

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138227.D
 Acq On : 18 Jun 2024 16:29
 Operator : CG\JU
 Sample : P2915-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-NORTH-1

Quant Time: Jun 18 16:53:59 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)

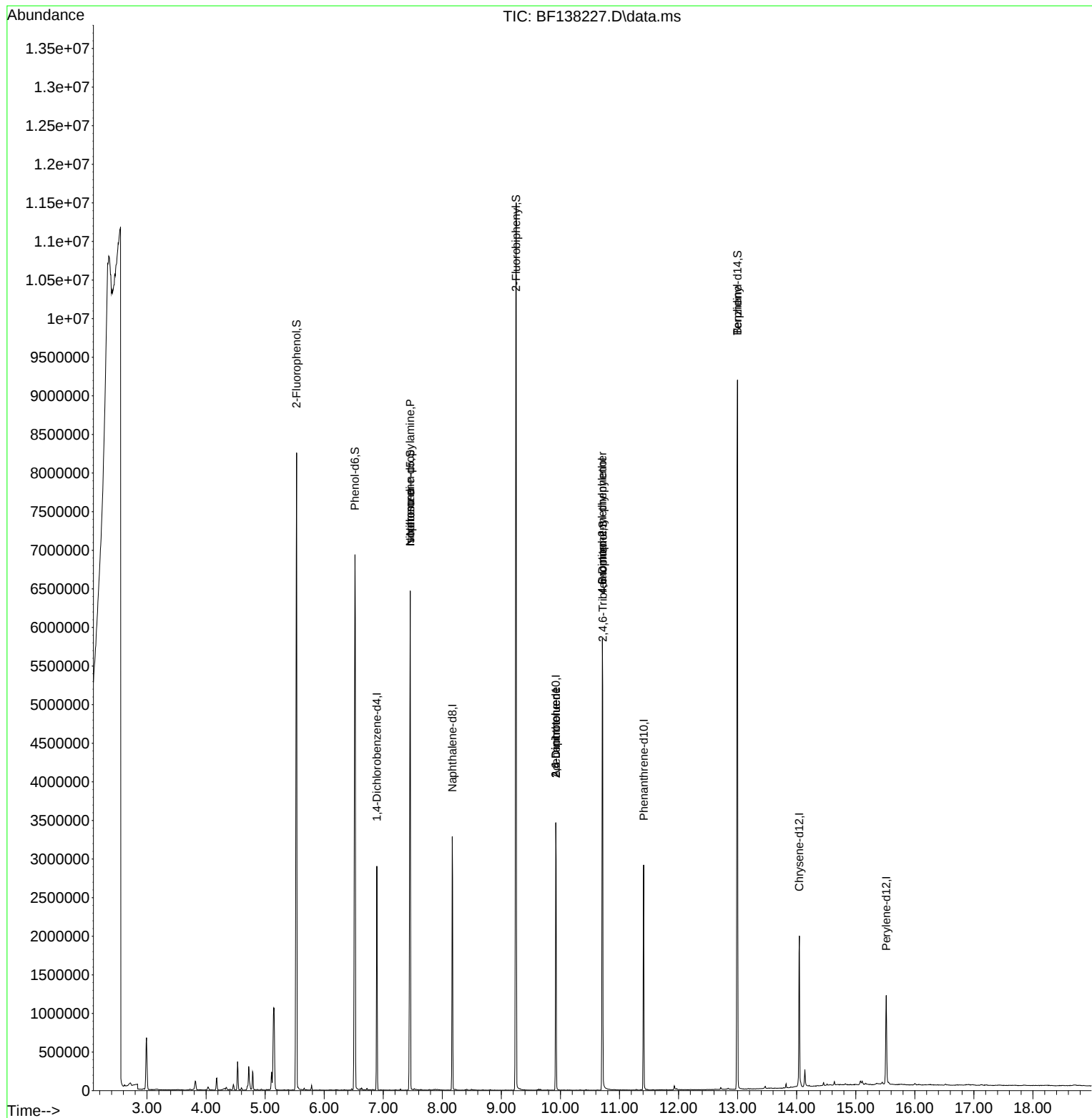
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	372575	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1417461	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	719005	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	993992	20.000	ng	0.00
76) Chrysene-d12	14.045	240	647795	20.000	ng	0.00
86) Perylene-d12	15.515	264	537023	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2665265	119.668	ng	0.02
7) Phenol-d6	6.522	99	3163819	112.025	ng	0.00
23) Nitrobenzene-d5	7.457	82	2225306	91.395	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	803074	112.195	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3870589	85.602	ng	0.00
79) Terphenyl-d14	12.998	244	3283051	80.269	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	301325	18.000	ng	# 78
25) Isophorone	7.457	82	2223738	50.493	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	94147	9.851	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	94147	7.987	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1800	7.238	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	52428	4.681	ng	# 1
77) Benzidine	12.998	184	43611	5.820	ng	# 94

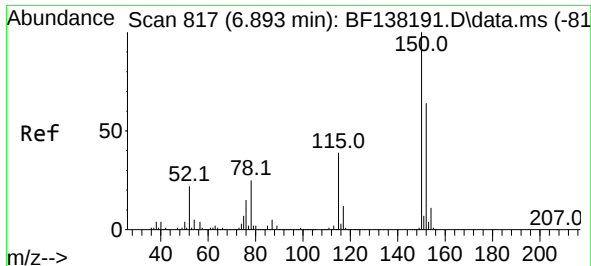
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

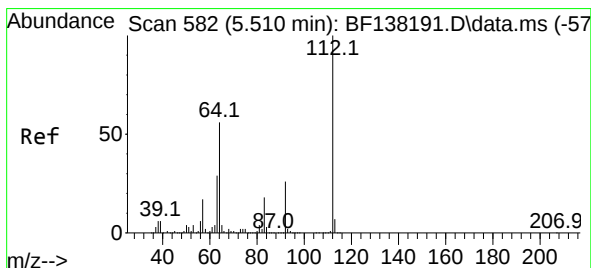
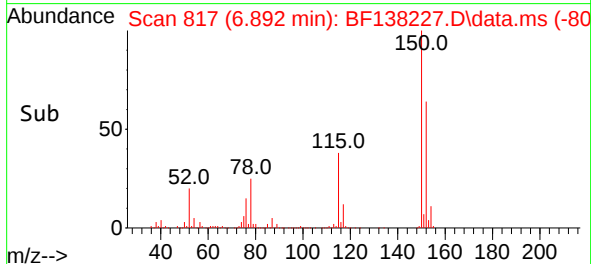
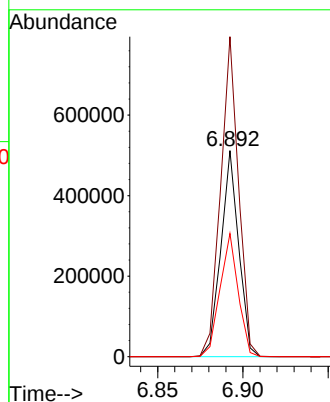
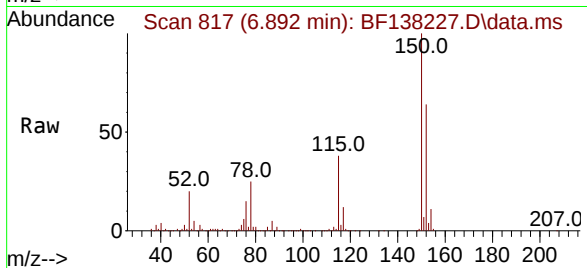




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

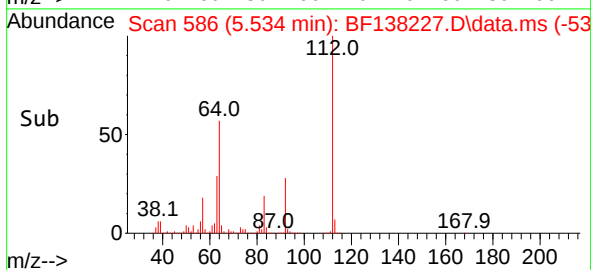
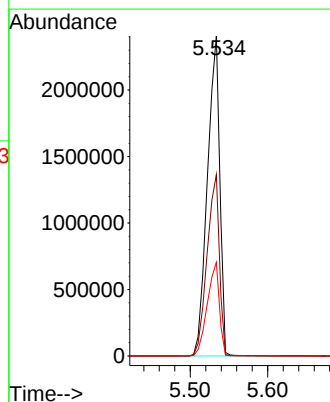
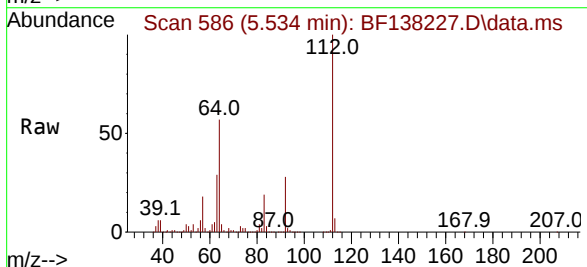
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion:152 Resp: 372575
Ion Ratio Lower Upper
152 100
150 155.3 125.0 187.4
115 59.8 48.4 72.6



#5
2-Fluorophenol
Concen: 119.668 ng
RT: 5.534 min Scan# 586
Delta R.T. 0.023 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion:112 Resp: 2665265
Ion Ratio Lower Upper
112 100
64 56.7 45.2 67.8
63 29.3 22.9 34.3

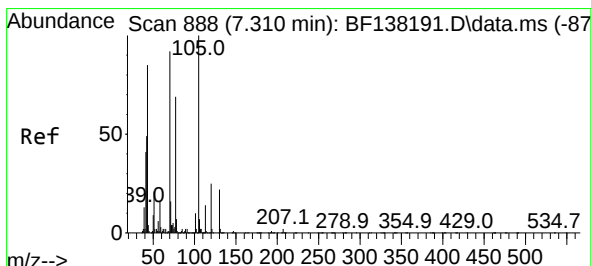
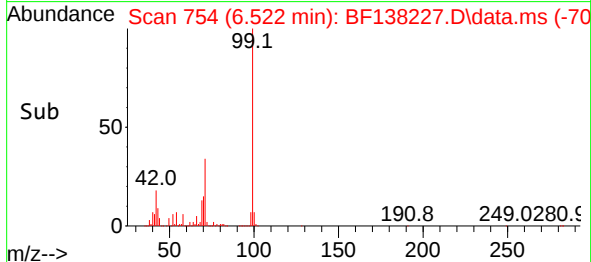
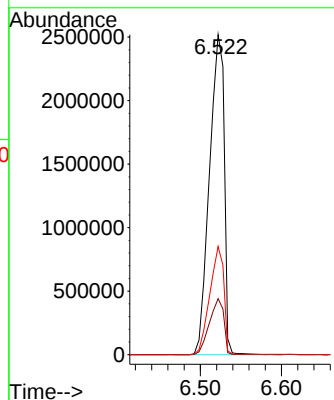
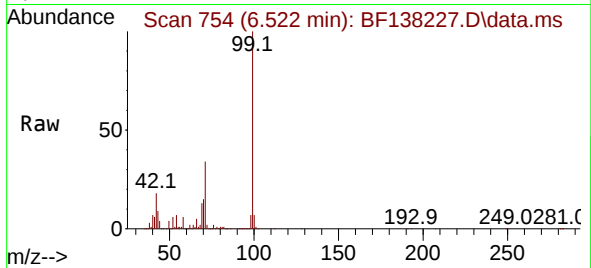




#7
Phenol-d6
Concen: 112.025 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

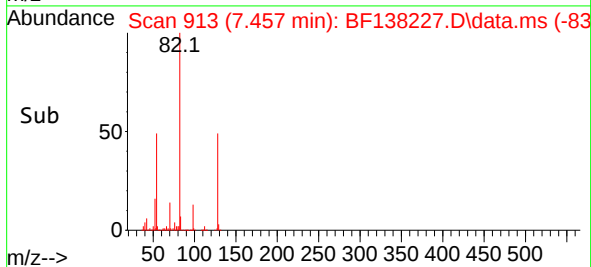
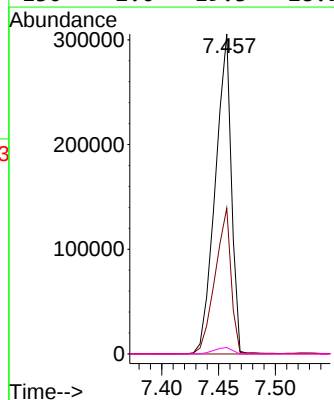
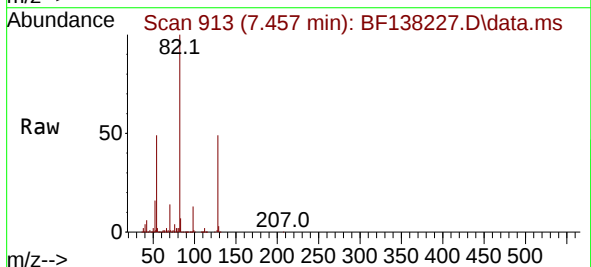
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

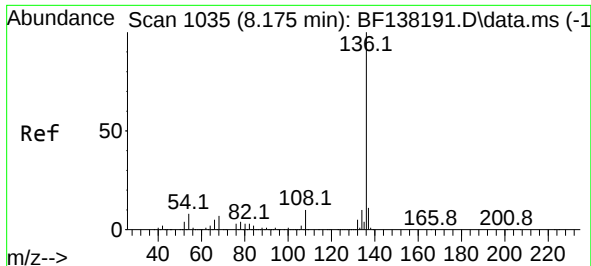
Tgt Ion: 99 Resp: 3163819
Ion Ratio Lower Upper
99 100
42 17.5 13.7 20.5
71 33.8 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.000 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion: 70 Resp: 301325
Ion Ratio Lower Upper
70 100
42 45.6 42.8 64.2
101 0.0 8.4 12.6#
130 2.0 19.3 28.9#



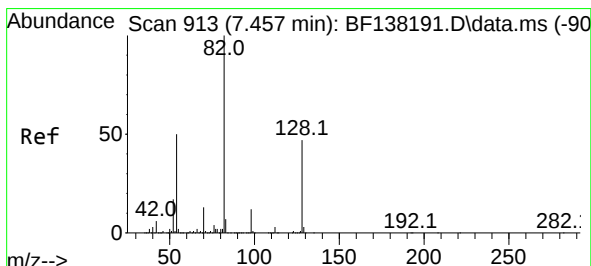
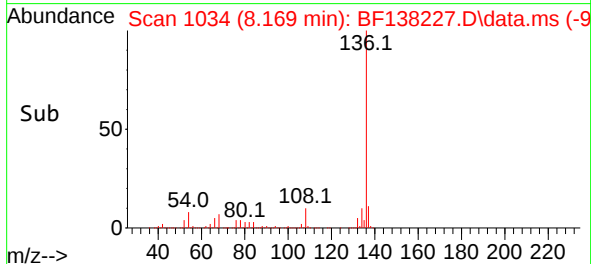
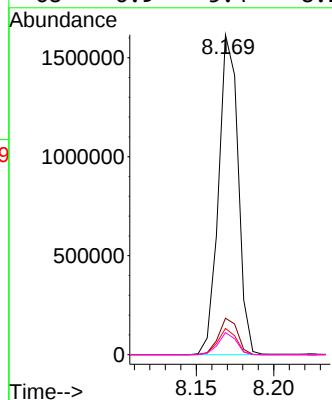
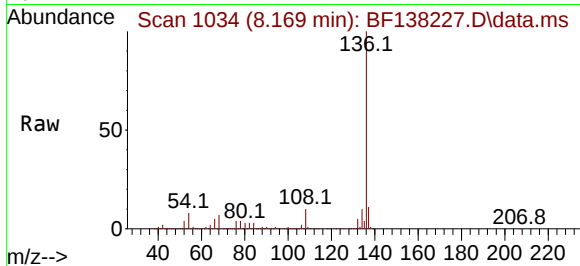


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion:136 Resp: 1417461

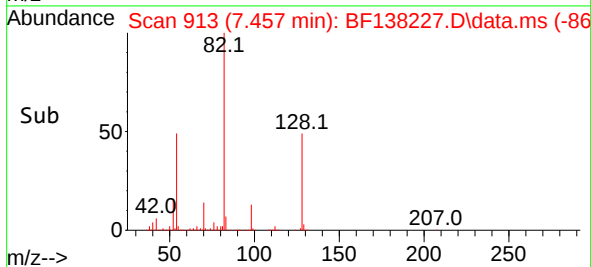
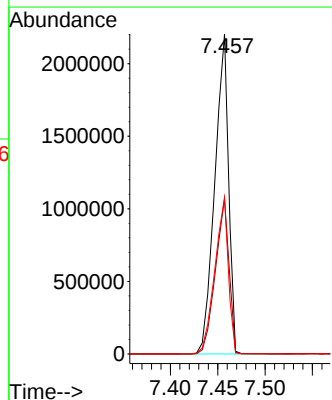
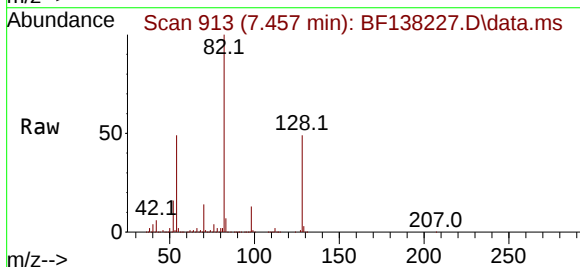
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.2	6.6	10.0
68	6.9	5.4	8.2



#23
Nitrobenzene-d5
Concen: 91.395 ng
RT: 7.457 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion: 82 Resp: 2225306

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.2	55.8
54	48.9	39.8	59.6

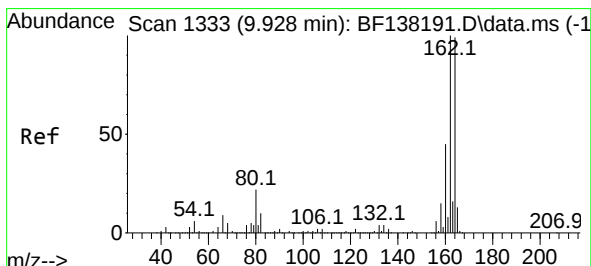
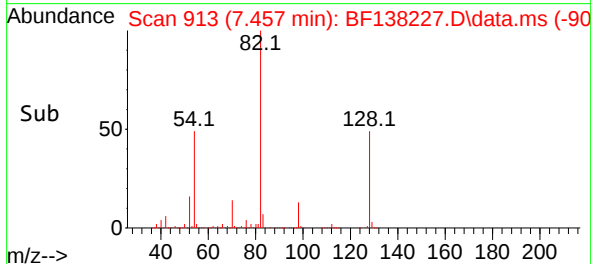
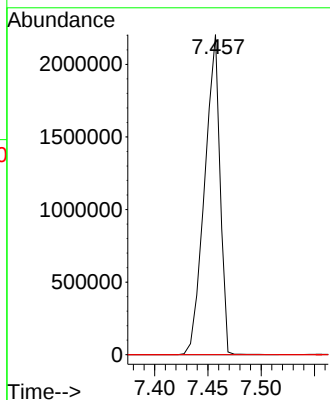
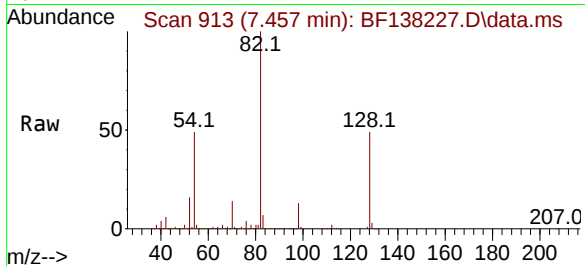




#25
Isophorone
Concen: 50.493 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

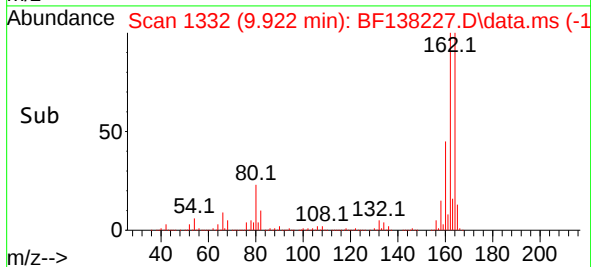
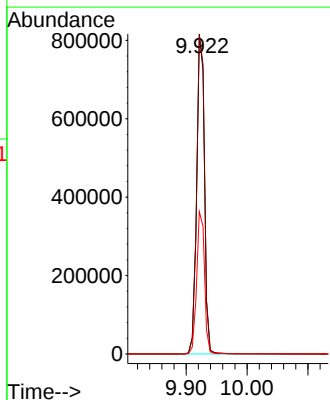
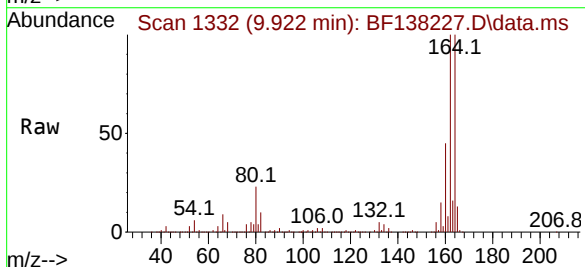
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion: 82 Resp: 2223738
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: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion:164 Resp: 719005
Ion Ratio Lower Upper
164 100
162 100.3 80.6 121.0
160 44.6 36.3 54.5

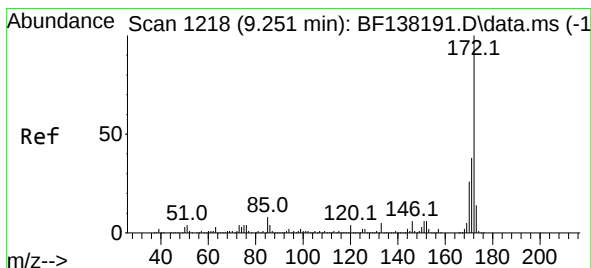
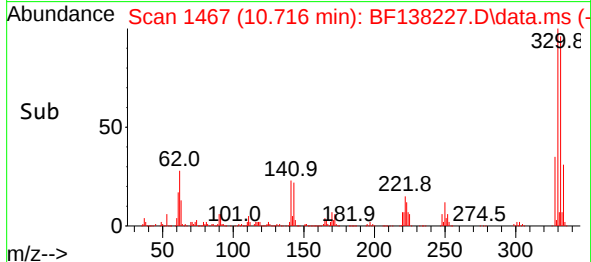
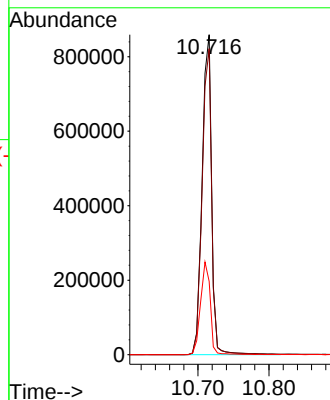
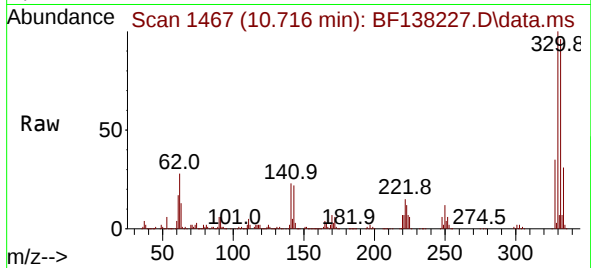




#42
2,4,6-Tribromophenol
Concen: 112.195 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

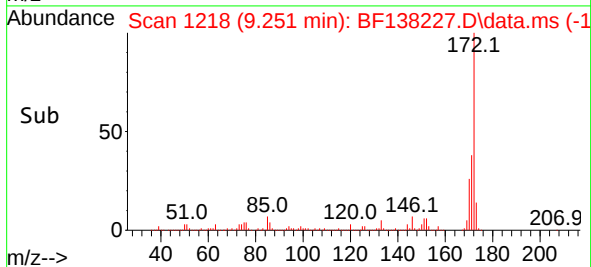
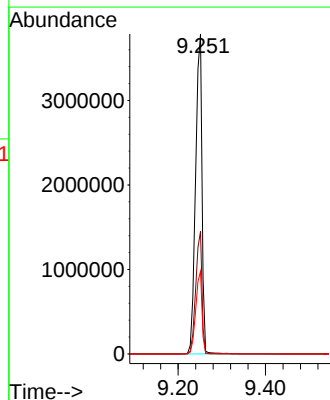
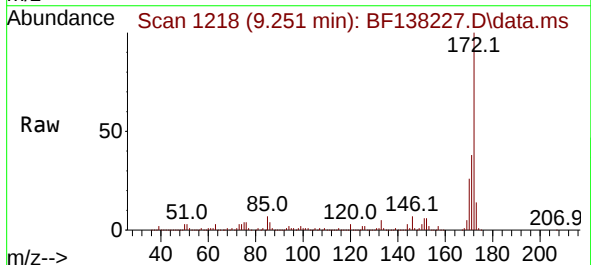
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WC-NORTH-1

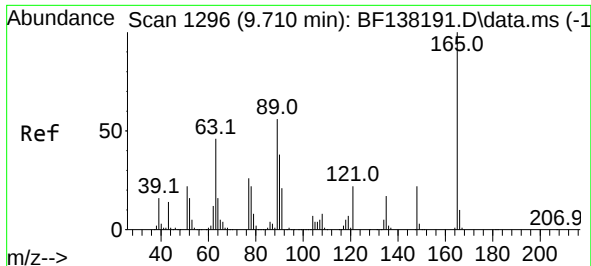
Tgt Ion: 330 Resp: 803074
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 29.9 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 85.602 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion: 172 Resp: 3870589
Ion Ratio Lower Upper
172 100
171 38.3 30.3 45.5
170 25.8 20.6 30.8

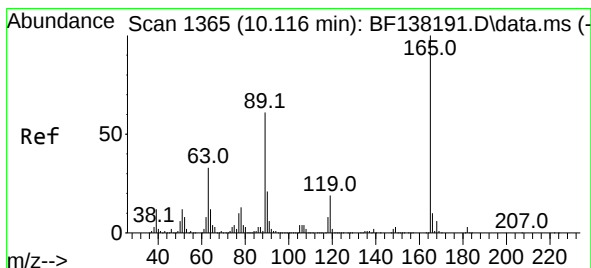
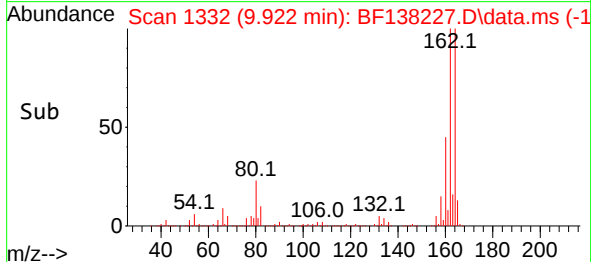
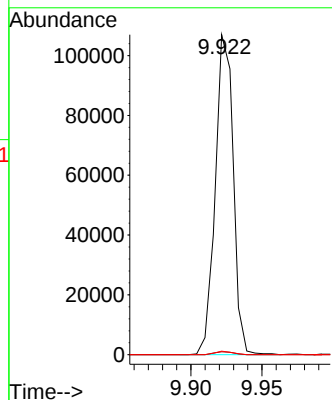
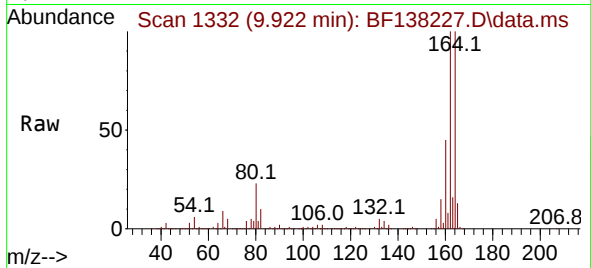




#51
2,6-Dinitrotoluene
Concen: 9.851 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

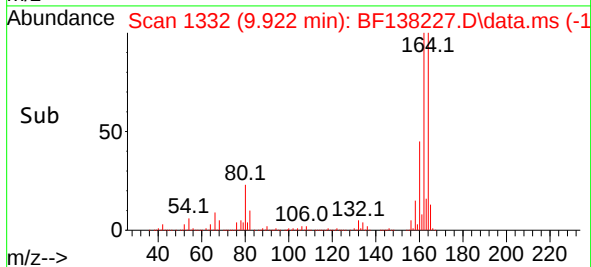
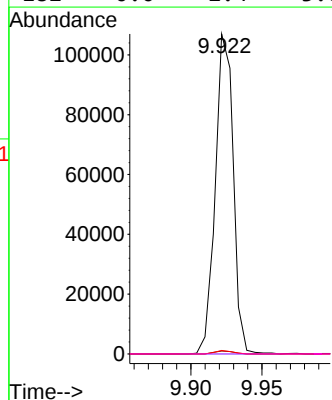
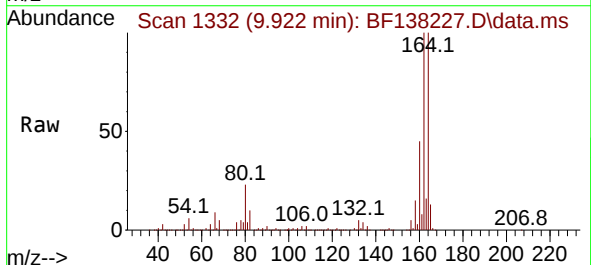
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:165 Resp: 94147
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.987 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion:165 Resp: 94147
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.1 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: BF138227.D

Acq: 18 Jun 2024 16:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1

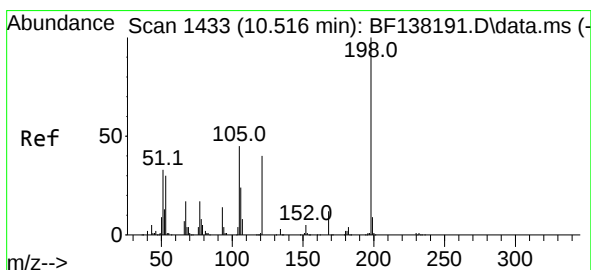
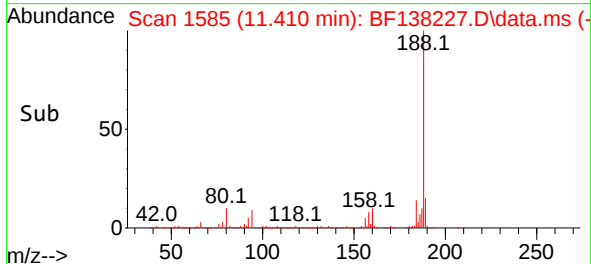
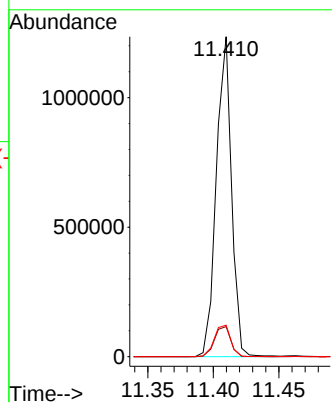
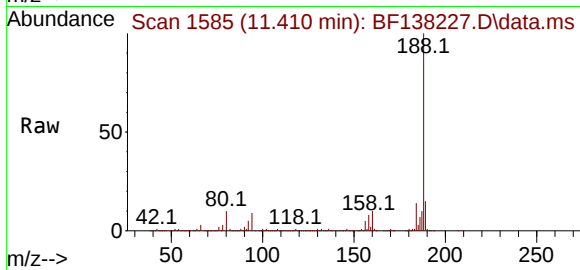
Tgt Ion:188 Resp: 993992

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.8 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.238 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138227.D

Acq: 18 Jun 2024 16:29

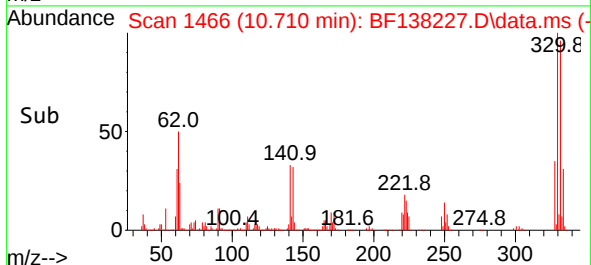
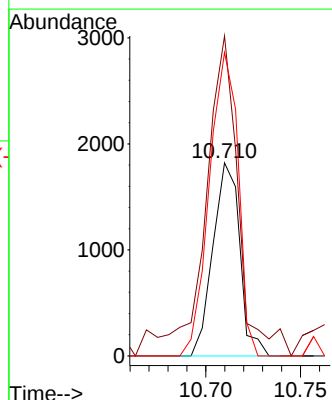
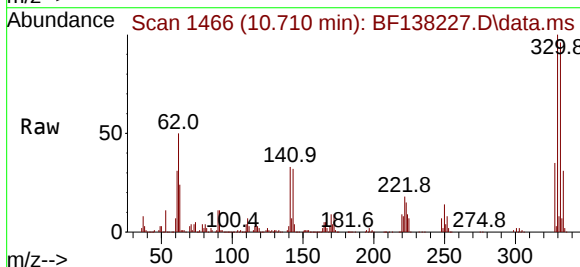
Tgt Ion:198 Resp: 1800

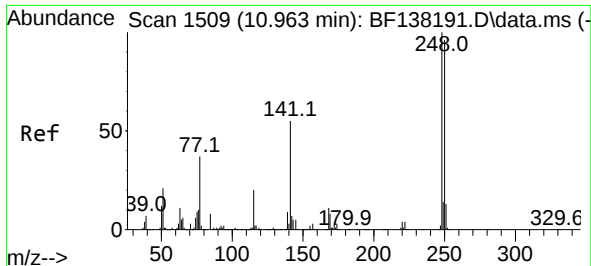
Ion Ratio Lower Upper

198 100

51 165.7 26.9 66.9#

105 157.2 26.0 66.0#

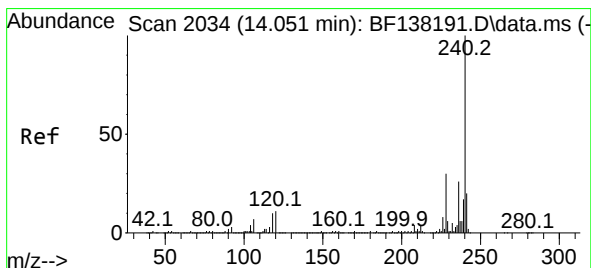
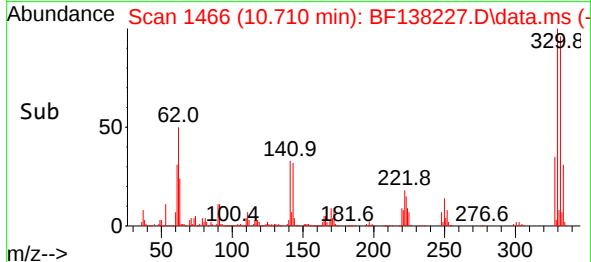
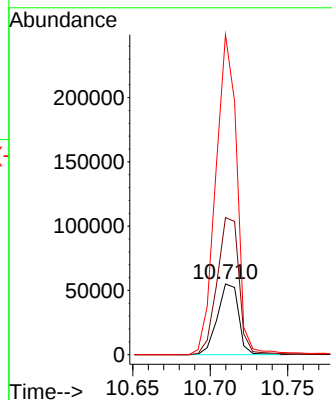
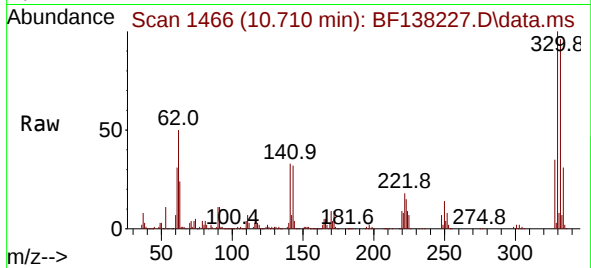




#67
4-Bromophenyl-phenylether
Concen: 4.681 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

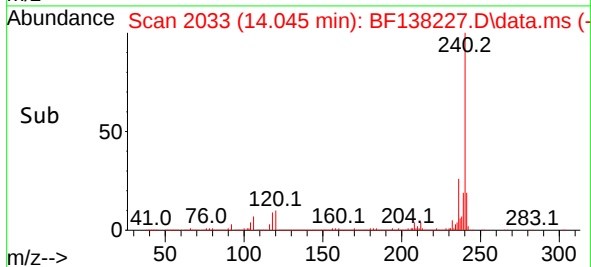
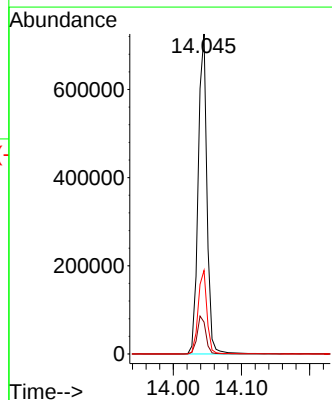
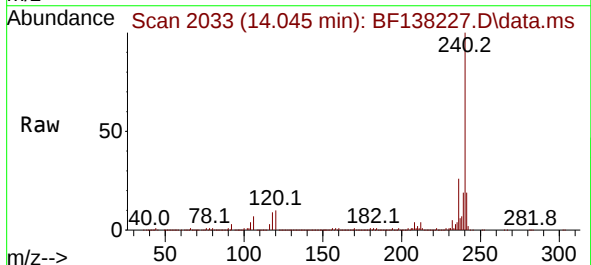
Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

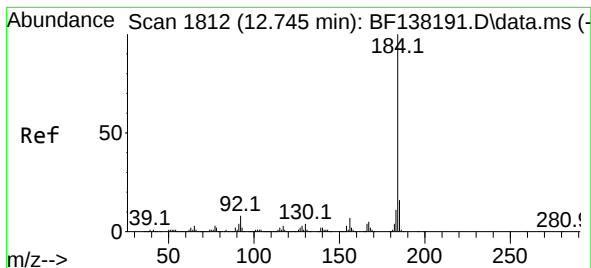
Tgt Ion:248 Resp: 52428
Ion Ratio Lower Upper
248 100
250 194.0 77.2 115.8#
141 452.8 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Tgt Ion:240 Resp: 647795
Ion Ratio Lower Upper
240 100
120 10.0 9.2 13.8
236 26.1 21.0 31.6





#77

Benzidine

Concen: 5.820 ng

RT: 12.998 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF138227.D

Acq: 18 Jun 2024 16:29

Instrument :

BNA_F

ClientSampleId :

WC-NORTH-1

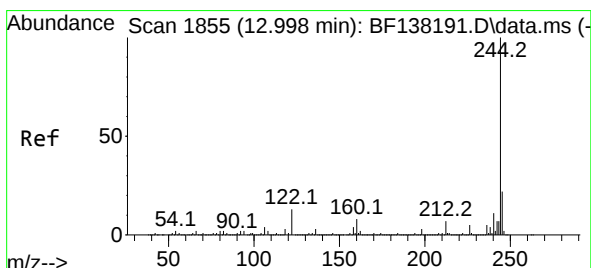
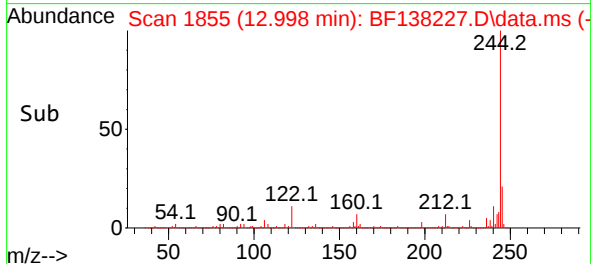
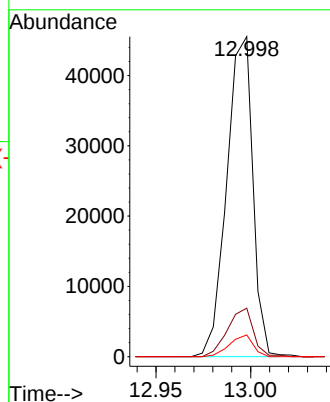
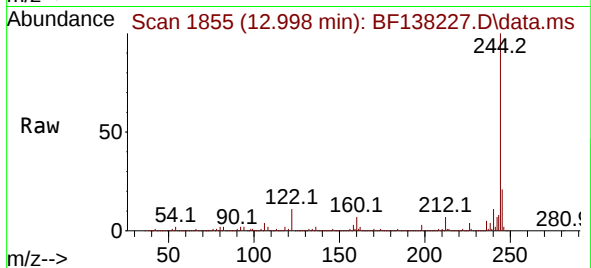
Tgt Ion:184 Resp: 43611

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

183 6.8 9.0 13.6#



#79

Terphenyl-d14

Concen: 80.269 ng

RT: 12.998 min Scan# 1855

Delta R.T. -0.000 min

Lab File: BF138227.D

Acq: 18 Jun 2024 16:29

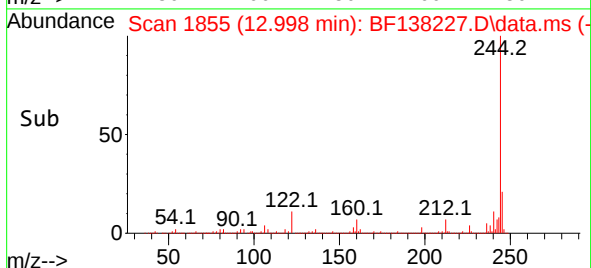
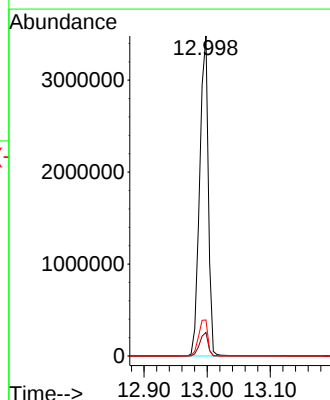
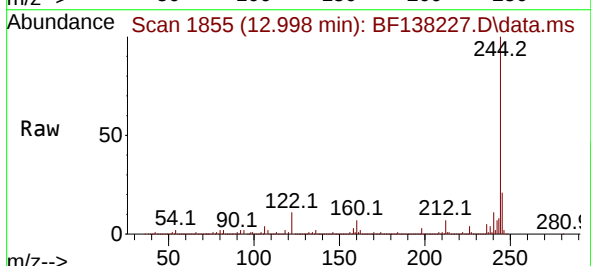
Tgt Ion:244 Resp: 3283051

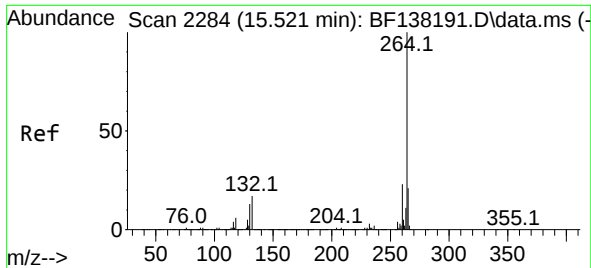
Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

122 11.3 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF138227.D
Acq: 18 Jun 2024 16:29

Instrument :
BNA_F
ClientSampleId :
WC-NORTH-1

Tgt Ion:264 Resp: 537023

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.7	28.1
265	21.7	17.0	25.6

