

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057423.D
 Acq On : 13 May 2023 1:55
 Operator : CG/JU
 Sample : PB152676TB
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152676TB

Quant Time: May 13 03:14:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.363	152	14543	20.000	ng	0.00
21) Naphthalene-d8	11.200	136	60603	20.000	ng	0.00
39) Acenaphthene-d10	14.978	164	50449	20.000	ng	0.00
64) Phenanthrene-d10	17.715	188	137276	20.000	ng	0.00
76) Chrysene-d12	22.021	240	127714	20.000	ng	-0.01
86) Perylene-d12	25.522	264	133032	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.878	112	129085	151.835	ng	0.00
7) Phenol-d6	7.505	99	187997	145.620	ng	0.00
23) Nitrobenzene-d5	9.544	82	119555	82.798	ng	0.00
42) 2,4,6-Tribromophenol	16.458	330	109808	153.402	ng	0.00
45) 2-Fluorobiphenyl	13.603	172	327527	87.437	ng	0.00
79) Terphenyl-d14	20.288	244	721855	92.238	ng	0.00

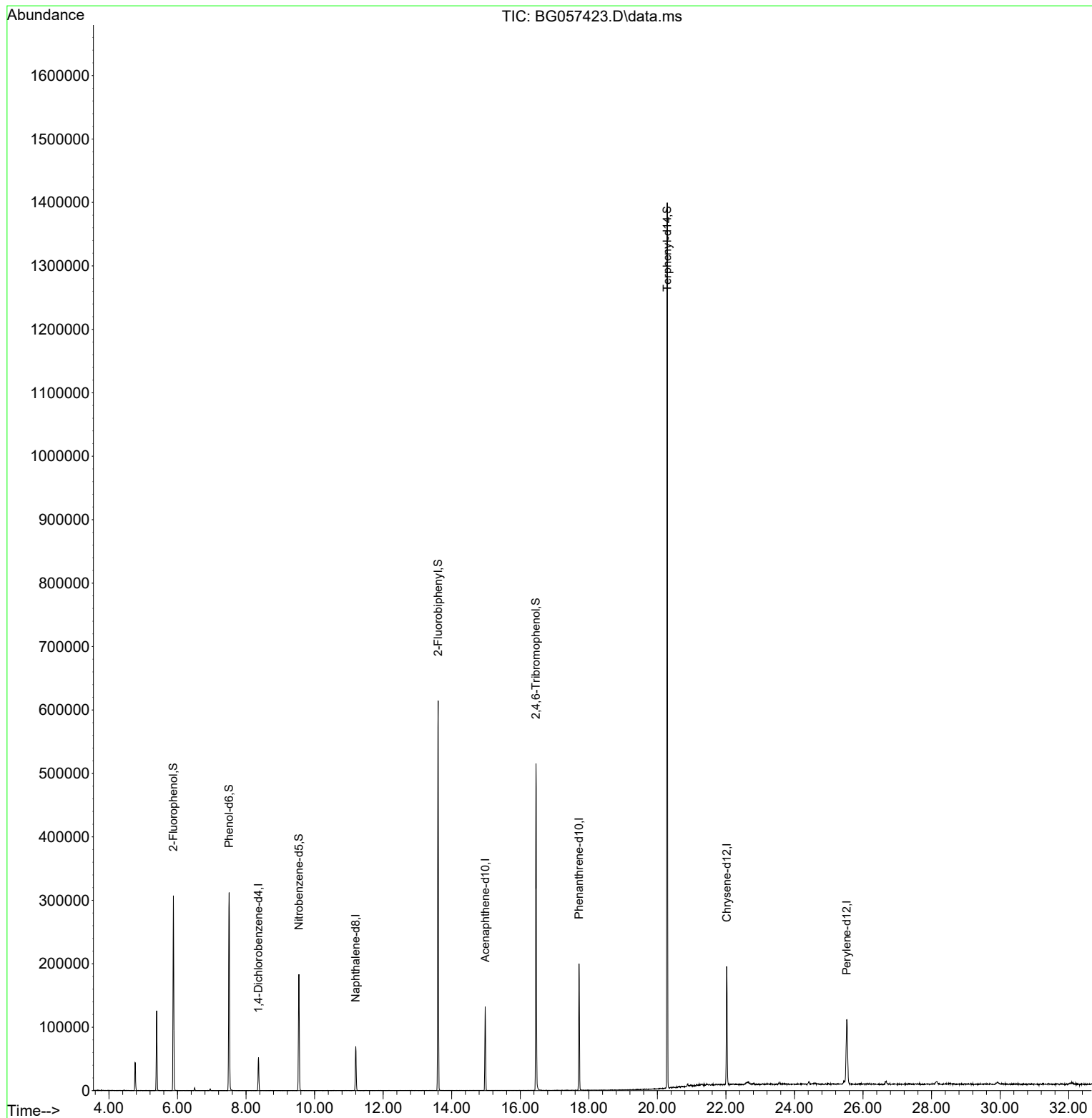
Target Compounds	Qvalue

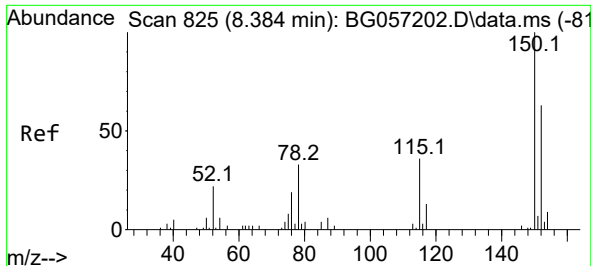
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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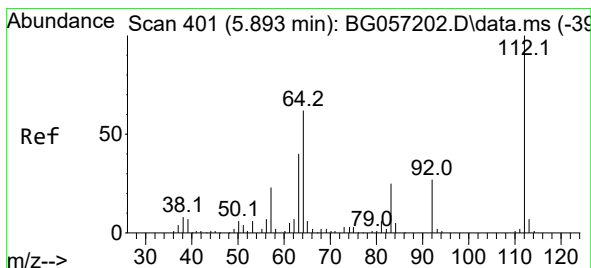
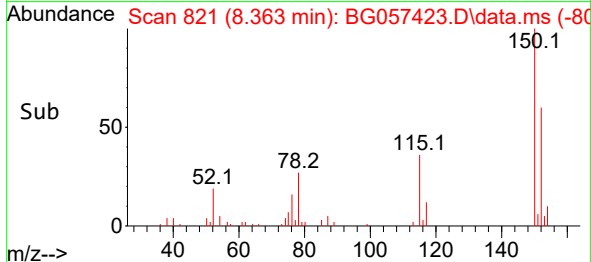
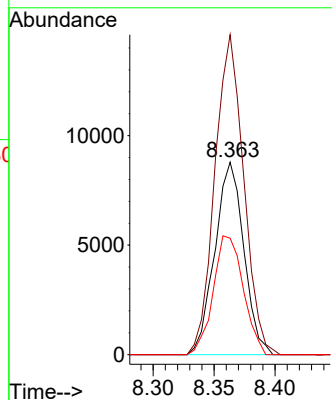
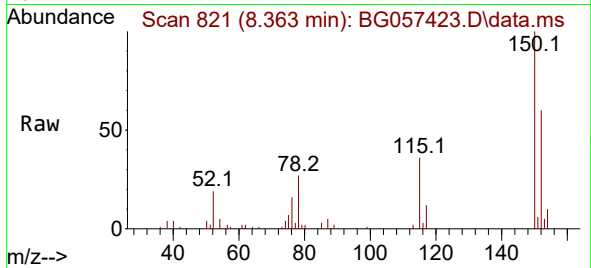




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.363 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

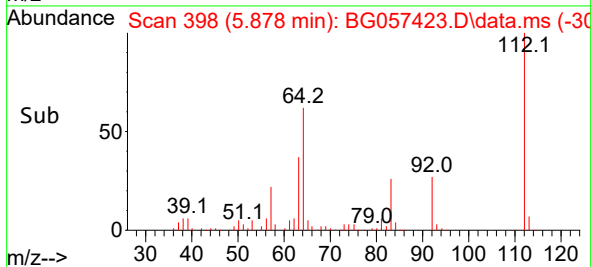
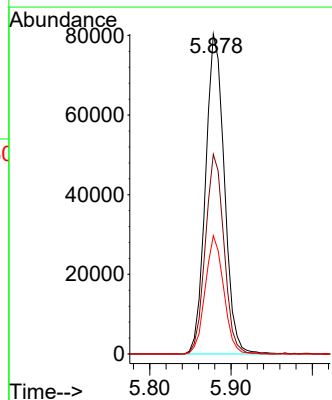
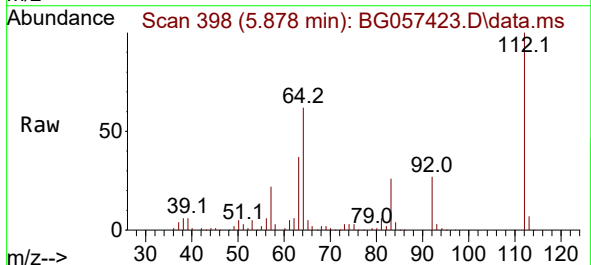
Instrument :
BNA_G
ClientSampleId :
PB152676TB

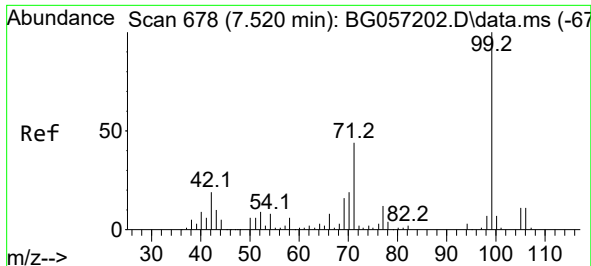
Tgt Ion:152 Resp: 14543
Ion Ratio Lower Upper
152 100
150 166.3 126.2 189.4
115 60.5 45.0 67.4



#5
2-Fluorophenol
Concen: 151.835 ng
RT: 5.878 min Scan# 398
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:112 Resp: 129085
Ion Ratio Lower Upper
112 100
64 62.4 49.4 74.2
63 36.9 31.6 47.4

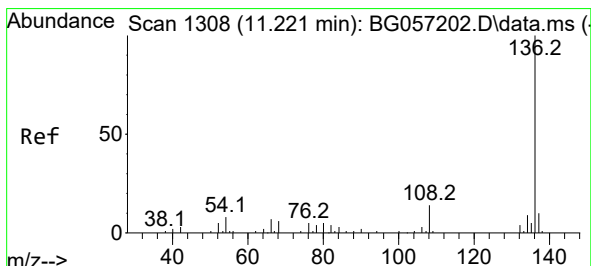
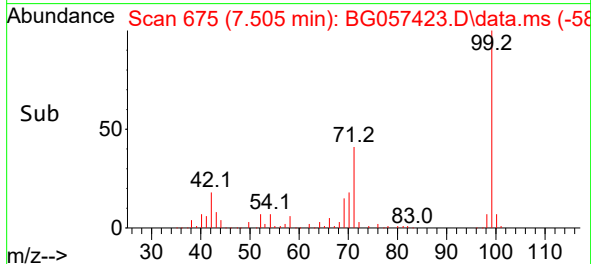
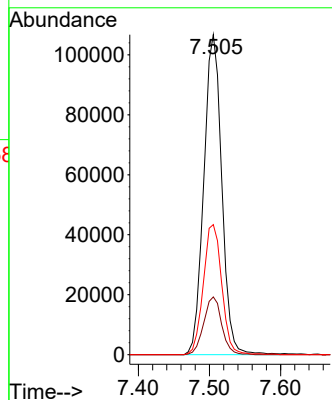
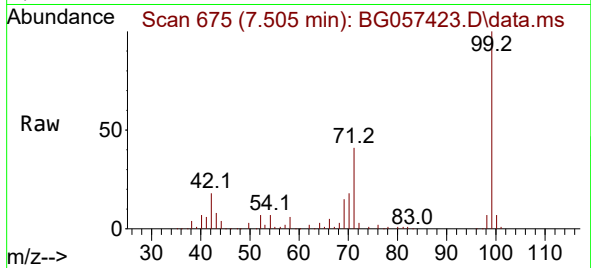




#7
Phenol-d6
Concen: 145.620 ng
RT: 7.505 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

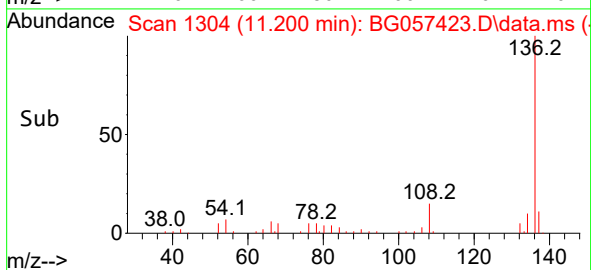
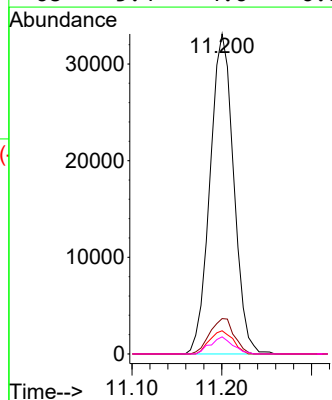
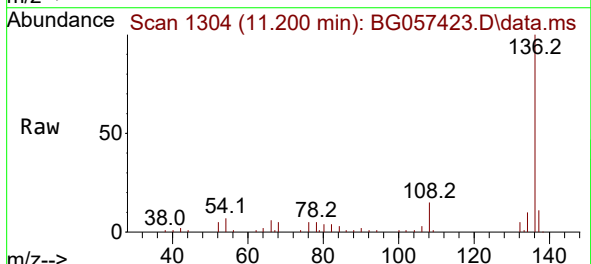
Instrument :
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ClientSampleId :
PB152676TB

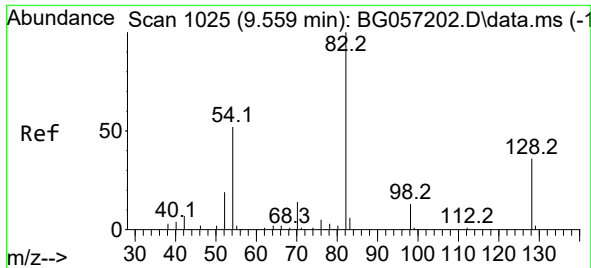
Tgt Ion: 99 Resp: 187997
Ion Ratio Lower Upper
99 100
42 18.0 15.1 22.7
71 40.7 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.200 min Scan# 1304
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion: 136 Resp: 60603
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 7.3 6.7 10.1
68 5.4 4.6 6.8

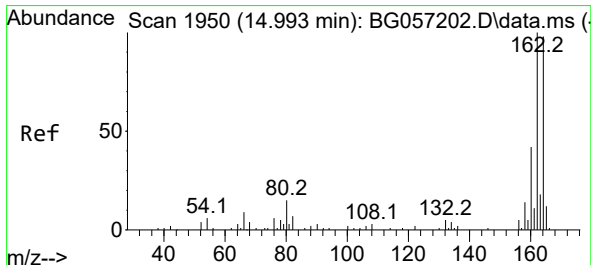
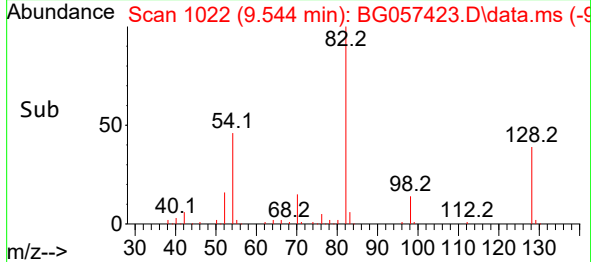
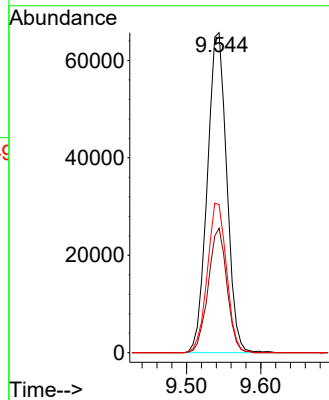
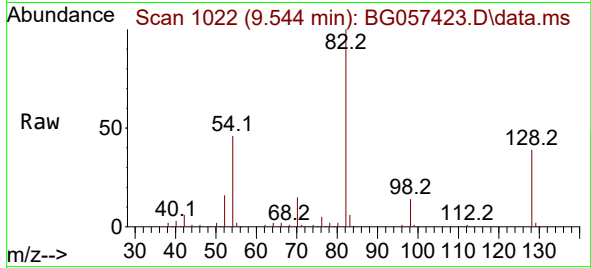




#23
Nitrobenzene-d5
Concen: 82.798 ng
RT: 9.544 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

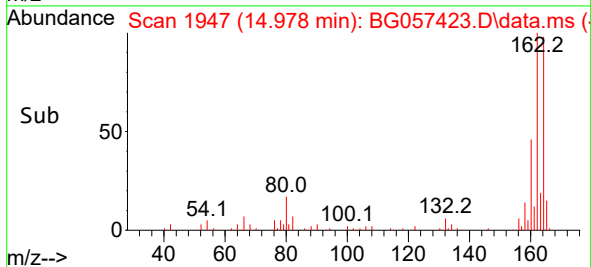
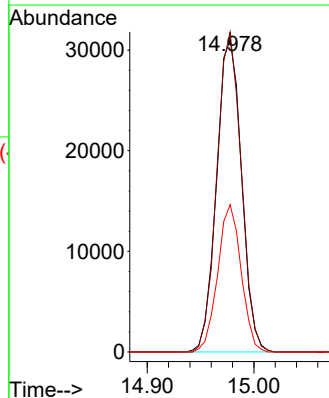
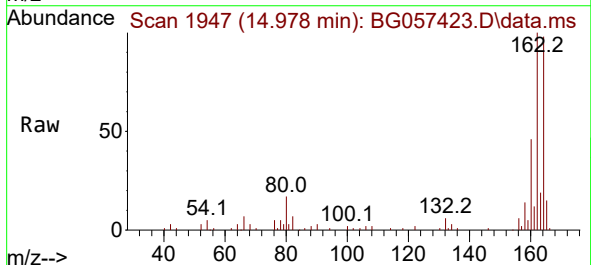
Instrument :
BNA_G
ClientSampleId :
PB152676TB

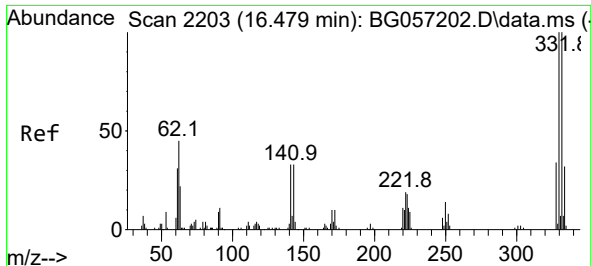
Tgt Ion: 82 Resp: 119555
Ion Ratio Lower Upper
82 100
128 38.9 29.0 43.4
54 46.2 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.978 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:164 Resp: 50449
Ion Ratio Lower Upper
164 100
162 102.4 81.8 122.6
160 47.2 34.6 52.0

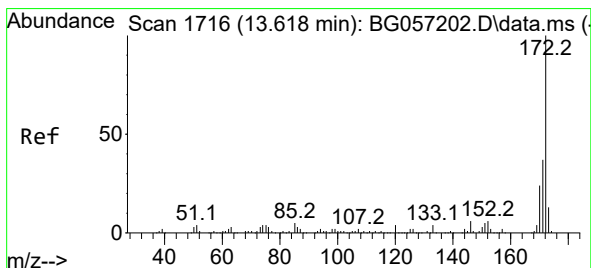
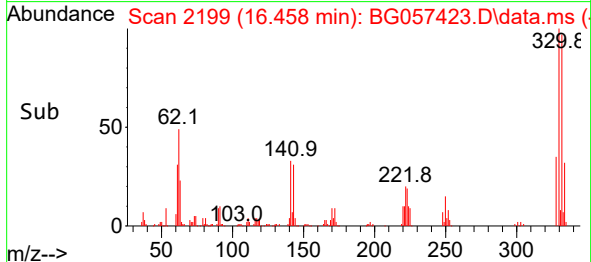
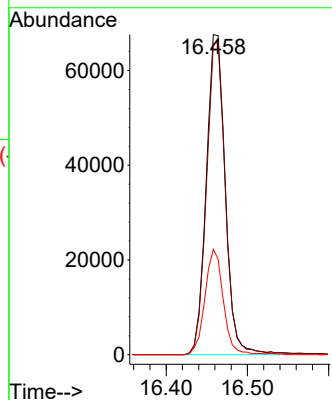
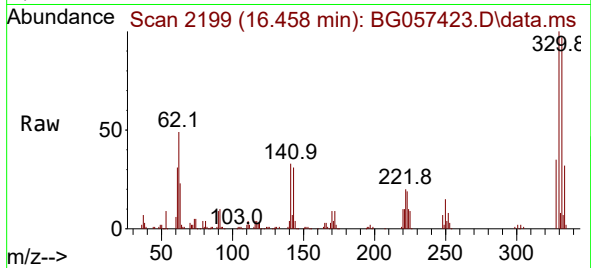




#42
2,4,6-Tribromophenol
Concen: 153.402 ng
RT: 16.458 min Scan# 2199
Delta R.T. -0.006 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

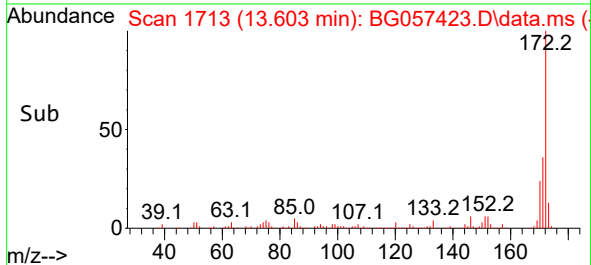
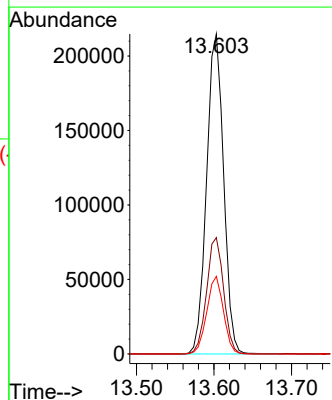
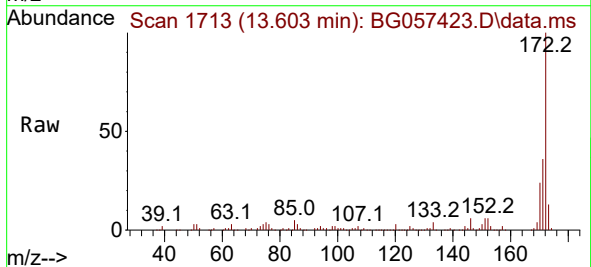
Instrument :
BNA_G
ClientSampleId :
PB152676TB

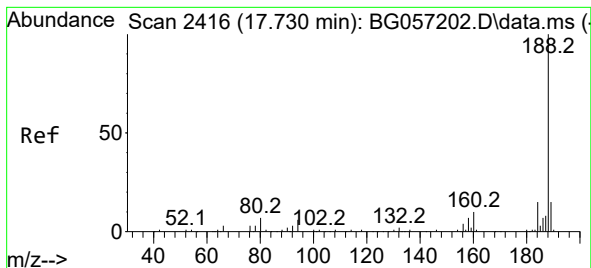
Tgt Ion:330 Resp: 109808
Ion Ratio Lower Upper
330 100
332 97.1 78.2 117.2
141 31.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 87.437 ng
RT: 13.603 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BG057423.D
Acq: 13 May 2023 1:55

Tgt Ion:172 Resp: 327527
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.3 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.715 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Instrument :

BNA_G

ClientSampleId :

PB152676TB

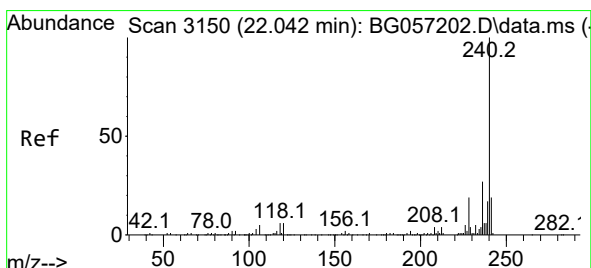
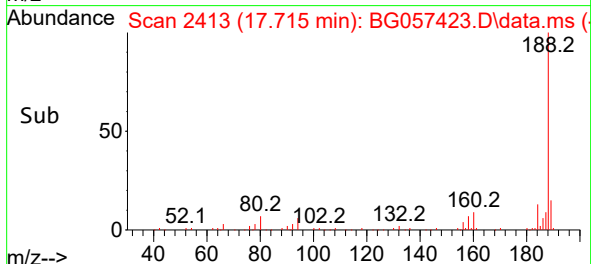
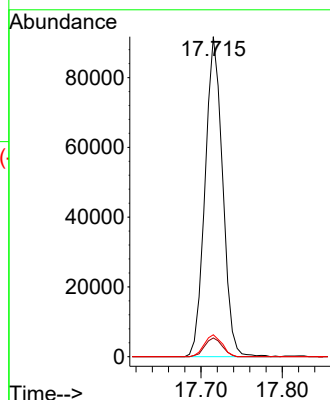
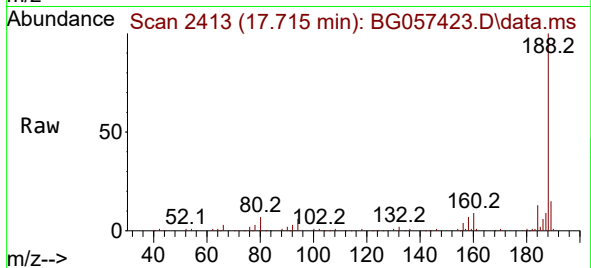
Tgt Ion:188 Resp: 137276

Ion Ratio Lower Upper

188 100

94 5.9 5.1 7.7

80 6.9 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.021 min Scan# 3146

Delta R.T. -0.012 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

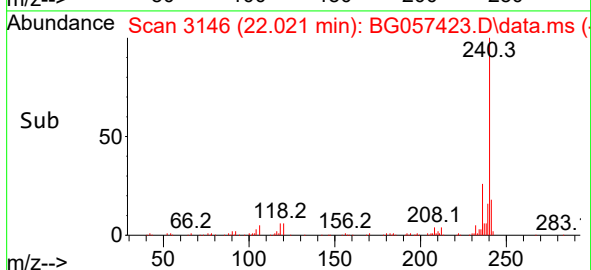
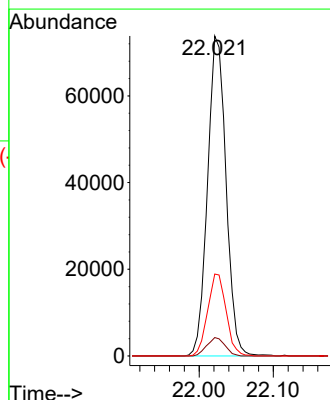
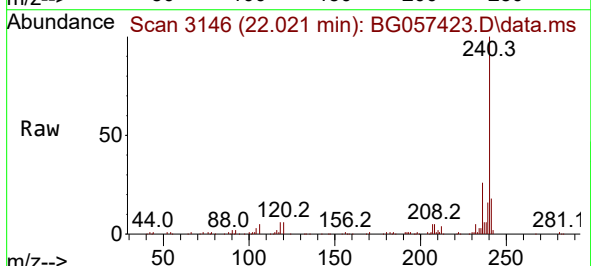
Tgt Ion:240 Resp: 127714

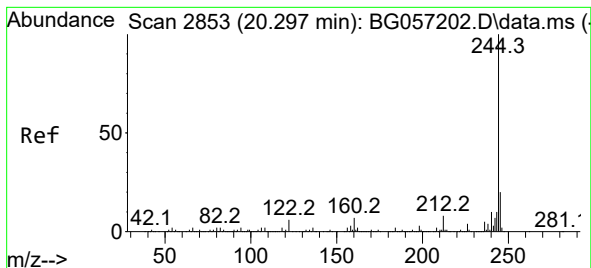
Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

236 25.6 21.4 32.2





#79

Terphenyl-d14

Concen: 92.238 ng

RT: 20.288 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Instrument :

BNA_G

ClientSampleId :

PB152676TB

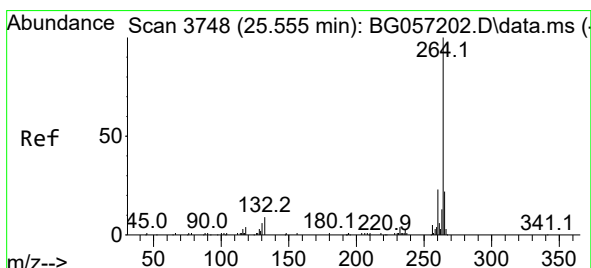
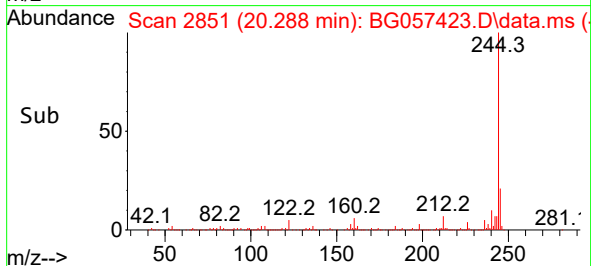
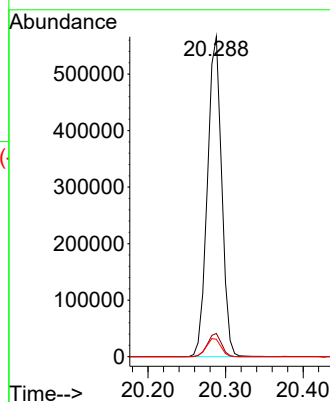
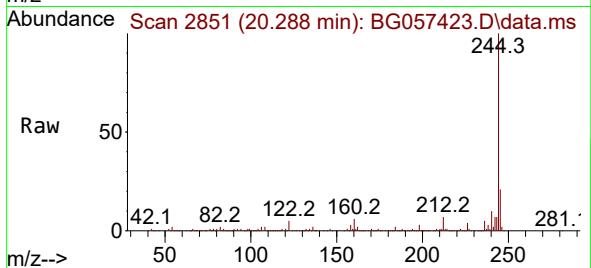
Tgt Ion:244 Resp: 721855

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.4 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.522 min Scan# 3742

Delta R.T. -0.012 min

Lab File: BG057423.D

Acq: 13 May 2023 1:55

Tgt Ion:264 Resp: 133032

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 22.2 17.9 26.9

