

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
 Data File : BF137757.D
 Acq On : 29 Apr 2024 19:22
 Operator : CG\JU
 Sample : P2294-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 03:08:16 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)

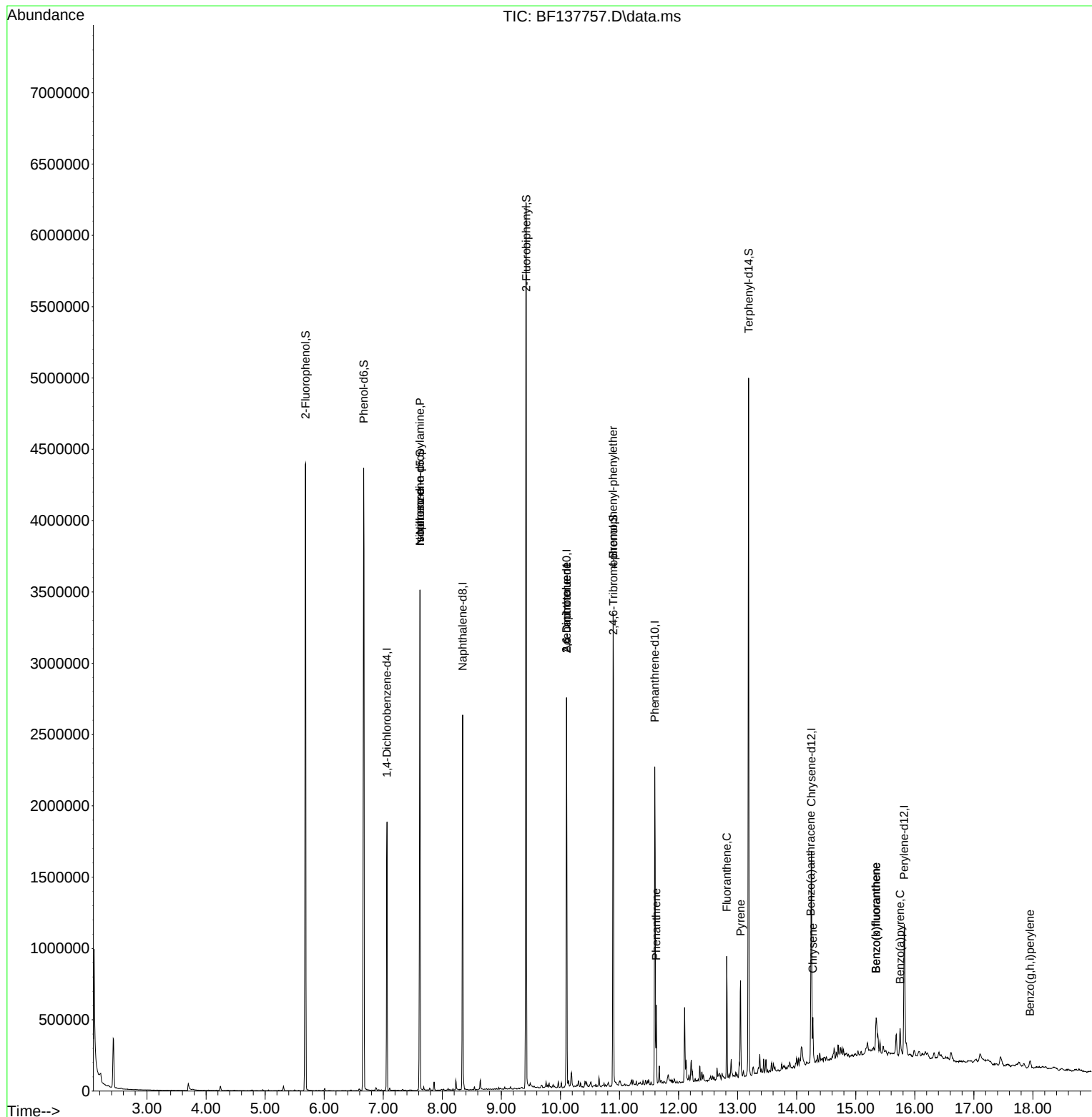
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.063	152	269610	20.000	ng	0.00
21) Naphthalene-d8	8.345	136	1035666	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	538908	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	761719	20.000	ng	0.00
76) Chrysene-d12	14.251	240	476050	20.000	ng	# 0.00
86) Perylene-d12	15.821	264	460119	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1353069	76.235	ng	0.00
7) Phenol-d6	6.669	99	1727751	76.656	ng	0.00
23) Nitrobenzene-d5	7.622	82	1017980	52.177	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	417788	76.828	ng	0.00
45) 2-Fluorobiphenyl	9.422	172	2046287	56.736	ng	0.00
79) Terphenyl-d14	13.186	244	1587577	53.677	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	135217	9.278	ng	# 77
25) Isophorone	7.622	82	1015498	28.025	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	72498	9.164	ng	# 22
57) 2,4-Dinitrotoluene	10.104	165	72685	7.288	ng	# 24
67) 4-Bromophenyl-phenylether	10.892	248	26607	3.014	ng	# 1
71) Phenanthrene	11.622	178	174183	4.320	ng	98
75) Fluoranthene	12.816	202	299356	7.063	ng	99
78) Pyrene	13.051	202	271366	6.945	ng	98
81) Benzo(a)anthracene	14.239	228	124294	3.743	ng	98
83) Chrysene	14.274	228	117032	3.772	ng	98
88) Benzo(b)fluoranthene	15.345	252	201241	6.835	ng	98
89) Benzo(k)fluoranthene	15.345	252	201241	6.953	ng	# 98
90) Benzo(a)pyrene	15.751	252	98474	3.728	ng	98
92) Benzo(g,h,i)perylene	17.951	276	48640	2.363	ng	98

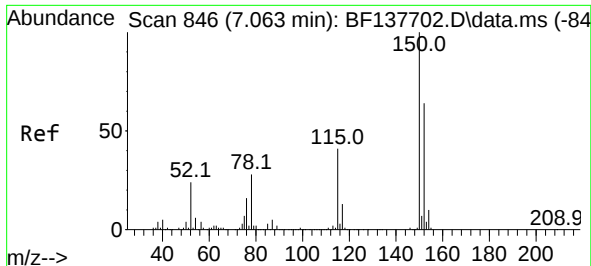
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042924\
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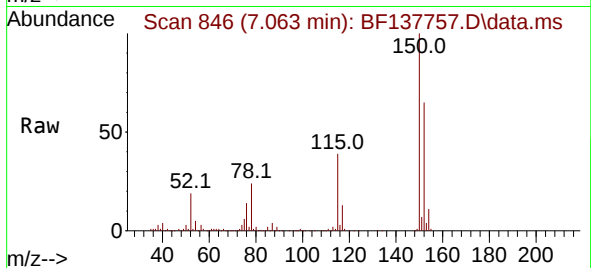
Quant Time: Apr 30 03:08:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
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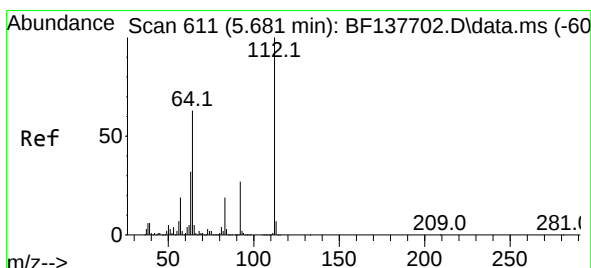
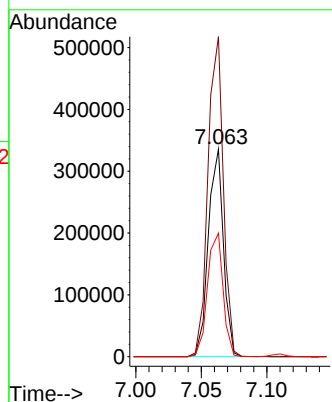
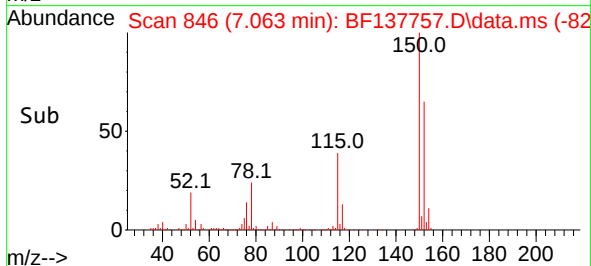


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.063 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

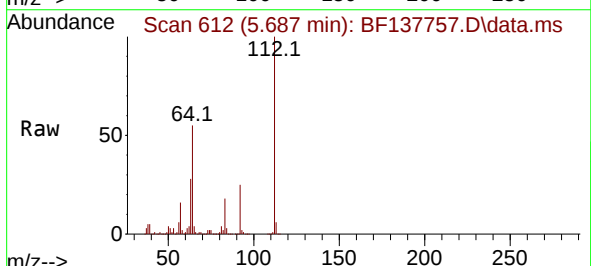
Instrument :
BNA_F
ClientSampleId :



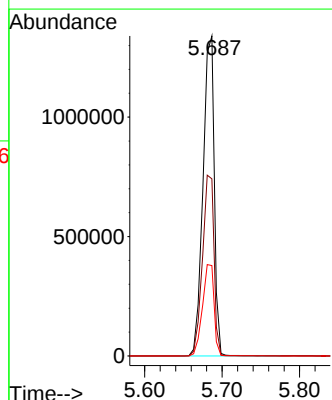
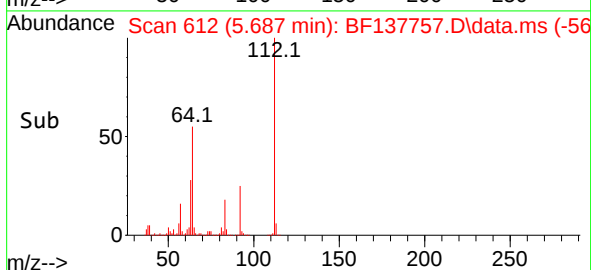
Tgt Ion:152 Resp: 269610
Ion Ratio Lower Upper
152 100
150 154.2 124.2 186.4
115 59.5 50.8 76.2



#5
2-Fluorophenol
Concen: 76.235 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22



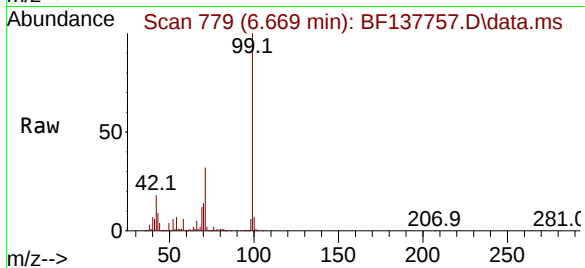
Tgt Ion:112 Resp: 1353069
Ion Ratio Lower Upper
112 100
64 55.4 50.1 75.1
63 28.2 25.2 37.8





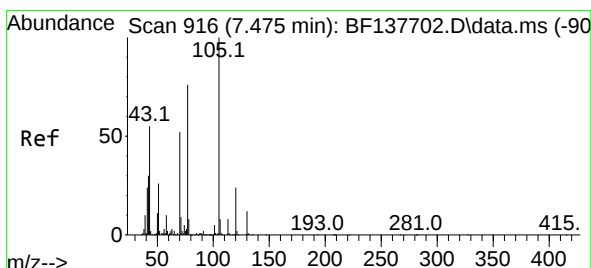
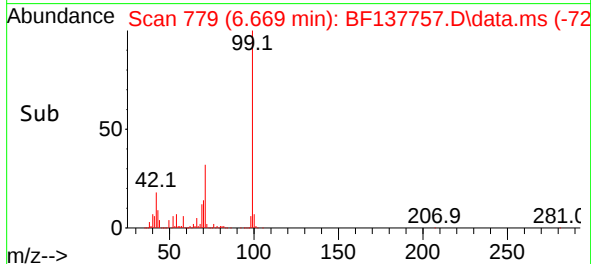
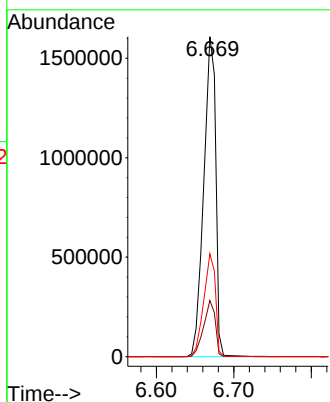
#7
Phenol-d6
Concen: 76.656 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1727751

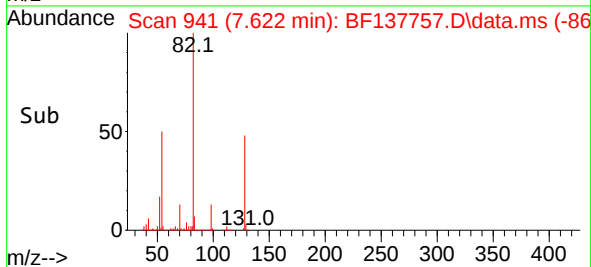
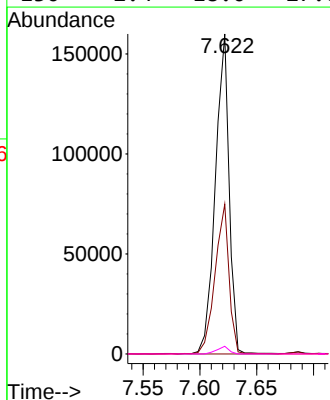
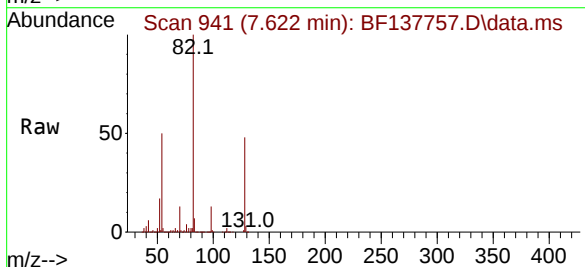
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	32.2	25.7	38.5

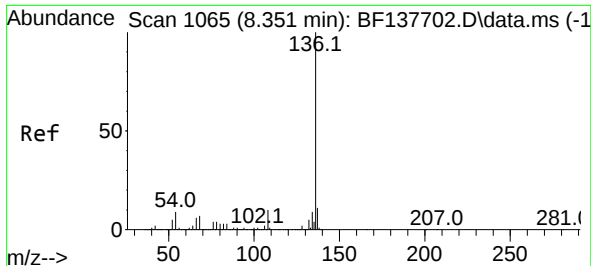


#19
n-Nitroso-di-n-propylamine
Concen: 9.278 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.147 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion: 70 Resp: 135217

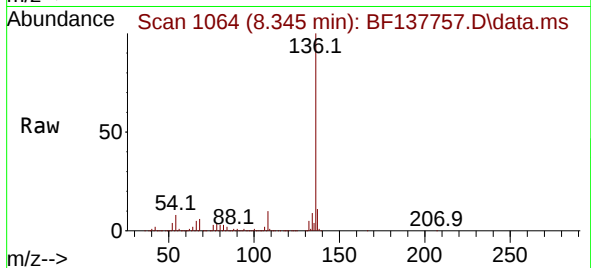
Ion	Ratio	Lower	Upper
70	100		
42	46.8	45.9	68.9
101	0.0	8.0	12.0#
130	2.4	18.0	27.0#





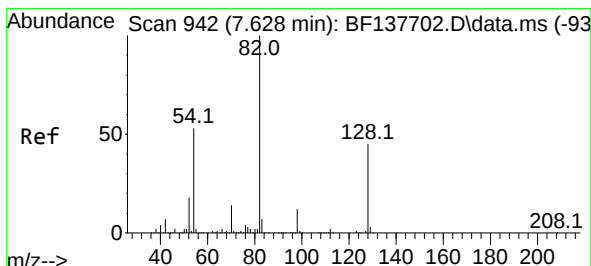
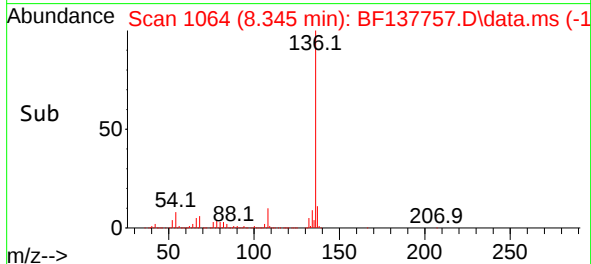
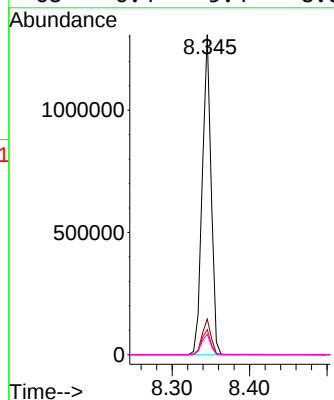
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.345 min Scan# 1064
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 1035666

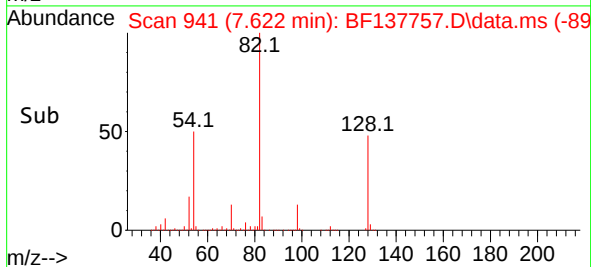
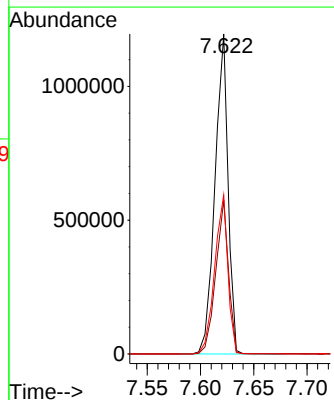
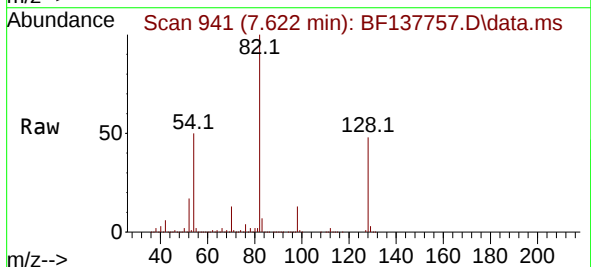
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	6.9	10.3
68	6.4	5.4	8.0

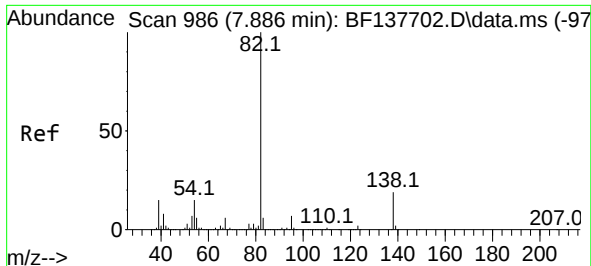


#23
Nitrobenzene-d5
Concen: 52.177 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion: 82 Resp: 1017980

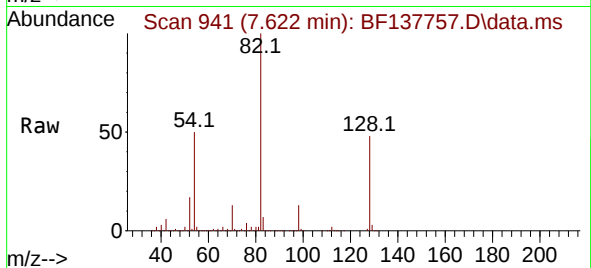
Ion	Ratio	Lower	Upper
82	100		
128	48.1	35.8	53.6
54	49.7	42.5	63.7



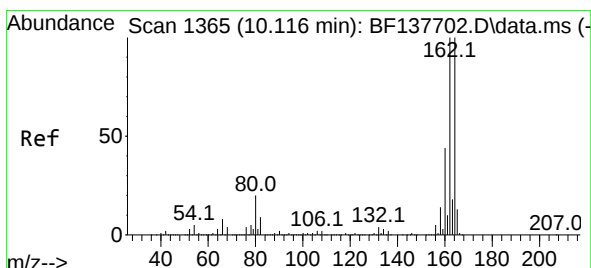
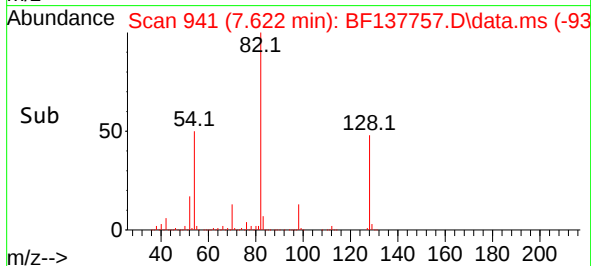
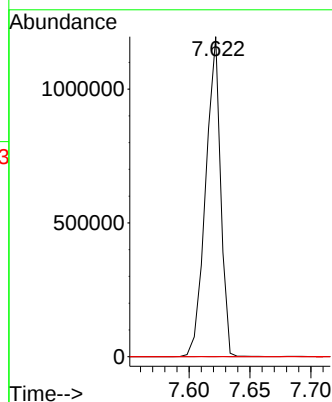


#25
Isophorone
Concen: 28.025 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.265 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Instrument :
BNA_F
ClientSampleId :

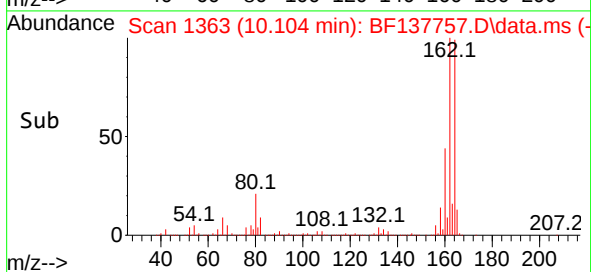
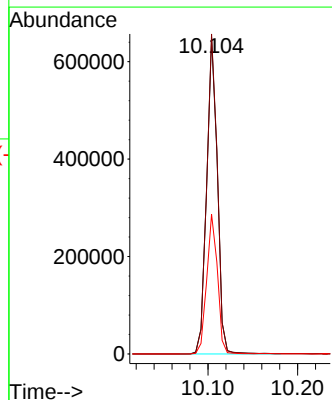
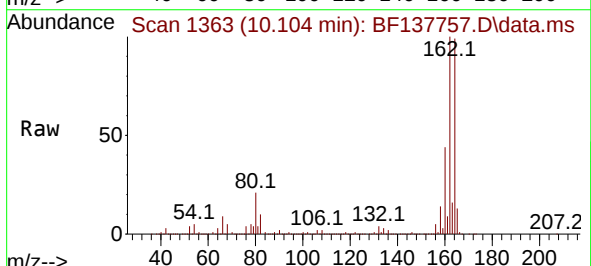


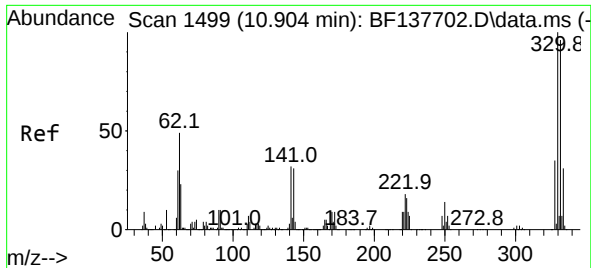
Tgt Ion: 82 Resp: 1015498
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.3 22.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion: 164 Resp: 538908
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 44.1 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 76.828 ng

RT: 10.898 min Scan# 1499

Delta R.T. -0.006 min

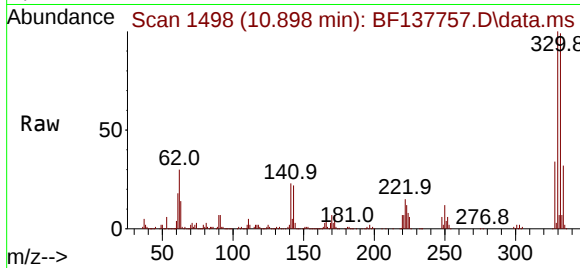
Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :



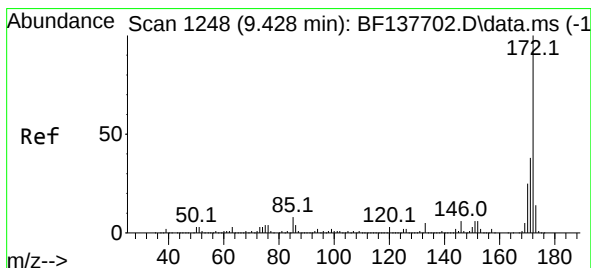
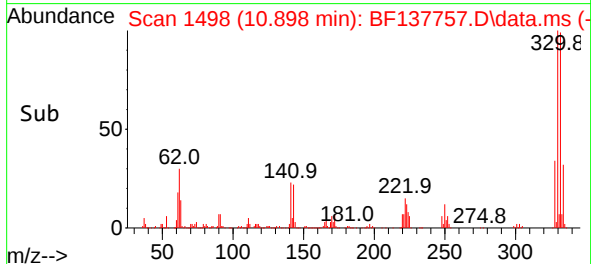
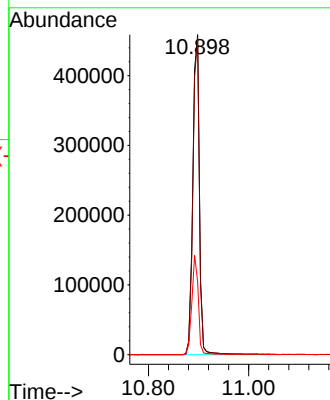
Tgt Ion:330 Resp: 417788

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 30.1 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 56.736 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

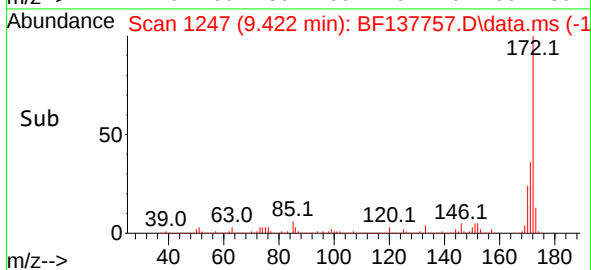
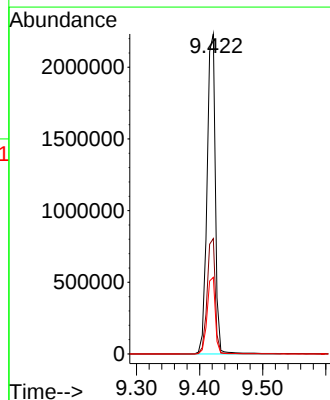
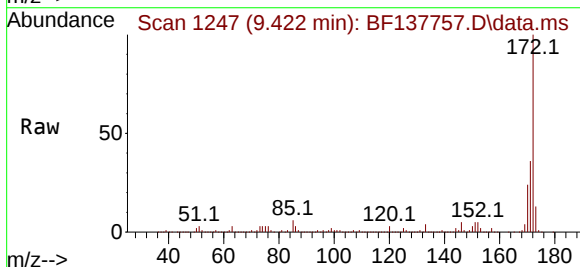
Tgt Ion:172 Resp: 2046287

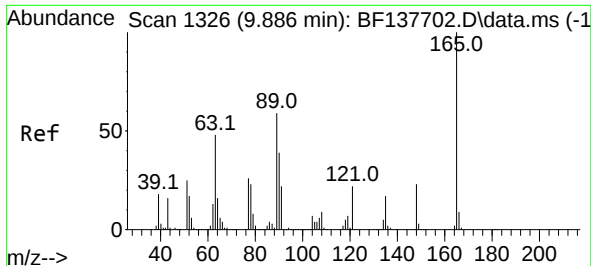
Ion Ratio Lower Upper

172 100

171 36.0 30.2 45.4

170 24.0 20.2 30.4

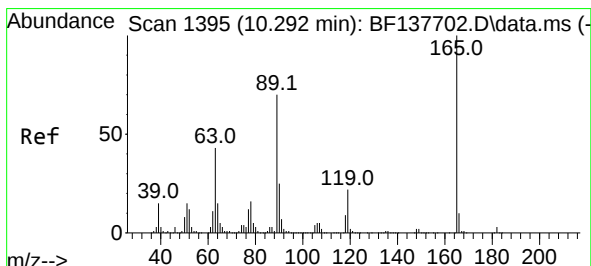
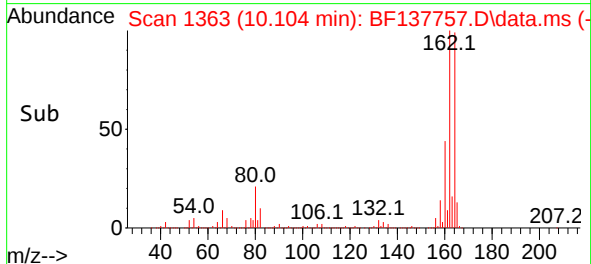
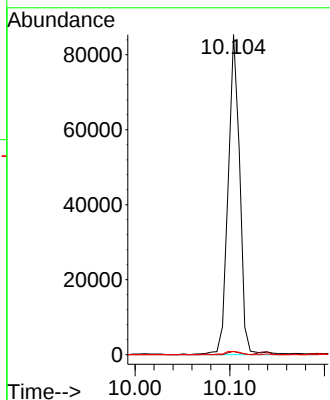
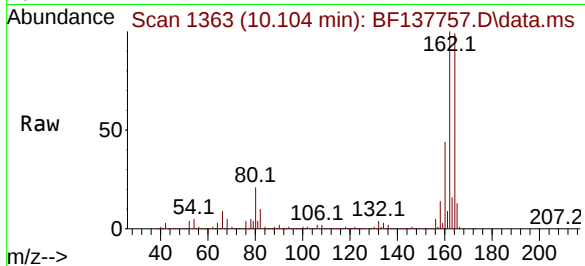




#51
2,6-Dinitrotoluene
Concen: 9.164 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.218 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

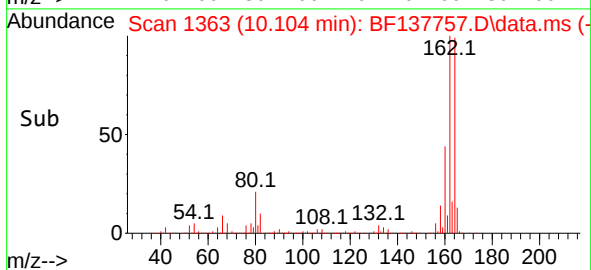
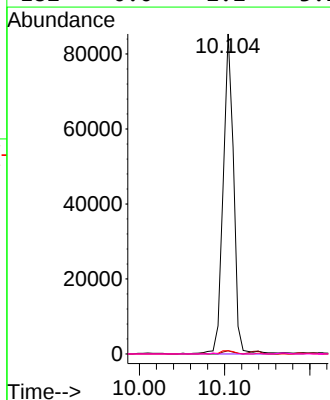
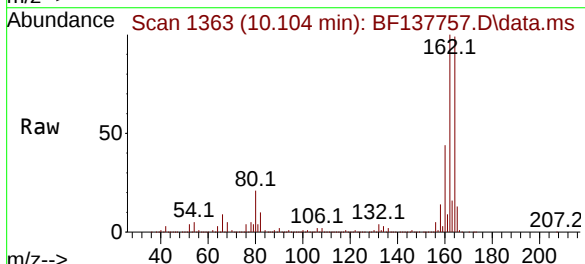
Instrument :
BNA_F
ClientSampleId :

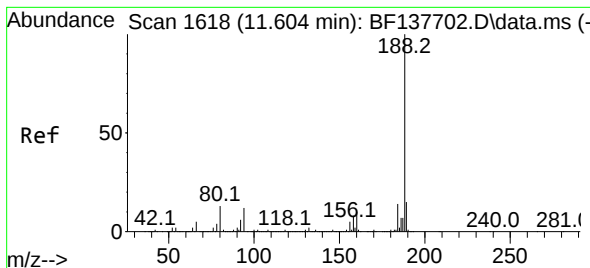
Tgt Ion:165 Resp: 72498
Ion Ratio Lower Upper
165 100
63 1.0 47.7 71.5#
89 1.0 47.3 70.9#



#57
2,4-Dinitrotoluene
Concen: 7.288 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.188 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion:165 Resp: 72685
Ion Ratio Lower Upper
165 100
63 1.0 34.1 51.1#
89 1.0 56.4 84.6#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :

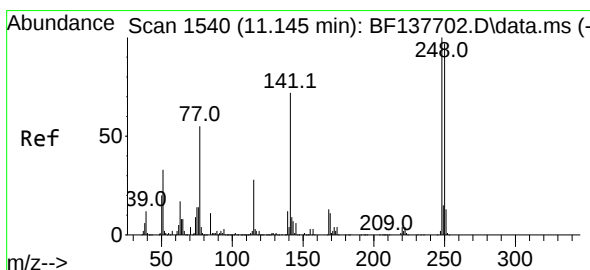
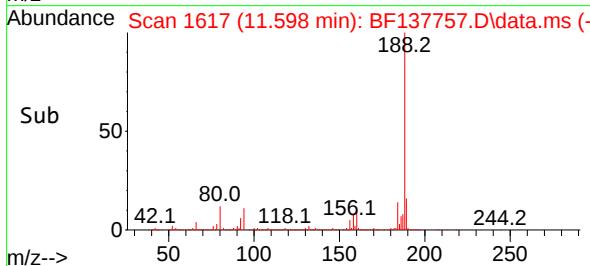
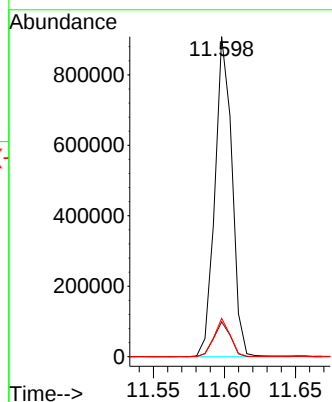
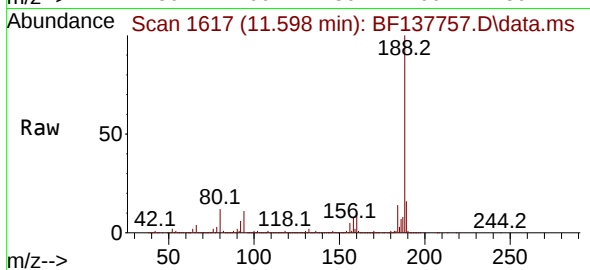
Tgt Ion:188 Resp: 761719

Ion Ratio Lower Upper

188 100

94 10.9 9.4 14.2

80 12.0 10.2 15.4



#67

4-Bromophenyl-phenylether

Concen: 3.014 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.253 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

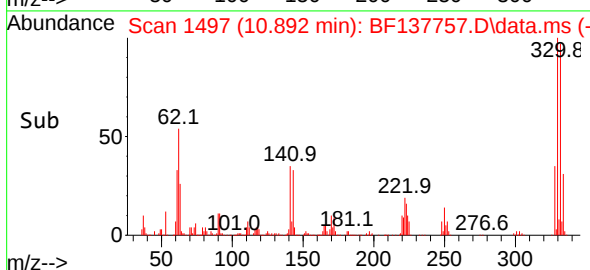
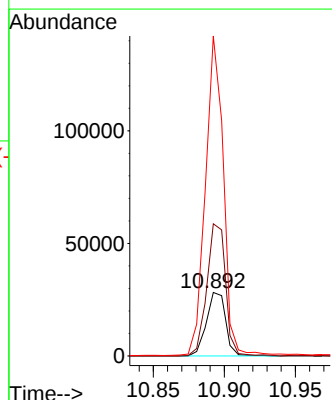
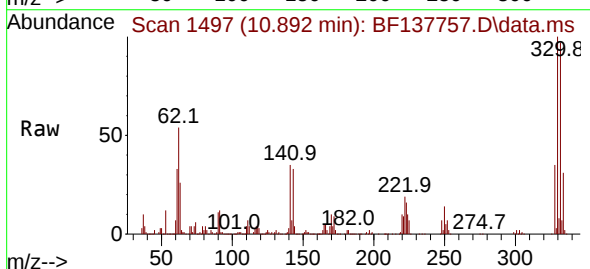
Tgt Ion:248 Resp: 26607

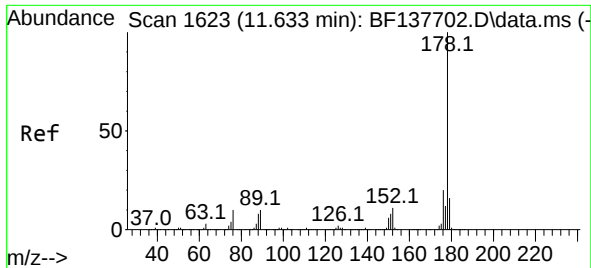
Ion Ratio Lower Upper

248 100

250 208.0 77.4 116.0#

141 503.9 57.9 86.9#

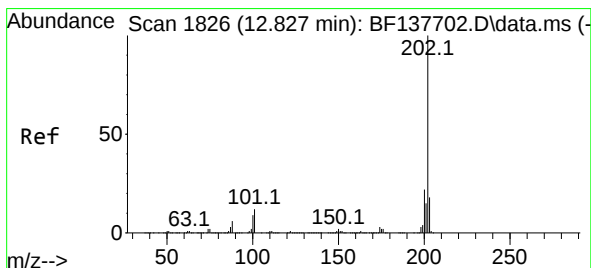
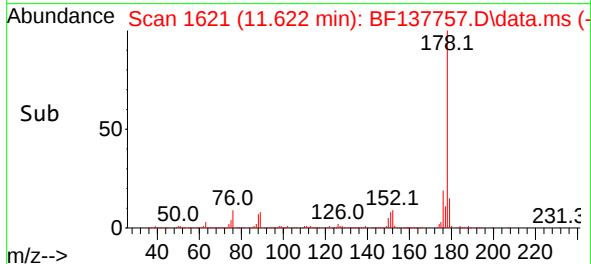
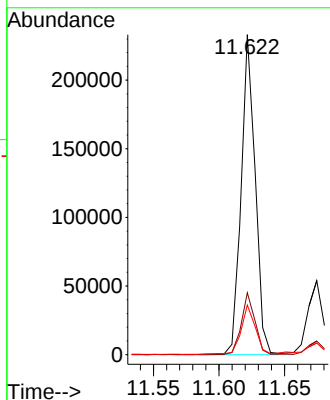
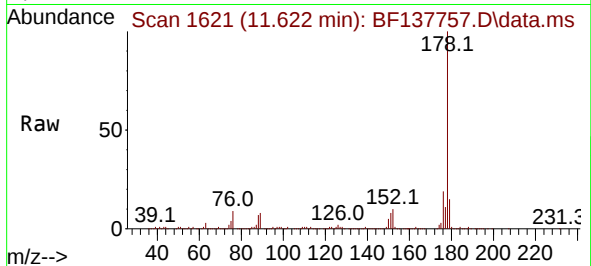




#71
Phenanthrene
Concen: 4.320 ng
RT: 11.622 min Scan# 1621
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

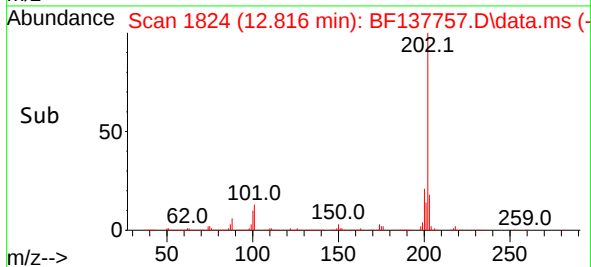
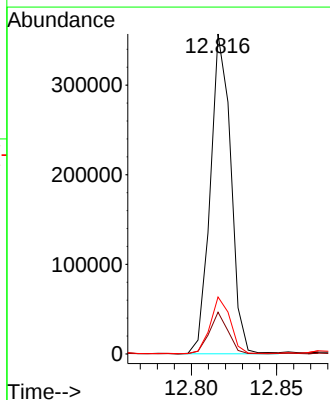
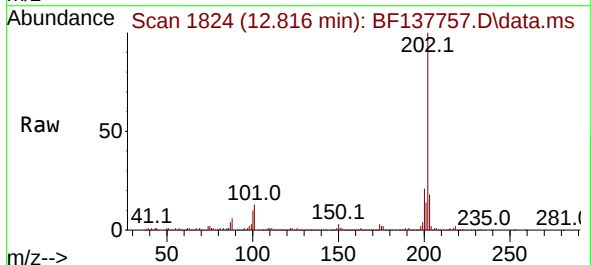
Instrument :
BNA_F
ClientSampleId :

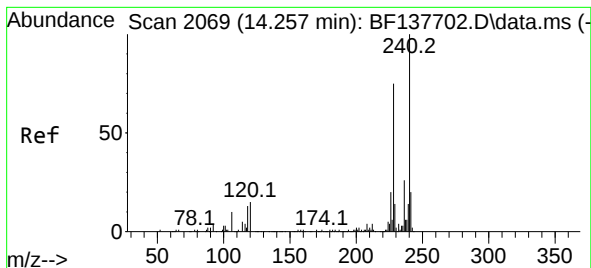
Tgt Ion:178 Resp: 174183
Ion Ratio Lower Upper
178 100
176 19.4 16.4 24.6
179 15.5 12.8 19.2



#75
Fluoranthene
Concen: 7.063 ng
RT: 12.816 min Scan# 1824
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion:202 Resp: 299356
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.2
203 17.8 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :

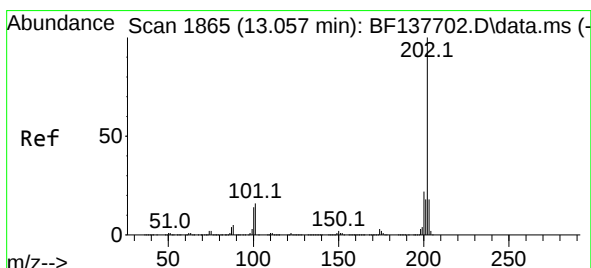
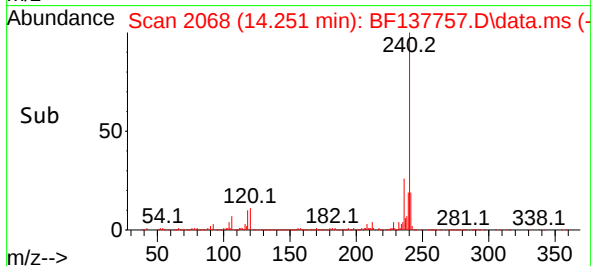
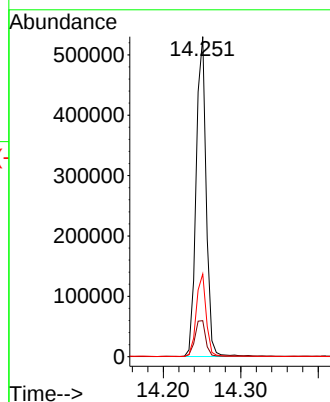
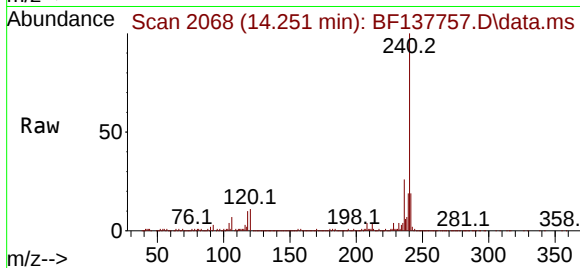
Tgt Ion:240 Resp: 476050

Ion Ratio Lower Upper

240 100

120 11.2 11.9 17.9#

236 25.8 20.8 31.2



#78

Pyrene

Concen: 6.945 ng

RT: 13.051 min Scan# 1864

Delta R.T. -0.006 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

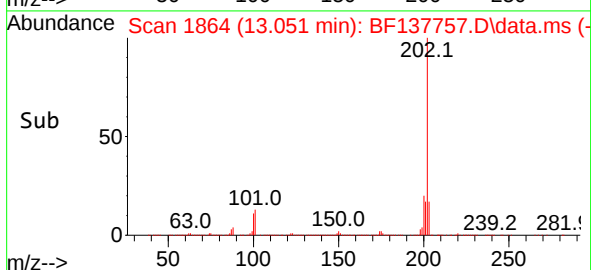
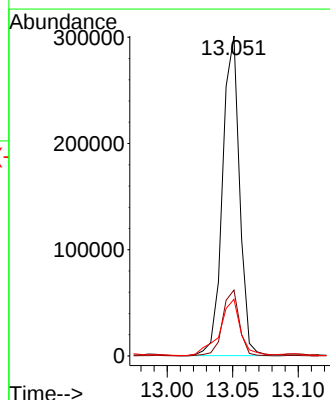
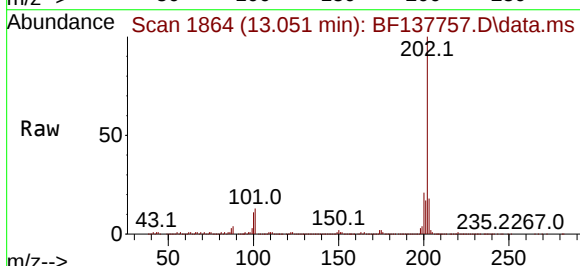
Tgt Ion:202 Resp: 271366

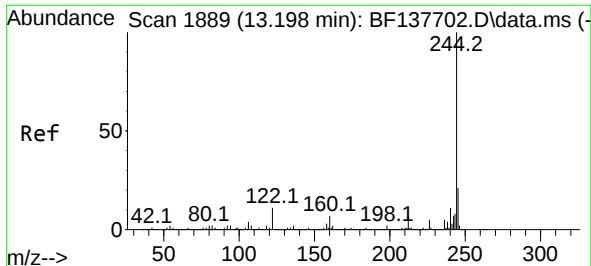
Ion Ratio Lower Upper

202 100

200 20.6 17.8 26.6

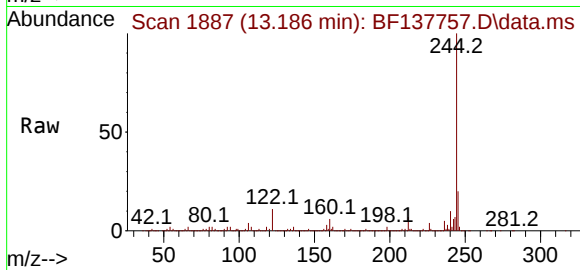
203 17.7 14.6 21.8



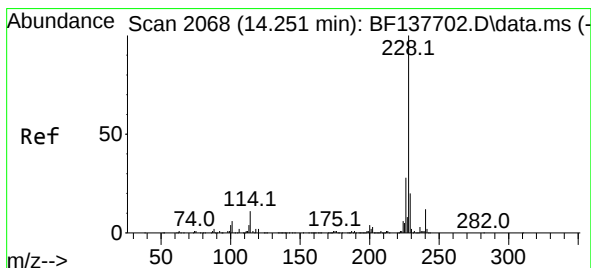
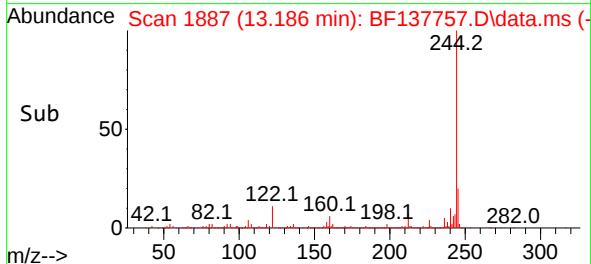
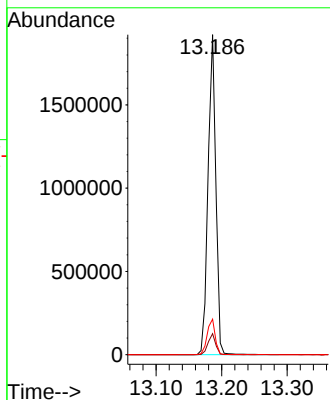


#79
 Terphenyl-d14
 Concen: 53.677 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.012 min
 Lab File: BF137757.D
 Acq: 29 Apr 2024 19:22

Instrument :
 BNA_F
 ClientSampleId :

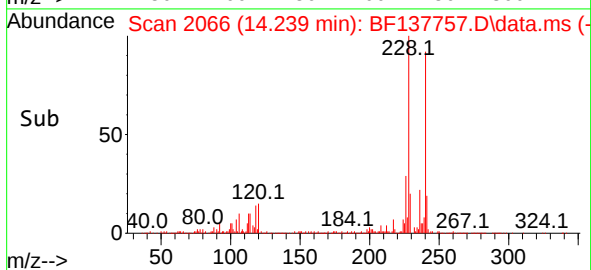
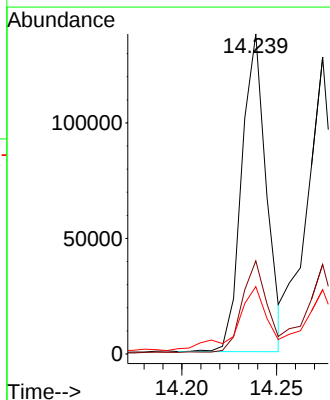
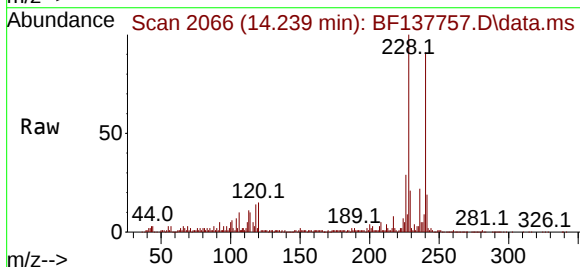


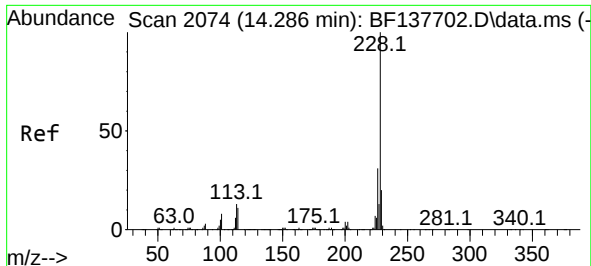
Tgt Ion:244 Resp: 1587577
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.5 8.3
 122 11.1 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 3.743 ng
 RT: 14.239 min Scan# 2066
 Delta R.T. -0.012 min
 Lab File: BF137757.D
 Acq: 29 Apr 2024 19:22

Tgt Ion:228 Resp: 124294
 Ion Ratio Lower Upper
 228 100
 226 29.1 22.7 34.1
 229 21.0 16.0 24.0

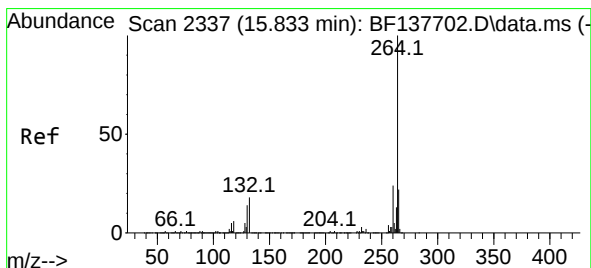
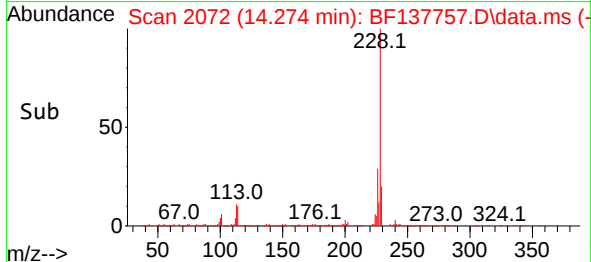
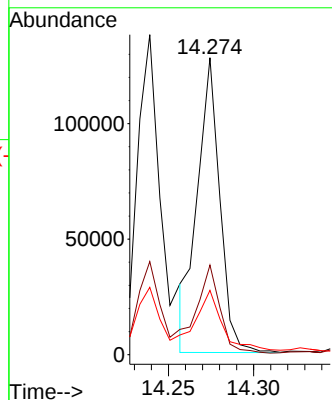
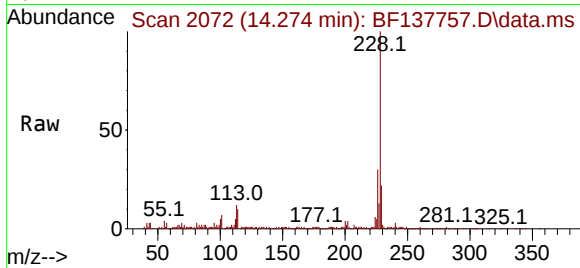




#83
Chrysene
Concen: 3.772 ng
RT: 14.274 min Scan# 2072
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

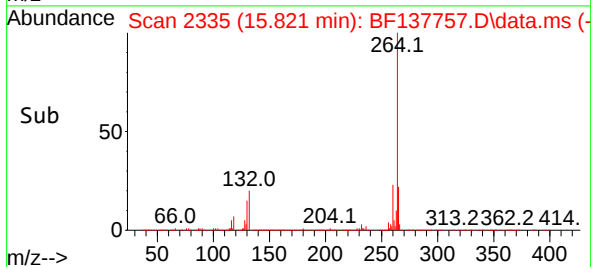
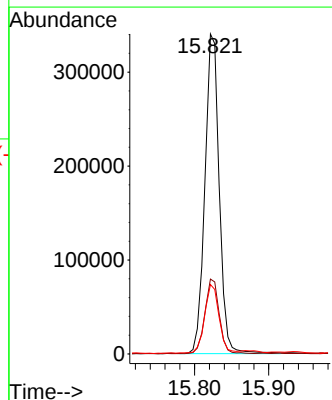
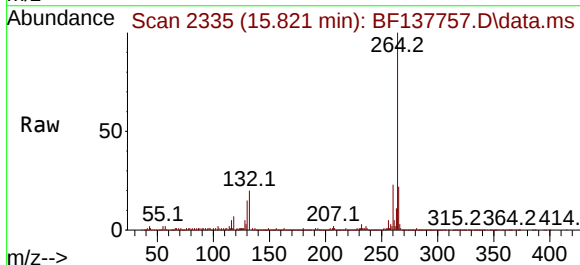
Instrument :
BNA_F
ClientSampleId :

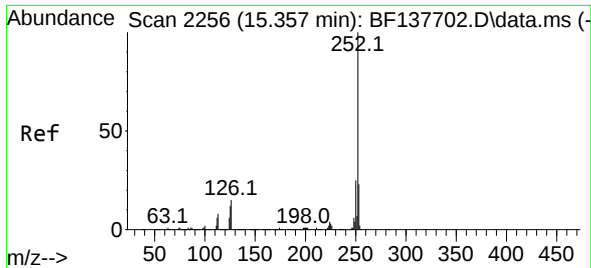
Tgt Ion:228 Resp: 117032
Ion Ratio Lower Upper
228 100
226 30.2 24.7 37.1
229 21.7 16.2 24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.821 min Scan# 2335
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

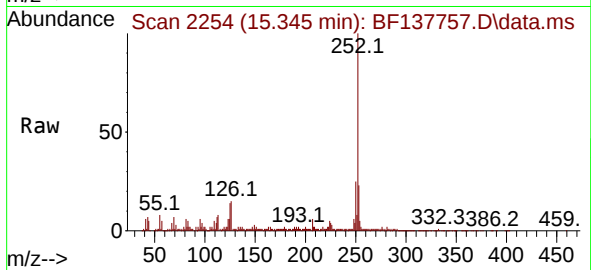
Tgt Ion:264 Resp: 460119
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.2
265 21.7 17.5 26.3



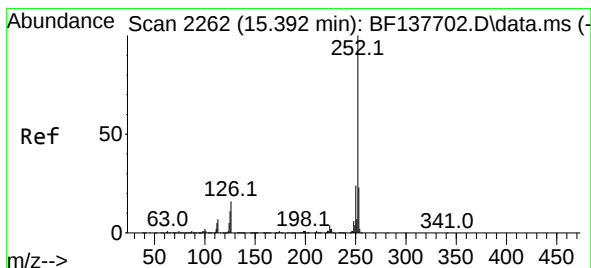
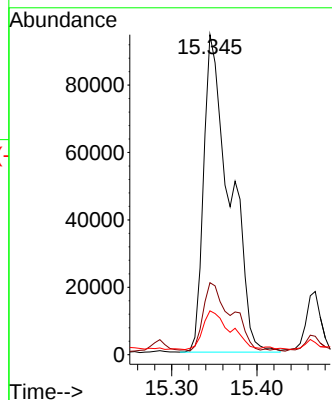
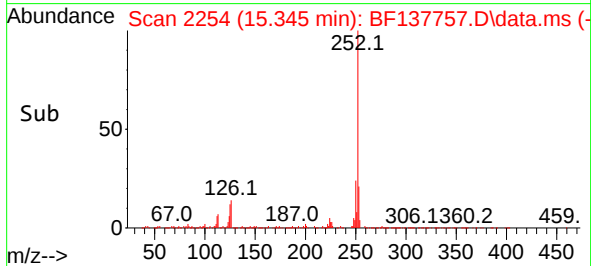


#88
Benzo(b)fluoranthene
Concen: 6.835 ng
RT: 15.345 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Instrument :
BNA_F
ClientSampleId :

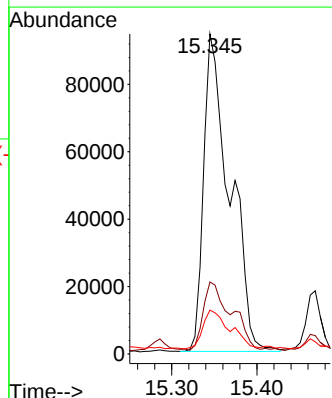
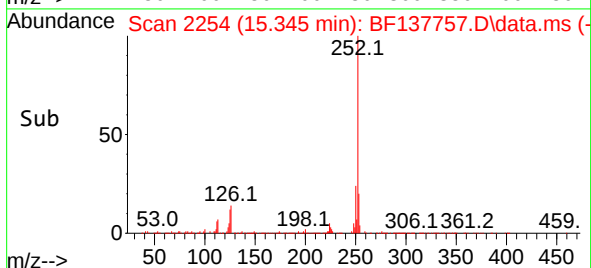
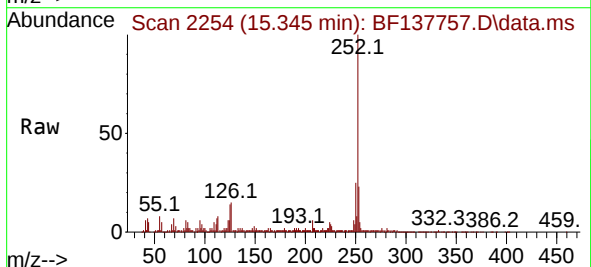


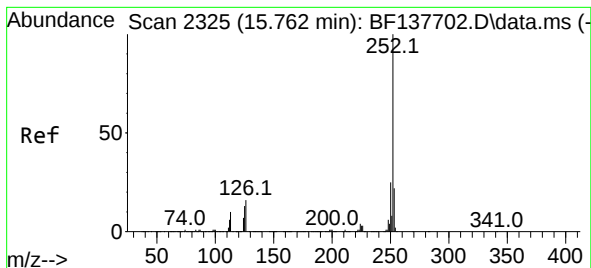
Tgt Ion:252 Resp: 201241
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 13.7 9.2 13.8



#89
Benzo(k)fluoranthene
Concen: 6.953 ng
RT: 15.345 min Scan# 2254
Delta R.T. -0.047 min
Lab File: BF137757.D
Acq: 29 Apr 2024 19:22

Tgt Ion:252 Resp: 201241
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 13.7 9.0 13.6#





#90

Benzo(a)pyrene

Concen: 3.728 ng

RT: 15.751 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Instrument :

BNA_F

ClientSampleId :

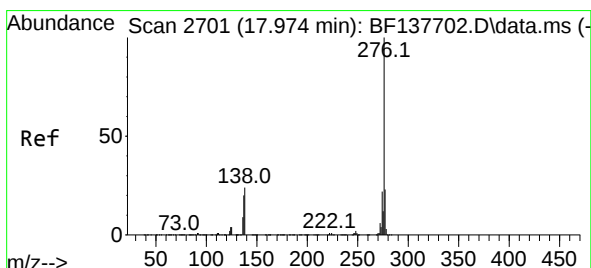
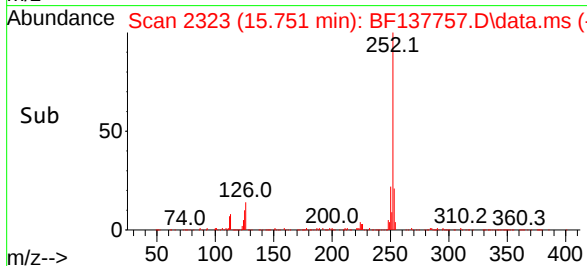
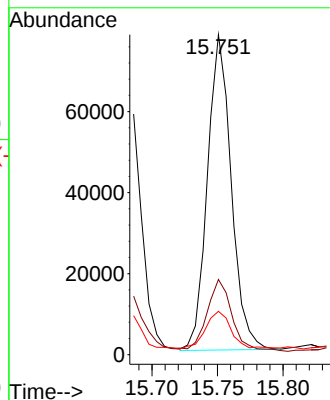
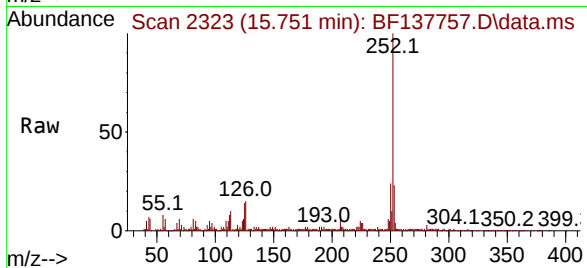
Tgt Ion:252 Resp: 98474

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

125 13.6 10.2 15.2



#92

Benzo(g,h,i)perylene

Concen: 2.363 ng

RT: 17.951 min Scan# 2697

Delta R.T. -0.023 min

Lab File: BF137757.D

Acq: 29 Apr 2024 19:22

Tgt Ion:276 Resp: 48640

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 25.9 19.5 29.3

