

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029007.D
 Acq On : 3 Oct 2017 16:06
 Operator : SJ/JU
 Sample : I5275-05
 Misc : LOD 8 PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Quant Time: Oct 05 01:22:40 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

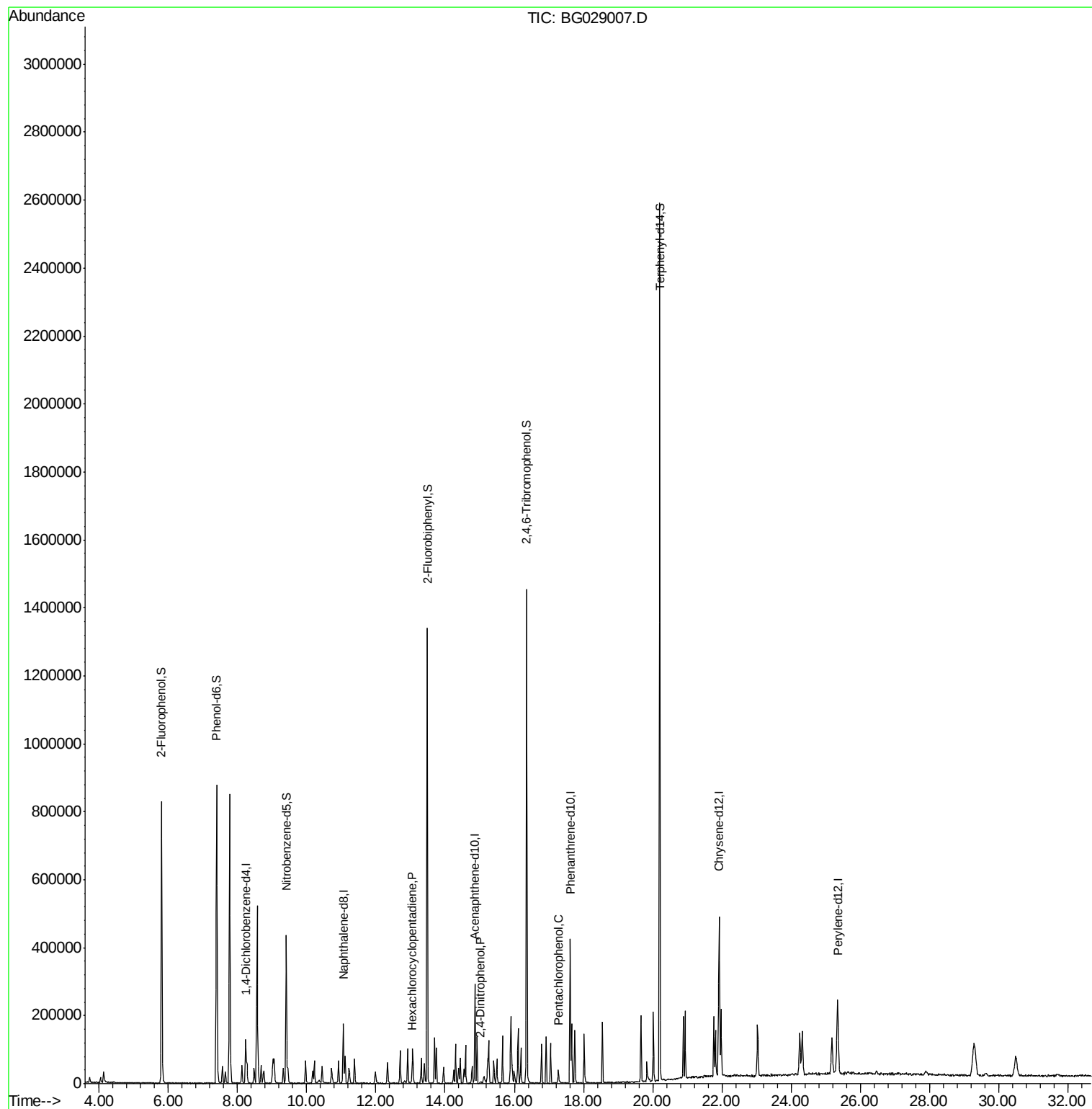
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	35423	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	145223	20.00	ng	-0.09
38) Acenaphthene-d10	14.87	164	103412	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	258980	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	287220	20.00	ng	-0.10
86) Perylene-d12	25.35	264	275176	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	361202	168.25	ng	-0.10
7) Phenol-d6	7.40	99	504173	155.98	ng	-0.09
23) Nitrobenzene-d5	9.41	82	280398	92.36	ng	-0.10
41) 2,4,6-Tribromophenol	16.36	330	299242	174.96	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	711812	91.78	ng	-0.08
78) Terphenyl-d14	20.21	244	1183518	87.87	ng	-0.07
Target Compounds						
40) Hexachlorocyclopentadiene	13.04	237	4082	9.839	ng	84
53) 2,4-Dinitrophenol	15.02	184	1759	9.558	ng	# 67
69) Pentachlorophenol	17.27	266	11141	6.501	ng	88

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

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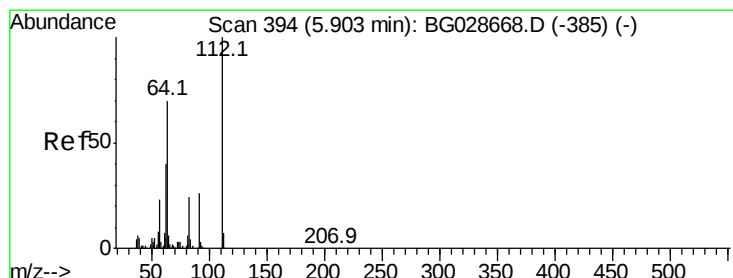
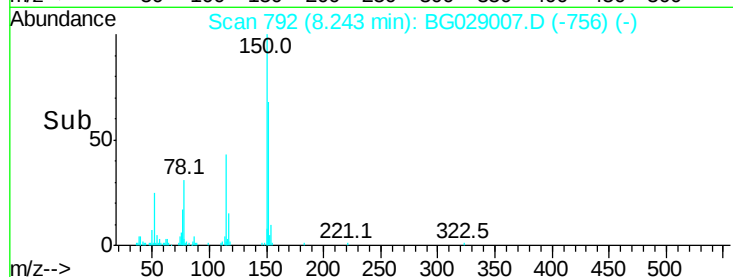
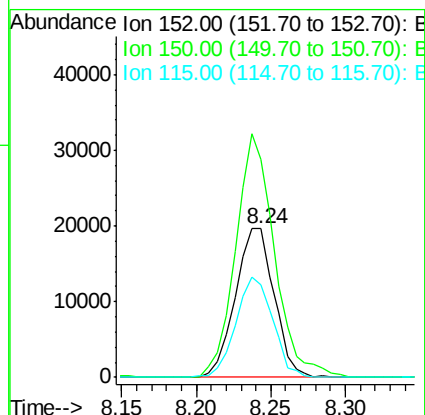
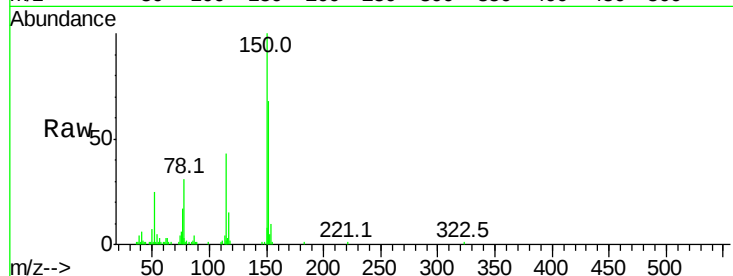


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 792
Delta R.T. -0.09 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

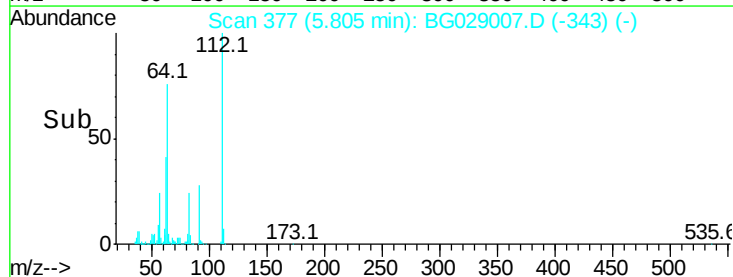
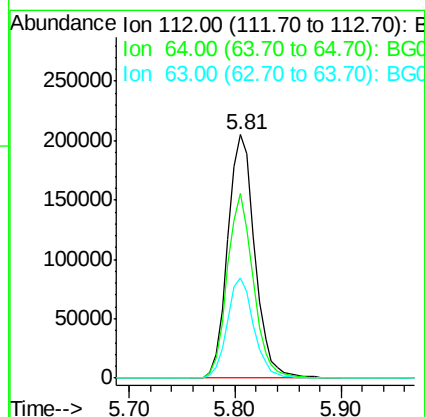
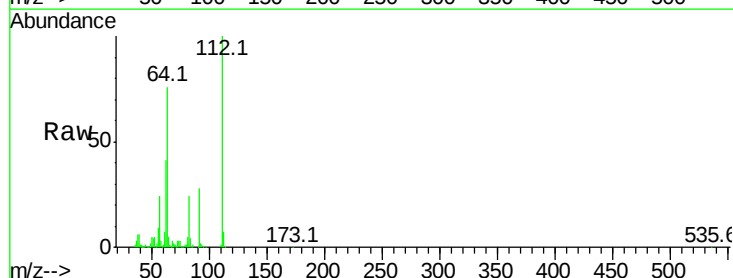
Tot Ion:152 Resp: 35423
Ion Ratio Lower Upper
152 100
150 146.5 114.0 171.0
115 62.7 48.1 72.1

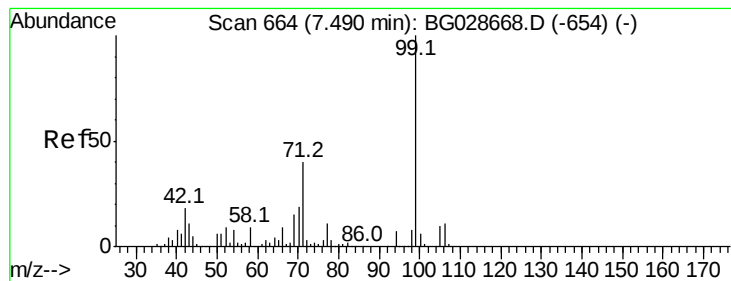


#5

2-Fluorophenol
Concen: 168.253 ng
RT: 5.81 min Scan# 377
Delta R.T. -0.10 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:112 Resp: 361202
Ion Ratio Lower Upper
112 100
64 75.9 61.8 92.6
63 41.1 37.2 55.8





#7

Phenol-d6

Concen: 155.982 ng

RT: 7.40 min Scan# 648

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT4-2017

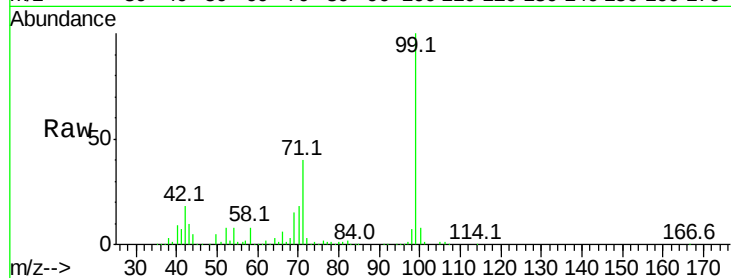
Tot Ion: 99 Resp: 504173

Ion Ratio Lower Upper

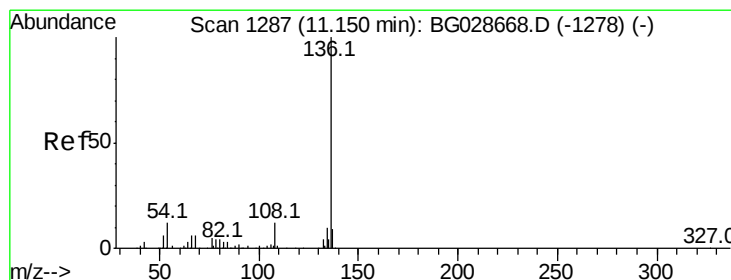
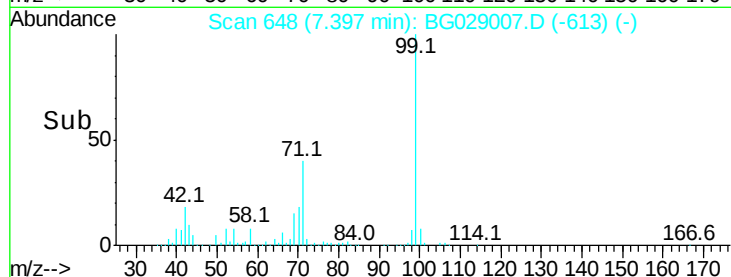
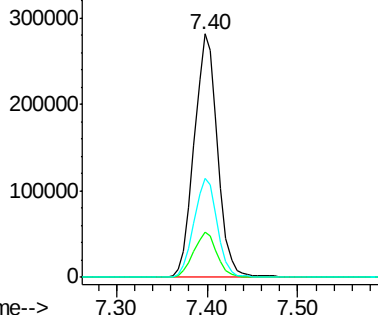
99 100

42 18.4 20.5 30.7#

71 40.4 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: 11.06 min Scan# 1271

Delta R.T. -0.09 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Tgt Ion: 136 Resp: 145223

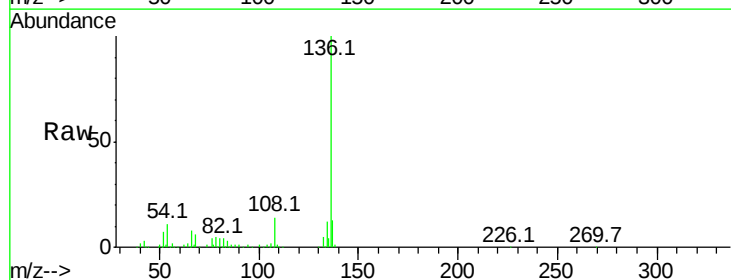
Ion Ratio Lower Upper

136 100

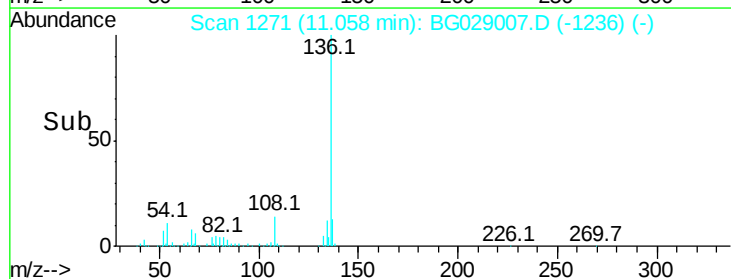
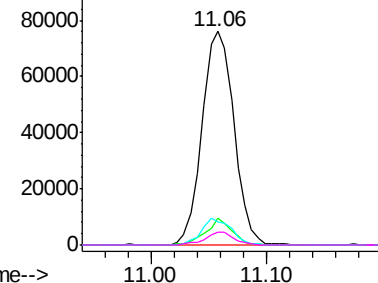
137 12.8 8.9 13.3

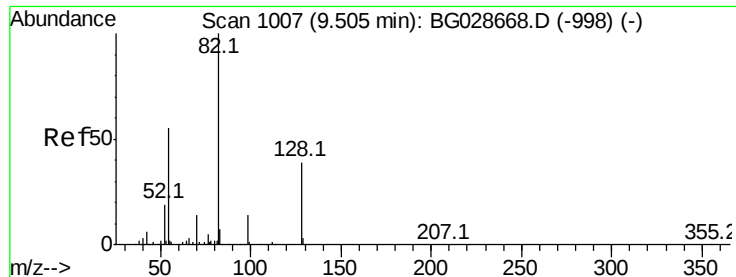
54 10.9 9.3 13.9

68 5.9 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

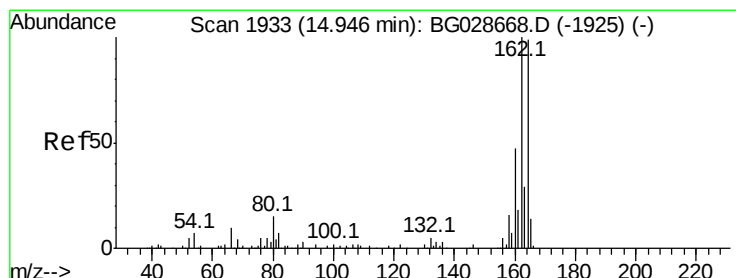
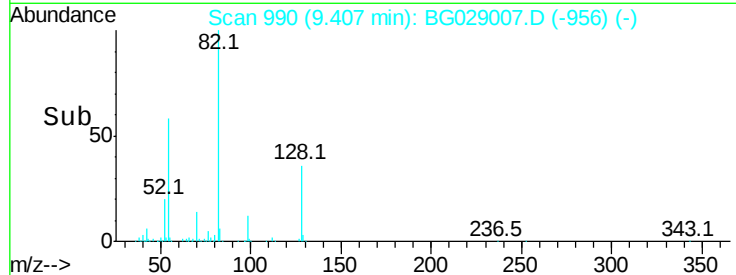
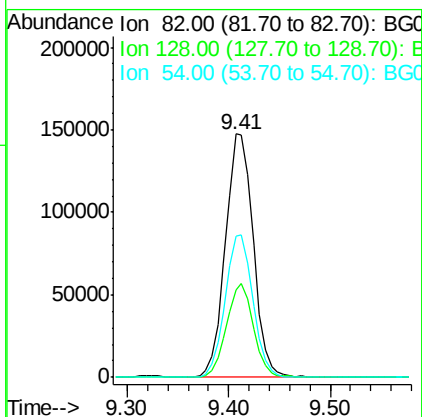
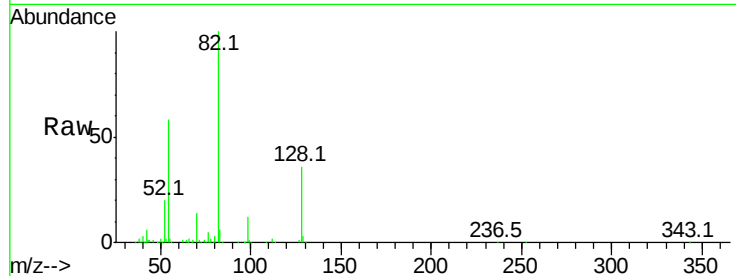




#23
Nitrobenzene-d5
Concen: 92.365 ng
RT: 9.41 min Scan# 990
Delta R.T. -0.10 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

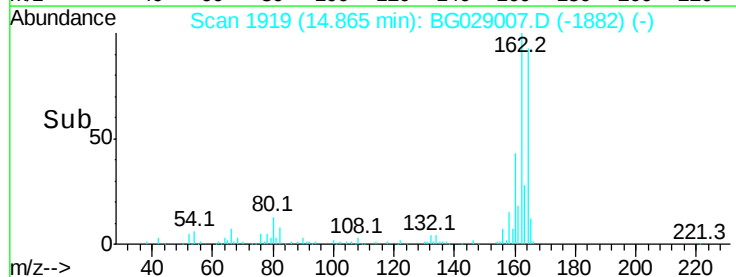
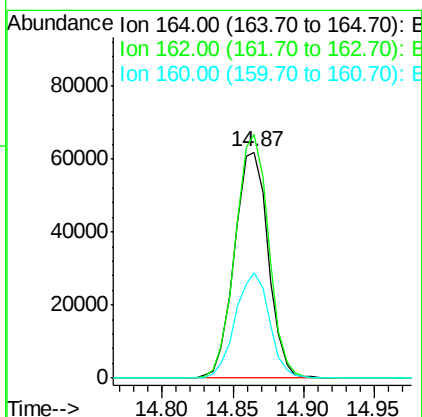
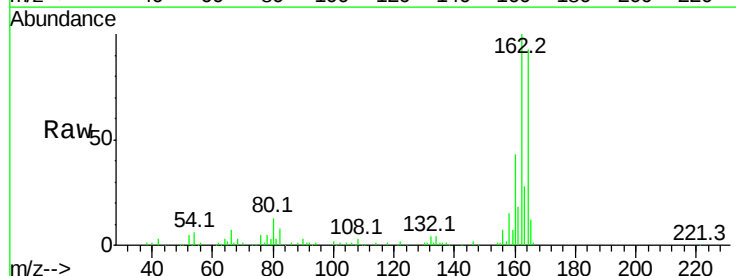
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

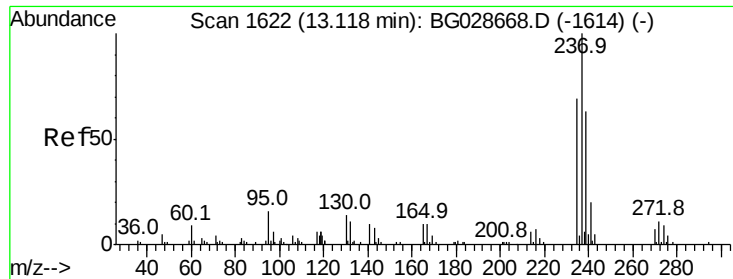
Tot Ion	82	Resp	280398
Ion Ratio	100	Lower	Upper
128	35.9	26.4	39.6
54	57.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1919
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion	164	Resp	103412
Ion Ratio	100	Lower	Upper
162	107.8	85.1	127.7
160	46.7	34.7	52.1

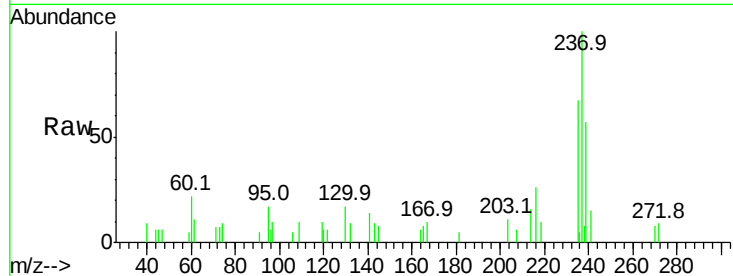




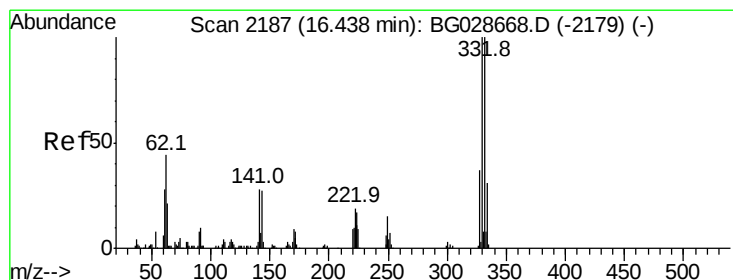
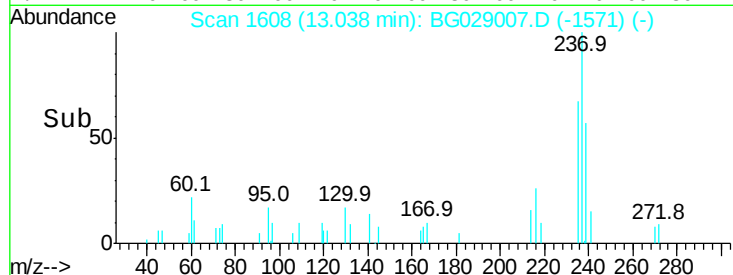
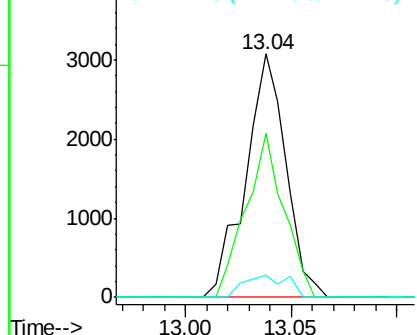
#40
Hexachlorocyclopentadiene
Concen: 9.839 ng
RT: 13.04 min Scan# 1608
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

Tot Ion:237 Resp: 4082
Ion Ratio Lower Upper
237 100
235 72.4 39.4 79.4
272 9.2 0.0 32.0

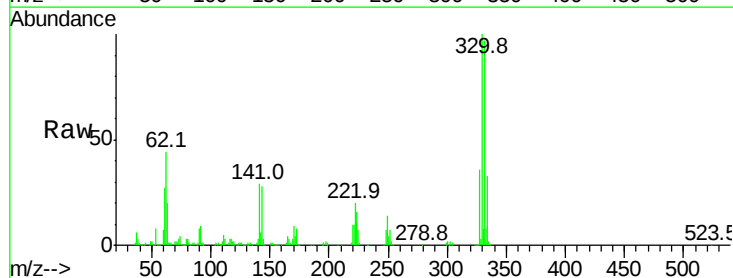


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

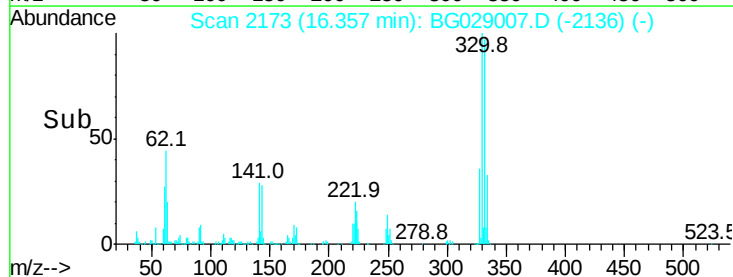
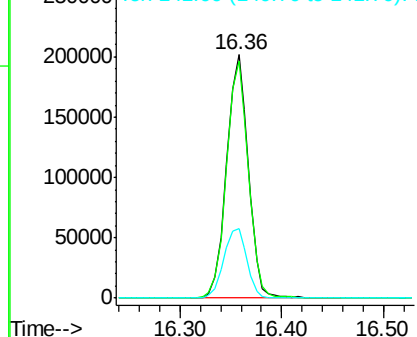


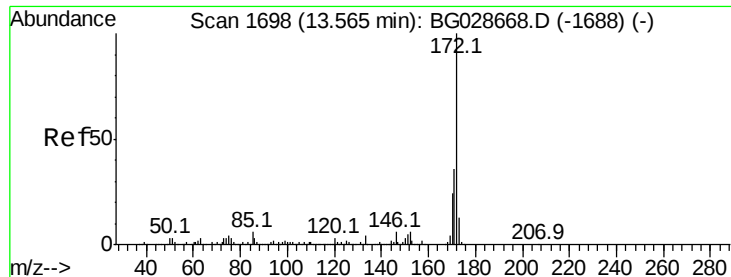
#41
2,4,6-Tribromophenol
Concen: 174.957 ng
RT: 16.36 min Scan# 2173
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:330 Resp: 299242
Ion Ratio Lower Upper
330 100
332 98.1 77.3 115.9
141 30.5 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

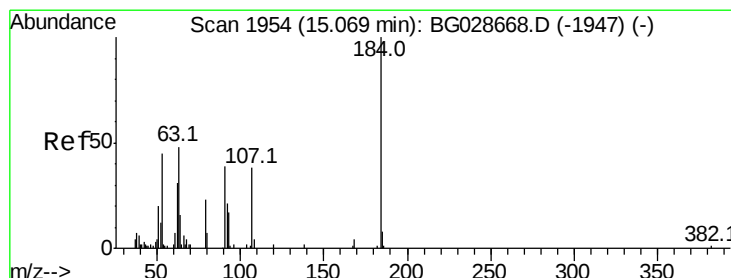
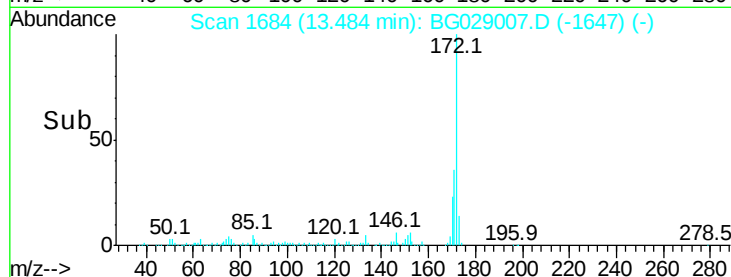
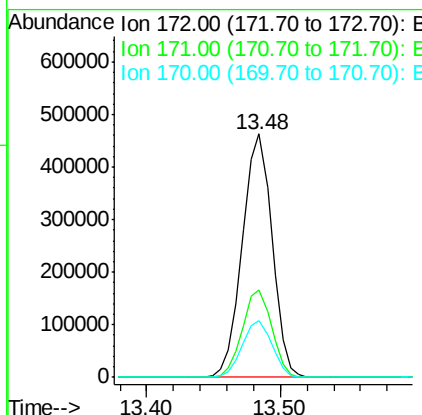
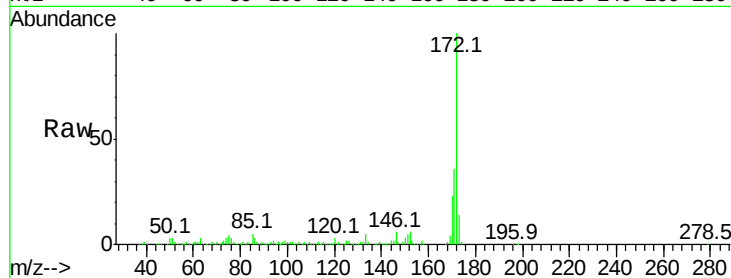




#44
2-Fluorobiphenyl
Concen: 91.783 ng
RT: 13.48 min Scan# 1684
Delta R.T. -0.08 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

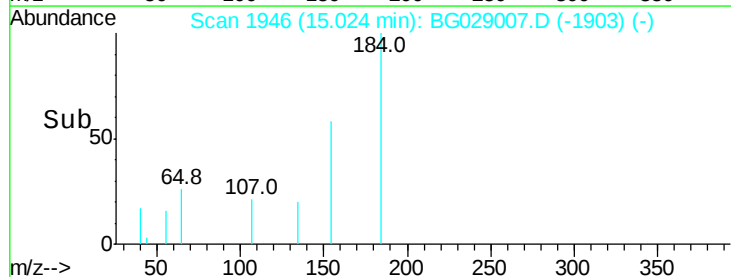
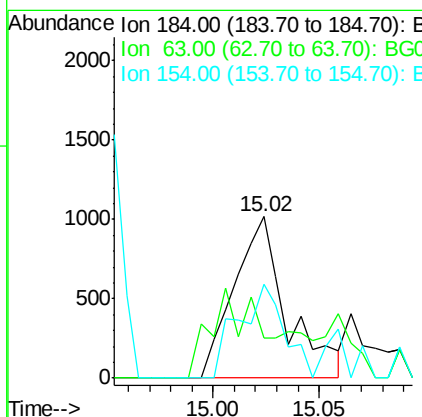
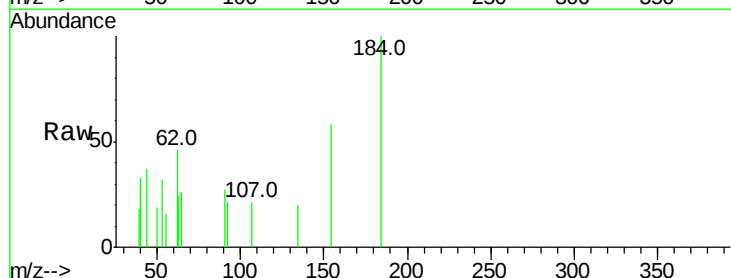
Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT4-2017

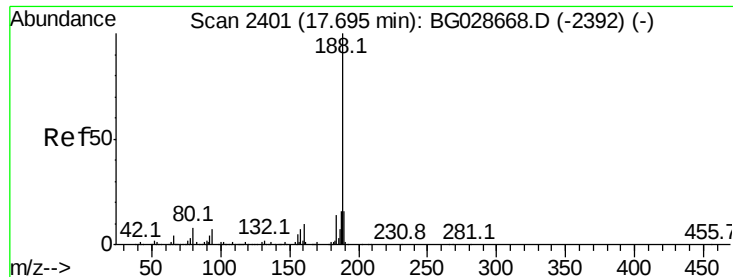
Tot Ion:172 Resp: 711812
Ion Ratio Lower Upper
172 100
171 36.0 32.2 48.2
170 23.3 21.8 32.6



#53
2,4-Dinitrophenol
Concen: 9.558 ng
RT: 15.02 min Scan# 1946
Delta R.T. -0.05 min
Lab File: BG029007.D
Acq: 3 Oct 2017 16:06

Tgt Ion:184 Resp: 1759
Ion Ratio Lower Upper
184 100
63 24.5 52.7 79.1#
154 58.2 57.3 85.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

BNA_G

ClientSampleId :

LOD-WATER-05-QT4-2017

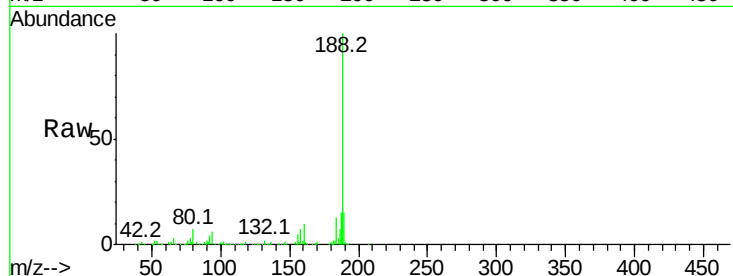
Tot Ion:188 Resp: 258980

Ion Ratio Lower Upper

188 100

94 6.1 5.8 8.8

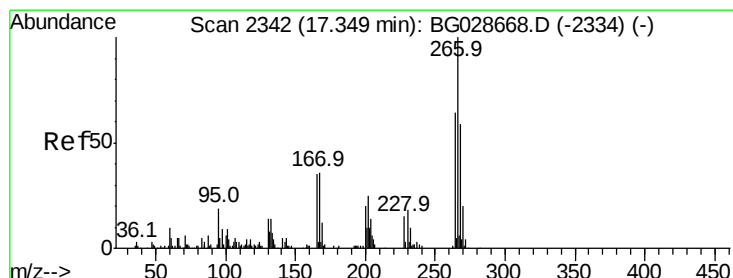
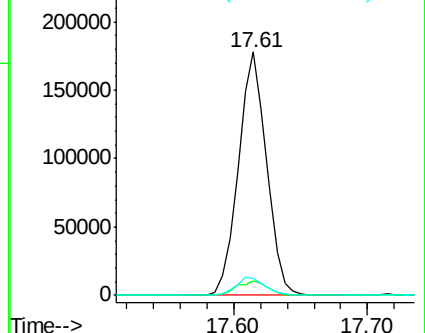
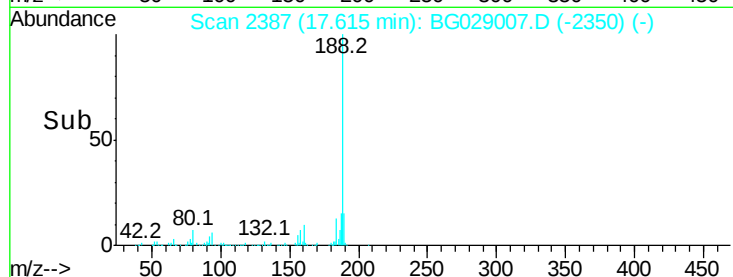
80 6.8 7.5 11.3#



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



#69

Pentachlorophenol

Concen: 6.501 ng

RT: 17.27 min Scan# 2329

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

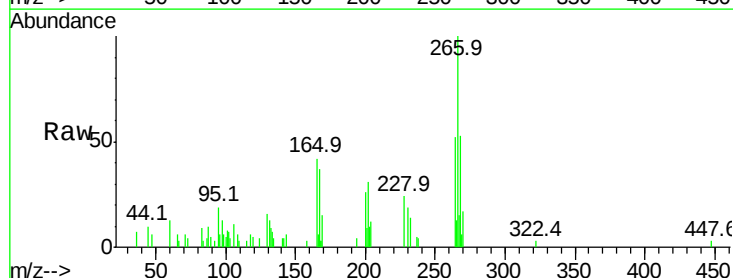
Tgt Ion:266 Resp: 11141

Ion Ratio Lower Upper

266 100

268 53.0 48.6 72.8

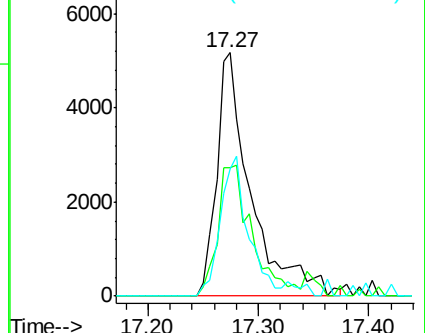
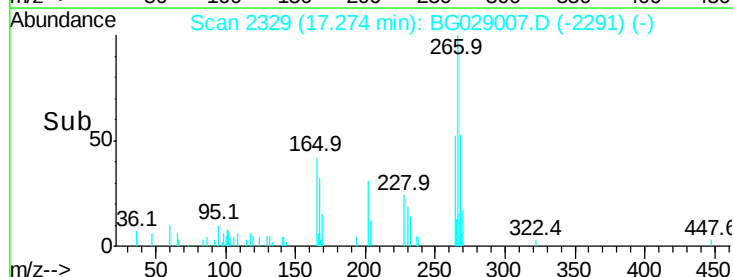
264 52.4 50.1 75.1

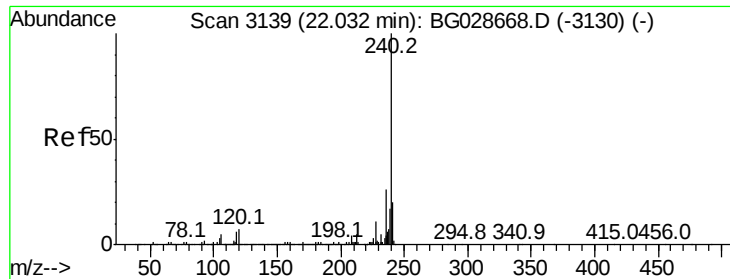


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.10 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

Instrument :

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LOD-WATER-05-QT4-2017

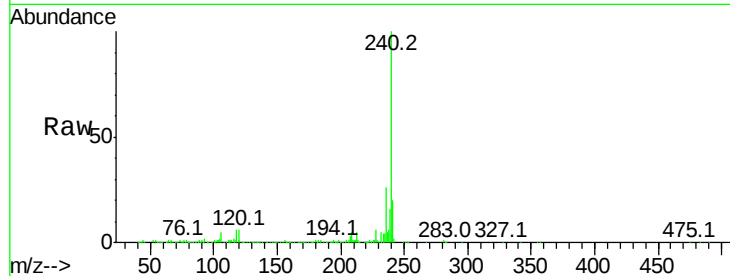
Tot Ion:240 Resp: 287220

Ion	Ratio	Lower	Upper
240	100		
120	6.5	5.7	8.5
236	25.5	22.2	33.4

240 100

120 6.5 5.7 8.5

236 25.5 22.2 33.4



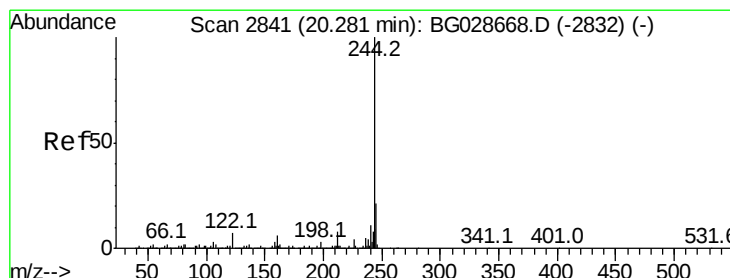
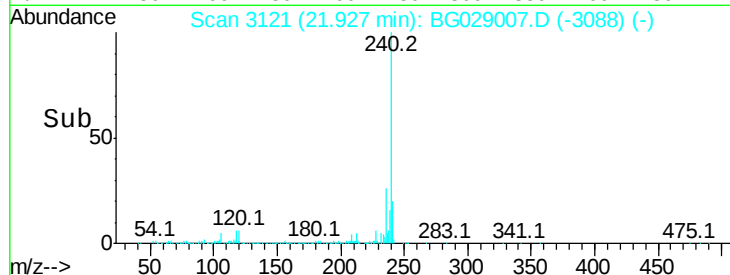
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.93

Time-->



#78

Terphenyl-d14

Concen: 87.874 ng

RT: 20.21 min Scan# 2828

Delta R.T. -0.07 min

Lab File: BG029007.D

Acq: 3 Oct 2017 16:06

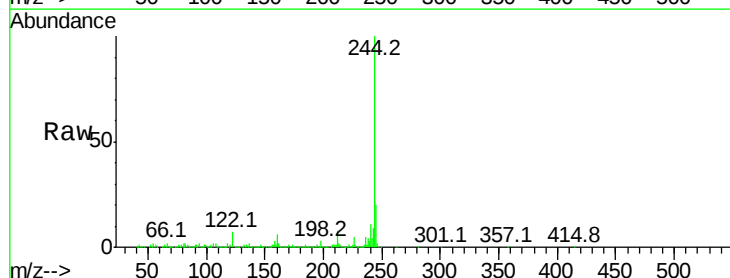
Tgt Ion:244 Resp: 1183518

Ion	Ratio	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.0	8.6	12.8#

244 100

212 7.9 10.0 15.0#

122 7.0 8.6 12.8#



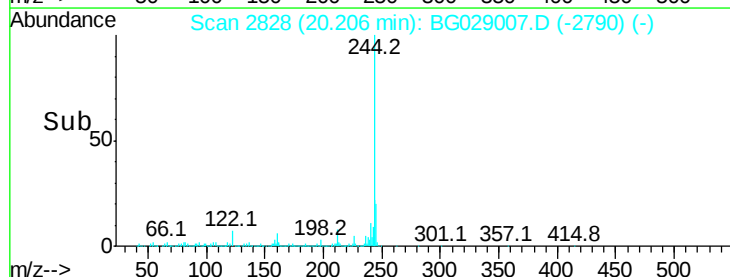
Abundance Ion 244.00 (243.70 to 244.70): E

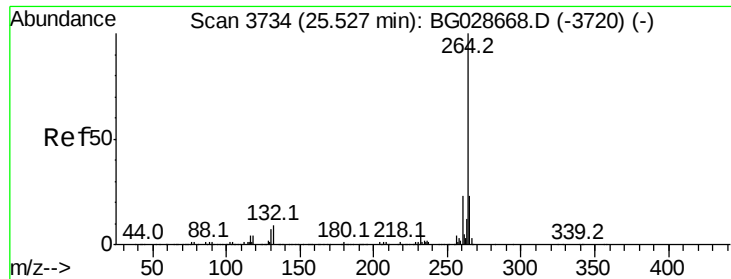
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.21

Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.35 min Scan# 3703
 Delta R.T. -0.18 min
 Lab File: BG029007.D
 Acq: 3 Oct 2017 16:06

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT4-2017

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	21.8	32.8#
265	21.6	18.2	27.4

