

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062123\
 Data File : BF133876.D
 Acq On : 21 Jun 2023 17:57
 Operator : CG\JU
 Sample : 03296-19
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 05:57:41 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)

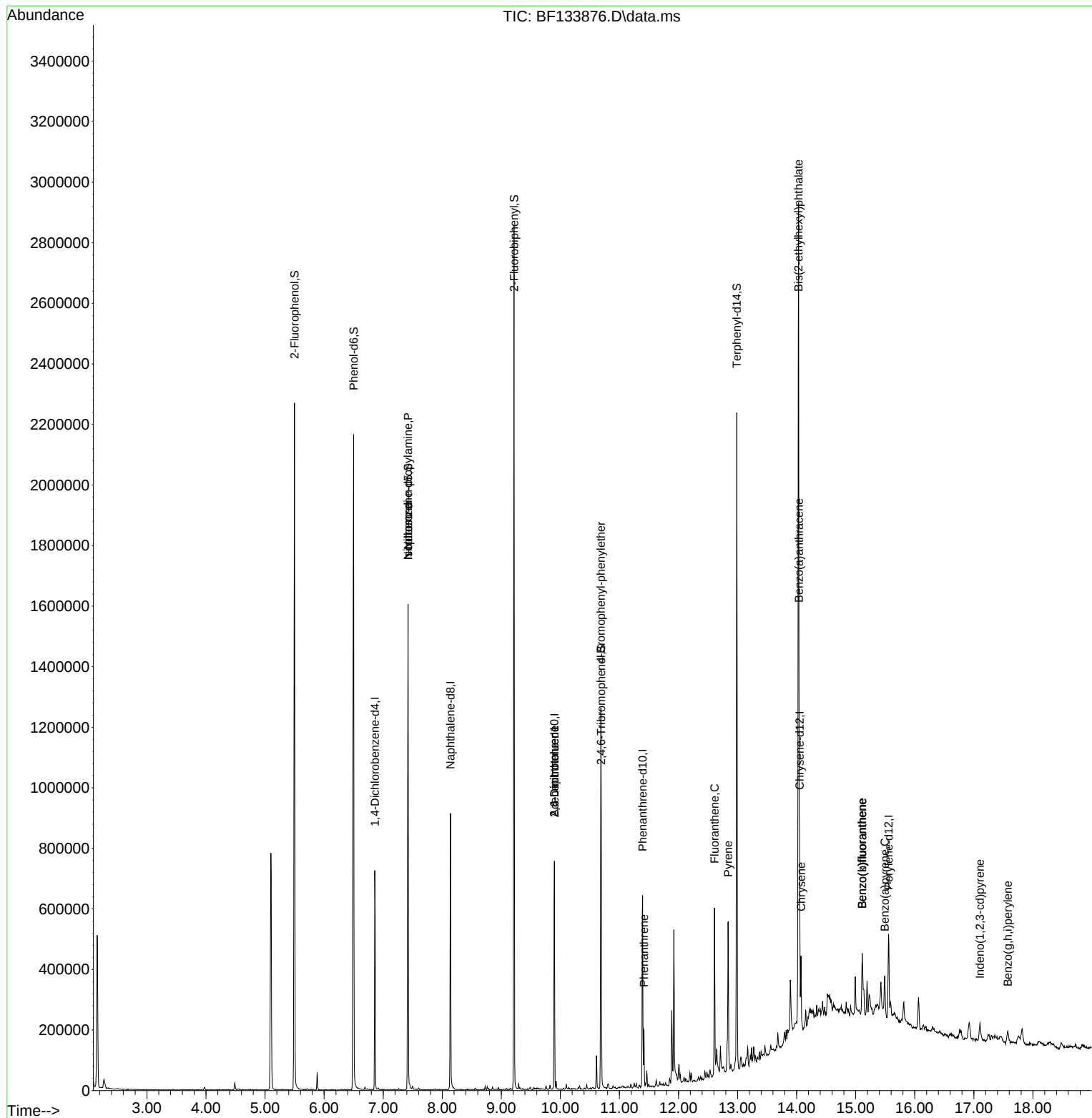
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100110	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	354262	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	142397	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	237008	20.000	ng	0.00
76) Chrysene-d12	14.051	240	184590	20.000	ng	0.00
86) Perylene-d12	15.556	264	136634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	550264	95.690	ng	0.01
7) Phenol-d6	6.498	99	646979	86.435	ng	0.00
23) Nitrobenzene-d5	7.422	82	441832	67.930	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	137274	76.158	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	763173	76.186	ng	0.00
79) Terphenyl-d14	12.986	244	701532	58.807	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	62972	13.223	ng	# 77
25) Isophorone	7.422	82	441828	37.001	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	18370	8.373	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	18370	6.584	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	8646	3.268	ng	# 1
71) Phenanthrene	11.416	178	69562	5.785	ng	99
75) Fluoranthene	12.610	202	202696	15.874	ng	99
78) Pyrene	12.839	202	196766	11.443	ng	99
81) Benzo(a)anthracene	14.039	228	97463	7.633	ng	99
83) Chrysene	14.074	228	92671	7.674	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	712193	79.679	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	39225	4.173	ng	95
88) Benzo(b)fluoranthene	15.109	252	140322	16.906	ng	# 95
89) Benzo(k)fluoranthene	15.109	252	140322	17.356	ng	95
90) Benzo(a)pyrene	15.492	252	67625	8.779	ng	96
92) Benzo(g,h,i)perylene	17.574	276	39646	5.138	ng	96

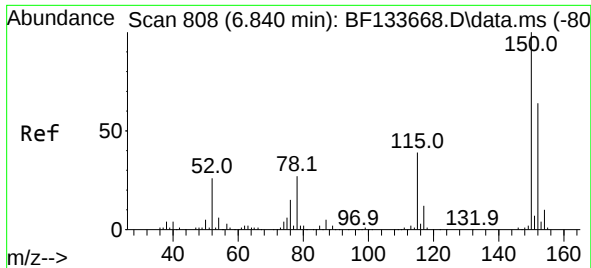
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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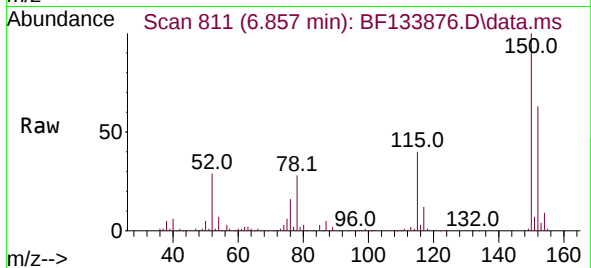
Quant Time: Jun 22 05:57:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 13:43:46 2023
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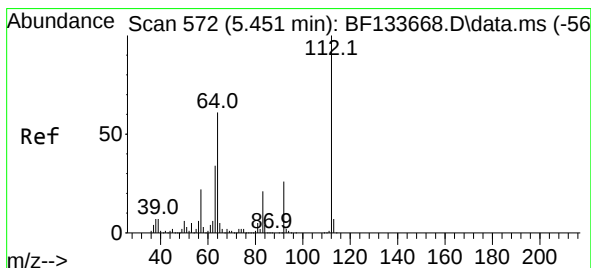
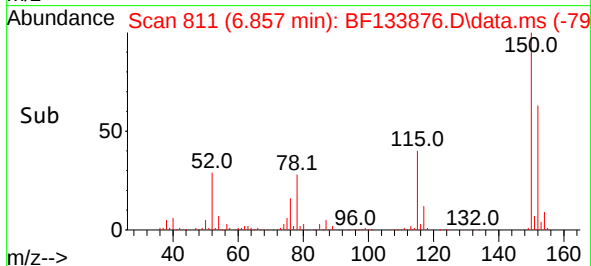
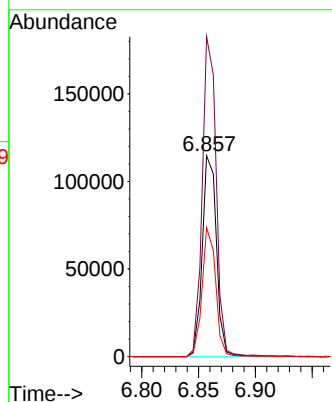


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

Instrument :
 BNA_F
 ClientSampleId :

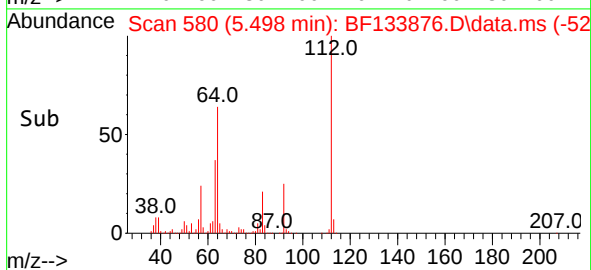
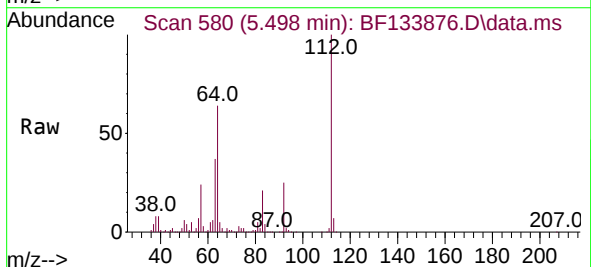
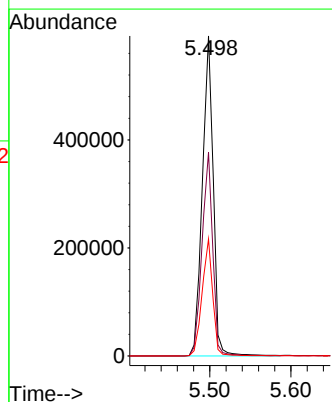


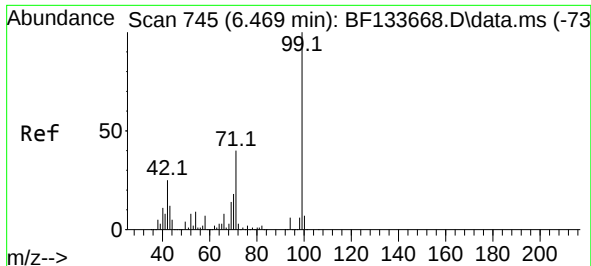
Tgt Ion:152 Resp: 100110
 Ion Ratio Lower Upper
 152 100
 150 159.3 124.3 186.5
 115 64.3 48.5 72.7



#5
 2-Fluorophenol
 Concen: 95.690 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

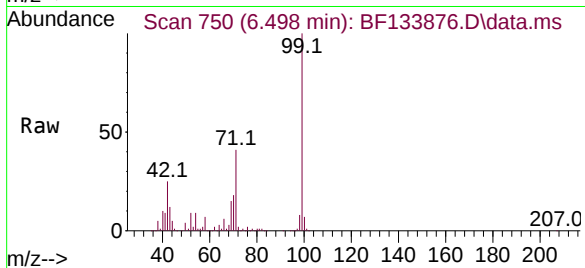
Tgt Ion:112 Resp: 550264
 Ion Ratio Lower Upper
 112 100
 64 63.6 49.0 73.4
 63 36.5 26.8 40.2



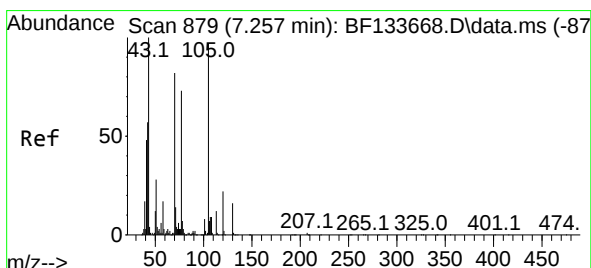
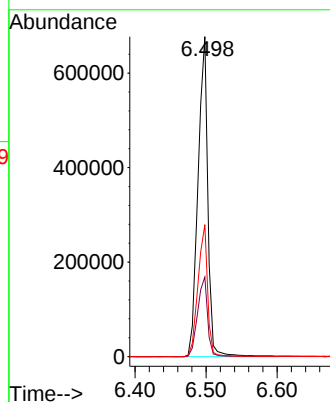
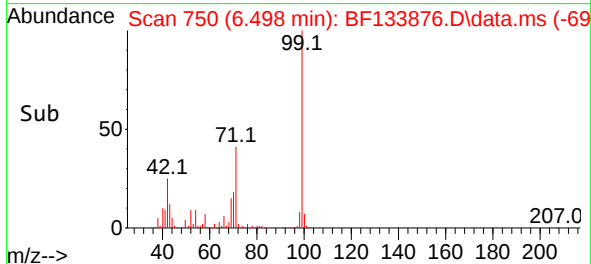


#7
Phenol-d6
Concen: 86.435 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

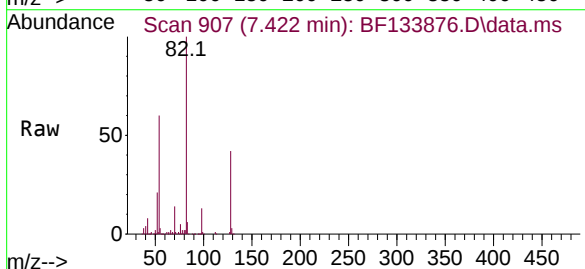
Instrument :
BNA_F
ClientSampleId :



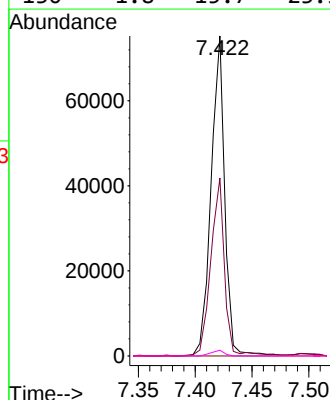
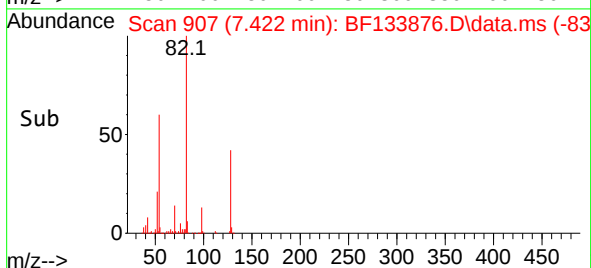
Tgt Ion: 99 Resp: 646979
Ion Ratio Lower Upper
99 100
42 24.9 19.9 29.9
71 41.2 32.2 48.4

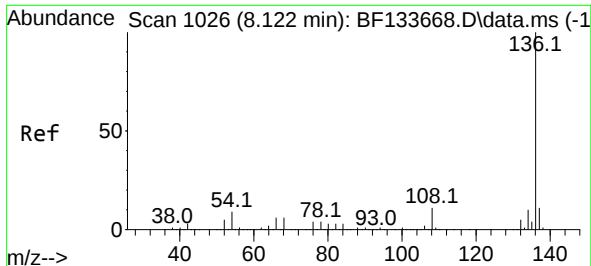


#19
n-Nitroso-di-n-propylamine
Concen: 13.223 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57



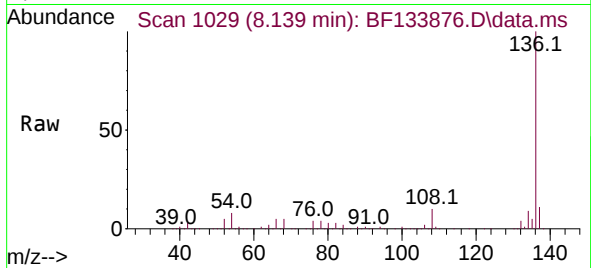
Tgt Ion: 70 Resp: 62972
Ion Ratio Lower Upper
70 100
42 55.6 55.8 83.8#
101 0.0 8.1 12.1#
130 1.8 15.7 23.5#



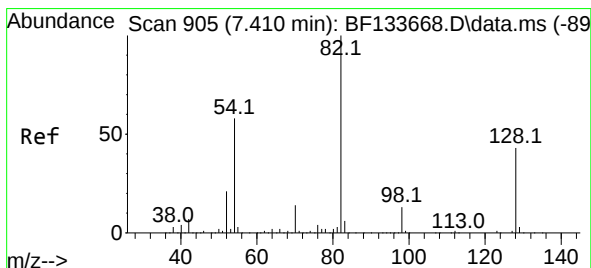
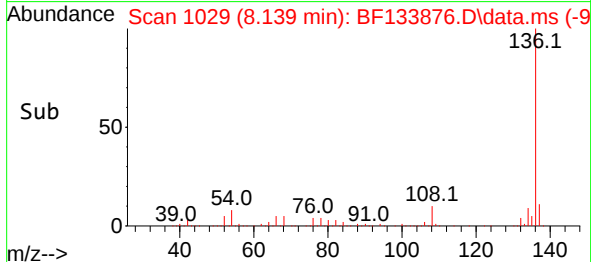
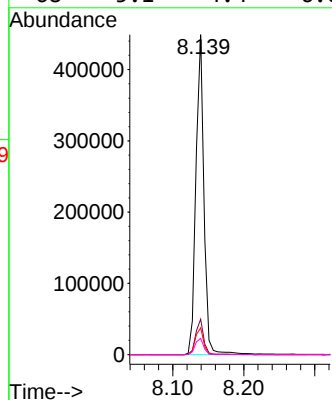


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

Instrument :
BNA_F
ClientSampleId :

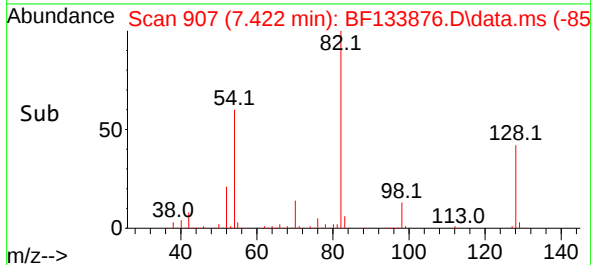
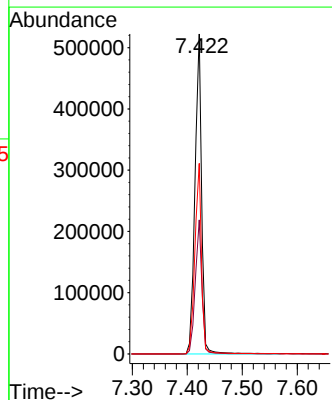
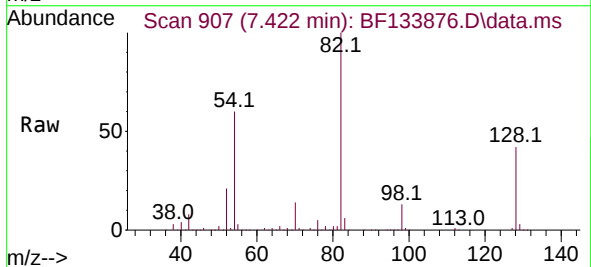


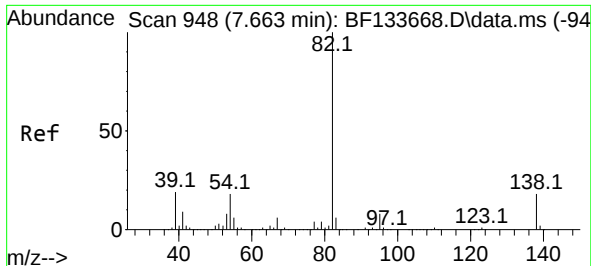
Tgt Ion:136 Resp: 354262
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.4 11.0
68 5.1 4.4 6.6



#23
Nitrobenzene-d5
Concen: 67.930 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

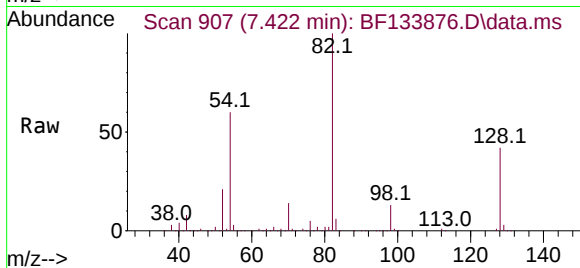
Tgt Ion: 82 Resp: 441832
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.2
54 59.5 46.5 69.7



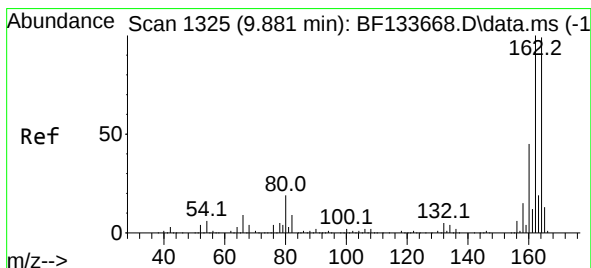
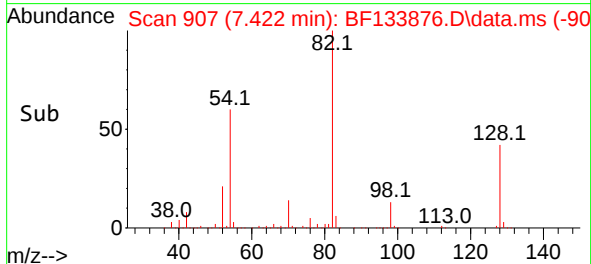
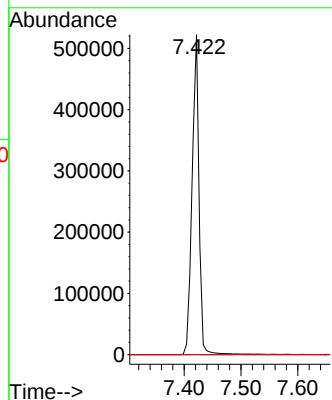


#25
Isophorone
Concen: 37.001 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

Instrument :
BNA_F
ClientSampleId :

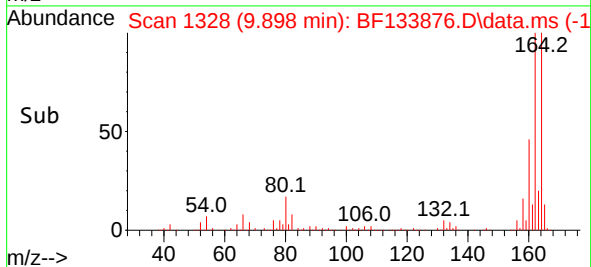
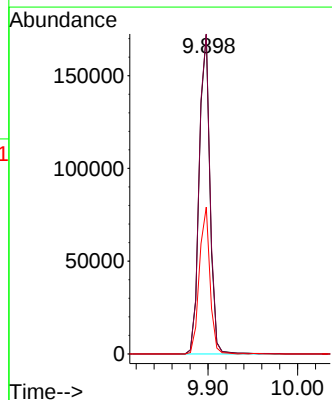
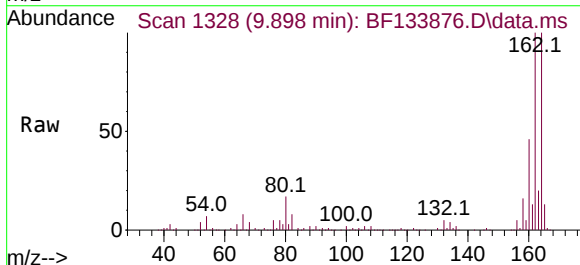


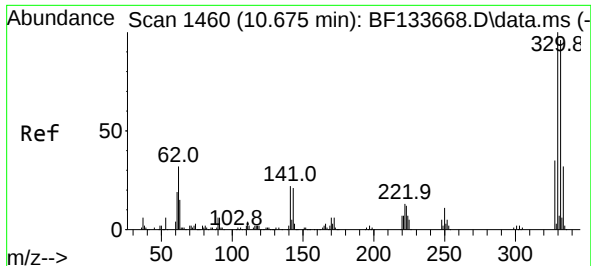
Tgt Ion: 82 Resp: 441828
Ion Ratio Lower Upper
82 100
95 0.1 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

Tgt Ion: 164 Resp: 142397
Ion Ratio Lower Upper
164 100
162 100.2 80.8 121.2
160 46.0 36.7 55.1



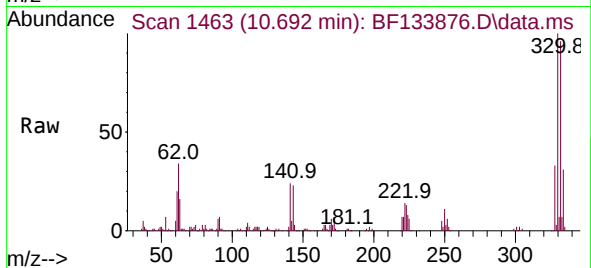


#42
 2,4,6-Tribromophenol
 Concen: 76.158 ng
 RT: 10.692 min Scan# 1463
 Delta R.T. -0.000 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

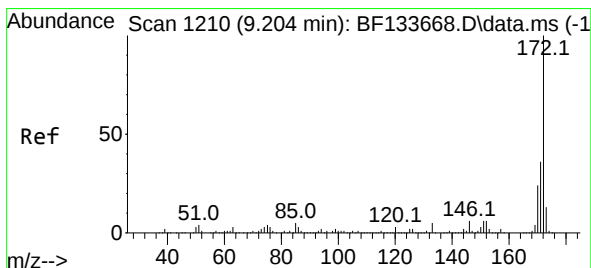
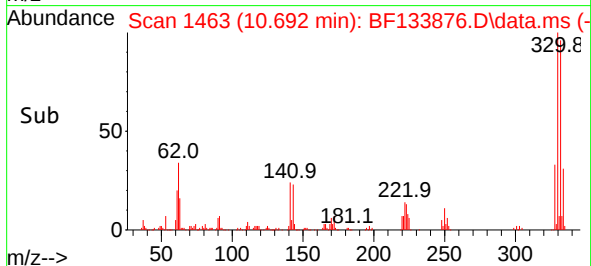
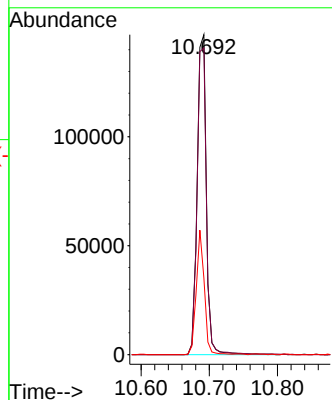
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BNA_F

ClientSampleId :

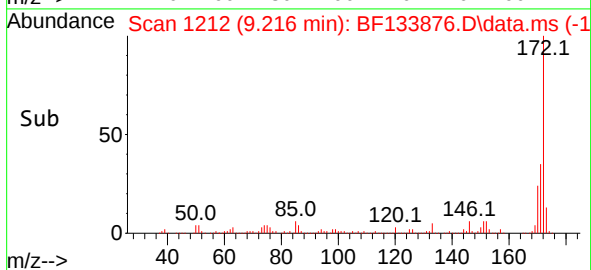
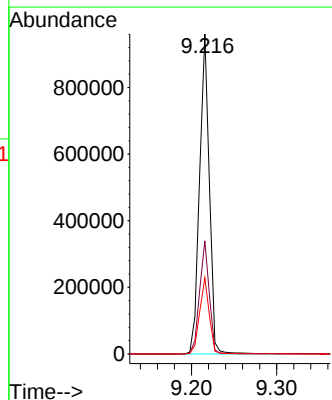
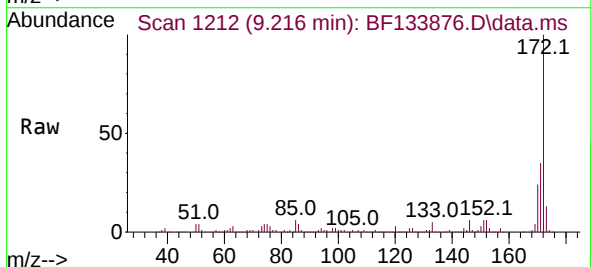


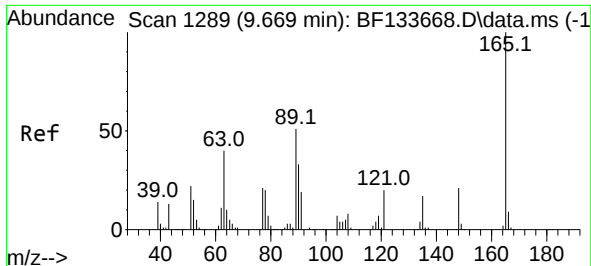
Tgt Ion:330 Resp: 137274
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.2 115.8
 141 34.1 24.9 37.3



#45
 2-Fluorobiphenyl
 Concen: 76.186 ng
 RT: 9.216 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

Tgt Ion:172 Resp: 763173
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 43.0
 170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.373 ng

RT: 9.898 min Scan# 1328

Delta R.T. 0.218 min

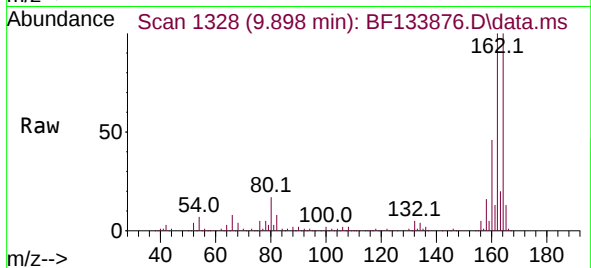
Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :



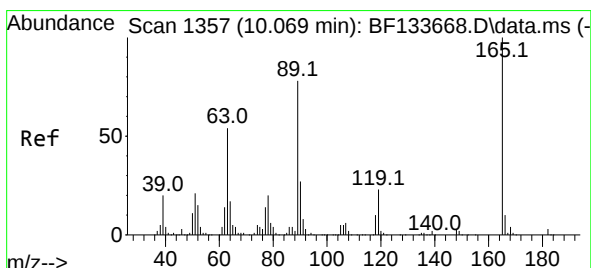
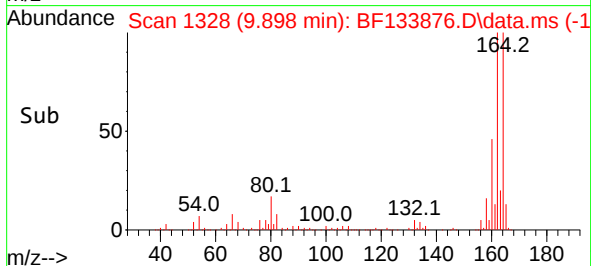
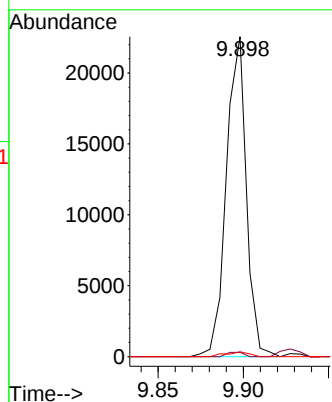
Tgt Ion:165 Resp: 18370

Ion Ratio Lower Upper

165 100

63 1.3 42.1 63.1#

89 1.5 40.9 61.3#



#57

2,4-Dinitrotoluene

Concen: 6.584 ng

RT: 9.898 min Scan# 1328

Delta R.T. -0.188 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Tgt Ion:165 Resp: 18370

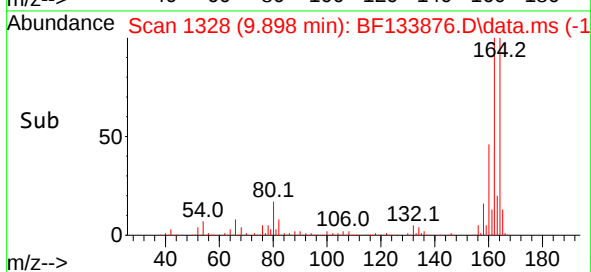
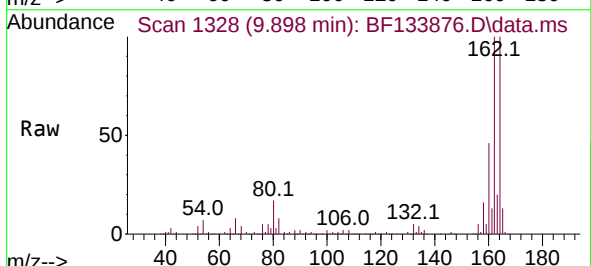
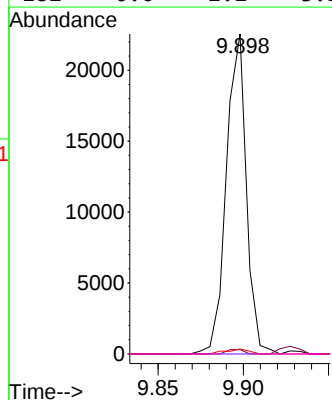
Ion Ratio Lower Upper

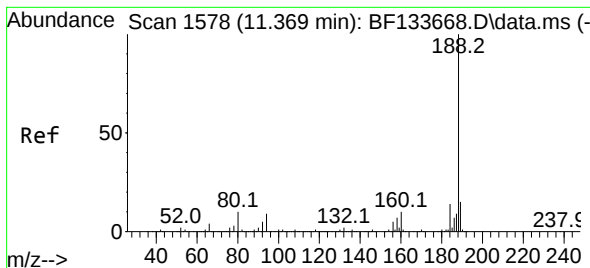
165 100

63 1.3 43.0 64.6#

89 1.5 62.6 93.8#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

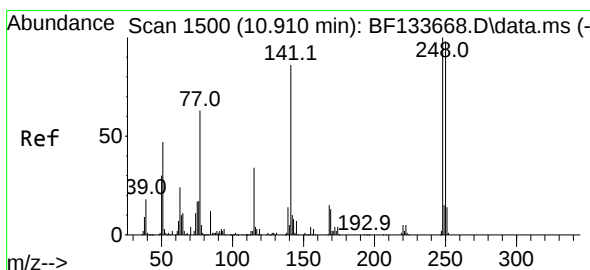
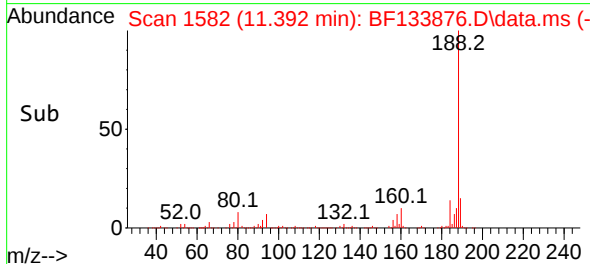
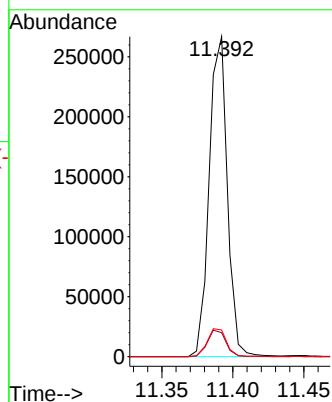
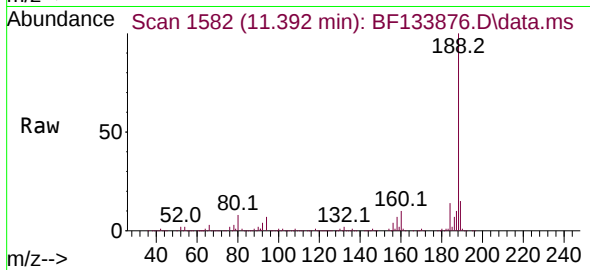
Tgt Ion:188 Resp: 237008

Ion Ratio Lower Upper

188 100

94 7.5 6.8 10.2

80 8.3 7.8 11.6



#67

4-Bromophenyl-phenylether

Concen: 3.268 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

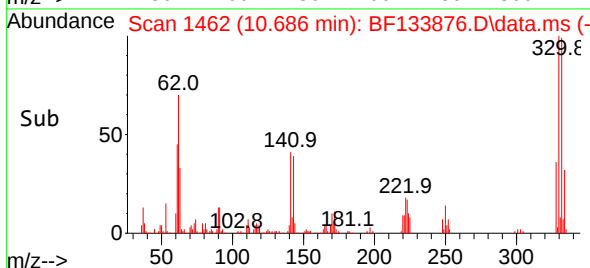
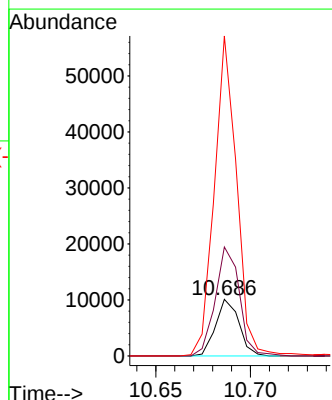
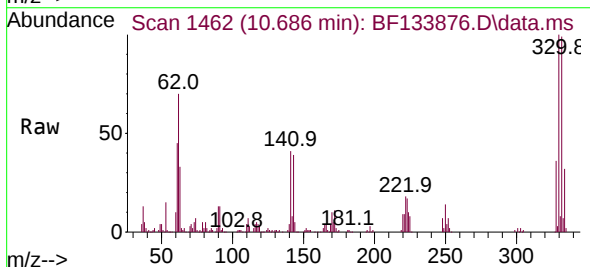
Tgt Ion:248 Resp: 8646

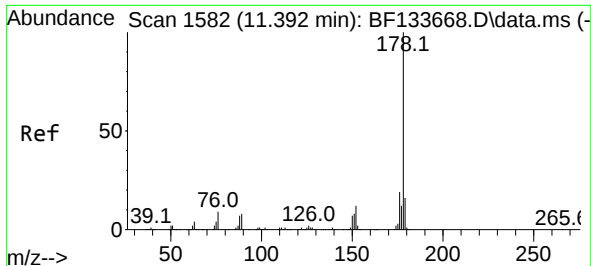
Ion Ratio Lower Upper

248 100

250 192.4 78.3 117.5#

141 565.5 69.0 103.6#

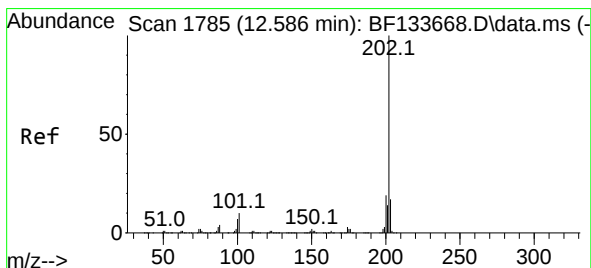
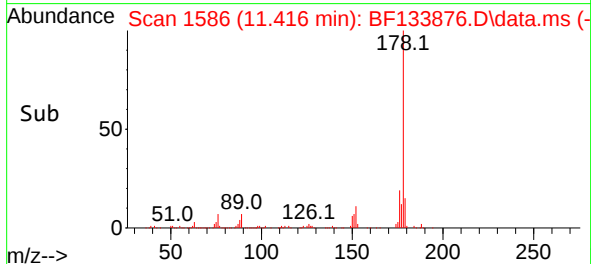
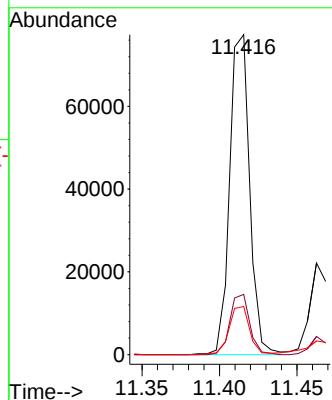
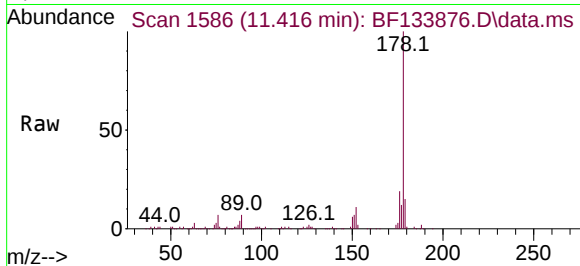




#71
Phenanthrene
Concen: 5.785 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

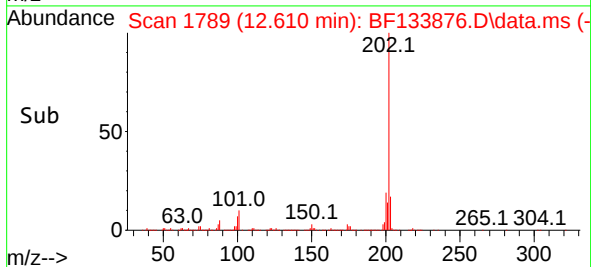
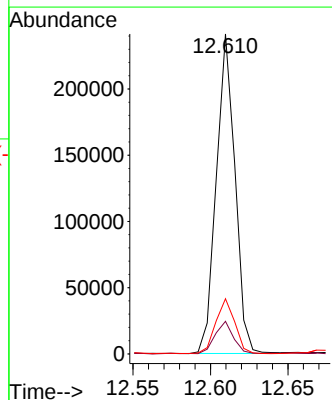
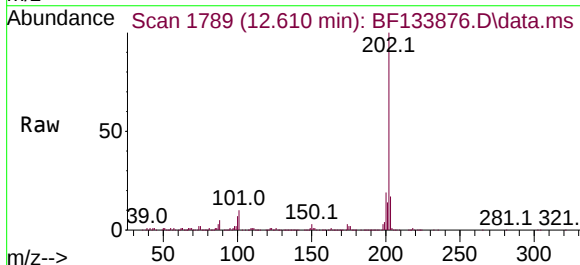
Instrument :
BNA_F
ClientSampleId :

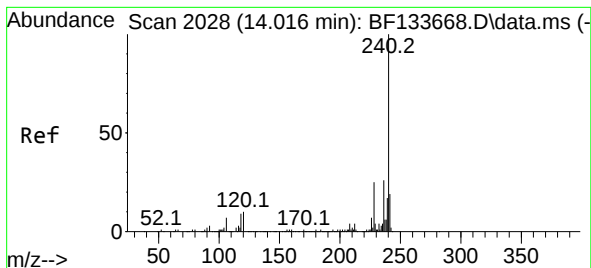
Tgt Ion:178 Resp: 69562
Ion Ratio Lower Upper
178 100
176 18.8 15.6 23.4
179 15.0 12.4 18.6



#75
Fluoranthene
Concen: 15.874 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF133876.D
Acq: 21 Jun 2023 17:57

Tgt Ion:202 Resp: 202696
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.2 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: BF133876.D

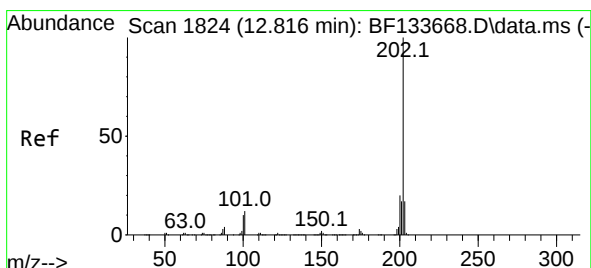
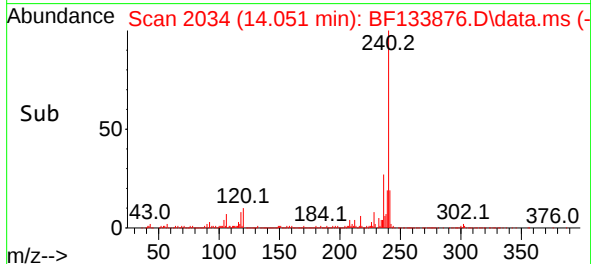
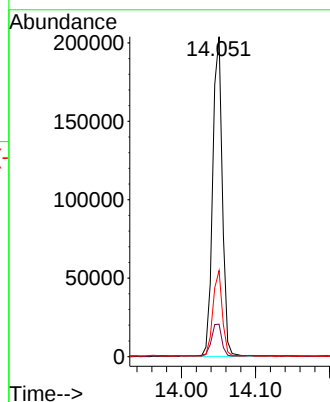
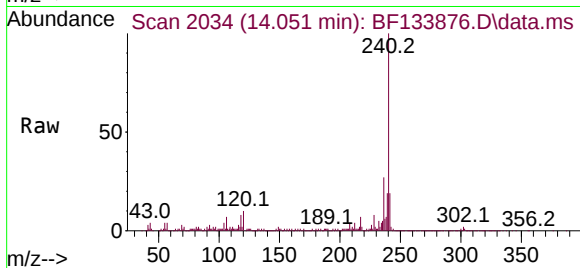
Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:240	Resp:	184590
Ion Ratio	Lower	Upper
240	100	
120	10.1	8.1 12.1
236	26.9	20.5 30.7



#78

Pyrene

Concen: 11.443 ng

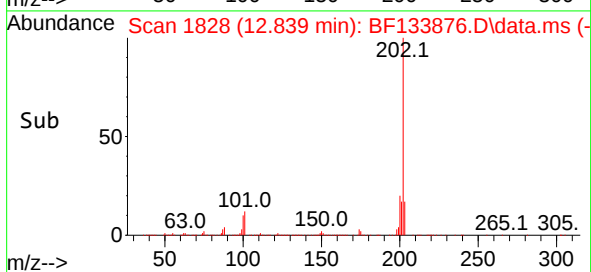
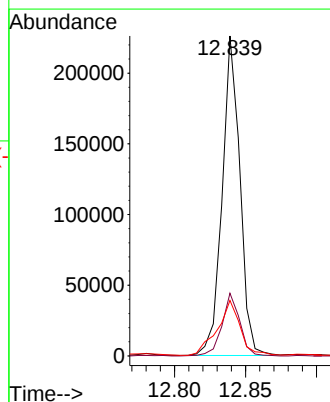
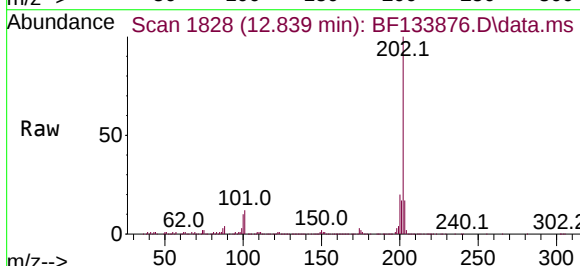
RT: 12.839 min Scan# 1828

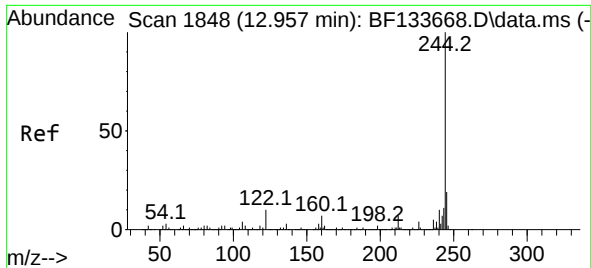
Delta R.T. -0.000 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Tgt Ion:202	Resp:	196766
Ion Ratio	Lower	Upper
202	100	
200	19.6	16.2 24.2
203	17.3	13.9 20.9

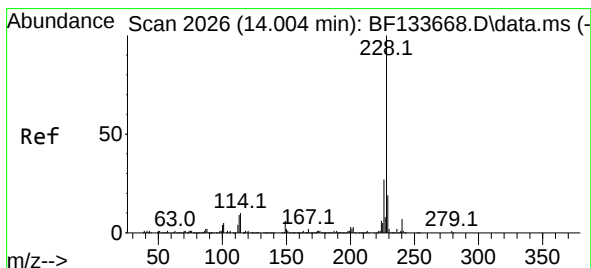
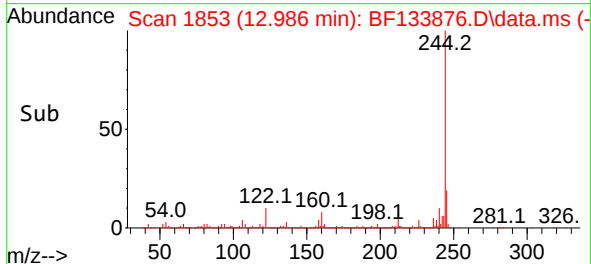
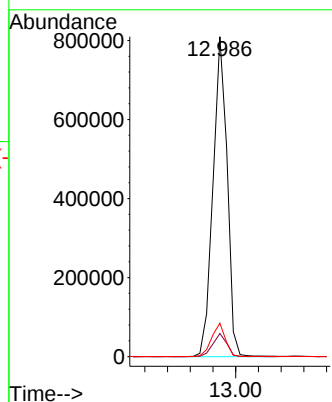
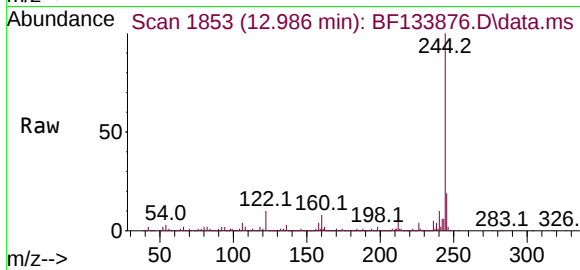




#79
 Terphenyl-d14
 Concen: 58.807 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. -0.000 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

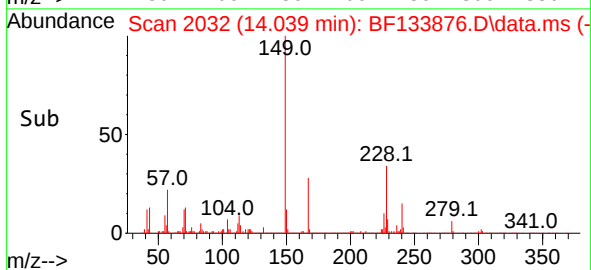
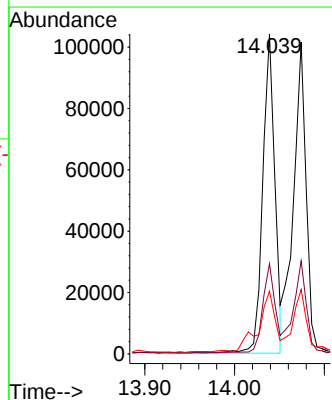
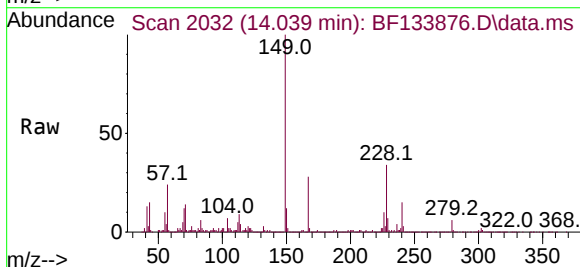
Instrument :
 BNA_F
 ClientSampleId :

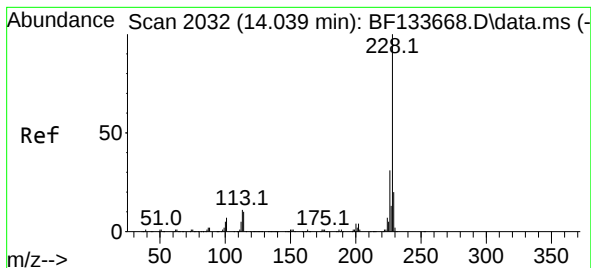
Tgt Ion:244 Resp: 701532
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 10.4 8.1 12.1



#81
 Benzo(a)anthracene
 Concen: 7.633 ng
 RT: 14.039 min Scan# 2032
 Delta R.T. 0.006 min
 Lab File: BF133876.D
 Acq: 21 Jun 2023 17:57

Tgt Ion:228 Resp: 97463
 Ion Ratio Lower Upper
 228 100
 226 28.2 21.7 32.5
 229 19.6 15.4 23.2





#83

Chrysene

Concen: 7.674 ng

RT: 14.074 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF133876.D

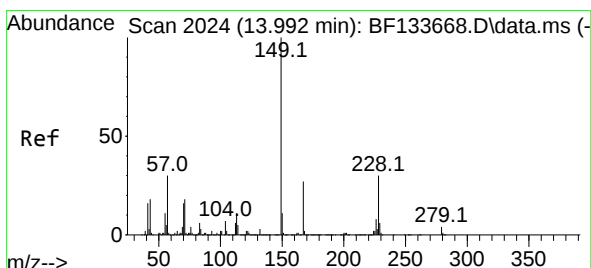
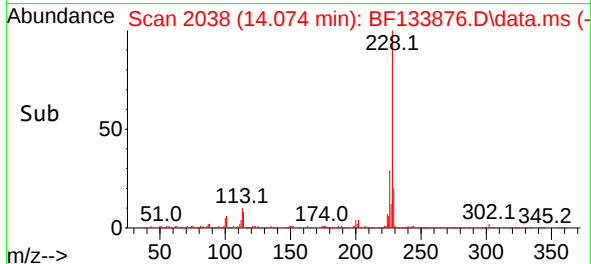
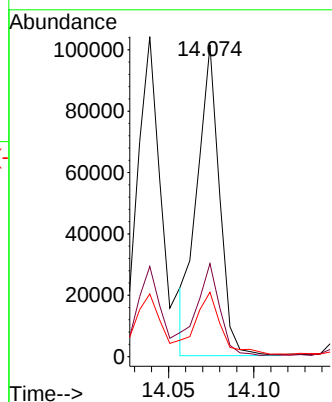
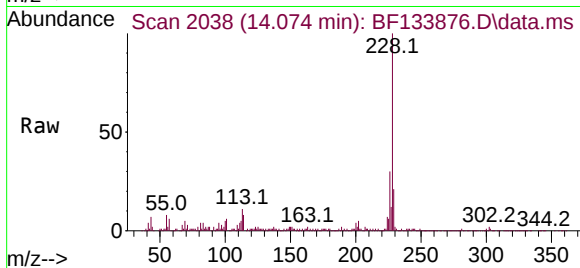
Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp:	92671
Ion Ratio	Lower	Upper
228	100	
226	29.9	25.0 37.6
229	20.7	15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 79.679 ng

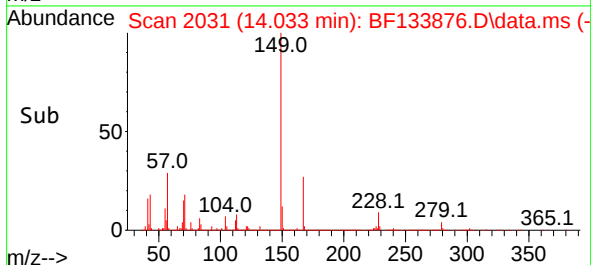
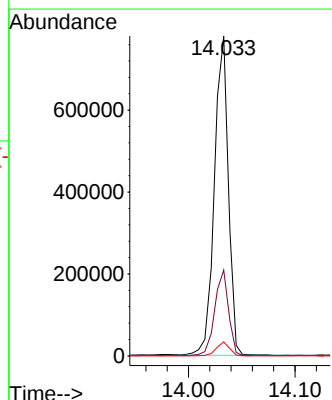
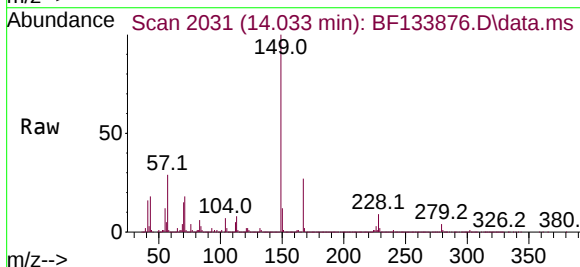
RT: 14.033 min Scan# 2031

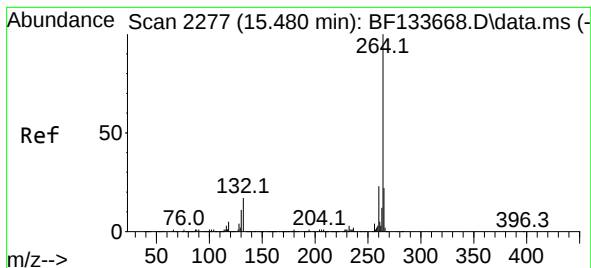
Delta R.T. 0.006 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Tgt Ion:149	Resp:	712193
Ion Ratio	Lower	Upper
149	100	
167	26.8	21.8 32.8
279	4.4	3.3 4.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

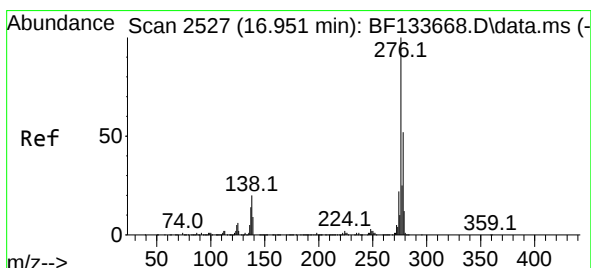
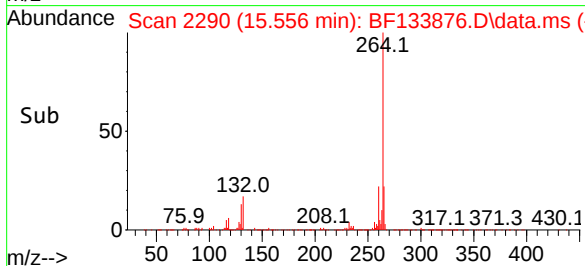
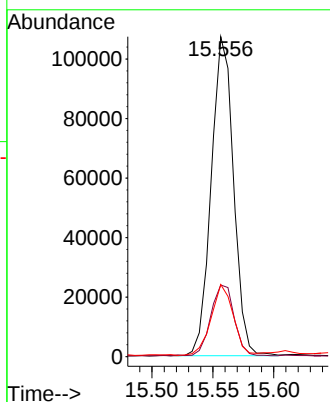
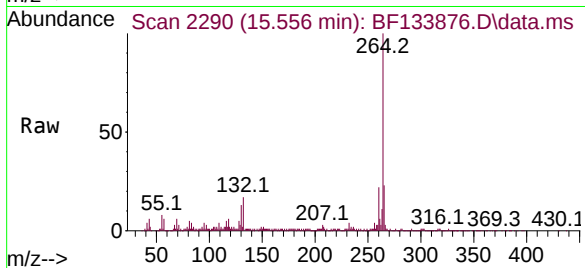
Tgt Ion:264 Resp: 136634

Ion Ratio Lower Upper

264 100

260 22.4 18.2 27.2

265 22.5 17.8 26.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 4.173 ng

RT: 17.103 min Scan# 2553

Delta R.T. 0.006 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

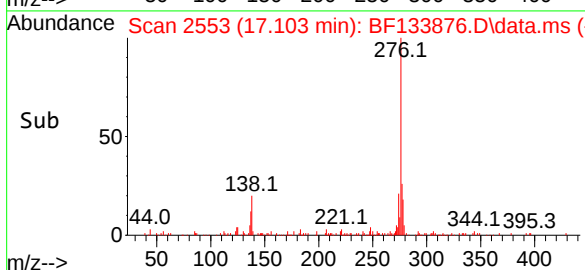
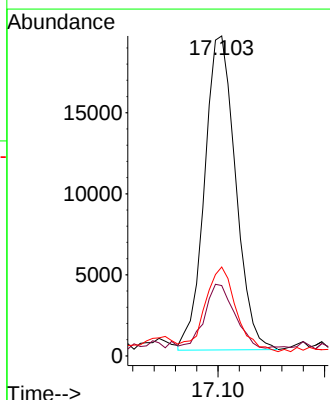
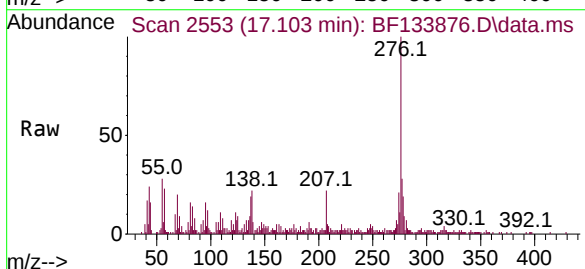
Tgt Ion:276 Resp: 39225

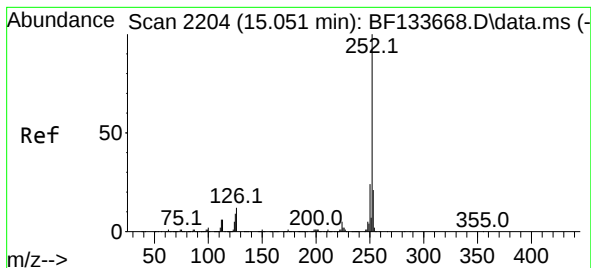
Ion Ratio Lower Upper

276 100

138 19.8 17.9 26.9

277 27.3 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 16.906 ng

RT: 15.109 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

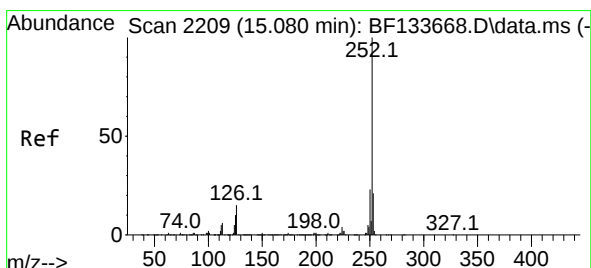
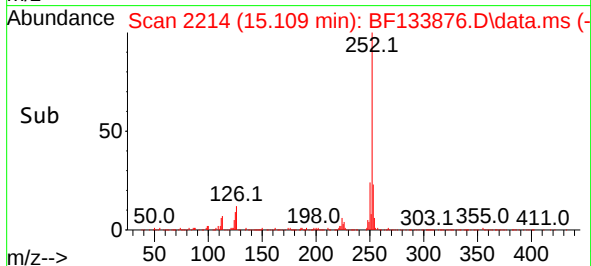
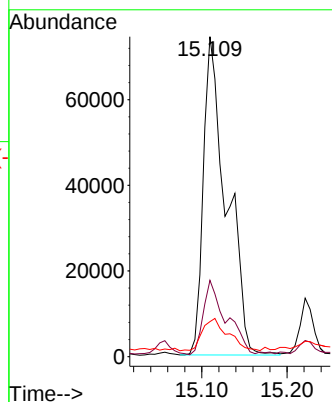
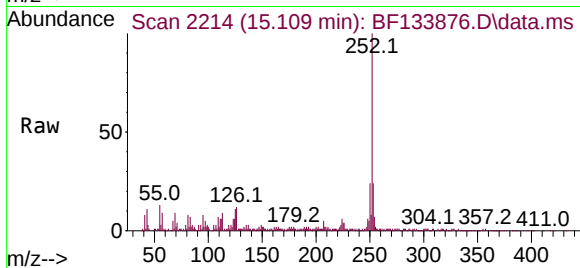
Tgt Ion:252 Resp: 140322

Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.6

125 10.9 7.3 10.9#



#89

Benzo(k)fluoranthene

Concen: 17.356 ng

RT: 15.109 min Scan# 2214

Delta R.T. -0.024 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

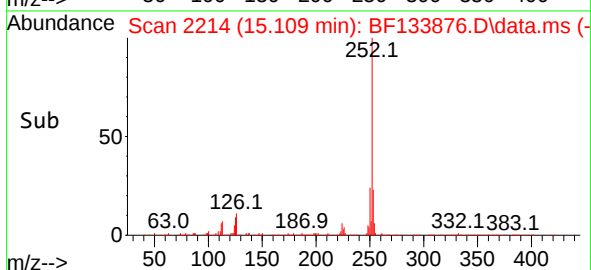
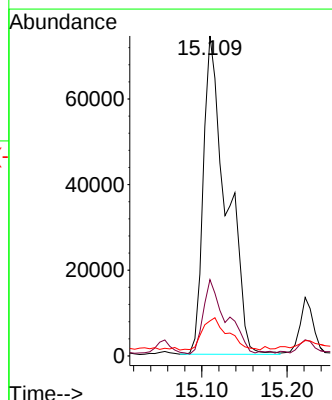
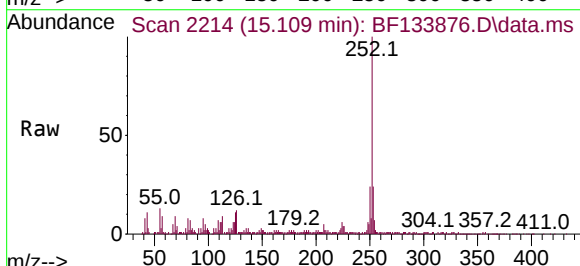
Tgt Ion:252 Resp: 140322

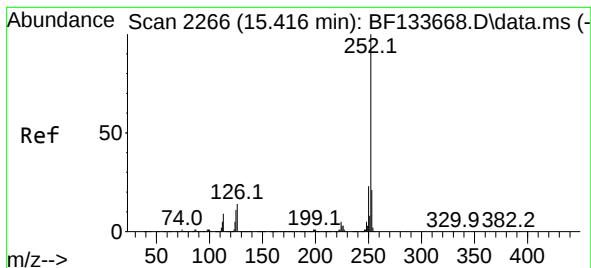
Ion Ratio Lower Upper

252 100

253 23.8 17.0 25.4

125 10.9 7.8 11.6





#90

Benzo(a)pyrene

Concen: 8.779 ng

RT: 15.492 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133876.D

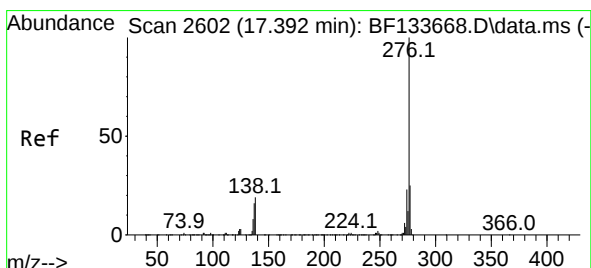
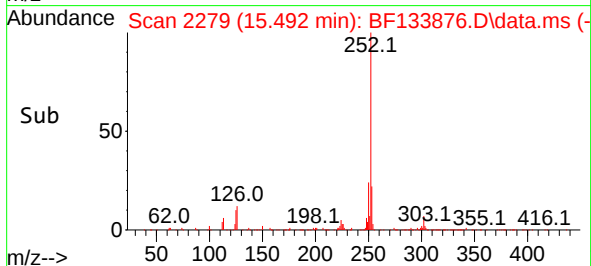
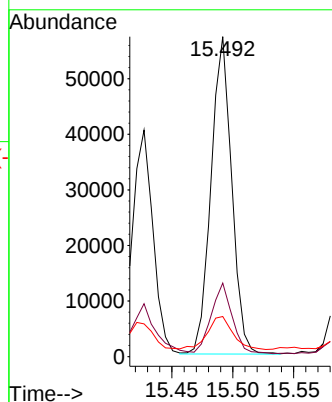
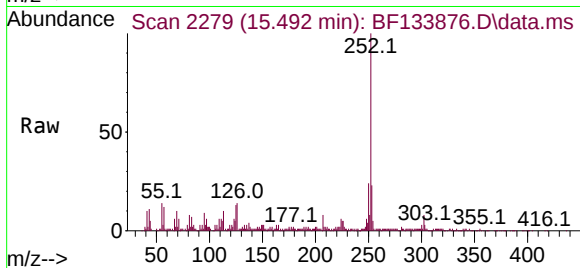
Acq: 21 Jun 2023 17:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	252	Resp:	67625
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	12.6	8.6	13.0



#92

Benzo(g,h,i)perylene

Concen: 5.138 ng

RT: 17.574 min Scan# 2633

Delta R.T. -0.000 min

Lab File: BF133876.D

Acq: 21 Jun 2023 17:57

Tgt Ion:	276	Resp:	39646
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.8	29.8
138	21.3	15.0	22.4

