

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134042.D
 Acq On : 29 Jun 2023 18:02
 Operator : CG\JU
 Sample : 03355-08DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPDL

Quant Time: Jun 30 06:00:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

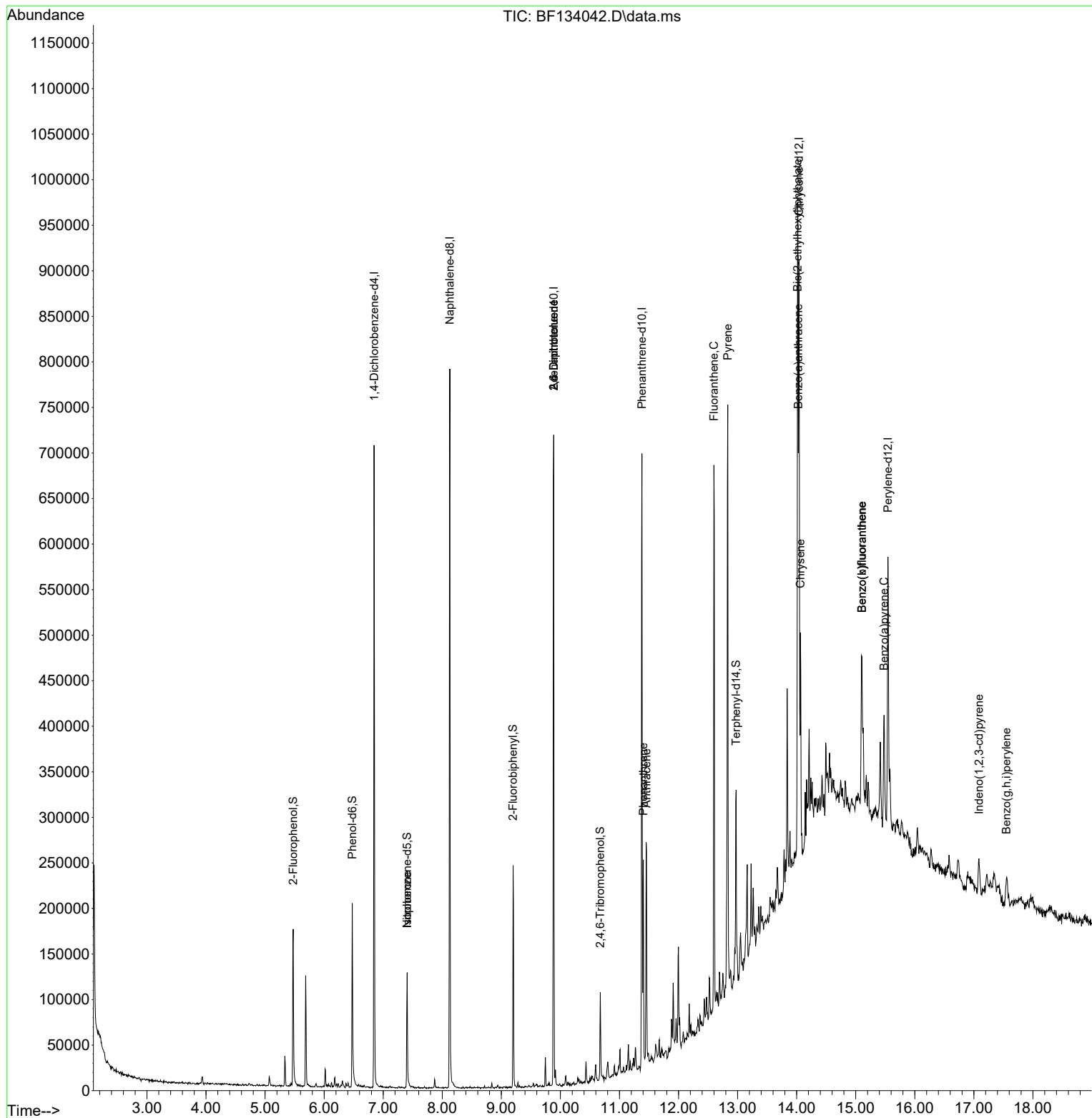
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95181	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	331176	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	135784	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	250279	20.000	ng	0.00
76) Chrysene-d12	14.039	240	175838	20.000	ng	0.00
86) Perylene-d12	15.545	264	146611	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	50889	8.944	ng	0.00
7) Phenol-d6	6.475	99	59720	8.534	ng	-0.02
23) Nitrobenzene-d5	7.404	82	37676	6.133	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	9892	5.810	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	71870	7.695	ng	-0.01
79) Terphenyl-d14	12.974	244	71267	6.523	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.398	77	351	Below Cal	#	42
25) Isophorone	7.404	82	37675	3.374	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	17132	8.070	ng	# 24
57) 2,4-Dinitrotoluene	9.886	165	17132	6.111	ng	# 23
71) Phenanthrene	11.404	178	76603	6.080	ng	100
72) Anthracene	11.457	178	103759	7.918	ng	98
75) Fluoranthene	12.598	202	257594	18.911	ng	99
78) Pyrene	12.833	202	277597	16.964	ng	99
81) Benzo(a)anthracene	14.027	228	113010	9.267	ng	97
83) Chrysene	14.063	228	102584	8.685	ng	98
84) Bis(2-ethylhexyl)phtha...	14.016	149	192003	27.226	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	32174	3.163	ng	97
88) Benzo(b)fluoranthene	15.104	252	133212	15.452	ng	# 95
89) Benzo(k)fluoranthene	15.104	252	133212	15.177	ng	# 94
90) Benzo(a)pyrene	15.480	252	64170	7.698	ng	# 92
92) Benzo(g,h,i)perylene	17.551	276	28504	3.326	ng	# 93

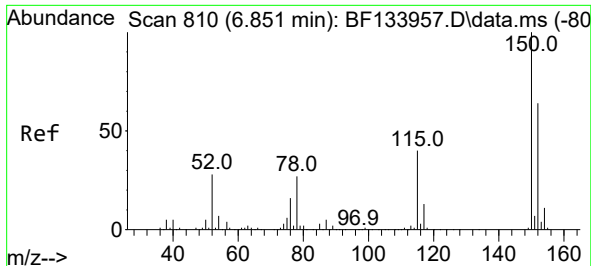
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
Data File : BF134042.D
Acq On : 29 Jun 2023 18:02
Operator : CG\JU
Sample : 03355-08DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

Quant Time: Jun 30 06:00:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 26 23:12:04 2023
Response via : Initial Calibration

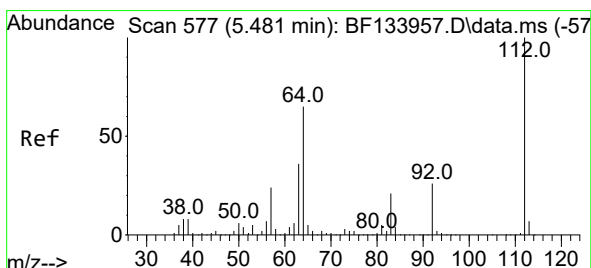
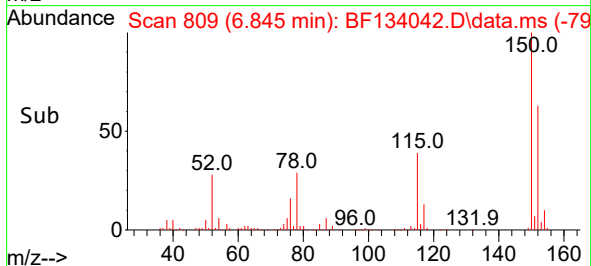
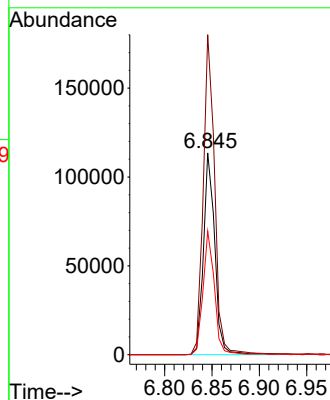
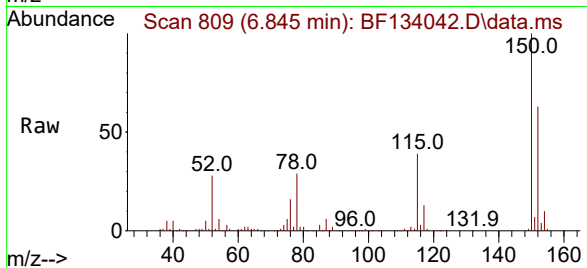




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

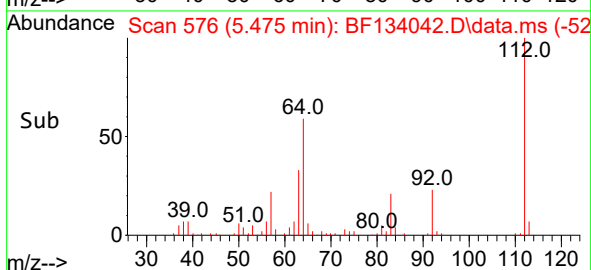
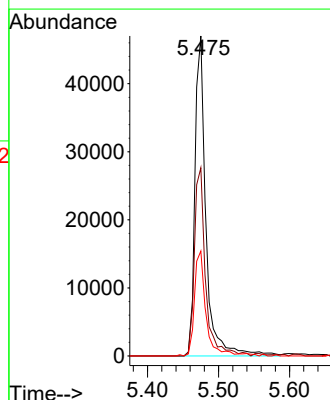
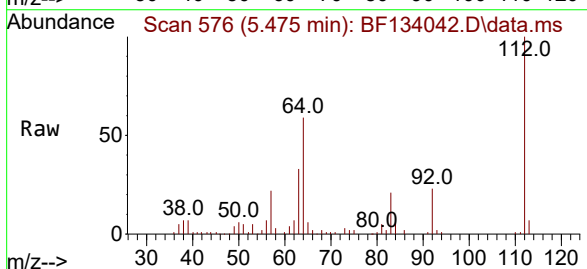
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

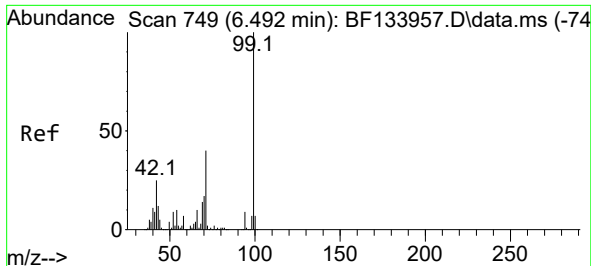
Tgt Ion:152 Resp: 95181
Ion Ratio Lower Upper
152 100
150 158.6 124.5 186.7
115 61.2 50.2 75.2



#5
2-Fluorophenol
Concen: 8.944 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:112 Resp: 50889
Ion Ratio Lower Upper
112 100
64 58.8 52.1 78.1
63 32.8 28.6 42.8

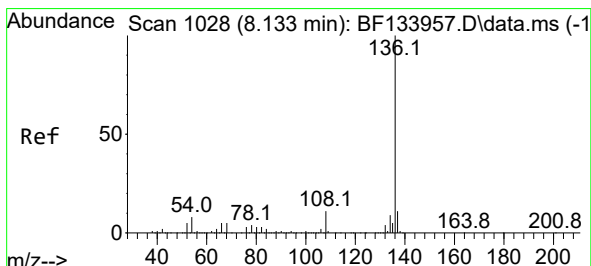
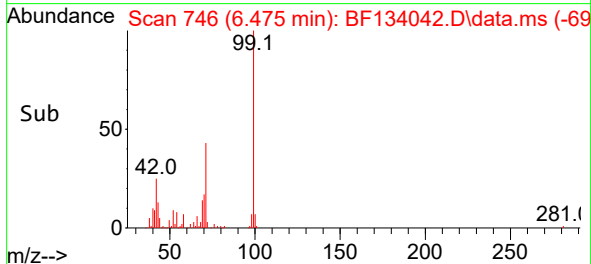
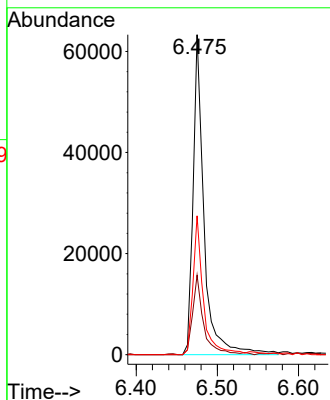
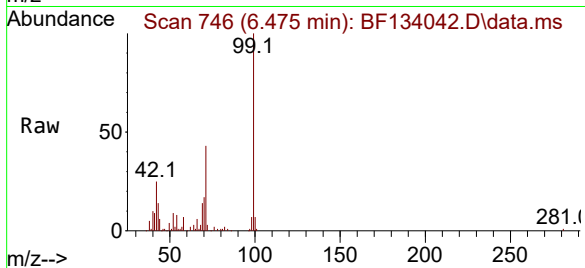




#7
Phenol-d6
Concen: 8.534 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

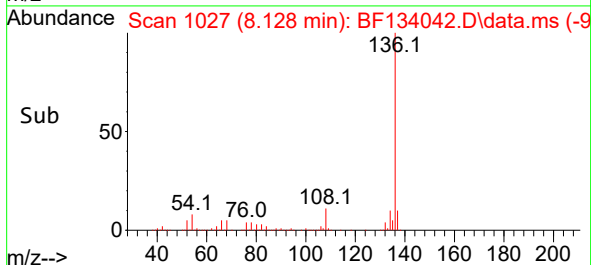
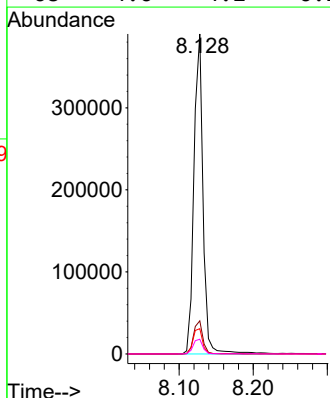
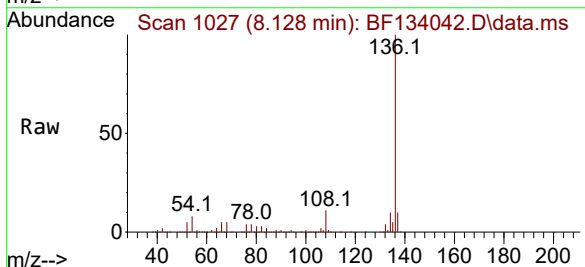
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

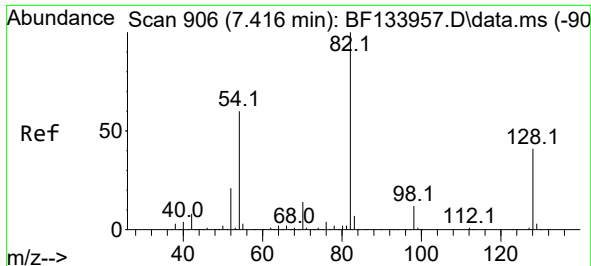
Tgt Ion: 99 Resp: 59720
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 43.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion: 136 Resp: 331176
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 7.9 6.5 9.7
68 4.6 4.2 6.2





#23

Nitrobenzene-d5

Concen: 6.133 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPDL

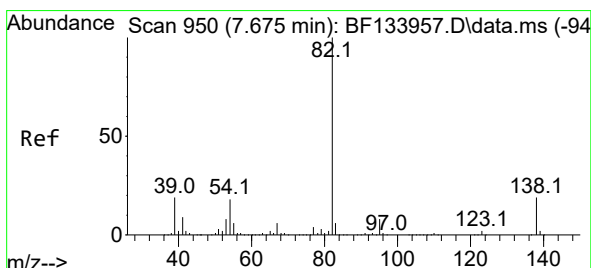
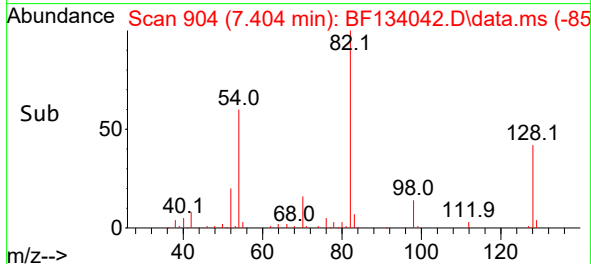
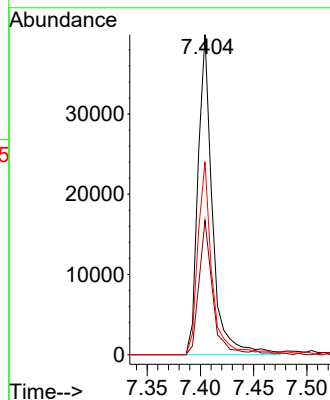
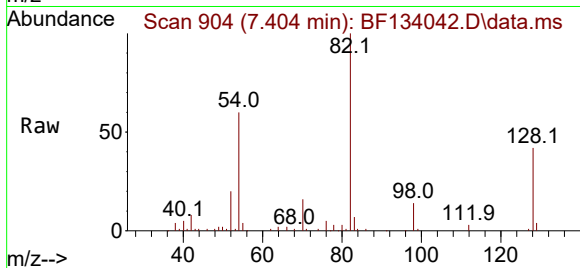
Tgt Ion: 82 Resp: 37676

Ion Ratio Lower Upper

82 100

128 42.0 32.5 48.7

54 60.2 48.2 72.2



#25

Isophorone

Concen: 3.374 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.270 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

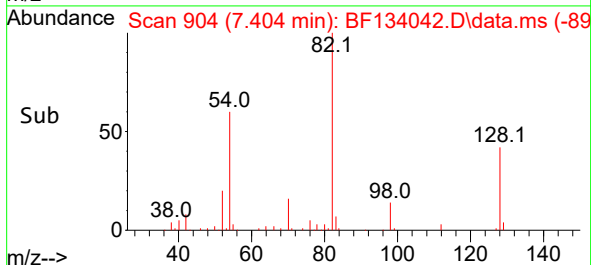
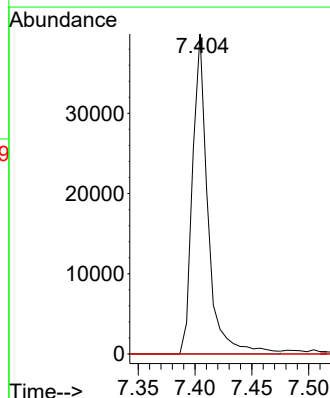
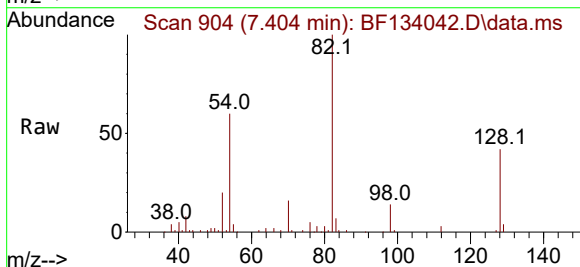
Tgt Ion: 82 Resp: 37675

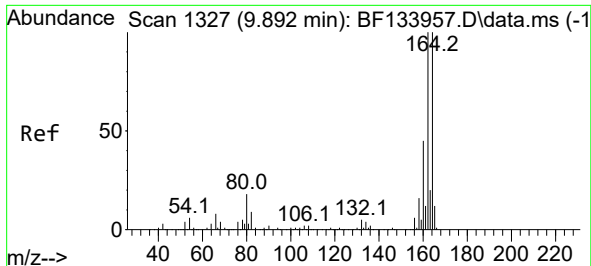
Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

138 0.0 15.2 22.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPDL

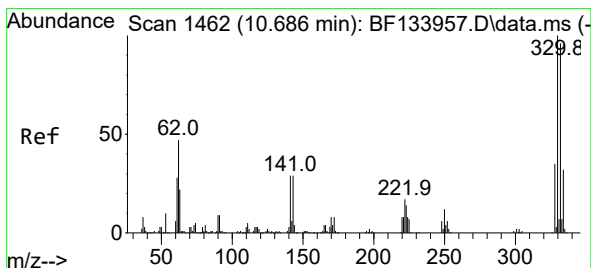
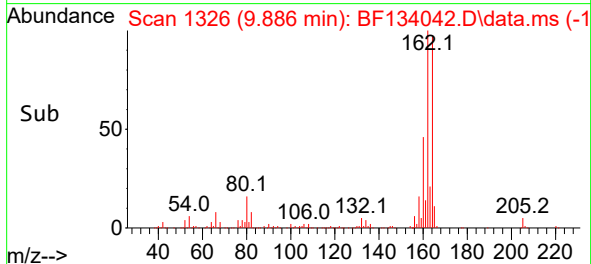
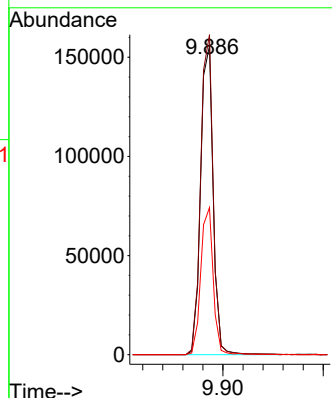
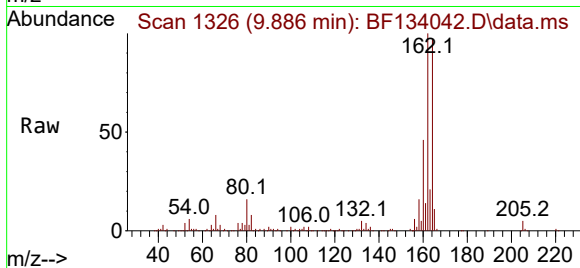
Tgt Ion:164 Resp: 135784

Ion Ratio Lower Upper

164 100

162 103.6 80.0 120.0

160 47.6 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 5.810 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

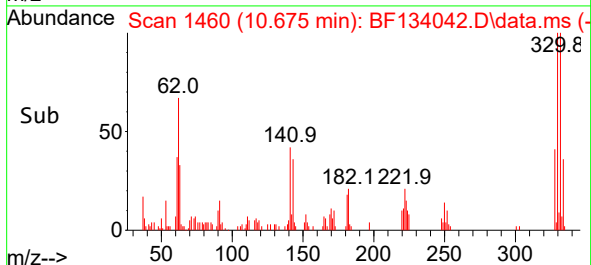
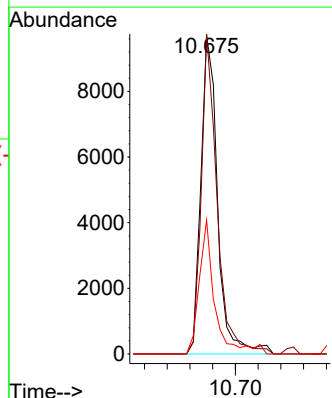
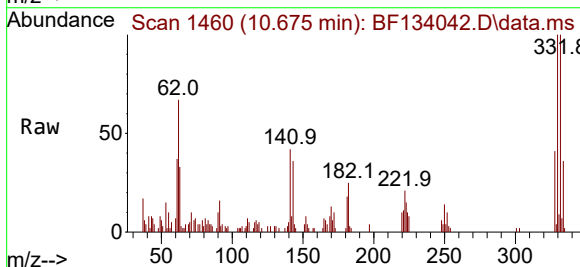
Tgt Ion:330 Resp: 9892

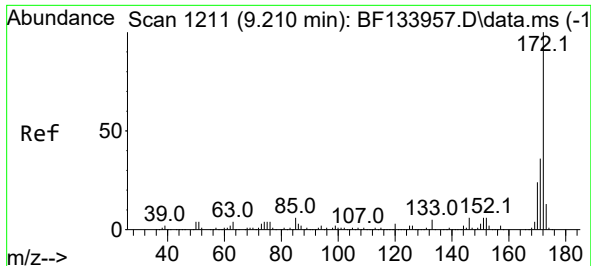
Ion Ratio Lower Upper

330 100

332 94.5 77.0 115.6

141 39.0 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 7.695 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPDL

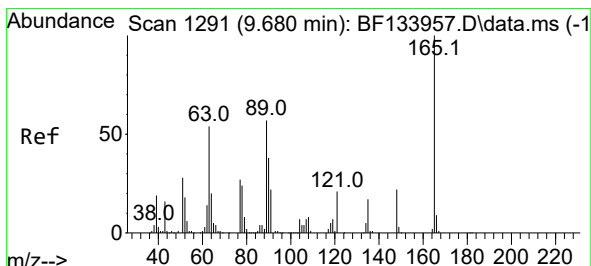
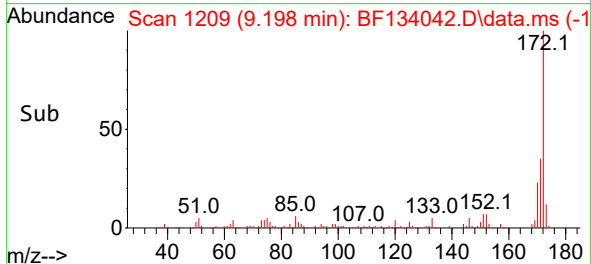
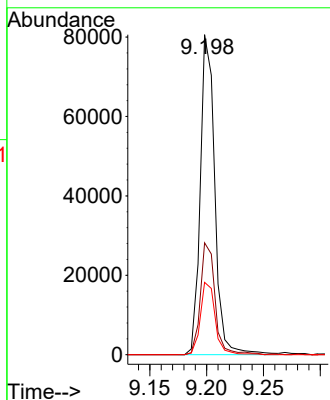
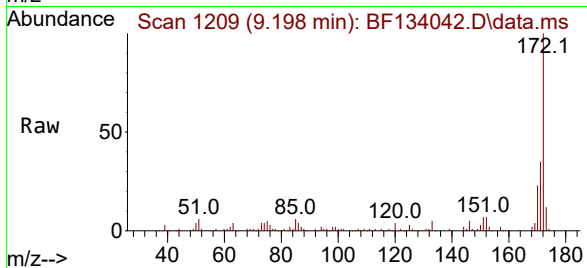
Tgt Ion:172 Resp: 71870

Ion Ratio Lower Upper

172 100

171 35.0 28.6 43.0

170 22.6 19.4 29.0



#51

2,6-Dinitrotoluene

Concen: 8.070 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.206 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

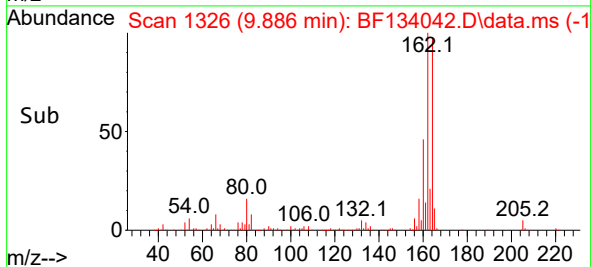
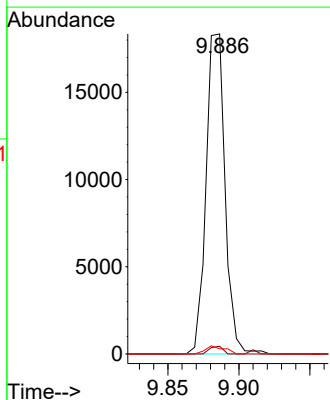
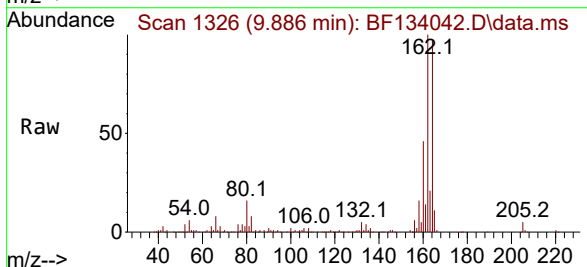
Tgt Ion:165 Resp: 17132

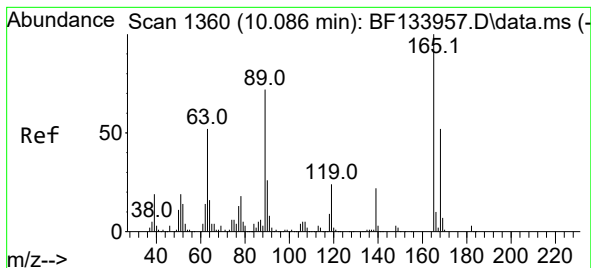
Ion Ratio Lower Upper

165 100

63 2.4 48.5 72.7#

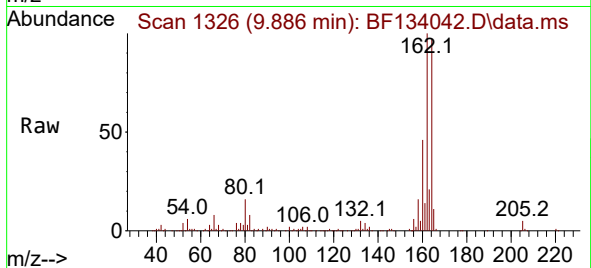
89 1.6 45.5 68.3#



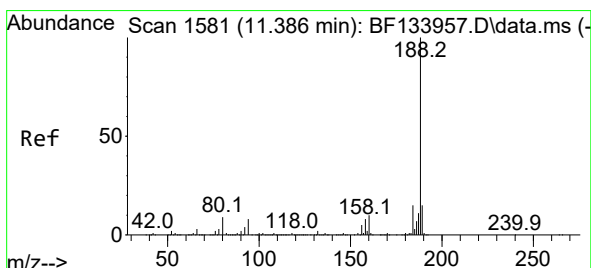
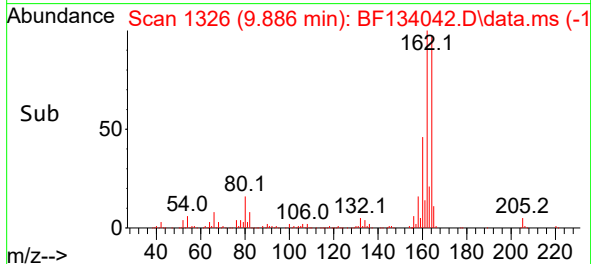
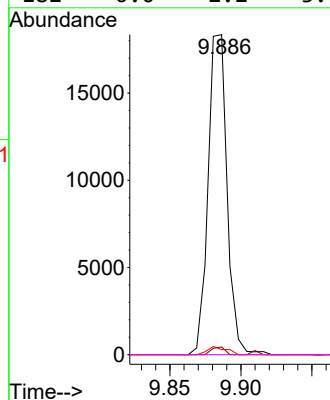


#57
2,4-Dinitrotoluene
Concen: 6.111 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

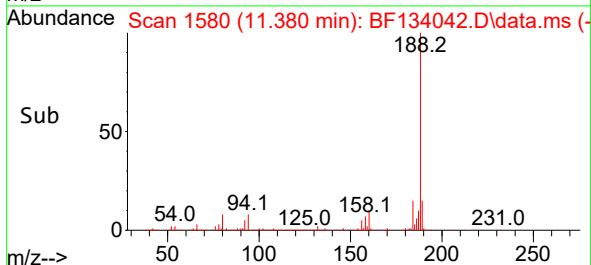
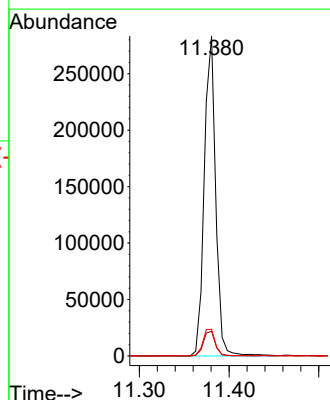
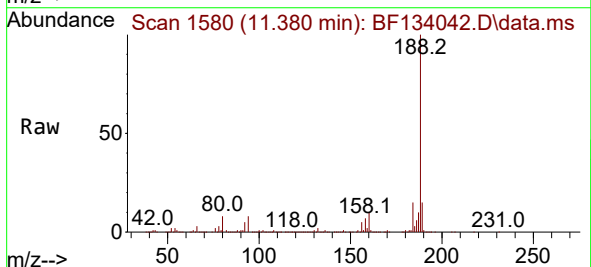


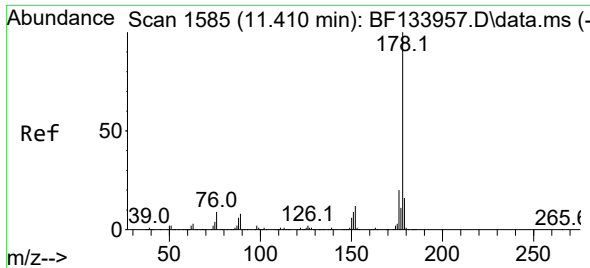
Tgt Ion:165 Resp: 17132
Ion Ratio Lower Upper
165 100
63 2.4 42.2 63.2#
89 1.6 57.4 86.2#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:188 Resp: 250279
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.3 7.3 10.9

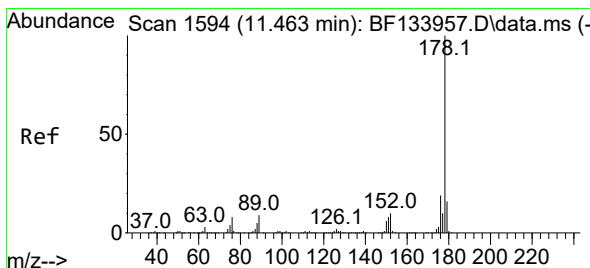
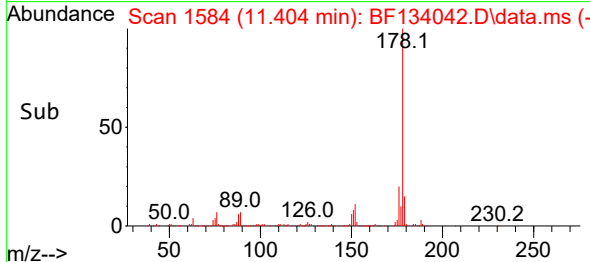
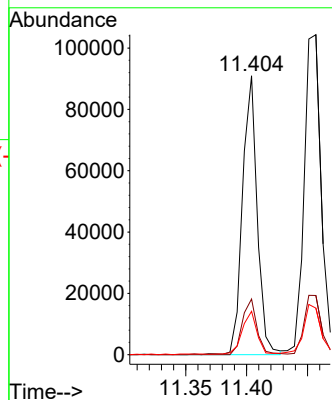
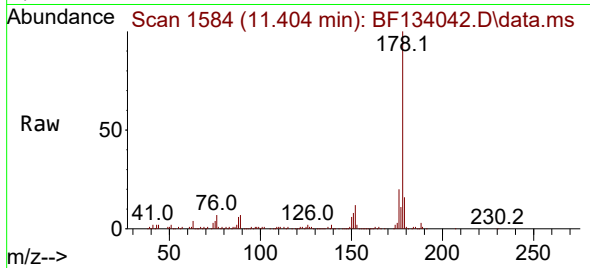




#71
Phenanthrene
Concen: 6.080 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

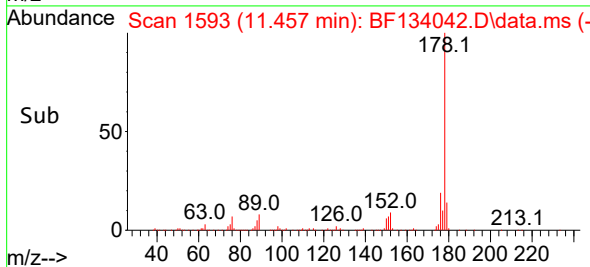
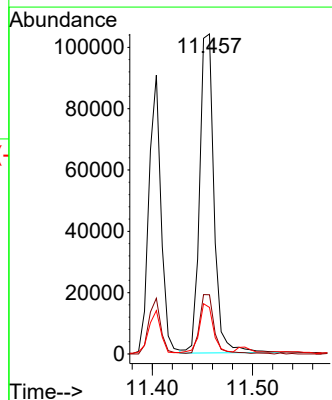
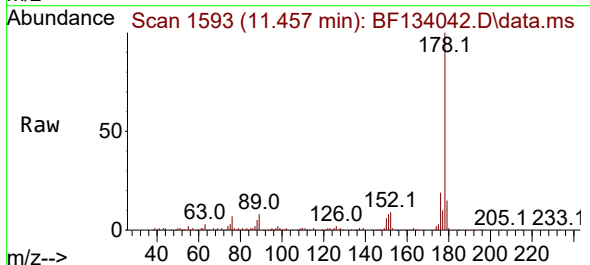
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

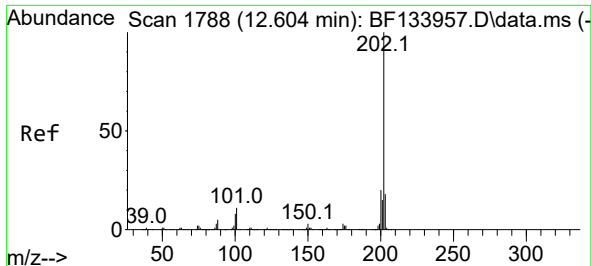
Tgt Ion:178 Resp: 76603
Ion Ratio Lower Upper
178 100
176 20.0 16.0 24.0
179 15.5 12.4 18.6



#72
Anthracene
Concen: 7.918 ng
RT: 11.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:178 Resp: 103759
Ion Ratio Lower Upper
178 100
176 18.5 15.3 22.9
179 14.5 12.4 18.6

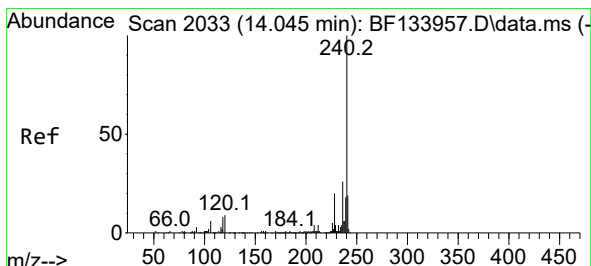
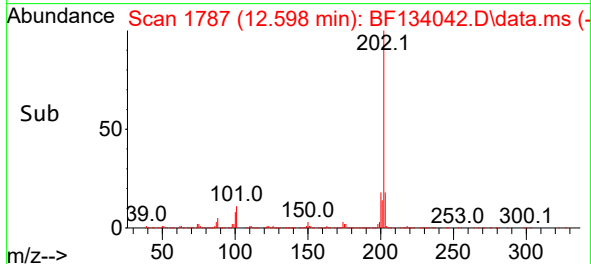
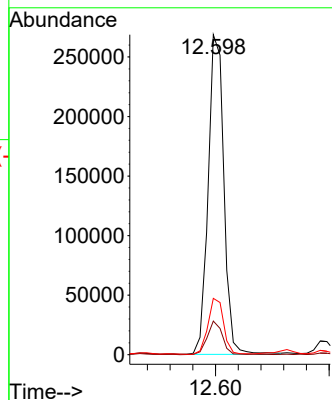
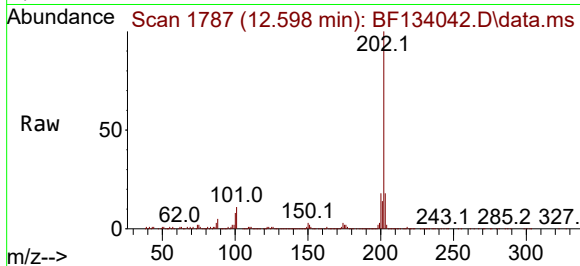




#75
Fluoranthene
Concen: 18.911 ng
RT: 12.598 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

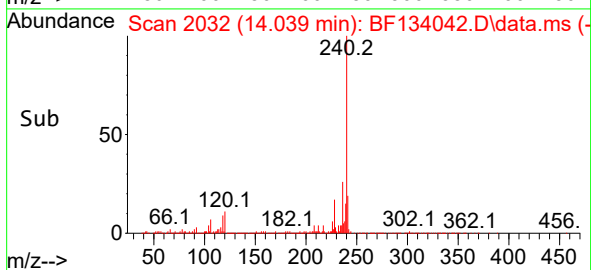
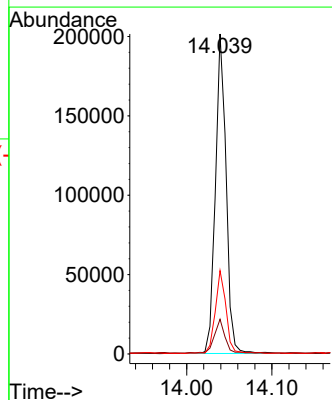
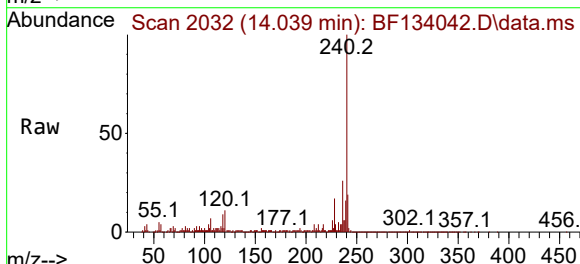
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

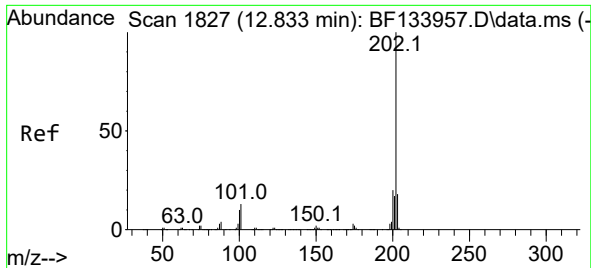
Tgt Ion:202 Resp: 257594
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:240 Resp: 175838
Ion Ratio Lower Upper
240 100
120 10.9 7.4 11.0
236 26.1 21.0 31.6

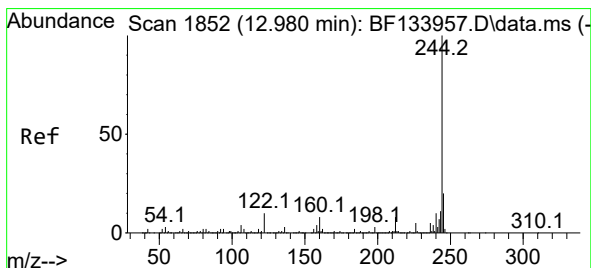
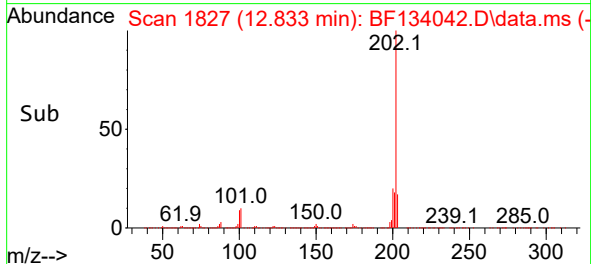
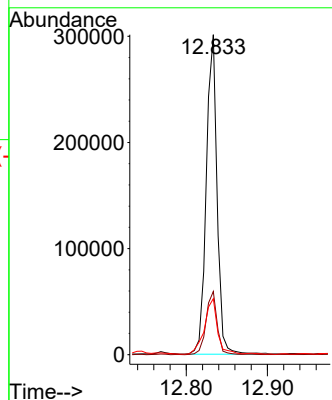
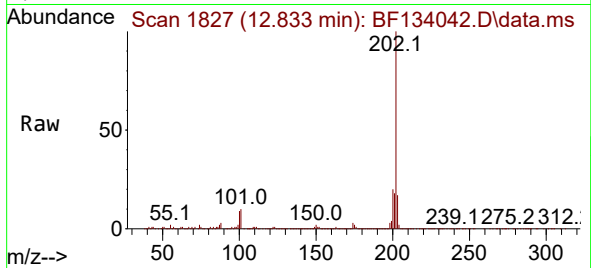




#78
 Pyrene
 Concen: 16.964 ng
 RT: 12.833 min Scan# 1827
 Delta R.T. 0.000 min
 Lab File: BF134042.D
 Acq: 29 Jun 2023 18:02

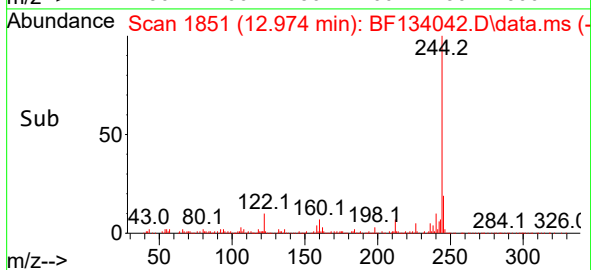
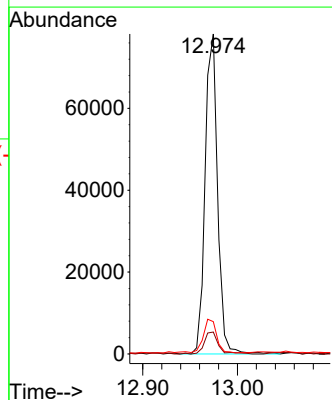
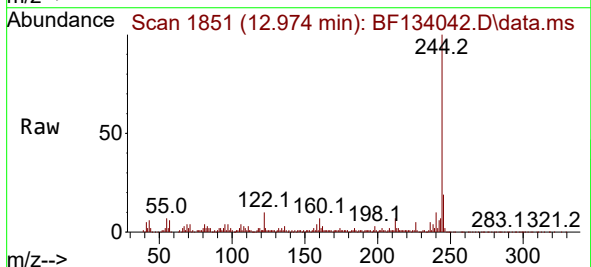
Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPDL

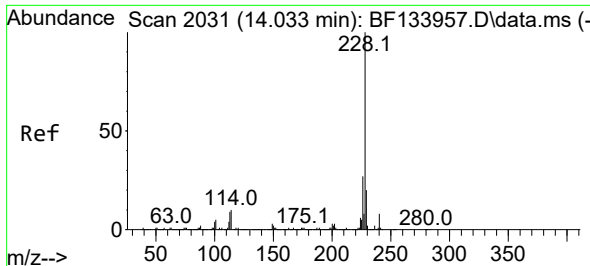
Tgt Ion:202 Resp: 277597
 Ion Ratio Lower Upper
 202 100
 200 19.8 16.1 24.1
 203 17.5 14.3 21.5



#79
 Terphenyl-d14
 Concen: 6.523 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF134042.D
 Acq: 29 Jun 2023 18:02

Tgt Ion:244 Resp: 71267
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.1 8.3 12.5

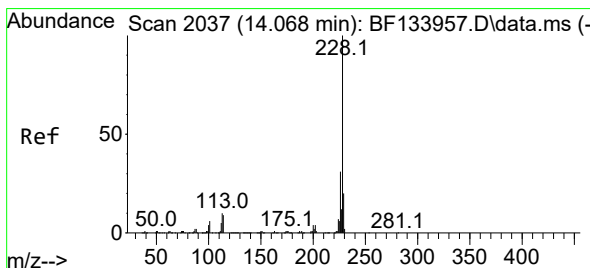
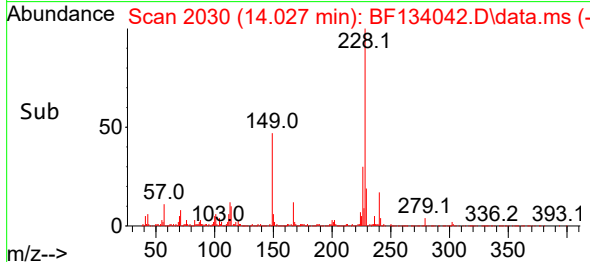
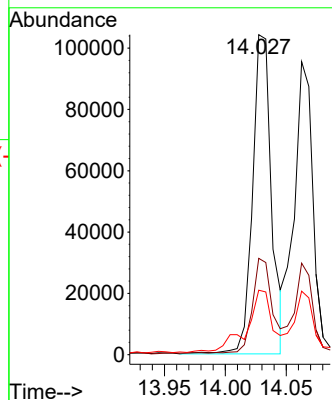
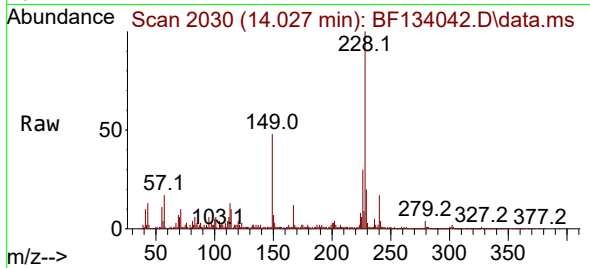




#81
Benzo(a)anthracene
Concen: 9.267 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

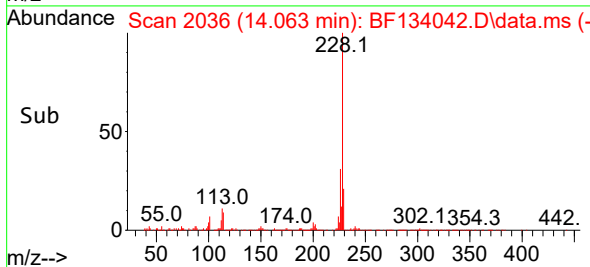
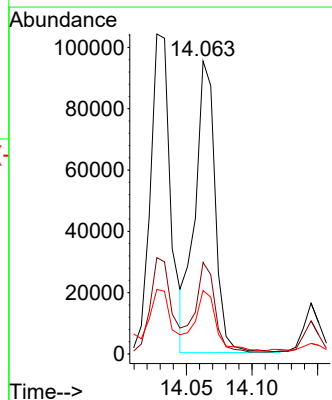
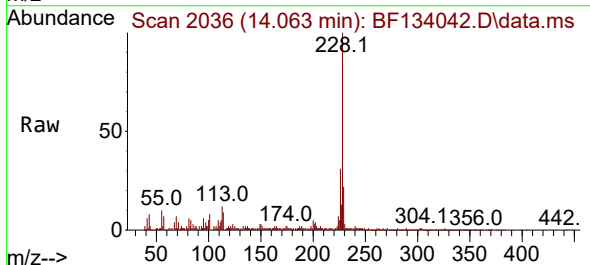
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

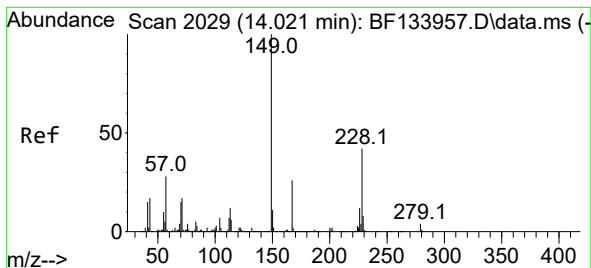
Tgt Ion:228 Resp: 113010
Ion Ratio Lower Upper
228 100
226 30.1 22.0 33.0
229 20.1 16.3 24.5



#83
Chrysene
Concen: 8.685 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:228 Resp: 102584
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 21.7 16.1 24.1

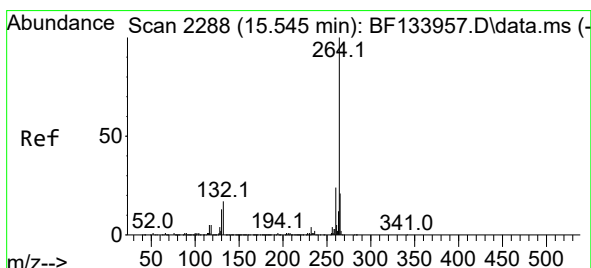
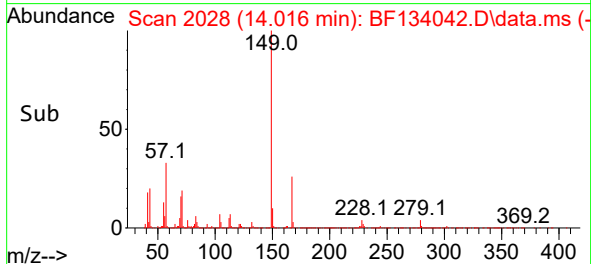
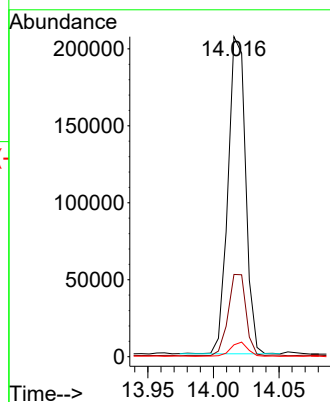
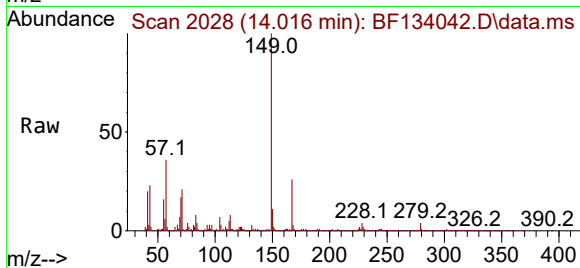




#84
Bis(2-ethylhexyl)phthalate
Concen: 27.226 ng
RT: 14.016 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

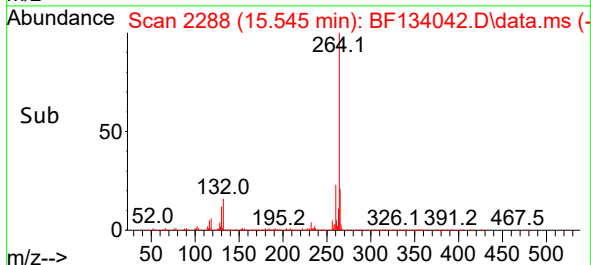
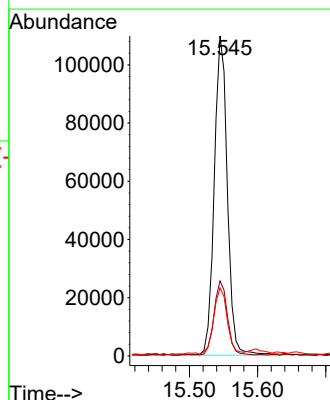
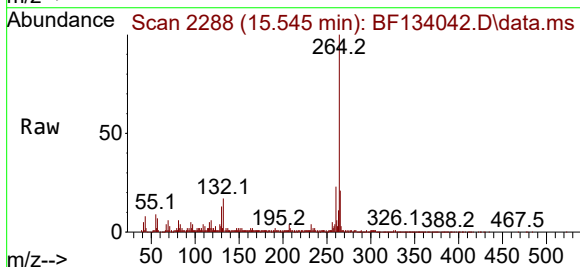
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

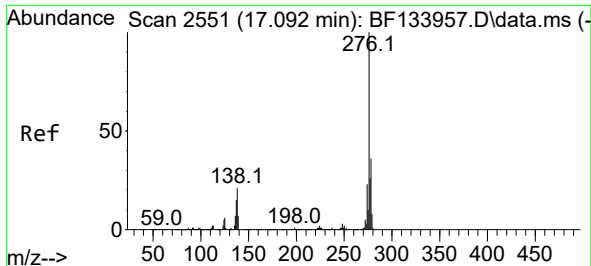
Tgt Ion:149 Resp: 192003
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 3.7 3.3 4.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2288
Delta R.T. 0.000 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:264 Resp: 146611
Ion Ratio Lower Upper
264 100
260 23.5 19.5 29.3
265 21.3 16.6 25.0

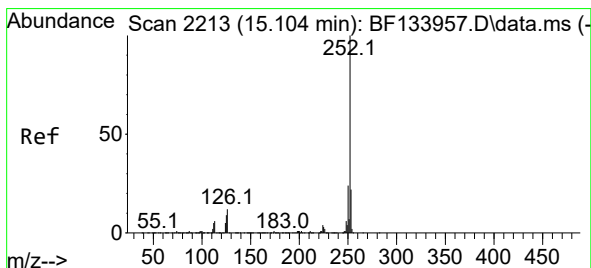
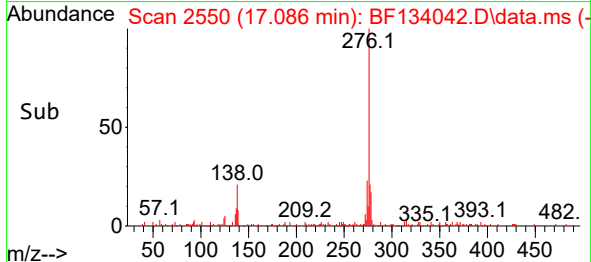
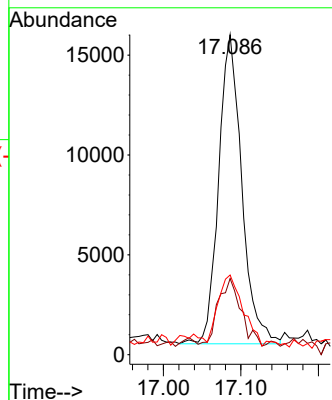
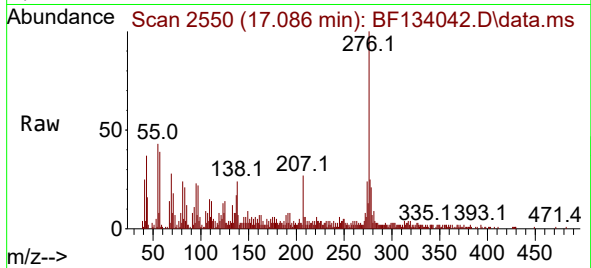




#87
Indeno(1,2,3-cd)pyrene
Concen: 3.163 ng
RT: 17.086 min Scan# 2550
Delta R.T. -0.006 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

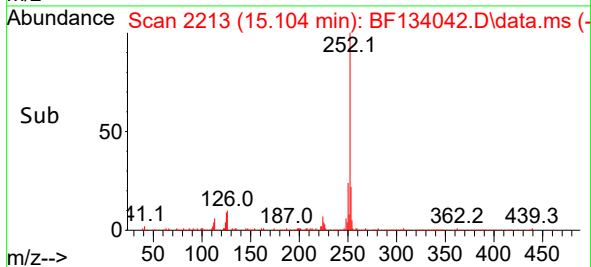
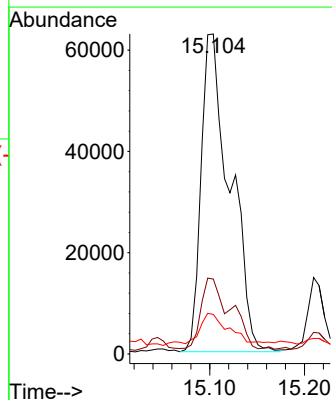
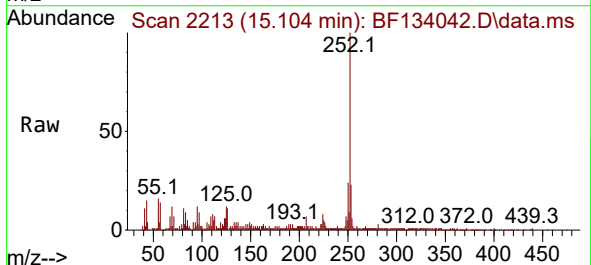
Instrument :
BNA_F
ClientSampleId :
SB-04-COMPDL

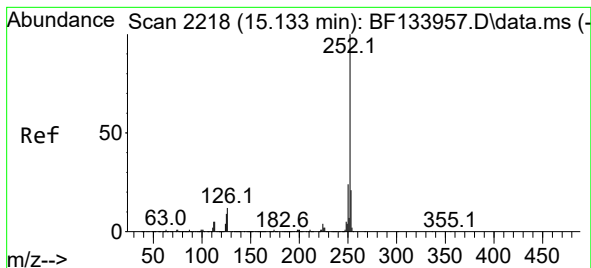
Tgt Ion:276 Resp: 32174
Ion Ratio Lower Upper
276 100
138 21.7 18.7 28.1
277 23.4 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 15.452 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134042.D
Acq: 29 Jun 2023 18:02

Tgt Ion:252 Resp: 133212
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.0
125 12.4 7.1 10.7#





#89

Benzo(k)fluoranthene

Concen: 15.177 ng

RT: 15.104 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

Instrument :

BNA_F

ClientSampleId :

SB-04-COMPDL

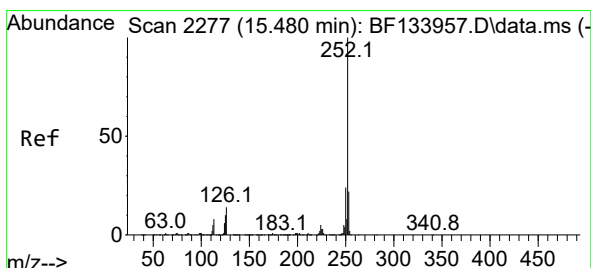
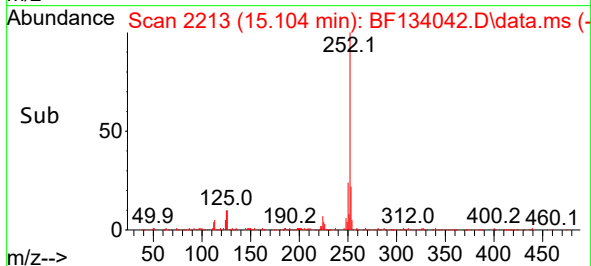
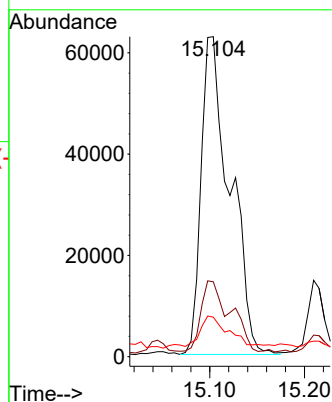
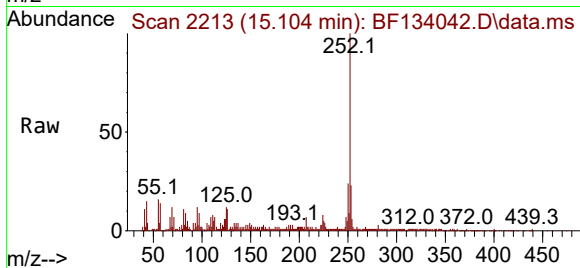
Tgt Ion:252 Resp: 133212

Ion Ratio Lower Upper

252 100

253 23.4 16.9 25.3

125 12.4 7.4 11.2#



#90

Benzo(a)pyrene

Concen: 7.698 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.000 min

Lab File: BF134042.D

Acq: 29 Jun 2023 18:02

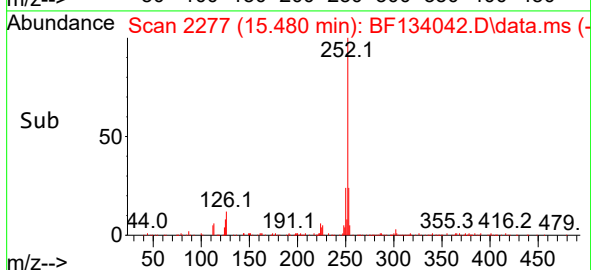
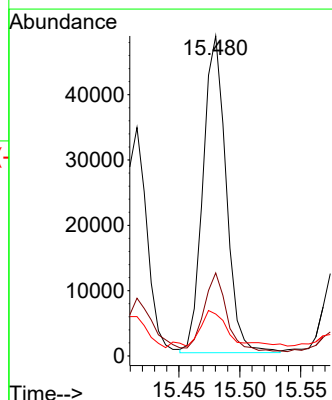
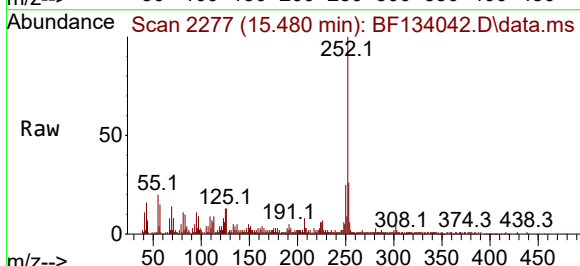
Tgt Ion:252 Resp: 64170

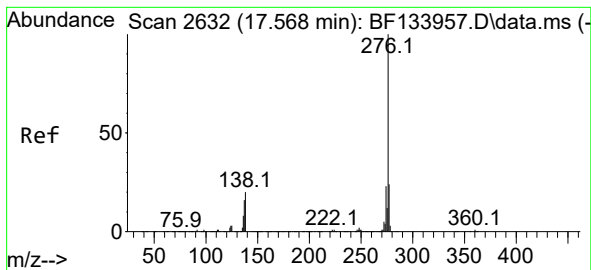
Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.0

125 13.1 8.4 12.6#





#92
 Benzo(g,h,i)perylene
 Concen: 3.326 ng
 RT: 17.551 min Scan# 20
 Delta R.T. -0.017 min
 Lab File: BF134042.D
 Acq: 29 Jun 2023 18:02

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMPDL

Tgt Ion:276 Resp: 28504
 Ion Ratio Lower Upper
 276 100
 277 29.0 19.0 28.6#
 138 21.7 16.2 24.2

