:122 Resp: 8726

Ion Ratio Lower Upper

122 100

107 130.6 114.2 171.2

121 62.1 48.2 72.2



#31

Naphthalene

Concen: 230.068 ng

RT: 8.216 min Scan# 1042

Delta R.T. 0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

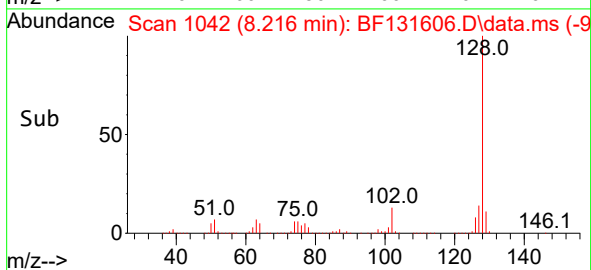
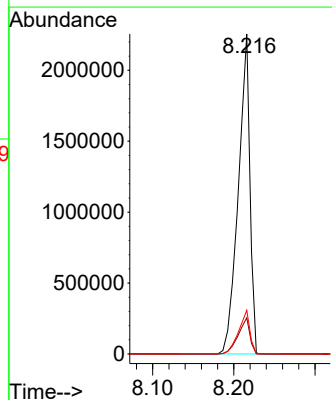
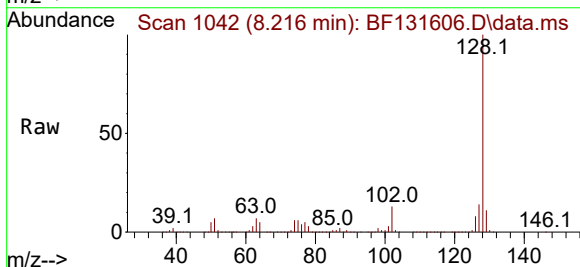
Tgt Ion:128 Resp: 2229917

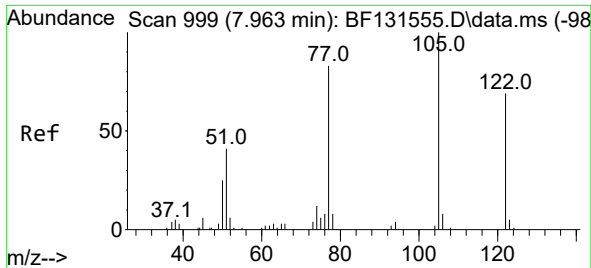
Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.7 10.6 15.8

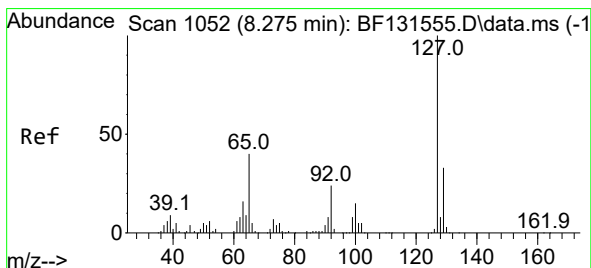
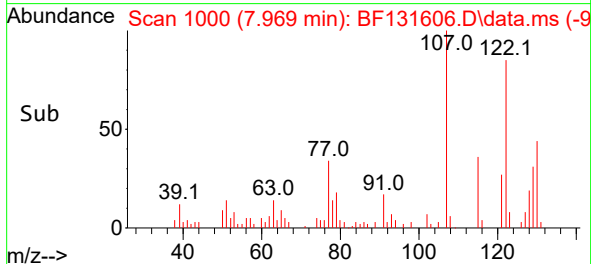
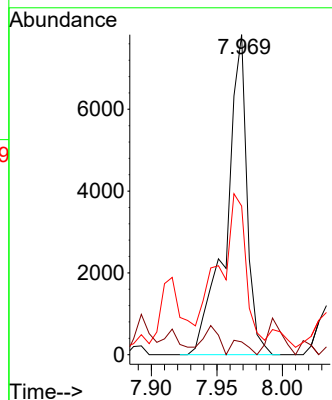
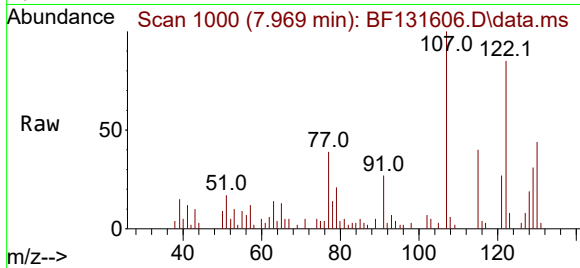




#32
Benzoic acid
Concen: 4.956 ng
RT: 7.969 min Scan# 1000
Delta R.T. 0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

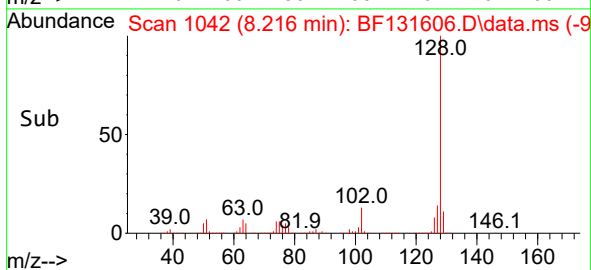
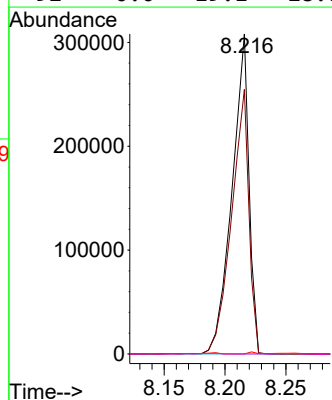
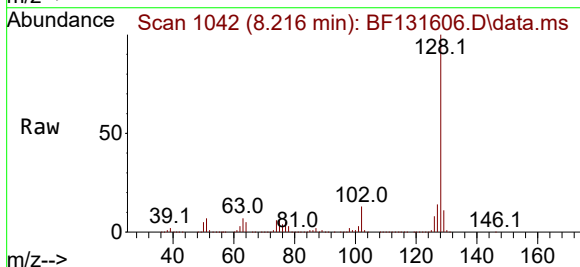
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

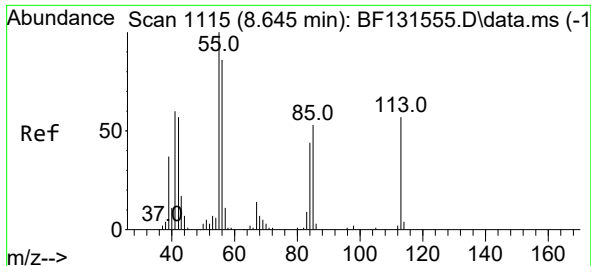
Tgt Ion:122 Resp: 8612
Ion Ratio Lower Upper
122 100
105 4.0 119.8 159.8#
77 46.5 97.6 137.6#



#33
4-Chloroaniline
Concen: 82.037 ng
RT: 8.216 min Scan# 1042
Delta R.T. -0.041 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:127 Resp: 298047
Ion Ratio Lower Upper
127 100
129 82.7 26.4 39.6#
65 0.0 31.9 47.9#
92 0.0 19.1 28.7#

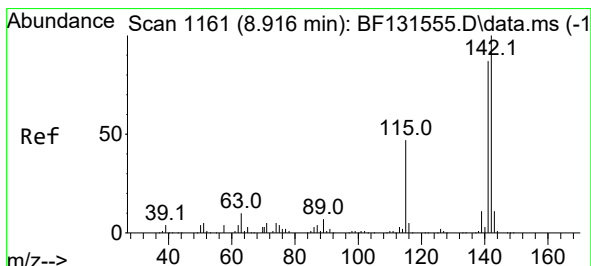
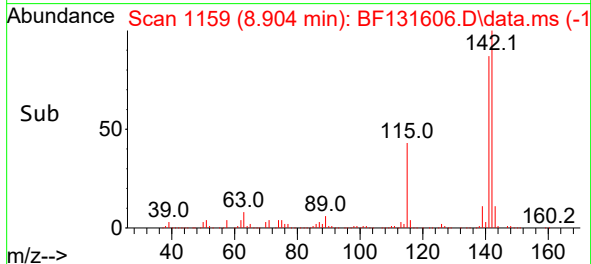
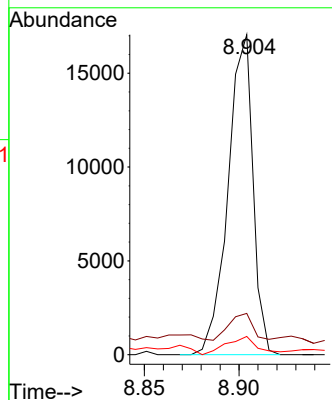
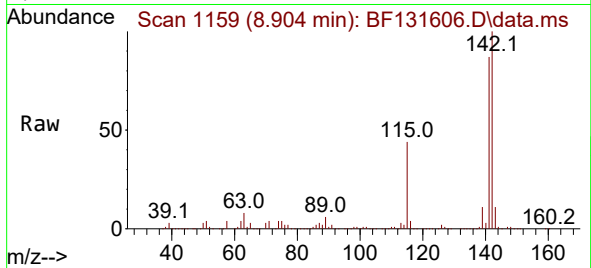




#35
 Caprolactam
 Concen: 20.322 ng
 RT: 8.904 min Scan# 1115
 Delta R.T. 0.259 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

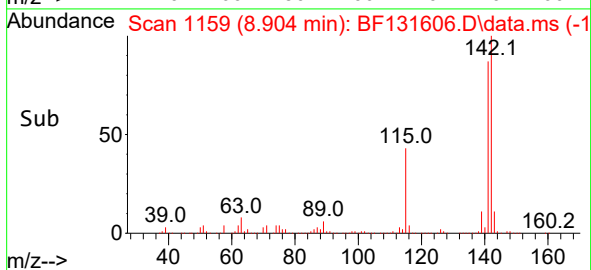
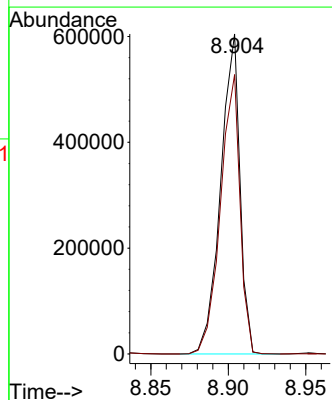
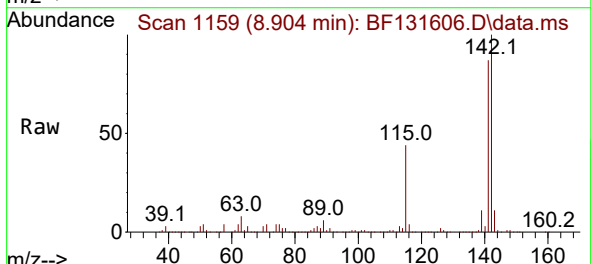
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-120922

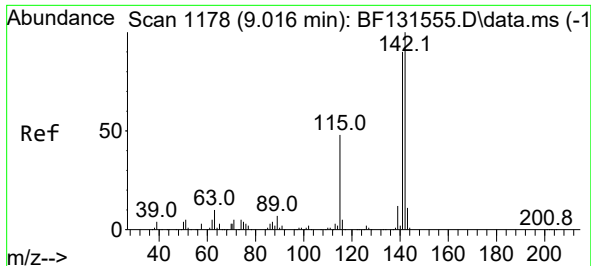
Tgt Ion:113 Resp: 15597
 Ion Ratio Lower Upper
 113 100
 55 12.9 155.8 195.8#
 56 5.7 131.7 171.7#



#37
 2-Methylnaphthalene
 Concen: 78.797 ng
 RT: 8.904 min Scan# 1159
 Delta R.T. -0.000 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

Tgt Ion:142 Resp: 522309
 Ion Ratio Lower Upper
 142 100
 141 87.3 69.7 104.5

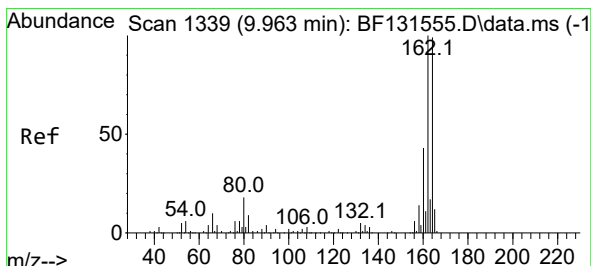
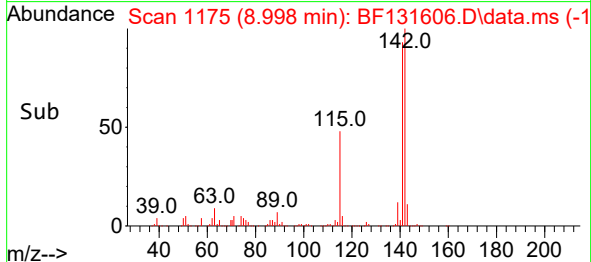
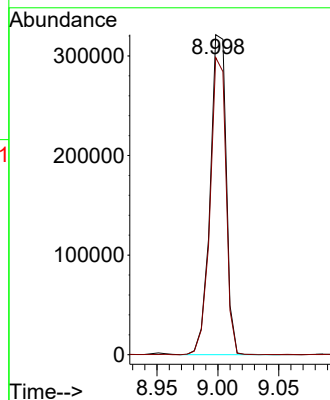
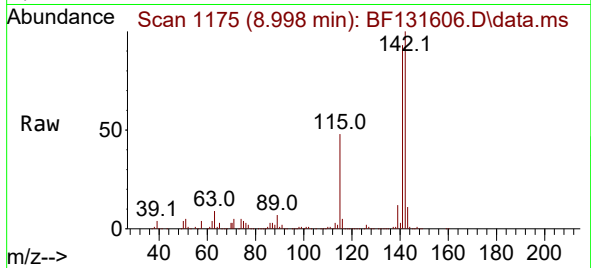




#38
1-Methylnaphthalene
Concen: 46.410 ng
RT: 8.998 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

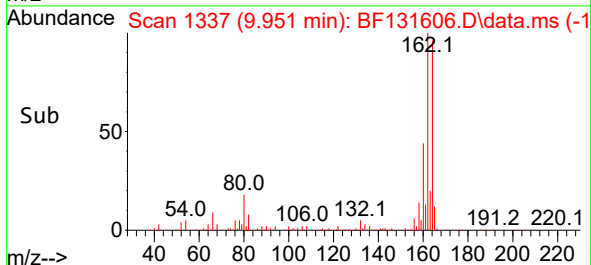
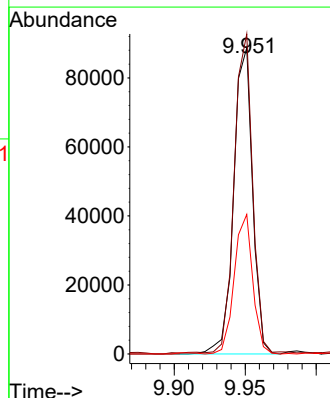
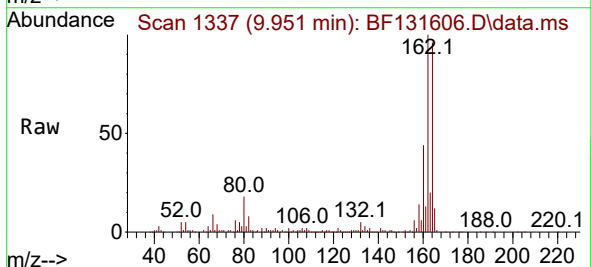
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

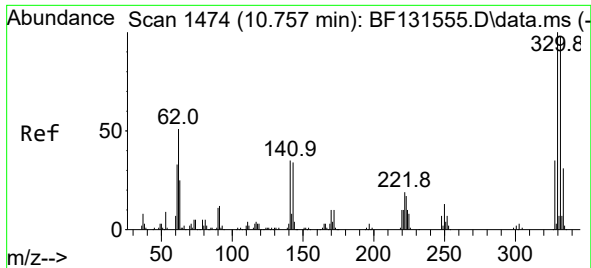
Tgt Ion:142 Resp: 295311
Ion Ratio Lower Upper
142 100
141 92.9 71.9 107.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:164 Resp: 82015
Ion Ratio Lower Upper
164 100
162 104.5 81.0 121.6
160 45.6 35.0 52.6

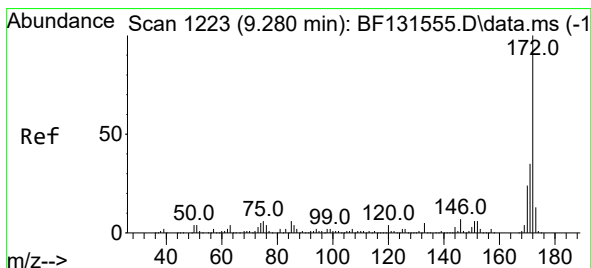
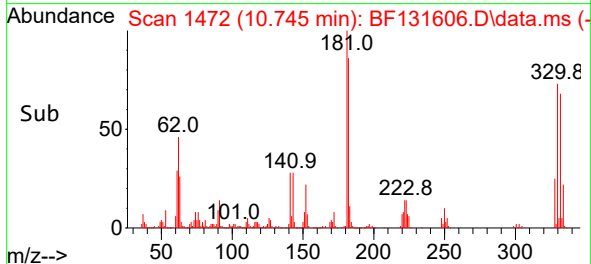
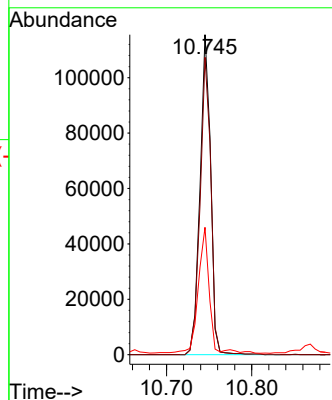
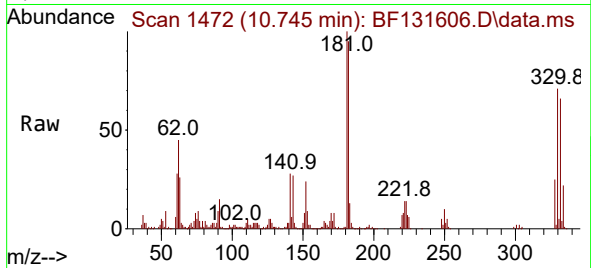




#42
2,4,6-Tribromophenol
Concen: 109.861 ng
RT: 10.745 min Scan# 1474
Delta R.T. -0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

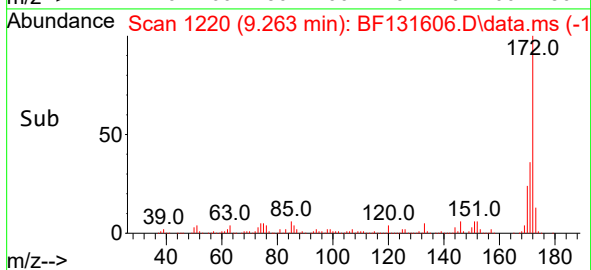
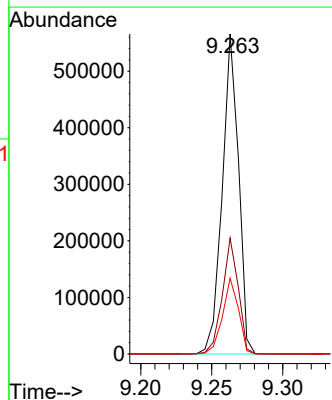
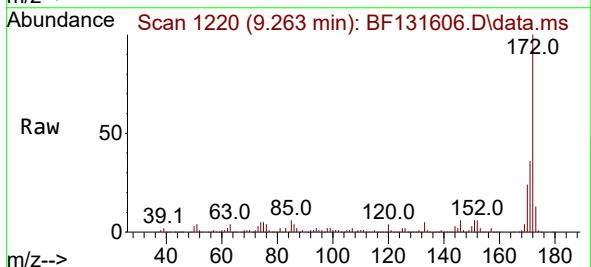
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

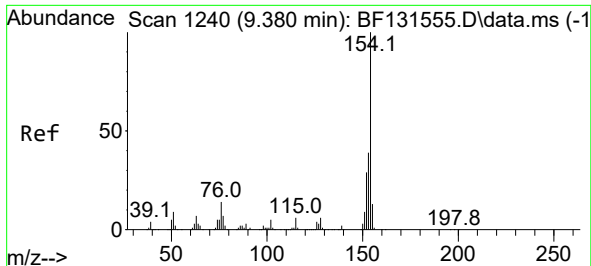
Tgt Ion: 330 Resp: 100107
Ion Ratio Lower Upper
330 100
332 94.2 78.3 117.5
141 39.5 32.6 49.0



#45
2-Fluorobiphenyl
Concen: 69.019 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion: 172 Resp: 448945
Ion Ratio Lower Upper
172 100
171 36.2 28.3 42.5
170 23.7 19.3 28.9





#46

1,1'-Biphenyl

Concen: 19.632 ng

RT: 9.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

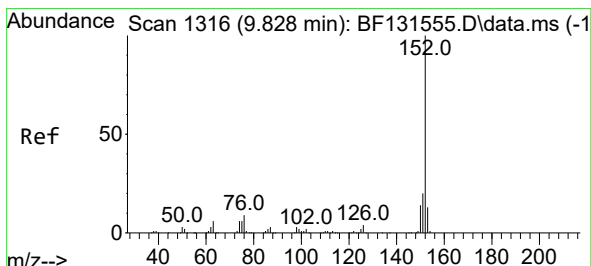
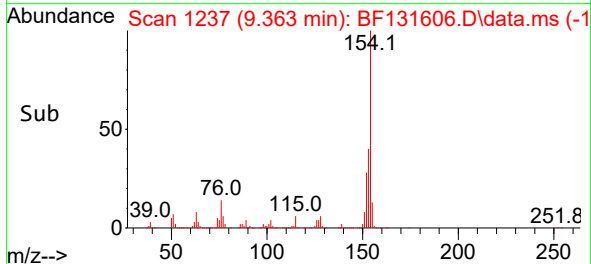
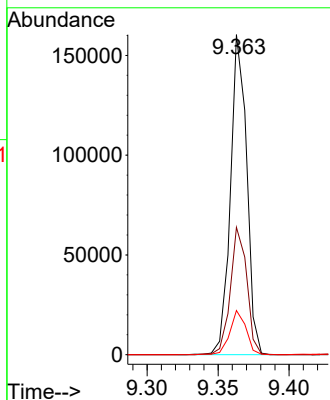
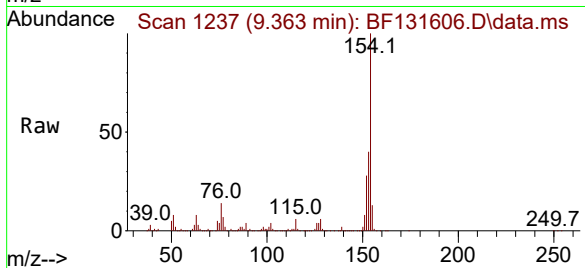
Tgt Ion:154 Resp: 127306

Ion Ratio Lower Upper

154 100

153 39.8 19.4 59.4

76 13.8 0.0 34.0



#49

Acenaphthylene

Concen: 15.460 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

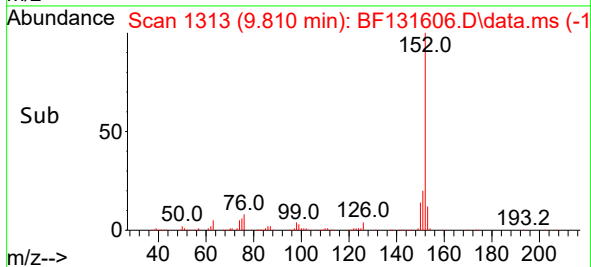
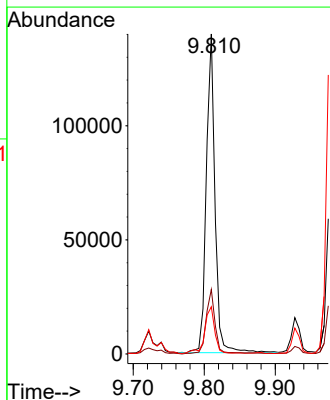
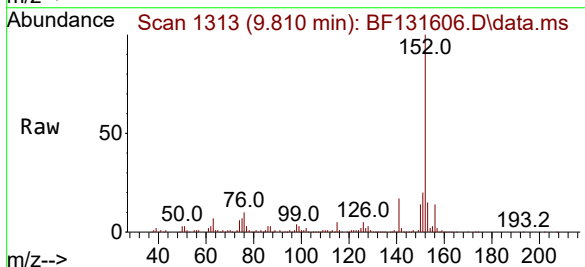
Tgt Ion:152 Resp: 119928

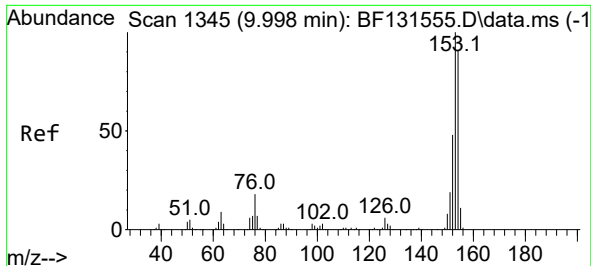
Ion Ratio Lower Upper

152 100

151 20.2 15.6 23.4

153 14.7 10.4 15.6

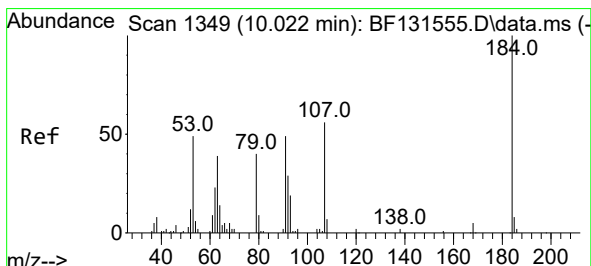
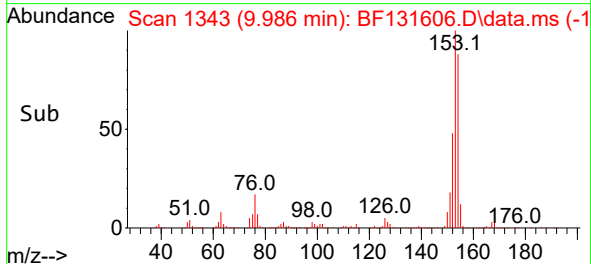
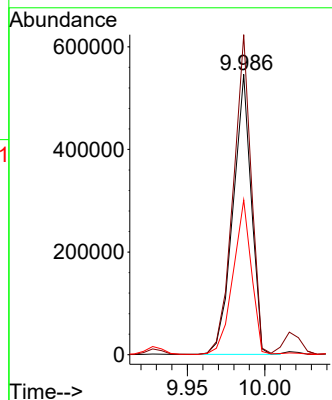
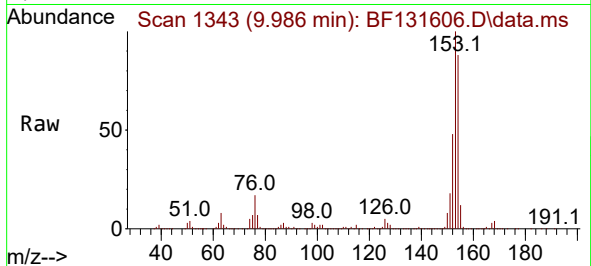




#52
Acenaphthene
Concen: 86.360 ng
RT: 9.986 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

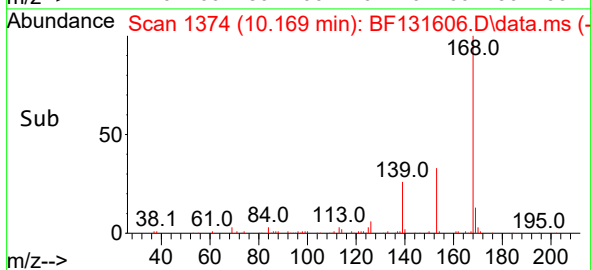
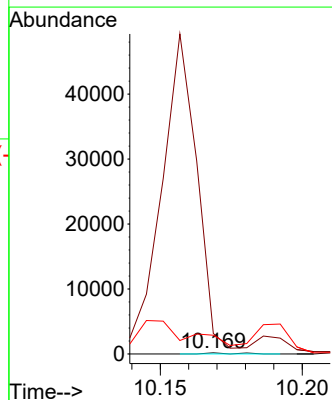
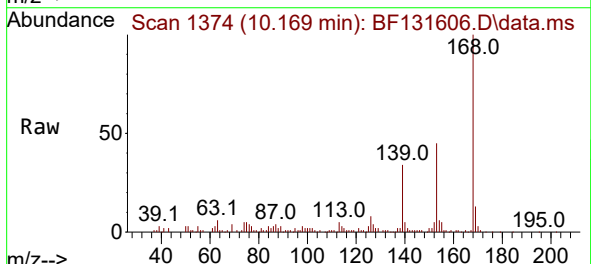
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

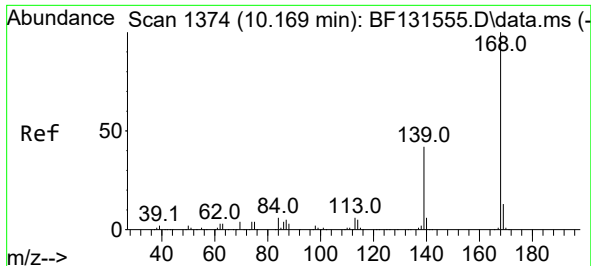
Tgt Ion:154 Resp: 448794
Ion Ratio Lower Upper
154 100
153 114.2 87.9 131.9
152 55.2 42.4 63.6



#54
2,4-Dinitrophenol
Concen: 4.250 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.153 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:184 Resp: 120
Ion Ratio Lower Upper
184 100
63 1729.7 60.7 91.1#
154 1589.0 59.0 88.6#

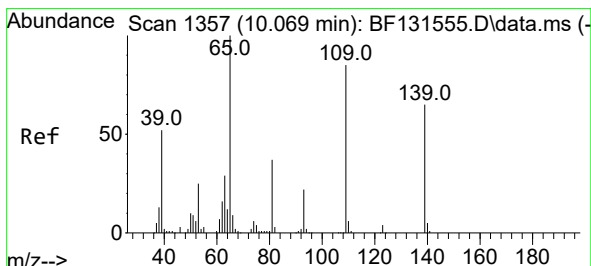
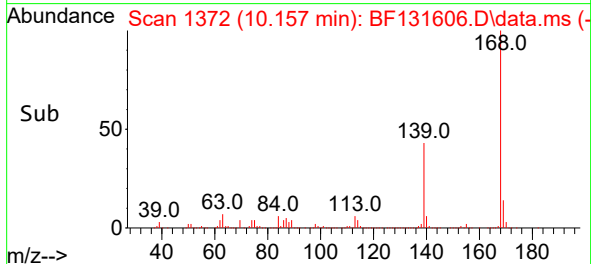
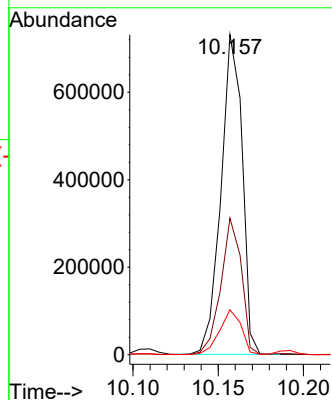
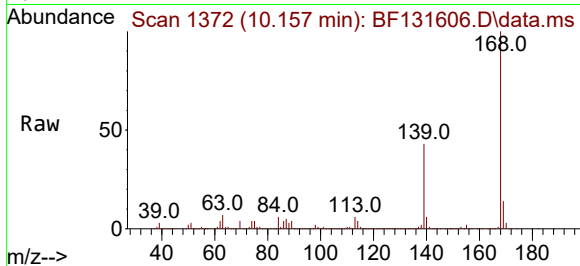




#55
Dibenzofuran
Concen: 86.120 ng
RT: 10.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

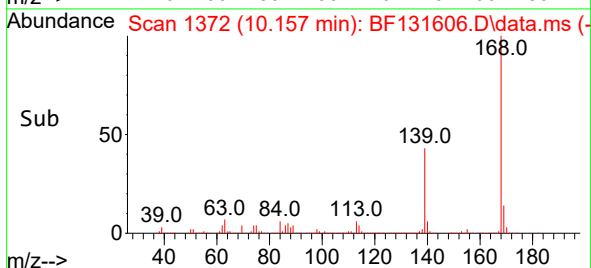
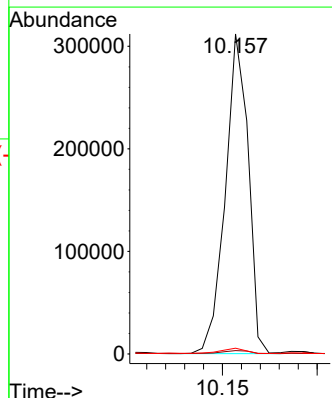
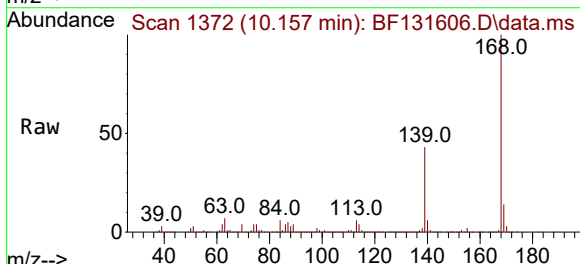
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

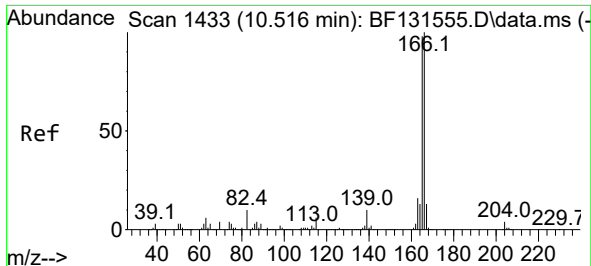
Tgt Ion:168 Resp: 632354
Ion Ratio Lower Upper
168 100
139 42.6 33.9 50.9
169 14.0 10.7 16.1



#56
4-Nitrophenol
Concen: 304.365 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.082 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:139 Resp: 261847
Ion Ratio Lower Upper
139 100
109 1.1 110.2 150.2#
65 1.8 133.3 173.3#

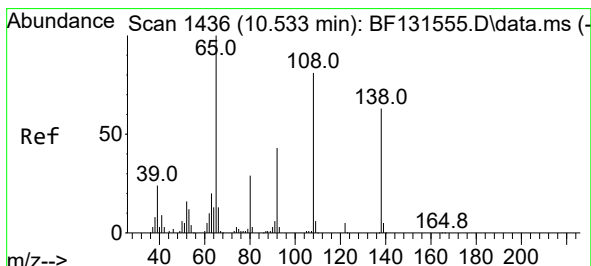
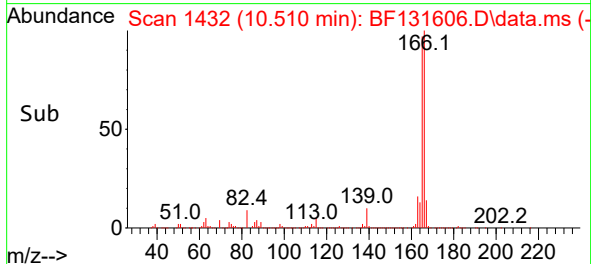
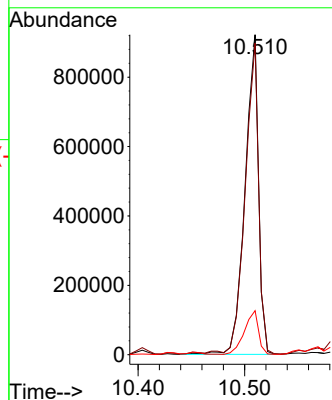
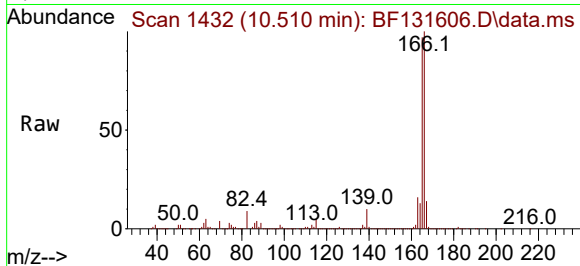




#58
Fluorene
Concen: 136.240 ng
RT: 10.510 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

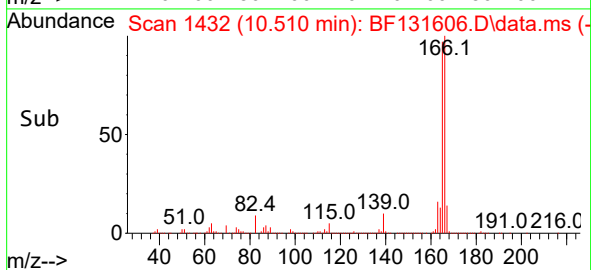
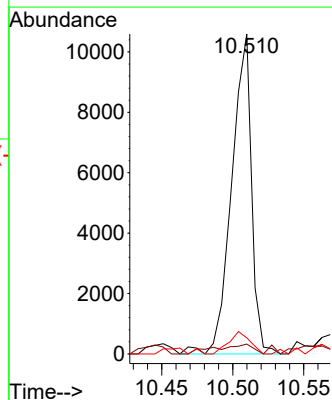
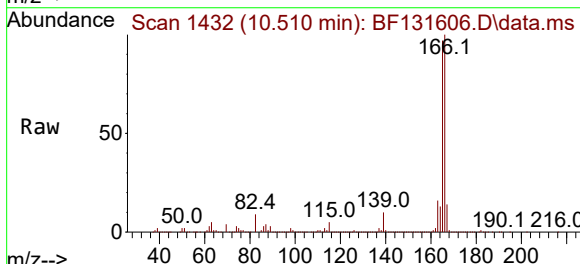
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

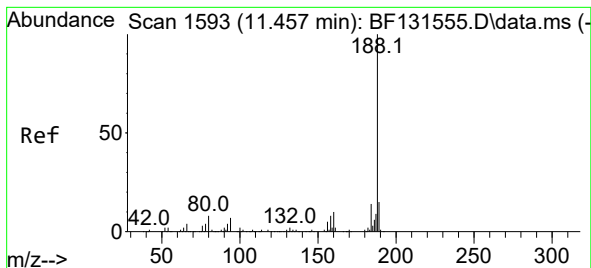
Tgt Ion:166 Resp: 813260
Ion Ratio Lower Upper
166 100
165 97.4 78.4 117.6
167 13.7 10.7 16.1



#62
4-Nitroaniline
Concen: 8.417 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.024 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:138 Resp: 10329
Ion Ratio Lower Upper
138 100
92 3.1 47.5 87.5#
108 5.0 108.8 148.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

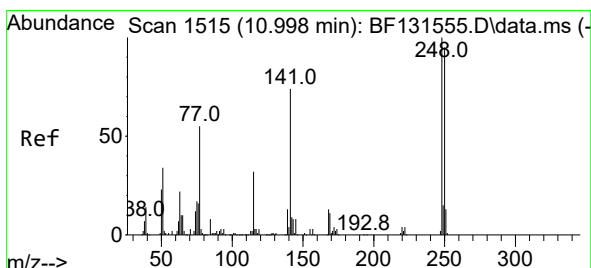
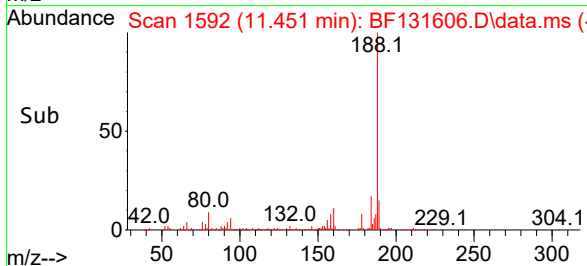
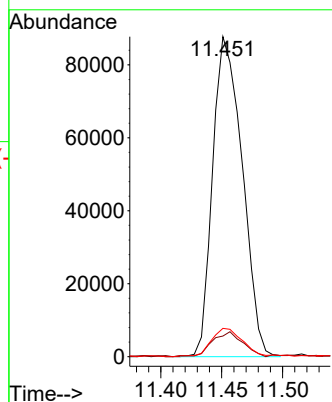
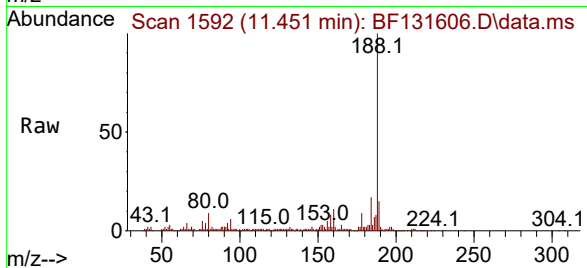
Tgt Ion:188 Resp: 148578

Ion Ratio Lower Upper

188 100

94 6.5 5.5 8.3

80 8.9 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.686 ng

RT: 10.745 min Scan# 1472

Delta R.T. -0.247 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

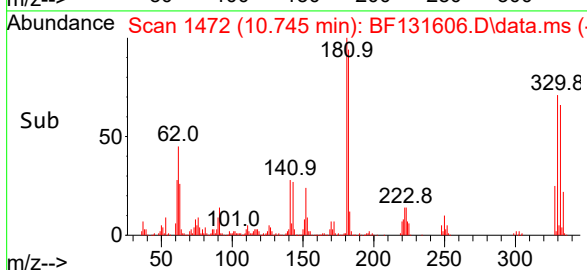
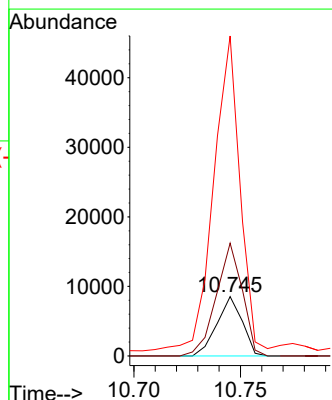
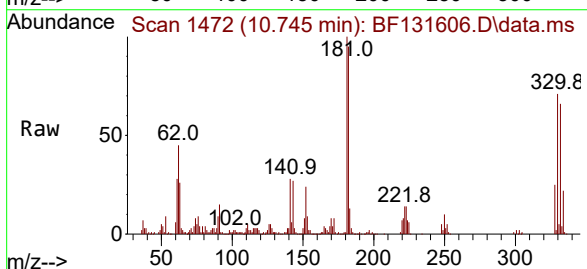
Tgt Ion:248 Resp: 7046

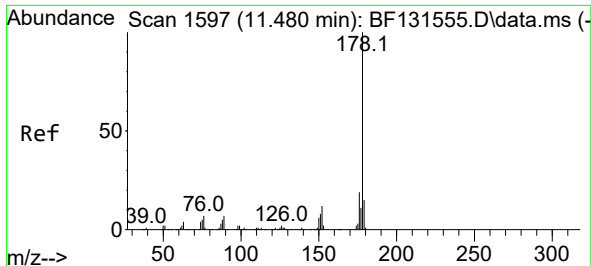
Ion Ratio Lower Upper

248 100

250 190.2 76.2 114.2#

141 539.7 59.5 89.3#

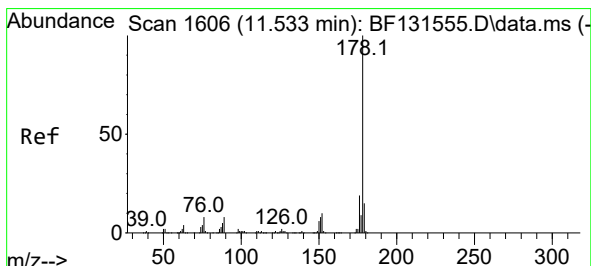
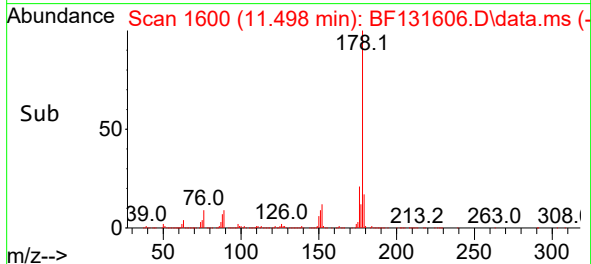
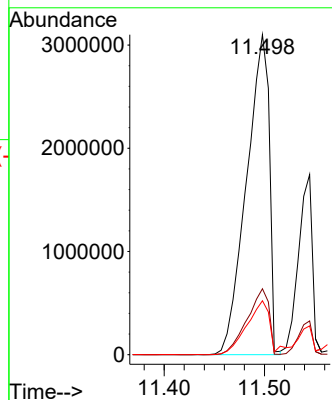
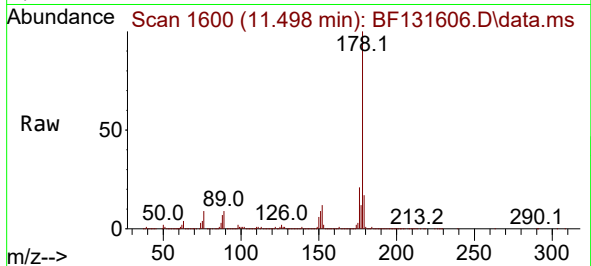




#71
Phenanthrene
Concen: 588.255 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.024 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

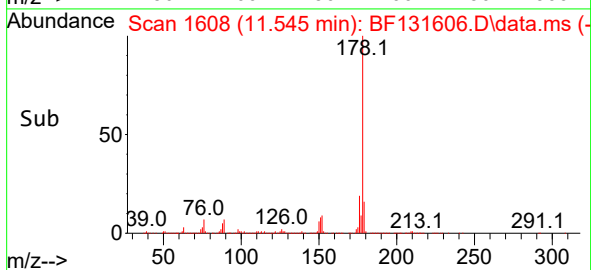
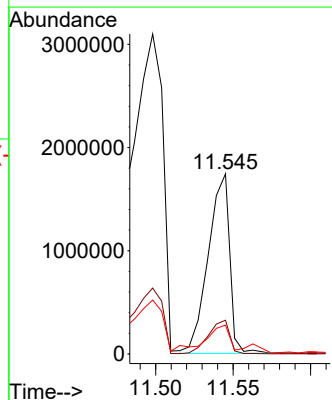
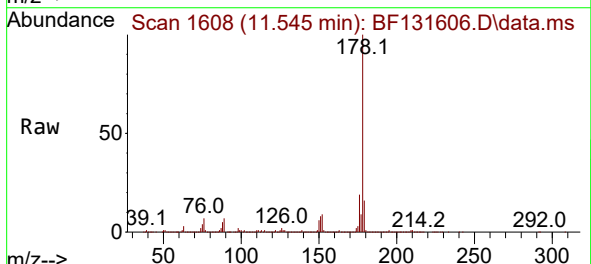
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

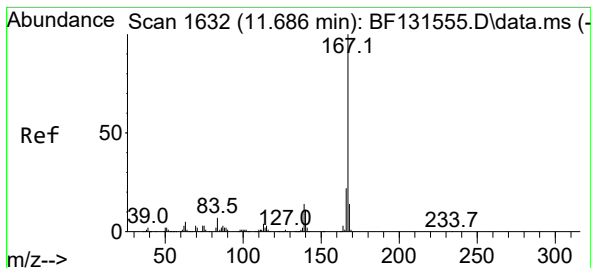
Tgt Ion:178 Resp: 4871690
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.0
179 16.8 12.2 18.4



#72
Anthracene
Concen: 207.644 ng
RT: 11.545 min Scan# 1608
Delta R.T. 0.018 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:178 Resp: 1673036
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.6
179 16.0 12.3 18.5





#73

Carbazole

Concen: 61.527 ng

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

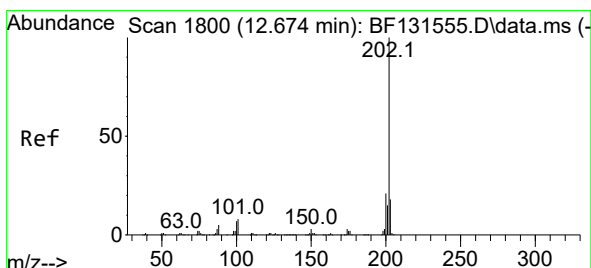
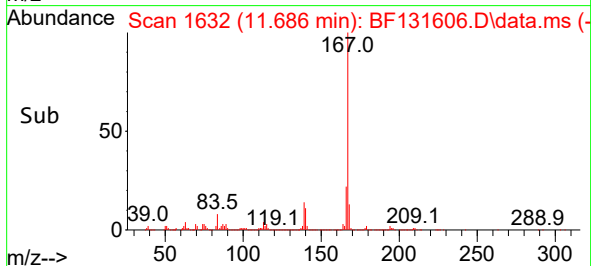
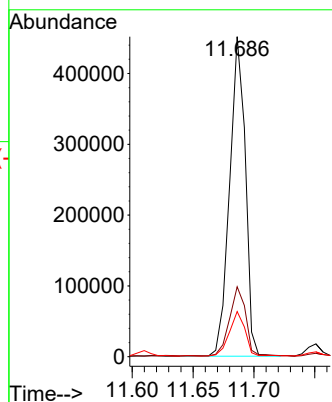
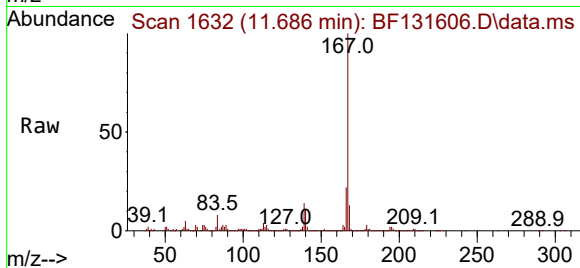
Tgt Ion:167 Resp: 404642

Ion Ratio Lower Upper

167 100

166 21.8 17.4 26.0

139 14.1 11.0 16.4



#75

Fluoranthene

Concen: 629.800 ng

RT: 12.704 min Scan# 1805

Delta R.T. 0.035 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

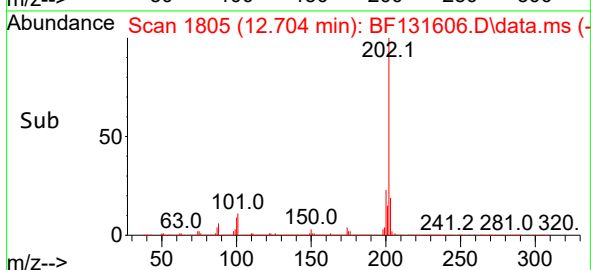
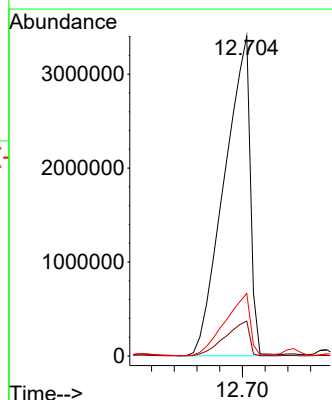
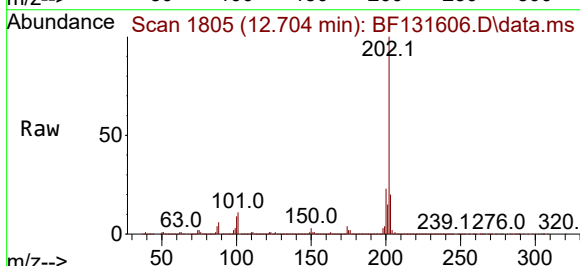
Tgt Ion:202 Resp: 5370814

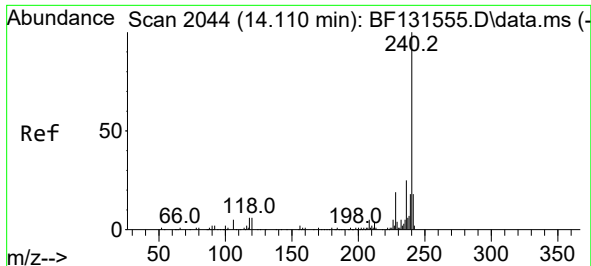
Ion Ratio Lower Upper

202 100

101 10.9 0.0 27.7

203 19.5 0.0 37.7

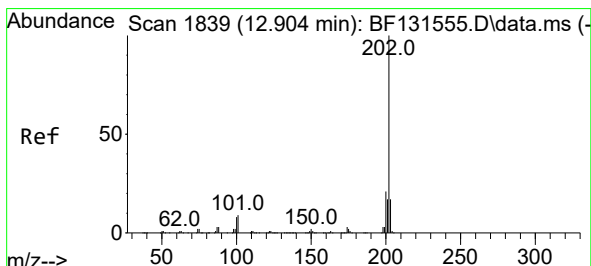
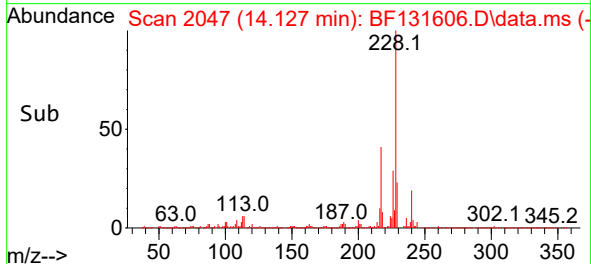
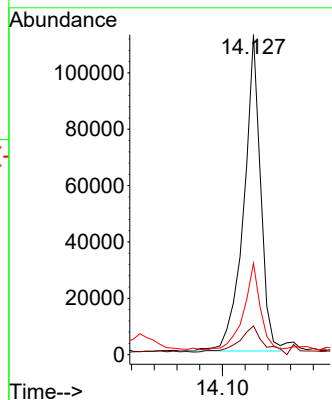
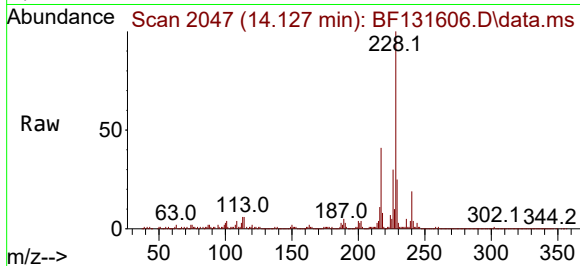




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2047
Delta R.T. 0.024 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

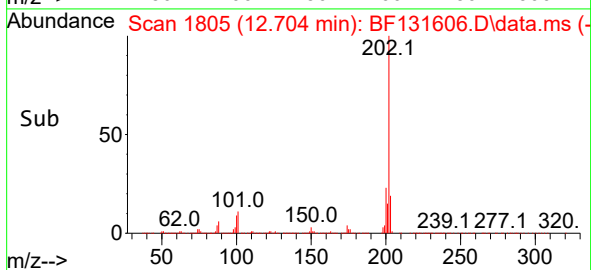
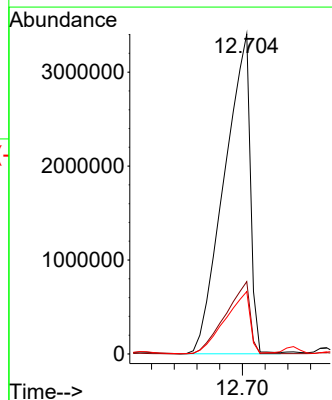
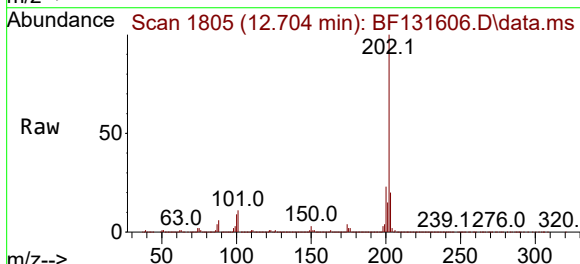
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

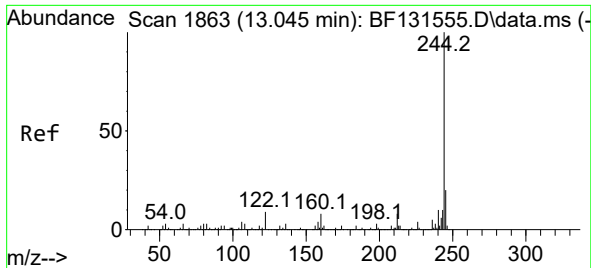
Tgt Ion:240 Resp: 114929
Ion Ratio Lower Upper
240 100
120 9.0 4.6 7.0#
236 28.6 20.2 30.2



#78
Pyrene
Concen: 473.925 ng
RT: 12.704 min Scan# 1805
Delta R.T. -0.194 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:202 Resp: 5370814
Ion Ratio Lower Upper
202 100
200 22.6 16.7 25.1
203 19.5 13.8 20.6

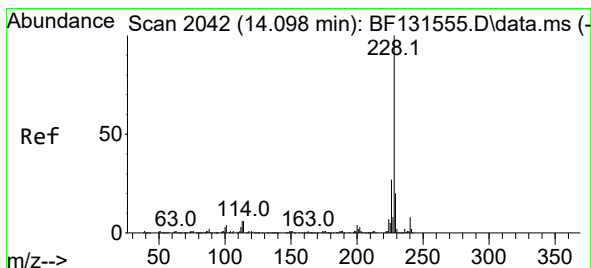
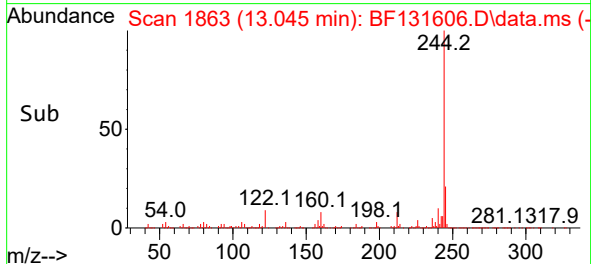
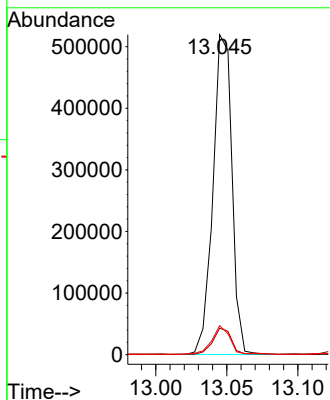
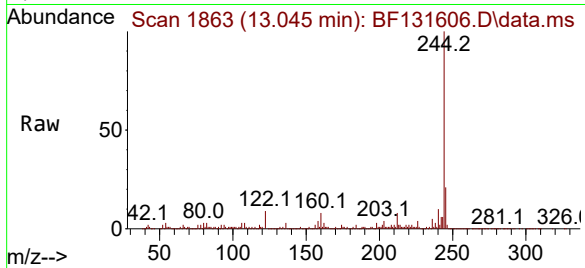




#79
 Terphenyl-d14
 Concen: 57.586 ng
 RT: 13.045 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

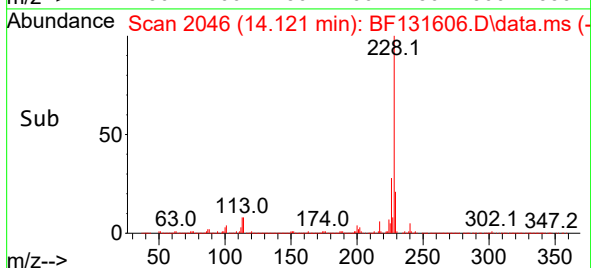
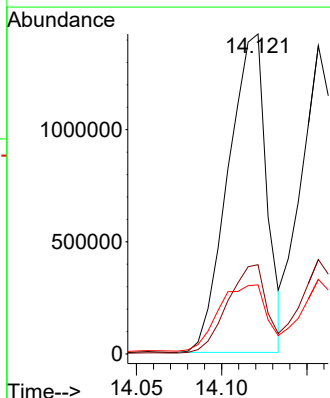
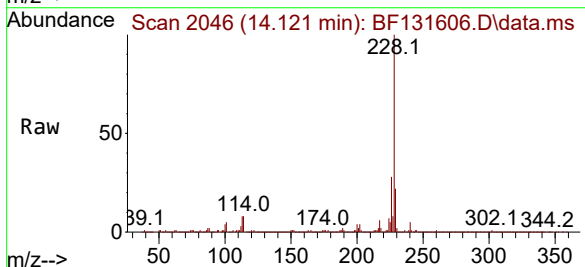
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-120922

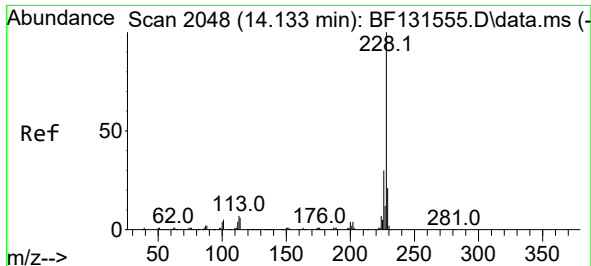
Tgt Ion:244 Resp: 482590
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.0 7.1 10.7



#81
 Benzo(a)anthracene
 Concen: 268.857 ng
 RT: 14.121 min Scan# 2046
 Delta R.T. 0.029 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

Tgt Ion:228 Resp: 2231440
 Ion Ratio Lower Upper
 228 100
 226 27.9 21.5 32.3
 229 21.6 15.8 23.6

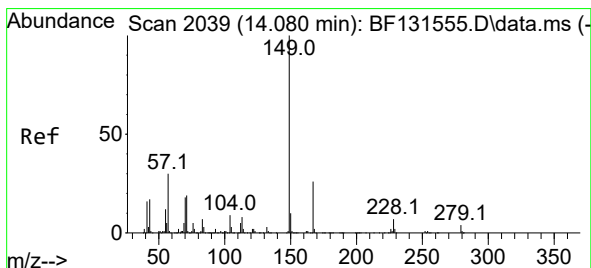
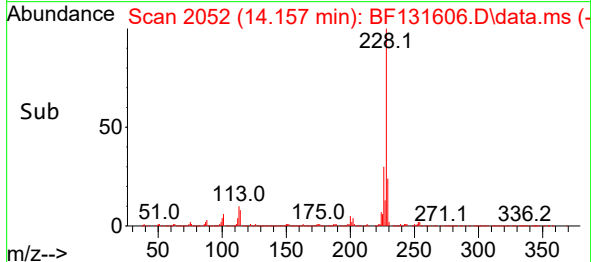
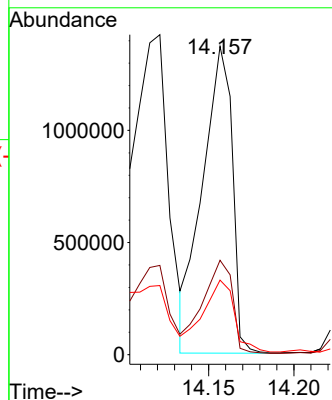
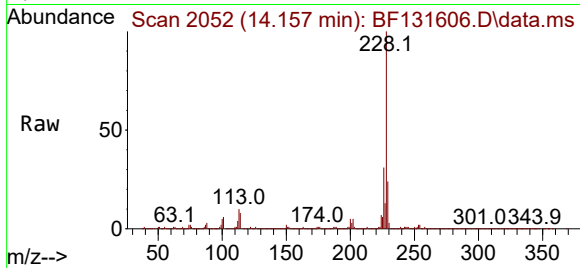




#83
Chrysene
Concen: 210.764 ng
RT: 14.157 min Scan# 2052
Delta R.T. 0.024 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

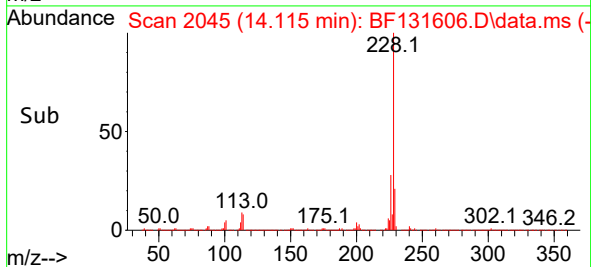
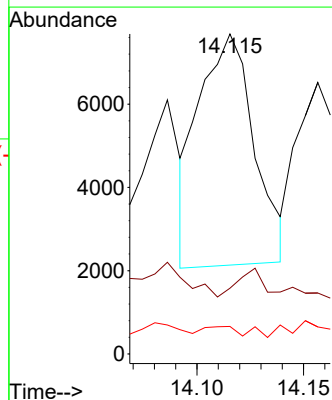
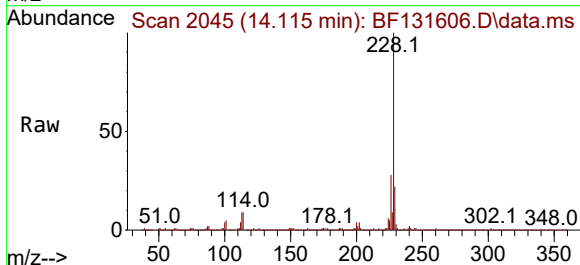
Instrument :
BNA_F
ClientSampleId :
OR-02-120922

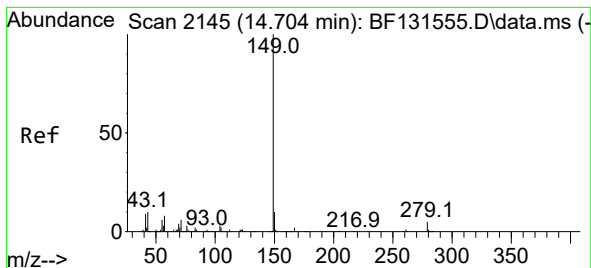
Tgt Ion:228 Resp: 1663044
Ion Ratio Lower Upper
228 100
226 30.6 23.9 35.9
229 24.2 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.141 ng
RT: 14.115 min Scan# 2045
Delta R.T. 0.035 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:149 Resp: 10058
Ion Ratio Lower Upper
149 100
167 20.6 20.8 31.2#
279 8.6 3.3 4.9#





#85

Di-n-octyl phthalate

Concen: 5.277 ng

RT: 14.710 min Scan# 2145

Delta R.T. 0.012 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

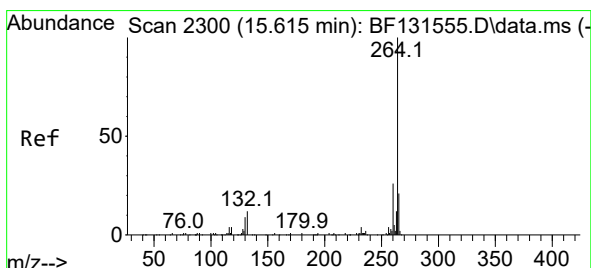
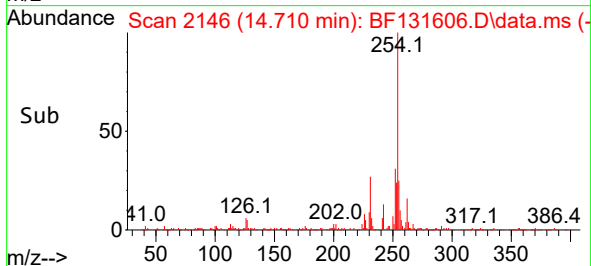
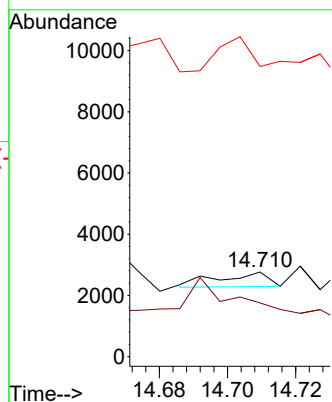
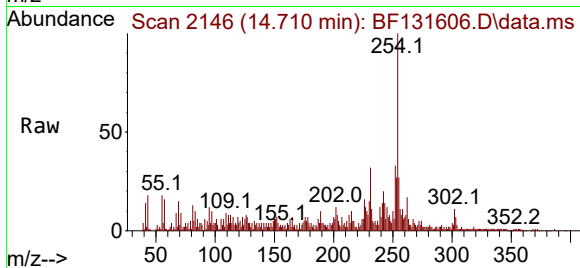
Tgt Ion:149 Resp: 474

Ion Ratio Lower Upper

149 100

167 370.5 1.2 1.8#

43 610.5 8.6 13.0#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2305

Delta R.T. 0.029 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

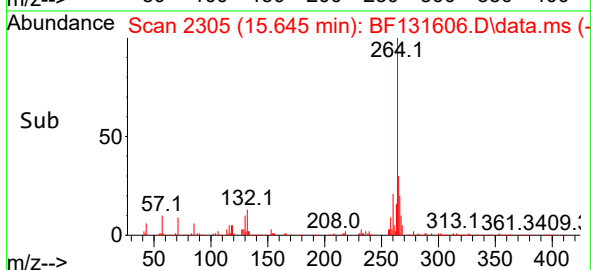
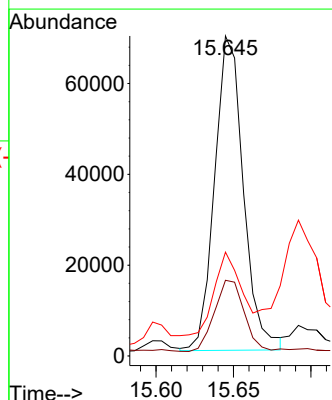
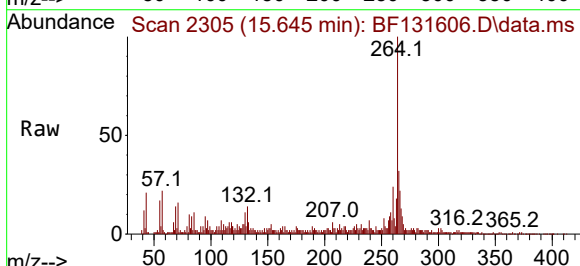
Tgt Ion:264 Resp: 89514

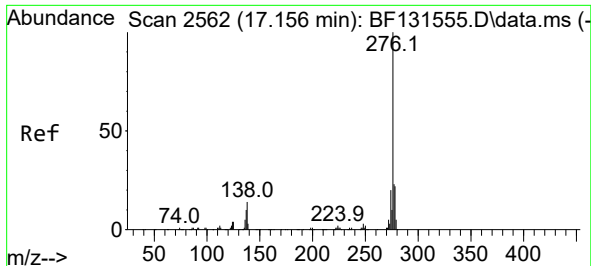
Ion Ratio Lower Upper

264 100

260 23.7 20.6 30.8

265 32.4 16.8 25.2#

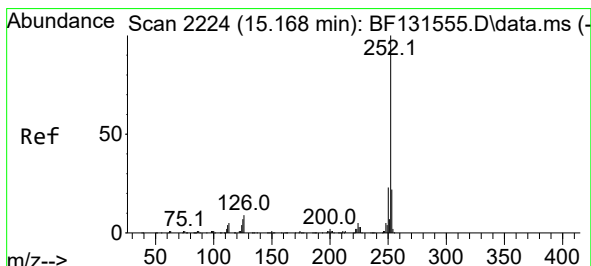
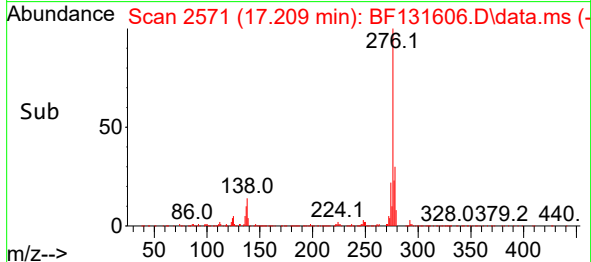
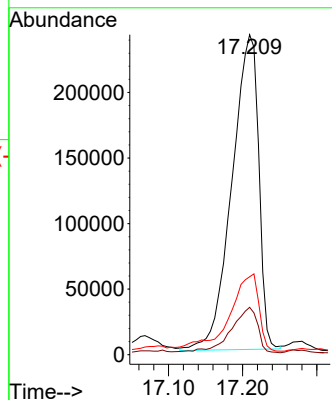
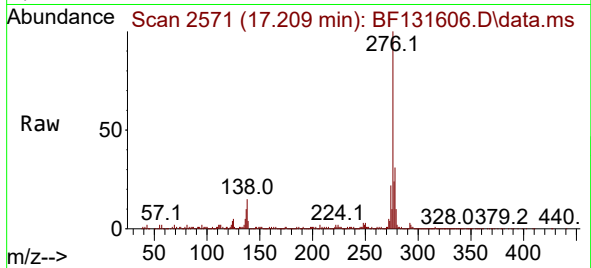




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 82.437 ng
 RT: 17.209 min Scan# 21
 Delta R.T. 0.053 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

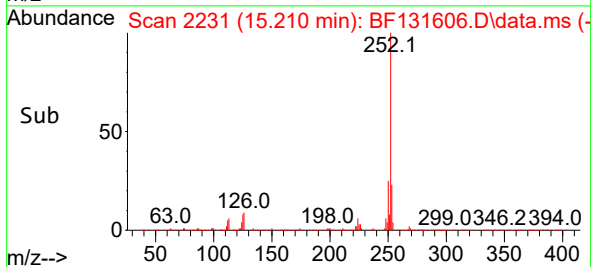
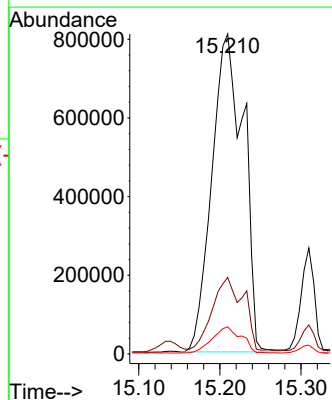
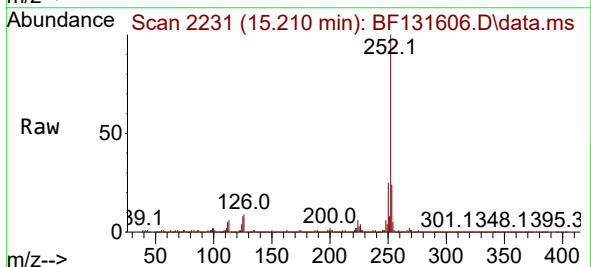
Instrument :
 BNA_F
 ClientSampleId :
 OR-02-120922

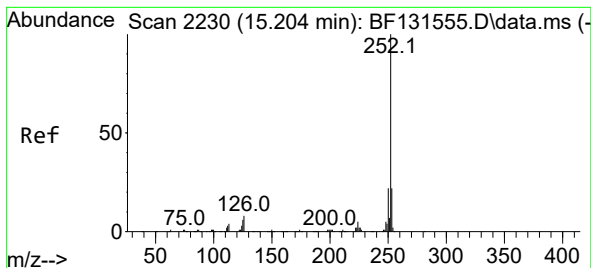
Tgt Ion:276 Resp: 602222
 Ion Ratio Lower Upper
 276 100
 138 14.5 12.7 19.1
 277 27.3 20.0 30.0



#88
 Benzo(b)fluoranthene
 Concen: 371.994 ng
 RT: 15.210 min Scan# 2231
 Delta R.T. 0.041 min
 Lab File: BF131606.D
 Acq: 12 Dec 2022 22:22

Tgt Ion:252 Resp: 2194661
 Ion Ratio Lower Upper
 252 100
 253 23.9 17.7 26.5
 125 8.5 5.6 8.4#





#89

Benzo(k)fluoranthene

Concen: 356.398 ng

RT: 15.210 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

Instrument :

BNA_F

ClientSampleId :

OR-02-120922

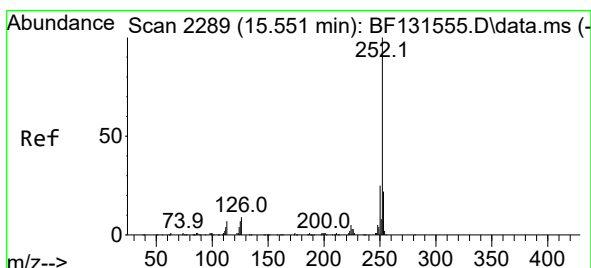
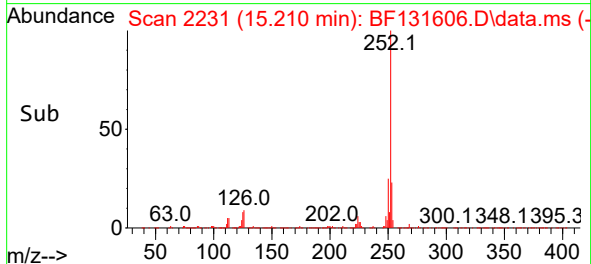
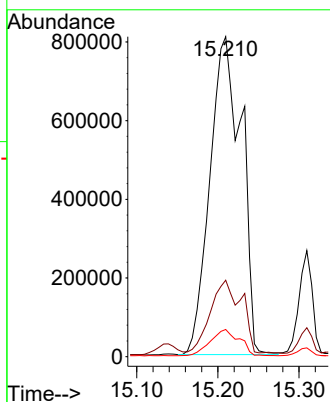
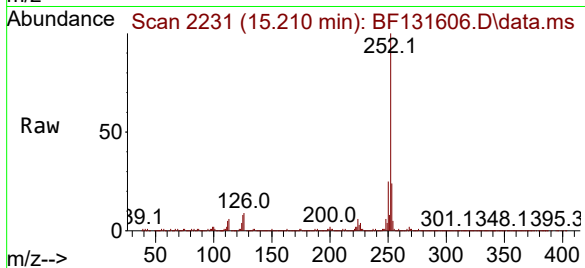
Tgt Ion:252 Resp: 2194661

Ion Ratio Lower Upper

252 100

253 23.9 17.7 26.5

125 8.5 4.9 7.3#



#90

Benzo(a)pyrene

Concen: 250.817 ng

RT: 15.598 min Scan# 2297

Delta R.T. 0.047 min

Lab File: BF131606.D

Acq: 12 Dec 2022 22:22

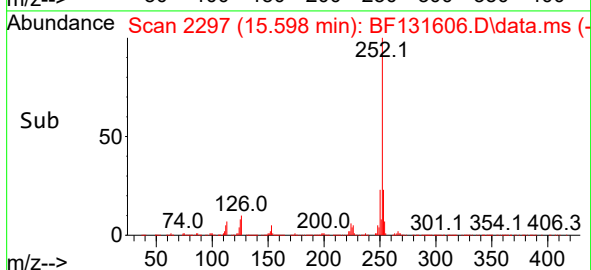
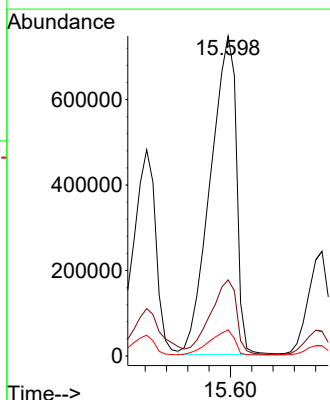
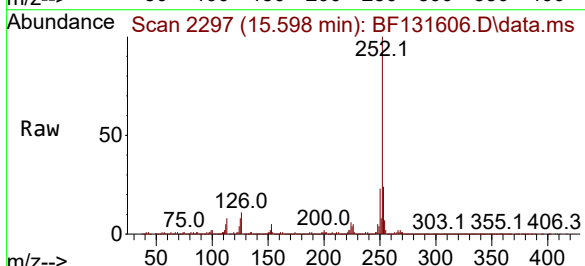
Tgt Ion:252 Resp: 1262827

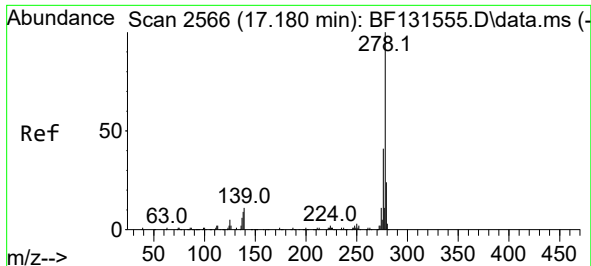
Ion Ratio Lower Upper

252 100

253 23.8 17.5 26.3

125 8.2 5.6 8.4

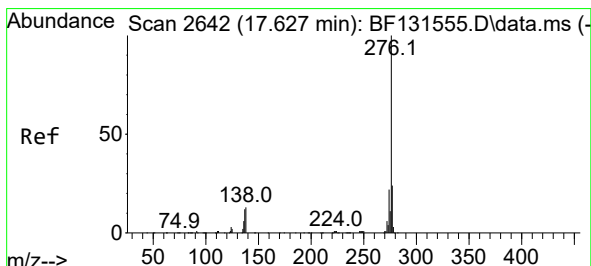
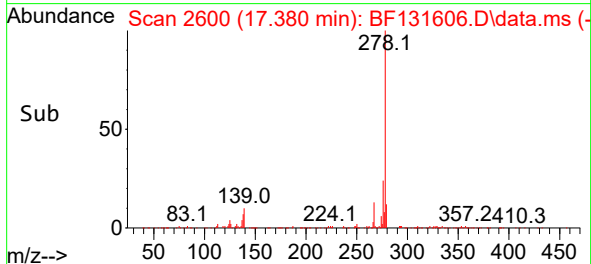
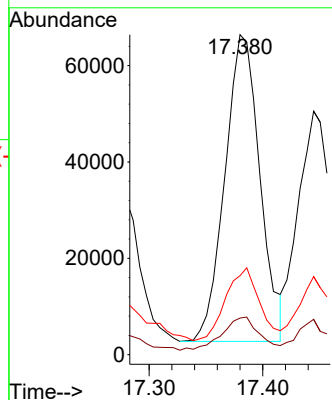
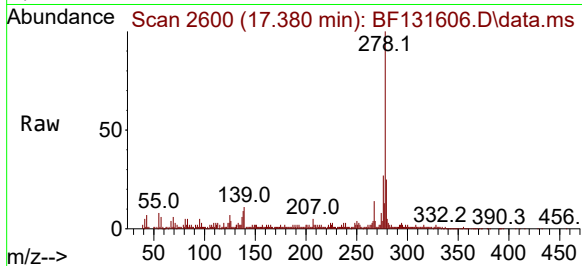




#91
Dibenzo(a,h)anthracene
Concen: 22.699 ng
RT: 17.380 min Scan# 20
Delta R.T. 0.206 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Instrument :
BNA_F
ClientSampleId :
OR-02-120922

Tgt Ion:278 Resp: 136477
Ion Ratio Lower Upper
278 100
139 11.5 8.9 13.3
279 24.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 89.484 ng
RT: 17.686 min Scan# 2652
Delta R.T. 0.059 min
Lab File: BF131606.D
Acq: 12 Dec 2022 22:22

Tgt Ion:276 Resp: 540719
Ion Ratio Lower Upper
276 100
277 24.8 19.0 28.6
138 14.2 10.7 16.1

