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 Data File : BG032458.D
 Acq On : 31 Jan 2018 1:23
 Operator : SJ/JU
 Sample : J1365-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

Quant Time: Jan 31 03:59:31 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

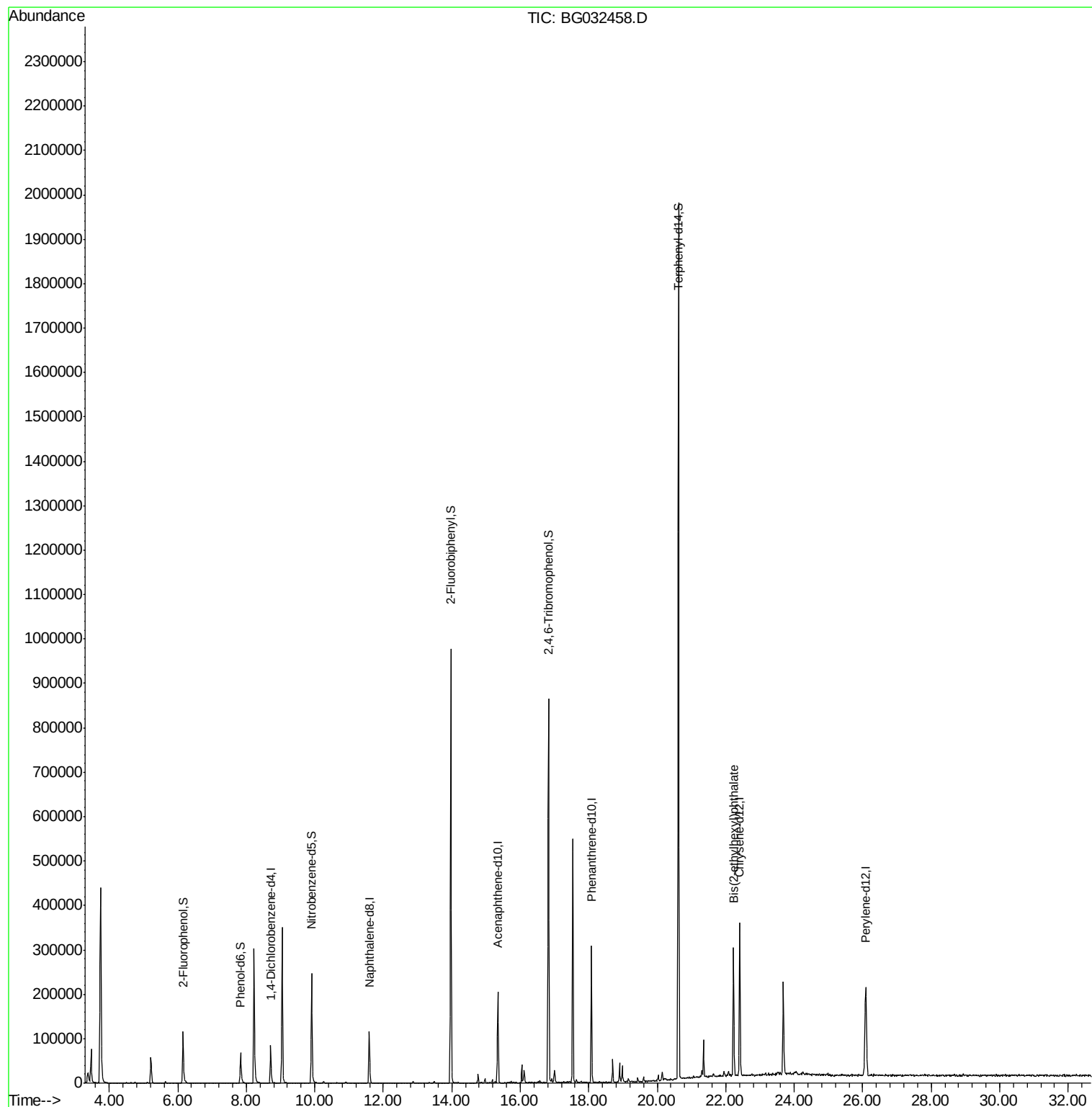
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29978	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	117096	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	79940	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	212592	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261671	20.00	ng	0.00
86) Perylene-d12	26.09	264	280758	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	69903	46.84	ng	0.00
7) Phenol-d6	7.83	99	51202	25.71	ng	0.00
23) Nitrobenzene-d5	9.91	82	162650	86.76	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	205856	135.28	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	600285	89.25	ng	0.00
78) Terphenyl-d14	20.62	244	1085358	88.85	ng	0.00
Target Compounds						
83) Bis(2-ethylhexyl)phthalate	22.23	149	164287	22.888	ng	Qvalue # 97

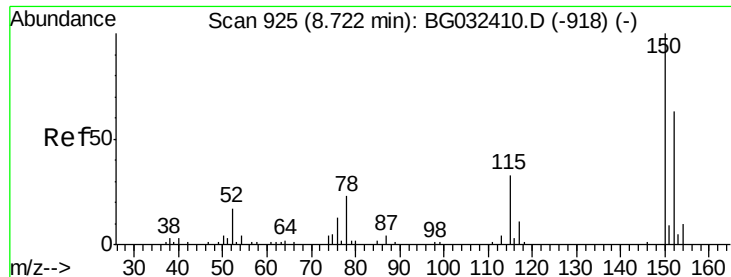
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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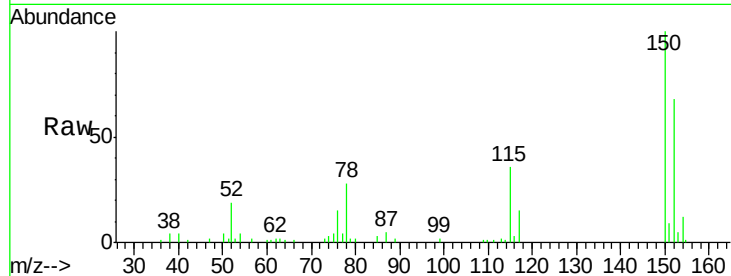


#1

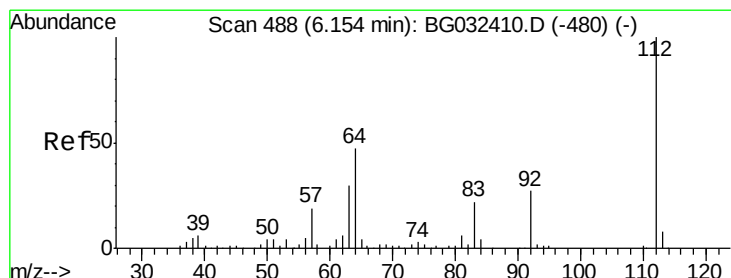
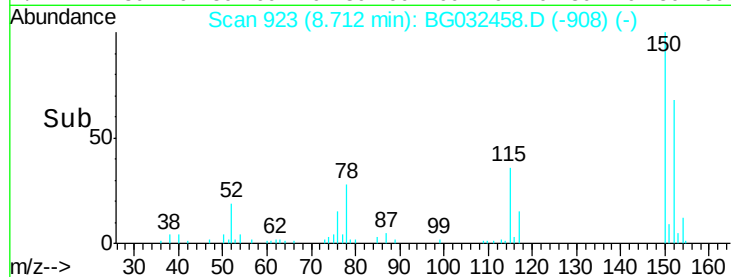
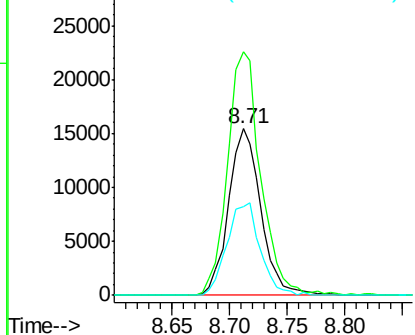
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:152 Resp: 29978
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 53.3 53.0 79.4



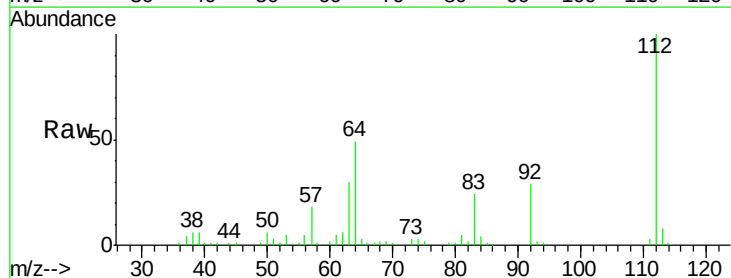
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



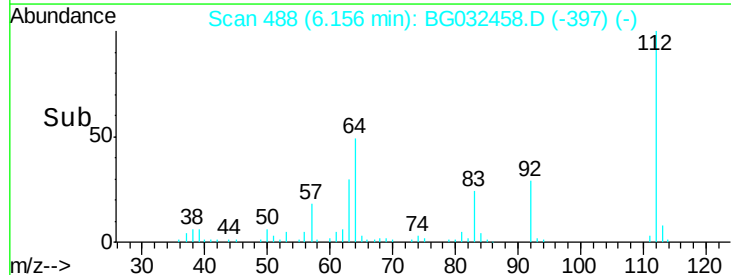
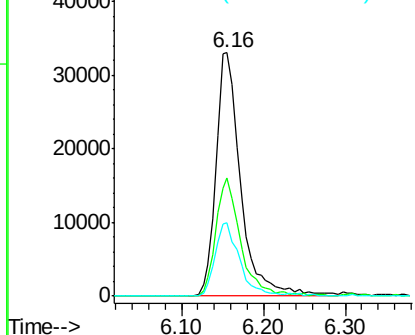
#5

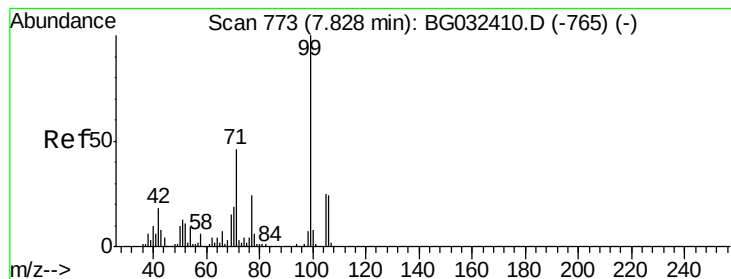
2-Fluorophenol
Concen: 46.836 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:112 Resp: 69903
Ion Ratio Lower Upper
112 100
64 48.6 56.3 84.5#
63 30.1 30.1 45.1



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





#7

Phenol-d6

Concen: 25.709 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032458.D

Acq: 31 Jan 2018 1:23

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

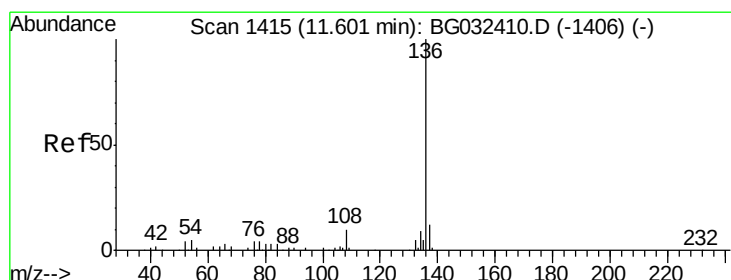
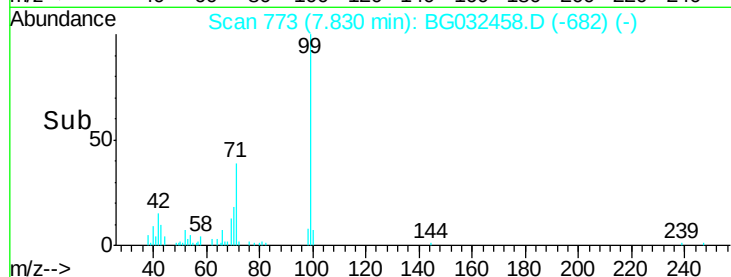
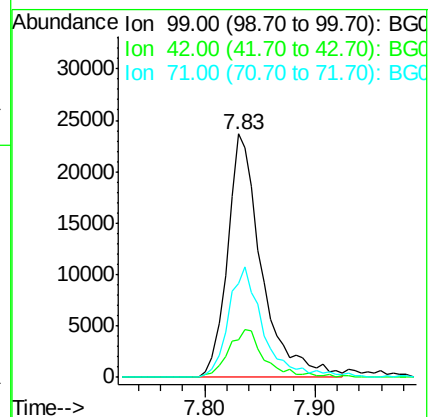
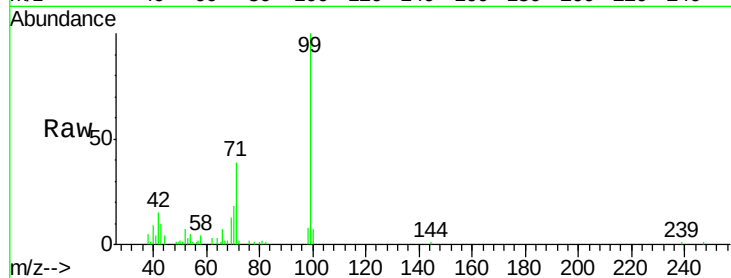
Tgt Ion: 99 Resp: 51202

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

71 38.6 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032458.D

Acq: 31 Jan 2018 1:23

Tgt Ion: 136 Resp: 117096

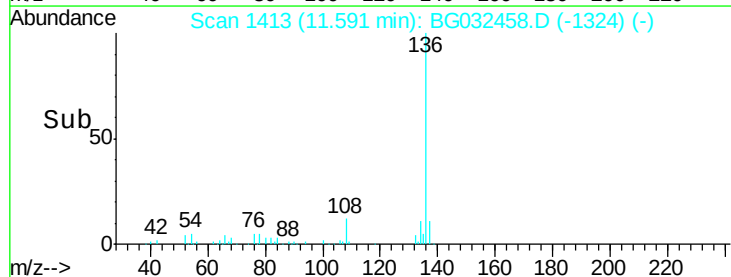
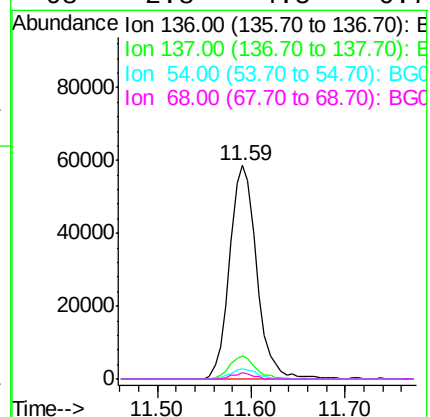
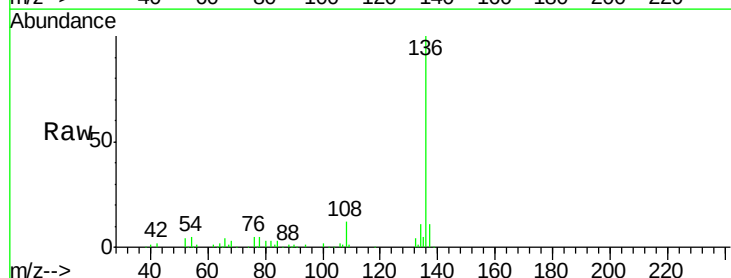
Ion Ratio Lower Upper

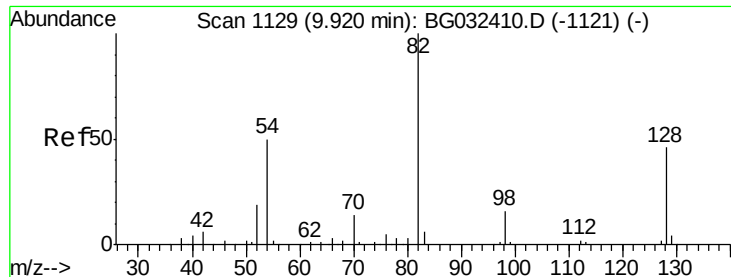
136 100

137 10.9 9.2 13.8

54 4.9 10.3 15.5#

68 2.8 4.5 6.7#

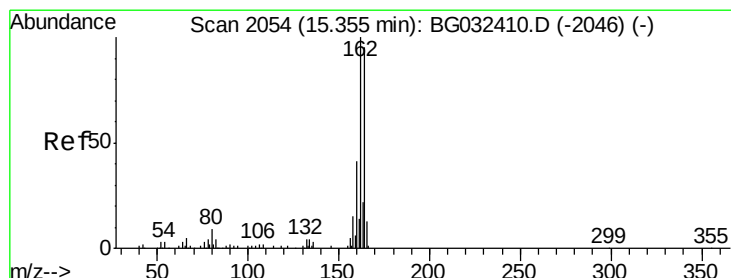
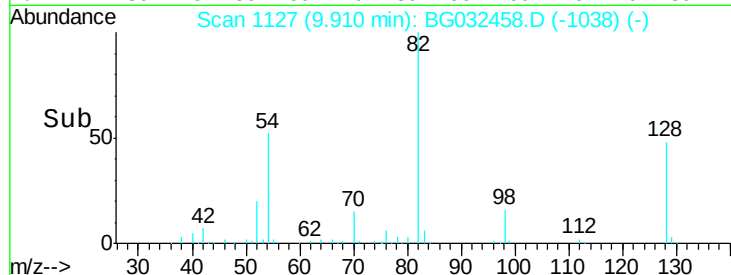
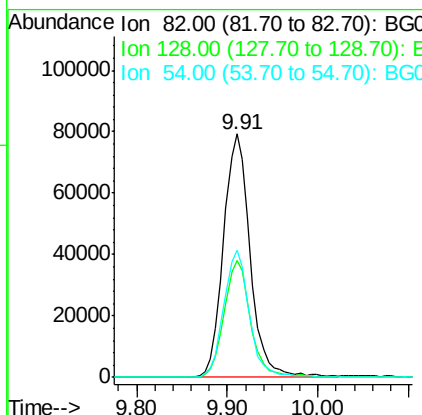
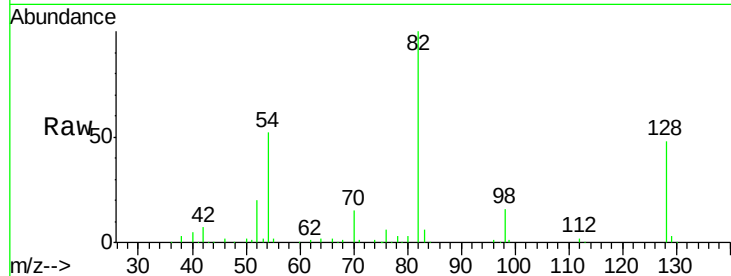




#23
 Nitrobenzene-d5
 Concen: 86.759 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032458.D
 Acq: 31 Jan 2018 1:23

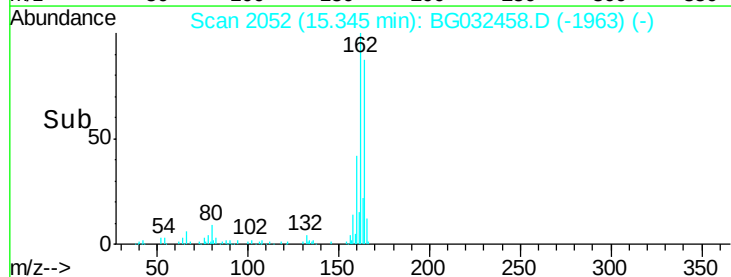
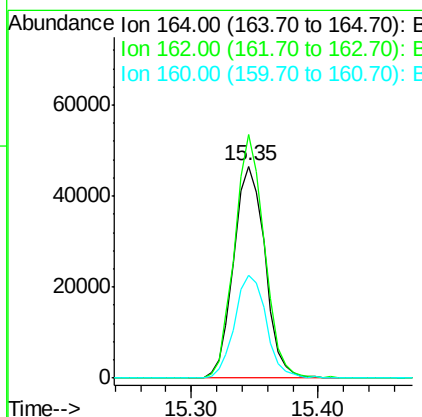
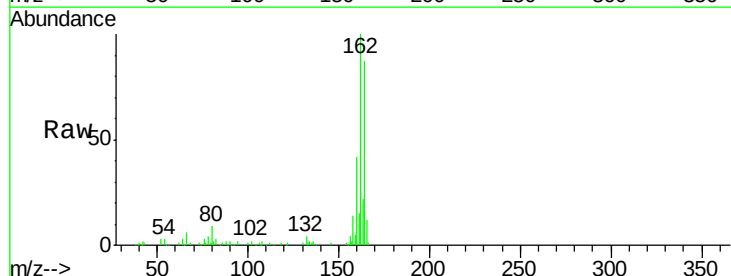
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

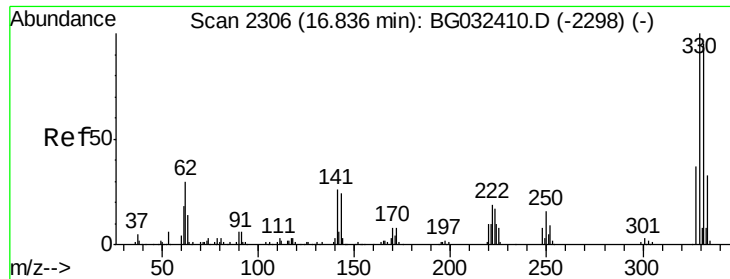
Tgt Ion: 82 Resp: 162650
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 52.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032458.D
 Acq: 31 Jan 2018 1:23

Tgt Ion: 164 Resp: 79940
 Ion Ratio Lower Upper
 164 100
 162 114.9 78.8 118.2
 160 48.7 35.4 53.0

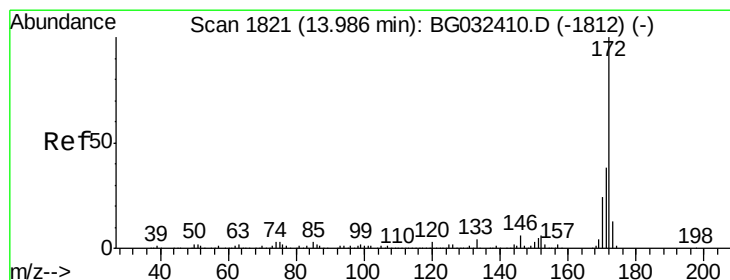
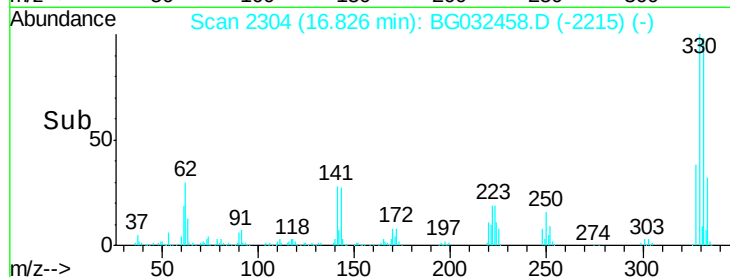
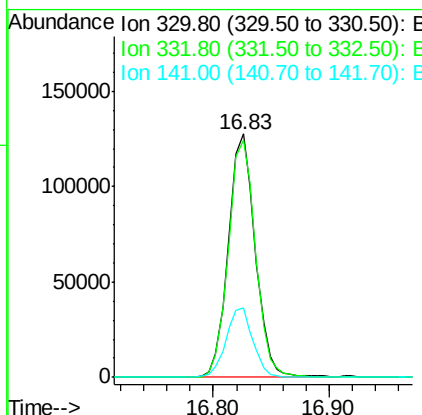
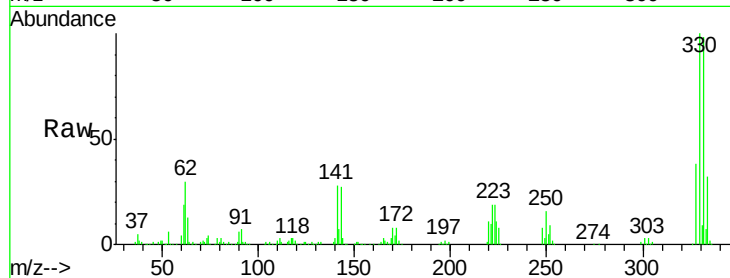




#41
 2,4,6-Tribromophenol
 Concen: 135.284 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032458.D
 Acq: 31 Jan 2018 1:23

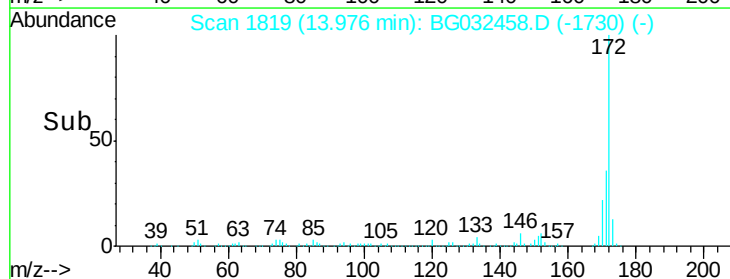
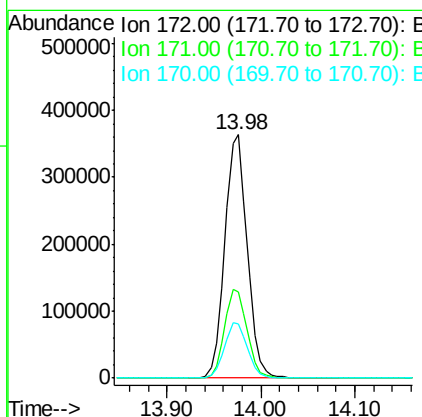
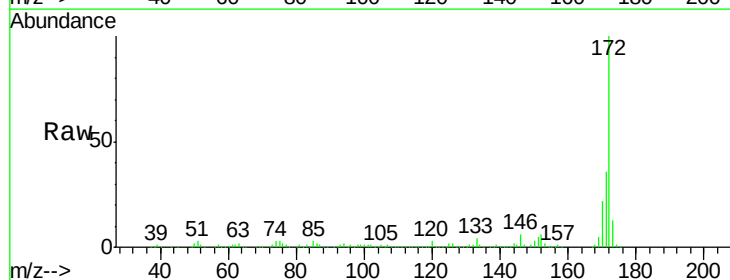
Instrument :
 BNA_G
 ClientSampleId :
 GROUNDWATER

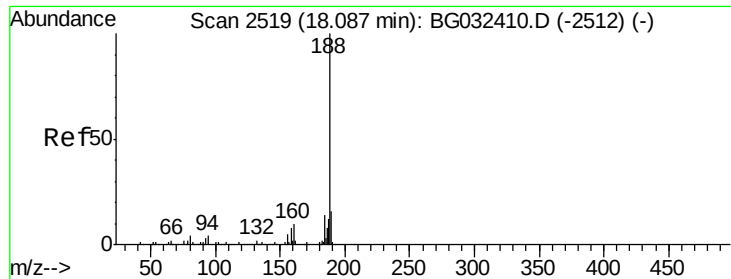
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.0	115.6
141	28.6	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 89.252 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032458.D
 Acq: 31 Jan 2018 1:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.3	19.5	29.3

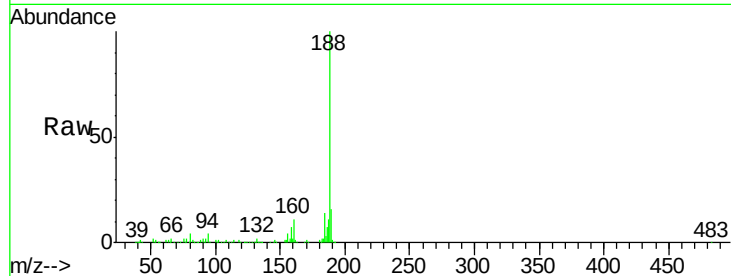




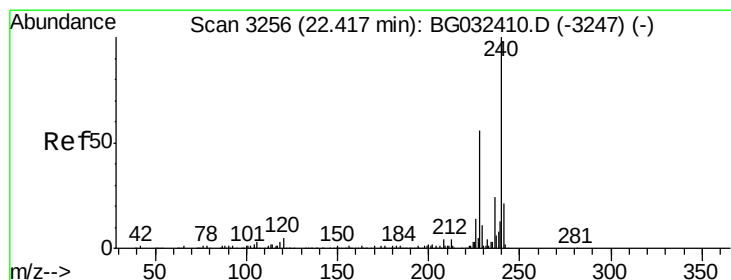
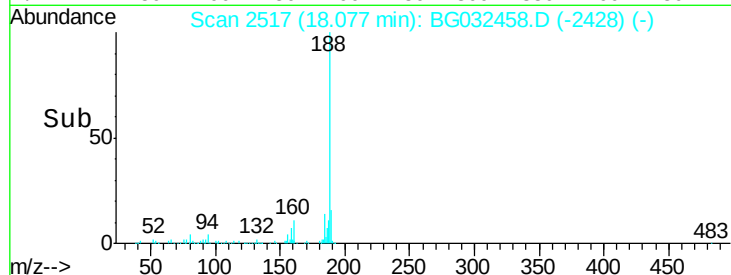
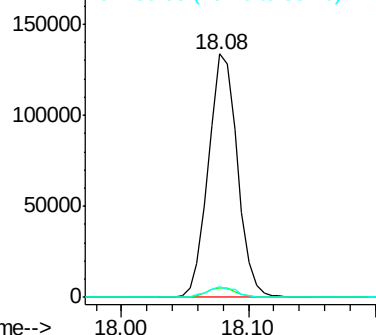
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion:188 Resp: 212592
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.4 7.7 11.5#

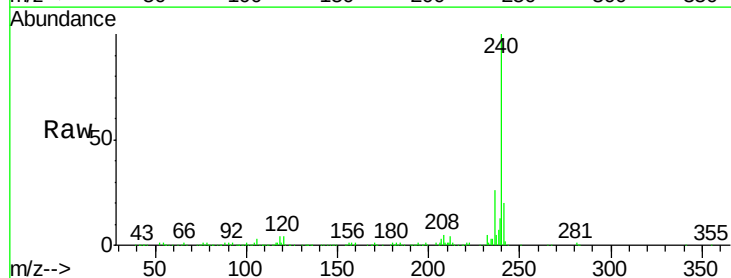


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

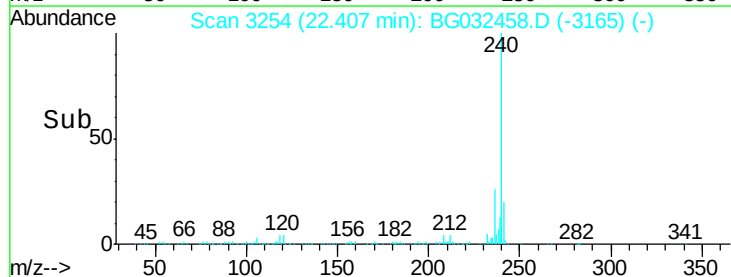
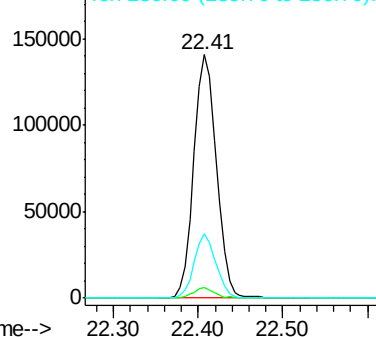


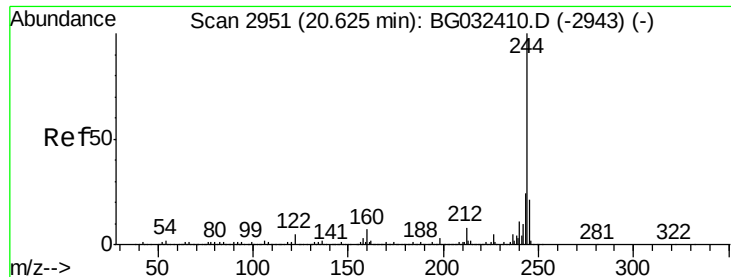
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Tgt Ion:240 Resp: 261671
Ion Ratio Lower Upper
240 100
120 4.5 6.8 10.2#
236 26.4 20.9 31.3



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





#78

Terphenyl-d14

Concen: 88.849 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032458.D

Acq: 31 Jan 2018 1:23

Instrument :

BNA_G

ClientSampleId :

GROUNDWATER

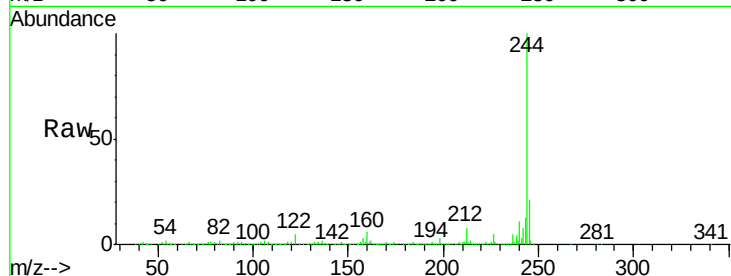
Tgt Ion:244 Resp: 1085358

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

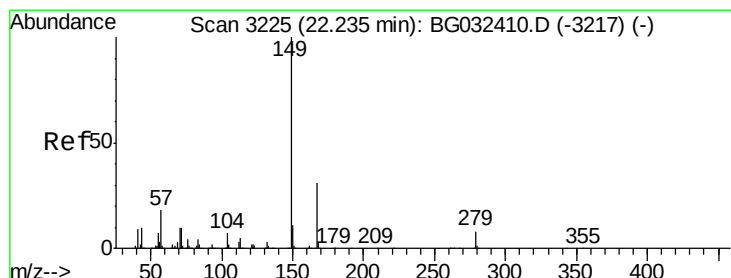
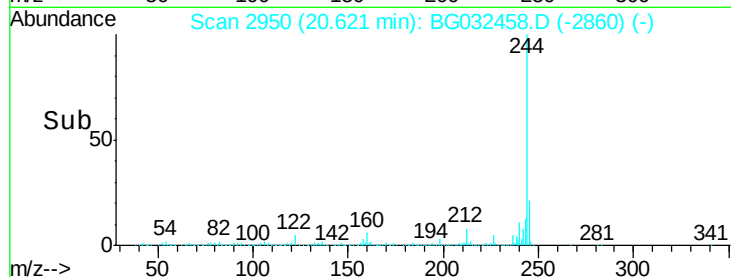
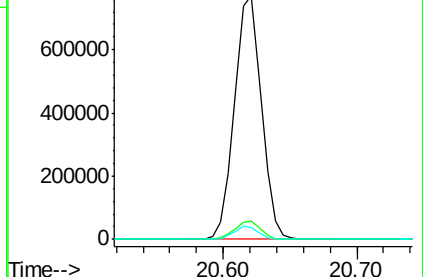
122 4.7 7.0 10.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 22.888 ng

RT: 22.23 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BG032458.D

Acq: 31 Jan 2018 1:23

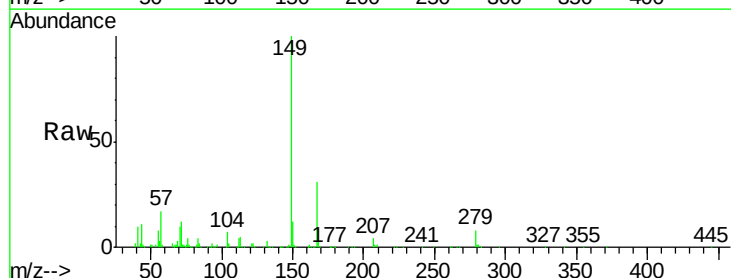
Tgt Ion:149 Resp: 164287

Ion Ratio Lower Upper

149 100

167 31.3 24.3 36.5

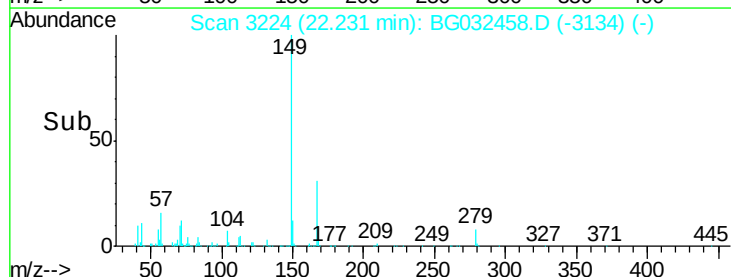
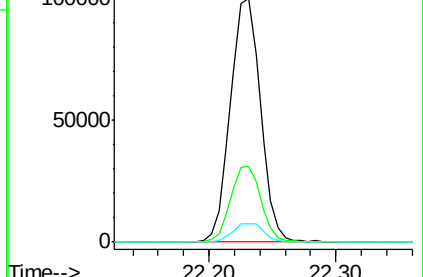
279 7.6 4.0 6.0#

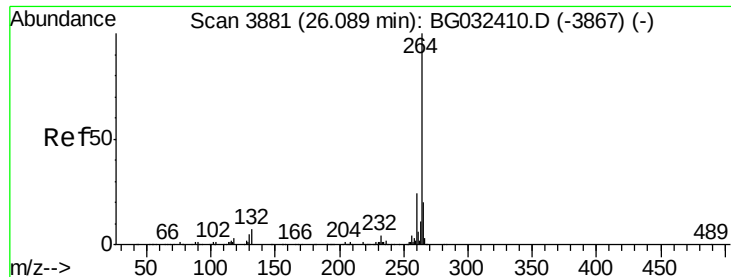


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032458.D
Acq: 31 Jan 2018 1:23

Instrument :
BNA_G
ClientSampleId :
GROUNDWATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.4	26.0
265	21.7	17.7	26.5

