

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057819.D
 Acq On : 22 Jun 2023 22:21
 Operator : CG/JU
 Sample : 03302-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Quant Time: Jun 23 03:46:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

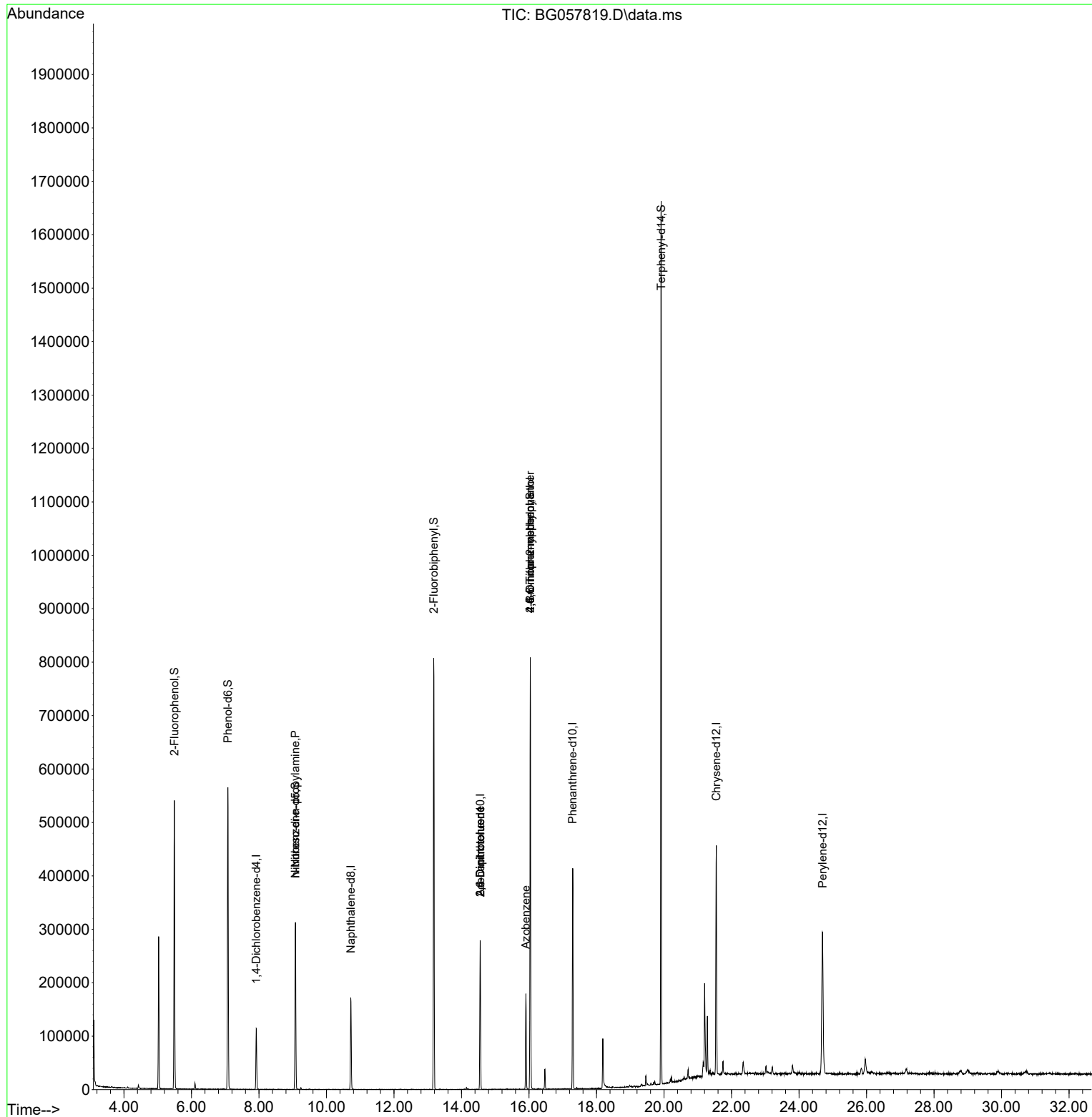
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.918	152	31807	20.000	ng	-0.01
21) Naphthalene-d8	10.721	136	141891	20.000	ng	-0.01
39) Acenaphthene-d10	14.557	164	103111	20.000	ng	0.00
64) Phenanthrene-d10	17.295	188	267467	20.000	ng	-0.01
76) Chrysene-d12	21.549	240	246630	20.000	ng	-0.01
86) Perylene-d12	24.698	264	299552	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	222069	107.652	ng	0.00
7) Phenol-d6	7.078	99	339663	107.913	ng	-0.01
23) Nitrobenzene-d5	9.081	82	185892	67.239	ng	-0.01
42) 2,4,6-Tribromophenol	16.038	330	165912	115.511	ng	-0.01
45) 2-Fluorobiphenyl	13.177	172	438507	64.504	ng	-0.01
79) Terphenyl-d14	19.916	244	865725	65.454	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.081	70	22352	10.186	ng	# 77
51) 2,6-Dinitrotoluene	14.557	165	13735	9.418	ng	# 18
57) 2,4-Dinitrotoluene	14.557	165	13735	6.945	ng	# 18
63) Azobenzene	15.909	77	50754	6.107	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.038	198	415	5.612	ng	# 1
67) 4-Bromophenyl-phenylether	16.038	248	10866	3.831	ng	# 1

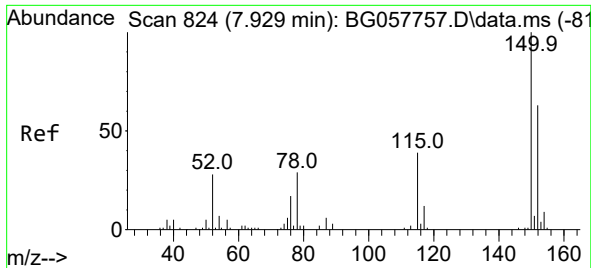
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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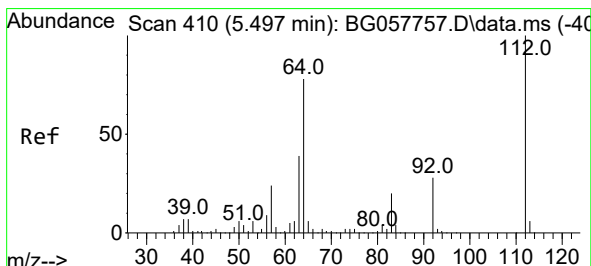
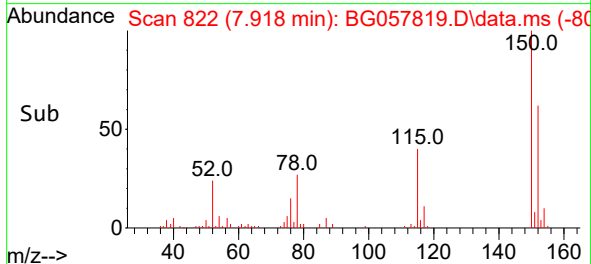
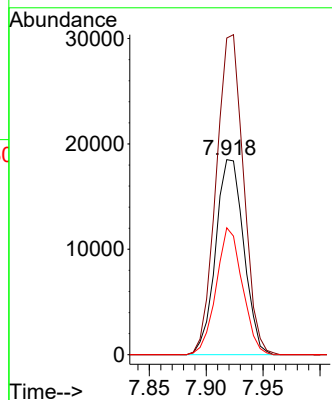
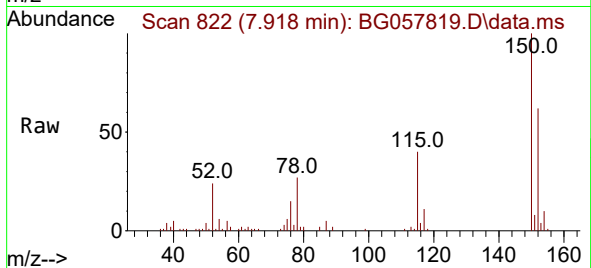




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

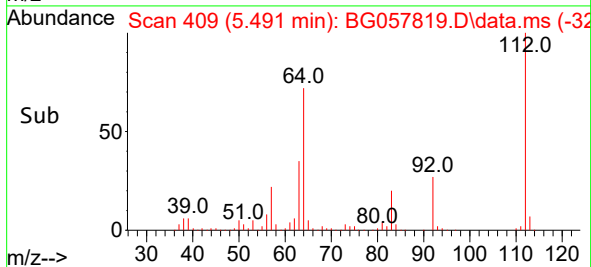
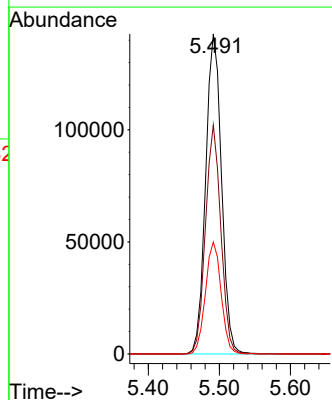
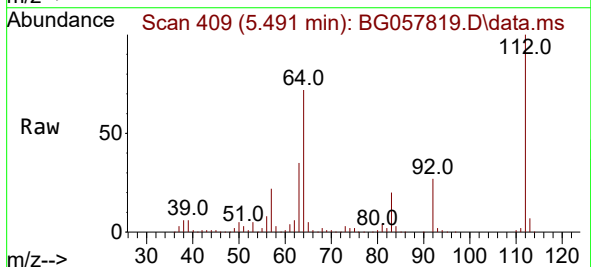
Instrument :
BNA_G
ClientSampleId :
SB-4

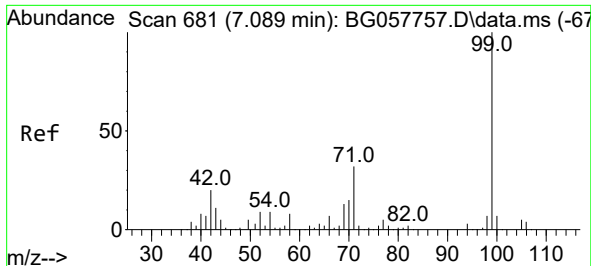
Tgt Ion:152 Resp: 31807
Ion Ratio Lower Upper
152 100
150 162.4 126.6 189.8
115 65.1 48.9 73.3



#5
2-Fluorophenol
Concen: 107.652 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion:112 Resp: 222069
Ion Ratio Lower Upper
112 100
64 71.5 62.1 93.1
63 35.0 31.5 47.3

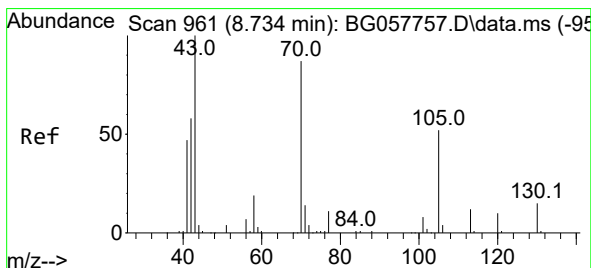
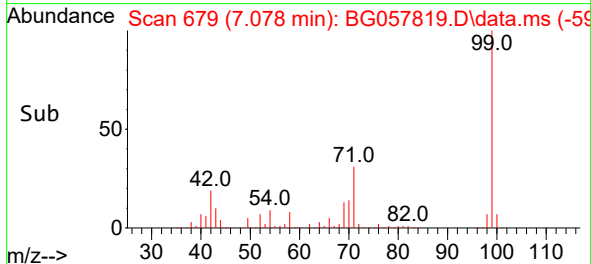
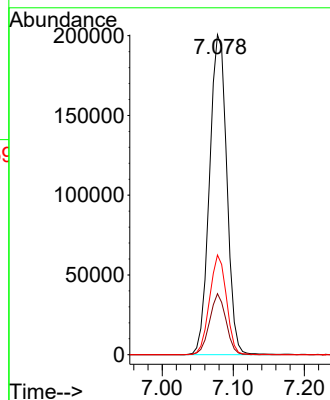
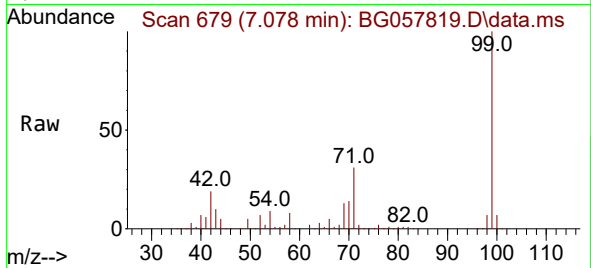




#7
Phenol-d6
Concen: 107.913 ng
RT: 7.078 min Scan# 61
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

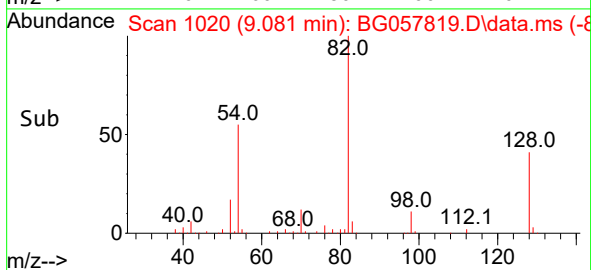
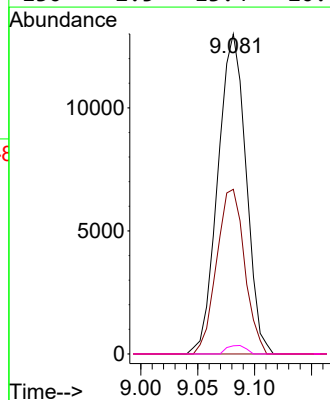
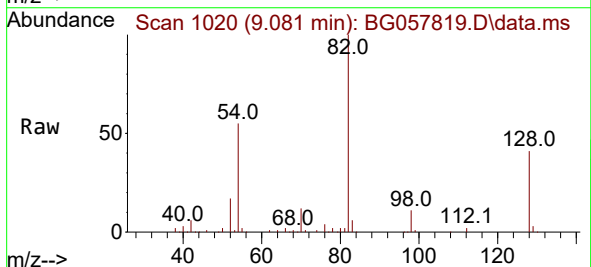
Instrument :
BNA_G
ClientSampleId :
SB-4

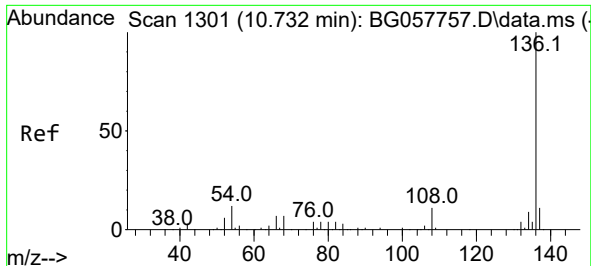
Tgt Ion: 99 Resp: 339663
Ion Ratio Lower Upper
99 100
42 19.1 16.4 24.6
71 31.1 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 10.186 ng
RT: 9.081 min Scan# 1020
Delta R.T. 0.347 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion: 70 Resp: 22352
Ion Ratio Lower Upper
70 100
42 51.4 54.2 81.2#
101 0.0 7.4 11.0#
130 2.5 13.4 20.0#

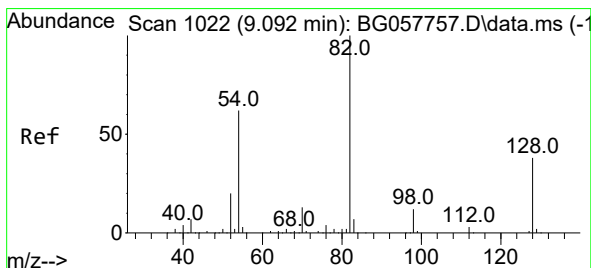
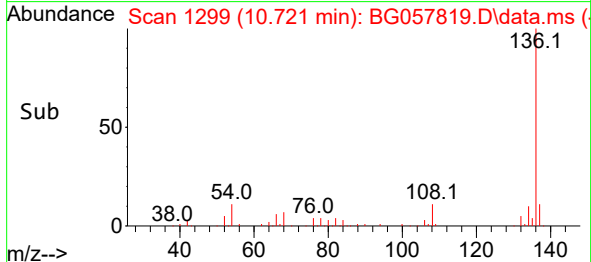
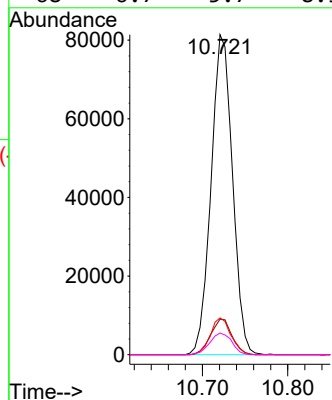
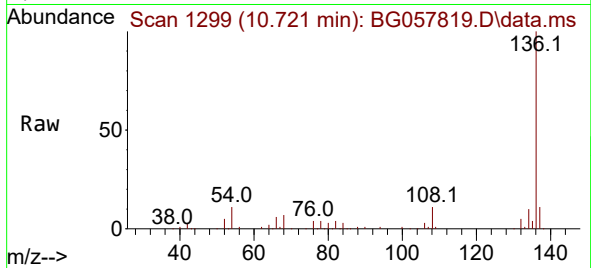




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.721 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

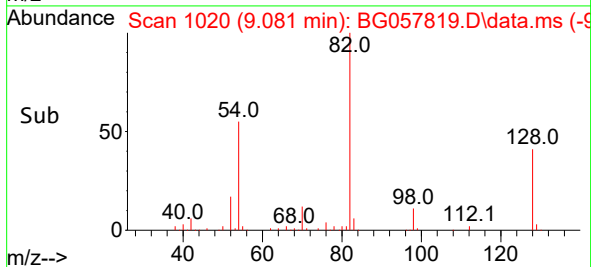
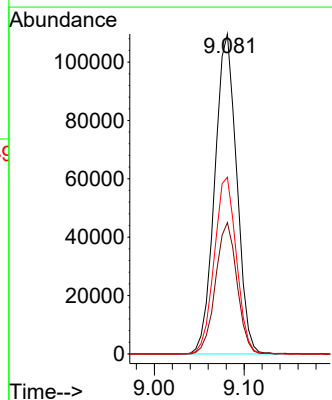
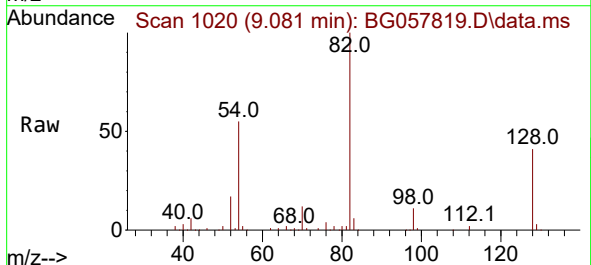
Instrument :
BNA_G
ClientSampleId :
SB-4

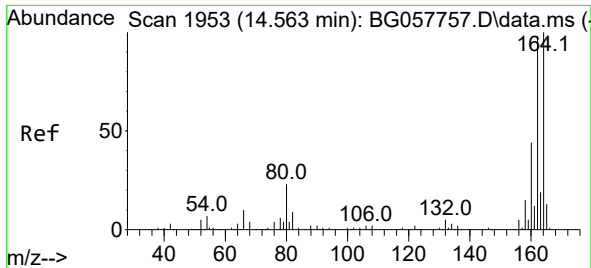
Tgt Ion:	136	Resp:	141891
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	11.5	9.5	14.3
68	6.7	5.7	8.5



#23
Nitrobenzene-d5
Concen: 67.239 ng
RT: 9.081 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion:	82	Resp:	185892
Ion Ratio	Lower	Upper	
82	100		
128	41.0	30.7	46.1
54	55.3	49.6	74.4



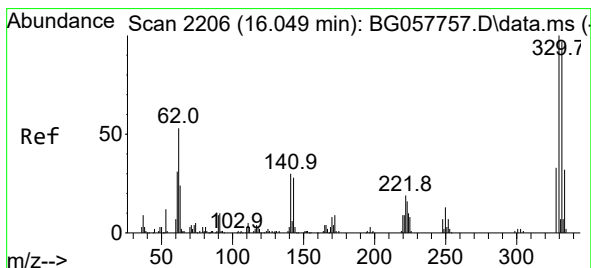
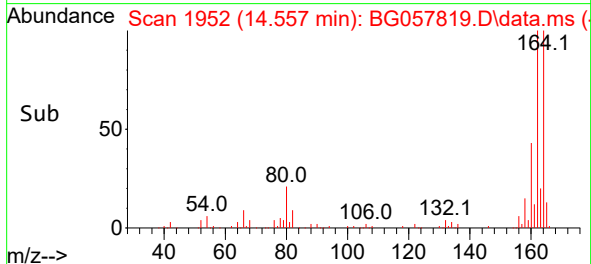
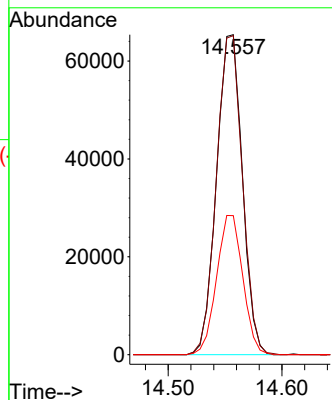
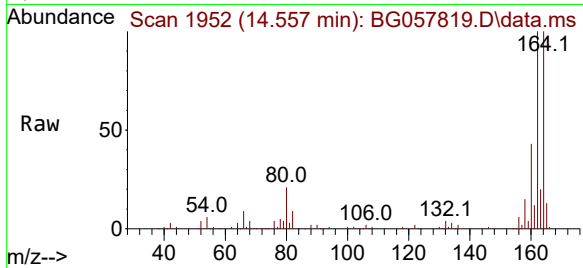


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.557 min Scan# 1952
 Delta R.T. -0.005 min
 Lab File: BG057819.D
 Acq: 22 Jun 2023 22:21

Instrument :
 BNA_G
 ClientSampleId :
 SB-4

Tgt Ion:164 Resp: 103111

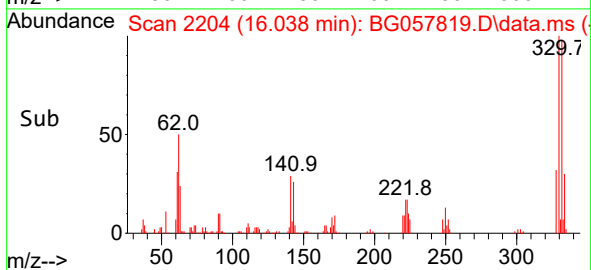
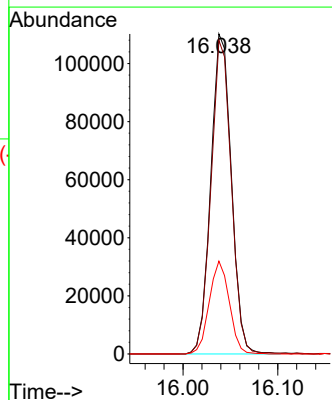
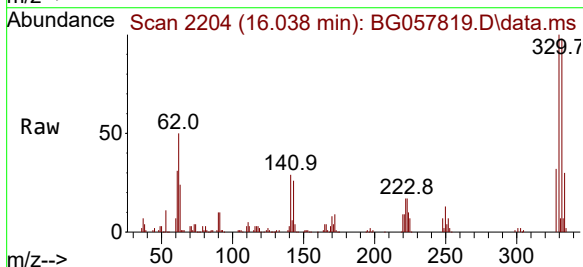
Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.3	117.5
160	43.4	35.4	53.0

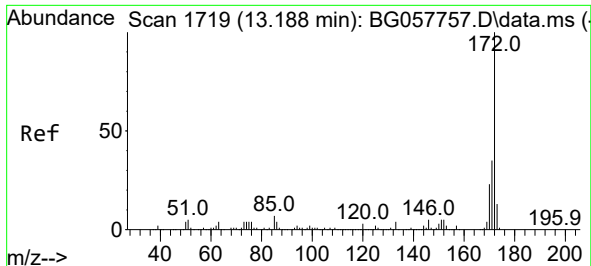


#42
 2,4,6-Tribromophenol
 Concen: 115.511 ng
 RT: 16.038 min Scan# 2204
 Delta R.T. -0.011 min
 Lab File: BG057819.D
 Acq: 22 Jun 2023 22:21

Tgt Ion:330 Resp: 165912

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	28.3	24.7	37.1

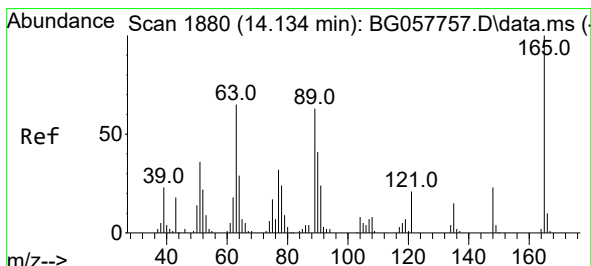
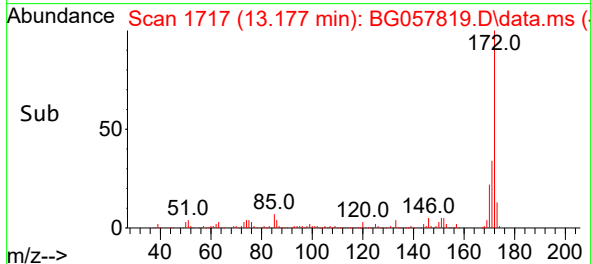
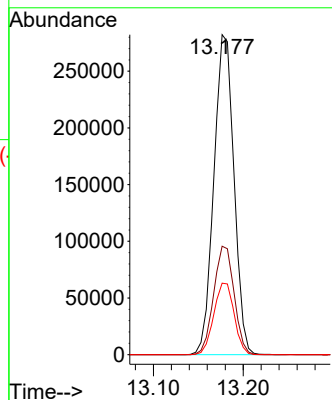
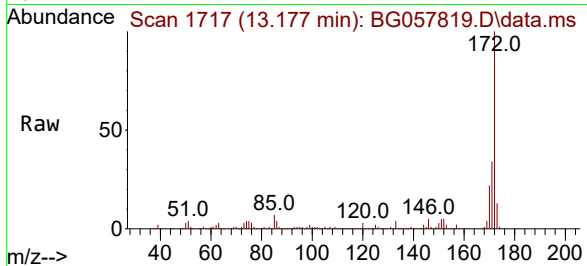




#45
2-Fluorobiphenyl
Concen: 64.504 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

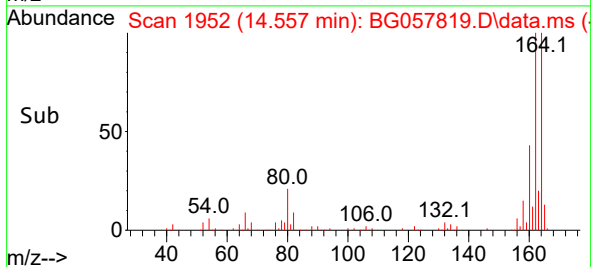
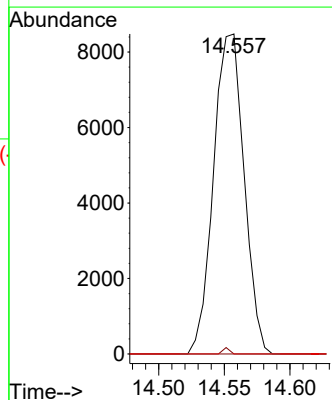
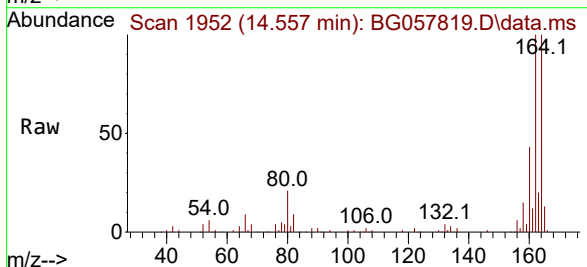
Instrument :
BNA_G
ClientSampleId :
SB-4

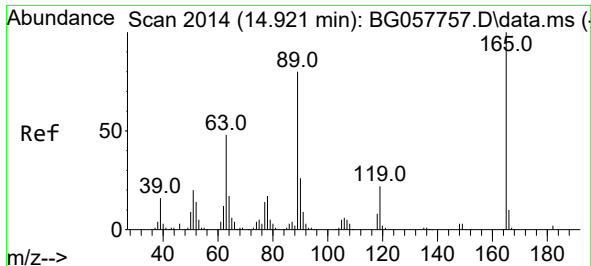
Tgt Ion:172 Resp: 438507
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.4 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.418 ng
RT: 14.557 min Scan# 1952
Delta R.T. 0.423 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion:165 Resp: 13735
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.945 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.364 min

Lab File: BG057819.D

Acq: 22 Jun 2023 22:21

Instrument :

BNA_G

ClientSampleId :

SB-4

Tgt Ion:165 Resp: 13735

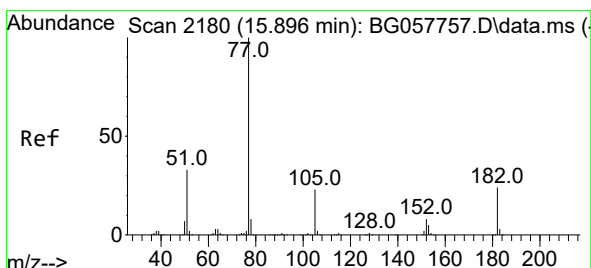
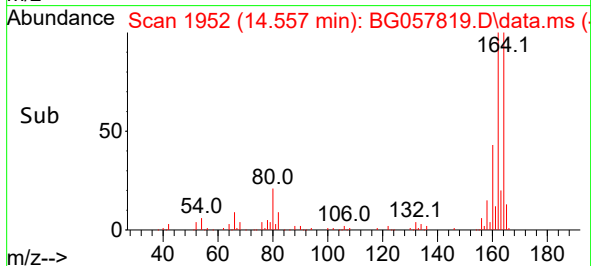
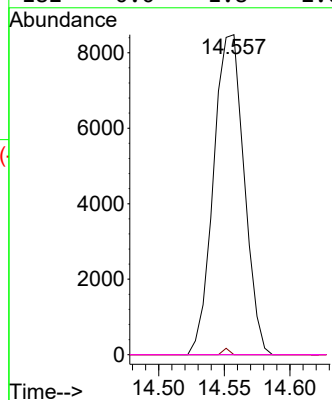
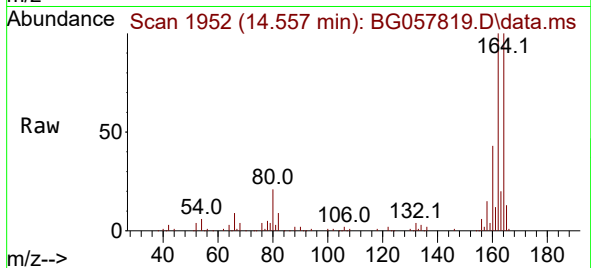
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 0.0 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 6.107 ng

RT: 15.909 min Scan# 2182

Delta R.T. 0.012 min

Lab File: BG057819.D

Acq: 22 Jun 2023 22:21

Tgt Ion: 77 Resp: 50754

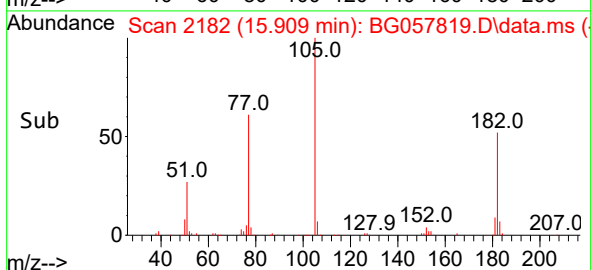
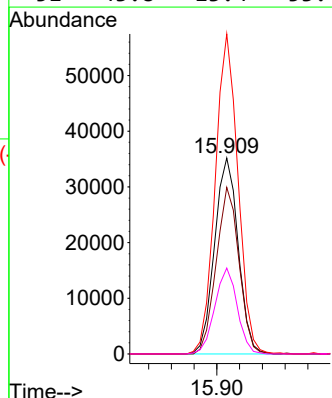
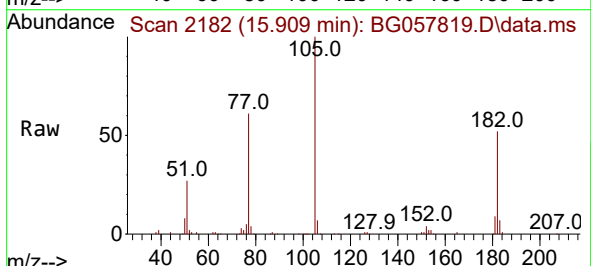
Ion Ratio Lower Upper

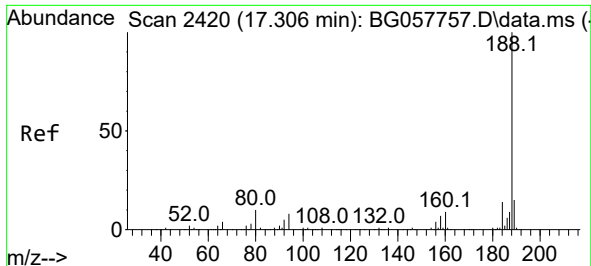
77 100

182 85.0 4.1 44.1#

105 163.2 3.3 43.3#

51 43.8 13.4 53.4

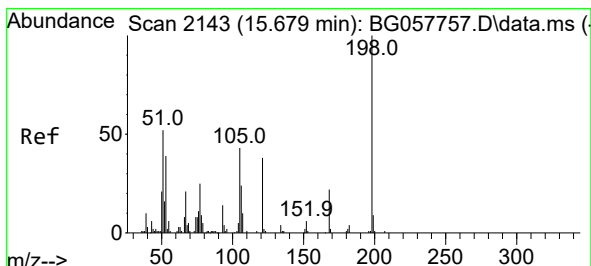
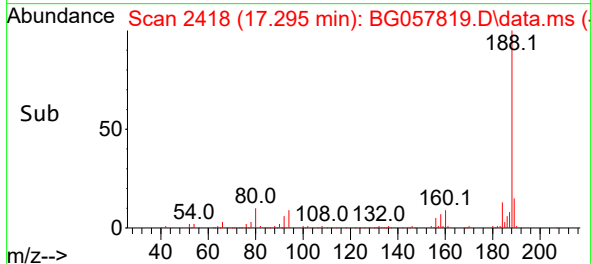
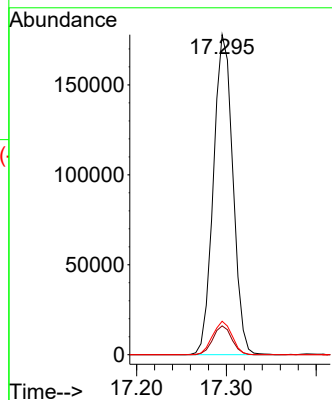
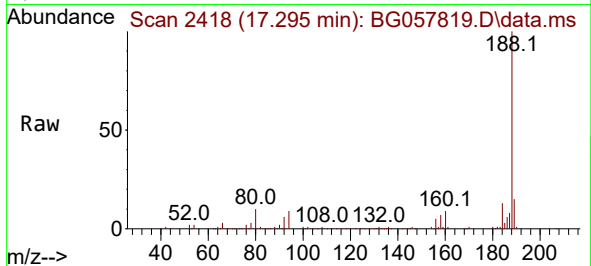




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.295 min Scan# 24
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

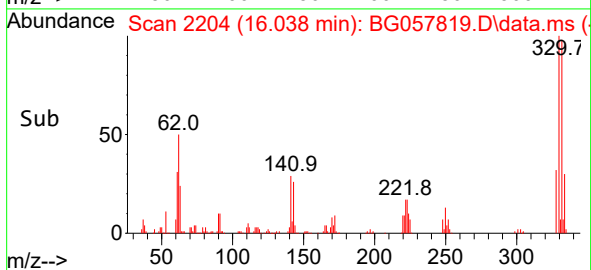
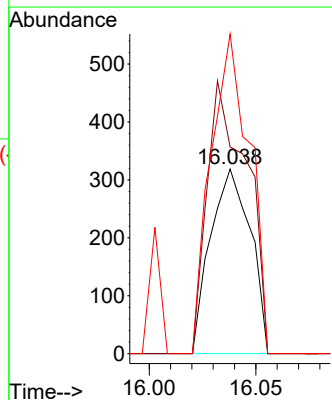
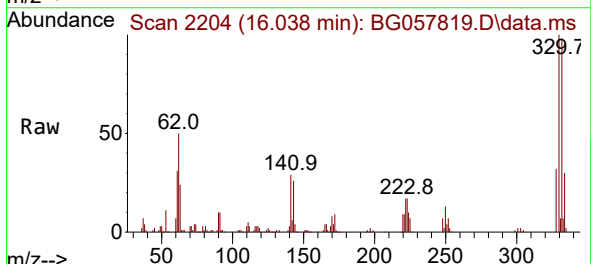
Instrument :
BNA_G
ClientSampleId :
SB-4

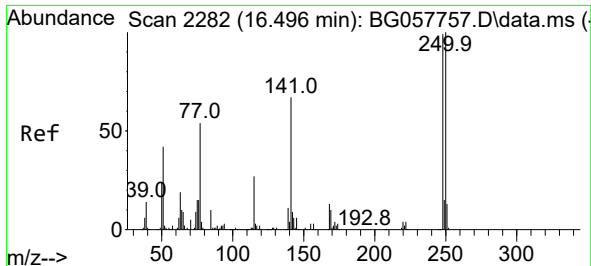
Tgt Ion:188 Resp: 267467
Ion Ratio Lower Upper
188 100
94 9.0 6.6 9.8
80 10.4 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.612 ng
RT: 16.038 min Scan# 2204
Delta R.T. 0.359 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion:198 Resp: 415
Ion Ratio Lower Upper
198 100
51 111.9 36.6 76.6#
105 173.0 24.3 64.3#

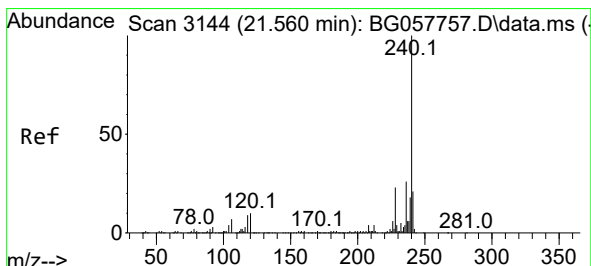
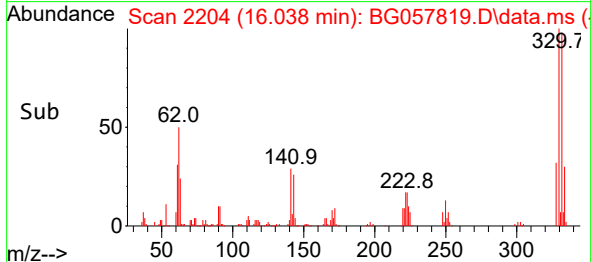
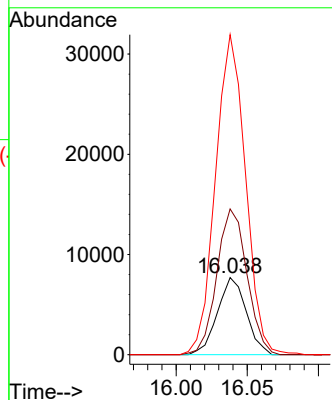
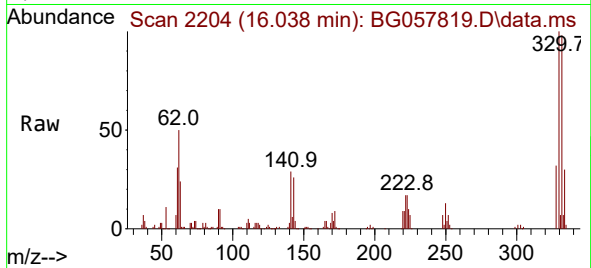




#67
4-Bromophenyl-phenylether
Concen: 3.831 ng
RT: 16.038 min Scan# 21
Delta R.T. -0.458 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

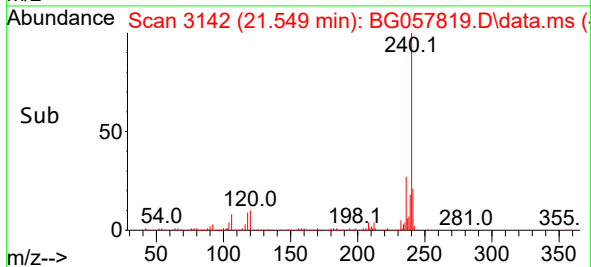
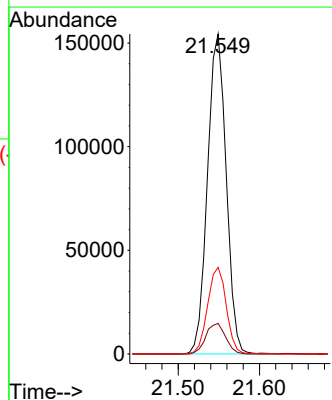
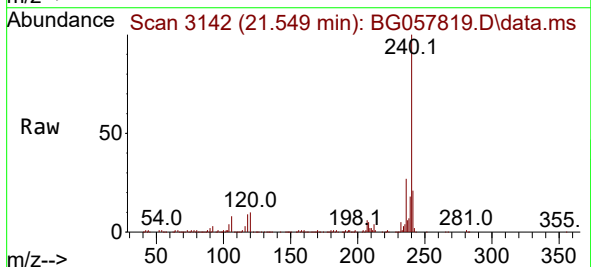
Instrument :
BNA_G
ClientSampleId :
SB-4

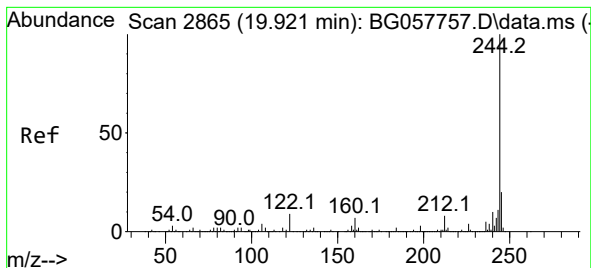
Tgt Ion:248 Resp: 10866
Ion Ratio Lower Upper
248 100
250 189.0 81.1 121.7#
141 415.1 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057819.D
Acq: 22 Jun 2023 22:21

Tgt Ion:240 Resp: 246630
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 27.1 20.6 30.8





#79

Terphenyl-d14

Concen: 65.454 ng

RT: 19.916 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG057819.D

Acq: 22 Jun 2023 22:21

Instrument :

BNA_G

ClientSampleId :

SB-4

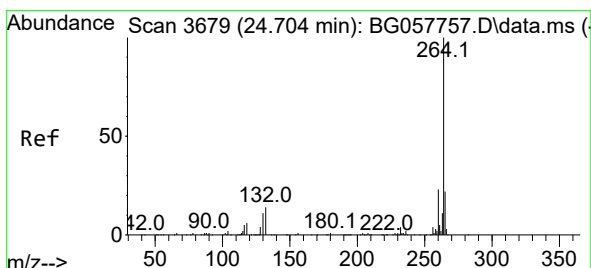
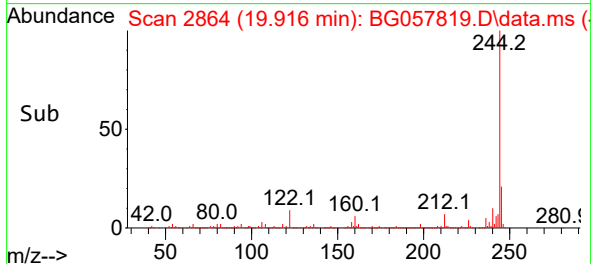
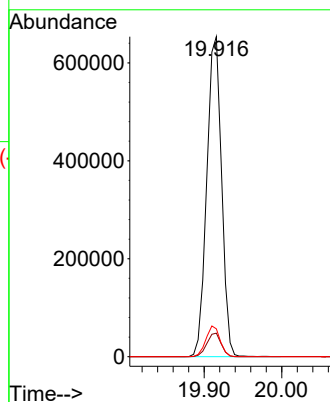
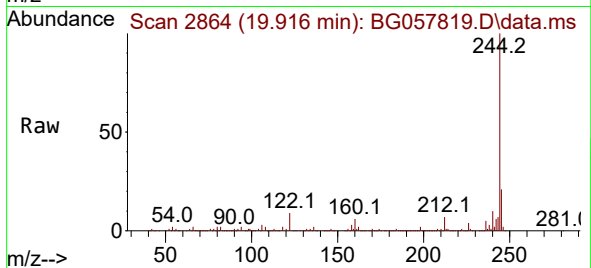
Tgt Ion:244 Resp: 865725

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.698 min Scan# 3678

Delta R.T. -0.005 min

Lab File: BG057819.D

Acq: 22 Jun 2023 22:21

Tgt Ion:264 Resp: 299552

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.3 17.4 26.2

