

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053398.D
 Acq On : 2 May 2022 14:23
 Operator : CG/JU
 Sample : N2637-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DS-2

Quant Time: May 02 16:48:06 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)

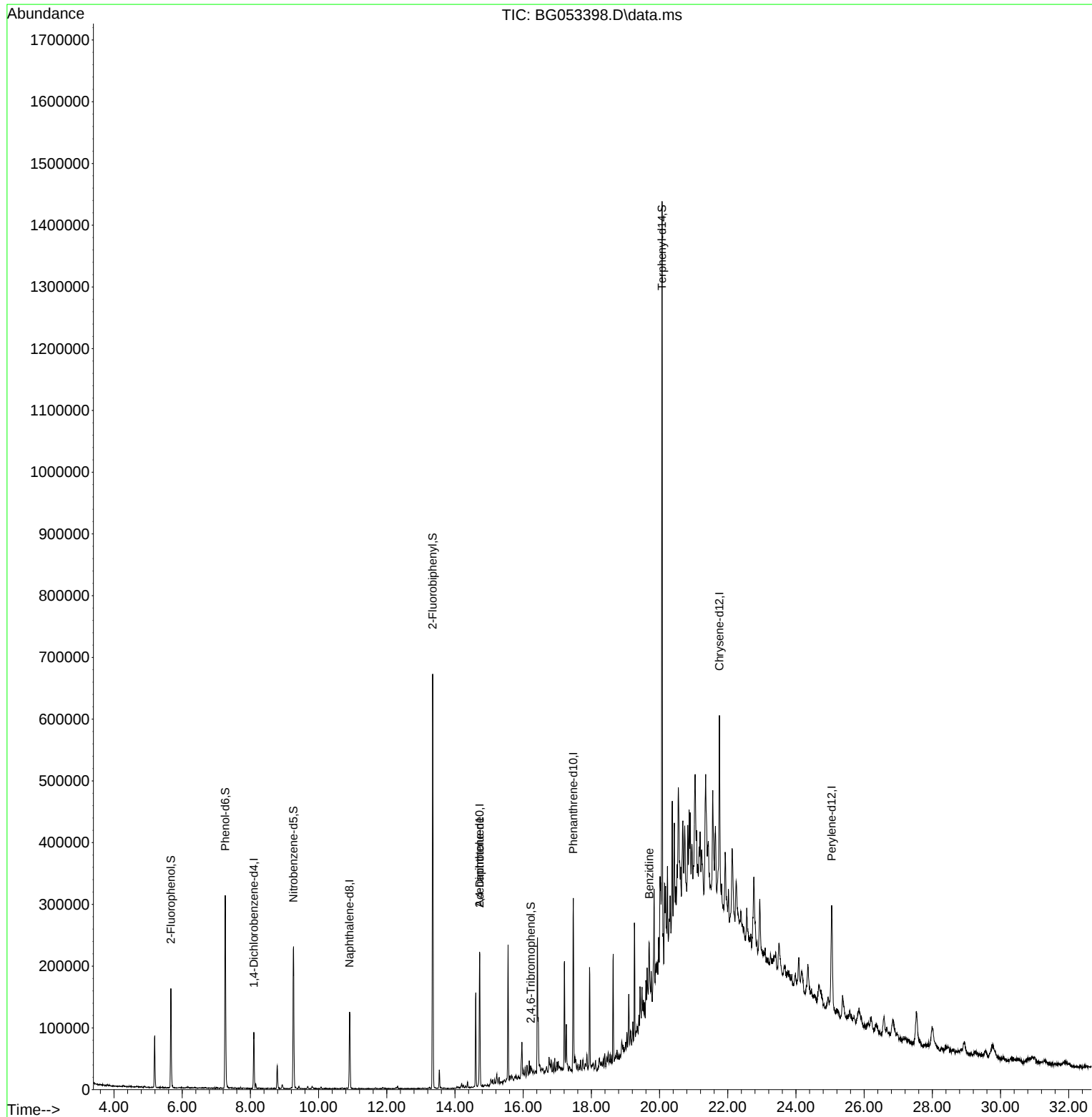
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.101	152	25100	20.000	ng	-0.01
21) Naphthalene-d8	10.909	136	103275	20.000	ng	-0.01
39) Acenaphthene-d10	14.721	164	80932	20.000	ng	-0.01
64) Phenanthrene-d10	17.471	188	174290	20.000	ng	-0.01
76) Chrysene-d12	21.753	240	169291	20.000	ng	-0.01
86) Perylene-d12	25.049	264	174149	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	69387	47.387	ng	0.00
7) Phenol-d6	7.261	99	189532	83.937	ng	-0.01
23) Nitrobenzene-d5	9.264	82	150217	59.059	ng	-0.01
42) 2,4,6-Tribromophenol	16.225	330	2815	2.186	ng	0.00
45) 2-Fluorobiphenyl	13.347	172	356712	60.776	ng	-0.01
79) Terphenyl-d14	20.073	244	602062	60.064	ng	-0.01
Target Compounds						
						Qvalue
57) 2,4-Dinitrotoluene	14.721	165	9919	5.159	ng	# 22
77) Benzidine	19.697	184	28839	5.971	ng	# 94

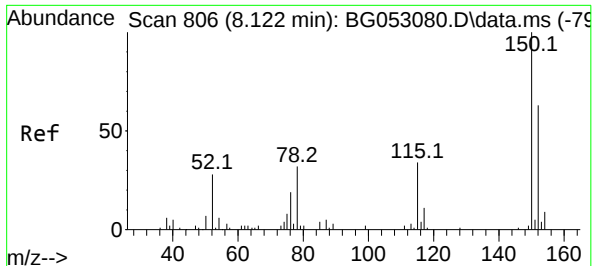
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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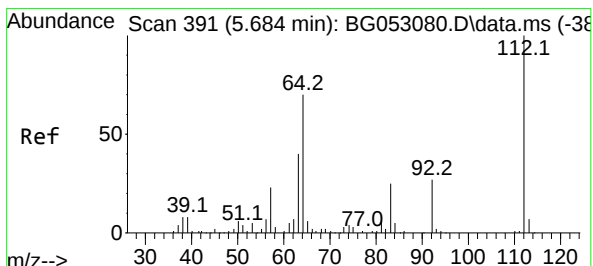
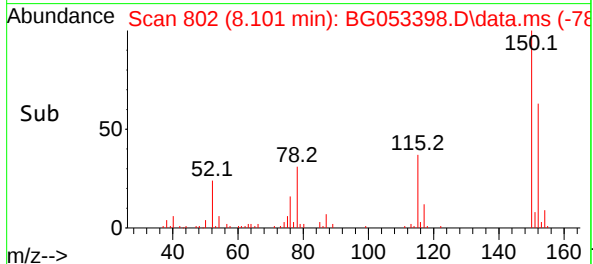
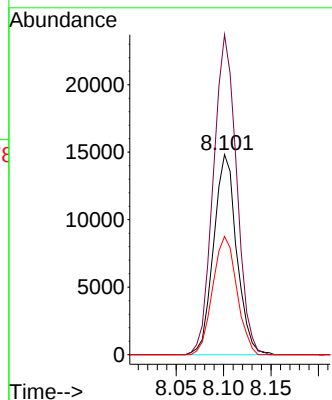
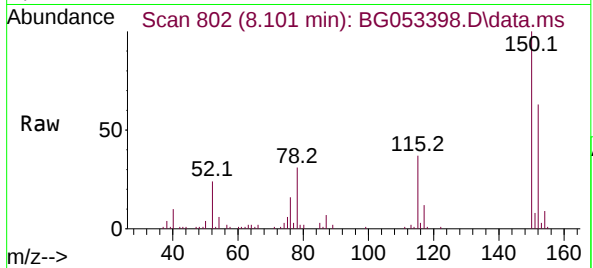




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.101 min Scan# 806
Delta R.T. -0.012 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

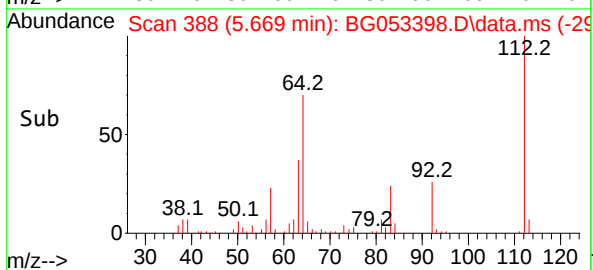
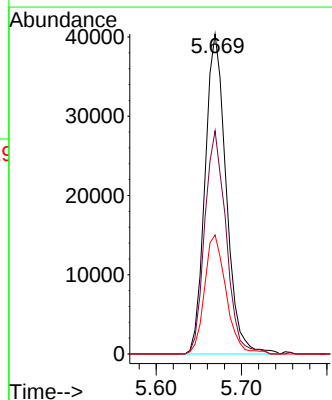
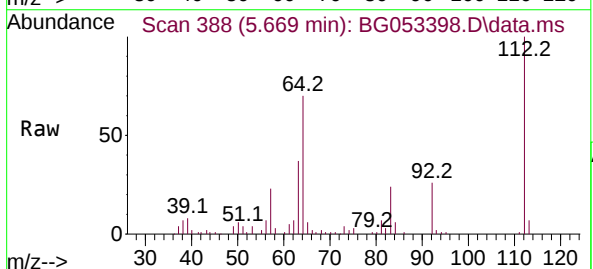
Instrument :
BNA_G
ClientSampleId :
DS-2

Tgt Ion:152 Resp: 25100
Ion Ratio Lower Upper
152 100
150 159.8 114.6 172.0
115 59.0 45.9 68.9



#5
2-Fluorophenol
Concen: 47.387 ng
RT: 5.669 min Scan# 388
Delta R.T. -0.007 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

Tgt Ion:112 Resp: 69387
Ion Ratio Lower Upper
112 100
64 69.8 48.0 72.0
63 37.2 26.5 39.7

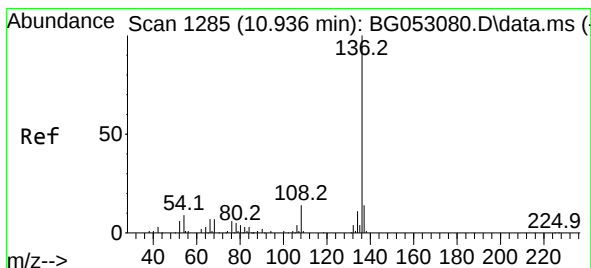
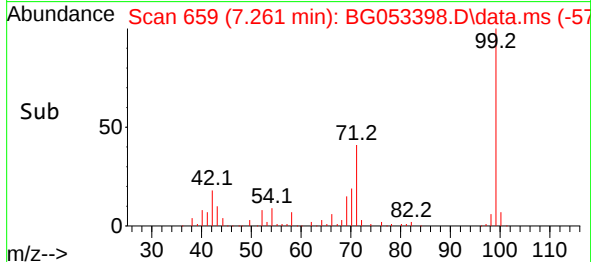
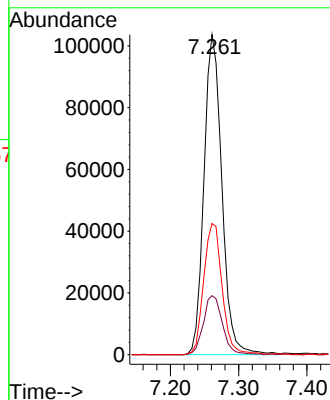
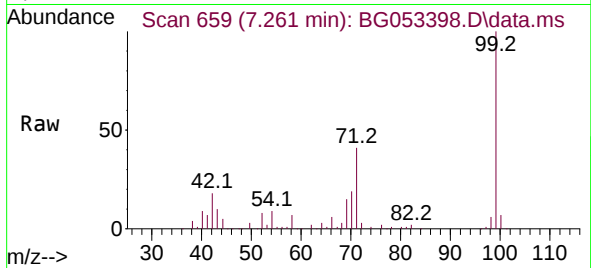




#7
Phenol-d6
Concen: 83.937 ng
RT: 7.261 min Scan# 61
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

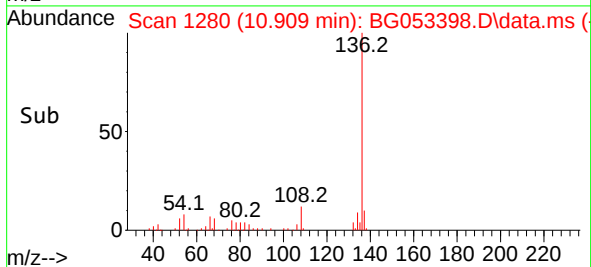
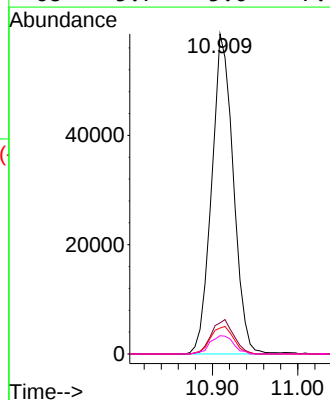
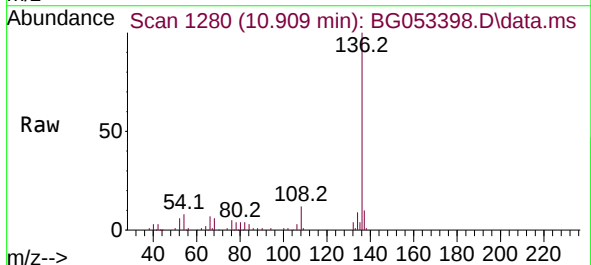
Instrument :
BNA_G
ClientSampleId :
DS-2

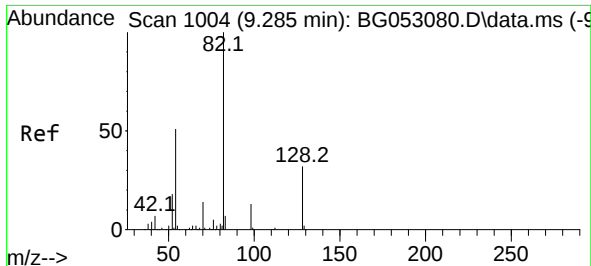
Tgt Ion: 99 Resp: 189532
Ion Ratio Lower Upper
99 100
42 18.4 14.7 22.1
71 41.0 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.909 min Scan# 1280
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

Tgt Ion:136 Resp: 103275
Ion Ratio Lower Upper
136 100
137 9.7 9.4 14.2
54 8.1 6.4 9.6
68 5.7 5.0 7.6

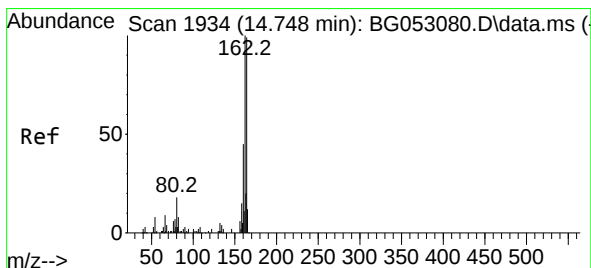
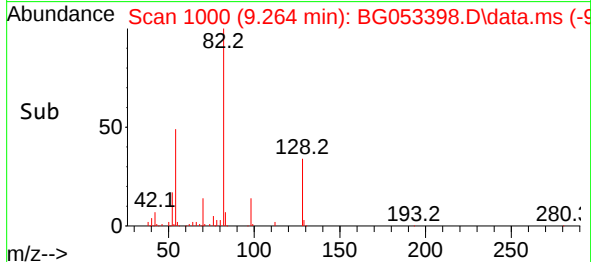
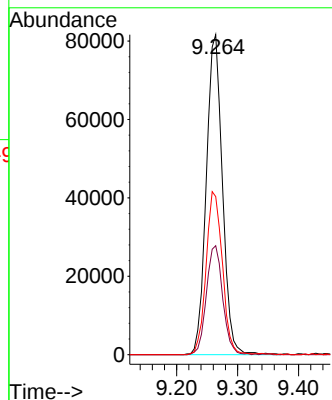
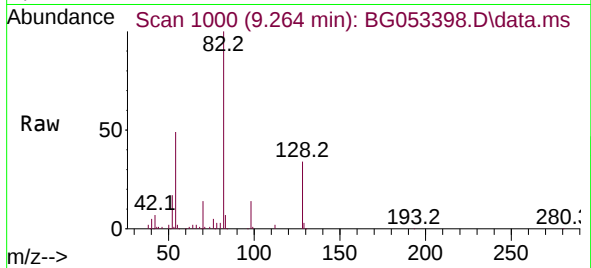




#23
Nitrobenzene-d5
Concen: 59.059 ng
RT: 9.264 min Scan# 1000
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

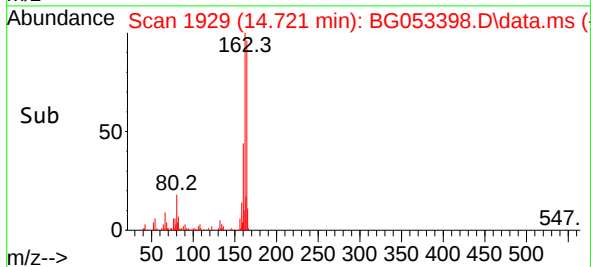
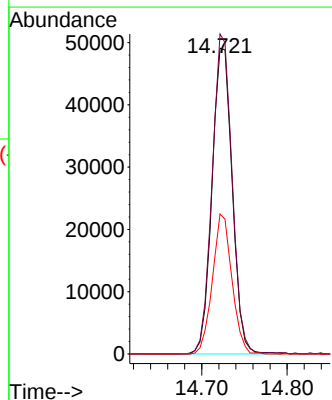
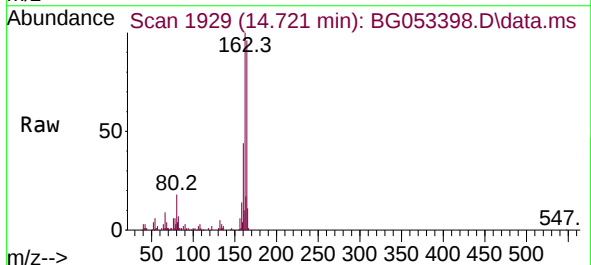
Instrument :
BNA_G
ClientSampleId :
DS-2

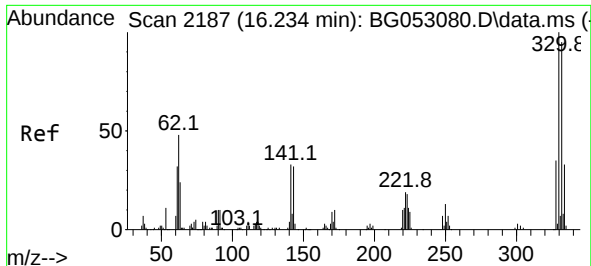
Tgt Ion: 82 Resp: 150217
Ion Ratio Lower Upper
82 100
128 34.1 31.3 46.9
54 49.4 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.721 min Scan# 1929
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

Tgt Ion:164 Resp: 80932
Ion Ratio Lower Upper
164 100
162 104.6 80.0 120.0
160 45.8 38.8 58.2

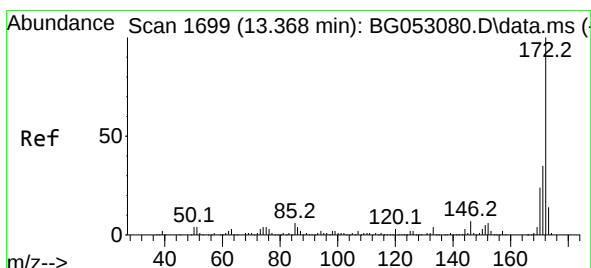
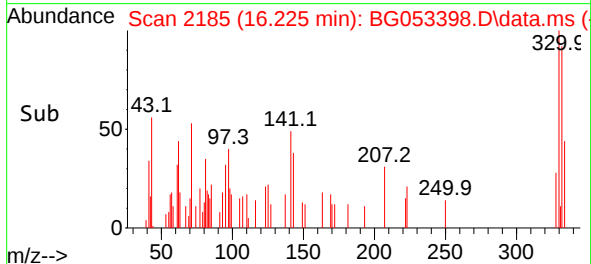
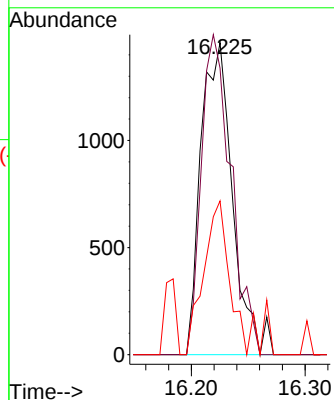
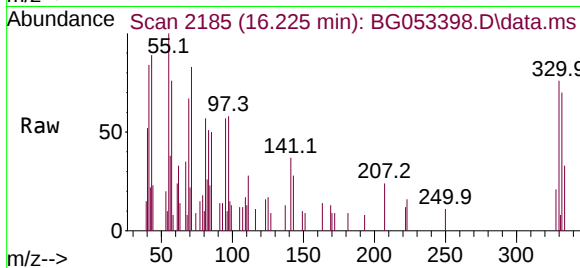




#42
2,4,6-Tribromophenol
Concen: 2.186 ng
RT: 16.225 min Scan# 2187
Delta R.T. -0.001 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

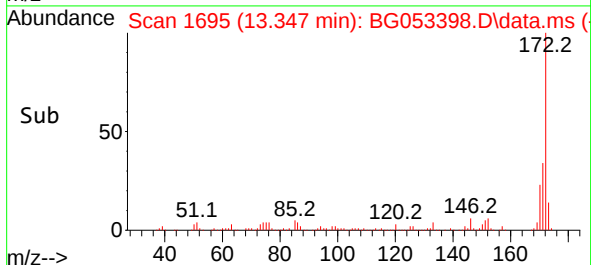
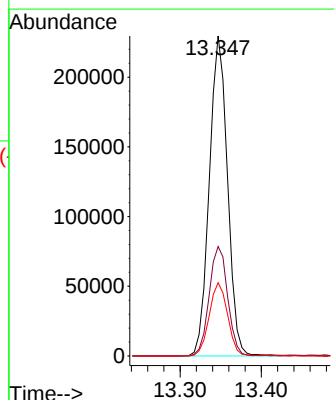
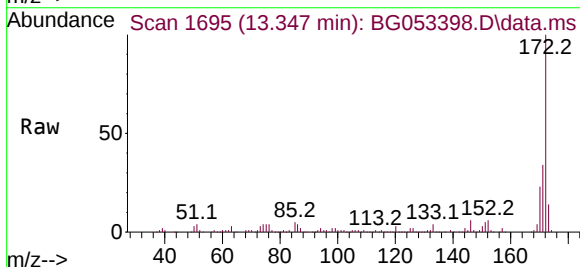
Instrument :
BNA_G
ClientSampleId :
DS-2

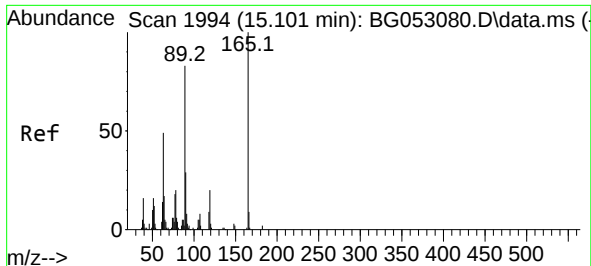
Tgt Ion:330 Resp: 2815
Ion Ratio Lower Upper
330 100
332 96.1 75.8 113.6
141 39.6 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 60.776 ng
RT: 13.347 min Scan# 1695
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

Tgt Ion:172 Resp: 356712
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 22.9 18.0 27.0

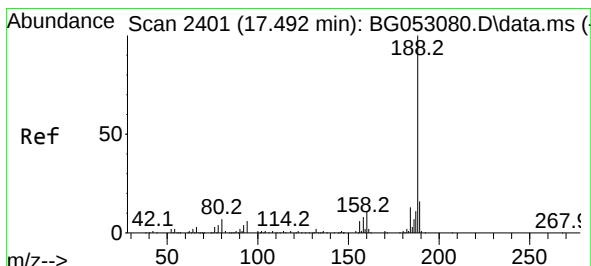
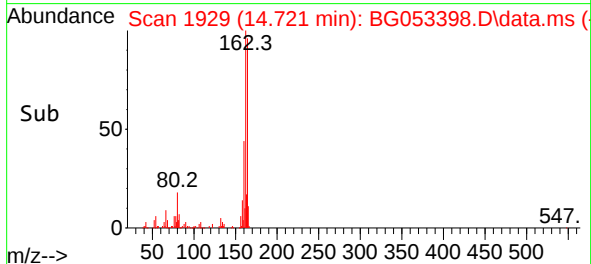
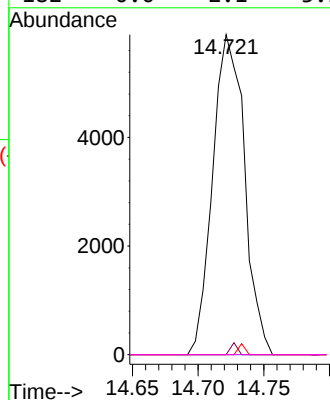
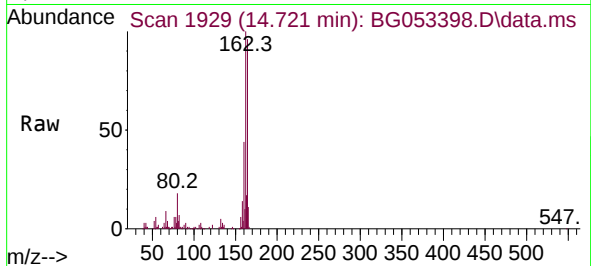




#57
2,4-Dinitrotoluene
Concen: 5.159 ng
RT: 14.721 min Scan# 1994
Delta R.T. -0.371 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

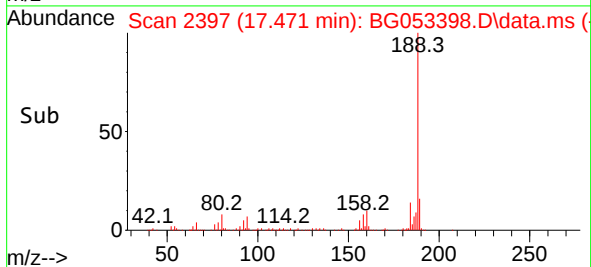
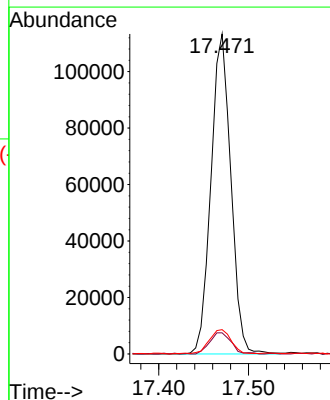
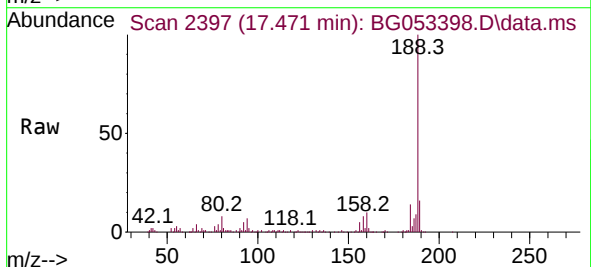
Instrument :
BNA_G
ClientSampleId :
DS-2

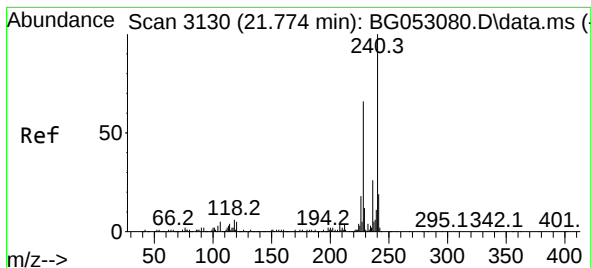
Tgt Ion:165 Resp: 9919
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.471 min Scan# 2397
Delta R.T. -0.013 min
Lab File: BG053398.D
Acq: 2 May 2022 14:23

Tgt Ion:188 Resp: 174290
Ion Ratio Lower Upper
188 100
94 6.6 5.7 8.5
80 7.6 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.753 min Scan# 31

Delta R.T. -0.013 min

Lab File: BG053398.D

Acq: 2 May 2022 14:23

Instrument :

BNA_G

ClientSampleId :

DS-2

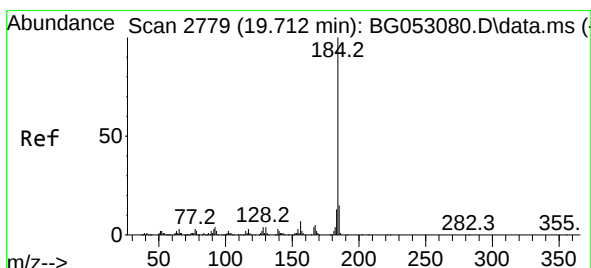
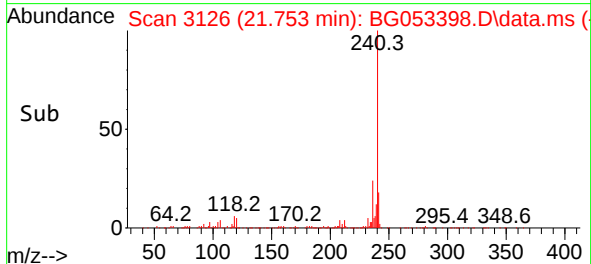
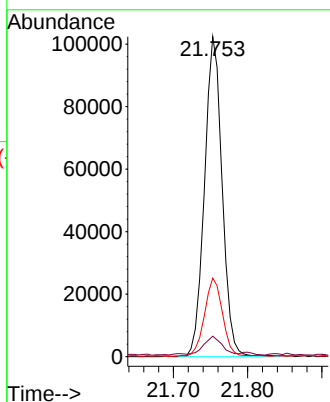
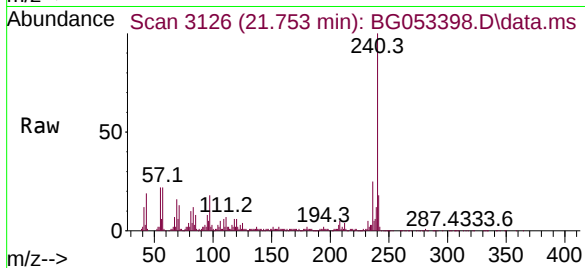
Tgt Ion:240 Resp: 169291

Ion Ratio Lower Upper

240 100

120 6.4 5.4 8.0

236 24.6 19.8 29.6



#77

Benzidine

Concen: 5.971 ng

RT: 19.697 min Scan# 2776

Delta R.T. -0.007 min

Lab File: BG053398.D

Acq: 2 May 2022 14:23

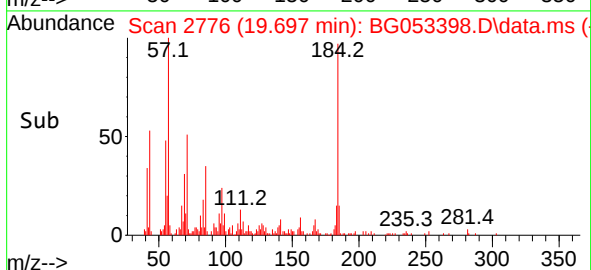
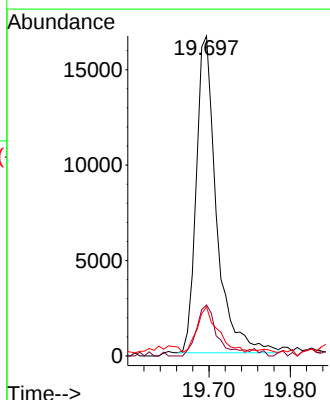
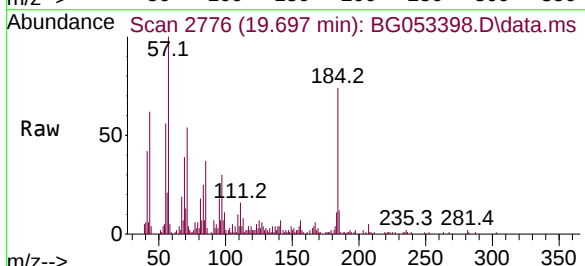
Tgt Ion:184 Resp: 28839

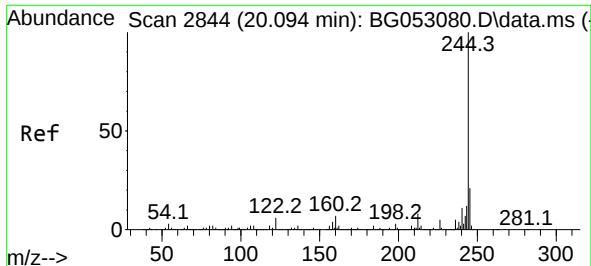
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

183 15.3 9.4 14.2#

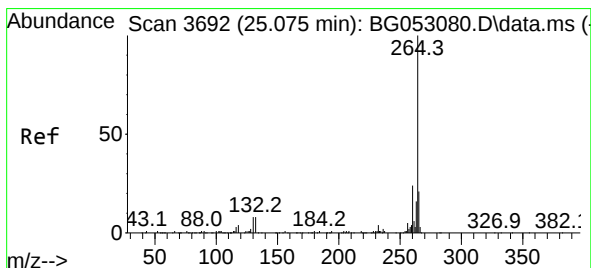
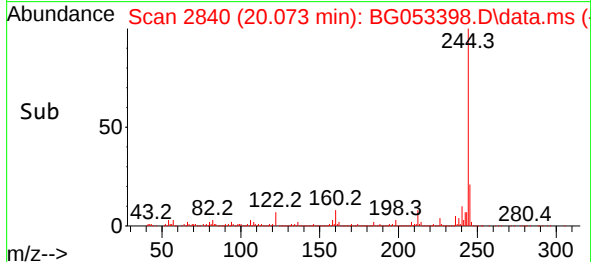
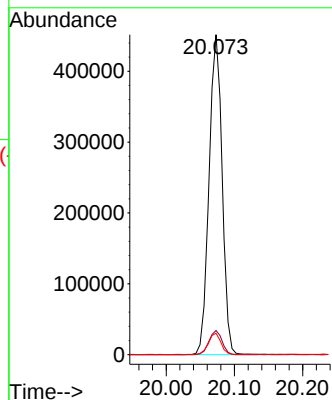
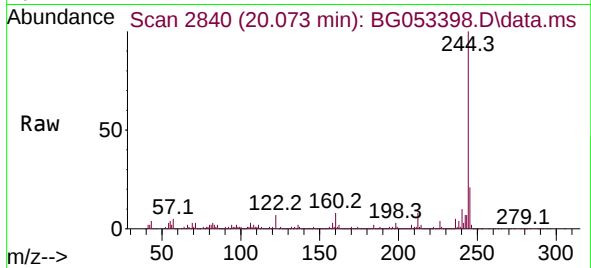




#79
 Terphenyl-d14
 Concen: 60.064 ng
 RT: 20.073 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG053398.D
 Acq: 2 May 2022 14:23

Instrument :
 BNA_G
 ClientSampleId :
 DS-2

Tgt Ion:244 Resp: 602062
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.7 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.049 min Scan# 3687
 Delta R.T. -0.013 min
 Lab File: BG053398.D
 Acq: 2 May 2022 14:23

Tgt Ion:264 Resp: 174149
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 21.3 15.1 22.7

