

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137790.D
 Acq On : 01 May 2024 14:20
 Operator : CG\JU
 Sample : P2306-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 01 14:44:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

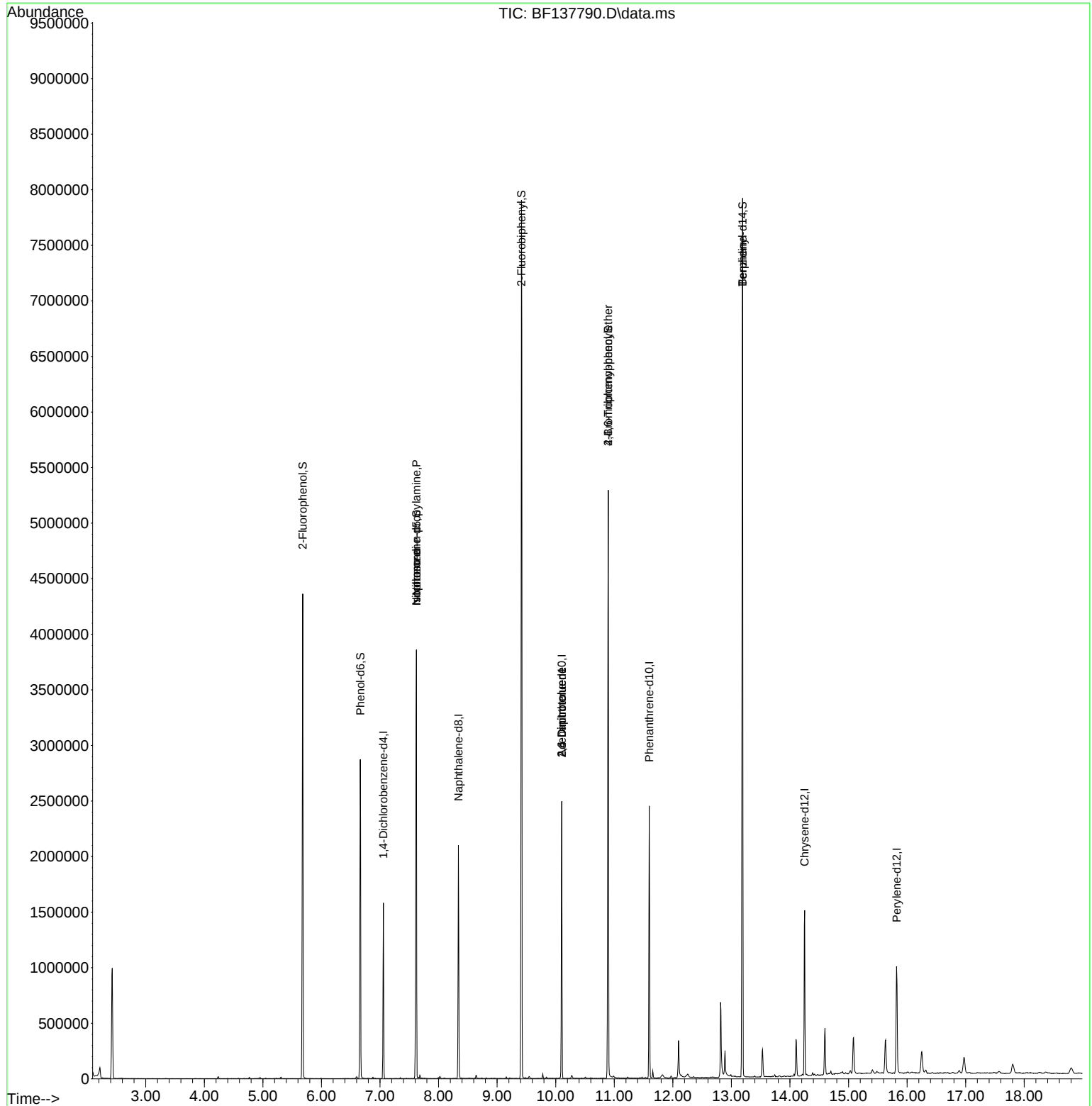
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	214593	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	846965	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	488834	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	826136	20.000	ng	0.00
76) Chrysene-d12	14.251	240	501174	20.000	ng	0.00
86) Perylene-d12	15.821	264	451551	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	1206417	94.127	ng	0.00
7) Phenol-d6	6.663	99	1045942	64.338	ng	-0.01
23) Nitrobenzene-d5	7.622	82	1342897	92.117	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	720761	144.409	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2644148	87.755	ng	0.00
79) Terphenyl-d14	13.192	244	2942196	98.383	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.622	70	179876	18.514	ng	# 76
25) Isophorone	7.622	82	1342865	51.090	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	62417	8.850	ng	# 27
57) 2,4-Dinitrotoluene	10.104	165	62417	6.775	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	45698	5.169	ng	# 1
77) Benzidine	13.192	184	34419	2.969	ng	# 93

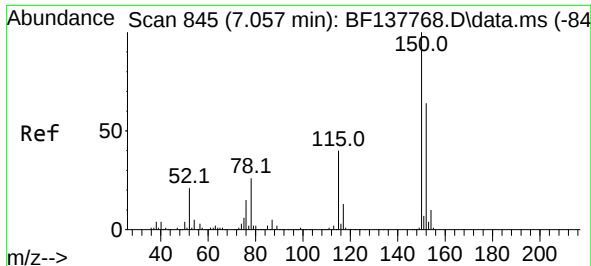
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137790.D
Acq On : 01 May 2024 14:20
Operator : CG\JU
Sample : P2306-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

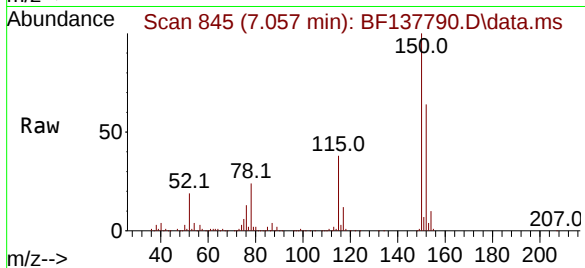
Quant Time: May 01 14:44:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



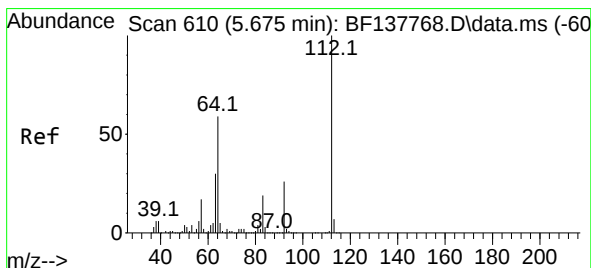
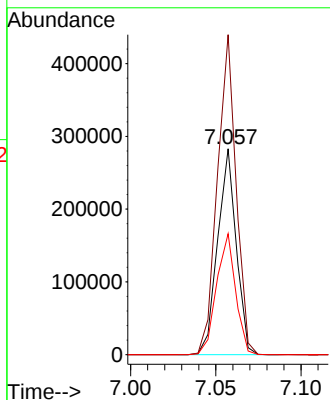
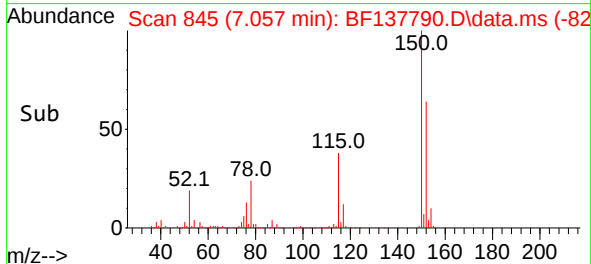


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

Instrument :
BNA_F
ClientSampleId :

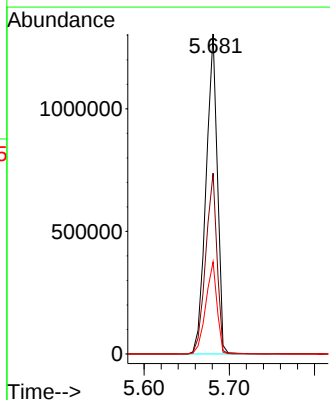
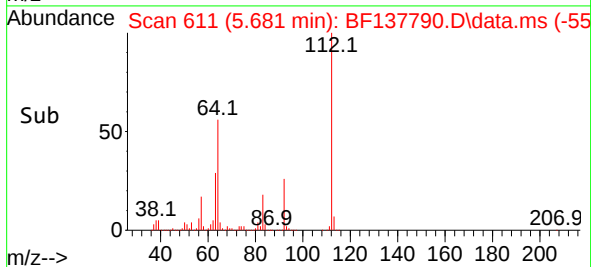
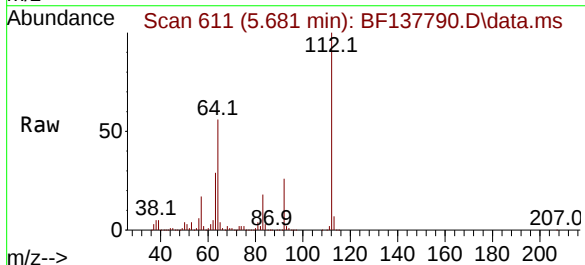


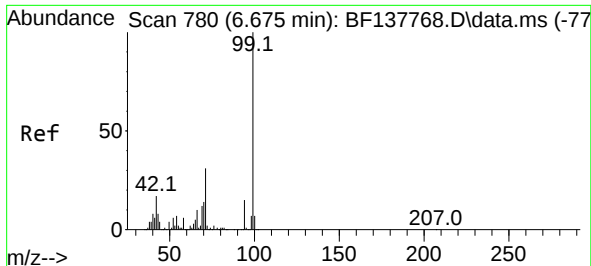
Tgt Ion:152 Resp: 214593
Ion Ratio Lower Upper
152 100
150 155.3 124.1 186.1
115 58.7 49.1 73.7



#5
2-Fluorophenol
Concen: 94.127 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

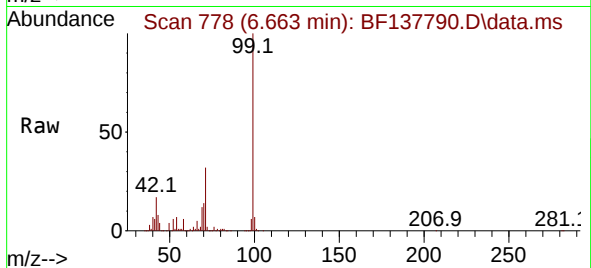
Tgt Ion:112 Resp: 1206417
Ion Ratio Lower Upper
112 100
64 56.5 47.3 70.9
63 28.8 23.7 35.5



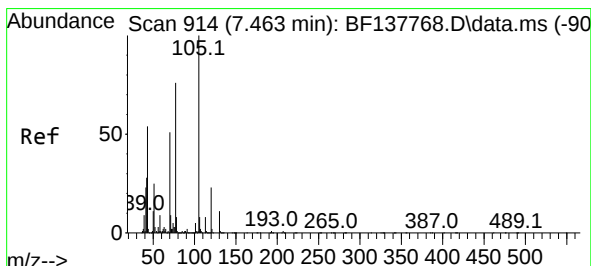
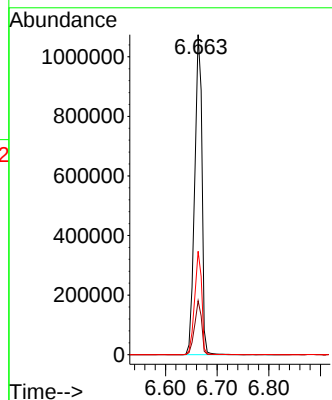
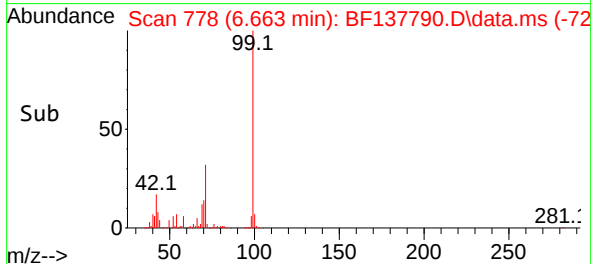


#7
Phenol-d6
Concen: 64.338 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

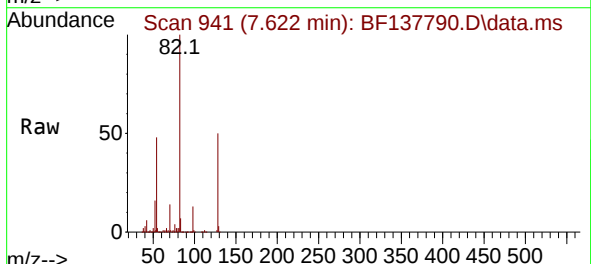
Instrument :
BNA_F
ClientSampleId :



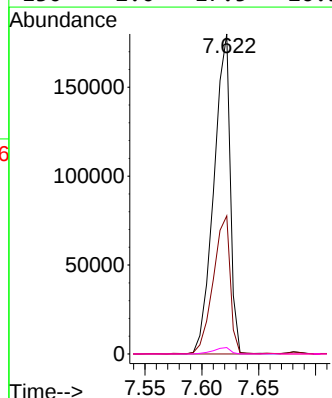
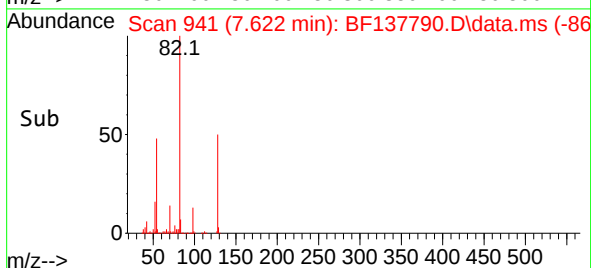
Tgt Ion: 99 Resp: 1045942
Ion Ratio Lower Upper
99 100
42 16.9 13.2 19.8
71 32.3 25.0 37.4

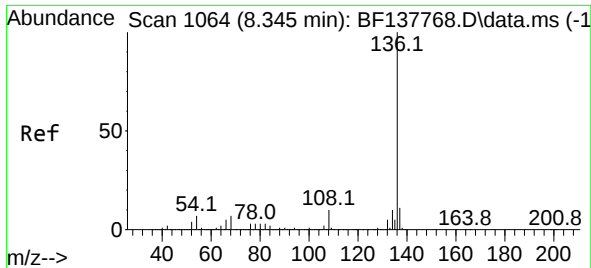


#19
n-Nitroso-di-n-propylamine
Concen: 18.514 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.159 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20



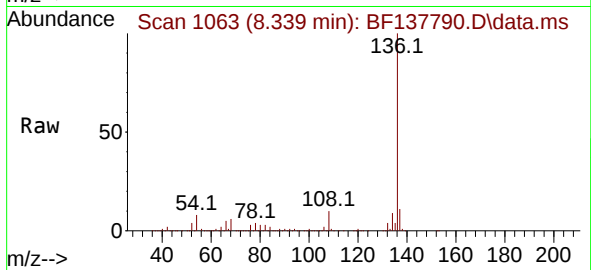
Tgt Ion: 70 Resp: 179876
Ion Ratio Lower Upper
70 100
42 43.2 44.6 66.8#
101 0.0 7.8 11.6#
130 2.0 17.5 26.3#



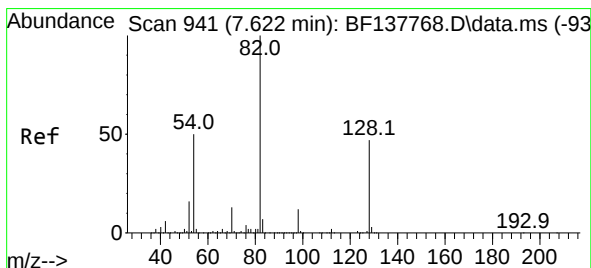
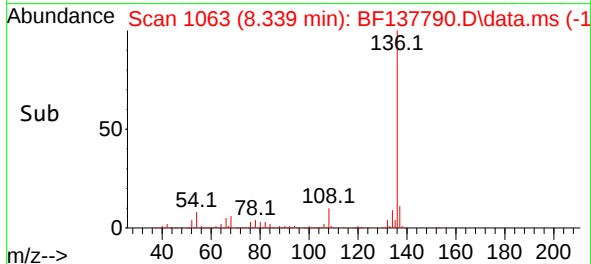
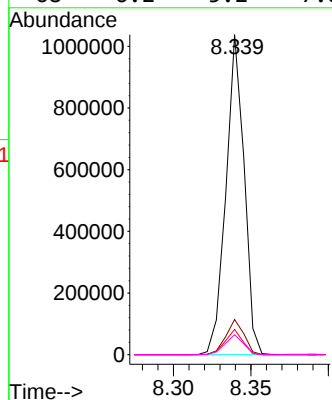


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

Instrument :
BNA_F
ClientSampleId :

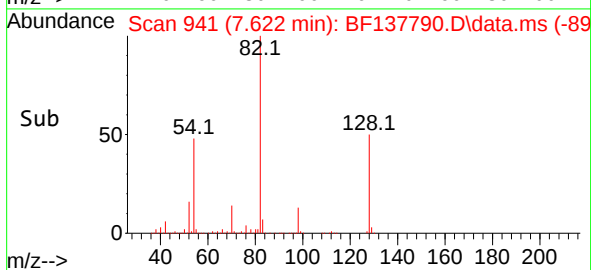
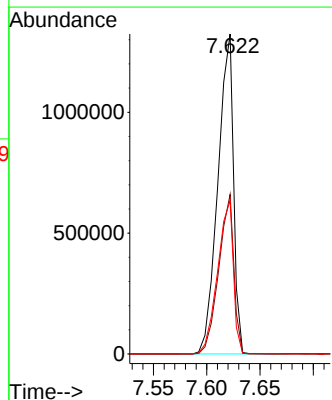
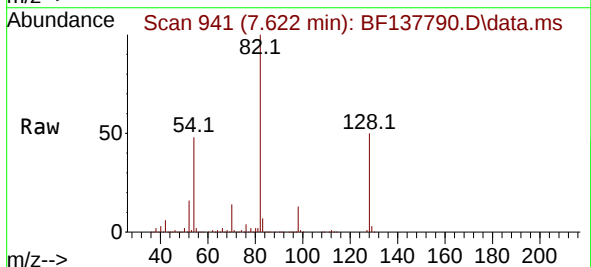


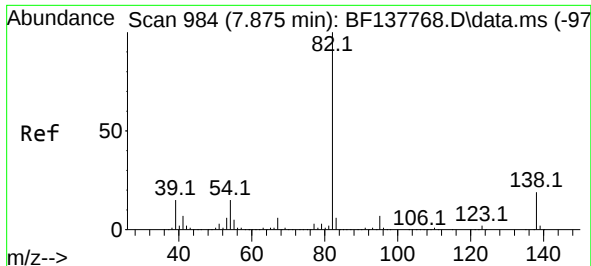
Tgt Ion:136 Resp: 846965
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.9 5.8 8.8
68 6.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 92.117 ng
RT: 7.622 min Scan# 941
Delta R.T. 0.000 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

Tgt Ion: 82 Resp: 1342897
Ion Ratio Lower Upper
82 100
128 49.8 37.5 56.3
54 48.0 39.8 59.6

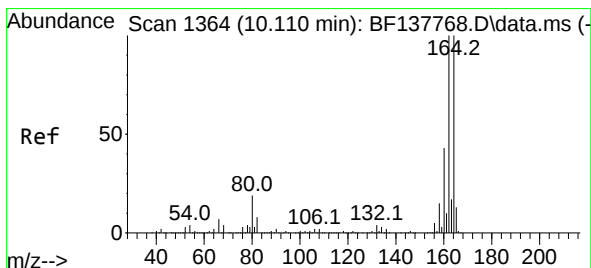
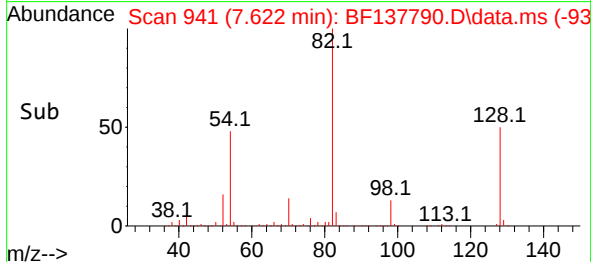
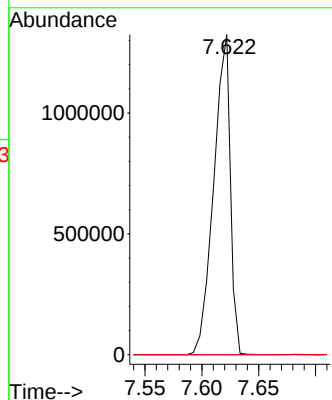
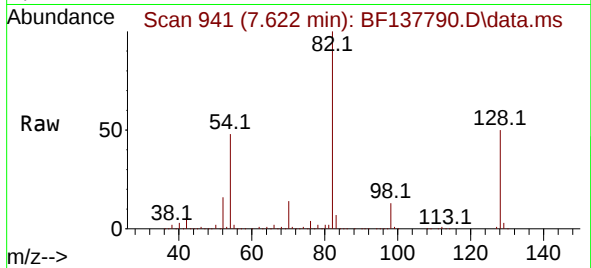




#25
Isophorone
Concen: 51.090 ng
RT: 7.622 min Scan# 941
Delta R.T. -0.253 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

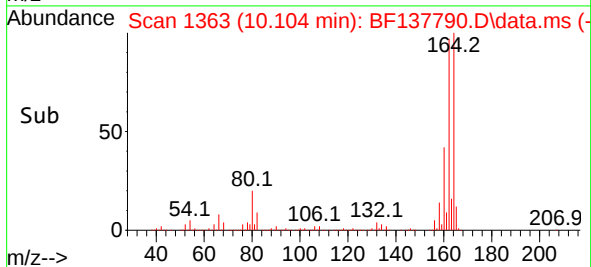
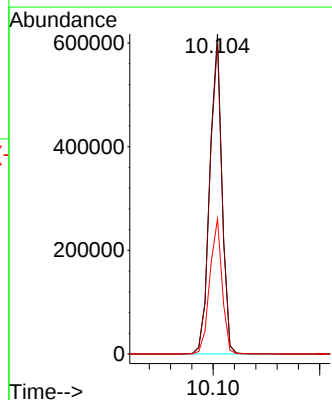
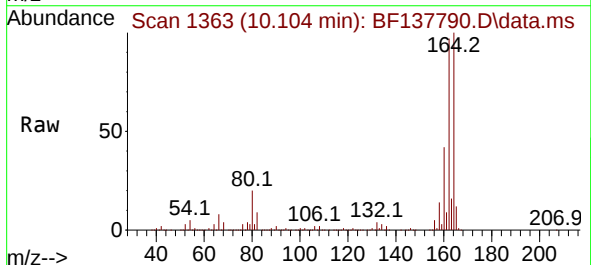
Instrument :
BNA_F
ClientSampleId :

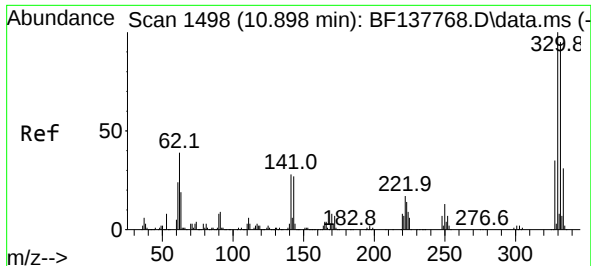
Tgt Ion: 82 Resp: 1342865
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

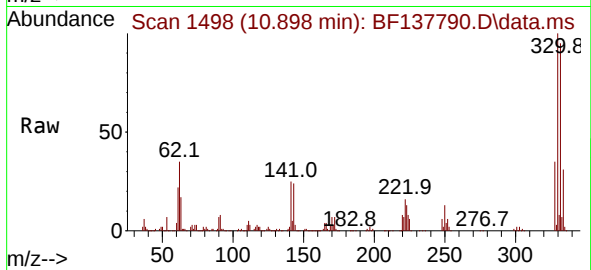
Tgt Ion:164 Resp: 488834
Ion Ratio Lower Upper
164 100
162 97.4 79.8 119.6
160 42.2 34.4 51.6



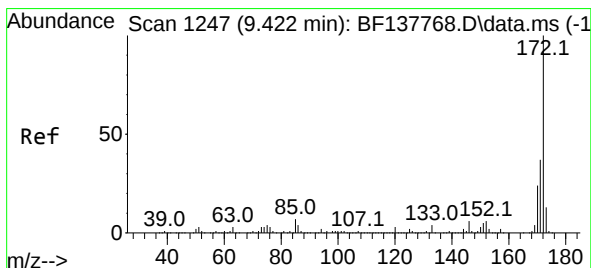
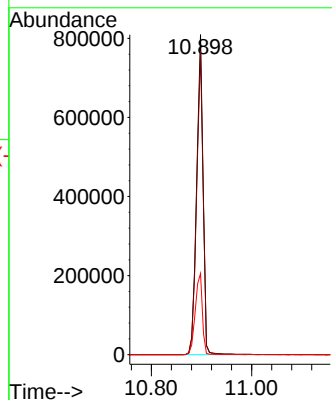
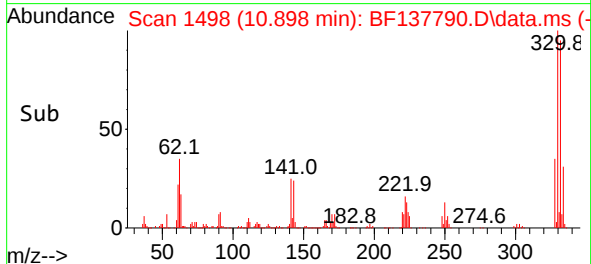


#42
2,4,6-Tribromophenol
Concen: 144.409 ng
RT: 10.898 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

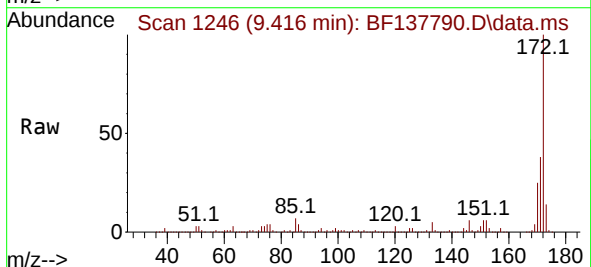
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BNA_F
ClientSampleId :



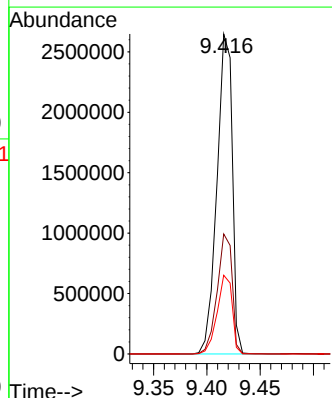
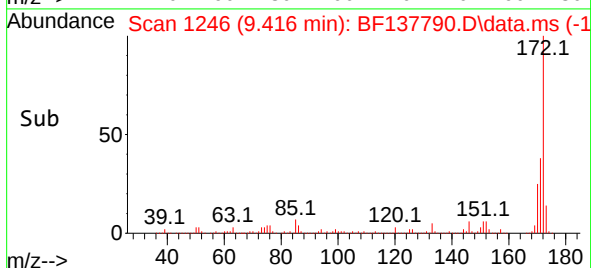
Tgt Ion:330 Resp: 720761
Ion Ratio Lower Upper
330 100
332 95.5 77.3 115.9
141 27.8 23.8 35.6

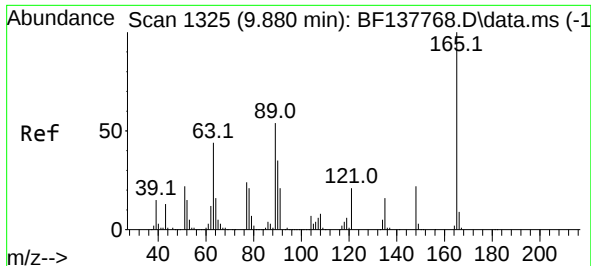


#45
2-Fluorobiphenyl
Concen: 87.755 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20



Tgt Ion:172 Resp: 2644148
Ion Ratio Lower Upper
172 100
171 37.5 29.6 44.4
170 24.6 19.4 29.2

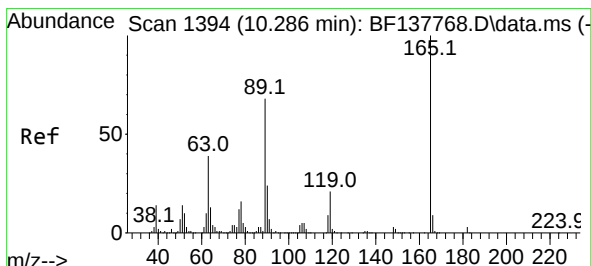
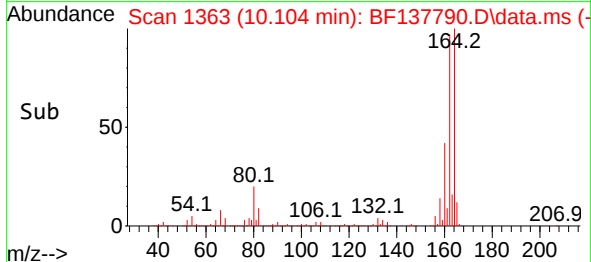
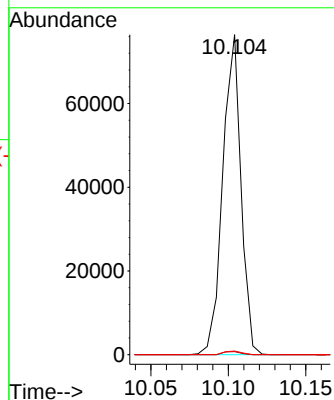
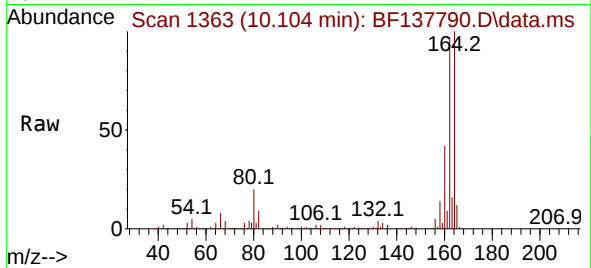




#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.224 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

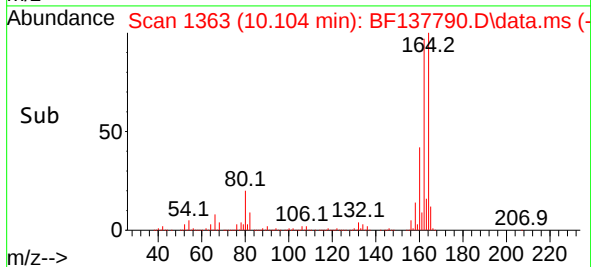
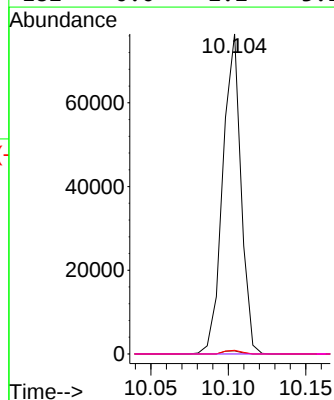
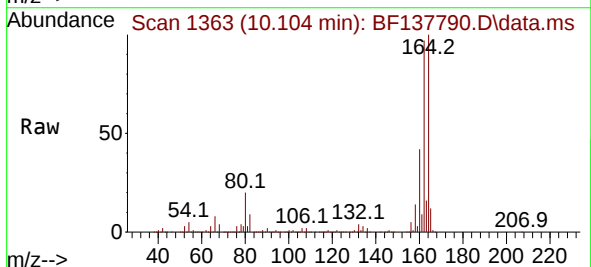
Instrument :
BNA_F
ClientSampleId :

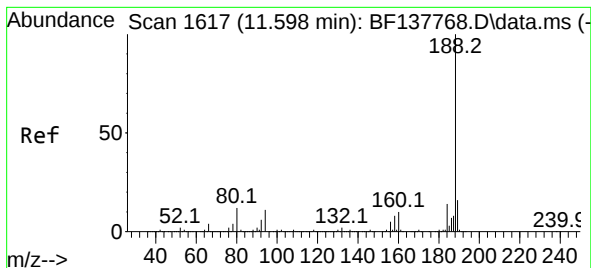
Tgt Ion:165 Resp: 62417
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.1 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.775 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137790.D
Acq: 01 May 2024 14:20

Tgt Ion:165 Resp: 62417
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.1 54.2 81.4#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. 0.000 min

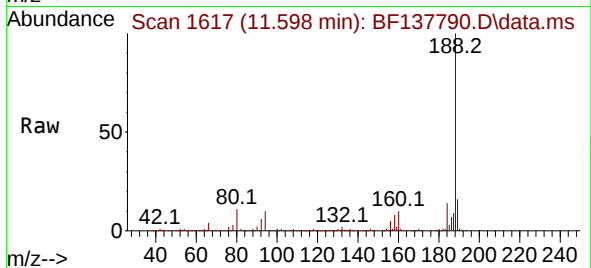
Lab File: BF137790.D

Acq: 01 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :



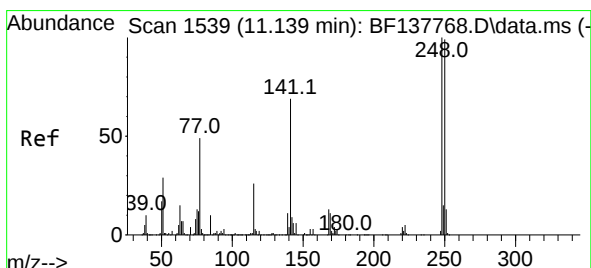
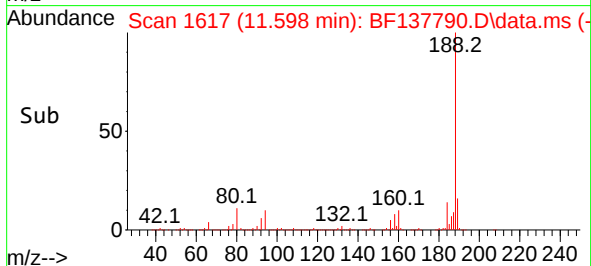
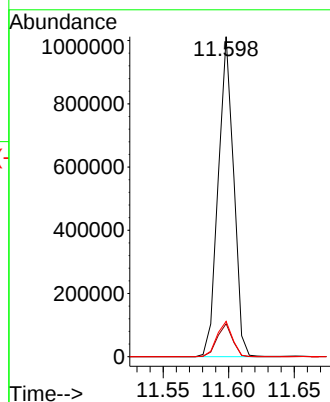
Tgt Ion:188 Resp: 826136

Ion Ratio Lower Upper

188 100

94 10.3 8.8 13.2

80 11.1 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.169 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137790.D

Acq: 01 May 2024 14:20

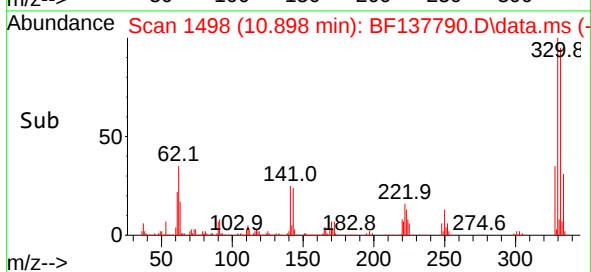
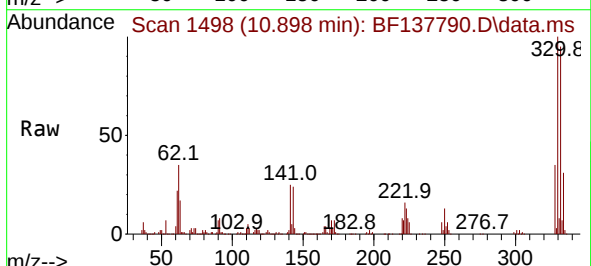
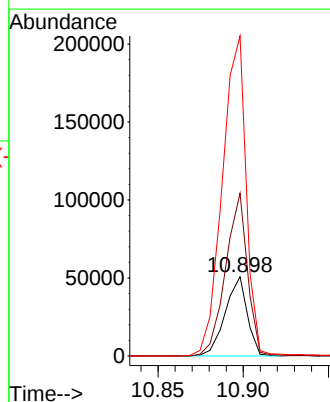
Tgt Ion:248 Resp: 45698

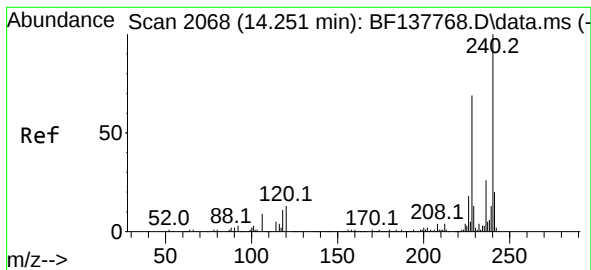
Ion Ratio Lower Upper

248 100

250 205.2 79.1 118.7#

141 403.7 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.251 min Scan# 2068

Delta R.T. 0.000 min

Lab File: BF137790.D

Acq: 01 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :

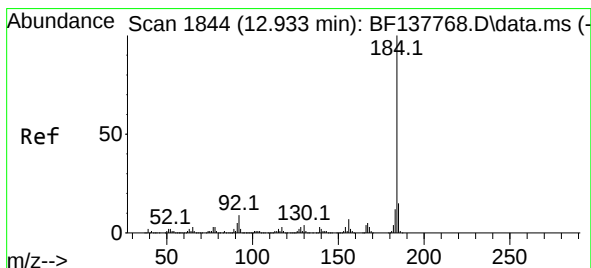
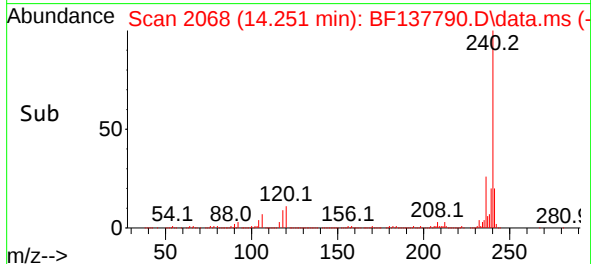
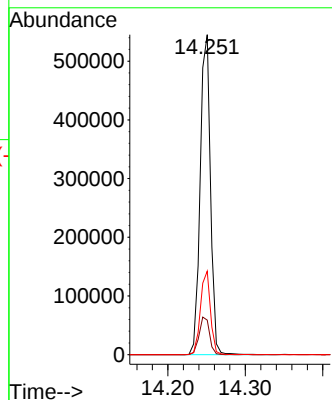
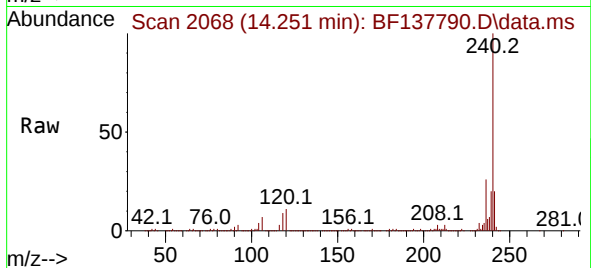
Tgt Ion:240 Resp: 501174

Ion Ratio Lower Upper

240 100

120 10.8 10.4 15.6

236 26.1 20.4 30.6



#77

Benzidine

Concen: 2.969 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.259 min

Lab File: BF137790.D

Acq: 01 May 2024 14:20

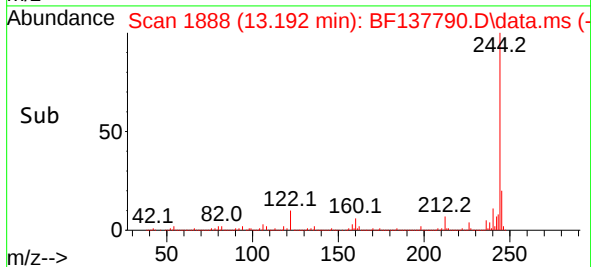
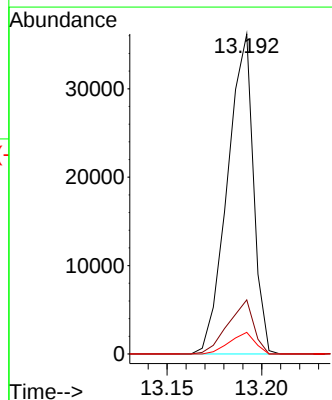
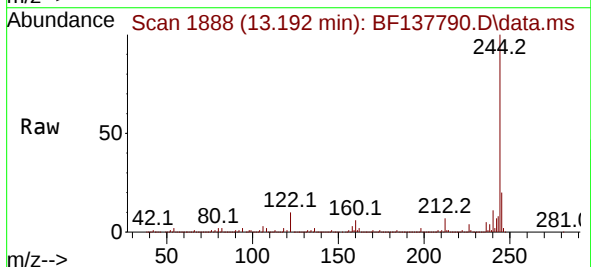
Tgt Ion:184 Resp: 34419

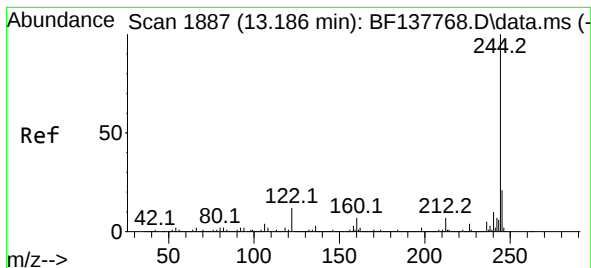
Ion Ratio Lower Upper

184 100

185 16.9 12.3 18.5

183 6.8 9.2 13.8#





#79

Terphenyl-d14

Concen: 98.383 ng

RT: 13.192 min Scan# 1888

Delta R.T. 0.006 min

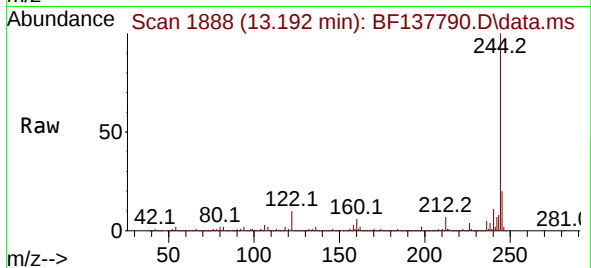
Lab File: BF137790.D

Acq: 01 May 2024 14:20

Instrument :

BNA_F

ClientSampleId :



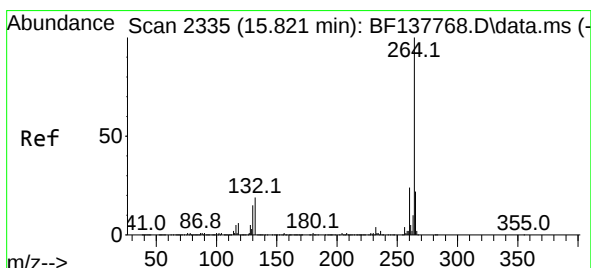
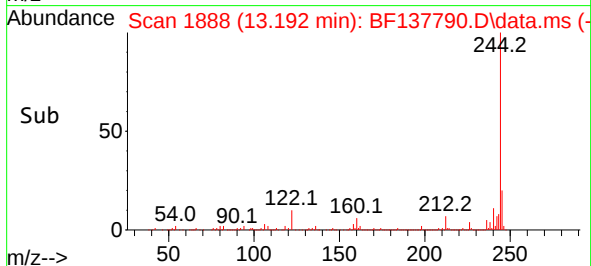
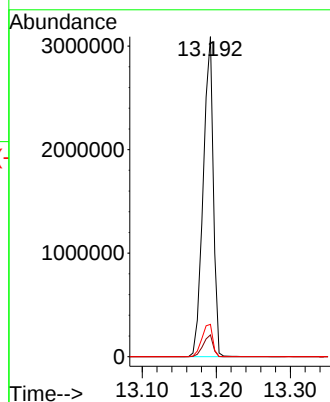
Tgt Ion:244 Resp: 2942196

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.1 9.4 14.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.821 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BF137790.D

Acq: 01 May 2024 14:20

Tgt Ion:264 Resp: 451551

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

265 21.5 17.4 26.0

