

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053246.D
 Acq On : 21 Apr 2022 18:11
 Operator : CG/JU
 Sample : N2448-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW-DUP

Quant Time: Apr 22 02:57:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

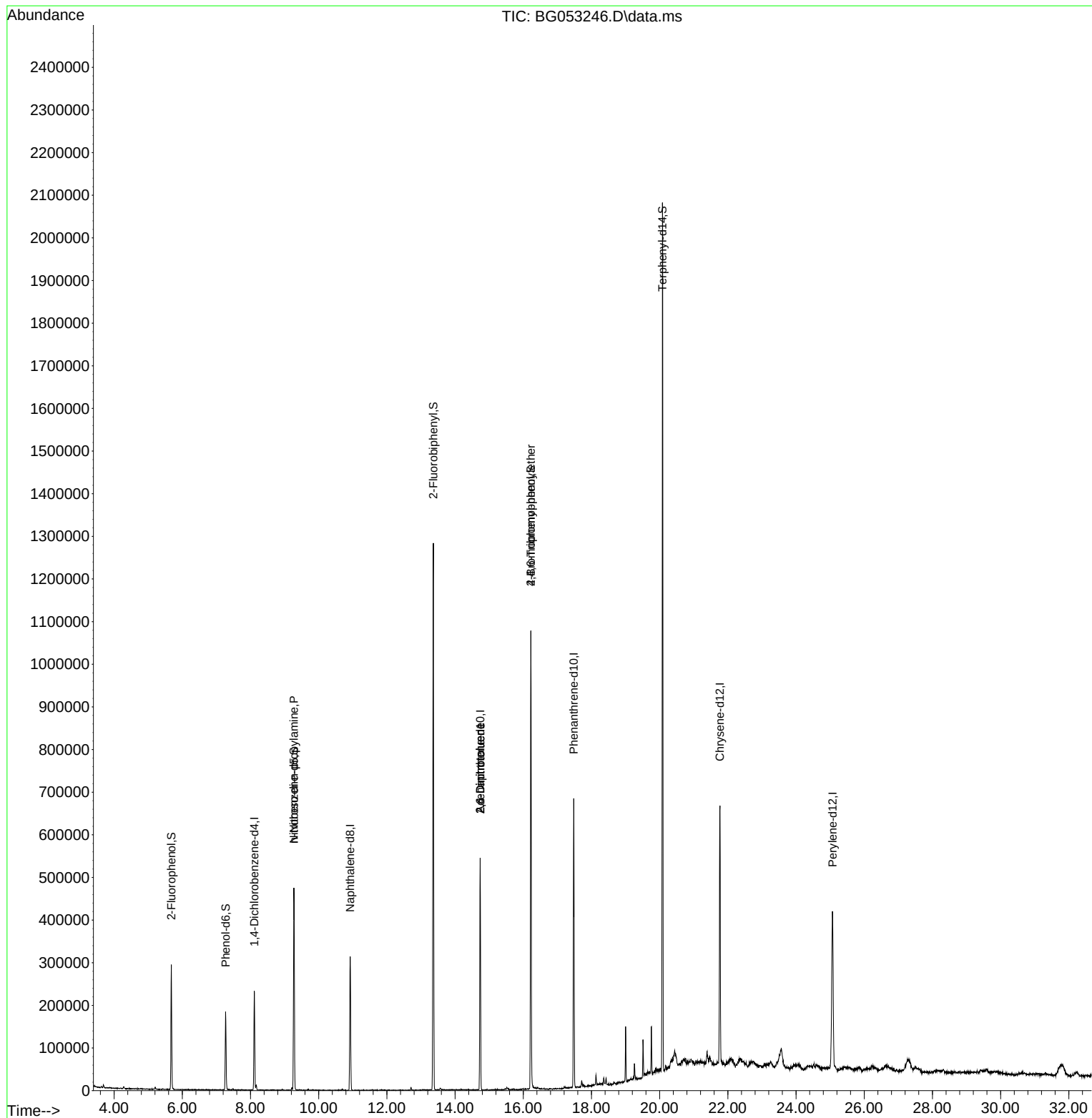
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	65573	20.000	ng	-0.01
21) Naphthalene-d8	10.924	136	263147	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	194209	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	449010	20.000	ng	-0.01
76) Chrysene-d12	21.768	240	402618	20.000	ng	0.00
86) Perylene-d12	25.070	264	416390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	118408	30.954	ng	0.00
7) Phenol-d6	7.270	99	104378	17.694	ng	-0.01
23) Nitrobenzene-d5	9.273	82	303447	46.822	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	216975	70.223	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	683173	48.506	ng	0.00
79) Terphenyl-d14	20.082	244	1042661	43.738	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.273	70	42894	9.932	ng	# 77
51) 2,6-Dinitrotoluene	14.737	165	25492	7.866	ng	# 26
57) 2,4-Dinitrotoluene	14.737	165	25492	5.525	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	13909	2.418	ng	# 1

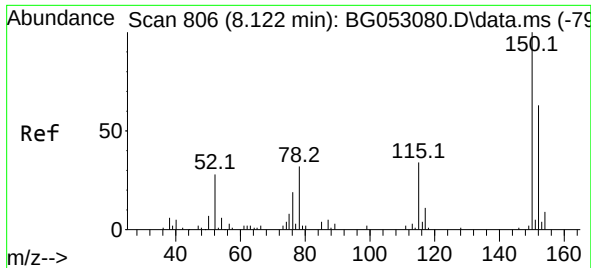
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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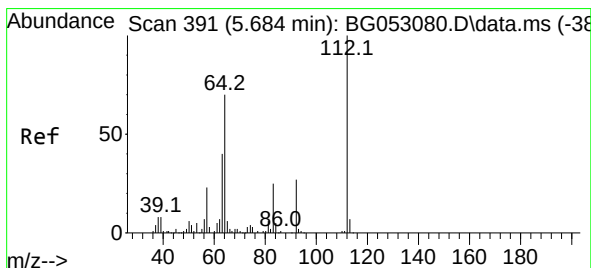
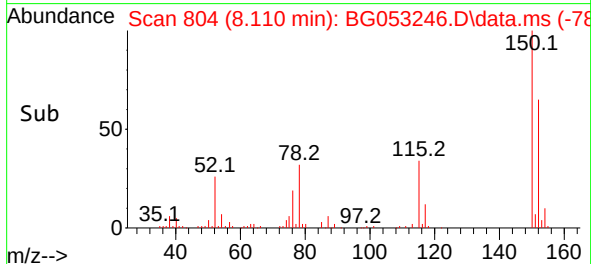
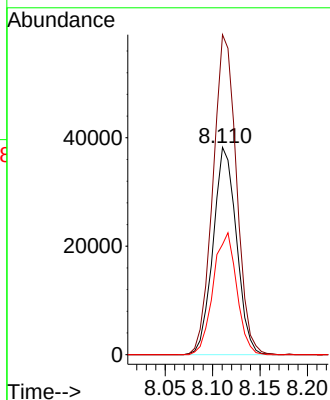
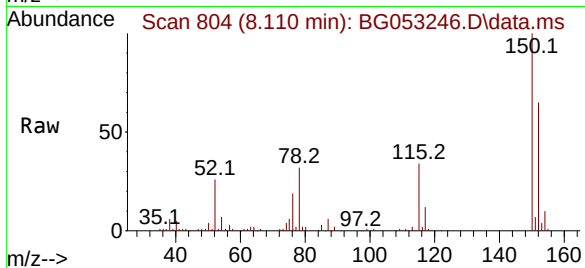




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 804
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

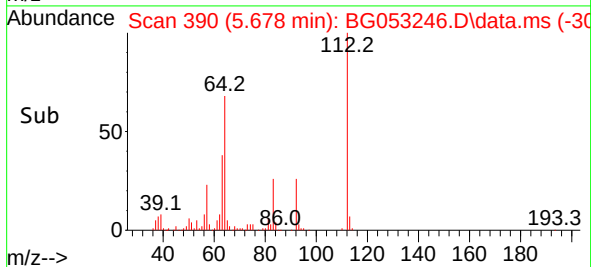
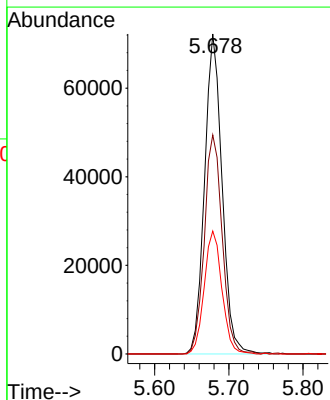
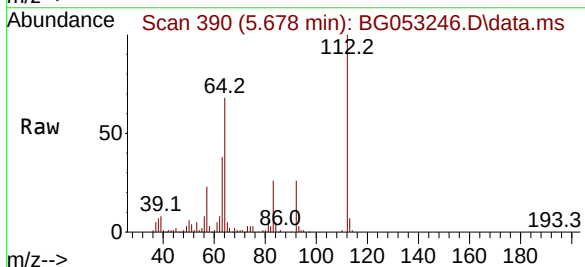
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUP

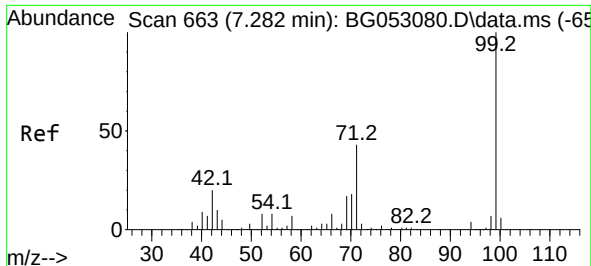
Tgt Ion:152 Resp: 65573
Ion Ratio Lower Upper
152 100
150 154.4 114.6 172.0
115 53.2 45.9 68.9



#5
2-Fluorophenol
Concen: 30.954 ng
RT: 5.678 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion:112 Resp: 118408
Ion Ratio Lower Upper
112 100
64 68.5 48.0 72.0
63 38.4 26.5 39.7

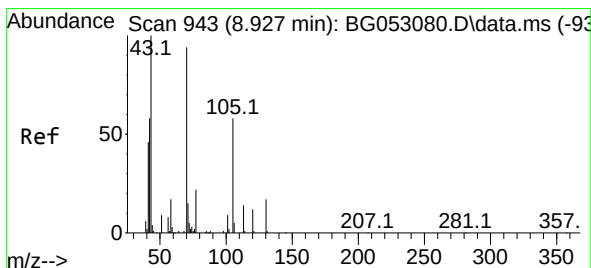
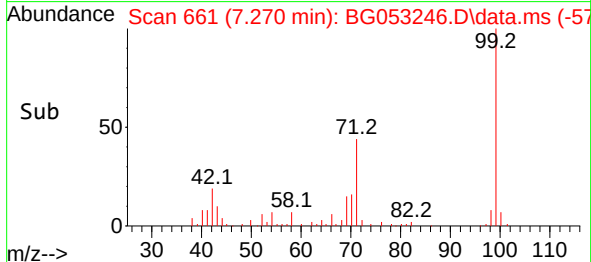
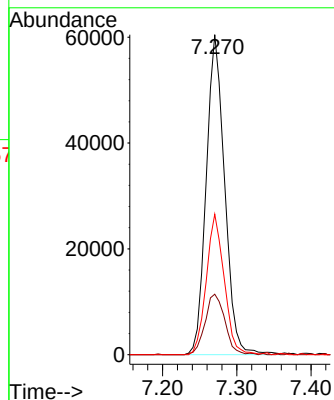
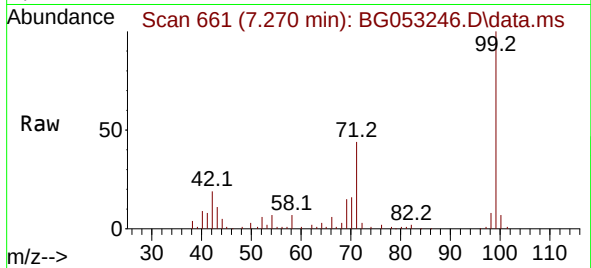




#7
Phenol-d6
Concen: 17.694 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

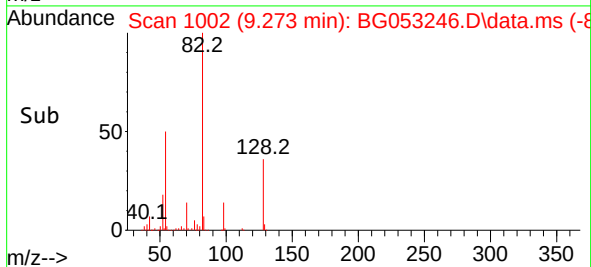
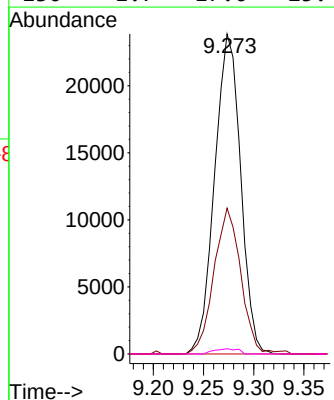
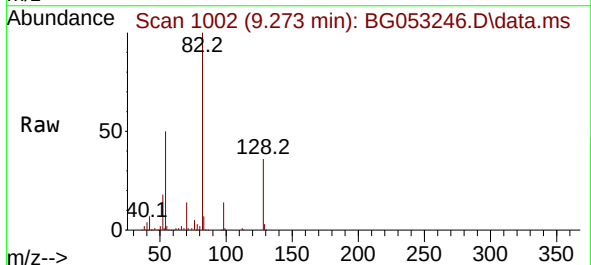
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUP

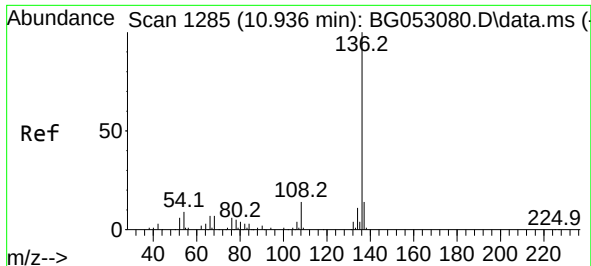
Tgt Ion: 99 Resp: 104378
Ion Ratio Lower Upper
99 100
42 18.9 14.7 22.1
71 43.9 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.932 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion: 70 Resp: 42894
Ion Ratio Lower Upper
70 100
42 45.6 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

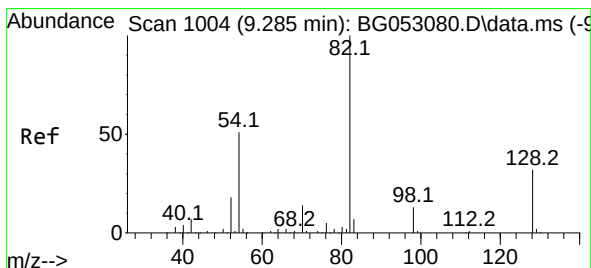
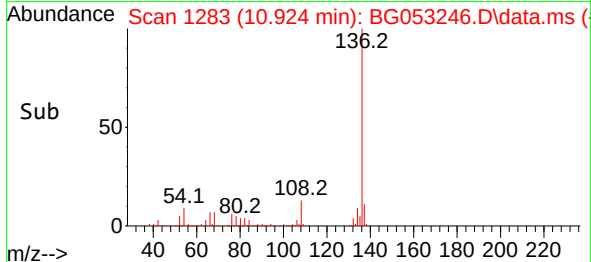
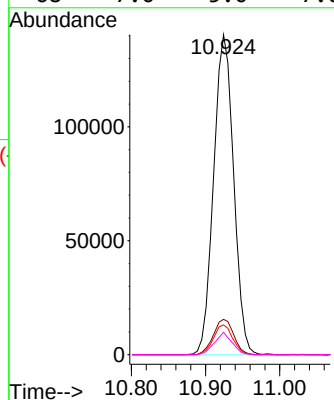
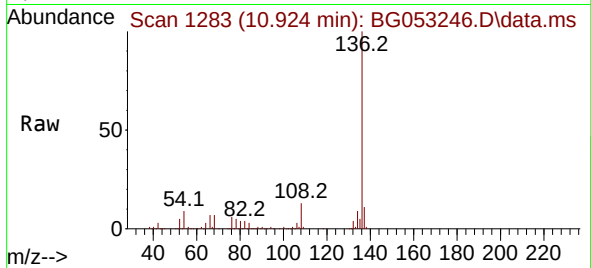




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

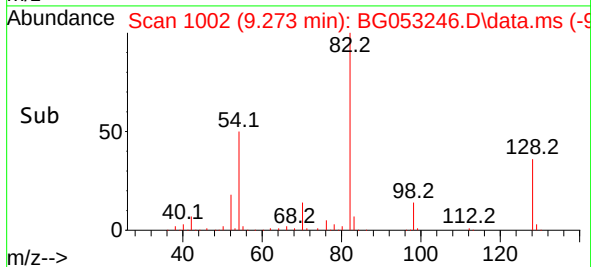
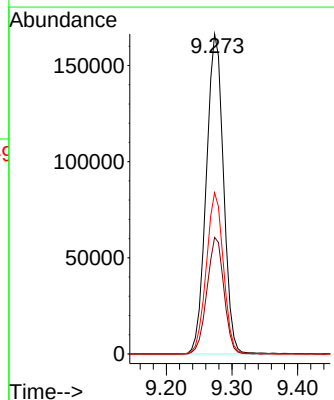
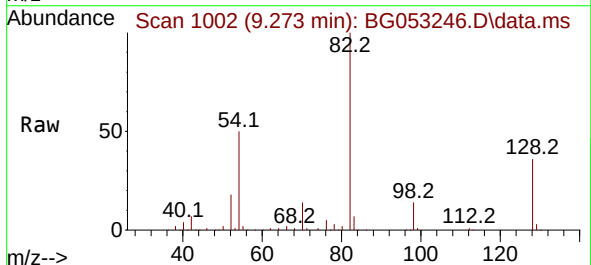
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUP

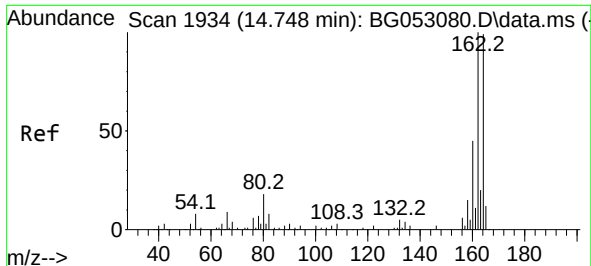
Tgt Ion:136 Resp: 263147
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 9.3 6.4 9.6
68 7.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 46.822 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion: 82 Resp: 303447
Ion Ratio Lower Upper
82 100
128 36.4 31.3 46.9
54 50.4 37.8 56.8

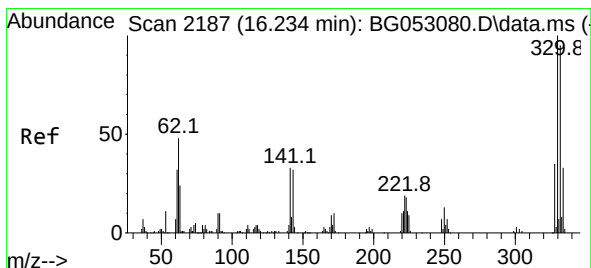
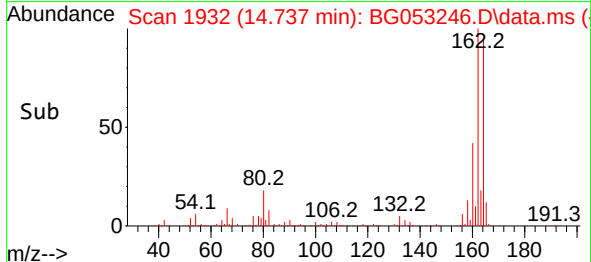
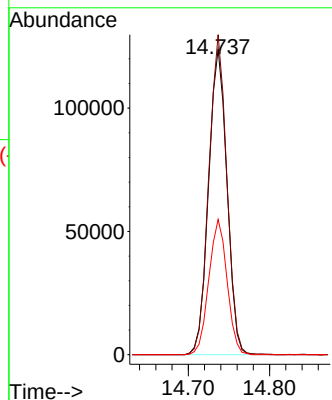
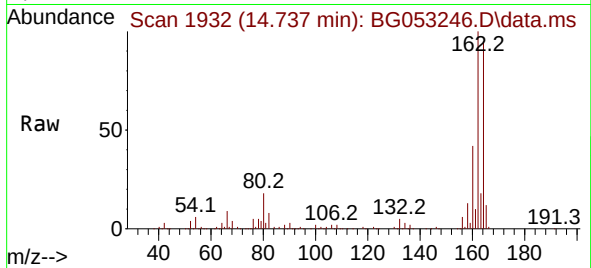




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

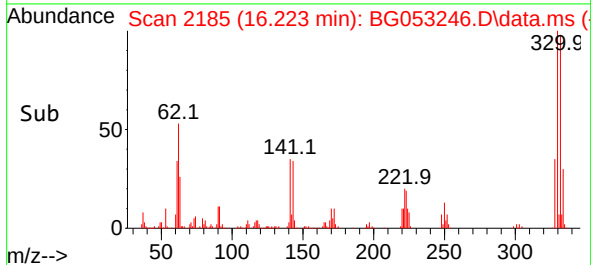
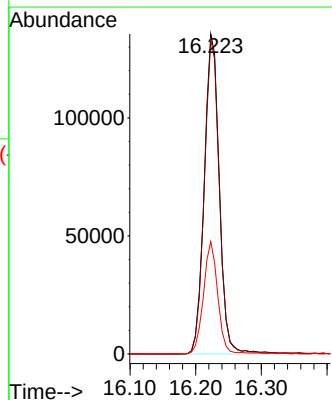
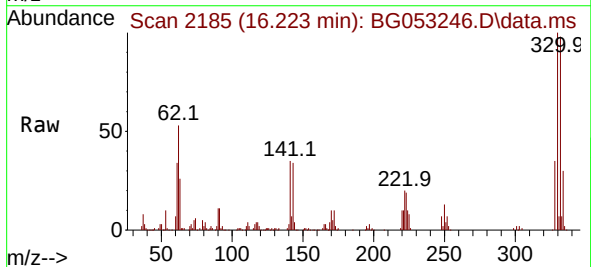
Instrument :
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ClientSampleId :
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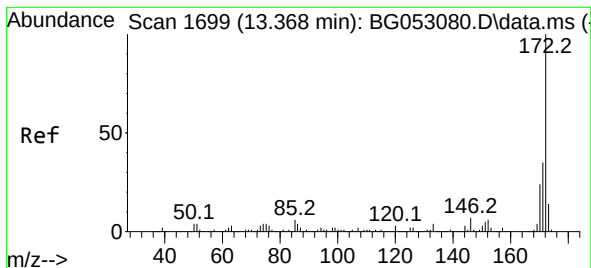
Tgt Ion:164 Resp: 194209
Ion Ratio Lower Upper
164 100
162 104.7 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 70.223 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion:330 Resp: 216975
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.6
141 33.5 24.6 36.8

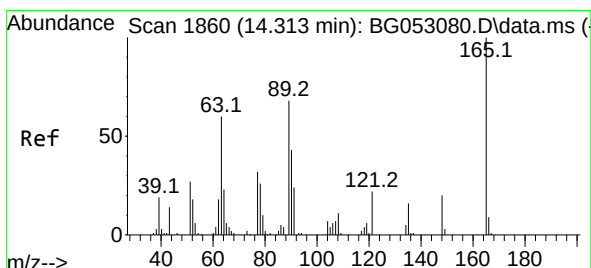
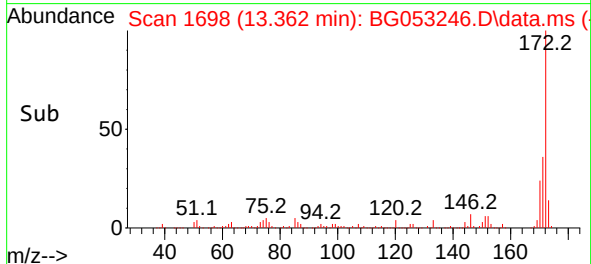
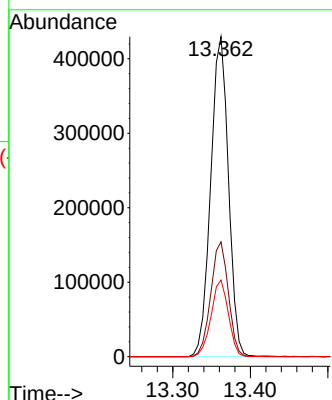
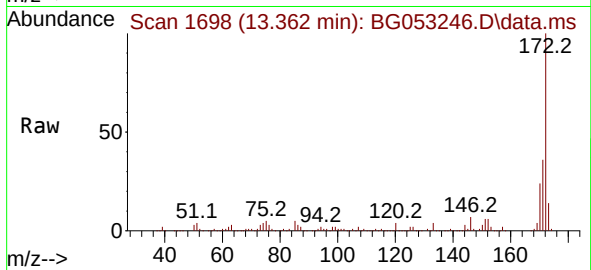




#45
2-Fluorobiphenyl
Concen: 48.506 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

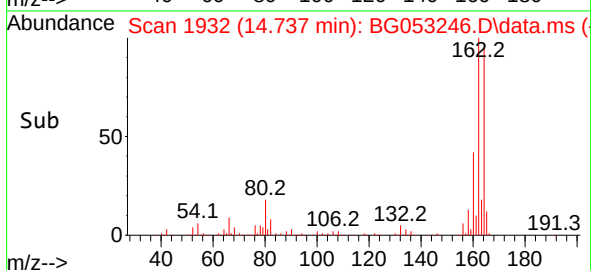
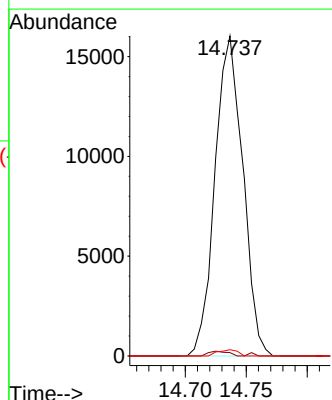
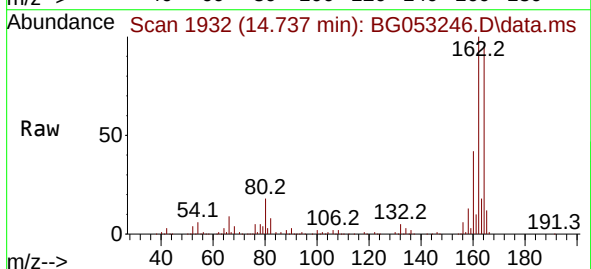
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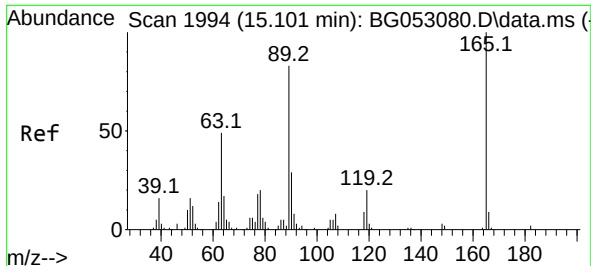
Tgt Ion:172 Resp: 683173
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 24.0 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.866 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion:165 Resp: 25492
Ion Ratio Lower Upper
165 100
63 1.1 43.7 65.5#
89 1.9 45.0 67.4#

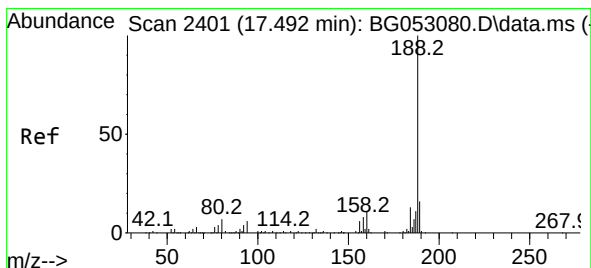
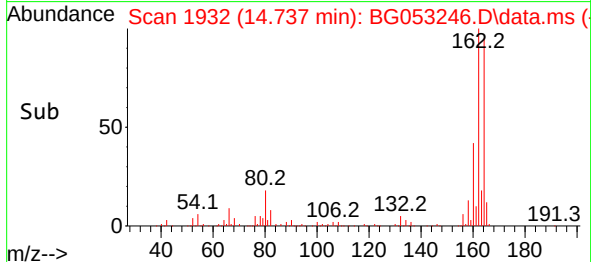
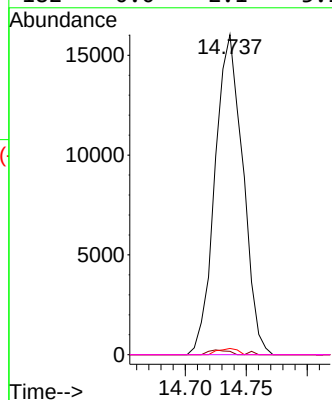
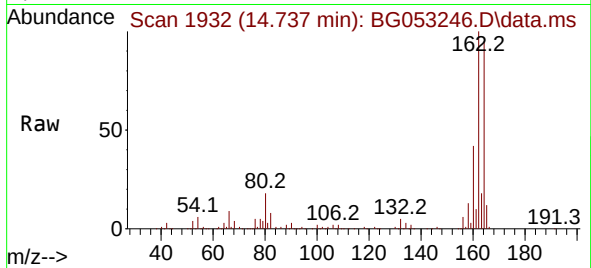




#57
2,4-Dinitrotoluene
Concen: 5.525 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.364 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

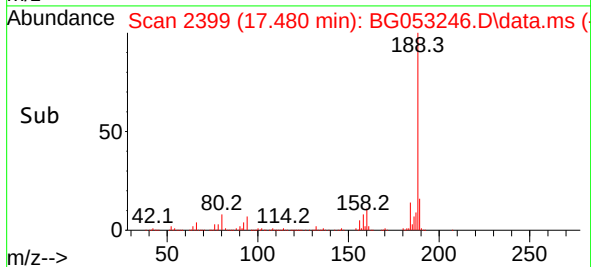
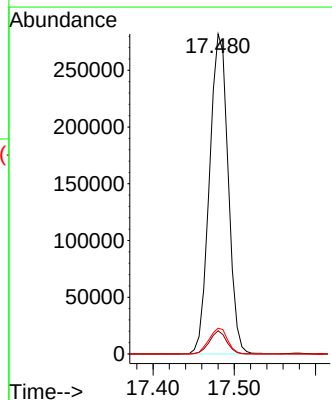
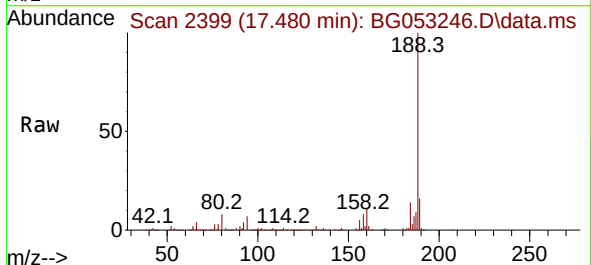
Instrument :
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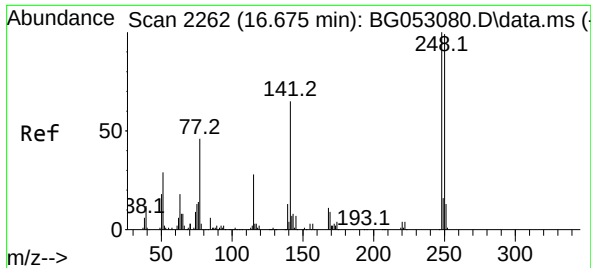
Tgt Ion:165 Resp: 25492
Ion Ratio Lower Upper
165 100
63 1.1 34.8 52.2#
89 1.9 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion:188 Resp: 449010
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 8.0 7.2 10.8

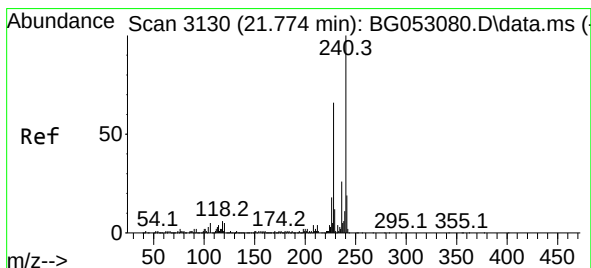
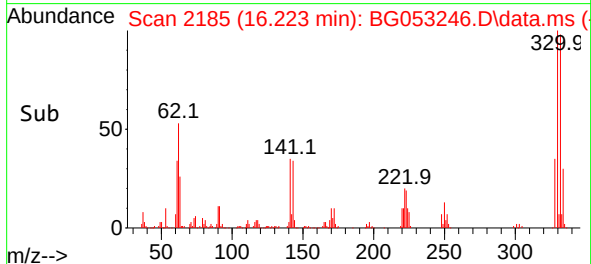
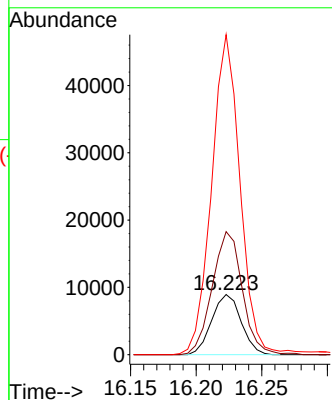
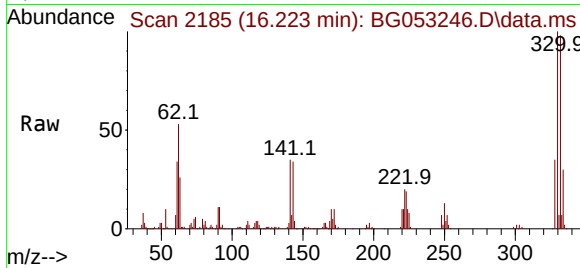




#67
4-Bromophenyl-phenylether
Concen: 2.418 ng
RT: 16.223 min Scan# 2118
Delta R.T. -0.452 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

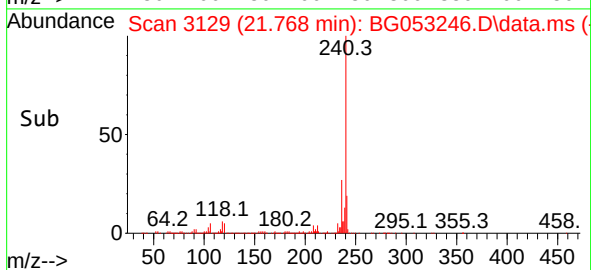
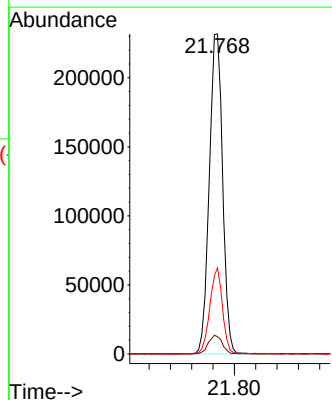
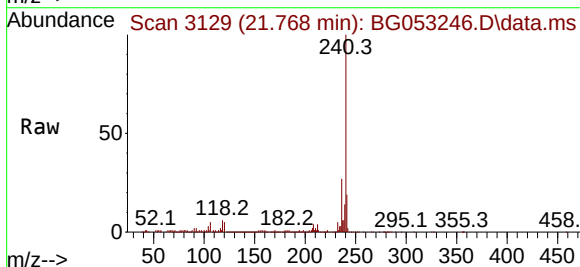
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUP

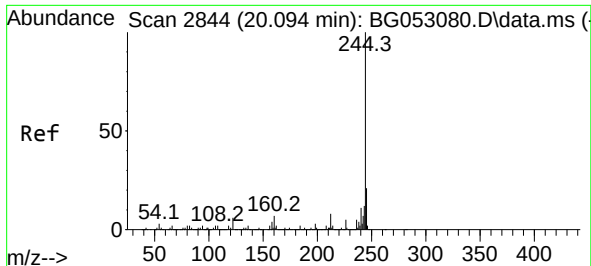
Tgt Ion:248 Resp: 13909
Ion Ratio Lower Upper
248 100
250 204.6 77.9 116.9#
141 532.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.768 min Scan# 3129
Delta R.T. -0.006 min
Lab File: BG053246.D
Acq: 21 Apr 2022 18:11

Tgt Ion:240 Resp: 402618
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 26.9 19.8 29.6

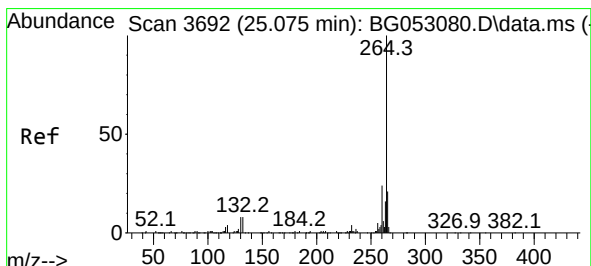
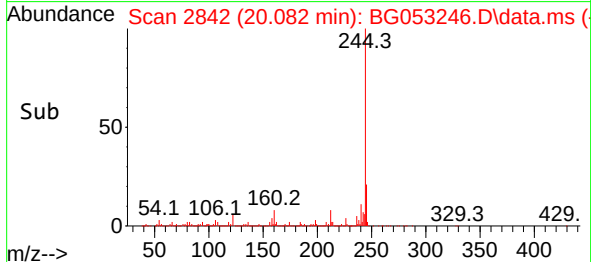
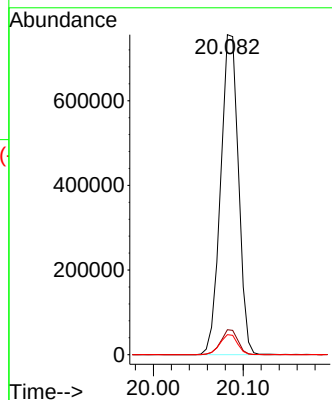
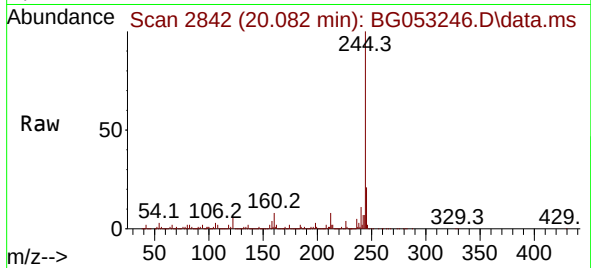




#79
 Terphenyl-d14
 Concen: 43.738 ng
 RT: 20.082 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG053246.D
 Acq: 21 Apr 2022 18:11

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW-DUP

Tgt Ion:244 Resp: 1042661
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.006 min
 Lab File: BG053246.D
 Acq: 21 Apr 2022 18:11

Tgt Ion:264 Resp: 416390
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.2
 265 21.7 15.1 22.7

