

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
 Data File : BF137803.D
 Acq On : 01 May 2024 20:56
 Operator : CG\JU
 Sample : P2307-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:34:11 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)

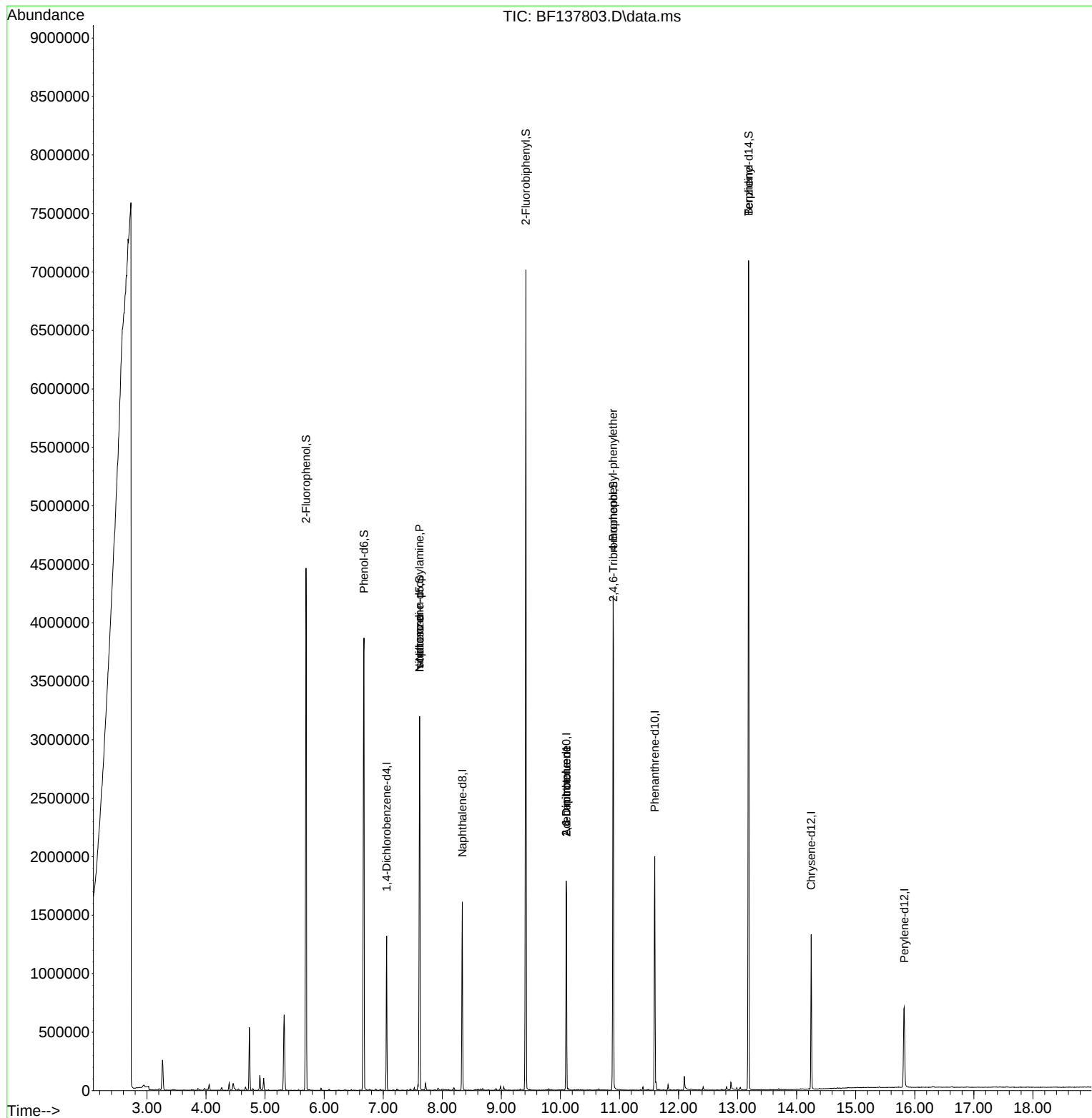
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	182056	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	707664	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	408730	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	703487	20.000	ng	0.00
76) Chrysene-d12	14.245	240	396691	20.000	ng	0.00
86) Perylene-d12	15.821	264	359869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	1392813	128.091	ng	0.02
7) Phenol-d6	6.675	99	1644275	119.218	ng	0.00
23) Nitrobenzene-d5	7.616	82	1136097	93.272	ng	0.00
42) 2,4,6-Tribromophenol	10.898	330	599978	143.768	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	2240783	88.943	ng	0.00
79) Terphenyl-d14	13.186	244	2508031	105.954	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.616	70	150793	18.295	ng	# 76
25) Isophorone	7.616	82	1136078	51.731	ng	# 64
51) 2,6-Dinitrotoluene	10.098	165	52134	8.841	ng	# 27
57) 2,4-Dinitrotoluene	10.098	165	52135	6.768	ng	# 27
67) 4-Bromophenyl-phenylether	10.892	248	39264	5.215	ng	# 1
77) Benzidine	13.186	184	30179	3.289	ng	# 92

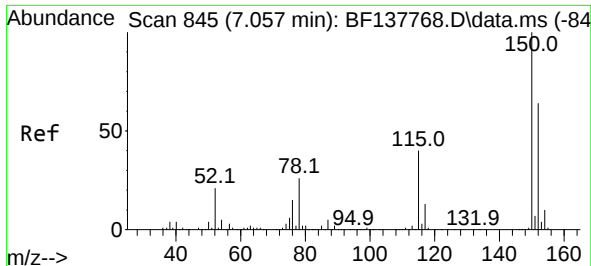
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050124\
Data File : BF137803.D
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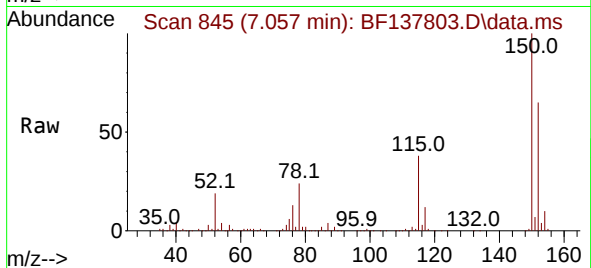
Quant Time: May 02 01:34:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration



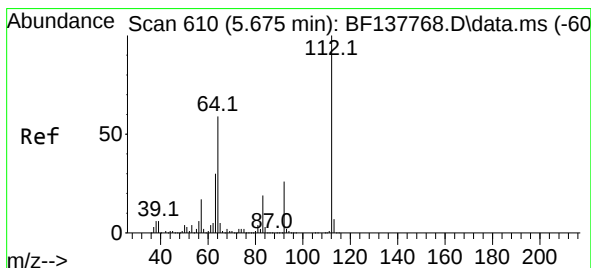
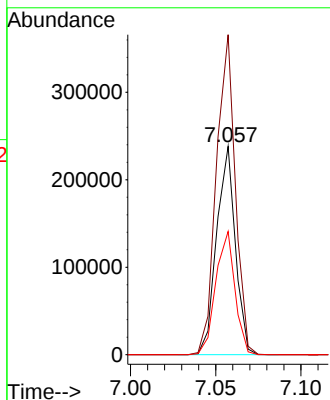
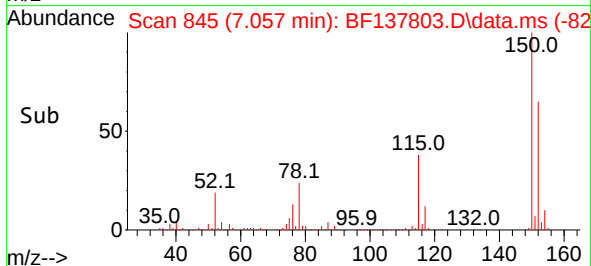


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Instrument :
BNA_F
ClientSampleId :

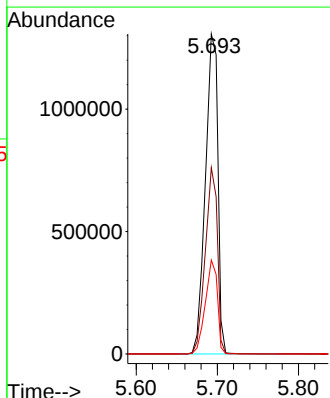
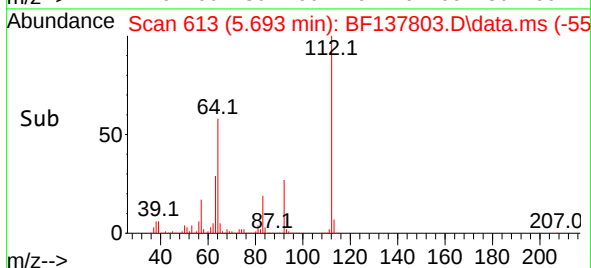
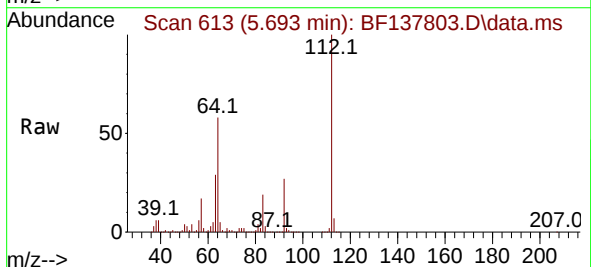


Tgt Ion:152 Resp: 182056
Ion Ratio Lower Upper
152 100
150 153.6 124.1 186.1
115 59.1 49.1 73.7



#5
2-Fluorophenol
Concen: 128.091 ng
RT: 5.693 min Scan# 613
Delta R.T. 0.018 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Tgt Ion:112 Resp: 1392813
Ion Ratio Lower Upper
112 100
64 58.2 47.3 70.9
63 29.3 23.7 35.5



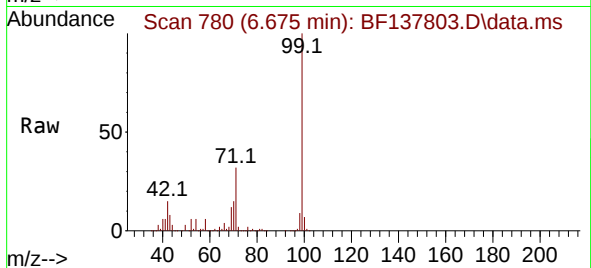


#7
Phenol-d6
Concen: 119.218 ng
RT: 6.675 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Instrument :

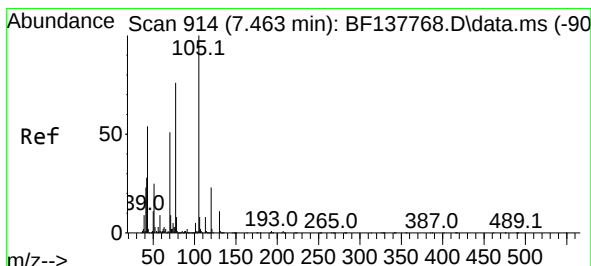
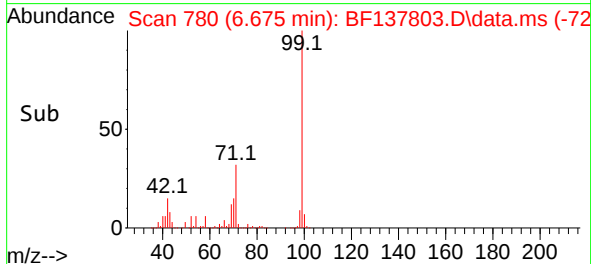
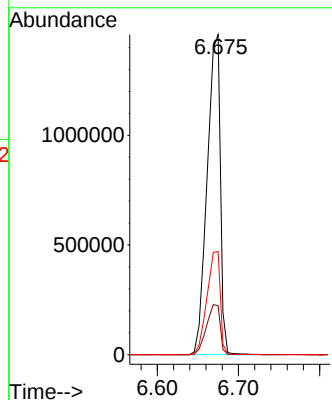
BNA_F

ClientSampleId :



Tgt Ion: 99 Resp: 1644275

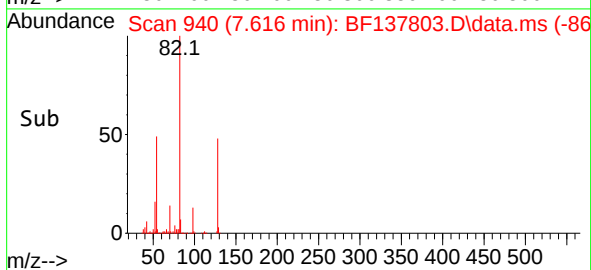
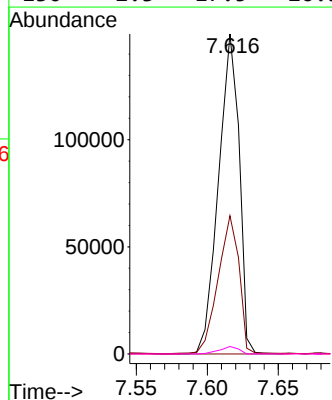
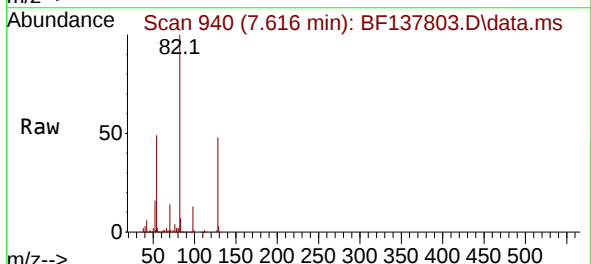
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.2	19.8
71	32.2	25.0	37.4

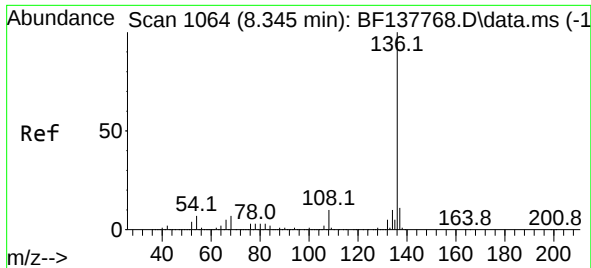


#19
n-Nitroso-di-n-propylamine
Concen: 18.295 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.153 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Tgt Ion: 70 Resp: 150793

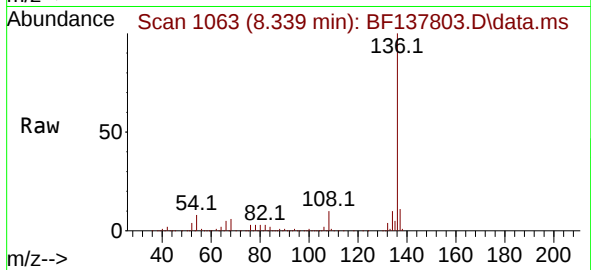
Ion	Ratio	Lower	Upper
70	100		
42	43.2	44.6	66.8#
101	0.0	7.8	11.6#
130	2.3	17.5	26.3#





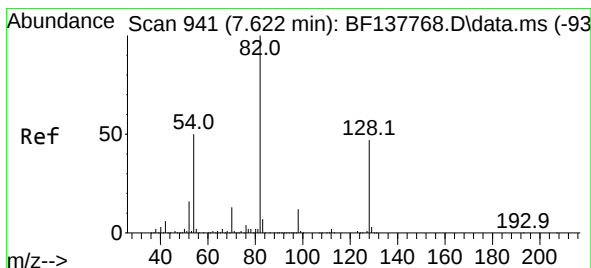
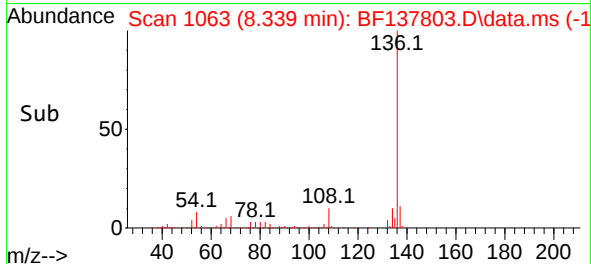
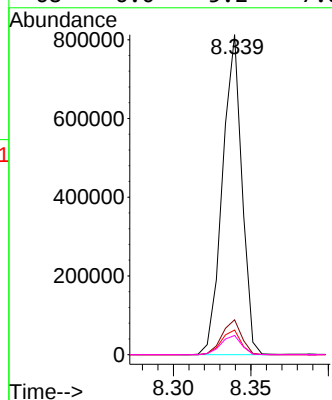
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 707664

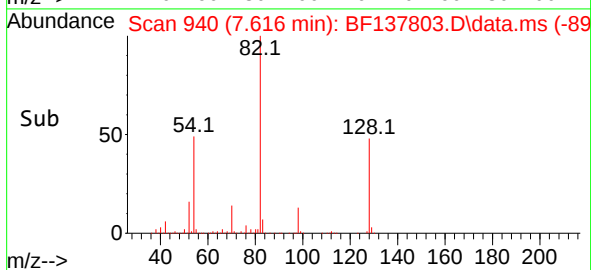
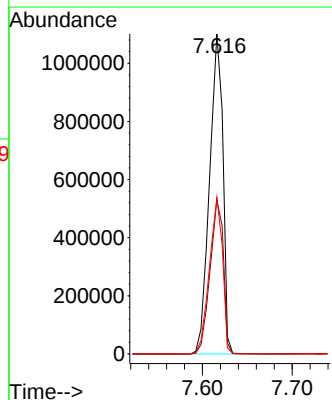
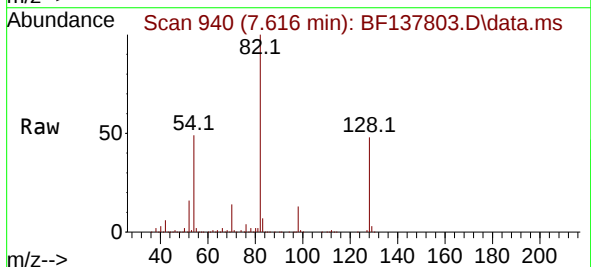
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.7	5.8	8.8
68	6.0	5.2	7.8



#23
Nitrobenzene-d5
Concen: 93.272 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.006 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Tgt Ion: 82 Resp: 1136097

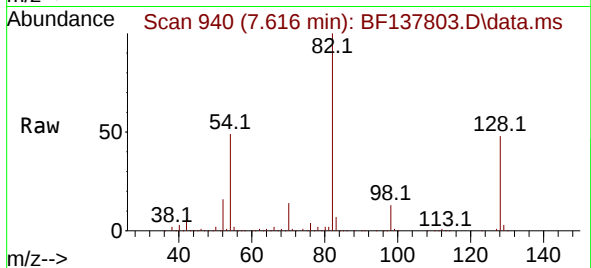
Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.5	56.3
54	48.9	39.8	59.6



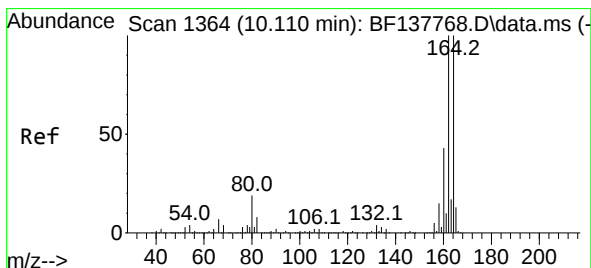
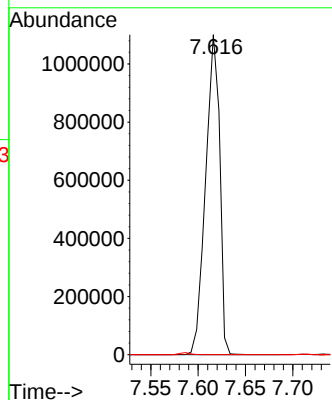
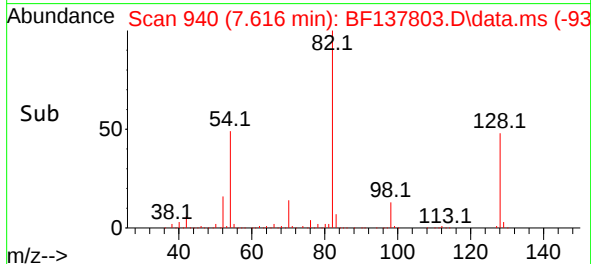


#25
Isophorone
Concen: 51.731 ng
RT: 7.616 min Scan# 94
Delta R.T. -0.259 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

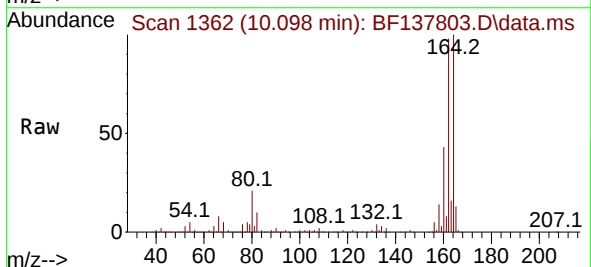
Instrument :
BNA_F
ClientSampleId :



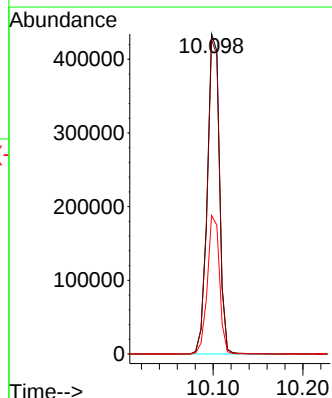
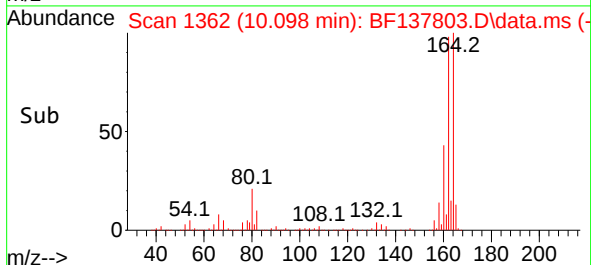
Tgt Ion: 82 Resp: 1136078
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 15.0 22.6#

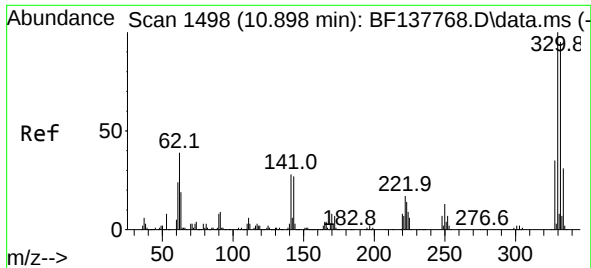


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56



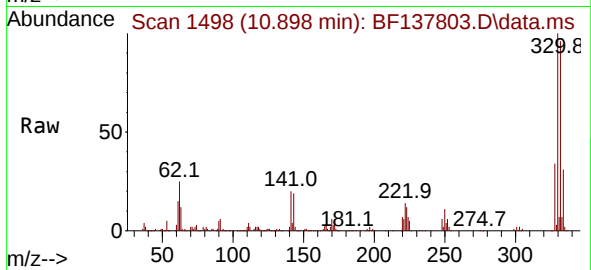
Tgt Ion: 164 Resp: 408730
Ion Ratio Lower Upper
164 100
162 98.3 79.8 119.6
160 43.3 34.4 51.6



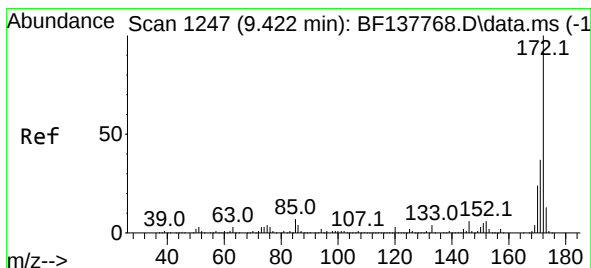
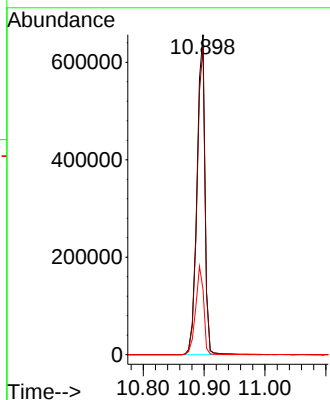
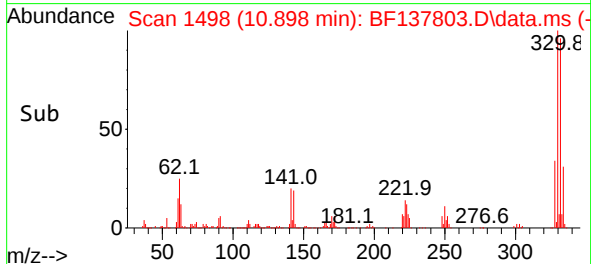


#42
 2,4,6-Tribromophenol
 Concen: 143.768 ng
 RT: 10.898 min Scan# 1498
 Delta R.T. 0.000 min
 Lab File: BF137803.D
 Acq: 01 May 2024 20:56

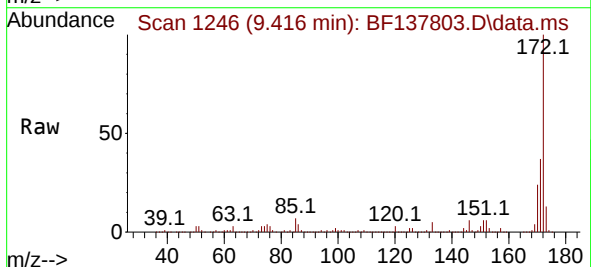
Instrument :
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 ClientSampleId :



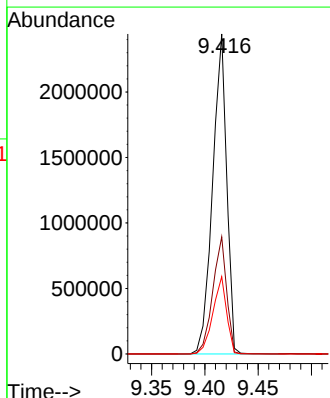
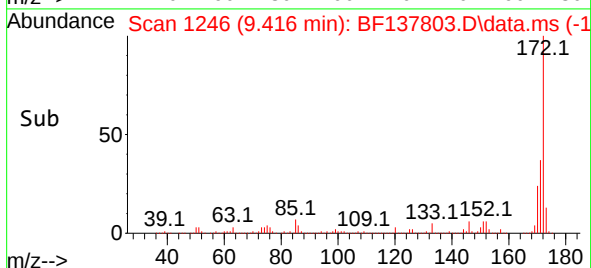
Tgt Ion:330 Resp: 599978
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 27.8 23.8 35.6

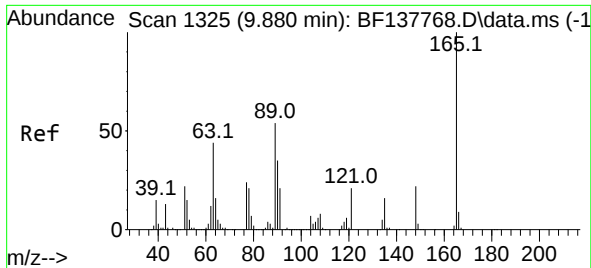


#45
 2-Fluorobiphenyl
 Concen: 88.943 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137803.D
 Acq: 01 May 2024 20:56



Tgt Ion:172 Resp: 2240783
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.1 19.4 29.2

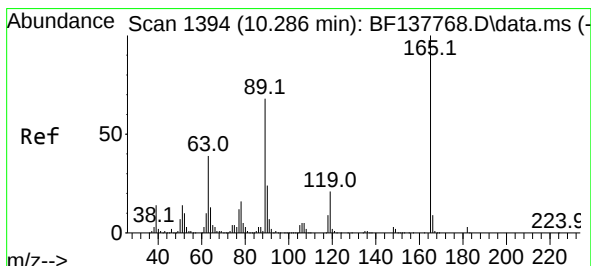
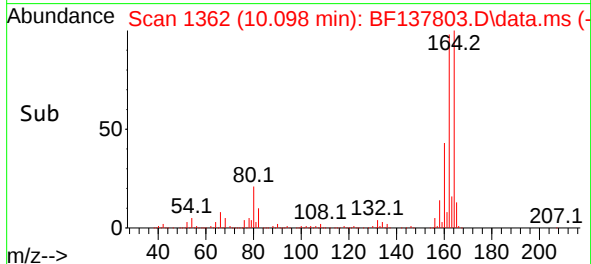
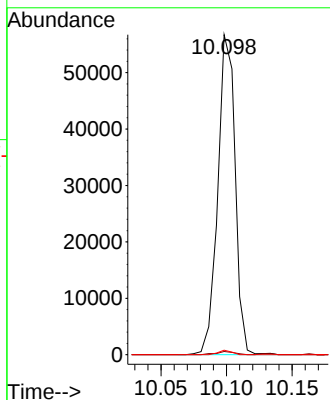
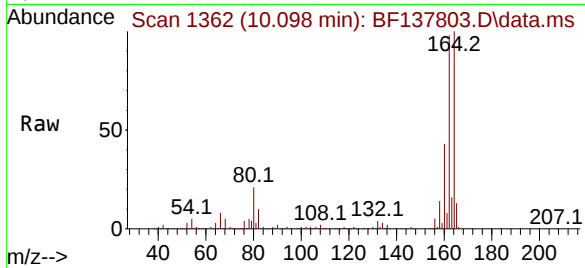




#51
2,6-Dinitrotoluene
Concen: 8.841 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.218 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

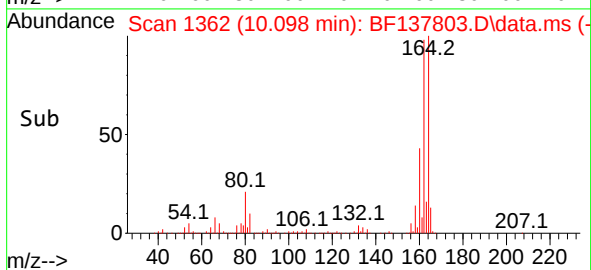
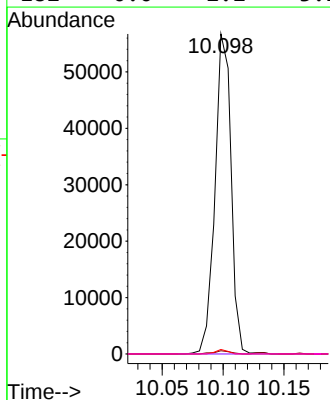
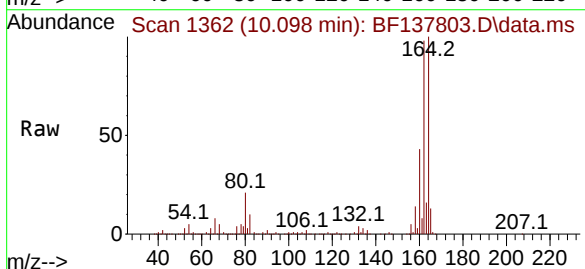
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 52134
Ion Ratio Lower Upper
165 100
63 1.0 41.9 62.9#
89 1.4 43.2 64.8#



#57
2,4-Dinitrotoluene
Concen: 6.768 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.188 min
Lab File: BF137803.D
Acq: 01 May 2024 20:56

Tgt Ion:165 Resp: 52135
Ion Ratio Lower Upper
165 100
63 1.0 31.3 46.9#
89 1.4 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

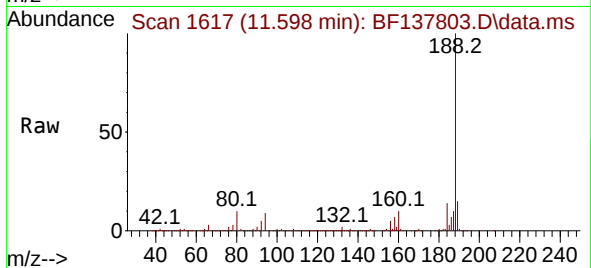
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Acq: 01 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :



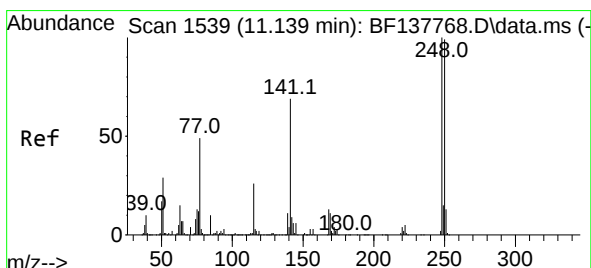
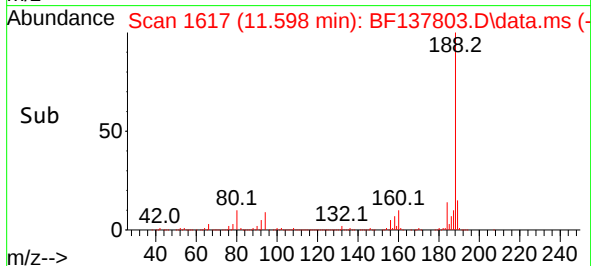
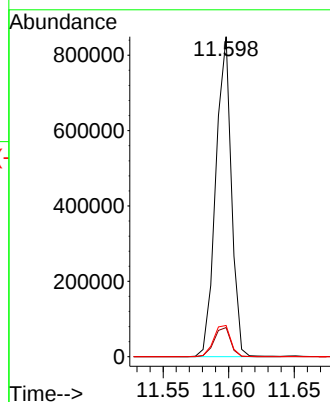
Tgt Ion:188 Resp: 703487

Ion Ratio Lower Upper

188 100

94 9.1 8.8 13.2

80 9.7 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 5.215 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137803.D

Acq: 01 May 2024 20:56

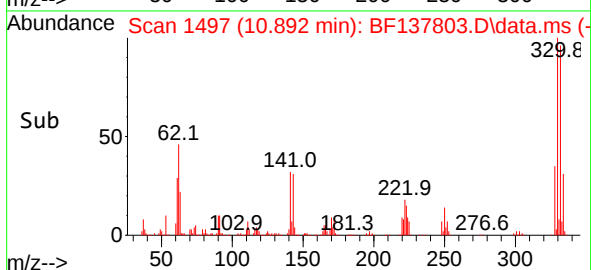
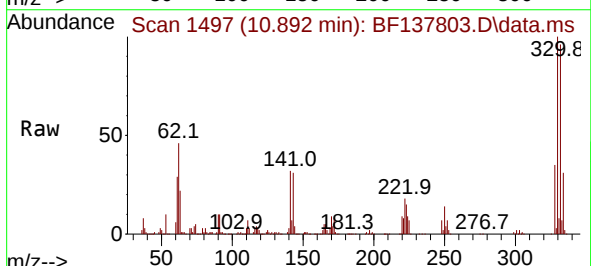
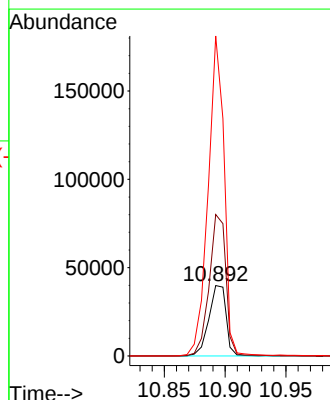
Tgt Ion:248 Resp: 39264

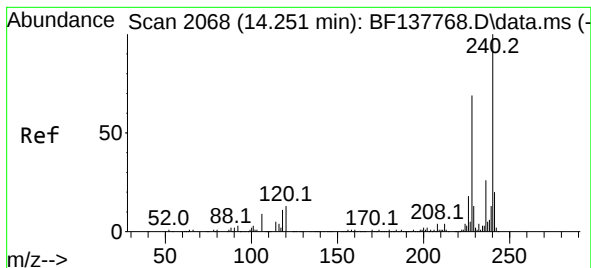
Ion Ratio Lower Upper

248 100

250 200.8 79.1 118.7#

141 454.5 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: BF137803.D

Acq: 01 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

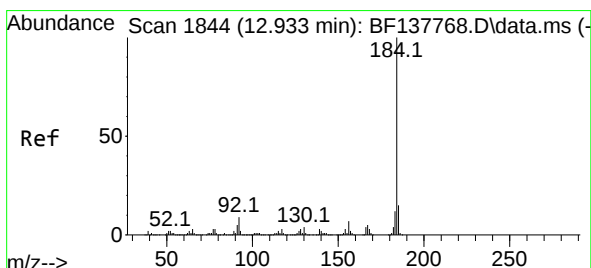
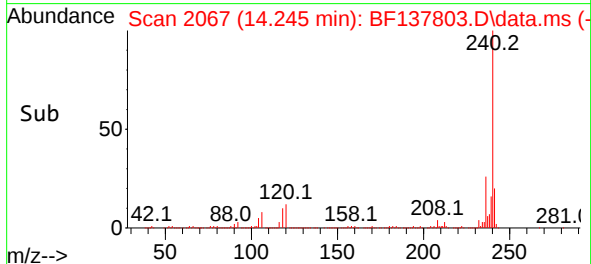
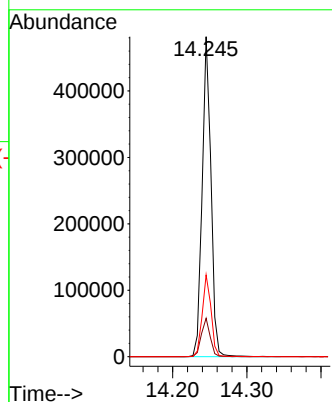
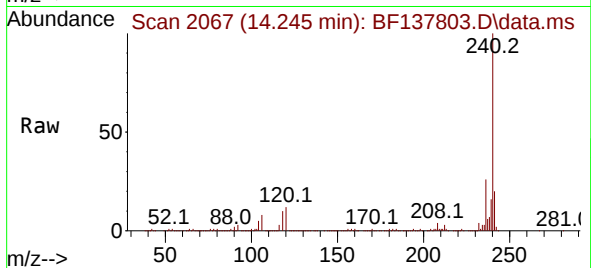
Tgt Ion:240 Resp: 396691

Ion Ratio Lower Upper

240 100

120 12.0 10.4 15.6

236 25.6 20.4 30.6



#77

Benzidine

Concen: 3.289 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.253 min

Lab File: BF137803.D

Acq: 01 May 2024 20:56

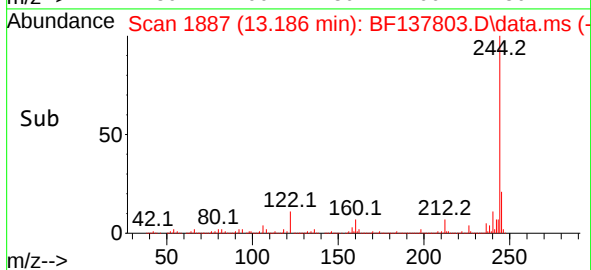
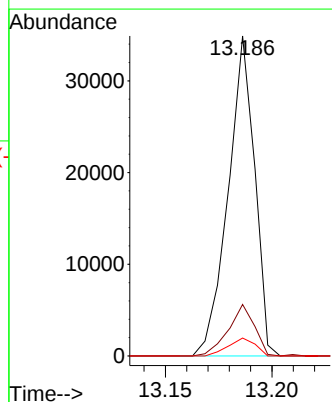
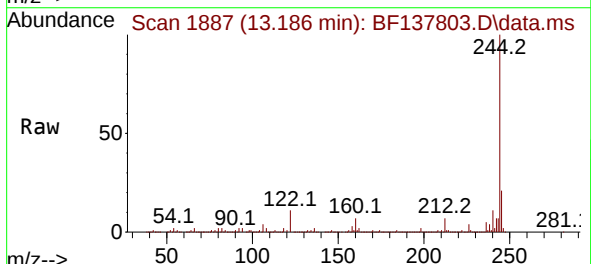
Tgt Ion:184 Resp: 30179

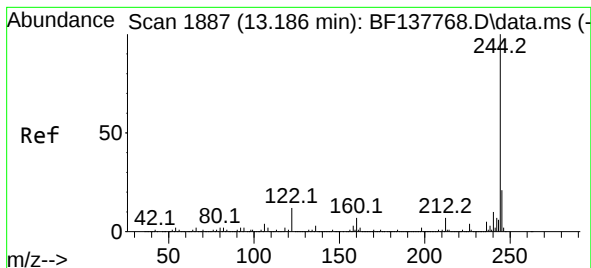
Ion Ratio Lower Upper

184 100

185 16.1 12.3 18.5

183 5.6 9.2 13.8#





#79

Terphenyl-d14

Concen: 105.954 ng

RT: 13.186 min Scan# 1887

Delta R.T. 0.000 min

Lab File: BF137803.D

Acq: 01 May 2024 20:56

Instrument :

BNA_F

ClientSampleId :

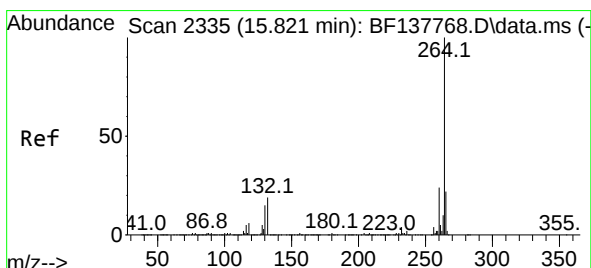
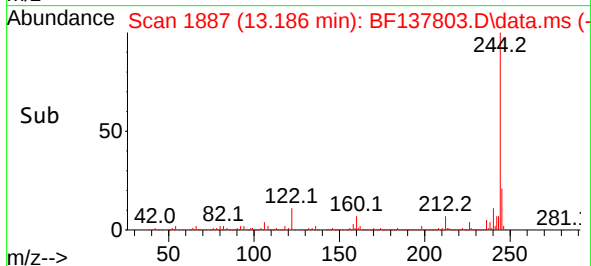
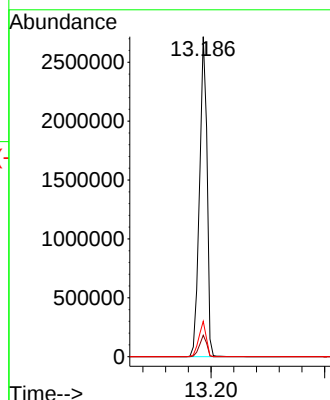
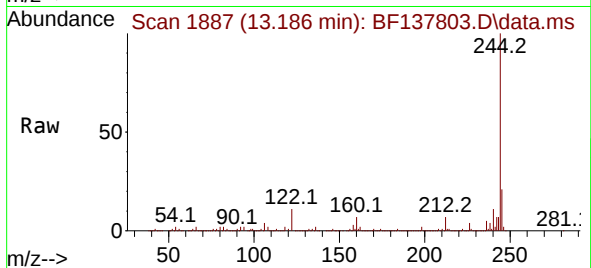
Tgt Ion:244 Resp: 2508031

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

122 11.0 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: BF137803.D

Acq: 01 May 2024 20:56

Tgt Ion:264 Resp: 359869

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

265 20.9 17.4 26.0

