

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112018\
 Data File : BG038089.D
 Acq On : 20 Nov 2018 17:29
 Operator : JU/SJ
 Sample : J5994-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180923-SITE-WATER

Quant Time: Nov 21 03:43:11 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

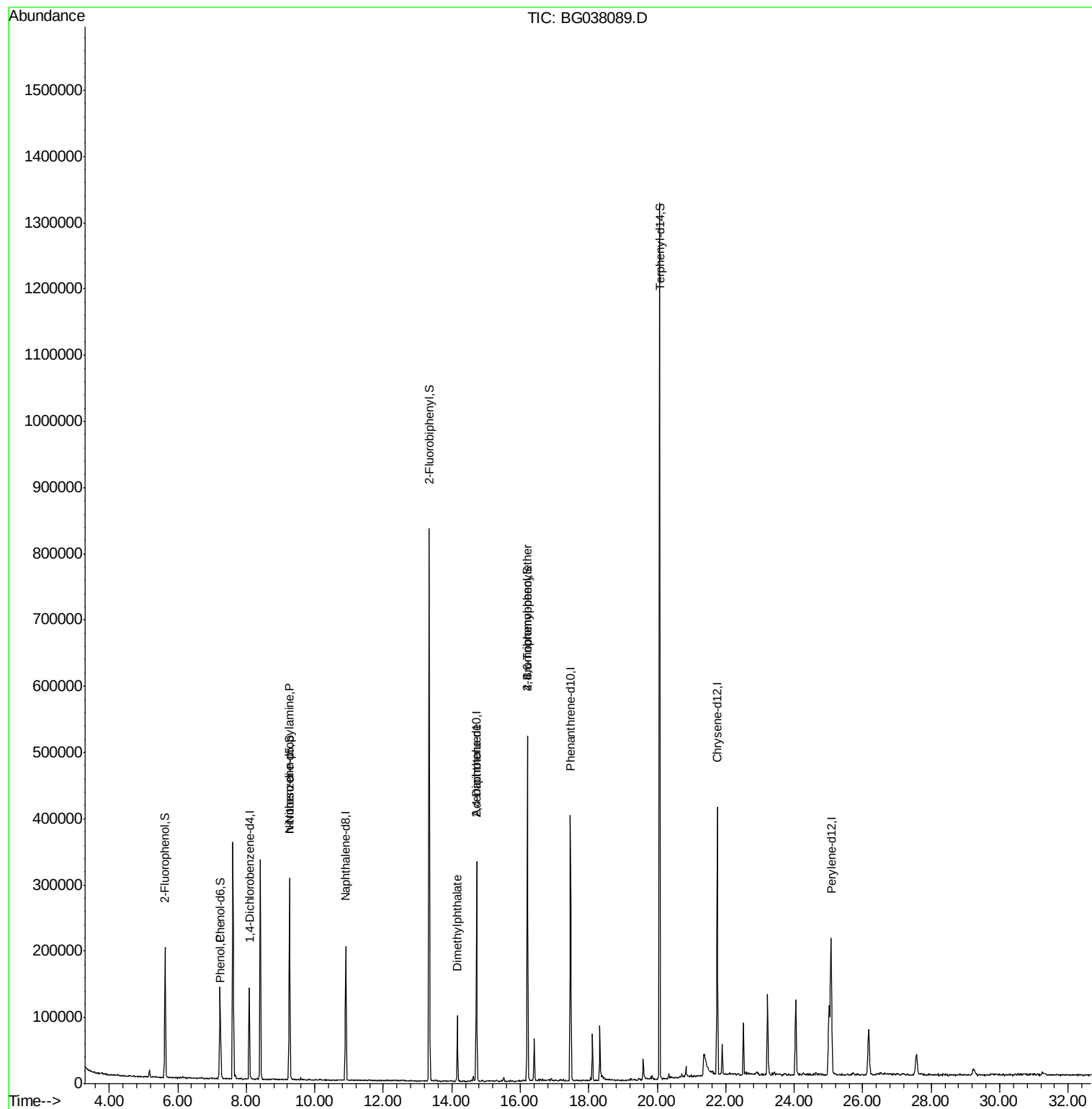
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	40221	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	181144	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	114000	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	253681	20.00	ng	0.00
76) Chrysene-d12	21.75	240	238866	20.00	ng	0.00
87) Perylene-d12	25.07	264	243565	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	92776	39.83	ng	0.00
7) Phenol-d6	7.23	99	82986	24.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	192403	56.86	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	92574	71.20	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	446251	57.03	ng	0.00
79) Terphenyl-d14	20.07	244	633555	62.41	ng	0.00
Target Compounds						
10) Phenol	7.25	94	30081	8.540	ng	97
19) n-Nitroso-di-n-propylamine	9.26	70	24043	9.993	ng	# 75
50) Dimethylphthalate	14.16	163	68115	7.537	ng	98
57) 2,4-Dinitrotoluene	14.72	165	14654	5.265	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	6443	2.314	ng	# 1

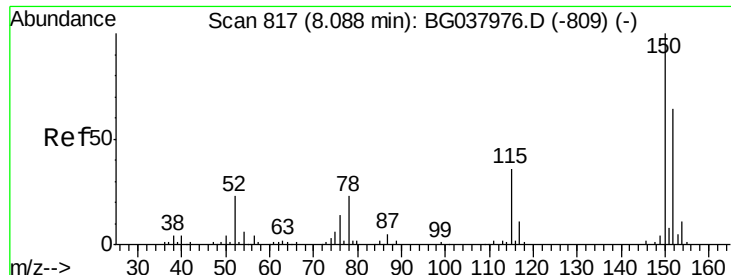
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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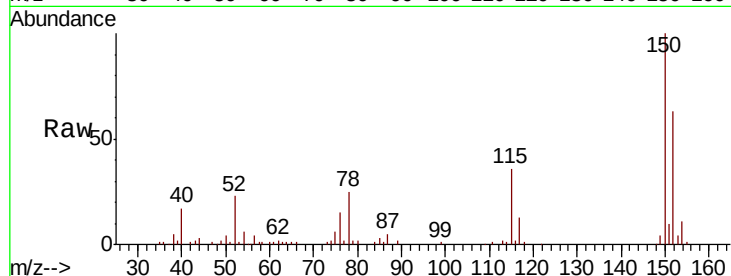




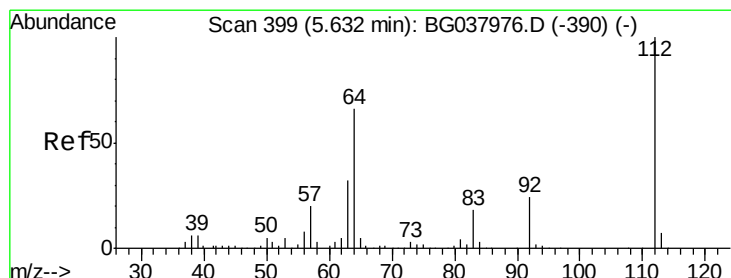
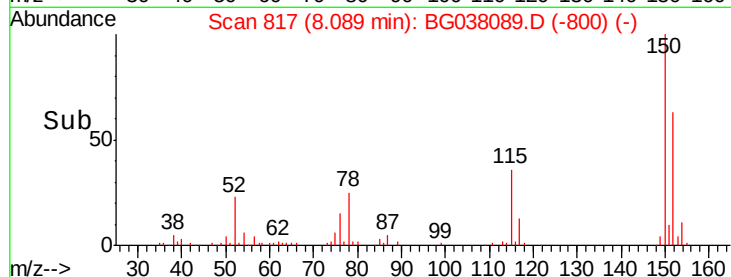
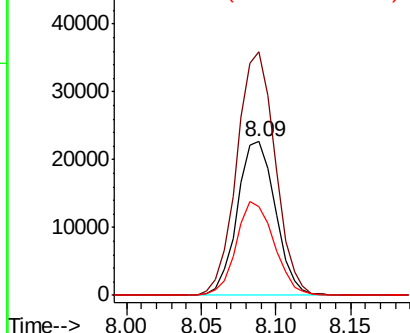
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038089.D
 Acq: 20 Nov 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 20180923-SITE-WATER

Tgt Ion:152 Resp: 40221
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.0 189.0
 115 57.5 45.5 68.3

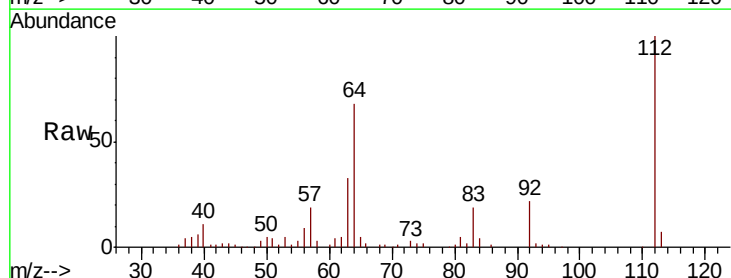


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

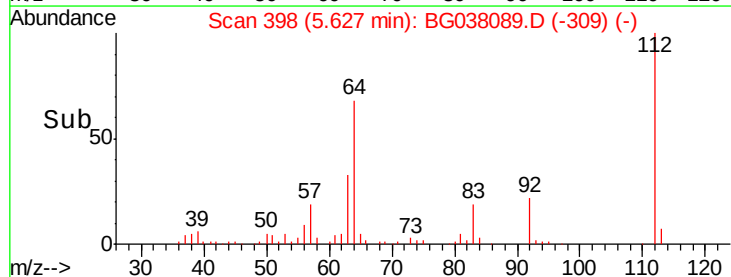
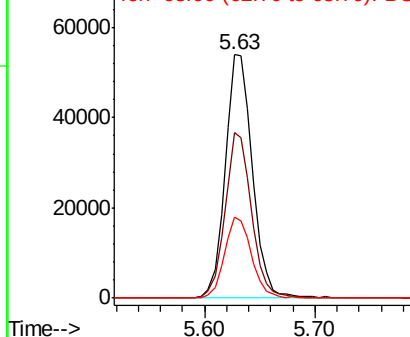


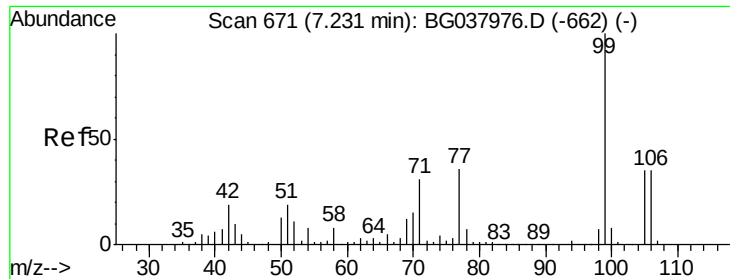
#5
 2-Fluorophenol
 Concen: 39.826 ng
 RT: 5.63 min Scan# 398
 Delta R.T. -0.01 min
 Lab File: BG038089.D
 Acq: 20 Nov 2018 17:29

Tgt Ion:112 Resp: 92776
 Ion Ratio Lower Upper
 112 100
 64 68.0 53.1 79.7
 63 33.4 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: 24.956 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

Instrument :

BNA_G

ClientSampleId :

20180923-SITE-WATER

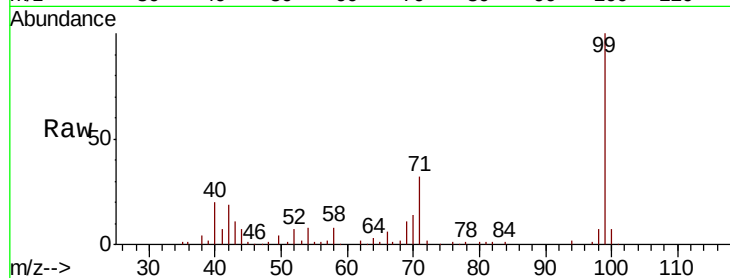
Tgt Ion: 99 Resp: 82986

Ion Ratio Lower Upper

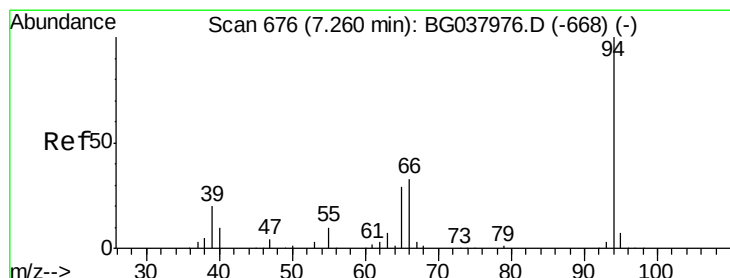
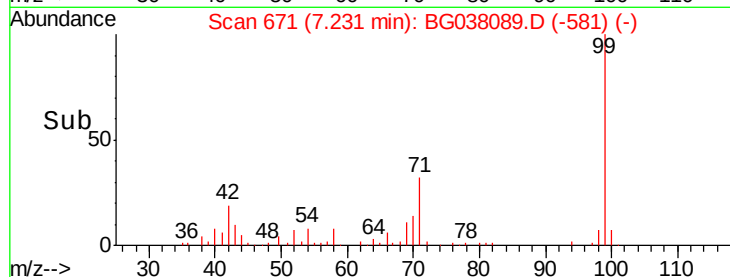
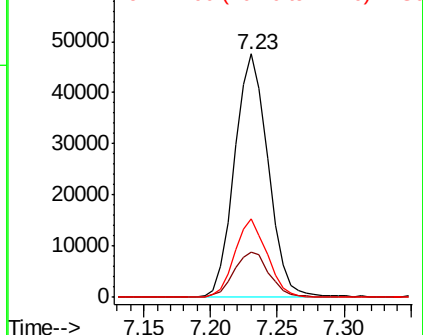
99 100

42 18.8 15.0 22.4

71 32.3 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: 8.540 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

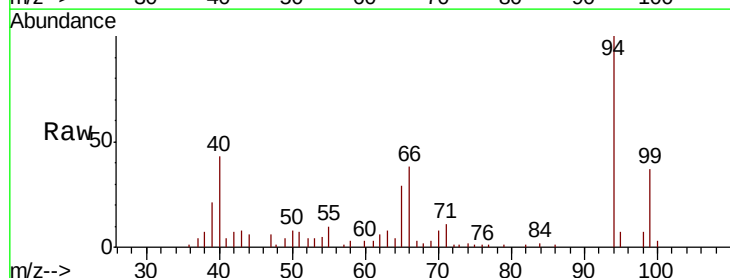
Tgt Ion: 94 Resp: 30081

Ion Ratio Lower Upper

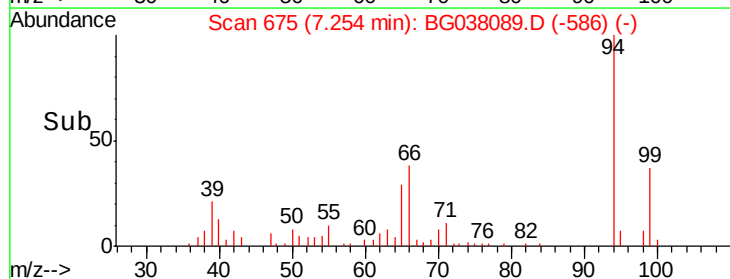
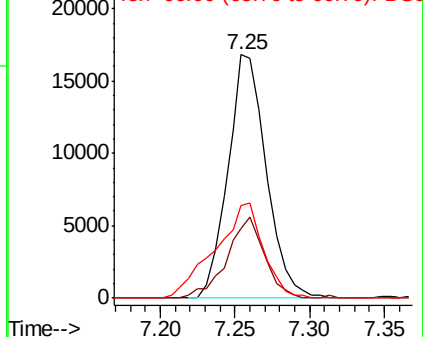
94 100

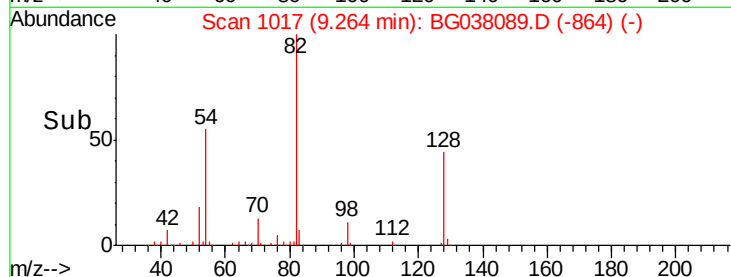
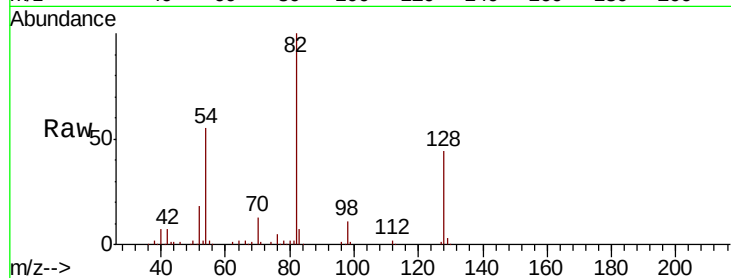
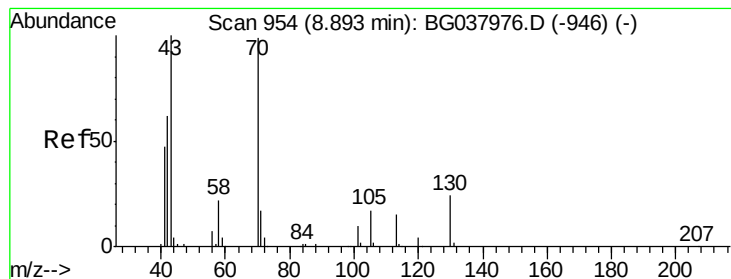
65 28.6 9.7 49.7

66 38.2 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





#19

n-Nitroso-di-n-propylamine

Concen: 9.993 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

Instrument :

BNA_G

ClientSampleId :

20180923-SITE-WATER

Tgt Ion: 70 Resp: 24043

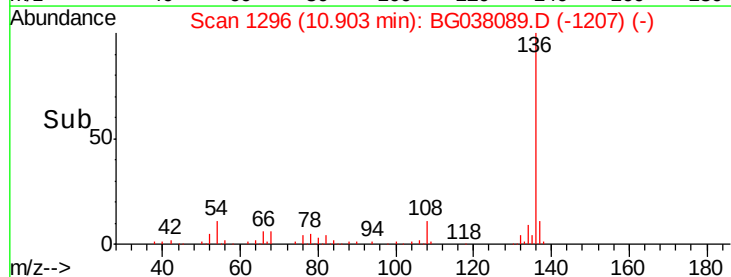
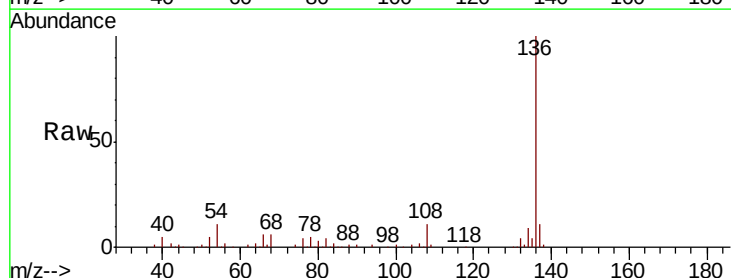
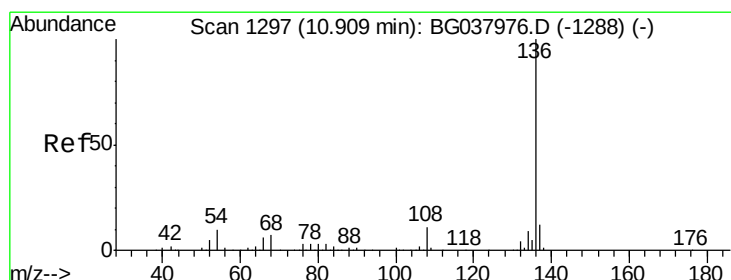
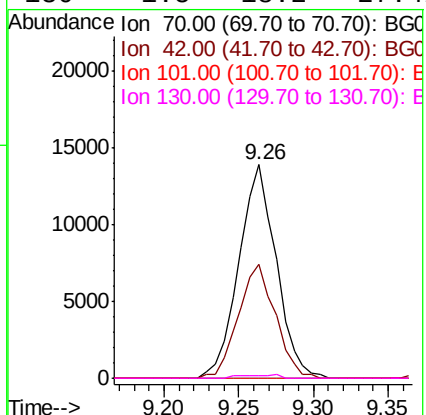
Ion Ratio Lower Upper

70 100

42 53.2 53.9 80.9#

101 0.0 8.2 12.2#

130 1.5 18.2 27.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

Tgt Ion: 136 Resp: 181144

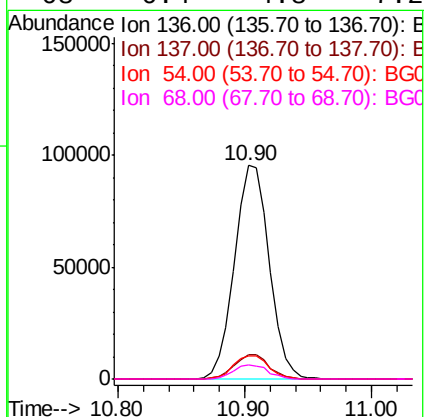
Ion Ratio Lower Upper

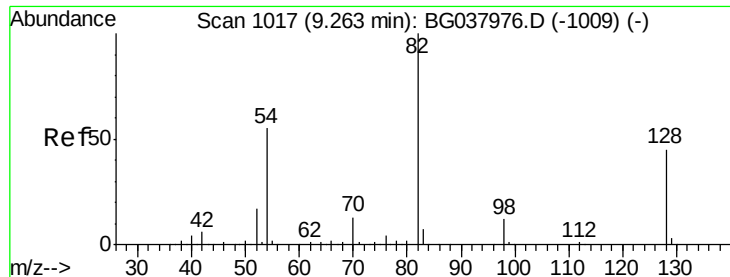
136 100

137 11.2 9.6 14.4

54 11.1 7.9 11.9

68 6.4 4.8 7.2

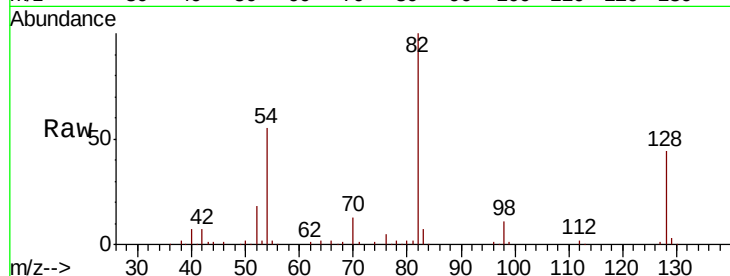




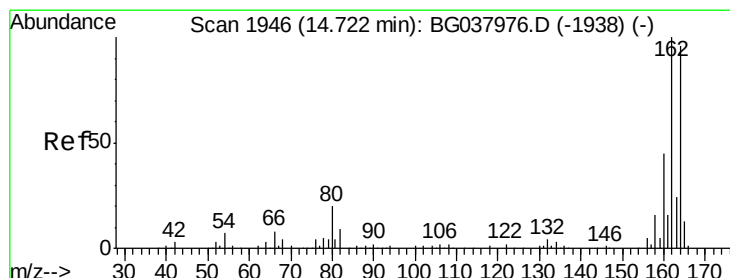
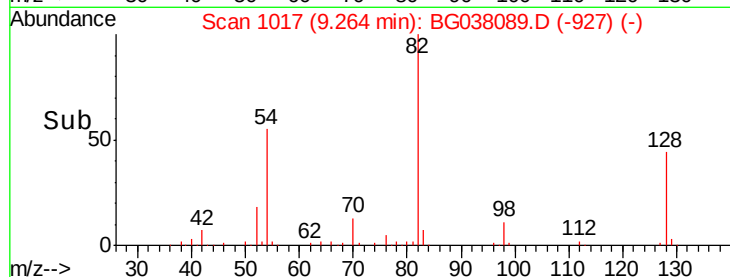
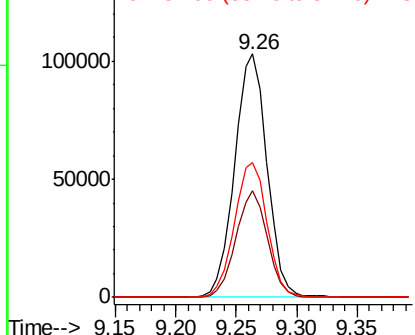
#23
Nitrobenzene-d5
Concen: 56.858 ng
RT: 9.26 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.6	34.6	51.8
54	55.3	45.3	67.9

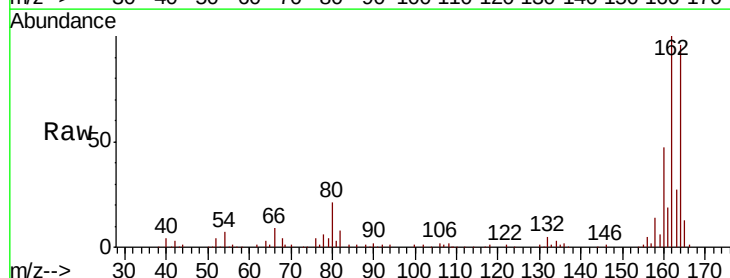


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

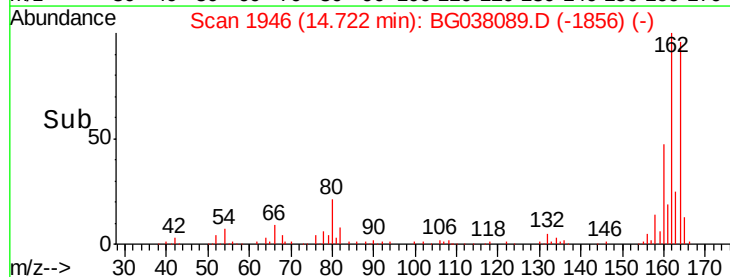
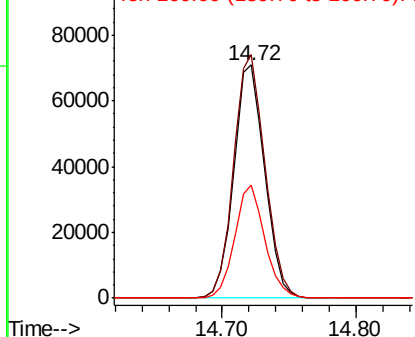


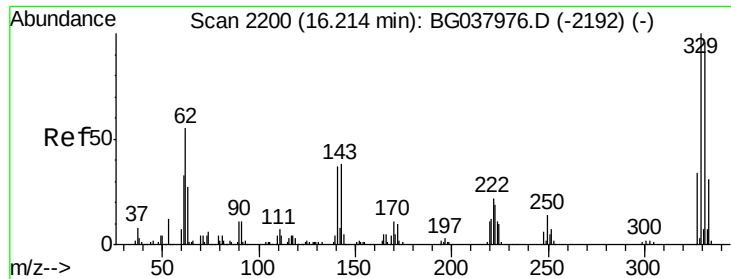
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	81.3	121.9
160	48.7	36.3	54.5



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

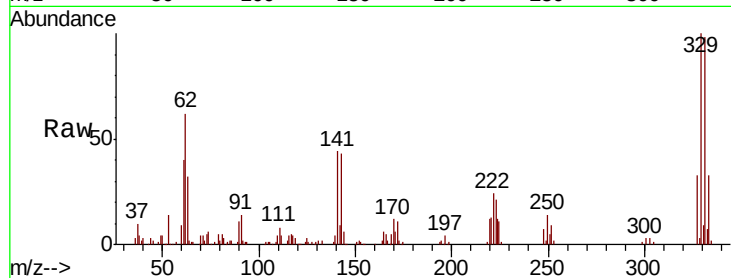




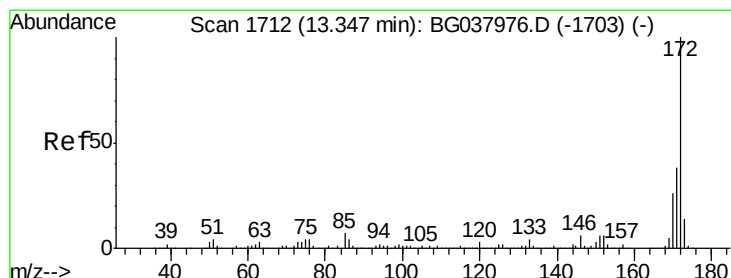
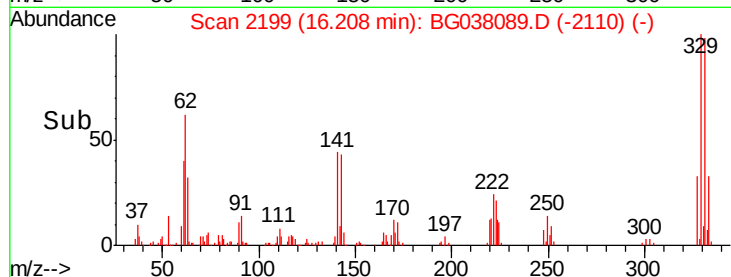
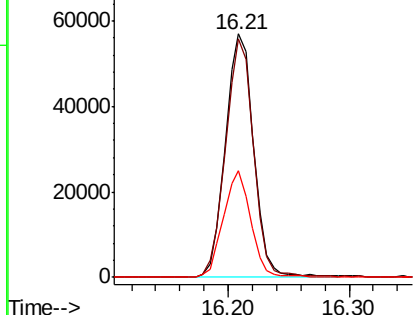
#42
 2,4,6-Tribromophenol
 Concen: 71.203 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038089.D
 Acq: 20 Nov 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 20180923-SITE-WATER

Tgt Ion:330 Resp: 92574
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.4 117.6
 141 42.1 32.2 48.2

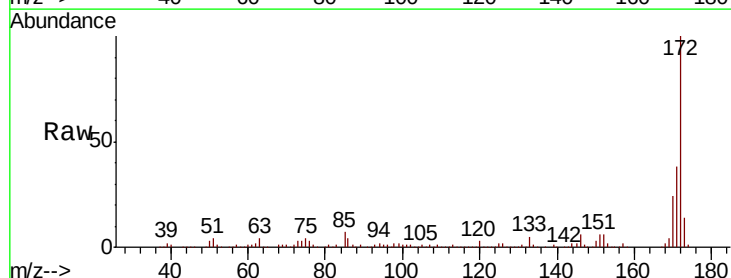


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

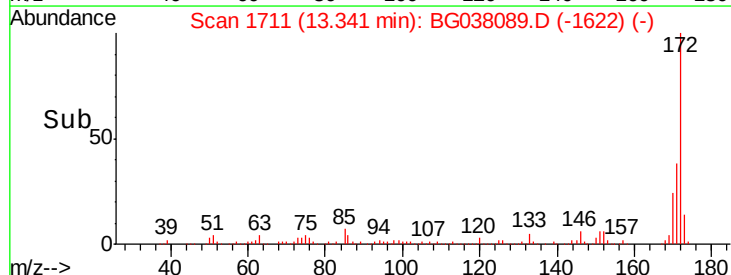
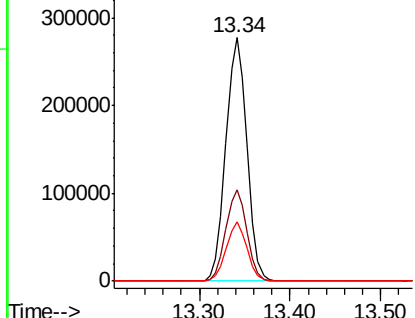


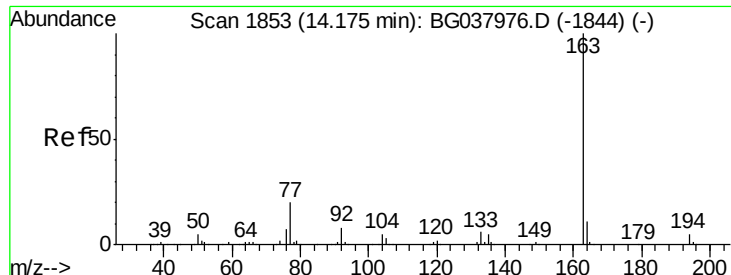
#45
 2-Fluorobiphenyl
 Concen: 57.028 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038089.D
 Acq: 20 Nov 2018 17:29

Tgt Ion:172 Resp: 446251
 Ion Ratio Lower Upper
 172 100
 171 37.6 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





#50

Dimethylphthalate

Concen: 7.537 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

Instrument :

BNA_G

ClientSampleId :

20180923-SITE-WATER

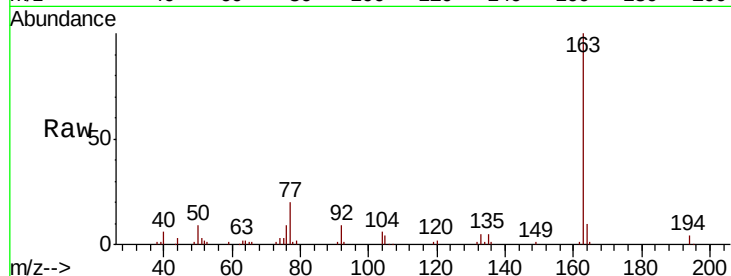
Tgt Ion:163 Resp: 68115

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

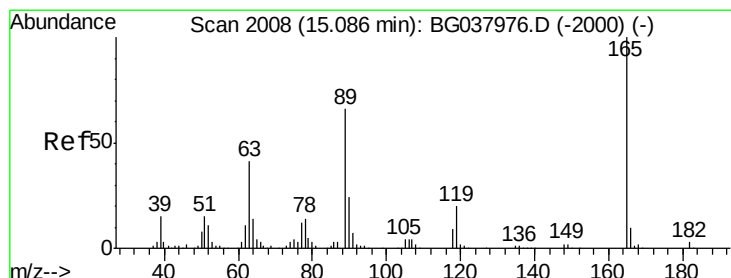
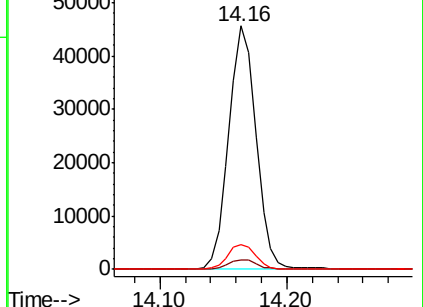
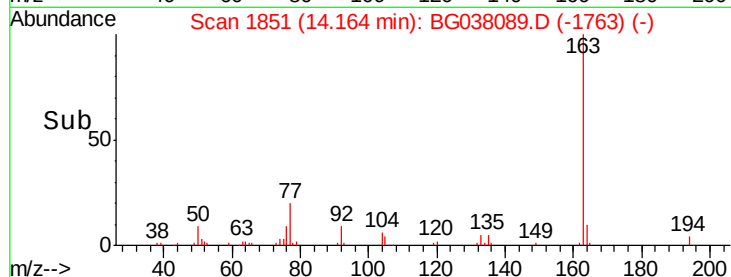
164 10.1 8.5 12.7



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



#57

2,4-Dinitrotoluene

Concen: 5.265 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.36 min

Lab File: BG038089.D

Acq: 20 Nov 2018 17:29

Tgt Ion:165 Resp: 14654

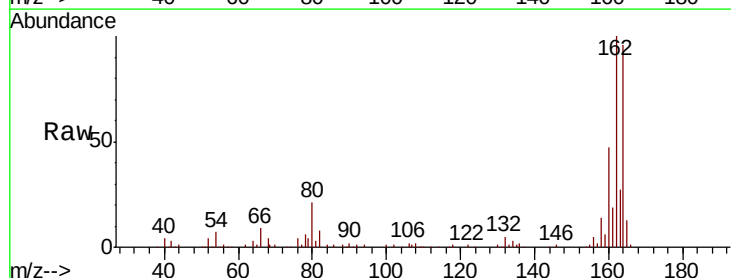
Ion Ratio Lower Upper

165 100

63 0.0 33.4 50.0#

89 1.8 57.2 85.8#

182 0.0 2.6 4.0#

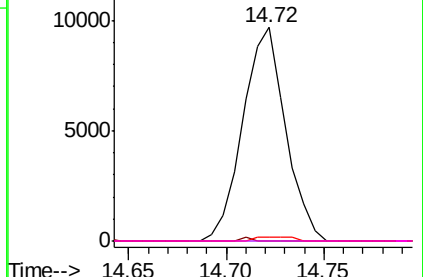
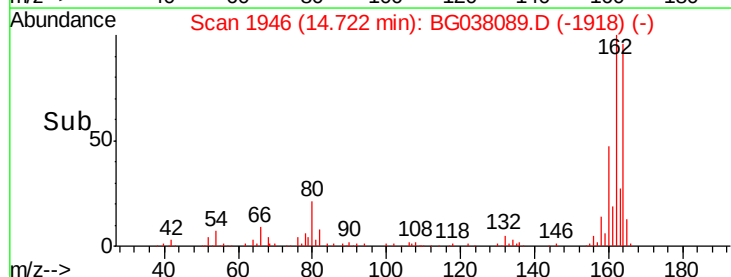


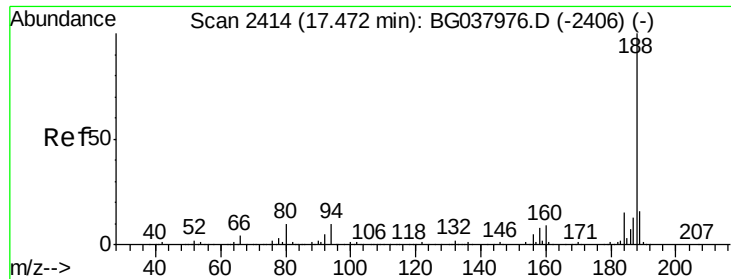
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

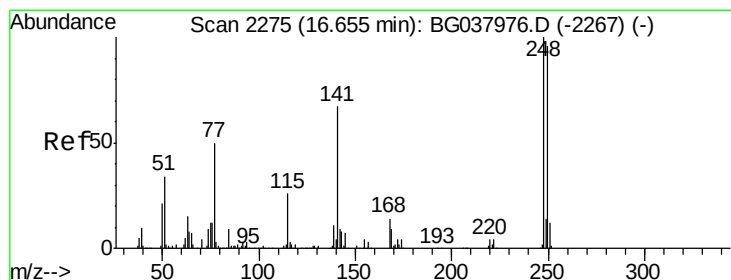
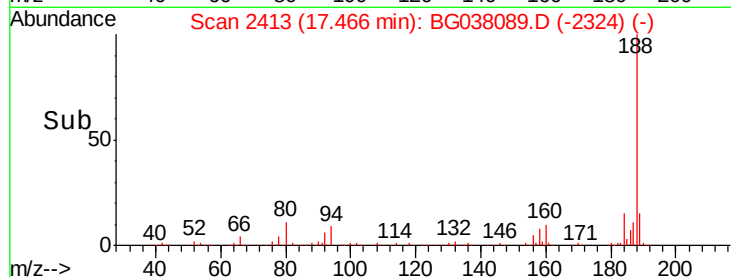
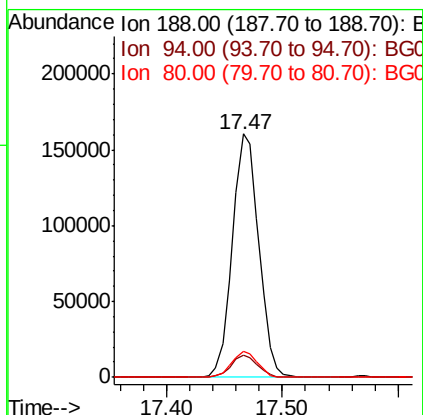
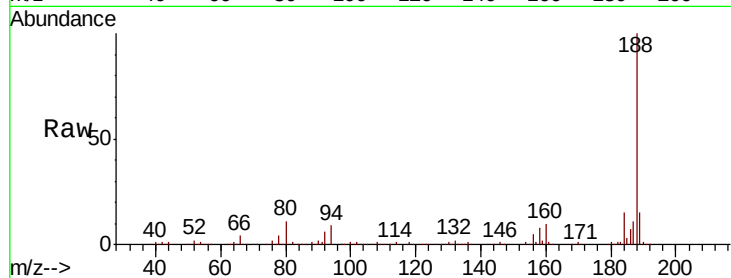




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

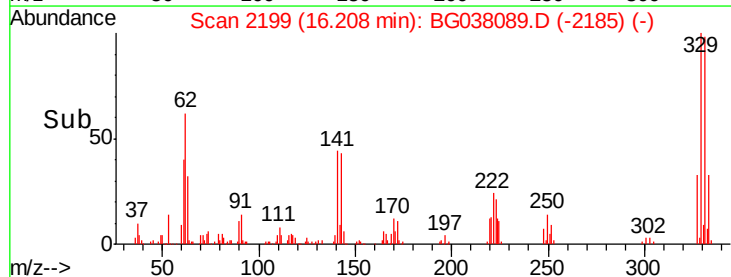
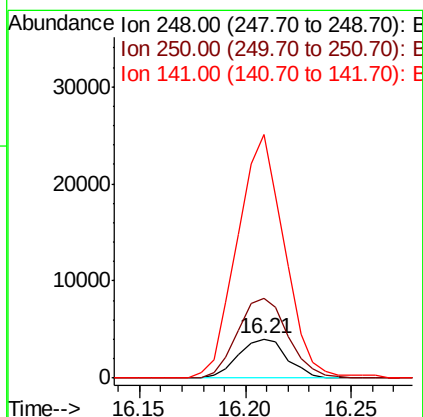
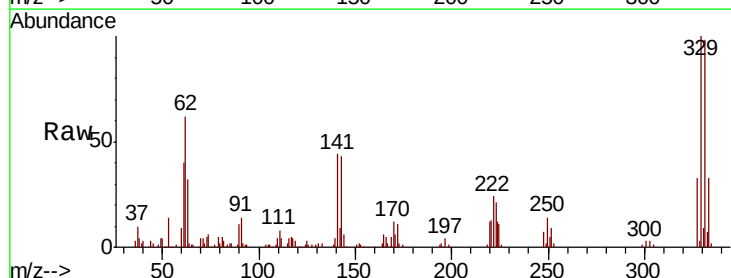
Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

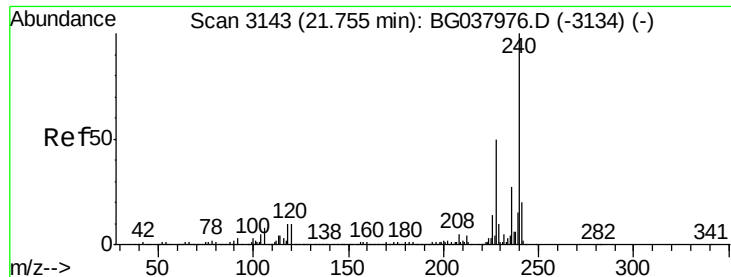
Tgt Ion:188 Resp: 253681
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 10.7 7.7 11.5



#67
4-Bromophenyl-phenylether
Concen: 2.314 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:248 Resp: 6443
Ion Ratio Lower Upper
248 100
250 203.0 77.0 115.6#
141 463.2 55.5 83.3#

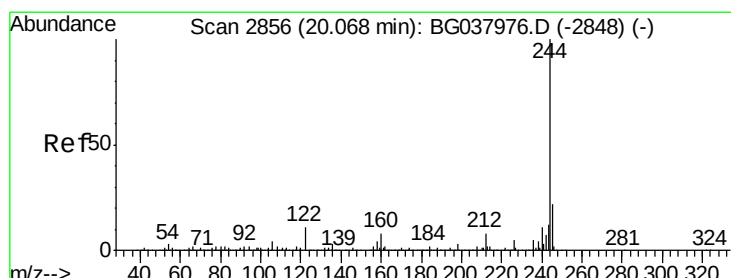
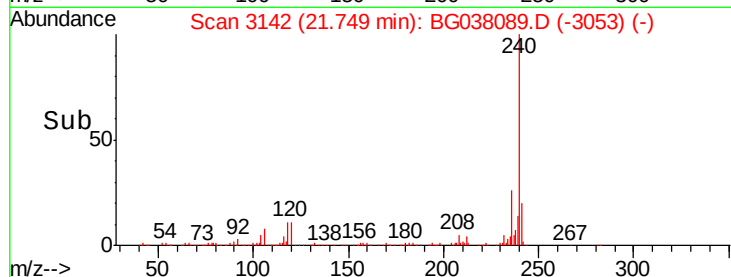
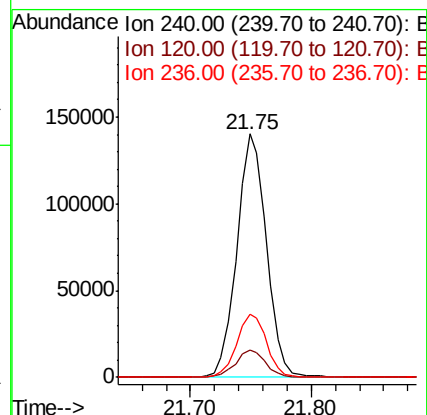
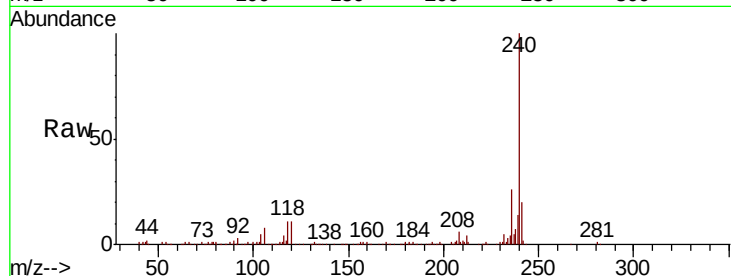




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

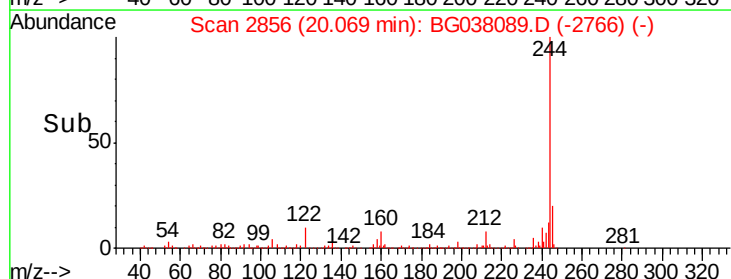
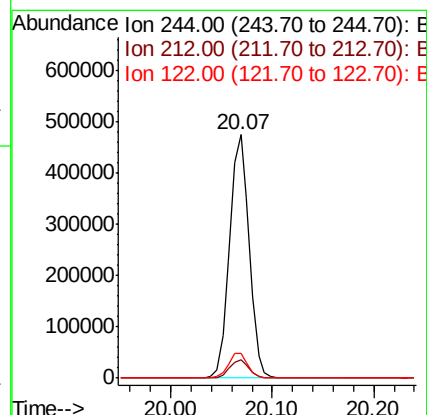
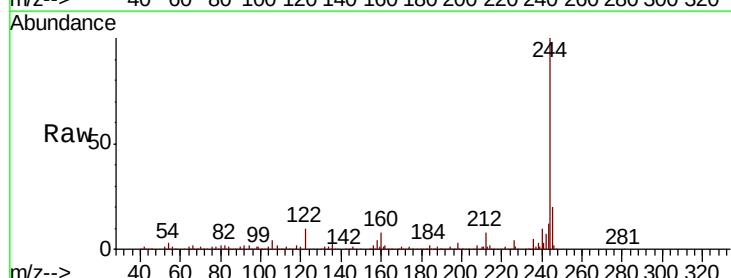
Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

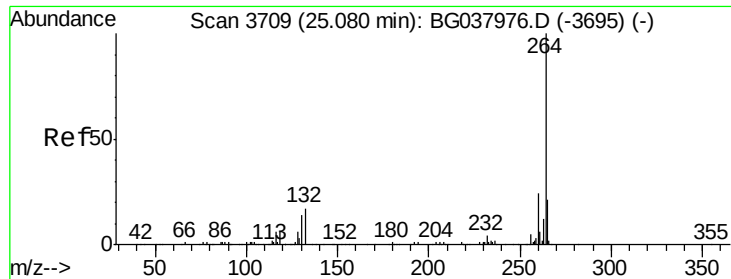
Tgt Ion:240 Resp: 238866
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.8 21.4 32.0



#79
Terphenyl-d14
Concen: 62.410 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Tgt Ion:244 Resp: 633555
Ion Ratio Lower Upper
244 100
212 7.8 6.5 9.7
122 10.3 9.0 13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038089.D
Acq: 20 Nov 2018 17:29

Instrument :
BNA_G
ClientSampleId :
20180923-SITE-WATER

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	20.4	17.9	26.9

