

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057172.D
 Acq On : 25 Apr 2023 11:53
 Operator : CG/JU
 Sample : 02423-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 25 23:57:36 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	8.379	152	18661	20.000	ng	-0.01
21) Naphthalene-d8	11.216	136	70359	20.000	ng	-0.01
39) Acenaphthene-d10	14.993	164	49613	20.000	ng	-0.01
64) Phenanthrene-d10	17.731	188	128561	20.000	ng	-0.01
76) Chrysene-d12	22.043	240	125439	20.000	ng	-0.02
86) Perylene-d12	25.555	264	124064	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	138964	134.948	ng	0.00
7) Phenol-d6	7.515	99	183536	123.185	ng	0.00
23) Nitrobenzene-d5	9.559	82	142728	100.285	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	88619	135.379	ng	-0.01
45) 2-Fluorobiphenyl	13.619	172	312317	84.600	ng	-0.01
79) Terphenyl-d14	20.304	244	626014	87.291	ng	-0.01

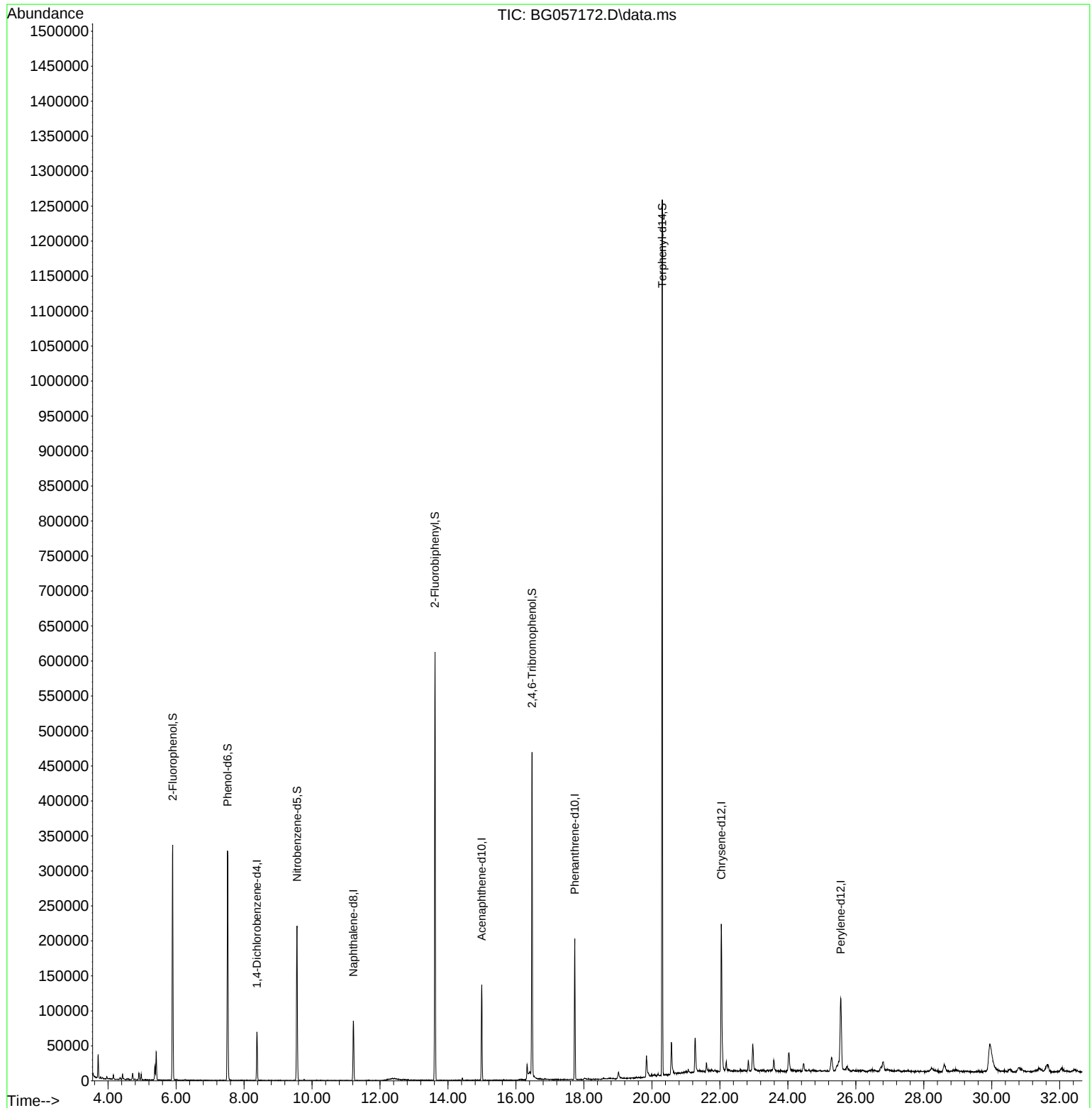
Target Compounds	Qvalue

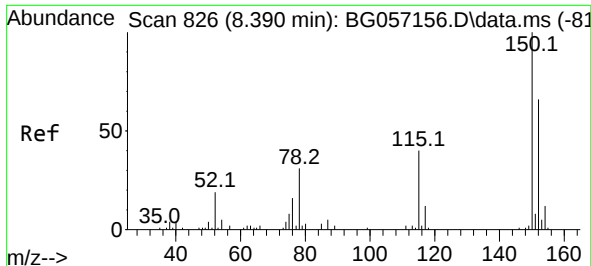
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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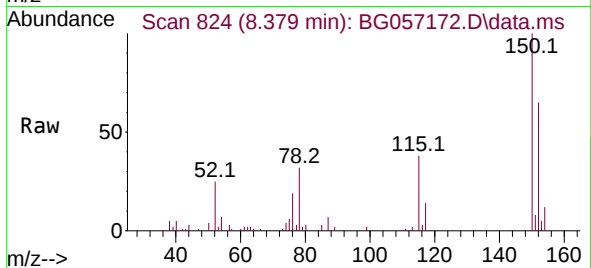
Quant Time: Apr 25 23:57:36 2023
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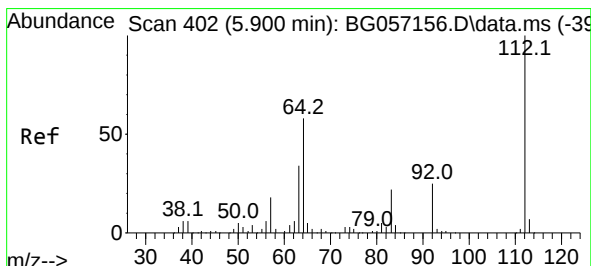
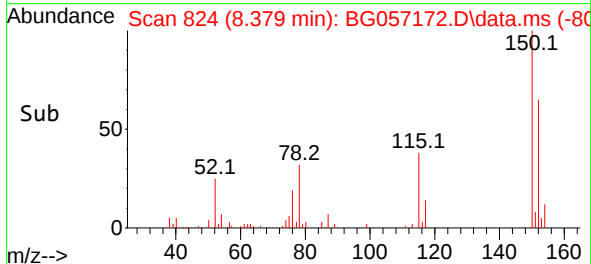
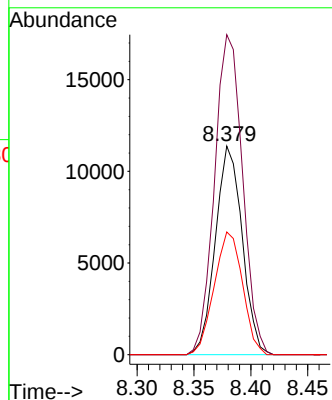


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

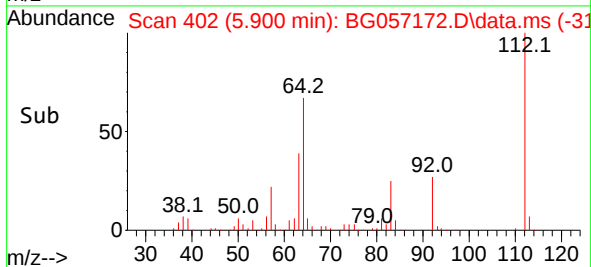
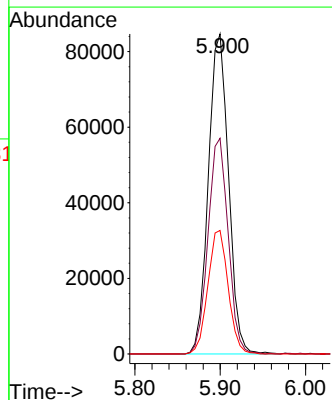
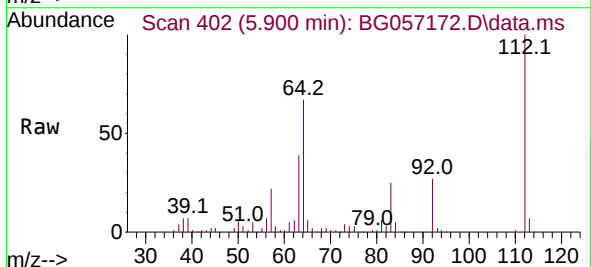


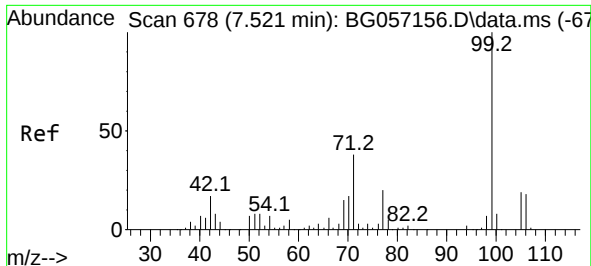
Tgt Ion:152 Resp: 18661
Ion Ratio Lower Upper
152 100
150 153.3 121.4 182.2
115 58.8 48.1 72.1



#5
2-Fluorophenol
Concen: 134.948 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.000 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:112 Resp: 138964
Ion Ratio Lower Upper
112 100
64 67.4 46.7 70.1
63 38.6 26.9 40.3

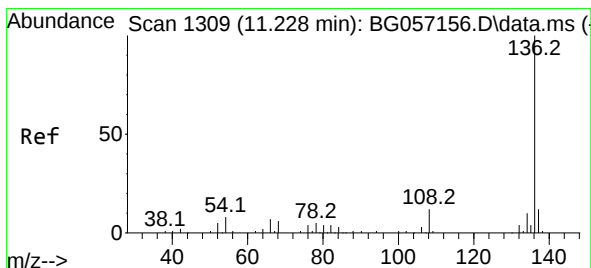
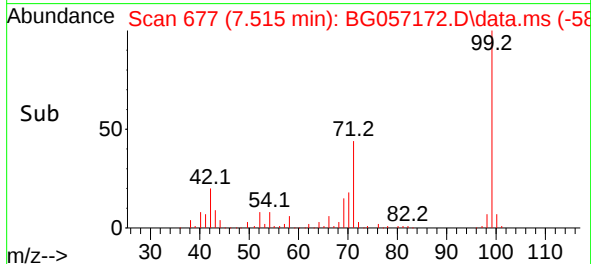
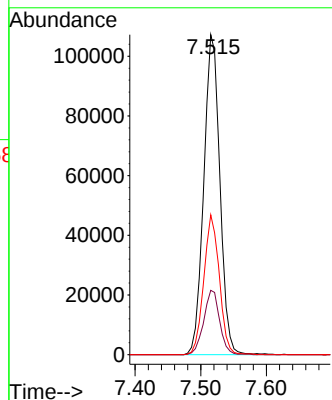
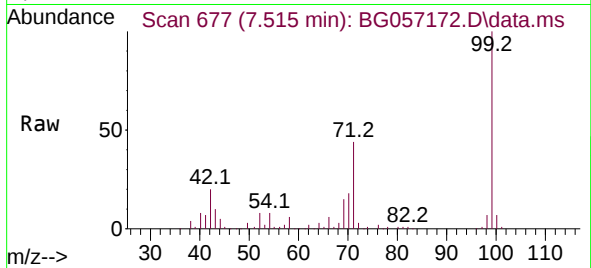




#7
Phenol-d6
Concen: 123.185 ng
RT: 7.515 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

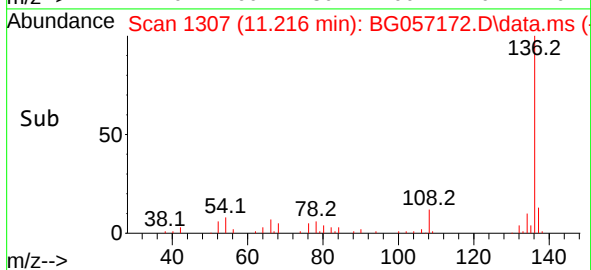
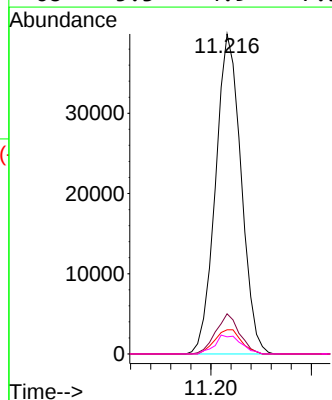
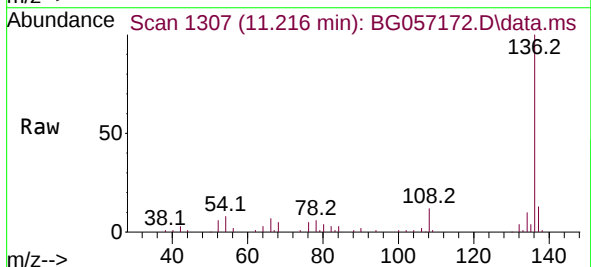
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

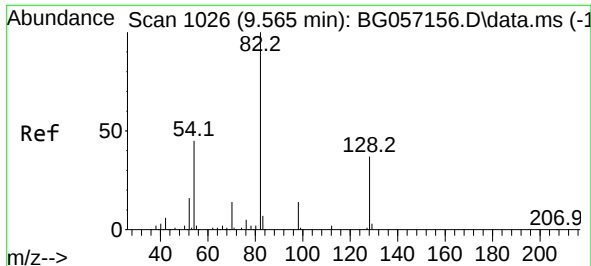
Tgt Ion: 99 Resp: 183536
Ion Ratio Lower Upper
99 100
42 20.1 13.4 20.0#
71 43.7 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion: 136 Resp: 70359
Ion Ratio Lower Upper
136 100
137 12.6 9.5 14.3
54 7.6 6.4 9.6
68 5.3 4.9 7.3

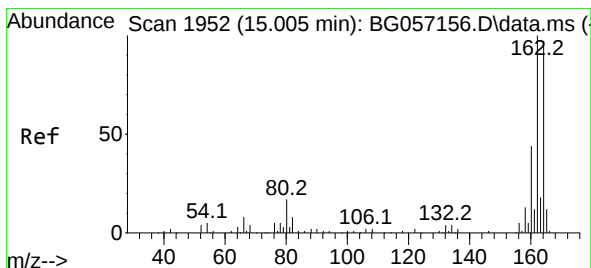
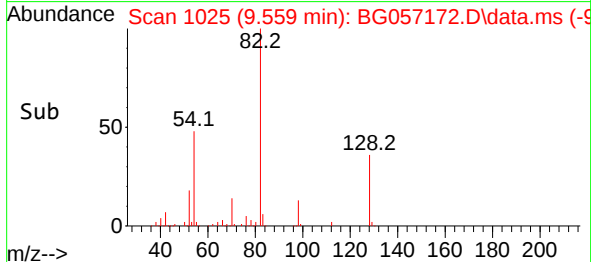
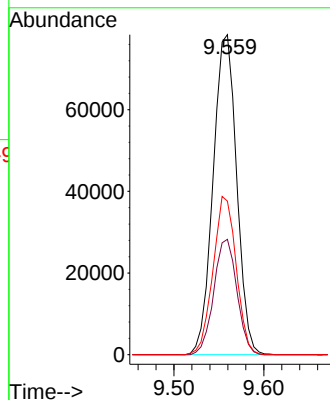
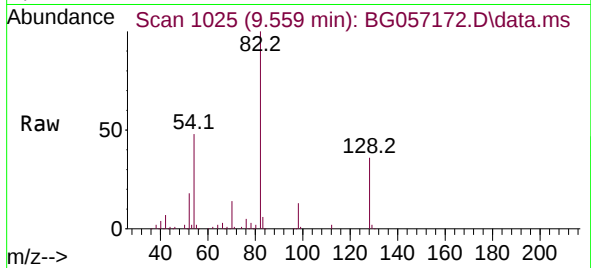




#23
Nitrobenzene-d5
Concen: 100.285 ng
RT: 9.559 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

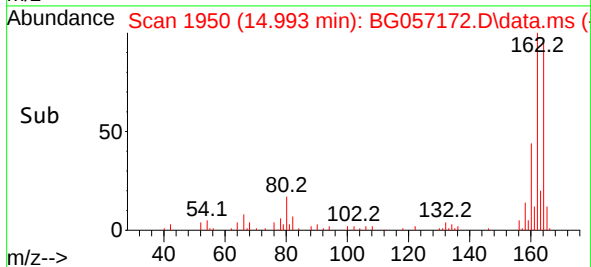
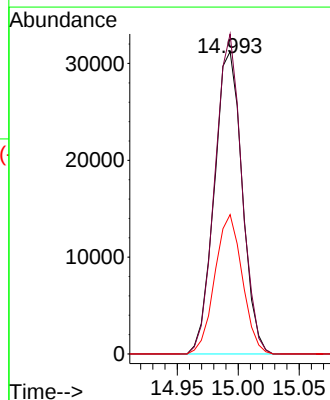
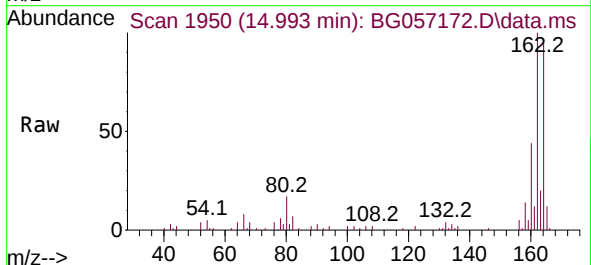
Instrument :
BNA_G
ClientSampleId :
SPD-1WC-23-04-18

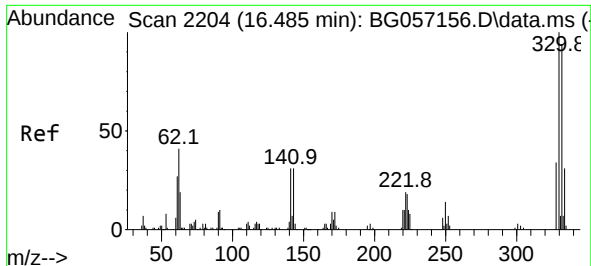
Tgt Ion: 82 Resp: 142728
Ion Ratio Lower Upper
82 100
128 36.1 29.4 44.2
54 48.0 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.993 min Scan# 1950
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

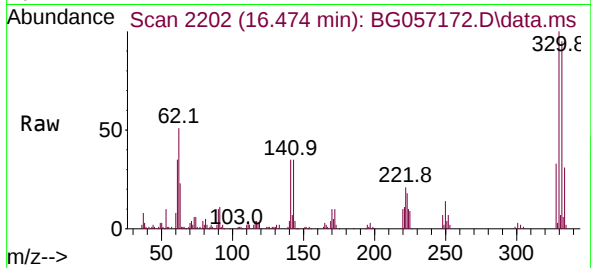
Tgt Ion: 164 Resp: 49613
Ion Ratio Lower Upper
164 100
162 105.8 82.4 123.6
160 46.1 36.2 54.2



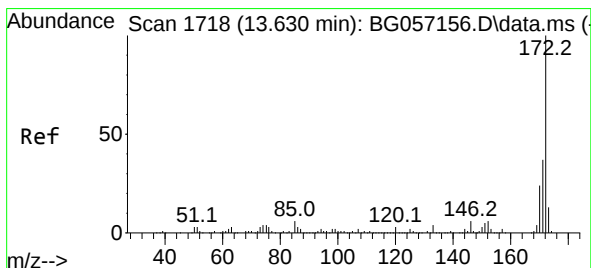
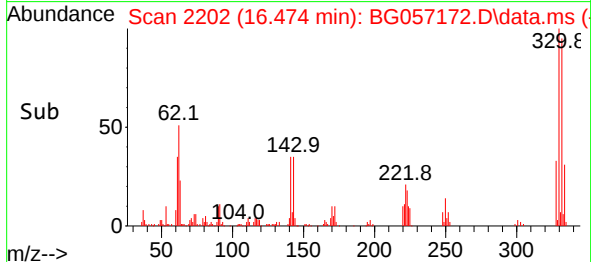
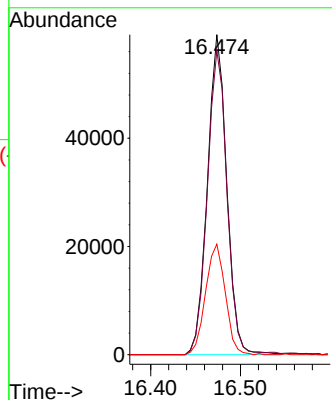


#42
2,4,6-Tribromophenol
Concen: 135.379 ng
RT: 16.474 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Instrument :
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ClientSampleId :
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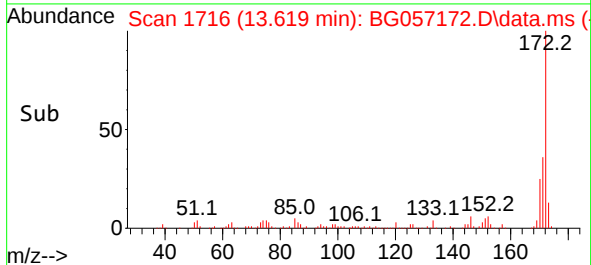
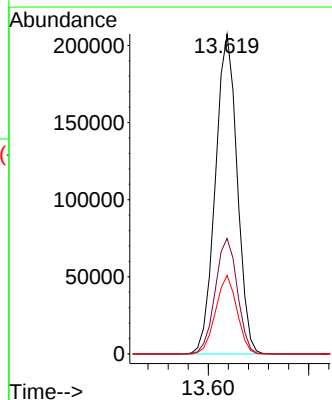
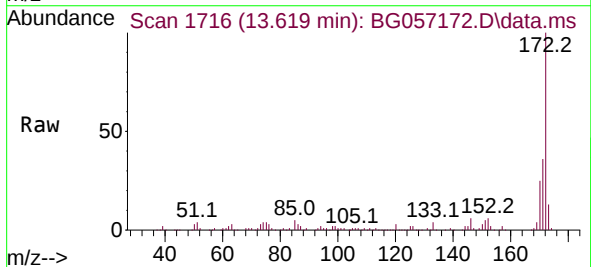


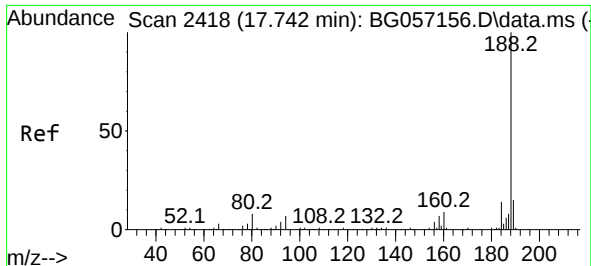
Tgt Ion:330 Resp: 88619
Ion Ratio Lower Upper
330 100
332 96.0 77.6 116.4
141 35.1 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 84.600 ng
RT: 13.619 min Scan# 1716
Delta R.T. -0.012 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:172 Resp: 312317
Ion Ratio Lower Upper
172 100
171 36.1 29.2 43.8
170 24.6 19.4 29.2

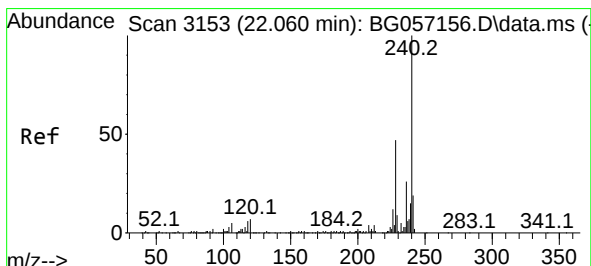
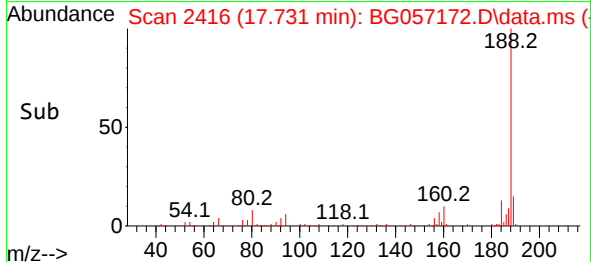
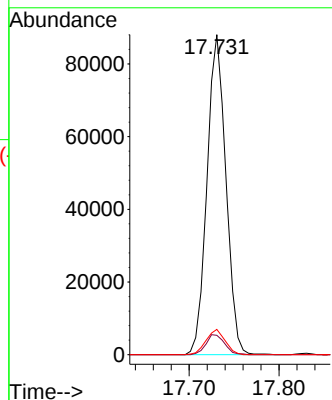
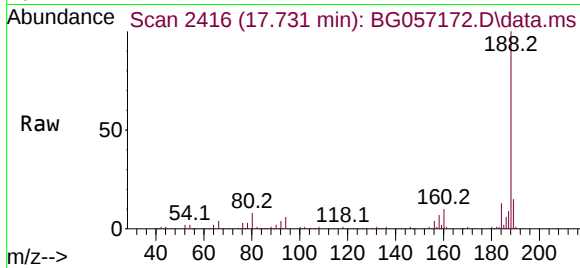




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.731 min Scan# 2416
Delta R.T. -0.011 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

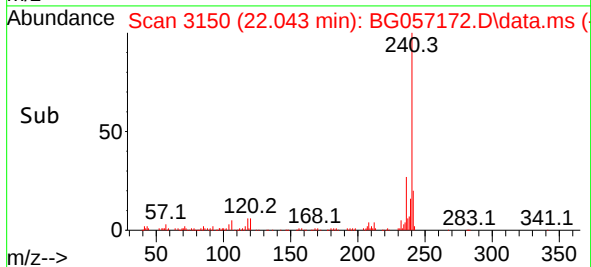
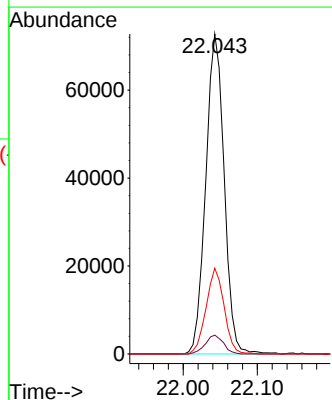
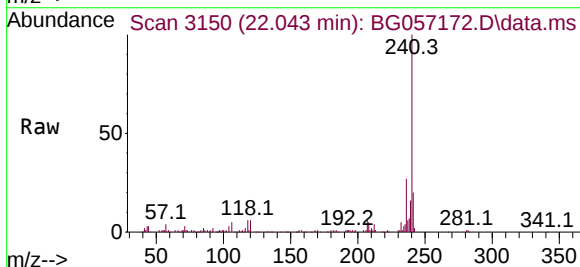
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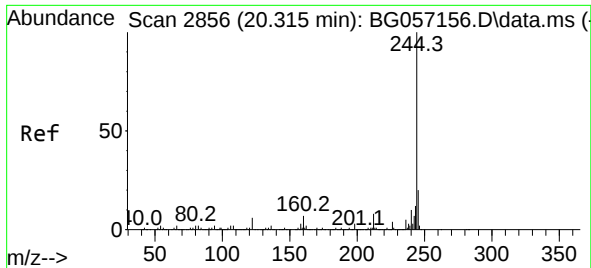
Tgt Ion:188 Resp: 128561
Ion Ratio Lower Upper
188 100
94 6.1 5.4 8.0
80 7.9 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.043 min Scan# 3150
Delta R.T. -0.017 min
Lab File: BG057172.D
Acq: 25 Apr 2023 11:53

Tgt Ion:240 Resp: 125439
Ion Ratio Lower Upper
240 100
120 5.9 5.5 8.3
236 26.8 20.8 31.2

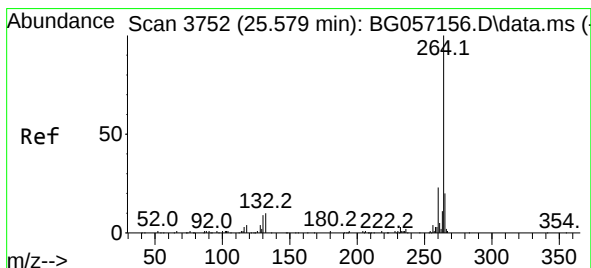
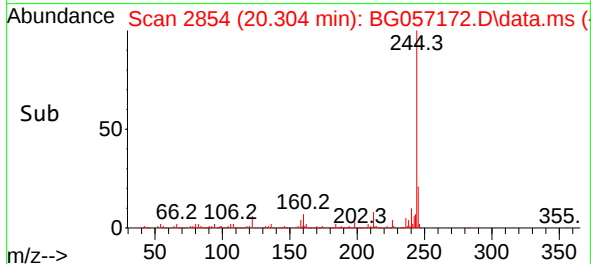
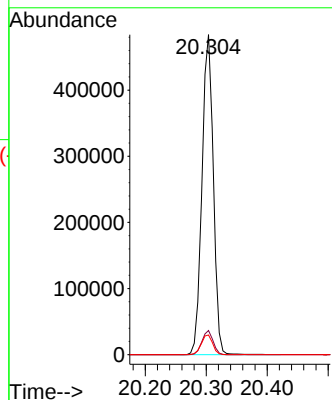
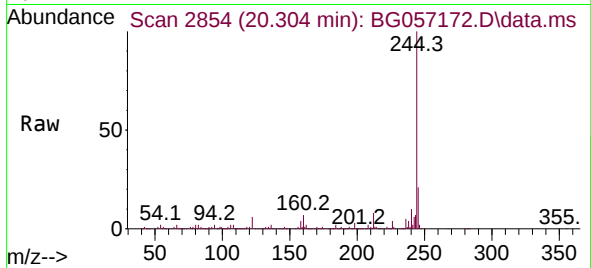




#79
 Terphenyl-d14
 Concen: 87.291 ng
 RT: 20.304 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

Instrument :
 BNA_G
 ClientSampleId :
 SPD-1WC-23-04-18

Tgt Ion:244 Resp: 626014
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.555 min Scan# 3748
 Delta R.T. -0.023 min
 Lab File: BG057172.D
 Acq: 25 Apr 2023 11:53

Tgt Ion:264 Resp: 124064
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 21.3 16.4 24.6

