

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053185.D
 Acq On : 18 Apr 2022 18:16
 Operator : CG/JU
 Sample : N2444-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-10

Quant Time: Apr 19 04:21:16 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)

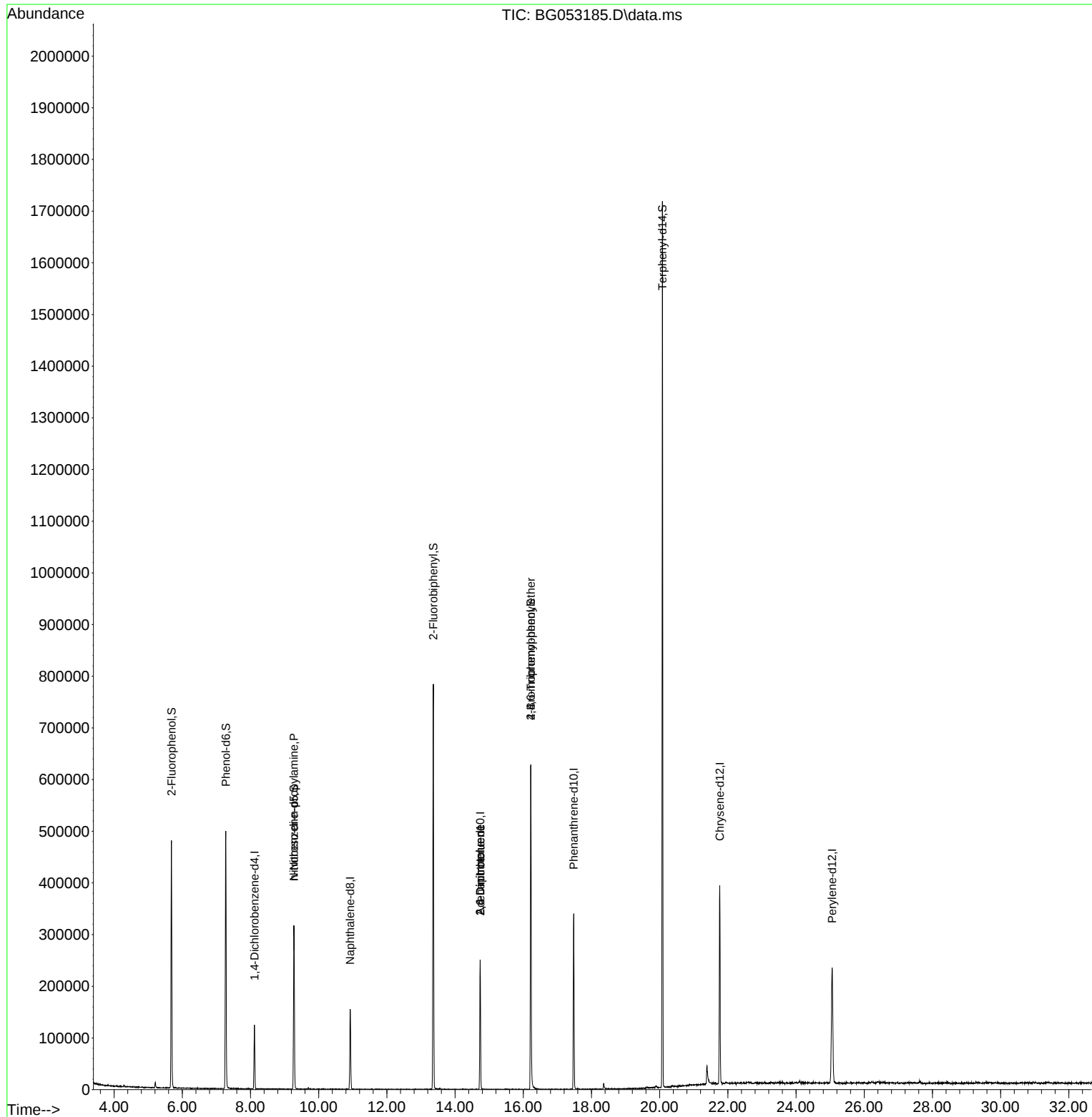
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	32370	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	127817	20.000	ng	-0.01
39) Acenaphthene-d10	14.738	164	91850	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	225082	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	261190	20.000	ng	#-0.01
86) Perylene-d12	25.059	264	259860	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	201250	106.574	ng	0.00
7) Phenol-d6	7.277	99	281253	96.582	ng	0.00
23) Nitrobenzene-d5	9.274	82	203033	64.497	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	139031	95.142	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	422109	63.369	ng	0.00
79) Terphenyl-d14	20.083	244	863547	55.839	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	27962	13.116	ng	# 72
51) 2,6-Dinitrotoluene	14.738	165	11701	7.635	ng	# 25
57) 2,4-Dinitrotoluene	14.738	165	11701	5.363	ng	# 24
67) 4-Bromophenyl-phenylether	16.224	248	8849	3.068	ng	# 1

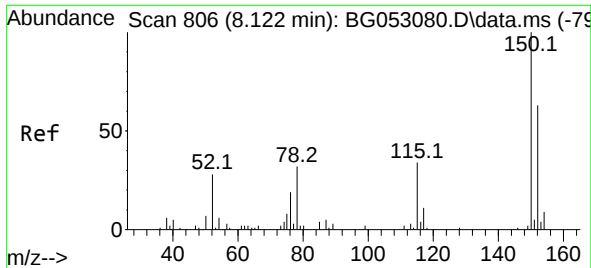
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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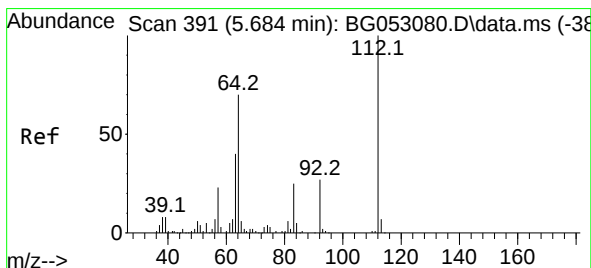
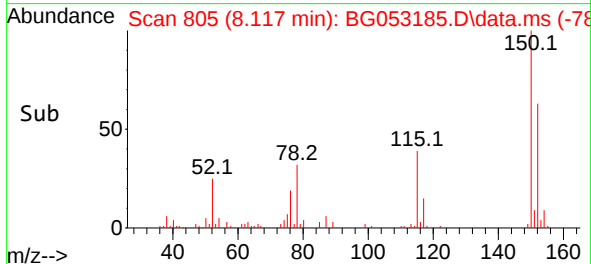
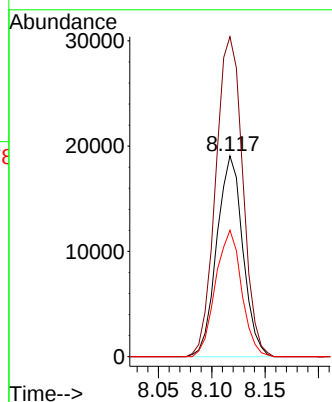
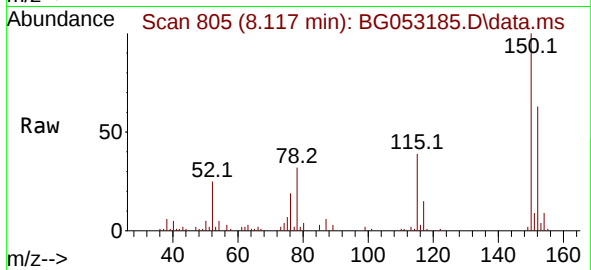




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

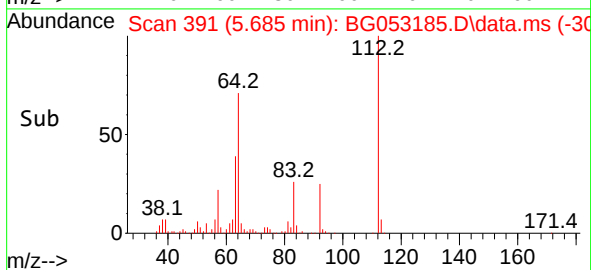
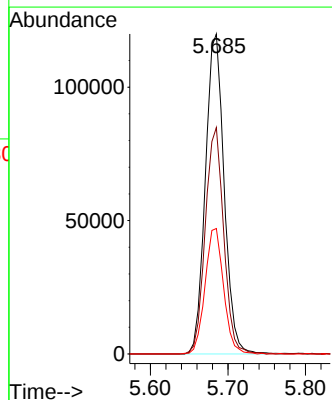
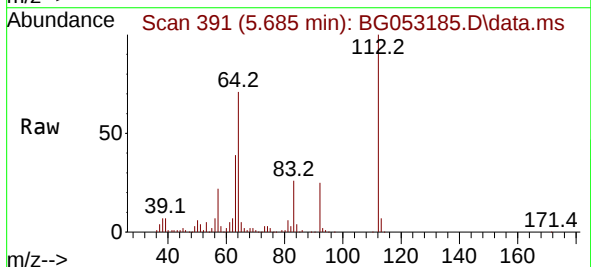
Instrument :
BNA_G
ClientSampleId :
SB-10

Tgt Ion:152 Resp: 32370
Ion Ratio Lower Upper
152 100
150 159.4 114.6 172.0
115 63.0 45.9 68.9



#5
2-Fluorophenol
Concen: 106.574 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion:112 Resp: 201250
Ion Ratio Lower Upper
112 100
64 70.8 48.0 72.0
63 39.2 26.5 39.7

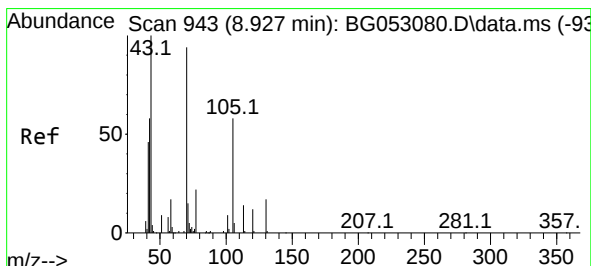
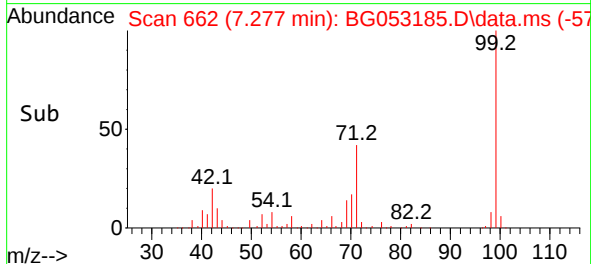
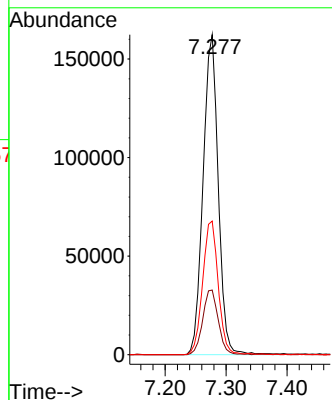
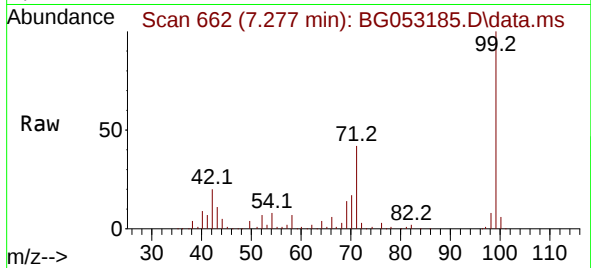




#7
Phenol-d6
Concen: 96.582 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

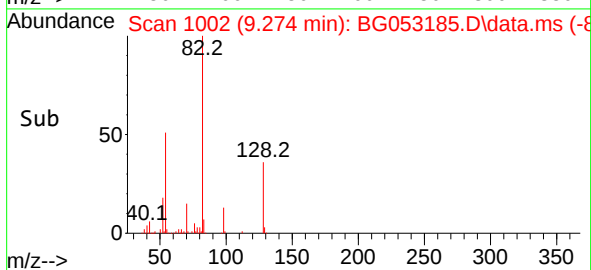
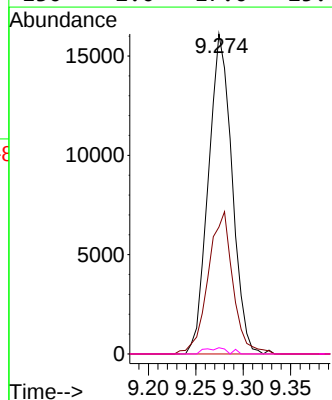
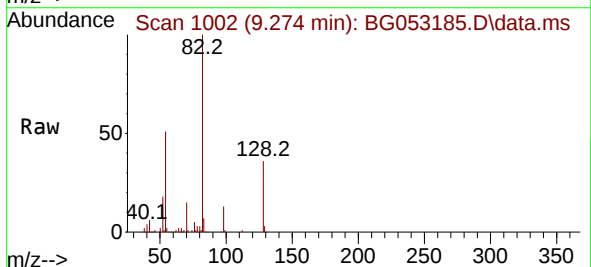
Instrument :
BNA_G
ClientSampleId :
SB-10

Tgt Ion: 99 Resp: 281253
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 41.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.116 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 70 Resp: 27962
Ion Ratio Lower Upper
70 100
42 39.7 46.0 69.0#
101 0.0 6.2 9.4#
130 2.0 17.0 25.4#

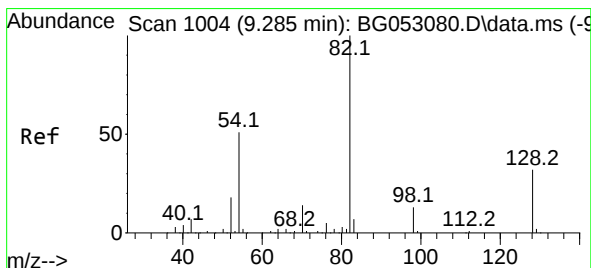
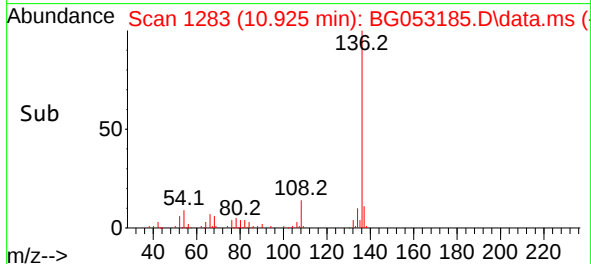
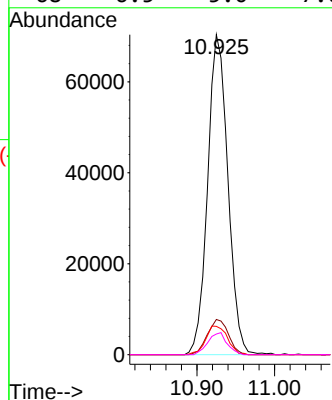
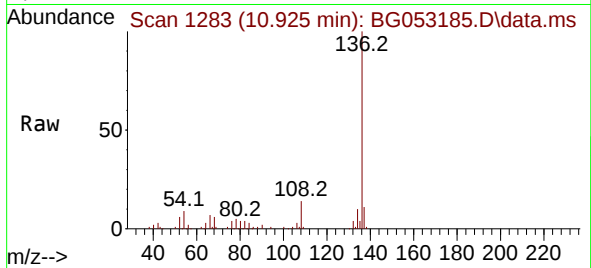




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

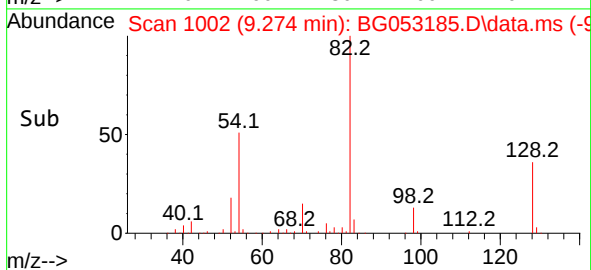
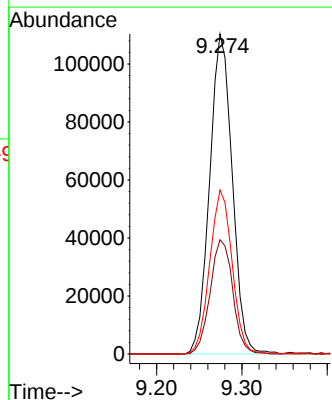
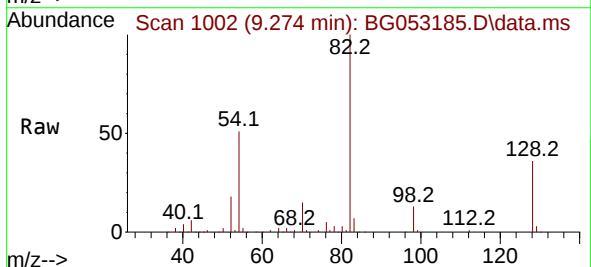
Instrument :
BNA_G
ClientSampleId :
SB-10

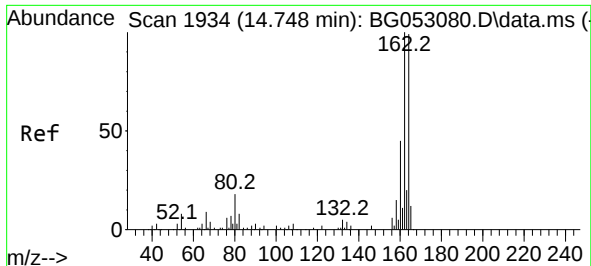
Tgt Ion:136 Resp: 127817
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 8.9 6.4 9.6
68 6.5 5.0 7.6



#23
Nitrobenzene-d5
Concen: 64.497 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion: 82 Resp: 203033
Ion Ratio Lower Upper
82 100
128 35.7 31.3 46.9
54 51.3 37.8 56.8

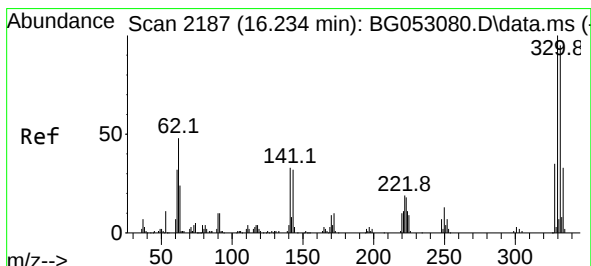
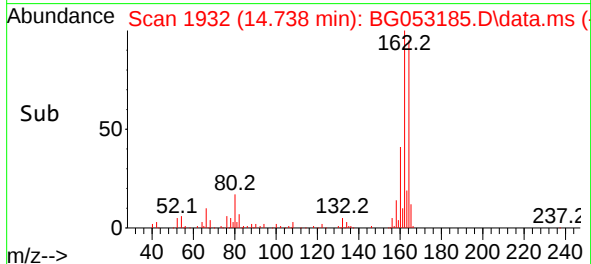
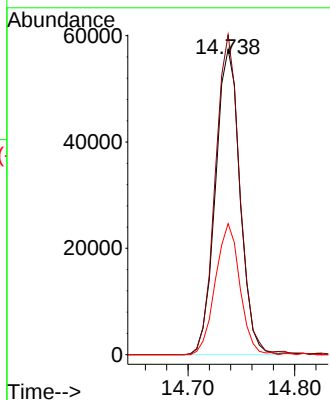
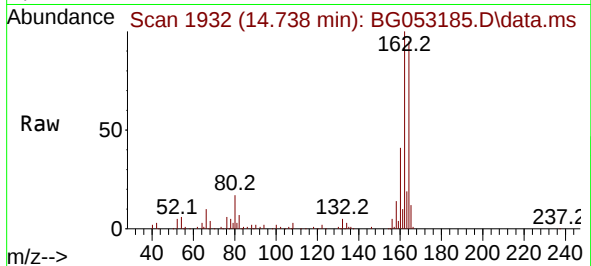




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

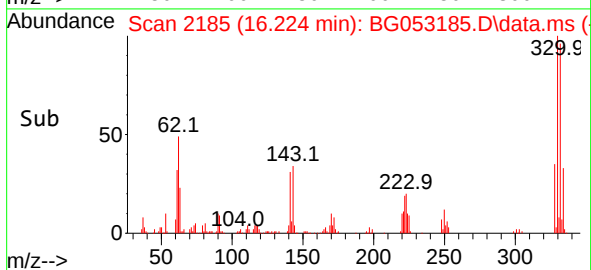
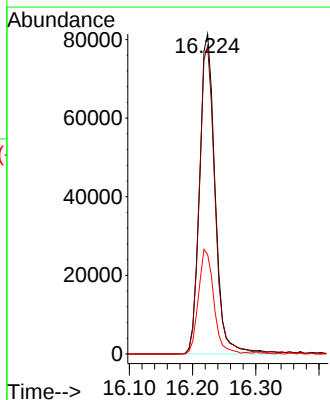
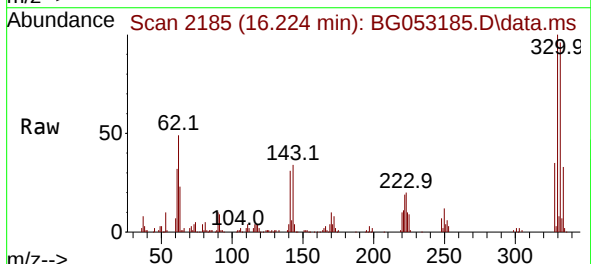
Instrument :
BNA_G
ClientSampleId :
SB-10

Tgt Ion:164 Resp: 91850
Ion Ratio Lower Upper
164 100
162 104.8 80.0 120.0
160 42.9 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 95.142 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion:330 Resp: 139031
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 32.5 24.6 36.8

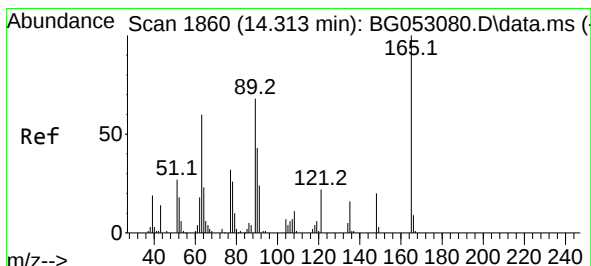
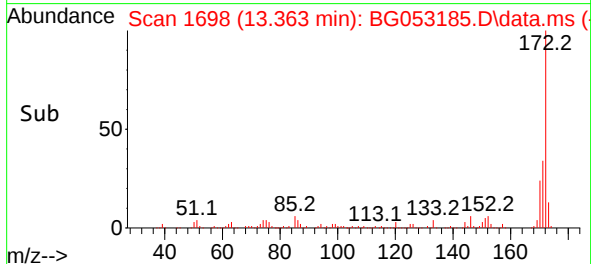
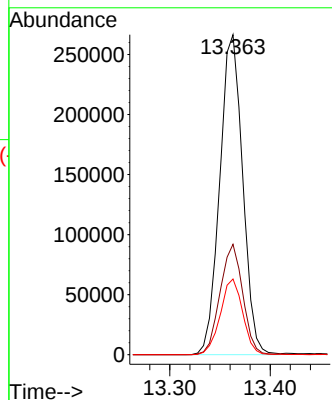
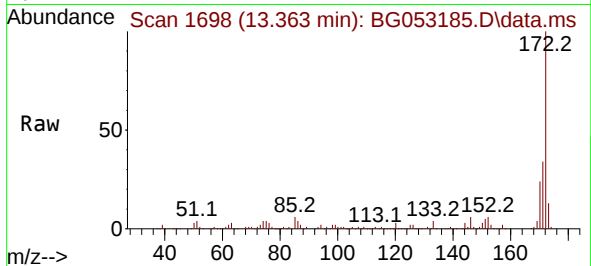




#45
2-Fluorobiphenyl
Concen: 63.369 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

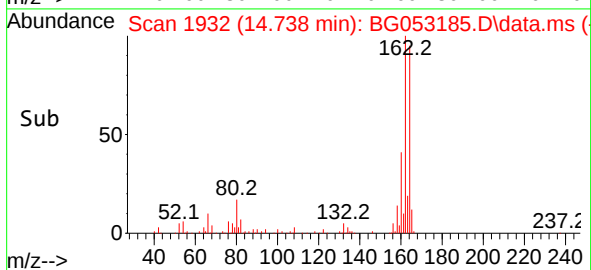
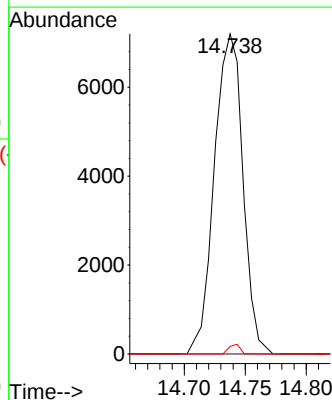
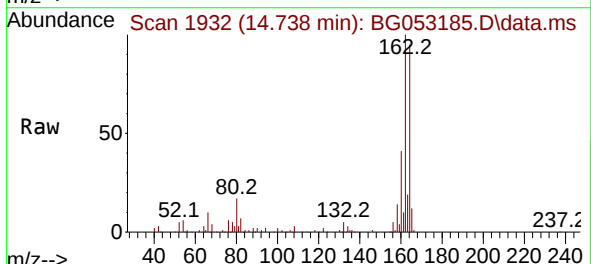
Instrument :
BNA_G
ClientSampleId :
SB-10

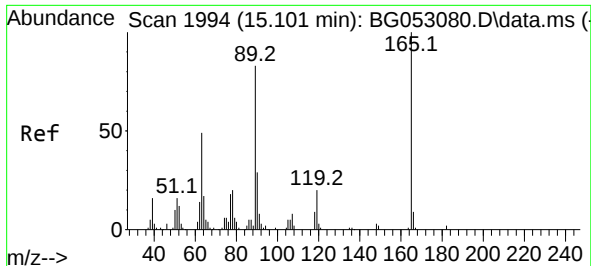
Tgt Ion:172 Resp: 422109
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.7 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.635 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion:165 Resp: 11701
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.3 45.0 67.4#

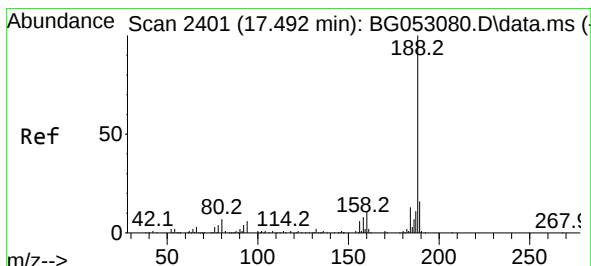
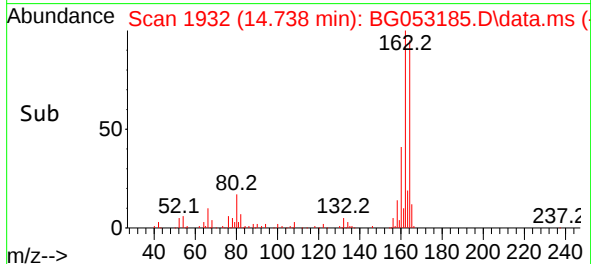
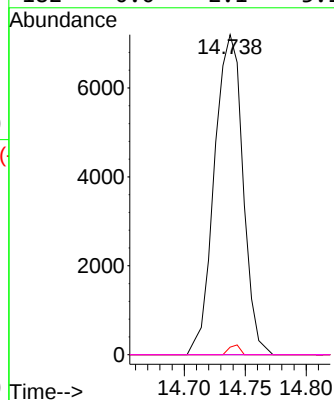
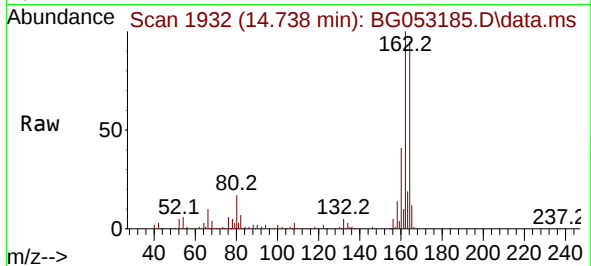




#57
2,4-Dinitrotoluene
Concen: 5.363 ng
RT: 14.738 min Scan# 1994
Delta R.T. -0.363 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

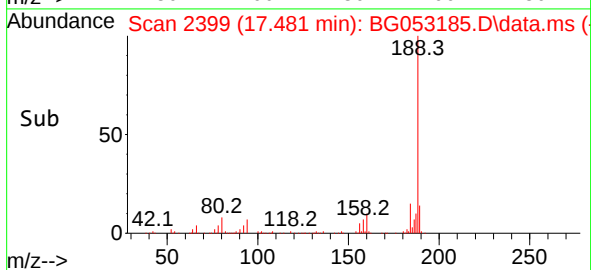
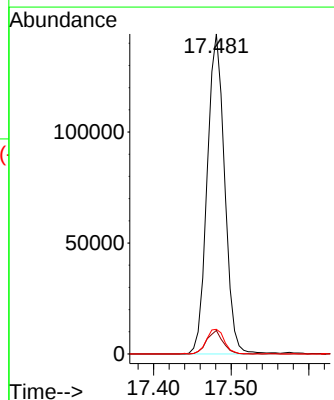
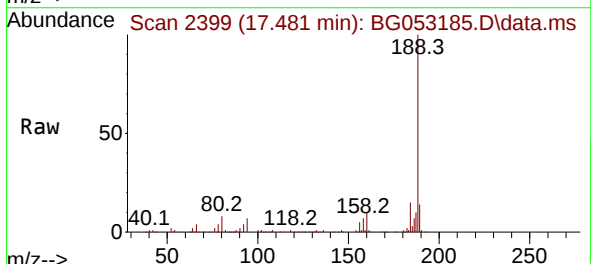
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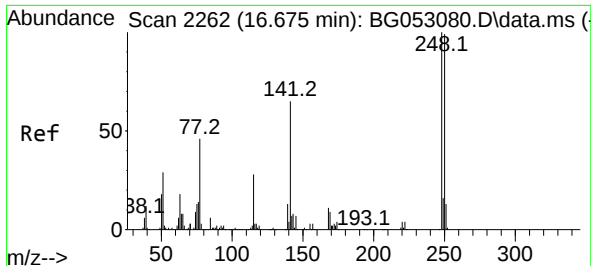
Tgt Ion:165 Resp: 11701
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.3 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2399
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion:188 Resp: 225082
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 7.7 7.2 10.8

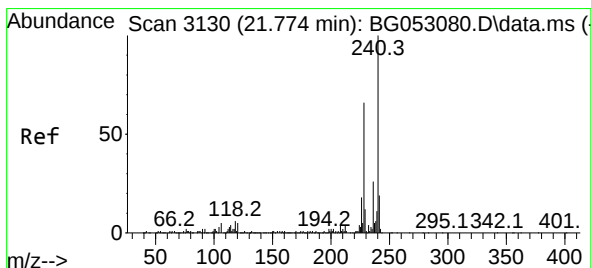
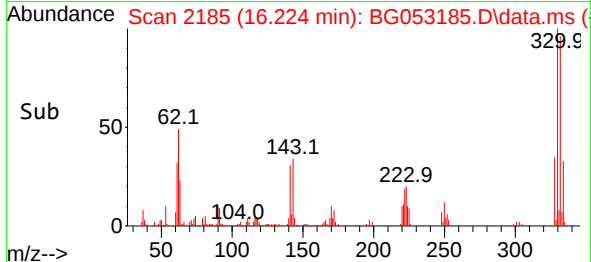
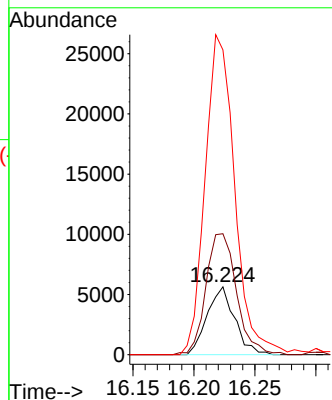
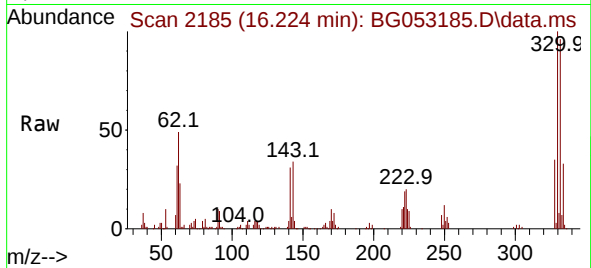




#67
4-Bromophenyl-phenylether
Concen: 3.068 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.451 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

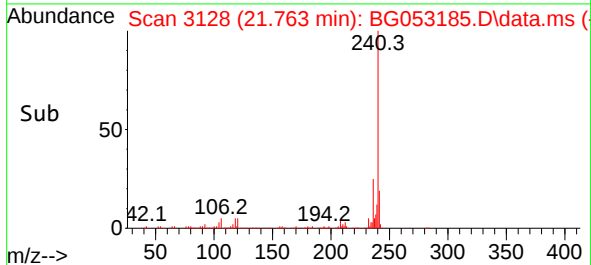
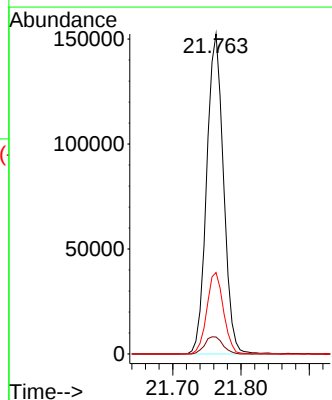
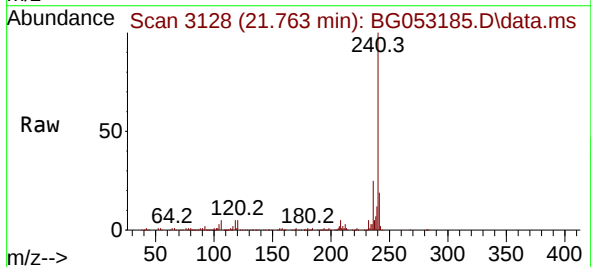
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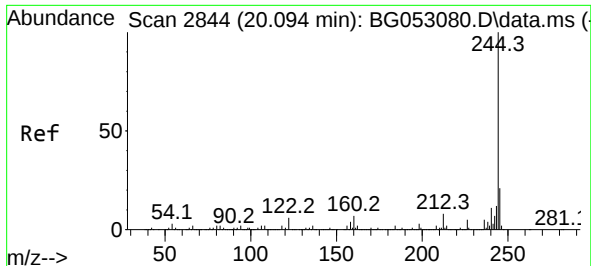
Tgt Ion:248 Resp: 8849
Ion Ratio Lower Upper
248 100
250 178.1 77.9 116.9#
141 449.2 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053185.D
Acq: 18 Apr 2022 18:16

Tgt Ion:240 Resp: 261190
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.0#
236 25.5 19.8 29.6

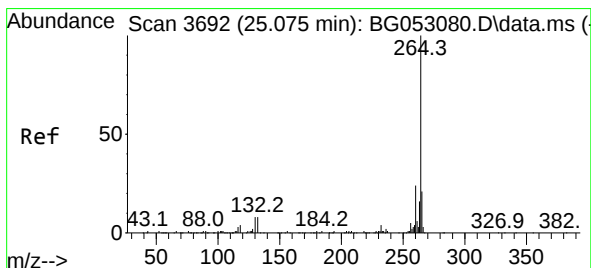
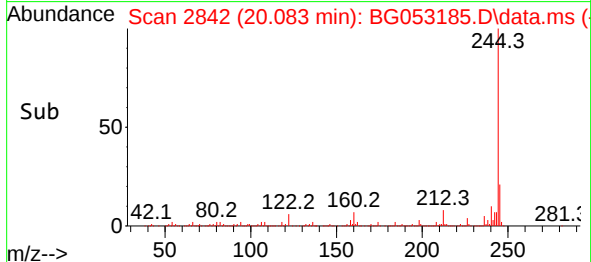
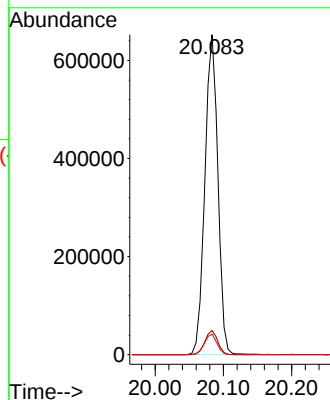
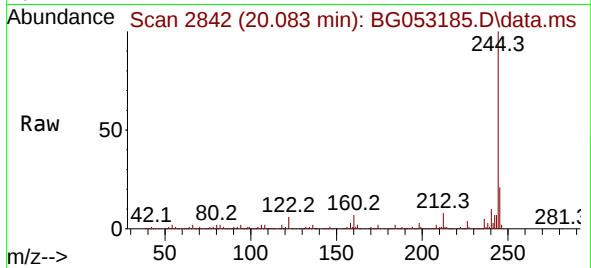




#79
 Terphenyl-d14
 Concen: 55.839 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053185.D
 Acq: 18 Apr 2022 18:16

Instrument :
 BNA_G
 ClientSampleId :
 SB-10

Tgt Ion:244 Resp: 863547
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.059 min Scan# 3689
 Delta R.T. -0.017 min
 Lab File: BG053185.D
 Acq: 18 Apr 2022 18:16

Tgt Ion:264 Resp: 259860
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 22.0 15.1 22.7

