

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042822\
 Data File : BG053361.D
 Acq On : 28 Apr 2022 11:27
 Operator : CG/JU
 Sample : PB144408BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144408BL

Quant Time: Apr 29 03:21:03 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)

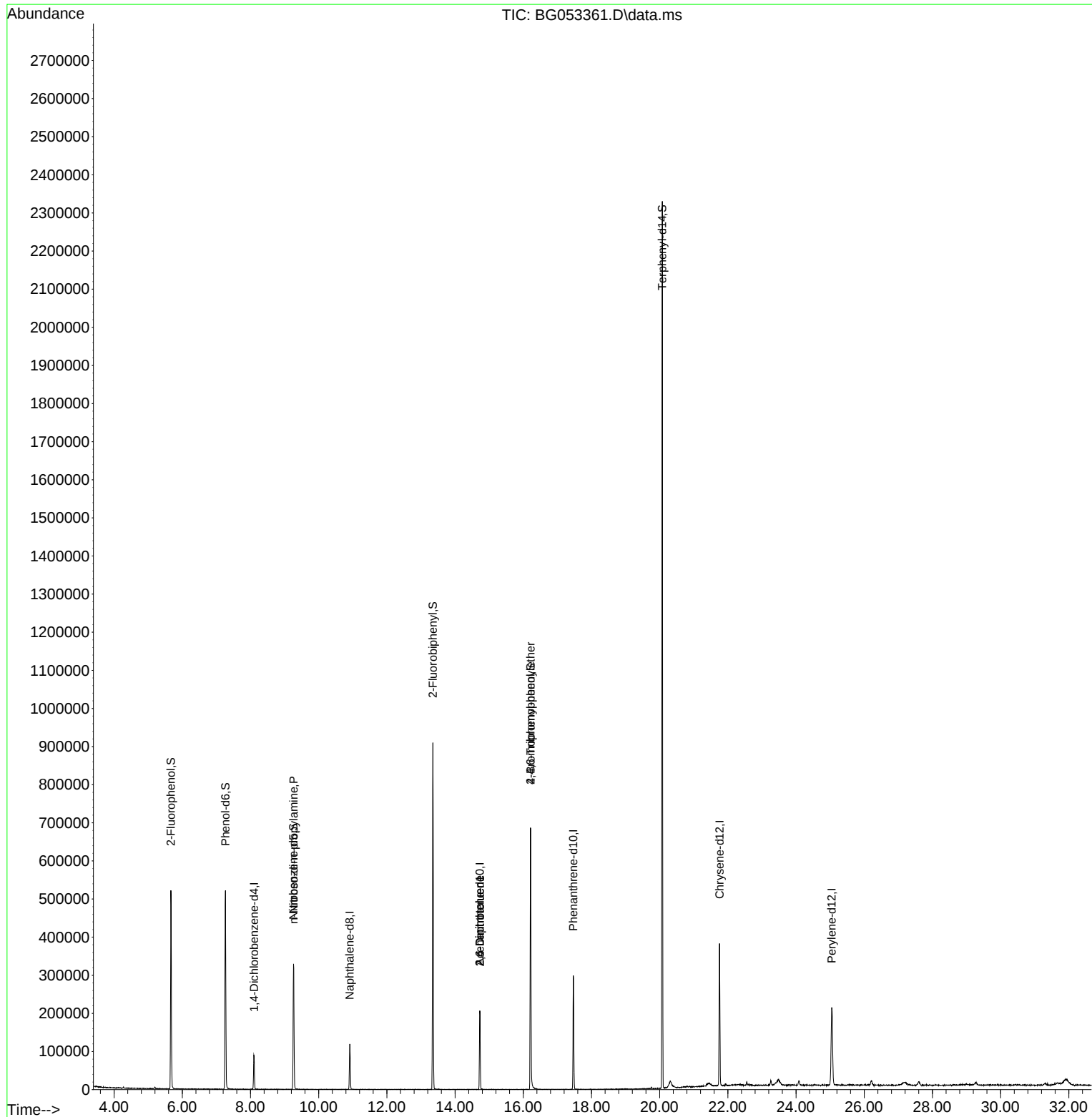
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	26241	20.000	ng	0.00
21) Naphthalene-d8	10.913	136	101278	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	77620	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	204050	20.000	ng	-0.01
76) Chrysene-d12	21.757	240	244152	20.000	ng	0.00
86) Perylene-d12	25.046	264	237649	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	215192	140.573	ng	0.00
7) Phenol-d6	7.265	99	300353	127.232	ng	0.00
23) Nitrobenzene-d5	9.262	82	216078	86.628	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	151751	122.885	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	478524	85.009	ng	0.00
79) Terphenyl-d14	20.077	244	1152650	79.734	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.268	70	30339	17.555	ng	# 73
51) 2,6-Dinitrotoluene	14.725	165	10227	7.896	ng	# 24
57) 2,4-Dinitrotoluene	14.725	165	10227	5.546	ng	# 22
67) 4-Bromophenyl-phenylether	16.217	248	9803	3.749	ng	# 1

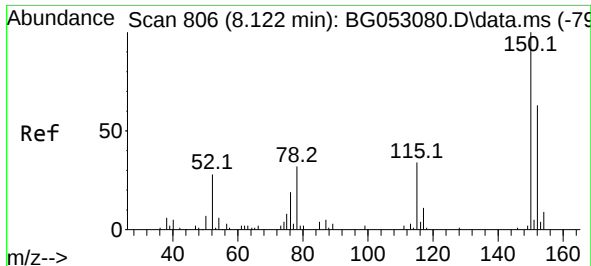
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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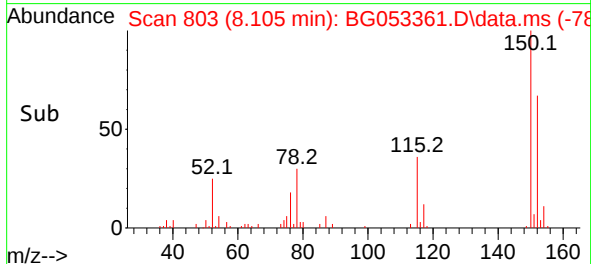
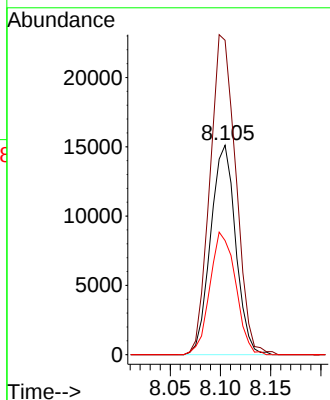
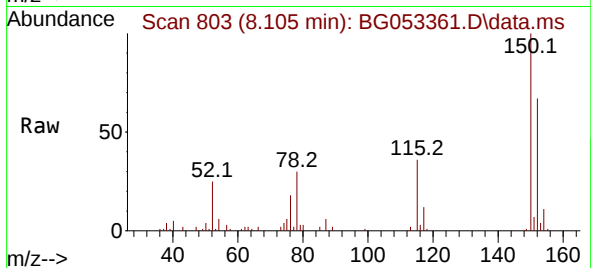




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

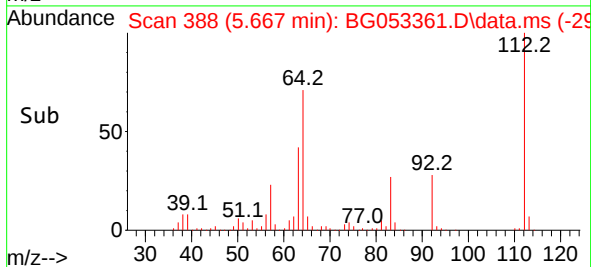
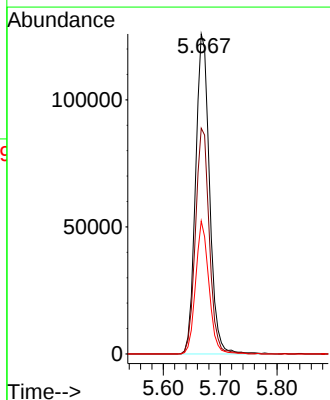
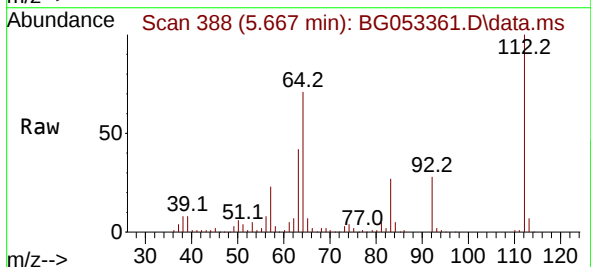
Instrument :
BNA_G
ClientSampleId :
PB144408BL

Tgt Ion:152 Resp: 26241
Ion Ratio Lower Upper
152 100
150 150.1 114.6 172.0
115 54.4 45.9 68.9



#5
2-Fluorophenol
Concen: 140.573 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion:112 Resp: 215192
Ion Ratio Lower Upper
112 100
64 70.5 48.0 72.0
63 41.6 26.5 39.7#

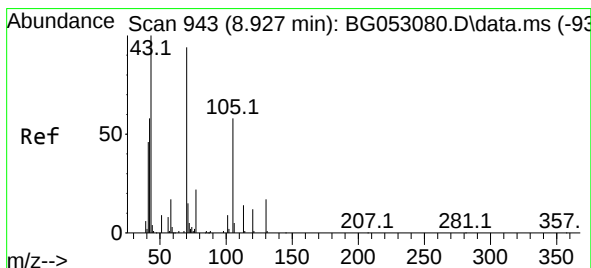
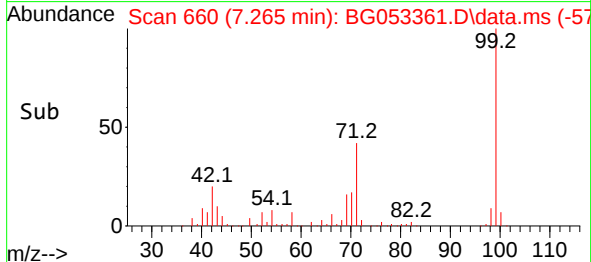
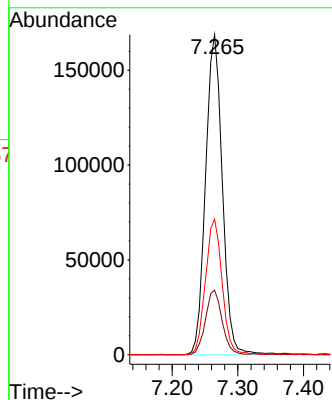
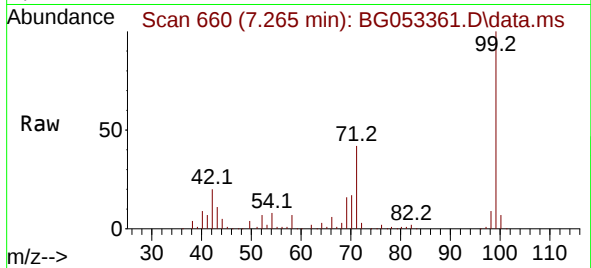




#7
Phenol-d6
Concen: 127.232 ng
RT: 7.265 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

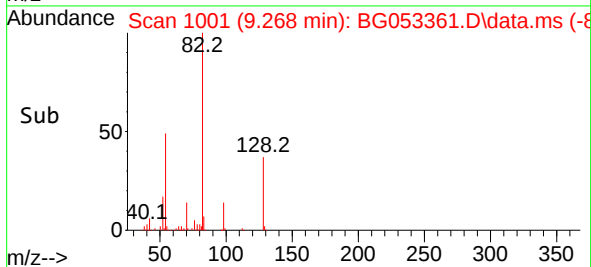
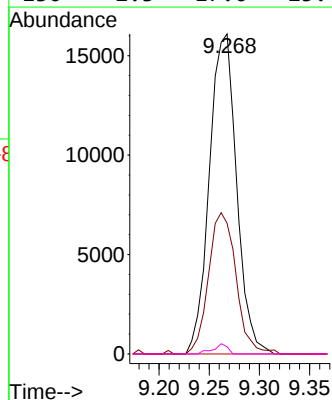
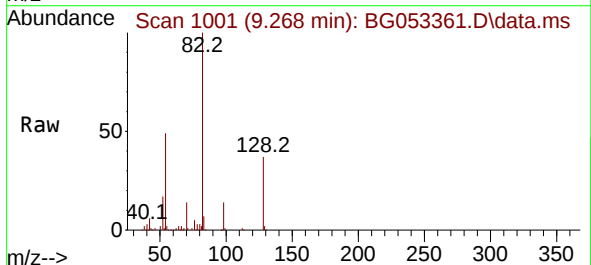
Instrument :
BNA_G
ClientSampleId :
PB144408BL

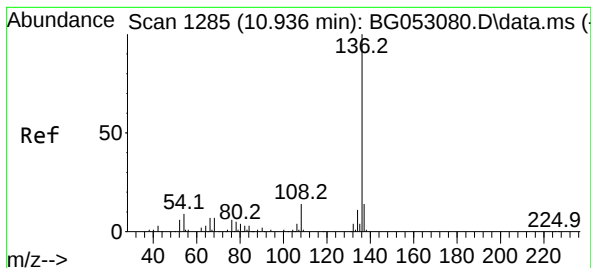
Tgt Ion: 99 Resp: 300353
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 42.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.555 ng
RT: 9.268 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion: 70 Resp: 30339
Ion Ratio Lower Upper
70 100
42 40.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.3 17.0 25.4#



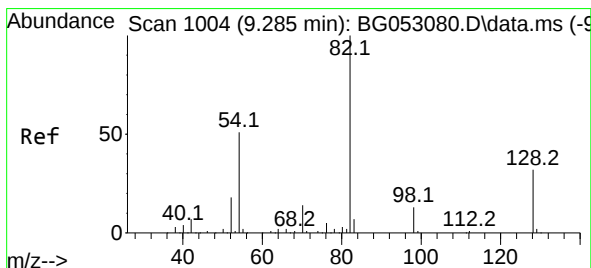
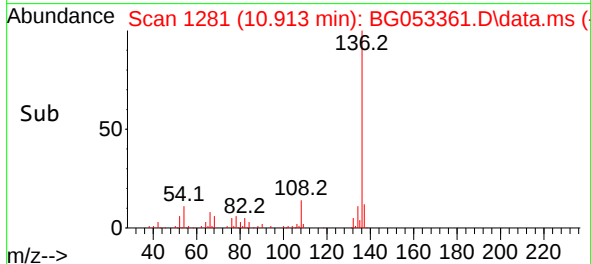
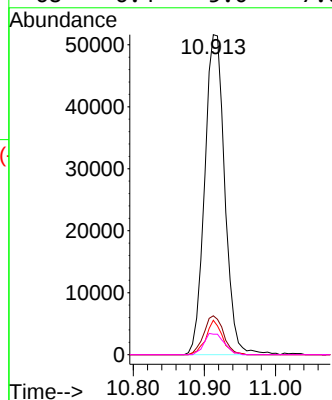
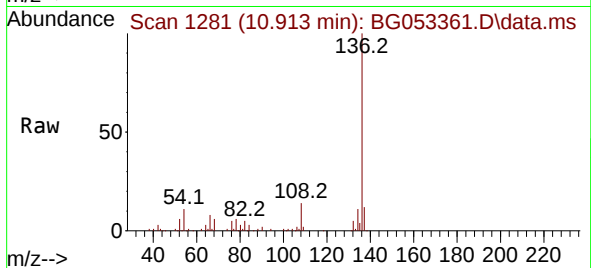


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 101
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Instrument :
BNA_G
ClientSampleId :
PB144408BL

Tgt Ion:136 Resp: 101278

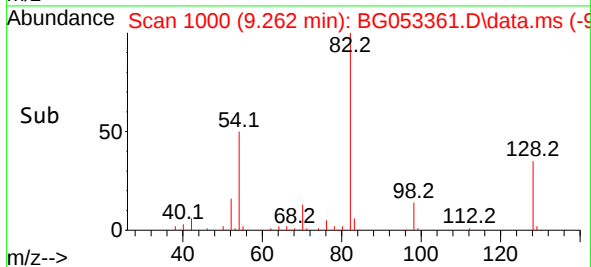
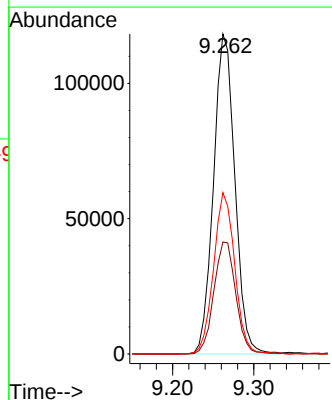
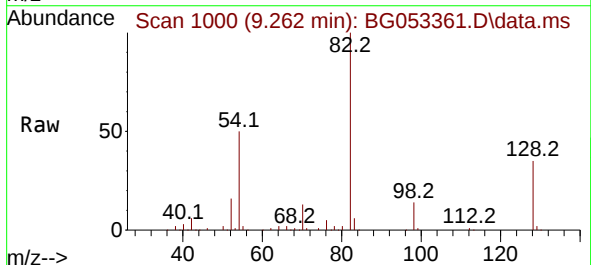
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.4	14.2
54	10.8	6.4	9.6#
68	6.4	5.0	7.6

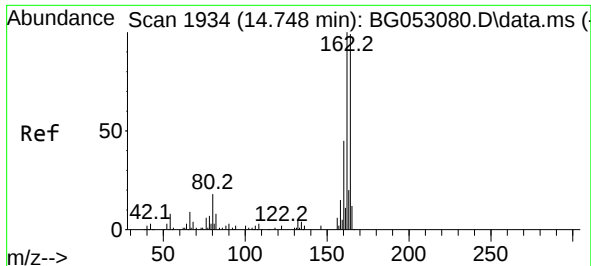


#23
Nitrobenzene-d5
Concen: 86.628 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion: 82 Resp: 216078

Ion	Ratio	Lower	Upper
82	100		
128	35.0	31.3	46.9
54	50.4	37.8	56.8

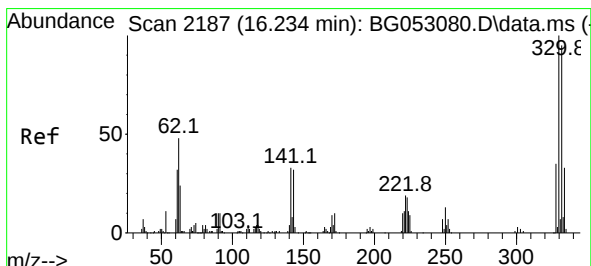
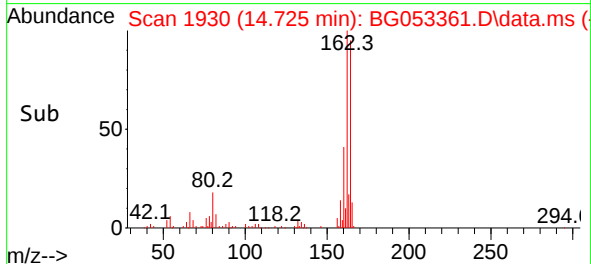
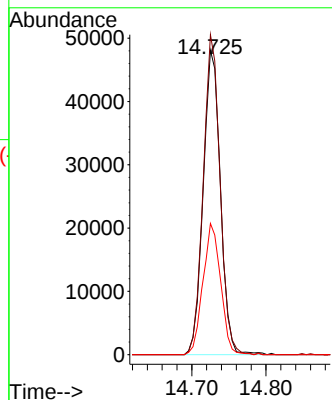
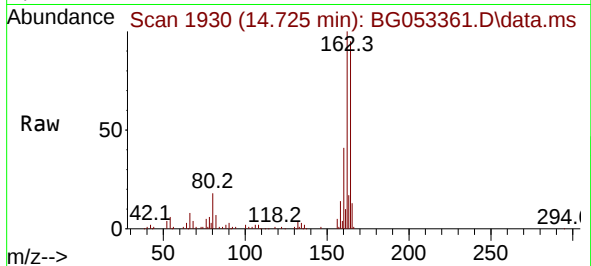




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1934
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

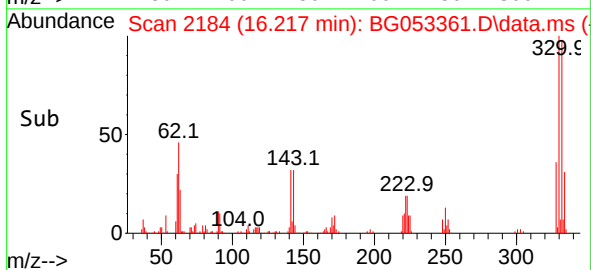
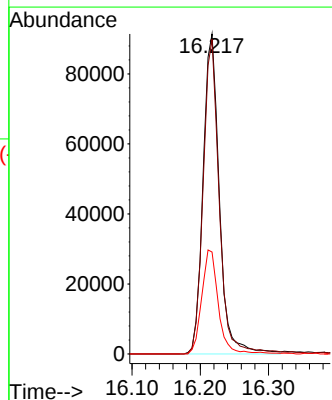
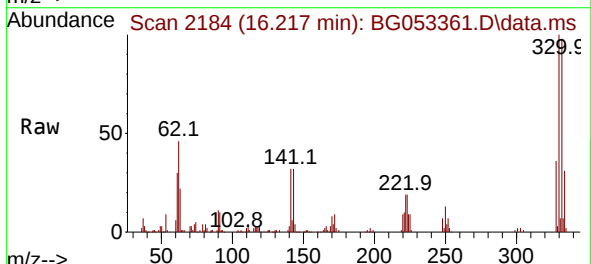
Instrument :
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ClientSampleId :
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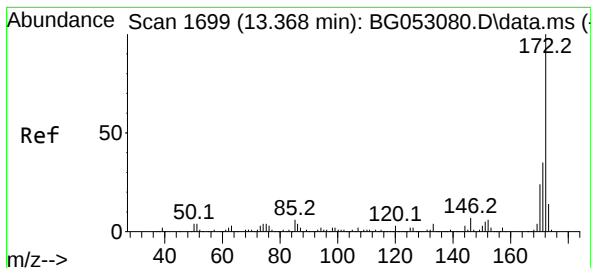
Tgt Ion:164 Resp: 77620
Ion Ratio Lower Upper
164 100
162 105.2 80.0 120.0
160 43.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 122.885 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion:330 Resp: 151751
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 33.4 24.6 36.8

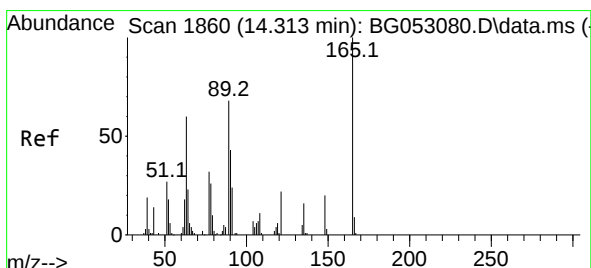
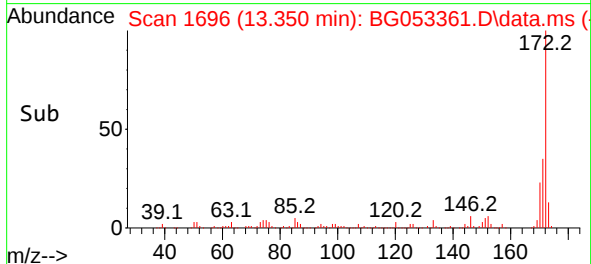
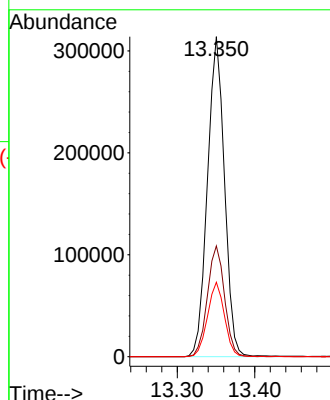
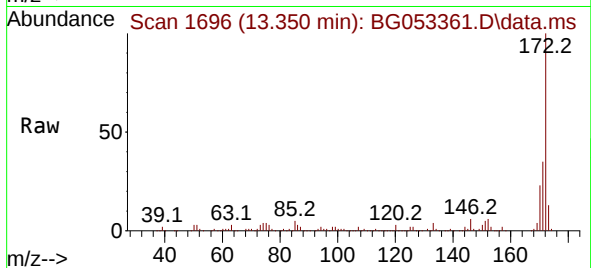




#45
2-Fluorobiphenyl
Concen: 85.009 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

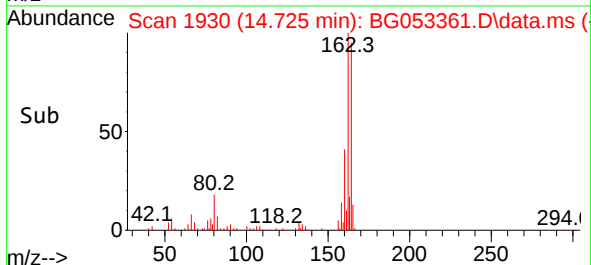
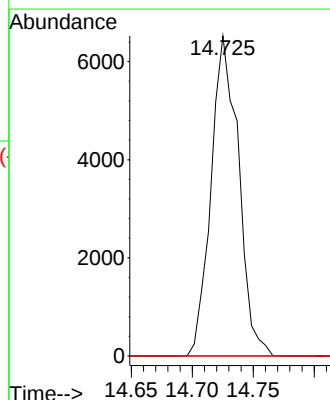
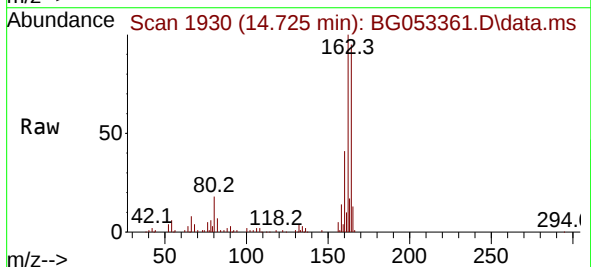
Instrument :
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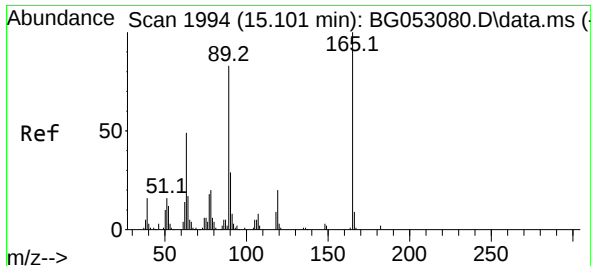
Tgt Ion:172 Resp: 478524
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 23.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.896 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

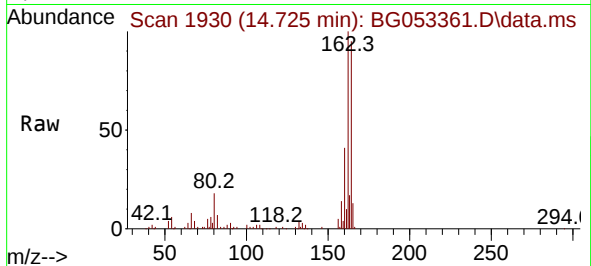
Tgt Ion:165 Resp: 10227
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#



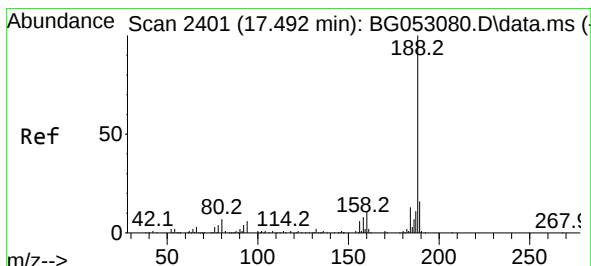
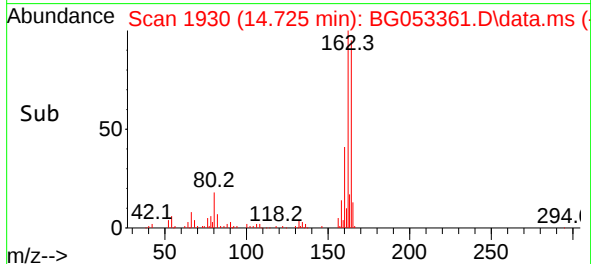
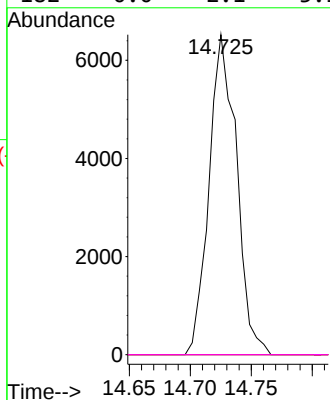


#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.725 min Scan# 1994
Delta R.T. -0.367 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Instrument :
BNA_G
ClientSampleId :
PB144408BL

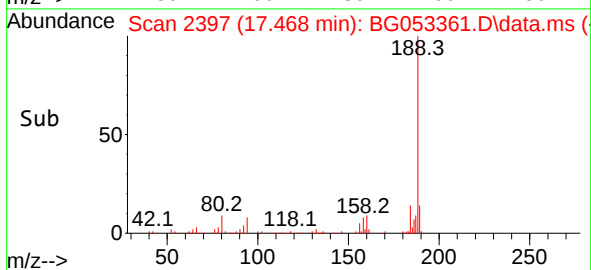
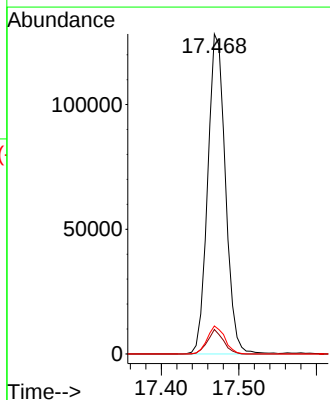
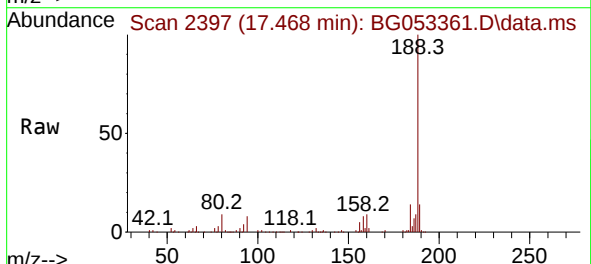


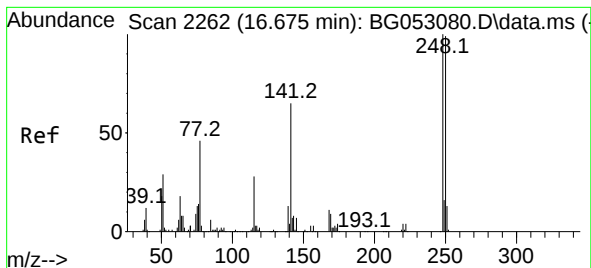
Tgt Ion:165 Resp: 10227
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.015 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion:188 Resp: 204050
Ion Ratio Lower Upper
188 100
94 7.6 5.7 8.5
80 8.7 7.2 10.8

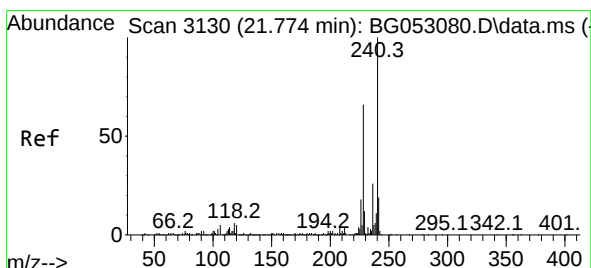
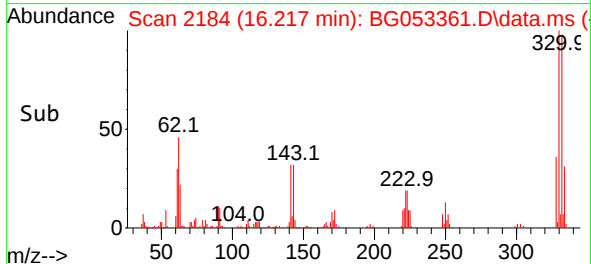
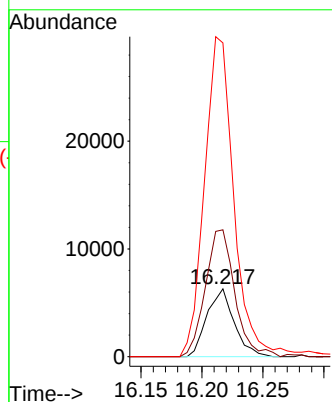
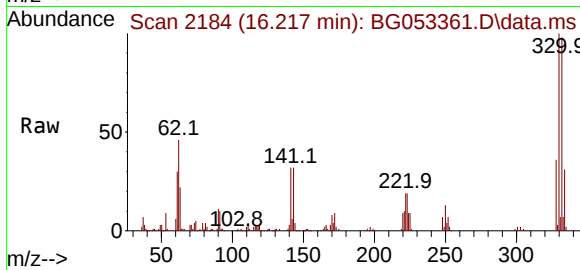




#67
4-Bromophenyl-phenylether
Concen: 3.749 ng
RT: 16.217 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

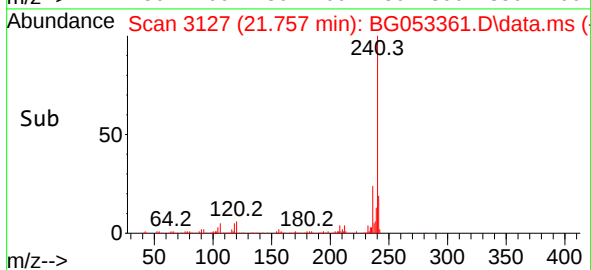
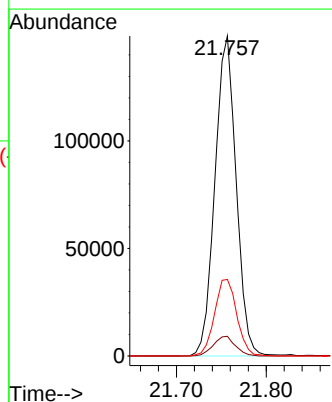
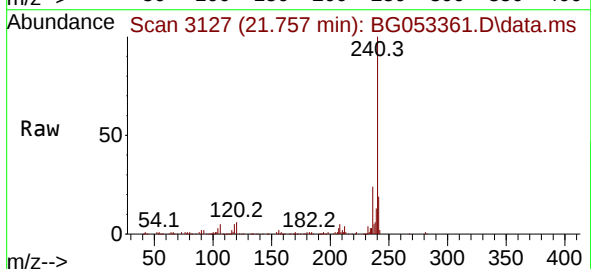
Instrument :
BNA_G
ClientSampleId :
PB144408BL

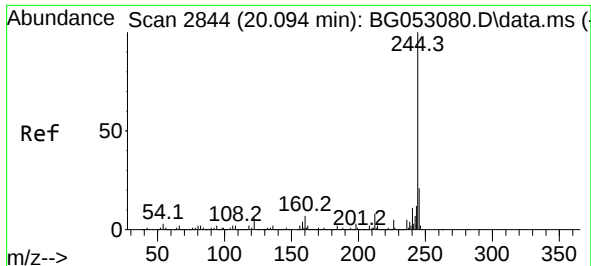
Tgt Ion:248 Resp: 9803
Ion Ratio Lower Upper
248 100
250 186.8 77.9 116.9#
141 462.0 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.757 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053361.D
Acq: 28 Apr 2022 11:27

Tgt Ion:240 Resp: 244152
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 23.9 19.8 29.6

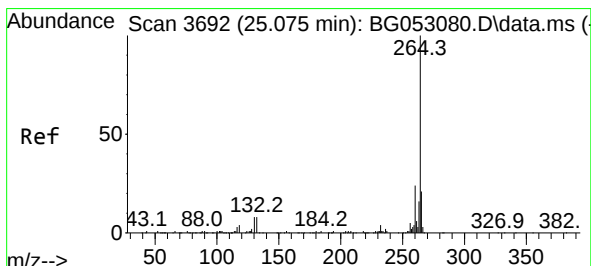
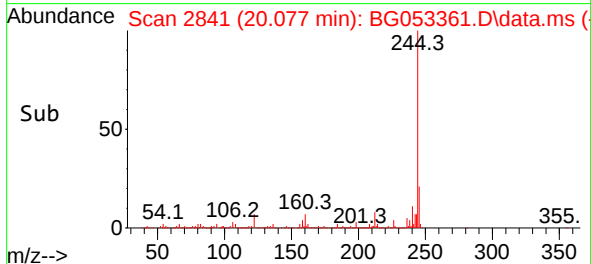
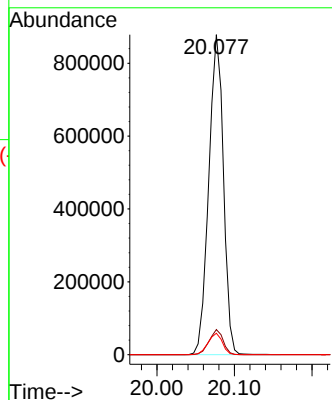
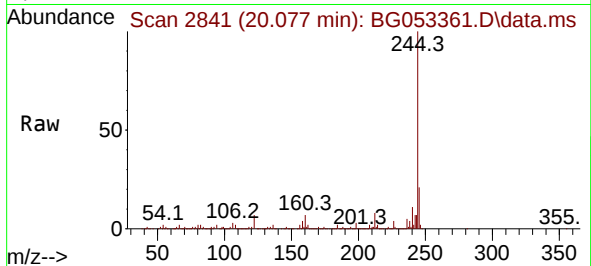




#79
 Terphenyl-d14
 Concen: 79.734 ng
 RT: 20.077 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053361.D
 Acq: 28 Apr 2022 11:27

Instrument :
 BNA_G
 ClientSampleId :
 PB144408BL

Tgt Ion:244 Resp: 1152650
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.046 min Scan# 3687
 Delta R.T. -0.015 min
 Lab File: BG053361.D
 Acq: 28 Apr 2022 11:27

Tgt Ion:264 Resp: 237649
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.2 27.2
 265 22.0 15.1 22.7

