

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071023\
 Data File : BF134182.D
 Acq On : 10 Jul 2023 12:16
 Operator : CG\JU
 Sample : DFTPP
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 10 15:54:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

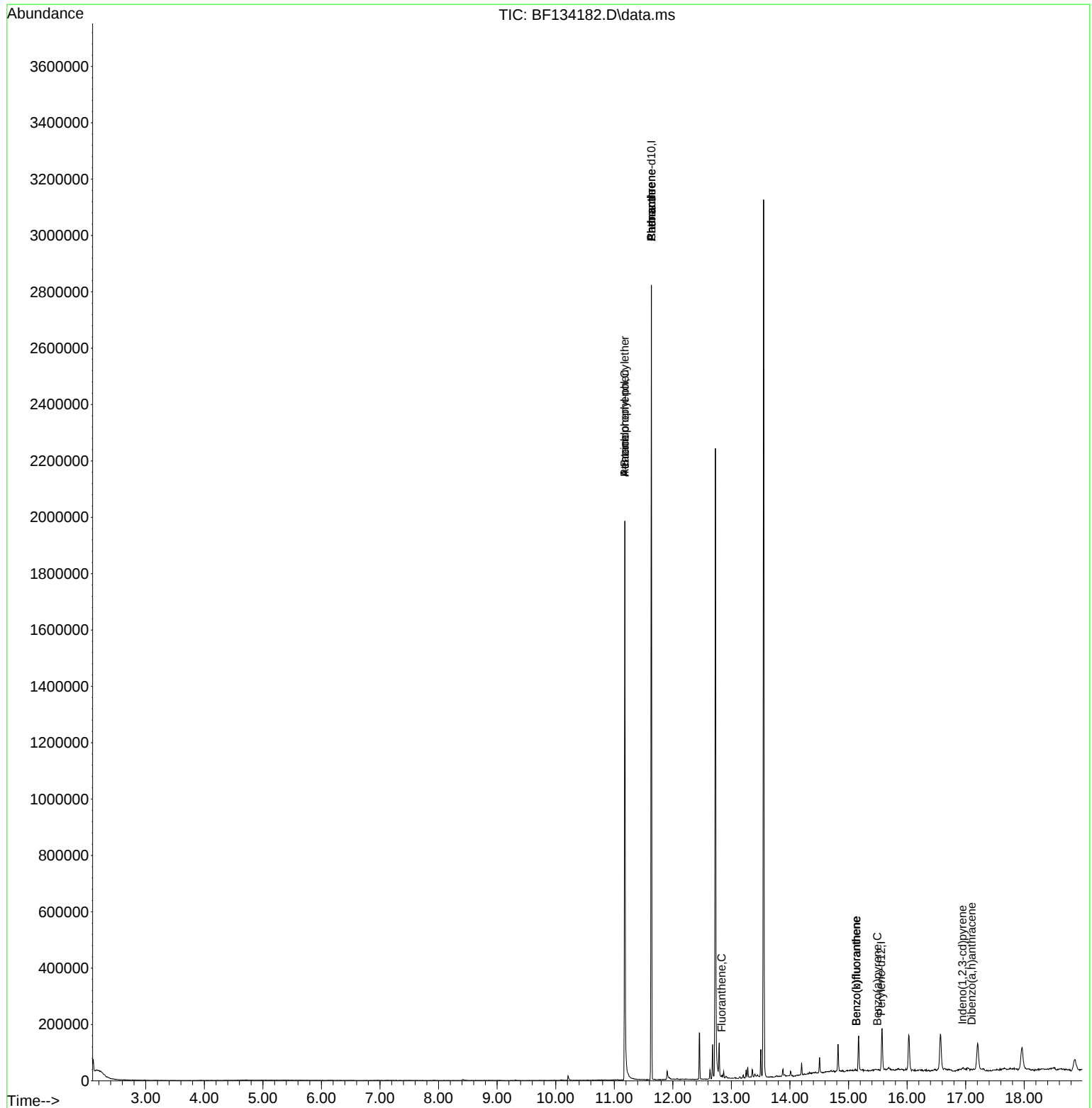
Internal Standards						
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ng	-6.85
21) Naphthalene-d8	0.000	136	0	0.000	ng	-8.13
39) Acenaphthene-d10	0.000	164	0	0.000	ng	-9.89
64) Phenanthrene-d10	11.633	188	1130	20.000	ng	# 0.25
76) Chrysene-d12	0.000	240	0	0.000	ng	-14.05
86) Perylene-d12	15.557	264	195	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.969	244	219	0.000	ng	-0.02
Target Compounds						Qvalue
67) 4-Bromophenyl-phenylether	11.180	248	57	4.746	ng	# 1
69) Atrazine	11.180	200	40901	4095.591	ng	# 35
70) Pentachlorophenol	11.180	266	218646	28675.389	ng	98
71) Phenanthrene	11.633	178	832	14.626	ng	# 1
72) Anthracene	11.633	178	832	14.062	ng	# 1
73) Carbazole	11.633	167	12471	230.275	ng	# 81
75) Fluoranthene	12.833	202	152	2.472	ng	64
87) Indeno(1,2,3-cd)pyrene	16.945	276	71	5.247	ng	# 51
88) Benzo(b)fluoranthene	15.133	252	221	19.274	ng	# 30
89) Benzo(k)fluoranthene	15.133	252	221	18.930	ng	# 30
90) Benzo(a)pyrene	15.492	252	54	4.870	ng	# 1
91) Dibenzo(a,h)anthracene	17.104	278	72	6.515	ng	# 56

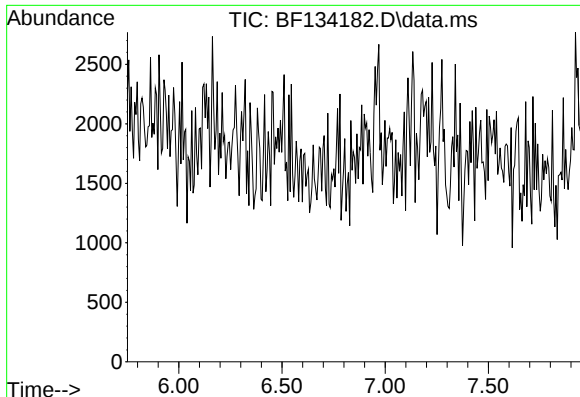
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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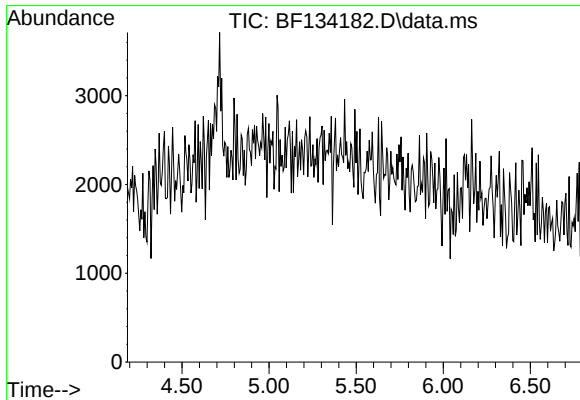
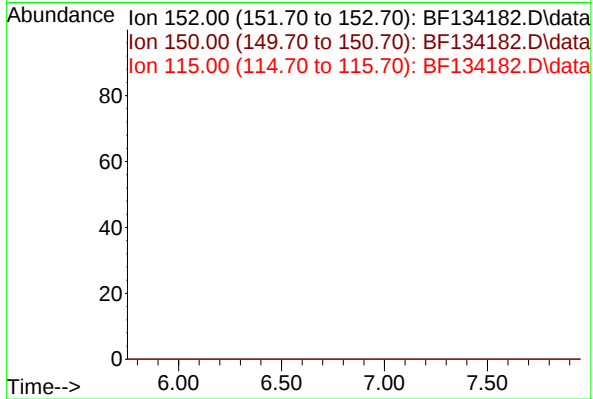


#1
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ng
 Expected RT: 6.85 min

 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :

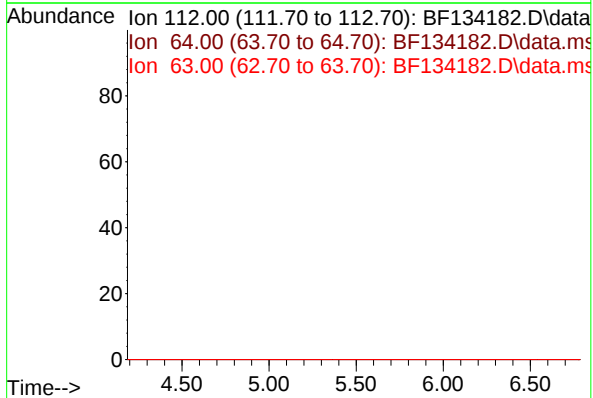
Tgt Ion: 152
 Sig Exp Ratio
 152 100
 150 155.6
 115 62.7

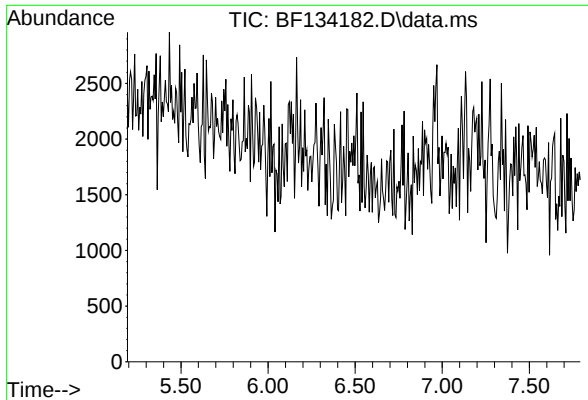


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.49 min

 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 65.1
 63 35.7



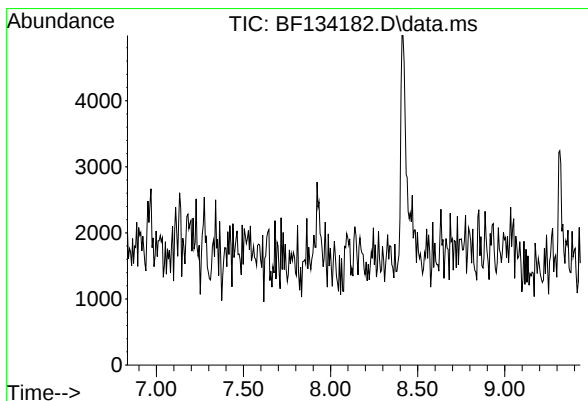
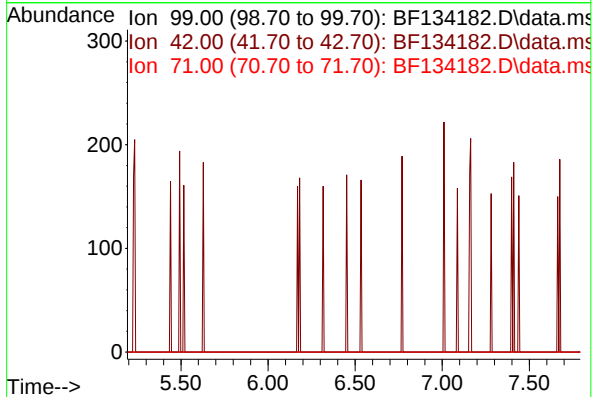


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.49 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 99

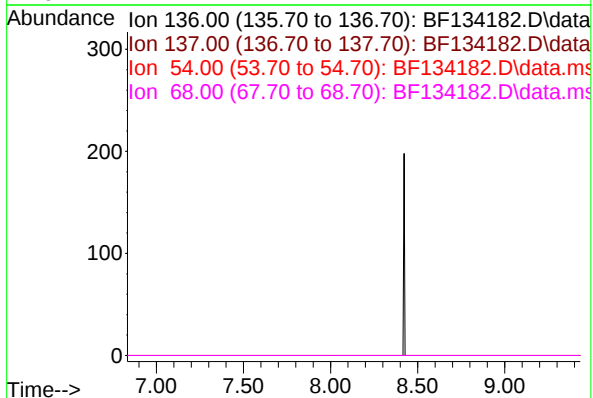
Sig	Exp Ratio
99	100
42	24.7
71	39.9

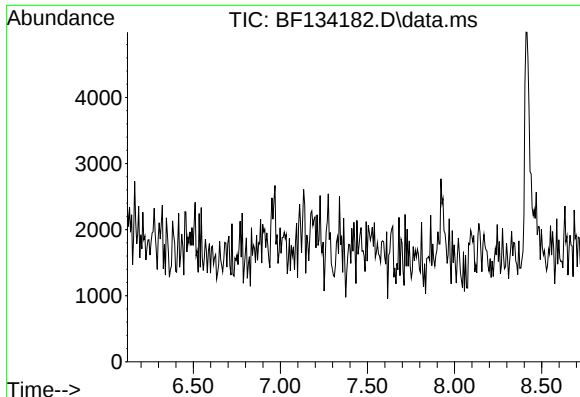


#21
 Naphthalene-d8
 Concen: 0.000 ng
 Expected RT: 8.13 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Tgt Ion: 136

Sig	Exp Ratio
136	100
137	10.7
54	8.1
68	5.2



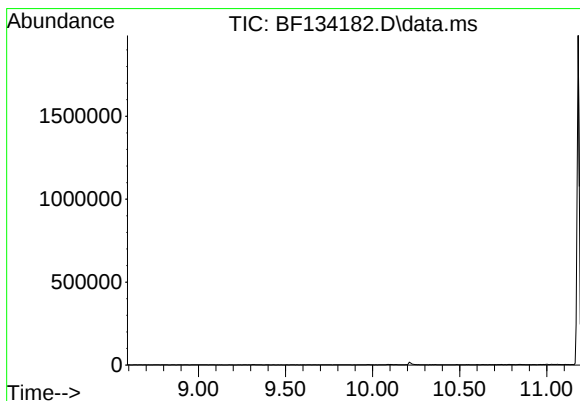
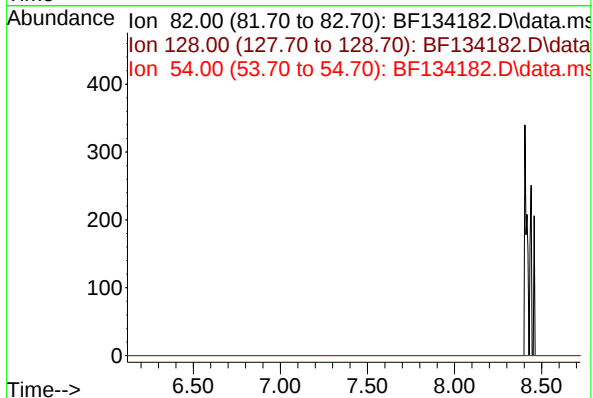


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.42 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion: 82

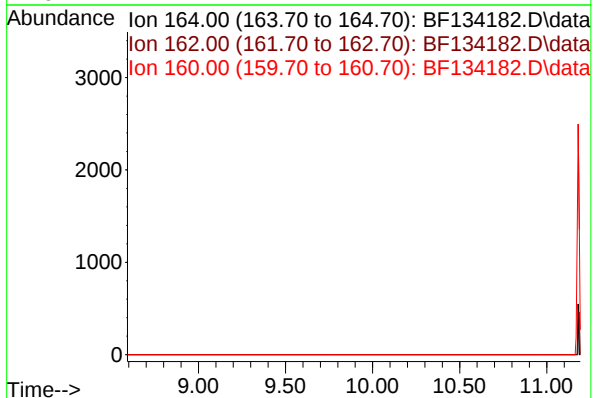
Sig	Exp Ratio
82	100
128	40.6
54	60.2

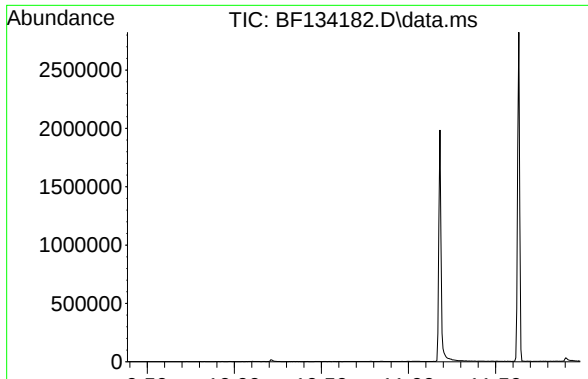


#39
 Acenaphthene-d10
 Concen: 0.000 ng
 Expected RT: 9.89 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Tgt Ion: 164

Sig	Exp Ratio
164	100
162	100.0
160	44.9

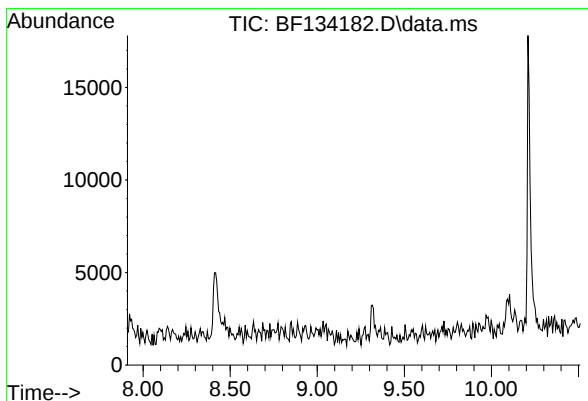
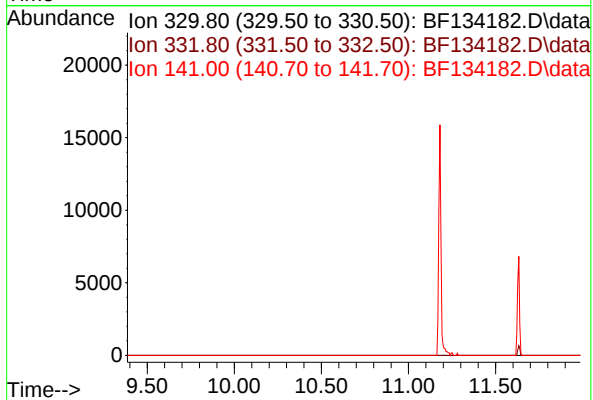




#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.69 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

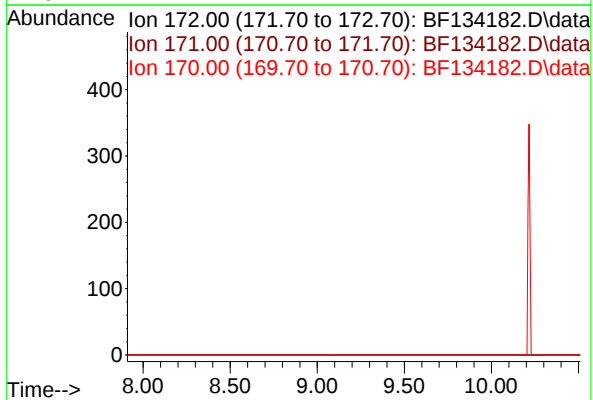
Instrument :
 BNA_F
 ClientSampleId :

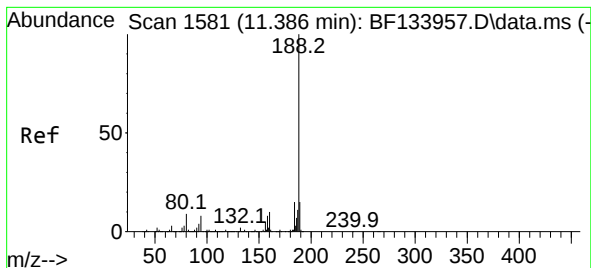
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 32.9



#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.21 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Tgt Ion: 172
 Sig Exp Ratio
 172 100
 171 35.8
 170 24.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.247 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

Instrument :

BNA_F

ClientSampleId :

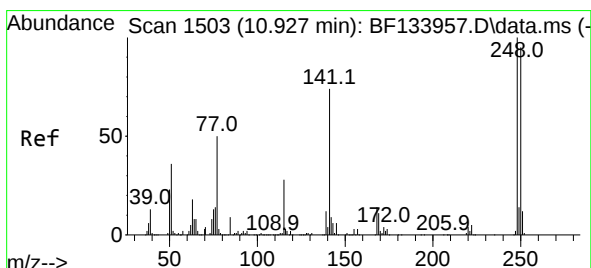
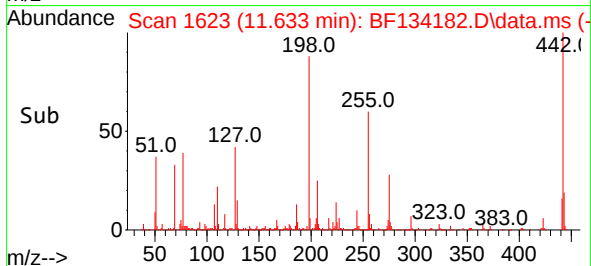
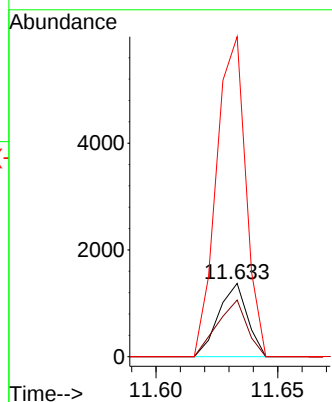
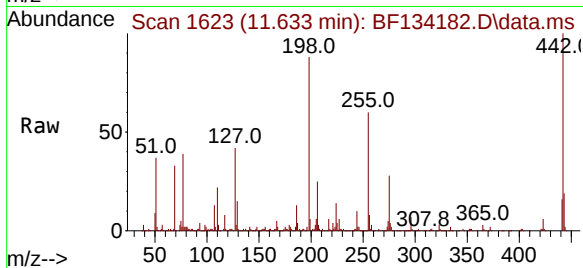
Tgt Ion:188 Resp: 1130

Ion Ratio Lower Upper

188 100

94 77.3 6.4 9.6#

80 437.0 7.3 10.9#



#67

4-Bromophenyl-phenylether

Concen: 4.746 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.253 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

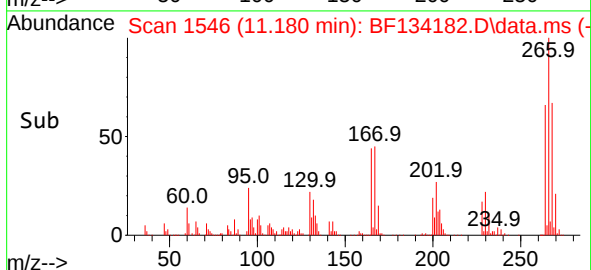
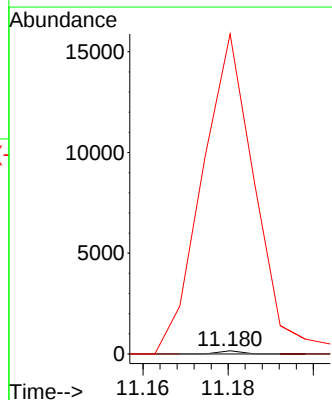
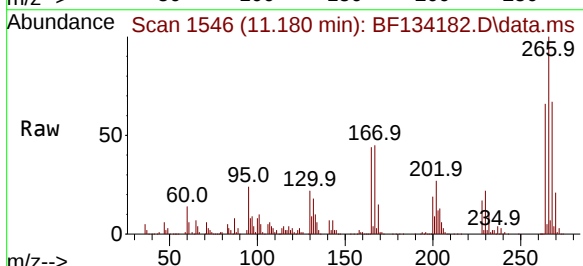
Tgt Ion:248 Resp: 57

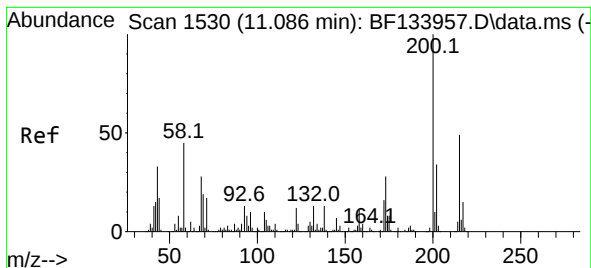
Ion Ratio Lower Upper

248 100

250 0.0 76.2 114.4#

141 9866.5 59.0 88.4#





#69

Atrazine

Concen: 4095.591 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.094 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

Instrument :

BNA_F

ClientSampleId :

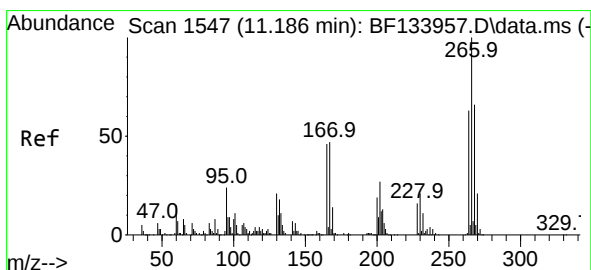
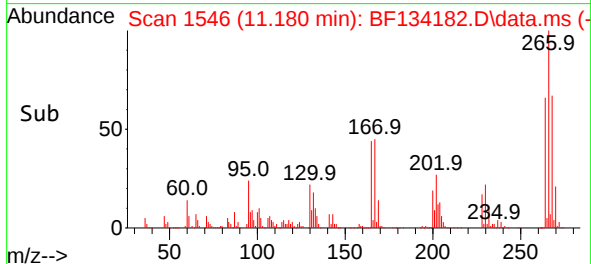
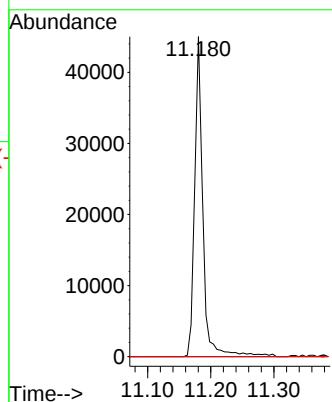
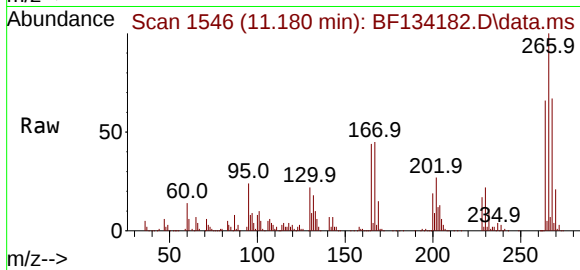
Tgt Ion:200 Resp: 40901

Ion Ratio Lower Upper

200 100

173 0.0 8.0 48.0#

215 0.0 29.3 69.3#



#70

Pentachlorophenol

Concen: 28675.389 ng

RT: 11.180 min Scan# 1546

Delta R.T. -0.012 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

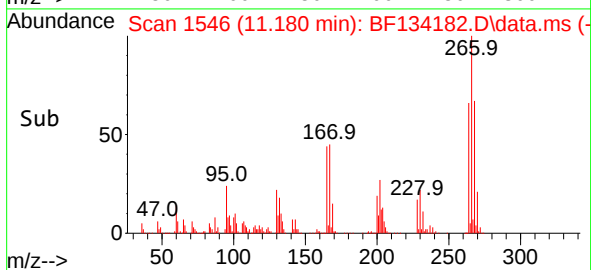
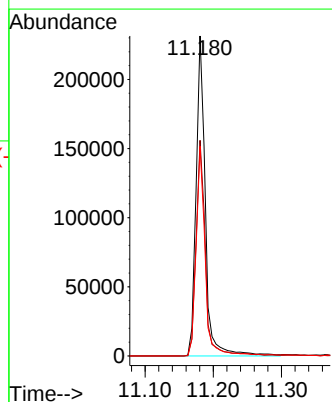
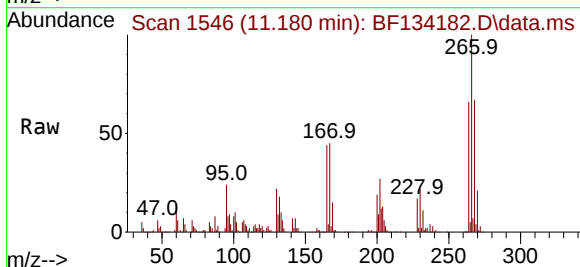
Tgt Ion:266 Resp: 218646

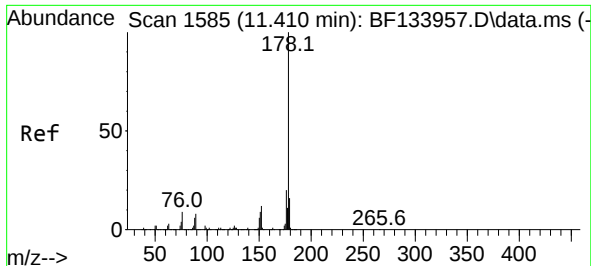
Ion Ratio Lower Upper

266 100

268 67.4 52.6 79.0

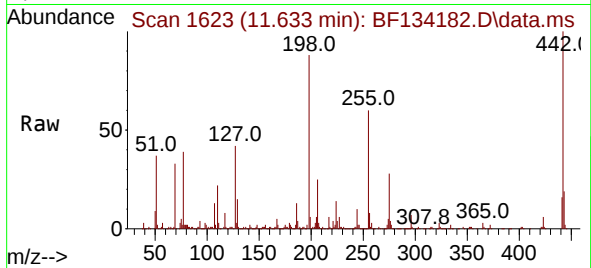
264 65.6 50.6 76.0



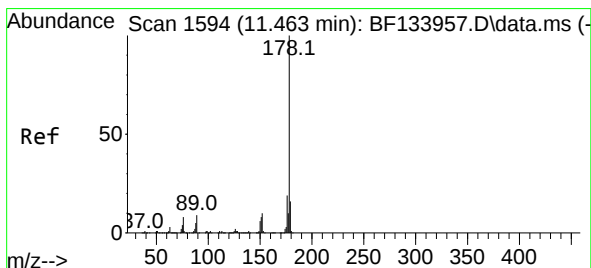
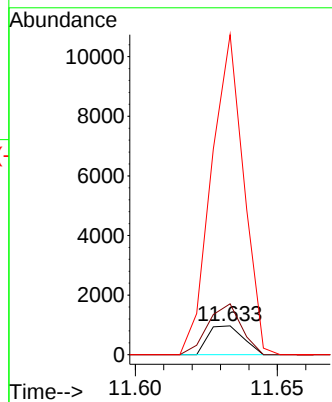
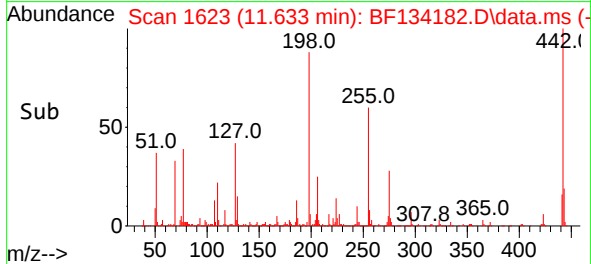


#71
Phenanthrene
Concen: 14.626 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.223 min
Lab File: BF134182.D
Acq: 10 Jul 2023 12:16

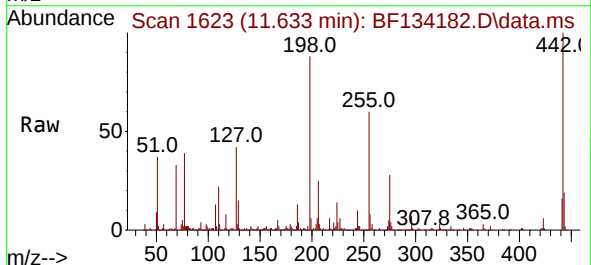
Instrument :
BNA_F
ClientSampleId :



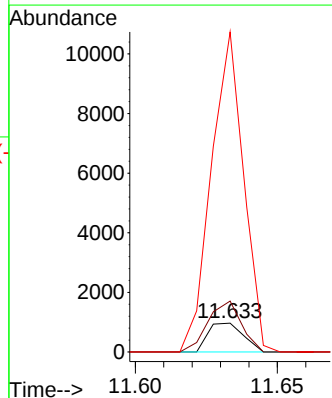
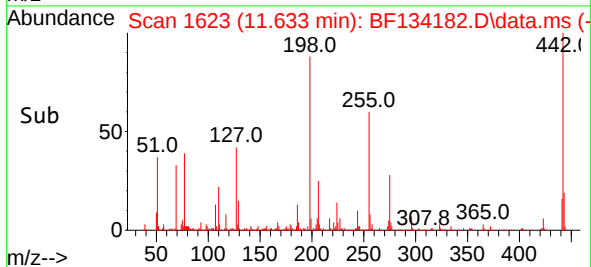
Tgt Ion:178 Resp: 832
Ion Ratio Lower Upper
178 100
176 176.6 16.0 24.0#
179 1111.6 12.4 18.6#

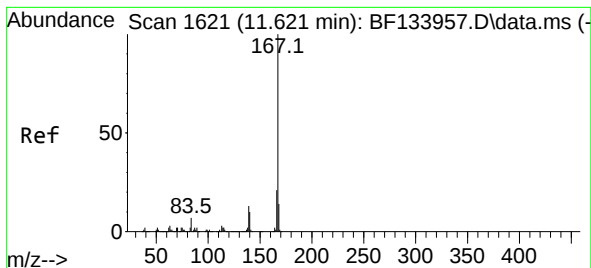


#72
Anthracene
Concen: 14.062 ng
RT: 11.633 min Scan# 1623
Delta R.T. 0.171 min
Lab File: BF134182.D
Acq: 10 Jul 2023 12:16



Tgt Ion:178 Resp: 832
Ion Ratio Lower Upper
178 100
176 176.6 15.3 22.9#
179 1111.6 12.4 18.6#





#73

Carbazole

Concen: 230.275 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.012 min

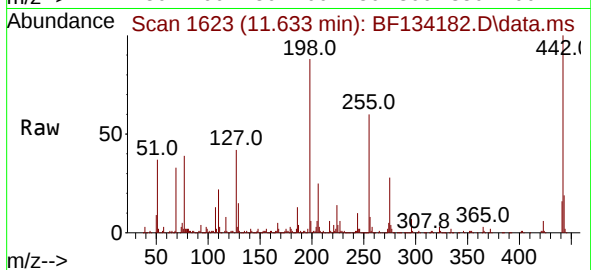
Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

Instrument :

BNA_F

ClientSampleId :



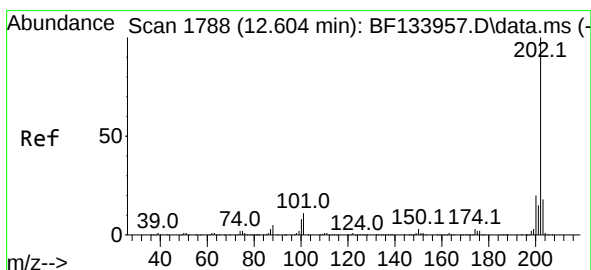
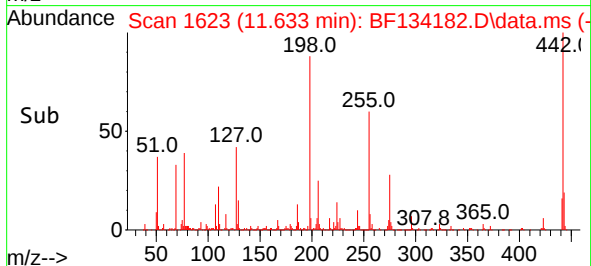
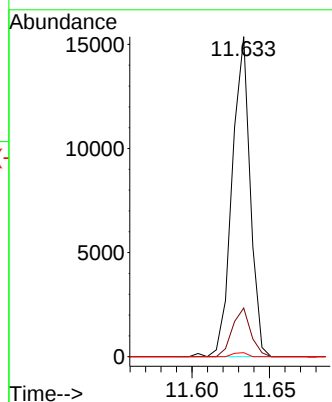
Tgt Ion:167 Resp: 12471

Ion Ratio Lower Upper

167 100

166 15.2 17.0 25.6#

139 1.2 10.4 15.6#



#75

Fluoranthene

Concen: 2.472 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.223 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

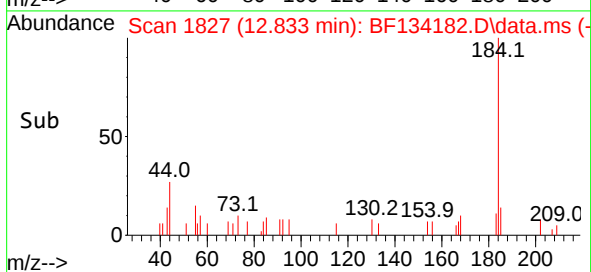
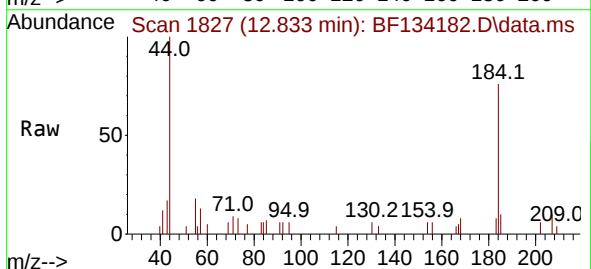
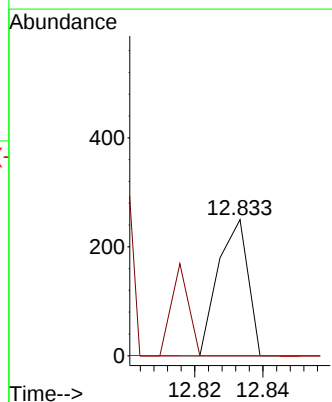
Tgt Ion:202 Resp: 152

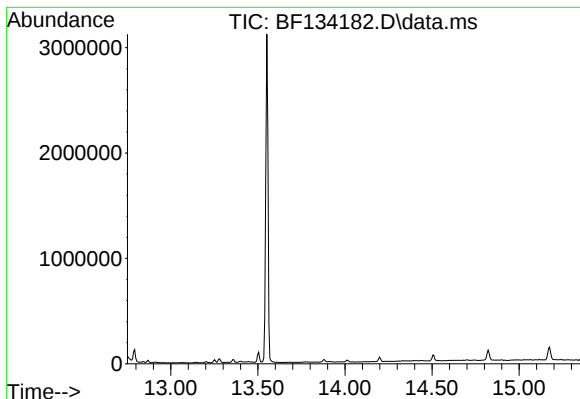
Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.0

203 0.0 0.0 37.6

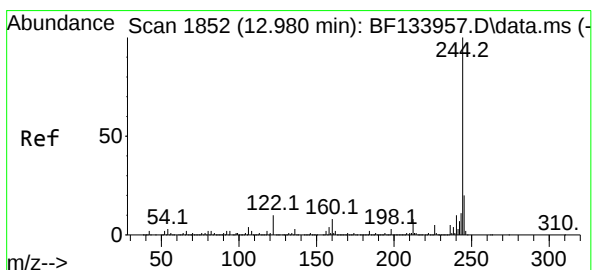
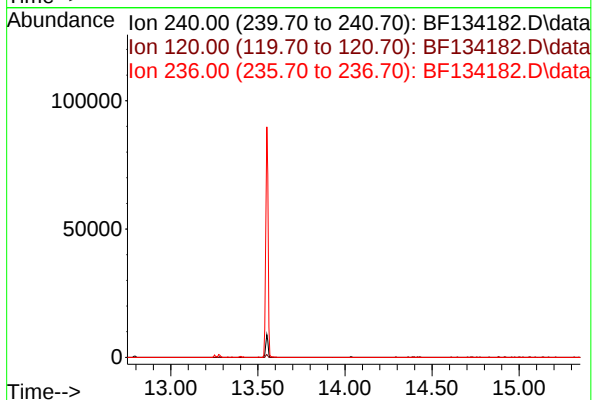




#76
 Chrysene-d12
 Concen: 0.000 ng
 Expected RT: 14.05 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

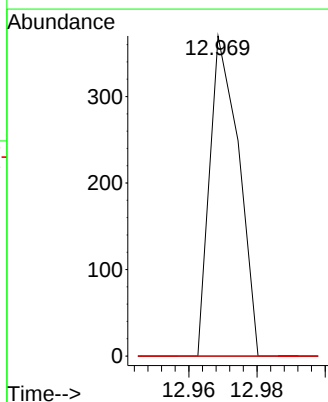
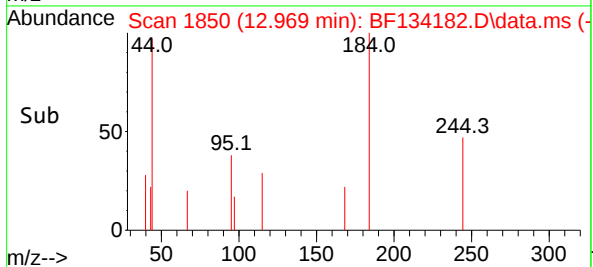
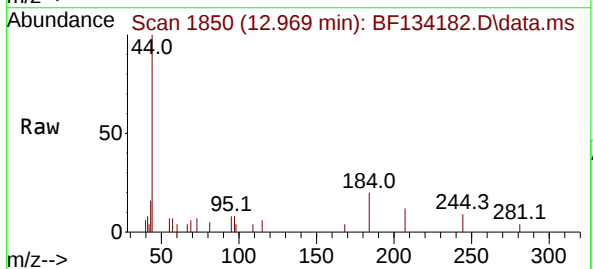
Instrument :
 BNA_F
 ClientSampleId :

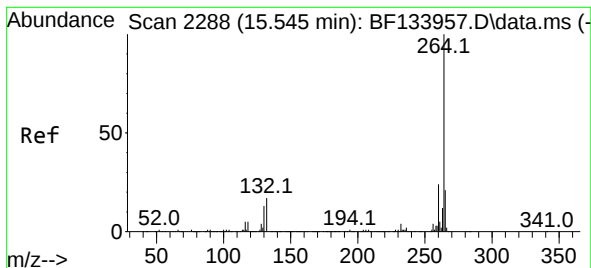
Tgt Ion: 240
 Sig Exp Ratio
 240 100
 120 9.2
 236 26.3



#79
 Terphenyl-d14
 Concen: 0.000 ng
 RT: 12.969 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF134182.D
 Acq: 10 Jul 2023 12:16

Tgt Ion: 244 Resp: 219
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 8.3 12.5#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

Instrument :

BNA_F

ClientSampleId :

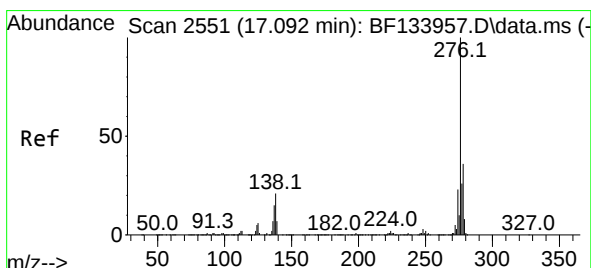
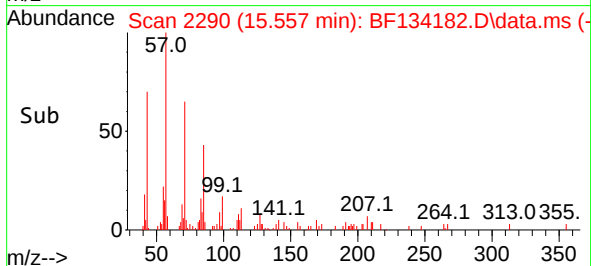
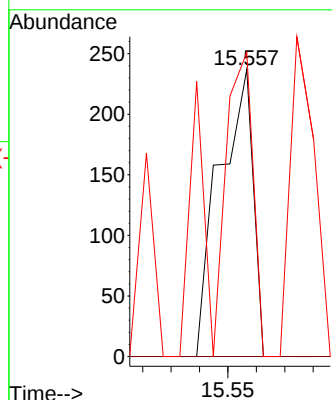
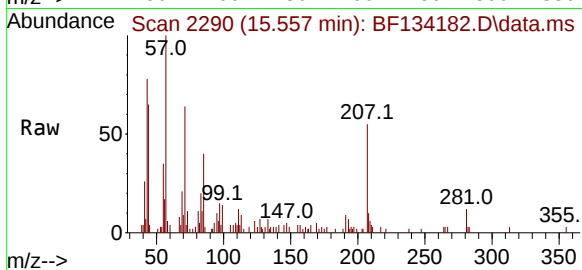
Tgt Ion:264 Resp: 195

Ion Ratio Lower Upper

264 100

260 0.0 19.5 29.3#

265 105.9 16.6 25.0#



#87

Indeno(1,2,3-cd)pyrene

Concen: 5.247 ng

RT: 16.945 min Scan# 2526

Delta R.T. -0.165 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

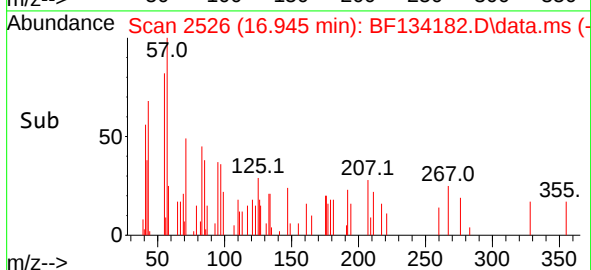
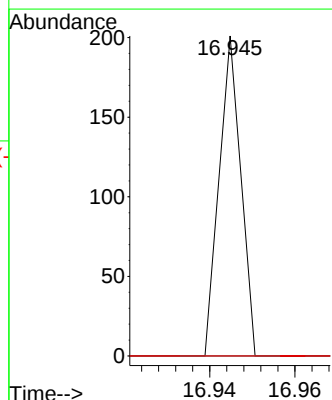
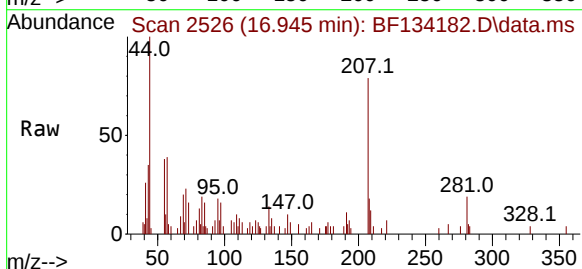
Tgt Ion:276 Resp: 71

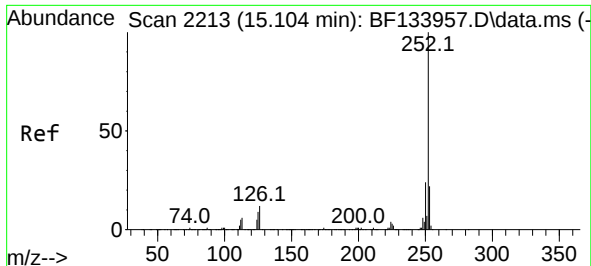
Ion Ratio Lower Upper

276 100

138 0.0 18.7 28.1#

277 0.0 19.9 29.9#

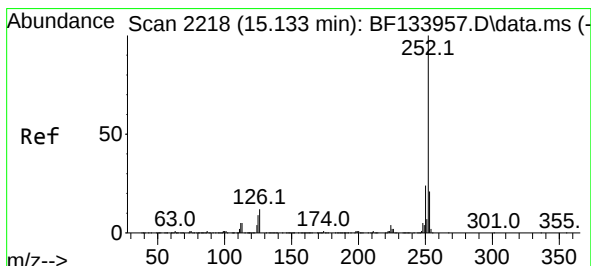
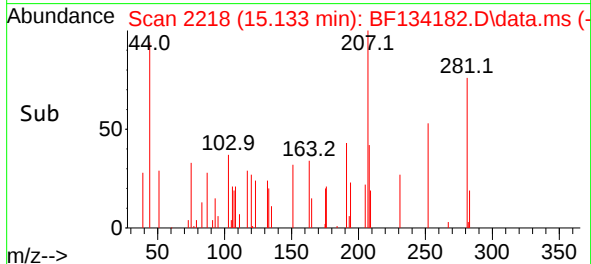
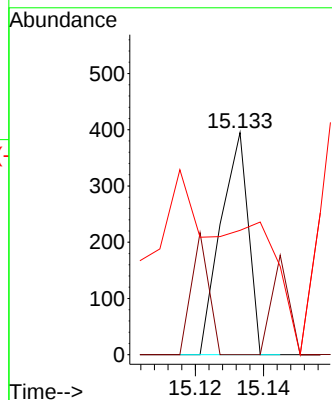
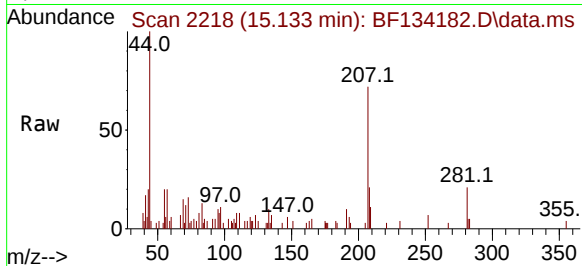




#88
Benzo(b)fluoranthene
Concen: 19.274 ng
RT: 15.133 min Scan# 2213
Delta R.T. 0.024 min
Lab File: BF134182.D
Acq: 10 Jul 2023 12:16

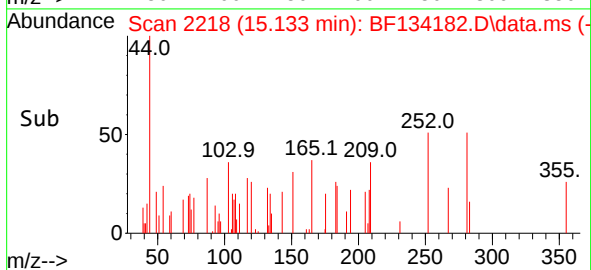
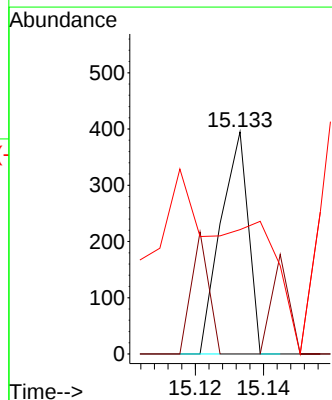
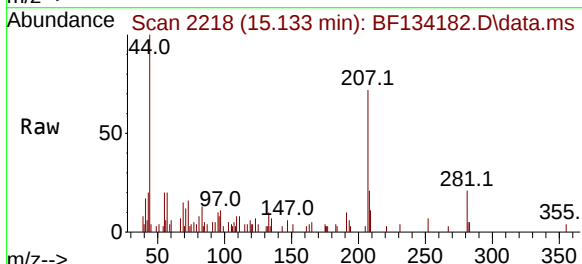
Instrument :
BNA_F
ClientSampleId :

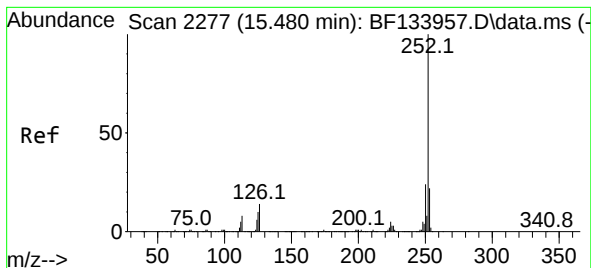
Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
253 0.0 17.4 26.0#
125 55.9 7.1 10.7#



#89
Benzo(k)fluoranthene
Concen: 18.930 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.006 min
Lab File: BF134182.D
Acq: 10 Jul 2023 12:16

Tgt Ion:252 Resp: 221
Ion Ratio Lower Upper
252 100
253 0.0 16.9 25.3#
125 55.9 7.4 11.2#





#90

Benzo(a)pyrene

Concen: 4.870 ng

RT: 15.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF134182.D

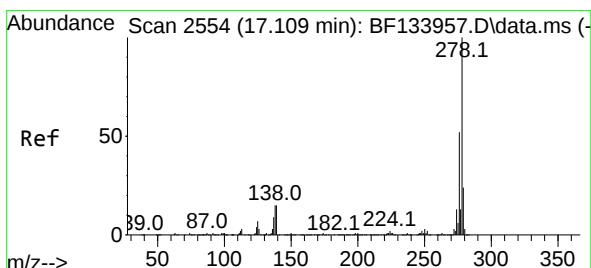
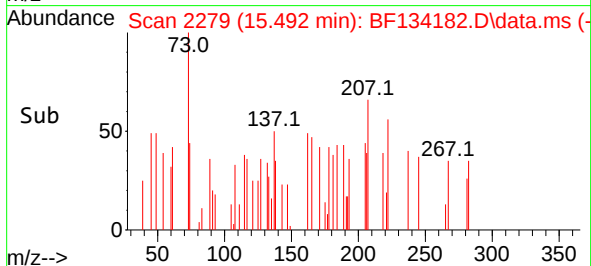
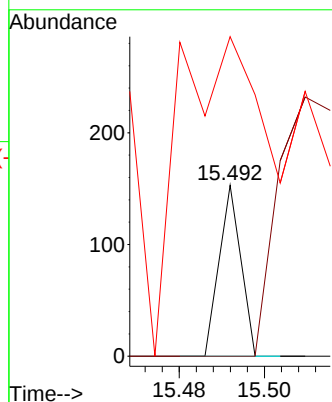
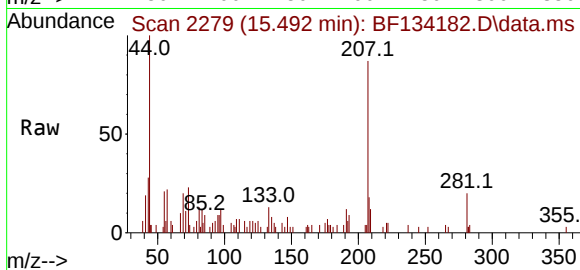
Acq: 10 Jul 2023 12:16

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:252	Resp:	54
Ion Ratio	Lower	Upper
252	100	
253	0.0	17.4 26.0#
125	186.9	8.4 12.6#



#91

Dibenzo(a,h)anthracene

Concen: 6.515 ng

RT: 17.104 min Scan# 2553

Delta R.T. -0.024 min

Lab File: BF134182.D

Acq: 10 Jul 2023 12:16

Tgt Ion:278	Resp:	72
Ion Ratio	Lower	Upper
278	100	
139	0.0	12.2 18.4#
279	0.0	19.4 29.2#

