

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040723\
 Data File : BG057023.D
 Acq On : 7 Apr 2023 12:31
 Operator : CG/JU
 Sample : PB151961BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151961BL

Quant Time: Apr 08 04:48:43 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)

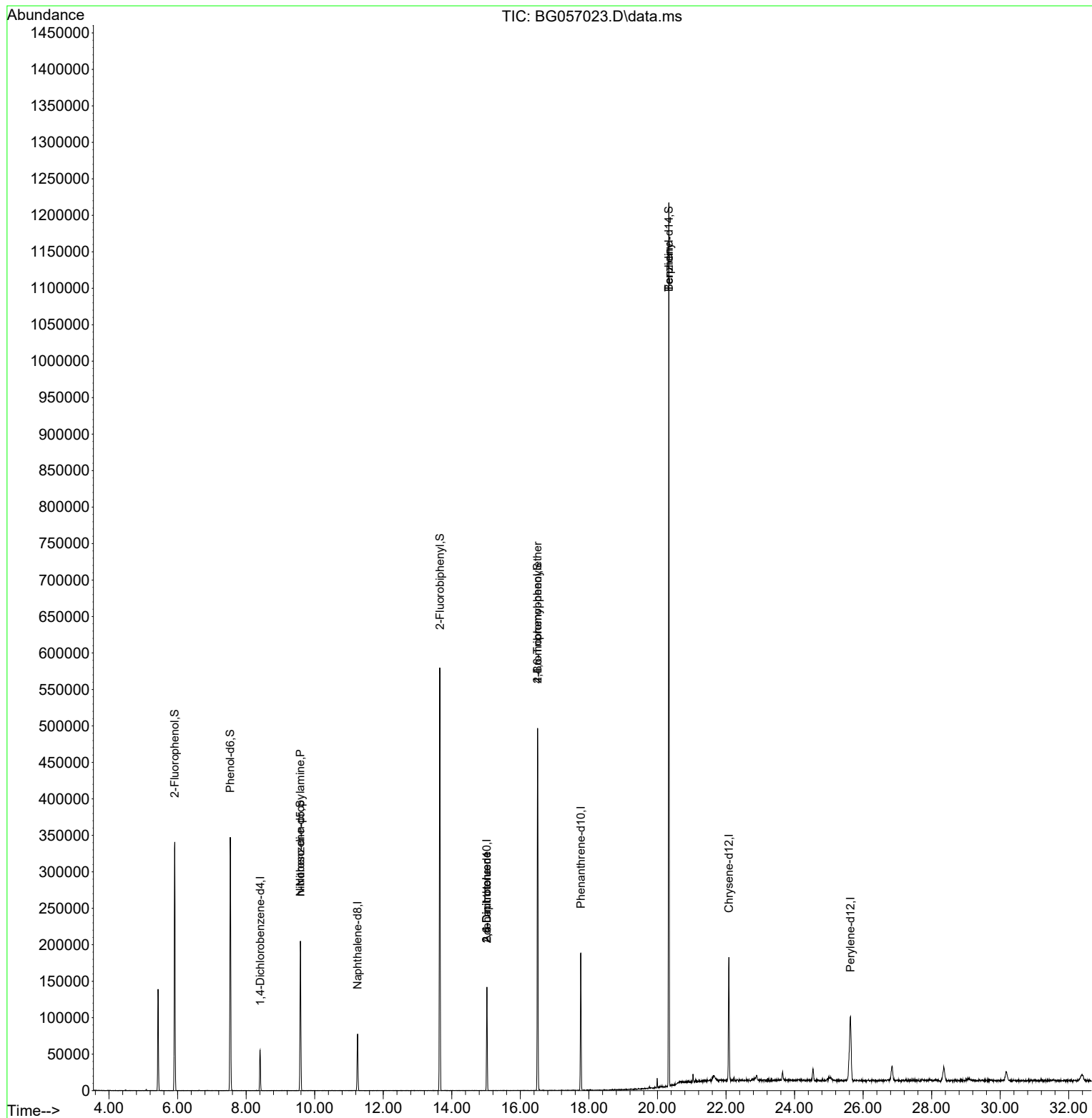
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	15200	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	63500	20.000	ng	0.00
39) Acenaphthene-d10	15.022	164	51126	20.000	ng	0.00
64) Phenanthrene-d10	17.766	188	126074	20.000	ng	0.00
76) Chrysene-d12	22.083	240	107177	20.000	ng	0.00
86) Perylene-d12	25.631	264	107907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	141756	149.259	ng	0.00
7) Phenol-d6	7.538	99	200192	140.936	ng	0.00
23) Nitrobenzene-d5	9.583	82	124696	80.351	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	103696	126.961	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	311509	82.621	ng	0.00
79) Terphenyl-d14	20.333	244	596812	94.227	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.583	70	17410	17.136	ng	Qvalue
51) 2,6-Dinitrotoluene	15.022	165	7053	8.103	ng	# 79
57) 2,4-Dinitrotoluene	15.022	165	7053	5.746	ng	# 18
67) 4-Bromophenyl-phenylether	16.503	248	6328	4.057	ng	# 18
77) Benzidine	20.333	184	8762	2.991	ng	# 1

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

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Quant Time: Apr 08 04:48:43 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

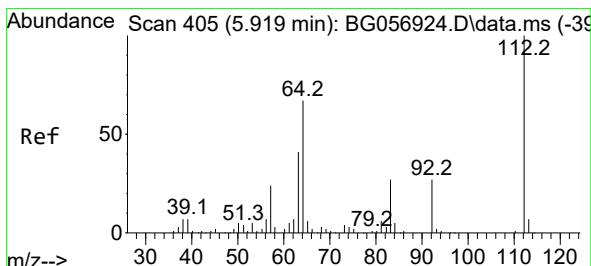
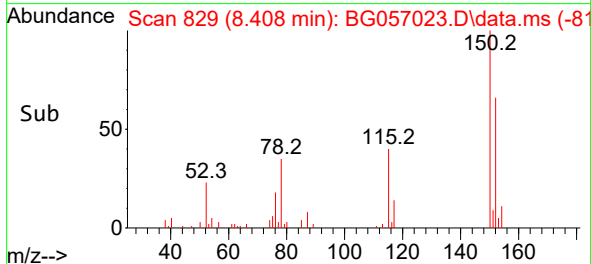
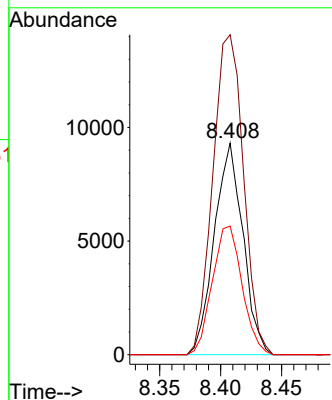
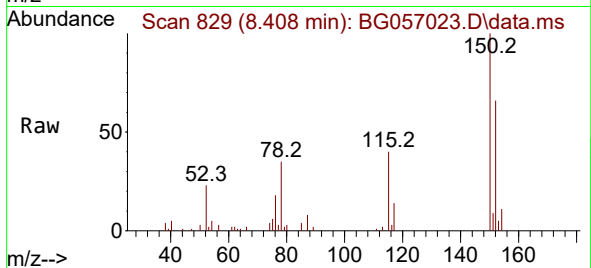




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

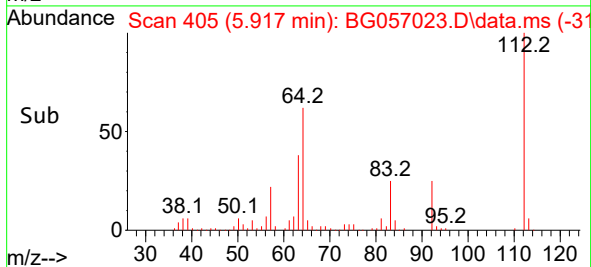
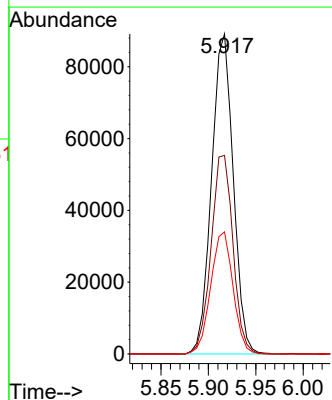
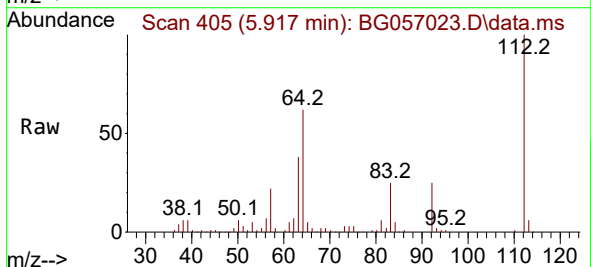
Instrument :
BNA_G
ClientSampleId :
PB151961BL

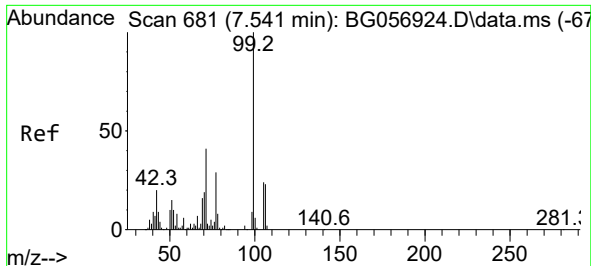
Tgt Ion:152 Resp: 15200
Ion Ratio Lower Upper
152 100
150 151.2 124.1 186.1
115 60.8 49.1 73.7



#5
2-Fluorophenol
Concen: 149.259 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion:112 Resp: 141756
Ion Ratio Lower Upper
112 100
64 62.1 53.2 79.8
63 38.2 32.6 48.8

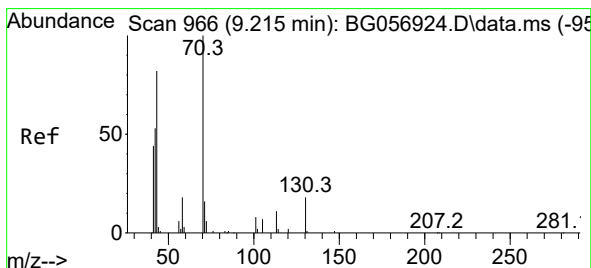
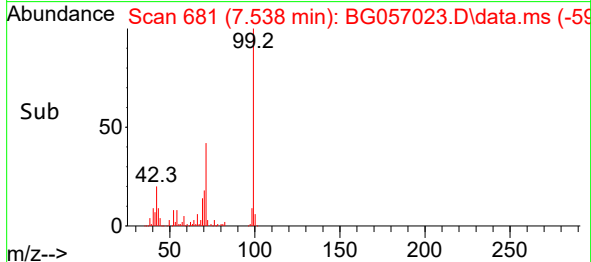
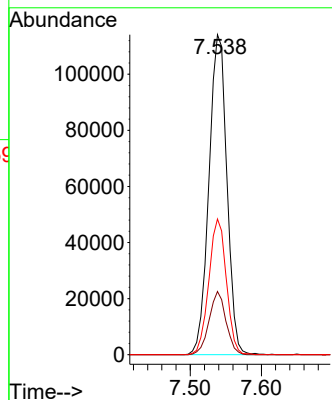
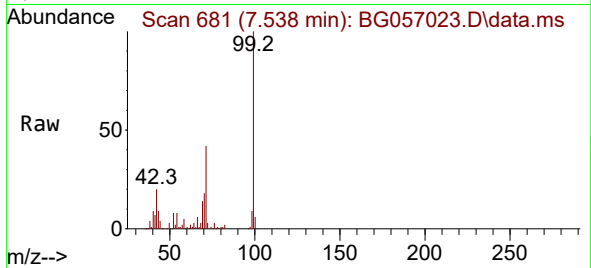




#7
Phenol-d6
Concen: 140.936 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

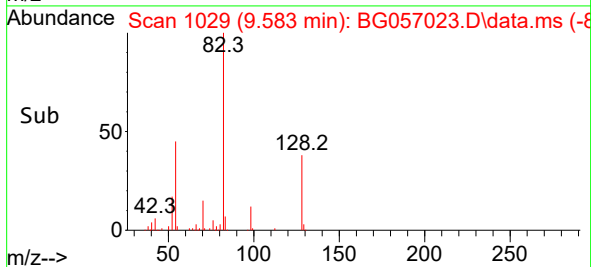
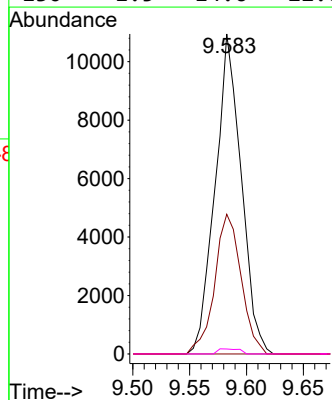
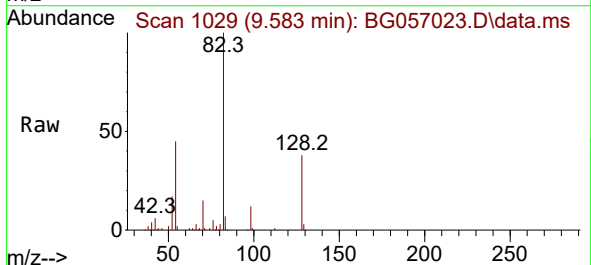
Instrument :
BNA_G
ClientSampleId :
PB151961BL

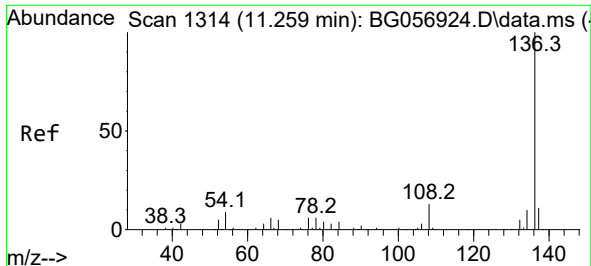
Tgt Ion: 99 Resp: 200192
Ion Ratio Lower Upper
99 100
42 19.7 15.7 23.5
71 42.4 32.5 48.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.136 ng
RT: 9.583 min Scan# 1029
Delta R.T. 0.370 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion: 70 Resp: 17410
Ion Ratio Lower Upper
70 100
42 43.6 43.4 65.0
101 0.0 6.2 9.2#
130 1.5 14.6 22.0#

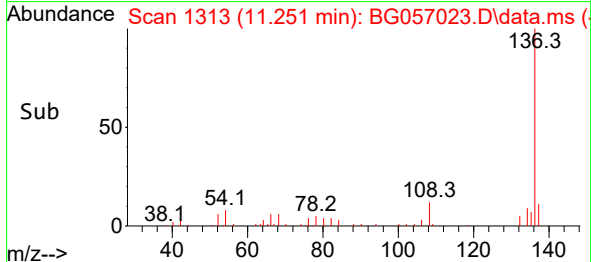
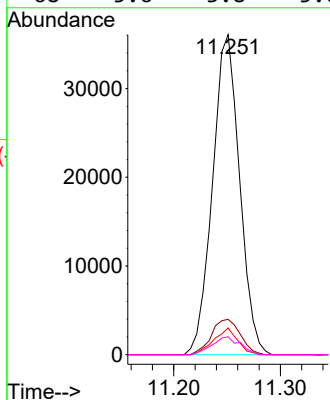
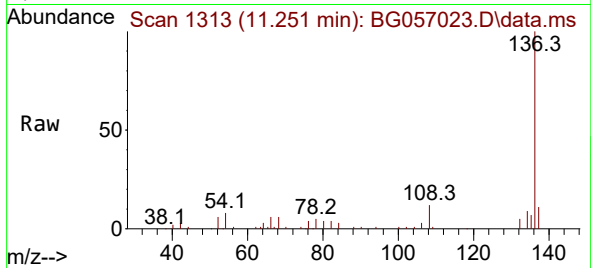




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

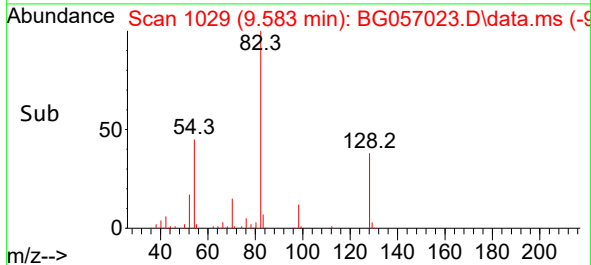
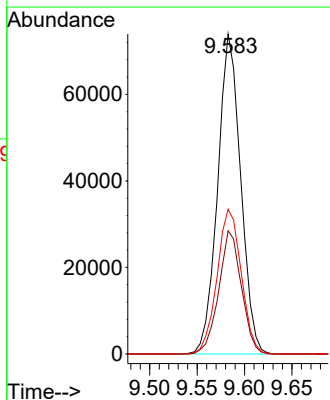
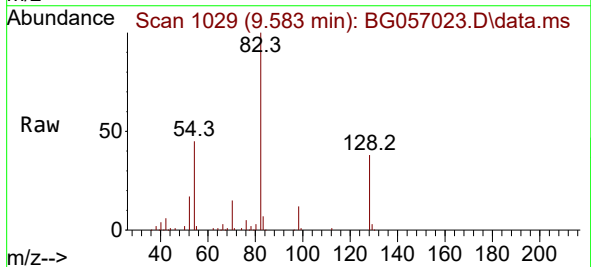
Instrument :
BNA_G
ClientSampleId :
PB151961BL

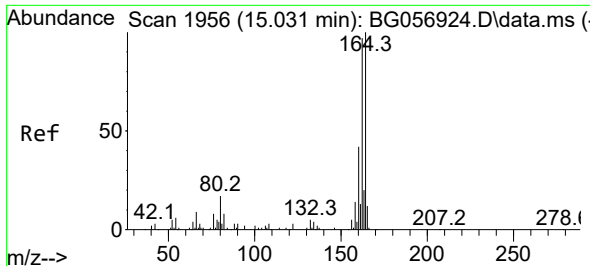
Tgt Ion:	136	Resp:	63500
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	8.4	6.9	10.3
68	5.6	3.8	5.6



#23
Nitrobenzene-d5
Concen: 80.351 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion:	82	Resp:	124696
Ion Ratio	Lower	Upper	
82	100		
128	38.5	27.9	41.9
54	45.2	39.4	59.2

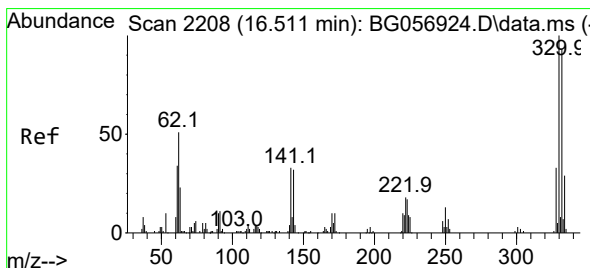
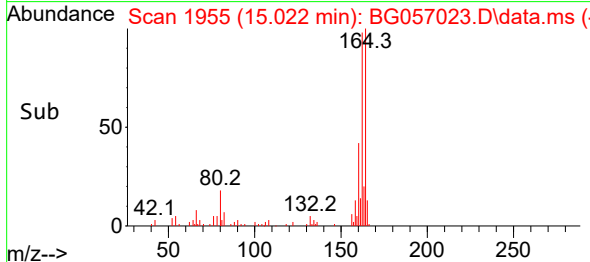
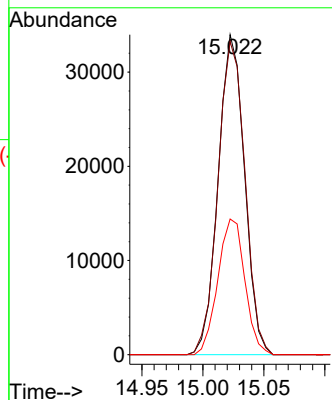
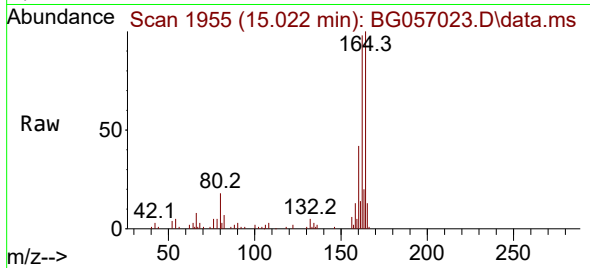




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.022 min Scan# 1955
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

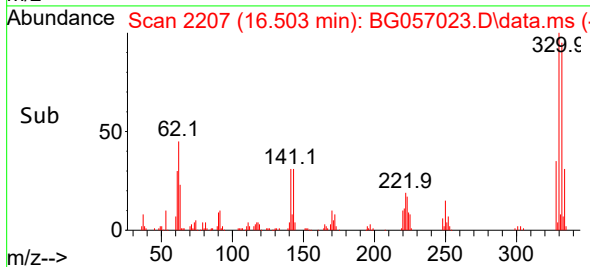
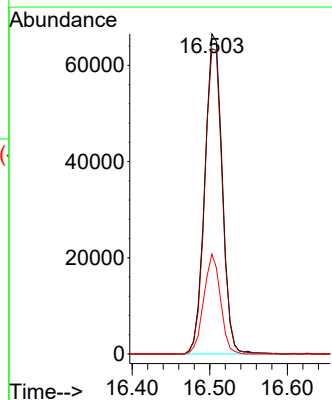
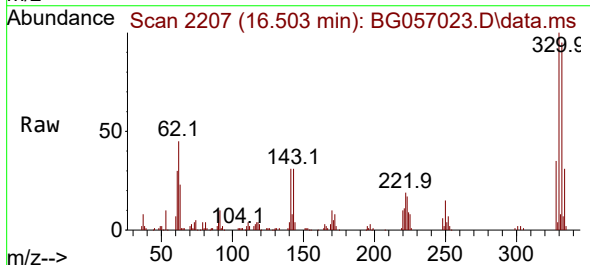
Instrument :
BNA_G
ClientSampleId :
PB151961BL

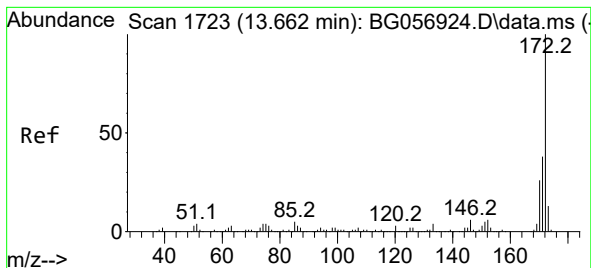
Tgt Ion:164 Resp: 51126
Ion Ratio Lower Upper
164 100
162 97.9 77.8 116.8
160 42.4 33.5 50.3



#42
2,4,6-Tribromophenol
Concen: 126.961 ng
RT: 16.503 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion:330 Resp: 103696
Ion Ratio Lower Upper
330 100
332 96.5 76.1 114.1
141 29.8 25.8 38.6





#45

2-Fluorobiphenyl

Concen: 82.621 ng

RT: 13.654 min Scan# 1

Delta R.T. 0.006 min

Lab File: BG057023.D

Acq: 7 Apr 2023 12:31

Instrument :

BNA_G

ClientSampleId :

PB151961BL

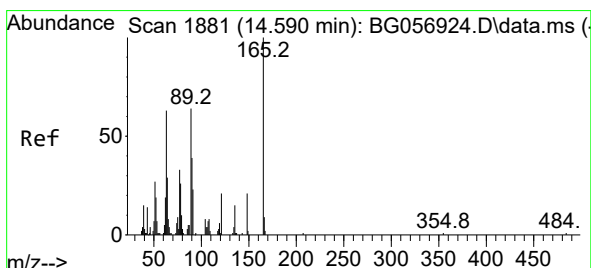
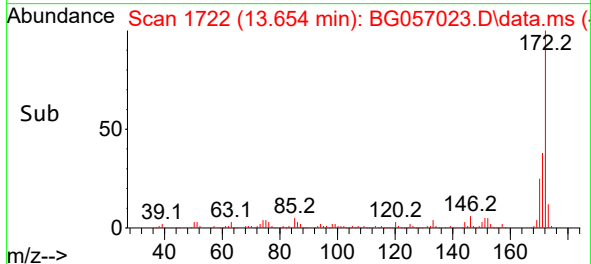
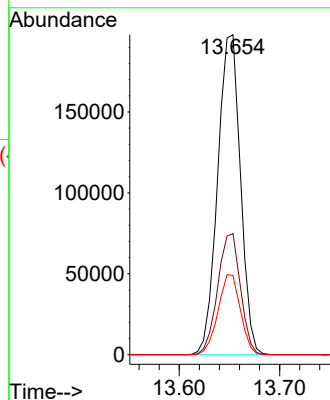
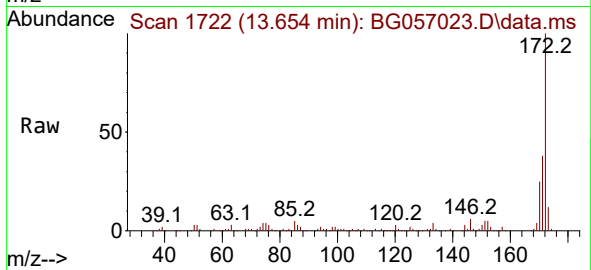
Tgt Ion:172 Resp: 311509

Ion Ratio Lower Upper

172 100

171 37.9 30.6 46.0

170 24.8 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 8.103 ng

RT: 15.022 min Scan# 1955

Delta R.T. 0.435 min

Lab File: BG057023.D

Acq: 7 Apr 2023 12:31

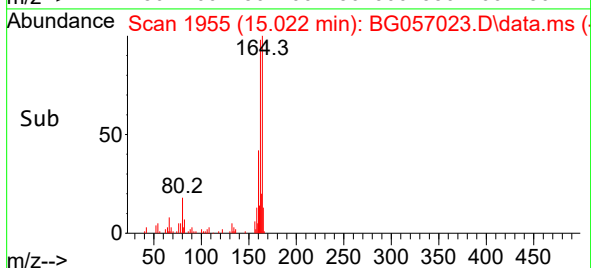
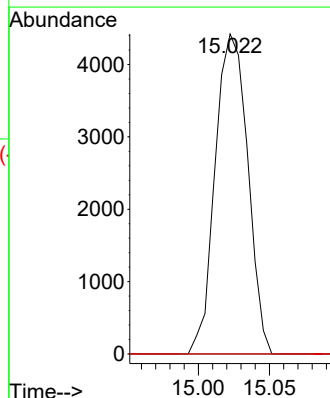
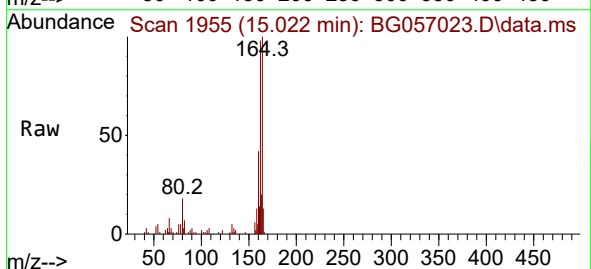
Tgt Ion:165 Resp: 7053

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: 5.746 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.347 min

Lab File: BG057023.D

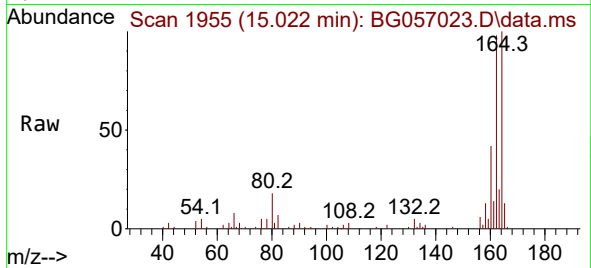
Acq: 7 Apr 2023 12:31

Instrument :

BNA_G

ClientSampleId :

PB151961BL



Tgt Ion:165 Resp: 7053

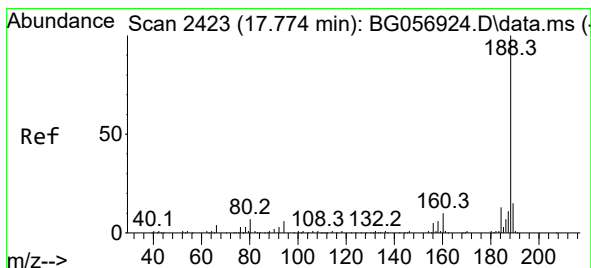
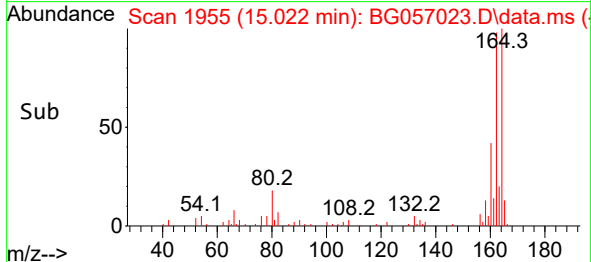
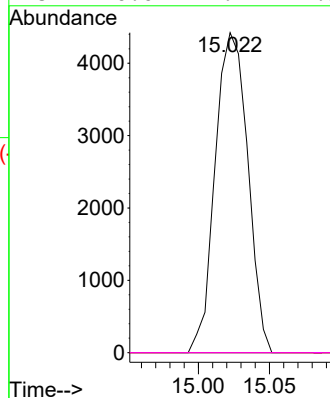
Ion Ratio Lower Upper

165 100

63 0.0 37.7 56.5#

89 0.0 63.2 94.8#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.766 min Scan# 2422

Delta R.T. 0.006 min

Lab File: BG057023.D

Acq: 7 Apr 2023 12:31

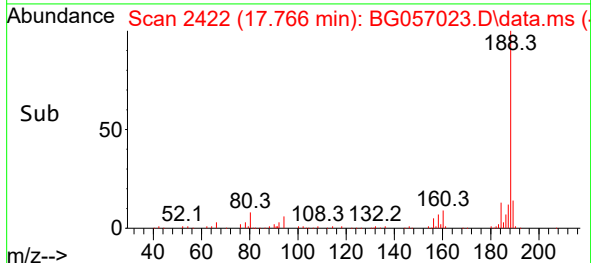
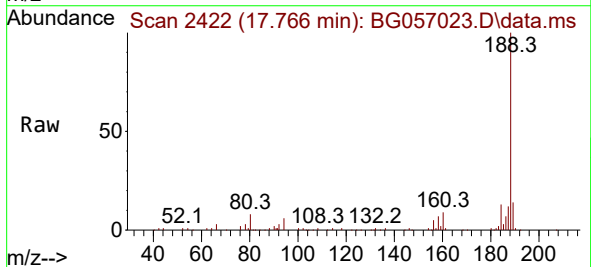
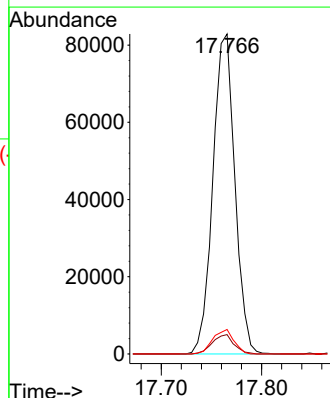
Tgt Ion:188 Resp: 126074

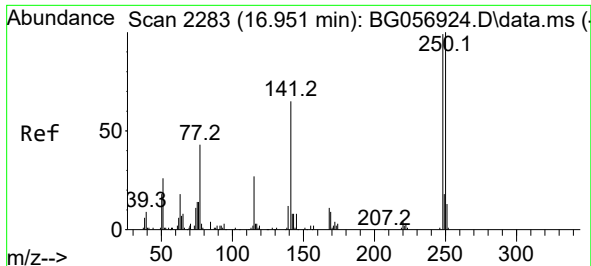
Ion Ratio Lower Upper

188 100

94 6.1 4.6 6.8

80 7.6 5.5 8.3

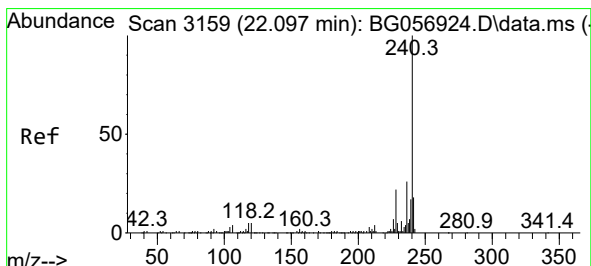
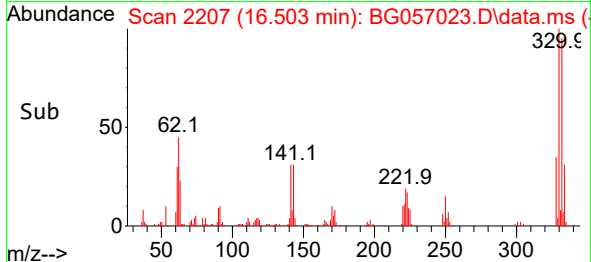
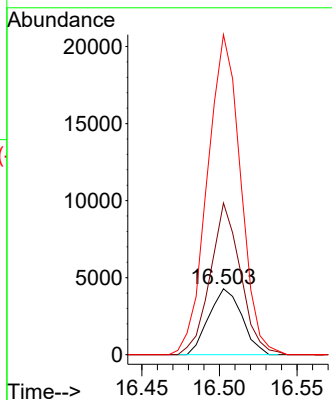
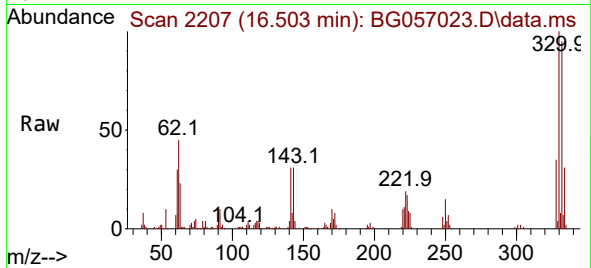




#67
4-Bromophenyl-phenylether
Concen: 4.057 ng
RT: 16.503 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

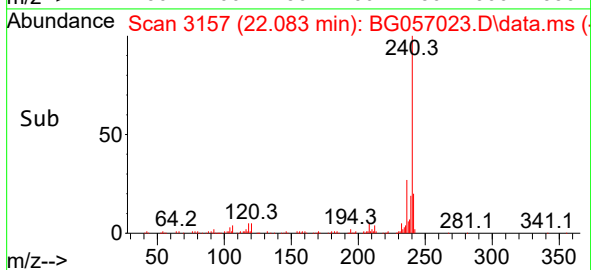
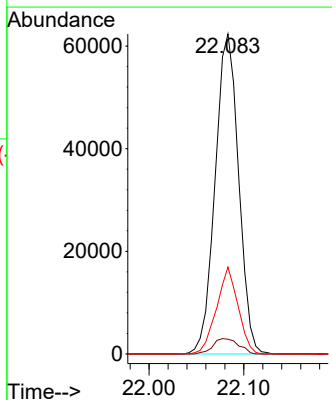
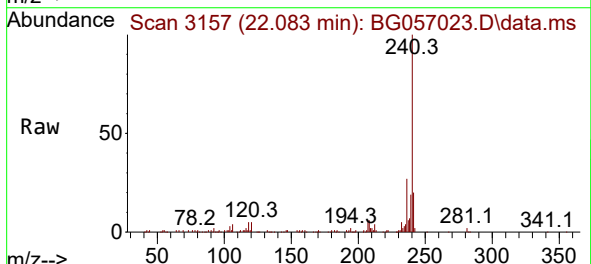
Instrument :
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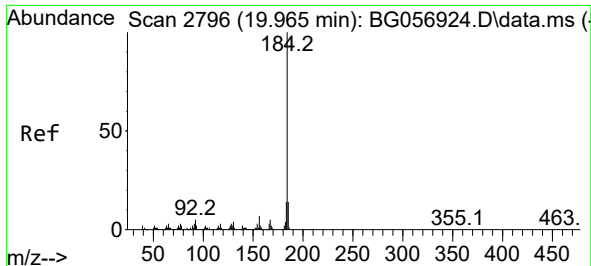
Tgt Ion:248 Resp: 6328
Ion Ratio Lower Upper
248 100
250 230.2 80.5 120.7#
141 485.8 52.0 78.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion:240 Resp: 107177
Ion Ratio Lower Upper
240 100
120 4.6 3.8 5.6
236 27.2 21.0 31.6

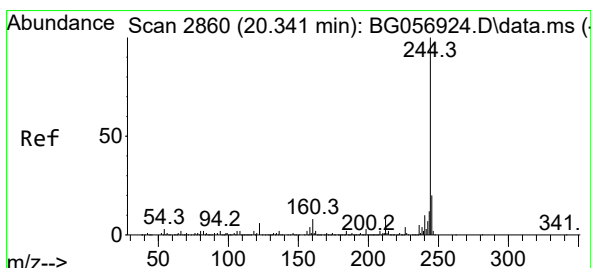
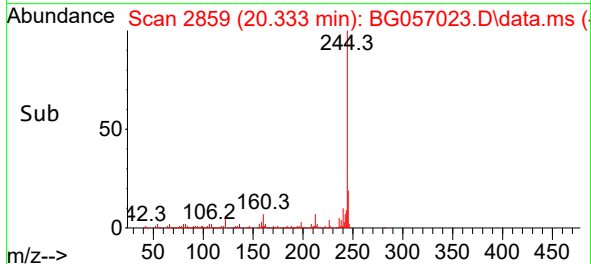
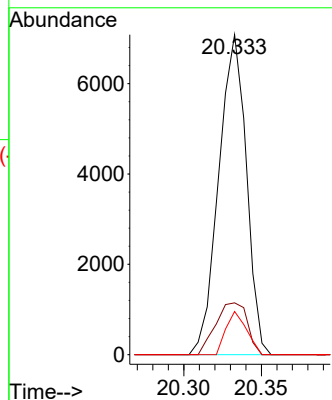
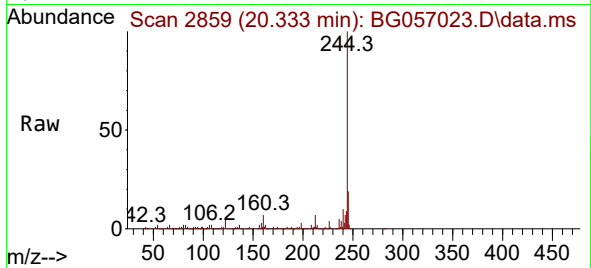




#77
Benzidine
Concen: 2.991 ng
RT: 20.333 min Scan# 2859
Delta R.T. 0.382 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

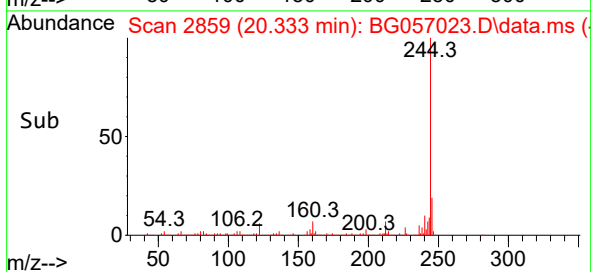
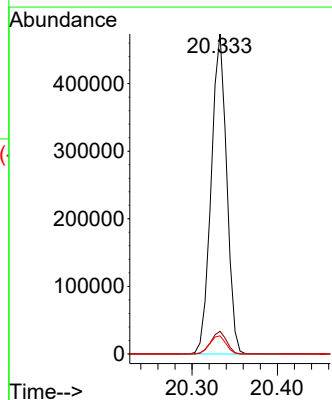
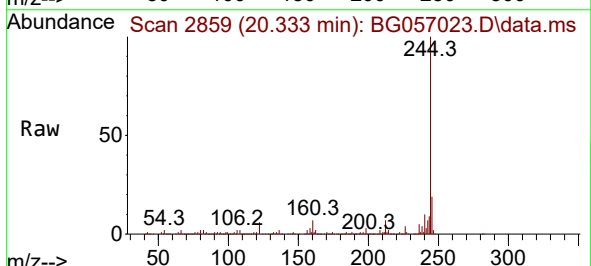
Instrument :
BNA_G
ClientSampleId :
PB151961BL

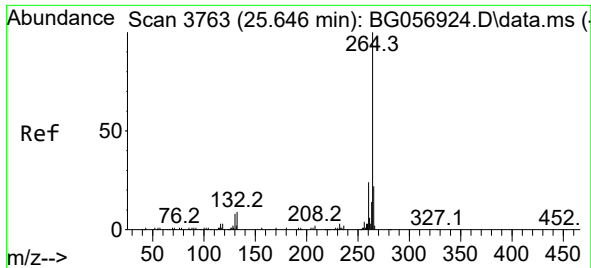
Tgt Ion:184 Resp: 8762
Ion Ratio Lower Upper
184 100
185 16.2 11.0 16.4
183 13.5 11.4 17.0



#79
Terphenyl-d14
Concen: 94.227 ng
RT: 20.333 min Scan# 2859
Delta R.T. 0.006 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Tgt Ion:244 Resp: 596812
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 5.6 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.631 min Scan# 31
Delta R.T. 0.000 min
Lab File: BG057023.D
Acq: 7 Apr 2023 12:31

Instrument :
BNA_G
ClientSampleId :
PB151961BL

Tgt Ion:264 Resp: 107907

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	21.9	17.8	26.6

