

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042722\
 Data File : BG053358.D
 Acq On : 28 Apr 2022 3:14
 Operator : CG/JU
 Sample : SP5883
 Misc : 8270 SURROGATE
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP5883

Quant Time: Apr 28 06:41:58 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)

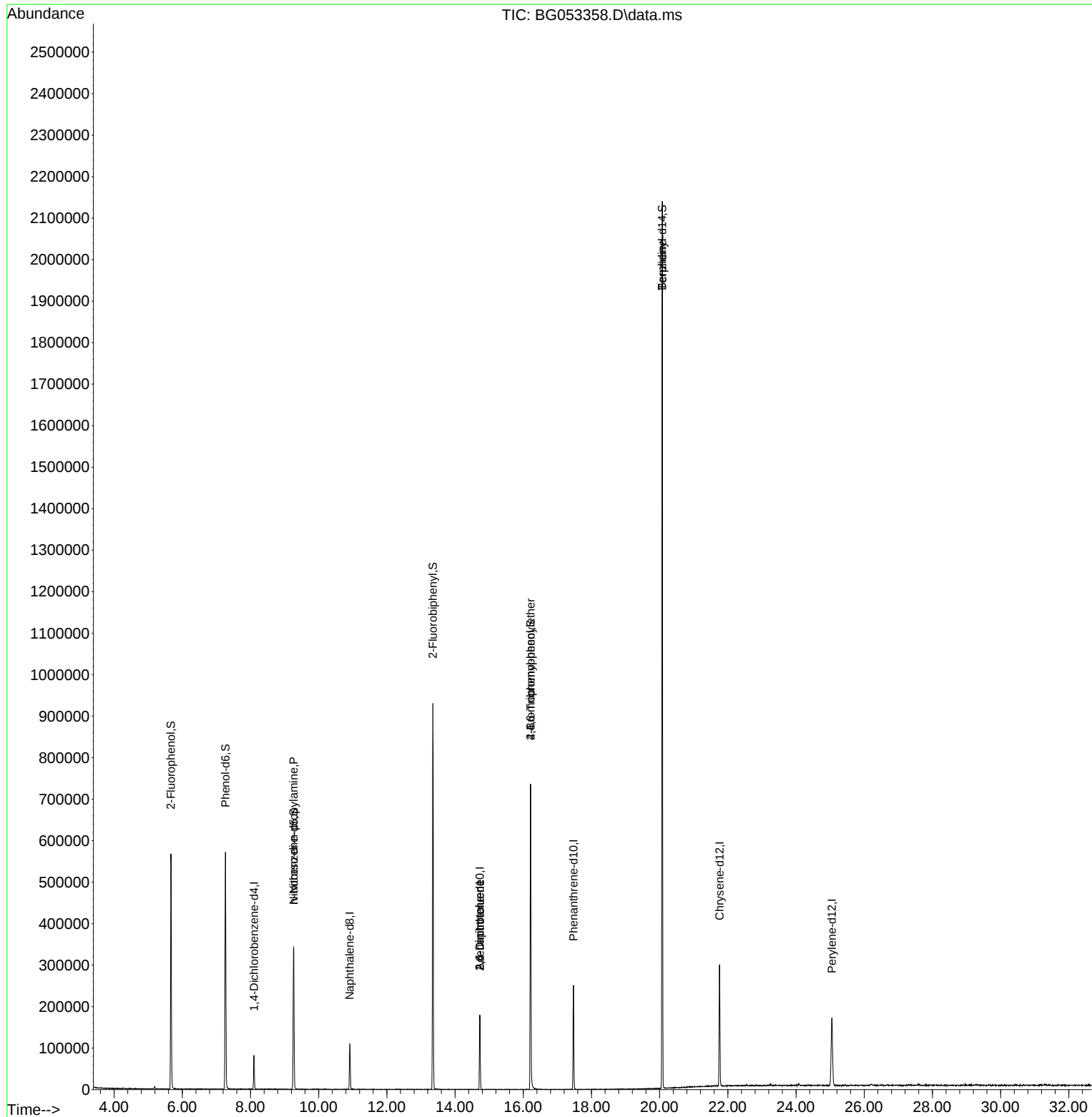
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	23656	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	91626	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	67213	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	164901	20.000	ng	0.00
76) Chrysene-d12	21.757	240	192338	20.000	ng	0.00
86) Perylene-d12	25.052	264	193113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	233764	169.392	ng	0.00
7) Phenol-d6	7.264	99	329450	154.807	ng	0.00
23) Nitrobenzene-d5	9.268	82	228741	101.365	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	158434	148.162	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	498810	102.333	ng	0.00
79) Terphenyl-d14	20.077	244	1069116	93.878	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	32438	20.820	ng	# 73
51) 2,6-Dinitrotoluene	14.725	165	8924	7.957	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	8924	5.589	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	10914	5.165	ng	# 1
77) Benzidine	20.077	184	17890	3.260	ng	# 91

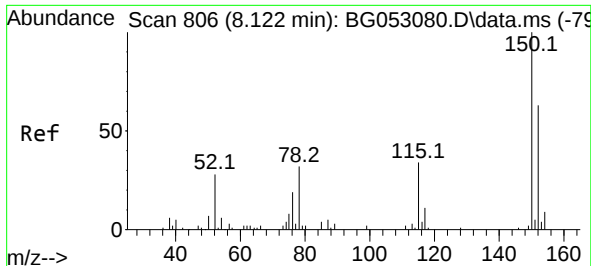
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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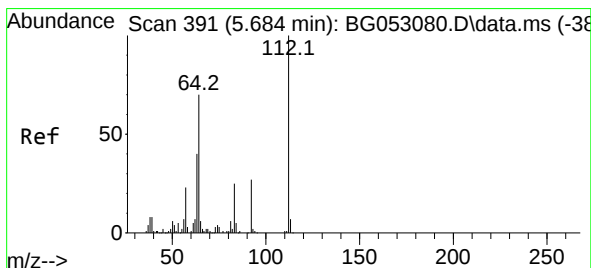
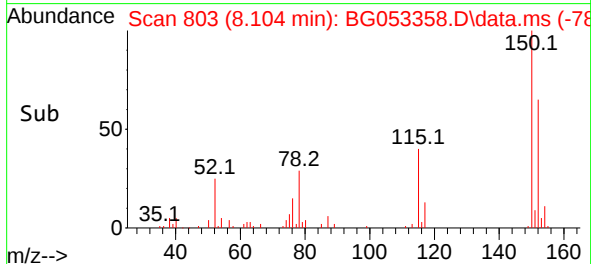
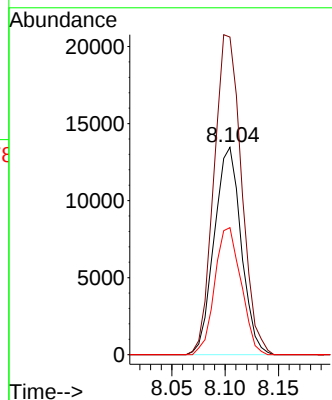
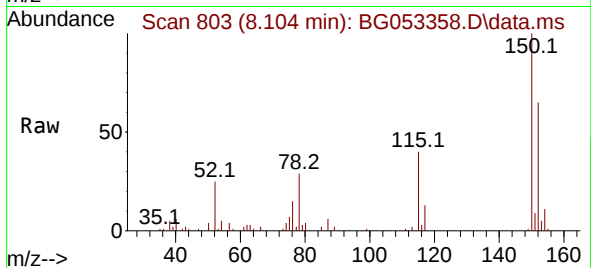




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

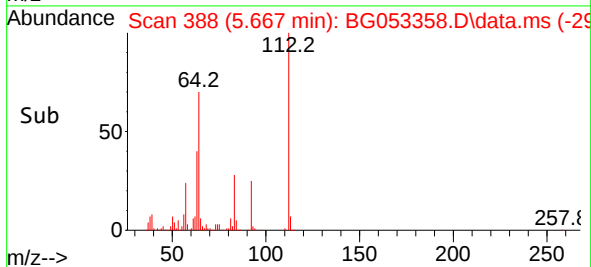
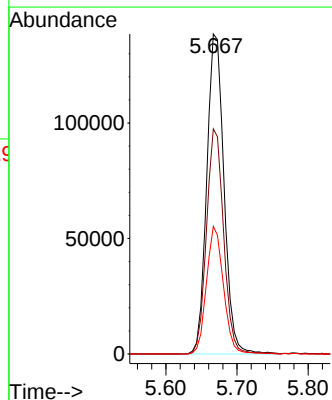
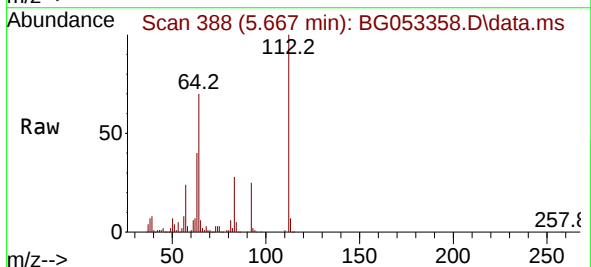
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:152 Resp: 23656
Ion Ratio Lower Upper
152 100
150 153.1 114.6 172.0
115 61.2 45.9 68.9



#5
2-Fluorophenol
Concen: 169.392 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion:112 Resp: 233764
Ion Ratio Lower Upper
112 100
64 70.4 48.0 72.0
63 39.8 26.5 39.7#

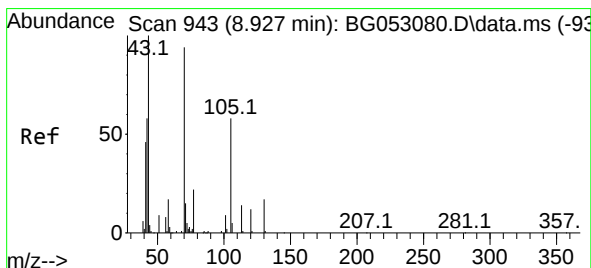
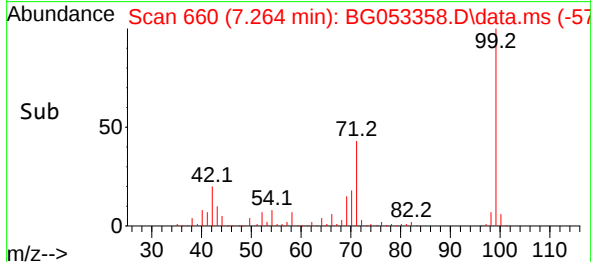
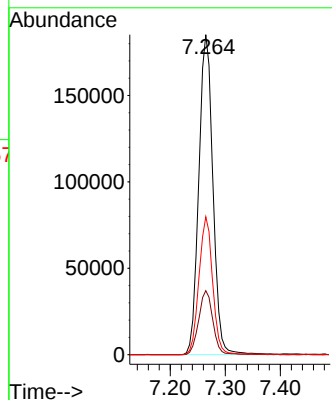
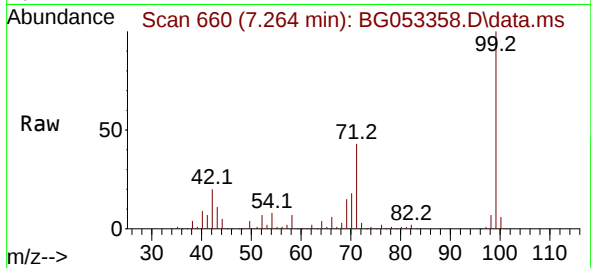




#7
Phenol-d6
Concen: 154.807 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

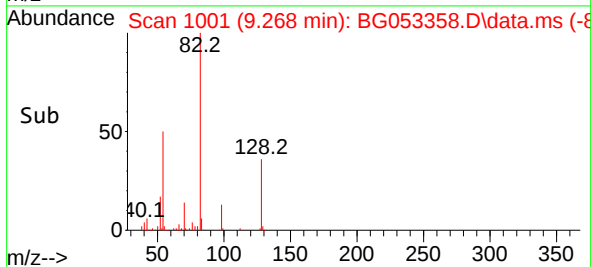
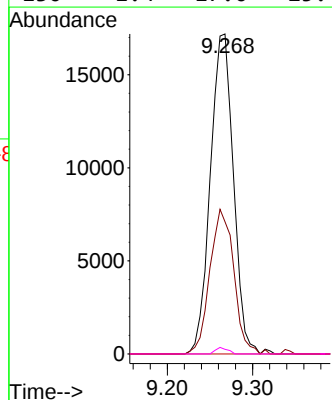
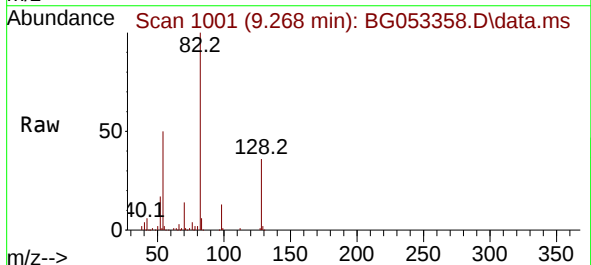
Instrument :
BNA_G
ClientSampleId :
SP5883

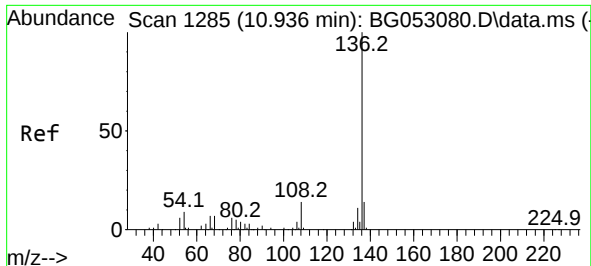
Tgt Ion: 99 Resp: 329450
Ion Ratio Lower Upper
99 100
42 20.0 14.7 22.1
71 43.1 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.820 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion: 70 Resp: 32438
Ion Ratio Lower Upper
70 100
42 41.3 46.0 69.0#
101 0.0 6.2 9.4#
130 1.4 17.0 25.4#

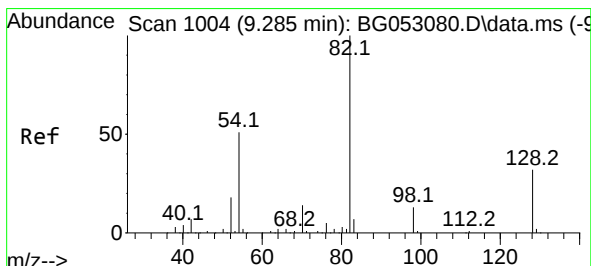
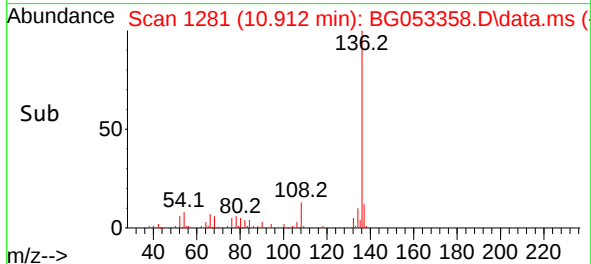
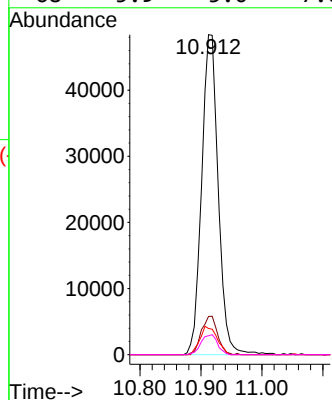
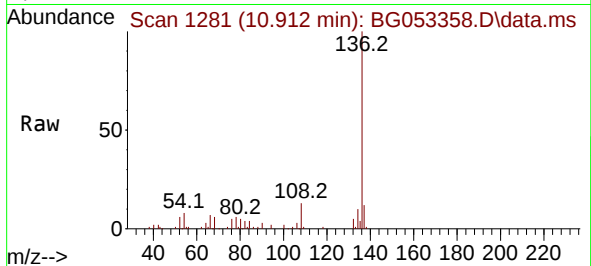




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

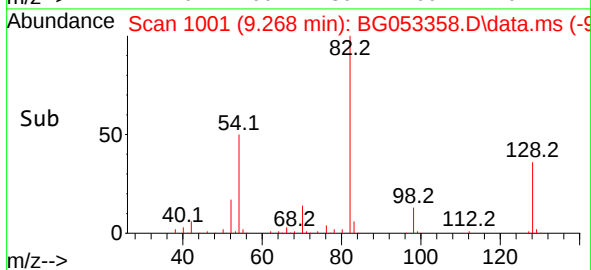
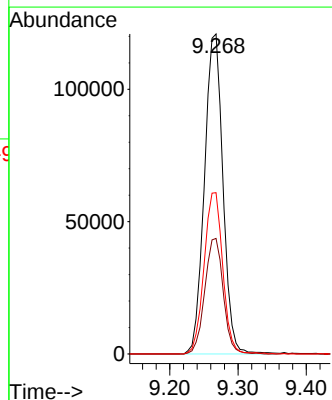
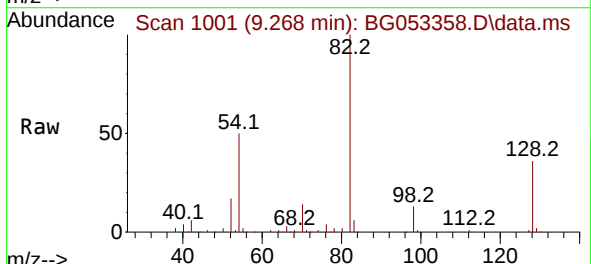
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:136	Resp:	91626
Ion Ratio	Lower	Upper
136	100	
137	11.9	9.4 14.2
54	8.2	6.4 9.6
68	5.9	5.0 7.6



#23
Nitrobenzene-d5
Concen: 101.365 ng
RT: 9.268 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion: 82	Resp:	228741
Ion Ratio	Lower	Upper
82	100	
128	36.1	31.3 46.9
54	50.4	37.8 56.8

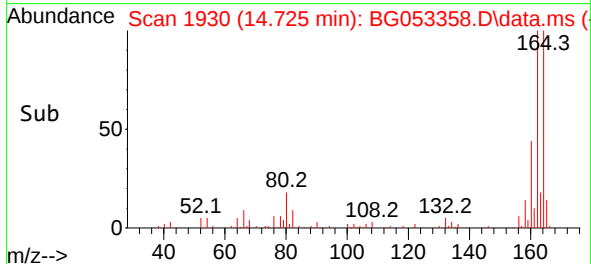
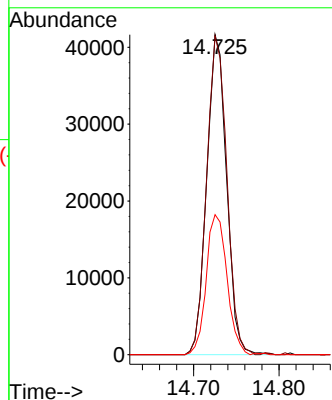
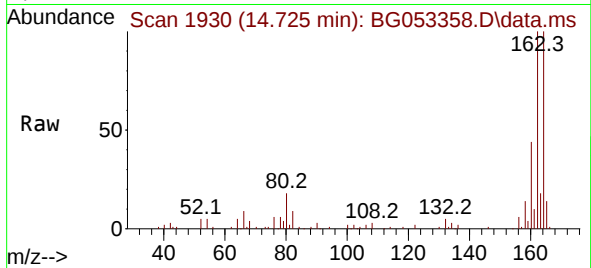




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

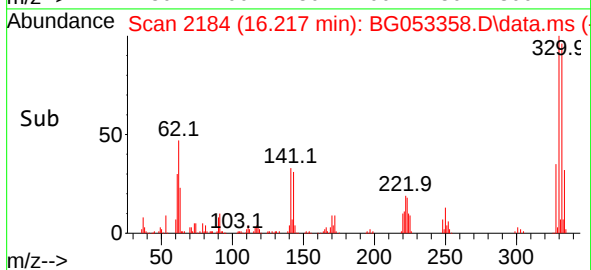
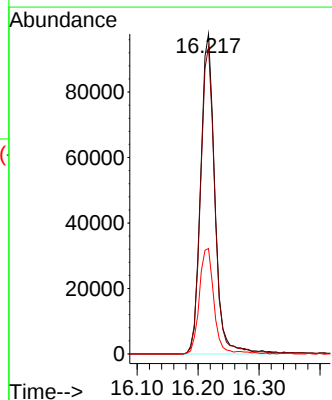
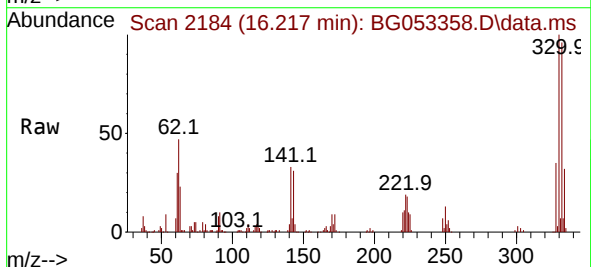
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:164 Resp: 67213
Ion Ratio Lower Upper
164 100
162 99.6 80.0 120.0
160 43.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 148.162 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion:330 Resp: 158434
Ion Ratio Lower Upper
330 100
332 96.5 75.8 113.6
141 34.1 24.6 36.8

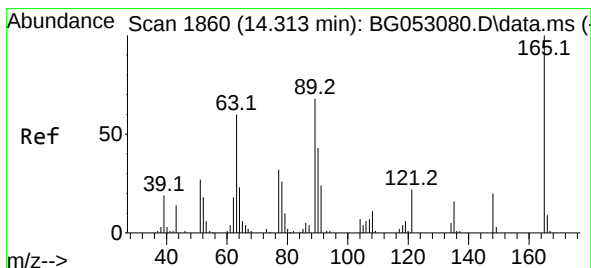
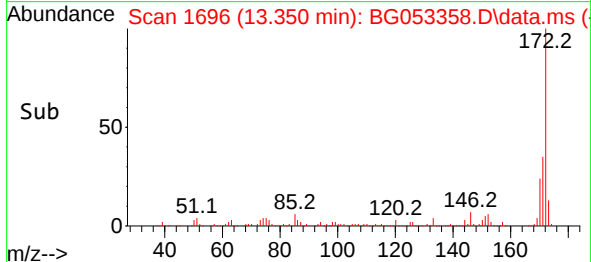
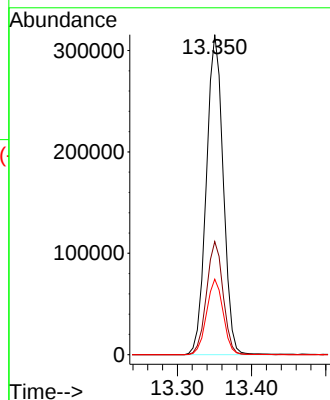
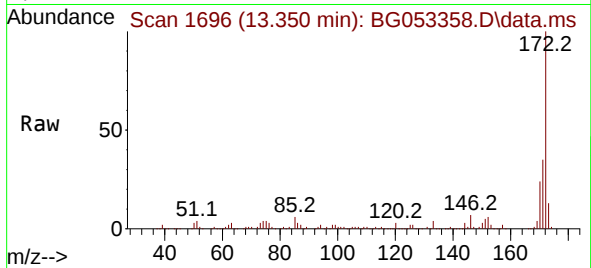




#45
2-Fluorobiphenyl
Concen: 102.333 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

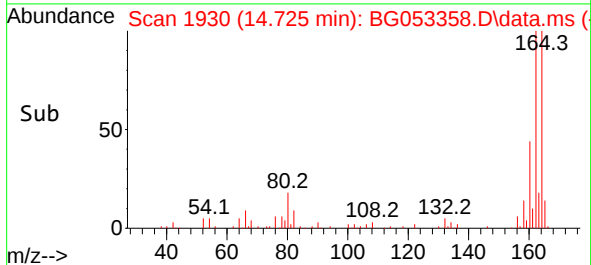
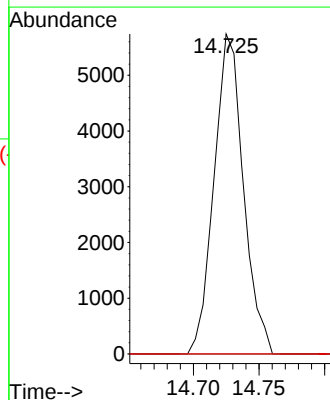
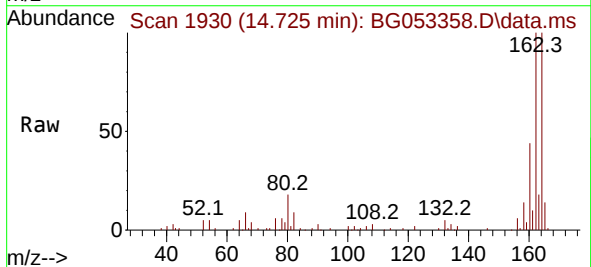
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:172 Resp: 498810
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.6 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.957 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion:165 Resp: 8924
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

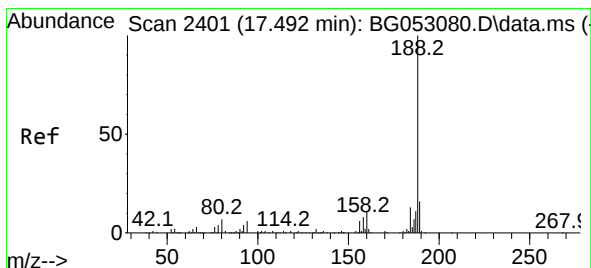
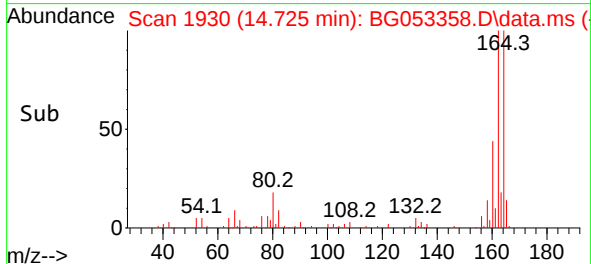
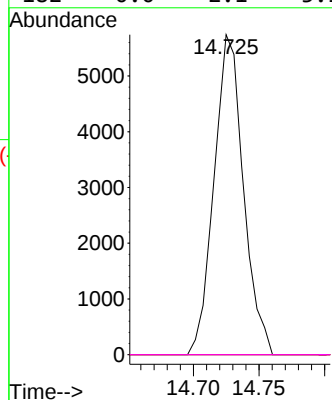
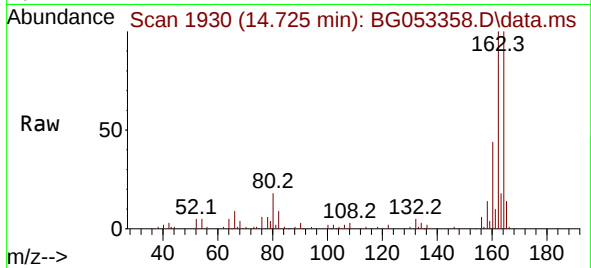




#57
2,4-Dinitrotoluene
Concen: 5.589 ng
RT: 14.725 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

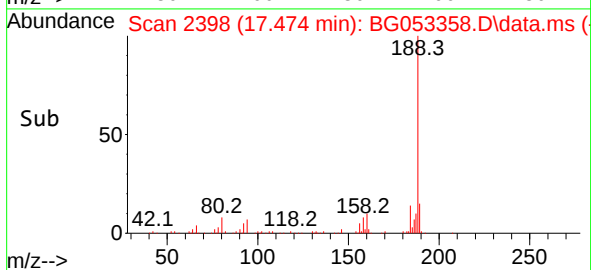
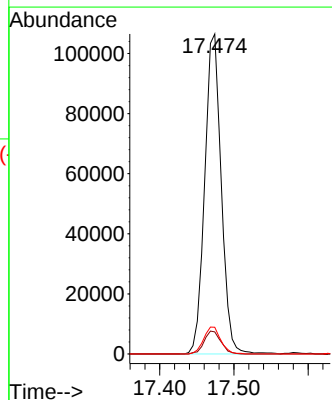
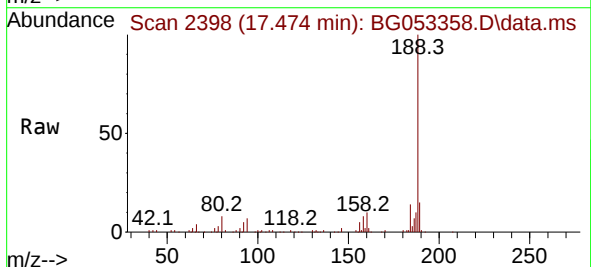
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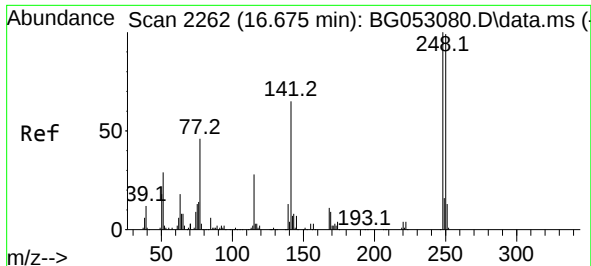
Tgt Ion:165 Resp: 8924
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 2398
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion:188 Resp: 164901
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.4 7.2 10.8

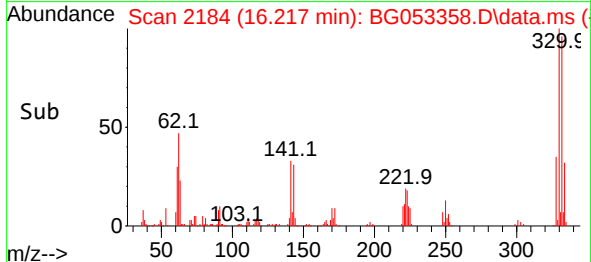
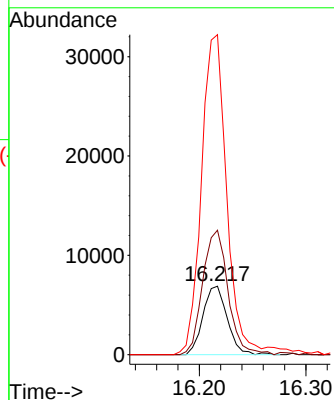
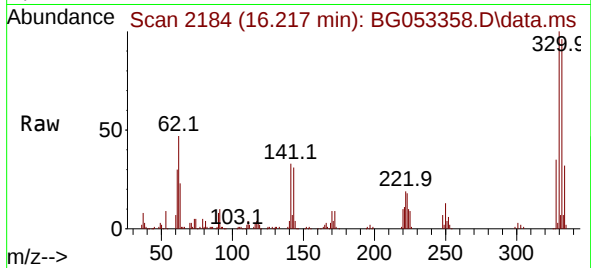




#67
4-Bromophenyl-phenylether
Concen: 5.165 ng
RT: 16.217 min Scan# 2118
Delta R.T. -0.444 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

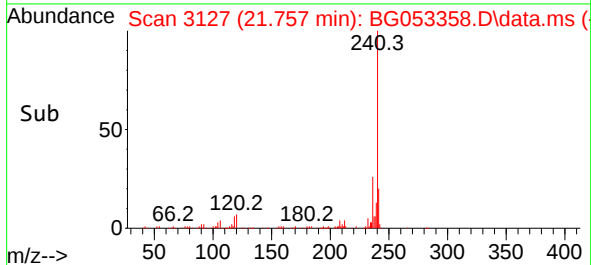
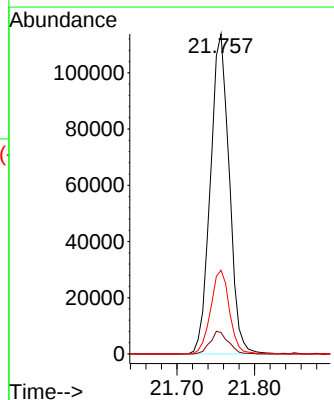
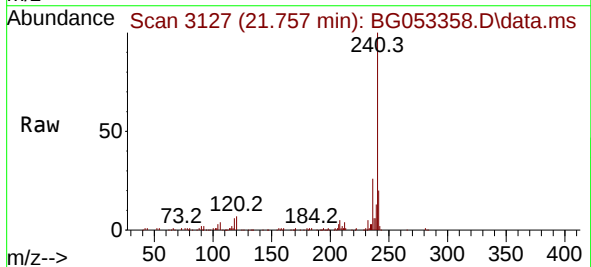
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:248 Resp: 10914
Ion Ratio Lower Upper
248 100
250 181.8 77.9 116.9#
141 467.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

Tgt Ion:240 Resp: 192338
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 26.2 19.8 29.6

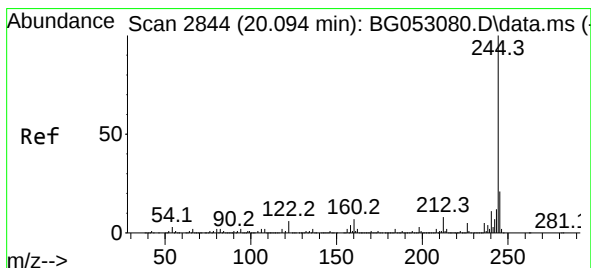
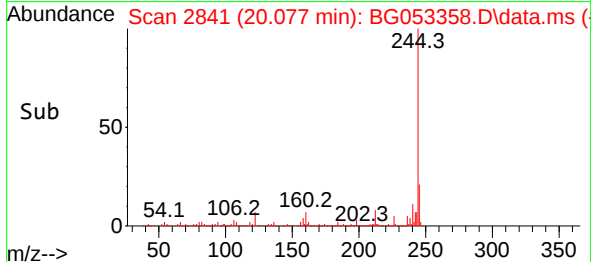
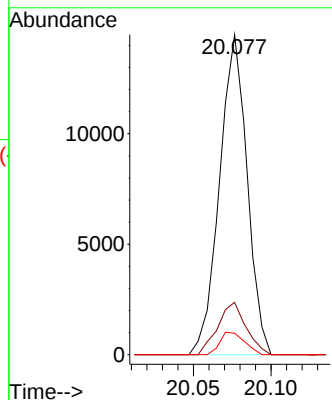
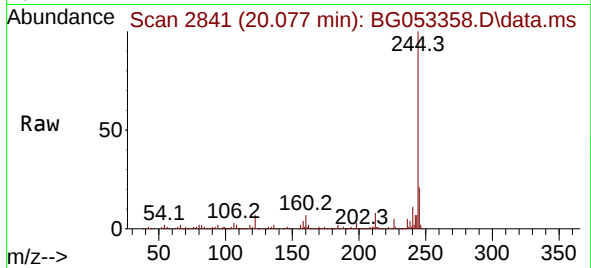




#77
Benzidine
Concen: 3.260 ng
RT: 20.077 min Scan# 2841
Delta R.T. 0.373 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

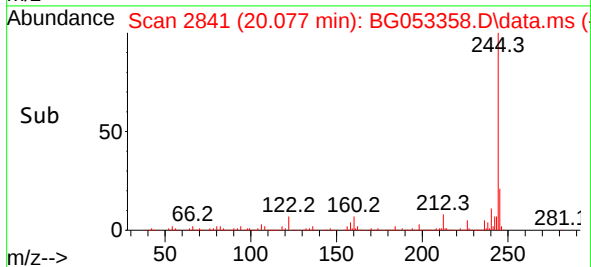
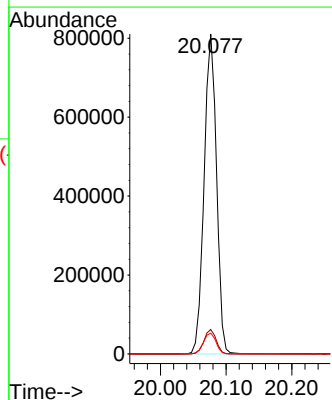
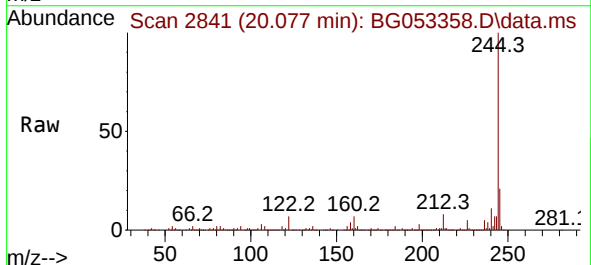
Instrument :
BNA_G
ClientSampleId :
SP5883

Tgt Ion:184 Resp: 17890
Ion Ratio Lower Upper
184 100
185 16.3 11.5 17.3
183 6.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 93.878 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053358.D
Acq: 28 Apr 2022 3:14

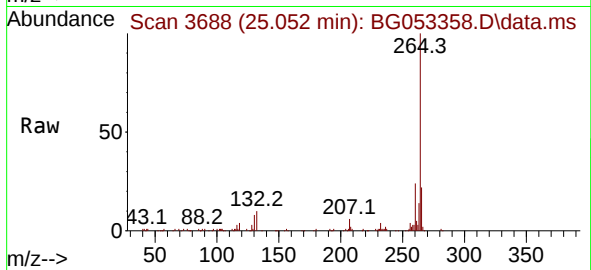
Tgt Ion:244 Resp: 1069116
Ion Ratio Lower Upper
244 100
212 7.7 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 30
 Delta R.T. -0.009 min
 Lab File: BG053358.D
 Acq: 28 Apr 2022 3:14

Instrument :
 BNA_G
 ClientSampleId :
 SP5883



Tgt Ion:264 Resp: 193113
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.2 27.2
 265 21.8 15.1 22.7

