

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042523\
 Data File : BG057177.D
 Acq On : 25 Apr 2023 15:20
 Operator : CG/JU
 Sample : 02423-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Apr 26 00:22:57 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	8.383	152	16307	20.000	ng	0.00
21) Naphthalene-d8	11.214	136	63746	20.000	ng	-0.01
39) Acenaphthene-d10	14.991	164	46325	20.000	ng	-0.01
64) Phenanthrene-d10	17.729	188	123522	20.000	ng	-0.01
76) Chrysene-d12	22.041	240	115114	20.000	ng	-0.02
86) Perylene-d12	25.554	264	117800	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.898	112	123156	136.862	ng	0.00
7) Phenol-d6	7.519	99	165256	126.927	ng	0.00
23) Nitrobenzene-d5	9.558	82	124510	96.560	ng	0.00
42) 2,4,6-Tribromophenol	16.478	330	83083	135.930	ng	0.00
45) 2-Fluorobiphenyl	13.617	172	289323	83.934	ng	-0.01
79) Terphenyl-d14	20.302	244	573542	87.147	ng	-0.01

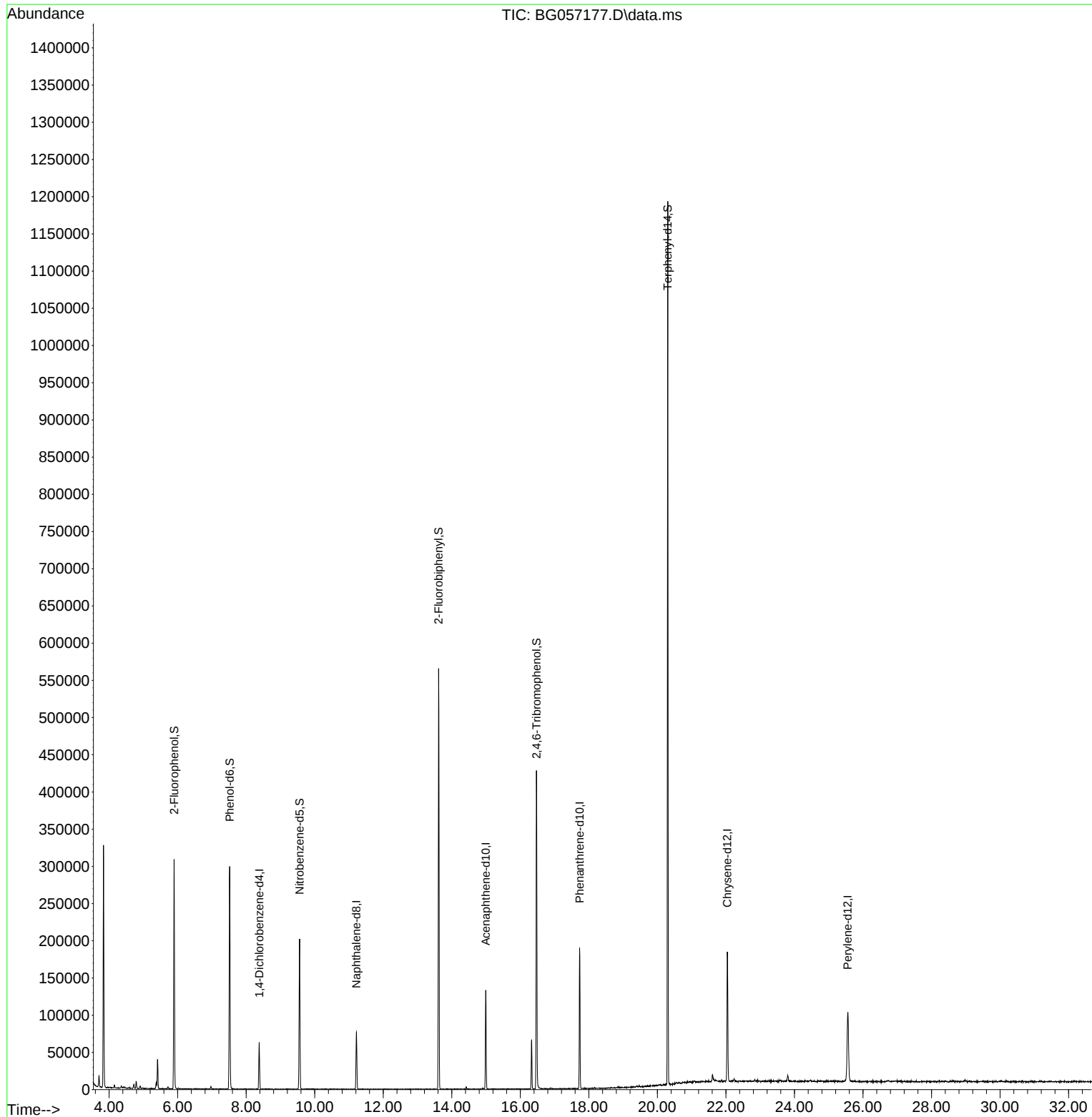
Target Compounds	Qvalue

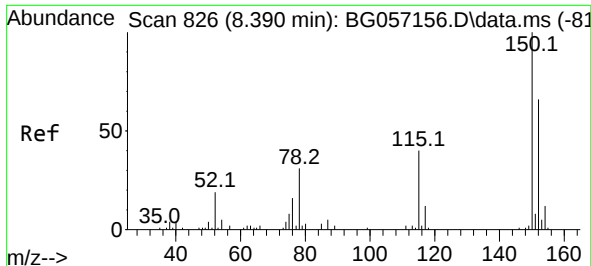
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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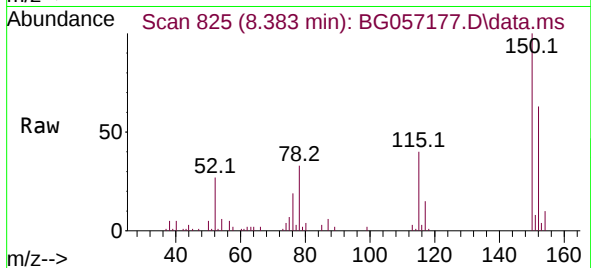
Quant Time: Apr 26 00:22:57 2023
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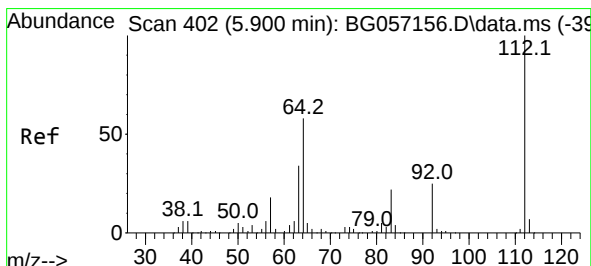
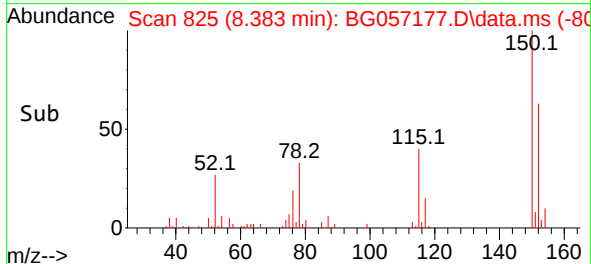
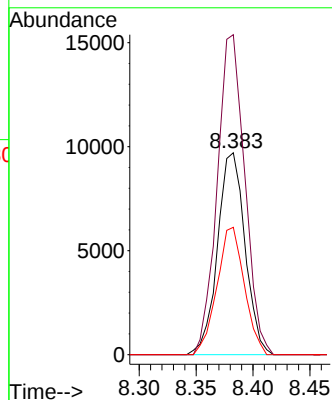


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.383 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

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

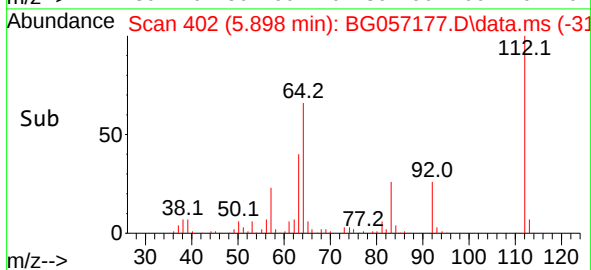
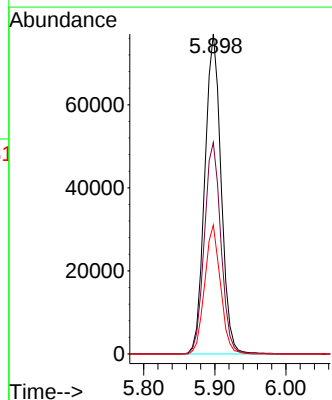
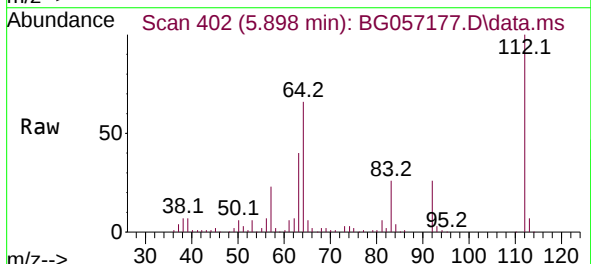


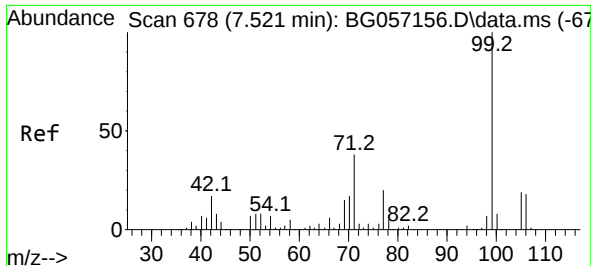
Tgt Ion:152 Resp: 16307
Ion Ratio Lower Upper
152 100
150 158.4 121.4 182.2
115 63.1 48.1 72.1



#5
2-Fluorophenol
Concen: 136.862 ng
RT: 5.898 min Scan# 402
Delta R.T. -0.002 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion:112 Resp: 123156
Ion Ratio Lower Upper
112 100
64 66.1 46.7 70.1
63 40.2 26.9 40.3

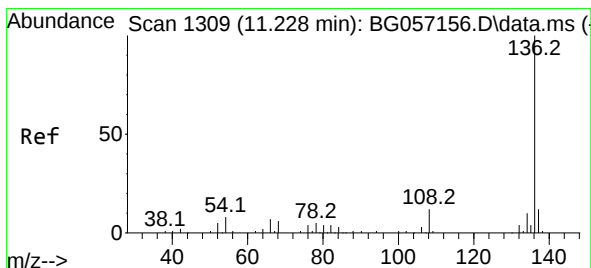
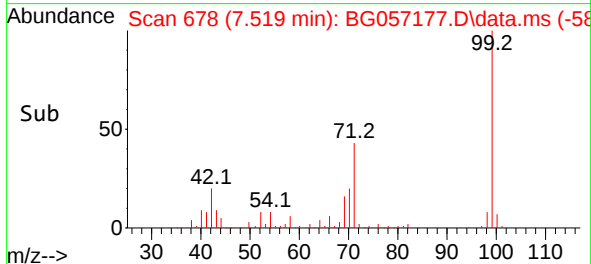
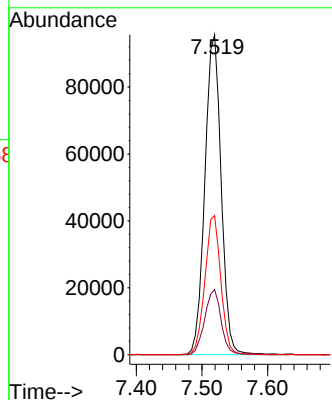
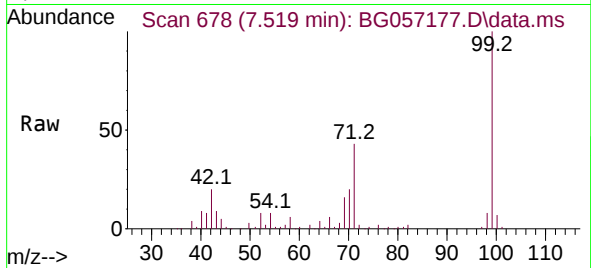




#7
Phenol-d6
Concen: 126.927 ng
RT: 7.519 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

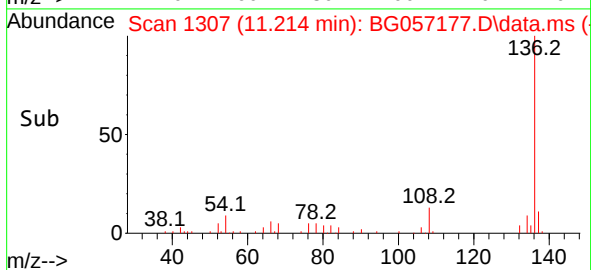
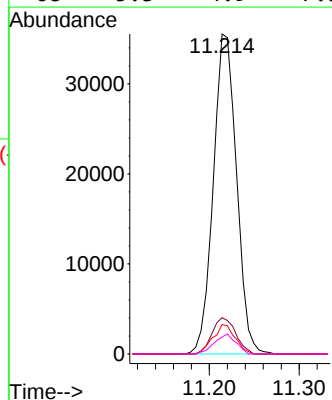
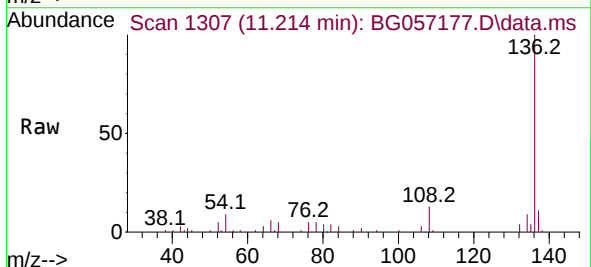
Instrument :
BNA_G
ClientSampleId :
SPE-1WC-23-04-18

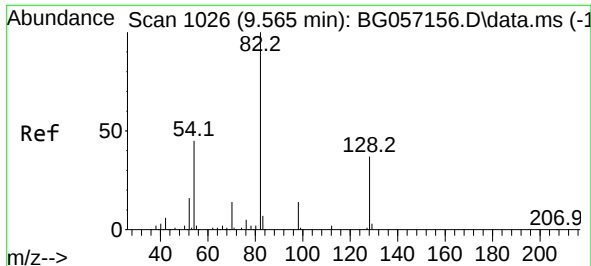
Tgt Ion: 99 Resp: 165256
Ion Ratio Lower Upper
99 100
42 20.3 13.4 20.0#
71 43.5 30.2 45.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.214 min Scan# 1307
Delta R.T. -0.013 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion: 136 Resp: 63746
Ion Ratio Lower Upper
136 100
137 11.3 9.5 14.3
54 9.2 6.4 9.6
68 5.3 4.9 7.3

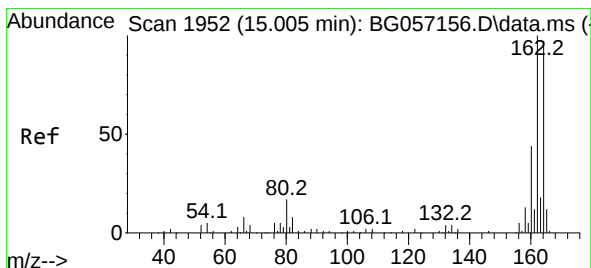
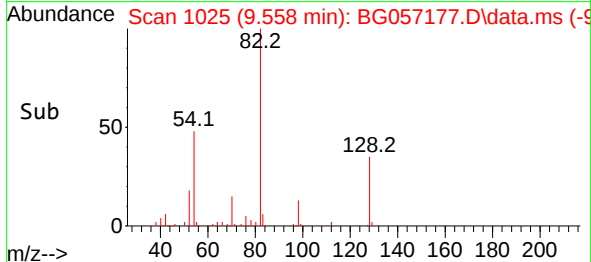
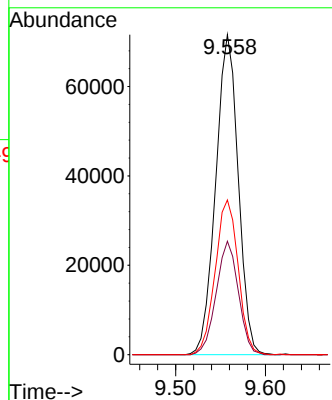
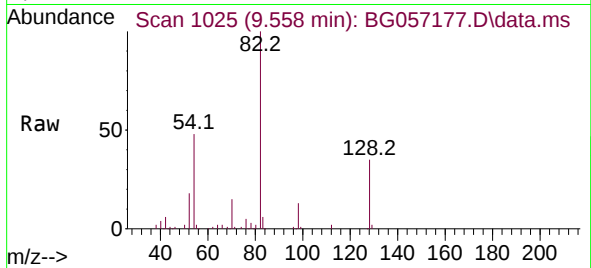




#23
Nitrobenzene-d5
Concen: 96.560 ng
RT: 9.558 min Scan# 1025
Delta R.T. -0.007 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

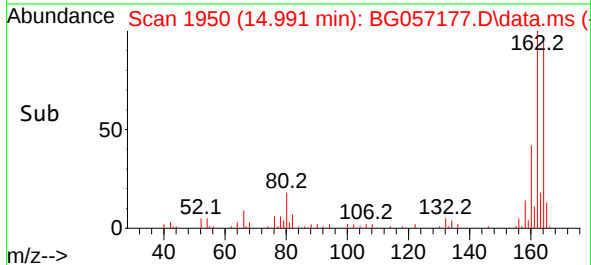
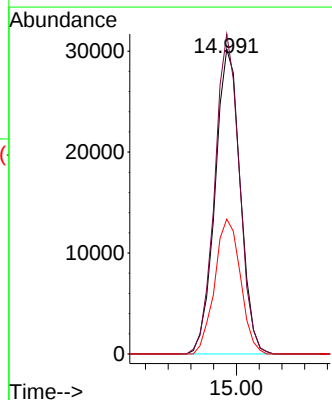
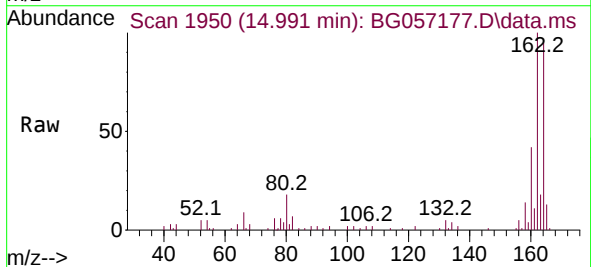
Instrument :
BNA_G
ClientSampleId :
SPE-1WC-23-04-18

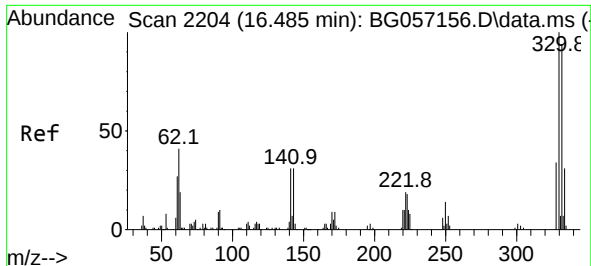
Tgt Ion: 82 Resp: 124510
Ion Ratio Lower Upper
82 100
128 35.5 29.4 44.2
54 48.4 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.991 min Scan# 1950
Delta R.T. -0.014 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

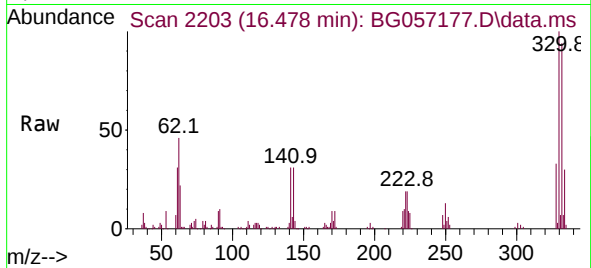
Tgt Ion: 164 Resp: 46325
Ion Ratio Lower Upper
164 100
162 105.0 82.4 123.6
160 44.3 36.2 54.2



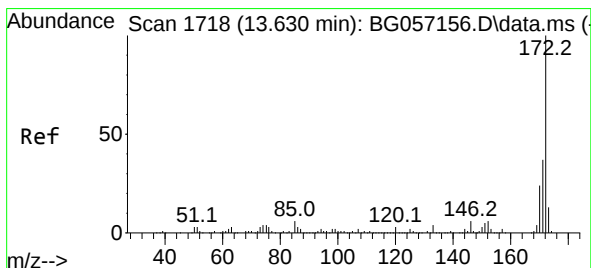
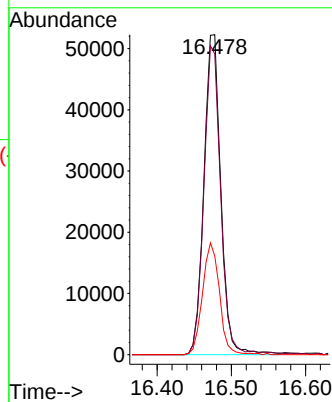
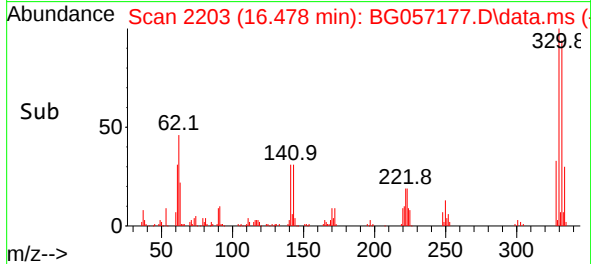


#42
2,4,6-Tribromophenol
Concen: 135.930 ng
RT: 16.478 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

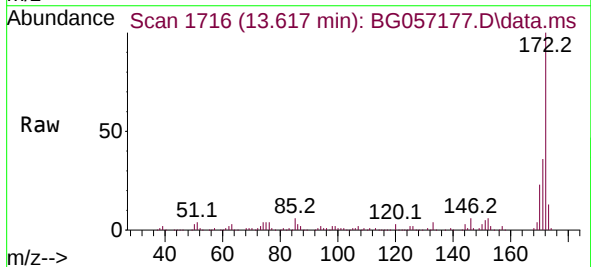
Instrument :
BNA_G
ClientSampleId :
SPE-1WC-23-04-18



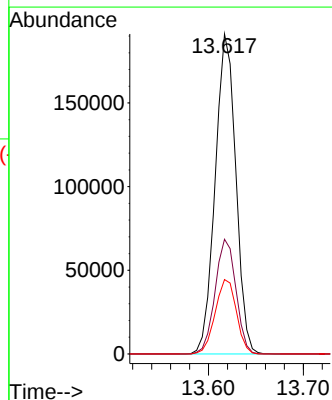
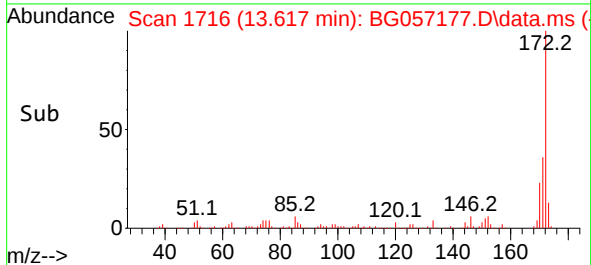
Tgt Ion:330 Resp: 83083
Ion Ratio Lower Upper
330 100
332 95.5 77.6 116.4
141 35.0 26.0 39.0

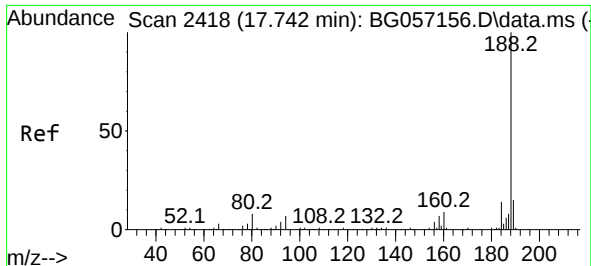


#45
2-Fluorobiphenyl
Concen: 83.934 ng
RT: 13.617 min Scan# 1716
Delta R.T. -0.013 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20



Tgt Ion:172 Resp: 289323
Ion Ratio Lower Upper
172 100
171 35.9 29.2 43.8
170 23.2 19.4 29.2

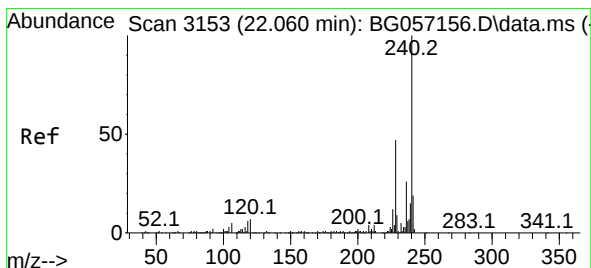
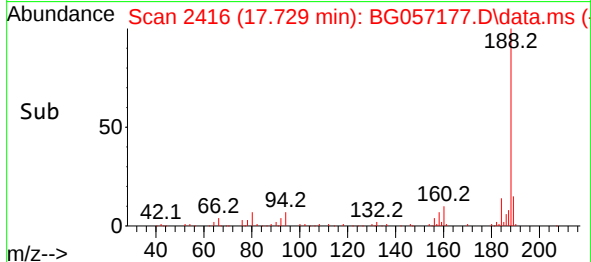
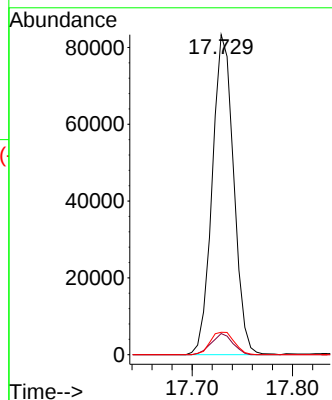
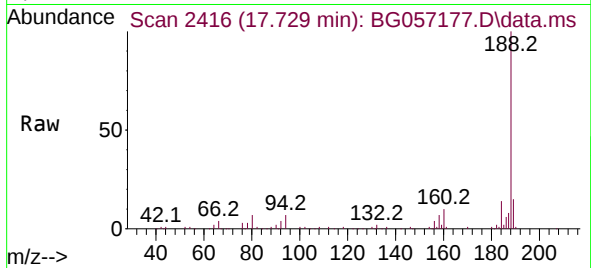




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.729 min Scan# 2416
Delta R.T. -0.013 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

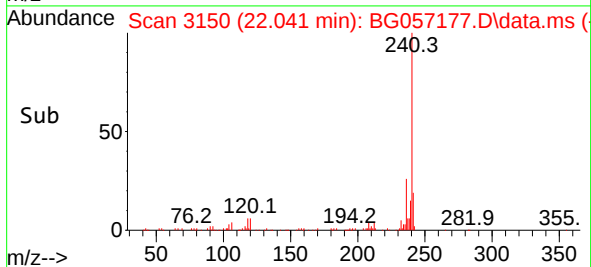
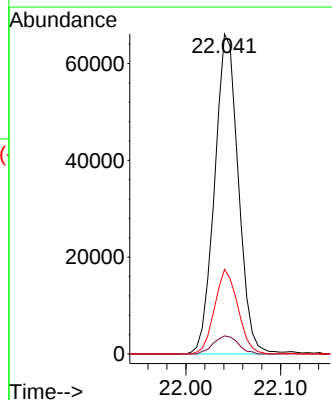
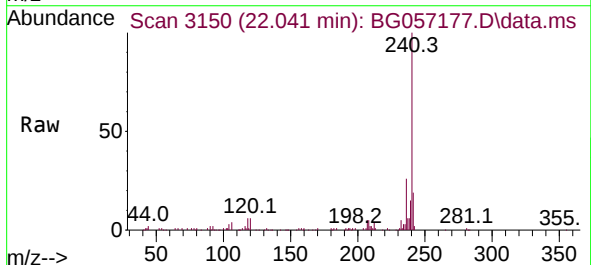
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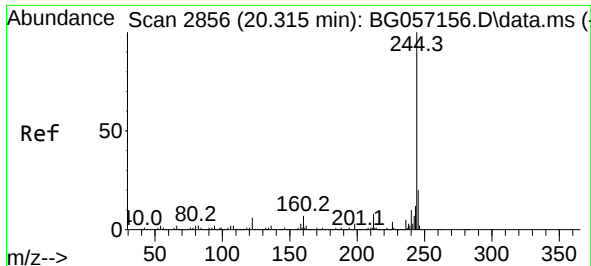
Tgt Ion:188 Resp: 123522
Ion Ratio Lower Upper
188 100
94 6.6 5.4 8.0
80 7.0 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.041 min Scan# 3150
Delta R.T. -0.019 min
Lab File: BG057177.D
Acq: 25 Apr 2023 15:20

Tgt Ion:240 Resp: 115114
Ion Ratio Lower Upper
240 100
120 5.7 5.5 8.3
236 26.4 20.8 31.2

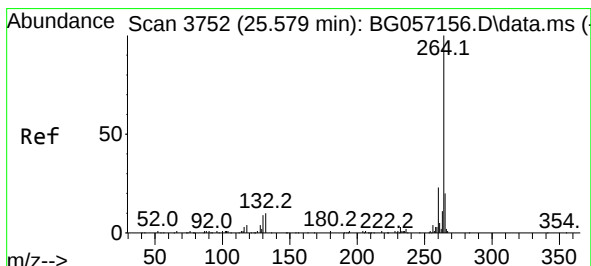
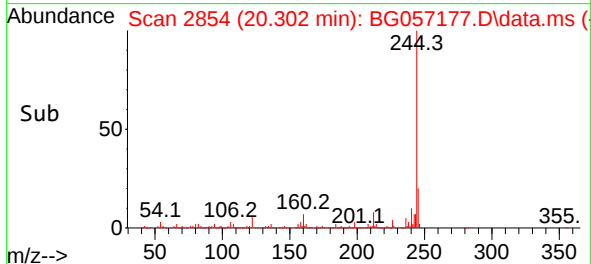
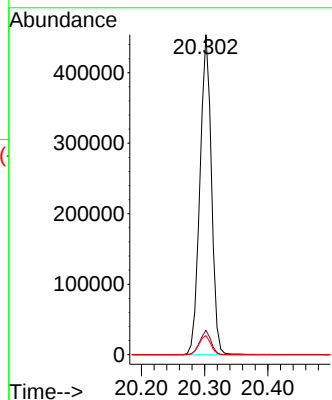
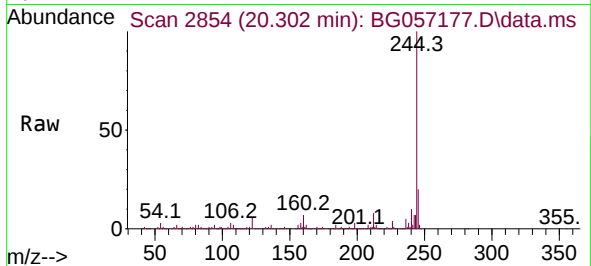




#79
 Terphenyl-d14
 Concen: 87.147 ng
 RT: 20.302 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20

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

Tgt Ion:244 Resp: 573542
 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: 25.554 min Scan# 3748
 Delta R.T. -0.025 min
 Lab File: BG057177.D
 Acq: 25 Apr 2023 15:20

Tgt Ion:264 Resp: 117800
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.0 16.4 24.6

