

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052022\
 Data File : BG053645.D
 Acq On : 20 May 2022 15:47
 Operator : CG/JU
 Sample : N2939-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B2-WATER

Quant Time: May 23 01:31:08 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 03:55:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	26938	20.000	ng	-0.01
21) Naphthalene-d8	10.877	136	102408	20.000	ng	# 0.00
39) Acenaphthene-d10	14.695	164	72676	20.000	ng	0.00
64) Phenanthrene-d10	17.439	188	175023	20.000	ng	-0.01
76) Chrysene-d12	21.721	240	175846	20.000	ng	#-0.01
86) Perylene-d12	24.987	264	178287	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.637	112	100173	63.110	ng	0.00
7) Phenol-d6	7.235	99	89603	37.196	ng	0.00
23) Nitrobenzene-d5	9.232	82	225750	93.839	ng	0.00
42) 2,4,6-Tribromophenol	16.187	330	145037	135.310	ng	0.00
45) 2-Fluorobiphenyl	13.315	172	476488	95.806	ng	-0.01
79) Terphenyl-d14	20.047	244	879542	93.157	ng	0.00

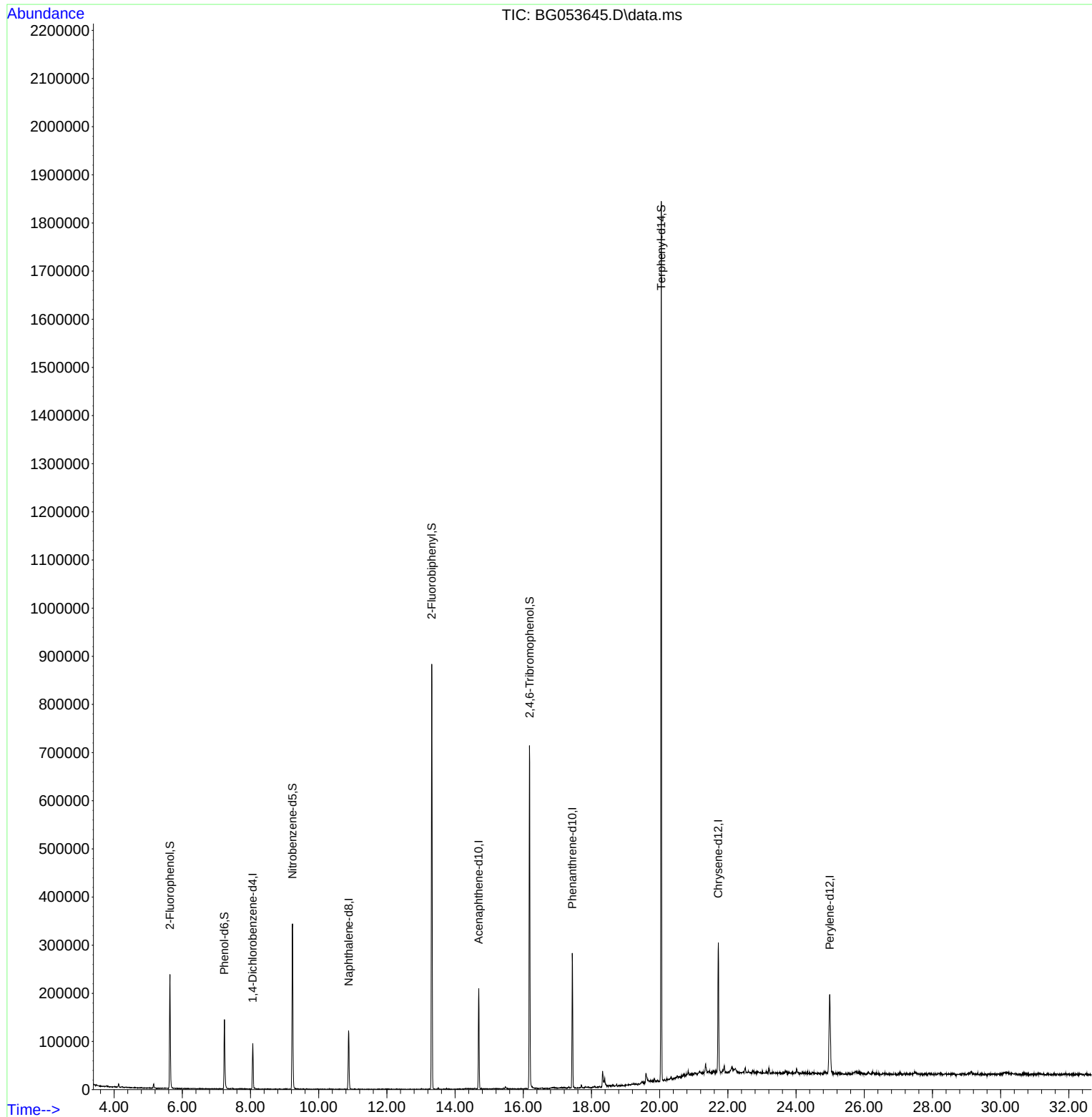
Target Compounds	Qvalue

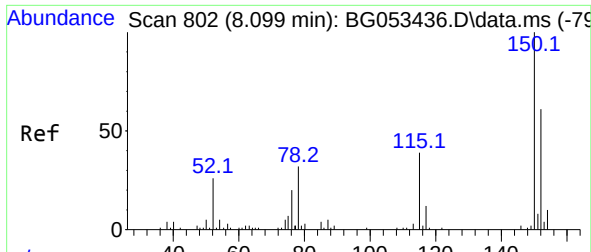
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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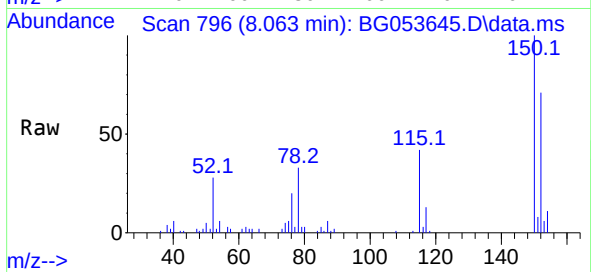
Quant Time: May 23 01:31:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
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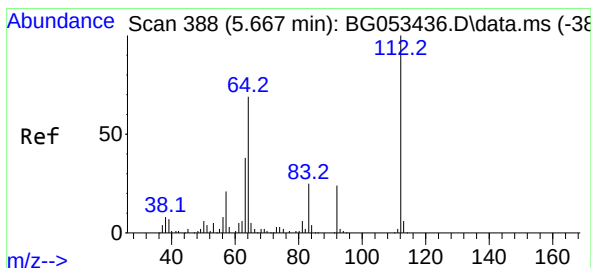
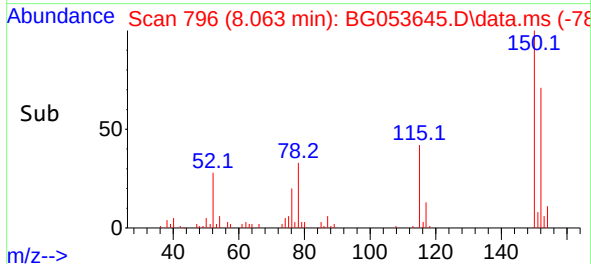
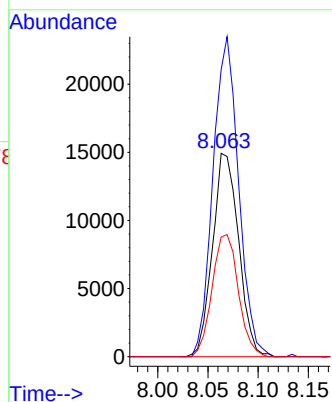


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.063 min Scan# 796
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Instrument :
BNA_G
ClientSampleId :
B2-WATER

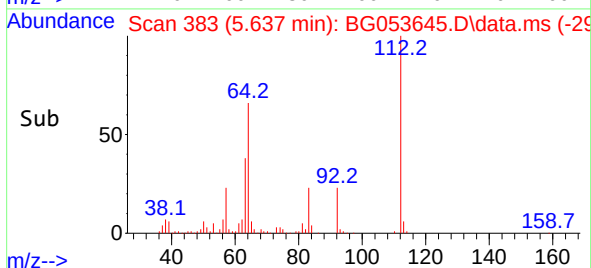
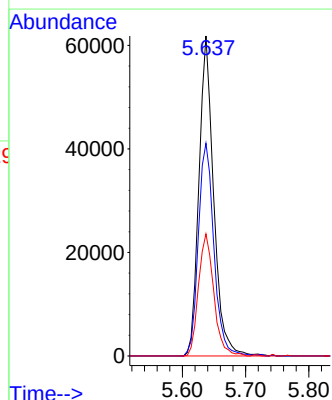
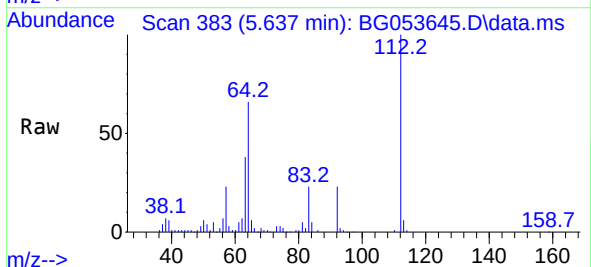


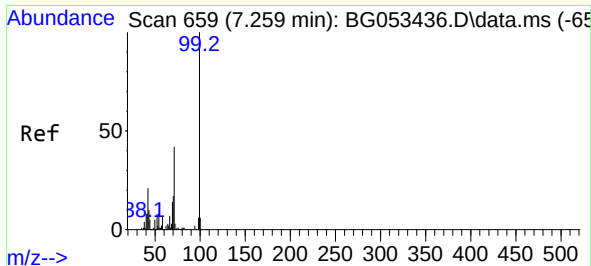
Tgt Ion:152 Resp: 26938
Ion Ratio Lower Upper
152 100
150 141.2 131.6 197.4
115 58.9 50.9 76.3



#5
2-Fluorophenol
Concen: 63.110 ng
RT: 5.637 min Scan# 383
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:112 Resp: 100173
Ion Ratio Lower Upper
112 100
64 66.4 55.1 82.7
63 38.1 30.4 45.6

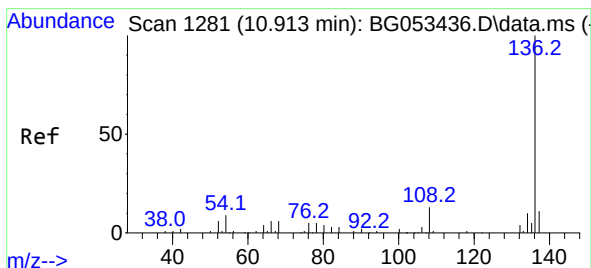
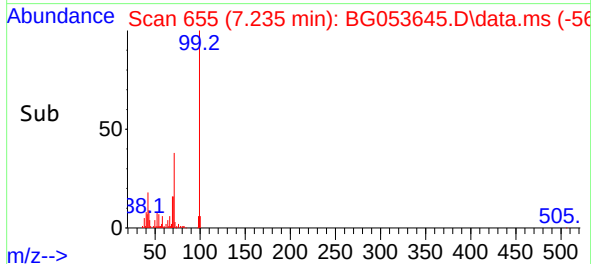
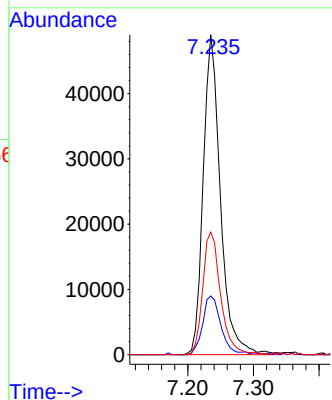
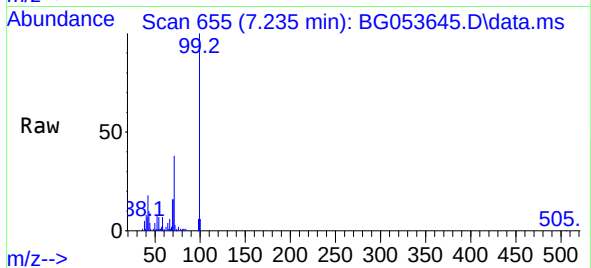




#7
Phenol-d6
Concen: 37.196 ng
RT: 7.235 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

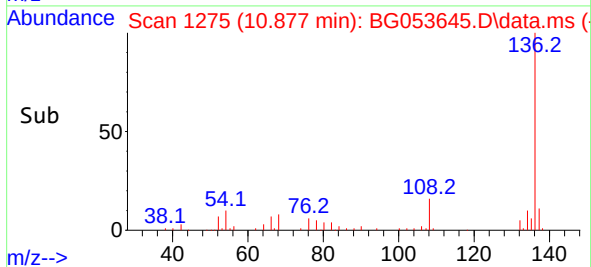
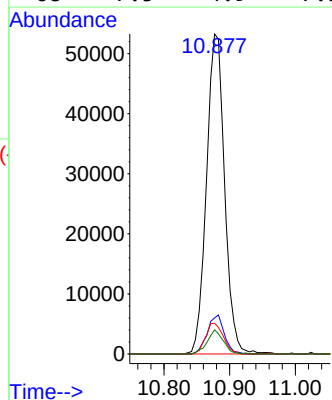
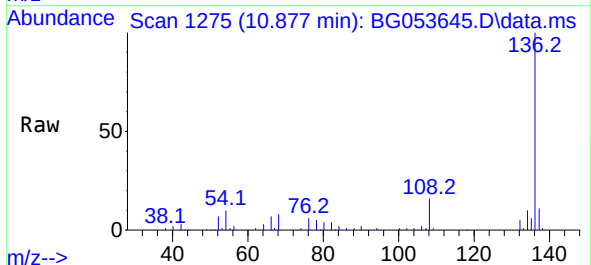
Instrument :
BNA_G
ClientSampleId :
B2-WATER

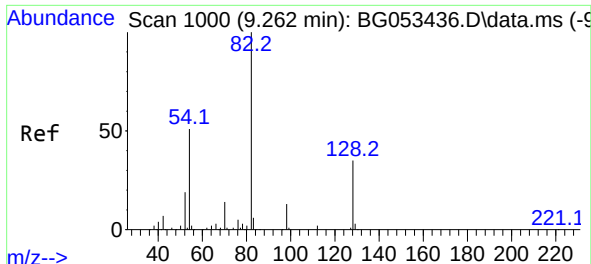
Tgt Ion: 99 Resp: 89603
Ion Ratio Lower Upper
99 100
42 18.3 17.0 25.6
71 38.3 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.877 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion: 136 Resp: 102408
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 9.6 7.4 11.2
68 7.5 4.9 7.3#

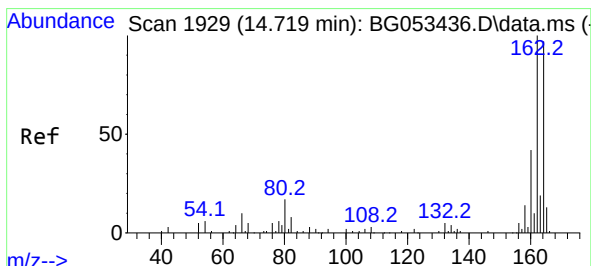
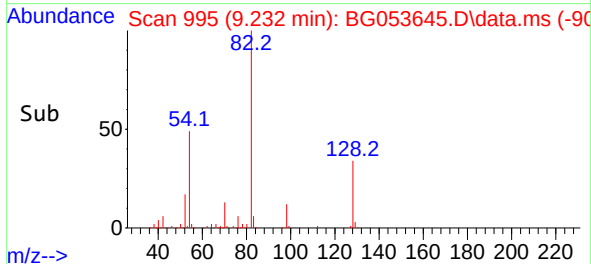
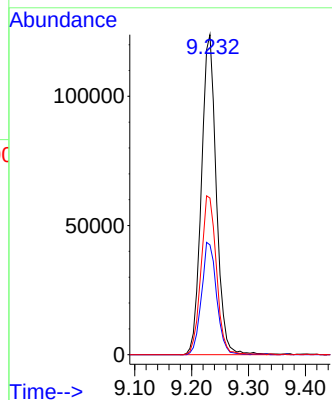
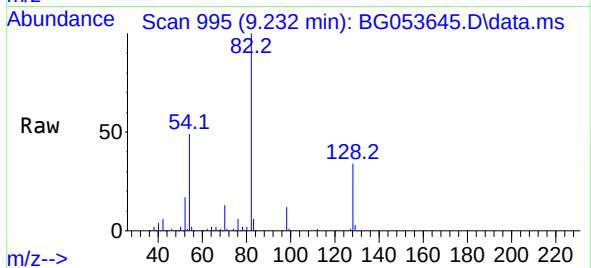




#23
Nitrobenzene-d5
Concen: 93.839 ng
RT: 9.232 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

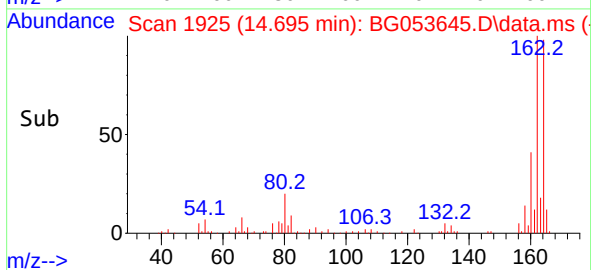
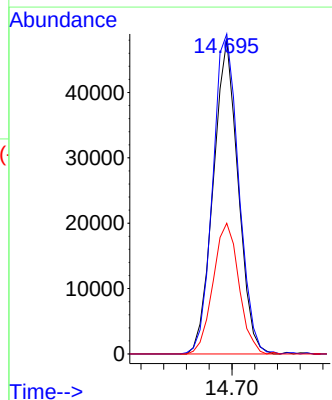
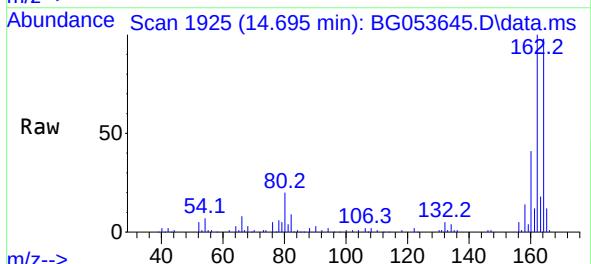
Instrument :
BNA_G
ClientSampleId :
B2-WATER

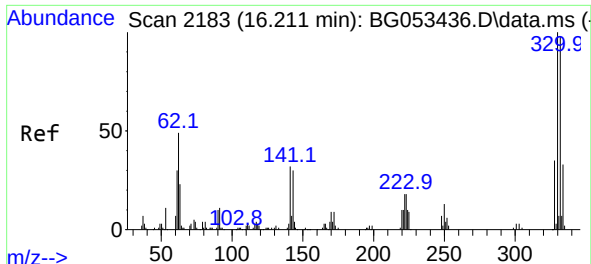
Tgt Ion: 82 Resp: 225750
Ion Ratio Lower Upper
82 100
128 34.3 27.9 41.9
54 48.9 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.695 min Scan# 1925
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion: 164 Resp: 72676
Ion Ratio Lower Upper
164 100
162 101.9 82.3 123.5
160 41.6 34.2 51.2

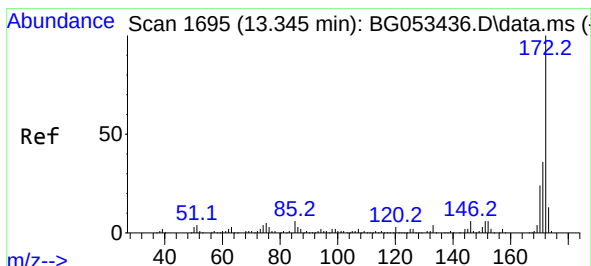
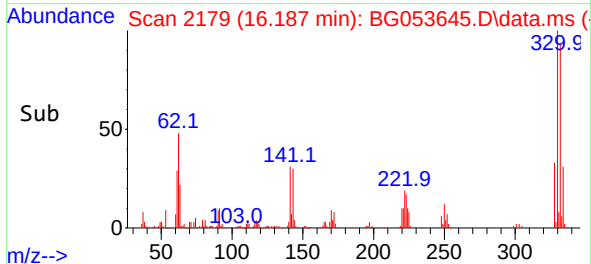
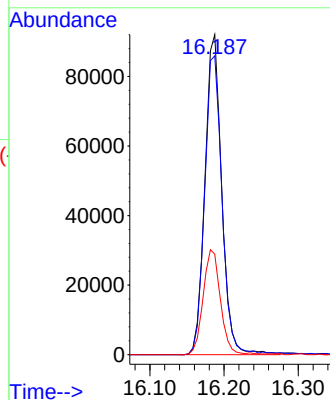
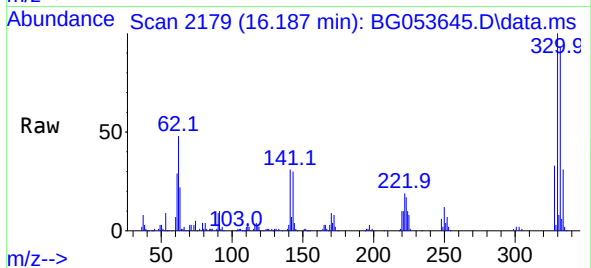




#42
2,4,6-Tribromophenol
Concen: 135.310 ng
RT: 16.187 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

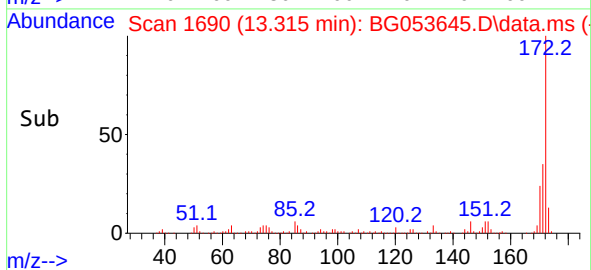
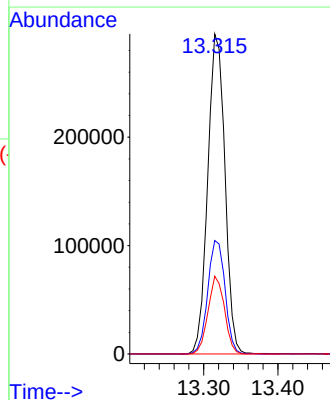
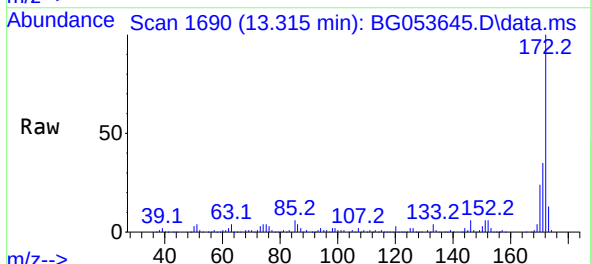
Instrument :
BNA_G
ClientSampleId :
B2-WATER

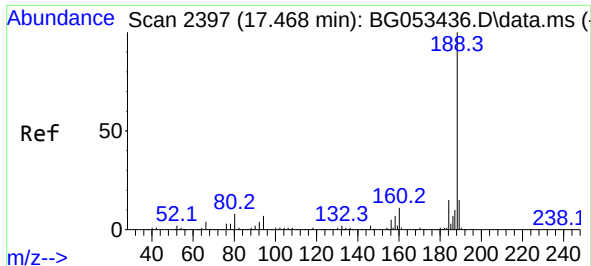
Tgt Ion:330 Resp: 145037
Ion Ratio Lower Upper
330 100
332 96.9 76.0 114.0
141 33.4 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 95.806 ng
RT: 13.315 min Scan# 1690
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:172 Resp: 476488
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 24.3 18.9 28.3

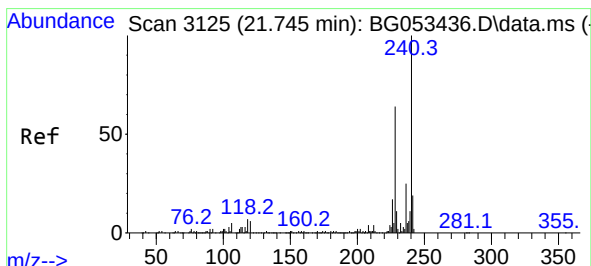
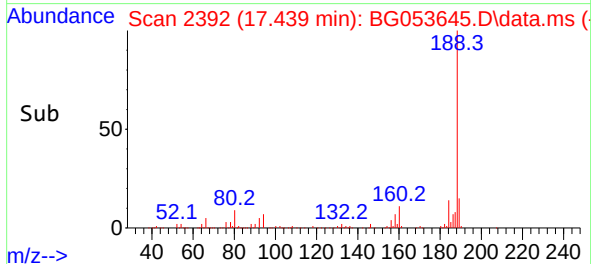
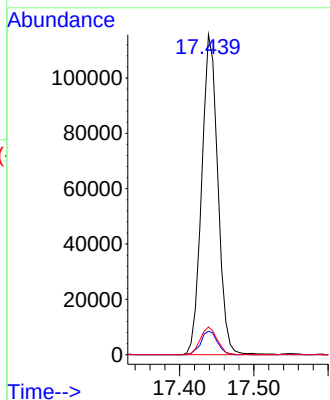
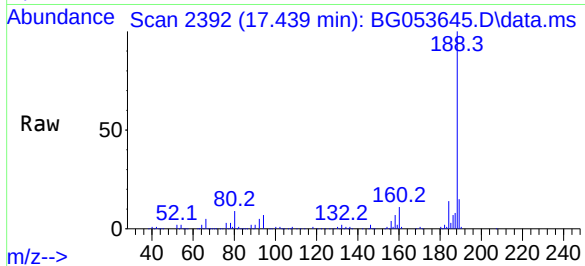




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.439 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

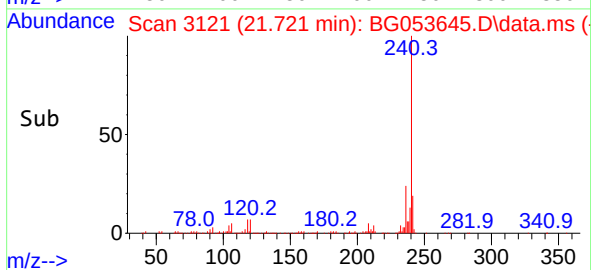
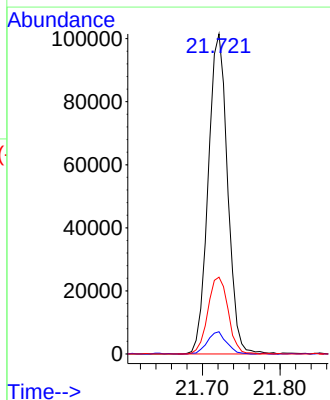
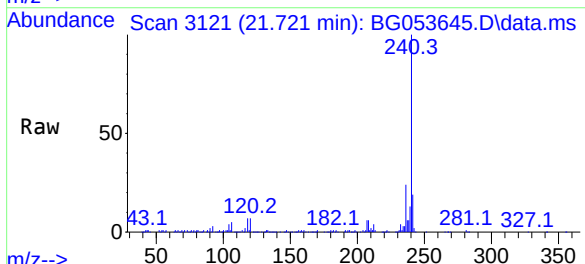
Instrument :
BNA_G
ClientSampleId :
B2-WATER

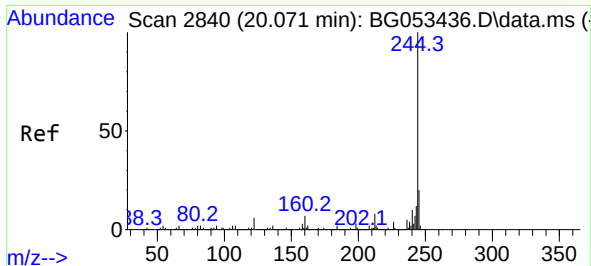
Tgt Ion:188 Resp: 175023
Ion Ratio Lower Upper
188 100
94 7.3 5.4 8.0
80 8.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.721 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BG053645.D
Acq: 20 May 2022 15:47

Tgt Ion:240 Resp: 175846
Ion Ratio Lower Upper
240 100
120 7.0 4.6 7.0#
236 24.0 20.2 30.4

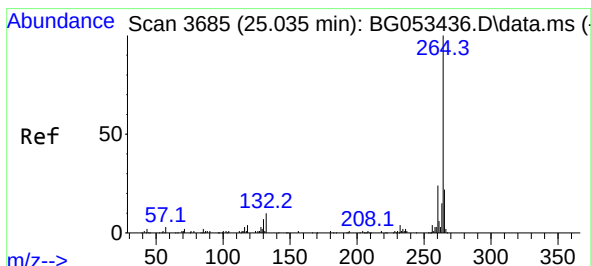
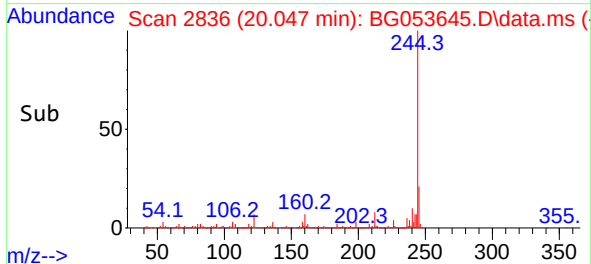
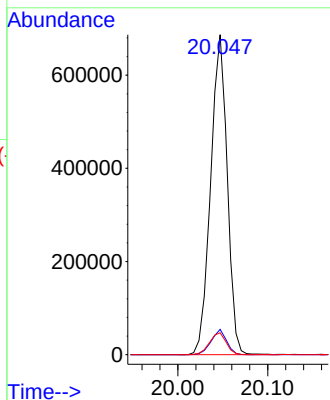
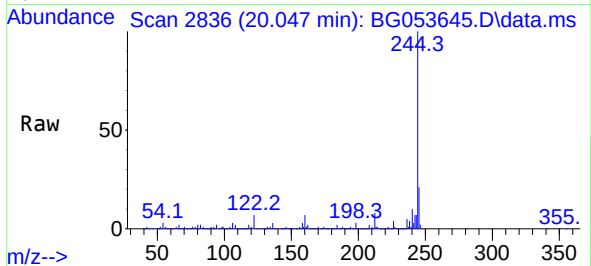




#79
 Terphenyl-d14
 Concen: 93.157 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG053645.D
 Acq: 20 May 2022 15:47

Instrument :
 BNA_G
 ClientSampleId :
 B2-WATER

Tgt Ion:244 Resp: 879542
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.987 min Scan# 3677
 Delta R.T. -0.018 min
 Lab File: BG053645.D
 Acq: 20 May 2022 15:47

Tgt Ion:264 Resp: 178287
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 20.7 17.4 26.2

