

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057176.D
 Acq On : 25 Apr 2023 14:39
 Operator : CG/JU
 Sample : 02423-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-1

Quant Time: Apr 26 00:22:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 25 04:59:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.378	152	15907	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	60488	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	45567	20.000	ng	-0.01
64) Phenanthrene-d10	17.730	188	122509	20.000	ng	-0.01
76) Chrysene-d12	22.042	240	114514	20.000	ng	-0.02
86) Perylene-d12	25.555	264	104498	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.899	112	108398	123.490	ng	0.00
7) Phenol-d6	7.515	99	141799	111.649	ng	0.00
23) Nitrobenzene-d5	9.559	82	118253	96.647	ng	0.00
42) 2,4,6-Tribromophenol	16.473	330	65256	108.540	ng	-0.01
45) 2-Fluorobiphenyl	13.618	172	284088	83.787	ng	-0.01
79) Terphenyl-d14	20.303	244	637437	97.363	ng	-0.01

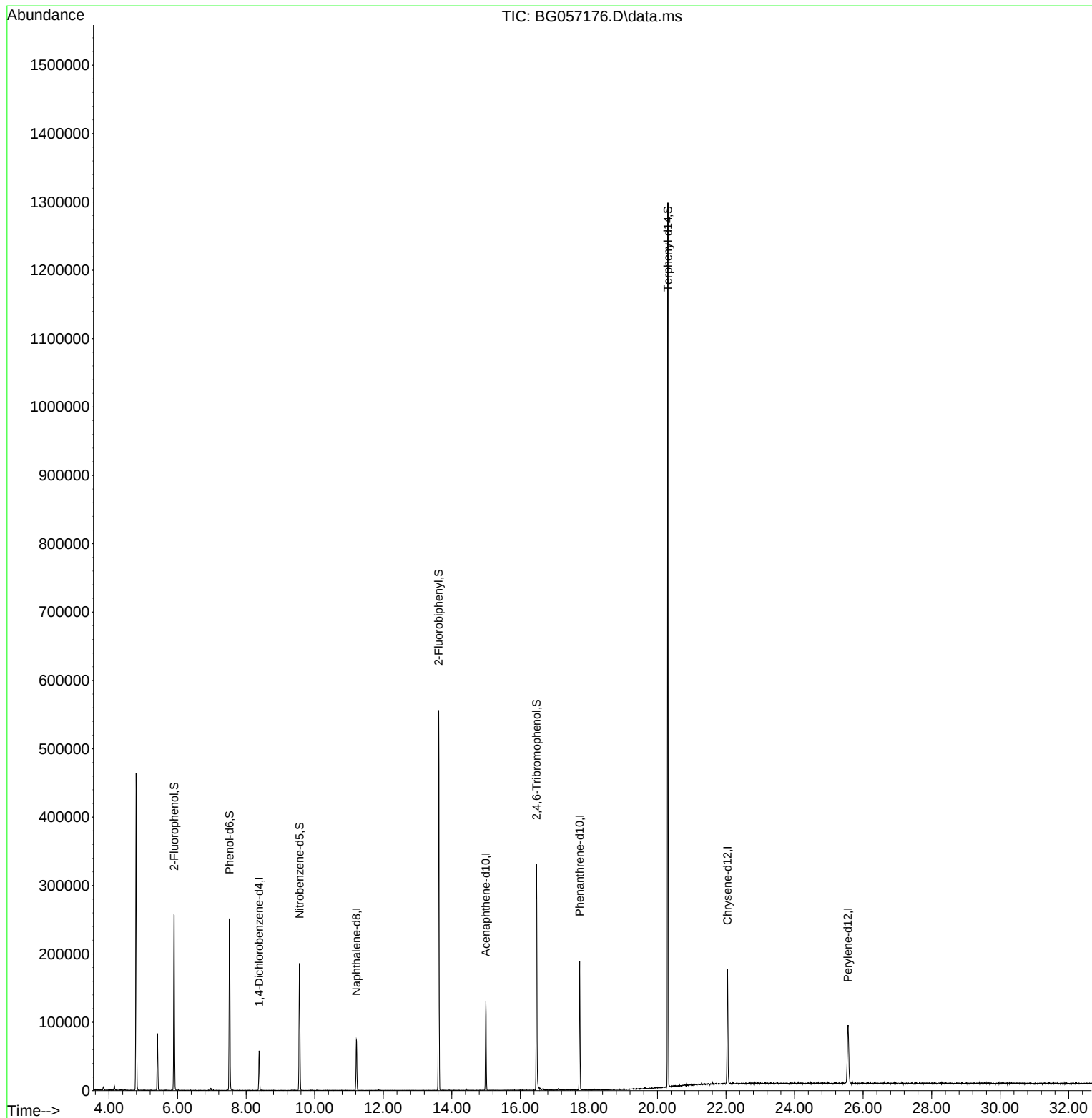
Target Compounds	Qvalue

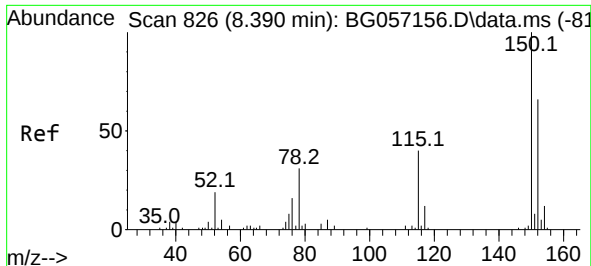
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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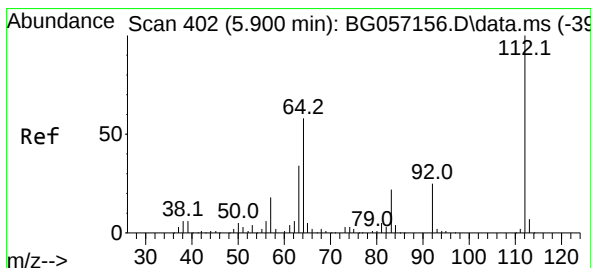
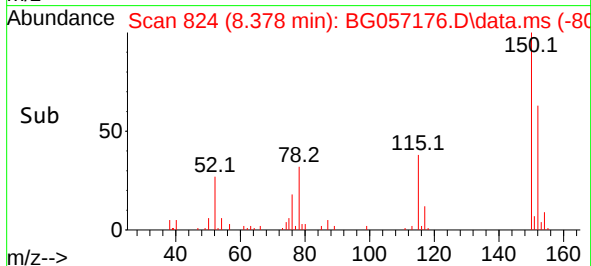
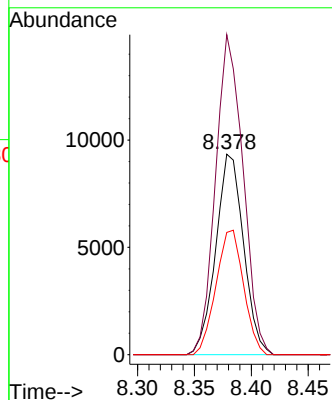
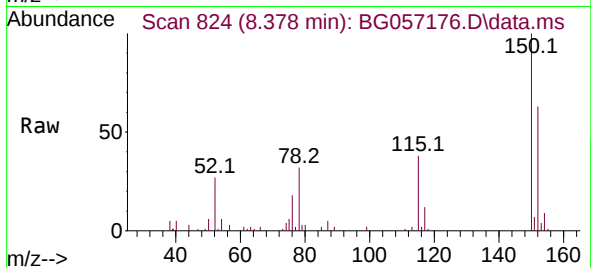




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.378 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

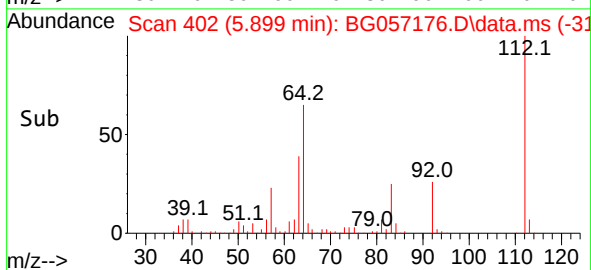
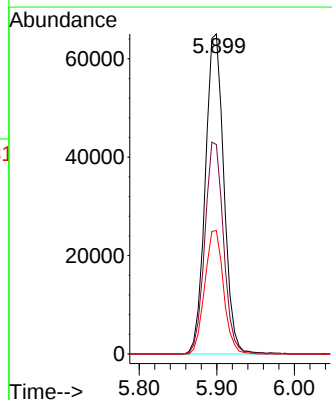
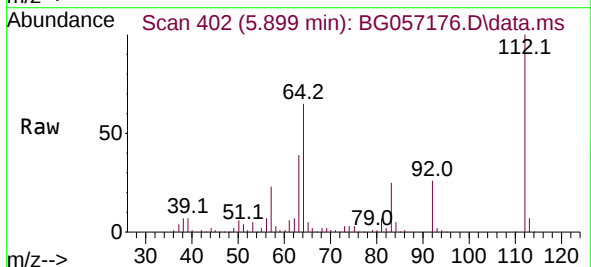
Instrument :
BNA_G
ClientSampleId :
EB-1

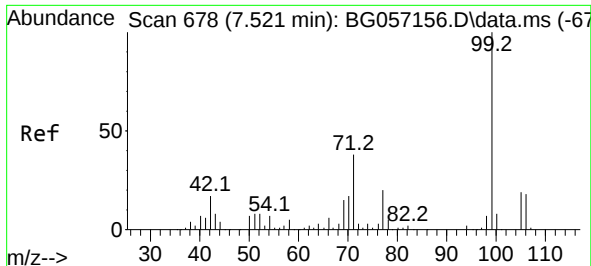
Tgt Ion:152 Resp: 15907
Ion Ratio Lower Upper
152 100
150 159.6 121.4 182.2
115 61.0 48.1 72.1



#5
2-Fluorophenol
Concen: 123.490 ng
RT: 5.899 min Scan# 402
Delta R.T. -0.000 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:112 Resp: 108398
Ion Ratio Lower Upper
112 100
64 65.5 46.7 70.1
63 38.5 26.9 40.3

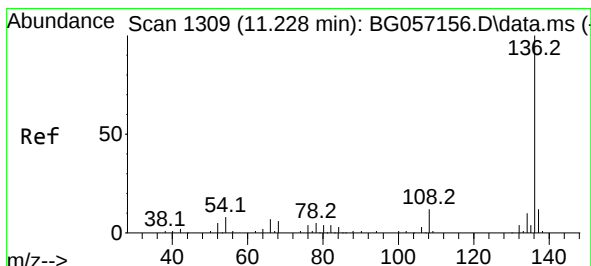
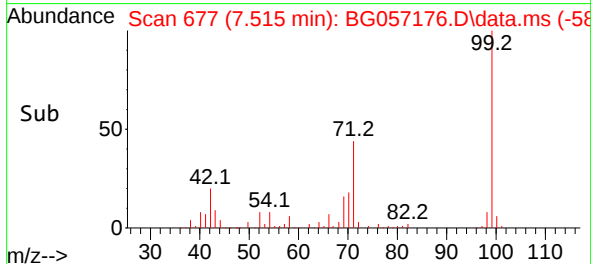
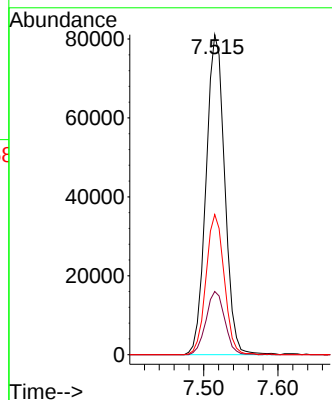
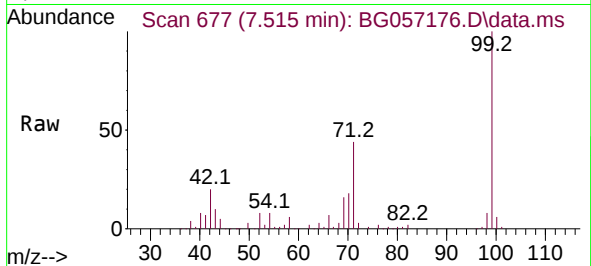




#7
Phenol-d6
Concen: 111.649 ng
RT: 7.515 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

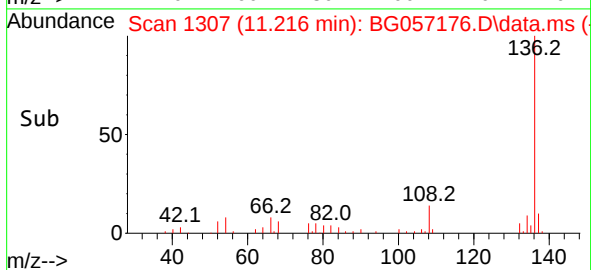
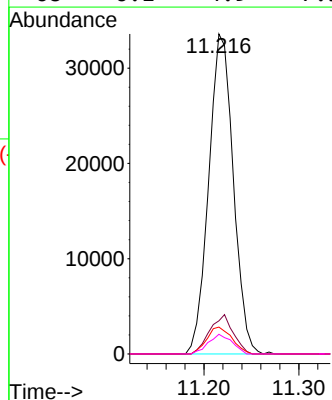
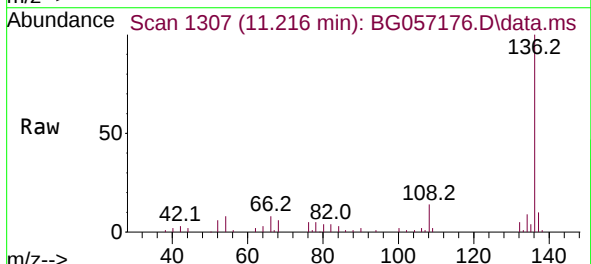
Instrument :
BNA_G
ClientSampleId :
EB-1

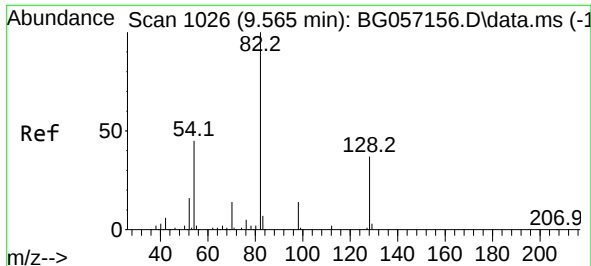
Tgt Ion: 99 Resp: 141799
Ion Ratio Lower Upper
99 100
42 19.8 13.4 20.0
71 43.8 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion: 136 Resp: 60488
Ion Ratio Lower Upper
136 100
137 10.4 9.5 14.3
54 8.4 6.4 9.6
68 6.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 96.647 ng

RT: 9.559 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BG057176.D

Acq: 25 Apr 2023 14:39

Instrument :

BNA_G

ClientSampleId :

EB-1

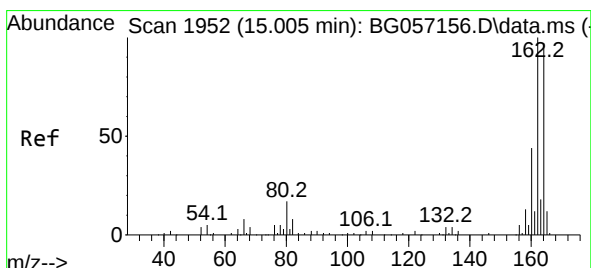
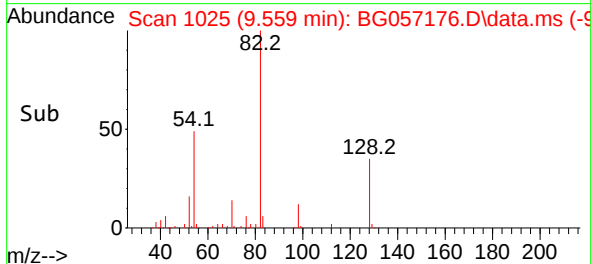
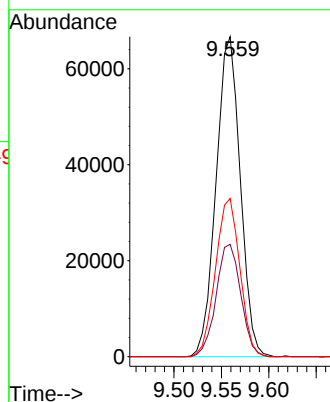
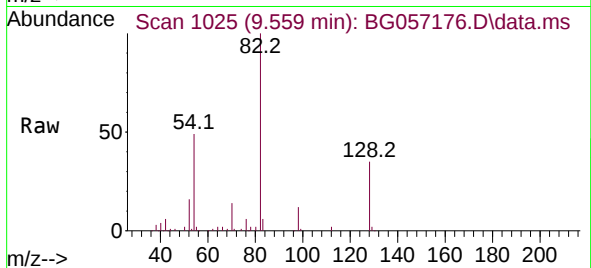
Tgt Ion: 82 Resp: 118253

Ion Ratio Lower Upper

82 100

128 35.1 29.4 44.2

54 49.5 36.2 54.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.993 min Scan# 1950

Delta R.T. -0.012 min

Lab File: BG057176.D

Acq: 25 Apr 2023 14:39

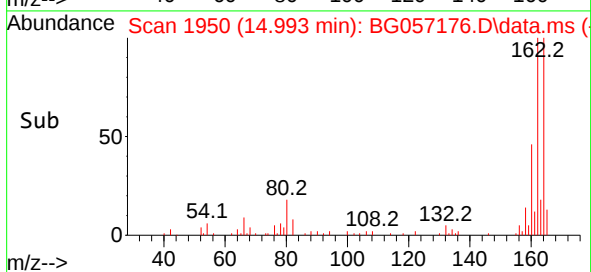
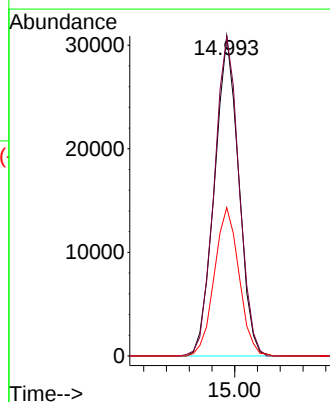
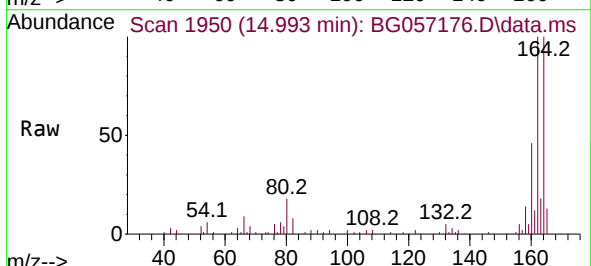
Tgt Ion: 164 Resp: 45567

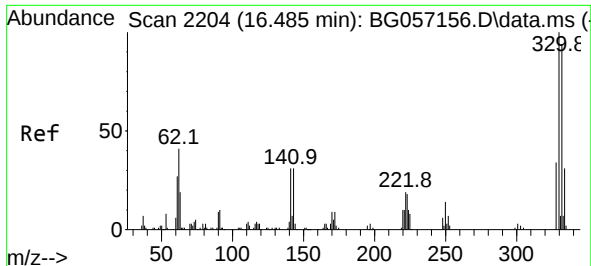
Ion Ratio Lower Upper

164 100

162 99.8 82.4 123.6

160 46.4 36.2 54.2

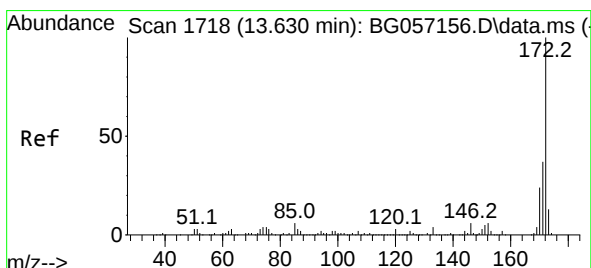
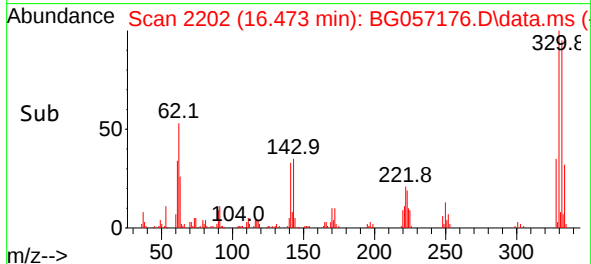
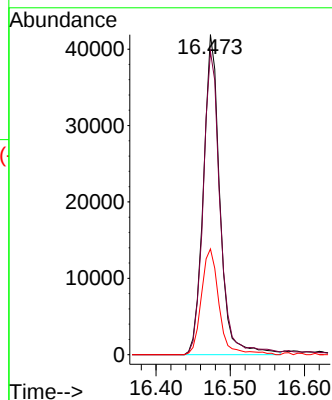
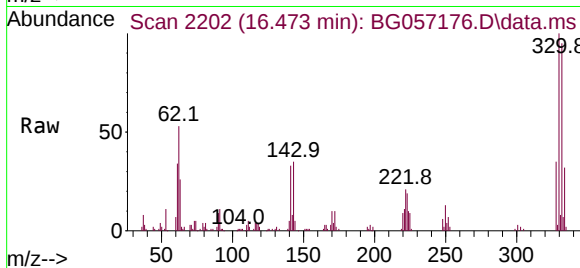




#42
2,4,6-Tribromophenol
Concen: 108.540 ng
RT: 16.473 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

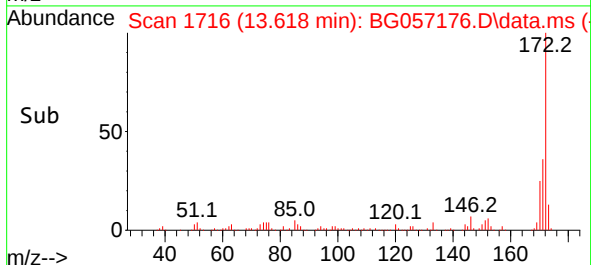
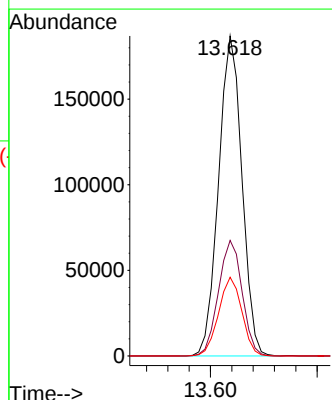
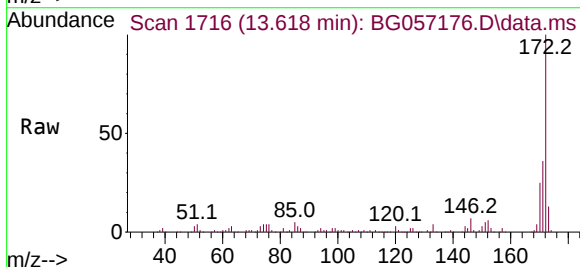
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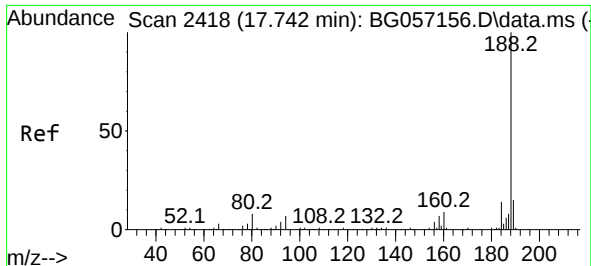
Tgt Ion:330 Resp: 65256
Ion Ratio Lower Upper
330 100
332 97.7 77.6 116.4
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 83.787 ng
RT: 13.618 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:172 Resp: 284088
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.6 19.4 29.2

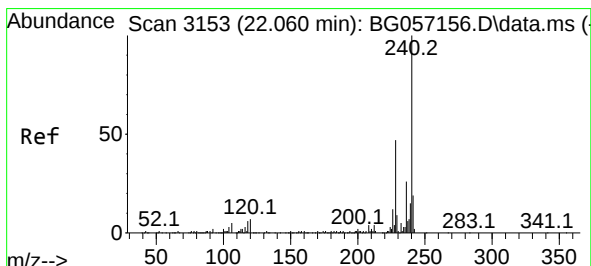
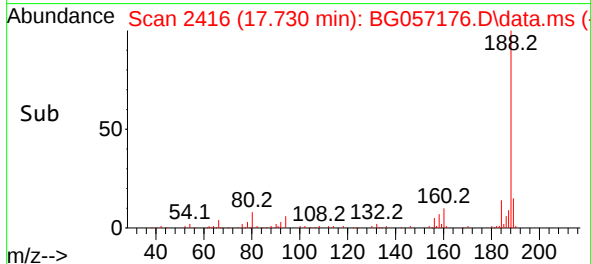
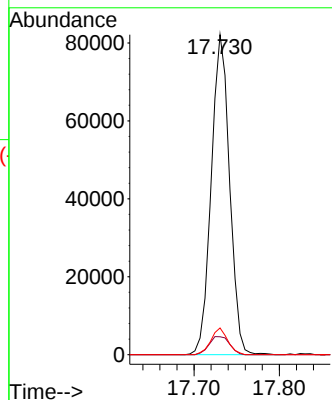
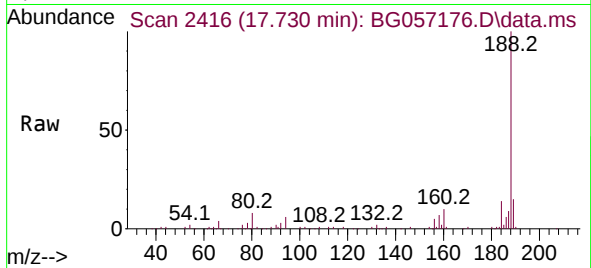




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.730 min Scan# 2418
Delta R.T. -0.012 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

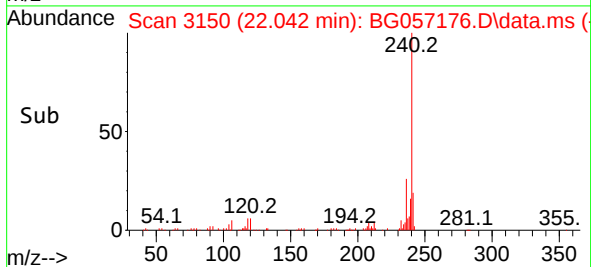
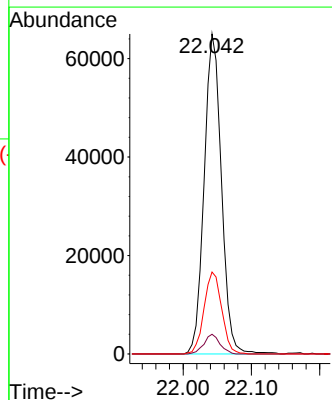
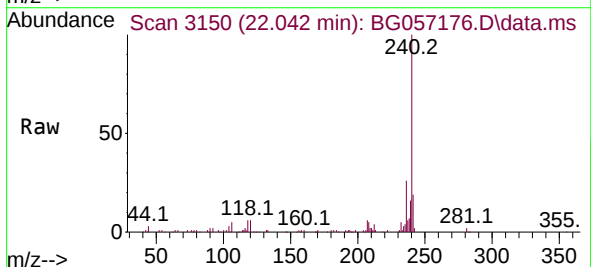
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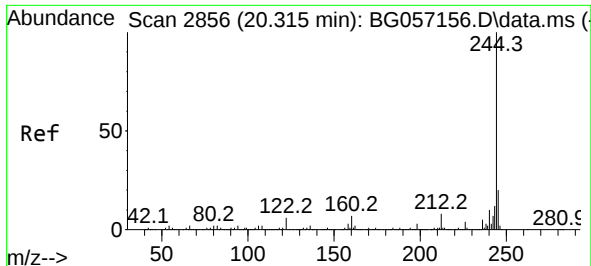
Tgt Ion:188 Resp: 122509
Ion Ratio Lower Upper
188 100
94 5.6 5.4 8.0
80 8.4 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.042 min Scan# 3150
Delta R.T. -0.018 min
Lab File: BG057176.D
Acq: 25 Apr 2023 14:39

Tgt Ion:240 Resp: 114514
Ion Ratio Lower Upper
240 100
120 6.1 5.5 8.3
236 25.6 20.8 31.2

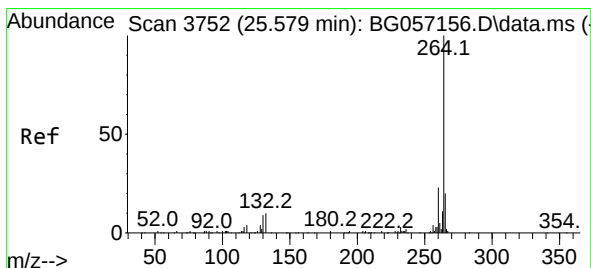
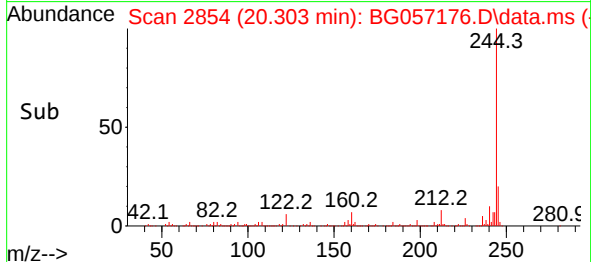
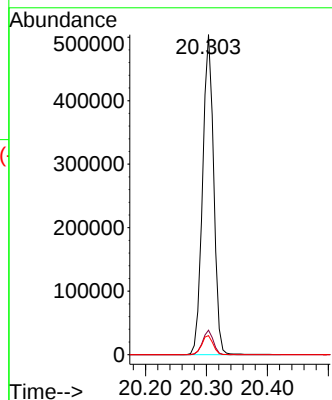
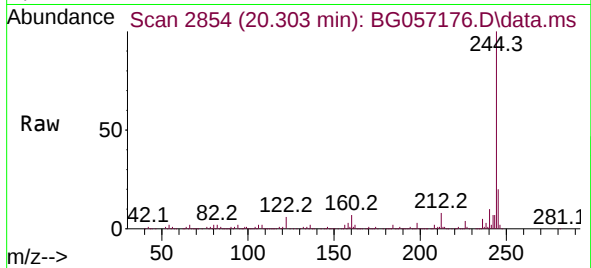




#79
 Terphenyl-d14
 Concen: 97.363 ng
 RT: 20.303 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG057176.D
 Acq: 25 Apr 2023 14:39

Instrument :
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Tgt Ion:244 Resp: 637437
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.555 min Scan# 3748
 Delta R.T. -0.024 min
 Lab File: BG057176.D
 Acq: 25 Apr 2023 14:39

Tgt Ion:264 Resp: 104498
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 19.6 16.4 24.6

