

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138230.D
 Acq On : 18 Jun 2024 17:59
 Operator : CG\JU
 Sample : P2915-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Quant Time: Jun 18 18:32:03 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)

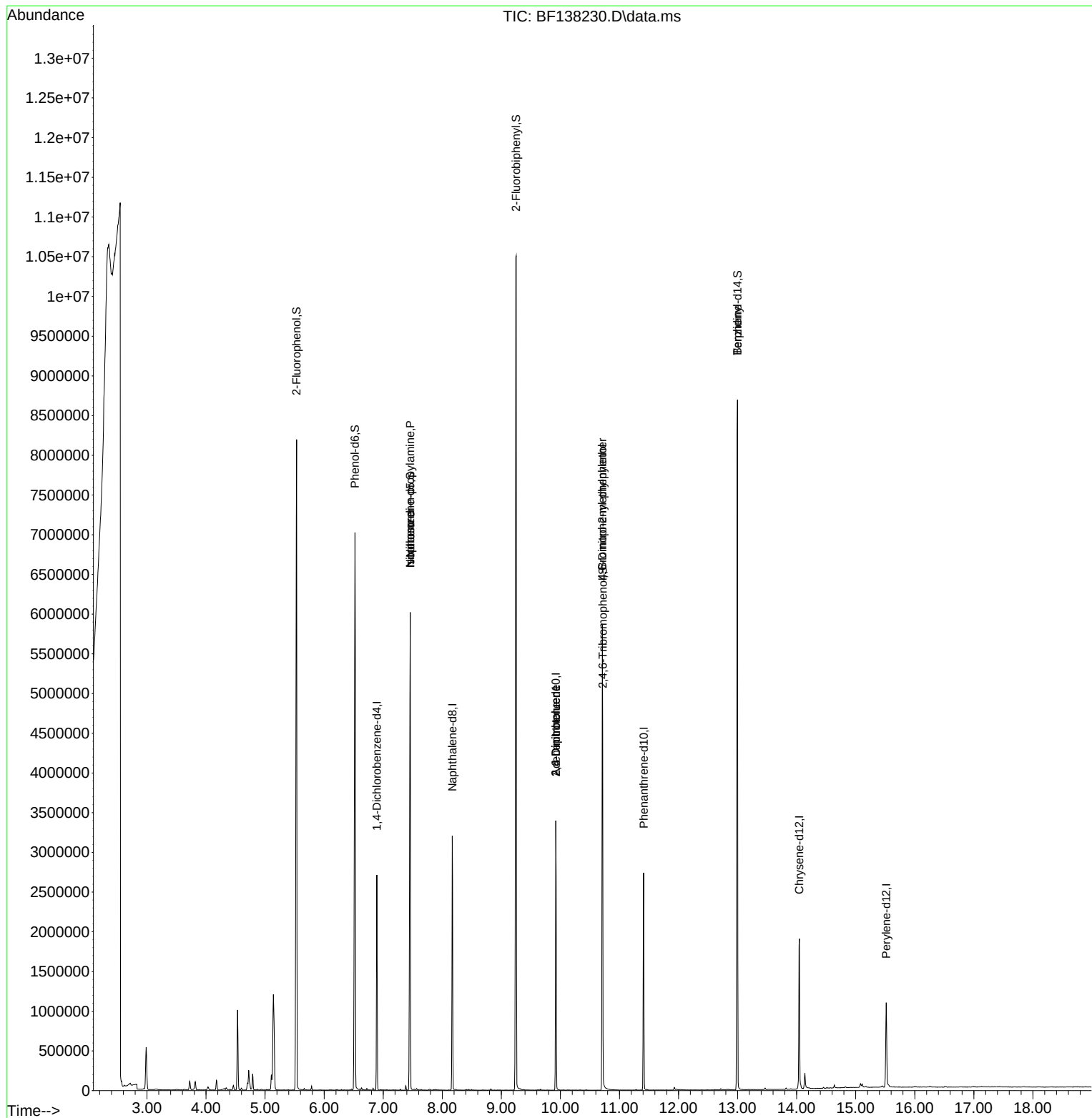
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	359661	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1383351	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	698701	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	973150	20.000	ng	0.00
76) Chrysene-d12	14.045	240	653079	20.000	ng	0.00
86) Perylene-d12	15.516	264	498078	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	2630056	122.327	ng	0.02
7) Phenol-d6	6.522	99	3084698	113.146	ng	0.00
23) Nitrobenzene-d5	7.457	82	2094138	88.129	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	770947	110.836	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3675660	83.653	ng	0.00
79) Terphenyl-d14	12.998	244	3214163	77.949	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.457	70	282479	17.480	ng	# 76
25) Isophorone	7.457	82	2093359	48.704	ng	# 62
51) 2,6-Dinitrotoluene	9.922	165	91809	9.885	ng	# 25
57) 2,4-Dinitrotoluene	9.922	165	91946	8.027	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.710	198	1538	7.200	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	50563	4.611	ng	# 1
77) Benzidine	12.998	184	41253	5.461	ng	# 94

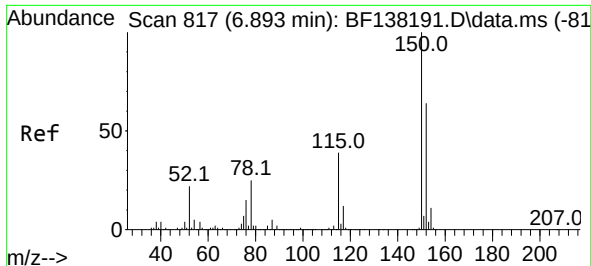
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
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Quant Time: Jun 18 18:32:03 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

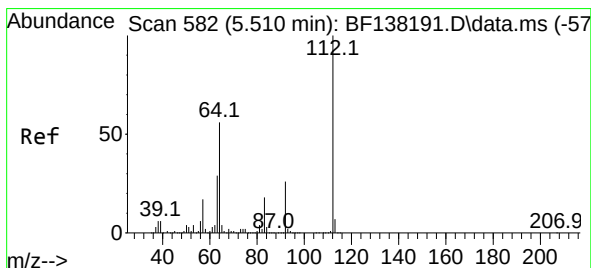
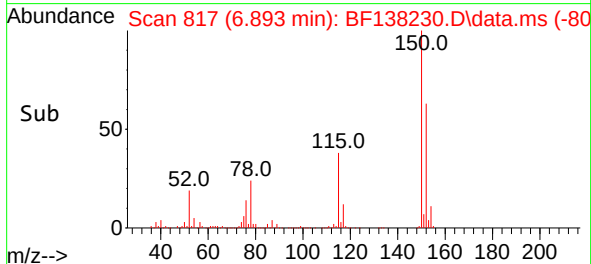
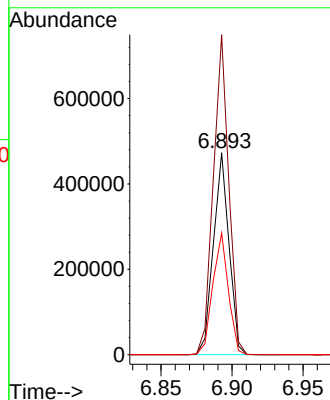
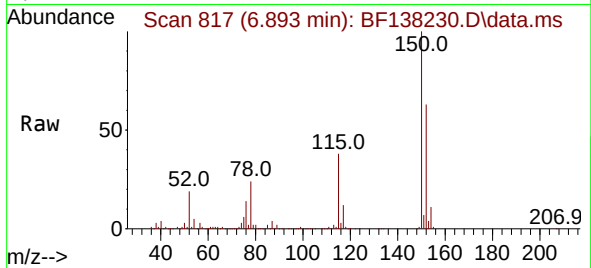




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF138230.D
 Acq: 18 Jun 2024 17:59

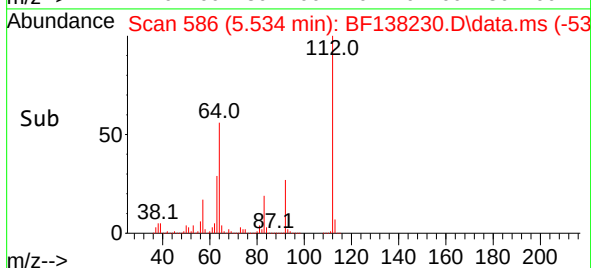
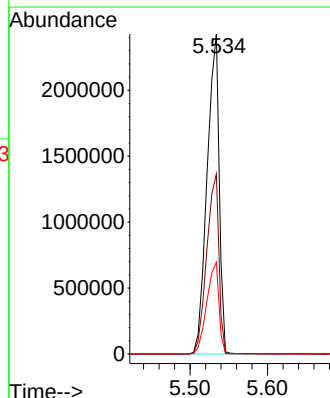
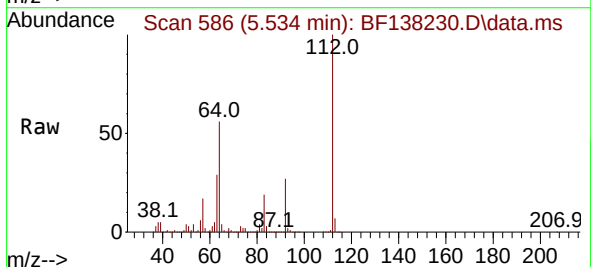
Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

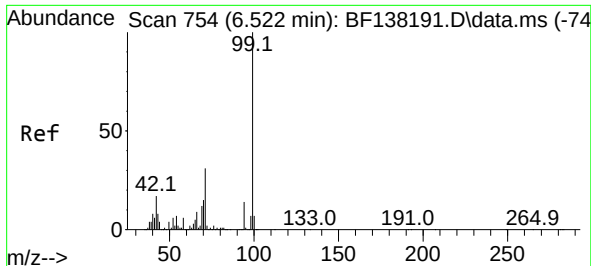
Tgt Ion:152 Resp: 359661
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.0 187.4
 115 60.3 48.4 72.6



#5
 2-Fluorophenol
 Concen: 122.327 ng
 RT: 5.534 min Scan# 586
 Delta R.T. 0.024 min
 Lab File: BF138230.D
 Acq: 18 Jun 2024 17:59

Tgt Ion:112 Resp: 2630056
 Ion Ratio Lower Upper
 112 100
 64 56.2 45.2 67.8
 63 28.7 22.9 34.3

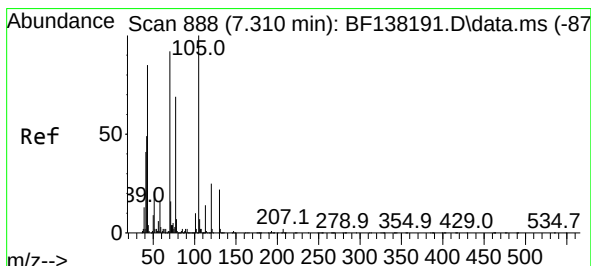
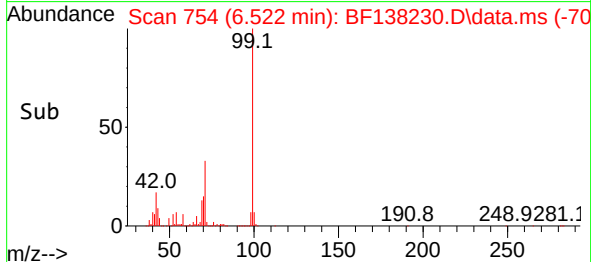
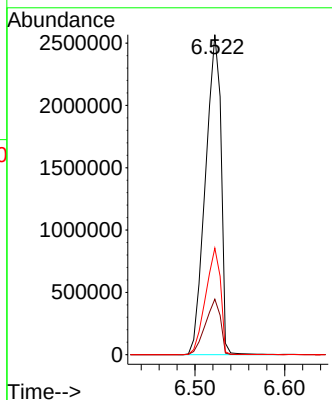
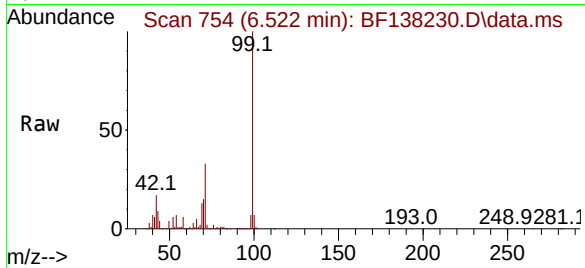




#7
Phenol-d6
Concen: 113.146 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

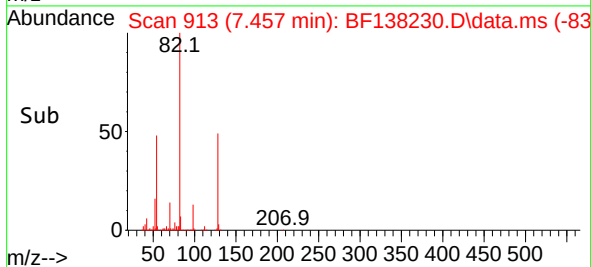
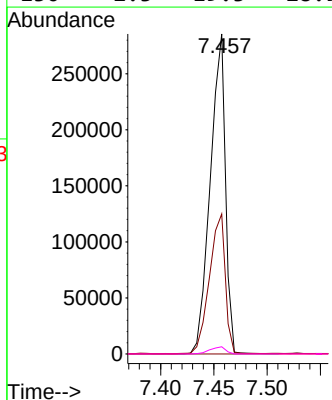
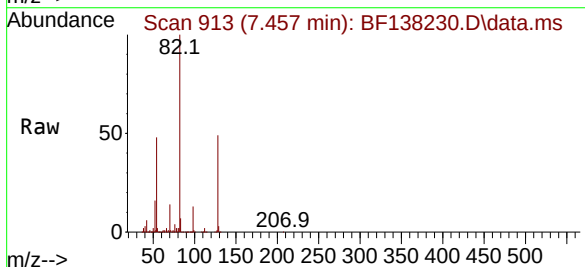
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

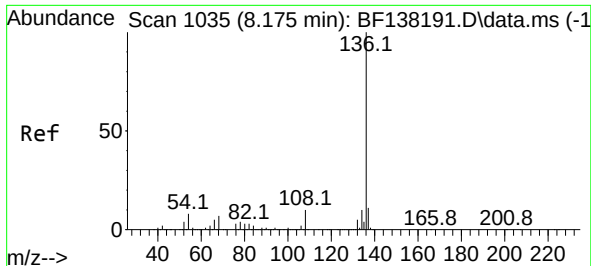
Tgt Ion: 99 Resp: 3084698
Ion Ratio Lower Upper
99 100
42 17.4 13.7 20.5
71 33.3 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.480 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.147 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion: 70 Resp: 282479
Ion Ratio Lower Upper
70 100
42 43.7 42.8 64.2
101 0.0 8.4 12.6#
130 2.3 19.3 28.9#

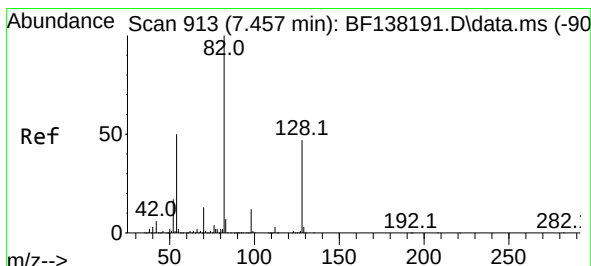
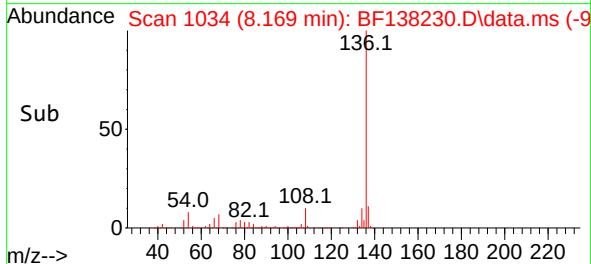
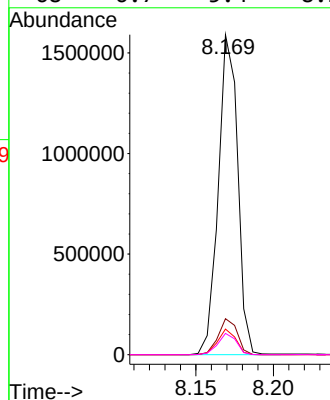
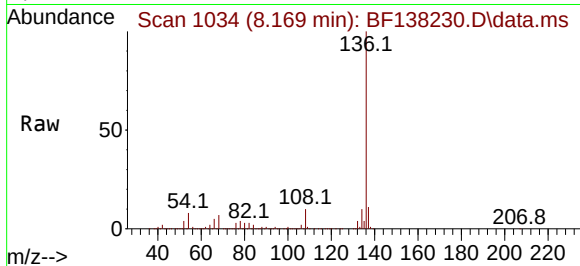




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

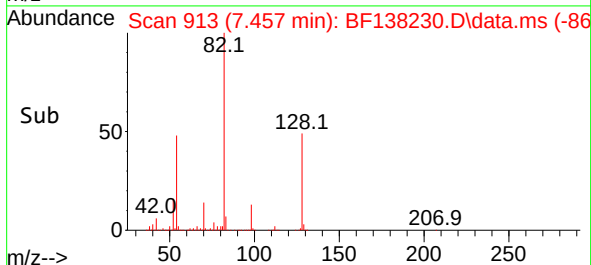
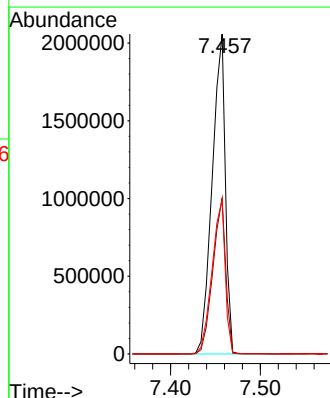
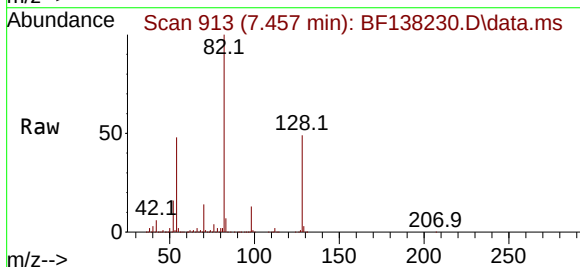
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

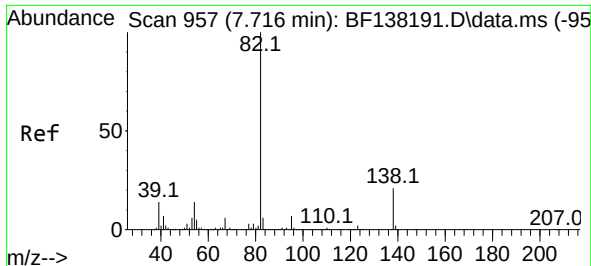
Tgt Ion:136 Resp: 1383351
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.0 6.6 10.0
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 88.129 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.000 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion: 82 Resp: 2094138
Ion Ratio Lower Upper
82 100
128 48.7 37.2 55.8
54 48.3 39.8 59.6

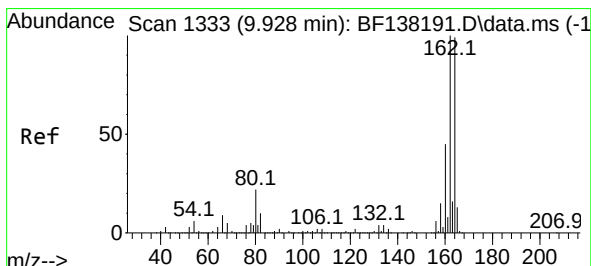
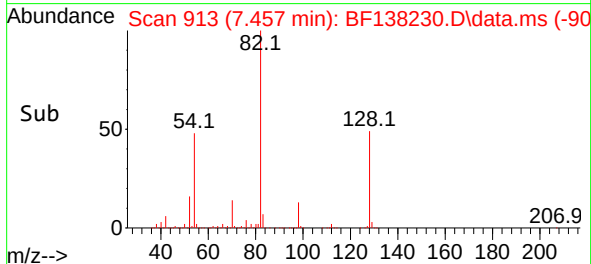
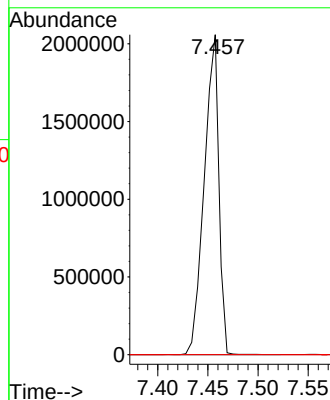
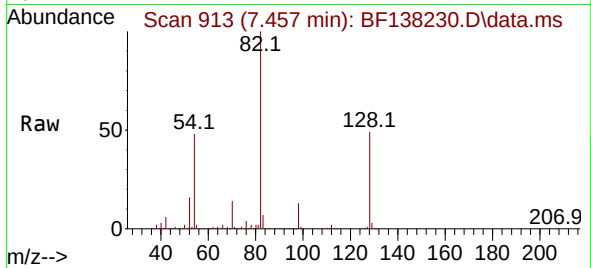




#25
Isophorone
Concen: 48.704 ng
RT: 7.457 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

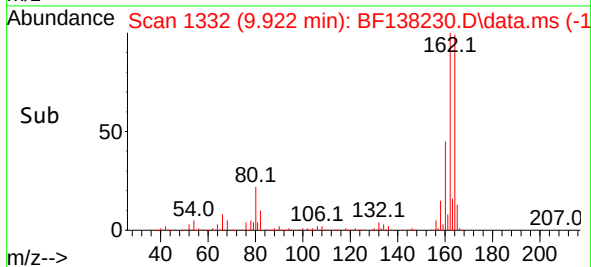
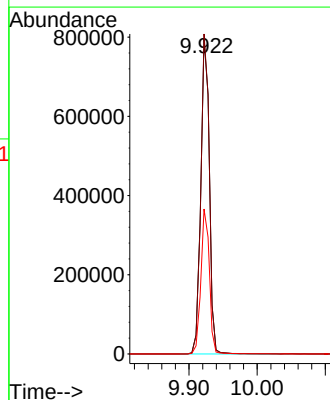
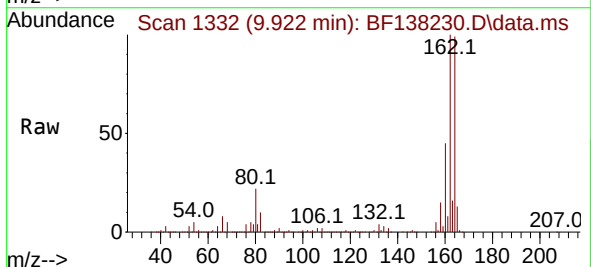
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

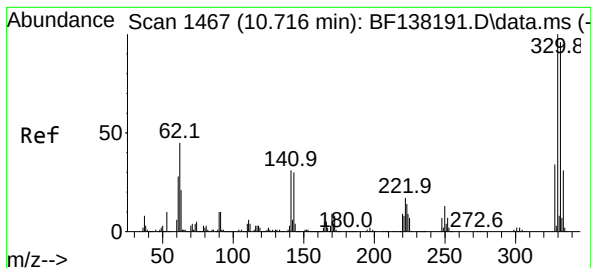
Tgt Ion: 82 Resp: 2093359
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion: 164 Resp: 698701
Ion Ratio Lower Upper
164 100
162 101.5 80.6 121.0
160 46.0 36.3 54.5

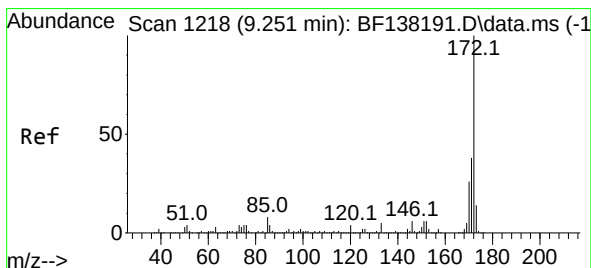
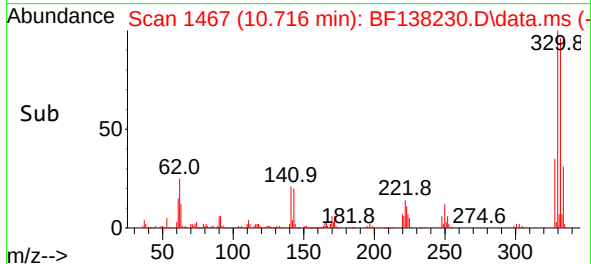
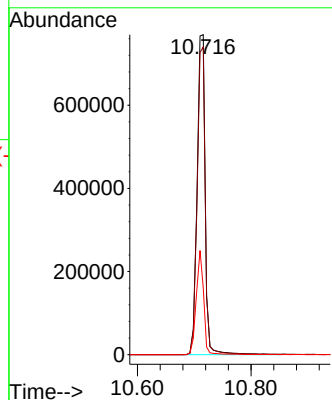
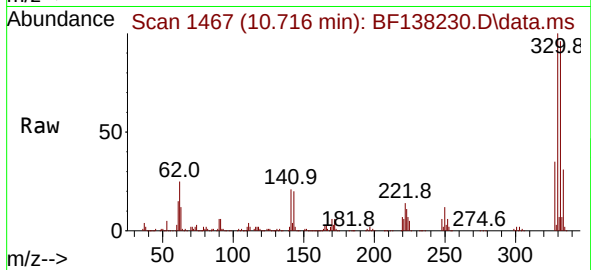




#42
 2,4,6-Tribromophenol
 Concen: 110.836 ng
 RT: 10.716 min Scan# 1467
 Delta R.T. 0.000 min
 Lab File: BF138230.D
 Acq: 18 Jun 2024 17:59

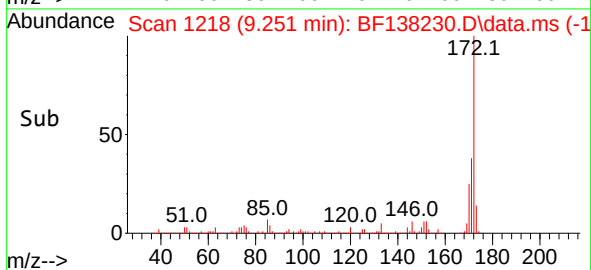
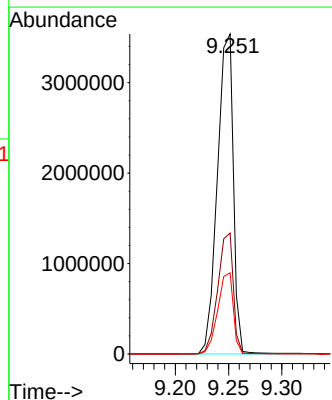
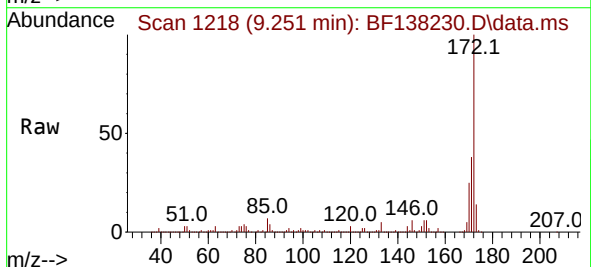
Instrument :
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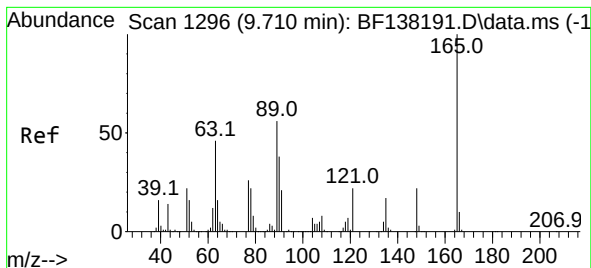
Tgt Ion:330 Resp: 770947
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 115.0
 141 29.7 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 83.653 ng
 RT: 9.251 min Scan# 1218
 Delta R.T. 0.000 min
 Lab File: BF138230.D
 Acq: 18 Jun 2024 17:59

Tgt Ion:172 Resp: 3675660
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.3 45.5
 170 25.4 20.6 30.8

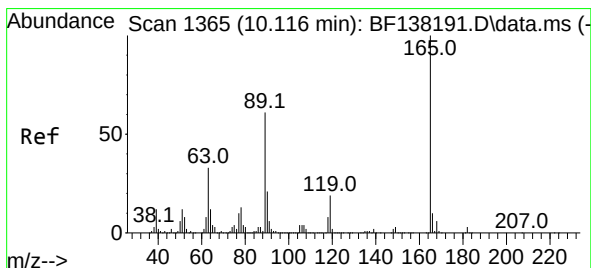
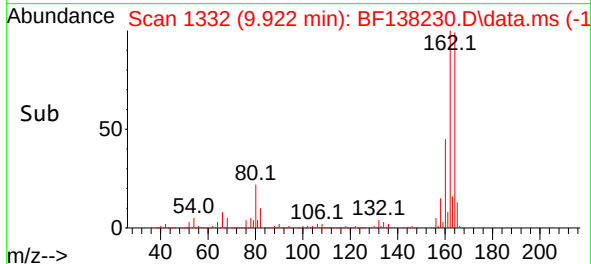
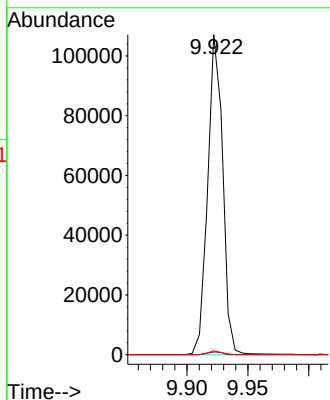
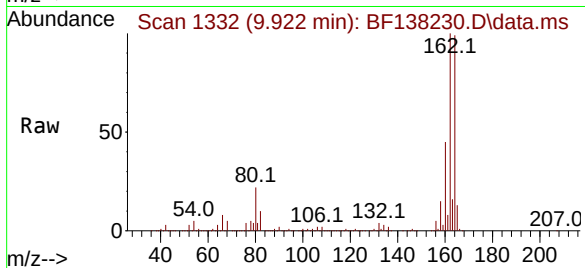




#51
2,6-Dinitrotoluene
Concen: 9.885 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

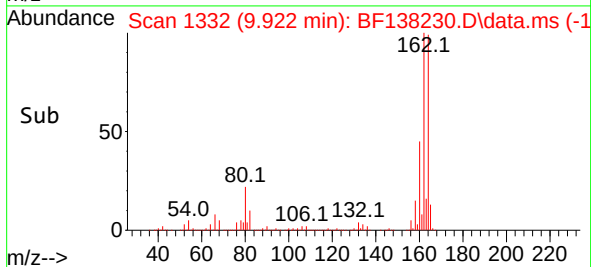
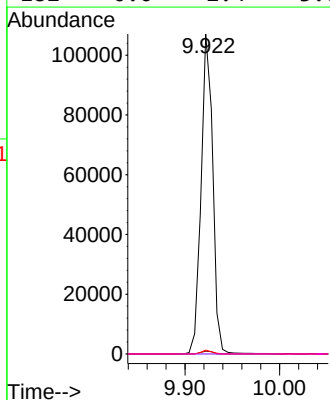
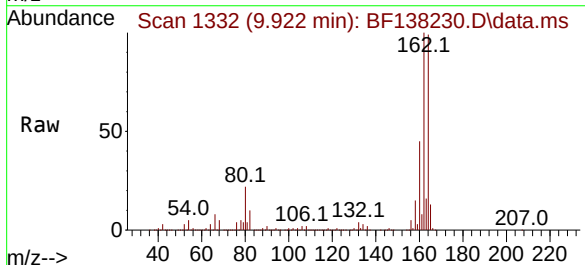
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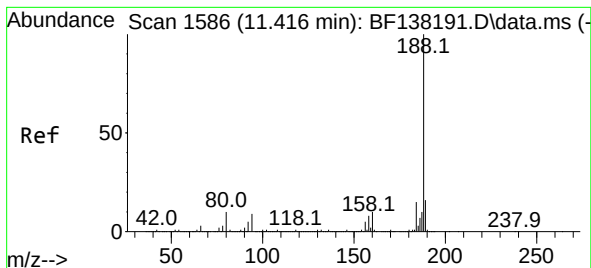
Tgt Ion:165 Resp: 91809
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.2 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 8.027 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion:165 Resp: 91946
Ion Ratio Lower Upper
165 100
63 0.9 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: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138230.D

Acq: 18 Jun 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WC-SOUTH-1

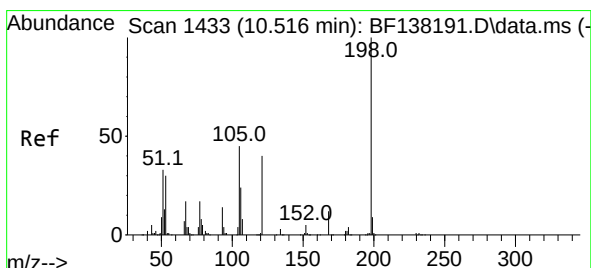
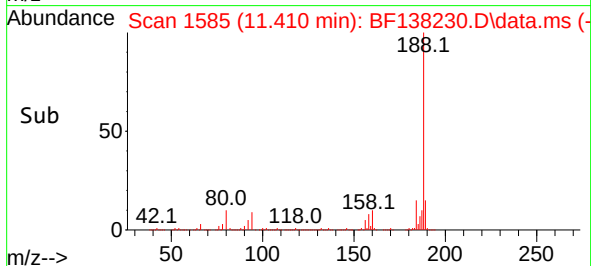
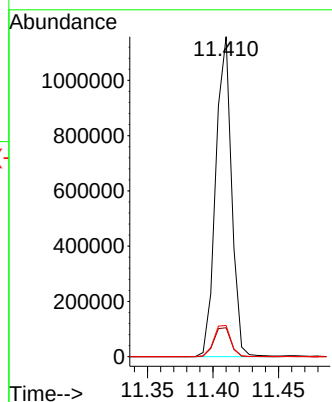
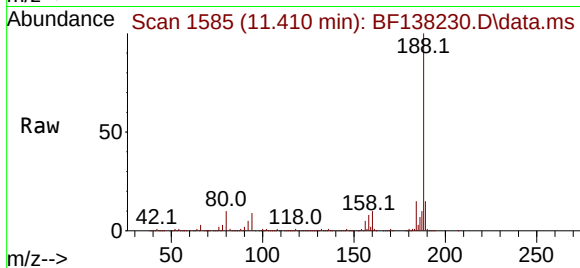
Tgt Ion:188 Resp: 973150

Ion Ratio Lower Upper

188 100

94 9.1 7.6 11.4

80 9.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.200 ng

RT: 10.710 min Scan# 1466

Delta R.T. 0.194 min

Lab File: BF138230.D

Acq: 18 Jun 2024 17:59

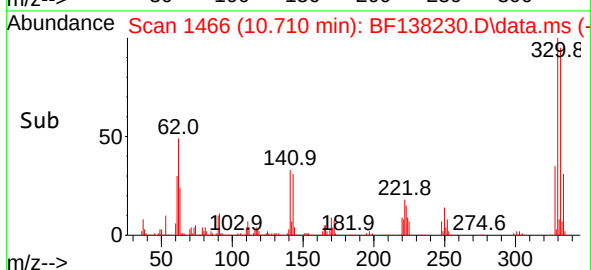
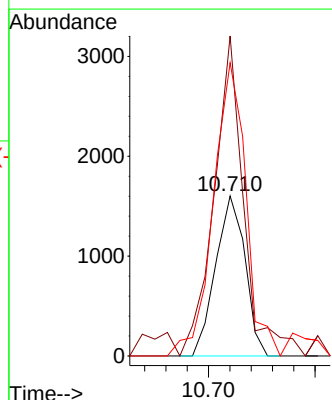
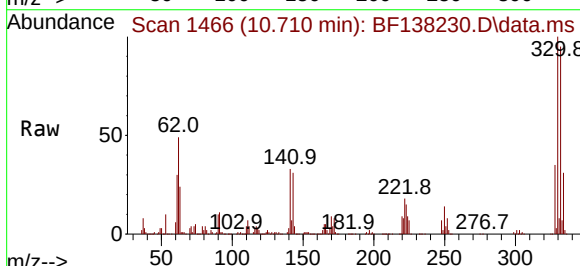
Tgt Ion:198 Resp: 1538

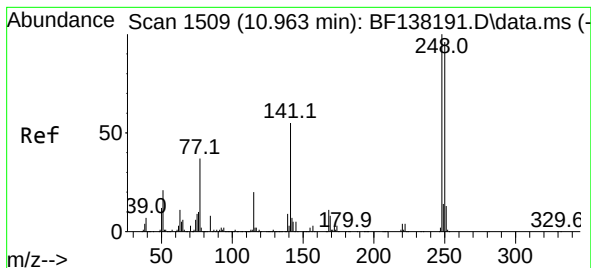
Ion Ratio Lower Upper

198 100

51 199.9 26.9 66.9#

105 183.3 26.0 66.0#

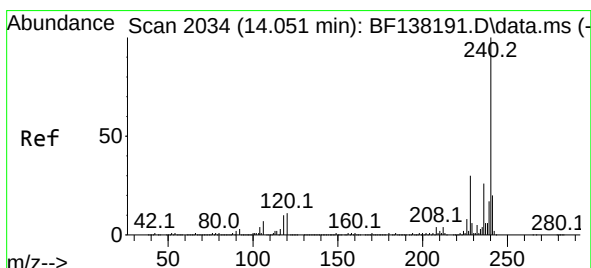
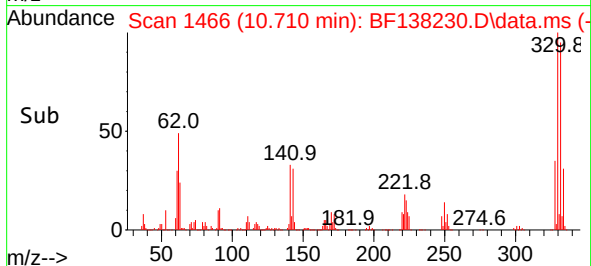
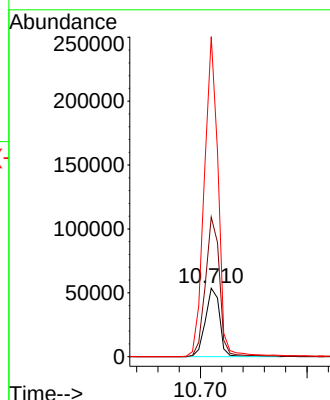
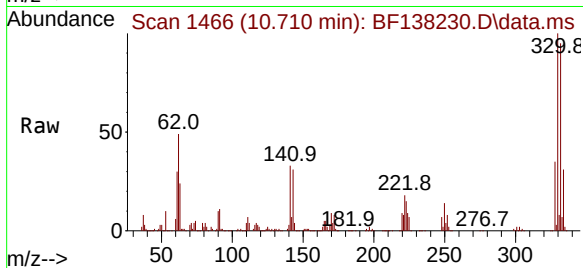




#67
4-Bromophenyl-phenylether
Concen: 4.611 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.253 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

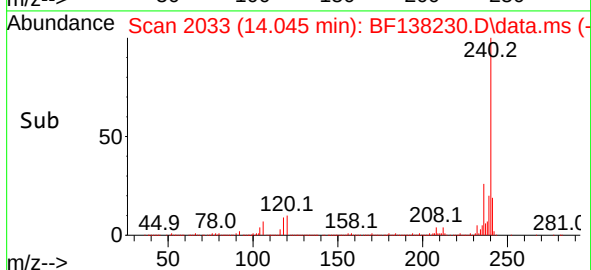
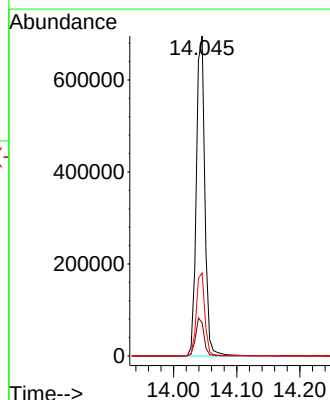
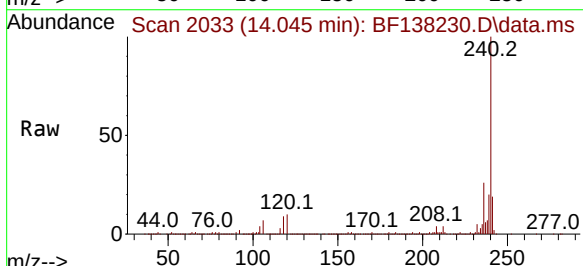
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

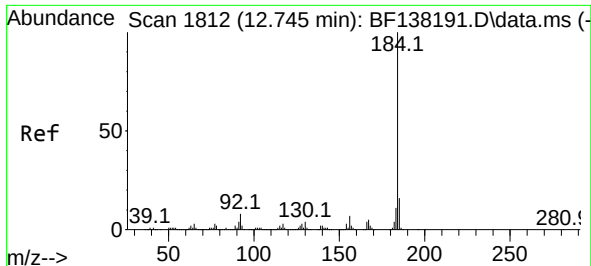
Tgt Ion:248 Resp: 50563
Ion Ratio Lower Upper
248 100
250 203.8 77.2 115.8#
141 466.9 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion:240 Resp: 653079
Ion Ratio Lower Upper
240 100
120 10.3 9.2 13.8
236 25.9 21.0 31.6

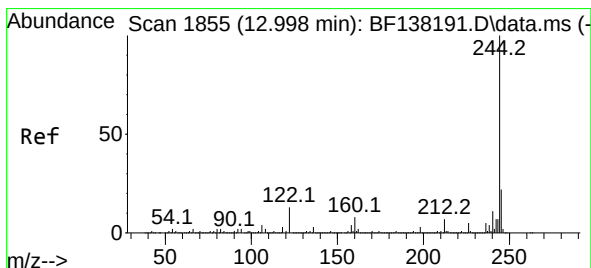
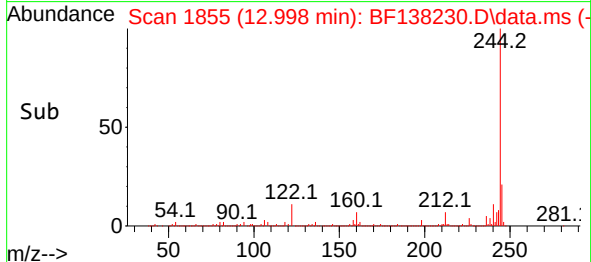
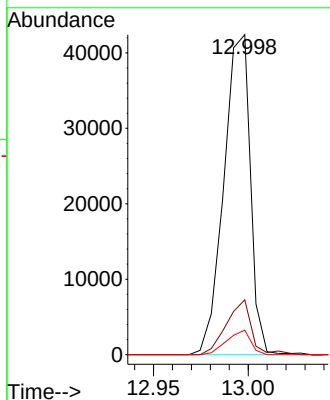
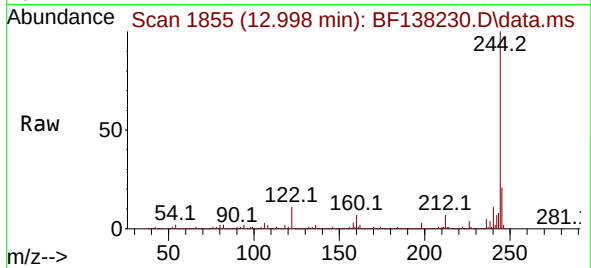




#77
Benzidine
Concen: 5.461 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

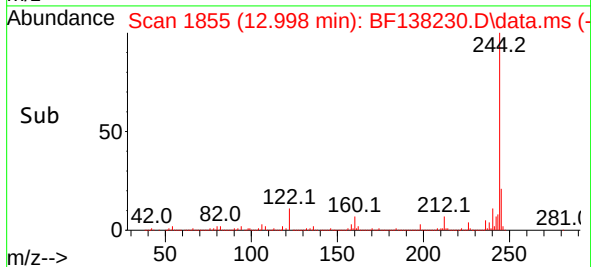
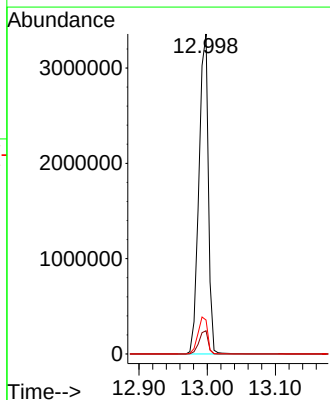
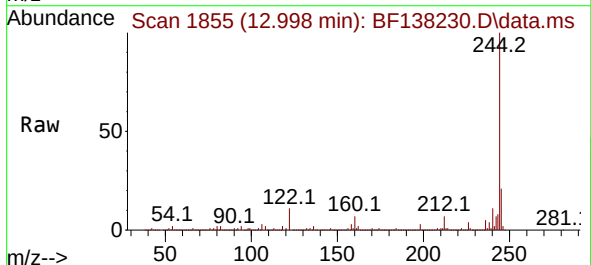
Instrument :
BNA_F
ClientSampleId :
WC-SOUTH-1

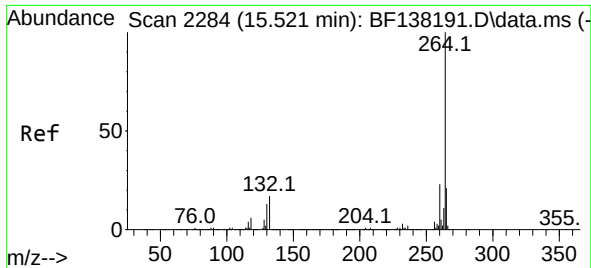
Tgt Ion:184 Resp: 41253
Ion Ratio Lower Upper
184 100
185 17.1 12.6 19.0
183 7.7 9.0 13.6#



#79
Terphenyl-d14
Concen: 77.949 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.000 min
Lab File: BF138230.D
Acq: 18 Jun 2024 17:59

Tgt Ion:244 Resp: 3214163
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.6 10.6 15.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138230.D
 Acq: 18 Jun 2024 17:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-SOUTH-1

Tgt Ion:264 Resp: 498078
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.7 28.1
 265 21.6 17.0 25.6

