

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041916\
 Data File : BG021740.D
 Acq On : 18 Apr 2016 16:19
 Operator : UM/SJ
 Sample : H1824-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

Quant Time: Apr 19 03:35:49 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

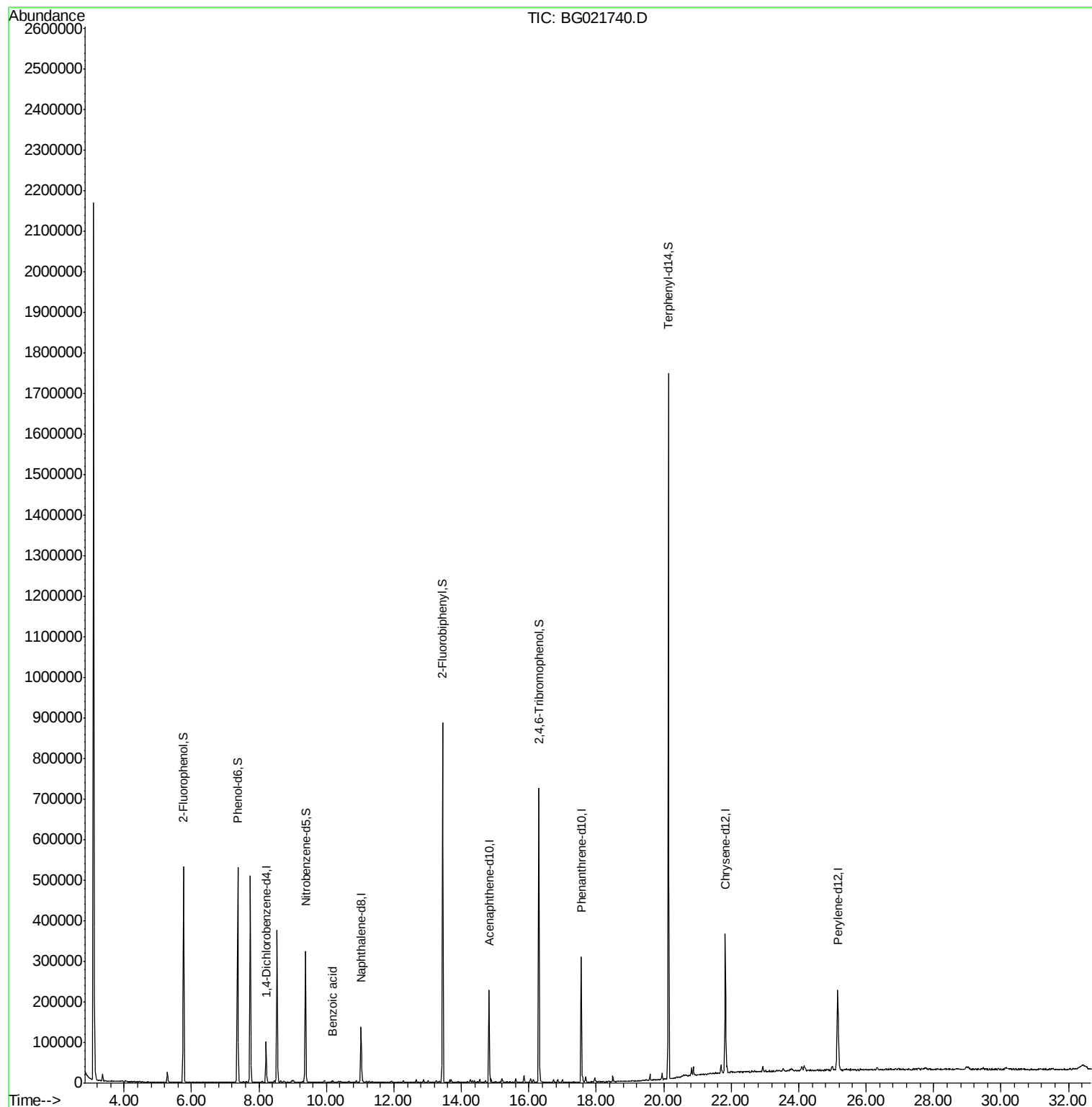
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27550	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	119108	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	77949	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	193734	20.00	ng	-0.01
75) Chrysene-d12	21.83	240	214816	20.00	ng	0.00
86) Perylene-d12	25.16	264	208347	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	235842	142.55	ng	0.00
7) Phenol-d6	7.36	99	333613	135.00	ng	0.00
23) Nitrobenzene-d5	9.38	82	198636	85.72	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	132938	158.24	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	473372	88.98	ng	-0.01
78) Terphenyl-d14	20.14	244	757092	87.94	ng	0.00
Target Compounds						
32) Benzoic acid	10.18	122	1784	5.94	ng	Qvalue # 9

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

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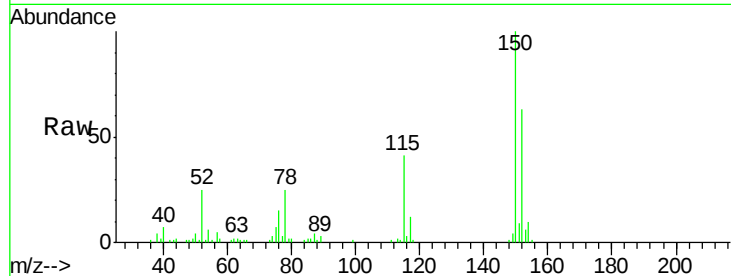


#1

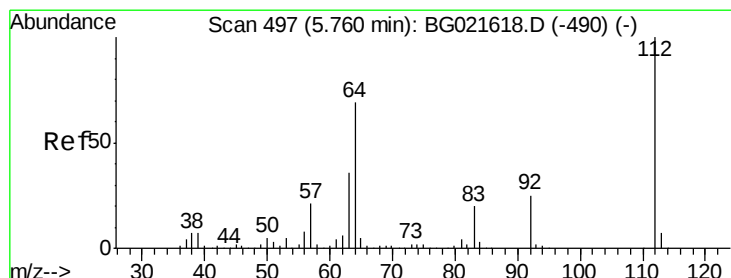
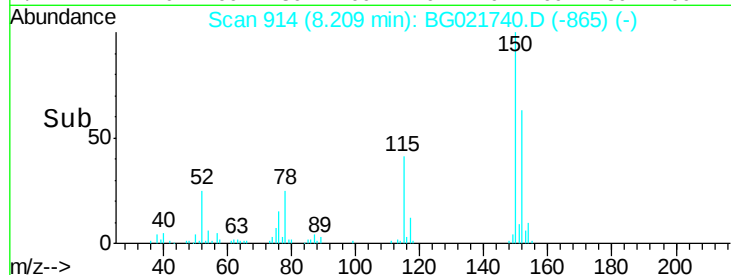
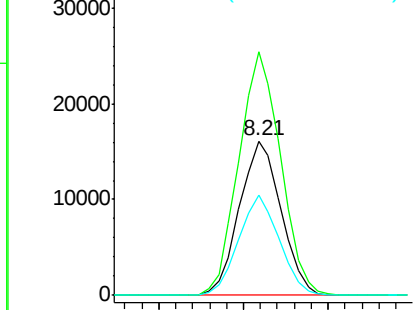
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 914
Delta R.T. -0.01 min
Lab File: BG021740.D
Acq: 18 Apr 2016 16:19

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LOD-WATER2016-01

Tgt Ion:152 Resp: 27550
Ion Ratio Lower Upper
152 100
150 157.8 130.1 195.1
115 65.1 62.2 93.2



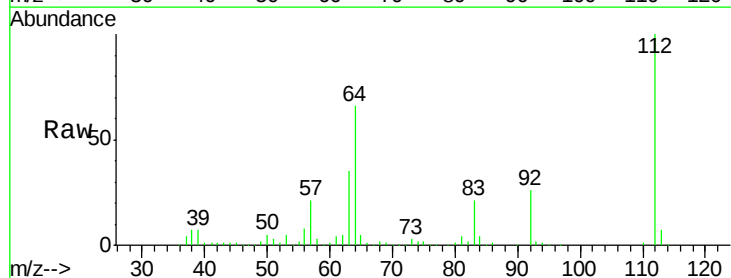
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



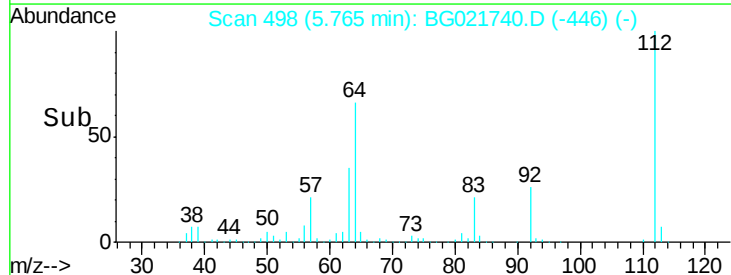
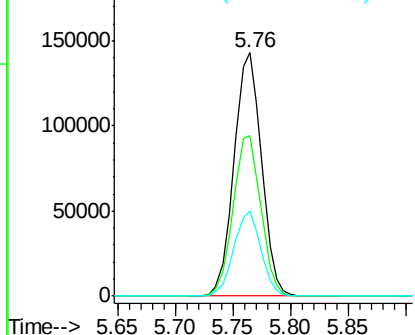
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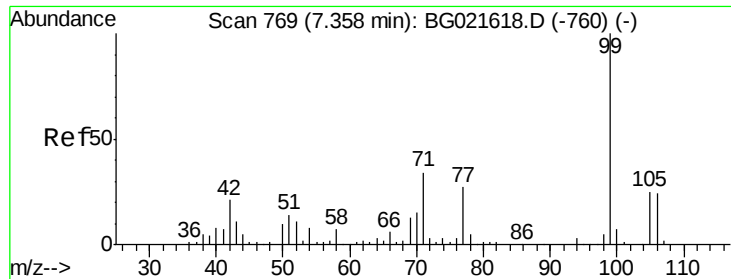
2-Fluorophenol
Concen: 142.55 ng
RT: 5.76 min Scan# 498
Delta R.T. 0.01 min
Lab File: BG021740.D
Acq: 18 Apr 2016 16:19

Tgt Ion:112 Resp: 235842
Ion Ratio Lower Upper
112 100
64 66.2 51.1 76.7
63 35.0 24.6 37.0



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: 135.00 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021740.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

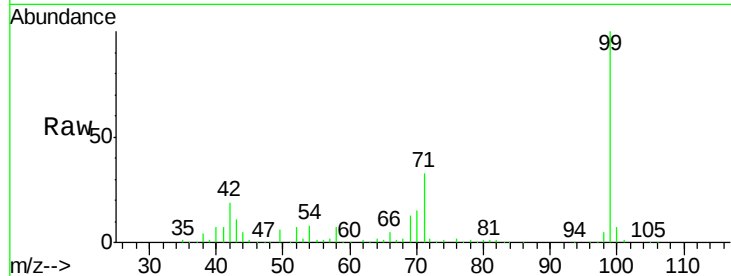
Tgt Ion: 99 Resp: 333613

Ion Ratio Lower Upper

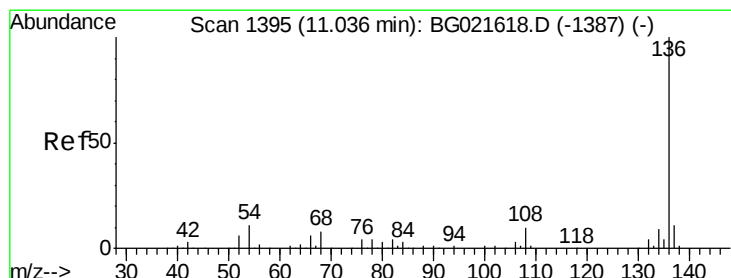
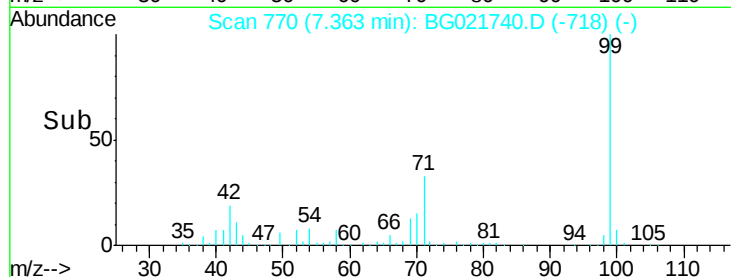
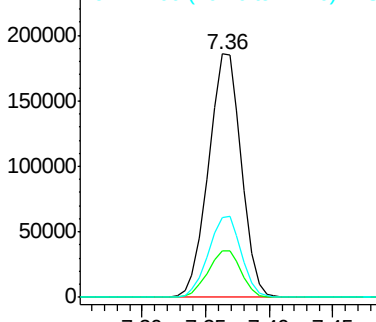
99 100

42 18.8 16.4 24.6

71 33.0 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021740.D

Acq: 18 Apr 2016 16:19

Tgt Ion: 136 Resp: 119108

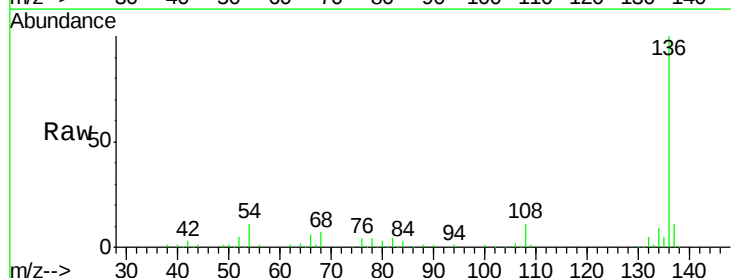
Ion Ratio Lower Upper

136 100

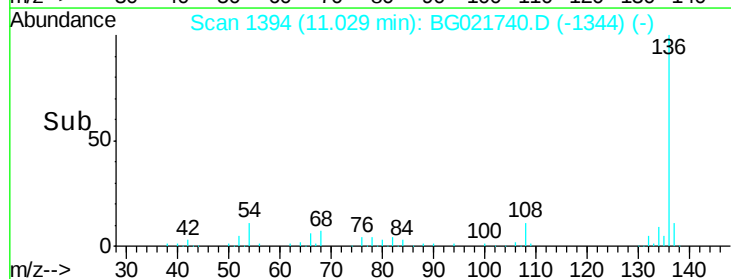
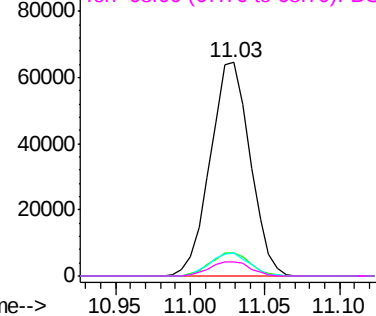
137 10.6 9.0 13.4

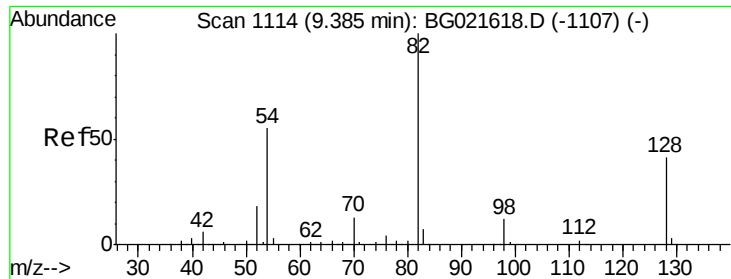
54 10.7 9.6 14.4

68 6.7 6.4 9.6



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

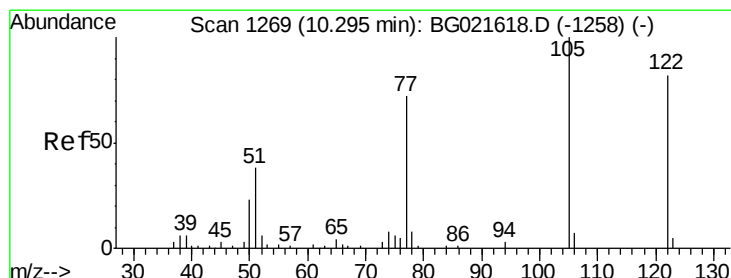
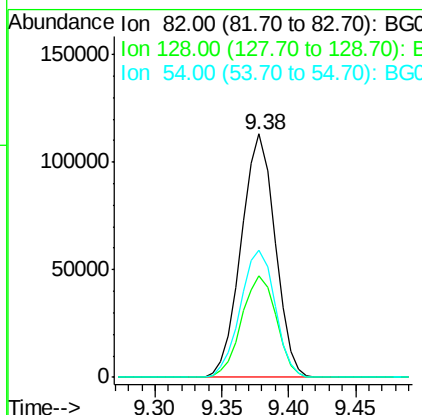
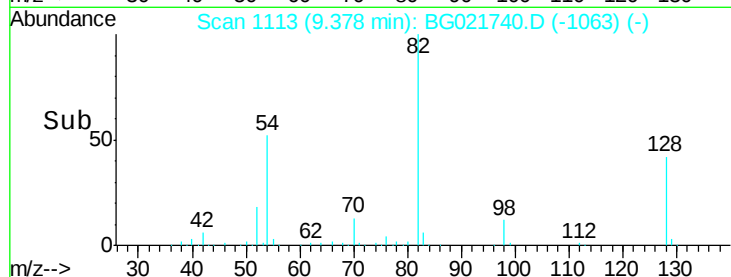
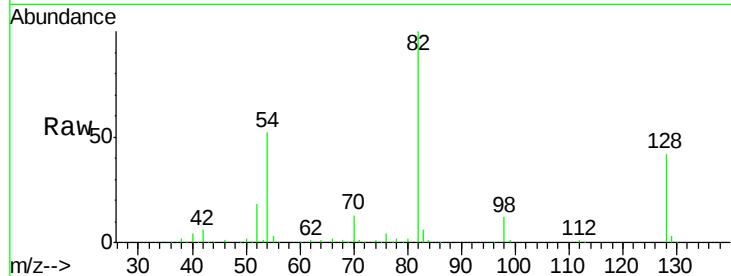




#23
 Nitrobenzene-d5
 Concen: 85.72 ng
 RT: 9.38 min Scan# 1113
 Delta R.T. -0.01 min
 Lab File: BG021740.D
 Acq: 18 Apr 2016 16:19

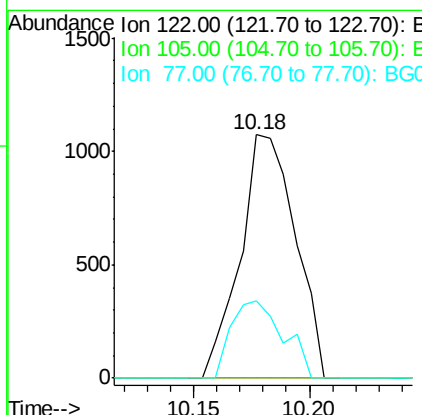
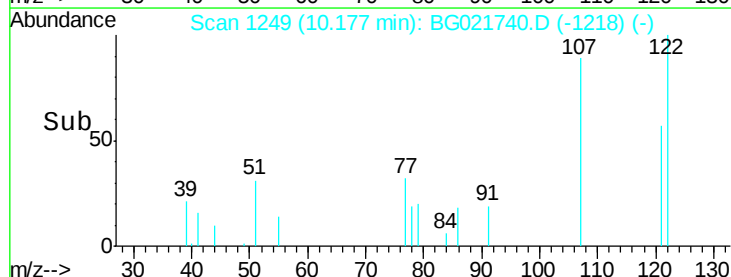
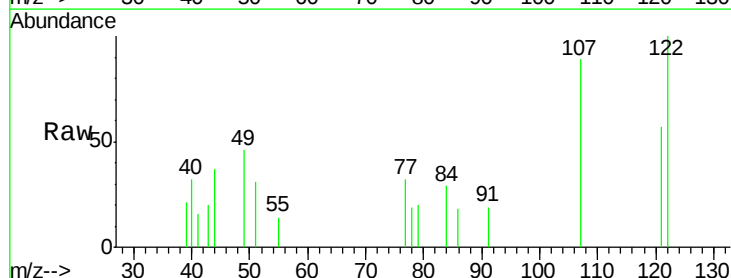
Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER2016-01

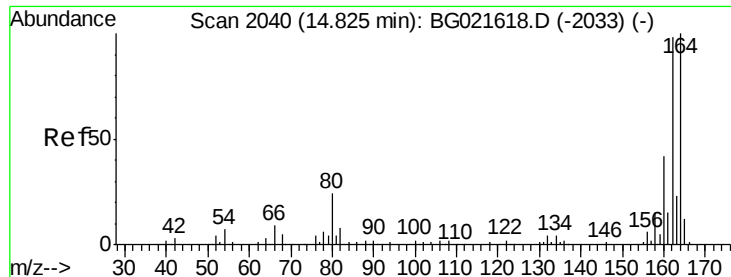
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	33.4	50.0
54	52.4	46.1	69.1



#32
 Benzoic acid
 Concen: 5.94 ng
 RT: 10.18 min Scan# 1249
 Delta R.T. -0.12 min
 Lab File: BG021740.D
 Acq: 18 Apr 2016 16:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	104.5	144.5#
77	31.6	79.9	119.9#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021740.D

Acq: 18 Apr 2016 16:19

Instrument :

BNA_G

ClientSampleId :

LOD-WATER2016-01

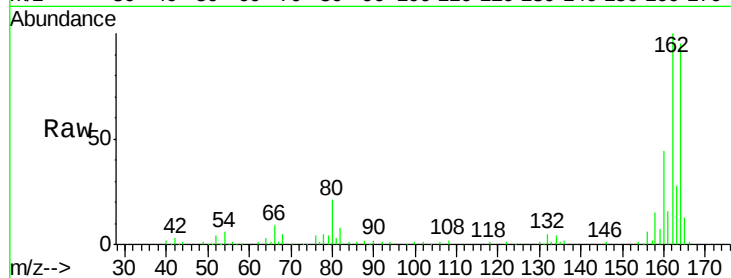
Tgt Ion:164 Resp: 77949

Ion Ratio Lower Upper

164 100

162 104.7 78.0 117.0

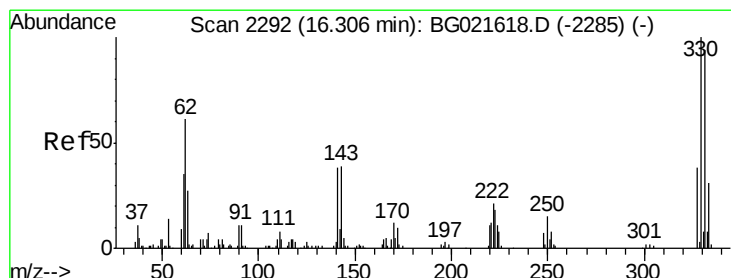
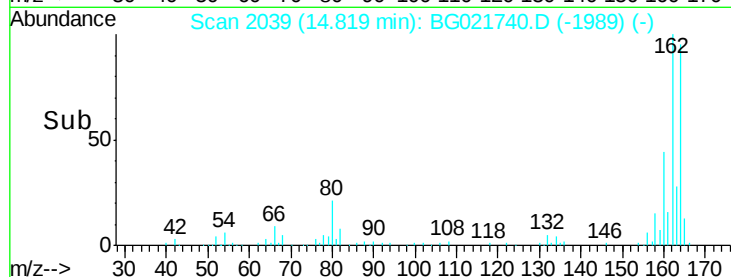
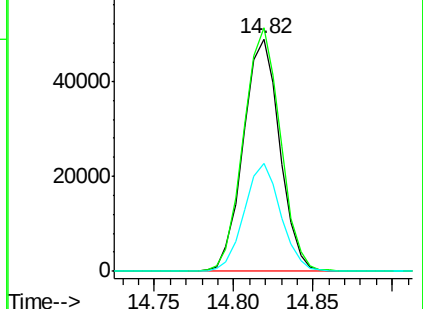
160 46.2 32.9 49.3



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



#41

2,4,6-Tribromophenol

Concen: 158.24 ng

RT: 16.30 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG021740.D

Acq: 18 Apr 2016 16:19

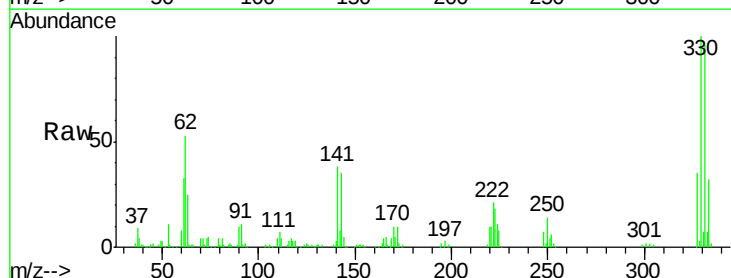
Tgt Ion:330 Resp: 132938

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

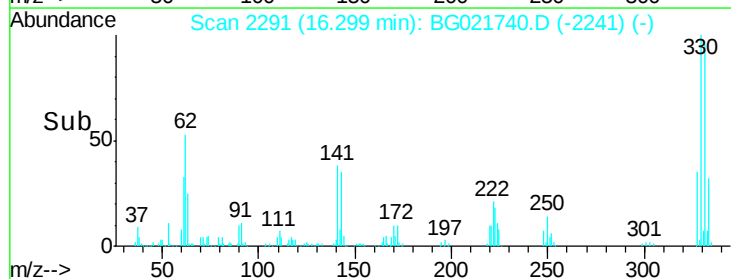
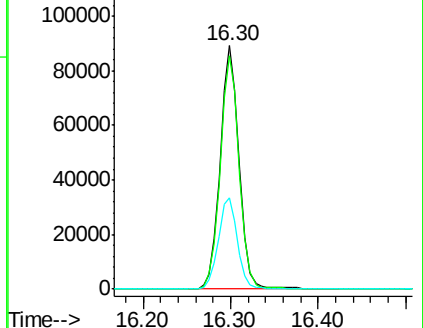
141 38.1 33.8 50.8

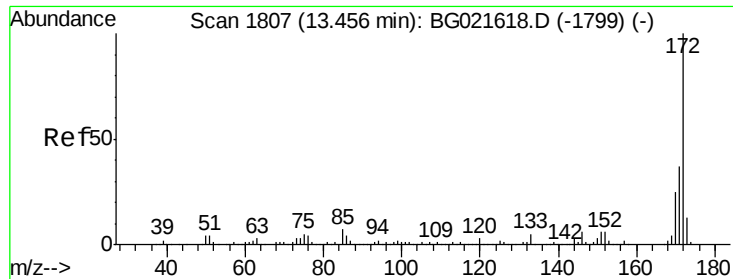


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

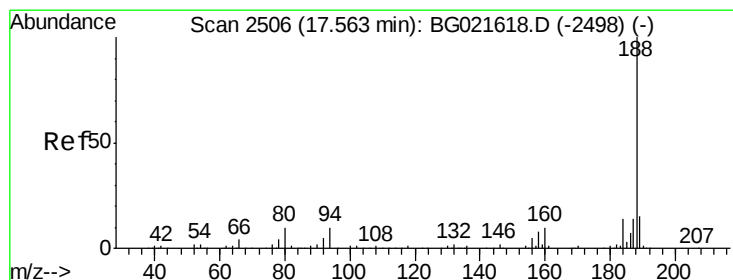
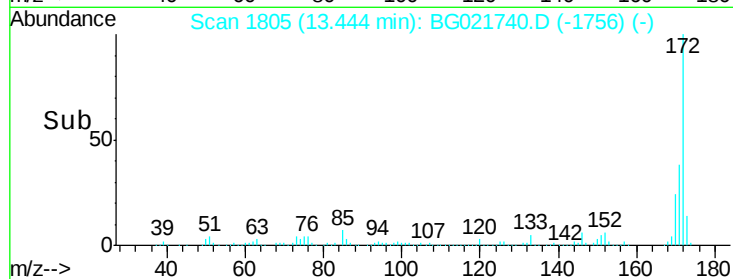
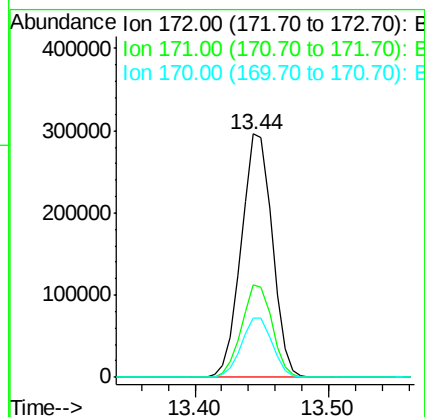
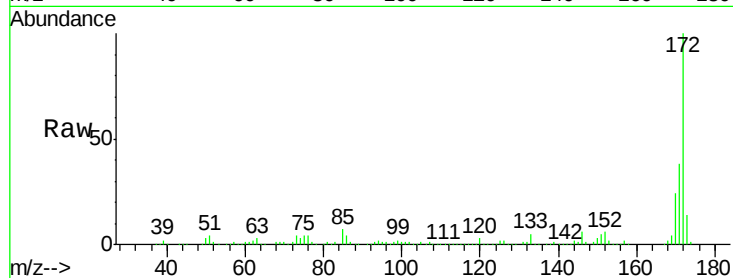




#44
 2-Fluorobiphenyl
 Concen: 88.98 ng
 RT: 13.44 min Scan# 1805
 Delta R.T. -0.01 min
 Lab File: BG021740.D
 Acq: 18 Apr 2016 16:19

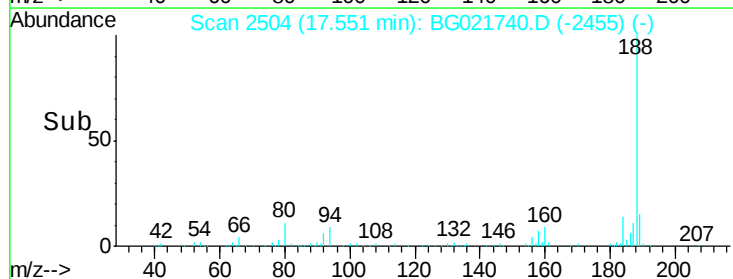
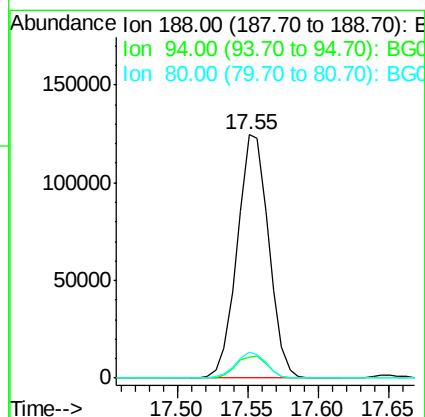
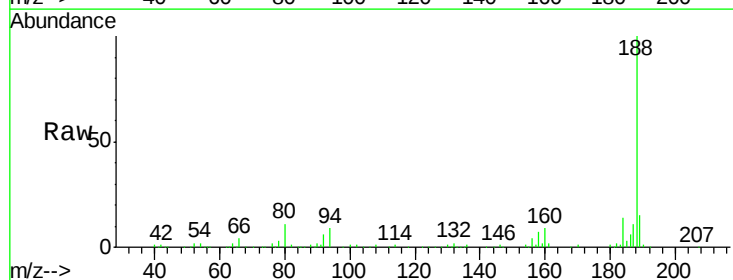
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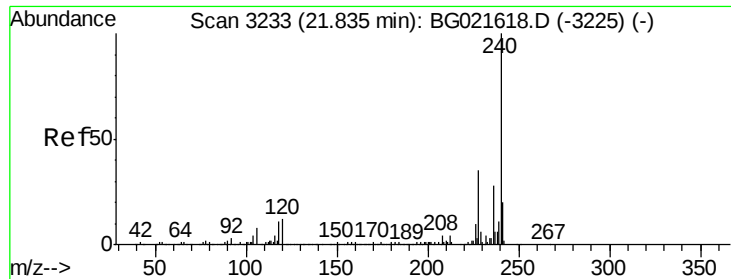
Tgt Ion:172 Resp: 473372
 Ion Ratio Lower Upper
 172 100
 171 37.8 27.8 41.6
 170 24.3 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG021740.D
 Acq: 18 Apr 2016 16:19

Tgt Ion:188 Resp: 193734
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.5 11.3
 80 10.8 8.6 13.0

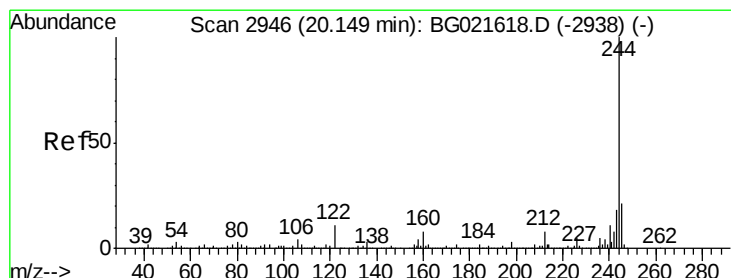
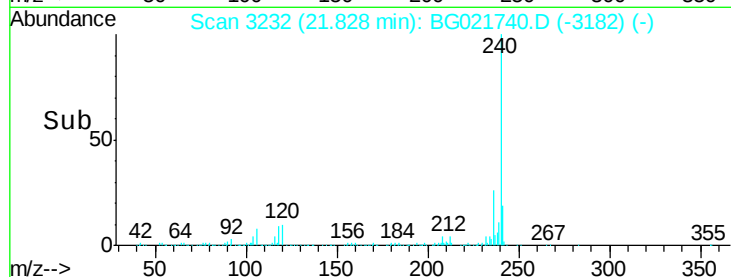
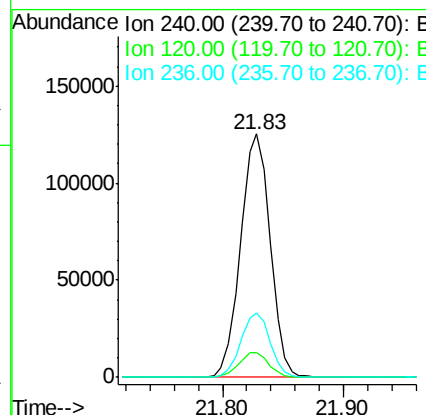
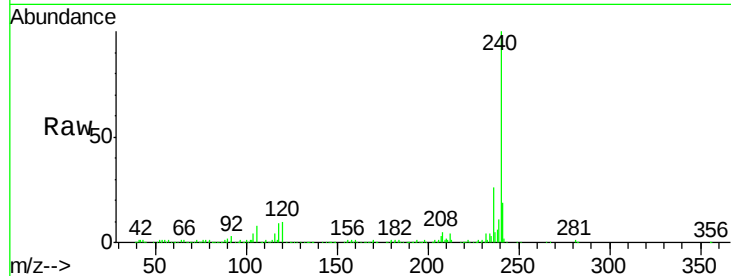




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.83 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021740.D
Acq: 18 Apr 2016 16:19

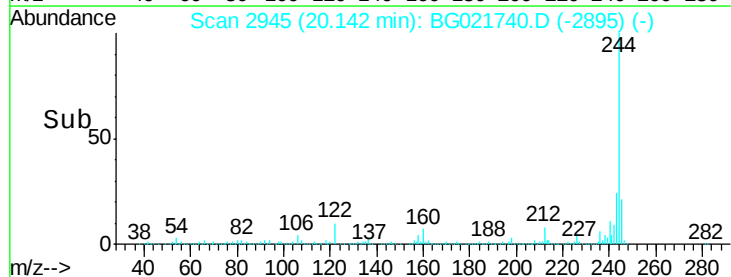
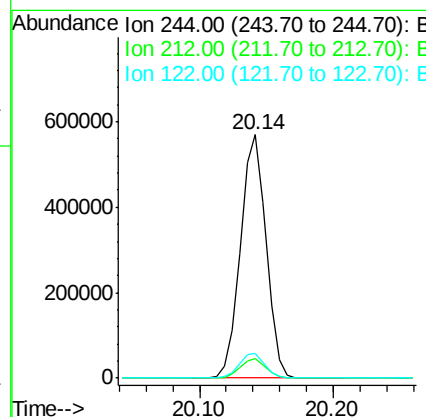
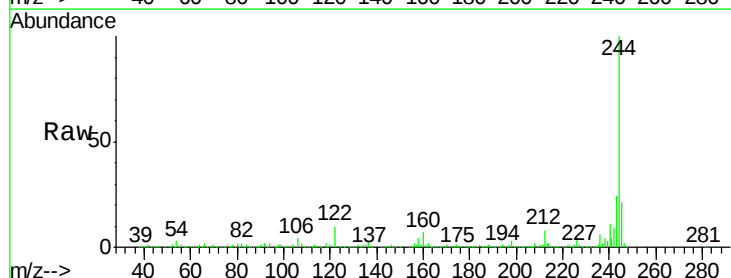
Instrument :
BNA_G
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LOD-WATER2016-01

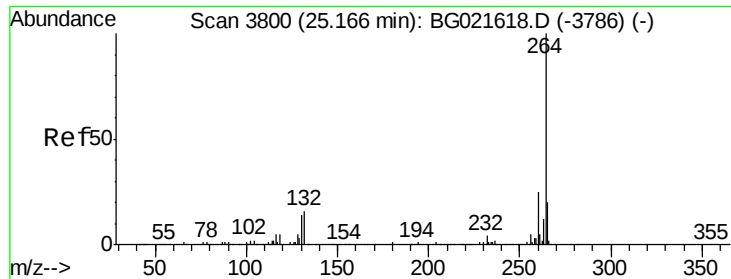
Tgt Ion:240 Resp: 214816
Ion Ratio Lower Upper
240 100
120 10.1 8.4 12.6
236 26.3 19.6 29.4



#78
Terphenyl-d14
Concen: 87.94 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.01 min
Lab File: BG021740.D
Acq: 18 Apr 2016 16:19

Tgt Ion:244 Resp: 757092
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.1 8.6 12.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.16 min Scan# 3799
Delta R.T. -0.01 min
Lab File: BG021740.D
Acq: 18 Apr 2016 16:19

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2016-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.2	30.4
265	22.4	17.8	26.8

