

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062624\
 Data File : BF138358.D
 Acq On : 26 Jun 2024 18:29
 Operator : CG\JU
 Sample : P2915-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Quant Time: Jun 27 01:13:00 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)

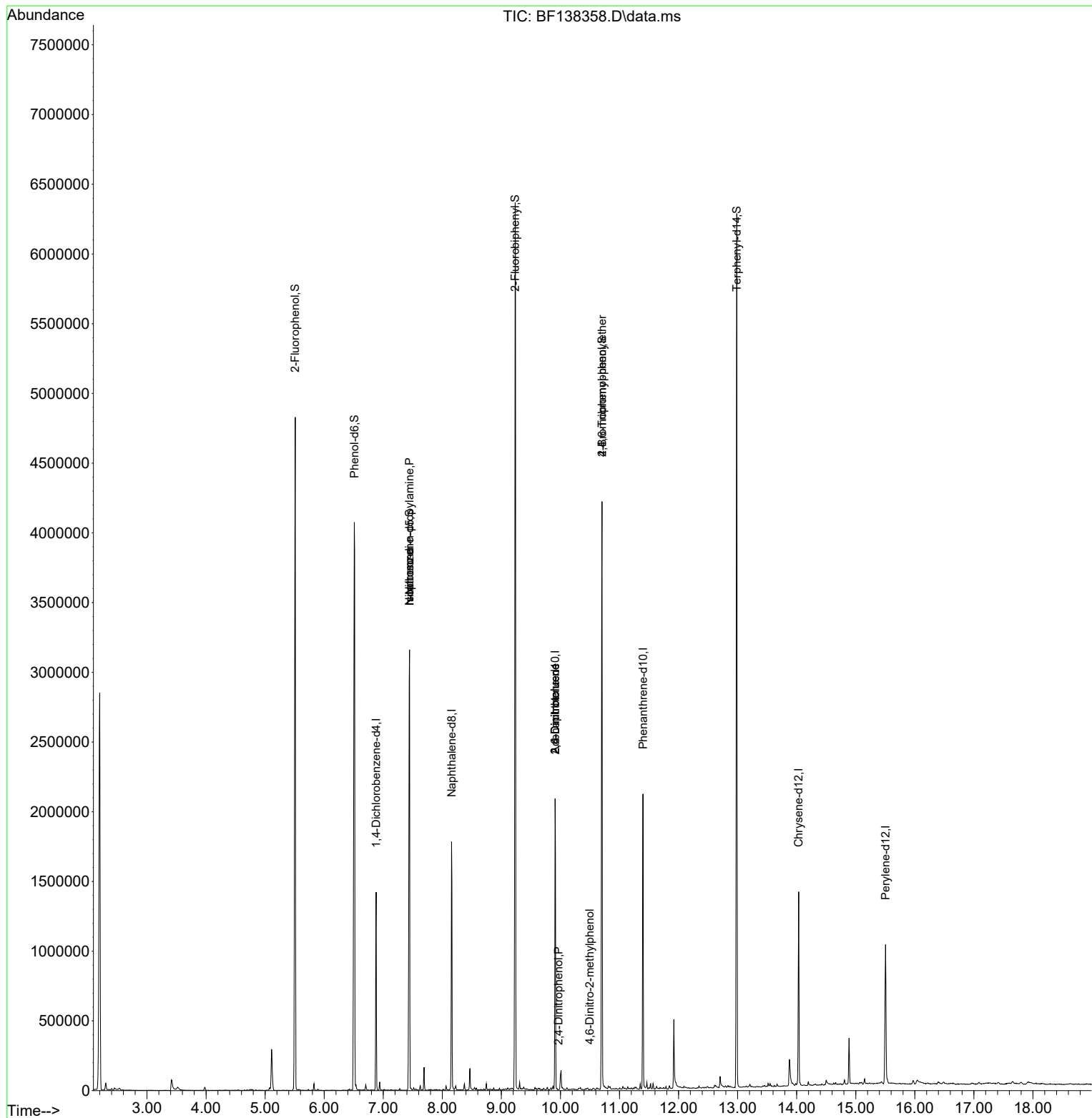
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	206740	20.000	ng	-0.01
21) Naphthalene-d8	8.157	136	807941	20.000	ng	-0.02
39) Acenaphthene-d10	9.910	164	426308	20.000	ng	-0.02
64) Phenanthrene-d10	11.398	188	714615	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	425053	20.000	ng	-0.02
86) Perylene-d12	15.504	264	453845	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1494076	120.893	ng	0.00
7) Phenol-d6	6.510	99	1882921	120.151	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1168643	84.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	566898	133.577	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	2170939	80.977	ng	-0.02
79) Terphenyl-d14	12.986	244	2192919	81.712	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	156228	16.818	ng	# 74
25) Isophorone	7.445	82	1168631	46.554	ng	# 62
51) 2,6-Dinitrotoluene	9.910	165	54934	9.694	ng	# 25
54) 2,4-Dinitrophenol	9.969	184	170	4.285	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	54934	7.860	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.498	198	75	6.952	ng	# 6
67) 4-Bromophenyl-phenylether	10.704	248	36007	4.472	ng	# 1

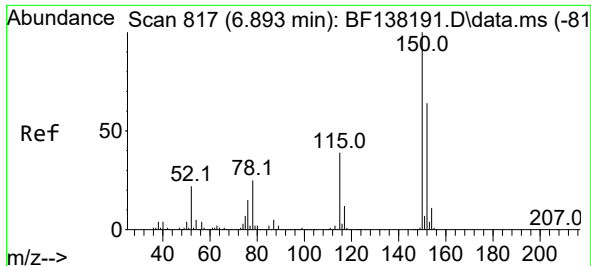
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 13 01:52:47 2024
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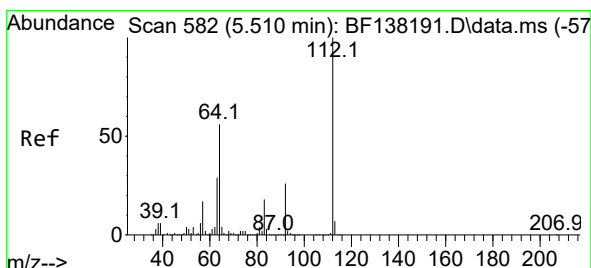
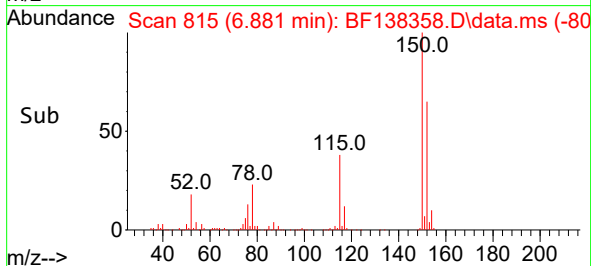
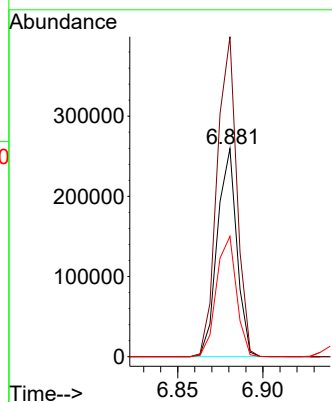
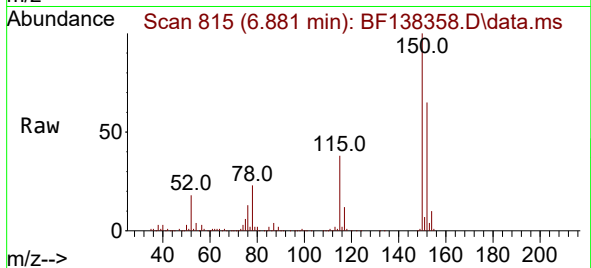




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 817
Delta R.T. -0.012 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

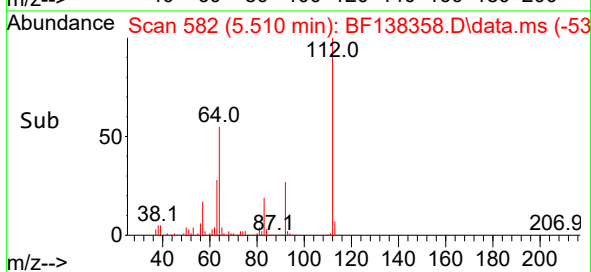
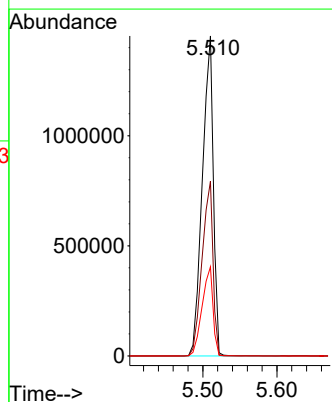
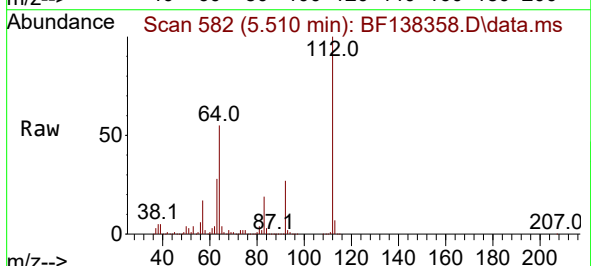
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

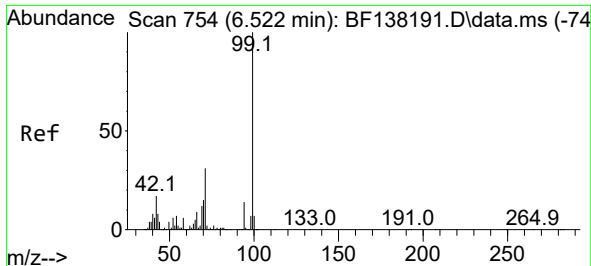
Tgt Ion:152 Resp: 206740
Ion Ratio Lower Upper
152 100
150 153.8 125.0 187.4
115 57.8 48.4 72.6



#5
2-Fluorophenol
Concen: 120.893 ng
RT: 5.510 min Scan# 582
Delta R.T. -0.000 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:112 Resp: 1494076
Ion Ratio Lower Upper
112 100
64 54.6 45.2 67.8
63 27.9 22.9 34.3





#7

Phenol-d6

Concen: 120.151 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-SOUTH-1

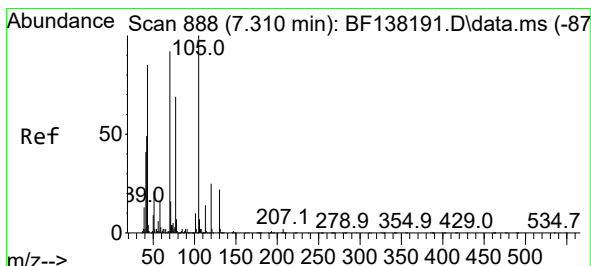
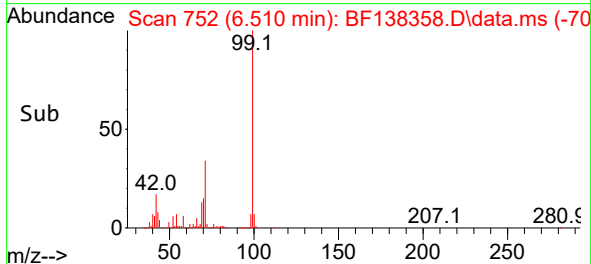
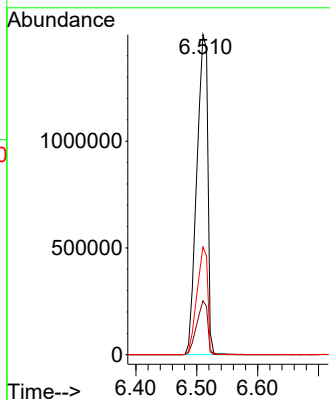
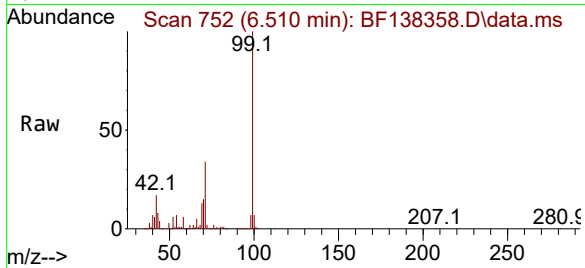
Tgt Ion: 99 Resp: 1882921

Ion Ratio Lower Upper

99 100

42 16.9 13.7 20.5

71 33.7 25.0 37.6



#19

n-Nitroso-di-n-propylamine

Concen: 16.818 ng

RT: 7.445 min Scan# 911

Delta R.T. 0.135 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Tgt Ion: 70 Resp: 156228

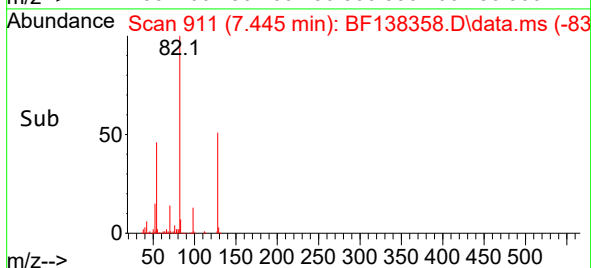
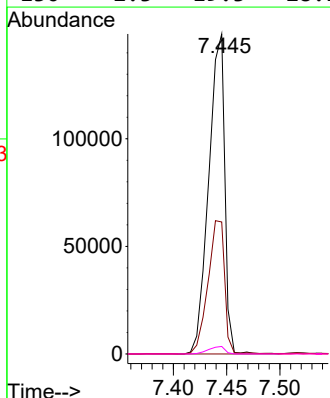
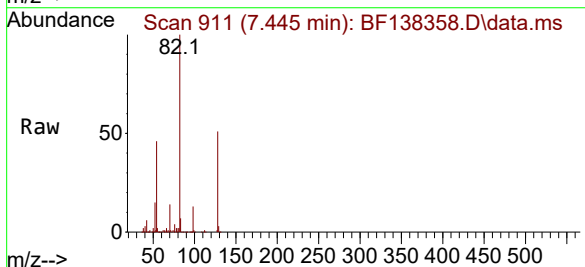
Ion Ratio Lower Upper

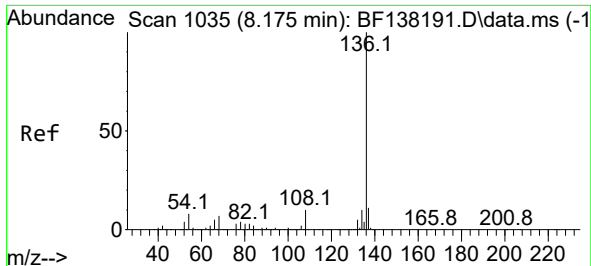
70 100

42 41.3 42.8 64.2#

101 0.0 8.4 12.6#

130 2.3 19.3 28.9#



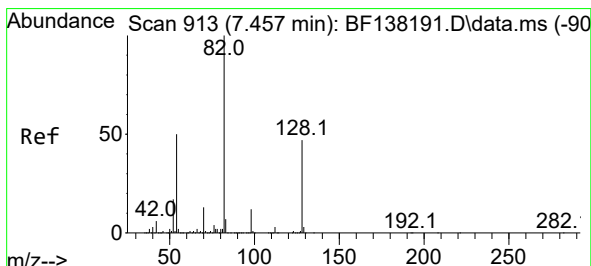
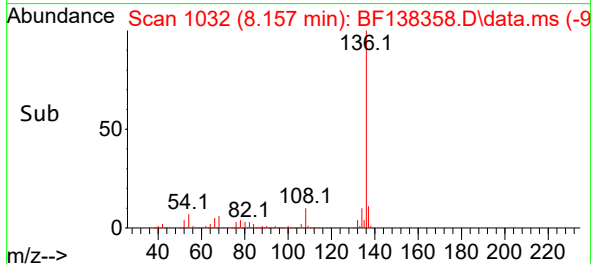
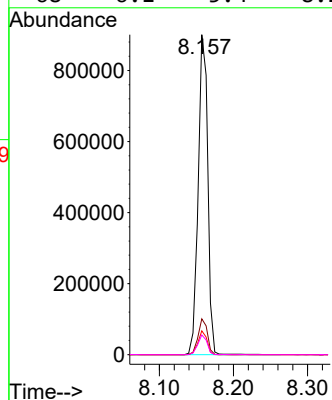
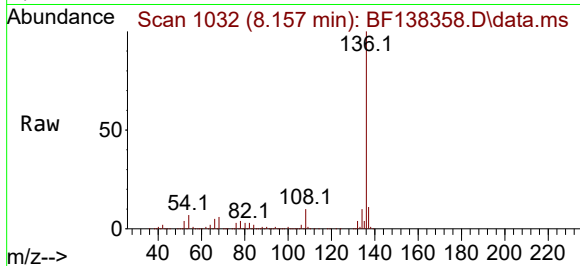


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

Tgt Ion:136 Resp: 807941

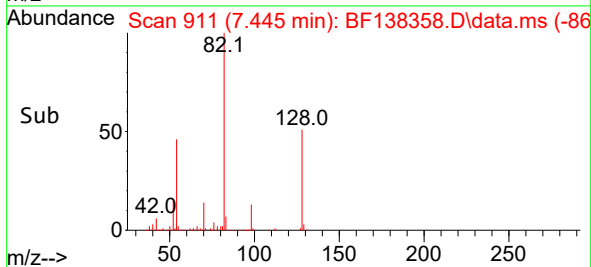
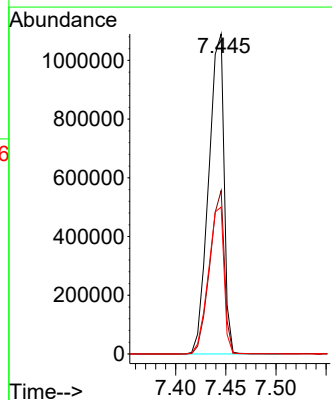
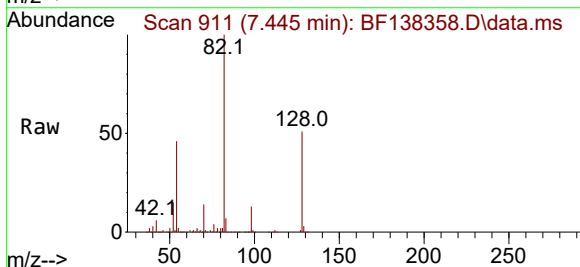
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.5	6.6	10.0
68	6.1	5.4	8.2

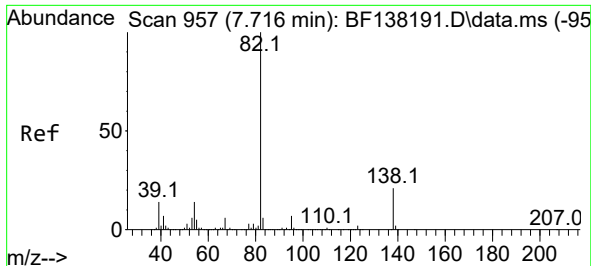


#23
Nitrobenzene-d5
Concen: 84.207 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion: 82 Resp: 1168643

Ion	Ratio	Lower	Upper
82	100		
128	51.1	37.2	55.8
54	45.9	39.8	59.6

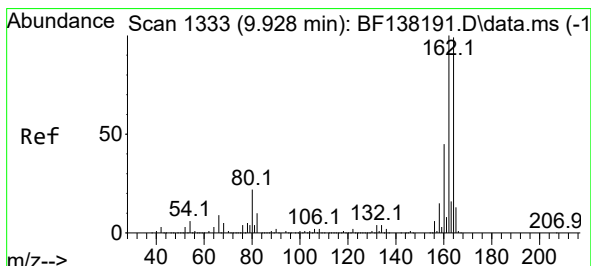
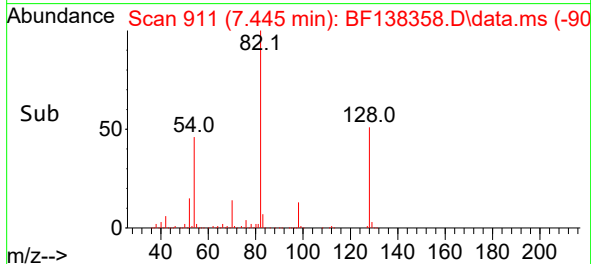
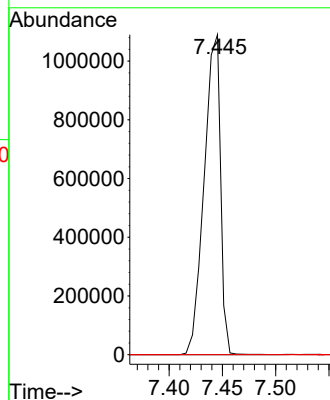
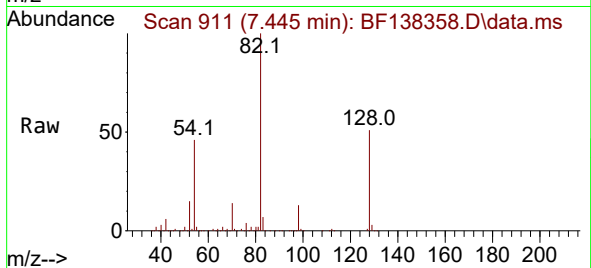




#25
Isophorone
Concen: 46.554 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.271 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

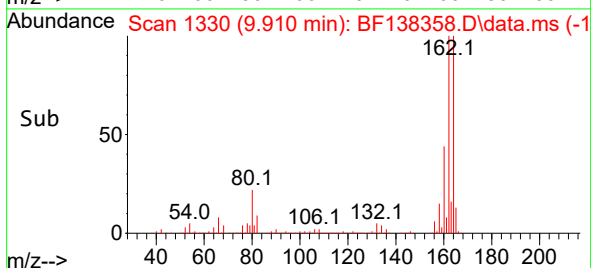
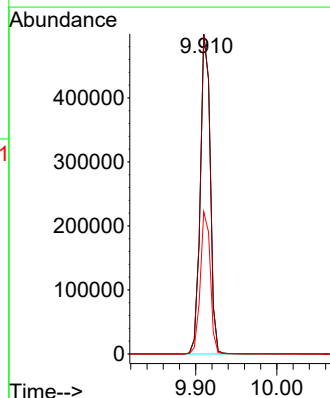
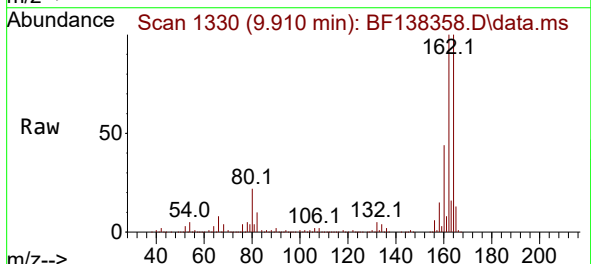
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

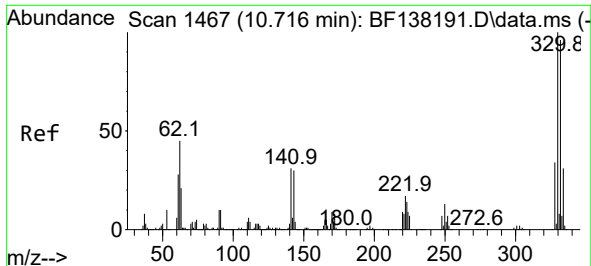
Tgt Ion: 82 Resp: 1168631
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:164 Resp: 426308
Ion Ratio Lower Upper
164 100
162 100.0 80.6 121.0
160 44.5 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 133.577 ng

RT: 10.704 min Scan# 1465

Delta R.T. -0.012 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

Instrument :

BNA_F

ClientSampleId :

WC-SOUTH-1

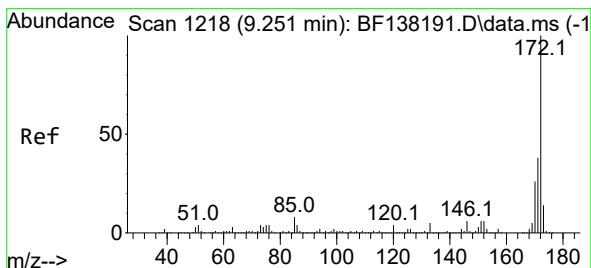
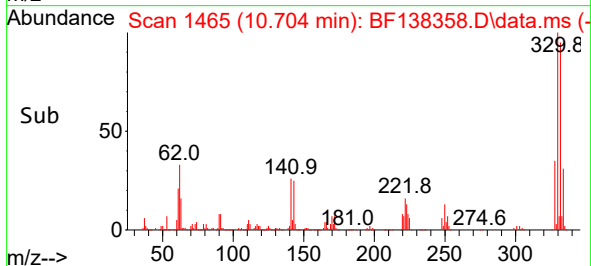
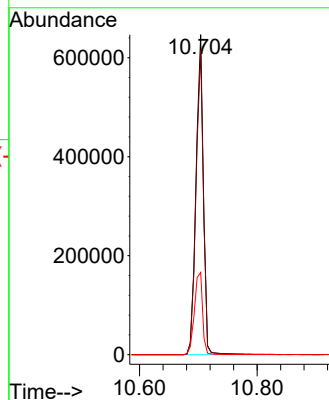
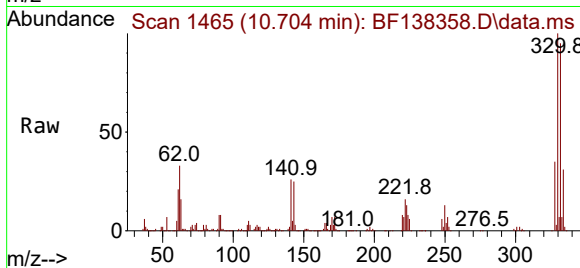
Tgt Ion:330 Resp: 566898

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 28.3 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.977 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF138358.D

Acq: 26 Jun 2024 18:29

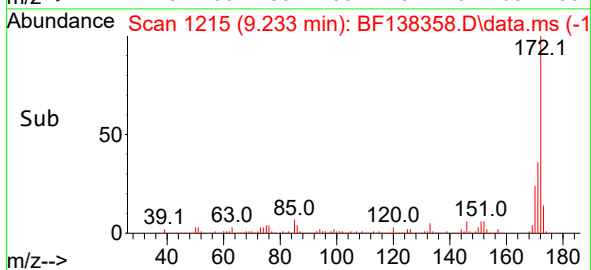
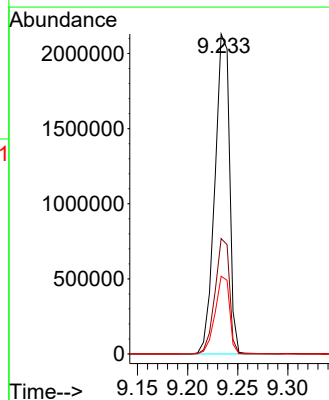
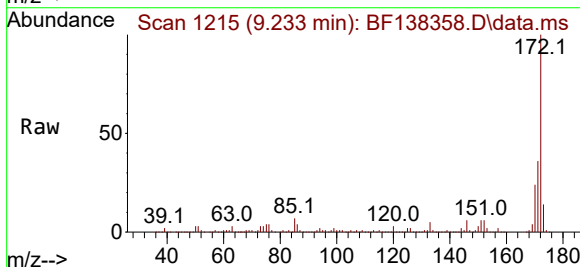
Tgt Ion:172 Resp: 2170939

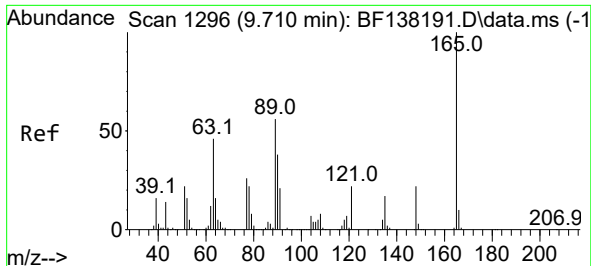
Ion Ratio Lower Upper

172 100

171 36.1 30.3 45.5

170 24.3 20.6 30.8

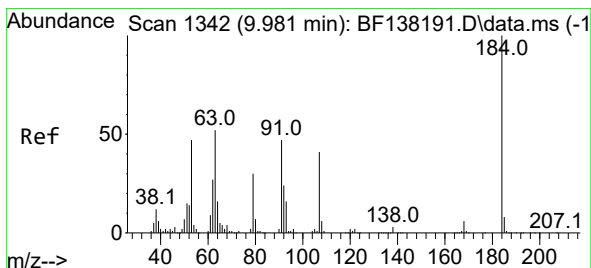
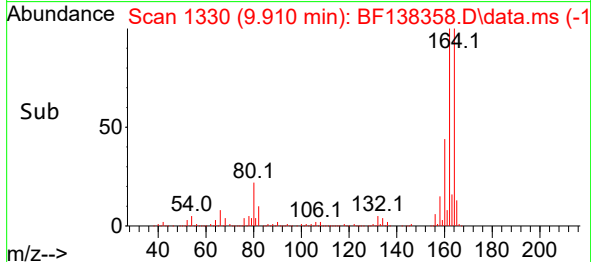
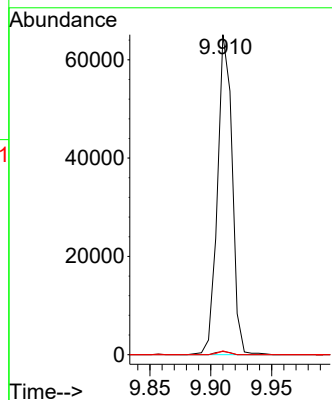
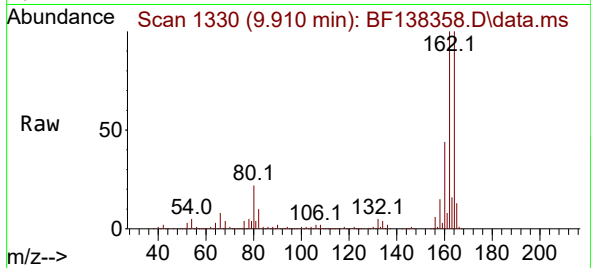




#51
2,6-Dinitrotoluene
Concen: 9.694 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

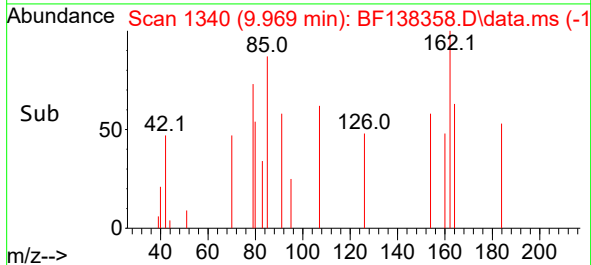
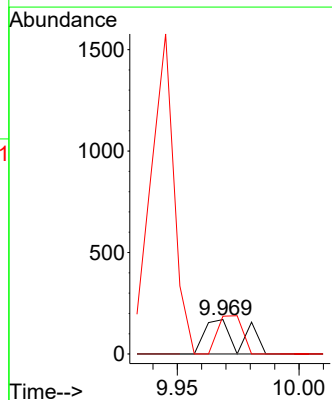
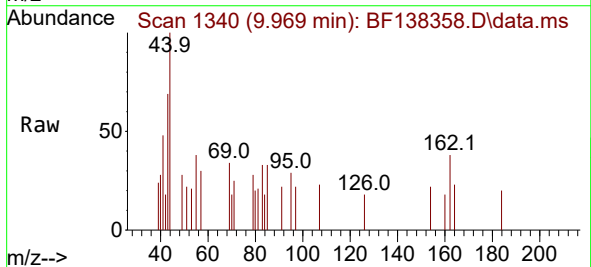
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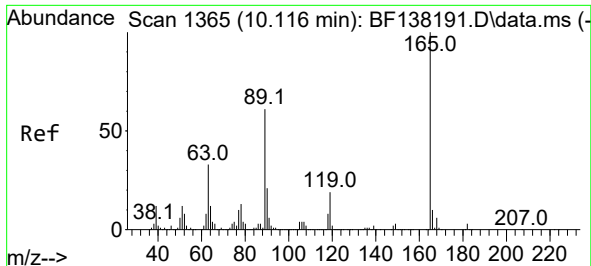
Tgt Ion:165 Resp: 54934
Ion Ratio Lower Upper
165 100
63 1.0 43.7 65.5#
89 1.2 44.9 67.3#



#54
2,4-Dinitrophenol
Concen: 4.285 ng
RT: 9.969 min Scan# 1340
Delta R.T. -0.012 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:184 Resp: 170
Ion Ratio Lower Upper
184 100
63 0.0 49.2 73.8#
154 109.4 46.7 70.1#

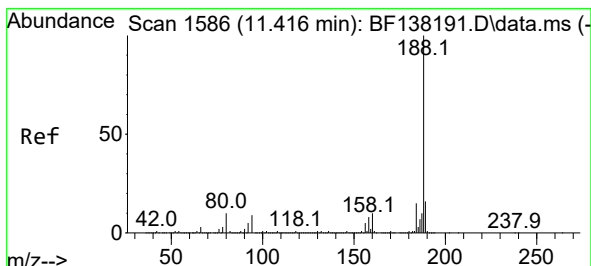
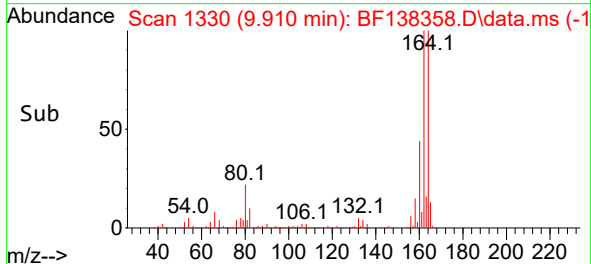
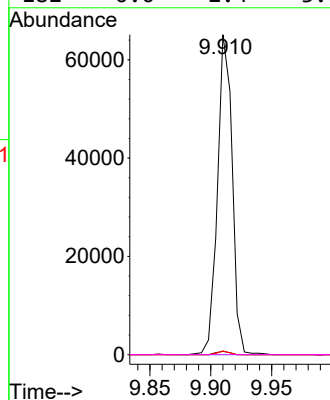
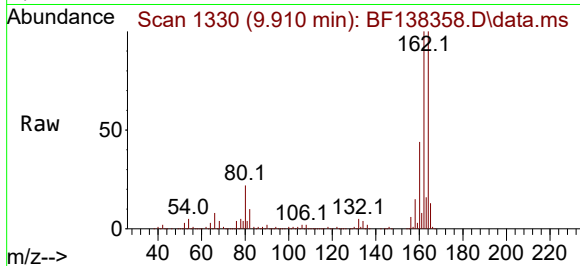




#57
2,4-Dinitrotoluene
Concen: 7.860 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

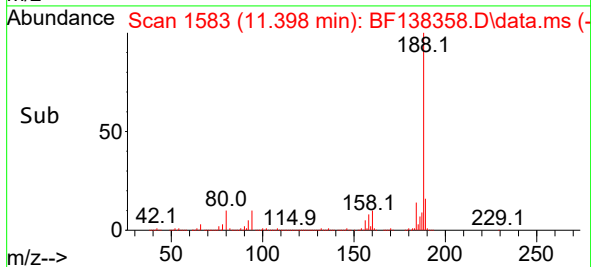
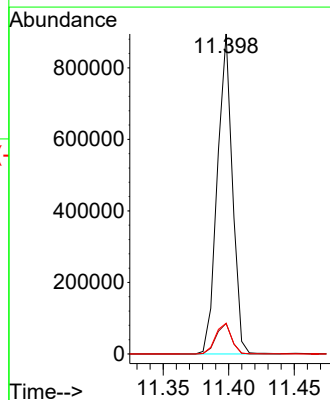
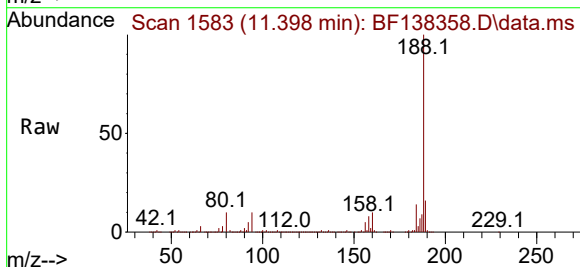
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

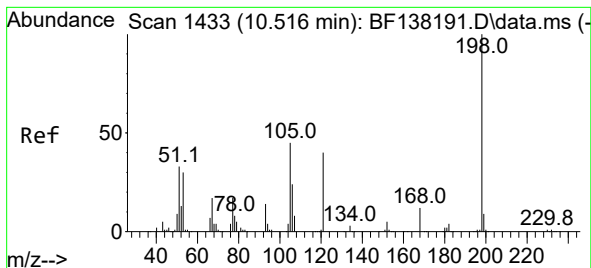
Tgt Ion:165 Resp: 54934
Ion Ratio Lower Upper
165 100
63 1.0 26.6 39.8#
89 1.2 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:188 Resp: 714615
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 9.6 8.1 12.1

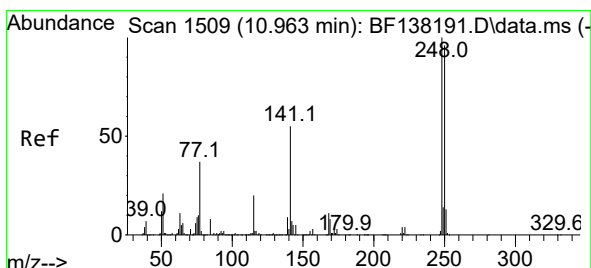
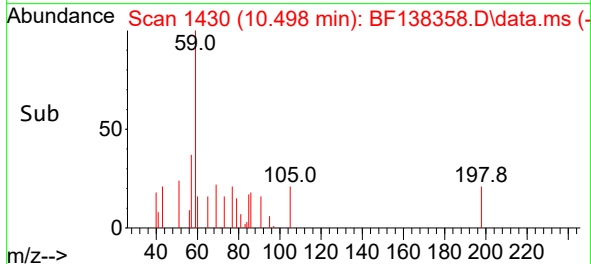
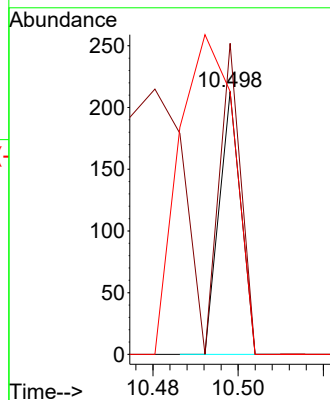
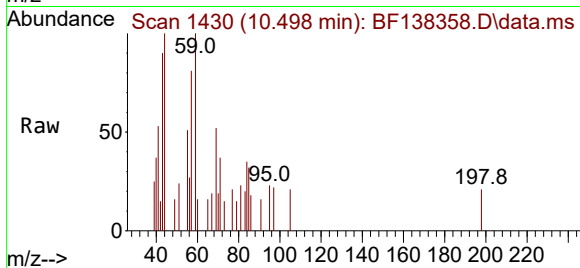




#65
4,6-Dinitro-2-methylphenol
Concen: 6.952 ng
RT: 10.498 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

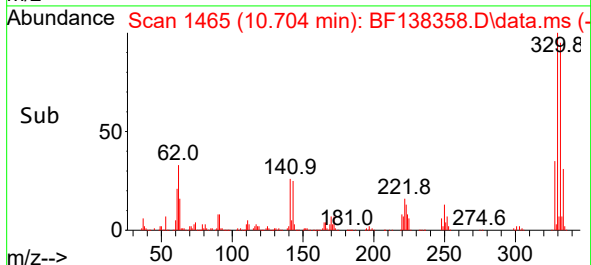
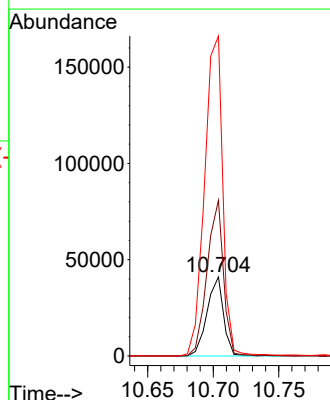
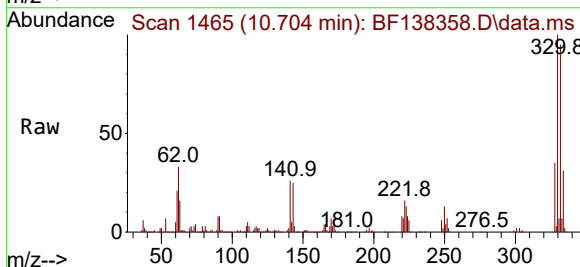
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

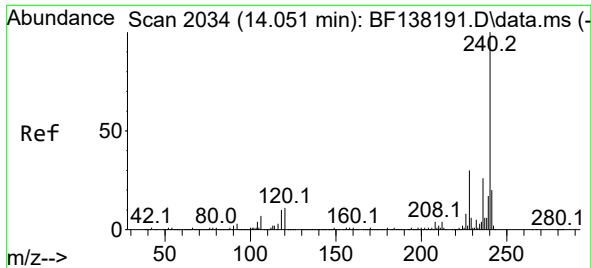
Tgt Ion:198 Resp: 75
Ion Ratio Lower Upper
198 100
51 118.3 26.9 66.9#
105 100.0 26.0 66.0#



#67
4-Bromophenyl-phenylether
Concen: 4.472 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.259 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:248 Resp: 36007
Ion Ratio Lower Upper
248 100
250 197.0 77.2 115.8#
141 404.8 44.1 66.1#

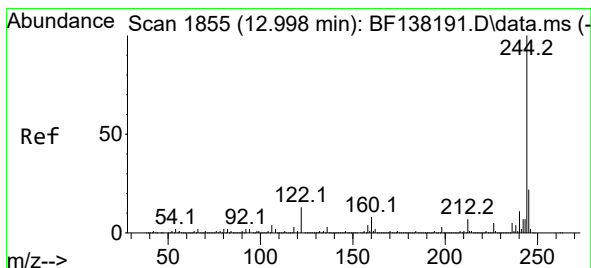
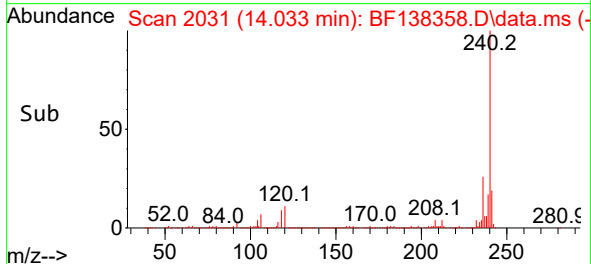
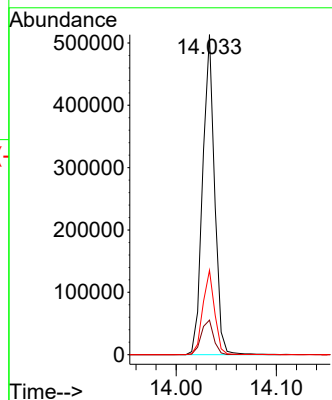
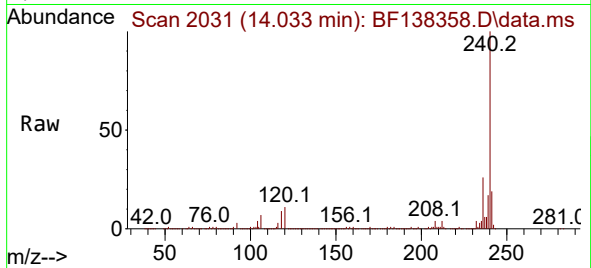




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2034
Delta R.T. -0.018 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

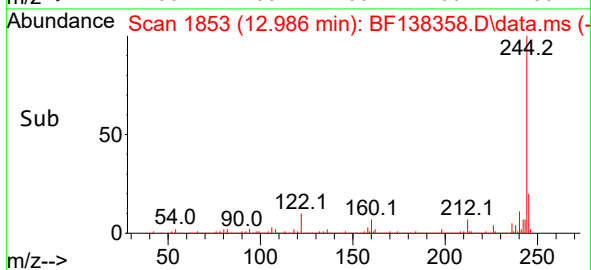
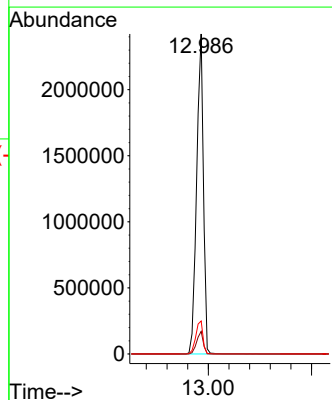
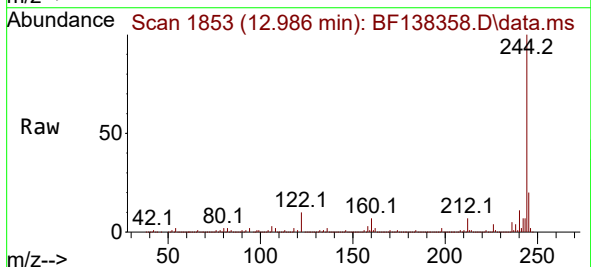
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

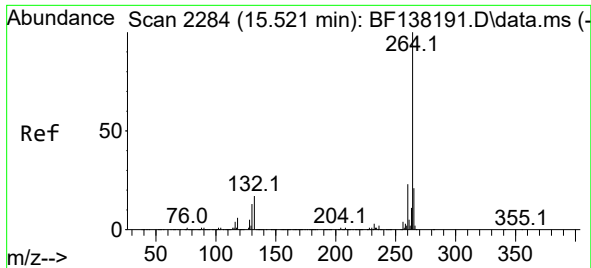
Tgt Ion:240 Resp: 425053
Ion Ratio Lower Upper
240 100
120 10.8 9.2 13.8
236 26.4 21.0 31.6



#79
Terphenyl-d14
Concen: 81.712 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF138358.D
Acq: 26 Jun 2024 18:29

Tgt Ion:244 Resp: 2192919
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 10.3 10.6 15.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF138358.D
 Acq: 26 Jun 2024 18:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Tgt Ion:264 Resp: 453845
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 21.8 17.0 25.6

