

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052223\
 Data File : BG057500.D
 Acq On : 22 May 2023 19:21
 Operator : CG/JU
 Sample : 02864-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ETGI-359

Quant Time: May 23 04:07:18 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	8.355	152	20049	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	77329	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	56146	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	144104	20.000	ng	0.00
76) Chrysene-d12	22.013	240	134258	20.000	ng	0.00
86) Perylene-d12	25.514	264	141418	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	106939	91.242	ng	0.00
7) Phenol-d6	7.497	99	144692	81.297	ng	0.00
23) Nitrobenzene-d5	9.535	82	101850	55.280	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	80616	101.193	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	249970	59.961	ng	0.00
79) Terphenyl-d14	20.280	244	509760	61.962	ng	0.00

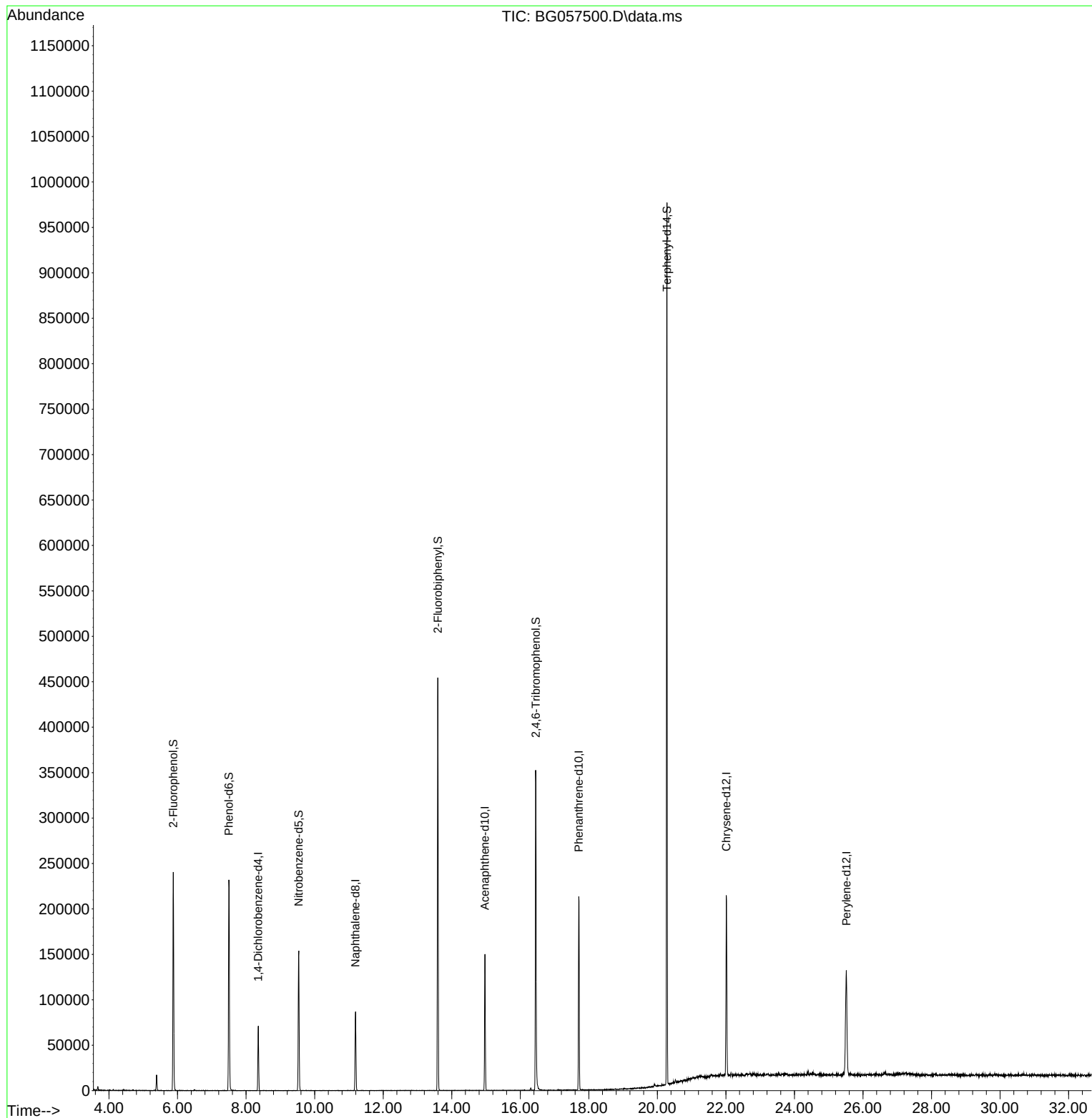
Target Compounds	Qvalue

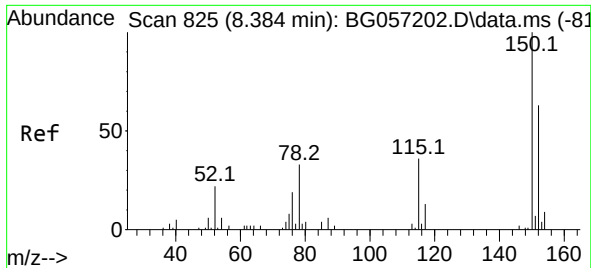
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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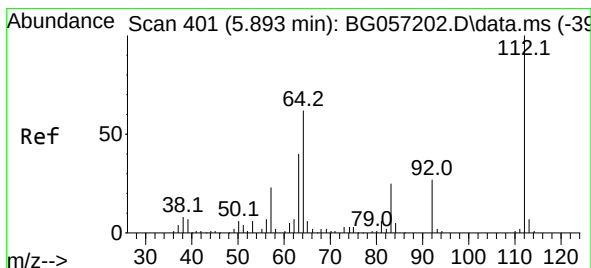
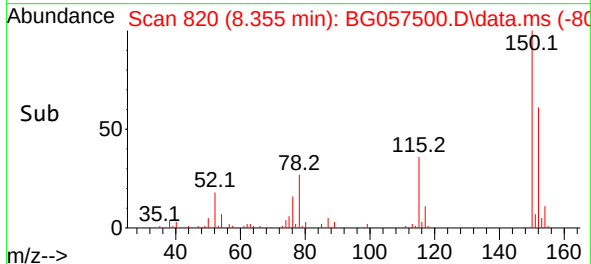
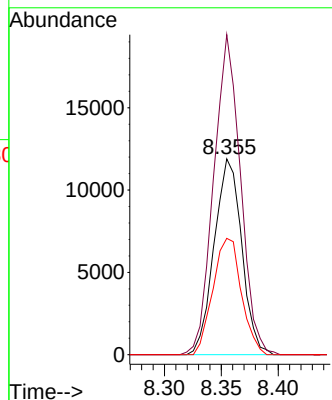
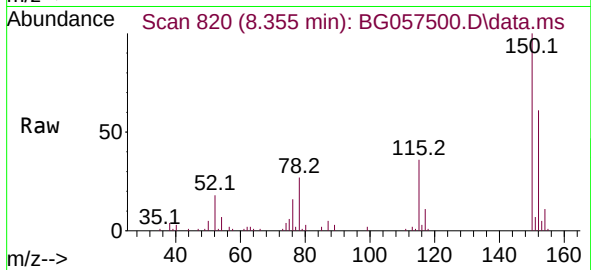




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

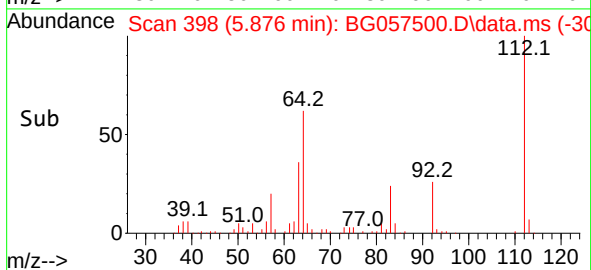
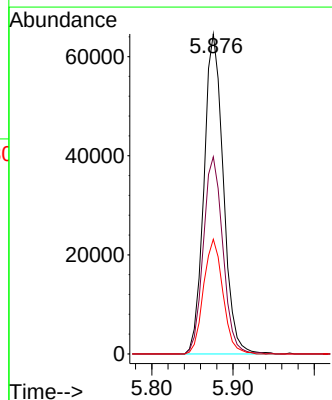
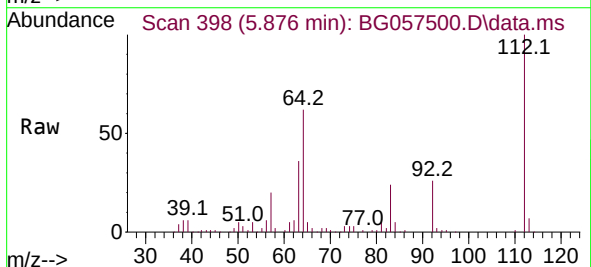
Instrument :
BNA_G
ClientSampleId :
ETGI-359

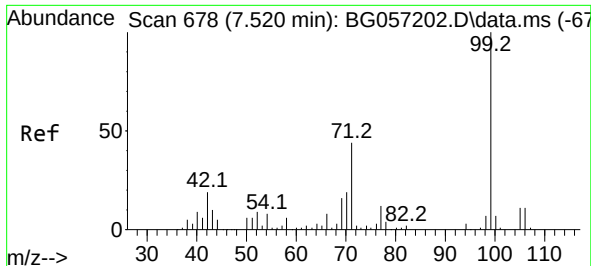
Tgt Ion:152 Resp: 20049
Ion Ratio Lower Upper
152 100
150 163.4 126.2 189.4
115 59.4 45.0 67.4



#5
2-Fluorophenol
Concen: 91.242 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:112 Resp: 106939
Ion Ratio Lower Upper
112 100
64 61.6 49.4 74.2
63 35.8 31.6 47.4

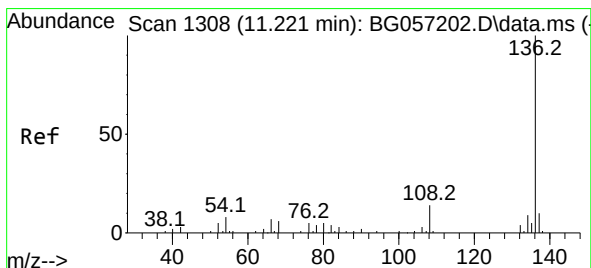
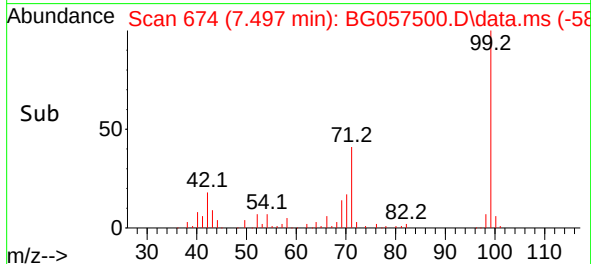
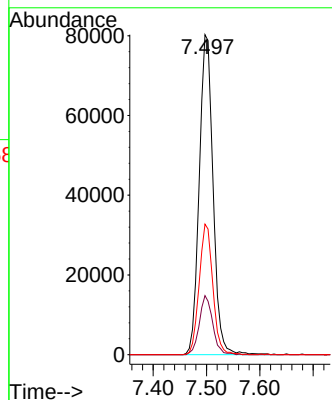
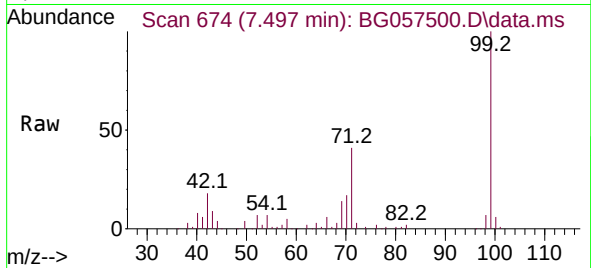




#7
Phenol-d6
Concen: 81.297 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

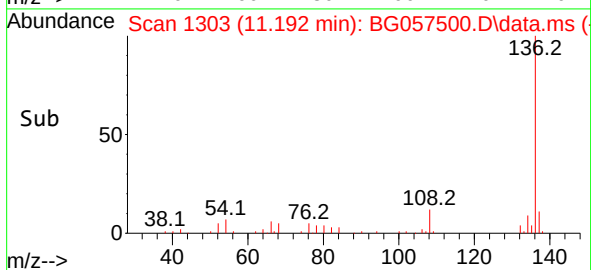
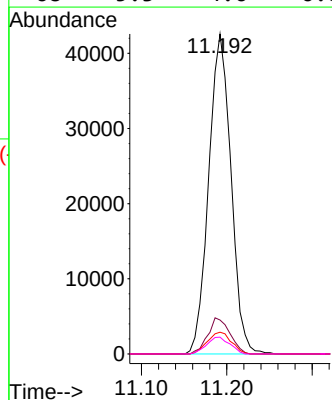
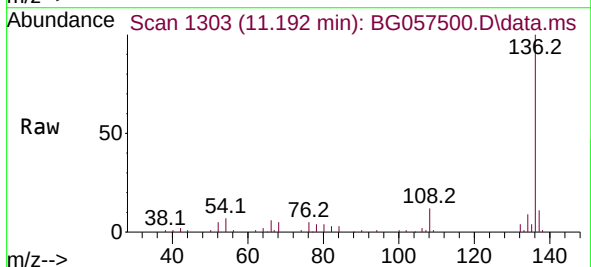
Instrument :
BNA_G
ClientSampleId :
ETGI-359

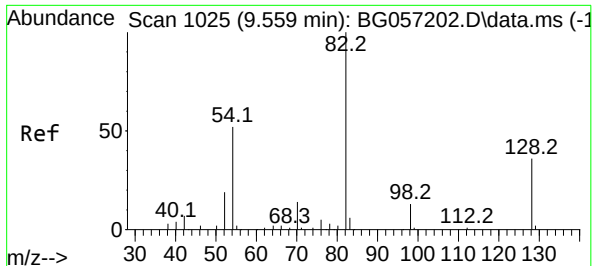
Tgt Ion: 99 Resp: 144692
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 40.8 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion: 136 Resp: 77329
Ion Ratio Lower Upper
136 100
137 10.6 8.3 12.5
54 6.8 6.7 10.1
68 5.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 55.280 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.001 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

Instrument :

BNA_G

ClientSampleId :

ETGI-359

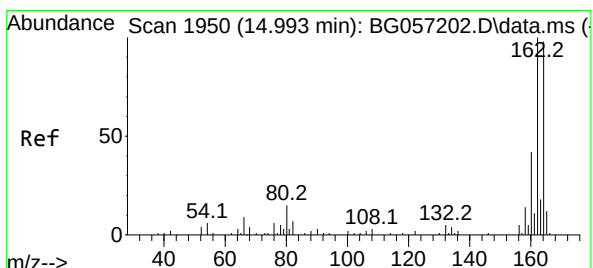
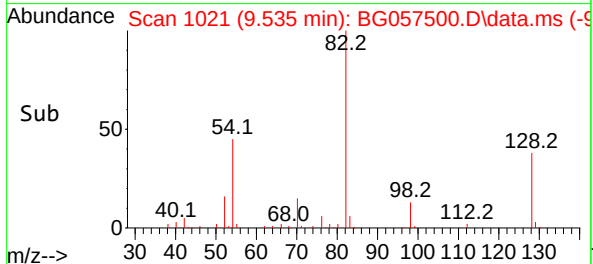
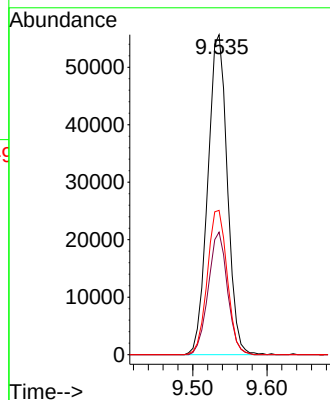
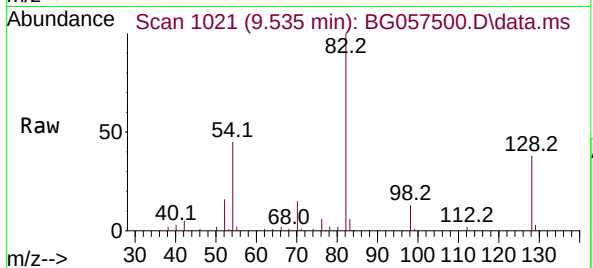
Tgt Ion: 82 Resp: 101850

Ion Ratio Lower Upper

82 100

128 38.3 29.0 43.4

54 45.1 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.969 min Scan# 1946

Delta R.T. -0.007 min

Lab File: BG057500.D

Acq: 22 May 2023 19:21

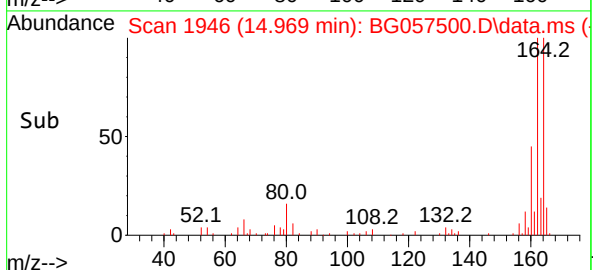
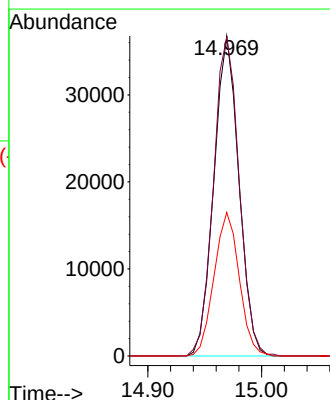
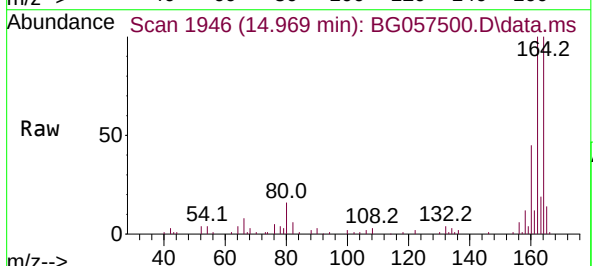
Tgt Ion:164 Resp: 56146

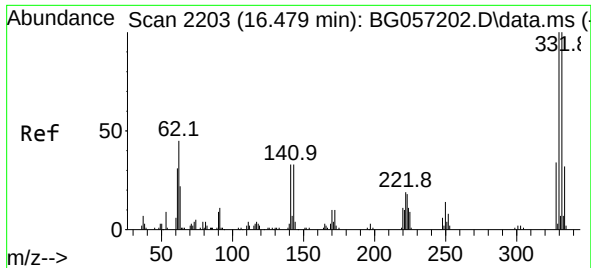
Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

160 44.8 34.6 52.0

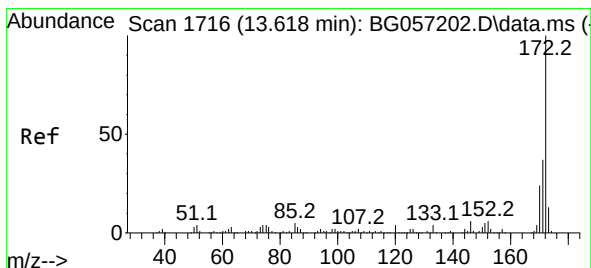
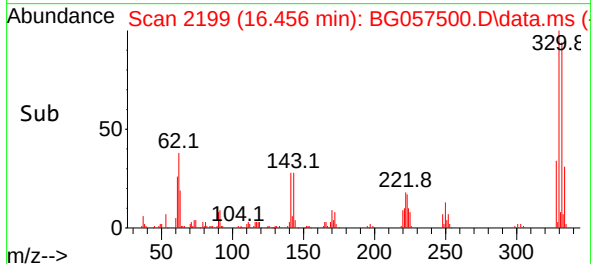
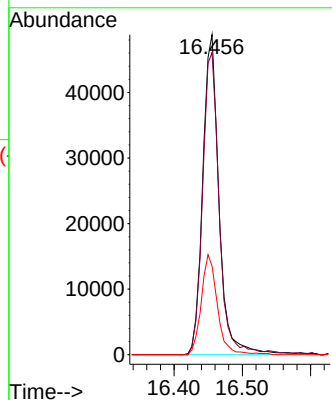
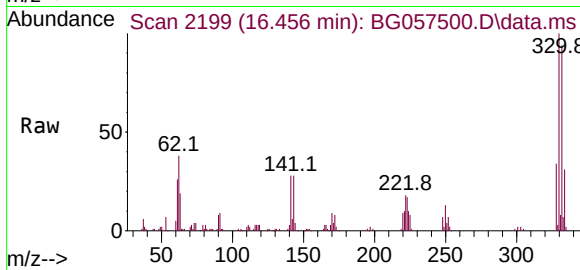




#42
2,4,6-Tribromophenol
Concen: 101.193 ng
RT: 16.456 min Scan# 21199
Delta R.T. -0.001 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

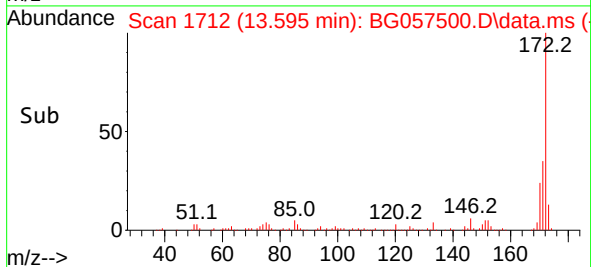
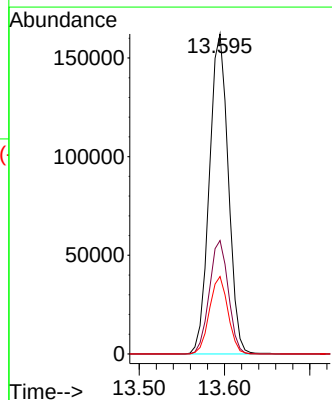
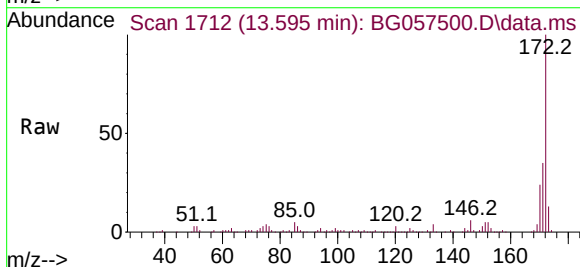
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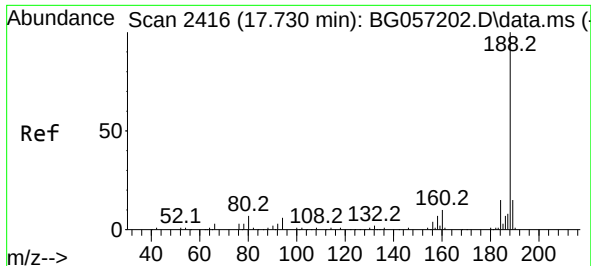
Tgt Ion:330 Resp: 80616
Ion Ratio Lower Upper
330 100
332 95.9 78.2 117.2
141 31.1 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 59.961 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

Tgt Ion:172 Resp: 249970
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 24.2 19.0 28.6

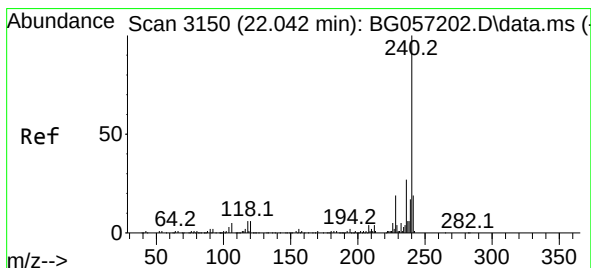
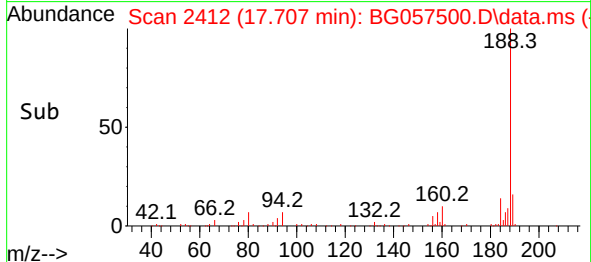
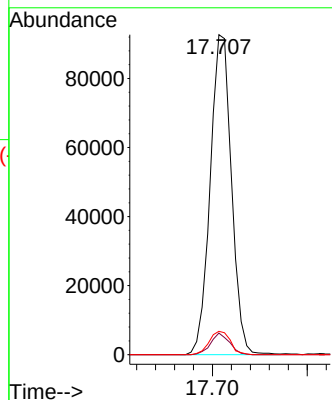
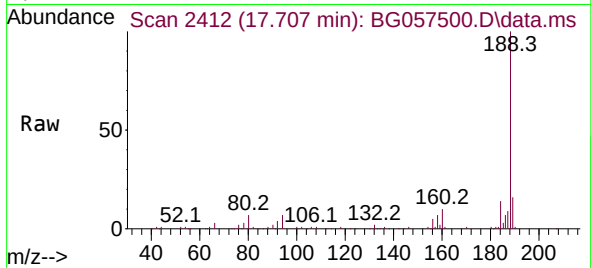




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

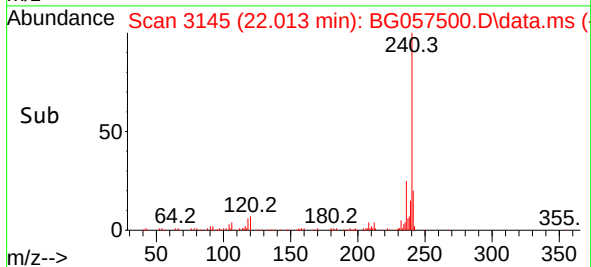
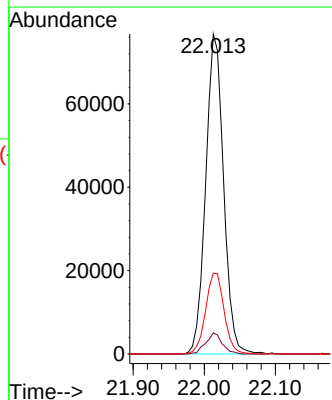
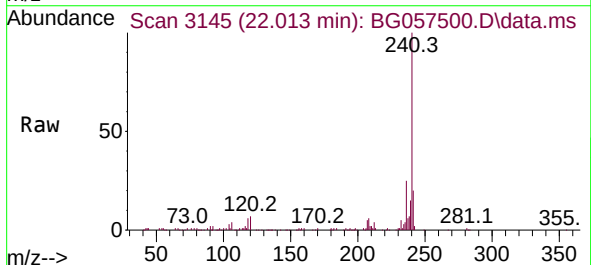
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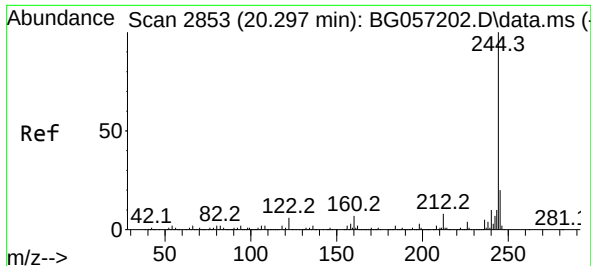
Tgt Ion:188 Resp: 144104
Ion Ratio Lower Upper
188 100
94 6.8 5.1 7.7
80 7.3 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057500.D
Acq: 22 May 2023 19:21

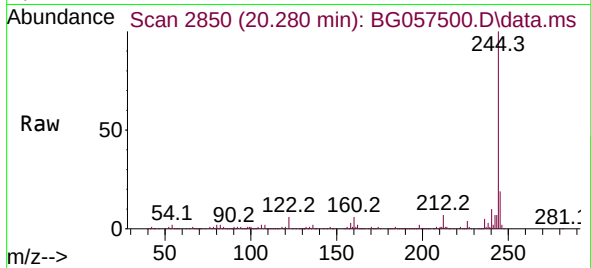
Tgt Ion:240 Resp: 134258
Ion Ratio Lower Upper
240 100
120 6.6 4.9 7.3
236 25.2 21.4 32.2



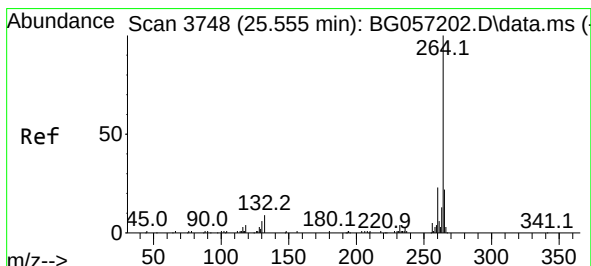
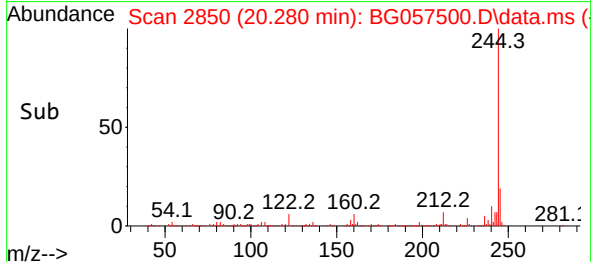
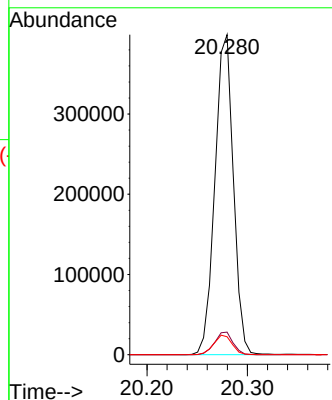


#79
 Terphenyl-d14
 Concen: 61.962 ng
 RT: 20.280 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG057500.D
 Acq: 22 May 2023 19:21

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Tgt Ion:244 Resp: 509760
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.6 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.514 min Scan# 3741
 Delta R.T. -0.001 min
 Lab File: BG057500.D
 Acq: 22 May 2023 19:21

Tgt Ion:264 Resp: 141418
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.8 28.2
 265 22.5 17.9 26.9

