

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
 Data File : BF138203.D
 Acq On : 17 Jun 2024 14:31
 Operator : CG\JU
 Sample : PB161522BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161522BL

Quant Time: Jun 17 14:57:58 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)

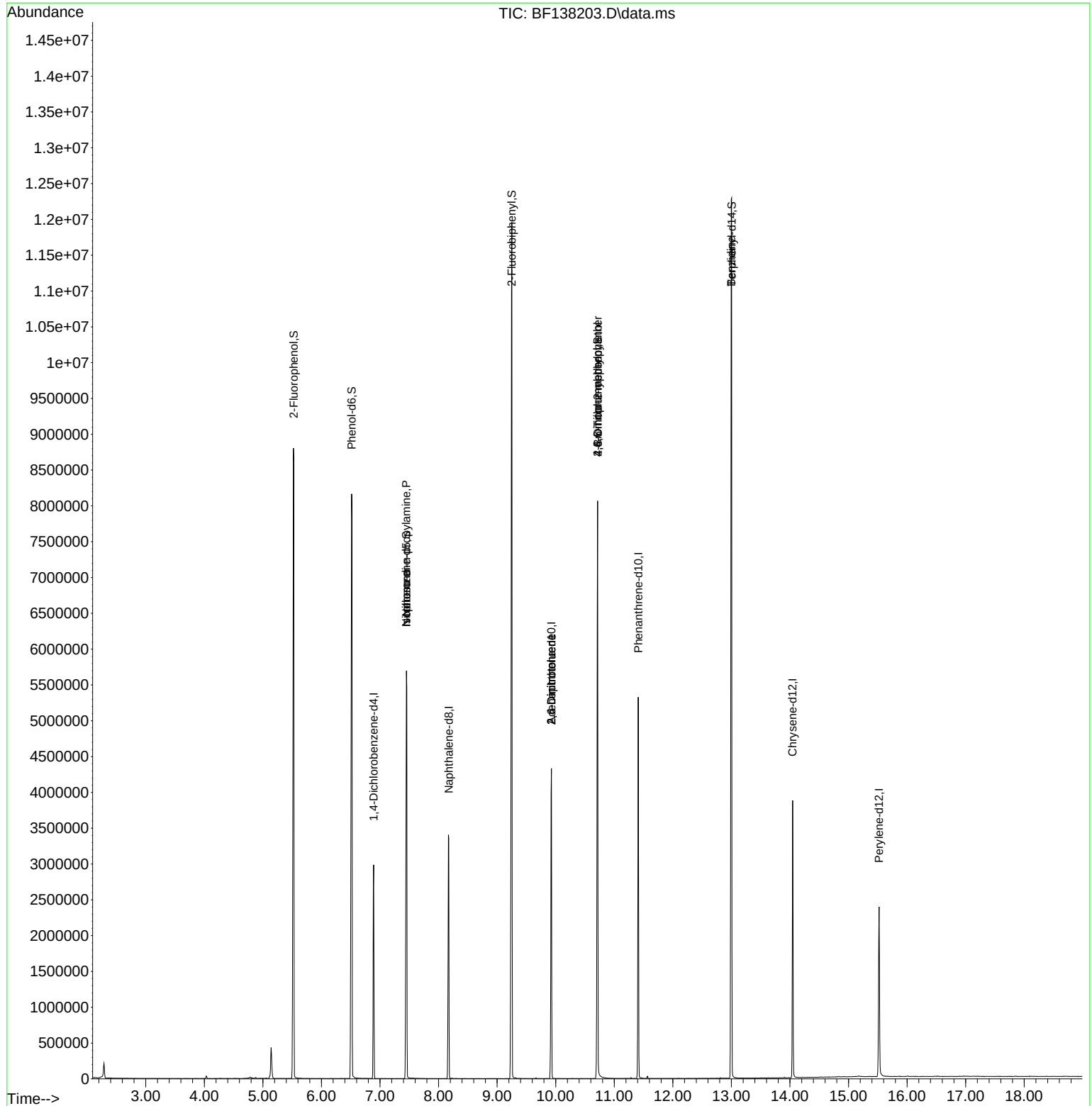
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	443438	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1751255	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	974626	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1753093	20.000	ng	0.00
76) Chrysene-d12	14.045	240	1160965	20.000	ng	0.00
86) Perylene-d12	15.521	264	1082417	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	3013224	113.671	ng	0.02
7) Phenol-d6	6.516	99	3748206	111.509	ng	0.00
23) Nitrobenzene-d5	7.451	82	2323464	77.238	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	1057055	108.945	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	4243608	69.236	ng	0.00
79) Terphenyl-d14	13.004	244	4857309	66.265	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	310175	15.567	ng	# 77
25) Isophorone	7.451	82	2303408	42.333	ng	# 62
51) 2,6-Dinitrotoluene	9.928	165	126895	9.795	ng	# 25
57) 2,4-Dinitrotoluene	9.928	165	126895	7.942	ng	# 31
65) 4,6-Dinitro-2-methylph...	10.716	198	2540	7.178	ng	# 1
67) 4-Bromophenyl-phenylether	10.716	248	70823	3.585	ng	# 1
77) Benzidine	12.998	184	68180	5.077	ng	# 93

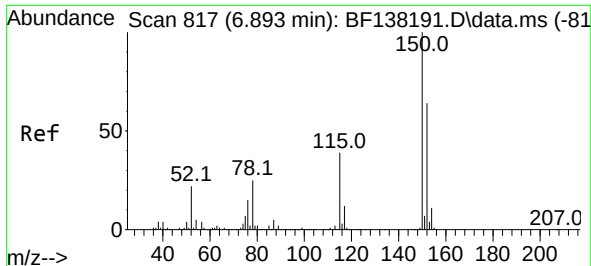
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061724\
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BNA_F
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Quant Time: Jun 17 14:57:58 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

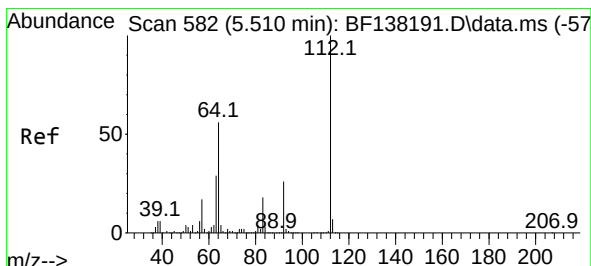
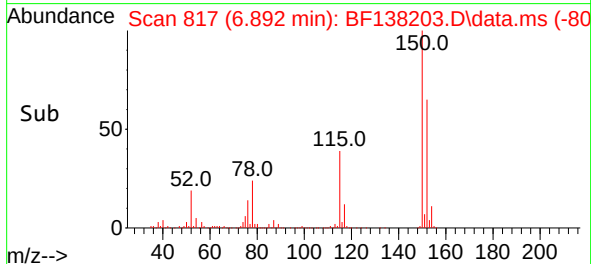
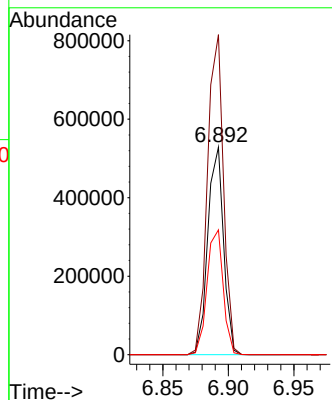
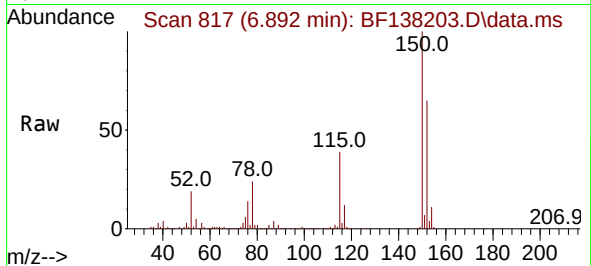




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

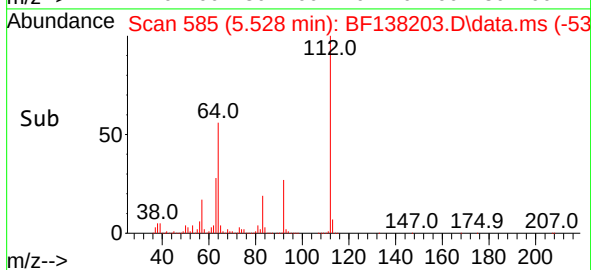
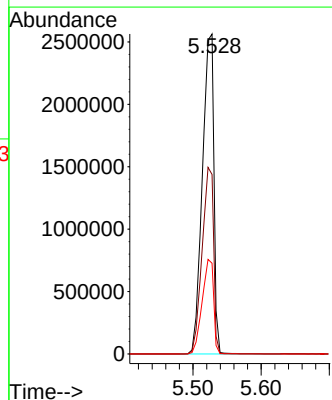
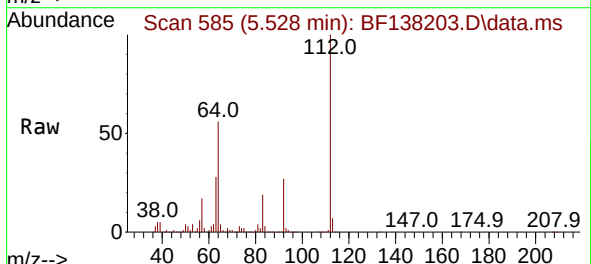
Instrument :
BNA_F
ClientSampleId :
PB161522BL

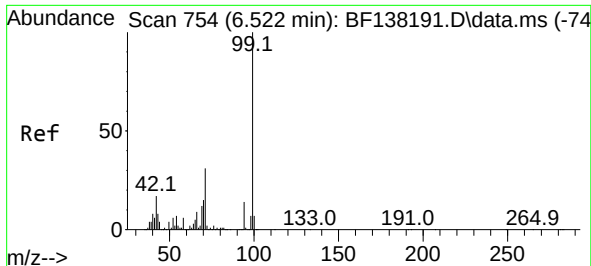
Tgt Ion:152 Resp: 443438
Ion Ratio Lower Upper
152 100
150 154.2 125.0 187.4
115 60.1 48.4 72.6



#5
2-Fluorophenol
Concen: 113.671 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.018 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:112 Resp: 3013224
Ion Ratio Lower Upper
112 100
64 56.1 45.2 67.8
63 28.4 22.9 34.3

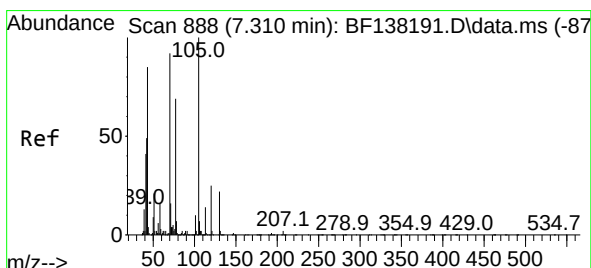
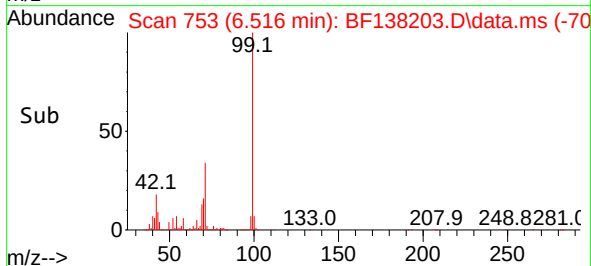
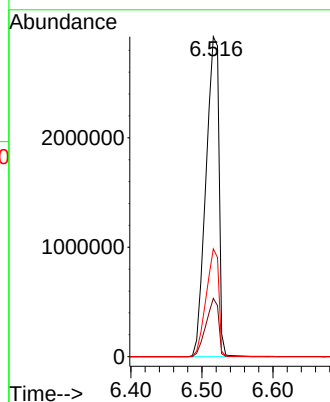
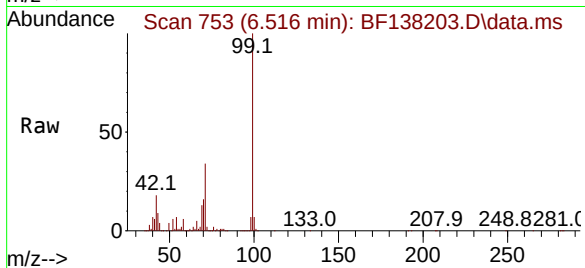




#7
Phenol-d6
Concen: 111.509 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

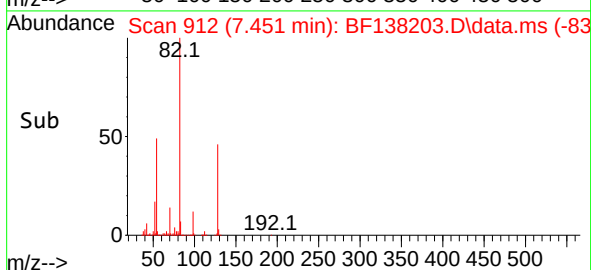
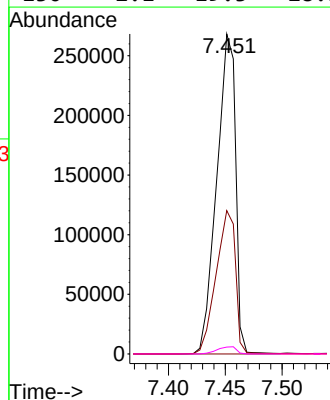
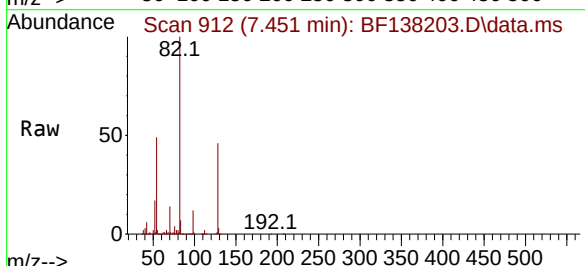
Instrument :
BNA_F
ClientSampleId :
PB161522BL

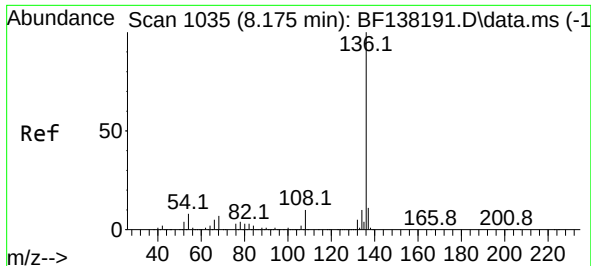
Tgt Ion: 99 Resp: 3748206
Ion Ratio Lower Upper
99 100
42 18.2 13.7 20.5
71 33.7 25.0 37.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.567 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.141 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion: 70 Resp: 310175
Ion Ratio Lower Upper
70 100
42 44.8 42.8 64.2
101 0.0 8.4 12.6#
130 2.1 19.3 28.9#

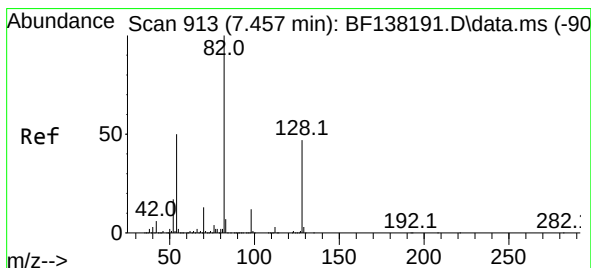
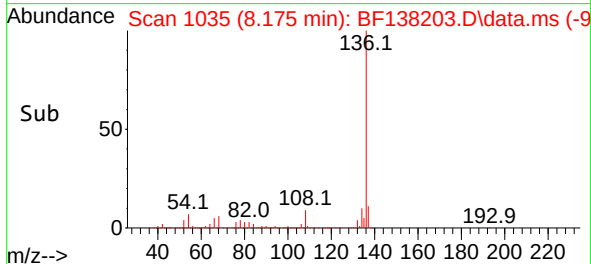
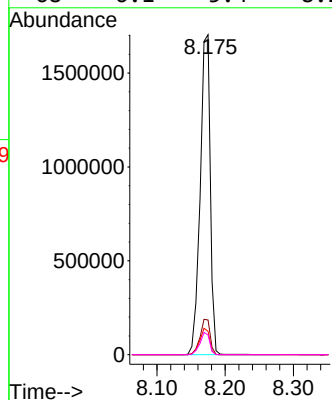
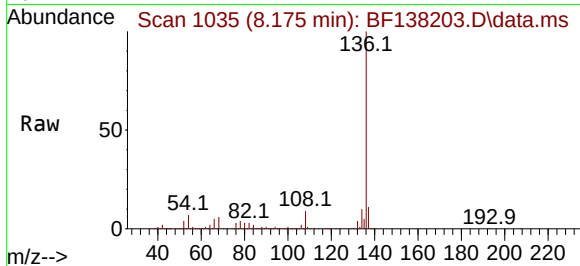




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

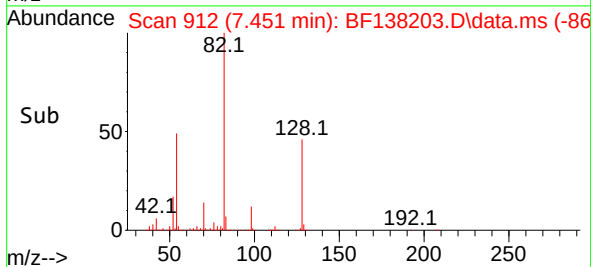
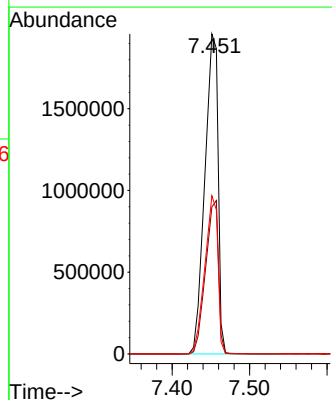
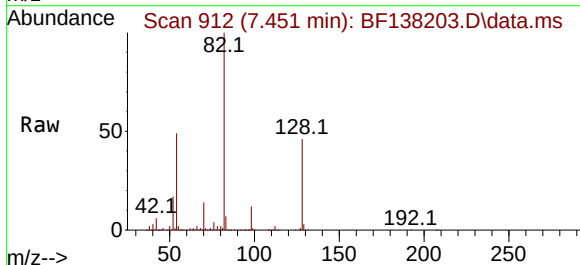
Instrument :
BNA_F
ClientSampleId :
PB161522BL

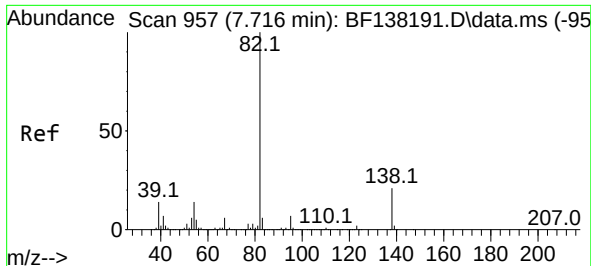
Tgt Ion:136 Resp: 1751255
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.3 6.6 10.0
68 6.1 5.4 8.2



#23
Nitrobenzene-d5
Concen: 77.238 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion: 82 Resp: 2323464
Ion Ratio Lower Upper
82 100
128 46.0 37.2 55.8
54 49.4 39.8 59.6

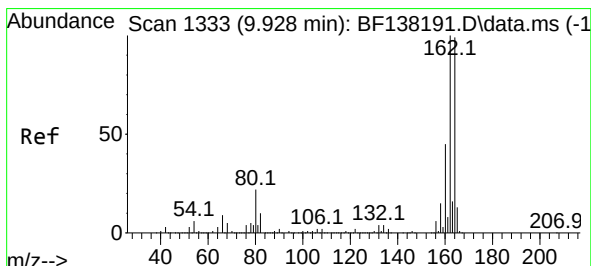
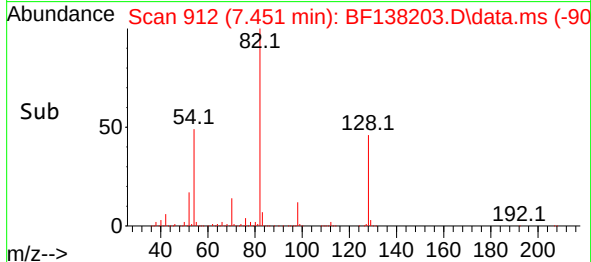
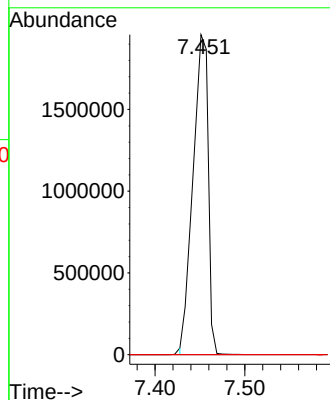
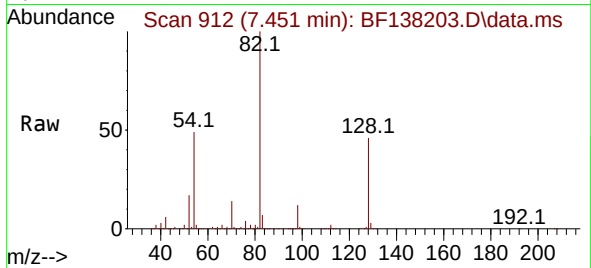




#25
Isophorone
Concen: 42.333 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

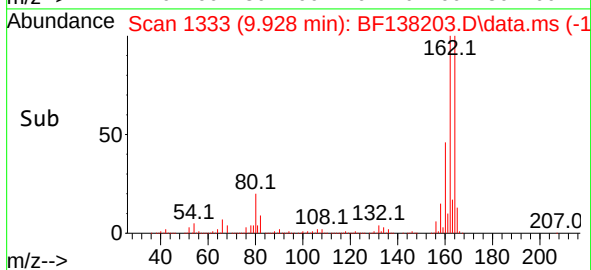
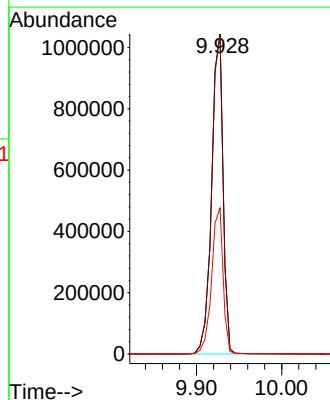
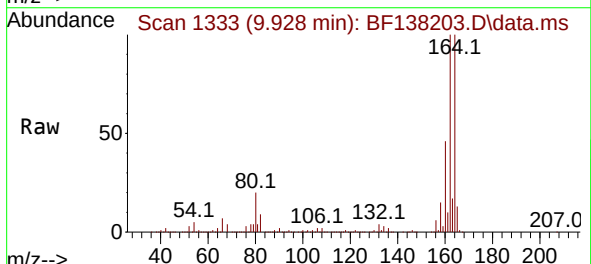
Instrument :
BNA_F
ClientSampleId :
PB161522BL

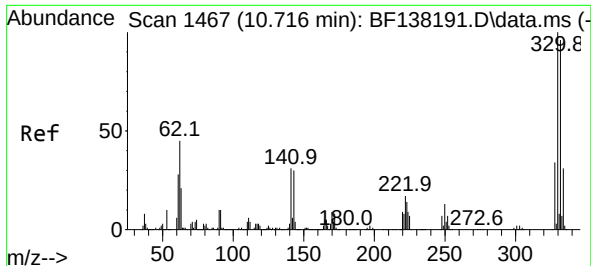
Tgt Ion: 82 Resp: 2303408
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 16.4 24.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:164 Resp: 974626
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.7 36.3 54.5

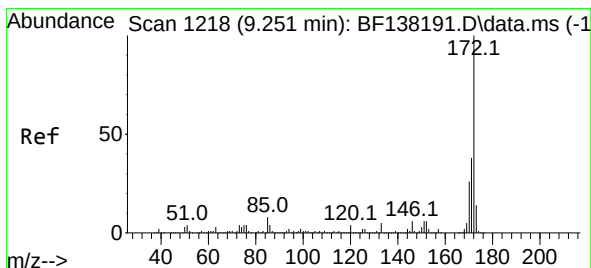
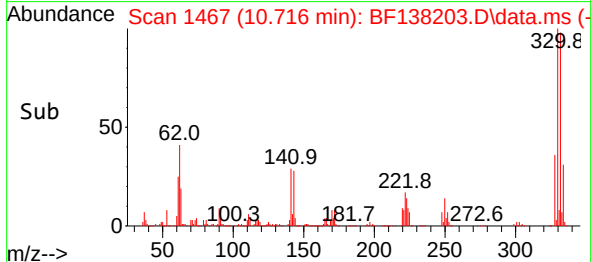
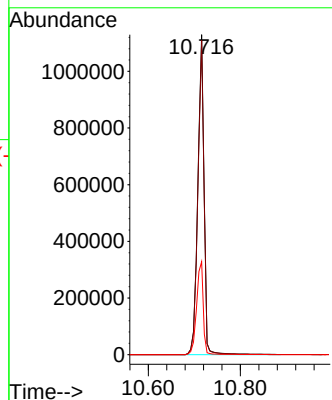
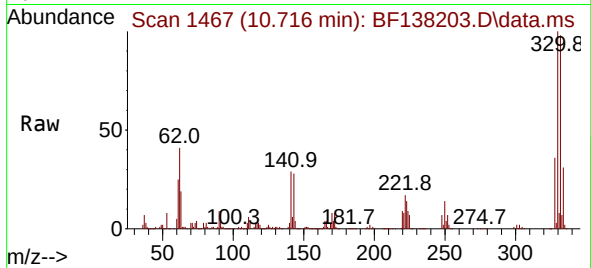




#42
2,4,6-Tribromophenol
Concen: 108.945 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

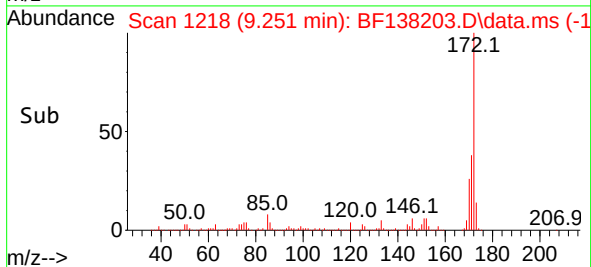
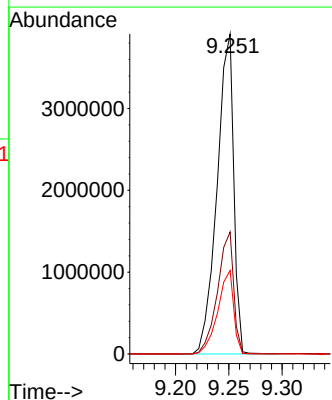
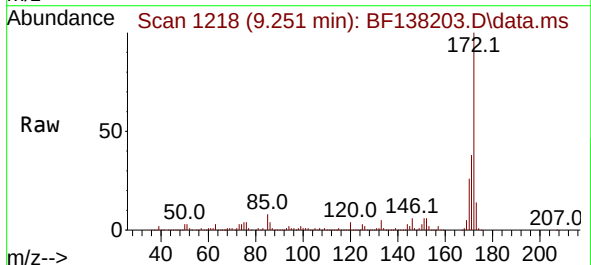
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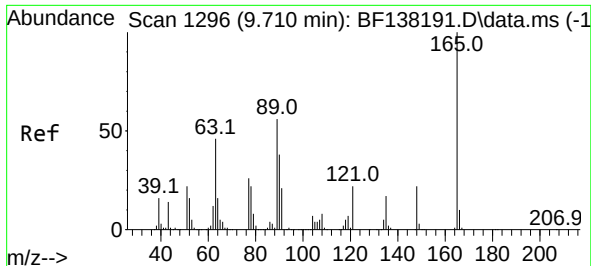
Tgt Ion:330 Resp: 1057055
Ion Ratio Lower Upper
330 100
332 97.5 76.6 115.0
141 31.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 69.236 ng
RT: 9.251 min Scan# 1218
Delta R.T. 0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:172 Resp: 4243608
Ion Ratio Lower Upper
172 100
171 38.1 30.3 45.5
170 26.1 20.6 30.8

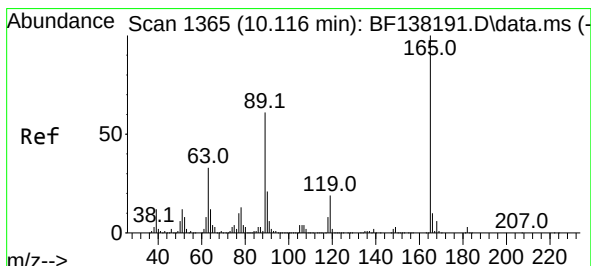
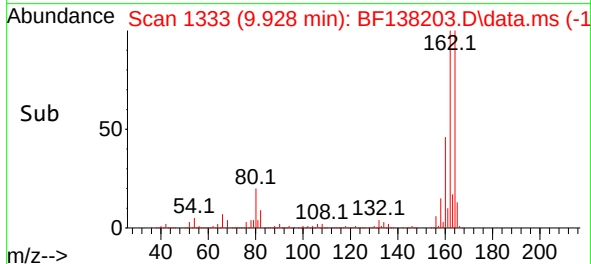
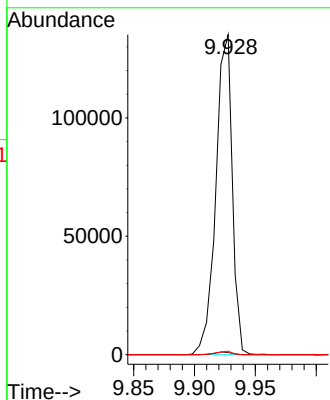
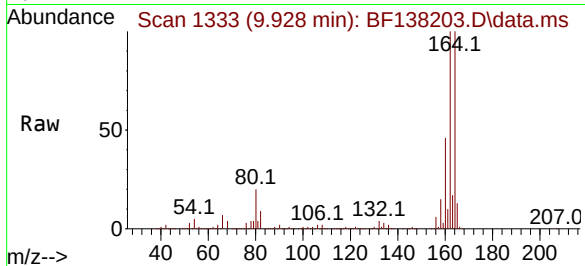




#51
2,6-Dinitrotoluene
Concen: 9.795 ng
RT: 9.928 min Scan# 1333
Delta R.T. 0.218 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

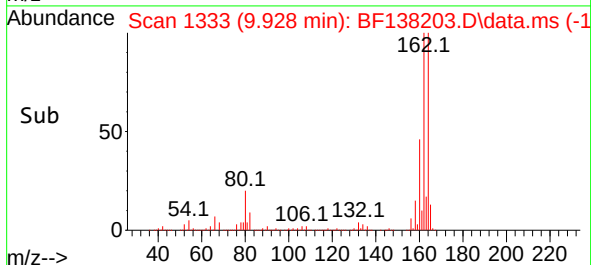
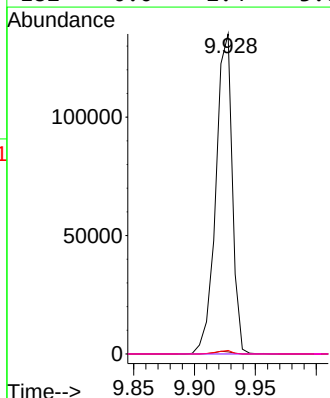
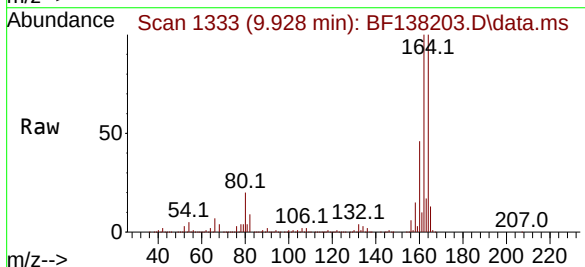
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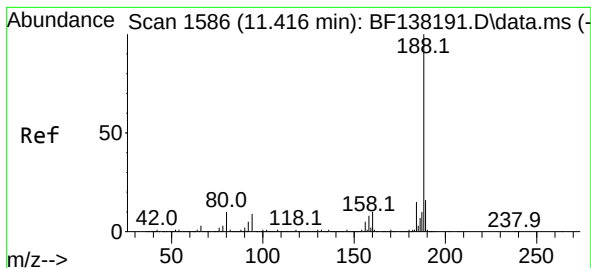
Tgt Ion:165 Resp: 126895
Ion Ratio Lower Upper
165 100
63 0.6 43.7 65.5#
89 1.1 44.9 67.3#



#57
2,4-Dinitrotoluene
Concen: 7.942 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.188 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:165 Resp: 126895
Ion Ratio Lower Upper
165 100
63 0.6 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: BF138203.D

Acq: 17 Jun 2024 14:31

Instrument :

BNA_F

ClientSampleId :

PB161522BL

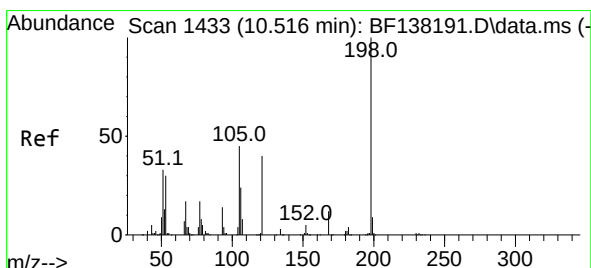
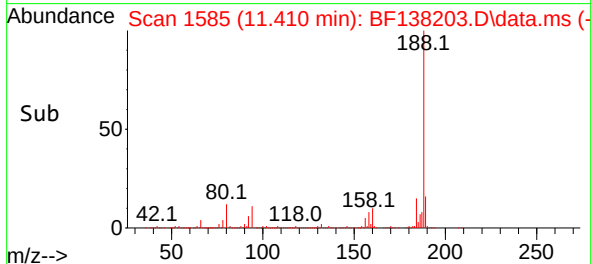
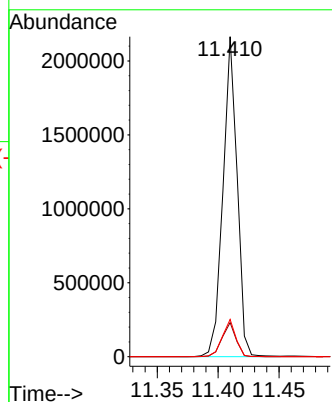
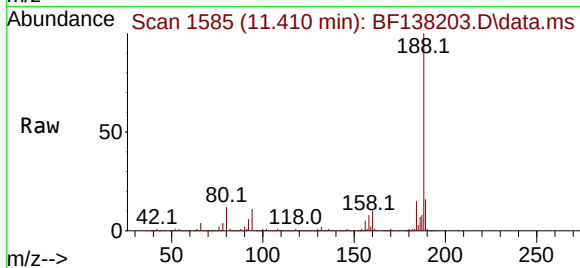
Tgt Ion:188 Resp: 1753093

Ion Ratio Lower Upper

188 100

94 10.7 7.6 11.4

80 11.7 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.178 ng

RT: 10.716 min Scan# 1467

Delta R.T. 0.200 min

Lab File: BF138203.D

Acq: 17 Jun 2024 14:31

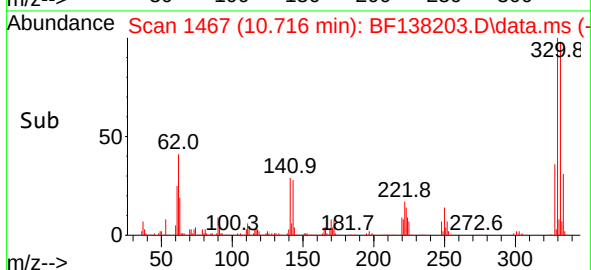
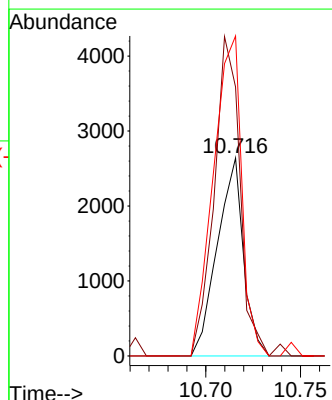
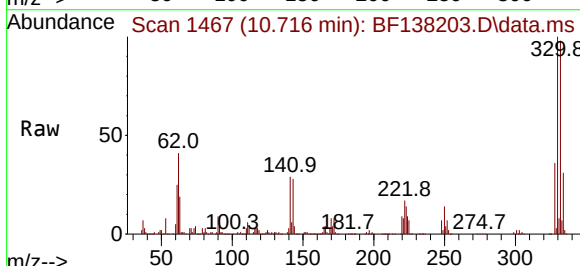
Tgt Ion:198 Resp: 2540

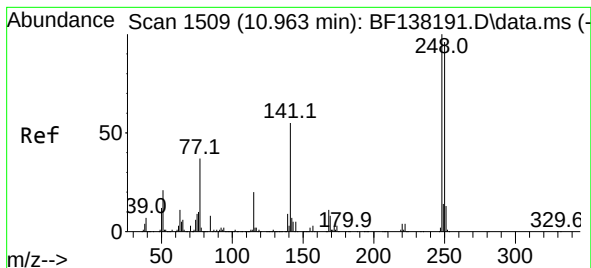
Ion Ratio Lower Upper

198 100

51 136.0 26.9 66.9#

105 161.7 26.0 66.0#

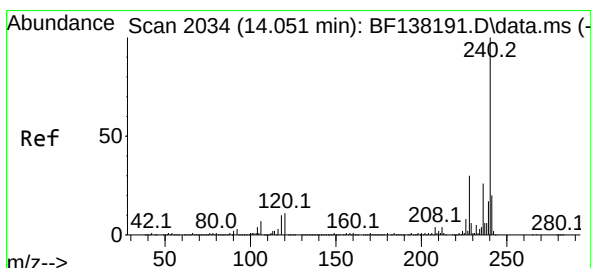
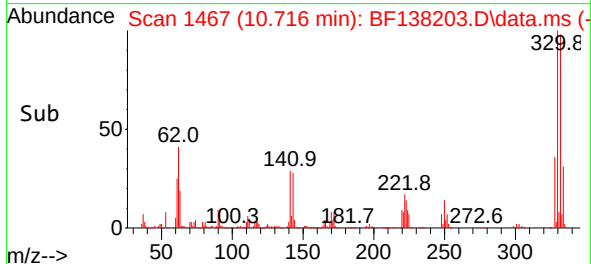
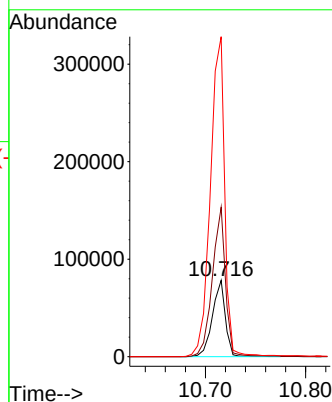
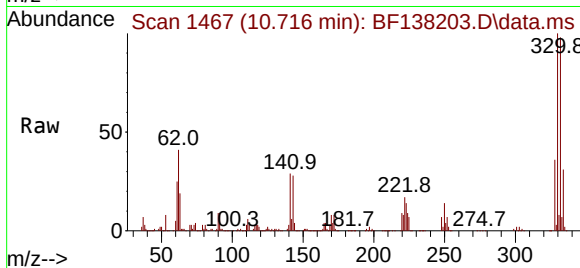




#67
4-Bromophenyl-phenylether
Concen: 3.585 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

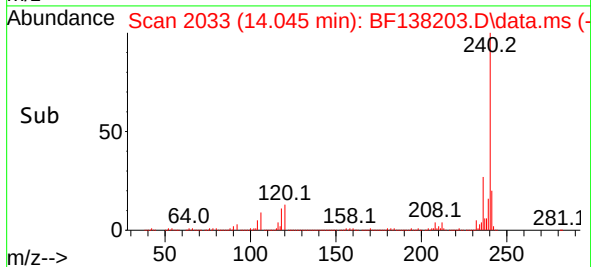
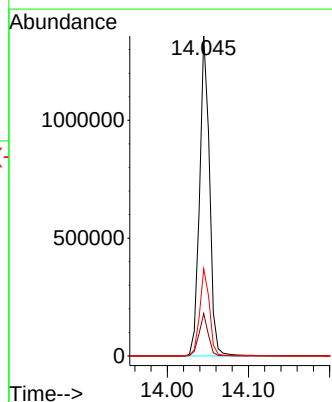
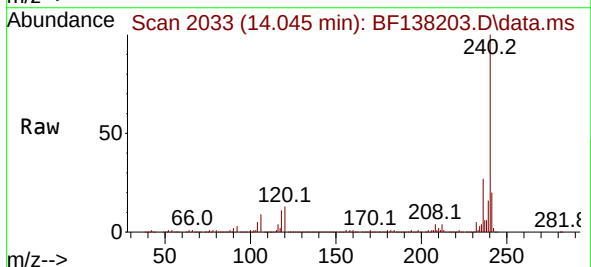
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BNA_F
ClientSampleId :
PB161522BL

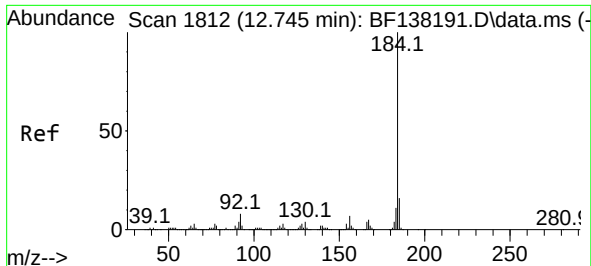
Tgt Ion:248 Resp: 70823
Ion Ratio Lower Upper
248 100
250 195.7 77.2 115.8#
141 419.3 44.1 66.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:240 Resp: 1160965
Ion Ratio Lower Upper
240 100
120 13.2 9.2 13.8
236 27.2 21.0 31.6

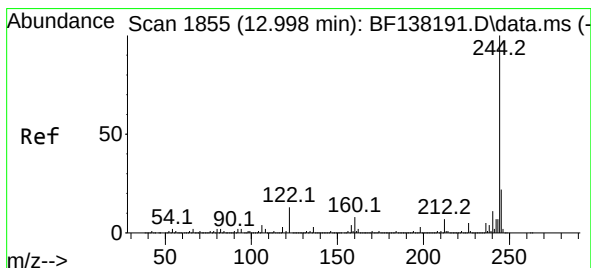
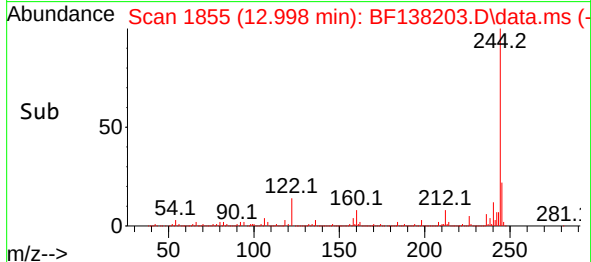
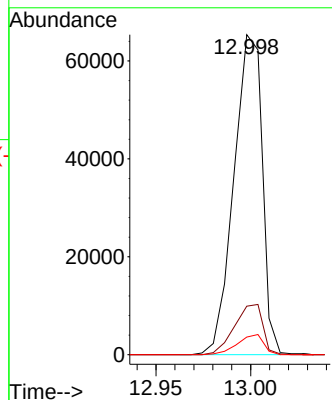
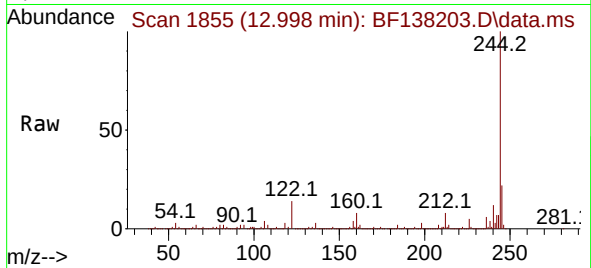




#77
Benzidine
Concen: 5.077 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.253 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

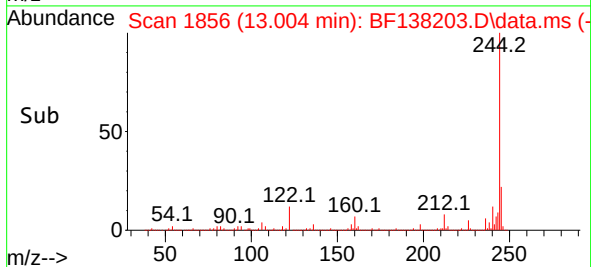
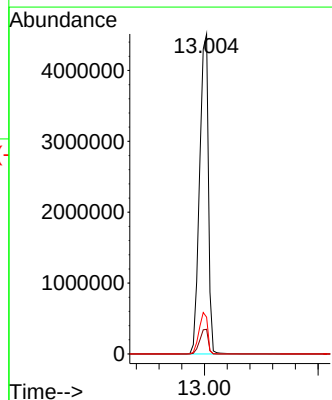
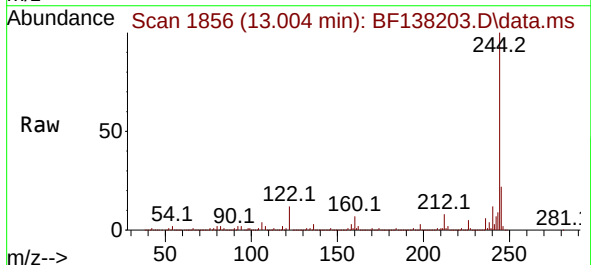
Instrument :
BNA_F
ClientSampleId :
PB161522BL

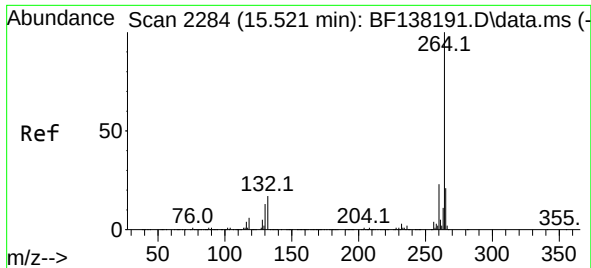
Tgt Ion:184 Resp: 68180
Ion Ratio Lower Upper
184 100
185 15.1 12.6 19.0
183 5.5 9.0 13.6#



#79
Terphenyl-d14
Concen: 66.265 ng
RT: 13.004 min Scan# 1856
Delta R.T. 0.006 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Tgt Ion:244 Resp: 4857309
Ion Ratio Lower Upper
244 100
212 7.7 5.9 8.9
122 11.5 10.6 15.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138203.D
Acq: 17 Jun 2024 14:31

Instrument :
BNA_F
ClientSampleId :
PB161522BL

Tgt Ion:264 Resp: 1082417

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.8	17.0	25.6

