

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
 Data File : BG056612.D
 Acq On : 10 Feb 2023 19:22
 Operator : CG/JU
 Sample : 01329-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-6-BORING-2-7-14

Quant Time: Feb 10 22:50:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 10 22:46:08 2023
 Response via : Initial Calibration

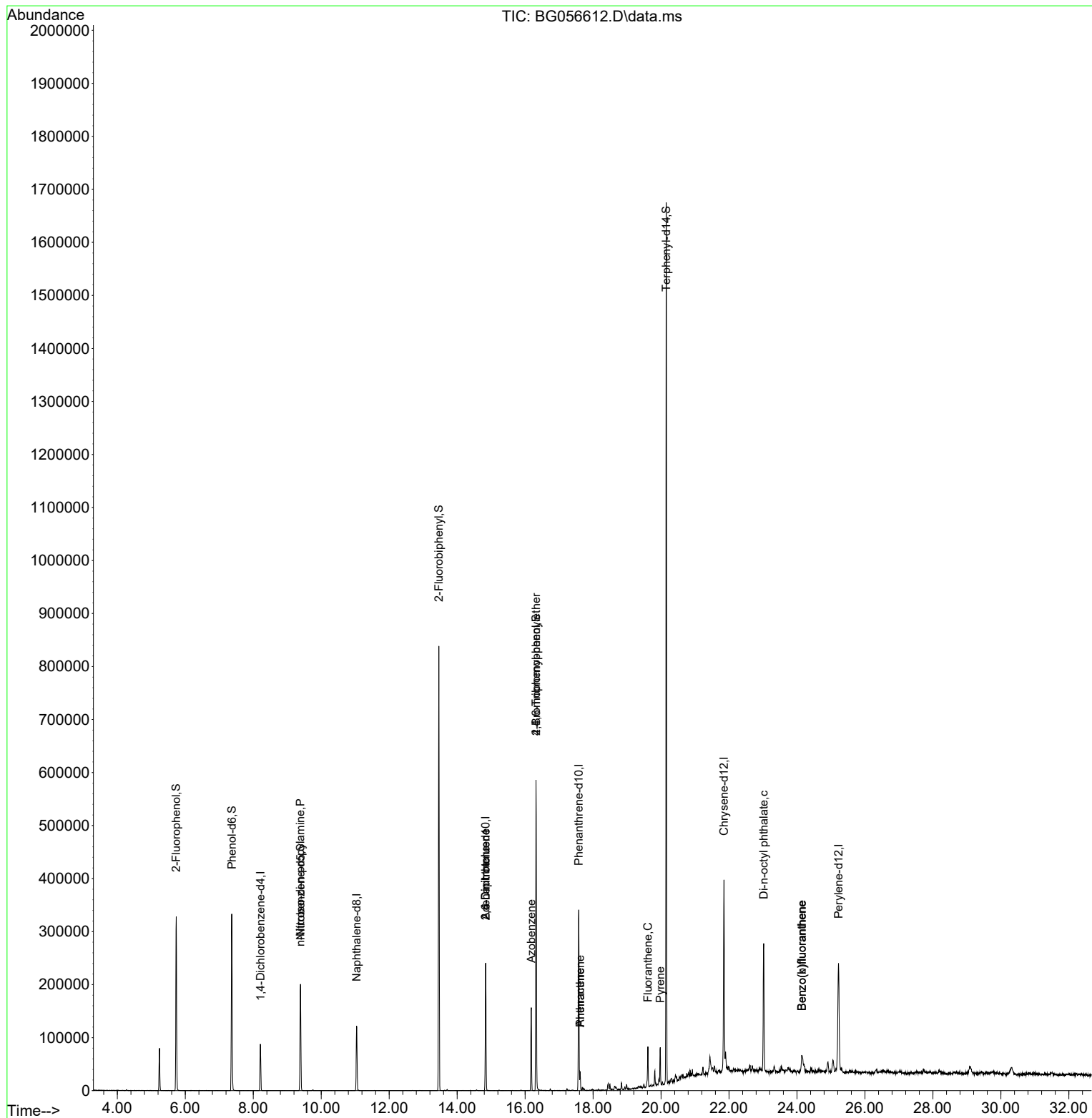
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	31300	20.000	ng	0.00
21) Naphthalene-d8	11.040	136	119048	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	95363	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	241111	20.000	ng	0.00
76) Chrysene-d12	21.851	240	224020	20.000	ng	-0.01
86) Perylene-d12	25.223	264	243366	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	187731	110.334	ng	0.00
7) Phenol-d6	7.368	99	257593	102.178	ng	0.00
23) Nitrobenzene-d5	9.389	82	142725	68.079	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	127715	100.738	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	478235	69.528	ng	0.00
79) Terphenyl-d14	20.153	244	893330	70.039	ng	0.00
Target Compounds						
9) Benzaldehyde	7.362	77	298	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	9.383	70	16997	11.699	ng	# 74
51) 2,6-Dinitrotoluene	14.836	165	12695	7.545	ng	# 38
57) 2,4-Dinitrotoluene	14.836	165	12695	5.357	ng	# 37
63) Azobenzene	16.181	77	39726	7.969	ng	# 1
67) 4-Bromophenyl-phenylether	16.322	248	10184	3.299	ng	# 1
71) Phenanthrene	17.620	178	26069	2.066	ng	95
72) Anthracene	17.620	178	26069	2.012	ng	98
75) Fluoranthene	19.612	202	49441	3.104	ng	97
78) Pyrene	19.977	202	47326	2.970	ng	97
85) Di-n-octyl phthalate	23.020	149	52064	4.481	ng	# 45
88) Benzo(b)fluoranthene	24.142	252	37348	2.472	ng	98
89) Benzo(k)fluoranthene	24.142	252	37348	2.449	ng	# 99

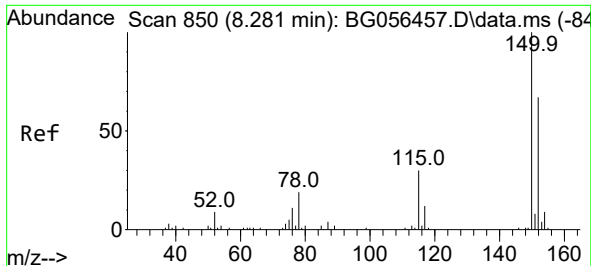
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
Data File : BG056612.D
Acq On : 10 Feb 2023 19:22
Operator : CG/JU
Sample : 01329-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

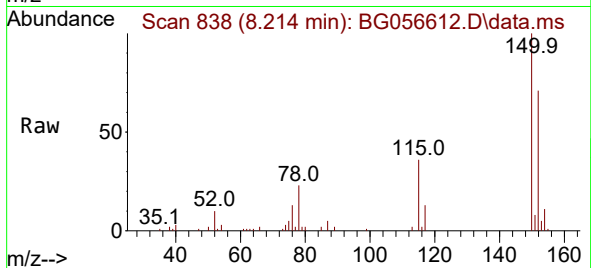
Quant Time: Feb 10 22:50:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration



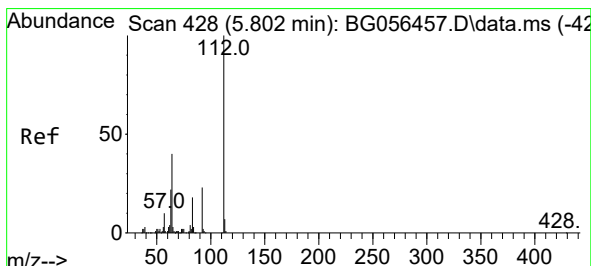
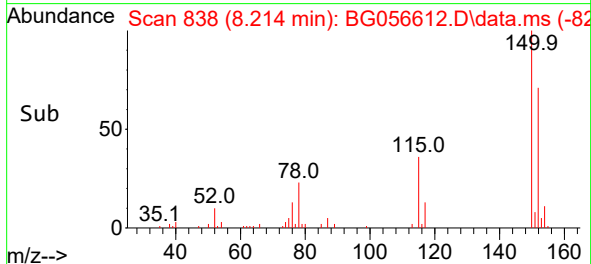
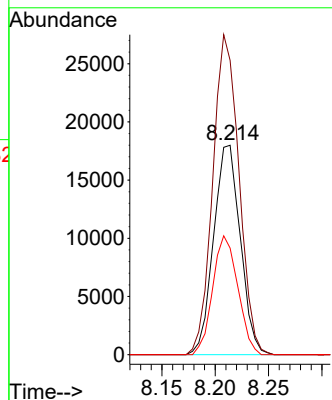


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

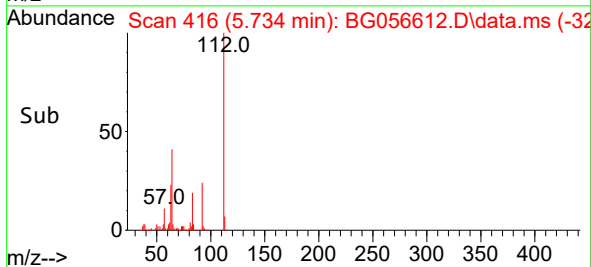
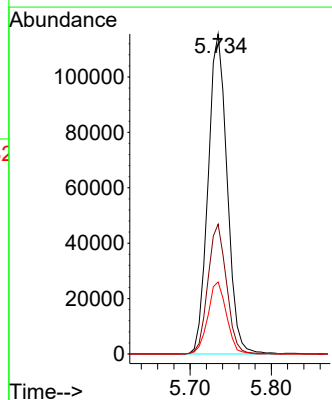
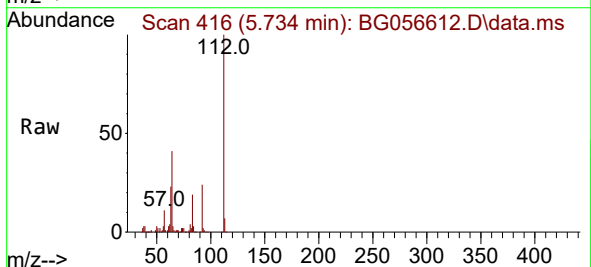


Tgt Ion:152 Resp: 31300
Ion Ratio Lower Upper
152 100
150 140.5 120.2 180.4
115 50.9 36.3 54.5



#5
2-Fluorophenol
Concen: 110.334 ng
RT: 5.734 min Scan# 416
Delta R.T. 0.007 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:112 Resp: 187731
Ion Ratio Lower Upper
112 100
64 40.5 31.9 47.9
63 22.5 17.4 26.0

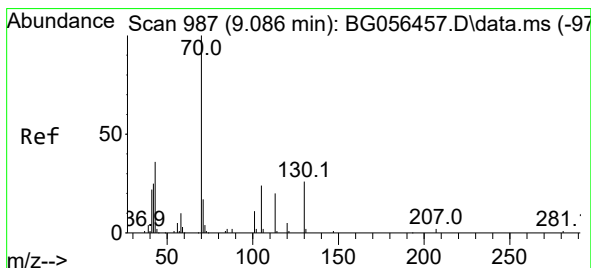
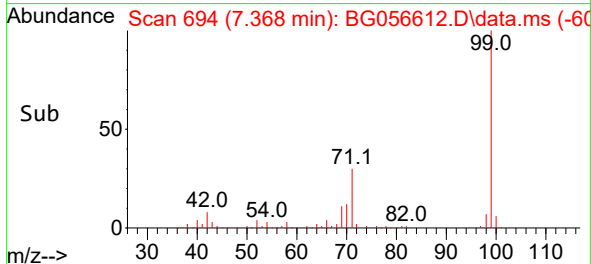
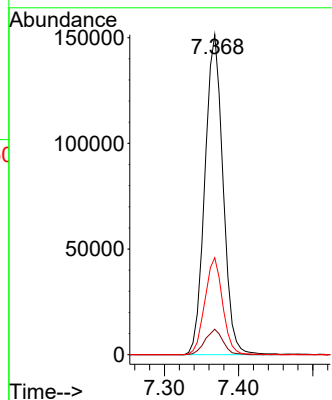
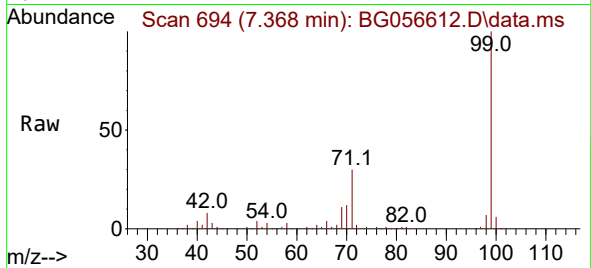




#7
Phenol-d6
Concen: 102.178 ng
RT: 7.368 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

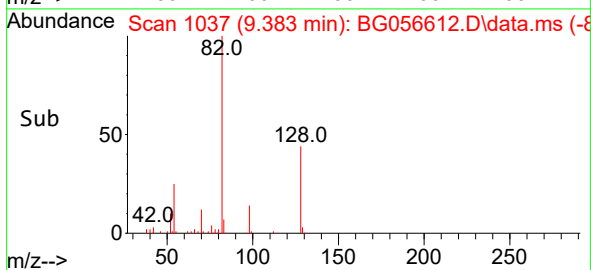
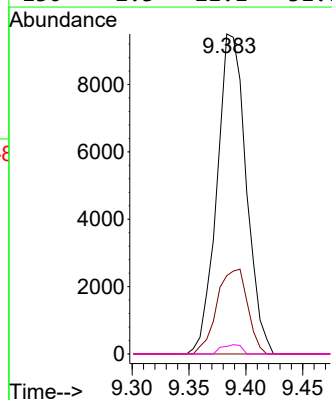
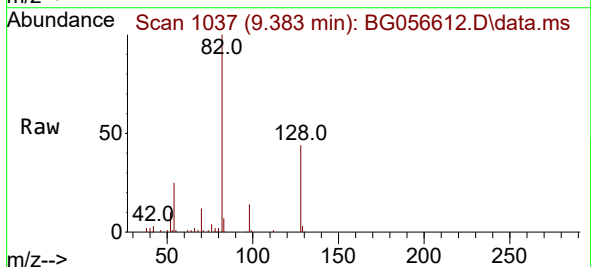
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

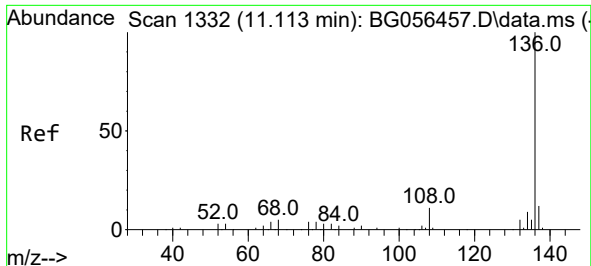
Tgt Ion: 99 Resp: 257593
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 30.3 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.699 ng
RT: 9.383 min Scan# 1037
Delta R.T. 0.365 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

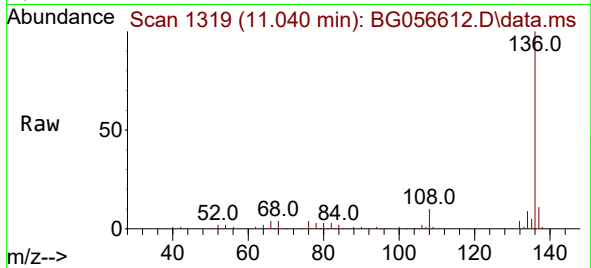
Tgt Ion: 70 Resp: 16997
Ion Ratio Lower Upper
70 100
42 24.5 20.2 30.4
101 0.0 9.1 13.7#
130 2.3 21.1 31.7#



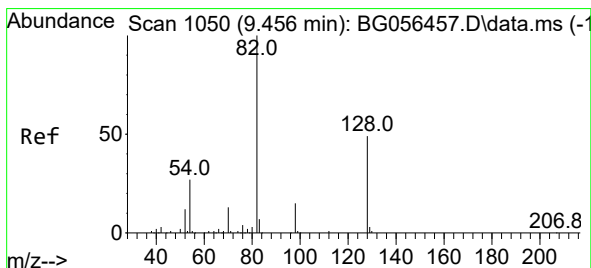
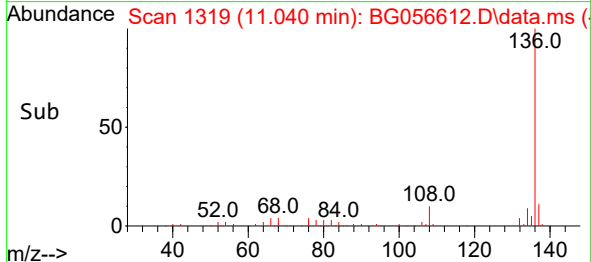
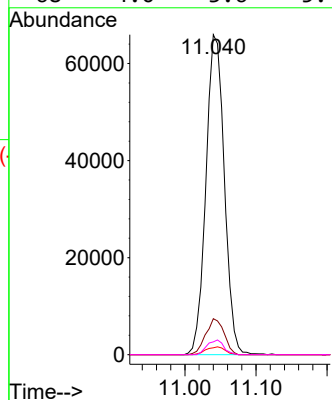


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.040 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

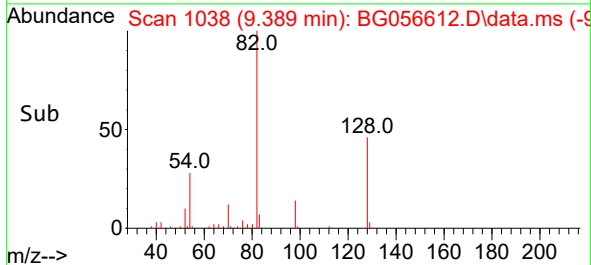
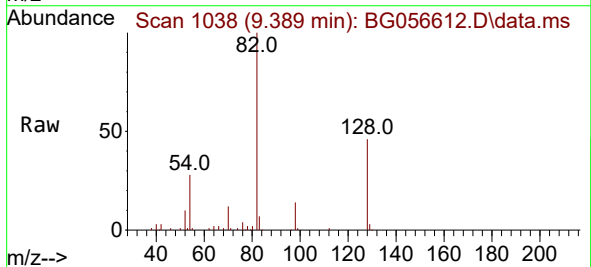
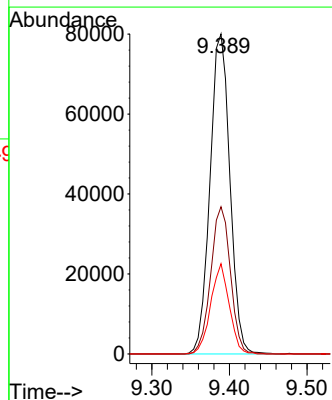


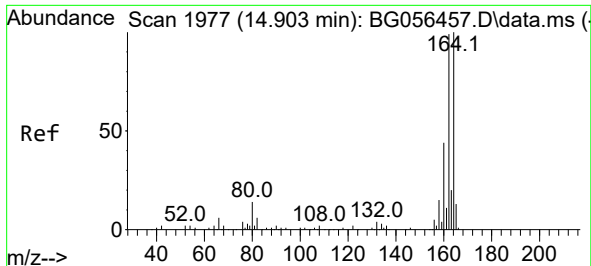
Tgt Ion:136 Resp: 119048
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.1 2.2 3.4#
68 4.0 3.6 5.4



#23
Nitrobenzene-d5
Concen: 68.079 ng
RT: 9.389 min Scan# 1038
Delta R.T. 0.001 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion: 82 Resp: 142725
Ion Ratio Lower Upper
82 100
128 46.0 39.4 59.2
54 28.2 21.4 32.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.836 min Scan# 1965

Delta R.T. -0.005 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

Instrument :

BNA_G

ClientSampleId :

COMP-6-BORING-2-7-14

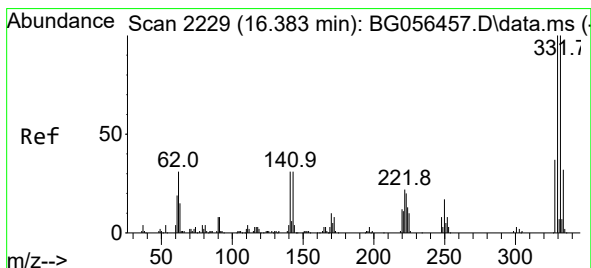
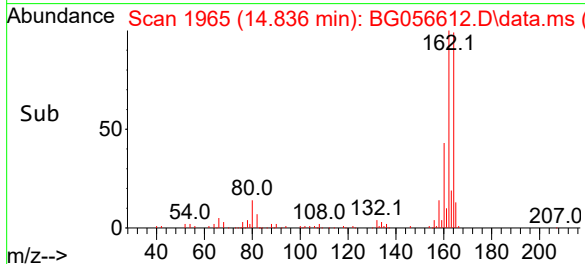
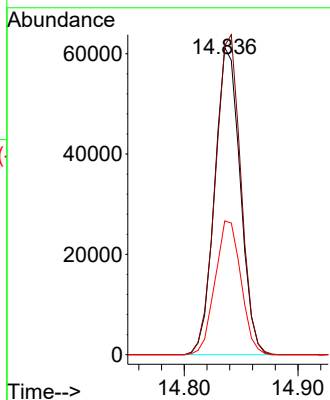
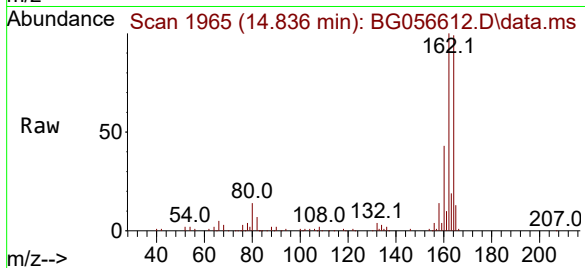
Tgt Ion:164 Resp: 95363

Ion Ratio Lower Upper

164 100

162 100.6 79.6 119.4

160 43.5 34.9 52.3



#42

2,4,6-Tribromophenol

Concen: 100.738 ng

RT: 16.322 min Scan# 2218

Delta R.T. -0.005 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

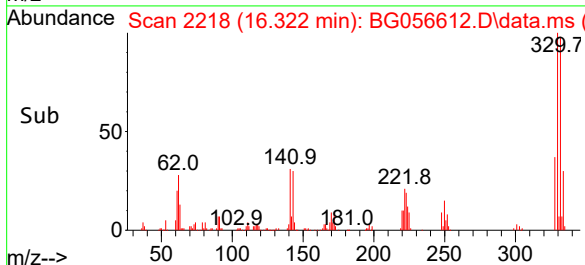
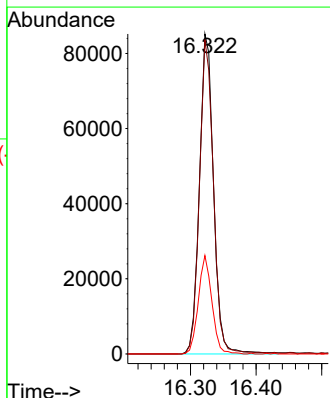
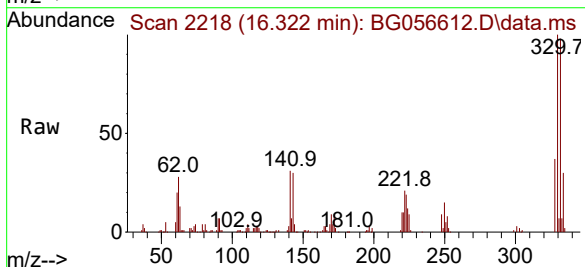
Tgt Ion:330 Resp: 127715

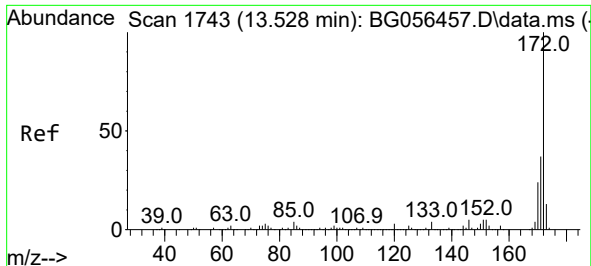
Ion Ratio Lower Upper

330 100

332 97.1 79.0 118.6

141 29.6 24.2 36.4

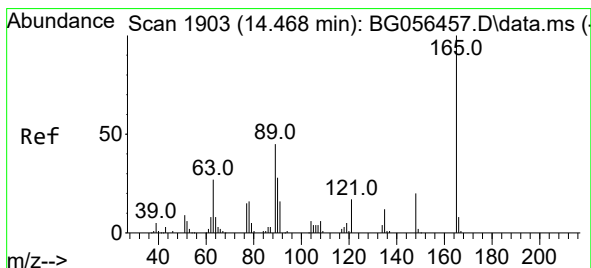
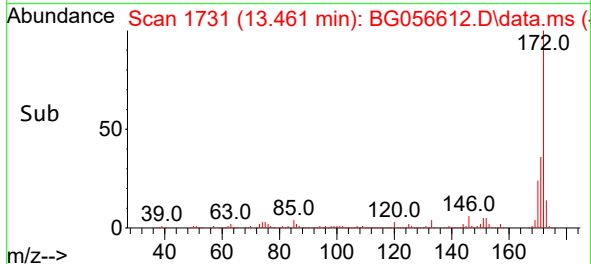
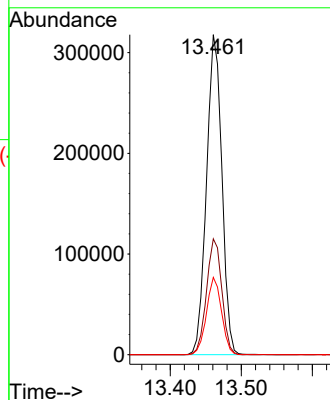
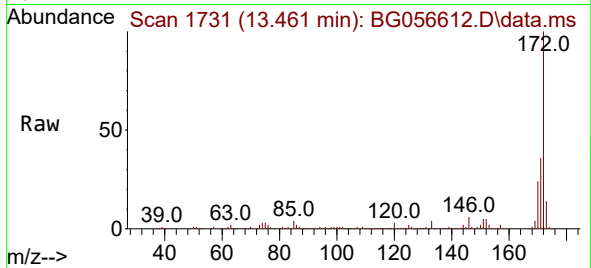




#45
2-Fluorobiphenyl
Concen: 69.528 ng
RT: 13.461 min Scan# 1731
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

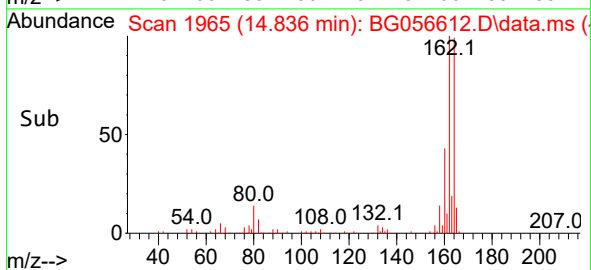
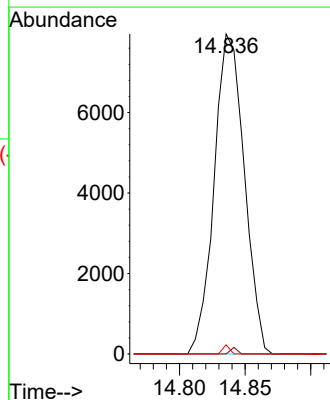
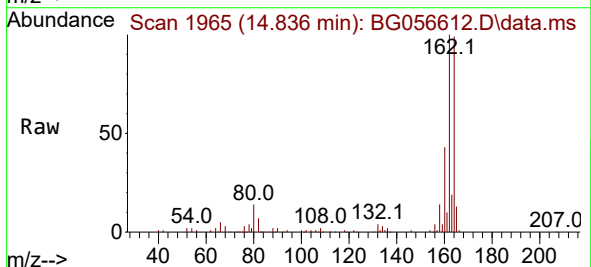
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

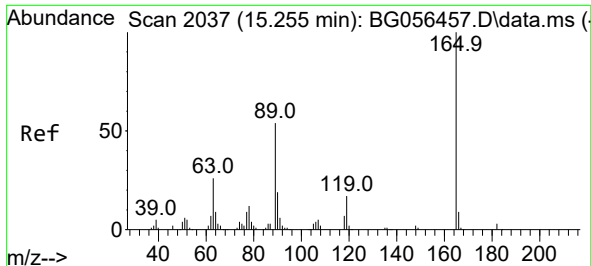
Tgt Ion:172 Resp: 478235
Ion Ratio Lower Upper
172 100
171 36.2 29.5 44.3
170 24.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.545 ng
RT: 14.836 min Scan# 1965
Delta R.T. 0.418 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:165 Resp: 12695
Ion Ratio Lower Upper
165 100
63 0.0 26.9 40.3#
89 2.9 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.357 ng

RT: 14.836 min Scan# 1965

Delta R.T. -0.369 min

Lab File: BG056612.D

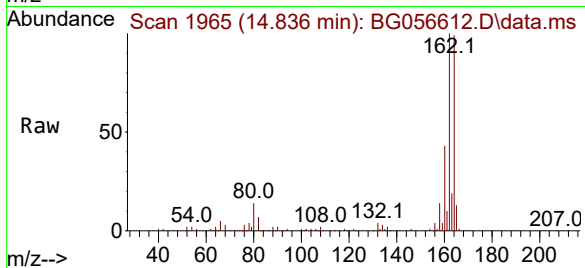
Acq: 10 Feb 2023 19:22

Instrument :

BNA_G

ClientSampleId :

COMP-6-BORING-2-7-14



Tgt Ion:165 Resp: 12695

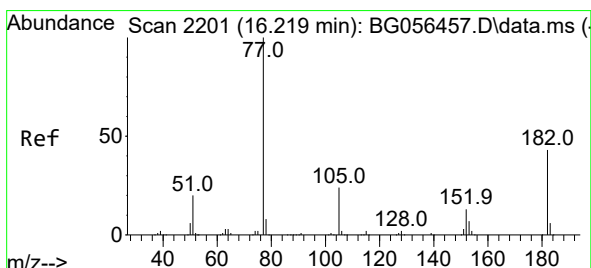
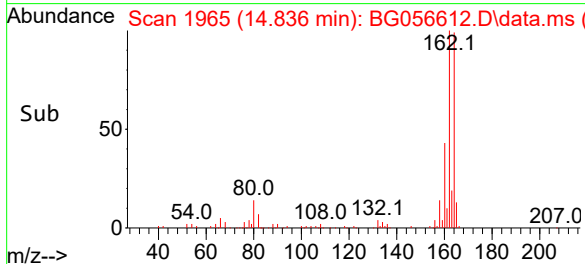
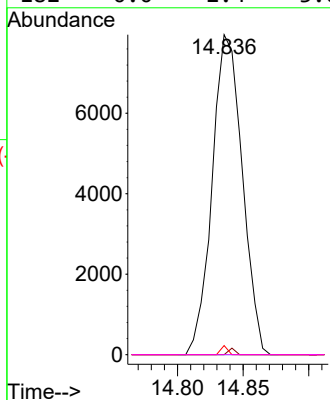
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 2.9 43.1 64.7#

182 0.0 2.4 3.6#



#63

Azobenzene

Concen: 7.969 ng

RT: 16.181 min Scan# 2194

Delta R.T. 0.024 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

Tgt Ion: 77 Resp: 39726

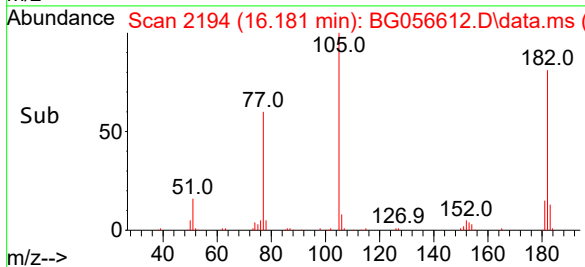
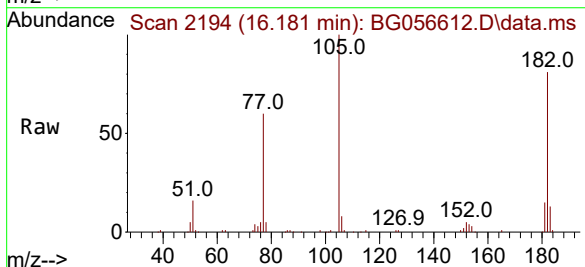
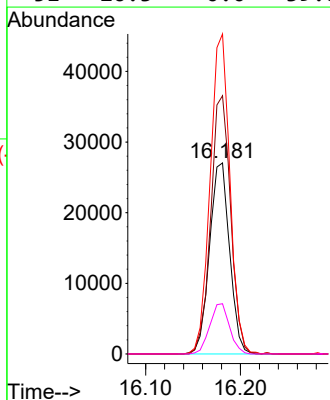
Ion Ratio Lower Upper

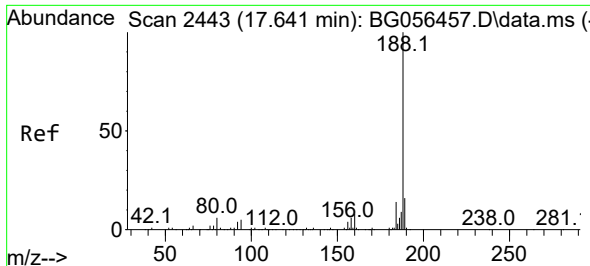
77 100

182 135.2 23.1 63.1#

105 167.5 4.2 44.2#

51 26.3 0.0 39.8

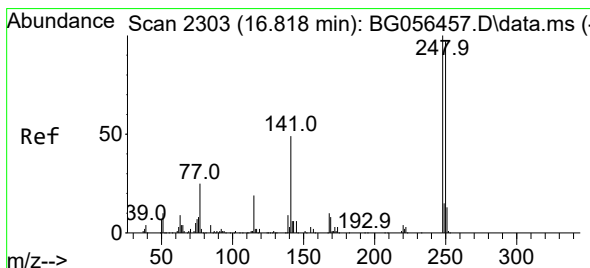
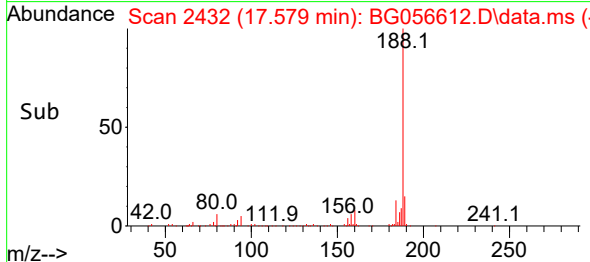
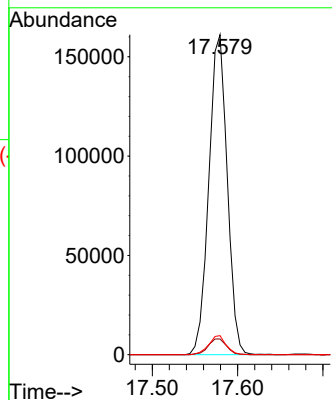
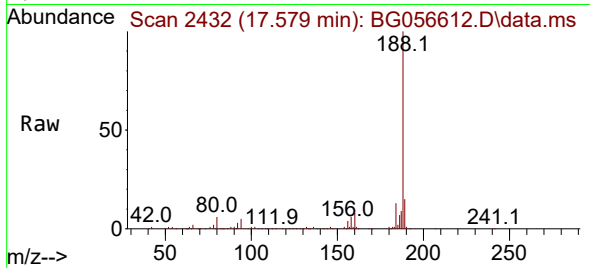




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2443
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

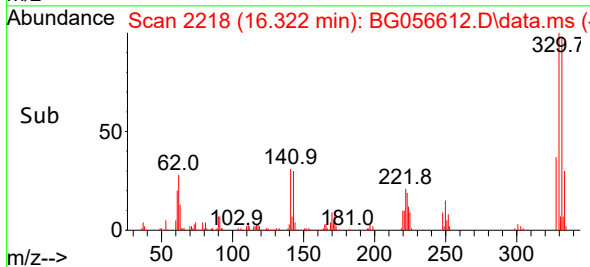
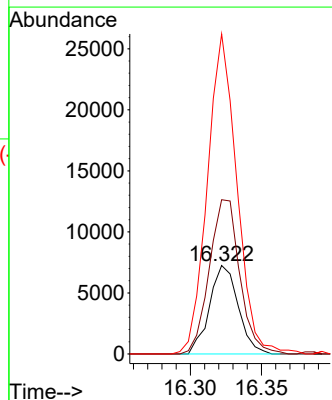
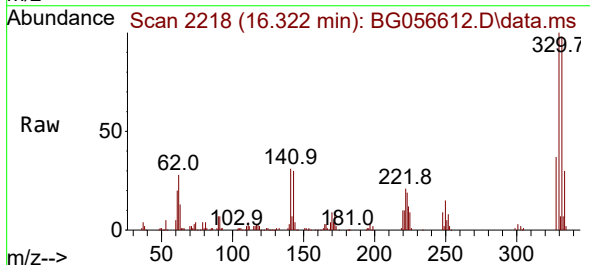
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

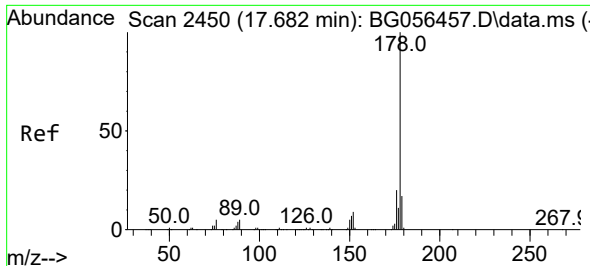
Tgt Ion:188 Resp: 241111
Ion Ratio Lower Upper
188 100
94 4.9 4.1 6.1
80 5.9 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.299 ng
RT: 16.322 min Scan# 2218
Delta R.T. -0.434 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:248 Resp: 10184
Ion Ratio Lower Upper
248 100
250 174.2 77.6 116.4#
141 361.3 39.0 58.4#

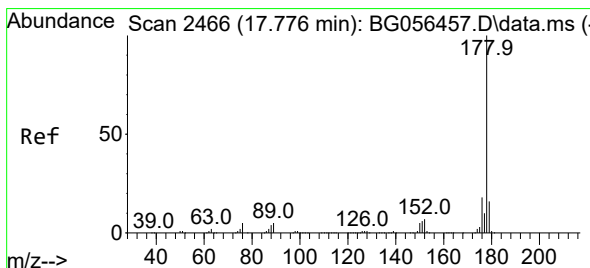
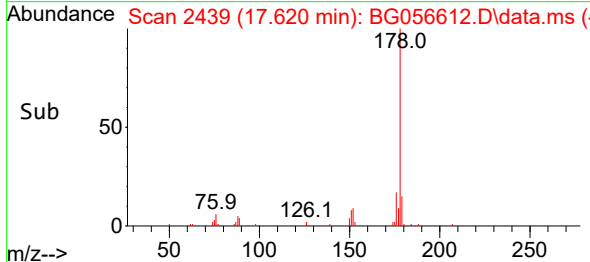
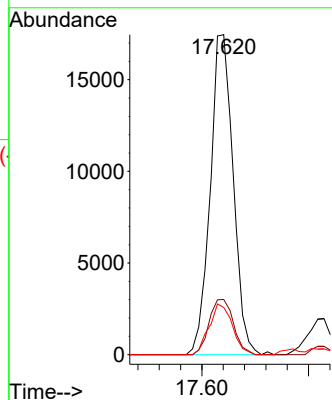
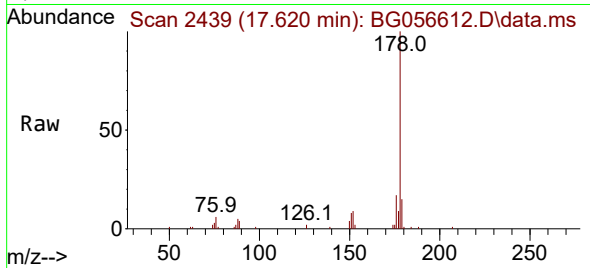




#71
Phenanthrene
Concen: 2.066 ng
RT: 17.620 min Scan# 2439
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

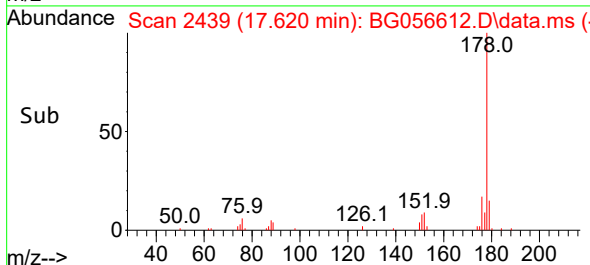
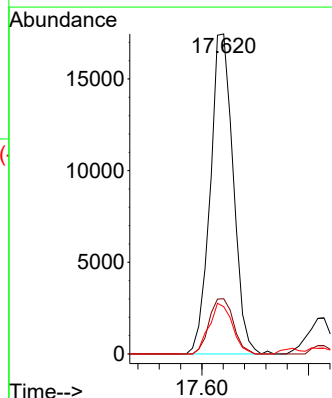
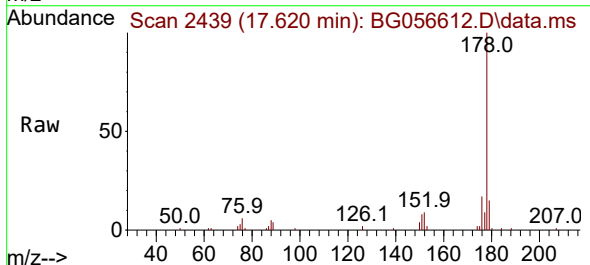
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

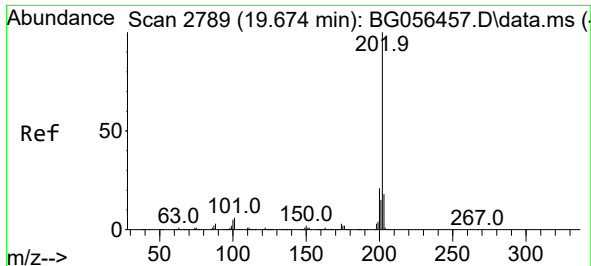
Tgt Ion:178	Resp:	26069
Ion Ratio	Lower	Upper
178	100	
176	17.3	15.6 23.4
179	14.7	13.3 19.9



#72
Anthracene
Concen: 2.012 ng
RT: 17.620 min Scan# 2439
Delta R.T. -0.093 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:178	Resp:	26069
Ion Ratio	Lower	Upper
178	100	
176	17.3	14.5 21.7
179	14.7	12.5 18.7

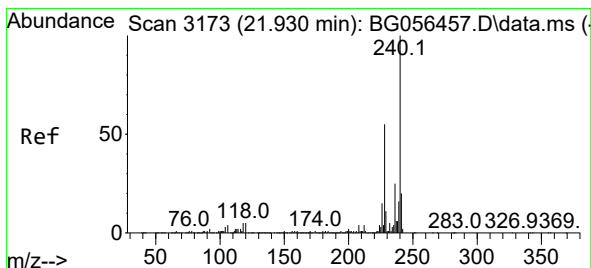
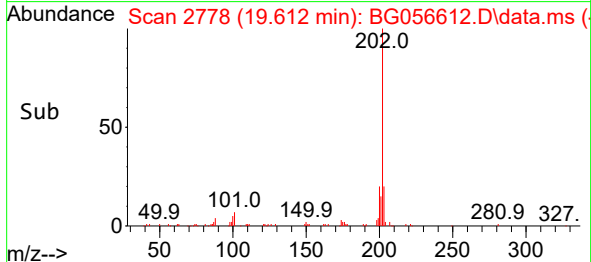
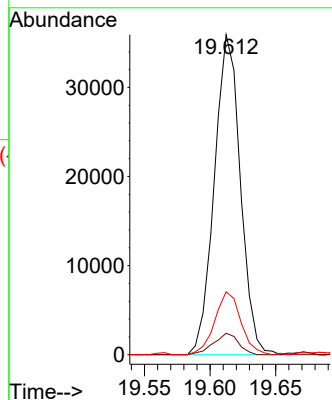
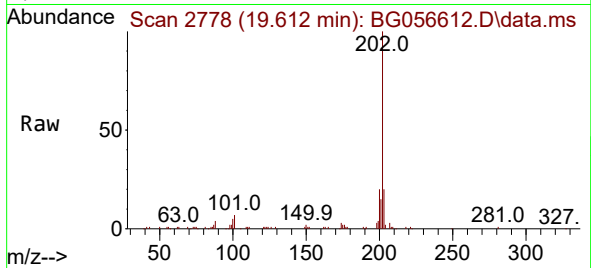




#75
Fluoranthene
Concen: 3.104 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

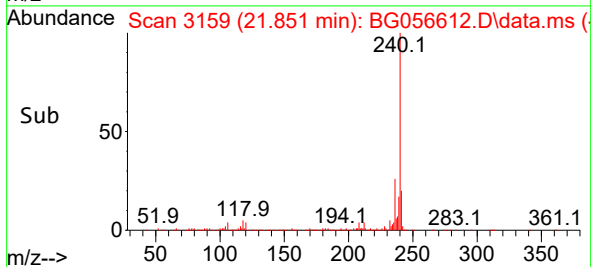
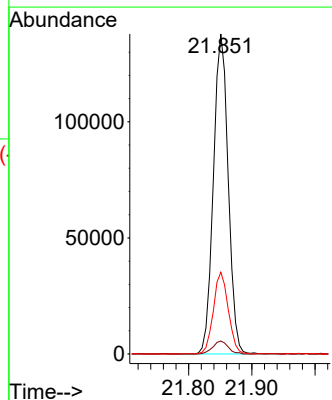
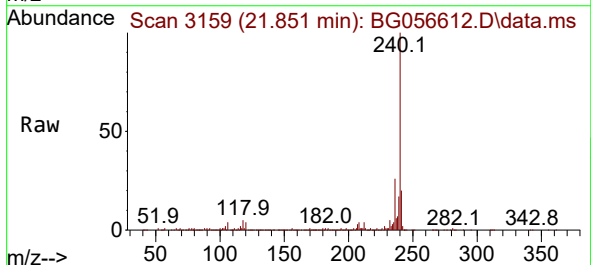
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

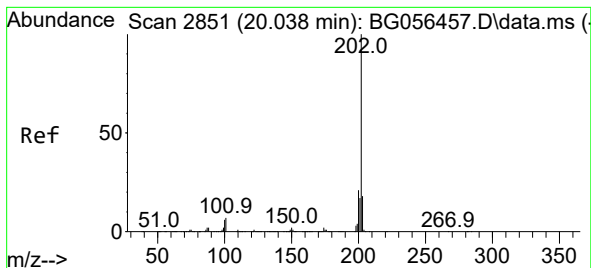
Tgt Ion:202 Resp: 49441
Ion Ratio Lower Upper
202 100
101 6.7 0.0 25.6
203 19.7 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3159
Delta R.T. -0.011 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:240 Resp: 224020
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.8
236 25.6 20.2 30.2





#78

Pyrene

Concen: 2.970 ng

RT: 19.977 min Scan# 2840

Delta R.T. -0.005 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

Instrument :

BNA_G

ClientSampleId :

COMP-6-BORING-2-7-14

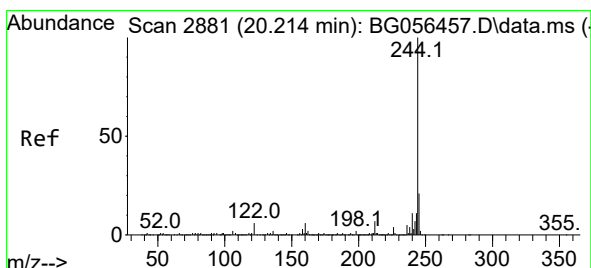
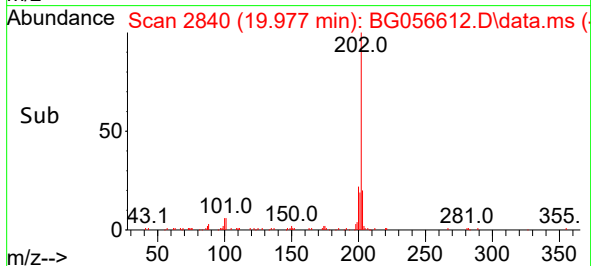
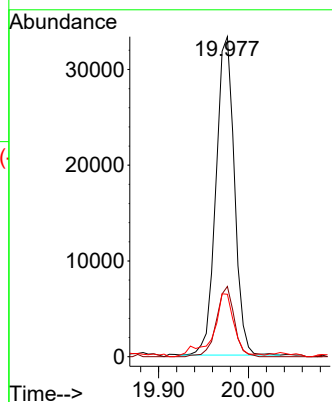
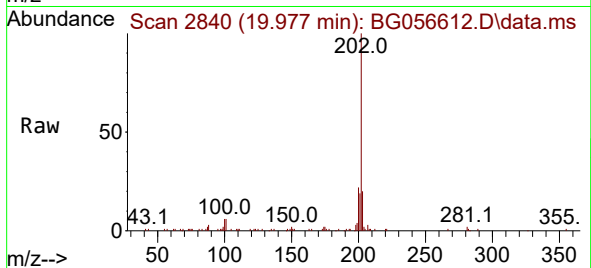
Tgt Ion:202 Resp: 47326

Ion Ratio Lower Upper

202 100

200 22.0 16.7 25.1

203 19.5 14.4 21.6



#79

Terphenyl-d14

Concen: 70.039 ng

RT: 20.153 min Scan# 2870

Delta R.T. -0.005 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

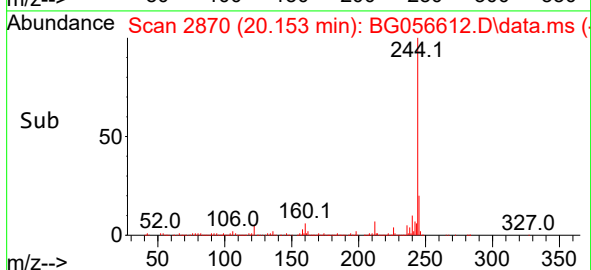
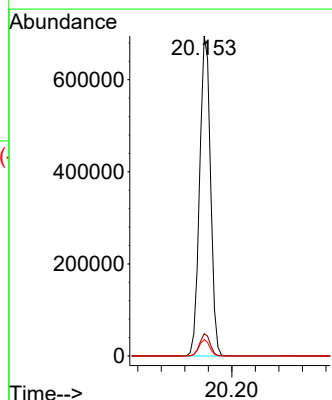
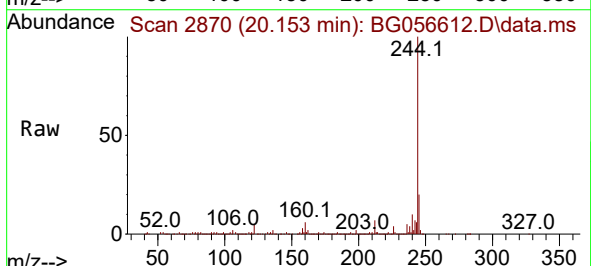
Tgt Ion:244 Resp: 893330

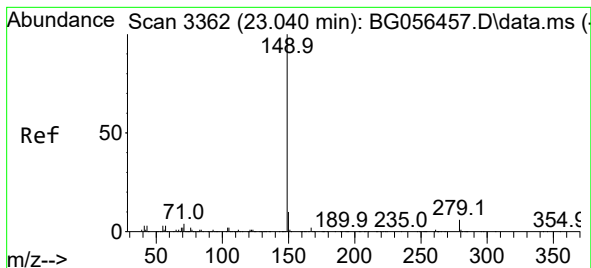
Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 5.1 4.4 6.6





#85

Di-n-octyl phthalate

Concen: 4.481 ng

RT: 23.020 min Scan# 31

Delta R.T. 0.071 min

Lab File: BG056612.D

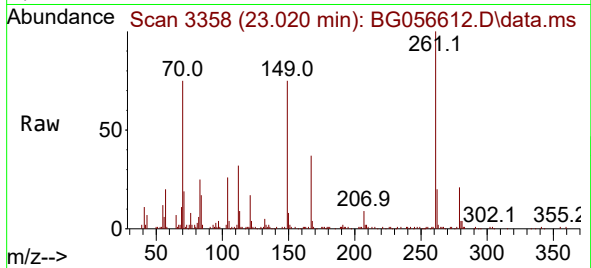
Acq: 10 Feb 2023 19:22

Instrument :

BNA_G

ClientSampleId :

COMP-6-BORING-2-7-14



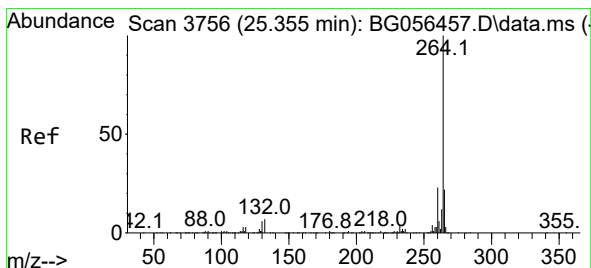
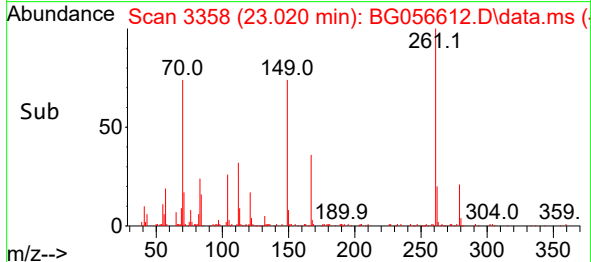
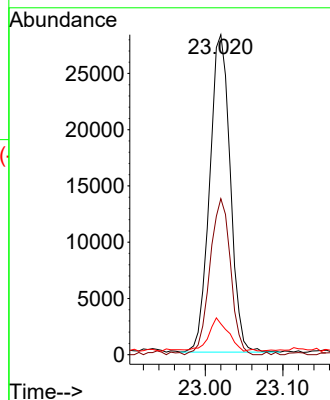
Tgt Ion:149 Resp: 52064

Ion Ratio Lower Upper

149 100

167 49.4 1.4 2.0#

43 9.3 2.7 4.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.223 min Scan# 3733

Delta R.T. -0.011 min

Lab File: BG056612.D

Acq: 10 Feb 2023 19:22

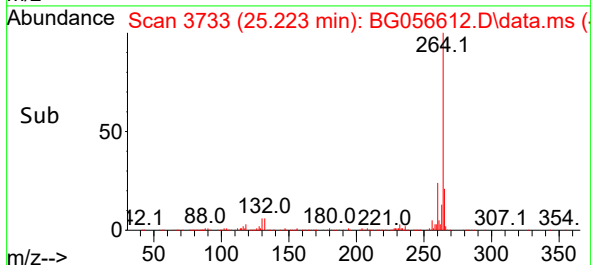
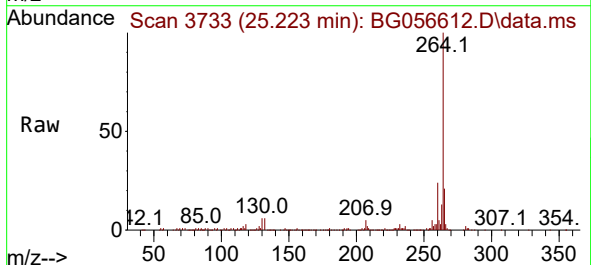
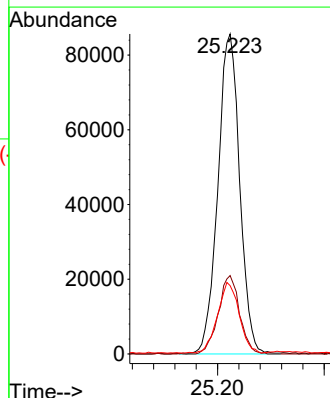
Tgt Ion:264 Resp: 243366

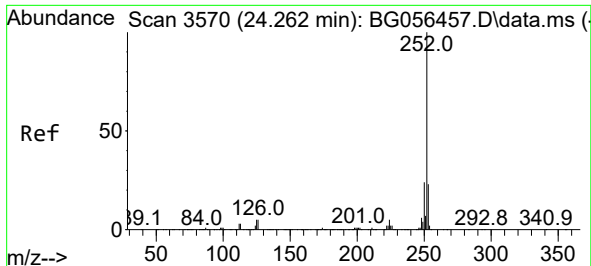
Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

265 21.4 18.1 27.1

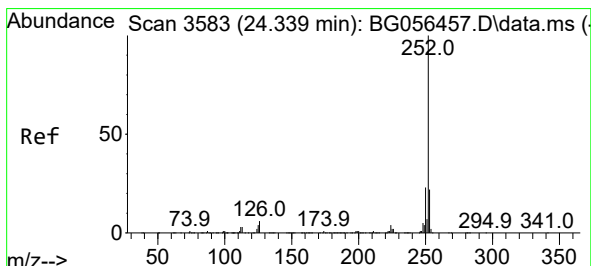
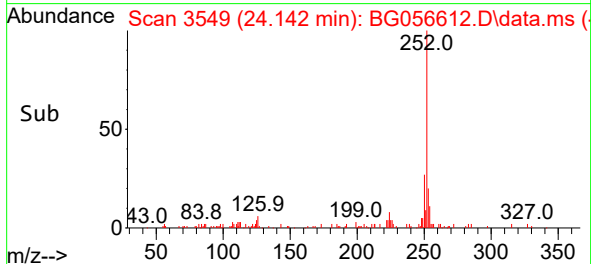
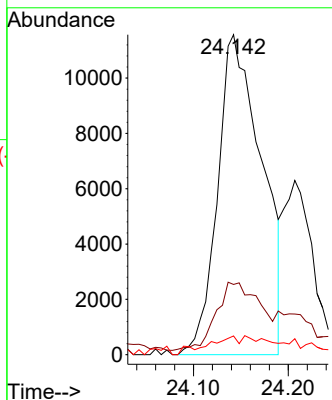
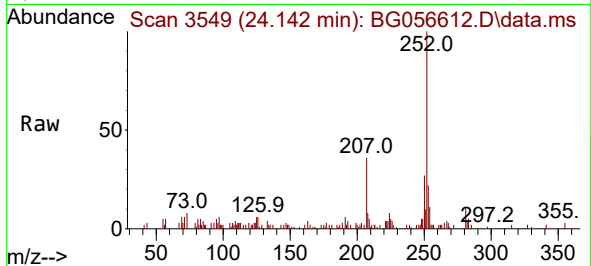




#88
Benzo(b)fluoranthene
Concen: 2.472 ng
RT: 24.142 min Scan# 3549
Delta R.T. -0.017 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

Tgt Ion:252 Resp: 37348
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 5.8 3.9 5.9



#89
Benzo(k)fluoranthene
Concen: 2.449 ng
RT: 24.142 min Scan# 3549
Delta R.T. -0.087 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

Tgt Ion:252 Resp: 37348
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 5.8 3.4 5.0#

