

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133582.D
 Acq On : 05 Jun 2023 23:52
 Operator : CG\JU
 Sample : 02983-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB07

Quant Time: Jun 06 01:09:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	128322	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	454637	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	200210	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	374277	20.000	ng	0.00
76) Chrysene-d12	14.015	240	173301	20.000	ng	0.01
86) Perylene-d12	15.480	264	174259	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	455064	59.168	ng	0.00
7) Phenol-d6	6.451	99	540588	57.098	ng	0.00
23) Nitrobenzene-d5	7.392	82	314946	46.253	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	120278	60.268	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	568168	43.801	ng	0.00
79) Terphenyl-d14	12.951	244	524072	53.767	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	1547	Below Cal	#	59
19) n-Nitroso-di-n-propyla...	7.392	70	43125	7.040	ng	# 78
25) Isophorone	7.392	82	313521	19.756	ng	# 65
31) Naphthalene	8.134	128	87906	3.988	ng	96
32) Benzoic acid	7.898	122	1087	7.556	ng	# 50
37) 2-Methylnaphthalene	8.828	142	51391	3.415	ng	100
38) 1-Methylnaphthalene	8.928	142	42486	3.029	ng	98
48) 2-Nitroaniline	9.386	65	516	4.116	ng	# 22
49) Acenaphthylene	9.733	152	236736	11.768	ng	99
51) 2,6-Dinitrotoluene	9.563	165	1108	4.065	ng	# 1
52) Acenaphthene	9.904	154	187337	15.373	ng	100
53) 3-Nitroaniline	9.828	138	489	3.316	ng	# 53
54) 2,4-Dinitrophenol	10.133	184	76	6.586	ng	# 1
55) Dibenzofuran	10.075	168	186506	10.287	ng	# 97
57) 2,4-Dinitrotoluene	10.028	165	4829	6.056	ng	# 44
58) Fluorene	10.422	166	320723	24.145	ng	99
62) 4-Nitroaniline	10.480	138	647	3.164	ng	95
65) 4,6-Dinitro-2-methylph...	10.475	198	148	8.791	ng	# 1
71) Phenanthrene	11.398	178	2444225	128.936	ng	99
72) Anthracene	11.439	178	996753	51.089	ng	100
73) Carbazole	11.586	167	83194	4.509	ng	96
75) Fluoranthene	12.598	202	3995143	190.797	ng	96
78) Pyrene	12.827	202	3461160	234.700	ng	98
81) Benzo(a)anthracene	14.004	228	1669342	144.598	ng	97
83) Chrysene	14.045	228	1383026	118.668	ng	95
87) Indeno(1,2,3-cd)pyrene	16.780	276	113708	10.244	ng	95
88) Benzo(b)fluoranthene	15.062	252	1958490	172.596	ng	97
89) Benzo(k)fluoranthene	15.062	252	1957423	176.912	ng	97
90) Benzo(a)pyrene	15.427	252	1065844	103.226	ng	96
91) Dibenzo(a,h)anthracene	17.115	278	130888	14.544	ng	95
92) Benzo(g,h,i)perylene	17.386	276	498206	54.901	ng	99

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

BNA F

BNA F

ClientSampleId :

SB07

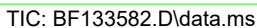
Quant Time: Jun 06 01:09:02 2023

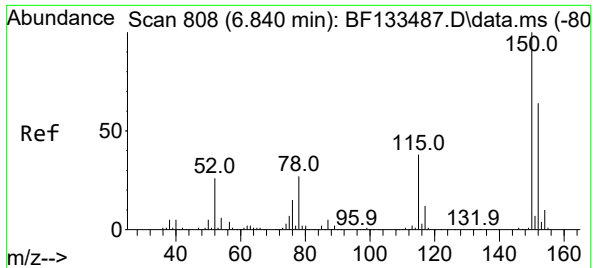
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 05 17:49:53 2023

Response via : Initial Calibration

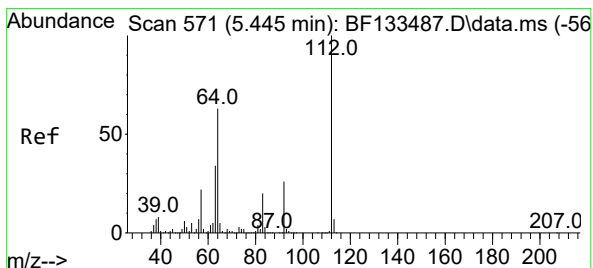
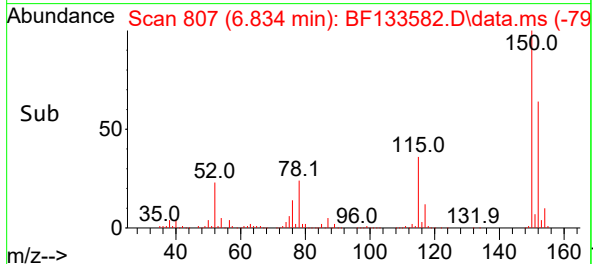
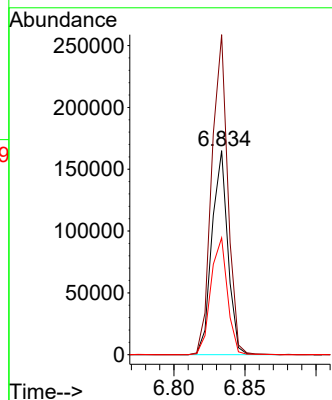
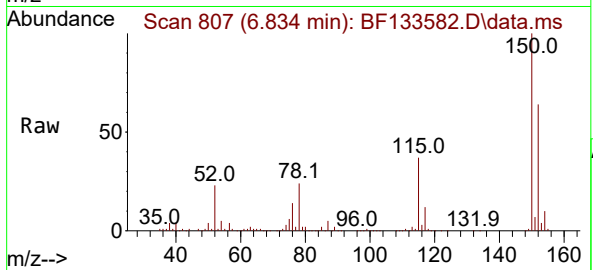




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

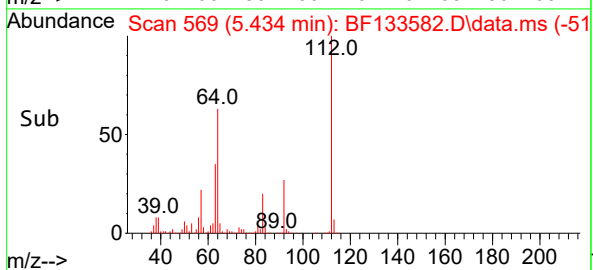
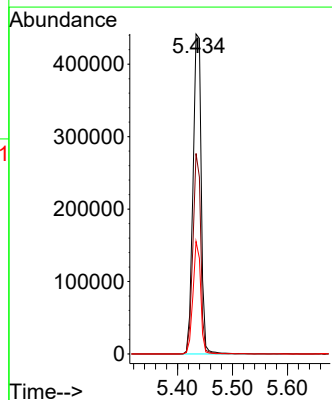
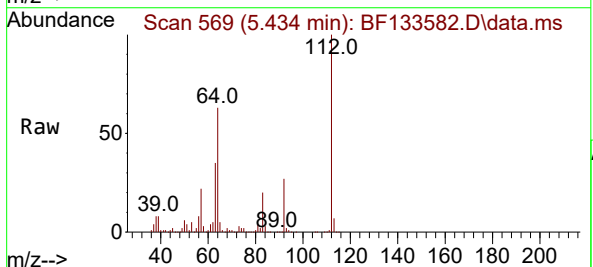
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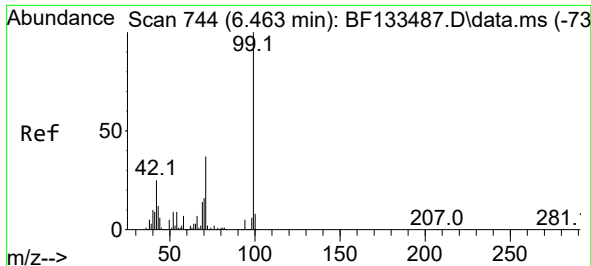
Tgt Ion:152 Resp: 128322
Ion Ratio Lower Upper
152 100
150 156.8 124.9 187.3
115 57.3 48.1 72.1



#5
2-Fluorophenol
Concen: 59.168 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:112 Resp: 455064
Ion Ratio Lower Upper
112 100
64 62.6 50.1 75.1
63 35.2 27.5 41.3

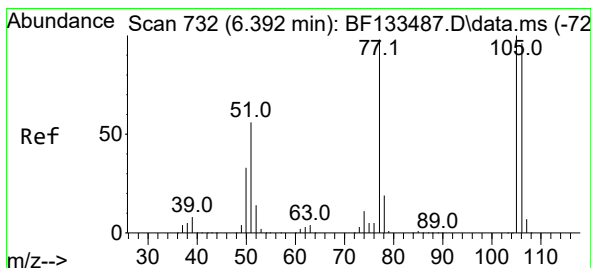
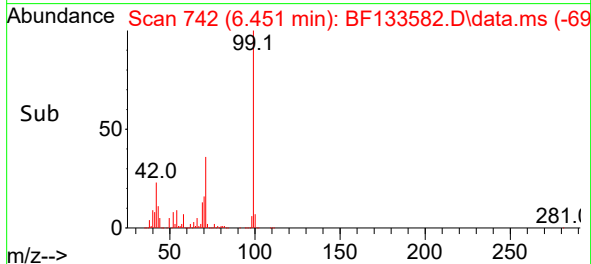
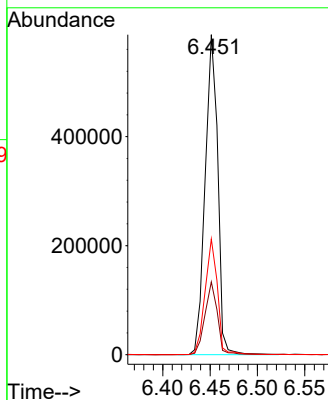
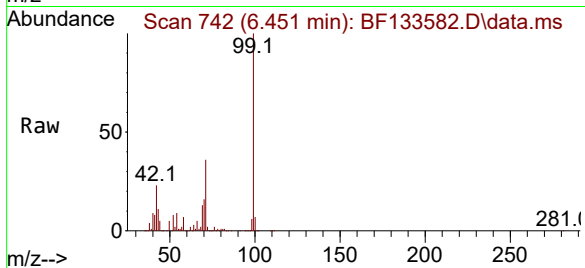




#7
Phenol-d6
Concen: 57.098 ng
RT: 6.451 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

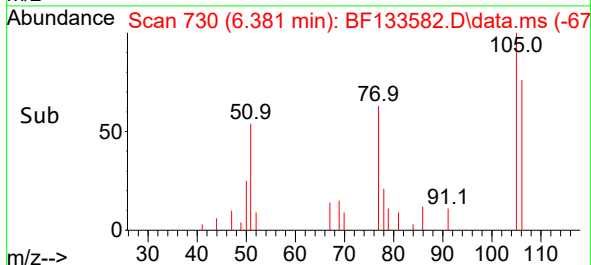
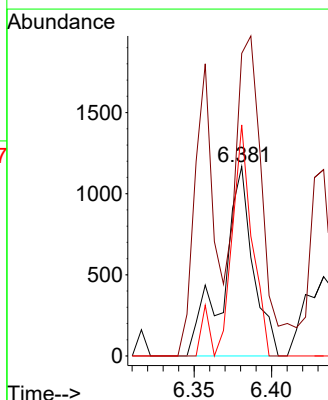
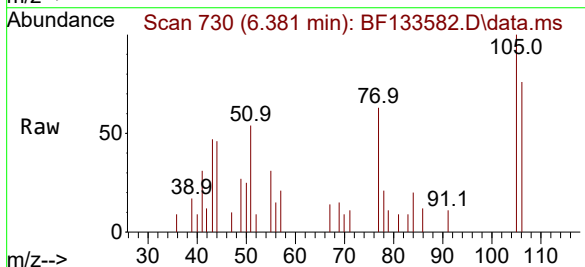
Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 540588
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 36.1 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion: 77 Resp: 1547
Ion Ratio Lower Upper
77 100
105 159.7 81.9 121.9#
106 121.9 77.8 117.8#

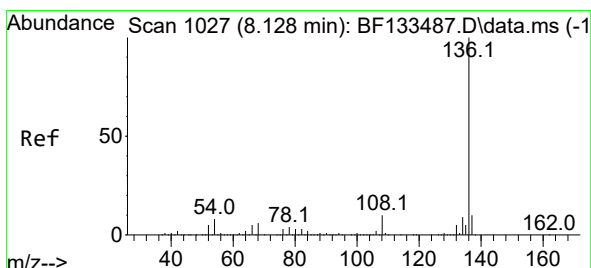
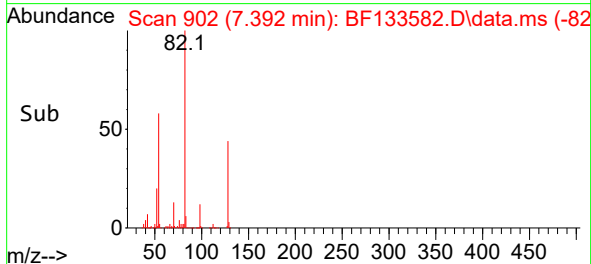
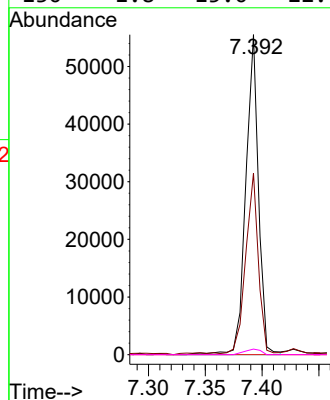
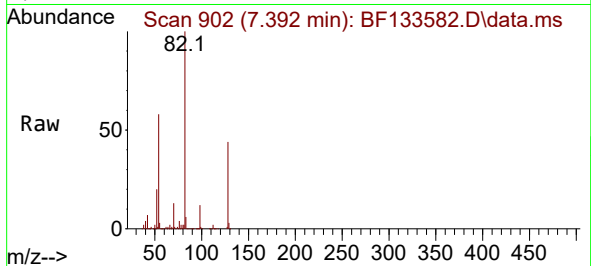




#19
n-Nitroso-di-n-propylamine
Concen: 7.040 ng
RT: 7.392 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

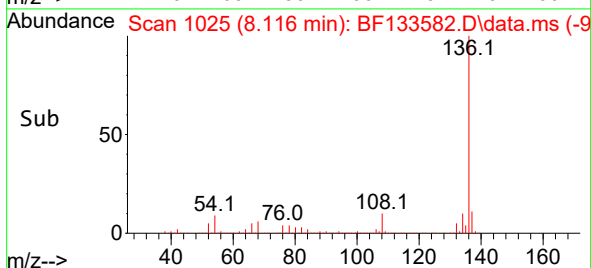
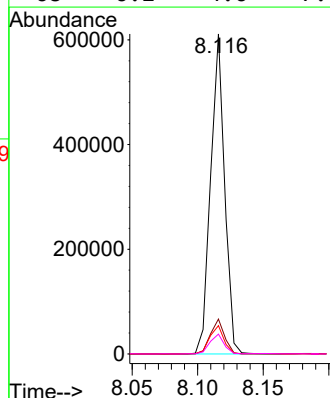
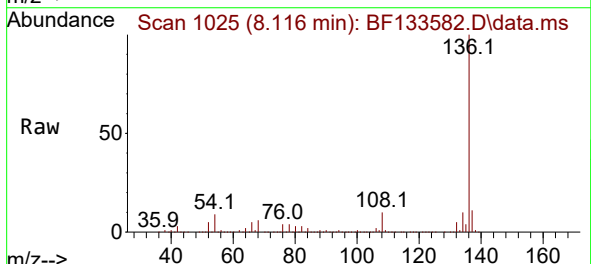
Instrument :
BNA_F
ClientSampleId :
SB07

Tgt Ion: 70 Resp: 43125
Ion Ratio Lower Upper
70 100
42 56.8 57.2 85.8#
101 0.0 7.3 10.9#
130 1.8 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion: 136 Resp: 454637
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.4
54 8.8 6.6 10.0
68 6.2 4.6 7.0





#23

Nitrobenzene-d5

Concen: 46.253 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.006 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

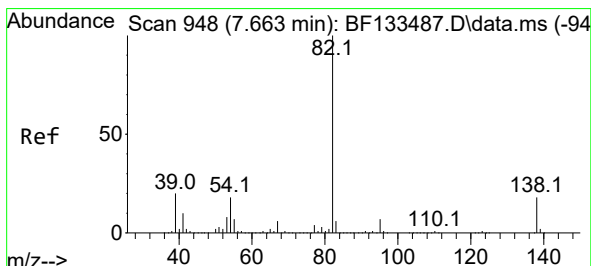
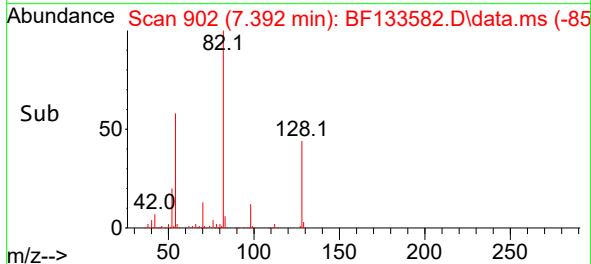
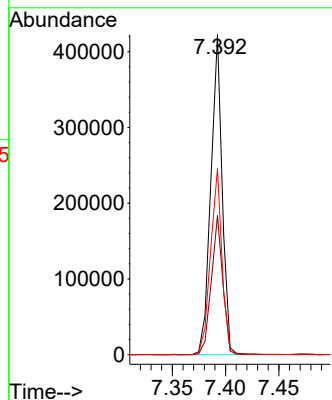
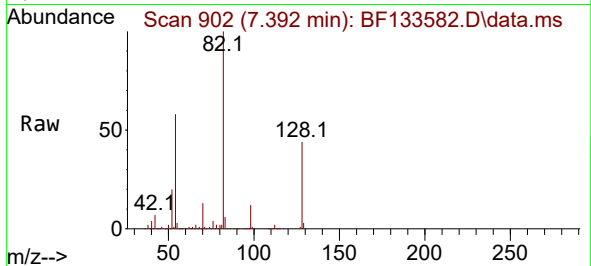
Tgt Ion: 82 Resp: 314946

Ion Ratio Lower Upper

82 100

128 43.5 34.2 51.4

54 58.1 48.2 72.4



#25

Isophorone

Concen: 19.756 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.265 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

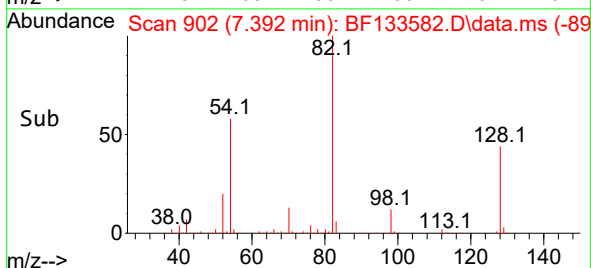
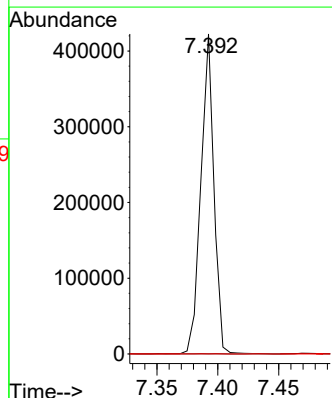
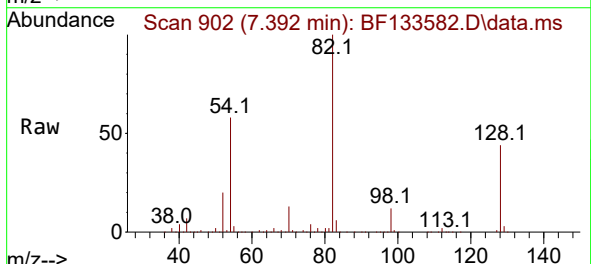
Tgt Ion: 82 Resp: 313521

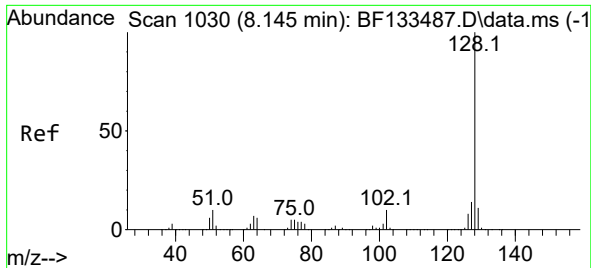
Ion Ratio Lower Upper

82 100

95 0.1 5.7 8.5#

138 0.0 14.2 21.4#

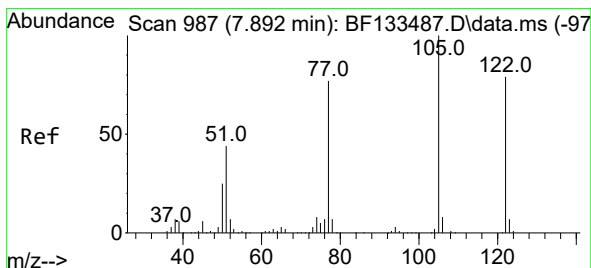
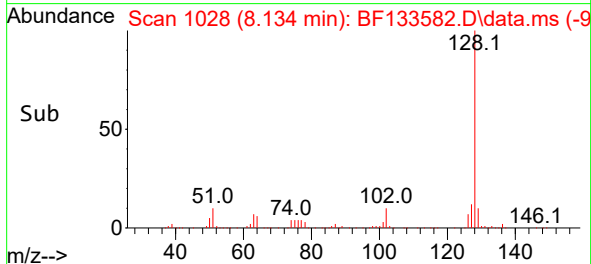
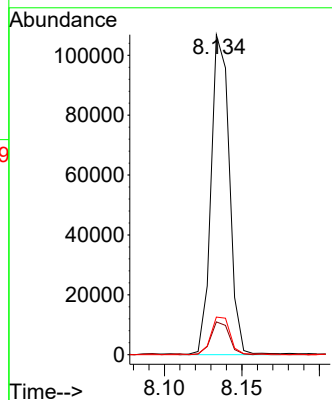
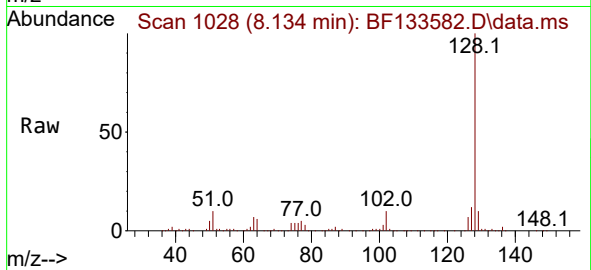




#31
Naphthalene
Concen: 3.988 ng
RT: 8.134 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

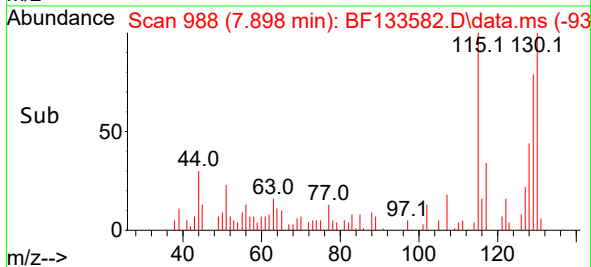
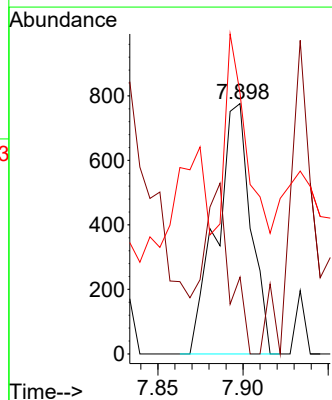
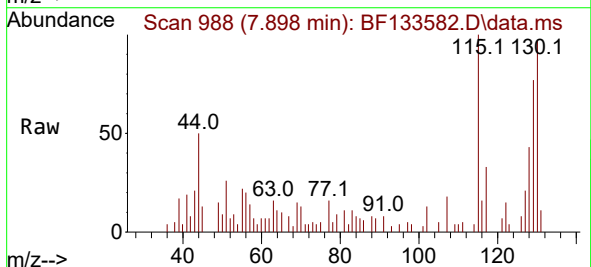
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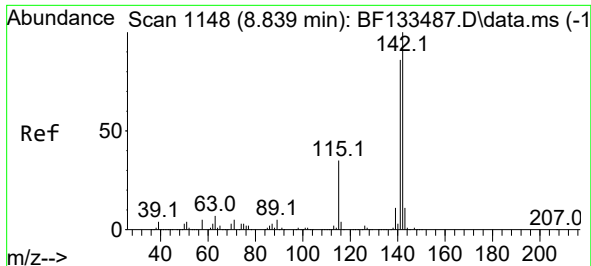
Tgt Ion:128 Resp: 87906
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 11.7 10.9 16.3



#32
Benzoic acid
Concen: 7.556 ng
RT: 7.898 min Scan# 988
Delta R.T. 0.035 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:122 Resp: 1087
Ion Ratio Lower Upper
122 100
105 30.7 103.3 143.3#
77 104.1 75.7 115.7

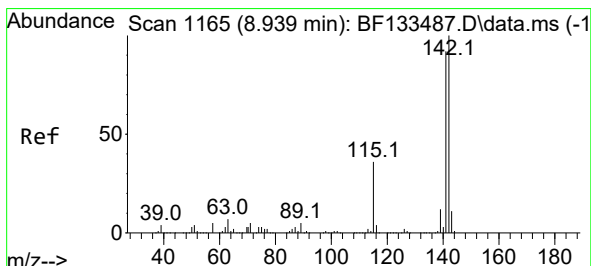
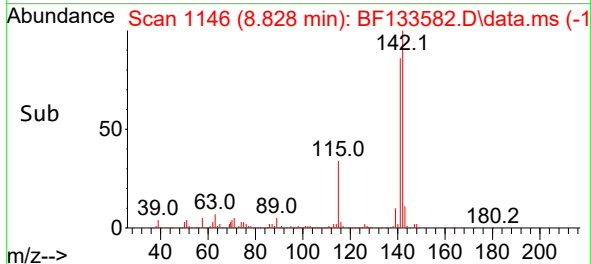
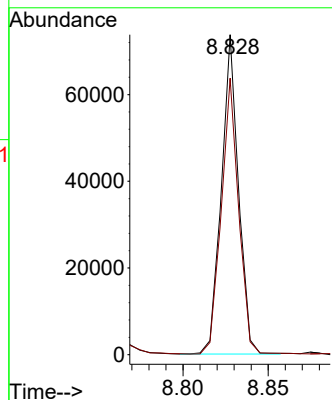
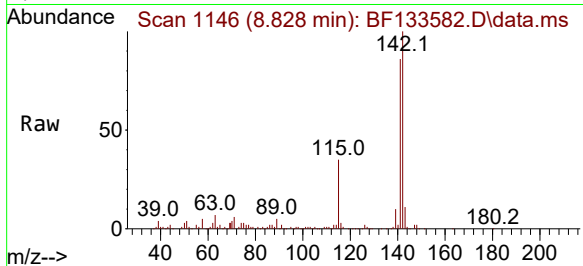




#37
2-Methylnaphthalene
Concen: 3.415 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

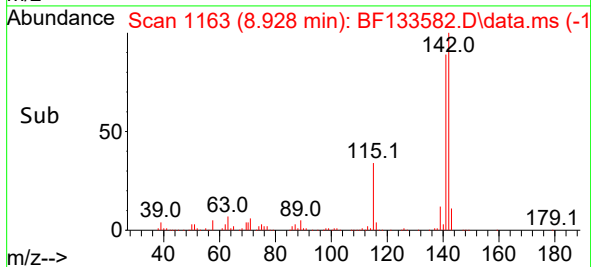
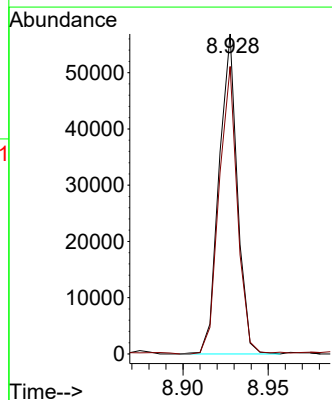
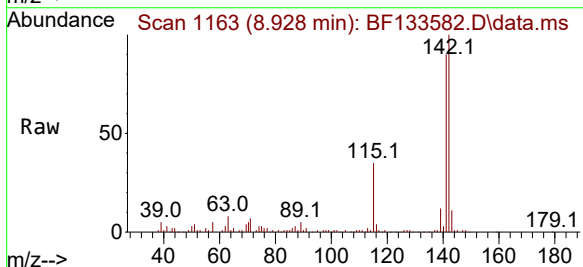
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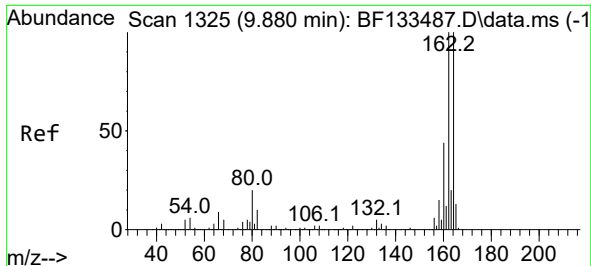
Tgt Ion:142 Resp: 51391
Ion Ratio Lower Upper
142 100
141 86.4 69.2 103.8



#38
1-Methylnaphthalene
Concen: 3.029 ng
RT: 8.928 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:142 Resp: 42486
Ion Ratio Lower Upper
142 100
141 89.8 73.6 110.4

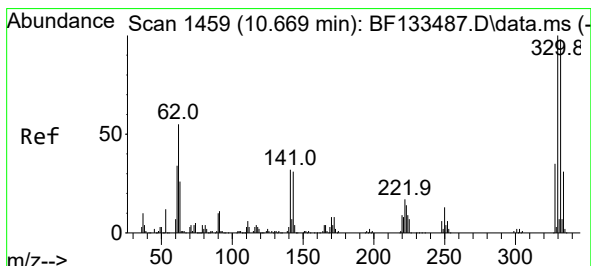
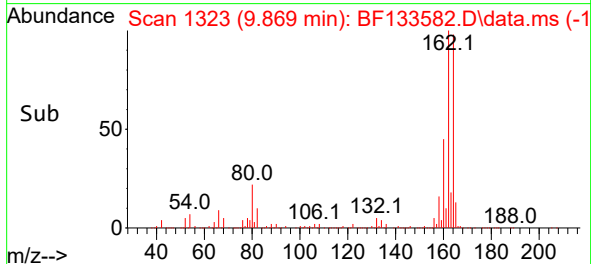
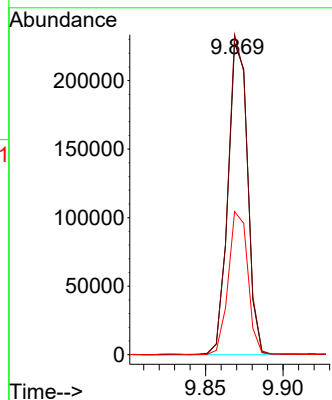
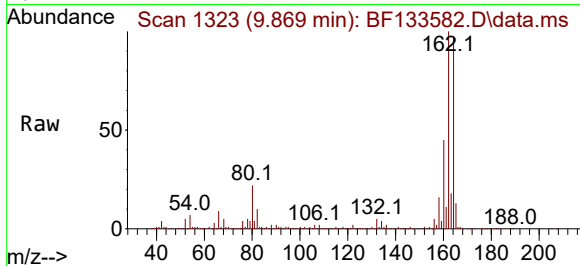




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

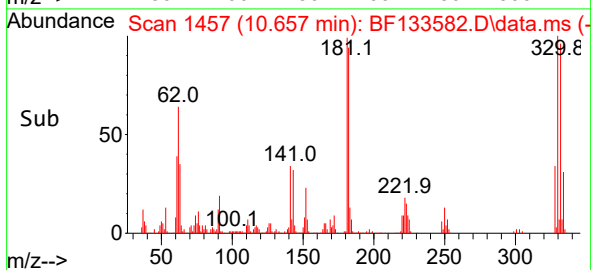
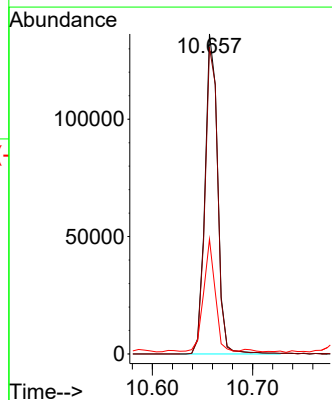
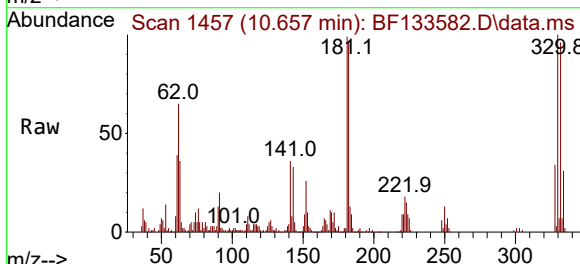
Instrument :
BNA_F
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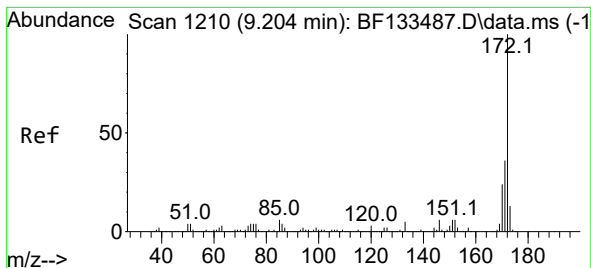
Tgt Ion:164 Resp: 200210
Ion Ratio Lower Upper
164 100
162 102.7 79.7 119.5
160 45.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 60.268 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:330 Resp: 120278
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.6
141 31.7 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 43.801 ng

RT: 9.192 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

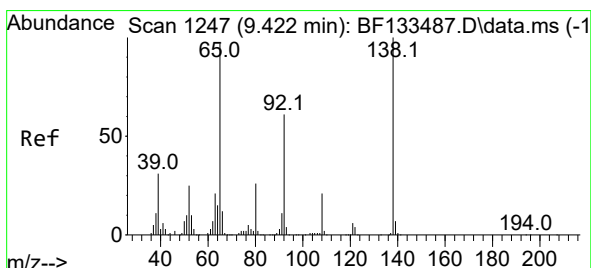
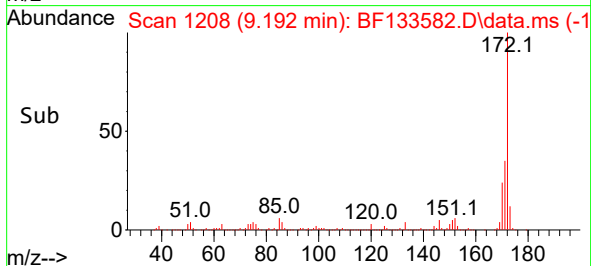
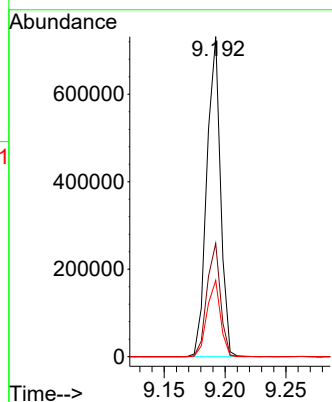
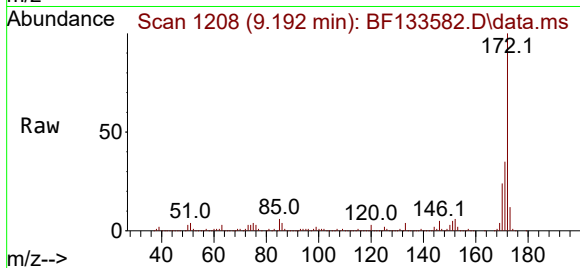
Tgt Ion:172 Resp: 568168

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.9 19.3 28.9



#48

2-Nitroaniline

Concen: 4.116 ng

RT: 9.386 min Scan# 1241

Delta R.T. -0.023 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

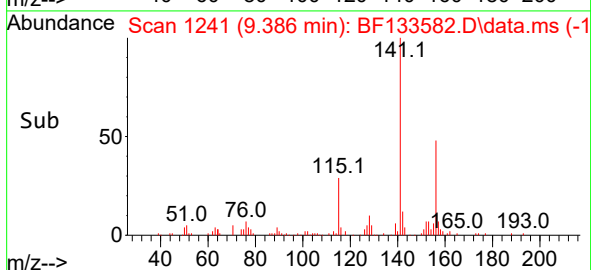
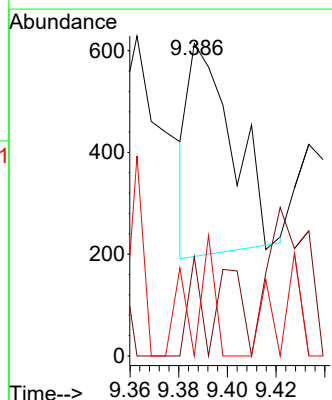
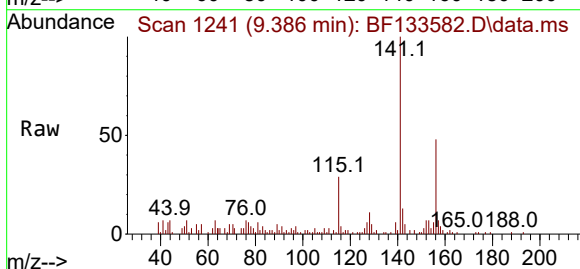
Tgt Ion: 65 Resp: 516

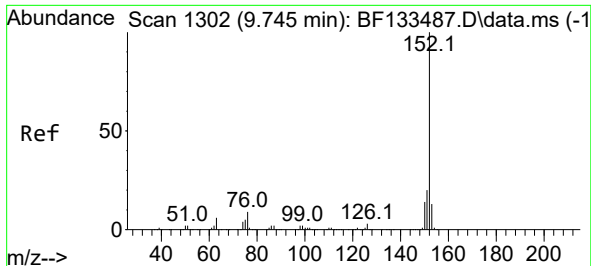
Ion Ratio Lower Upper

65 100

92 31.8 50.8 76.2#

138 0.0 82.6 124.0#





#49

Acenaphthylene

Concen: 11.768 ng

RT: 9.733 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

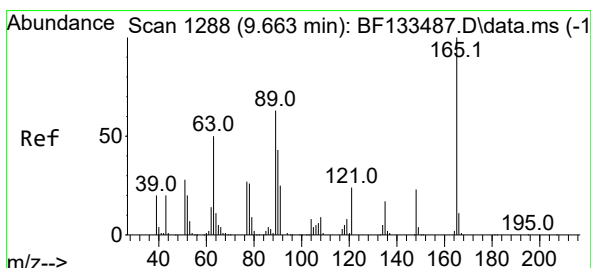
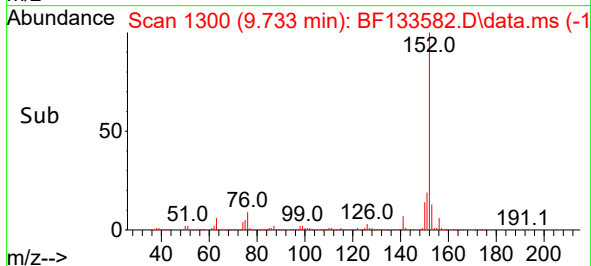
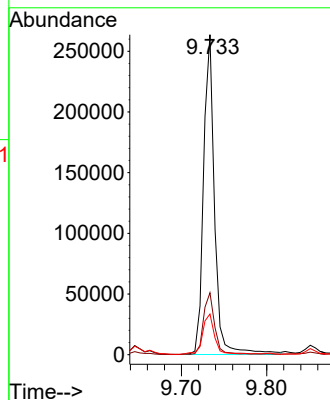
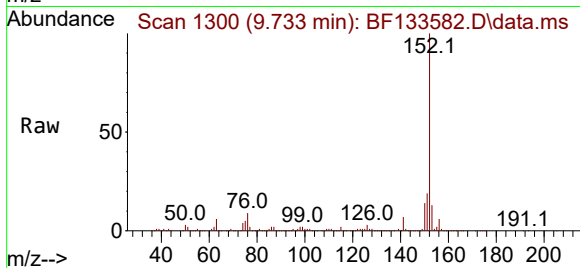
Tgt Ion:152 Resp: 236736

Ion Ratio Lower Upper

152 100

151 19.4 16.0 24.0

153 12.7 10.4 15.6



#51

2,6-Dinitrotoluene

Concen: 4.065 ng

RT: 9.563 min Scan# 1271

Delta R.T. -0.094 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

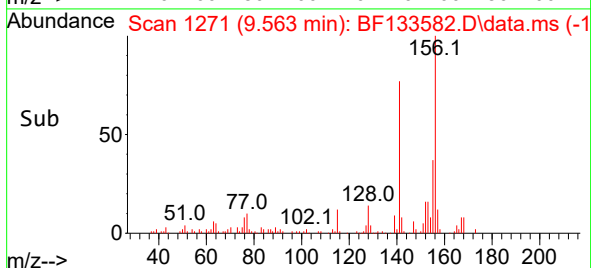
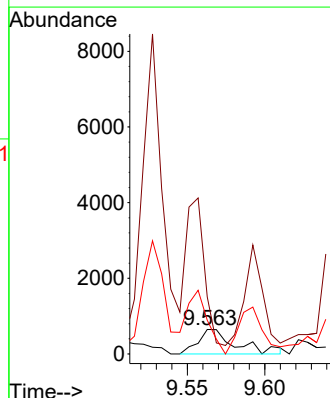
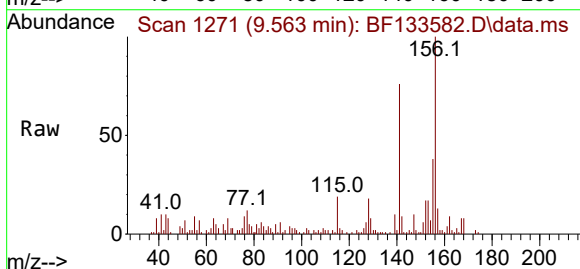
Tgt Ion:165 Resp: 1108

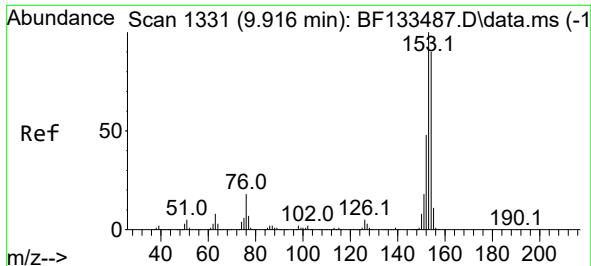
Ion Ratio Lower Upper

165 100

63 234.1 57.0 85.4#

89 138.4 50.8 76.2#

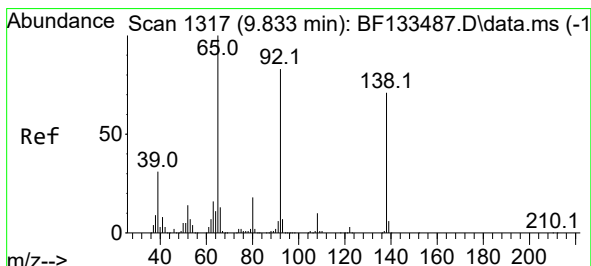
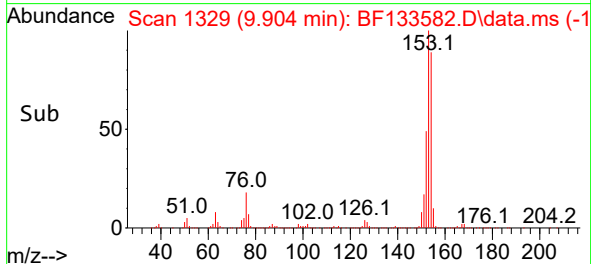
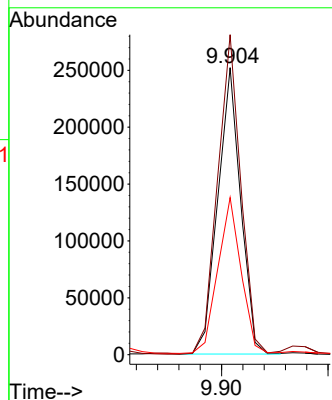
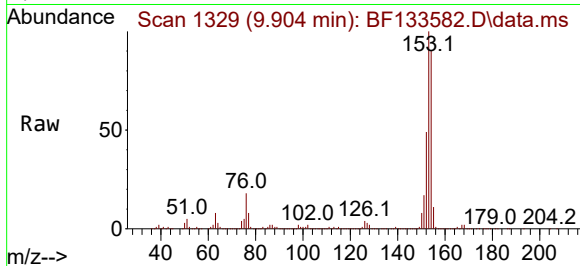




#52
Acenaphthene
Concen: 15.373 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

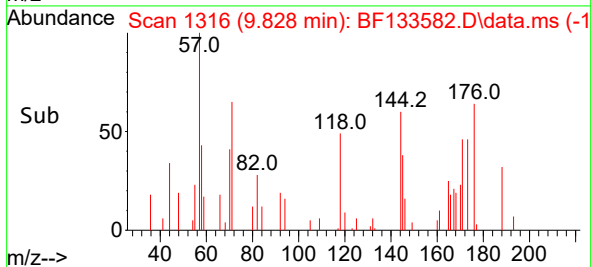
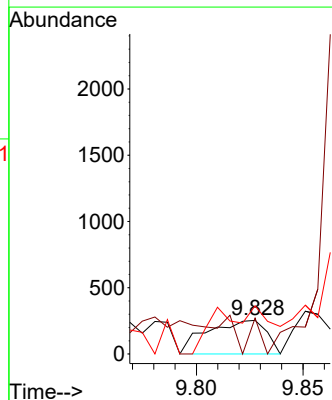
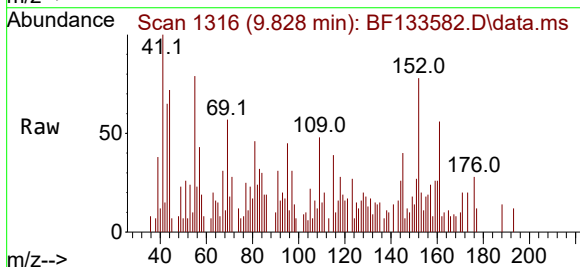
Instrument :
BNA_F
ClientSampleId :
SB07

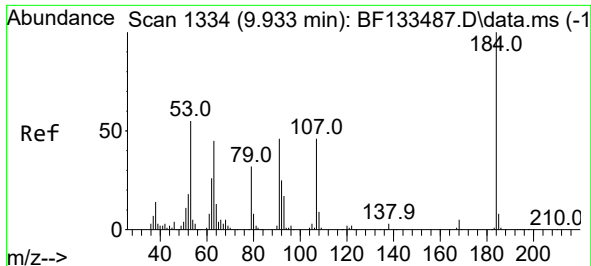
Tgt Ion:154 Resp: 187337
Ion Ratio Lower Upper
154 100
153 111.5 89.2 133.8
152 54.7 43.1 64.7



#53
3-Nitroaniline
Concen: 3.316 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:138 Resp: 489
Ion Ratio Lower Upper
138 100
108 106.7 11.9 17.9#
92 143.3 93.1 139.7#

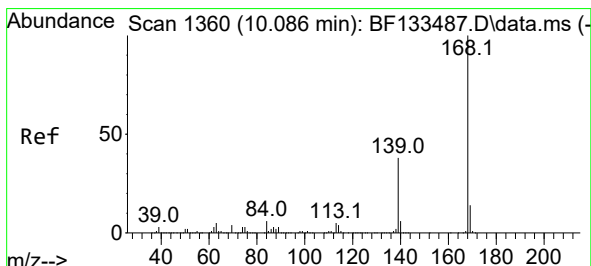
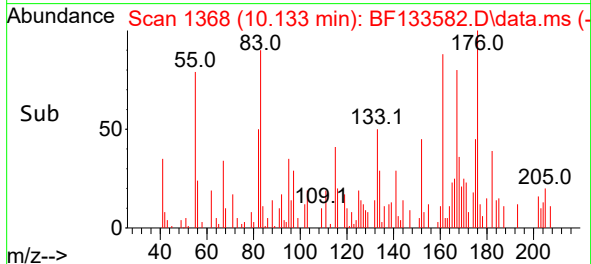
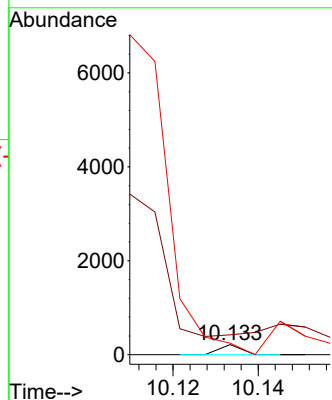
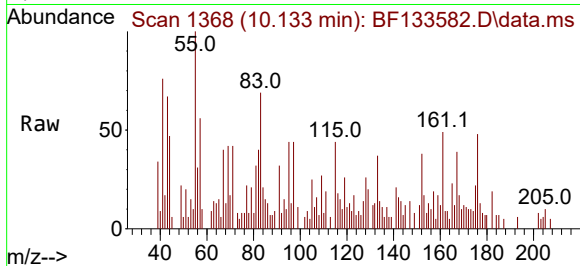




#54
2,4-Dinitrophenol
Concen: 6.586 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

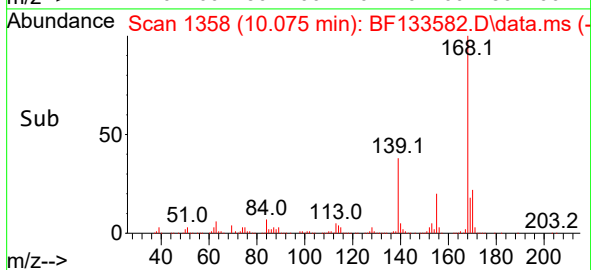
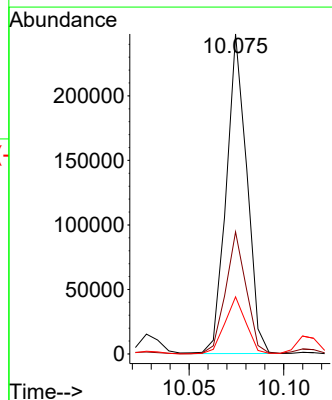
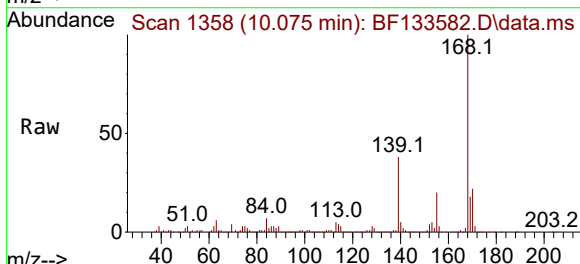
Instrument :
BNA_F
ClientSampleId :
SB07

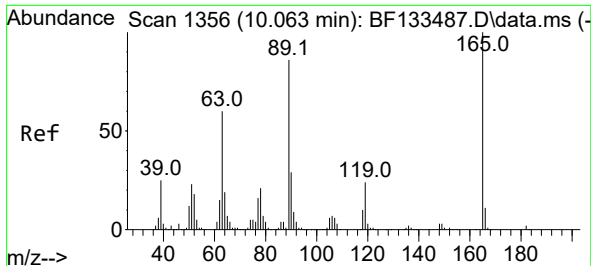
Tgt Ion:184 Resp: 76
Ion Ratio Lower Upper
184 100
63 195.8 55.7 83.5#
154 114.4 49.3 73.9#



#55
Dibenzofuran
Concen: 10.287 ng
RT: 10.075 min Scan# 1358
Delta R.T. -0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:168 Resp: 186506
Ion Ratio Lower Upper
168 100
139 38.2 30.6 46.0
169 17.8 10.9 16.3#

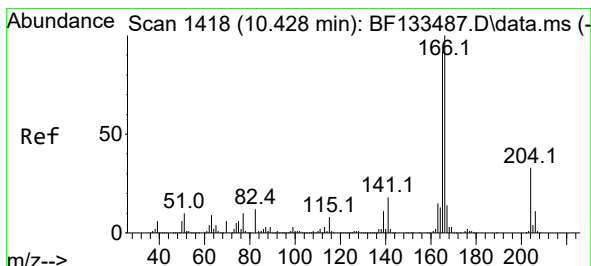
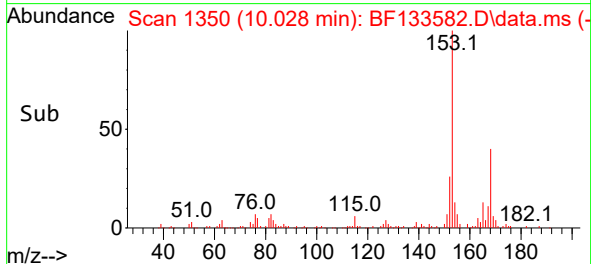
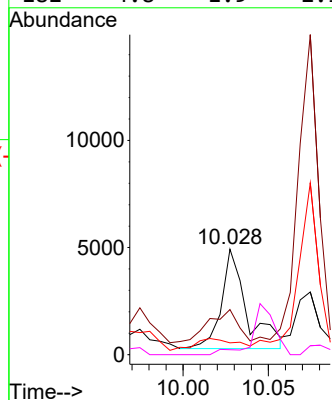
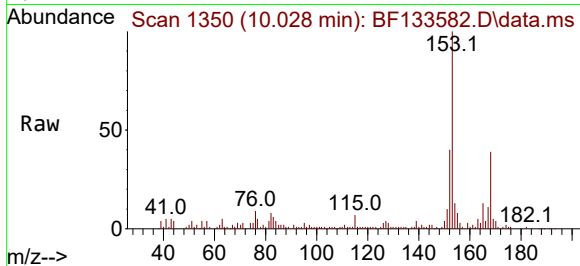




#57
2,4-Dinitrotoluene
Concen: 6.056 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.029 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

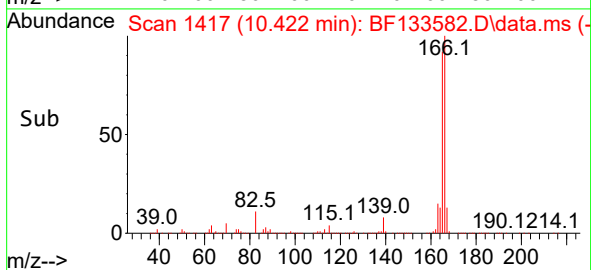
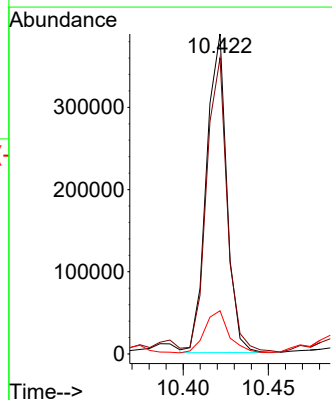
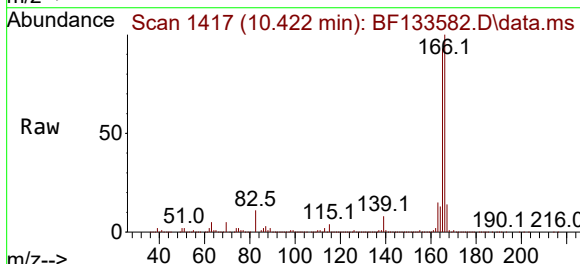
Instrument :
BNA_F
ClientSampleId :
SB07

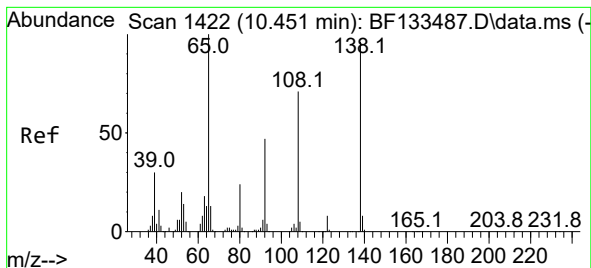
Tgt Ion:165 Resp: 4829
Ion Ratio Lower Upper
165 100
63 42.9 48.1 72.1#
89 11.3 68.4 102.6#
182 4.8 1.9 2.9#



#58
Fluorene
Concen: 24.145 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:166 Resp: 320723
Ion Ratio Lower Upper
166 100
165 92.6 73.4 110.0
167 13.5 10.9 16.3

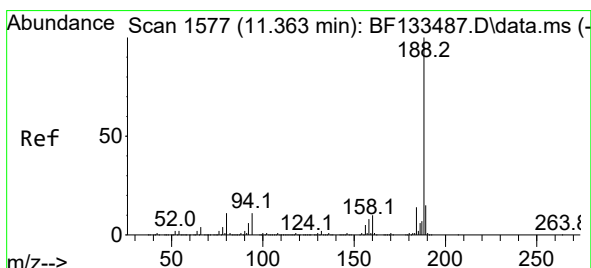
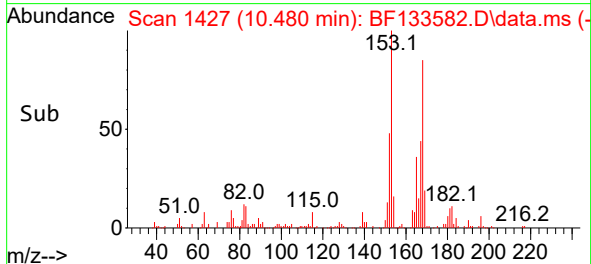
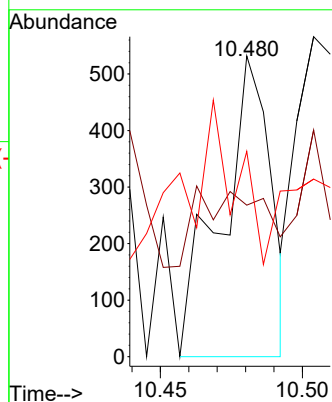
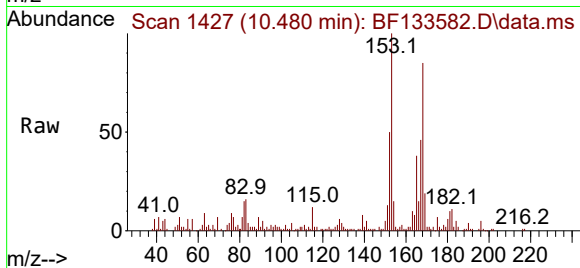




#62
4-Nitroaniline
Concen: 3.164 ng
RT: 10.480 min Scan# 1422
Delta R.T. 0.041 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

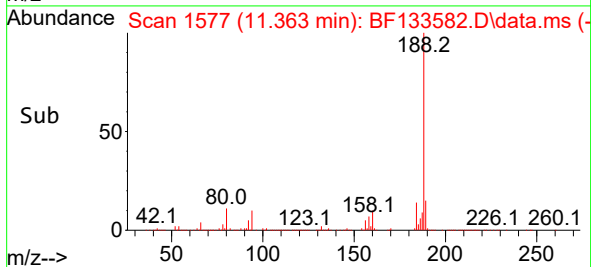
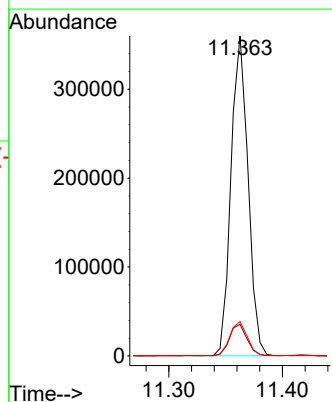
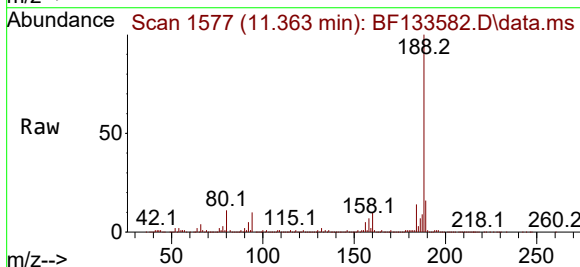
Instrument :
BNA_F
ClientSampleId :
SB07

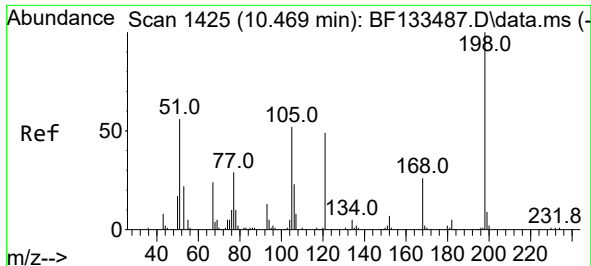
Tgt Ion:138 Resp: 647
Ion Ratio Lower Upper
138 100
92 50.4 28.4 68.4
108 68.2 54.2 94.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:188 Resp: 374277
Ion Ratio Lower Upper
188 100
94 9.9 8.6 12.8
80 10.8 9.2 13.8





#65

4,6-Dinitro-2-methylphenol

Concen: 8.791 ng

RT: 10.475 min Scan# 1425

Delta R.T. 0.012 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

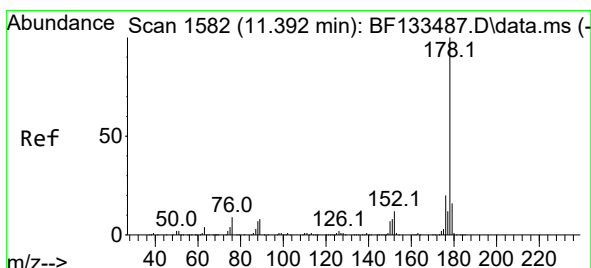
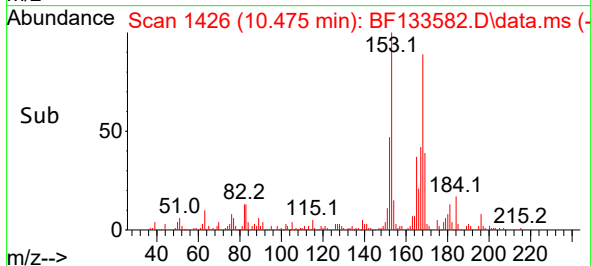
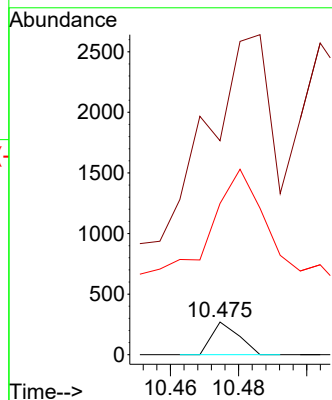
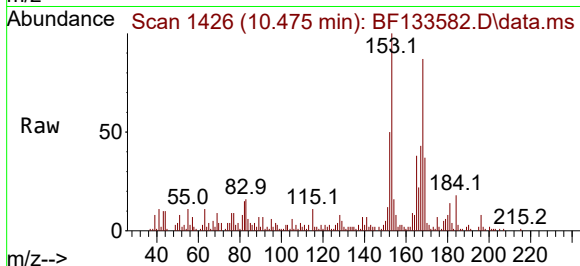
Tgt Ion:198 Resp: 148

Ion Ratio Lower Upper

198 100

51 656.5 53.6 93.6#

105 463.9 35.9 75.9#



#71

Phenanthrene

Concen: 128.936 ng

RT: 11.398 min Scan# 1583

Delta R.T. 0.012 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

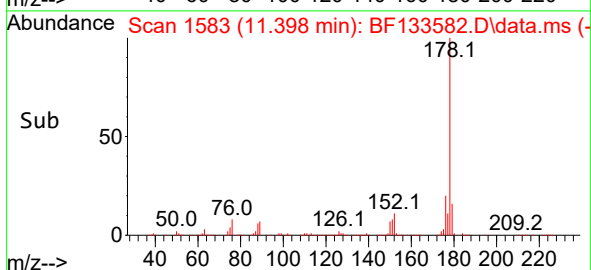
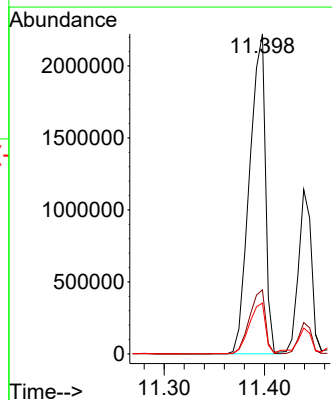
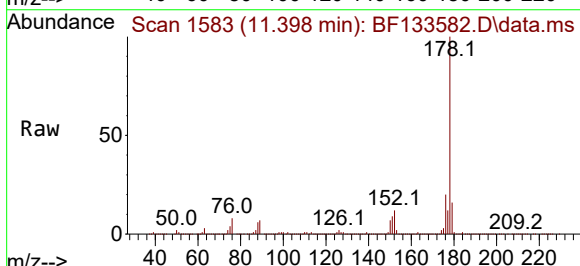
Tgt Ion:178 Resp: 2444225

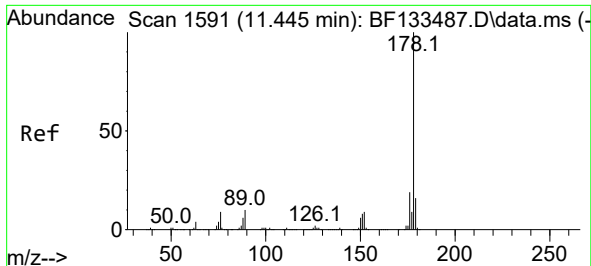
Ion Ratio Lower Upper

178 100

176 20.1 15.6 23.4

179 15.9 12.4 18.6

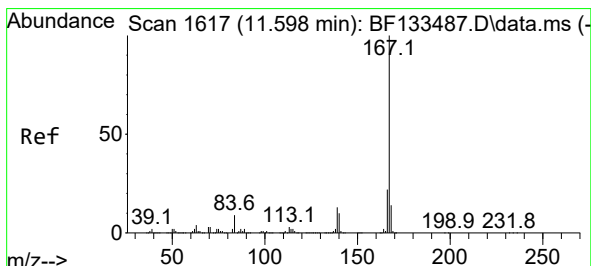
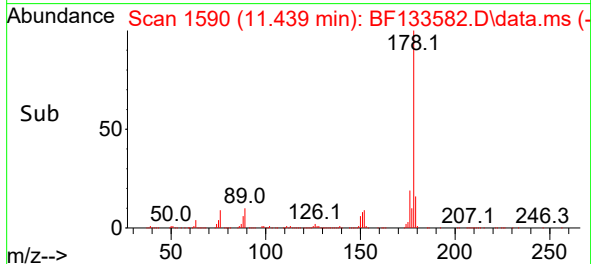
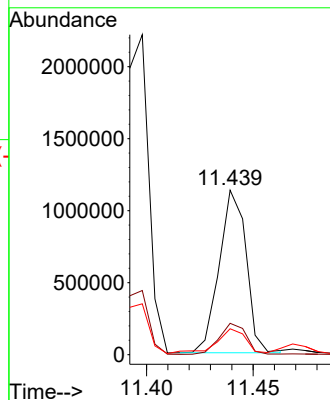
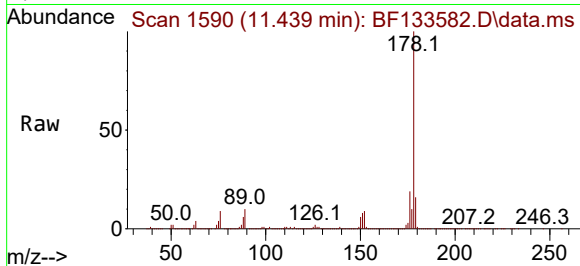




#72
 Anthracene
 Concen: 51.089 ng
 RT: 11.439 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133582.D
 Acq: 05 Jun 2023 23:52

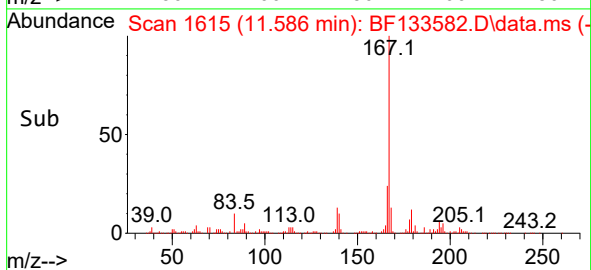
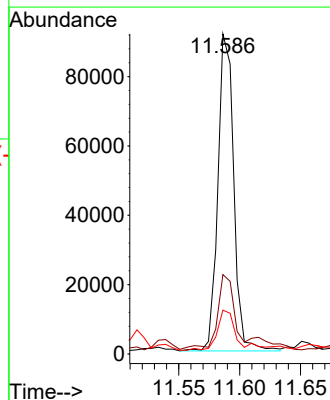
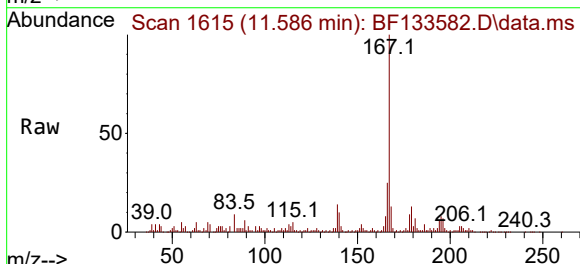
Instrument :
 BNA_F
 ClientSampleId :
 SB07

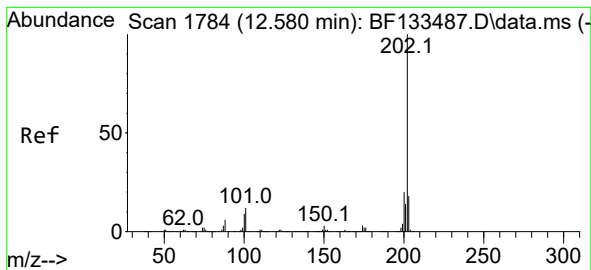
Tgt Ion:178 Resp: 996753
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.3 22.9
 179 15.8 12.6 18.8



#73
 Carbazole
 Concen: 4.509 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. -0.006 min
 Lab File: BF133582.D
 Acq: 05 Jun 2023 23:52

Tgt Ion:167 Resp: 83194
 Ion Ratio Lower Upper
 167 100
 166 24.8 17.3 25.9
 139 13.7 10.7 16.1





#75

Fluoranthene

Concen: 190.797 ng

RT: 12.598 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

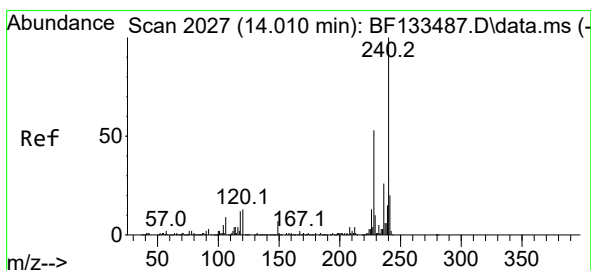
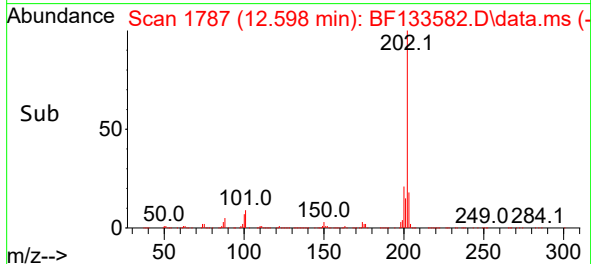
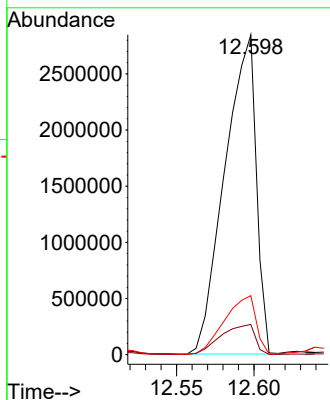
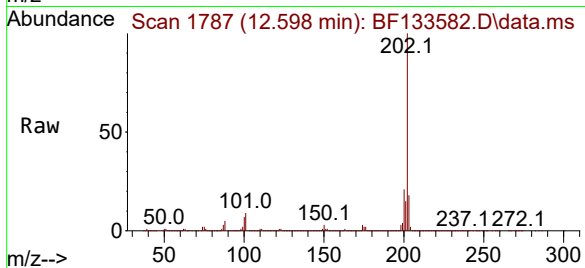
Tgt Ion:202 Resp: 3995143

Ion Ratio Lower Upper

202 100

101 9.5 0.0 32.2

203 18.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.012 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

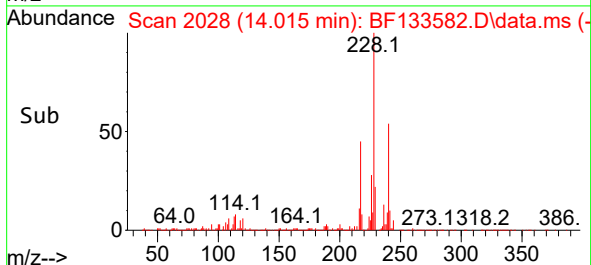
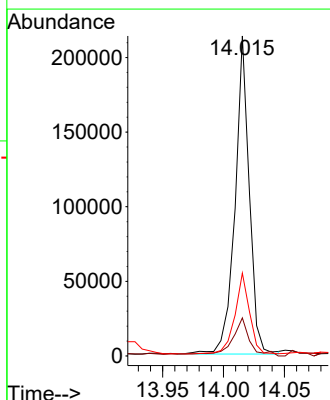
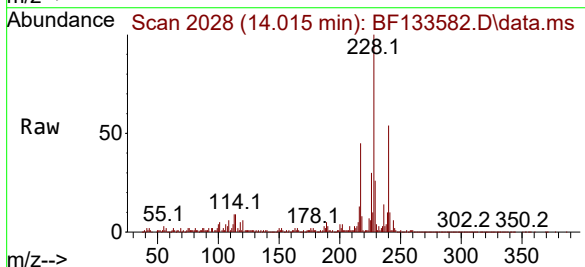
Tgt Ion:240 Resp: 173301

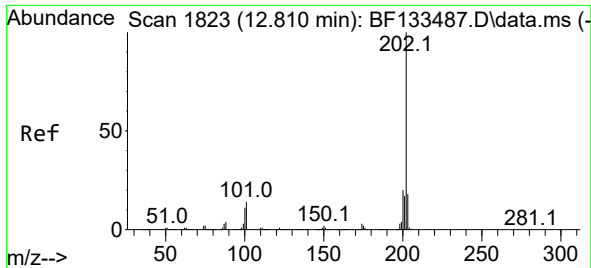
Ion Ratio Lower Upper

240 100

120 11.9 10.3 15.5

236 25.9 20.5 30.7

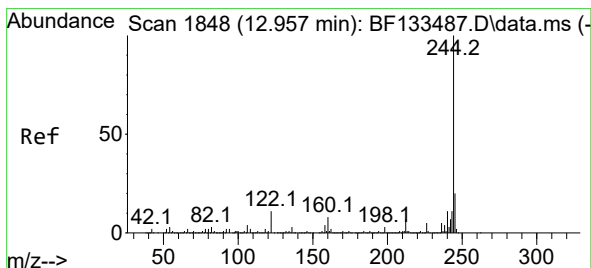
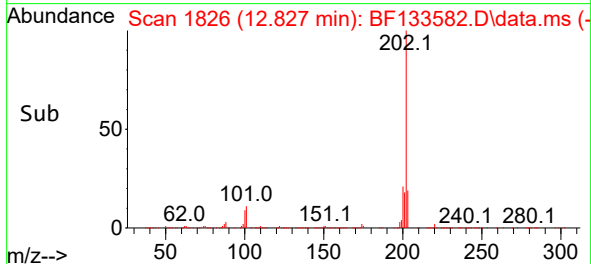
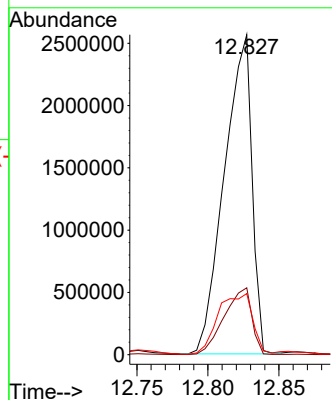
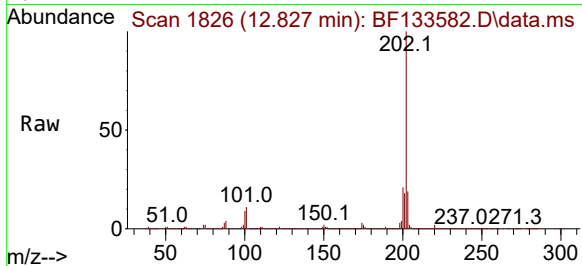




#78
 Pyrene
 Concen: 234.700 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. 0.024 min
 Lab File: BF133582.D
 Acq: 05 Jun 2023 23:52

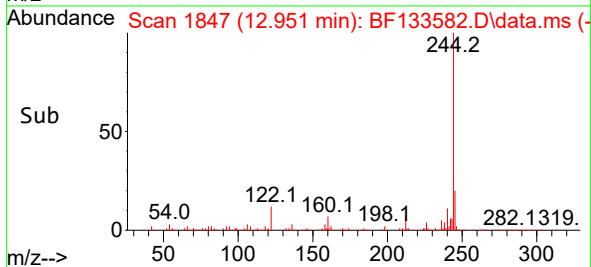
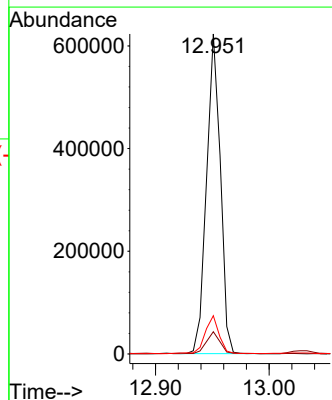
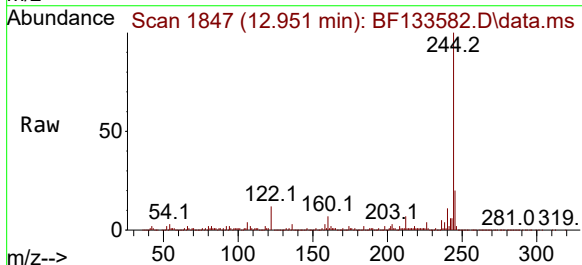
Instrument :
 BNA_F
 ClientSampleId :
 SB07

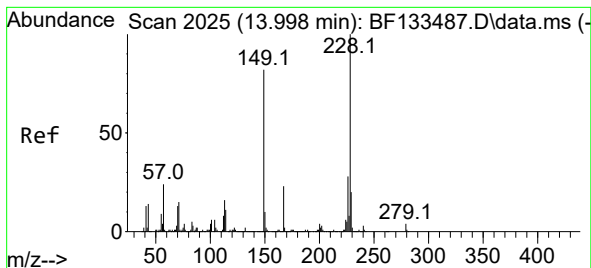
Tgt Ion:202 Resp: 3461160
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.3 24.5
 203 19.1 14.3 21.5



#79
 Terphenyl-d14
 Concen: 53.767 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. 0.006 min
 Lab File: BF133582.D
 Acq: 05 Jun 2023 23:52

Tgt Ion:244 Resp: 524072
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 11.9 8.5 12.7





#81

Benzo(a)anthracene

Concen: 144.598 ng

RT: 14.004 min Scan# 2026

Delta R.T. 0.012 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

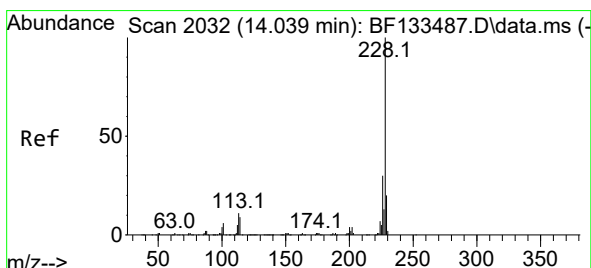
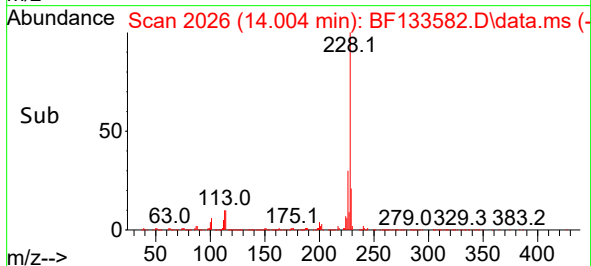
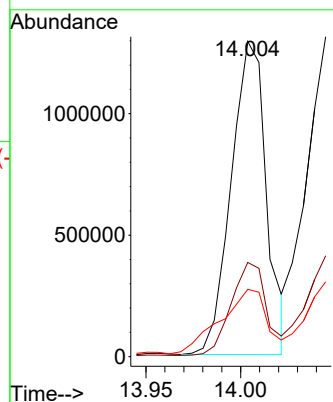
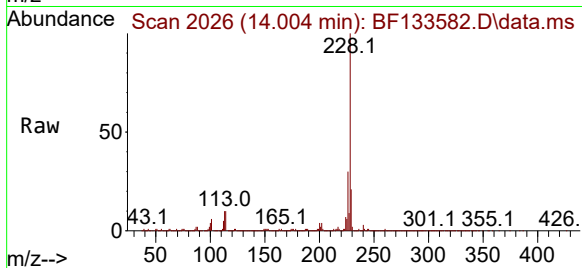
Tgt Ion:228 Resp: 1669342

Ion Ratio Lower Upper

228 100

226 29.9 22.3 33.5

229 21.4 16.1 24.1



#83

Chrysene

Concen: 118.668 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.018 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

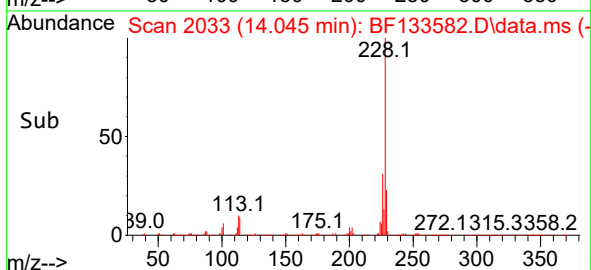
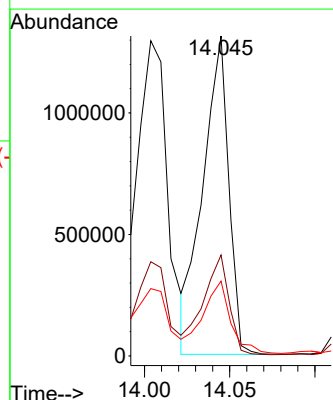
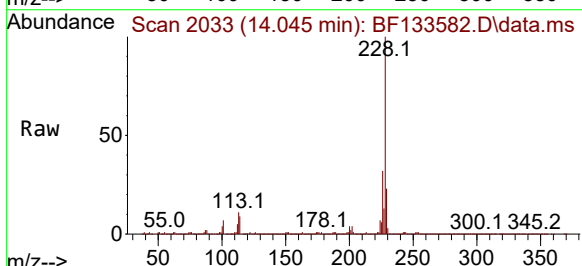
Tgt Ion:228 Resp: 1383026

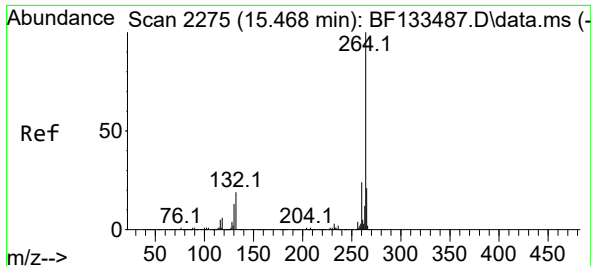
Ion Ratio Lower Upper

228 100

226 31.5 24.1 36.1

229 23.4 15.8 23.8

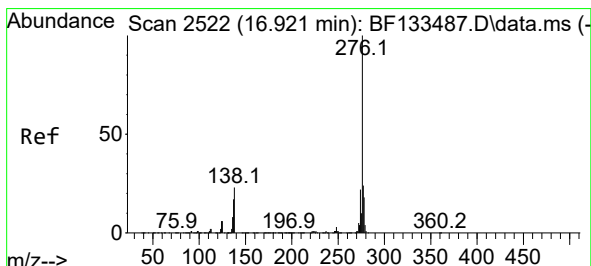
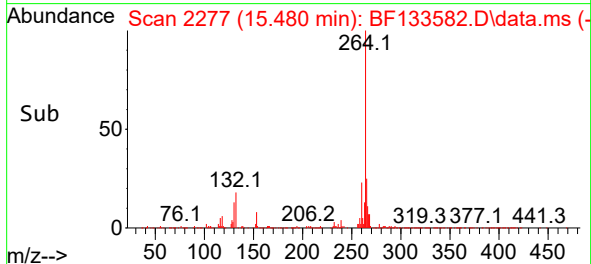
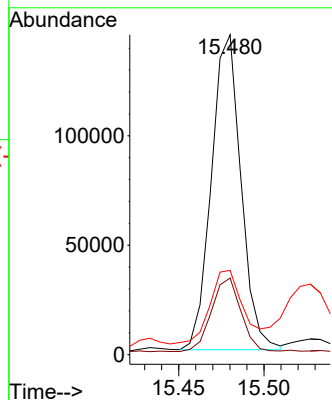
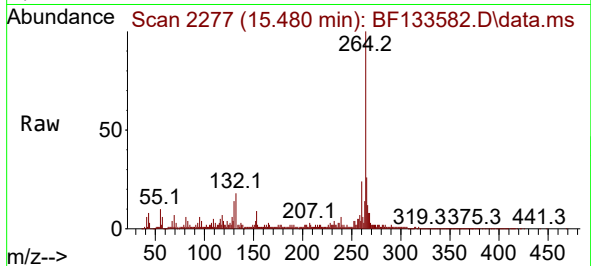




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

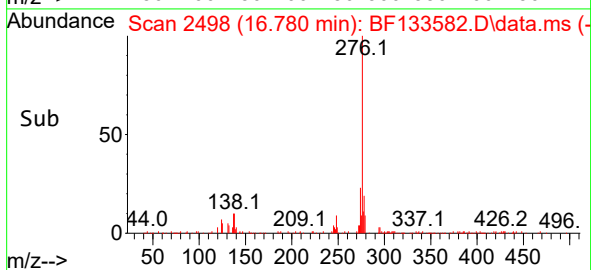
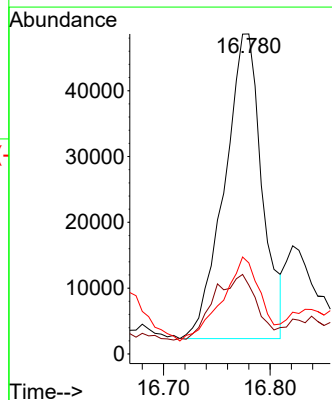
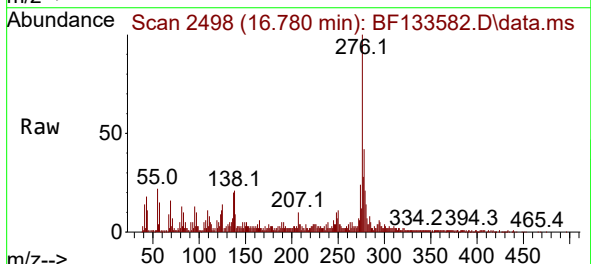
Instrument :
BNA_F
ClientSampleId :
SB07

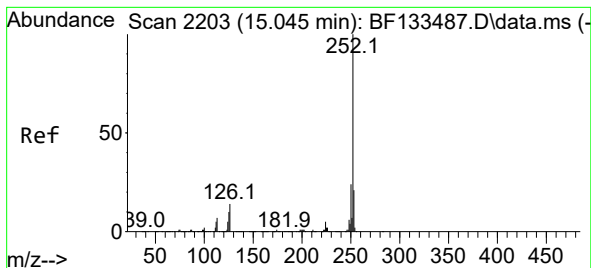
Tgt Ion:264 Resp: 174259
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 26.4 16.8 25.2#



#87
Indeno(1,2,3-cd)pyrene
Concen: 10.244 ng
RT: 16.780 min Scan# 2498
Delta R.T. -0.129 min
Lab File: BF133582.D
Acq: 05 Jun 2023 23:52

Tgt Ion:276 Resp: 113708
Ion Ratio Lower Upper
276 100
138 24.4 21.4 32.2
277 27.6 20.0 30.0





#88

Benzo(b)fluoranthene

Concen: 172.596 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.029 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07

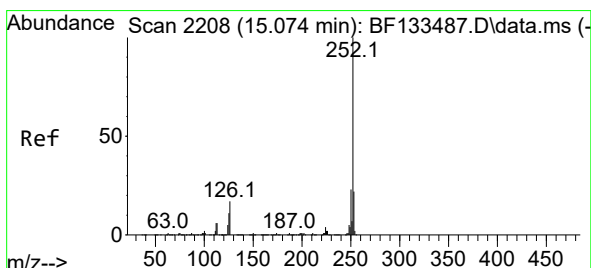
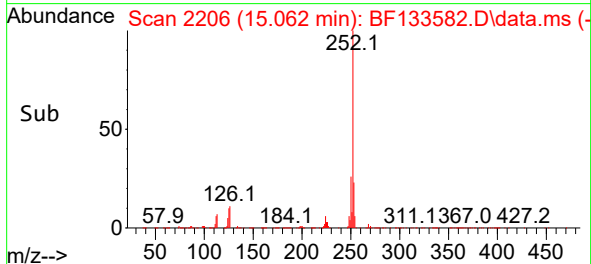
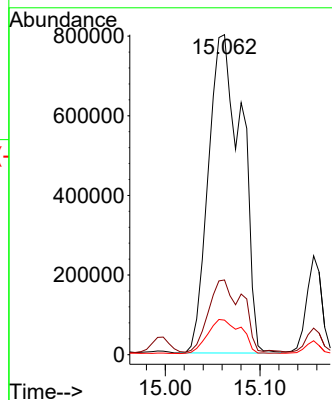
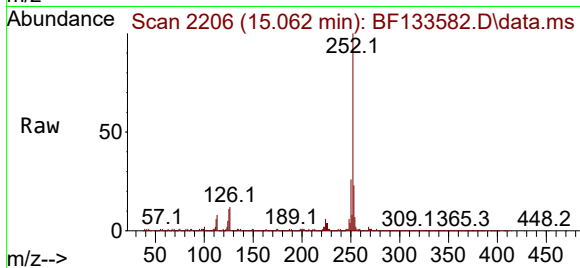
Tgt Ion:252 Resp: 1958490

Ion Ratio Lower Upper

252 100

253 23.4 17.2 25.8

125 10.8 8.1 12.1



#89

Benzo(k)fluoranthene

Concen: 176.912 ng

RT: 15.062 min Scan# 2206

Delta R.T. 0.000 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

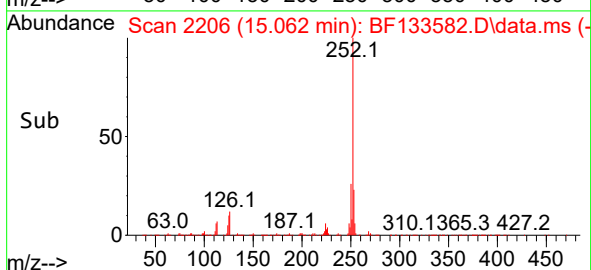
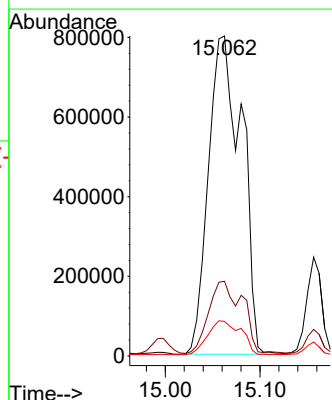
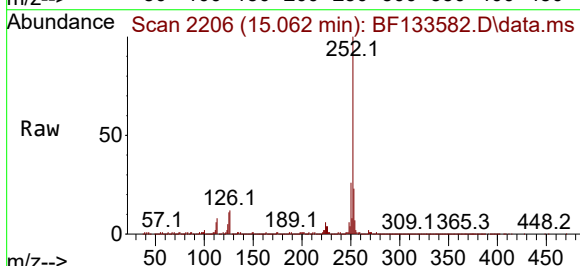
Tgt Ion:252 Resp: 1957423

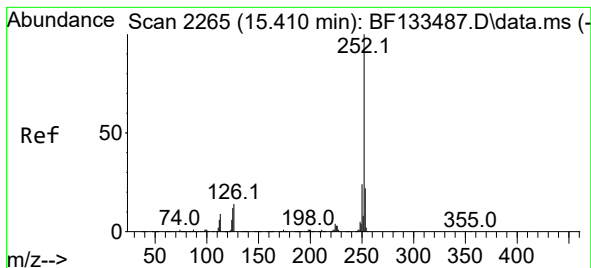
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

125 10.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 103.226 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

Instrument :

BNF_F

ClientSampleId :

SB07

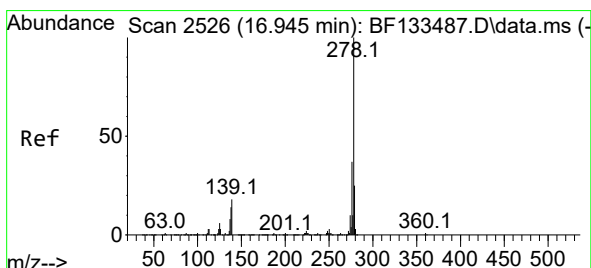
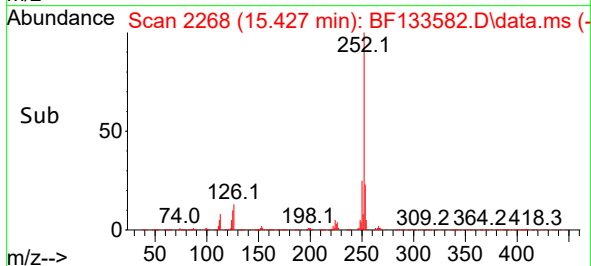
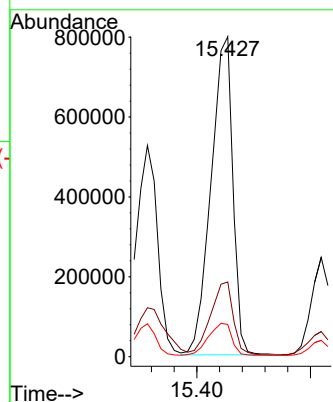
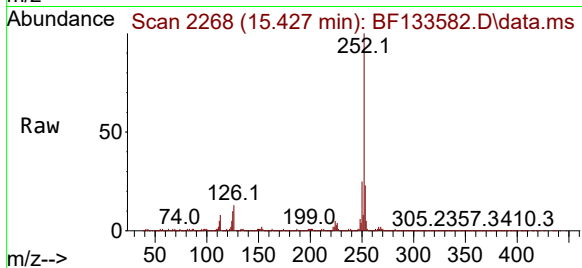
Tgt Ion:252 Resp: 1065844

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 10.1 9.4 14.0



#91

Dibenzo(a,h)anthracene

Concen: 14.544 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.188 min

Lab File: BF133582.D

Acq: 05 Jun 2023 23:52

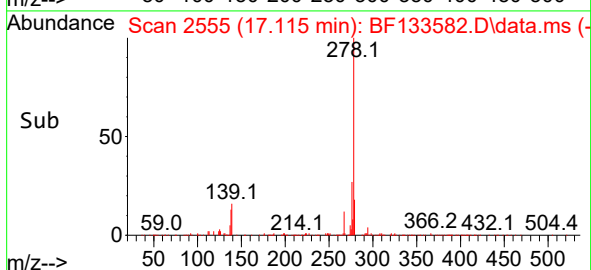
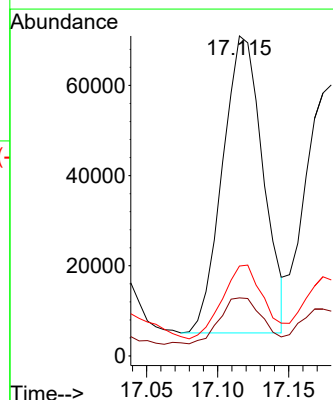
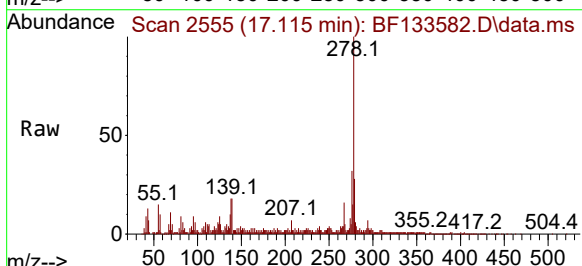
Tgt Ion:278 Resp: 130888

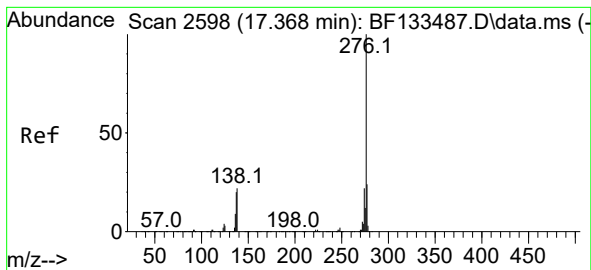
Ion Ratio Lower Upper

278 100

139 18.2 14.1 21.1

279 28.1 19.7 29.5





#92

Benzo(g,h,i)perylene

Concen: 54.901 ng

RT: 17.386 min Scan# 20

Delta R.T. 0.041 min

Lab File: BF133582.D

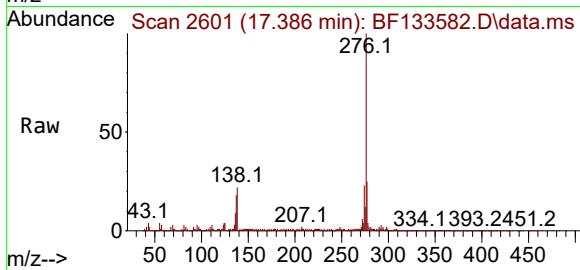
Acq: 05 Jun 2023 23:52

Instrument :

BNA_F

ClientSampleId :

SB07



Tgt Ion:276 Resp: 498206

Ion Ratio Lower Upper

276 100

277 24.7 18.8 28.2

138 22.4 17.8 26.6

