

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122322\
 Data File : BG056084.D
 Acq On : 23 Dec 2022 18:33
 Operator : CG/JU
 Sample : N6152-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Quant Time: Dec 24 00:08:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 23 05:09:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.357	152	8094	20.000	ng	0.00
21) Naphthalene-d8	11.189	136	30327	20.000	ng	# 0.00
39) Acenaphthene-d10	14.967	164	27959	20.000	ng	0.00
64) Phenanthrene-d10	17.699	188	89693	20.000	ng	# 0.00
76) Chrysene-d12	22.006	240	99610	20.000	ng	0.00
86) Perylene-d12	25.490	264	119133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.872	112	30523	88.438	ng	0.00
7) Phenol-d6	7.482	99	24542	55.288	ng	0.00
23) Nitrobenzene-d5	9.527	82	48231	111.138	ng	0.00
42) 2,4,6-Tribromophenol	16.442	330	115227	170.915	ng	0.00
45) 2-Fluorobiphenyl	13.592	172	179016	89.798	ng	0.00
79) Terphenyl-d14	20.279	244	379079	67.260	ng	0.00

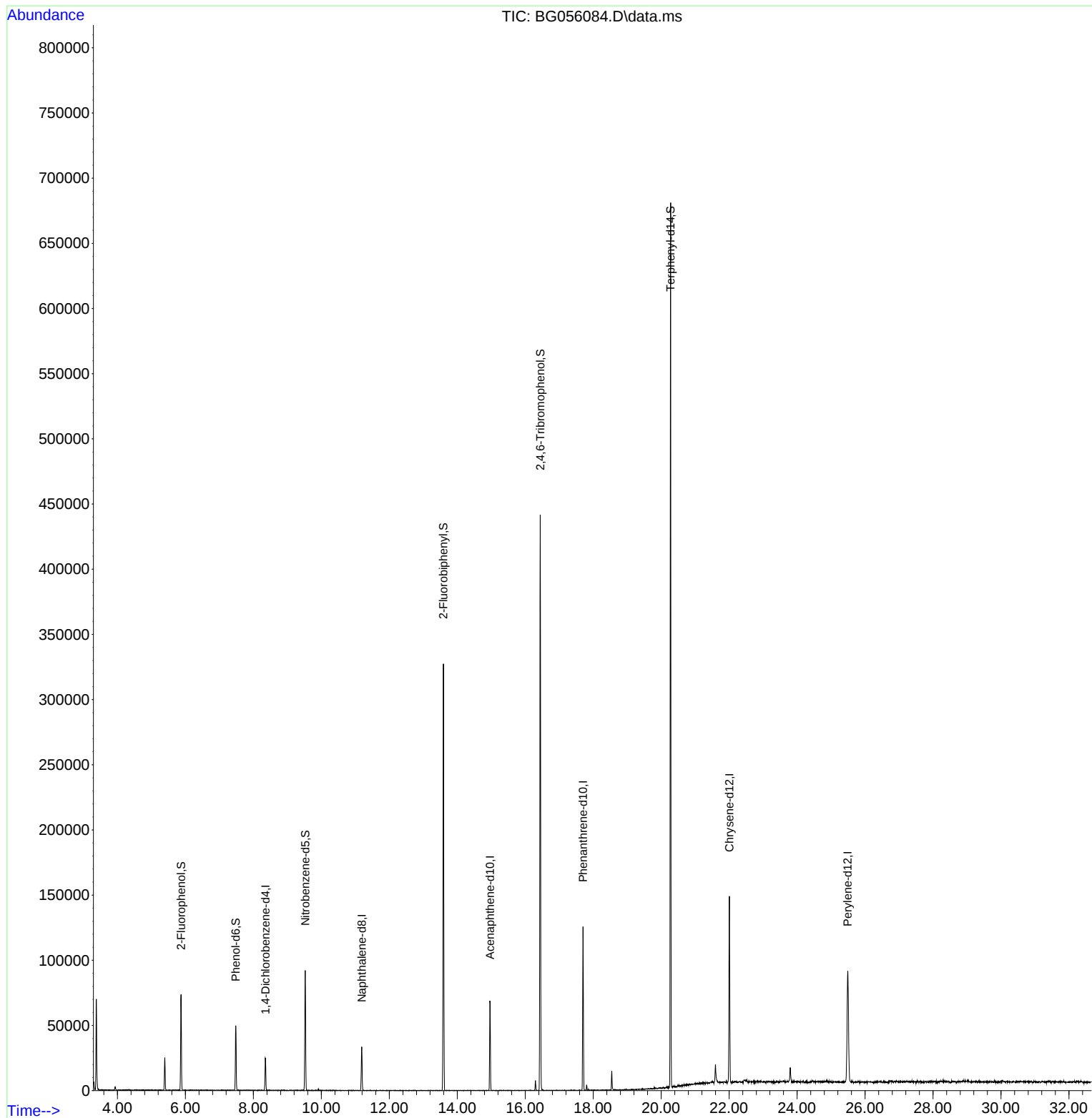
Target Compounds	Qvalue

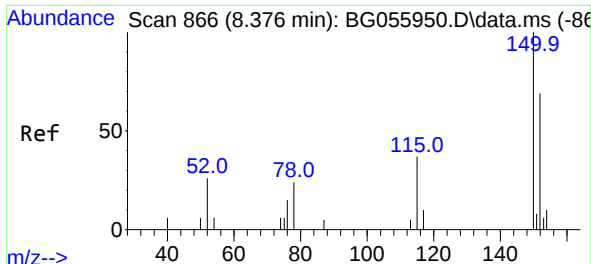
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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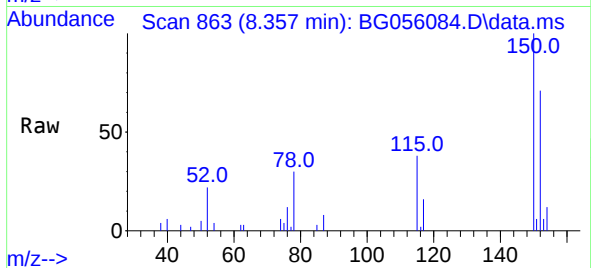
Quant Time: Dec 24 00:08:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
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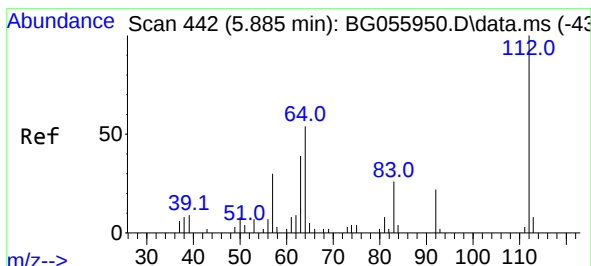
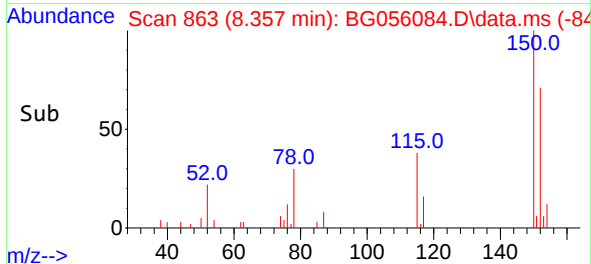
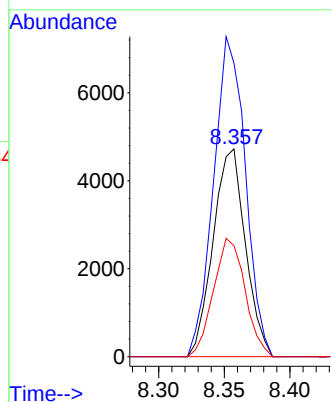


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.357 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

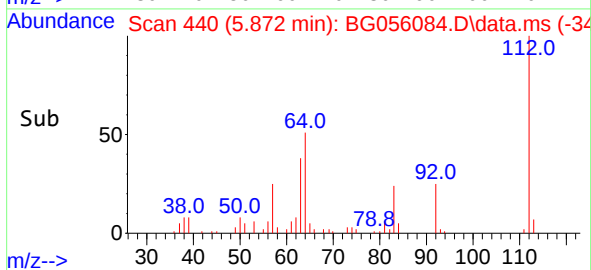
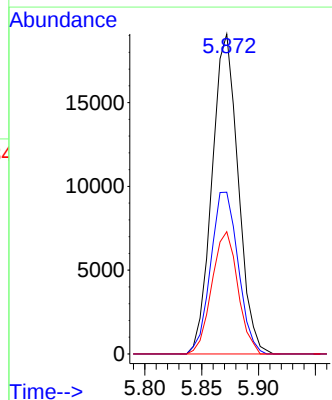
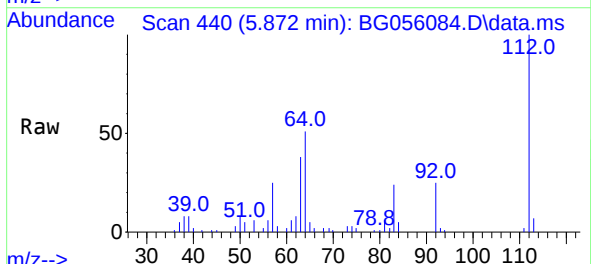


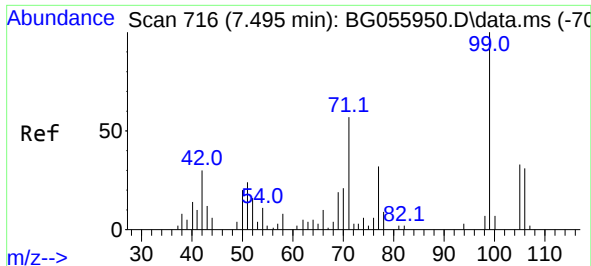
Tgt Ion:152 Resp: 8094
Ion Ratio Lower Upper
152 100
150 141.3 115.7 173.5
115 53.4 43.0 64.4



#5
2-Fluorophenol
Concen: 88.438 ng
RT: 5.872 min Scan# 440
Delta R.T. 0.004 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Tgt Ion:112 Resp: 30523
Ion Ratio Lower Upper
112 100
64 50.5 43.0 64.4
63 38.2 31.4 47.2



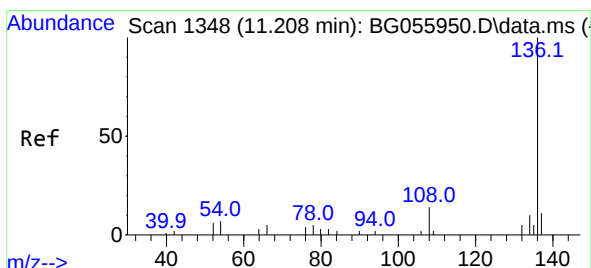
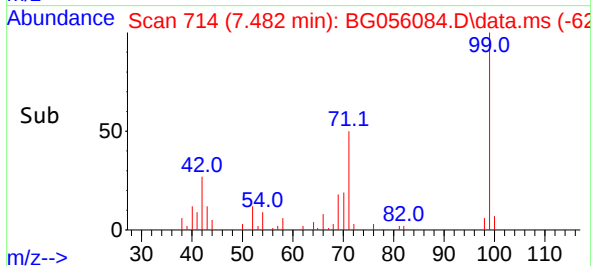
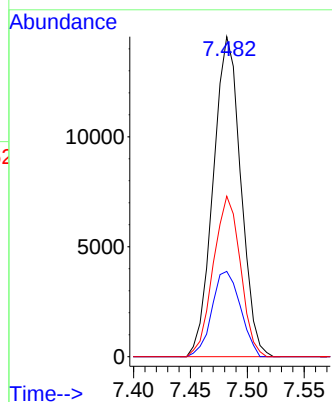
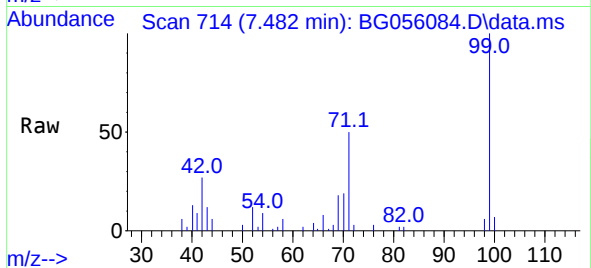


#7
Phenol-d6
Concen: 55.288 ng
RT: 7.482 min Scan# 716
Delta R.T. -0.002 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

Tgt Ion: 99 Resp: 24542

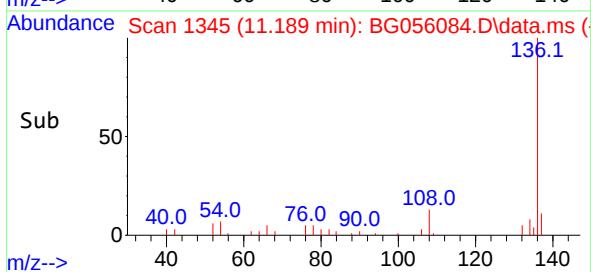
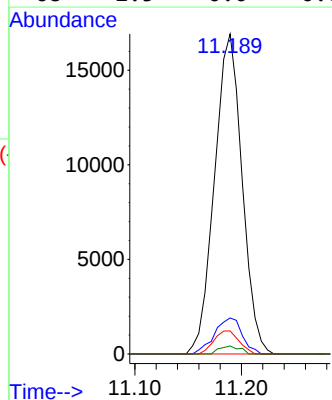
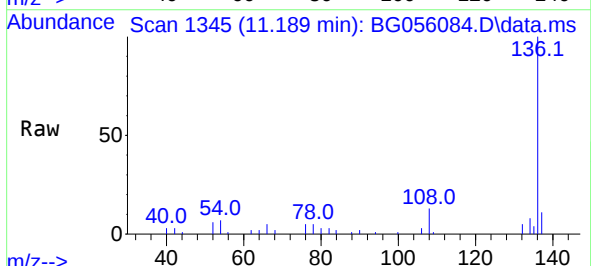
Ion	Ratio	Lower	Upper
99	100		
42	26.6	24.3	36.5
71	50.1	45.6	68.4

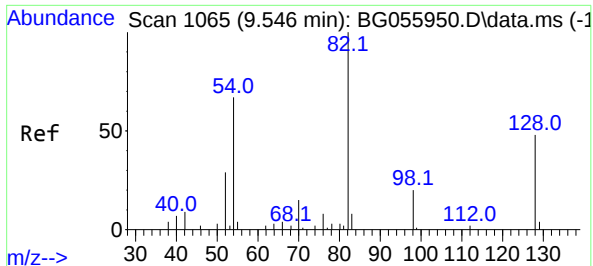


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.189 min Scan# 1345
Delta R.T. -0.002 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Tgt Ion: 136 Resp: 30327

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.2	5.6	8.4
68	2.5	0.0	0.0





#23

Nitrobenzene-d5

Concen: 111.138 ng

RT: 9.527 min Scan# 1062

Delta R.T. -0.002 min

Lab File: BG056084.D

Acq: 23 Dec 2022 18:33

Instrument :

BNA_G

ClientSampleId :

GROUND-WATER

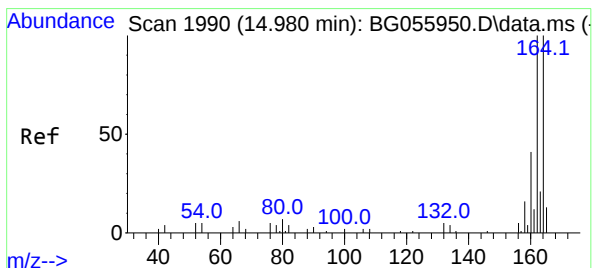
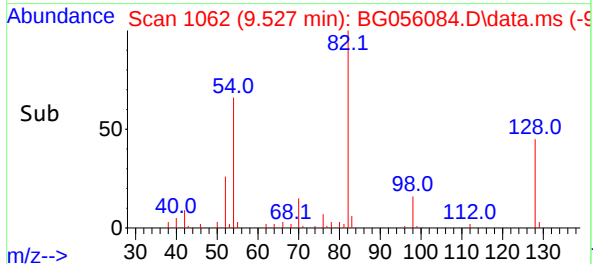
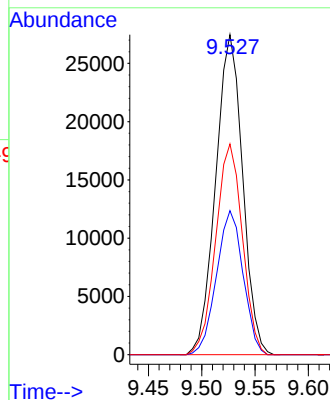
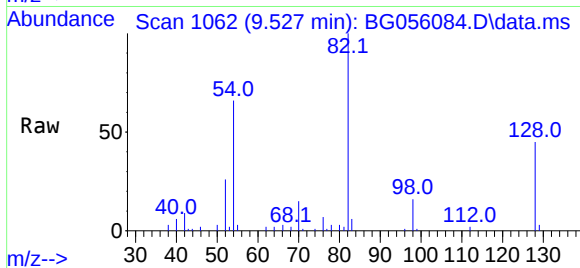
Tgt Ion: 82 Resp: 48231

Ion Ratio Lower Upper

82 100

128 45.0 38.4 57.6

54 65.8 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.967 min Scan# 1988

Delta R.T. -0.002 min

Lab File: BG056084.D

Acq: 23 Dec 2022 18:33

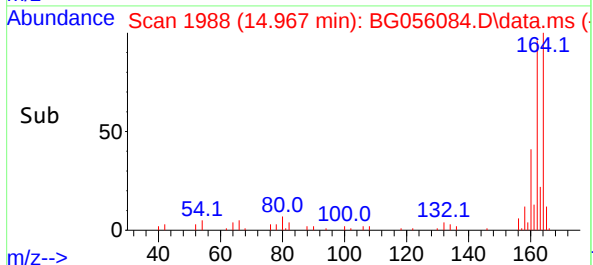
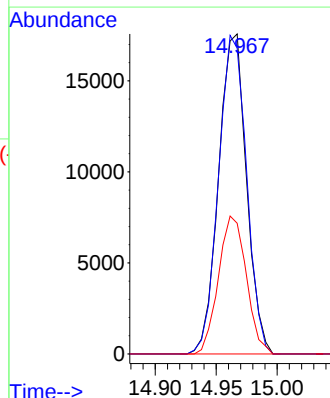
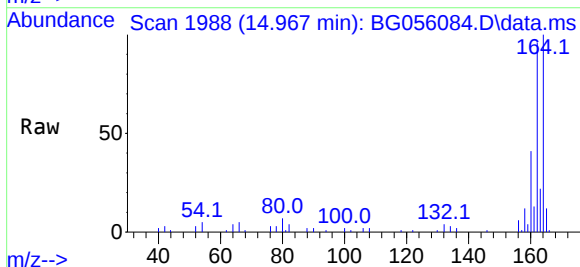
Tgt Ion:164 Resp: 27959

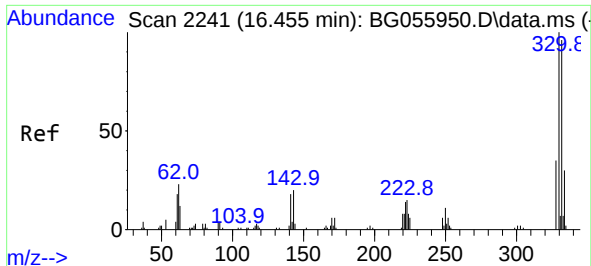
Ion Ratio Lower Upper

164 100

162 95.5 79.8 119.8

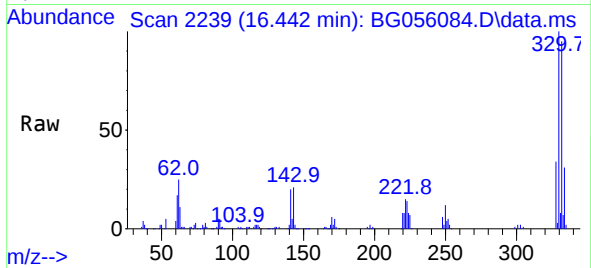
160 40.8 33.0 49.4



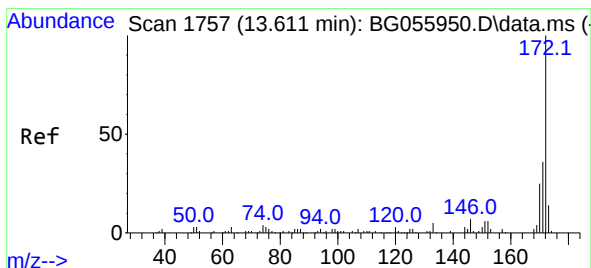
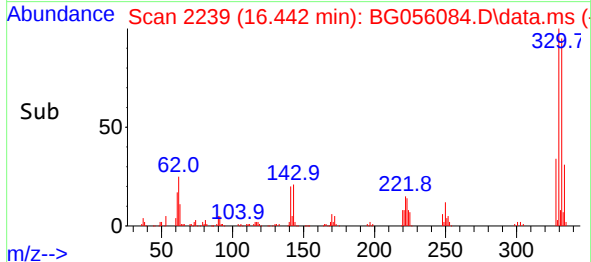
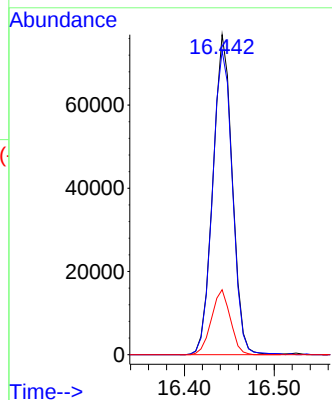


#42
2,4,6-Tribromophenol
Concen: 170.915 ng
RT: 16.442 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

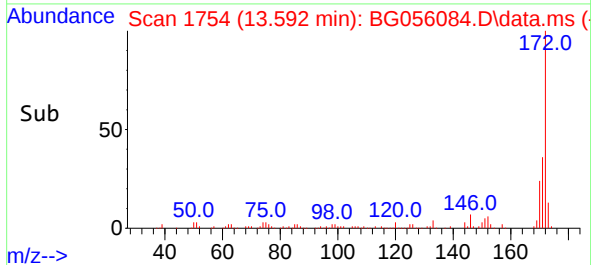
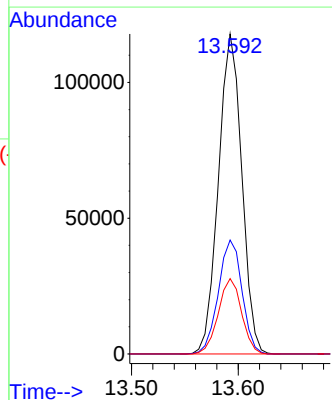
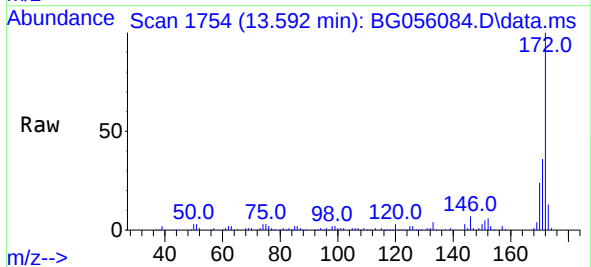


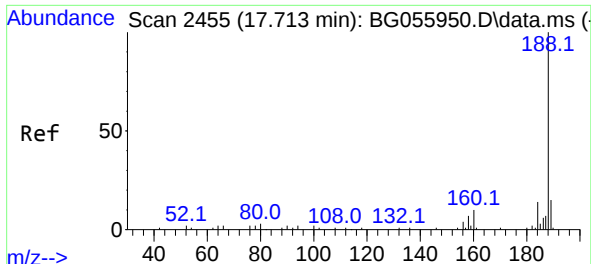
Tgt Ion:330 Resp: 115227
Ion Ratio Lower Upper
330 100
332 97.6 76.6 114.8
141 19.8 15.0 22.4



#45
2-Fluorobiphenyl
Concen: 89.798 ng
RT: 13.592 min Scan# 1754
Delta R.T. -0.002 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Tgt Ion:172 Resp: 179016
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.6 19.9 29.9

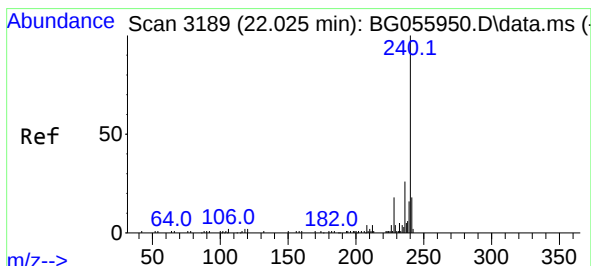
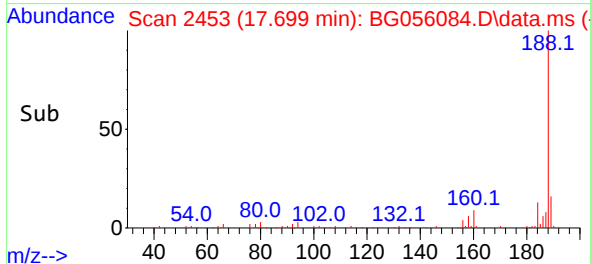
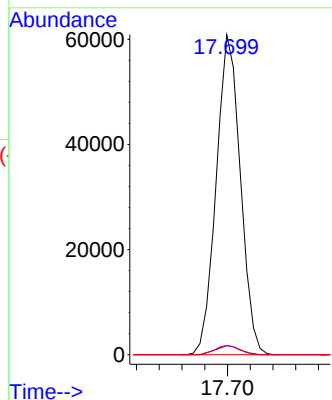
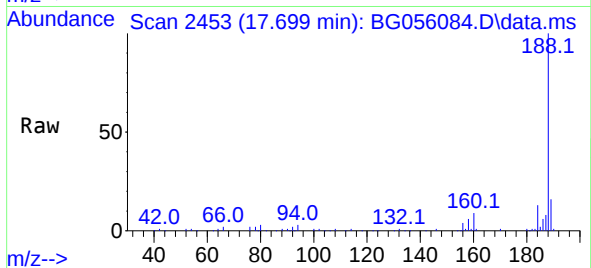




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.699 min Scan# 2453
Delta R.T. -0.008 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

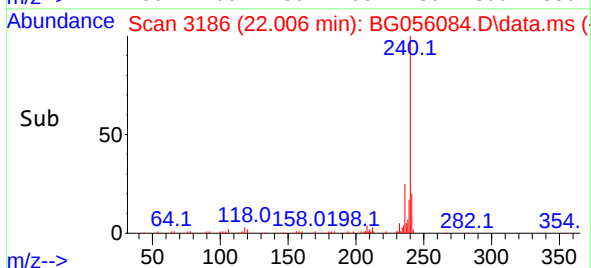
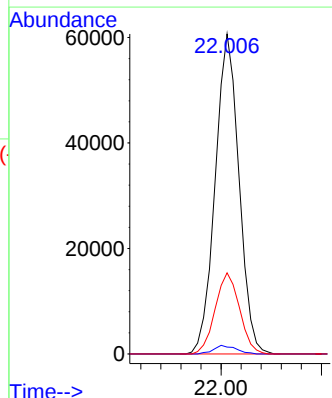
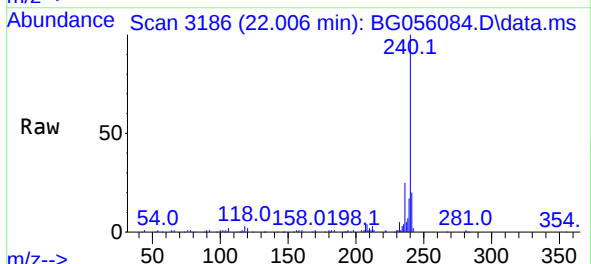
Instrument :
BNA_G
ClientSampleId :
GROUND-WATER

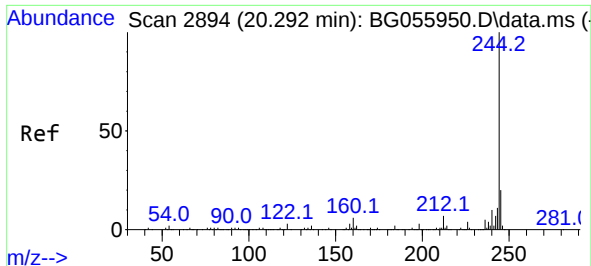
Tgt Ion:188 Resp: 89693
Ion Ratio Lower Upper
188 100
94 2.8 1.8 2.8#
80 2.9 2.4 3.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3186
Delta R.T. -0.008 min
Lab File: BG056084.D
Acq: 23 Dec 2022 18:33

Tgt Ion:240 Resp: 99610
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 25.3 21.1 31.7

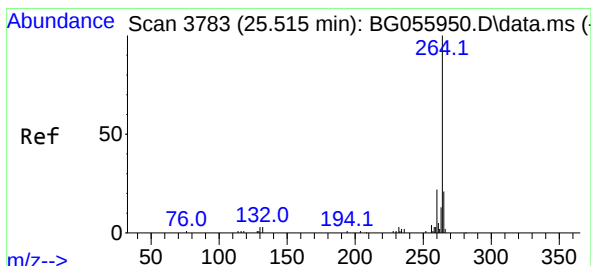
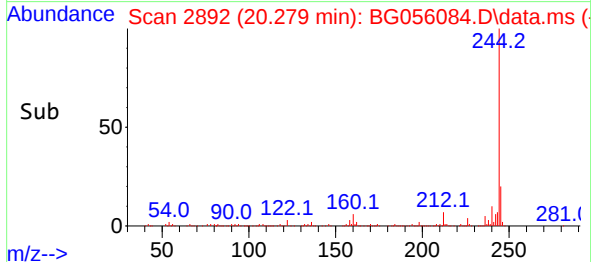
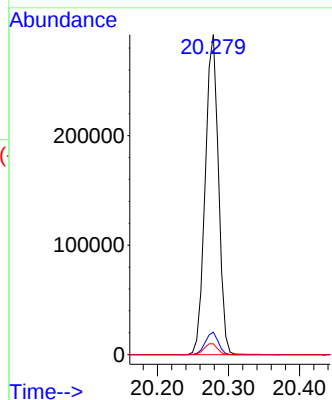
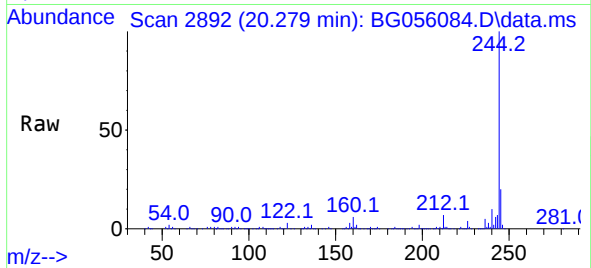




#79
 Terphenyl-d14
 Concen: 67.260 ng
 RT: 20.279 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG056084.D
 Acq: 23 Dec 2022 18:33

Instrument :
 BNA_G
 ClientSampleId :
 GROUND-WATER

Tgt Ion:244 Resp: 379079
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 3.4 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.490 min Scan# 3779
 Delta R.T. -0.002 min
 Lab File: BG056084.D
 Acq: 23 Dec 2022 18:33

Tgt Ion:264 Resp: 119133
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.8 26.8
 265 22.0 16.6 25.0

