

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053643.D
 Acq On : 20 May 2022 14:27
 Operator : CG/JU
 Sample : PB144936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144936BL

Quant Time: May 23 01:30:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

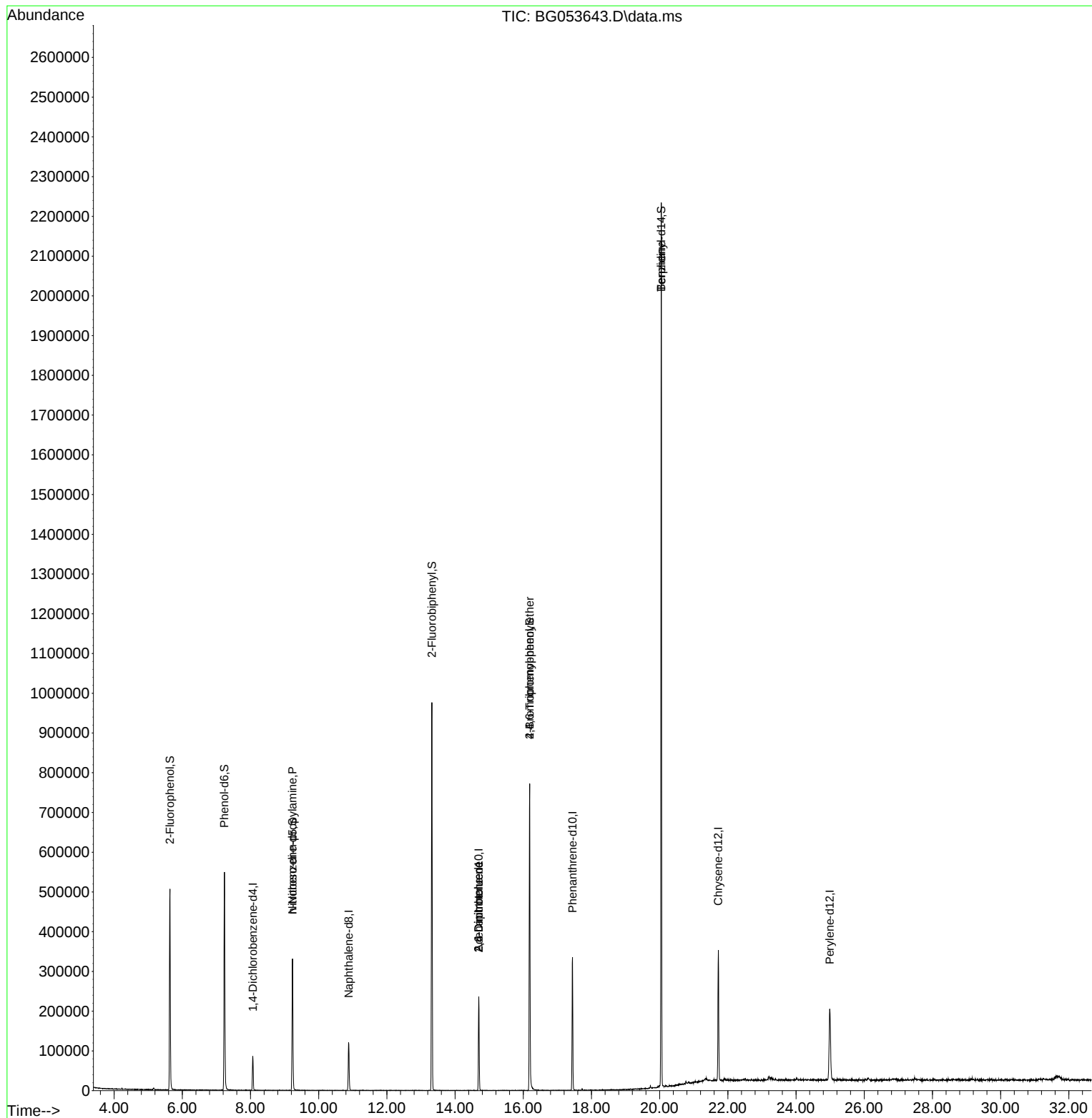
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.069	152	24579	20.000	ng	0.00
21) Naphthalene-d8	10.877	136	104552	20.000	ng	# 0.00
39) Acenaphthene-d10	14.696	164	85525	20.000	ng	0.00
64) Phenanthrene-d10	17.445	188	215008	20.000	ng	0.00
76) Chrysene-d12	21.721	240	209654	20.000	ng	#-0.01
86) Perylene-d12	24.988	264	204340	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	215061	148.496	ng	0.00
7) Phenol-d6	7.235	99	318112	144.730	ng	0.00
23) Nitrobenzene-d5	9.232	82	215209	87.623	ng	0.00
42) 2,4,6-Tribromophenol	16.188	330	161939	128.381	ng	0.00
45) 2-Fluorobiphenyl	13.321	172	523994	89.530	ng	0.00
79) Terphenyl-d14	20.047	244	1081751	96.098	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.232	70	30071	19.068	ng	# 76
51) 2,6-Dinitrotoluene	14.696	165	10876	8.214	ng	# 16
57) 2,4-Dinitrotoluene	14.696	165	10876	5.667	ng	# 21
67) 4-Bromophenyl-phenylether	16.188	248	10661	4.246	ng	# 1
77) Benzidine	20.047	184	18252	4.039	ng	# 93

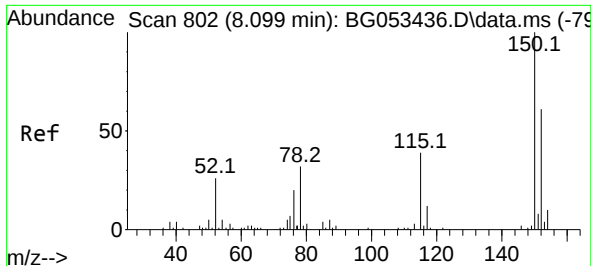
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053643.D
Acq On : 20 May 2022 14:27
Operator : CG/JU
Sample : PB144936BL
Misc :
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BNA_G
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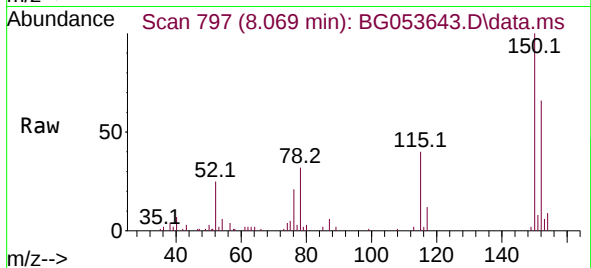
Quant Time: May 23 01:30:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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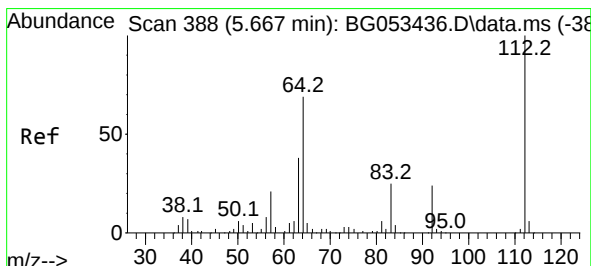
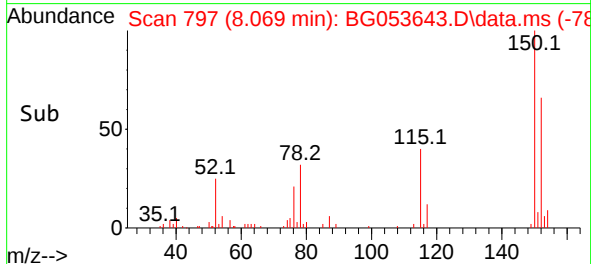
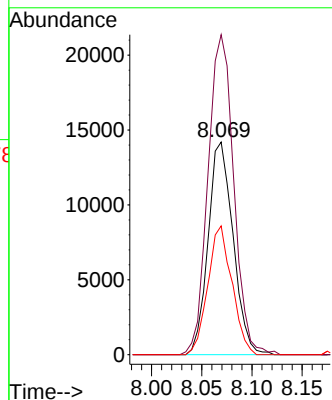


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.069 min Scan# 79
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Instrument :
BNA_G
ClientSampleId :
PB144936BL

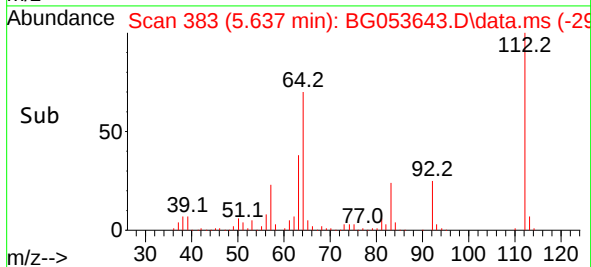
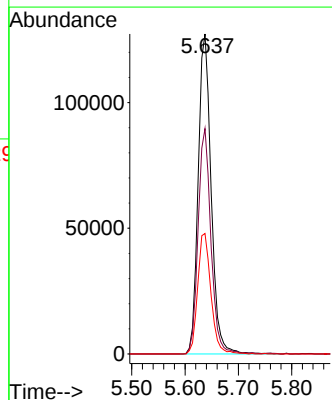
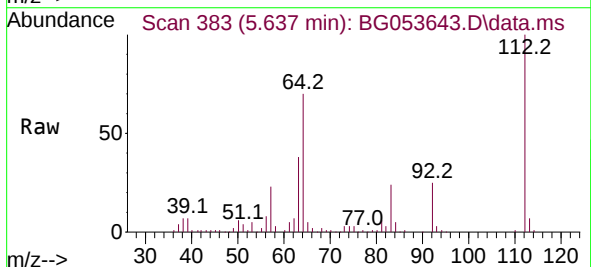


Tgt Ion:152 Resp: 24579
Ion Ratio Lower Upper
152 100
150 150.5 131.6 197.4
115 60.6 50.9 76.3



#5
2-Fluorophenol
Concen: 148.496 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Tgt Ion:112 Resp: 215061
Ion Ratio Lower Upper
112 100
64 70.5 55.1 82.7
63 37.6 30.4 45.6

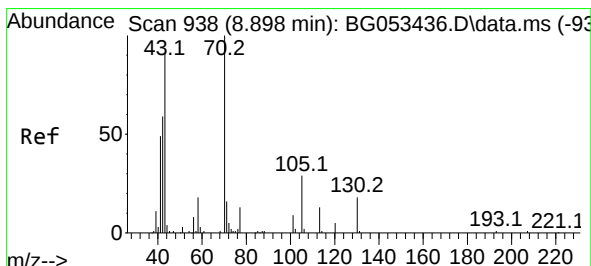
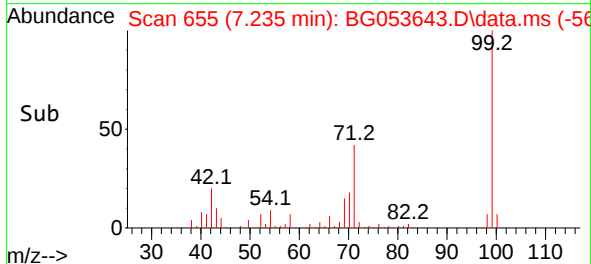
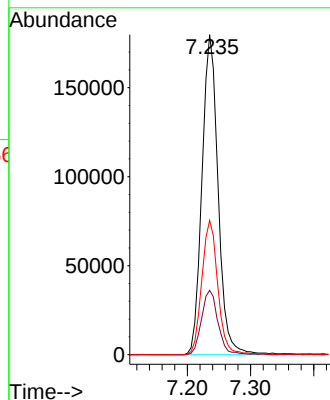
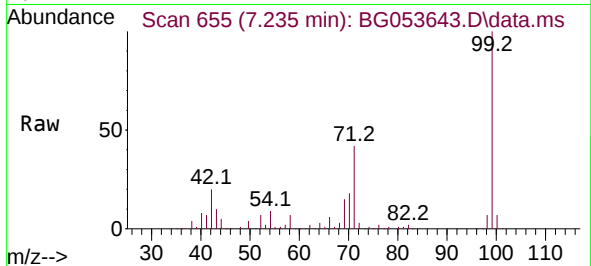




#7
Phenol-d6
Concen: 144.730 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

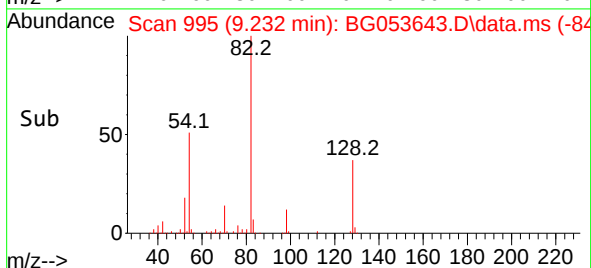
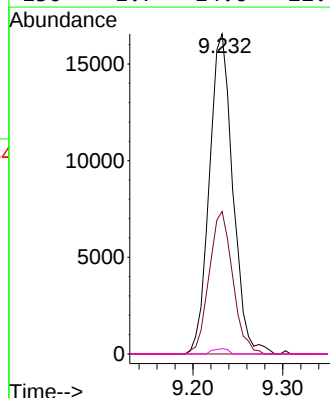
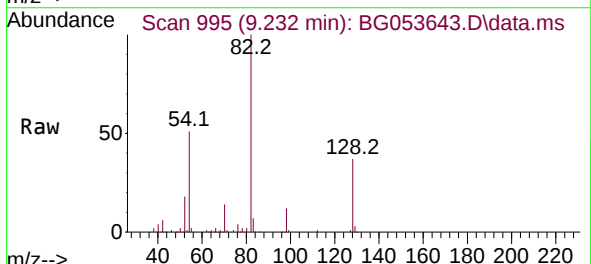
Instrument :
BNA_G
ClientSampleId :
PB144936BL

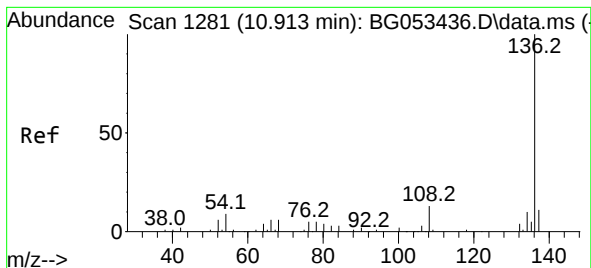
Tgt Ion: 99 Resp: 318112
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 42.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.068 ng
RT: 9.232 min Scan# 995
Delta R.T. 0.353 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Tgt Ion: 70 Resp: 30071
Ion Ratio Lower Upper
70 100
42 44.6 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: 10.877 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053643.D

Acq: 20 May 2022 14:27

Instrument :

BNA_G

ClientSampleId :

PB144936BL

Tgt Ion:136 Resp: 104552

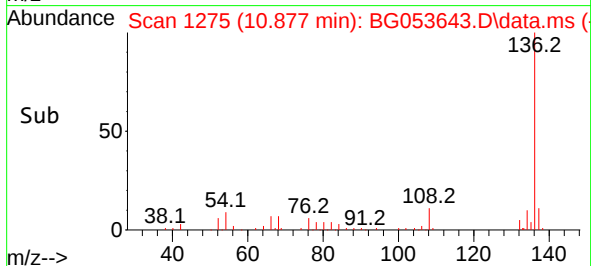
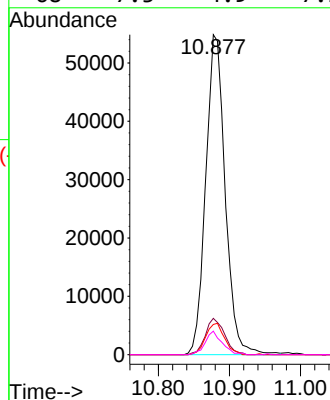
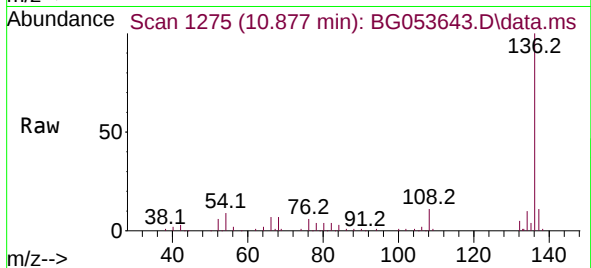
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 9.4 7.4 11.2

68 7.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 87.623 ng

RT: 9.232 min Scan# 995

Delta R.T. -0.006 min

Lab File: BG053643.D

Acq: 20 May 2022 14:27

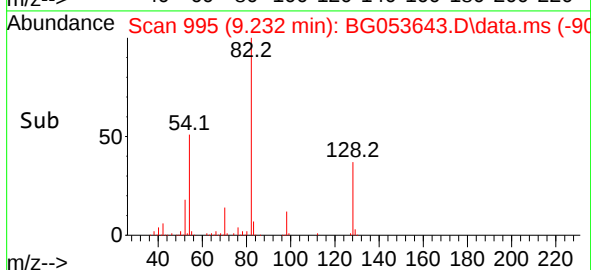
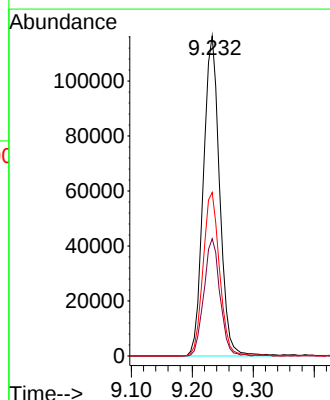
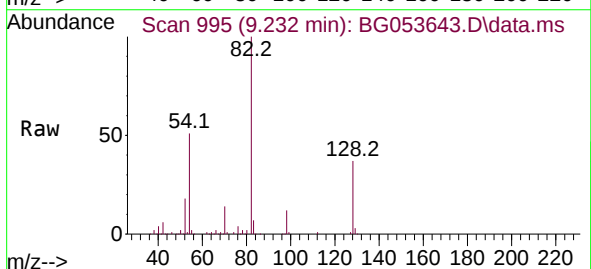
Tgt Ion: 82 Resp: 215209

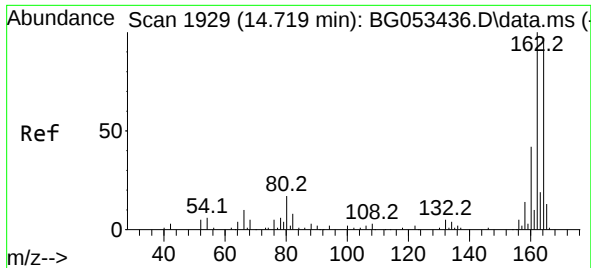
Ion Ratio Lower Upper

82 100

128 36.7 27.9 41.9

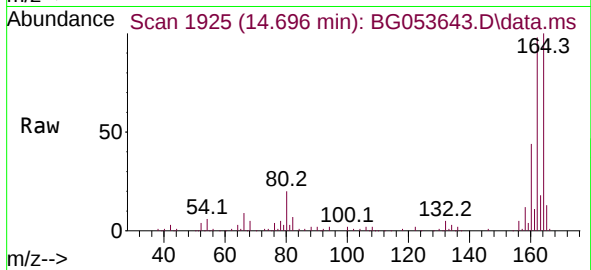
54 51.1 41.2 61.8



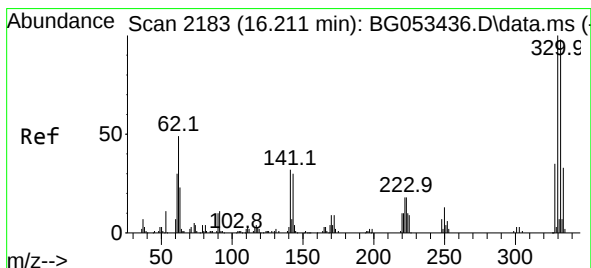
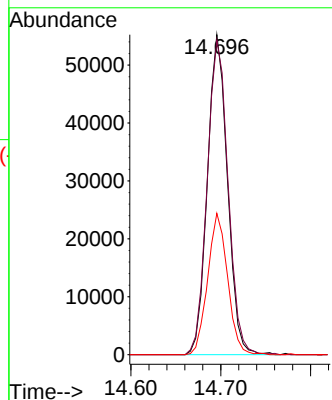
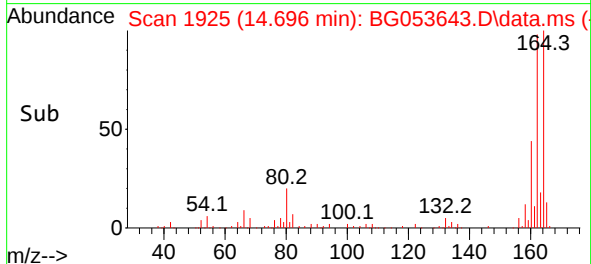


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.696 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

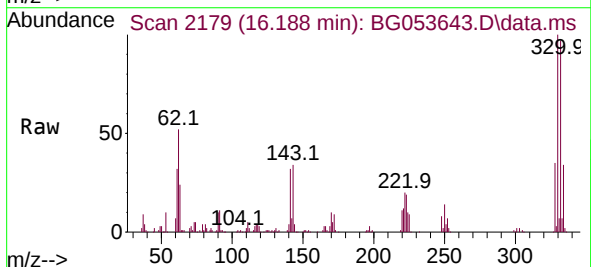
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BNA_G
ClientSampleId :
PB144936BL



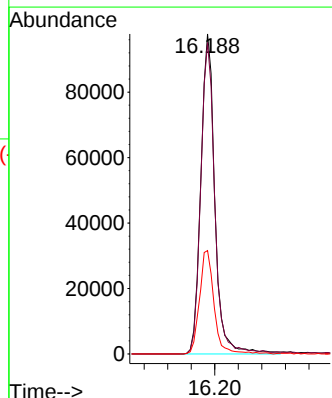
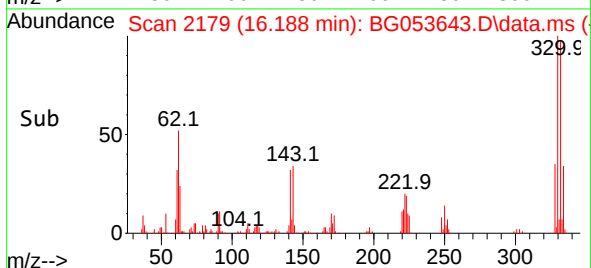
Tgt Ion:164 Resp: 85525
Ion Ratio Lower Upper
164 100
162 98.4 82.3 123.5
160 44.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 128.381 ng
RT: 16.188 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27



Tgt Ion:330 Resp: 161939
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 33.6 27.1 40.7

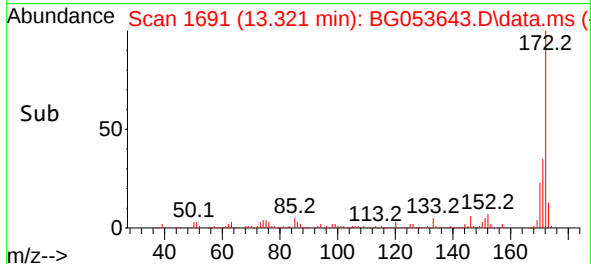
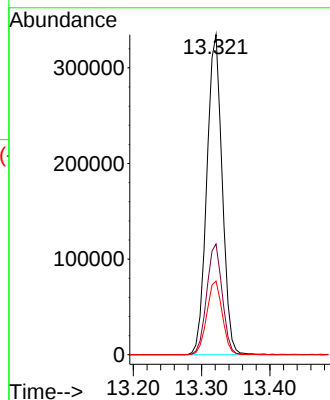
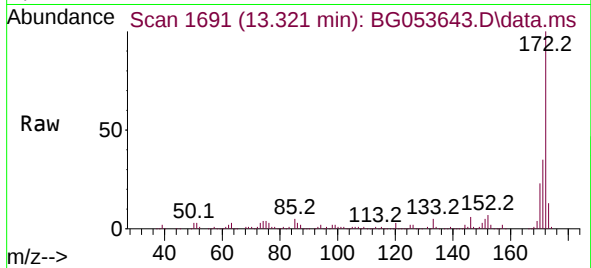




#45
2-Fluorobiphenyl
Concen: 89.530 ng
RT: 13.321 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

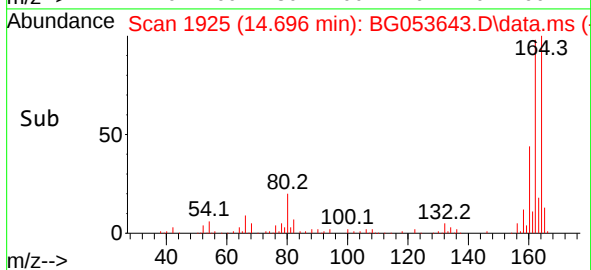
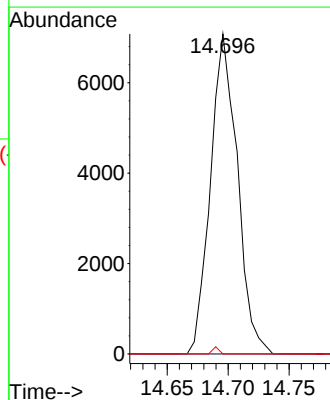
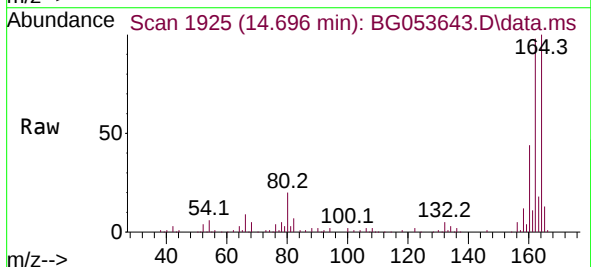
Instrument :
BNA_G
ClientSampleId :
PB144936BL

Tgt Ion:172 Resp: 523994
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 23.0 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.214 ng
RT: 14.696 min Scan# 1925
Delta R.T. 0.423 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Tgt Ion:165 Resp: 10876
Ion Ratio Lower Upper
165 100
63 0.0 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.667 ng

RT: 14.696 min Scan# 1991

Delta R.T. -0.370 min

Lab File: BG053643.D

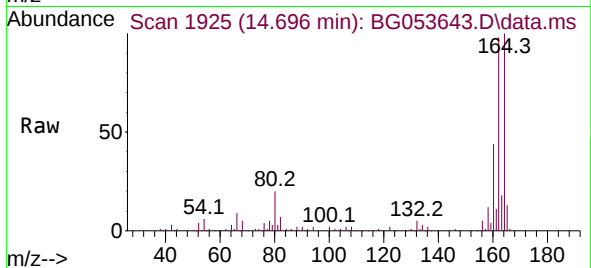
Acq: 20 May 2022 14:27

Instrument :

BNA_G

ClientSampleId :

PB144936BL



Tgt Ion:165 Resp: 10876

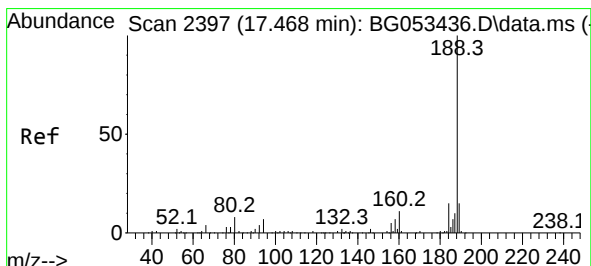
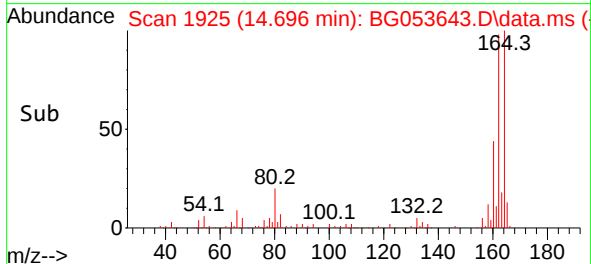
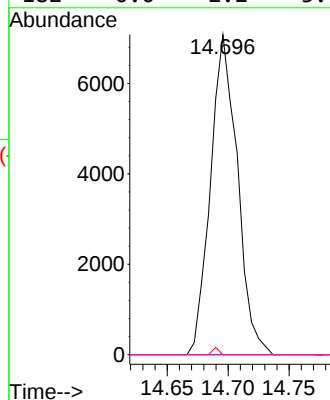
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.445 min Scan# 2393

Delta R.T. -0.006 min

Lab File: BG053643.D

Acq: 20 May 2022 14:27

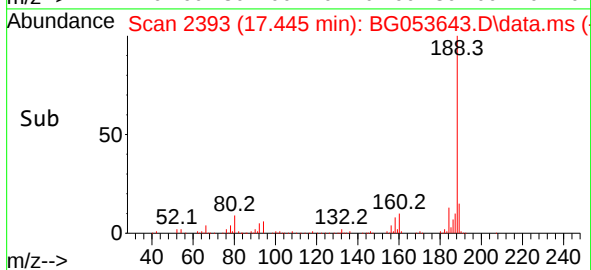
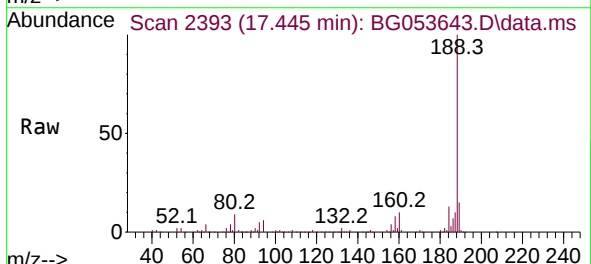
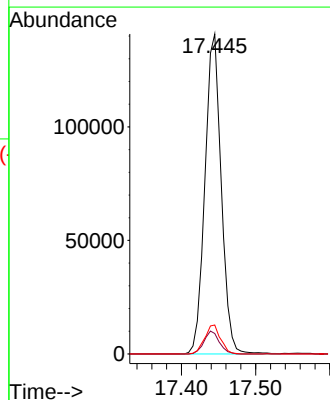
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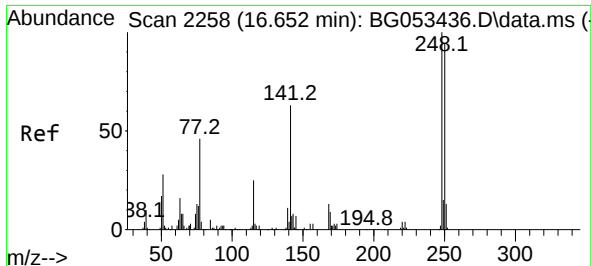
Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 9.1 6.8 10.2

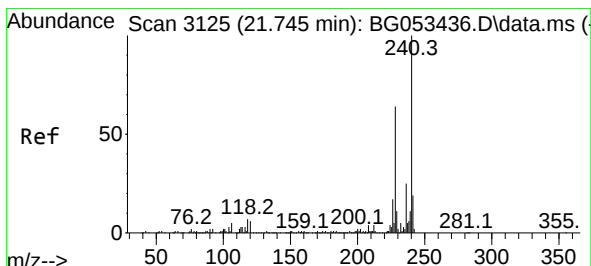
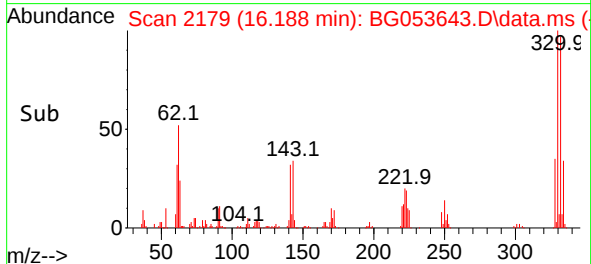
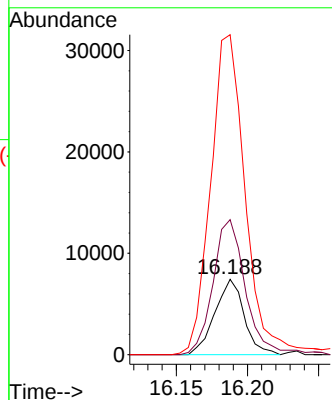
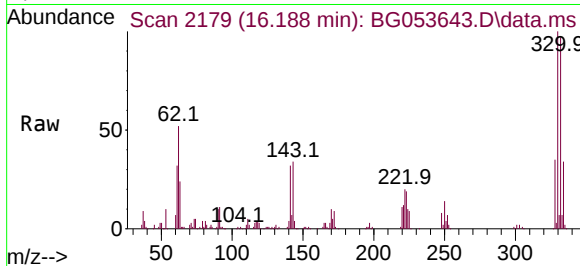




#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 16.188 min Scan# 2179
Delta R.T. -0.440 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

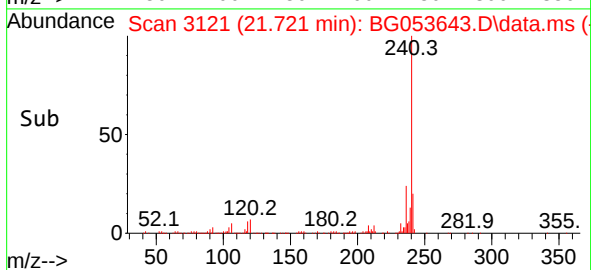
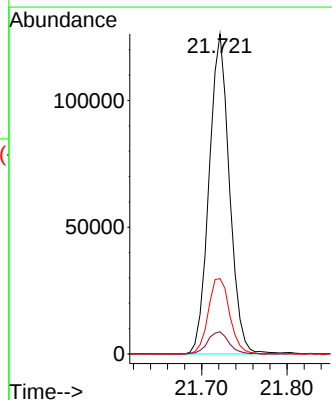
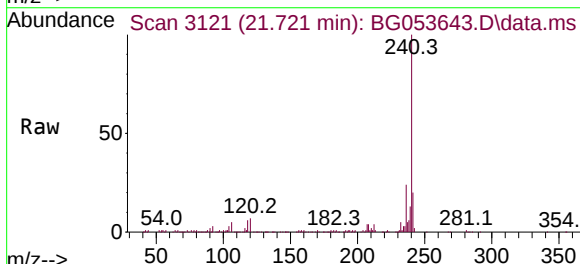
Instrument :
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PB144936BL

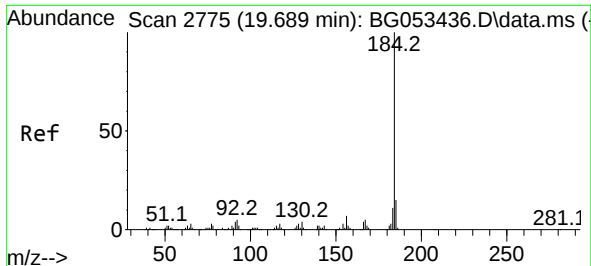
Tgt Ion:248 Resp: 10661
Ion Ratio Lower Upper
248 100
250 179.1 75.2 112.8#
141 424.3 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Tgt Ion:240 Resp: 209654
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 23.6 20.2 30.4

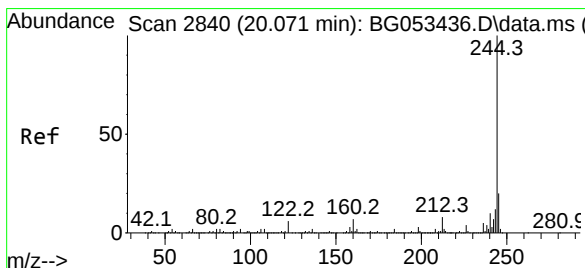
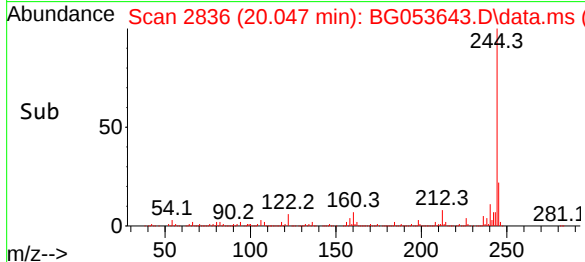
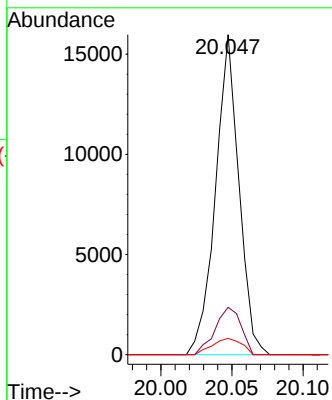
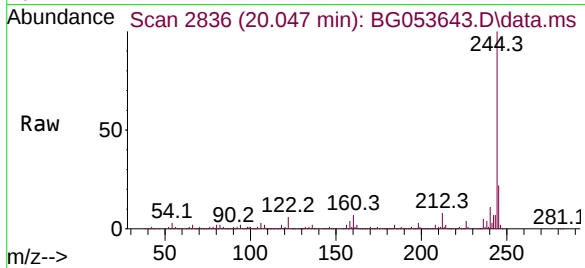




#77
Benzidine
Concen: 4.039 ng
RT: 20.047 min Scan# 21
Delta R.T. 0.376 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

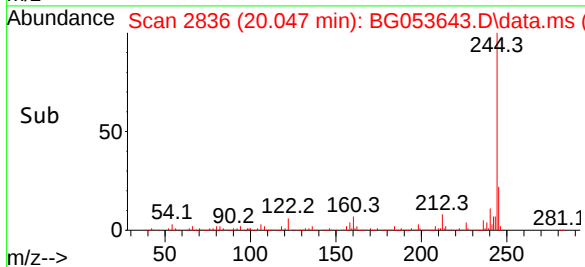
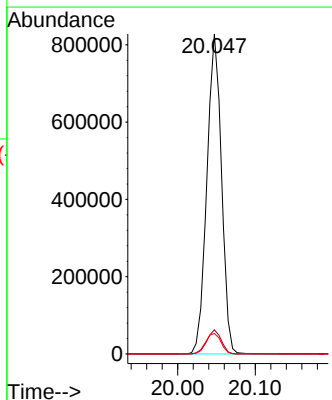
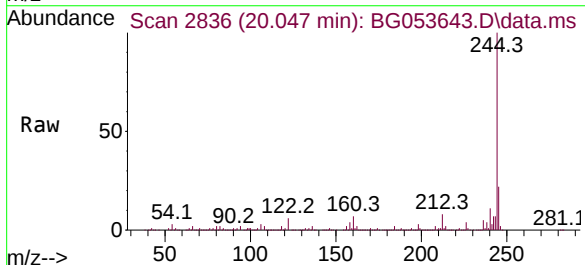
Instrument :
BNA_G
ClientSampleId :
PB144936BL

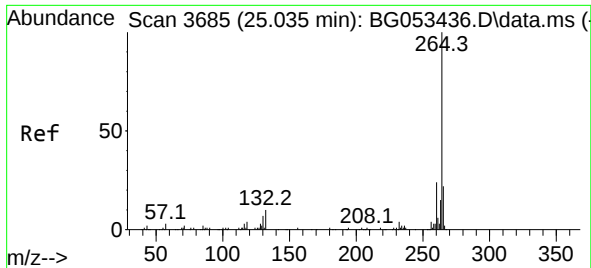
Tgt Ion:184 Resp: 18252
Ion Ratio Lower Upper
184 100
185 14.8 11.8 17.6
183 5.1 8.9 13.3#



#79
Terphenyl-d14
Concen: 96.098 ng
RT: 20.047 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Tgt Ion:244 Resp: 1081751
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 6.4 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.988 min Scan# 30
Delta R.T. -0.017 min
Lab File: BG053643.D
Acq: 20 May 2022 14:27

Instrument :
BNA_G
ClientSampleId :
PB144936BL

Tgt Ion:264 Resp: 204340

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.5	17.4	26.2

