

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
 Data File : BG053518.D
 Acq On : 10 May 2022 21:31
 Operator : CG/JU
 Sample : N2763-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509-A

Quant Time: May 11 06:04:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

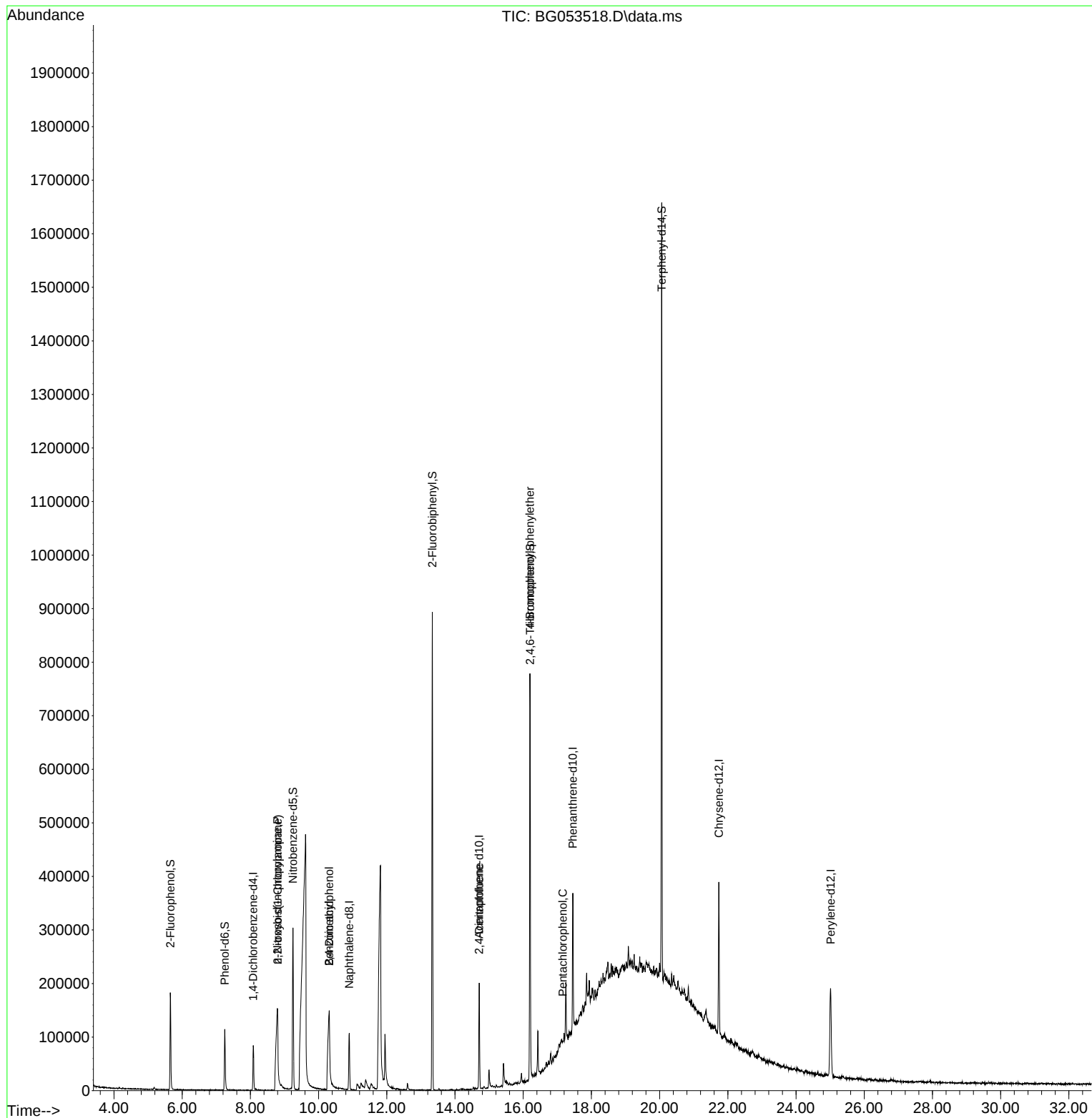
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.085	152	22825	20.000	ng	0.00
21) Naphthalene-d8	10.899	136	89381	20.000	ng	0.00
39) Acenaphthene-d10	14.711	164	68900	20.000	ng	0.00
64) Phenanthrene-d10	17.454	188	155575	20.000	ng	0.00
76) Chrysene-d12	21.737	240	176166	20.000	ng	0.00
86) Perylene-d12	25.015	264	192884	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.653	112	77577	57.682	ng	0.00
7) Phenol-d6	7.251	99	69326	33.965	ng	0.00
23) Nitrobenzene-d5	9.248	82	196900	93.775	ng	0.00
42) 2,4,6-Tribromophenol	16.203	330	151652	149.235	ng	0.00
45) 2-Fluorobiphenyl	13.336	172	461661	97.912	ng	0.00
79) Terphenyl-d14	20.063	244	735258	77.733	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.796	45	26283	10.847	ng	76
19) n-Nitroso-di-n-propyla...	8.790	70	16090	10.987	ng	# 40
27) 2,4-Dimethylphenol	10.311	122	103779	83.780	ng	# 1
32) Benzoic acid	10.311	122	103779	118.820	ng	93
57) 2,4-Dinitrotoluene	14.705	165	9209	5.956	ng	# 25
67) 4-Bromophenyl-phenylether	16.197	248	9863	5.428	ng	# 1
70) Pentachlorophenol	17.161	266	54	4.698	ng	# 16

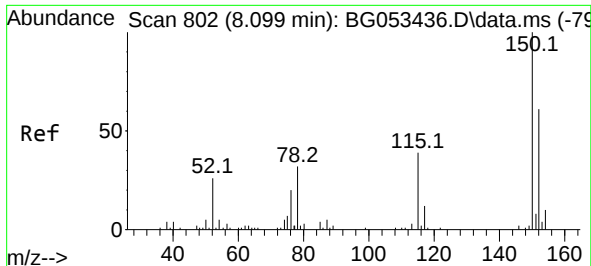
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051022\
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MW-4-20220509-A

Quant Time: May 11 06:04:12 2022
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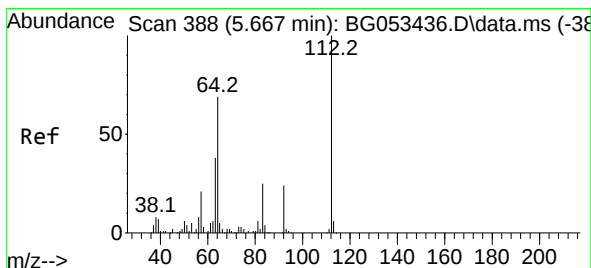
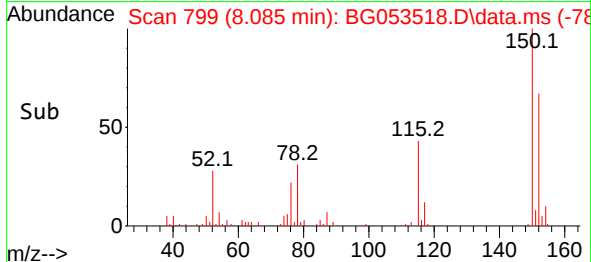
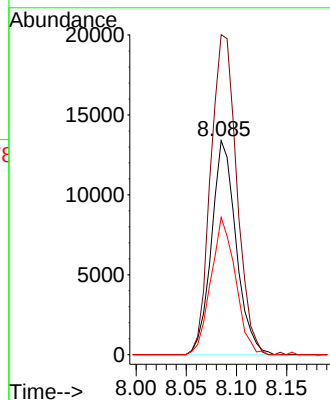
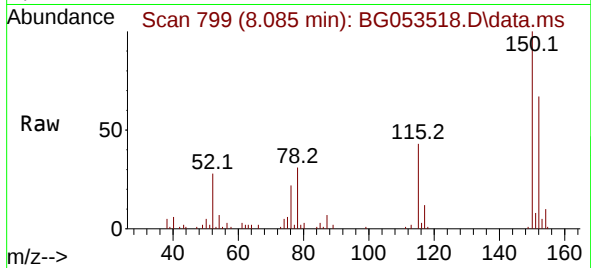




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.085 min Scan# 79
Delta R.T. -0.004 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

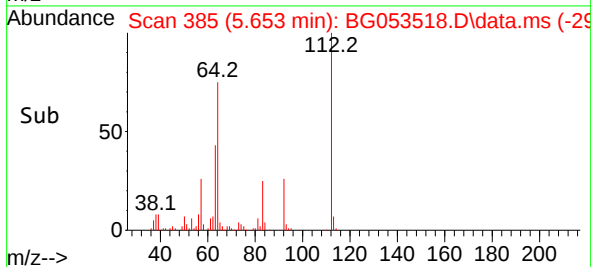
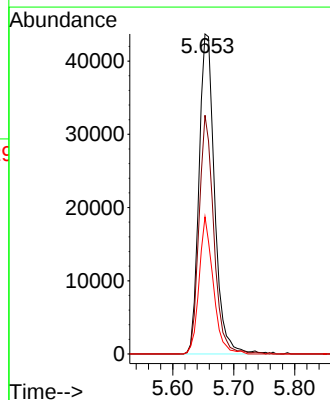
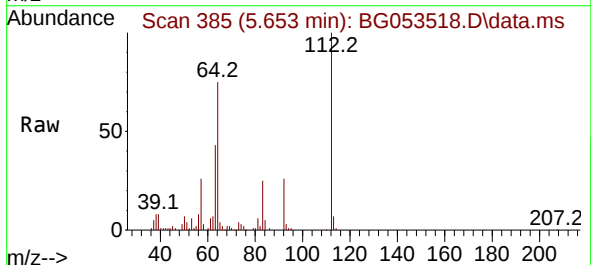
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BNA_G
ClientSampleId :
MW-4-20220509-A

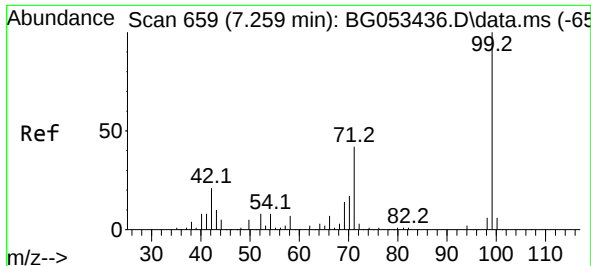
Tgt Ion:152 Resp: 22825
Ion Ratio Lower Upper
152 100
150 149.4 131.6 197.4
115 64.1 50.9 76.3



#5
2-Fluorophenol
Concen: 57.682 ng
RT: 5.653 min Scan# 385
Delta R.T. 0.001 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion:112 Resp: 77577
Ion Ratio Lower Upper
112 100
64 74.6 55.1 82.7
63 42.8 30.4 45.6

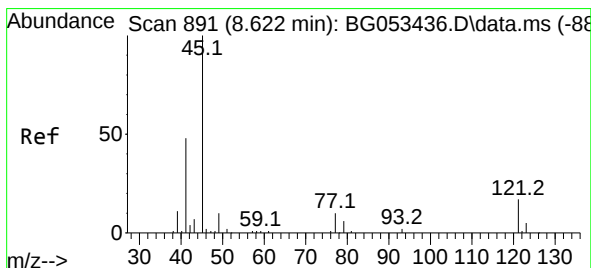
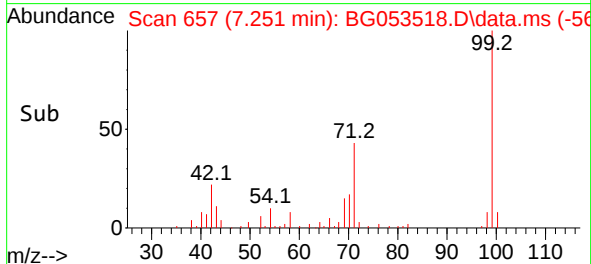
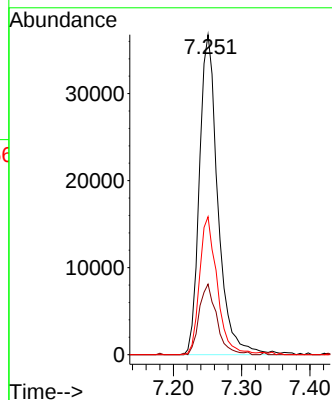
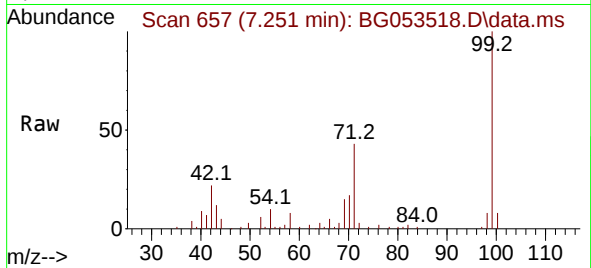




#7
Phenol-d6
Concen: 33.965 ng
RT: 7.251 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

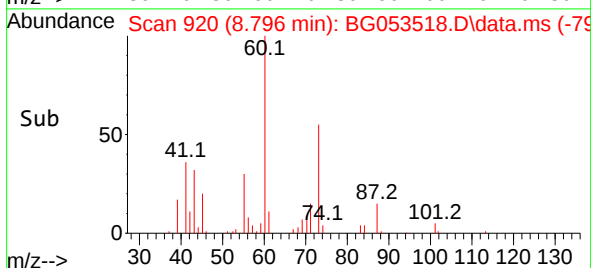
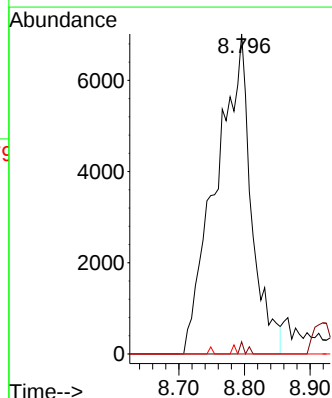
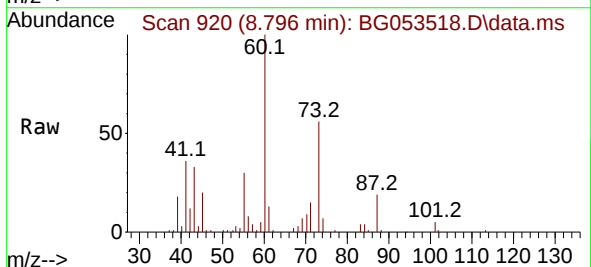
Instrument :
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ClientSampleId :
MW-4-20220509-A

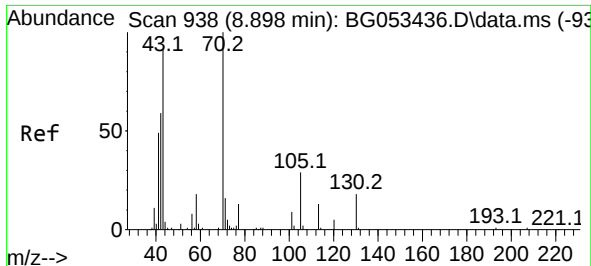
Tgt Ion: 99 Resp: 69326
Ion Ratio Lower Upper
99 100
42 22.1 17.0 25.6
71 43.1 33.8 50.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.847 ng
RT: 8.796 min Scan# 920
Delta R.T. 0.183 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion: 45 Resp: 26283
Ion Ratio Lower Upper
45 100
77 3.8 0.0 32.7
79 0.0 0.0 29.7

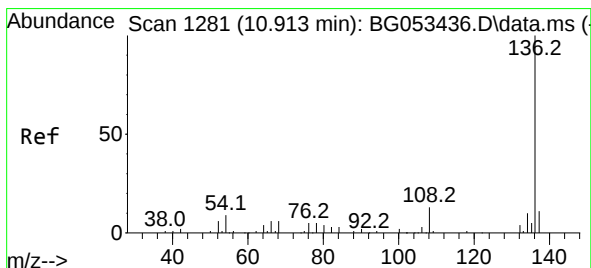
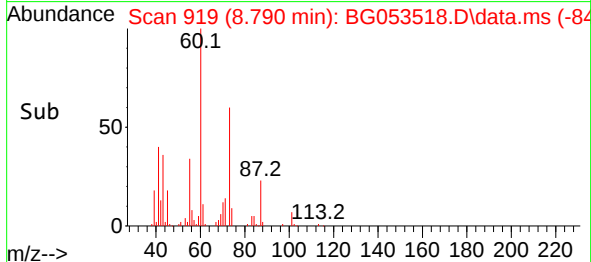
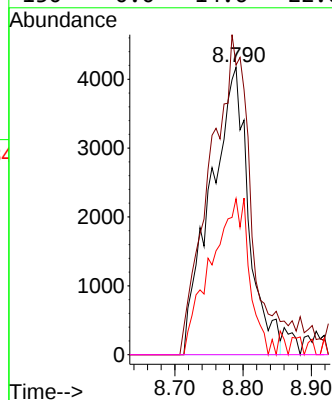
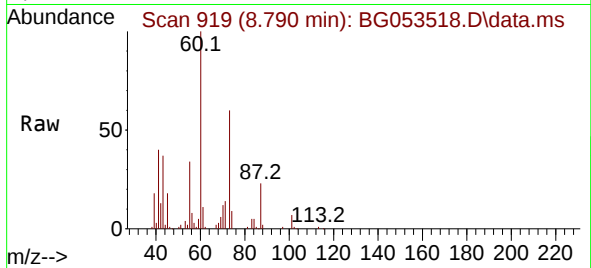




#19
n-Nitroso-di-n-propylamine
Concen: 10.987 ng
RT: 8.790 min Scan# 91
Delta R.T. -0.099 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

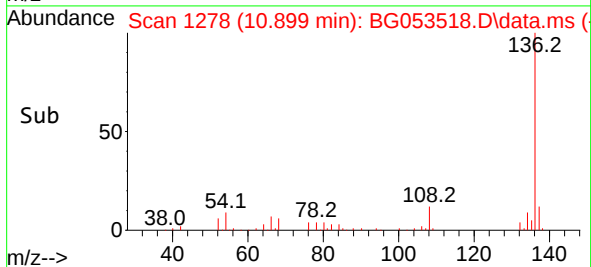
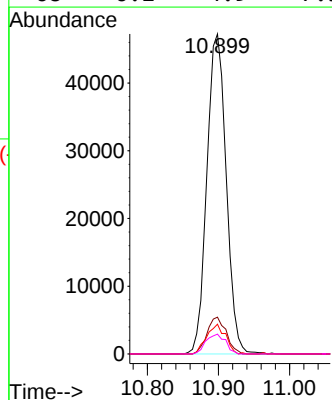
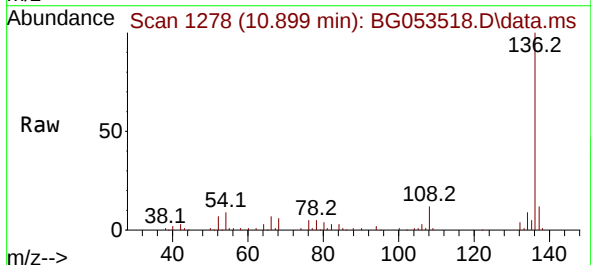
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509-A

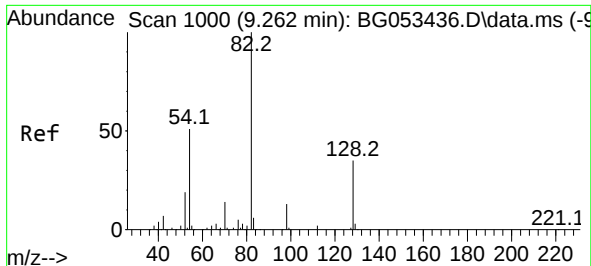
Tgt Ion: 70 Resp: 16090
Ion Ratio Lower Upper
70 100
42 100.8 47.3 70.9#
101 54.3 7.0 10.4#
130 0.0 14.6 22.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.899 min Scan# 1278
Delta R.T. 0.001 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion: 136 Resp: 89381
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 9.3 7.4 11.2
68 6.2 4.9 7.3

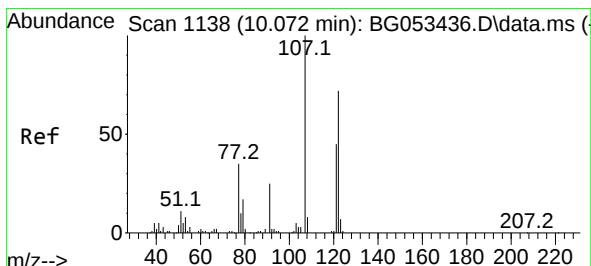
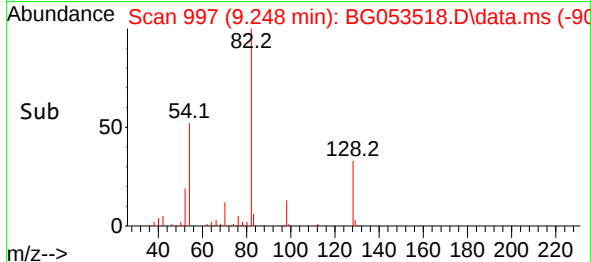
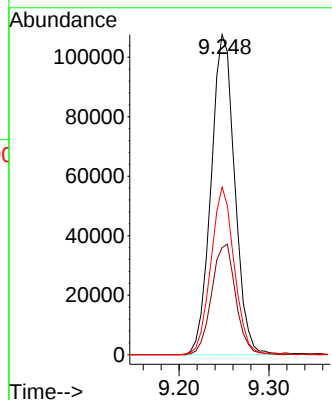
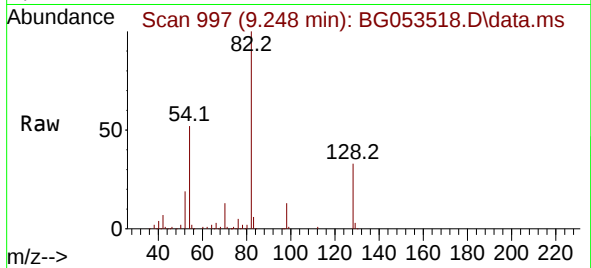




#23
Nitrobenzene-d5
Concen: 93.775 ng
RT: 9.248 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

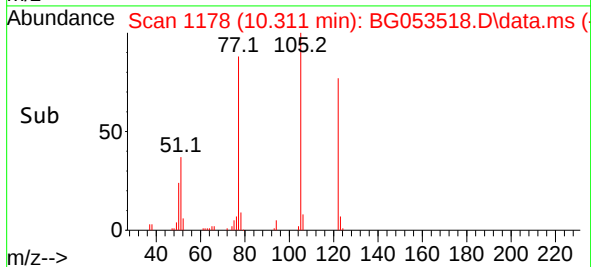
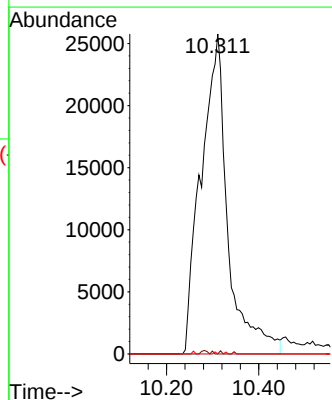
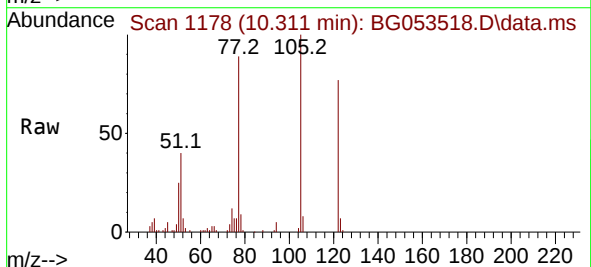
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ClientSampleId :
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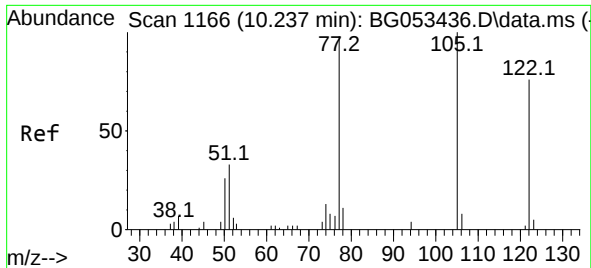
Tgt Ion: 82 Resp: 196900
Ion Ratio Lower Upper
82 100
128 33.5 27.9 41.9
54 52.4 41.2 61.8



#27
2,4-Dimethylphenol
Concen: 83.780 ng
RT: 10.311 min Scan# 1178
Delta R.T. 0.248 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion:122 Resp: 103779
Ion Ratio Lower Upper
122 100
107 0.0 109.4 164.0#
121 0.0 48.7 73.1#

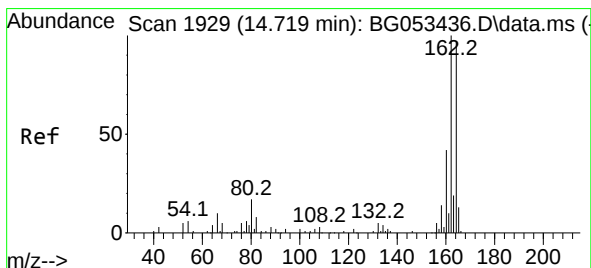
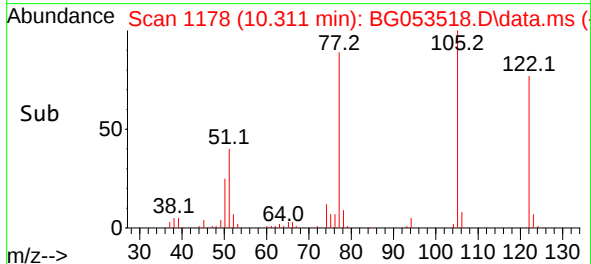
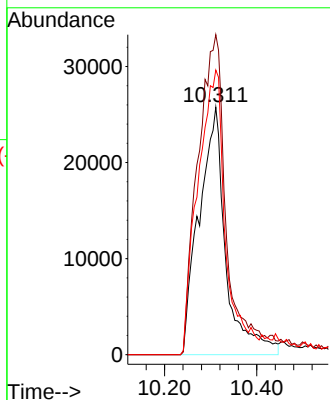
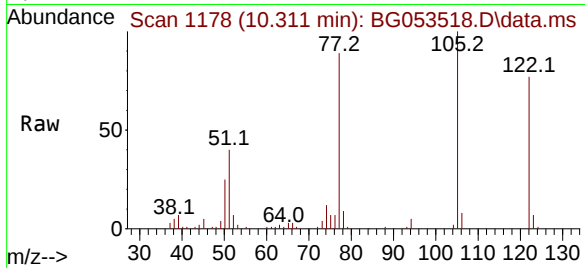




#32
Benzoic acid
Concen: 118.820 ng
RT: 10.311 min Scan# 1166
Delta R.T. 0.072 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

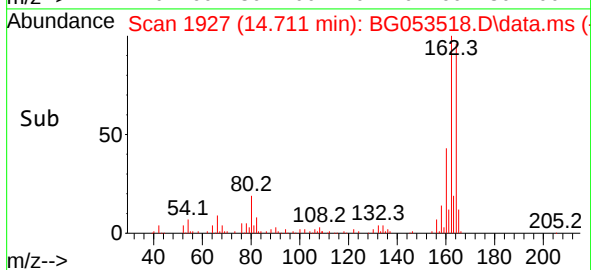
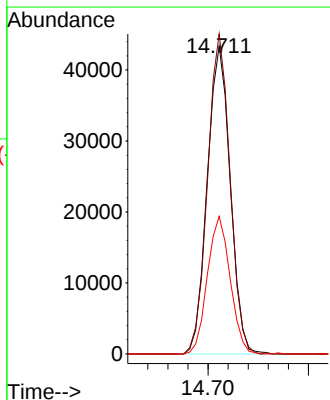
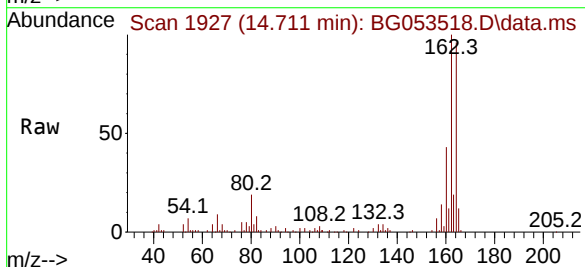
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ClientSampleId :
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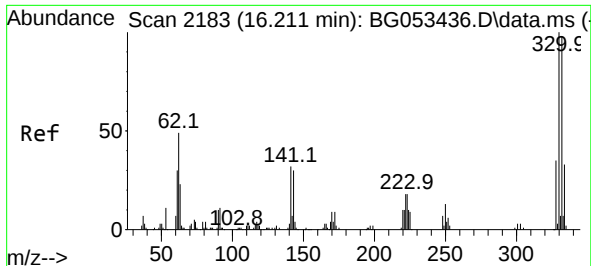
Tgt Ion:122 Resp: 103779
Ion Ratio Lower Upper
122 100
105 129.3 111.8 151.8
77 115.0 109.4 149.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.711 min Scan# 1927
Delta R.T. -0.005 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion:164 Resp: 68900
Ion Ratio Lower Upper
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162 104.0 82.3 123.5
160 44.7 34.2 51.2

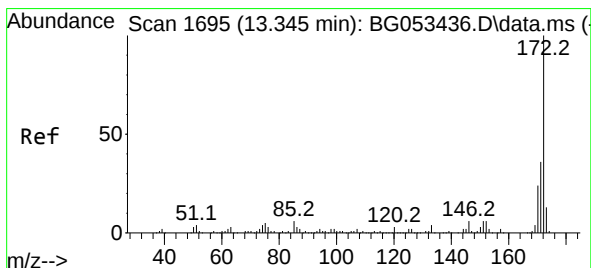
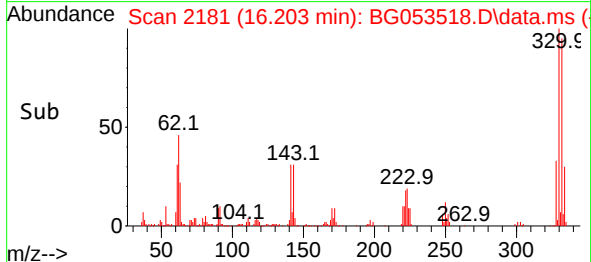
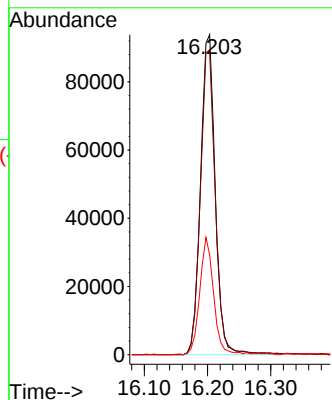
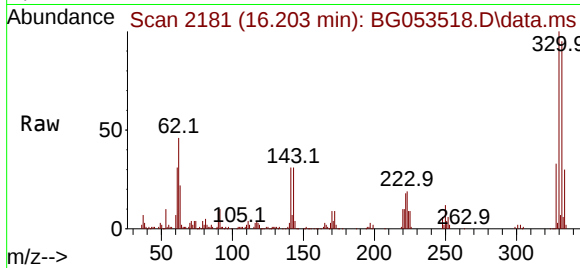




#42
 2,4,6-Tribromophenol
 Concen: 149.235 ng
 RT: 16.203 min Scan# 2181
 Delta R.T. 0.001 min
 Lab File: BG053518.D
 Acq: 10 May 2022 21:31

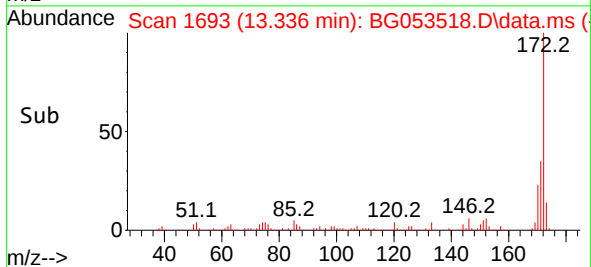
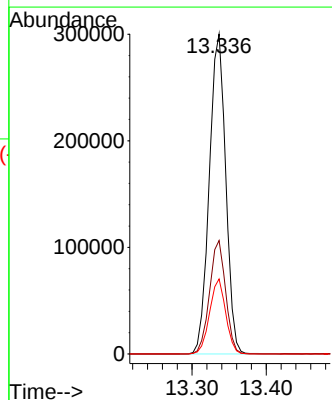
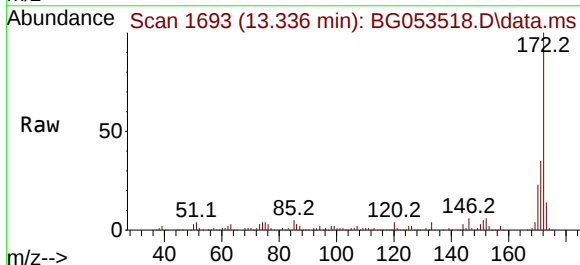
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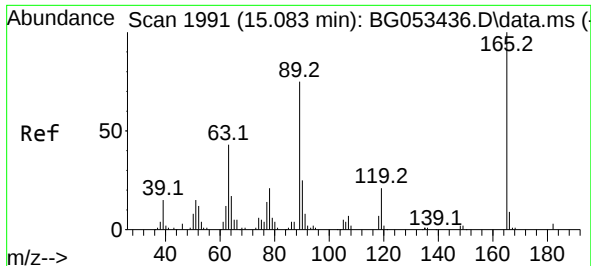
Tgt Ion:330 Resp: 151652
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.0 114.0
 141 34.8 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 97.912 ng
 RT: 13.336 min Scan# 1693
 Delta R.T. 0.001 min
 Lab File: BG053518.D
 Acq: 10 May 2022 21:31

Tgt Ion:172 Resp: 461661
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.5 42.7
 170 23.5 18.9 28.3





#57

2,4-Dinitrotoluene

Concen: 5.956 ng

RT: 14.705 min Scan# 1991

Delta R.T. -0.369 min

Lab File: BG053518.D

Acq: 10 May 2022 21:31

Instrument :

BNA_G

ClientSampleId :

MW-4-20220509-A

Tgt Ion:165 Resp: 9209

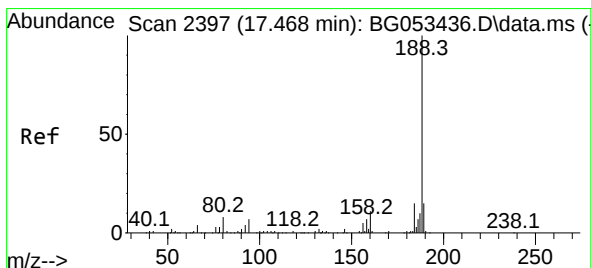
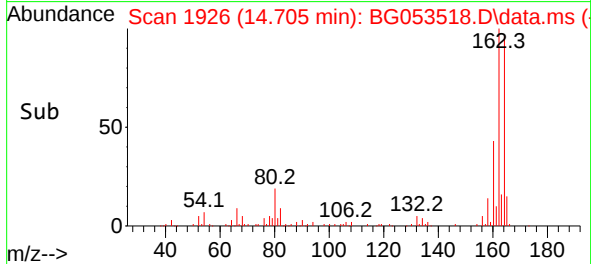
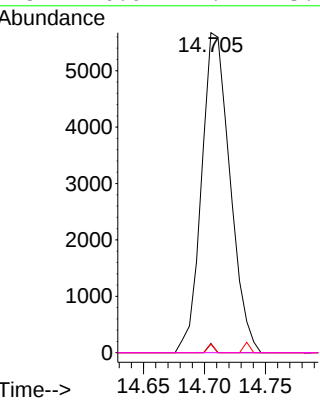
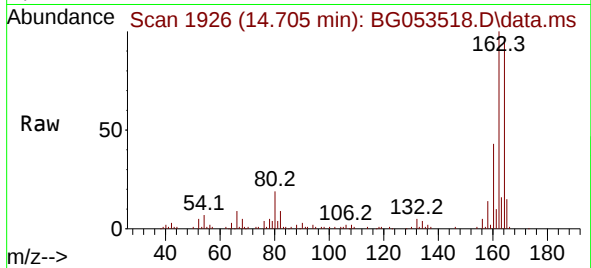
Ion Ratio Lower Upper

165 100

63 2.9 34.6 52.0#

89 2.7 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.454 min Scan# 2394

Delta R.T. -0.005 min

Lab File: BG053518.D

Acq: 10 May 2022 21:31

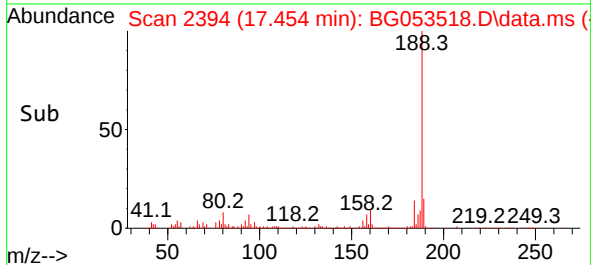
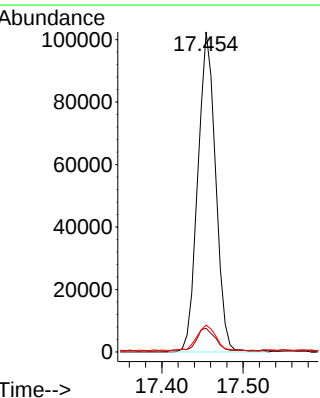
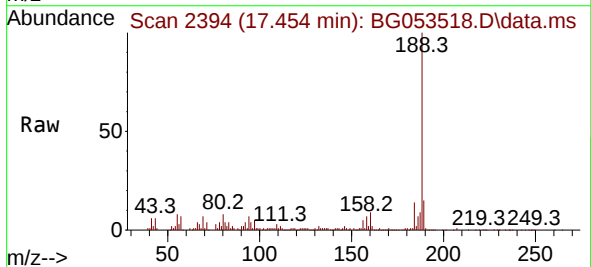
Tgt Ion:188 Resp: 155575

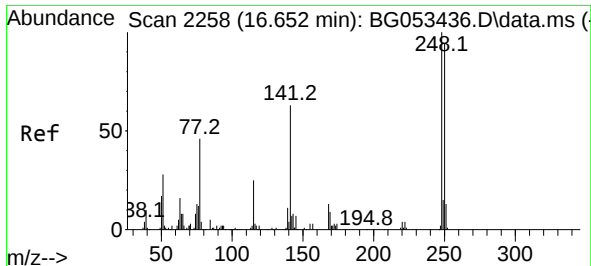
Ion Ratio Lower Upper

188 100

94 7.4 5.4 8.0

80 8.4 6.8 10.2

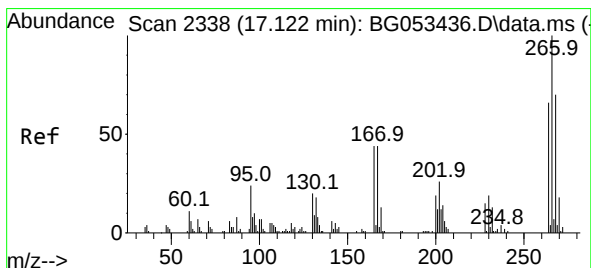
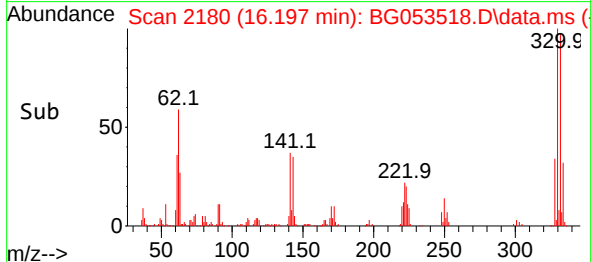
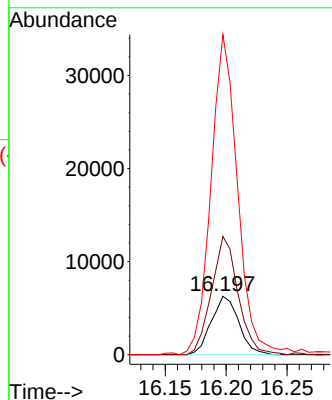
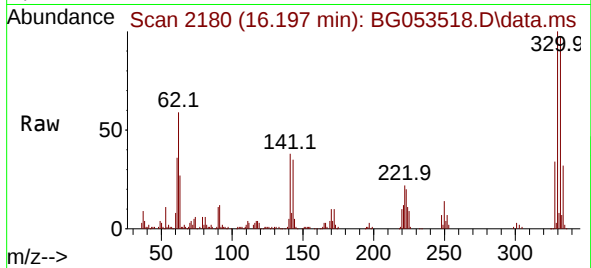




#67
4-Bromophenyl-phenylether
Concen: 5.428 ng
RT: 16.197 min Scan# 211
Delta R.T. -0.445 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

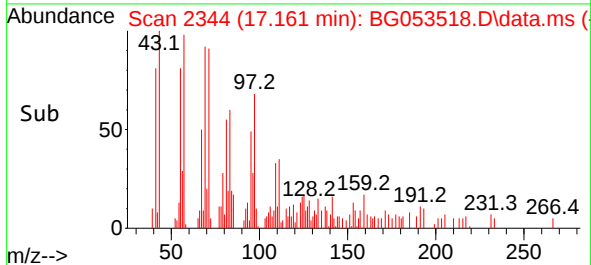
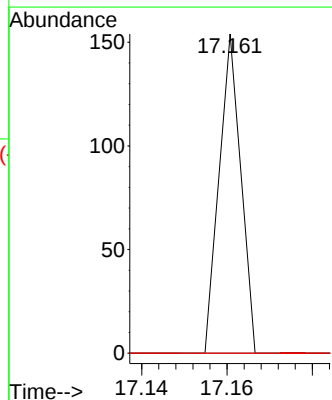
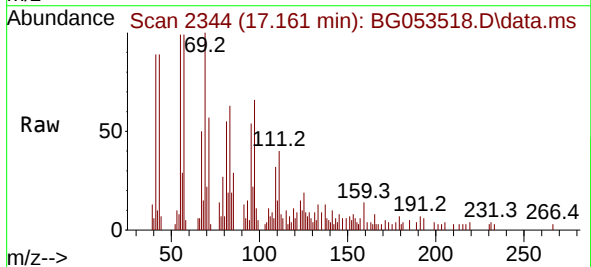
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509-A

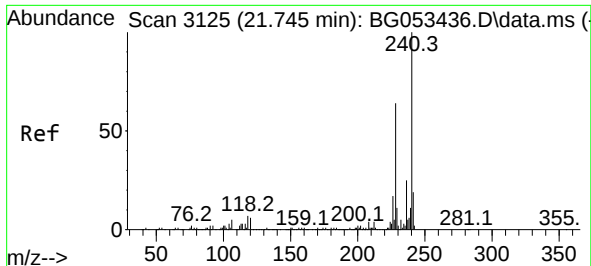
Tgt Ion:248 Resp: 9863
Ion Ratio Lower Upper
248 100
250 202.6 75.2 112.8#
141 548.1 50.0 75.0#



#70
Pentachlorophenol
Concen: 4.698 ng
RT: 17.161 min Scan# 2344
Delta R.T. 0.042 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

Tgt Ion:266 Resp: 54
Ion Ratio Lower Upper
266 100
268 0.0 56.2 84.2#
264 0.0 53.0 79.4#

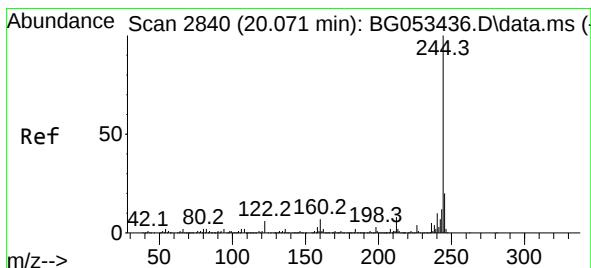
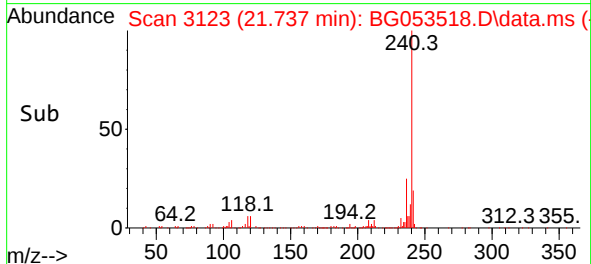
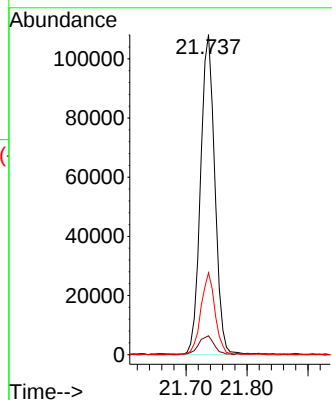
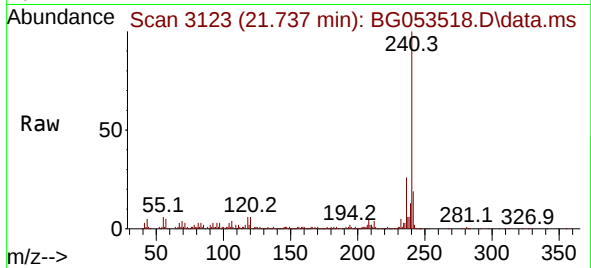




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.737 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

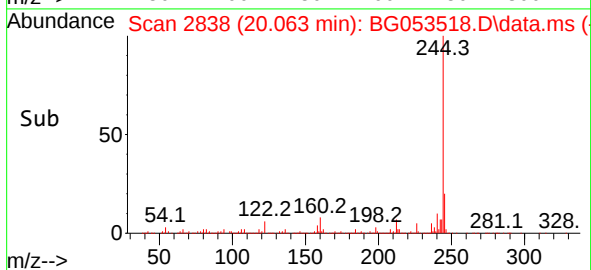
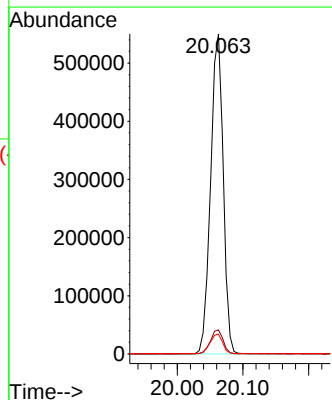
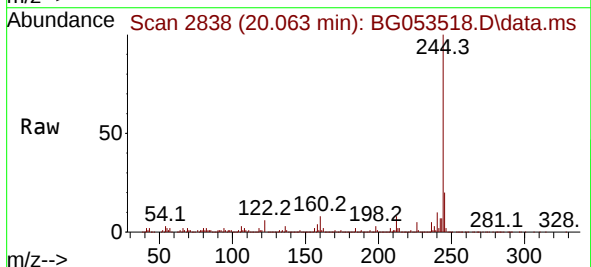
Instrument :
BNA_G
ClientSampleId :
MW-4-20220509-A

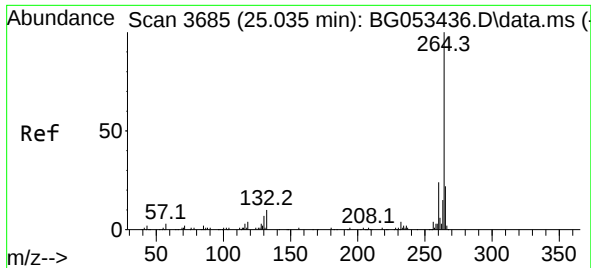
Tgt Ion:240 Resp: 176166
Ion Ratio Lower Upper
240 100
120 5.9 4.6 7.0
236 25.6 20.2 30.4



#79
Terphenyl-d14
Concen: 77.733 ng
RT: 20.063 min Scan# 2838
Delta R.T. 0.001 min
Lab File: BG053518.D
Acq: 10 May 2022 21:31

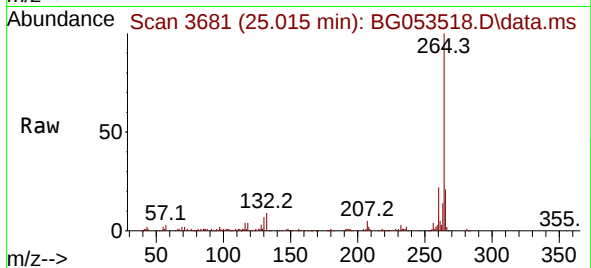
Tgt Ion:244 Resp: 735258
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.2 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.015 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG053518.D
 Acq: 10 May 2022 21:31

Instrument :
 BNA_G
 ClientSampleId :
 MW-4-20220509-A



Tgt Ion:	264	Resp:	192884
Ion Ratio	Lower	Upper	
264	100		
260	21.8	19.0	28.6
265	21.1	17.4	26.2

