

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
 Data File : BF137812.D
 Acq On : 02 May 2024 13:14
 Operator : CG\JU
 Sample : P2323-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 13:46:08 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)

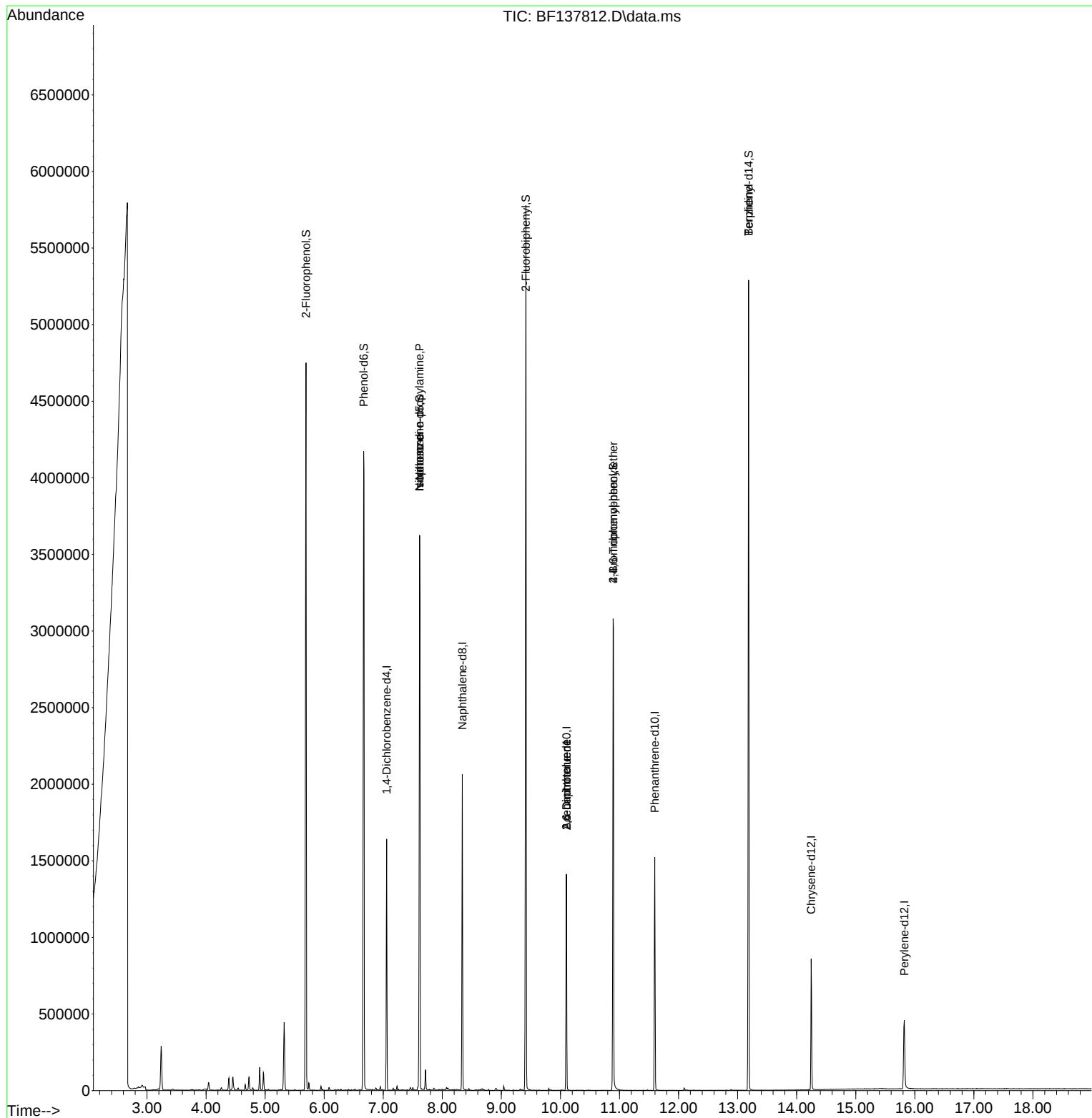
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	221660	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	831495	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	327530	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	528481	20.000	ng	0.00
76) Chrysene-d12	14.245	240	274784	20.000	ng	0.00
86) Perylene-d12	15.821	264	246205	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	1449676	109.500	ng	0.02
7) Phenol-d6	6.669	99	1816144	108.152	ng	0.00
23) Nitrobenzene-d5	7.616	82	1269950	88.734	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	450668	134.763	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1814229	89.865	ng	0.00
79) Terphenyl-d14	13.186	244	1839590	112.193	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.616	70	170187	16.959	ng	Qvalue 78
25) Isophorone	7.616	82	1269937	49.214	ng	# 64
51) 2,6-Dinitrotoluene	10.104	165	41658	8.816	ng	# 26
57) 2,4-Dinitrotoluene	10.104	165	41659	6.748	ng	# 26
67) 4-Bromophenyl-phenylether	10.898	248	29969	5.299	ng	# 1
77) Benzidine	13.186	184	21879	3.443	ng	# 94

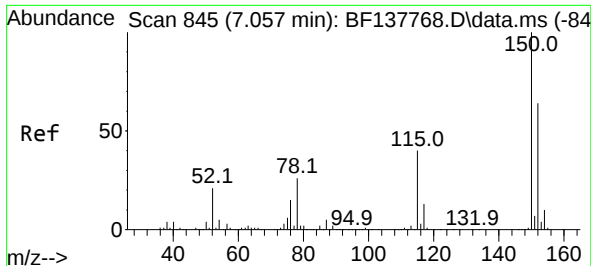
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137812.D
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Operator : CG\JU
Sample : P2323-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
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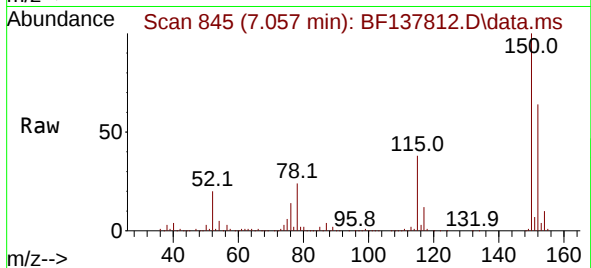
Quant Time: May 02 13:46:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



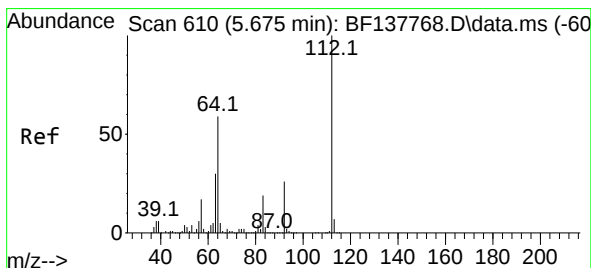
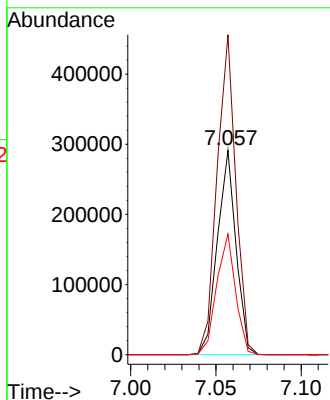
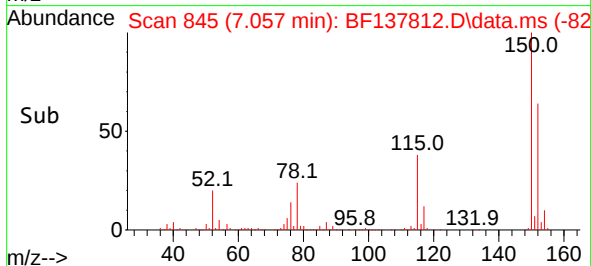


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Instrument :
BNA_F
ClientSampleId :

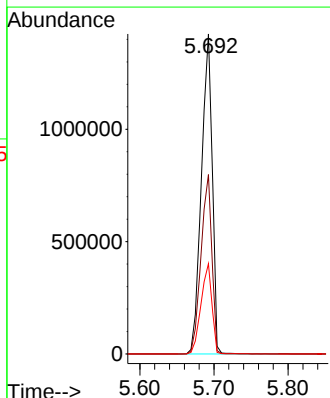
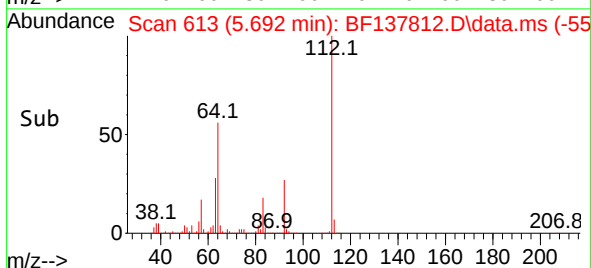
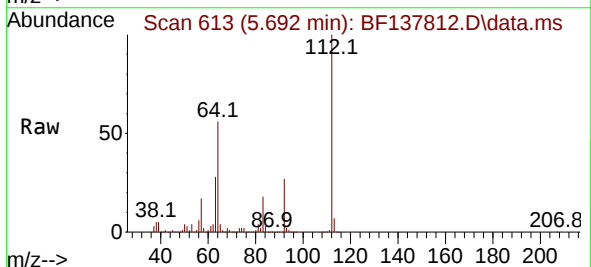


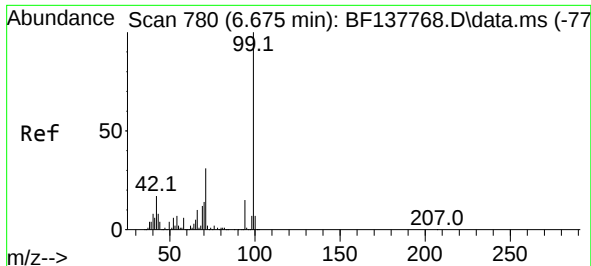
Tgt Ion:152 Resp: 221660
Ion Ratio Lower Upper
152 100
150 156.6 124.1 186.1
115 59.0 49.1 73.7



#5
2-Fluorophenol
Concen: 109.500 ng
RT: 5.692 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

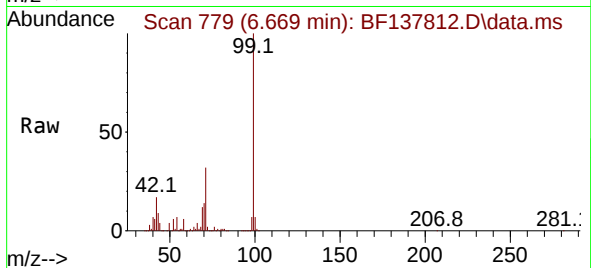
Tgt Ion:112 Resp: 1449676
Ion Ratio Lower Upper
112 100
64 56.0 47.3 70.9
63 28.2 23.7 35.5





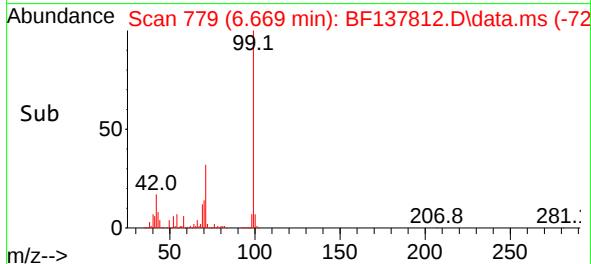
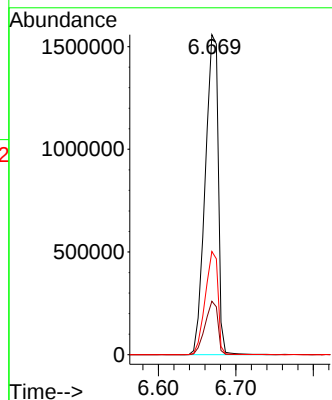
#7
Phenol-d6
Concen: 108.152 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1816144

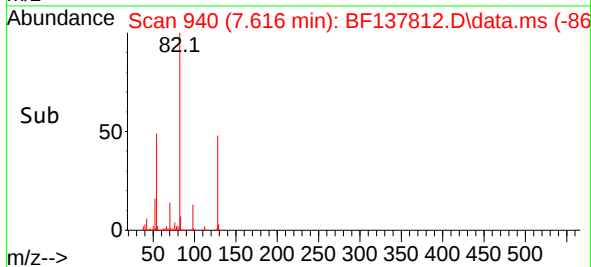
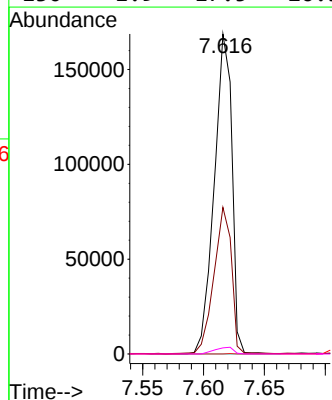
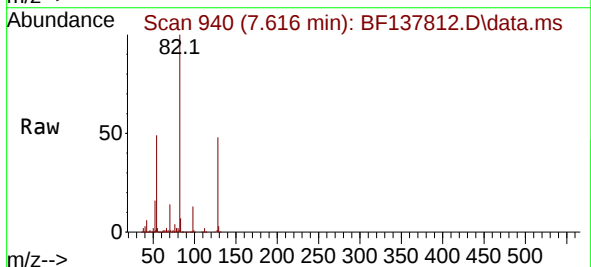
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.2	19.8
71	32.3	25.0	37.4

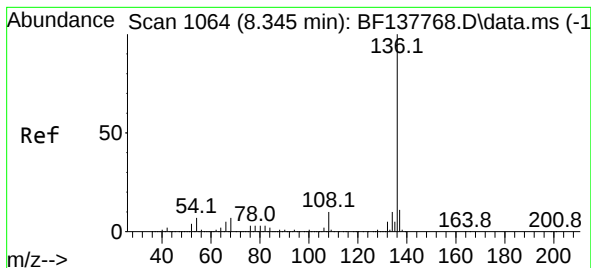


#19
n-Nitroso-di-n-propylamine
Concen: 16.959 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Tgt Ion: 70 Resp: 170187

Ion	Ratio	Lower	Upper
70	100		
42	45.8	44.6	66.8
101	0.0	7.8	11.6#
130	1.9	17.5	26.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1

Delta R.T. -0.006 min

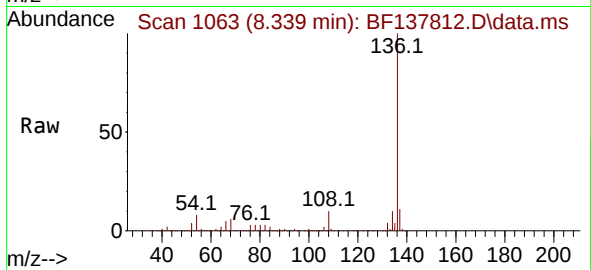
Lab File: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 831495

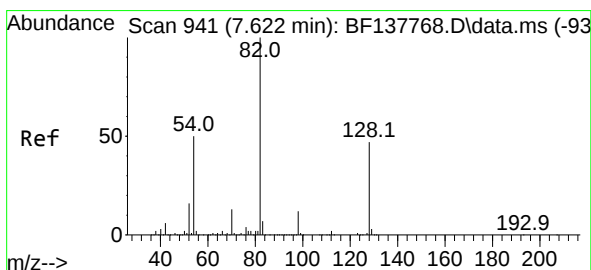
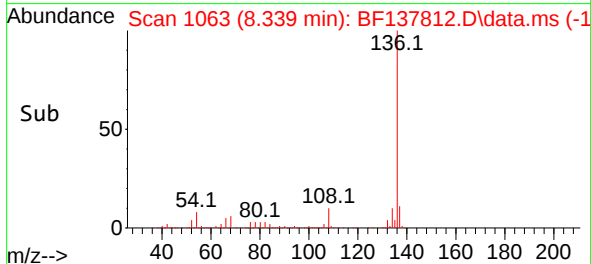
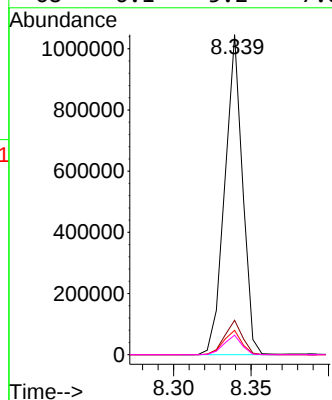
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.6 5.8 8.8

68 6.1 5.2 7.8



#23

Nitrobenzene-d5

Concen: 88.734 ng

RT: 7.616 min Scan# 940

Delta R.T. -0.006 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

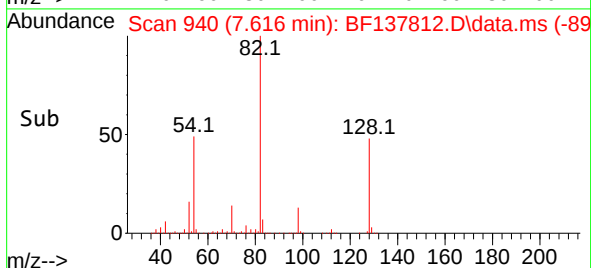
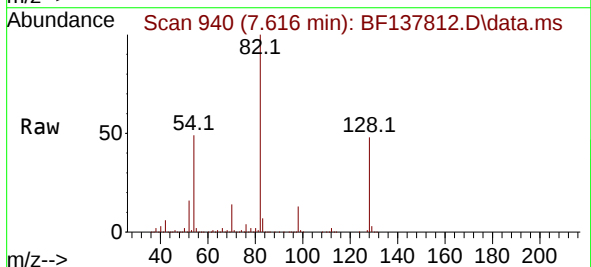
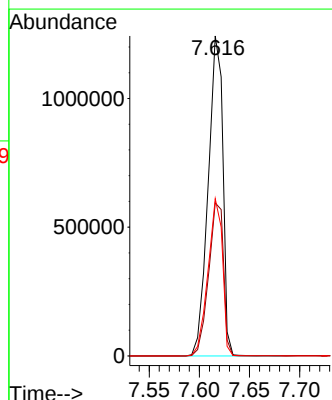
Tgt Ion: 82 Resp: 1269950

Ion Ratio Lower Upper

82 100

128 47.8 37.5 56.3

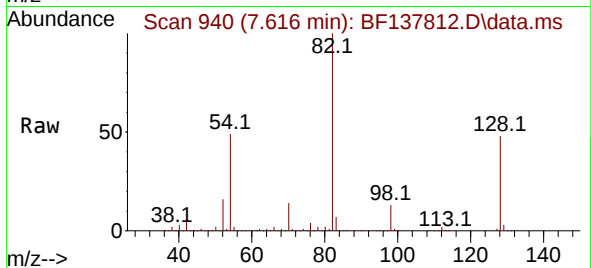
54 49.2 39.8 59.6



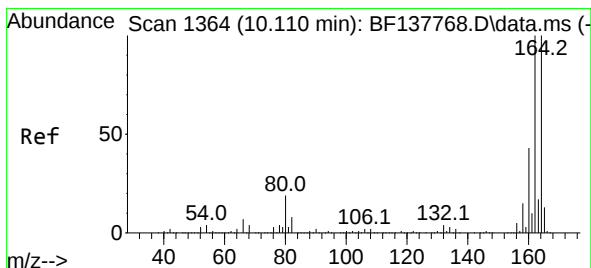
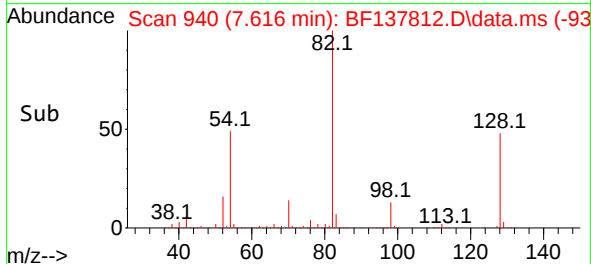
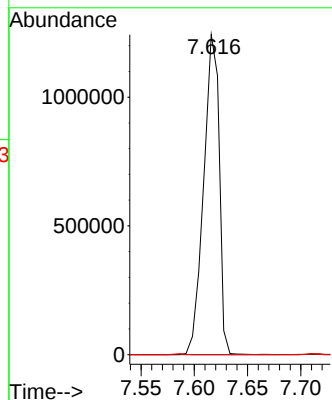


#25
Isophorone
Concen: 49.214 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Instrument :
BNA_F
ClientSampleId :

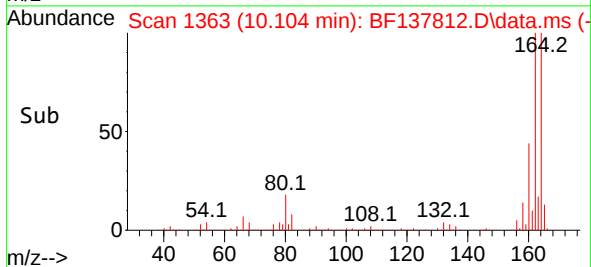
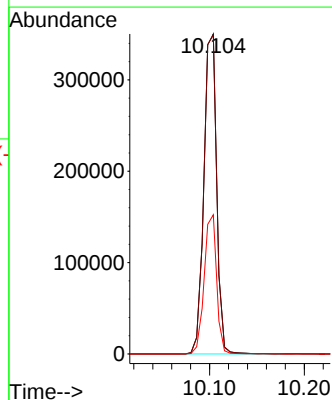
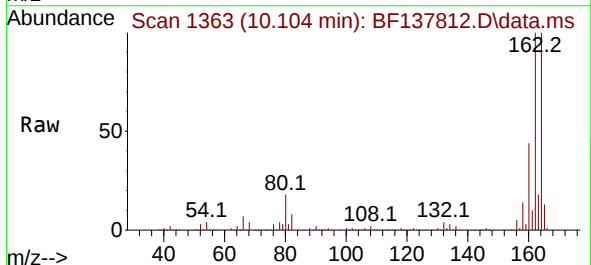


Tgt Ion: 82 Resp: 1269937
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

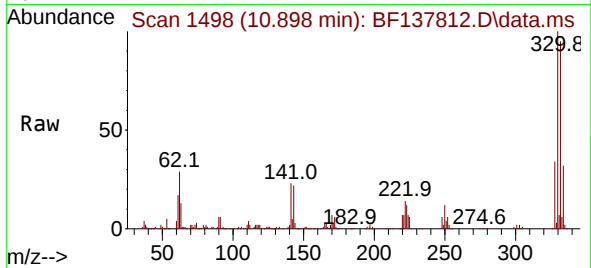
Tgt Ion:164 Resp: 327530
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.6
160 43.5 34.4 51.6



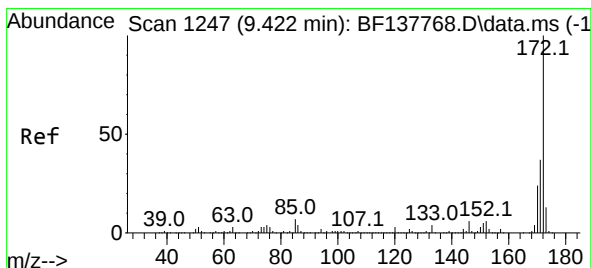
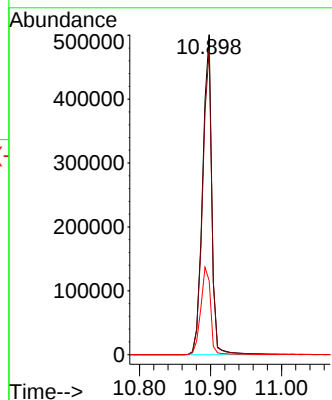
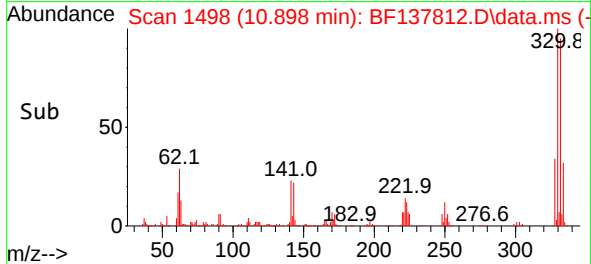


#42
 2,4,6-Tribromophenol
 Concen: 134.763 ng
 RT: 10.898 min Scan# 1498
 Delta R.T. -0.000 min
 Lab File: BF137812.D
 Acq: 02 May 2024 13:14

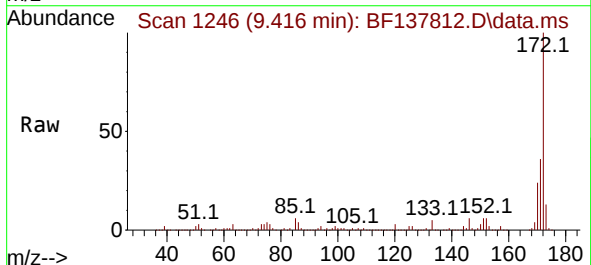
Instrument :
 BNA_F
 ClientSampleId :



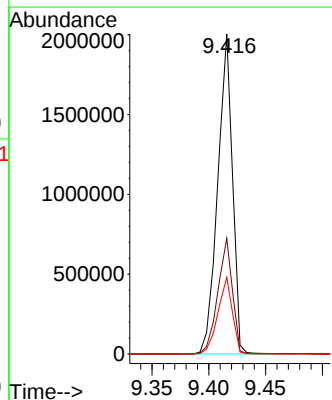
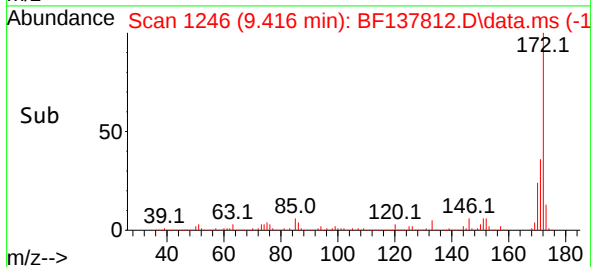
Tgt Ion:330 Resp: 450668
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 29.4 23.8 35.6

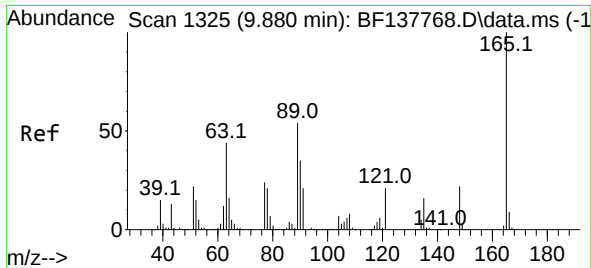


#45
 2-Fluorobiphenyl
 Concen: 89.865 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137812.D
 Acq: 02 May 2024 13:14



Tgt Ion:172 Resp: 1814229
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 24.0 19.4 29.2

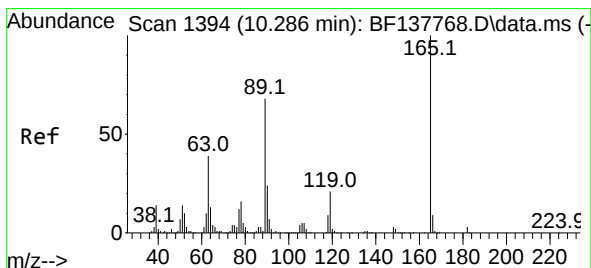
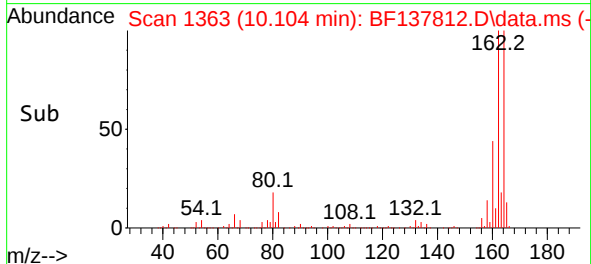
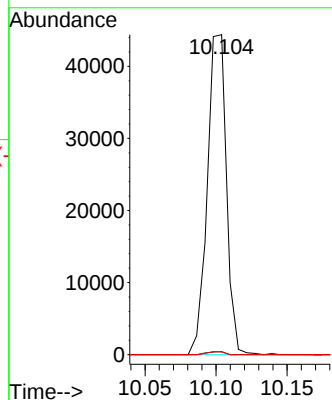
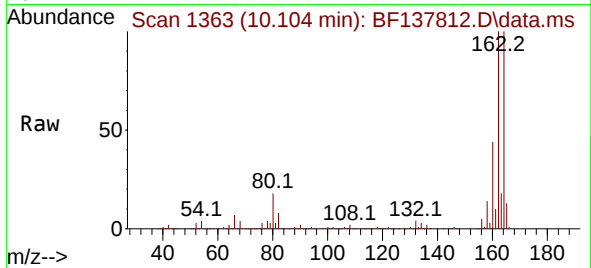




#51
2,6-Dinitrotoluene
Concen: 8.816 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.223 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

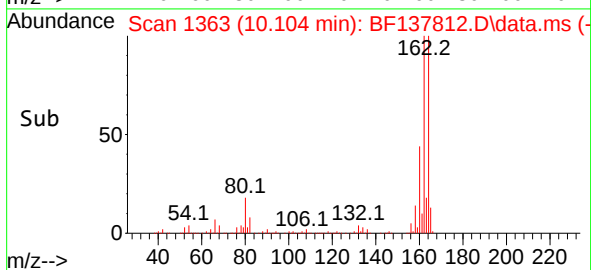
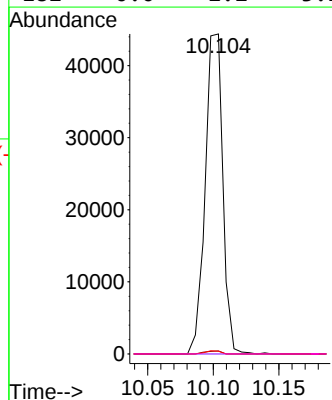
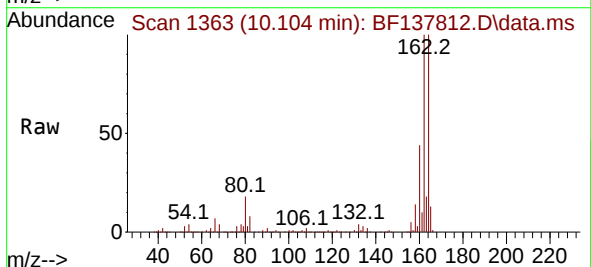
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BNA_F
ClientSampleId :

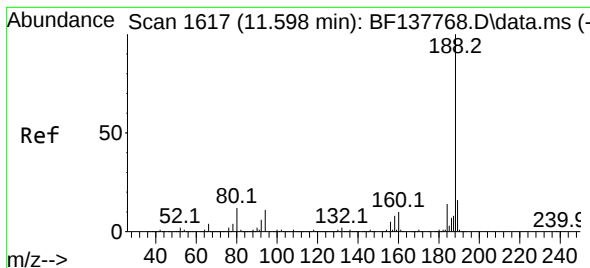
Tgt Ion:165 Resp: 41658
Ion Ratio Lower Upper
165 100
63 0.9 41.9 62.9#
89 0.9 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.748 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.182 min
Lab File: BF137812.D
Acq: 02 May 2024 13:14

Tgt Ion:165 Resp: 41659
Ion Ratio Lower Upper
165 100
63 0.9 31.3 46.9#
89 0.9 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: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :

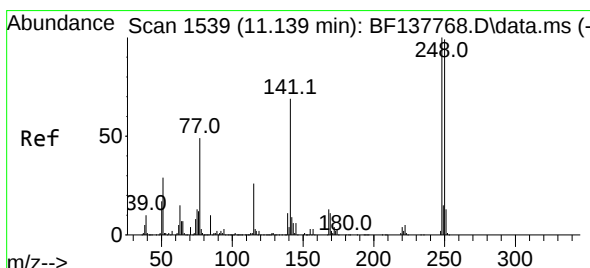
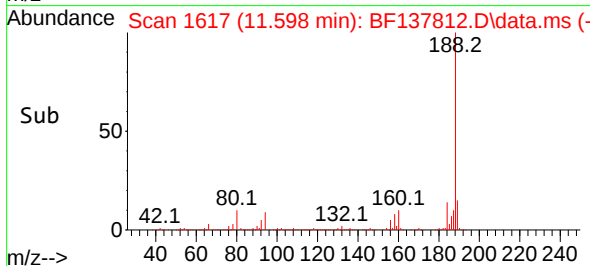
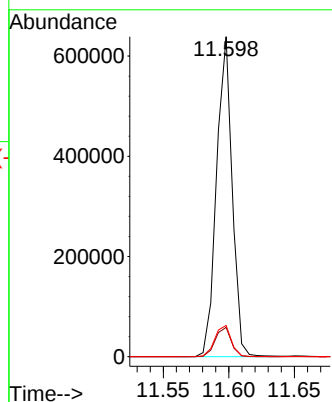
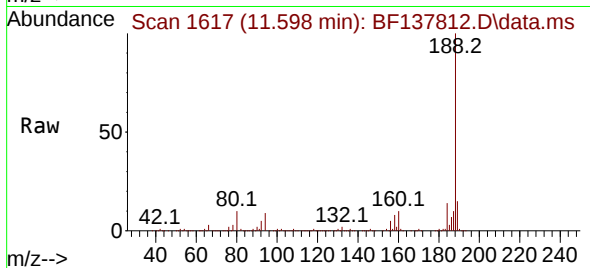
Tgt Ion:188 Resp: 528481

Ion Ratio Lower Upper

188 100

94 9.2 8.8 13.2

80 9.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.241 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

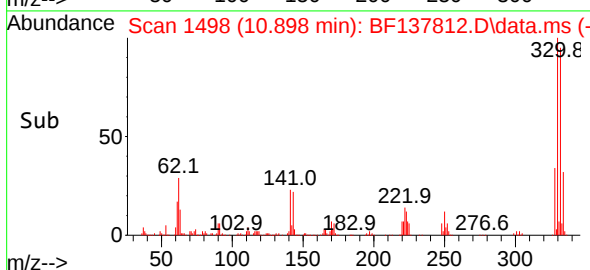
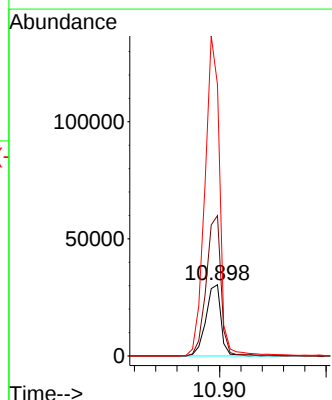
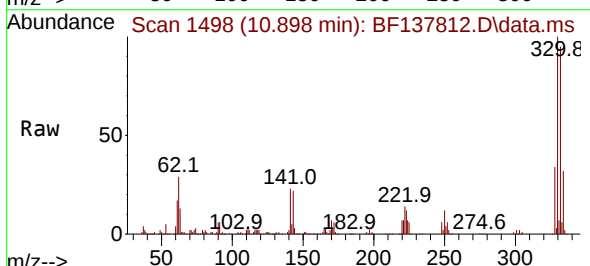
Tgt Ion:248 Resp: 29969

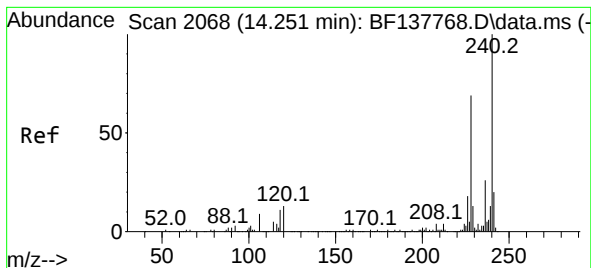
Ion Ratio Lower Upper

248 100

250 197.0 79.1 118.7#

141 381.0 55.4 83.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

Instrument :

BNA_F

ClientSampleId :

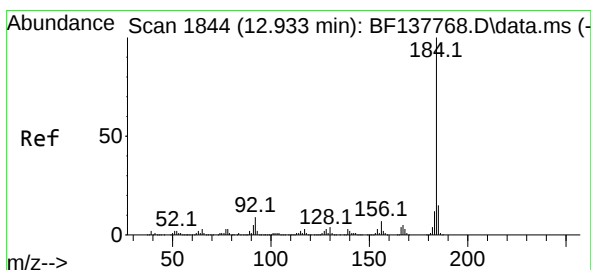
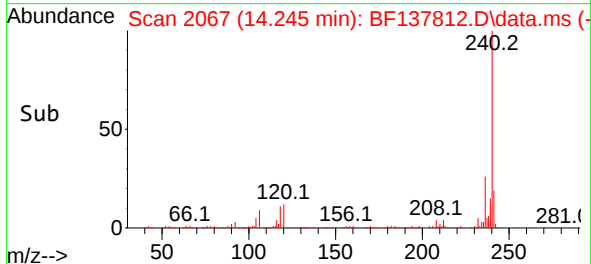
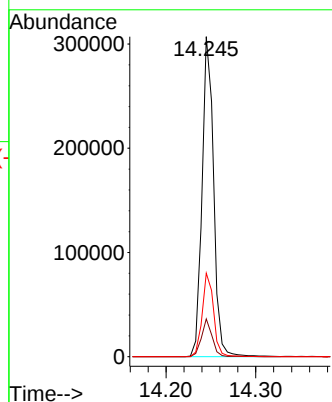
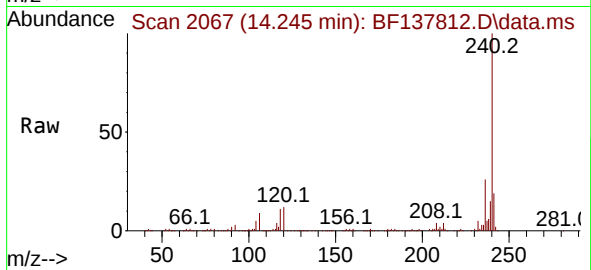
Tgt Ion:240 Resp: 274784

Ion Ratio Lower Upper

240 100

120 11.8 10.4 15.6

236 26.1 20.4 30.6



#77

Benzidine

Concen: 3.443 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137812.D

Acq: 02 May 2024 13:14

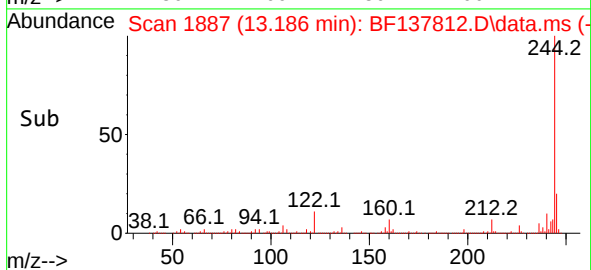
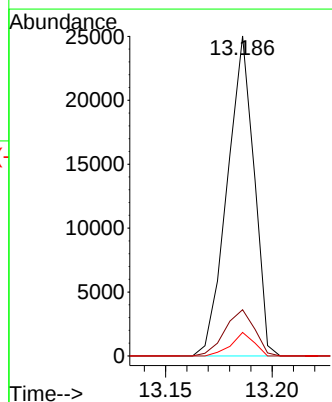
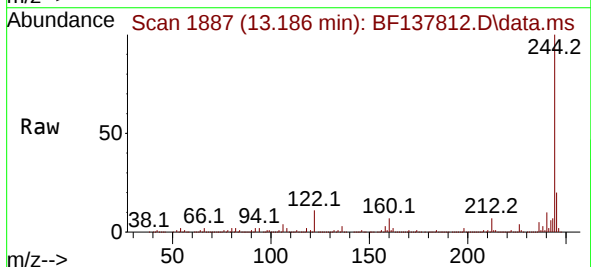
Tgt Ion:184 Resp: 21879

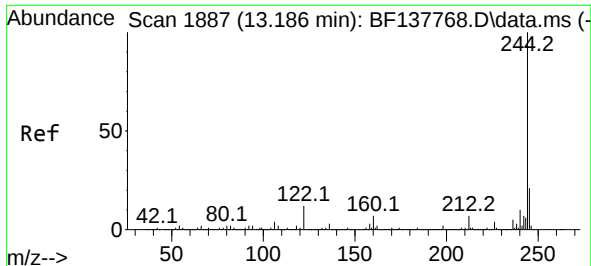
Ion Ratio Lower Upper

184 100

185 14.5 12.3 18.5

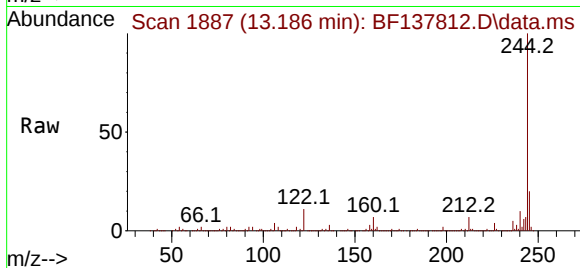
183 7.3 9.2 13.8#





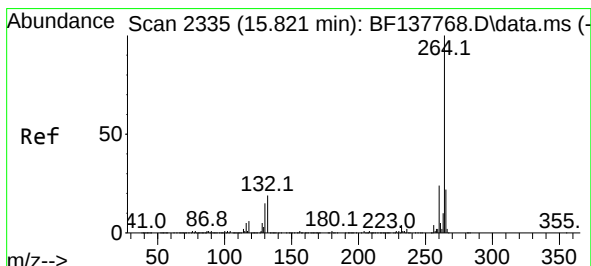
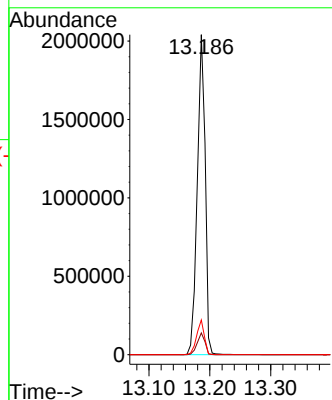
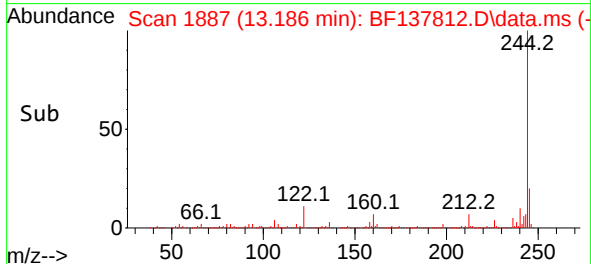
#79
 Terphenyl-d14
 Concen: 112.193 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137812.D
 Acq: 02 May 2024 13:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1839590

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.5	8.3
122	10.9	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: BF137812.D
 Acq: 02 May 2024 13:14

Tgt Ion:264 Resp: 246205

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	20.7	17.4	26.0

