

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122118\
 Data File : BG038795.D
 Acq On : 21 Dec 2018 20:46
 Operator : JU/SJ
 Sample : J6496-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WATER-1

Quant Time: Dec 22 03:17:39 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

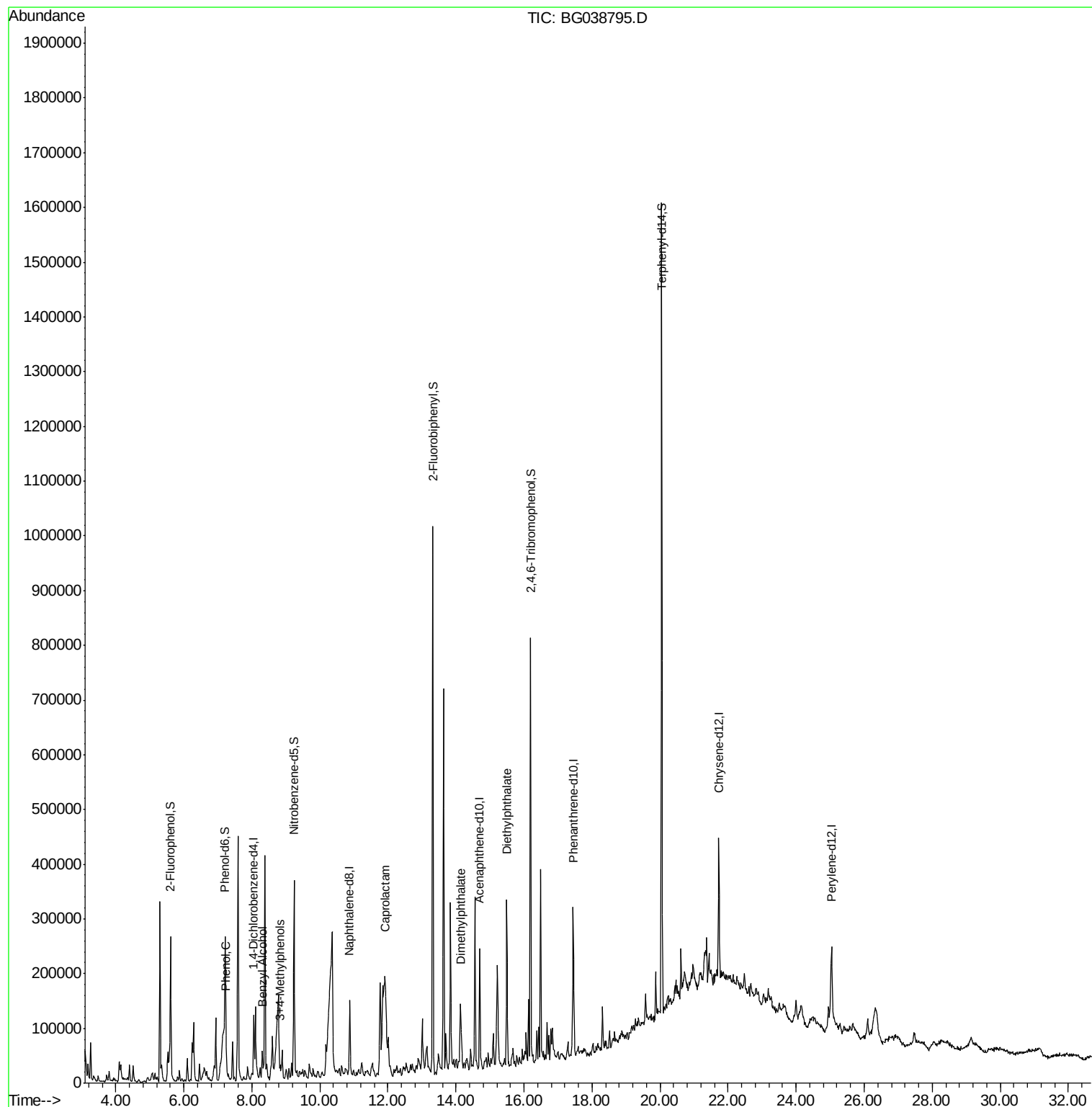
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	28100	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	116981	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	79622	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	170079	20.00	ng	0.00
76) Chrysene-d12	21.73	240	163200	20.00	ng	0.00
87) Perylene-d12	25.04	264	182223	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	100738	63.59	ng	0.00
7) Phenol-d6	7.22	99	88680	40.77	ng	0.01
23) Nitrobenzene-d5	9.24	82	196751	85.92	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	171146	155.97	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	526846	90.77	ng	0.00
79) Terphenyl-d14	20.05	244	746873	99.60	ng	0.00
Target Compounds						
10) Phenol	7.25	94	16316	7.061	ng	92
15) Benzyl Alcohol	8.31	79	12150	7.157	ng	94
20) 3+4-Methylphenols	8.83	107	6462	3.022	ng	92
35) Caprolactam	11.92	113	73320	93.725	ng	97
50) Dimethylphthalate	14.14	163	17124	2.634	ng	99
60) Diethylphthalate	15.49	149	105665	14.803	ng	97

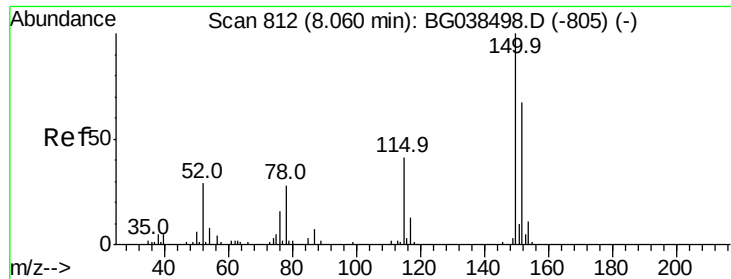
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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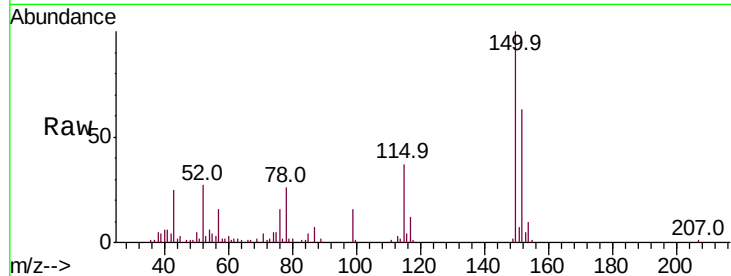


#1

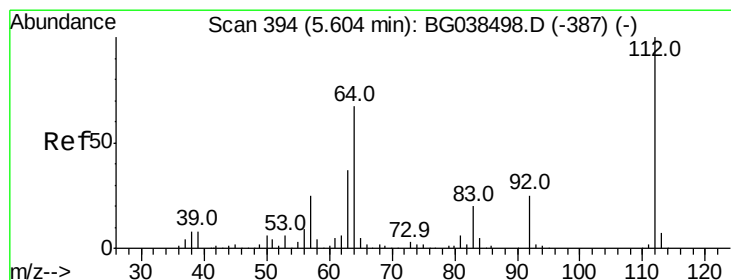
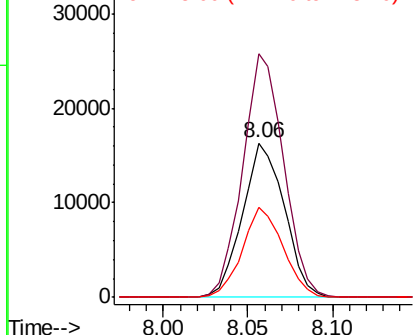
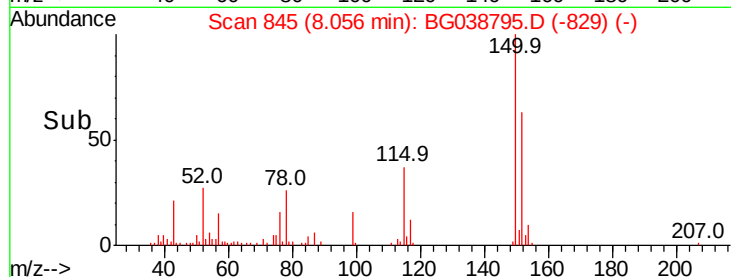
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

Instrument :
 BNA_G
 ClientSampleId :
 WATER-1

Tot Ion:152 Resp: 28100
 Ion Ratio Lower Upper
 152 100
 150 158.1 119.5 179.3
 115 58.5 49.6 74.4



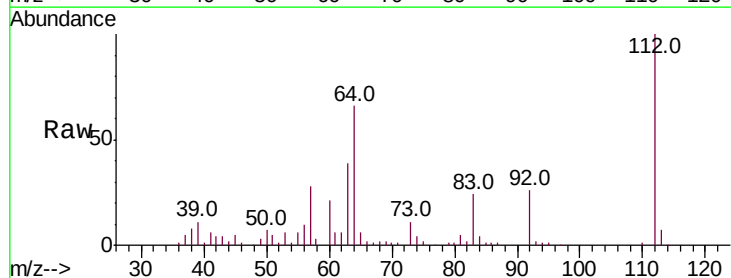
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



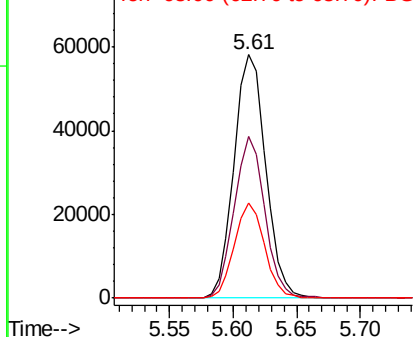
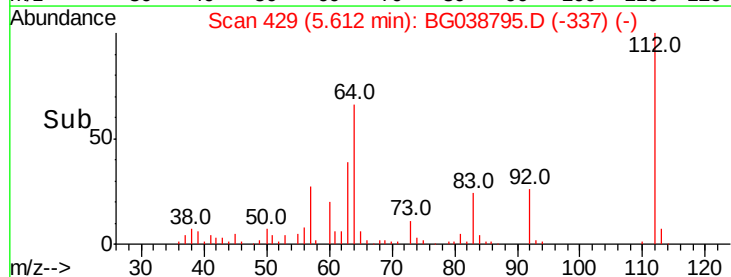
#5

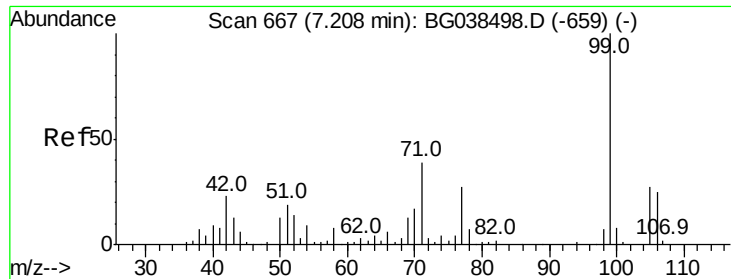
2-Fluorophenol
 Concen: 63.585 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

Tgt Ion:112 Resp: 100738
 Ion Ratio Lower Upper
 112 100
 64 66.4 53.4 80.2
 63 39.0 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: 40.774 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

Instrument :

BNA_G

ClientSampled :

WATER-1

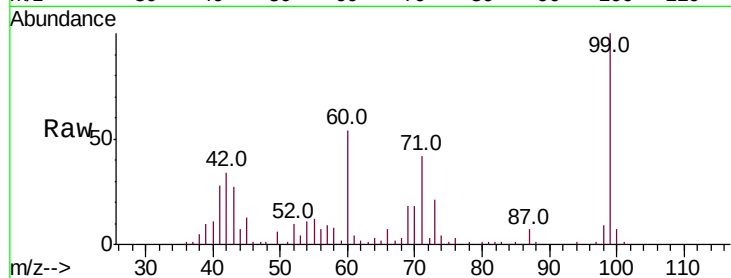
Tot Ion: 99 Resp: 88680

Ion Ratio Lower Upper

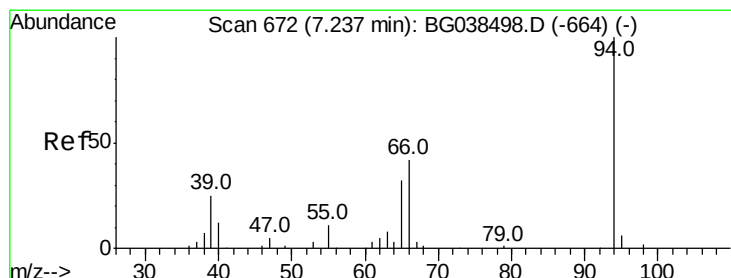
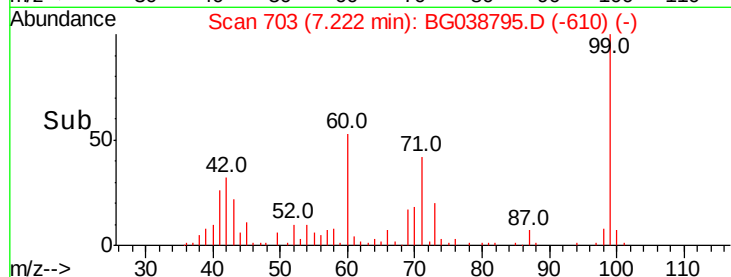
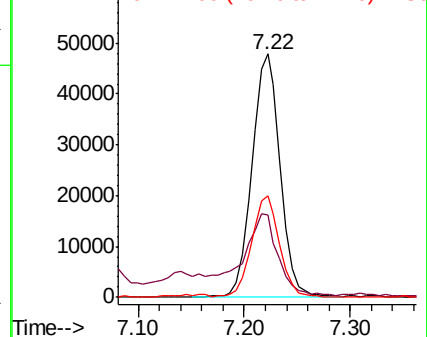
99 100

42 33.6 18.5 27.7#

71 41.7 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: 7.061 ng

RT: 7.25 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

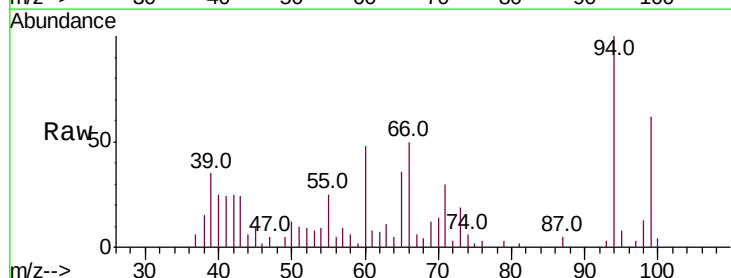
Tgt Ion: 94 Resp: 16316

Ion Ratio Lower Upper

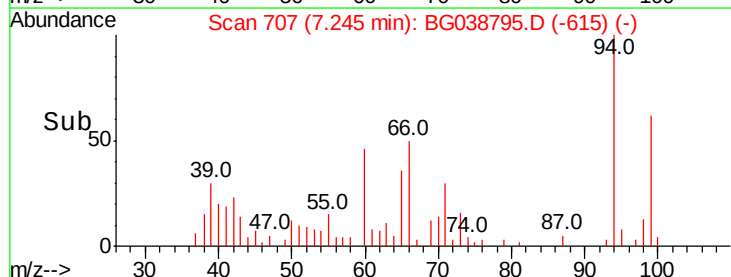
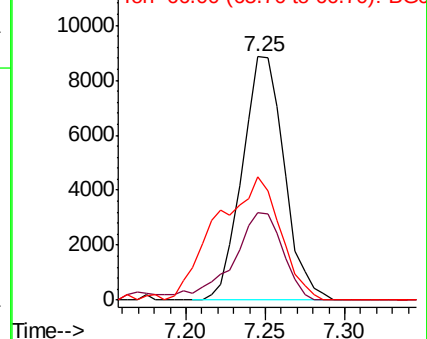
94 100

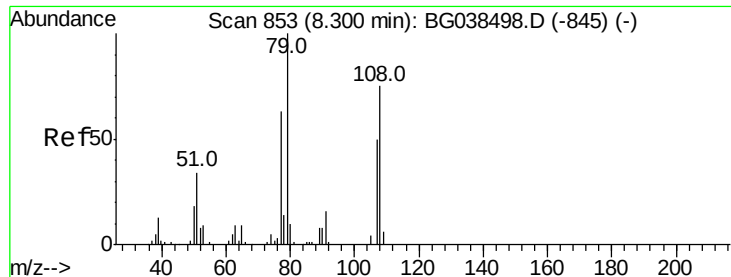
65 35.8 12.6 52.6

66 50.5 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

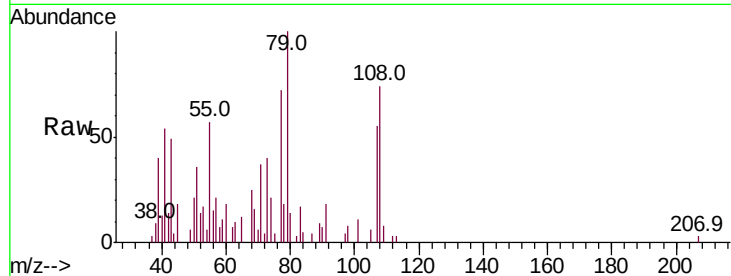




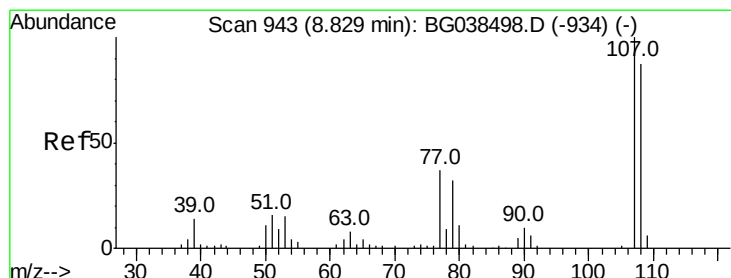
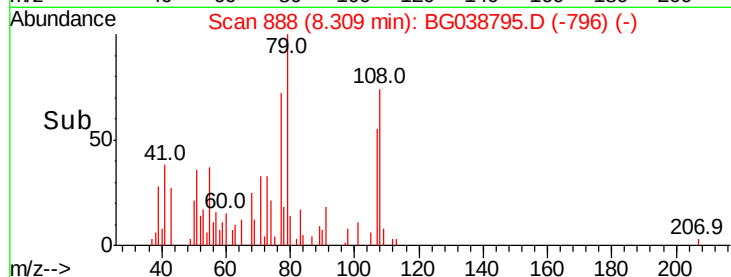
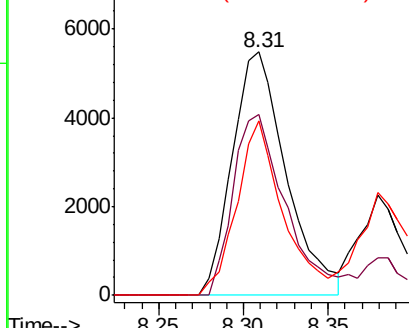
#15
Benzyl Alcohol
Concen: 7.157 ng
RT: 8.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

Instrument :
BNA_G
ClientSampleId :
WATER-1

Tot Ion: 79 Resp: 12150
Ion Ratio Lower Upper
79 100
108 74.3 60.2 90.4
77 71.8 50.7 76.1

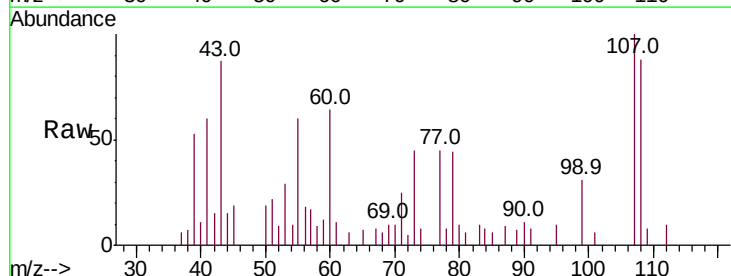


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

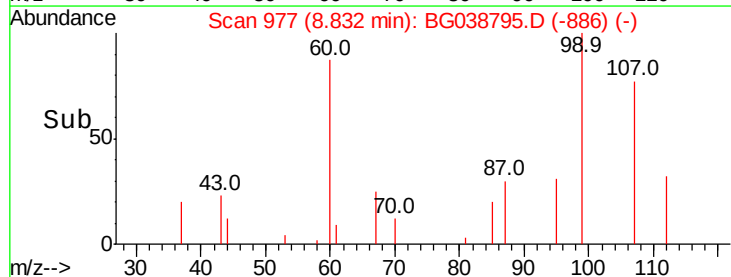
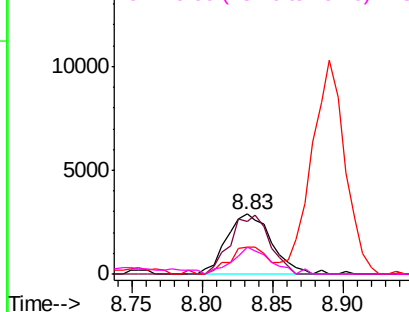


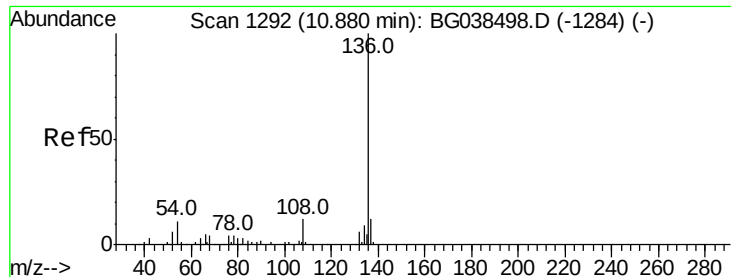
#20
3+4-Methylphenols
Concen: 3.022 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

Tgt Ion: 107 Resp: 6462
Ion Ratio Lower Upper
107 100
108 88.3 66.7 106.7
77 44.6 17.3 57.3
79 43.9 12.3 52.3



Abundance Ion 107.00 (106.70 to 107.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

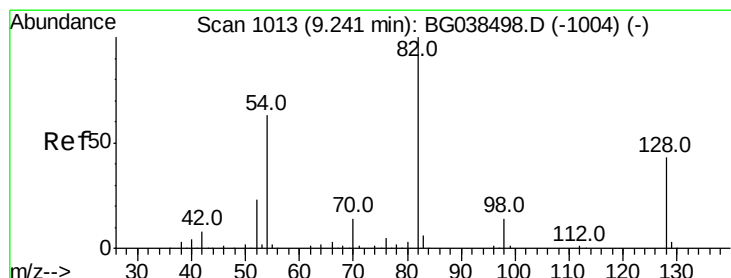
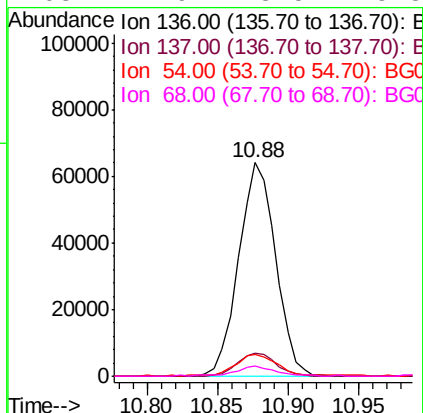
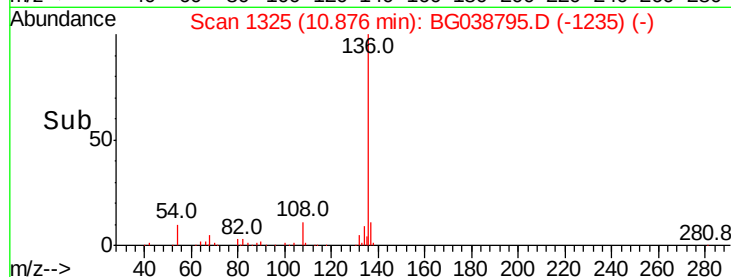
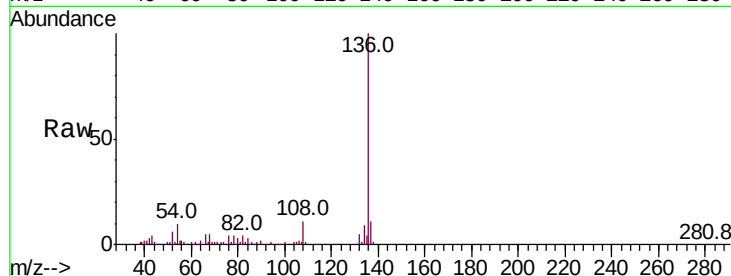




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

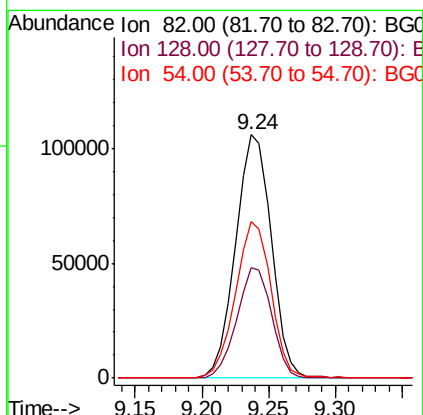
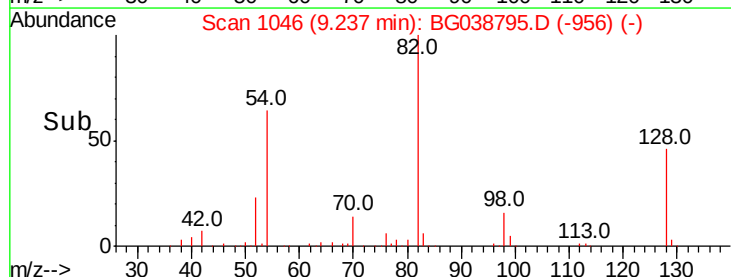
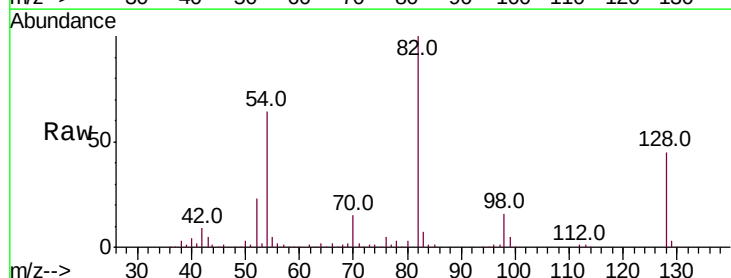
Instrument :
BNA_G
ClientSampleId :
WATER-1

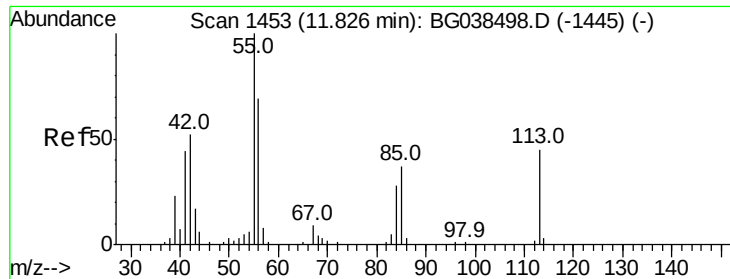
Tot Ion:136	Resp:	116981	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.3	13.9	
54 10.3	8.5	12.7	
68 4.9	3.5	5.3	



#23
Nitrobenzene-d5
Concen: 85.924 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

Tgt Ion: 82	Resp: 196751
Ion Ratio	Lower Upper
82 100	
128 45.1	34.6 52.0
54 64.1	50.6 76.0

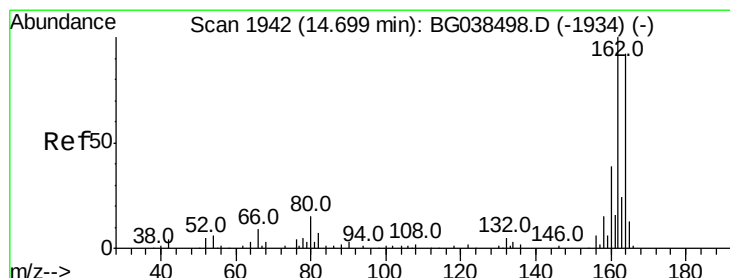
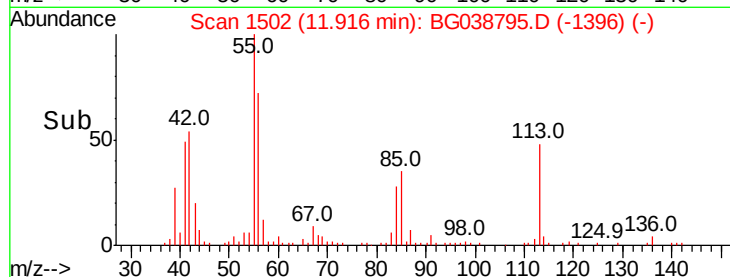
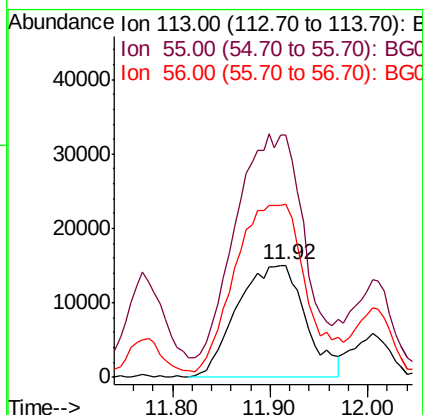
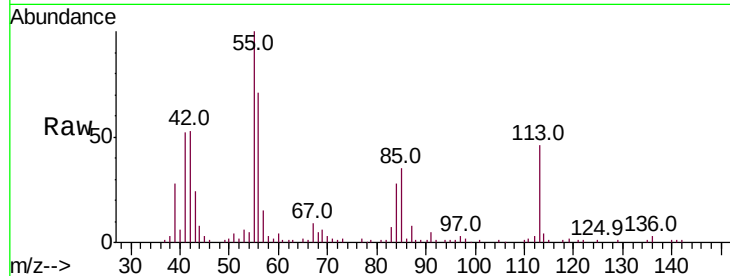




#35
 Caprolactam
 Concen: 93.725 ng
 RT: 11.92 min Scan# 1502
 Delta R.T. 0.09 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

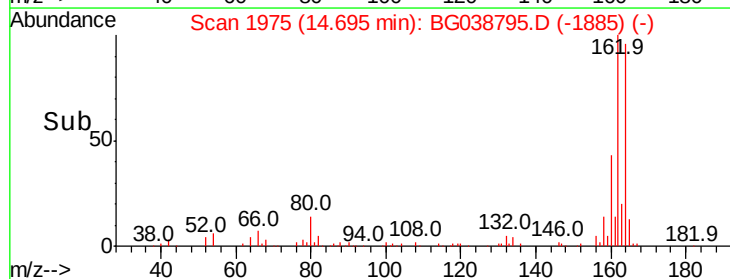
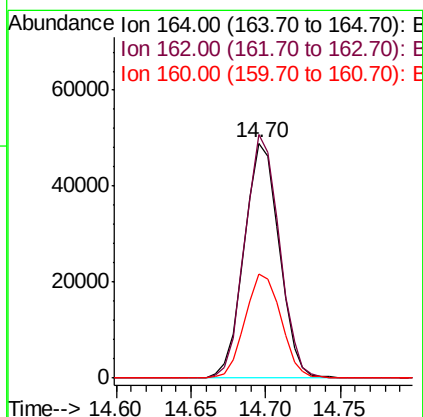
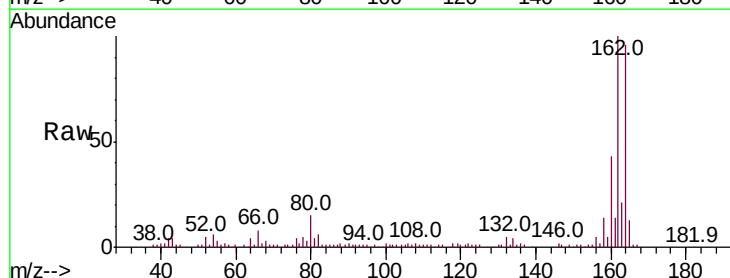
Instrument :
 BNA_G
 ClientSampleId :
 WATER-1

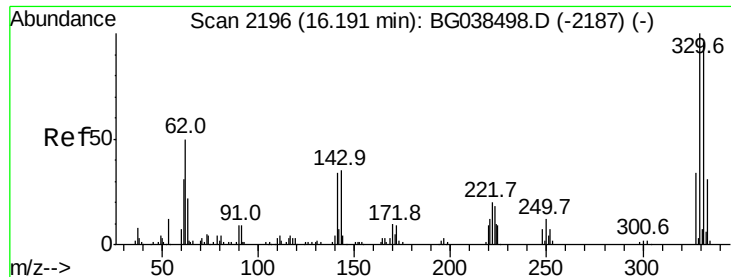
Tot Ion:113 Resp: 73320
 Ion Ratio Lower Upper
 113 100
 55 216.1 204.3 244.3
 56 154.0 135.0 175.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

Tgt Ion:164 Resp: 79622
 Ion Ratio Lower Upper
 164 100
 162 103.6 86.6 130.0
 160 44.3 34.2 51.2

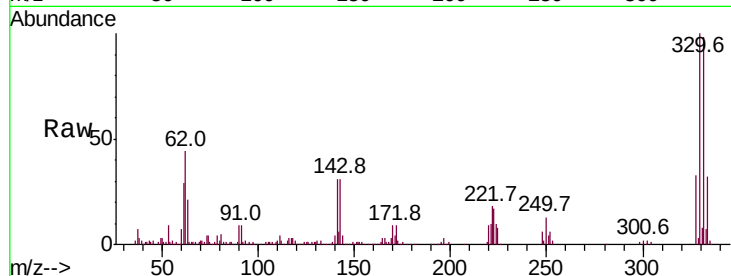




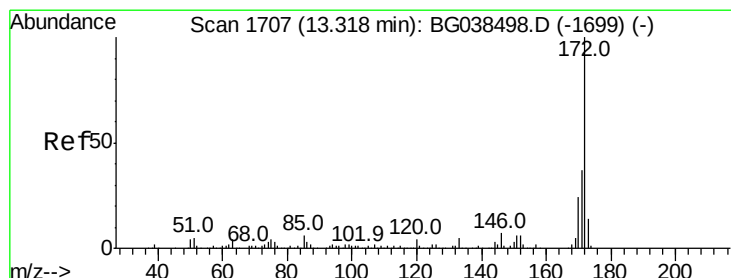
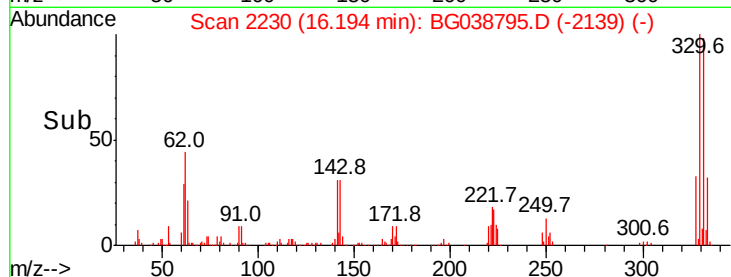
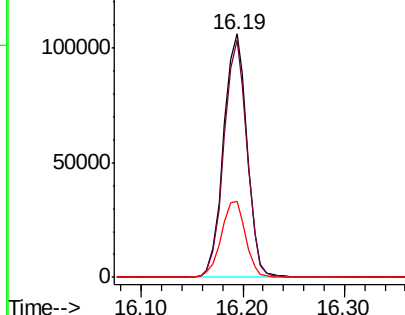
#42
 2,4,6-Tribromophenol
 Concen: 155.965 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. 0.00 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

Instrument :
 BNA_G
 ClientSampled :
 WATER-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	32.3	28.8	43.2

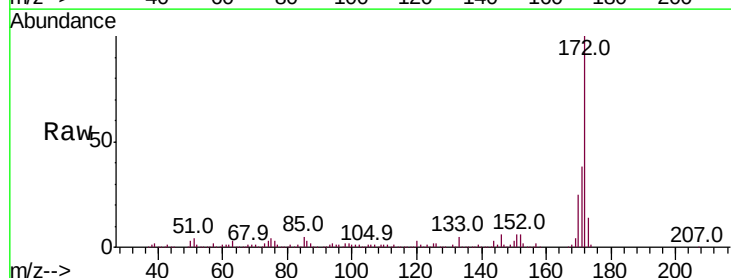


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

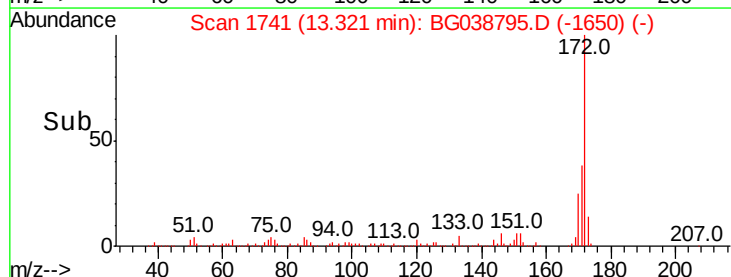
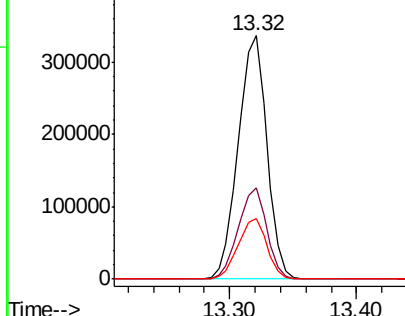


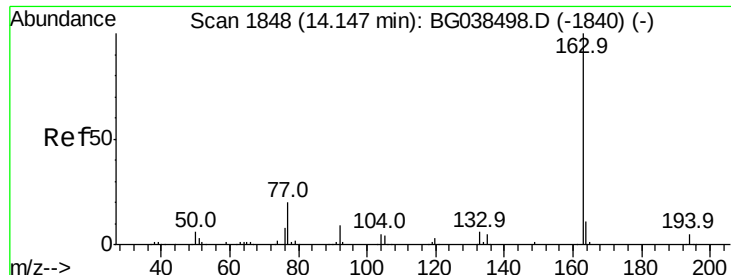
#45
 2-Fluorobiphenyl
 Concen: 90.773 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: BG038795.D
 Acq: 21 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	24.7	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

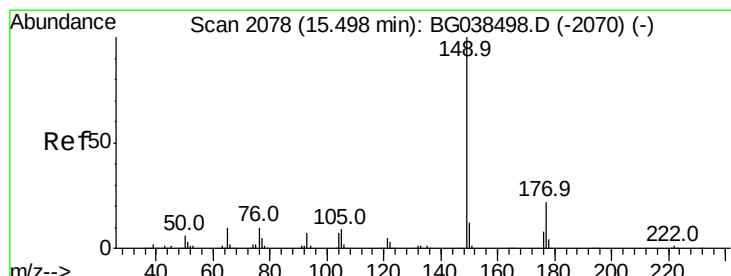
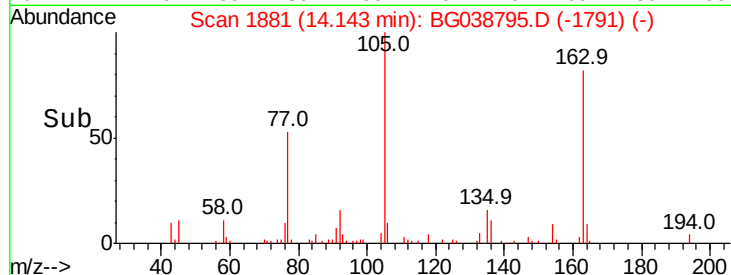
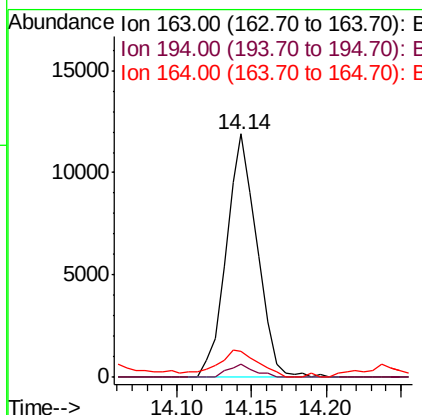
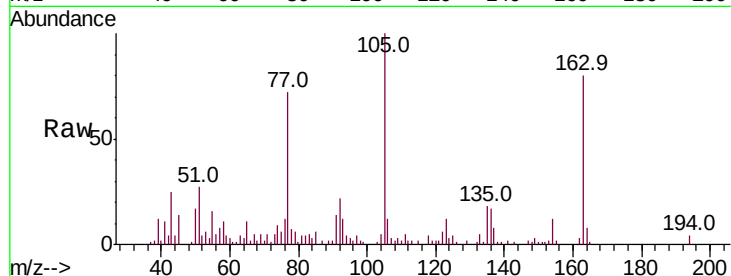




#50
Dimethylphthalate
Concen: 2.634 ng
RT: 14.14 min Scan# 1881
Delta R.T. -0.00 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

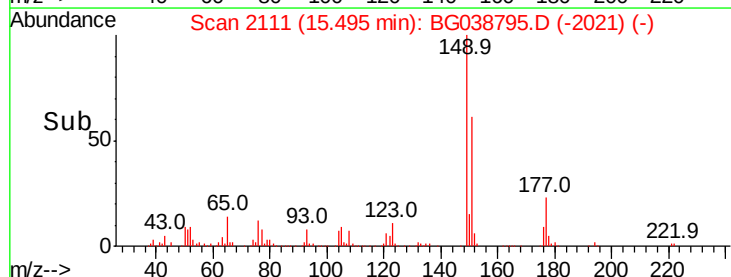
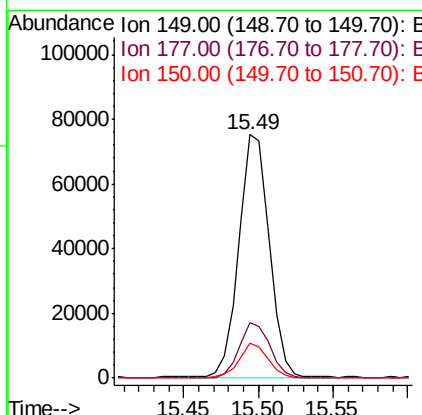
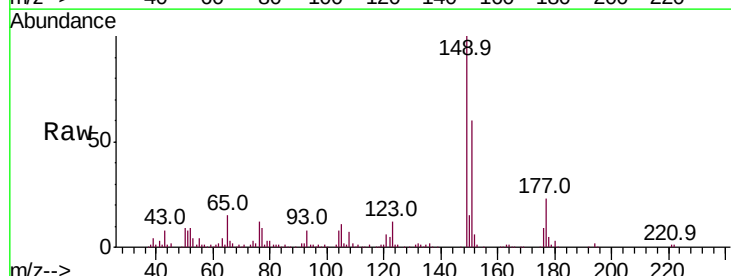
Instrument :
BNA_G
ClientSampleId :
WATER-1

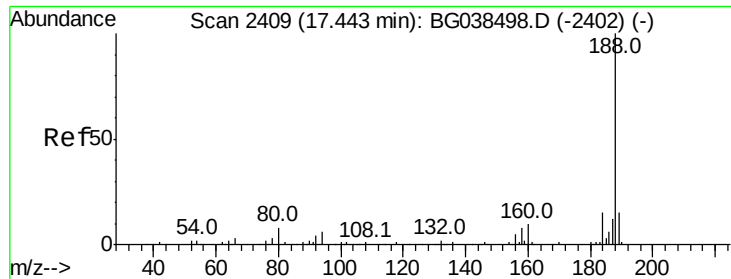
Tot Ion:163 Resp: 17124
Ion Ratio Lower Upper
163 100
194 5.4 3.7 5.5
164 10.5 8.6 12.8



#60
Diethylphthalate
Concen: 14.803 ng
RT: 15.49 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG038795.D
Acq: 21 Dec 2018 20:46

Tgt Ion:149 Resp: 105665
Ion Ratio Lower Upper
149 100
177 22.8 17.7 26.5
150 14.6 9.9 14.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

Instrument :

BNA_G

ClientSampled :

WATER-1

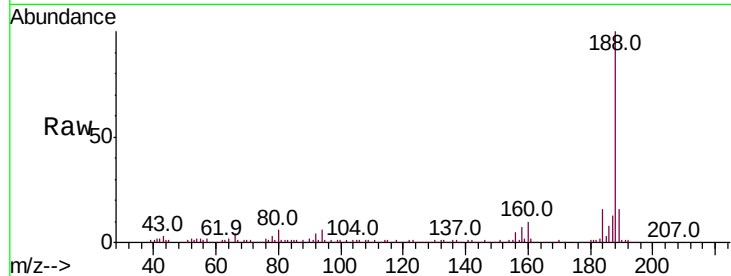
Tot Ion:188 Resp: 170079

Ion Ratio Lower Upper

188 100

94 5.6 5.1 7.7

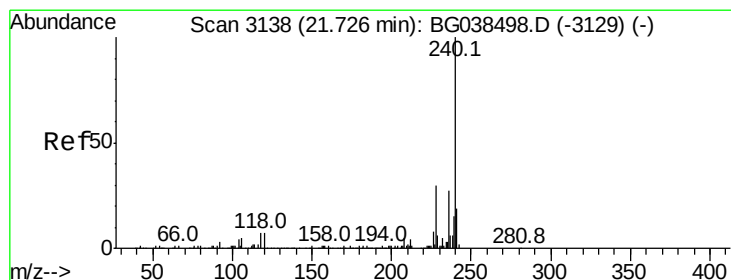
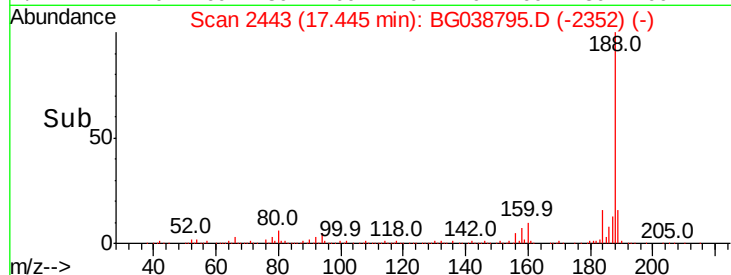
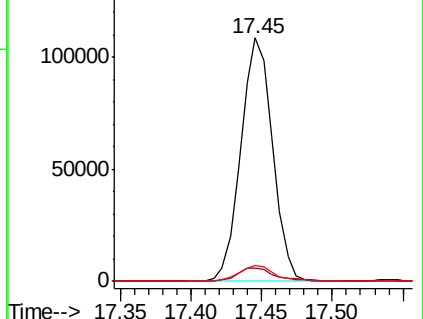
80 6.2 6.1 9.1



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: 21.73 min Scan# 3172

Delta R.T. 0.00 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

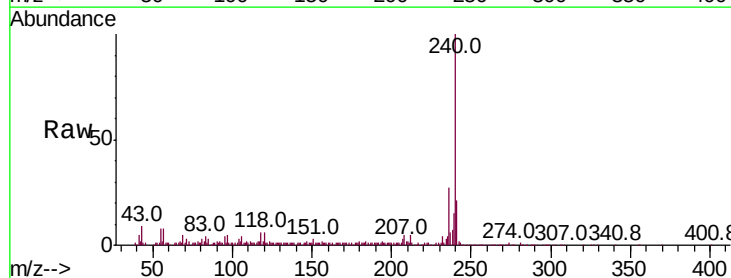
Tgt Ion:240 Resp: 163200

Ion Ratio Lower Upper

240 100

120 5.6 5.3 7.9

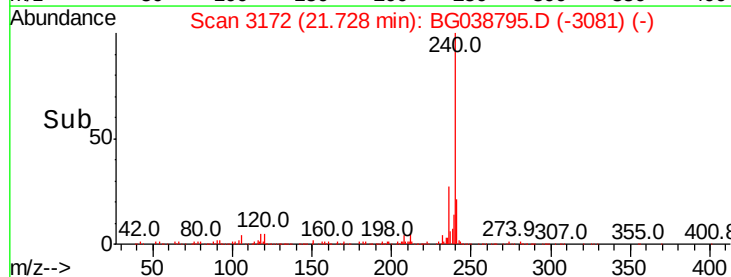
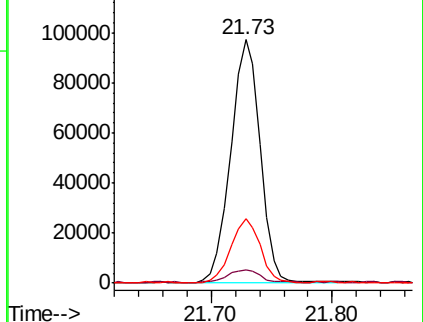
236 26.6 21.4 32.2

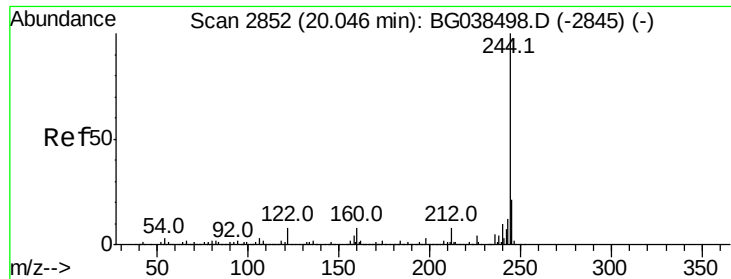


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.598 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

Instrument :

BNA_G

ClientSampleId :

WATER-1

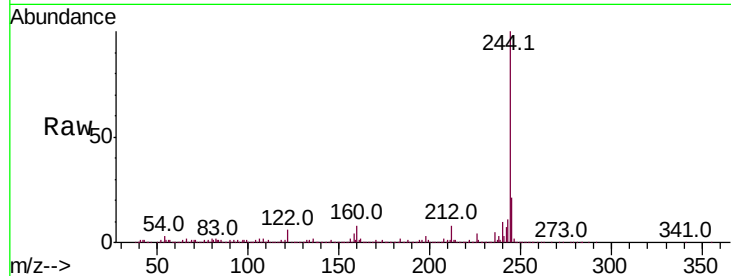
Tot Ion:244 Resp: 746873

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

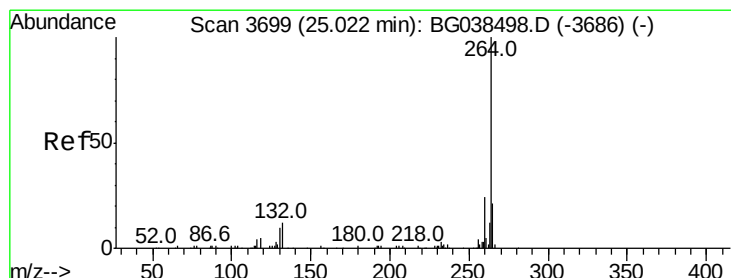
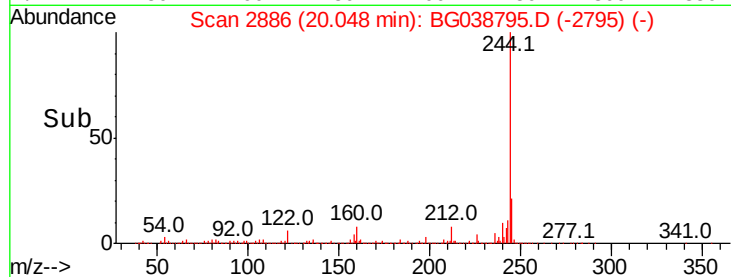
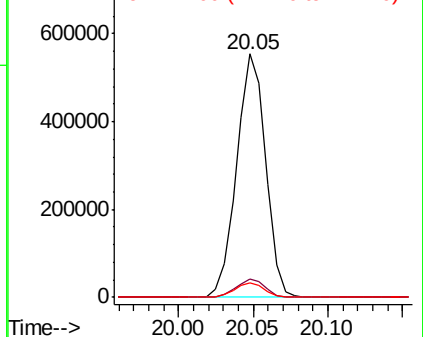
122 6.0 6.3 9.5#



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

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3736

Delta R.T. 0.02 min

Lab File: BG038795.D

Acq: 21 Dec 2018 20:46

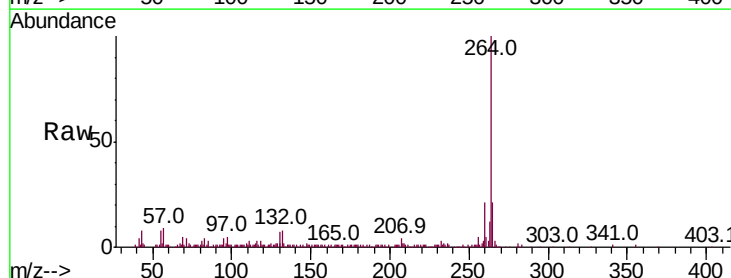
Tgt Ion:264 Resp: 182223

Ion Ratio Lower Upper

264 100

260 21.3 18.9 28.3

265 21.3 17.0 25.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

