

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
 Data File : BF138263.D
 Acq On : 20 Jun 2024 15:36
 Operator : CG\JU
 Sample : PB161609BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161609BL

Quant Time: Jun 20 15:58:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

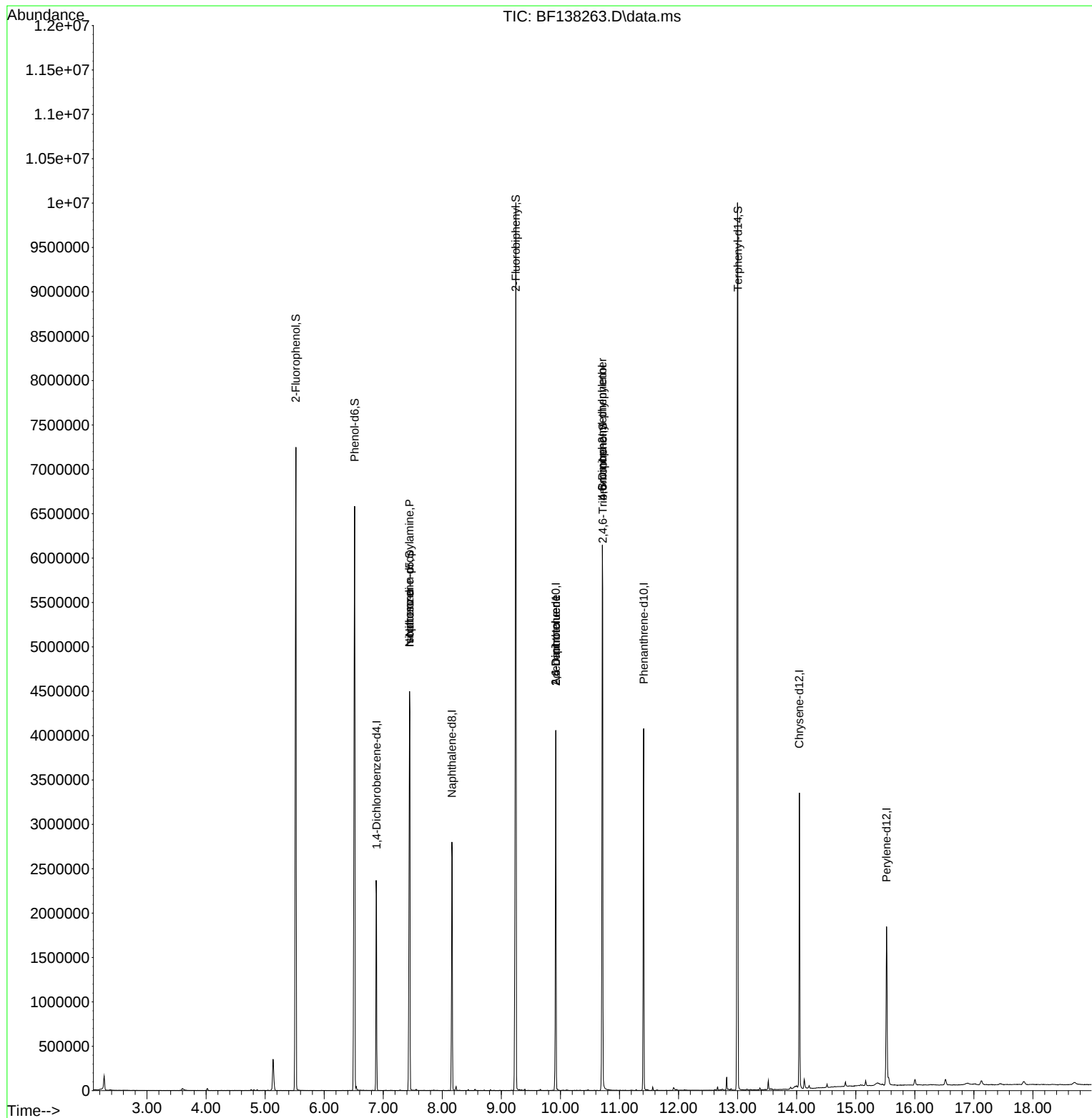
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	364706	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	1440272	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	804846	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1466012	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1022423	20.000	ng	0.00
86) Perylene-d12	15.521	264	865320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2393387	109.779	ng	0.01
7) Phenol-d6	6.516	99	2972932	107.538	ng	0.00
23) Nitrobenzene-d5	7.445	82	1905083	77.004	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	941820	117.545	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3522066	69.586	ng	0.00
79) Terphenyl-d14	13.004	244	4330565	67.085	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	253120	15.446	ng	# 77
25) Isophorone	7.445	82	1900246	42.464	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	105569	9.868	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	105570	8.001	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	2125	7.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	59717	3.615	ng	# 1

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
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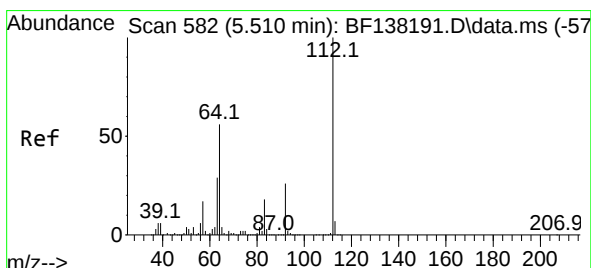
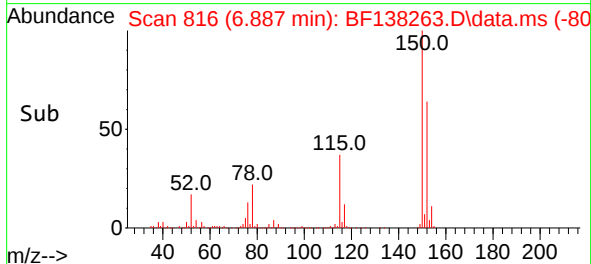
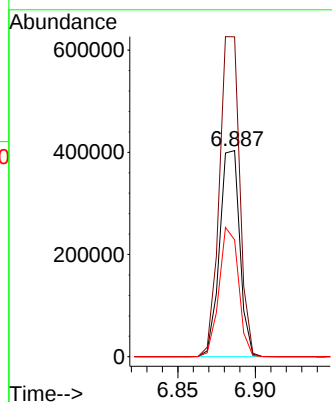
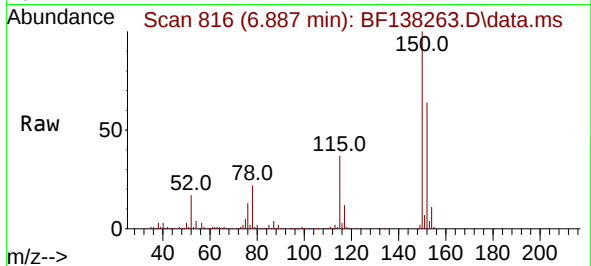




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

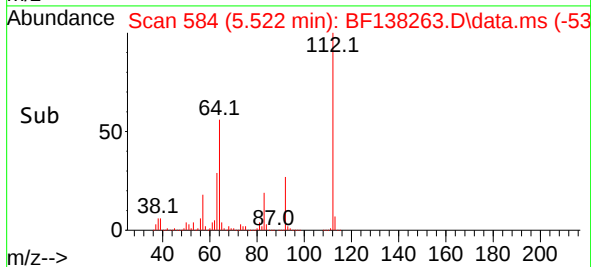
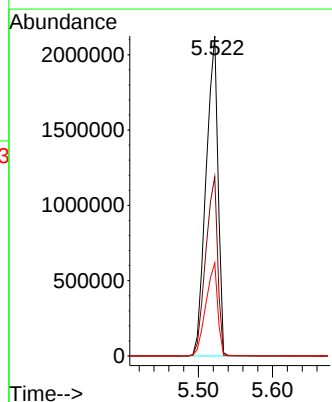
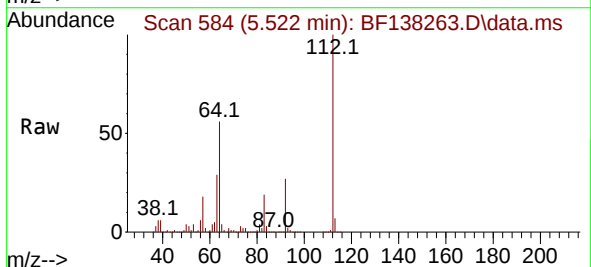
Instrument :
BNA_F
ClientSampleId :
PB161609BL

Tgt Ion:152 Resp: 364706
Ion Ratio Lower Upper
152 100
150 155.1 125.0 187.4
115 56.7 48.4 72.6



#5
2-Fluorophenol
Concen: 109.779 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion:112 Resp: 2393387
Ion Ratio Lower Upper
112 100
64 56.0 45.2 67.8
63 29.0 22.9 34.3

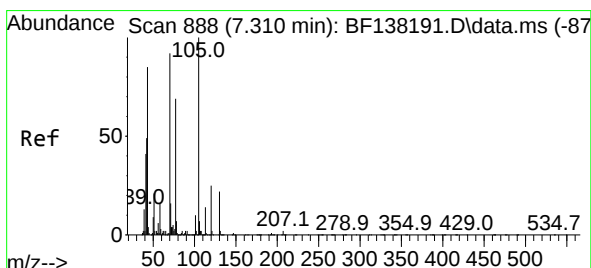
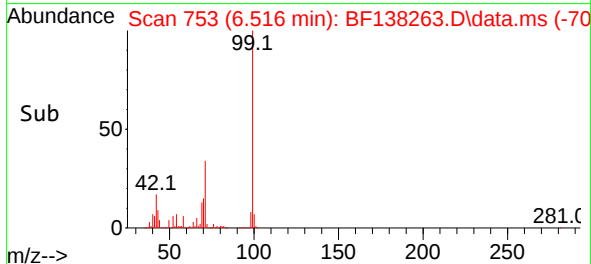
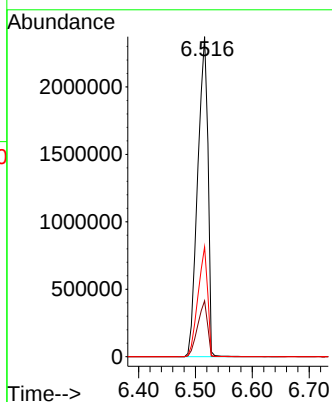
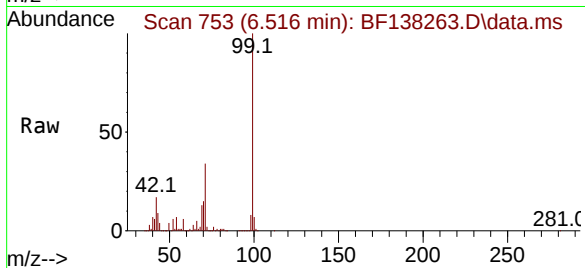




#7
Phenol-d6
Concen: 107.538 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

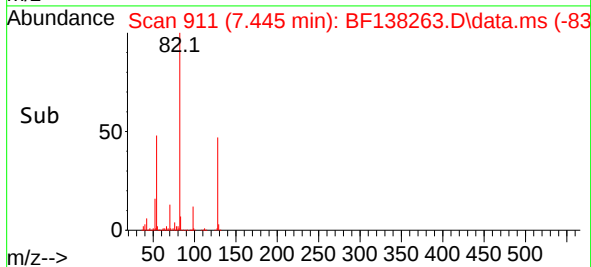
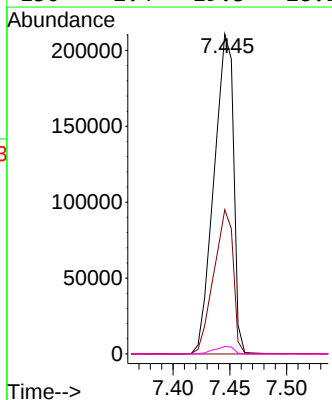
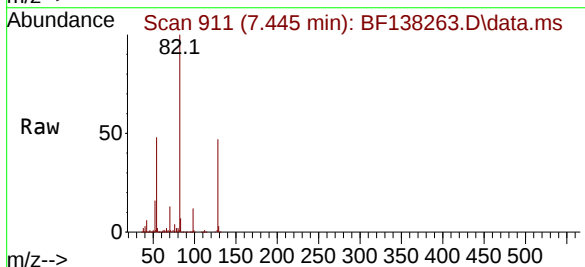
Instrument :
BNA_F
ClientSampleId :
PB161609BL

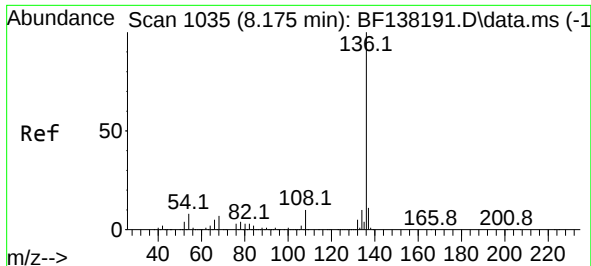
Tgt Ion: 99 Resp: 2972932
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 34.3 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.446 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.135 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 70 Resp: 253120
Ion Ratio Lower Upper
70 100
42 45.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.4 19.3 28.9#



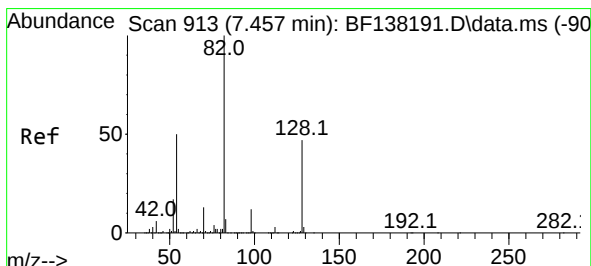
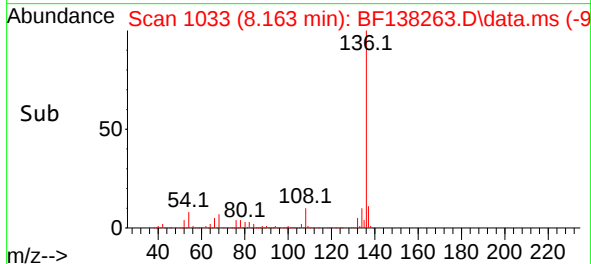
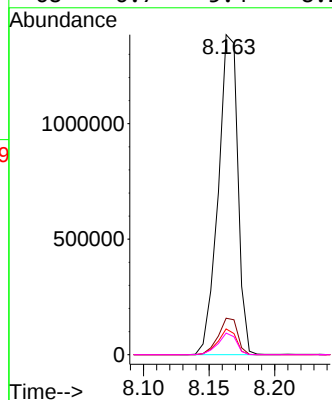
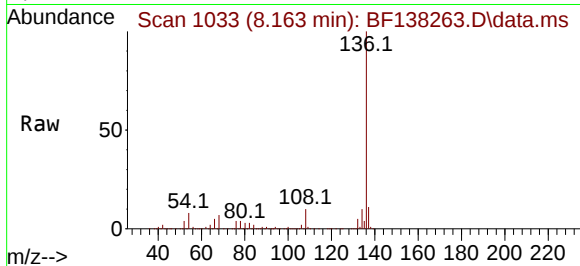


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Instrument :
BNA_F
ClientSampleId :
PB161609BL

Tgt Ion:136 Resp: 1440272

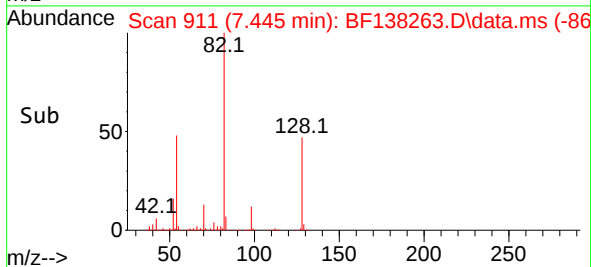
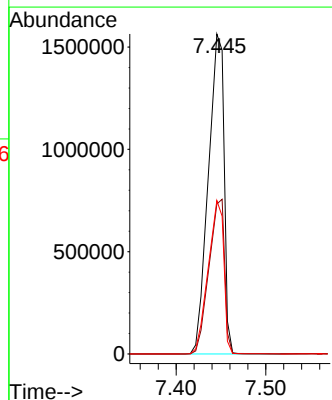
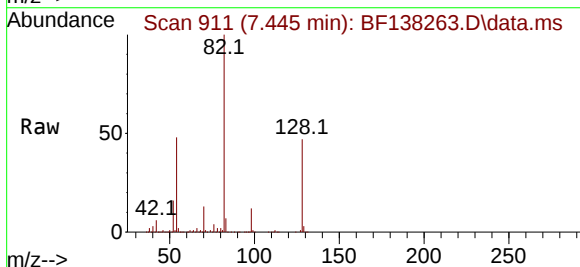
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	6.6	10.0
68	6.7	5.4	8.2



#23
Nitrobenzene-d5
Concen: 77.004 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion: 82 Resp: 1905083

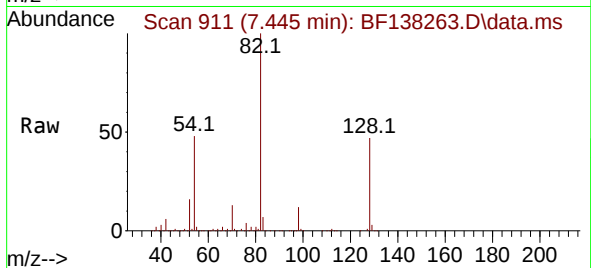
Ion	Ratio	Lower	Upper
82	100		
128	46.8	37.2	55.8
54	47.9	39.8	59.6



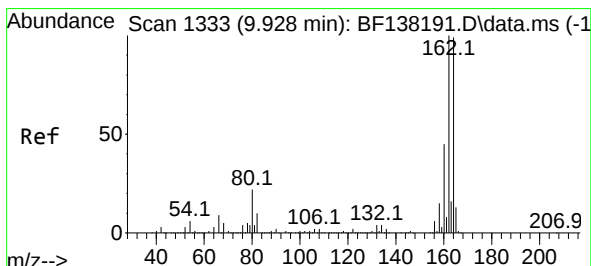
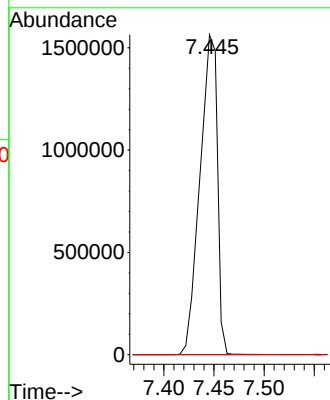
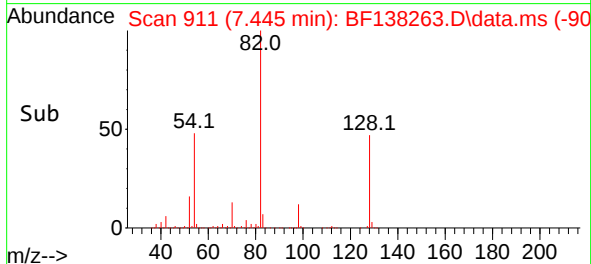


#25
Isophorone
Concen: 42.464 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

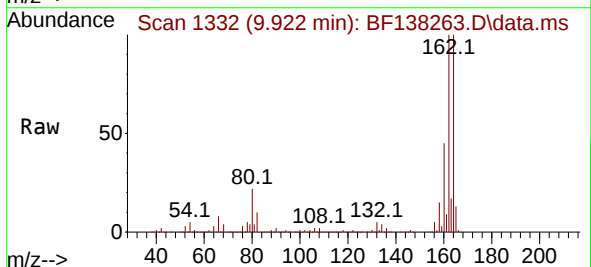
Instrument :
BNA_F
ClientSampleId :
PB161609BL



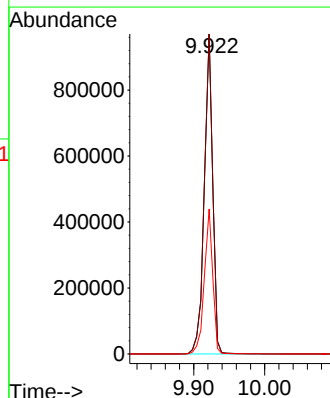
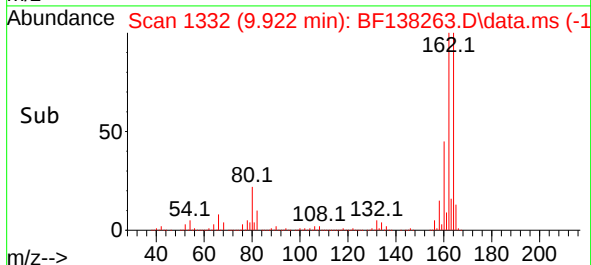
Tgt Ion: 82 Resp: 1900246
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#

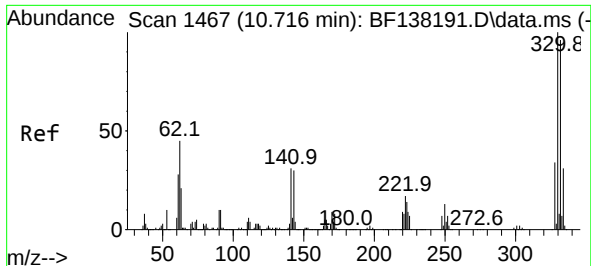


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36



Tgt Ion: 164 Resp: 804846
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 45.3 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 117.545 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

PB161609BL

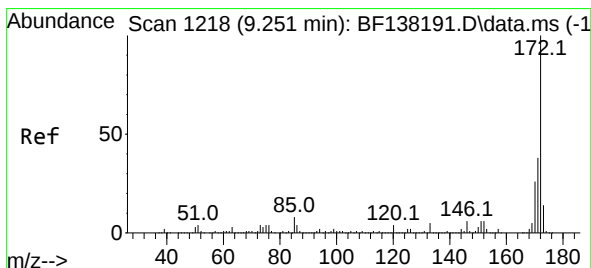
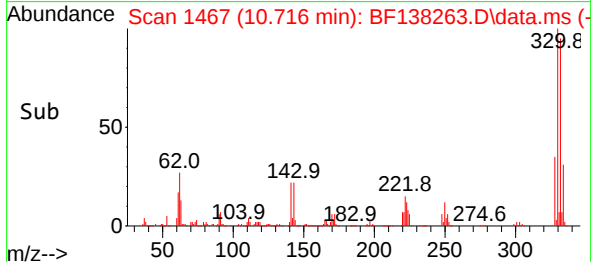
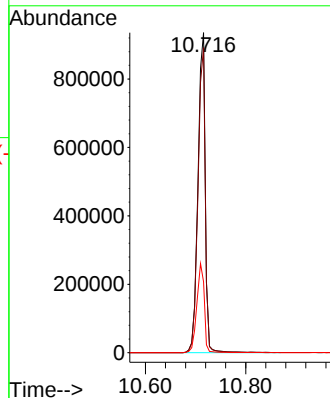
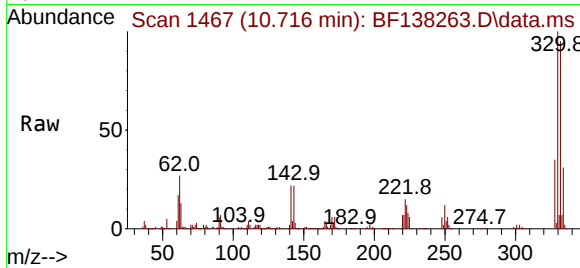
Tgt Ion:330 Resp: 941820

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

141 28.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 69.586 ng

RT: 9.245 min Scan# 1217

Delta R.T. -0.006 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

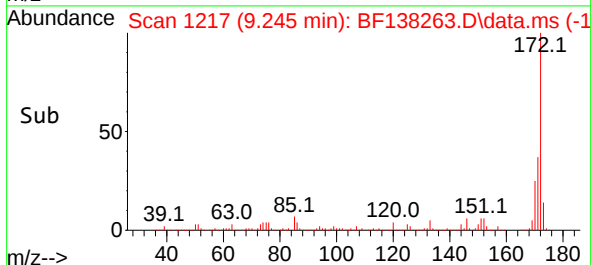
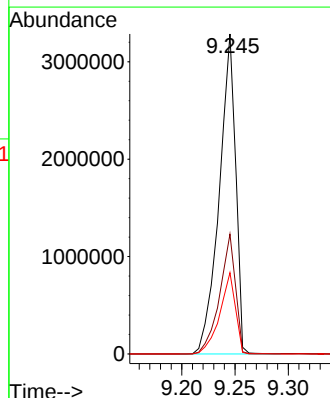
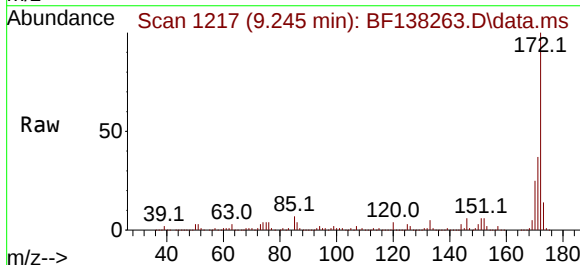
Tgt Ion:172 Resp: 3522066

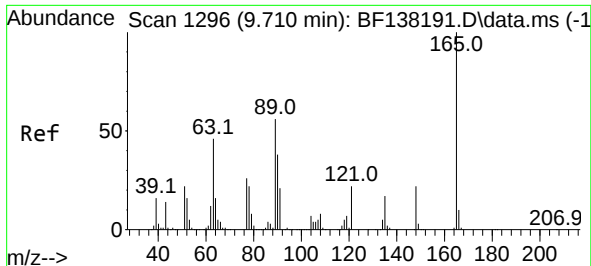
Ion Ratio Lower Upper

172 100

171 37.4 30.3 45.5

170 25.4 20.6 30.8

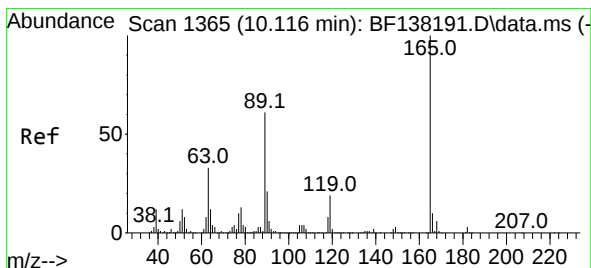
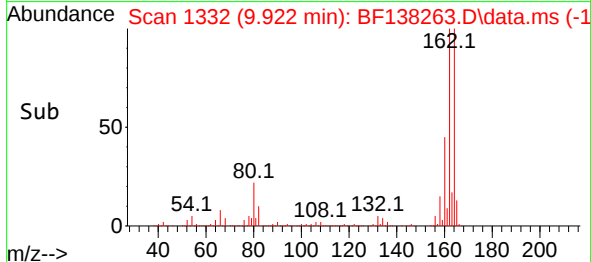
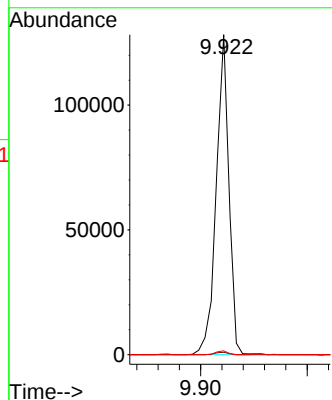
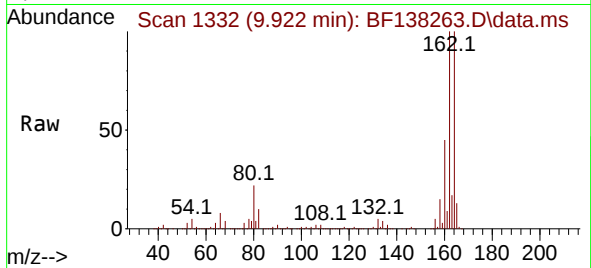




#51
2,6-Dinitrotoluene
Concen: 9.868 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

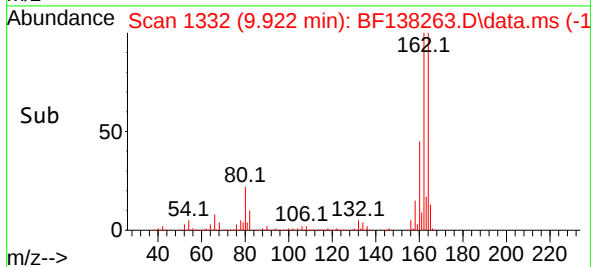
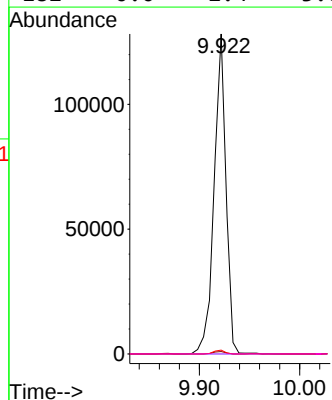
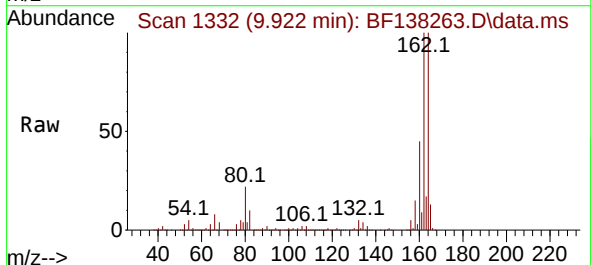
Instrument :
BNA_F
ClientSampleId :
PB161609BL

Tgt Ion:165 Resp: 105569
Ion Ratio Lower Upper
165 100
63 0.8 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.001 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion:165 Resp: 105570
Ion Ratio Lower Upper
165 100
63 0.8 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

PB161609BL

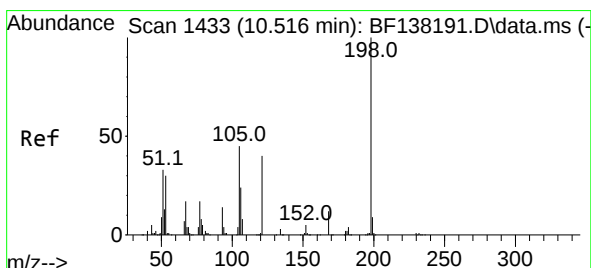
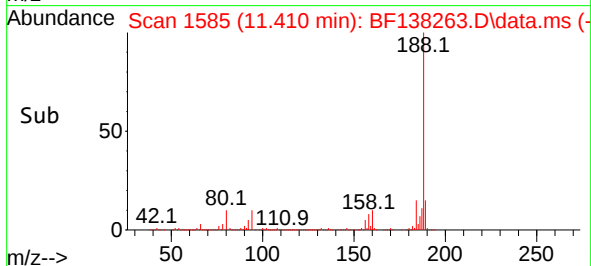
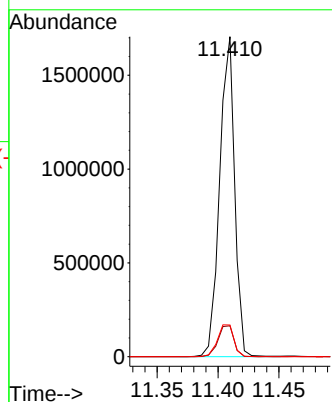
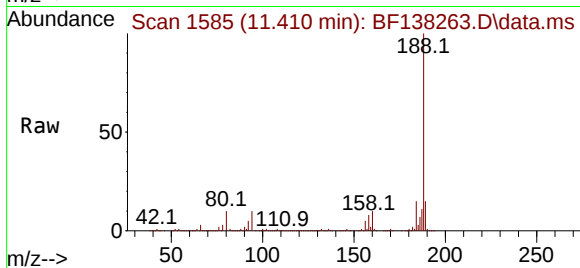
Tgt Ion:188 Resp: 1466012

Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 9.9 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.178 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

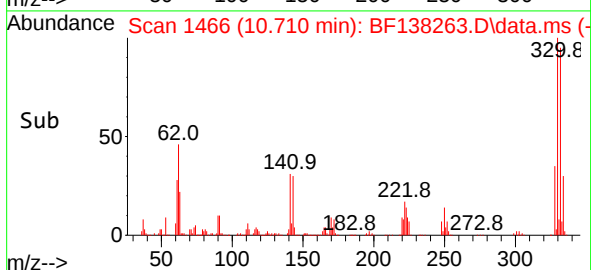
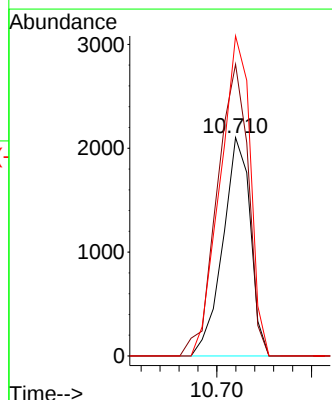
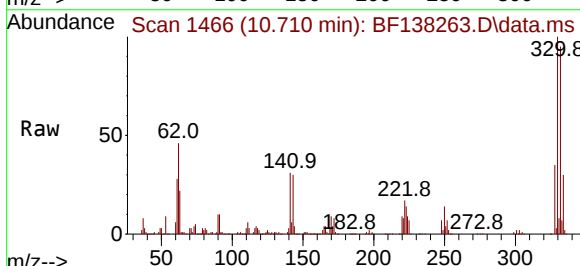
Tgt Ion:198 Resp: 2125

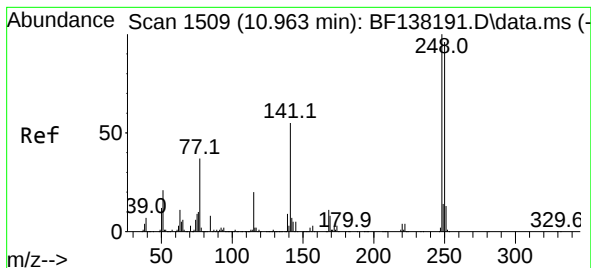
Ion Ratio Lower Upper

198 100

51 133.6 26.9 66.9#

105 146.5 26.0 66.0#

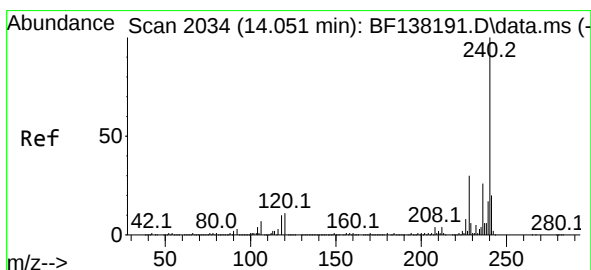
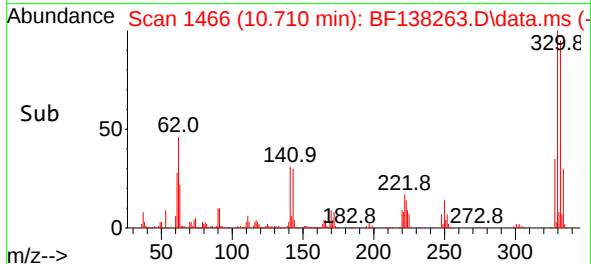
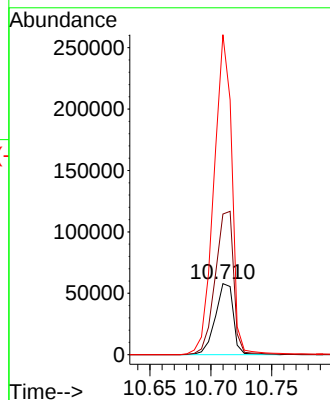
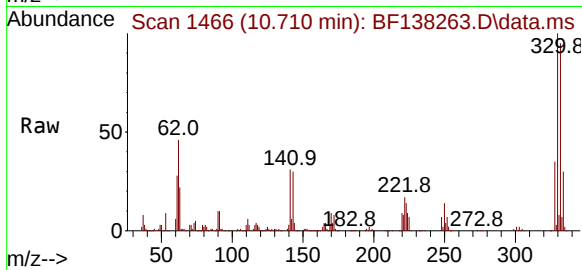




#67
4-Bromophenyl-phenylether
Concen: 3.615 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

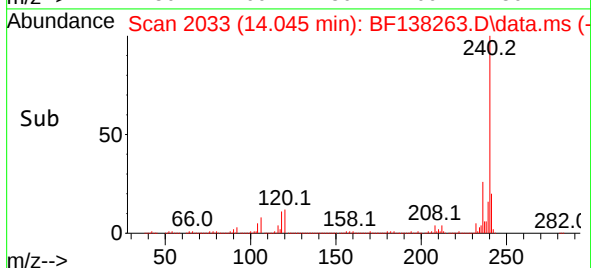
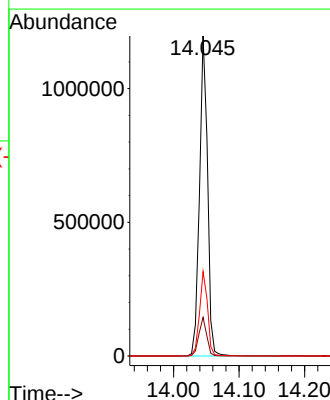
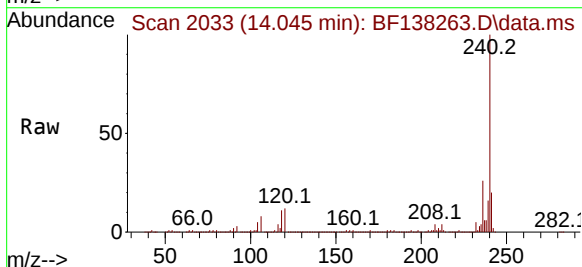
Instrument :
BNA_F
ClientSampleId :
PB161609BL

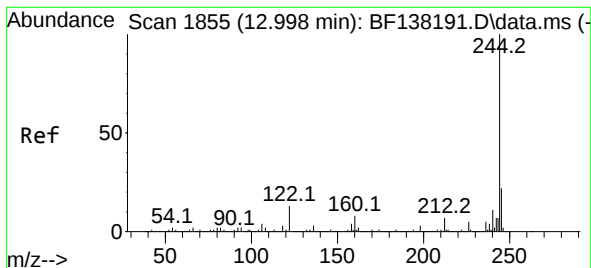
Tgt Ion:248 Resp: 59717
Ion Ratio Lower Upper
248 100
250 197.8 77.2 115.8#
141 449.9 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138263.D
Acq: 20 Jun 2024 15:36

Tgt Ion:240 Resp: 1022423
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.4 21.0 31.6





#79

Terphenyl-d14

Concen: 67.085 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.006 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Instrument :

BNA_F

ClientSampleId :

PB161609BL

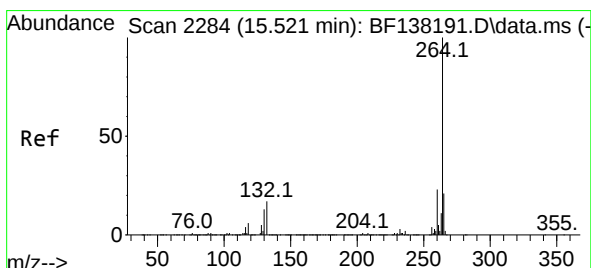
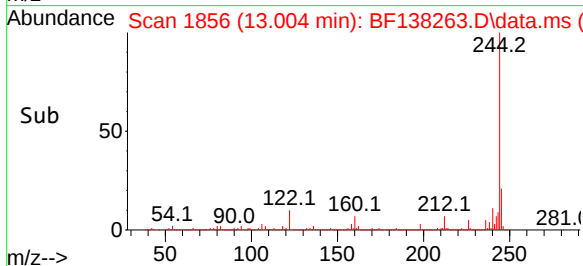
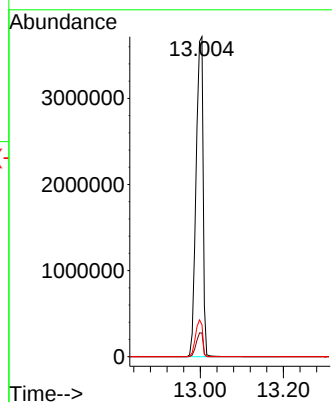
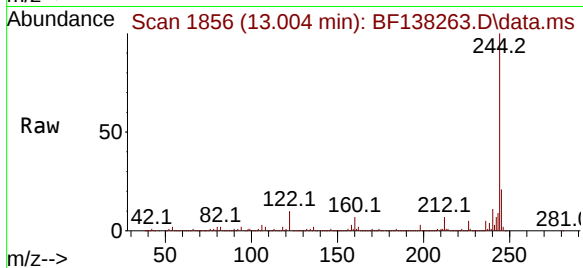
Tgt Ion:244 Resp: 4330565

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 10.0 10.6 15.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2284

Delta R.T. -0.000 min

Lab File: BF138263.D

Acq: 20 Jun 2024 15:36

Tgt Ion:264 Resp: 865320

Ion Ratio Lower Upper

264 100

260 24.4 18.7 28.1

265 21.7 17.0 25.6

