

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
 Data File : BG057518.D
 Acq On : 23 May 2023 13:54
 Operator : CG/JU
 Sample : 02867-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP16

Quant Time: May 23 14:40:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:19:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.358	152	19516	20.000	ng	0.00
21) Naphthalene-d8	11.196	136	72834	20.000	ng	0.00
39) Acenaphthene-d10	14.973	164	51306	20.000	ng	0.00
64) Phenanthrene-d10	17.710	188	131516	20.000	ng	0.00
76) Chrysene-d12	22.016	240	129934	20.000	ng	0.00
86) Perylene-d12	25.517	264	138812	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.873	112	91385	80.100	ng	0.00
7) Phenol-d6	7.501	99	132999	76.768	ng	0.00
23) Nitrobenzene-d5	9.533	82	83229	47.961	ng	0.00
42) 2,4,6-Tribromophenol	16.453	330	65851	90.457	ng	0.00
45) 2-Fluorobiphenyl	13.598	172	196097	51.476	ng	0.00
79) Terphenyl-d14	20.277	244	379684	47.687	ng	0.00

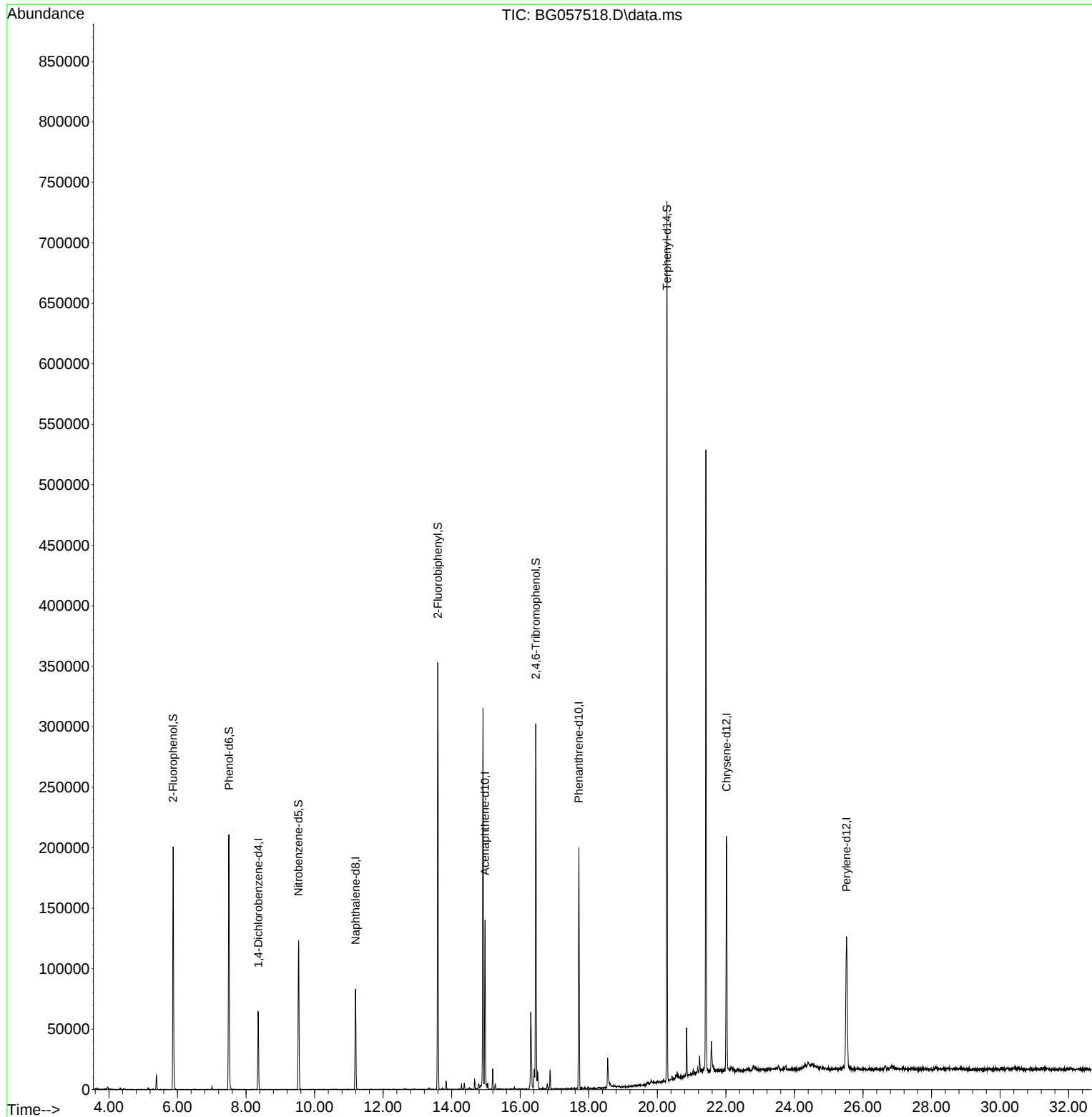
Target Compounds	Qvalue

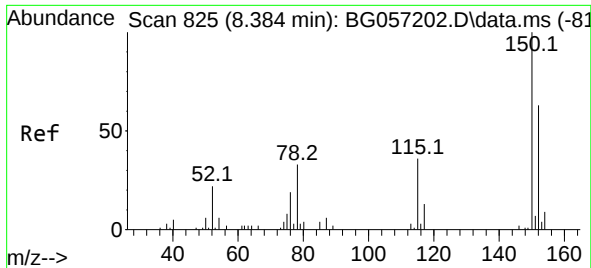
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052323\
Data File : BG057518.D
Acq On : 23 May 2023 13:54
Operator : CG/JU
Sample : 02867-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP16

Quant Time: May 23 14:40:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 20 04:19:55 2023
Response via : Initial Calibration

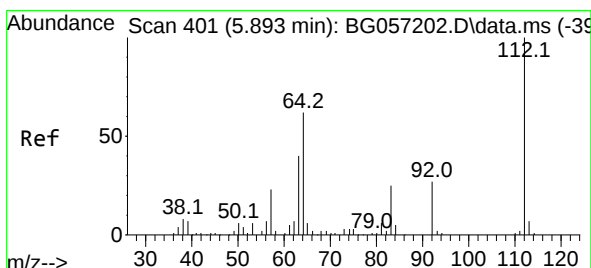
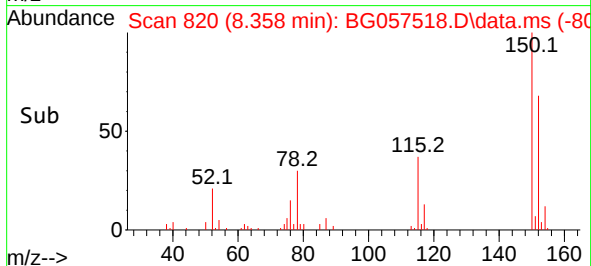
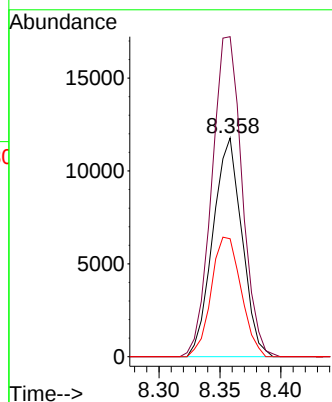
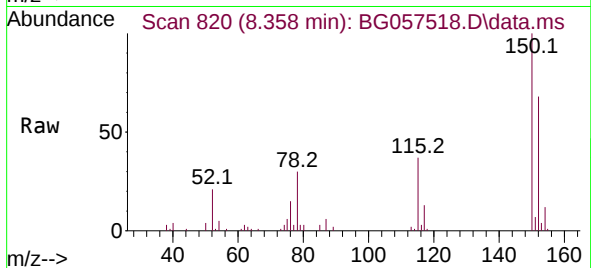




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.358 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

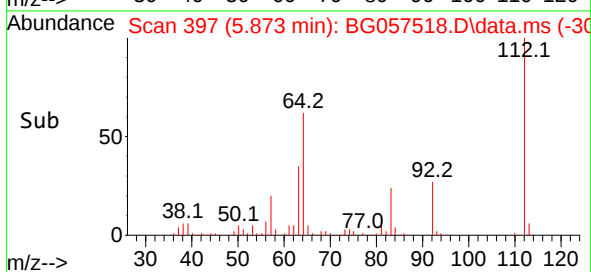
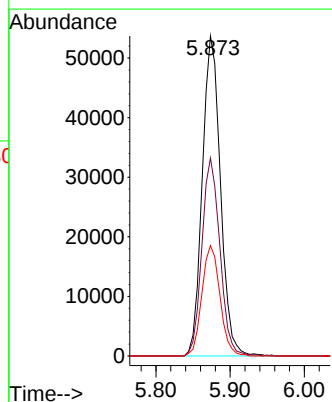
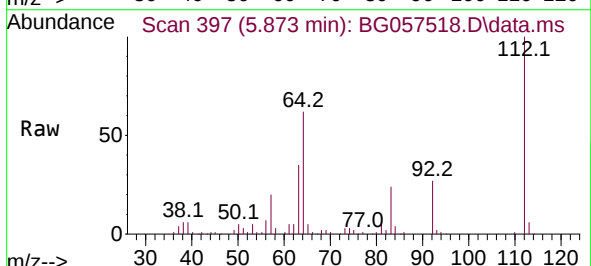
Instrument :
BNA_G
ClientSampleId :
TP16

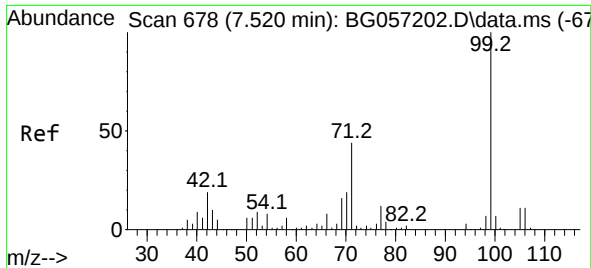
Tgt Ion:152 Resp: 19516
Ion Ratio Lower Upper
152 100
150 146.3 126.2 189.4
115 53.9 45.0 67.4



#5
2-Fluorophenol
Concen: 80.100 ng
RT: 5.873 min Scan# 397
Delta R.T. 0.002 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion:112 Resp: 91385
Ion Ratio Lower Upper
112 100
64 61.9 49.4 74.2
63 34.5 31.6 47.4

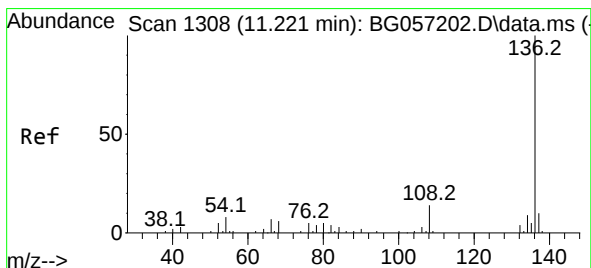
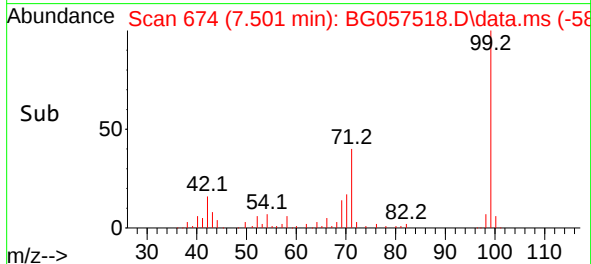
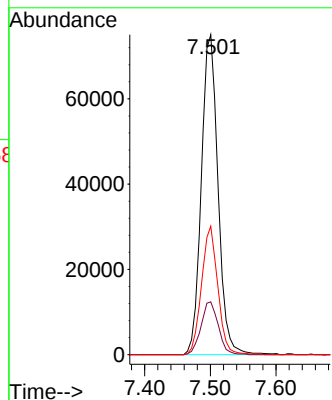
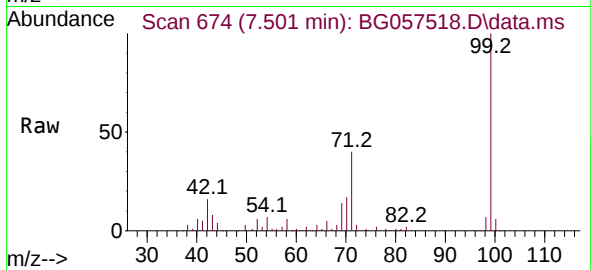




#7
Phenol-d6
Concen: 76.768 ng
RT: 7.501 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

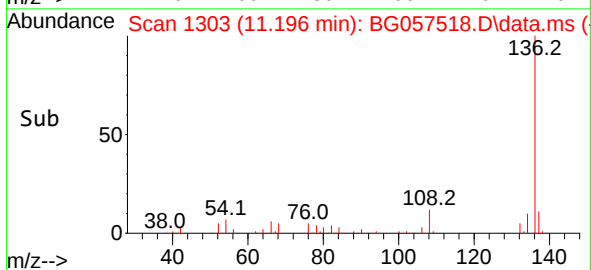
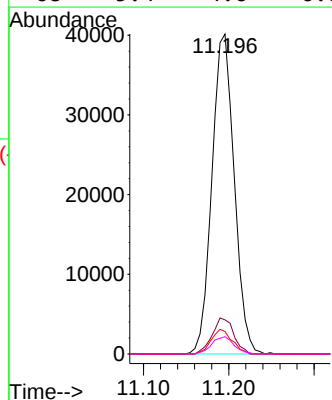
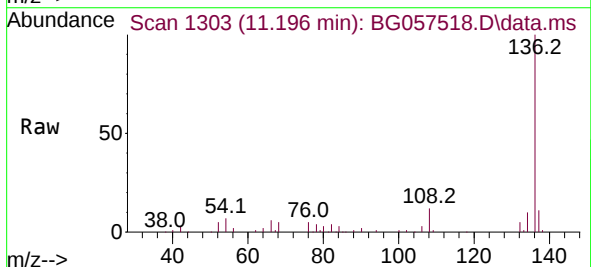
Instrument :
BNA_G
ClientSampleId :
TP16

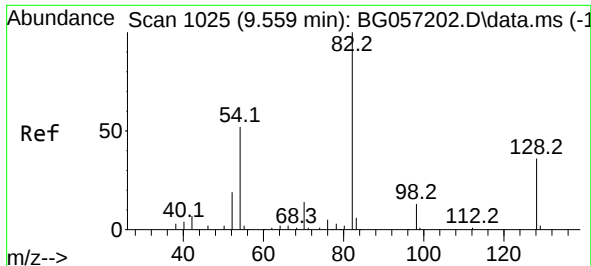
Tgt Ion: 99 Resp: 132999
Ion Ratio Lower Upper
99 100
42 16.5 15.1 22.7
71 40.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.196 min Scan# 1303
Delta R.T. -0.003 min
Lab File: BG057518.D
Acq: 23 May 2023 13:54

Tgt Ion: 136 Resp: 72834
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 7.0 6.7 10.1
68 5.4 4.6 6.8





#23

Nitrobenzene-d5

Concen: 47.961 ng

RT: 9.533 min Scan# 1020

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP16

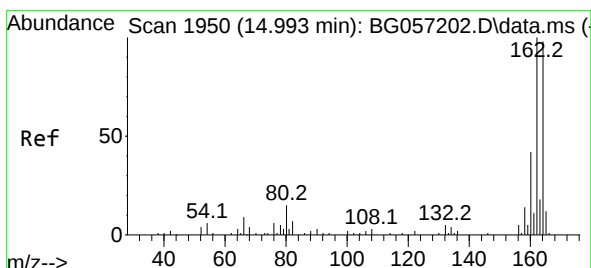
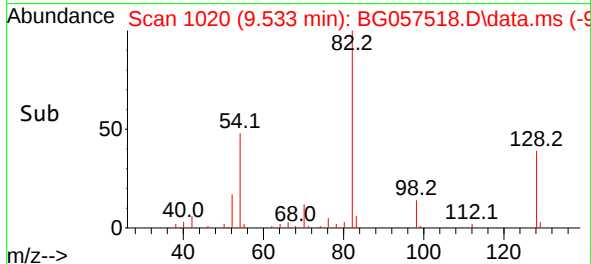
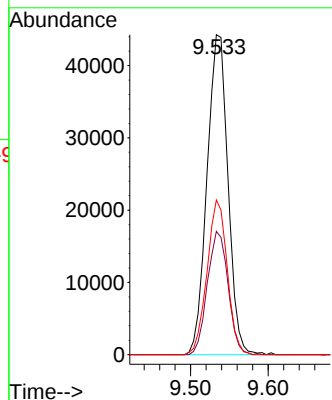
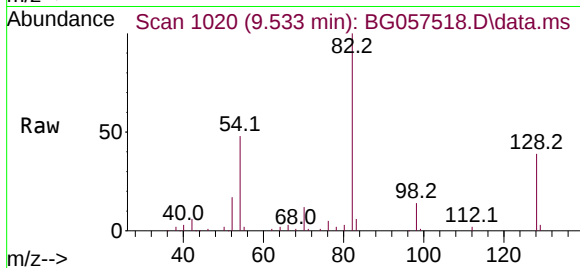
Tgt Ion: 82 Resp: 83229

Ion Ratio Lower Upper

82 100

128 38.6 29.0 43.4

54 48.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.973 min Scan# 1946

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

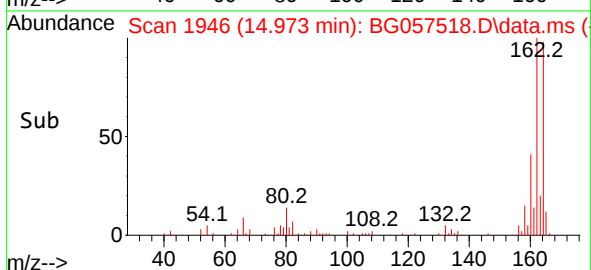
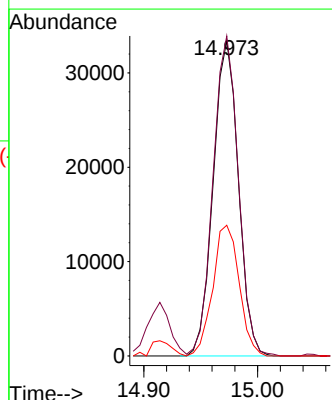
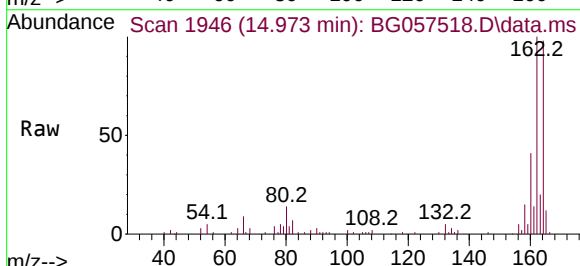
Tgt Ion:164 Resp: 51306

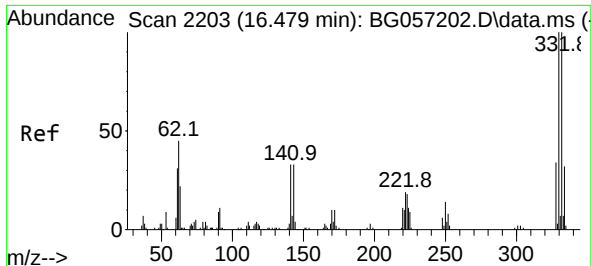
Ion Ratio Lower Upper

164 100

162 101.5 81.8 122.6

160 41.5 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 90.457 ng

RT: 16.453 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP16

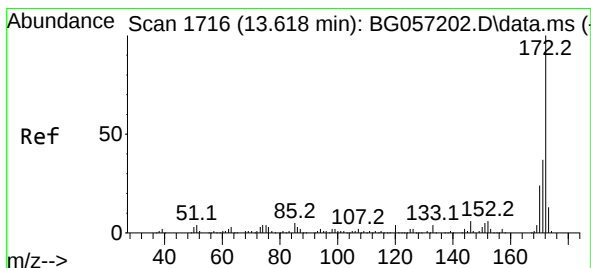
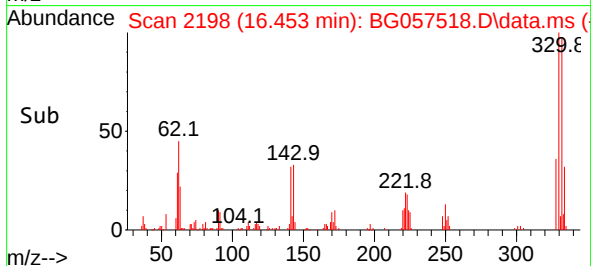
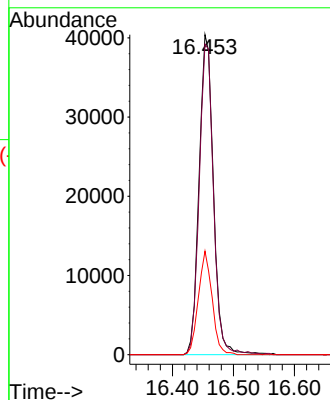
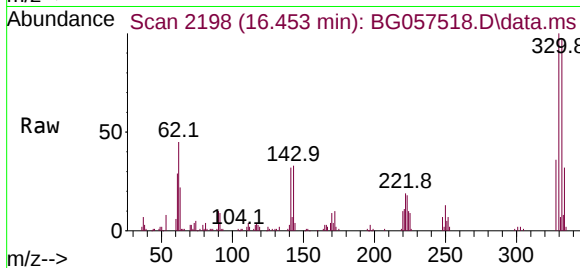
Tgt Ion:330 Resp: 65851

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.2

141 31.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 51.476 ng

RT: 13.598 min Scan# 1712

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

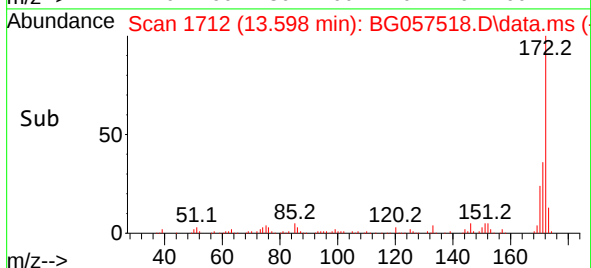
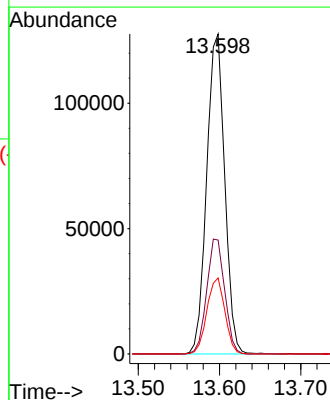
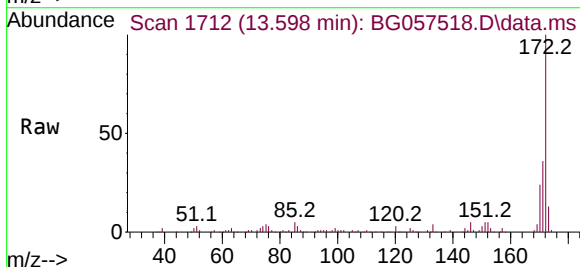
Tgt Ion:172 Resp: 196097

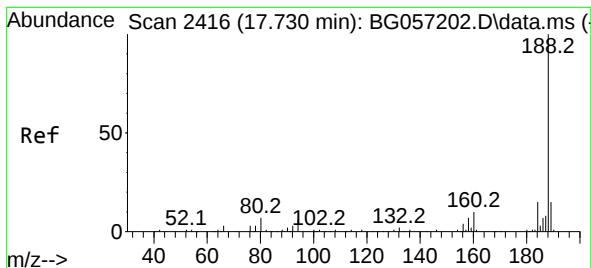
Ion Ratio Lower Upper

172 100

171 35.6 29.4 44.0

170 23.8 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.710 min Scan# 2416

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

Instrument :

BNA_G

ClientSampleId :

TP16

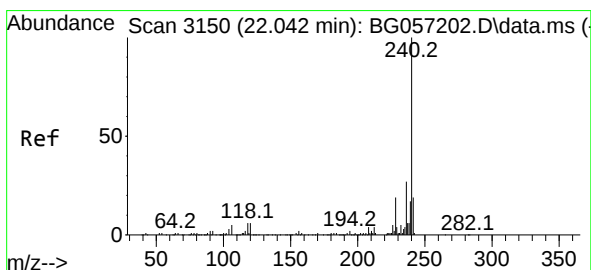
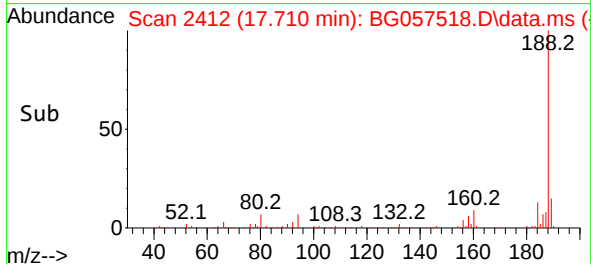
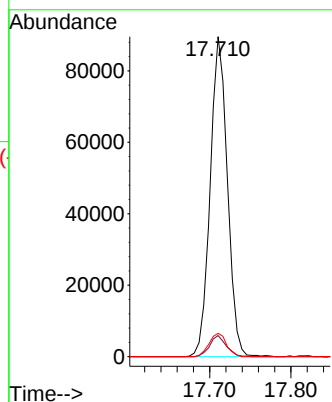
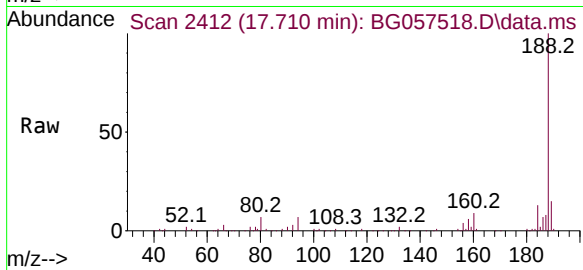
Tgt Ion:188 Resp: 131516

Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

80 7.3 5.7 8.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.016 min Scan# 3145

Delta R.T. -0.003 min

Lab File: BG057518.D

Acq: 23 May 2023 13:54

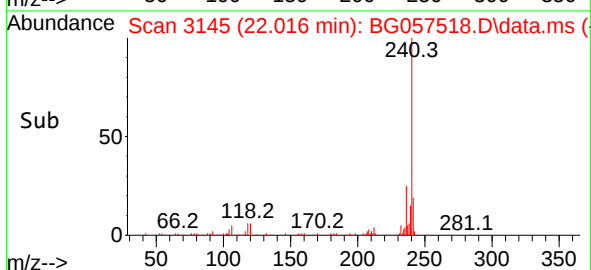
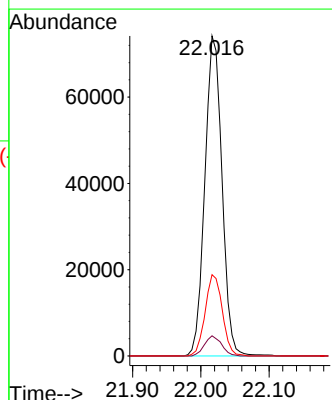
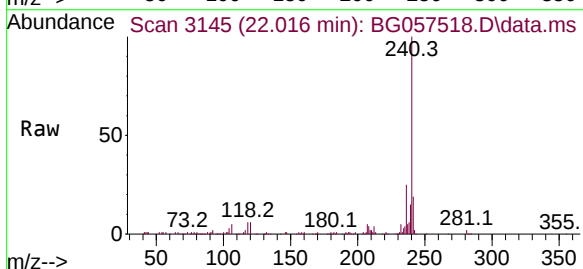
Tgt Ion:240 Resp: 129934

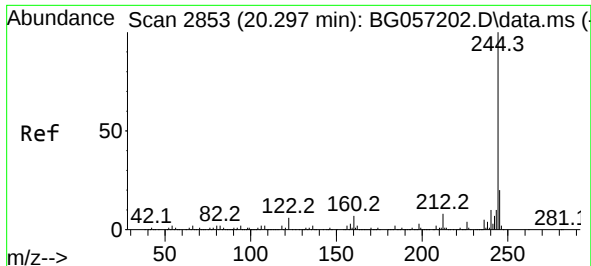
Ion Ratio Lower Upper

240 100

120 6.3 4.9 7.3

236 25.4 21.4 32.2

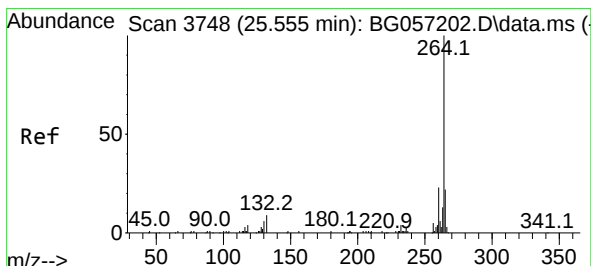
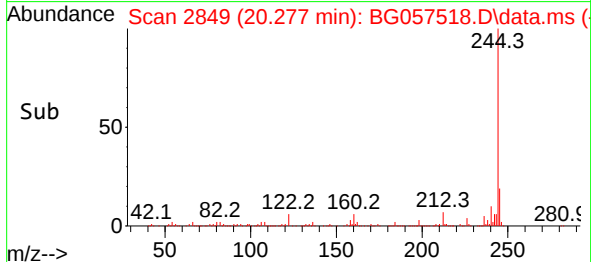
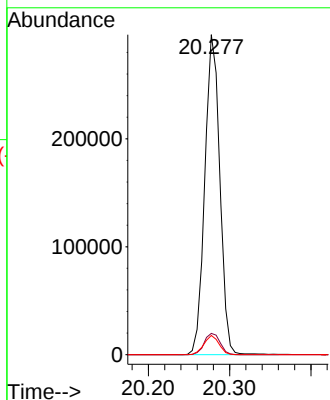
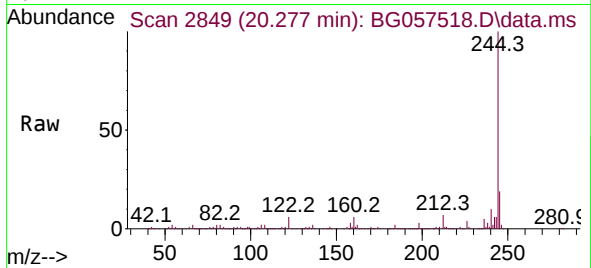




#79
 Terphenyl-d14
 Concen: 47.687 ng
 RT: 20.277 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

Instrument :
 BNA_G
 ClientSampleId :
 TP16

Tgt Ion:244 Resp: 379684
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.0 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.517 min Scan# 3741
 Delta R.T. 0.003 min
 Lab File: BG057518.D
 Acq: 23 May 2023 13:54

Tgt Ion:264 Resp: 138812
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.8 28.2
 265 22.1 17.9 26.9

