

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051923\
 Data File : BG057472.D
 Acq On : 19 May 2023 18:10
 Operator : CG/JU
 Sample : 02840-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Quant Time: May 20 04:29:00 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	19746	20.000	ng	0.00
21) Naphthalene-d8	11.192	136	72660	20.000	ng	# 0.00
39) Acenaphthene-d10	14.969	164	46756	20.000	ng	0.00
64) Phenanthrene-d10	17.707	188	121301	20.000	ng	0.00
76) Chrysene-d12	22.013	240	132184	20.000	ng	0.00
86) Perylene-d12	25.508	264	127199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	54790	47.465	ng	0.00
7) Phenol-d6	7.497	99	48819	27.851	ng	0.00
23) Nitrobenzene-d5	9.535	82	104899	60.593	ng	0.00
42) 2,4,6-Tribromophenol	16.450	330	67845	102.266	ng	0.00
45) 2-Fluorobiphenyl	13.595	172	244772	70.506	ng	0.00
79) Terphenyl-d14	20.274	244	412739	50.956	ng	0.00

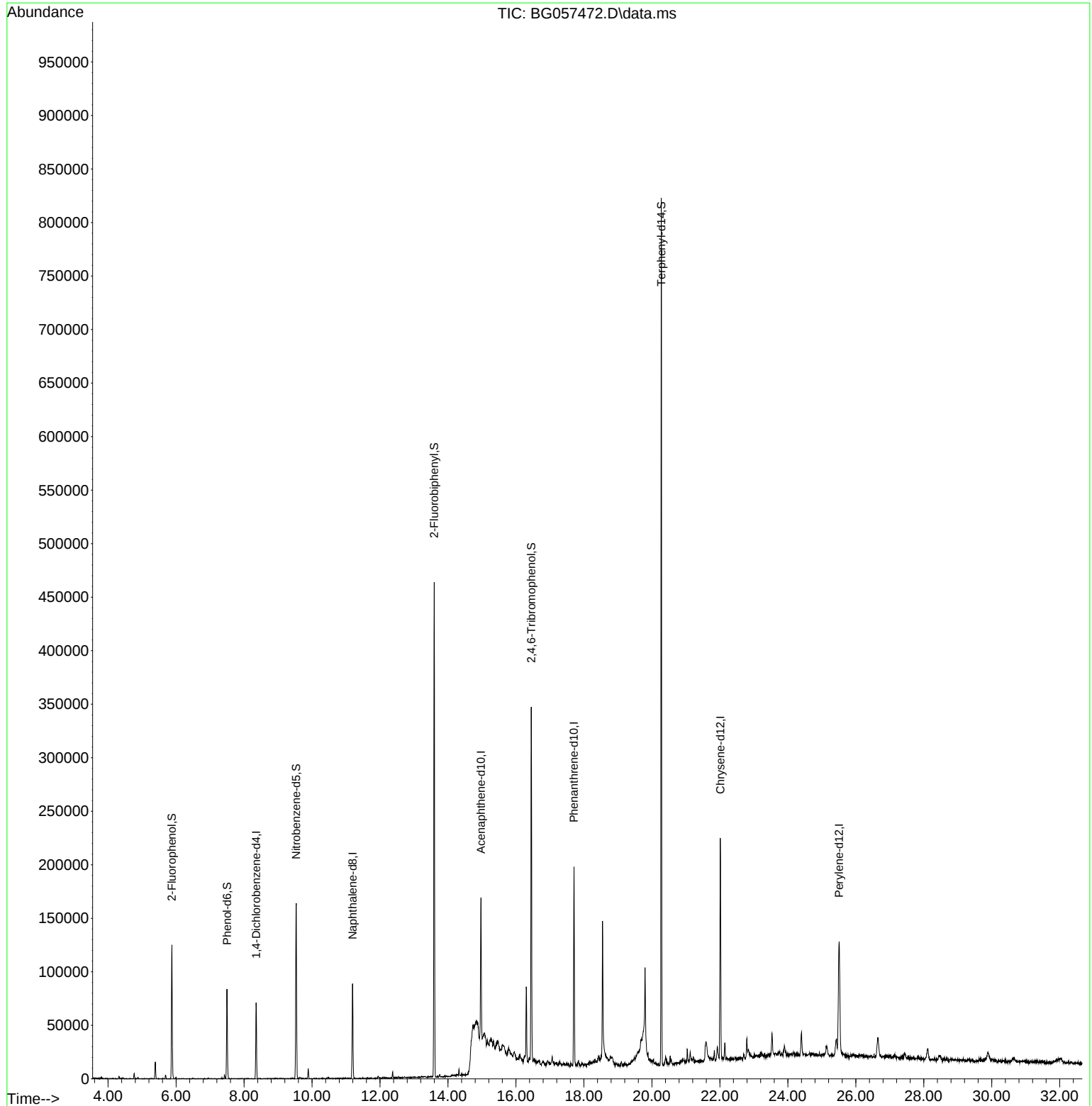
Target Compounds	Qvalue

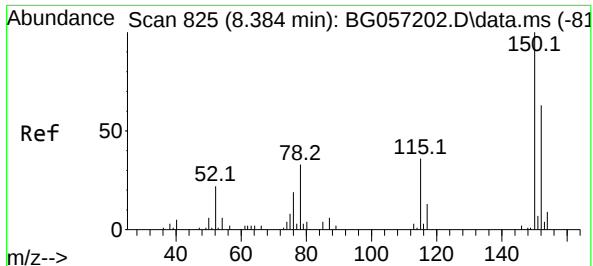
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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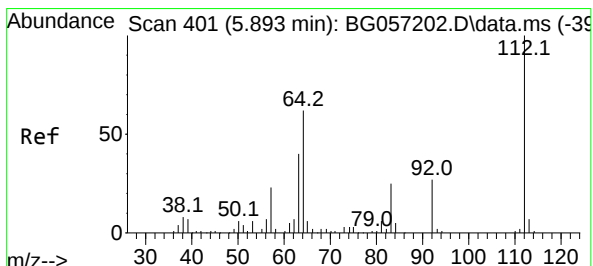
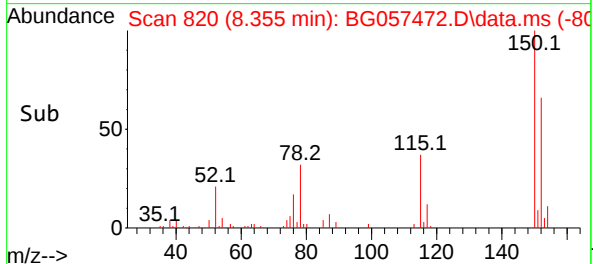
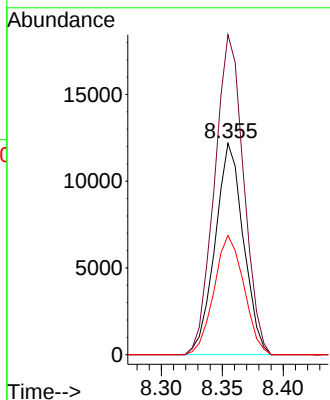
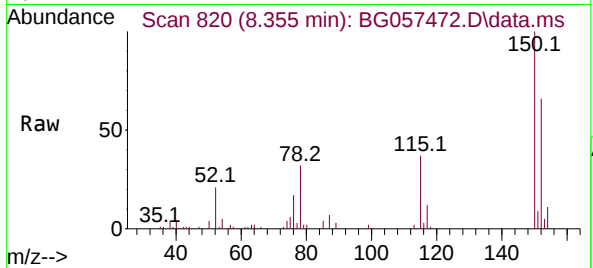




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.355 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

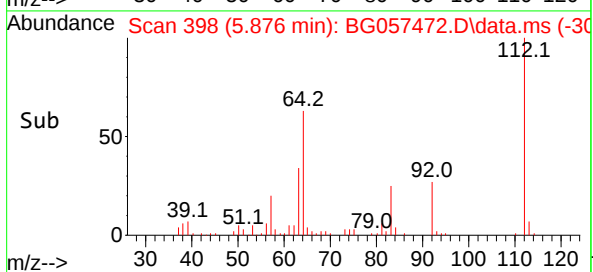
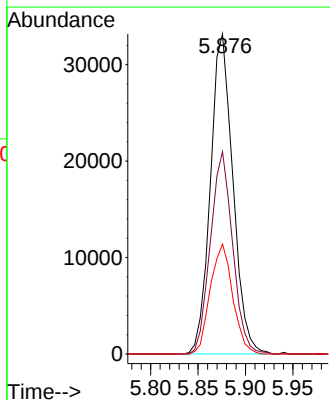
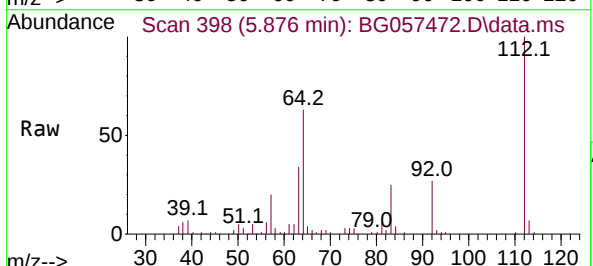
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

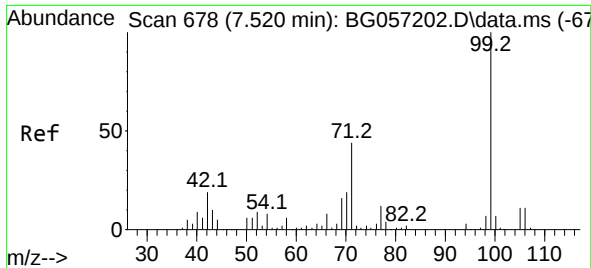
Tgt Ion:152 Resp: 19746
Ion Ratio Lower Upper
152 100
150 151.4 126.2 189.4
115 56.4 45.0 67.4



#5
2-Fluorophenol
Concen: 47.465 ng
RT: 5.876 min Scan# 398
Delta R.T. 0.005 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

Tgt Ion:112 Resp: 54790
Ion Ratio Lower Upper
112 100
64 63.3 49.4 74.2
63 34.4 31.6 47.4

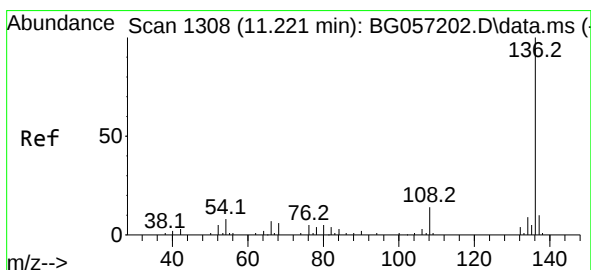
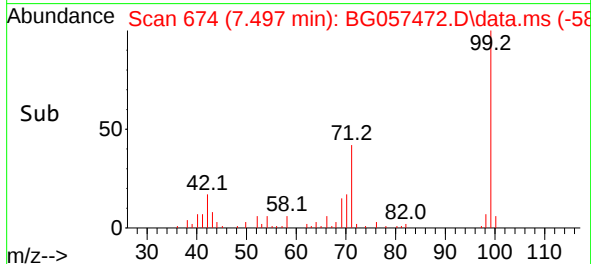
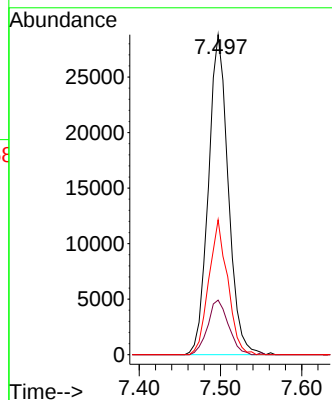
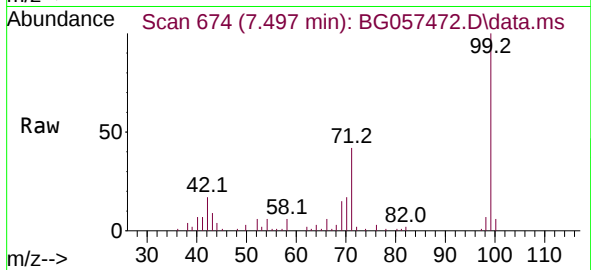




#7
Phenol-d6
Concen: 27.851 ng
RT: 7.497 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

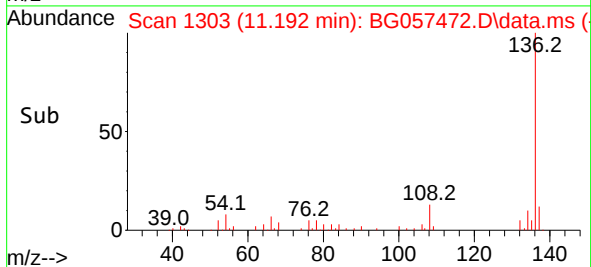
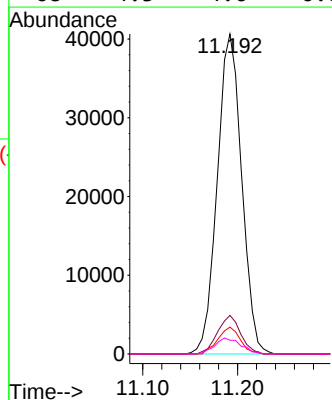
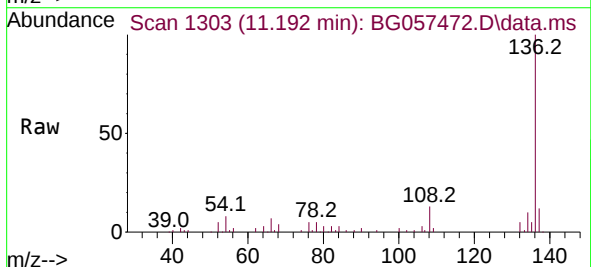
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

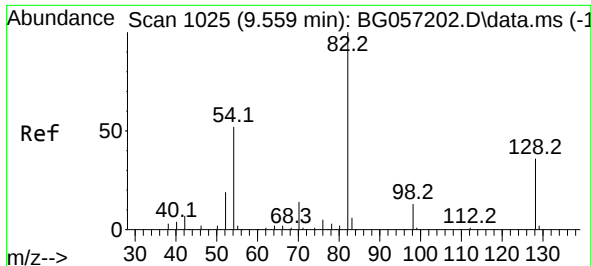
Tgt Ion: 99 Resp: 48819
Ion Ratio Lower Upper
99 100
42 17.0 15.1 22.7
71 42.2 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.192 min Scan# 1303
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

Tgt Ion: 136 Resp: 72660
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 8.4 6.7 10.1
68 4.3 4.6 6.8

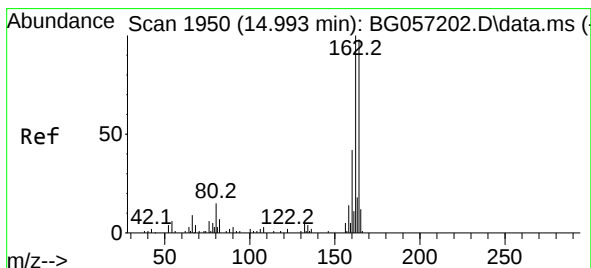
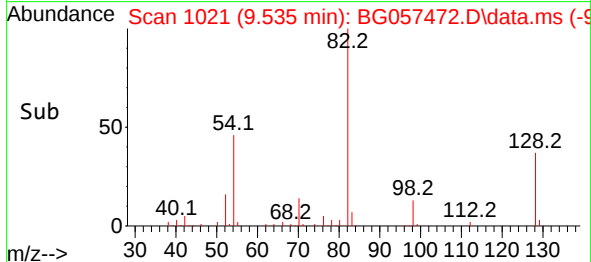
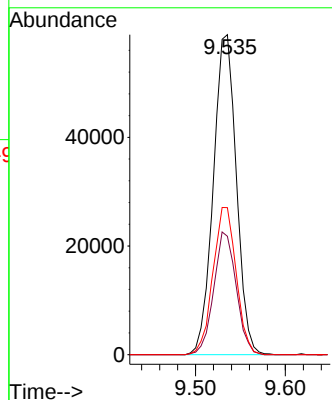
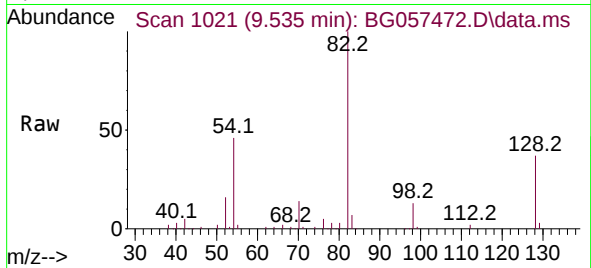




#23
Nitrobenzene-d5
Concen: 60.593 ng
RT: 9.535 min Scan# 1021
Delta R.T. -0.001 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

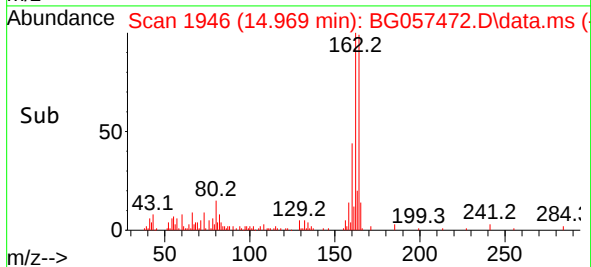
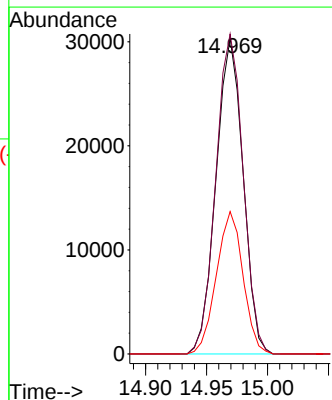
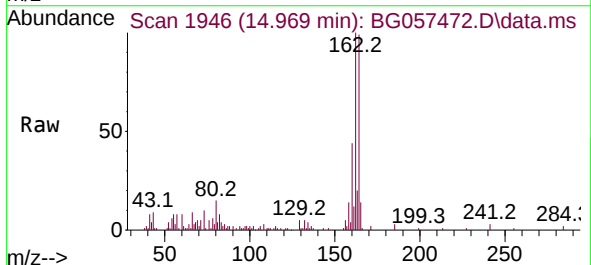
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

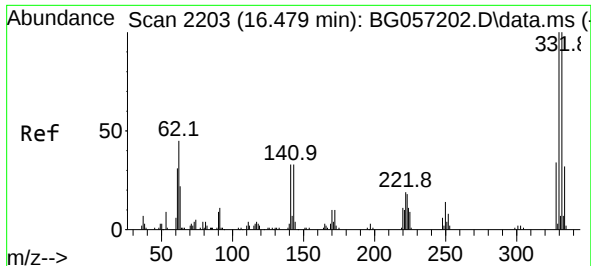
Tgt Ion: 82 Resp: 104899
Ion Ratio Lower Upper
82 100
128 37.0 29.0 43.4
54 45.9 41.4 62.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1946
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

Tgt Ion:164 Resp: 46756
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.1 34.6 52.0

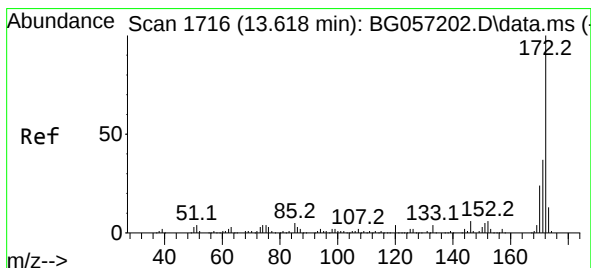
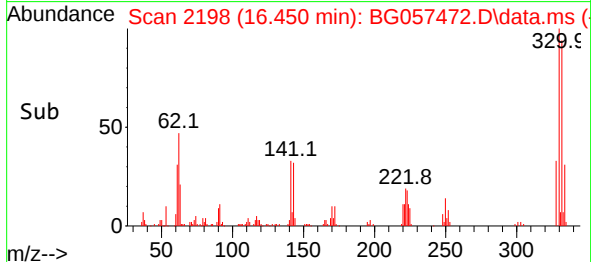
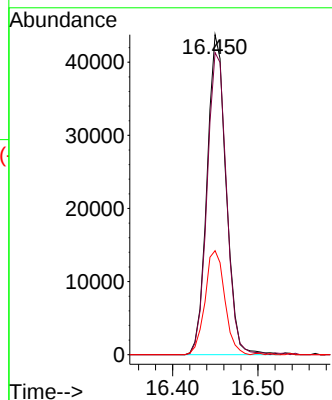
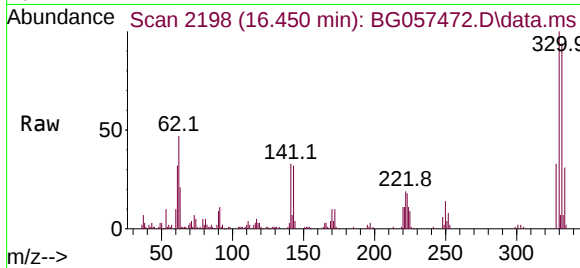




#42
2,4,6-Tribromophenol
Concen: 102.266 ng
RT: 16.450 min Scan# 21198
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

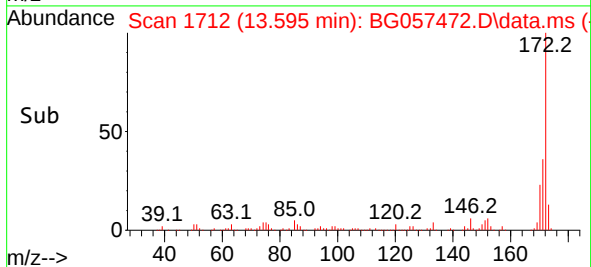
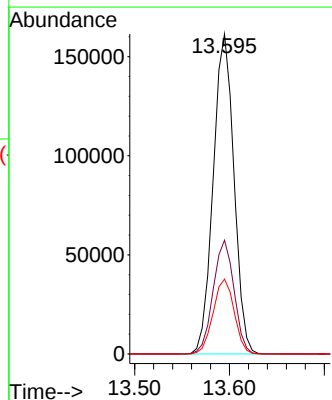
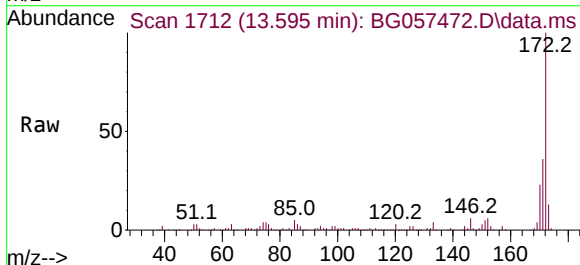
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

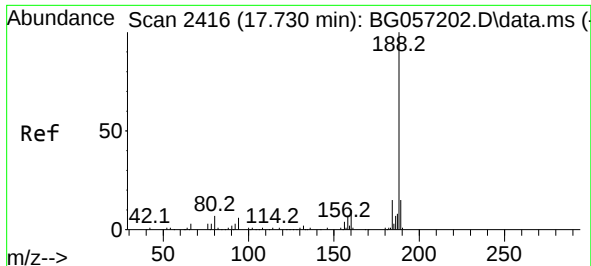
Tgt Ion:330 Resp: 67845
Ion Ratio Lower Upper
330 100
332 96.3 78.2 117.2
141 33.6 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 70.506 ng
RT: 13.595 min Scan# 1712
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

Tgt Ion:172 Resp: 244772
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 23.4 19.0 28.6

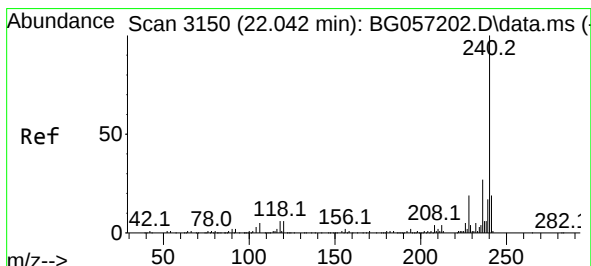
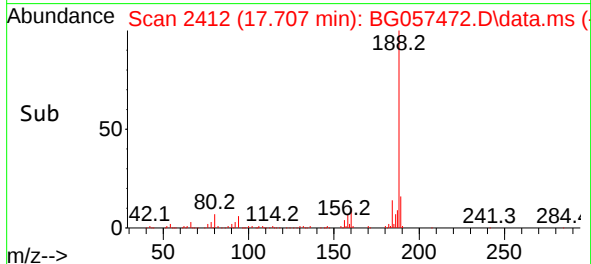
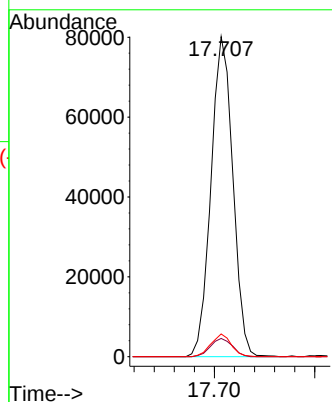
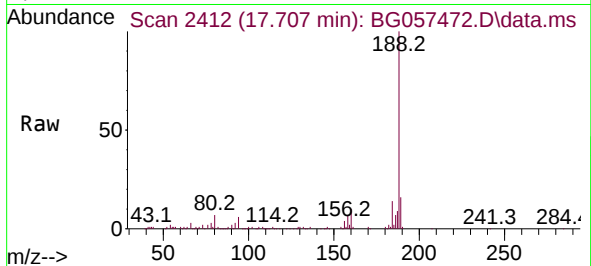




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.707 min Scan# 2416
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

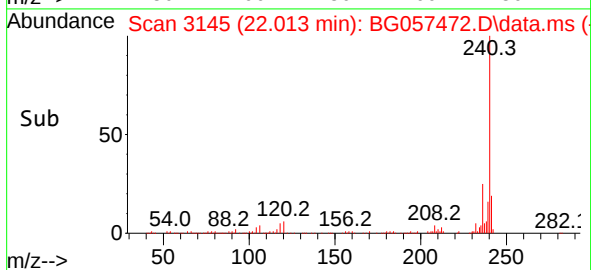
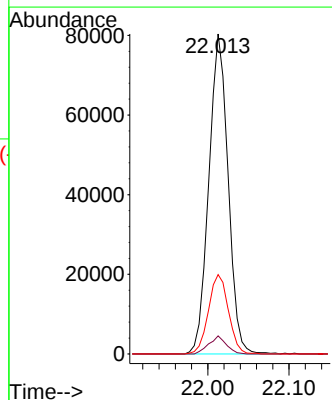
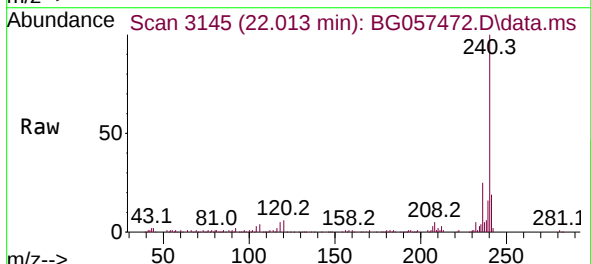
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

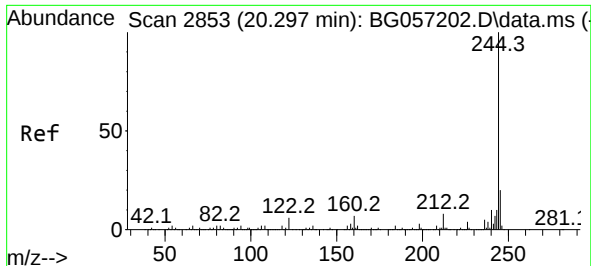
Tgt Ion:188 Resp: 121301
Ion Ratio Lower Upper
188 100
94 5.7 5.1 7.7
80 7.1 5.7 8.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.013 min Scan# 3145
Delta R.T. -0.007 min
Lab File: BG057472.D
Acq: 19 May 2023 18:10

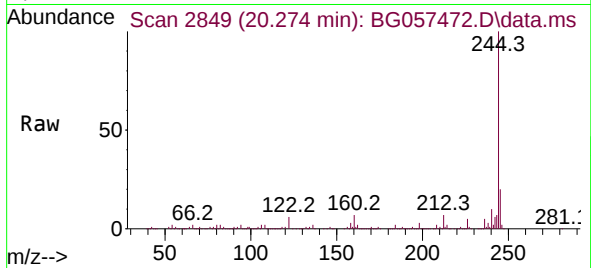
Tgt Ion:240 Resp: 132184
Ion Ratio Lower Upper
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120 5.6 4.9 7.3
236 24.8 21.4 32.2



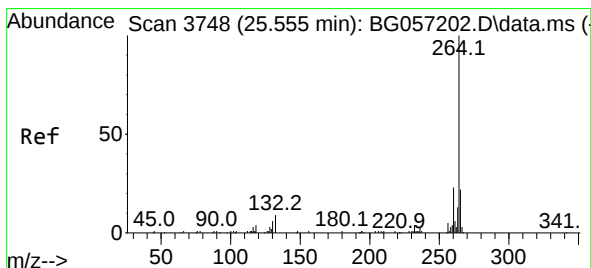
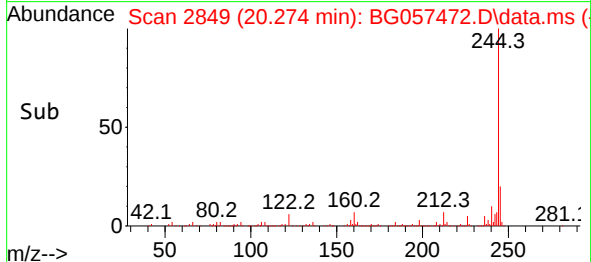
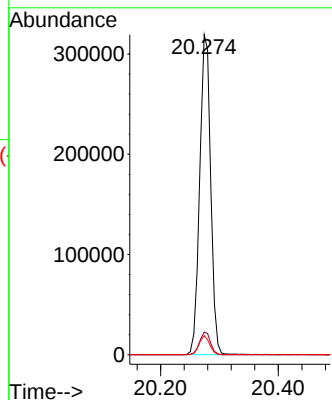


#79
 Terphenyl-d14
 Concen: 50.956 ng
 RT: 20.274 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057472.D
 Acq: 19 May 2023 18:10

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER



Tgt Ion:244 Resp: 412739
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 5.9 5.1 7.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.508 min Scan# 3740
 Delta R.T. -0.007 min
 Lab File: BG057472.D
 Acq: 19 May 2023 18:10

Tgt Ion:264 Resp: 127199
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.8 28.2
 265 21.1 17.9 26.9

