

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053168.D
 Acq On : 15 Apr 2022 17:22
 Operator : CG/JU
 Sample : N2432-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2105

Quant Time: Apr 18 03:16:06 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)

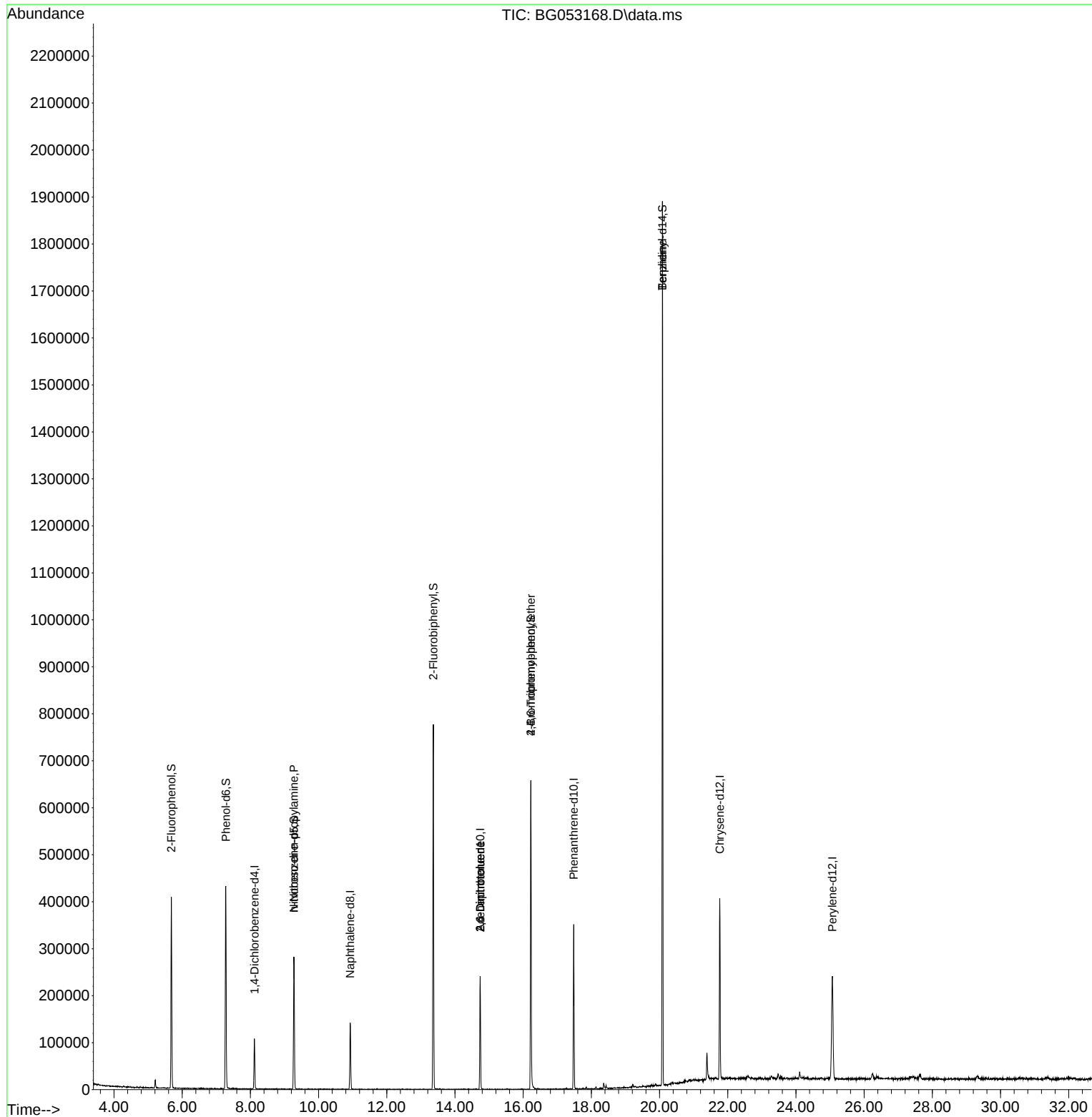
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	29540	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	116338	20.000	ng	# 0.00
39) Acenaphthene-d10	14.739	164	87217	20.000	ng	0.00
64) Phenanthrene-d10	17.482	188	218352	20.000	ng	0.00
76) Chrysene-d12	21.765	240	247338	20.000	ng	# 0.00
86) Perylene-d12	25.066	264	248169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	169701	98.476	ng	0.00
7) Phenol-d6	7.279	99	249872	94.027	ng	0.00
23) Nitrobenzene-d5	9.276	82	180055	62.841	ng	0.00
42) 2,4,6-Tribromophenol	16.225	330	142697	102.838	ng	0.00
45) 2-Fluorobiphenyl	13.364	172	408594	64.599	ng	0.00
79) Terphenyl-d14	20.085	244	939430	64.147	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.276	70	25733	13.227	ng	# 76
51) 2,6-Dinitrotoluene	14.739	165	11007	7.563	ng	# 25
57) 2,4-Dinitrotoluene	14.739	165	11007	5.312	ng	# 24
67) 4-Bromophenyl-phenylether	16.225	248	9384	3.354	ng	# 1
77) Benzidine	20.085	184	15535	2.201	ng	# 91

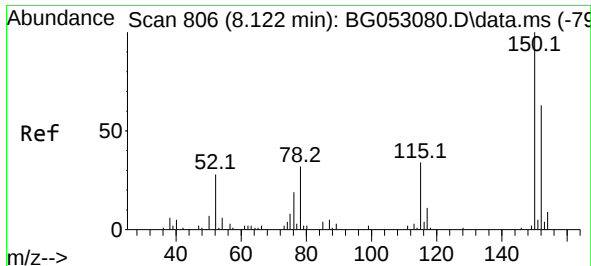
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
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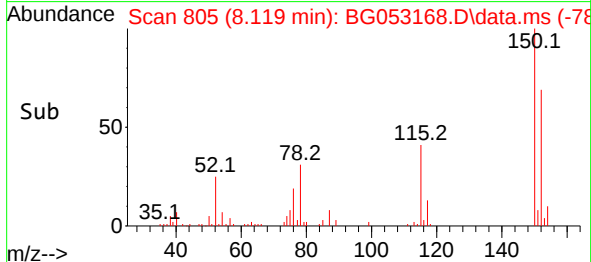
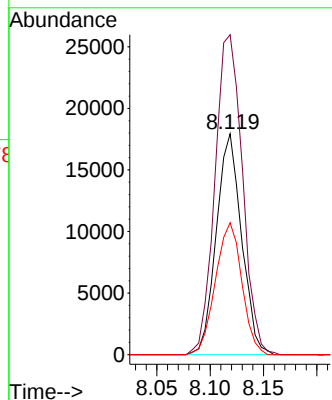
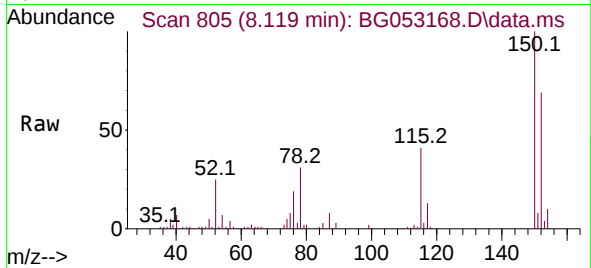




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

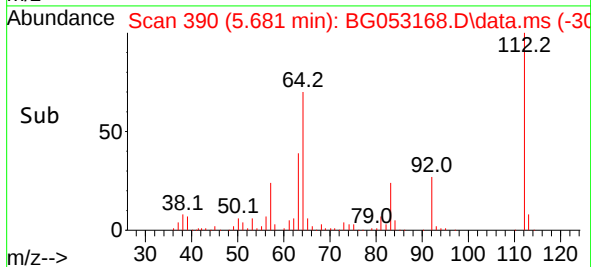
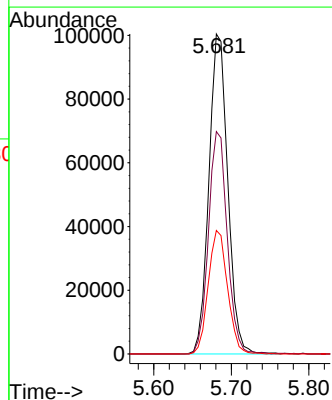
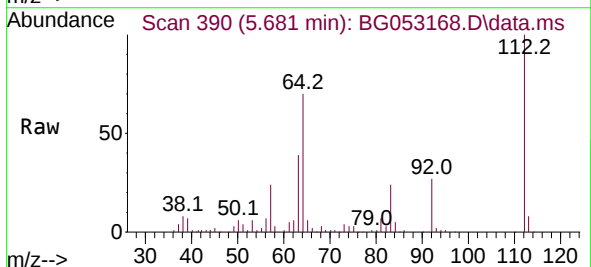
Instrument :
BNA_G
ClientSampleId :
SB-2105

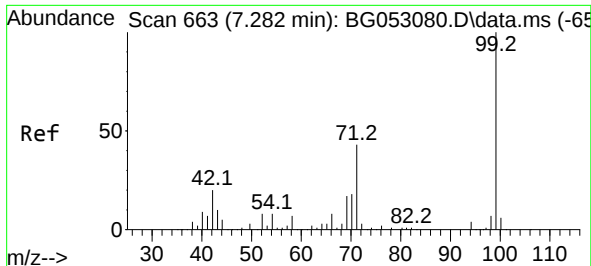
Tgt Ion:152 Resp: 29540
Ion Ratio Lower Upper
152 100
150 144.9 114.6 172.0
115 59.8 45.9 68.9



#5
2-Fluorophenol
Concen: 98.476 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion:112 Resp: 169701
Ion Ratio Lower Upper
112 100
64 69.5 48.0 72.0
63 38.6 26.5 39.7

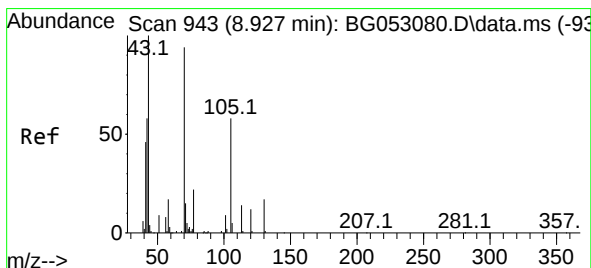
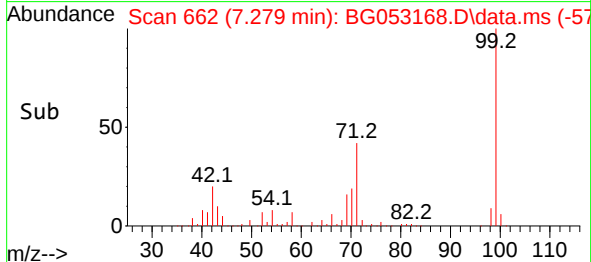
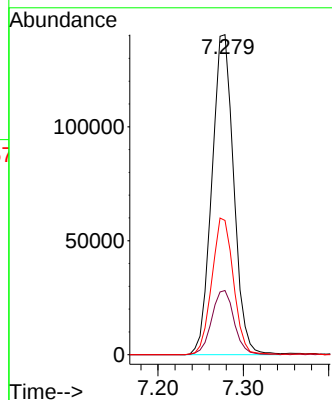
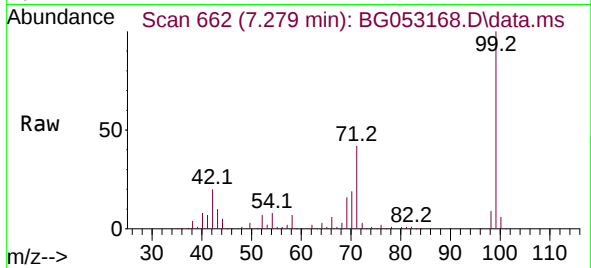




#7
Phenol-d6
Concen: 94.027 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

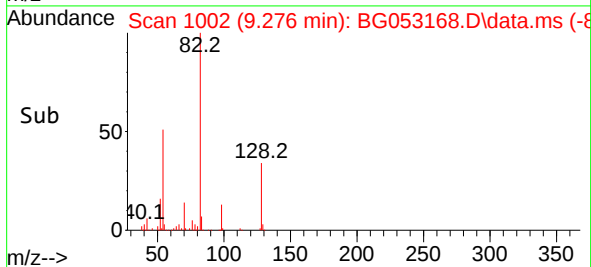
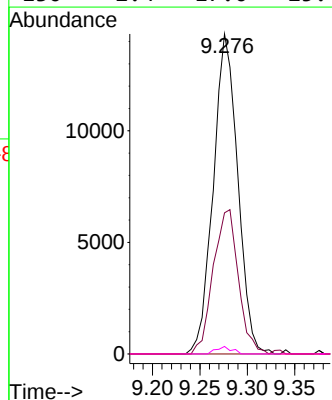
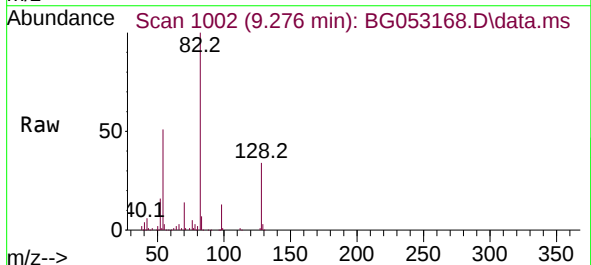
Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion: 99 Resp: 249872
Ion Ratio Lower Upper
99 100
42 20.1 14.7 22.1
71 41.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.227 ng
RT: 9.276 min Scan# 1002
Delta R.T. 0.349 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion: 70 Resp: 25733
Ion Ratio Lower Upper
70 100
42 44.1 46.0 69.0#
101 0.0 6.2 9.4#
130 2.4 17.0 25.4#



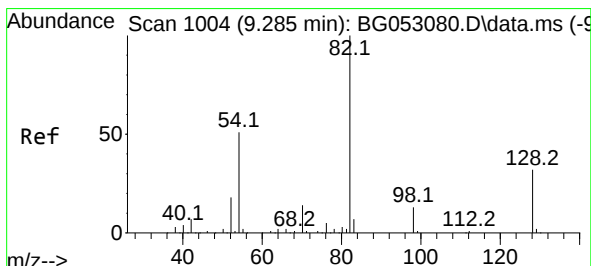
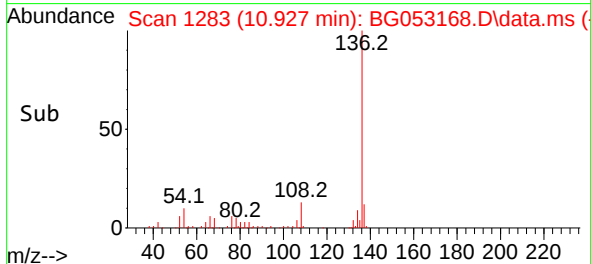
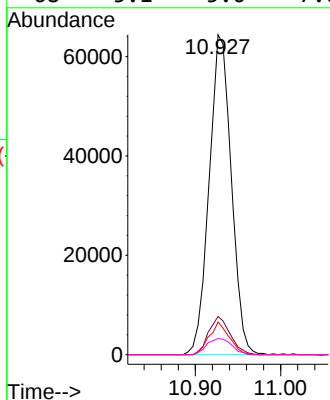
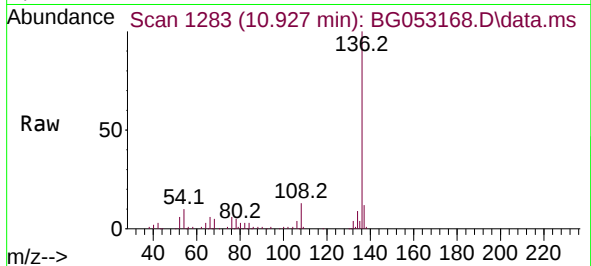


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion:136 Resp: 116338

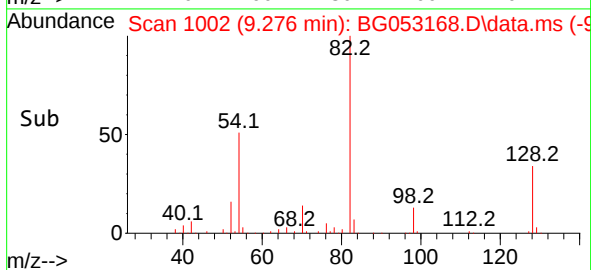
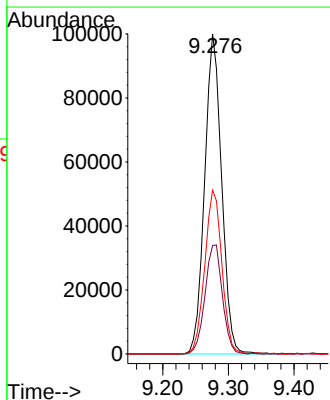
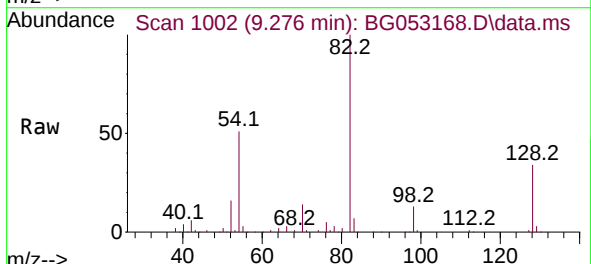
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.4	14.2
54	10.2	6.4	9.6#
68	5.1	5.0	7.6

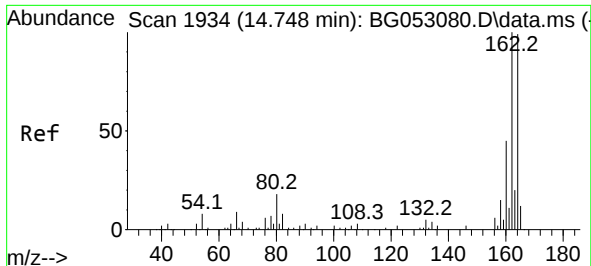


#23
Nitrobenzene-d5
Concen: 62.841 ng
RT: 9.276 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion: 82 Resp: 180055

Ion	Ratio	Lower	Upper
82	100		
128	33.9	31.3	46.9
54	51.2	37.8	56.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.739 min Scan# 1932

Delta R.T. -0.009 min

Lab File: BG053168.D

Acq: 15 Apr 2022 17:22

Instrument :

BNA_G

ClientSampleId :

SB-2105

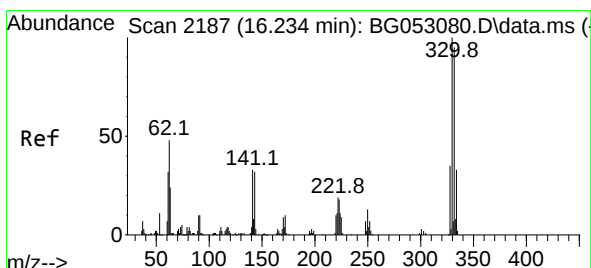
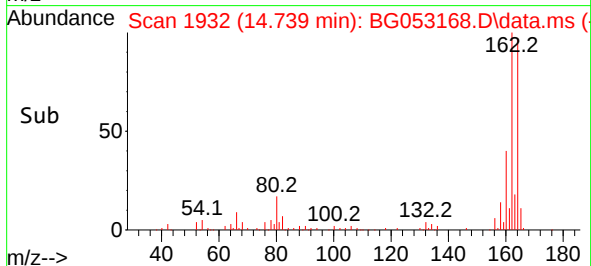
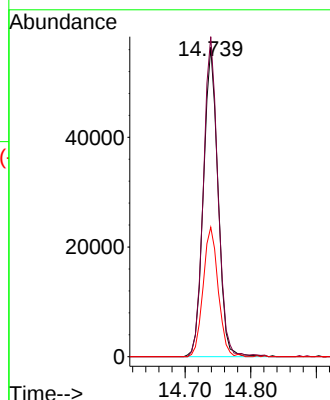
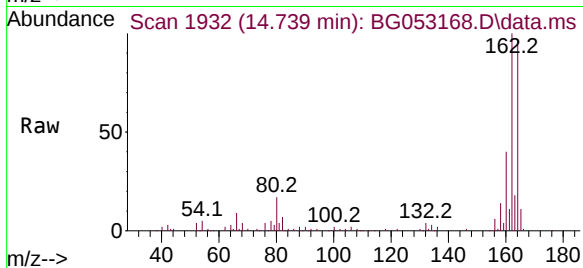
Tgt Ion:164 Resp: 87217

Ion Ratio Lower Upper

164 100

162 103.5 80.0 120.0

160 41.8 38.8 58.2



#42

2,4,6-Tribromophenol

Concen: 102.838 ng

RT: 16.225 min Scan# 2185

Delta R.T. -0.009 min

Lab File: BG053168.D

Acq: 15 Apr 2022 17:22

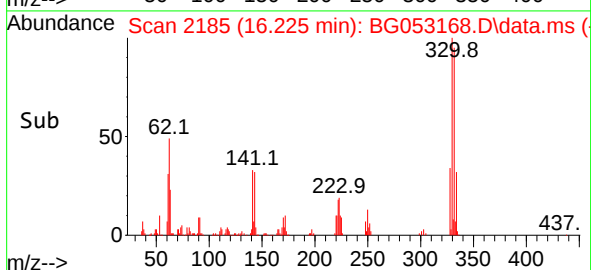
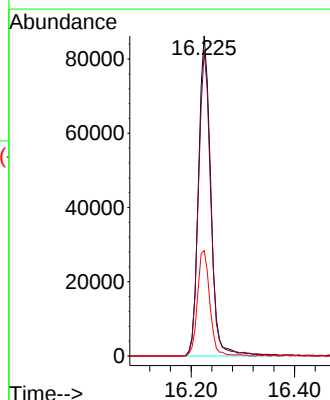
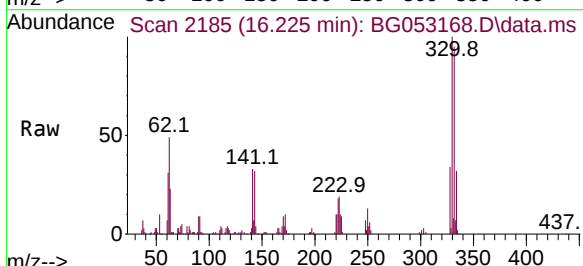
Tgt Ion:330 Resp: 142697

Ion Ratio Lower Upper

330 100

332 95.1 75.8 113.6

141 32.6 24.6 36.8

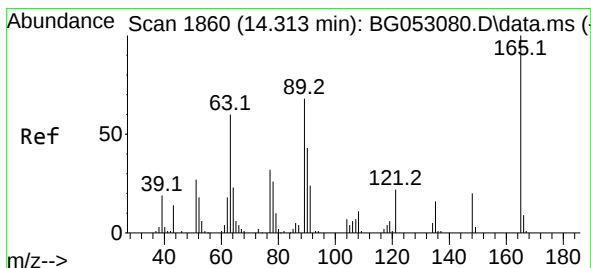
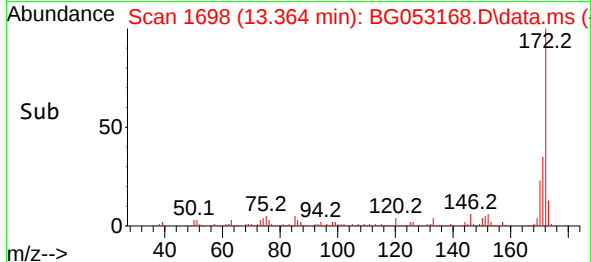
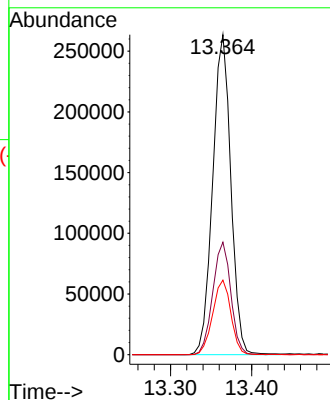
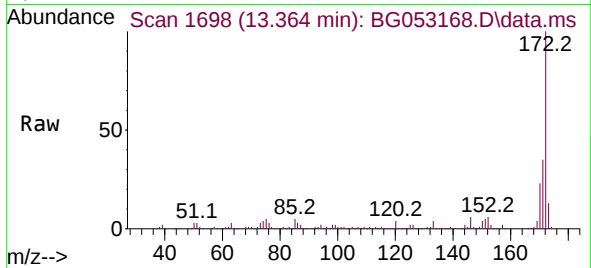




#45
2-Fluorobiphenyl
Concen: 64.599 ng
RT: 13.364 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

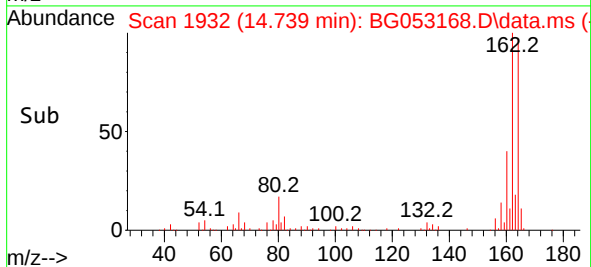
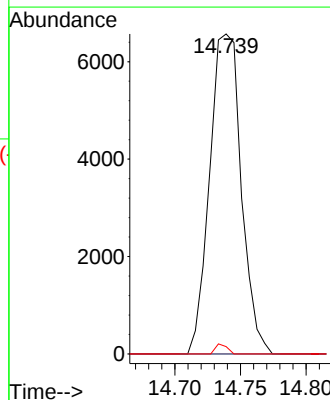
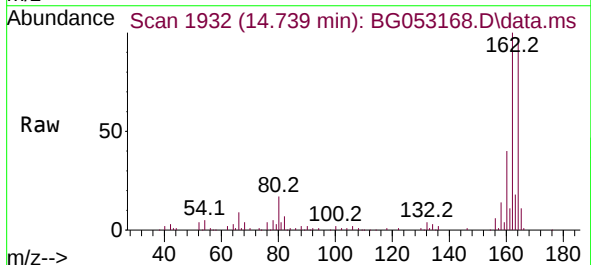
Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion:172 Resp: 408594
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.563 ng
RT: 14.739 min Scan# 1932
Delta R.T. 0.426 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion:165 Resp: 11007
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: 5.312 ng

RT: 14.739 min Scan# 1994

Delta R.T. -0.362 min

Lab File: BG053168.D

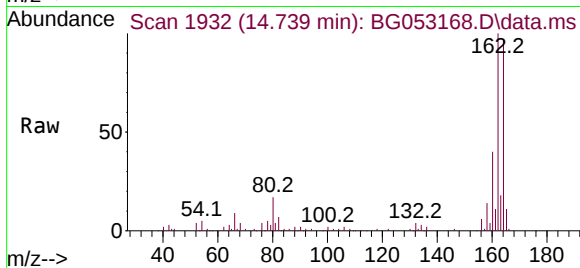
Acq: 15 Apr 2022 17:22

Instrument :

BNA_G

ClientSampleId :

SB-2105



Tgt Ion:165 Resp: 11007

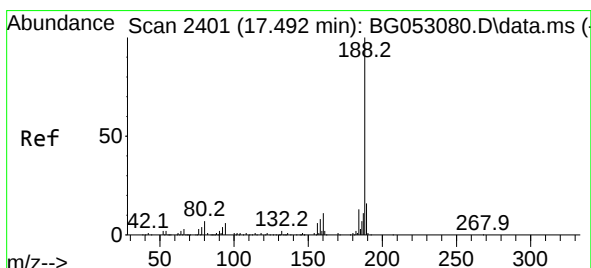
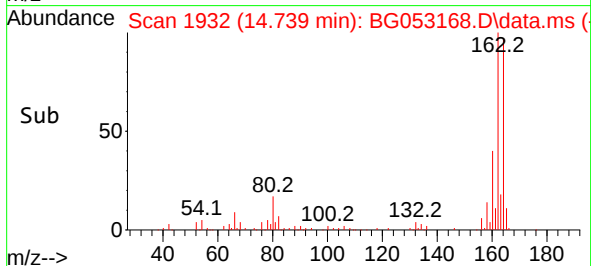
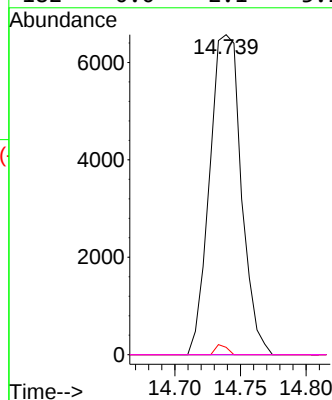
Ion Ratio Lower Upper

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: 17.482 min Scan# 2399

Delta R.T. -0.009 min

Lab File: BG053168.D

Acq: 15 Apr 2022 17:22

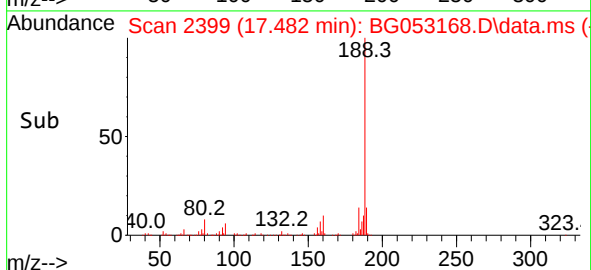
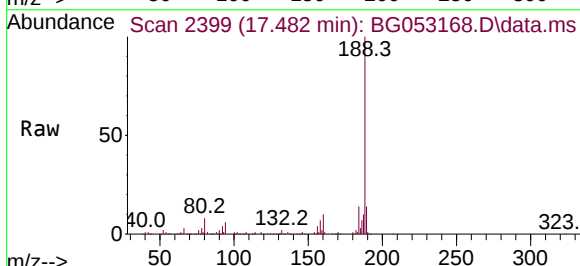
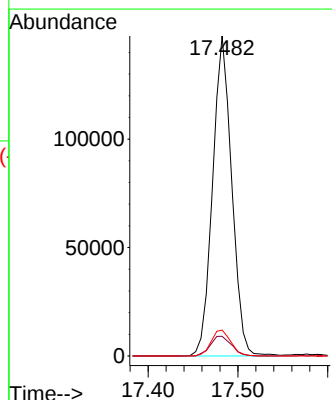
Tgt Ion:188 Resp: 218352

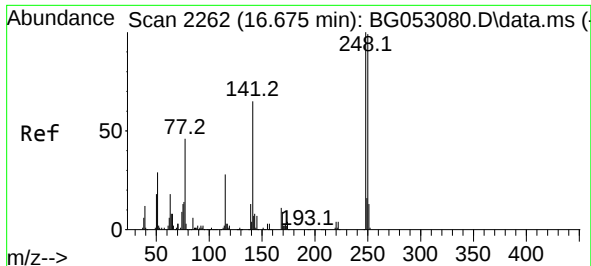
Ion Ratio Lower Upper

188 100

94 6.2 5.7 8.5

80 8.1 7.2 10.8

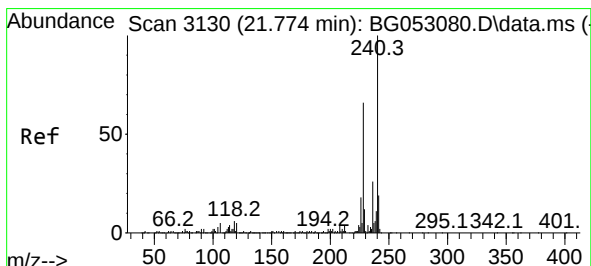
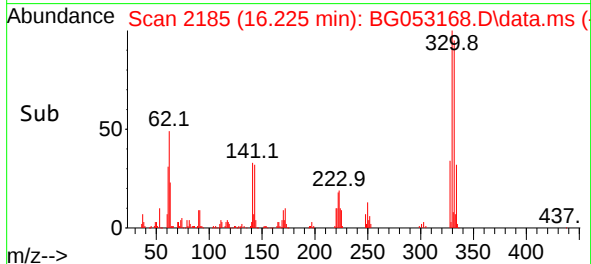
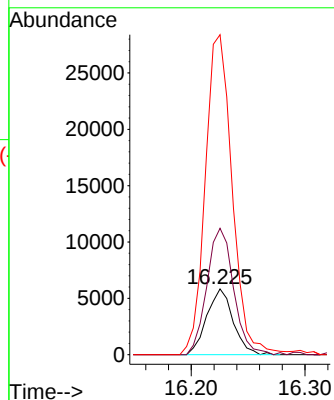
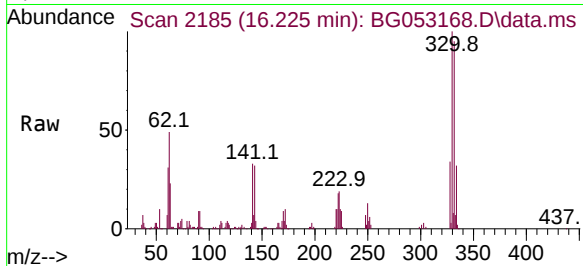




#67
4-Bromophenyl-phenylether
Concen: 3.354 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.450 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

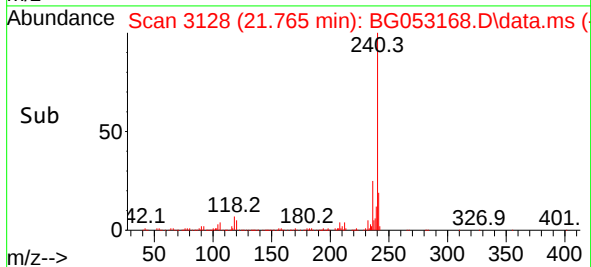
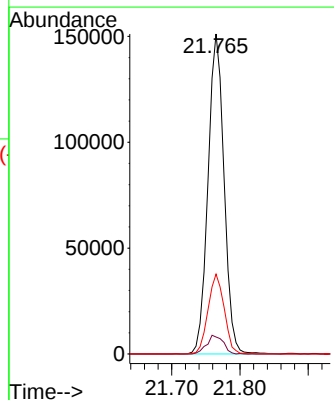
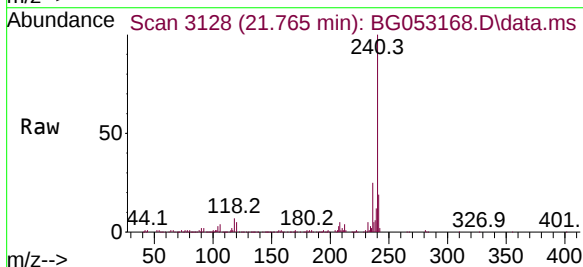
Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion:248 Resp: 9384
Ion Ratio Lower Upper
248 100
250 192.3 77.9 116.9#
141 487.1 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: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion:240 Resp: 247338
Ion Ratio Lower Upper
240 100
120 5.3 5.4 8.0#
236 25.0 19.8 29.6

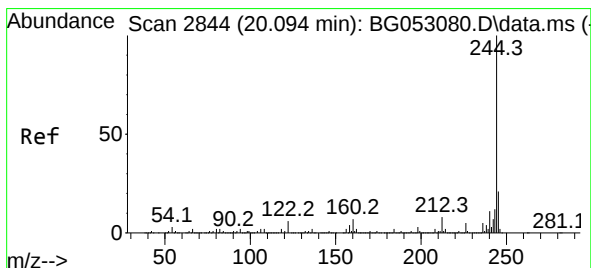
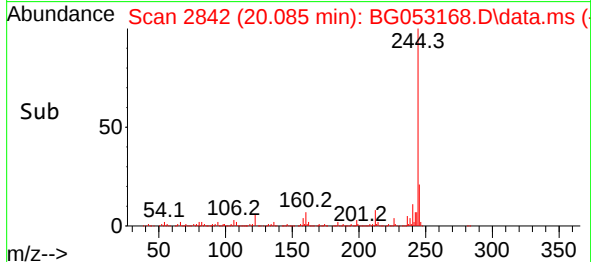
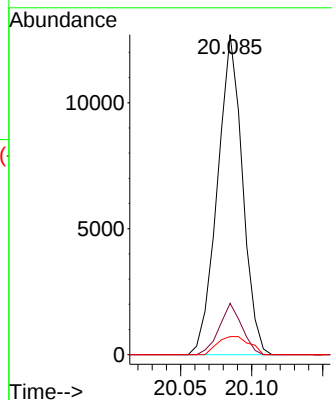
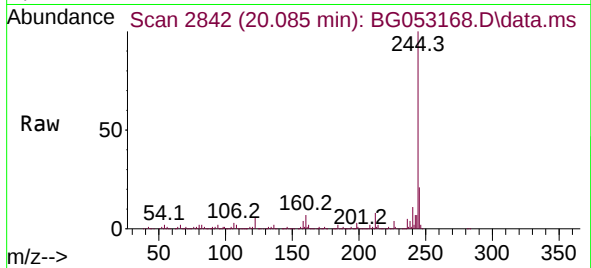




#77
Benzidine
Concen: 2.201 ng
RT: 20.085 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

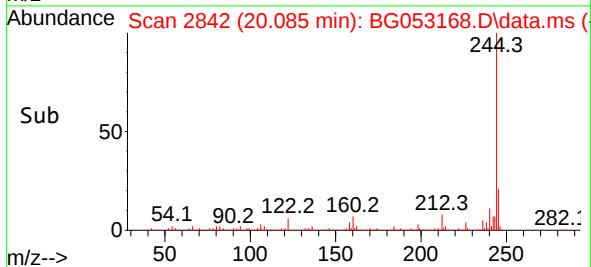
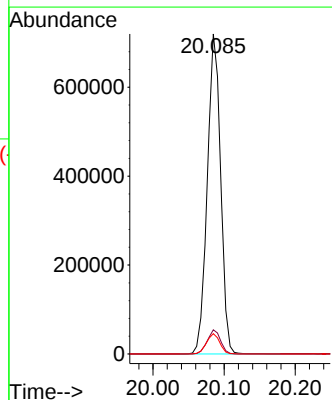
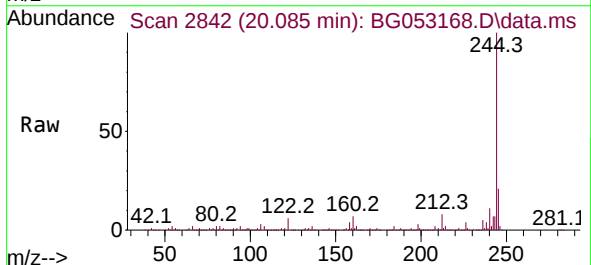
Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion:184 Resp: 15535
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 64.147 ng
RT: 20.085 min Scan# 2842
Delta R.T. -0.009 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Tgt Ion:244 Resp: 939430
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.3 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.066 min Scan# 30
Delta R.T. -0.009 min
Lab File: BG053168.D
Acq: 15 Apr 2022 17:22

Instrument :
BNA_G
ClientSampleId :
SB-2105

Tgt Ion:264 Resp: 248169

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.2	27.2
265	21.8	15.1	22.7

