

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
 Data File : BG027937.D
 Acq On : 14 Jul 2017 22:59
 Operator : SJ/JU
 Sample : I3757-05
 Misc : 08PPM LOD
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Quant Time: Jul 14 23:45:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 16:10:34 2017
 Response via : Initial Calibration

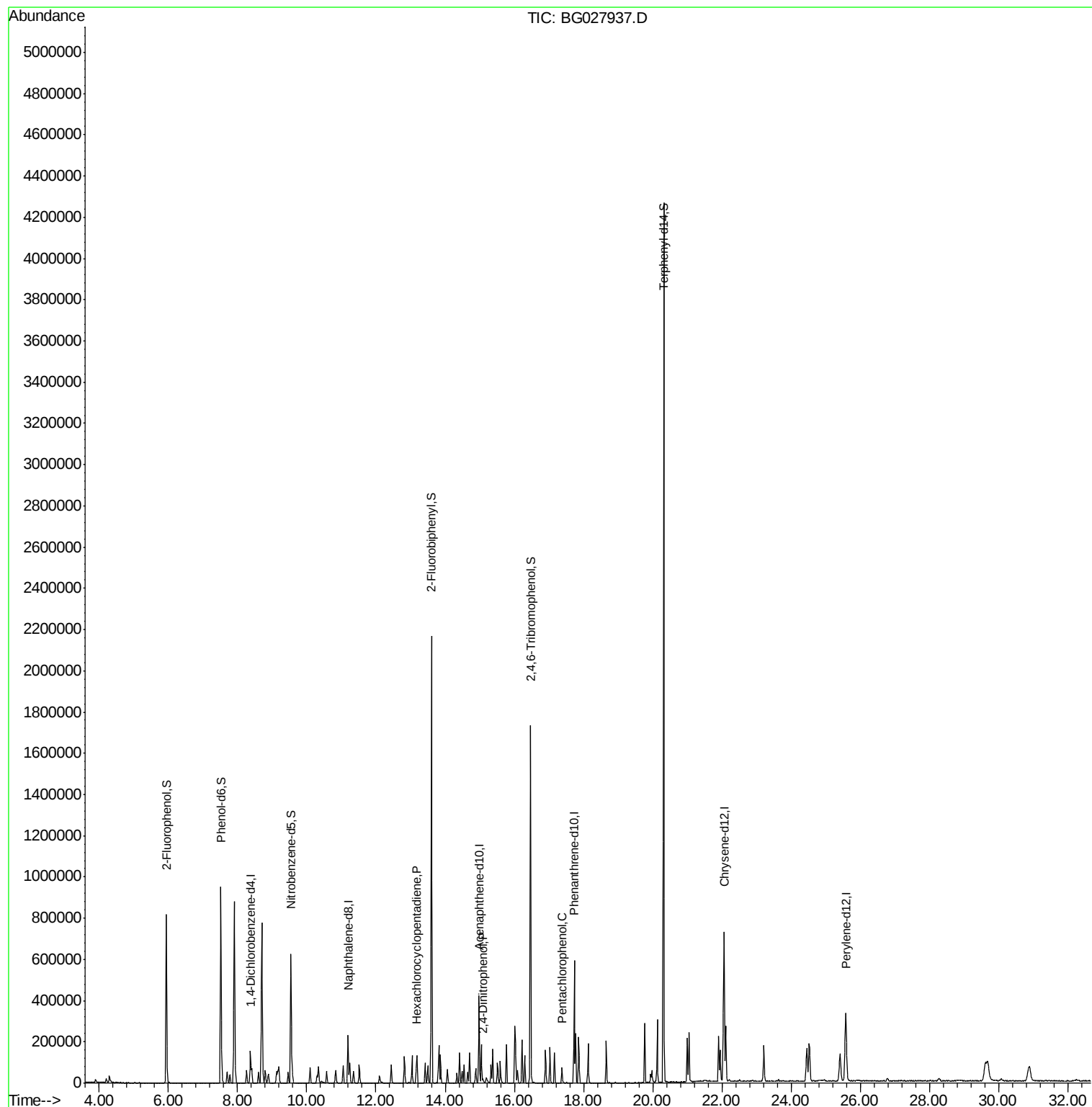
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	46987	20.00	ng	0.00
21) Naphthalene-d8	11.19	136	213285	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	150979	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	394263	20.00	ng	0.00
75) Chrysene-d12	22.06	240	473341	20.00	ng	0.00
86) Perylene-d12	25.58	264	426326	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.94	112	373066	142.02	ng	0.00
7) Phenol-d6	7.52	99	522515	138.06	ng	0.00
23) Nitrobenzene-d5	9.54	82	379474	99.41	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	362692	162.10	ng	0.00
44) 2-Fluorobiphenyl	13.61	172	1199290	104.76	ng	0.00
78) Terphenyl-d14	20.32	244	1994170	95.26	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.16	237	16310	5.854	ng	98
53) 2,4-Dinitrophenol	15.09	184	7705	10.969	ng	90
69) Pentachlorophenol	17.38	266	17836	10.943	ng	96

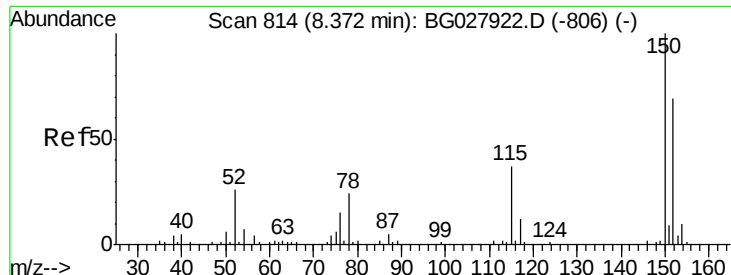
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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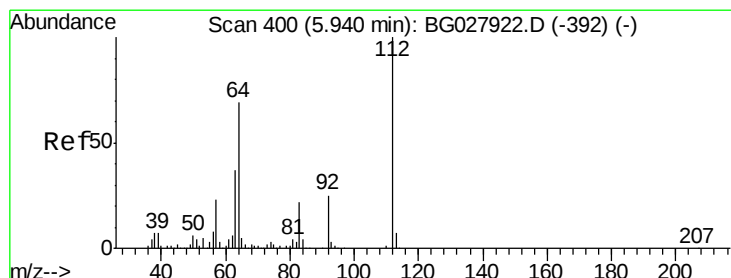
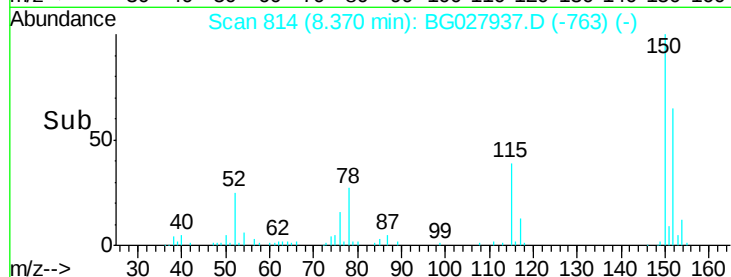
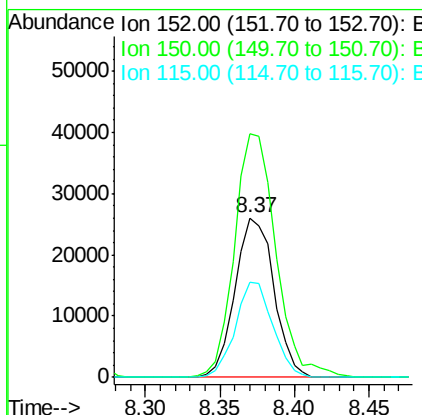
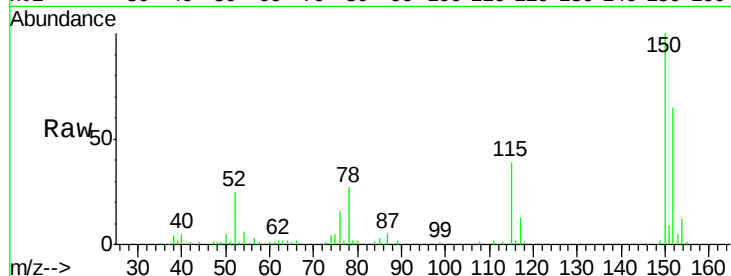


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.37 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

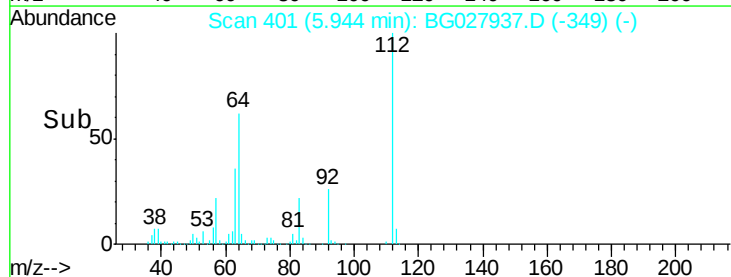
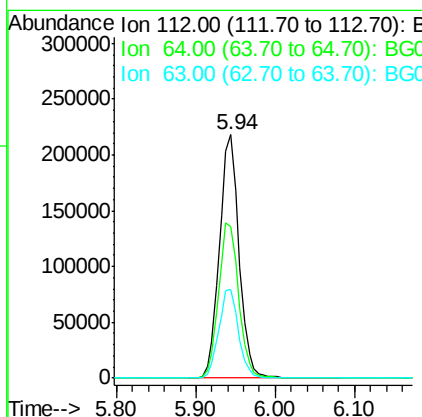
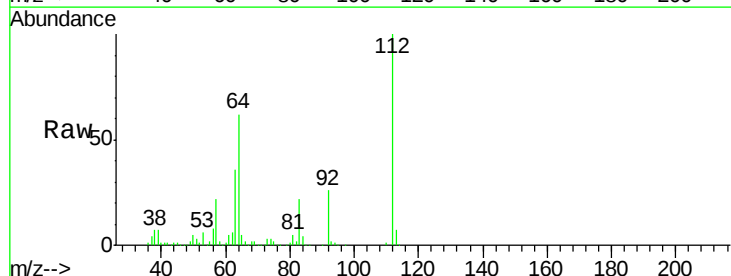
Tgt Ion:152 Resp: 46987
Ion Ratio Lower Upper
152 100
150 152.8 114.0 171.0
115 59.7 48.1 72.1

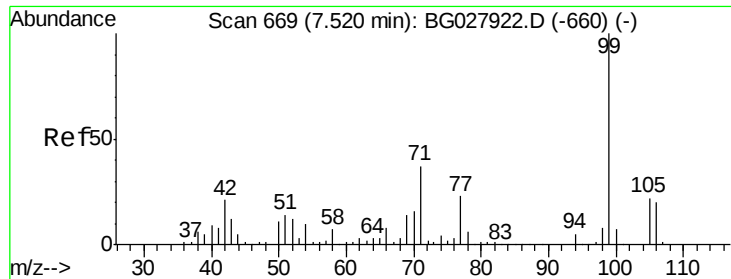


#5

2-Fluorophenol
Concen: 142.018 ng
RT: 5.94 min Scan# 401
Delta R.T. 0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

Tgt Ion:112 Resp: 373066
Ion Ratio Lower Upper
112 100
64 62.1 61.8 92.6
63 36.2 37.2 55.8#





#7

Phenol-d6

Concen: 138.061 ng

RT: 7.52 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

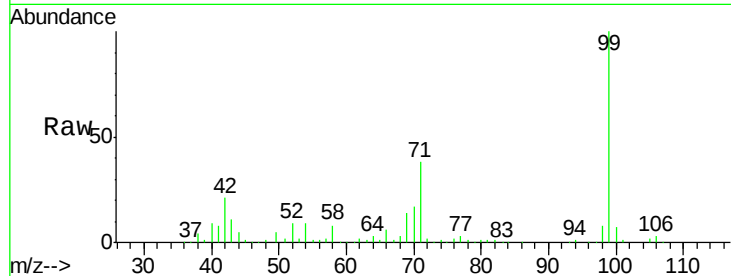
Tgt Ion: 99 Resp: 522515

Ion Ratio Lower Upper

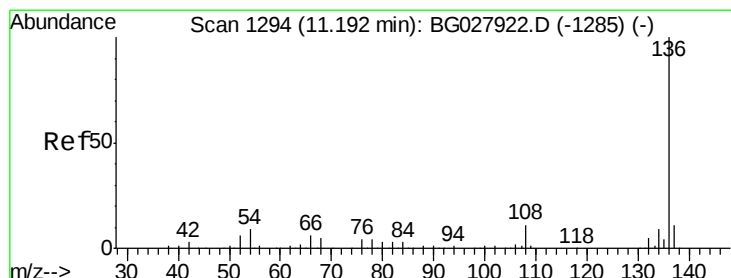
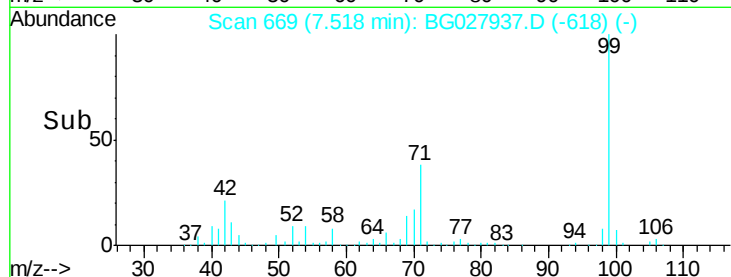
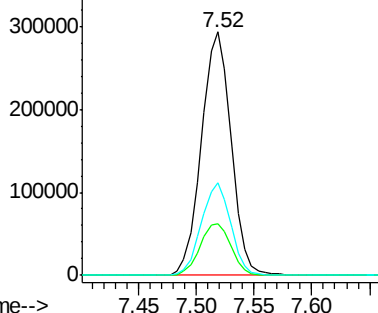
99 100

42 21.2 20.5 30.7

71 38.1 37.6 56.4



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: 20.000 ng

RT: 11.19 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

Tgt Ion: 136 Resp: 213285

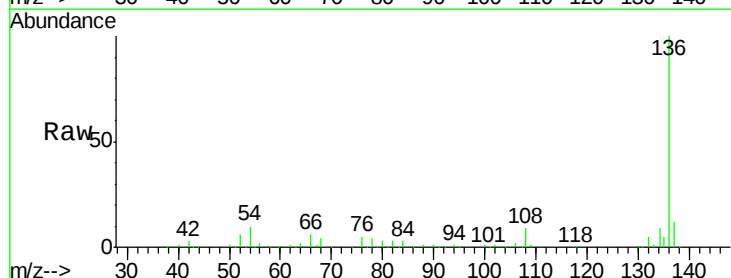
Ion Ratio Lower Upper

136 100

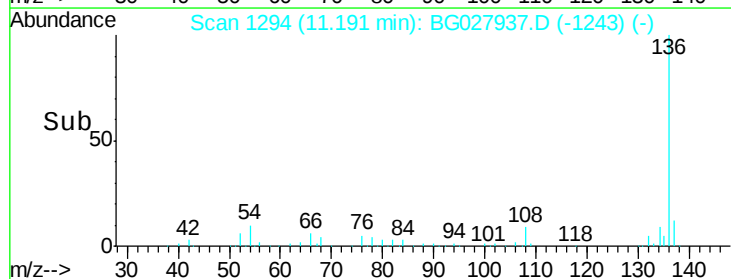
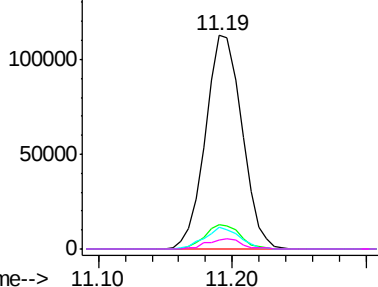
137 11.5 8.9 13.3

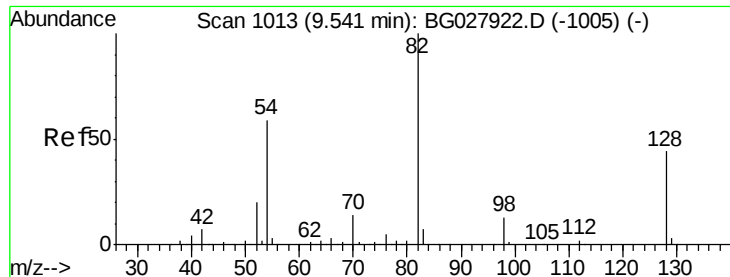
54 10.0 9.3 13.9

68 4.4 5.1 7.7#



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

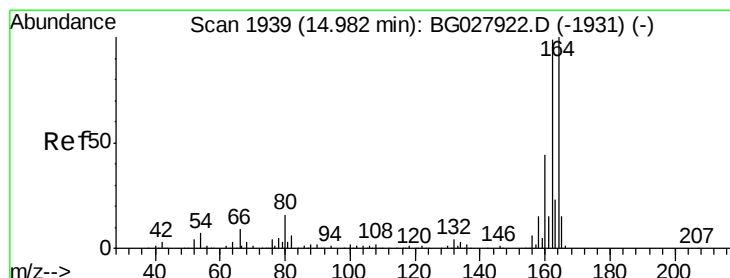
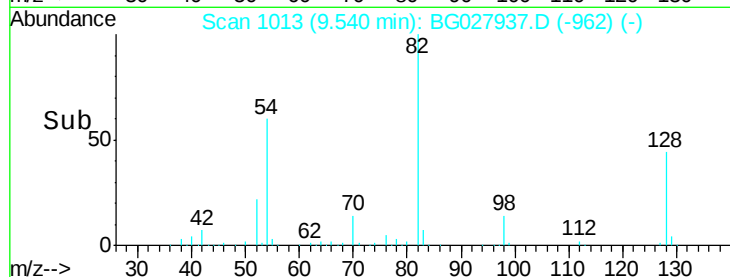
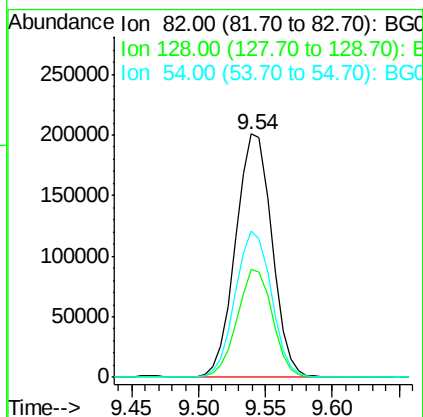
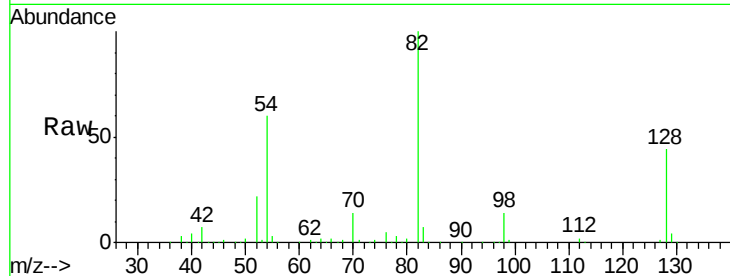




#23
Nitrobenzene-d5
Concen: 99.412 ng
RT: 9.54 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

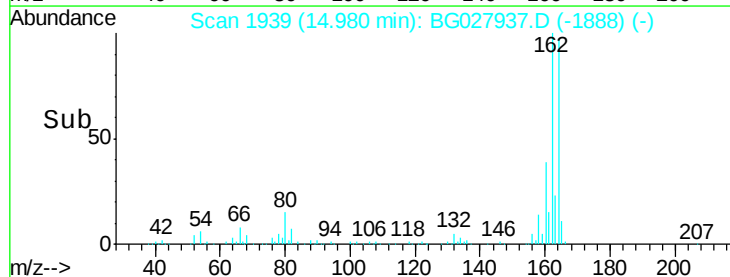
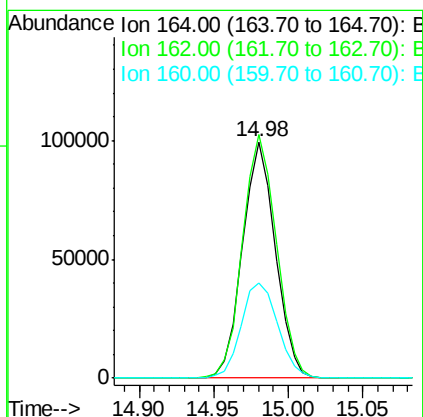
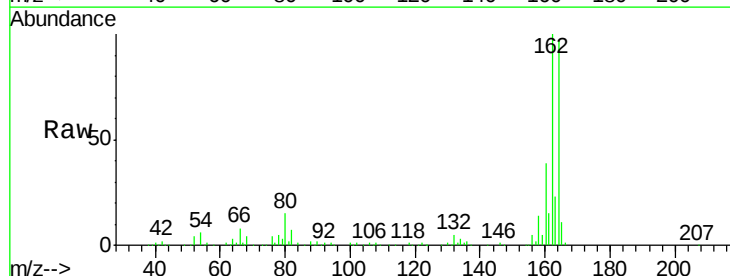
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

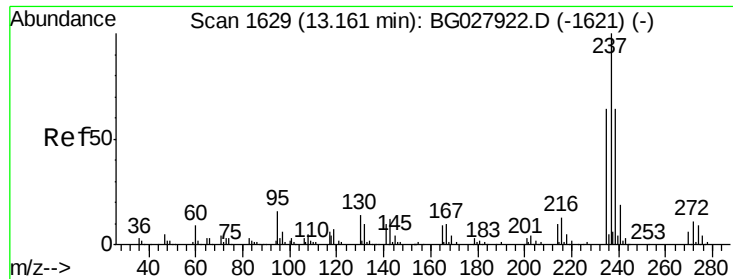
Tgt Ion: 82 Resp: 379474
Ion Ratio Lower Upper
82 100
128 44.3 26.4 39.6#
54 60.3 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

Tgt Ion: 164 Resp: 150979
Ion Ratio Lower Upper
164 100
162 103.1 85.1 127.7
160 40.6 34.7 52.1





#40

Hexachlorocyclopentadiene

Concen: 5.854 ng

RT: 13.16 min Scan# 1629

Delta R.T. -0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

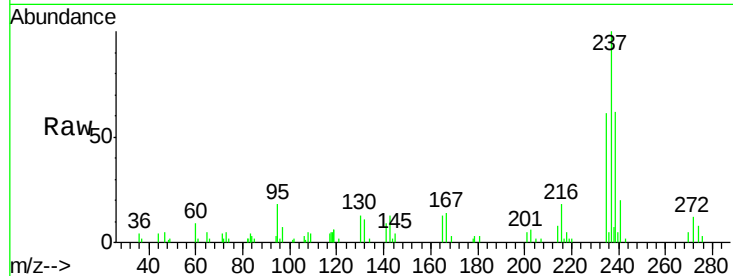
Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

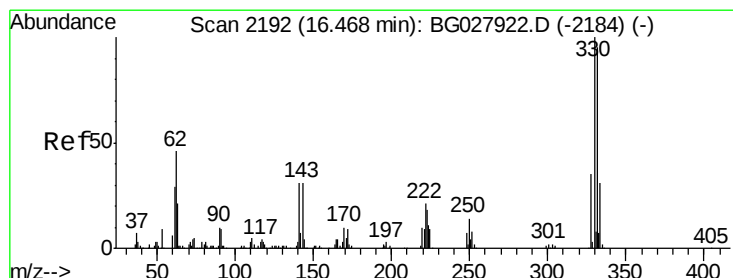
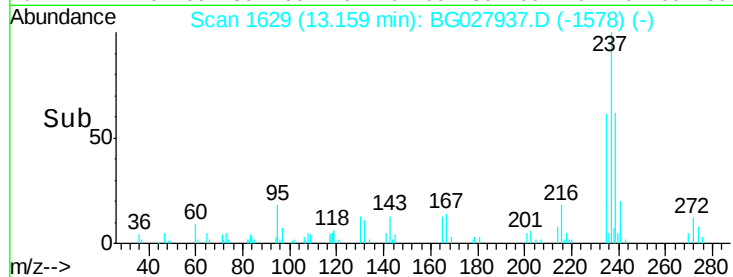
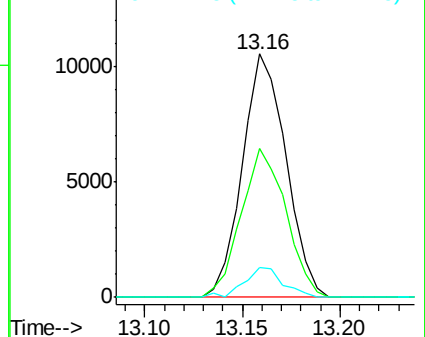
Tgt Ion:	237	Resp:	16310
Ion	Ratio	Lower	Upper
237	100		
235	61.1	39.4	79.4
272	12.1	0.0	32.0



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 162.099 ng

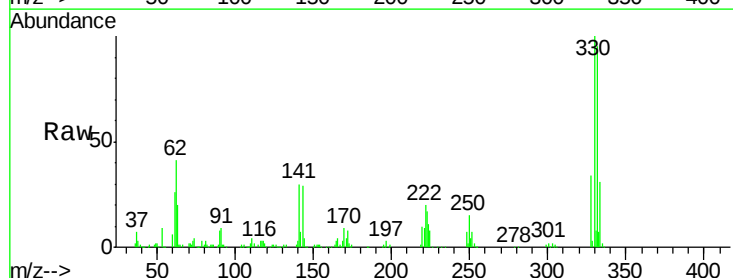
RT: 16.47 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

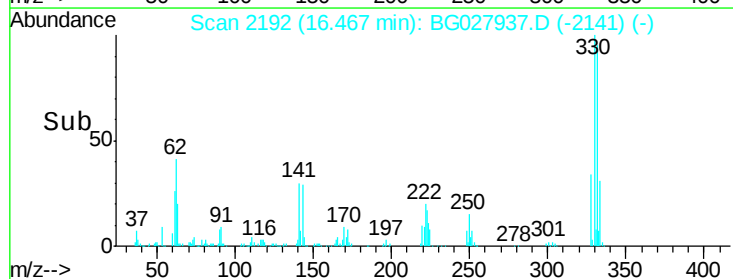
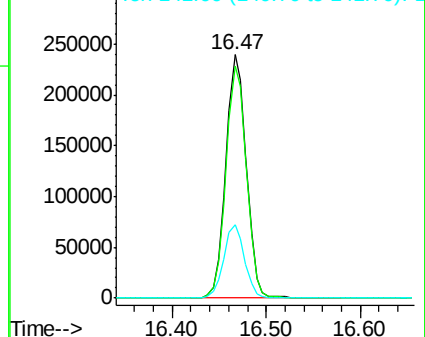
Tgt Ion:	330	Resp:	362692
Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.3	115.9
141	30.7	32.1	48.1#

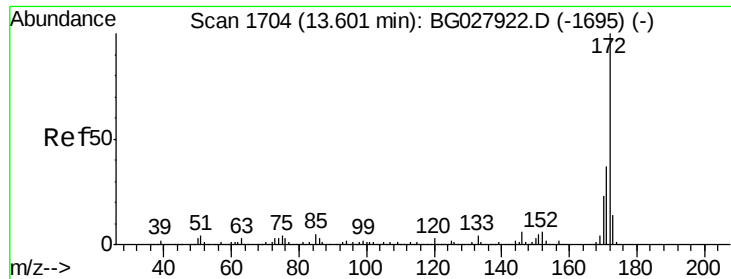


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

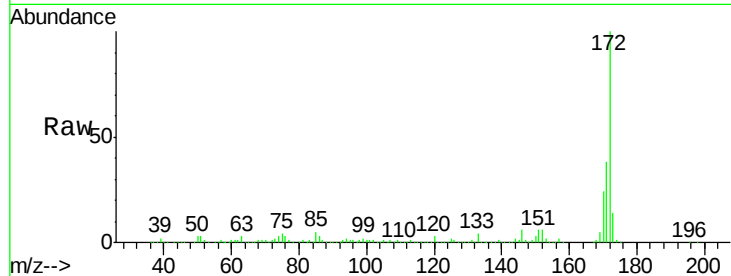




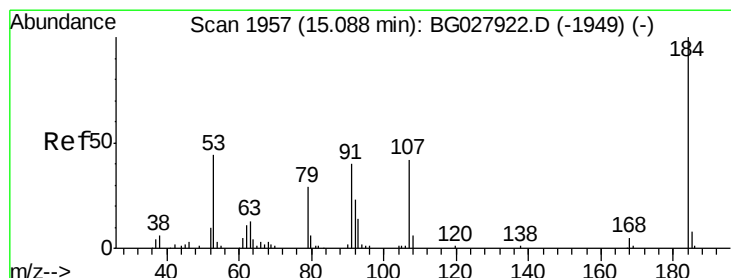
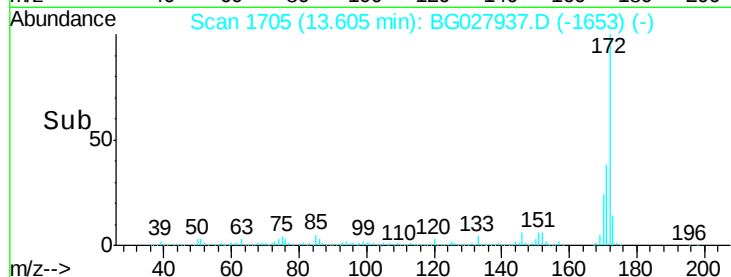
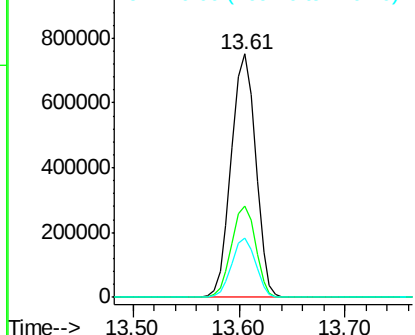
#44
 2-Fluorobiphenyl
 Concen: 104.758 ng
 RT: 13.61 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG027937.D
 Acq: 14 Jul 2017 22:59

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT3-2017

Tgt Ion:172 Resp: 1199290
 Ion Ratio Lower Upper
 172 100
 171 37.5 32.2 48.2
 170 24.2 21.8 32.6

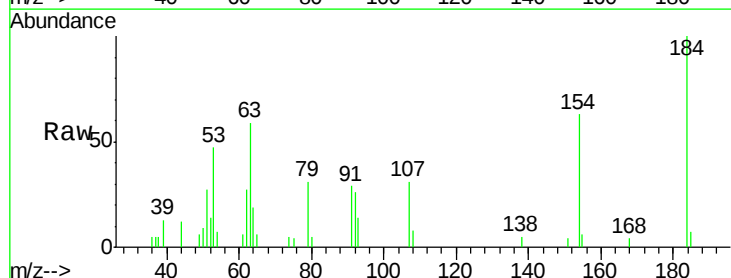


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

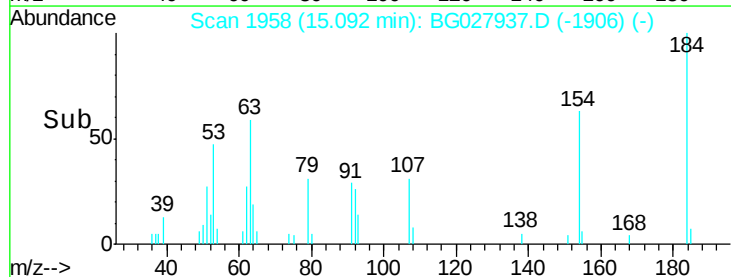
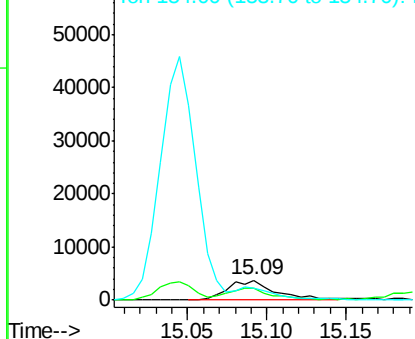


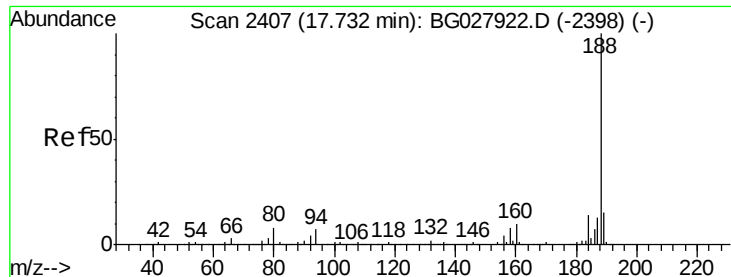
#53
 2,4-Dinitrophenol
 Concen: 10.969 ng
 RT: 15.09 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: BG027937.D
 Acq: 14 Jul 2017 22:59

Tgt Ion:184 Resp: 7705
 Ion Ratio Lower Upper
 184 100
 63 58.6 52.7 79.1
 154 62.8 57.3 85.9



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

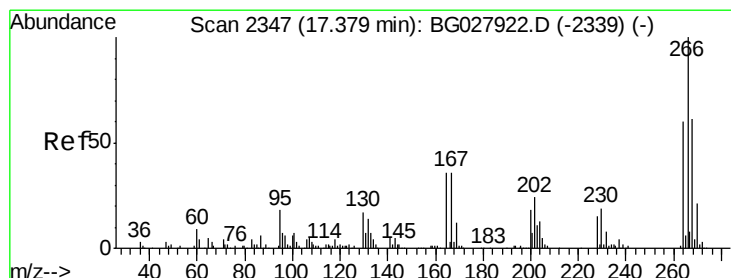
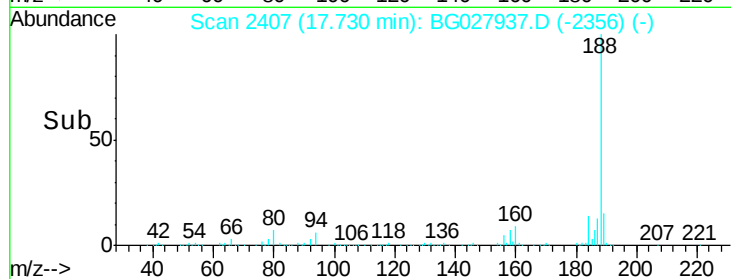
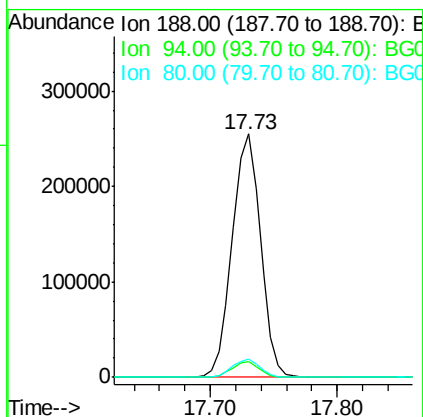
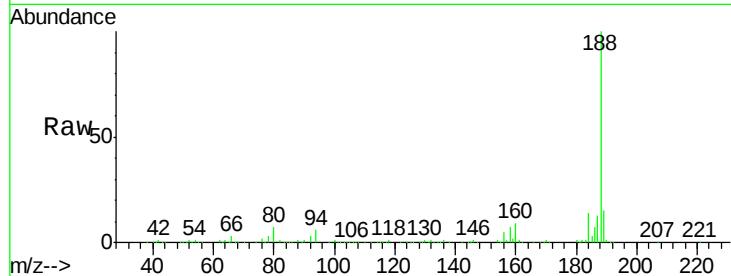




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.73 min Scan# 2407
Delta R.T. -0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

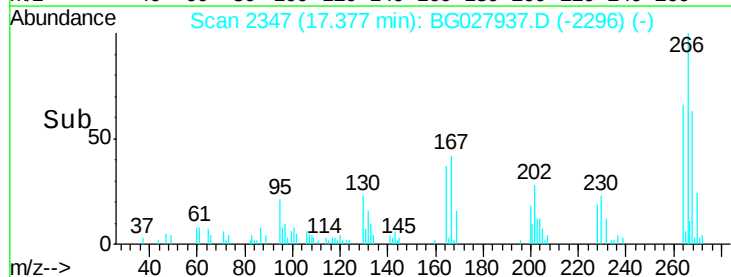
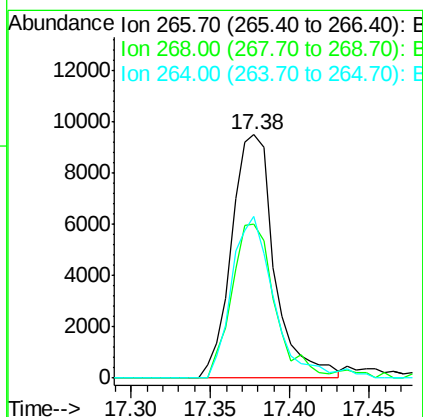
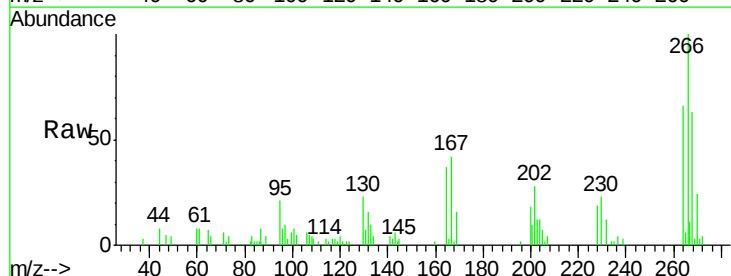
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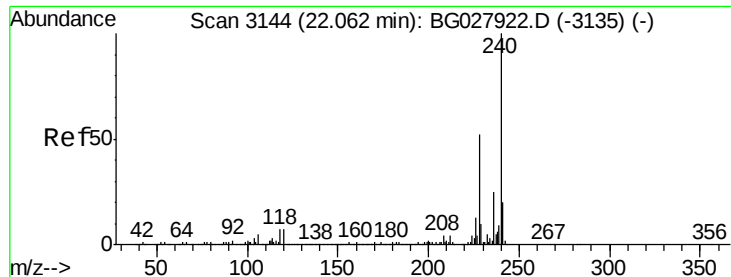
Tgt Ion:188 Resp: 394263
Ion Ratio Lower Upper
188 100
94 6.4 5.8 8.8
80 7.4 7.5 11.3#



#69
Pentachlorophenol
Concen: 10.943 ng
RT: 17.38 min Scan# 2347
Delta R.T. -0.00 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

Tgt Ion:266 Resp: 17836
Ion Ratio Lower Upper
266 100
268 63.0 48.6 72.8
264 66.2 50.1 75.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.06 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT3-2017

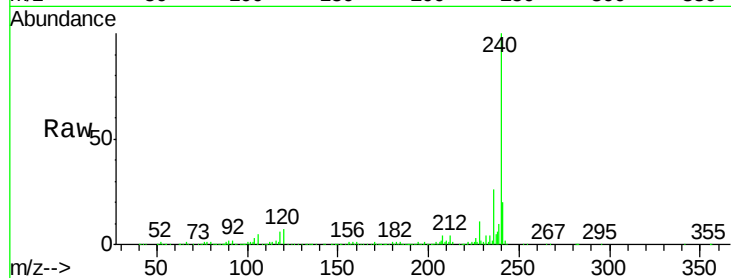
Tgt Ion:240 Resp: 473341

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

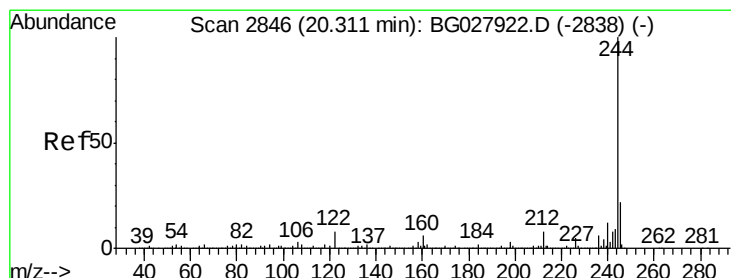
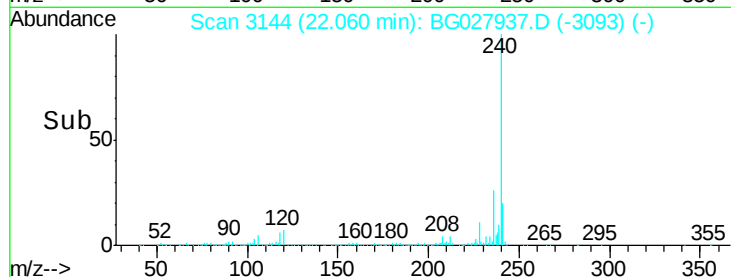
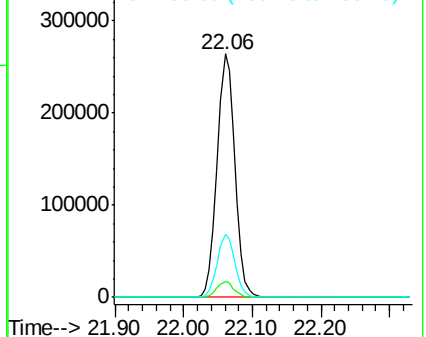
236 26.2 22.2 33.4



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: 95.257 ng

RT: 20.32 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG027937.D

Acq: 14 Jul 2017 22:59

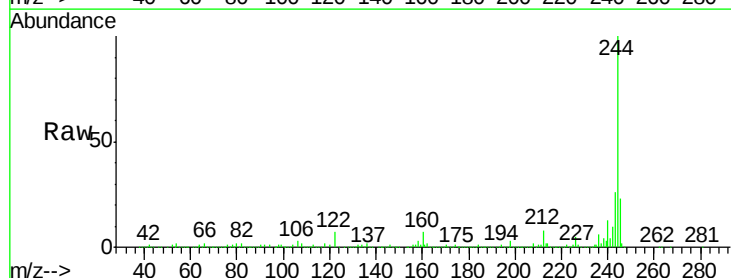
Tgt Ion:244 Resp: 1994170

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

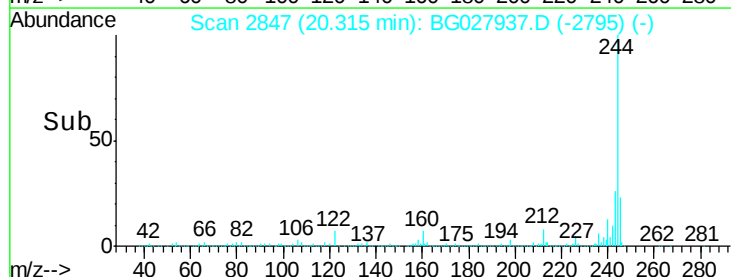
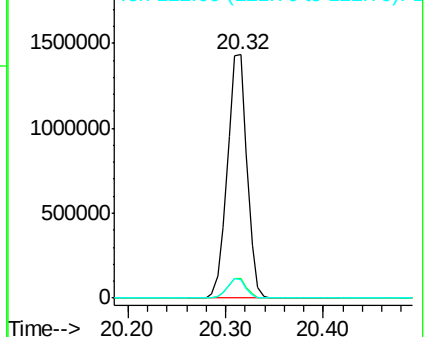
122 7.3 8.6 12.8#

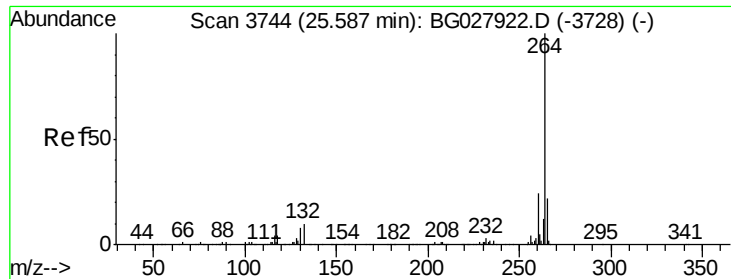


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

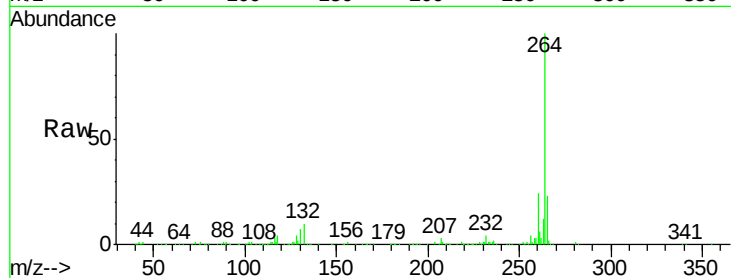




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.58 min Scan# 3743
Delta R.T. -0.01 min
Lab File: BG027937.D
Acq: 14 Jul 2017 22:59

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT3-2017

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	22.8	18.2	27.4



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

