

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053699.D
 Acq On : 25 May 2022 18:31
 Operator : CG/JU
 Sample : N2895-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P030-SS001-2430-01

Quant Time: May 26 02:52:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

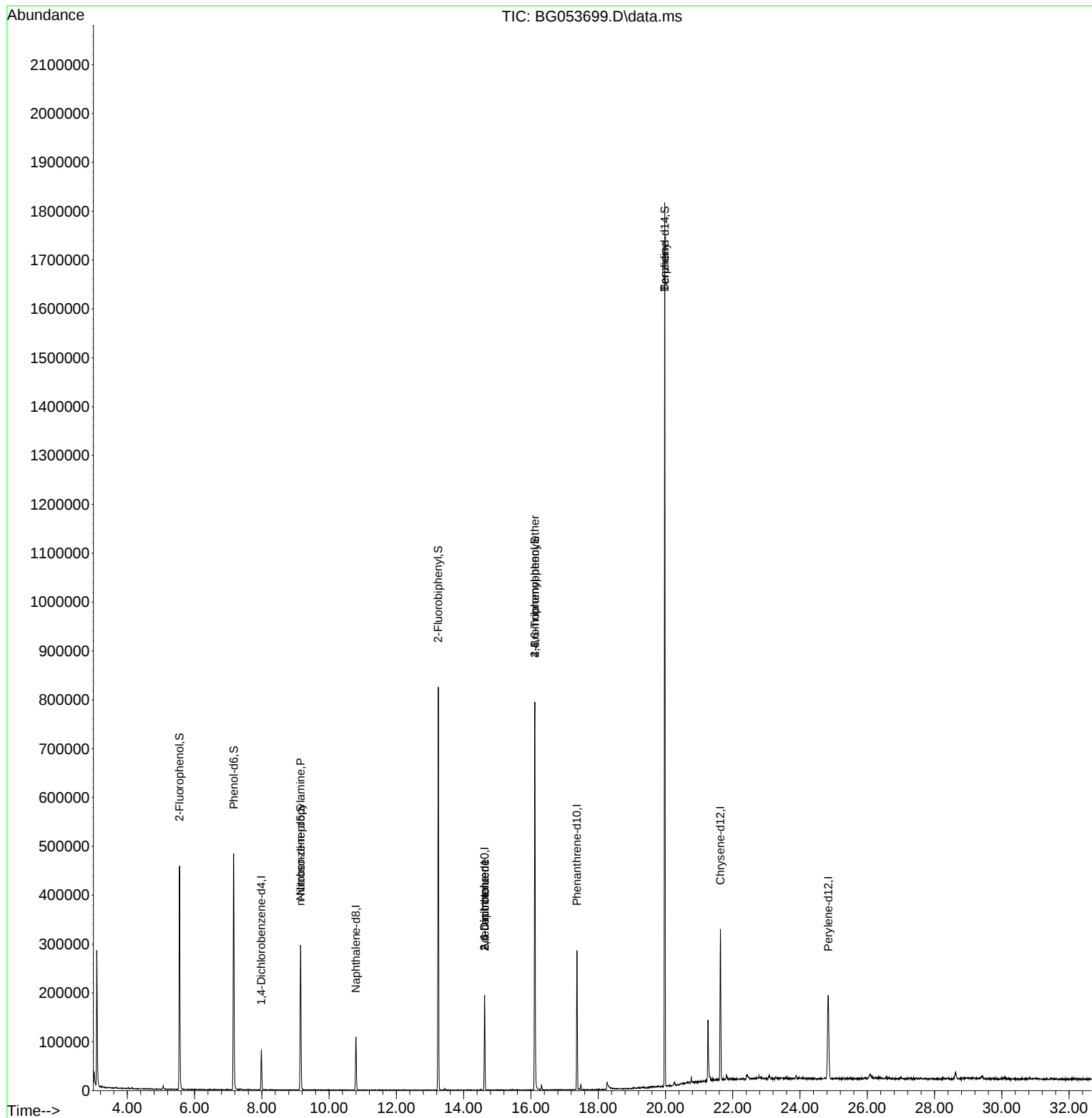
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	22524	20.000	ng	0.00
21) Naphthalene-d8	10.794	136	87220	20.000	ng	0.00
39) Acenaphthene-d10	14.625	164	68207	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	183300	20.000	ng	0.00
76) Chrysene-d12	21.633	240	191127	20.000	ng	0.00
86) Perylene-d12	24.840	264	190005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	182976	137.868	ng	0.00
7) Phenol-d6	7.164	99	280006	139.016	ng	0.00
23) Nitrobenzene-d5	9.150	82	189257	92.368	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	163040	162.072	ng	0.00
45) 2-Fluorobiphenyl	13.244	172	431282	92.399	ng	0.00
79) Terphenyl-d14	19.982	244	915053	89.169	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.156	70	27330	18.911	ng	# 76
51) 2,6-Dinitrotoluene	14.625	165	9233	8.744	ng	# 18
57) 2,4-Dinitrotoluene	14.625	165	9233	6.032	ng	# 23
67) 4-Bromophenyl-phenylether	16.117	248	10530	4.919	ng	# 1
77) Benzidine	19.976	184	15130	3.673	ng	# 92

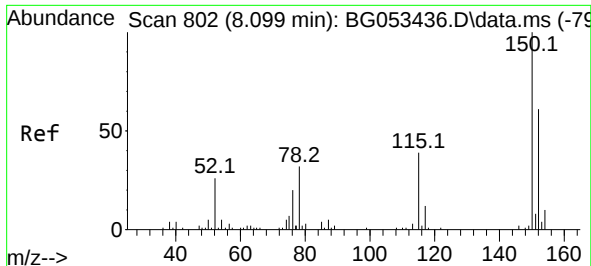
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
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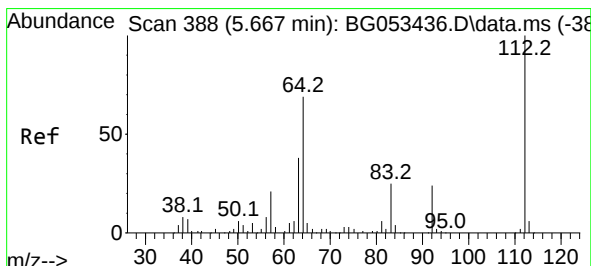
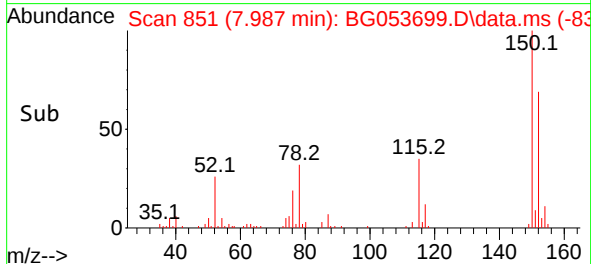
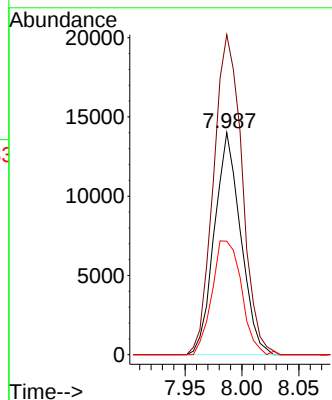
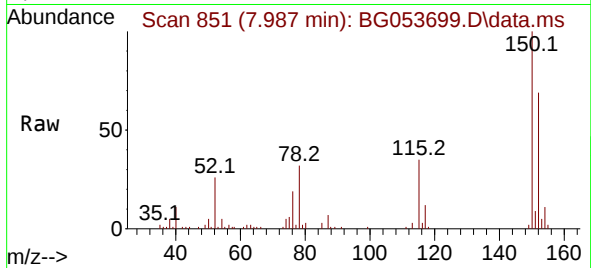




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

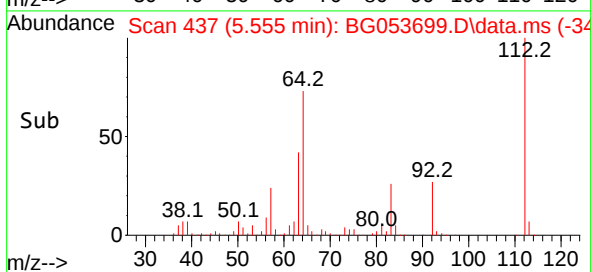
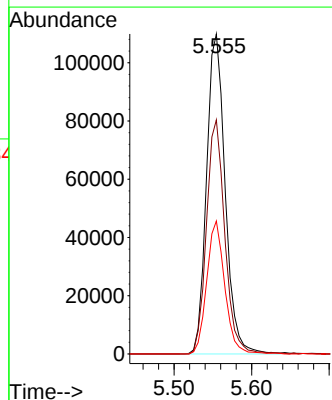
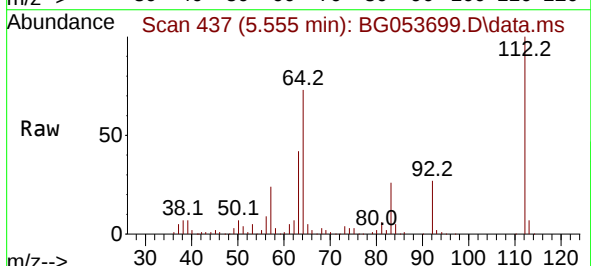
Instrument :
BNA_G
ClientSampleId :
P030-SS001-2430-01

Tgt Ion:152 Resp: 22524
Ion Ratio Lower Upper
152 100
150 144.0 131.6 197.4
115 51.1 50.9 76.3



#5
2-Fluorophenol
Concen: 137.868 ng
RT: 5.555 min Scan# 437
Delta R.T. 0.000 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

Tgt Ion:112 Resp: 182976
Ion Ratio Lower Upper
112 100
64 73.2 55.1 82.7
63 41.5 30.4 45.6

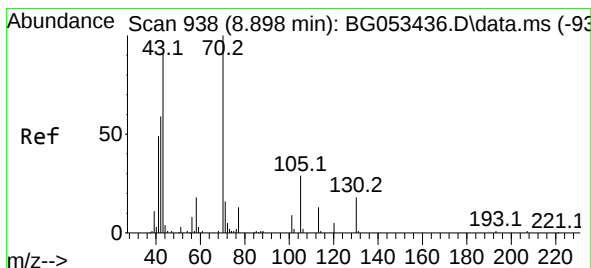
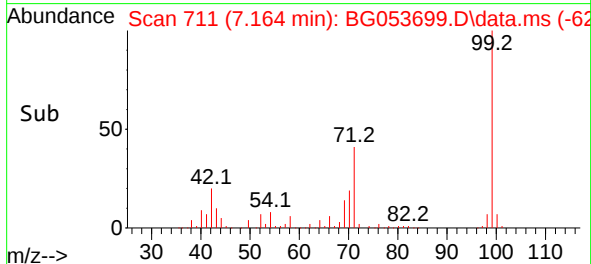
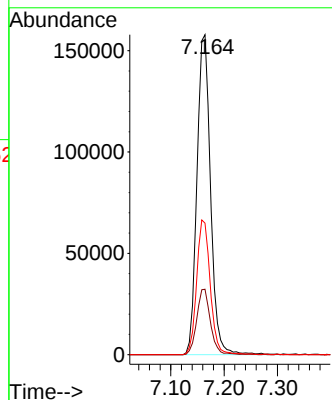
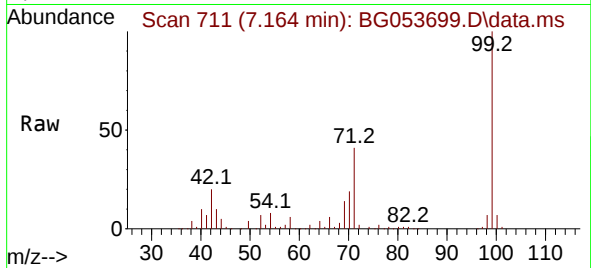




#7
Phenol-d6
Concen: 139.016 ng
RT: 7.164 min Scan# 71
Delta R.T. 0.000 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

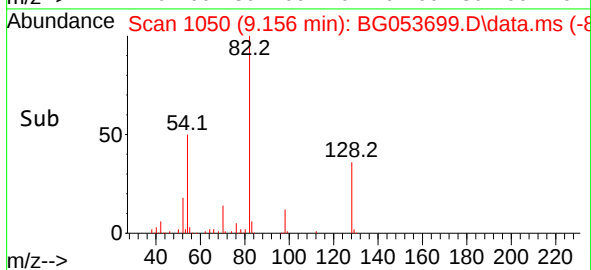
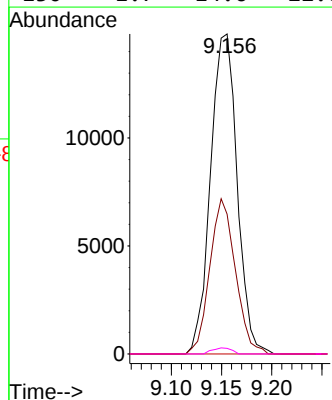
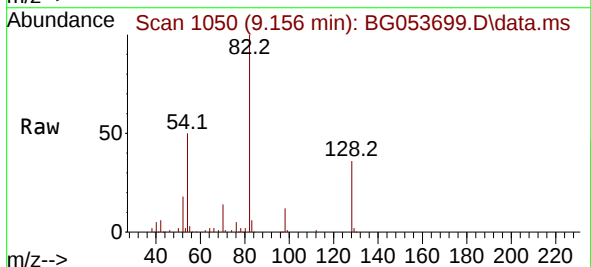
Instrument :
BNA_G
ClientSampleId :
P030-SS001-2430-01

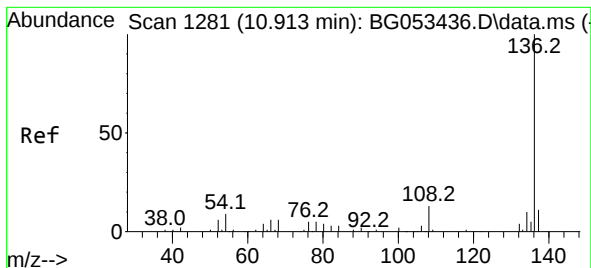
Tgt Ion: 99 Resp: 280006
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 41.1 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.911 ng
RT: 9.156 min Scan# 1050
Delta R.T. 0.359 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

Tgt Ion: 70 Resp: 27330
Ion Ratio Lower Upper
70 100
42 43.7 47.3 70.9#
101 0.0 7.0 10.4#
130 1.7 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.794 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053699.D

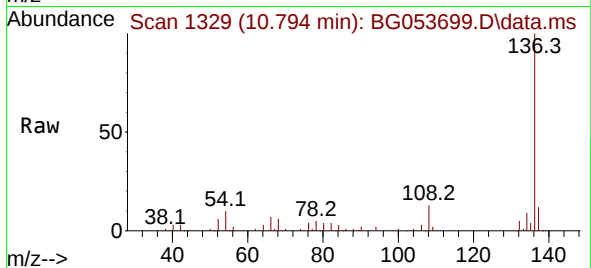
Acq: 25 May 2022 18:31

Instrument :

BNA_G

ClientSampleId :

P030-SS001-2430-01



Tgt Ion:136 Resp: 87220

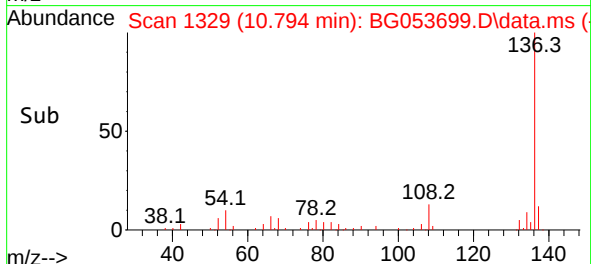
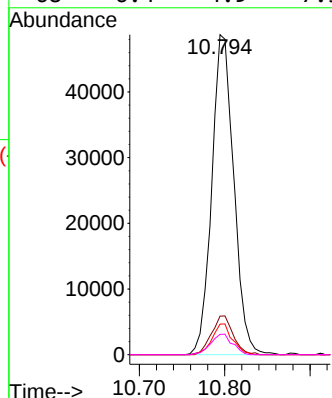
Ion Ratio Lower Upper

136 100

137 12.0 8.5 12.7

54 9.5 7.4 11.2

68 6.4 4.9 7.3



#23

Nitrobenzene-d5

Concen: 92.368 ng

RT: 9.150 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BG053699.D

Acq: 25 May 2022 18:31

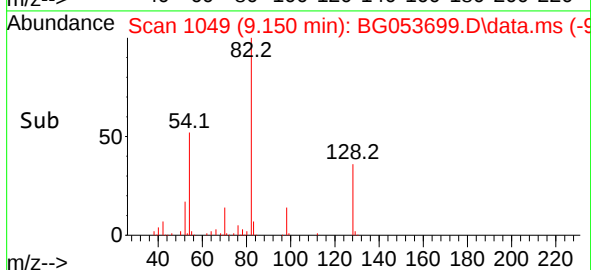
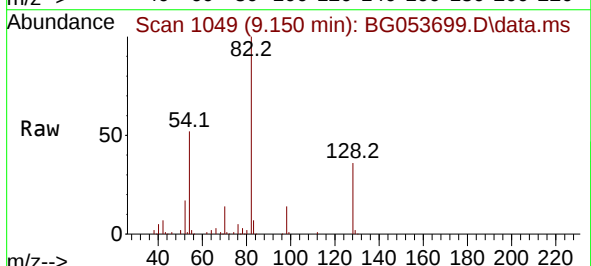
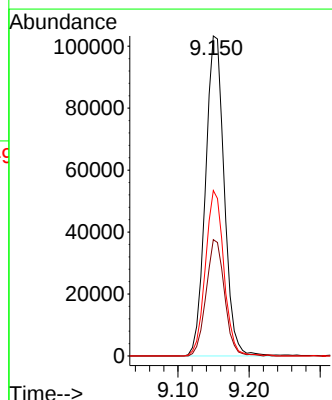
Tgt Ion: 82 Resp: 189257

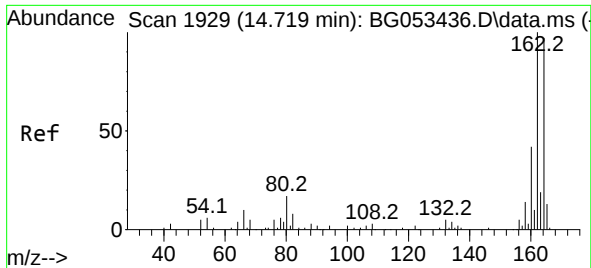
Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

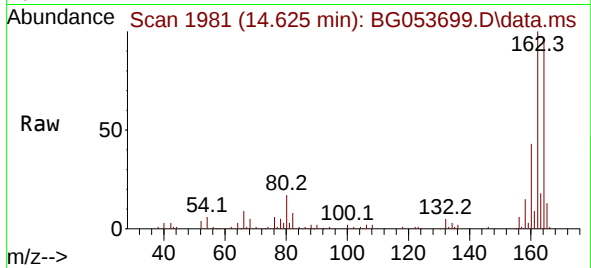
54 51.7 41.2 61.8



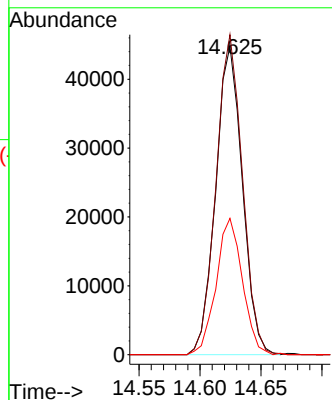
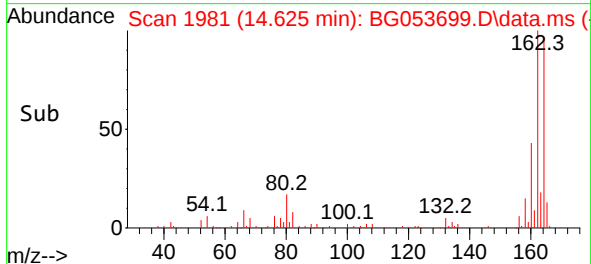


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 1929
Delta R.T. 0.000 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

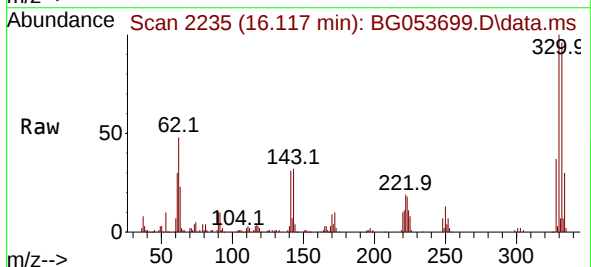
Instrument :
BNA_G
ClientSampleId :
P030-SS001-2430-01



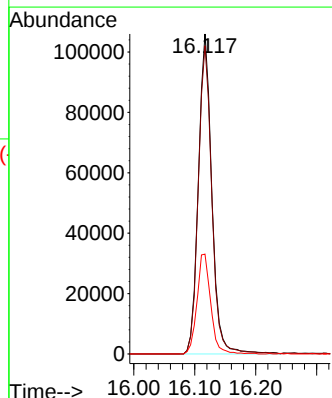
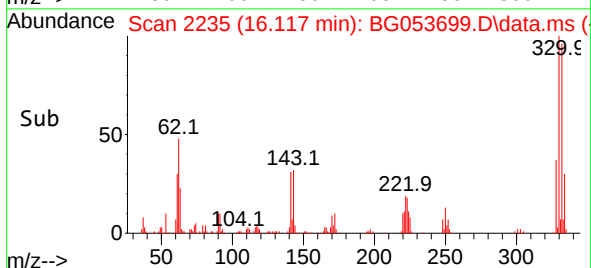
Tgt Ion:164 Resp: 68207
Ion Ratio Lower Upper
164 100
162 103.7 82.3 123.5
160 44.2 34.2 51.2

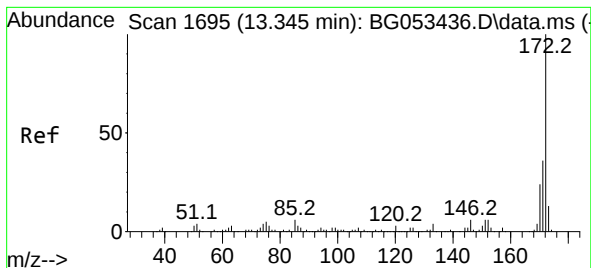


#42
2,4,6-Tribromophenol
Concen: 162.072 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.000 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31



Tgt Ion:330 Resp: 163040
Ion Ratio Lower Upper
330 100
332 96.7 76.0 114.0
141 31.8 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 92.399 ng

RT: 13.244 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG053699.D

Acq: 25 May 2022 18:31

Instrument :

BNA_G

ClientSampleId :

P030-SS001-2430-01

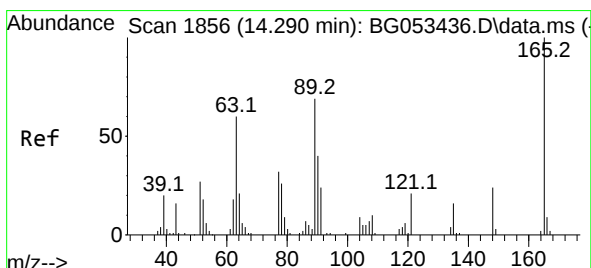
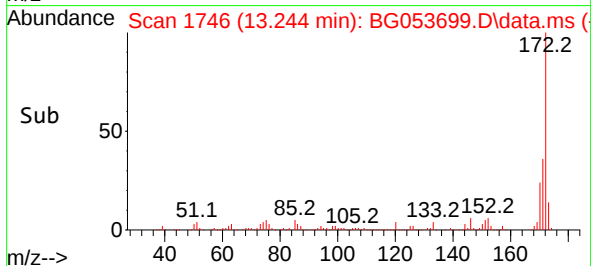
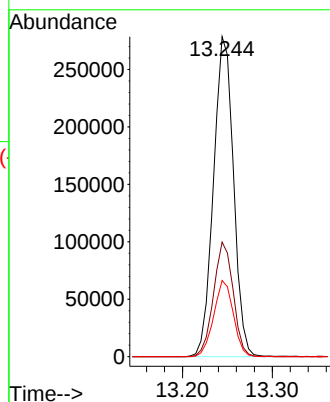
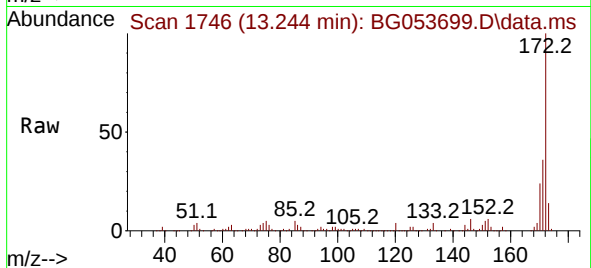
Tgt Ion:172 Resp: 431282

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.8 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.744 ng

RT: 14.625 min Scan# 1981

Delta R.T. 0.423 min

Lab File: BG053699.D

Acq: 25 May 2022 18:31

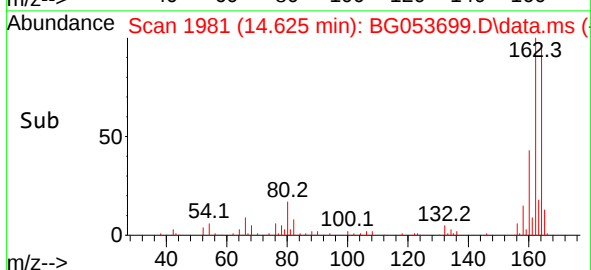
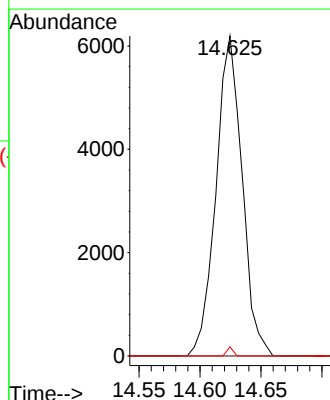
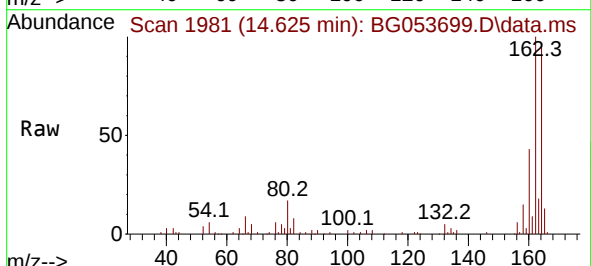
Tgt Ion:165 Resp: 9233

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 2.8 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.032 ng

RT: 14.625 min Scan# 1991

Delta R.T. -0.370 min

Lab File: BG053699.D

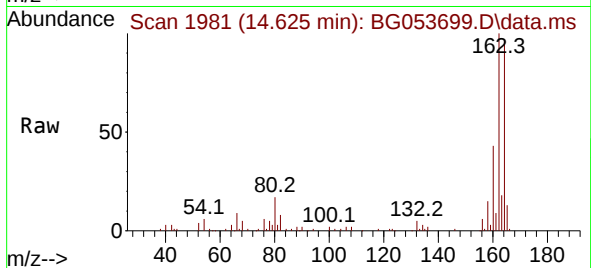
Acq: 25 May 2022 18:31

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 9233

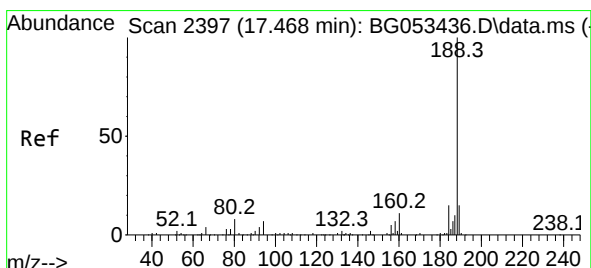
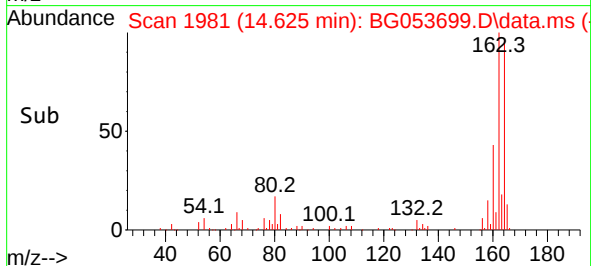
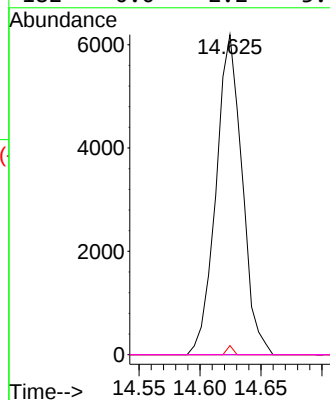
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 2.8 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BG053699.D

Acq: 25 May 2022 18:31

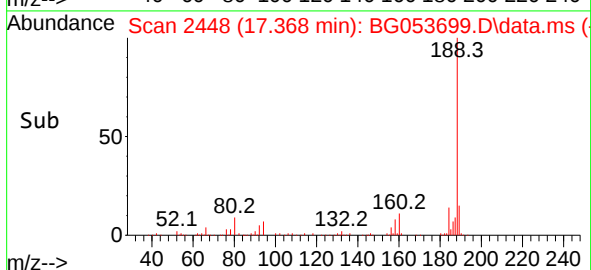
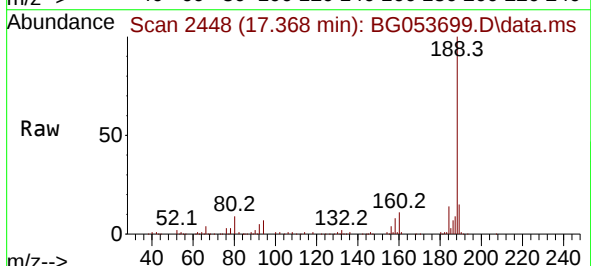
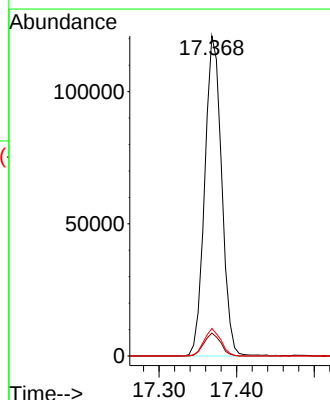
Tgt Ion:188 Resp: 183300

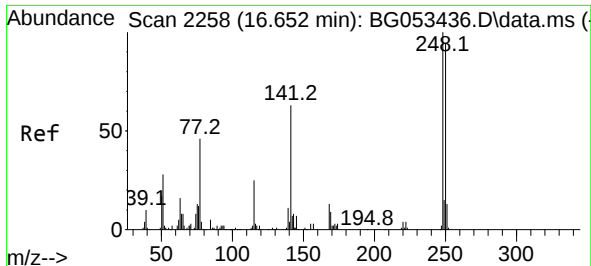
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.0

80 8.6 6.8 10.2

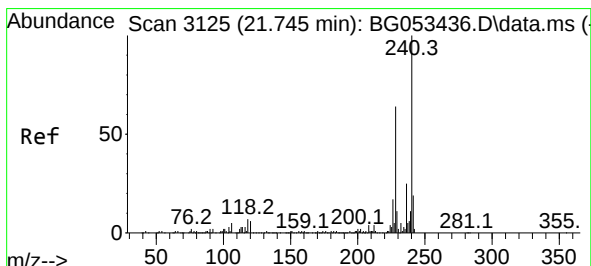
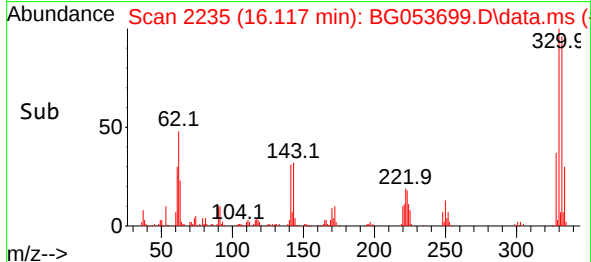
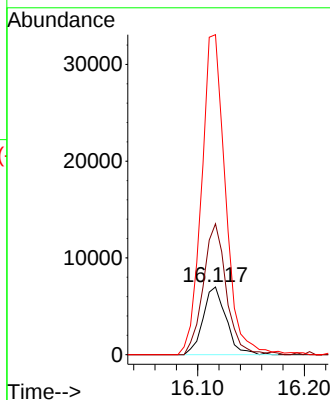
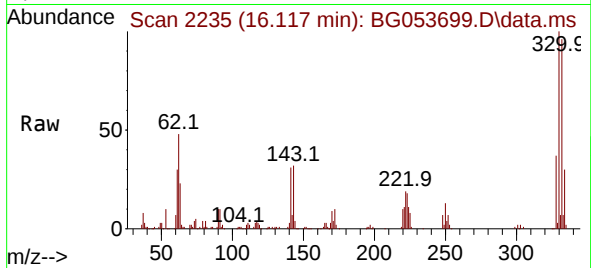




#67
4-Bromophenyl-phenylether
Concen: 4.919 ng
RT: 16.117 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

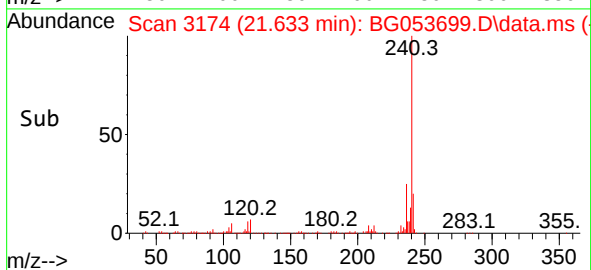
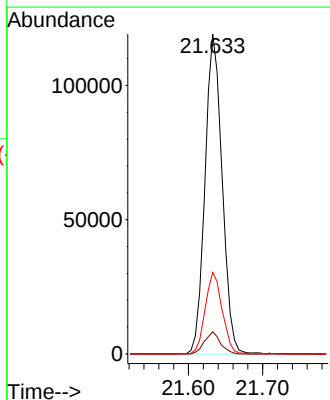
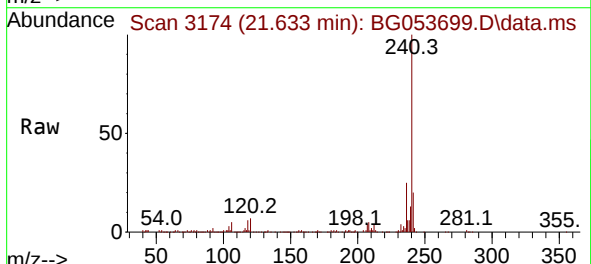
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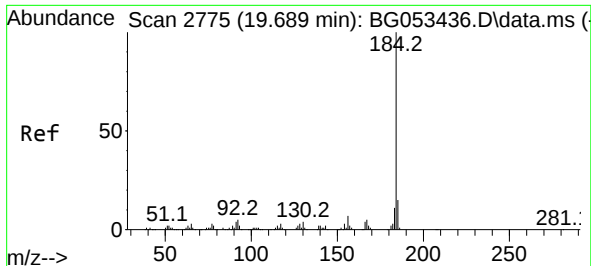
Tgt Ion:248 Resp: 10530
Ion Ratio Lower Upper
248 100
250 193.4 75.2 112.8#
141 472.9 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.633 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

Tgt Ion:240 Resp: 191127
Ion Ratio Lower Upper
240 100
120 6.9 4.6 7.0
236 25.5 20.2 30.4

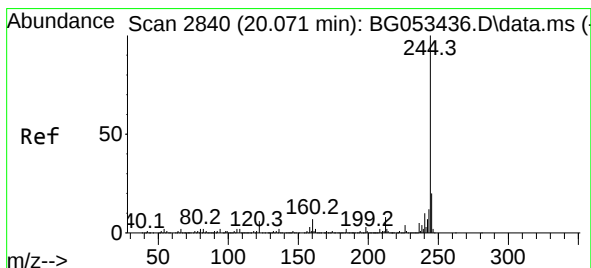
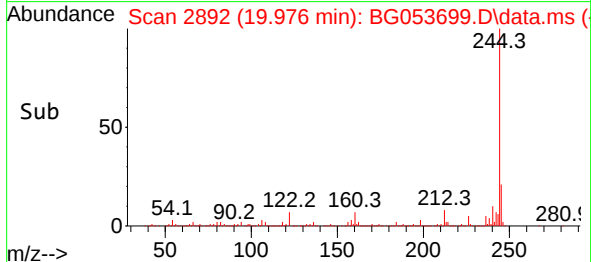
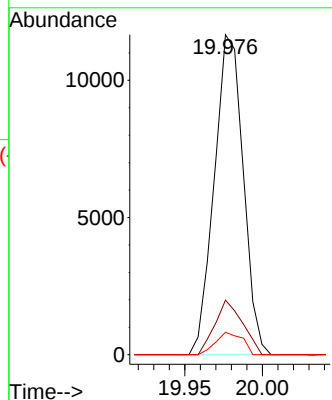
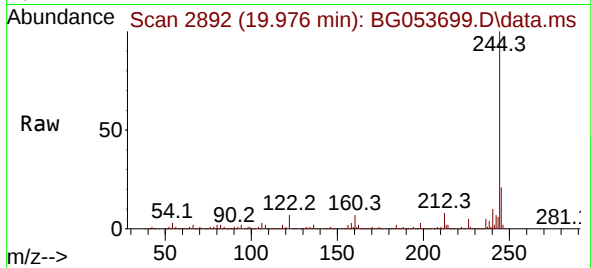




#77
Benzidine
Concen: 3.673 ng
RT: 19.976 min Scan# 2892
Delta R.T. 0.376 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

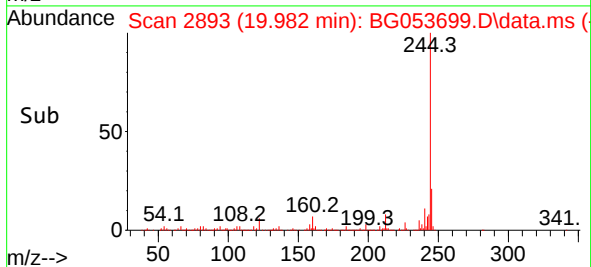
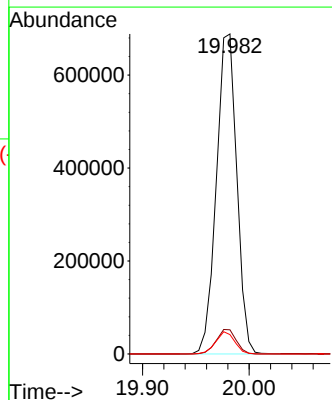
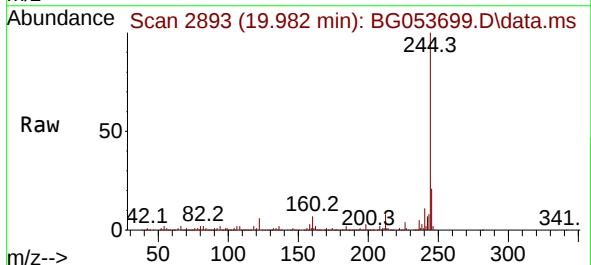
Instrument :
BNA_G
ClientSampleId :
P030-SS001-2430-01

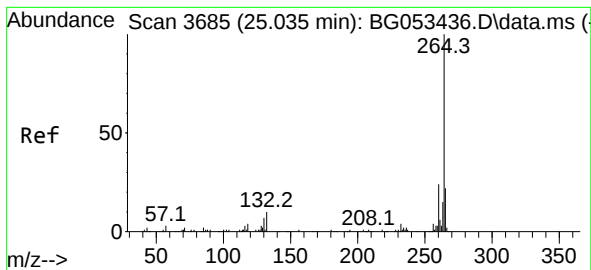
Tgt Ion:184 Resp: 15130
Ion Ratio Lower Upper
184 100
185 17.1 11.8 17.6
183 7.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 89.169 ng
RT: 19.982 min Scan# 2893
Delta R.T. 0.006 min
Lab File: BG053699.D
Acq: 25 May 2022 18:31

Tgt Ion:244 Resp: 915053
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.1 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.840 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG053699.D

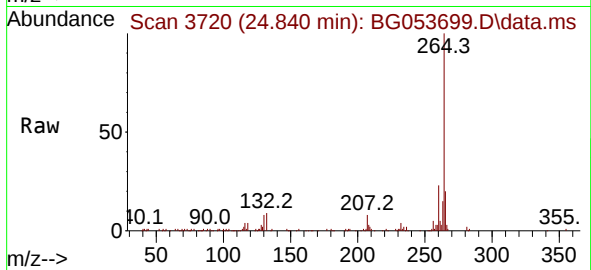
Acq: 25 May 2022 18:31

Instrument :

BNA_G

ClientSampleId :

P030-SS001-2430-01



Tgt Ion:264 Resp: 190005

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 20.4 17.4 26.2

