

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053247.D
 Acq On : 21 Apr 2022 18:49
 Operator : CG/JU
 Sample : N2451-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9145

Quant Time: Apr 22 02:57:31 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)

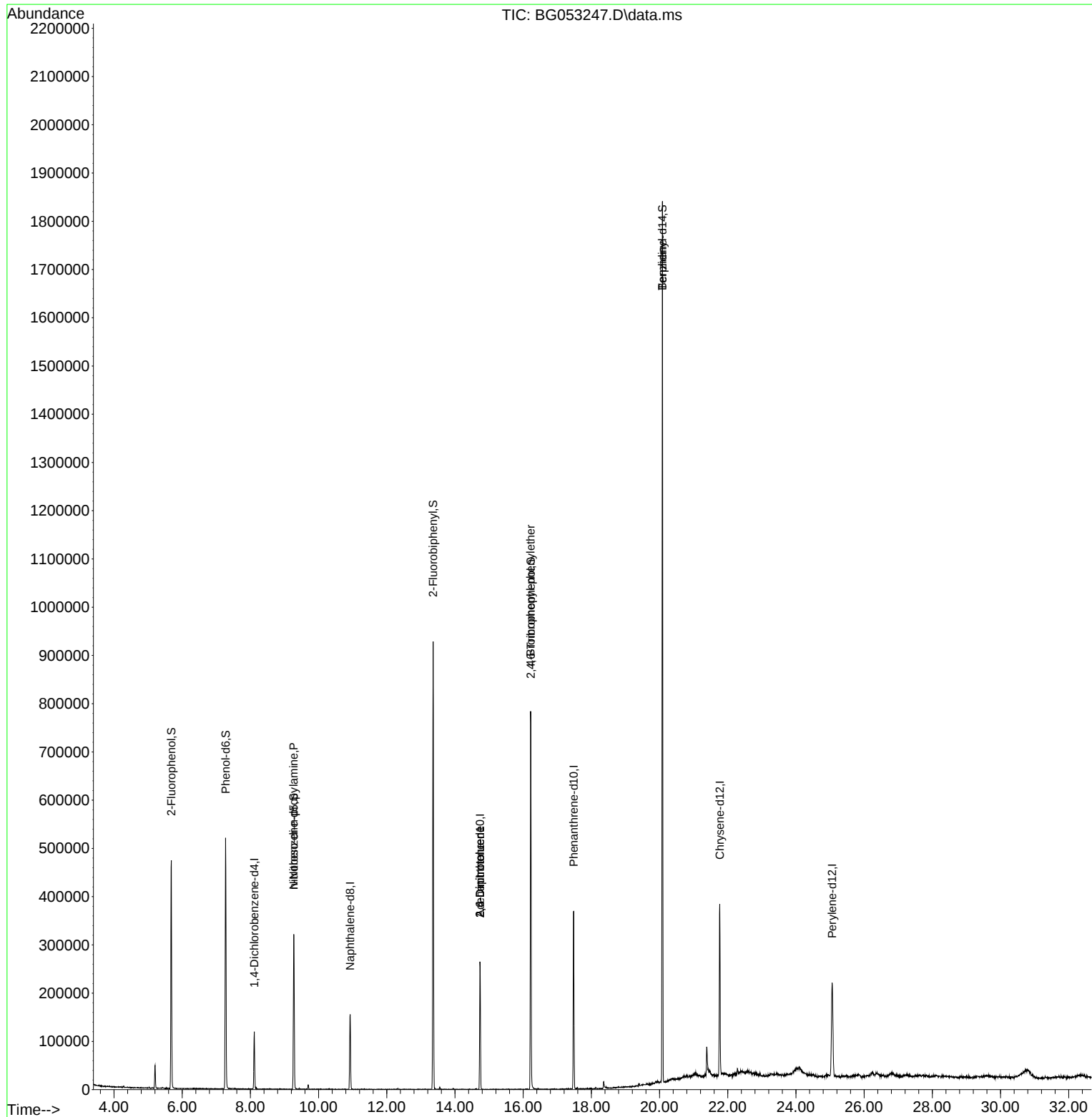
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.113	152	32217	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	131900	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	100875	20.000	ng	-0.01
64) Phenanthrene-d10	17.483	188	244913	20.000	ng	0.00
76) Chrysene-d12	21.765	240	226402	20.000	ng	0.00
86) Perylene-d12	25.061	264	223888	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	198403	105.565	ng	0.00
7) Phenol-d6	7.273	99	293859	101.391	ng	0.00
23) Nitrobenzene-d5	9.270	82	210933	64.933	ng	-0.01
42) 2,4,6-Tribromophenol	16.225	330	163591	101.933	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	483811	66.134	ng	0.00
79) Terphenyl-d14	20.085	244	918352	68.507	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.270	70	30246	14.254	ng	# 75
51) 2,6-Dinitrotoluene	14.733	165	13538	8.043	ng	# 27
57) 2,4-Dinitrotoluene	14.733	165	13538	5.649	ng	# 25
67) 4-Bromophenyl-phenylether	16.220	248	10696	3.408	ng	# 1
77) Benzidine	20.085	184	15027	2.326	ng	# 90

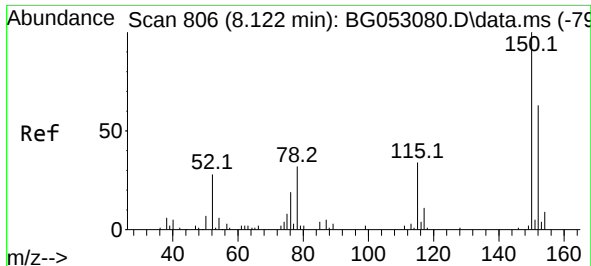
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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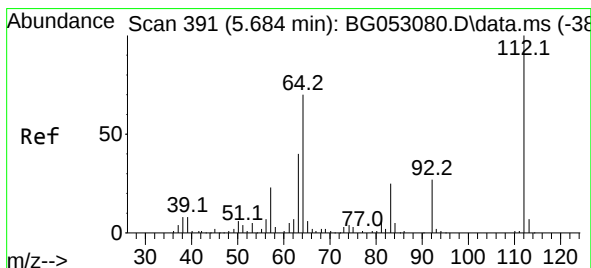
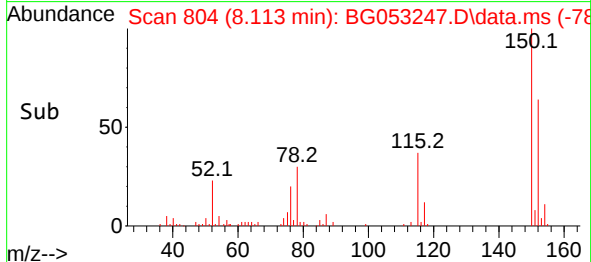
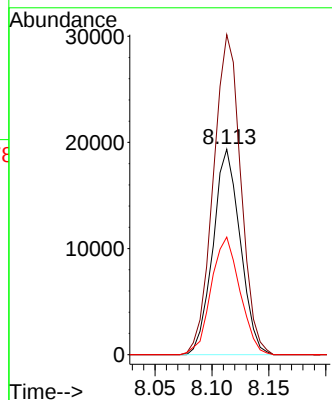
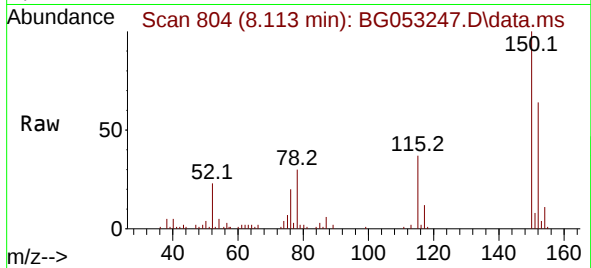




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

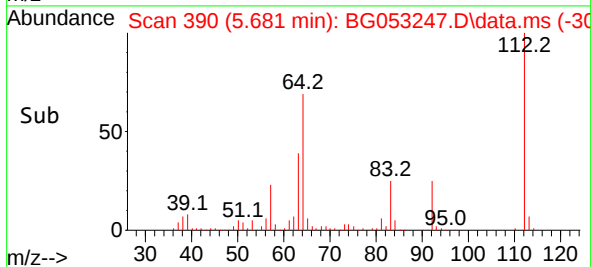
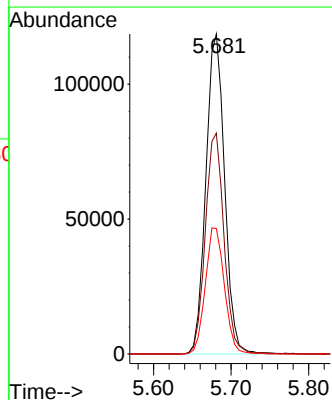
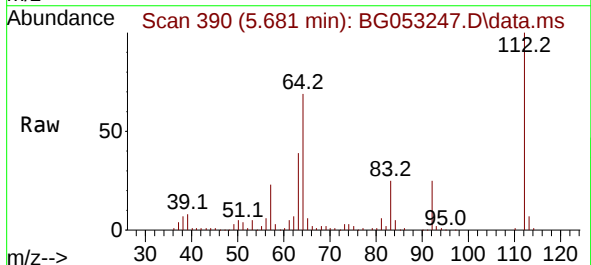
Instrument :
BNA_G
ClientSampleId :
SB-9145

Tgt Ion:152 Resp: 32217
Ion Ratio Lower Upper
152 100
150 155.8 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 105.565 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:112 Resp: 198403
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 39.2 26.5 39.7

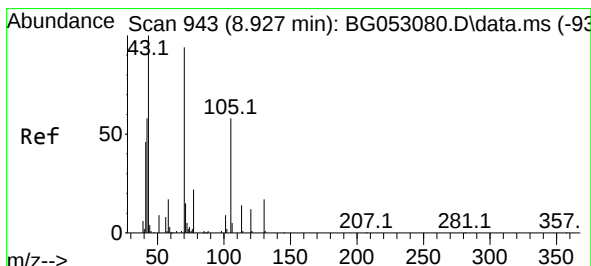
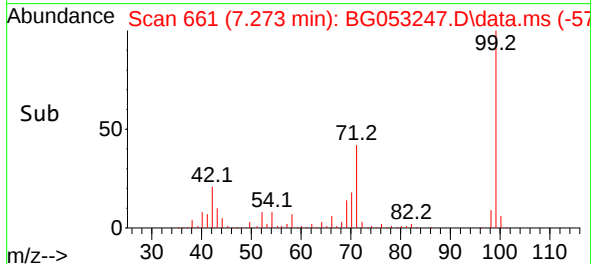
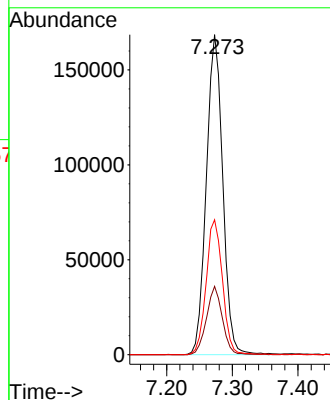
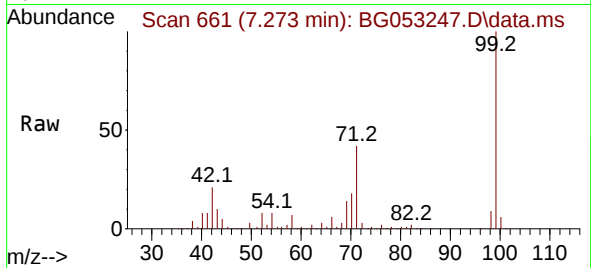




#7
Phenol-d6
Concen: 101.391 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

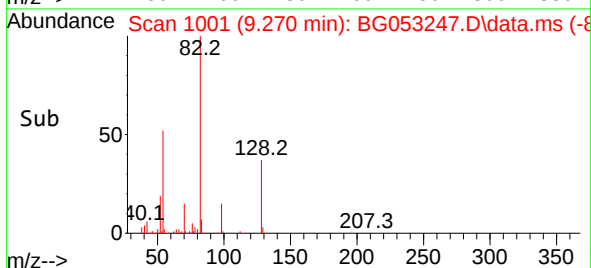
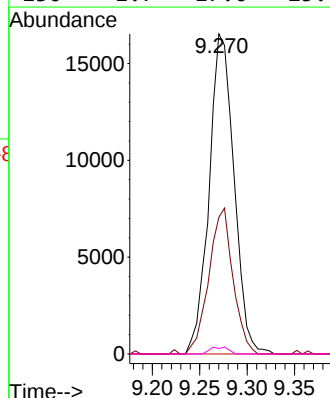
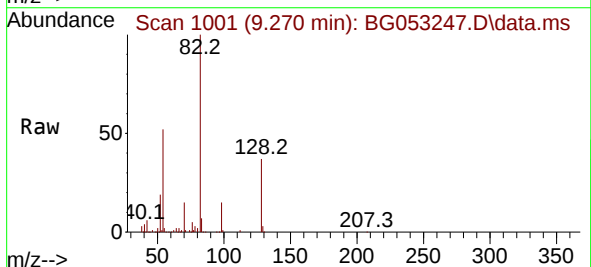
Instrument :
BNA_G
ClientSampleId :
SB-9145

Tgt Ion: 99 Resp: 293859
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 42.2 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 14.254 ng
RT: 9.270 min Scan# 1001
Delta R.T. 0.344 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion: 70 Resp: 30246
Ion Ratio Lower Upper
70 100
42 42.8 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

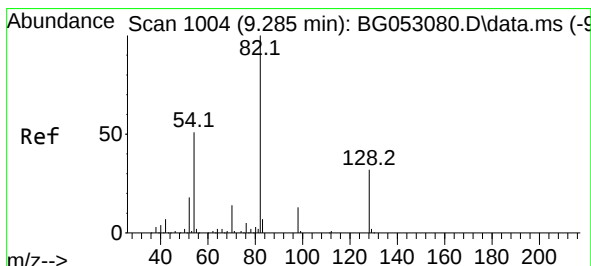
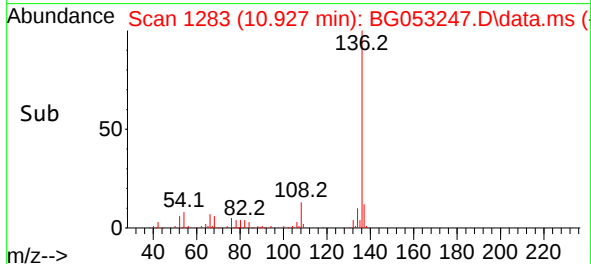
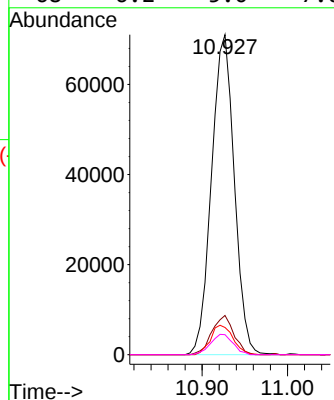
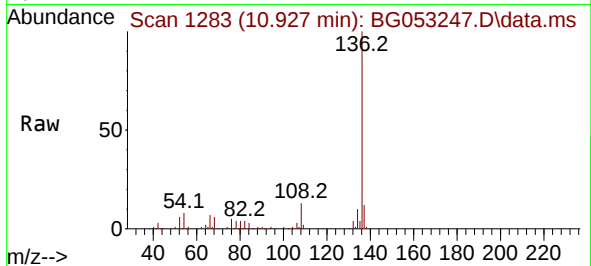




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

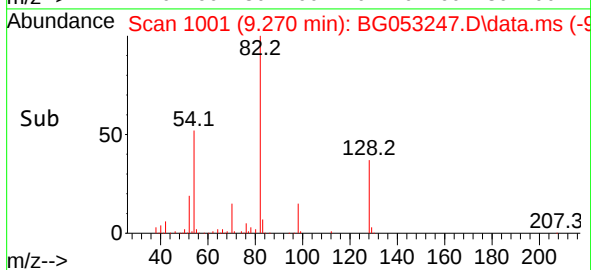
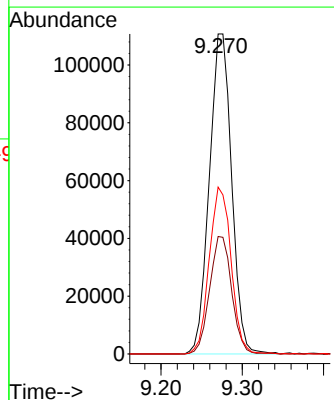
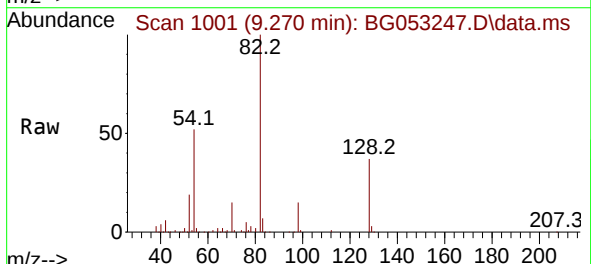
Instrument :
BNA_G
ClientSampleId :
SB-9145

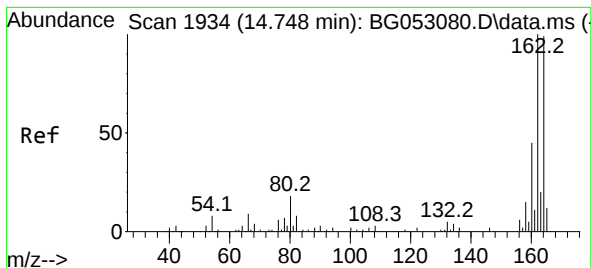
Tgt Ion:136	Resp: 131900
Ion Ratio	Lower Upper
136 100	
137 12.3	9.4 14.2
54 8.5	6.4 9.6
68 6.2	5.0 7.6



#23
Nitrobenzene-d5
Concen: 64.933 ng
RT: 9.270 min Scan# 1001
Delta R.T. -0.015 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion: 82	Resp: 210933
Ion Ratio	Lower Upper
82 100	
128 36.7	31.3 46.9
54 52.2	37.8 56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.015 min

Lab File: BG053247.D

Acq: 21 Apr 2022 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9145

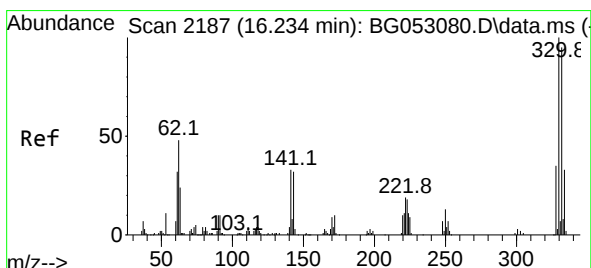
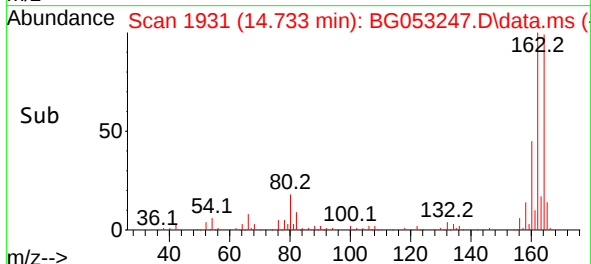
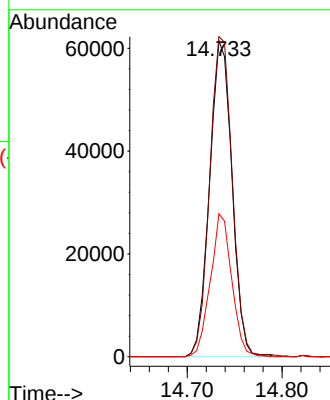
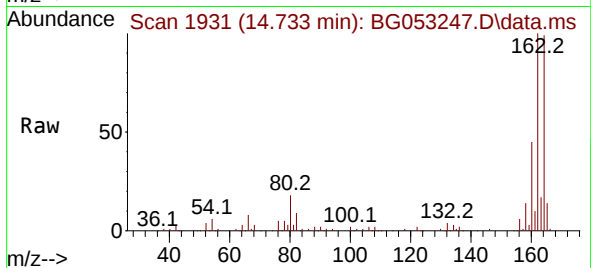
Tgt Ion:164 Resp: 100875

Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

160 45.2 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 101.933 ng

RT: 16.225 min Scan# 2185

Delta R.T. -0.009 min

Lab File: BG053247.D

Acq: 21 Apr 2022 18:49

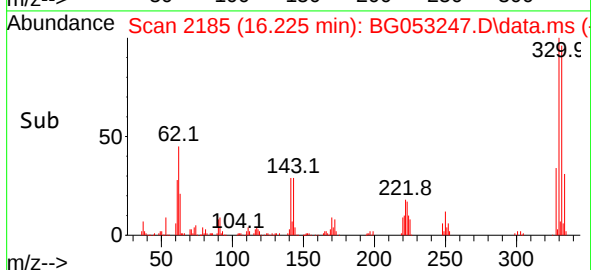
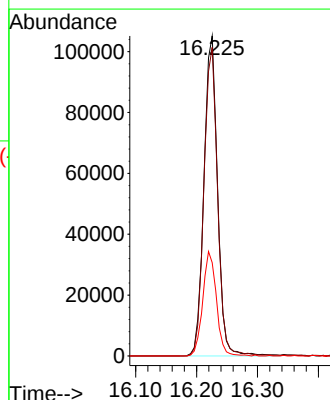
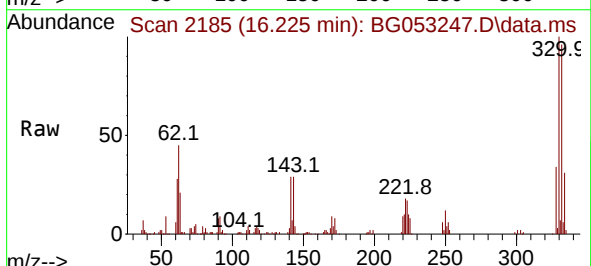
Tgt Ion:330 Resp: 163591

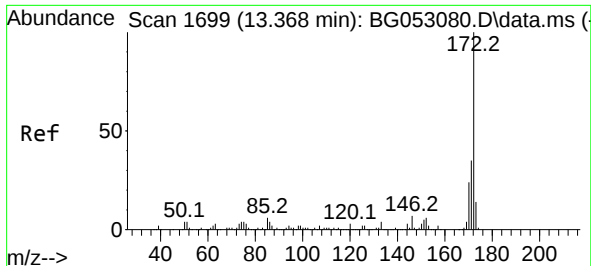
Ion Ratio Lower Upper

330 100

332 96.7 75.8 113.6

141 32.6 24.6 36.8

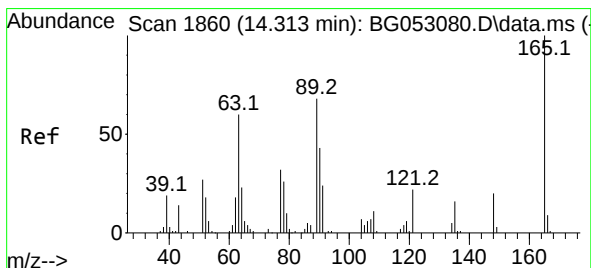
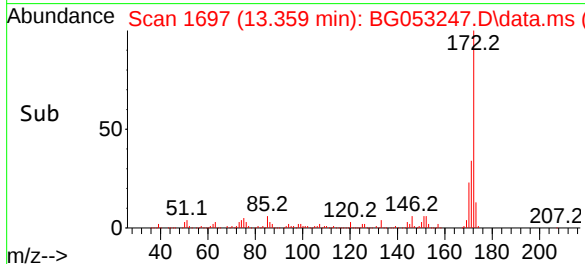
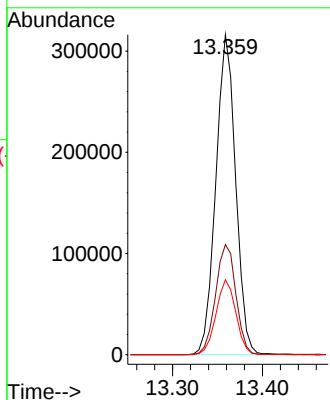
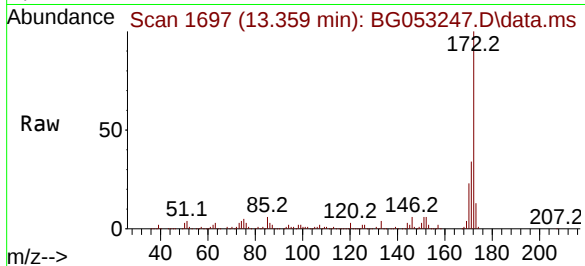




#45
2-Fluorobiphenyl
Concen: 66.134 ng
RT: 13.359 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

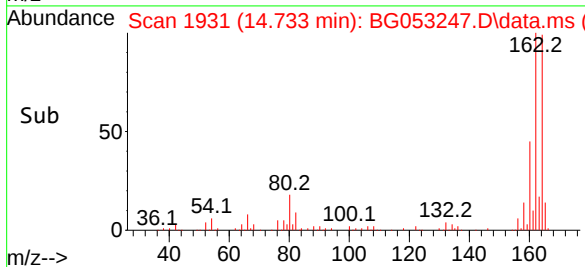
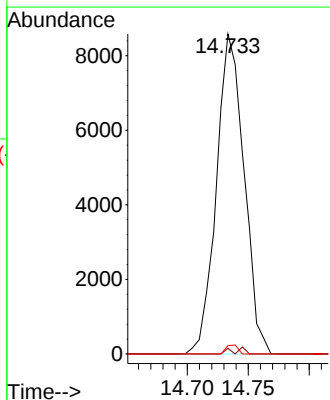
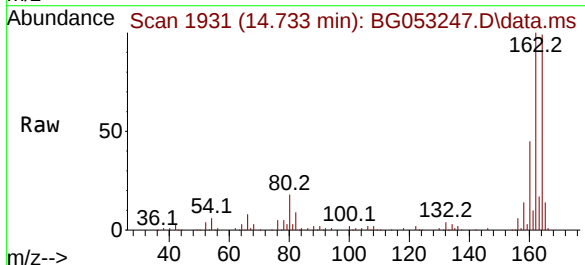
Instrument :
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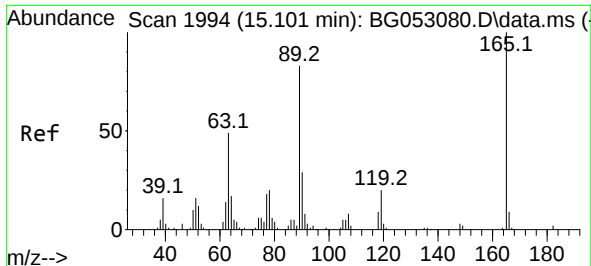
Tgt Ion:172 Resp: 483811
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.4 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.043 ng
RT: 14.733 min Scan# 1931
Delta R.T. 0.420 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:165 Resp: 13538
Ion Ratio Lower Upper
165 100
63 1.8 43.7 65.5#
89 2.6 45.0 67.4#

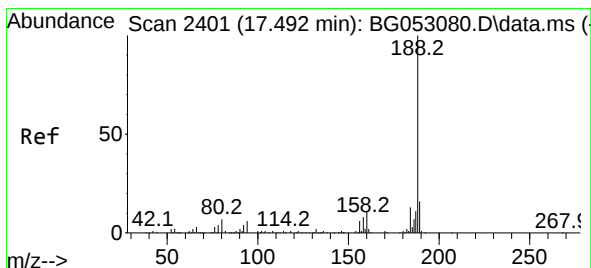
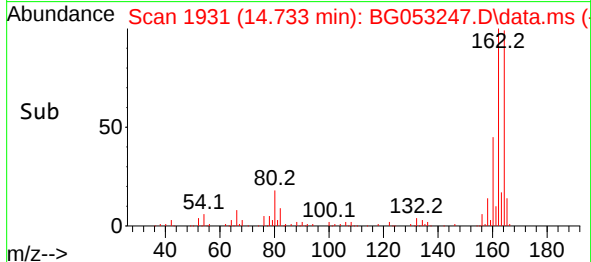
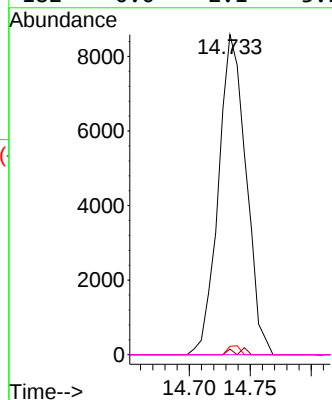
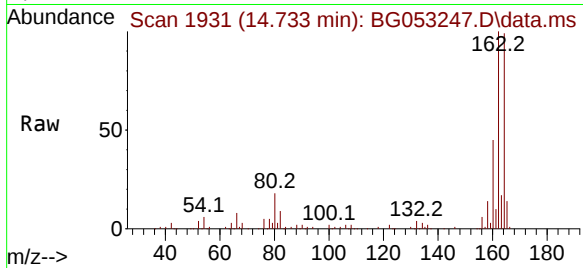




#57
2,4-Dinitrotoluene
Concen: 5.649 ng
RT: 14.733 min Scan# 1931
Delta R.T. -0.367 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

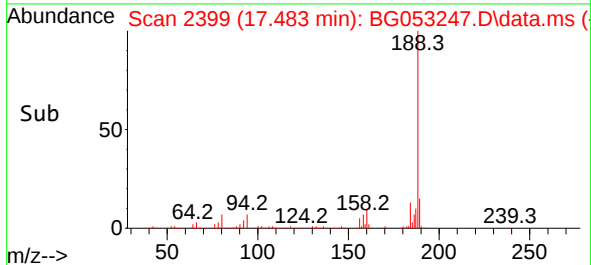
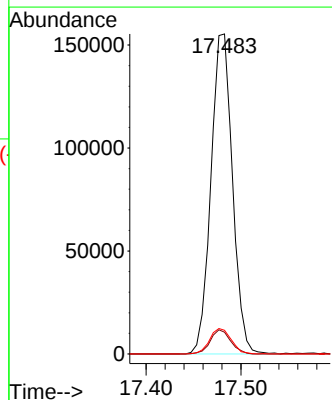
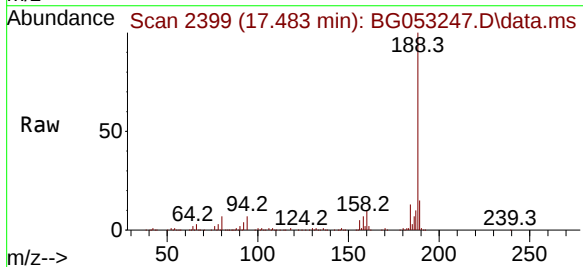
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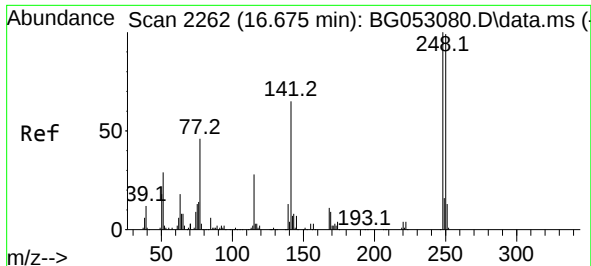
Tgt Ion:165 Resp: 13538
Ion Ratio Lower Upper
165 100
63 1.8 34.8 52.2#
89 2.6 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2399
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:188 Resp: 244913
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.4 7.2 10.8

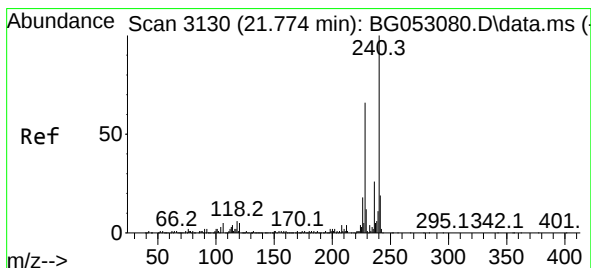
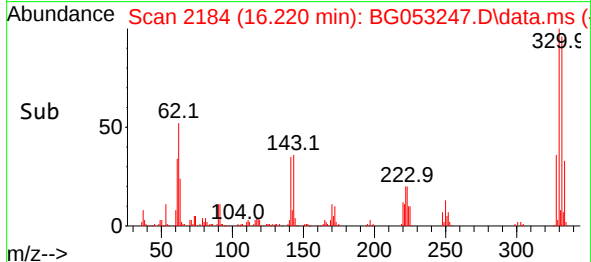
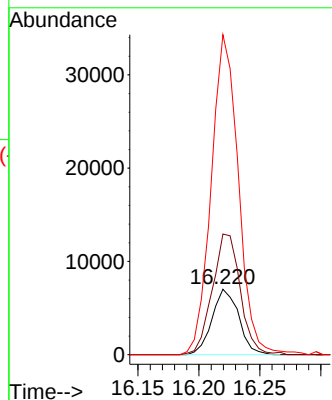
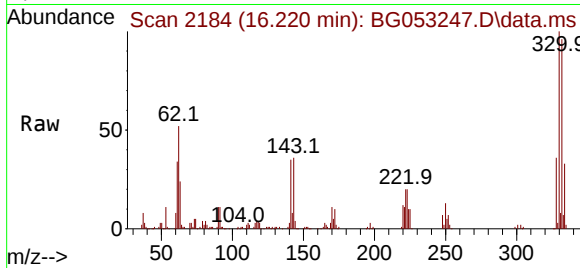




#67
4-Bromophenyl-phenylether
Concen: 3.408 ng
RT: 16.220 min Scan# 2184
Delta R.T. -0.455 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

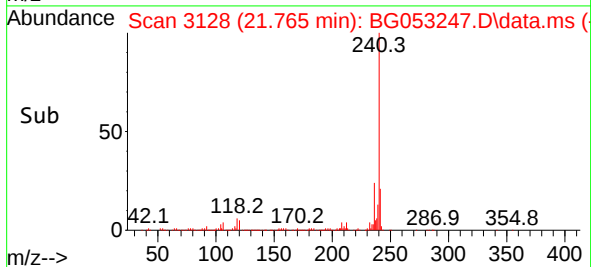
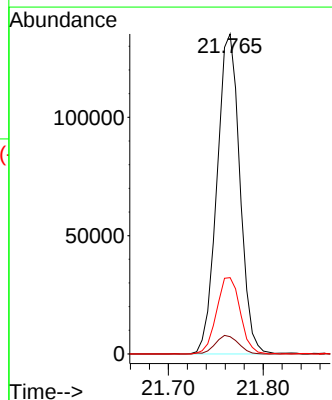
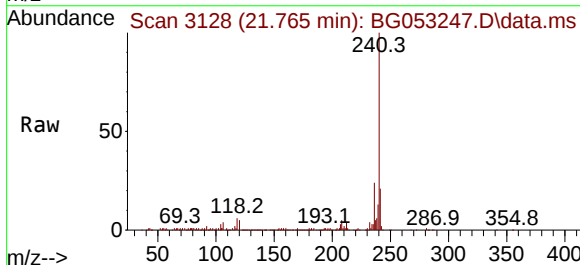
Instrument :
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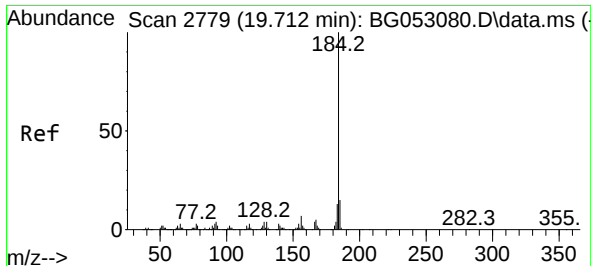
Tgt Ion:248 Resp: 10696
Ion Ratio Lower Upper
248 100
250 184.3 77.9 116.9#
141 488.8 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:240 Resp: 226402
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 23.9 19.8 29.6

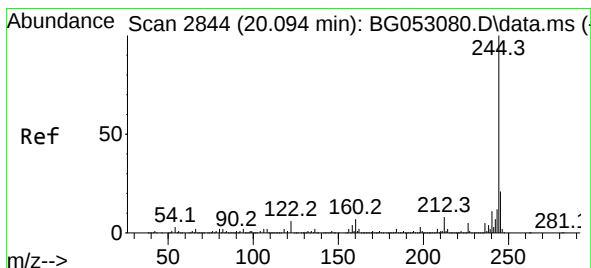
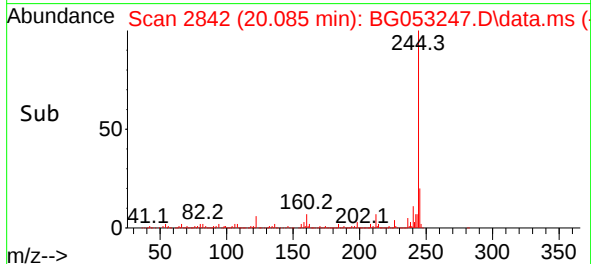
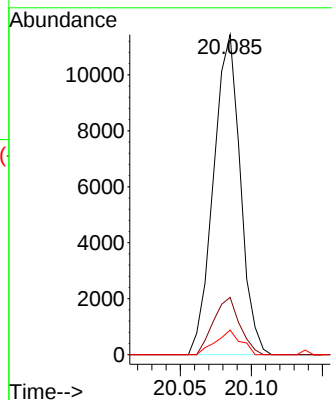
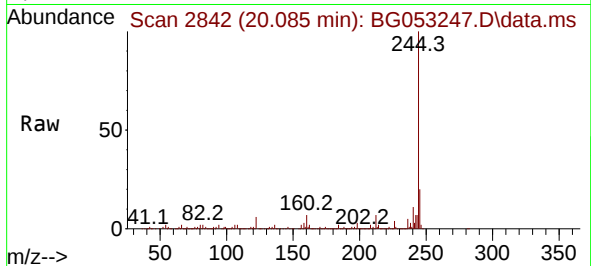




#77
Benzidine
Concen: 2.326 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

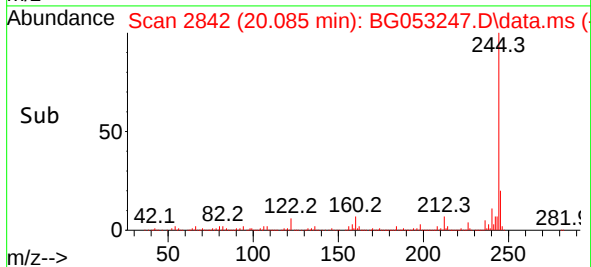
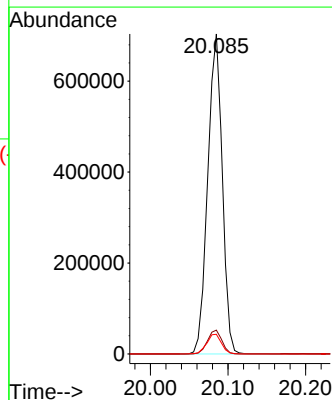
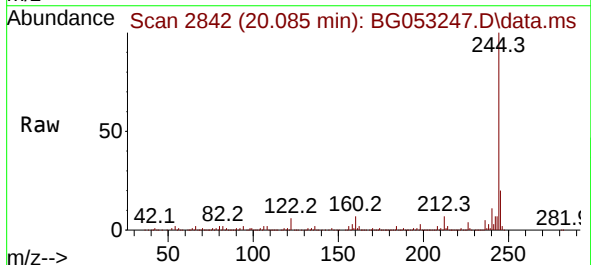
Instrument :
BNA_G
ClientSampleId :
SB-9145

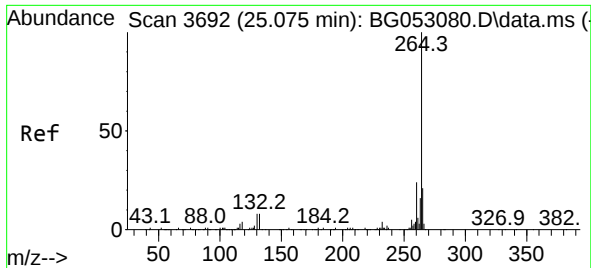
Tgt Ion:184 Resp: 15027
Ion Ratio Lower Upper
184 100
185 17.9 11.5 17.3#
183 7.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 68.507 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:244 Resp: 918352
Ion Ratio Lower Upper
244 100
212 7.5 5.4 8.2
122 6.2 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG053247.D
 Acq: 21 Apr 2022 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SB-9145

Tgt Ion:264 Resp: 223888
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 22.9 15.1 22.7#

