

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053656.D
 Acq On : 20 May 2022 23:01
 Operator : CG/JU
 Sample : N2912-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 3/4-BLEND-RCA

Quant Time: May 23 01:35:58 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)

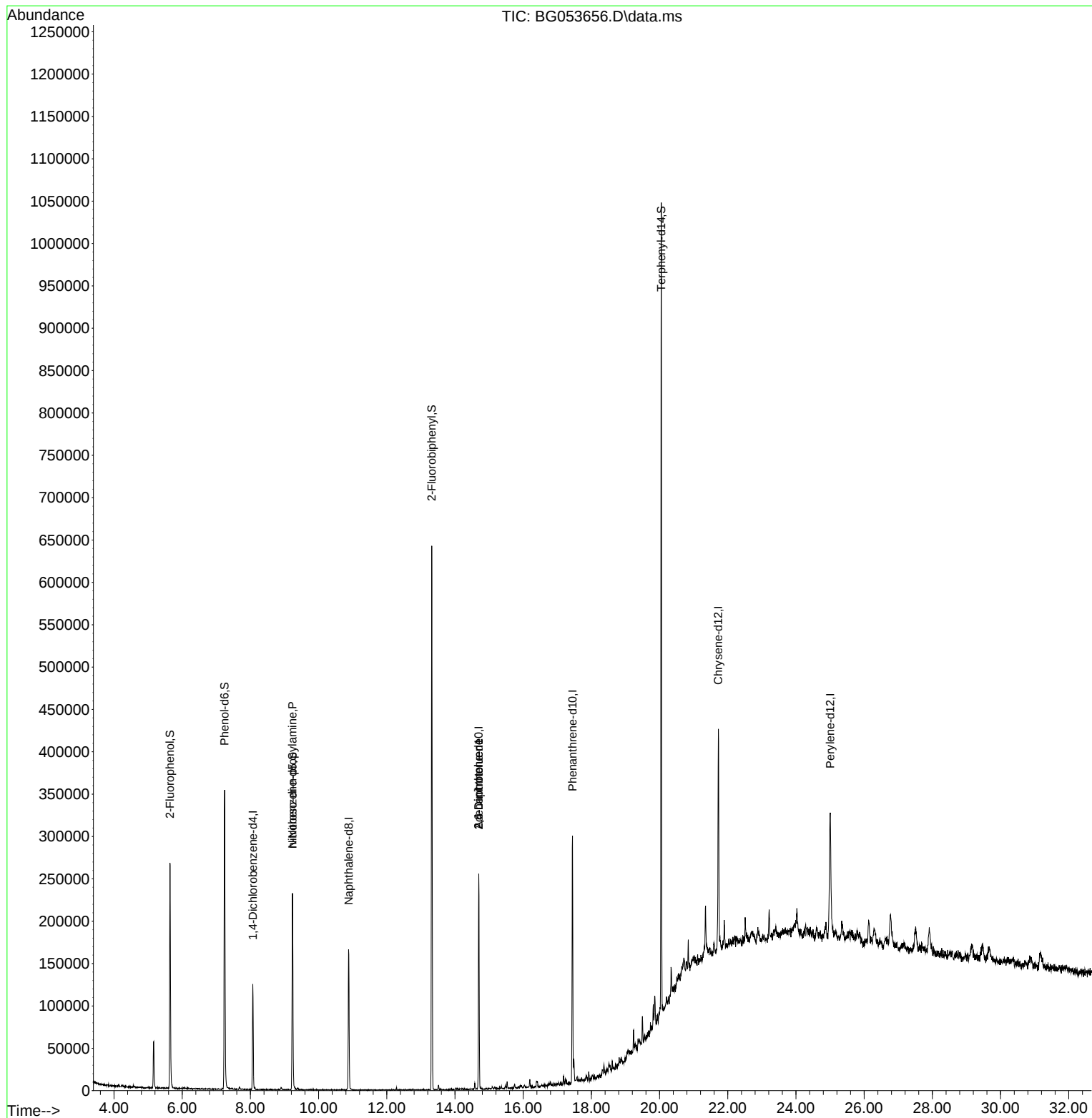
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.070	152	34656	20.000	ng	0.00
21) Naphthalene-d8	10.878	136	136881	20.000	ng	0.00
39) Acenaphthene-d10	14.697	164	90680	20.000	ng	0.00
64) Phenanthrene-d10	17.446	188	187324	20.000	ng	0.00
76) Chrysene-d12	21.722	240	164376	20.000	ng	-0.01
86) Perylene-d12	25.006	264	152522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.638	112	119072	58.311	ng	0.00
7) Phenol-d6	7.242	99	216809	69.959	ng	0.00
23) Nitrobenzene-d5	9.233	82	153637	47.779	ng	0.00
42) 2,4,6-Tribromophenol	16.195	330	1646	1.231	ng	0.00
45) 2-Fluorobiphenyl	13.316	172	343588	55.368	ng	-0.01
79) Terphenyl-d14	20.048	244	474247	53.735	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.233	70	21662	9.742	ng	# 78
51) 2,6-Dinitrotoluene	14.697	165	12279	8.746	ng	# 18
57) 2,4-Dinitrotoluene	14.697	165	12279	6.034	ng	# 23

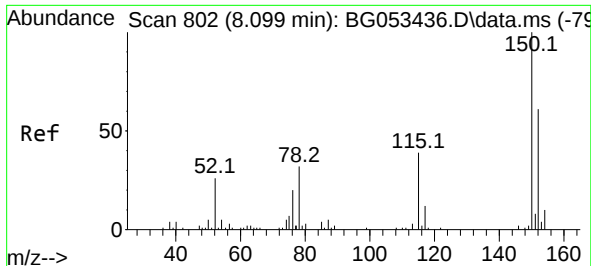
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
Data File : BG053656.D
Acq On : 20 May 2022 23:01
Operator : CG/JU
Sample : N2912-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

Quant Time: May 23 01:35:58 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

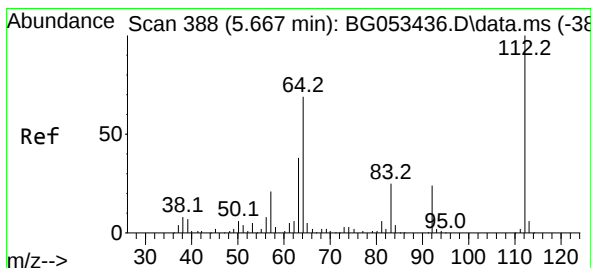
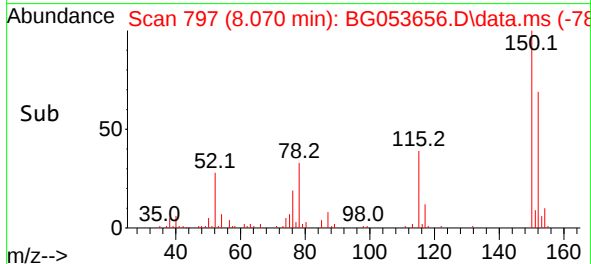
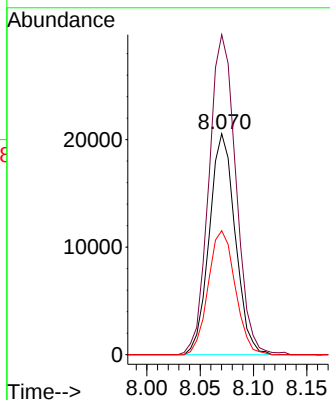
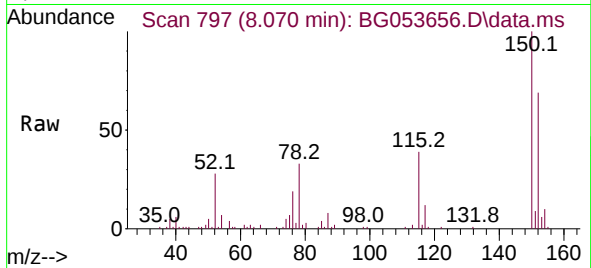




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.070 min Scan# 79
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

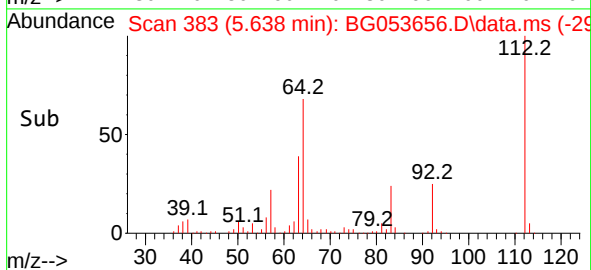
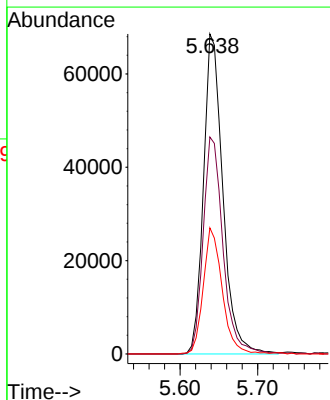
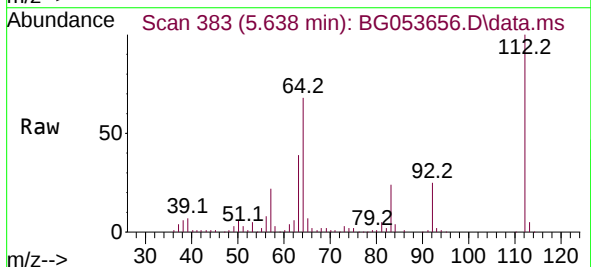
Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

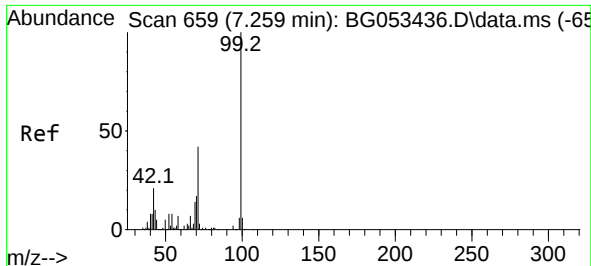
Tgt Ion:152 Resp: 34656
Ion Ratio Lower Upper
152 100
150 144.9 131.6 197.4
115 56.1 50.9 76.3



#5
2-Fluorophenol
Concen: 58.311 ng
RT: 5.638 min Scan# 383
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

Tgt Ion:112 Resp: 119072
Ion Ratio Lower Upper
112 100
64 67.8 55.1 82.7
63 39.4 30.4 45.6

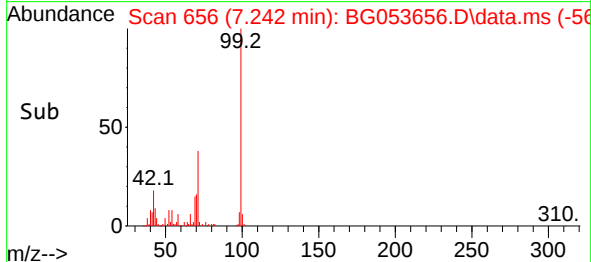
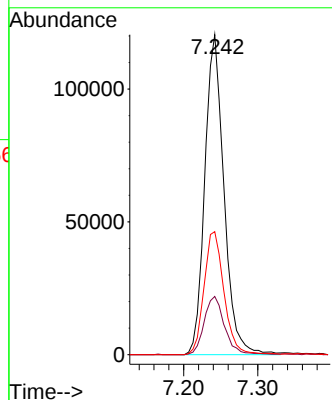
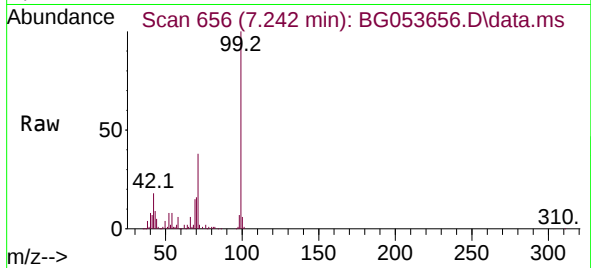




#7
Phenol-d6
Concen: 69.959 ng
RT: 7.242 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

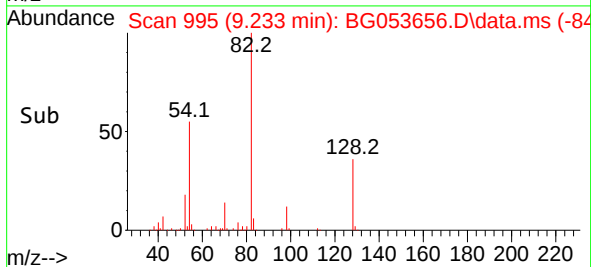
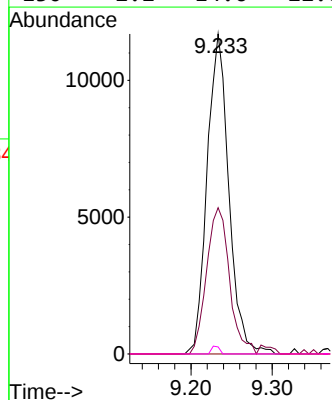
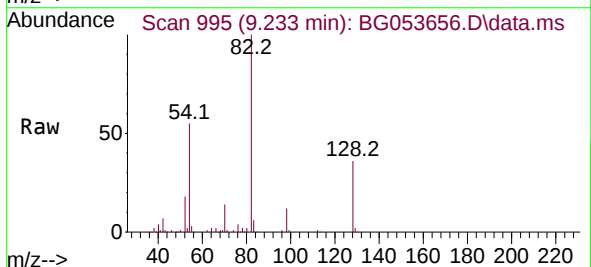
Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

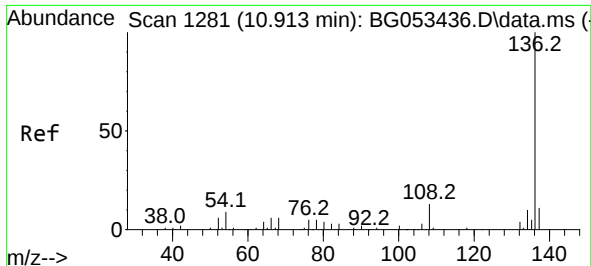
Tgt Ion: 99 Resp: 216809
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 38.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 9.742 ng
RT: 9.233 min Scan# 995
Delta R.T. 0.354 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

Tgt Ion: 70 Resp: 21662
Ion Ratio Lower Upper
70 100
42 45.7 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#

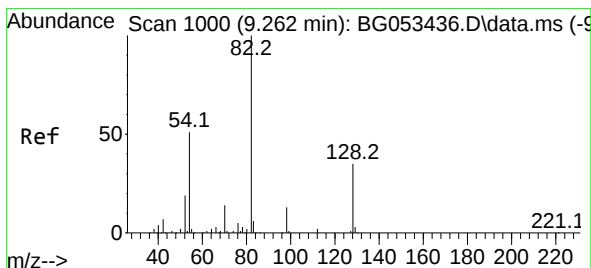
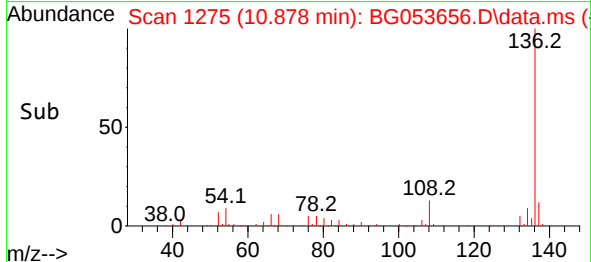
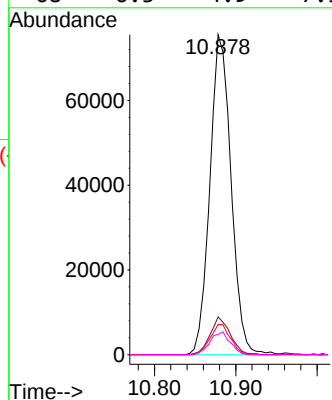
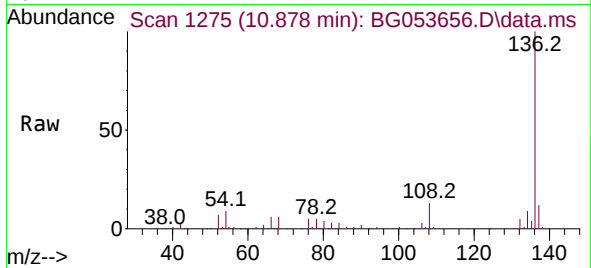




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.878 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

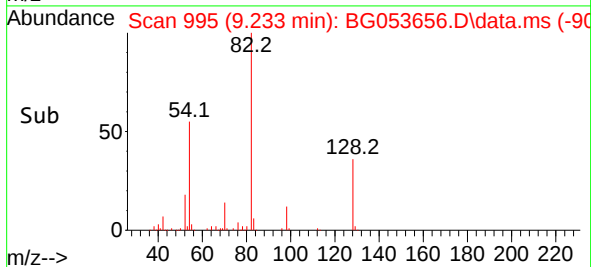
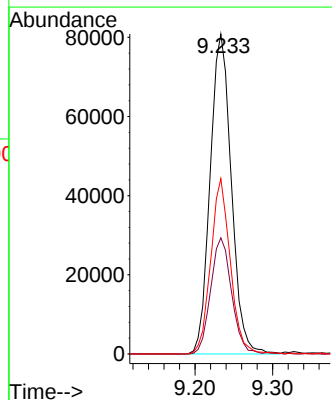
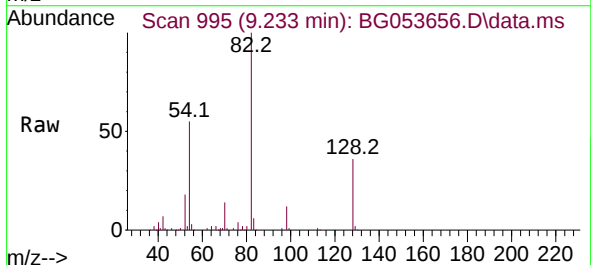
Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

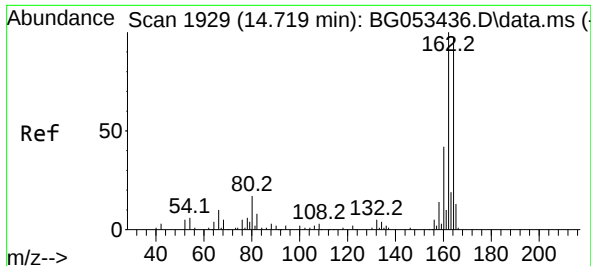
Tgt Ion:	136	Resp:	136881
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.5	12.7
54	9.4	7.4	11.2
68	6.3	4.9	7.3



#23
Nitrobenzene-d5
Concen: 47.779 ng
RT: 9.233 min Scan# 995
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

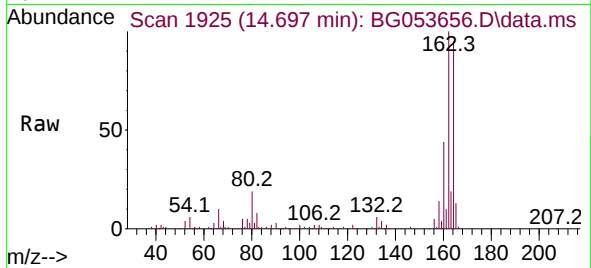
Tgt Ion:	82	Resp:	153637
Ion Ratio	Lower	Upper	
82	100		
128	36.3	27.9	41.9
54	54.8	41.2	61.8



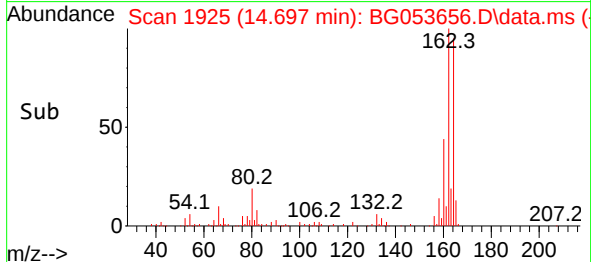
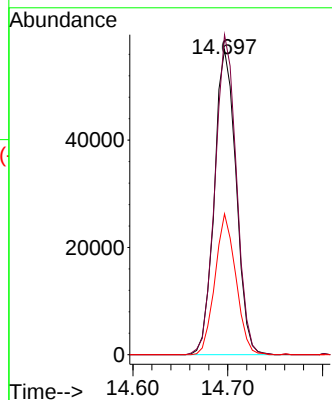


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.697 min Scan# 1925
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

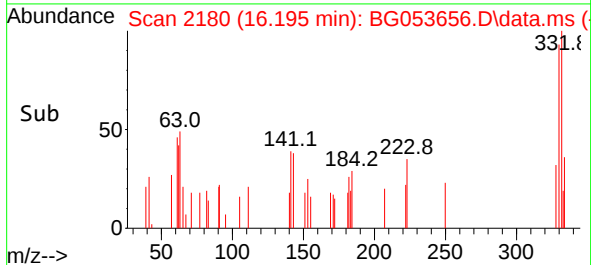
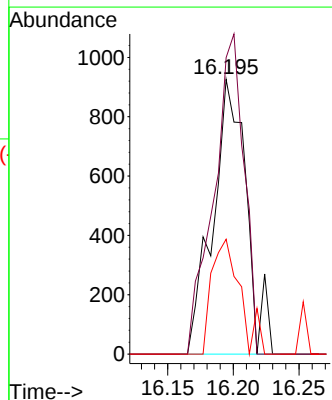
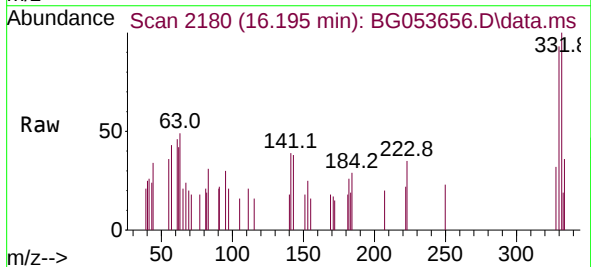


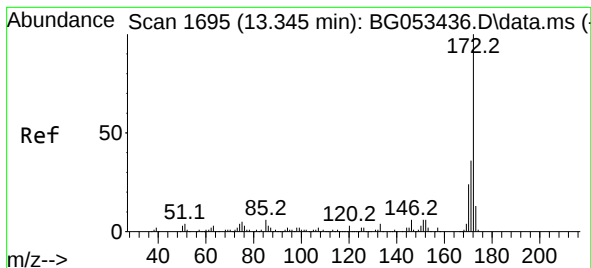
Tgt Ion:164 Resp: 90680
Ion Ratio Lower Upper
164 100
162 105.0 82.3 123.5
160 46.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 1.231 ng
RT: 16.195 min Scan# 2180
Delta R.T. 0.001 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

Tgt Ion:330 Resp: 1646
Ion Ratio Lower Upper
330 100
332 105.2 76.0 114.0
141 35.2 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 55.368 ng

RT: 13.316 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG053656.D

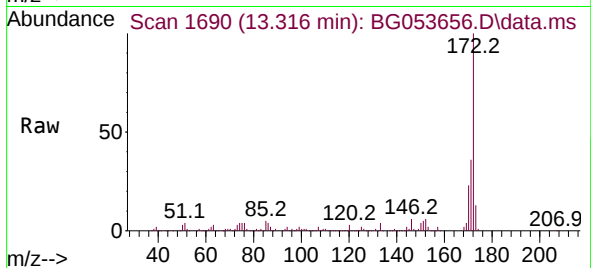
Acq: 20 May 2022 23:01

Instrument :

BNA_G

ClientSampleId :

3/4-BLEND-RCA



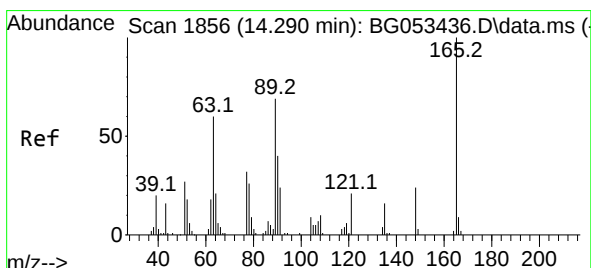
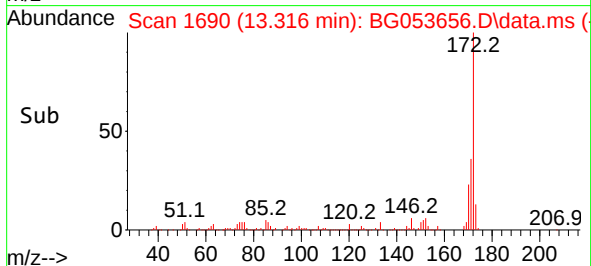
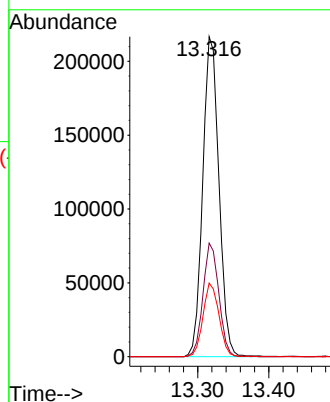
Tgt Ion:172 Resp: 343588

Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.0 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.746 ng

RT: 14.697 min Scan# 1925

Delta R.T. 0.424 min

Lab File: BG053656.D

Acq: 20 May 2022 23:01

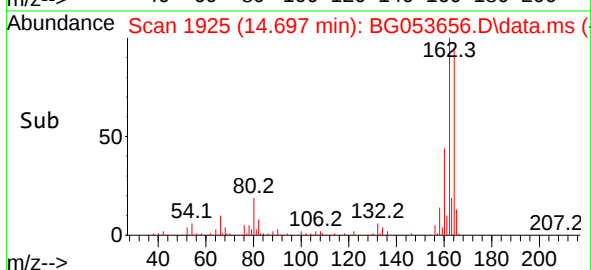
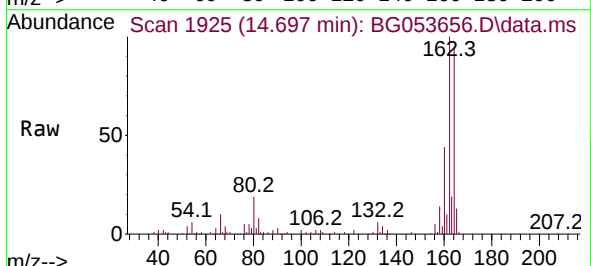
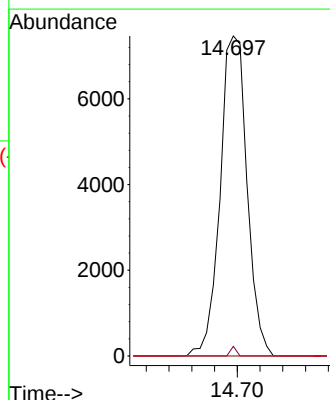
Tgt Ion:165 Resp: 12279

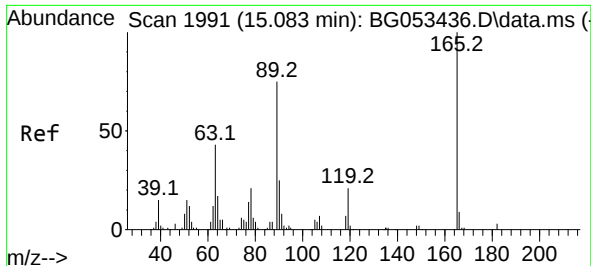
Ion Ratio Lower Upper

165 100

63 3.0 54.1 81.1#

89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 6.034 ng

RT: 14.697 min Scan# 1991

Delta R.T. -0.369 min

Lab File: BG053656.D

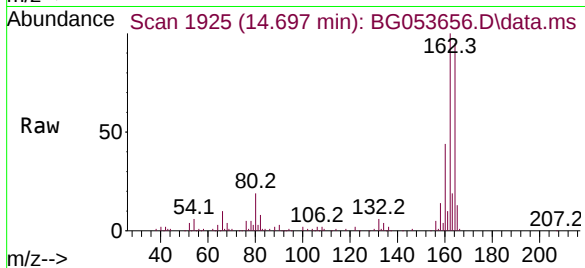
Acq: 20 May 2022 23:01

Instrument :

BNA_G

ClientSampleId :

3/4-BLEND-RCA



Tgt Ion:165 Resp: 12279

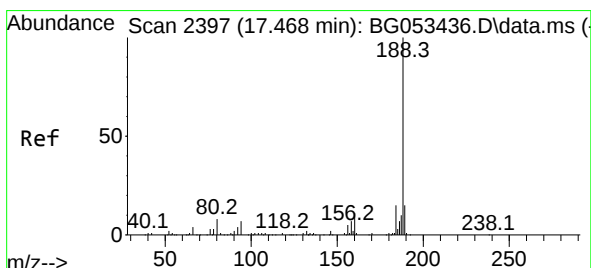
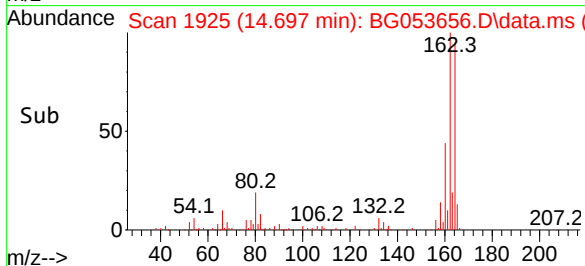
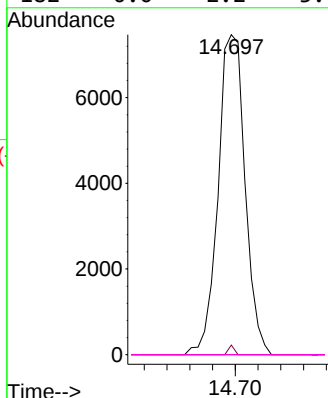
Ion Ratio Lower Upper

165 100

63 3.0 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: 17.446 min Scan# 2393

Delta R.T. -0.005 min

Lab File: BG053656.D

Acq: 20 May 2022 23:01

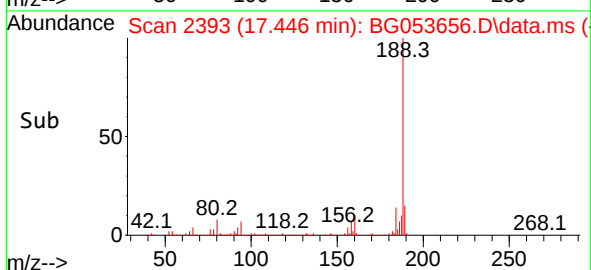
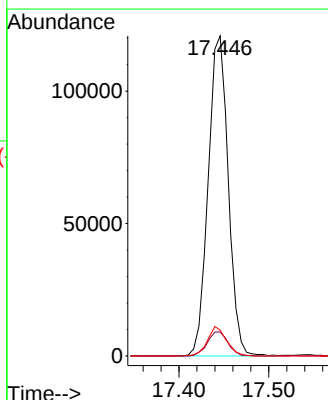
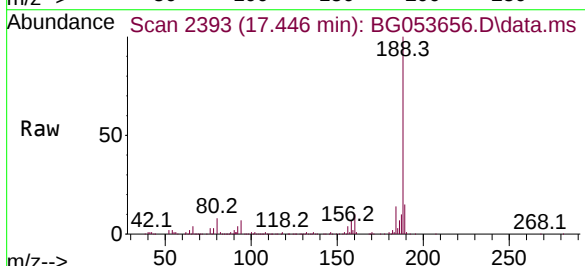
Tgt Ion:188 Resp: 187324

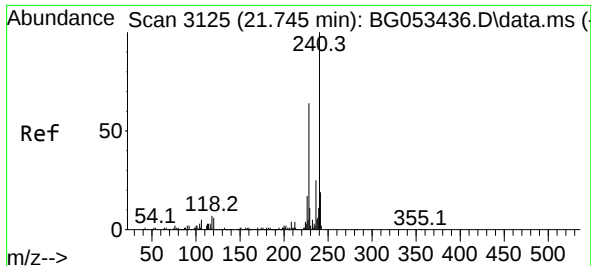
Ion Ratio Lower Upper

188 100

94 7.5 5.4 8.0

80 8.1 6.8 10.2

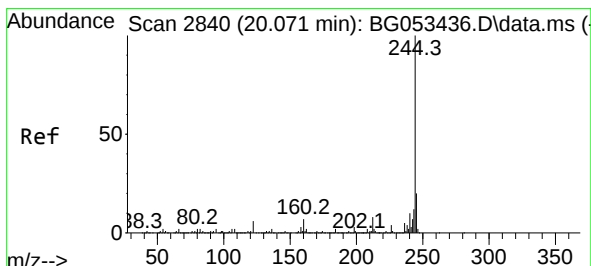
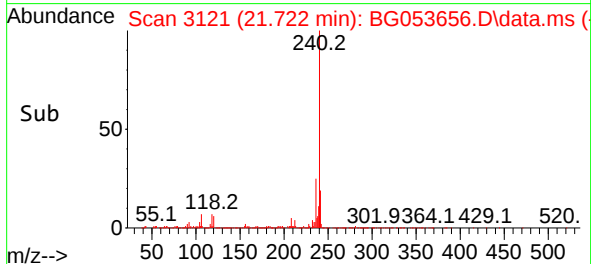
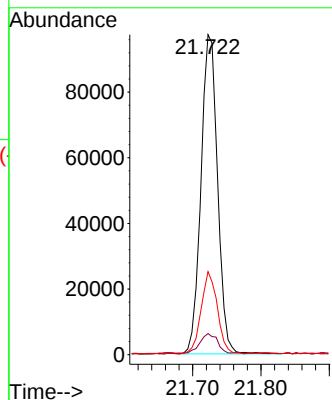
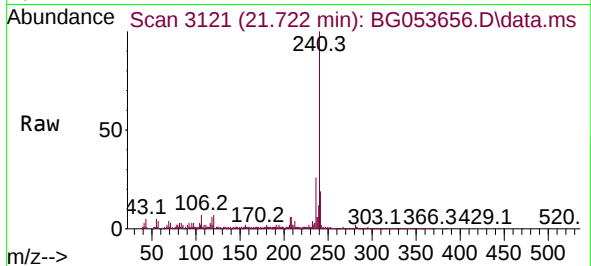




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.722 min Scan# 31
Delta R.T. -0.011 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

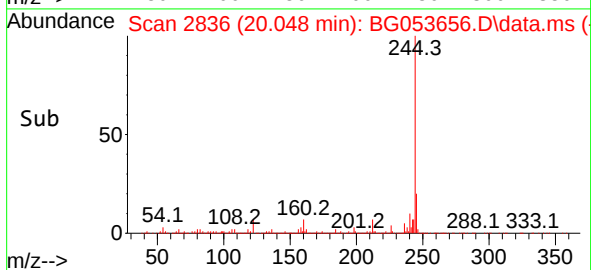
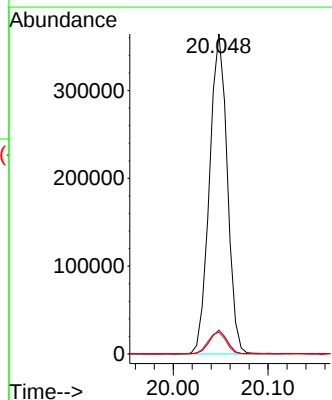
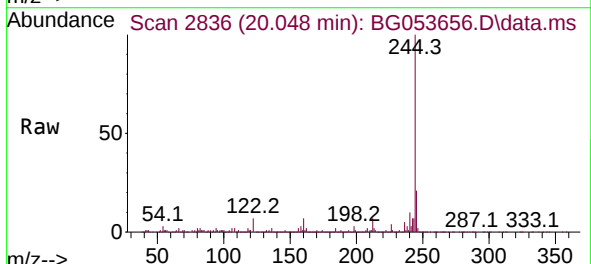
Instrument :
BNA_G
ClientSampleId :
3/4-BLEND-RCA

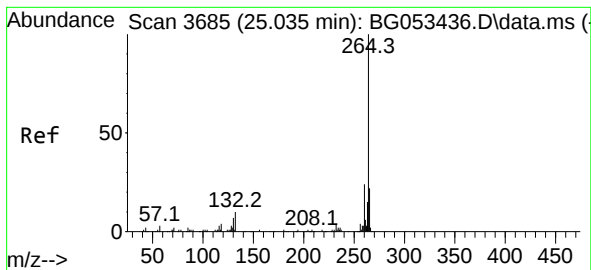
Tgt Ion:240 Resp: 164376
Ion Ratio Lower Upper
240 100
120 6.6 4.6 7.0
236 26.0 20.2 30.4



#79
Terphenyl-d14
Concen: 53.735 ng
RT: 20.048 min Scan# 2836
Delta R.T. -0.005 min
Lab File: BG053656.D
Acq: 20 May 2022 23:01

Tgt Ion:244 Resp: 474247
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.8 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.006 min Scan# 30

Delta R.T. 0.001 min

Lab File: BG053656.D

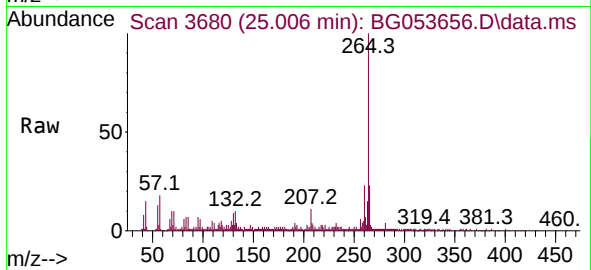
Acq: 20 May 2022 23:01

Instrument :

BNA_G

ClientSampleId :

3/4-BLEND-RCA



Tgt Ion:264 Resp: 152522

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.8 17.4 26.2

