

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138355.D
 Acq On : 26 Jun 2024 16:56
 Operator : CG\JU
 Sample : P2915-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1

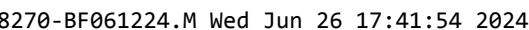
Quant Time: Jun 26 17:41:15 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

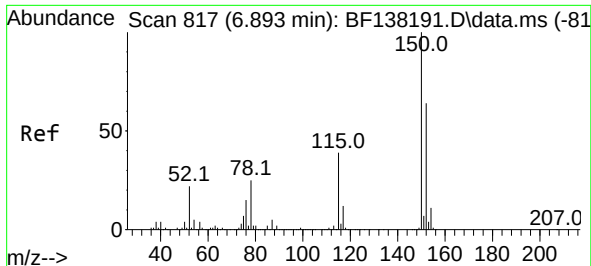
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	211579	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	832294	20.000	ng	-0.02
39) Acenaphthene-d10	9.916	164	471596	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	784913	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	493226	20.000	ng	-0.02
86) Perylene-d12	15.504	264	495831	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1184006	93.612	ng	0.00
7) Phenol-d6	6.510	99	1472096	91.787	ng	-0.01
23) Nitrobenzene-d5	7.439	82	919698	64.330	ng	-0.02
42) 2,4,6-Tribromophenol	10.704	330	473291	100.811	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	1858251	62.657	ng	-0.02
79) Terphenyl-d14	12.986	244	1850270	59.415	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	122293	12.864	ng	# 76
25) Isophorone	7.439	82	918224	35.508	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	61810	9.860	ng	# 25
54) 2,4-Dinitrophenol	9.969	184	155	4.271	ng	# 94
57) 2,4-Dinitrotoluene	9.910	165	61810	7.994	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.698	198	908	7.128	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	29621	3.349	ng	# 1
77) Benzidine	12.986	184	22514	3.946	ng	# 95

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

Quant Time: Jun 26 17:41:15 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

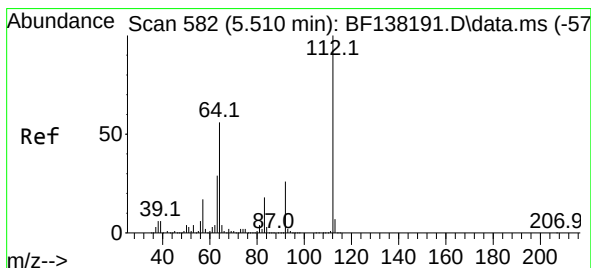
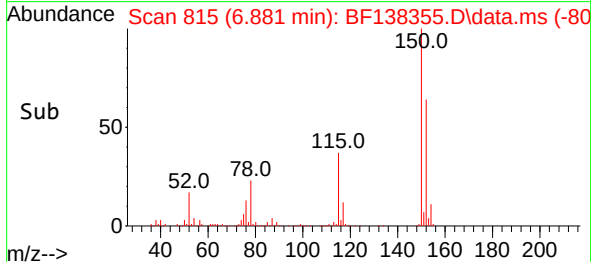
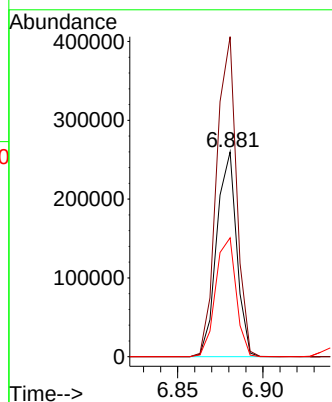
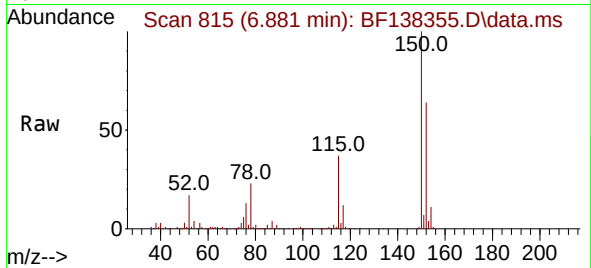




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

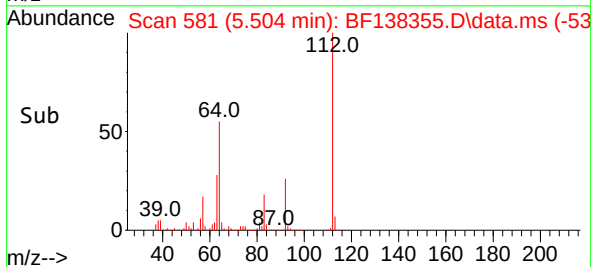
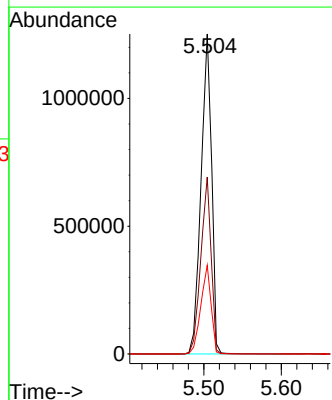
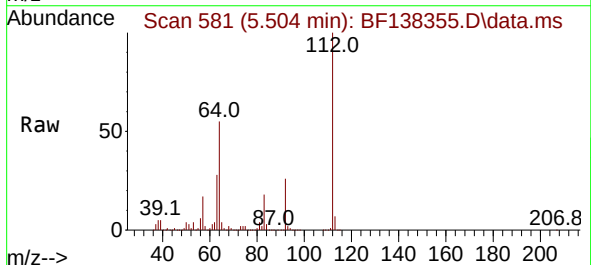
Instrument :
BNA_F
ClientSampleId :
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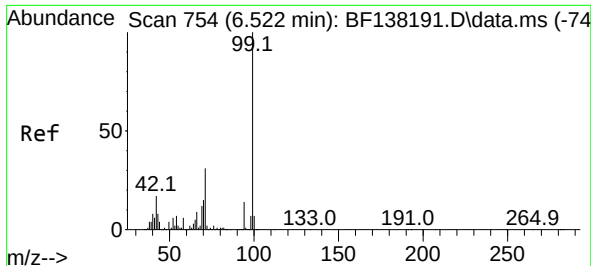
Tgt Ion:152 Resp: 211579
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 58.0 48.4 72.6



#5
2-Fluorophenol
Concen: 93.612 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:112 Resp: 1184006
Ion Ratio Lower Upper
112 100
64 55.3 45.2 67.8
63 27.7 22.9 34.3

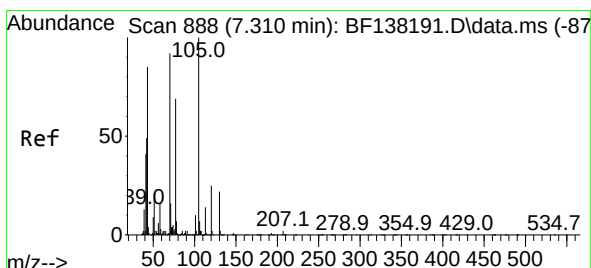
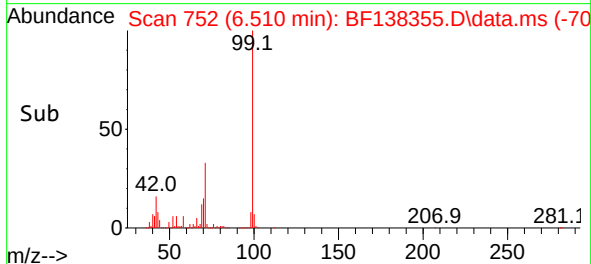
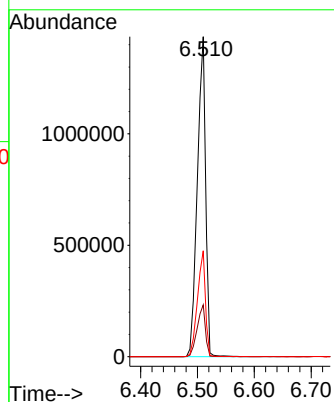
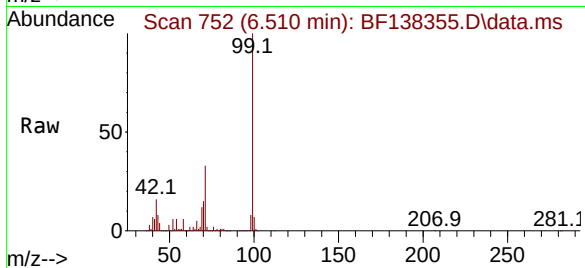




#7
Phenol-d6
Concen: 91.787 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

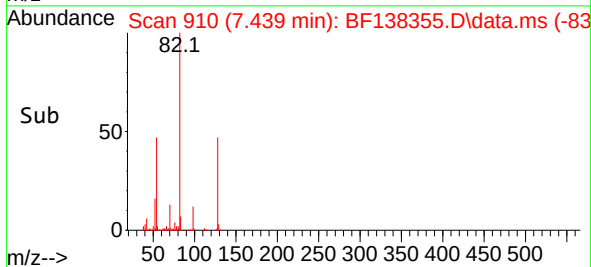
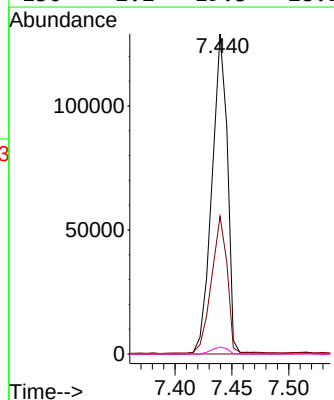
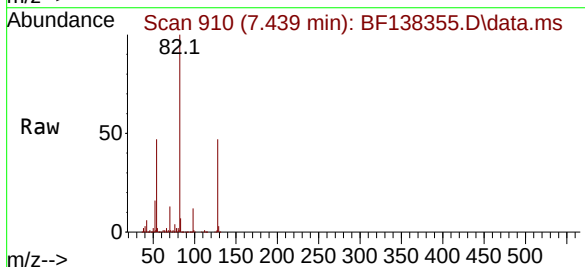
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

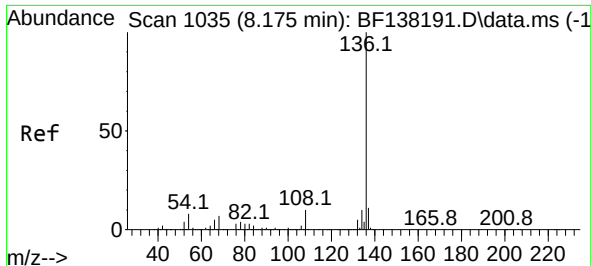
Tgt Ion: 99 Resp: 1472096
Ion Ratio Lower Upper
99 100
42 16.2 13.7 20.5
71 33.1 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.864 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.129 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion: 70 Resp: 122293
Ion Ratio Lower Upper
70 100
42 43.0 42.8 64.2
101 0.0 8.4 12.6#
130 2.2 19.3 28.9#

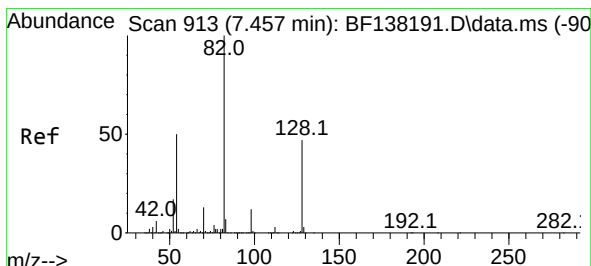
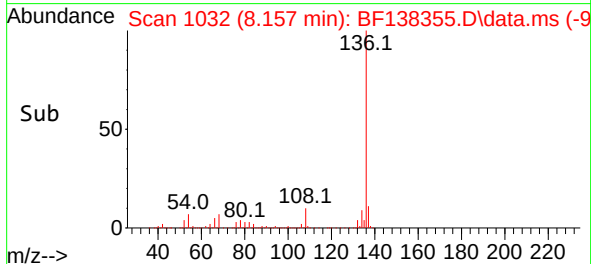
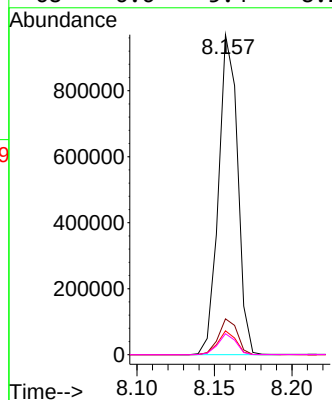
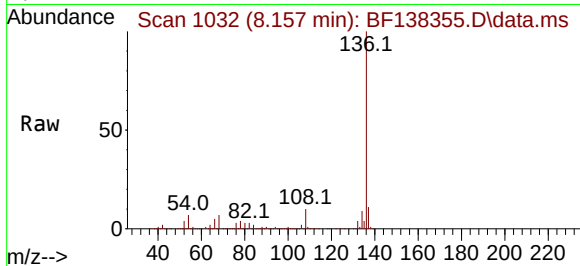




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

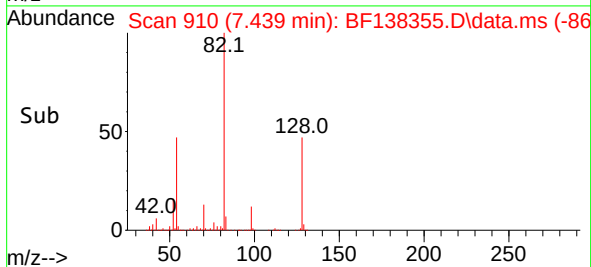
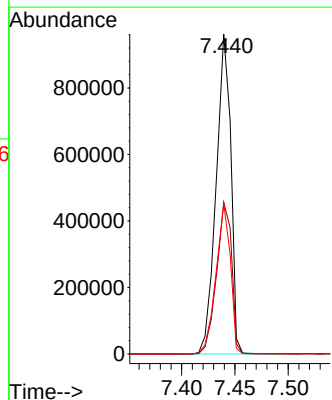
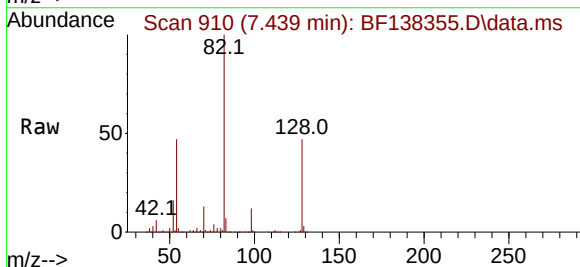
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

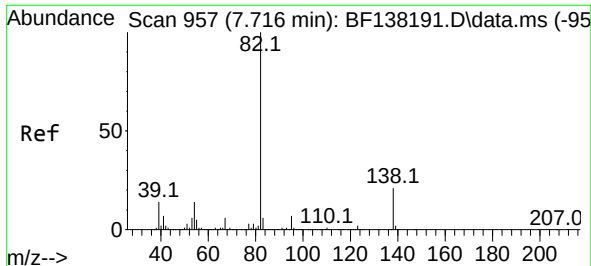
Tgt	Ion:136	Resp:	832294
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.5	6.6	10.0
68	6.6	5.4	8.2



#23
Nitrobenzene-d5
Concen: 64.330 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion: 82	Resp: 919698
Ion Ratio	Lower Upper
82 100	
128 47.4	37.2 55.8
54 47.0	39.8 59.6

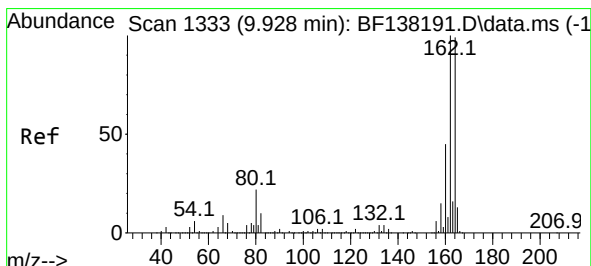
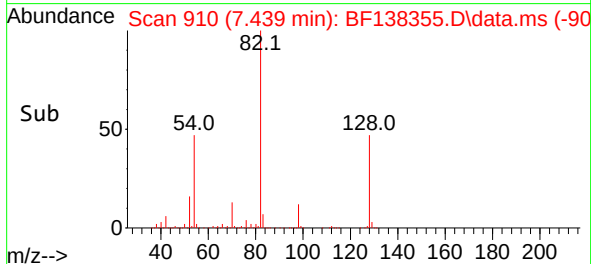
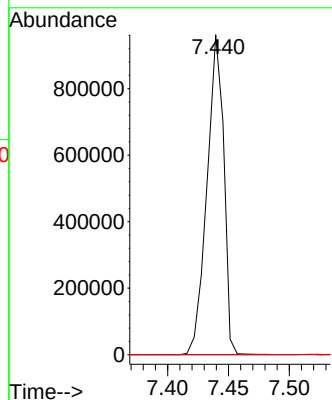
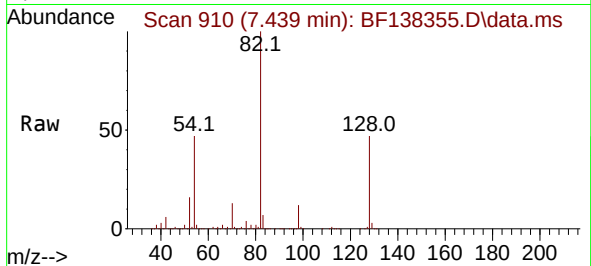




#25
Isophorone
Concen: 35.508 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.277 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

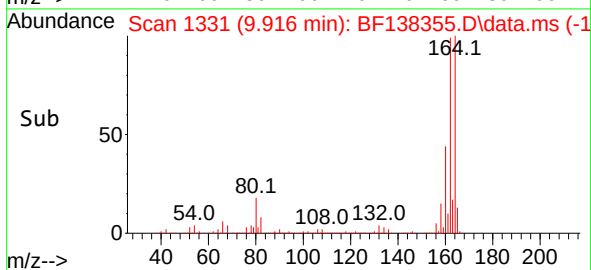
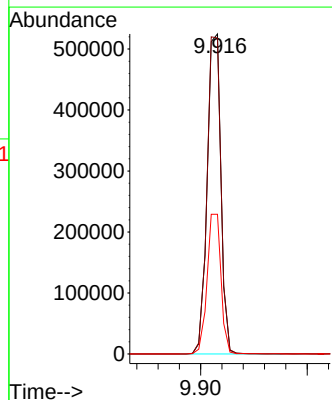
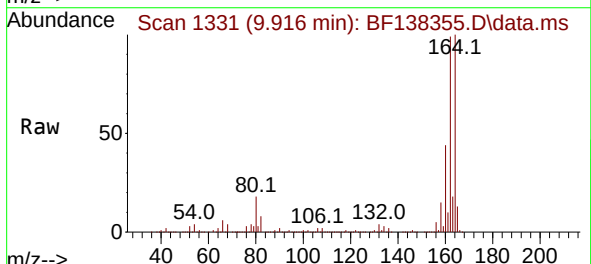
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

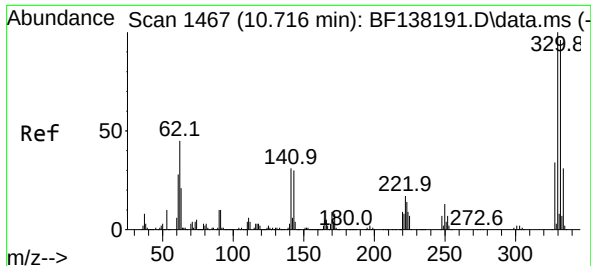
Tgt Ion: 82 Resp: 918224
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

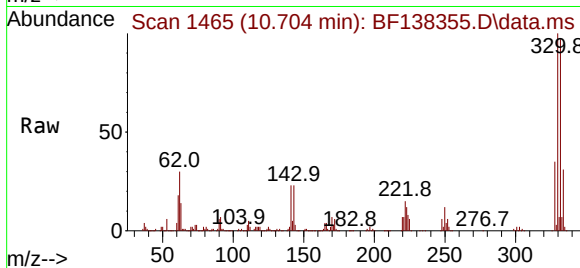
Tgt Ion:164 Resp: 471596
Ion Ratio Lower Upper
164 100
162 98.7 80.6 121.0
160 43.7 36.3 54.5



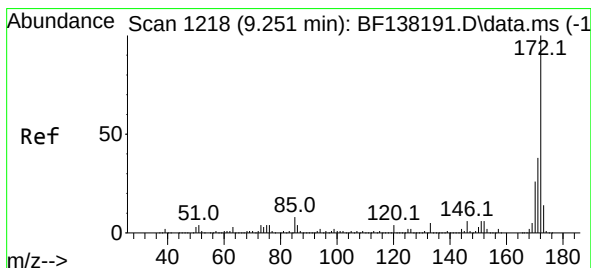
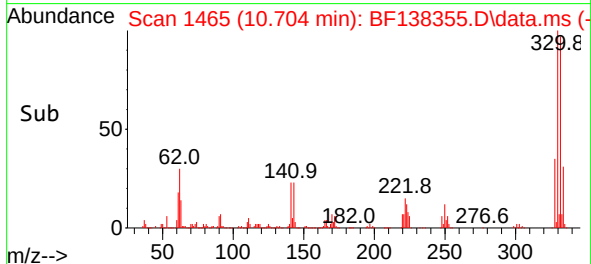
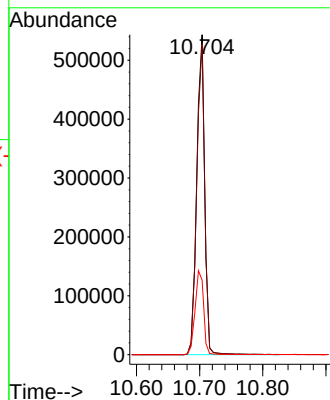


#42
2,4,6-Tribromophenol
Concen: 100.811 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

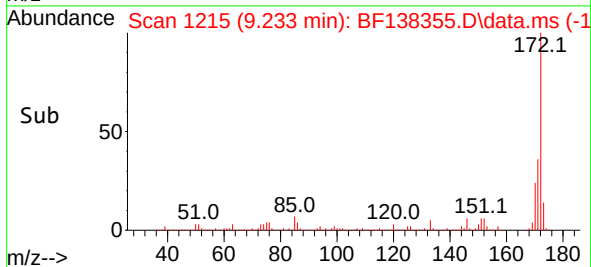
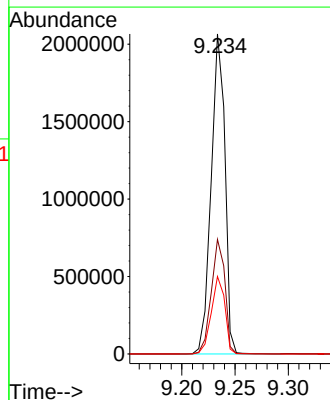
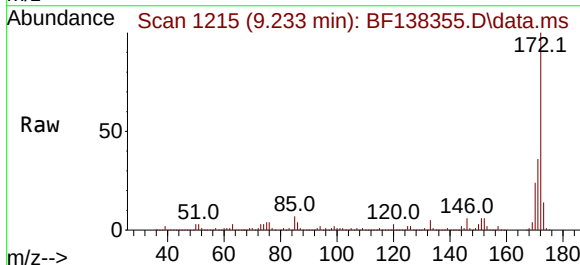


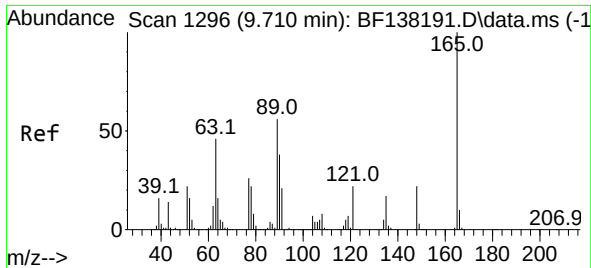
Tgt Ion:330 Resp: 473291
Ion Ratio Lower Upper
330 100
332 97.4 76.6 115.0
141 28.4 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 62.657 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:172 Resp: 1858251
Ion Ratio Lower Upper
172 100
171 35.8 30.3 45.5
170 24.2 20.6 30.8

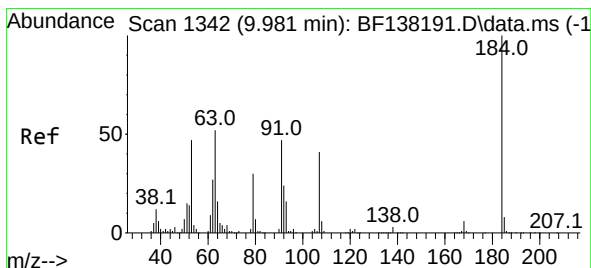
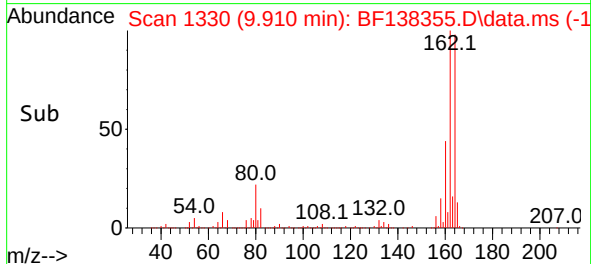
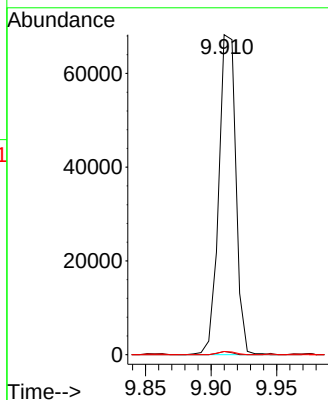
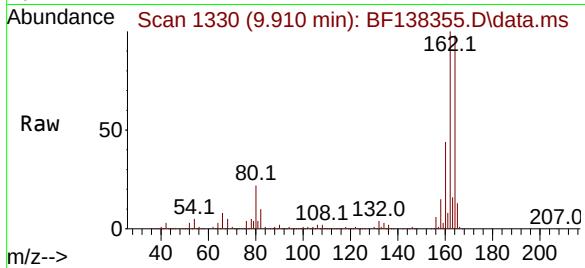




#51
2,6-Dinitrotoluene
Concen: 9.860 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

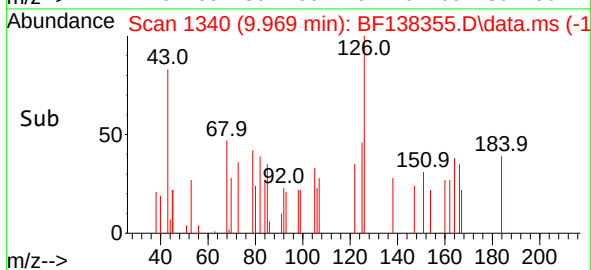
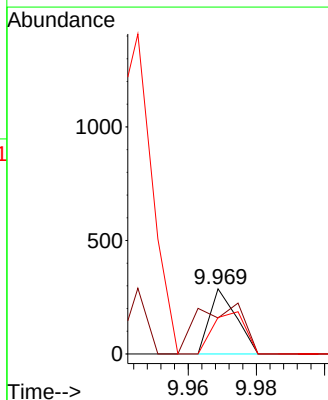
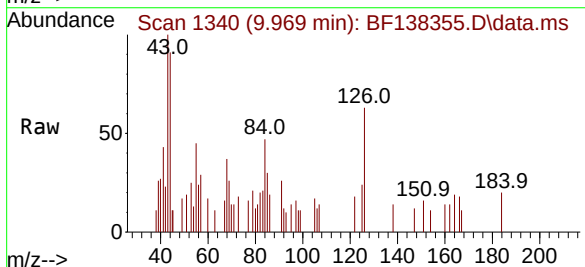
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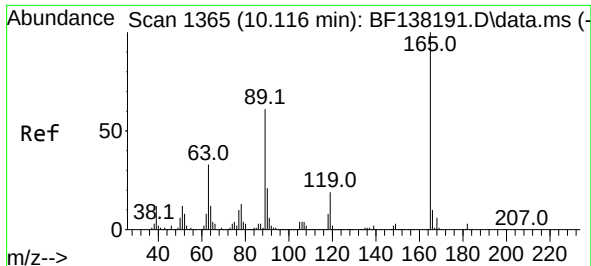
Tgt Ion:165 Resp: 61810
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.0 44.9 67.3#



#54
2,4-Dinitrophenol
Concen: 4.271 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:184 Resp: 155
Ion Ratio Lower Upper
184 100
63 55.4 49.2 73.8
154 56.1 46.7 70.1

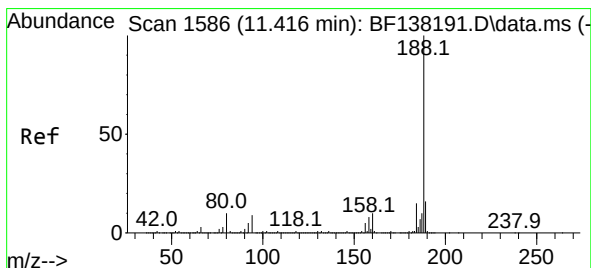
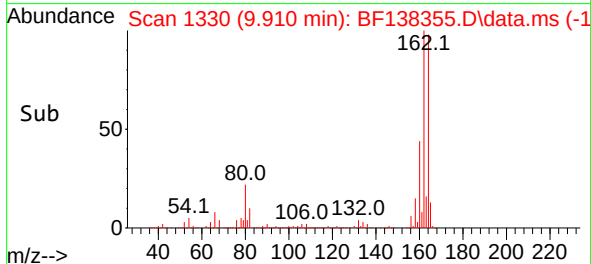
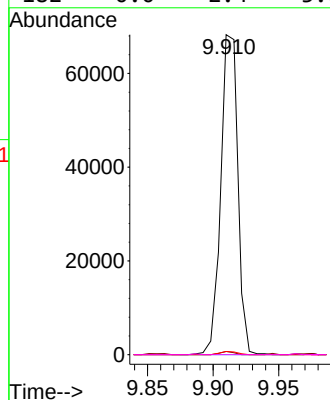
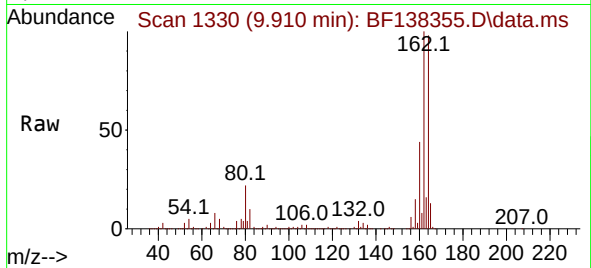




#57
2,4-Dinitrotoluene
Concen: 7.994 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

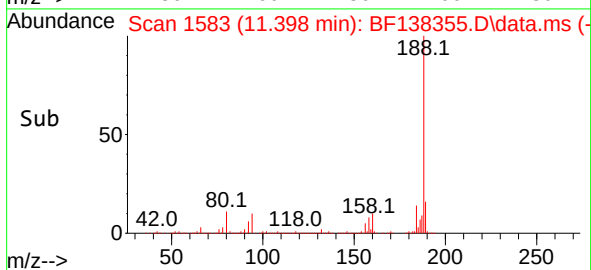
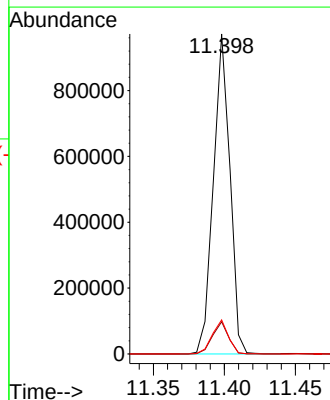
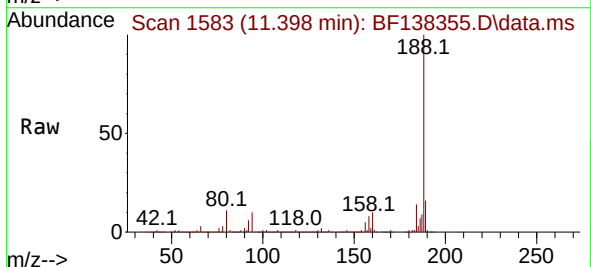
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BNA_F
ClientSampleId :
WC-NORTH-1

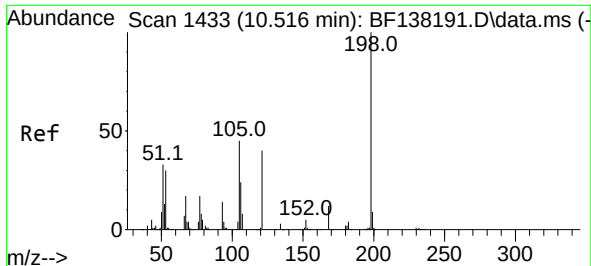
Tgt Ion:165 Resp: 61810
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:188 Resp: 784913
Ion Ratio Lower Upper
188 100
94 10.1 7.6 11.4
80 10.6 8.1 12.1

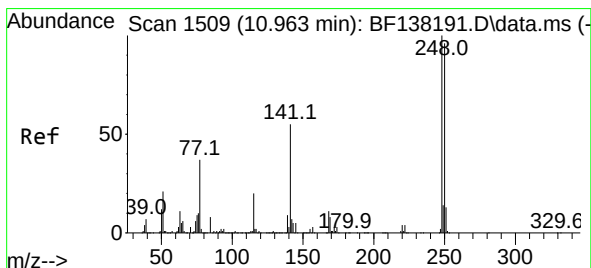
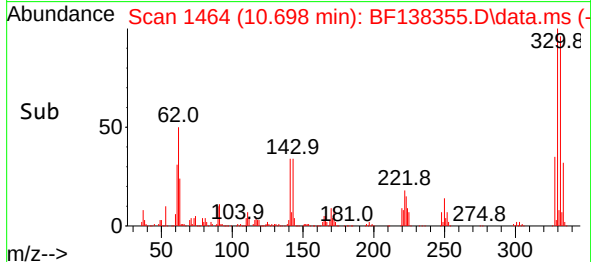
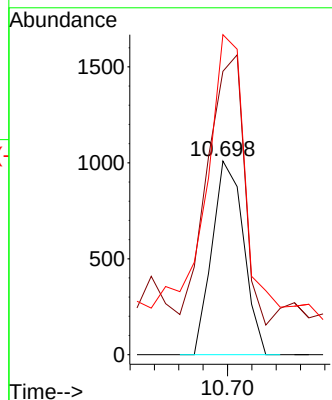
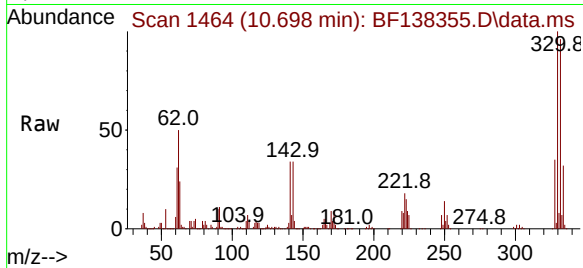




#65
4,6-Dinitro-2-methylphenol
Concen: 7.128 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.182 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

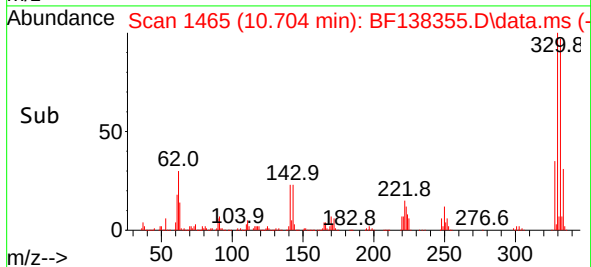
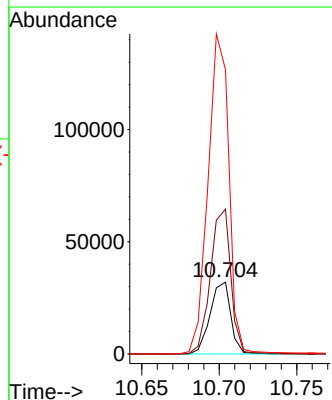
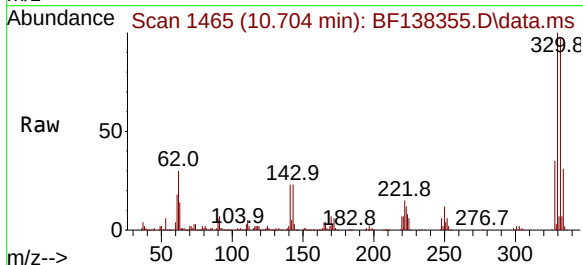
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

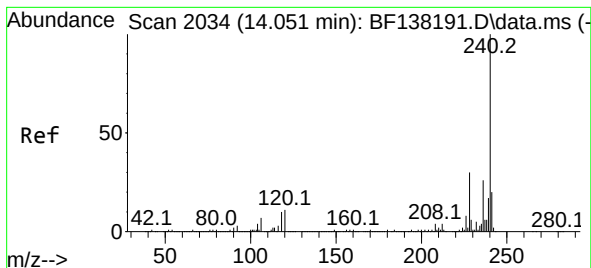
Tgt Ion:198 Resp: 908
Ion Ratio Lower Upper
198 100
51 146.4 26.9 66.9#
105 165.3 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 3.349 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138355.D
Acq: 26 Jun 2024 16:56

Tgt Ion:248 Resp: 29621
Ion Ratio Lower Upper
248 100
250 201.5 77.2 115.8#
141 395.9 44.1 66.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2034

Delta R.T. -0.018 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1

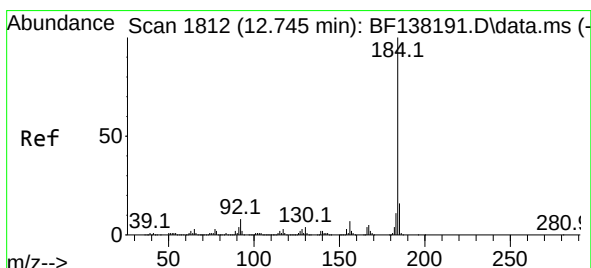
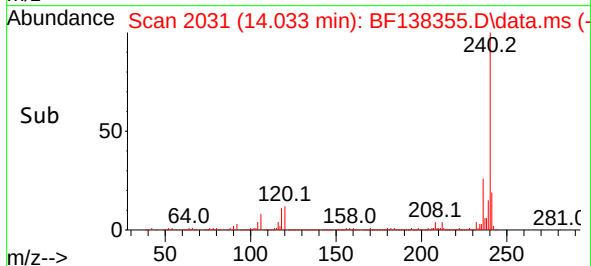
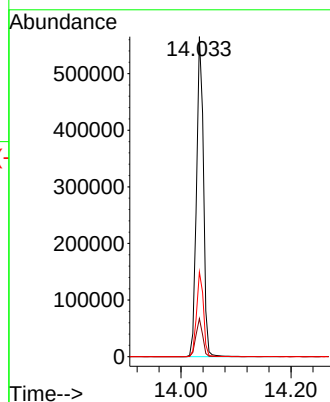
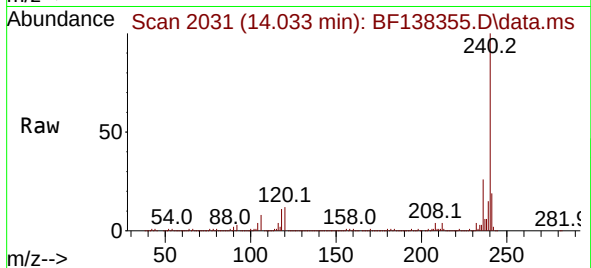
Tgt Ion:240 Resp: 493226

Ion Ratio Lower Upper

240 100

120 11.9 9.2 13.8

236 26.4 21.0 31.6



#77

Benzidine

Concen: 3.946 ng

RT: 12.986 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF138355.D

Acq: 26 Jun 2024 16:56

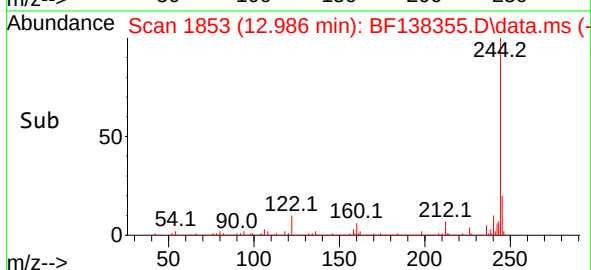
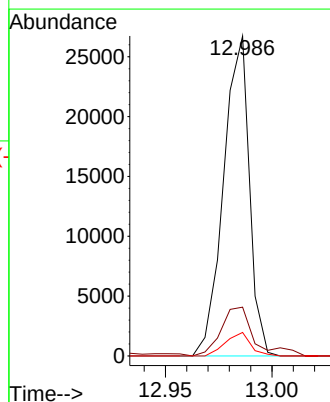
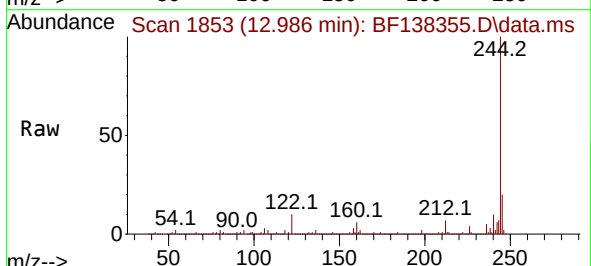
Tgt Ion:184 Resp: 22514

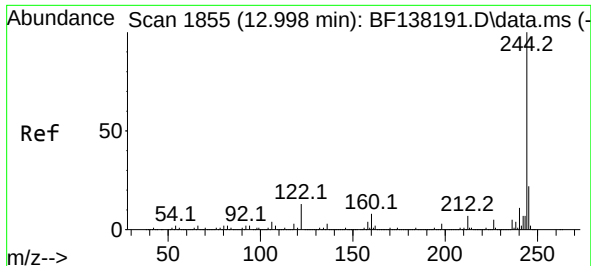
Ion Ratio Lower Upper

184 100

185 15.3 12.6 19.0

183 7.4 9.0 13.6#

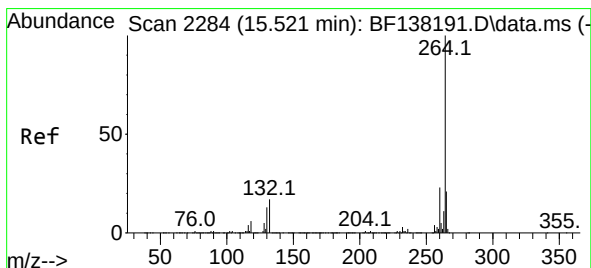
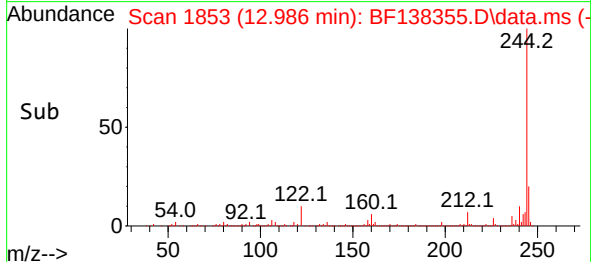
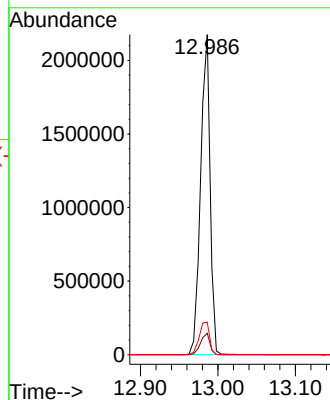
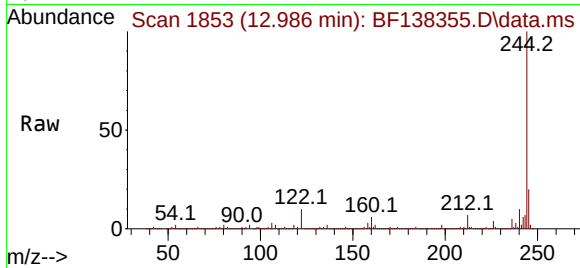




#79
 Terphenyl-d14
 Concen: 59.415 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.012 min
 Lab File: BF138355.D
 Acq: 26 Jun 2024 16:56

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1

Tgt Ion:244 Resp: 1850270
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 10.2 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. -0.018 min
 Lab File: BF138355.D
 Acq: 26 Jun 2024 16:56

Tgt Ion:264 Resp: 495831
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.1 17.0 25.6

