

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138511.D
 Acq On : 10 Jul 2024 20:19
 Operator : CG\JU
 Sample : P3186-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jul 11 00:53:08 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)

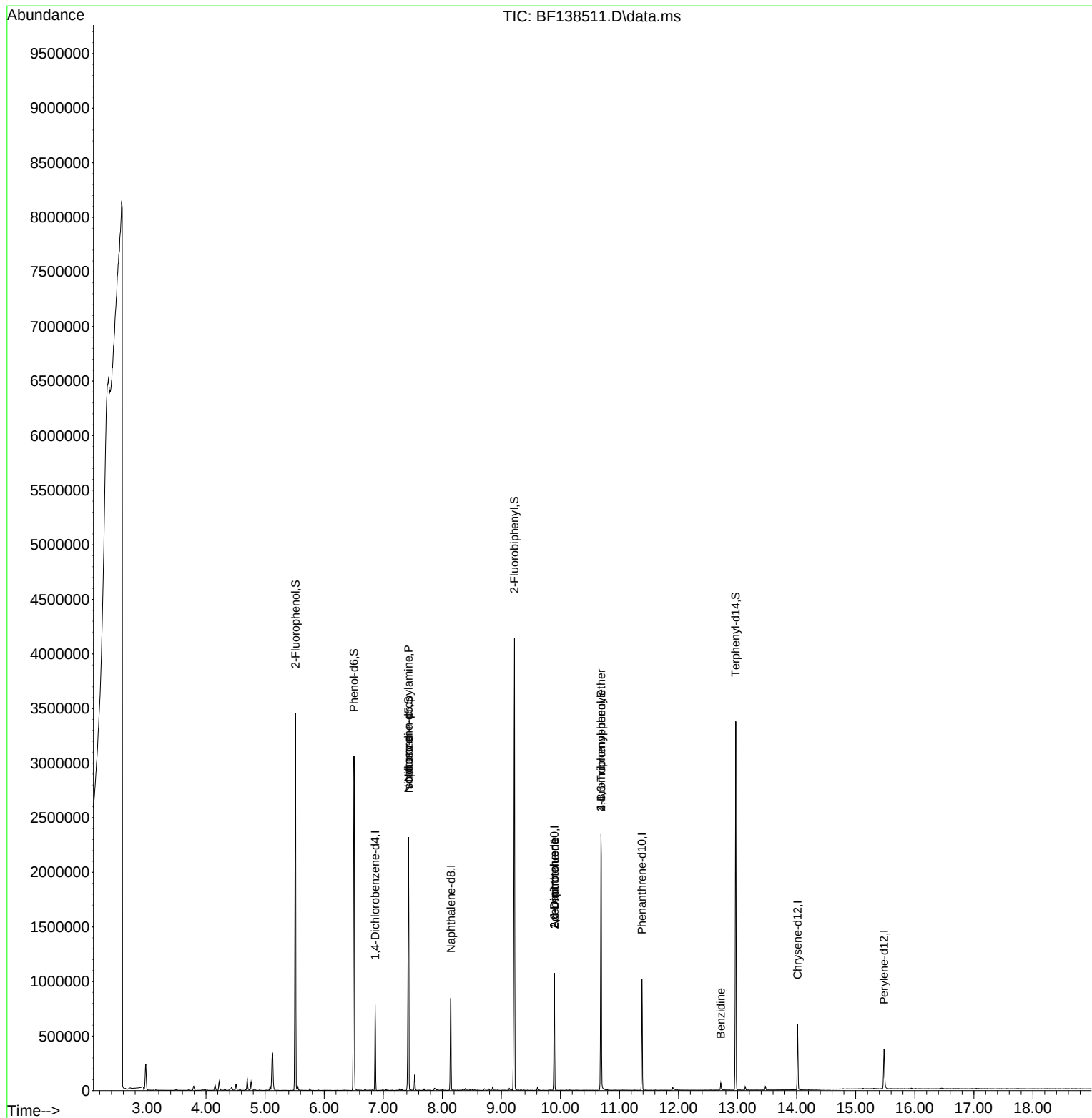
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	95992	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	390242	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	213556	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	341284	20.000	ng	0.00
76) Chrysene-d12	14.016	240	181865	20.000	ng	-0.01
86) Perylene-d12	15.480	264	169836	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	862816	142.355	ng	0.02
7) Phenol-d6	6.504	99	1136273	140.925	ng	0.00
23) Nitrobenzene-d5	7.428	82	779869	98.118	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	281372	140.975	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1327610	97.161	ng	0.00
79) Terphenyl-d14	12.969	244	1098405	98.393	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	107094	21.496	ng	# 75
25) Isophorone	7.428	82	779862	57.134	ng	# 68
51) 2,6-Dinitrotoluene	9.898	165	27746	8.727	ng	# 24
57) 2,4-Dinitrotoluene	9.898	165	27746	6.745	ng	# 18
67) 4-Bromophenyl-phenylether	10.692	248	19215	5.478	ng	# 1
77) Benzidine	12.716	184	21788	4.748	ng	98

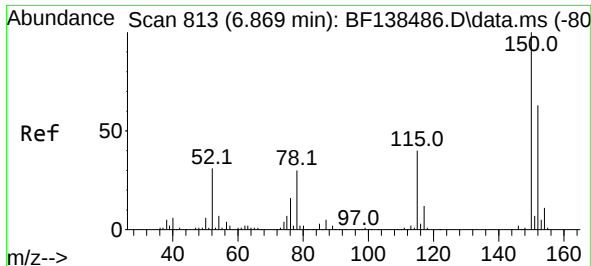
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
Data File : BF138511.D
Acq On : 10 Jul 2024 20:19
Operator : CG\JU
Sample : P3186-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4

Quant Time: Jul 11 00:53:08 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

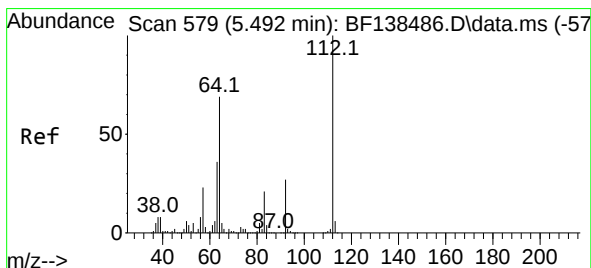
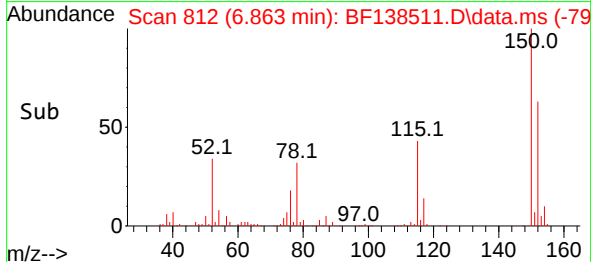
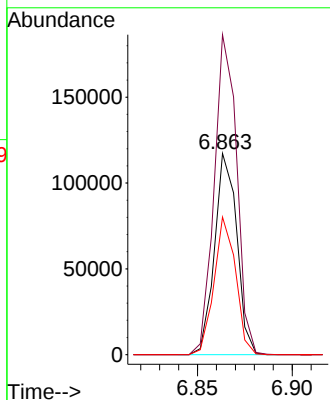
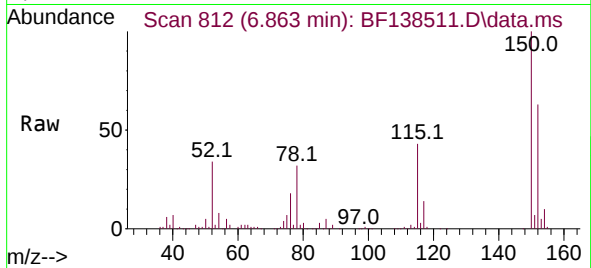




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

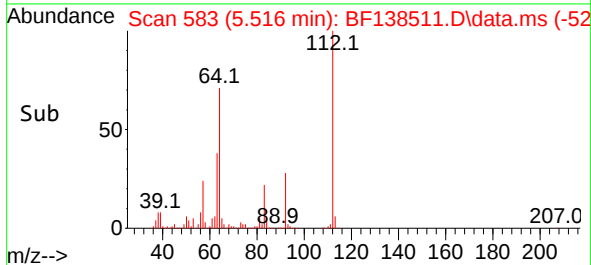
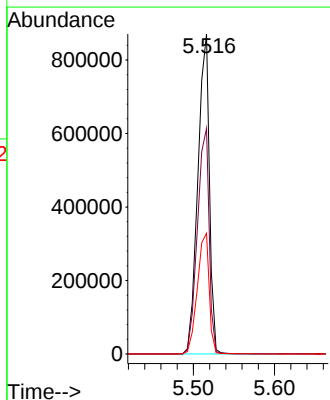
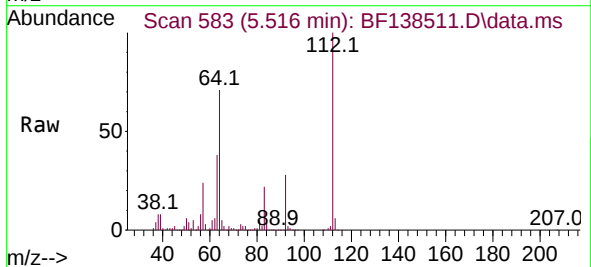
Instrument :
BNA_F
ClientSampleId :
WC-4

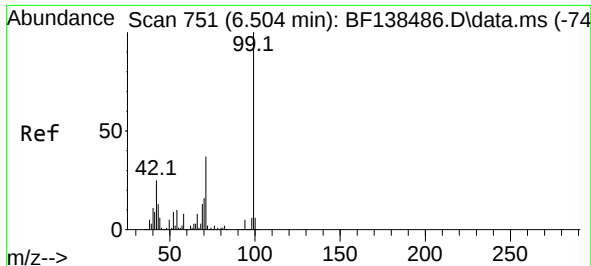
Tgt Ion:152 Resp: 95992
Ion Ratio Lower Upper
152 100
150 159.0 126.2 189.4
115 68.4 50.3 75.5



#5
2-Fluorophenol
Concen: 142.355 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Tgt Ion:112 Resp: 862816
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.8 29.0 43.6



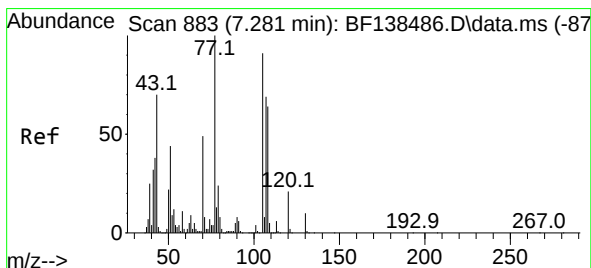
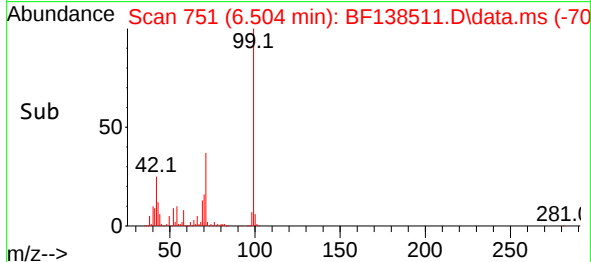
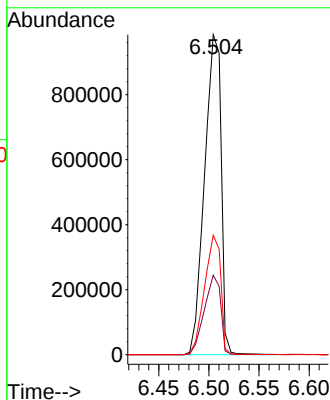
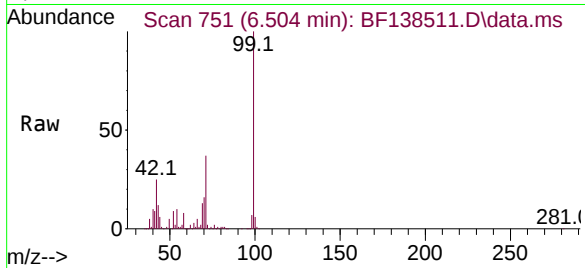


#7
Phenol-d6
Concen: 140.925 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion: 99 Resp: 1136273

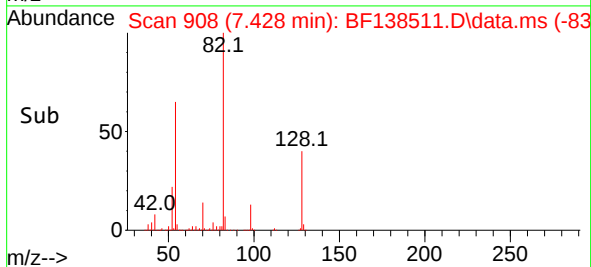
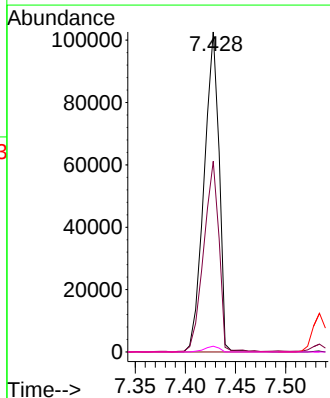
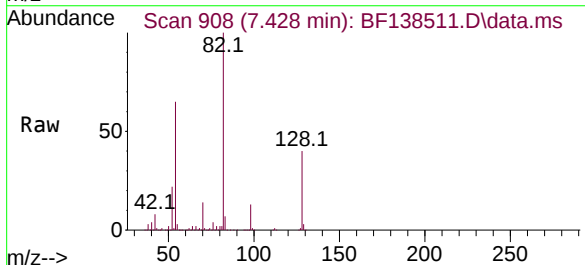
Ion	Ratio	Lower	Upper
99	100		
42	24.9	19.7	29.5
71	37.3	29.9	44.9

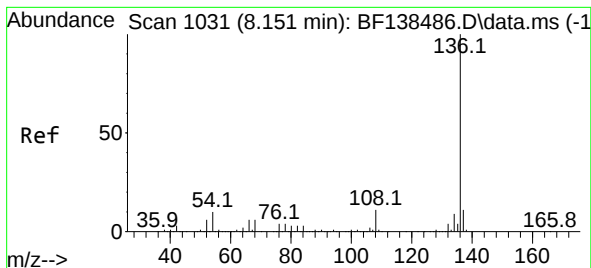


#19
n-Nitroso-di-n-propylamine
Concen: 21.496 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Tgt Ion: 70 Resp: 107094

Ion	Ratio	Lower	Upper
70	100		
42	59.6	62.4	93.6#
101	0.0	7.2	10.8#
130	1.8	15.7	23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138511.D

Acq: 10 Jul 2024 20:19

Instrument :

BNA_F

ClientSampleId :

WC-4

Tgt Ion:136 Resp: 390242

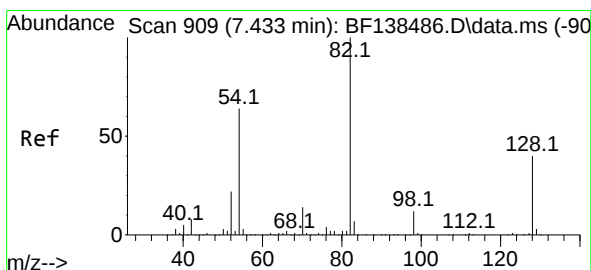
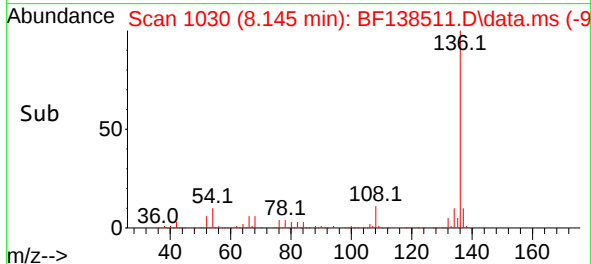
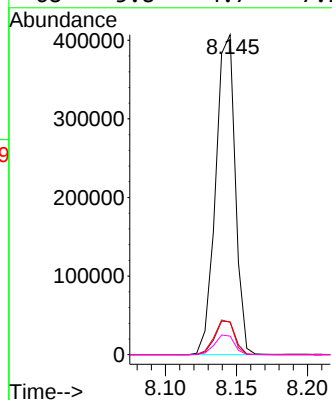
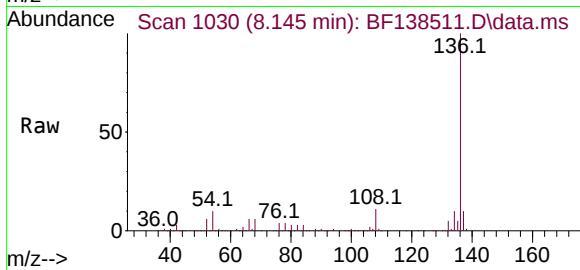
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 10.1 8.1 12.1

68 5.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 98.118 ng

RT: 7.428 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF138511.D

Acq: 10 Jul 2024 20:19

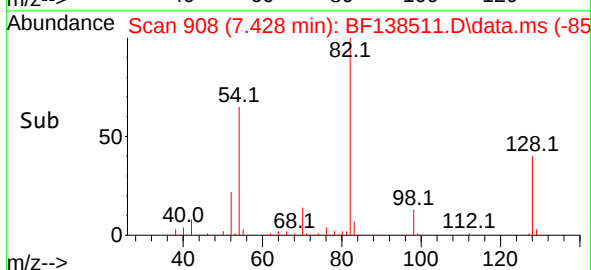
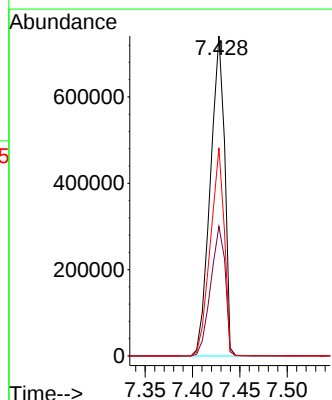
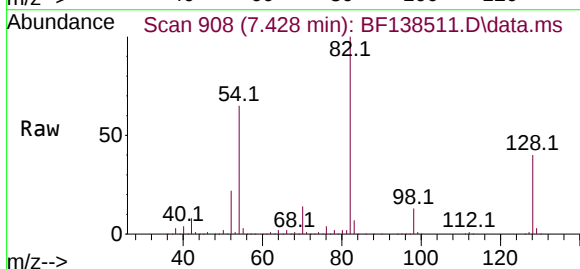
Tgt Ion: 82 Resp: 779869

Ion Ratio Lower Upper

82 100

128 40.5 32.3 48.5

54 65.1 51.4 77.0

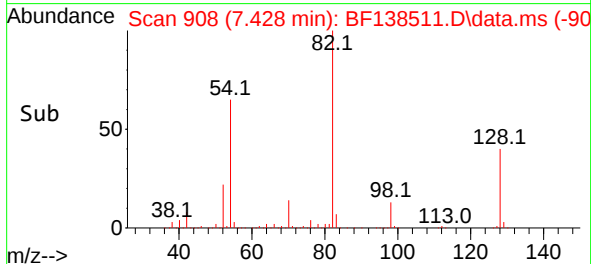
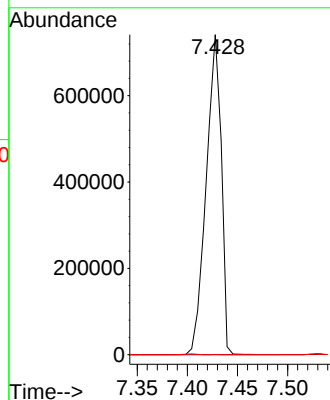
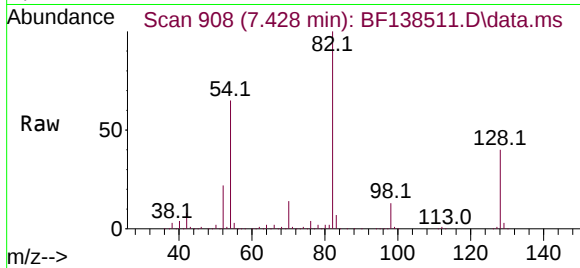




#25
Isophorone
Concen: 57.134 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

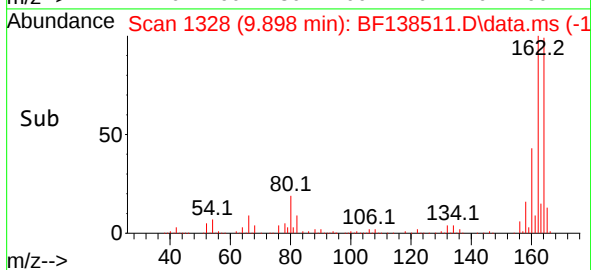
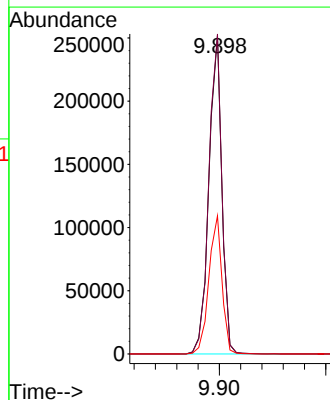
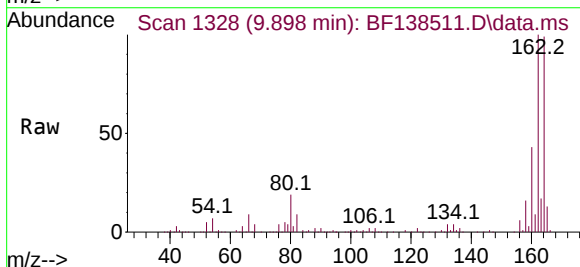
Instrument :
BNA_F
ClientSampleId :
WC-4

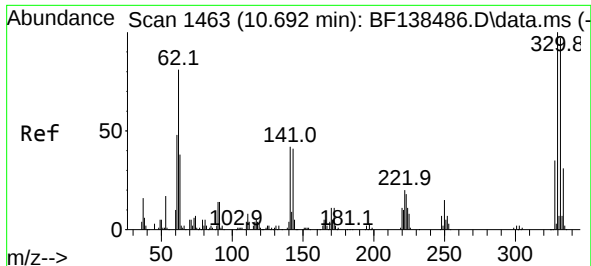
Tgt Ion: 82 Resp: 779862
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Tgt Ion: 164 Resp: 213556
Ion Ratio Lower Upper
164 100
162 100.5 79.0 118.6
160 43.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 140.975 ng

RT: 10.692 min Scan# 1463

Delta R.T. 0.000 min

Lab File: BF138511.D

Acq: 10 Jul 2024 20:19

Instrument :

BNA_F

ClientSampleId :

WC-4

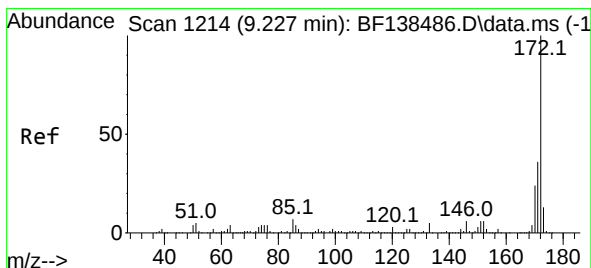
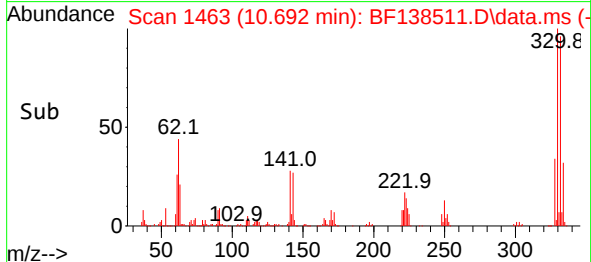
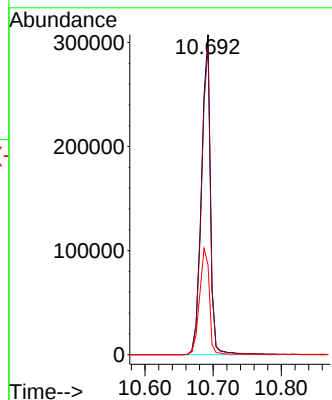
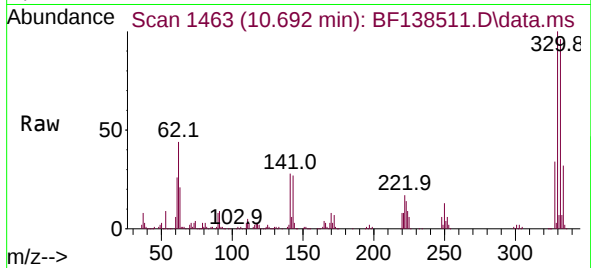
Tgt Ion:330 Resp: 281372

Ion Ratio Lower Upper

330 100

332 96.4 76.8 115.2

141 36.0 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 97.161 ng

RT: 9.222 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF138511.D

Acq: 10 Jul 2024 20:19

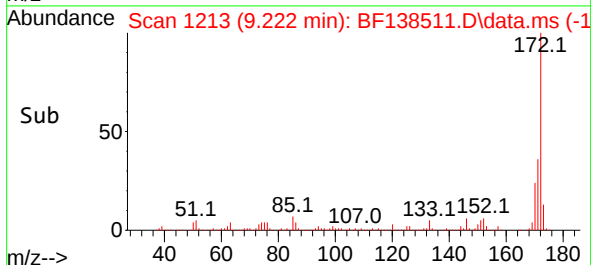
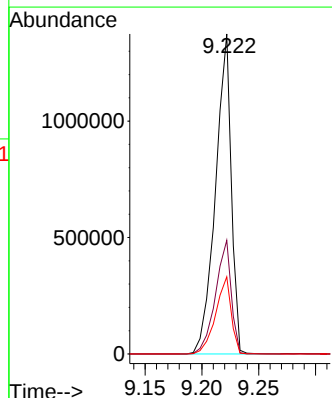
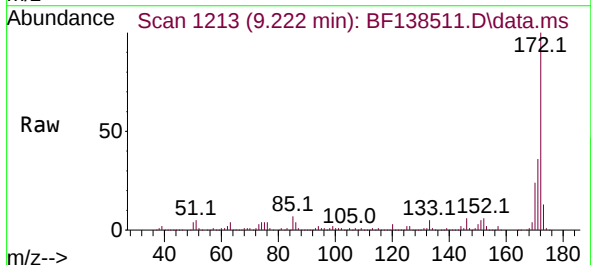
Tgt Ion:172 Resp: 1327610

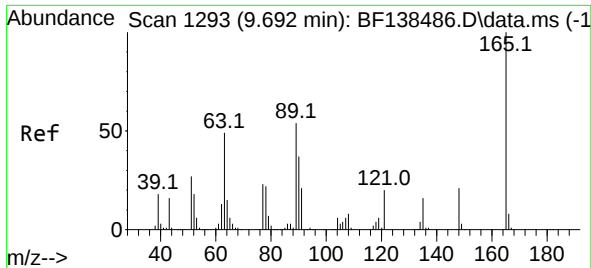
Ion Ratio Lower Upper

172 100

171 35.5 28.9 43.3

170 24.1 18.9 28.3

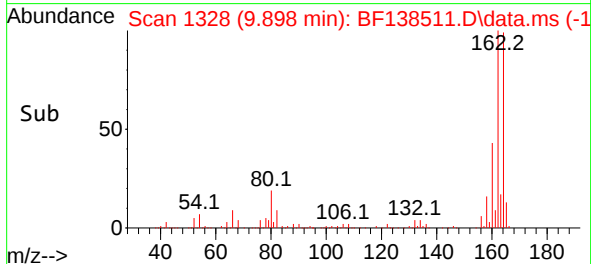
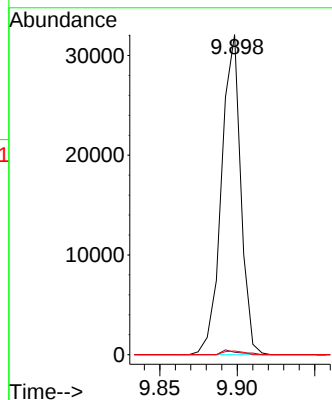
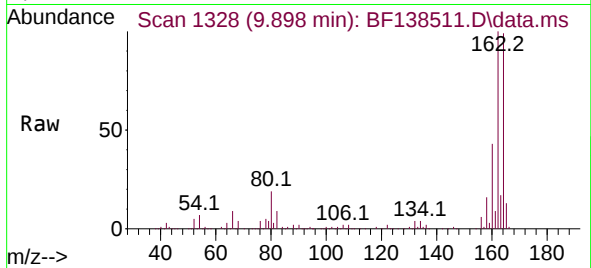




#51
2,6-Dinitrotoluene
Concen: 8.727 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

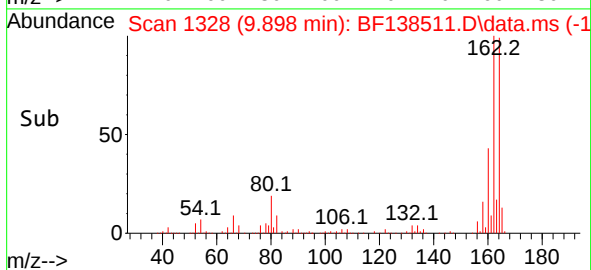
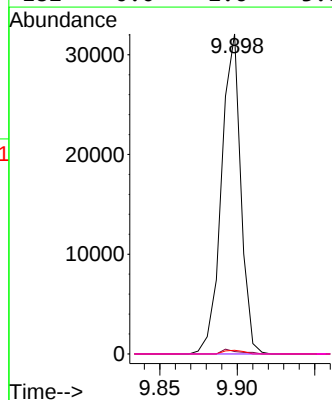
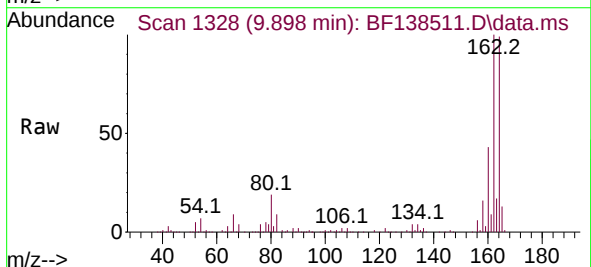
Instrument :
BNA_F
ClientSampleId :
WC-4

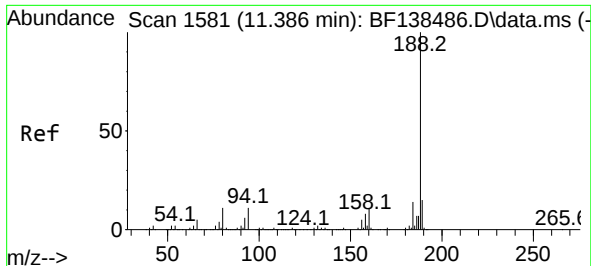
Tgt Ion:165 Resp: 27746
Ion Ratio Lower Upper
165 100
63 0.8 48.1 72.1#
89 1.2 43.0 64.6#



#57
2,4-Dinitrotoluene
Concen: 6.745 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Tgt Ion:165 Resp: 27746
Ion Ratio Lower Upper
165 100
63 0.8 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#

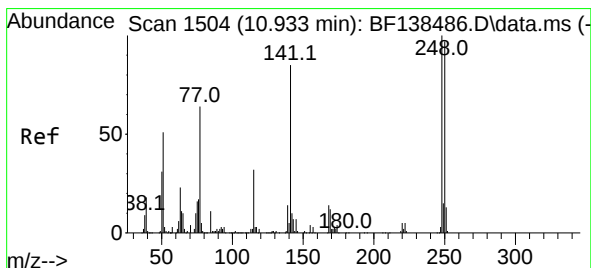
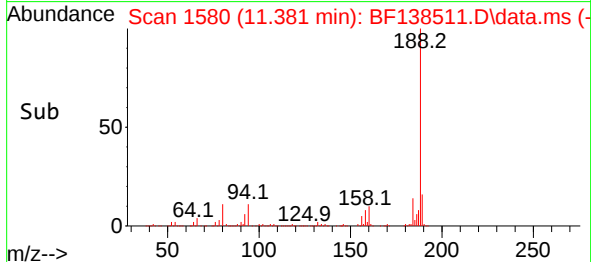
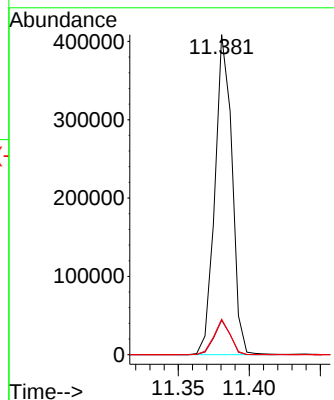
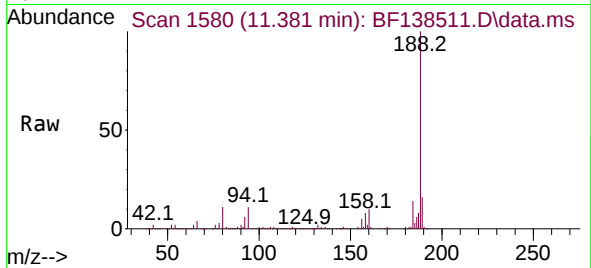




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

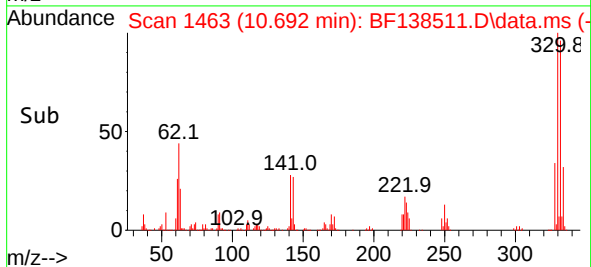
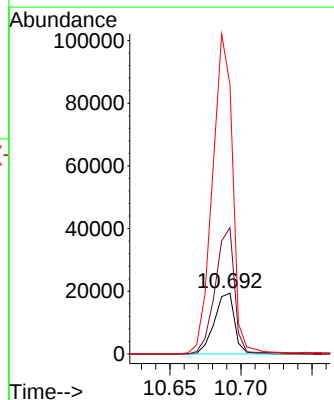
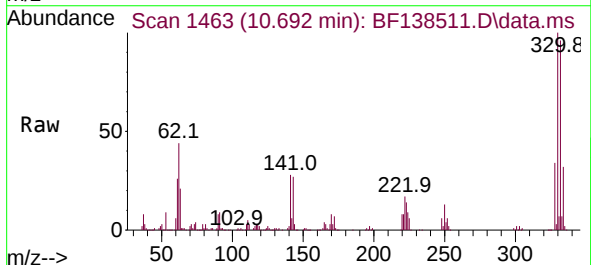
Instrument :
BNA_F
ClientSampleId :
WC-4

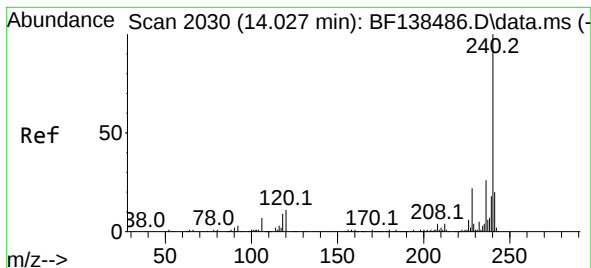
Tgt Ion:188 Resp: 341284
Ion Ratio Lower Upper
188 100
94 10.7 8.7 13.1
80 11.1 9.0 13.4



#67
4-Bromophenyl-phenylether
Concen: 5.478 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF138511.D
Acq: 10 Jul 2024 20:19

Tgt Ion:248 Resp: 19215
Ion Ratio Lower Upper
248 100
250 207.6 77.9 116.9#
141 442.7 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: BF138511.D

Acq: 10 Jul 2024 20:19

Instrument :

BNA_F

ClientSampleId :

WC-4

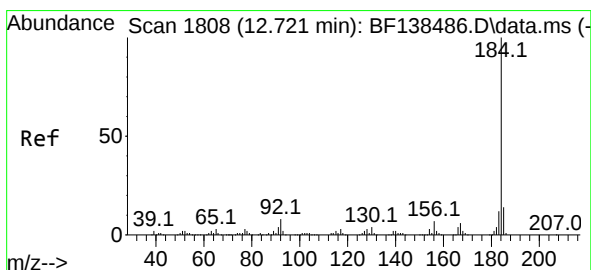
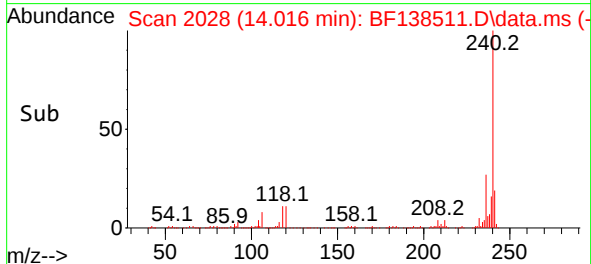
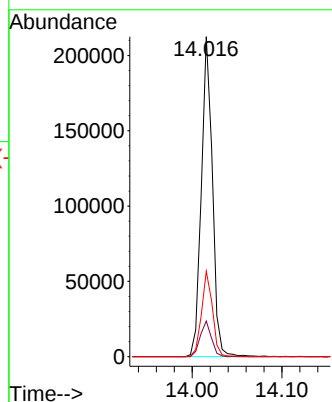
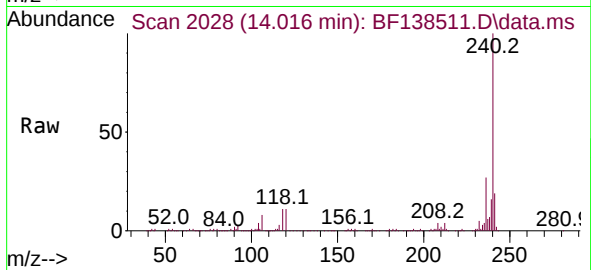
Tgt Ion:240 Resp: 181865

Ion Ratio Lower Upper

240 100

120 11.2 8.6 12.8

236 26.7 21.0 31.6



#77

Benzidine

Concen: 4.748 ng

RT: 12.716 min Scan# 1807

Delta R.T. -0.005 min

Lab File: BF138511.D

Acq: 10 Jul 2024 20:19

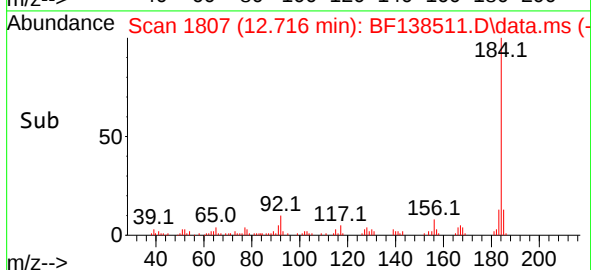
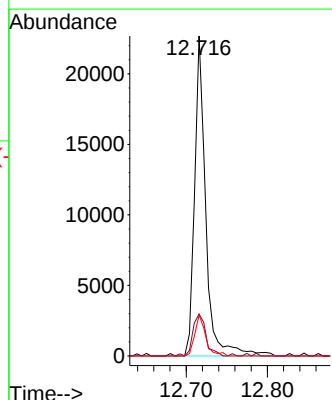
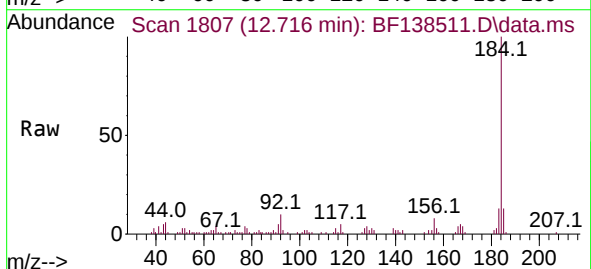
Tgt Ion:184 Resp: 21788

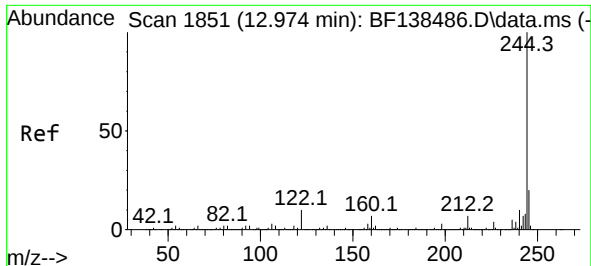
Ion Ratio Lower Upper

184 100

185 13.1 11.3 16.9

183 12.8 9.5 14.3

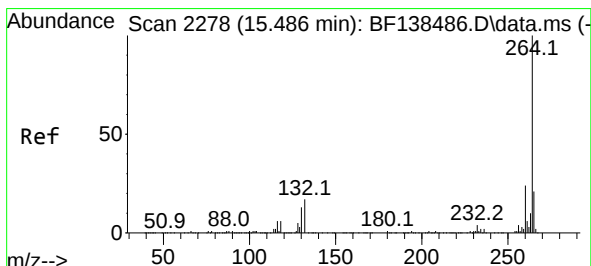
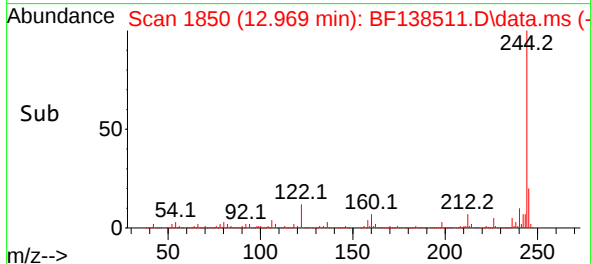
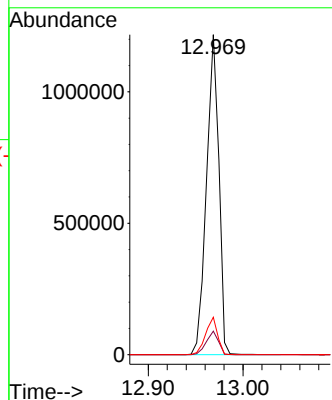
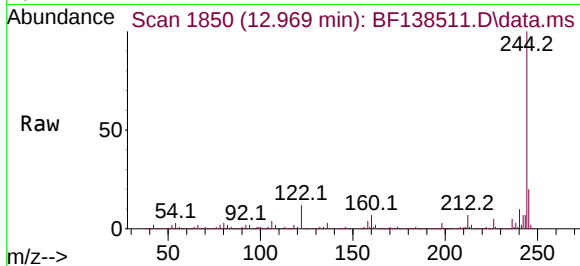




#79
 Terphenyl-d14
 Concen: 98.393 ng
 RT: 12.969 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF138511.D
 Acq: 10 Jul 2024 20:19

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 1098405
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 11.7 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: BF138511.D
 Acq: 10 Jul 2024 20:19

Tgt Ion:264 Resp: 169836
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.0 28.6
 265 21.2 17.0 25.4

