

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038797.D
 Acq On : 21 Dec 2018 22:04
 Operator : JU/SJ
 Sample : J6503-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-GROUNDWATER-1-1

Quant Time: Dec 22 03:28:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

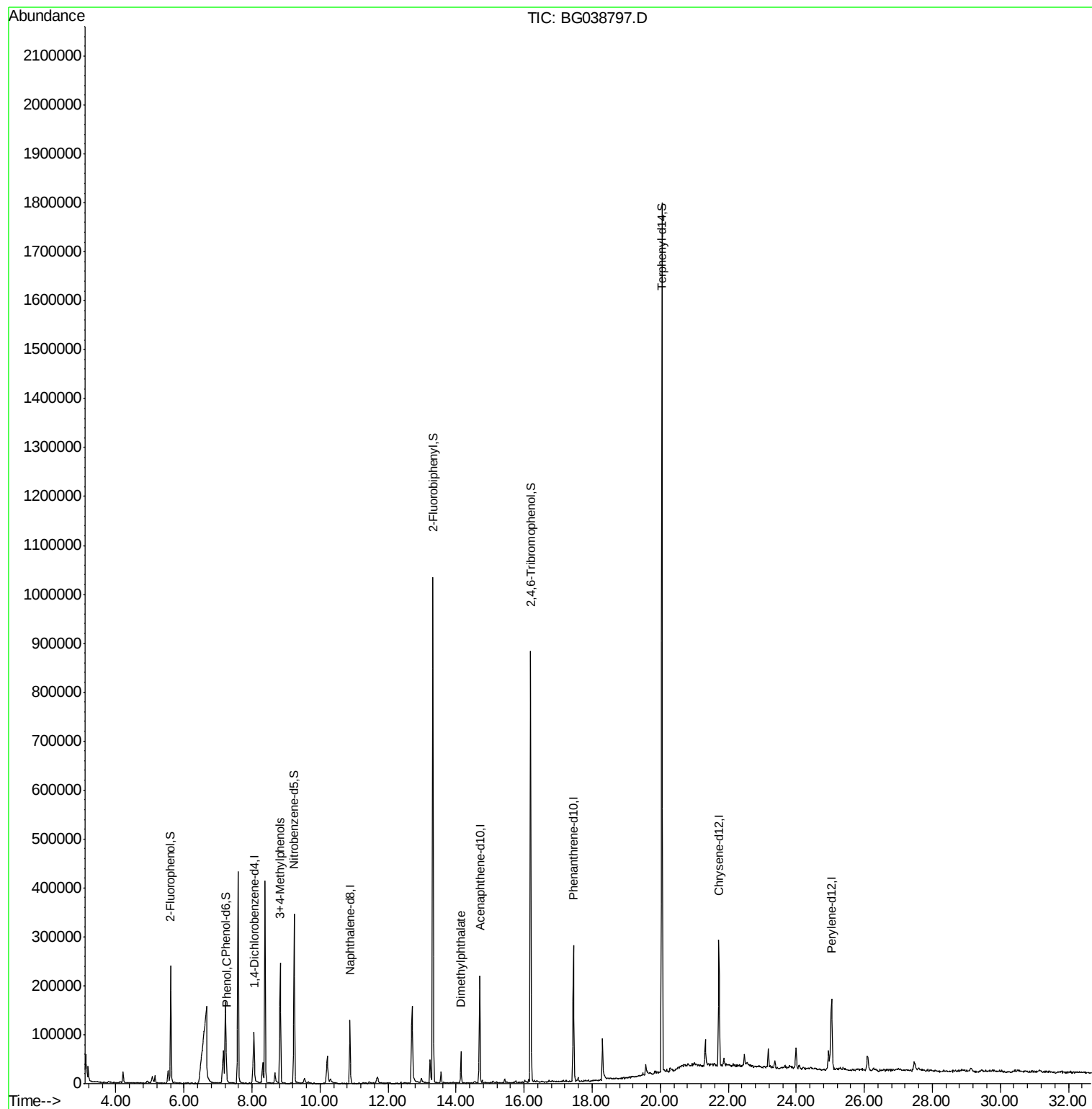
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25583	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	109889	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	76144	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179201	20.00	ng	0.00
76) Chrysene-d12	21.72	240	168097	20.00	ng	0.00
87) Perylene-d12	25.04	264	181813	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	103599	71.82	ng	0.01
7) Phenol-d6	7.22	99	89800	45.35	ng	0.01
23) Nitrobenzene-d5	9.24	82	199340	92.67	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	183035	174.42	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	552455	99.53	ng	0.00
79) Terphenyl-d14	20.05	244	871755	112.87	ng	0.00
Target Compounds						
10) Phenol	7.25	94	20016	9.515	ng	95
20) 3+4-Methylphenols	8.83	107	112211	57.648	ng	92
50) Dimethylphthalate	14.14	163	43301	6.964	ng	99

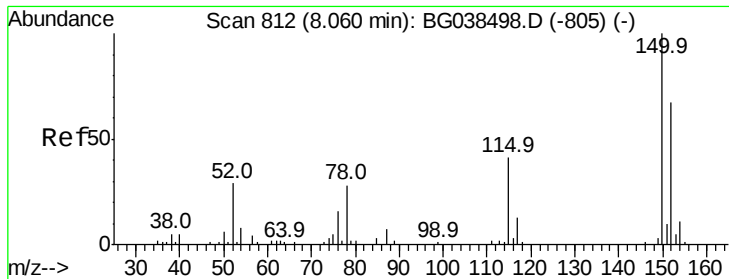
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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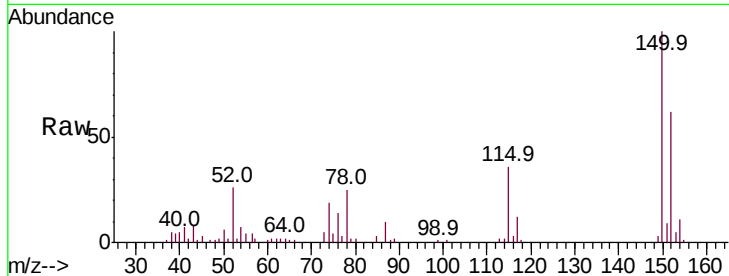


#1

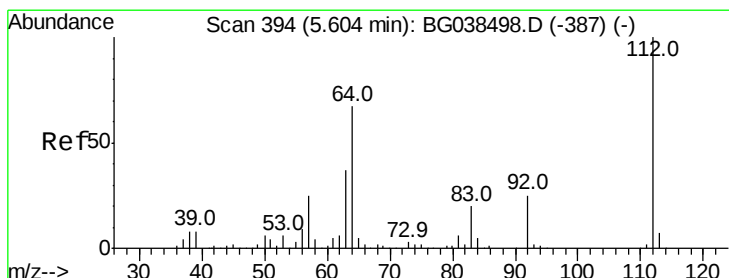
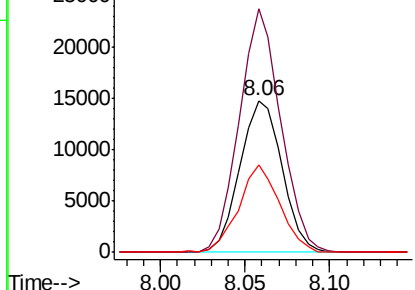
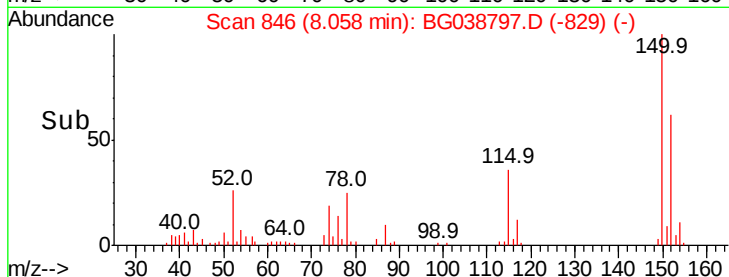
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038797.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_G
ClientSampleId :
TP-GROUNDWATER-1-1

Tot Ion:152 Resp: 25583
Ion Ratio Lower Upper
152 100
150 160.7 119.5 179.3
115 57.9 49.6 74.4



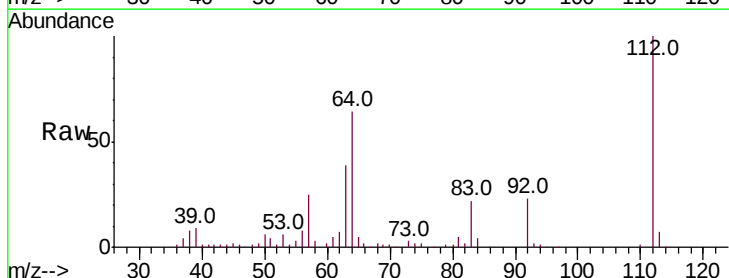
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



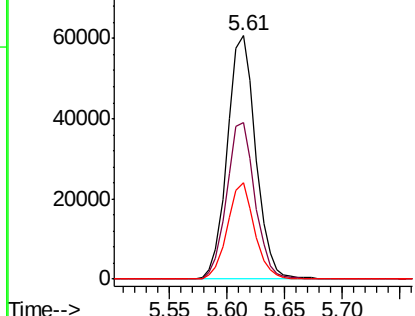
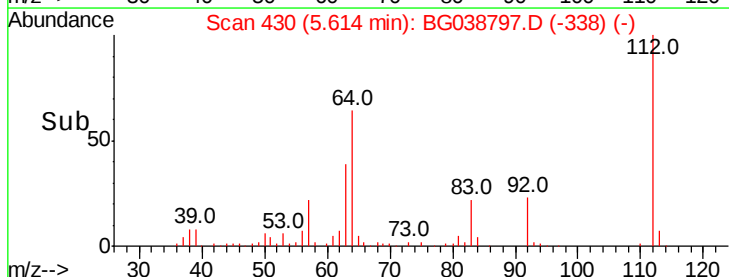
#5

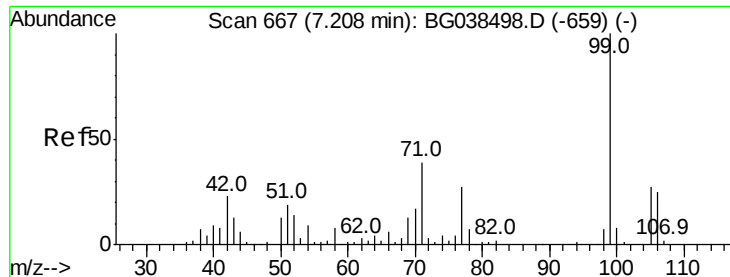
2-Fluorophenol
Concen: 71.824 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.01 min
Lab File: BG038797.D
Acq: 21 Dec 2018 22:04

Tgt Ion:112 Resp: 103599
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 39.4 29.3 43.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 45.351 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

Instrument :

BNA_G

ClientSampleId :

TP-GROUNDWATER-1-1

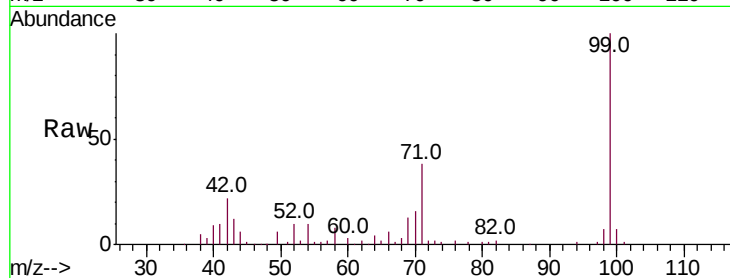
Tot Ion: 99 Resp: 89800

Ion Ratio Lower Upper

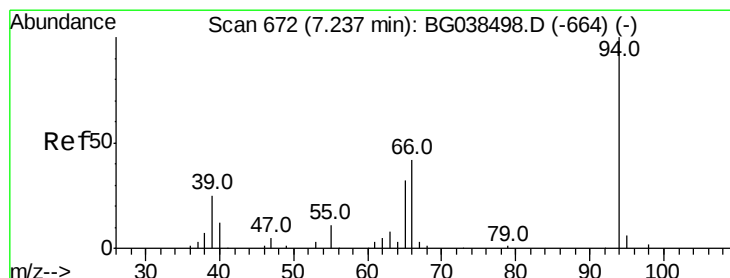
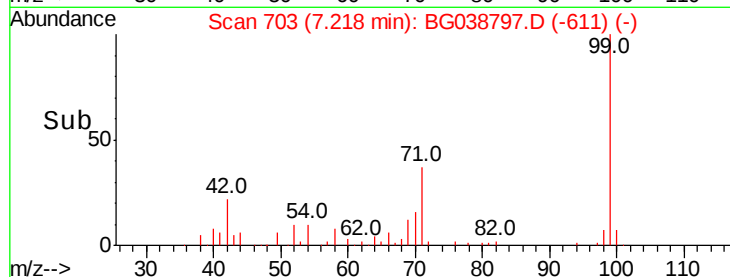
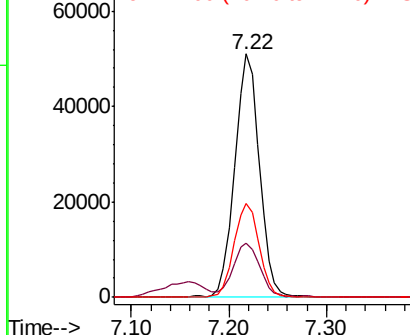
99 100

42 22.4 18.5 27.7

71 38.4 31.1 46.7



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 9.515 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

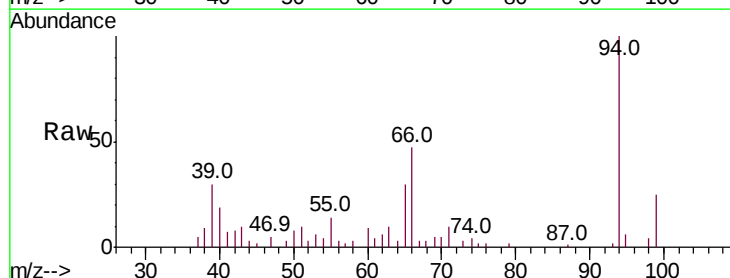
Tgt Ion: 94 Resp: 20016

Ion Ratio Lower Upper

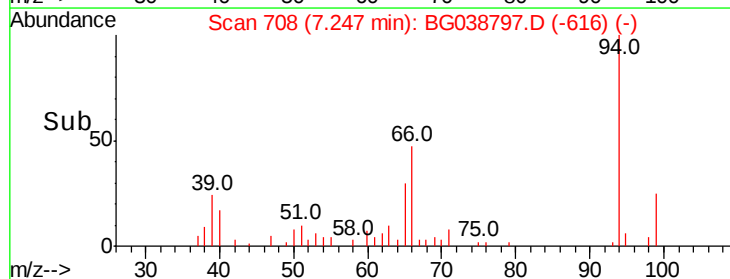
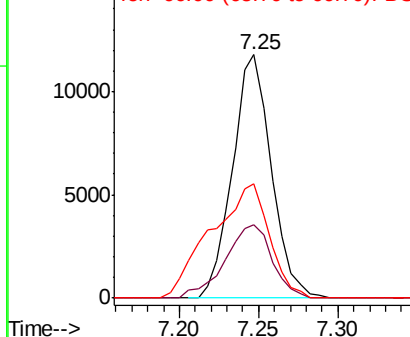
94 100

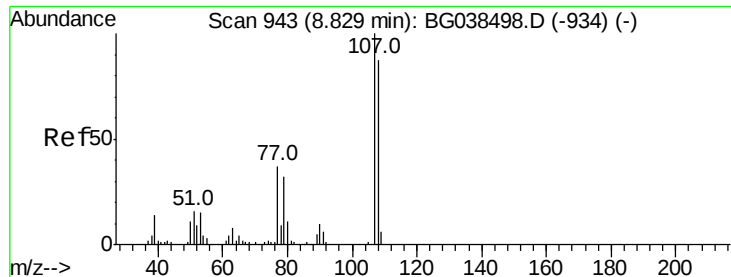
65 29.9 12.6 52.6

66 47.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#20

3+4-Methylphenols

Concen: 57.648 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

Instrument :

BNA_G

ClientSampleId :

TP-GROUNDWATER-1-1

Tot Ion:107 Resp: 112211

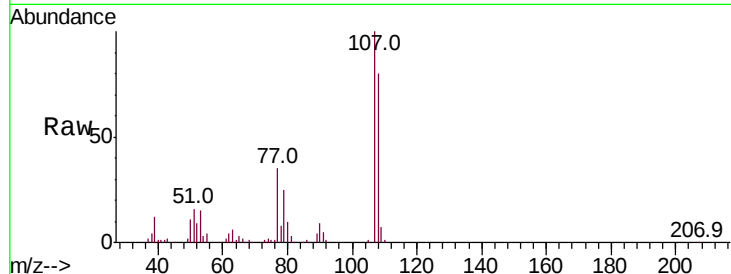
Ion Ratio Lower Upper

107 100

108 79.9 66.7 106.7

77 34.6 17.3 57.3

79 25.3 12.3 52.3

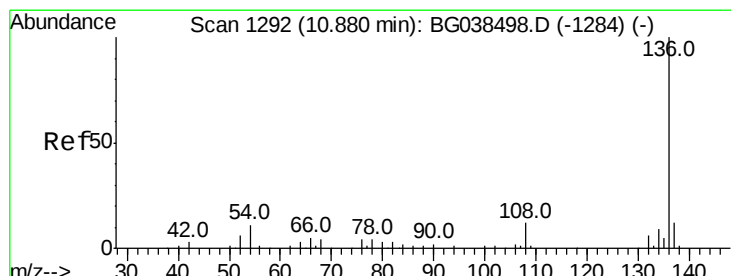
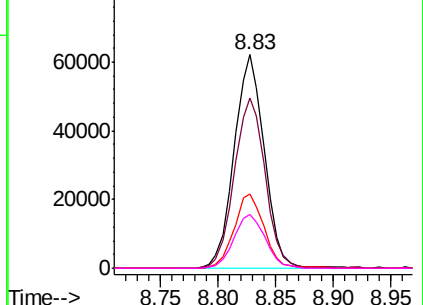
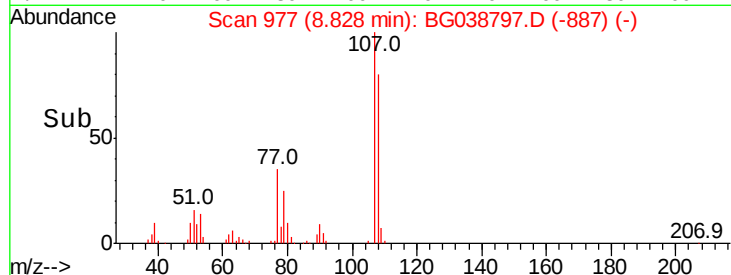


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

Tgt Ion:136 Resp: 109889

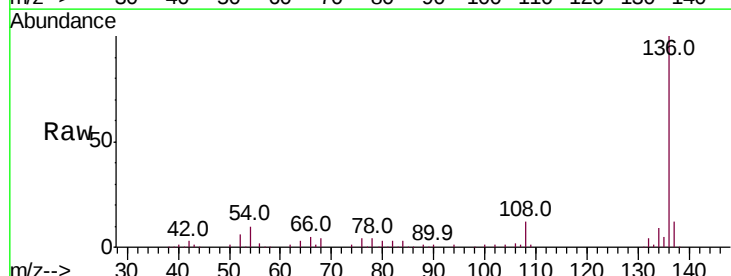
Ion Ratio Lower Upper

136 100

137 12.1 9.3 13.9

54 9.5 8.5 12.7

68 4.2 3.5 5.3

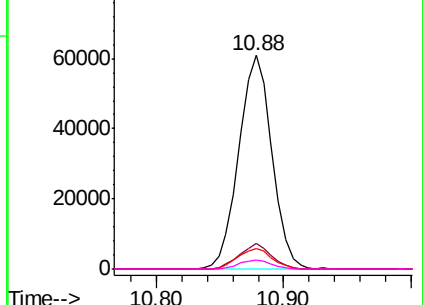
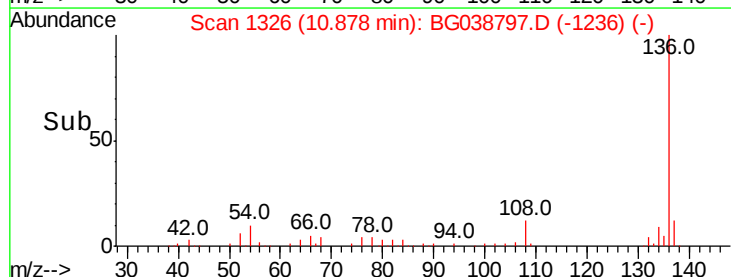


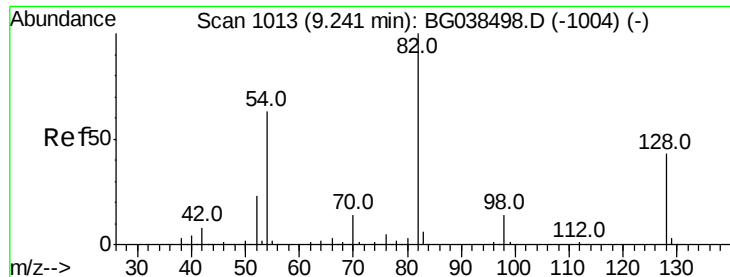
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

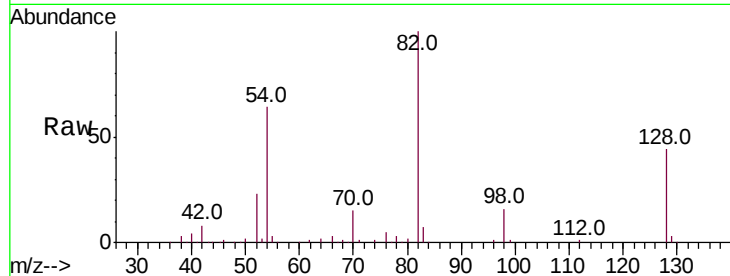




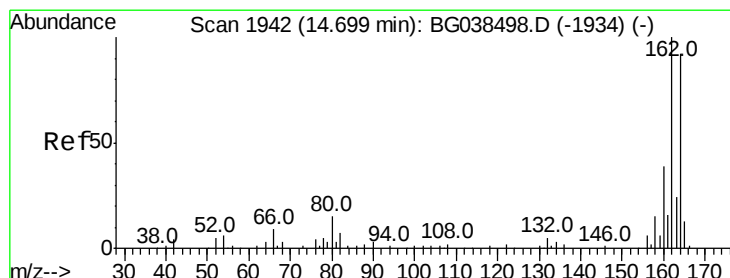
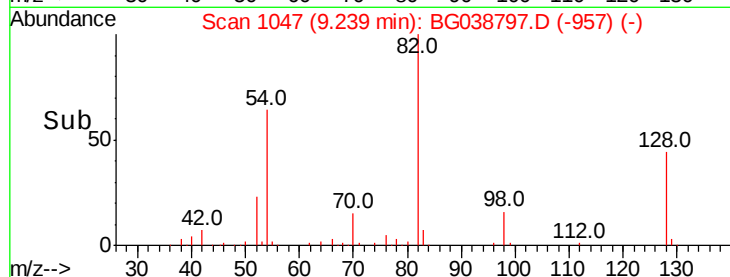
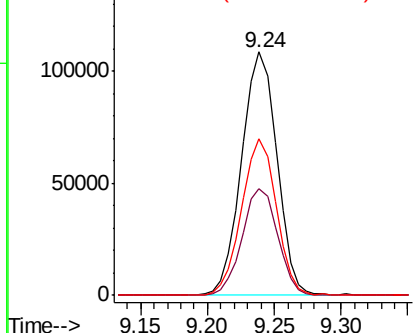
#23
Nitrobenzene-d5
Concen: 92.673 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.00 min
Lab File: BG038797.D
Acq: 21 Dec 2018 22:04

Instrument :
BNA_G
ClientSampleId :
TP-GROUNDWATER-1-1

Tot Ion: 82 Resp: 199340
Ion Ratio Lower Upper
82 100
128 44.1 34.6 52.0
54 64.1 50.6 76.0

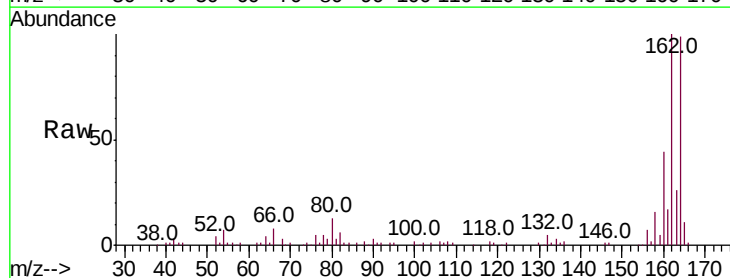


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

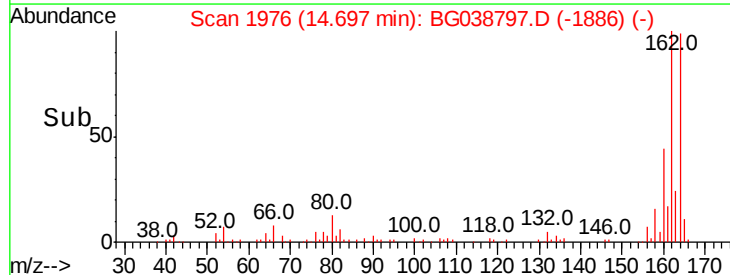
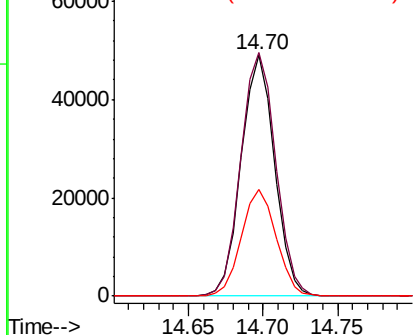


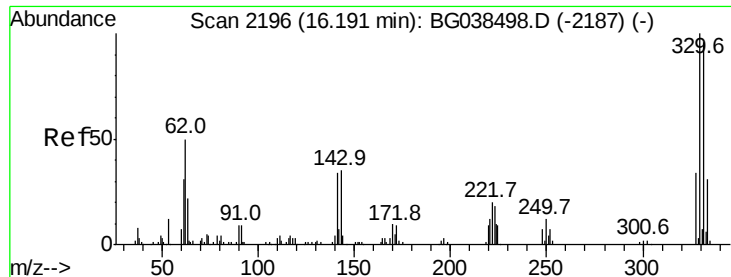
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG038797.D
Acq: 21 Dec 2018 22:04

Tgt Ion:164 Resp: 76144
Ion Ratio Lower Upper
164 100
162 100.8 86.6 130.0
160 44.2 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

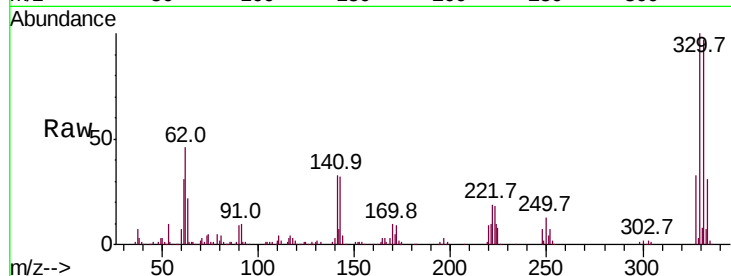




#42
 2,4,6-Tribromophenol
 Concen: 174.418 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG038797.D
 Acq: 21 Dec 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-GROUNDWATER-1-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	76.9	115.3
141	32.8	28.8	43.2

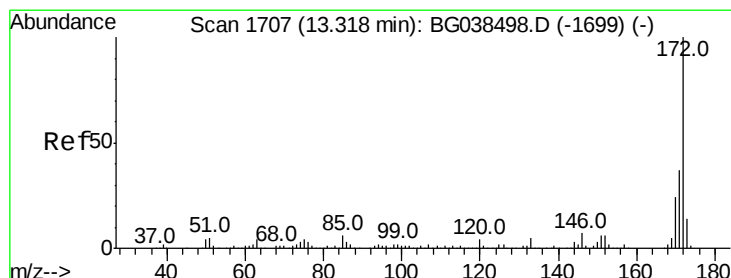
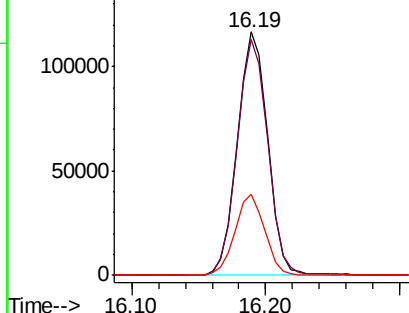
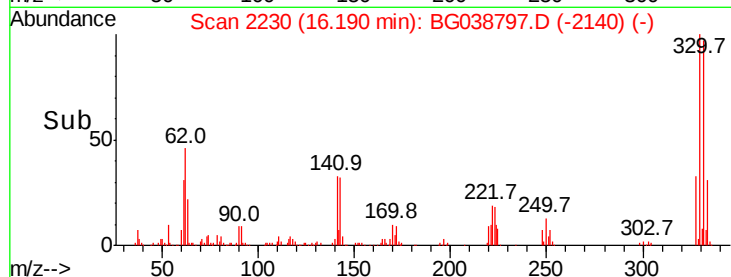


Abundance

Ion 329.80 (329.50 to 330.50): E

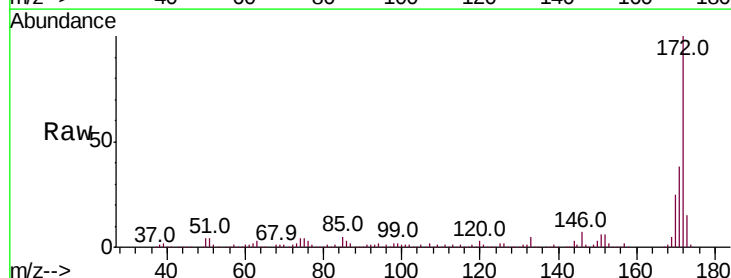
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 99.533 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038797.D
 Acq: 21 Dec 2018 22:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.8	44.6
170	25.3	19.5	29.3

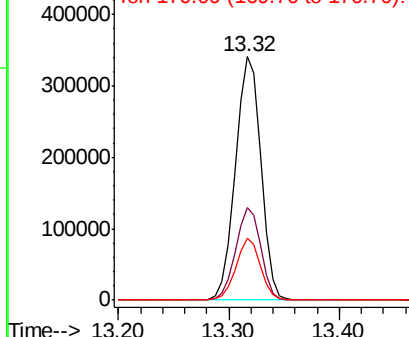
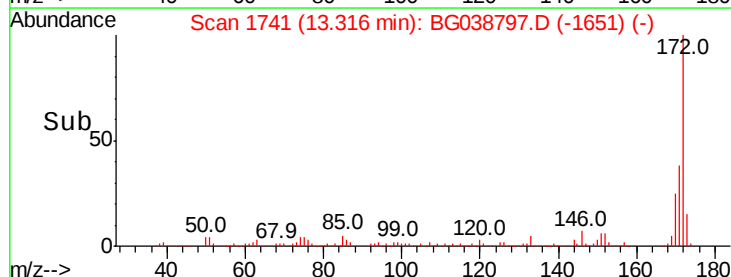


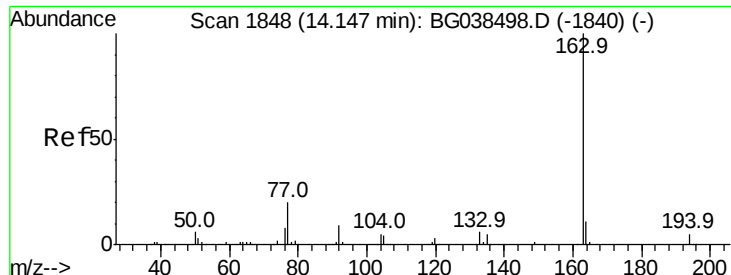
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.964 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

Instrument :

BNA_G

ClientSampleId :

TP-GROUNDWATER-1-1

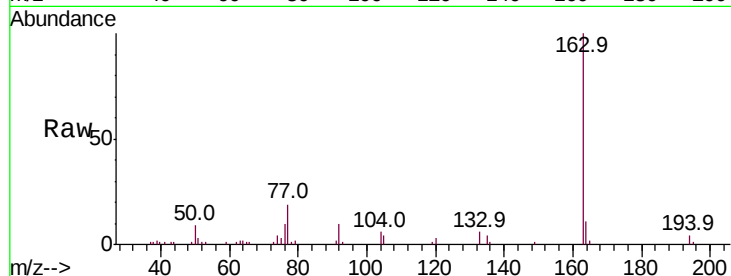
Tot Ion:163 Resp: 43301

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

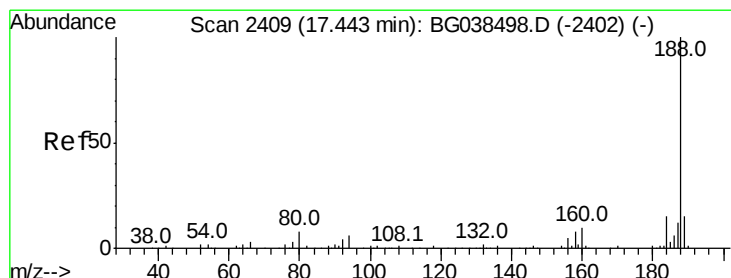
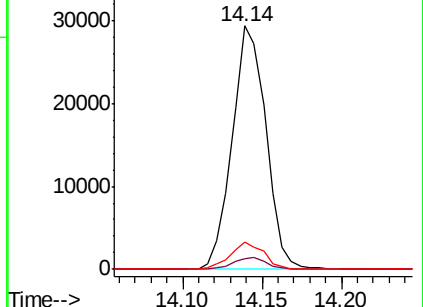
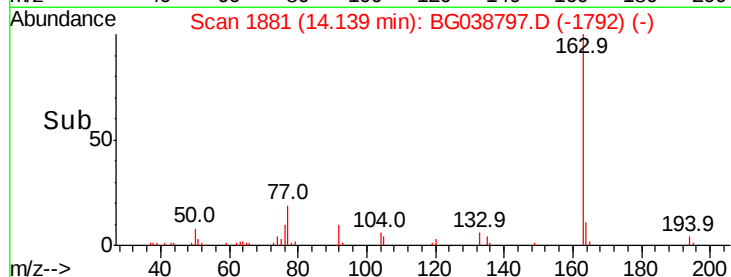
164 11.0 8.6 12.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2444

Delta R.T. 0.00 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

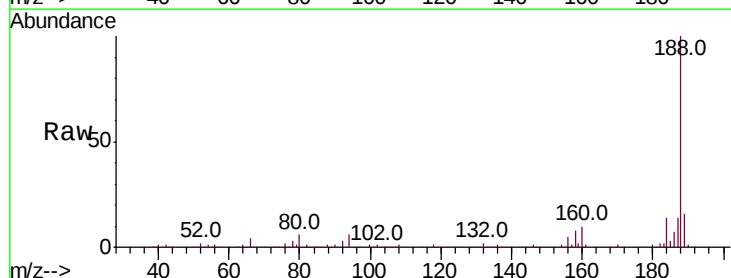
Tgt Ion:188 Resp: 179201

Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

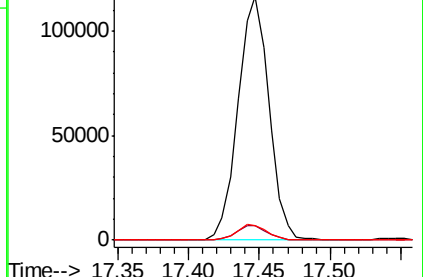
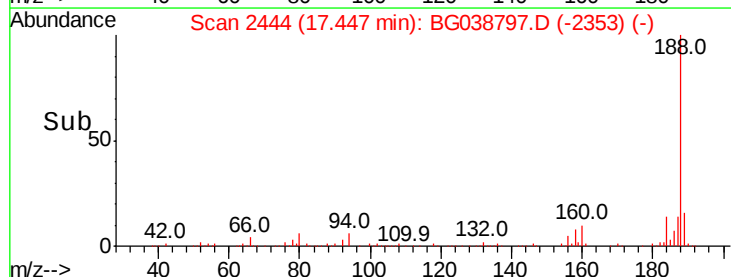
80 6.2 6.1 9.1

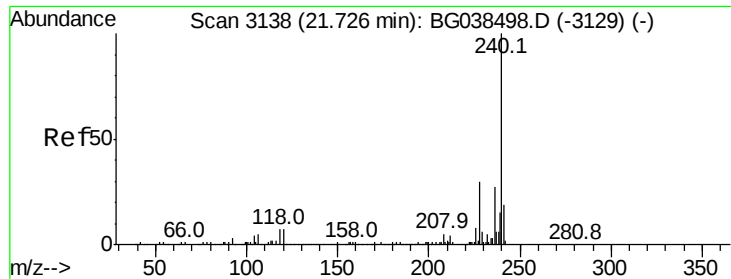


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

Instrument :

BNA_G

ClientSampleId :

TP-GROUNDWATER-1-1

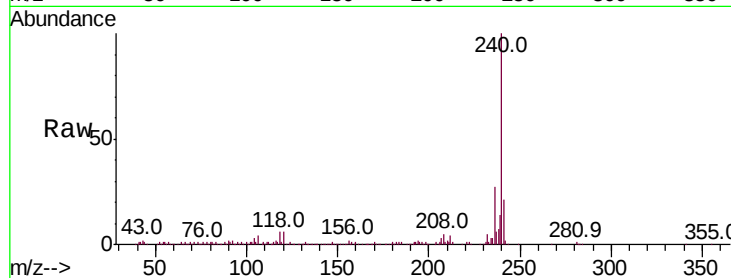
Tot Ion:240 Resp: 168097

Ion Ratio Lower Upper

240 100

120 6.3 5.3 7.9

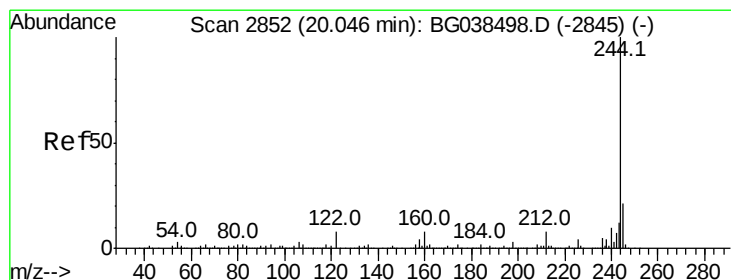
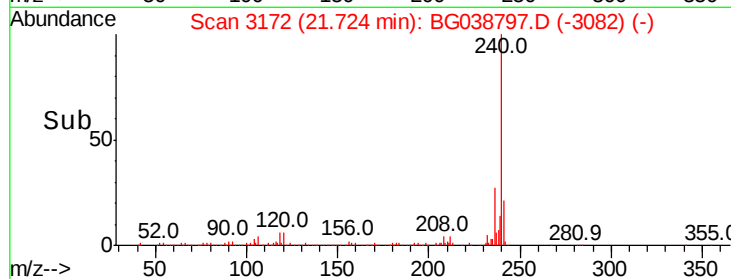
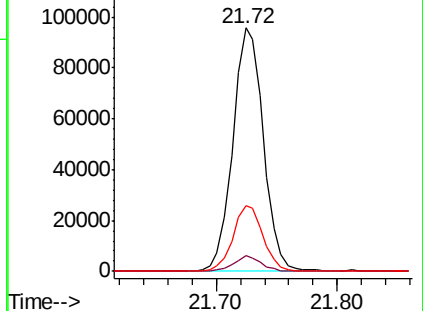
236 27.1 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 112.865 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.00 min

Lab File: BG038797.D

Acq: 21 Dec 2018 22:04

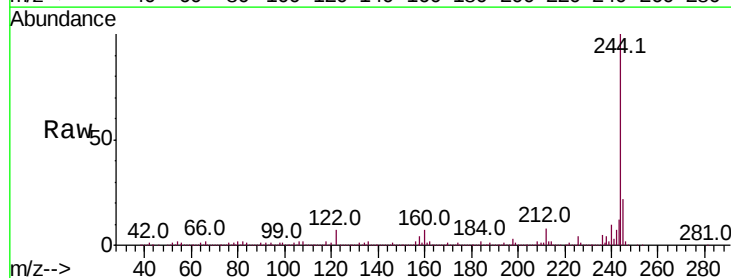
Tgt Ion:244 Resp: 871755

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

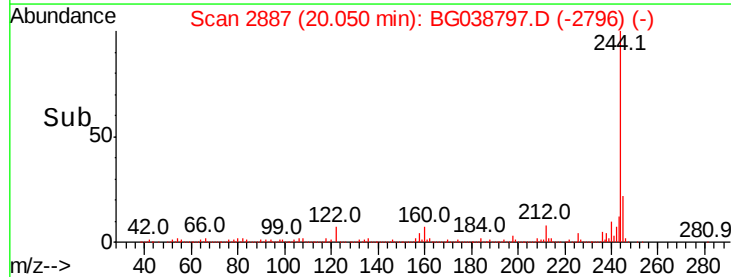
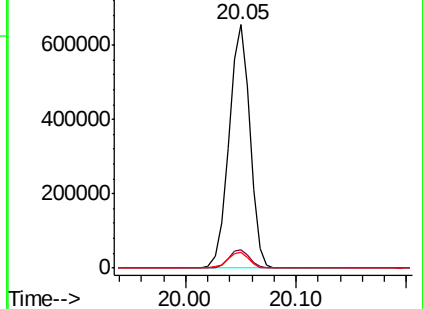
122 6.6 6.3 9.5

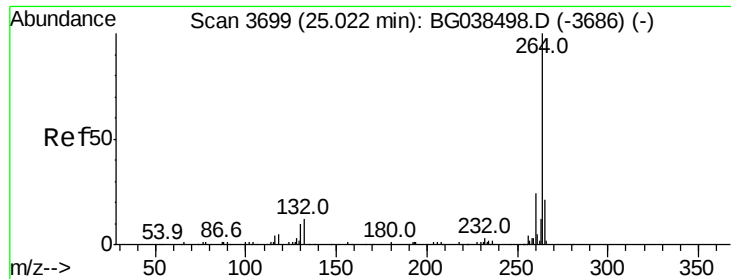


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.04 min Scan# 3736
 Delta R.T. 0.02 min
 Lab File: BG038797.D
 Acq: 21 Dec 2018 22:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-GROUNDWATER-1-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.9	28.3
265	20.0	17.0	25.4

