

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053268.D
 Acq On : 22 Apr 2022 19:36
 Operator : CG/JU
 Sample : PB144287TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144287TB

Quant Time: Apr 24 01:16:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

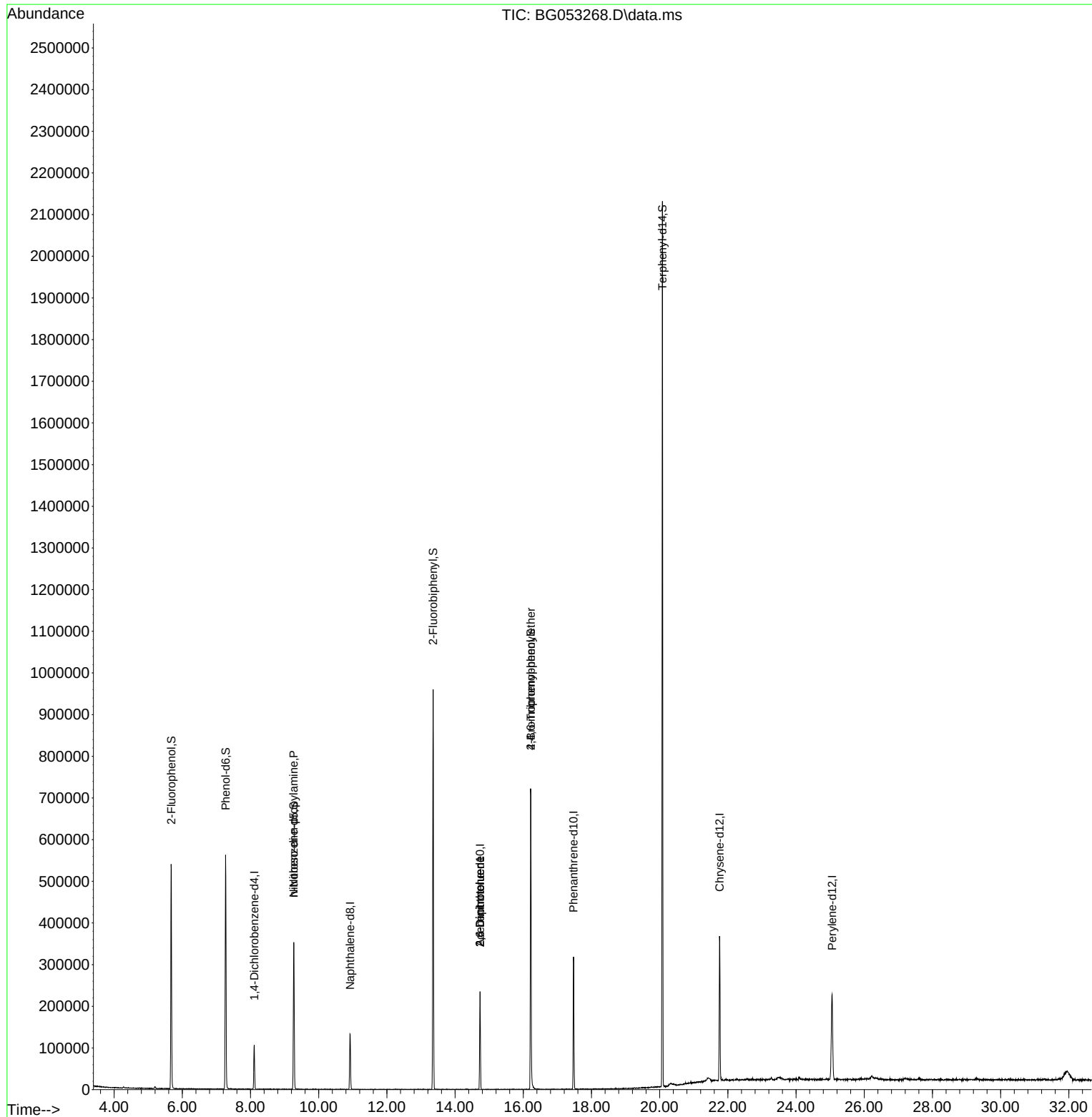
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	29939	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	115556	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	86153	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	204616	20.000	ng	0.00
76) Chrysene-d12	21.756	240	231363	20.000	ng	0.00
86) Perylene-d12	25.058	264	228368	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	227628	130.330	ng	0.00
7) Phenol-d6	7.270	99	316258	117.422	ng	0.00
23) Nitrobenzene-d5	9.267	82	230100	80.851	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	156319	114.047	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	507281	81.192	ng	0.00
79) Terphenyl-d14	20.082	244	1093772	79.843	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.267	70	31326	15.887	ng	# 77
51) 2,6-Dinitrotoluene	14.731	165	10787	7.504	ng	# 26
57) 2,4-Dinitrotoluene	14.731	165	10787	5.271	ng	# 25
67) 4-Bromophenyl-phenylether	16.223	248	10638	4.057	ng	# 1

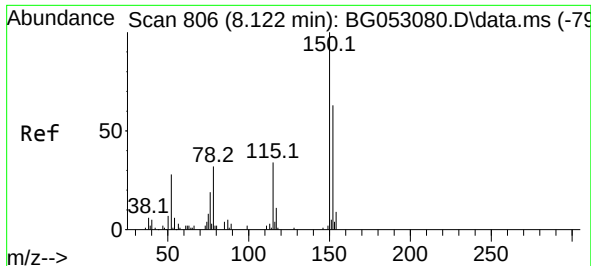
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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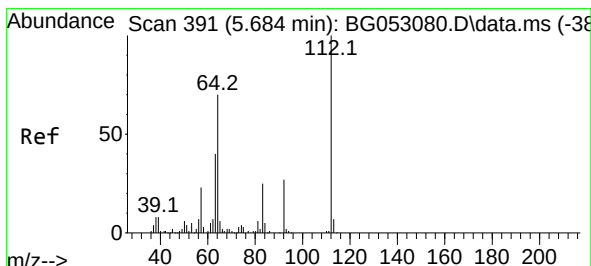
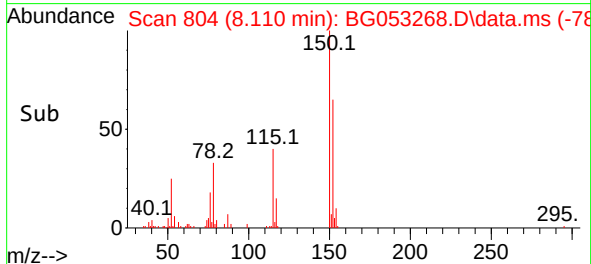
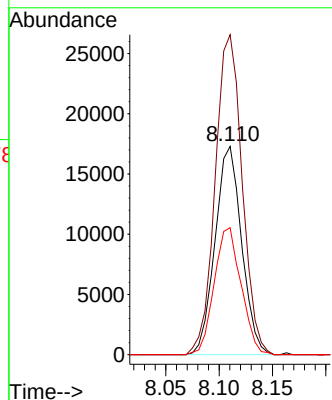
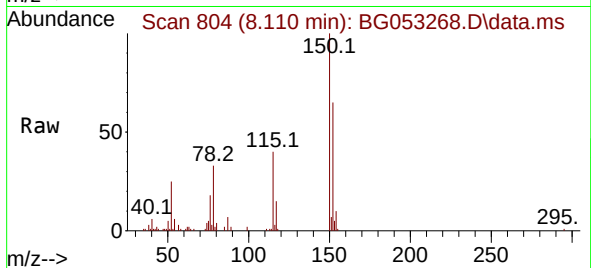




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

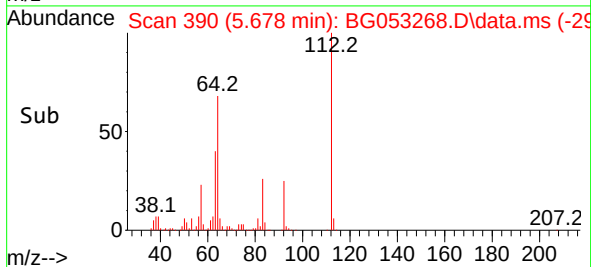
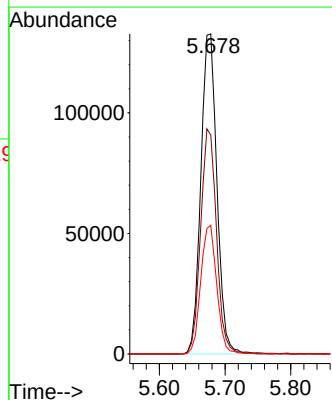
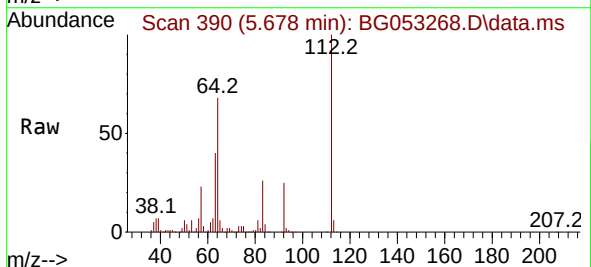
Instrument :
BNA_G
ClientSampleId :
PB144287TB

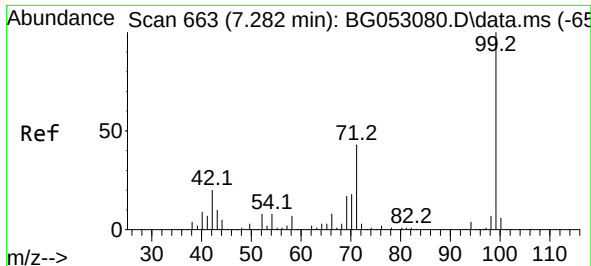
Tgt Ion:152 Resp: 29939
Ion Ratio Lower Upper
152 100
150 153.6 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 130.330 ng
RT: 5.678 min Scan# 390
Delta R.T. 0.003 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion:112 Resp: 227628
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 40.2 26.5 39.7#

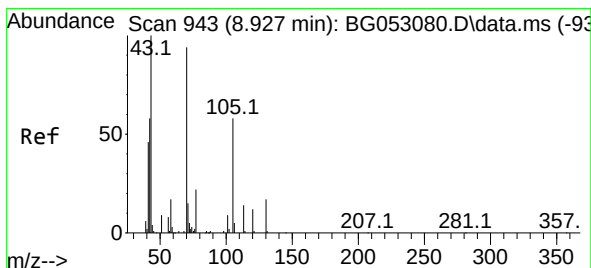
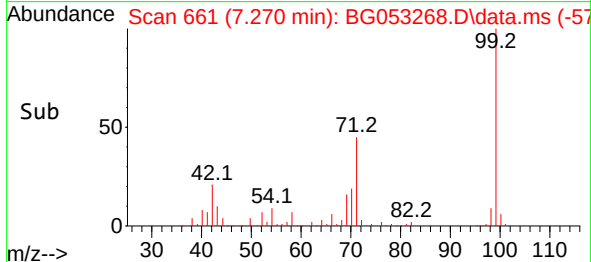
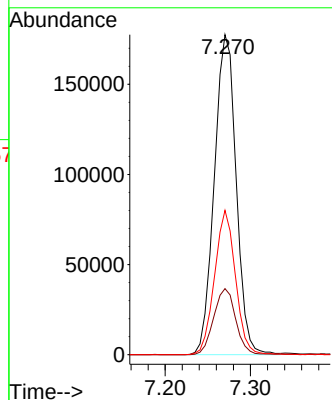
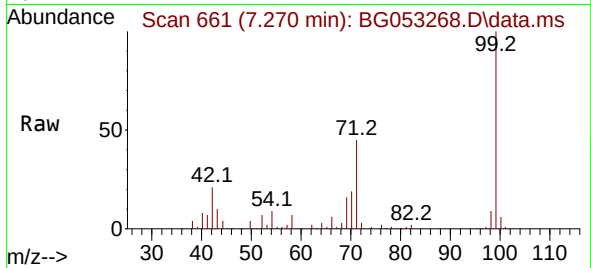




#7
Phenol-d6
Concen: 117.422 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

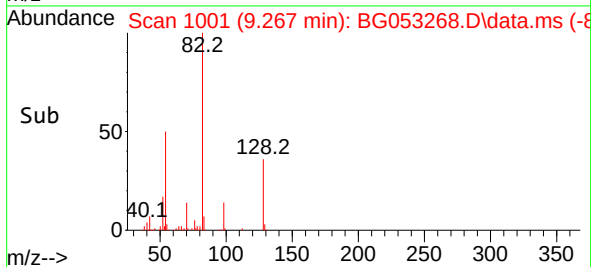
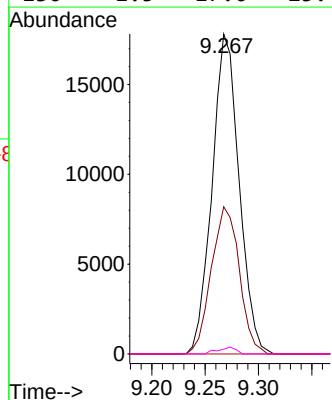
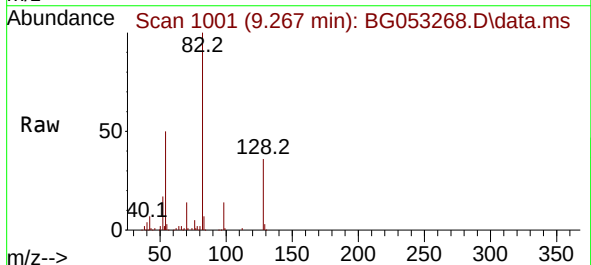
Instrument :
BNA_G
ClientSampleId :
PB144287TB

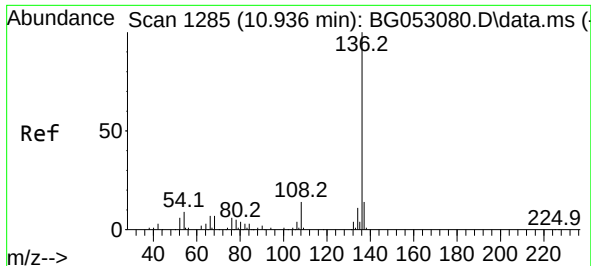
Tgt Ion: 99 Resp: 316258
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 45.1 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 15.887 ng
RT: 9.267 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion: 70 Resp: 31326
Ion Ratio Lower Upper
70 100
42 46.0 46.0 69.0
101 0.0 6.2 9.4#
130 1.5 17.0 25.4#

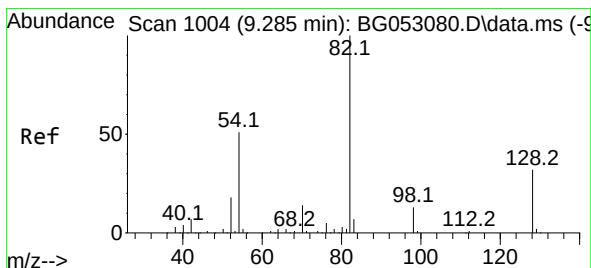
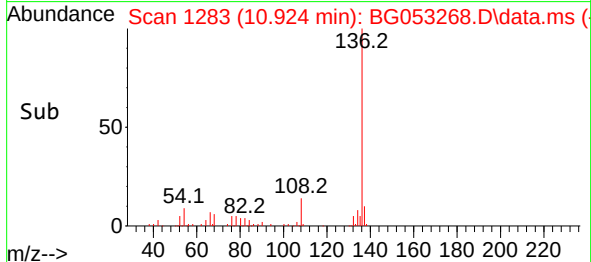
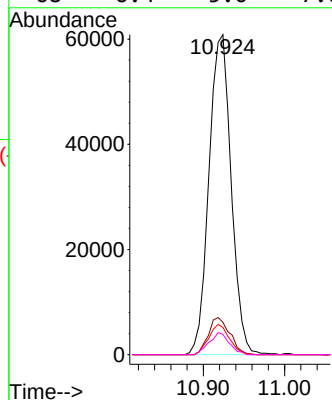
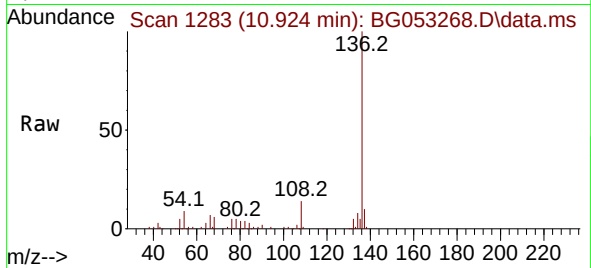




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

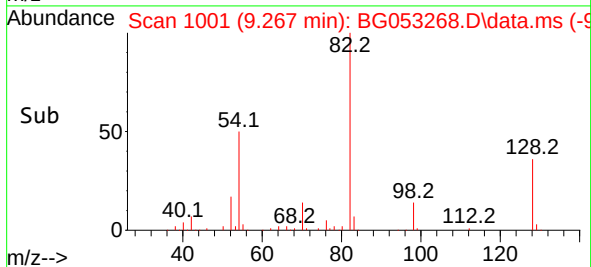
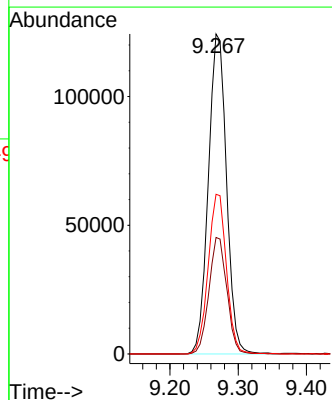
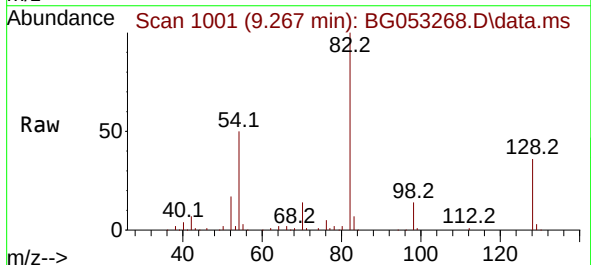
Instrument :
BNA_G
ClientSampleId :
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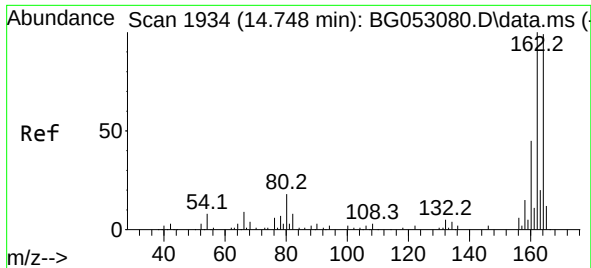
Tgt Ion:136	Resp:	115556	
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.4	14.2
54	8.5	6.4	9.6
68	6.4	5.0	7.6



#23
Nitrobenzene-d5
Concen: 80.851 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion: 82	Resp: 230100
Ion Ratio	Lower Upper
82 100	
128 36.4	31.3 46.9
54 49.9	37.8 56.8

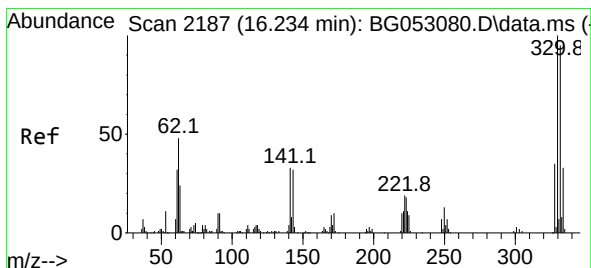
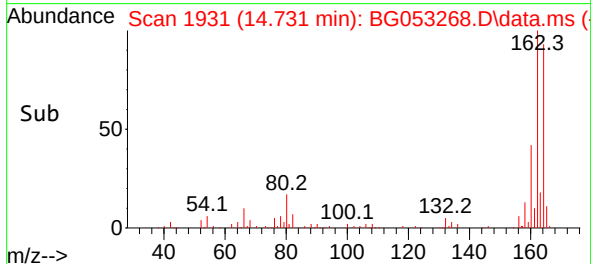
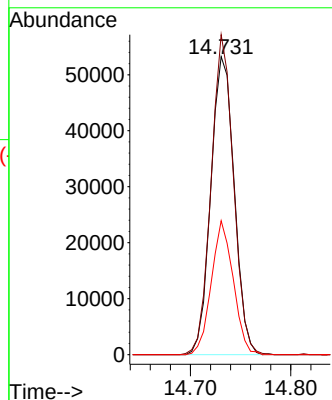
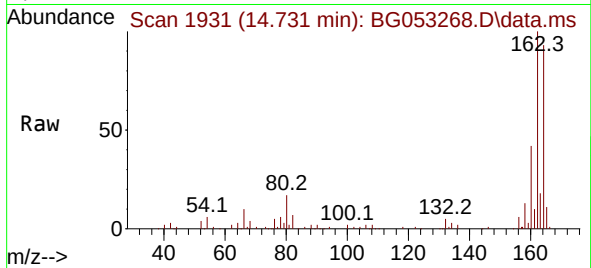




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.731 min Scan# 1931
 Delta R.T. -0.003 min
 Lab File: BG053268.D
 Acq: 22 Apr 2022 19:36

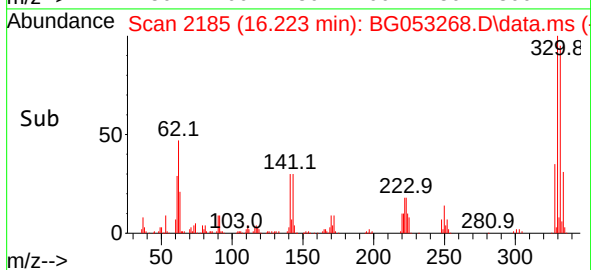
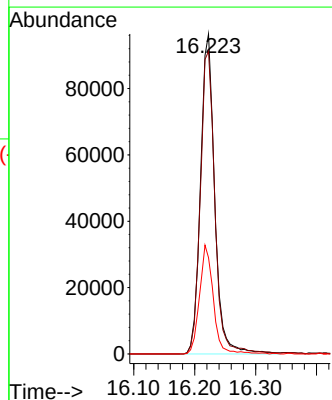
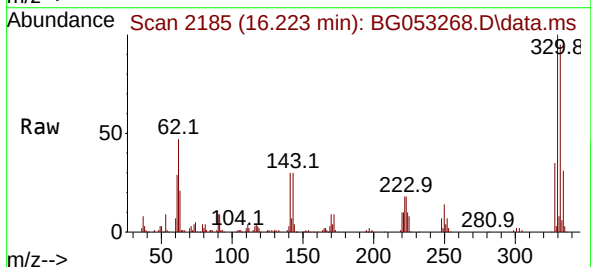
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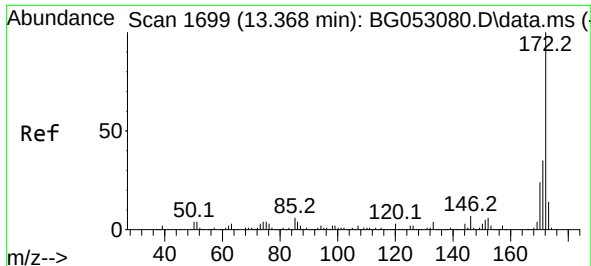
Tgt Ion:164 Resp: 86153
 Ion Ratio Lower Upper
 164 100
 162 107.4 80.0 120.0
 160 44.9 38.8 58.2



#42
 2,4,6-Tribromophenol
 Concen: 114.047 ng
 RT: 16.223 min Scan# 2185
 Delta R.T. -0.003 min
 Lab File: BG053268.D
 Acq: 22 Apr 2022 19:36

Tgt Ion:330 Resp: 156319
 Ion Ratio Lower Upper
 330 100
 332 96.9 75.8 113.6
 141 33.1 24.6 36.8

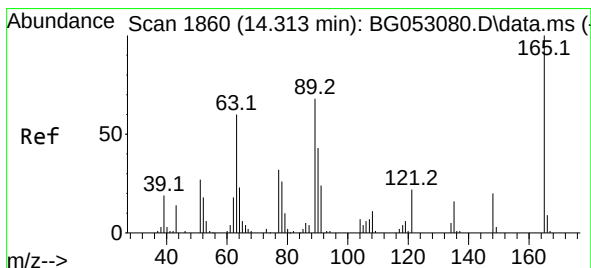
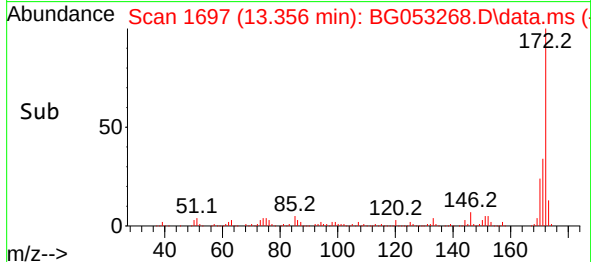
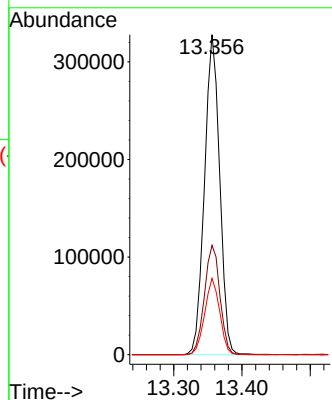
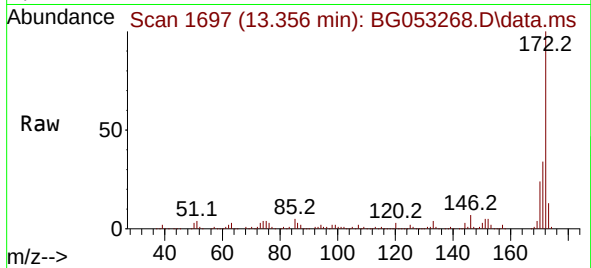




#45
2-Fluorobiphenyl
Concen: 81.192 ng
RT: 13.356 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

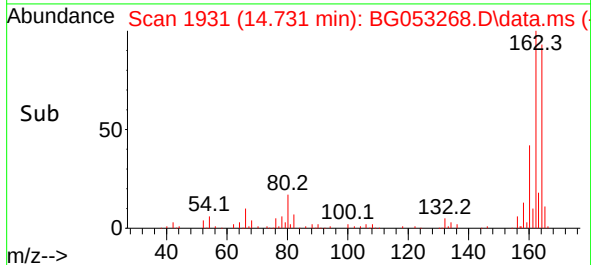
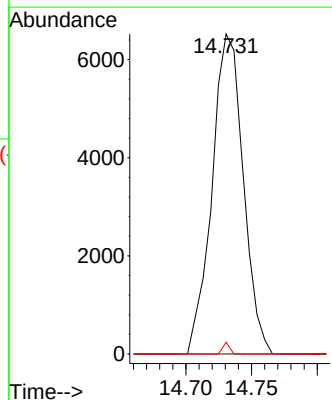
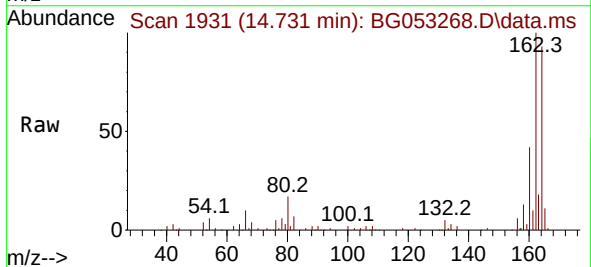
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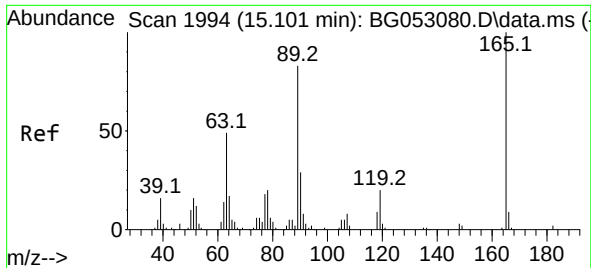
Tgt Ion:172 Resp: 507281
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.9 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 14.731 min Scan# 1931
Delta R.T. 0.426 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion:165 Resp: 10787
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 3.7 45.0 67.4#

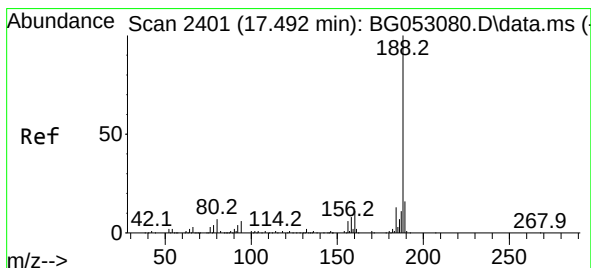
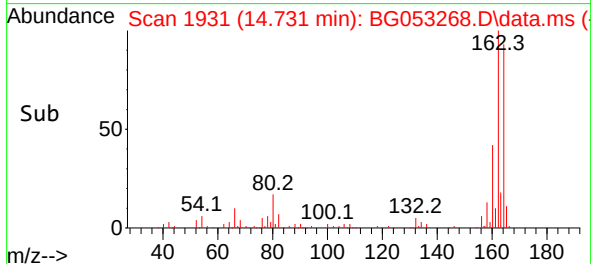
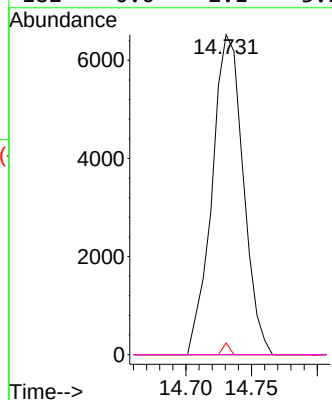
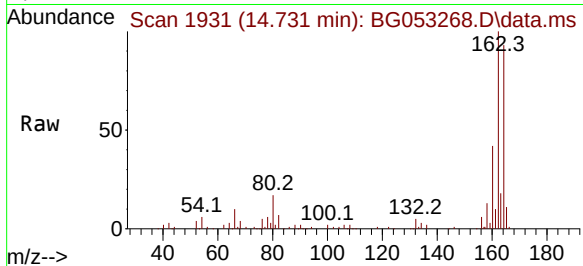




#57
2,4-Dinitrotoluene
Concen: 5.271 ng
RT: 14.731 min Scan# 1994
Delta R.T. -0.362 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

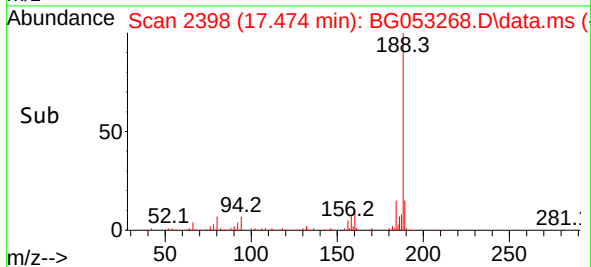
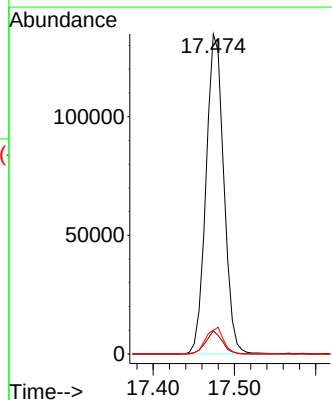
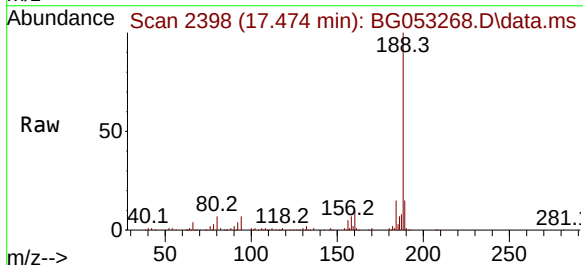
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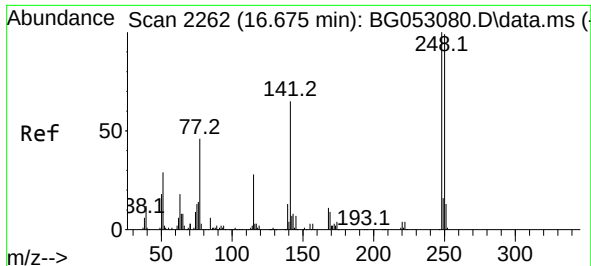
Tgt Ion:165 Resp: 10787
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 3.7 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion:188 Resp: 204616
Ion Ratio Lower Upper
188 100
94 7.3 5.7 8.5
80 7.4 7.2 10.8

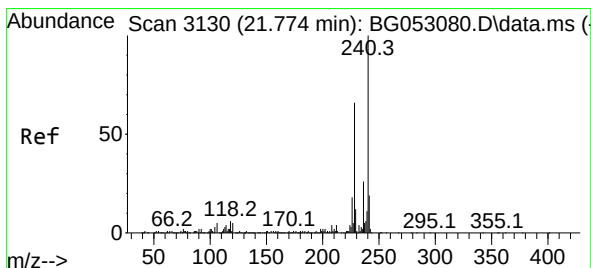
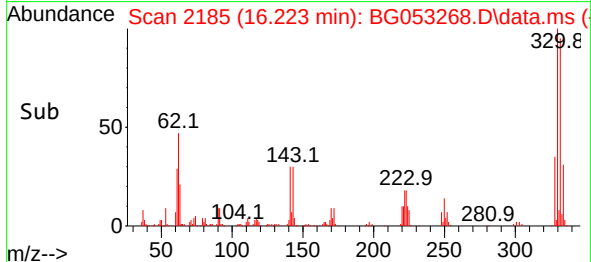
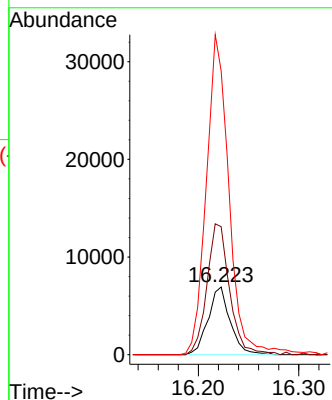
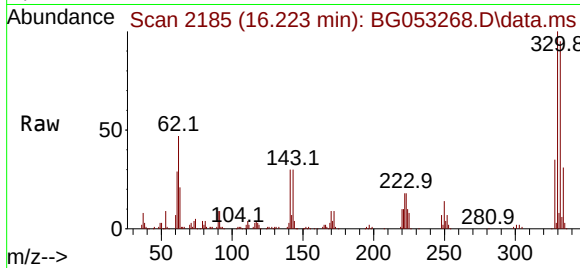




#67
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 16.223 min Scan# 21185
Delta R.T. -0.438 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

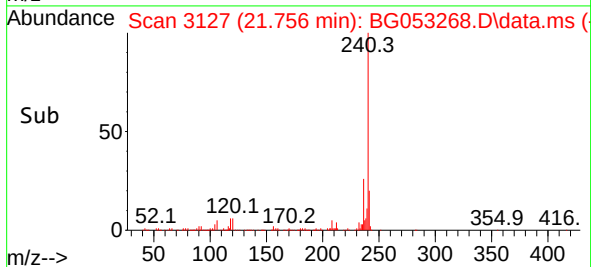
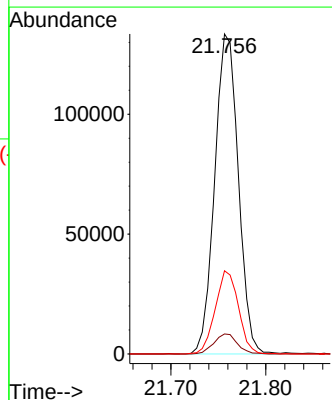
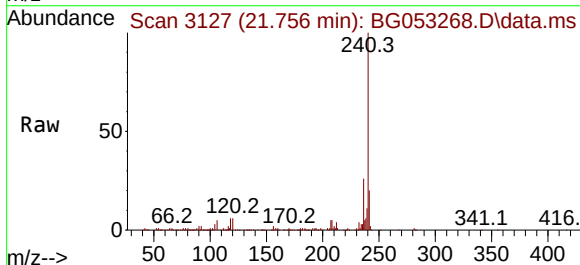
Instrument :
BNA_G
ClientSampleId :
PB144287TB

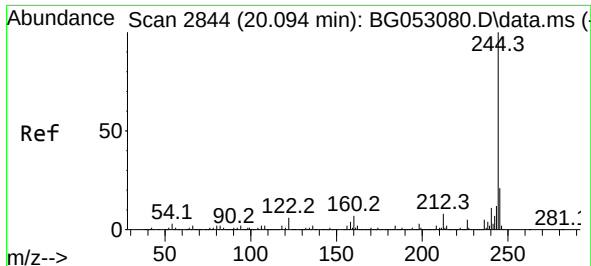
Tgt Ion:248 Resp: 10638
Ion Ratio Lower Upper
248 100
250 189.0 77.9 116.9#
141 419.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053268.D
Acq: 22 Apr 2022 19:36

Tgt Ion:240 Resp: 231363
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 26.0 19.8 29.6

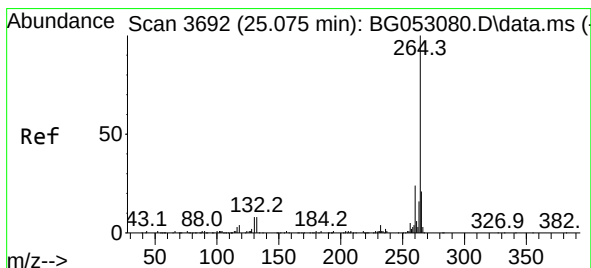
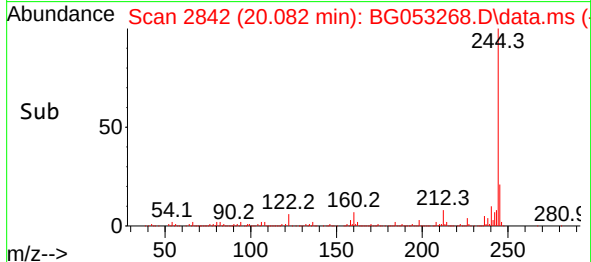
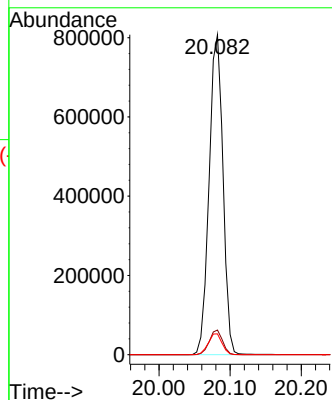
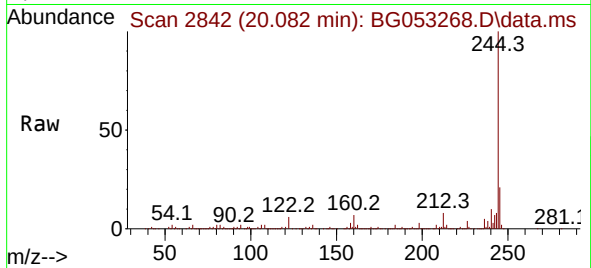




#79
 Terphenyl-d14
 Concen: 79.843 ng
 RT: 20.082 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053268.D
 Acq: 22 Apr 2022 19:36

Instrument :
 BNA_G
 ClientSampleId :
 PB144287TB

Tgt Ion:244 Resp: 1093772
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.058 min Scan# 3689
 Delta R.T. -0.003 min
 Lab File: BG053268.D
 Acq: 22 Apr 2022 19:36

Tgt Ion:264 Resp: 228368
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 21.7 15.1 22.7

