

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060623\
 Data File : BF133601.D
 Acq On : 06 Jun 2023 20:22
 Operator : CG\JU
 Sample : 03002-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB02

Quant Time: Jun 07 04:01:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 14:05:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	126230	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	454889	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	188660	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	320674	20.000	ng	# 0.00
76) Chrysene-d12	14.022	240	138166	20.000	ng	0.01
86) Perylene-d12	15.498	264	134350	20.000	ng	# 0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	469511	62.058	ng	0.00
7) Phenol-d6	6.457	99	562124	60.357	ng	0.00
23) Nitrobenzene-d5	7.398	82	340683	50.005	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	114875	61.084	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	633005	51.787	ng	0.00
79) Terphenyl-d14	12.957	244	485541	62.482	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	755	Below Cal	#	85
19) n-Nitroso-di-n-propyla...	7.398	70	47389	7.864	ng	# 74
25) Isophorone	7.398	82	340678	21.456	ng	# 65
31) Naphthalene	8.140	128	68507	3.106	ng	99
32) Benzoic acid	7.887	122	1128	7.564	ng	# 42
37) 2-Methylnaphthalene	8.834	142	34218	2.272	ng	100
38) 1-Methylnaphthalene	8.928	142	28934	2.061	ng	91
48) 2-Nitroaniline	9.404	65	655	4.159	ng	# 28
49) Acenaphthylene	9.734	152	165559	8.733	ng	99
51) 2,6-Dinitrotoluene	9.875	165	27233	13.656	ng	# 18
52) Acenaphthene	9.910	154	104312	9.084	ng	99
53) 3-Nitroaniline	9.822	138	170	3.230	ng	# 1
54) 2,4-Dinitrophenol	10.169	184	55	6.568	ng	# 1
55) Dibenzofuran	10.081	168	111838	6.546	ng	96
57) 2,4-Dinitrotoluene	10.075	165	1492	5.176	ng	# 1
58) Fluorene	10.422	166	209493	16.737	ng	97
62) 4-Nitroaniline	10.286	138	260	3.061	ng	92
63) Azobenzene	10.586	77	52464	3.808	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.616	198	56	8.747	ng	# 1
67) 4-Bromophenyl-phenylether	10.663	248	6952	2.041	ng	# 1
71) Phenanthrene	11.398	178	1630714	100.402	ng	99
72) Anthracene	11.445	178	553264	33.098	ng	99
73) Carbazole	11.592	167	136703	8.647	ng	99
75) Fluoranthene	12.592	202	2400591	133.809	ng	98
78) Pyrene	12.827	202	2224474	189.199	ng	99
81) Benzo(a)anthracene	14.010	228	1245613	135.331	ng	95
83) Chrysene	14.051	228	1179467	126.937	ng	95
87) Indeno(1,2,3-cd)pyrene	16.986	276	435096	50.841	ng	95
88) Benzo(b)fluoranthene	15.069	252	1338903	153.044	ng	96
89) Benzo(k)fluoranthene	15.069	252	1338903	156.956	ng	97
90) Benzo(a)pyrene	15.445	252	1022413	128.434	ng	96
91) Dibenzo(a,h)anthracene	16.992	278	153386	22.106	ng	# 66
92) Benzo(g,h,i)perylene	17.439	276	686370	98.104	ng	96

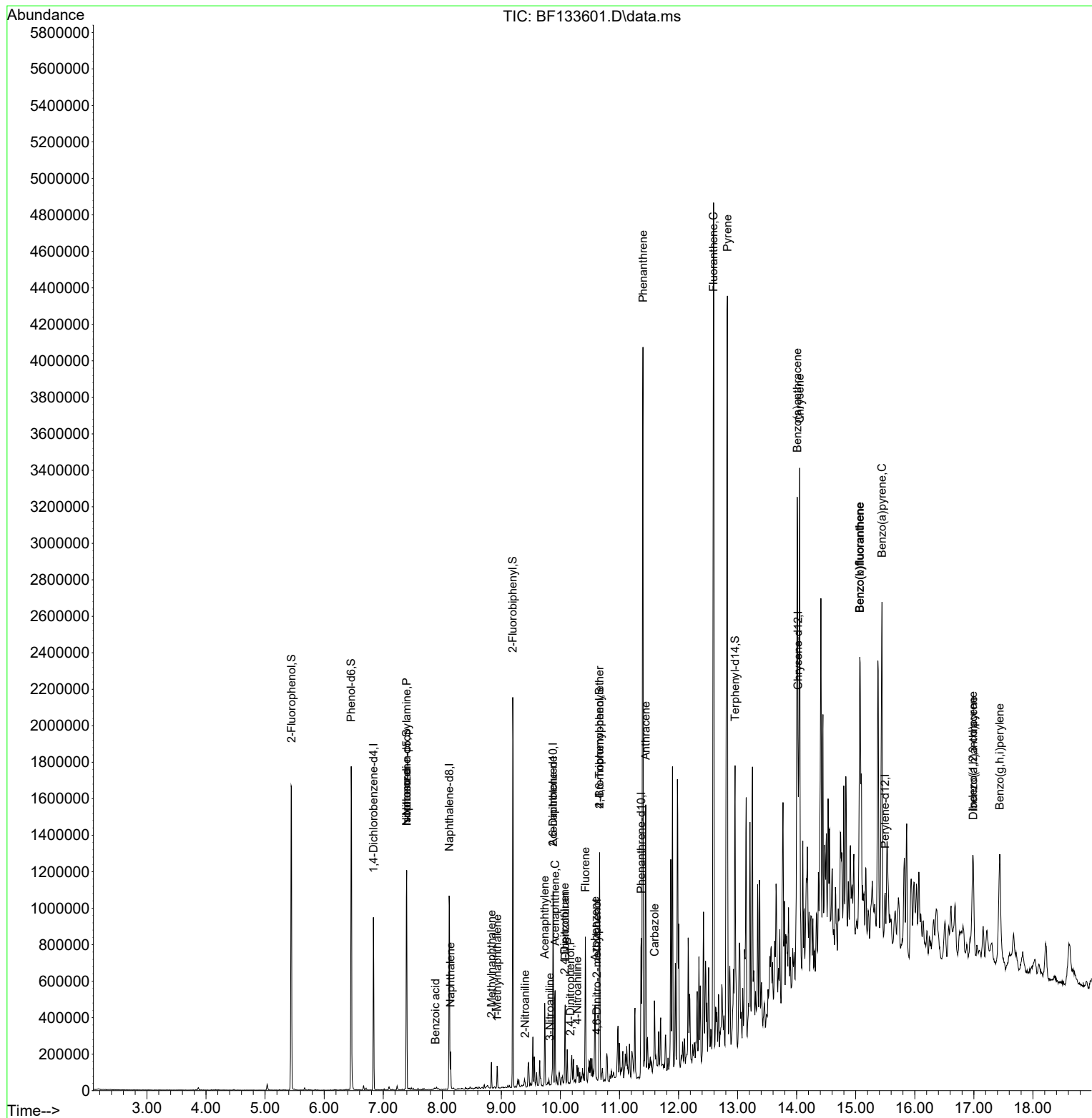
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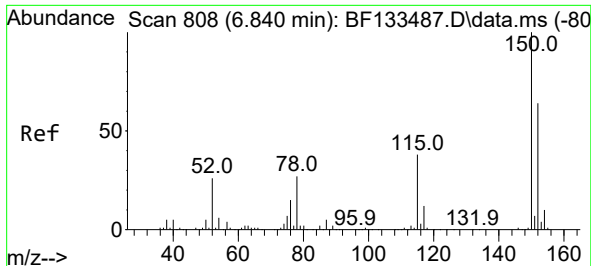
Instrument :
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ClientSampleId :
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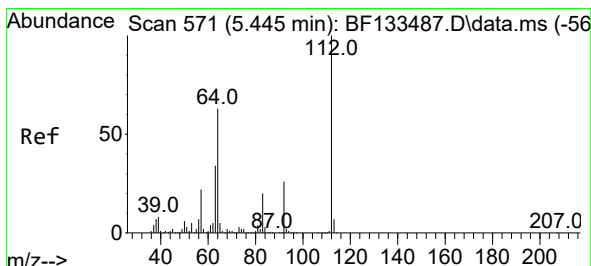
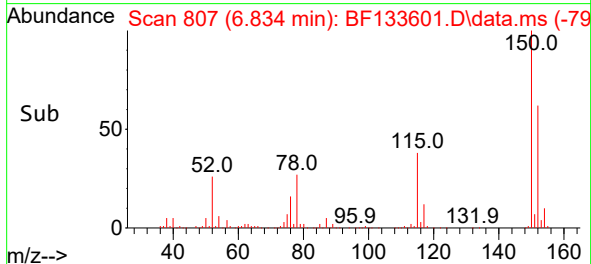
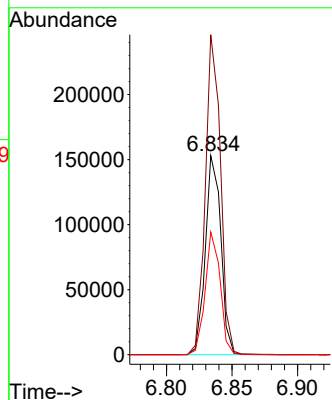
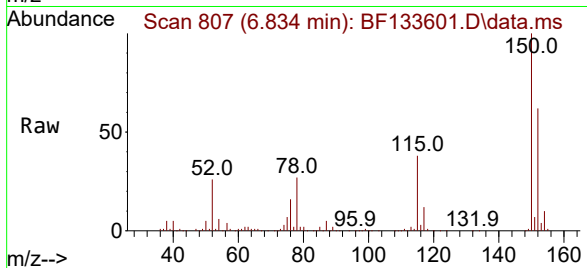




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

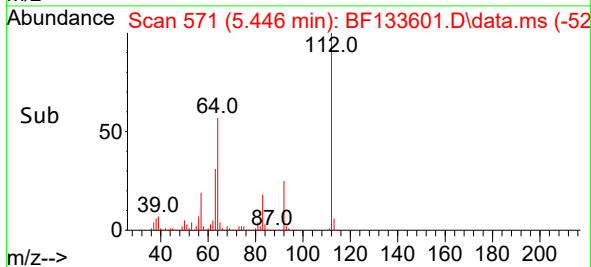
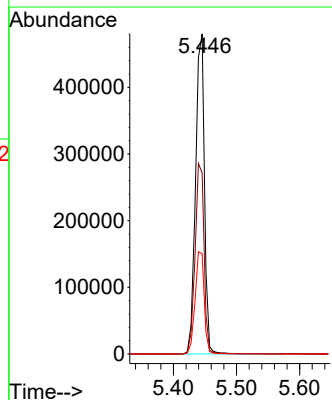
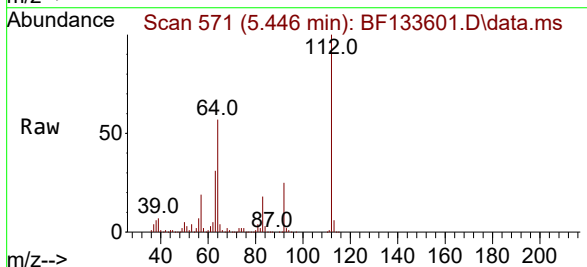
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BNA_F
ClientSampleId :
SB02

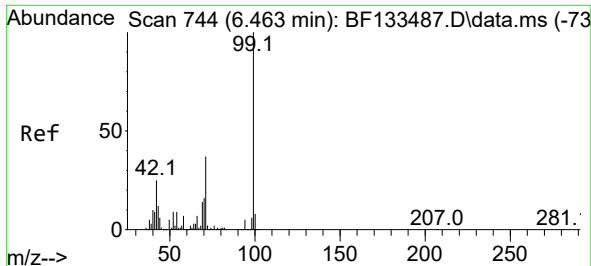
Tgt Ion:152 Resp: 126230
Ion Ratio Lower Upper
152 100
150 160.7 124.9 187.3
115 61.6 48.1 72.1



#5
2-Fluorophenol
Concen: 62.058 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.000 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:112 Resp: 469511
Ion Ratio Lower Upper
112 100
64 56.5 50.1 75.1
63 31.3 27.5 41.3

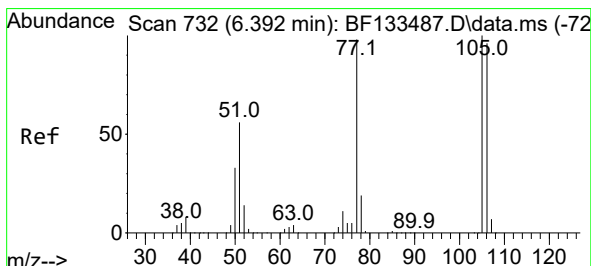
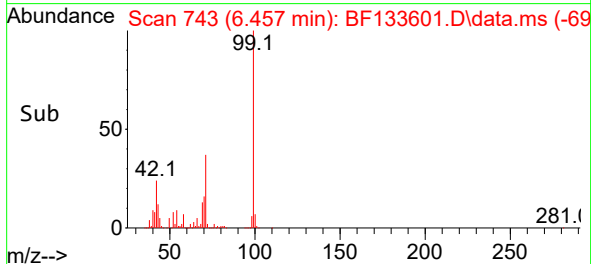
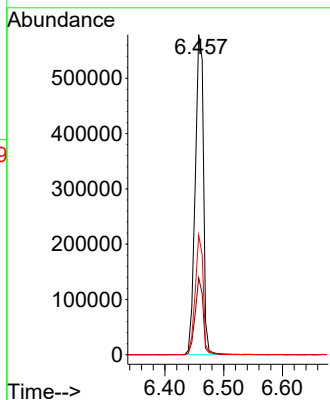
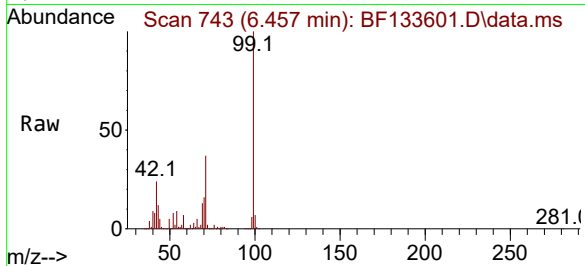




#7
Phenol-d6
Concen: 60.357 ng
RT: 6.457 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

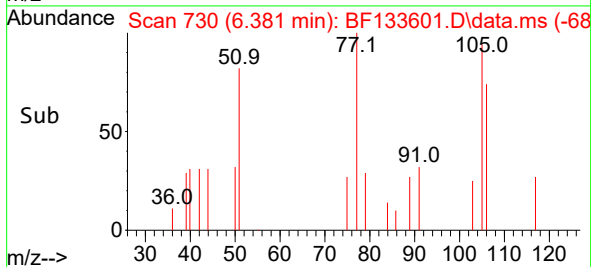
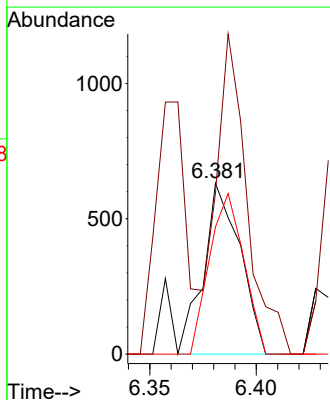
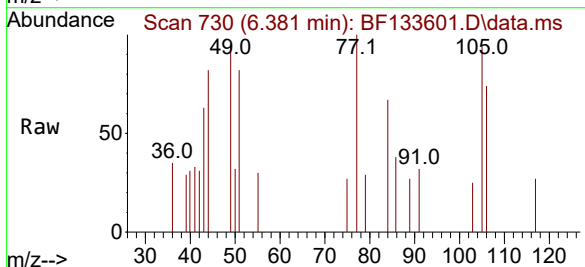
Instrument :
BNA_F
ClientSampleId :
SB02

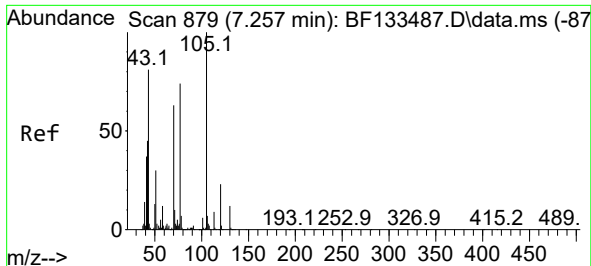
Tgt Ion: 99 Resp: 562124
Ion Ratio Lower Upper
99 100
42 24.0 19.7 29.5
71 37.4 29.8 44.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.381 min Scan# 730
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion: 77 Resp: 755
Ion Ratio Lower Upper
77 100
105 94.3 81.9 121.9
106 74.4 77.8 117.8#

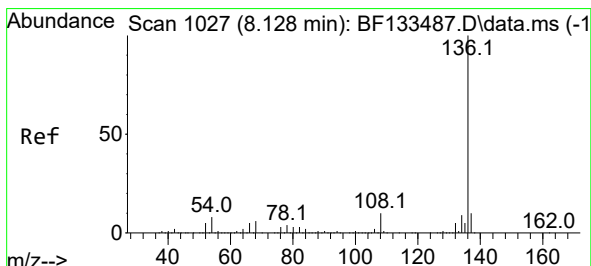
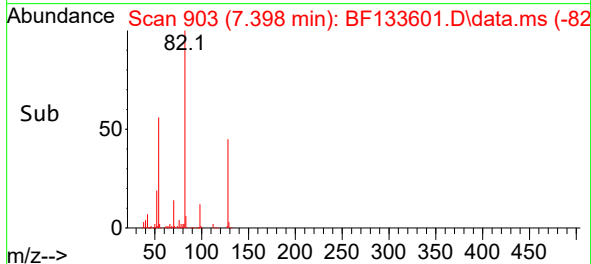
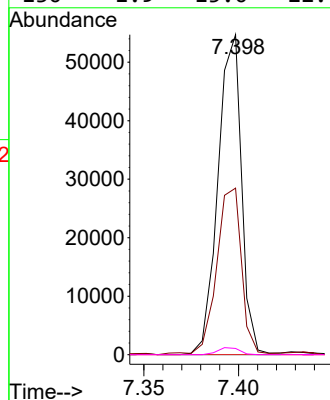
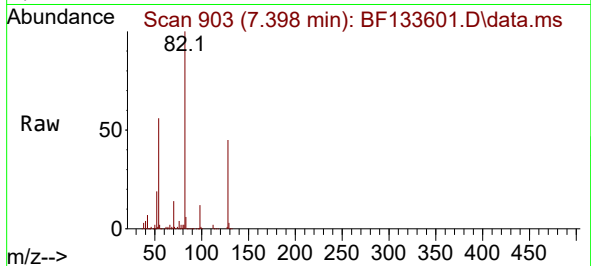




#19
n-Nitroso-di-n-propylamine
Concen: 7.864 ng
RT: 7.398 min Scan# 90
Delta R.T. 0.147 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

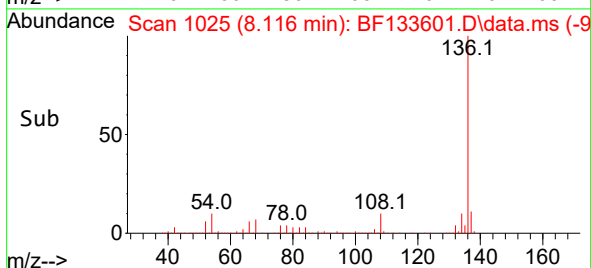
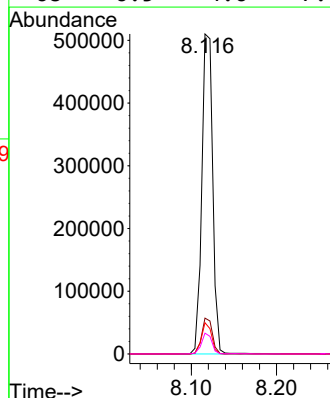
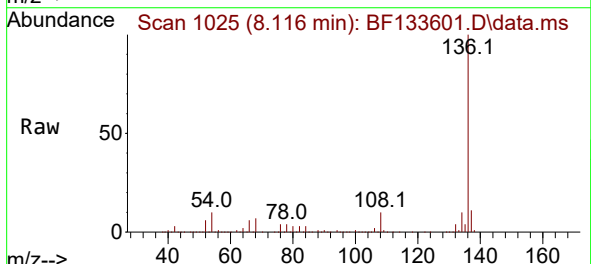
Instrument :
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ClientSampleId :
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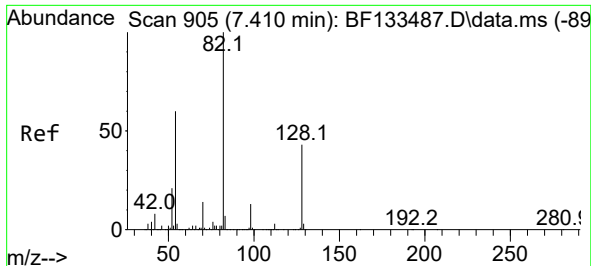
Tgt Ion: 70 Resp: 47389
Ion Ratio Lower Upper
70 100
42 52.0 57.2 85.8#
101 0.0 7.3 10.9#
130 1.9 15.0 22.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion: 136 Resp: 454889
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 9.8 6.6 10.0
68 6.5 4.6 7.0





#23

Nitrobenzene-d5

Concen: 50.005 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

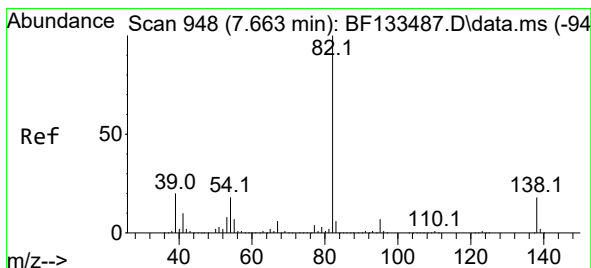
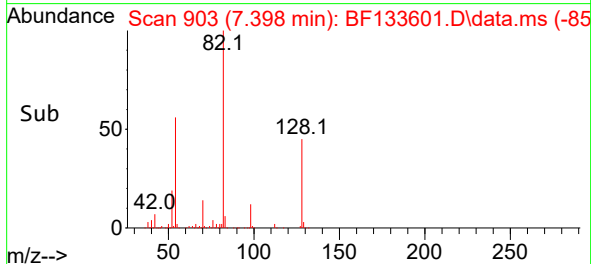
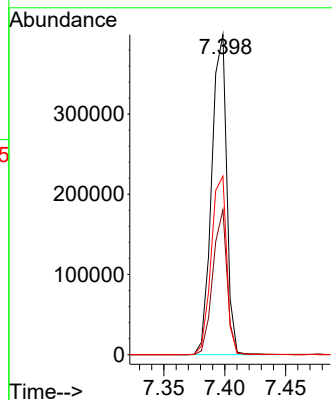
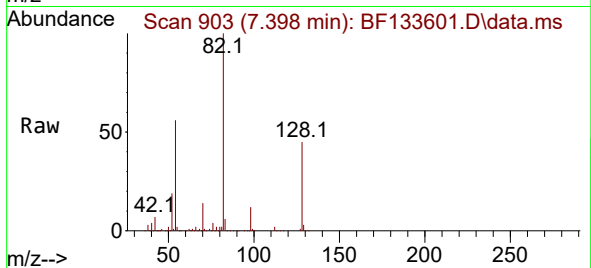
Tgt Ion: 82 Resp: 340683

Ion Ratio Lower Upper

82 100

128 45.3 34.2 51.4

54 55.8 48.2 72.4



#25

Isophorone

Concen: 21.456 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.259 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

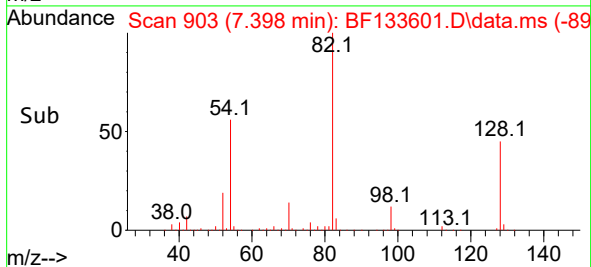
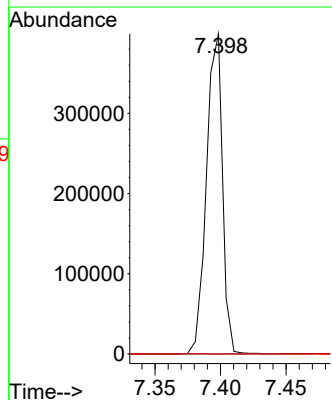
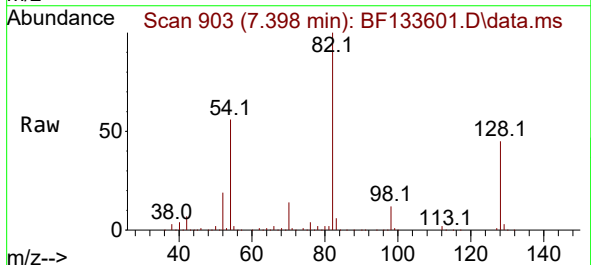
Tgt Ion: 82 Resp: 340678

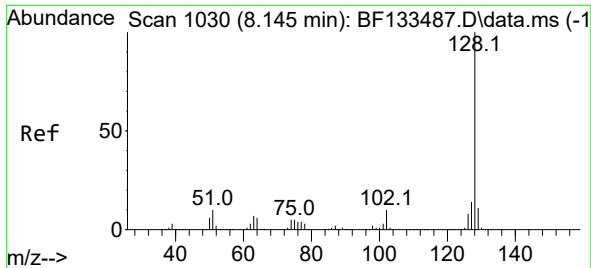
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.4#

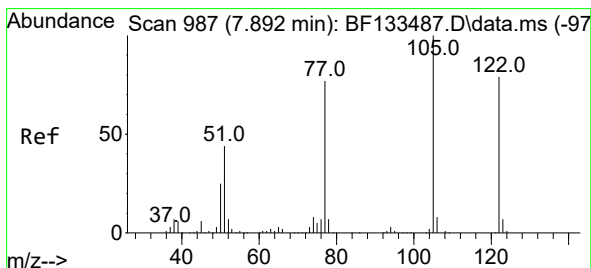
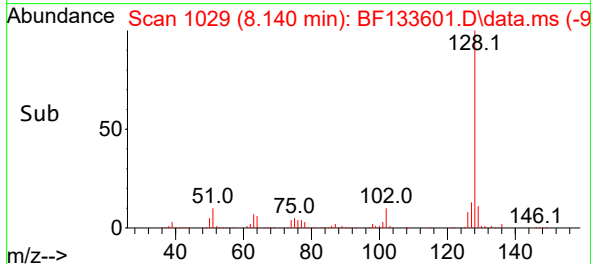
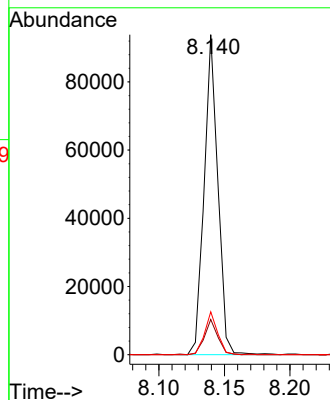
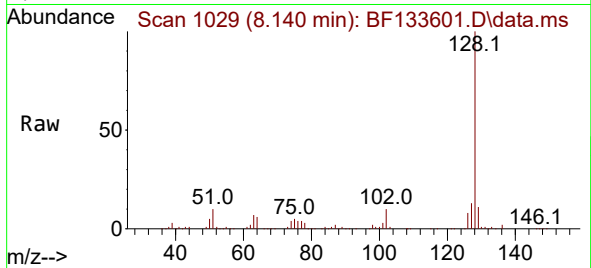




#31
Naphthalene
Concen: 3.106 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

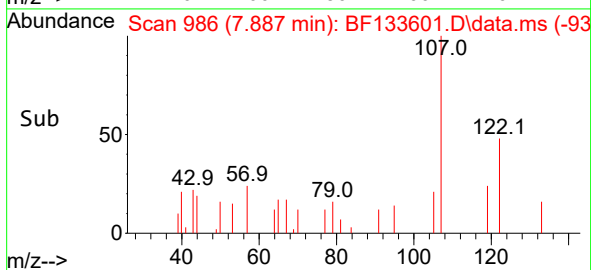
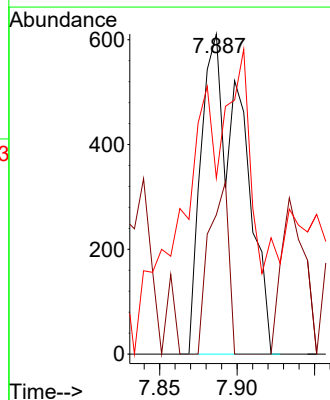
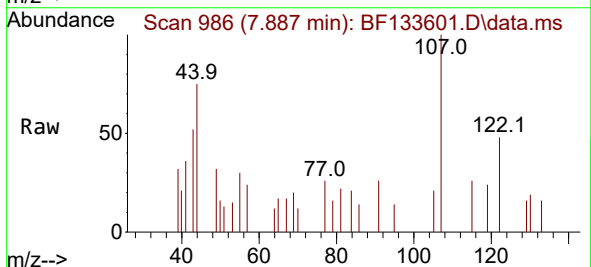
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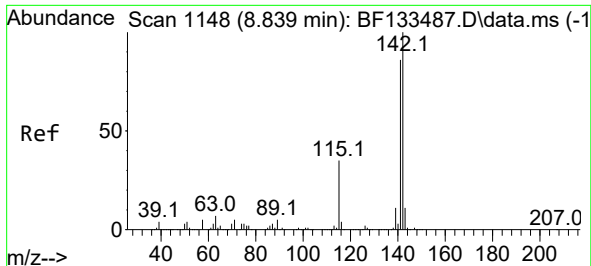
Tgt Ion:128 Resp: 68507
Ion Ratio Lower Upper
128 100
129 11.0 9.2 13.8
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 7.564 ng
RT: 7.887 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:122 Resp: 1128
Ion Ratio Lower Upper
122 100
105 43.5 103.3 143.3#
77 55.0 75.7 115.7#





#37

2-Methylnaphthalene

Concen: 2.272 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

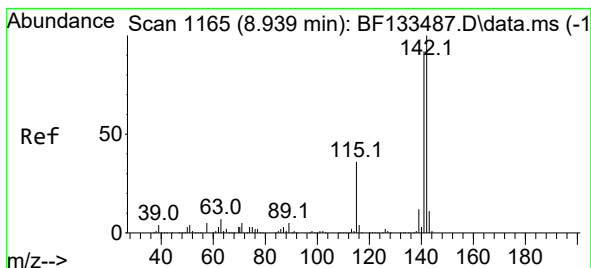
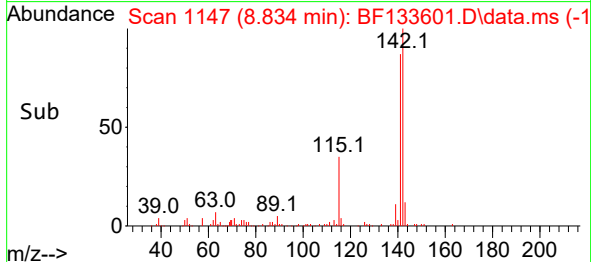
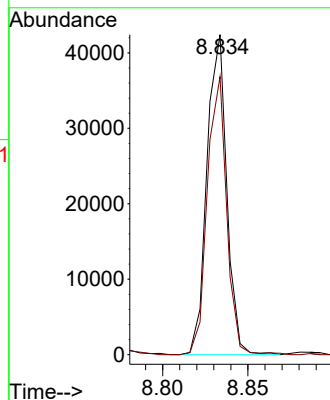
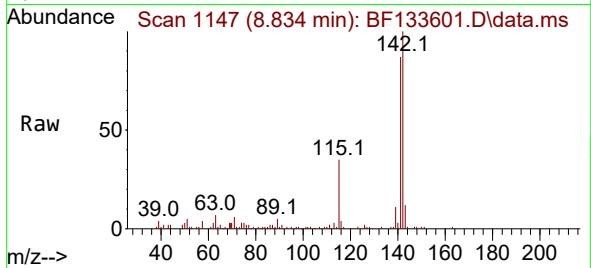
SB02

Tgt Ion:142 Resp: 34218

Ion Ratio Lower Upper

142 100

141 86.9 69.2 103.8



#38

1-Methylnaphthalene

Concen: 2.061 ng

RT: 8.928 min Scan# 1163

Delta R.T. -0.006 min

Lab File: BF133601.D

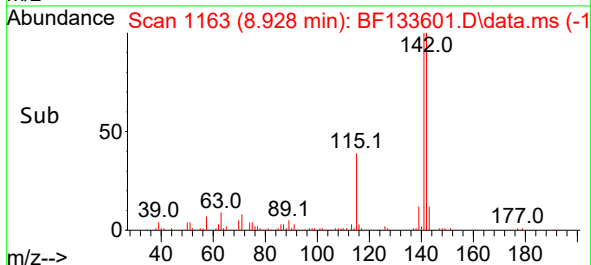
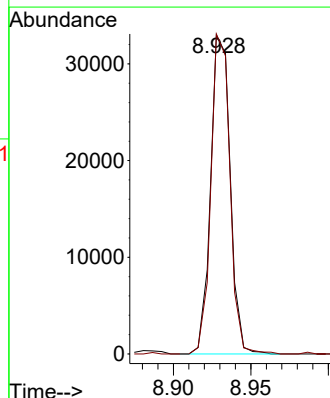
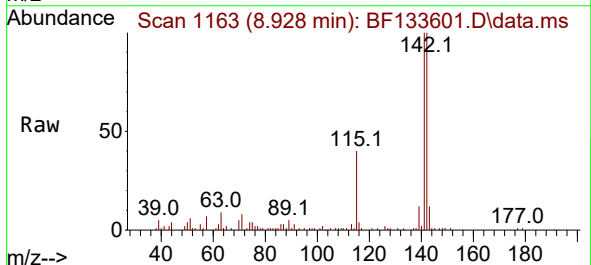
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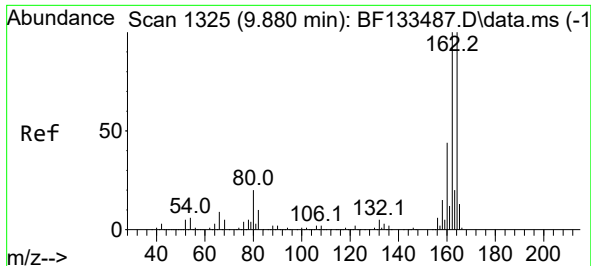
Tgt Ion:142 Resp: 28934

Ion Ratio Lower Upper

142 100

141 100.3 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

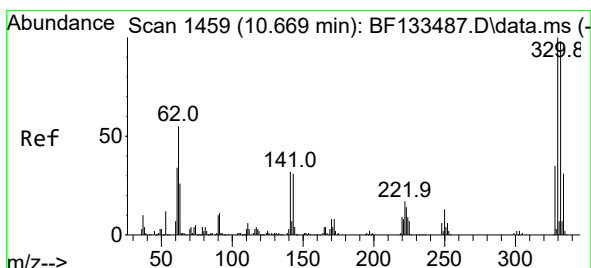
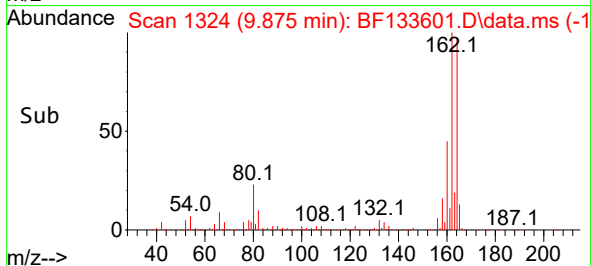
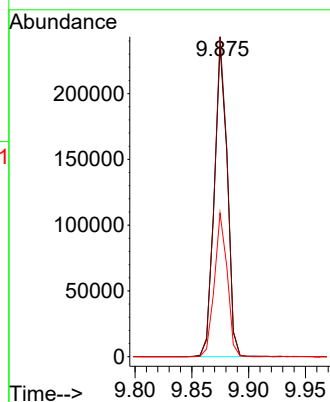
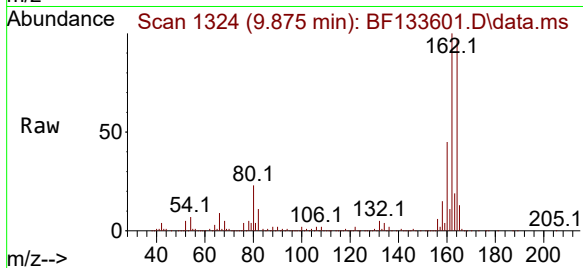
Tgt Ion:164 Resp: 188660

Ion Ratio Lower Upper

164 100

162 103.0 79.7 119.5

160 46.2 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 61.084 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

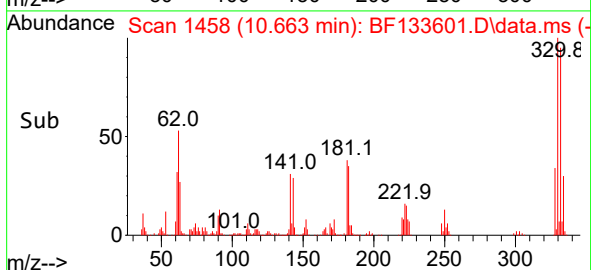
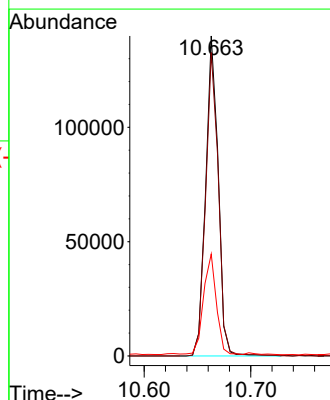
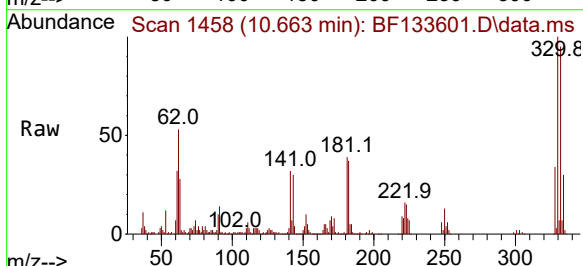
Tgt Ion:330 Resp: 114875

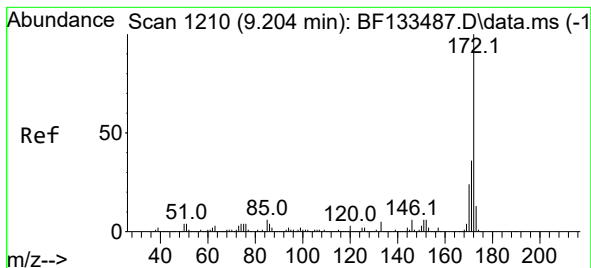
Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

141 32.0 26.6 40.0





#45

2-Fluorobiphenyl

Concen: 51.787 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

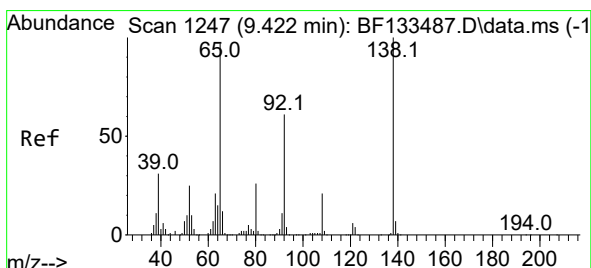
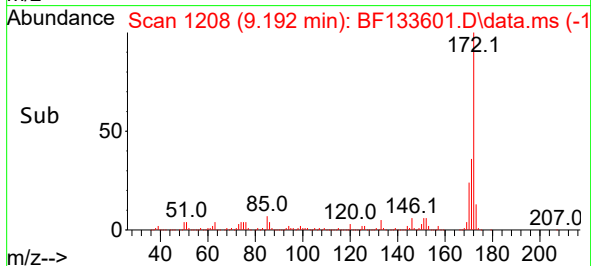
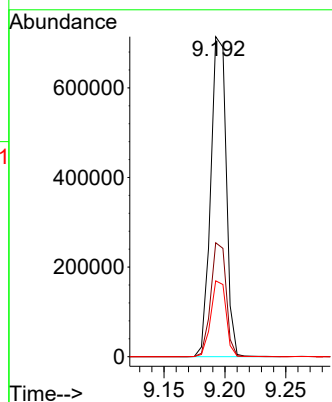
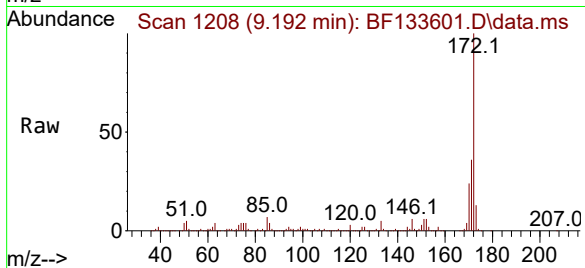
Tgt Ion:172 Resp: 633005

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.3 28.9



#48

2-Nitroaniline

Concen: 4.159 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

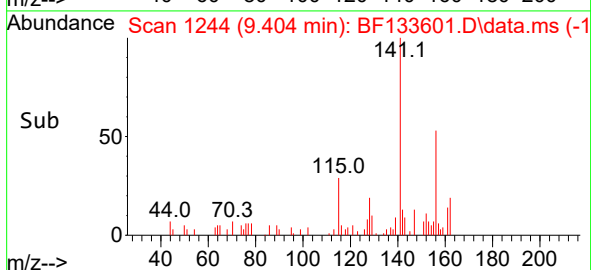
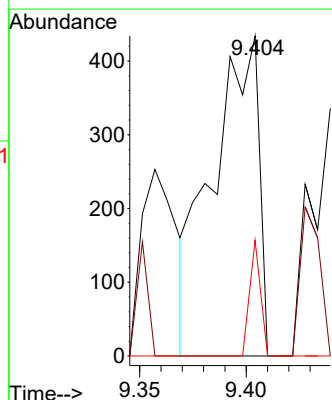
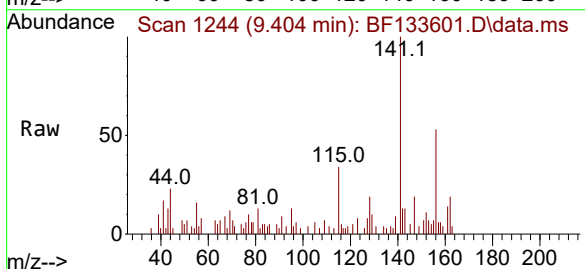
Tgt Ion: 65 Resp: 655

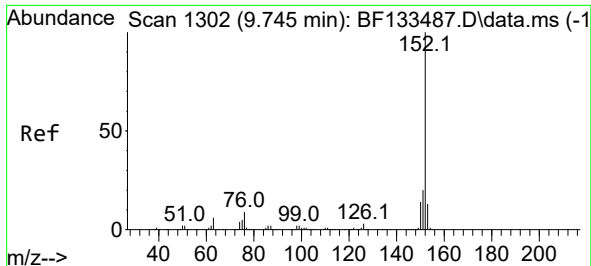
Ion Ratio Lower Upper

65 100

92 0.0 50.8 76.2#

138 36.2 82.6 124.0#





#49

Acenaphthylene

Concen: 8.733 ng

RT: 9.734 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

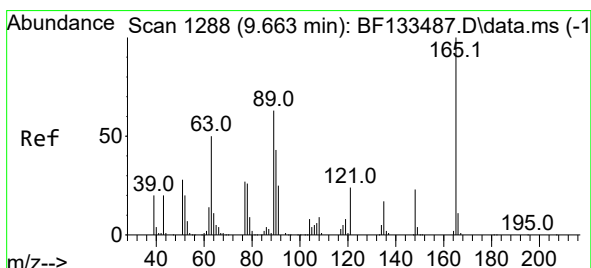
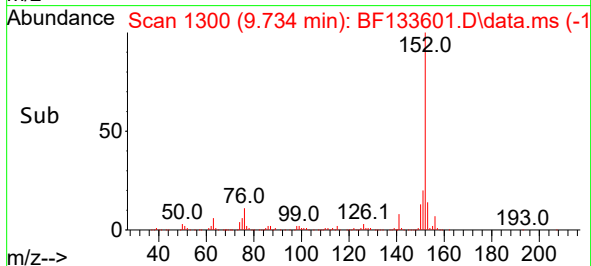
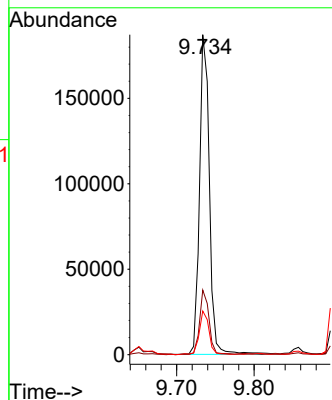
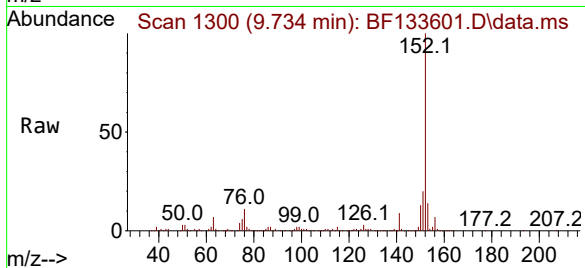
Tgt Ion:152 Resp: 165559

Ion Ratio Lower Upper

152 100

151 20.2 16.0 24.0

153 13.7 10.4 15.6



#51

2,6-Dinitrotoluene

Concen: 13.656 ng

RT: 9.875 min Scan# 1324

Delta R.T. 0.212 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

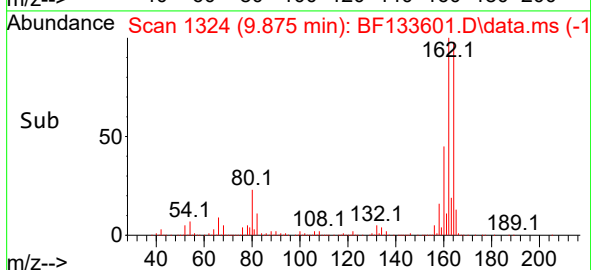
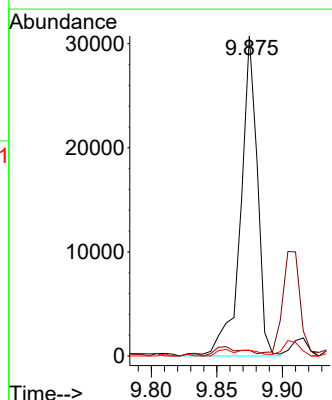
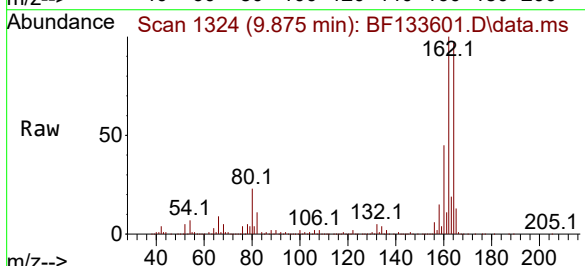
Tgt Ion:165 Resp: 27233

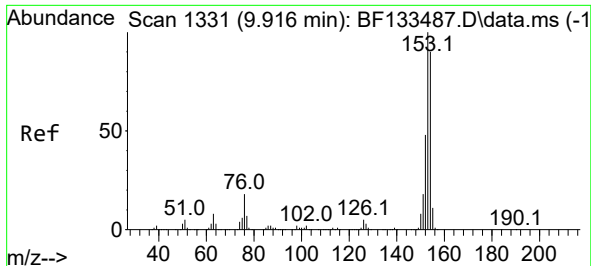
Ion Ratio Lower Upper

165 100

63 1.8 57.0 85.4#

89 1.8 50.8 76.2#

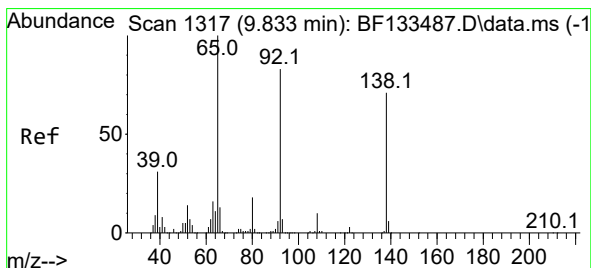
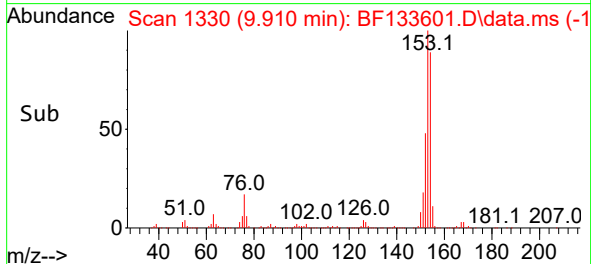
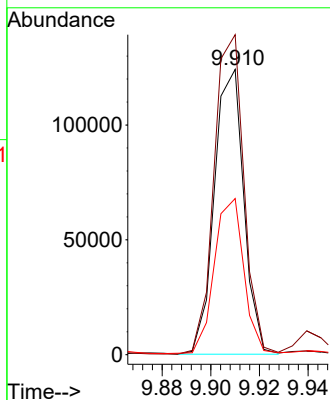
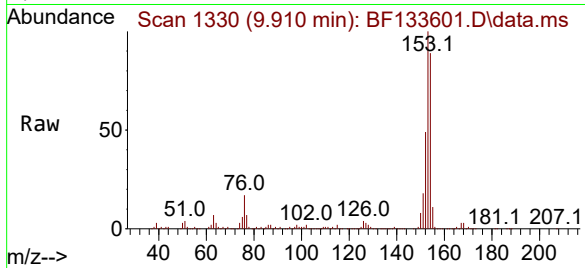




#52
Acenaphthene
Concen: 9.084 ng
RT: 9.910 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

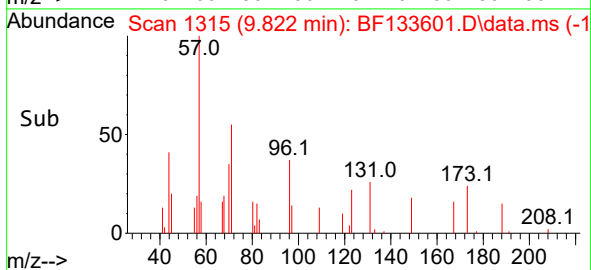
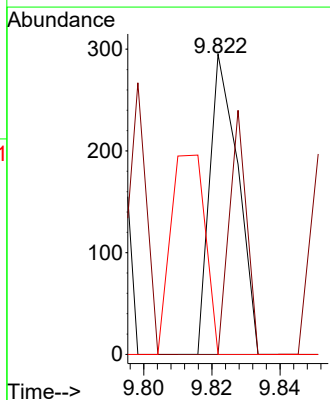
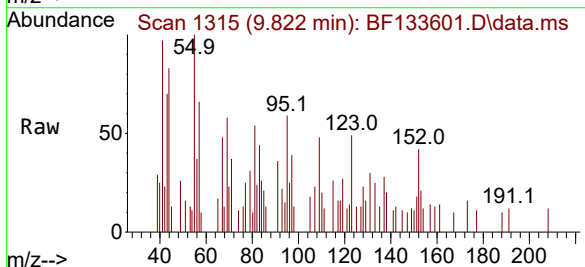
Instrument :
BNA_F
ClientSampleId :
SB02

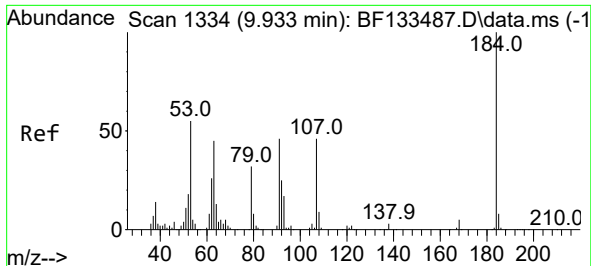
Tgt Ion:154 Resp: 104312
Ion Ratio Lower Upper
154 100
153 112.2 89.2 133.8
152 54.7 43.1 64.7



#53
3-Nitroaniline
Concen: 3.230 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:138 Resp: 170
Ion Ratio Lower Upper
138 100
108 0.0 11.9 17.9#
92 0.0 93.1 139.7#

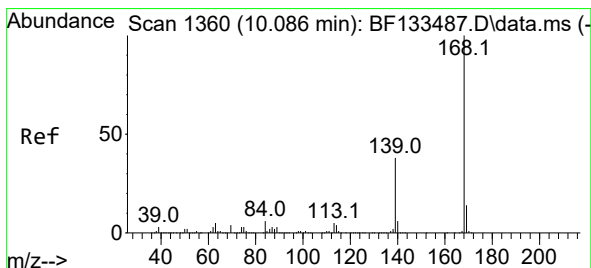
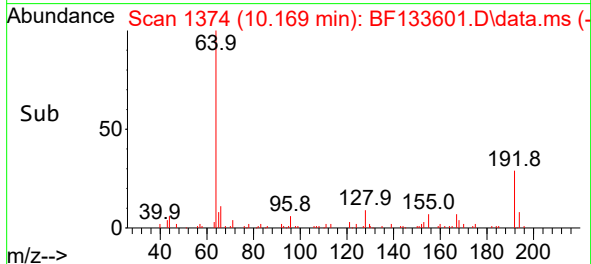
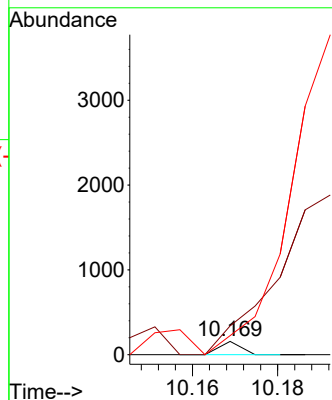
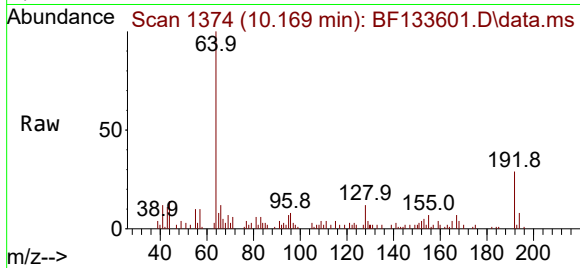




#54
2,4-Dinitrophenol
Concen: 6.568 ng
RT: 10.169 min Scan# 11
Delta R.T. 0.236 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

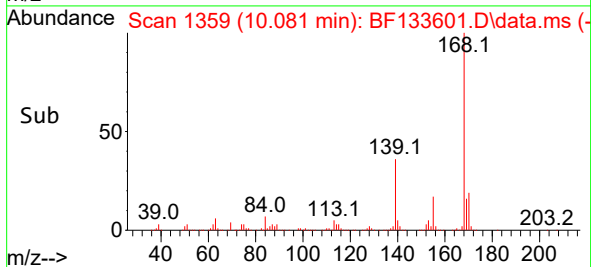
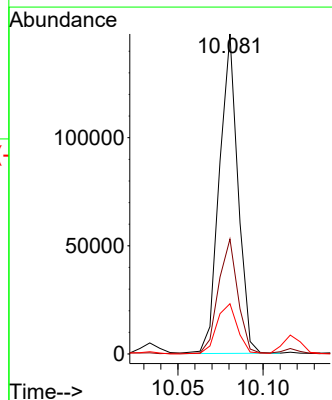
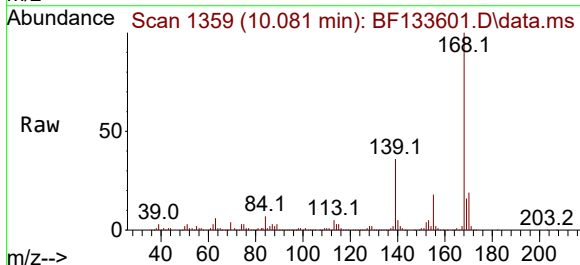
Instrument :
BNA_F
ClientSampleId :
SB02

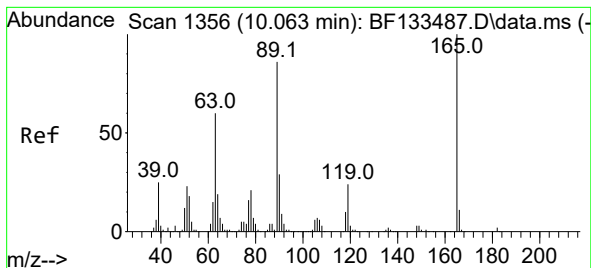
Tgt Ion:184 Resp: 55
Ion Ratio Lower Upper
184 100
63 215.9 55.7 83.5#
154 142.7 49.3 73.9#



#55
Dibenzofuran
Concen: 6.546 ng
RT: 10.081 min Scan# 1359
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:168 Resp: 111838
Ion Ratio Lower Upper
168 100
139 35.9 30.6 46.0
169 15.7 10.9 16.3





#57

2,4-Dinitrotoluene

Concen: 5.176 ng

RT: 10.075 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

Tgt Ion:165 Resp: 1492

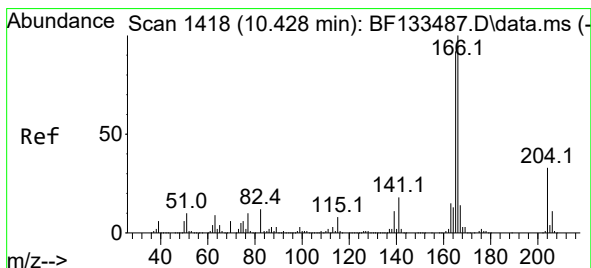
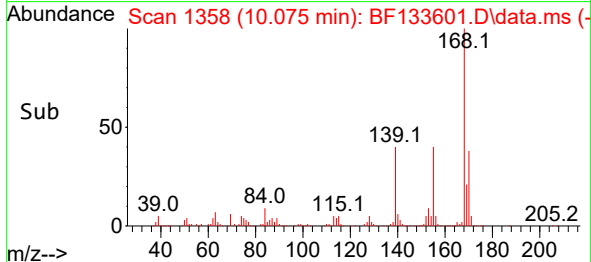
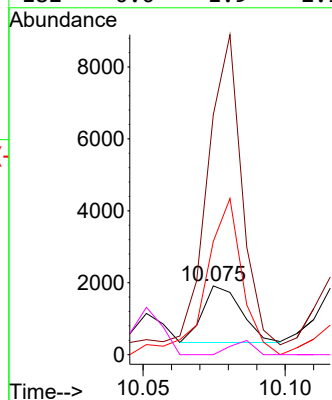
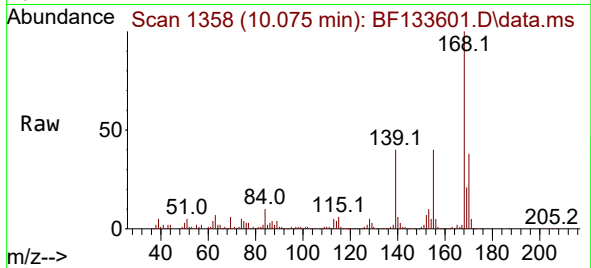
Ion Ratio Lower Upper

165 100

63 349.1 48.1 72.1#

89 164.7 68.4 102.6#

182 0.0 1.9 2.9#



#58

Fluorene

Concen: 16.737 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

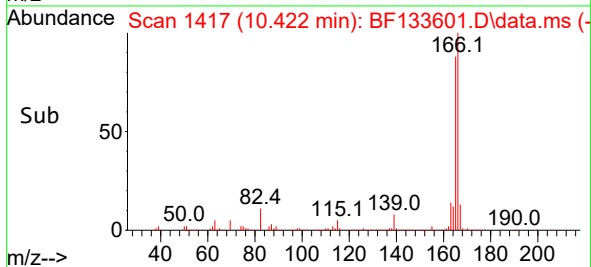
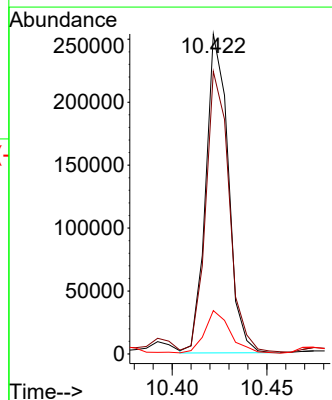
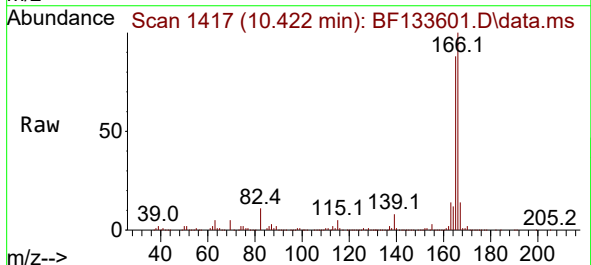
Tgt Ion:166 Resp: 209493

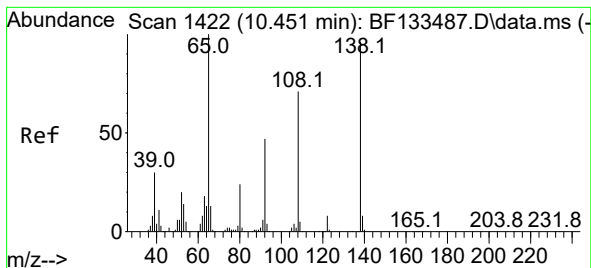
Ion Ratio Lower Upper

166 100

165 88.3 73.4 110.0

167 13.5 10.9 16.3

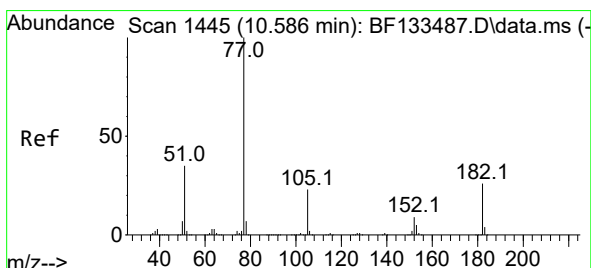
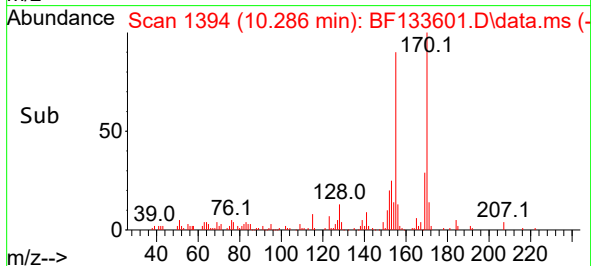
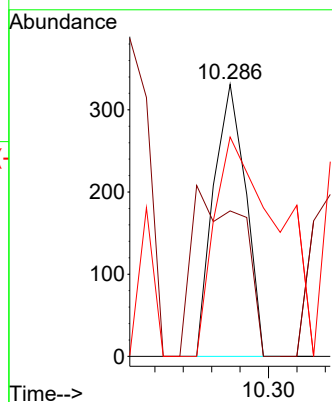
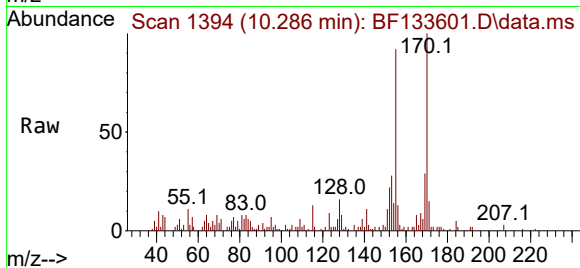




#62
4-Nitroaniline
Concen: 3.061 ng
RT: 10.286 min Scan# 11
Delta R.T. -0.159 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

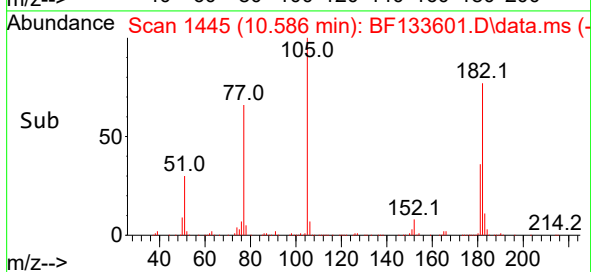
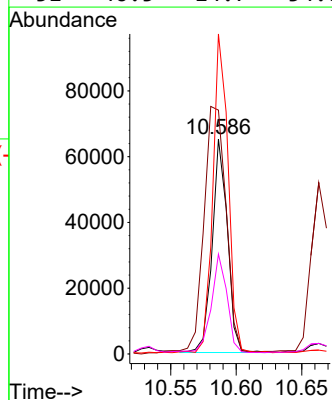
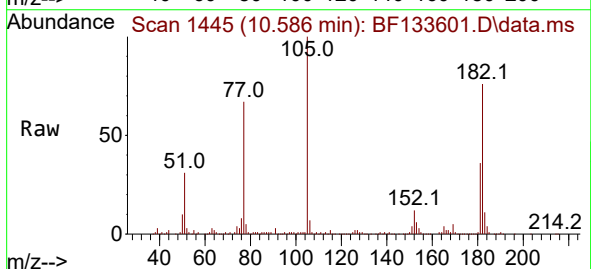
Instrument :
BNA_F
ClientSampleId :
SB02

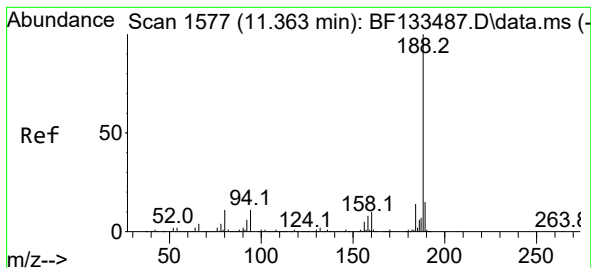
Tgt Ion:138 Resp: 260
Ion Ratio Lower Upper
138 100
92 53.5 28.4 68.4
108 80.7 54.2 94.2



#63
Azobenzene
Concen: 3.808 ng
RT: 10.586 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion: 77 Resp: 52464
Ion Ratio Lower Upper
77 100
182 113.5 5.6 45.6#
105 148.9 2.6 42.6#
51 46.5 14.7 54.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

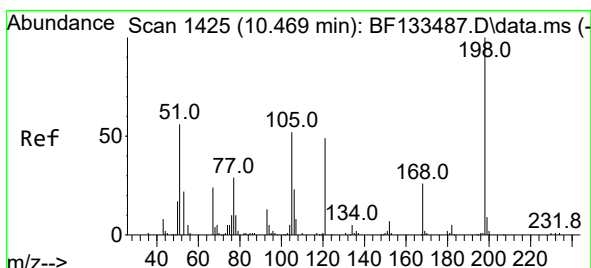
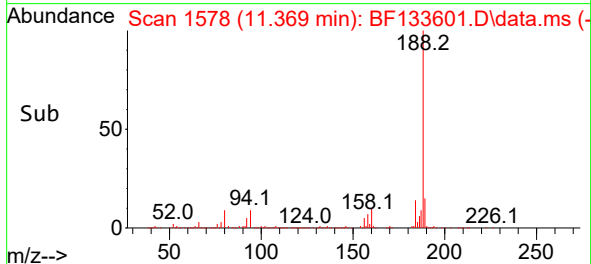
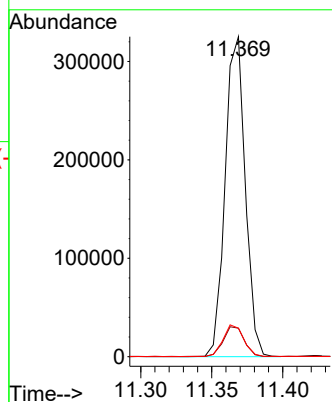
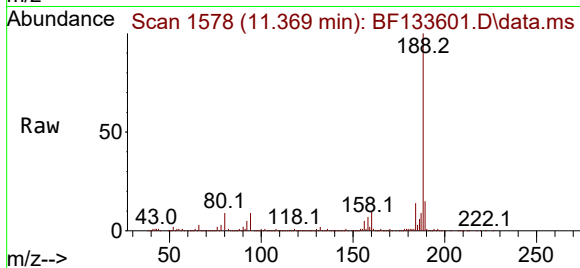
Tgt Ion:188 Resp: 320674

Ion Ratio Lower Upper

188 100

94 8.9 8.6 12.8

80 8.9 9.2 13.8#



#65

4,6-Dinitro-2-methylphenol

Concen: 8.747 ng

RT: 10.616 min Scan# 1450

Delta R.T. 0.141 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

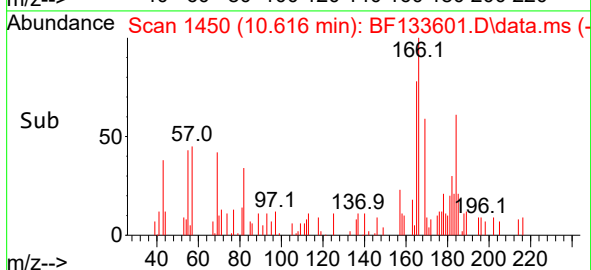
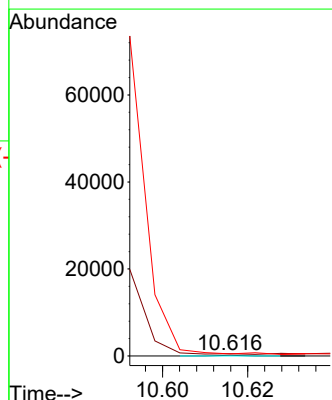
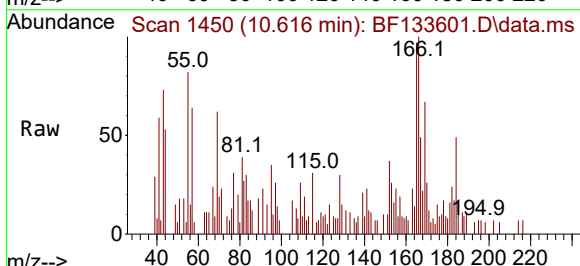
Tgt Ion:198 Resp: 56

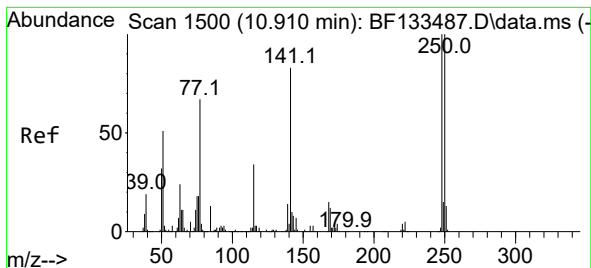
Ion Ratio Lower Upper

198 100

51 315.7 53.6 93.6#

105 297.5 35.9 75.9#

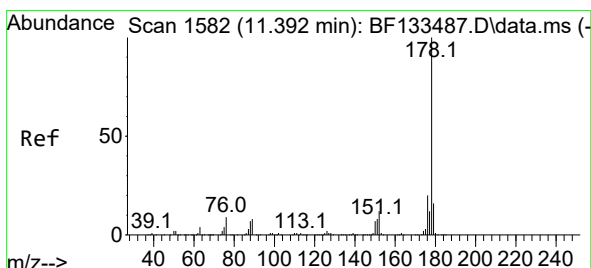
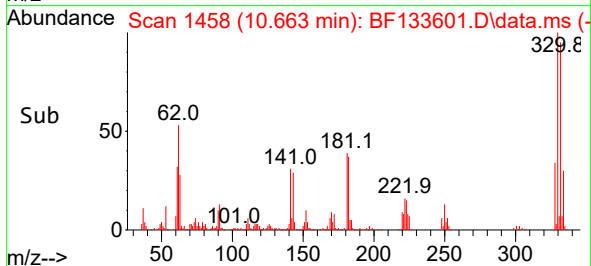
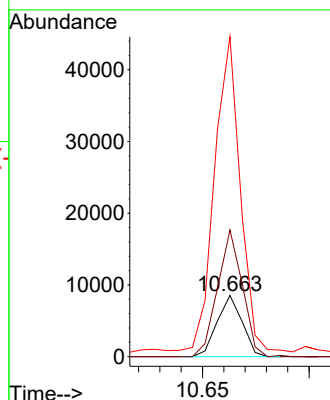
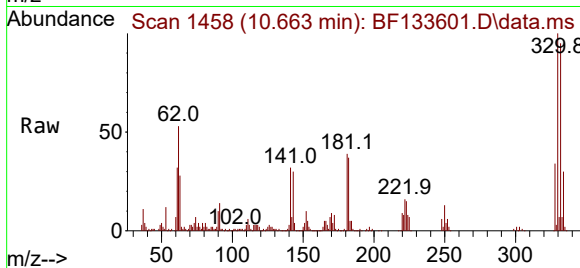




#67
4-Bromophenyl-phenylether
Concen: 2.041 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

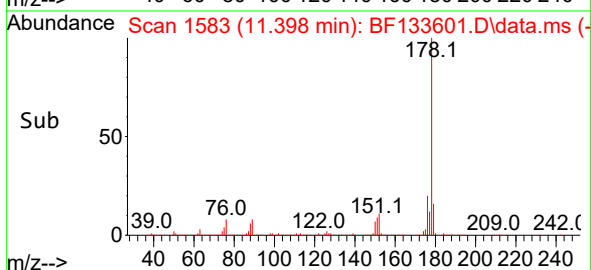
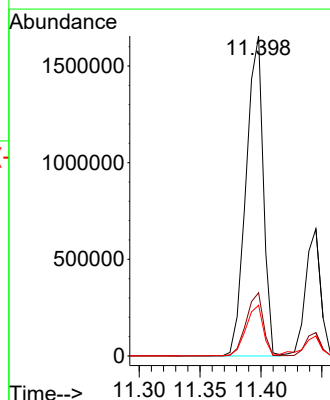
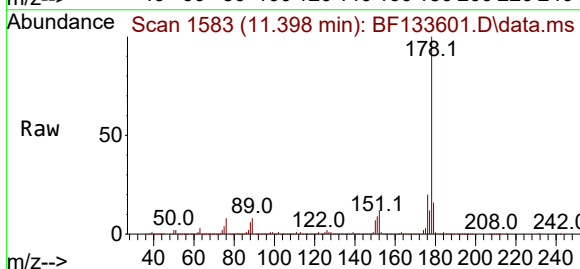
Instrument :
BNA_F
ClientSampleId :
SB02

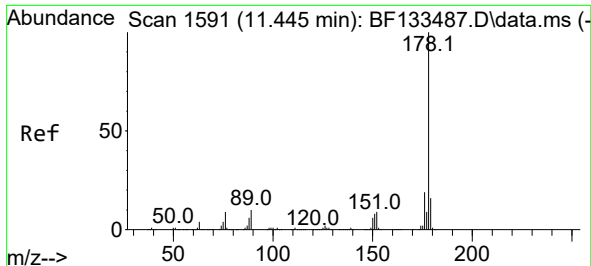
Tgt Ion:248 Resp: 6952
Ion Ratio Lower Upper
248 100
250 206.9 79.7 119.5#
141 522.3 66.6 100.0#



#71
Phenanthrene
Concen: 100.402 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:178 Resp: 1630714
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.4 18.6

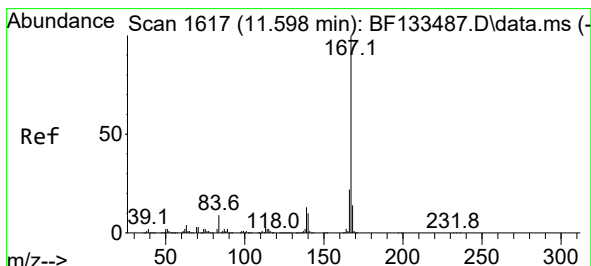
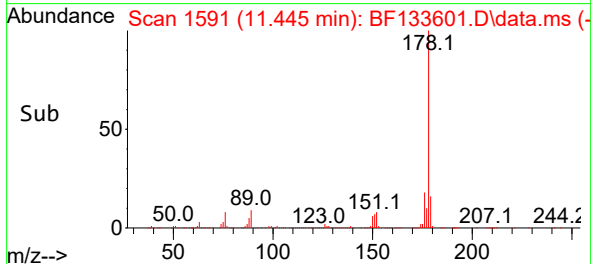
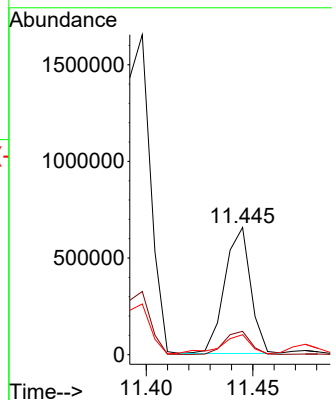
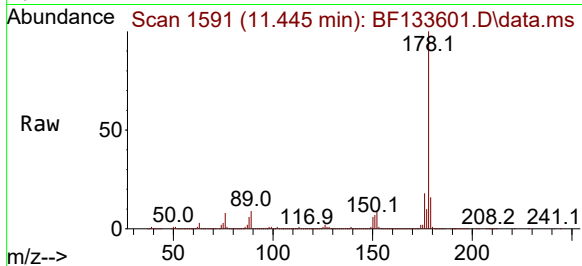




#72
 Anthracene
 Concen: 33.098 ng
 RT: 11.445 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133601.D
 Acq: 06 Jun 2023 20:22

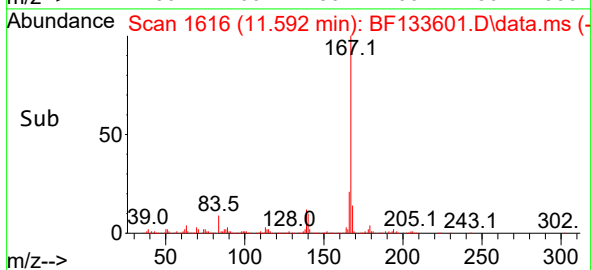
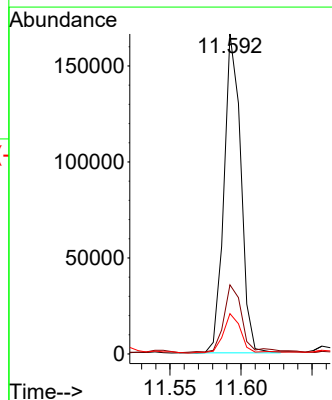
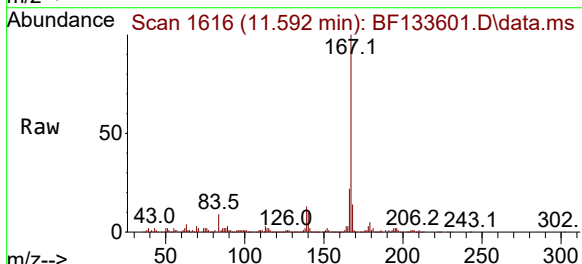
Instrument :
 BNA_F
 ClientSampleId :
 SB02

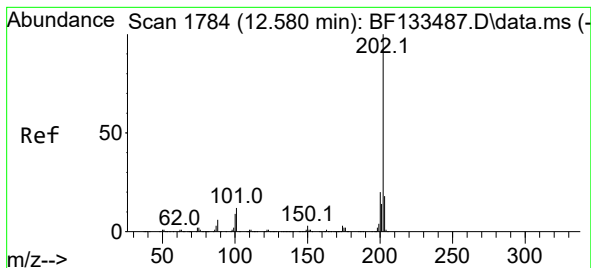
Tgt Ion:178 Resp: 553264
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.3 22.9
 179 15.7 12.6 18.8



#73
 Carbazole
 Concen: 8.647 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133601.D
 Acq: 06 Jun 2023 20:22

Tgt Ion:167 Resp: 136703
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 12.6 10.7 16.1





#75

Fluoranthene

Concen: 133.809 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

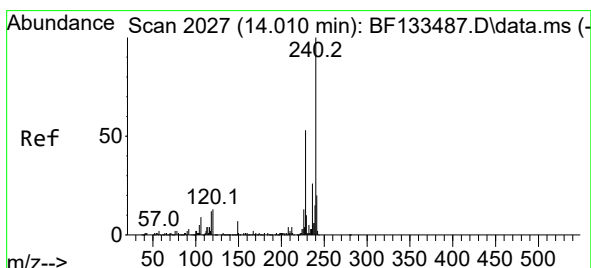
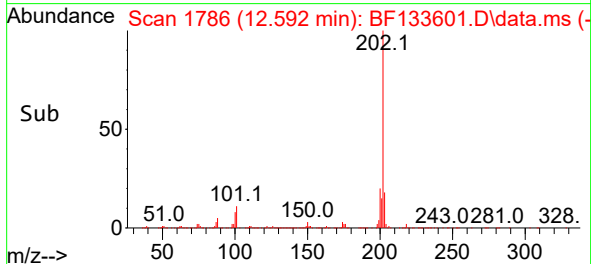
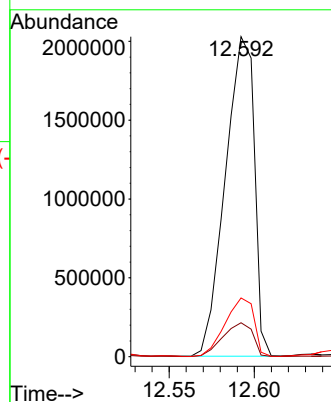
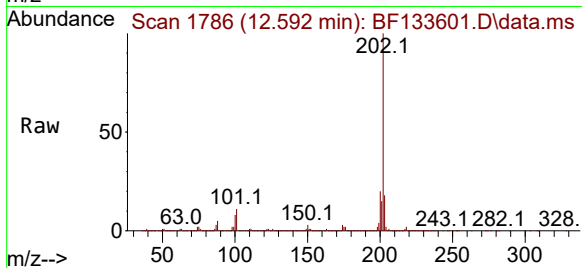
Tgt Ion:202 Resp: 2400591

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.2

203 18.4 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 2029

Delta R.T. 0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

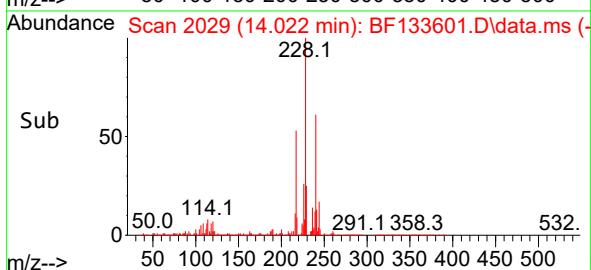
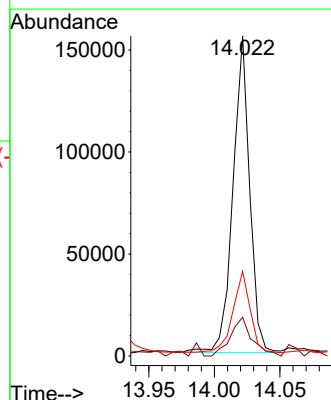
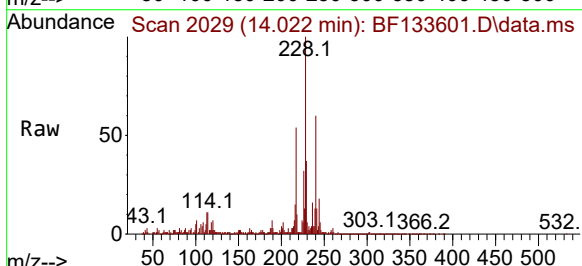
Tgt Ion:240 Resp: 138166

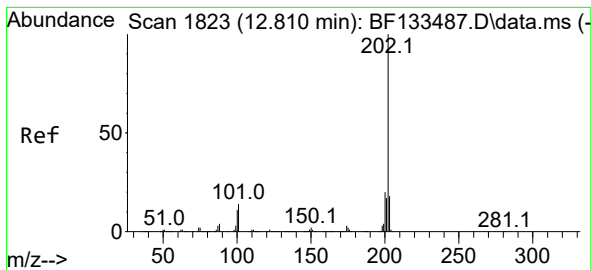
Ion Ratio Lower Upper

240 100

120 12.1 10.3 15.5

236 26.5 20.5 30.7





#78

Pyrene

Concen: 189.199 ng

RT: 12.827 min Scan# 1826

Delta R.T. 0.018 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

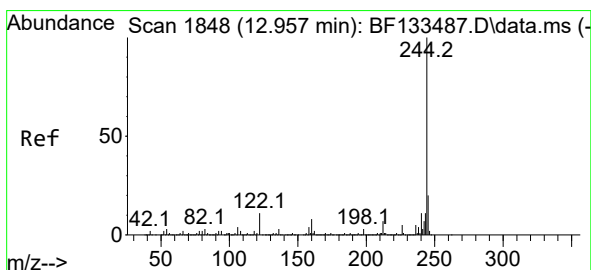
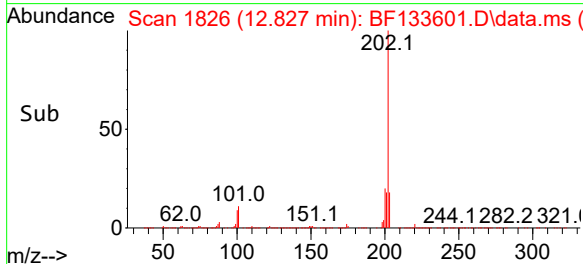
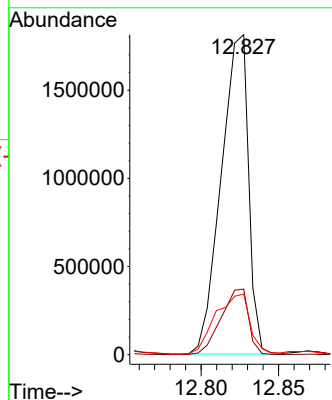
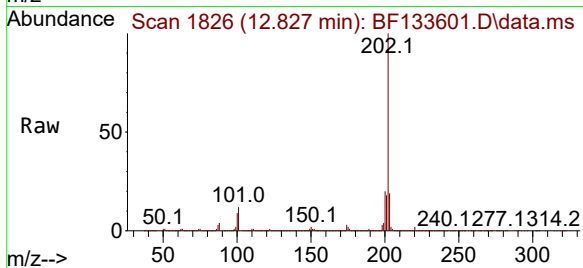
Tgt Ion:202 Resp: 2224474

Ion Ratio Lower Upper

202 100

200 20.5 16.3 24.5

203 19.0 14.3 21.5



#79

Terphenyl-d14

Concen: 62.482 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.000 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

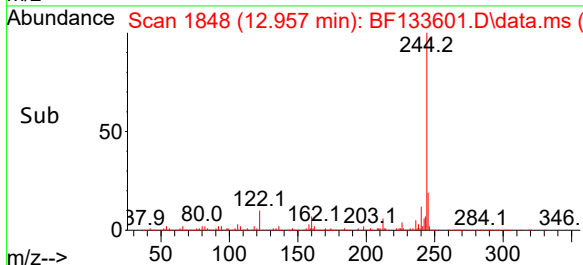
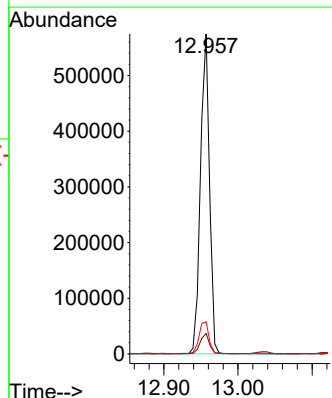
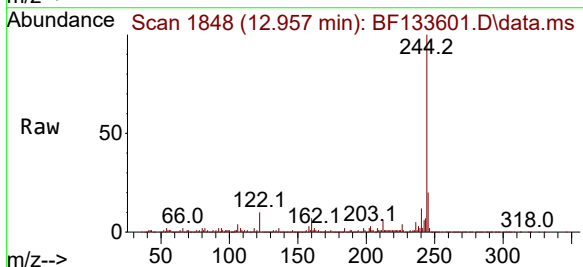
Tgt Ion:244 Resp: 485541

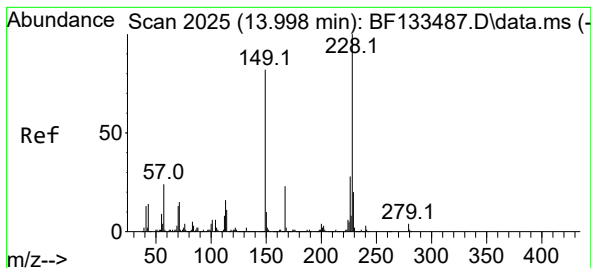
Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.6

122 10.1 8.5 12.7





#81

Benzo(a)anthracene

Concen: 135.331 ng

RT: 14.010 min Scan# 2027

Delta R.T. 0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

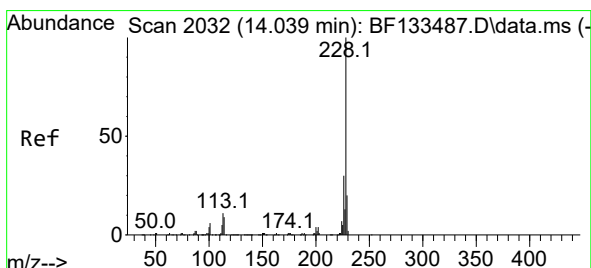
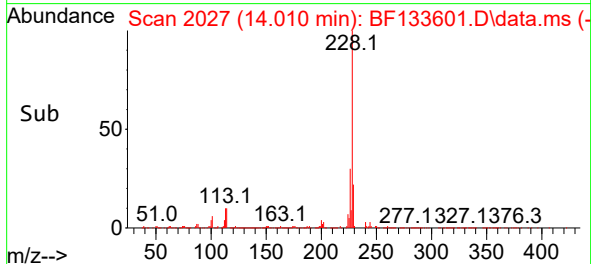
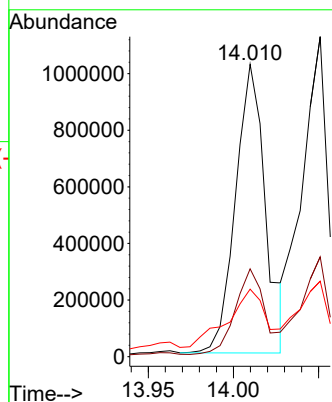
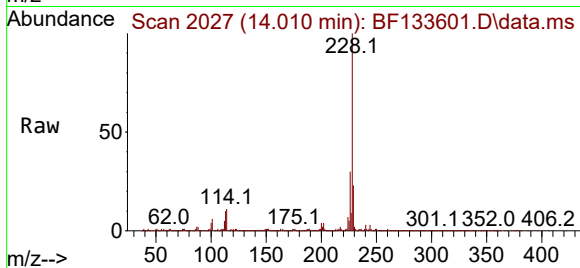
Tgt Ion:228 Resp: 1245613

Ion Ratio Lower Upper

228 100

226 30.1 22.3 33.5

229 23.1 16.1 24.1



#83

Chrysene

Concen: 126.937 ng

RT: 14.051 min Scan# 2034

Delta R.T. 0.012 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

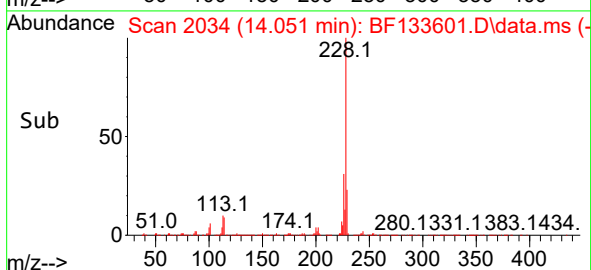
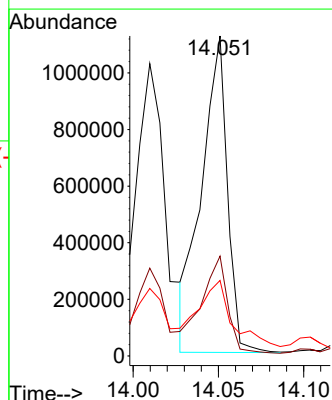
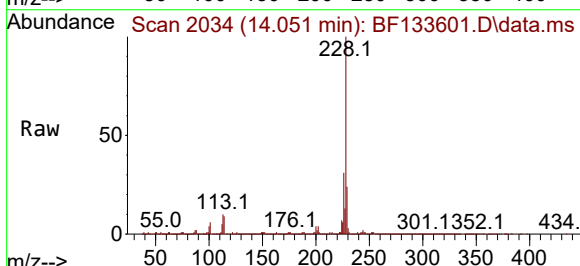
Tgt Ion:228 Resp: 1179467

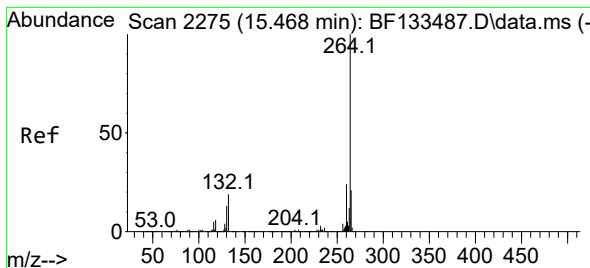
Ion Ratio Lower Upper

228 100

226 31.2 24.1 36.1

229 23.6 15.8 23.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

Instrument :

BNA_F

ClientSampleId :

SB02

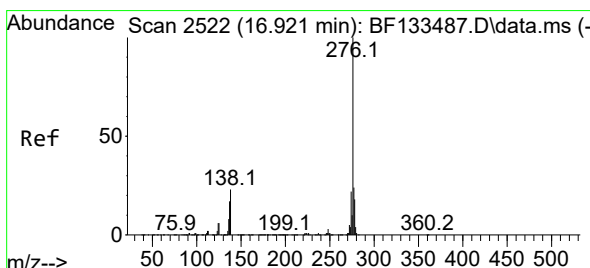
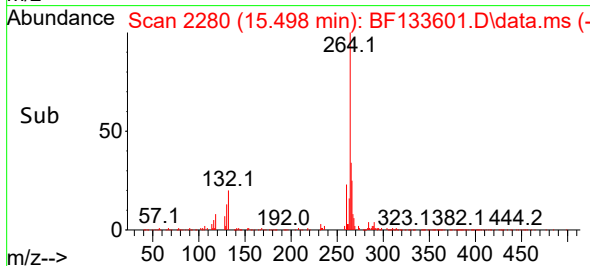
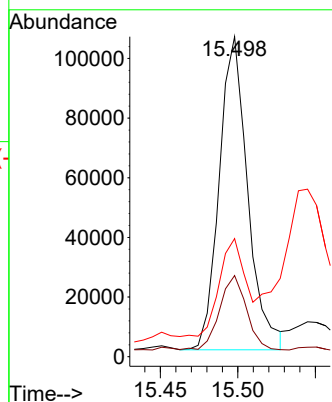
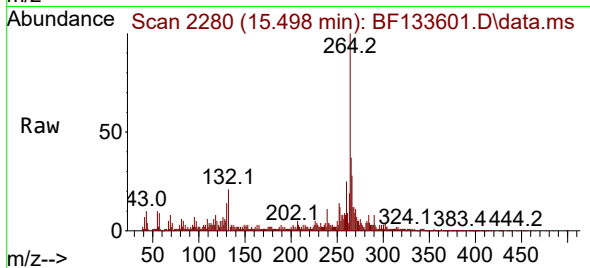
Tgt Ion:264 Resp: 134350

Ion Ratio Lower Upper

264 100

260 25.3 19.0 28.4

265 36.9 16.8 25.2#



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.841 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.053 min

Lab File: BF133601.D

Acq: 06 Jun 2023 20:22

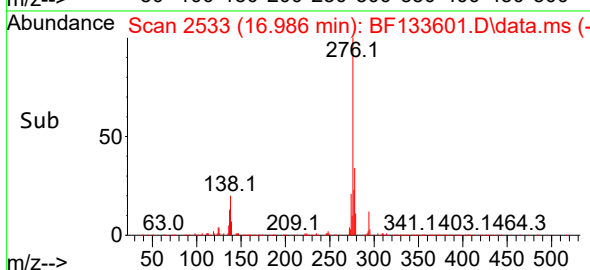
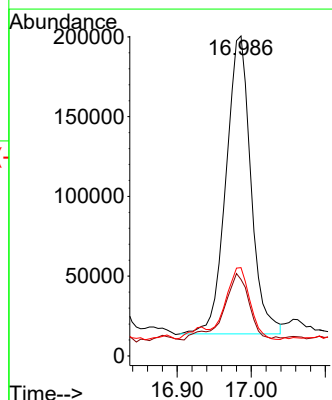
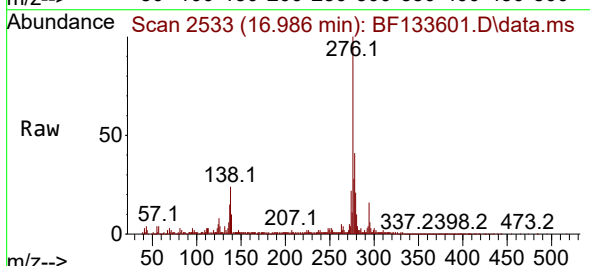
Tgt Ion:276 Resp: 435096

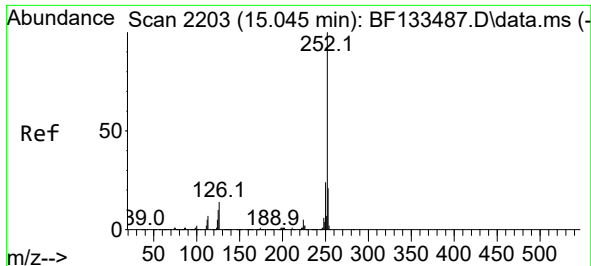
Ion Ratio Lower Upper

276 100

138 23.1 21.4 32.2

277 23.7 20.0 30.0

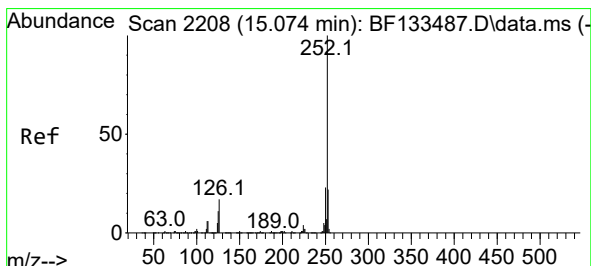
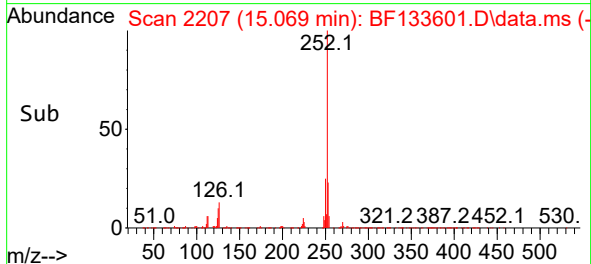
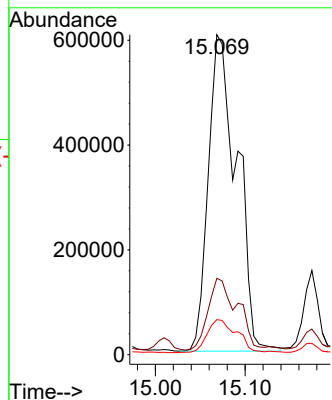
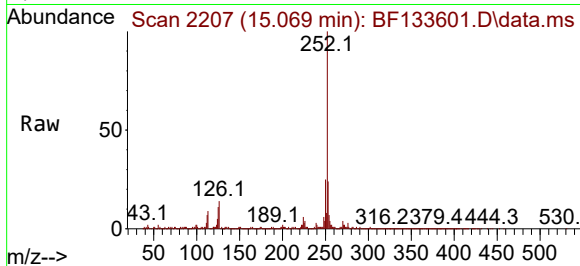




#88
Benzo(b)fluoranthene
Concen: 153.044 ng
RT: 15.069 min Scan# 21
Delta R.T. 0.024 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

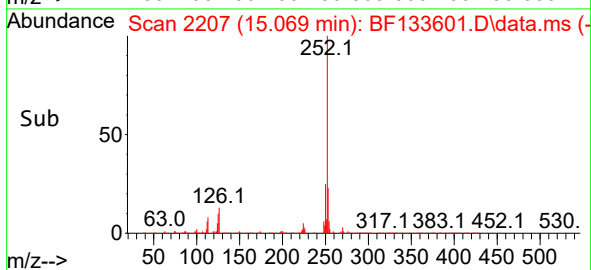
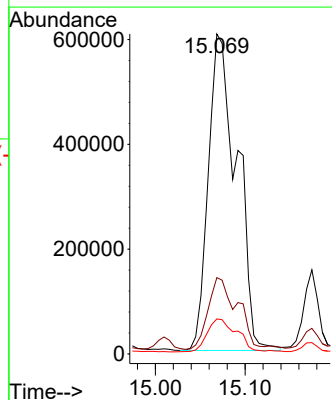
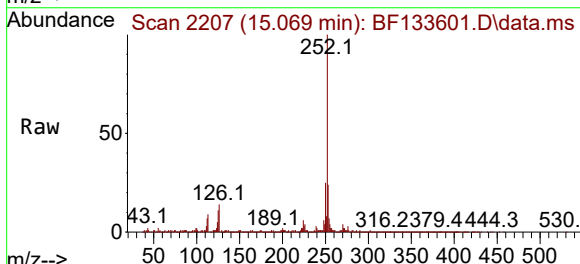
Instrument :
BNA_F
ClientSampleId :
SB02

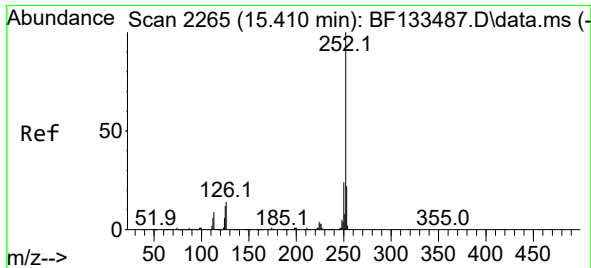
Tgt Ion:252 Resp: 1338903
Ion Ratio Lower Upper
252 100
253 23.9 17.2 25.8
125 11.0 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 156.956 ng
RT: 15.069 min Scan# 2207
Delta R.T. -0.006 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

Tgt Ion:252 Resp: 1338903
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 11.0 8.3 12.5

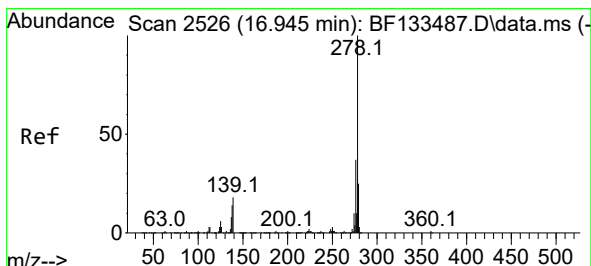
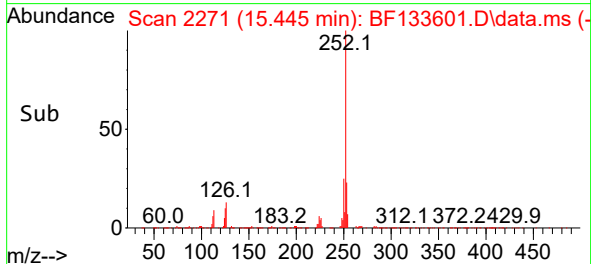
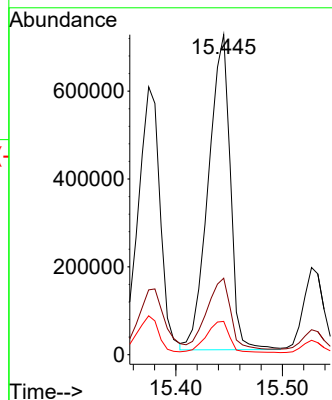
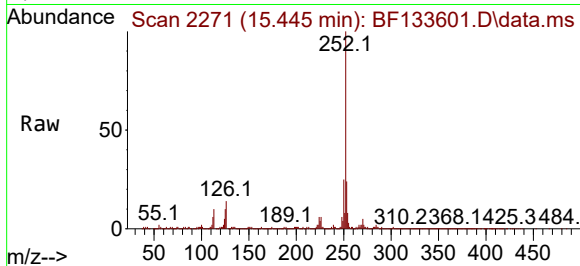




#90
Benzo(a)pyrene
Concen: 128.434 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.036 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

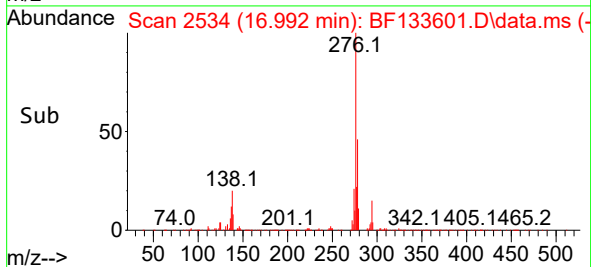
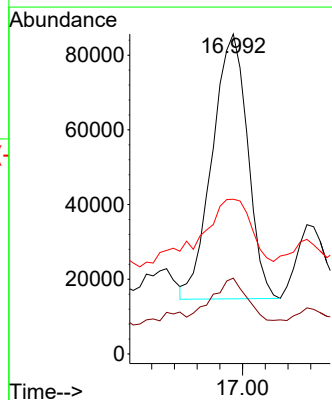
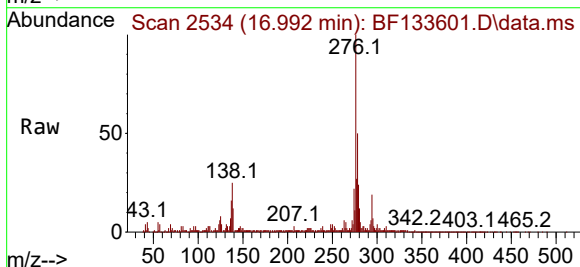
Instrument :
BNA_F
ClientSampleId :
SB02

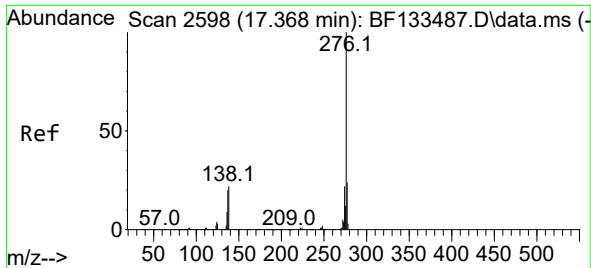
Tgt Ion:252 Resp: 1022413
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.0
125 10.4 9.4 14.0



#91
Dibenzo(a,h)anthracene
Concen: 22.106 ng
RT: 16.992 min Scan# 2534
Delta R.T. 0.041 min
Lab File: BF133601.D
Acq: 06 Jun 2023 20:22

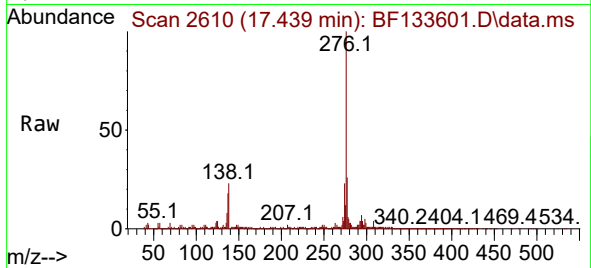
Tgt Ion:278 Resp: 153386
Ion Ratio Lower Upper
278 100
139 23.7 14.1 21.1#
279 48.4 19.7 29.5#





#92
 Benzo(g,h,i)perylene
 Concen: 98.104 ng
 RT: 17.439 min Scan# 20
 Delta R.T. 0.065 min
 Lab File: BF133601.D
 Acq: 06 Jun 2023 20:22

Instrument :
 BNA_F
 ClientSampleId :
 SB02



Tgt Ion:276 Resp: 686370
 Ion Ratio Lower Upper
 276 100
 277 26.3 18.8 28.2
 138 23.5 17.8 26.6

