

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
 Data File : BG055650.D
 Acq On : 16 Nov 2022 16:54
 Operator : CG/JU
 Sample : PB149019BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149019BL

Quant Time: Nov 17 02:11:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

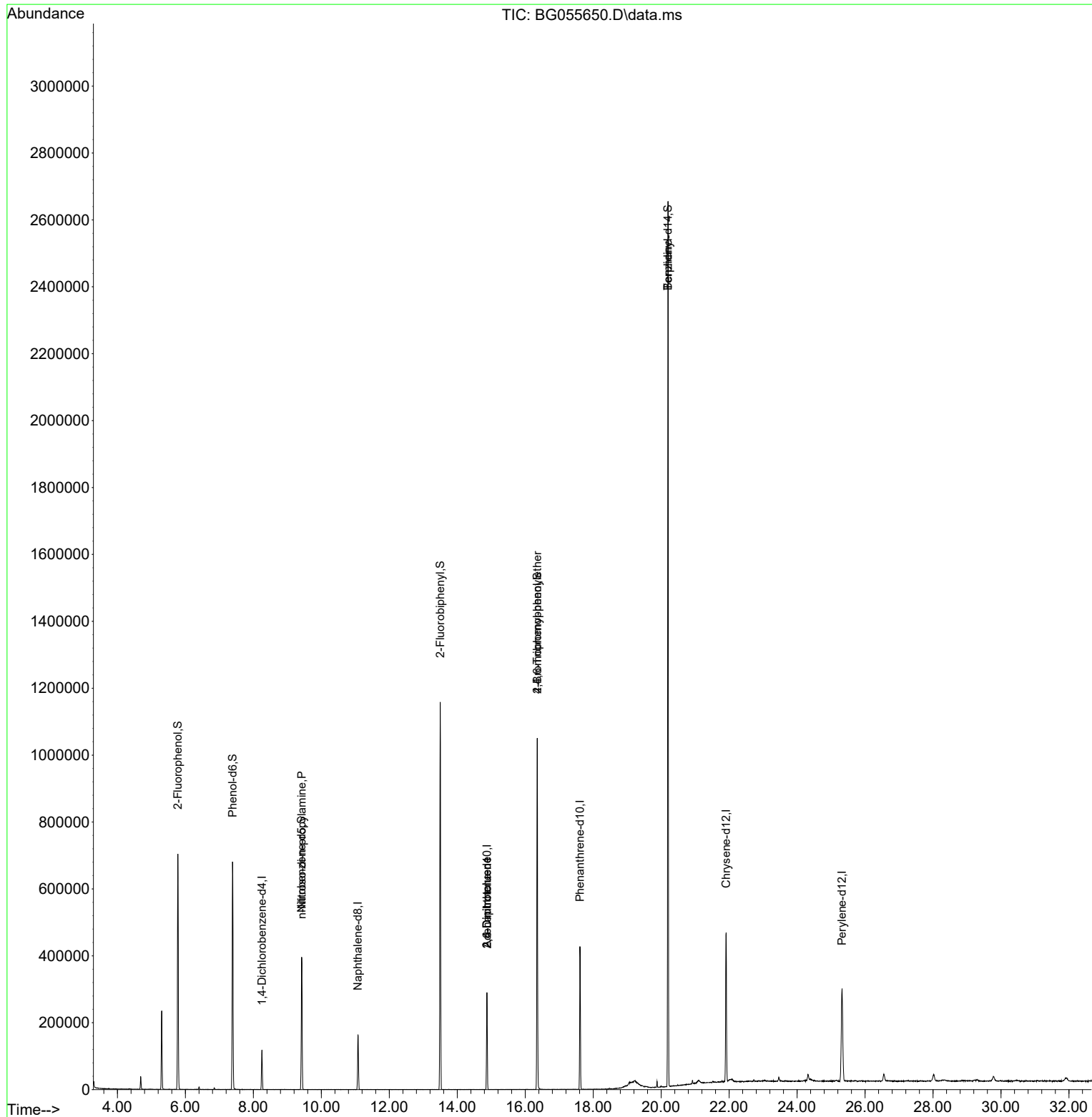
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	34001	20.000	ng	0.00
21) Naphthalene-d8	11.078	136	145593	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	107120	20.000	ng	0.00
64) Phenanthrene-d10	17.612	188	278558	20.000	ng	0.00
76) Chrysene-d12	21.913	240	300026	20.000	ng	0.00
86) Perylene-d12	25.320	264	311377	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	302359	160.736	ng	0.00
7) Phenol-d6	7.389	99	383626	153.204	ng	0.00
23) Nitrobenzene-d5	9.421	82	238863	86.715	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	215686	142.991	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	612738	85.694	ng	0.00
79) Terphenyl-d14	20.203	244	1345572	89.703	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.427	70	32478	16.881	ng	# 72
51) 2,6-Dinitrotoluene	14.874	165	13607	7.793	ng	# 24
57) 2,4-Dinitrotoluene	14.874	165	13607	5.528	ng	# 22
67) 4-Bromophenyl-phenylether	16.355	248	14490	4.565	ng	# 1
77) Benzidine	20.203	184	20353	2.932	ng	# 91

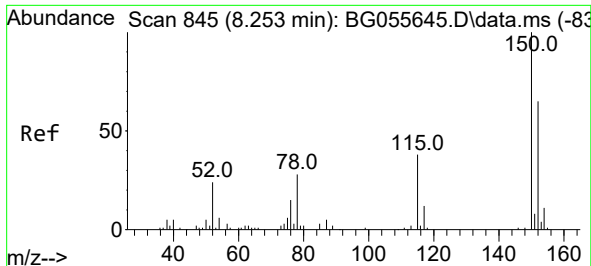
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111622\
Data File : BG055650.D
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Sample : PB149019BL
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149019BL

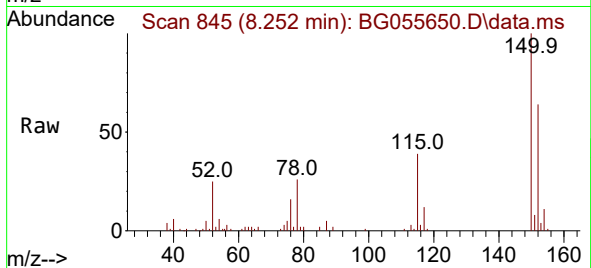
Quant Time: Nov 17 02:11:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration



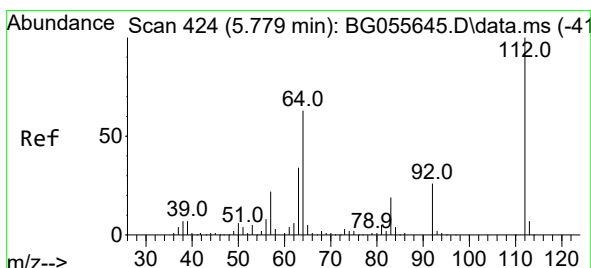
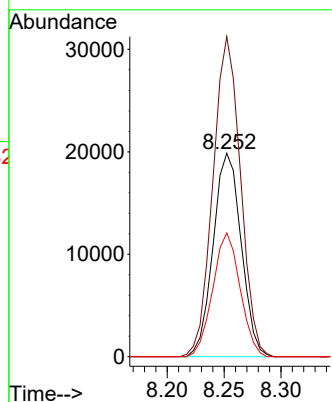
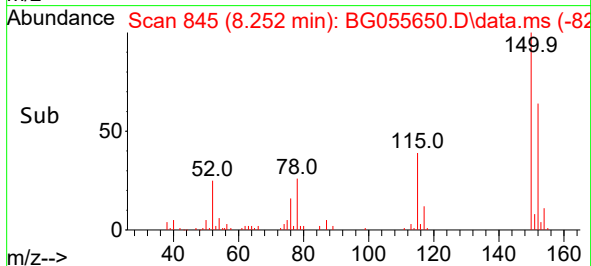


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.001 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

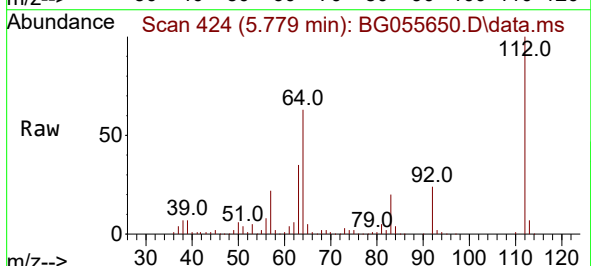
Instrument :
BNA_G
ClientSampleId :
PB149019BL



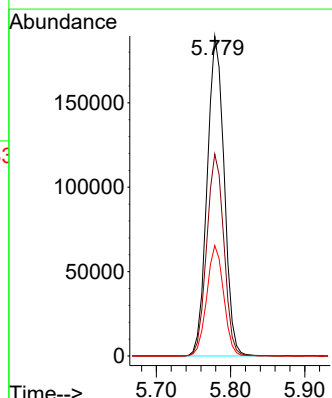
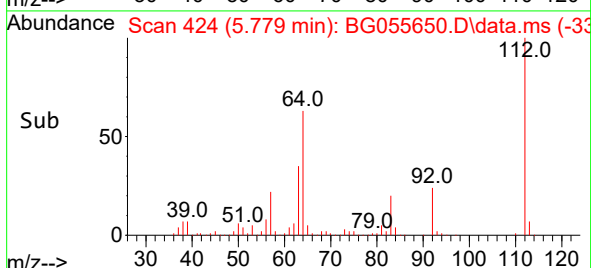
Tgt Ion:152 Resp: 34001
Ion Ratio Lower Upper
152 100
150 157.4 123.0 184.6
115 60.9 47.0 70.4

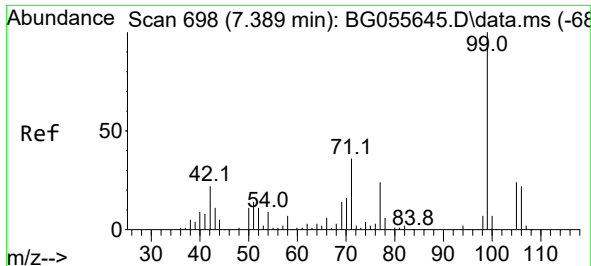


#5
2-Fluorophenol
Concen: 160.736 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54



Tgt Ion:112 Resp: 302359
Ion Ratio Lower Upper
112 100
64 63.1 50.6 76.0
63 34.5 27.5 41.3

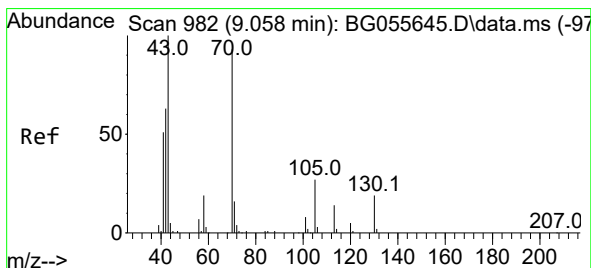
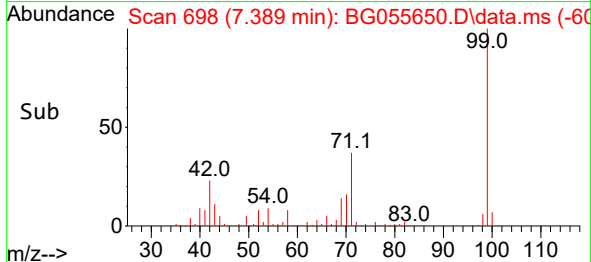
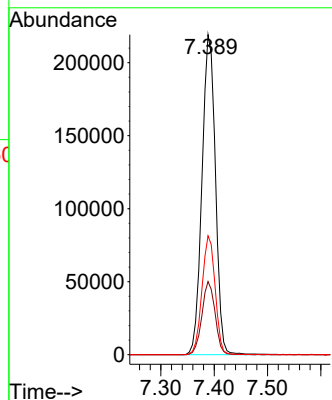
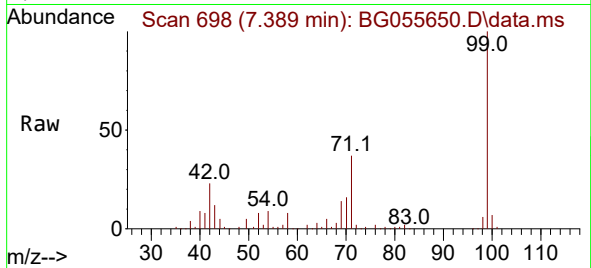




#7
Phenol-d6
Concen: 153.204 ng
RT: 7.389 min Scan# 698
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

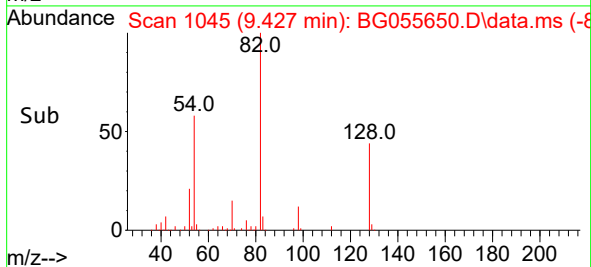
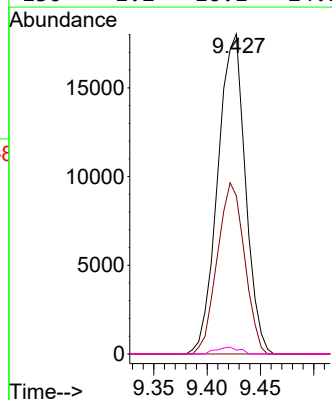
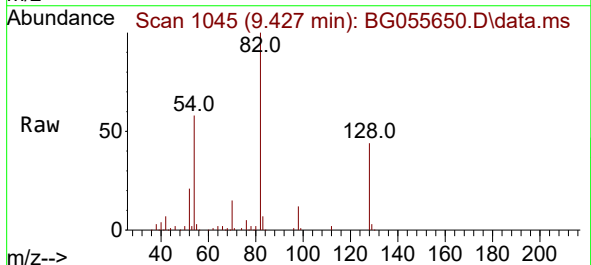
Instrument :
BNA_G
ClientSampleId :
PB149019BL

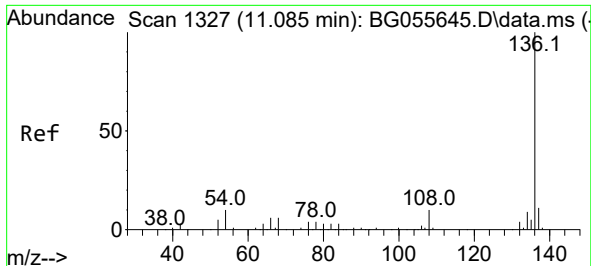
Tgt Ion: 99 Resp: 383626
Ion Ratio Lower Upper
99 100
42 22.9 18.0 27.0
71 37.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.881 ng
RT: 9.427 min Scan# 1045
Delta R.T. 0.370 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

Tgt Ion: 70 Resp: 32478
Ion Ratio Lower Upper
70 100
42 49.4 55.2 82.8#
101 0.0 7.1 10.7#
130 1.2 16.1 24.1#

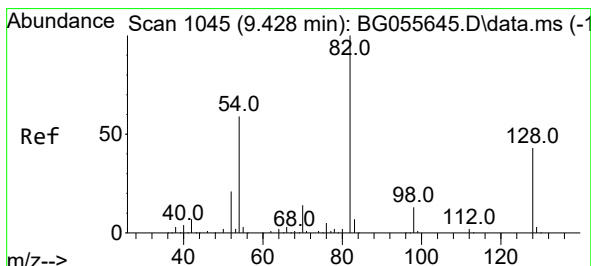
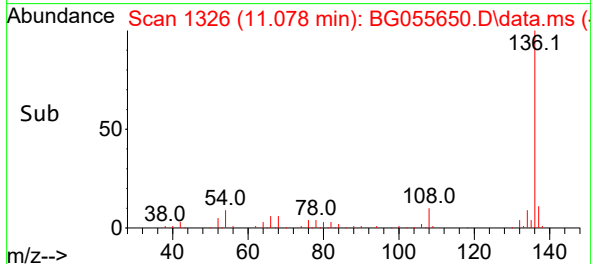
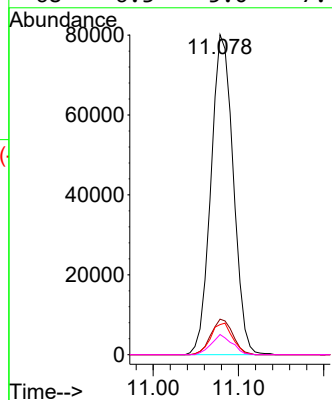
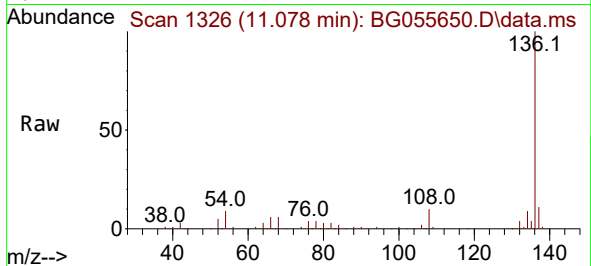




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.078 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

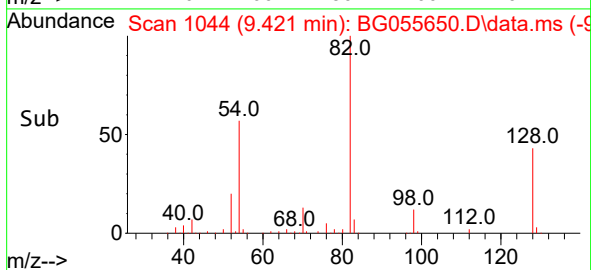
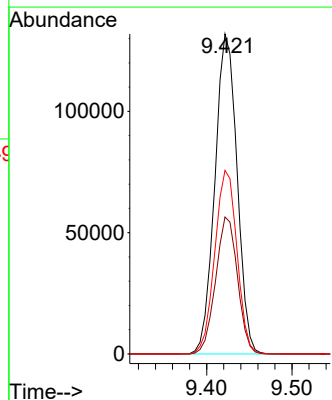
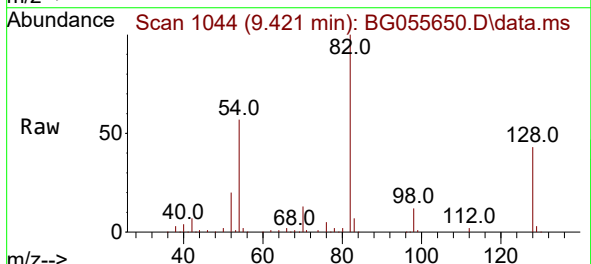
Instrument :
BNA_G
ClientSampleId :
PB149019BL

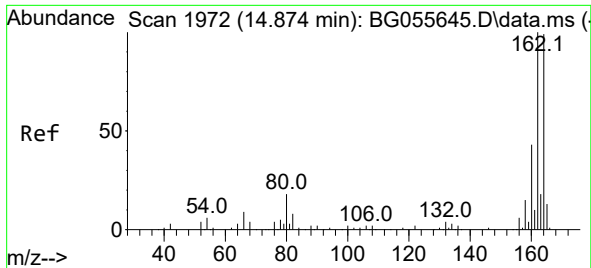
Tgt Ion:	136	Resp:	145593
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.0	13.6
54	9.4	7.8	11.6
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 86.715 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

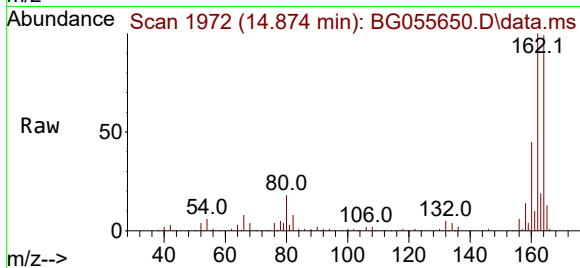
Tgt Ion:	82	Resp:	238863
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.1	51.1
54	57.4	47.3	70.9



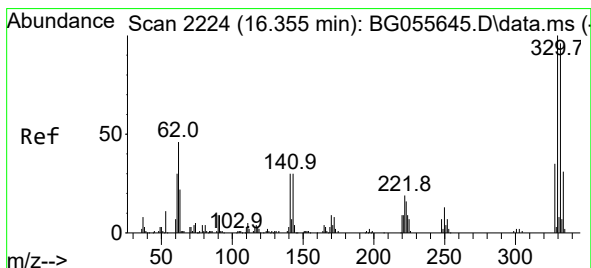
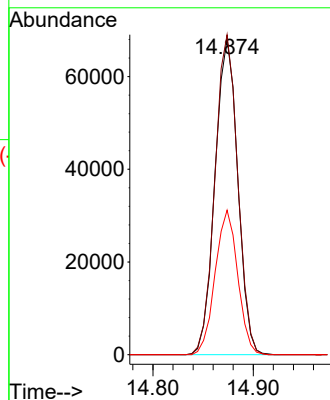
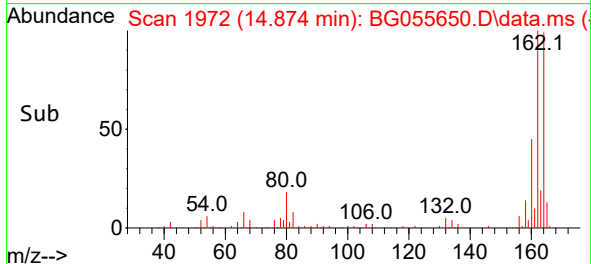


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

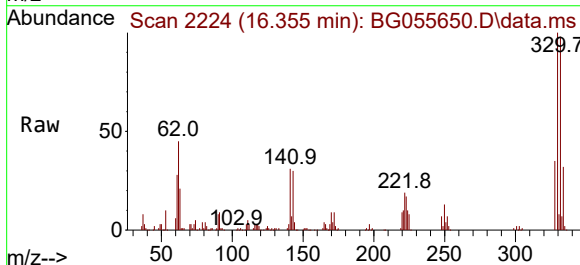
Instrument :
BNA_G
ClientSampleId :
PB149019BL



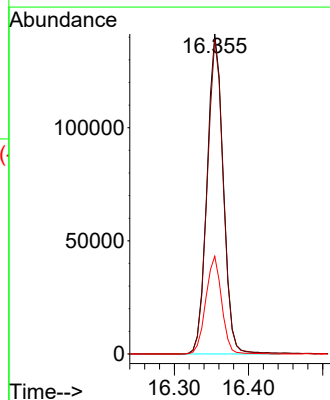
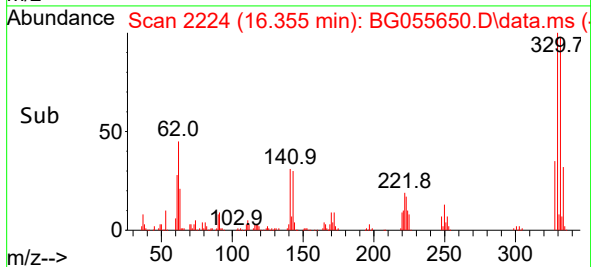
Tgt Ion:164 Resp: 107120
Ion Ratio Lower Upper
164 100
162 101.3 81.1 121.7
160 45.8 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 142.991 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54



Tgt Ion:330 Resp: 215686
Ion Ratio Lower Upper
330 100
332 97.5 77.8 116.8
141 29.8 23.9 35.9

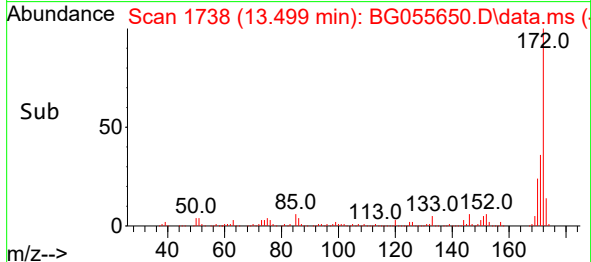
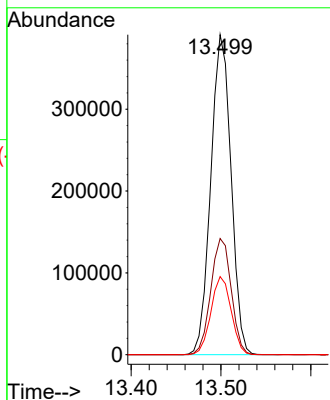
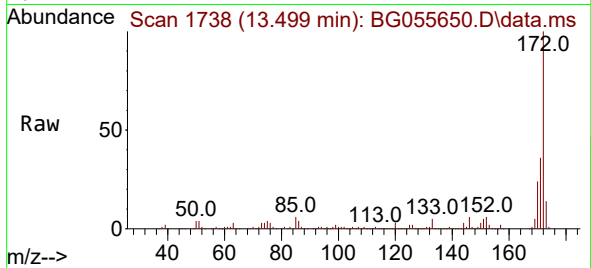




#45
2-Fluorobiphenyl
Concen: 85.694 ng
RT: 13.499 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

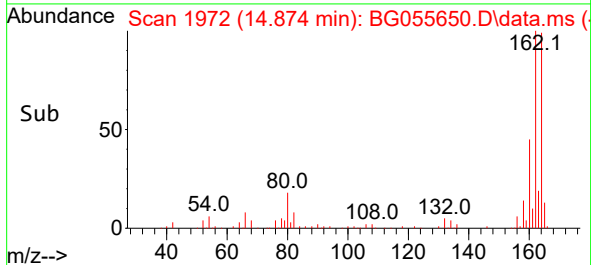
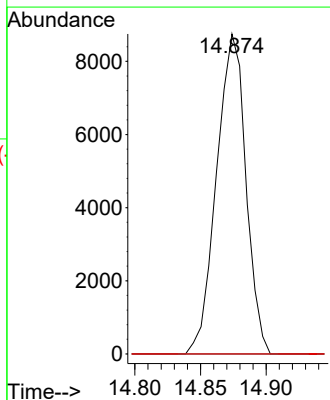
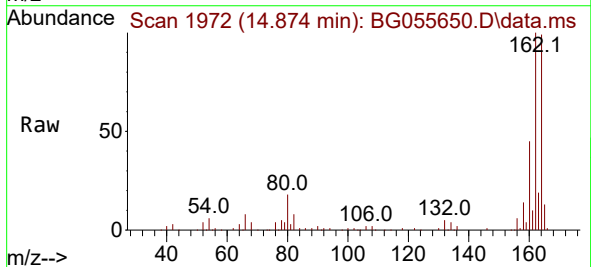
Instrument :
BNA_G
ClientSampleId :
PB149019BL

Tgt Ion:172 Resp: 612738
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.6
170 24.4 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.793 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

Tgt Ion:165 Resp: 13607
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.528 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.347 min

Lab File: BG055650.D

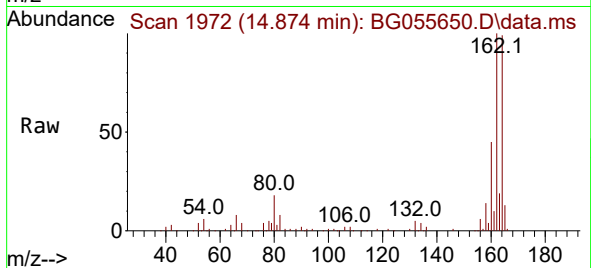
Acq: 16 Nov 2022 16:54

Instrument :

BNA_G

ClientSampleId :

PB149019BL



Tgt Ion:165 Resp: 13607

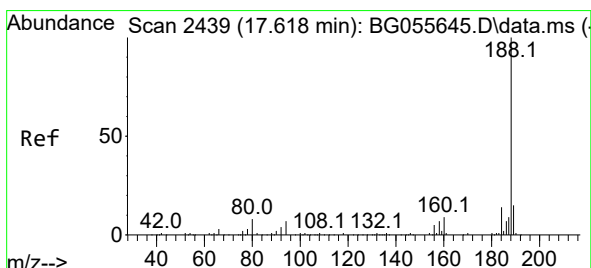
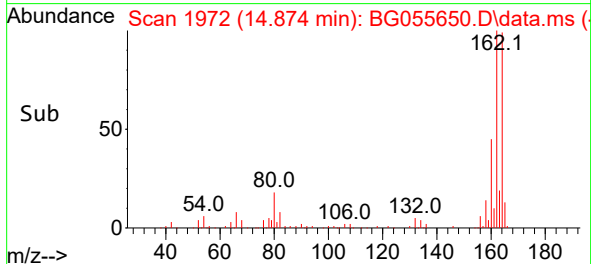
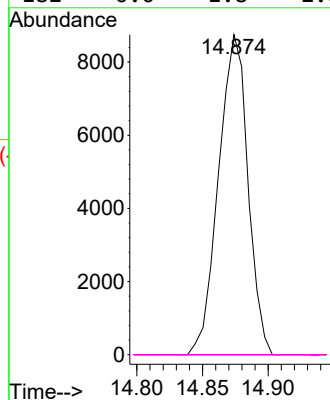
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.612 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG055650.D

Acq: 16 Nov 2022 16:54

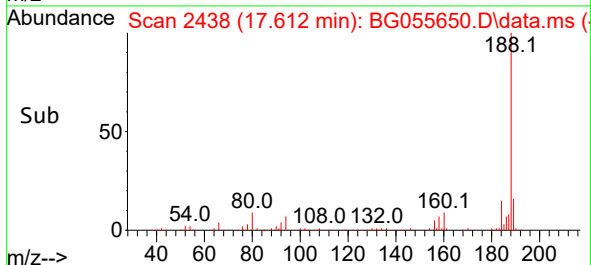
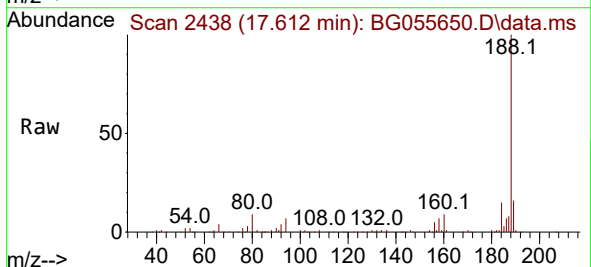
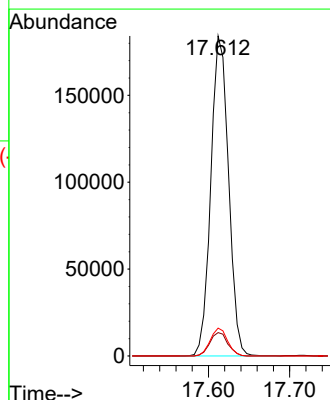
Tgt Ion:188 Resp: 278558

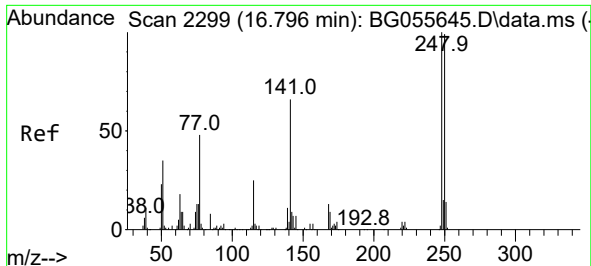
Ion Ratio Lower Upper

188 100

94 7.3 5.4 8.2

80 8.7 6.6 10.0

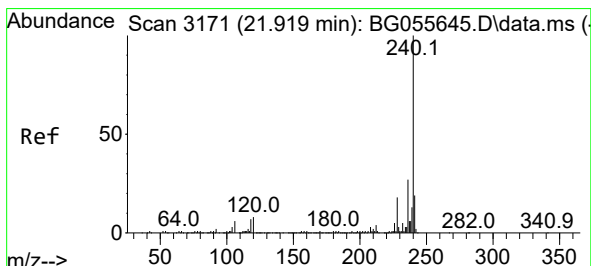
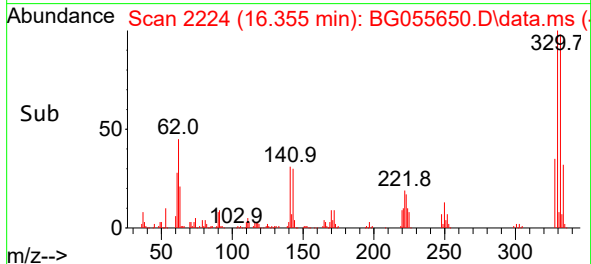
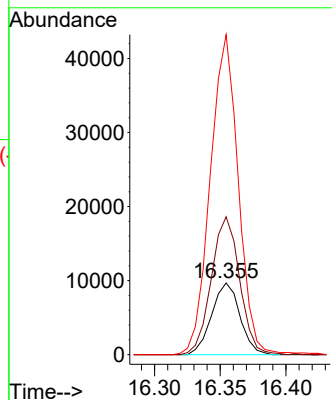
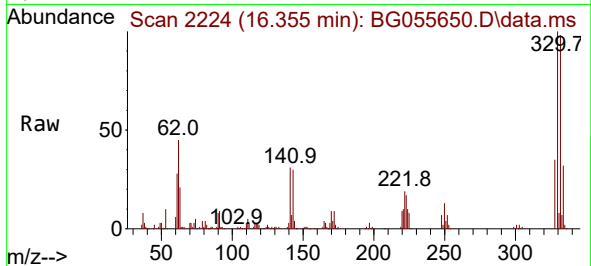




#67
4-Bromophenyl-phenylether
Concen: 4.565 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

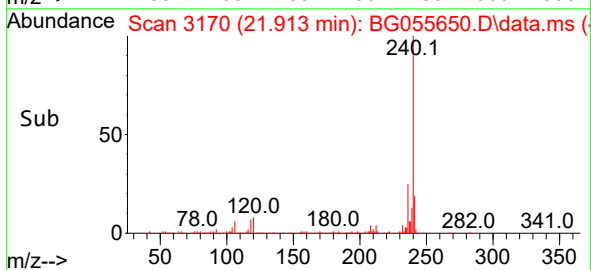
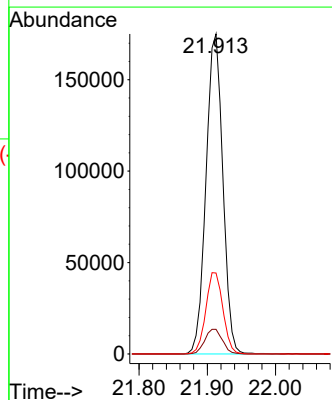
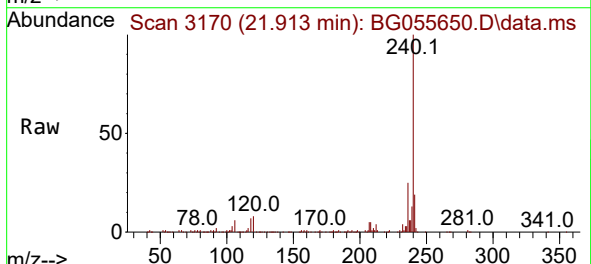
Instrument :
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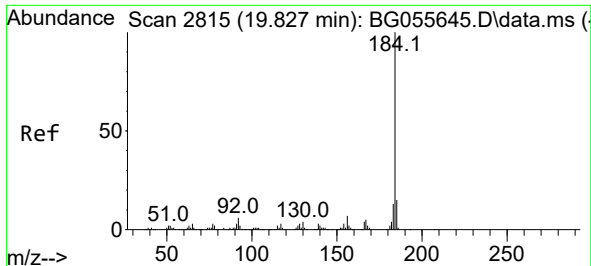
Tgt Ion:248 Resp: 14490
Ion Ratio Lower Upper
248 100
250 192.5 79.0 118.4#
141 446.7 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

Tgt Ion:240 Resp: 300026
Ion Ratio Lower Upper
240 100
120 7.7 6.3 9.5
236 25.3 21.9 32.9

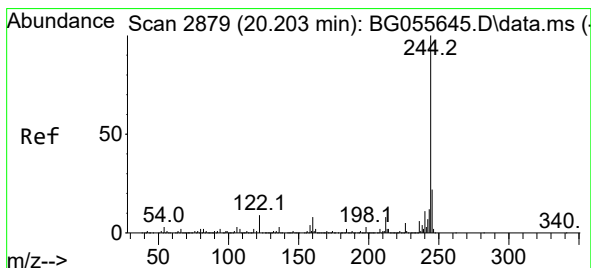
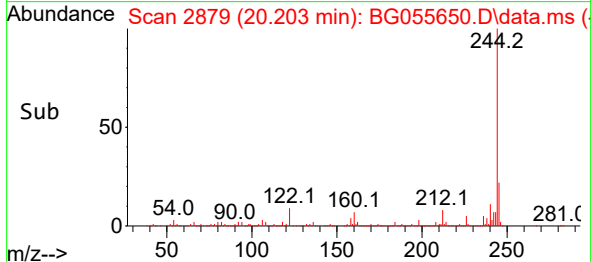
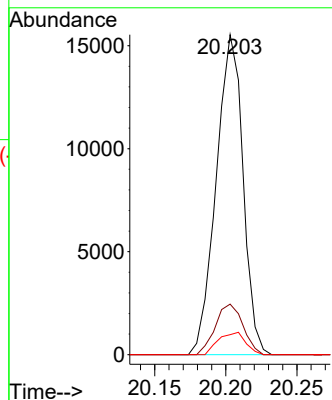
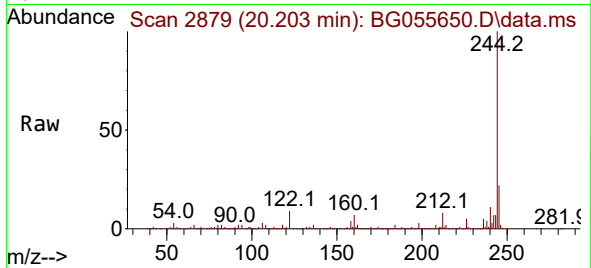




#77
Benzidine
Concen: 2.932 ng
RT: 20.203 min Scan# 2815
Delta R.T. 0.376 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

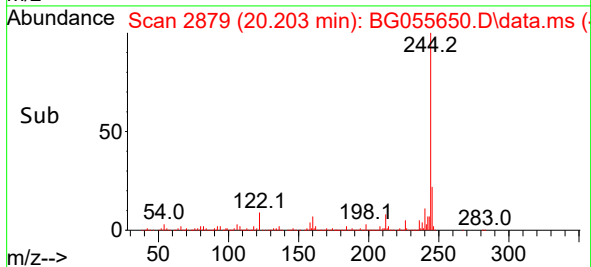
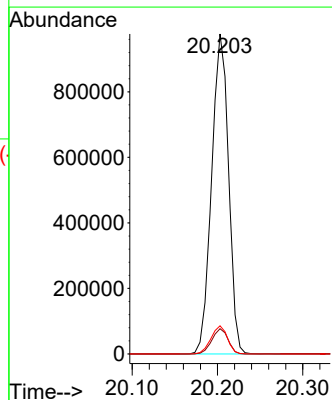
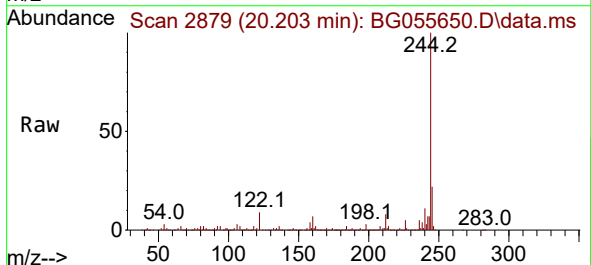
Instrument :
BNA_G
ClientSampleId :
PB149019BL

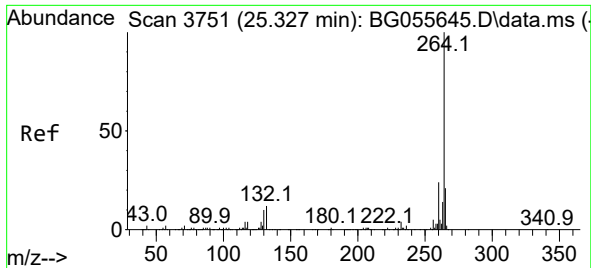
Tgt Ion:184 Resp: 20353
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 6.3 10.6 15.8#



#79
Terphenyl-d14
Concen: 89.703 ng
RT: 20.203 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BG055650.D
Acq: 16 Nov 2022 16:54

Tgt Ion:244 Resp: 1345572
Ion Ratio Lower Upper
244 100
212 7.9 6.3 9.5
122 8.8 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.320 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055650.D
 Acq: 16 Nov 2022 16:54

Instrument :
 BNA_G
 ClientSampleId :
 PB149019BL

Tgt Ion:264 Resp: 311377
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 22.0 17.1 25.7

