

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052816.D
 Acq On : 24 Mar 2022 19:39
 Operator : CG/JU
 Sample : N2090-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-55

Quant Time: Mar 25 03:19:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

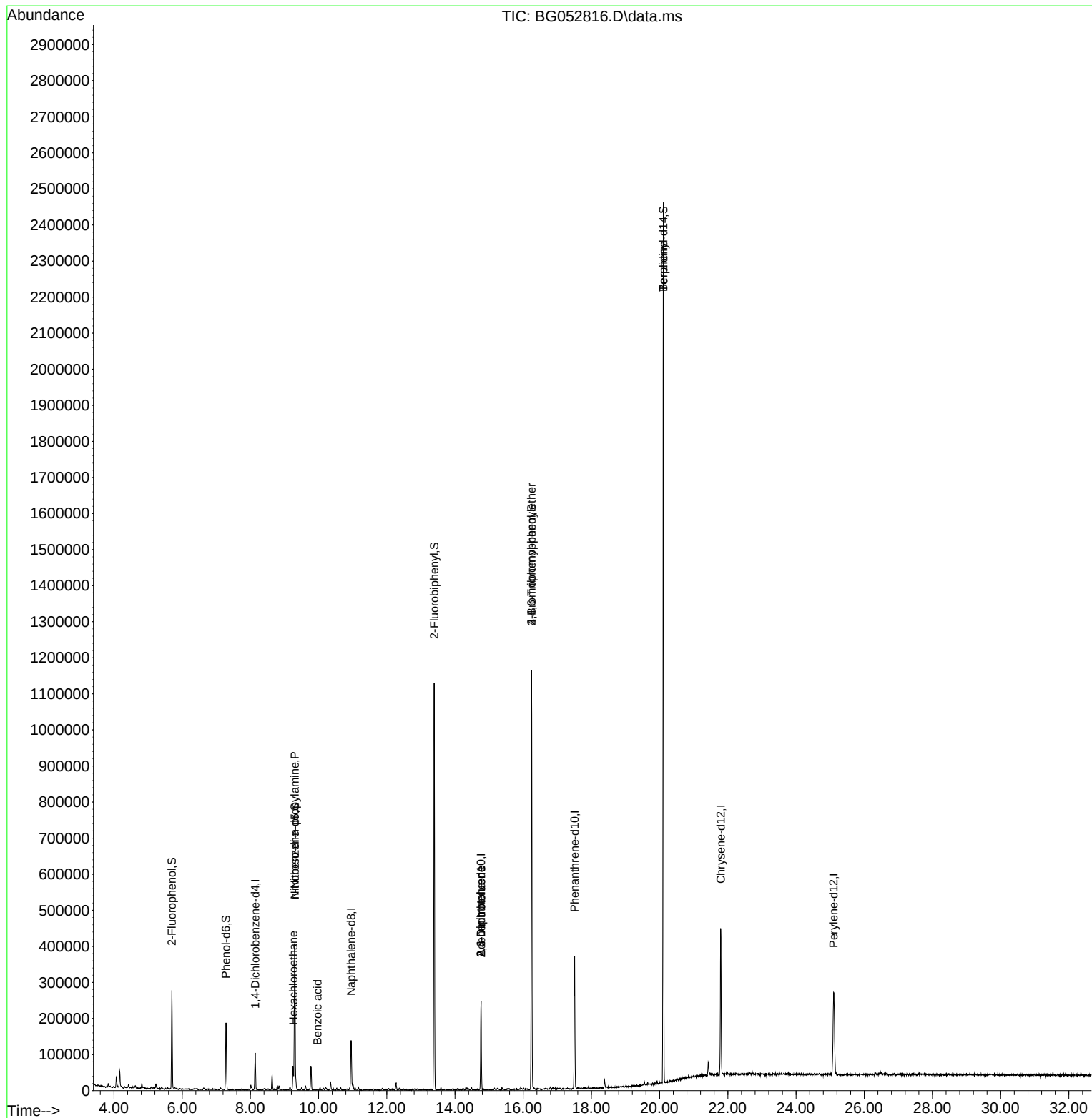
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	27225	20.000	ng	0.00
21) Naphthalene-d8	10.951	136	111494	20.000	ng	0.00
39) Acenaphthene-d10	14.764	164	88162	20.000	ng	0.00
64) Phenanthrene-d10	17.507	188	239095	20.000	ng	0.00
76) Chrysene-d12	21.790	240	253640	20.000	ng	0.00
86) Perylene-d12	25.103	264	266782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	110861	70.915	ng	0.00
7) Phenol-d6	7.286	99	103068	43.732	ng	0.00
23) Nitrobenzene-d5	9.301	82	258839	116.519	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	218444	184.394	ng	0.00
45) 2-Fluorobiphenyl	13.389	172	581433	97.267	ng	0.00
79) Terphenyl-d14	20.110	244	1235582	86.655	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.280	77	446	Below Cal	#	45
18) Hexachloroethane	9.260	117	5396	7.401 ng	#	1
19) n-Nitroso-di-n-propyla...	9.301	70	35637	21.349 ng	#	76
32) Benzoic acid	9.965	122	59	5.717 ng	#	33
51) 2,6-Dinitrotoluene	14.764	165	11714	10.589 ng	#	27
57) 2,4-Dinitrotoluene	14.764	165	11714	7.632 ng	#	25
67) 4-Bromophenyl-phenylether	16.244	248	13986	4.852 ng	#	1
77) Benzidine	20.110	184	22150	3.386 ng	#	87

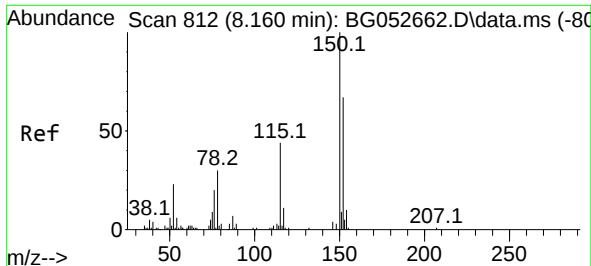
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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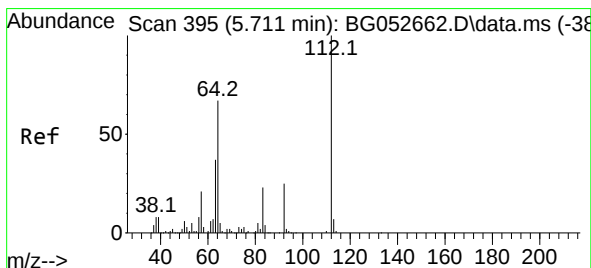
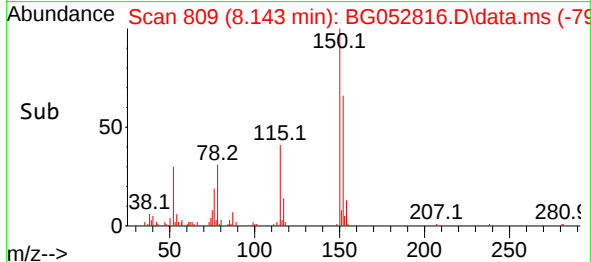
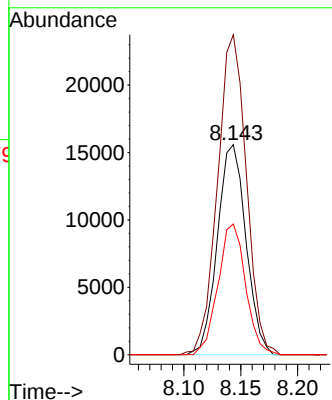
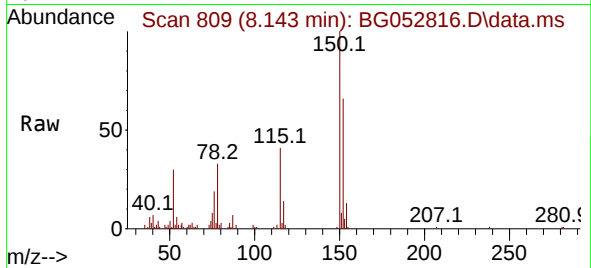




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 809
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

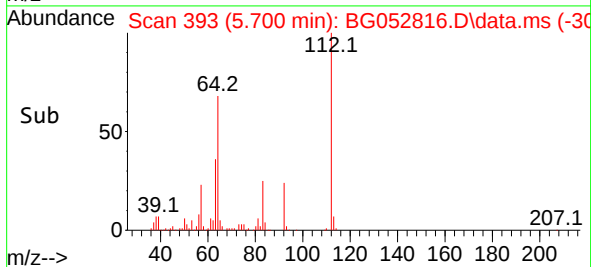
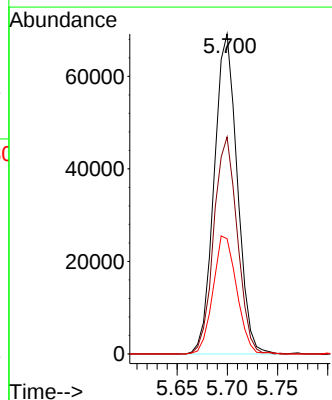
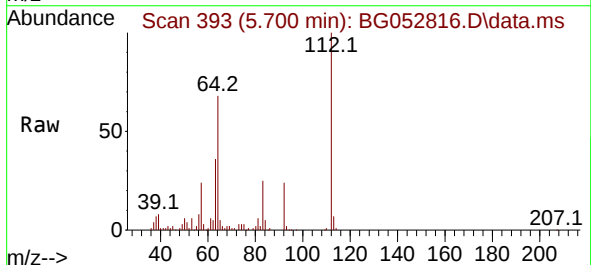
Instrument :
BNA_G
ClientSampleId :
MW-55

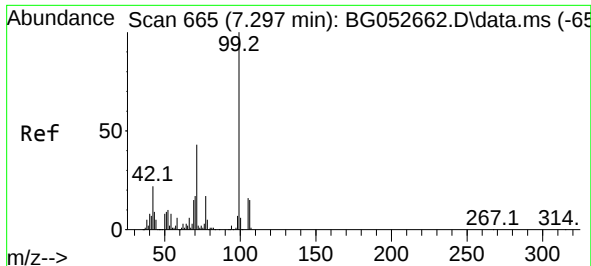
Tgt Ion:152 Resp: 27225
Ion Ratio Lower Upper
152 100
150 152.3 114.6 172.0
115 62.2 45.9 68.9



#5
2-Fluorophenol
Concen: 70.915 ng
RT: 5.700 min Scan# 393
Delta R.T. 0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:112 Resp: 110861
Ion Ratio Lower Upper
112 100
64 67.8 48.0 72.0
63 36.0 26.5 39.7

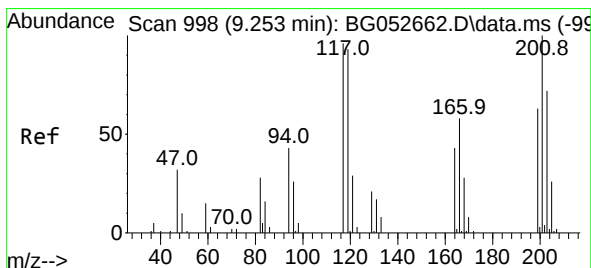
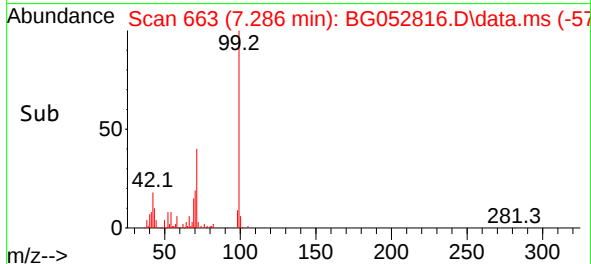
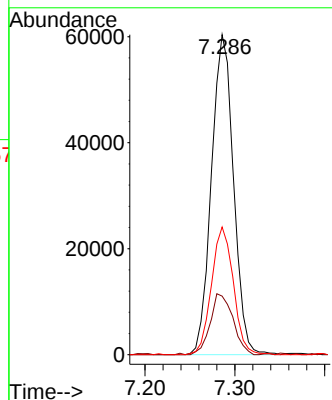
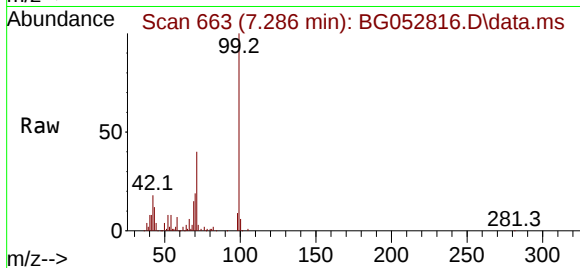




#7
Phenol-d6
Concen: 43.732 ng
RT: 7.286 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

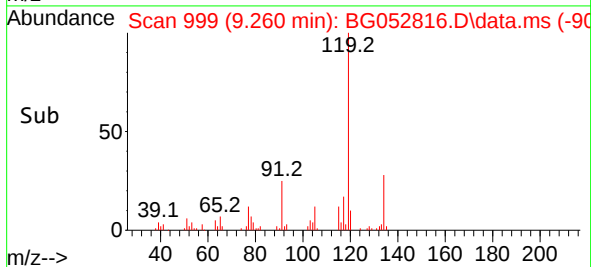
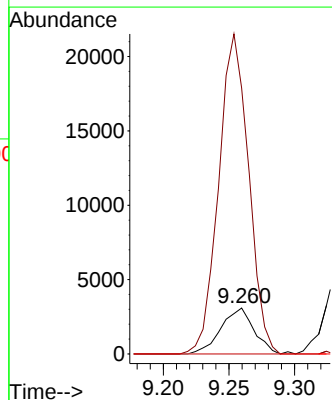
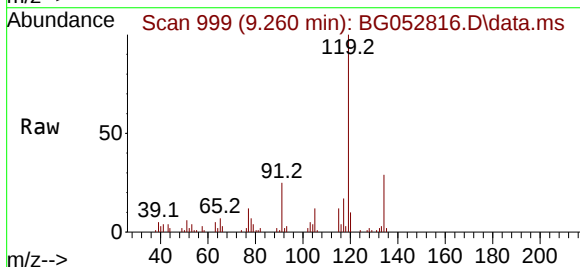
Instrument :
BNA_G
ClientSampleId :
MW-55

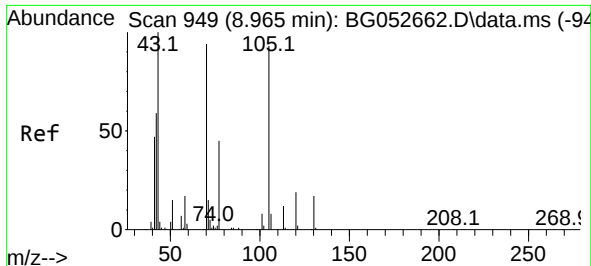
Tgt Ion: 99 Resp: 103068
Ion Ratio Lower Upper
99 100
42 18.3 14.7 22.1
71 39.9 29.2 43.8



#18
Hexachloroethane
Concen: 7.401 ng
RT: 9.260 min Scan# 999
Delta R.T. 0.027 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion: 117 Resp: 5396
Ion Ratio Lower Upper
117 100
119 578.8 75.1 112.7#
201 0.0 96.6 145.0#

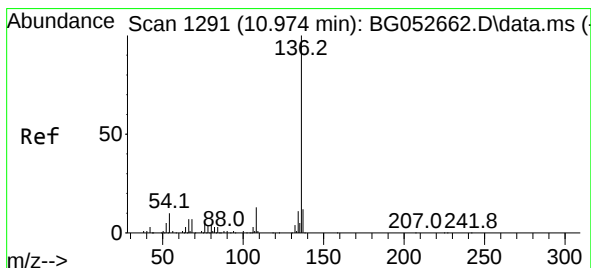
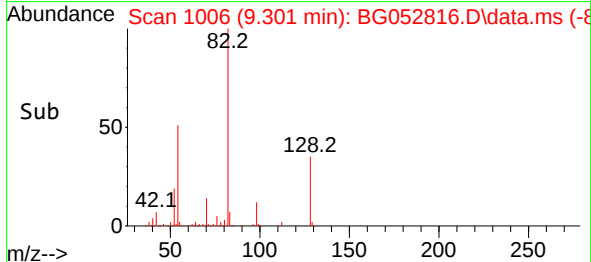
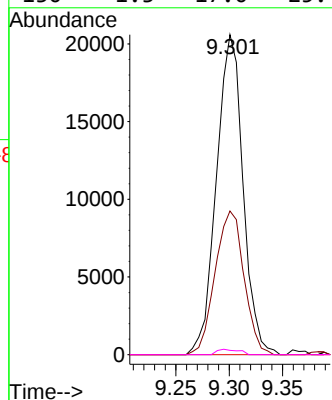
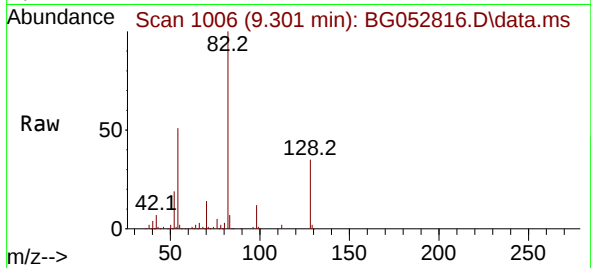




#19
n-Nitroso-di-n-propylamine
Concen: 21.349 ng
RT: 9.301 min Scan# 1006
Delta R.T. 0.356 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

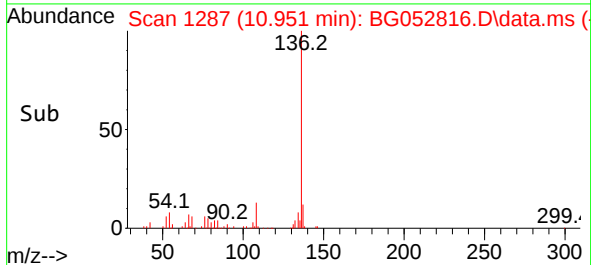
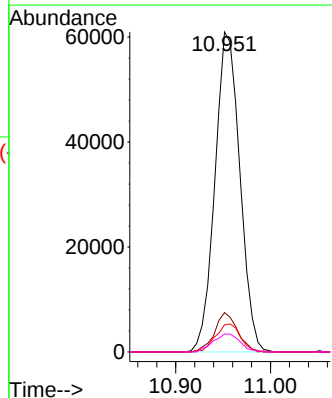
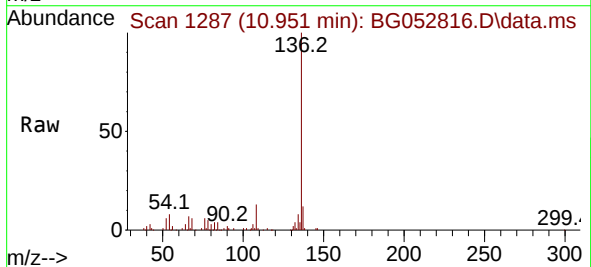
Instrument :
BNA_G
ClientSampleId :
MW-55

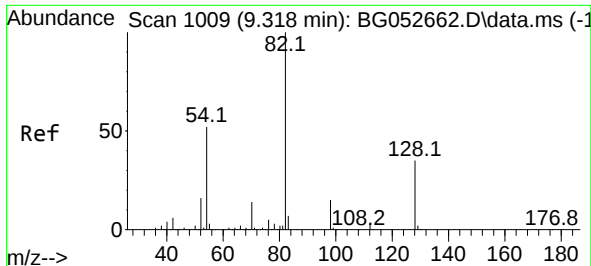
Tgt Ion: 70 Resp: 35637
Ion Ratio Lower Upper
70 100
42 44.9 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.951 min Scan# 1287
Delta R.T. -0.009 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion: 136 Resp: 111494
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 8.4 6.4 9.6
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 116.519 ng

RT: 9.301 min Scan# 1109

Delta R.T. -0.003 min

Lab File: BG052816.D

Acq: 24 Mar 2022 19:39

Instrument :

BNA_G

ClientSampleId :

MW-55

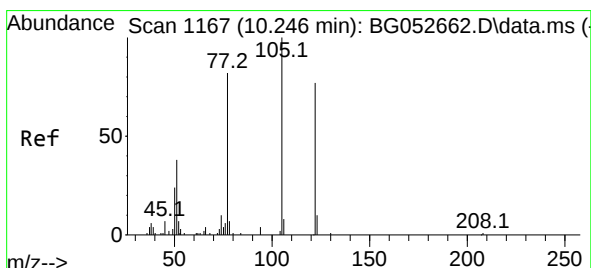
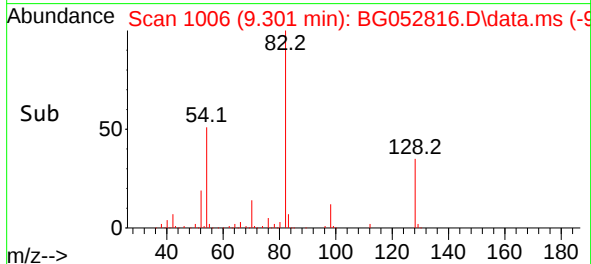
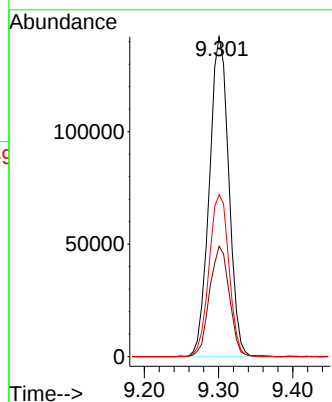
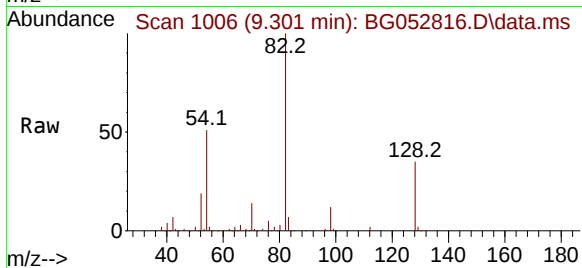
Tgt Ion: 82 Resp: 258839

Ion Ratio Lower Upper

82 100

128 34.5 31.3 46.9

54 50.6 37.8 56.8



#32

Benzoic acid

Concen: 5.717 ng

RT: 9.965 min Scan# 1119

Delta R.T. -0.273 min

Lab File: BG052816.D

Acq: 24 Mar 2022 19:39

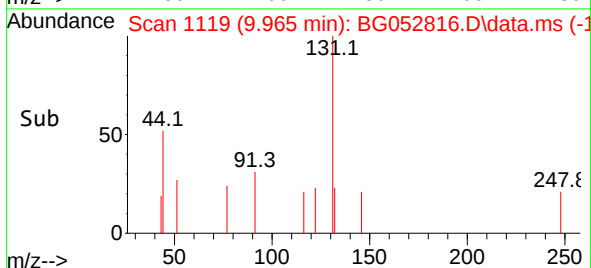
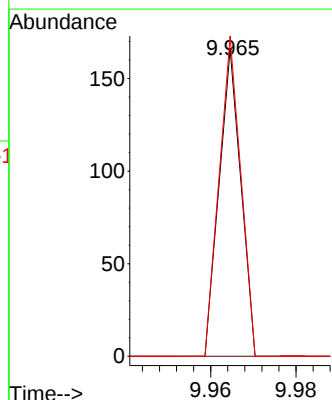
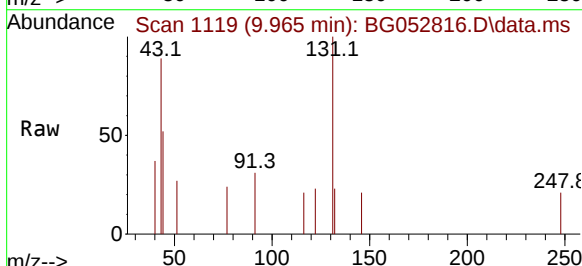
Tgt Ion:122 Resp: 59

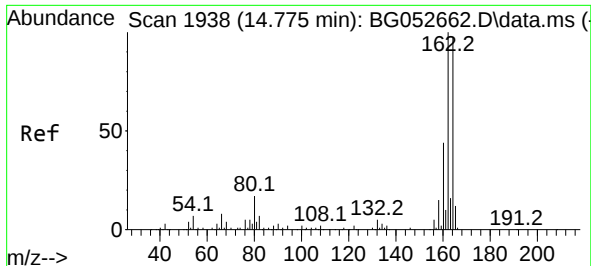
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 104.2 78.4 118.4

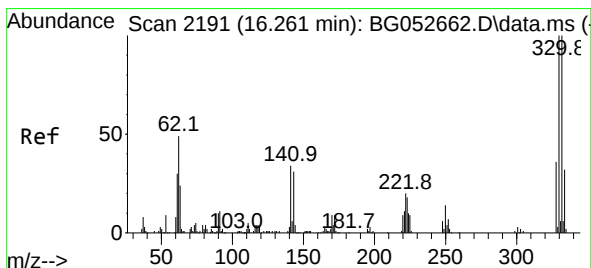
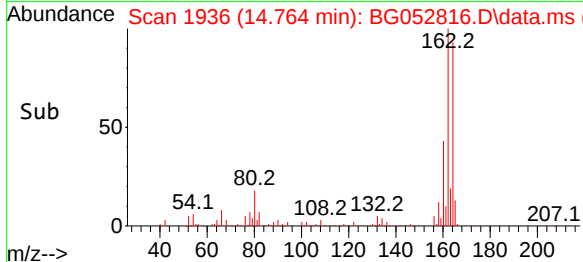
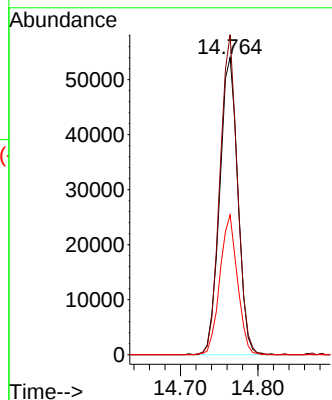
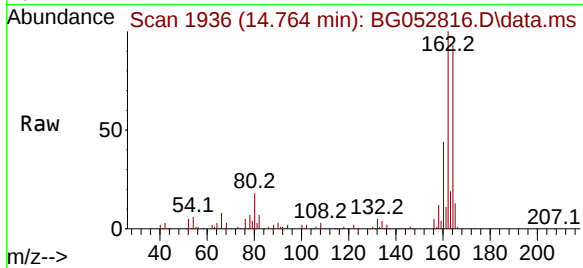




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.764 min Scan# 1936
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

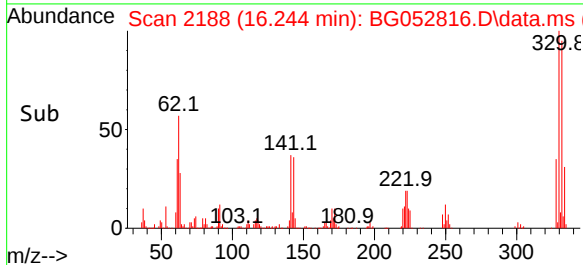
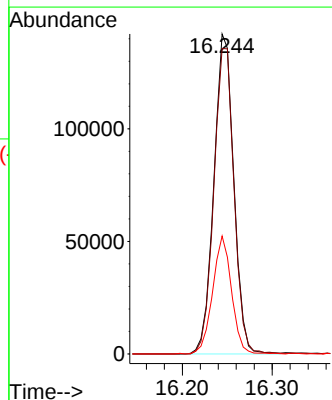
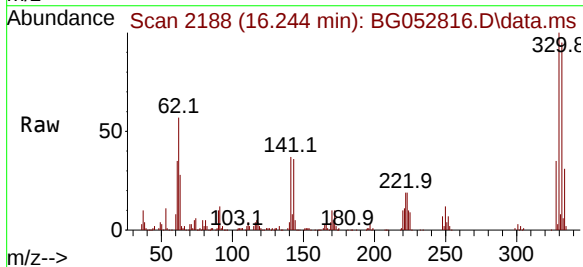
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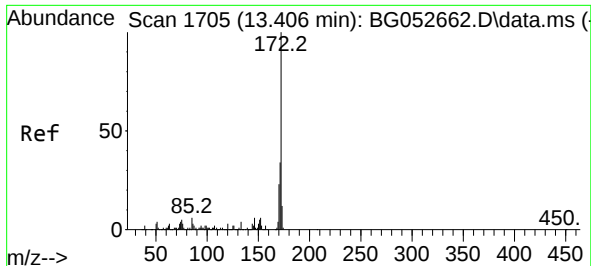
Tgt Ion:164 Resp: 88162
Ion Ratio Lower Upper
164 100
162 107.7 80.0 120.0
160 47.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 184.394 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:330 Resp: 218444
Ion Ratio Lower Upper
330 100
332 97.0 75.8 113.6
141 35.1 24.6 36.8

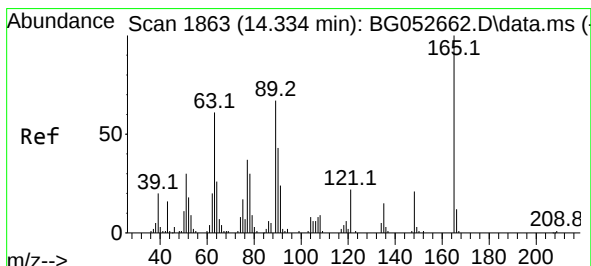
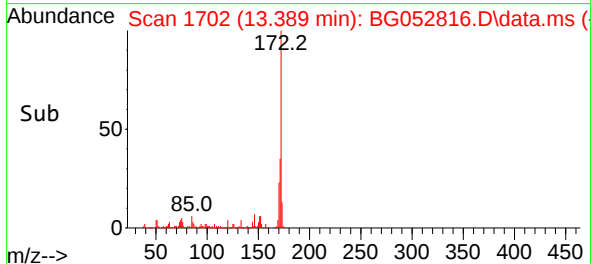
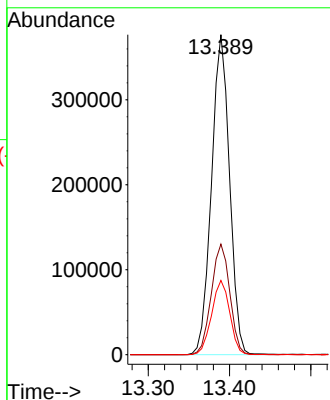
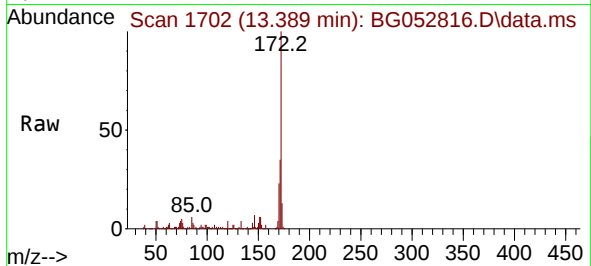




#45
2-Fluorobiphenyl
Concen: 97.267 ng
RT: 13.389 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

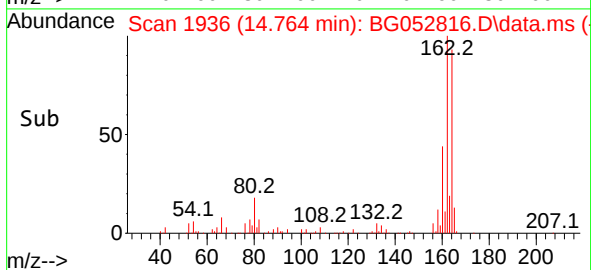
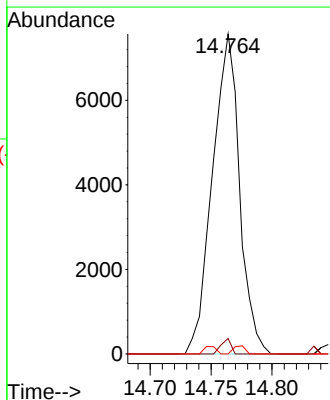
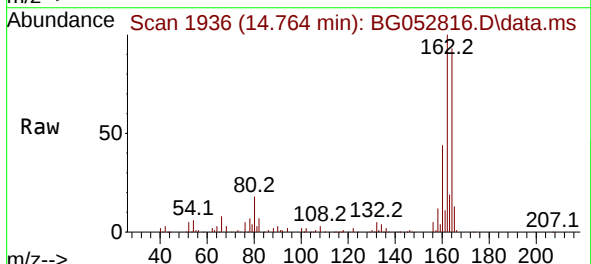
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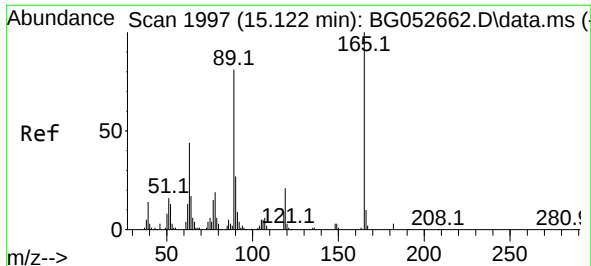
Tgt Ion:172 Resp: 581433
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 10.589 ng
RT: 14.764 min Scan# 1936
Delta R.T. 0.438 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:165 Resp: 11714
Ion Ratio Lower Upper
165 100
63 4.8 43.7 65.5#
89 0.0 45.0 67.4#

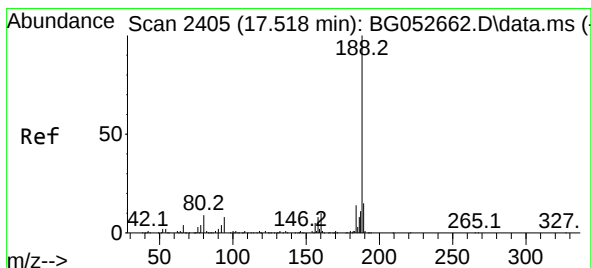
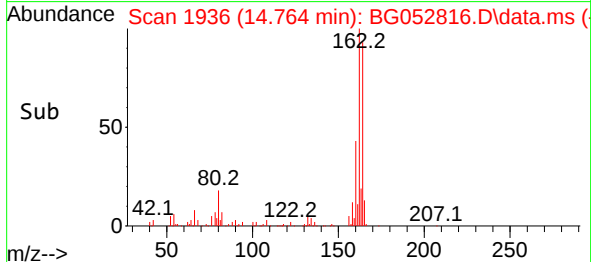
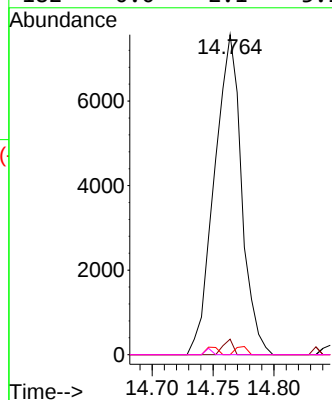
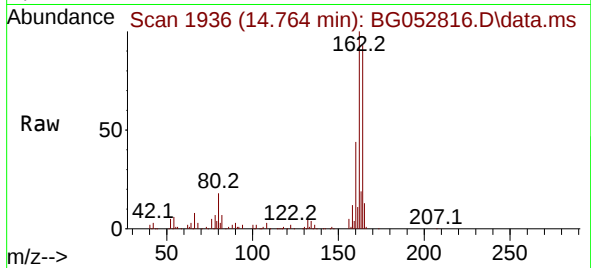




#57
2,4-Dinitrotoluene
Concen: 7.632 ng
RT: 14.764 min Scan# 1997
Delta R.T. -0.349 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

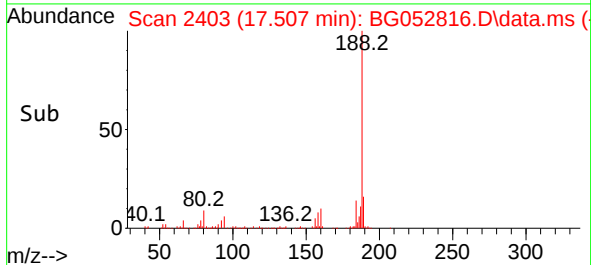
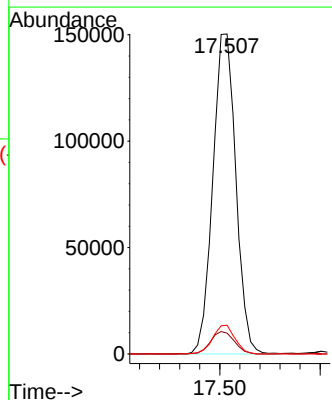
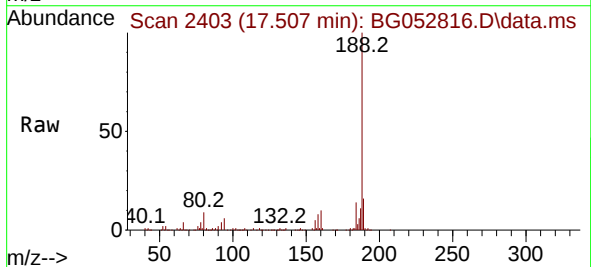
Instrument :
BNA_G
ClientSampleId :
MW-55

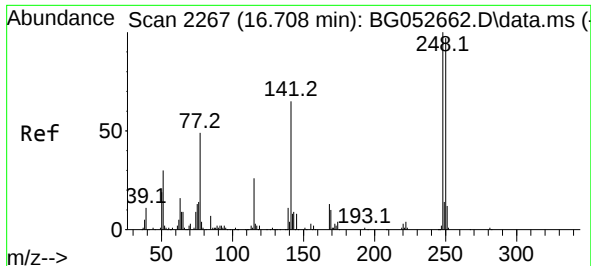
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Ion Ratio Lower Upper
165 100
63 4.8 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.507 min Scan# 2403
Delta R.T. 0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:188 Resp: 239095
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 9.0 7.2 10.8

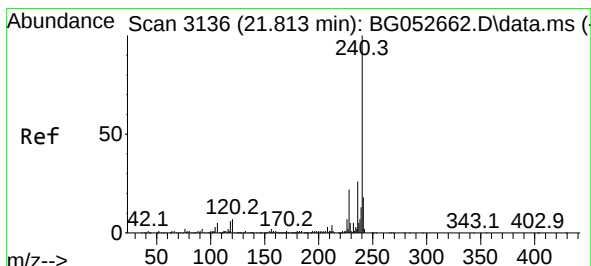
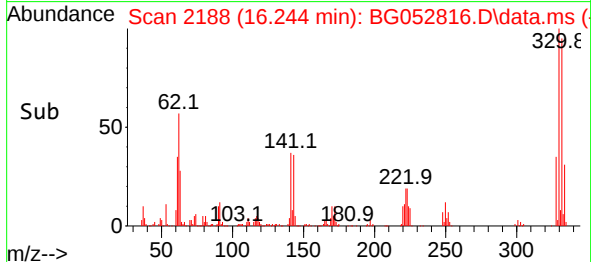
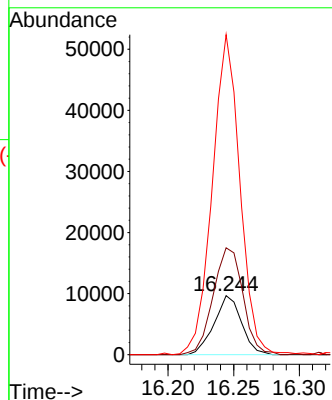
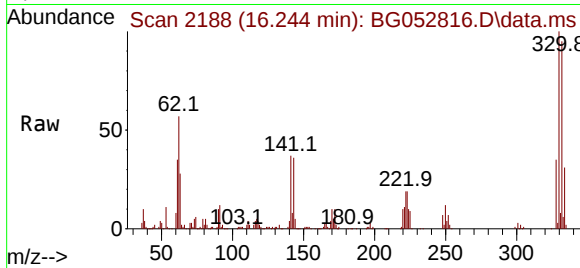




#67
4-Bromophenyl-phenylether
Concen: 4.852 ng
RT: 16.244 min Scan# 2188
Delta R.T. -0.449 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

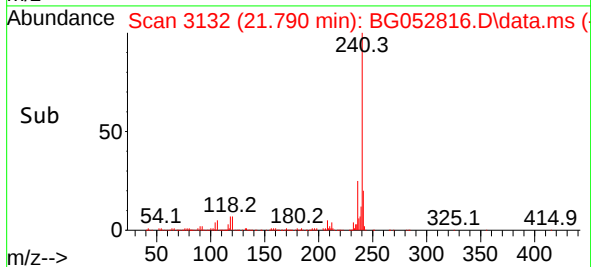
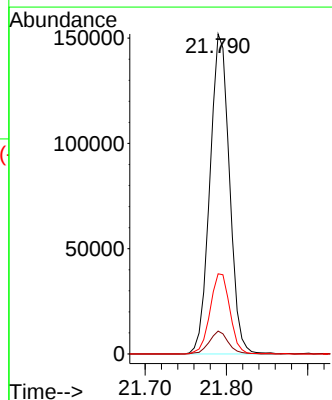
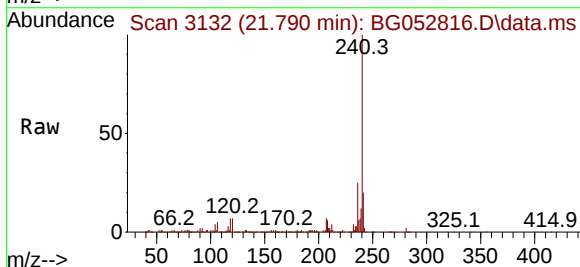
Instrument :
BNA_G
ClientSampleId :
MW-55

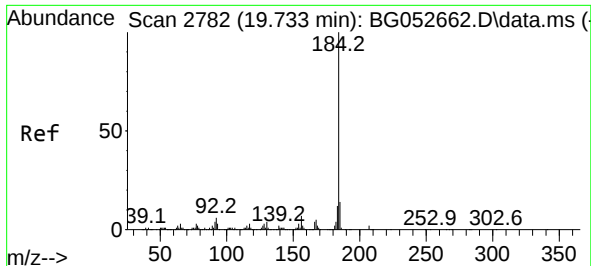
Tgt Ion:248 Resp: 13986
Ion Ratio Lower Upper
248 100
250 180.9 77.9 116.9#
141 541.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.790 min Scan# 3132
Delta R.T. -0.009 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:240 Resp: 253640
Ion Ratio Lower Upper
240 100
120 7.1 5.4 8.0
236 25.0 19.8 29.6

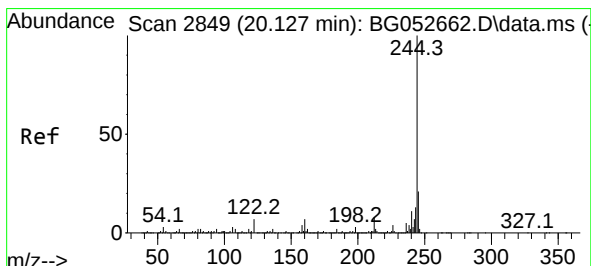
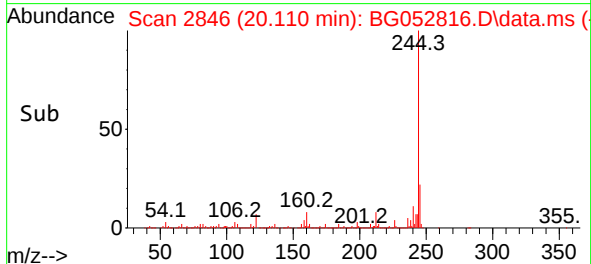
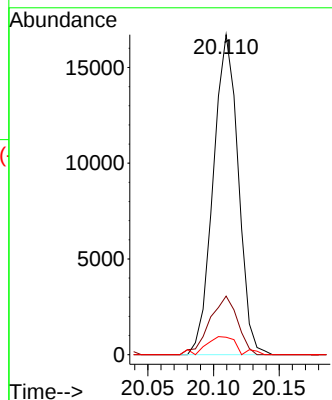
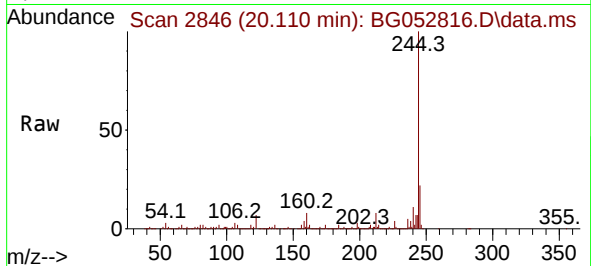




#77
Benzidine
Concen: 3.386 ng
RT: 20.110 min Scan# 2846
Delta R.T. 0.385 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

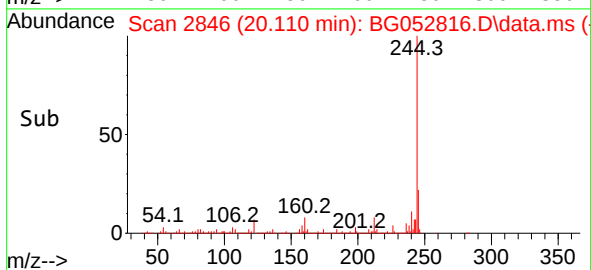
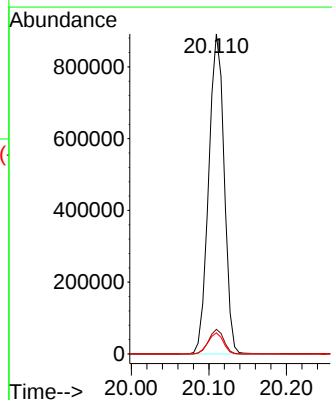
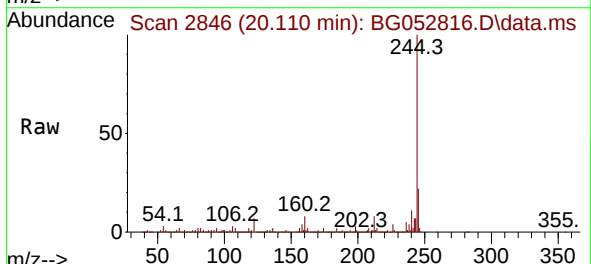
Instrument :
BNA_G
ClientSampleId :
MW-55

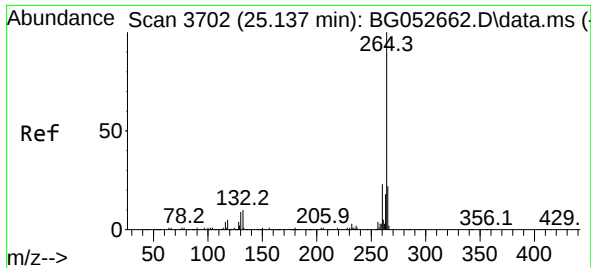
Tgt Ion:184 Resp: 22150
Ion Ratio Lower Upper
184 100
185 18.3 11.5 17.3#
183 5.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 86.655 ng
RT: 20.110 min Scan# 2846
Delta R.T. -0.003 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Tgt Ion:244 Resp: 1235582
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.103 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG052816.D
Acq: 24 Mar 2022 19:39

Instrument :
BNA_G
ClientSampleId :
MW-55

Tgt Ion:264 Resp: 266782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.4	15.1	22.7

