

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053233.D
 Acq On : 21 Apr 2022 2:19
 Operator : CG/JU
 Sample : N2451-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-7085

Quant Time: Apr 21 06:05:55 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)

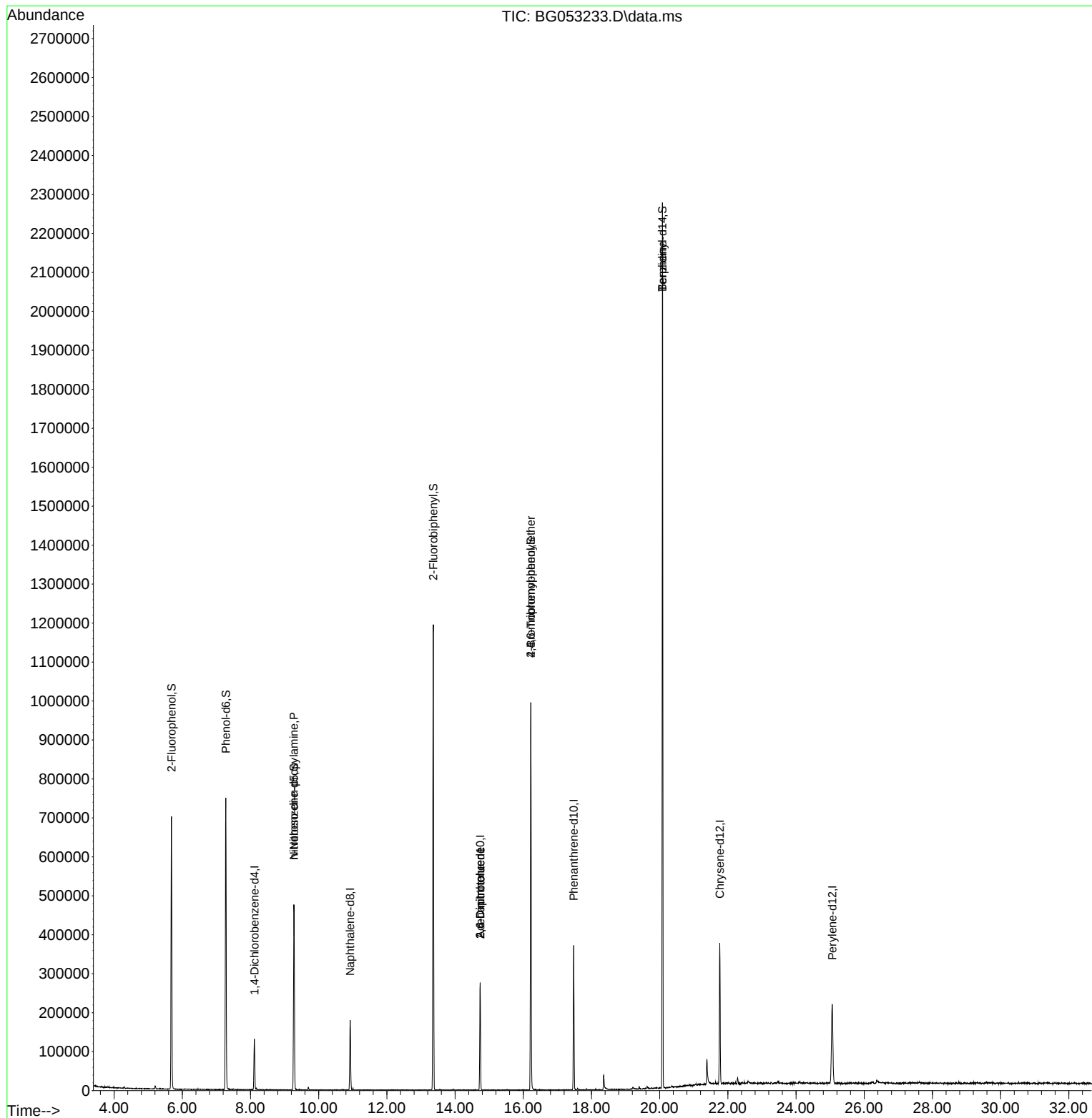
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	36923	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	146039	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	101385	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	232950	20.000	ng	-0.01
76) Chrysene-d12	21.762	240	233927	20.000	ng	-0.01
86) Perylene-d12	25.064	264	234061	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	293634	136.322	ng	0.00
7) Phenol-d6	7.276	99	421671	126.946	ng	0.00
23) Nitrobenzene-d5	9.273	82	306170	85.125	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	202779	125.716	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	651382	88.592	ng	0.00
79) Terphenyl-d14	20.082	244	1154818	83.375	ng	-0.01
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.273	70	43958	18.076	ng	# 73
51) 2,6-Dinitrotoluene	14.737	165	12673	7.491	ng	# 26
57) 2,4-Dinitrotoluene	14.737	165	12673	5.262	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	13324	4.464	ng	# 1
77) Benzidine	20.082	184	19794	2.966	ng	# 92

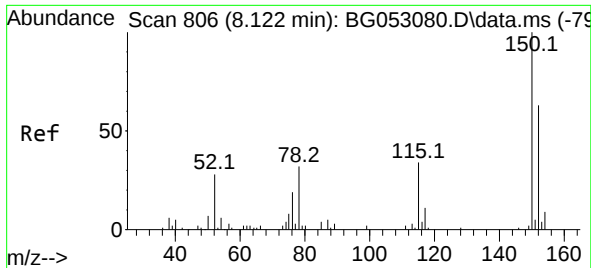
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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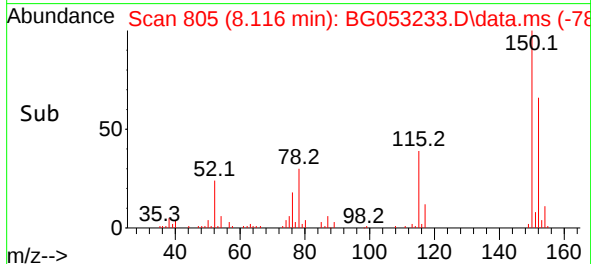
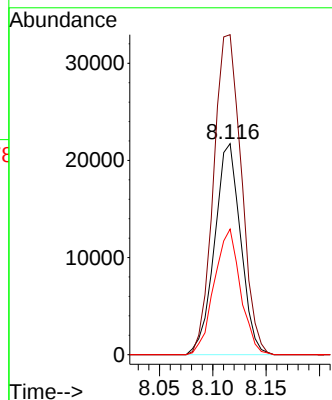
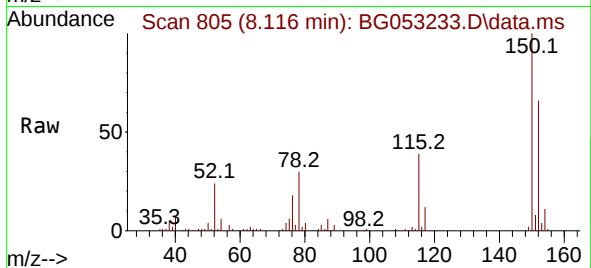




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

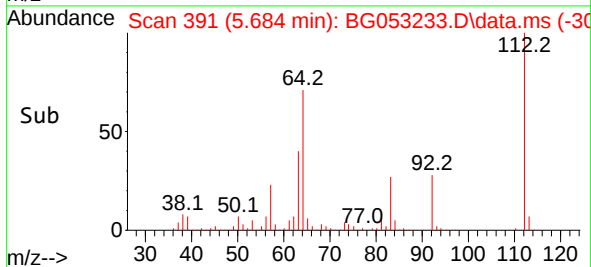
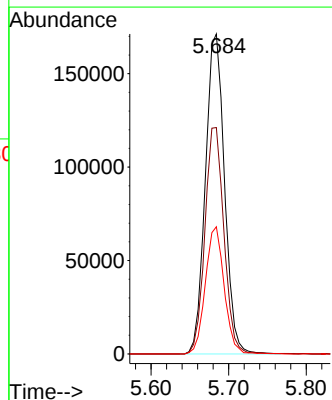
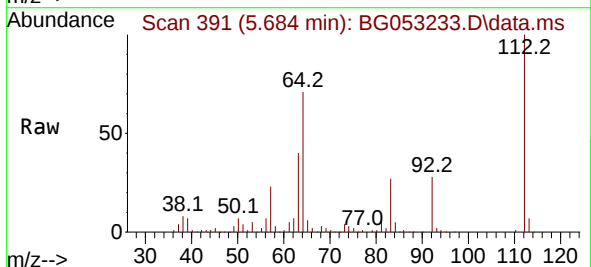
Instrument :
BNA_G
ClientSampleId :
SB-7085

Tgt Ion:152 Resp: 36923
Ion Ratio Lower Upper
152 100
150 151.6 114.6 172.0
115 59.5 45.9 68.9



#5
2-Fluorophenol
Concen: 136.322 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:112 Resp: 293634
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 39.8 26.5 39.7#

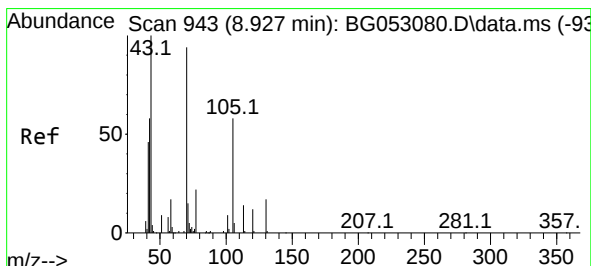
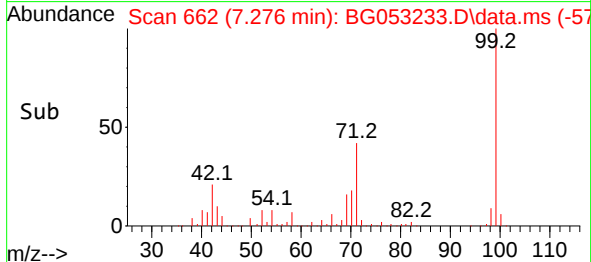
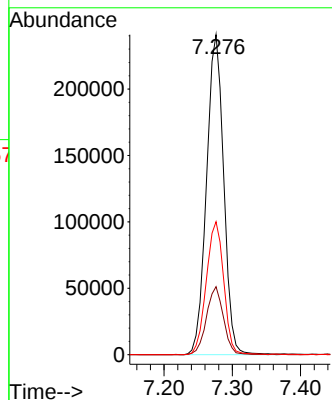
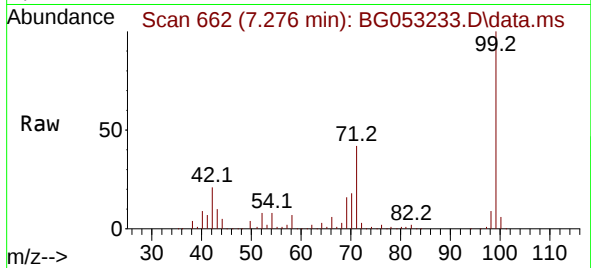




#7
Phenol-d6
Concen: 126.946 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

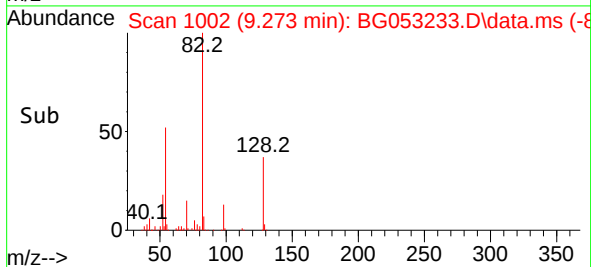
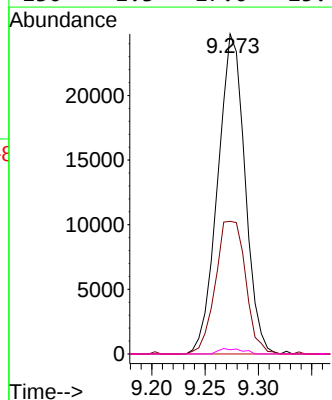
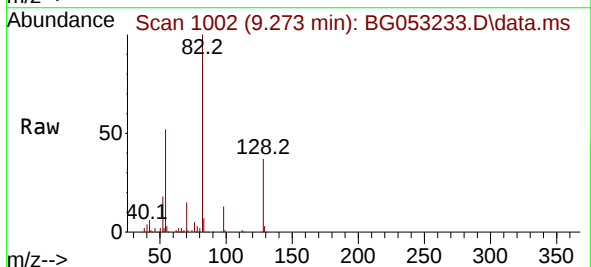
Instrument :
BNA_G
ClientSampleId :
SB-7085

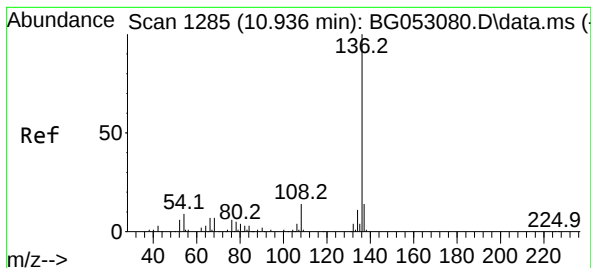
Tgt Ion: 99 Resp: 421671
Ion Ratio Lower Upper
99 100
42 21.2 14.7 22.1
71 41.5 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.076 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion: 70 Resp: 43958
Ion Ratio Lower Upper
70 100
42 41.5 46.0 69.0#
101 0.0 6.2 9.4#
130 1.3 17.0 25.4#



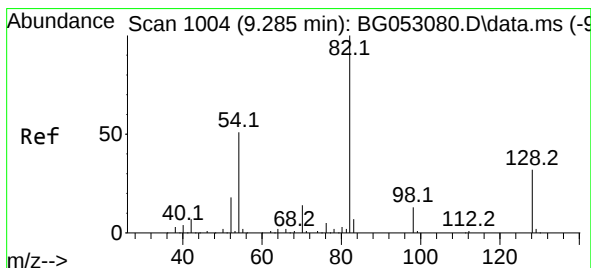
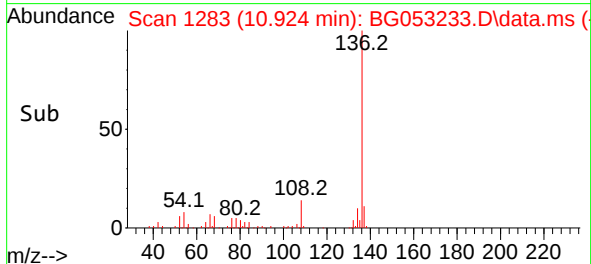
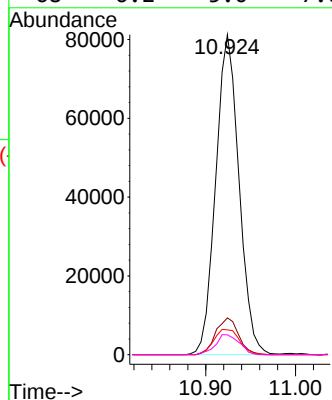
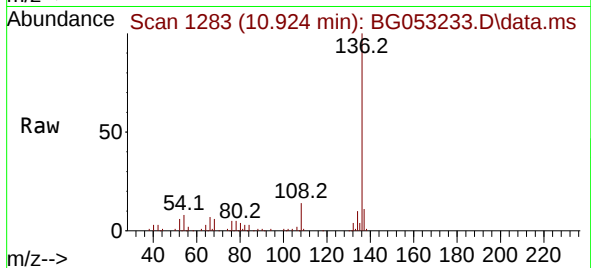


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Instrument :
BNA_G
ClientSampleId :
SB-7085

Tgt Ion:136 Resp: 146039

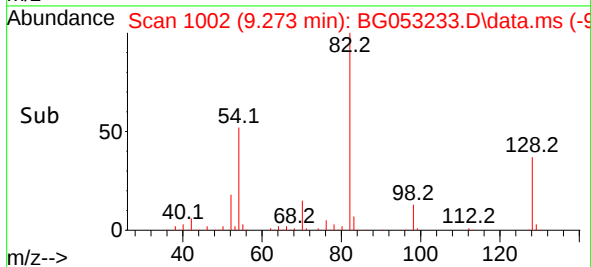
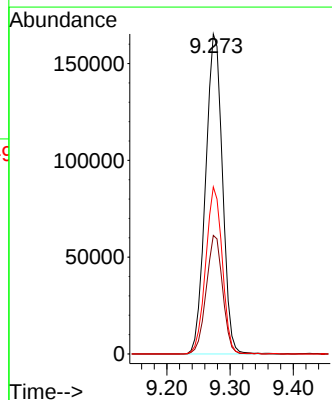
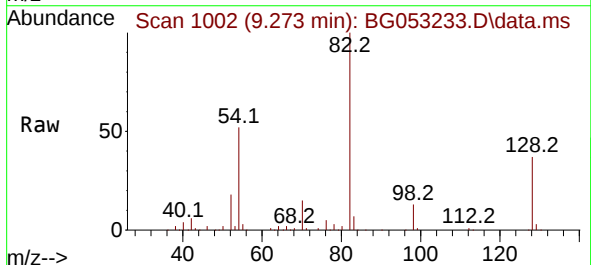
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.4	14.2
54	7.7	6.4	9.6
68	6.2	5.0	7.6

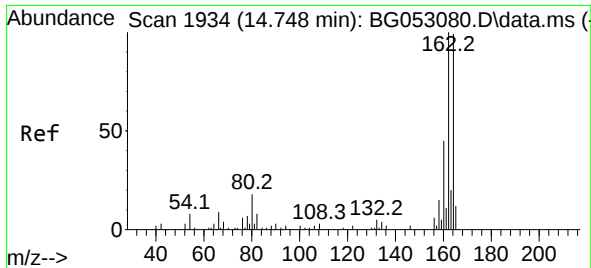


#23
Nitrobenzene-d5
Concen: 85.125 ng
RT: 9.273 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion: 82 Resp: 306170

Ion	Ratio	Lower	Upper
82	100		
128	37.0	31.3	46.9
54	52.2	37.8	56.8

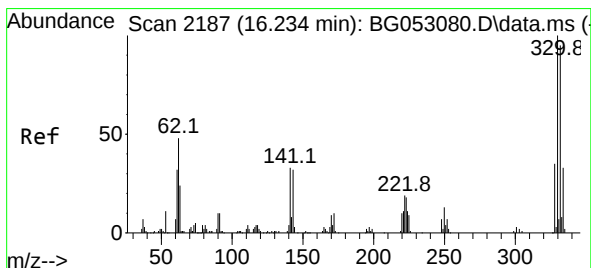
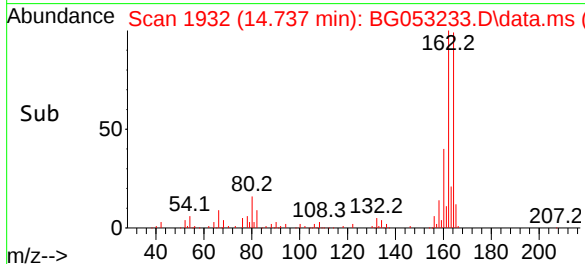
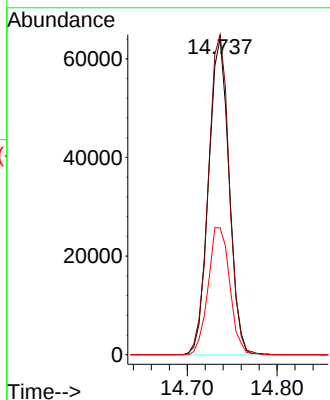
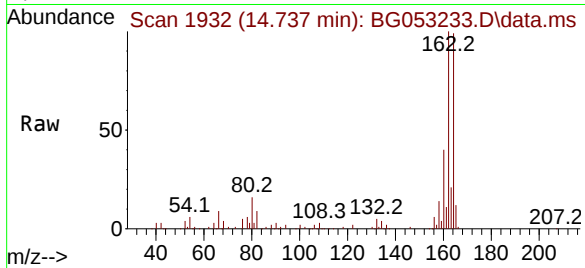




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1934
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

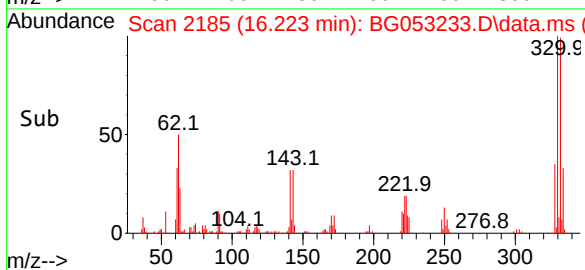
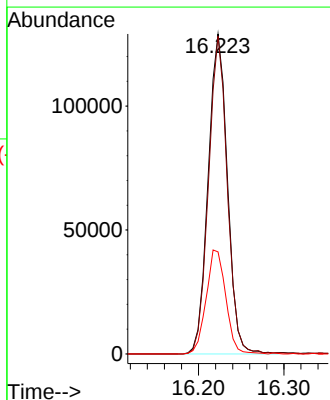
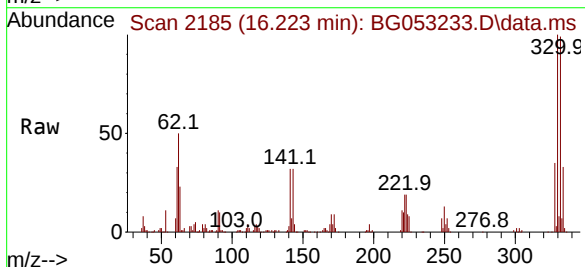
Instrument :
BNA_G
ClientSampleId :
SB-7085

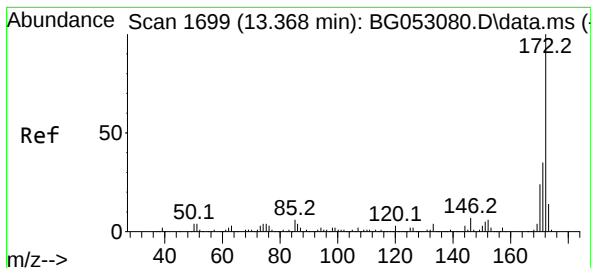
Tgt Ion:164 Resp: 101385
Ion Ratio Lower Upper
164 100
162 101.2 80.0 120.0
160 40.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 125.716 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:330 Resp: 202779
Ion Ratio Lower Upper
330 100
332 96.8 75.8 113.6
141 33.0 24.6 36.8

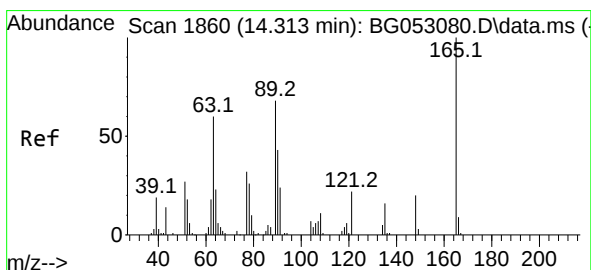
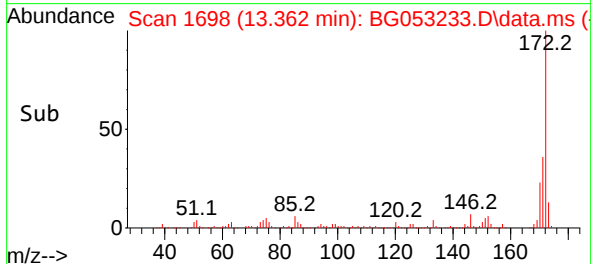
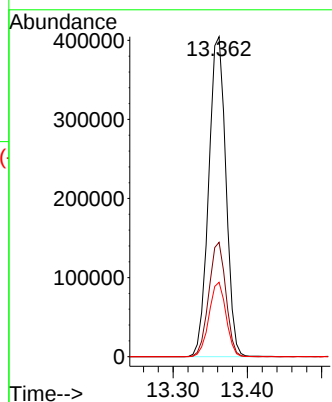
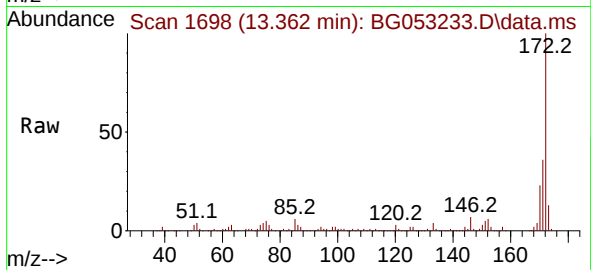




#45
2-Fluorobiphenyl
Concen: 88.592 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

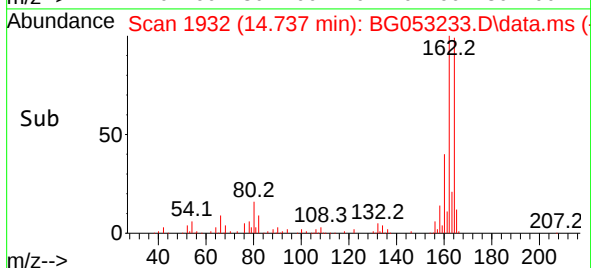
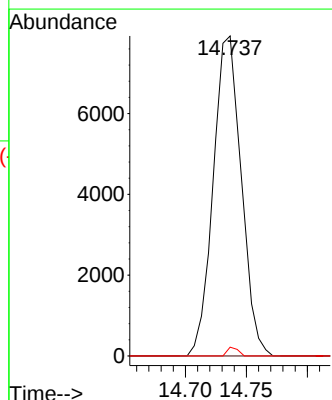
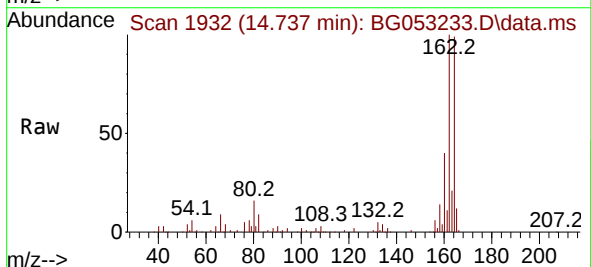
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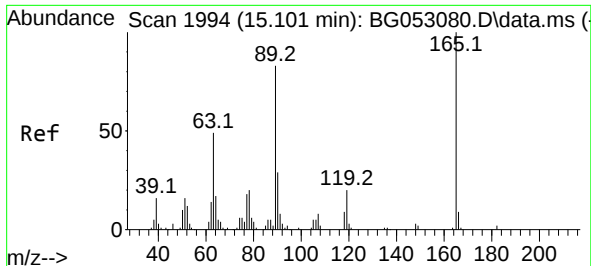
Tgt Ion:172 Resp: 651382
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.491 ng
RT: 14.737 min Scan# 1932
Delta R.T. 0.423 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:165 Resp: 12673
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.7 45.0 67.4#

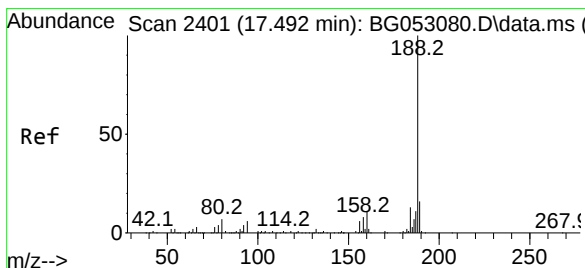
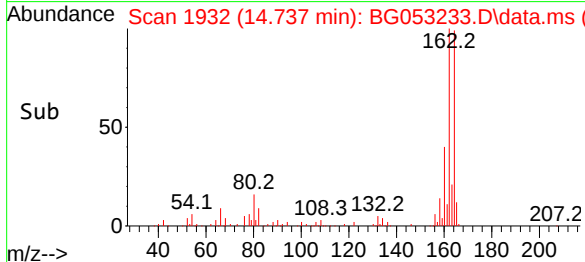
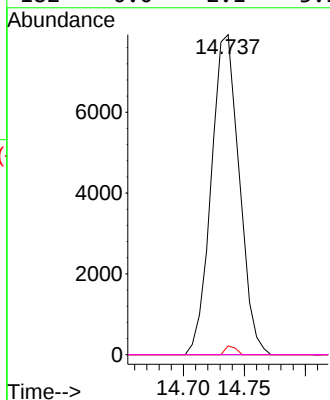
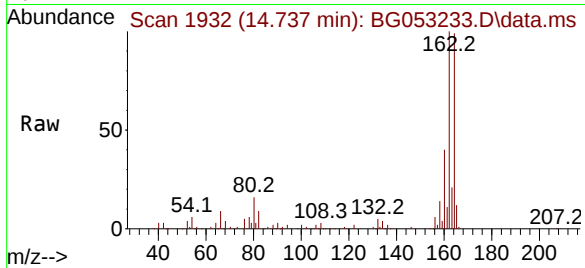




#57
2,4-Dinitrotoluene
Concen: 5.262 ng
RT: 14.737 min Scan# 1994
Delta R.T. -0.364 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

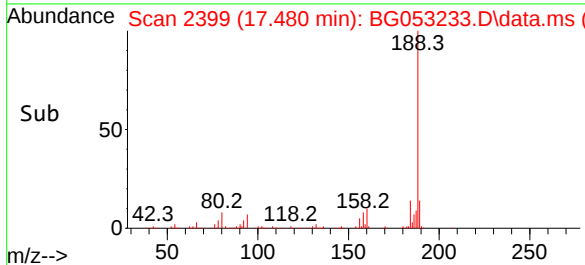
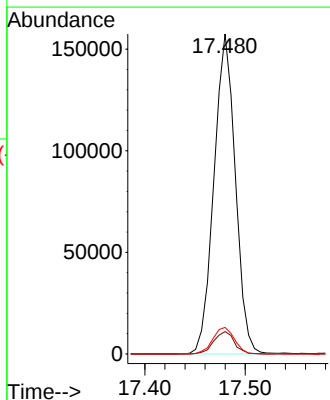
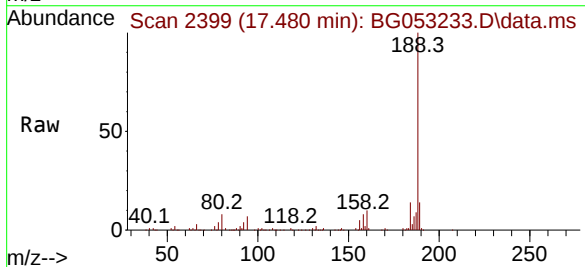
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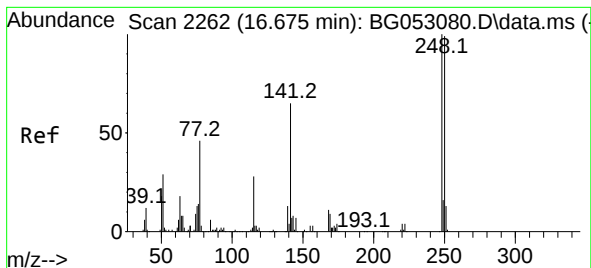
Tgt Ion:165 Resp: 12673
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.7 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:188 Resp: 232950
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 8.3 7.2 10.8

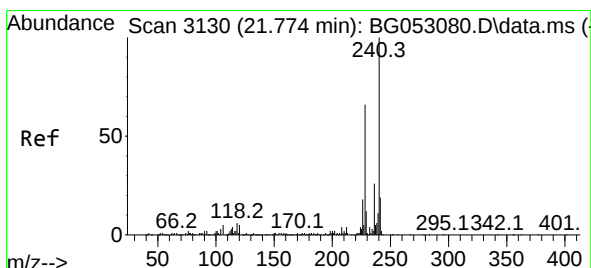
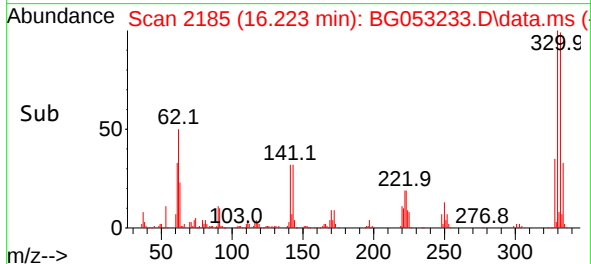
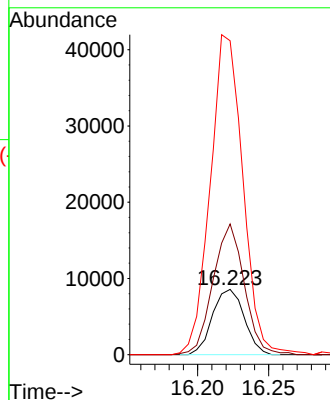
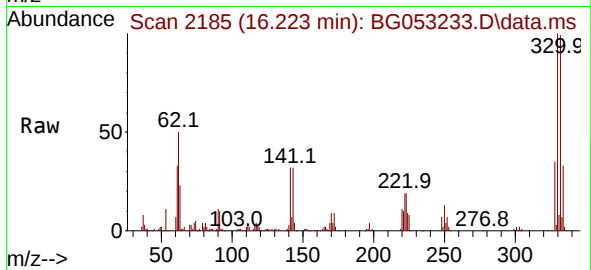




#67
4-Bromophenyl-phenylether
Concen: 4.464 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.452 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

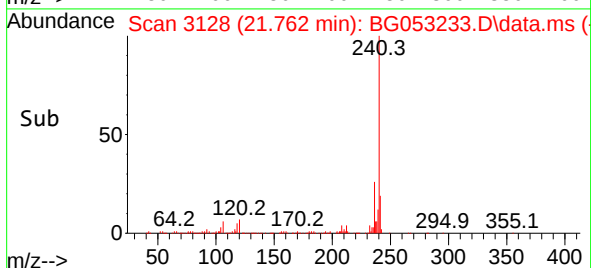
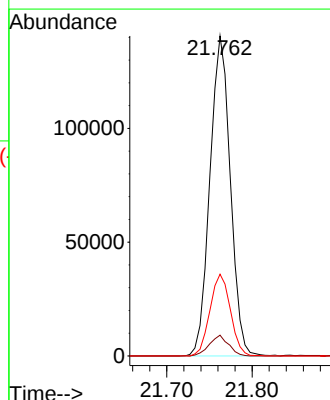
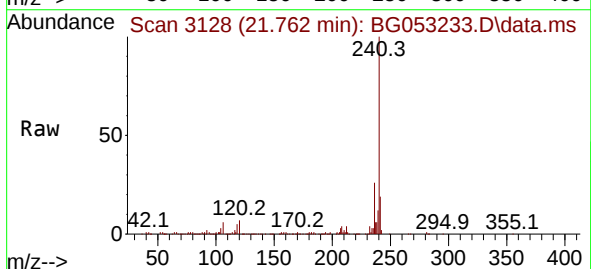
Instrument :
BNA_G
ClientSampleId :
SB-7085

Tgt Ion:248 Resp: 13324
Ion Ratio Lower Upper
248 100
250 200.4 77.9 116.9#
141 481.1 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:240 Resp: 233927
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.5 19.8 29.6

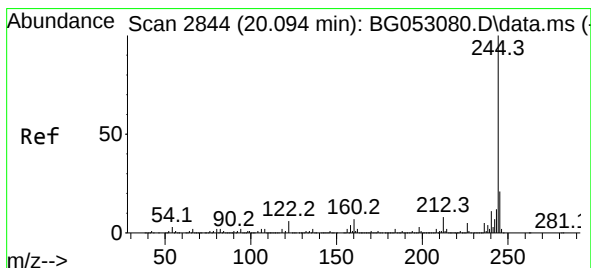
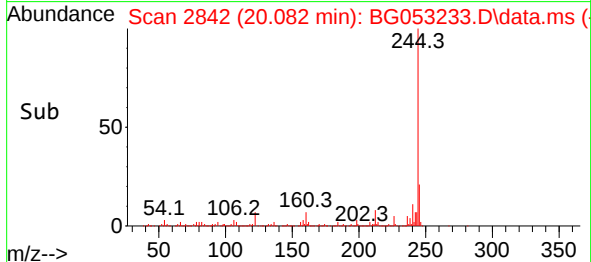
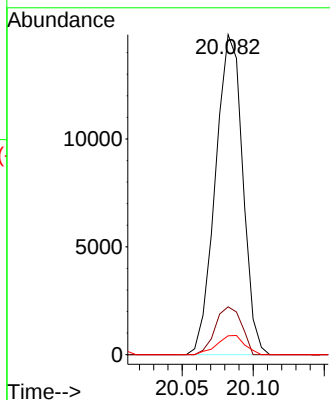
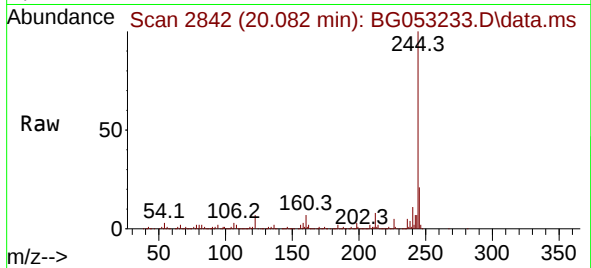




#77
Benzidine
Concen: 2.966 ng
RT: 20.082 min Scan# 2842
Delta R.T. 0.370 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

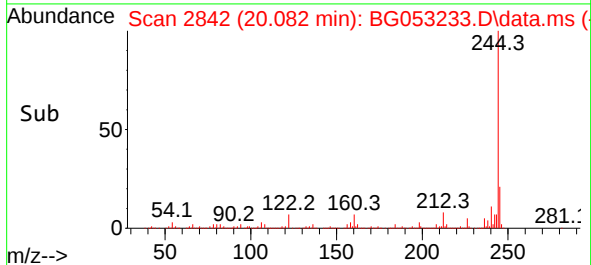
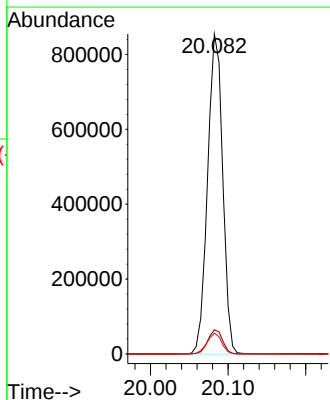
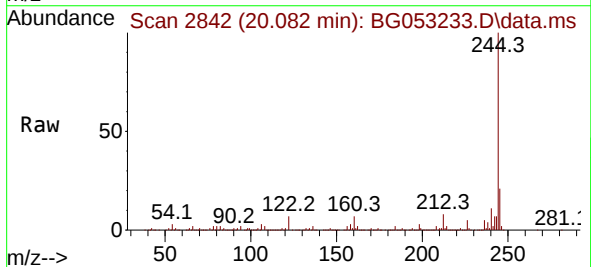
Instrument :
BNA_G
ClientSampleId :
SB-7085

Tgt Ion:184 Resp: 19794
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 5.9 9.4 14.2#



#79
Terphenyl-d14
Concen: 83.375 ng
RT: 20.082 min Scan# 2842
Delta R.T. -0.012 min
Lab File: BG053233.D
Acq: 21 Apr 2022 2:19

Tgt Ion:244 Resp: 1154818
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 30
 Delta R.T. -0.012 min
 Lab File: BG053233.D
 Acq: 21 Apr 2022 2:19

Instrument :
 BNA_G
 ClientSampleId :
 SB-7085

Tgt Ion:	264	Resp:	234061
Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.2
265	20.4	15.1	22.7

