

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032571.D
 Acq On : 6 Feb 2018 18:25
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-W-8 ppm
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Quant Time: Feb 07 13:56:02 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

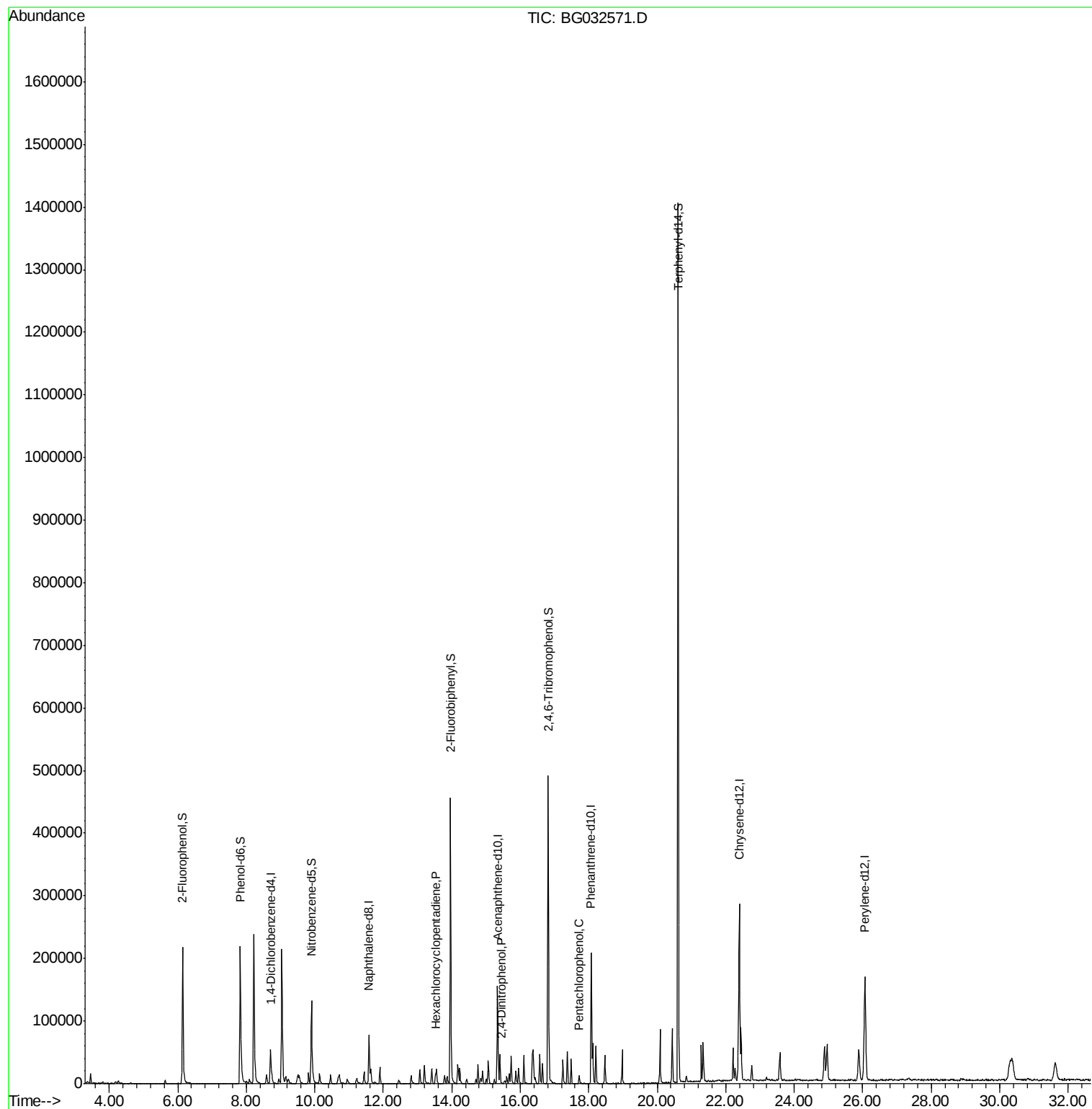
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	21696	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	86054	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	63061	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	158242	20.00	ng	0.00
75) Chrysene-d12	22.40	240	208133	20.00	ng	-0.01
86) Perylene-d12	26.07	264	233341	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	119144	110.30	ng	0.00
7) Phenol-d6	7.82	99	149811	103.93	ng	0.00
23) Nitrobenzene-d5	9.90	82	92458	67.11	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	134089	111.71	ng	0.00
44) 2-Fluorobiphenyl	13.96	172	288543	54.38	ng	0.00
78) Terphenyl-d14	20.61	244	765449	78.78	ng	0.00
Target Compounds						
40) Hexachlorocyclopentadiene	13.53	237	5582	3.028	ng	85
53) 2,4-Dinitrophenol	15.45	184	355	4.546	ng	# 58
69) Pentachlorophenol	17.71	266	4092	2.518	ng	# 79

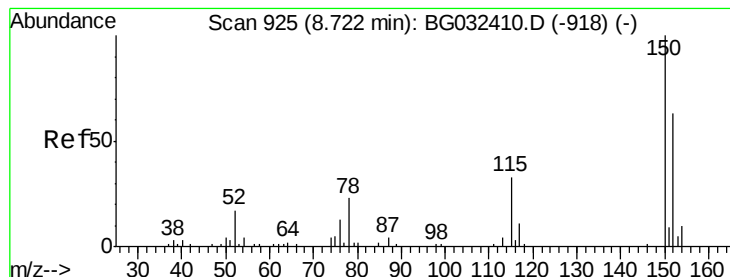
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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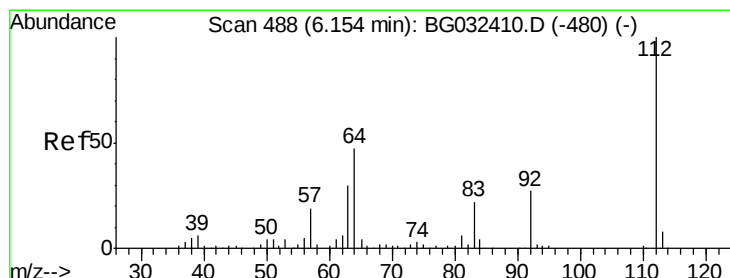
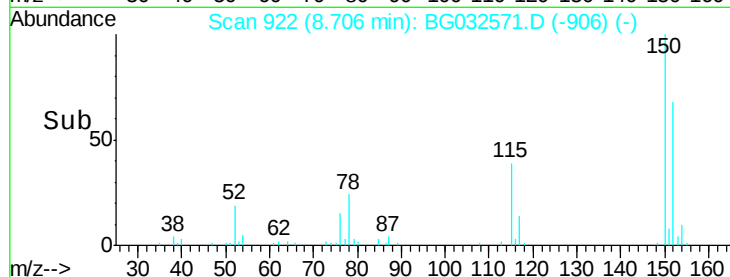
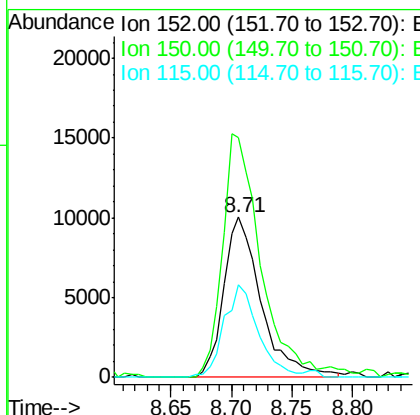
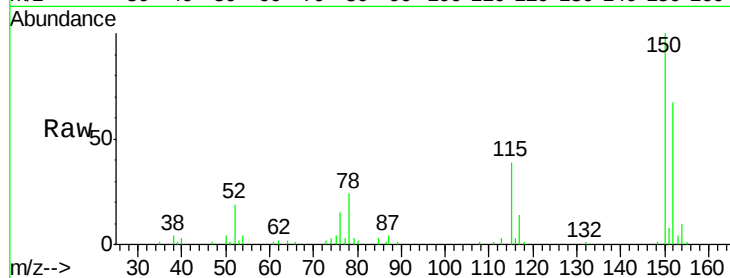


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

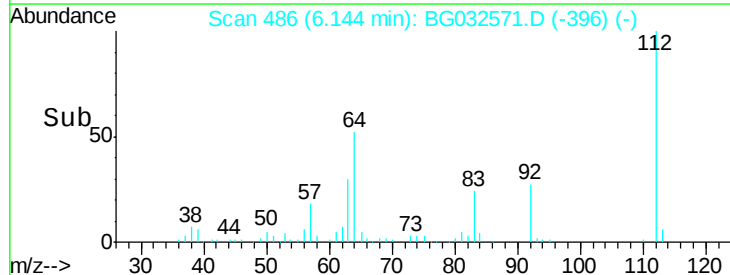
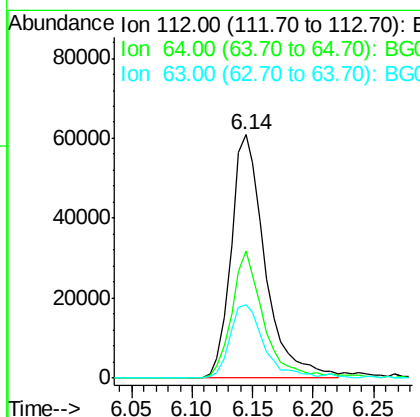
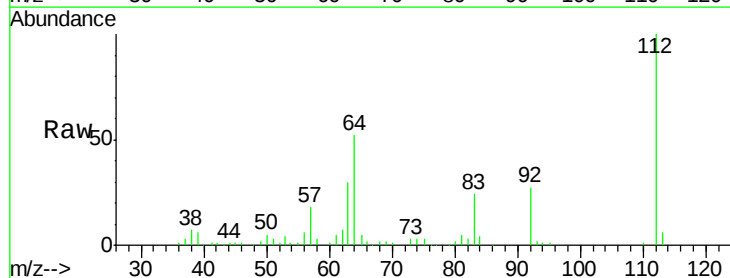
Tot Ion:152 Resp: 21696
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 57.6 53.0 79.4

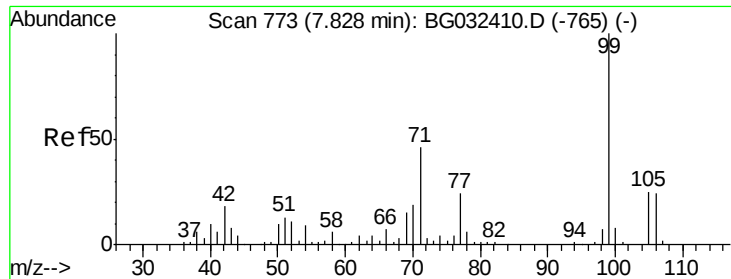


#5

2-Fluorophenol
Concen: 110.300 ng
RT: 6.14 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:112 Resp: 119144
Ion Ratio Lower Upper
112 100
64 52.5 56.3 84.5#
63 30.0 30.1 45.1#





#7

Phenol-d6

Concen: 103.934 ng

RT: 7.82 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG032571.D

Acq: 6 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

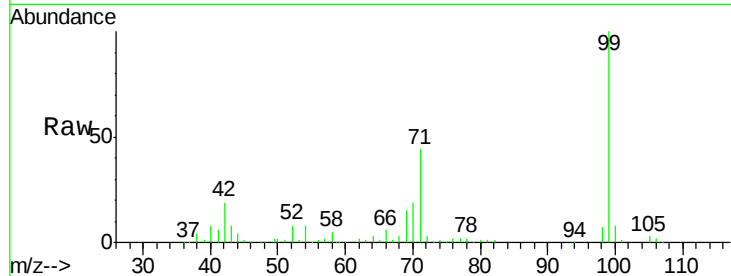
Tot Ion: 99 Resp: 149811

Ion Ratio Lower Upper

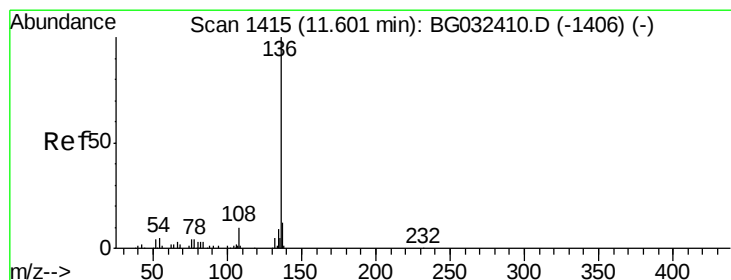
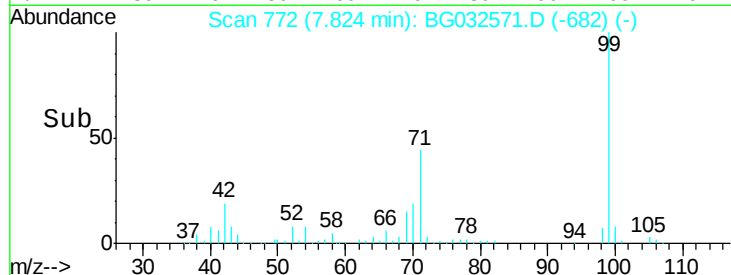
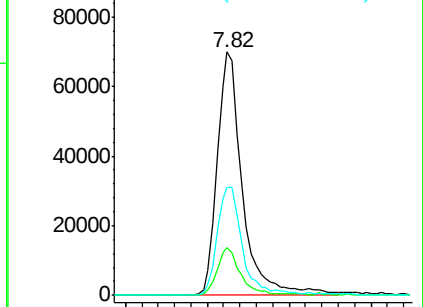
99 100

42 19.5 14.1 21.1

71 44.3 26.1 39.1#



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: 11.58 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BG032571.D

Acq: 6 Feb 2018 18:25

Tgt Ion:136 Resp: 86054

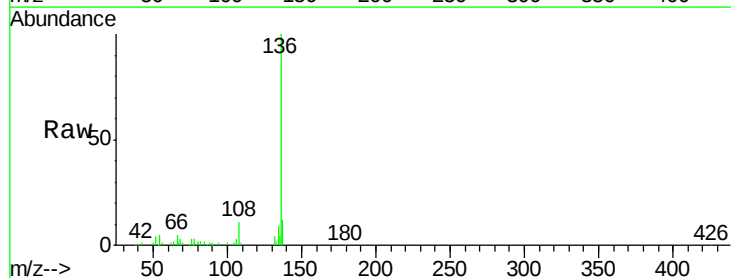
Ion Ratio Lower Upper

136 100

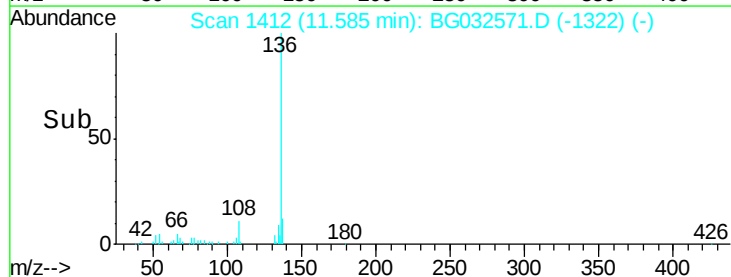
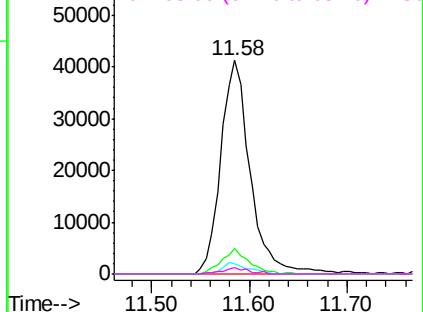
137 11.9 9.2 13.8

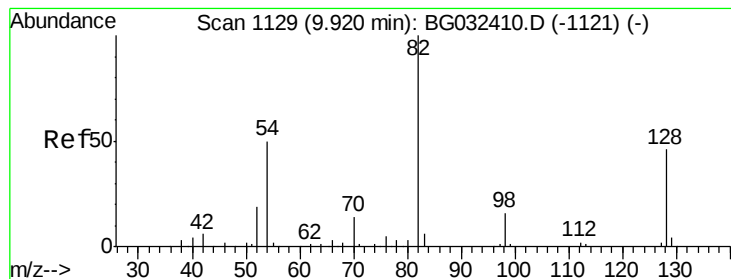
54 4.6 10.3 15.5#

68 3.3 4.5 6.7#



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: 67.109 ng

RT: 9.90 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BG032571.D

Acq: 6 Feb 2018 18:25

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

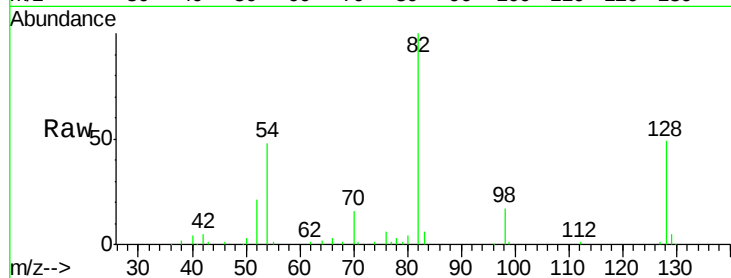
Tot Ion: 82 Resp: 92458

Ion Ratio Lower Upper

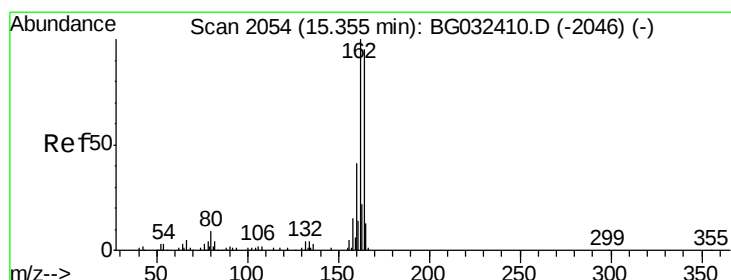
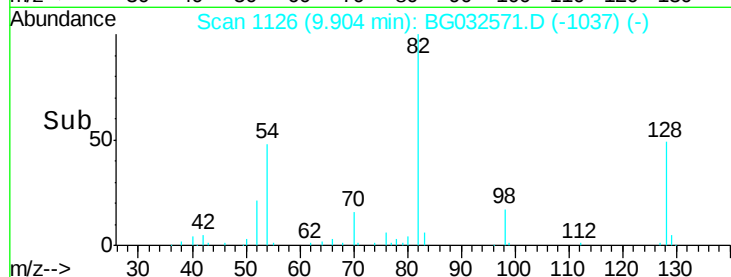
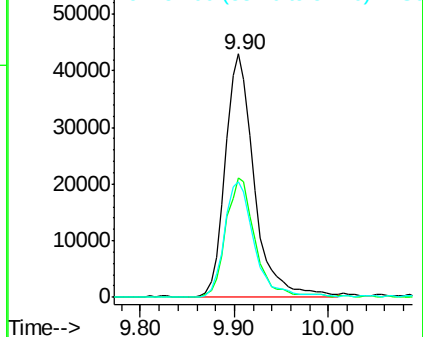
82 100

128 49.1 29.7 44.5#

54 47.5 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.34 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG032571.D

Acq: 6 Feb 2018 18:25

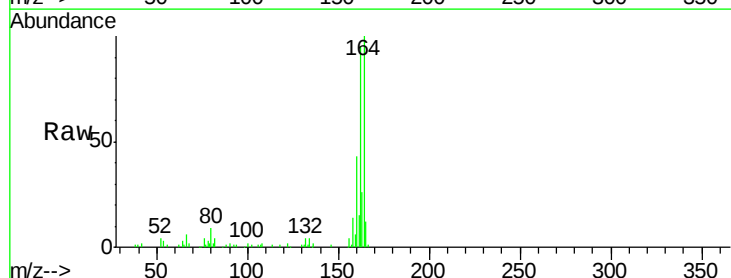
Tgt Ion:164 Resp: 63061

Ion Ratio Lower Upper

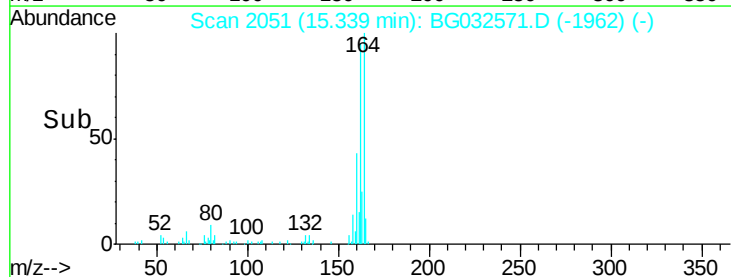
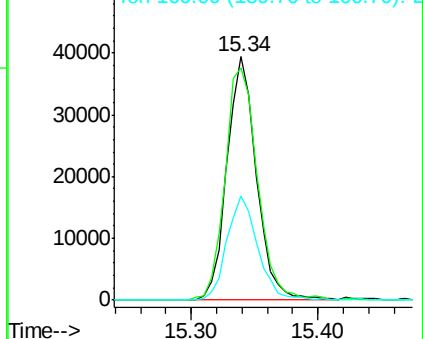
164 100

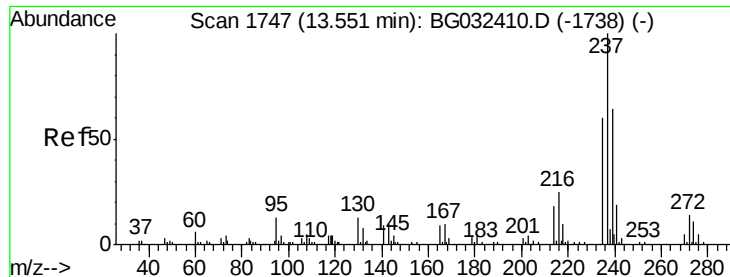
162 95.1 78.8 118.2

160 42.9 35.4 53.0



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

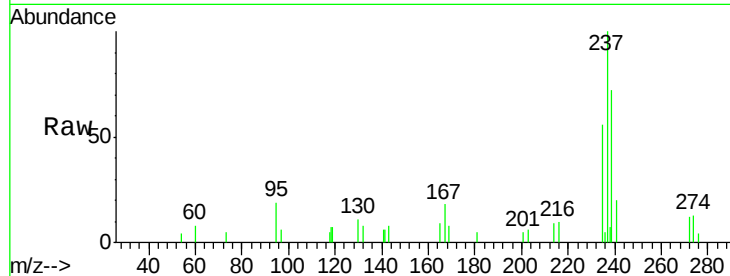




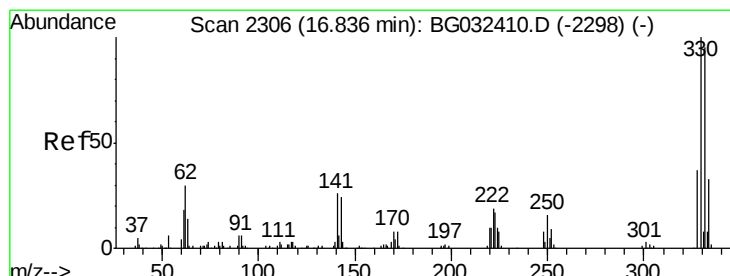
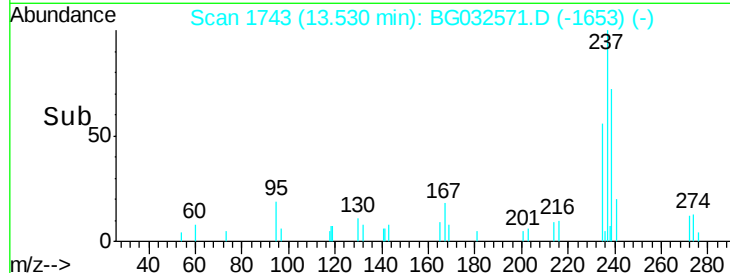
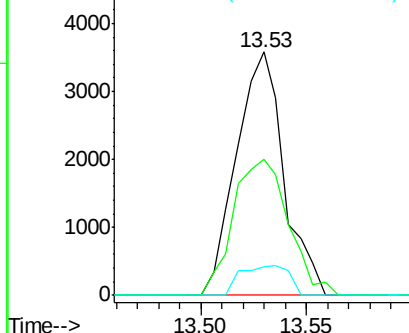
#40
Hexachlorocyclopentadiene
Concen: 3.028 ng
RT: 13.53 min Scan# 1743
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tot Ion:237 Resp: 5582
Ion Ratio Lower Upper
237 100
235 55.9 50.4 90.4
272 11.7 0.0 31.8

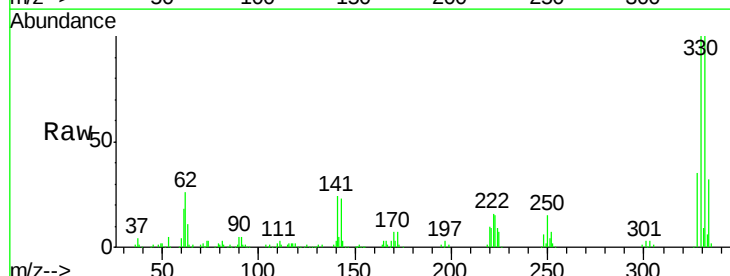


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

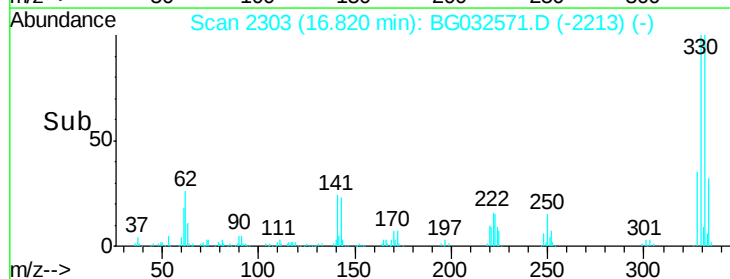
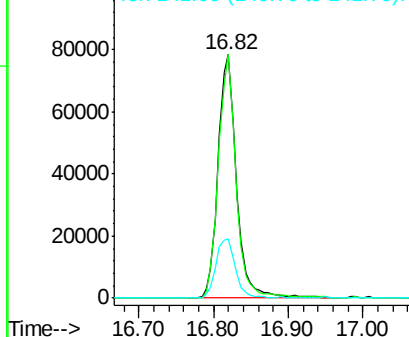


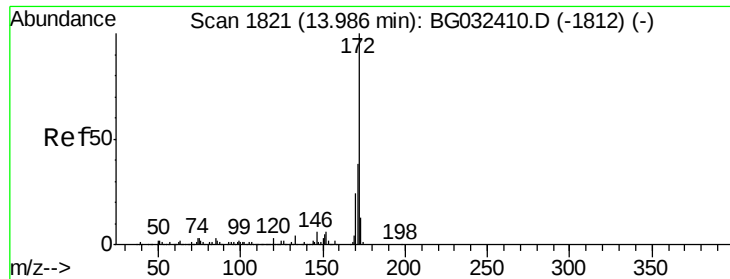
#41
2,4,6-Tribromophenol
Concen: 111.707 ng
RT: 16.82 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:330 Resp: 134089
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 25.7 25.2 37.8



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

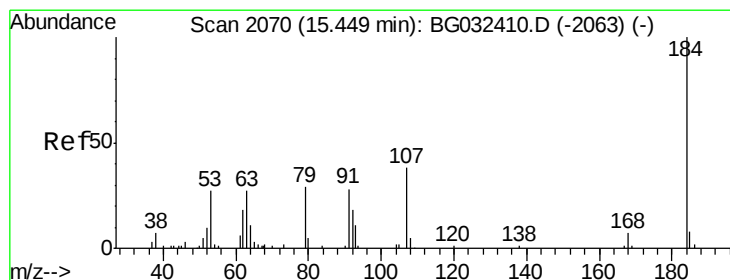
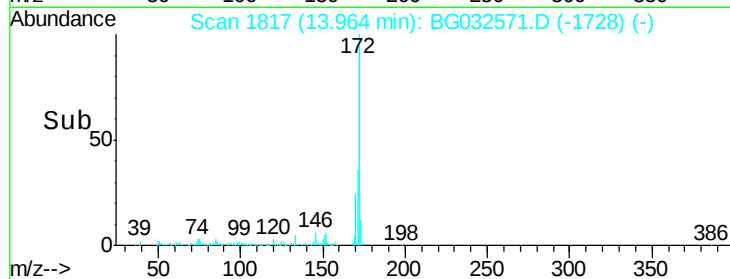
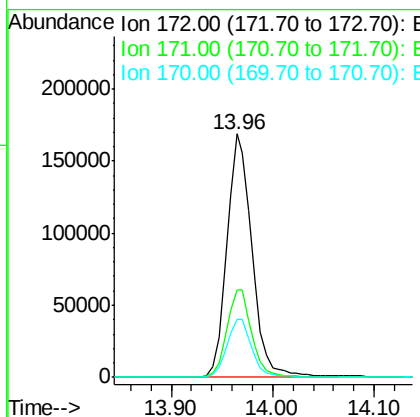
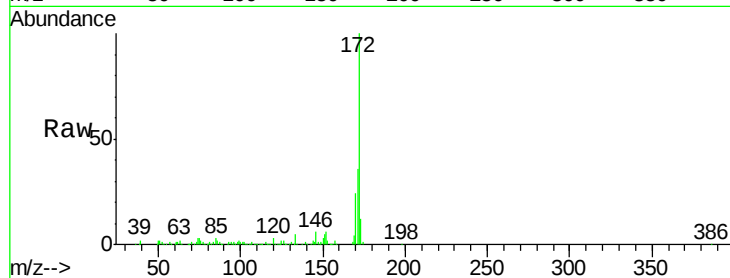




#44
2-Fluorobiphenyl
Concen: 54.384 ng
RT: 13.96 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

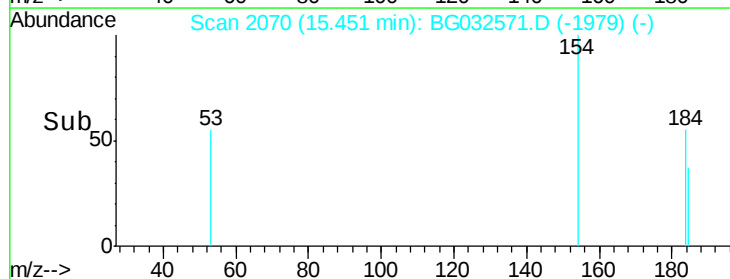
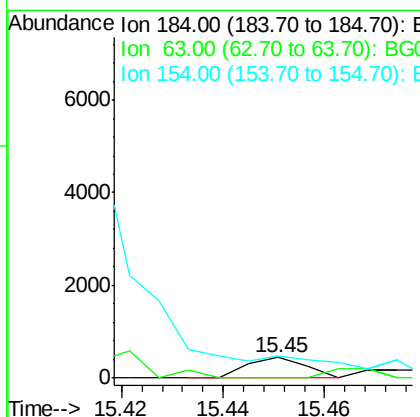
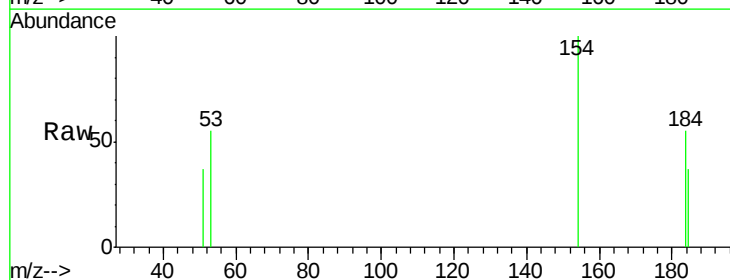
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

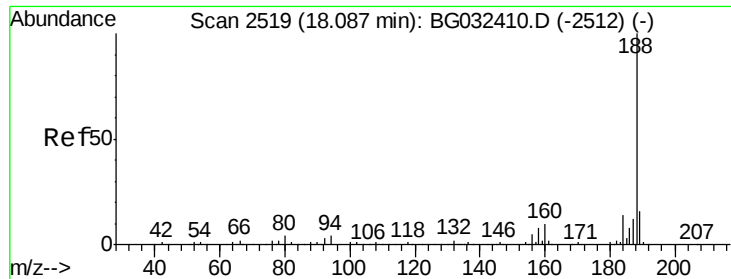
Tot Ion:172 Resp: 288543
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 23.6 19.5 29.3



#53
2,4-Dinitrophenol
Concen: 4.546 ng
RT: 15.45 min Scan# 2070
Delta R.T. 0.01 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:184 Resp: 355
Ion Ratio Lower Upper
184 100
63 0.0 59.8 89.8#
154 109.1 101.8 152.8

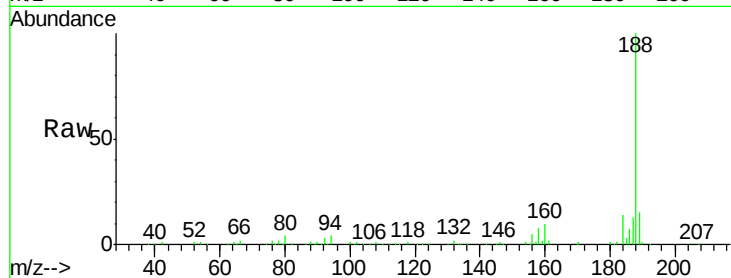




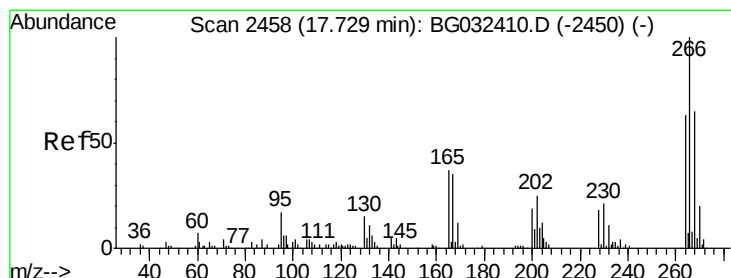
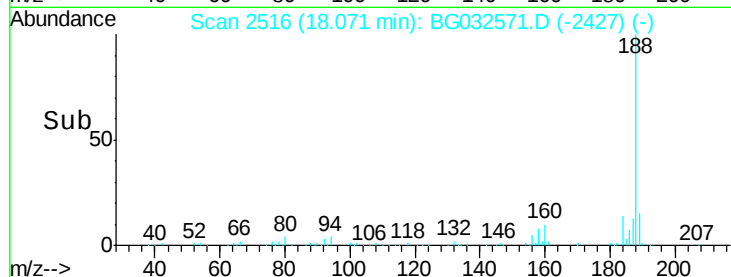
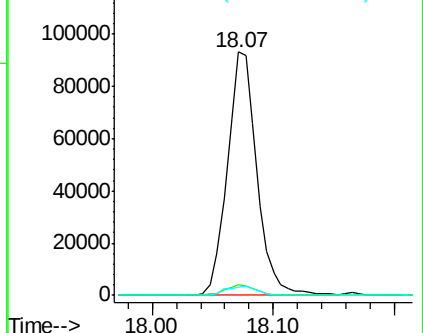
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Tot Ion:188 Resp: 158242
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 3.6 7.7 11.5#

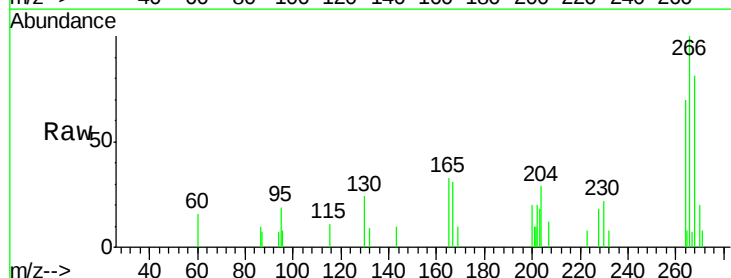


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

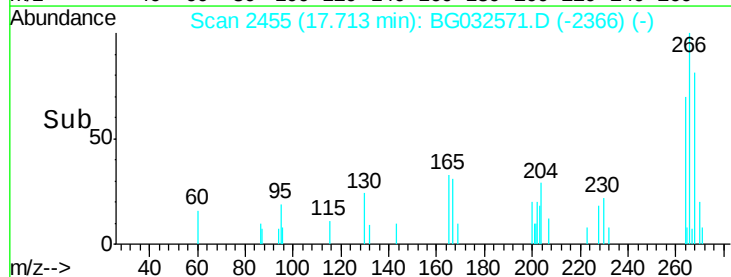
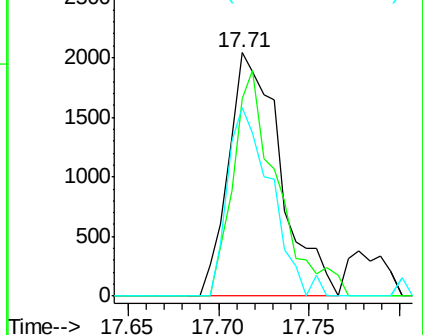


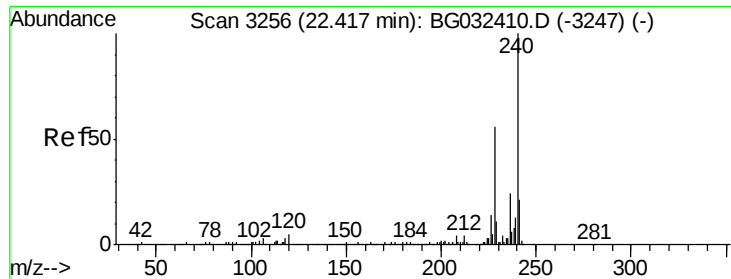
#69
Pentachlorophenol
Concen: 2.518 ng
RT: 17.71 min Scan# 2455
Delta R.T. -0.00 min
Lab File: BG032571.D
Acq: 6 Feb 2018 18:25

Tgt Ion:266 Resp: 4092
Ion Ratio Lower Upper
266 100
268 81.0 51.1 76.7#
264 77.5 49.6 74.4#



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

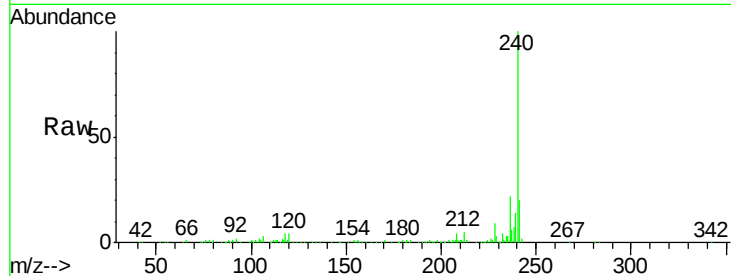




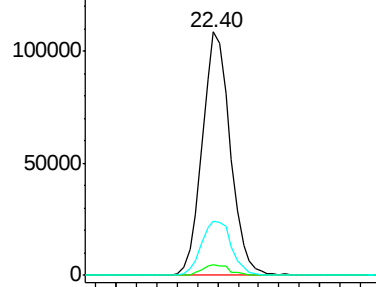
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.40 min Scan# 3252
 Delta R.T. -0.01 min
 Lab File: BG032571.D
 Acq: 6 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

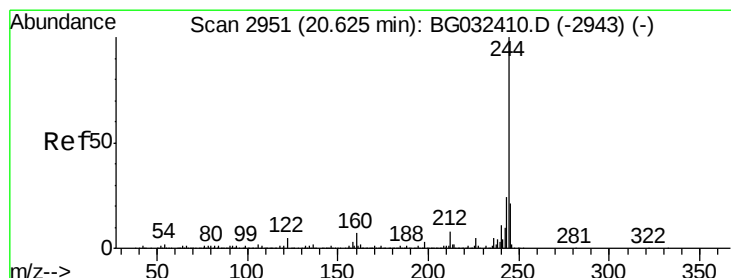
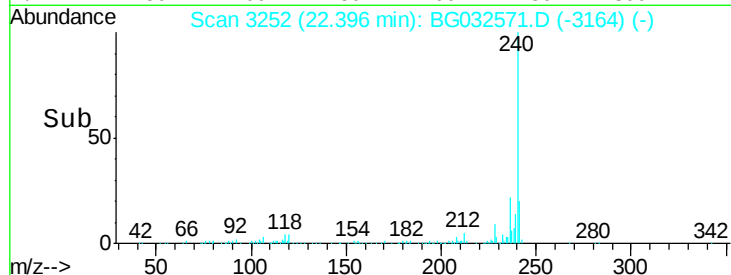
Tot Ion	Ratio	Lower	Upper
240	100		
120	4.4	6.8	10.2#
236	22.2	20.9	31.3



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

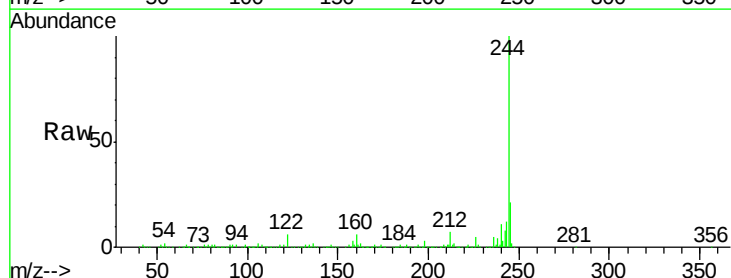


Time-->

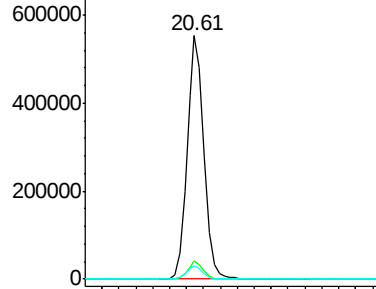


#78
 Terphenyl-d14
 Concen: 78.779 ng
 RT: 20.61 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: BG032571.D
 Acq: 6 Feb 2018 18:25

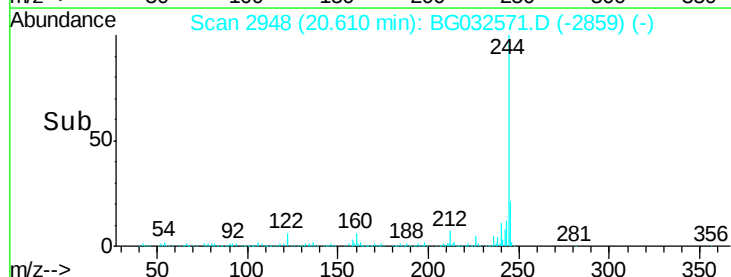
Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	5.7	7.0	10.4#

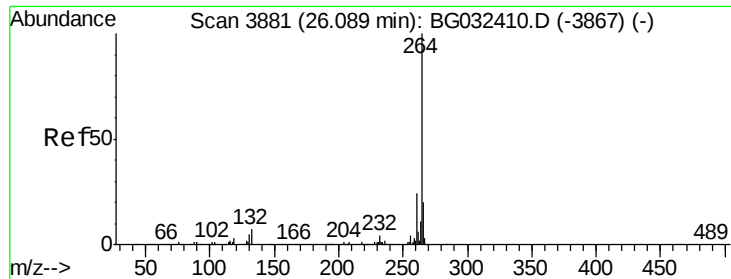


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.07 min Scan# 3877
 Delta R.T. 0.00 min
 Lab File: BG032571.D
 Acq: 6 Feb 2018 18:25

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2018

Tot Ion:	264	Resp:	233341
Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.4	26.0
265	21.2	17.7	26.5

