

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
 Data File : BG057009.D
 Acq On : 6 Apr 2023 12:39
 Operator : CG/JU
 Sample : PB151838TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151838TB

Quant Time: Apr 07 01:36:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 07 01:33:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	12755	20.000	ng	0.00
21) Naphthalene-d8	11.251	136	53913	20.000	ng	# 0.00
39) Acenaphthene-d10	15.022	164	44691	20.000	ng	0.00
64) Phenanthrene-d10	17.760	188	114966	20.000	ng	0.00
76) Chrysene-d12	22.077	240	93771	20.000	ng	-0.01
86) Perylene-d12	25.620	264	100144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	111733	140.198	ng	0.00
7) Phenol-d6	7.544	99	164606	138.097	ng	0.00
23) Nitrobenzene-d5	9.588	82	106158	80.569	ng	0.00
42) 2,4,6-Tribromophenol	16.502	330	98238	137.597	ng	0.00
45) 2-Fluorobiphenyl	13.648	172	277819	84.296	ng	0.00
79) Terphenyl-d14	20.333	244	561118	101.257	ng	0.00

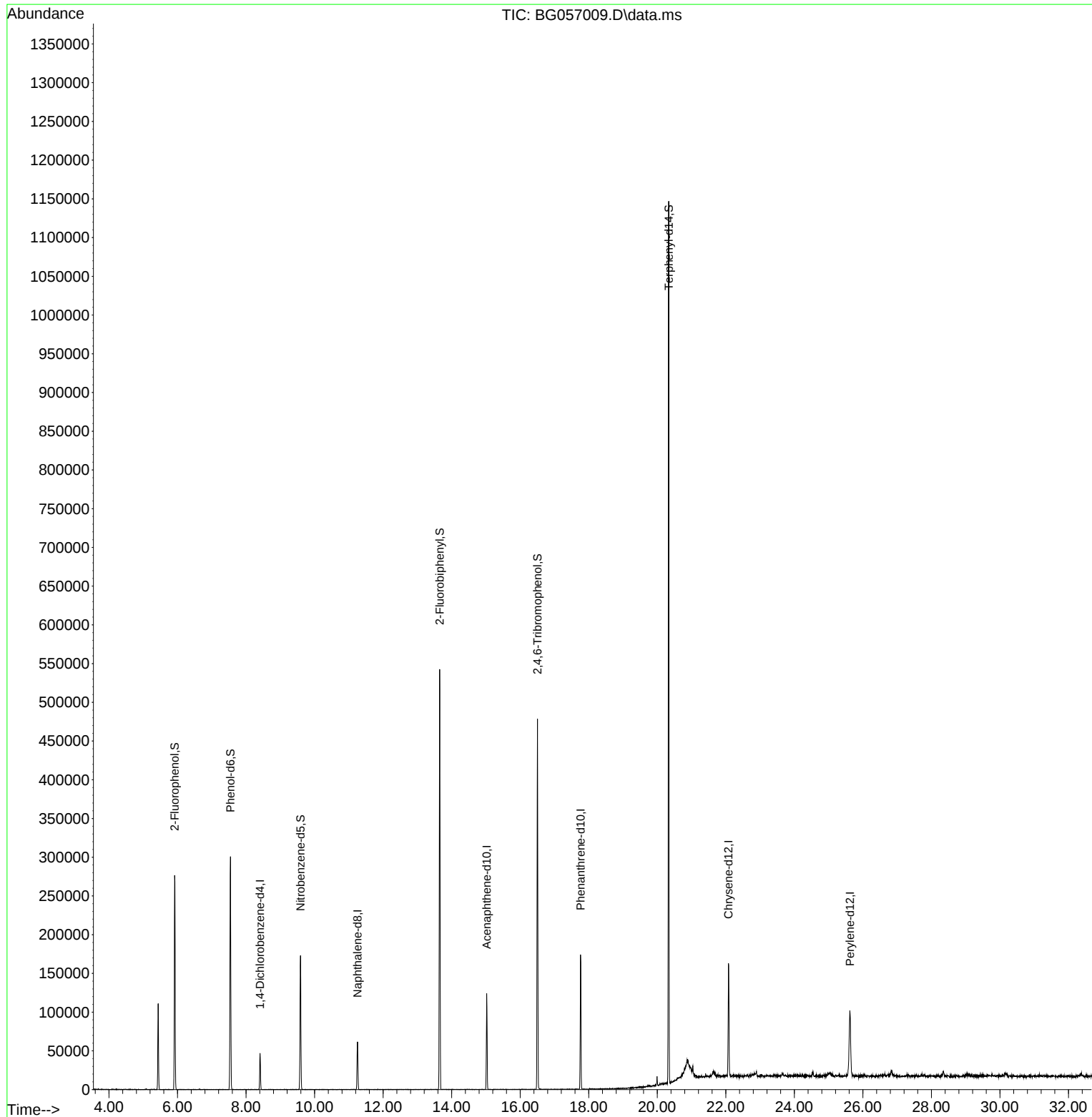
Target Compounds	Qvalue

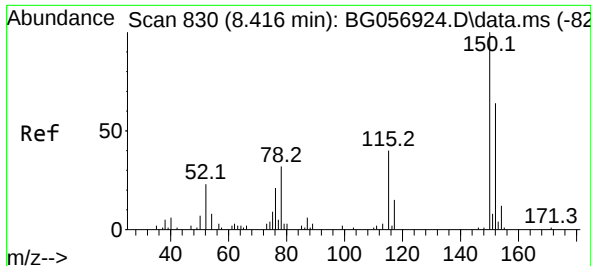
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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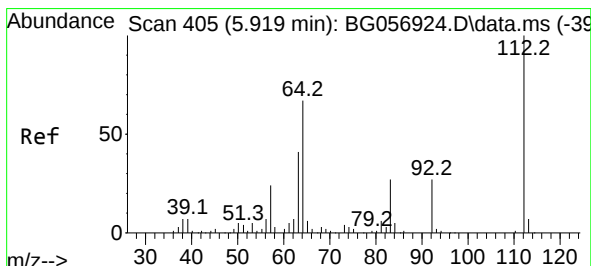
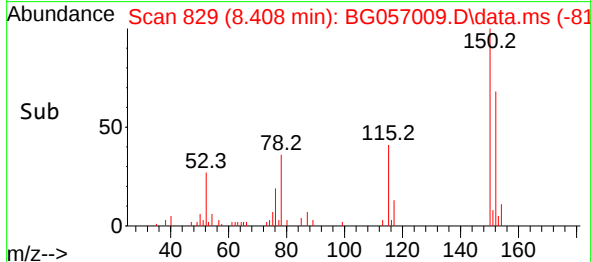
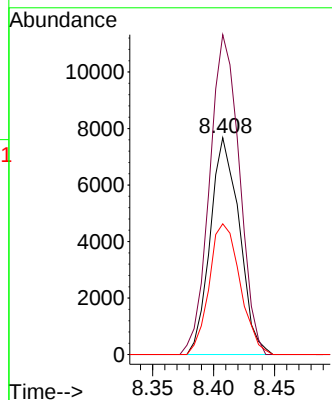
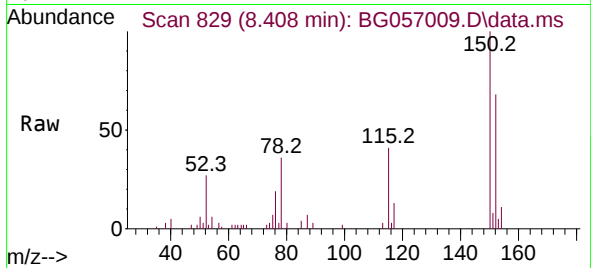




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

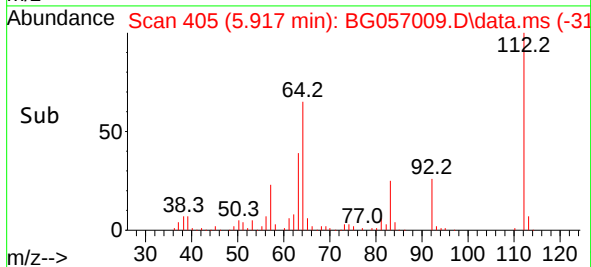
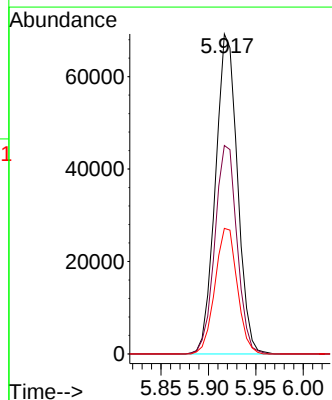
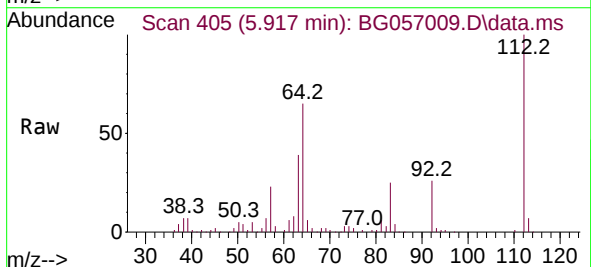
Instrument :
BNA_G
ClientSampleId :
PB151838TB

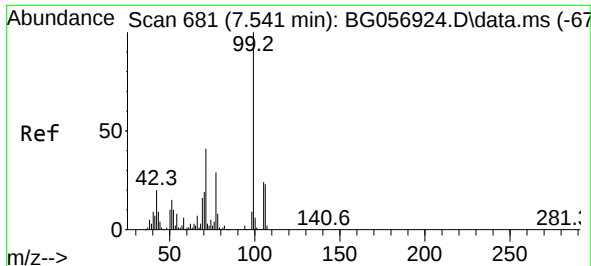
Tgt Ion:152 Resp: 12755
Ion Ratio Lower Upper
152 100
150 147.5 124.1 186.1
115 60.3 49.1 73.7



#5
2-Fluorophenol
Concen: 140.198 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:112 Resp: 111733
Ion Ratio Lower Upper
112 100
64 65.1 53.2 79.8
63 39.3 32.6 48.8

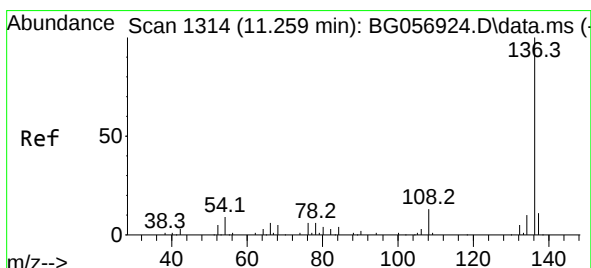
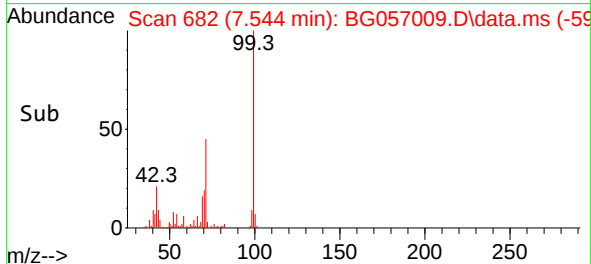
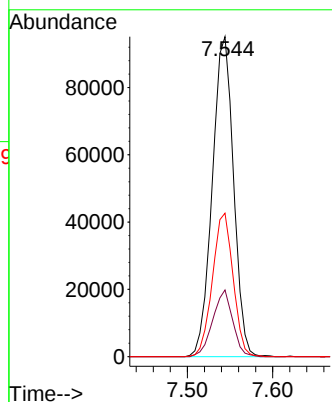
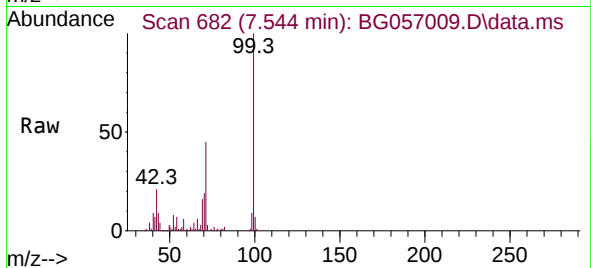




#7
Phenol-d6
Concen: 138.097 ng
RT: 7.544 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

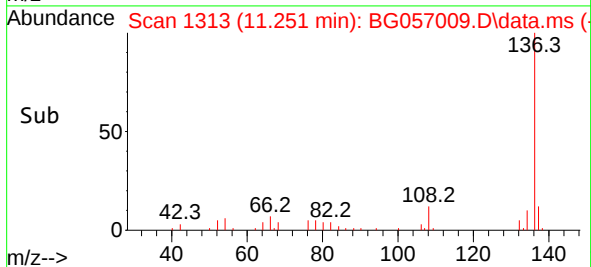
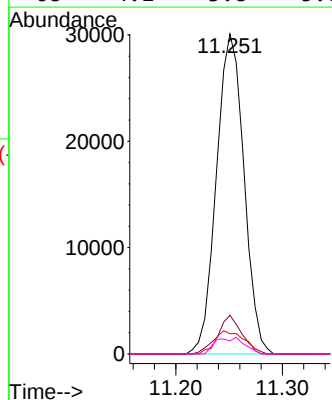
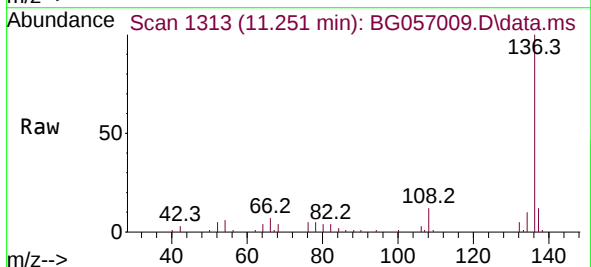
Instrument :
BNA_G
ClientSampleId :
PB151838TB

Tgt Ion: 99 Resp: 164606
Ion Ratio Lower Upper
99 100
42 20.8 15.7 23.5
71 44.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion: 136 Resp: 53913
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 6.3 6.9 10.3#
68 4.1 3.8 5.6





#23

Nitrobenzene-d5

Concen: 80.569 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB151838TB

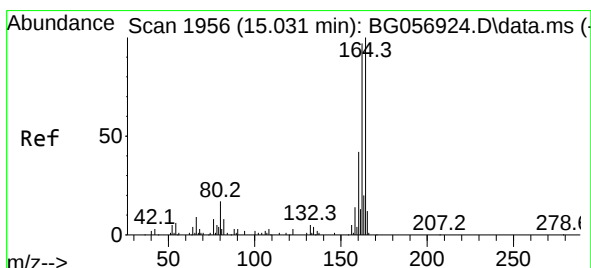
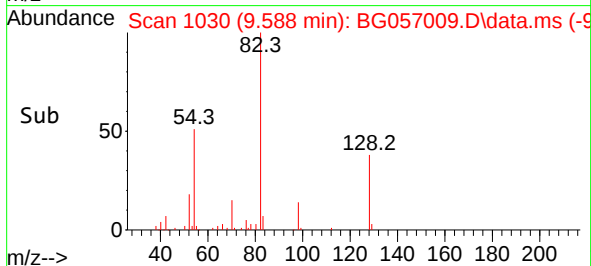
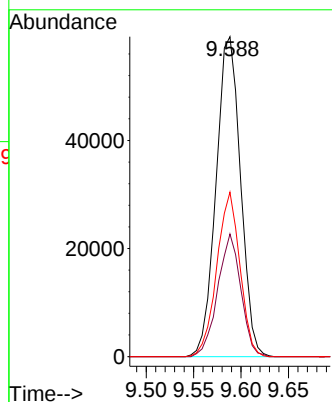
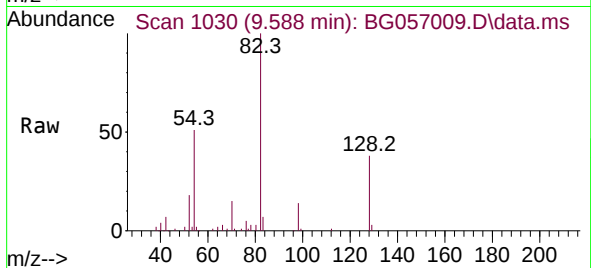
Tgt Ion: 82 Resp: 106158

Ion Ratio Lower Upper

82 100

128 38.3 27.9 41.9

54 51.4 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

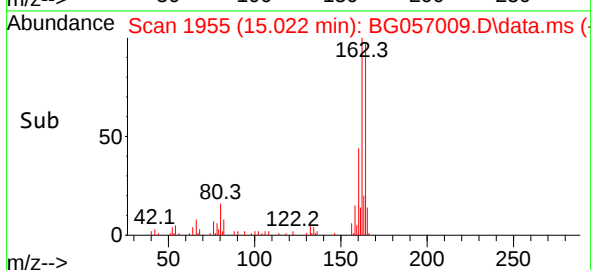
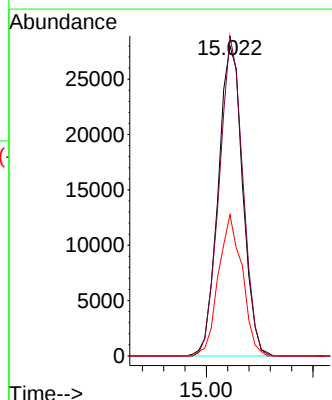
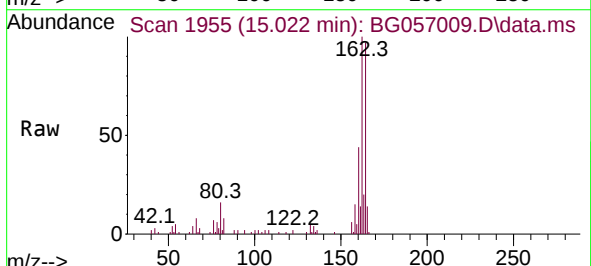
Tgt Ion: 164 Resp: 44691

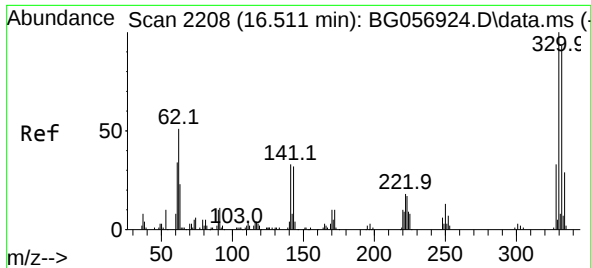
Ion Ratio Lower Upper

164 100

162 103.3 77.8 116.8

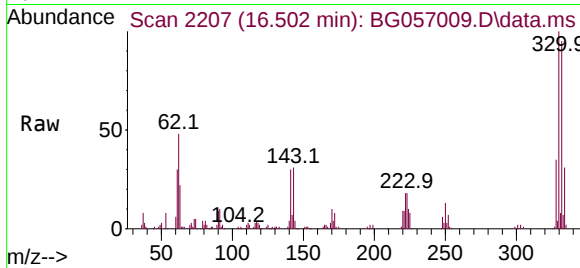
160 45.6 33.5 50.3



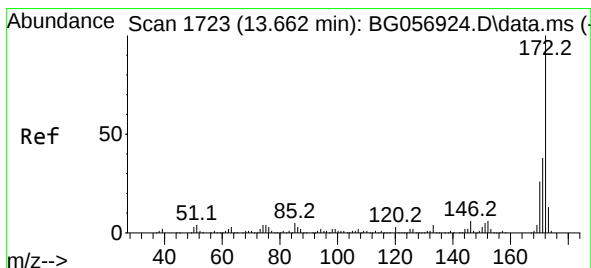
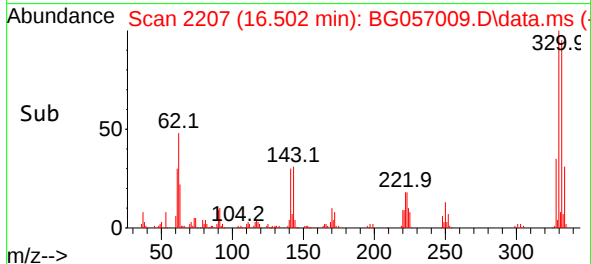
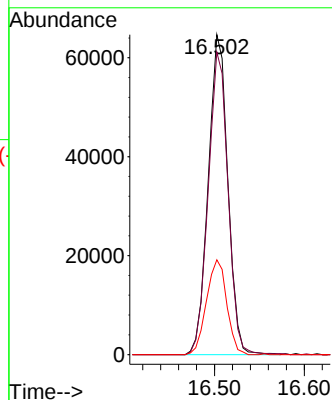


#42
 2,4,6-Tribromophenol
 Concen: 137.597 ng
 RT: 16.502 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057009.D
 Acq: 6 Apr 2023 12:39

Instrument :
 BNA_G
 ClientSampleId :
 PB151838TB

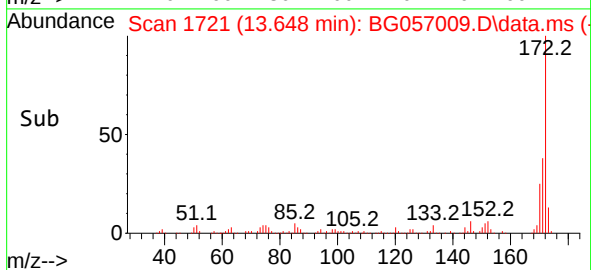
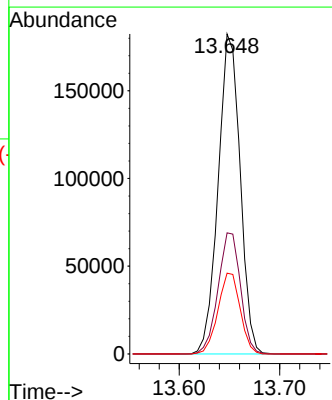
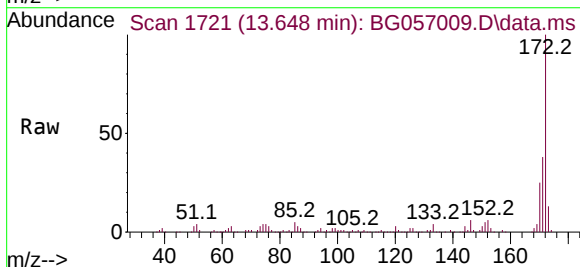


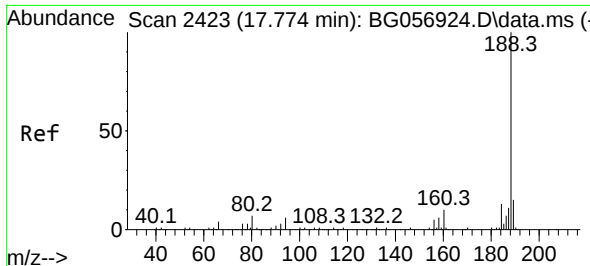
Tgt Ion:330 Resp: 98238
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.1 114.1
 141 30.5 25.8 38.6



#45
 2-Fluorobiphenyl
 Concen: 84.296 ng
 RT: 13.648 min Scan# 1721
 Delta R.T. -0.006 min
 Lab File: BG057009.D
 Acq: 6 Apr 2023 12:39

Tgt Ion:172 Resp: 277819
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.6 46.0
 170 25.2 20.6 30.8

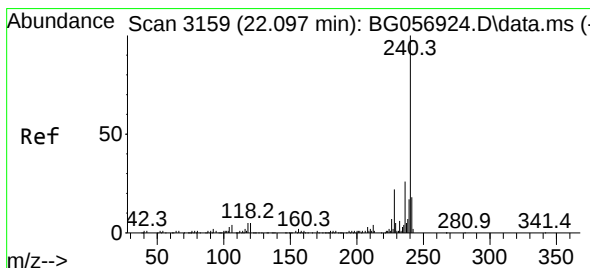
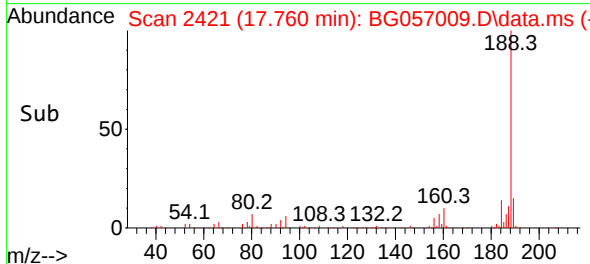
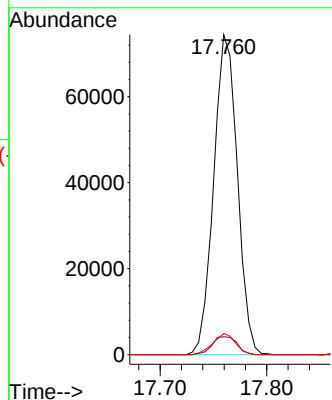
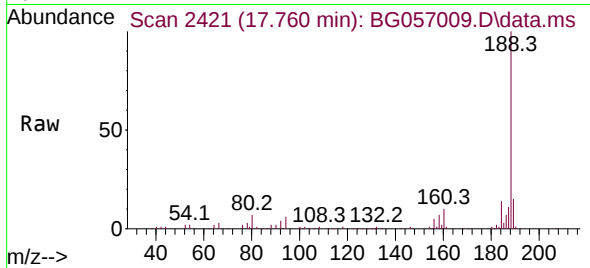




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.760 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

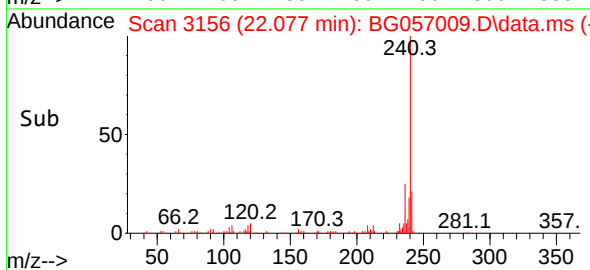
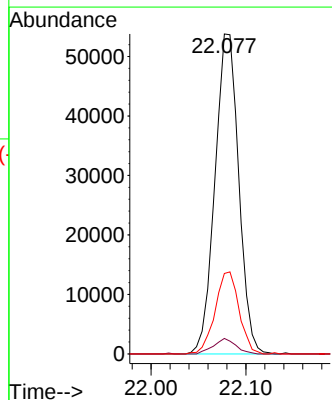
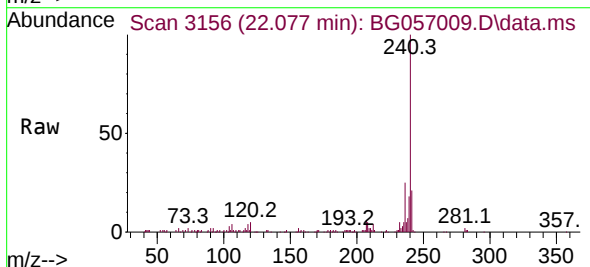
Instrument :
BNA_G
ClientSampleId :
PB151838TB

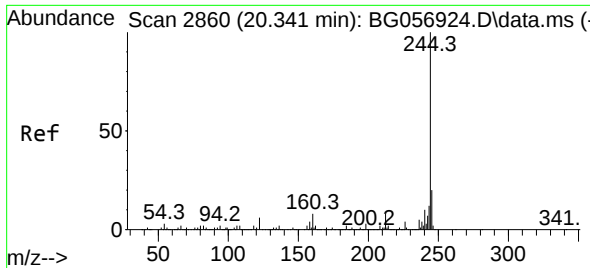
Tgt Ion:188 Resp: 114966
Ion Ratio Lower Upper
188 100
94 5.6 4.6 6.8
80 6.6 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.077 min Scan# 3156
Delta R.T. -0.011 min
Lab File: BG057009.D
Acq: 6 Apr 2023 12:39

Tgt Ion:240 Resp: 93771
Ion Ratio Lower Upper
240 100
120 4.8 3.8 5.6
236 25.1 21.0 31.6





#79

Terphenyl-d14

Concen: 101.257 ng

RT: 20.333 min Scan# 2860

Delta R.T. 0.000 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

Instrument :

BNA_G

ClientSampleId :

PB151838TB

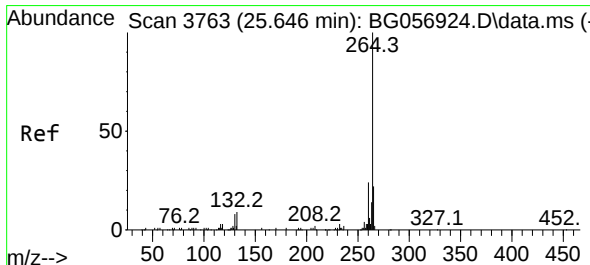
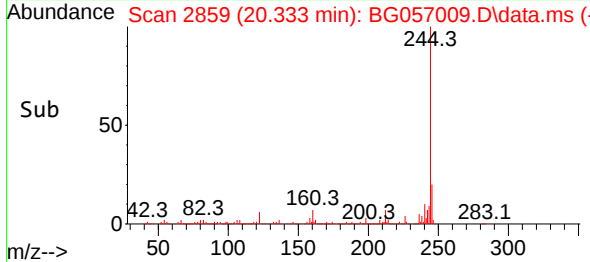
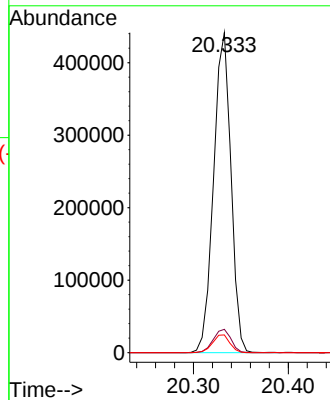
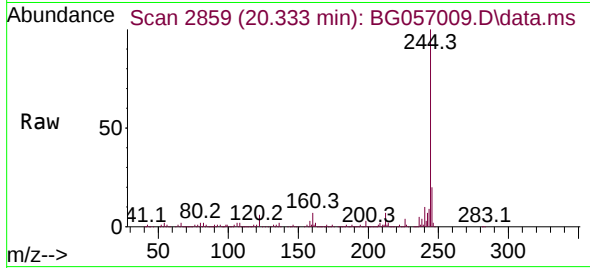
Tgt Ion:244 Resp: 561118

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.620 min Scan# 3759

Delta R.T. -0.006 min

Lab File: BG057009.D

Acq: 6 Apr 2023 12:39

Tgt Ion:264 Resp: 100144

Ion Ratio Lower Upper

264 100

260 27.2 19.0 28.4

265 21.4 17.8 26.6

