

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133869.D
 Acq On : 21 Jun 2023 14:11
 Operator : CG\JU
 Sample : 03304-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 14:39:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 13:43:46 2023
 Response via : Initial Calibration

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

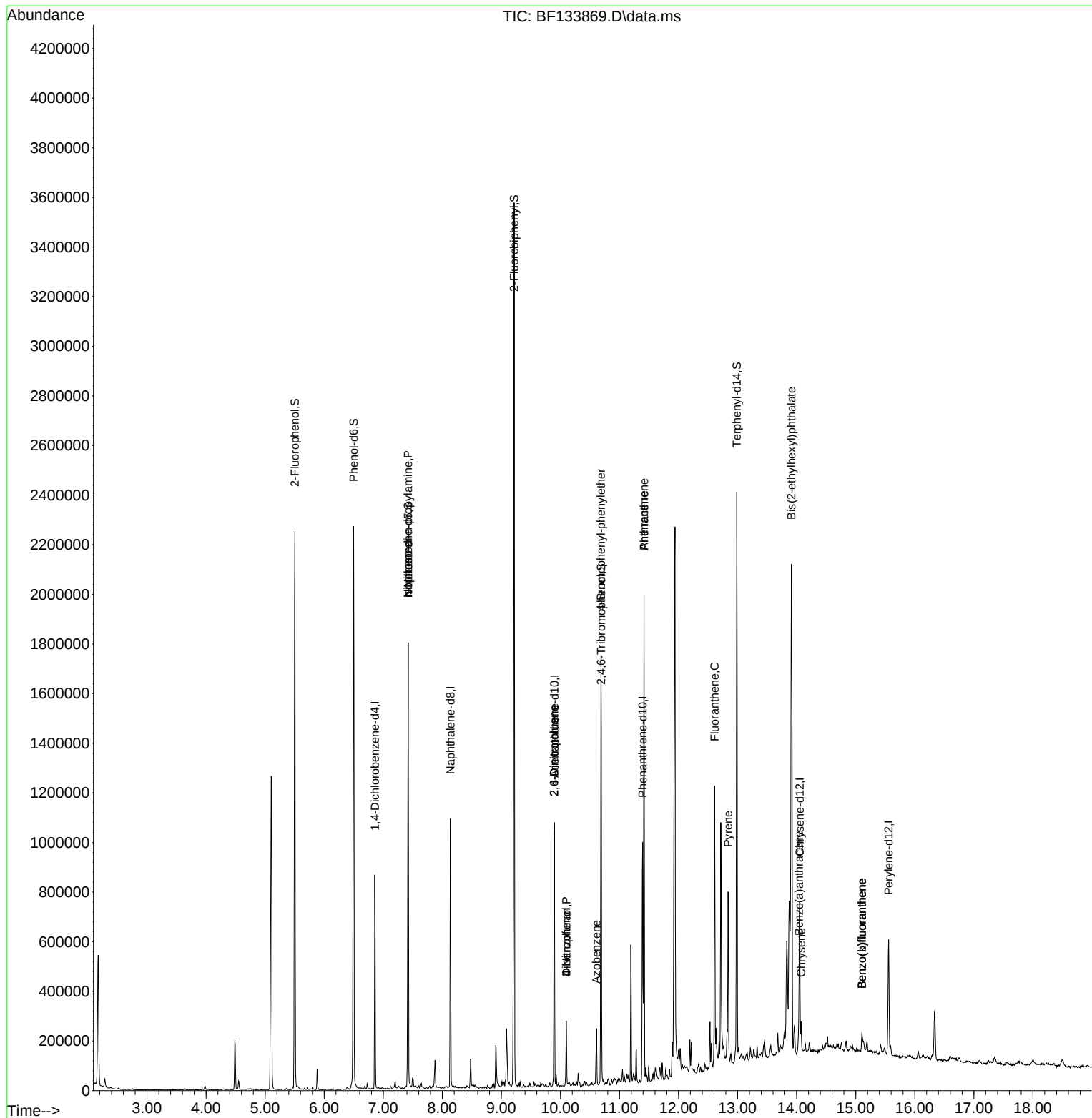
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	112711	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	431505	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	211142	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	371767	20.000	ng	0.00
76) Chrysene-d12	14.051	240	189805	20.000	ng	0.00
86) Perylene-d12	15.557	264	227072	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	571843	88.325	ng	0.02
7) Phenol-d6	6.498	99	724077	85.920	ng	0.00
23) Nitrobenzene-d5	7.422	82	515468	65.065	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	192607	72.065	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	969423	65.267	ng	0.00
79) Terphenyl-d14	12.986	244	780756	63.649	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	74240	13.846	ng	# 77
25) Isophorone	7.422	82	514390	35.367	ng	# 65
51) 2,6-Dinitrotoluene	9.892	165	28144	8.652	ng	# 29
55) Dibenzofuran	10.098	168	73309	3.861	ng	# 99
56) 4-Nitrophenol	10.098	139	27857	10.427	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	28144	6.803	ng	# 20
63) Azobenzene	10.610	77	34097	2.246	ng	# 1
67) 4-Bromophenyl-phenylether	10.686	248	11678	2.814	ng	# 1
71) Phenanthrene	11.416	178	653820	34.664	ng	# 99
72) Anthracene	11.416	178	653820	33.245	ng	# 99
75) Fluoranthene	12.610	202	425844	21.261	ng	# 99
78) Pyrene	12.839	202	272677	15.422	ng	# 99
81) Benzo(a)anthracene	14.039	228	45228	3.445	ng	# 98
83) Chrysene	14.074	228	43244	3.482	ng	# 95
84) Bis(2-ethylhexyl)phtha...	13.910	149	848473	92.318	ng	# 53
88) Benzo(b)fluoranthene	15.104	252	45481	3.297	ng	# 92
89) Benzo(k)fluoranthene	15.104	252	45481	3.385	ng	# 92

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

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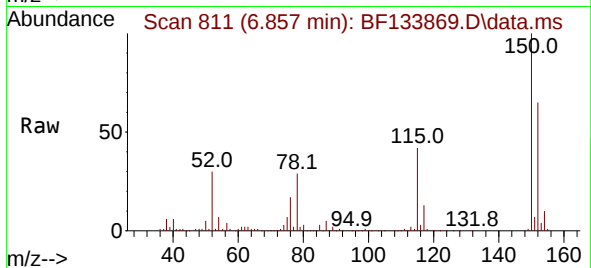
Quant Time: Jun 21 14:39:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
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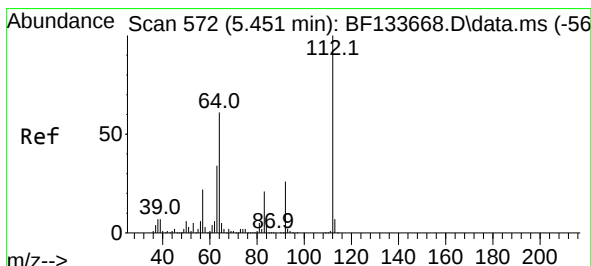
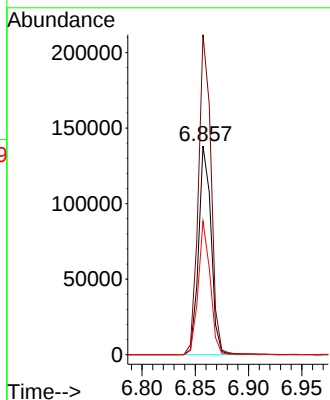
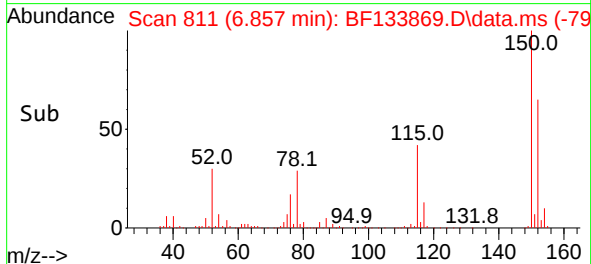


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :

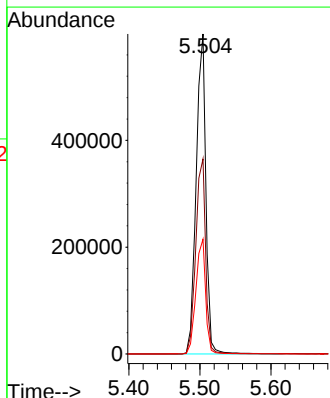
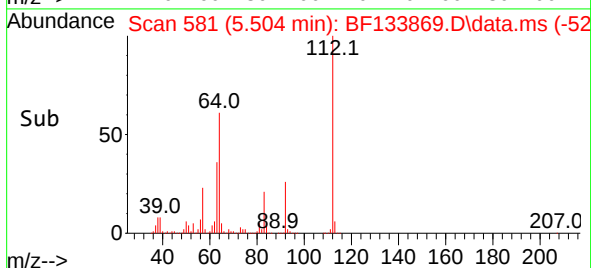
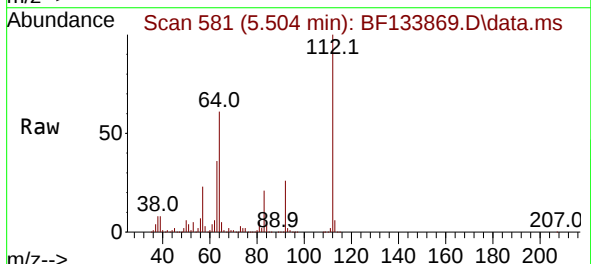


Tgt Ion:152 Resp: 112711
Ion Ratio Lower Upper
152 100
150 153.4 124.3 186.5
115 64.0 48.5 72.7



#5
2-Fluorophenol
Concen: 88.325 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

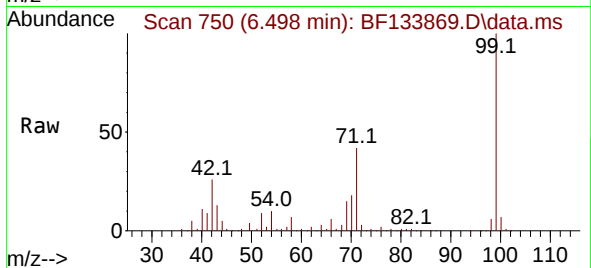
Tgt Ion:112 Resp: 571843
Ion Ratio Lower Upper
112 100
64 61.0 49.0 73.4
63 35.9 26.8 40.2



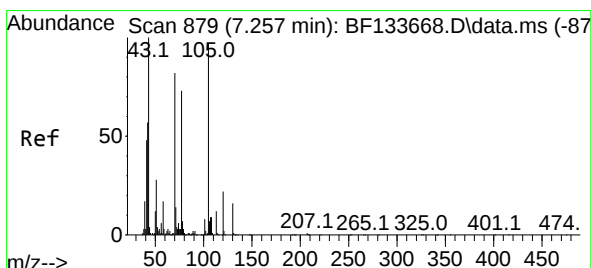
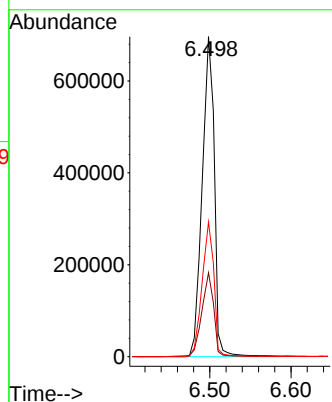
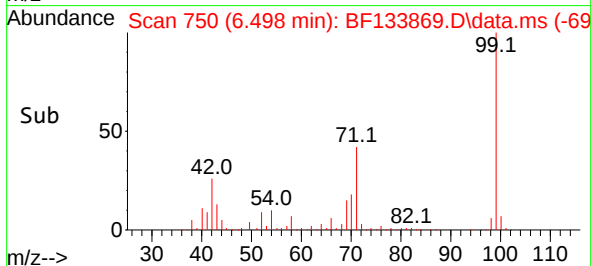


#7
Phenol-d6
Concen: 85.920 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

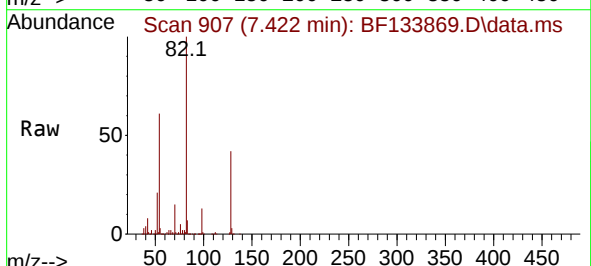
Instrument :
BNA_F
ClientSampleId :



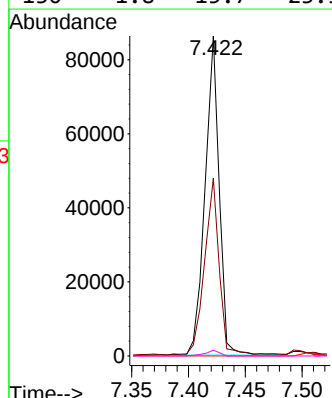
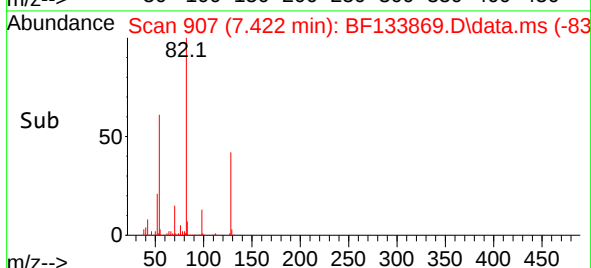
Tgt Ion: 99 Resp: 724077
Ion Ratio Lower Upper
99 100
42 26.3 19.9 29.9
71 42.1 32.2 48.4

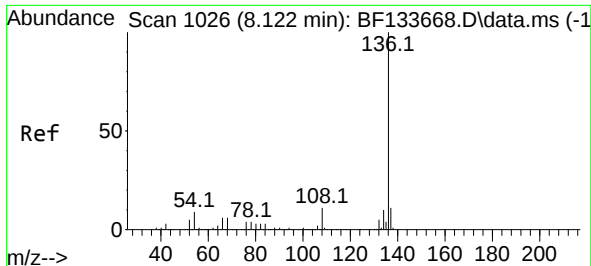


#19
n-Nitroso-di-n-propylamine
Concen: 13.846 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11



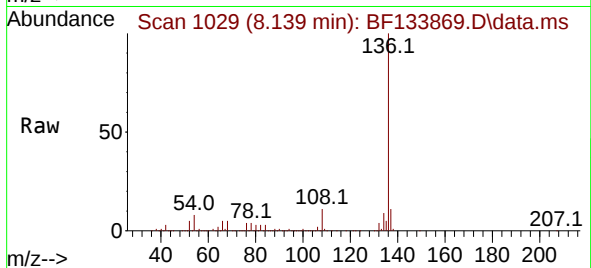
Tgt Ion: 70 Resp: 74240
Ion Ratio Lower Upper
70 100
42 55.5 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#



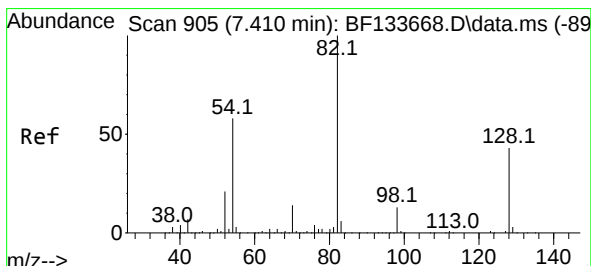
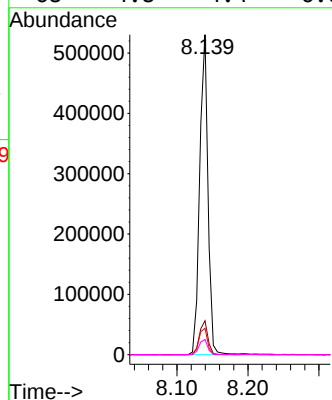
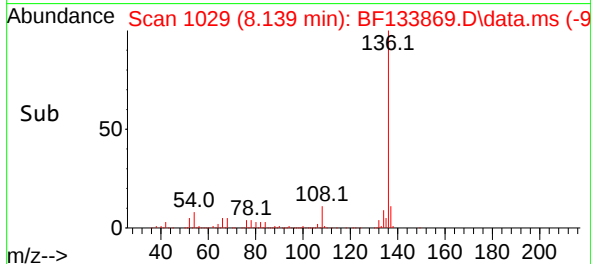


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

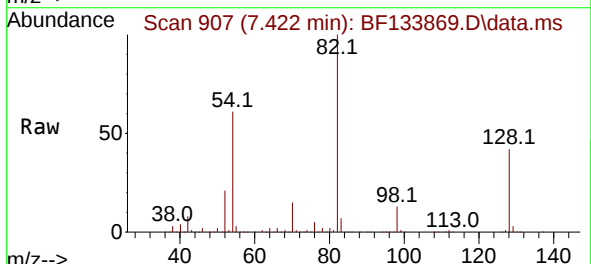
Instrument :
BNA_F
ClientSampleId :



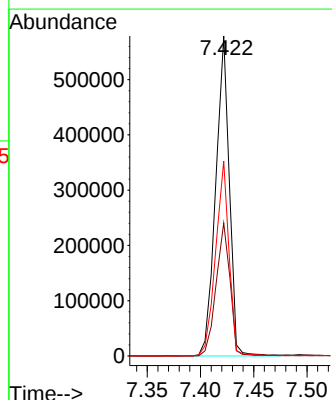
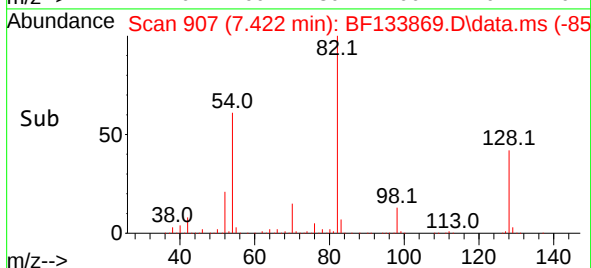
Tgt Ion:136 Resp: 431505
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.2 7.4 11.0
68 4.8 4.4 6.6



#23
Nitrobenzene-d5
Concen: 65.065 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11



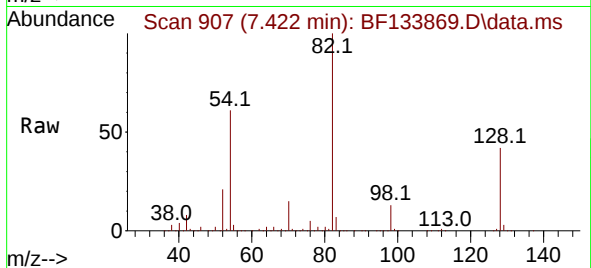
Tgt Ion: 82 Resp: 515468
Ion Ratio Lower Upper
82 100
128 41.5 34.2 51.2
54 60.9 46.5 69.7



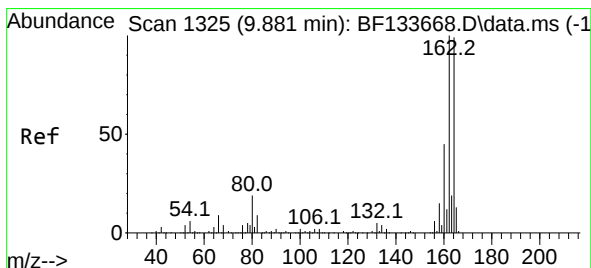
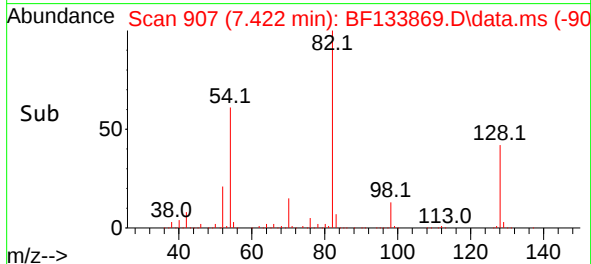
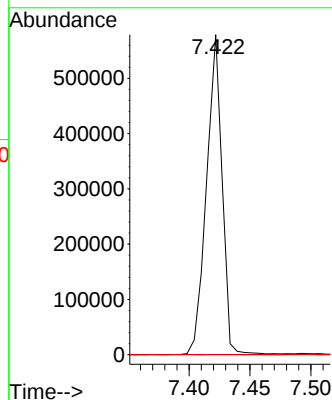


#25
Isophorone
Concen: 35.367 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :

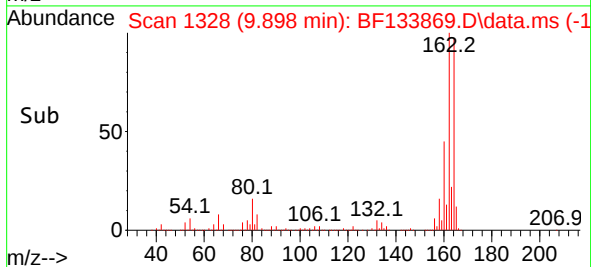
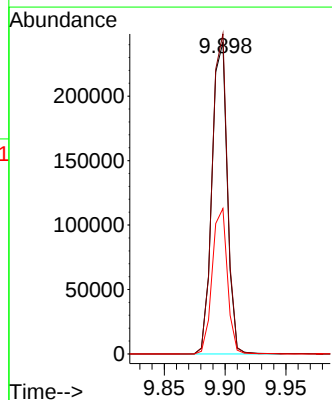
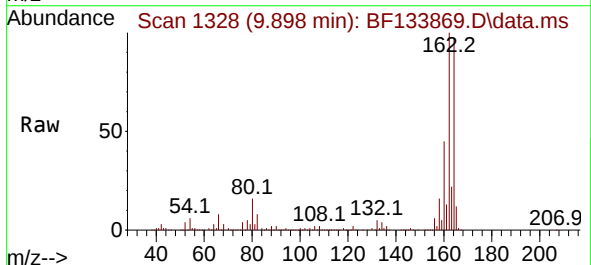


Tgt Ion: 82 Resp: 514390
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

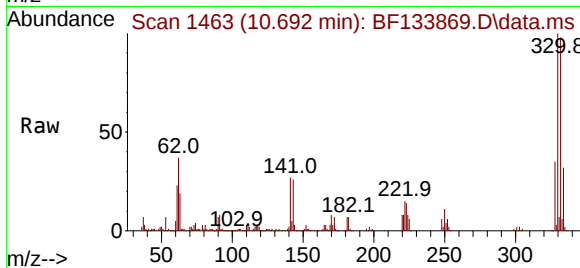
Tgt Ion:164 Resp: 211142
Ion Ratio Lower Upper
164 100
162 102.7 80.8 121.2
160 46.7 36.7 55.1



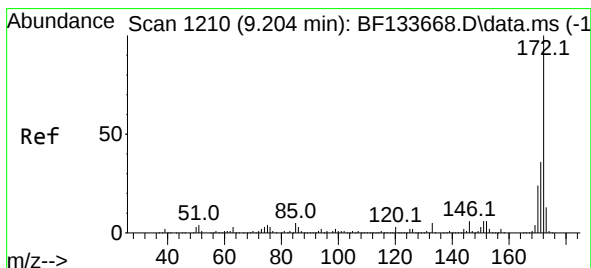
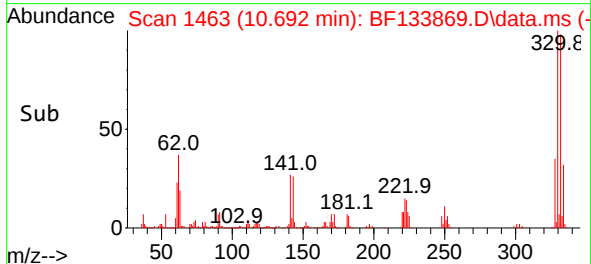
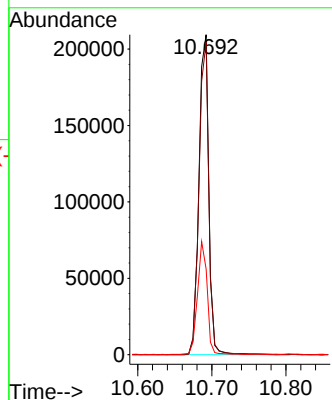


#42
2,4,6-Tribromophenol
Concen: 72.065 ng
RT: 10.692 min Scan# 1463
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :

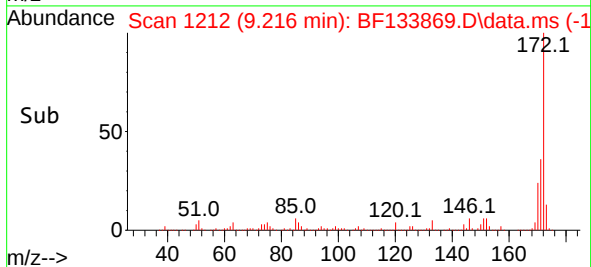
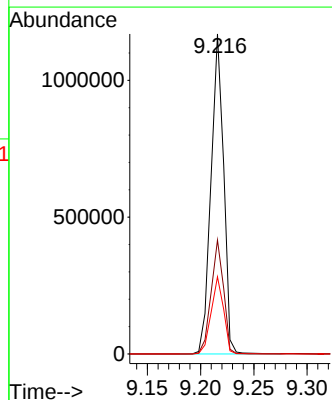
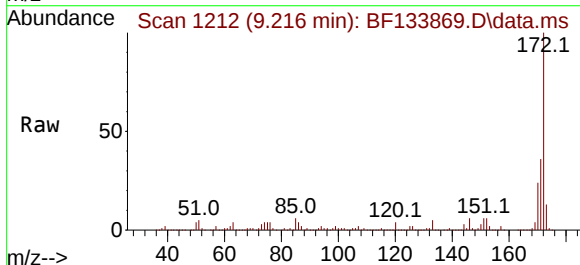


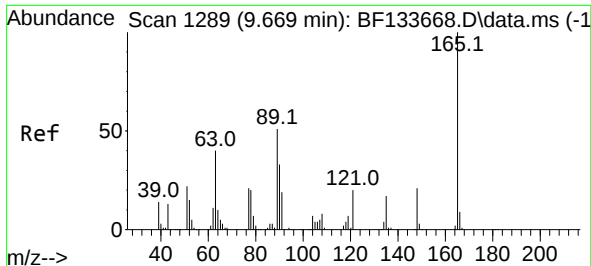
Tgt Ion:330 Resp: 192607
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 35.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 65.267 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

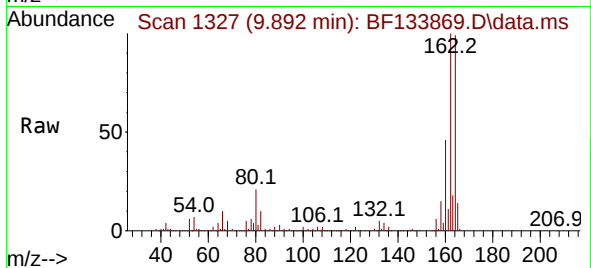
Tgt Ion:172 Resp: 969423
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 19.1 28.7



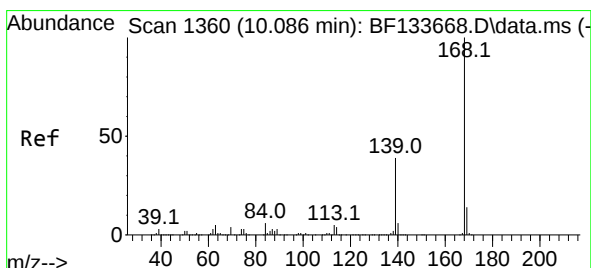
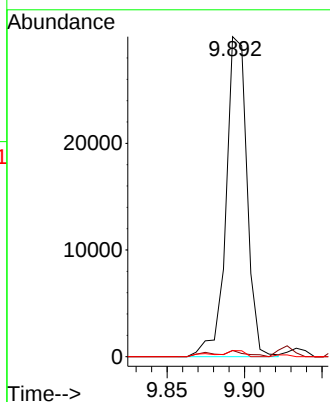
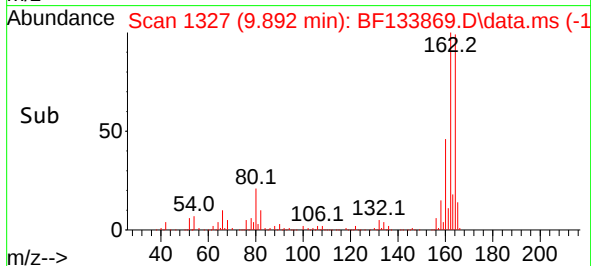


#51
2,6-Dinitrotoluene
Concen: 8.652 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

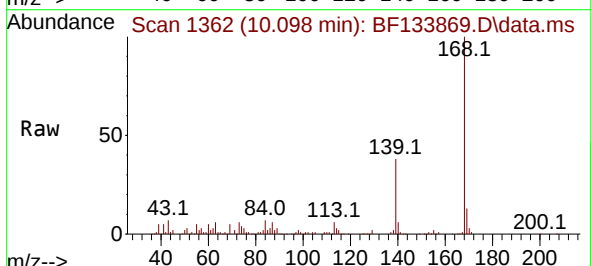
Instrument :
BNA_F
ClientSampleId :



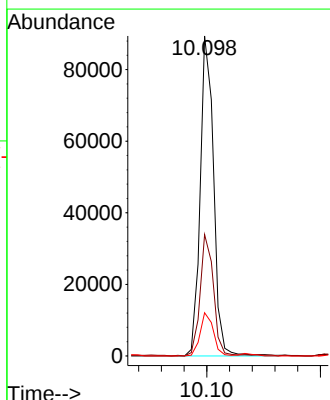
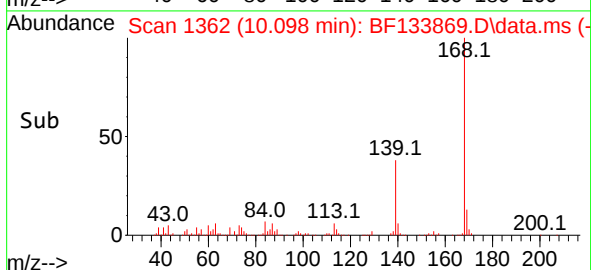
Tgt Ion:165 Resp: 28144
Ion Ratio Lower Upper
165 100
63 2.0 42.1 63.1#
89 1.9 40.9 61.3#

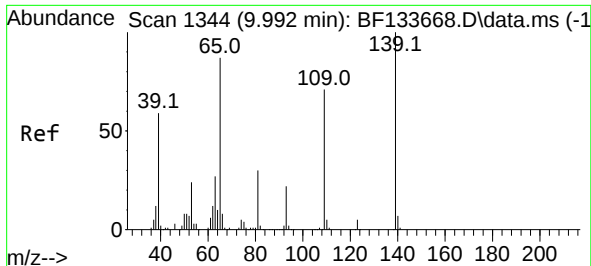


#55
Dibenzofuran
Concen: 3.861 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.006 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11



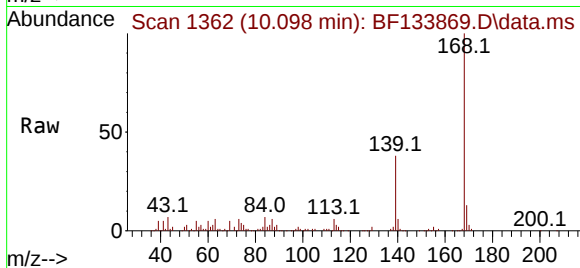
Tgt Ion:168 Resp: 73309
Ion Ratio Lower Upper
168 100
139 38.0 30.9 46.3
169 13.5 10.9 16.3



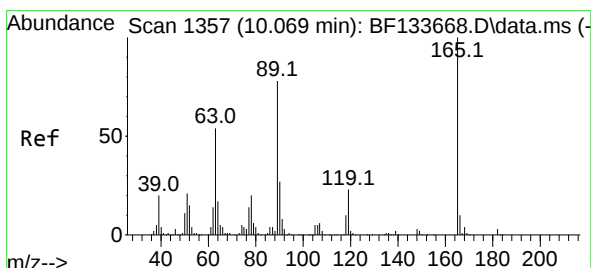
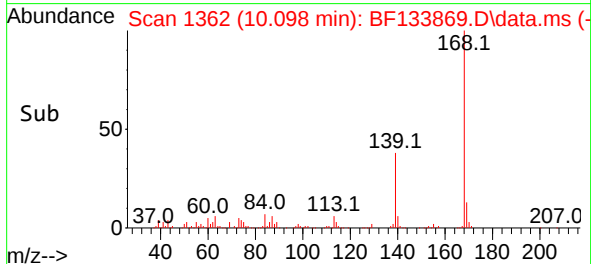
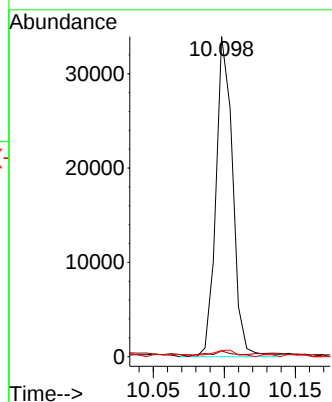


#56
4-Nitrophenol
Concen: 10.427 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.088 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :

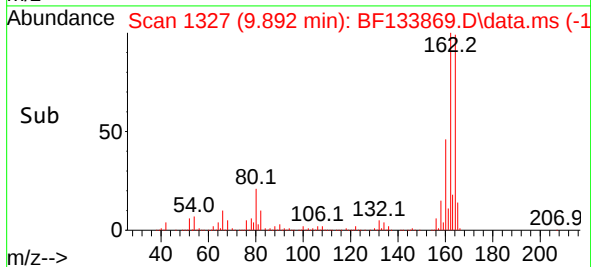
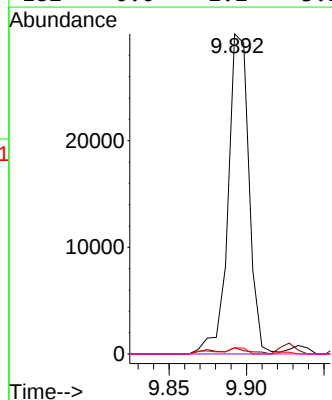
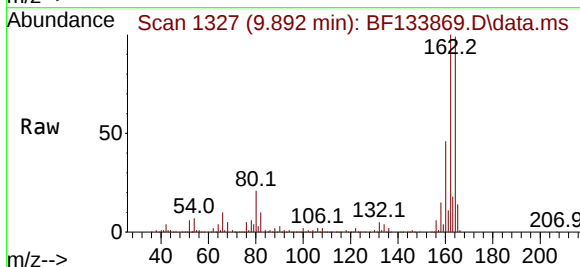


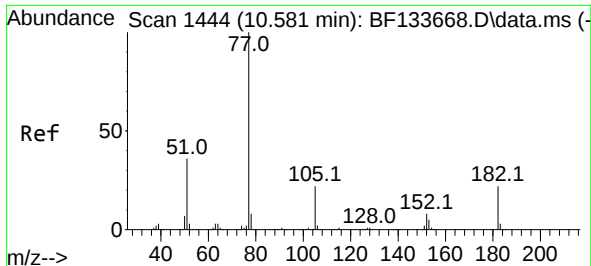
Tgt Ion:139 Resp: 27857
Ion Ratio Lower Upper
139 100
109 1.8 50.7 90.7#
65 1.9 67.1 107.1#



#57
2,4-Dinitrotoluene
Concen: 6.803 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.194 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

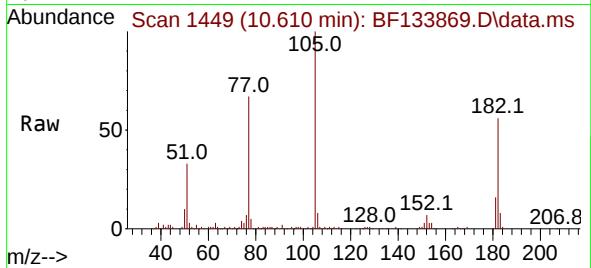
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63 2.0 43.0 64.6#
89 1.9 62.6 93.8#
182 0.0 2.2 3.2#



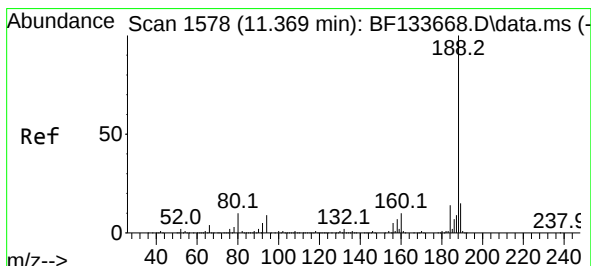
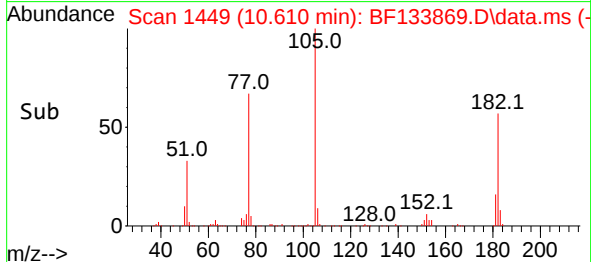
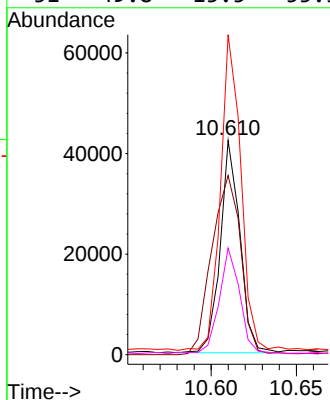


#63
 Azobenzene
 Concen: 2.246 ng
 RT: 10.610 min Scan# 1444
 Delta R.T. 0.012 min
 Lab File: BF133869.D
 Acq: 21 Jun 2023 14:11

Instrument :
 BNA_F
 ClientSampleId :

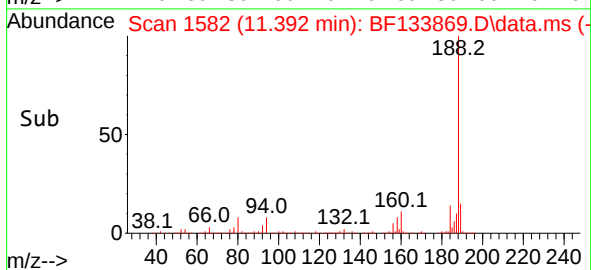
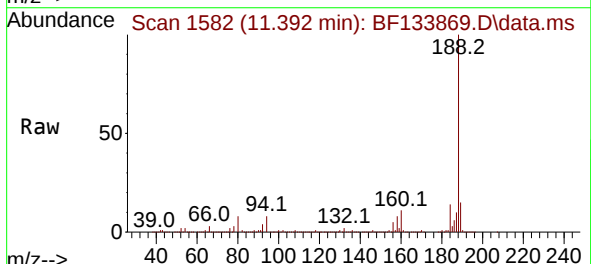
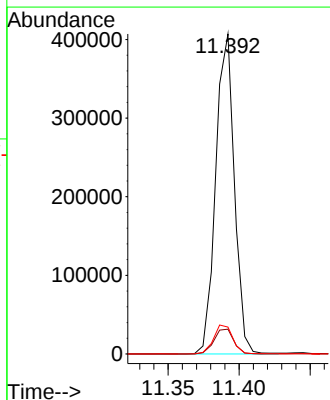


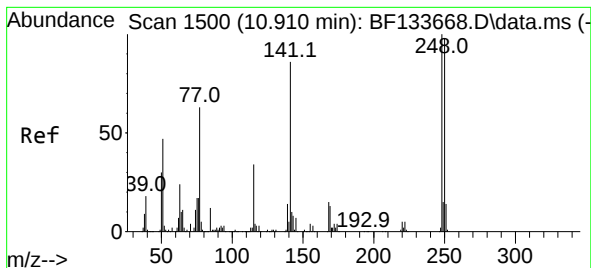
Tgt Ion: 77 Resp: 34097
 Ion Ratio Lower Upper
 77 100
 182 83.6 1.6 41.6#
 105 149.3 1.6 41.6#
 51 49.8 15.5 55.5



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.392 min Scan# 1582
 Delta R.T. 0.006 min
 Lab File: BF133869.D
 Acq: 21 Jun 2023 14:11

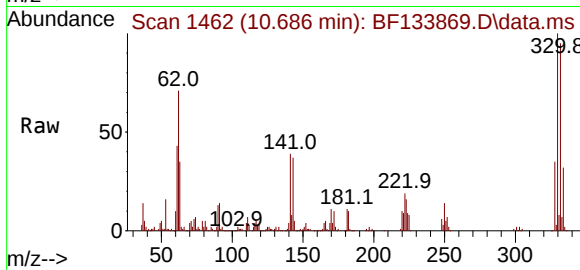
Tgt Ion: 188 Resp: 371767
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.8 10.2
 80 8.4 7.8 11.6



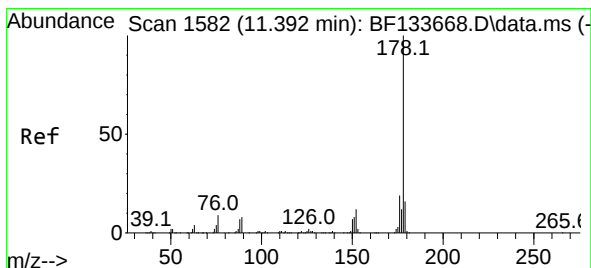
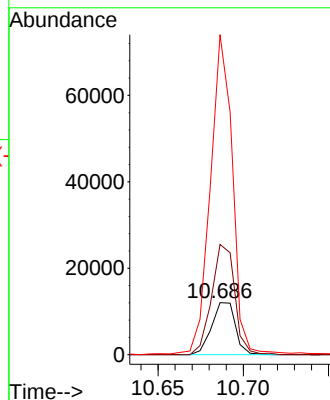
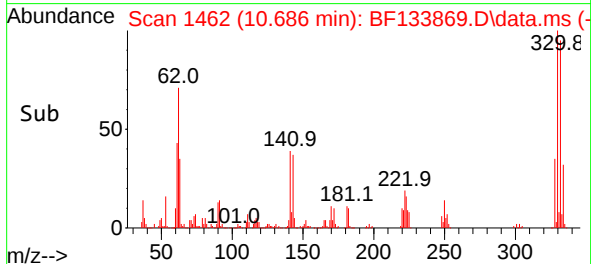


#67
4-Bromophenyl-phenylether
Concen: 2.814 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.247 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

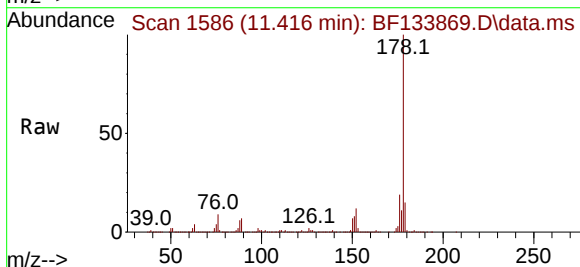
Instrument :
BNA_F
ClientSampleId :



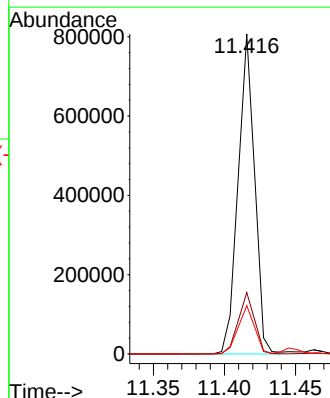
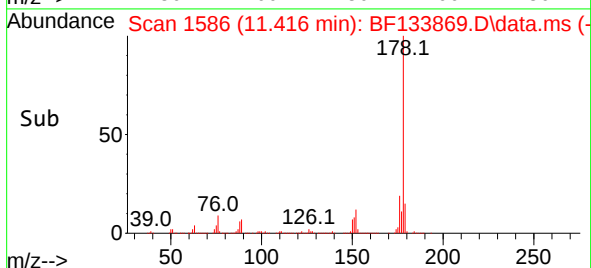
Tgt Ion:248 Resp: 11678
Ion Ratio Lower Upper
248 100
250 212.2 78.3 117.5#
141 615.8 69.0 103.6#

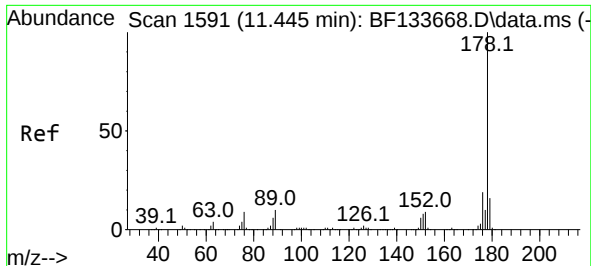


#71
Phenanthrene
Concen: 34.664 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11



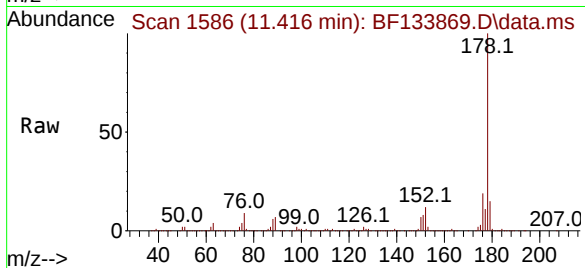
Tgt Ion:178 Resp: 653820
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.1 12.4 18.6



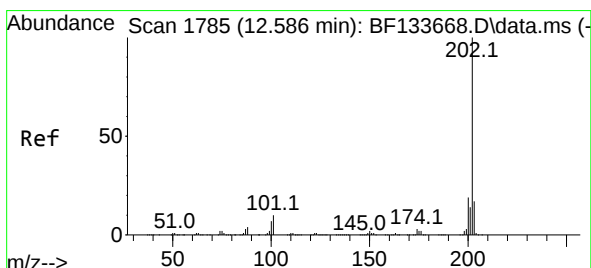
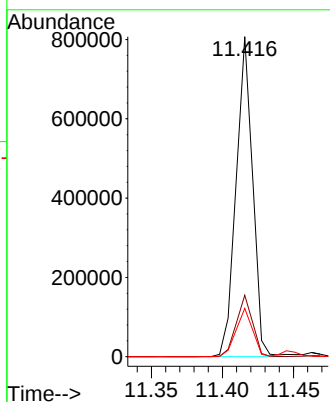
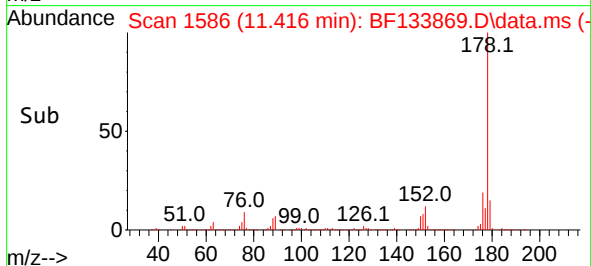


#72
 Anthracene
 Concen: 33.245 ng
 RT: 11.416 min Scan# 11
 Delta R.T. -0.053 min
 Lab File: BF133869.D
 Acq: 21 Jun 2023 14:11

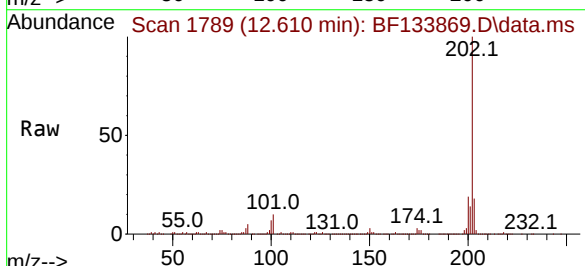
Instrument :
 BNA_F
 ClientSampleId :



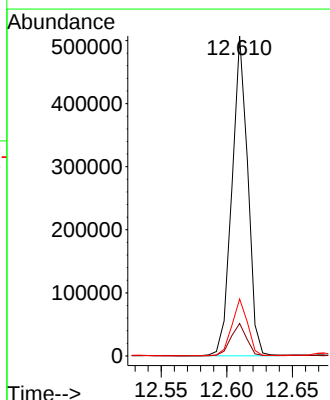
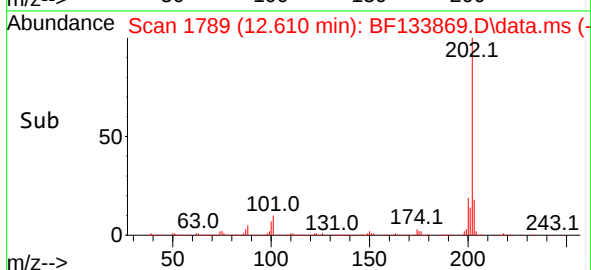
Tgt Ion:178 Resp: 653820
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.1 22.7
 179 15.1 12.6 18.8

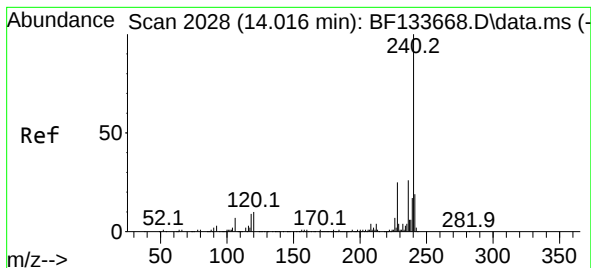


#75
 Fluoranthene
 Concen: 21.261 ng
 RT: 12.610 min Scan# 1789
 Delta R.T. 0.000 min
 Lab File: BF133869.D
 Acq: 21 Jun 2023 14:11



Tgt Ion:202 Resp: 425844
 Ion Ratio Lower Upper
 202 100
 101 10.2 0.0 29.6
 203 17.8 0.0 37.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

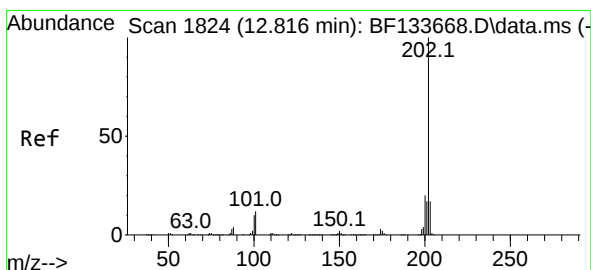
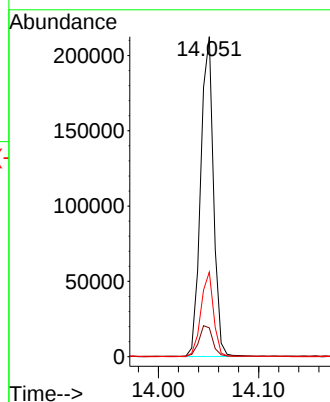
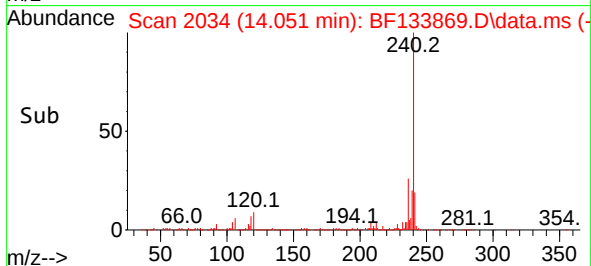
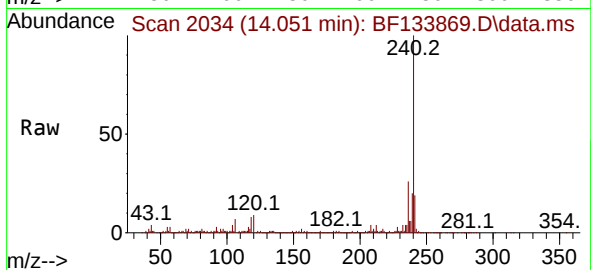
Tgt Ion:240 Resp: 189805

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

236 26.4 20.5 30.7



#78

Pyrene

Concen: 15.422 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

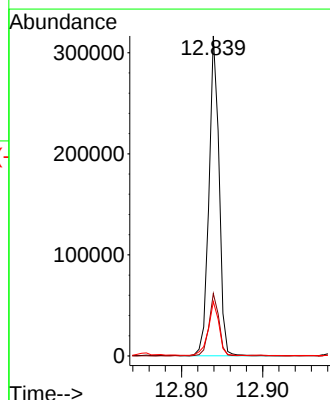
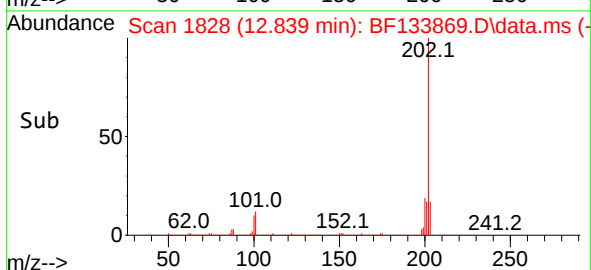
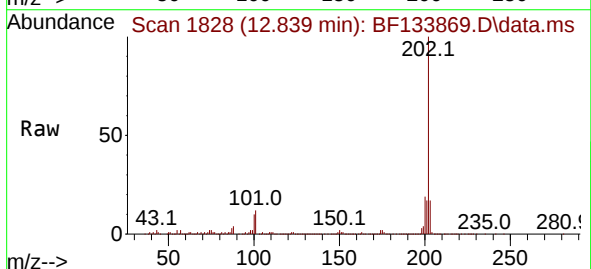
Tgt Ion:202 Resp: 272677

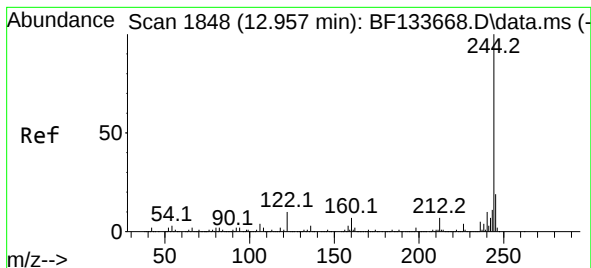
Ion Ratio Lower Upper

202 100

200 19.5 16.2 24.2

203 16.9 13.9 20.9





#79

Terphenyl-d14

Concen: 63.649 ng

RT: 12.986 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

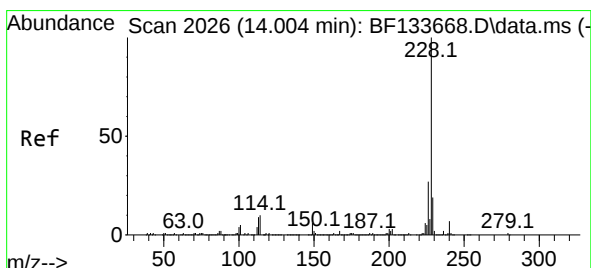
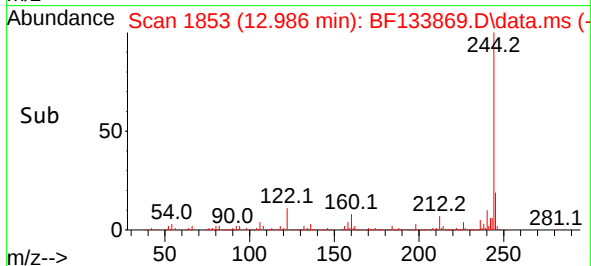
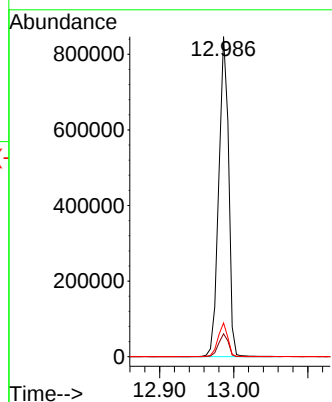
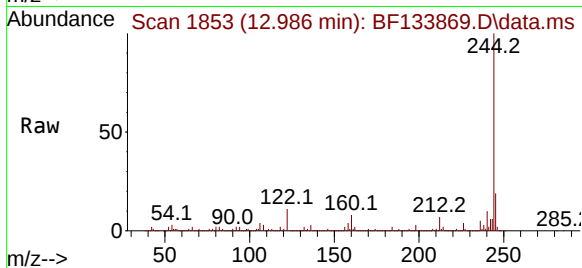
Tgt Ion:244 Resp: 780756

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

122 10.5 8.1 12.1



#81

Benzo(a)anthracene

Concen: 3.445 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

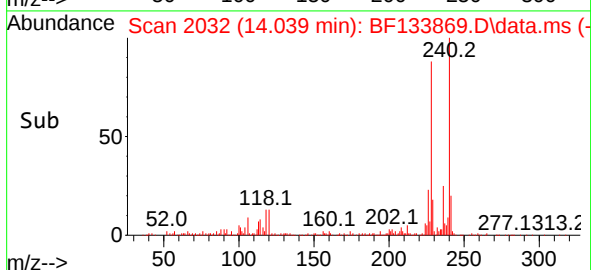
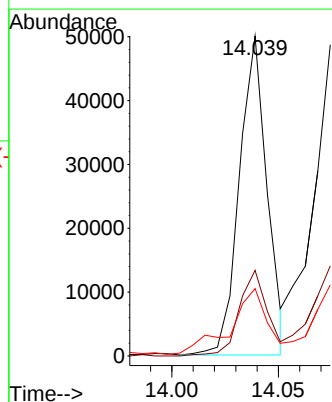
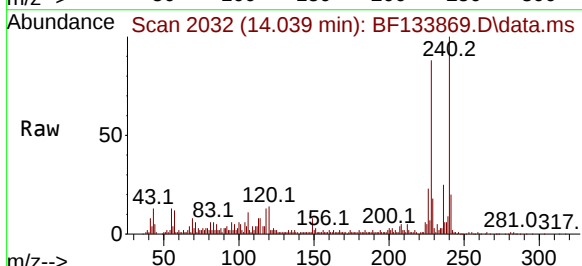
Tgt Ion:228 Resp: 45228

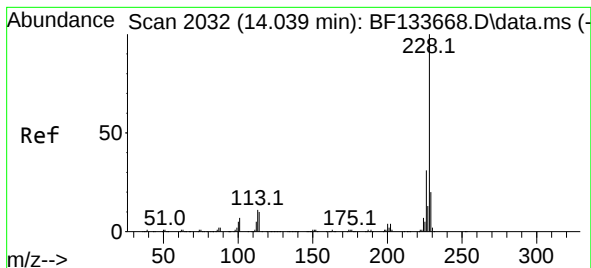
Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

229 21.0 15.4 23.2





#83

Chrysene

Concen: 3.482 ng

RT: 14.074 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF133869.D

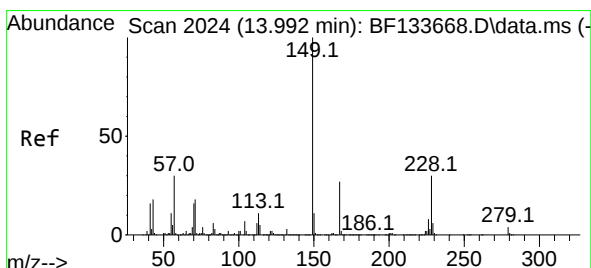
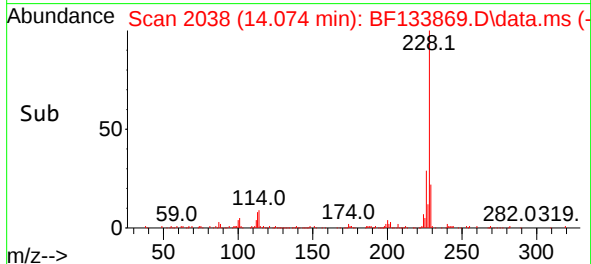
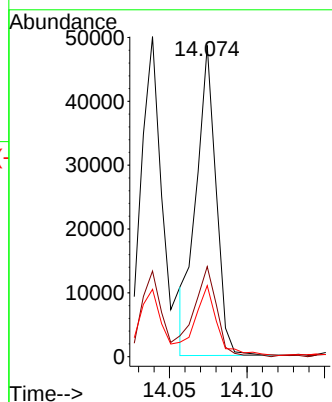
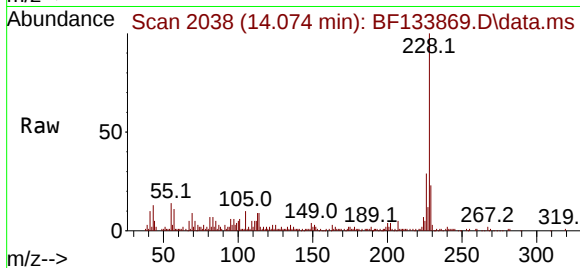
Acq: 21 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	43244
Ion Ratio	Lower	Upper
228	100	
226	28.9	25.0 37.6
229	22.8	15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 92.318 ng

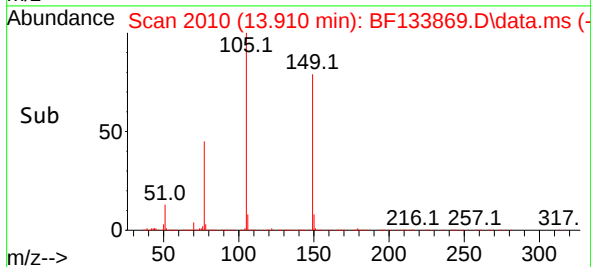
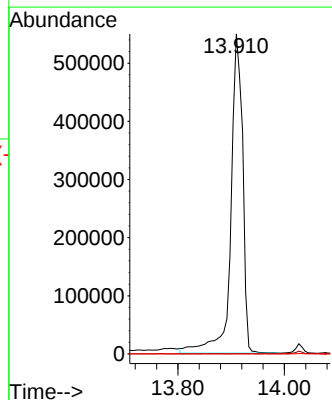
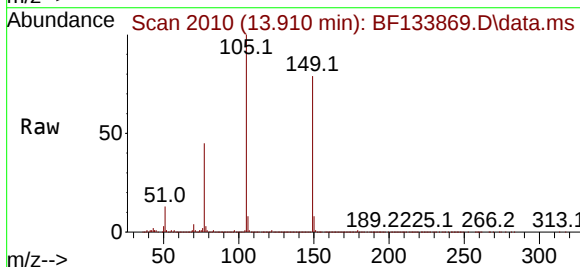
RT: 13.910 min Scan# 2010

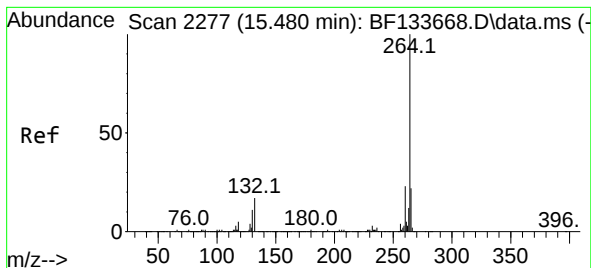
Delta R.T. -0.118 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

Tgt Ion:149	Resp:	848473
Ion Ratio	Lower	Upper
149	100	
167	0.1	21.8 32.8#
279	0.0	3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

Instrument :

BNA_F

ClientSampleId :

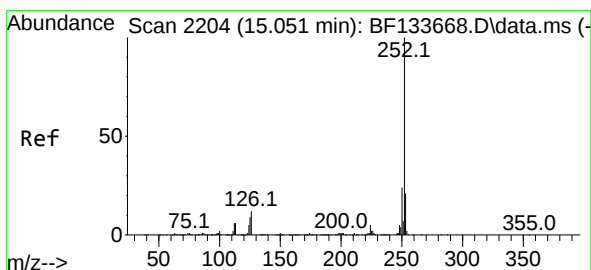
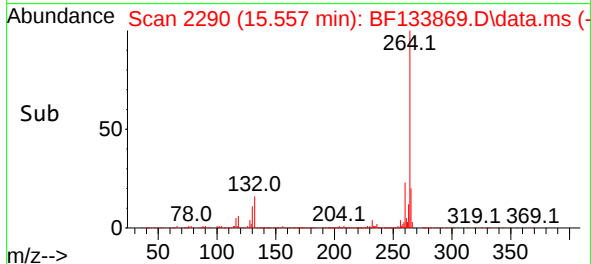
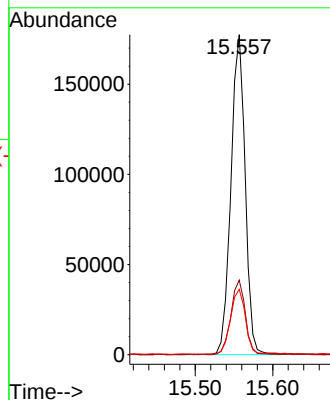
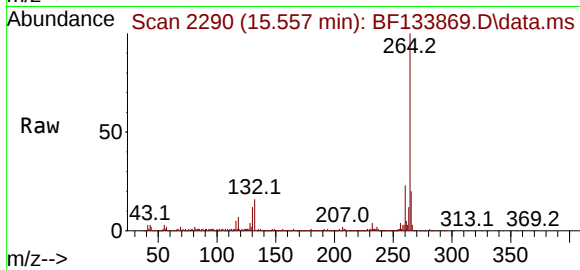
Tgt Ion:264 Resp: 227072

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.2

265 20.4 17.8 26.6



#88

Benzo(b)fluoranthene

Concen: 3.297 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF133869.D

Acq: 21 Jun 2023 14:11

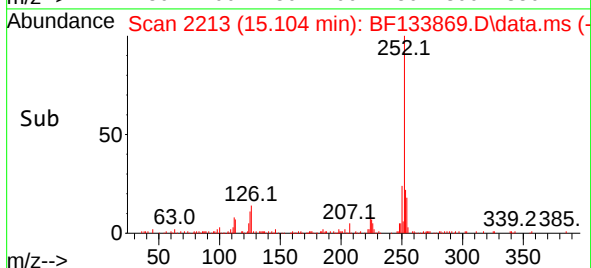
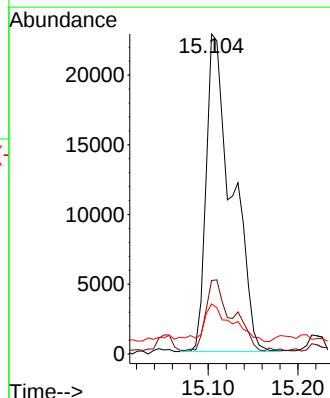
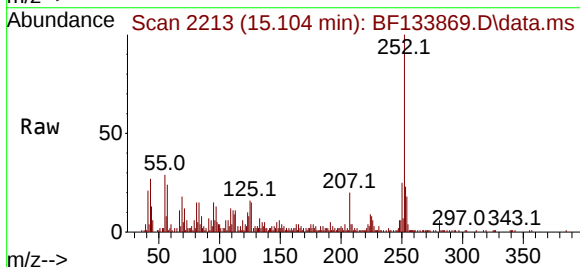
Tgt Ion:252 Resp: 45481

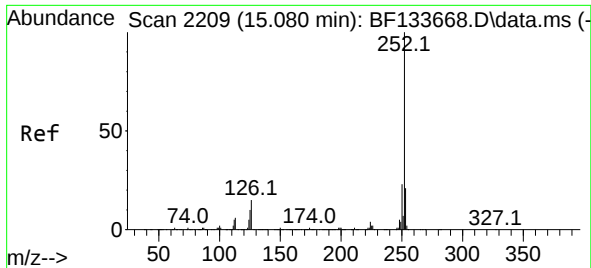
Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.6

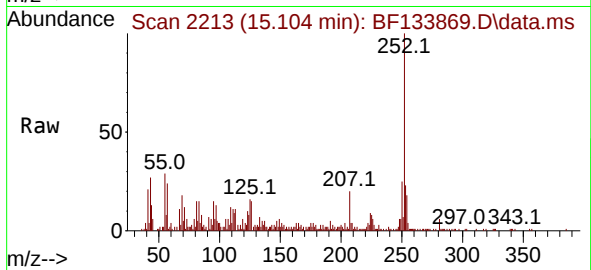
125 15.7 7.3 10.9#





#89
Benzo(k)fluoranthene
Concen: 3.385 ng
RT: 15.104 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF133869.D
Acq: 21 Jun 2023 14:11

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:252 Resp: 45481
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 15.7 7.8 11.6#

