

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
 Data File : BG037431.D
 Acq On : 18 Oct 2018 22:31
 Operator : JU/SJ
 Sample : J5164-07
 Misc : LOD 1 PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Manual Integrations
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Quant Time: Oct 19 08:31:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50238	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	232511	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	153228	20.00	ng	0.00
64) Phenanthrene-d10	17.49	188	385252	20.00	ng	0.00
76) Chrysene-d12	21.77	240	366301	20.00	ng	0.00
87) Perylene-d12	25.11	264	349873	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	413893	137.74	ng	0.00
7) Phenol-d6	7.25	99	600733	132.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	336037	80.96	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	232516	139.13	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	834105	82.09	ng	0.00
79) Terphenyl-d14	20.09	244	1318300	76.90	ng	0.00

Target Compounds				Qvalue		
6) Aniline	7.44	93	3347	0.604	ng	# 84
8) 2-Chlorophenol	7.66	128	3692	1.050	ng	# 76
9) Benzaldehyde	7.25	77	3689	1.298	ng	# 77
10) Phenol	7.27	94	5162	1.077	ng	# 54
11) bis(2-Chloroethyl)ether	7.53	93	3529	0.969	ng	# 81
12) 1,3-Dichlorobenzene	7.99	146	3918	1.001	ng	# 89
13) 1,4-Dichlorobenzene	8.14	146	4340	1.084	ng	# 85
14) 1,2-Dichlorobenzene	8.46	146	3759m	0.976	ng	# 88
15) Benzyl Alcohol	8.35	79	3088	0.920	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.63	45	6541	1.004	ng	# 90
18) Hexachloroethane	9.19	117	1454	1.065	ng	# 92
24) Nitrobenzene	9.33	77	4801	1.113	ng	# 93
31) Naphthalene	10.98	128	12739	1.115	ng	# 94
34) Hexachlorobutadiene	11.24	225	2335	0.938	ng	# 95
37) 2-Methylnaphthalene	12.58	142	9358	1.124	ng	# 97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	4998	1.011	ng	# 92
46) 1,1'-Biphenyl	13.58	154	12737	1.004	ng	# 97
47) 2-Chloronaphthalene	13.62	162	10215	1.064	ng	# 90
48) 2-Nitroaniline	13.83	65	2002	0.688	ng	# 90
49) Acenaphthylene	14.47	152	15708	1.088	ng	# 98
50) Dimethylphthalate	14.19	163	12254	1.034	ng	# 80
51) 2,6-Dinitrotoluene	14.32	165	2108	0.804	ng	# 90
52) Acenaphthene	14.80	154	9784	1.100	ng	# 94
55) Dibenzofuran	15.14	168	16393	1.112	ng	# 98
58) Fluorene	15.78	166	13097	1.187	ng	# 76
59) 2,3,4,6-Tetrachlorophenol	15.36	232	2132	0.693	ng	# 98
60) Diethylphthalate	15.54	149	12432	1.022	ng	# 97
63) Azobenzene	16.07	77	11852	1.021	ng	# 91
66) n-Nitrosodiphenylamine	15.99	169	10053	0.868	ng	# 85
67) 4-Bromophenyl-phenylether	16.67	248	3939	0.931	ng	# 84
68) Hexachlorobenzene	16.78	284	4528	1.033	ng	# 79
69) Atrazine	16.93	200	3955	0.944	ng	# 96
71) Phenanthrene	17.53	178	22772	1.163	ng	# 98
72) Anthracene	17.62	178	21590	1.124	ng	# 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
73) Carbazole	17.89	167	17172	0.893	nq	98
74) Di-n-butylphthalate	18.43	149	18721	0.876	nq	99
75) Fluoranthene	19.53	202	23593	1.062	nq	95
78) Pyrene	19.90	202	24254	1.013	nq	98
80) Butylbenzylphthalate	20.77	149	7316	0.747	nq	93
81) Benzo(a)anthracene	21.75	228	23152	1.069	nq	95
83) Chrysene	21.81	228	22308	1.071	nq	96
84) Bis(2-ethylhexyl)phthalate	21.63	149	9684	0.705	nq #	94
85) Di-n-octyl phthalate	22.88	149	15522	0.693	nq #	93
86) Indeno(1,2,3-cd)pyrene	28.93	276	12431	0.556	nq #	70
88) Benzo(b)fluoranthene	24.03	252	19597	1.022	nq	96
89) Benzo(k)fluoranthene	24.10	252	21239m	1.130	nq	
90) Benzo(a)pyrene	24.94	252	18325	1.005	nq	95
91) Dibenzo(a,h)anthracene	29.02	278	13273m	0.789	nq	
92) Benzo(a,h,i)perylene	30.13	276	6125	0.360	nq #	94

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

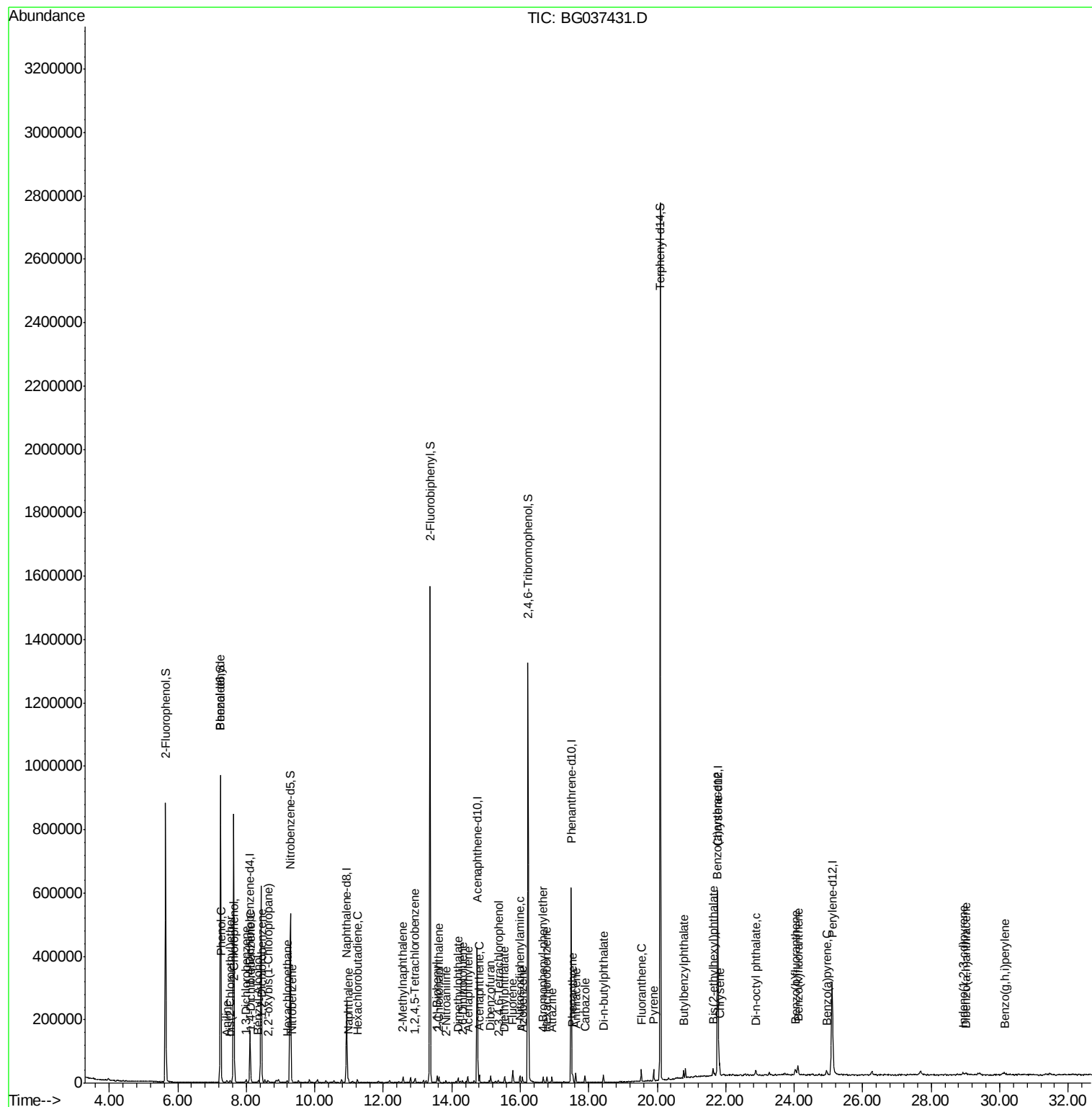
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
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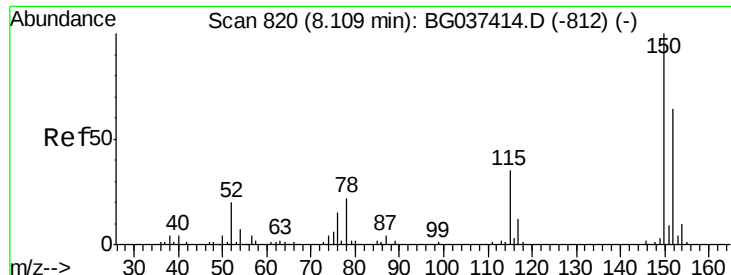
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

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#1

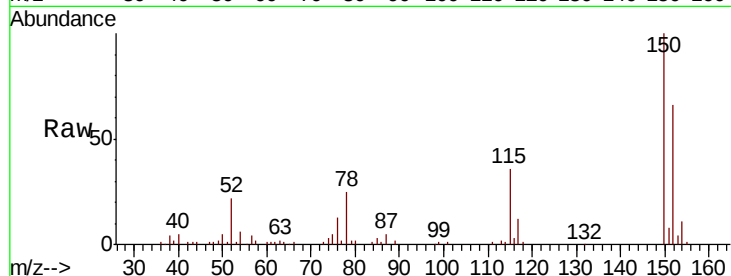
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 820
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.0	189.0
115	54.2	45.5	68.3

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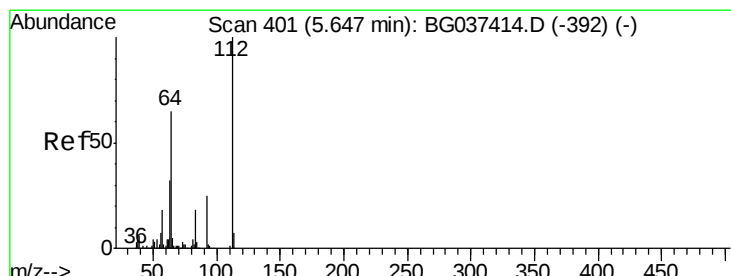
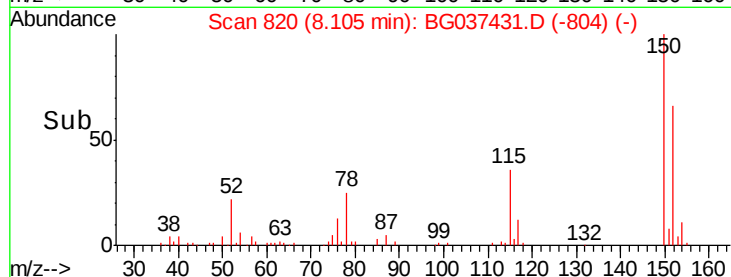
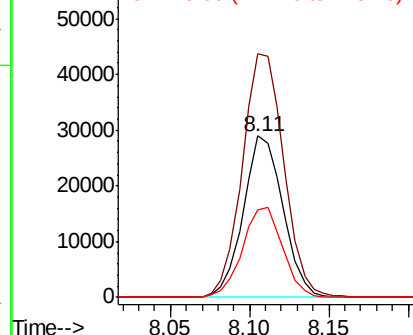


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

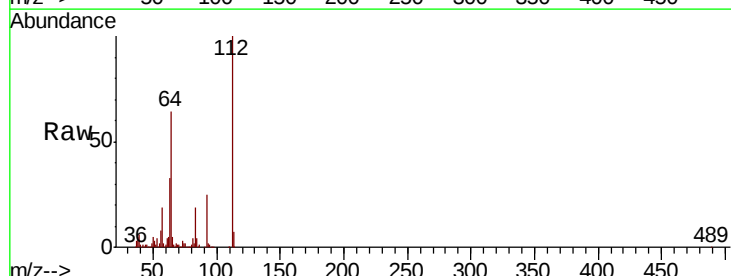
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 137.738 ng
RT: 5.64 min Scan# 401
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.1	79.7
63	32.9	27.3	40.9

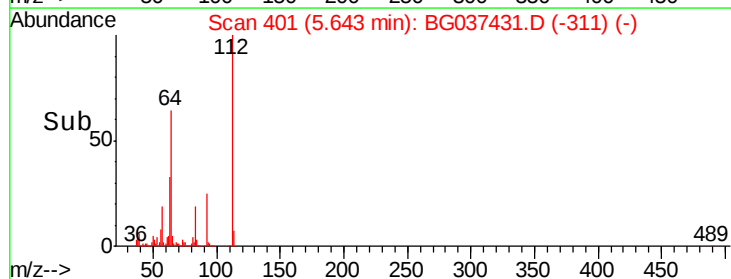
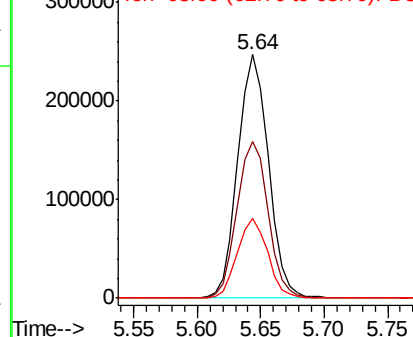


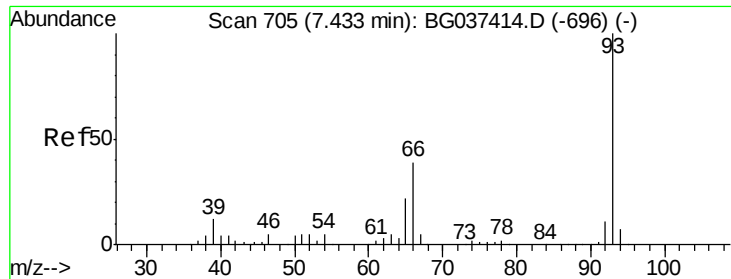
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#6

Aniline

Concen: 0.604 ng

RT: 7.44 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

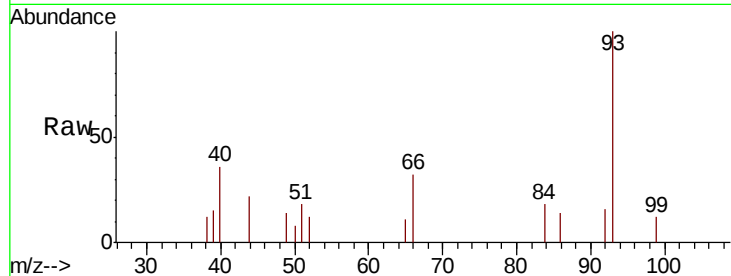
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

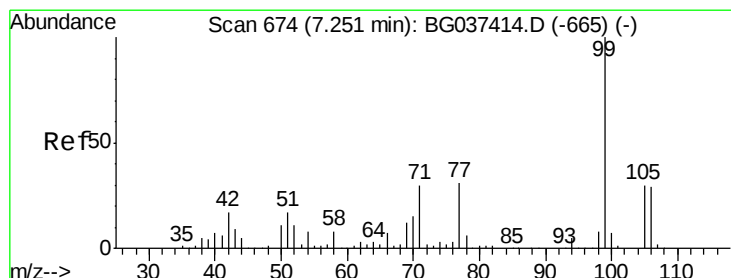
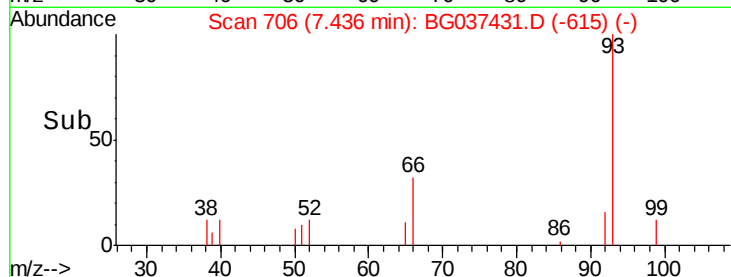
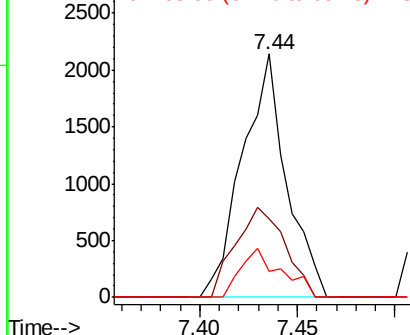
Tot Ion:	93	Resp:	3347
Ion	Ratio	Lower	Upper
93	100		
66	32.5	32.8	49.2#
65	10.7	16.4	24.6#

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Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#7

Phenol-d6

Concen: 132.209 ng

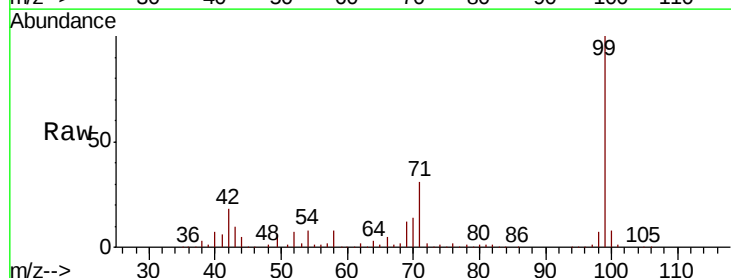
RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

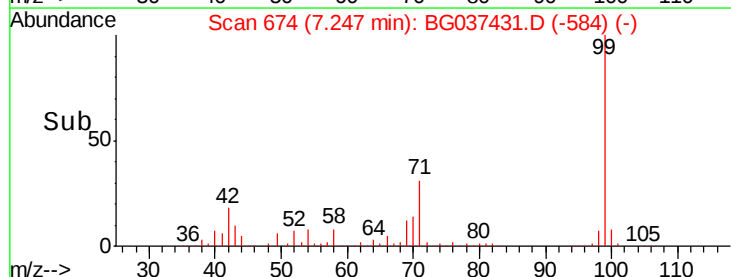
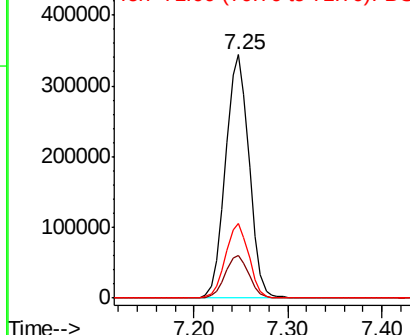
Lab File: BG037431.D

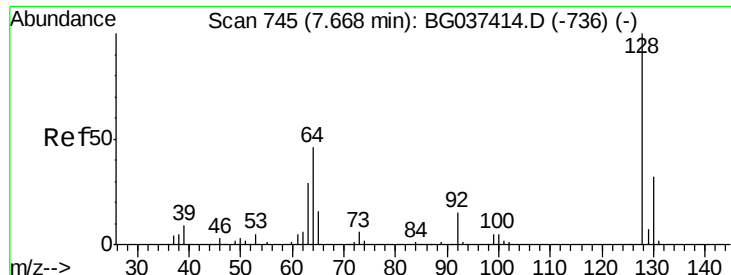
Acq: 18 Oct 2018 22:31

Tgt Ion:	99	Resp:	600733
Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.0	22.4
71	30.8	25.5	38.3



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





#8

2-Chlorophenol

Concen: 1.050 ng

RT: 7.66 min Scan# 744

Delta R.T. -0.01 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

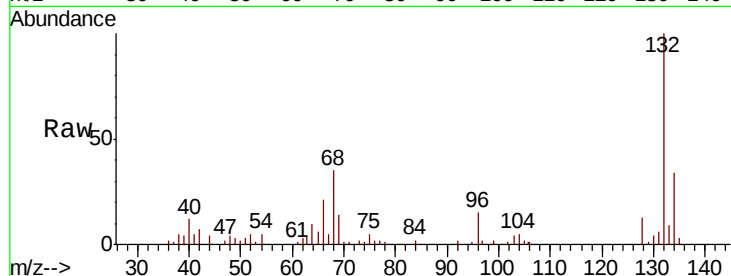
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

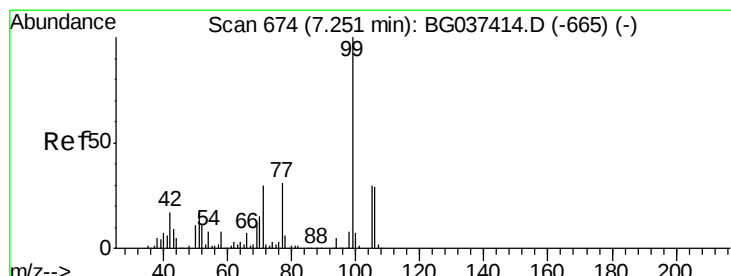
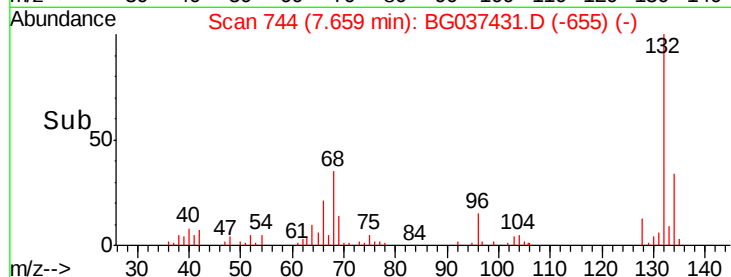
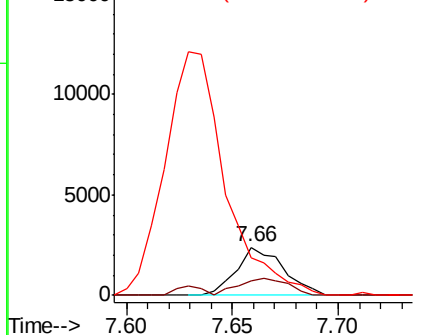
Tot Ion:	128	Resp:	3692
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.0	52.0
64	79.4	32.9	72.9#

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC



#9

Benzaldehyde

Concen: 1.298 ng

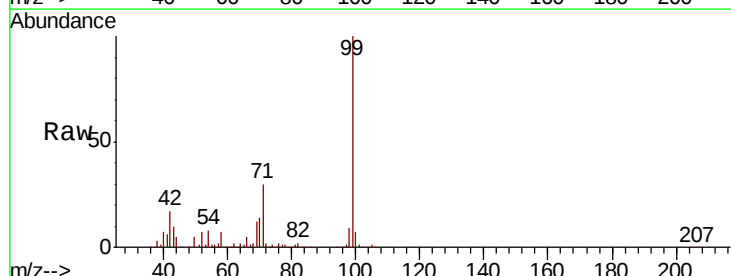
RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

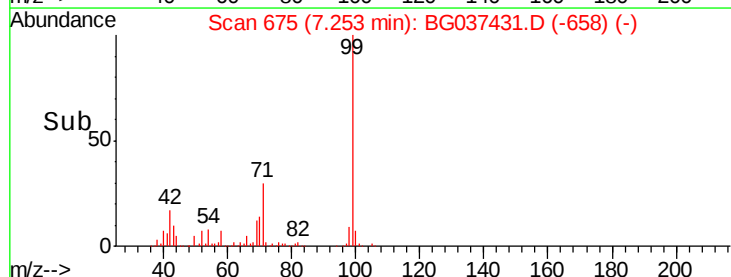
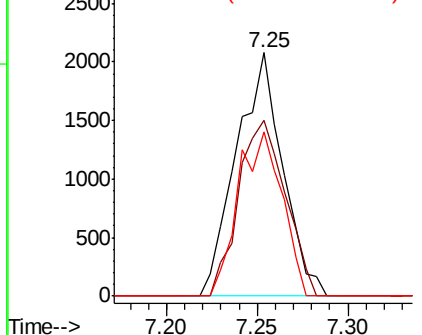
Lab File: BG037431.D

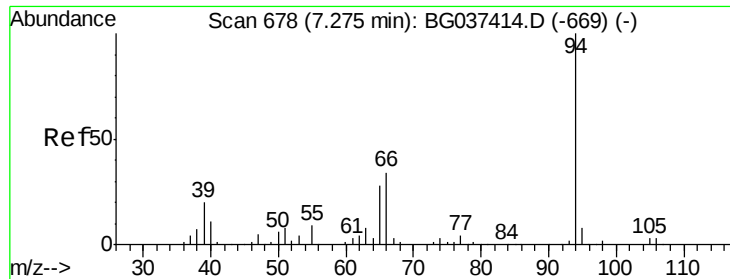
Acq: 18 Oct 2018 22:31

Tgt Ion:	77	Resp:	3689
Ion Ratio	Lower	Upper	
77	100		
105	72.1	72.6	112.6#
106	67.4	71.3	111.3#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 1.077 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

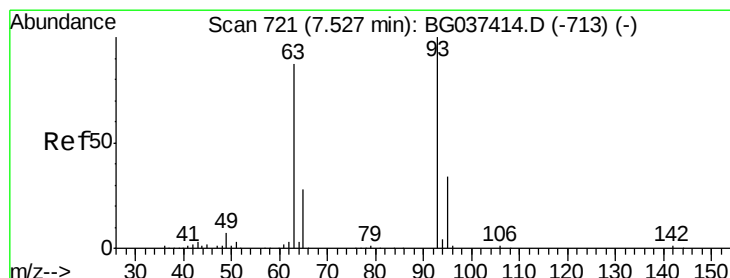
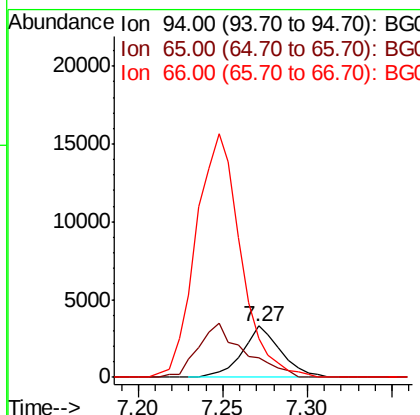
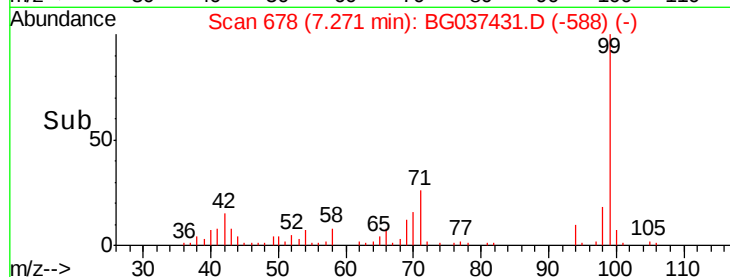
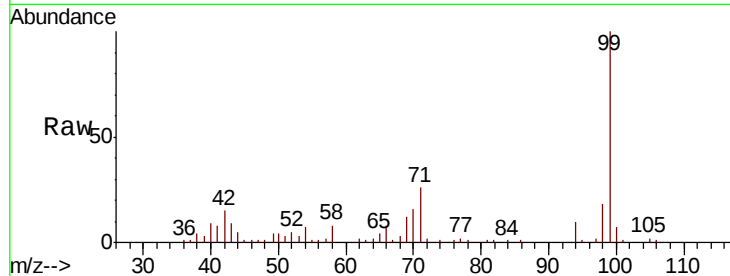
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	94	Resp:	5162
Ion	Ratio	Lower	Upper
94	100		
65	39.0	9.7	49.7
66	76.6	15.9	55.9#

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#11

bis(2-Chloroethyl)ether

Concen: 0.969 ng

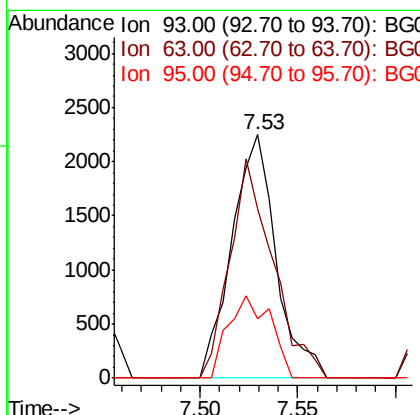
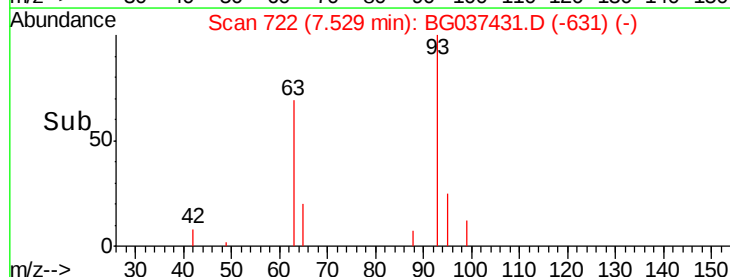
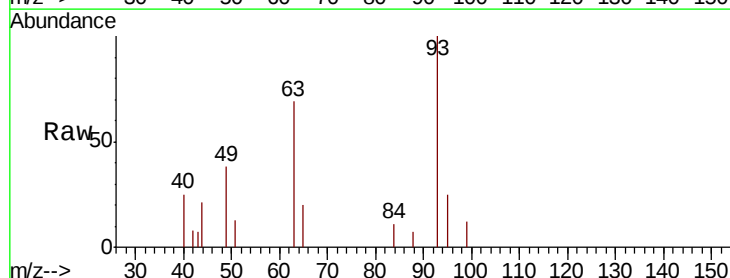
RT: 7.53 min Scan# 722

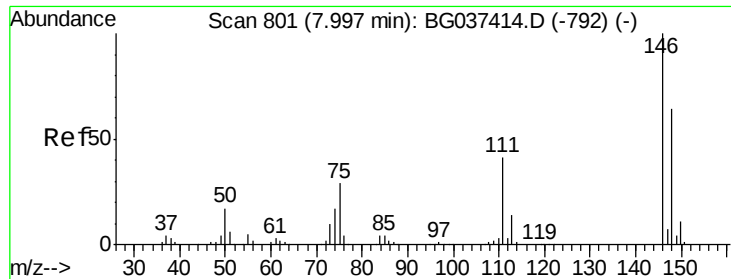
Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion:	93	Resp:	3529
Ion	Ratio	Lower	Upper
93	100		
63	69.5	69.5	109.5#
95	24.5	12.6	52.6





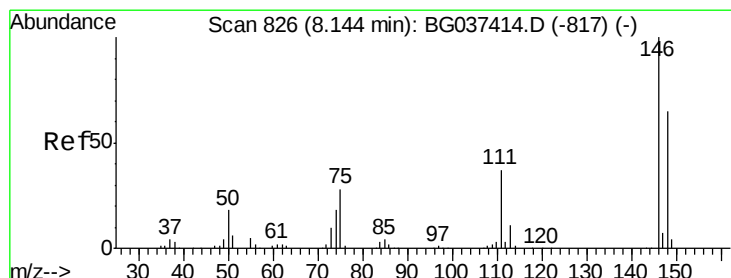
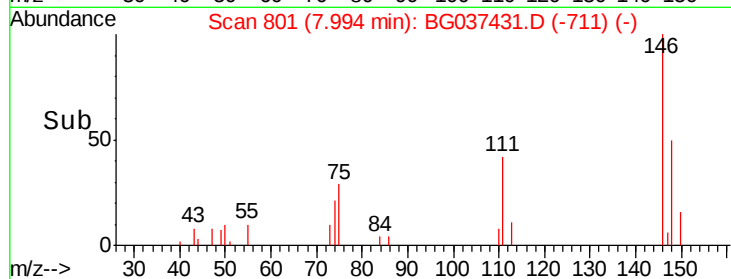
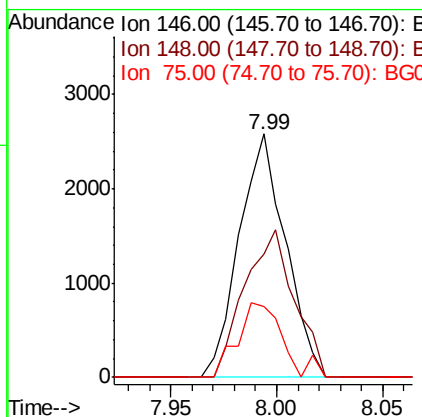
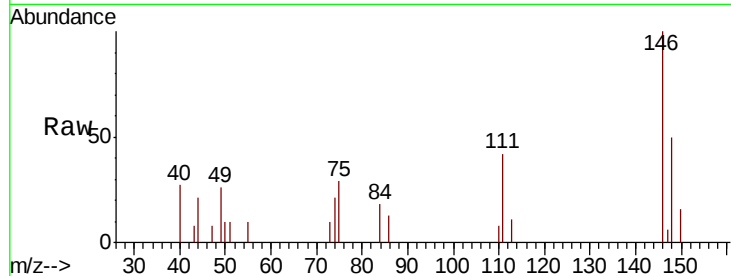
#12
 1,3-Dichlorobenzene
 Concen: 1.001 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	50.5	49.8	74.8
75	29.2	23.2	34.8

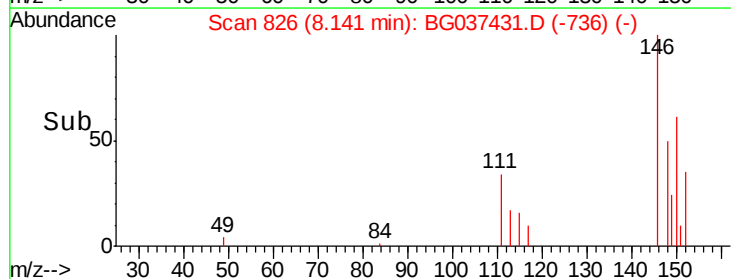
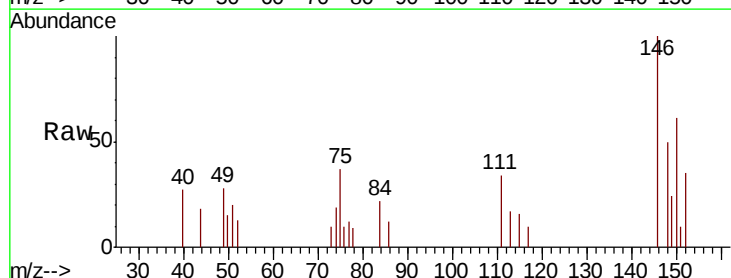
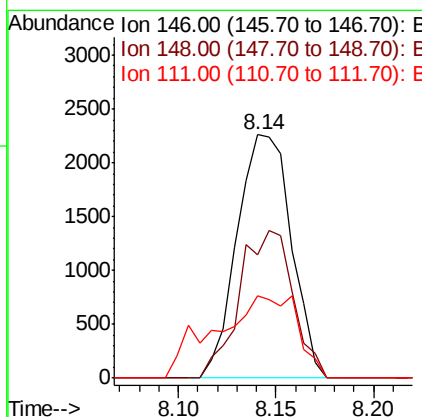
Manual Integrations
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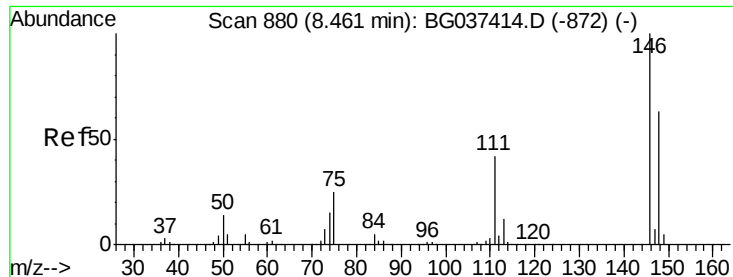
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#13
 1,4-Dichlorobenzene
 Concen: 1.084 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	50.4	51.0	76.6#
111	33.6	32.4	48.6





#14

1,2-Dichlorobenzene

Concen: 0.976 ng/mL

RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

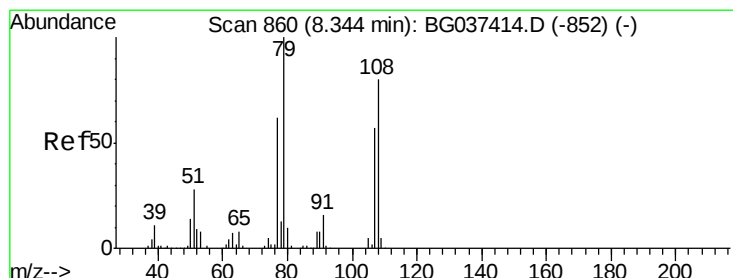
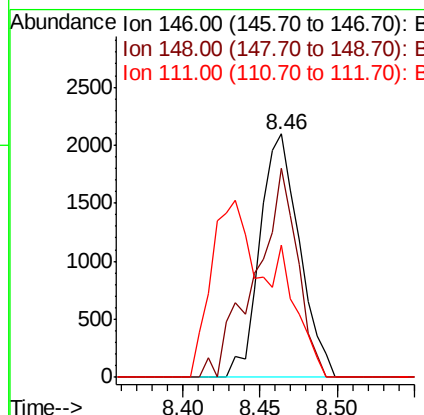
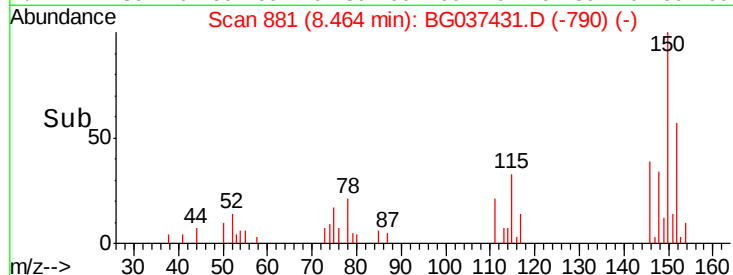
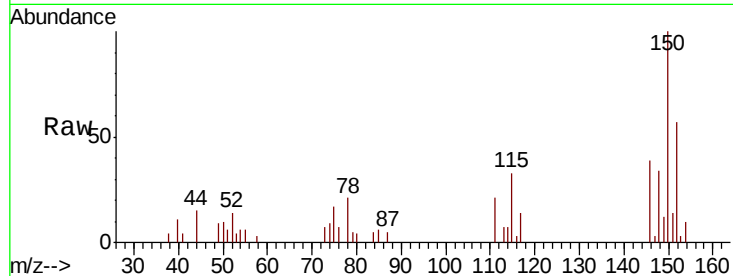
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	146	Resp:	3759
Ion Ratio	Lower	Upper	
146	100		
148	86.1	50.4	75.6#
111	54.1	34.6	51.8#

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#15

Benzyl Alcohol

Concen: 0.920 ng/mL

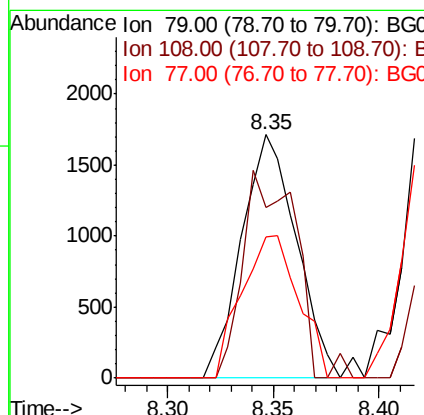
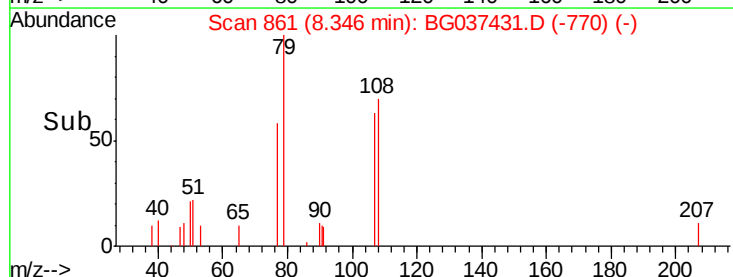
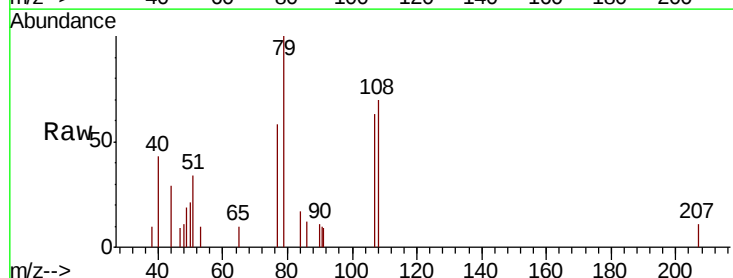
RT: 8.35 min Scan# 861

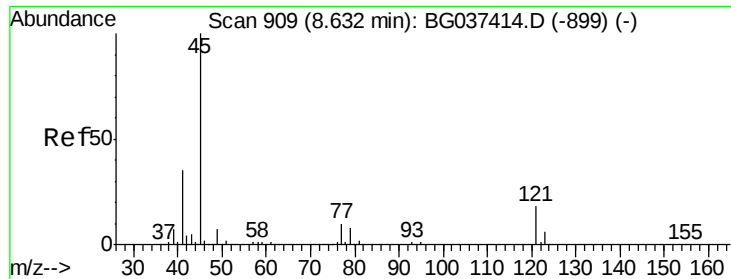
Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion:	79	Resp:	3088
Ion Ratio	Lower	Upper	
79	100		
108	70.2	65.8	98.8
77	57.8	52.9	79.3





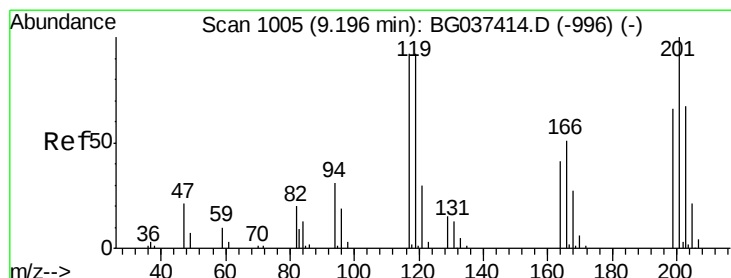
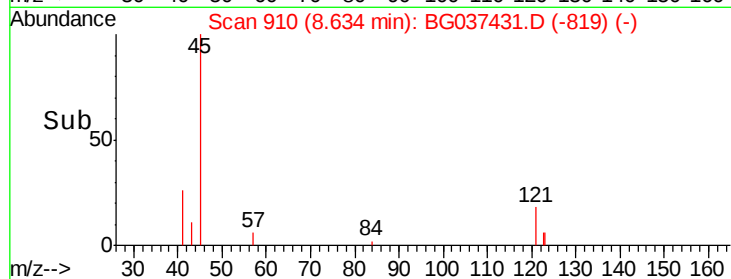
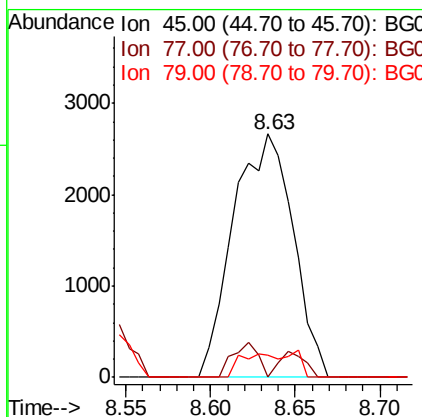
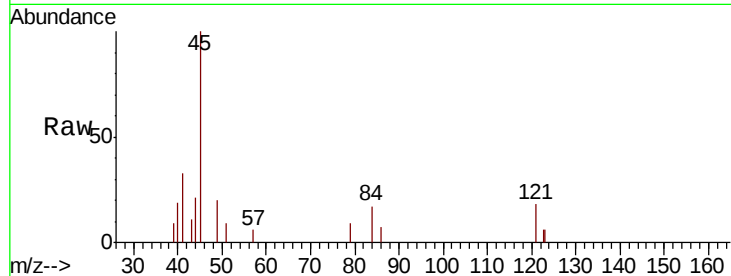
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.004 ng
RT: 8.63 min Scan# 910
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.0
79	9.2	0.0	29.0

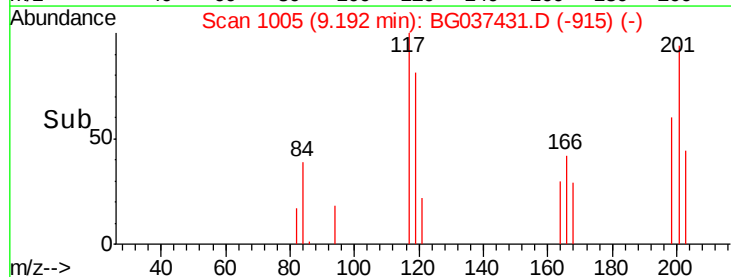
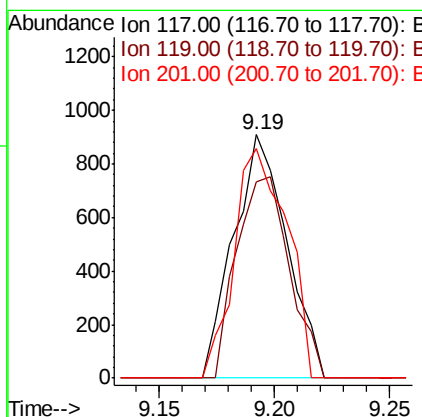
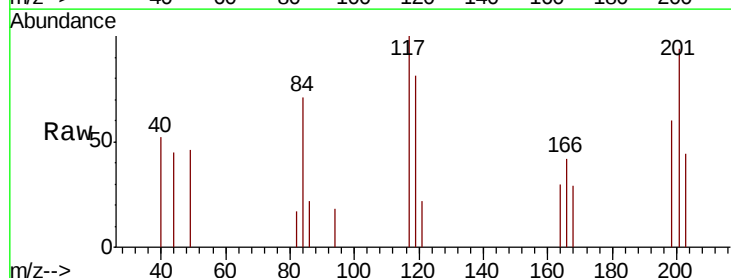
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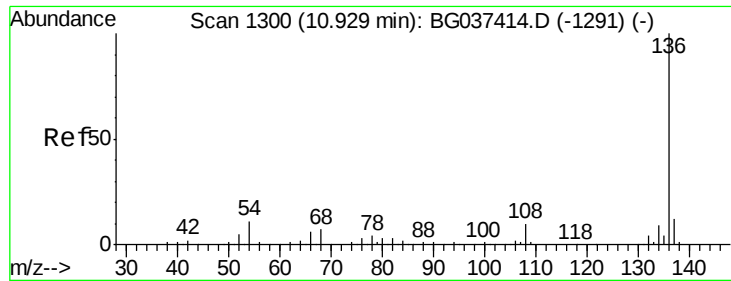
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#18
Hexachloroethane
Concen: 1.065 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
117	100		
119	80.6	74.6	111.8
201	94.4	80.8	121.2





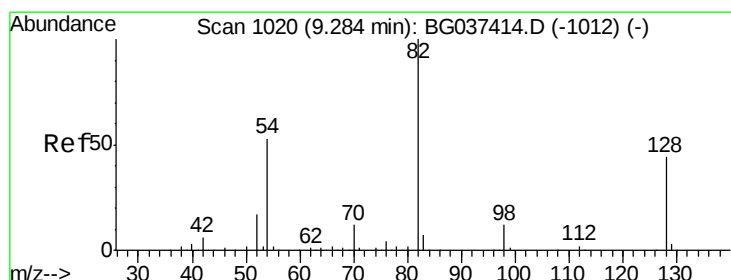
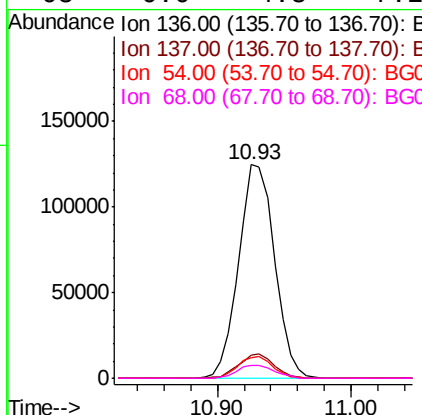
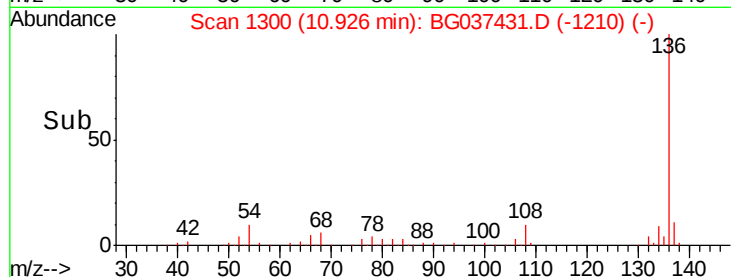
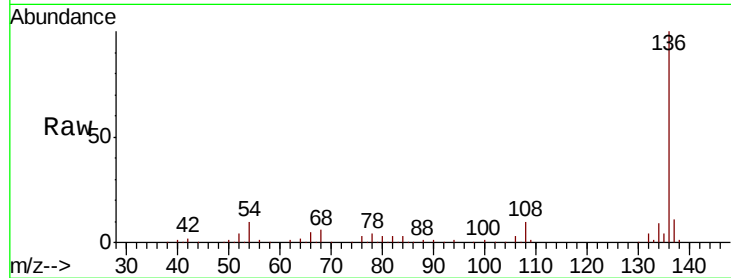
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	232511		
137	11.1	9.6	14.4	
54	9.7	7.9	11.9	
68	6.0	4.8	7.2	

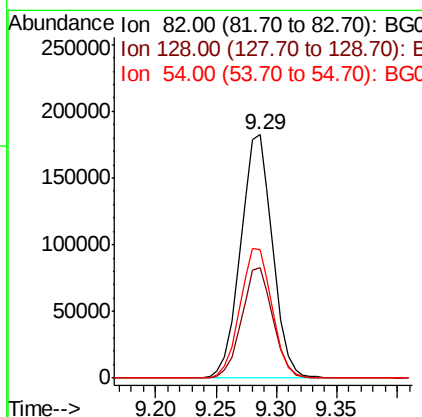
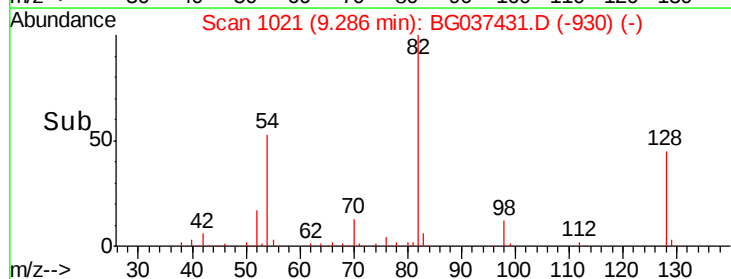
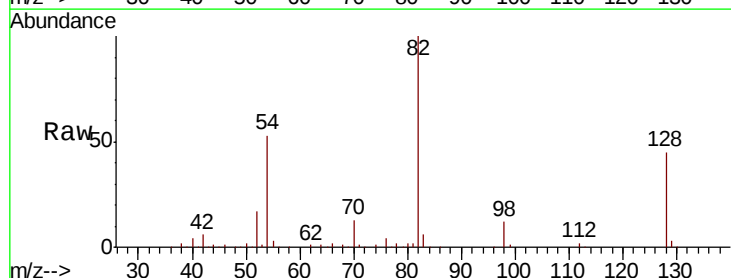
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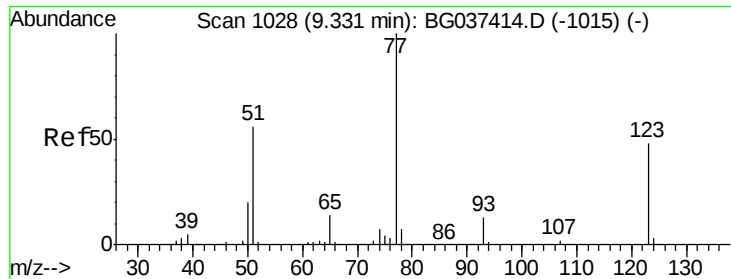
Sohil
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#23
Nitrobenzene-d5
Concen: 80.962 ng
RT: 9.29 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	336037		
128	45.3	34.6	51.8	
54	52.7	45.3	67.9	





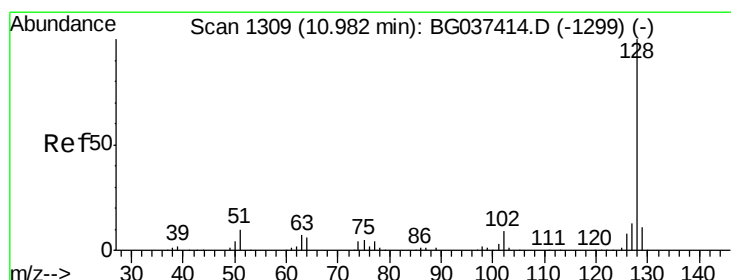
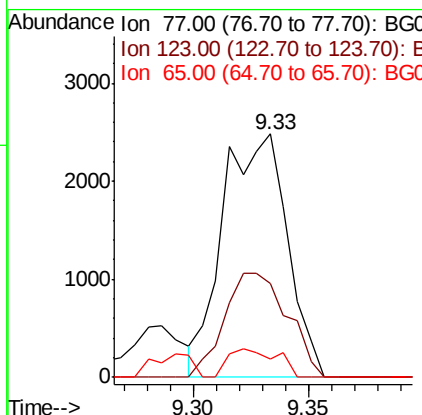
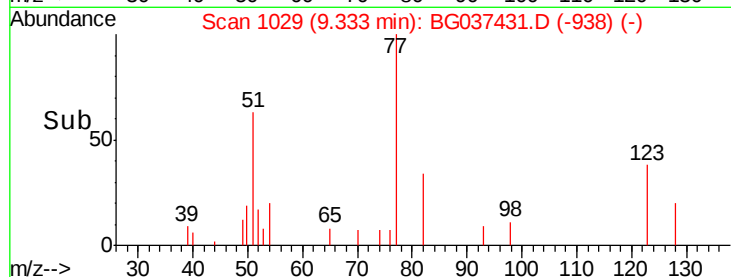
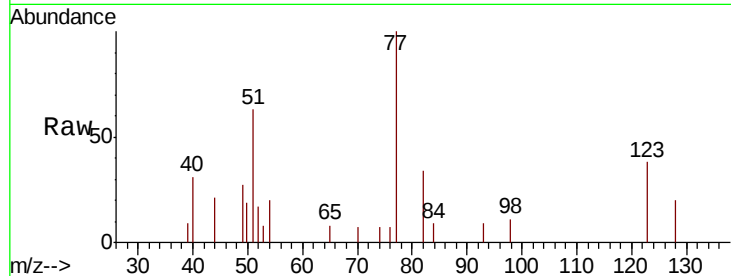
#24
Nitrobenzene
Concen: 1.113 ng
RT: 9.33 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
77	100		
123	38.4	33.6	50.4
65	7.7	11.3	16.9

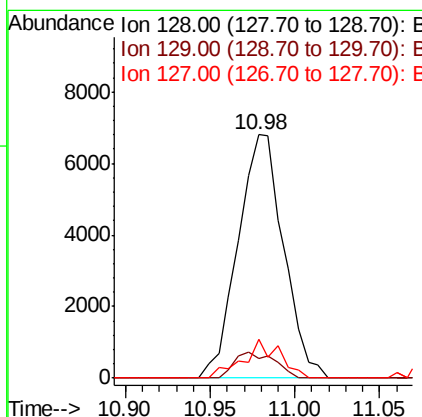
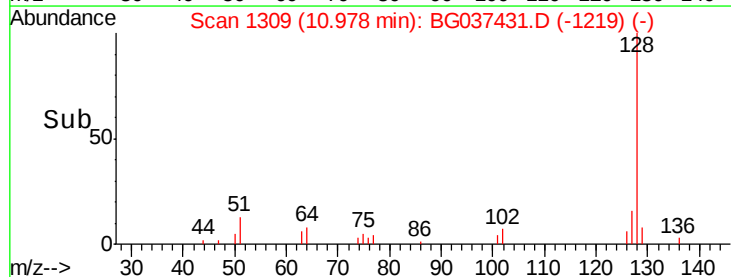
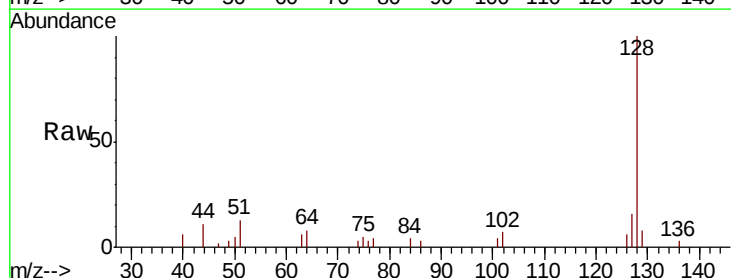
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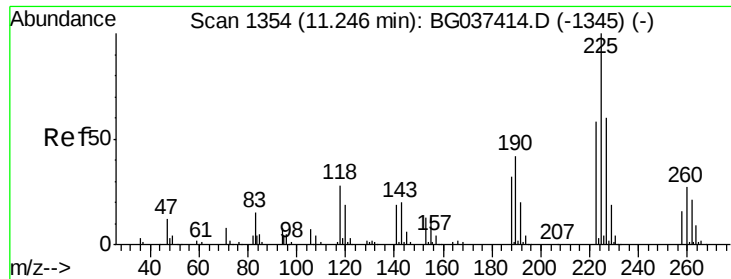
Sohil
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#31
Naphthalene
Concen: 1.115 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
128	100		
129	8.3	9.0	13.6
127	16.2	11.1	16.7





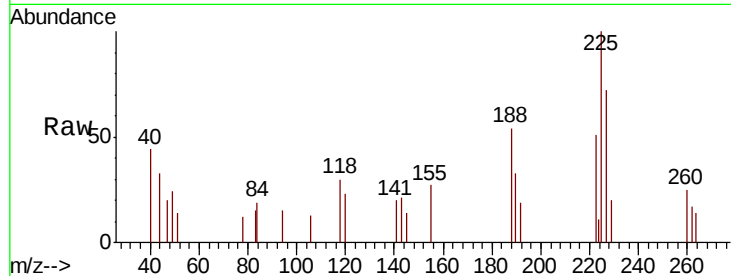
#34
Hexachlorobutadiene
Concen: 0.938 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

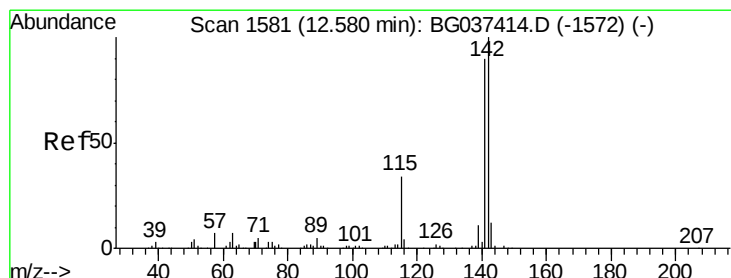
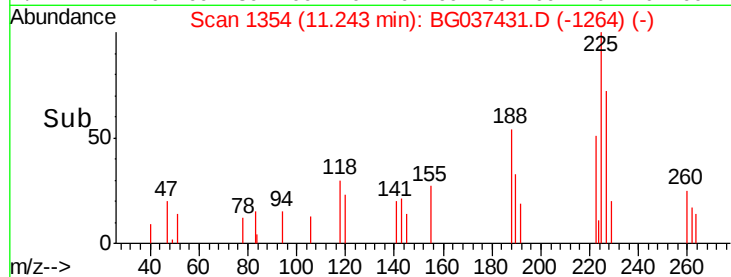
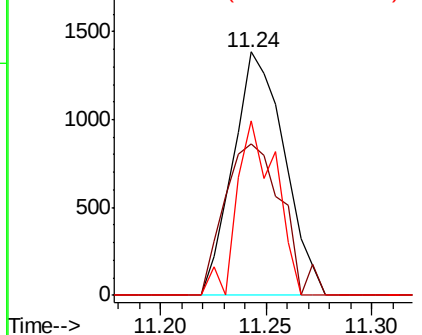
Tot Ion:	225	Resp:	2335
Ion Ratio	Lower	Upper	
225	100		
223	62.3	48.2	72.4
227	71.8	51.6	77.4

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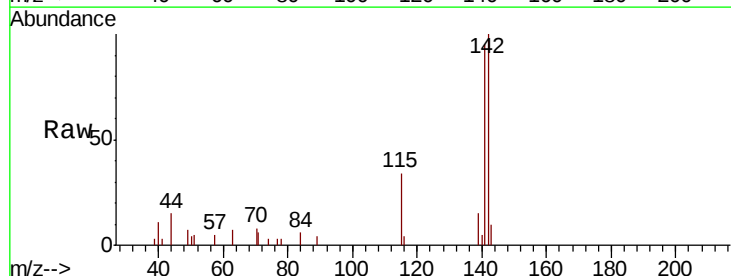


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

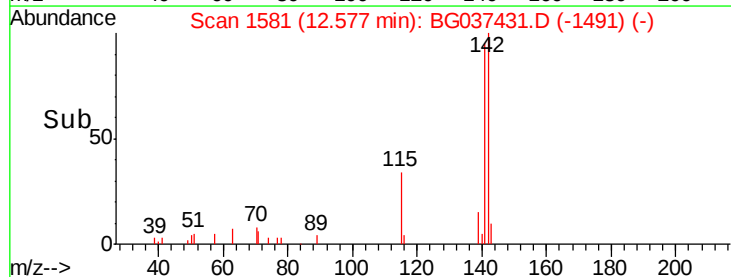
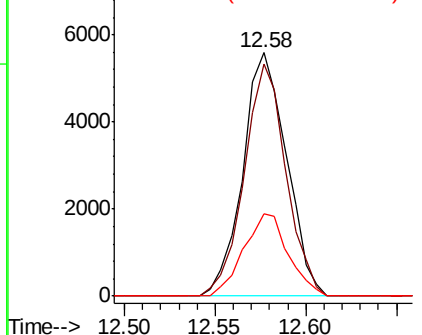


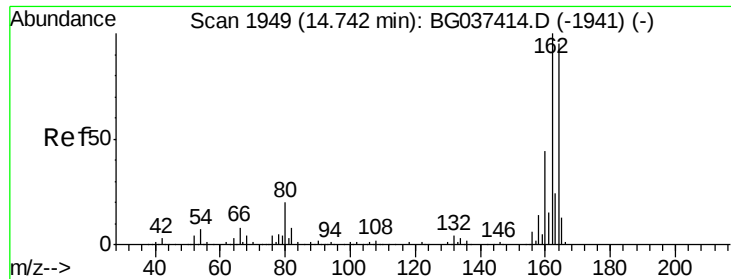
#37
2-Methylnaphthalene
Concen: 1.124 ng
RT: 12.58 min Scan# 1581
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion:	142	Resp:	9358
Ion Ratio	Lower	Upper	
142	100		
141	95.3	71.9	107.9
115	34.0	27.8	41.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





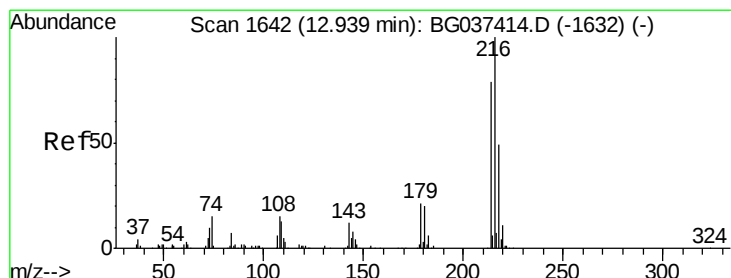
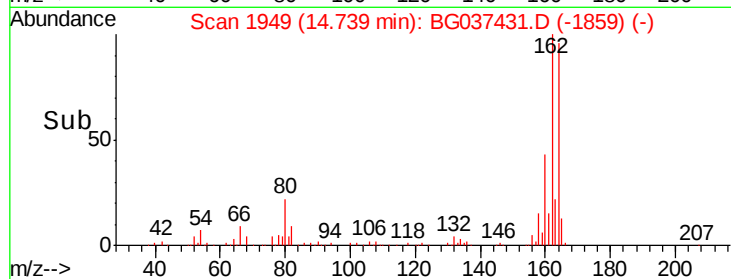
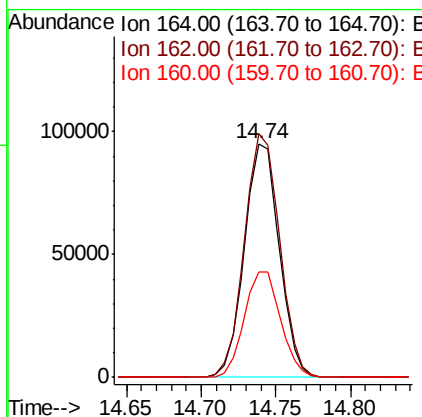
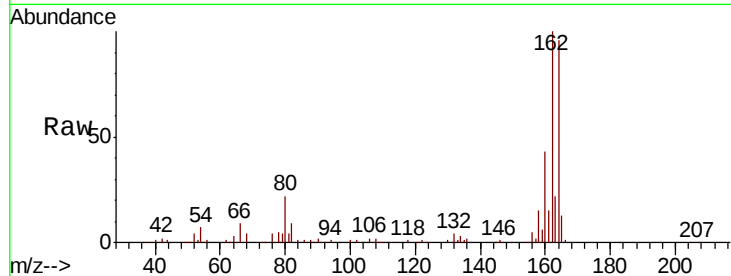
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.3	121.9
160	45.4	36.3	54.5

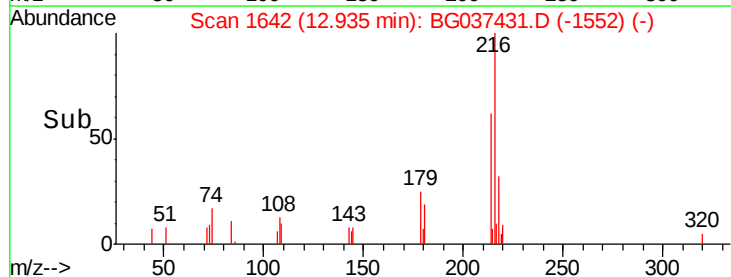
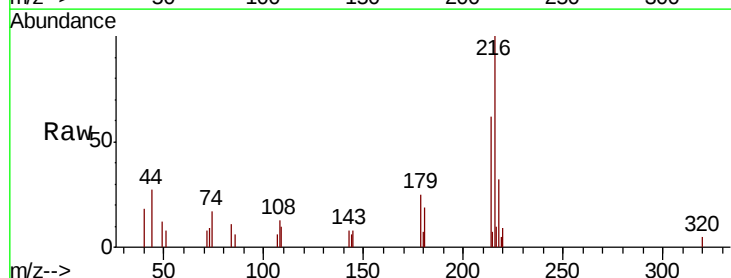
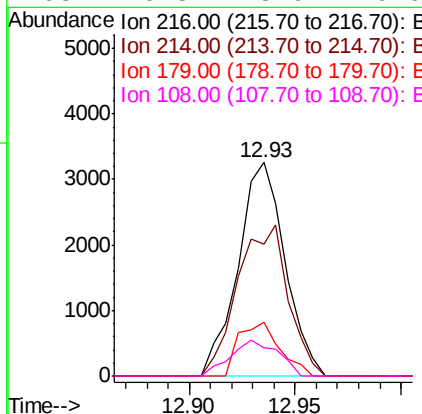
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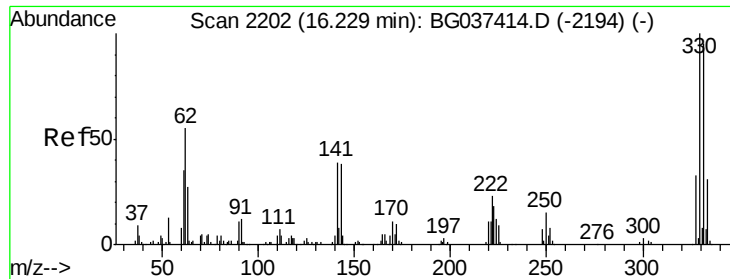
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 1.011 ng
RT: 12.93 min Scan# 1642
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.1	63.8	95.6
179	22.0	17.4	26.0
108	16.8	13.9	20.9





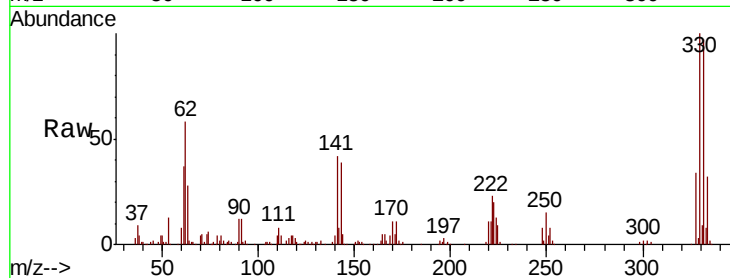
#42
 2,4,6-Tribromophenol
 Concen: 139.128 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.2	78.4	117.6	
141	39.8	32.2	48.2	

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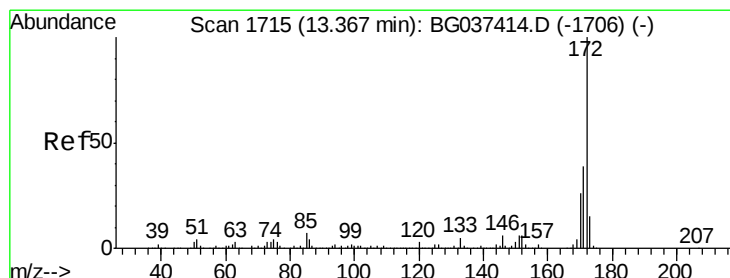
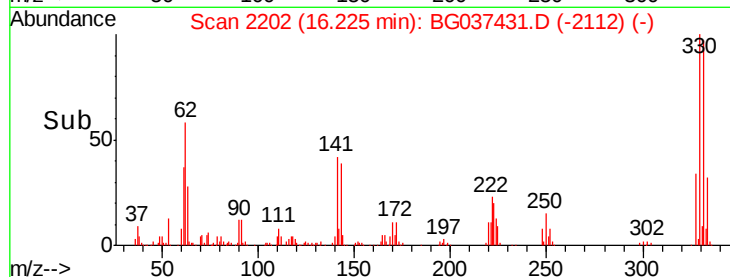
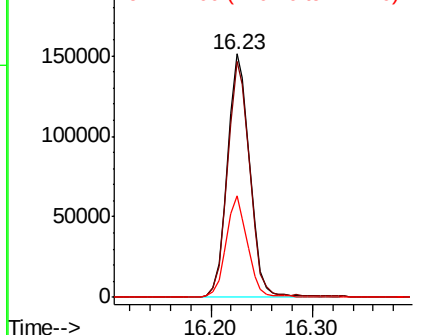


Abundance

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



#45
 2-Fluorobiphenyl
 Concen: 82.086 ng
 RT: 13.36 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

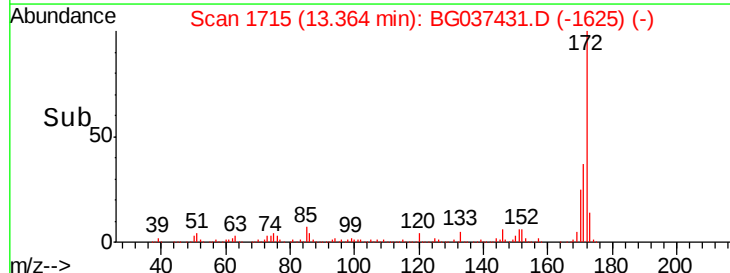
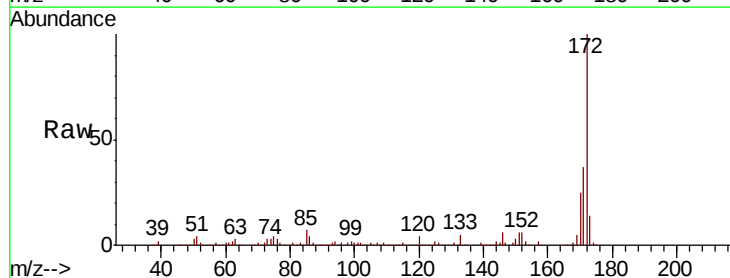
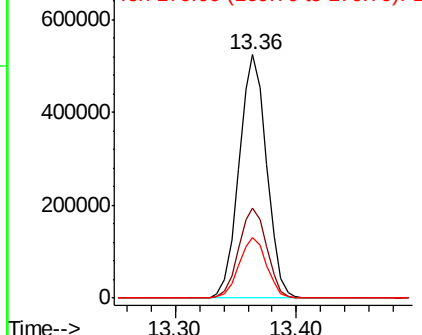
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	37.1	31.0	46.4	
170	25.1	20.2	30.2	

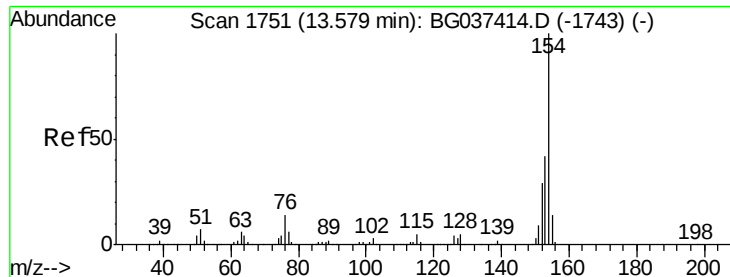
Abundance

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





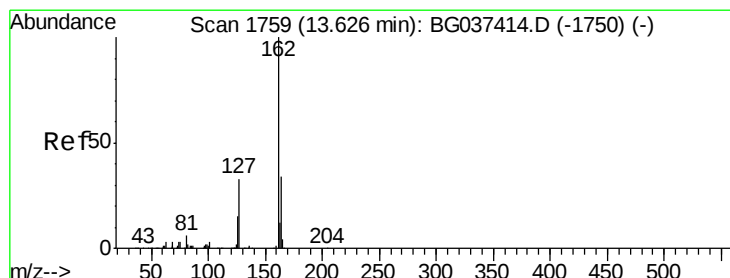
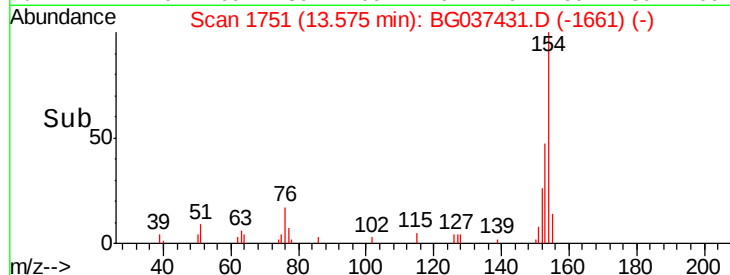
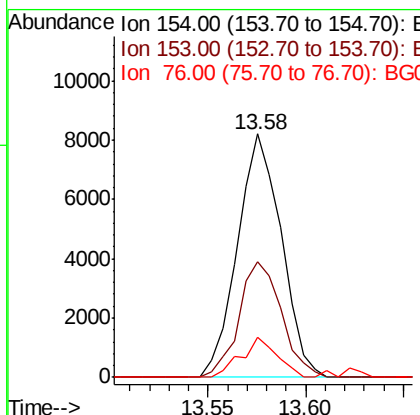
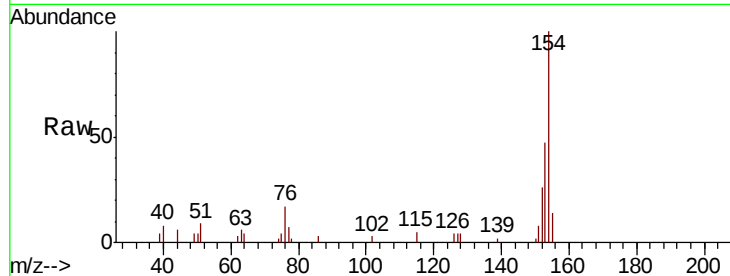
#46
 1,1'-Biphenyl
 Concen: 1.004 ng
 RT: 13.58 min Scan# 1751
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
154	100		
153	47.3	22.1	62.1
76	16.7	0.0	33.2

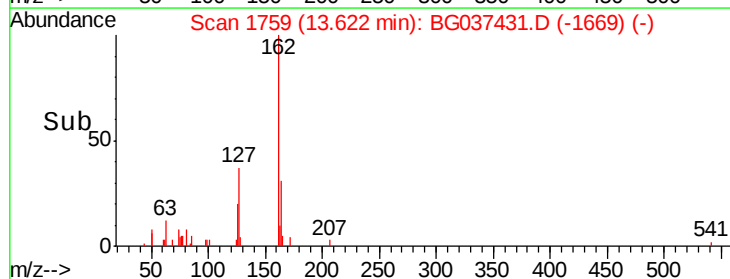
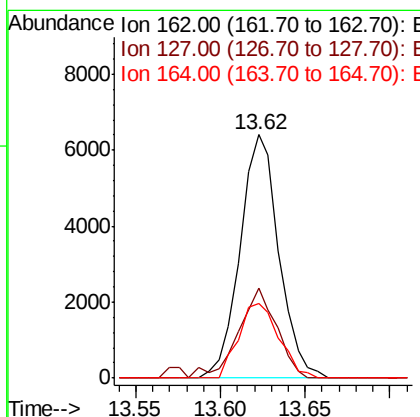
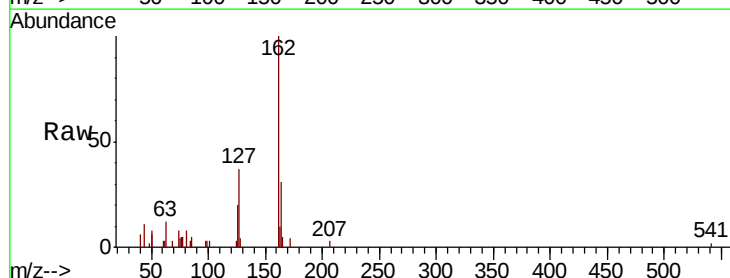
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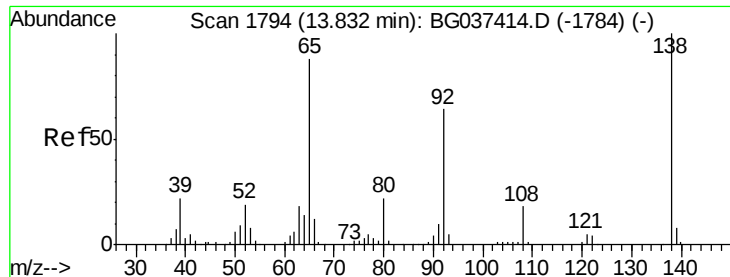
Sohil
 10/19/2018 3:57:50 PM



#47
 2-Chloronaphthalene
 Concen: 1.064 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.9	30.5	45.7
164	30.5	26.4	39.6





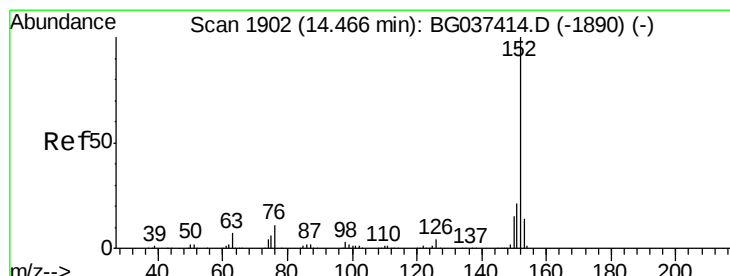
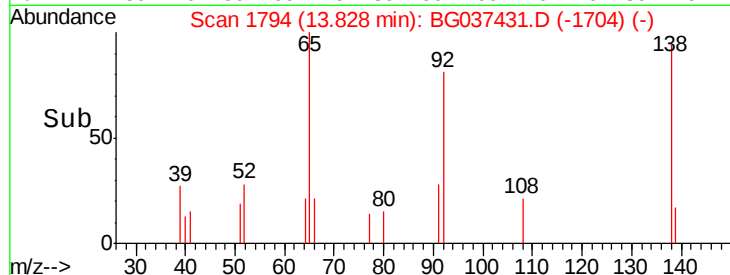
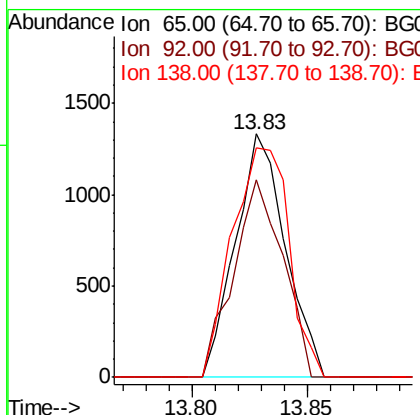
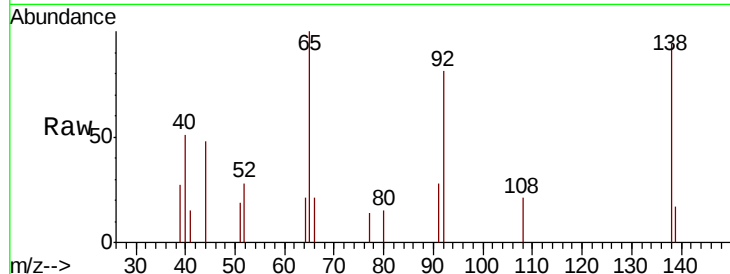
#48
 2-Nitroaniline
 Concen: 0.688 ng
 RT: 13.83 min Scan# 1794
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	81.0	53.2	79.8#
138	94.4	79.3	118.9

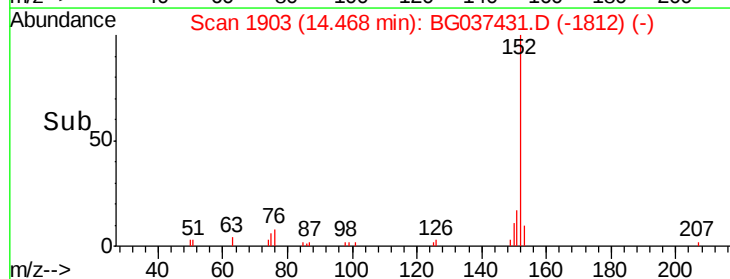
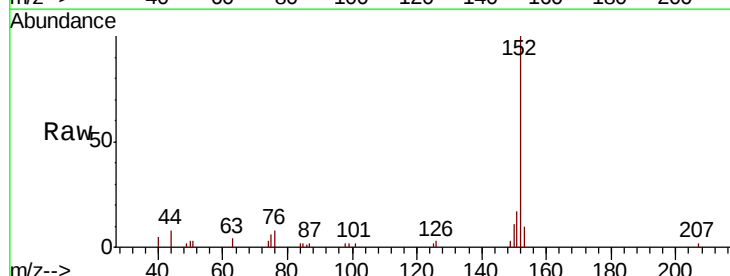
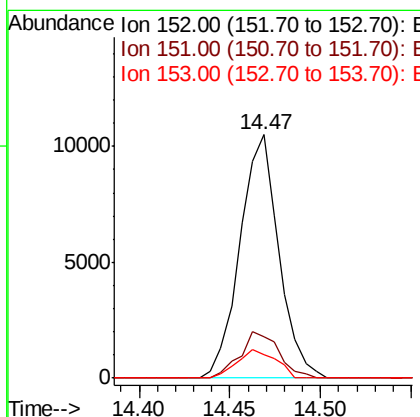
Manual Integrations
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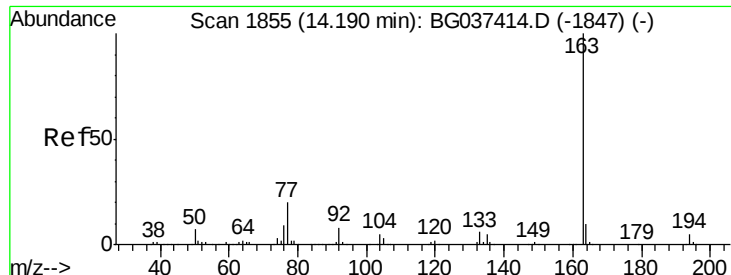
Sohil
 10/19/2018 3:57:50 PM



#49
 Acenaphthylene
 Concen: 1.088 ng
 RT: 14.47 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	16.7	17.1	25.7#
153	9.8	11.1	16.7#





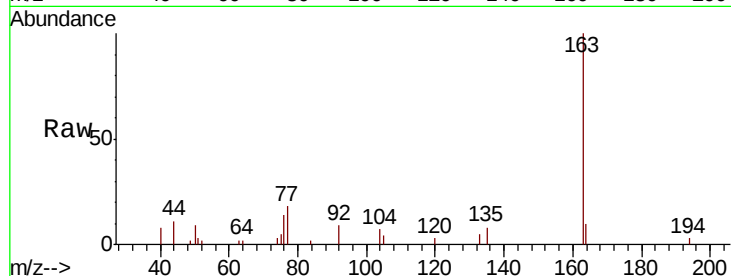
#50
Dimethylphthalate
Concen: 1.034 ng
RT: 14.19 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	10.1	8.5	12.7

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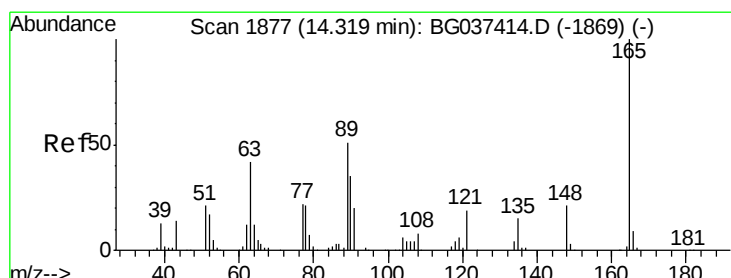
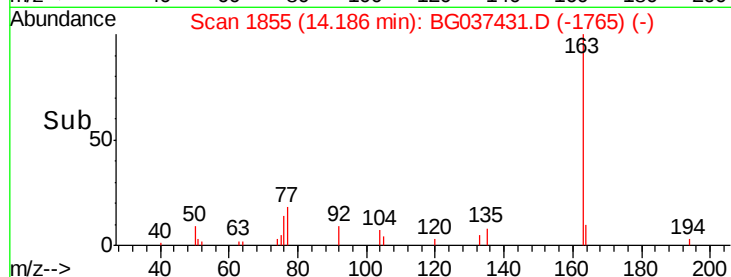
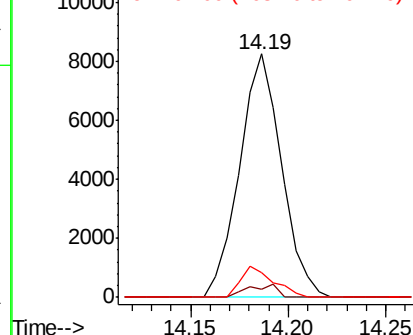


Abundance

Ion 163.00 (162.70 to 163.70): E

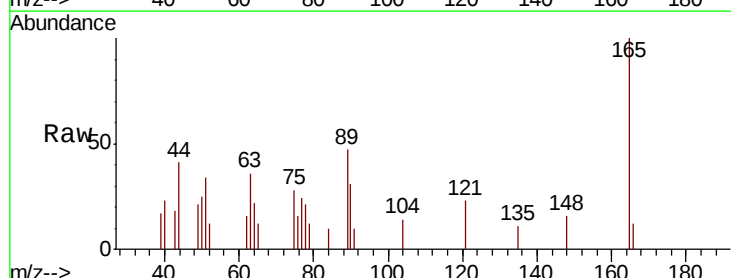
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51
2,6-Dinitrotoluene
Concen: 0.804 ng
RT: 14.32 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	35.9	43.4	65.2#
89	46.9	45.8	68.6

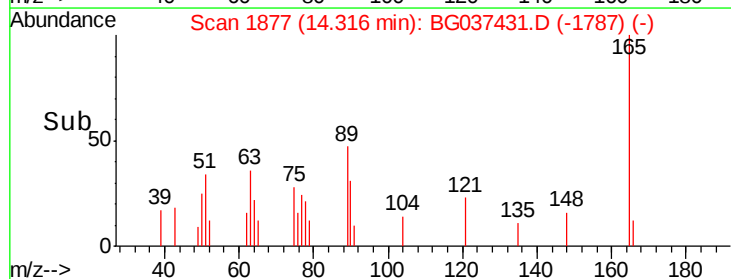
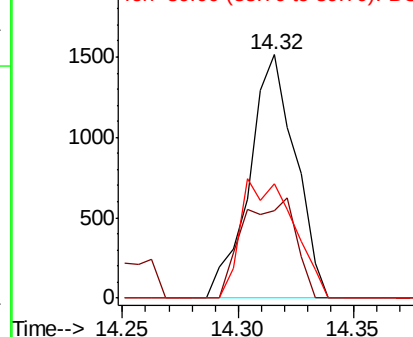


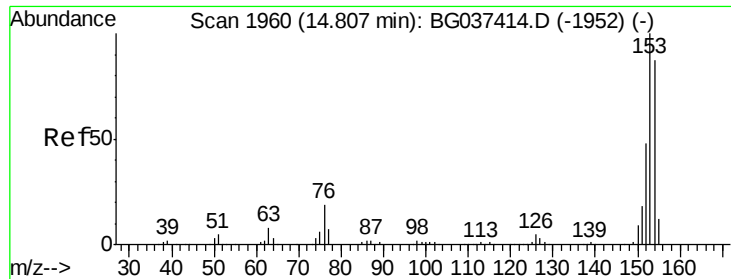
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#52

Acenaphthene

Concen: 1.100 ng

RT: 14.80 min Scan# 1960

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

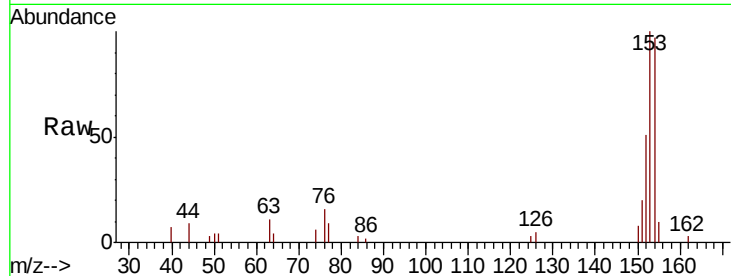
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

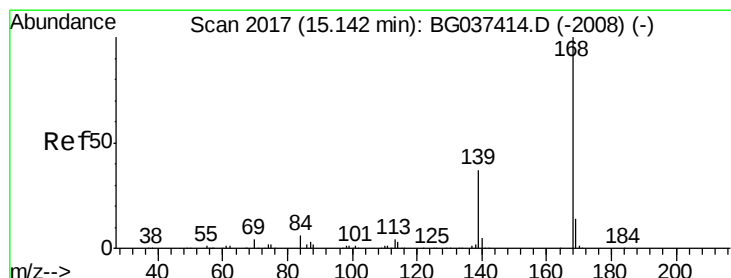
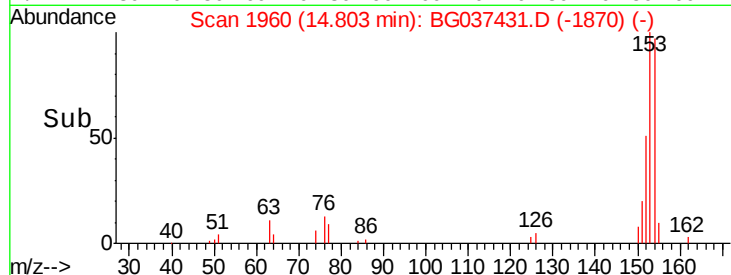
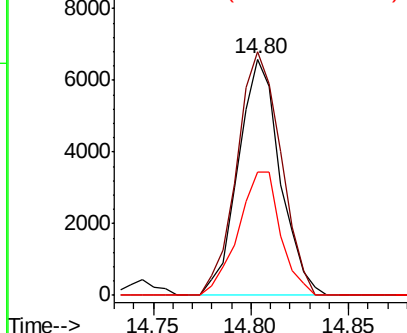
Tot Ion:	154	Resp:	9784
Ion	Ratio	Lower	Upper
154	100		
153	103.1	93.4	140.0
152	52.3	44.7	67.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#55

Dibenzofuran

Concen: 1.112 ng

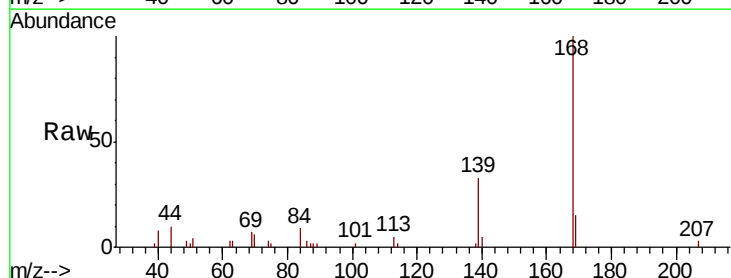
RT: 15.14 min Scan# 2017

Delta R.T. -0.00 min

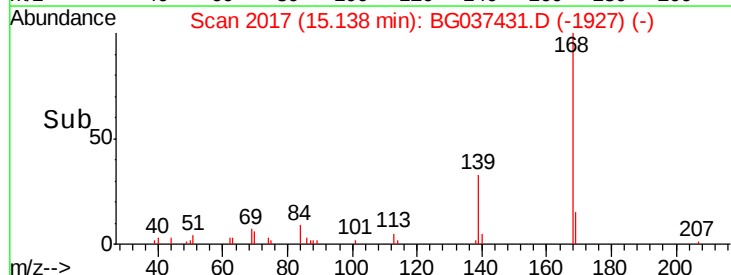
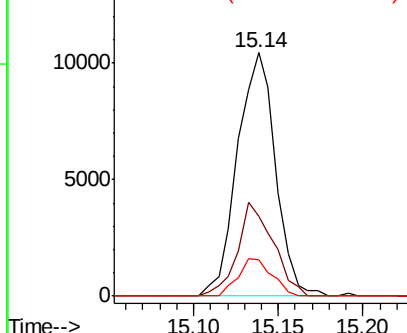
Lab File: BG037431.D

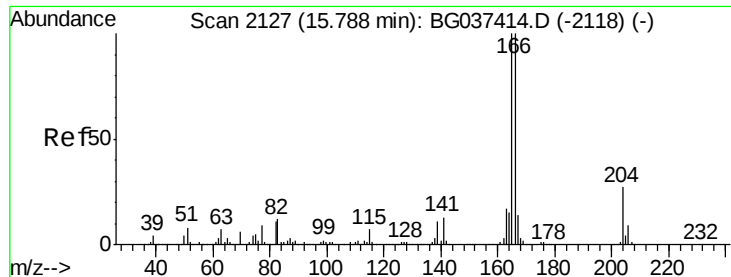
Acq: 18 Oct 2018 22:31

Tgt Ion:	168	Resp:	16393
Ion	Ratio	Lower	Upper
168	100		
139	32.6	29.4	44.0
169	14.7	11.0	16.6



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





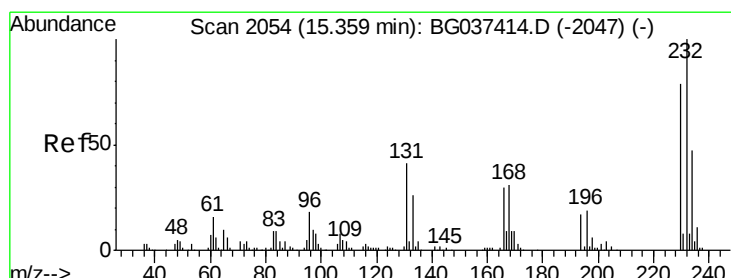
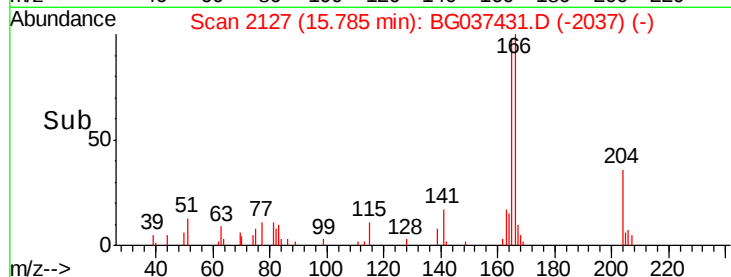
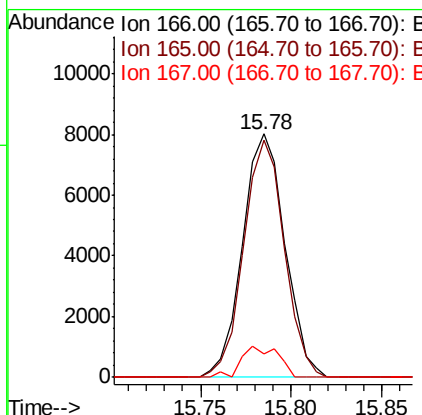
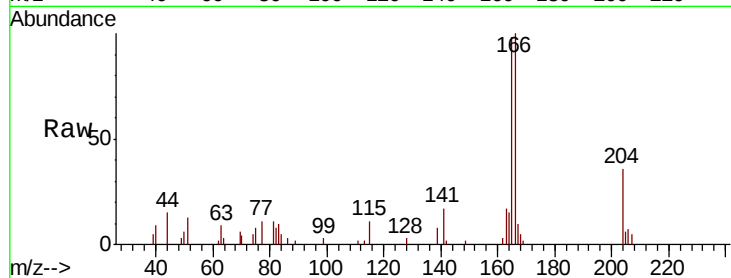
#58
 Fluorene
 Concen: 1.187 ng
 RT: 15.78 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	79.0	118.6
167	9.7	11.3	16.9#

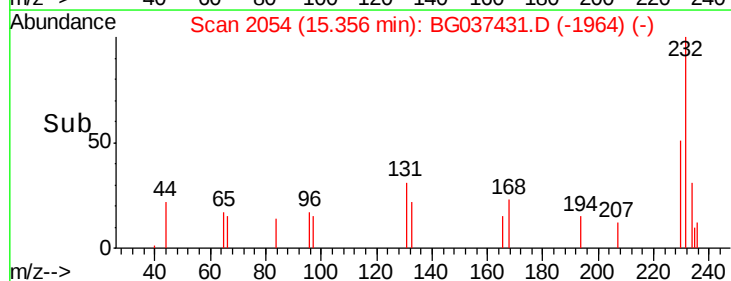
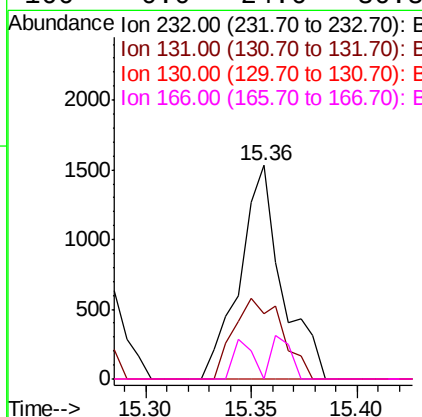
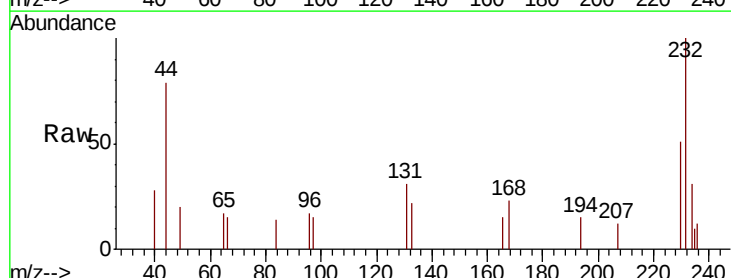
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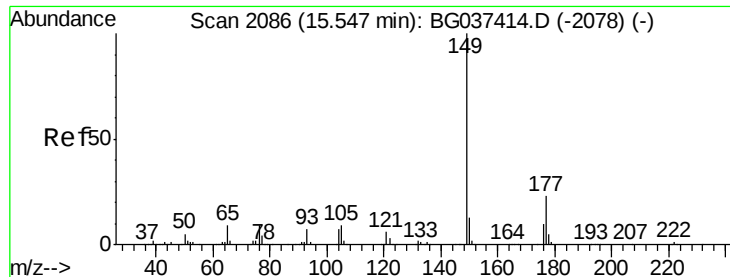
Sohil
 10/19/2018 3:57:50 PM



#59
 2,3,4,6-Tetrachlorophenol
 Concen: 0.693 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.0	33.7	50.5
130	0.0	2.1	3.1#
166	0.0	24.6	36.8#





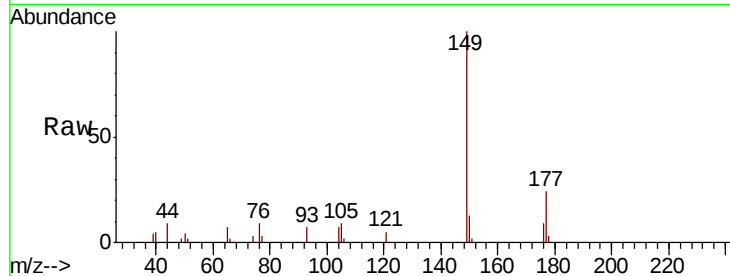
#60
Diethylphthalate
Concen: 1.022 ng
RT: 15.54 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	12.6	10.0	15.0

Manual Integrations
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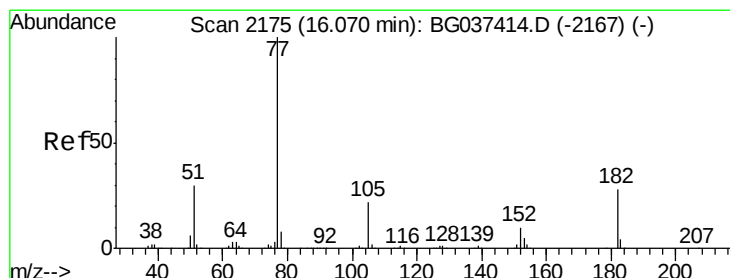
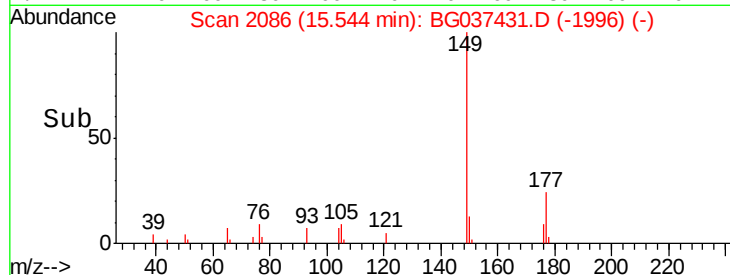
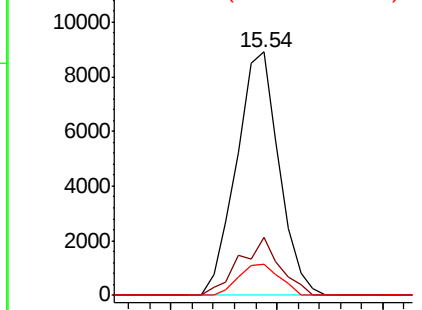


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#63
Azobenzene
Concen: 1.021 ng
RT: 16.07 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	8.0	48.0
105	20.8	1.3	41.3
51	27.5	10.7	50.7

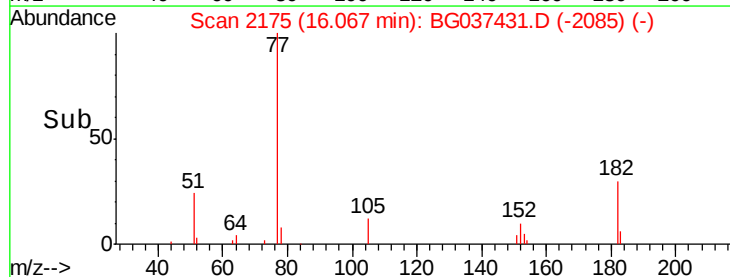
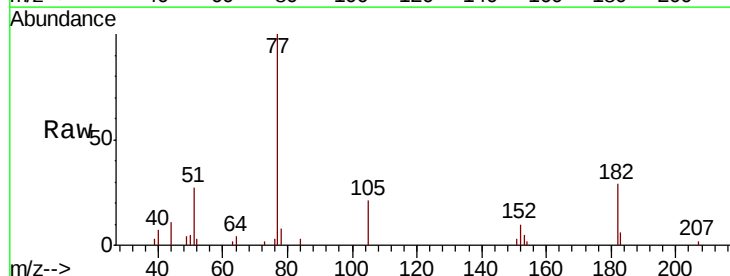
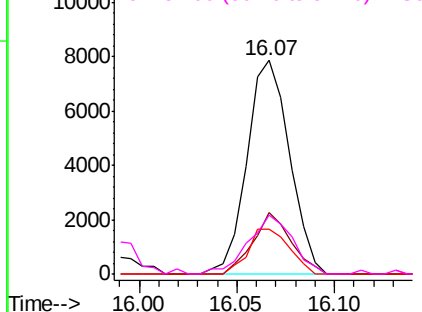
Abundance

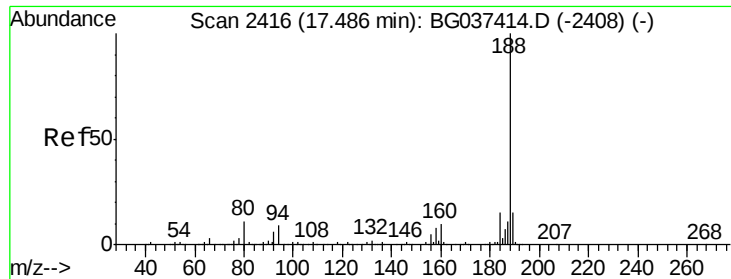
Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2417

Delta R.T. 0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

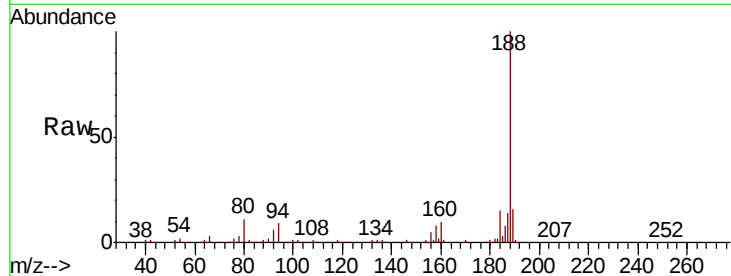
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:	188	Resp:	385252
Ion Ratio	Lower	Upper	
188	100		
94	8.5	7.2	10.8
80	10.7	7.7	11.5

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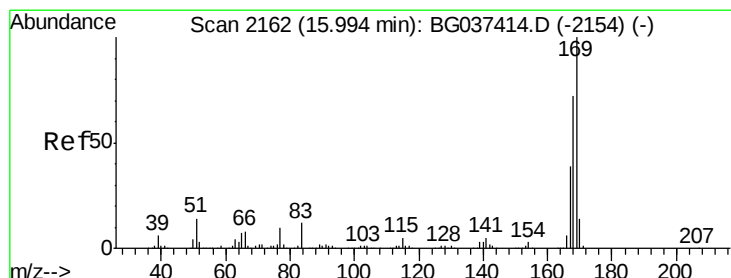
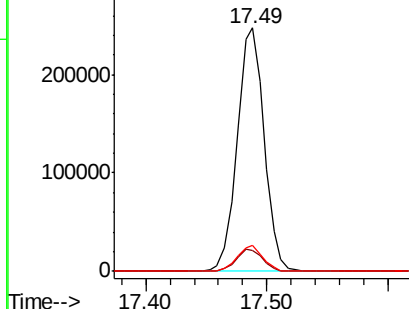
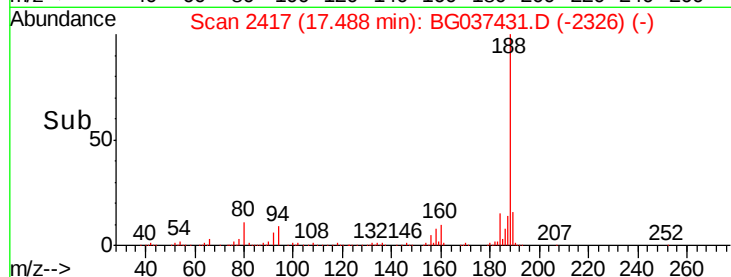
Sohil
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#66

n-Nitrosodiphenylamine

Concen: 0.868 ng

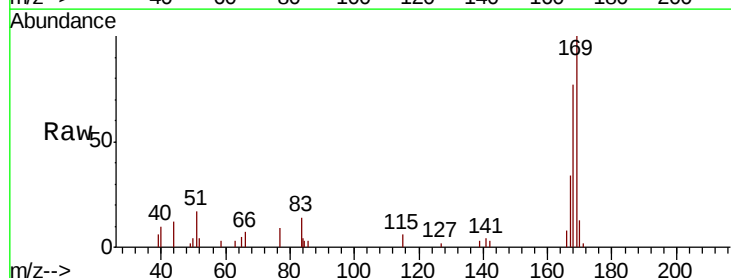
RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

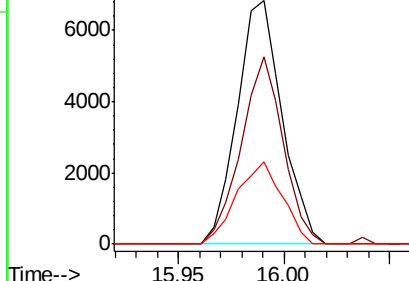
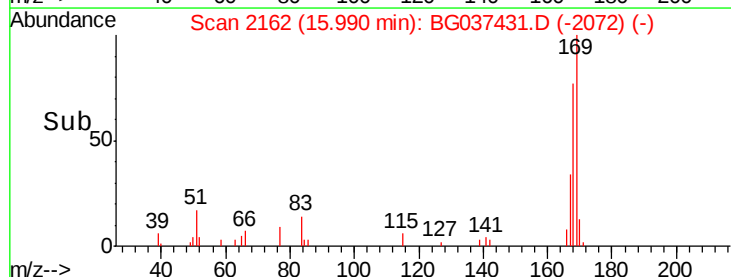
Tgt Ion:	169	Resp:	10053
Ion Ratio	Lower	Upper	
169	100		
168	77.0	55.7	83.5
167	34.1	31.3	46.9

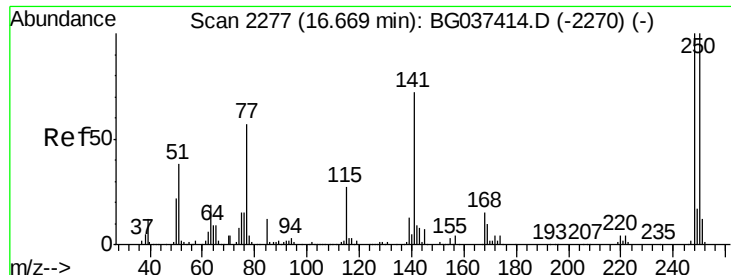


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





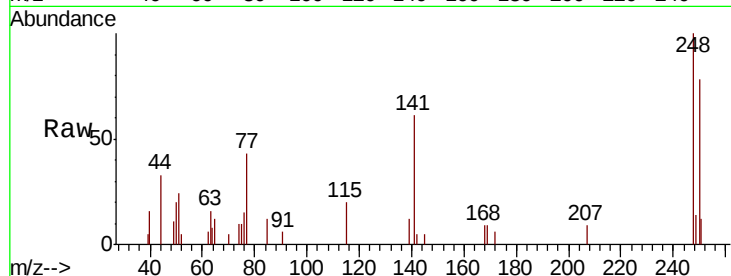
#67
4-Bromophenyl-phenylether
Concen: 0.931 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
248	100		
250	77.9	77.0	115.6
141	60.8	55.5	83.3

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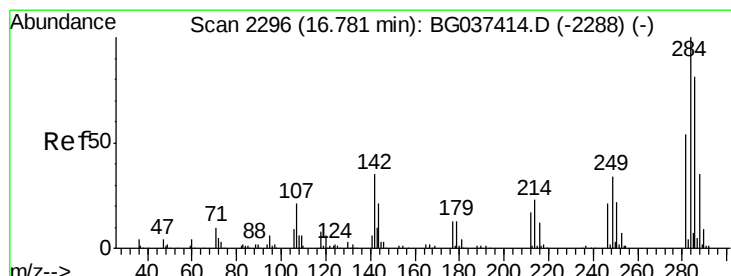
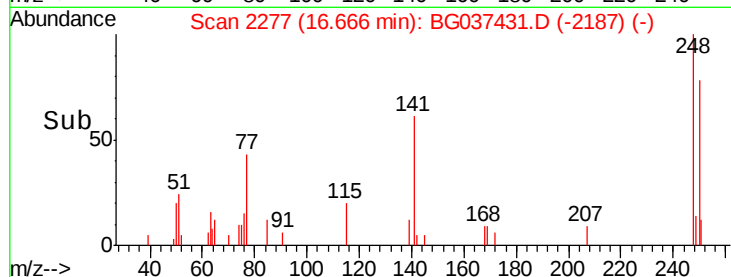
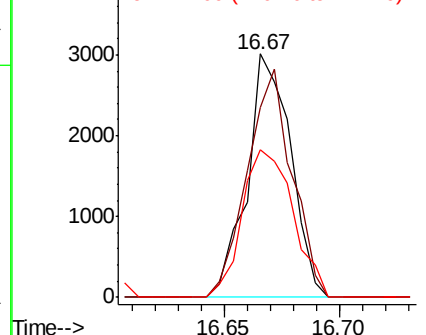


Abundance

Ion 248.00 (247.70 to 248.70): E

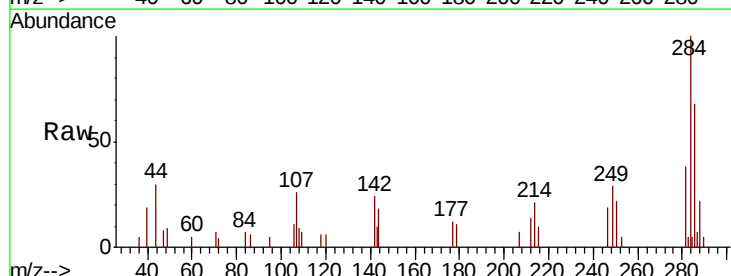
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 1.033 ng
RT: 16.78 min Scan# 2296
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.3	28.1	42.1#
249	28.8	29.8	44.8#

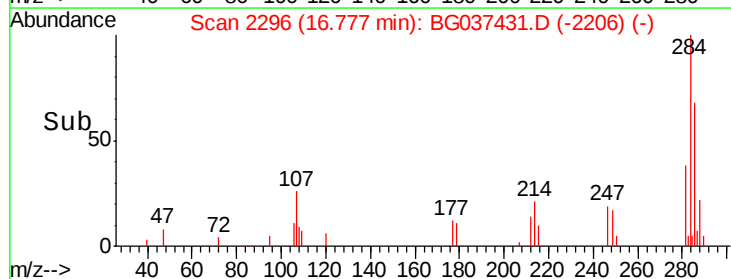
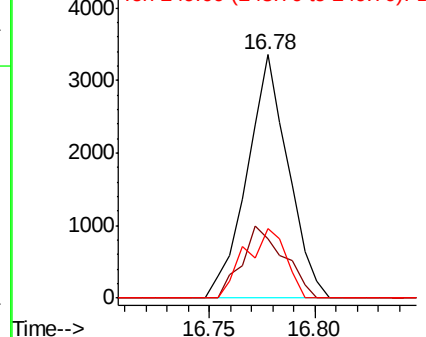


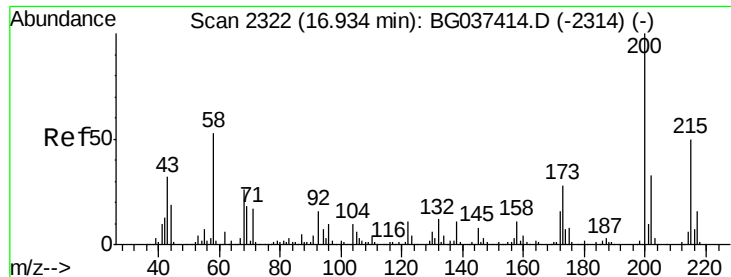
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





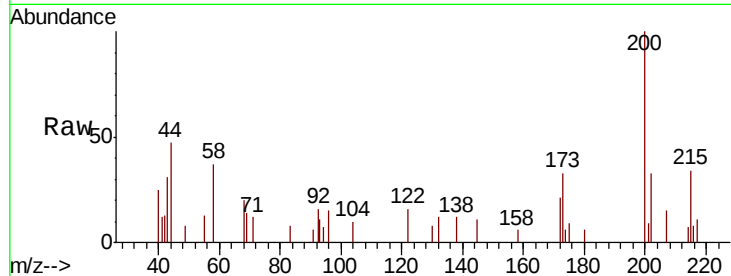
#69
Atrazine
Concen: 0.944 ng
RT: 16.93 min Scan# 2322
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
200	100		
173	32.7	6.1	46.1
215	33.7	30.8	70.8

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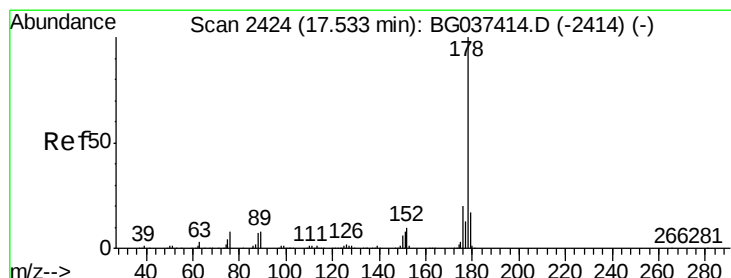
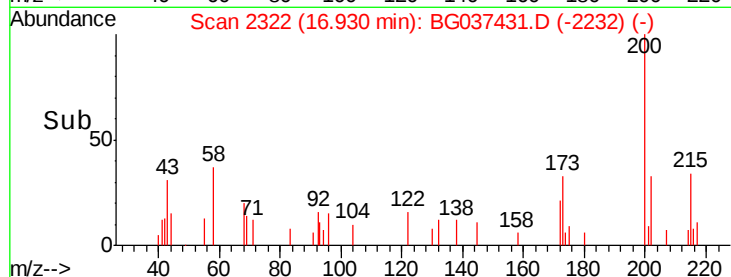
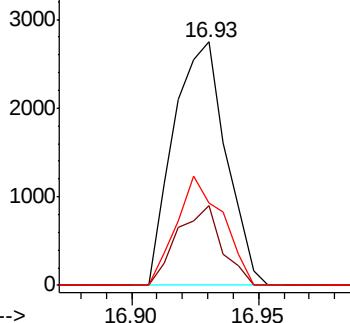


Abundance

Ion 200.00 (199.70 to 200.70): E

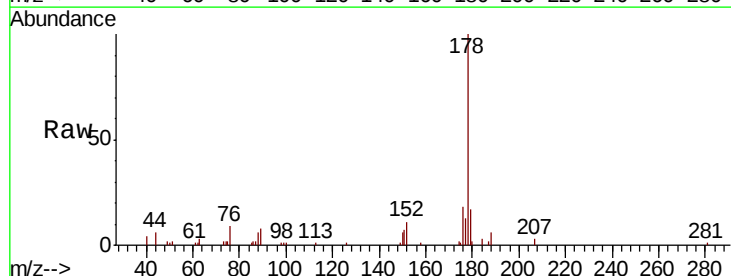
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#71
Phenanthrene
Concen: 1.163 ng
RT: 17.53 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	16.1	24.1
179	17.4	13.0	19.4

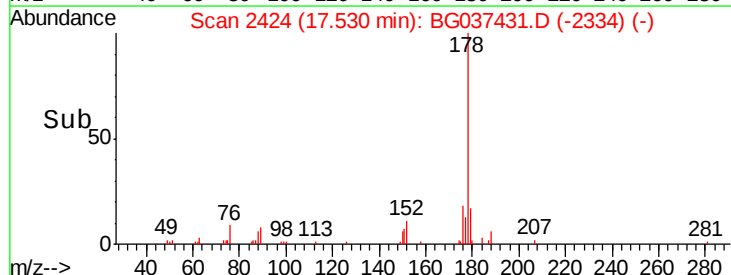
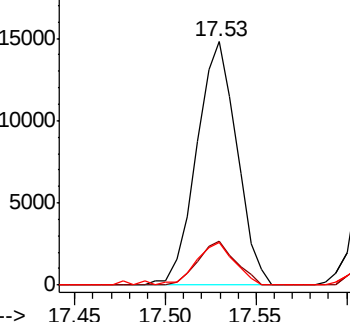


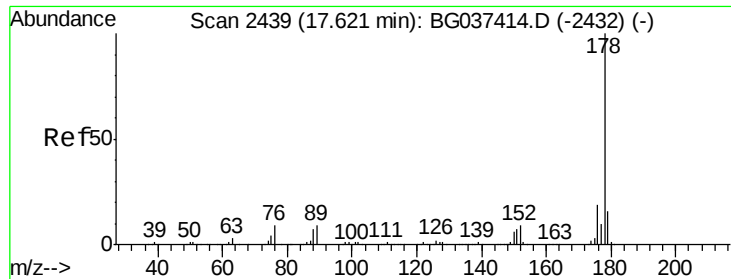
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 1.124 ng

RT: 17.62 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

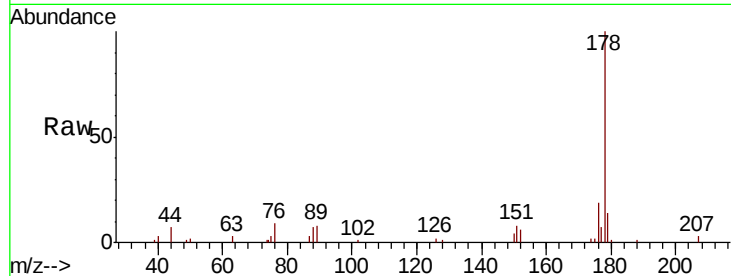
ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

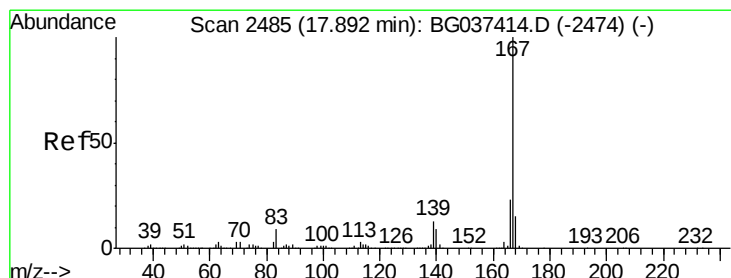
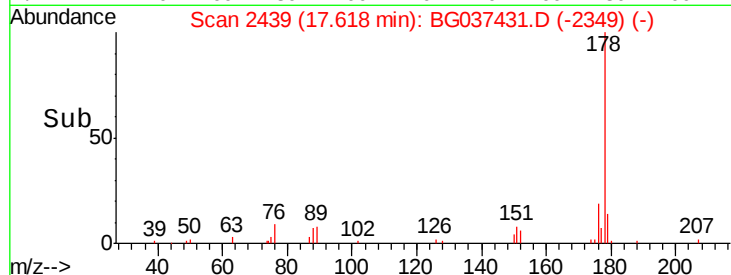
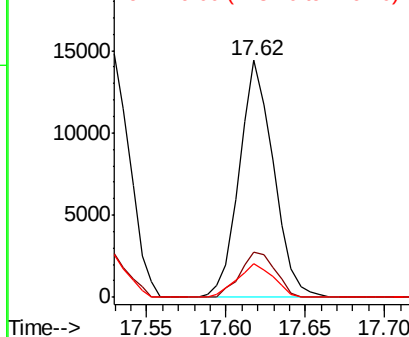
Tot Ion:	178	Resp:	21590
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.0	22.4
179	14.1	12.8	19.2

Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.893 ng

RT: 17.89 min Scan# 2485

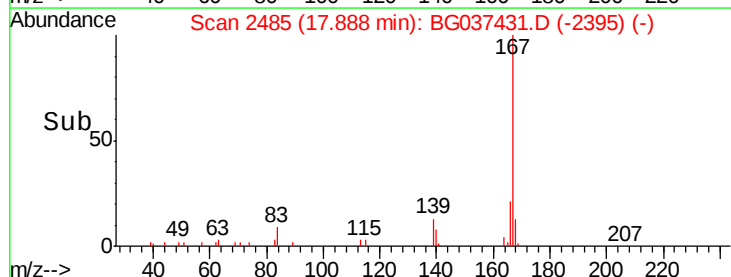
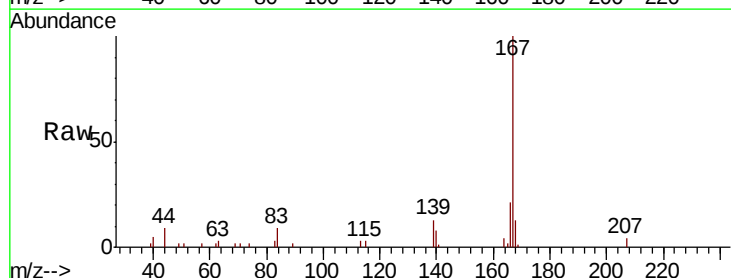
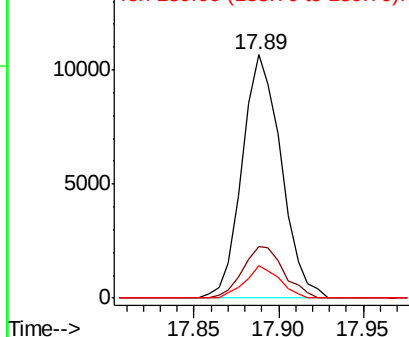
Delta R.T. -0.00 min

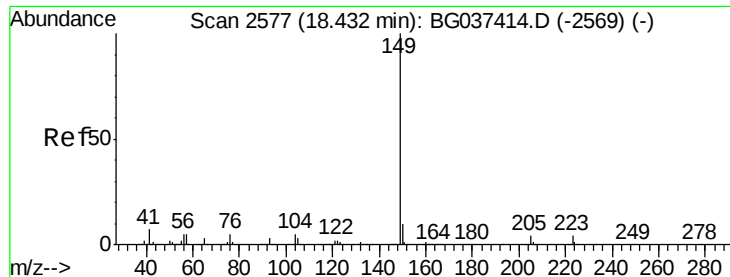
Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Tgt Ion:	167	Resp:	17172
Ion Ratio	Lower	Upper	
167	100		
166	21.4	18.3	27.5
139	13.2	10.5	15.7

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





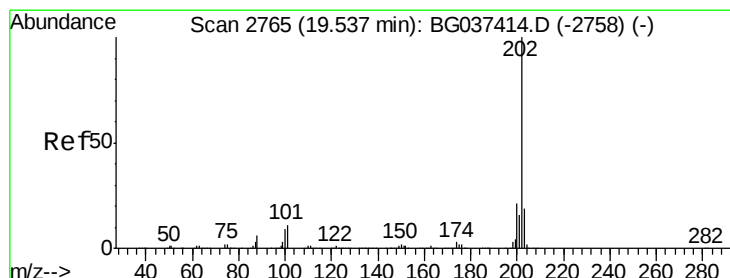
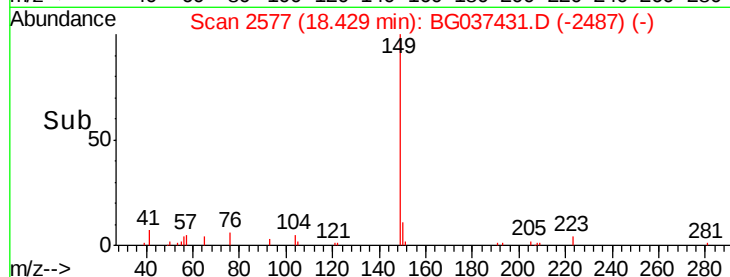
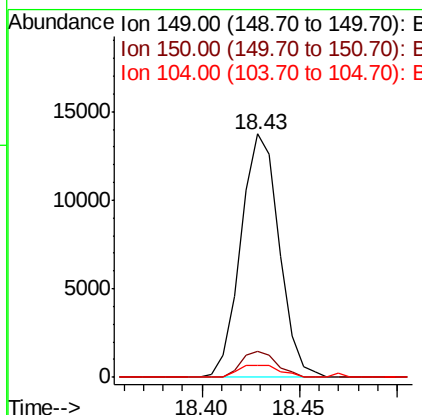
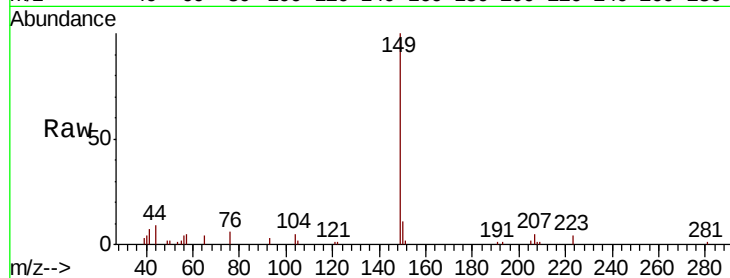
#74
Di-n-butylphthalate
Concen: 0.876 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
149	100		
150	10.9	8.2	12.2
104	4.9	4.0	6.0

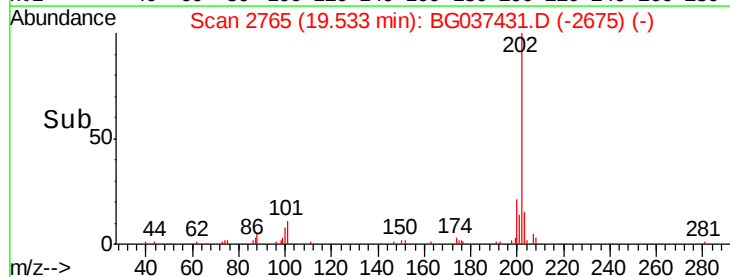
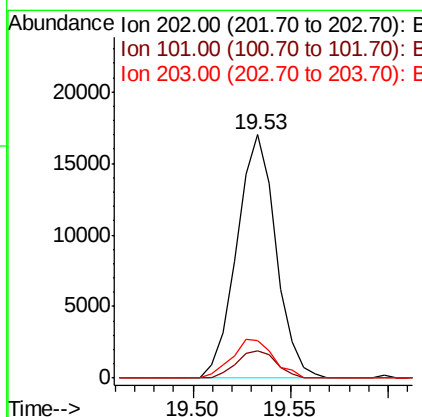
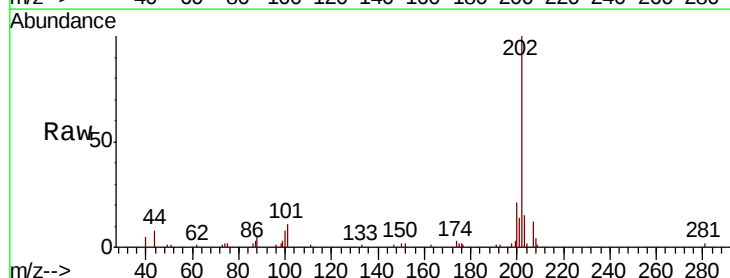
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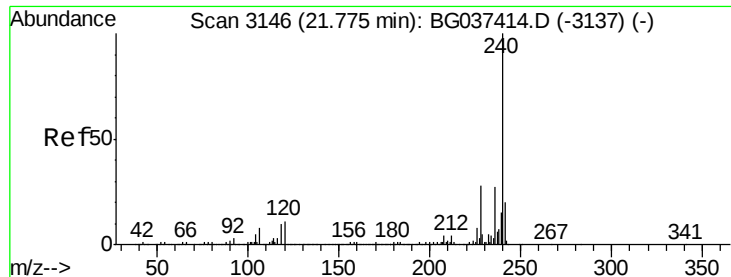
Sohil
10/19/2018 3:57:50 PM



#75
Fluoranthene
Concen: 1.062 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.7
203	15.2	0.0	38.5





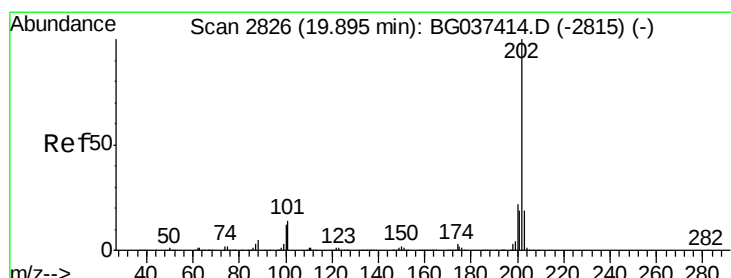
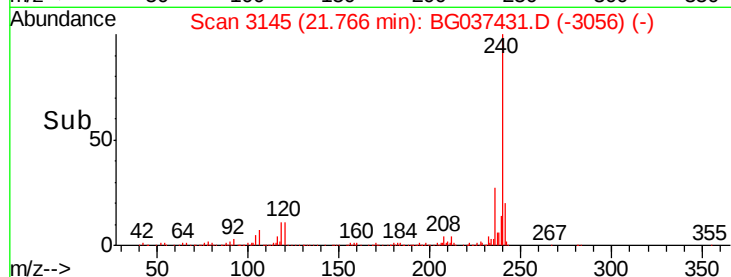
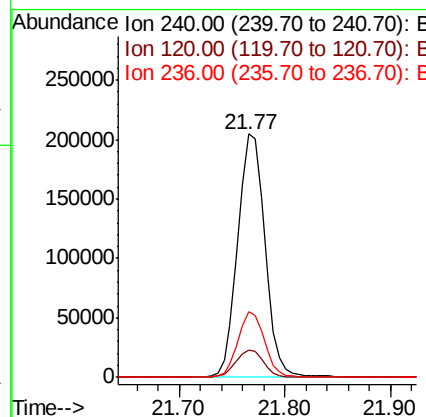
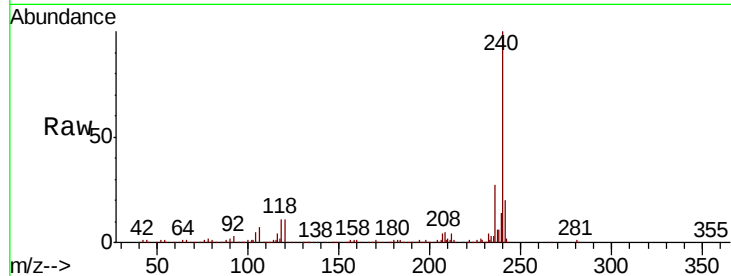
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.77 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.1	12.1
236	27.1	21.4	32.0

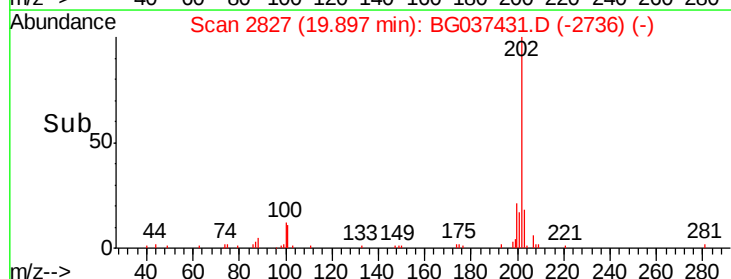
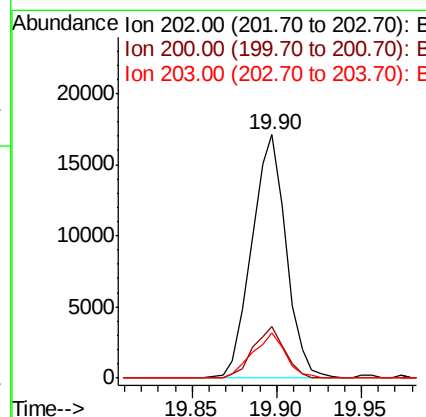
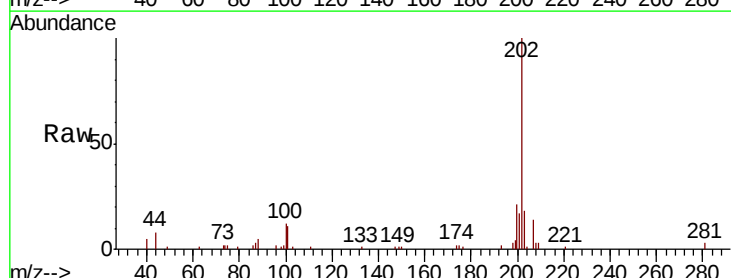
Manual Integrations
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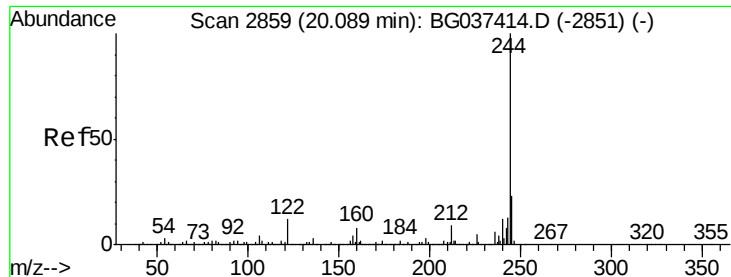
Sohil
10/19/2018 3:57:50 PM



#78
Pyrene
Concen: 1.013 ng
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.8	26.6
203	18.4	15.2	22.8





#79

Terphenyl-d14

Concen: 76.901 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tot Ion:244 Resp: 1318300

Ion Ratio Lower Upper

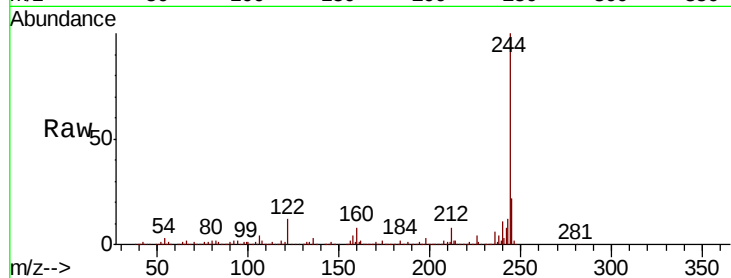
244 100

212 8.2 6.5 9.7

122 11.8 9.0 13.4

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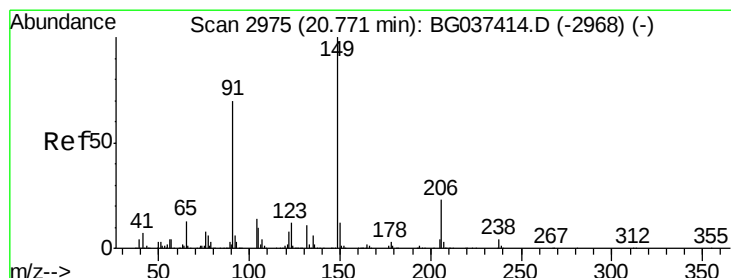
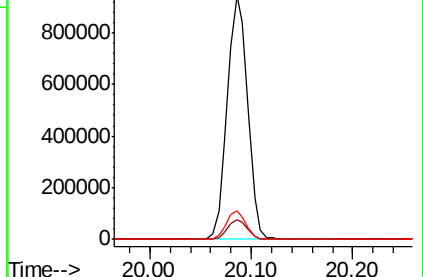
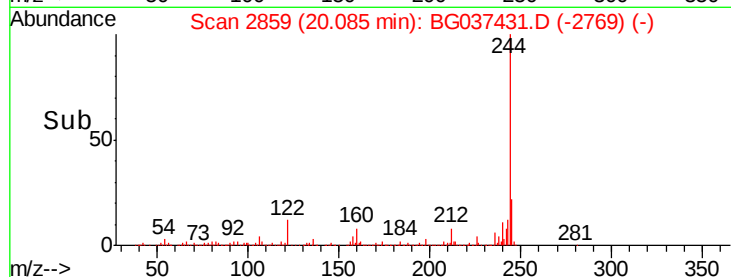
Sohil
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 0.747 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037431.D

Acq: 18 Oct 2018 22:31

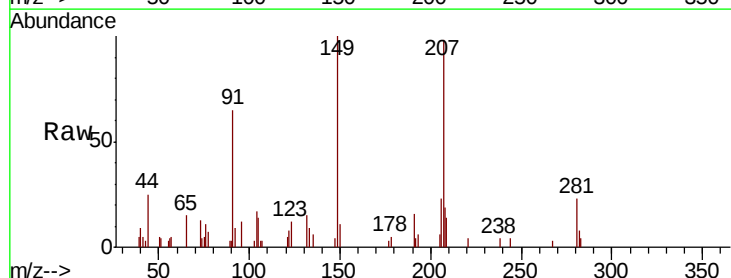
Tgt Ion:149 Resp: 7316

Ion Ratio Lower Upper

149 100

91 64.6 57.0 85.4

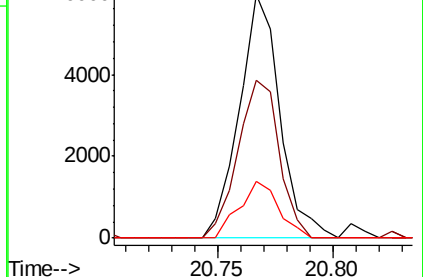
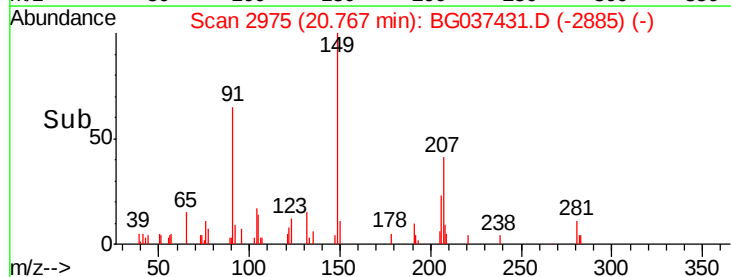
206 23.4 17.8 26.6

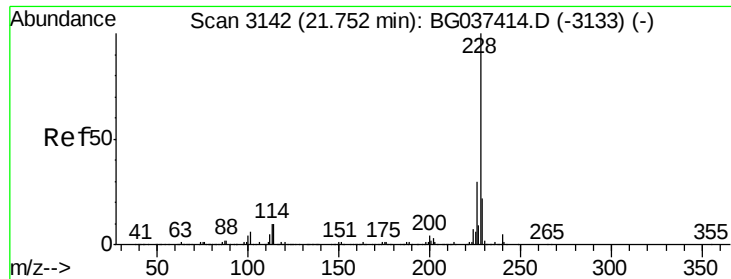


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





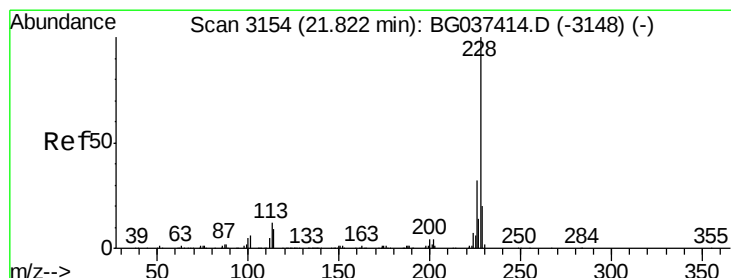
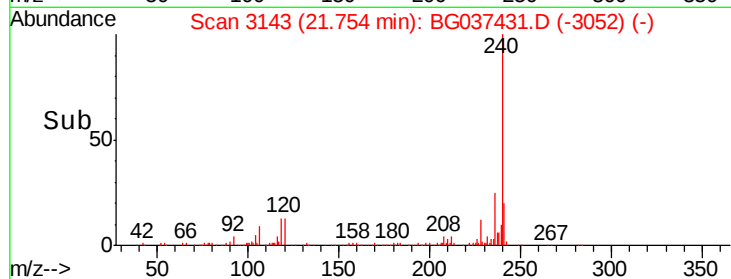
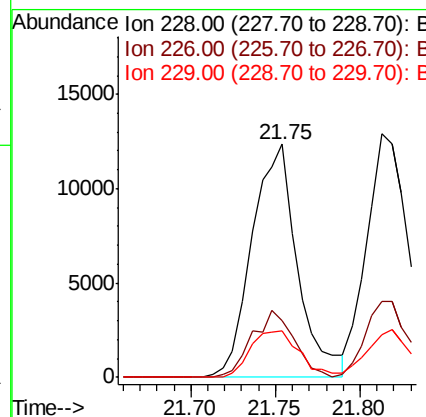
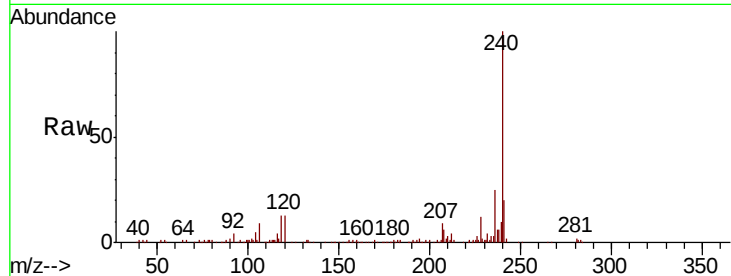
#81
Benzo(a)anthracene
Concen: 1.069 ng
RT: 21.75 min Scan# 3143
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
228	100		
226	24.1	22.6	33.8
229	19.9	16.3	24.5

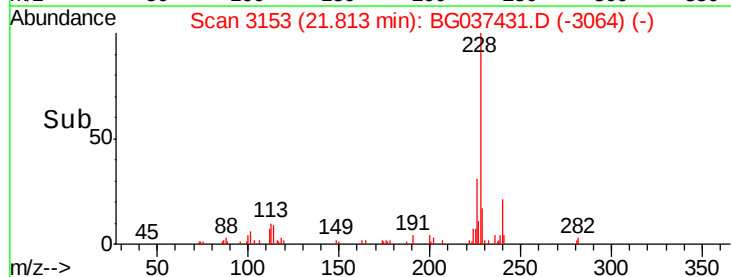
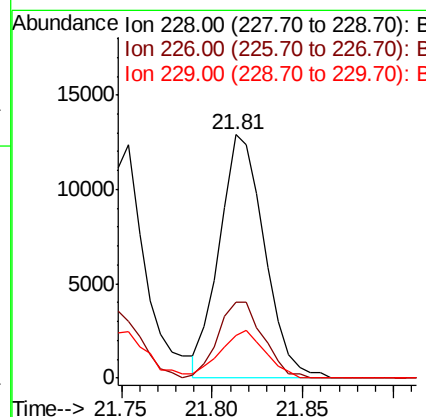
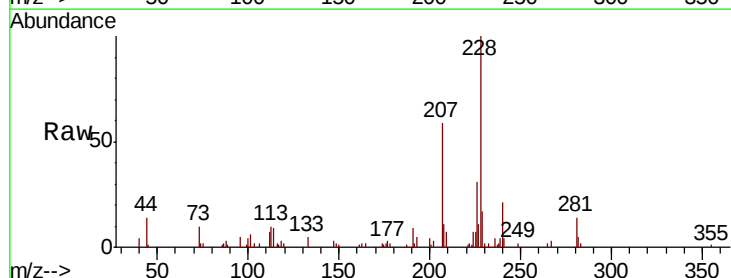
Manual Integrations
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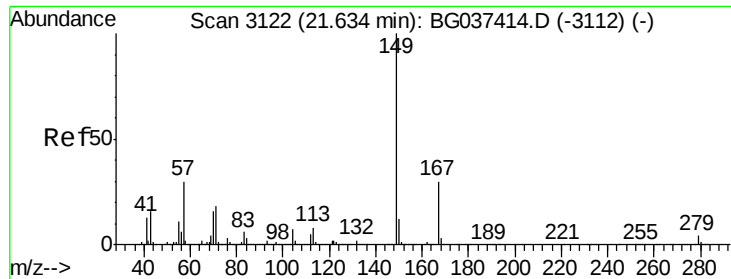
Sohil
10/19/2018 3:57:50 PM



#83
Chrysene
Concen: 1.071 ng
RT: 21.81 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.7	38.5
229	17.4	16.5	24.7





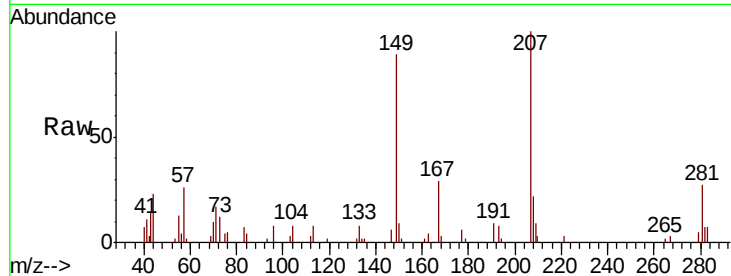
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 0.705 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	32.2	23.0	34.4
279	5.6	3.6	5.4#

Manual Integrations
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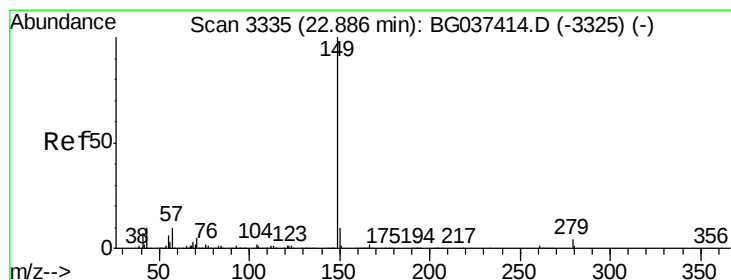
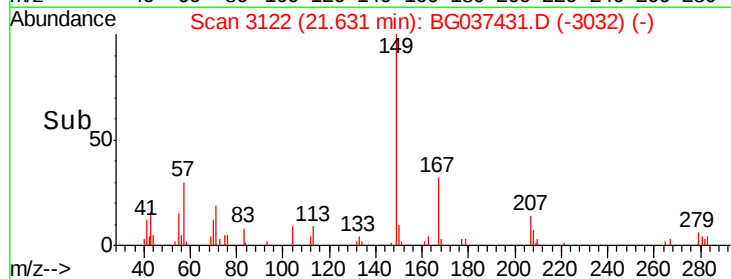
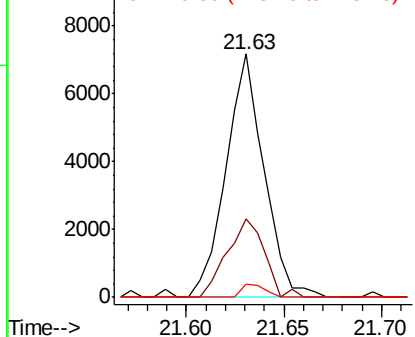


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Di-n-octyl phthalate
 Concen: 0.693 ng
 RT: 22.88 min Scan# 3334
 Delta R.T. -0.01 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

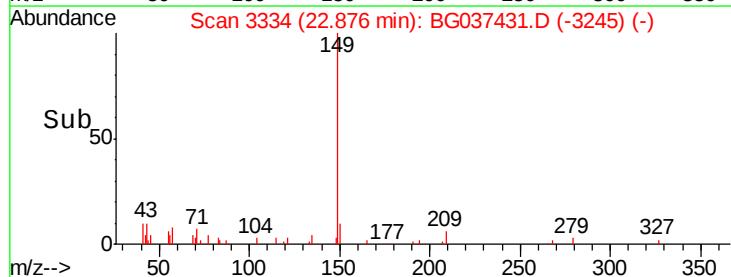
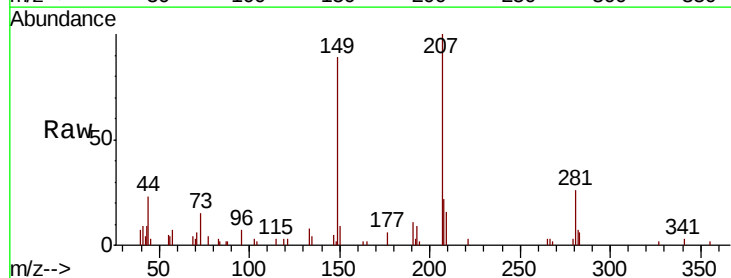
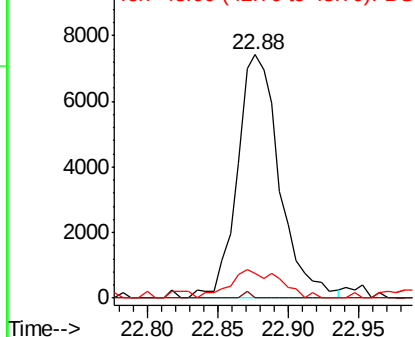
Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.4	1.3	1.9#
43	13.8	8.7	13.1#

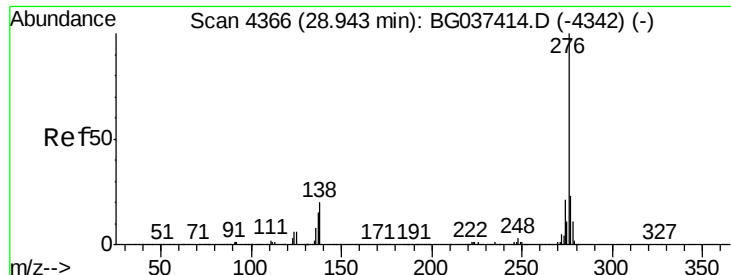
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





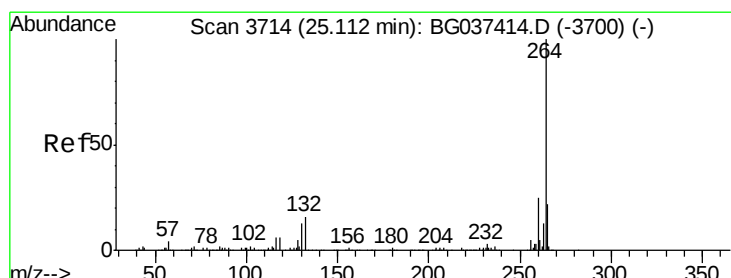
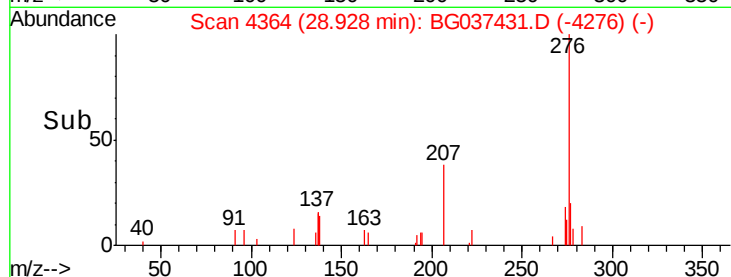
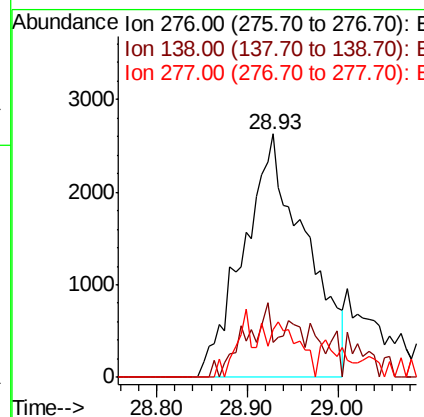
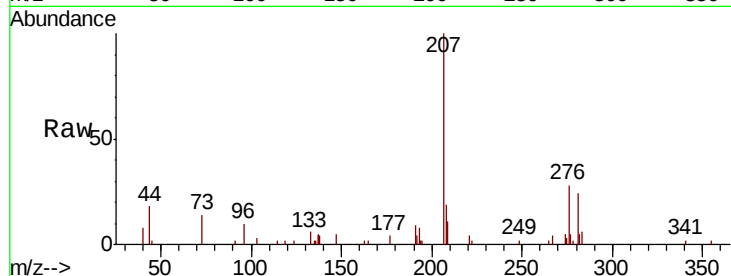
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 0.556 ng
 RT: 28.93 min Scan# 4364
 Delta R.T. -0.02 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
276	100				
138	13.8		12.0	18.0	
277	2.6		20.6	30.8	

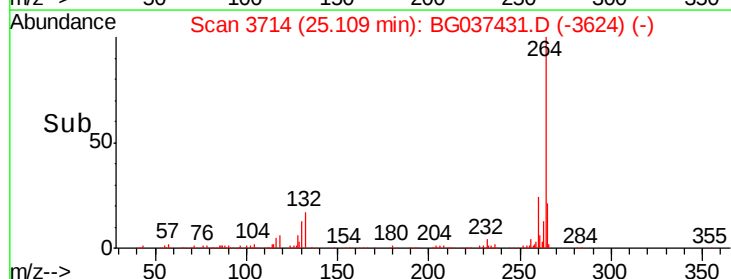
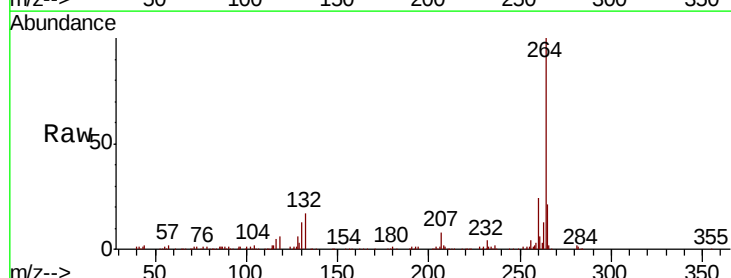
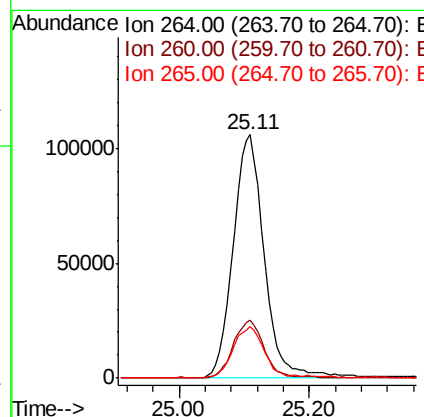
Manual Integrations
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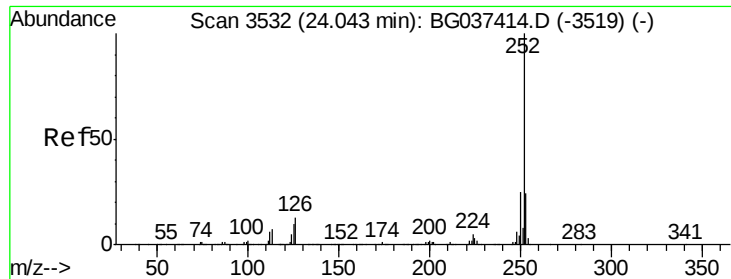
Sohil
 10/19/2018 3:57:50 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.7		18.2	27.4	
265	21.0		17.9	26.9	





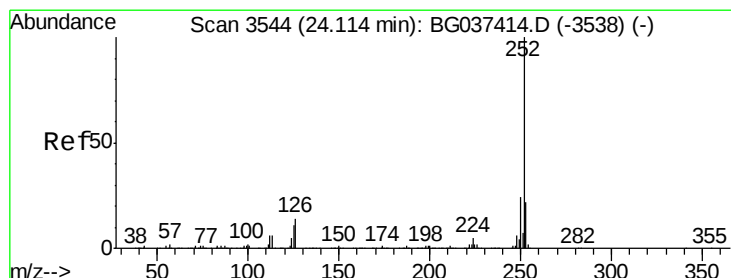
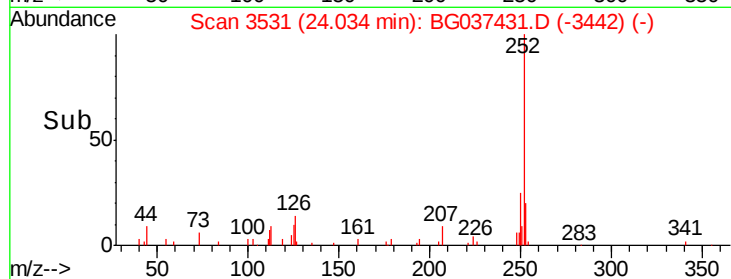
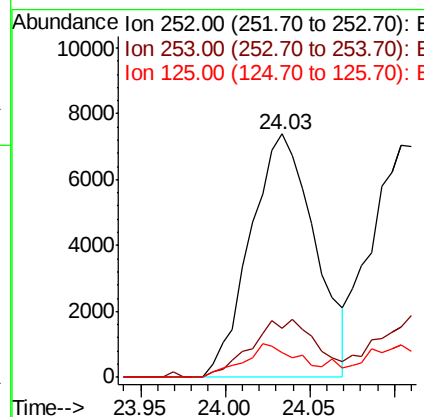
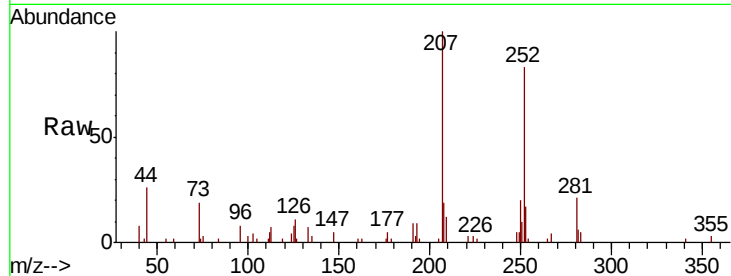
#88
Benzo(b)fluoranthene
Concen: 1.022 ng
RT: 24.03 min Scan# 3531
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.3	18.2	27.2
125	10.2	7.8	11.6

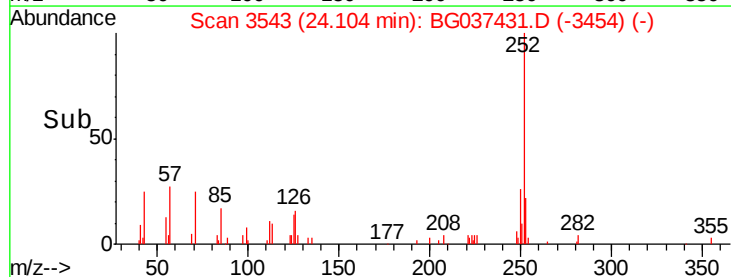
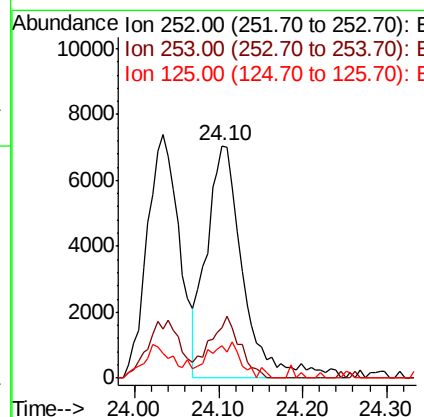
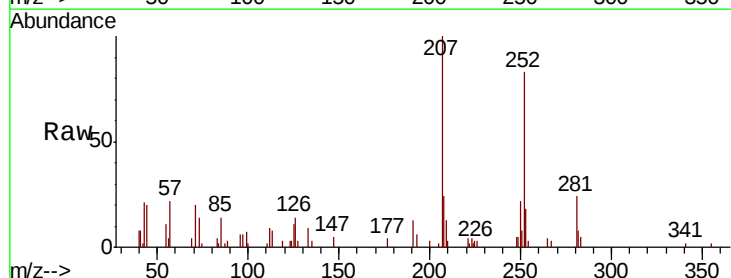
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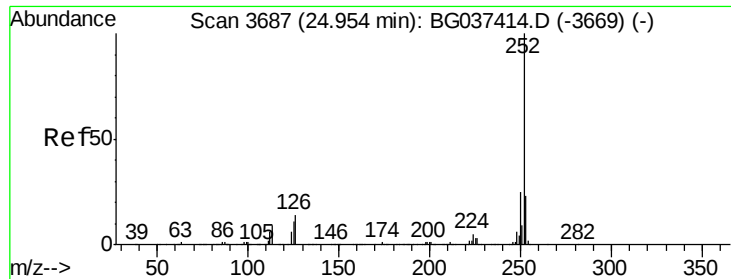
Sohil
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#89
Benzo(k)fluoranthene
Concen: 1.130 ng m
RT: 24.10 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	13.9	7.4	11.0#





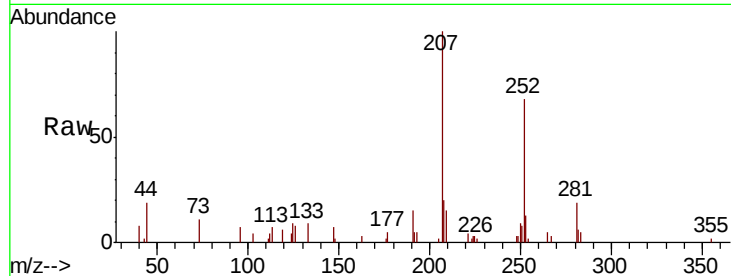
#90
Benzo(a)pyrene
Concen: 1.005 ng
RT: 24.94 min Scan# 3686
Delta R.T. -0.01 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	19.3	17.4	26.2
125	12.9	9.0	13.6

Manual Integrations
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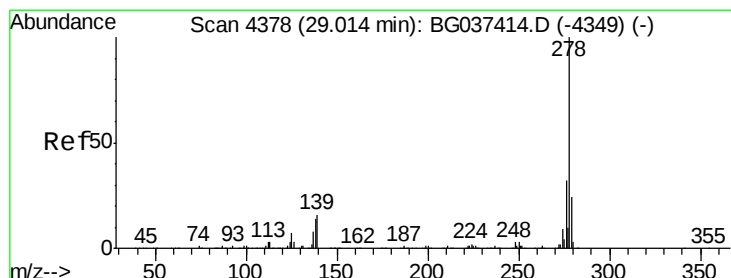
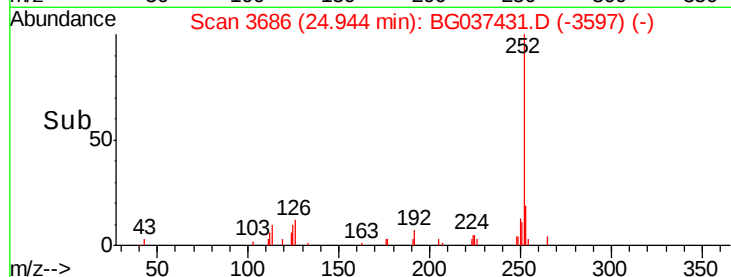
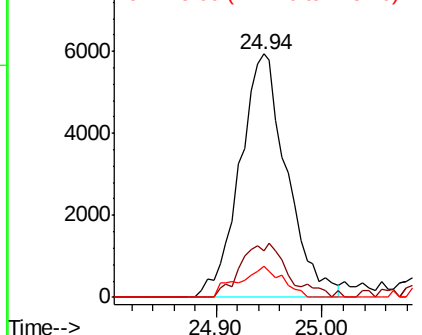


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Dibenzo(a,h)anthracene
Concen: 0.789 ng m
RT: 29.02 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG037431.D
Acq: 18 Oct 2018 22:31

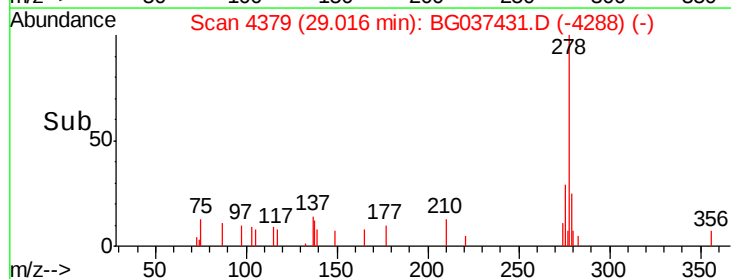
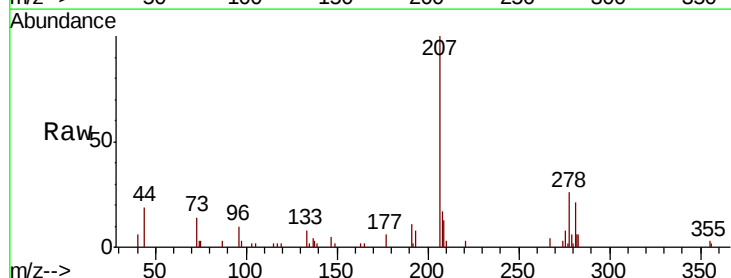
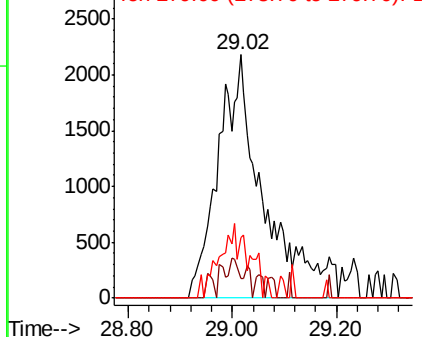
Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.1	11.5	17.3#
279	24.8	18.6	27.8

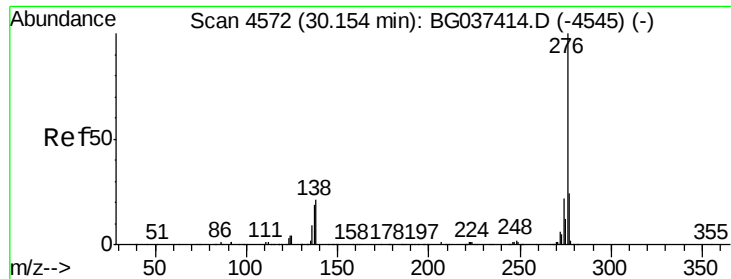
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 0.360 ng
 RT: 30.13 min Scan# 4569
 Delta R.T. -0.02 min
 Lab File: BG037431.D
 Acq: 18 Oct 2018 22:31

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	28.4	18.9	28.3#
138	20.9	17.2	25.8

Manual Integrations
 APPROVED

Sohil
 10/19/2018 3:57:50 PM

