

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041123\
 Data File : BG057056.D
 Acq On : 11 Apr 2023 16:56
 Operator : CG/JU
 Sample : 02271-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-2-040723

Quant Time: Apr 12 04:41:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 08 04:45:47 2023
 Response via : Initial Calibration

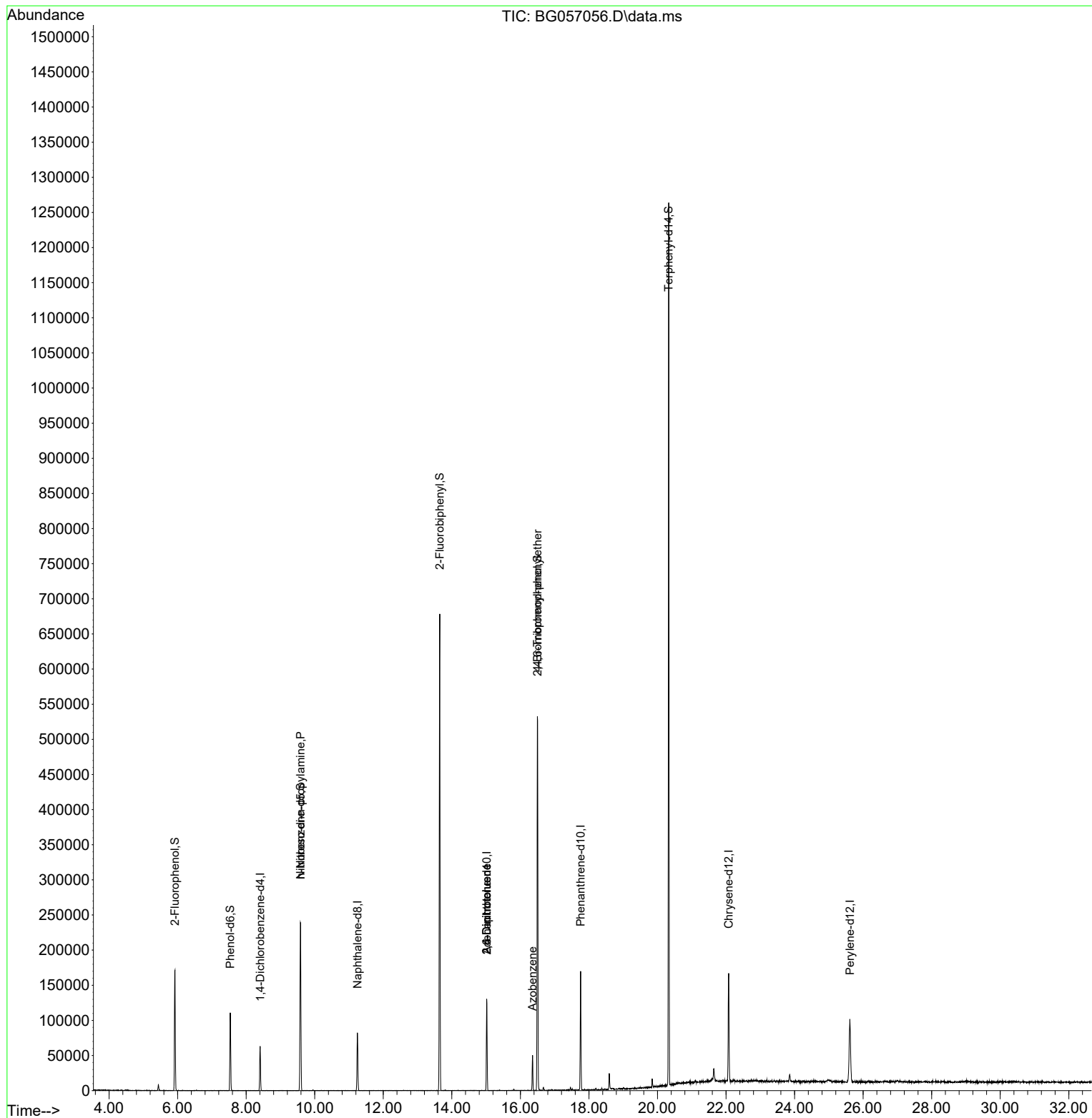
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.407	152	17125	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	67905	20.000	ng	0.00
39) Acenaphthene-d10	15.016	164	45666	20.000	ng	0.00
64) Phenanthrene-d10	17.759	188	105987	20.000	ng	0.00
76) Chrysene-d12	22.077	240	99736	20.000	ng	0.00
86) Perylene-d12	25.613	264	106444	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.922	112	73904	69.068	ng	0.00
7) Phenol-d6	7.538	99	63335	39.576	ng	0.00
23) Nitrobenzene-d5	9.588	82	158044	95.233	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	114242	156.597	ng	0.00
45) 2-Fluorobiphenyl	13.647	172	344331	102.246	ng	0.00
79) Terphenyl-d14	20.326	244	611534	103.755	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.588	70	21490	18.774	ng	# 78
51) 2,6-Dinitrotoluene	15.016	165	6102	7.849	ng	# 20
57) 2,4-Dinitrotoluene	15.016	165	6102	5.565	ng	# 21
63) Azobenzene	16.355	77	15215	4.232	ng	# 1
67) 4-Bromophenyl-phenylether	16.496	248	7047	5.374	ng	# 1

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

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Quant Time: Apr 12 04:41:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 08 04:45:47 2023
Response via : Initial Calibration

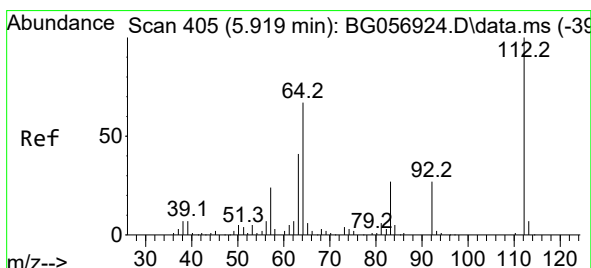
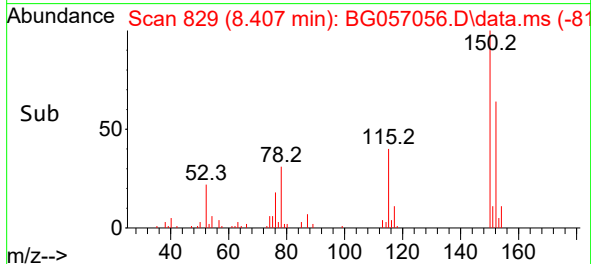
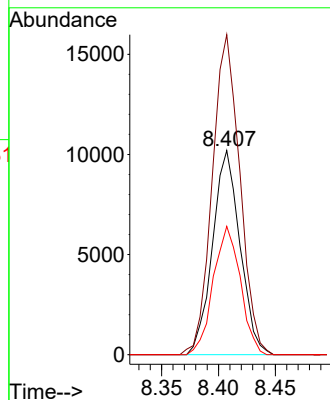
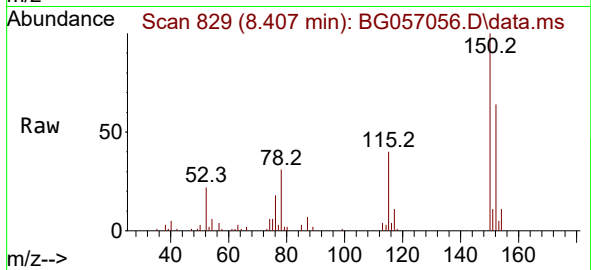




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.407 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG057056.D
 Acq: 11 Apr 2023 16:56

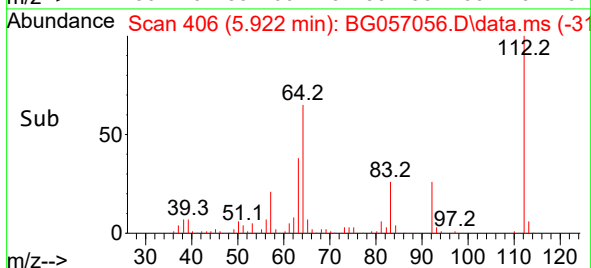
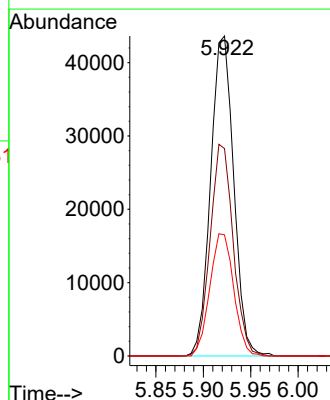
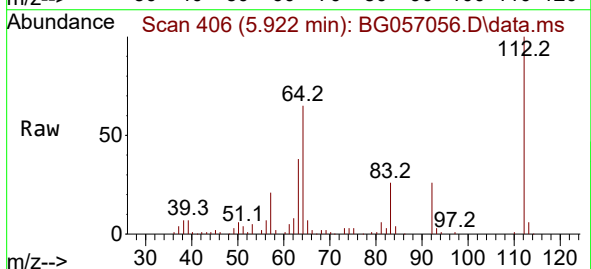
Instrument :
 BNA_G
 ClientSampleId :
 MW-2-040723

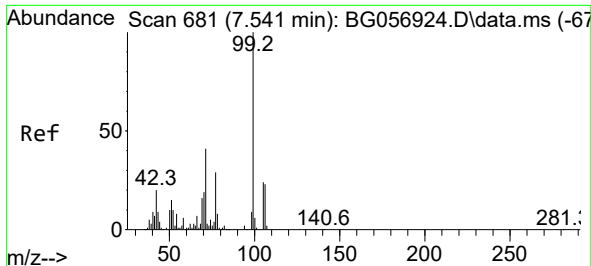
Tgt Ion:152 Resp: 17125
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.1 186.1
 115 62.9 49.1 73.7



#5
 2-Fluorophenol
 Concen: 69.068 ng
 RT: 5.922 min Scan# 406
 Delta R.T. 0.005 min
 Lab File: BG057056.D
 Acq: 11 Apr 2023 16:56

Tgt Ion:112 Resp: 73904
 Ion Ratio Lower Upper
 112 100
 64 64.8 53.2 79.8
 63 37.8 32.6 48.8

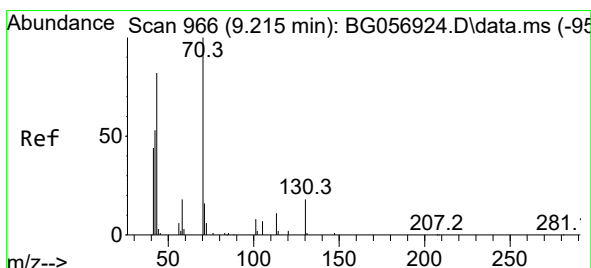
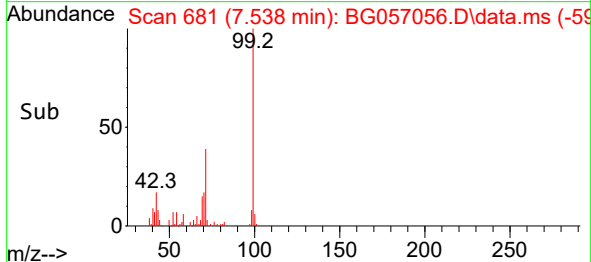
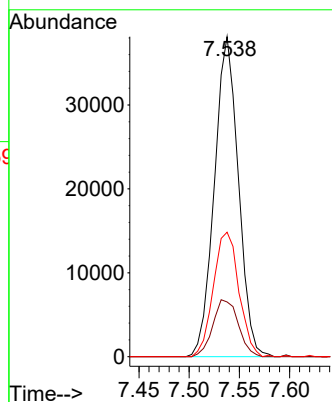
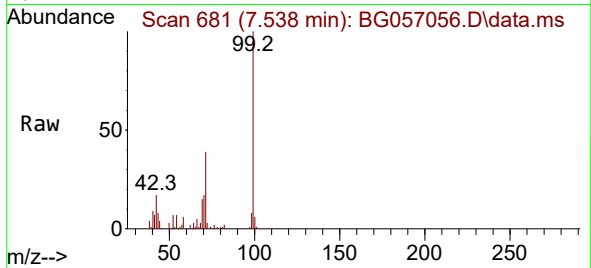




#7
Phenol-d6
Concen: 39.576 ng
RT: 7.538 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

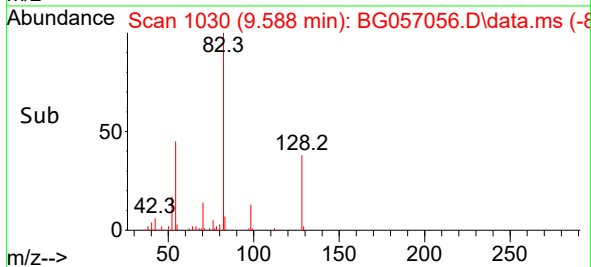
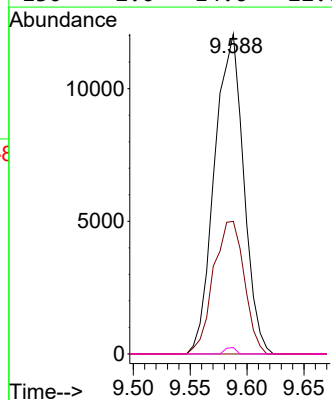
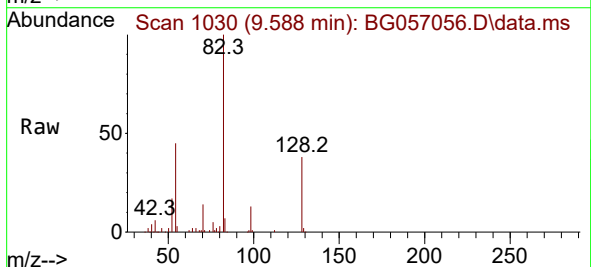
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

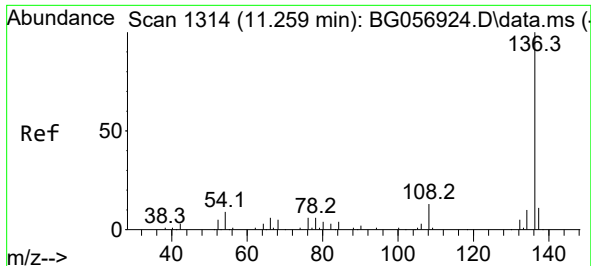
Tgt Ion: 99 Resp: 63335
Ion Ratio Lower Upper
99 100
42 17.1 15.7 23.5
71 38.9 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.774 ng
RT: 9.588 min Scan# 1030
Delta R.T. 0.375 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion: 70 Resp: 21490
Ion Ratio Lower Upper
70 100
42 41.5 43.4 65.0#
101 0.0 6.2 9.2#
130 2.0 14.6 22.0#

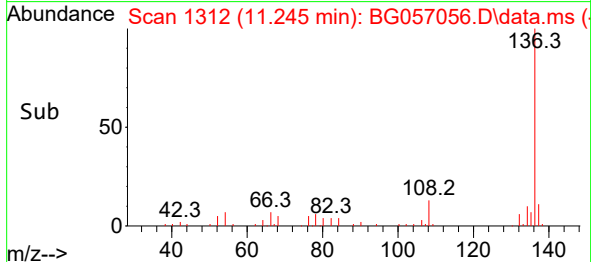
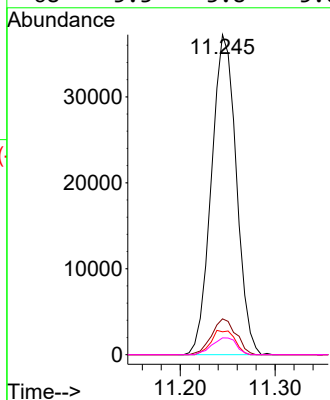
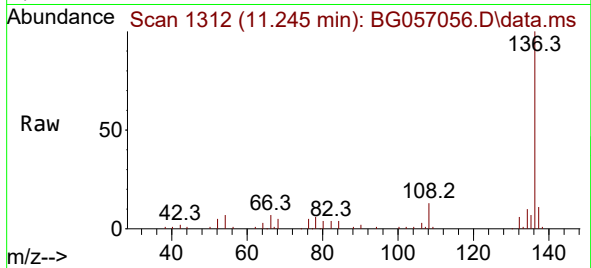




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

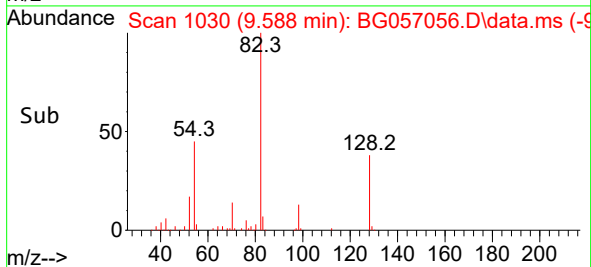
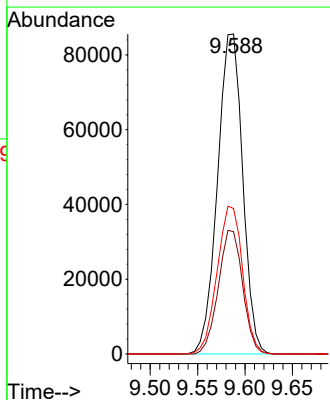
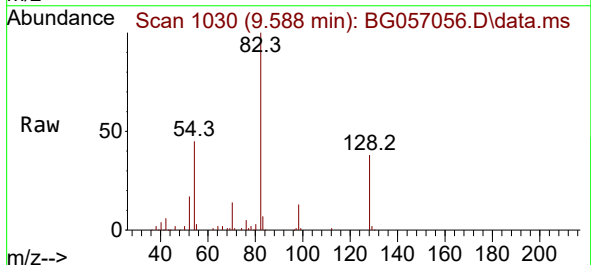
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

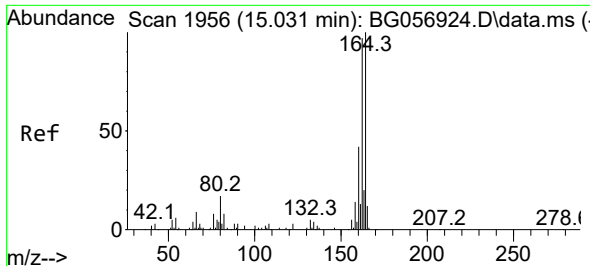
Tgt Ion:136	Resp:	67905
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.6 13.0
54	7.1	6.9 10.3
68	5.3	3.8 5.6



#23
Nitrobenzene-d5
Concen: 95.233 ng
RT: 9.588 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion: 82	Resp:	158044
Ion Ratio	Lower	Upper
82	100	
128	38.2	27.9 41.9
54	45.5	39.4 59.2

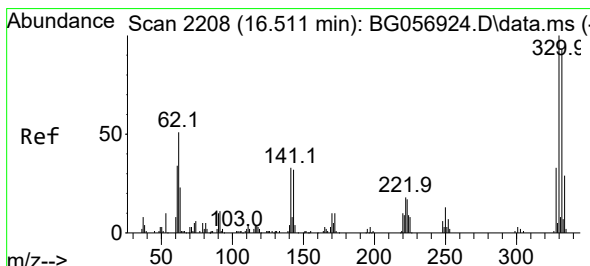
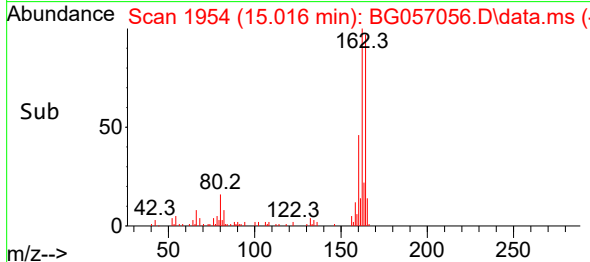
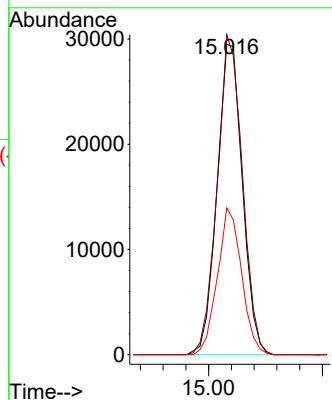
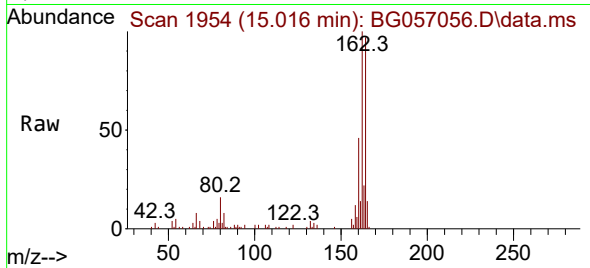




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

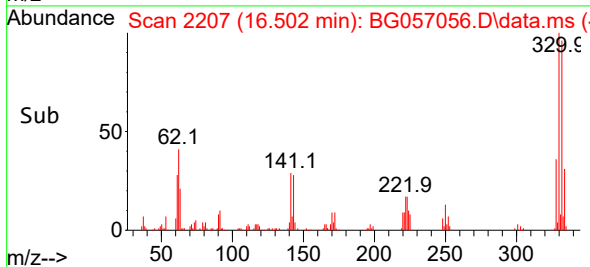
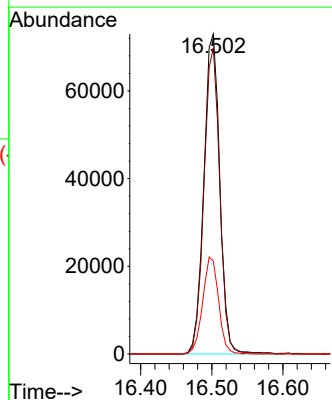
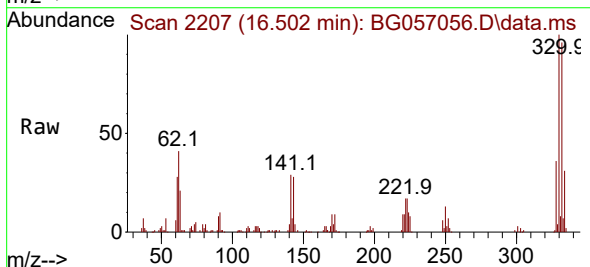
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

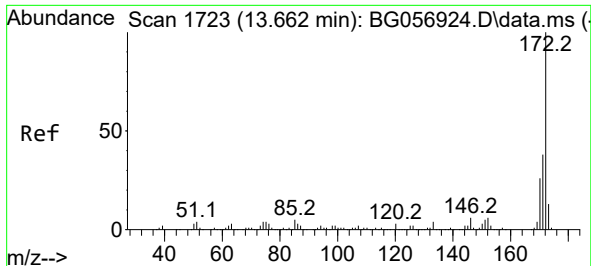
Tgt Ion:164 Resp: 45666
Ion Ratio Lower Upper
164 100
162 103.1 77.8 116.8
160 47.3 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 156.597 ng
RT: 16.502 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:330 Resp: 114242
Ion Ratio Lower Upper
330 100
332 94.5 76.1 114.1
141 30.1 25.8 38.6

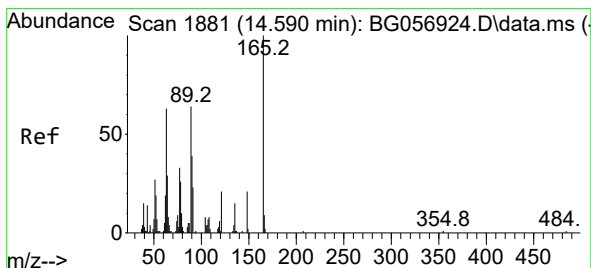
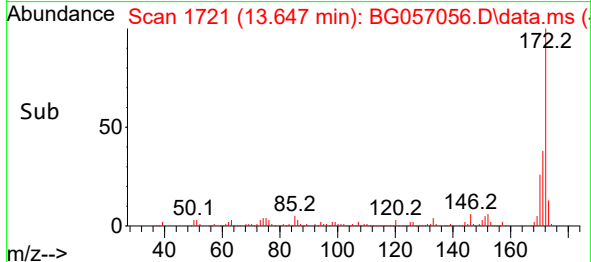
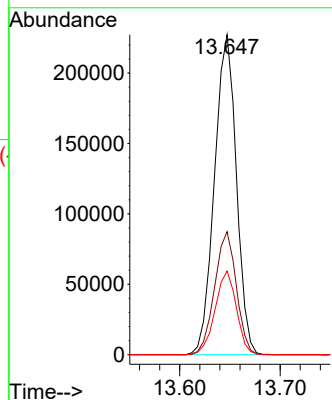
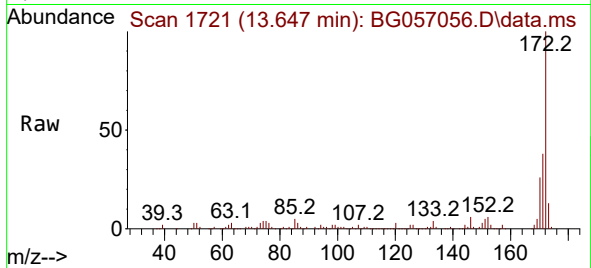




#45
2-Fluorobiphenyl
Concen: 102.246 ng
RT: 13.647 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

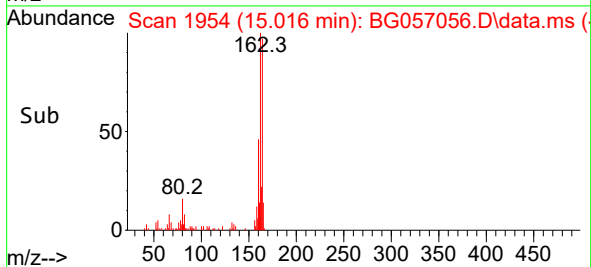
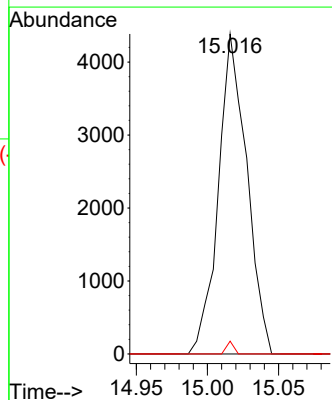
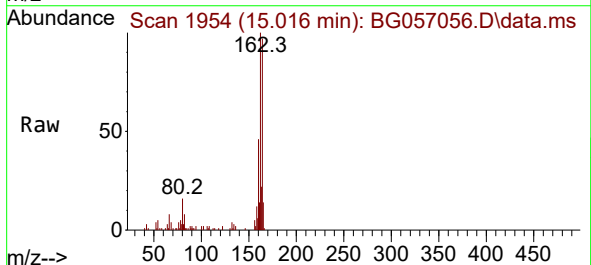
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

Tgt Ion:172 Resp: 344331
Ion Ratio Lower Upper
172 100
171 38.5 30.6 46.0
170 26.2 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.849 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.428 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:165 Resp: 6102
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 4.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.565 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.353 min

Lab File: BG057056.D

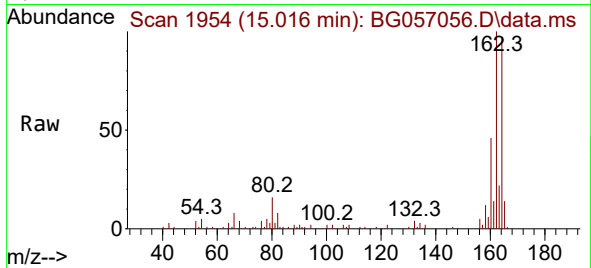
Acq: 11 Apr 2023 16:56

Instrument :

BNA_G

ClientSampleId :

MW-2-040723



Tgt Ion:165 Resp: 6102

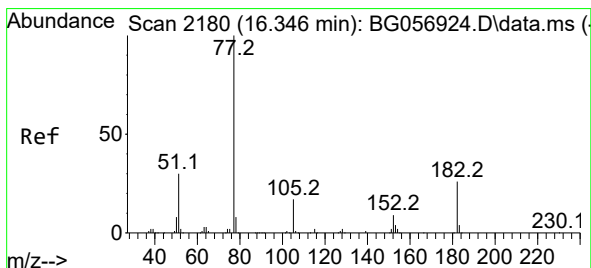
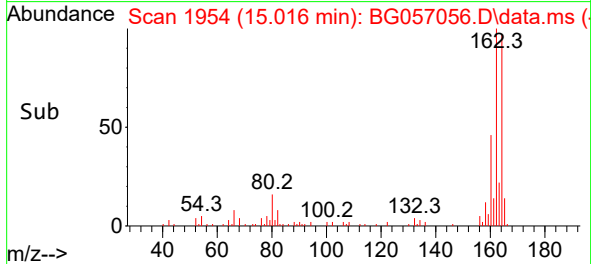
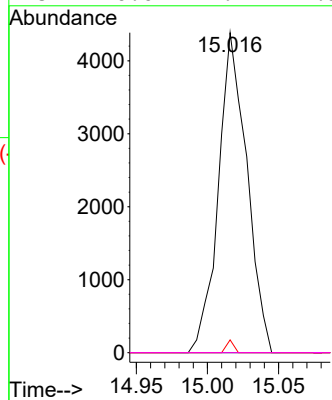
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 4.0 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 4.232 ng

RT: 16.355 min Scan# 2182

Delta R.T. 0.017 min

Lab File: BG057056.D

Acq: 11 Apr 2023 16:56

Tgt Ion: 77 Resp: 15215

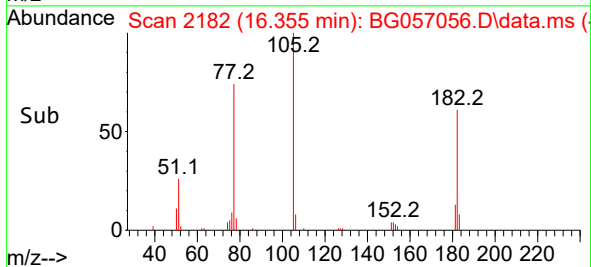
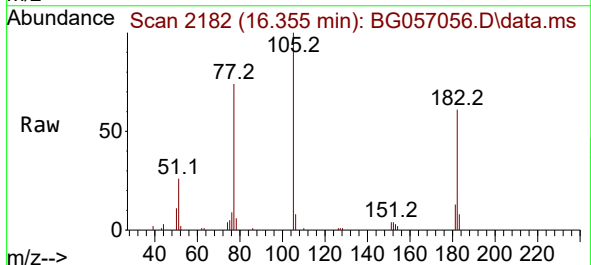
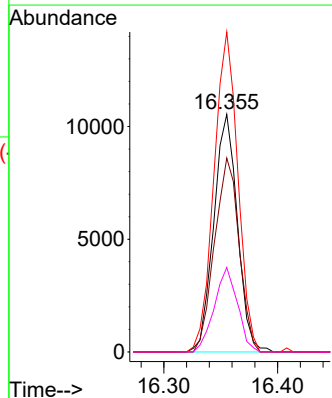
Ion Ratio Lower Upper

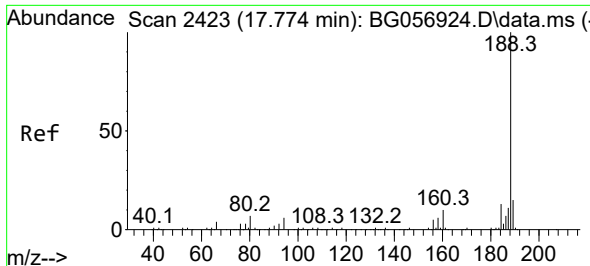
77 100

182 81.6 5.9 45.9#

105 134.6 0.0 36.8#

51 35.5 10.3 50.3

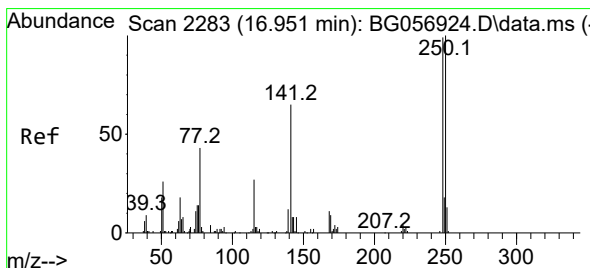
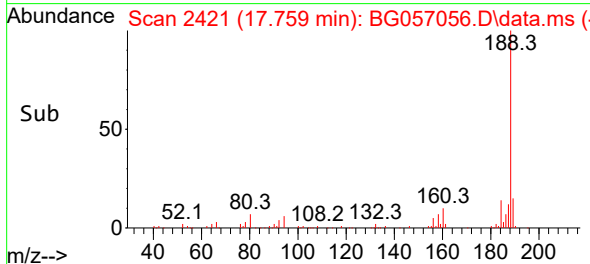
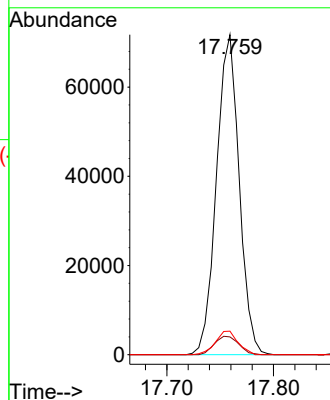
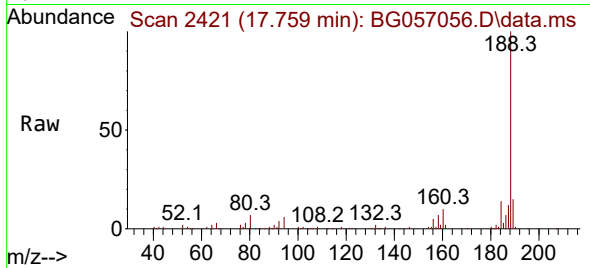




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.759 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

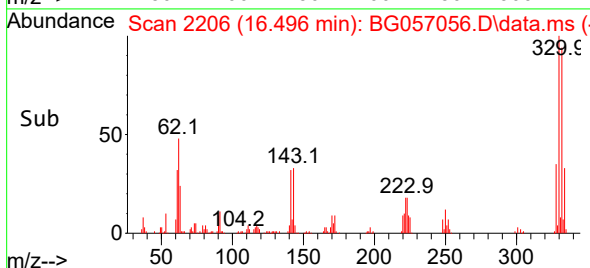
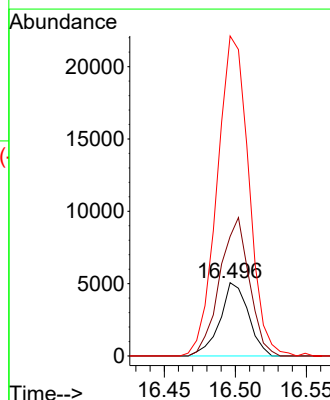
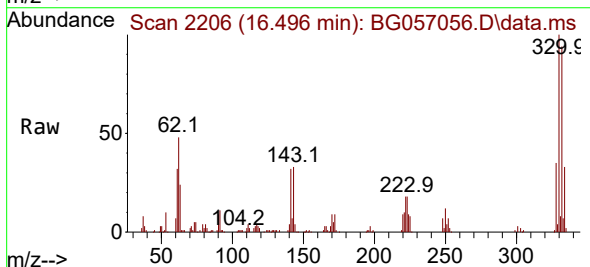
Instrument :
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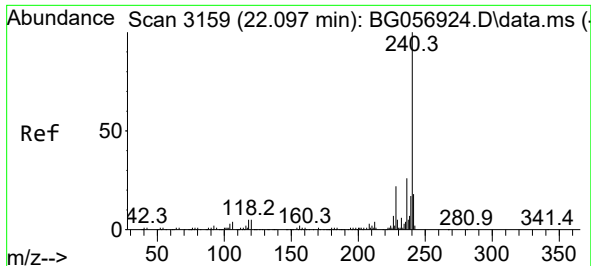
Tgt Ion:188 Resp: 105987
Ion Ratio Lower Upper
188 100
94 5.5 4.6 6.8
80 7.3 5.5 8.3



#67
4-Bromophenyl-phenylether
Concen: 5.374 ng
RT: 16.496 min Scan# 2206
Delta R.T. -0.441 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:248 Resp: 7047
Ion Ratio Lower Upper
248 100
250 162.9 80.5 120.7#
141 436.2 52.0 78.0#

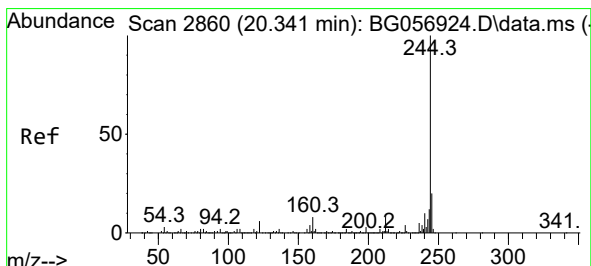
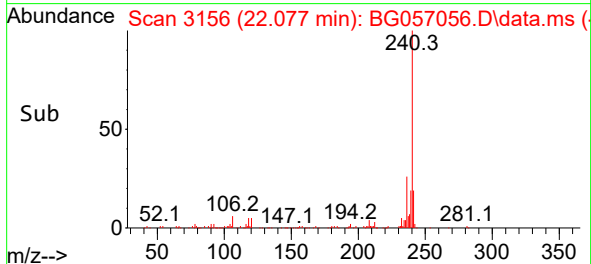
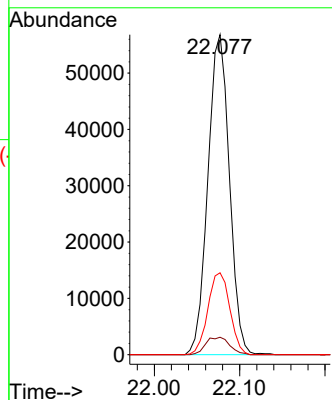
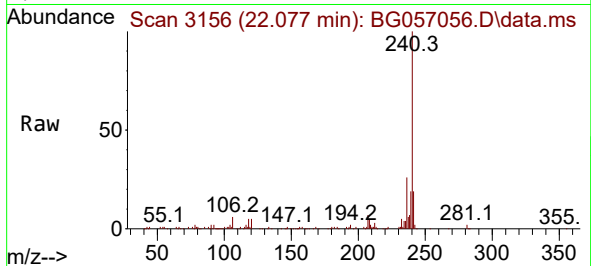




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3159
Delta R.T. -0.006 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

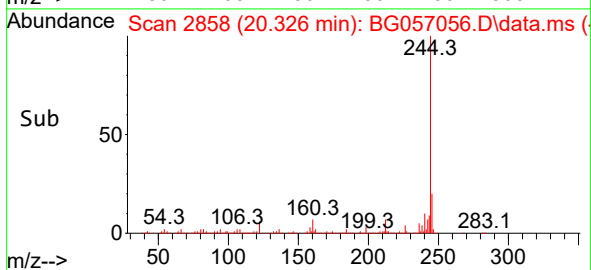
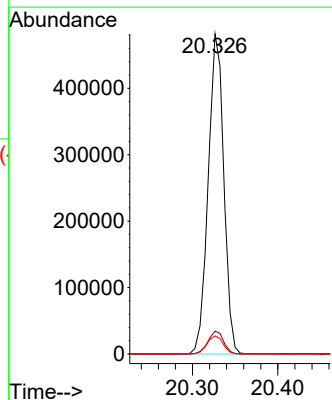
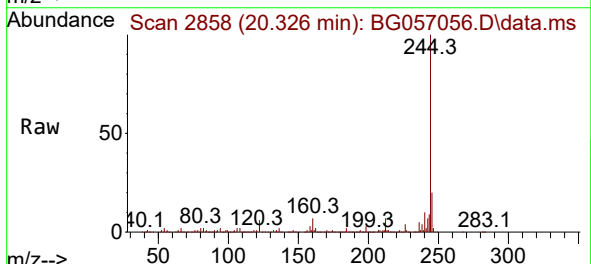
Instrument :
BNA_G
ClientSampleId :
MW-2-040723

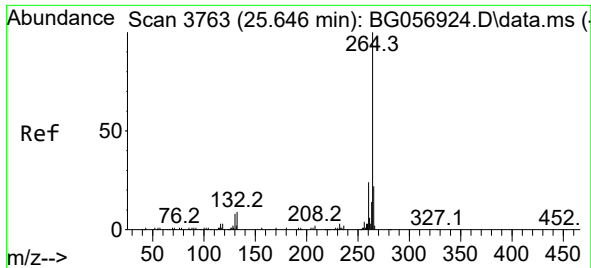
Tgt Ion:240 Resp: 99736
Ion Ratio Lower Upper
240 100
120 5.4 3.8 5.6
236 25.6 21.0 31.6



#79
Terphenyl-d14
Concen: 103.755 ng
RT: 20.326 min Scan# 2858
Delta R.T. -0.000 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Tgt Ion:244 Resp: 611534
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 5.6 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.613 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG057056.D
Acq: 11 Apr 2023 16:56

Instrument :
BNA_G
ClientSampleId :
MW-2-040723

Tgt Ion:264 Resp: 106444

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.0	28.4
265	22.2	17.8	26.6

