

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032570.D
 Acq On : 6 Feb 2018 17:48
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD-W-5 ppm
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 2/7/2018 4:14:33 PM

Quant Time: Feb 07 13:53:38 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	21992	20.00	ng	0.00
21) Naphthalene-d8	11.58	136	88227	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	46341	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	116510	20.00	ng	0.00
75) Chrysene-d12	22.40	240	158430	20.00	ng	-0.01
86) Perylene-d12	26.06	264	241377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	123759	113.03	ng	0.00
7) Phenol-d6	7.82	99	164636	112.68	ng	0.00
23) Nitrobenzene-d5	9.90	82	112917	79.94	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	124792	141.47	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	317636	81.47	ng	0.00
78) Terphenyl-d14	20.61	244	656534	88.77	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.80	88	1338	3.632	ng	# 50
3) Pyridine	4.26	79	2600	2.614	ng	# 76
4) n-Nitrosodimethylamine	4.18	42	1243	2.400	ng	# 55
32) Benzoic acid	10.83	122	140	7.418	ng	# 1
33) 4-Chloroaniline	11.76	127	1693	0.881	ng	# 84
35) Caprolactam	12.47	113	1035	2.297	ng	# 16
52) 3-Nitroaniline	15.25	138	1008	1.287	ng	# 38
55) 4-Nitrophenol	15.54	139	1067m	1.819	ng	
64) 4,6-Dinitro-2-methylphenol	16.44	198	1433m	1.646	ng	

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

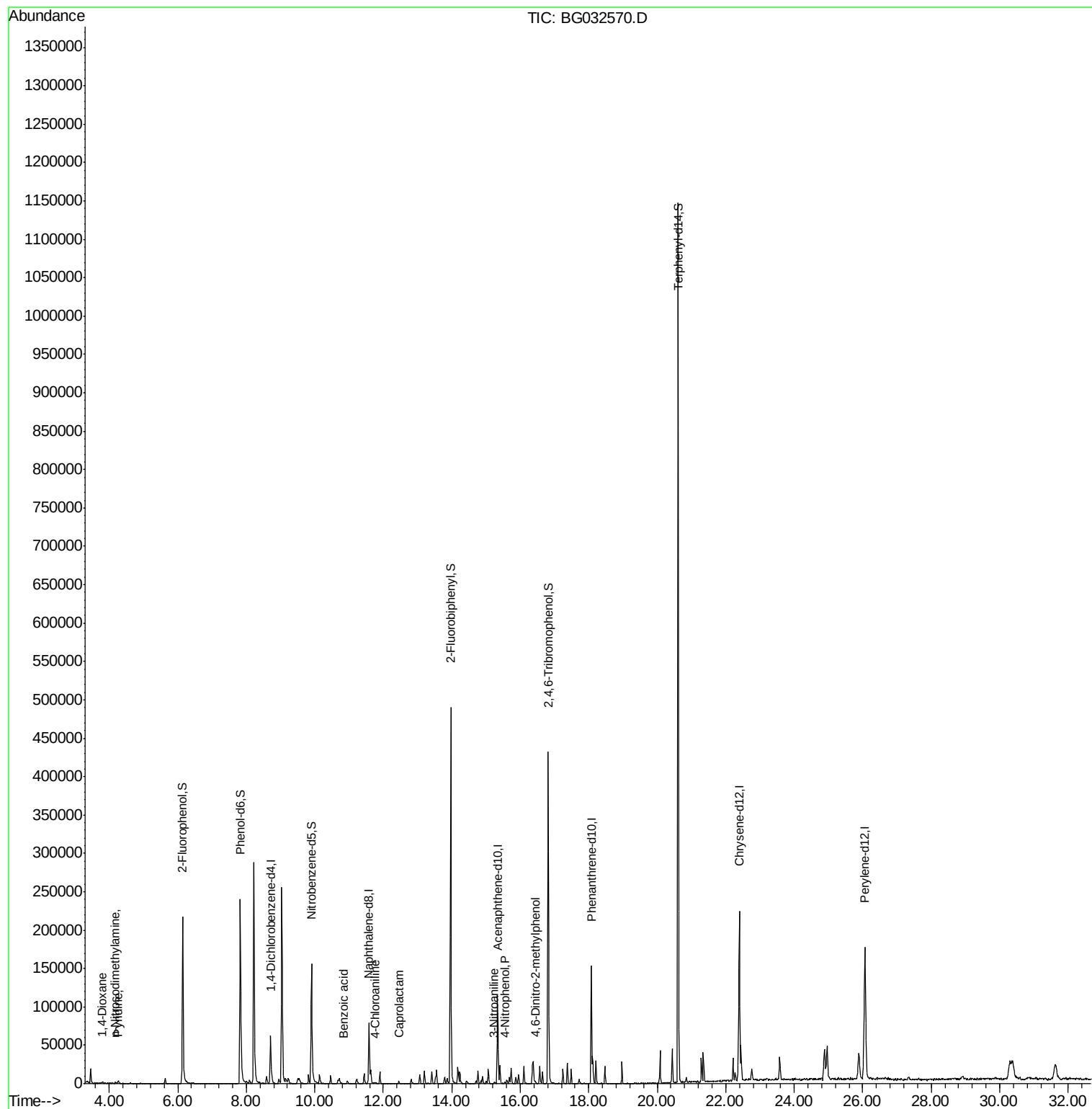
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
Data File : BG032570.D
Acq On : 6 Feb 2018 17:48
Operator : SJ/JU
Sample : J1161-07
Misc : LOD-W-5 ppm
ALS Vial : 7 Sample Multiplier: 1

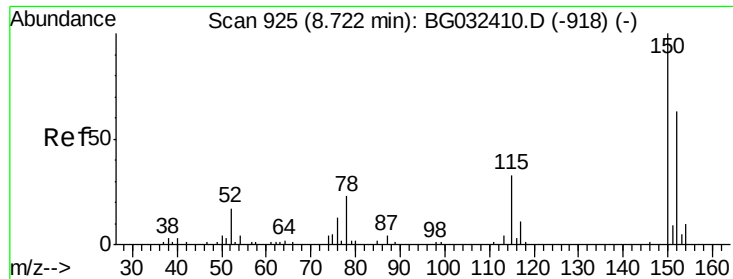
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2018

Manual Integrations
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2/7/2018 4:14:33 PM

Quant Time: Feb 07 13:53:38 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





#1

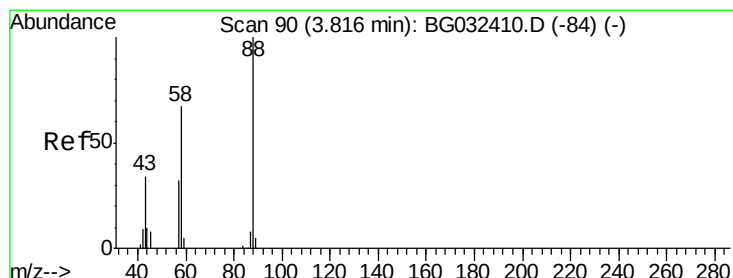
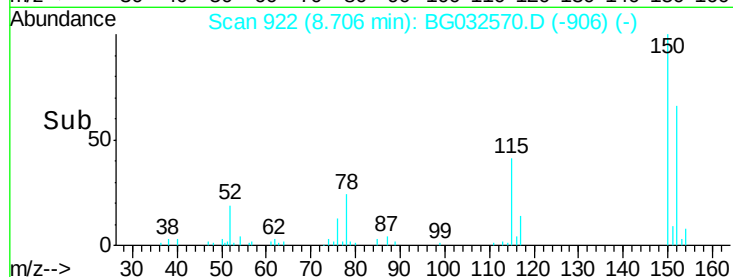
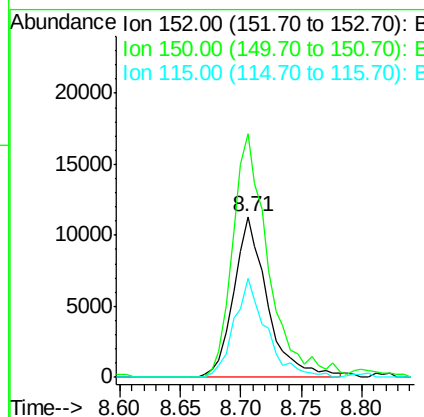
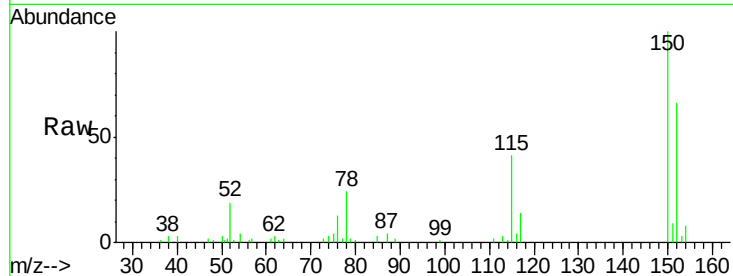
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.6	189.8
115	61.5	53.0	79.4

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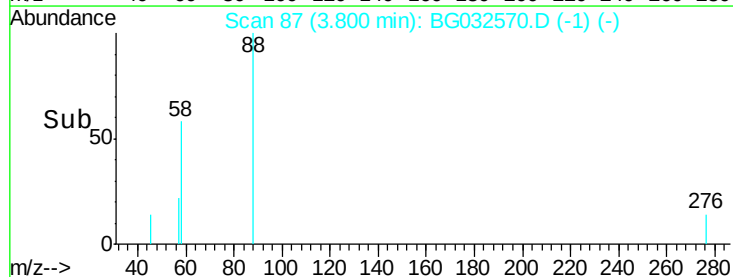
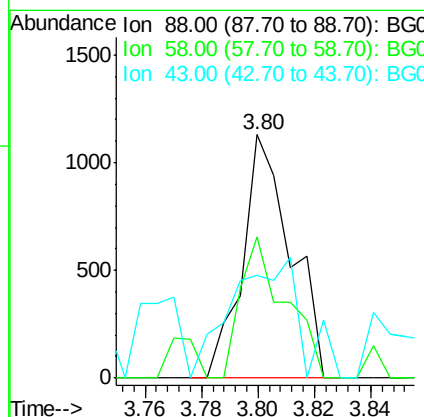
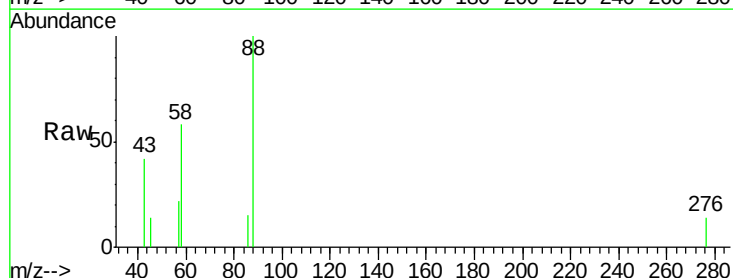
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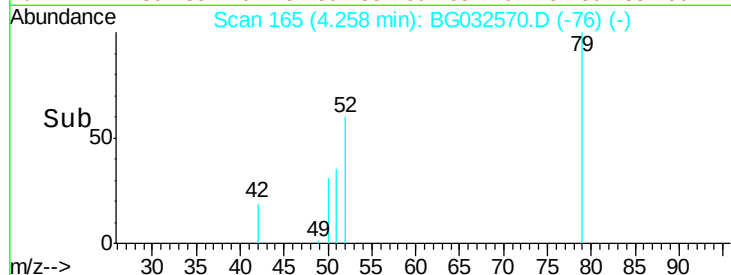
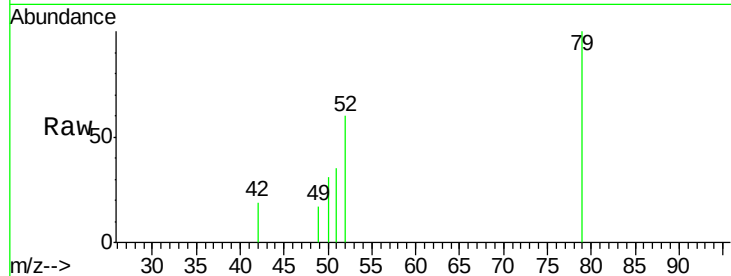
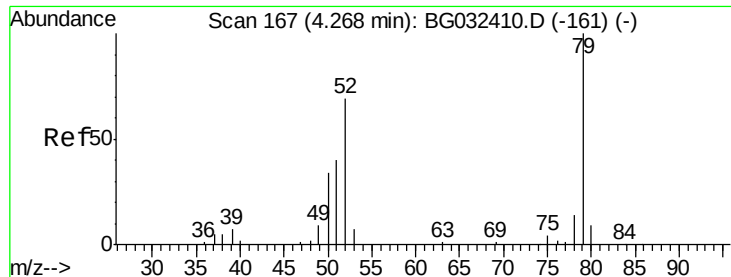


#2

1,4-Dioxane
Concen: 3.632 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	53.8	79.6	119.4#
43	70.6	27.4	41.0#





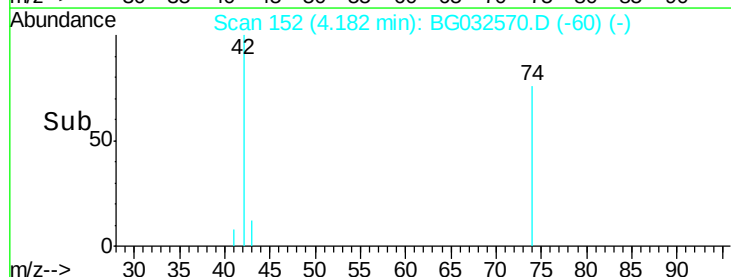
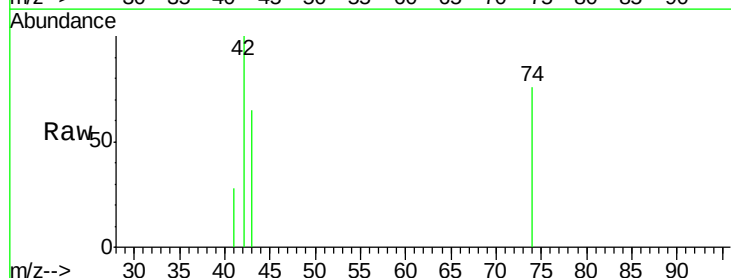
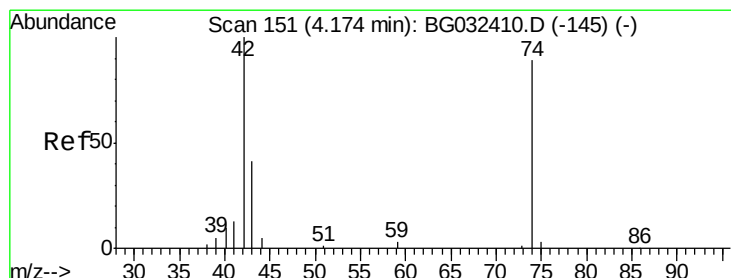
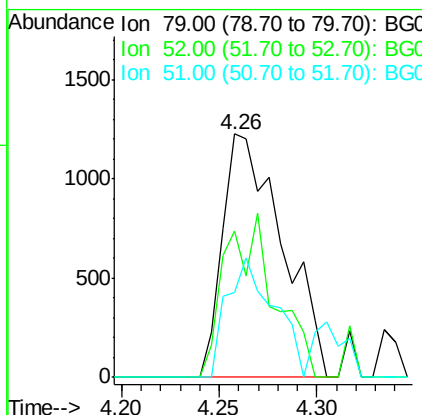
#3
 Pvridine
 Concen: 2.614 ng
 RT: 4.26 min Scan# 165
 Delta R.T. -0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	60.3	69.9	104.9#
51	34.7	34.0	51.0

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

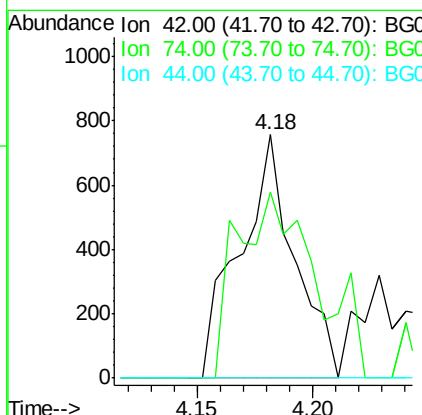
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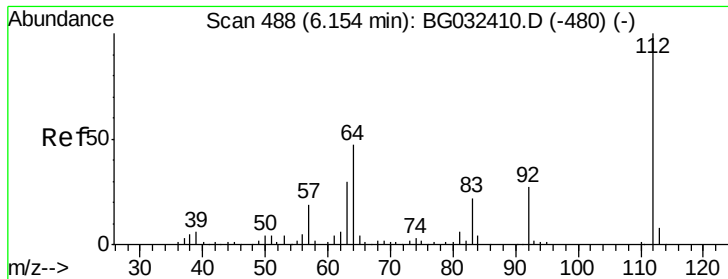
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#4
 n-Nitrosodimethylamine
 Concen: 2.400 ng
 RT: 4.18 min Scan# 152
 Delta R.T. 0.01 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	76.4	102.5	153.7#
44	0.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 113.031 ng

RT: 6.14 min Scan# 486

Delta R.T. 0.00 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Instrument :

BNA_G

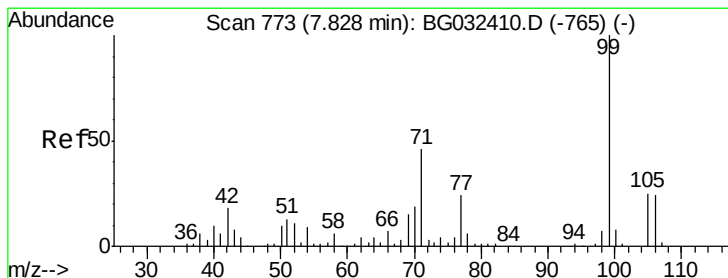
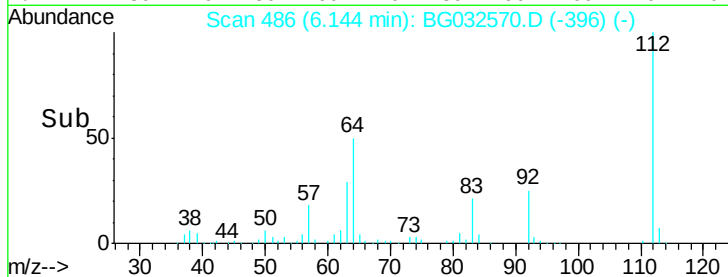
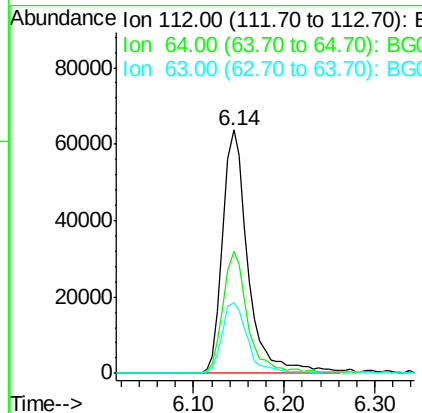
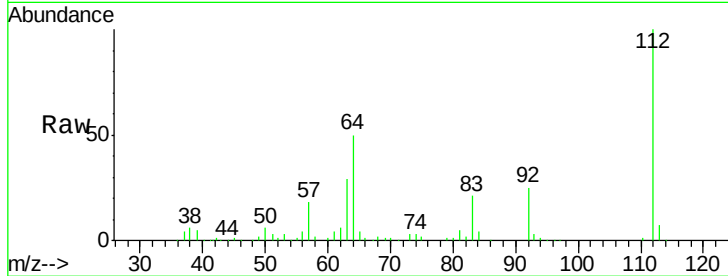
ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

Tot Ion	Ratio	Resp	Lower	Upper
112	100	123759		
64	50.1	56.3	84.5#	
63	29.1	30.1	45.1#	

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#7

Phenol-d6

Concen: 112.682 ng

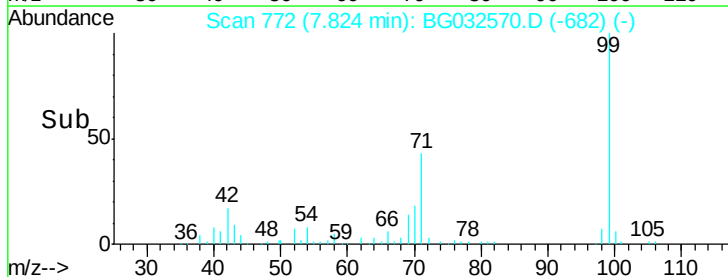
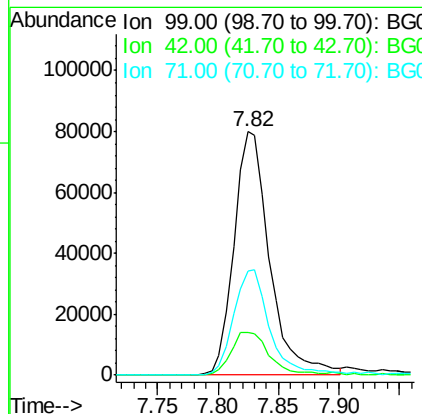
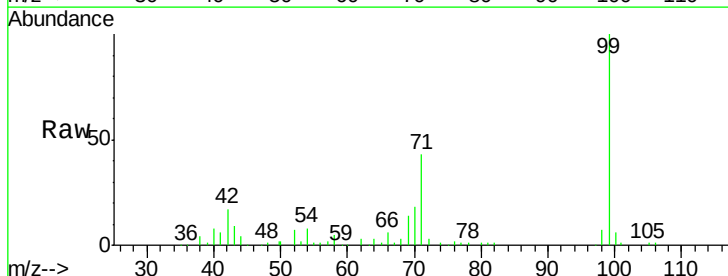
RT: 7.82 min Scan# 772

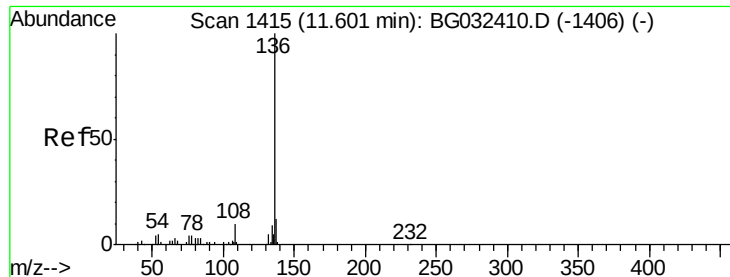
Delta R.T. 0.00 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	164636		
42	17.5	14.1	21.1	
71	42.6	26.1	39.1#	





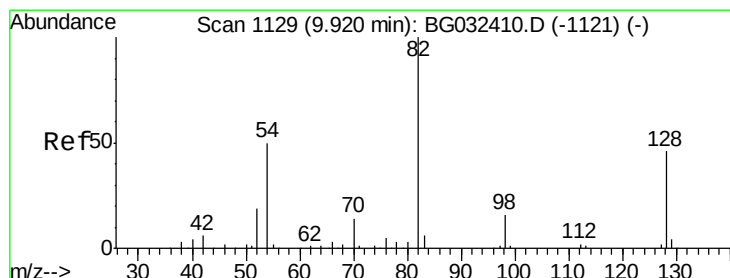
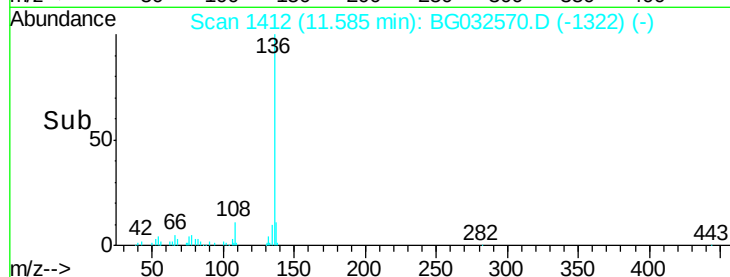
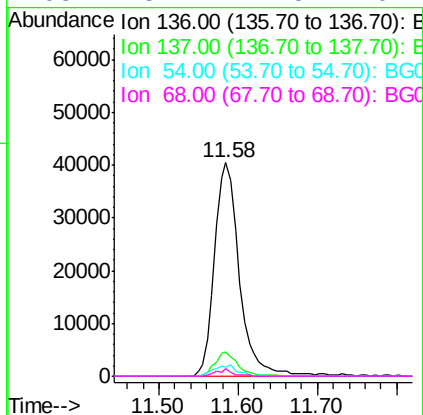
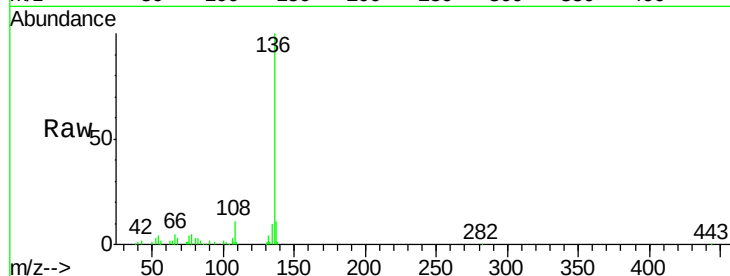
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.58 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	11.3		9.2	13.8	
54	4.5		10.3	15.5	
68	3.4		4.5	6.7	

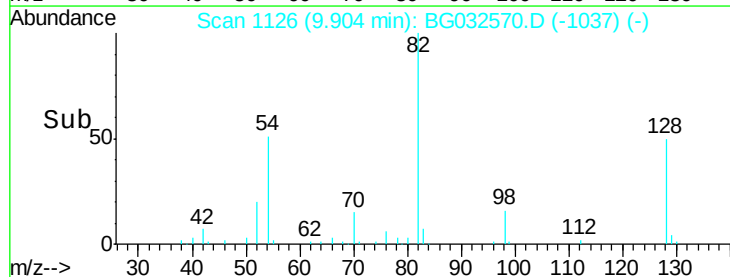
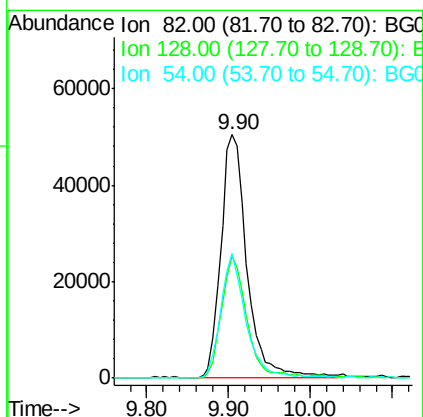
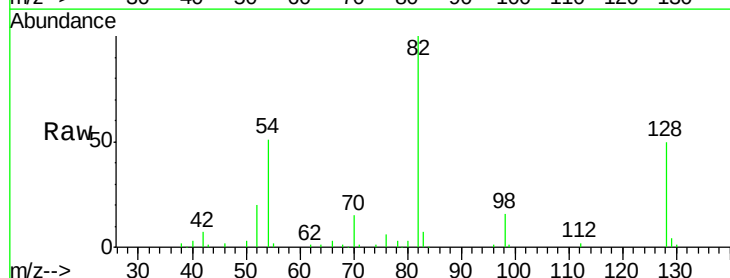
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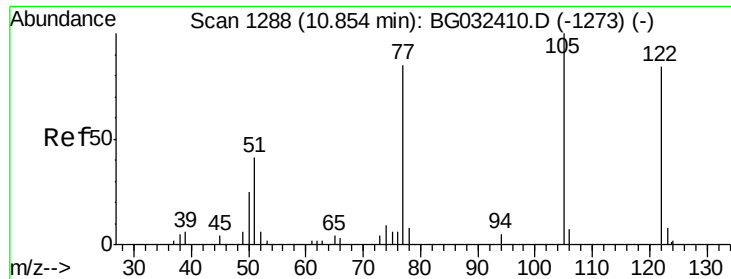
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#23
Nitrobenzene-d5
Concen: 79.940 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.00 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	49.9		29.7	44.5	
54	51.2		43.1	64.7	





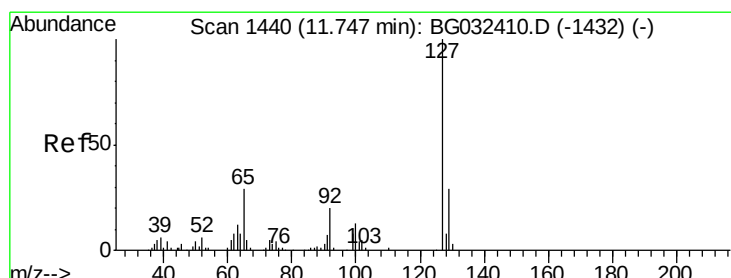
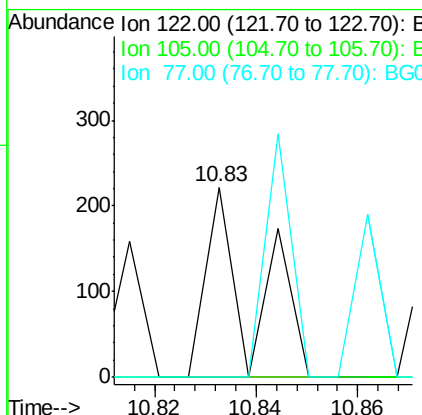
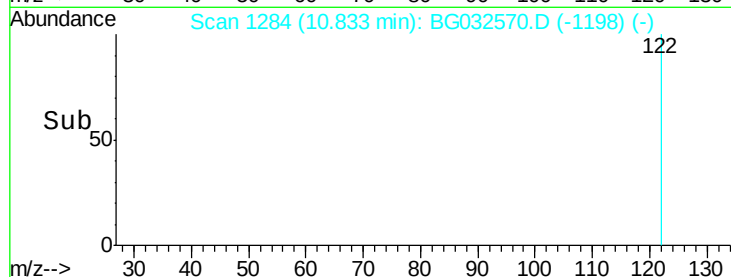
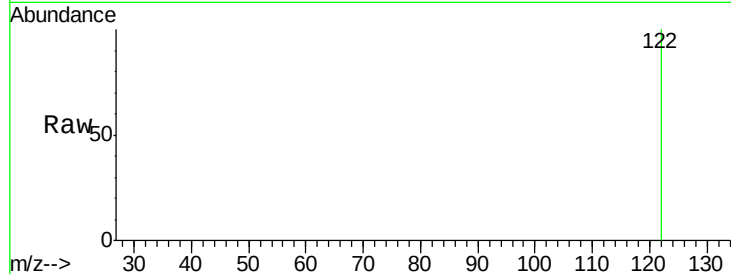
#32
Benzoic acid
Concen: 7.418 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

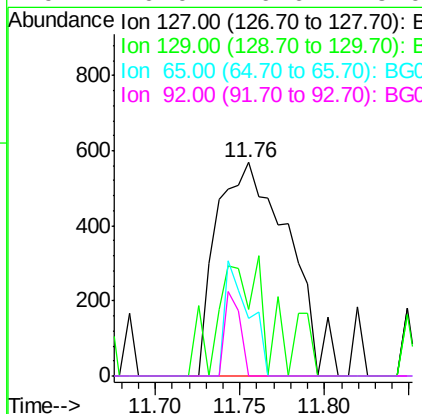
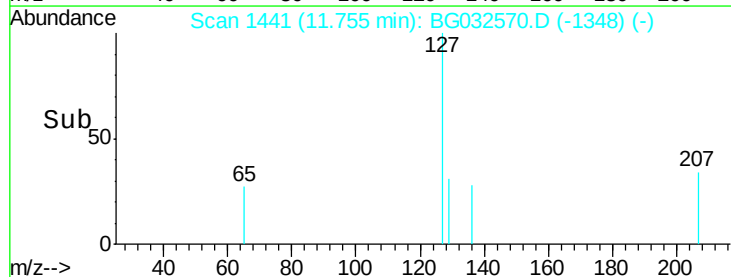
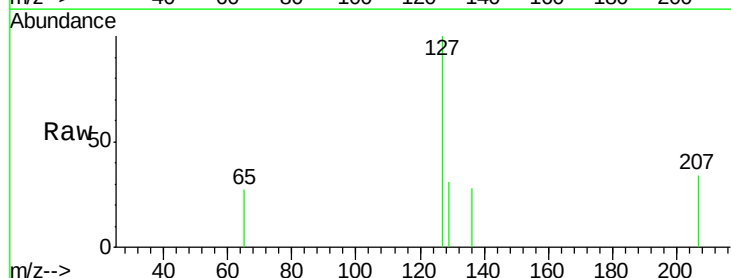
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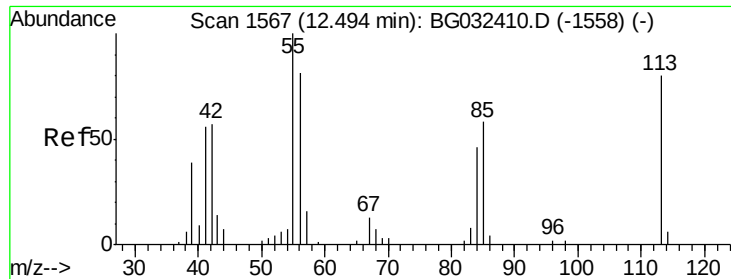
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#33
4-Chloroaniline
Concen: 0.881 ng
RT: 11.76 min Scan# 1441
Delta R.T. 0.02 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.1	24.0	36.0
65	27.2	27.0	40.4
92	0.0	16.6	25.0#





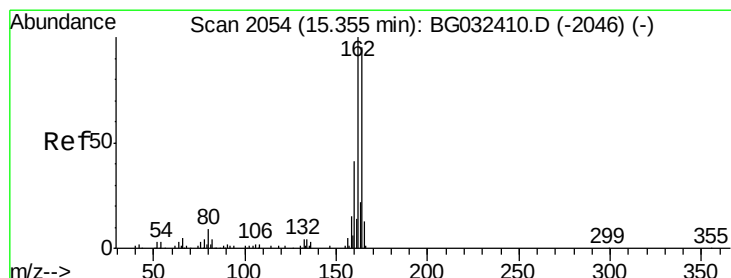
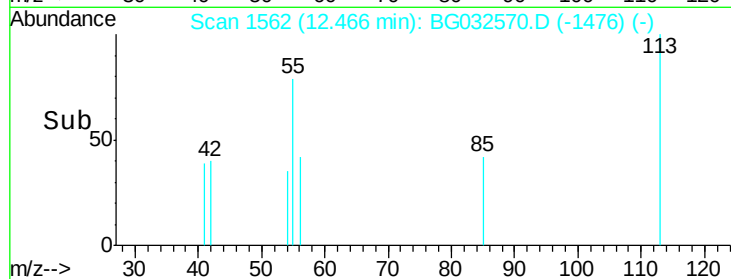
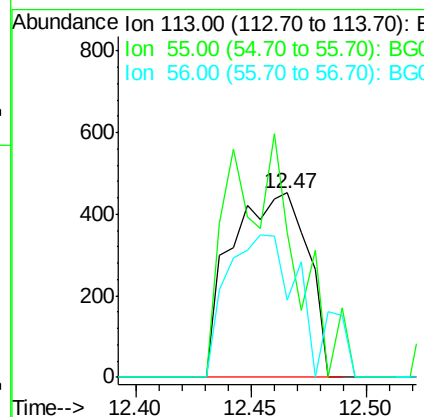
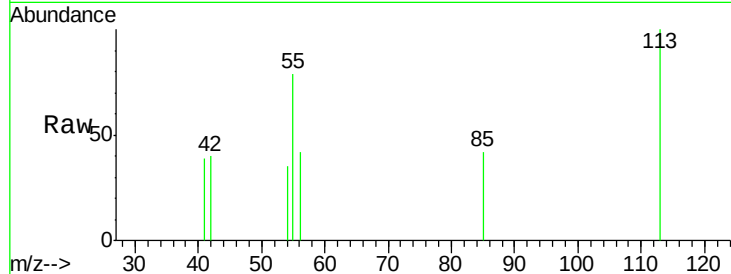
#35
 Caprolactam
 Concen: 2.297 ng
 RT: 12.47 min Scan# 1562
 Delta R.T. -0.02 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	78.5	186.9	226.9#
56	42.0	130.9	170.9#

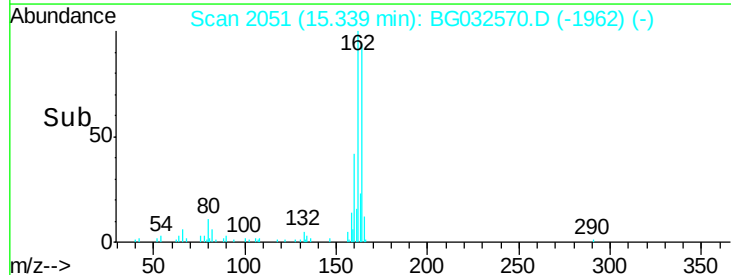
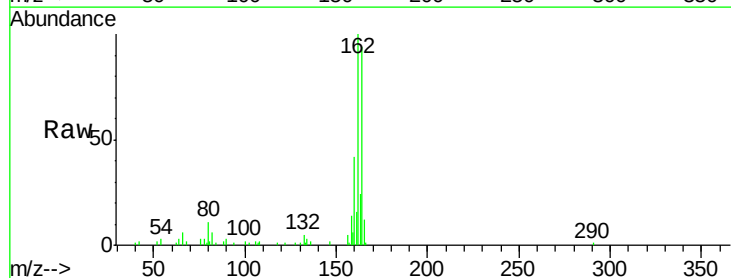
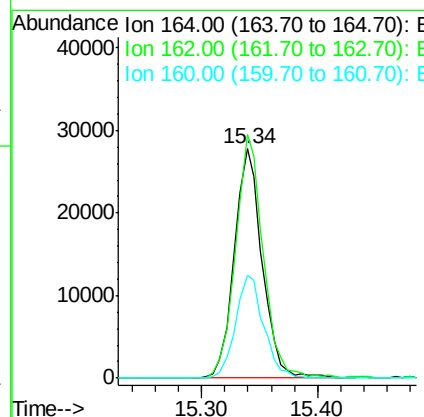
Manual Integrations
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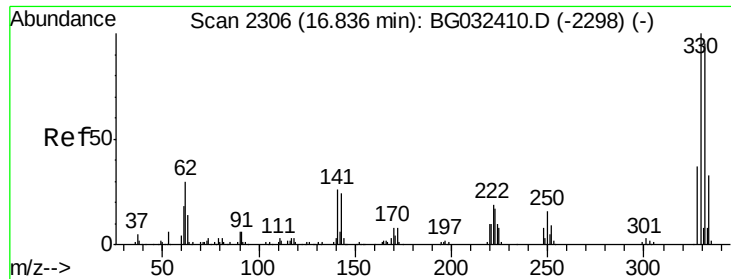
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	78.8	118.2
160	44.7	35.4	53.0





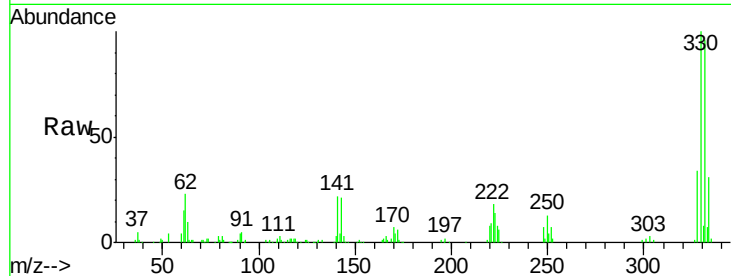
#41
 2,4,6-Tribromophenol
 Concen: 141.471 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. 0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	124792		
332	94.3	77.0	115.6	
141	22.9	25.2	37.8	

Manual Integrations
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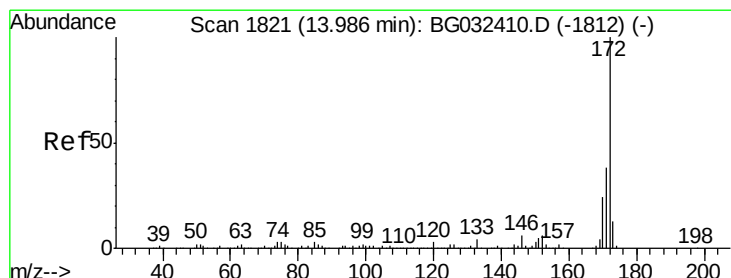
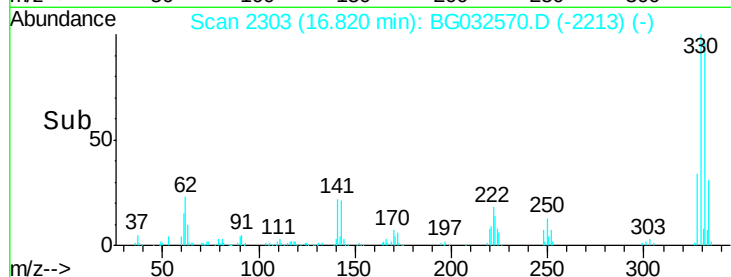
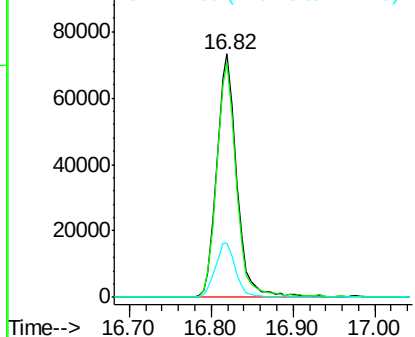


Abundance

Ion 329.80 (329.50 to 330.50): E

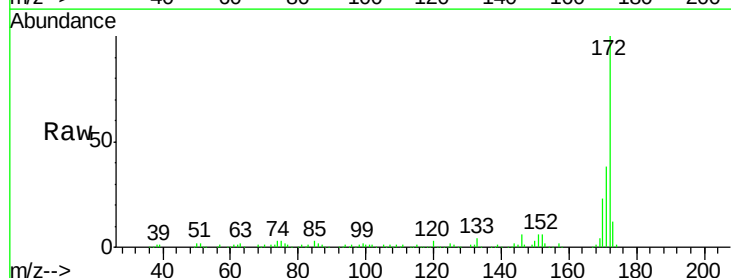
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 81.468 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. 0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	317636		
171	38.2	30.0	45.0	
170	22.9	19.5	29.3	

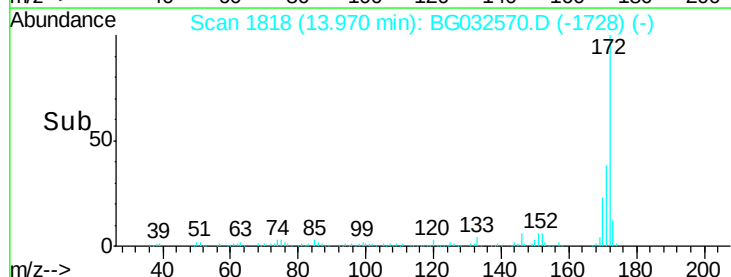
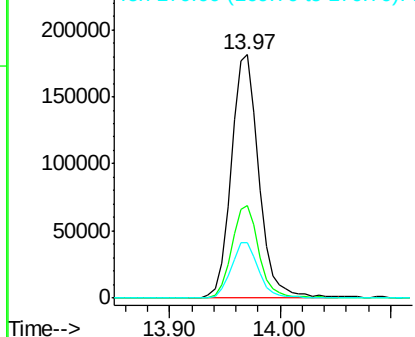


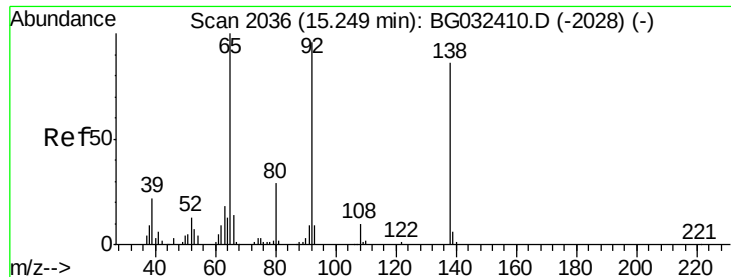
Abundance

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





#52

3-Nitroaniline

Concen: 1.287 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Instrument :

BNA_G

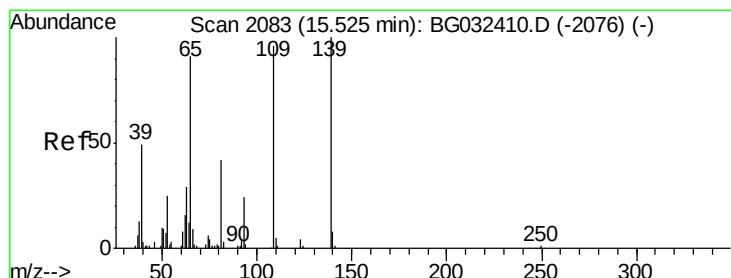
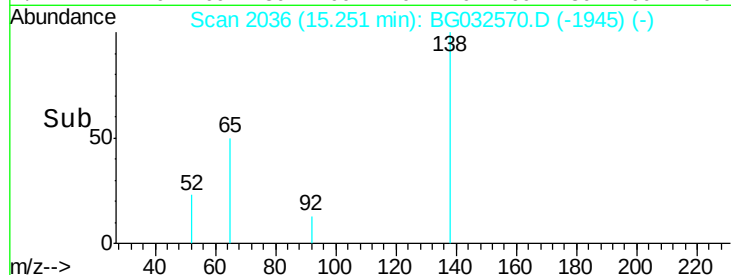
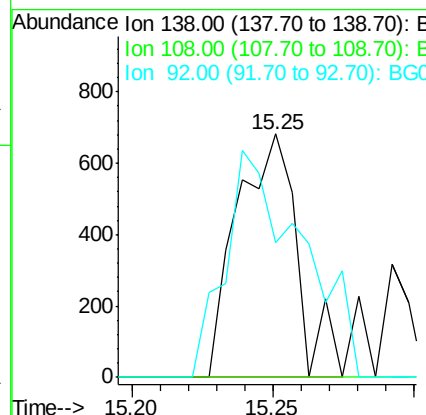
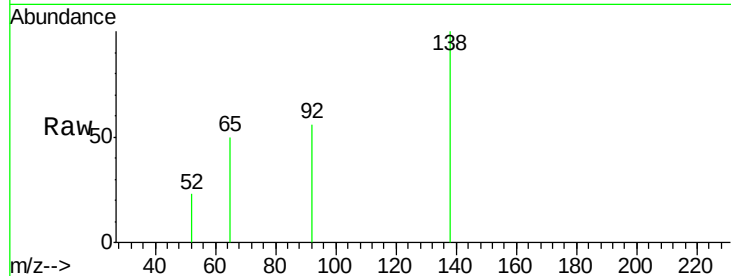
ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

Tot Ion	Ratio	Lower	Upper
138	100		
108	0.0	17.5	26.3#
92	55.6	105.8	158.8#

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#55

4-Nitrophenol

Concen: 1.819 ng m

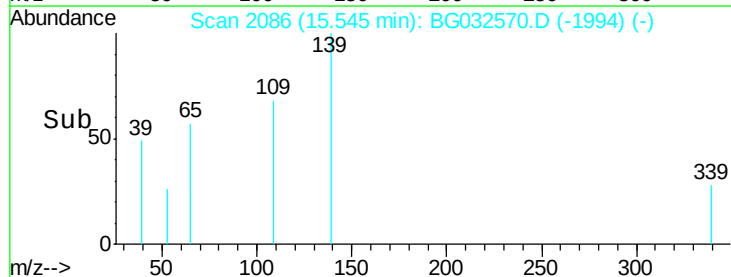
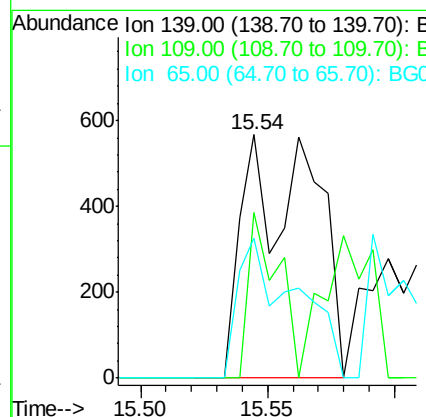
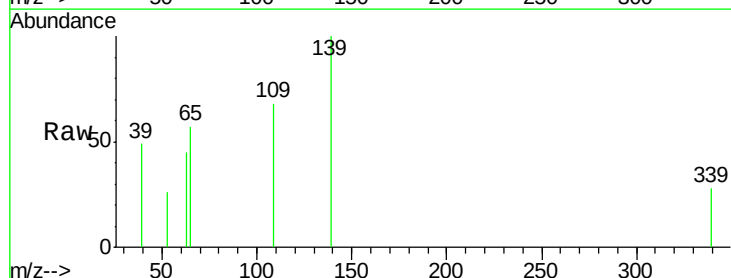
RT: 15.54 min Scan# 2086

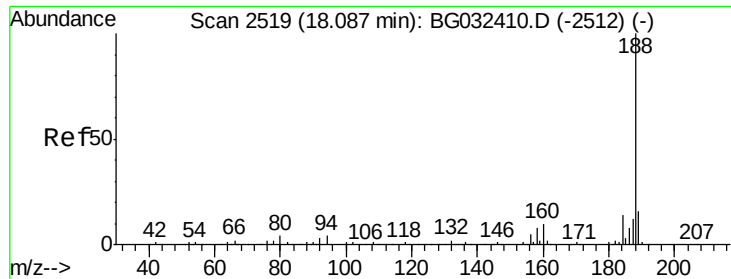
Delta R.T. 0.01 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.1	62.2	102.2
65	57.3	97.2	137.2#





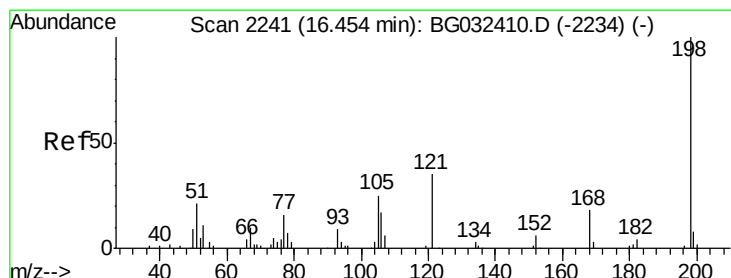
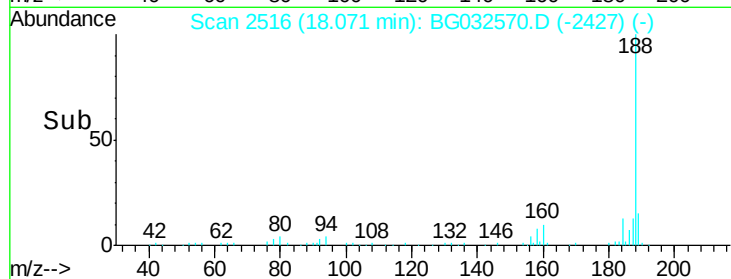
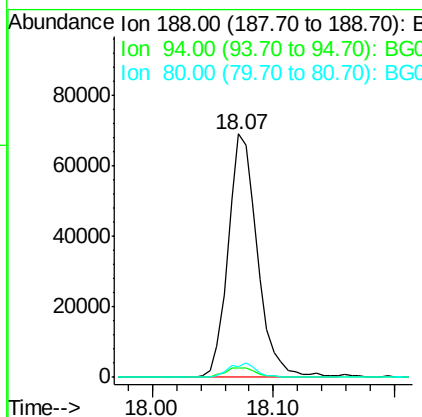
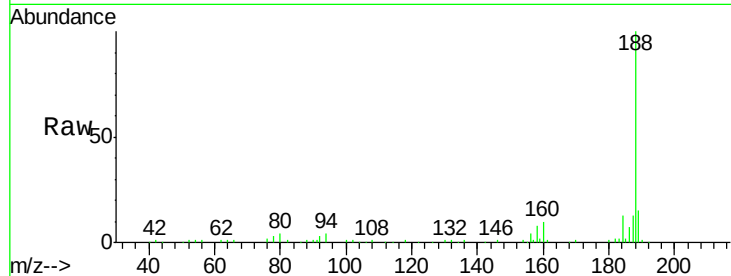
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	3.9	6.9	10.3#
80	4.5	7.7	11.5#

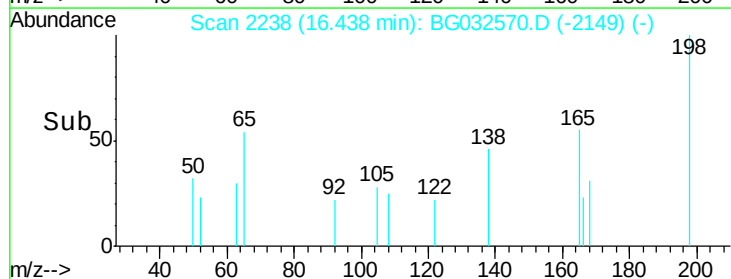
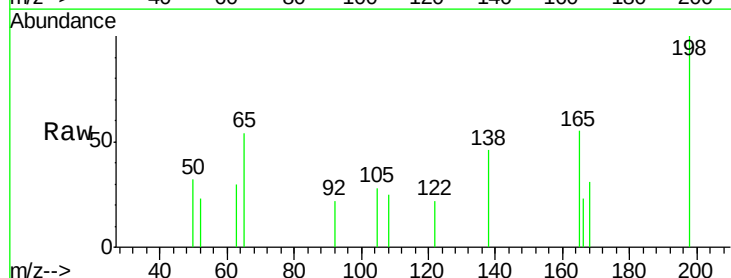
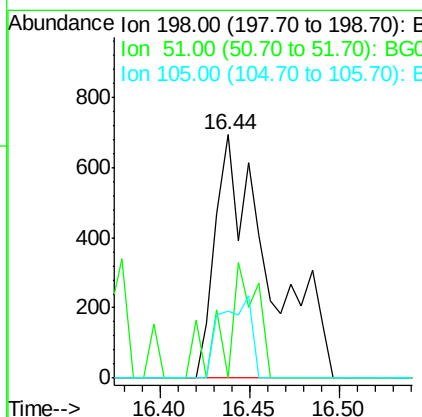
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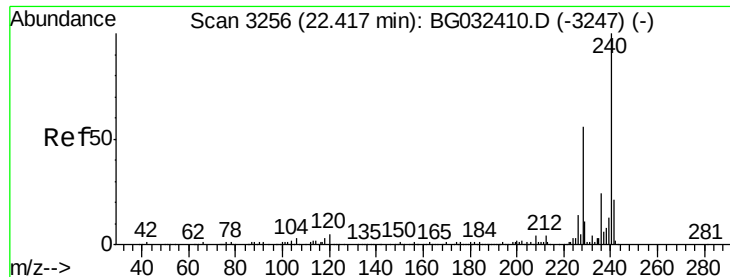
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 1.646 ng m
 RT: 16.44 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BG032570.D
 Acq: 6 Feb 2018 17:48

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	27.7	23.8	63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Instrument :

BNA_G

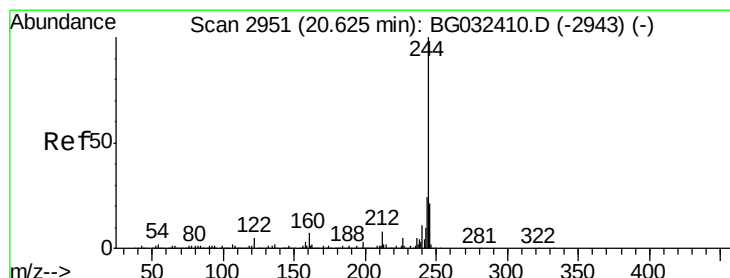
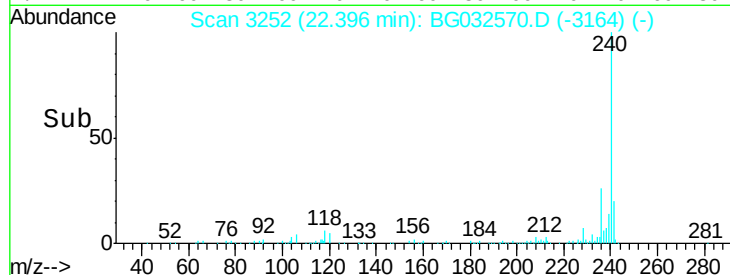
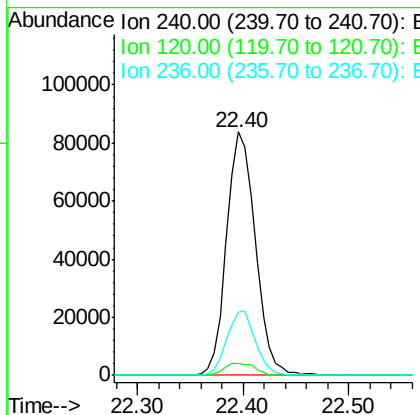
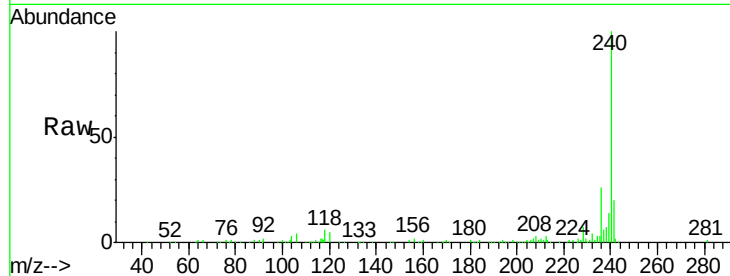
ClientSampleId :

LOD-MDL-WATER-01-QT1-2018

Tot Ion:	240	Resp:	158430
Ion Ratio	Lower	Upper	
240	100		
120	5.1	6.8	10.2#
236	25.7	20.9	31.3

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#78

Terphenyl-d14

Concen: 88.768 ng

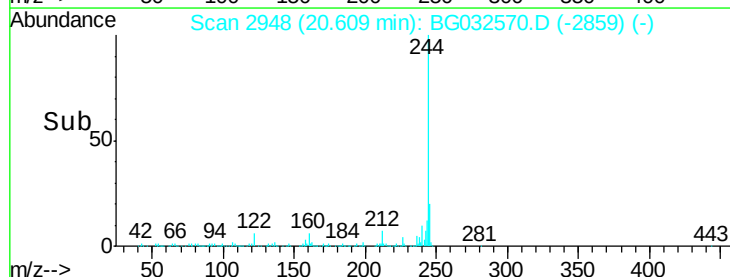
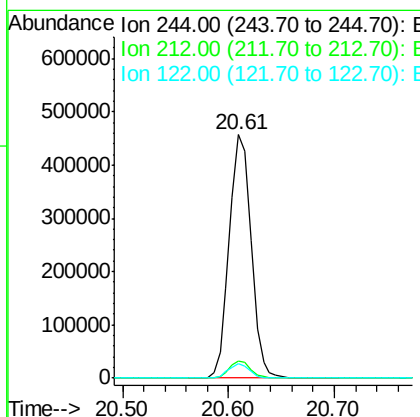
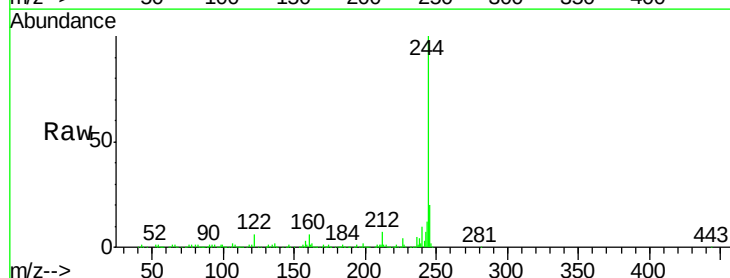
RT: 20.61 min Scan# 2948

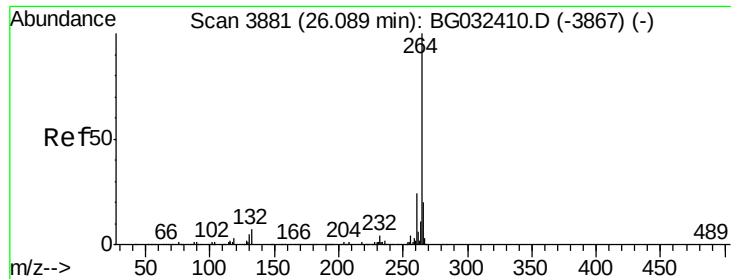
Delta R.T. -0.00 min

Lab File: BG032570.D

Acq: 6 Feb 2018 17:48

Tgt Ion:	244	Resp:	656534
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	5.8	7.0	10.4#





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BG032570.D
Acq: 6 Feb 2018 17:48

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	20.4	17.7	26.5

Manual Integrations
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