

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055369.D
 Acq On : 29 Oct 2022 17:27
 Operator : CG/JU
 Sample : N5318-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221106-COMP-05

Quant Time: Oct 31 02:44:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

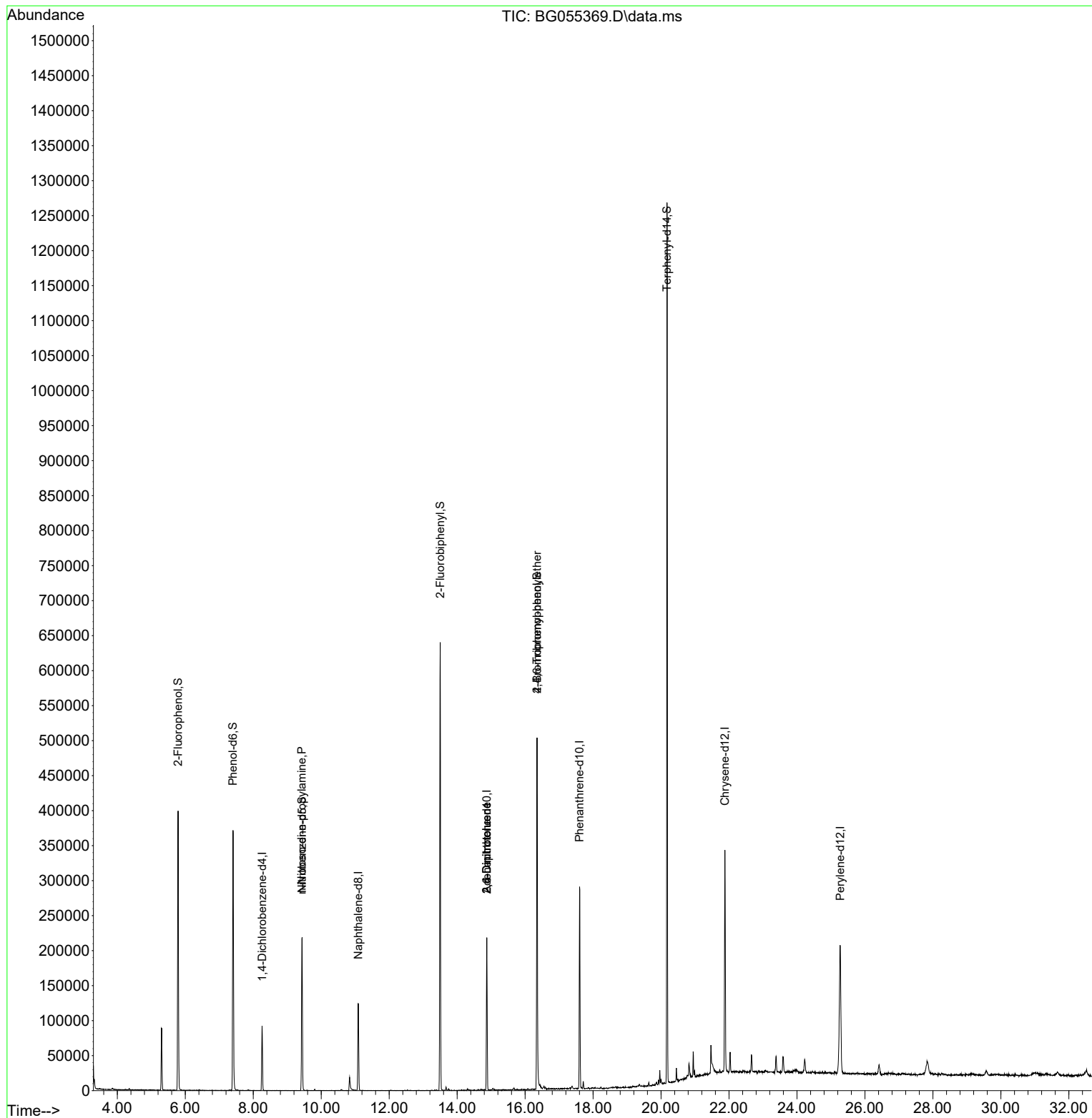
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	28132	20.000	ng	0.00
21) Naphthalene-d8	11.093	136	115486	20.000	ng	0.00
39) Acenaphthene-d10	14.871	164	78587	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	186634	20.000	ng	# 0.00
76) Chrysene-d12	21.881	240	198348	20.000	ng	0.00
86) Perylene-d12	25.271	264	214911	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	187590	116.758	ng	0.00
7) Phenol-d6	7.404	99	239213	102.770	ng	0.00
23) Nitrobenzene-d5	9.437	82	142194	62.873	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	115645	135.367	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	333132	69.382	ng	0.00
79) Terphenyl-d14	20.177	244	630024	65.995	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.431	70	18925	9.791	ng	# 78
51) 2,6-Dinitrotoluene	14.871	165	10261	8.172	ng	# 19
57) 2,4-Dinitrotoluene	14.871	165	10261	5.632	ng	# 18
67) 4-Bromophenyl-phenylether	16.352	248	7188	3.964	ng	# 1

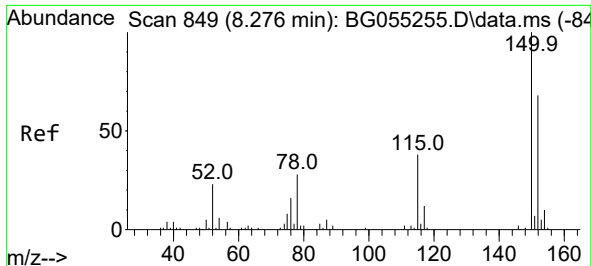
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
Data File : BG055369.D
Acq On : 29 Oct 2022 17:27
Operator : CG/JU
Sample : N5318-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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20221106-COMP-05

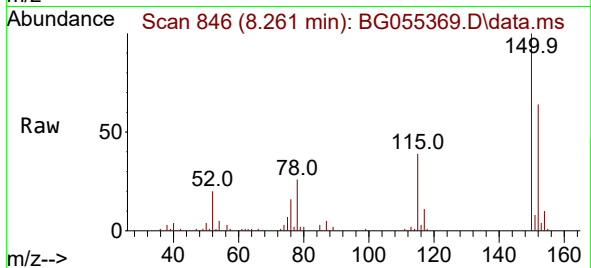
Quant Time: Oct 31 02:44:23 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 29 04:52:38 2022
Response via : Initial Calibration



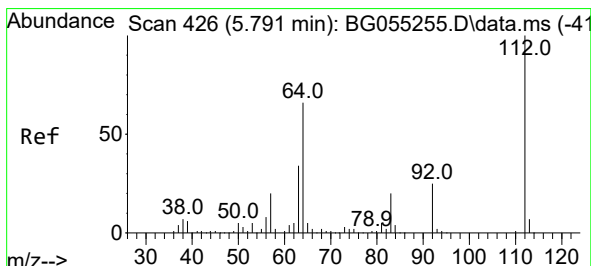
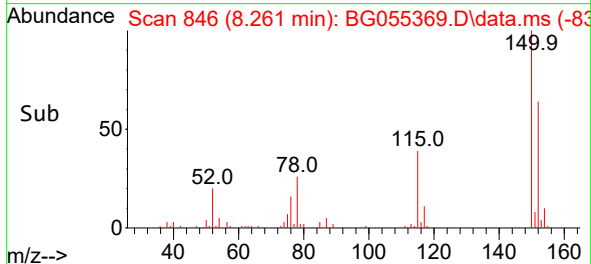
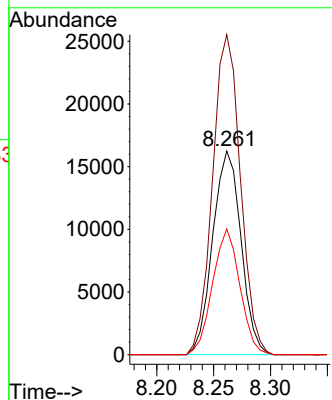


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

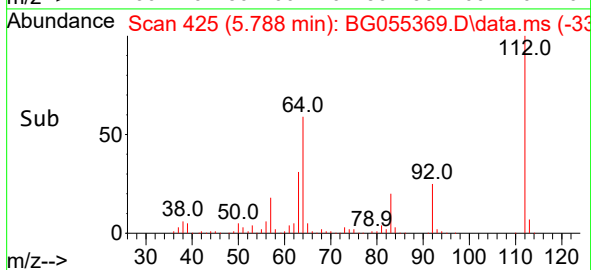
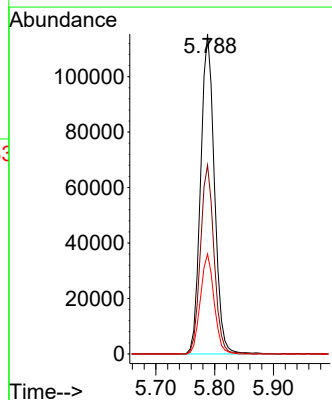
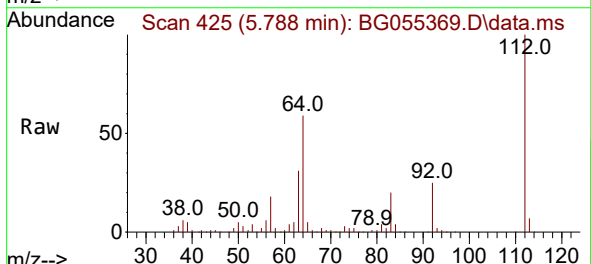


Tgt Ion:152 Resp: 28132
Ion Ratio Lower Upper
152 100
150 157.1 118.2 177.4
115 61.7 44.5 66.7



#5
2-Fluorophenol
Concen: 116.758 ng
RT: 5.788 min Scan# 425
Delta R.T. 0.002 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion:112 Resp: 187590
Ion Ratio Lower Upper
112 100
64 59.0 52.6 78.8
63 31.3 27.1 40.7

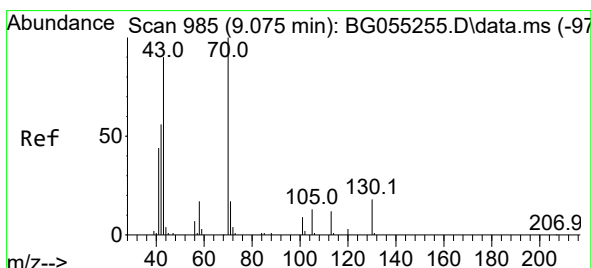
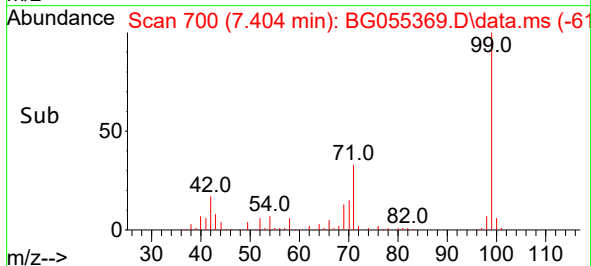
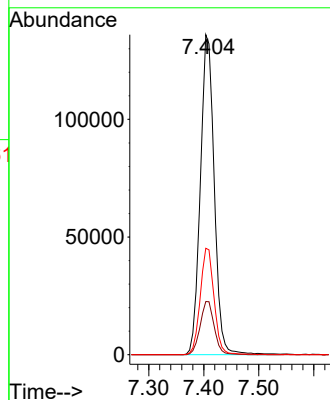
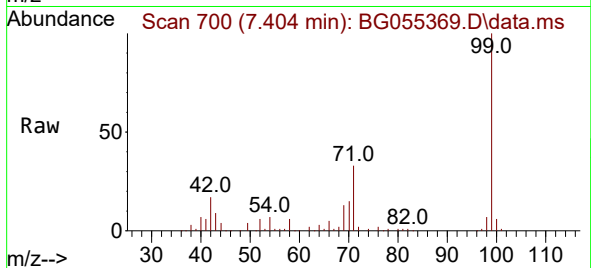




#7
Phenol-d6
Concen: 102.770 ng
RT: 7.404 min Scan# 702
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

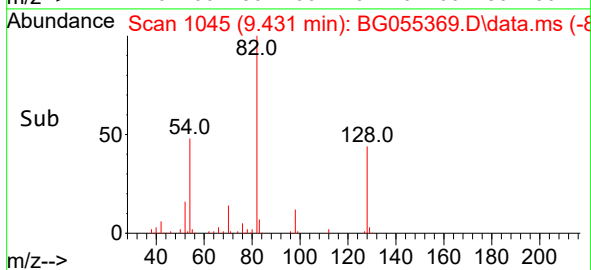
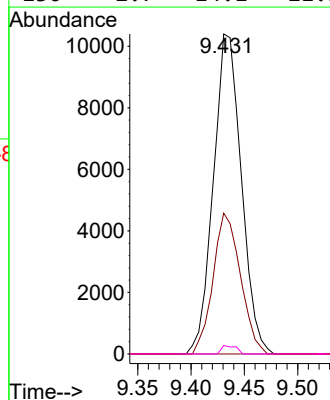
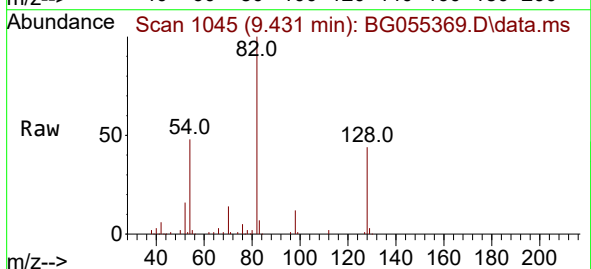
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

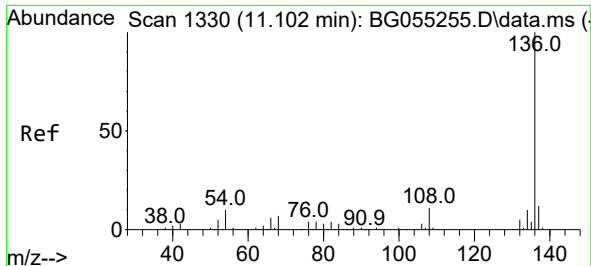
Tgt Ion: 99 Resp: 239213
Ion Ratio Lower Upper
99 100
42 16.6 15.2 22.8
71 33.3 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.791 ng
RT: 9.431 min Scan# 1045
Delta R.T. 0.361 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion: 70 Resp: 18925
Ion Ratio Lower Upper
70 100
42 44.0 45.8 68.6#
101 0.0 7.4 11.0#
130 2.7 14.1 21.1#

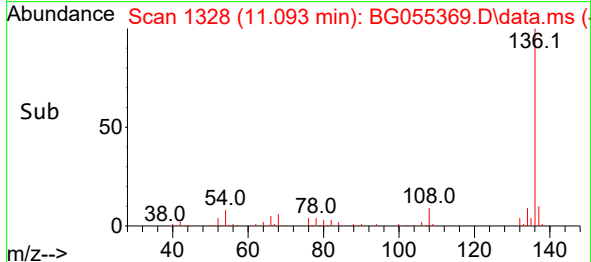
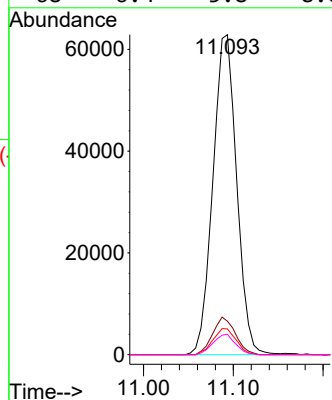
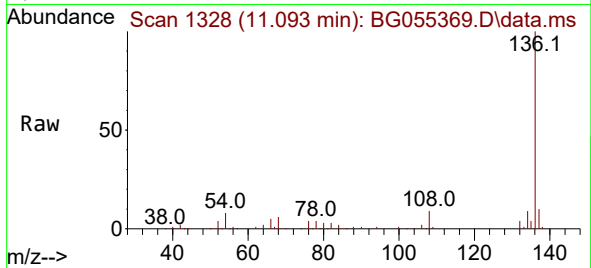




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

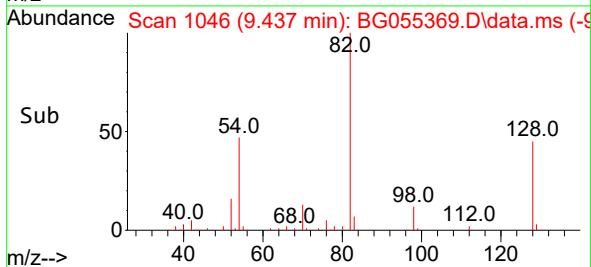
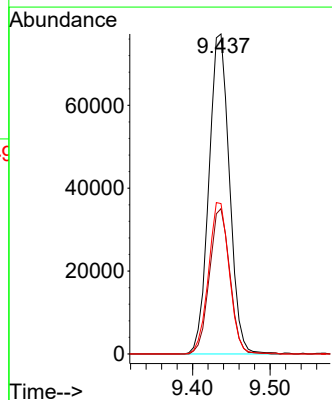
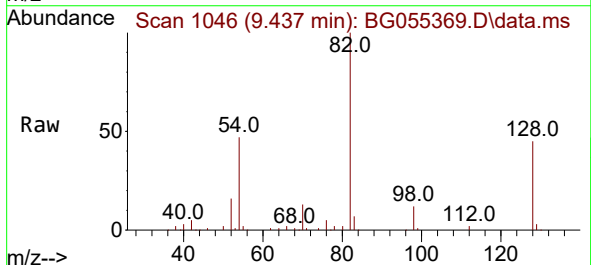
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

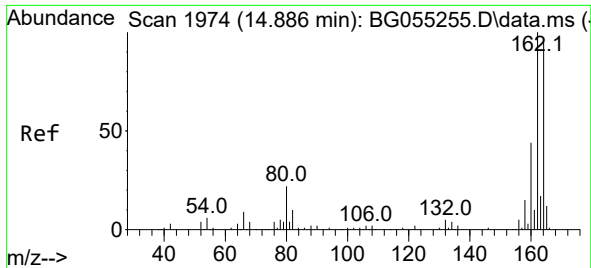
Tgt Ion:	136	Resp:	115486
Ion Ratio	Lower	Upper	
136	100		
137	10.5	9.2	13.8
54	8.1	7.8	11.8
68	6.4	5.8	8.6



#23
Nitrobenzene-d5
Concen: 62.873 ng
RT: 9.437 min Scan# 1046
Delta R.T. -0.003 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion:	82	Resp:	142194
Ion Ratio	Lower	Upper	
82	100		
128	45.4	32.0	48.0
54	47.0	40.9	61.3

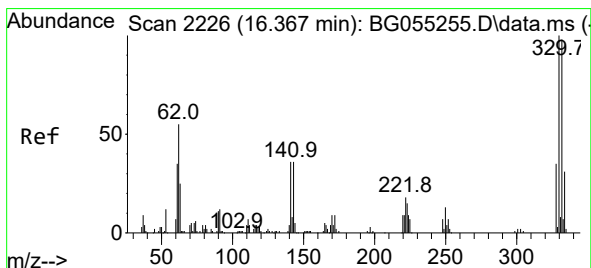
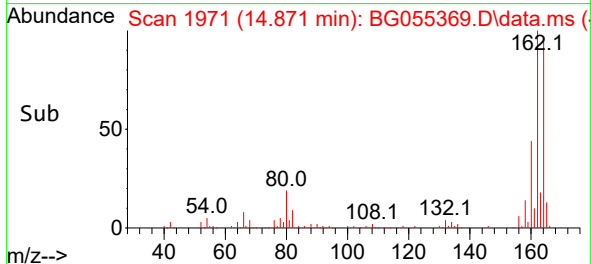
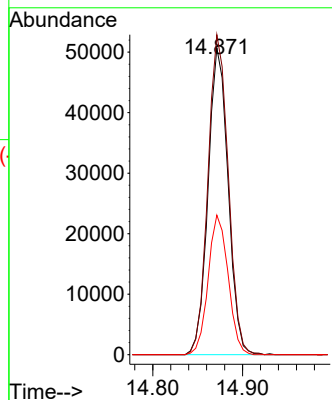
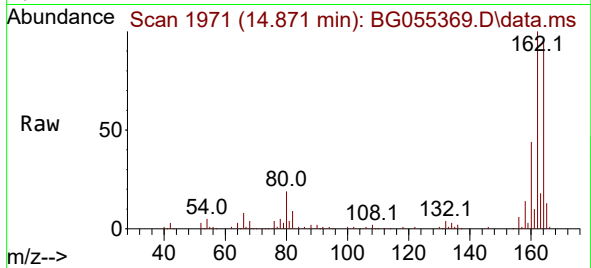




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

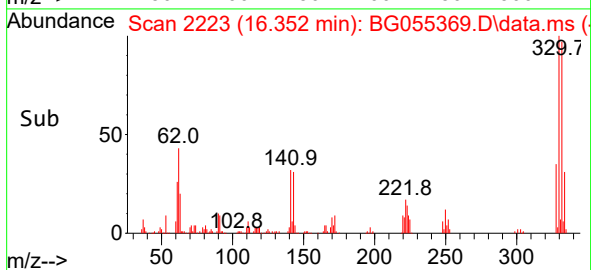
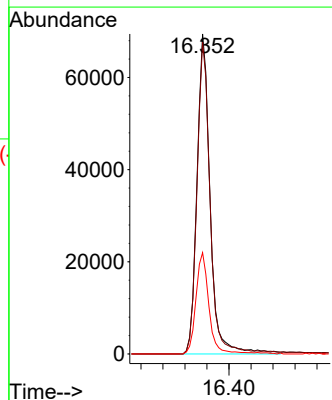
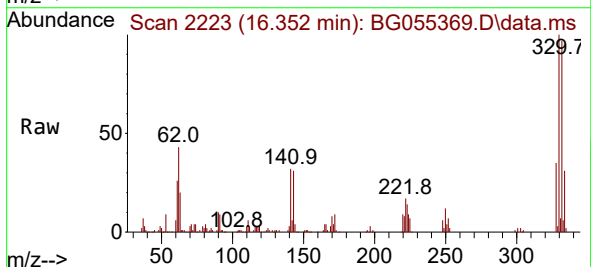
Instrument :
BNA_G
ClientSampleId :
20221106-COMP-05

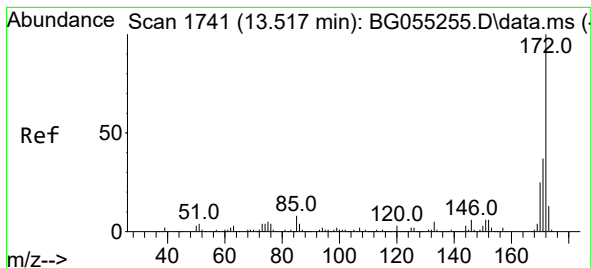
Tgt Ion:164 Resp: 78587
Ion Ratio Lower Upper
164 100
162 104.3 84.0 126.0
160 45.5 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 135.367 ng
RT: 16.352 min Scan# 2223
Delta R.T. -0.009 min
Lab File: BG055369.D
Acq: 29 Oct 2022 17:27

Tgt Ion:330 Resp: 115645
Ion Ratio Lower Upper
330 100
332 97.8 77.4 116.0
141 31.0 29.8 44.8





#45

2-Fluorobiphenyl

Concen: 69.382 ng

RT: 13.502 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

Instrument :

BNA_G

ClientSampleId :

20221106-COMP-05

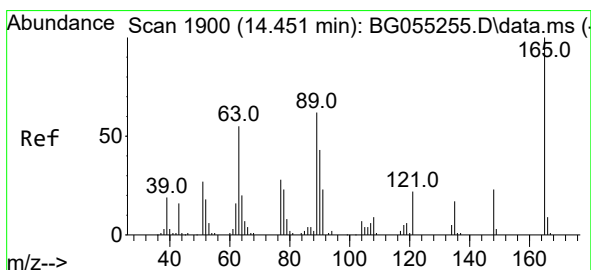
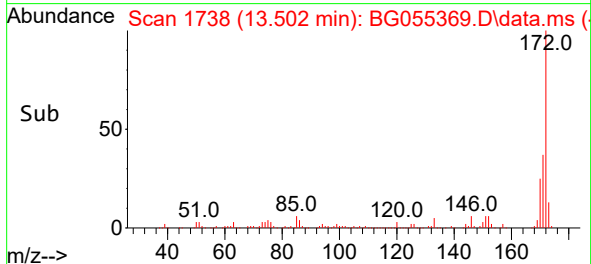
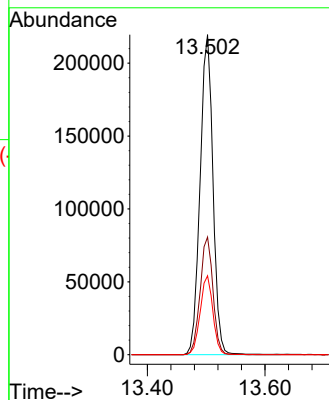
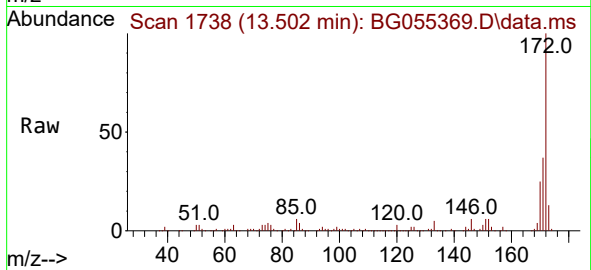
Tgt Ion:172 Resp: 333132

Ion Ratio Lower Upper

172 100

171 36.7 29.7 44.5

170 24.7 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 8.172 ng

RT: 14.871 min Scan# 1971

Delta R.T. 0.420 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

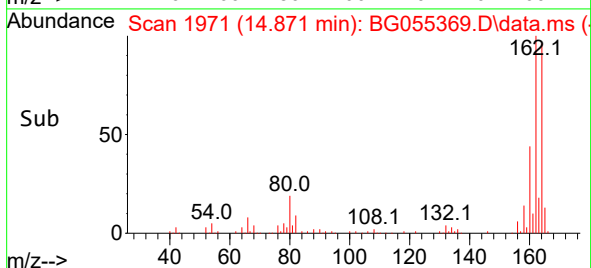
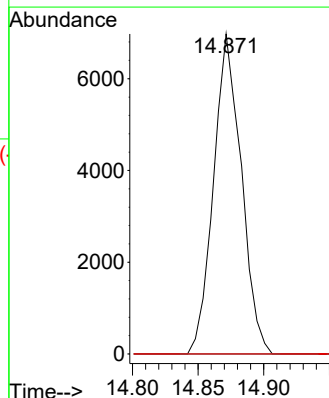
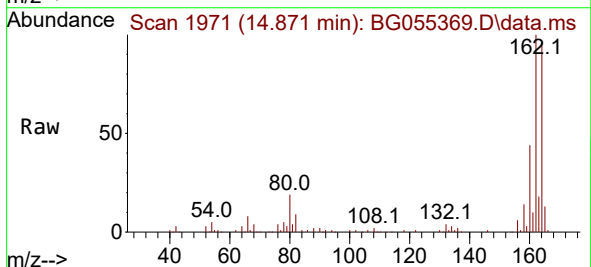
Tgt Ion:165 Resp: 10261

Ion Ratio Lower Upper

165 100

63 0.0 49.2 73.8#

89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.632 ng

RT: 14.871 min Scan# 1971

Delta R.T. -0.362 min

Lab File: BG055369.D

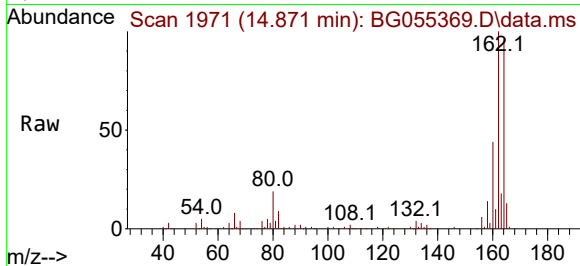
Acq: 29 Oct 2022 17:27

Instrument :

BNA_G

ClientSampleId :

20221106-COMP-05



Tgt Ion:165 Resp: 10261

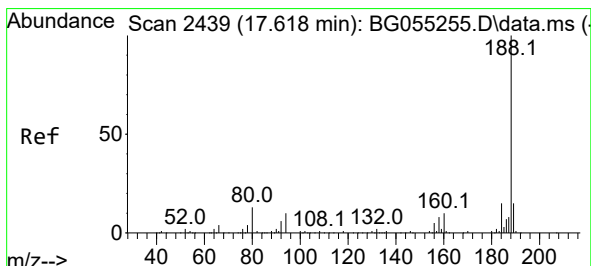
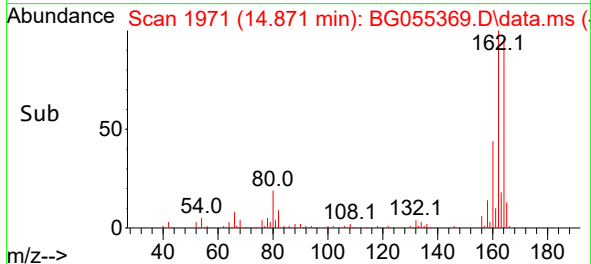
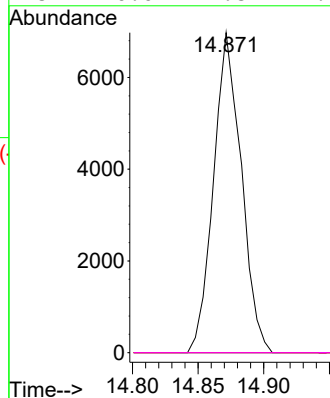
Ion Ratio Lower Upper

165 100

63 0.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.603 min Scan# 2436

Delta R.T. -0.009 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

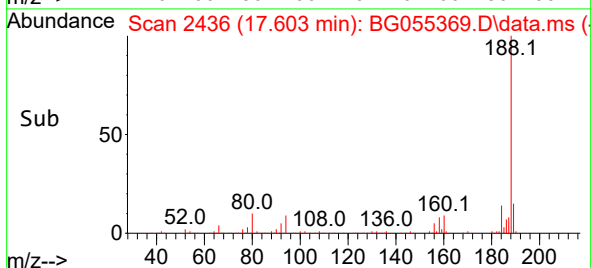
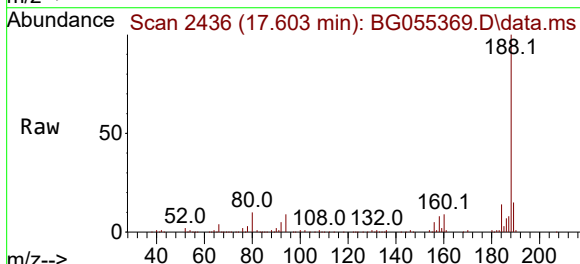
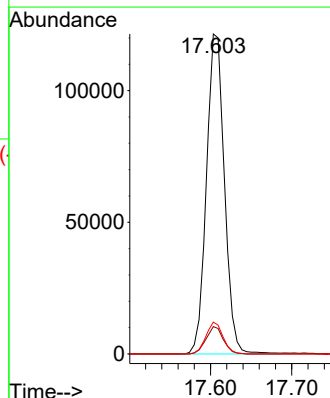
Tgt Ion:188 Resp: 186634

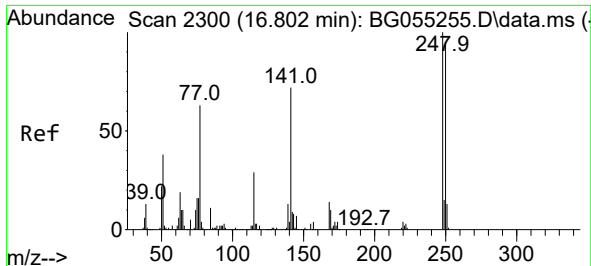
Ion Ratio Lower Upper

188 100

94 8.5 8.2 12.4

80 9.9 10.1 15.1#





#67

4-Bromophenyl-phenylether

Concen: 3.964 ng

RT: 16.352 min Scan# 21

Delta R.T. -0.444 min

Lab File: BG055369.D

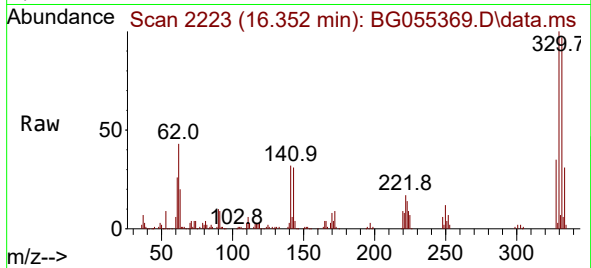
Acq: 29 Oct 2022 17:27

Instrument :

BNA_G

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20221106-COMP-05



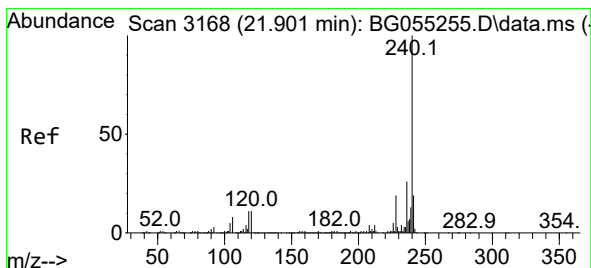
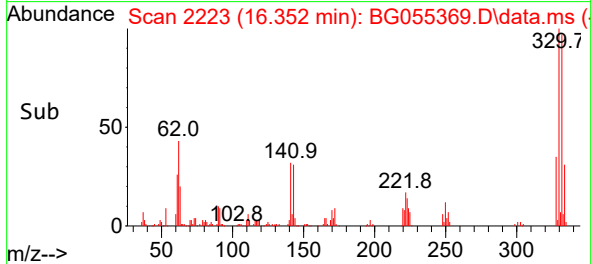
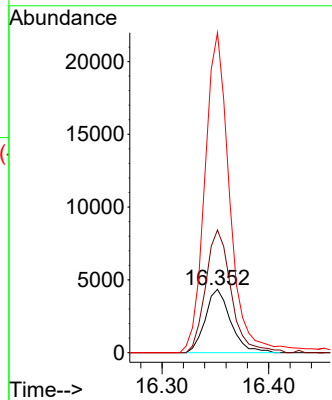
Tgt Ion:248 Resp: 7188

Ion Ratio Lower Upper

248 100

250 194.0 76.0 114.0#

141 505.6 58.0 87.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.881 min Scan# 3164

Delta R.T. -0.009 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

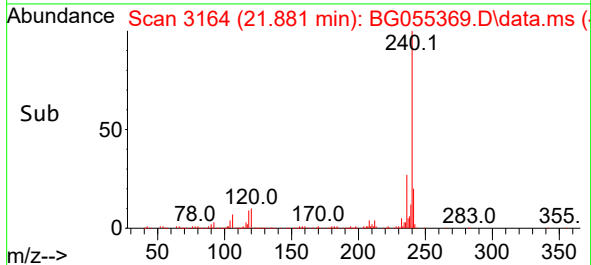
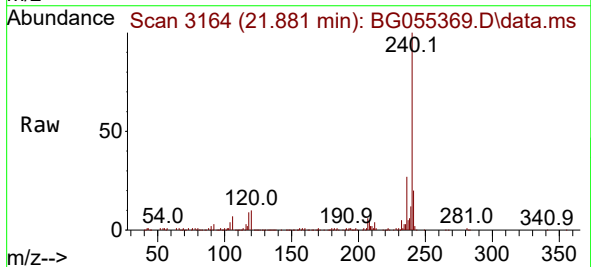
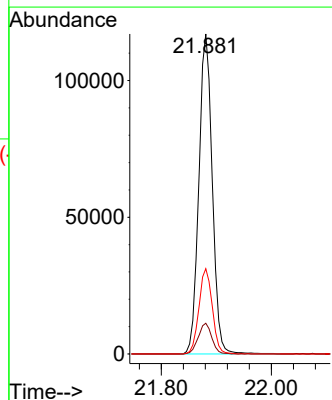
Tgt Ion:240 Resp: 198348

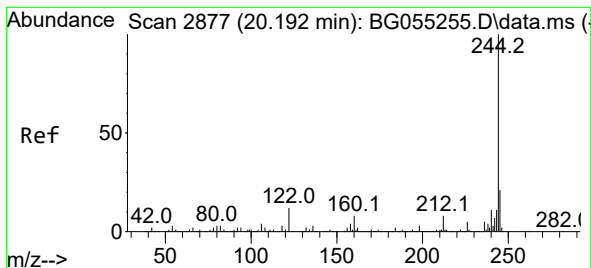
Ion Ratio Lower Upper

240 100

120 9.6 8.9 13.3

236 26.6 21.0 31.4





#79

Terphenyl-d14

Concen: 65.995 ng

RT: 20.177 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG055369.D

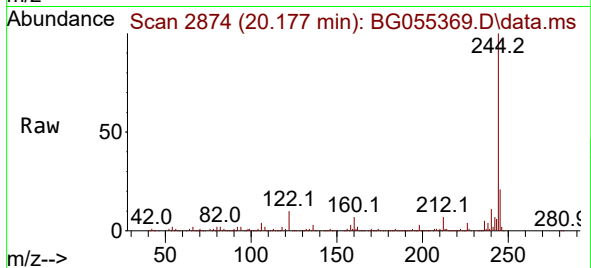
Acq: 29 Oct 2022 17:27

Instrument :

BNA_G

ClientSampleId :

20221106-COMP-05



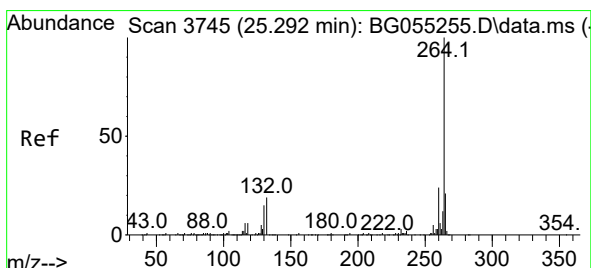
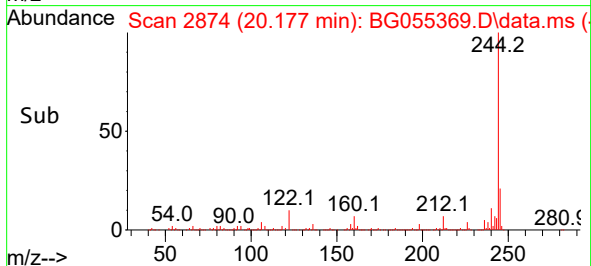
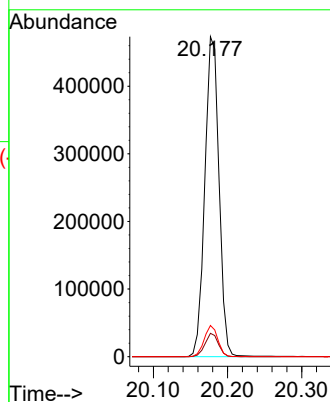
Tgt Ion:244 Resp: 630024

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.7 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.271 min Scan# 3741

Delta R.T. -0.015 min

Lab File: BG055369.D

Acq: 29 Oct 2022 17:27

Tgt Ion:264 Resp: 214911

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.5 17.4 26.2

