

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138506.D
 Acq On : 10 Jul 2024 17:43
 Operator : CG\JU
 Sample : P3192-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 240702040-01

Quant Time: Jul 10 18:19:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

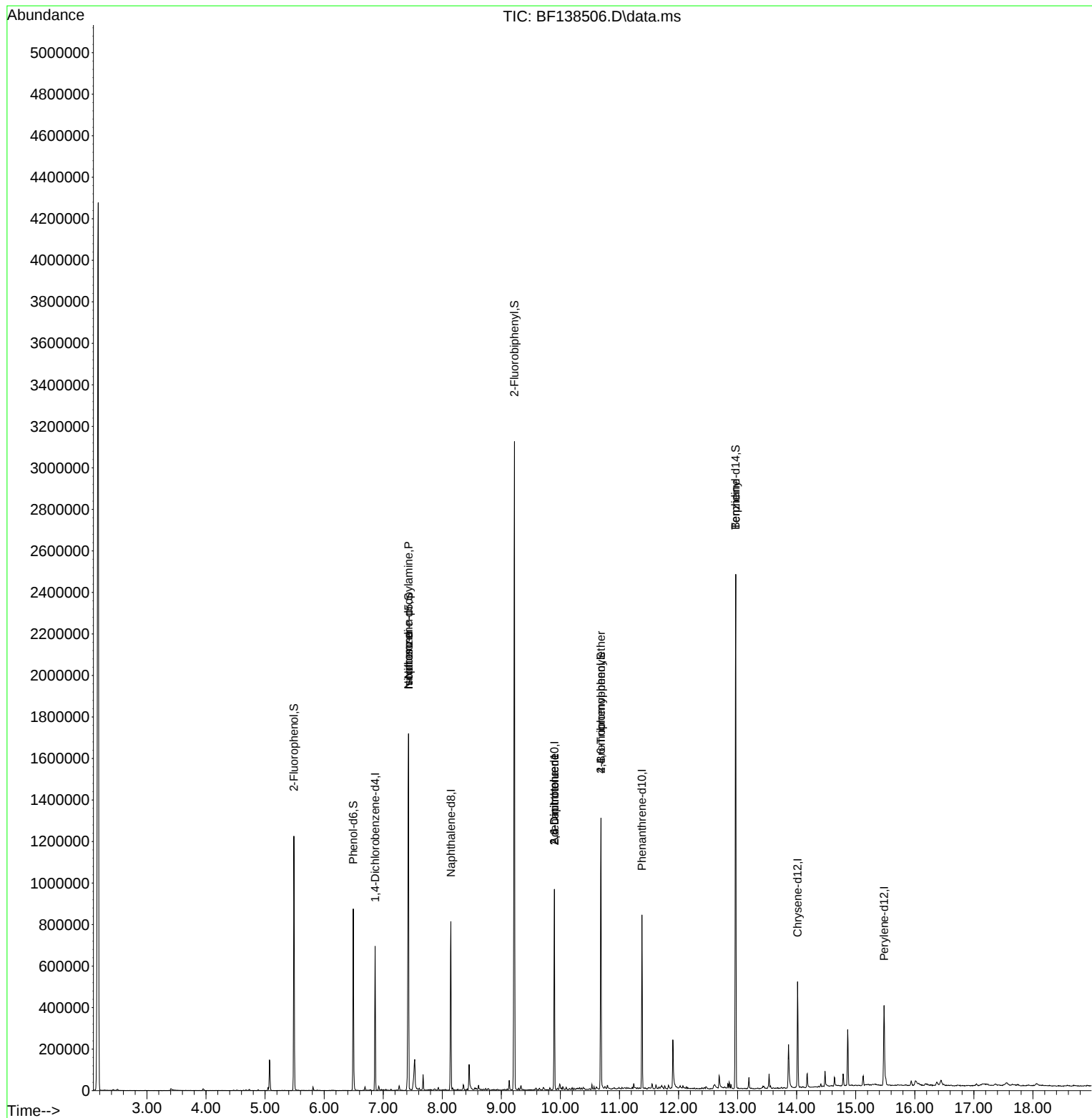
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	83739	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	331947	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	178837	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	267746	20.000	ng	0.00
76) Chrysene-d12	14.016	240	154915	20.000	ng	-0.01
86) Perylene-d12	15.480	264	170636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	263950	49.921	ng	0.00
7) Phenol-d6	6.493	99	222236	31.596	ng	-0.01
23) Nitrobenzene-d5	7.428	82	535362	79.184	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	133774	80.037	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	923744	80.729	ng	0.00
79) Terphenyl-d14	12.969	244	787163	82.780	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	71040	16.345	ng	# 75
25) Isophorone	7.428	82	535353	46.109	ng	# 67
51) 2,6-Dinitrotoluene	9.898	165	22777	8.555	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	22777	6.612	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	8651	3.144	ng	# 1
77) Benzidine	12.969	184	10984	2.810	ng	# 91

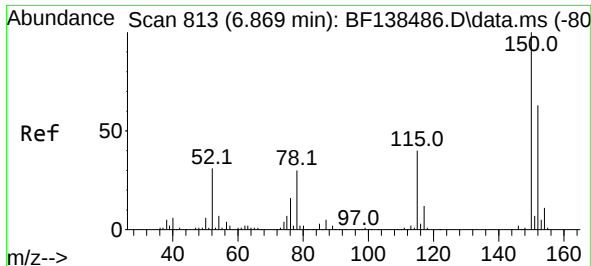
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
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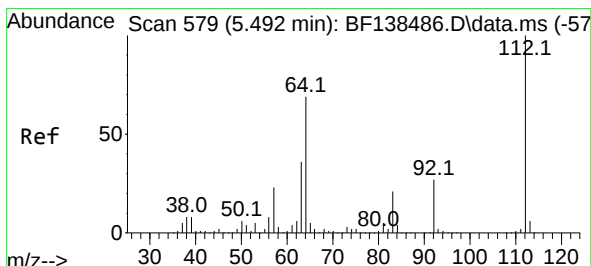
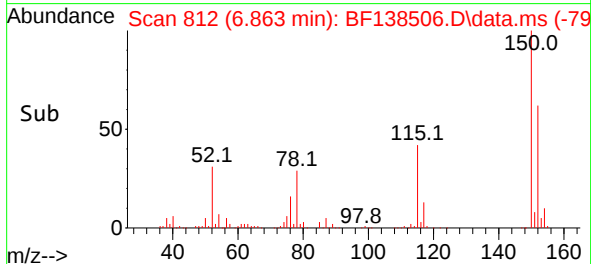
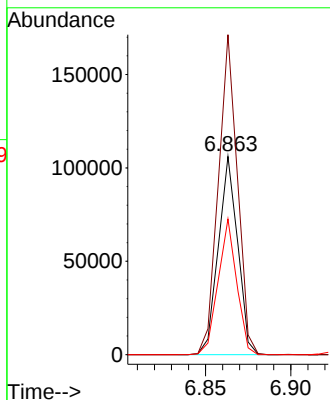
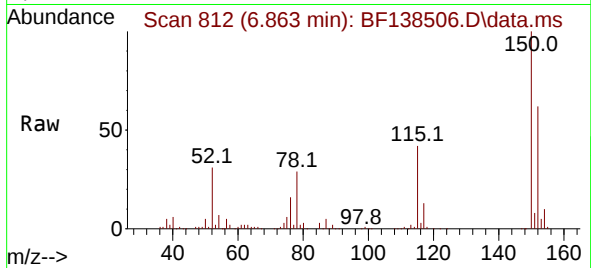




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

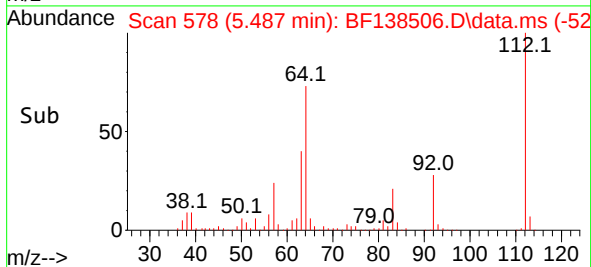
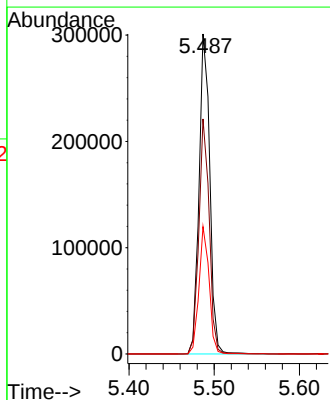
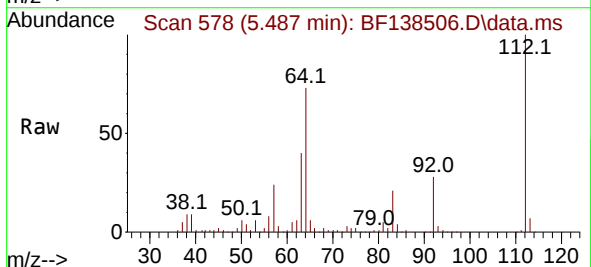
Instrument :
BNA_F
ClientSampleId :
240702040-01

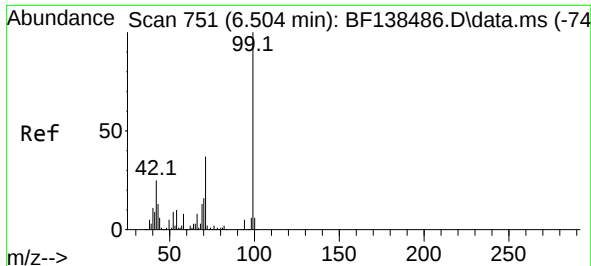
Tgt Ion:152 Resp: 83739
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.4
115 68.5 50.3 75.5



#5
2-Fluorophenol
Concen: 49.921 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

Tgt Ion:112 Resp: 263950
Ion Ratio Lower Upper
112 100
64 73.5 55.1 82.7
63 39.8 29.0 43.6

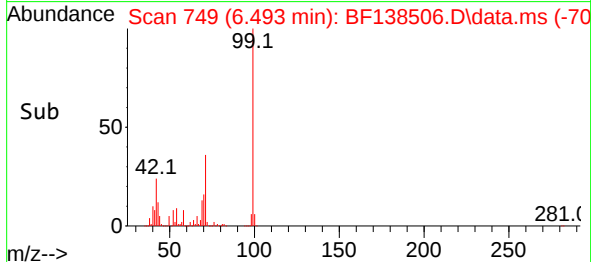
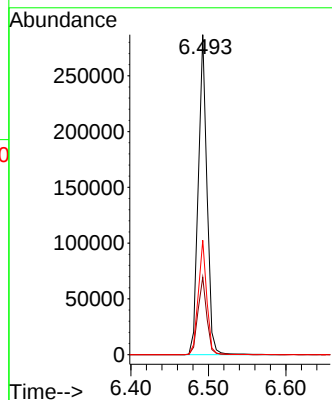
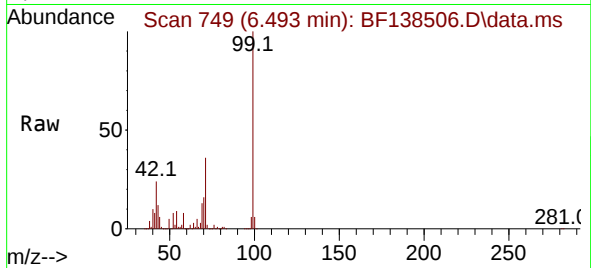




#7
Phenol-d6
Concen: 31.596 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

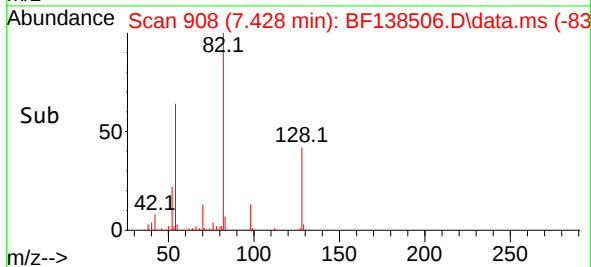
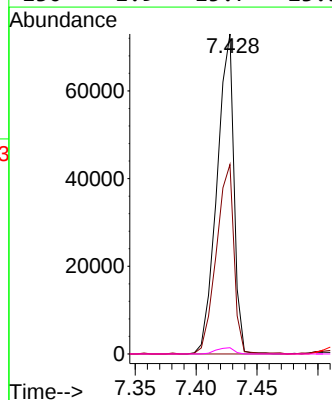
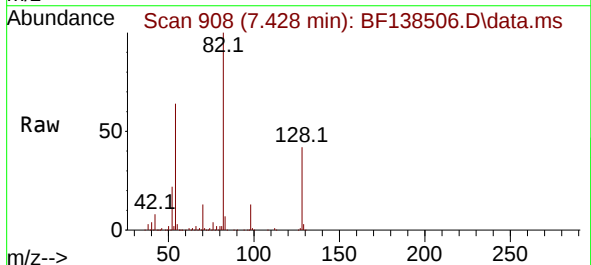
Instrument :
BNA_F
ClientSampleId :
240702040-01

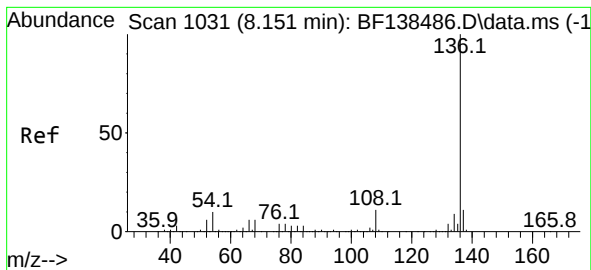
Tgt Ion: 99 Resp: 222236
Ion Ratio Lower Upper
99 100
42 24.2 19.7 29.5
71 35.8 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 16.345 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

Tgt Ion: 70 Resp: 71040
Ion Ratio Lower Upper
70 100
42 59.2 62.4 93.6#
101 0.0 7.2 10.8#
130 1.9 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

Instrument :

BNA_F

ClientSampleId :

240702040-01

Tgt Ion:136 Resp: 331947

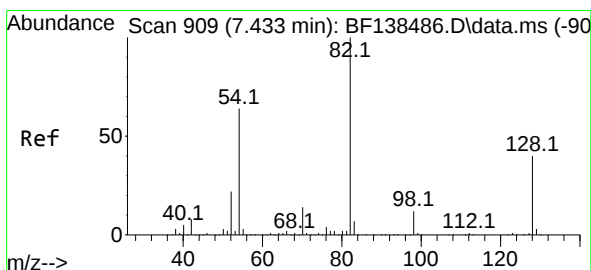
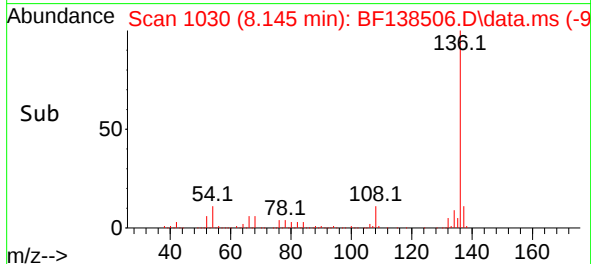
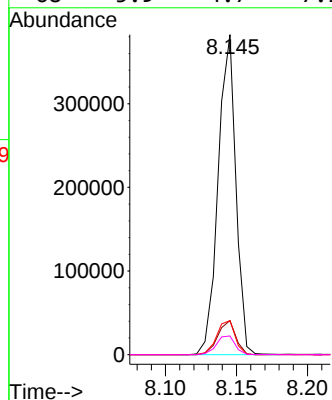
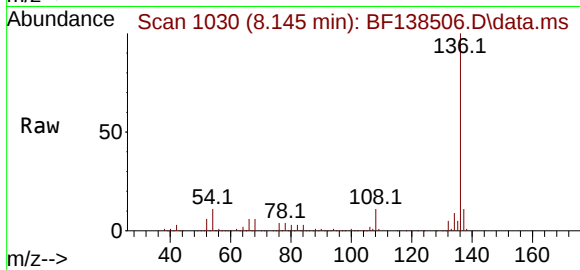
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.6 8.1 12.1

68 5.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 79.184 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

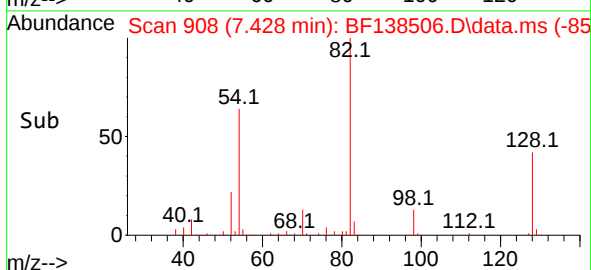
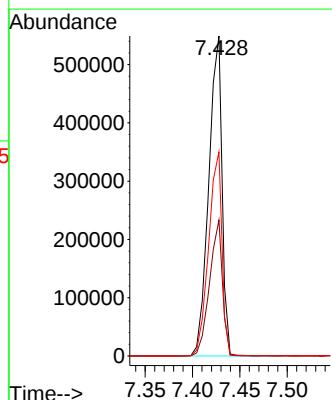
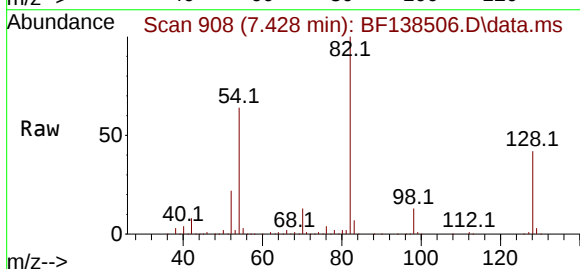
Tgt Ion: 82 Resp: 535362

Ion Ratio Lower Upper

82 100

128 42.4 32.3 48.5

54 63.8 51.4 77.0

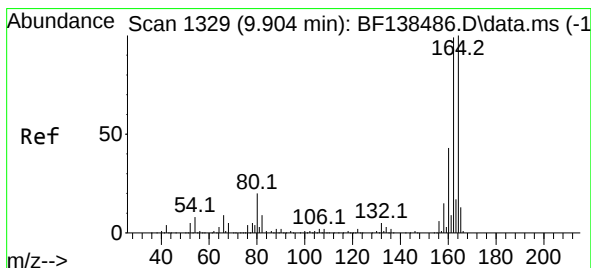
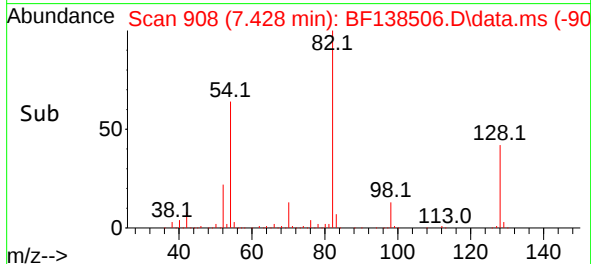
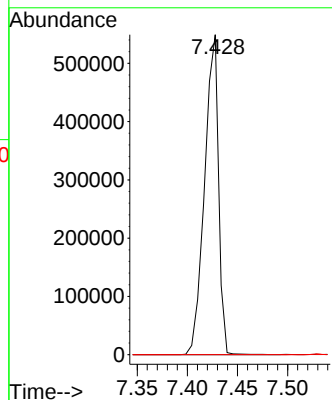
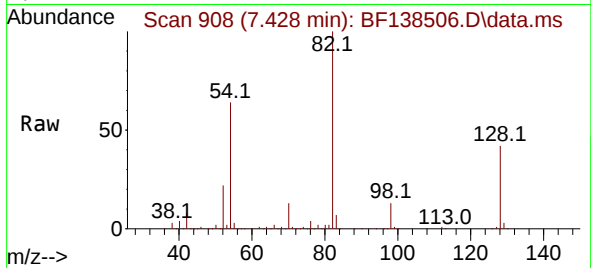




#25
Isophorone
Concen: 46.109 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

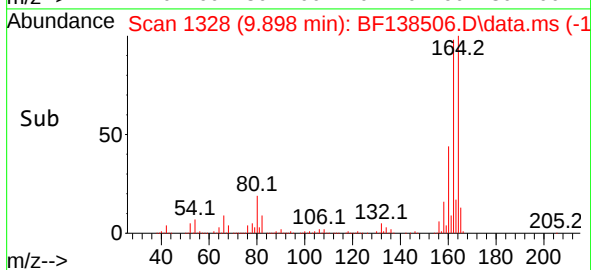
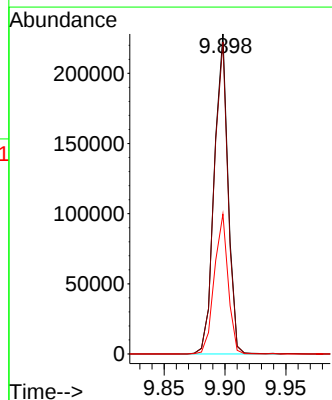
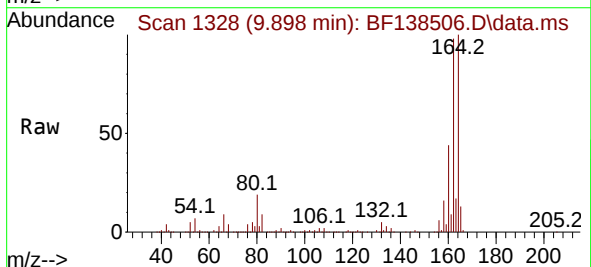
Instrument :
BNA_F
ClientSampleId :
240702040-01

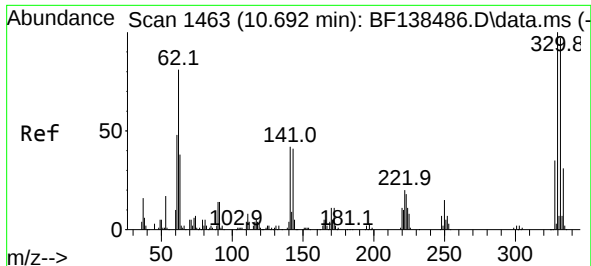
Tgt Ion: 82 Resp: 535353
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

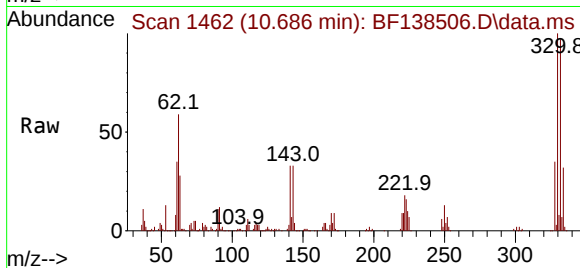
Tgt Ion:164 Resp: 178837
Ion Ratio Lower Upper
164 100
162 97.5 79.0 118.6
160 43.7 34.4 51.6



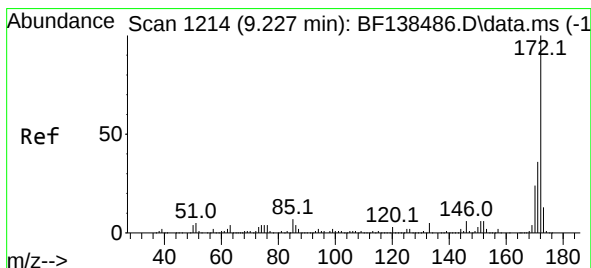
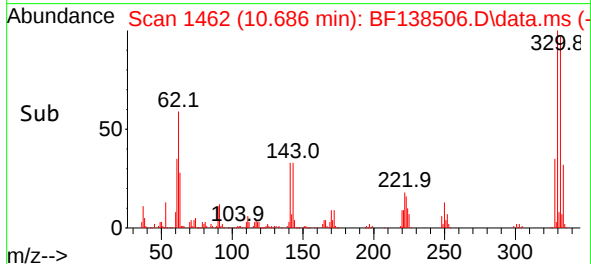
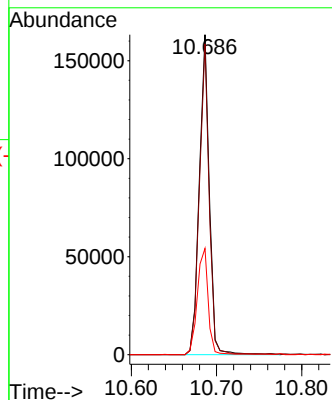


#42
2,4,6-Tribromophenol
Concen: 80.037 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

Instrument :
BNA_F
ClientSampleId :
240702040-01

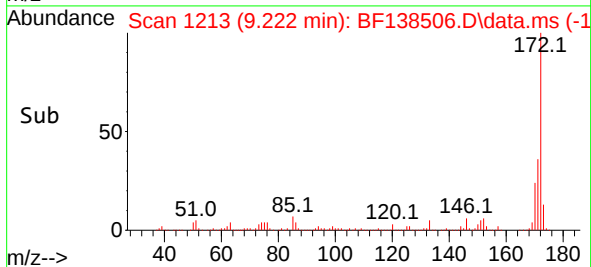
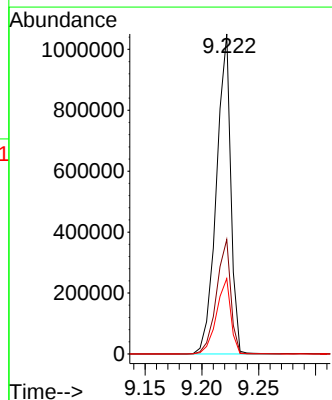
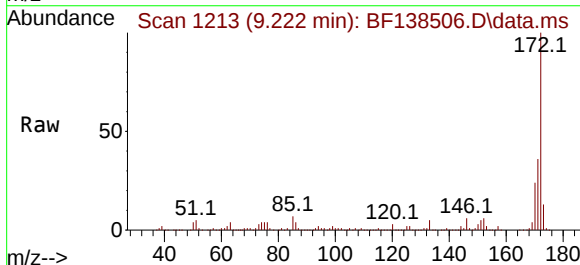


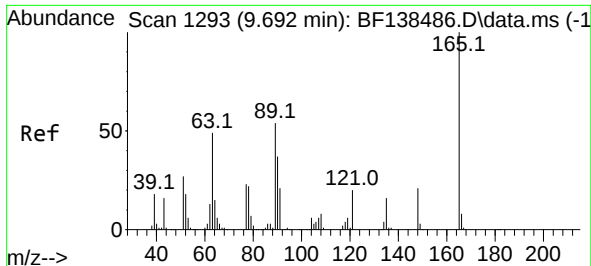
Tgt Ion: 330 Resp: 133774
Ion Ratio Lower Upper
330 100
332 94.6 76.8 115.2
141 35.8 29.4 44.2



#45
2-Fluorobiphenyl
Concen: 80.729 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

Tgt Ion: 172 Resp: 923744
Ion Ratio Lower Upper
172 100
171 35.7 28.9 43.3
170 23.5 18.9 28.3

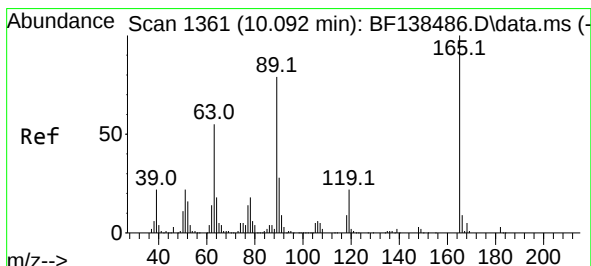
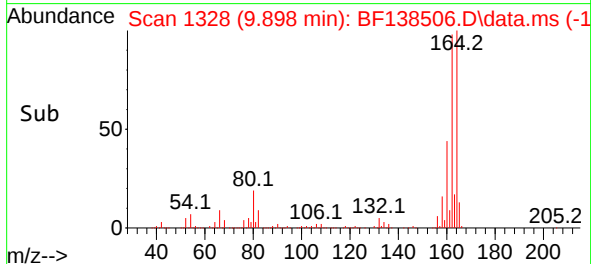
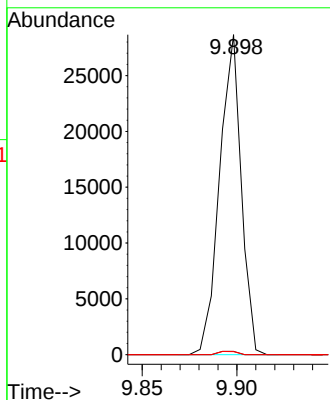
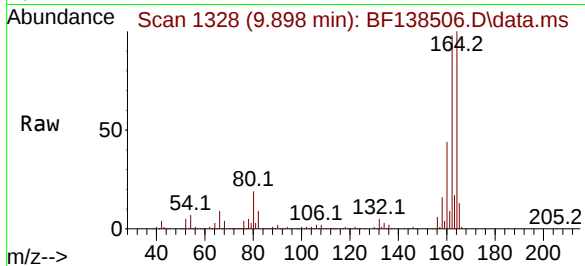




#51
2,6-Dinitrotoluene
Concen: 8.555 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

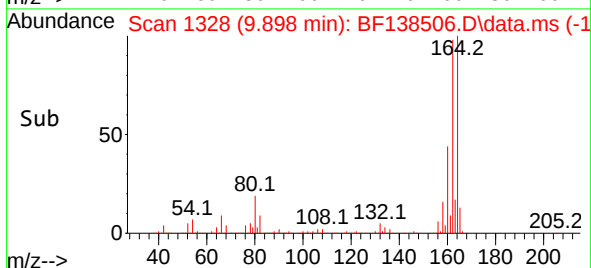
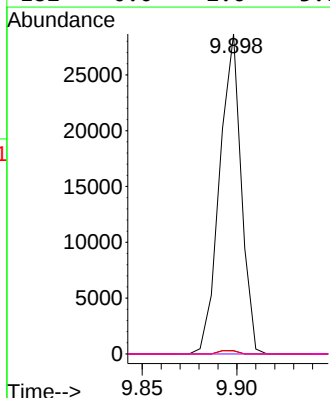
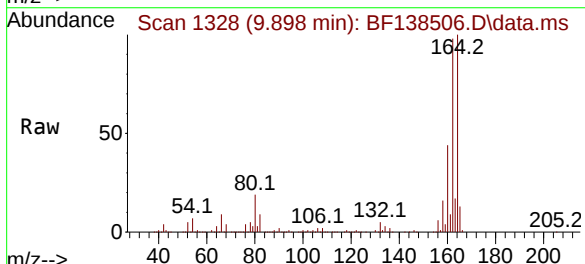
Instrument :
BNA_F
ClientSampleId :
240702040-01

Tgt Ion:165 Resp: 22777
Ion Ratio Lower Upper
165 100
63 1.1 48.1 72.1#
89 0.9 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.612 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138506.D
Acq: 10 Jul 2024 17:43

Tgt Ion:165 Resp: 22777
Ion Ratio Lower Upper
165 100
63 1.1 44.6 66.8#
89 0.9 63.4 95.2#
182 0.0 2.6 3.8#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

Instrument :

BNA_F

ClientSampleId :

240702040-01

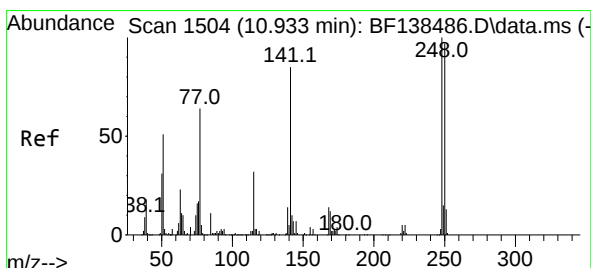
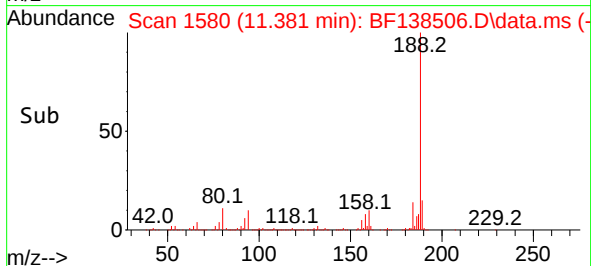
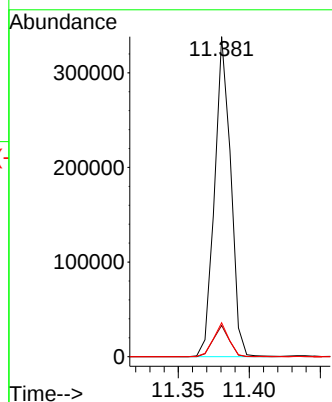
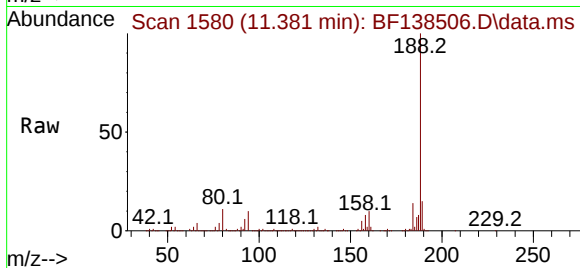
Tgt Ion:188 Resp: 267746

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

80 10.6 9.0 13.4



#67

4-Bromophenyl-phenylether

Concen: 3.144 ng

RT: 10.686 min Scan# 1462

Delta R.T. -0.247 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

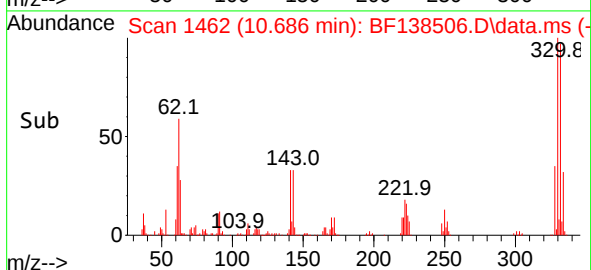
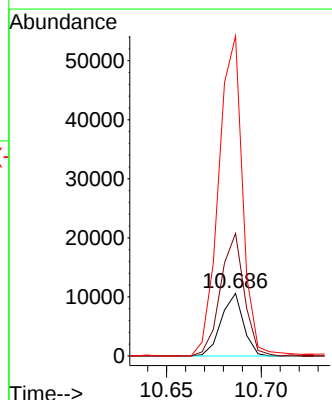
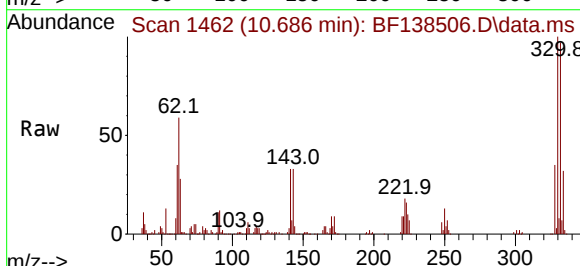
Tgt Ion:248 Resp: 8651

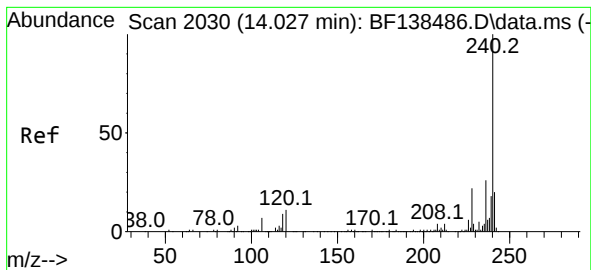
Ion Ratio Lower Upper

248 100

250 195.9 77.9 116.9#

141 511.4 67.7 101.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.016 min Scan# 2030

Delta R.T. -0.012 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

Instrument :

BNA_F

ClientSampleId :

240702040-01

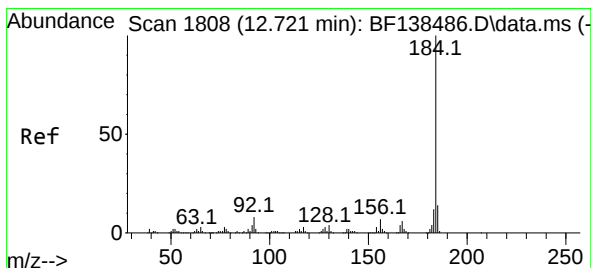
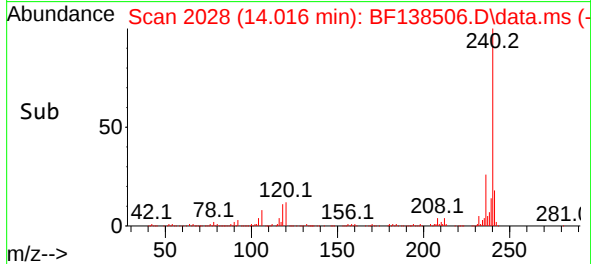
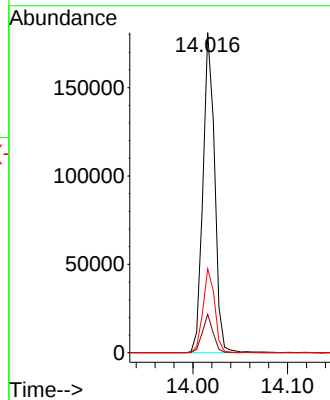
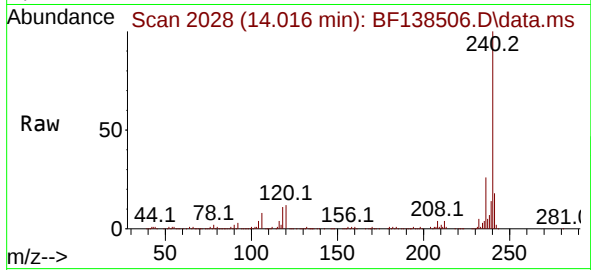
Tgt Ion:240 Resp: 154915

Ion Ratio Lower Upper

240 100

120 12.0 8.6 12.8

236 26.2 21.0 31.6



#77

Benzidine

Concen: 2.810 ng

RT: 12.969 min Scan# 1850

Delta R.T. 0.248 min

Lab File: BF138506.D

Acq: 10 Jul 2024 17:43

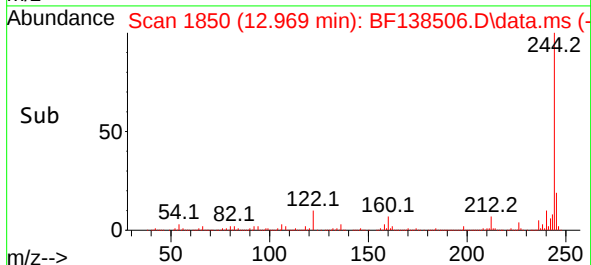
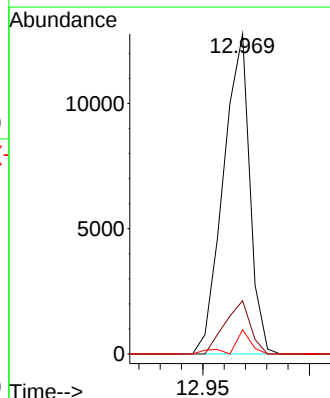
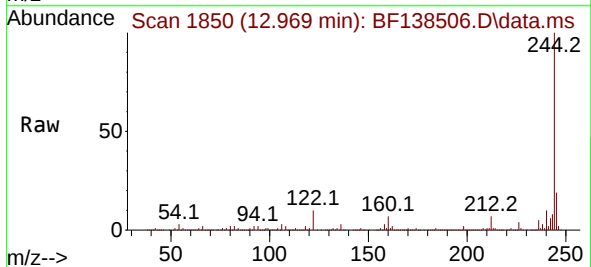
Tgt Ion:184 Resp: 10984

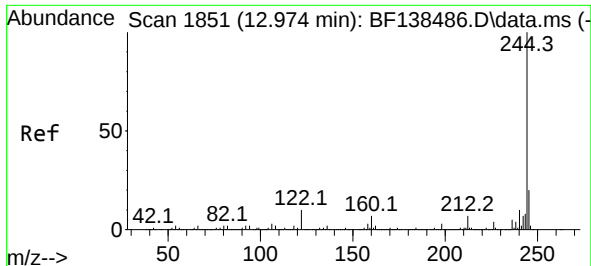
Ion Ratio Lower Upper

184 100

185 16.6 11.3 16.9

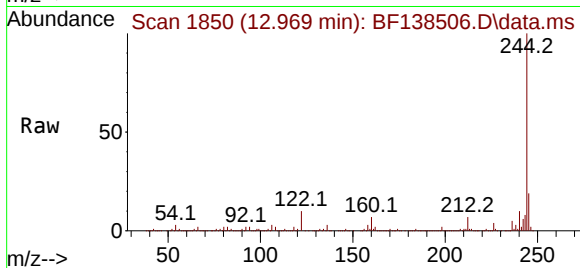
183 7.5 9.5 14.3#



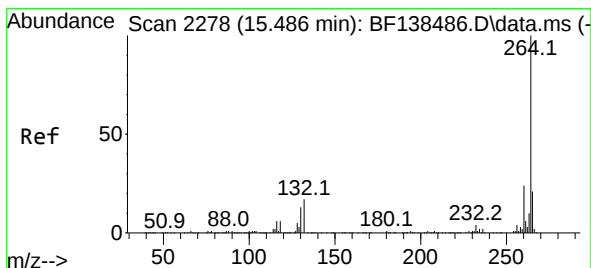
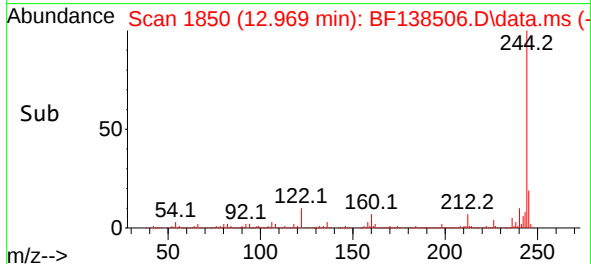
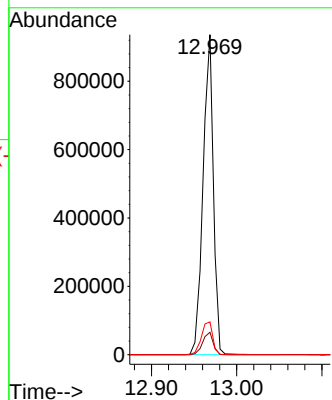


#79
 Terphenyl-d14
 Concen: 82.780 ng
 RT: 12.969 min Scan# 1851
 Delta R.T. -0.006 min
 Lab File: BF138506.D
 Acq: 10 Jul 2024 17:43

Instrument :
 BNA_F
 ClientSampleId :
 240702040-01



Tgt Ion:244 Resp: 787163
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 10.2 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. -0.006 min
 Lab File: BF138506.D
 Acq: 10 Jul 2024 17:43

Tgt Ion:264 Resp: 170636
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.1 17.0 25.4

