

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052523\
 Data File : BG057567.D
 Acq On : 25 May 2023 21:17
 Operator : CG/JU
 Sample : 02908-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB13

Quant Time: May 26 03:01:50 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 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.349	152	19938	20.000	ng	0.00
21) Naphthalene-d8	11.186	136	77814	20.000	ng	0.00
39) Acenaphthene-d10	14.964	164	59591	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	154537	20.000	ng	0.00
76) Chrysene-d12	22.013	240	138470	20.000	ng	0.00
86) Perylene-d12	25.520	264	146565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.870	112	104999	90.085	ng	0.00
7) Phenol-d6	7.497	99	152798	86.330	ng	0.00
23) Nitrobenzene-d5	9.530	82	95197	51.347	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	82669	97.771	ng	0.00
45) 2-Fluorobiphenyl	13.589	172	229203	51.801	ng	0.00
79) Terphenyl-d14	20.274	244	450283	53.068	ng	0.00

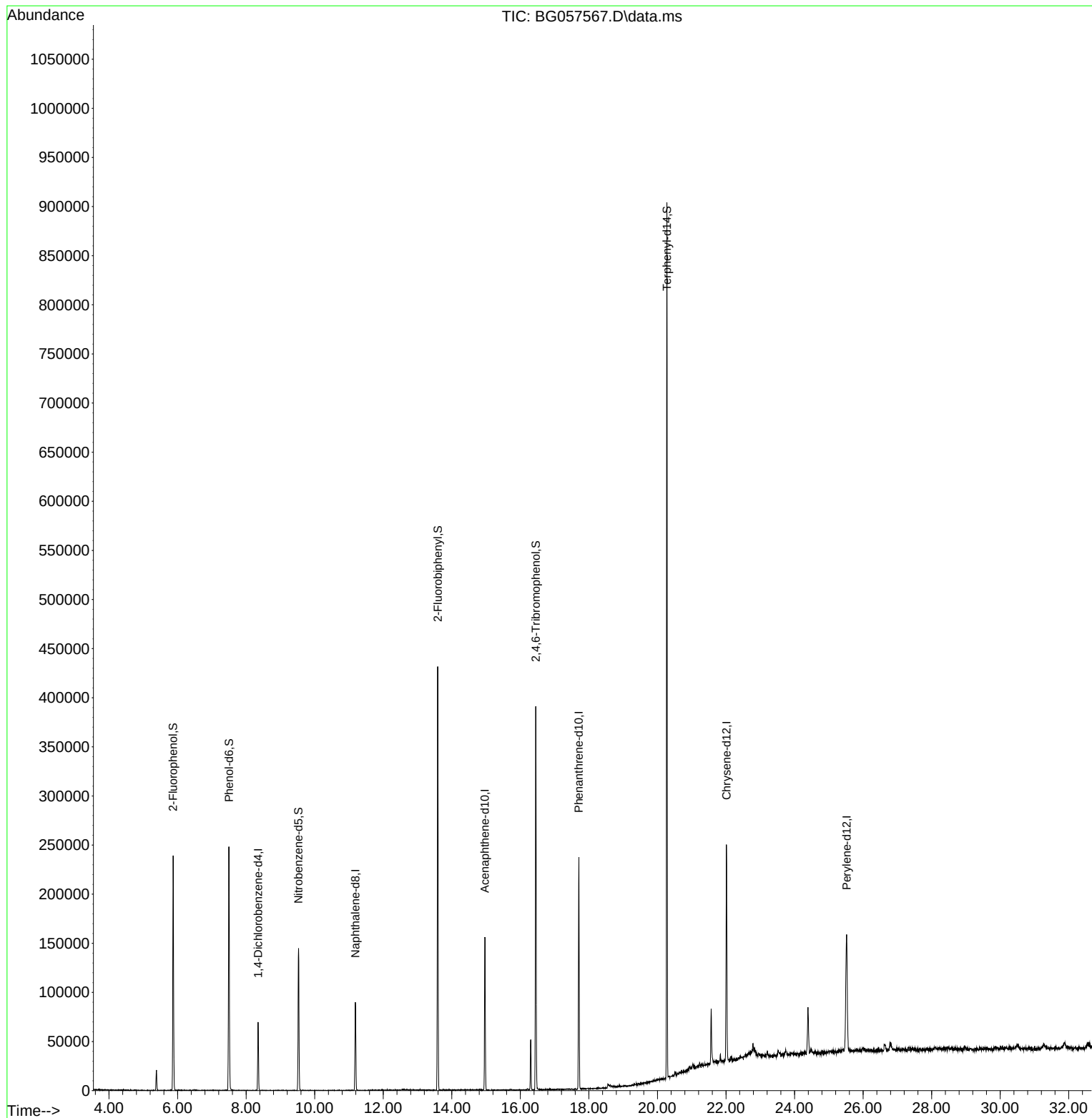
Target Compounds	Qvalue

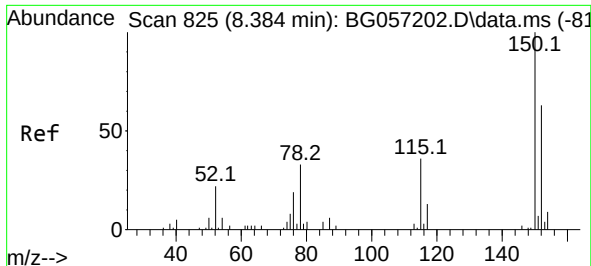
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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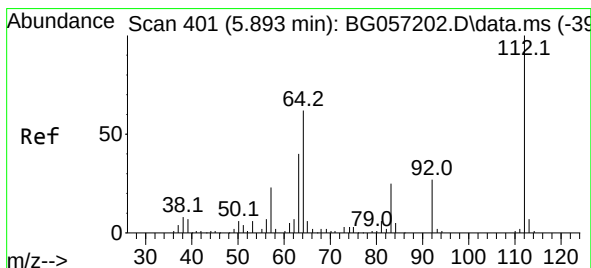
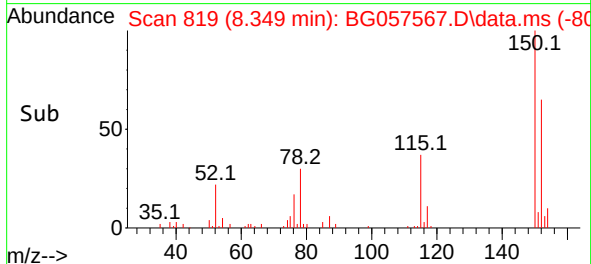
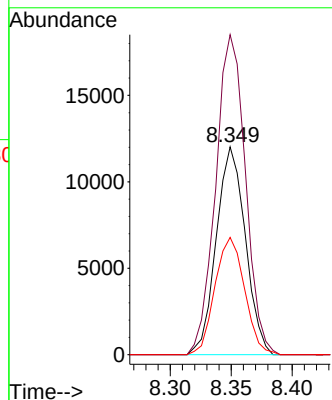
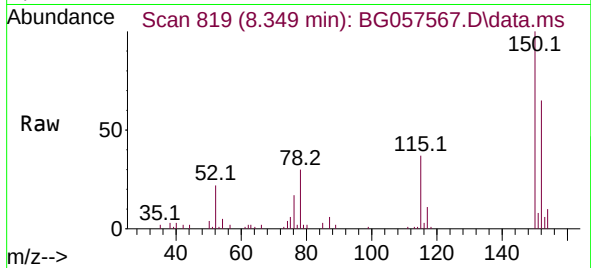




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.349 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

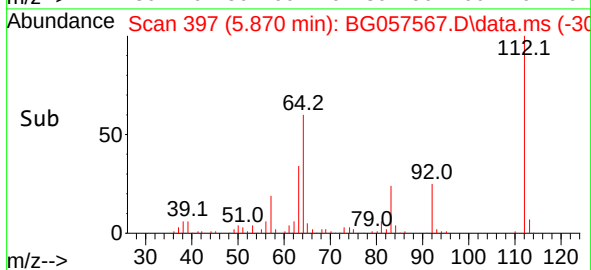
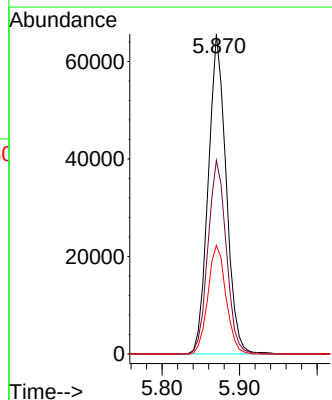
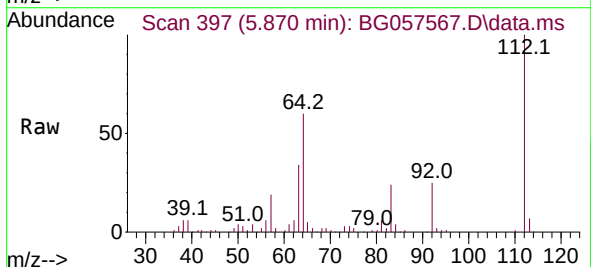
Instrument :
BNA_G
ClientSampleId :
SB13

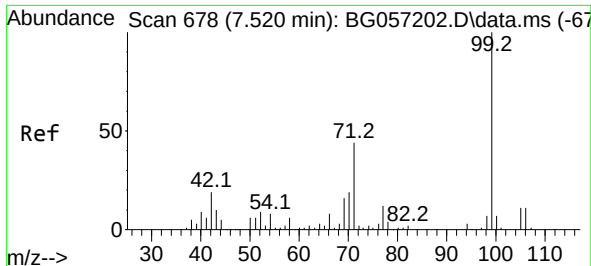
Tgt Ion:152 Resp: 19938
Ion Ratio Lower Upper
152 100
150 153.9 126.2 189.4
115 56.4 45.0 67.4



#5
2-Fluorophenol
Concen: 90.085 ng
RT: 5.870 min Scan# 397
Delta R.T. -0.002 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

Tgt Ion:112 Resp: 104999
Ion Ratio Lower Upper
112 100
64 60.5 49.4 74.2
63 33.9 31.6 47.4

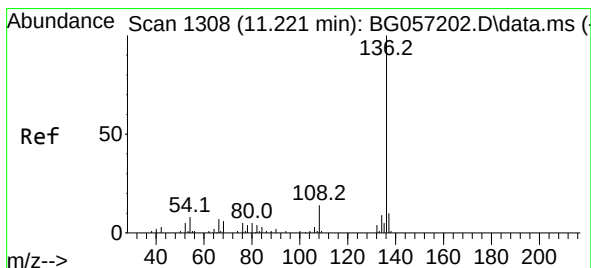
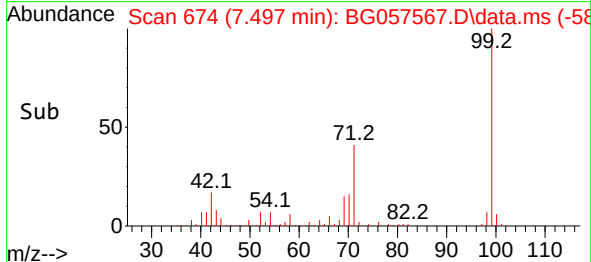
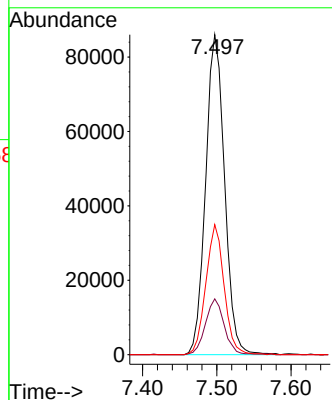
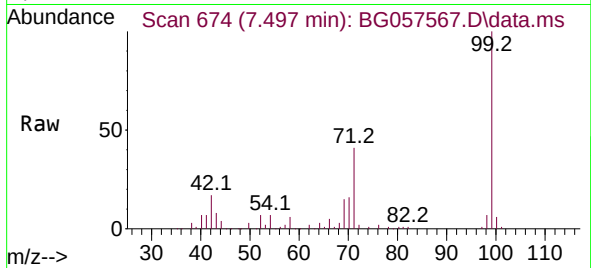




#7
Phenol-d6
Concen: 86.330 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

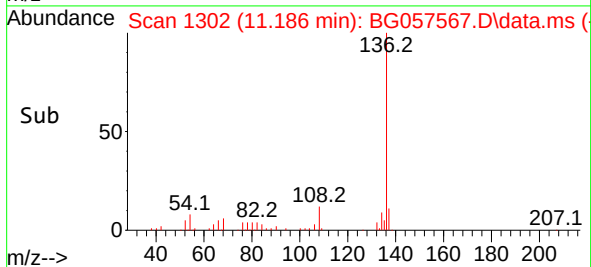
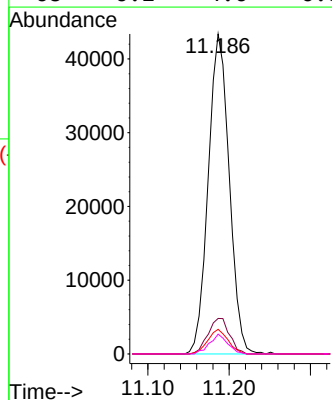
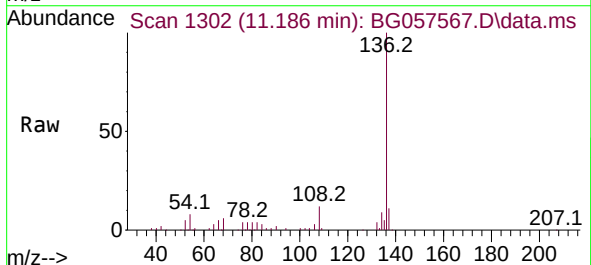
Instrument :
BNA_G
ClientSampleId :
SB13

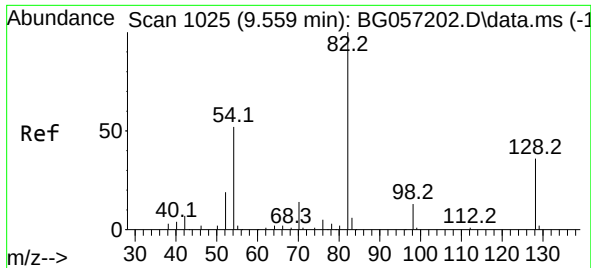
Tgt Ion: 99 Resp: 152798
Ion Ratio Lower Upper
99 100
42 17.4 15.1 22.7
71 40.6 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.186 min Scan# 1302
Delta R.T. -0.008 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

Tgt Ion: 136 Resp: 77814
Ion Ratio Lower Upper
136 100
137 11.1 8.3 12.5
54 7.7 6.7 10.1
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 51.347 ng

RT: 9.530 min Scan# 1020

Delta R.T. -0.008 min

Lab File: BG057567.D

Acq: 25 May 2023 21:17

Instrument :

BNA_G

ClientSampleId :

SB13

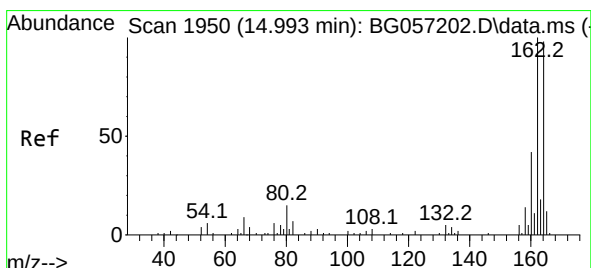
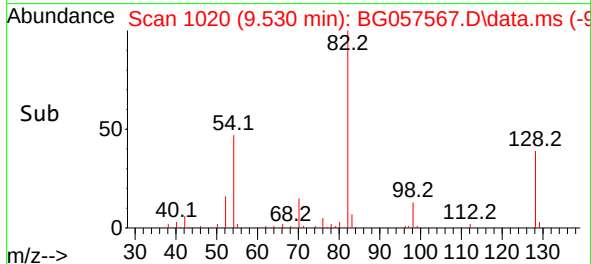
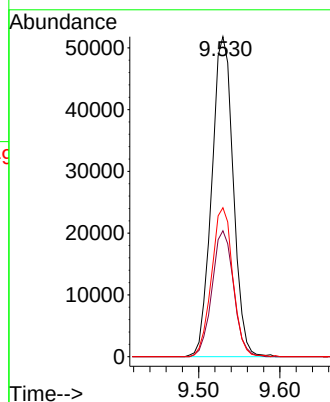
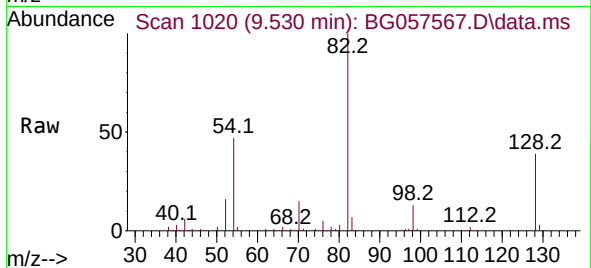
Tgt Ion: 82 Resp: 95197

Ion Ratio Lower Upper

82 100

128 39.4 29.0 43.4

54 46.5 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.964 min Scan# 1945

Delta R.T. -0.008 min

Lab File: BG057567.D

Acq: 25 May 2023 21:17

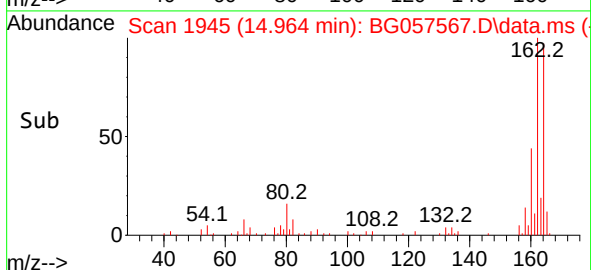
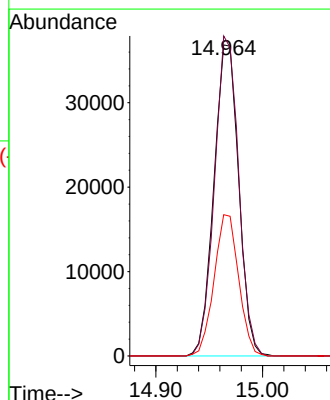
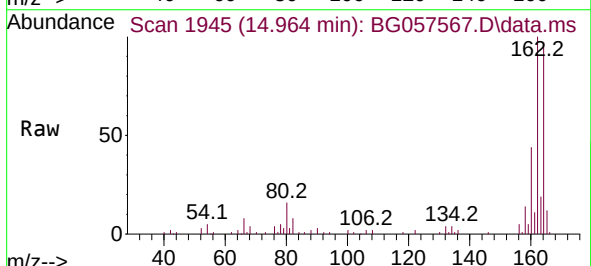
Tgt Ion: 164 Resp: 59591

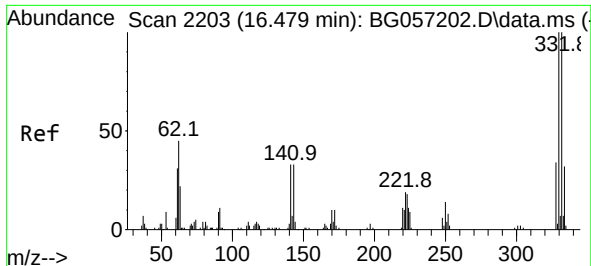
Ion Ratio Lower Upper

164 100

162 102.9 81.8 122.6

160 45.4 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 97.771 ng

RT: 16.450 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG057567.D

Acq: 25 May 2023 21:17

Instrument :

BNA_G

ClientSampleId :

SB13

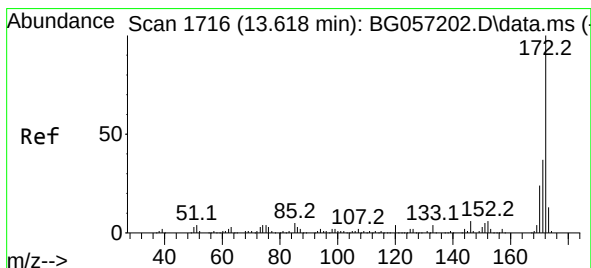
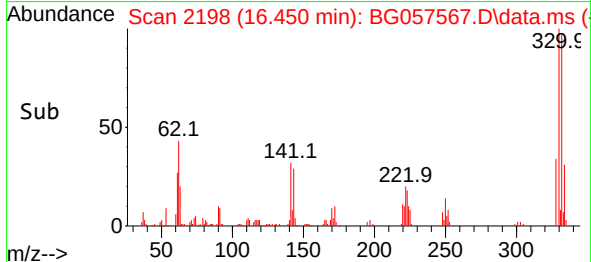
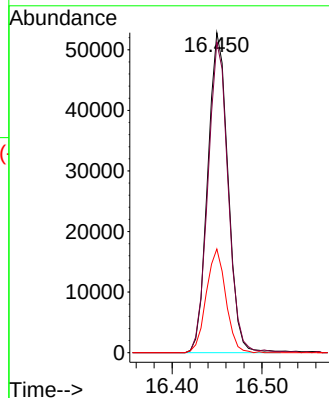
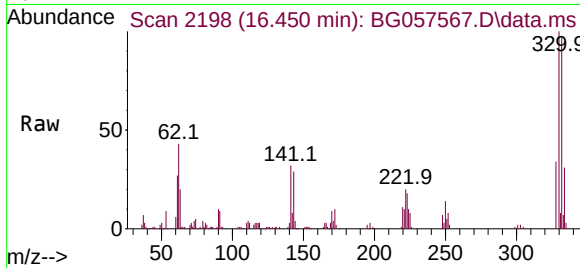
Tgt Ion:330 Resp: 82669

Ion Ratio Lower Upper

330 100

332 97.0 78.2 117.2

141 31.2 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 51.801 ng

RT: 13.589 min Scan# 1711

Delta R.T. -0.008 min

Lab File: BG057567.D

Acq: 25 May 2023 21:17

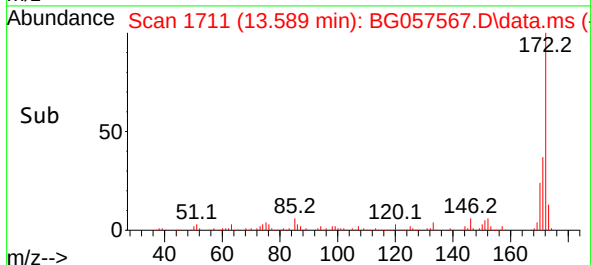
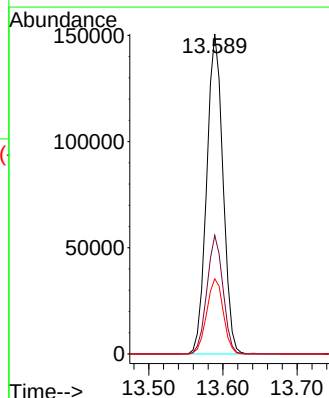
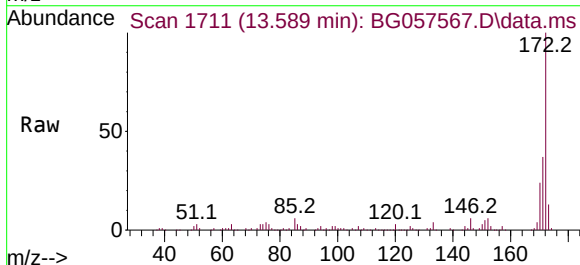
Tgt Ion:172 Resp: 229203

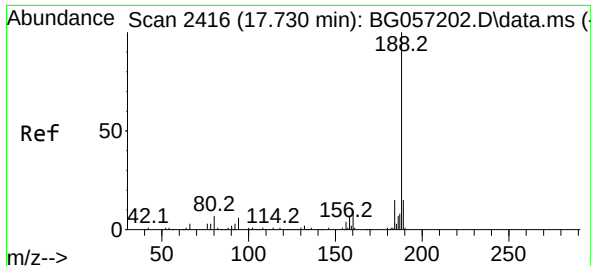
Ion Ratio Lower Upper

172 100

171 37.0 29.4 44.0

170 23.5 19.0 28.6

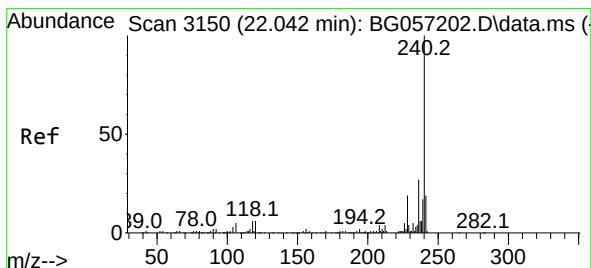
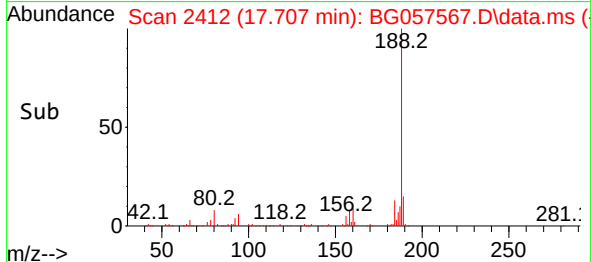
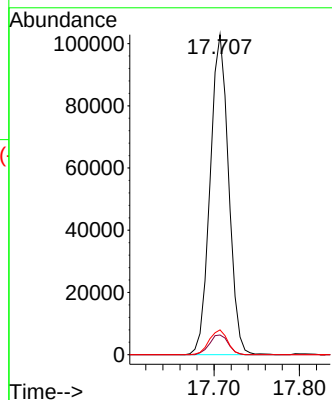
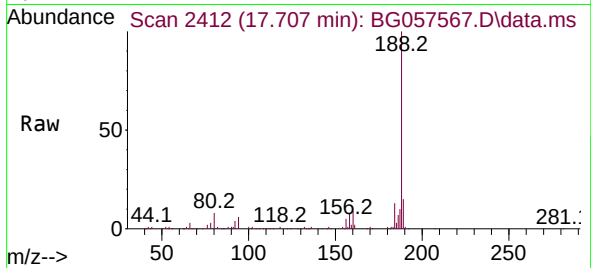




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.002 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

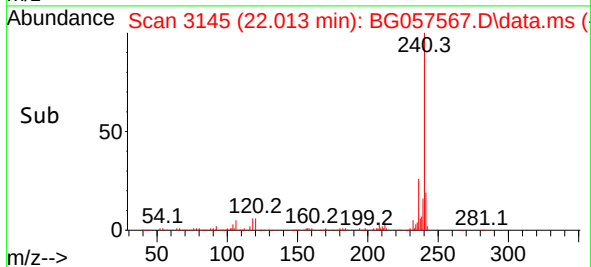
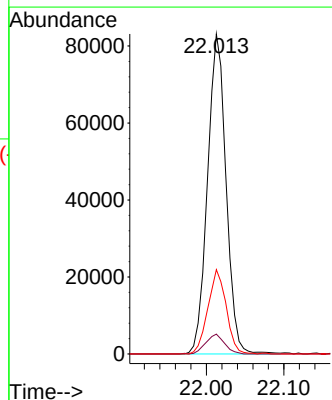
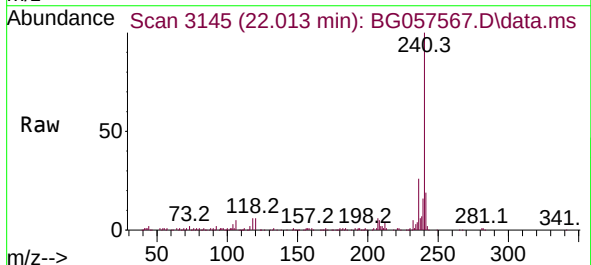
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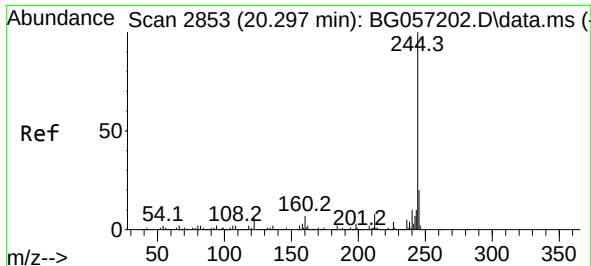
Tgt Ion:188 Resp: 154537
Ion Ratio Lower Upper
188 100
94 6.1 5.1 7.7
80 7.8 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BG057567.D
Acq: 25 May 2023 21:17

Tgt Ion:240 Resp: 138470
Ion Ratio Lower Upper
240 100
120 6.2 4.9 7.3
236 26.4 21.4 32.2

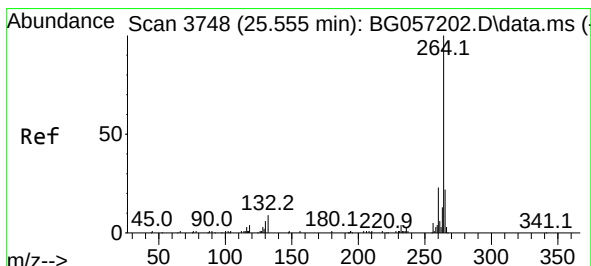
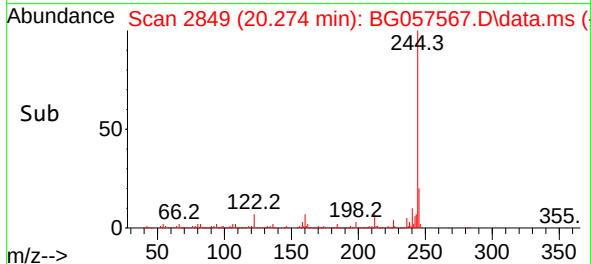
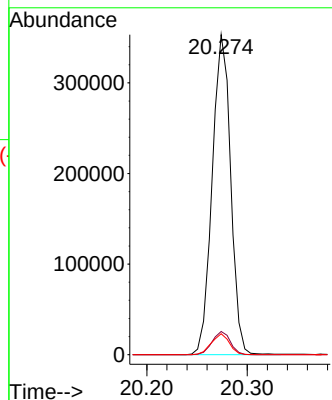
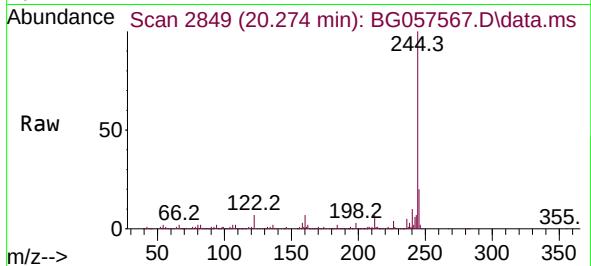




#79
 Terphenyl-d14
 Concen: 53.068 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057567.D
 Acq: 25 May 2023 21:17

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 450283
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.520 min Scan# 3742
 Delta R.T. -0.002 min
 Lab File: BG057567.D
 Acq: 25 May 2023 21:17

Tgt Ion:264 Resp: 146565
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 22.5 17.9 26.9

