

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135086.D
 Acq On : 01 Sep 2023 20:21
 Operator : CG\JU
 Sample : 04189-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07(14-15)

Quant Time: Sep 02 00:14:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	70256	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	96044	20.000	ng	# 0.02
39) Acenaphthene-d10	9.816	164	120781	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	132127	20.000	ng	# 0.02
76) Chrysene-d12	14.015	240	109786	20.000	ng	0.05
86) Perylene-d12	15.486	264	139982	20.000	ng	# 0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	93720	20.605	ng	0.00
7) Phenol-d6	6.410	99	107684	18.994	ng	0.00
23) Nitrobenzene-d5	7.339	82	59545	34.831	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	19531	15.244	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	97914	13.199	ng	0.00
79) Terphenyl-d14	12.916	244	123826	18.406	ng	0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.334	77	34051	11.787	ng	# 1
18) Hexachloroethane	7.304	117	118556	67.168	ng	# 1
22) Acetophenone	7.239	105	17053	7.983	ng	# 62
24) Nitrobenzene	7.422	77	126261	72.000	ng	# 42
26) 2-Nitrophenol	7.651	139	3158	3.645	ng	# 1
28) bis(2-Chloroethoxy)met...	7.569	93	5655	2.892	ng	98
31) Naphthalene	8.175	128	22944638	4890.465	ng	95
32) Benzoic acid	7.869	122	2376	2.129	ng	# 1
33) 4-Chloroaniline	8.175	127	3449295	1680.850	ng	# 37
35) Caprolactam	8.481	113	8593	19.796	ng	# 47
37) 2-Methylnaphthalene	8.810	142	5524631	1764.807	ng	99
38) 1-Methylnaphthalene	8.904	142	3539078	1208.256	ng	97
46) 1,1'-Biphenyl	9.245	154	2574285	278.967	ng	96
47) 2-Chloronaphthalene	9.304	162	55798	8.041	ng	# 48
48) 2-Nitroaniline	9.333	65	13960	5.877	ng	# 25
49) Acenaphthylene	9.692	152	3700296	352.747	ng	98
51) 2,6-Dinitrotoluene	9.510	165	24847	13.389	ng	# 1
52) Acenaphthene	9.857	154	1283427	191.988	ng	96
53) 3-Nitroaniline	9.598	138	4600	2.128	ng	# 20
55) Dibenzofuran	10.045	168	4958654	514.211	ng	95
56) 4-Nitrophenol	10.045	139	2089998	1375.418	ng	# 9
57) 2,4-Dinitrotoluene	10.063	165	16051	6.941	ng	# 61
58) Fluorene	10.398	166	4171464	567.414	ng	98
63) Azobenzene	10.528	77	34032	4.245	ng	# 1
66) n-Nitrosodiphenylamine	10.480	169	23099	5.623	ng	# 1
71) Phenanthrene	11.404	178	15018203	2203.212	ng	97
72) Anthracene	11.404	178	15018203	2156.392	ng	97
73) Carbazole	11.574	167	2844317	473.503	ng	97
75) Fluoranthene	12.598	202	13205833	1916.159	ng	97
78) Pyrene	12.839	202	10668782	1023.507	ng	95
80) Butylbenzylphthalate	13.439	149	138635	36.816	ng	# 42
81) Benzo(a)anthracene	14.004	228	6762897	903.055	ng	92
83) Chrysene	14.004	228	6762897	918.896	ng	97
84) Bis(2-ethylhexyl)phtha...	13.986	149	23624	6.062	ng	# 79
87) Indeno(1,2,3-cd)pyrene	16.798	276	468187	49.655	ng	94
88) Benzo(b)fluoranthene	15.074	252	7138457	819.577	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

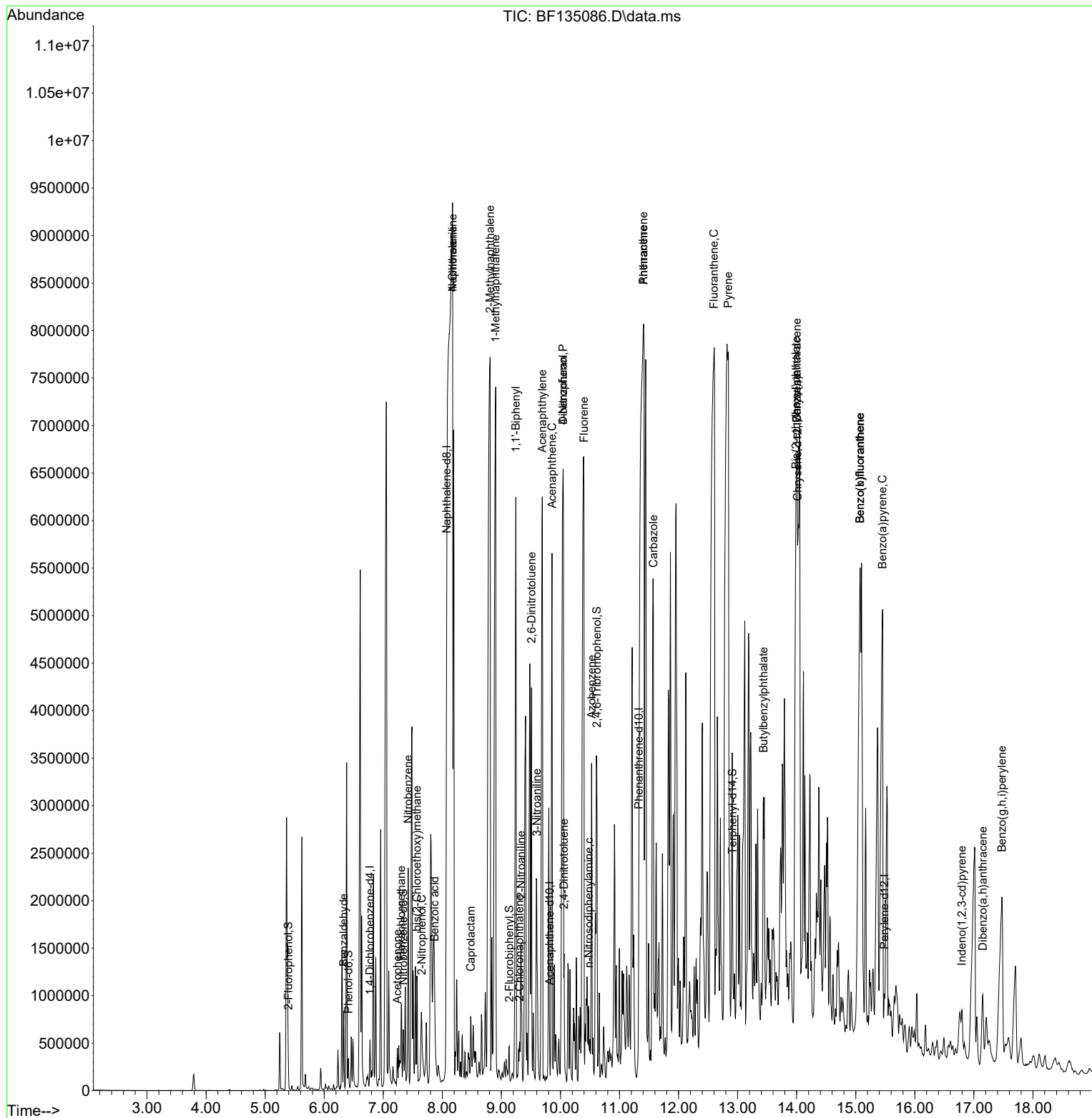
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Benzo(k)fluoranthene	15.074	252	7138457	848.348	ng	97
90) Benzo(a)pyrene	15.451	252	4348873	537.482	ng	97
91) Dibenzo(a,h)anthracene	17.151	278	527115	69.026	ng	96
92) Benzo(g,h,i)perylene	17.474	276	2540380	319.849	ng	97

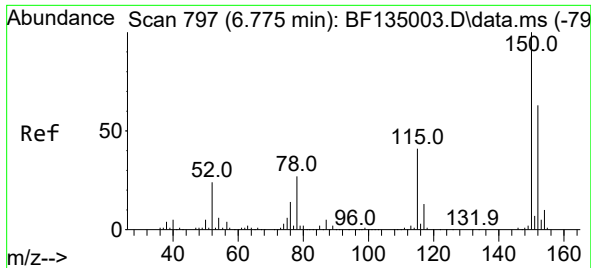
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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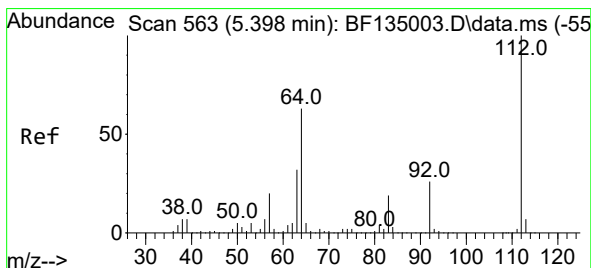
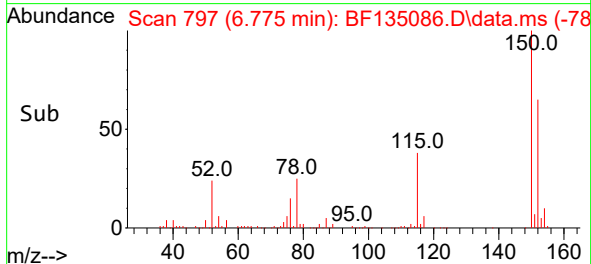
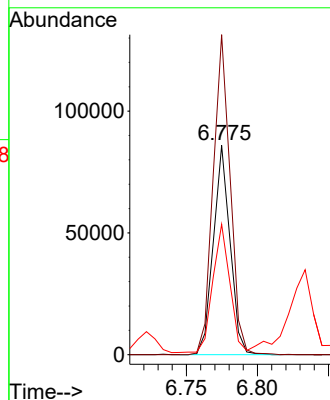
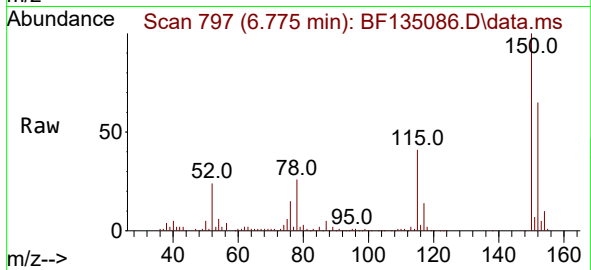




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.000 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

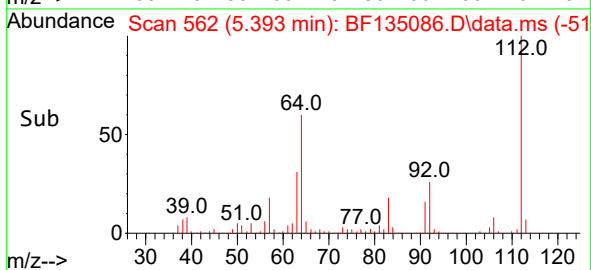
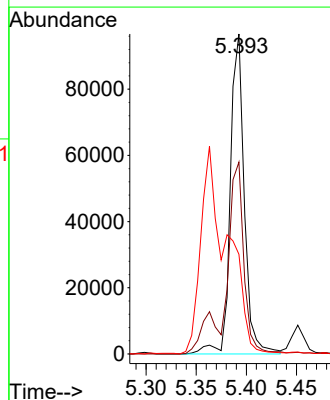
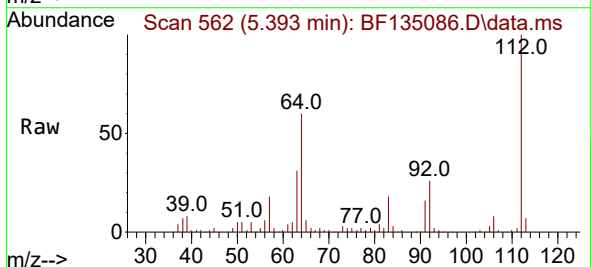
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

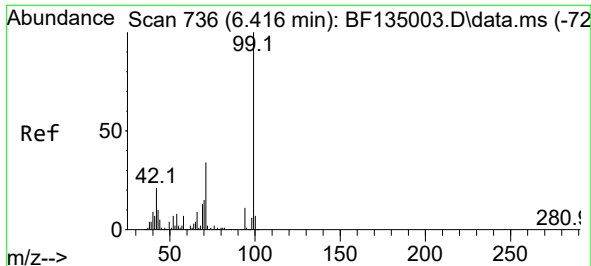
Tgt Ion:152 Resp: 70256
Ion Ratio Lower Upper
152 100
150 152.9 126.2 189.4
115 62.3 51.2 76.8



#5
2-Fluorophenol
Concen: 20.605 ng
RT: 5.393 min Scan# 562
Delta R.T. -0.006 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:112 Resp: 93720
Ion Ratio Lower Upper
112 100
64 60.0 50.5 75.7
63 31.1 25.9 38.9





#7

Phenol-d6

Concen: 18.994 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

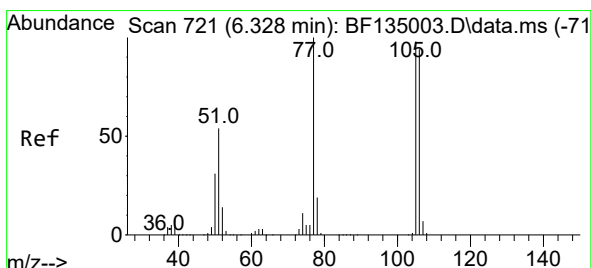
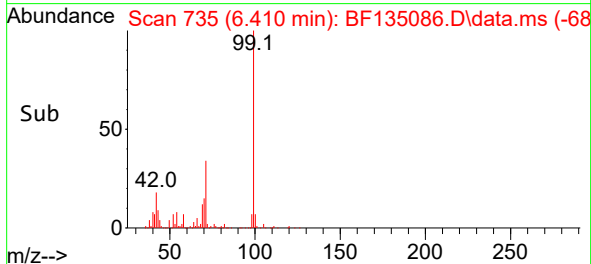
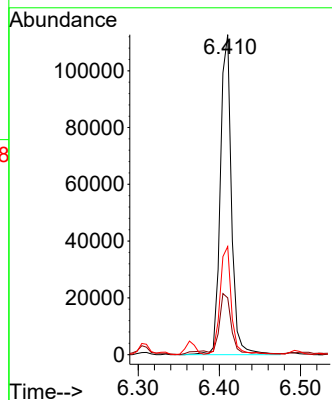
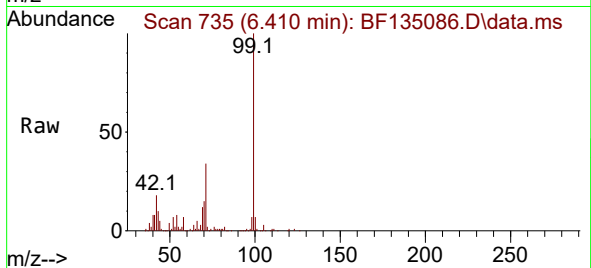
Tgt Ion: 99 Resp: 107684

Ion Ratio Lower Upper

99 100

42 17.8 16.6 25.0

71 33.8 27.0 40.6



#9

Benzaldehyde

Concen: 11.787 ng

RT: 6.334 min Scan# 722

Delta R.T. 0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

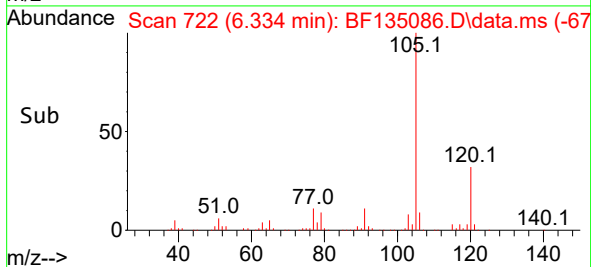
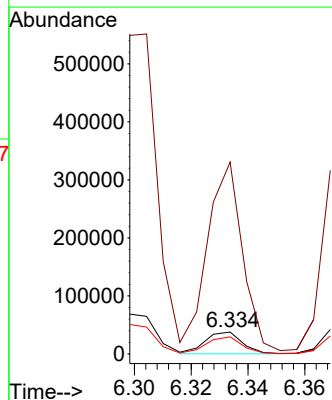
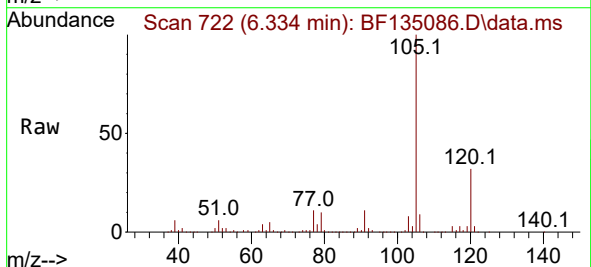
Tgt Ion: 77 Resp: 34051

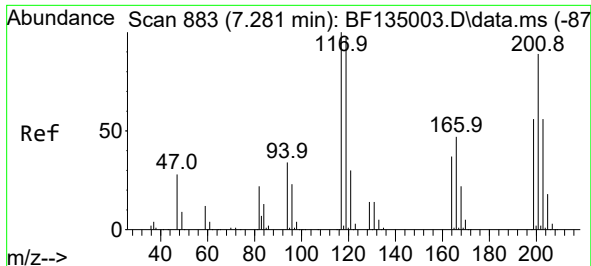
Ion Ratio Lower Upper

77 100

105 872.2 78.4 118.4#

106 77.6 74.3 114.3

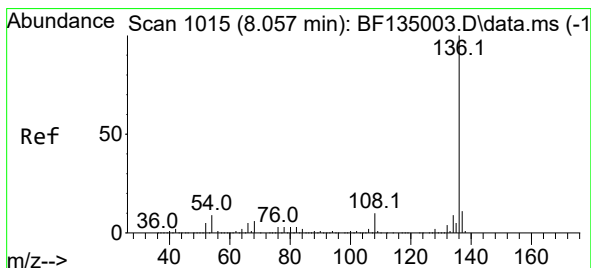
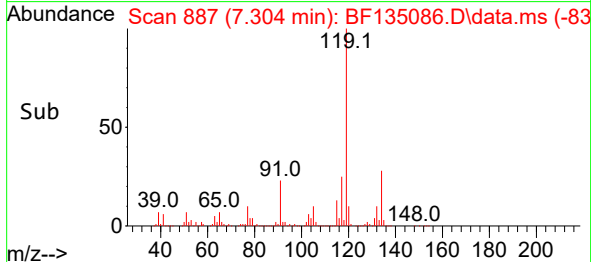
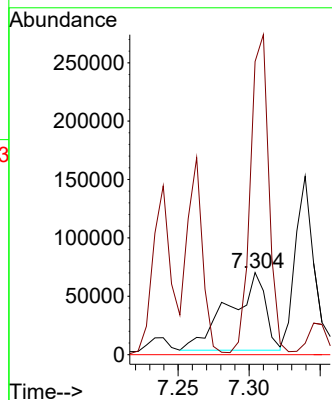
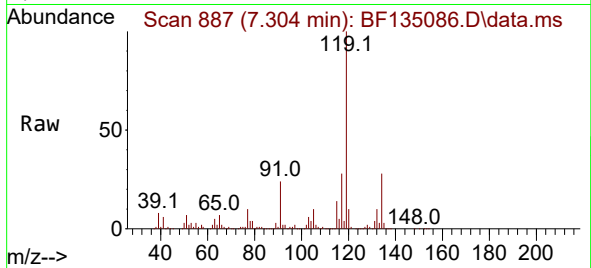




#18
Hexachloroethane
Concen: 67.168 ng
RT: 7.304 min Scan# 81
Delta R.T. 0.024 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

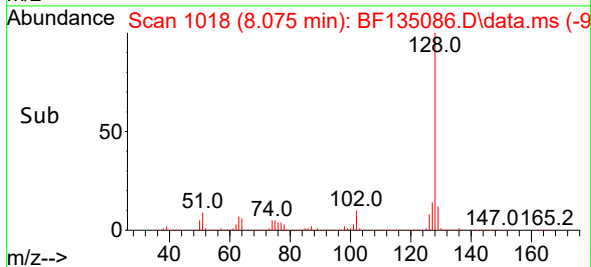
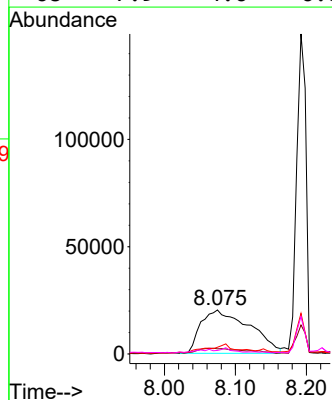
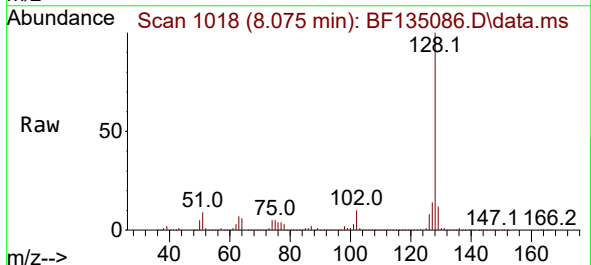
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

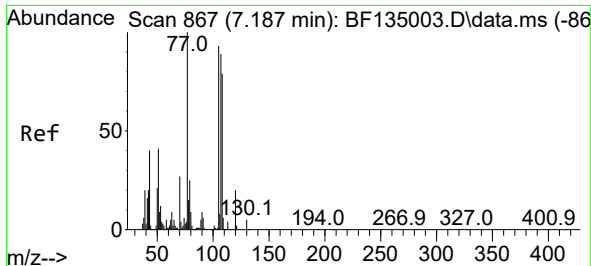
Tgt Ion:117 Resp: 118556
Ion Ratio Lower Upper
117 100
119 357.5 77.4 116.2#
201 0.0 71.4 107.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.018 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:136 Resp: 96044
Ion Ratio Lower Upper
136 100
137 11.7 8.8 13.2
54 15.2 7.0 10.4#
68 7.9 4.6 6.8#

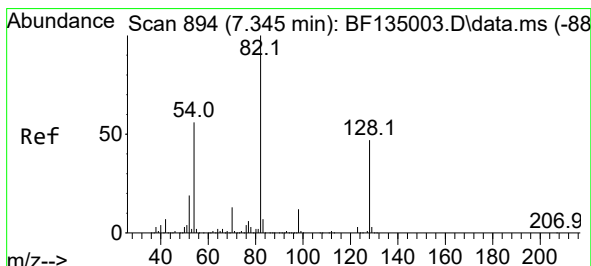
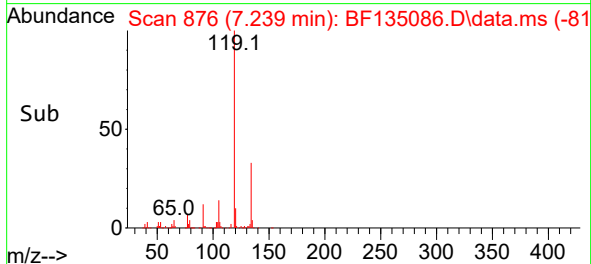
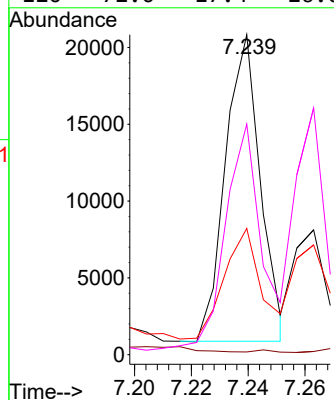
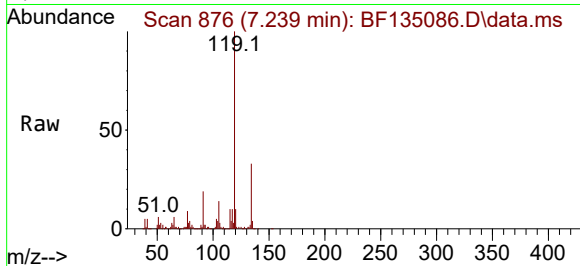




#22
Acetophenone
Concen: 7.983 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.053 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

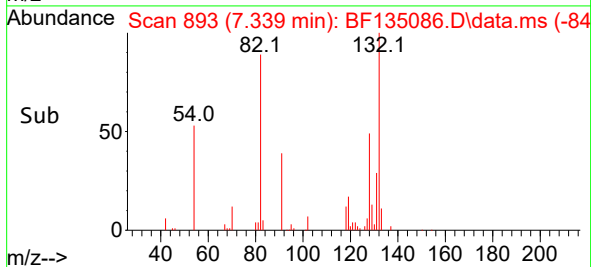
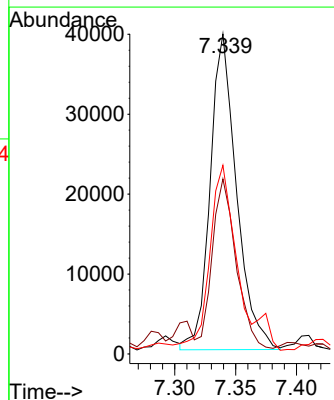
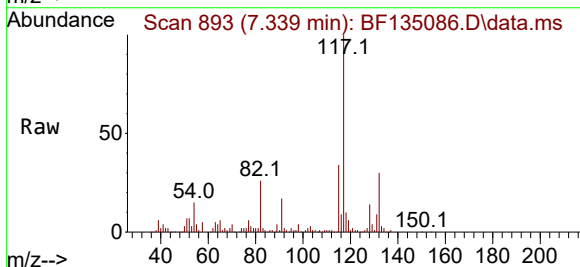
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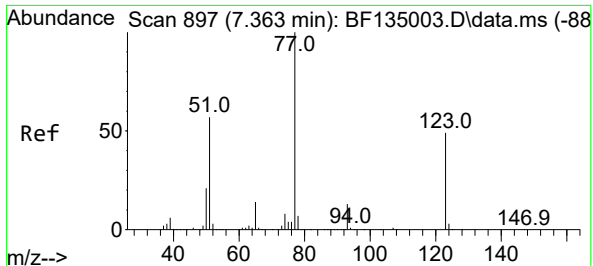
Tgt Ion:105 Resp: 17053
Ion Ratio Lower Upper
105 100
71 0.9 3.8 5.6#
51 39.5 35.0 52.6
120 72.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 34.831 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion: 82 Resp: 59545
Ion Ratio Lower Upper
82 100
128 54.7 37.8 56.8
54 58.9 45.0 67.6

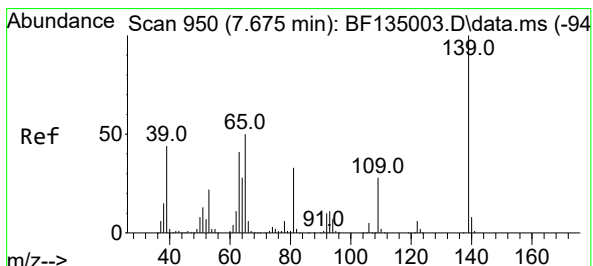
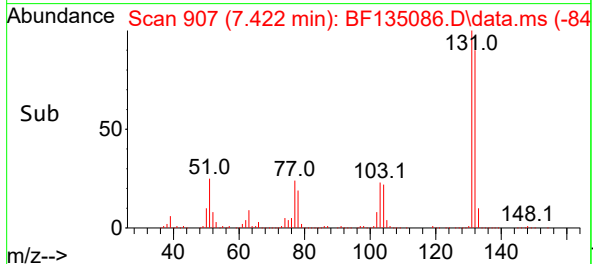
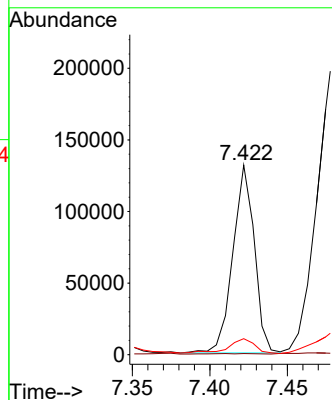
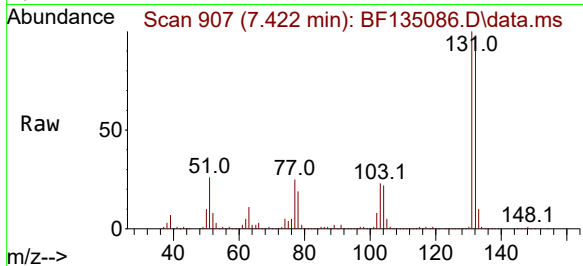




#24
Nitrobenzene
Concen: 72.000 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.059 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

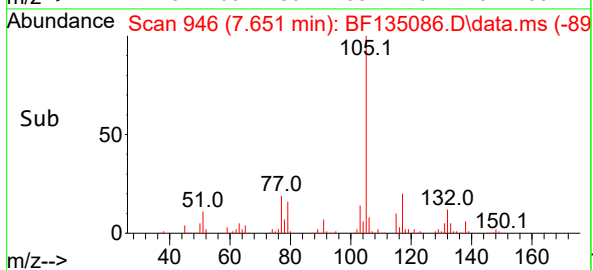
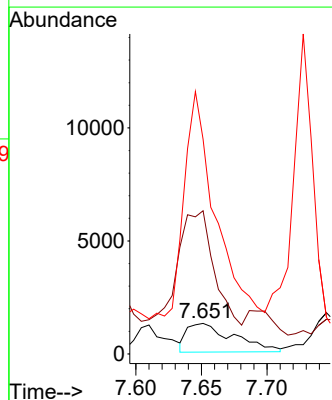
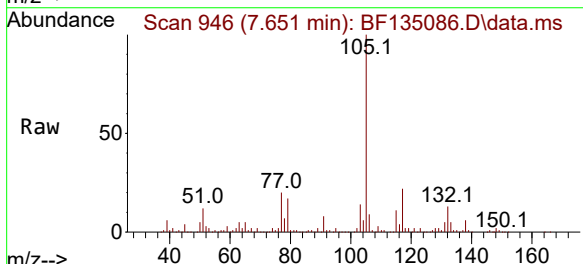
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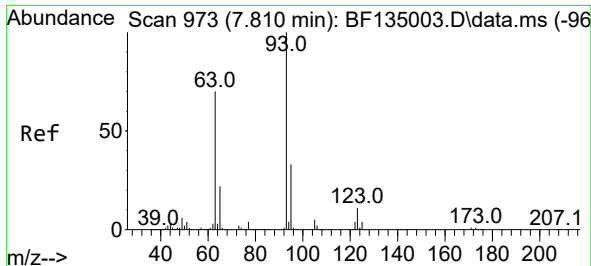
Tgt Ion: 77 Resp: 126261
Ion Ratio Lower Upper
77 100
123 0.6 39.4 59.2#
65 8.5 11.4 17.2#



#26
2-Nitrophenol
Concen: 3.645 ng
RT: 7.651 min Scan# 946
Delta R.T. -0.024 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:139 Resp: 3158
Ion Ratio Lower Upper
139 100
109 468.1 22.6 34.0#
65 702.2 40.3 60.5#





#28

bis(2-Chloroethoxy)methane

Concen: 2.892 ng

RT: 7.569 min Scan# 91

Delta R.T. -0.241 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

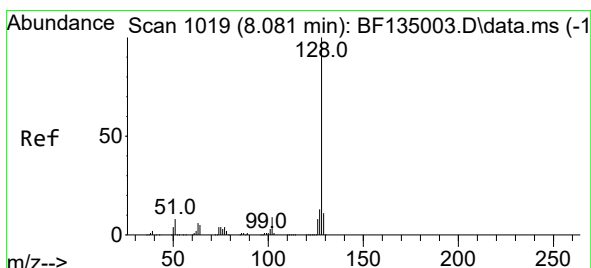
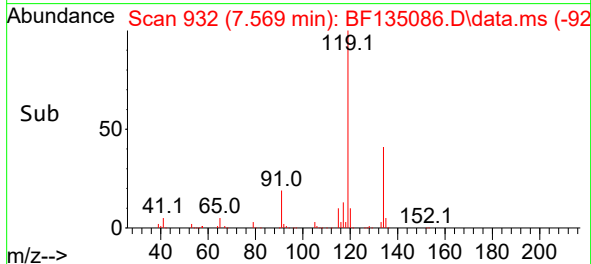
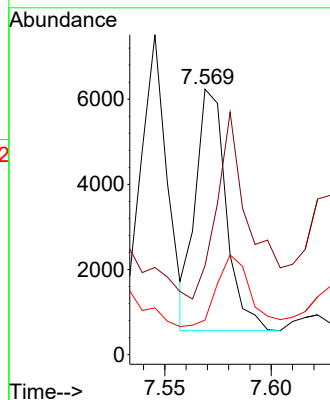
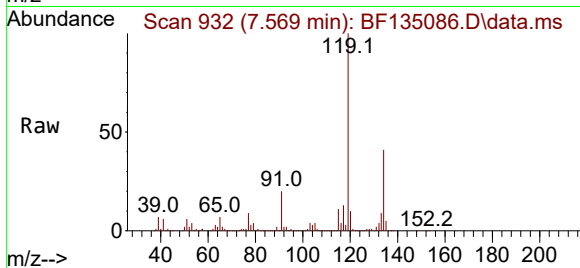
Tgt Ion: 93 Resp: 5655

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

123 13.0 9.2 13.8



#31

Naphthalene

Concen: 4890.465 ng

RT: 8.175 min Scan# 1035

Delta R.T. 0.094 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

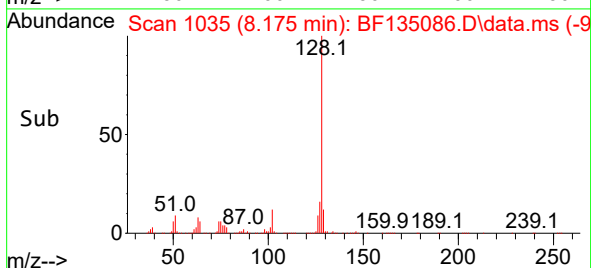
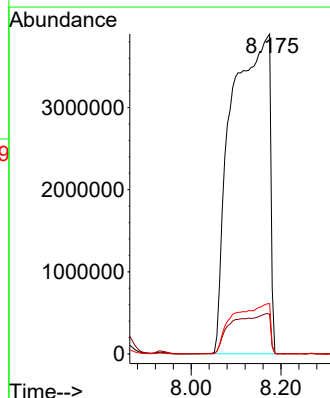
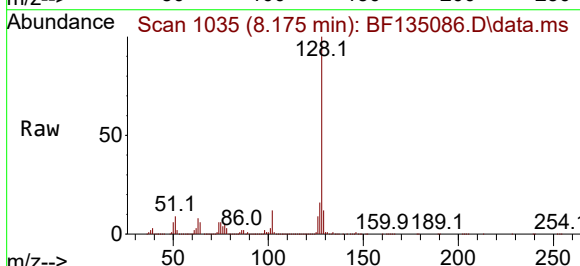
Tgt Ion: 128 Resp: 22944638

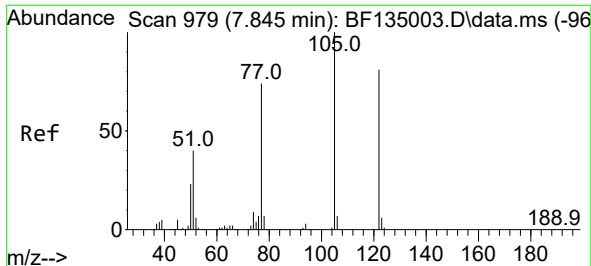
Ion Ratio Lower Upper

128 100

129 12.4 8.6 13.0

127 15.8 10.6 16.0

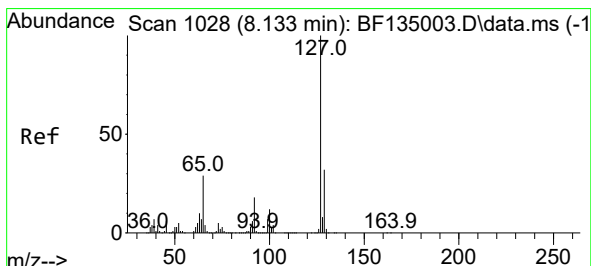
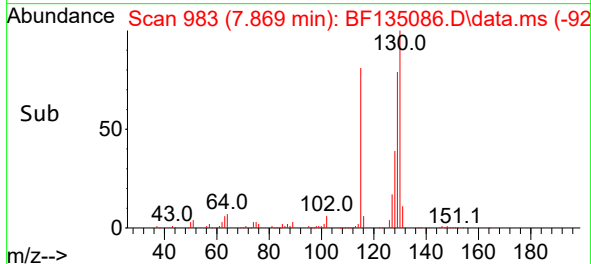
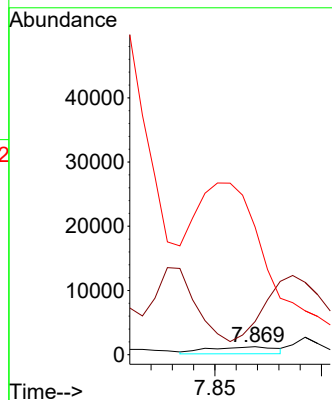
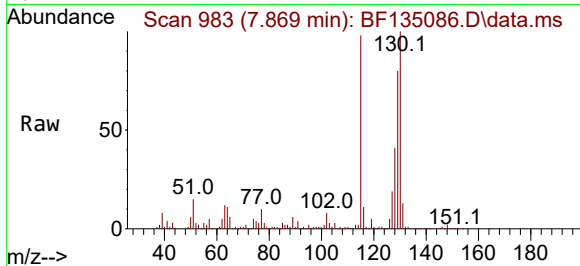




#32
Benzoic acid
Concen: 2.129 ng
RT: 7.869 min Scan# 91
Delta R.T. 0.024 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

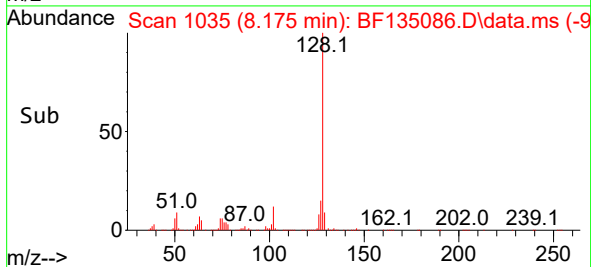
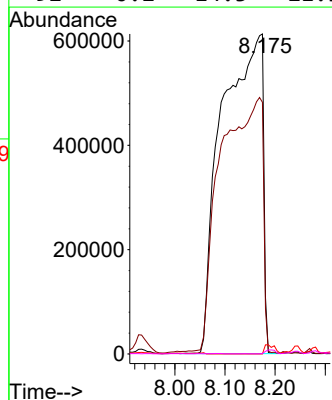
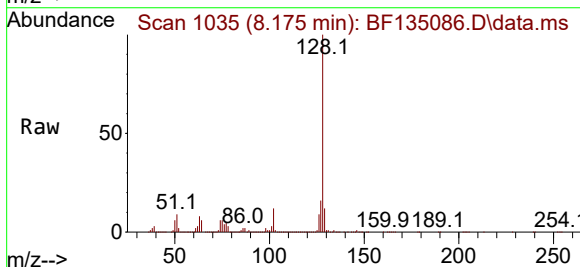
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

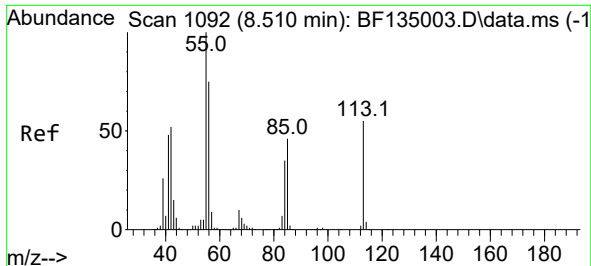
Tgt Ion:122 Resp: 2376
Ion Ratio Lower Upper
122 100
105 410.8 99.8 139.8#
77 1580.3 69.5 109.5#



#33
4-Chloroaniline
Concen: 1680.850 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.041 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:127 Resp: 3449295
Ion Ratio Lower Upper
127 100
129 78.7 25.6 38.4#
65 0.0 23.1 34.7#
92 0.2 14.3 21.5#

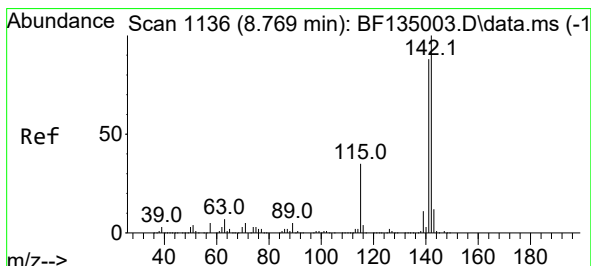
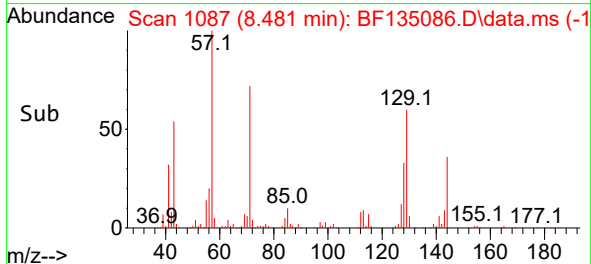
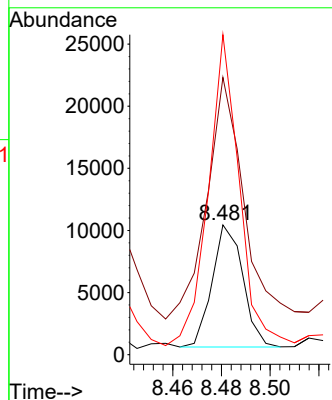
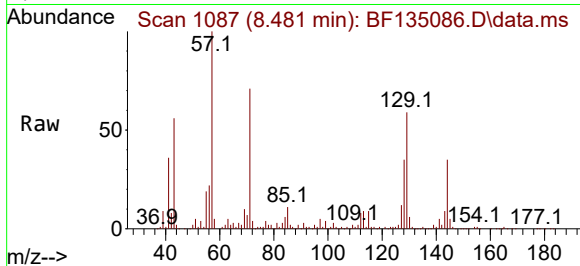




#35
 Caprolactam
 Concen: 19.796 ng
 RT: 8.481 min Scan# 1107
 Delta R.T. -0.029 min
 Lab File: BF135086.D
 Acq: 01 Sep 2023 20:21

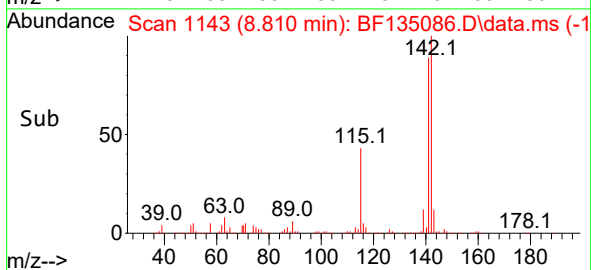
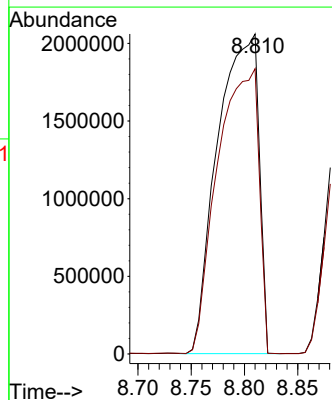
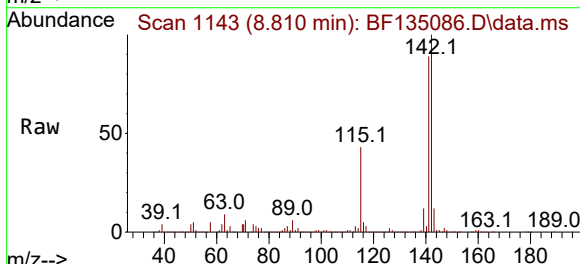
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(14-15)

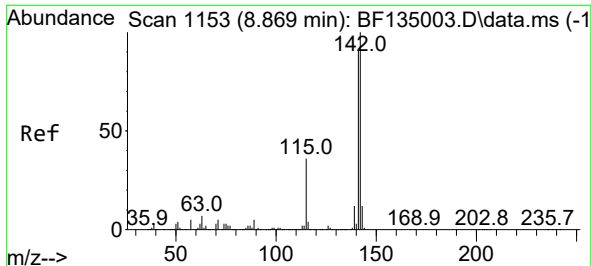
Tgt Ion:113 Resp: 8593
 Ion Ratio Lower Upper
 113 100
 55 213.7 160.6 200.6#
 56 246.6 115.4 155.4#



#37
 2-Methylnaphthalene
 Concen: 1764.807 ng
 RT: 8.810 min Scan# 1143
 Delta R.T. 0.041 min
 Lab File: BF135086.D
 Acq: 01 Sep 2023 20:21

Tgt Ion:142 Resp: 5524631
 Ion Ratio Lower Upper
 142 100
 141 89.2 70.7 106.1

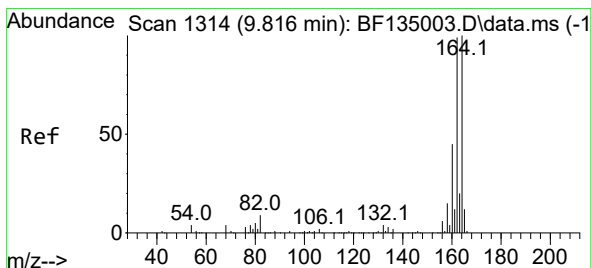
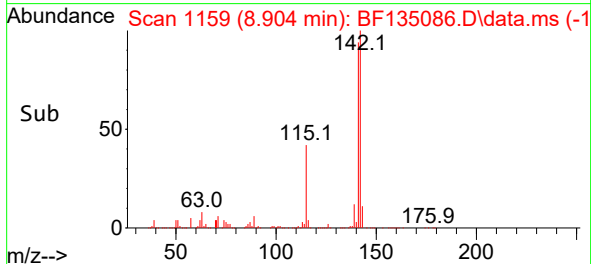
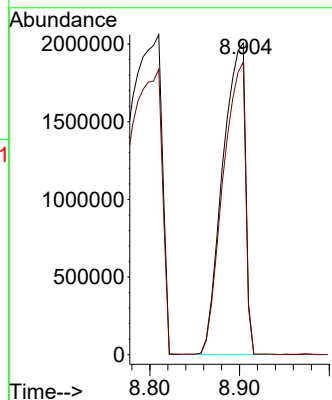
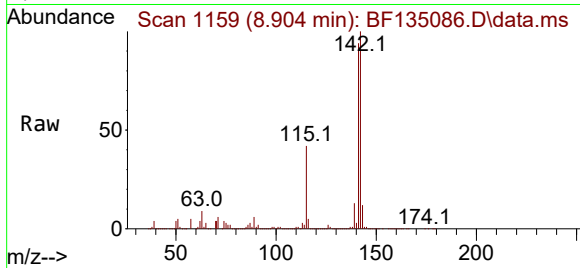




#38
1-Methylnaphthalene
Concen: 1208.256 ng
RT: 8.904 min Scan# 1159
Delta R.T. 0.035 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

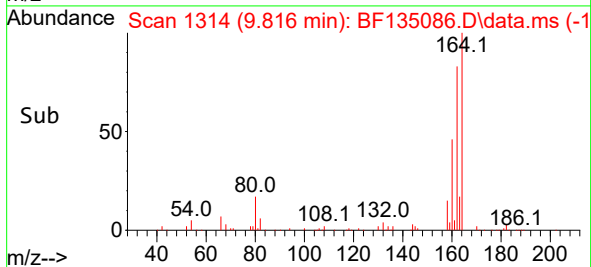
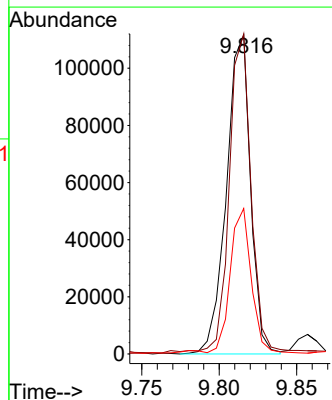
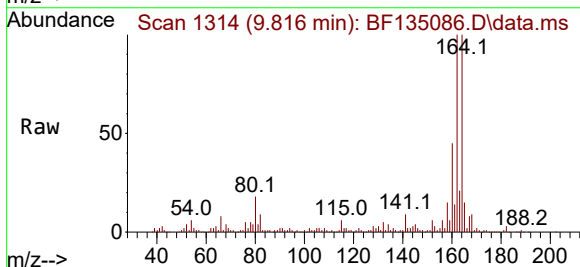
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

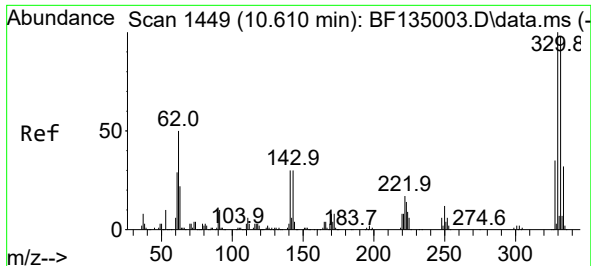
Tgt Ion:142 Resp: 3539078
Ion Ratio Lower Upper
142 100
141 93.9 73.0 109.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:164 Resp: 120781
Ion Ratio Lower Upper
164 100
162 100.3 79.5 119.3
160 45.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 15.244 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

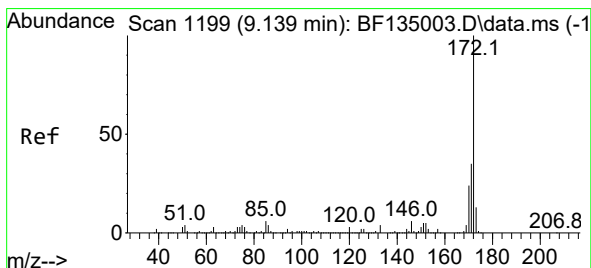
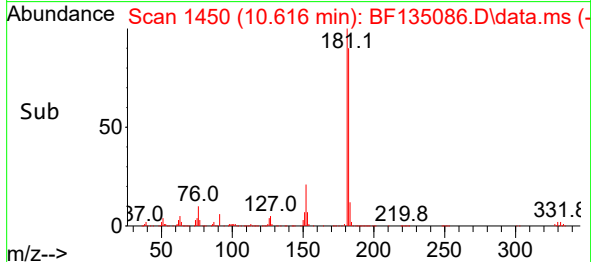
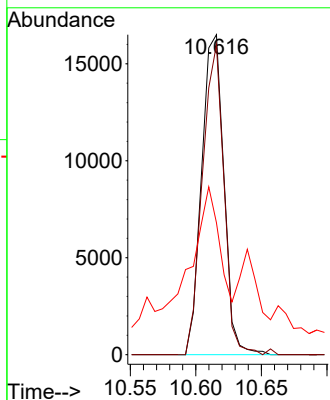
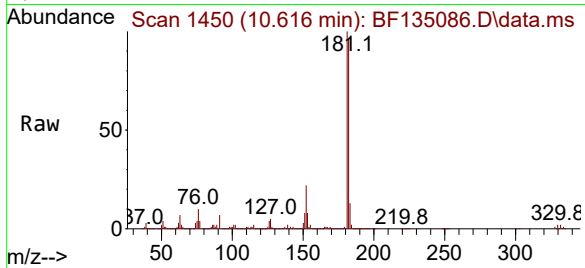
Tgt Ion:330 Resp: 19531

Ion Ratio Lower Upper

330 100

332 93.3 77.6 116.4

141 50.7 26.3 39.5#



#45

2-Fluorobiphenyl

Concen: 13.199 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

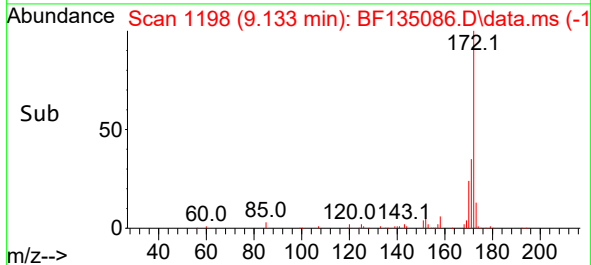
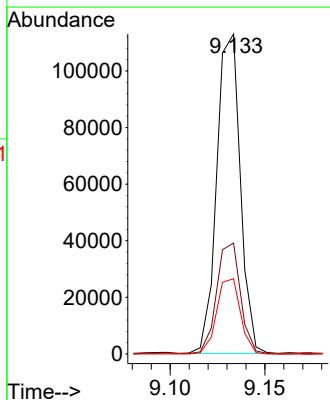
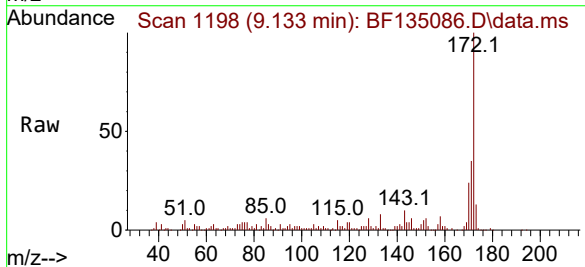
Tgt Ion:172 Resp: 97914

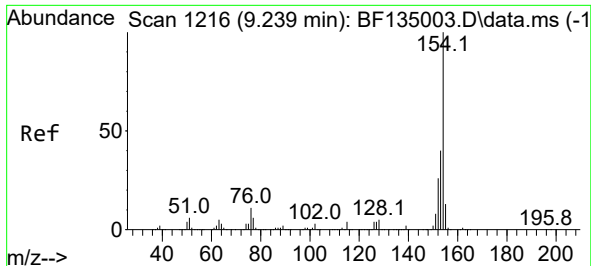
Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.5 19.0 28.4

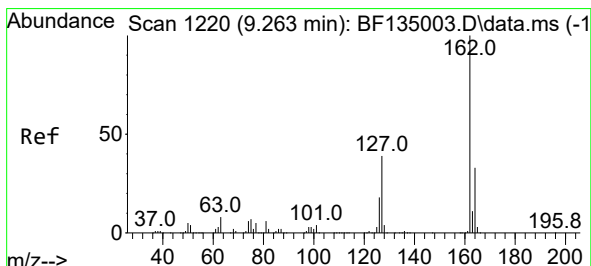
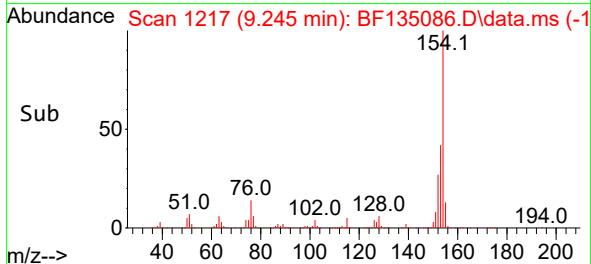
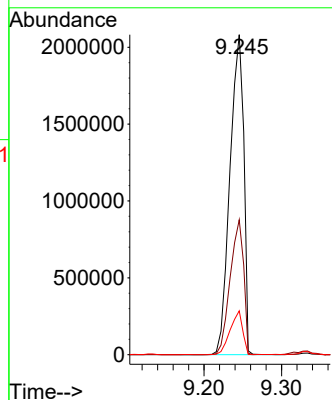
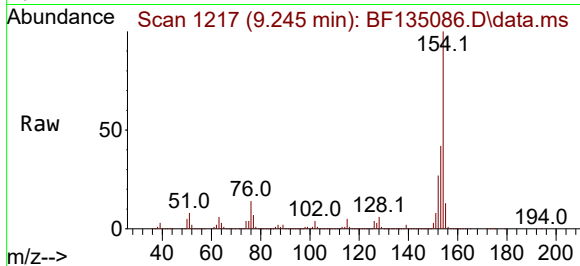




#46
 1,1'-Biphenyl
 Concen: 278.967 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: BF135086.D
 Acq: 01 Sep 2023 20:21

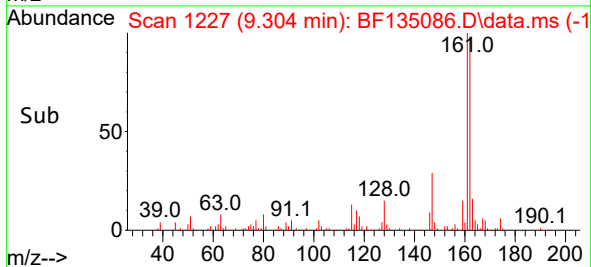
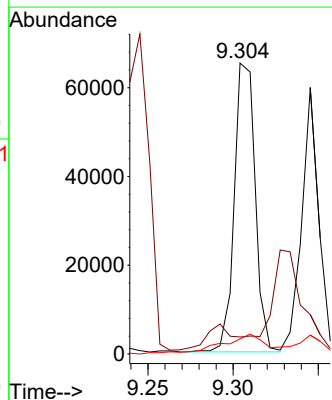
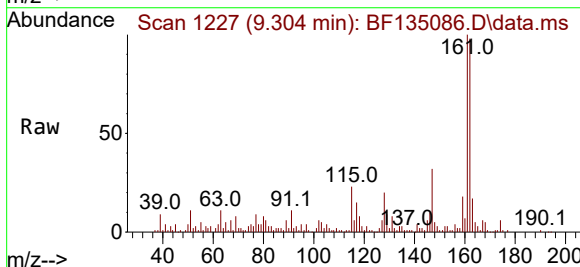
Instrument :
 BNA_F
 ClientSampleId :
 SB-07(14-15)

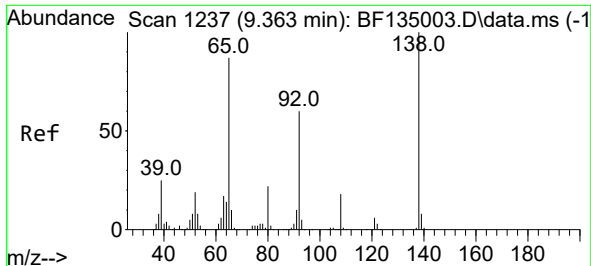
Tgt Ion:154 Resp: 2574285
 Ion Ratio Lower Upper
 154 100
 153 42.1 20.2 60.2
 76 13.7 0.0 31.2



#47
 2-Chloronaphthalene
 Concen: 8.041 ng
 RT: 9.304 min Scan# 1227
 Delta R.T. 0.041 min
 Lab File: BF135086.D
 Acq: 01 Sep 2023 20:21

Tgt Ion:162 Resp: 55798
 Ion Ratio Lower Upper
 162 100
 127 5.8 31.8 47.6#
 164 5.2 26.6 39.8#

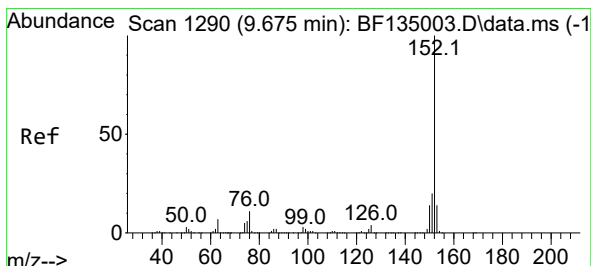
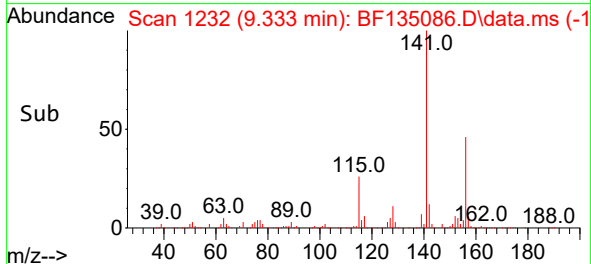
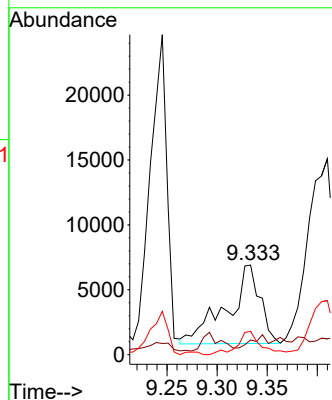
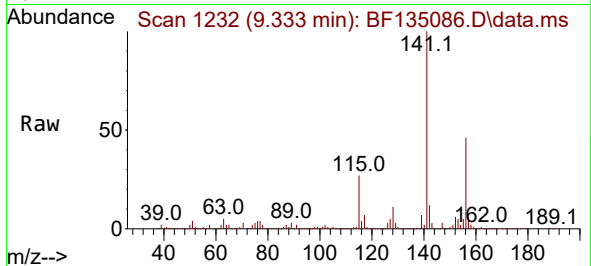




#48
2-Nitroaniline
Concen: 5.877 ng
RT: 9.333 min Scan# 1237
Delta R.T. -0.029 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

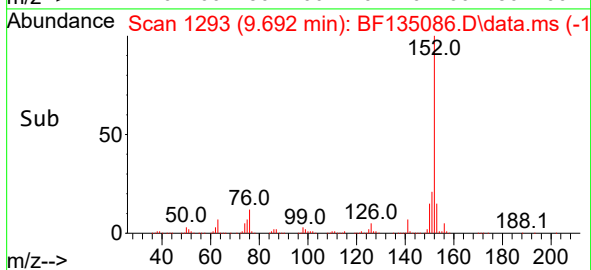
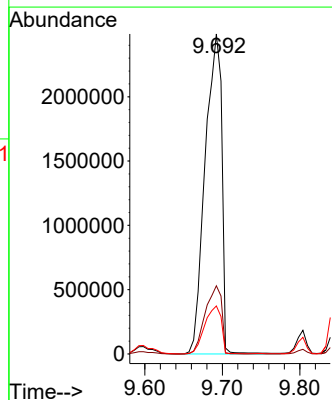
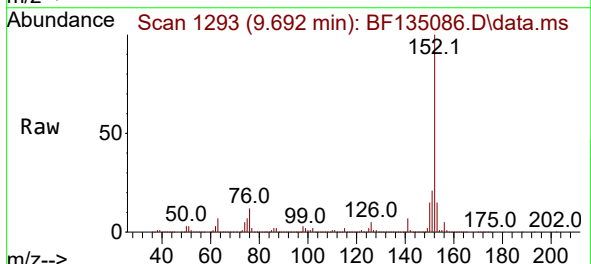
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

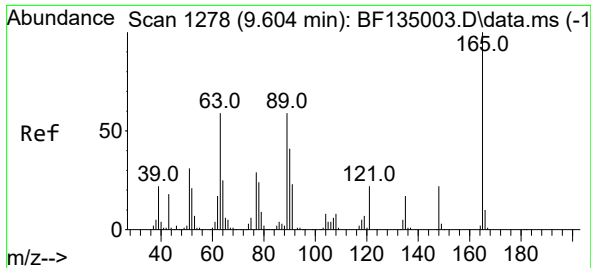
Tgt Ion: 65 Resp: 13960
Ion Ratio Lower Upper
65 100
92 16.3 54.9 82.3#
138 26.1 91.6 137.4#



#49
Acenaphthylene
Concen: 352.747 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.018 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:152 Resp: 3700296
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.4
153 15.0 11.4 17.0





#51

2,6-Dinitrotoluene

Concen: 13.389 ng

RT: 9.510 min Scan# 11

Delta R.T. -0.094 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

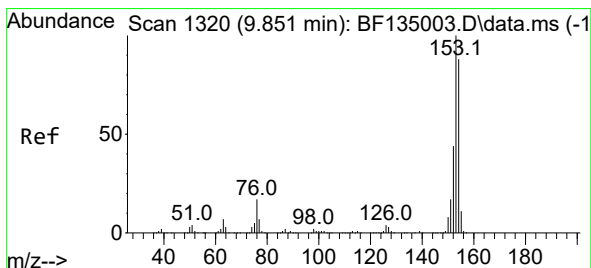
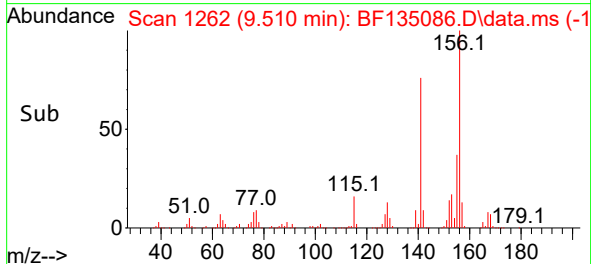
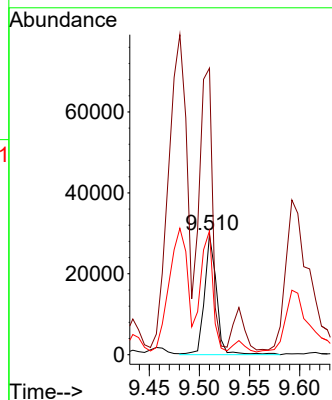
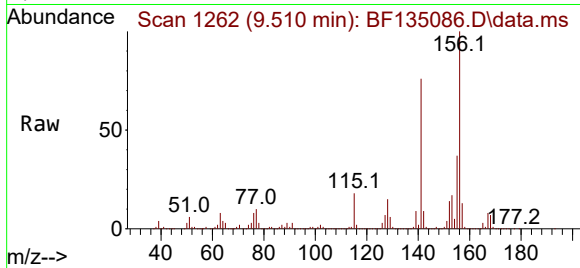
Tgt Ion:165 Resp: 24847

Ion Ratio Lower Upper

165 100

63 238.7 50.4 75.6#

89 103.1 47.1 70.7#



#52

Acenaphthene

Concen: 191.988 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

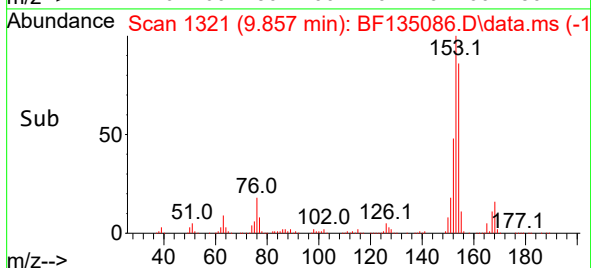
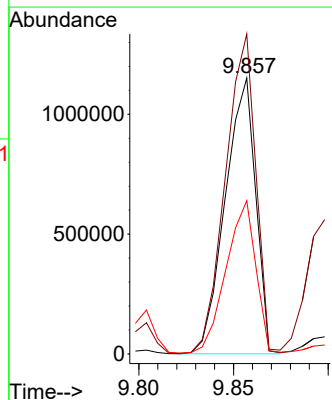
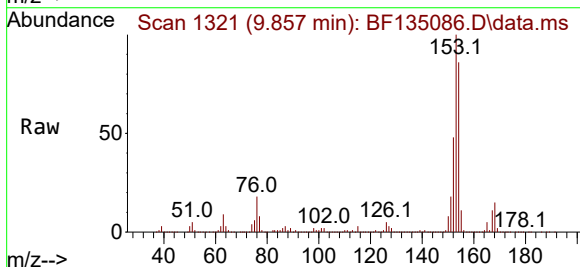
Tgt Ion:154 Resp: 1283427

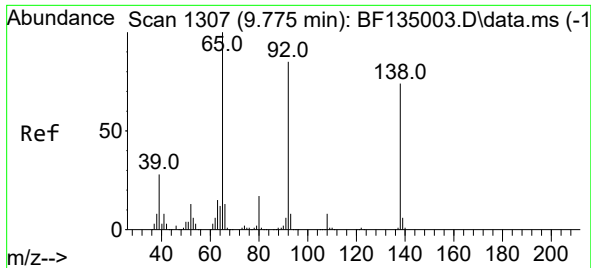
Ion Ratio Lower Upper

154 100

153 115.9 90.8 136.2

152 55.5 40.2 60.4

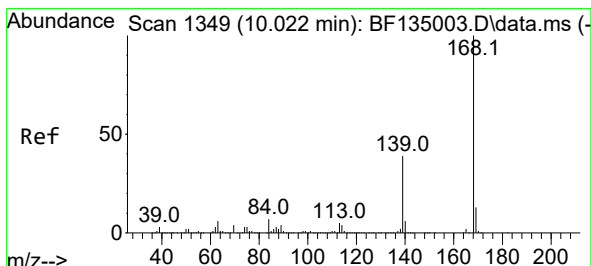
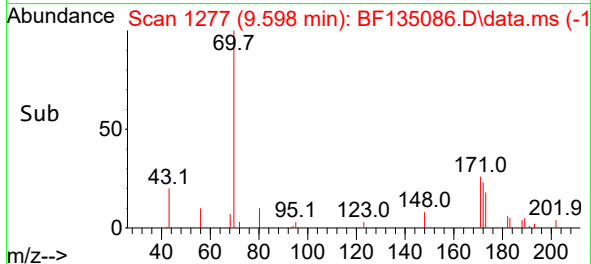
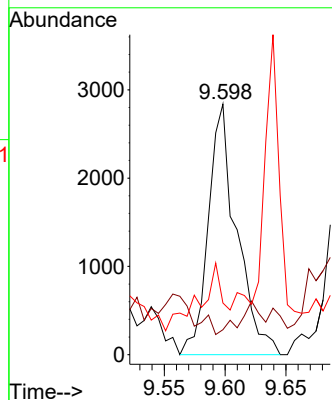
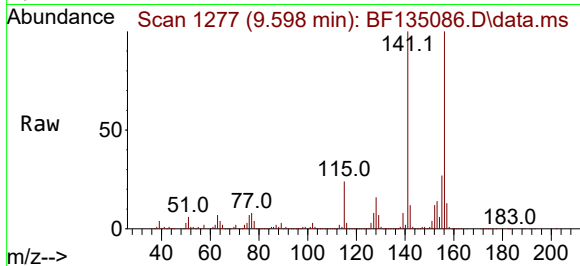




#53
3-Nitroaniline
Concen: 2.128 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.176 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

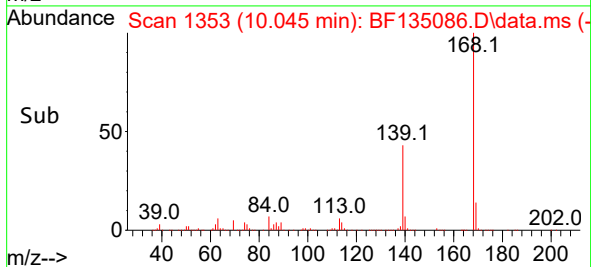
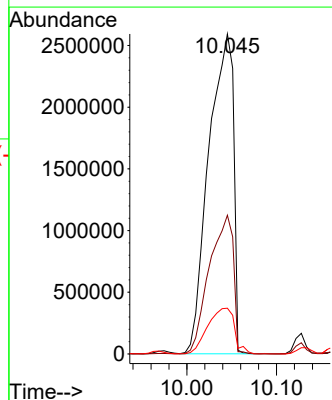
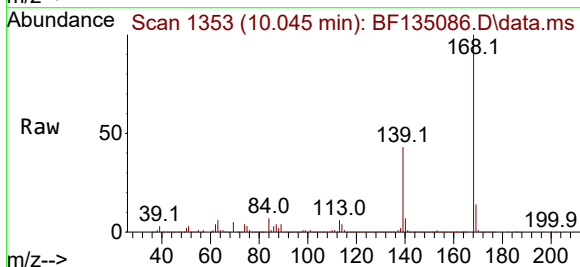
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

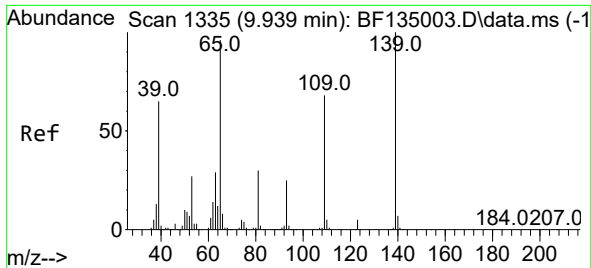
Tgt Ion:138 Resp: 4600
Ion Ratio Lower Upper
138 100
108 9.9 8.6 13.0
92 20.6 92.2 138.4#



#55
Dibenzofuran
Concen: 514.211 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.023 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:168 Resp: 4958654
Ion Ratio Lower Upper
168 100
139 43.4 31.5 47.3
169 14.3 10.7 16.1

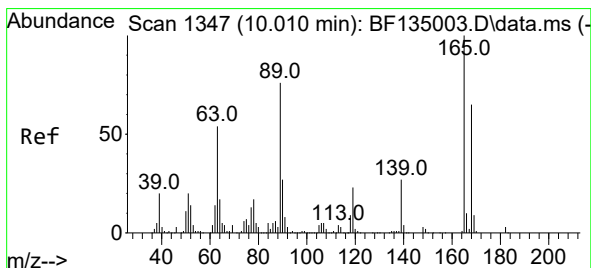
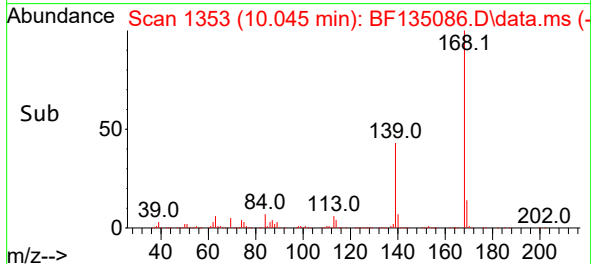
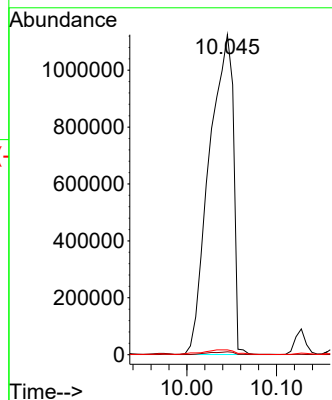
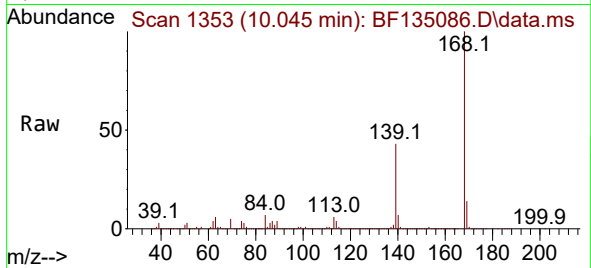




#56
4-Nitrophenol
Concen: 1375.418 ng
RT: 10.045 min Scan# 1353
Delta R.T. 0.106 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

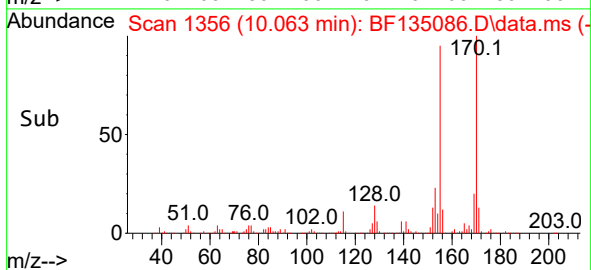
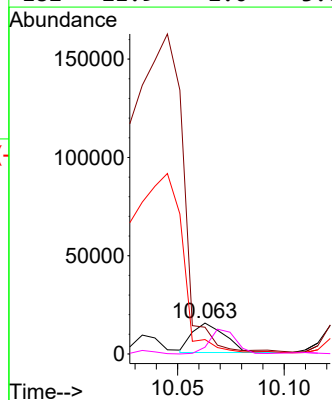
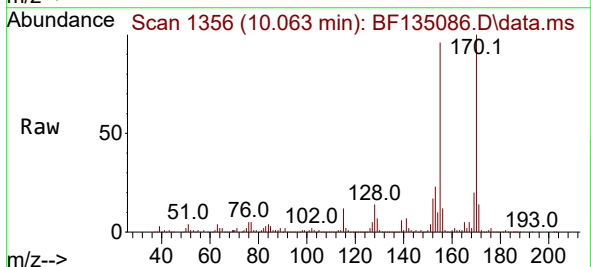
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

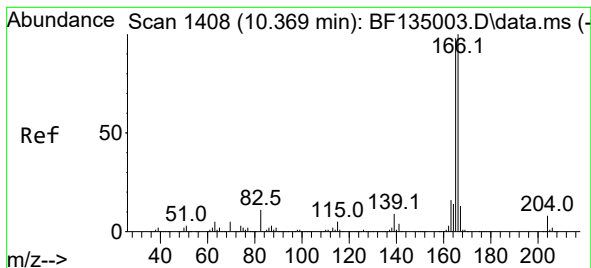
Tgt Ion:139 Resp: 2089998
Ion Ratio Lower Upper
139 100
109 0.9 47.7 87.7#
65 1.5 75.9 115.9#



#57
2,4-Dinitrotoluene
Concen: 6.941 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.053 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:165 Resp: 16051
Ion Ratio Lower Upper
165 100
63 86.6 43.2 64.8#
89 46.7 60.8 91.2#
182 21.9 2.0 3.0#





#58

Fluorene

Concen: 567.414 ng

RT: 10.398 min Scan# 1413

Delta R.T. 0.029 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

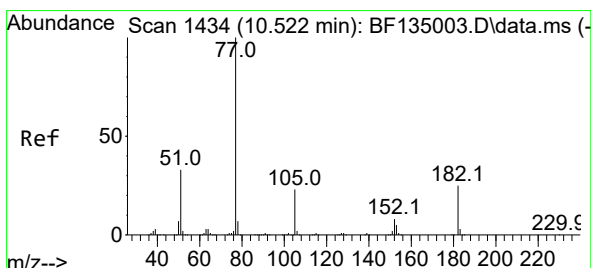
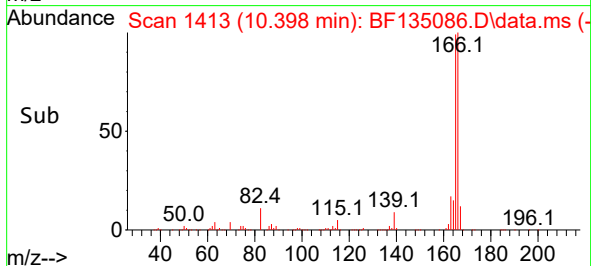
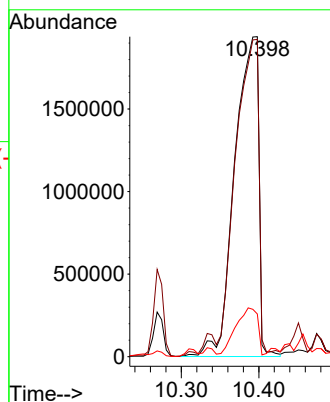
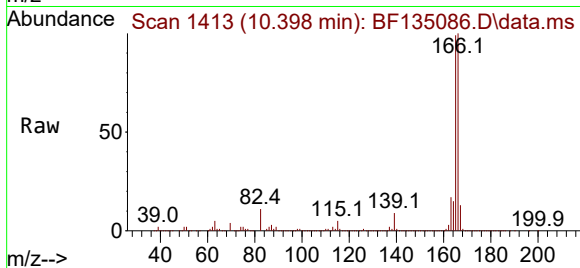
Tgt Ion:166 Resp: 4171464

Ion Ratio Lower Upper

166 100

165 99.2 78.0 117.0

167 13.4 10.8 16.2



#63

Azobenzene

Concen: 4.245 ng

RT: 10.528 min Scan# 1435

Delta R.T. 0.006 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Tgt Ion: 77 Resp: 34032

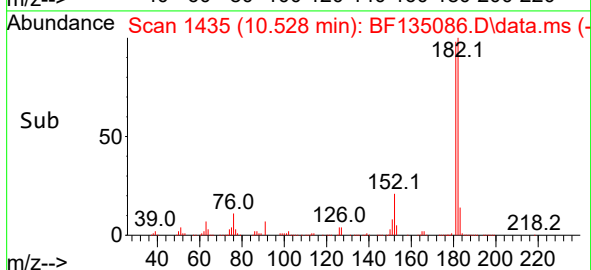
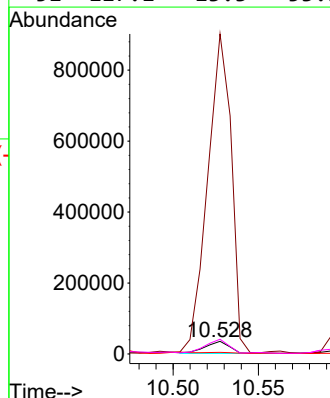
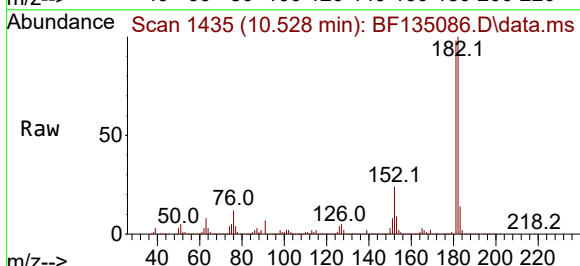
Ion Ratio Lower Upper

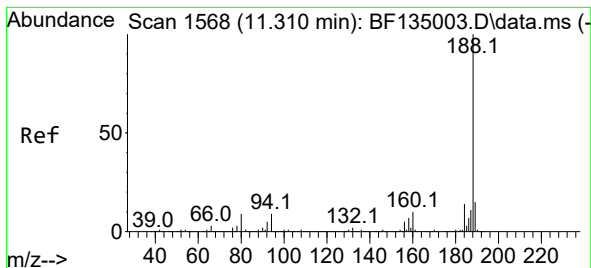
77 100

182 2541.0 4.9 44.9#

105 12.6 2.7 42.7

51 117.1 13.3 53.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. 0.018 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

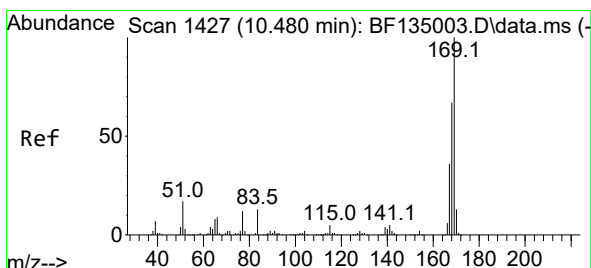
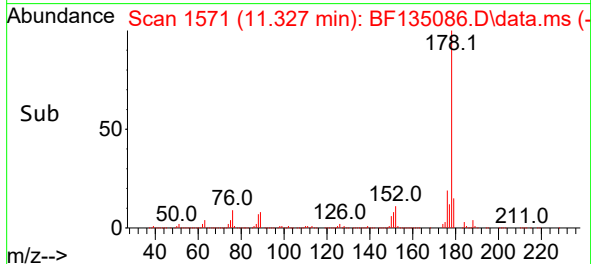
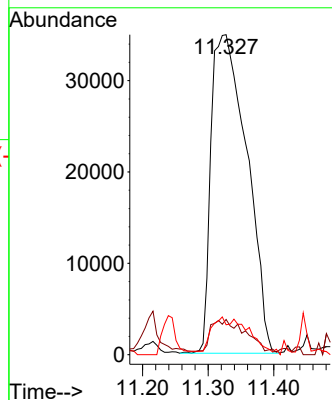
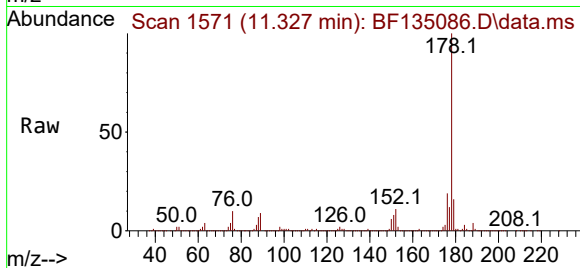
Tgt Ion:188 Resp: 132127

Ion Ratio Lower Upper

188 100

94 11.0 7.0 10.4#

80 9.4 7.4 11.2



#66

n-Nitrosodiphenylamine

Concen: 5.623 ng

RT: 10.480 min Scan# 1427

Delta R.T. 0.000 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

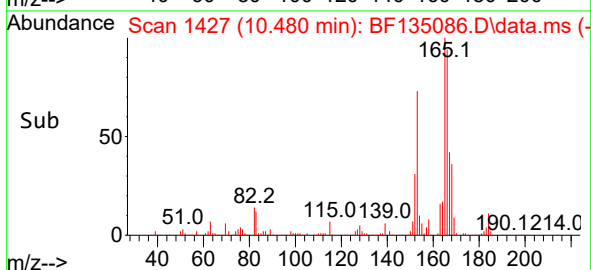
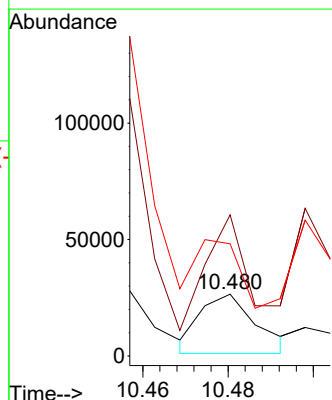
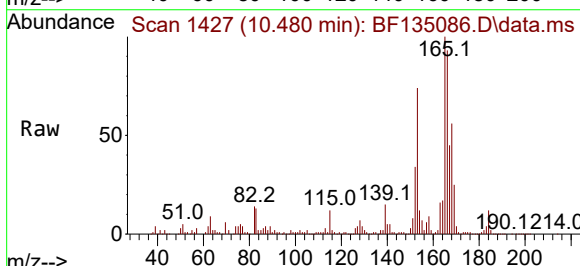
Tgt Ion:169 Resp: 23099

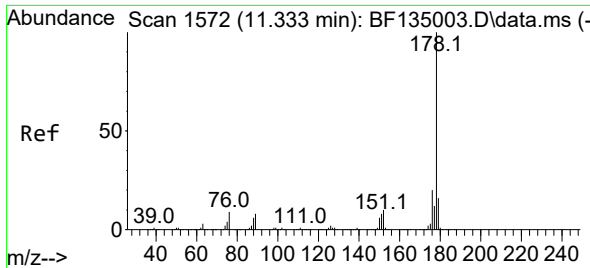
Ion Ratio Lower Upper

169 100

168 228.8 53.4 80.0#

167 181.9 29.0 43.4#

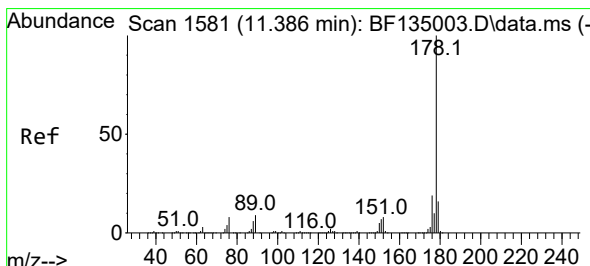
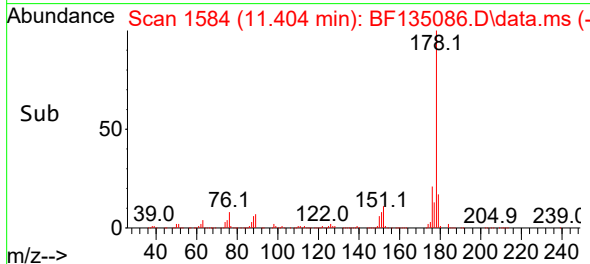
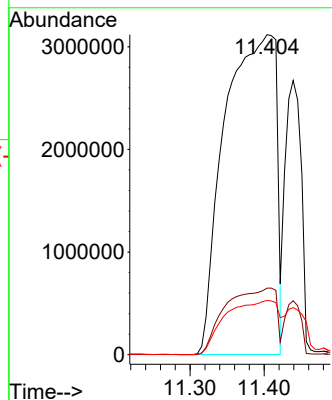
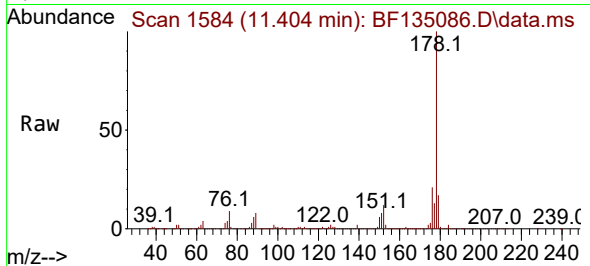




#71
Phenanthrene
Concen: 2203.212 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.071 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

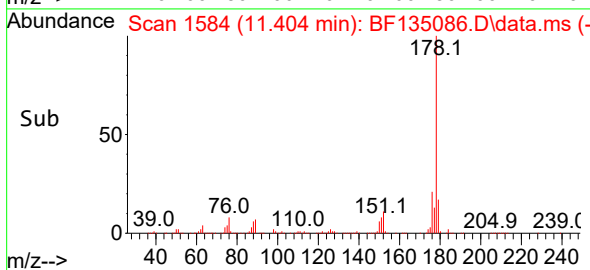
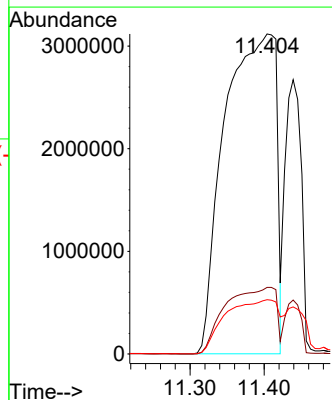
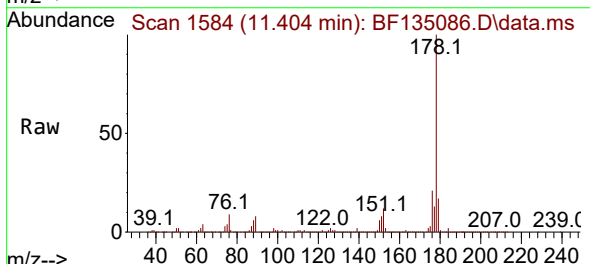
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

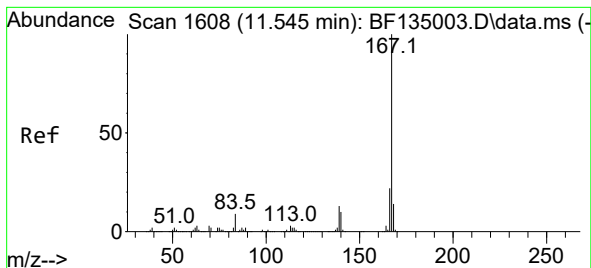
Tgt Ion:178 Resp:15018203
Ion Ratio Lower Upper
178 100
176 20.8 15.9 23.9
179 17.0 12.5 18.7



#72
Anthracene
Concen: 2156.392 ng
RT: 11.404 min Scan# 1584
Delta R.T. 0.018 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:178 Resp:15018203
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.2
179 17.0 12.8 19.2





#73

Carbazole

Concen: 473.503 ng

RT: 11.574 min Scan# 1

Delta R.T. 0.029 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

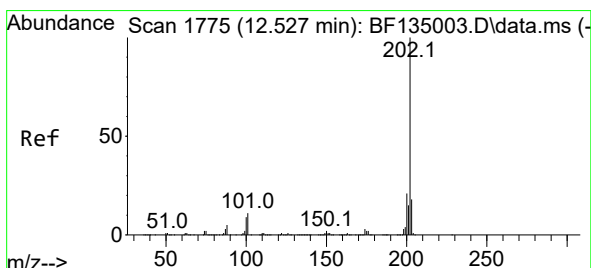
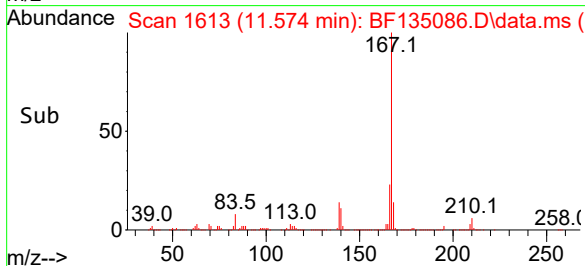
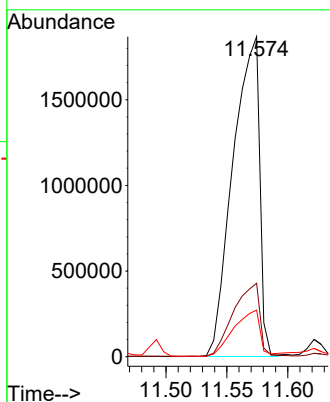
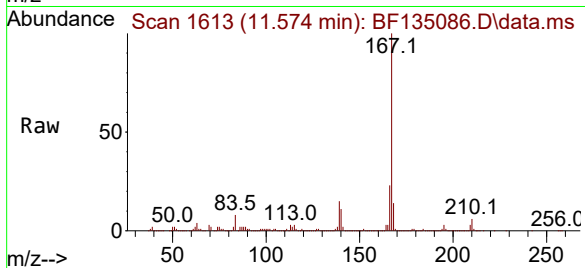
Tgt Ion:167 Resp: 2844317

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.2

139 14.6 10.3 15.5



#75

Fluoranthene

Concen: 1916.159 ng

RT: 12.598 min Scan# 1787

Delta R.T. 0.071 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

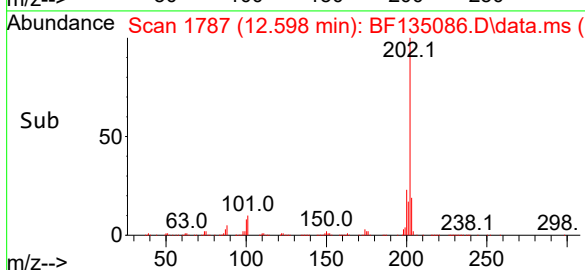
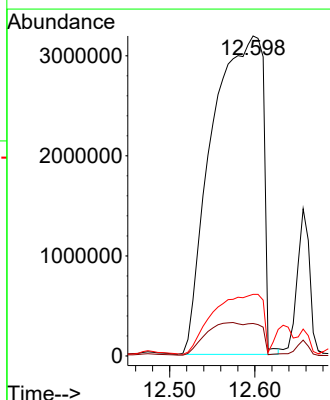
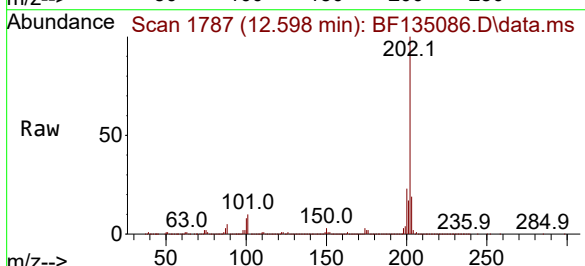
Tgt Ion:202 Resp:13205833

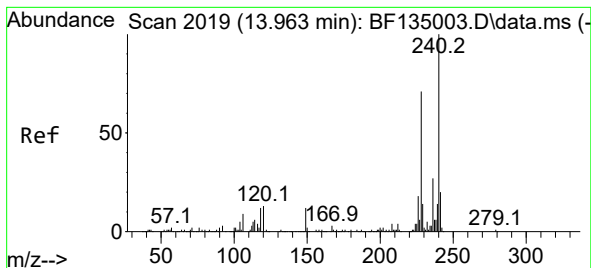
Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.5

203 19.3 0.0 37.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 20

Delta R.T. 0.053 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

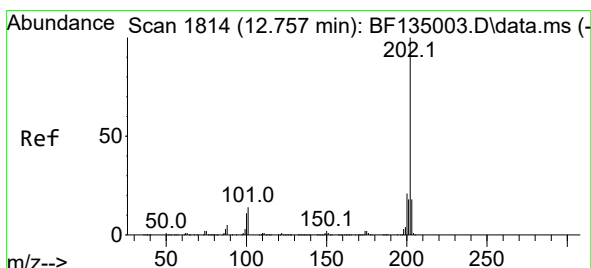
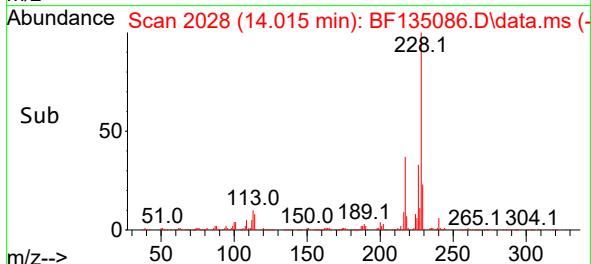
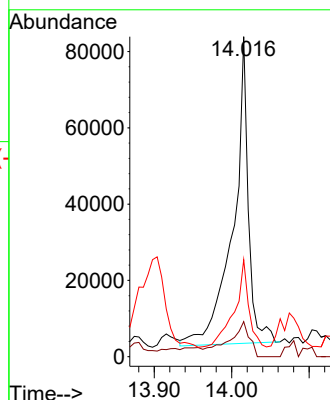
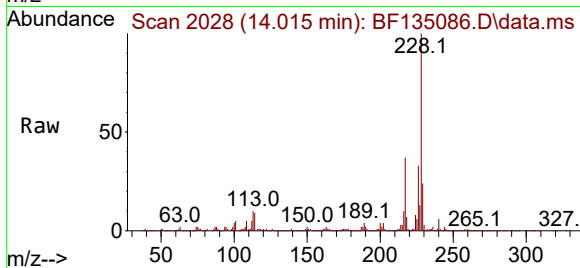
Tgt Ion:240 Resp: 109786

Ion Ratio Lower Upper

240 100

120 11.0 10.2 15.2

236 30.3 21.3 31.9



#78

Pyrene

Concen: 1023.507 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.082 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

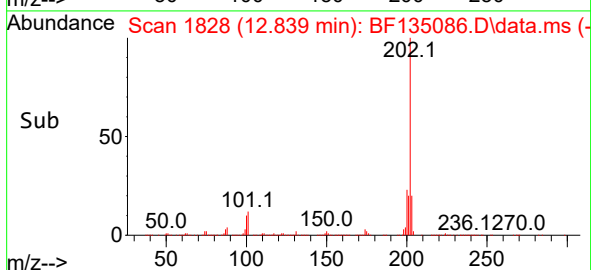
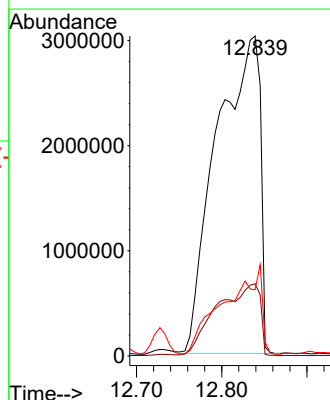
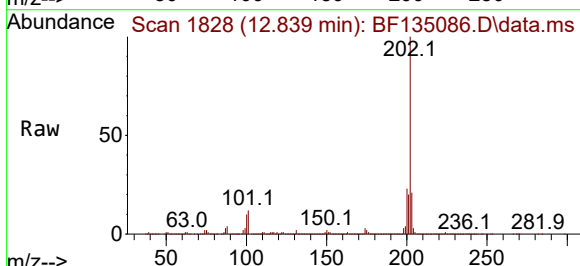
Tgt Ion:202 Resp:10668782

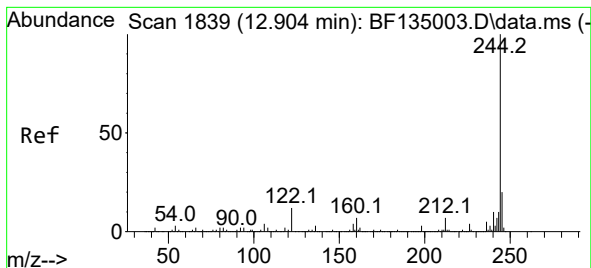
Ion Ratio Lower Upper

202 100

200 22.5 17.0 25.6

203 20.7 14.2 21.2





#79

Terphenyl-d14

Concen: 18.406 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.012 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

Instrument :

BNA_F

ClientSampleId :

SB-07(14-15)

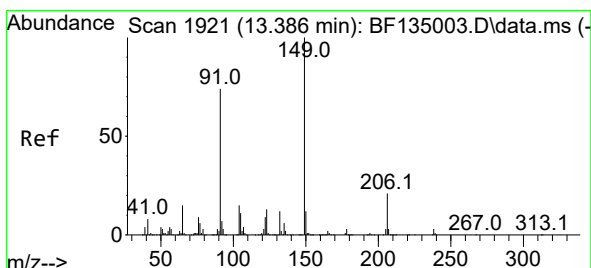
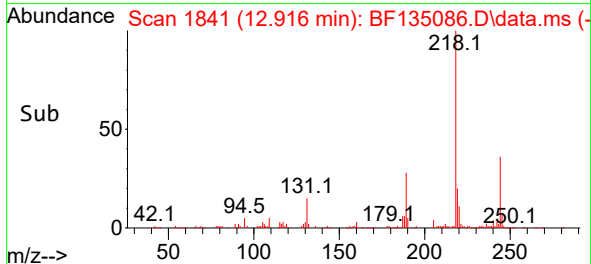
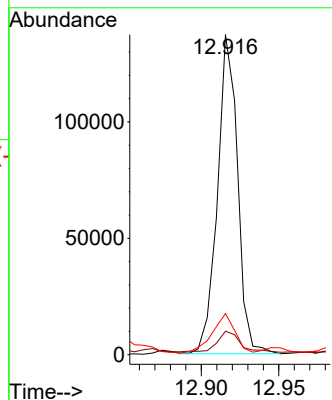
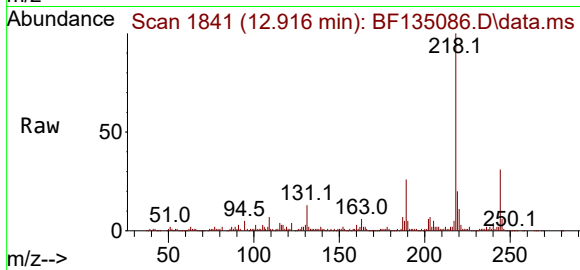
Tgt Ion:244 Resp: 123826

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 12.8 9.8 14.6



#80

Butylbenzylphthalate

Concen: 36.816 ng

RT: 13.439 min Scan# 1930

Delta R.T. 0.053 min

Lab File: BF135086.D

Acq: 01 Sep 2023 20:21

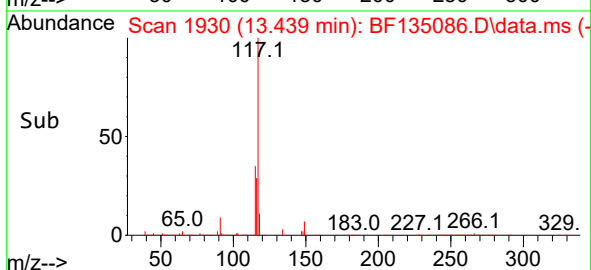
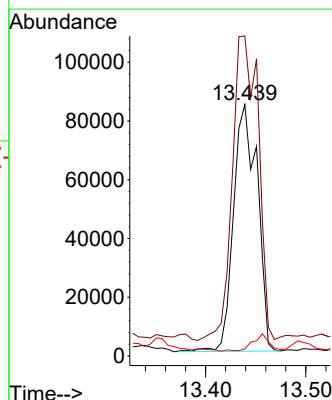
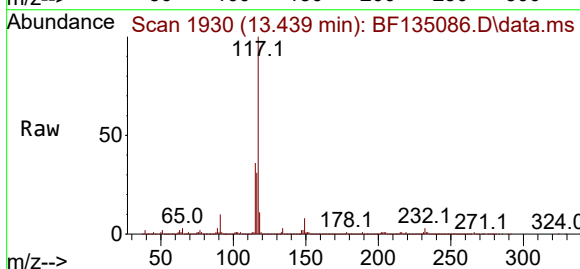
Tgt Ion:149 Resp: 138635

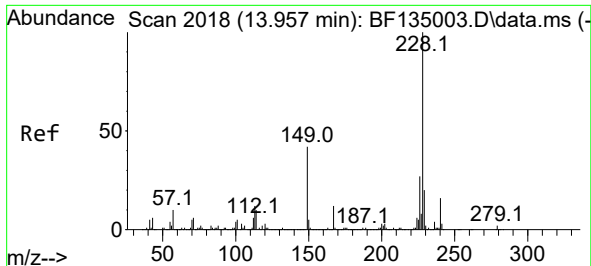
Ion Ratio Lower Upper

149 100

91 127.3 59.0 88.6#

206 2.8 16.7 25.1#

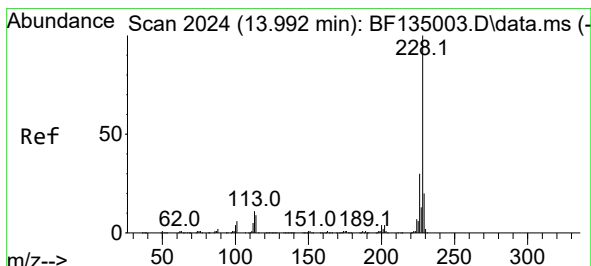
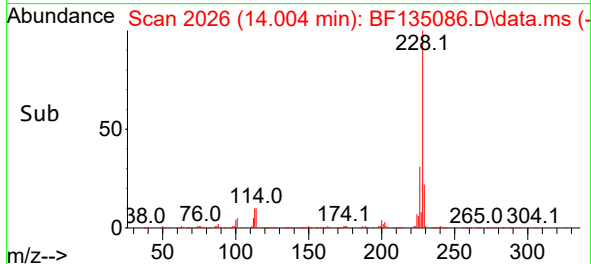
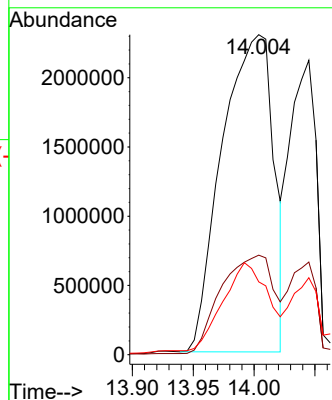
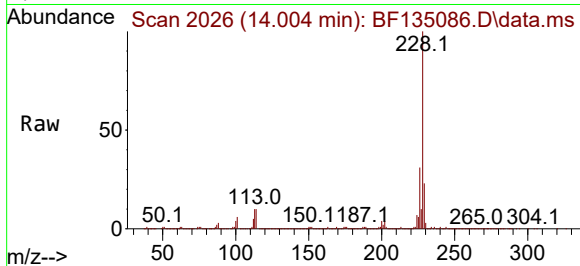




#81
Benzo(a)anthracene
Concen: 903.055 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.047 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

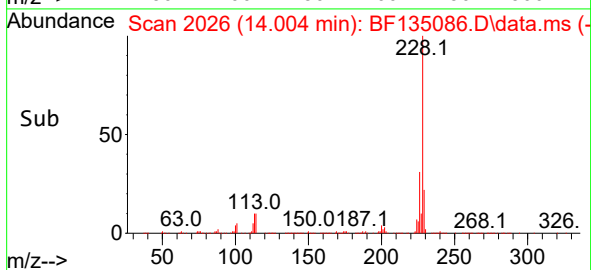
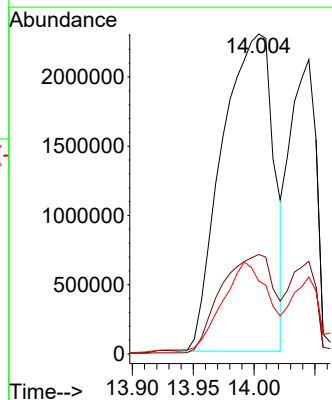
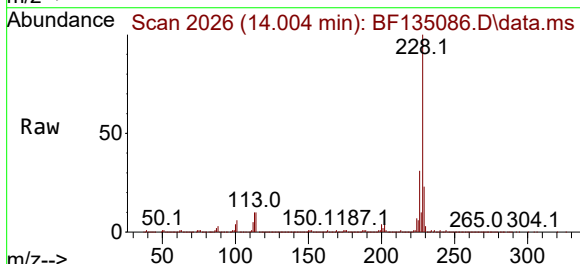
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

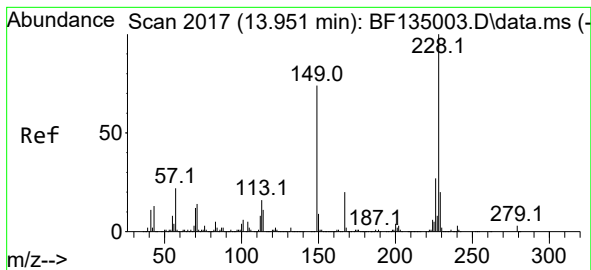
Tgt Ion:228 Resp: 6762897
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 22.8 15.6 23.4



#83
Chrysene
Concen: 918.896 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.012 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:228 Resp: 6762897
Ion Ratio Lower Upper
228 100
226 31.1 24.2 36.4
229 22.8 15.9 23.9

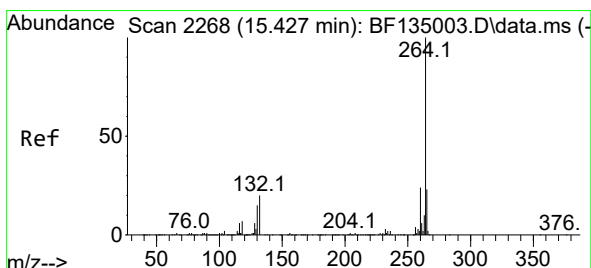
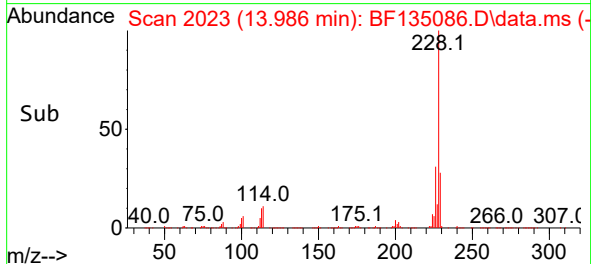
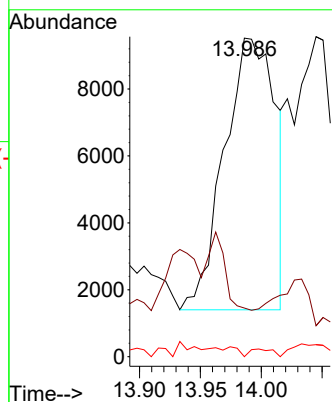
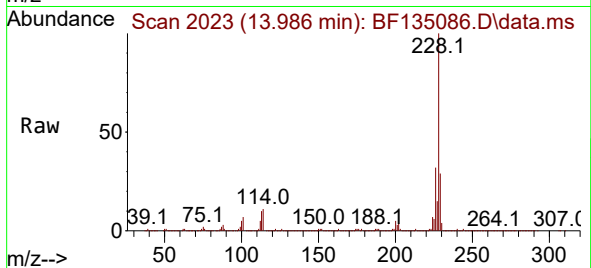




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.062 ng
RT: 13.986 min Scan# 2017
Delta R.T. 0.035 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

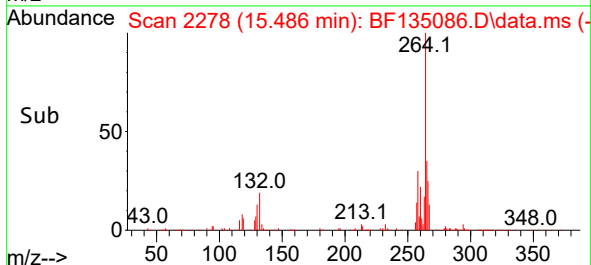
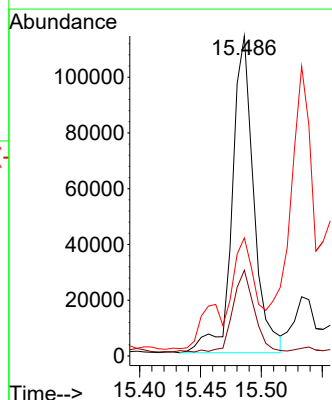
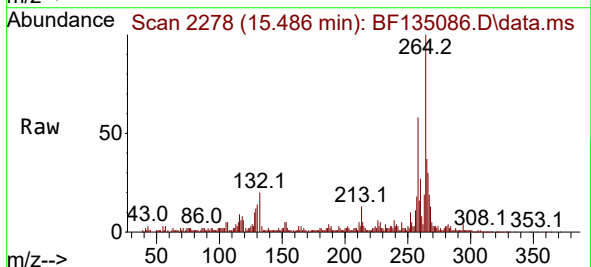
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

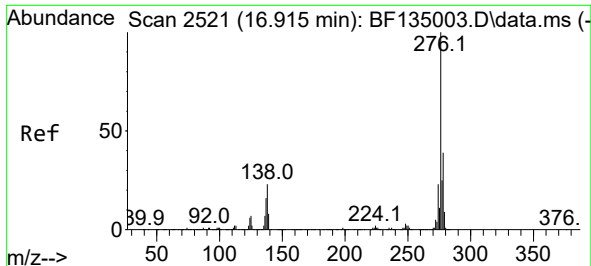
Tgt Ion:149 Resp: 23624
Ion Ratio Lower Upper
149 100
167 15.3 21.4 32.0#
279 0.0 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2278
Delta R.T. 0.059 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:264 Resp: 139982
Ion Ratio Lower Upper
264 100
260 26.8 19.0 28.6
265 36.9 18.2 27.2#

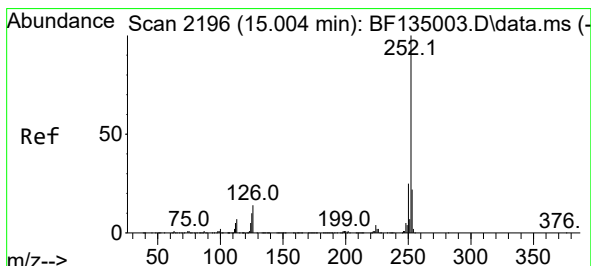
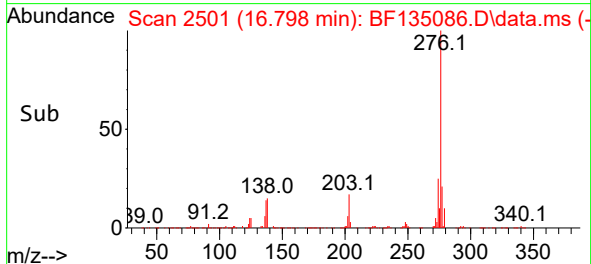
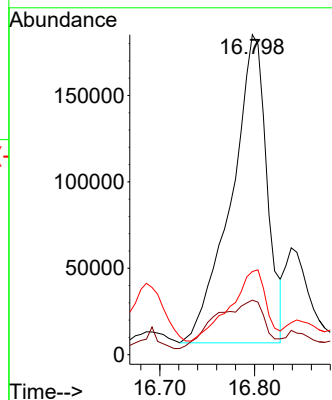
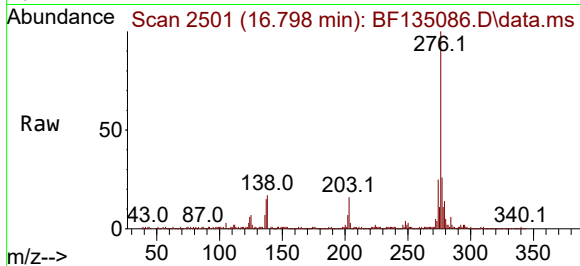




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.655 ng
RT: 16.798 min Scan# 21
Delta R.T. -0.118 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

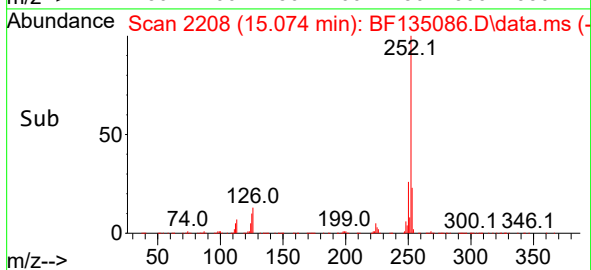
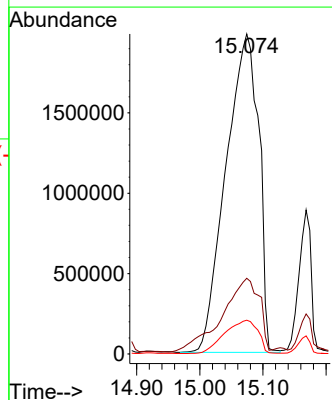
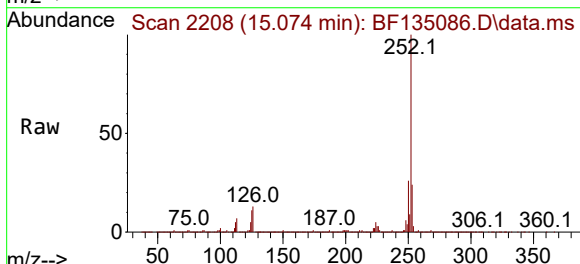
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

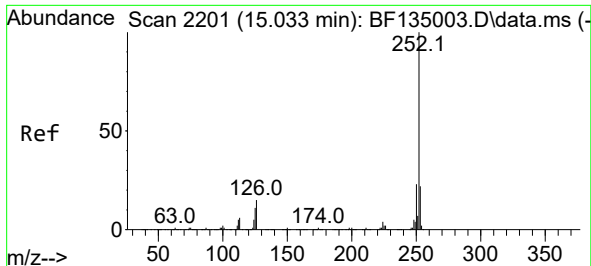
Tgt Ion:276 Resp: 468187
Ion Ratio Lower Upper
276 100
138 21.5 20.2 30.2
277 22.9 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 819.577 ng
RT: 15.074 min Scan# 2208
Delta R.T. 0.071 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:252 Resp: 7138457
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 10.6 8.4 12.6

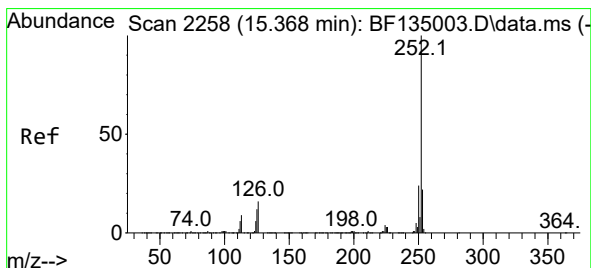
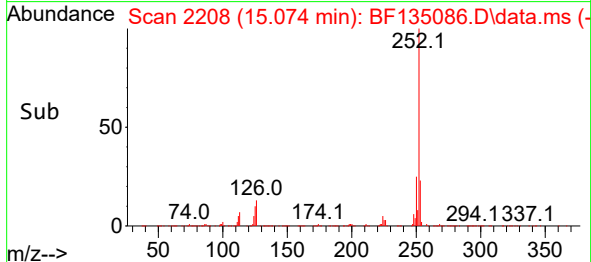
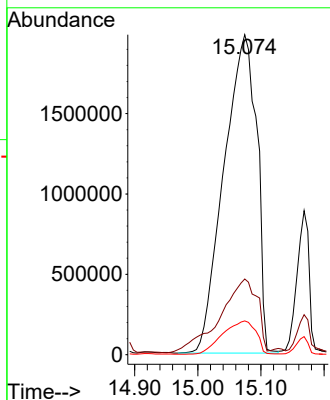
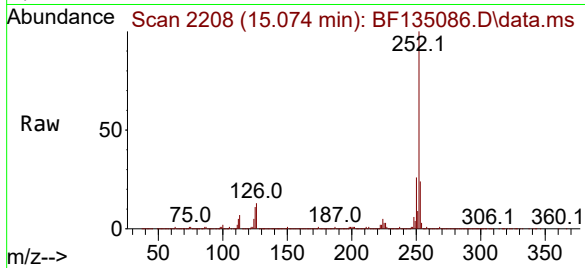




#89
Benzo(k)fluoranthene
Concen: 848.348 ng
RT: 15.074 min Scan# 21
Delta R.T. 0.041 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

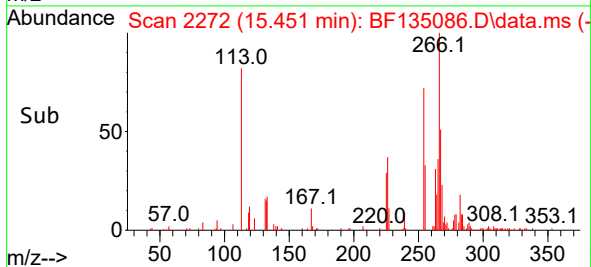
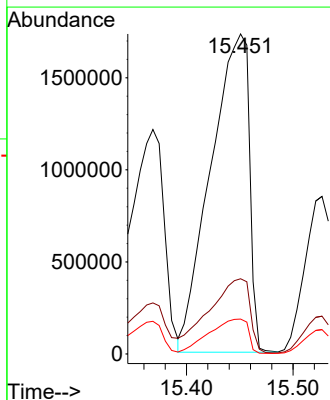
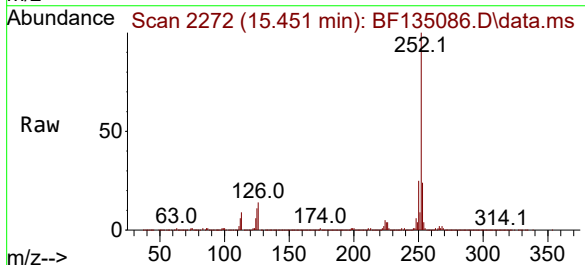
Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

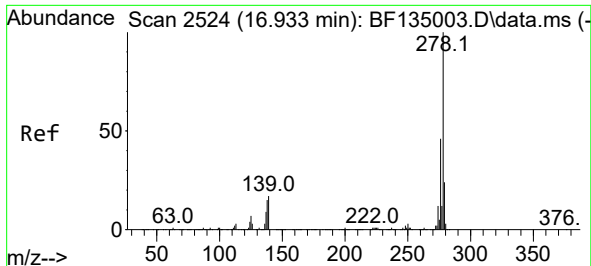
Tgt Ion:252 Resp: 7138457
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 10.6 8.5 12.7



#90
Benzo(a)pyrene
Concen: 537.482 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.082 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:252 Resp: 4348873
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.0
125 10.9 9.5 14.3

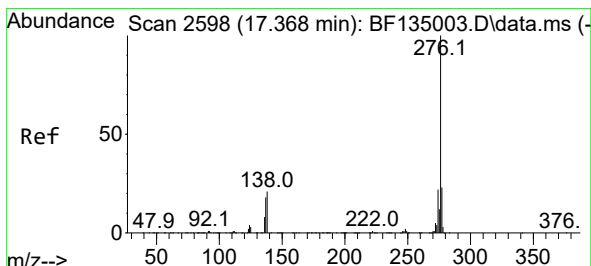
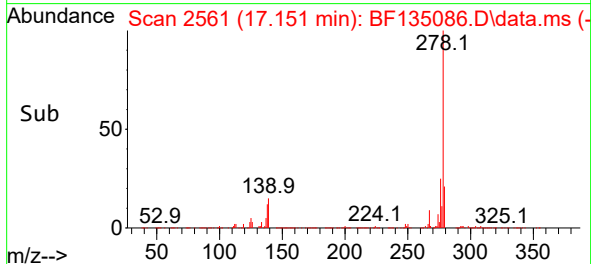
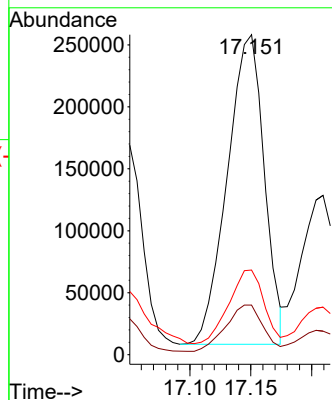
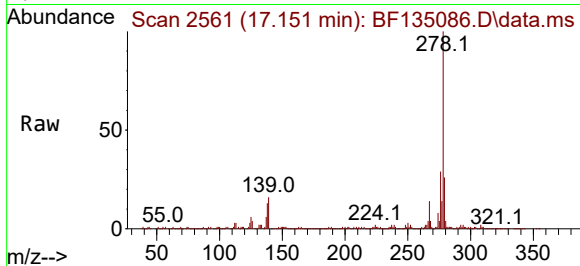




#91
Dibenzo(a,h)anthracene
Concen: 69.026 ng
RT: 17.151 min Scan# 21
Delta R.T. 0.218 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Instrument :
BNA_F
ClientSampleId :
SB-07(14-15)

Tgt Ion:278 Resp: 527115
Ion Ratio Lower Upper
278 100
139 15.5 13.4 20.2
279 26.4 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 319.849 ng
RT: 17.474 min Scan# 2616
Delta R.T. 0.106 min
Lab File: BF135086.D
Acq: 01 Sep 2023 20:21

Tgt Ion:276 Resp: 2540380
Ion Ratio Lower Upper
276 100
277 25.2 18.5 27.7
138 20.2 17.1 25.7

