

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053657.D
 Acq On : 20 May 2022 23:40
 Operator : CG/JU
 Sample : N2960-03 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BIN-4-SP-2

Quant Time: May 23 01:36:13 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)

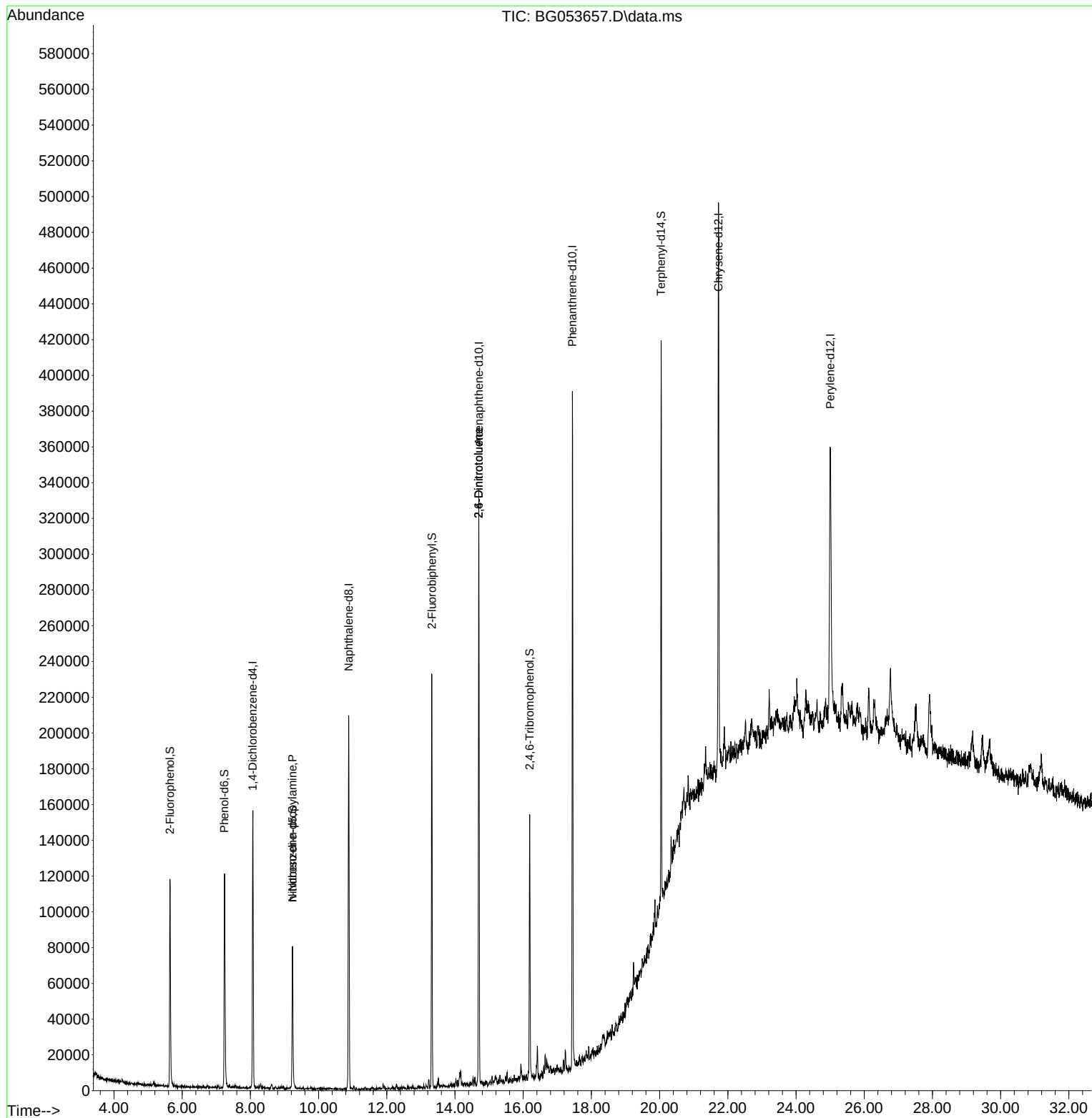
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.067	152	43484	20.000	ng	0.00
21) Naphthalene-d8	10.881	136	172957	20.000	ng	0.00
39) Acenaphthene-d10	14.699	164	114943	20.000	ng	0.00
64) Phenanthrene-d10	17.443	188	236031	20.000	ng	0.00
76) Chrysene-d12	21.725	240	206396	20.000	ng	0.00
86) Perylene-d12	25.003	264	179966	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.641	112	53471	20.869	ng	0.00
7) Phenol-d6	7.239	99	79925	20.554	ng	0.00
23) Nitrobenzene-d5	9.236	82	56138	13.817	ng	0.00
42) 2,4,6-Tribromophenol	16.191	330	31558	18.615	ng	0.00
45) 2-Fluorobiphenyl	13.319	172	118867	15.112	ng	0.00
79) Terphenyl-d14	20.045	244	157242	14.189	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.236	70	7880	2.824	ng	Qvalue # 80
51) 2,6-Dinitrotoluene	14.693	165	15745	8.848	ng	# 19
57) 2,4-Dinitrotoluene	14.693	165	15745	6.104	ng	# 24

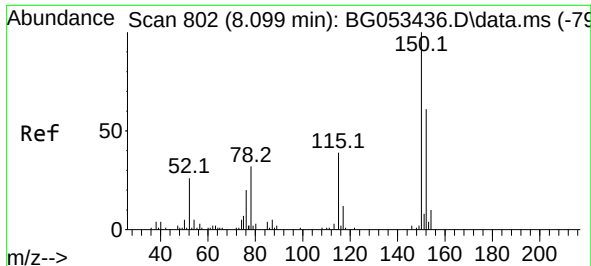
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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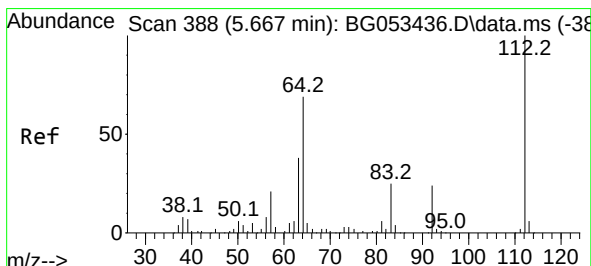
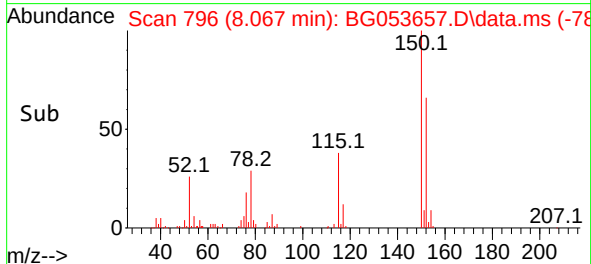
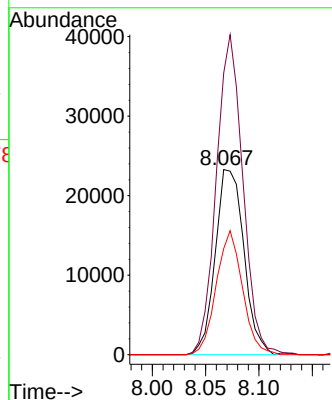
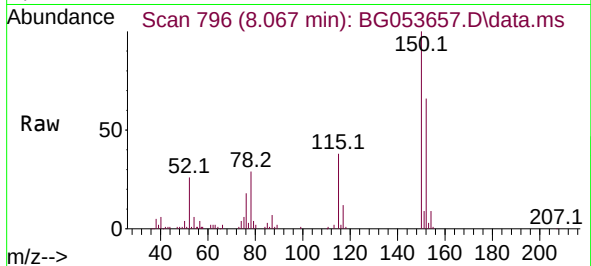




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.067 min Scan# 796
Delta R.T. -0.008 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

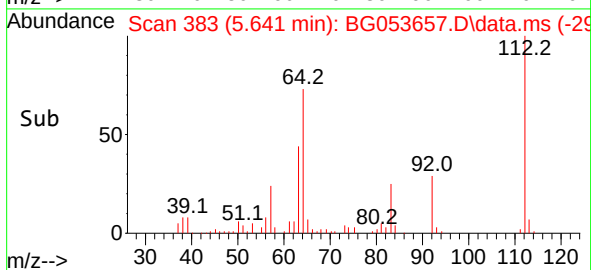
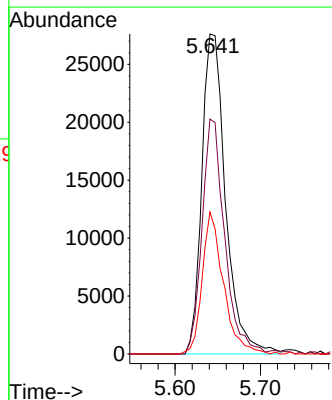
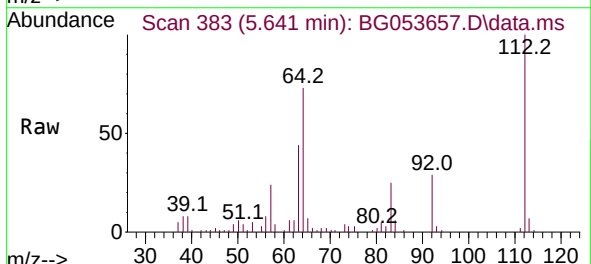
Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-2

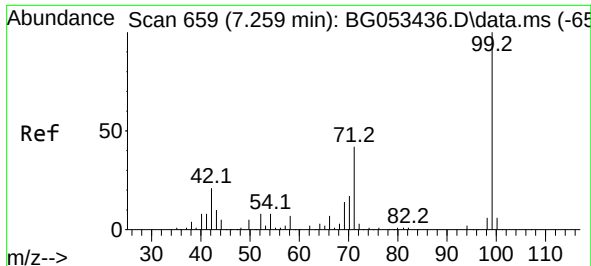
Tgt Ion:152 Resp: 43484
Ion Ratio Lower Upper
152 100
150 152.1 131.6 197.4
115 57.3 50.9 76.3



#5
2-Fluorophenol
Concen: 20.869 ng
RT: 5.641 min Scan# 383
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion:112 Resp: 53471
Ion Ratio Lower Upper
112 100
64 73.4 55.1 82.7
63 44.4 30.4 45.6

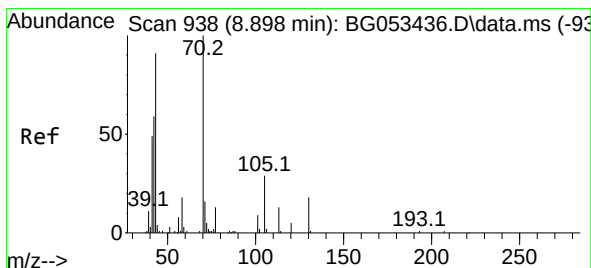
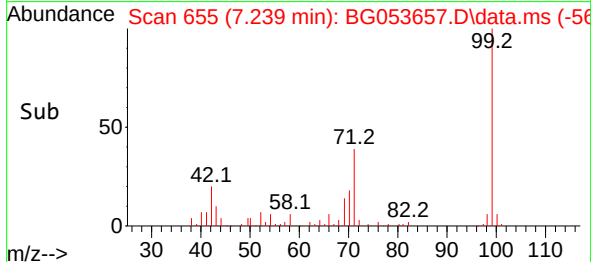
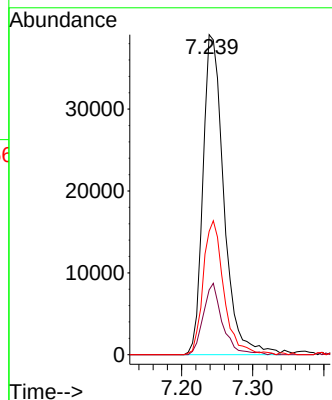
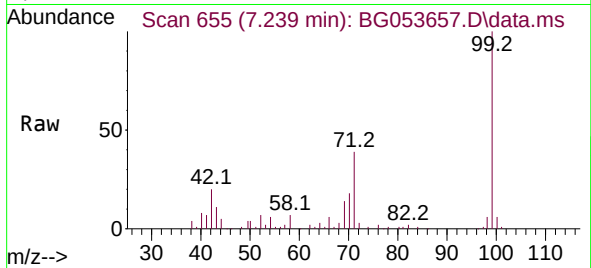




#7
Phenol-d6
Concen: 20.554 ng
RT: 7.239 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

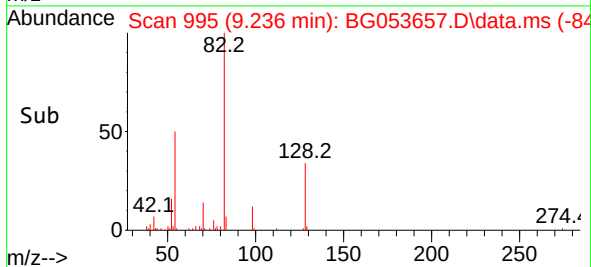
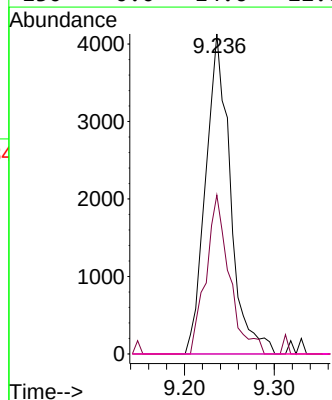
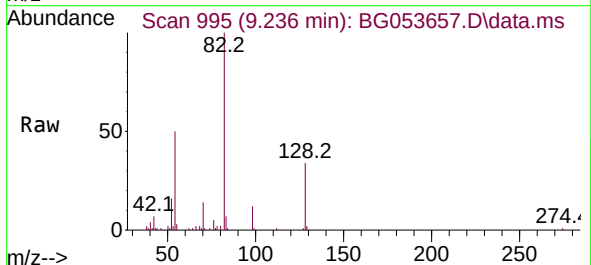
Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-2

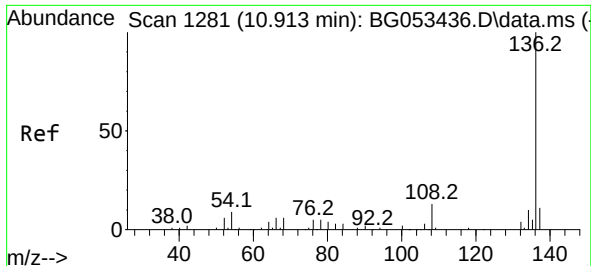
Tgt Ion: 99 Resp: 79925
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 38.6 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 2.824 ng
RT: 9.236 min Scan# 995
Delta R.T. 0.356 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion: 70 Resp: 7880
Ion Ratio Lower Upper
70 100
42 49.7 47.3 70.9
101 0.0 7.0 10.4#
130 0.0 14.6 22.0#

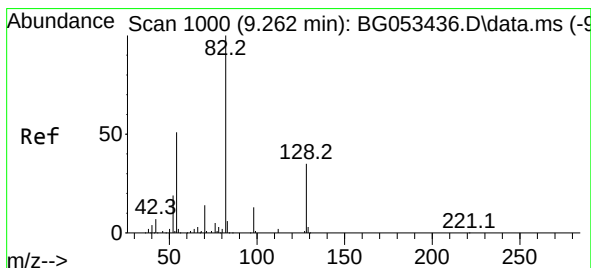
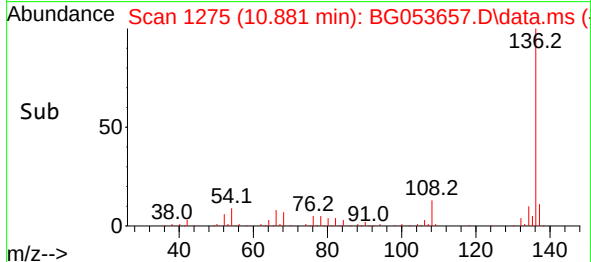
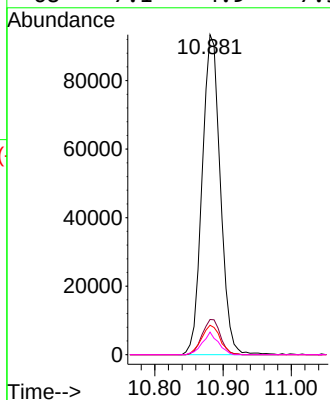
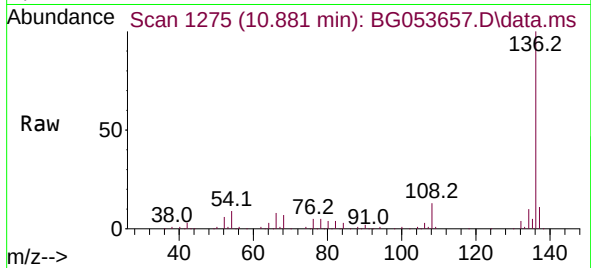




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.881 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

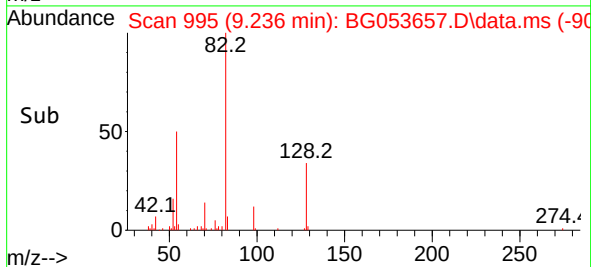
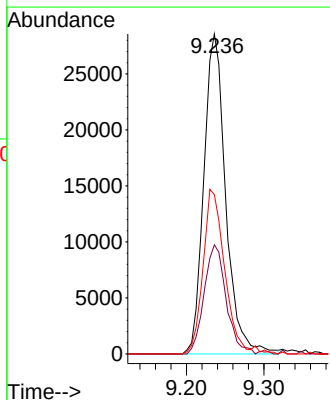
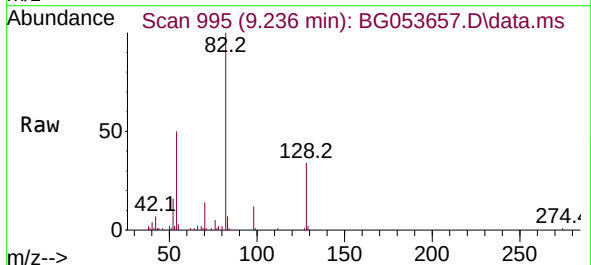
Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-2

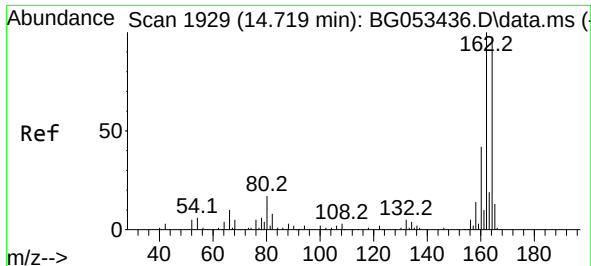
Tgt Ion:	136	Resp:	172957
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	9.2	7.4	11.2
68	7.1	4.9	7.3



#23
Nitrobenzene-d5
Concen: 13.817 ng
RT: 9.236 min Scan# 995
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion:	82	Resp:	56138
Ion Ratio	Lower	Upper	
82	100		
128	34.1	27.9	41.9
54	49.8	41.2	61.8

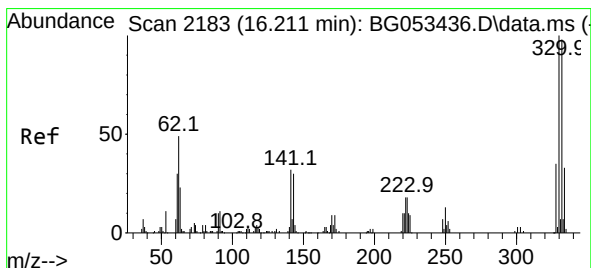
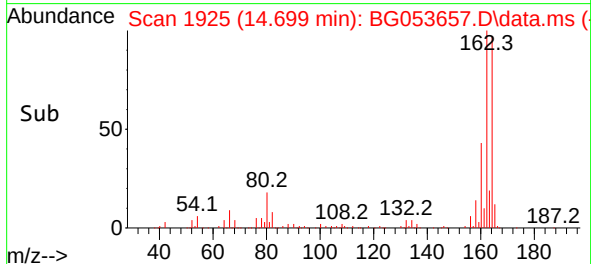
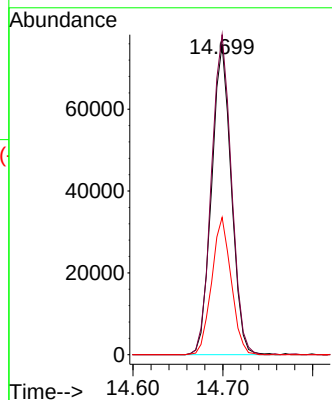
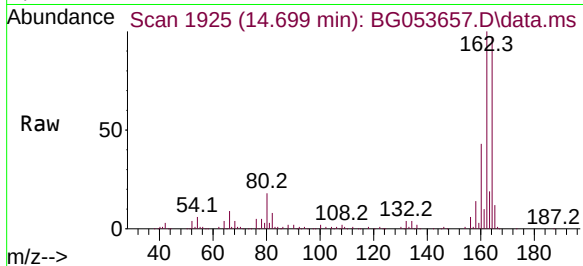




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.699 min Scan# 1925
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

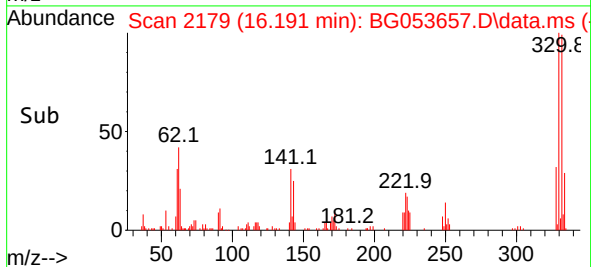
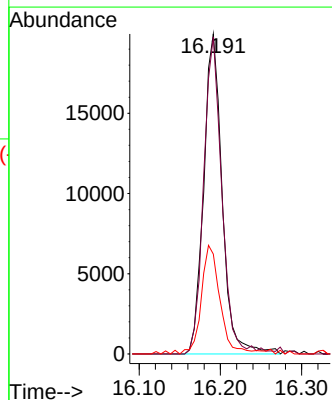
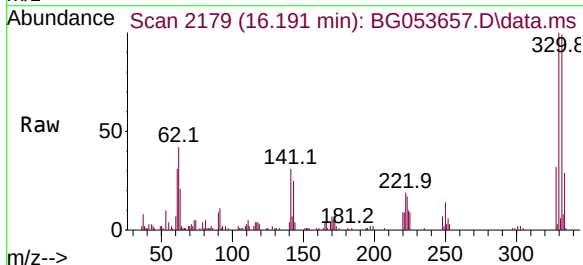
Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-2

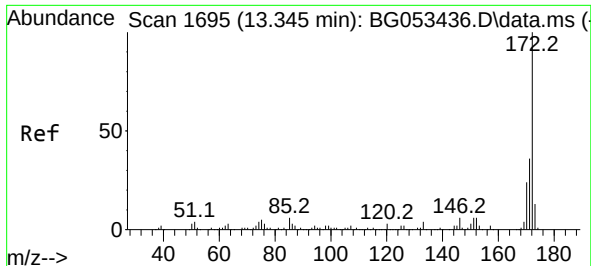
Tgt Ion:164 Resp: 114943
Ion Ratio Lower Upper
164 100
162 103.1 82.3 123.5
160 44.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 18.615 ng
RT: 16.191 min Scan# 2179
Delta R.T. -0.002 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion:330 Resp: 31558
Ion Ratio Lower Upper
330 100
332 97.4 76.0 114.0
141 34.5 27.1 40.7

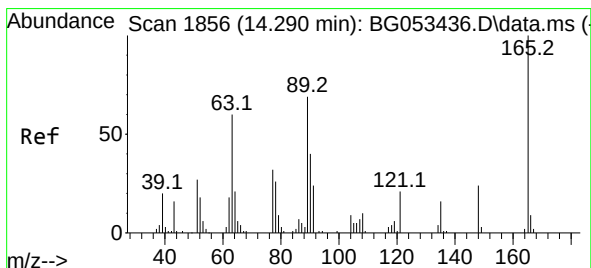
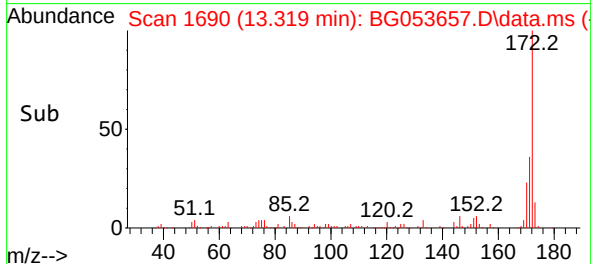
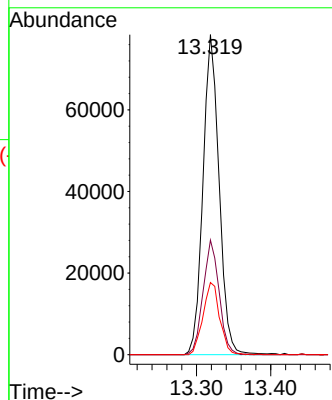
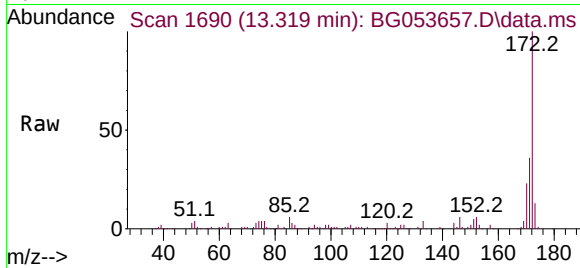




#45
2-Fluorobiphenyl
Concen: 15.112 ng
RT: 13.319 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

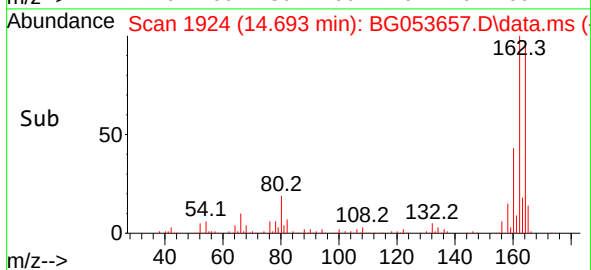
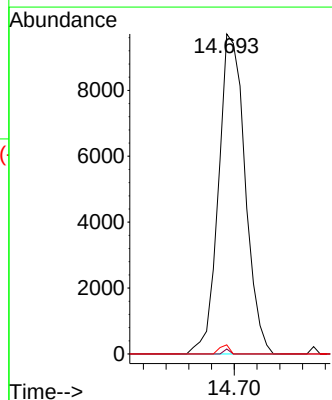
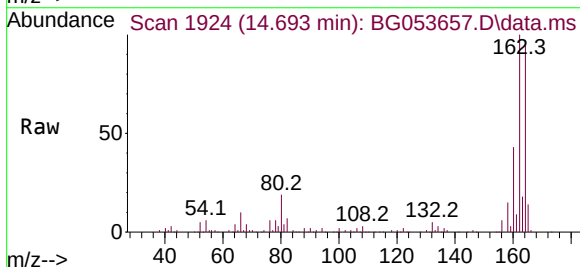
Instrument :
BNA_G
ClientSampleId :
BIN-4-SP-2

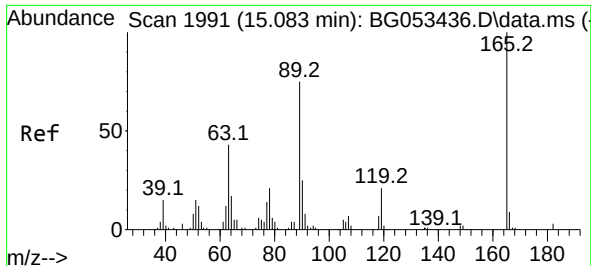
Tgt Ion:172 Resp: 118867
Ion Ratio Lower Upper
172 100
171 35.8 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.848 ng
RT: 14.693 min Scan# 1924
Delta R.T. 0.421 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion:165 Resp: 15745
Ion Ratio Lower Upper
165 100
63 1.6 54.1 81.1#
89 2.8 54.8 82.2#

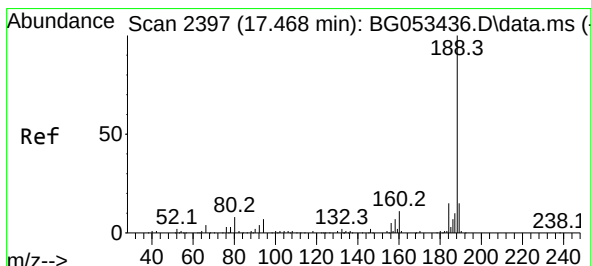
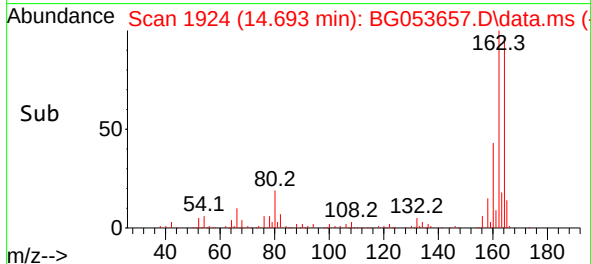
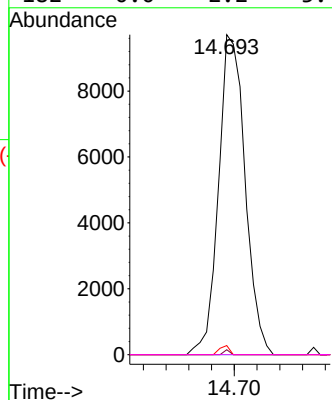
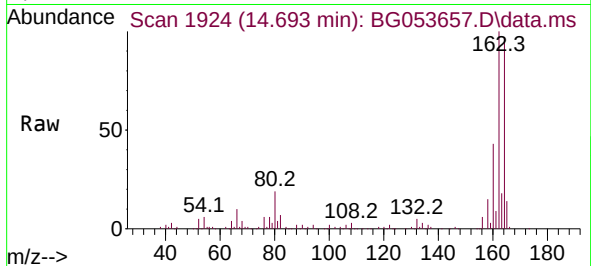




#57
2,4-Dinitrotoluene
Concen: 6.104 ng
RT: 14.693 min Scan# 1991
Delta R.T. -0.372 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

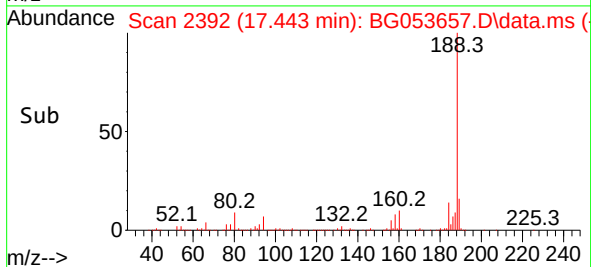
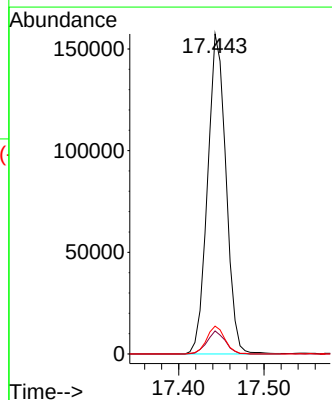
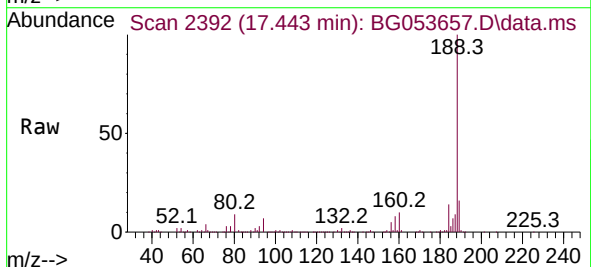
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BNA_G
ClientSampleId :
BIN-4-SP-2

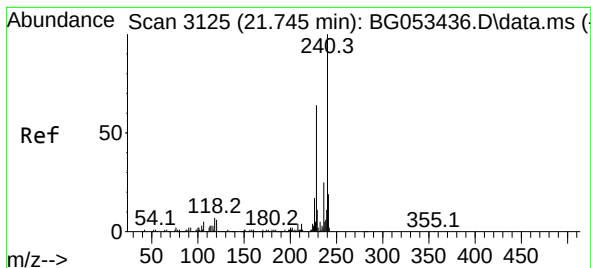
Tgt Ion:165 Resp: 15745
Ion Ratio Lower Upper
165 100
63 1.6 34.6 52.0#
89 2.8 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.443 min Scan# 2392
Delta R.T. -0.008 min
Lab File: BG053657.D
Acq: 20 May 2022 23:40

Tgt Ion:188 Resp: 236031
Ion Ratio Lower Upper
188 100
94 7.2 5.4 8.0
80 8.7 6.8 10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.725 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG053657.D

Acq: 20 May 2022 23:40

Instrument :

BNA_G

ClientSampleId :

BIN-4-SP-2

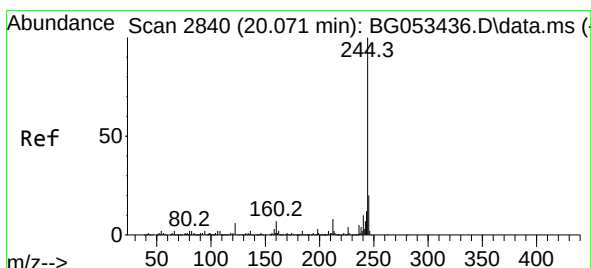
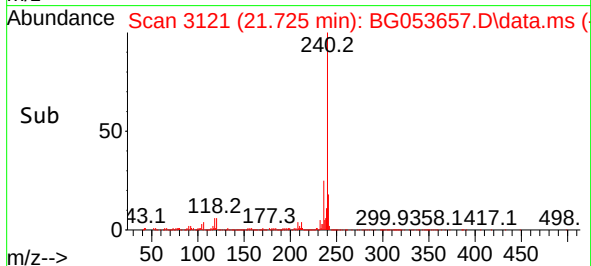
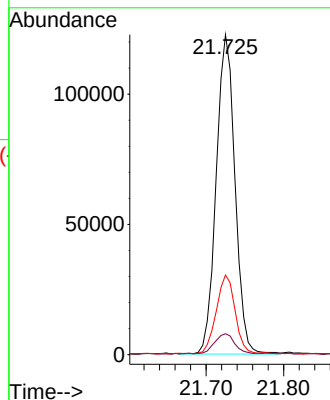
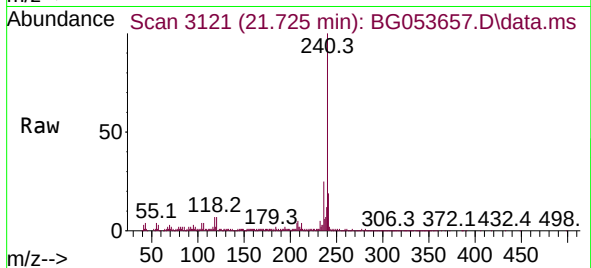
Tgt Ion:240 Resp: 206396

Ion Ratio Lower Upper

240 100

120 6.6 4.6 7.0

236 24.9 20.2 30.4



#79

Terphenyl-d14

Concen: 14.189 ng

RT: 20.045 min Scan# 2835

Delta R.T. -0.008 min

Lab File: BG053657.D

Acq: 20 May 2022 23:40

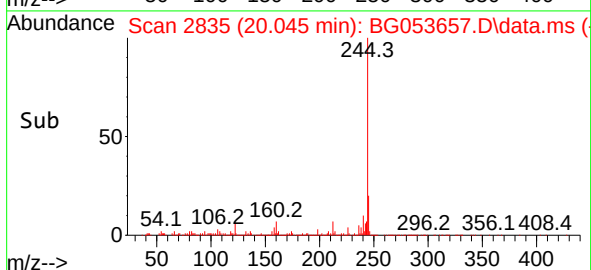
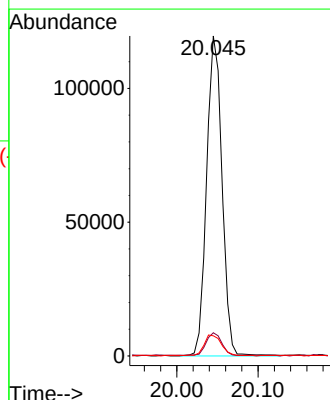
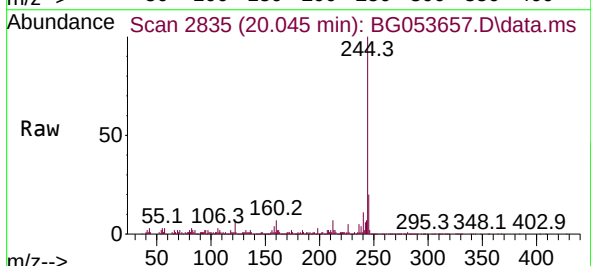
Tgt Ion:244 Resp: 157242

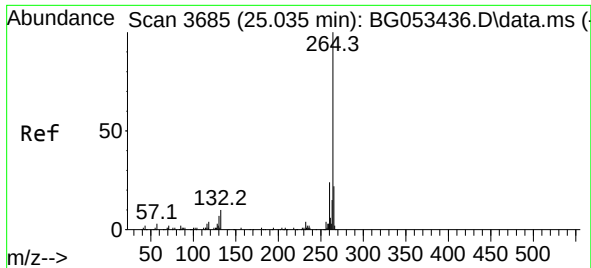
Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 6.3 5.0 7.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 30
 Delta R.T. -0.002 min
 Lab File: BG053657.D
 Acq: 20 May 2022 23:40

Instrument :
 BNA_G
 ClientSampleId :
 BIN-4-SP-2

Tgt Ion:264 Resp: 179966
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 24.2 17.4 26.2

