

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134410.D
 Acq On : 21 Jul 2023 20:09
 Operator : CG\JU
 Sample : 03659-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 22 05:05:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

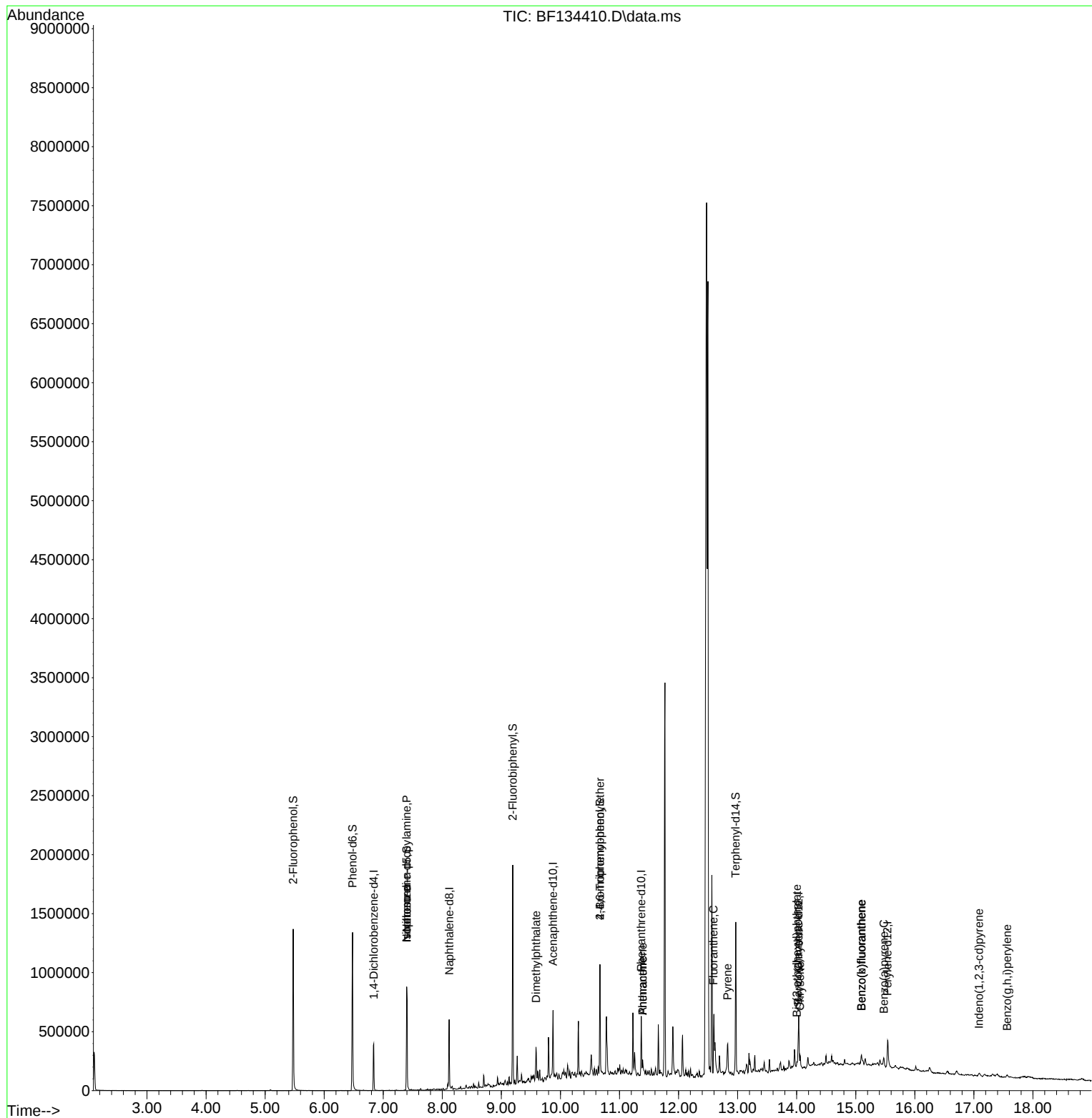
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	60245	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	223949	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	101876	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	161918	20.000	ng	0.00
76) Chrysene-d12	14.033	240	136565	20.000	ng	0.00
86) Perylene-d12	15.539	264	108314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	339536	94.276	ng	0.00
7) Phenol-d6	6.481	99	398064	89.874	ng	0.00
23) Nitrobenzene-d5	7.398	82	271331	65.310	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	110772	86.722	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	485049	69.222	ng	-0.01
79) Terphenyl-d14	12.969	244	421539	49.678	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	770	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.398	70	39751	14.152	ng	# 76
25) Isophorone	7.398	82	271328	35.935	ng	# 64
50) Dimethylphthalate	9.586	163	56145	7.592	ng	99
67) 4-Bromophenyl-phenylether	10.669	248	6823	3.965	ng	# 1
71) Phenanthrene	11.392	178	36487	4.476	ng	99
72) Anthracene	11.392	178	36487	4.304	ng	100
75) Fluoranthene	12.592	202	80762	9.165	ng	98
78) Pyrene	12.827	202	78551	6.181	ng	99
81) Benzo(a)anthracene	14.021	228	45158	4.768	ng	96
83) Chrysene	14.057	228	44539	4.855	ng	96
84) Bis(2-ethylhexyl)phtha...	14.004	149	12580	2.297	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.086	276	17077	2.272	ng	95
88) Benzo(b)fluoranthene	15.098	252	60729	9.535	ng	96
89) Benzo(k)fluoranthene	15.098	252	60729	9.365	ng	95
90) Benzo(a)pyrene	15.474	252	28206	4.580	ng	# 92
92) Benzo(g,h,i)perylene	17.562	276	16446	2.598	ng	96

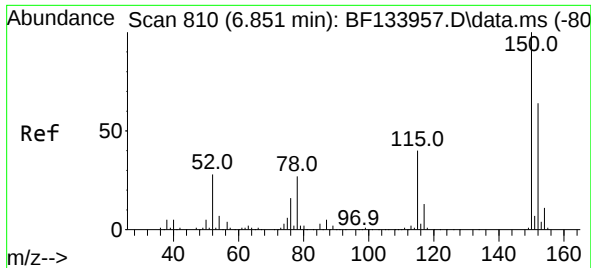
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
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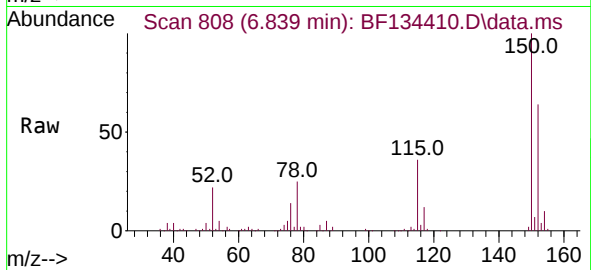
Quant Time: Jul 22 05:05:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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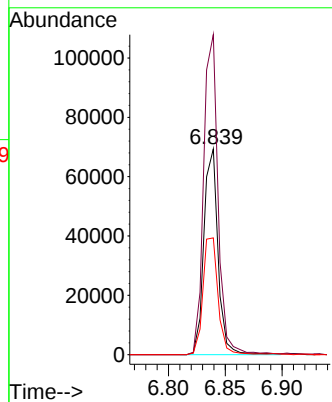
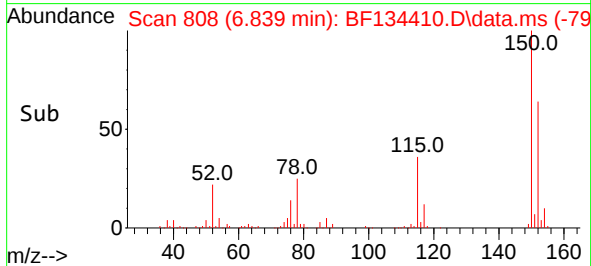


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Instrument :
BNA_F
ClientSampleId :

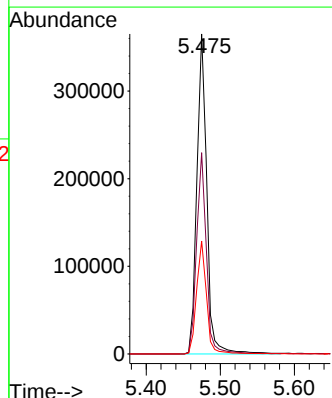
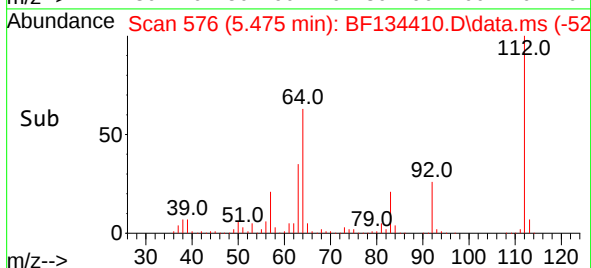
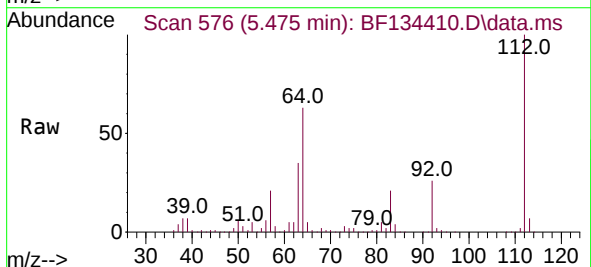


Tgt Ion:152 Resp: 60245
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 56.7 50.2 75.2



#5
2-Fluorophenol
Concen: 94.276 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

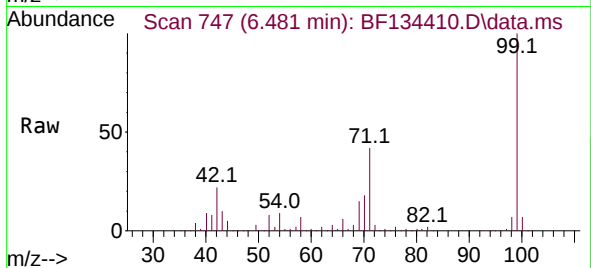
Tgt Ion:112 Resp: 339536
Ion Ratio Lower Upper
112 100
64 62.9 52.1 78.1
63 35.3 28.6 42.8



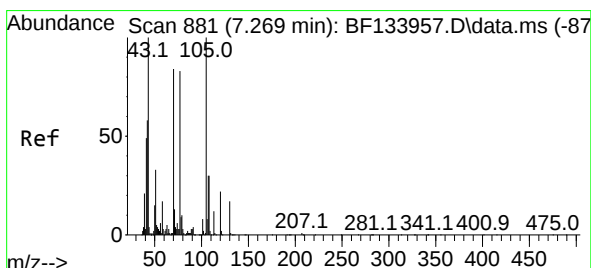
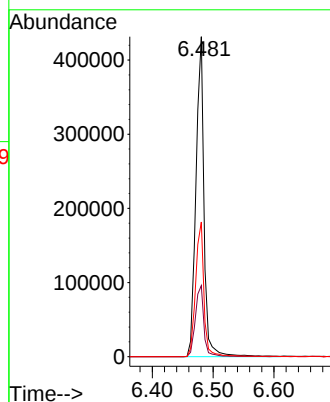
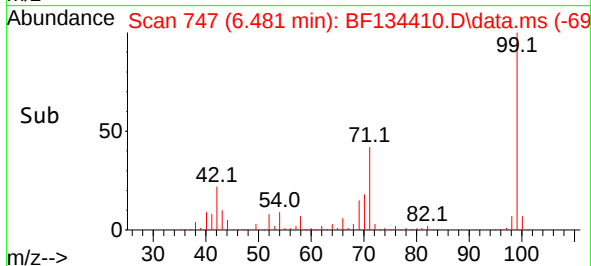


#7
Phenol-d6
Concen: 89.874 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

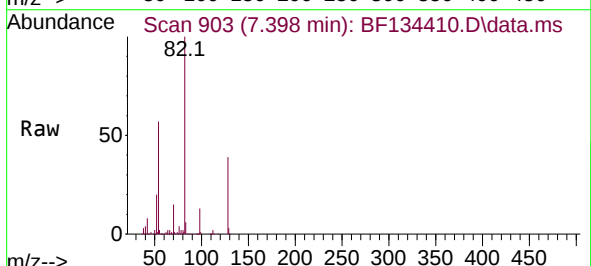
Instrument :
BNA_F
ClientSampleId :



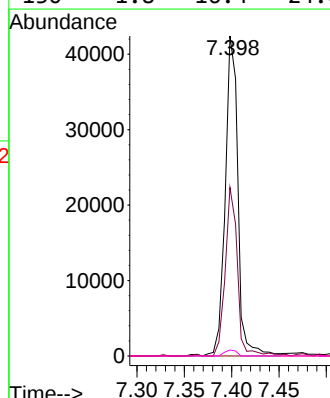
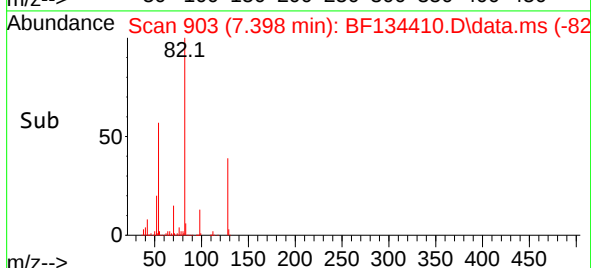
Tgt Ion: 99 Resp: 398064
Ion Ratio Lower Upper
99 100
42 22.2 19.8 29.6
71 42.1 31.9 47.9

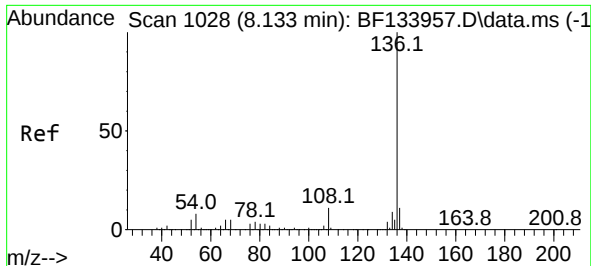


#19
n-Nitroso-di-n-propylamine
Concen: 14.152 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.141 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09



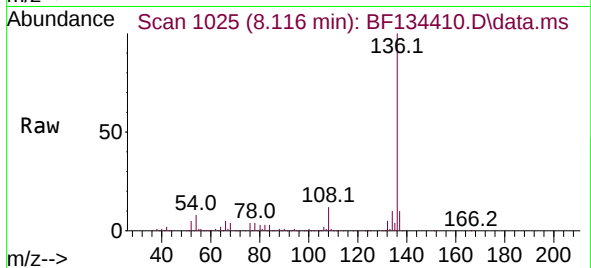
Tgt Ion: 70 Resp: 39751
Ion Ratio Lower Upper
70 100
42 52.6 54.7 82.1#
101 0.0 7.7 11.5#
130 1.8 16.4 24.6#



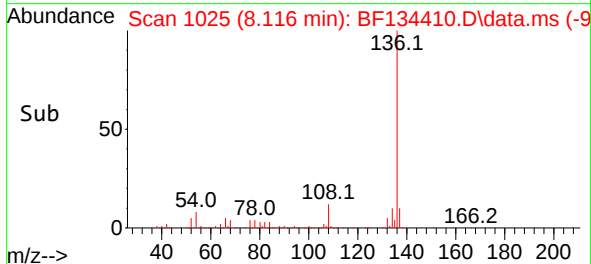
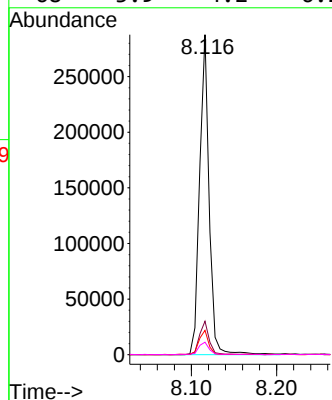


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Instrument :
BNA_F
ClientSampleId :

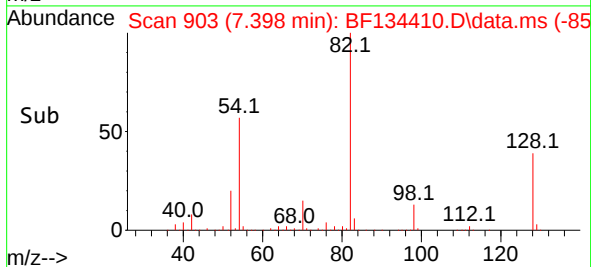
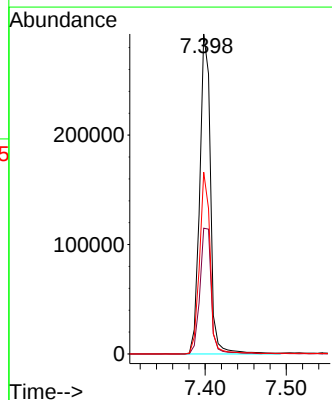
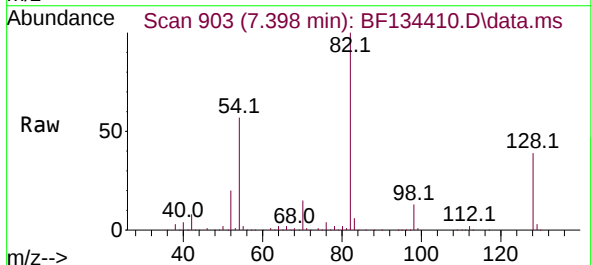


Tgt Ion:136 Resp: 223949
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 7.6 6.5 9.7
68 3.9 4.2 6.2#



#23
Nitrobenzene-d5
Concen: 65.310 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

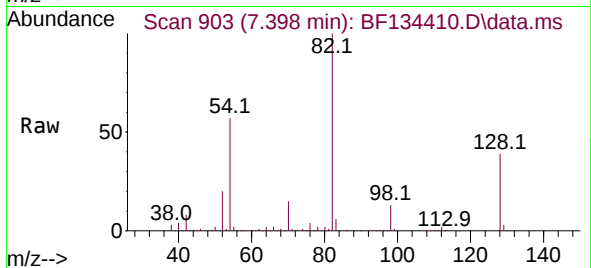
Tgt Ion: 82 Resp: 271331
Ion Ratio Lower Upper
82 100
128 39.3 32.5 48.7
54 56.8 48.2 72.2



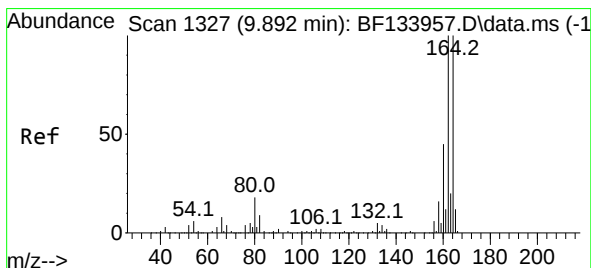
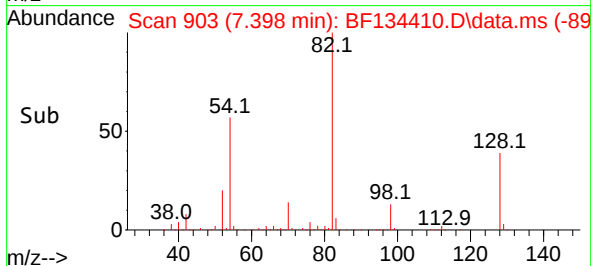
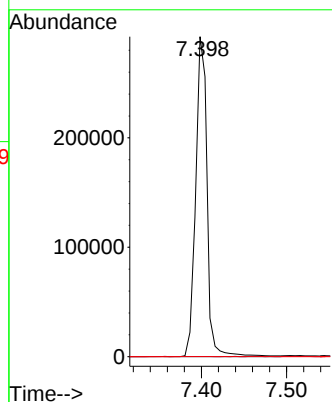


#25
Isophorone
Concen: 35.935 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Instrument :
BNA_F
ClientSampleId :

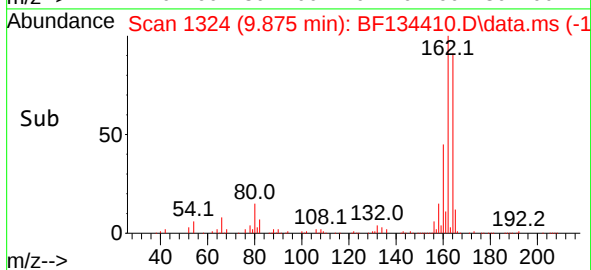
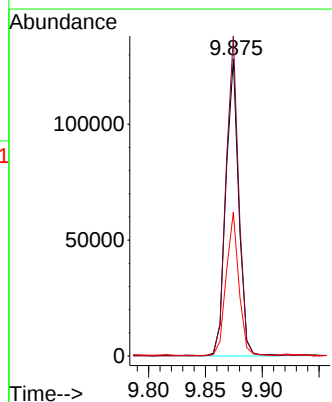
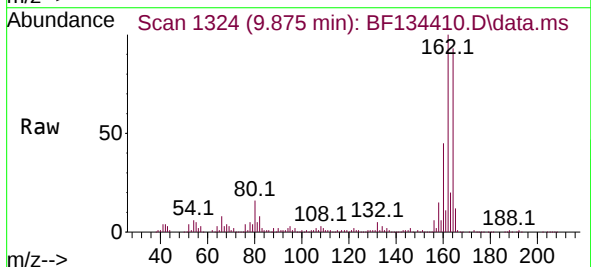


Tgt Ion: 82 Resp: 271328
Ion Ratio Lower Upper
82 100
95 0.1 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Tgt Ion: 164 Resp: 101876
Ion Ratio Lower Upper
164 100
162 107.7 80.0 120.0
160 48.4 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 86.722 ng

RT: 10.669 min Scan# 1462

Delta R.T. -0.012 min

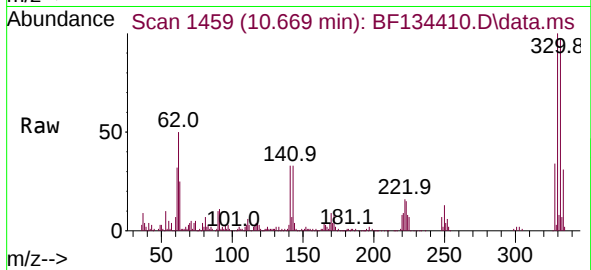
Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

Instrument :

BNA_F

ClientSampleId :



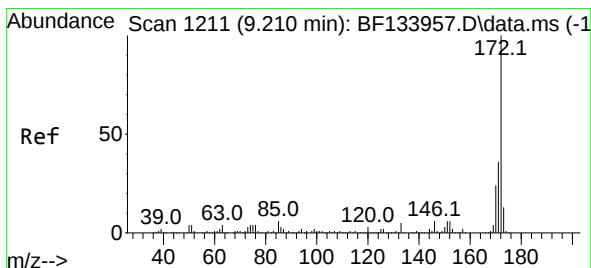
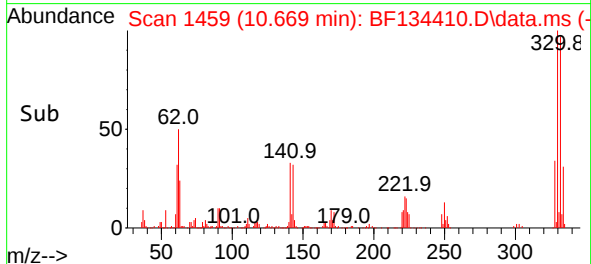
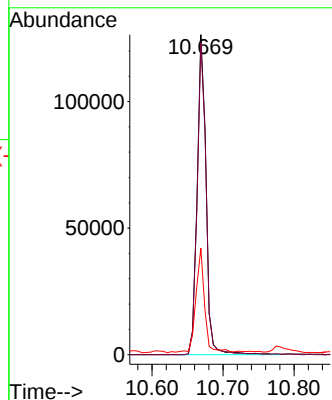
Tgt Ion:330 Resp: 110772

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 69.222 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.012 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

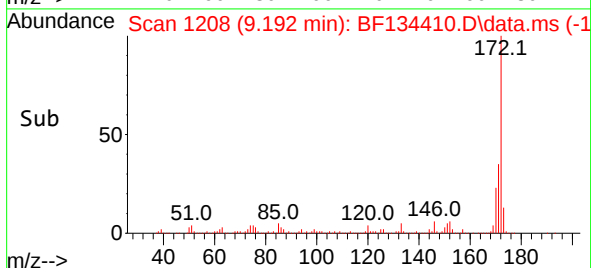
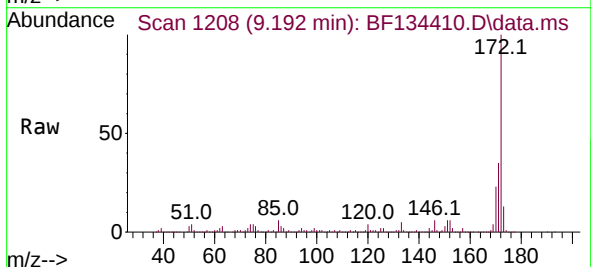
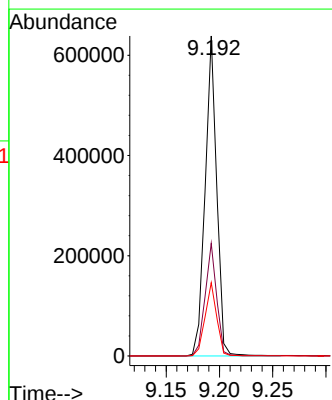
Tgt Ion:172 Resp: 485049

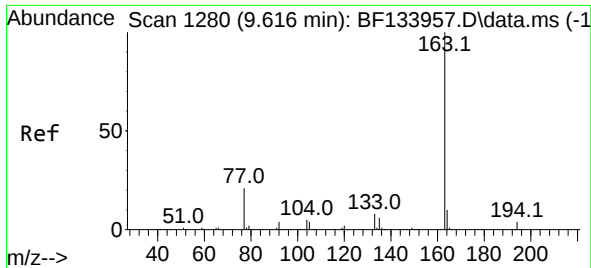
Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

170 22.9 19.4 29.0

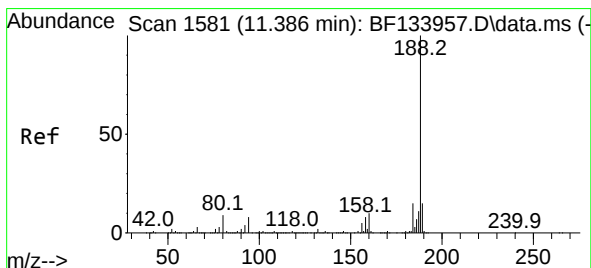
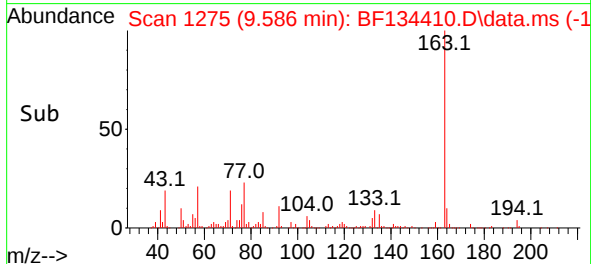
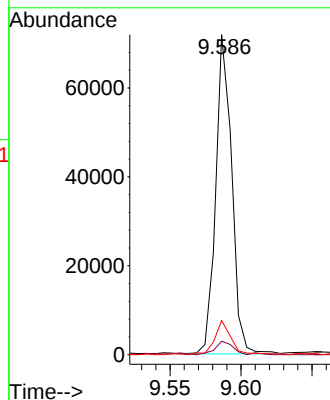
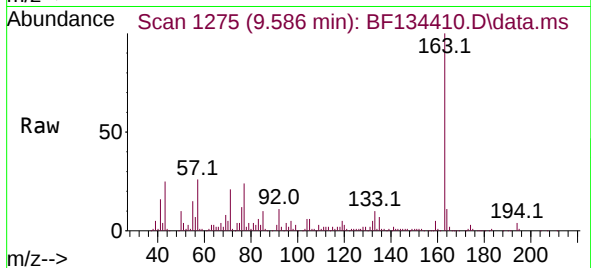




#50
Dimethylphthalate
Concen: 7.592 ng
RT: 9.586 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

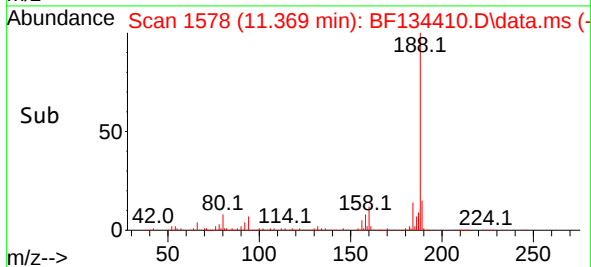
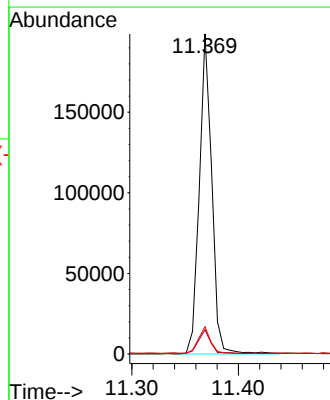
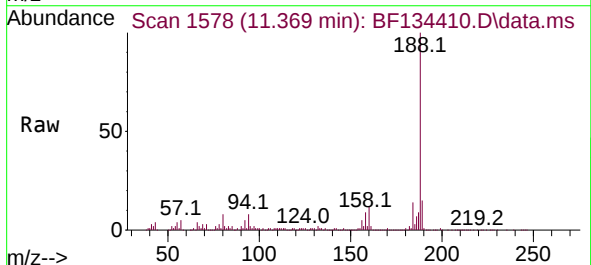
Instrument :
BNA_F
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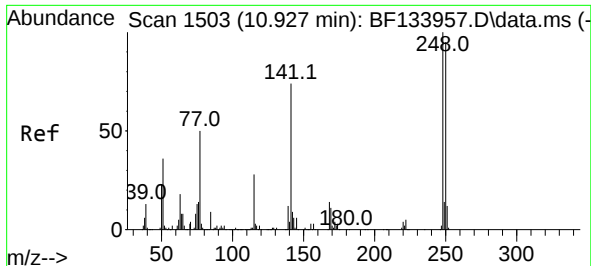
Tgt Ion:163 Resp: 56145
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.7 8.2 12.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

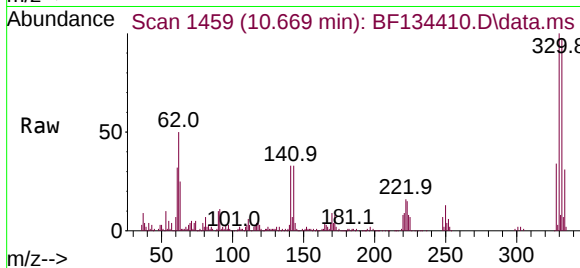
Tgt Ion:188 Resp: 161918
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.5 7.3 10.9



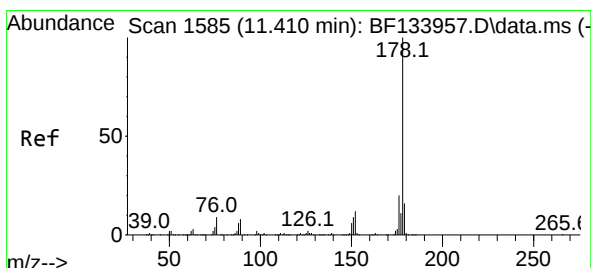
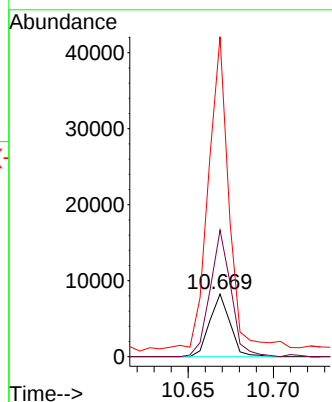
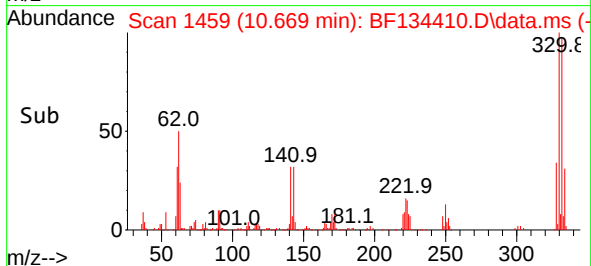


#67
4-Bromophenyl-phenylether
Concen: 3.965 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.247 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

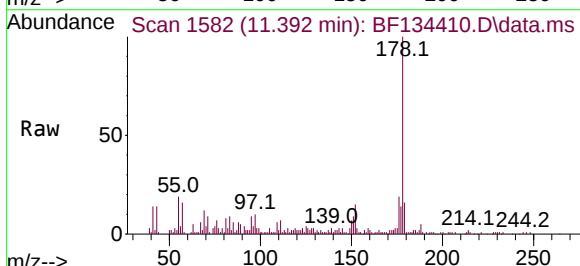
Instrument :
BNA_F
ClientSampleId :



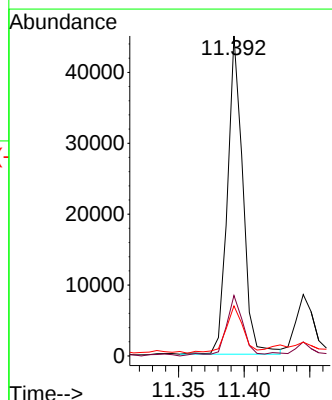
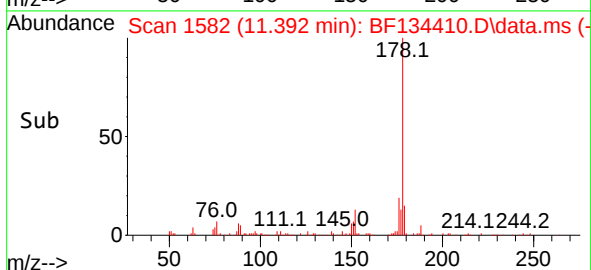
Tgt Ion:248 Resp: 6823
Ion Ratio Lower Upper
248 100
250 202.6 76.2 114.4#
141 511.9 59.0 88.4#

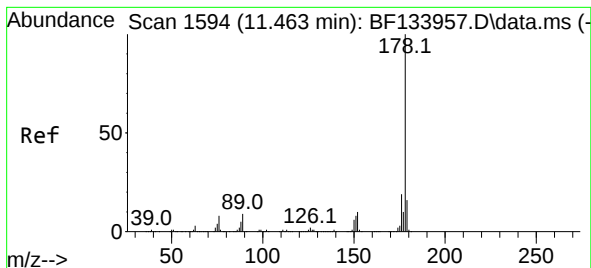


#71
Phenanthrene
Concen: 4.476 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09



Tgt Ion:178 Resp: 36487
Ion Ratio Lower Upper
178 100
176 18.9 16.0 24.0
179 15.6 12.4 18.6





#72

Anthracene

Concen: 4.304 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.065 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

Instrument :

BNA_F

ClientSampleId :

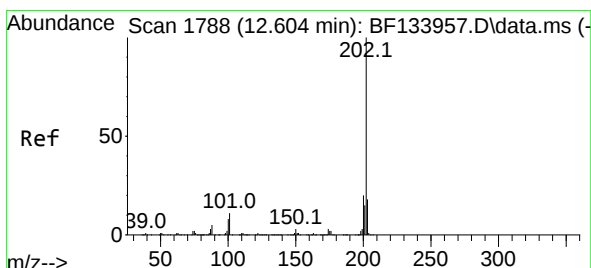
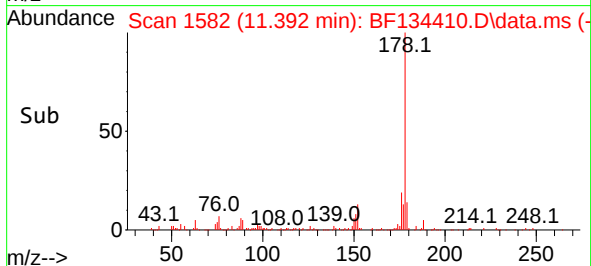
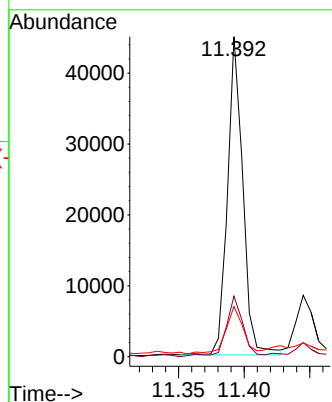
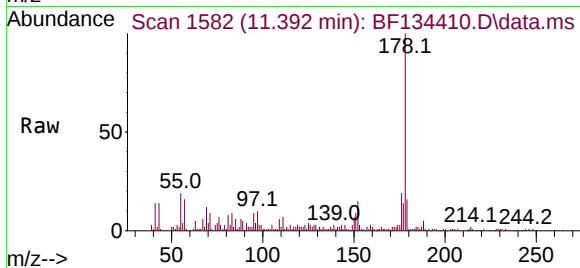
Tgt Ion:178 Resp: 36487

Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.6 12.4 18.6



#75

Fluoranthene

Concen: 9.165 ng

RT: 12.592 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

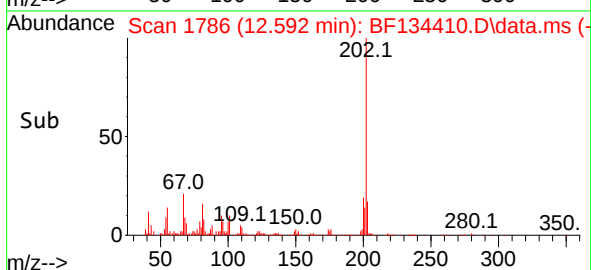
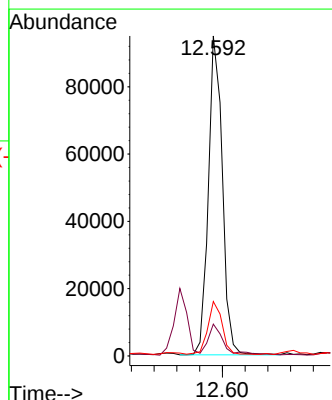
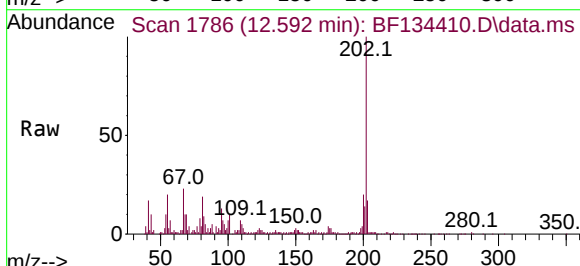
Tgt Ion:202 Resp: 80762

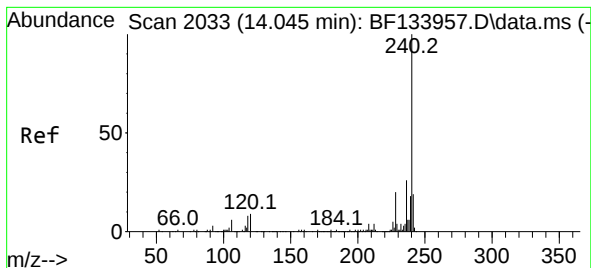
Ion Ratio Lower Upper

202 100

101 10.0 0.0 31.0

203 17.0 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

Instrument :

BNA_F

ClientSampleId :

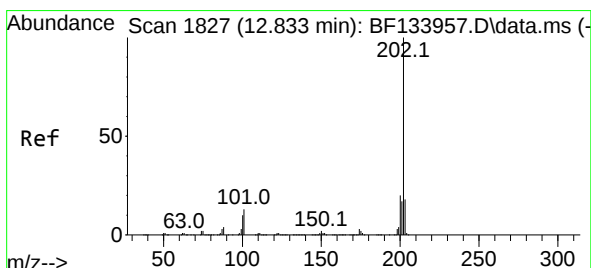
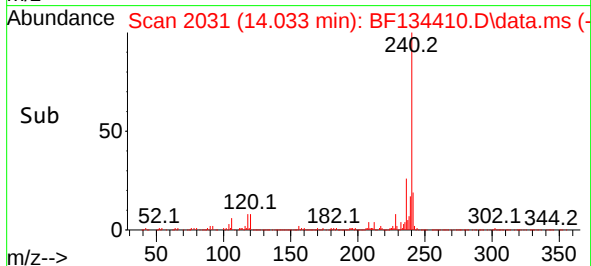
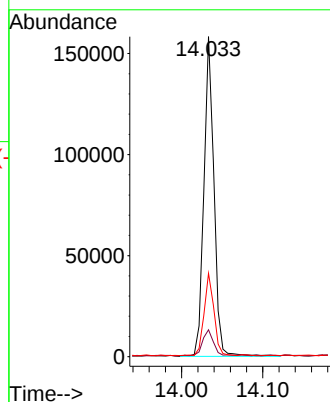
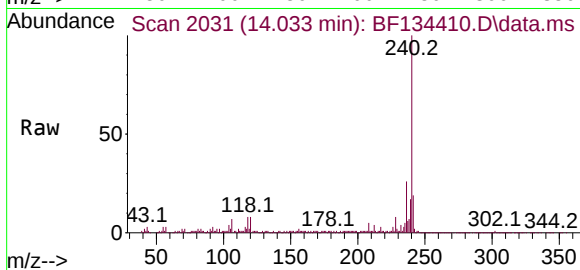
Tgt Ion:240 Resp: 136565

Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

236 26.1 21.0 31.6



#78

Pyrene

Concen: 6.181 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

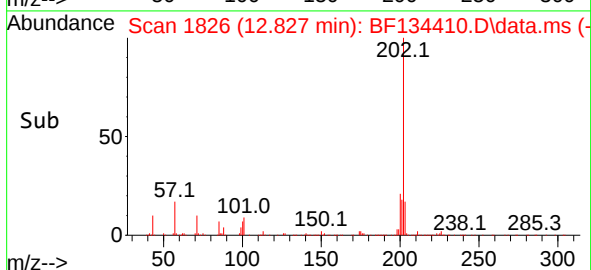
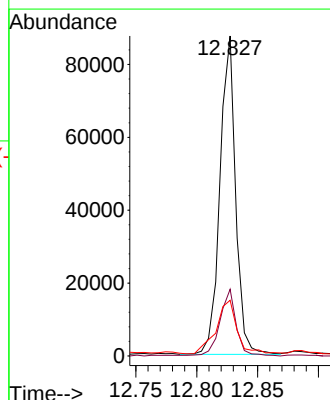
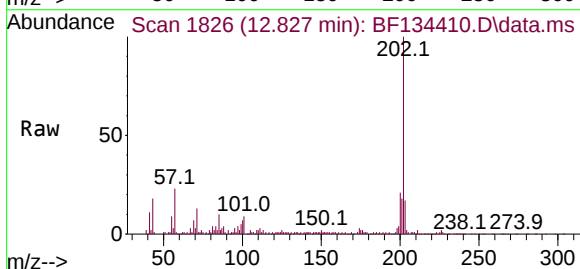
Tgt Ion:202 Resp: 78551

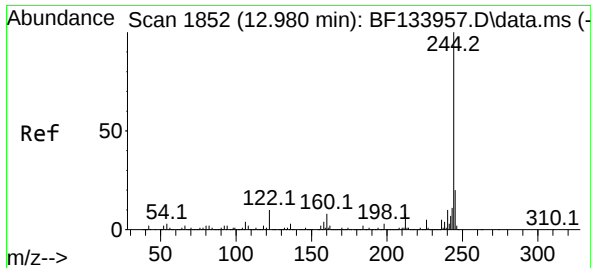
Ion Ratio Lower Upper

202 100

200 20.8 16.1 24.1

203 17.4 14.3 21.5

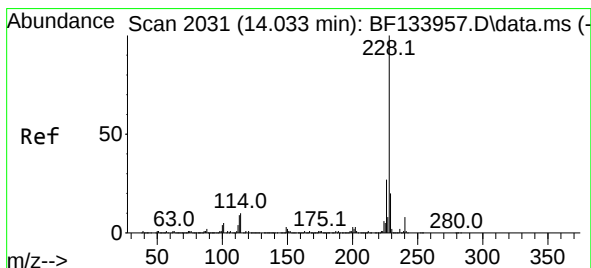
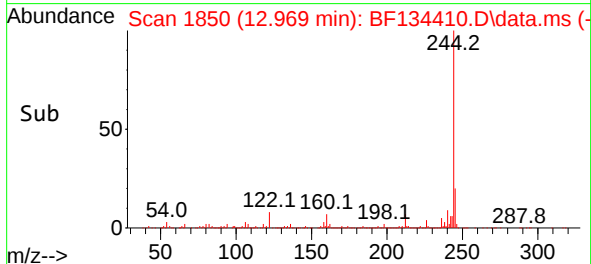
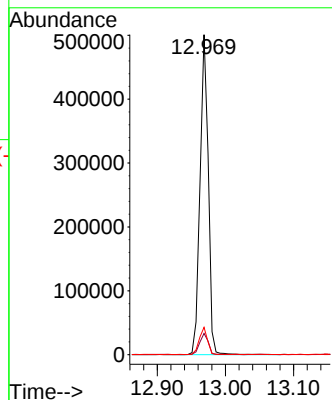
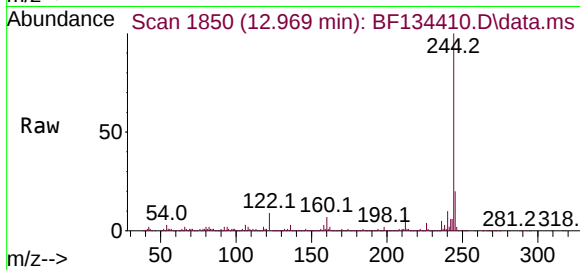




#79
 Terphenyl-d14
 Concen: 49.678 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF134410.D
 Acq: 21 Jul 2023 20:09

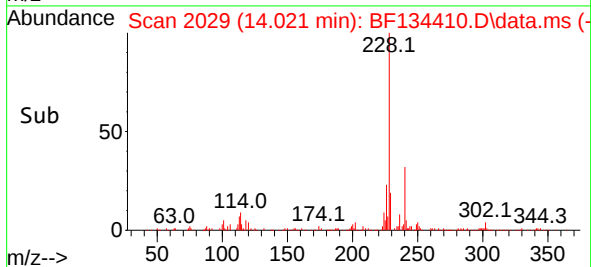
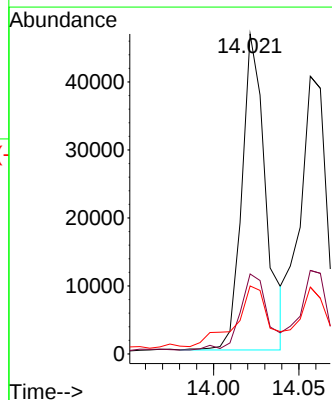
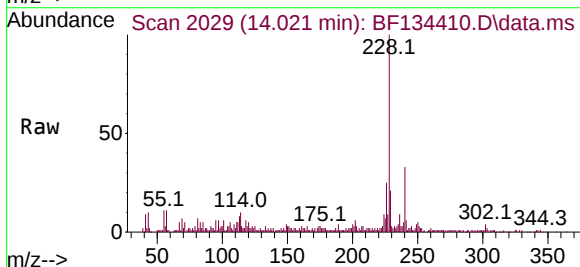
Instrument :
 BNA_F
 ClientSampleId :

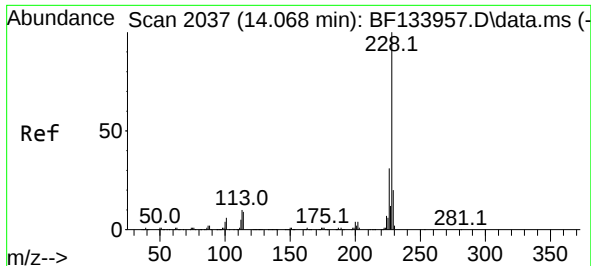
Tgt Ion:244 Resp: 421539
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 8.5 8.3 12.5



#81
 Benzo(a)anthracene
 Concen: 4.768 ng
 RT: 14.021 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: BF134410.D
 Acq: 21 Jul 2023 20:09

Tgt Ion:228 Resp: 45158
 Ion Ratio Lower Upper
 228 100
 226 25.0 22.0 33.0
 229 21.3 16.3 24.5

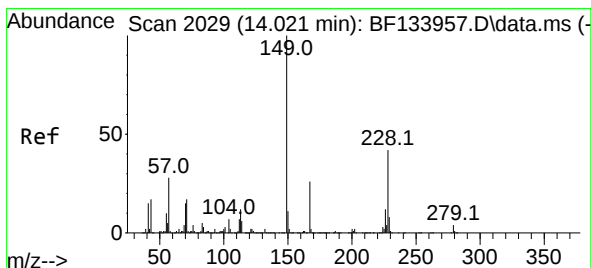
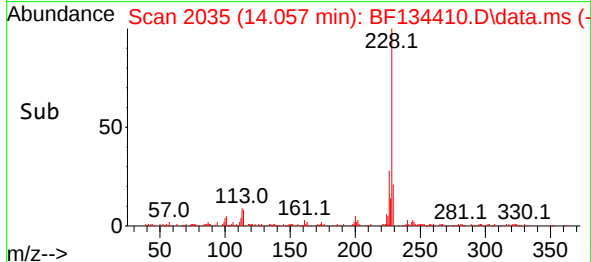
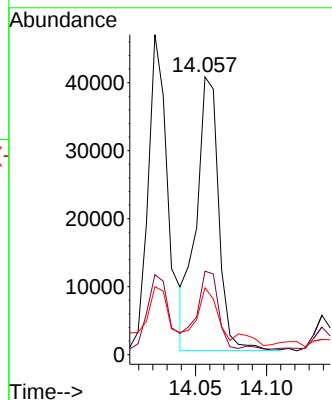
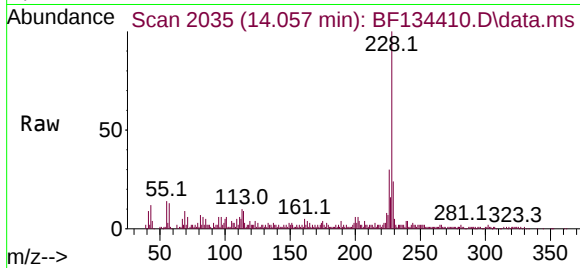




#83
Chrysene
Concen: 4.855 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

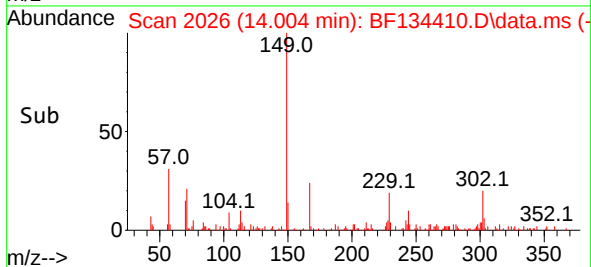
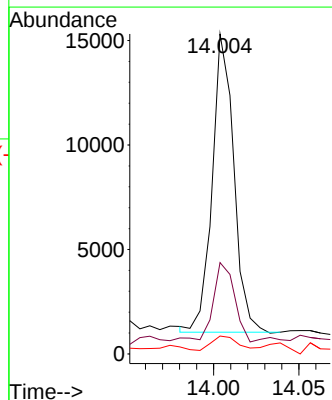
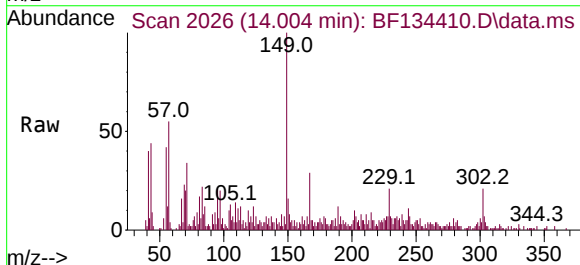
Instrument :
BNA_F
ClientSampleId :

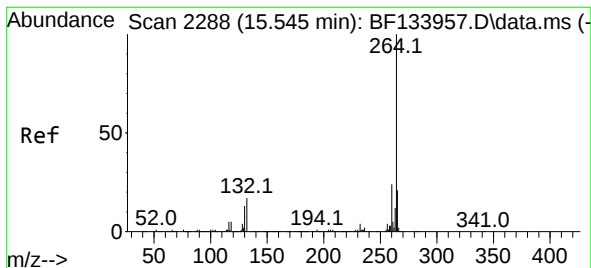
Tgt Ion:228 Resp: 44539
Ion Ratio Lower Upper
228 100
226 30.1 24.4 36.6
229 24.1 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 2.297 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.012 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Tgt Ion:149 Resp: 12580
Ion Ratio Lower Upper
149 100
167 28.6 21.0 31.4
279 5.6 3.3 4.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

Instrument :

BNA_F

ClientSampleId :

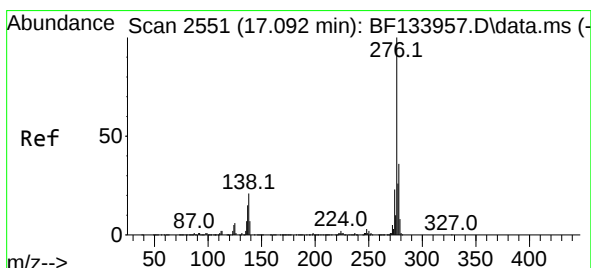
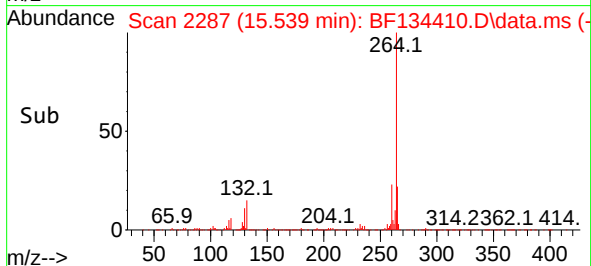
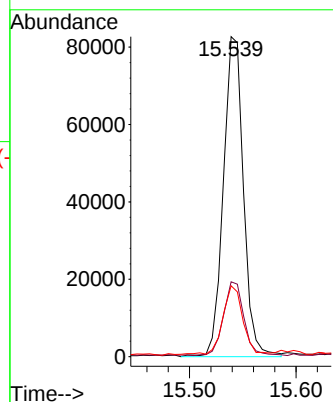
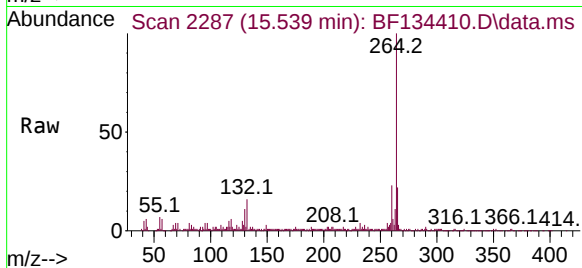
Tgt Ion:264 Resp: 108314

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 22.2 16.6 25.0



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.272 ng

RT: 17.086 min Scan# 2550

Delta R.T. -0.012 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

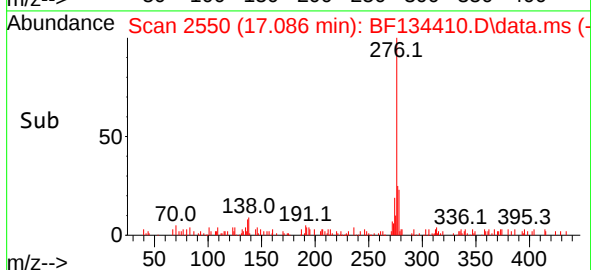
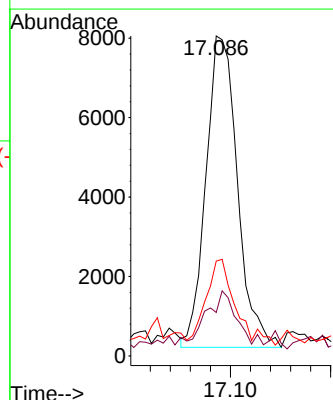
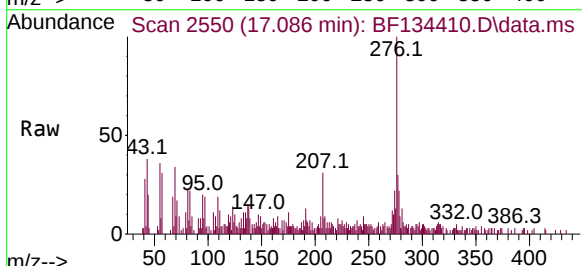
Tgt Ion:276 Resp: 17077

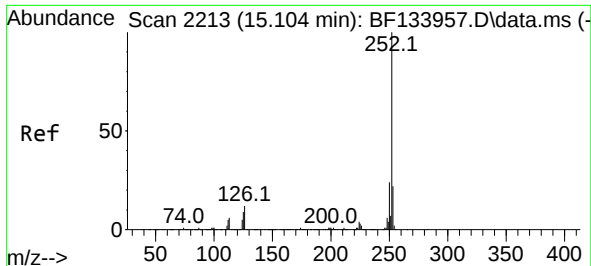
Ion Ratio Lower Upper

276 100

138 19.6 18.7 28.1

277 25.8 19.9 29.9

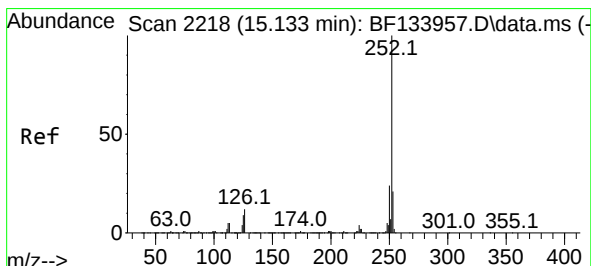
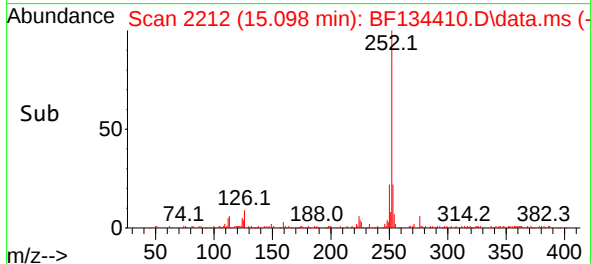
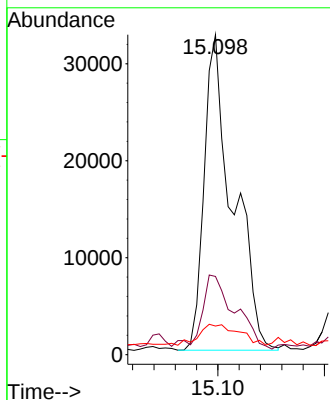
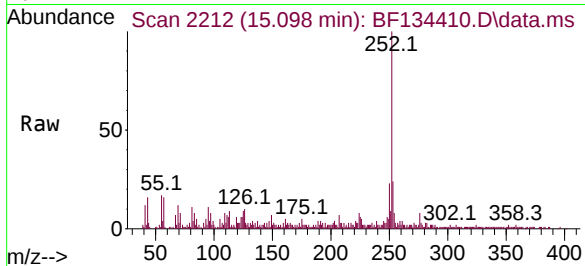




#88
Benzo(b)fluoranthene
Concen: 9.535 ng
RT: 15.098 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

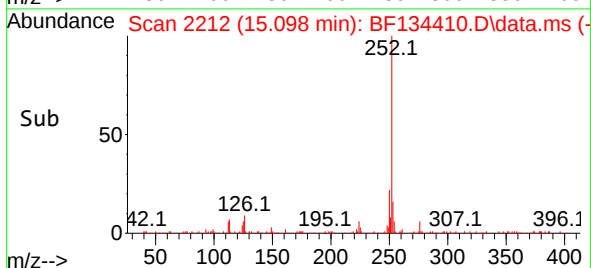
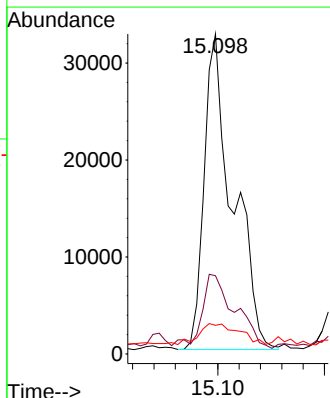
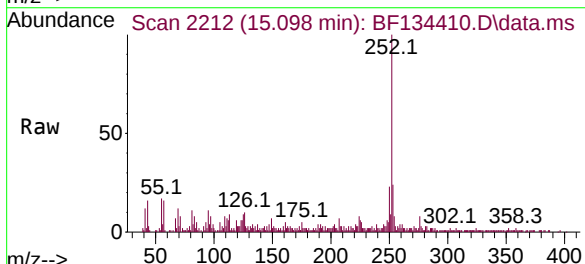
Instrument :
BNA_F
ClientSampleId :

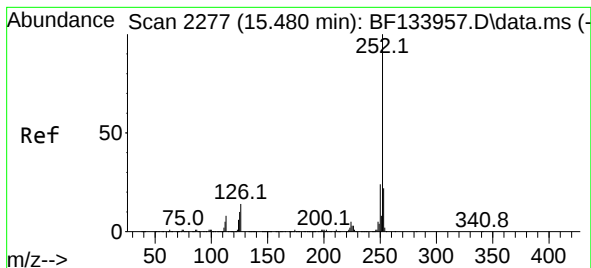
Tgt Ion:252 Resp: 60729
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.0
125 9.0 7.1 10.7



#89
Benzo(k)fluoranthene
Concen: 9.365 ng
RT: 15.098 min Scan# 2212
Delta R.T. -0.035 min
Lab File: BF134410.D
Acq: 21 Jul 2023 20:09

Tgt Ion:252 Resp: 60729
Ion Ratio Lower Upper
252 100
253 24.5 16.9 25.3
125 9.0 7.4 11.2





#90

Benzo(a)pyrene

Concen: 4.580 ng

RT: 15.474 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF134410.D

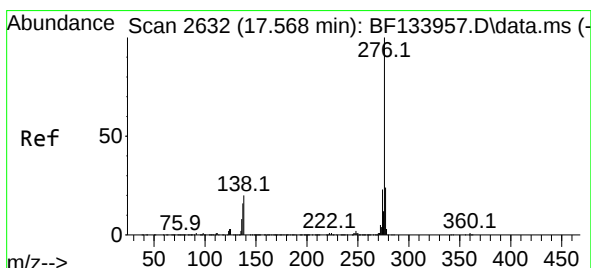
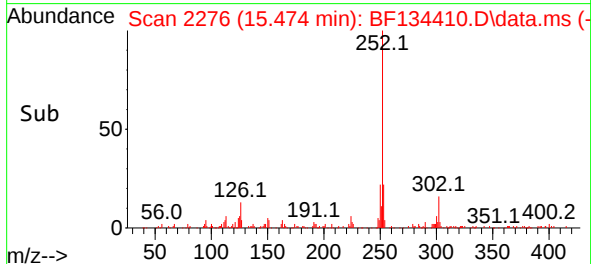
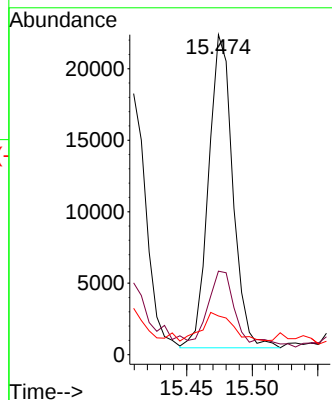
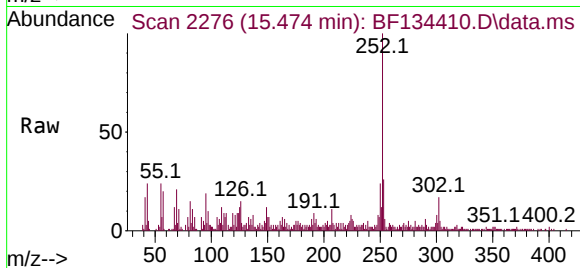
Acq: 21 Jul 2023 20:09

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:	252	Resp:	28206
Ion Ratio	Lower	Upper	
252	100		
253	26.1	17.4	26.0#
125	12.1	8.4	12.6



#92

Benzo(g,h,i)perylene

Concen: 2.598 ng

RT: 17.562 min Scan# 2631

Delta R.T. -0.006 min

Lab File: BF134410.D

Acq: 21 Jul 2023 20:09

Tgt Ion:	276	Resp:	16446
Ion Ratio	Lower	Upper	
276	100		
277	24.9	19.0	28.6
138	17.0	16.2	24.2

