

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035854.D
 Acq On : 24 Jul 2018 19:18
 Operator : JU/SJ
 Sample : J3762-07
 Misc : LOD 5PPM
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Manual Integrations
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Sohil
 7/25/2018 6:35:01 PM

Quant Time: Jul 25 17:33:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32415	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	114853	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	83159	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	242282	20.00	ng	0.00
75) Chrysene-d12	21.66	240	297795	20.00	ng	0.00
86) Perylene-d12	24.85	264	280450	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	240263	123.06	ng	0.00
7) Phenol-d6	7.19	99	344662	118.32	ng	0.00
23) Nitrobenzene-d5	9.18	82	234834	85.41	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	156582	142.86	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	546091	87.98	ng	0.00
78) Terphenyl-d14	20.00	244	1343926	99.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.52	88	5333	5.367	ng	# 70
3) Pyridine	3.94	79	9149m	3.527	ng	
4) n-Nitrosodimethylamine	3.83	42	4066	3.650	ng	# 71
32) Benzoic acid	10.06	122	1156m	1.033	ng	
33) 4-Chloroaniline	11.02	127	6511	2.497	ng	# 86
35) Caprolactam	11.75	113	3031m	3.722	ng	
52) 3-Nitroaniline	14.58	138	4239	2.795	ng	# 81
55) 4-Nitrophenol	14.94	139	660	0.611	ng	# 80
64) 4,6-Dinitro-2-methylphenol	15.78	198	1378	1.022	ng	# 68

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

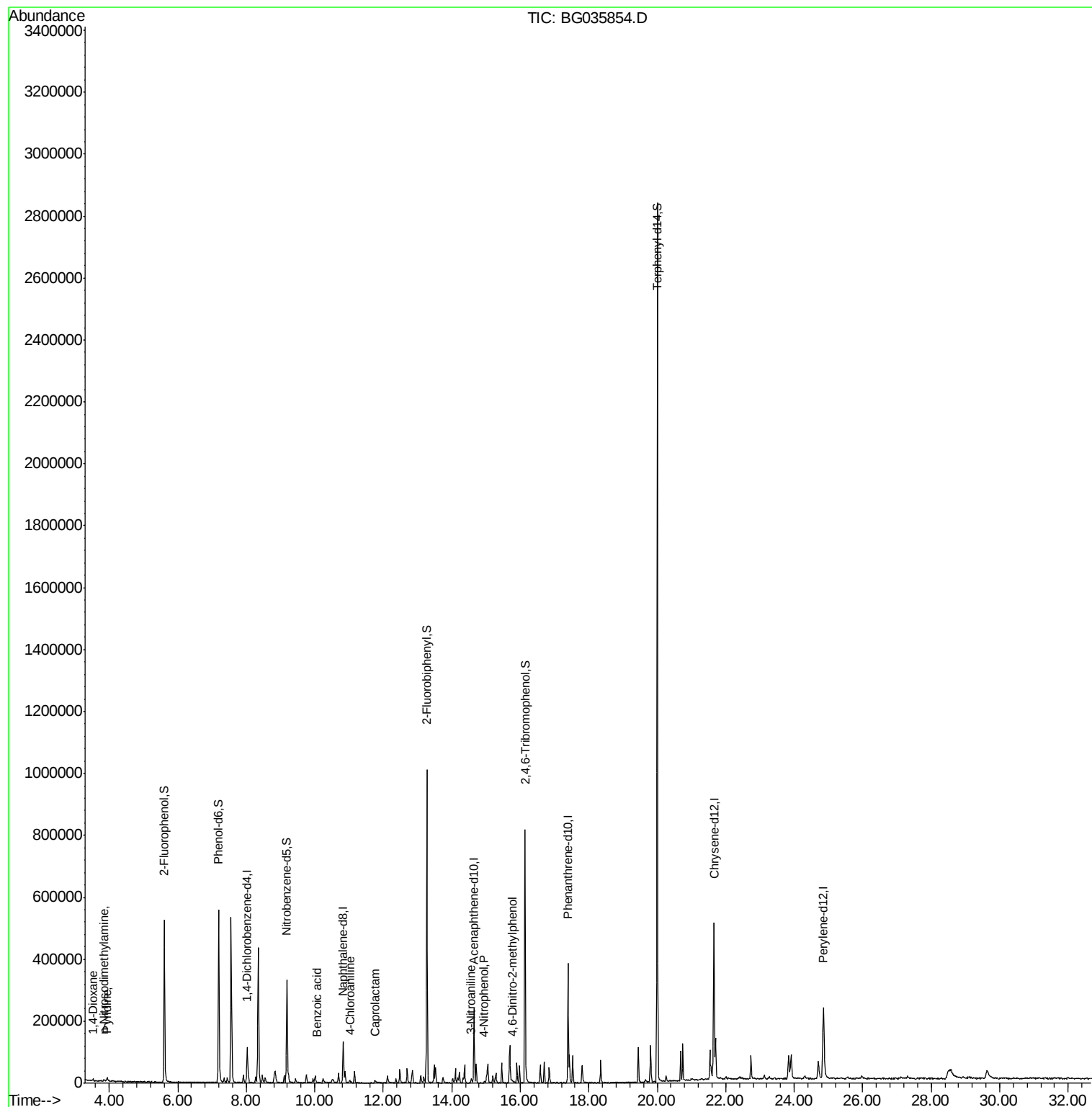
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
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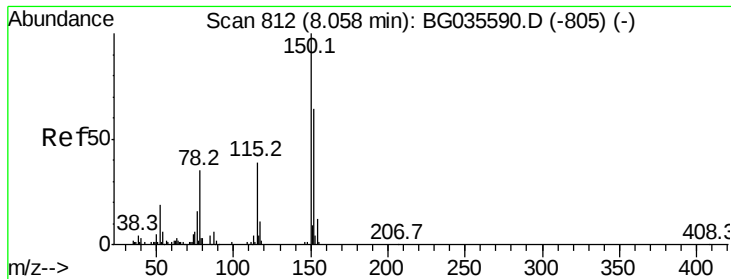
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

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7/25/2018 6:35:01 PM

Quant Time: Jul 25 17:33:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

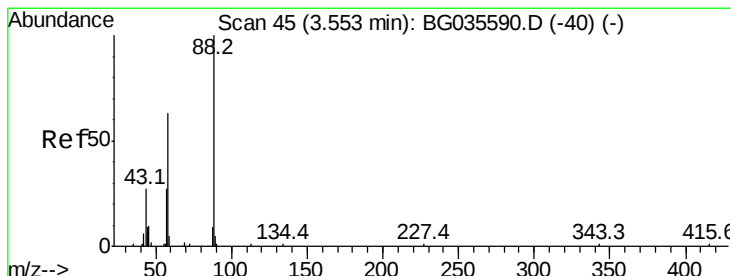
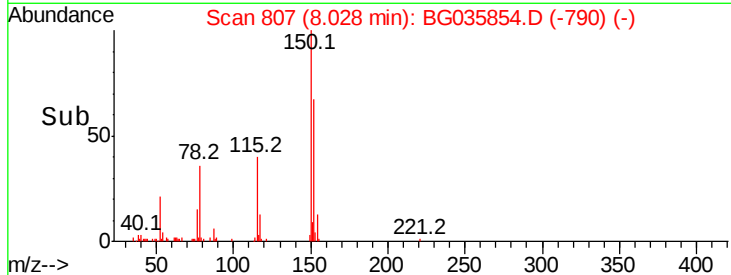
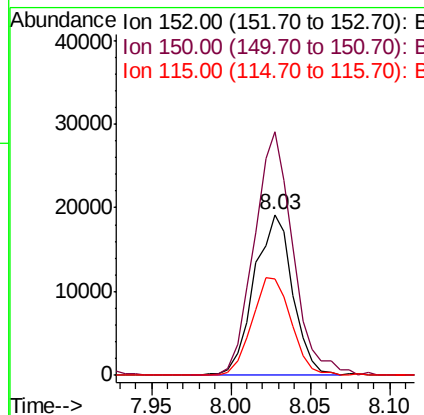
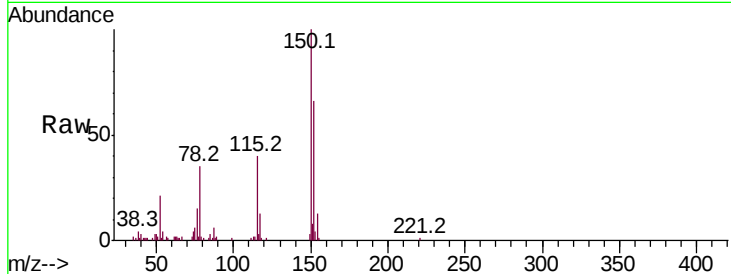
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 807
Delta R.T. -0.00 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	126.6	189.8
115	60.1	53.0	79.4

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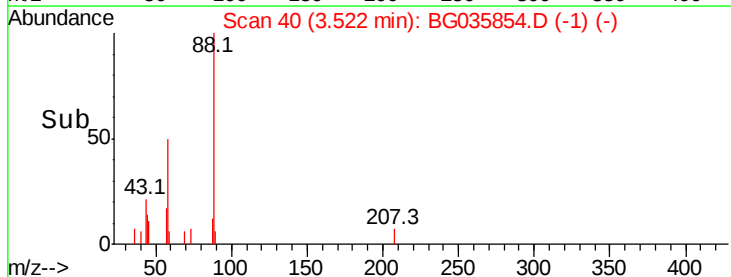
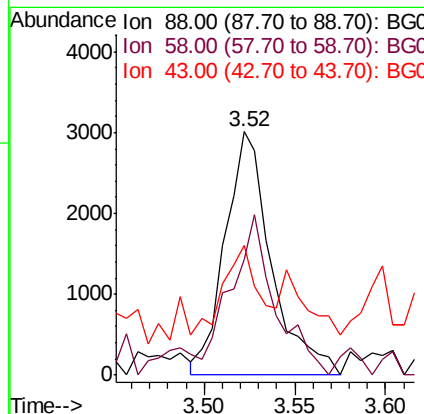
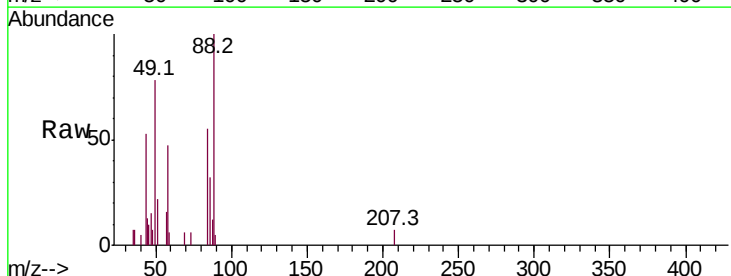
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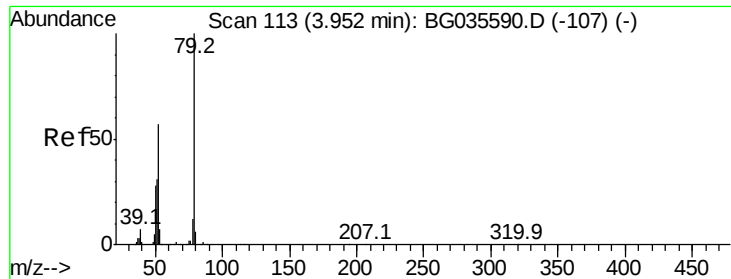


#2

1,4-Dioxane
Concen: 5.367 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.9	79.6	119.4#
43	28.1	27.4	41.0





#3

Pvridine

Concen: 3.527 ng/ml

RT: 3.94 min Scan# 111

Delta R.T. 0.02 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Instrument :

BNA_G

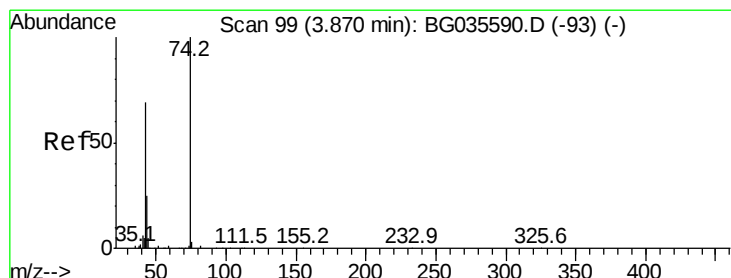
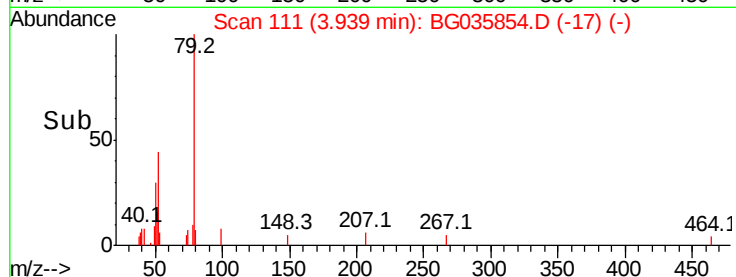
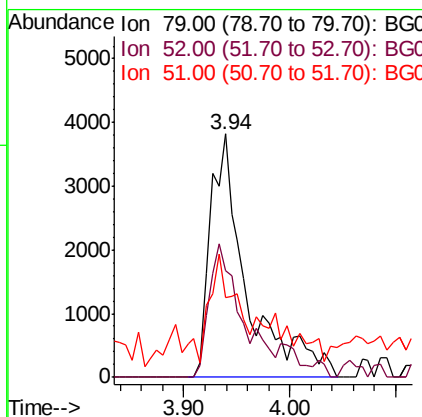
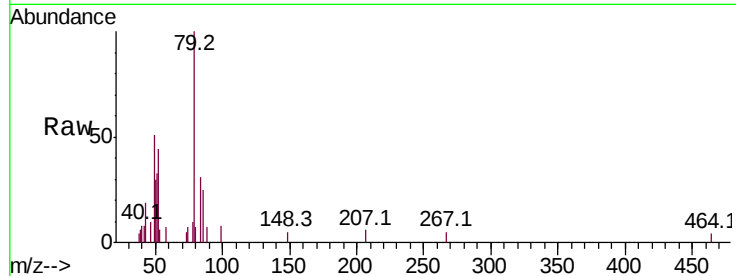
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	79	Resp:	9149
Ion Ratio	Lower	Upper	
79	100		
52	43.8	69.9	104.9#
51	32.9	34.0	51.0#

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#4

n-Nitrosodimethylamine

Concen: 3.650 ng/ml

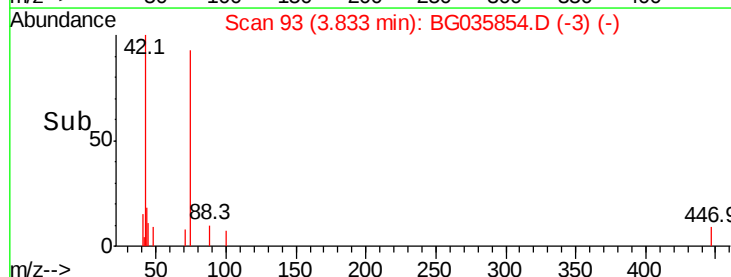
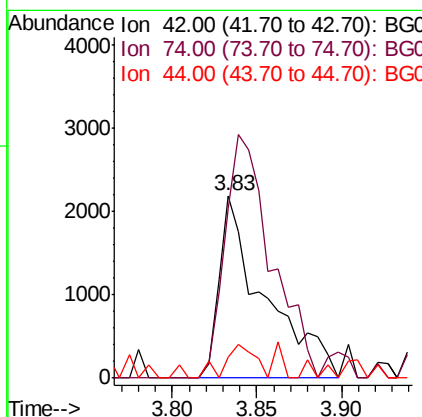
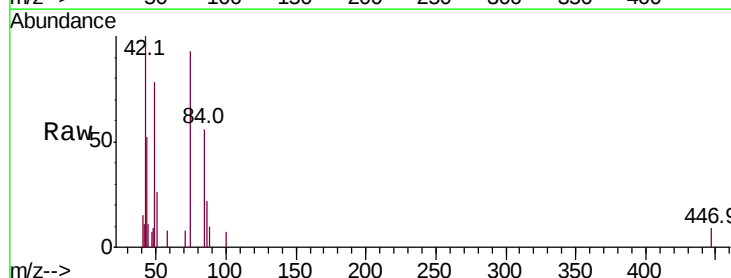
RT: 3.83 min Scan# 93

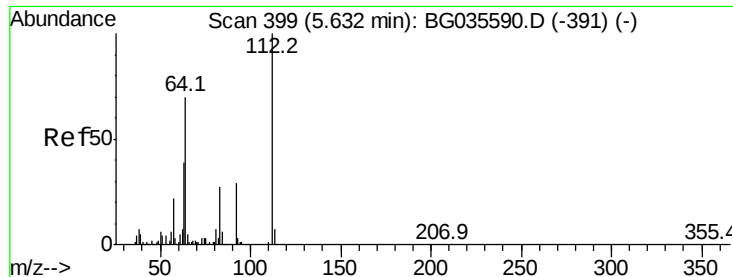
Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Tgt Ion:	42	Resp:	4066
Ion Ratio	Lower	Upper	
42	100		
74	93.2	102.5	153.7#
44	11.4	18.9	28.3#





#5

2-Fluorophenol

Concen: 123.058 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Instrument :

BNA_G

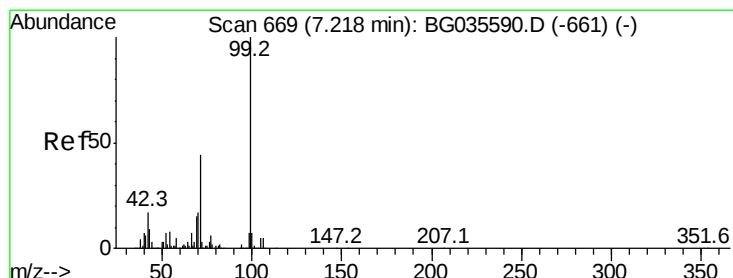
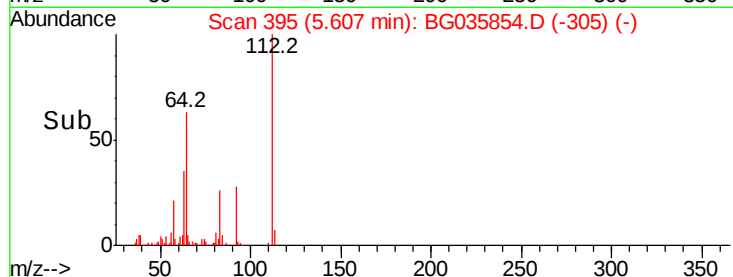
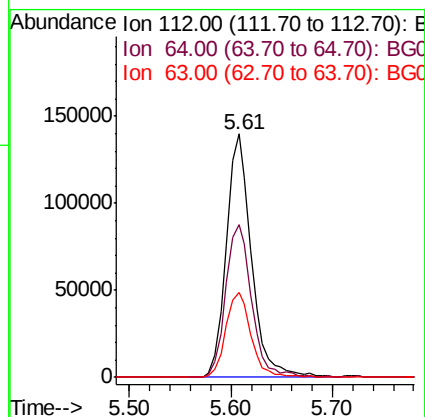
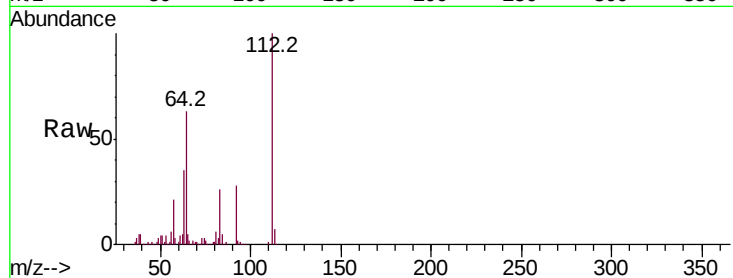
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	112	Resp:	240263
Ion Ratio	Lower	Upper	
112	100		
64	62.7	56.3	84.5
63	34.8	30.1	45.1

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#7

Phenol-d6

Concen: 118.318 ng

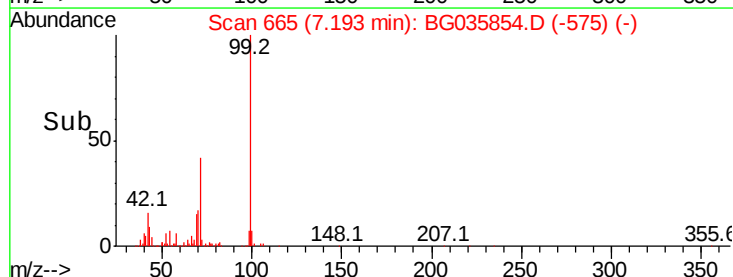
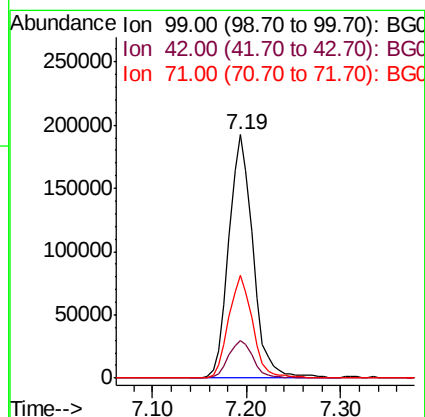
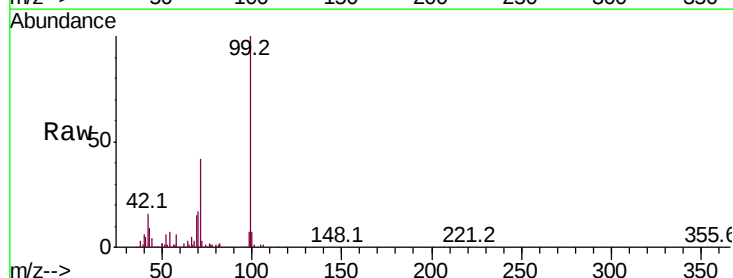
RT: 7.19 min Scan# 665

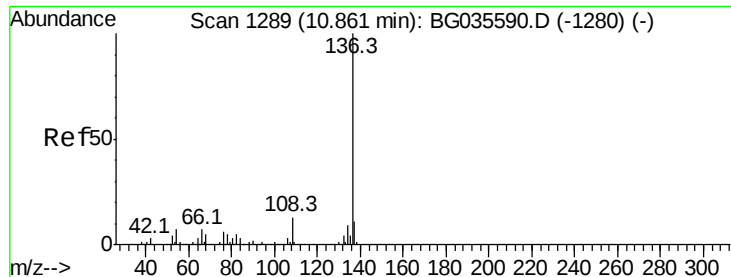
Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Tgt Ion:	99	Resp:	344662
Ion Ratio	Lower	Upper	
99	100		
42	15.5	14.1	21.1
71	42.0	26.1	39.1#





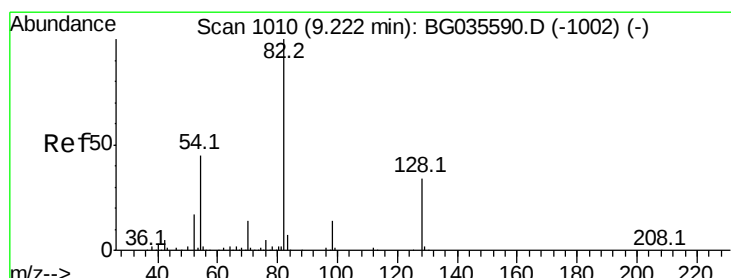
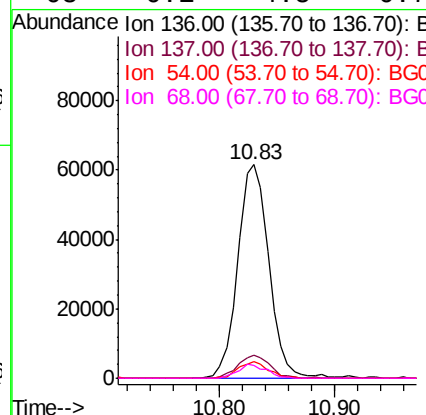
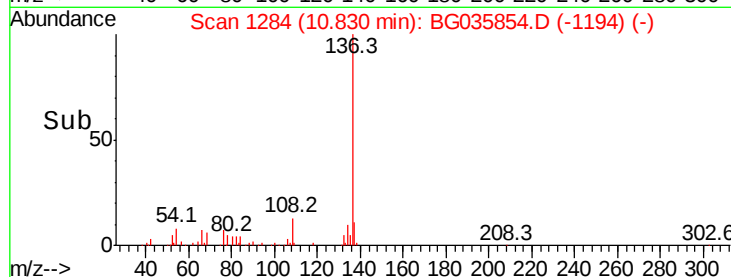
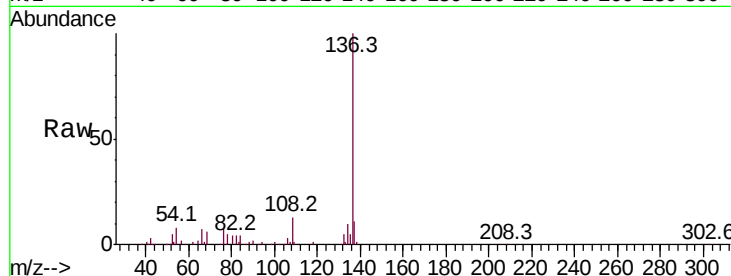
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	9.2	13.8	
54	7.6	10.3	15.5	
68	6.1	4.5	6.7	

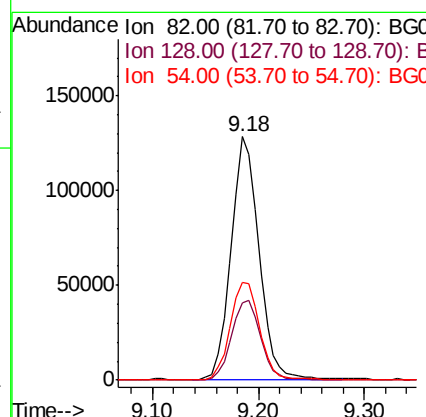
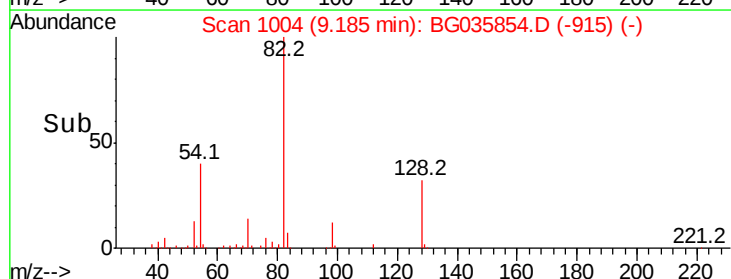
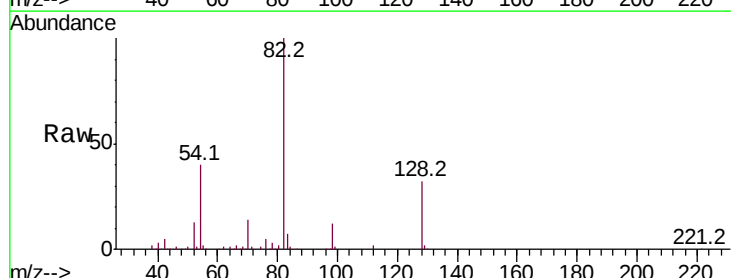
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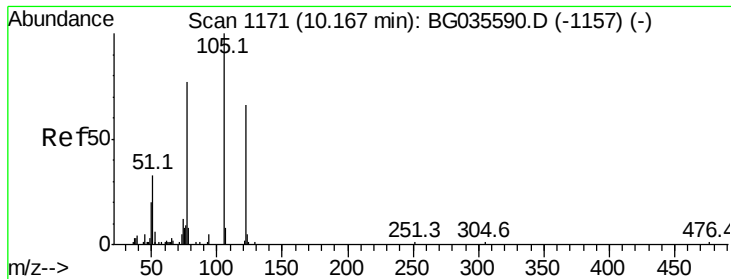
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#23
Nitrobenzene-d5
Concen: 85.415 ng
RT: 9.18 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	31.8	29.7	44.5	
54	39.9	43.1	64.7	





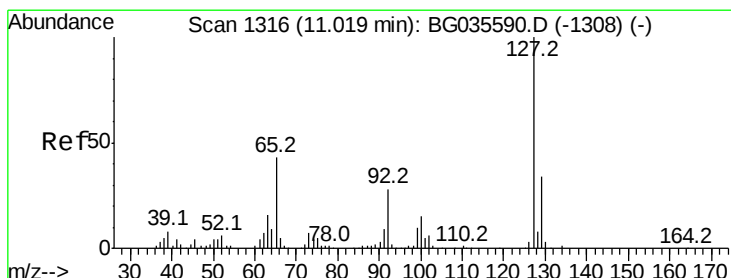
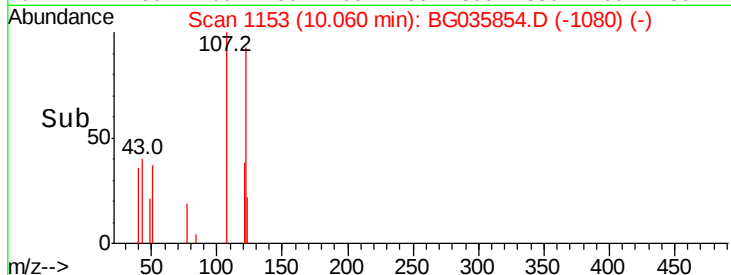
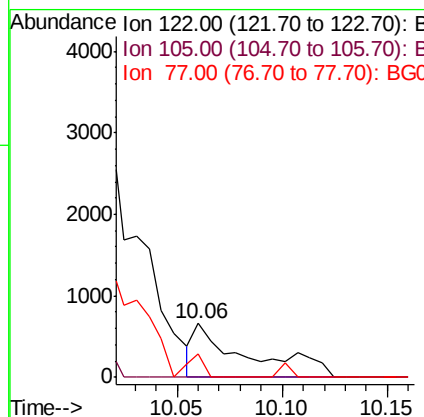
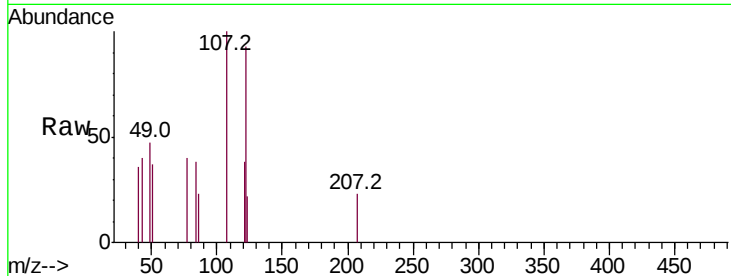
#32
Benzoic acid
Concen: 1.033 ng m
RT: 10.06 min Scan# 1153
Delta R.T. -0.10 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	123.5	163.5#
77	42.6	85.7	125.7#

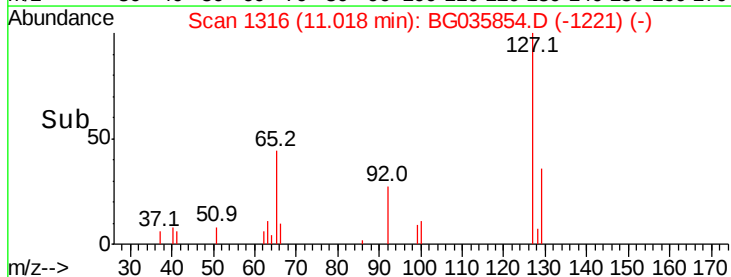
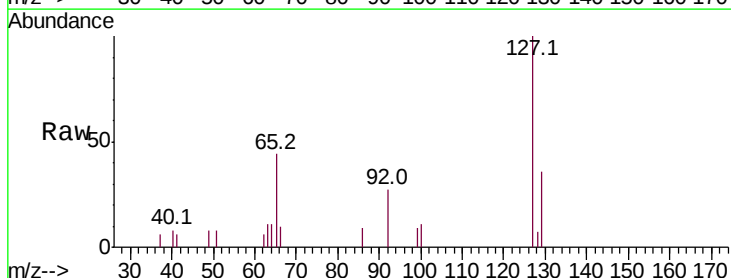
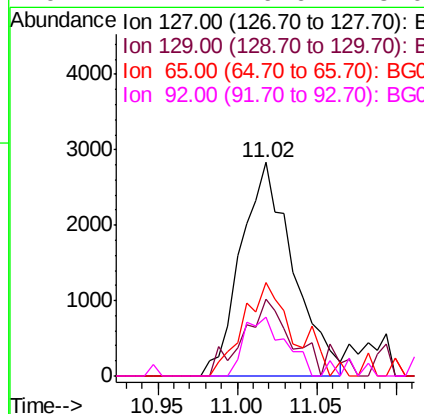
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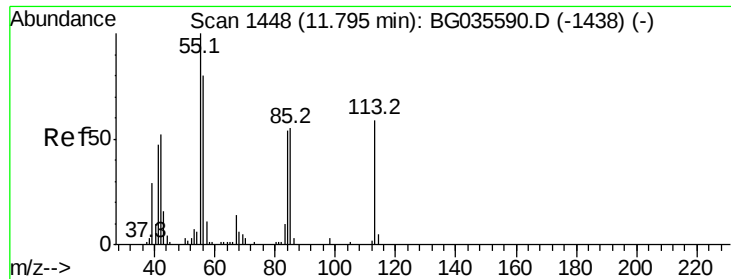
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#33
4-Chloroaniline
Concen: 2.497 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.03 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
127	100		
129	35.8	24.0	36.0
65	43.6	27.0	40.4#
92	27.4	16.6	25.0#





#35

Caprolactam

Concen: 3.722 ng/mL

RT: 11.75 min Scan# 1441

Delta R.T. -0.01 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Instrument :

BNA_G

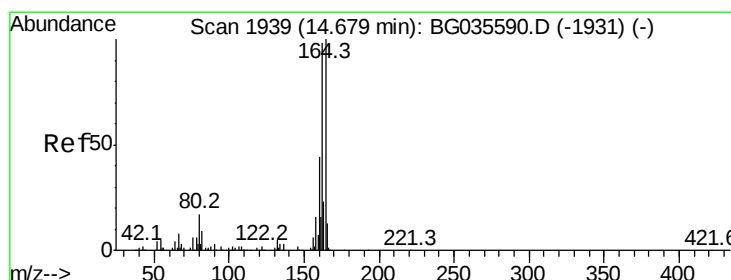
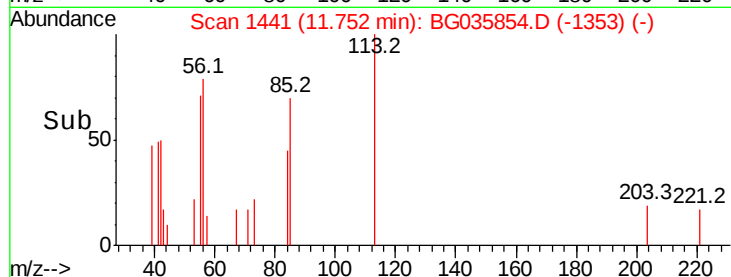
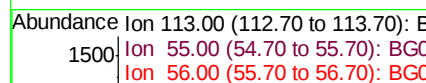
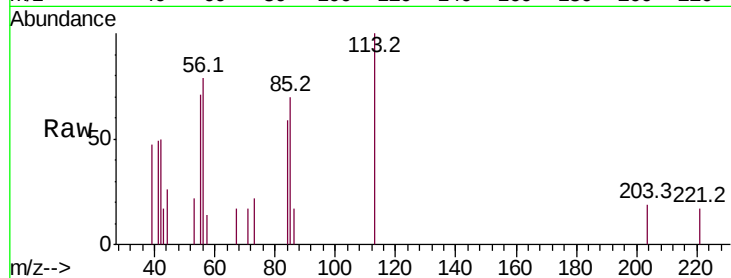
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	113	Resp:	3031
Ion Ratio	Lower	Upper	
113	100		
55	71.2	186.9	226.9#
56	79.4	130.9	170.9#

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#38

Acenaphthene-d10

Concen: 20.000 ng

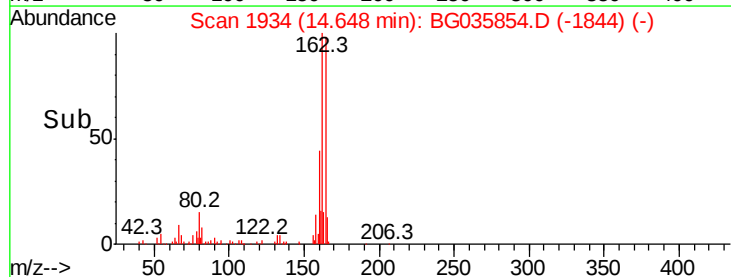
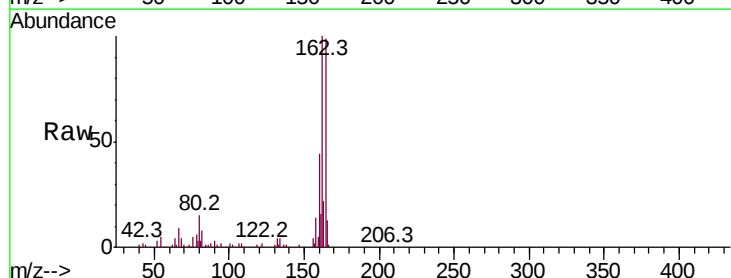
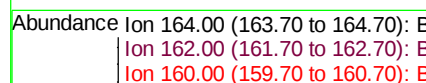
RT: 14.65 min Scan# 1934

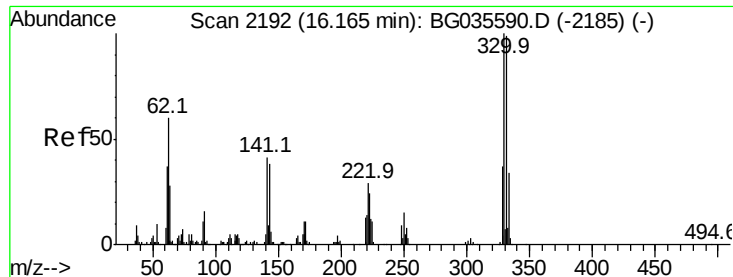
Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Tgt Ion:	164	Resp:	83159
Ion Ratio	Lower	Upper	
164	100		
162	101.2	78.8	118.2
160	44.7	35.4	53.0





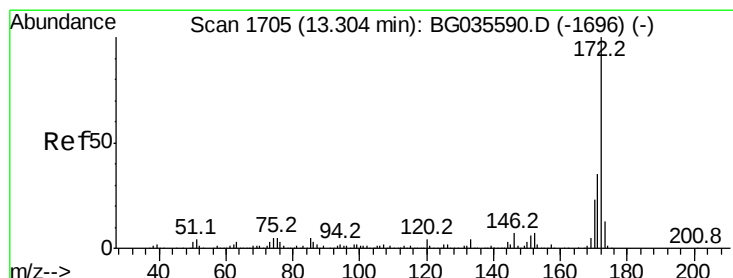
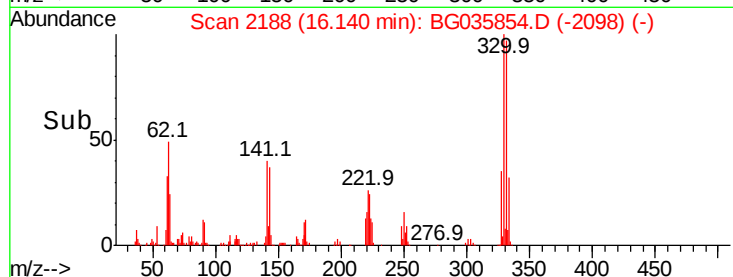
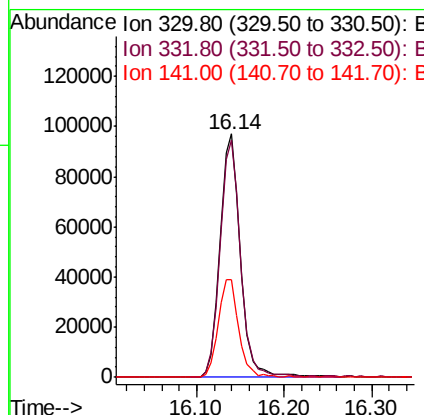
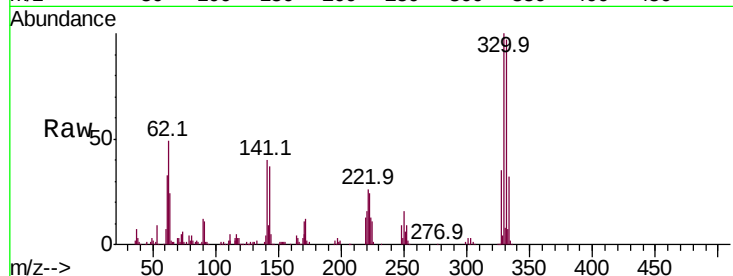
#41
2,4,6-Tribromophenol
Concen: 142.855 ng
RT: 16.14 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.4	77.0	115.6	
141	40.5	25.2	37.8	

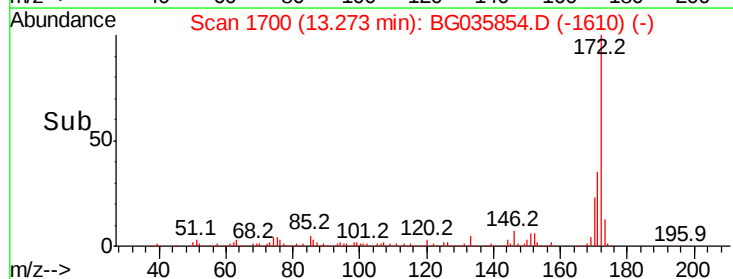
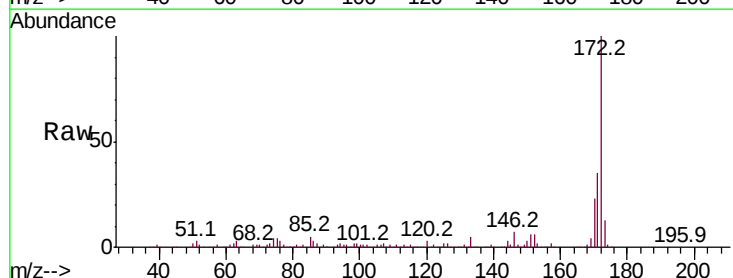
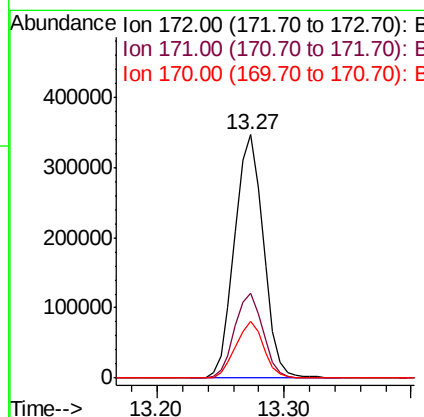
Manual Integrations
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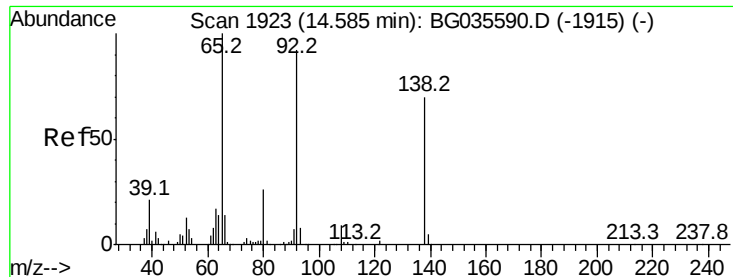
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#44
2-Fluorobiphenyl
Concen: 87.979 ng
RT: 13.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.8	30.0	45.0	
170	23.2	19.5	29.3	





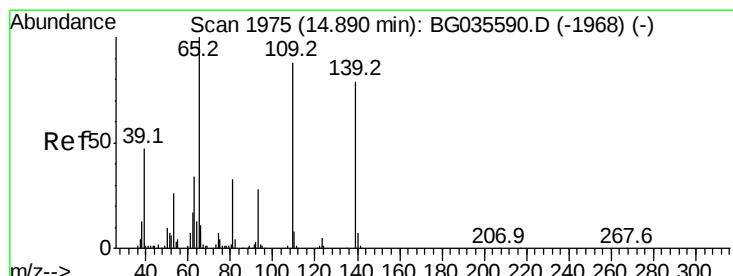
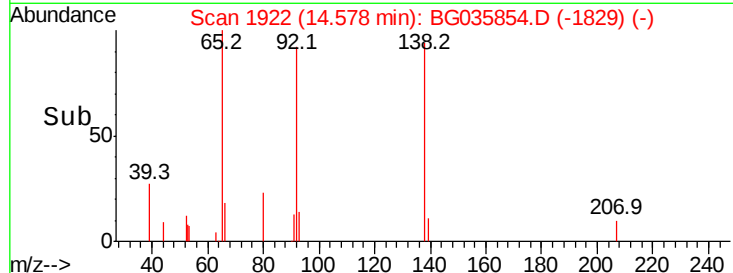
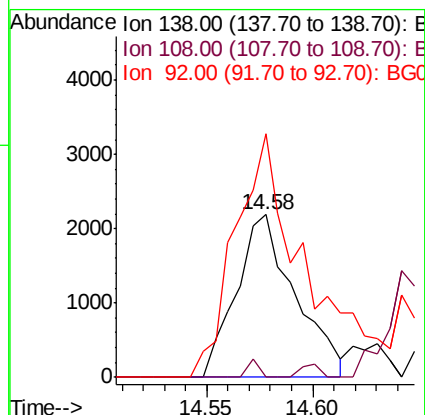
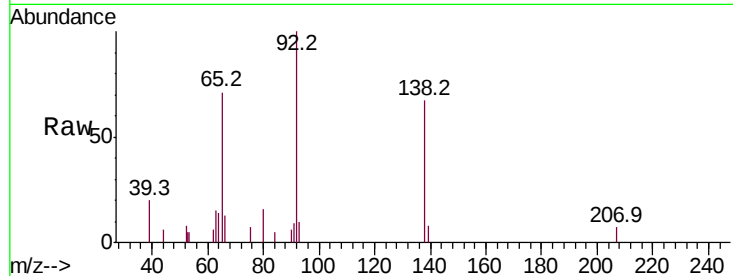
#52
3-Nitroaniline
Concen: 2.795 ng
RT: 14.58 min Scan# 1922
Delta R.T. 0.02 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion:138 Resp: 4239
Ion Ratio Lower Upper
138 100
108 0.0 17.5 26.3#
92 149.5 105.8 158.8

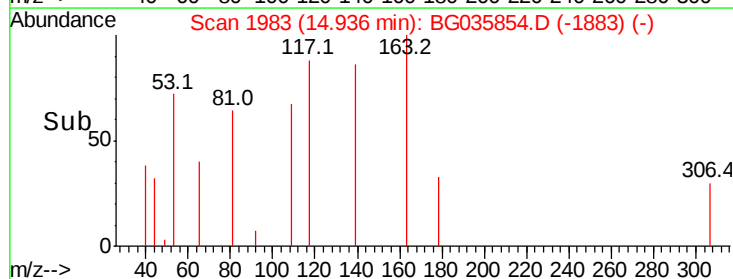
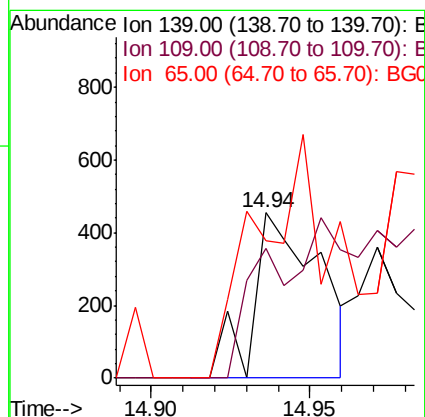
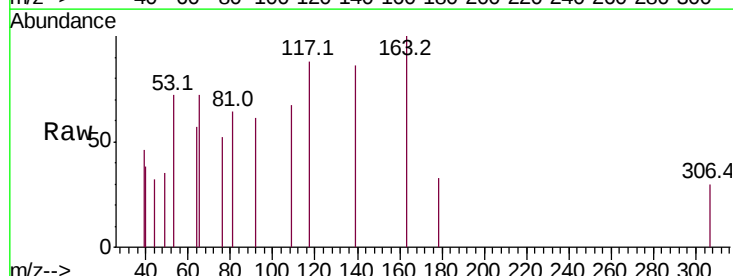
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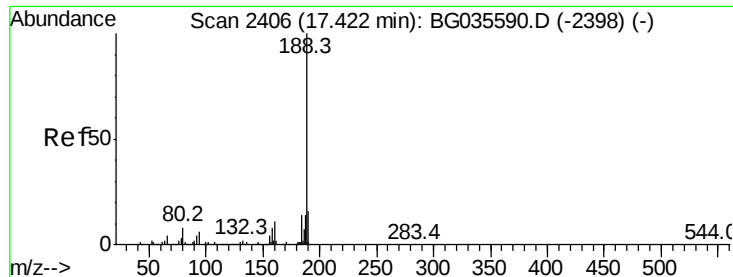
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#55
4-Nitrophenol
Concen: 0.611 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.06 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Tgt Ion:139 Resp: 660
Ion Ratio Lower Upper
139 100
109 78.4 62.2 102.2
65 83.5 97.2 137.2#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Instrument :

BNA_G

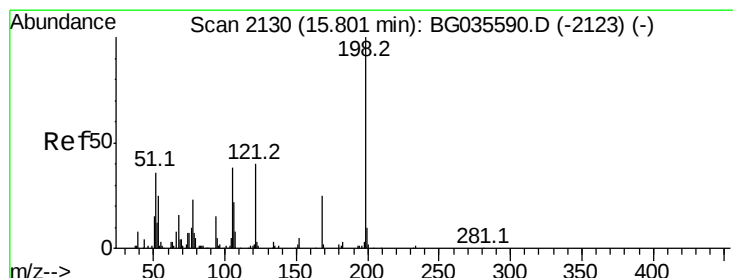
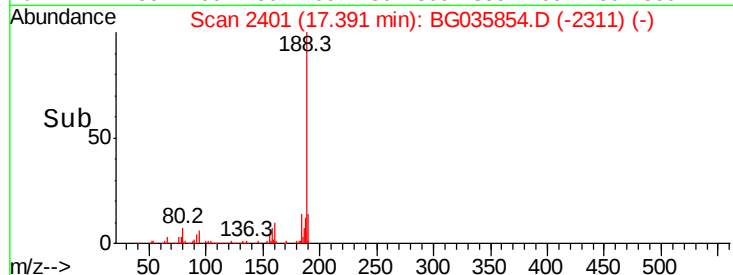
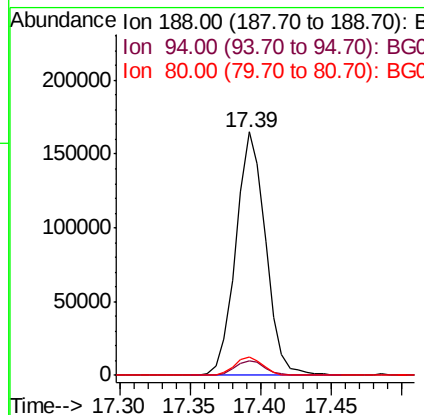
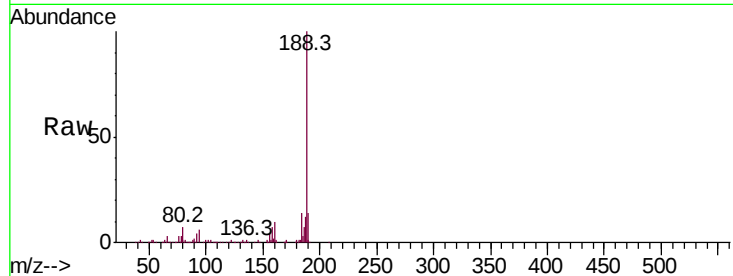
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion:	188	Resp:	242282
Ion Ratio	Lower	Upper	
188	100		
94	6.1	6.9	10.3#
80	7.4	7.7	11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 1.022 ng

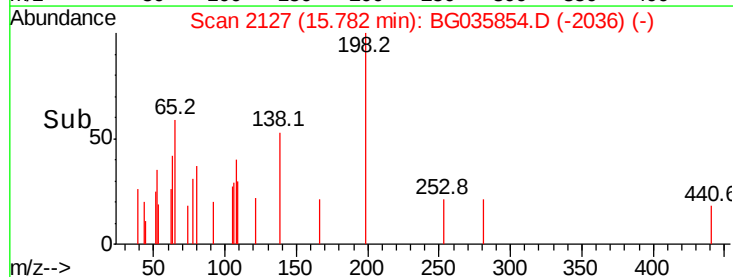
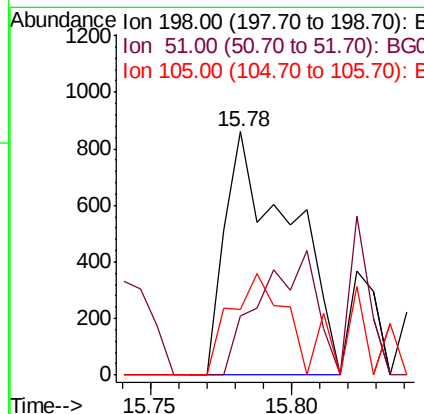
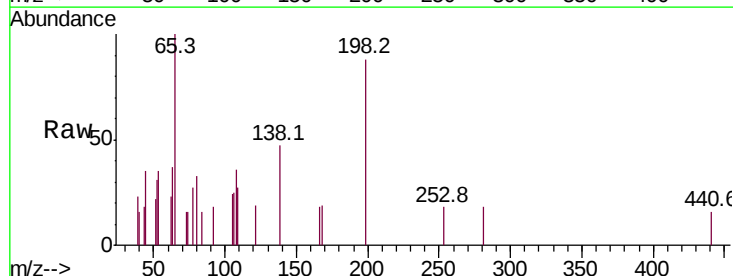
RT: 15.78 min Scan# 2127

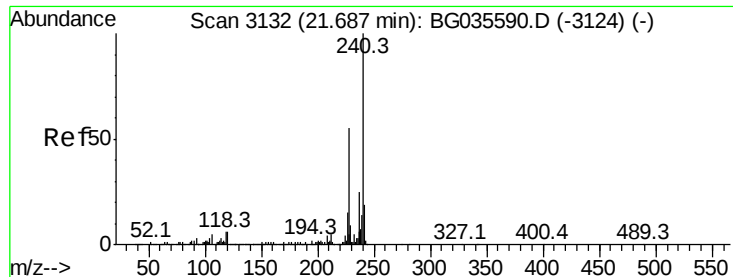
Delta R.T. 0.01 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Tgt Ion:	198	Resp:	1378
Ion Ratio	Lower	Upper	
198	100		
51	24.5	30.6	70.6#
105	26.7	23.8	63.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Instrument :

BNA_G

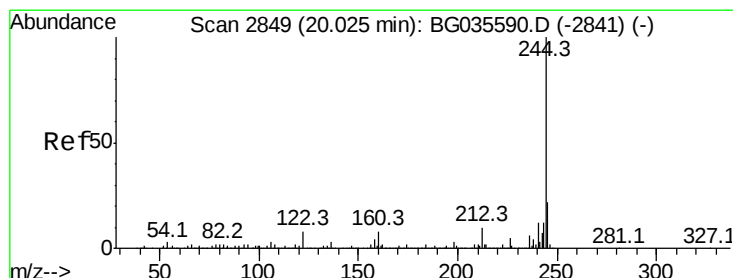
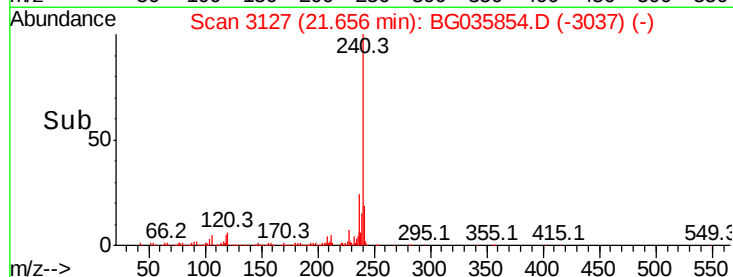
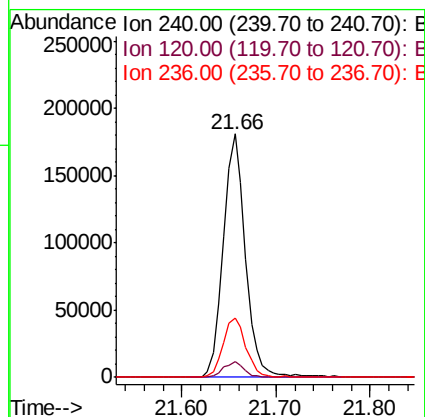
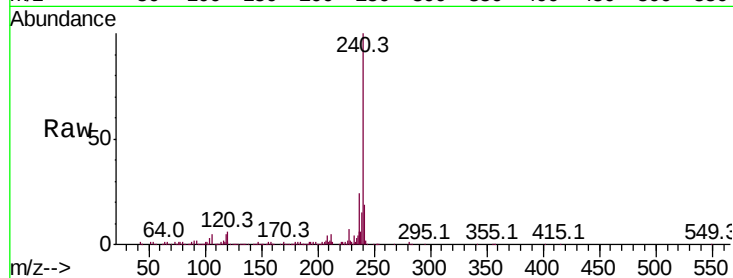
ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	6.8	10.2#
236	24.5	20.9	31.3

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#78

Terphenyl-d14

Concen: 99.478 ng

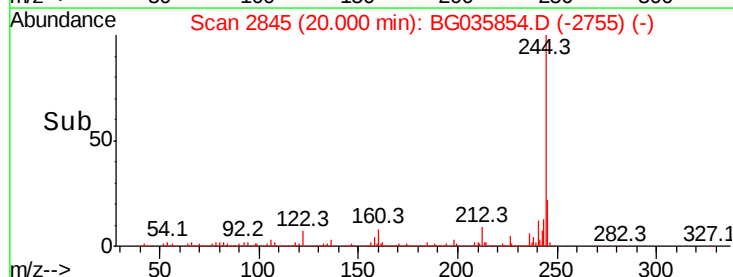
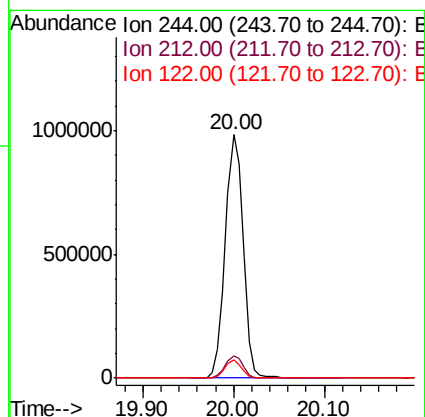
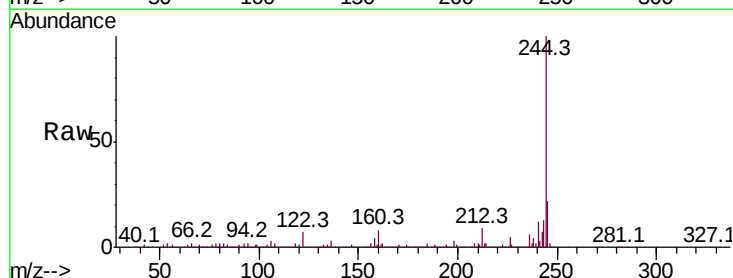
RT: 20.00 min Scan# 2845

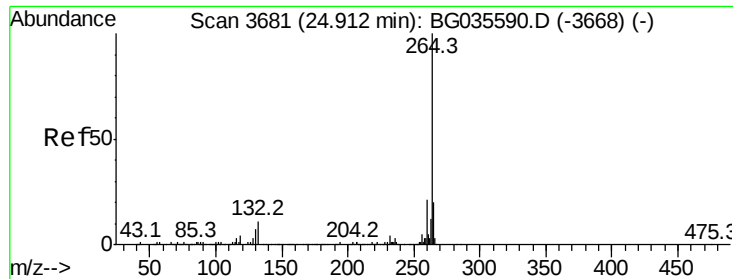
Delta R.T. -0.00 min

Lab File: BG035854.D

Acq: 24 Jul 2018 19:18

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.3	5.8	8.8#
122	7.3	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035854.D
Acq: 24 Jul 2018 19:18

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.6	17.4	26.0
265	22.3	17.7	26.5

Manual Integrations
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