

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041423\
 Data File : BG057107.D
 Acq On : 14 Apr 2023 19:55
 Operator : CG/JU
 Sample : 02341-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PH1-BOT-2

Quant Time: Apr 15 02:49:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

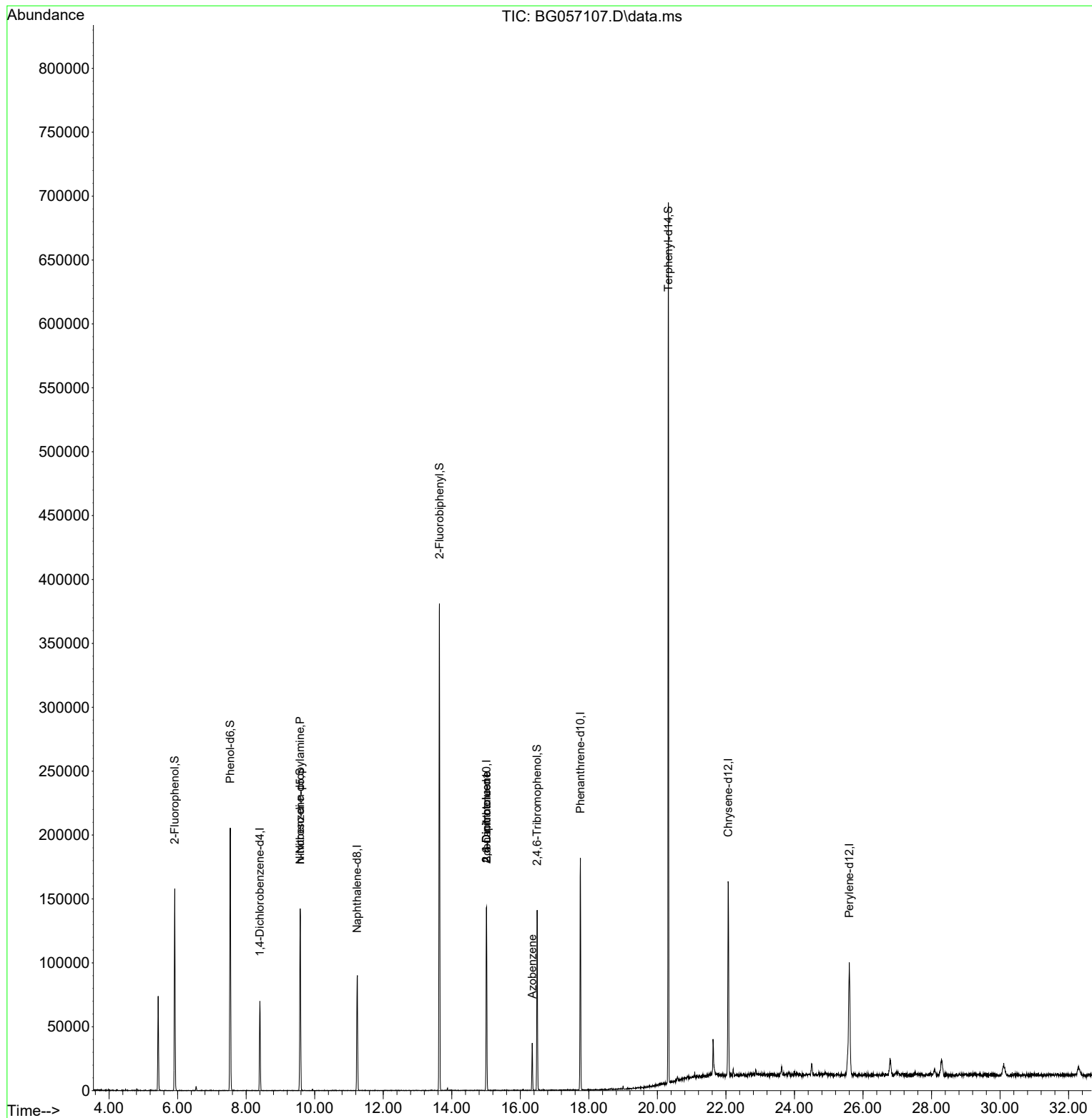
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.401	152	19071	20.000	ng	0.00
21) Naphthalene-d8	11.238	136	77636	20.000	ng	-0.01
39) Acenaphthene-d10	15.010	164	50545	20.000	ng	-0.01
64) Phenanthrene-d10	17.753	188	113714	20.000	ng	#-0.01
76) Chrysene-d12	22.065	240	98524	20.000	ng	#-0.02
86) Perylene-d12	25.601	264	102804	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.916	112	68370	57.376	ng	0.00
7) Phenol-d6	7.538	99	122297	68.622	ng	0.00
23) Nitrobenzene-d5	9.576	82	92171	48.578	ng	-0.01
42) 2,4,6-Tribromophenol	16.490	330	28029	34.712	ng	-0.01
45) 2-Fluorobiphenyl	13.641	172	196734	52.779	ng	0.00
79) Terphenyl-d14	20.320	244	326332	56.048	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.576	70	12371	9.705	ng	# 74
51) 2,6-Dinitrotoluene	15.016	165	6384	7.419	ng	# 18
57) 2,4-Dinitrotoluene	15.016	165	6384	5.260	ng	# 18
63) Azobenzene	16.349	77	10978	2.759	ng	# 1

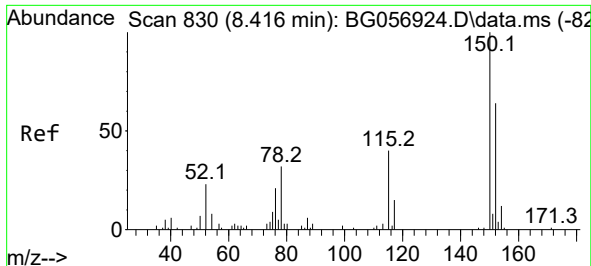
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG057107.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Apr 15 02:49:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 13 05:15:23 2023
Response via : Initial Calibration

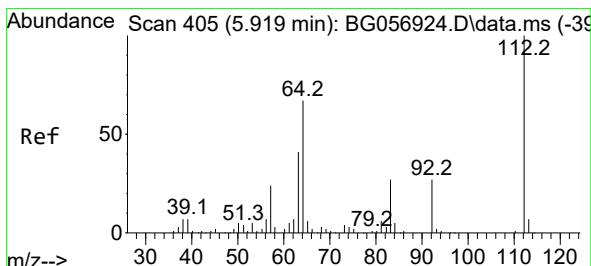
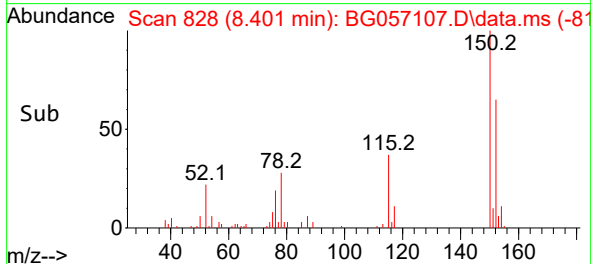
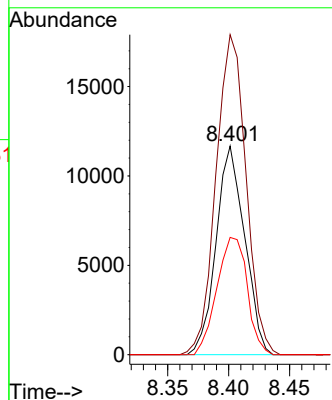
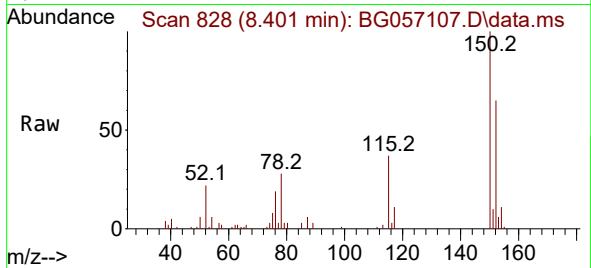




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.401 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

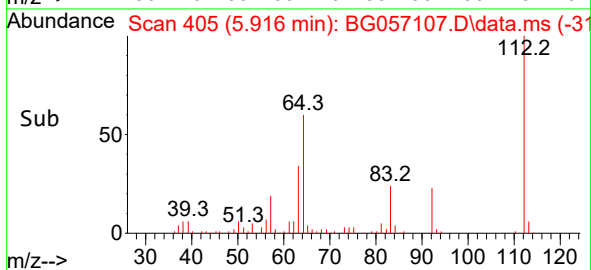
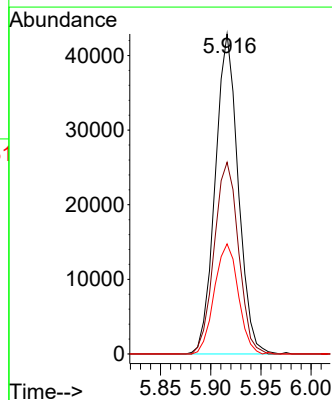
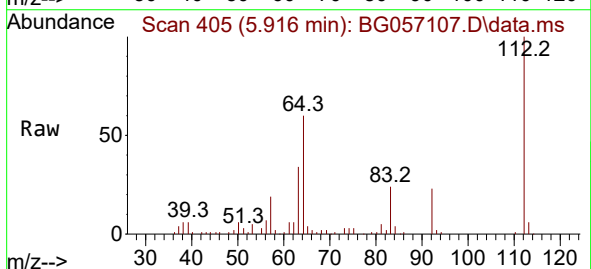
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

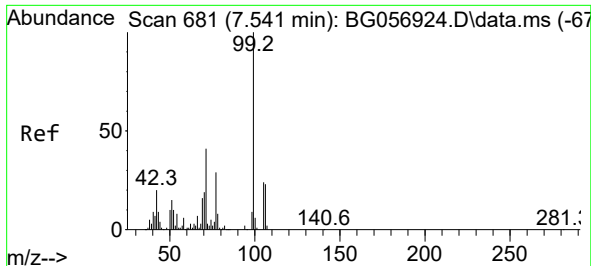
Tgt Ion:152 Resp: 19071
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 56.3 49.1 73.7



#5
2-Fluorophenol
Concen: 57.376 ng
RT: 5.916 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:112 Resp: 68370
Ion Ratio Lower Upper
112 100
64 59.9 53.2 79.8
63 34.4 32.6 48.8

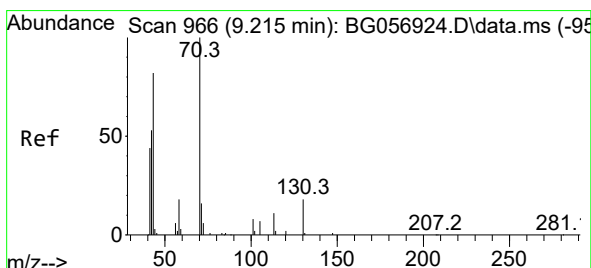
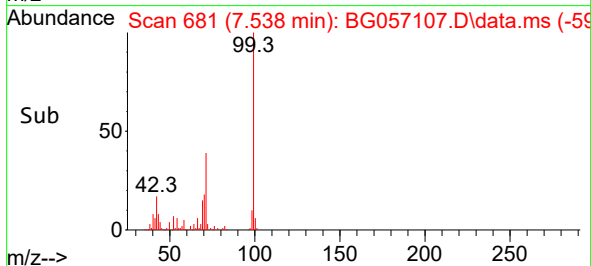
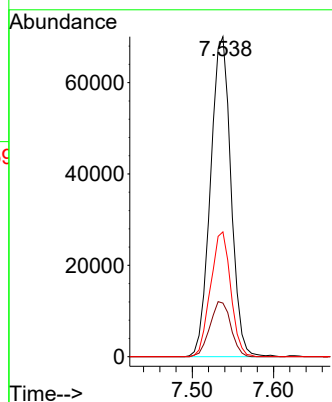
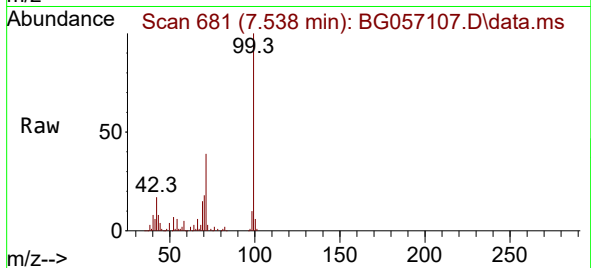




#7
Phenol-d6
Concen: 68.622 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

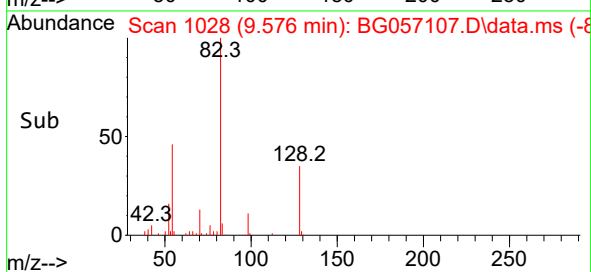
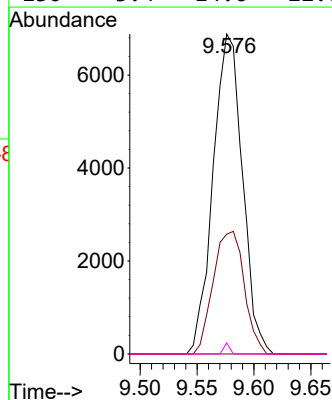
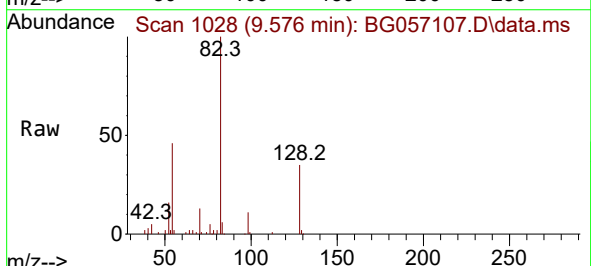
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

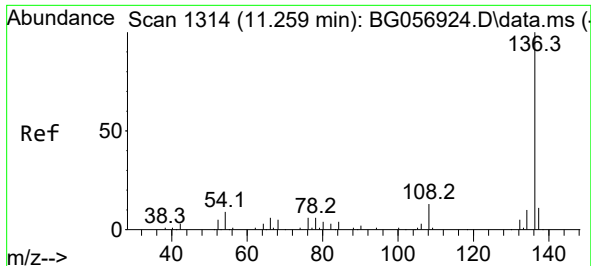
Tgt Ion: 99 Resp: 122297
Ion Ratio Lower Upper
99 100
42 16.8 15.7 23.5
71 39.0 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 9.705 ng
RT: 9.576 min Scan# 1028
Delta R.T. 0.366 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion: 70 Resp: 12371
Ion Ratio Lower Upper
70 100
42 37.4 43.4 65.0#
101 0.0 6.2 9.2#
130 3.4 14.6 22.0#

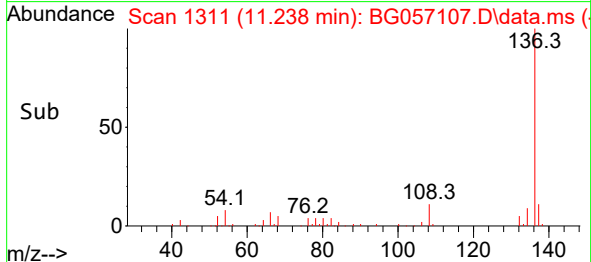
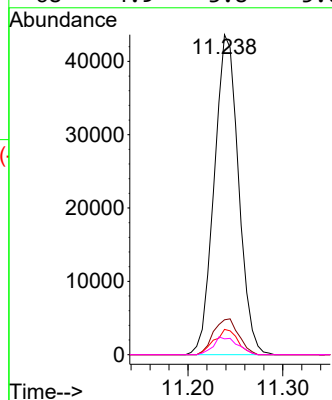
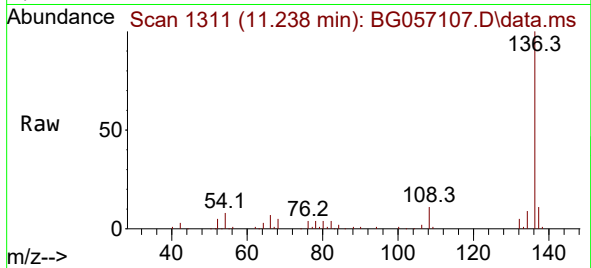




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.238 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

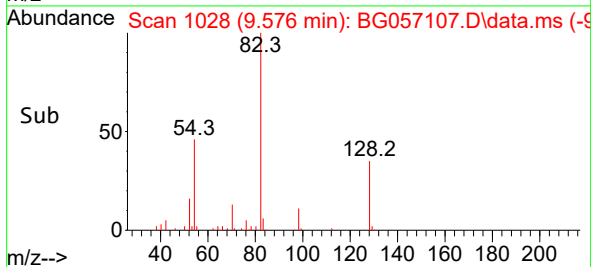
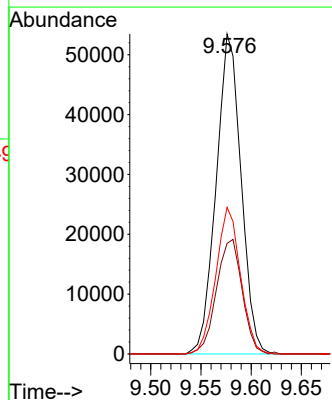
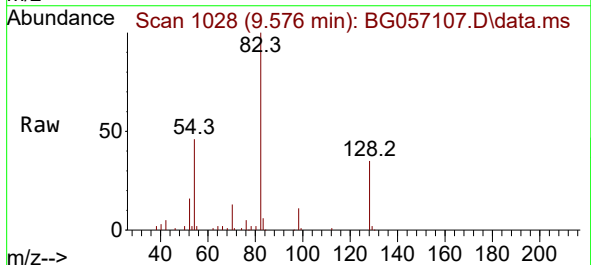
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

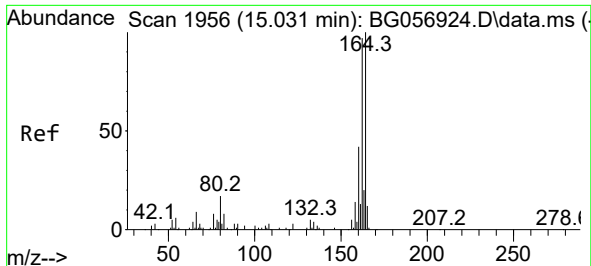
Tgt Ion:	136	Resp:	77636
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	7.9	6.9	10.3
68	4.9	3.8	5.6



#23
Nitrobenzene-d5
Concen: 48.578 ng
RT: 9.576 min Scan# 1028
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:	82	Resp:	92171
Ion Ratio	Lower	Upper	
82	100		
128	34.6	27.9	41.9
54	45.8	39.4	59.2

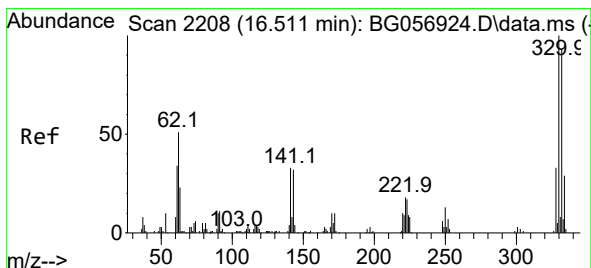
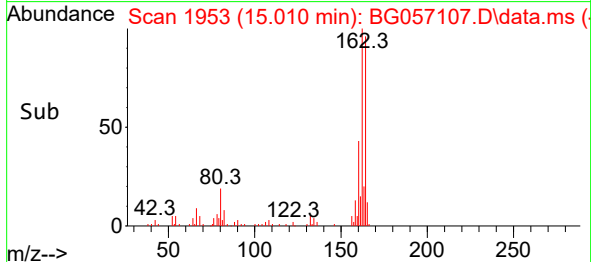
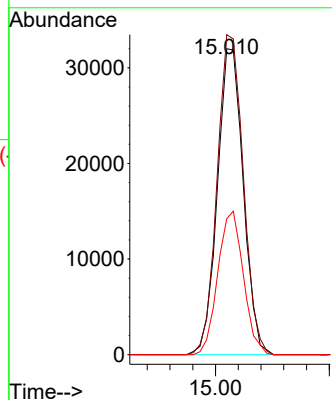
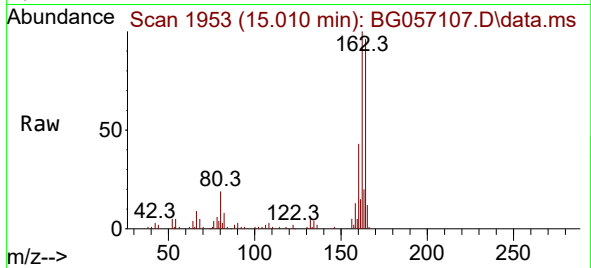




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.010 min Scan# 1953
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

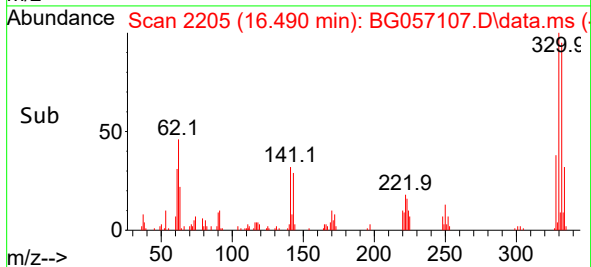
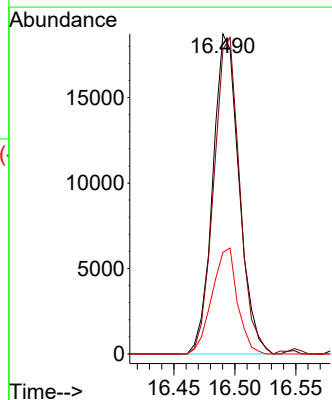
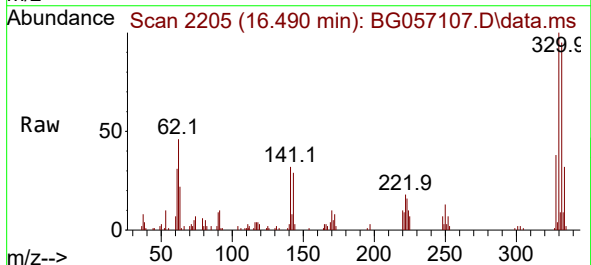
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

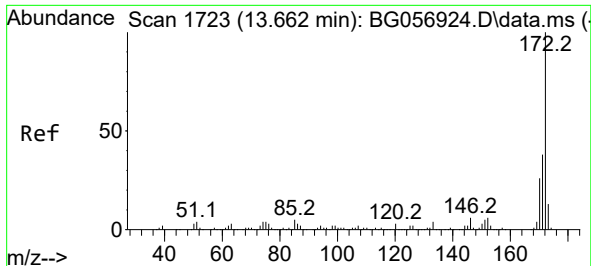
Tgt Ion:164 Resp: 50545
Ion Ratio Lower Upper
164 100
162 104.6 77.8 116.8
160 44.5 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 34.712 ng
RT: 16.490 min Scan# 2205
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:330 Resp: 28029
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 31.9 25.8 38.6

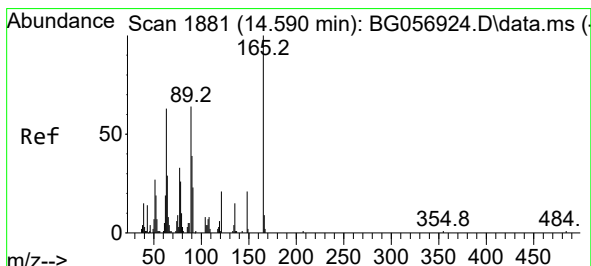
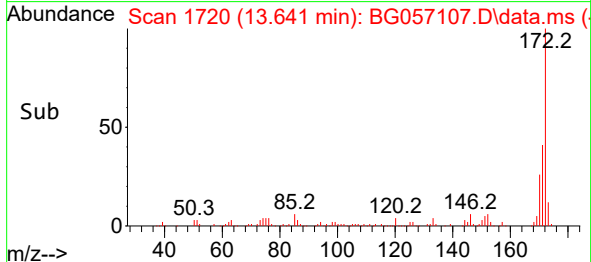
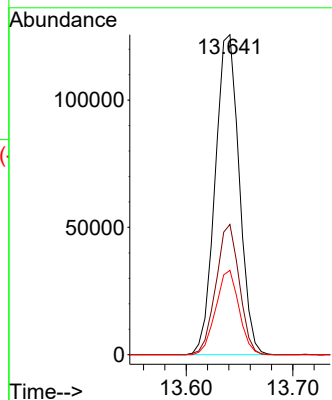
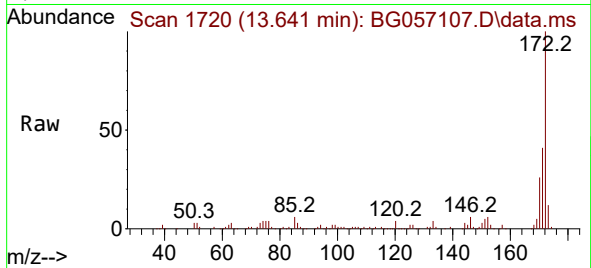




#45
2-Fluorobiphenyl
Concen: 52.779 ng
RT: 13.641 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

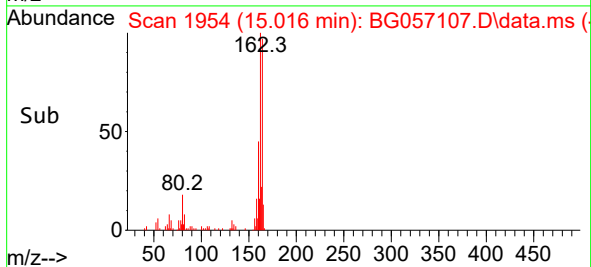
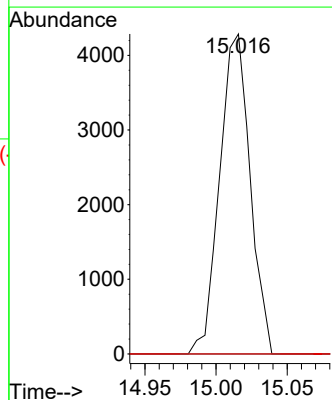
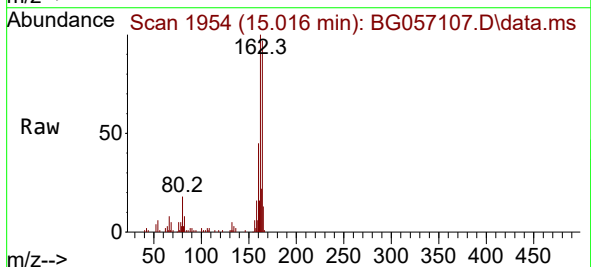
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

Tgt Ion:172 Resp: 196734
Ion Ratio Lower Upper
172 100
171 40.7 30.6 46.0
170 26.3 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 7.419 ng
RT: 15.016 min Scan# 1954
Delta R.T. 0.431 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:165 Resp: 6384
Ion Ratio Lower Upper
165 100
63 0.0 53.0 79.6#
89 0.0 51.0 76.4#





#57

2,4-Dinitrotoluene

Concen: 5.260 ng

RT: 15.016 min Scan# 1954

Delta R.T. -0.351 min

Lab File: BG057107.D

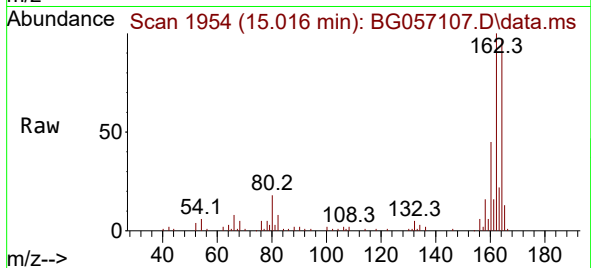
Acq: 14 Apr 2023 19:55

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-2



Tgt Ion:165 Resp: 6384

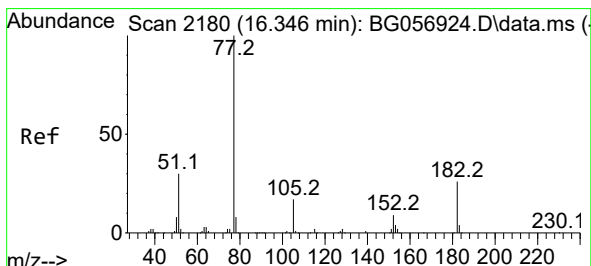
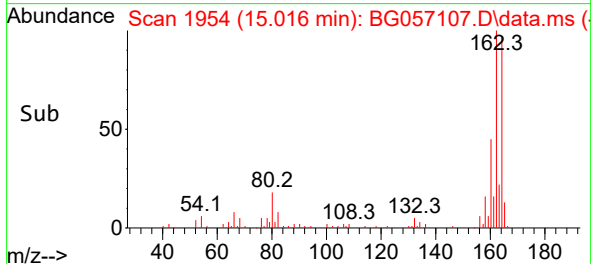
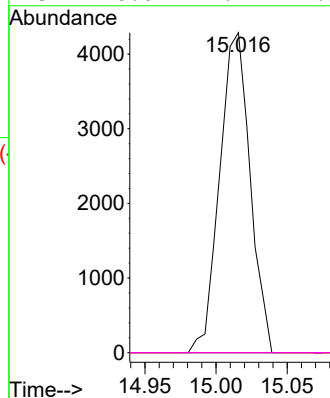
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#63

Azobenzene

Concen: 2.759 ng

RT: 16.349 min Scan# 2181

Delta R.T. 0.013 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

Tgt Ion: 77 Resp: 10978

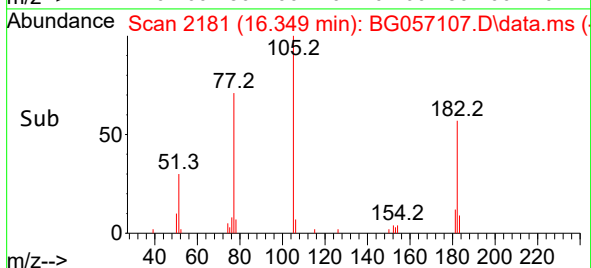
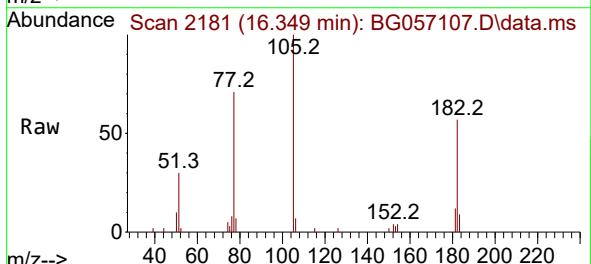
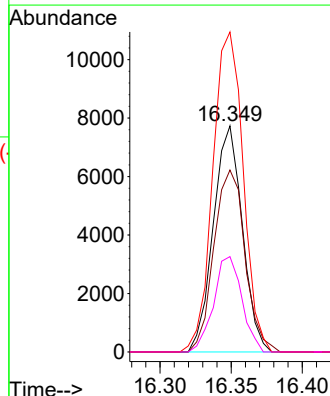
Ion Ratio Lower Upper

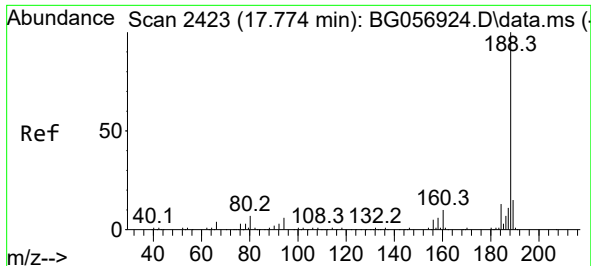
77 100

182 80.5 5.9 45.9#

105 141.6 0.0 36.8#

51 42.2 10.3 50.3

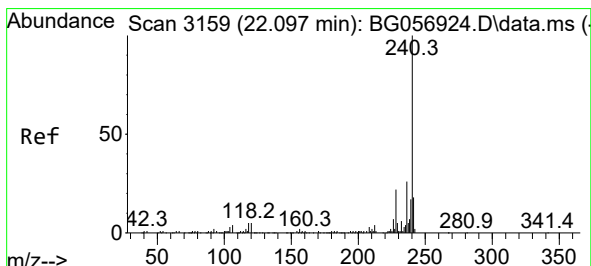
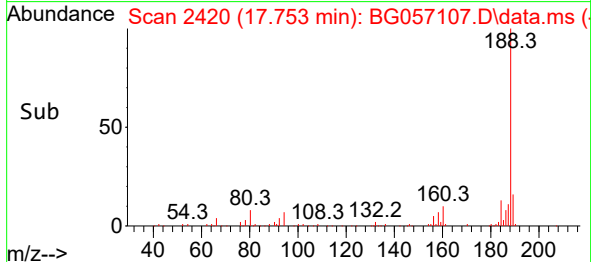
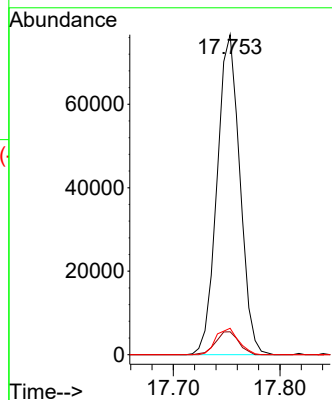
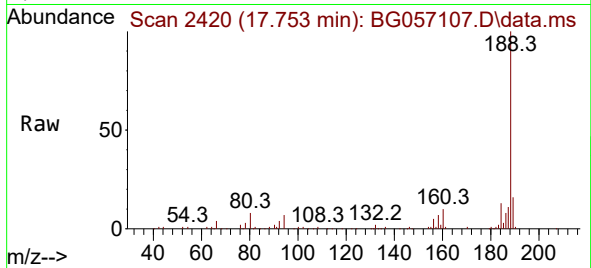




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.753 min Scan# 2423
Delta R.T. -0.010 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

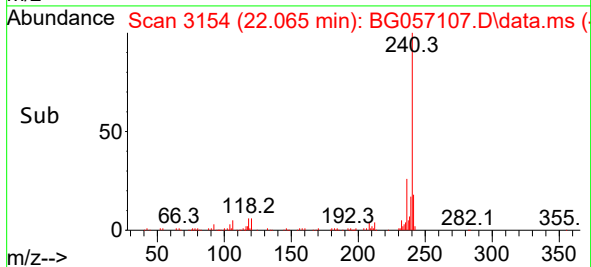
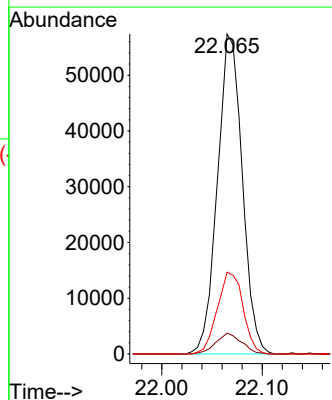
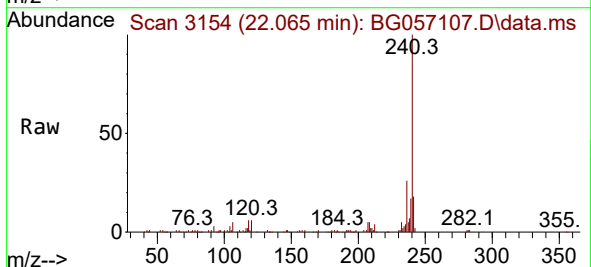
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-2

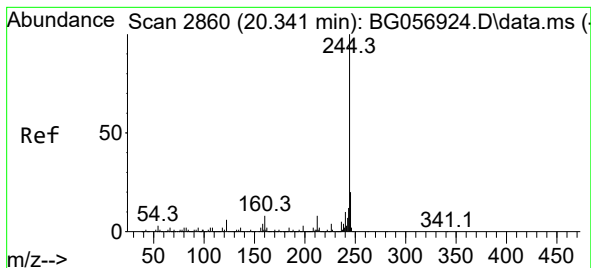
Tgt Ion:188 Resp: 113714
Ion Ratio Lower Upper
188 100
94 7.2 4.6 6.8#
80 8.2 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.065 min Scan# 3154
Delta R.T. -0.016 min
Lab File: BG057107.D
Acq: 14 Apr 2023 19:55

Tgt Ion:240 Resp: 98524
Ion Ratio Lower Upper
240 100
120 6.5 3.8 5.6#
236 25.5 21.0 31.6





#79

Terphenyl-d14

Concen: 56.048 ng

RT: 20.320 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

Instrument :

BNA_G

ClientSampleId :

PH1-BOT-2

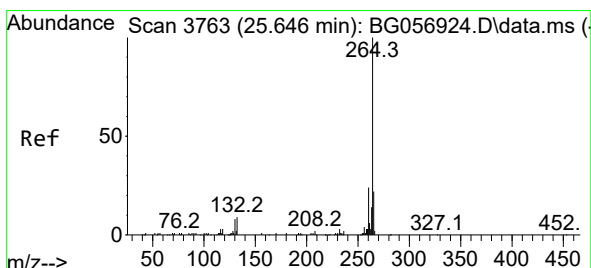
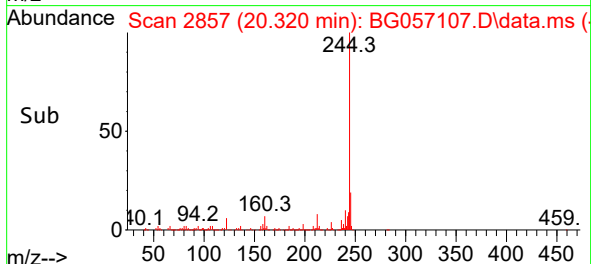
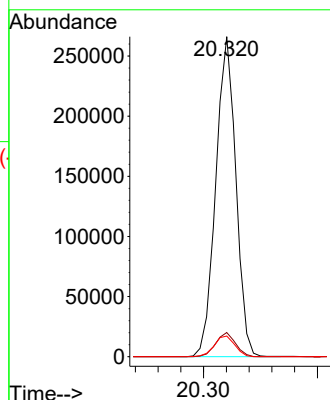
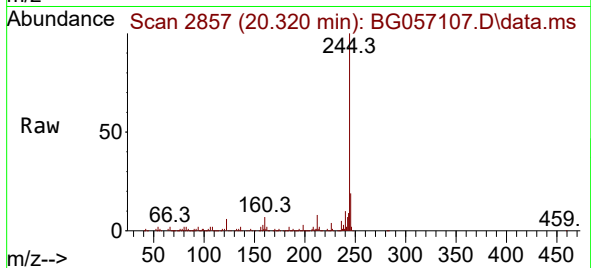
Tgt Ion:244 Resp: 326332

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 6.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.601 min Scan# 3756

Delta R.T. -0.010 min

Lab File: BG057107.D

Acq: 14 Apr 2023 19:55

Tgt Ion:264 Resp: 102804

Ion Ratio Lower Upper

264 100

260 23.0 19.0 28.4

265 20.5 17.8 26.6

