

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057828.D
 Acq On : 23 Jun 2023 4:36
 Operator : CG/JU
 Sample : 03320-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-16

Quant Time: Jun 23 06:04:54 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)

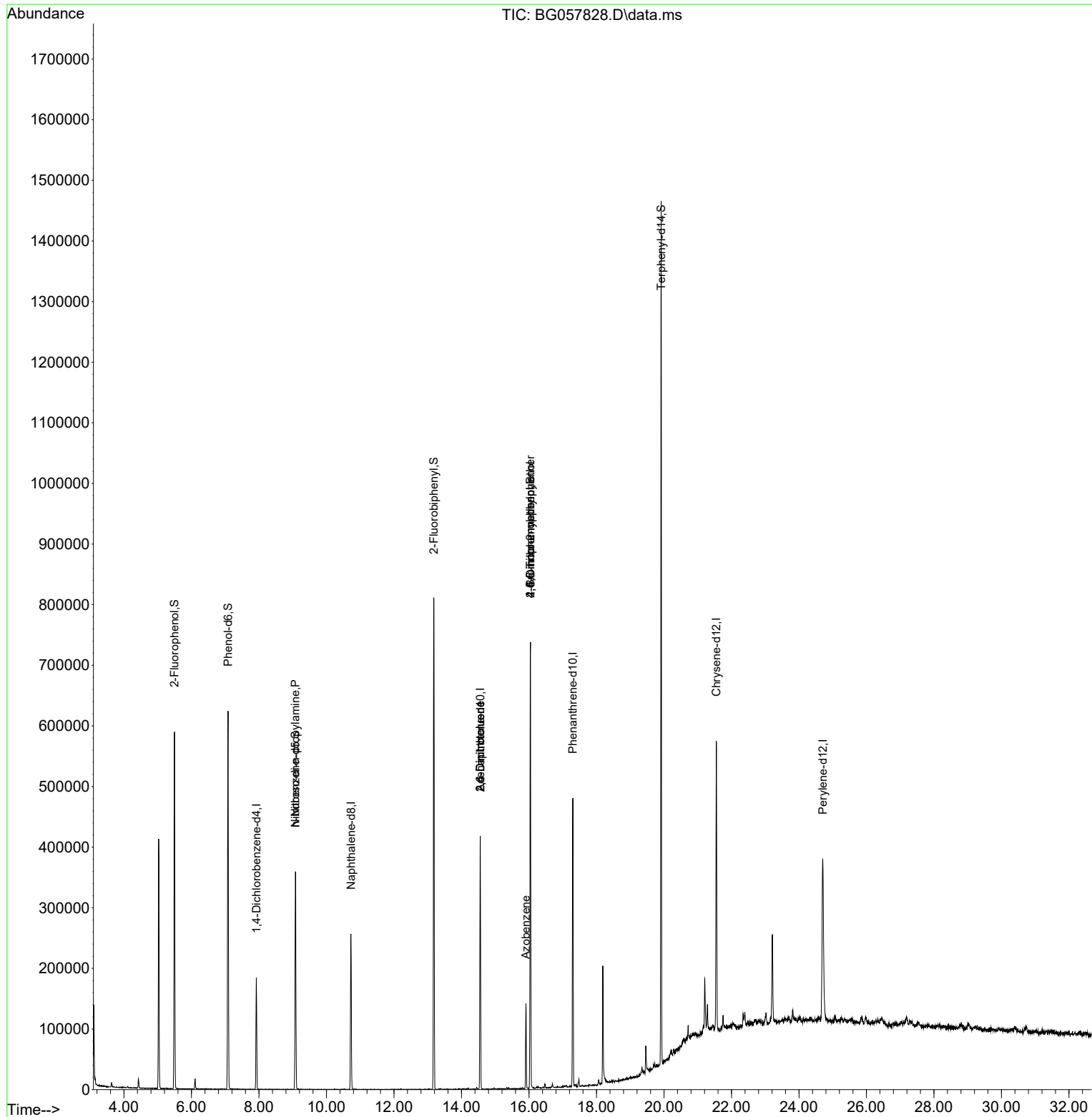
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	50229	20.000	ng	0.00
21) Naphthalene-d8	10.727	136	219843	20.000	ng	0.00
39) Acenaphthene-d10	14.558	164	145320	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	316964	20.000	ng	0.00
76) Chrysene-d12	21.549	240	271605	20.000	ng	-0.01
86) Perylene-d12	24.704	264	337202	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	253203	77.727	ng	0.00
7) Phenol-d6	7.084	99	369615	74.360	ng	0.00
23) Nitrobenzene-d5	9.082	82	217222	50.712	ng	-0.01
42) 2,4,6-Tribromophenol	16.044	330	158771	78.433	ng	0.00
45) 2-Fluorobiphenyl	13.183	172	447291	46.685	ng	0.00
79) Terphenyl-d14	19.916	244	705714	48.450	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.082	70	26938	7.773	ng	# 77
51) 2,6-Dinitrotoluene	14.558	165	18466	8.984	ng	# 19
57) 2,4-Dinitrotoluene	14.558	165	18466	6.625	ng	# 19
63) Azobenzene	15.909	77	39442	3.367	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.044	198	266	5.474	ng	# 1
67) 4-Bromophenyl-phenylether	16.044	248	10144	3.018	ng	# 1

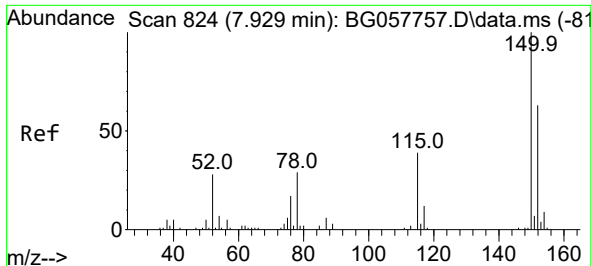
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
Data File : BG057828.D
Acq On : 23 Jun 2023 4:36
Operator : CG/JU
Sample : 03320-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-16

Quant Time: Jun 23 06:04:54 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

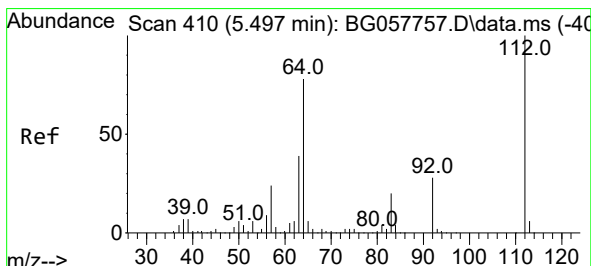
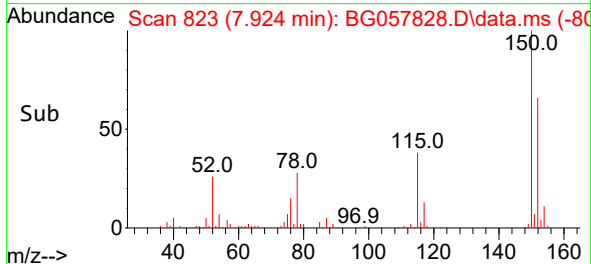
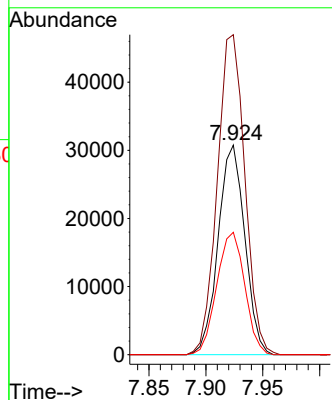
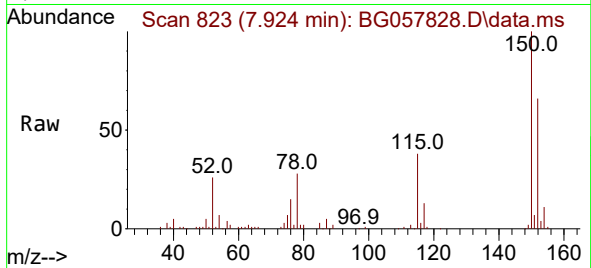




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.924 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

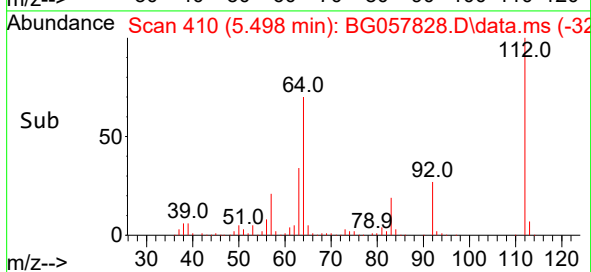
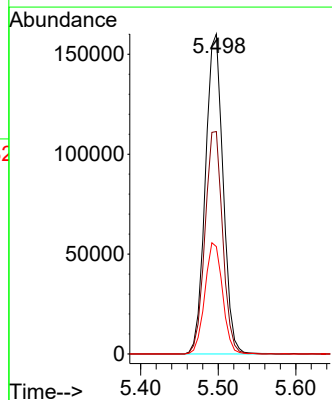
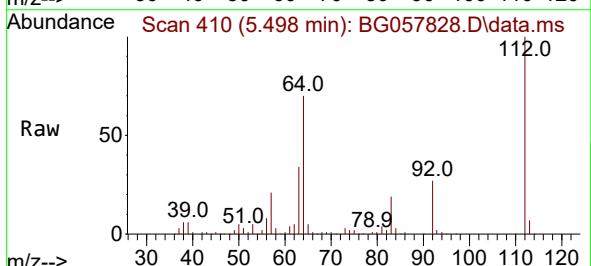
Instrument :
BNA_G
ClientSampleId :
WC-16

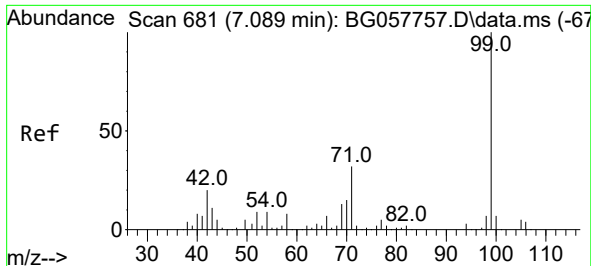
Tgt Ion:152 Resp: 50229
Ion Ratio Lower Upper
152 100
150 152.6 126.6 189.8
115 58.4 48.9 73.3



#5
2-Fluorophenol
Concen: 77.727 ng
RT: 5.498 min Scan# 410
Delta R.T. 0.001 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:112 Resp: 253203
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 33.6 31.5 47.3

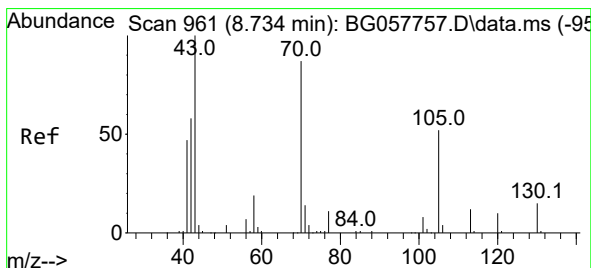
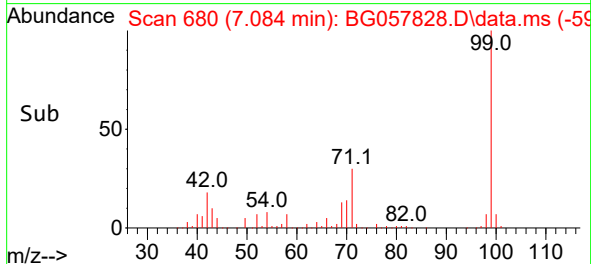
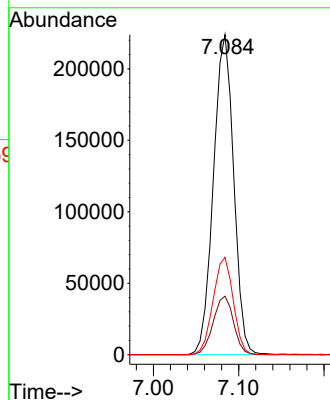
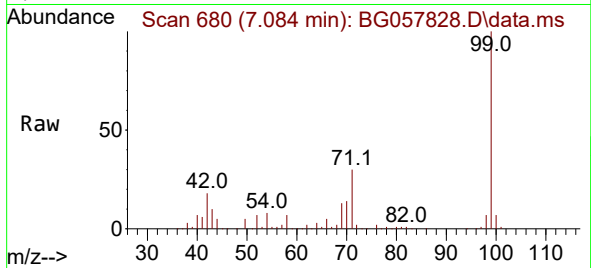




#7
Phenol-d6
Concen: 74.360 ng
RT: 7.084 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

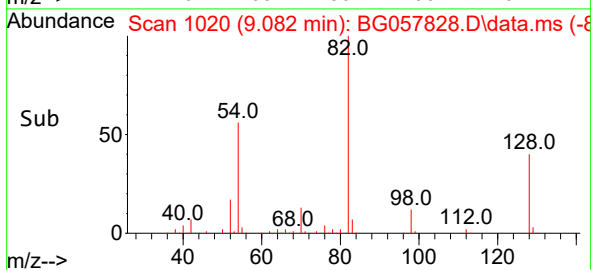
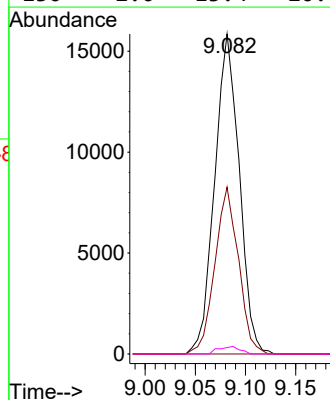
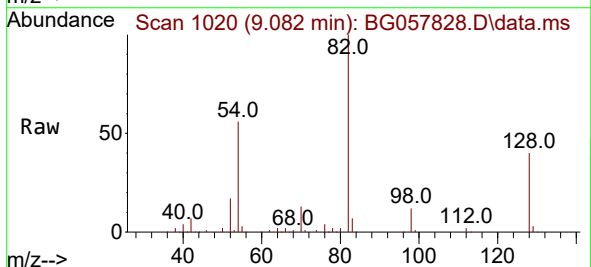
Instrument :
BNA_G
ClientSampleId :
WC-16

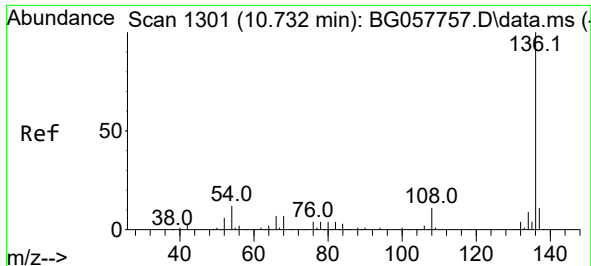
Tgt Ion: 99 Resp: 369615
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.4 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.773 ng
RT: 9.082 min Scan# 1020
Delta R.T. 0.348 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion: 70 Resp: 26938
Ion Ratio Lower Upper
70 100
42 52.1 54.2 81.2#
101 0.0 7.4 11.0#
130 2.0 13.4 20.0#

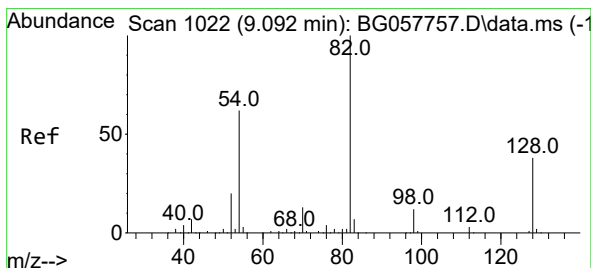
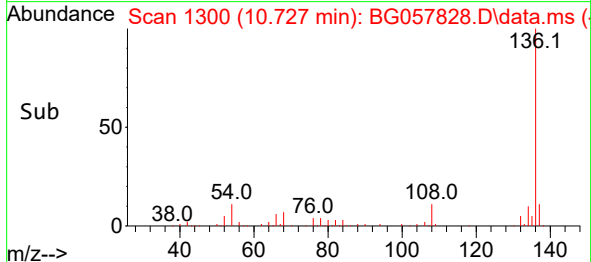
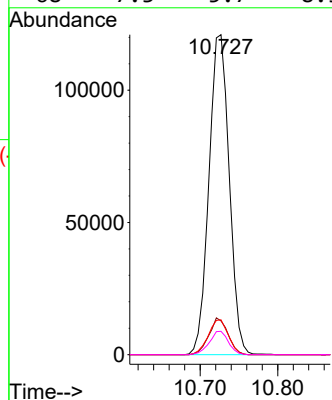
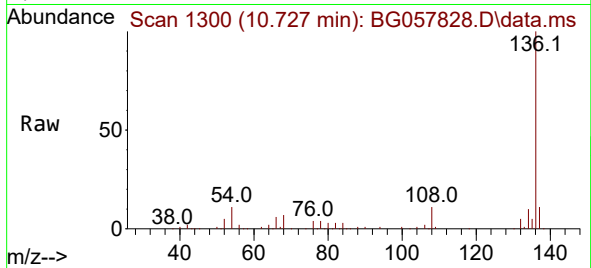




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.727 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

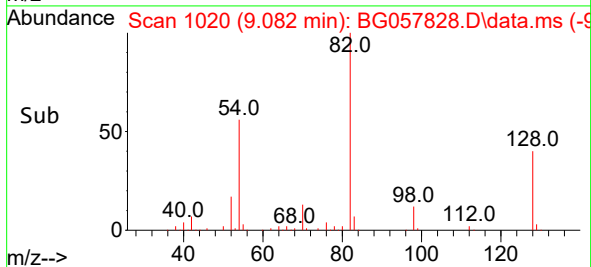
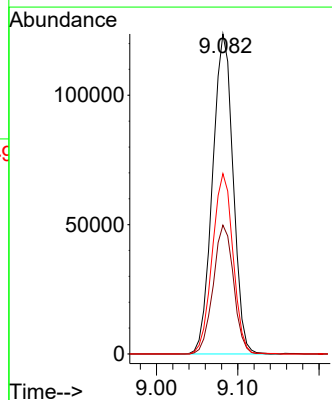
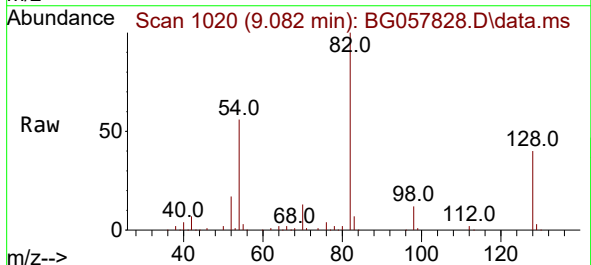
Instrument :
BNA_G
ClientSampleId :
WC-16

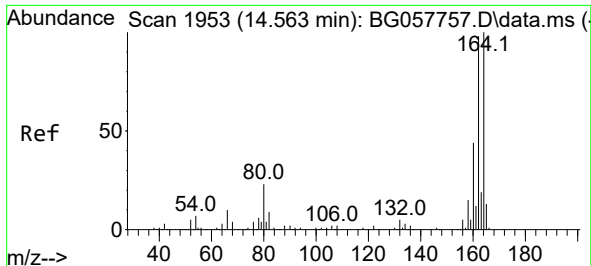
Tgt Ion:	136	Resp:	219843
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	10.9	9.5	14.3
68	7.3	5.7	8.5



#23
Nitrobenzene-d5
Concen: 50.712 ng
RT: 9.082 min Scan# 1020
Delta R.T. -0.011 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:	82	Resp:	217222
Ion Ratio	Lower	Upper	
82	100		
128	40.3	30.7	46.1
54	56.4	49.6	74.4

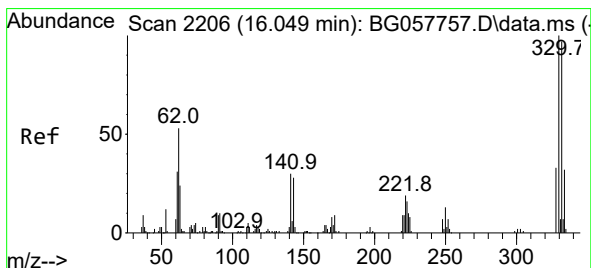
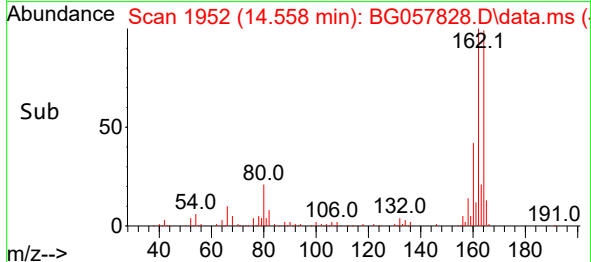
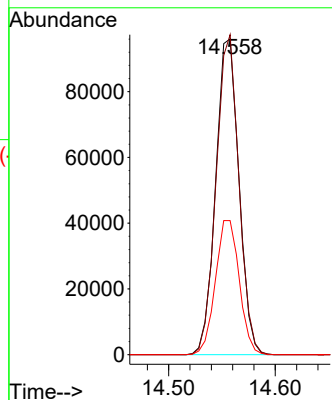
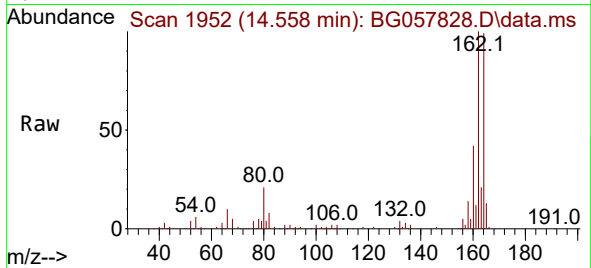




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.558 min Scan# 1952
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

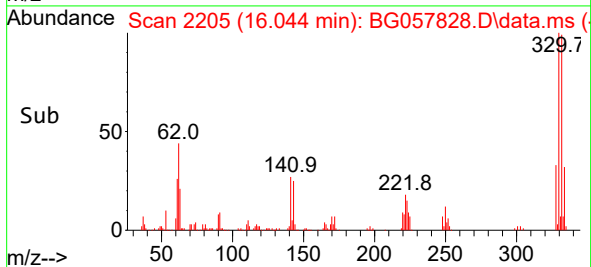
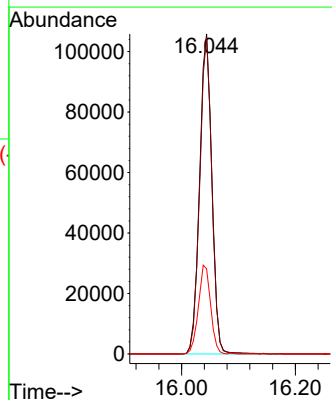
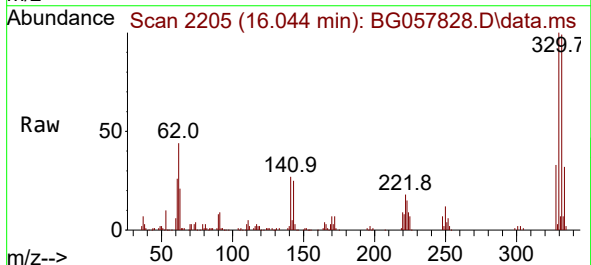
Instrument :
BNA_G
ClientSampleId :
WC-16

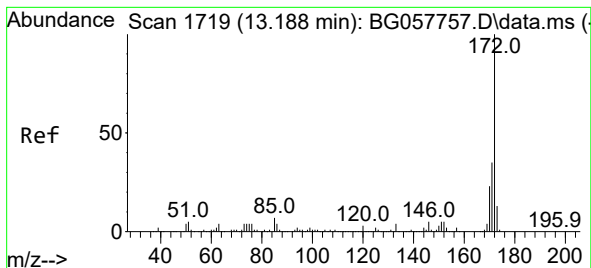
Tgt Ion:164 Resp: 145320
Ion Ratio Lower Upper
164 100
162 101.3 78.3 117.5
160 42.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 78.433 ng
RT: 16.044 min Scan# 2205
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:330 Resp: 158771
Ion Ratio Lower Upper
330 100
332 97.8 76.6 115.0
141 27.6 24.7 37.1

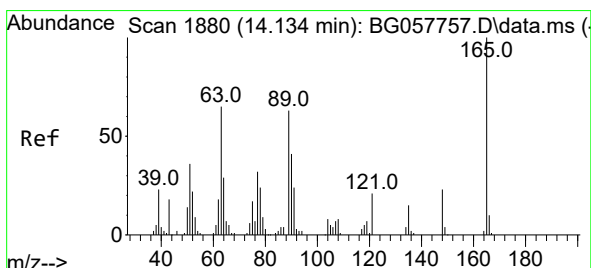
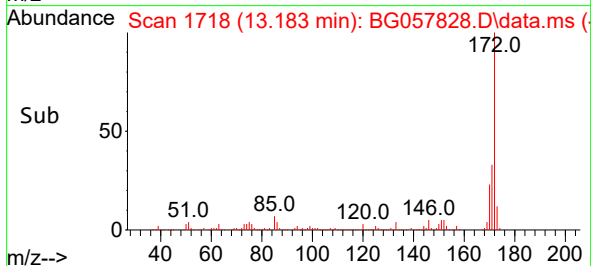
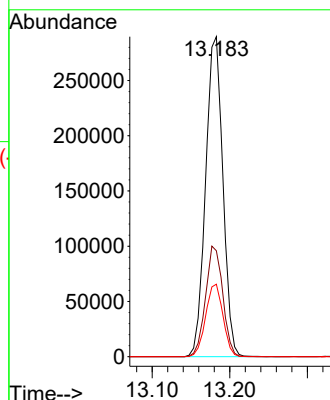
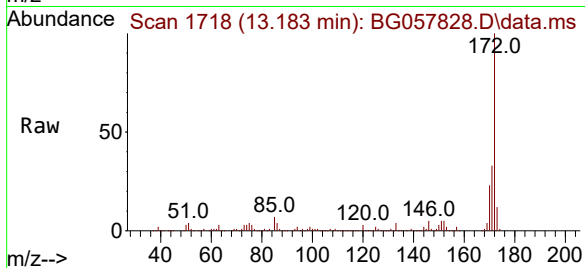




#45
2-Fluorobiphenyl
Concen: 46.685 ng
RT: 13.183 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

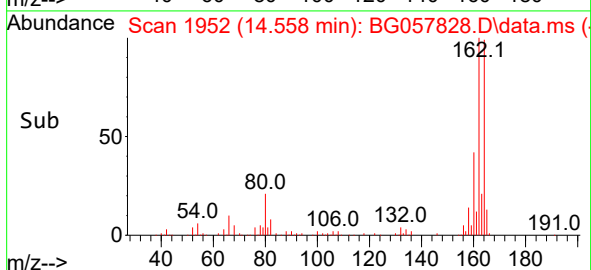
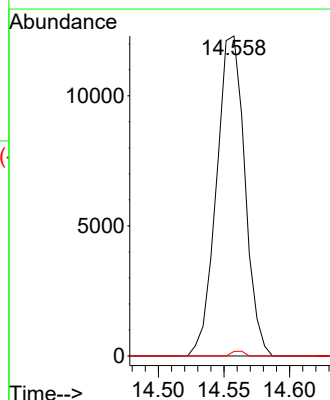
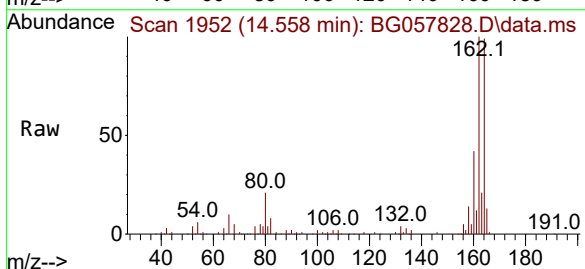
Instrument :
BNA_G
ClientSampleId :
WC-16

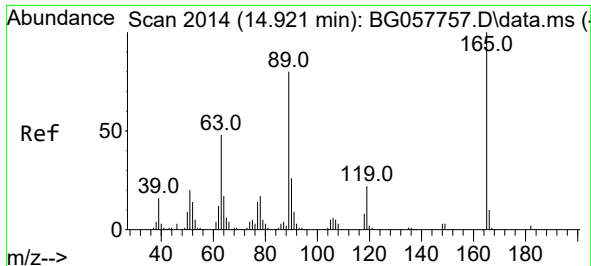
Tgt Ion:172 Resp: 447291
Ion Ratio Lower Upper
172 100
171 33.1 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.984 ng
RT: 14.558 min Scan# 1952
Delta R.T. 0.424 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:165 Resp: 18466
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 1.4 50.7 76.1#





#57

2,4-Dinitrotoluene

Concen: 6.625 ng

RT: 14.558 min Scan# 1952

Delta R.T. -0.363 min

Lab File: BG057828.D

Acq: 23 Jun 2023 4:36

Instrument :

BNA_G

ClientSampleId :

WC-16

Tgt Ion:165 Resp: 18466

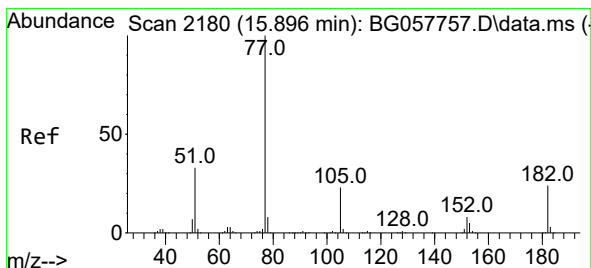
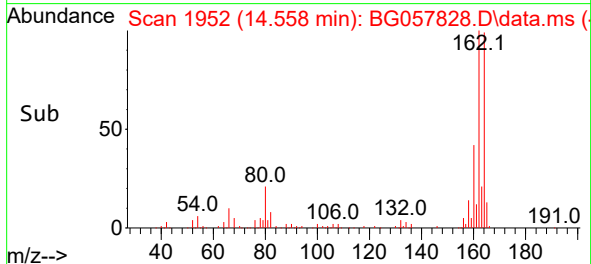
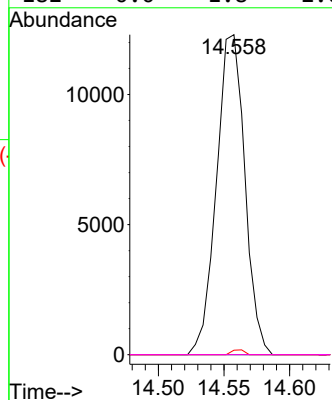
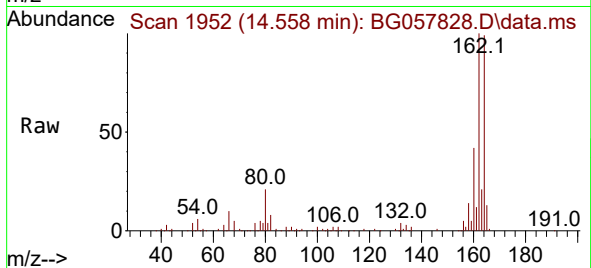
Ion Ratio Lower Upper

165 100

63 0.0 38.6 58.0#

89 1.4 63.7 95.5#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 3.367 ng

RT: 15.909 min Scan# 2182

Delta R.T. 0.013 min

Lab File: BG057828.D

Acq: 23 Jun 2023 4:36

Tgt Ion: 77 Resp: 39442

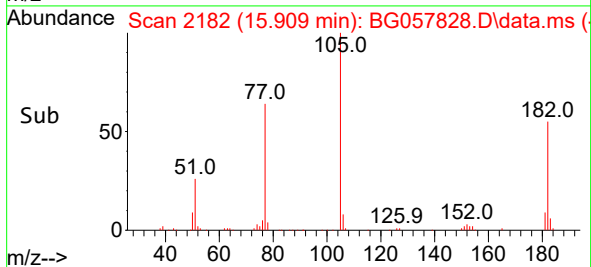
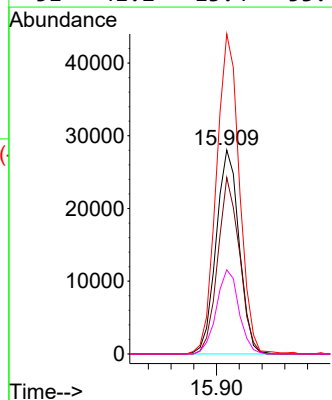
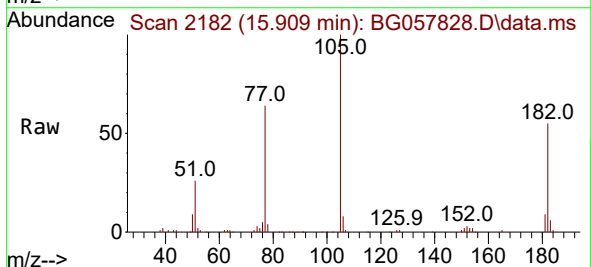
Ion Ratio Lower Upper

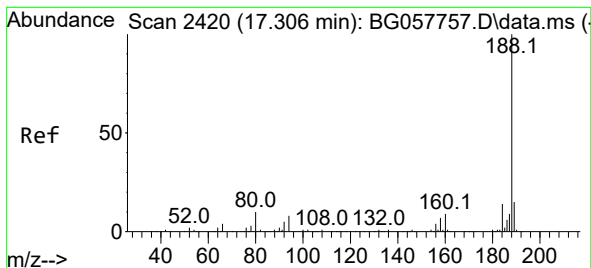
77 100

182 86.5 4.1 44.1#

105 156.8 3.3 43.3#

51 41.2 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.301 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG057828.D

Acq: 23 Jun 2023 4:36

Instrument :

BNA_G

ClientSampleId :

WC-16

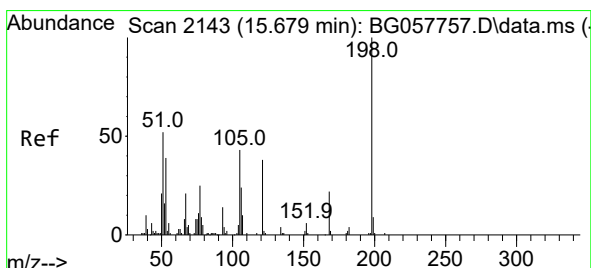
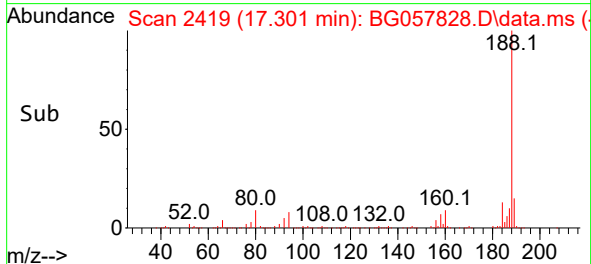
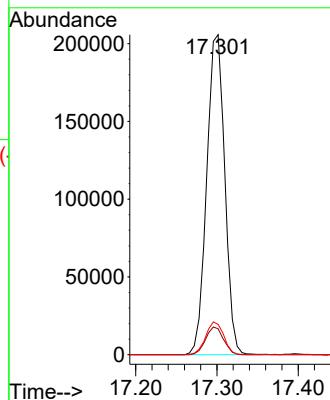
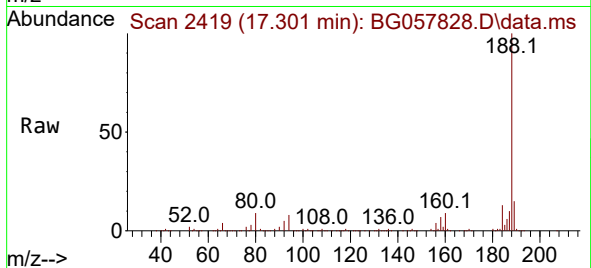
Tgt Ion:188 Resp: 316964

Ion Ratio Lower Upper

188 100

94 8.1 6.6 9.8

80 9.5 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.474 ng

RT: 16.044 min Scan# 2205

Delta R.T. 0.365 min

Lab File: BG057828.D

Acq: 23 Jun 2023 4:36

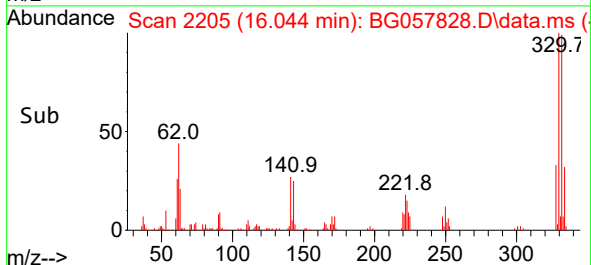
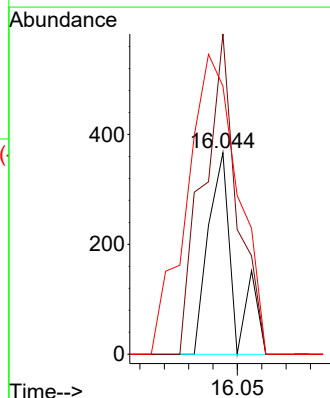
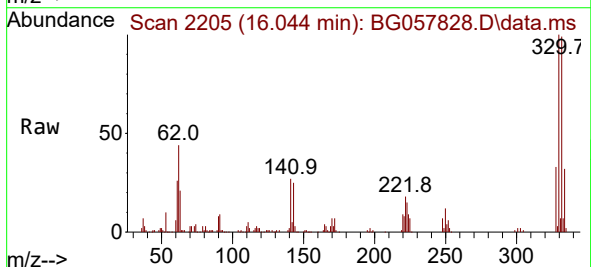
Tgt Ion:198 Resp: 266

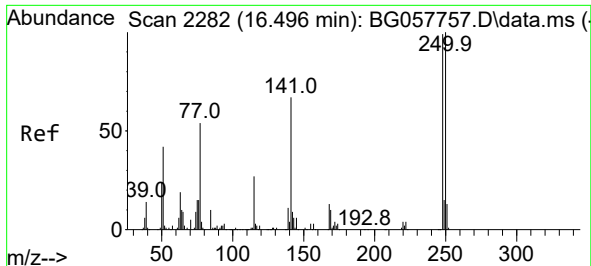
Ion Ratio Lower Upper

198 100

51 158.9 36.6 76.6#

105 133.0 24.3 64.3#

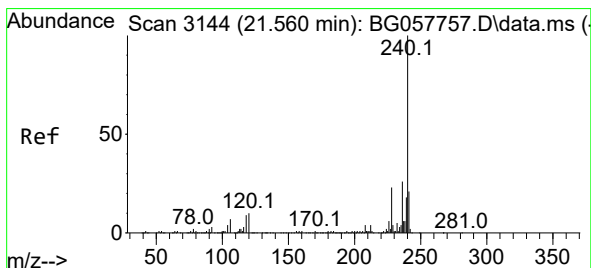
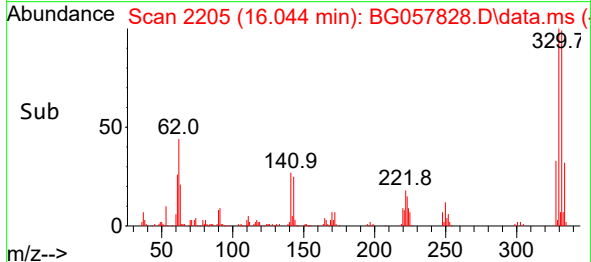
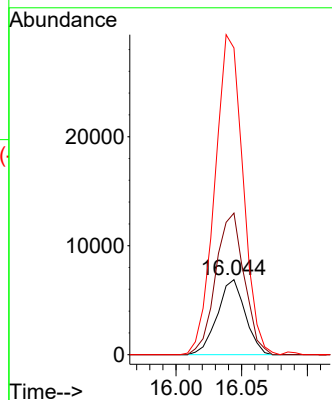
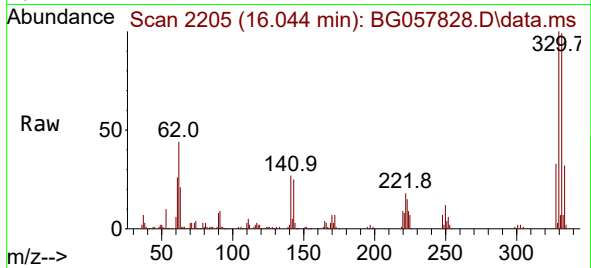




#67
4-Bromophenyl-phenylether
Concen: 3.018 ng
RT: 16.044 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

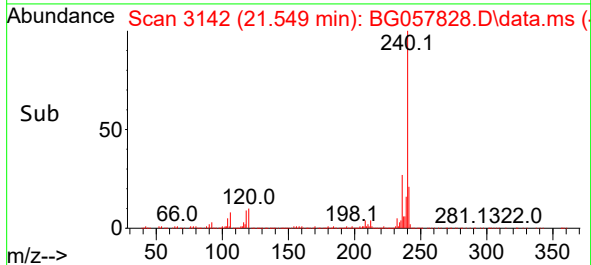
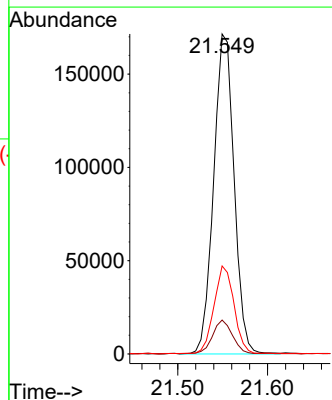
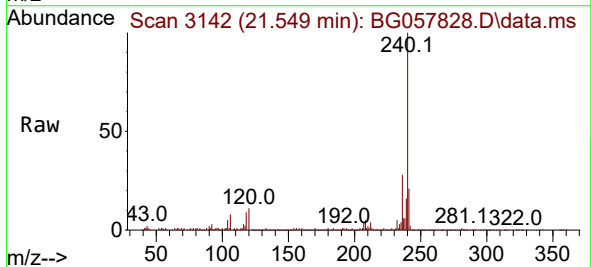
Instrument :
BNA_G
ClientSampleId :
WC-16

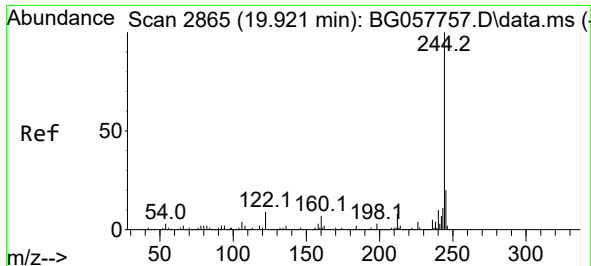
Tgt Ion:248 Resp: 10144
Ion Ratio Lower Upper
248 100
250 188.8 81.1 121.7#
141 409.0 54.6 81.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.549 min Scan# 3142
Delta R.T. -0.011 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:240 Resp: 271605
Ion Ratio Lower Upper
240 100
120 10.6 8.1 12.1
236 27.5 20.6 30.8

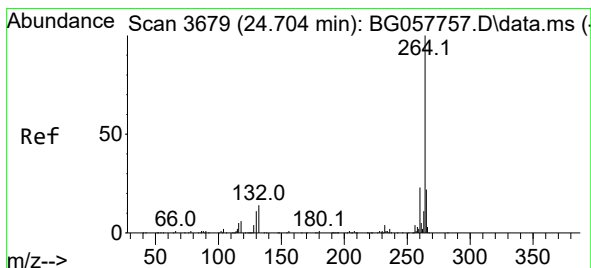
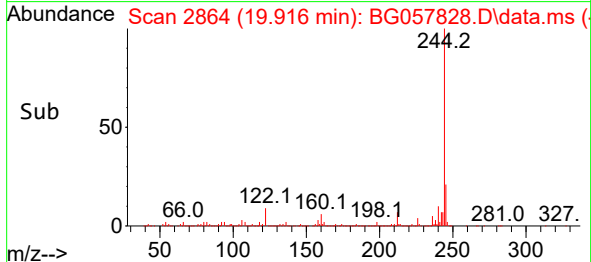
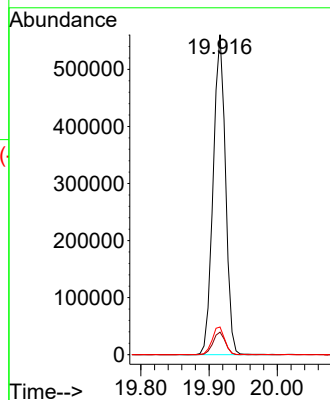
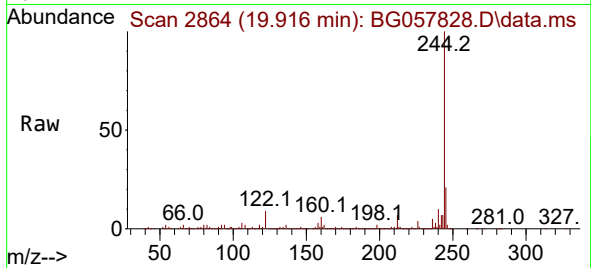




#79
Terphenyl-d14
Concen: 48.450 ng
RT: 19.916 min Scan# 2864
Delta R.T. -0.005 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Instrument :
BNA_G
ClientSampleId :
WC-16

Tgt Ion:244 Resp: 705714
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 8.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.704 min Scan# 3679
Delta R.T. 0.001 min
Lab File: BG057828.D
Acq: 23 Jun 2023 4:36

Tgt Ion:264 Resp: 337202
Ion Ratio Lower Upper
264 100
260 22.1 18.5 27.7
265 21.0 17.4 26.2

