

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137758.D
 Acq On : 29 Apr 2024 19:57
 Operator : CG\JU
 Sample : P2294-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 03:08:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 03:57:12 2024
 Response via : Initial Calibration

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

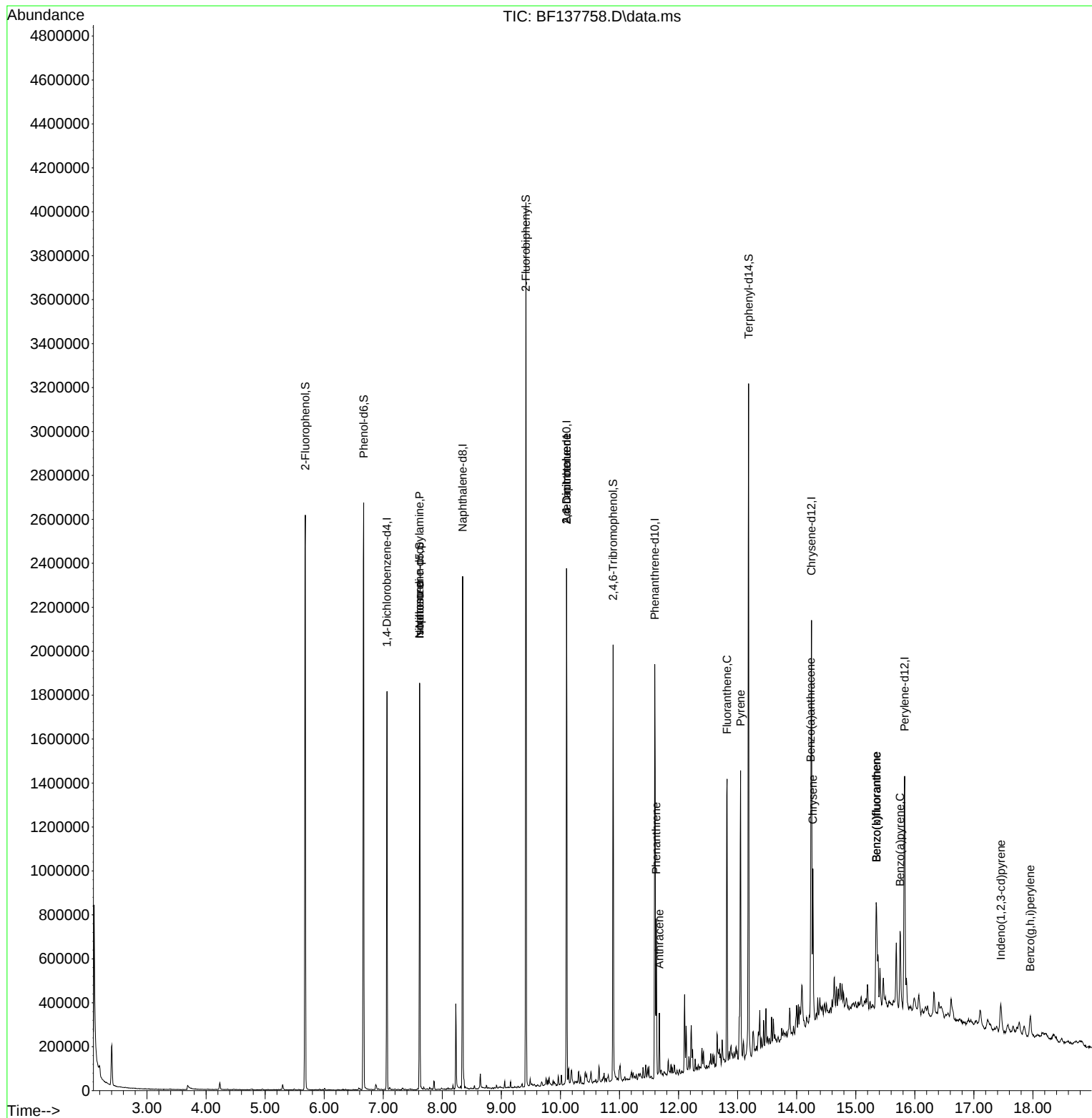
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	246649	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	903713	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	453120	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	658653	20.000	ng	0.00
76) Chrysene-d12	14.251	240	529893	20.000	ng	# 0.00
86) Perylene-d12	15.827	264	524756	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	719050	44.284	ng	0.00
7) Phenol-d6	6.669	99	909540	44.111	ng	0.00
23) Nitrobenzene-d5	7.616	82	531131	31.198	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	210665	46.074	ng	-0.01
45) 2-Fluorobiphenyl	9.416	172	1117195	36.841	ng	-0.01
79) Terphenyl-d14	13.186	244	997564	30.301	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	70527	5.290	ng	# 79
25) Isophorone	7.616	82	529381	16.743	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	58809	8.841	ng	# 23
57) 2,4-Dinitrotoluene	10.104	165	58809	7.013	ng	# 25
71) Phenanthrene	11.622	178	237180	6.803	ng	98
72) Anthracene	11.675	178	95170	2.666	ng	97
75) Fluoranthene	12.822	202	502024	13.699	ng	97
78) Pyrene	13.051	202	490469	11.277	ng	97
81) Benzo(a)anthracene	14.239	228	274277	7.421	ng	99
83) Chrysene	14.274	228	253094	7.329	ng	97
87) Indeno(1,2,3-cd)pyrene	17.457	276	86827	2.984	ng	95
88) Benzo(b)fluoranthene	15.351	252	399487	11.897	ng	99
89) Benzo(k)fluoranthene	15.351	252	399487	12.103	ng	99
90) Benzo(a)pyrene	15.751	252	189201	6.281	ng	98
92) Benzo(g,h,i)perylene	17.956	276	83764	3.568	ng	97

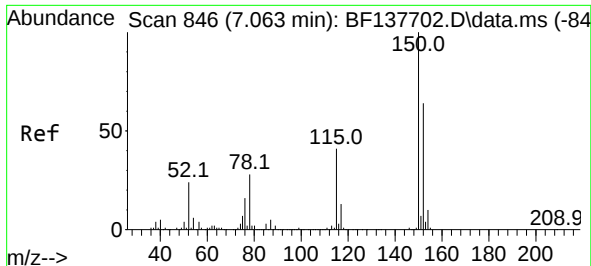
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
Data File : BF137758.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
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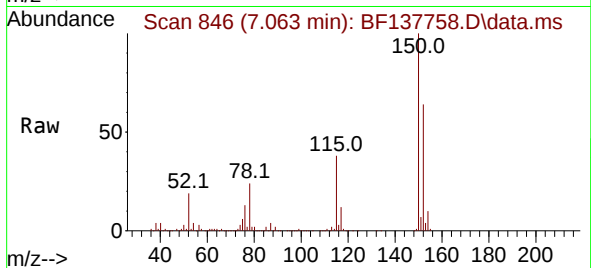
Quant Time: Apr 30 03:08:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
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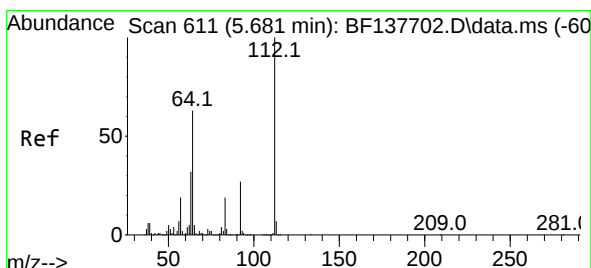
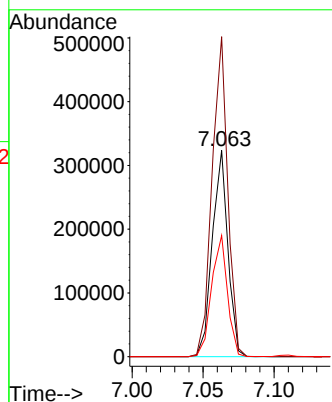
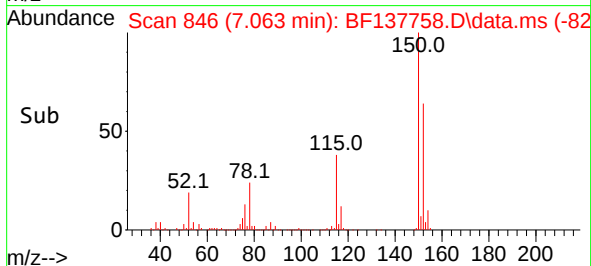


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

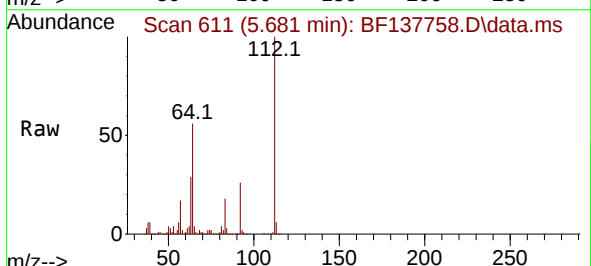
Instrument :
BNA_F
ClientSampleId :



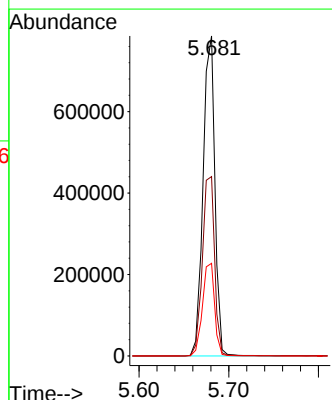
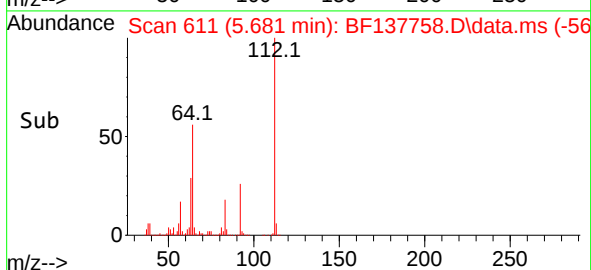
Tgt Ion:152 Resp: 246649
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 58.7 50.8 76.2



#5
2-Fluorophenol
Concen: 44.284 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.000 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57



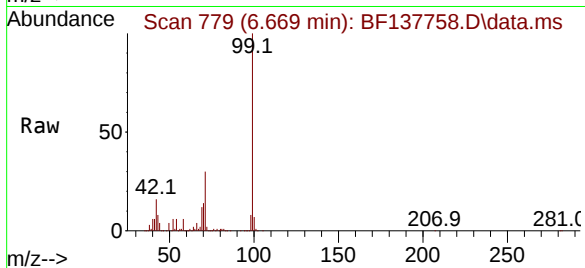
Tgt Ion:112 Resp: 719050
Ion Ratio Lower Upper
112 100
64 56.0 50.1 75.1
63 28.9 25.2 37.8



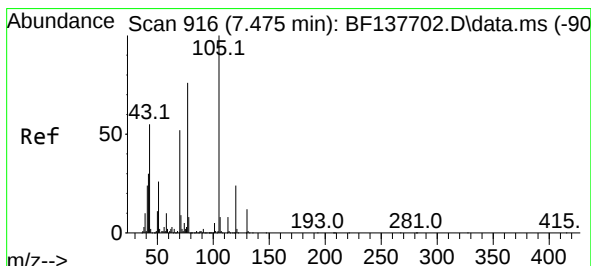
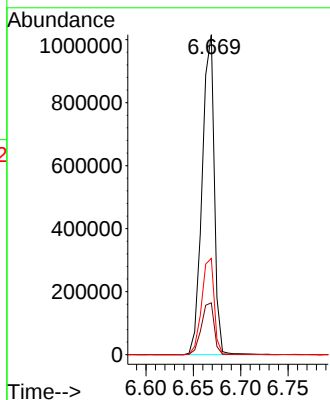
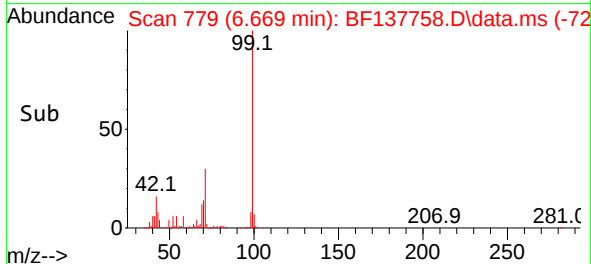


#7
Phenol-d6
Concen: 44.111 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

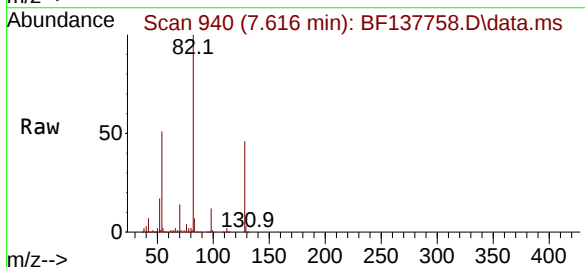
Instrument :
BNA_F
ClientSampleId :



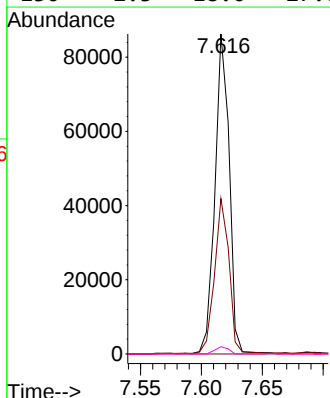
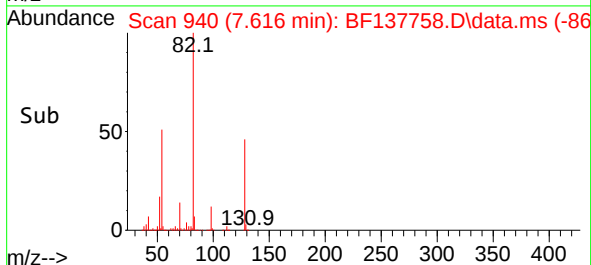
Tgt Ion: 99 Resp: 909540
Ion Ratio Lower Upper
99 100
42 16.2 15.0 22.4
71 30.1 25.7 38.5

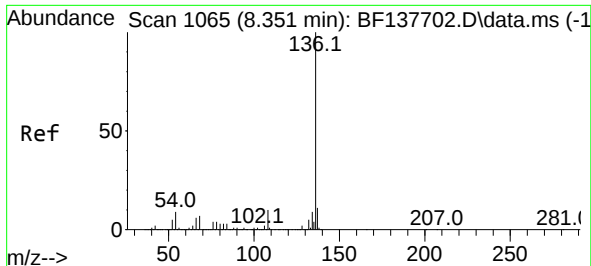


#19
n-Nitroso-di-n-propylamine
Concen: 5.290 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.141 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57



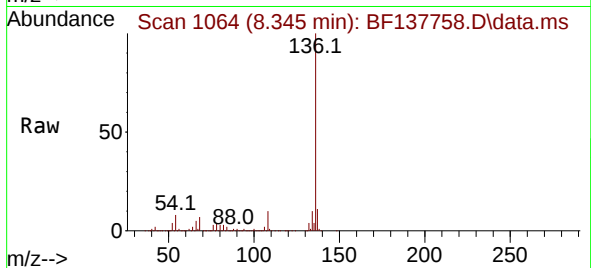
Tgt Ion: 70 Resp: 70527
Ion Ratio Lower Upper
70 100
42 48.6 45.9 68.9
101 0.0 8.0 12.0#
130 2.3 18.0 27.0#



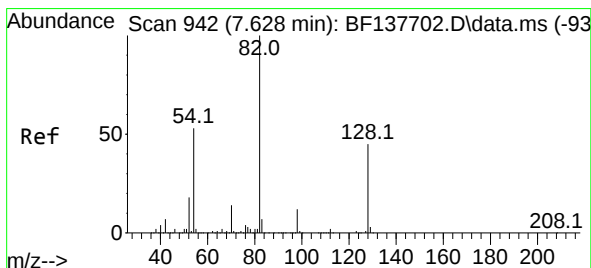
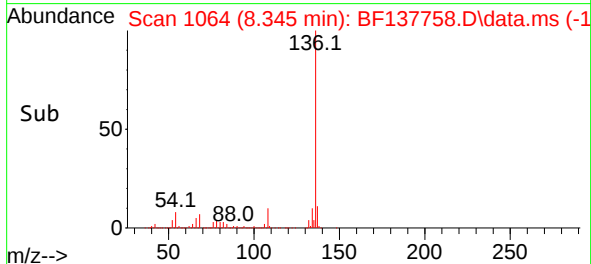
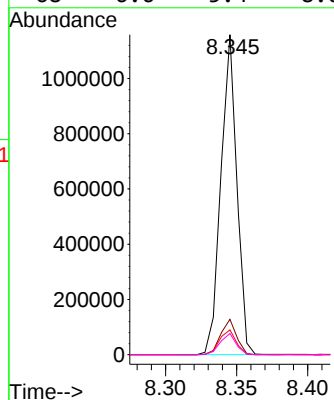


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

Instrument :
BNA_F
ClientSampleId :

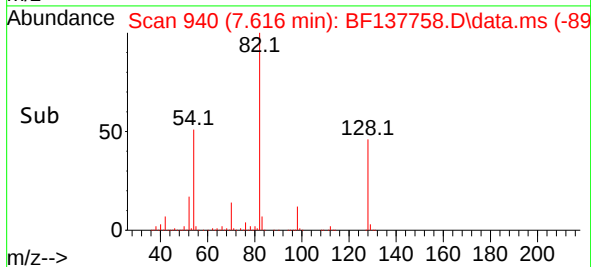
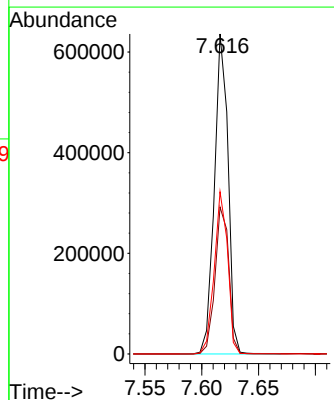
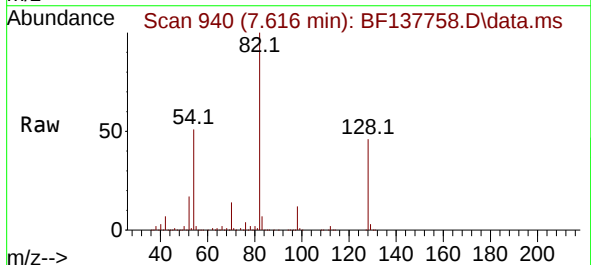


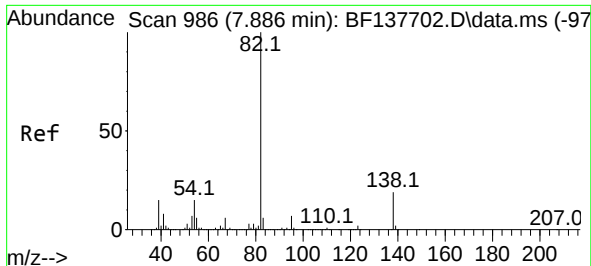
Tgt Ion:136 Resp: 903713
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.7 6.9 10.3
68 6.6 5.4 8.0



#23
Nitrobenzene-d5
Concen: 31.198 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

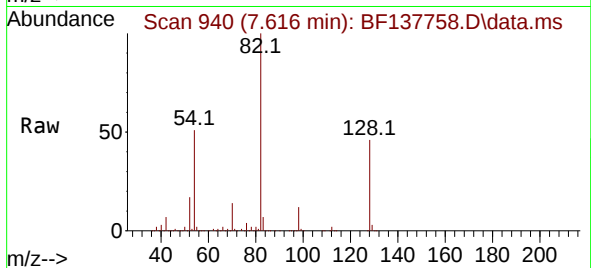
Tgt Ion: 82 Resp: 531131
Ion Ratio Lower Upper
82 100
128 45.9 35.8 53.6
54 50.7 42.5 63.7



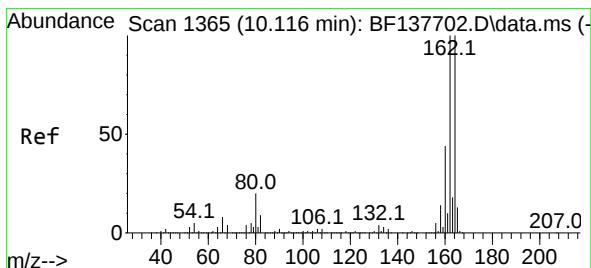
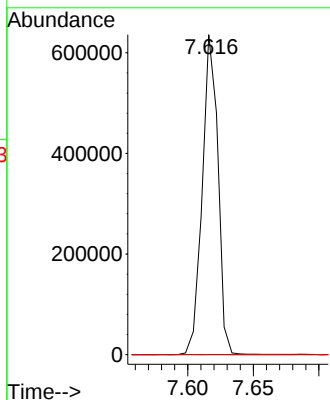
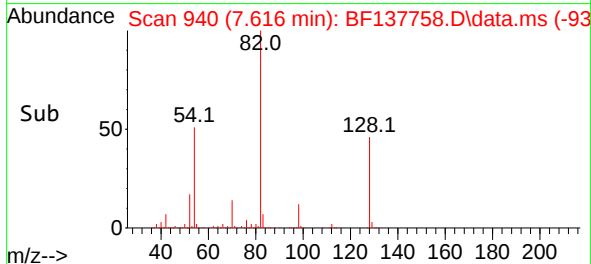


#25
Isophorone
Concen: 16.743 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.271 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

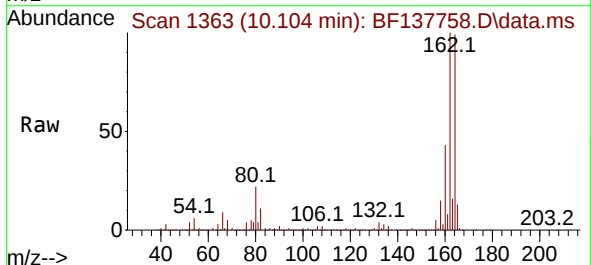
Instrument :
BNA_F
ClientSampleId :



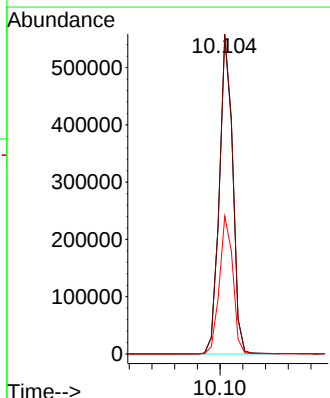
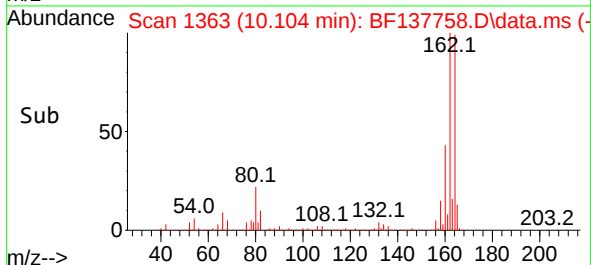
Tgt Ion: 82 Resp: 529381
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#

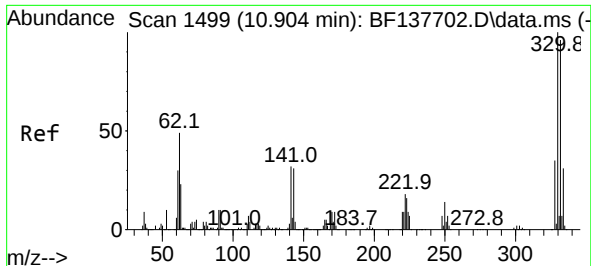


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57



Tgt Ion: 164 Resp: 453120
Ion Ratio Lower Upper
164 100
162 100.7 80.3 120.5
160 43.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 46.074 ng

RT: 10.892 min Scan# 1499

Delta R.T. -0.012 min

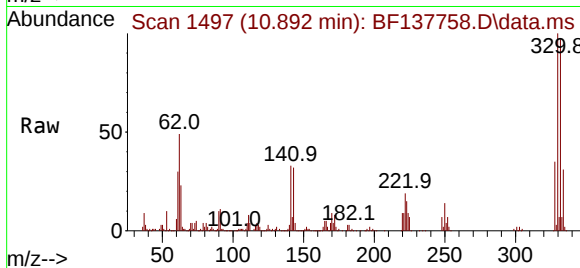
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Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :



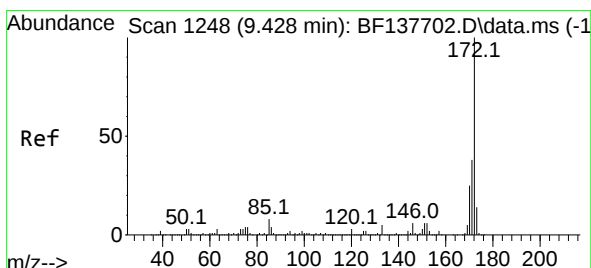
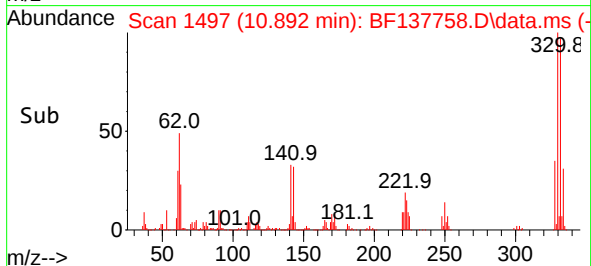
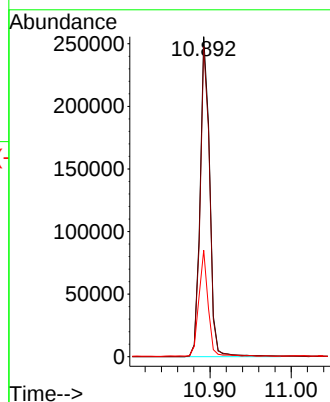
Tgt Ion:330 Resp: 210665

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 31.8 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 36.841 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.012 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

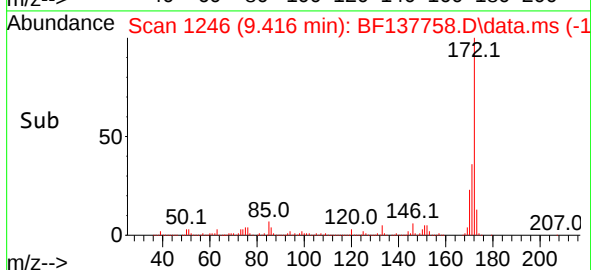
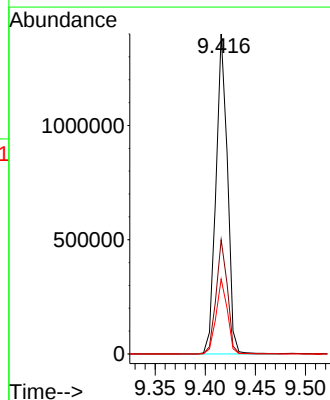
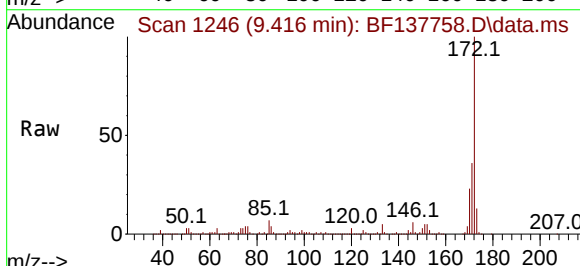
Tgt Ion:172 Resp: 1117195

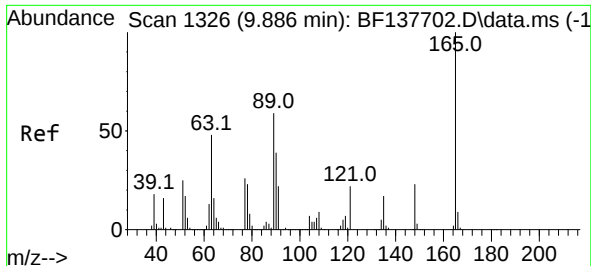
Ion Ratio Lower Upper

172 100

171 35.7 30.2 45.4

170 23.4 20.2 30.4

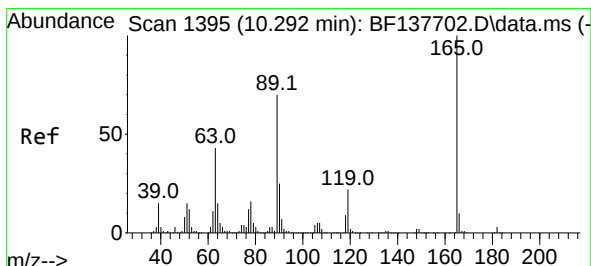
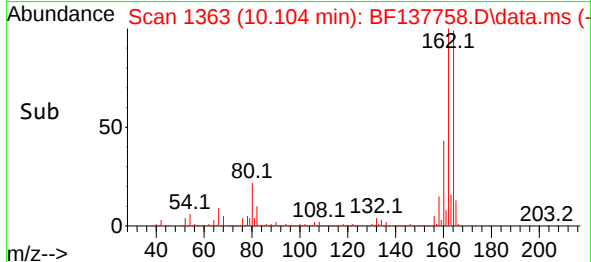
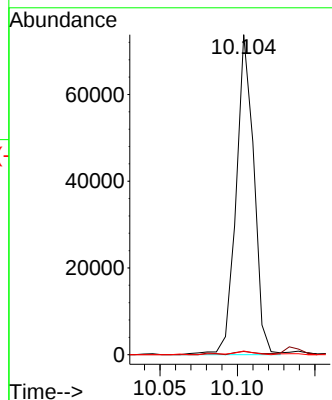
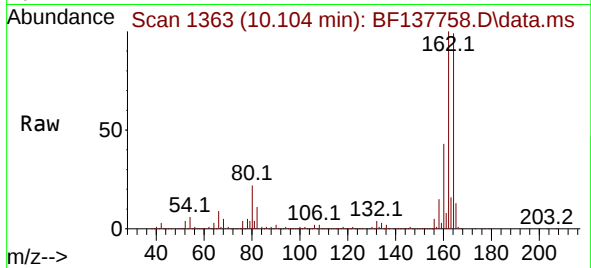




#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

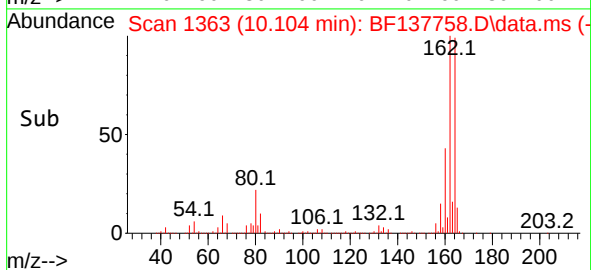
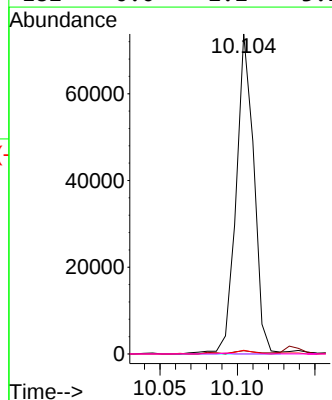
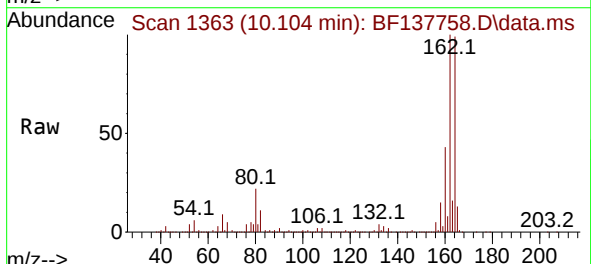
Instrument :
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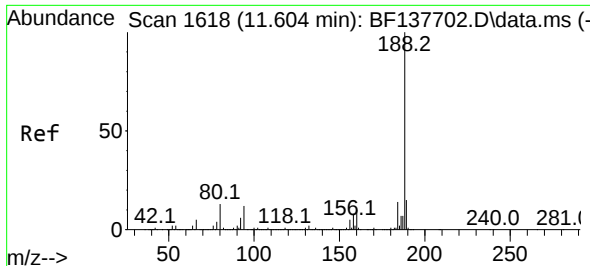
Tgt Ion:165 Resp: 58809
Ion Ratio Lower Upper
165 100
63 1.0 47.7 71.5#
89 1.2 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

Tgt Ion:165 Resp: 58809
Ion Ratio Lower Upper
165 100
63 1.0 34.1 51.1#
89 1.2 56.4 84.6#
182 0.0 2.2 3.2#

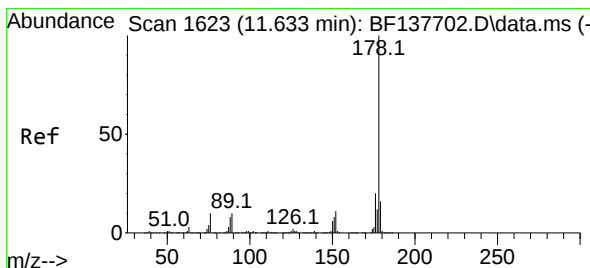
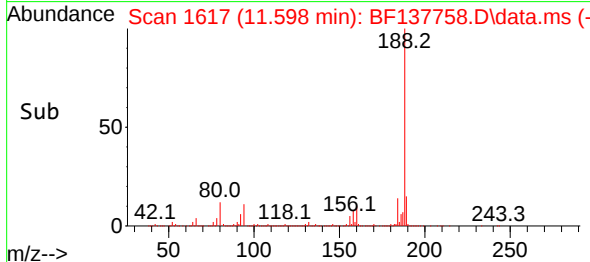
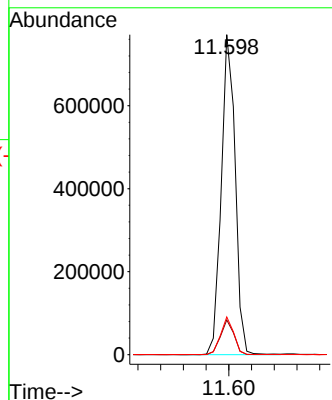
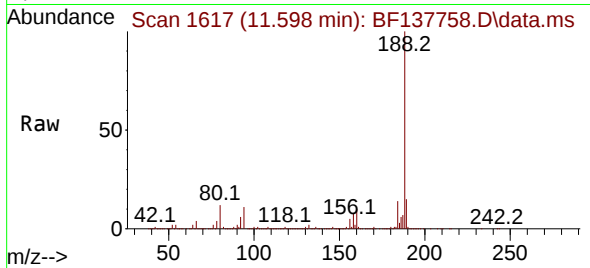




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.598 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

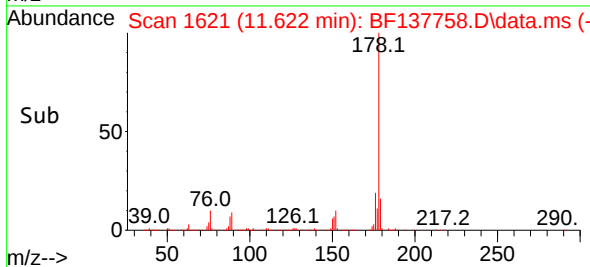
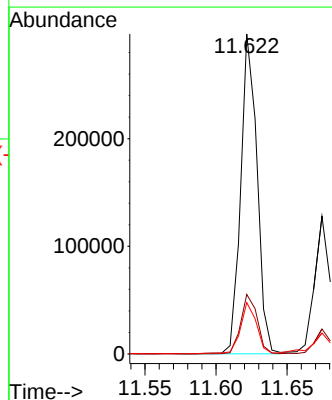
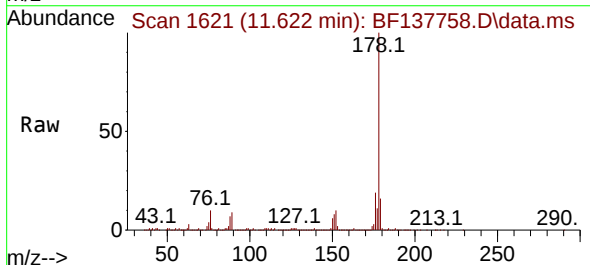
Instrument :
BNA_F
ClientSampleId :

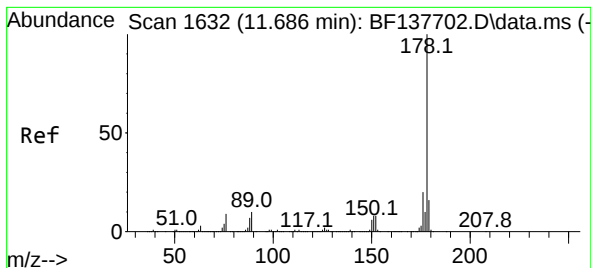
Tgt Ion:188 Resp: 658653
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.8 10.2 15.4



#71
Phenanthrene
Concen: 6.803 ng
RT: 11.622 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF137758.D
Acq: 29 Apr 2024 19:57

Tgt Ion:178 Resp: 237180
Ion Ratio Lower Upper
178 100
176 18.6 16.4 24.6
179 16.1 12.8 19.2





#72

Anthracene

Concen: 2.666 ng

RT: 11.675 min Scan# 1630

Delta R.T. -0.012 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

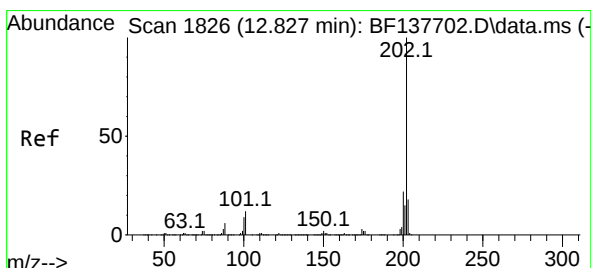
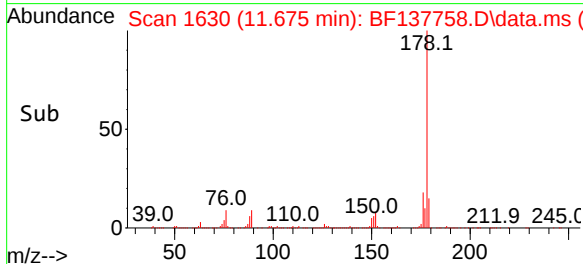
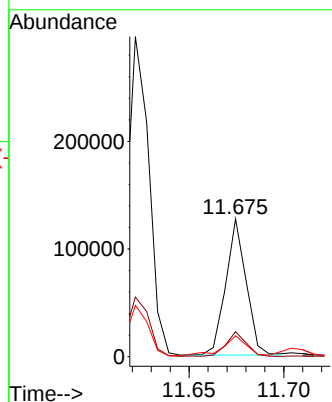
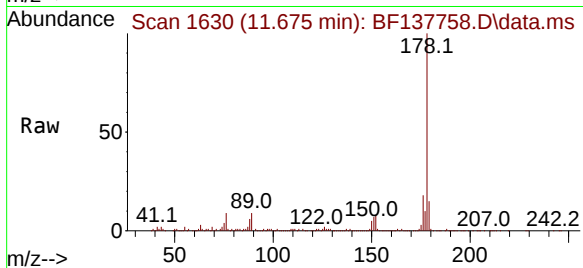
Tgt Ion:178 Resp: 95170

Ion Ratio Lower Upper

178 100

176 18.1 15.8 23.8

179 15.2 13.0 19.6



#75

Fluoranthene

Concen: 13.699 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.006 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

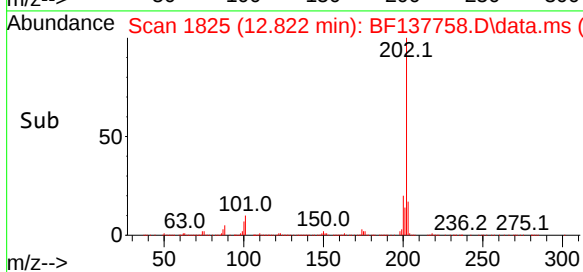
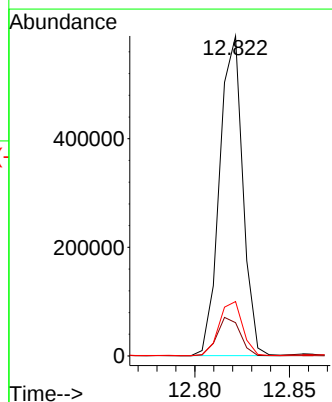
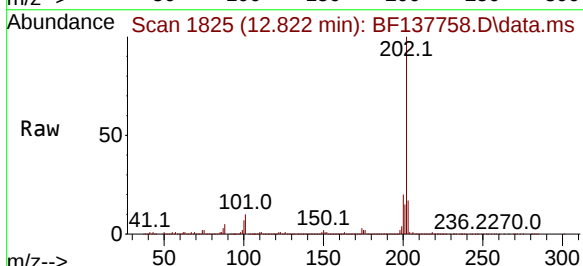
Tgt Ion:202 Resp: 502024

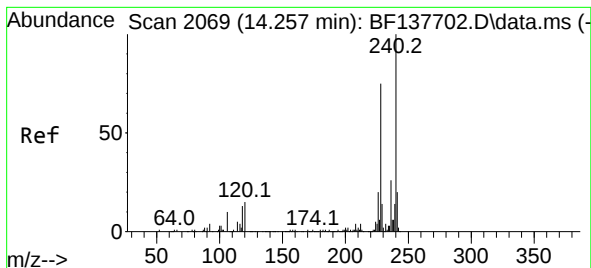
Ion Ratio Lower Upper

202 100

101 10.4 0.0 32.2

203 17.0 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2069

Delta R.T. -0.006 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

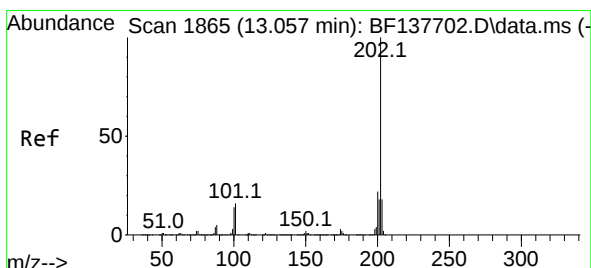
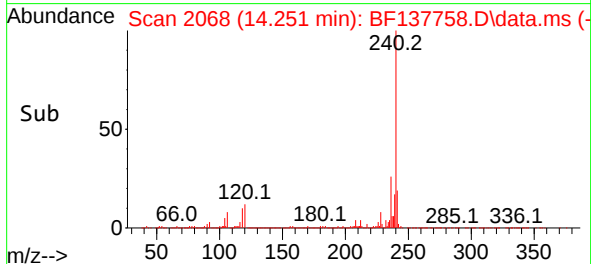
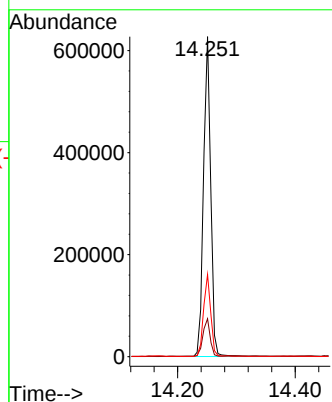
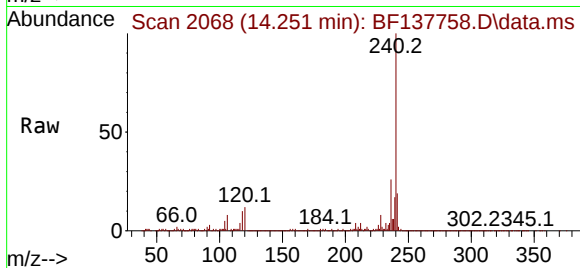
Tgt Ion:240 Resp: 529893

Ion Ratio Lower Upper

240 100

120 11.9 11.9 17.9#

236 25.7 20.8 31.2



#78

Pyrene

Concen: 11.277 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

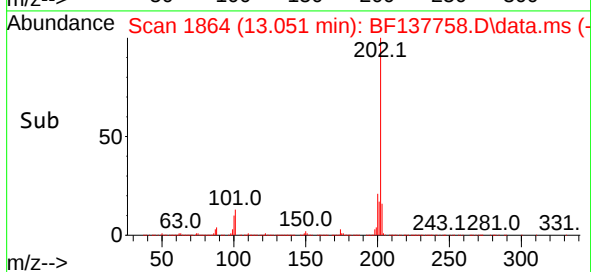
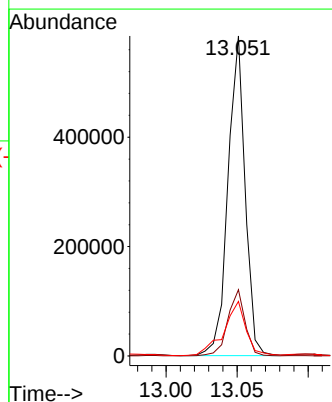
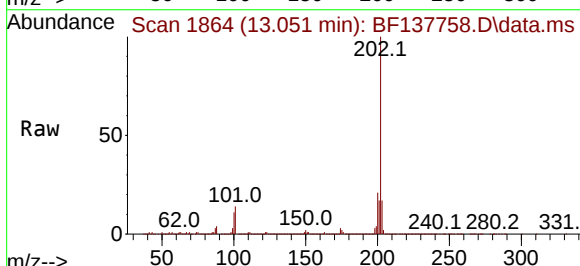
Tgt Ion:202 Resp: 490469

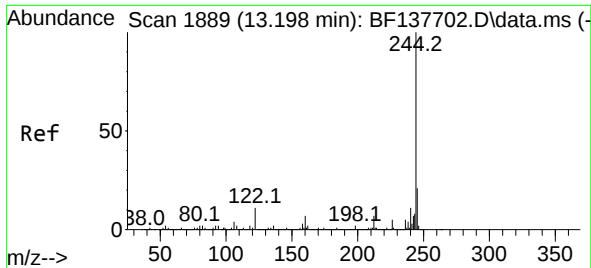
Ion Ratio Lower Upper

202 100

200 20.7 17.8 26.6

203 17.1 14.6 21.8

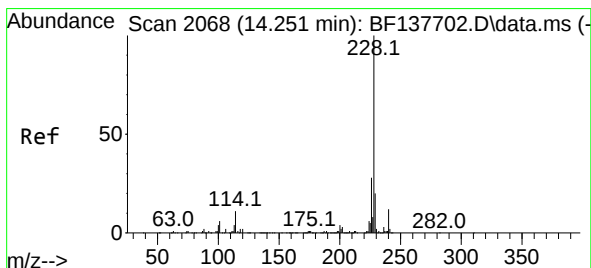
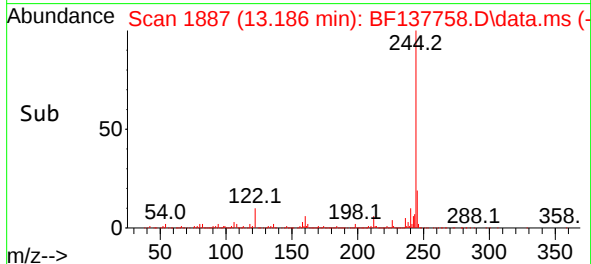
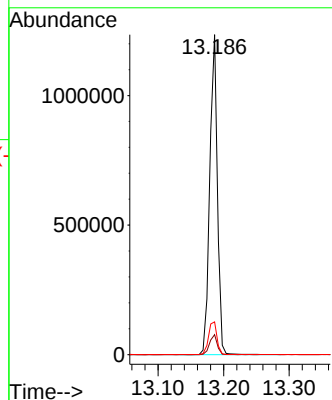
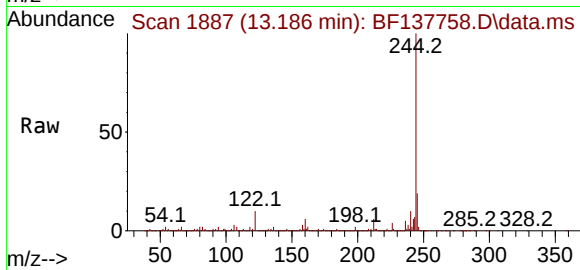




#79
 Terphenyl-d14
 Concen: 30.301 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137758.D
 Acq: 29 Apr 2024 19:57

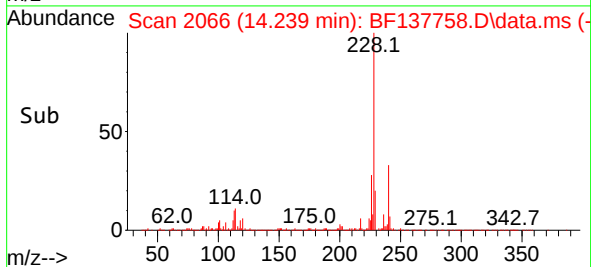
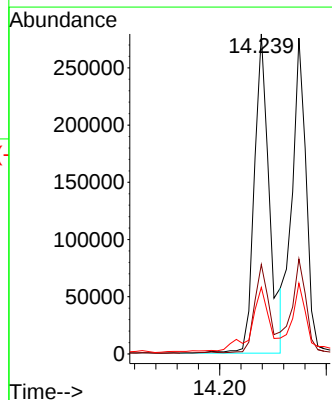
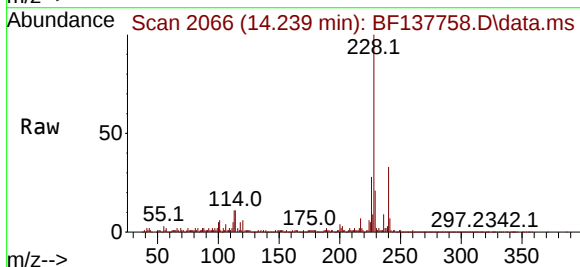
Instrument :
 BNA_F
 ClientSampleId :

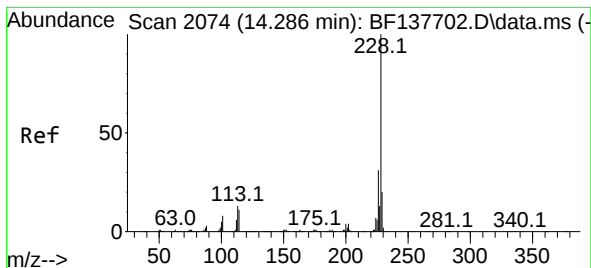
Tgt Ion:244 Resp: 997564
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.5 8.3
 122 10.2 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 7.421 ng
 RT: 14.239 min Scan# 2066
 Delta R.T. -0.012 min
 Lab File: BF137758.D
 Acq: 29 Apr 2024 19:57

Tgt Ion:228 Resp: 274277
 Ion Ratio Lower Upper
 228 100
 226 28.0 22.7 34.1
 229 20.8 16.0 24.0





#83

Chrysene

Concen: 7.329 ng

RT: 14.274 min Scan# 2074

Delta R.T. -0.012 min

Lab File: BF137758.D

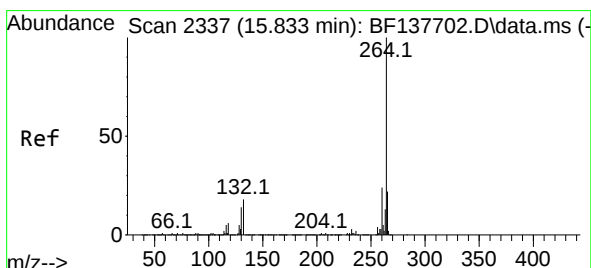
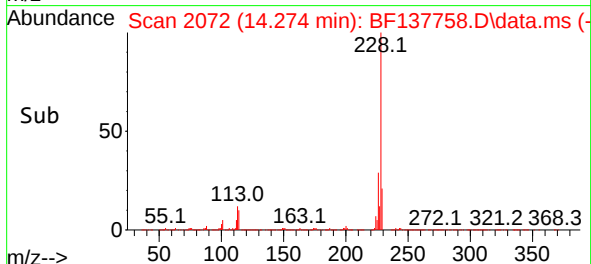
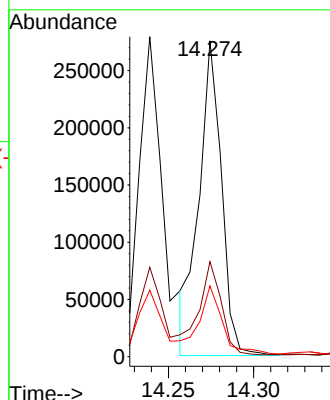
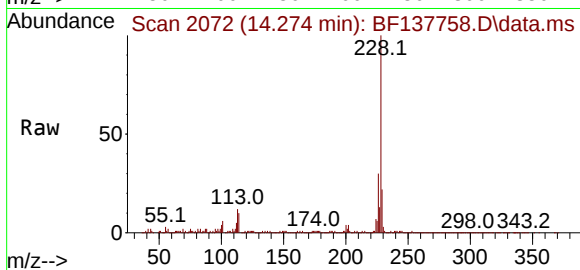
Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:228	Resp: 253094		
Ion Ratio	Lower	Upper	
228 100			
226 30.1	24.7	37.1	
229 22.4	16.2	24.4	



#86

Perylene-d12

Concen: 20.000 ng

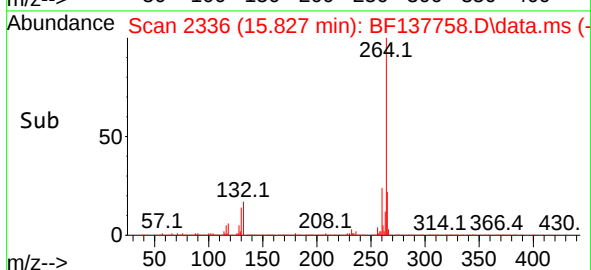
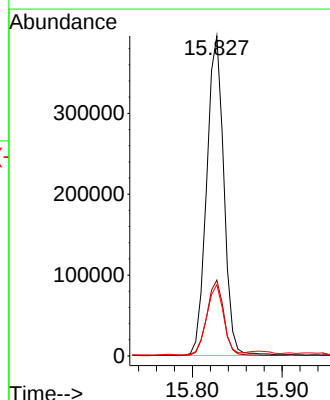
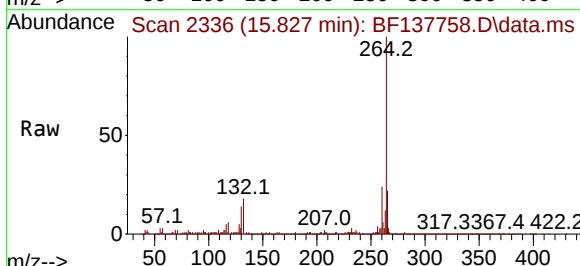
RT: 15.827 min Scan# 2336

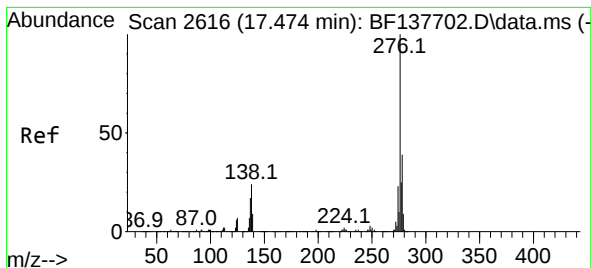
Delta R.T. -0.006 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

Tgt Ion:264	Resp: 524756		
Ion Ratio	Lower	Upper	
264 100			
260 23.7	19.4	29.2	
265 22.3	17.5	26.3	





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.984 ng

RT: 17.457 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

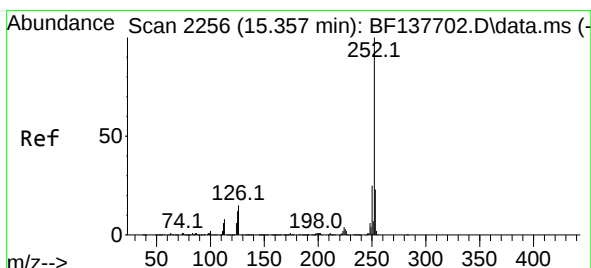
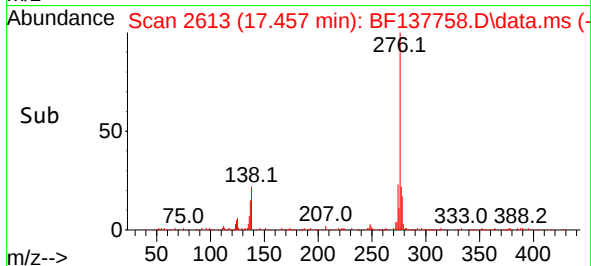
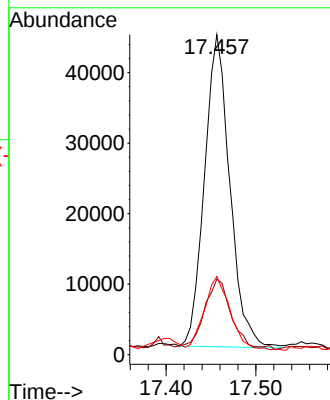
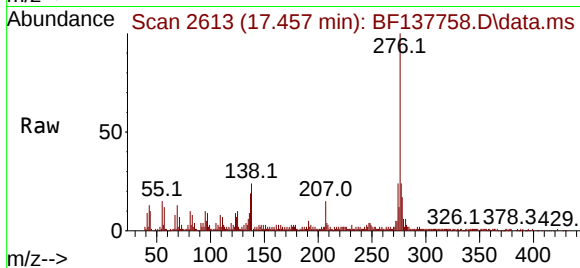
Tgt Ion:276 Resp: 86827

Ion Ratio Lower Upper

276 100

138 24.7 22.3 33.5

277 23.7 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 11.897 ng

RT: 15.351 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

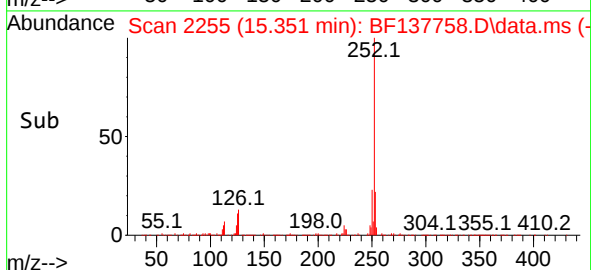
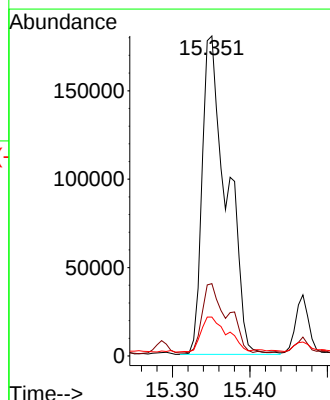
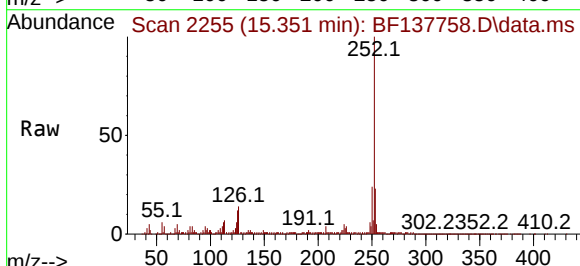
Tgt Ion:252 Resp: 399487

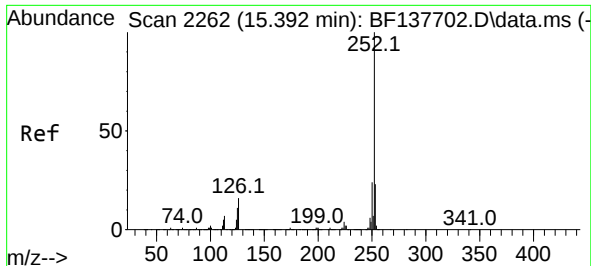
Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

125 12.1 9.2 13.8





#89

Benzo(k)fluoranthene

Concen: 12.103 ng

RT: 15.351 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

Instrument :

BNA_F

ClientSampleId :

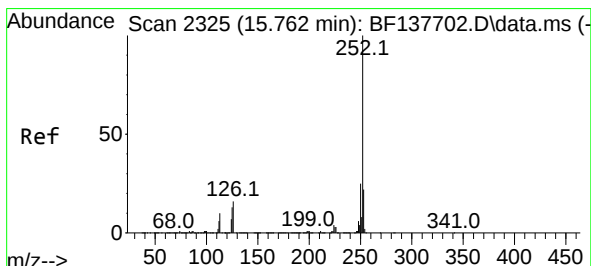
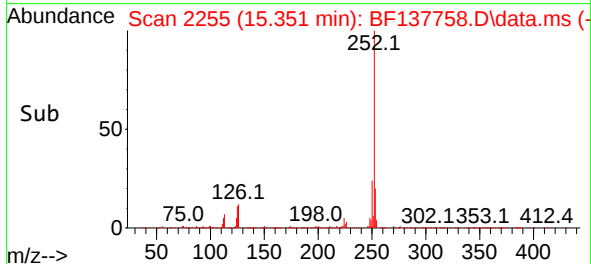
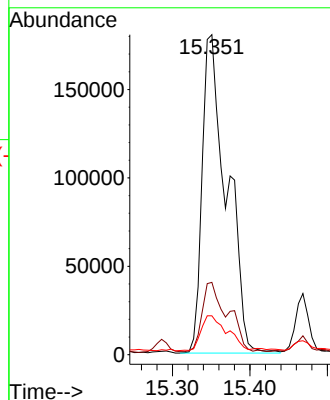
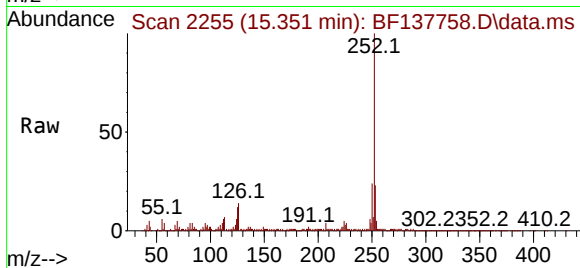
Tgt Ion:252 Resp: 399487

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 12.1 9.0 13.6



#90

Benzo(a)pyrene

Concen: 6.281 ng

RT: 15.751 min Scan# 2323

Delta R.T. -0.012 min

Lab File: BF137758.D

Acq: 29 Apr 2024 19:57

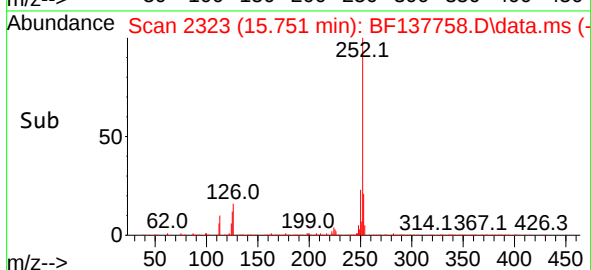
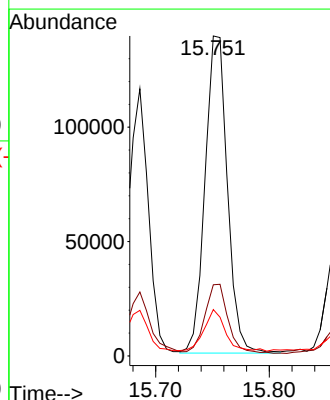
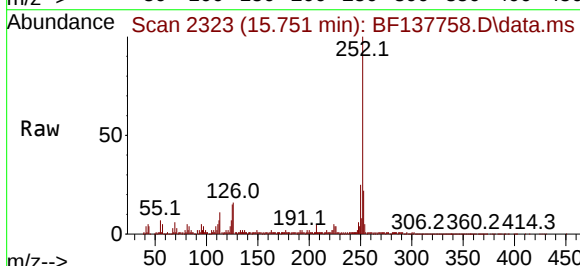
Tgt Ion:252 Resp: 189201

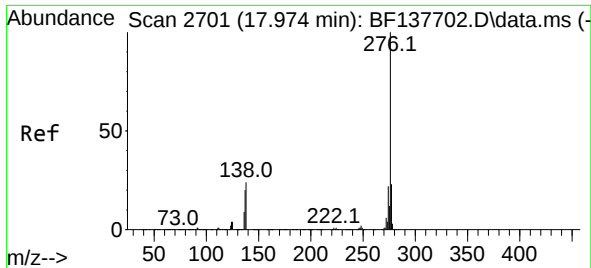
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

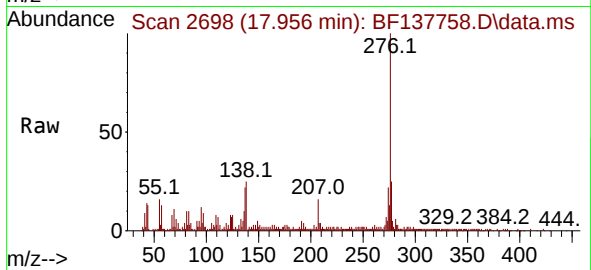
125 14.5 10.2 15.2





#92
 Benzo(g,h,i)perylene
 Concen: 3.568 ng
 RT: 17.956 min Scan# 20
 Delta R.T. -0.018 min
 Lab File: BF137758.D
 Acq: 29 Apr 2024 19:57

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:	276	Resp:	83764
Ion	Ratio	Lower	Upper
276	100		
277	25.0	18.5	27.7
138	25.3	19.5	29.3

