

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053261.D
 Acq On : 22 Apr 2022 15:01
 Operator : CG/JU
 Sample : N2448-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW-DUPRE

Quant Time: Apr 24 01:15:20 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)

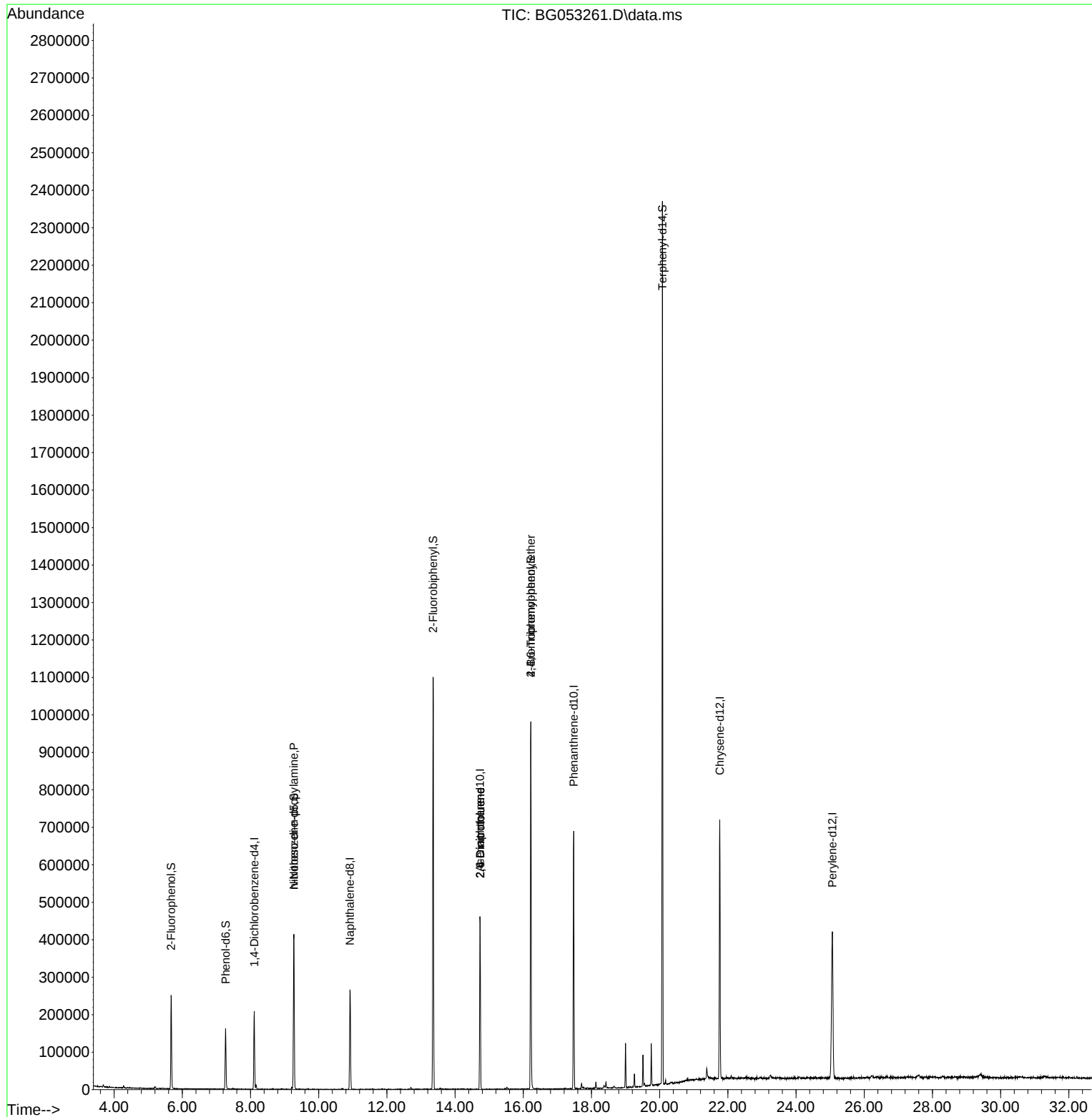
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	57368	20.000	ng	0.00
21) Naphthalene-d8	10.919	136	224423	20.000	ng	0.00
39) Acenaphthene-d10	14.731	164	171716	20.000	ng	0.00
64) Phenanthrene-d10	17.480	188	426916	20.000	ng	0.00
76) Chrysene-d12	21.763	240	444262	20.000	ng	0.00
86) Perylene-d12	25.064	264	449709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.673	112	104899	31.344	ng	0.00
7) Phenol-d6	7.271	99	91893	17.806	ng	0.00
23) Nitrobenzene-d5	9.274	82	263386	47.653	ng	0.00
42) 2,4,6-Tribromophenol	16.223	330	203683	74.556	ng	0.00
45) 2-Fluorobiphenyl	13.356	172	590209	47.395	ng	0.00
79) Terphenyl-d14	20.083	244	1130671	42.984	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.274	70	36136	9.564	ng	# 73
51) 2,6-Dinitrotoluene	14.737	165	22105	7.715	ng	# 25
57) 2,4-Dinitrotoluene	14.737	165	22105	5.419	ng	# 24
67) 4-Bromophenyl-phenylether	16.223	248	13618	2.489	ng	# 1

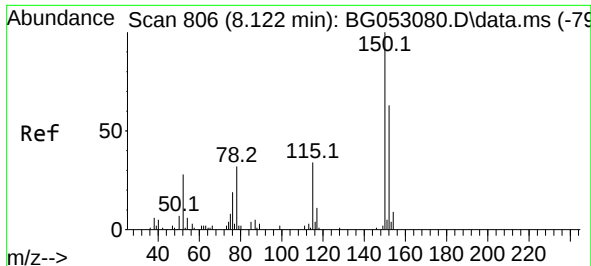
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

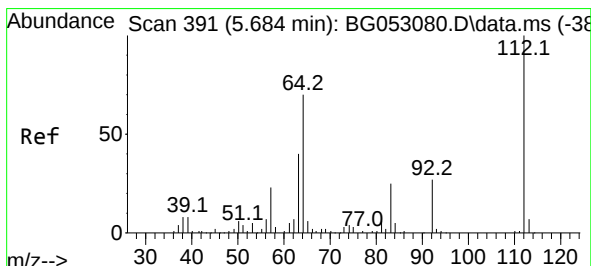
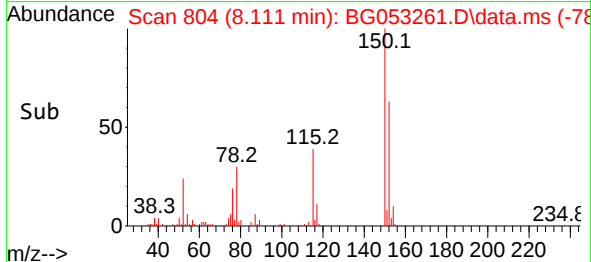
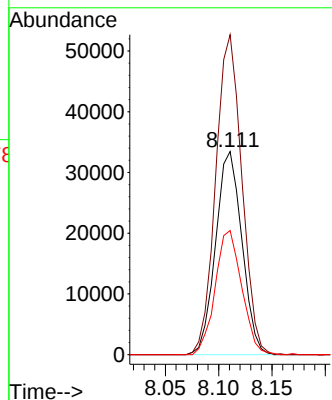
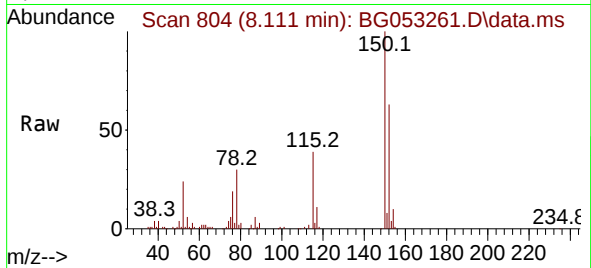




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

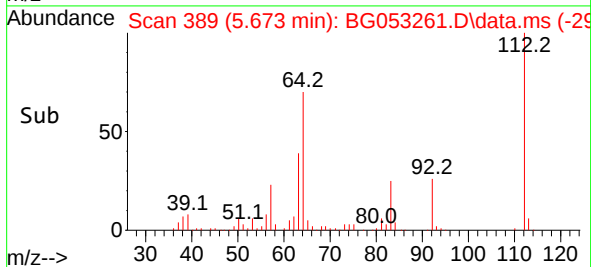
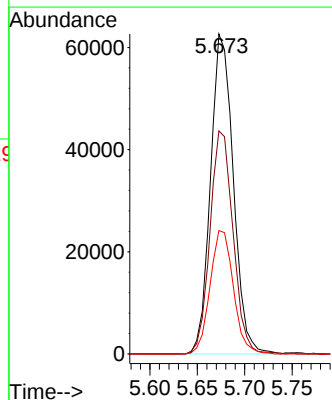
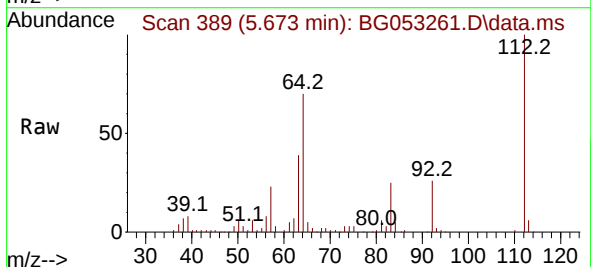
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUPRE

Tgt Ion:152 Resp: 57368
Ion Ratio Lower Upper
152 100
150 157.5 114.6 172.0
115 61.1 45.9 68.9



#5
2-Fluorophenol
Concen: 31.344 ng
RT: 5.673 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion:112 Resp: 104899
Ion Ratio Lower Upper
112 100
64 69.7 48.0 72.0
63 38.5 26.5 39.7

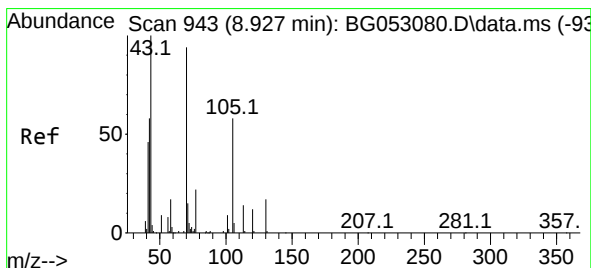
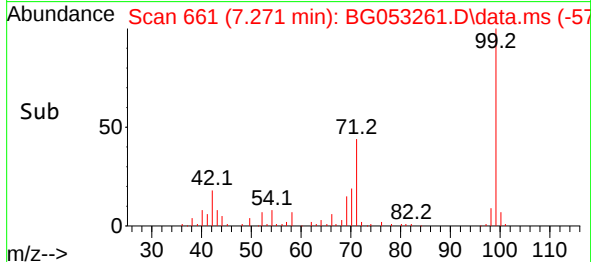
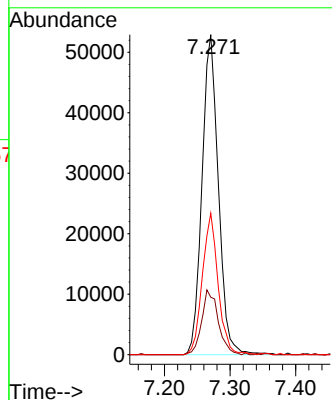
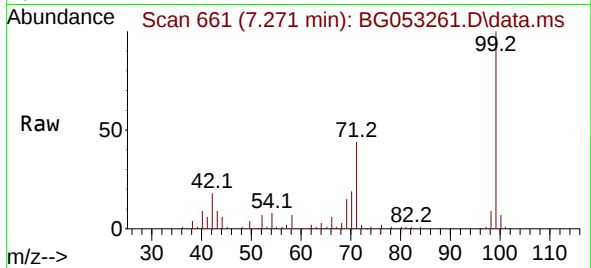




#7
Phenol-d6
Concen: 17.806 ng
RT: 7.271 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

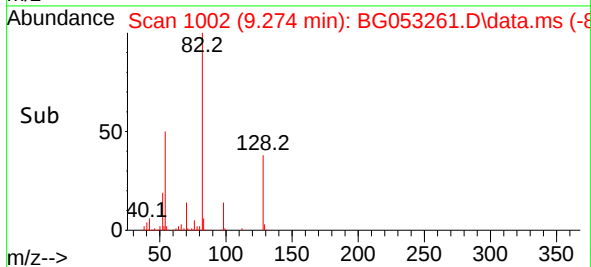
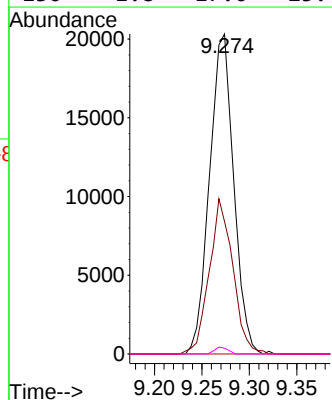
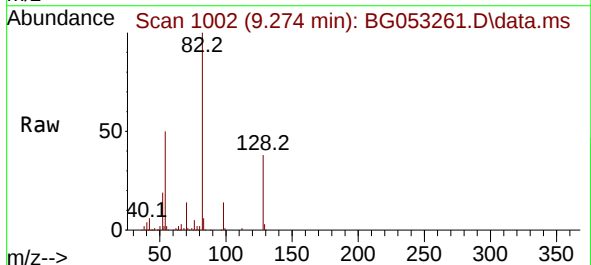
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUPRE

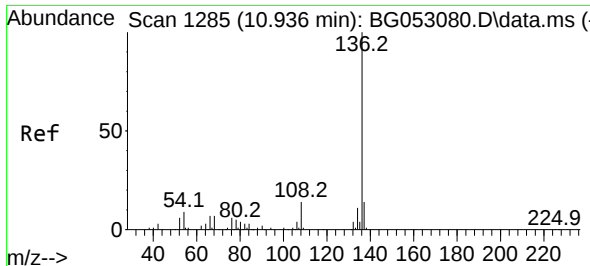
Tgt Ion: 99 Resp: 91893
Ion Ratio Lower Upper
99 100
42 17.9 14.7 22.1
71 44.2 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 9.564 ng
RT: 9.274 min Scan# 1002
Delta R.T. 0.361 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion: 70 Resp: 36136
Ion Ratio Lower Upper
70 100
42 41.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

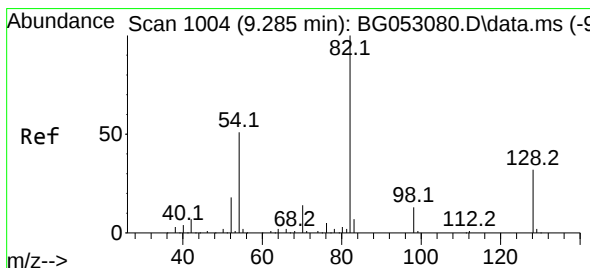
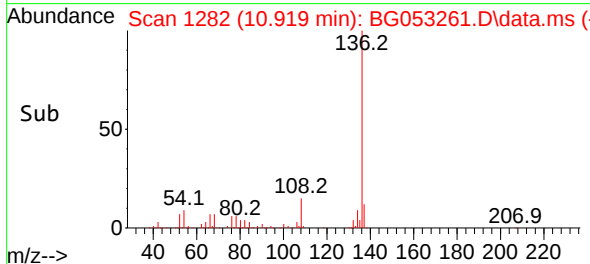
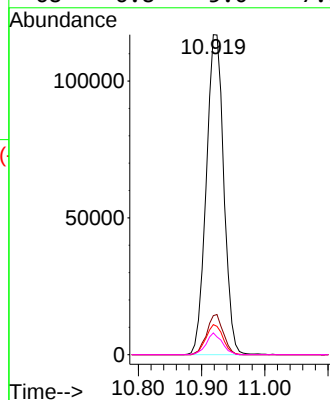
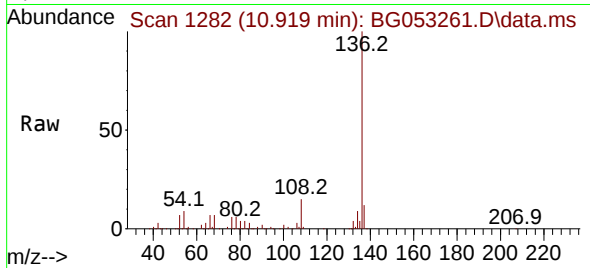




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.919 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

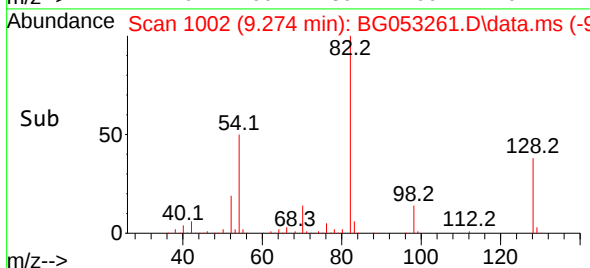
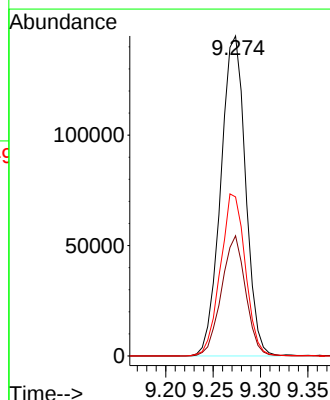
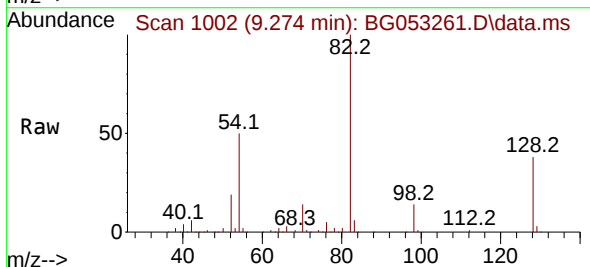
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUPRE

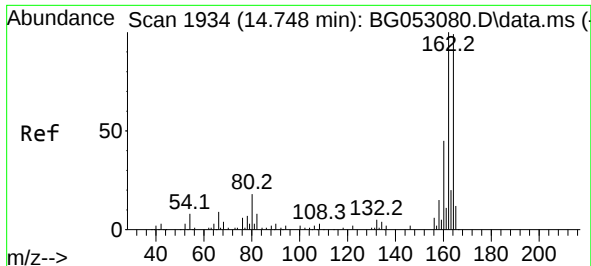
Tgt Ion:136 Resp: 224423
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 9.4 6.4 9.6
68 6.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 47.653 ng
RT: 9.274 min Scan# 1002
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion: 82 Resp: 263386
Ion Ratio Lower Upper
82 100
128 37.5 31.3 46.9
54 49.7 37.8 56.8

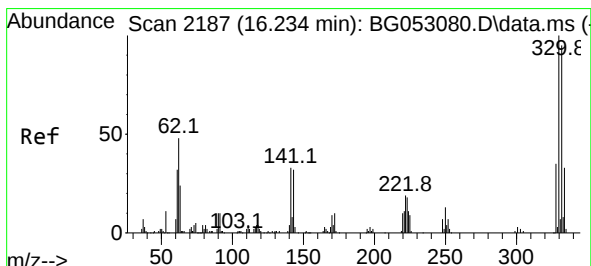
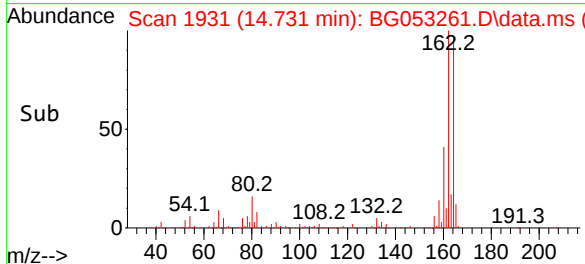
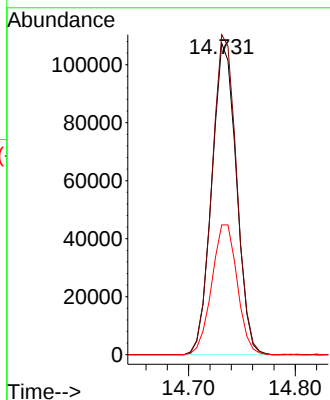
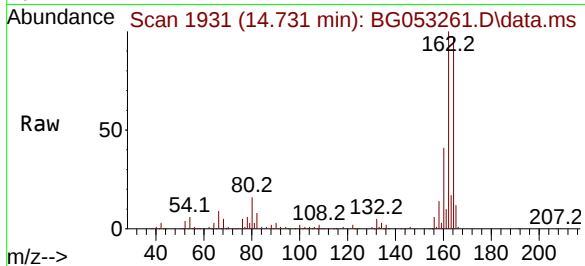




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

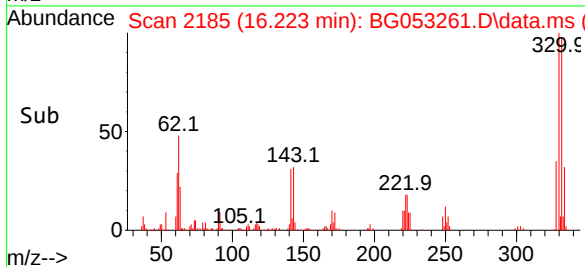
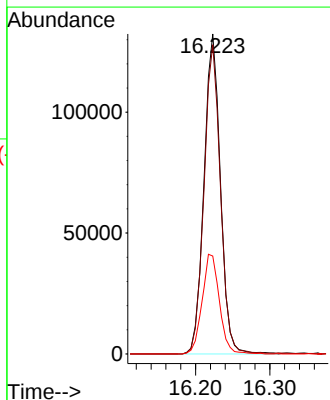
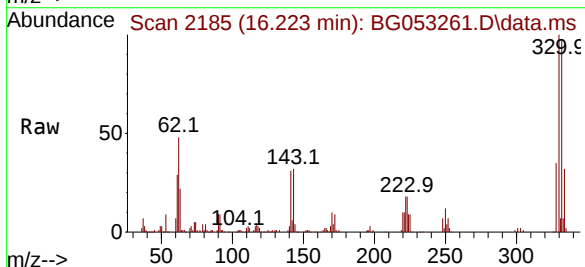
Instrument :
BNA_G
ClientSampleId :
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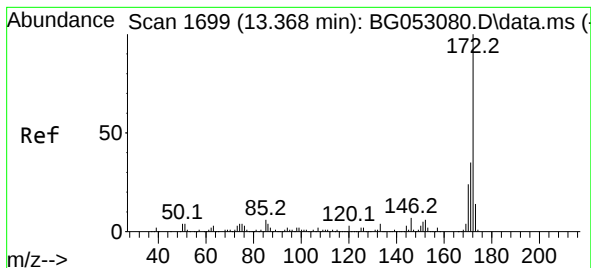
Tgt Ion:164 Resp: 171716
Ion Ratio Lower Upper
164 100
162 102.8 80.0 120.0
160 41.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 74.556 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion:330 Resp: 203683
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 32.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 47.395 ng

RT: 13.356 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG053261.D

Acq: 22 Apr 2022 15:01

Instrument :

BNA_G

ClientSampleId :

E14ST-B6-041522-GW-DUPRE

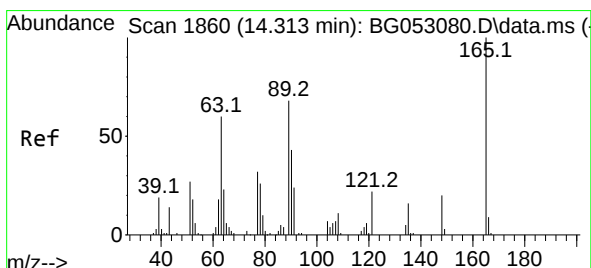
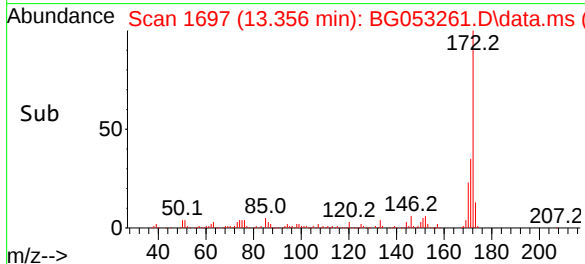
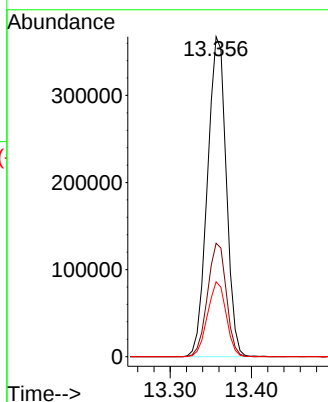
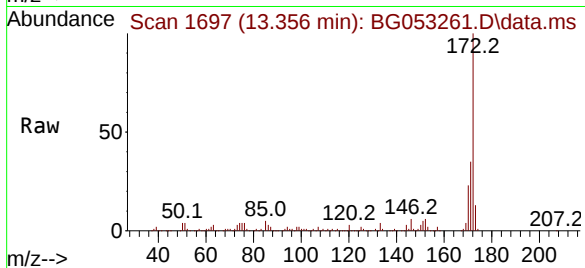
Tgt Ion:172 Resp: 590209

Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.4 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.715 ng

RT: 14.737 min Scan# 1932

Delta R.T. 0.432 min

Lab File: BG053261.D

Acq: 22 Apr 2022 15:01

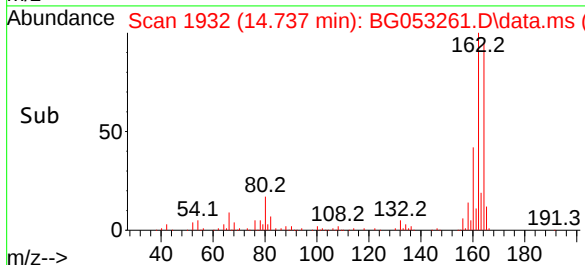
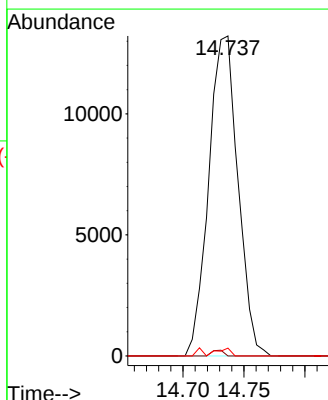
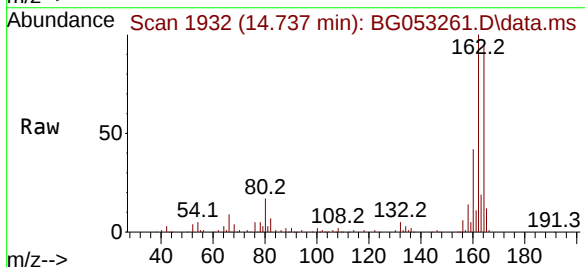
Tgt Ion:165 Resp: 22105

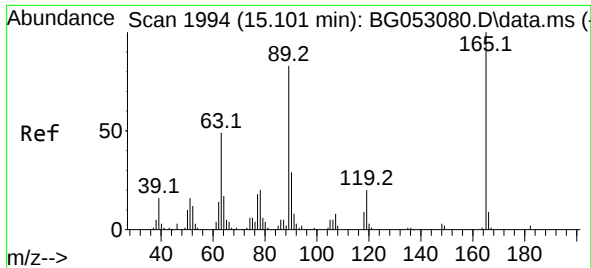
Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 2.4 45.0 67.4#

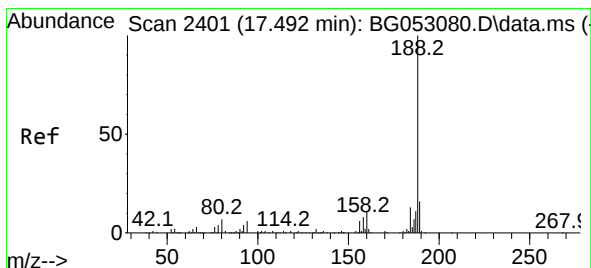
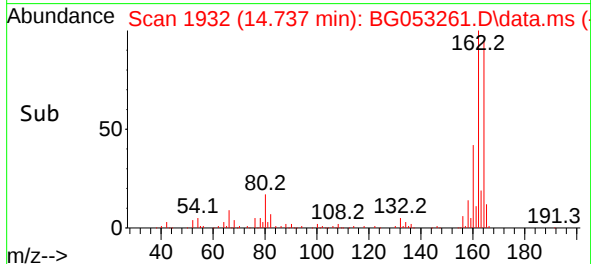
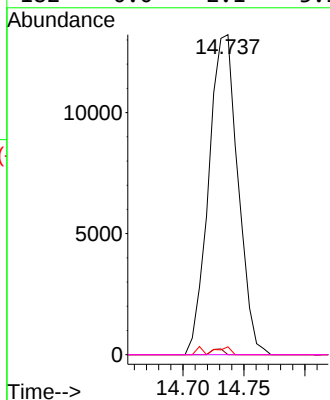
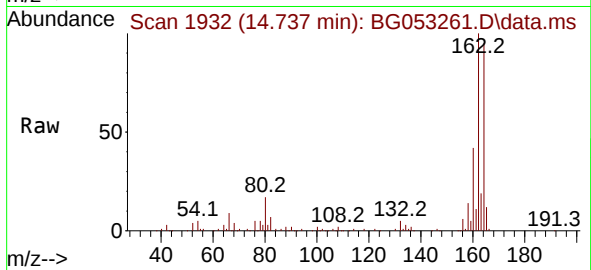




#57
2,4-Dinitrotoluene
Concen: 5.419 ng
RT: 14.737 min Scan# 1994
Delta R.T. -0.355 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

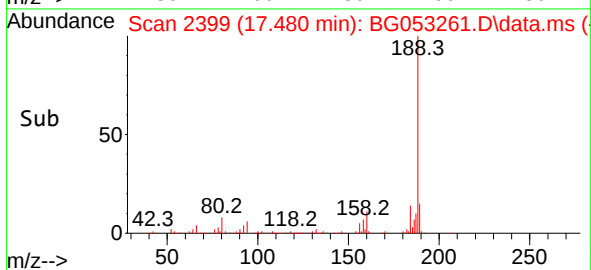
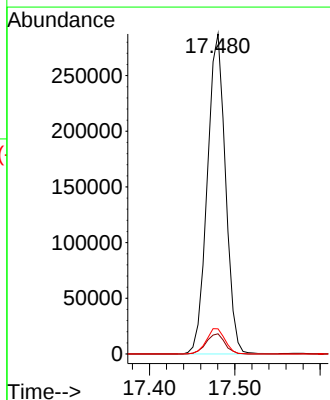
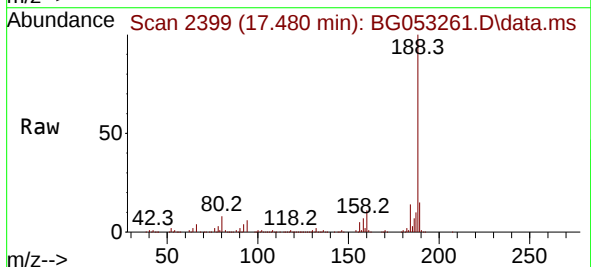
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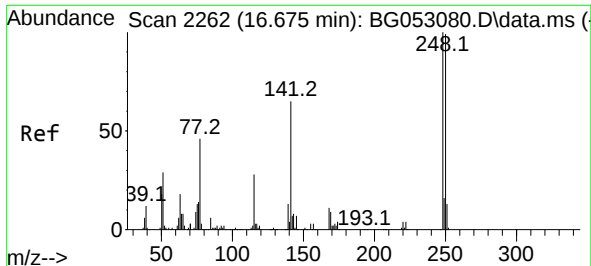
Tgt Ion:	165	Resp:	22105
Ion Ratio	Lower	Upper	
165	100		
63	0.0	34.8	52.2#
89	2.4	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion:	188	Resp:	426916
Ion Ratio	Lower	Upper	
188	100		
94	6.3	5.7	8.5
80	7.8	7.2	10.8

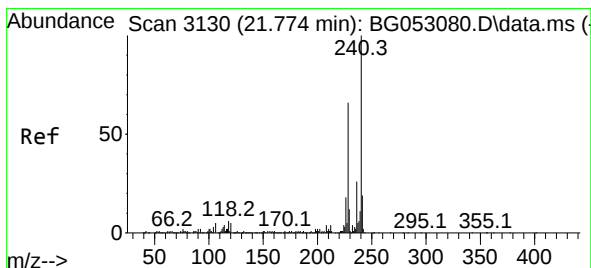
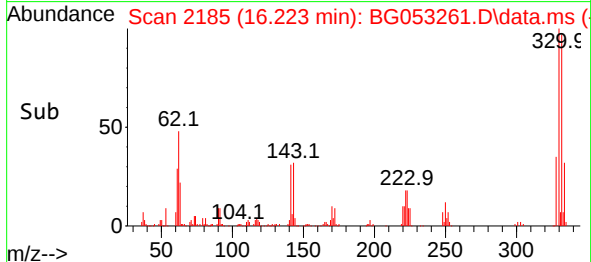
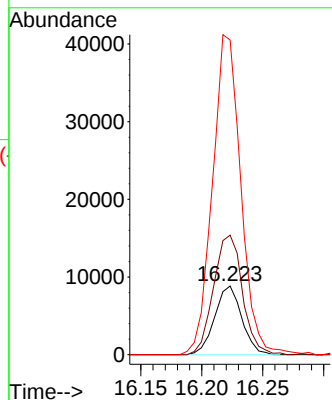
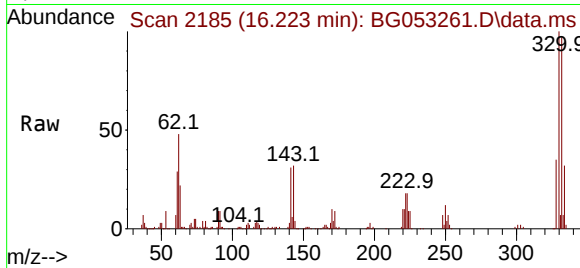




#67
4-Bromophenyl-phenylether
Concen: 2.489 ng
RT: 16.223 min Scan# 21185
Delta R.T. -0.438 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

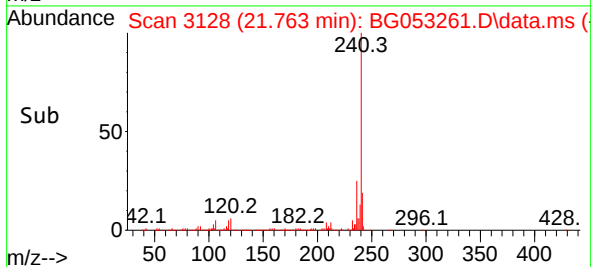
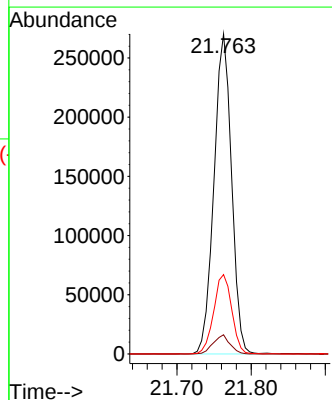
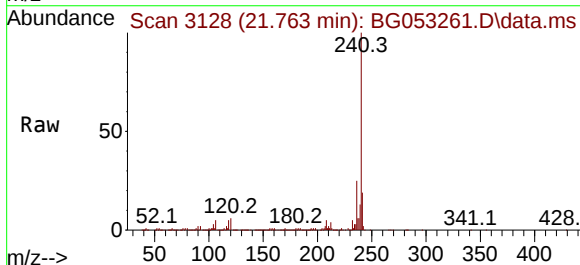
Instrument :
BNA_G
ClientSampleId :
E14ST-B6-041522-GW-DUPRE

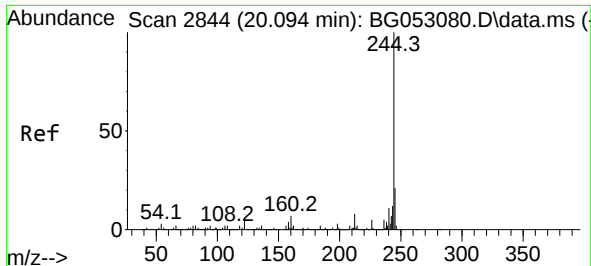
Tgt Ion:248 Resp: 13618
Ion Ratio Lower Upper
248 100
250 174.3 77.9 116.9#
141 458.6 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.003 min
Lab File: BG053261.D
Acq: 22 Apr 2022 15:01

Tgt Ion:240 Resp: 444262
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.8 19.8 29.6

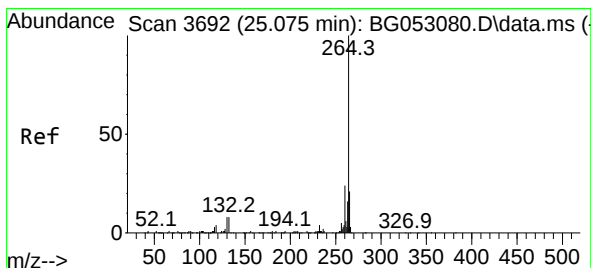
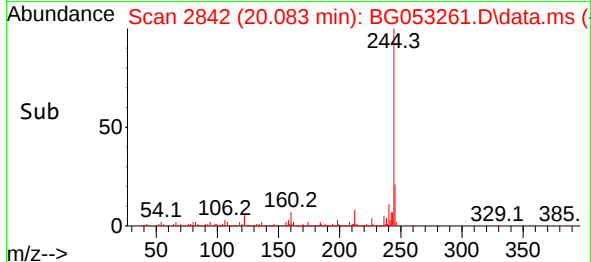
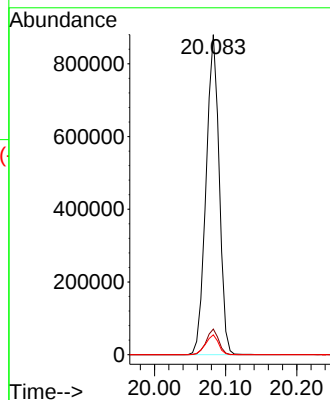
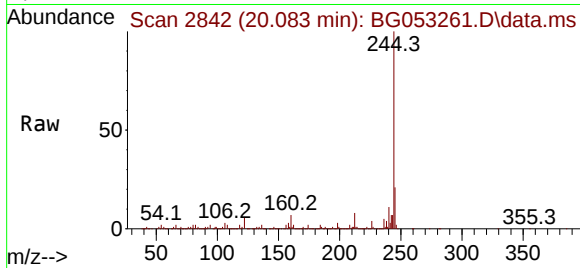




#79
 Terphenyl-d14
 Concen: 42.984 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053261.D
 Acq: 22 Apr 2022 15:01

Instrument :
 BNA_G
 ClientSampleId :
 E14ST-B6-041522-GW-DUPRE

Tgt Ion:244 Resp: 1130671
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. 0.003 min
 Lab File: BG053261.D
 Acq: 22 Apr 2022 15:01

Tgt Ion:264 Resp: 449709
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 21.1 15.1 22.7

