

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
 Data File : BG038169.D
 Acq On : 27 Nov 2018 16:20
 Operator : JU/SJ
 Sample : J6060-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180948-SITE-WATER

Quant Time: Nov 28 04:21:05 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

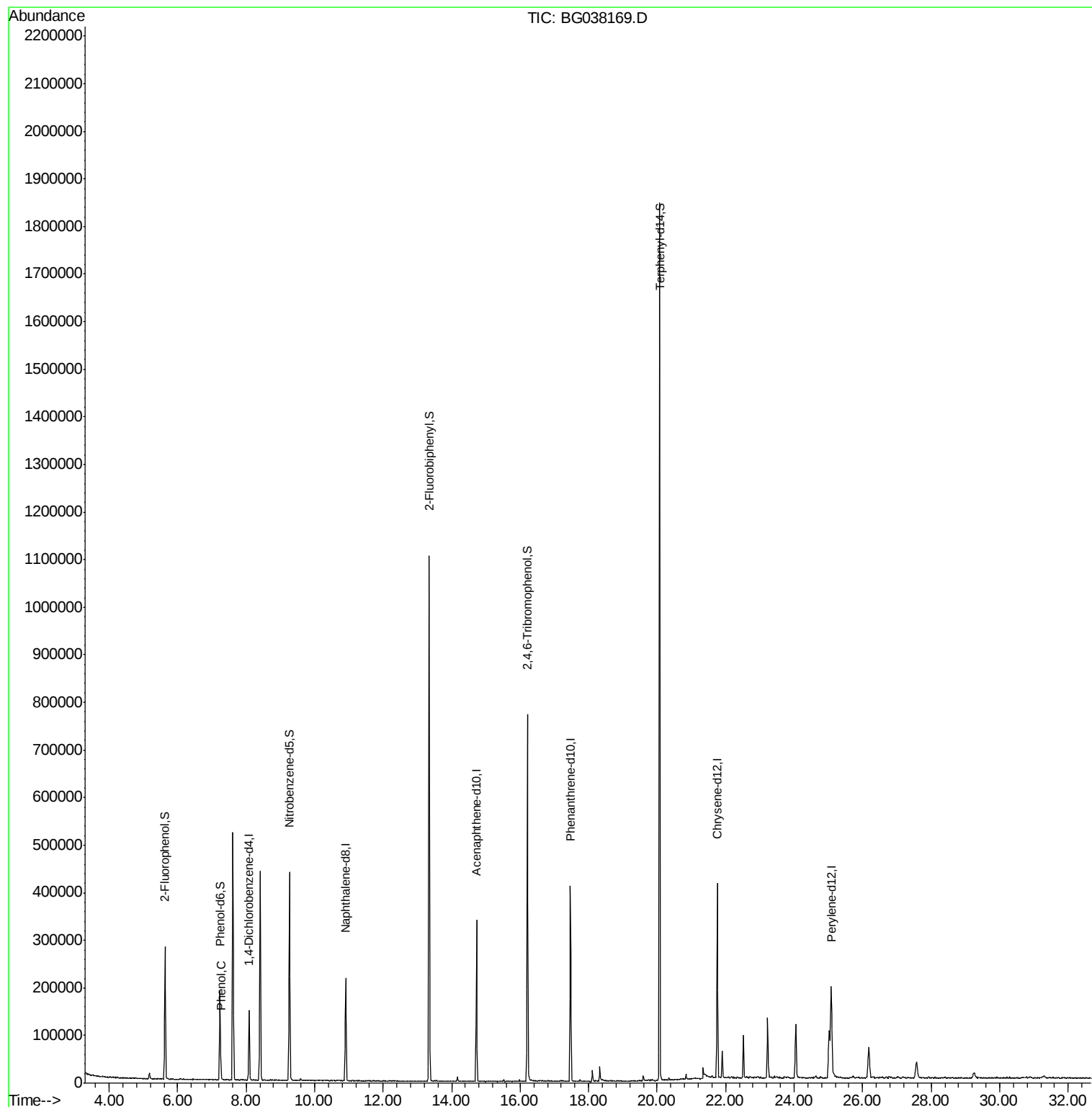
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42686	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	189831	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119421	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	260972	20.00	ng	0.00
76) Chrysene-d12	21.76	240	246934	20.00	ng	0.00
87) Perylene-d12	25.08	264	241819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	127302	51.49	ng	0.00
7) Phenol-d6	7.23	99	112914	32.00	ng	0.00
23) Nitrobenzene-d5	9.27	82	271661	76.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	140385	103.08	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	580985	70.88	ng	0.00
79) Terphenyl-d14	20.07	244	880185	83.87	ng	0.00
Target Compounds						
10) Phenol	7.26	94	16337	4.370	ng	Qvalue 95

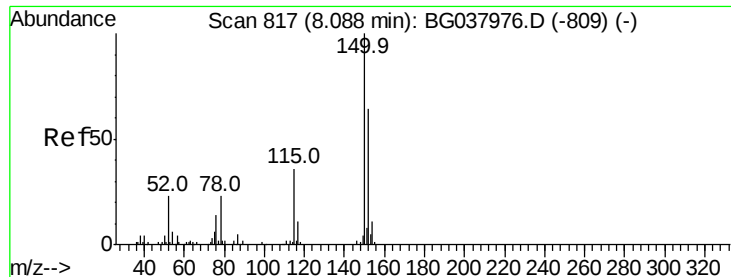
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

Instrument :

BNA_G

ClientSampleId :

20180948-SITE-WATER

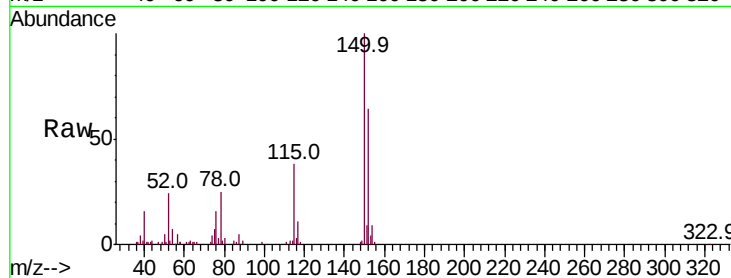
Tot Ion:152 Resp: 42686

Ion Ratio Lower Upper

152 100

150 155.9 126.0 189.0

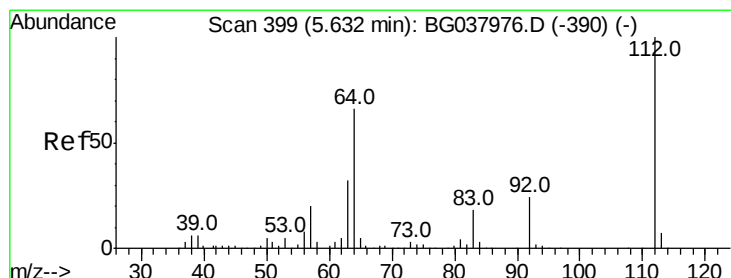
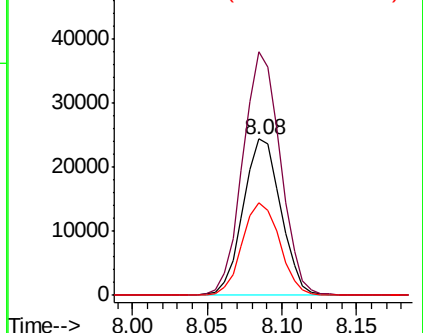
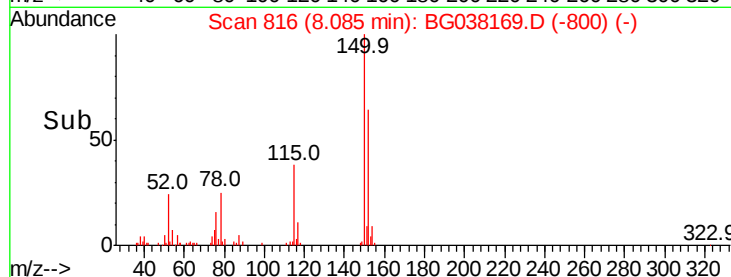
115 59.2 45.5 68.3



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: 51.491 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

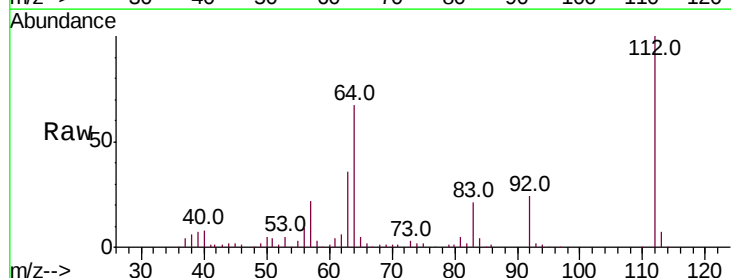
Tgt Ion:112 Resp: 127302

Ion Ratio Lower Upper

112 100

64 67.3 53.1 79.7

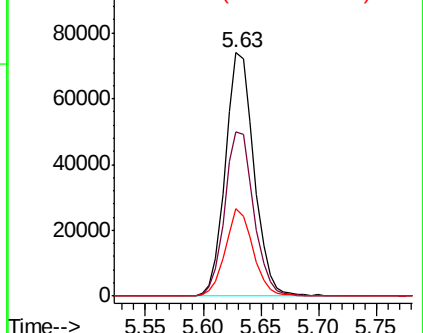
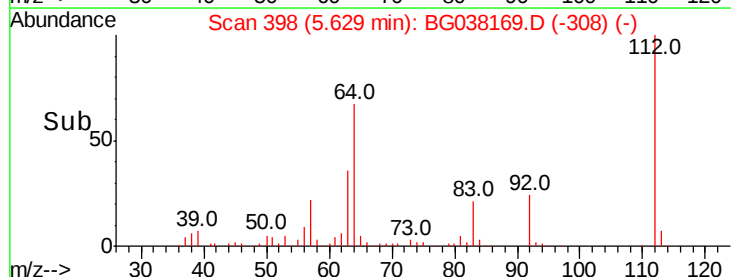
63 35.8 27.3 40.9

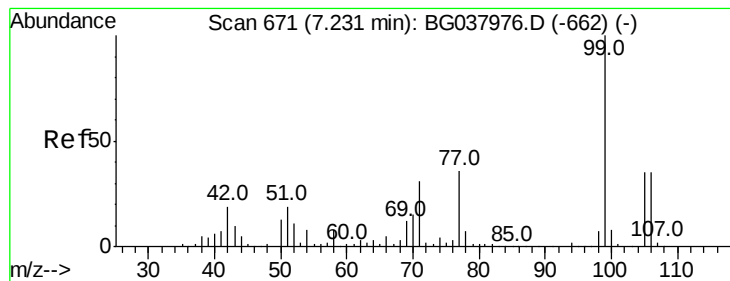


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 31.995 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

Instrument :

BNA_G

ClientSampleId :

20180948-SITE-WATER

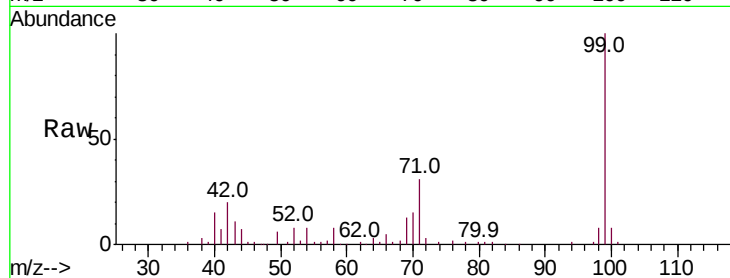
Tot Ion: 99 Resp: 112914

Ion Ratio Lower Upper

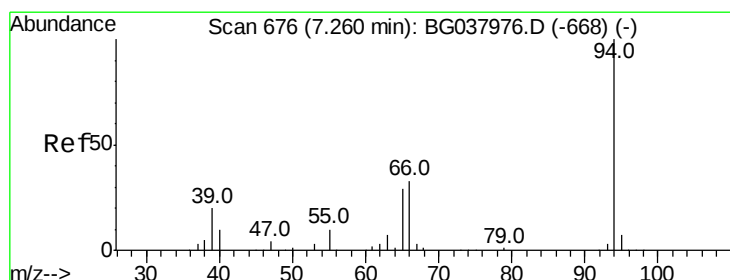
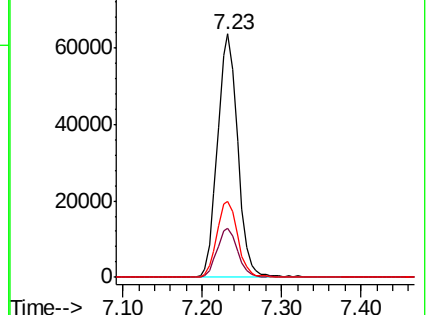
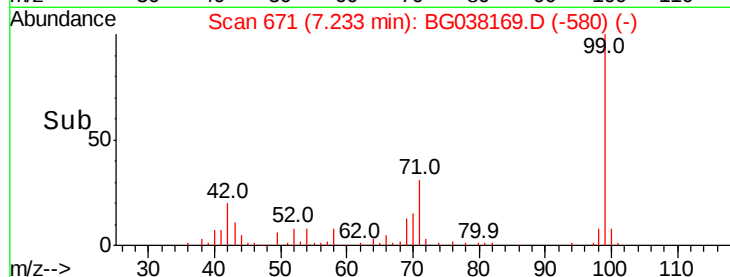
99 100

42 20.1 15.0 22.4

71 31.2 25.5 38.3



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: 4.370 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

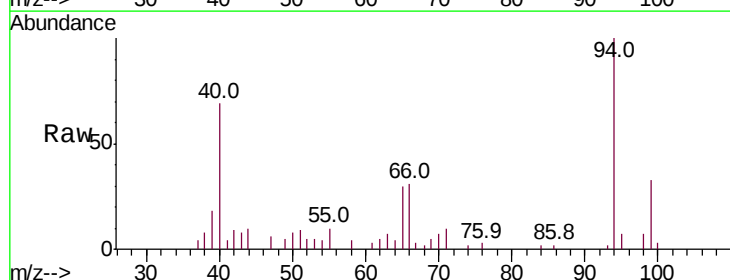
Tgt Ion: 94 Resp: 16337

Ion Ratio Lower Upper

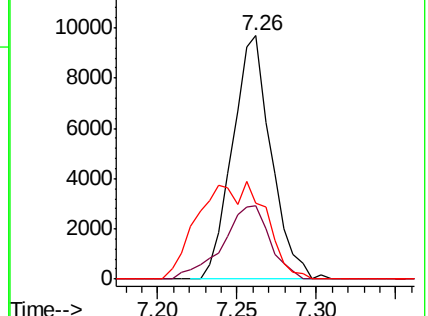
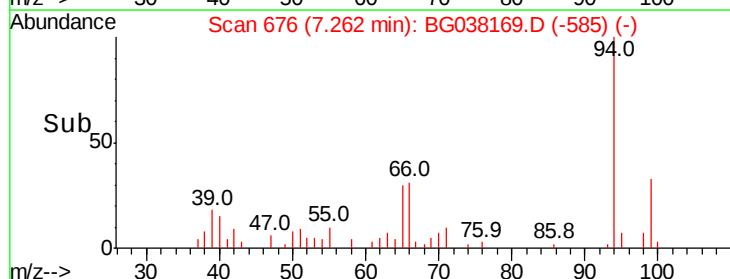
94 100

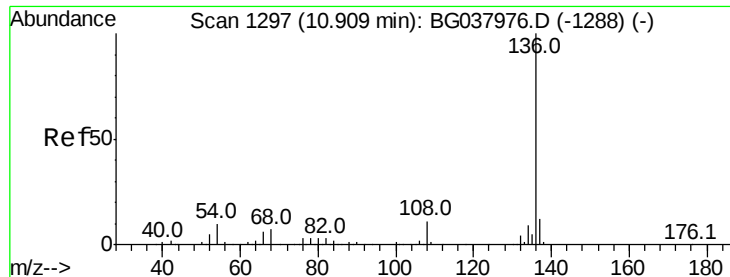
65 30.1 9.7 49.7

66 31.1 15.9 55.9



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

Instrument :

BNA_G

ClientSampleId :

20180948-SITE-WATER

Tot Ion: 136 Resp: 189831

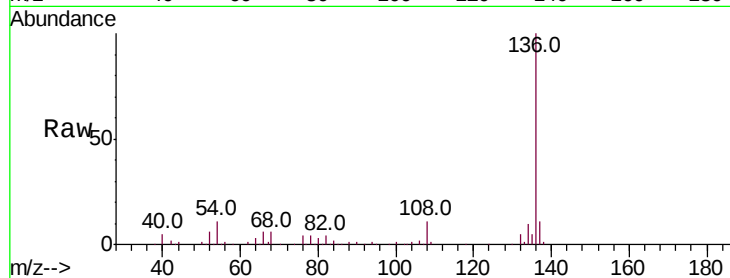
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.9 7.9 11.9

68 6.3 4.8 7.2

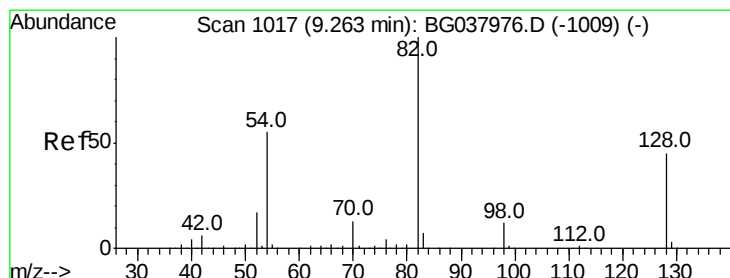
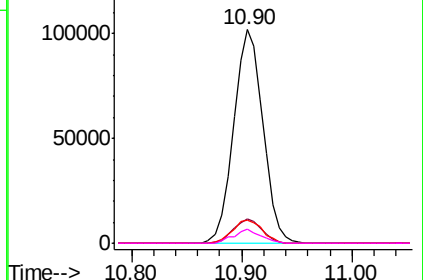
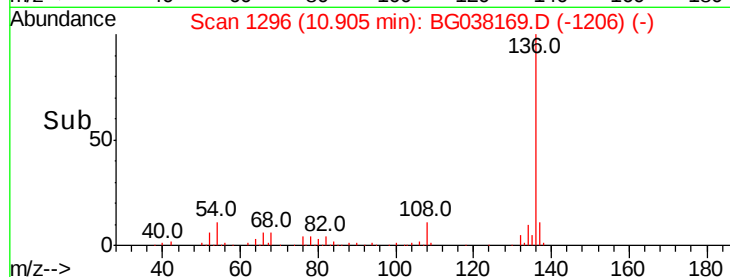


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.606 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

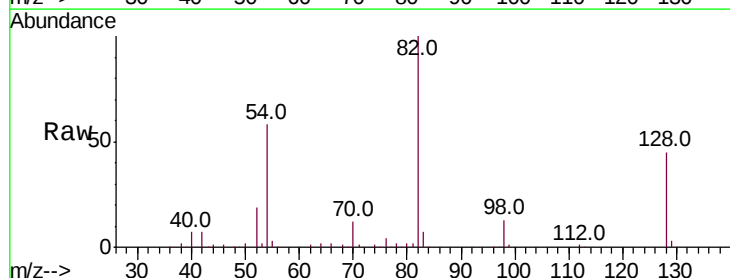
Tgt Ion: 82 Resp: 271661

Ion Ratio Lower Upper

82 100

128 44.6 34.6 51.8

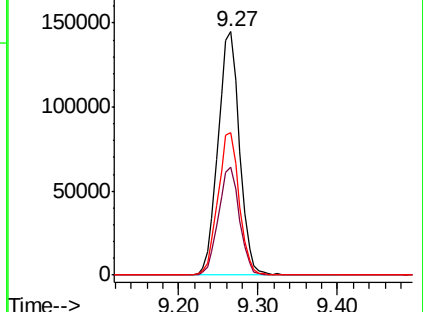
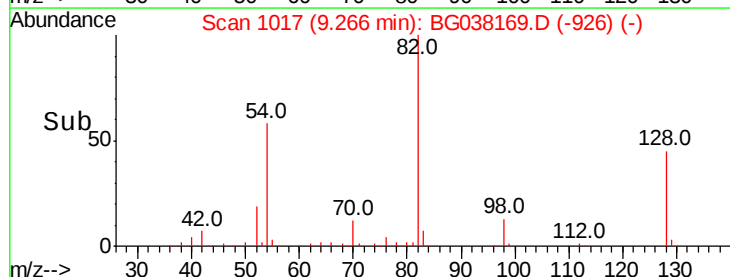
54 58.4 45.3 67.9

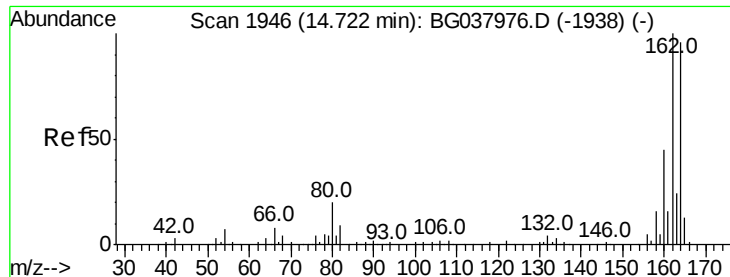


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

Instrument :

BNA_G

ClientSampleId :

20180948-SITE-WATER

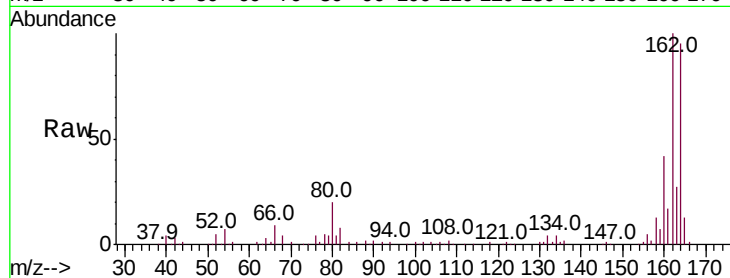
Tot Ion:164 Resp: 119421

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

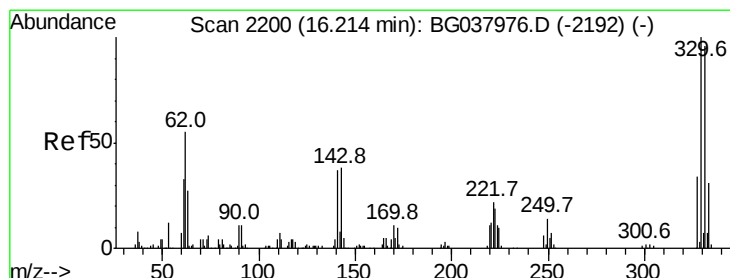
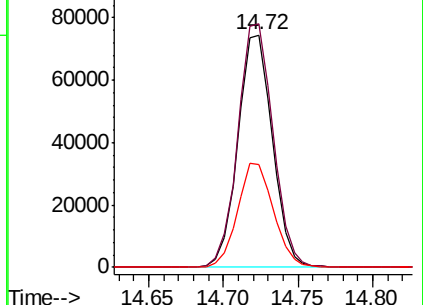
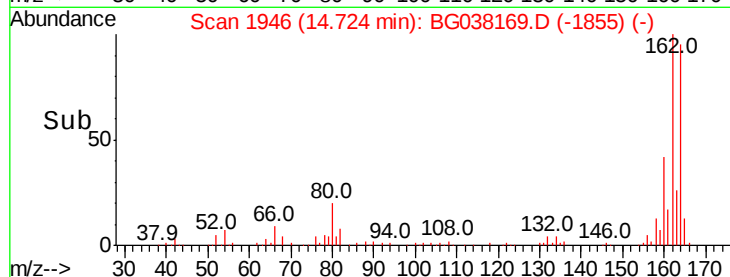
160 44.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 103.075 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038169.D

Acq: 27 Nov 2018 16:20

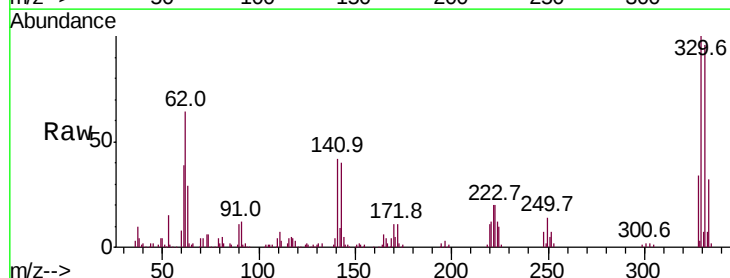
Tgt Ion:330 Resp: 140385

Ion Ratio Lower Upper

330 100

332 95.9 78.4 117.6

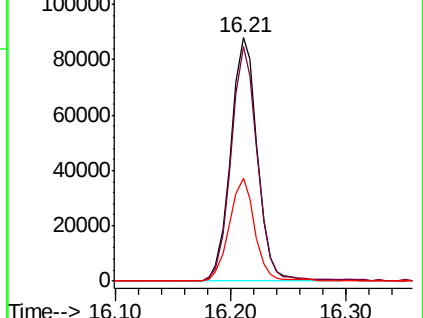
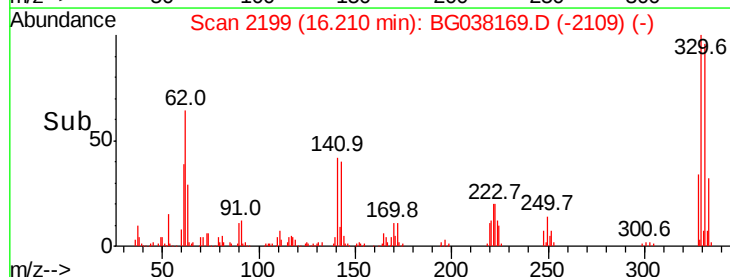
141 41.1 32.2 48.2



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

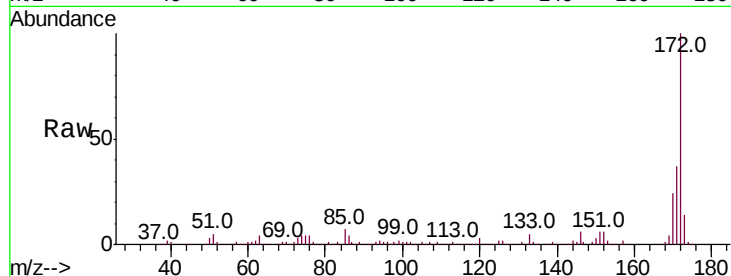




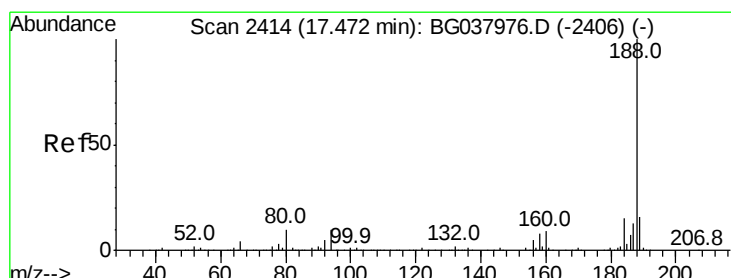
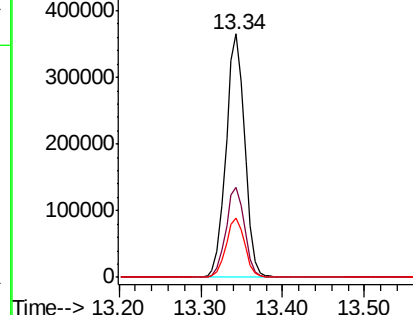
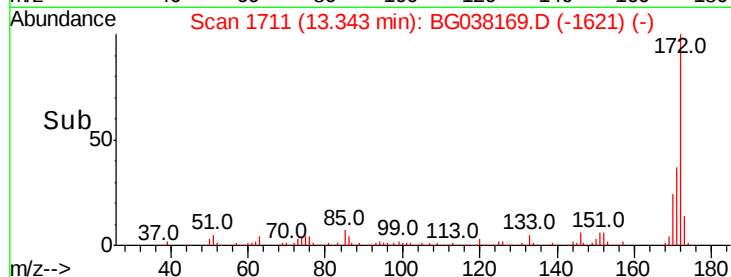
#45
 2-Fluorobiphenyl
 Concen: 70.876 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038169.D
 Acq: 27 Nov 2018 16:20

Instrument :
 BNA_G
 ClientSampleId :
 20180948-SITE-WATER

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	31.0	46.4
170	24.4	20.2	30.2

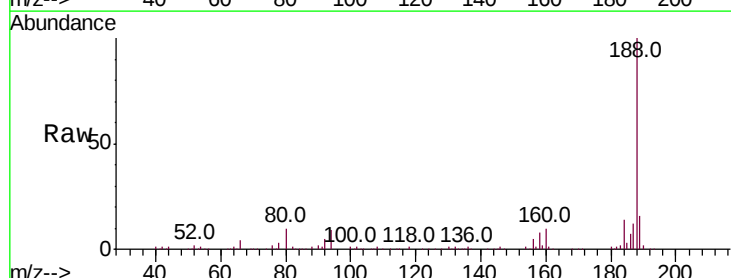


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

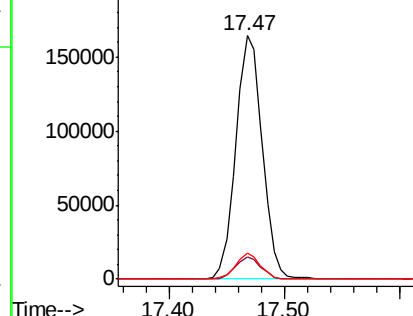
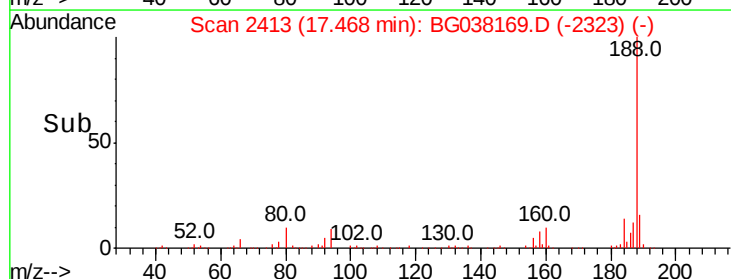


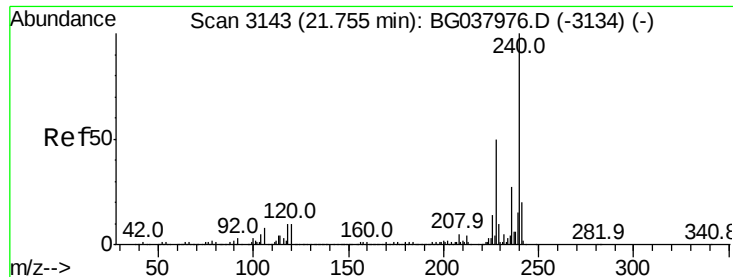
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038169.D
 Acq: 27 Nov 2018 16:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.2	10.8
80	10.5	7.7	11.5



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

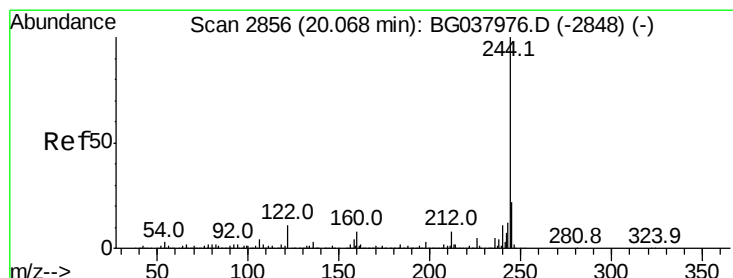
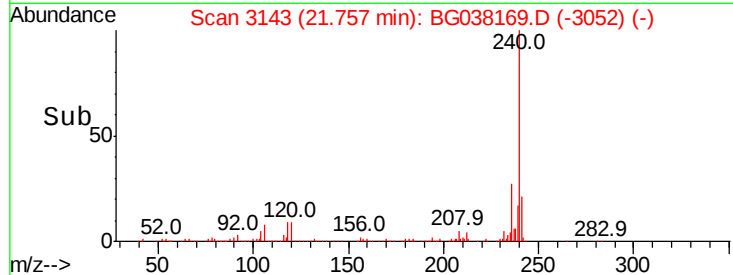
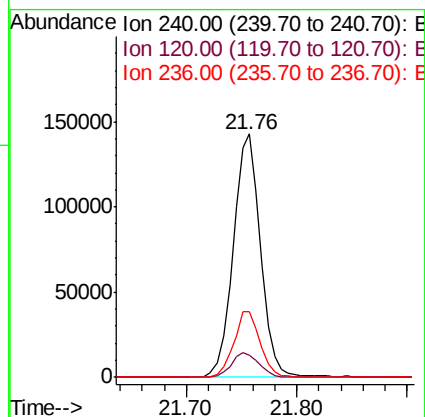
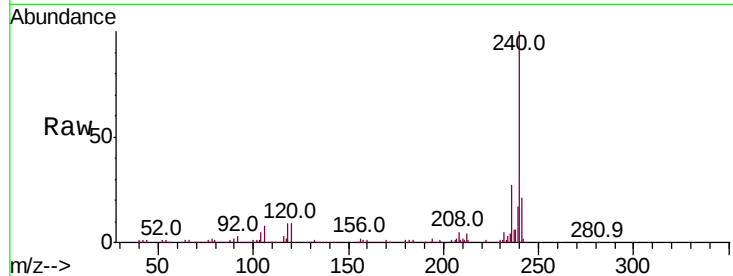




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3143
 Delta R.T. 0.00 min
 Lab File: BG038169.D
 Acq: 27 Nov 2018 16:20

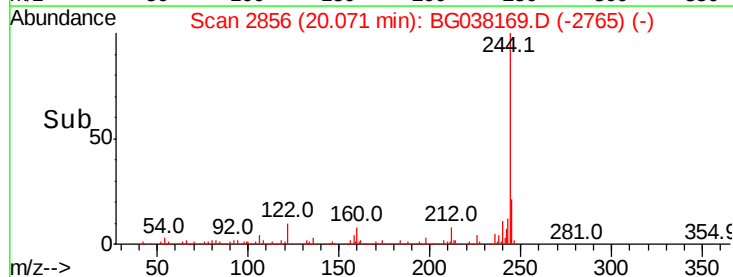
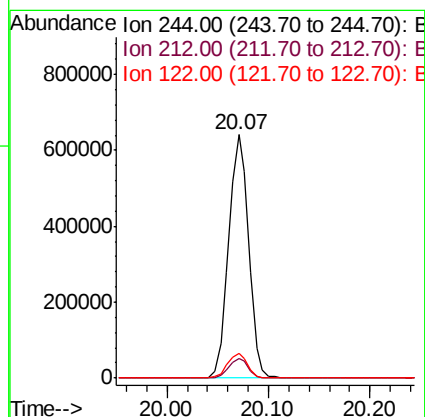
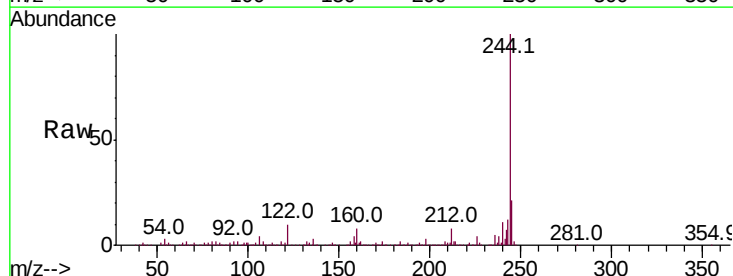
Instrument :
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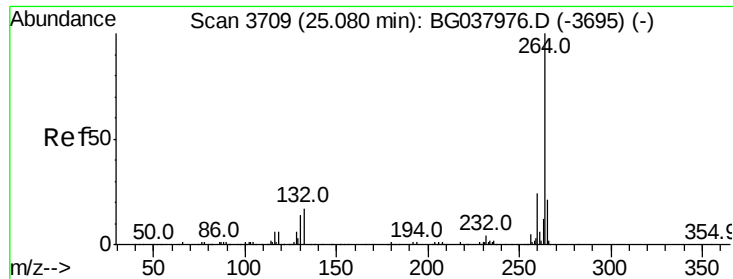
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.1	12.1
236	26.9	21.4	32.0



#79
 Terphenyl-d14
 Concen: 83.872 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038169.D
 Acq: 27 Nov 2018 16:20

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	10.1	9.0	13.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3709
Delta R.T. 0.00 min
Lab File: BG038169.D
Acq: 27 Nov 2018 16:20

Instrument :
BNA_G
ClientSampleId :
20180948-SITE-WATER

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.2	27.4
265	21.4	17.9	26.9

