

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)

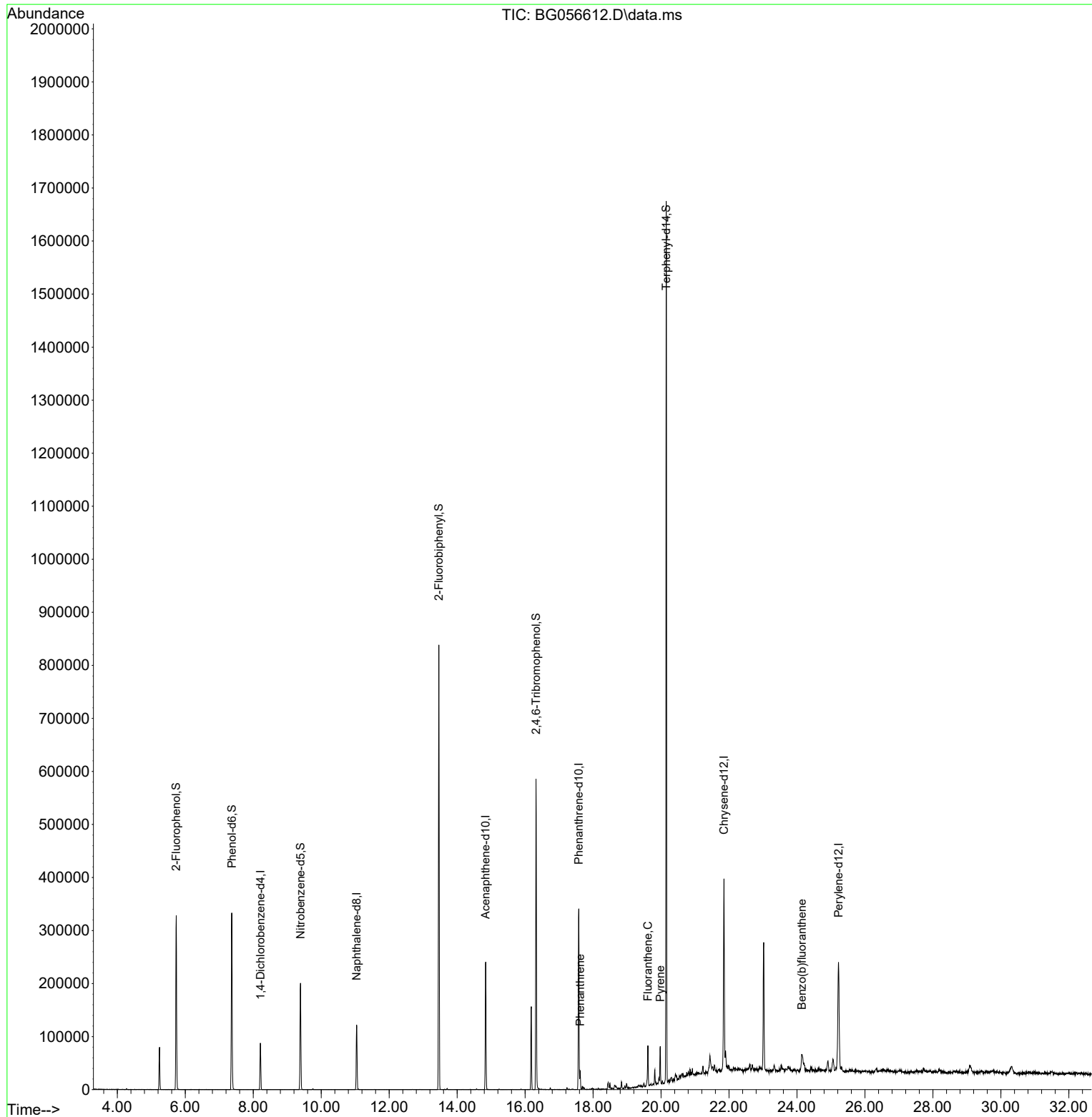
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.214	152	31300	20.000	ng	0.00
21) Naphthalene-d8	11.040	136	119048	20.000	ng	# 0.00
39) Acenaphthene-d10	14.836	164	95363	20.000	ng	0.00
64) Phenanthrene-d10	17.579	188	241111	20.000	ng	0.00
76) Chrysene-d12	21.851	240	224020	20.000	ng	-0.01
86) Perylene-d12	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						
						Qvalue
71) Phenanthrene	17.620	178	26069	2.066	ng	95
75) Fluoranthene	19.612	202	49441	3.104	ng	97
78) Pyrene	19.977	202	47326	2.970	ng	97
88) Benzo(b)fluoranthene	24.142	252	37348	2.472	ng	98

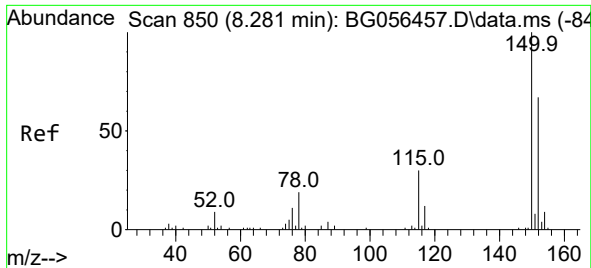
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021023\
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COMP-6-BORING-2-7-14

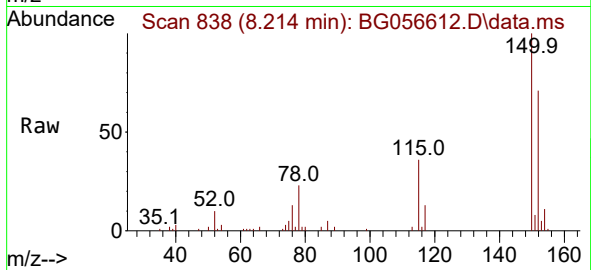
Quant Time: Feb 10 22:50:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 10 22:46:08 2023
Response via : Initial Calibration



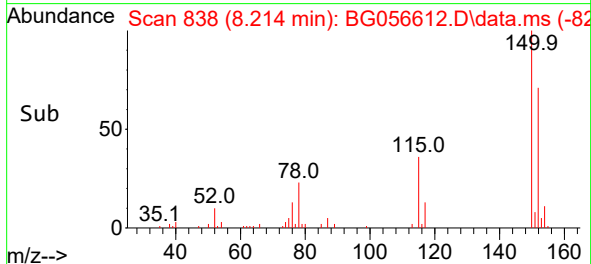
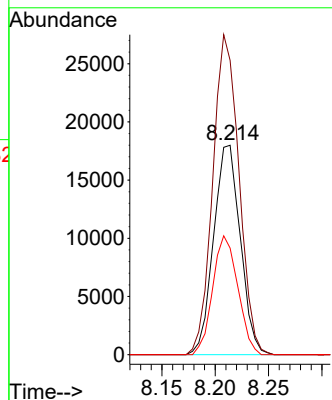


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.214 min Scan# 81
Delta R.T. 0.007 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

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

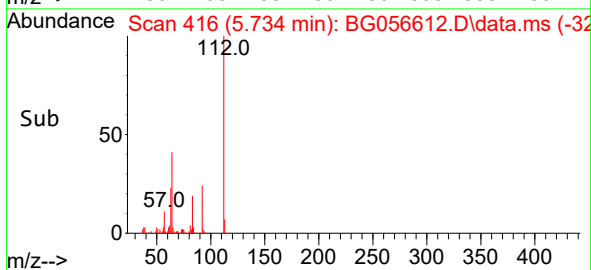
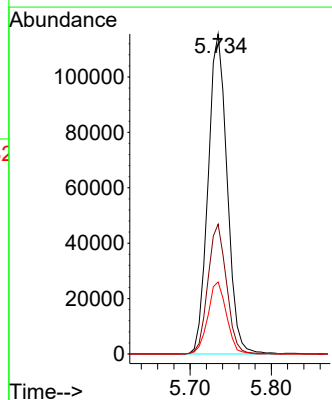
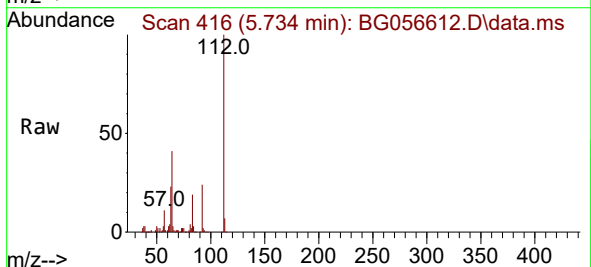


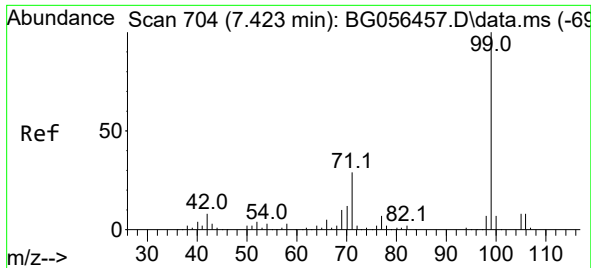
Tgt Ion:152 Resp: 31300
Ion Ratio Lower Upper
152 100
150 140.5 120.2 180.4
115 50.9 36.3 54.5



#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

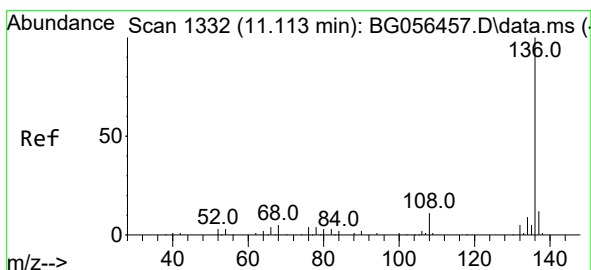
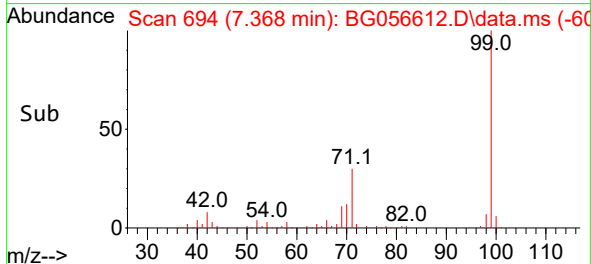
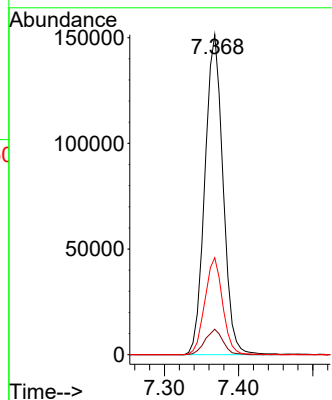
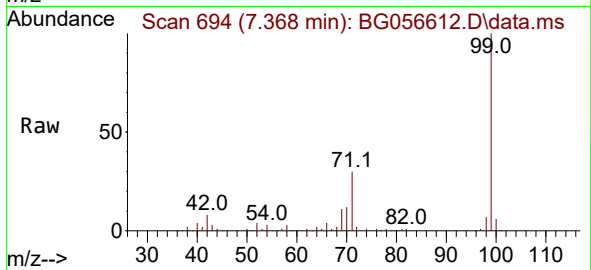




#7
Phenol-d6
Concen: 102.178 ng
RT: 7.368 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

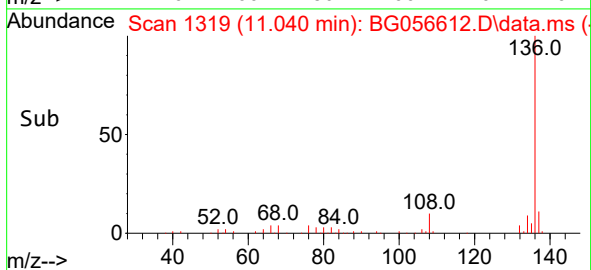
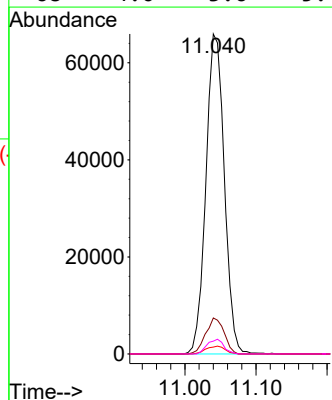
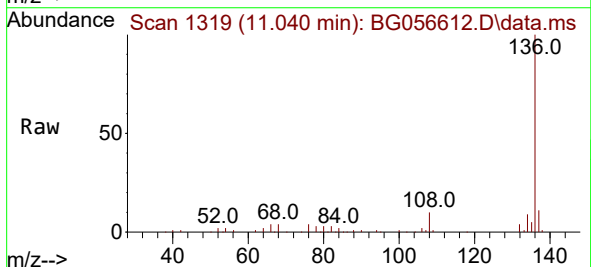
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

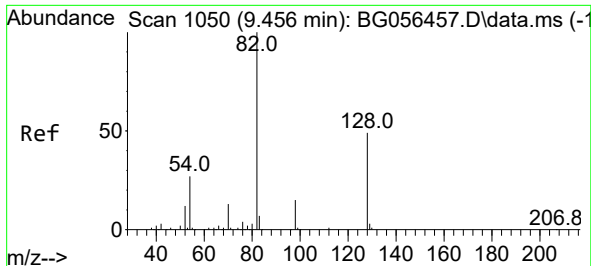
Tgt Ion: 99 Resp: 257593
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 30.3 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.040 min Scan# 1319
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

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

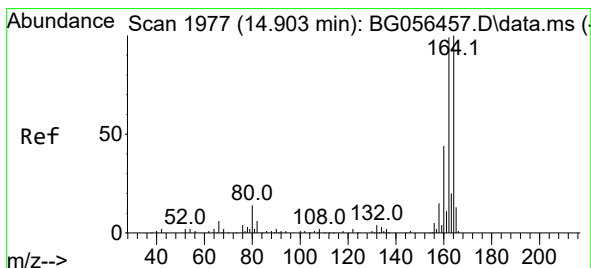
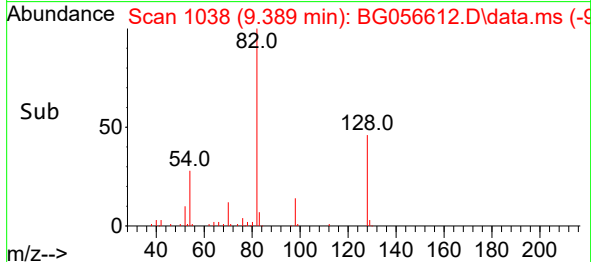
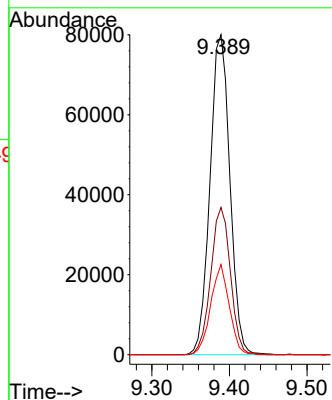
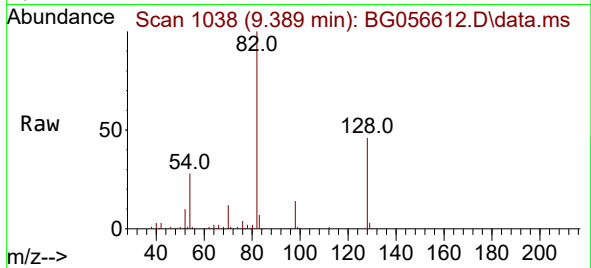




#23
Nitrobenzene-d5
Concen: 68.079 ng
RT: 9.389 min Scan# 1038
Delta R.T. 0.001 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

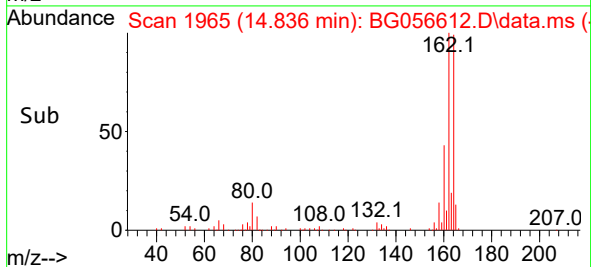
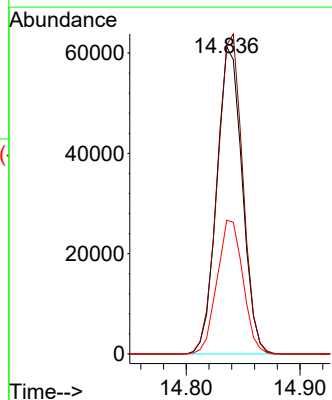
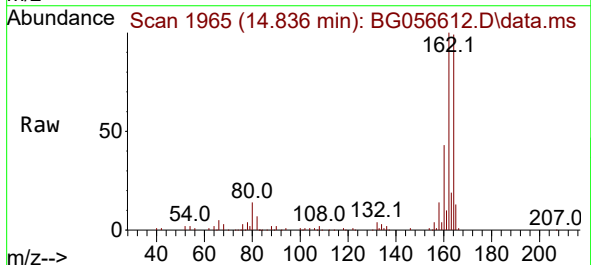
Instrument :
BNA_G
ClientSampleId :
COMP-6-BORING-2-7-14

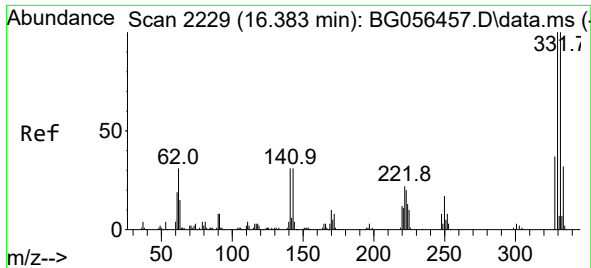
Tgt Ion: 82 Resp: 142725
Ion Ratio Lower Upper
82 100
128 46.0 39.4 59.2
54 28.2 21.4 32.2



#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

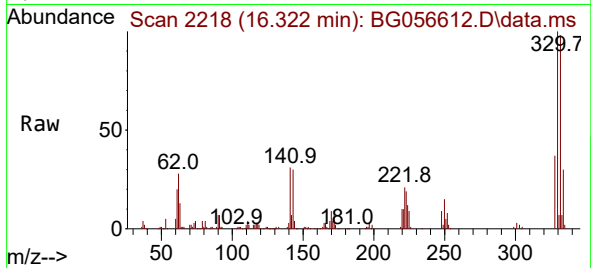
Tgt Ion: 164 Resp: 95363
Ion Ratio Lower Upper
164 100
162 100.6 79.6 119.4
160 43.5 34.9 52.3



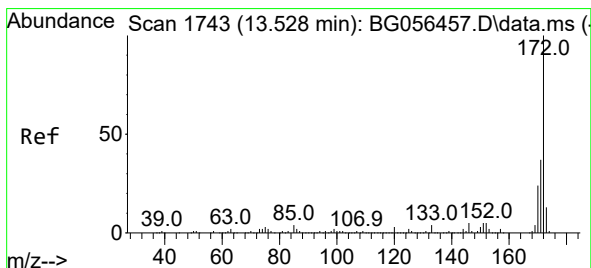
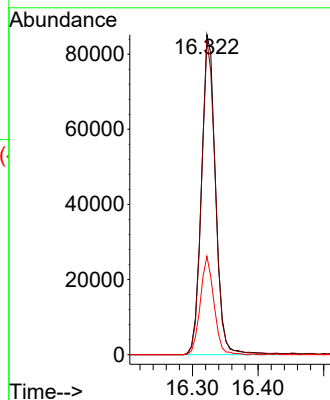
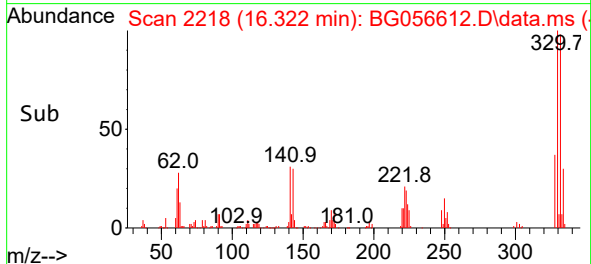


#42
2,4,6-Tribromophenol
Concen: 100.738 ng
RT: 16.322 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

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

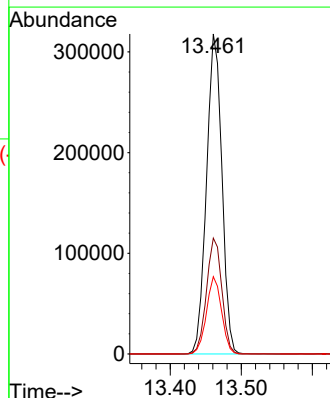
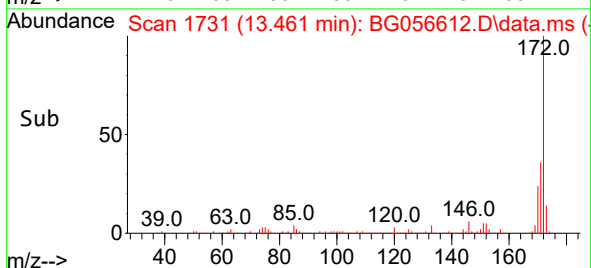
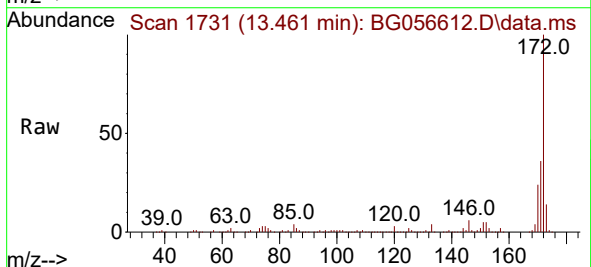


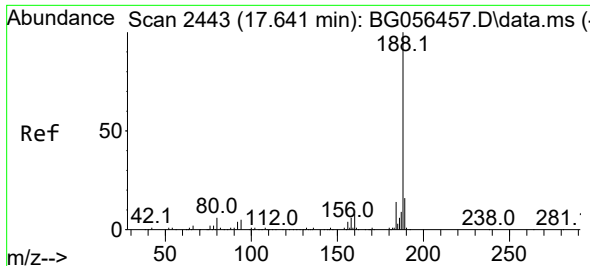
Tgt Ion:330 Resp: 127715
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.6
141 29.6 24.2 36.4



#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

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

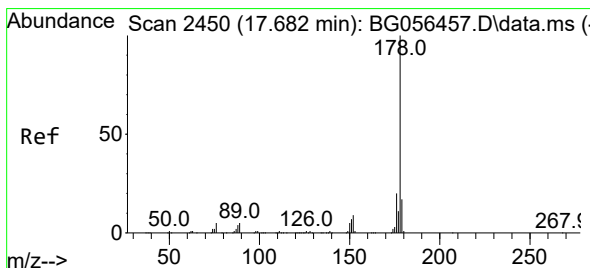
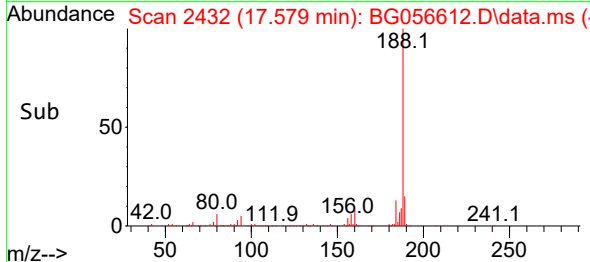
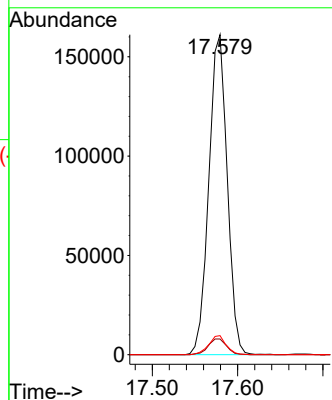
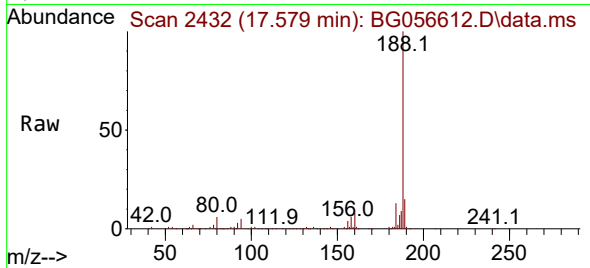




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.579 min Scan# 2411
Delta R.T. -0.005 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

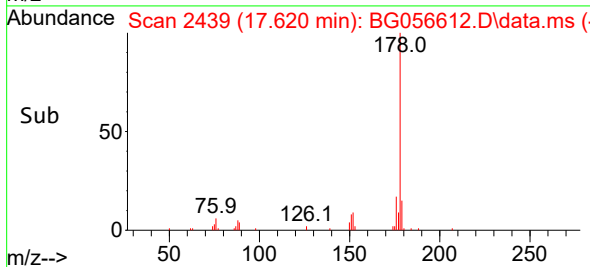
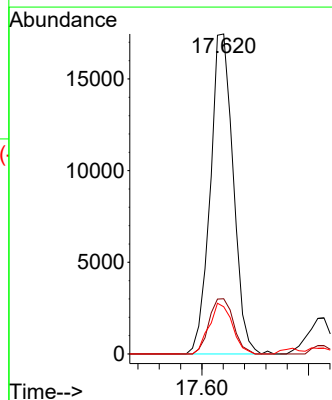
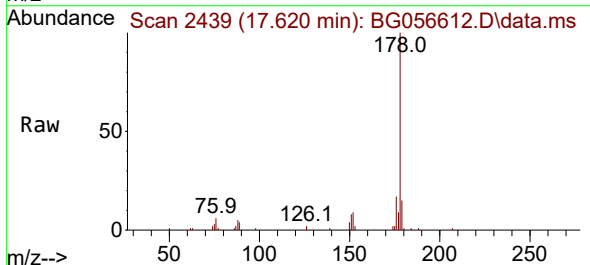
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COMP-6-BORING-2-7-14

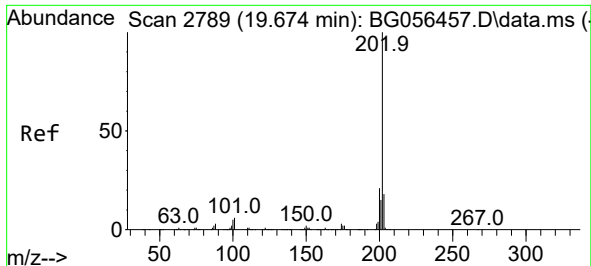
Tgt Ion:188 Resp: 241111
Ion Ratio Lower Upper
188 100
94 4.9 4.1 6.1
80 5.9 5.0 7.4



#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

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

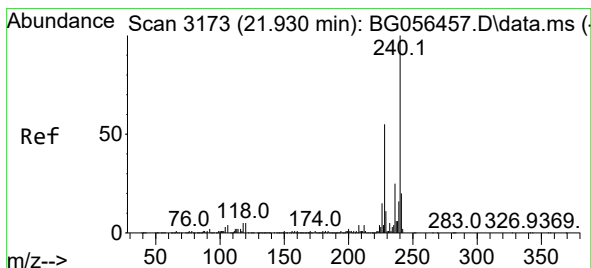
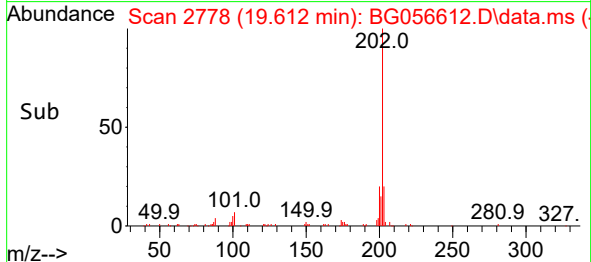
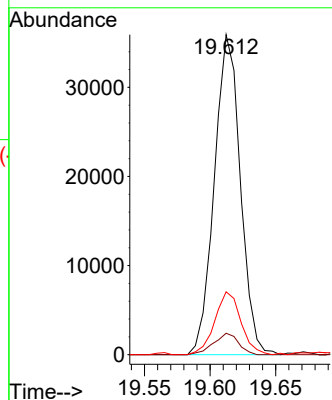
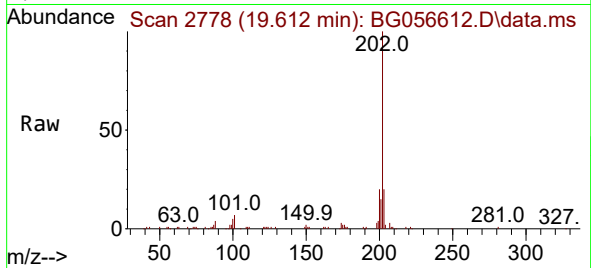




#75
Fluoranthene
Concen: 3.104 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG056612.D
Acq: 10 Feb 2023 19:22

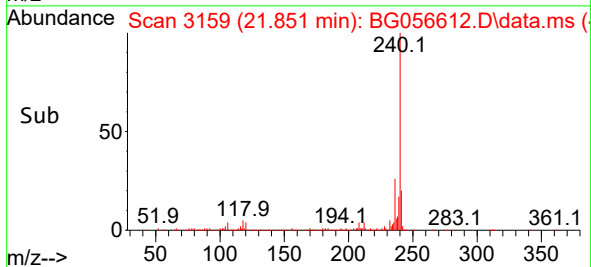
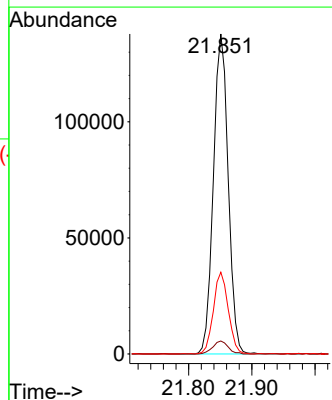
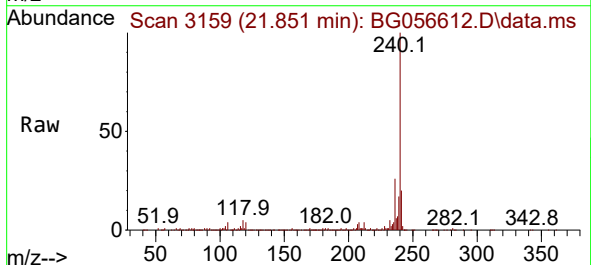
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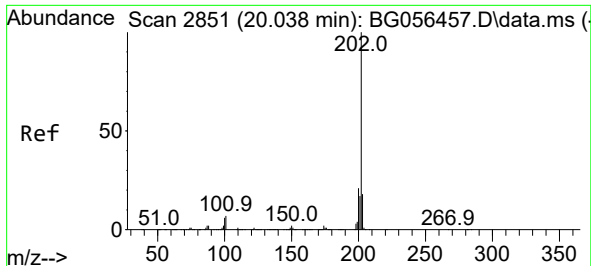
Tgt Ion:202 Resp: 49441
Ion Ratio Lower Upper
202 100
101 6.7 0.0 25.6
203 19.7 0.0 38.1



#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

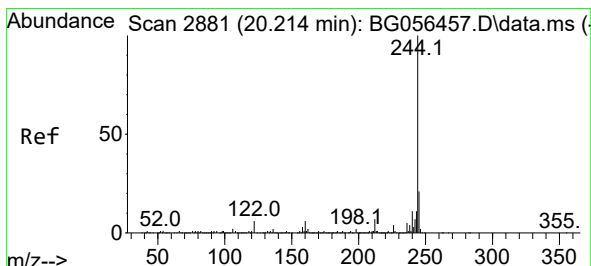
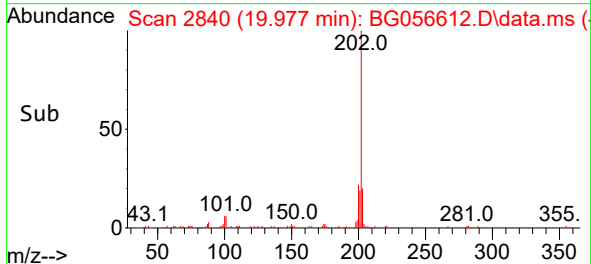
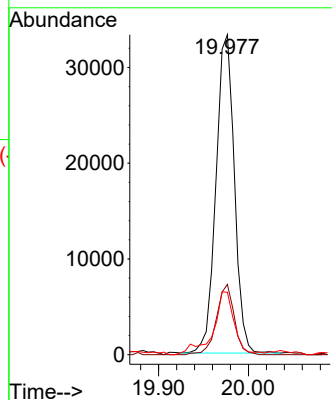
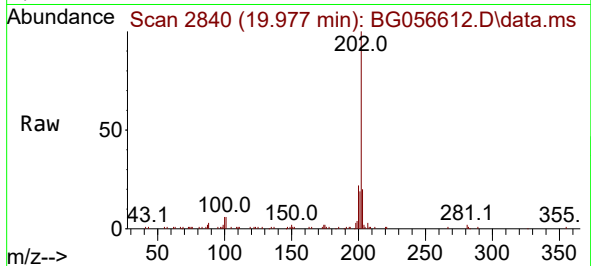




#78
 Pyrene
 Concen: 2.970 ng
 RT: 19.977 min Scan# 2840
 Delta R.T. -0.005 min
 Lab File: BG056612.D
 Acq: 10 Feb 2023 19:22

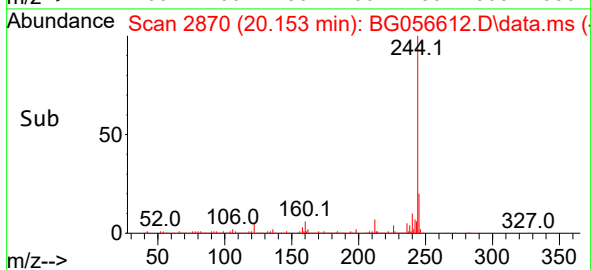
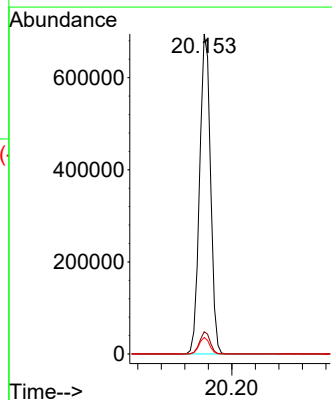
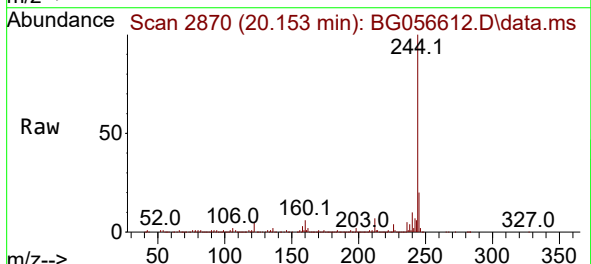
Instrument :
 BNA_G
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 COMP-6-BORING-2-7-14

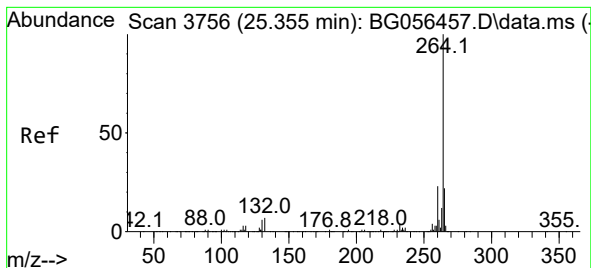
Tgt Ion:202 Resp: 47326
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.7 25.1
 203 19.5 14.4 21.6



#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





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.223 min Scan# 31

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

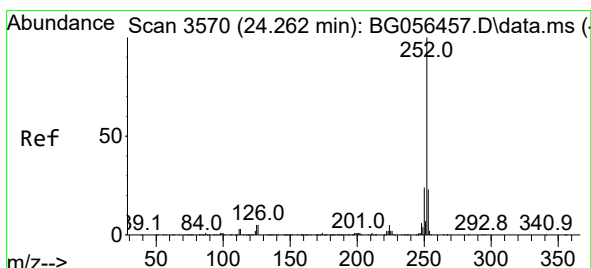
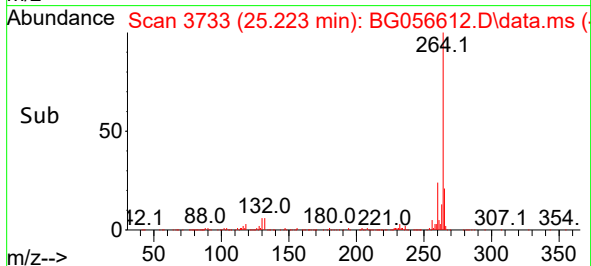
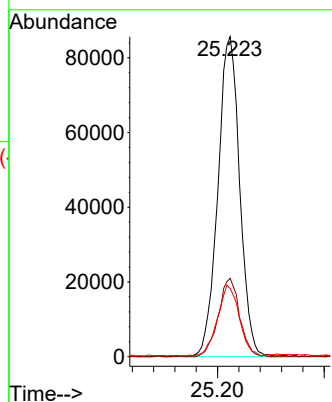
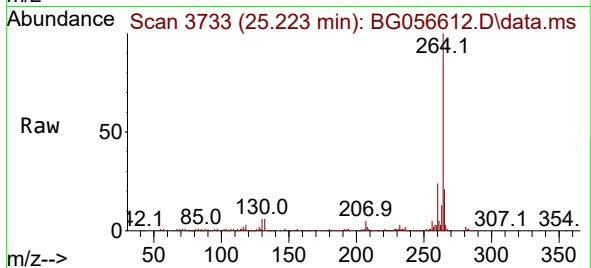
Tgt Ion:264 Resp: 243366

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

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

