

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062223\
 Data File : BG057816.D
 Acq On : 22 Jun 2023 20:17
 Operator : CG/JU
 Sample : PB153530TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153530TB

Quant Time: Jun 23 03:45:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.919	152	31335	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	138341	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	100188	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	262633	20.000	ng	0.00
76) Chrysene-d12	21.550	240	254543	20.000	ng	0.00
86) Perylene-d12	24.694	264	307304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	301928	148.570	ng	0.00
7) Phenol-d6	7.079	99	427216	137.773	ng	0.00
23) Nitrobenzene-d5	9.083	82	239316	88.785	ng	0.00
42) 2,4,6-Tribromophenol	16.039	330	200573	143.717	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	579361	87.709	ng	0.00
79) Terphenyl-d14	19.917	244	1215670	89.055	ng	0.00

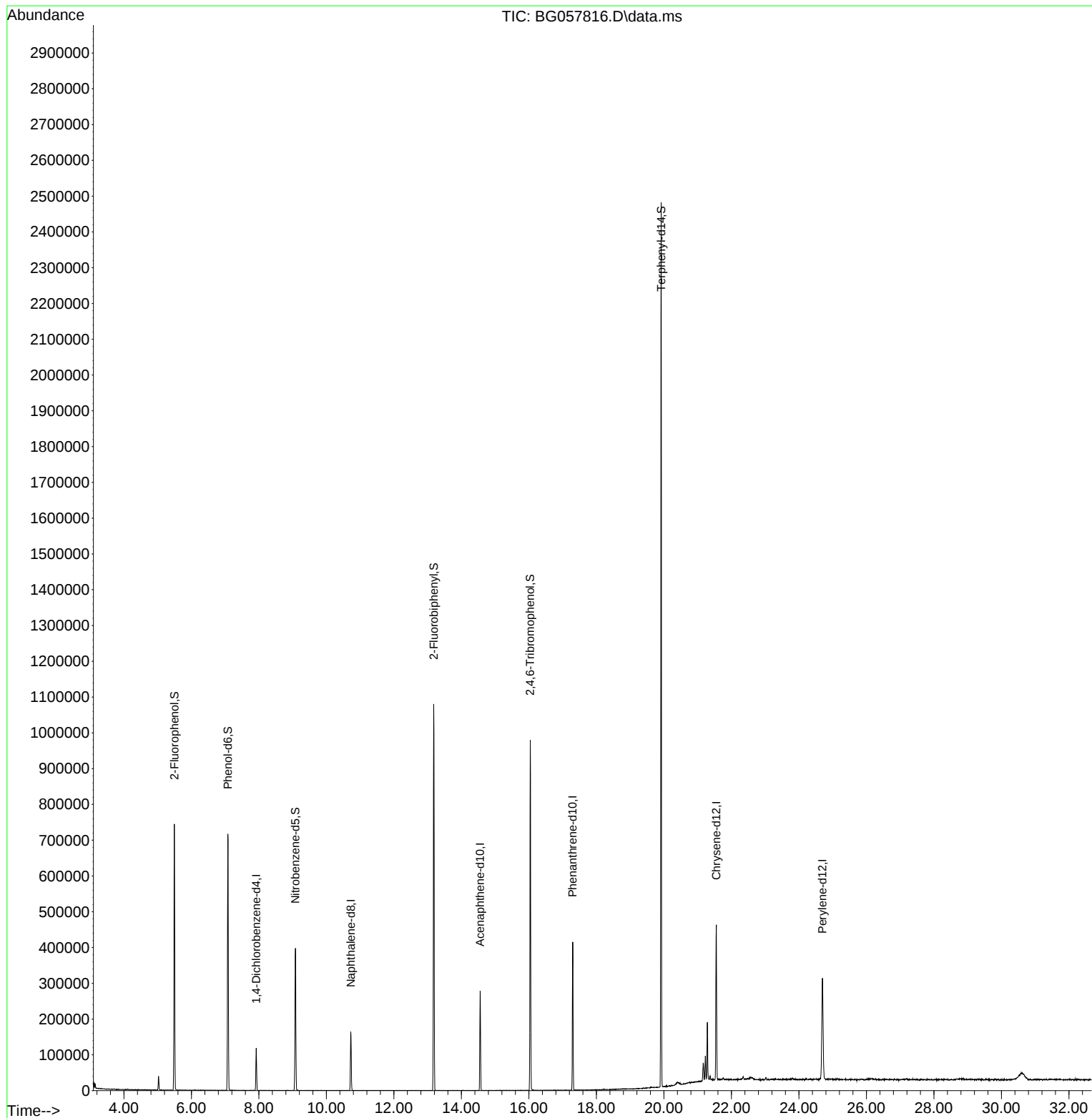
Target Compounds	Qvalue

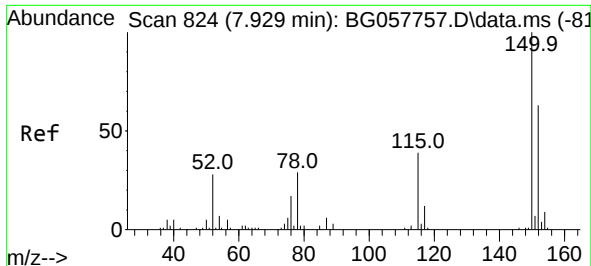
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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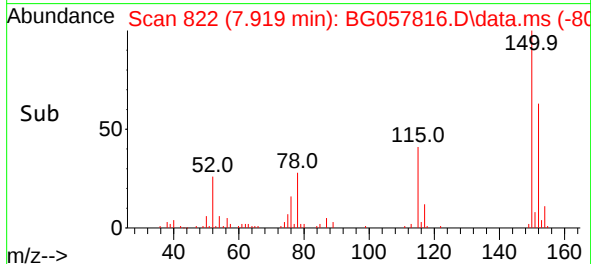
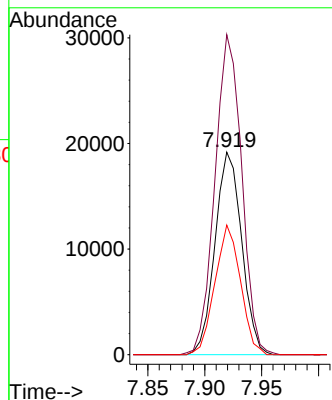
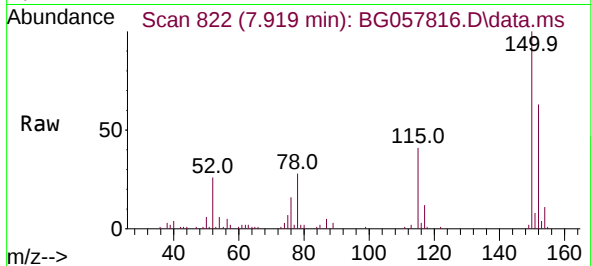




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.919 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

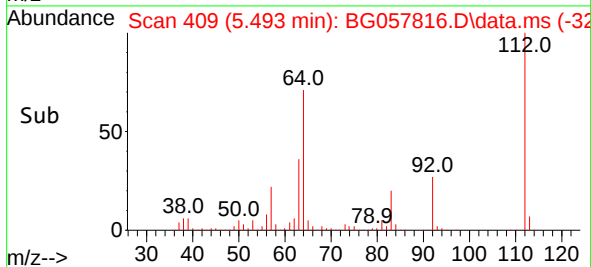
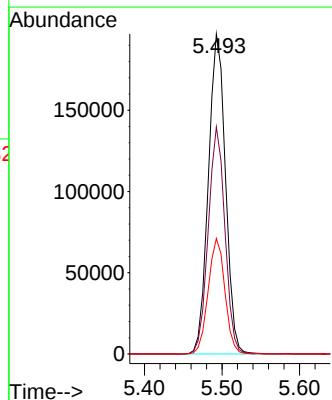
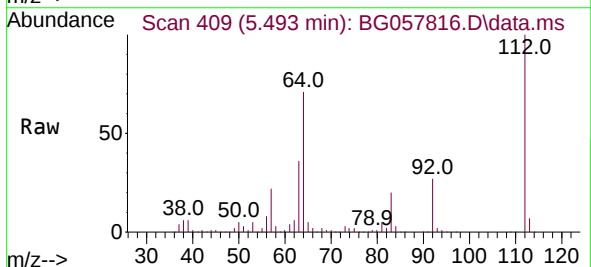
Instrument :
BNA_G
ClientSampleId :
PB153530TB

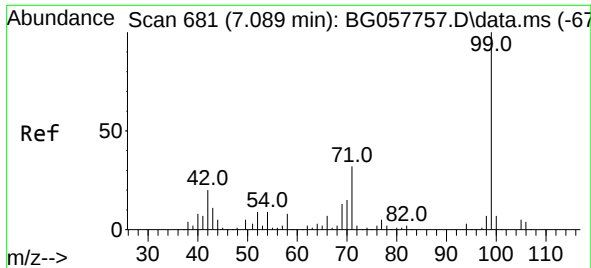
Tgt Ion:152 Resp: 31335
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 64.0 48.9 73.3



#5
2-Fluorophenol
Concen: 148.570 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion:112 Resp: 301928
Ion Ratio Lower Upper
112 100
64 71.0 62.1 93.1
63 36.1 31.5 47.3

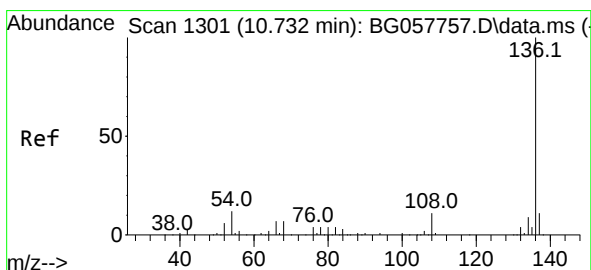
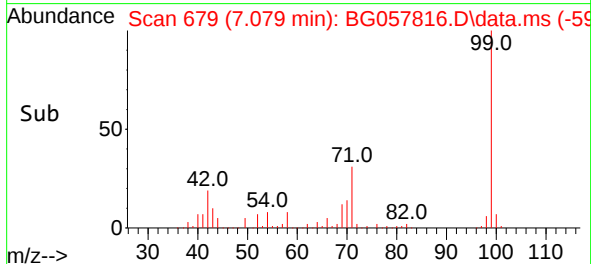
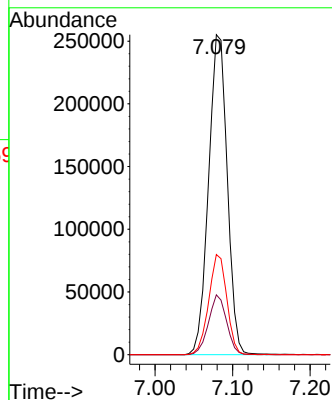
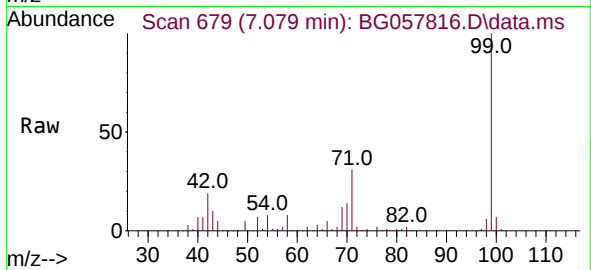




#7
Phenol-d6
Concen: 137.773 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

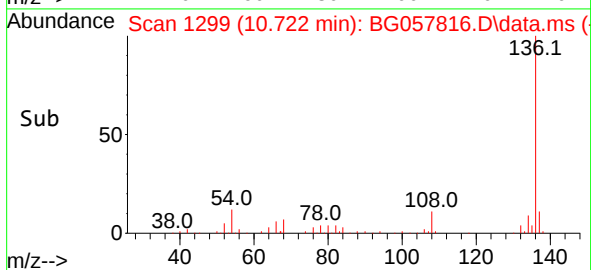
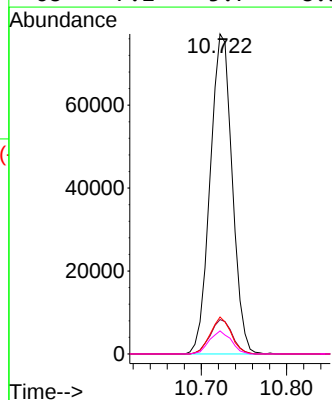
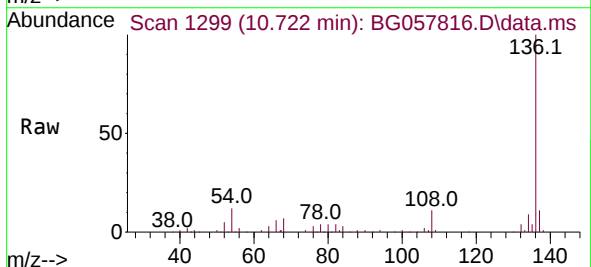
Instrument :
BNA_G
ClientSampleId :
PB153530TB

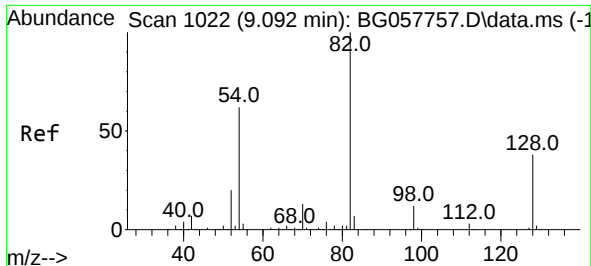
Tgt Ion: 99 Resp: 427216
Ion Ratio Lower Upper
99 100
42 18.7 16.4 24.6
71 31.3 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion: 136 Resp: 138341
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 11.6 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 88.785 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

Instrument :

BNA_G

ClientSampleId :

PB153530TB

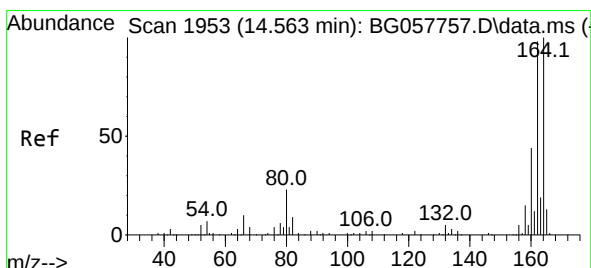
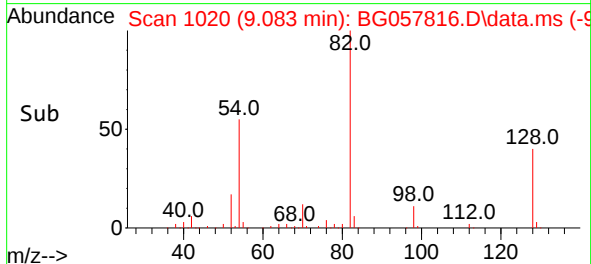
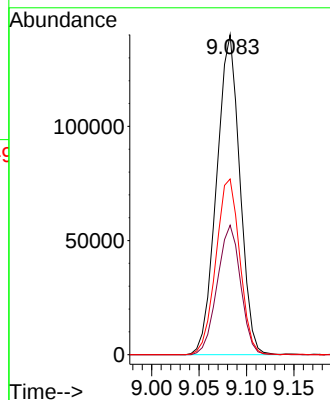
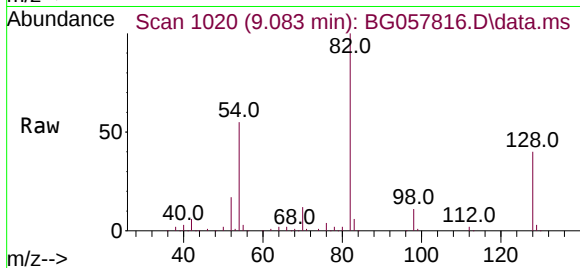
Tgt Ion: 82 Resp: 239316

Ion Ratio Lower Upper

82 100

128 40.5 30.7 46.1

54 54.9 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

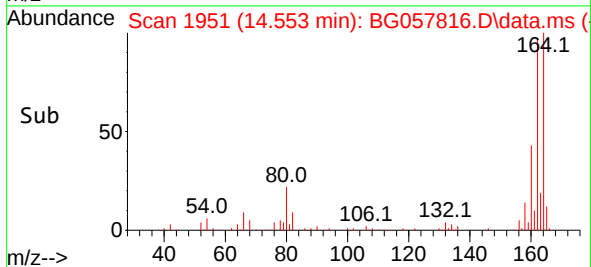
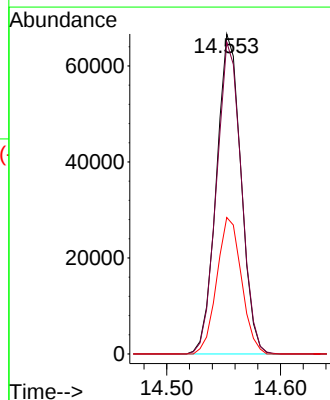
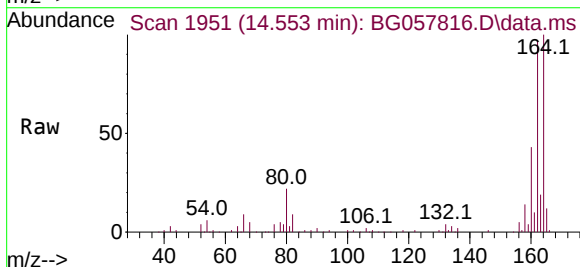
Tgt Ion:164 Resp: 100188

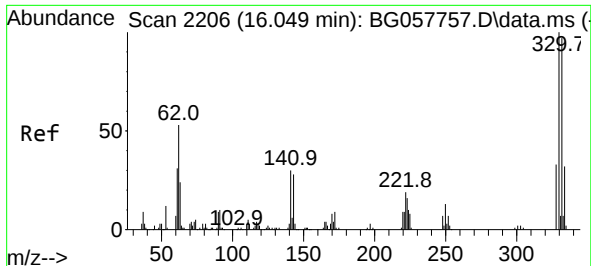
Ion Ratio Lower Upper

164 100

162 97.4 78.3 117.5

160 42.7 35.4 53.0

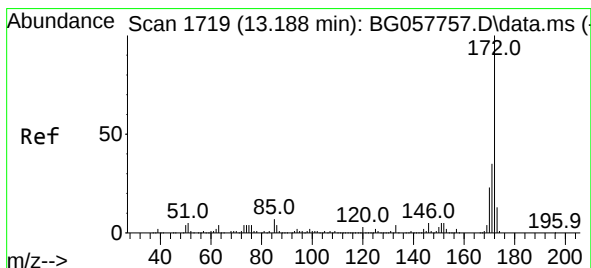
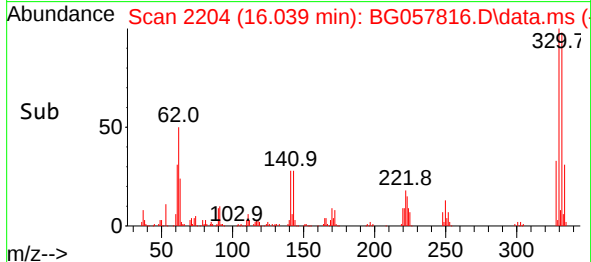
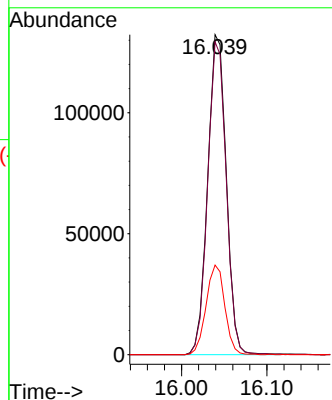
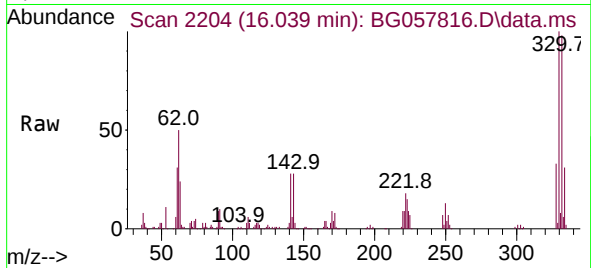




#42
2,4,6-Tribromophenol
Concen: 143.717 ng
RT: 16.039 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

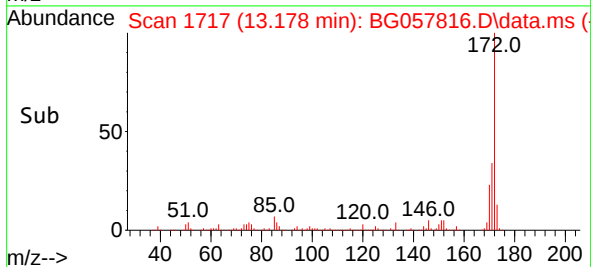
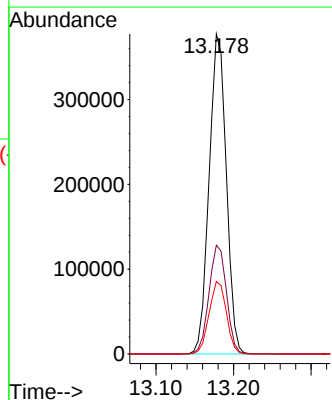
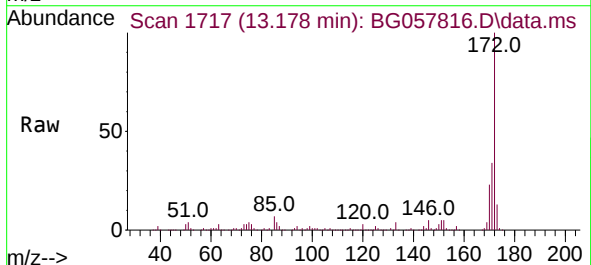
Instrument :
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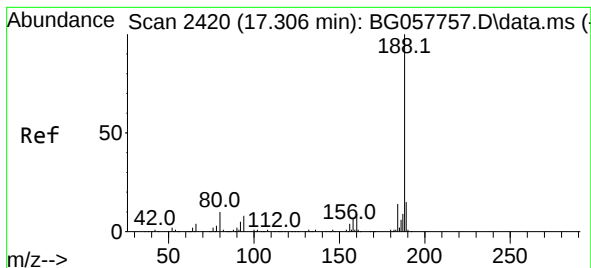
Tgt Ion:330 Resp: 200573
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 28.1 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 87.709 ng
RT: 13.178 min Scan# 1717
Delta R.T. -0.010 min
Lab File: BG057816.D
Acq: 22 Jun 2023 20:17

Tgt Ion:172 Resp: 579361
Ion Ratio Lower Upper
172 100
171 34.0 28.1 42.1
170 22.7 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 24

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

Instrument :

BNA_G

ClientSampleId :

PB153530TB

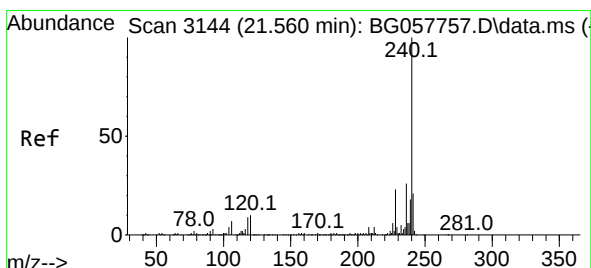
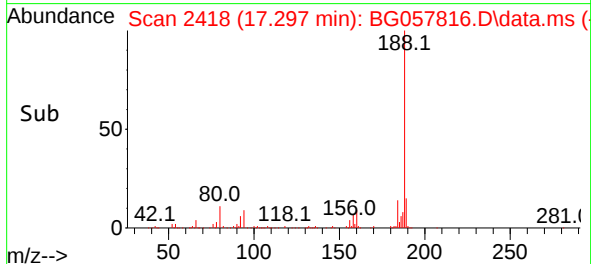
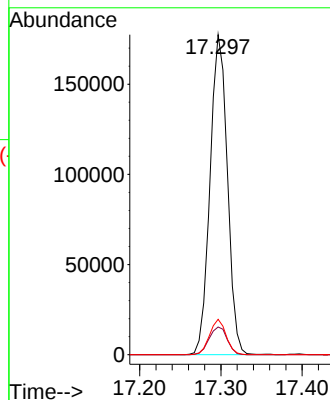
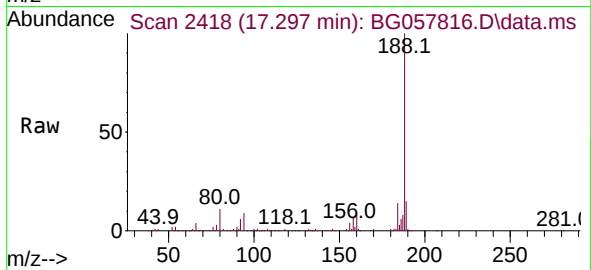
Tgt Ion:188 Resp: 262633

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 11.1 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.550 min Scan# 3142

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

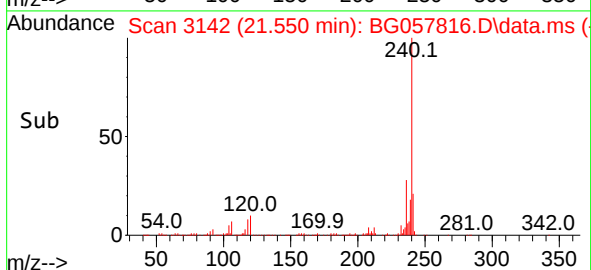
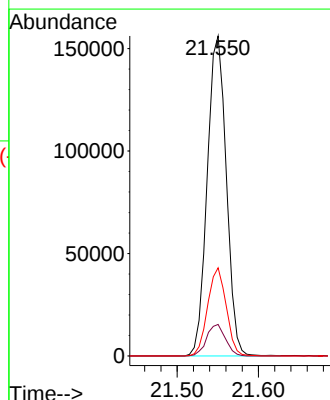
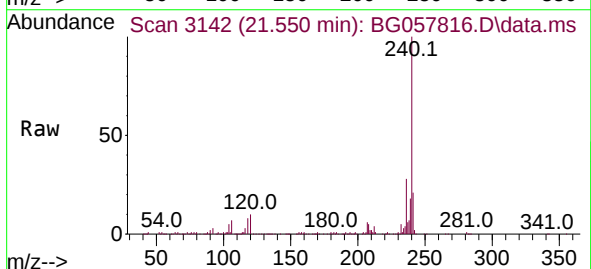
Tgt Ion:240 Resp: 254543

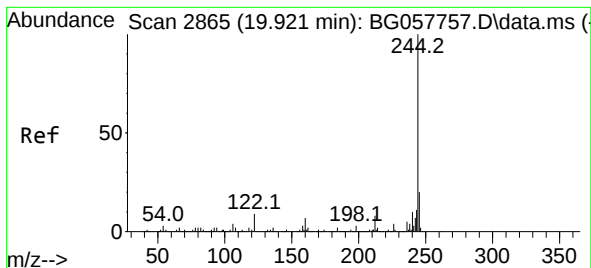
Ion Ratio Lower Upper

240 100

120 9.9 8.1 12.1

236 27.6 20.6 30.8





#79

Terphenyl-d14

Concen: 89.055 ng

RT: 19.917 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

Instrument :

BNA_G

ClientSampleId :

PB153530TB

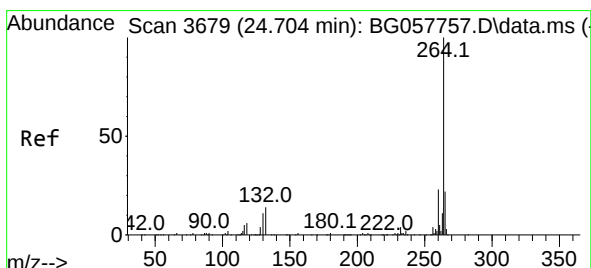
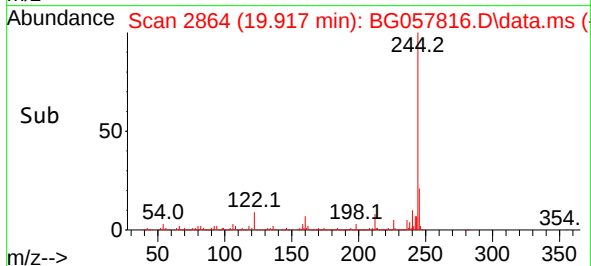
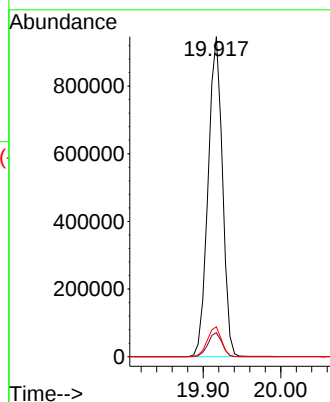
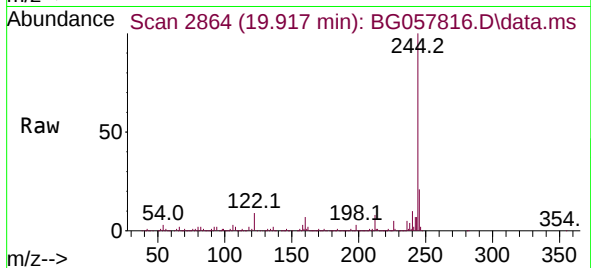
Tgt Ion:244 Resp: 1215670

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

122 9.4 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.694 min Scan# 3677

Delta R.T. -0.010 min

Lab File: BG057816.D

Acq: 22 Jun 2023 20:17

Tgt Ion:264 Resp: 307304

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

265 21.4 17.4 26.2

