

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057170.D
 Acq On : 25 Apr 2023 10:29
 Operator : CG/JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB

Quant Time: Apr 25 23:56:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.385	152	19314	20.000	ng	0.00
21) Naphthalene-d8	11.222	136	79737	20.000	ng	0.00
39) Acenaphthene-d10	14.999	164	60300	20.000	ng	0.00
64) Phenanthrene-d10	17.737	188	159309	20.000	ng	0.00
76) Chrysene-d12	22.049	240	150284	20.000	ng	-0.01
86) Perylene-d12	25.573	264	153338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	176874	165.956	ng	0.00
7) Phenol-d6	7.521	99	251358	163.002	ng	0.00
23) Nitrobenzene-d5	9.560	82	161074	99.865	ng	0.00
42) 2,4,6-Tribromophenol	16.480	330	105379	132.451	ng	0.00
45) 2-Fluorobiphenyl	13.625	172	396098	88.279	ng	0.00
79) Terphenyl-d14	20.310	244	818312	95.241	ng	0.00

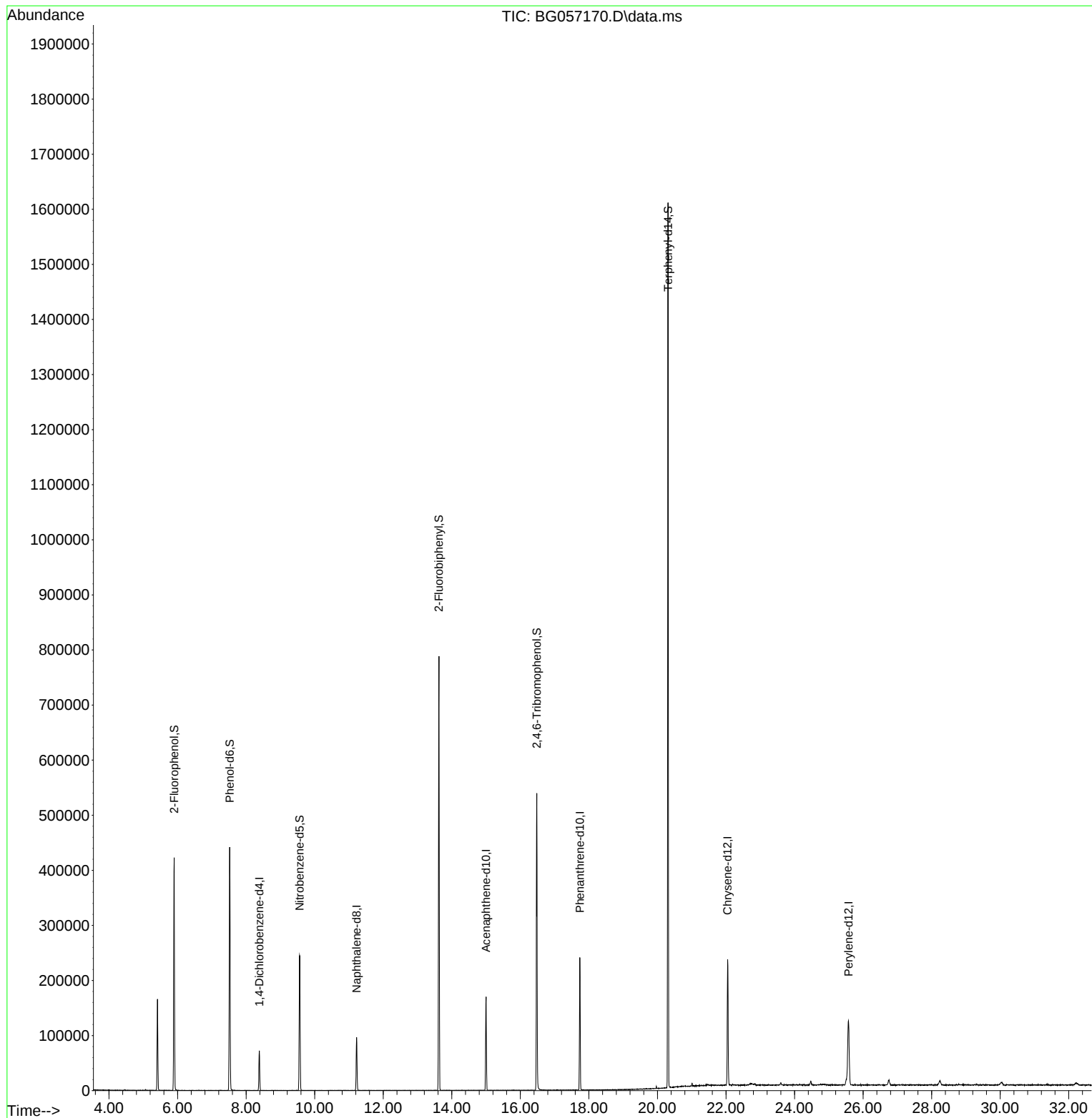
Target Compounds	Qvalue

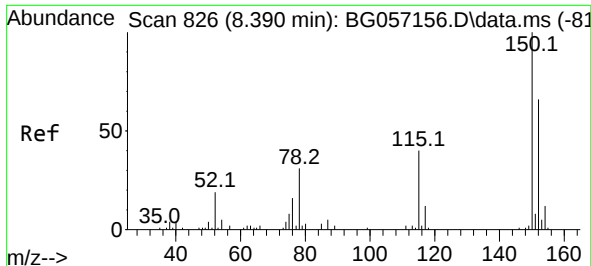
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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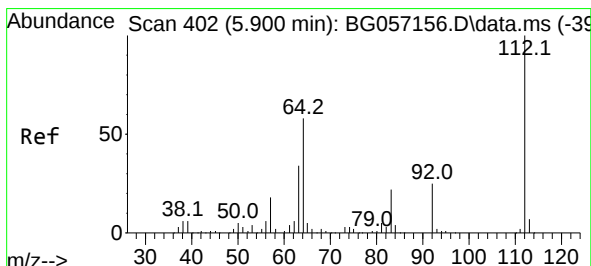
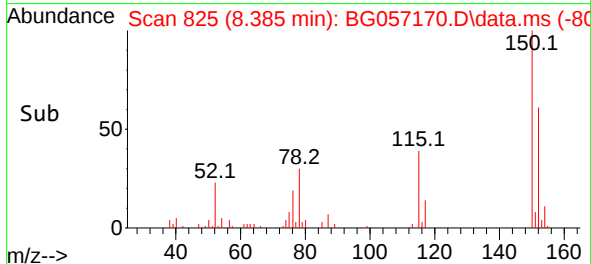
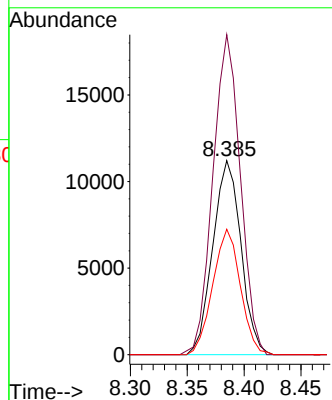
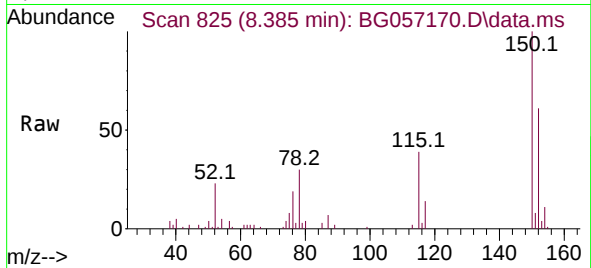




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.385 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

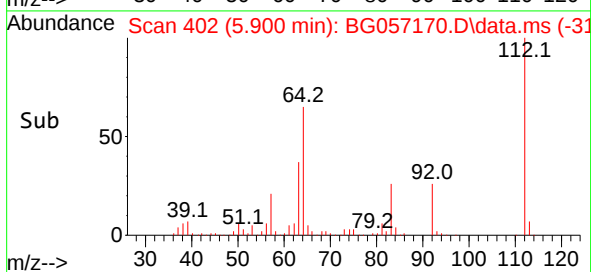
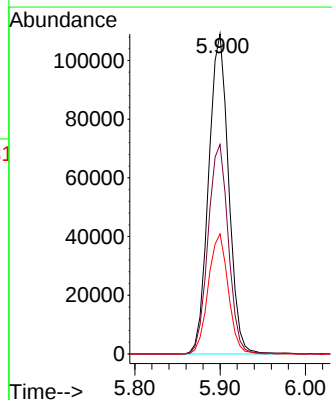
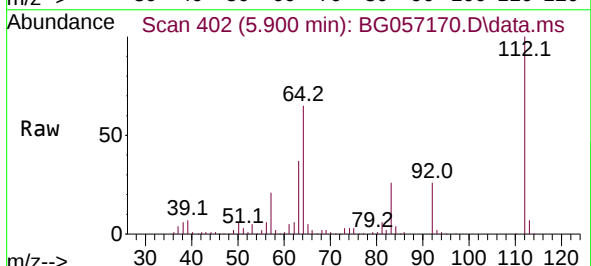
Instrument :
BNA_G
ClientSampleId :
PB152346TB

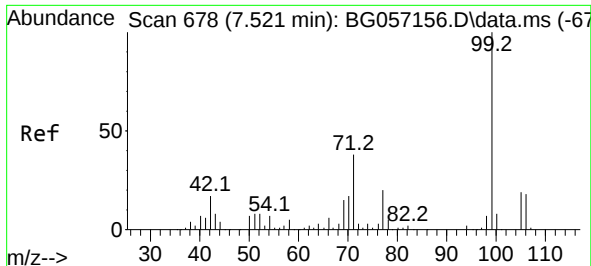
Tgt Ion:152 Resp: 19314
Ion Ratio Lower Upper
152 100
150 164.9 121.4 182.2
115 64.6 48.1 72.1



#5
2-Fluorophenol
Concen: 165.956 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:112 Resp: 176874
Ion Ratio Lower Upper
112 100
64 65.4 46.7 70.1
63 37.5 26.9 40.3

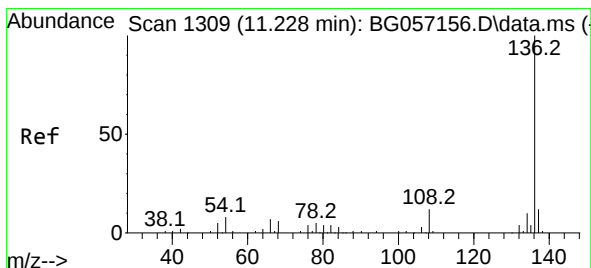
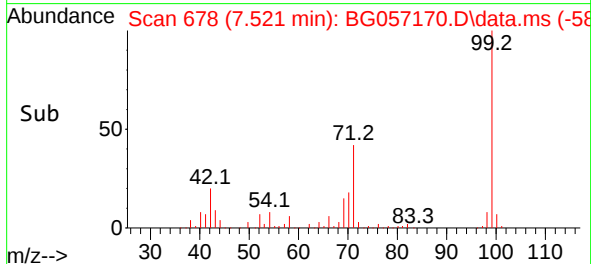
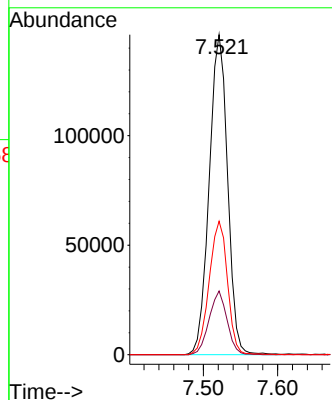
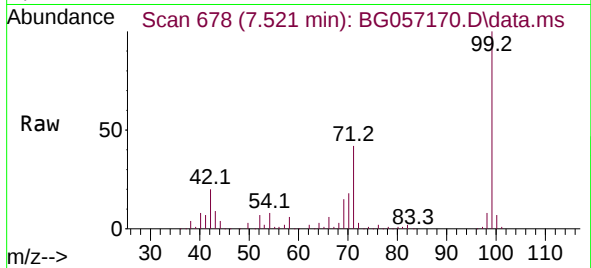




#7
Phenol-d6
Concen: 163.002 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

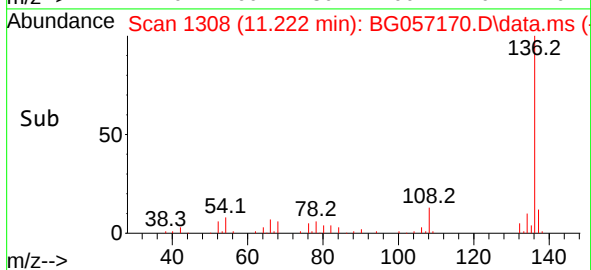
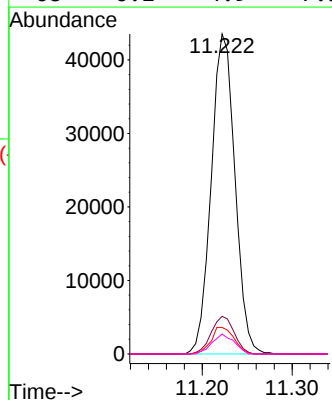
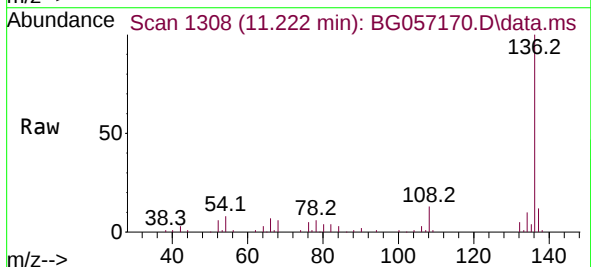
Instrument :
BNA_G
ClientSampleId :
PB152346TB

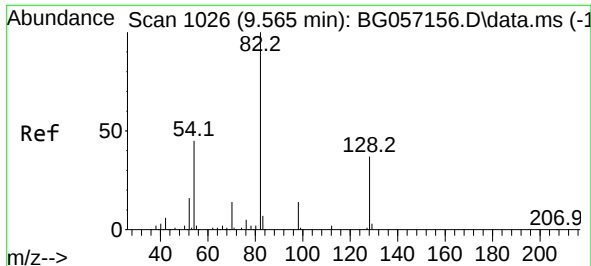
Tgt Ion: 99 Resp: 251358
Ion Ratio Lower Upper
99 100
42 19.9 13.4 20.0
71 41.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.222 min Scan# 1308
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:136 Resp: 79737
Ion Ratio Lower Upper
136 100
137 11.8 9.5 14.3
54 8.3 6.4 9.6
68 6.2 4.9 7.3

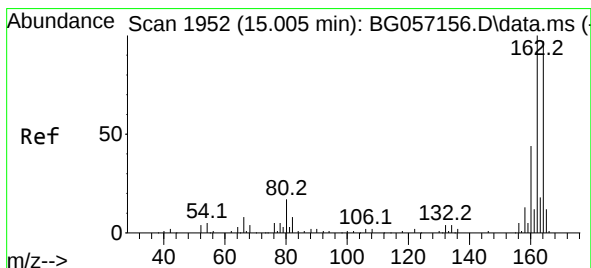
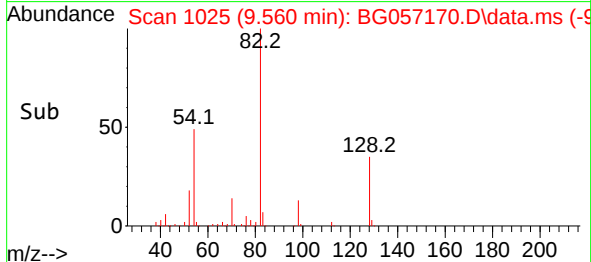
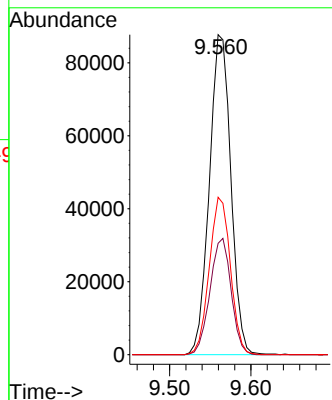
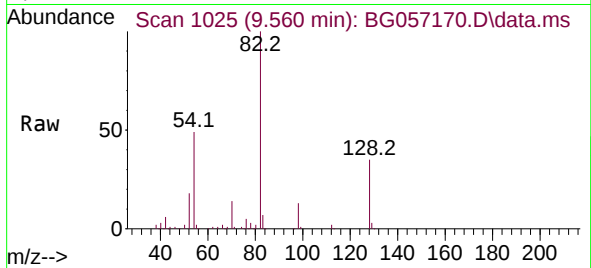




#23
Nitrobenzene-d5
Concen: 99.865 ng
RT: 9.560 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

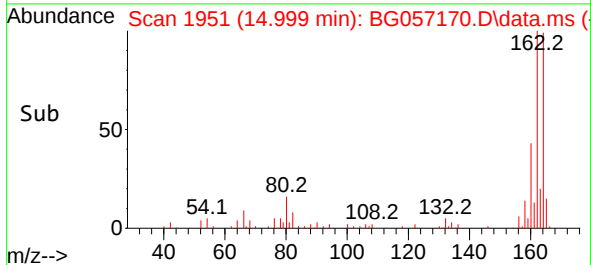
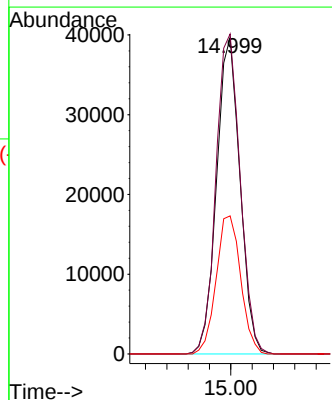
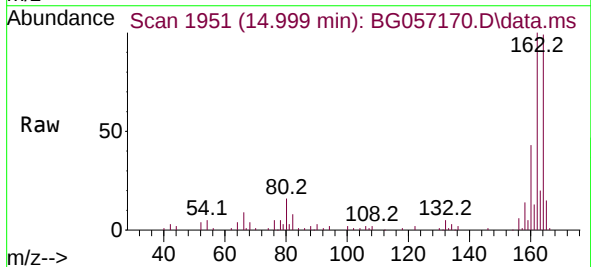
Instrument :
BNA_G
ClientSampleId :
PB152346TB

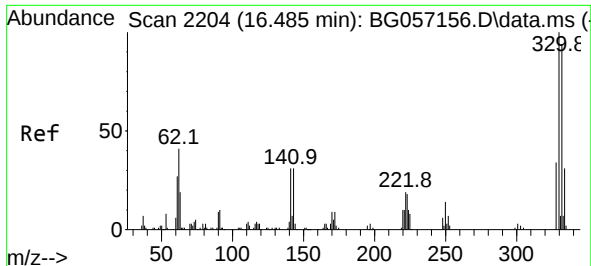
Tgt Ion: 82 Resp: 161074
Ion Ratio Lower Upper
82 100
128 34.8 29.4 44.2
54 49.2 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.999 min Scan# 1951
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion: 164 Resp: 60300
Ion Ratio Lower Upper
164 100
162 101.2 82.4 123.6
160 43.6 36.2 54.2

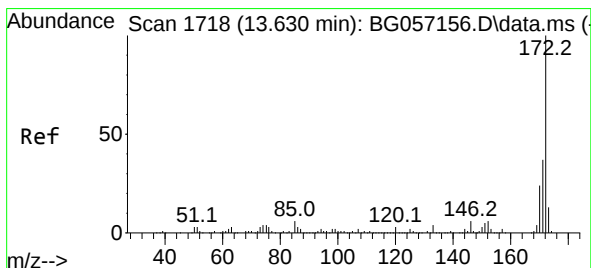
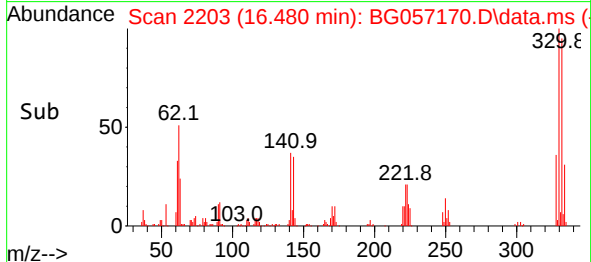
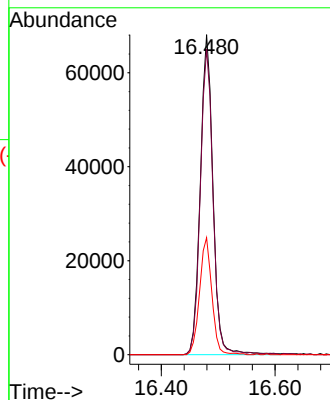
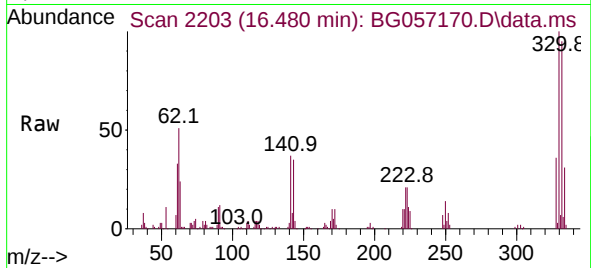




#42
2,4,6-Tribromophenol
Concen: 132.451 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

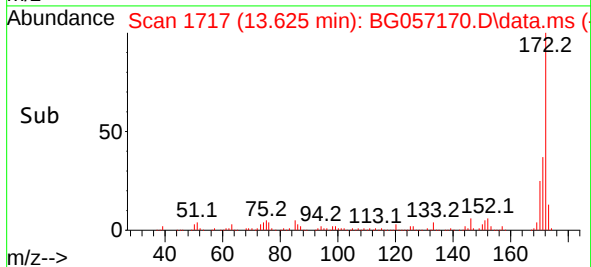
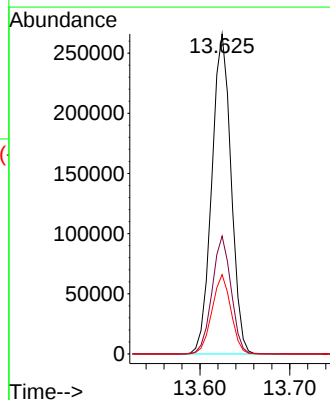
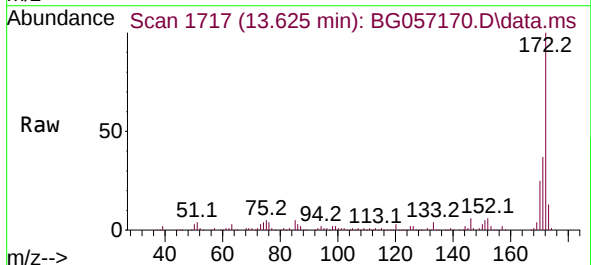
Instrument :
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ClientSampleId :
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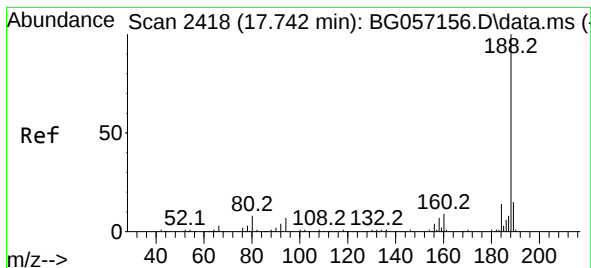
Tgt Ion:330 Resp: 105379
Ion Ratio Lower Upper
330 100
332 95.2 77.6 116.4
141 35.5 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 88.279 ng
RT: 13.625 min Scan# 1717
Delta R.T. -0.006 min
Lab File: BG057170.D
Acq: 25 Apr 2023 10:29

Tgt Ion:172 Resp: 396098
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.8 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.737 min Scan# 2418

Delta R.T. -0.005 min

Lab File: BG057170.D

Acq: 25 Apr 2023 10:29

Instrument :

BNA_G

ClientSampleId :

PB152346TB

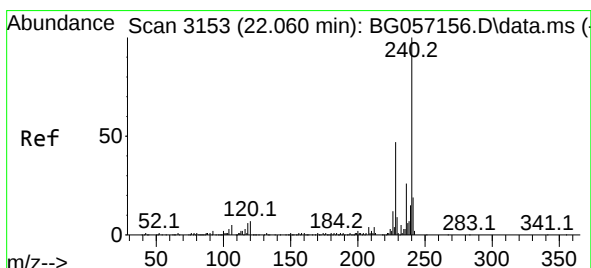
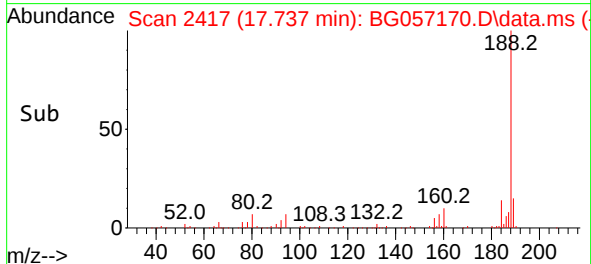
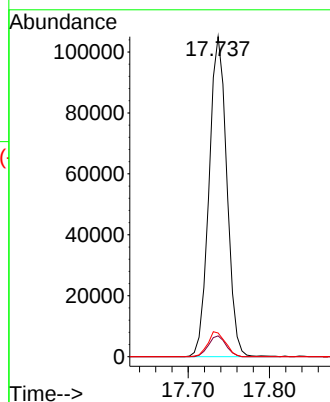
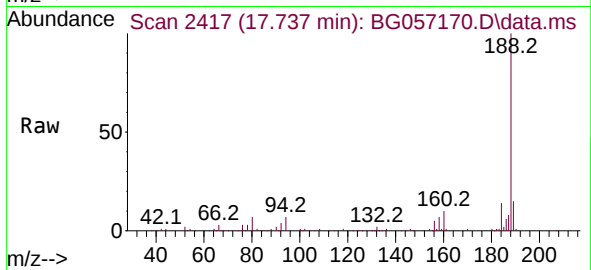
Tgt Ion:188 Resp: 159309

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 7.4 6.2 9.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.049 min Scan# 3151

Delta R.T. -0.011 min

Lab File: BG057170.D

Acq: 25 Apr 2023 10:29

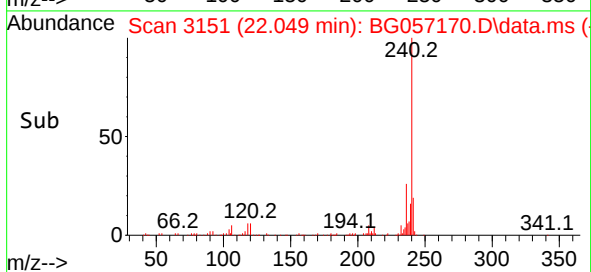
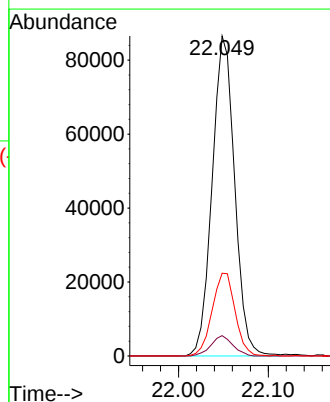
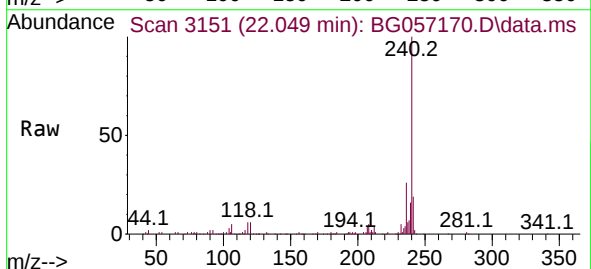
Tgt Ion:240 Resp: 150284

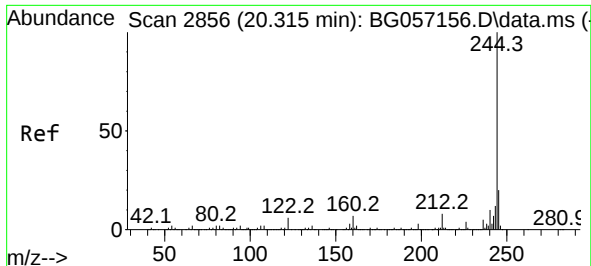
Ion Ratio Lower Upper

240 100

120 6.4 5.5 8.3

236 25.8 20.8 31.2

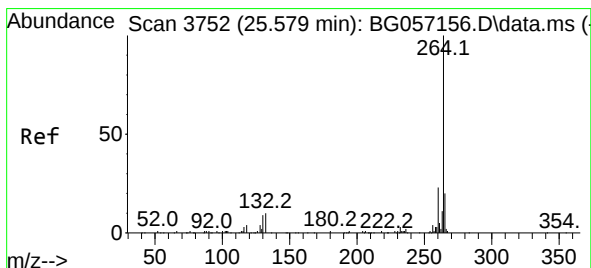
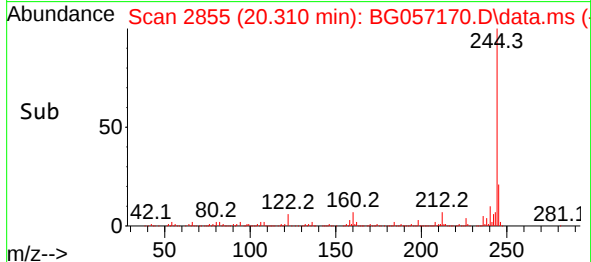
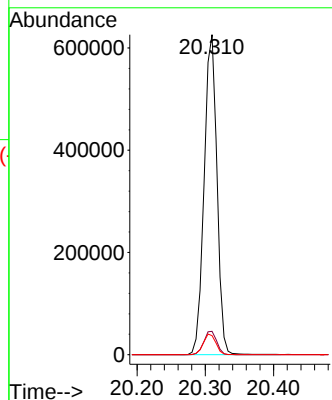
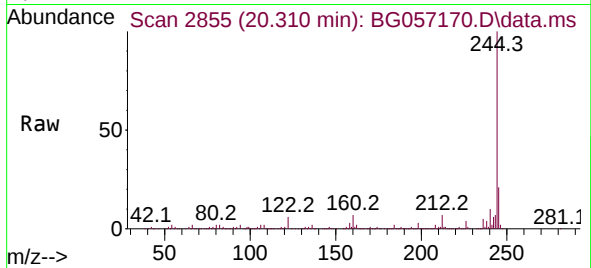




#79
 Terphenyl-d14
 Concen: 95.241 ng
 RT: 20.310 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057170.D
 Acq: 25 Apr 2023 10:29

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB

Tgt Ion:244 Resp: 818312
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 6.0 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.573 min Scan# 3751
 Delta R.T. -0.006 min
 Lab File: BG057170.D
 Acq: 25 Apr 2023 10:29

Tgt Ion:264 Resp: 153338
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.7 16.4 24.6

