

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
 Data File : BG040188.D
 Acq On : 28 Mar 2019 1:47
 Operator : JU/SJ
 Sample : K1560-07
 Misc : LOD 8PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Manual Integrations
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Sohil
 3/29/2019 4:48:19 PM

Quant Time: Mar 29 04:02:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	61557	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	244301	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	149579	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	350849	20.00	ng	0.00
76) Chrysene-d12	21.72	240	366987	20.00	ng	0.00
87) Perylene-d12	25.02	264	371431	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	385452	104.10	ng	0.00
7) Phenol-d6	7.22	99	531226	103.81	ng	0.00
23) Nitrobenzene-d5	9.25	82	379549	82.58	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	181104	112.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	847518	83.96	ng	0.00
79) Terphenyl-d14	20.04	244	1288989	79.02	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.53	88	12719	7.305	ng	# 95
3) Pyridine	3.93	79	37412	7.980	ng	92
4) n-Nitrosodimethylamine	3.86	42	16362	7.545	ng	# 86
6) Aniline	7.40	93	49958	7.514	ng	97
8) 2-Chlorophenol	7.63	128	32429	7.481	ng	98
9) Benzaldehyde	7.21	77	30197	8.602	ng	96
10) Phenol	7.25	94	41672	7.502	ng	96
11) bis(2-Chloroethyl)ether	7.49	93	35659	8.015	ng	97
12) 1,3-Dichlorobenzene	7.96	146	37038	7.860	ng	99
13) 1,4-Dichlorobenzene	8.11	146	37196	7.926	ng	96
14) 1,2-Dichlorobenzene	8.42	146	37009	8.246	ng	96
15) Benzyl Alcohol	8.31	79	29254	7.098	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	68796	8.057	ng	100
17) 2-Methylphenol	8.51	107	28800	7.493	ng	89
18) Hexachloroethane	9.15	117	14709	8.240	ng	# 79
19) n-Nitroso-di-n-propylamine	8.87	70	27696	7.548	ng	93
20) 3+4-Methylphenols	8.83	107	38110	7.319	ng	97
22) Acetophenone	8.90	105	53652	8.804	ng	# 95
24) Nitrobenzene	9.29	77	40575	8.525	ng	96
25) Isophorone	9.80	82	80818	8.546	ng	99
26) 2-Nitrophenol	10.00	139	17586	7.798	ng	95
27) 2,4-Dimethylphenol	10.04	122	27639	7.716	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	47961	8.572	ng	97
29) 2,4-Dichlorophenol	10.53	162	30989	7.970	ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	37388	8.757	ng	97
31) Naphthalene	10.94	128	113194	9.039	ng	99
32) Benzoic acid	10.14	122	10891m	5.032	ng	
33) 4-Chloroaniline	11.05	127	44157	8.267	ng	97
34) Hexachlorobutadiene	11.20	225	24079	8.818	ng	# 82
35) Caprolactam	11.81	113	11288	7.315	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	35000	7.830	ng	98
37) 2-Methylnaphthalene	12.54	142	80202	8.660	ng	99
38) 1-Methylnaphthalene	12.75	142	79029	8.800	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	42377	8.914	ng	99

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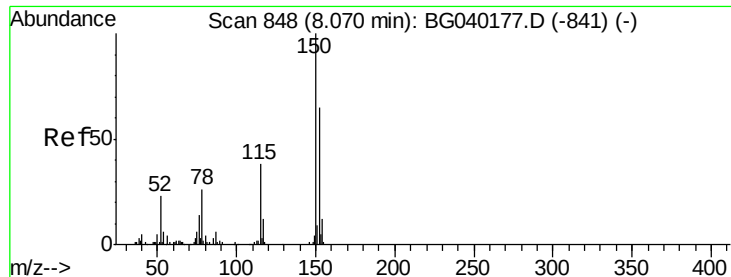
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	18221	6.980	nq	96
43) 2,4,6-Trichlorophenol	13.13	196	23622	7.707	nq	96
44) 2,4,5-Trichlorophenol	13.21	196	26812	8.025	nq	95
46) 1,1'-Biphenyl	13.53	154	105835	8.955	nq	99
47) 2-Chloronaphthalene	13.58	162	79006	8.715	nq	100
48) 2-Nitroaniline	13.79	65	23492	7.682	nq	96
49) Acenaphthylene	14.43	152	138533	9.013	nq	100
50) Dimethylphthalate	14.15	163	103945	8.879	nq	98
51) 2,6-Dinitrotoluene	14.28	165	21320	8.111	nq	98
52) Acenaphthene	14.76	154	77924	8.847	nq	96
53) 3-Nitroaniline	14.62	138	22131	7.954	nq	98
54) 2,4-Dinitrophenol	14.82	184	7565	5.412	nq	89
55) Dibenzofuran	15.10	168	129157	9.126	nq	96
56) 4-Nitrophenol	14.91	139	15704	6.993	nq	93
57) 2,4-Dinitrotoluene	15.06	165	28806	7.887	nq	88
58) Fluorene	15.74	166	102058	9.172	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	23633	7.795	nq	99
60) Diethylphthalate	15.50	149	104563	8.729	nq	97
61) 4-Chlorophenyl-phenylether	15.73	204	51543	8.666	nq	91
62) 4-Nitroaniline	15.77	138	24434	8.183	nq	93
63) Azobenzene	16.03	77	101549	8.987	nq	95
65) 4,6-Dinitro-2-methylphenol	15.82	198	12697	6.441	nq	92
66) n-Nitrosodiphenylamine	15.95	169	89231	8.691	nq	93
67) 4-Bromophenyl-phenylether	16.63	248	34625	8.770	nq	95
68) Hexachlorobenzene	16.74	284	34855	8.780	nq	93
69) Atrazine	16.88	200	32222	8.437	nq	97
70) Pentachlorophenol	17.09	266	14429	6.287	nq	94
71) Phenanthrene	17.49	178	167962	9.108	nq	98
72) Anthracene	17.58	178	164804	8.928	nq	99
73) Carbazole	17.85	167	157095	8.993	nq	99
74) Di-n-butylphthalate	18.38	149	179278	8.658	nq	99
75) Fluoranthene	19.49	202	205583	9.415	nq	98
77) Benzidine	19.67	184	86675	6.540	nq	99
78) Pyrene	19.86	202	212820	8.818	nq	97
80) Butylbenzylphthalate	20.73	149	80534	7.798	nq	92
81) Benzo(a)anthracene	21.70	228	199196	8.812	nq	99
82) 3,3'-Dichlorobenzidine	21.62	252	66164	7.695	nq	98
83) Chrysene	21.77	228	190975	8.791	nq	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	113508	7.689	nq	100
85) Di-n-octyl phthalate	22.80	149	194522	7.734	nq	98
86) Indeno(1,2,3-cd)pyrene	28.80	276	212530	7.999	nq	# 86
88) Benzo(b)fluoranthene	23.96	252	202505	8.905	nq	97
89) Benzo(k)fluoranthene	24.03	252	188725	9.025	nq	97
90) Benzo(a)pyrene	24.86	252	187204	8.774	nq	98
91) Dibenzo(a,h)anthracene	28.86	278	171192	8.639	nq	99
92) Benzo(g,h,i)perylene	29.98	276	172784	8.484	nq	97

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



#1

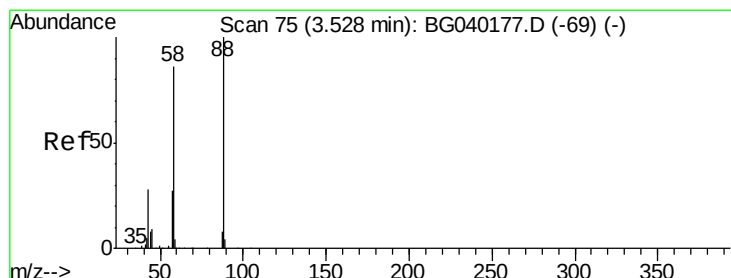
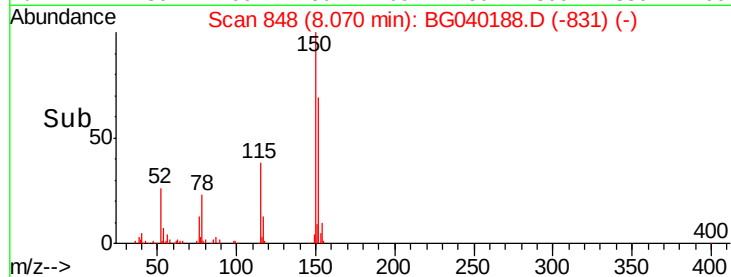
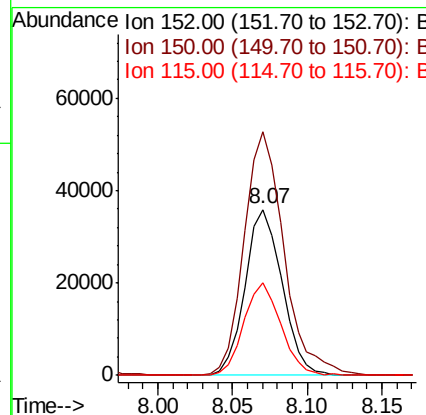
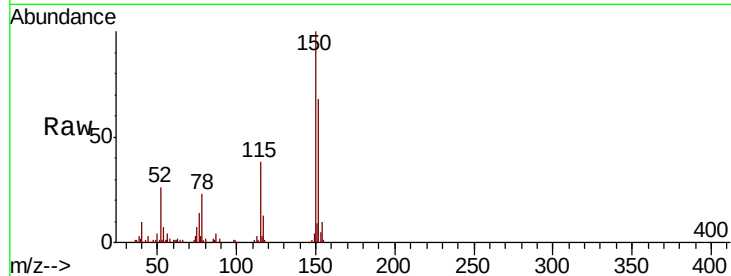
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	123.7	185.5
115	55.6	46.9	70.3

Manual Integrations
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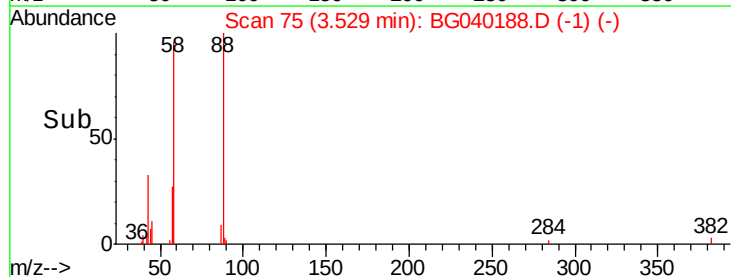
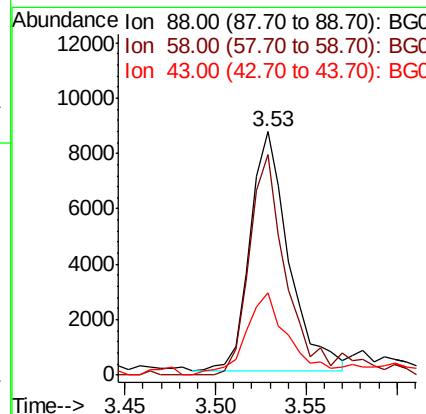
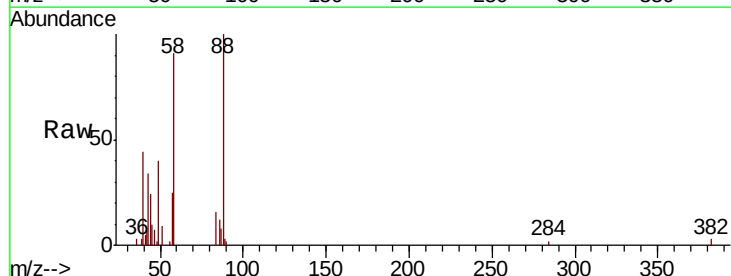
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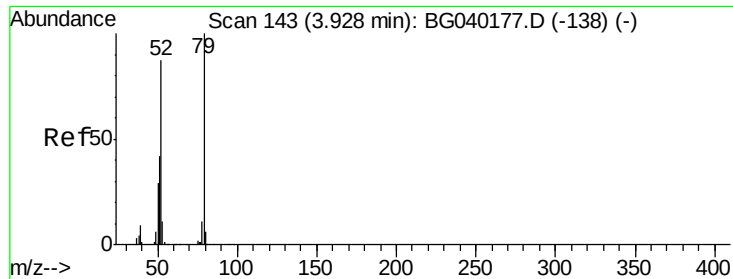


#2

1,4-Dioxane
Concen: 7.305 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.3	70.6	106.0
43	38.1	24.8	37.2





#3

Pvridine

Concen: 7.980 ng

RT: 3.93 min Scan# 144

Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

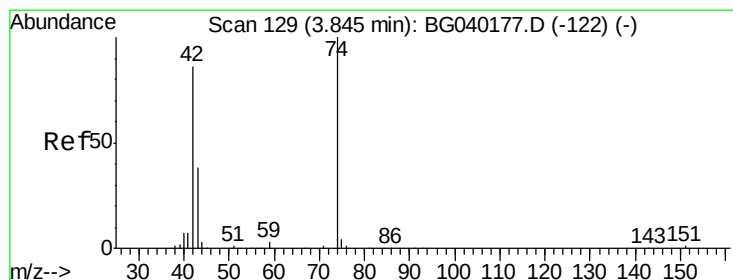
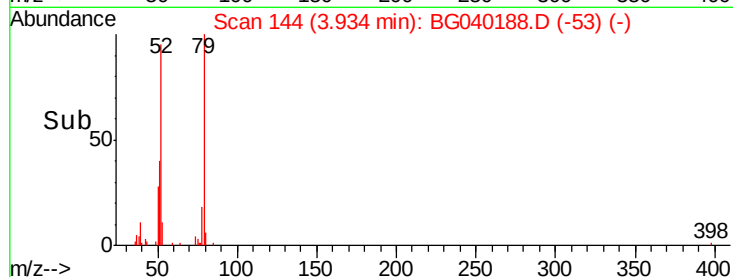
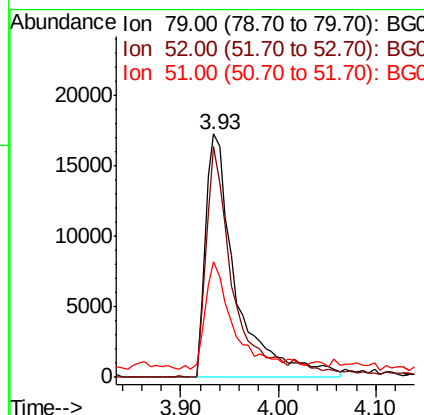
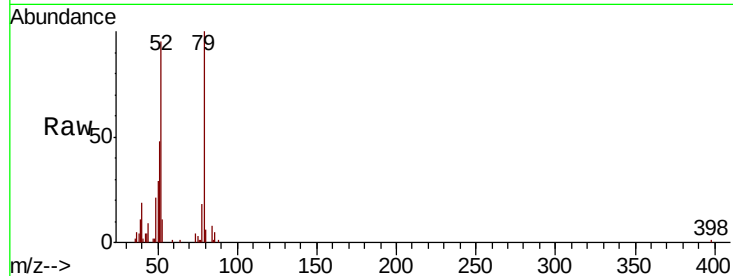
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	79	Resp:	37412
Ion	Ratio	Lower	Upper
79	100		
52	94.9	69.8	104.8
51	47.7	33.9	50.9

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#4

n-Nitrosodimethylamine

Concen: 7.545 ng

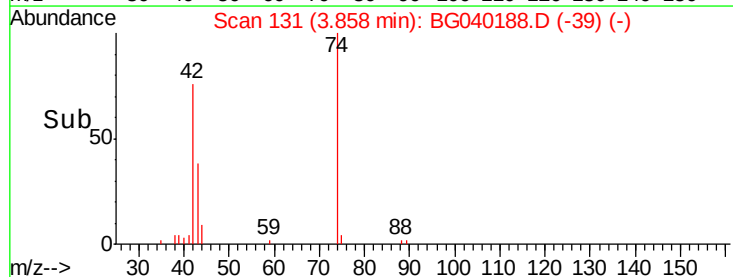
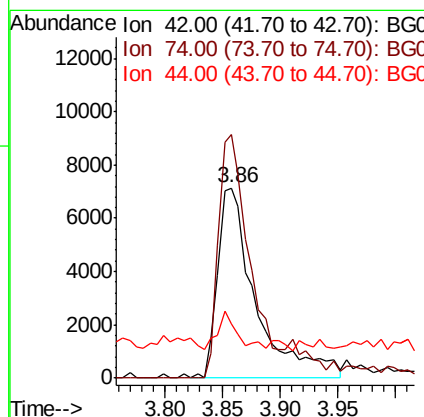
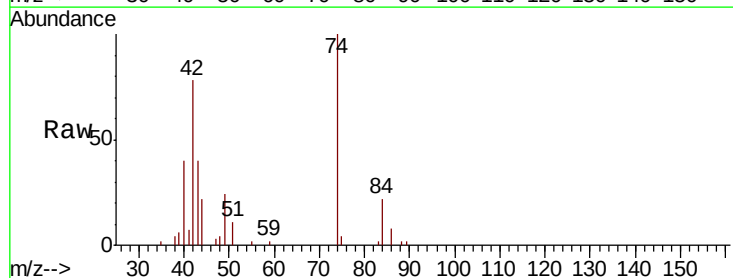
RT: 3.86 min Scan# 131

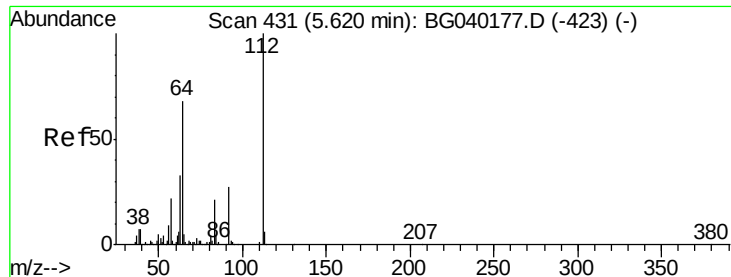
Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	42	Resp:	16362
Ion	Ratio	Lower	Upper
42	100		
74	127.8	92.9	139.3
44	28.3	9.7	14.5#





#5

2-Fluorophenol

Concen: 104.095 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

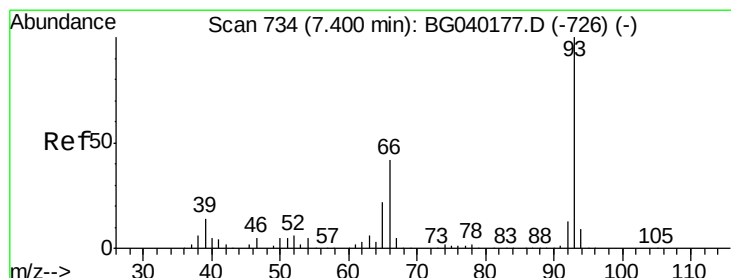
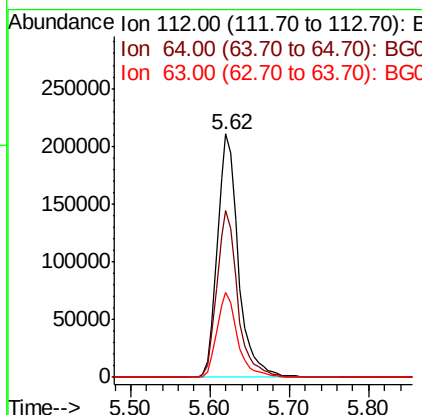
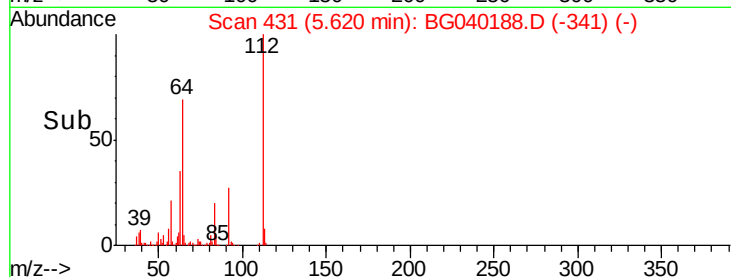
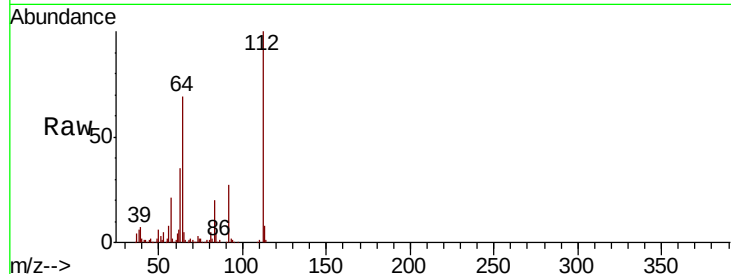
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	112	Resp:	385452
Ion Ratio	Lower	Upper	
112	100		
64	68.6	54.2	81.2
63	34.9	26.4	39.6

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#6

Aniline

Concen: 7.514 ng

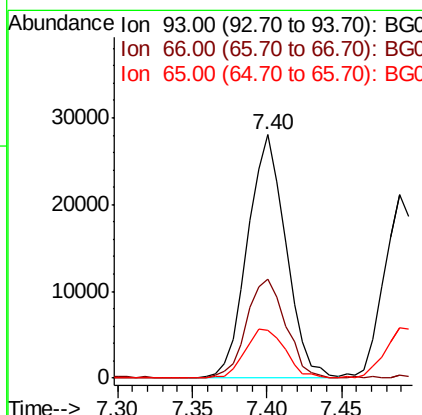
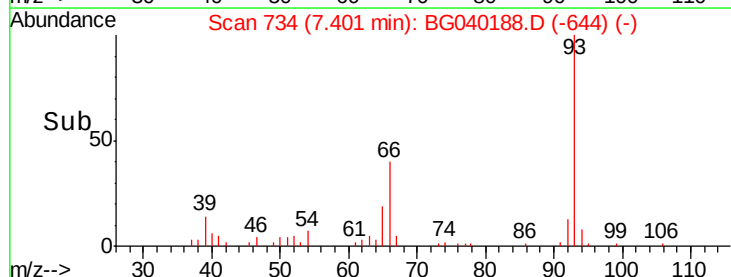
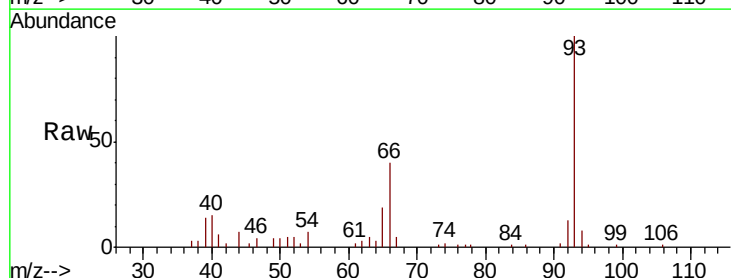
RT: 7.40 min Scan# 734

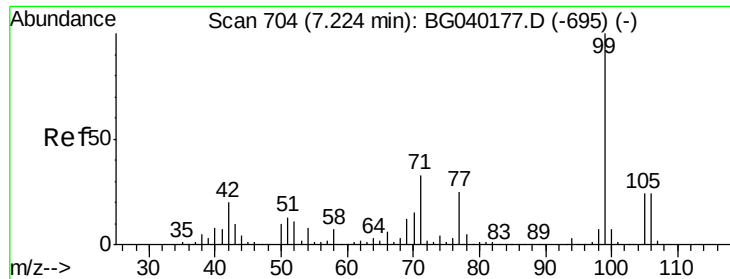
Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	93	Resp:	49958
Ion Ratio	Lower	Upper	
93	100		
66	40.4	33.6	50.4
65	19.4	17.4	26.2





#7

Phenol-d6

Concen: 103.807 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

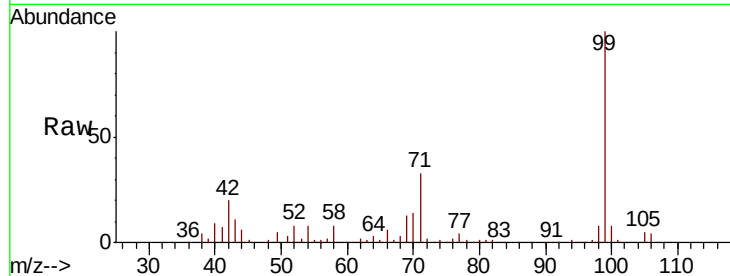
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

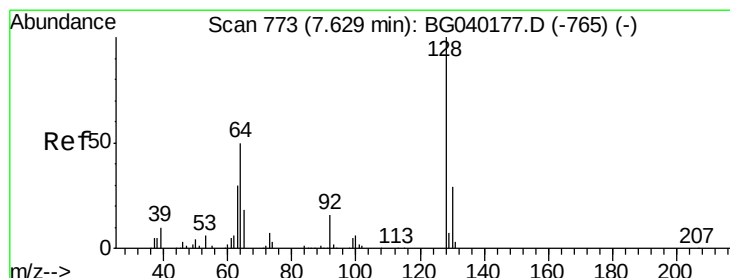
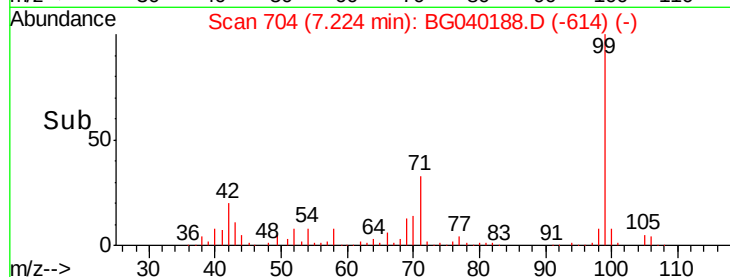
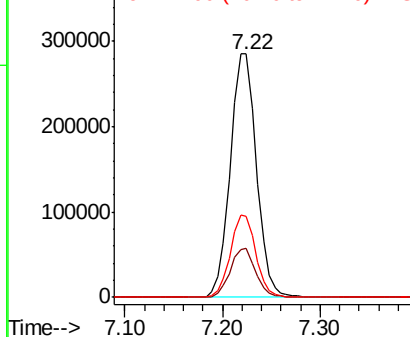
Tot Ion:	99	Resp:	531226
Ion Ratio	Lower	Upper	
99	100		
42	20.2	16.2	24.2
71	33.1	26.8	40.2

Manual Integrations
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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: 7.481 ng

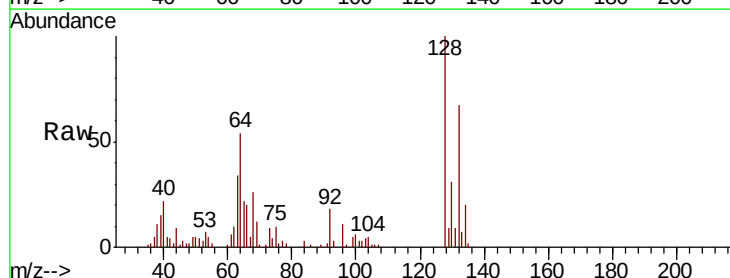
RT: 7.63 min Scan# 773

Delta R.T. 0.00 min

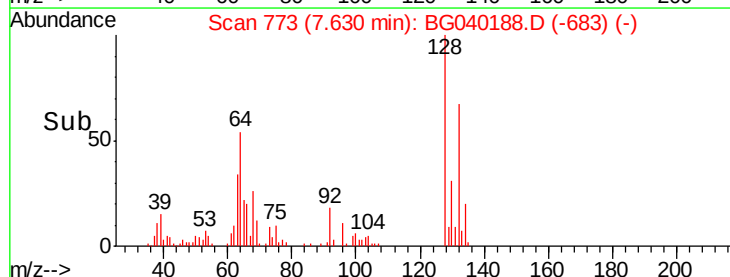
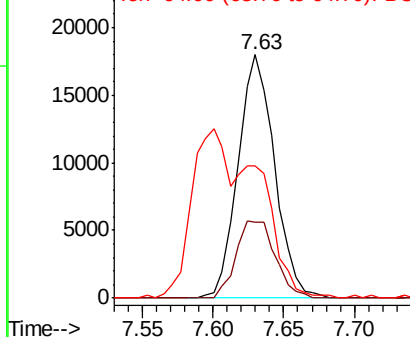
Lab File: BG040188.D

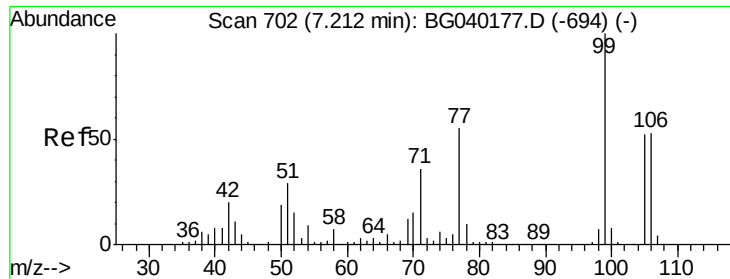
Acq: 28 Mar 2019 1:47

Tgt Ion:	128	Resp:	32429
Ion Ratio	Lower	Upper	
128	100		
130	30.9	9.1	49.1
64	54.2	33.1	73.1



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





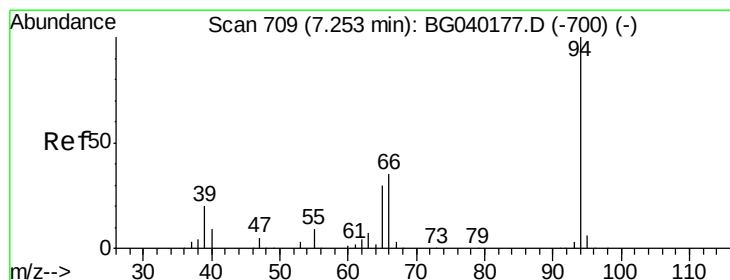
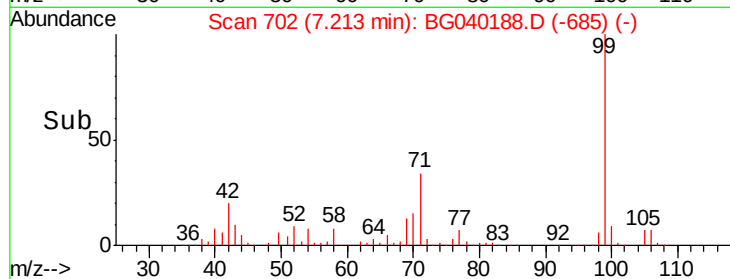
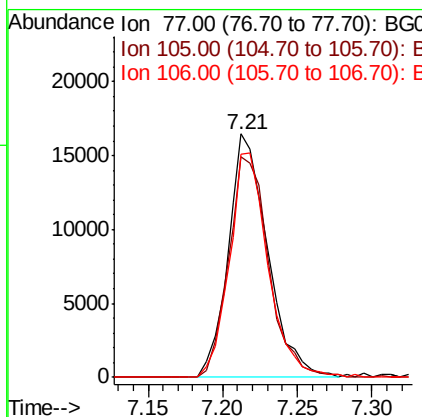
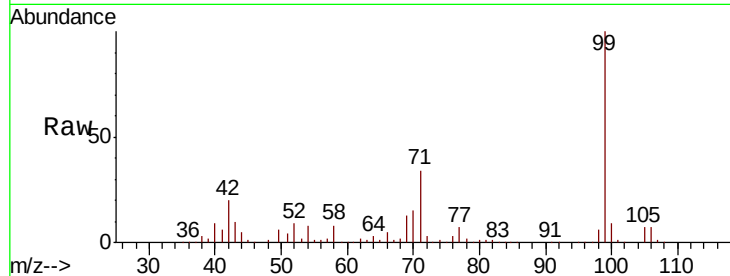
#9
Benzaldehyde
Concen: 8.602 ng
RT: 7.21 min Scan# 702
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
77	100		
105	90.5	75.0	115.0
106	91.8	75.7	115.7

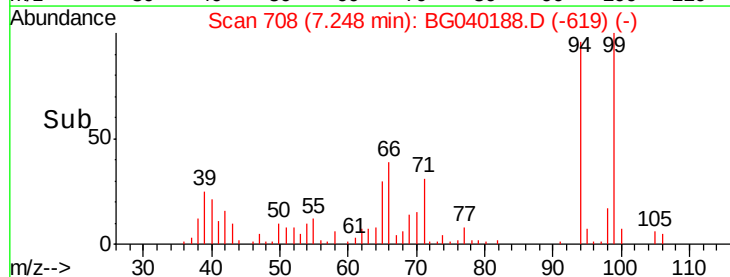
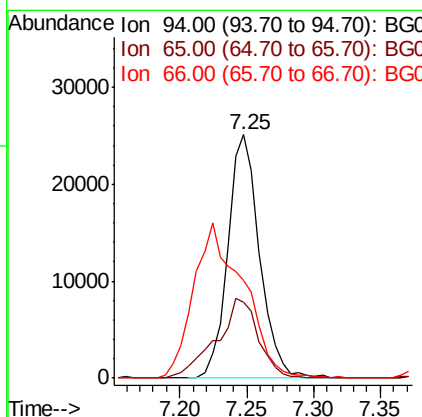
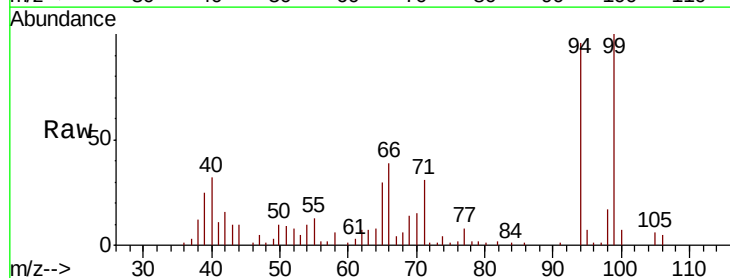
Manual Integrations
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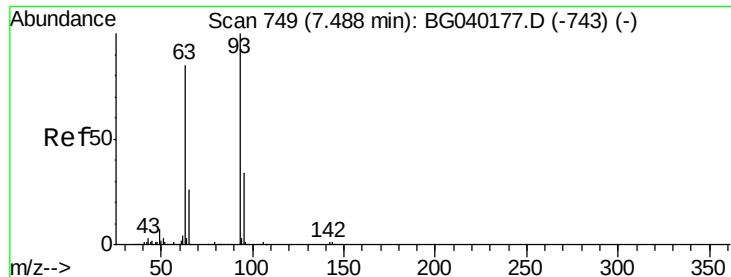
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3/29/2019 4:48:19 PM



#10
Phenol
Concen: 7.502 ng
RT: 7.25 min Scan# 708
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.3	10.5	50.5
66	40.4	16.9	56.9





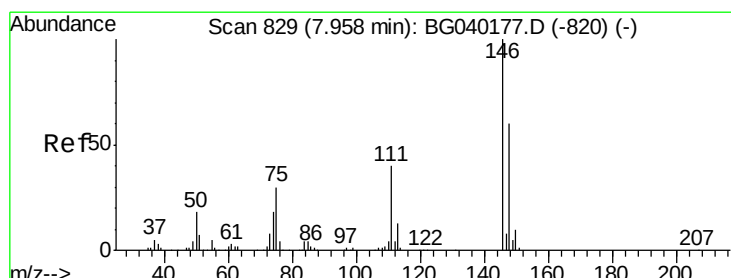
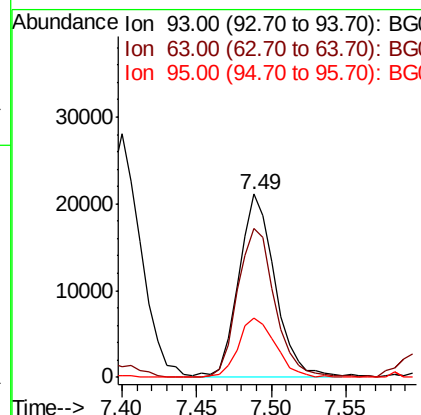
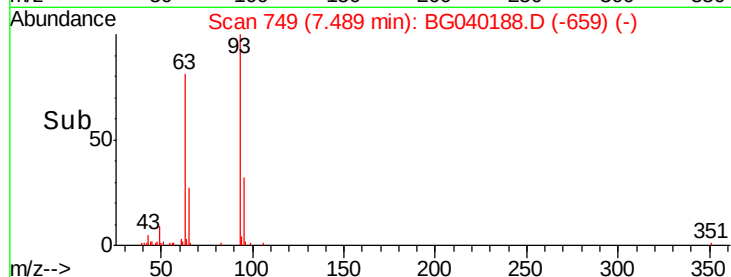
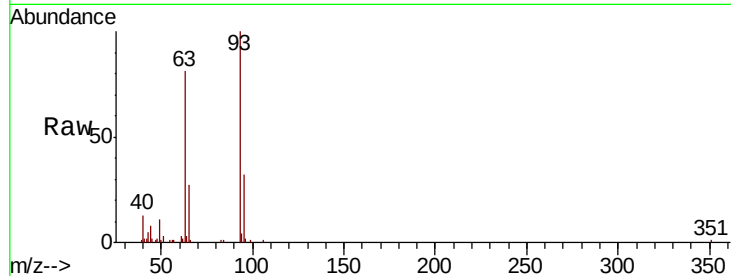
#11
bis(2-Chloroethyl)ether
Concen: 8.015 ng
RT: 7.49 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:	93	Resp:	35659
Ion	Ratio	Lower	Upper
93	100		
63	81.2	64.2	104.2
95	32.3	14.0	54.0

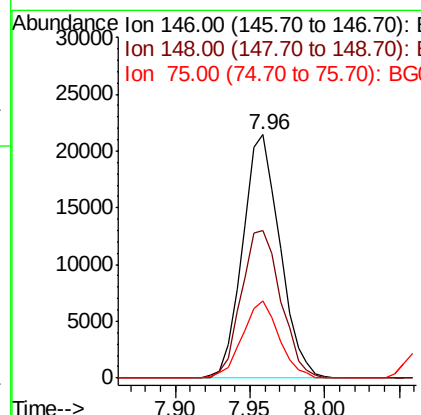
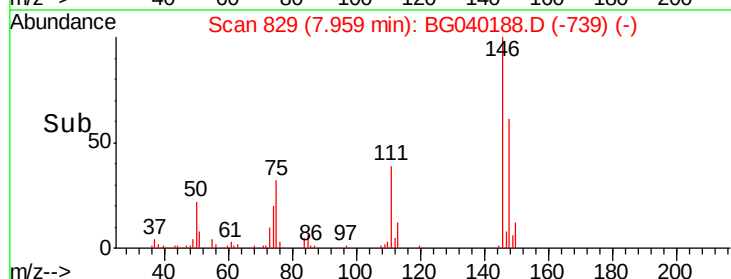
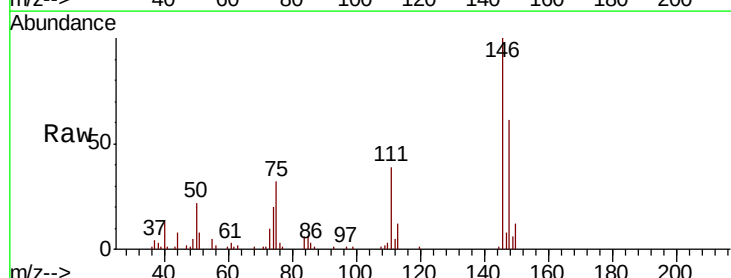
Manual Integrations
APPROVED

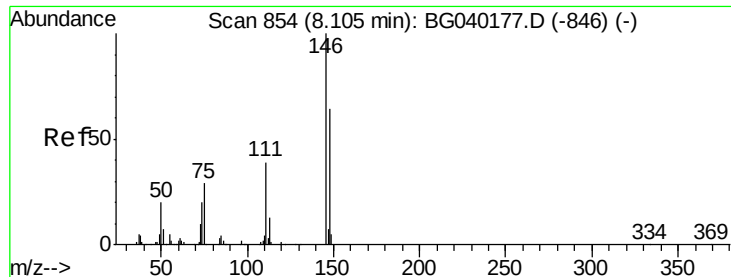
Sohil
3/29/2019 4:48:19 PM



#12
1,3-Dichlorobenzene
Concen: 7.860 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:	146	Resp:	37038
Ion	Ratio	Lower	Upper
146	100		
148	60.5	48.2	72.2
75	31.9	24.1	36.1





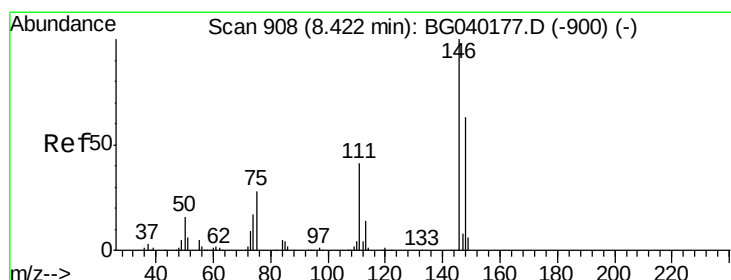
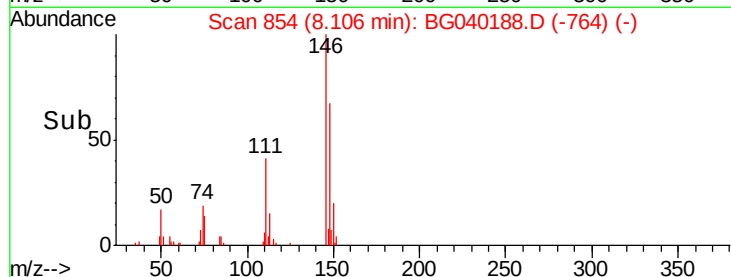
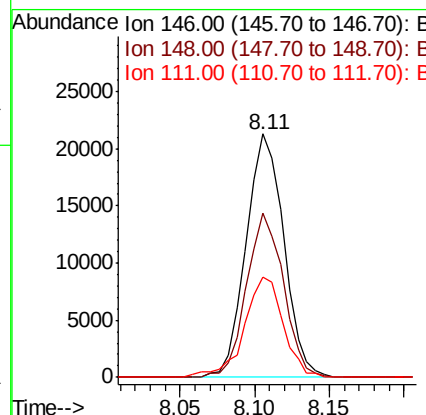
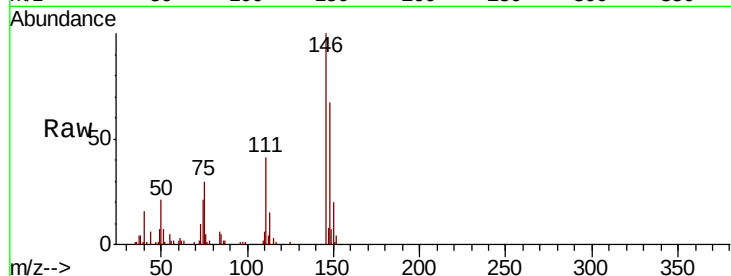
#13
1,4-Dichlorobenzene
Concen: 7.926 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
146	100		
148	67.3	51.0	76.4
111	41.4	31.8	47.6

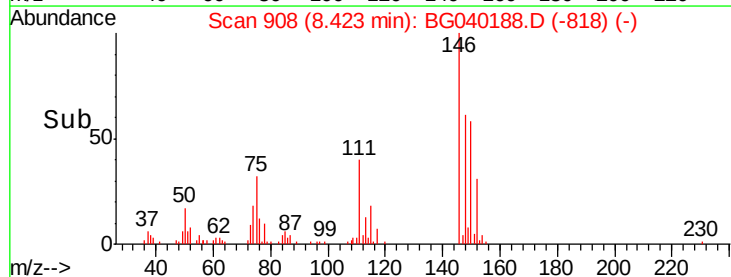
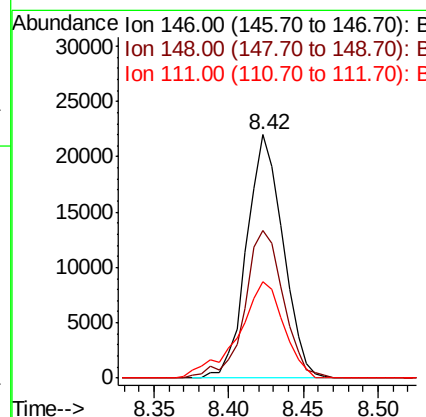
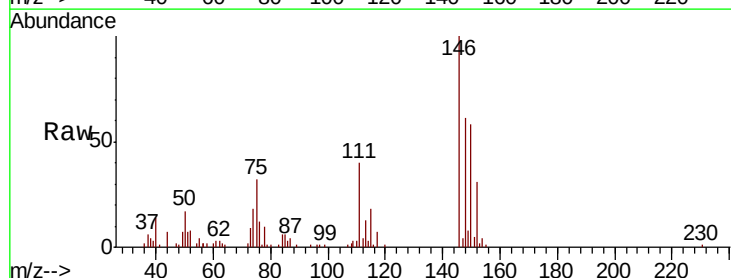
Manual Integrations
APPROVED

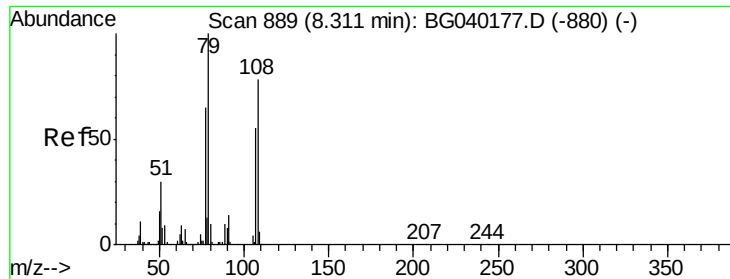
Sohil
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#14
1,2-Dichlorobenzene
Concen: 8.246 ng
RT: 8.42 min Scan# 908
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.6	50.8	76.2
111	39.6	33.4	50.0





#15

Benzyl Alcohol

Concen: 7.098 ng

RT: 8.31 min Scan# 889

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

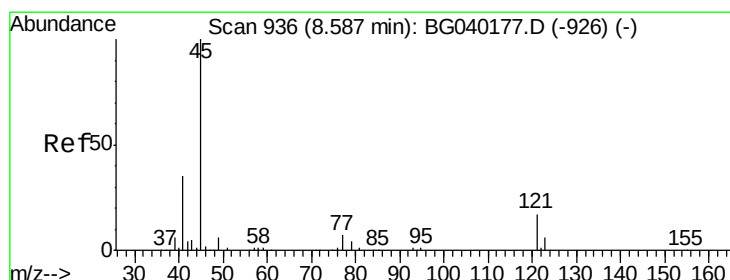
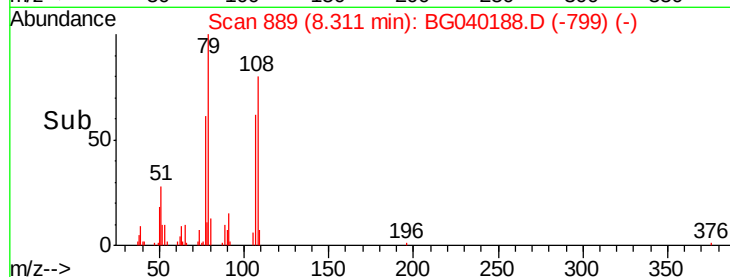
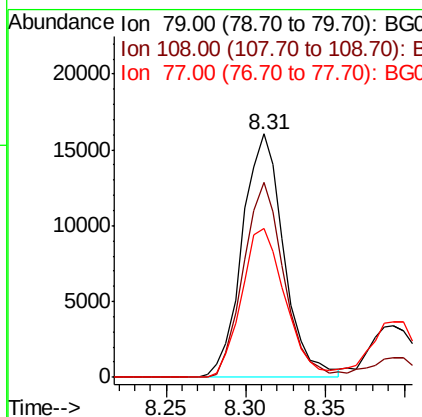
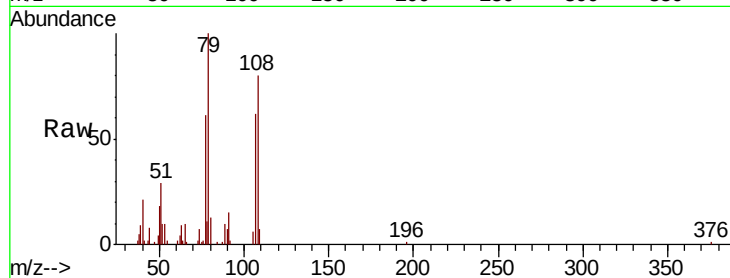
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	79	Resp:	29254
Ion Ratio	Lower	Upper	
79	100		
108	79.8	62.1	93.1
77	61.4	51.9	77.9

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 8.057 ng

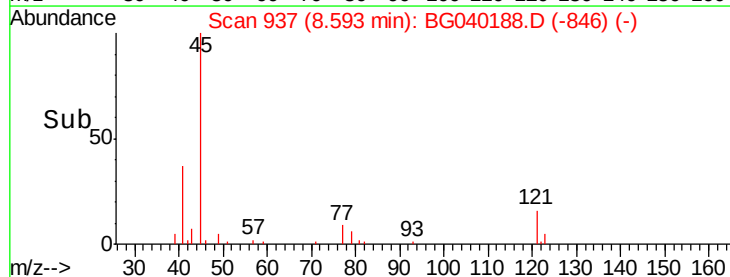
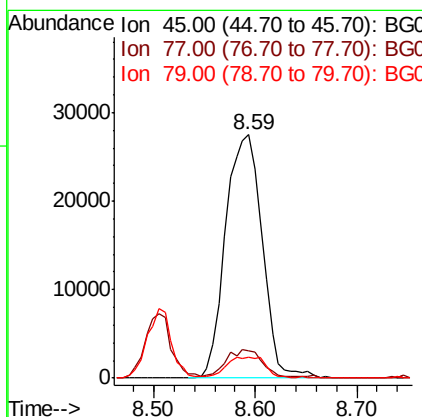
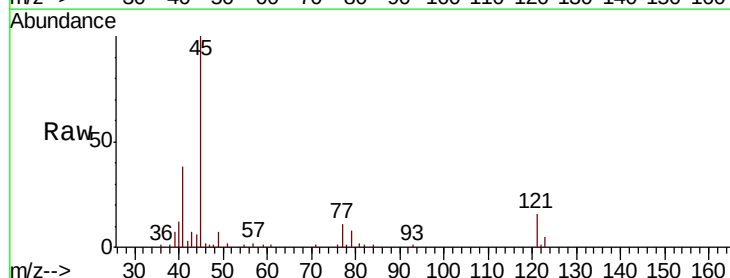
RT: 8.59 min Scan# 937

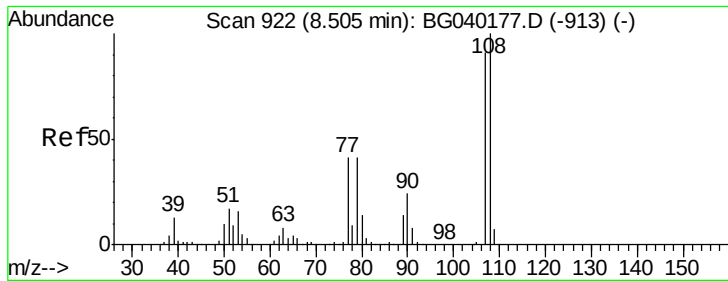
Delta R.T. 0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	45	Resp:	68796
Ion Ratio	Lower	Upper	
45	100		
77	11.3	0.0	31.4
79	8.5	0.0	28.3





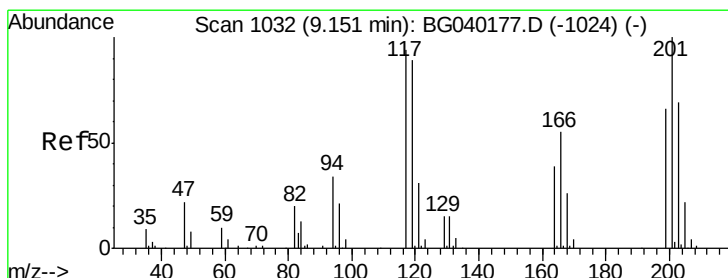
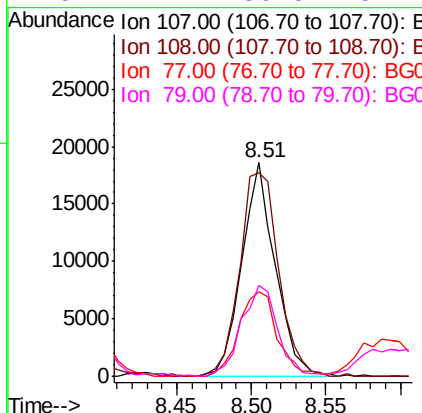
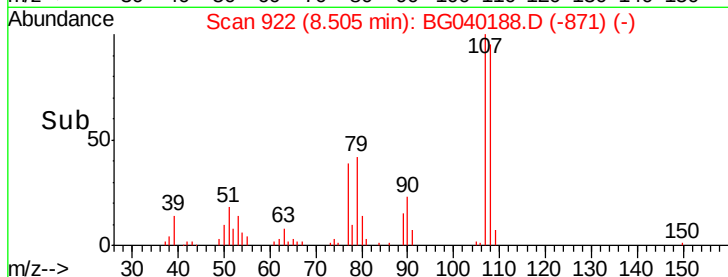
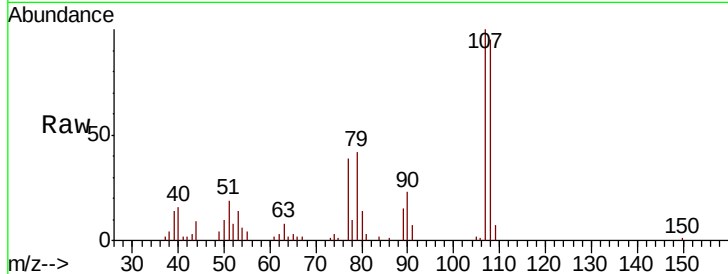
#17
2-Methylphenol
Concen: 7.493 ng
RT: 8.51 min Scan# 922
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion:	107	Resp:	28800
Ion Ratio	Lower	Upper	
107	100		
108	95.4	88.2	132.4
77	39.3	36.6	55.0
79	42.4	36.5	54.7

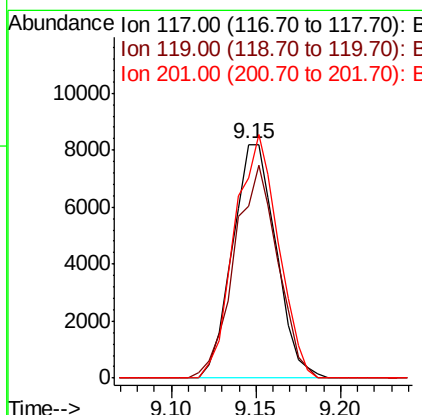
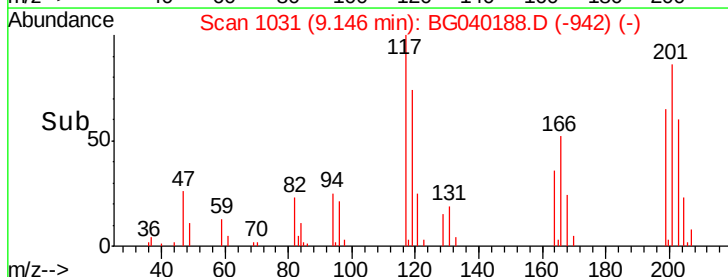
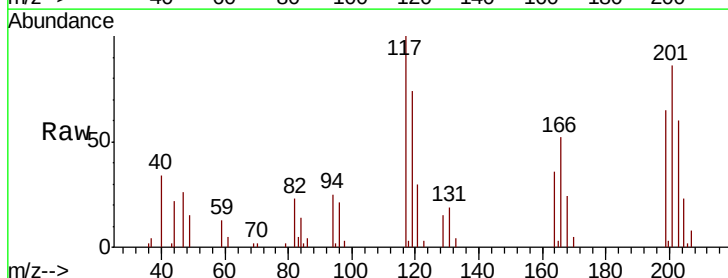
Manual Integrations
APPROVED

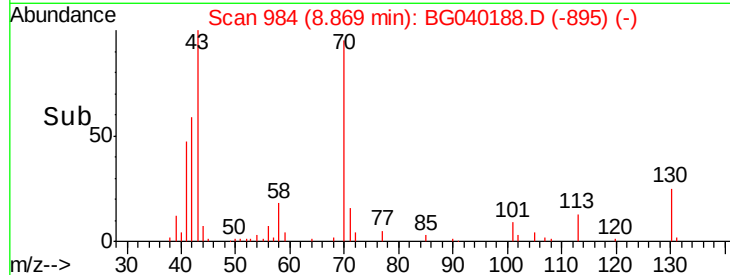
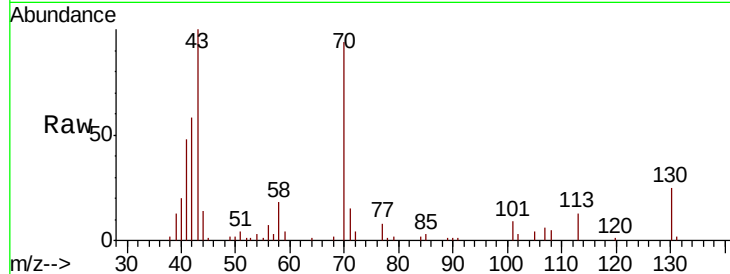
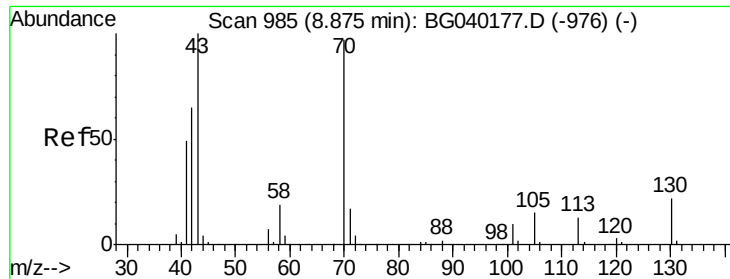
Sohil
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#18
Hexachloroethane
Concen: 8.240 ng
RT: 9.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion:	117	Resp:	14709
Ion Ratio	Lower	Upper	
117	100		
119	73.5	76.6	115.0#
201	85.8	85.0	127.4





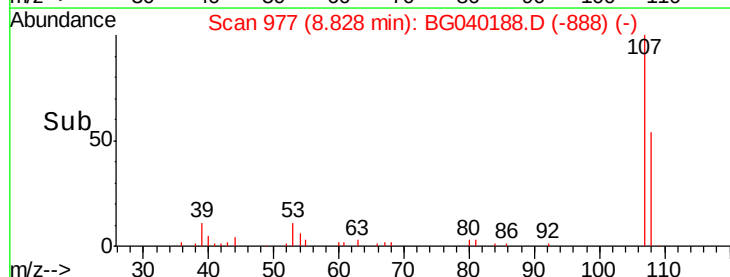
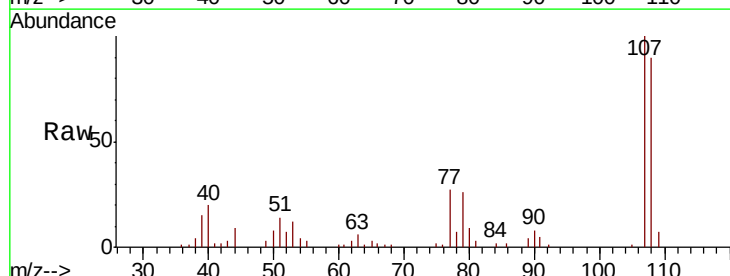
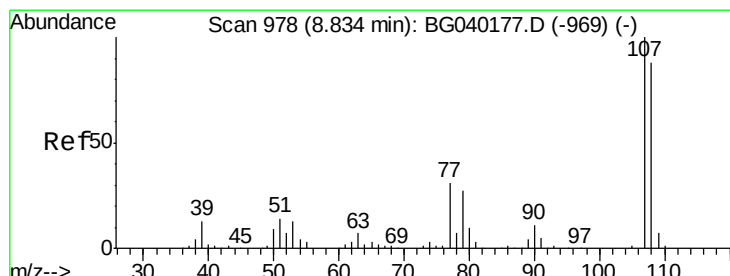
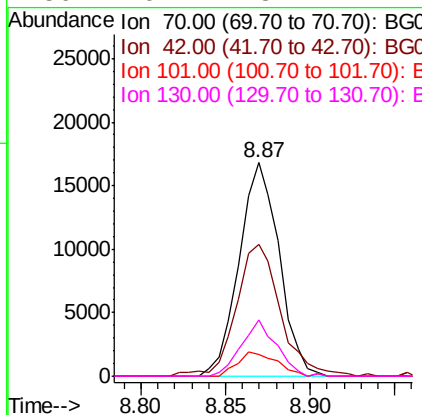
#19
n-Nitroso-di-n-propylamine
Concen: 7.548 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	61.6	54.0	81.0	
101	9.9	8.6	13.0	
130	26.1	18.2	27.2	

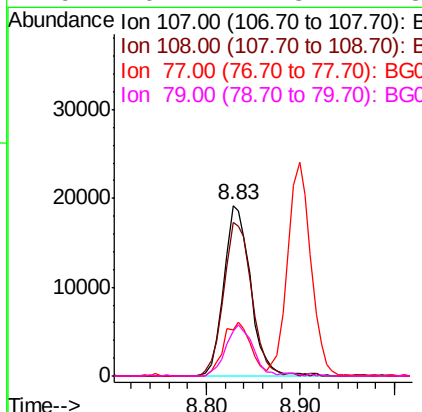
Manual Integrations
APPROVED

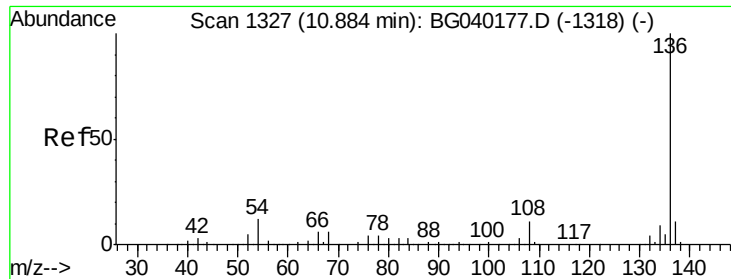
Sohil
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#20
3+4-Methylphenols
Concen: 7.319 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.1	68.3	108.3	
77	27.0	11.3	51.3	
79	26.1	7.3	47.3	





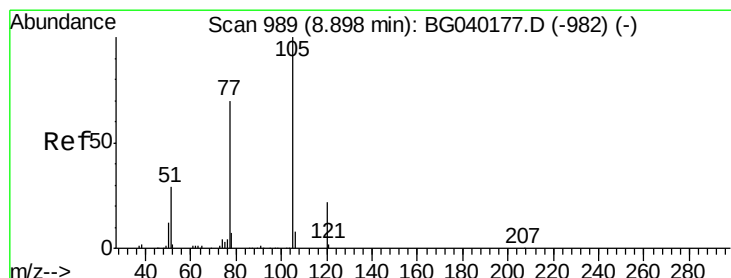
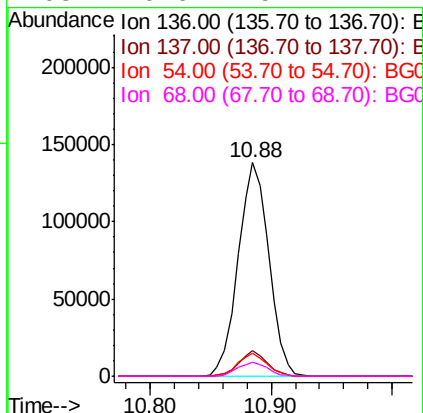
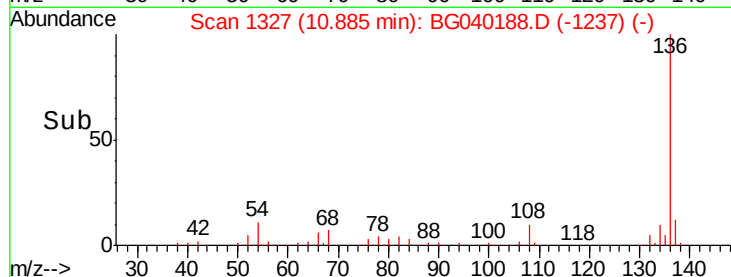
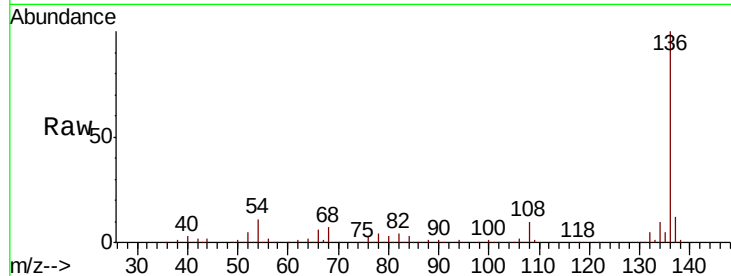
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244301		
137	12.0		8.9	13.3
54	10.7		9.6	14.4
68	6.6		5.1	7.7

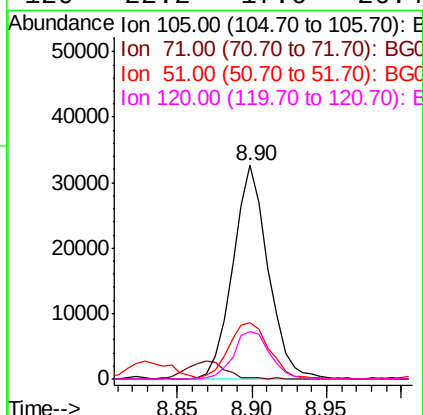
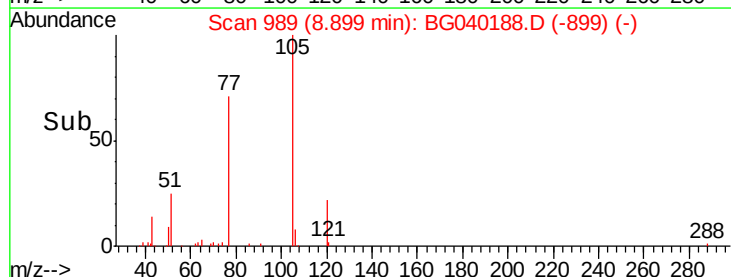
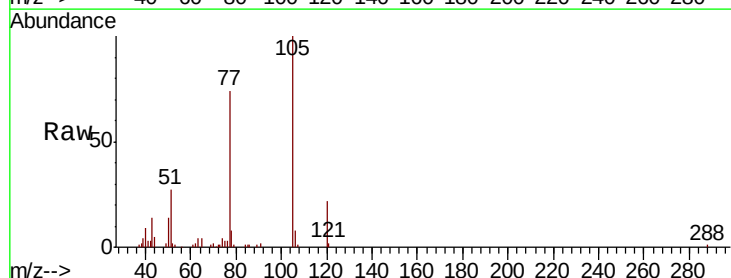
Manual Integrations
APPROVED

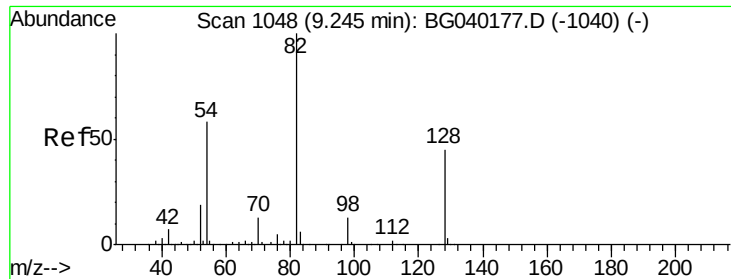
Sohil
3/29/2019 4:48:19 PM



#22
Acetophenone
Concen: 8.804 ng
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	53652		
71	0.5		0.6	1.0#
51	26.6		25.1	37.7
120	22.2		17.6	26.4





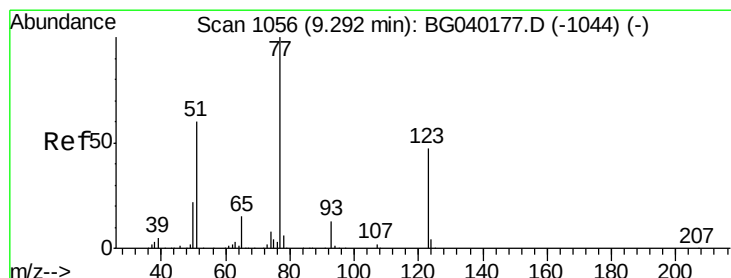
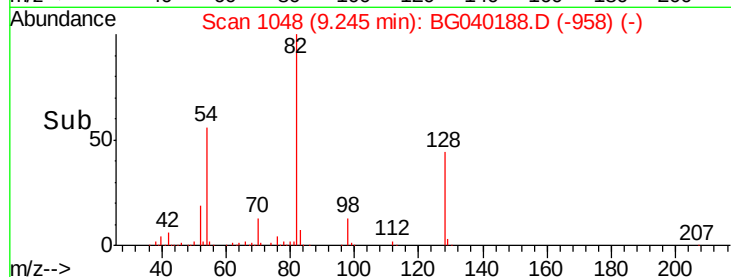
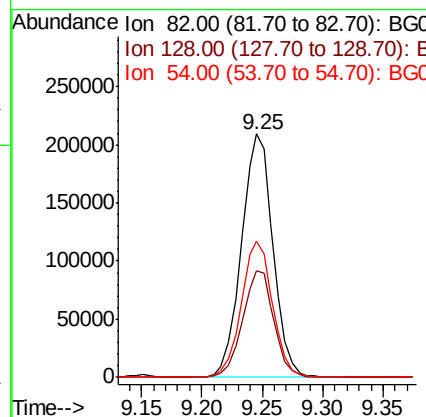
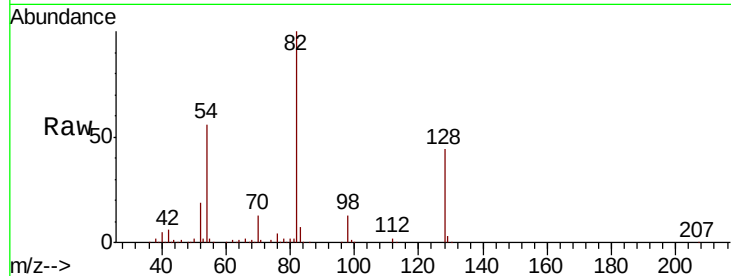
#23
Nitrobenzene-d5
Concen: 82.580 ng
RT: 9.25 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	56.1	46.2	69.2

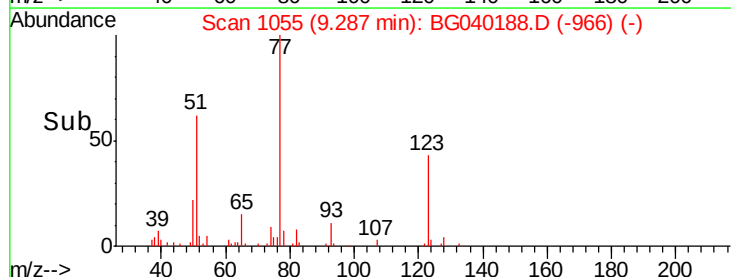
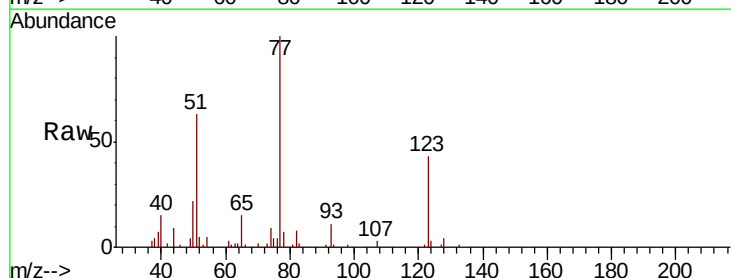
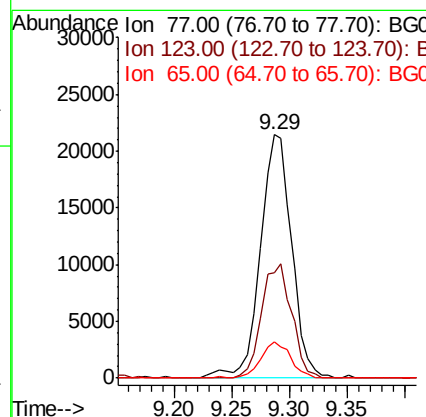
Manual Integrations
APPROVED

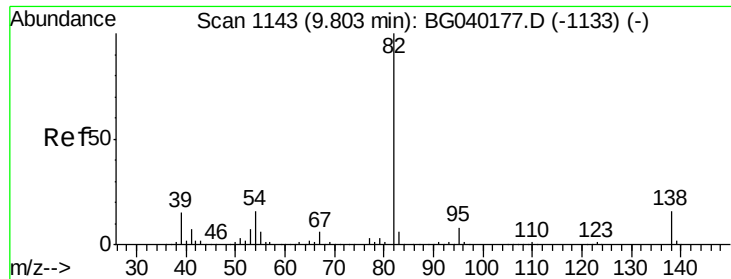
Sohil
3/29/2019 4:48:19 PM



#24
Nitrobenzene
Concen: 8.525 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	37.8	56.6
65	14.6	12.0	18.0





#25

Isophorone

Concen: 8.546 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

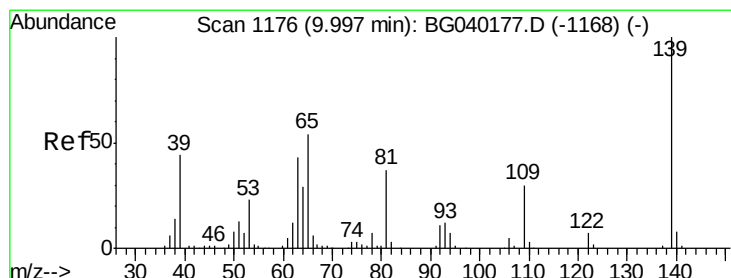
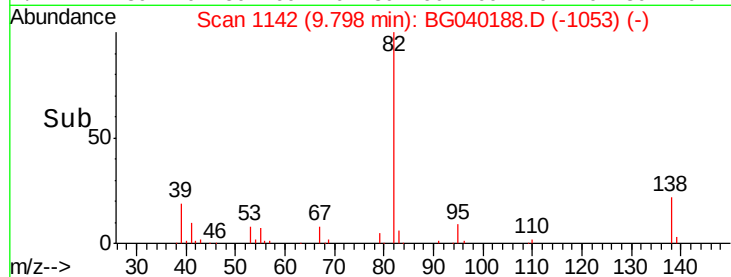
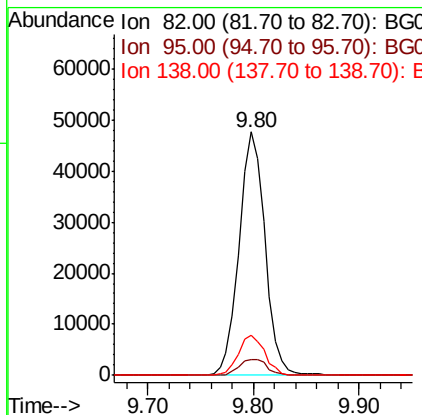
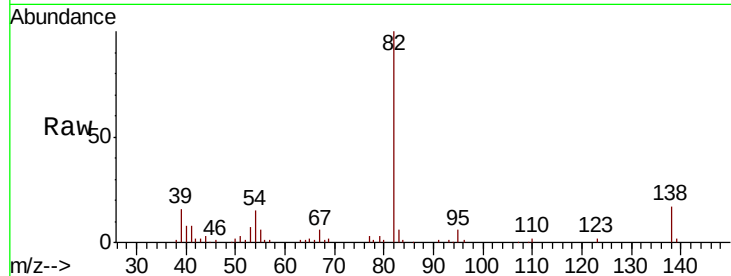
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	82	Resp:	80818
Ion Ratio	Lower	Upper	
82	100		
95	6.5	6.1	9.1
138	16.5	13.2	19.8

Manual Integrations
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3/29/2019 4:48:19 PM



#26

2-Nitrophenol

Concen: 7.798 ng

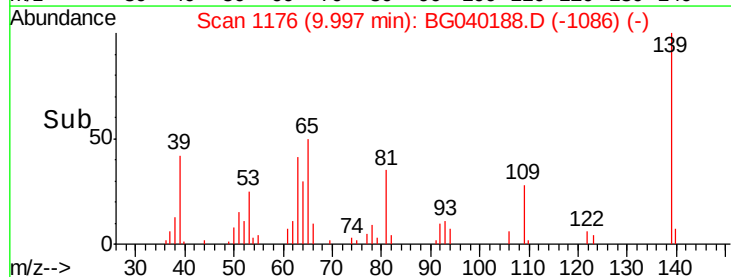
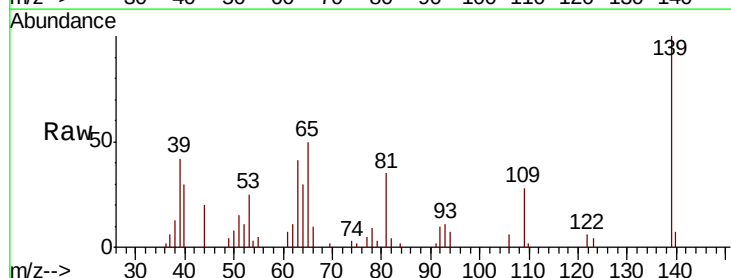
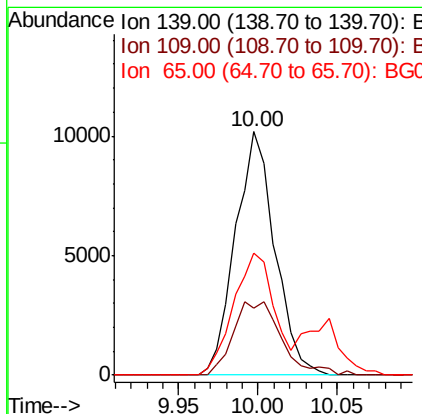
RT: 10.00 min Scan# 1176

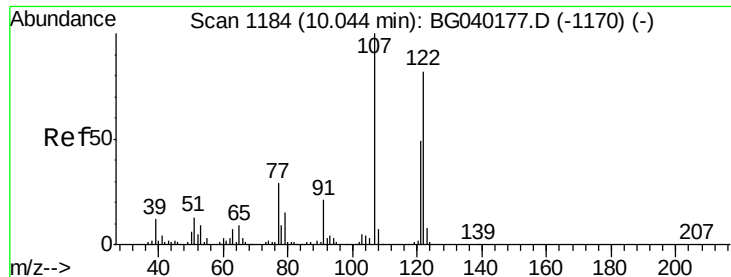
Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	139	Resp:	17586
Ion Ratio	Lower	Upper	
139	100		
109	27.5	24.1	36.1
65	50.1	43.0	64.6





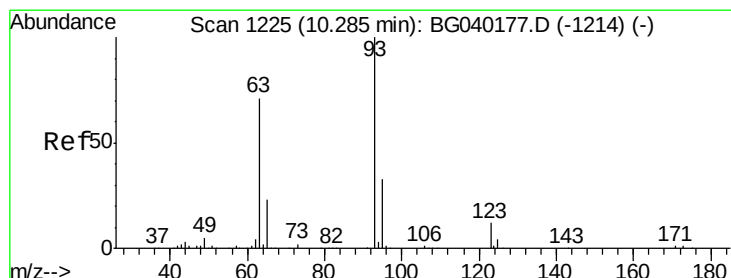
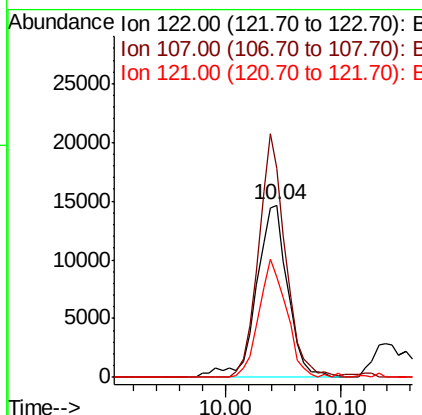
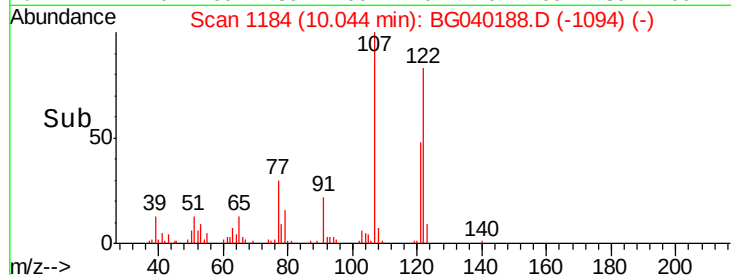
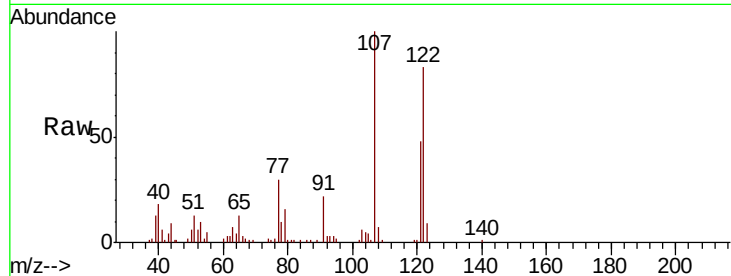
#27
 2,4-Dimethylphenol
 Concen: 7.716 ng
 RT: 10.04 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument : BNA_G
 ClientSampleId : LOD-MDL-WATER-01-QT1-2019

Tot Ion:	122	Resp:	27639
Ion Ratio	Lower	Upper	
122	100		
107	121.0	97.4	146.2
121	58.1	47.7	71.5

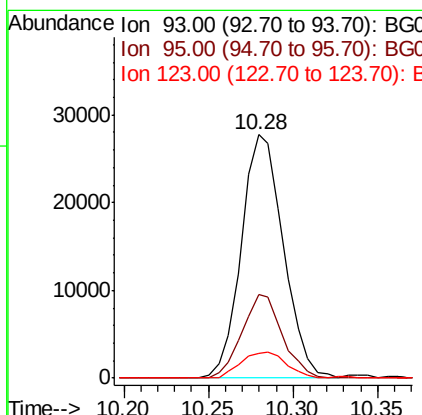
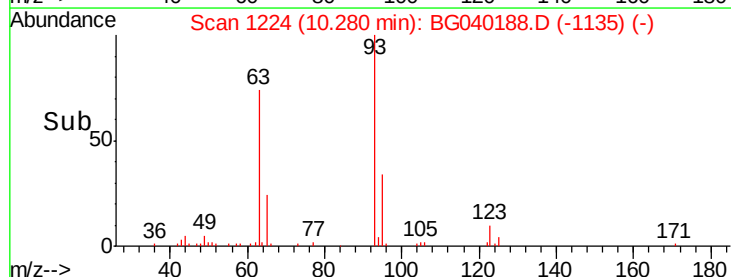
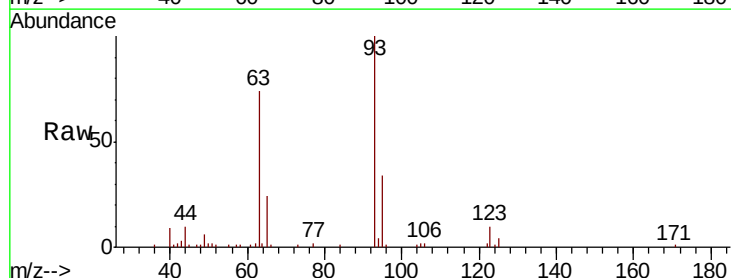
Manual Integrations
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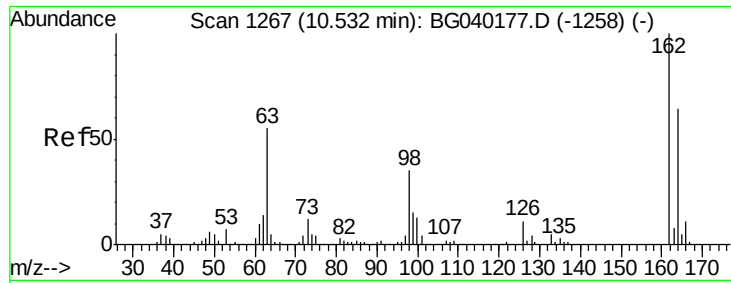
Sohil
 3/29/2019 4:48:19 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.572 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion:	93	Resp:	47961
Ion Ratio	Lower	Upper	
93	100		
95	34.4	26.2	39.4
123	10.0	9.4	14.0





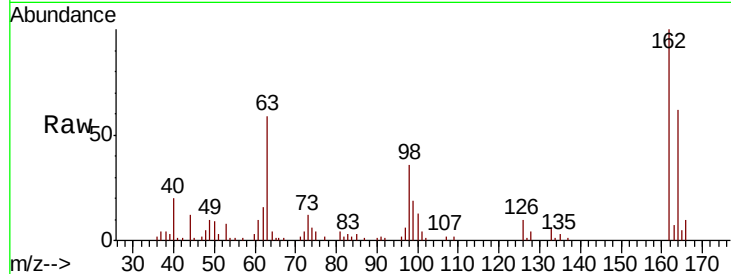
#29
 2,4-Dichlorophenol
 Concen: 7.970 ng
 RT: 10.53 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
162	100	30989		
164	62.0	43.9	83.9	
98	36.3	15.6	55.6	

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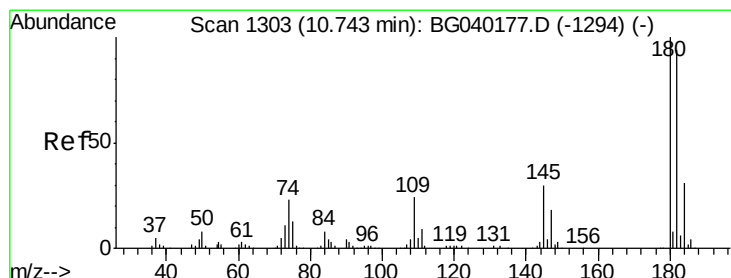
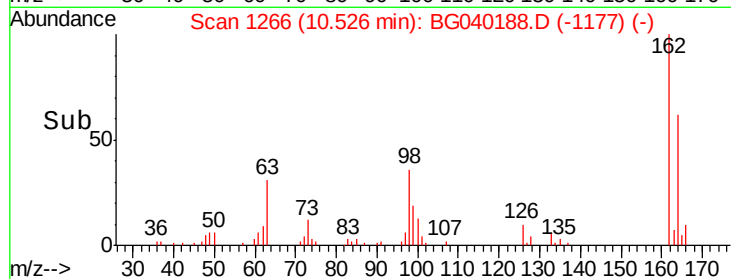
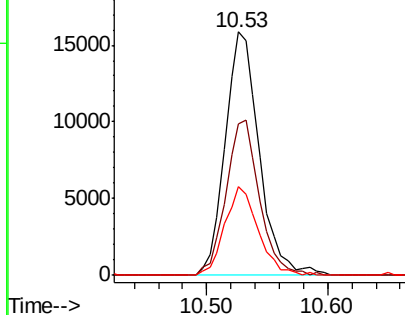


Abundance

Ion 162.00 (161.70 to 162.70): E

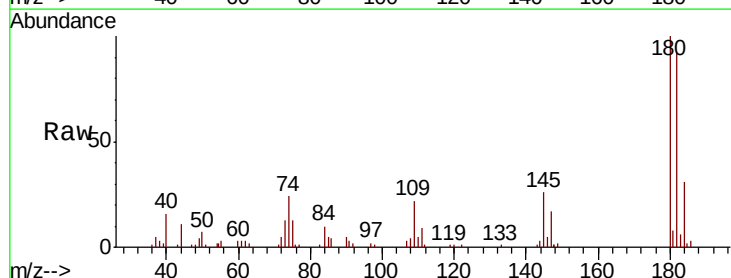
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 8.757 ng
 RT: 10.74 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	37388		
182	91.8	75.1	112.7	
145	26.4	24.1	36.1	

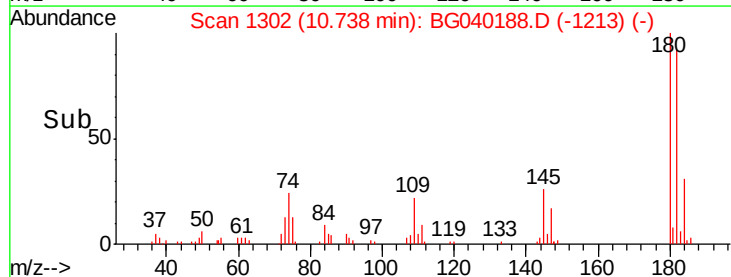
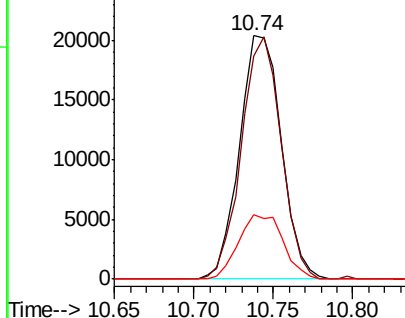


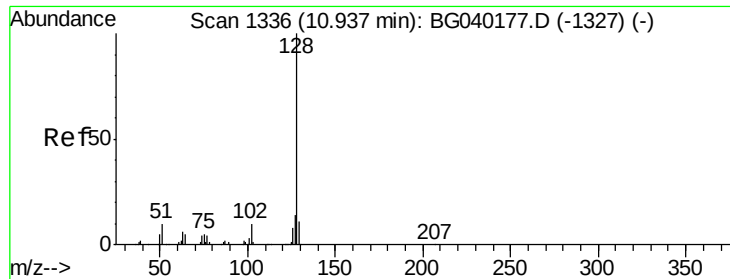
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





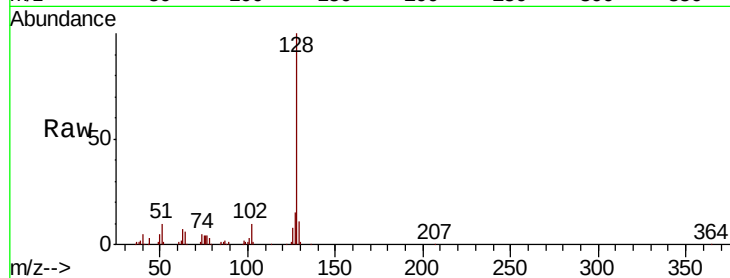
#31
Naphthalene
Concen: 9.039 ng
RT: 10.94 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.9	13.3
127	14.5	11.4	17.0

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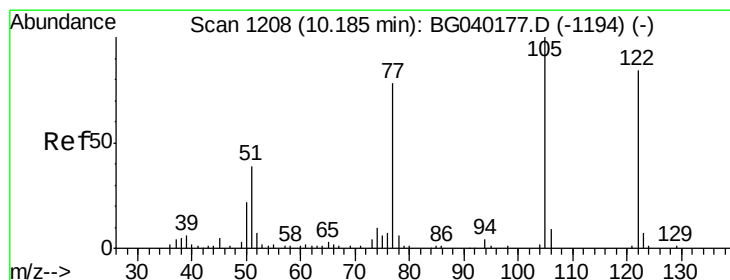
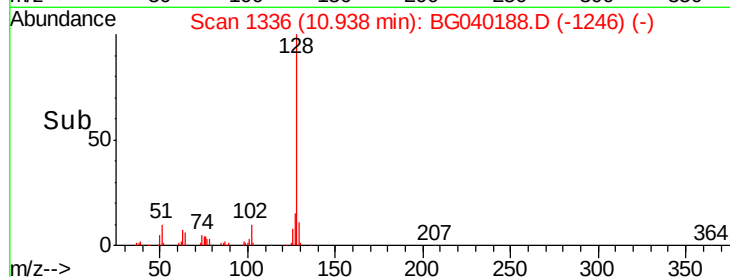
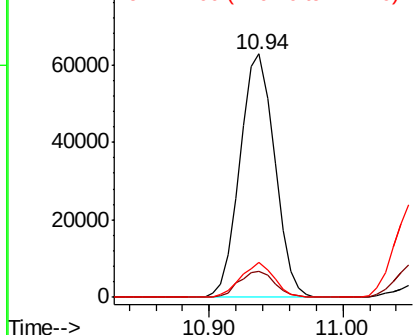


Abundance

Ion 128.00 (127.70 to 128.70): E

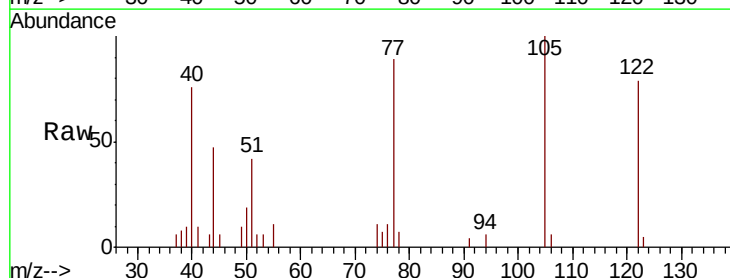
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 5.032 ng m
RT: 10.14 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.1	98.2	138.2
77	112.1	73.6	113.6

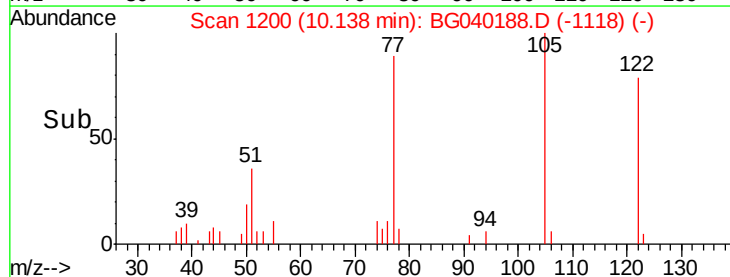
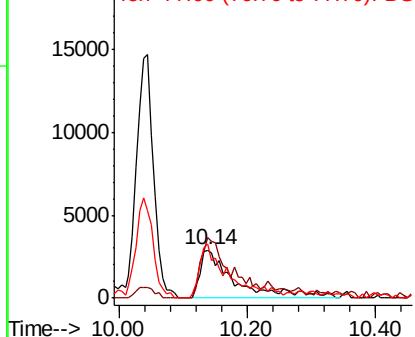


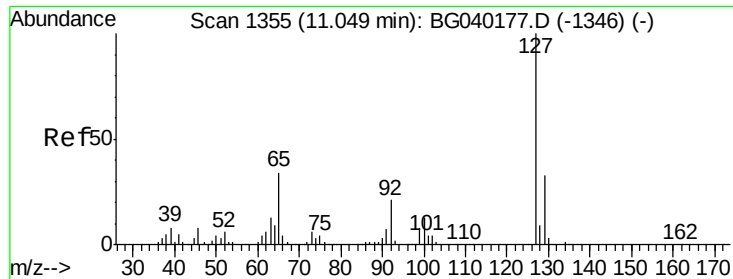
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





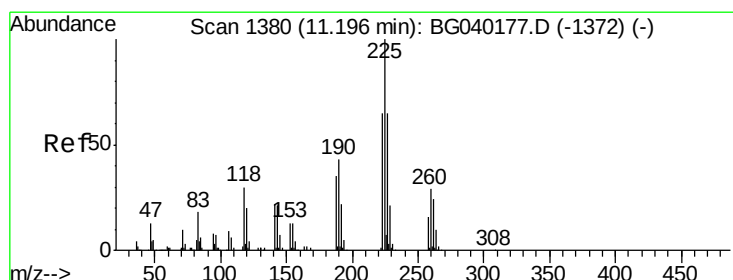
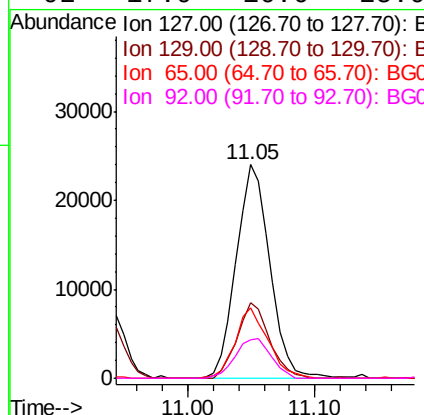
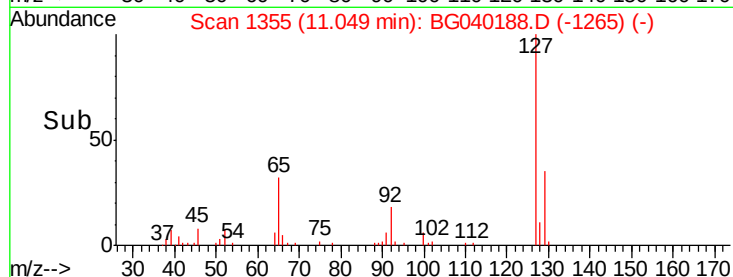
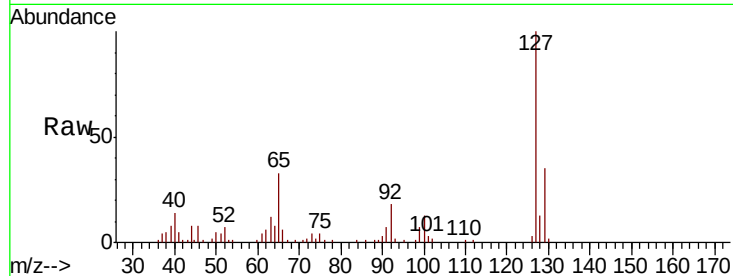
#33
4-Chloroaniline
Concen: 8.267 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	35.1		26.6	40.0	
65	32.9		27.0	40.4	
92	17.9		16.6	25.0	

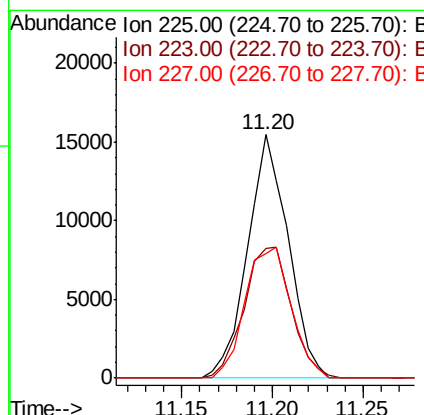
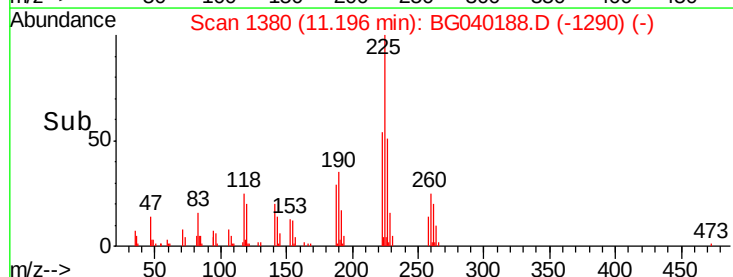
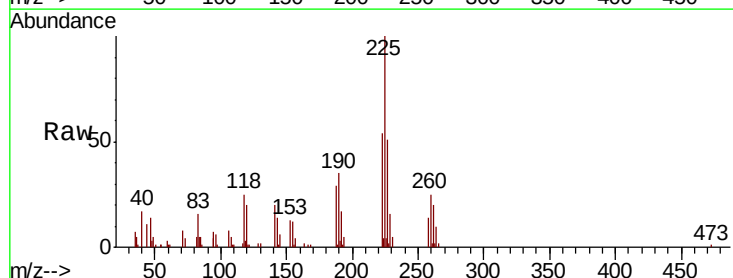
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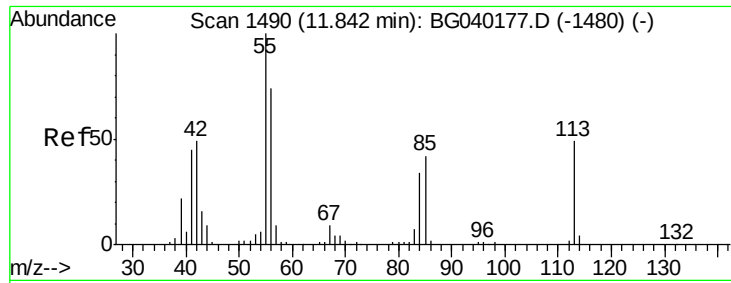
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#34
Hexachlorobutadiene
Concen: 8.818 ng
RT: 11.20 min Scan# 1380
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	53.5		51.8	77.8	
227	51.2		54.9	82.3#	





#35

Caprolactam

Concen: 7.315 ng

RT: 11.81 min Scan# 1485

Delta R.T. -0.03 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:113 Resp: 11288

Ion Ratio Lower Upper

113 100

55 209.7 184.2 224.2

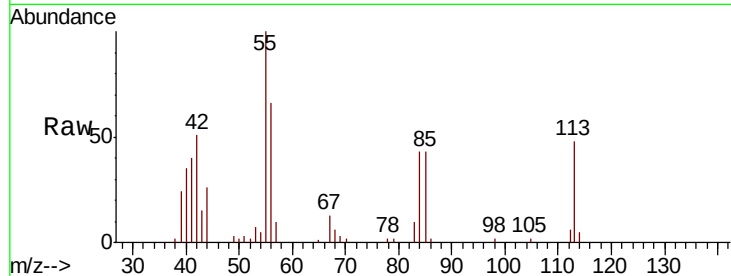
56 139.1 131.3 171.3

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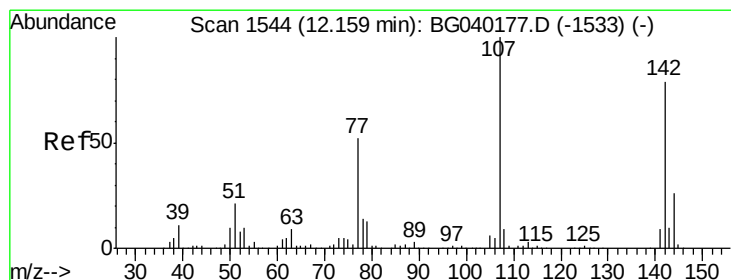
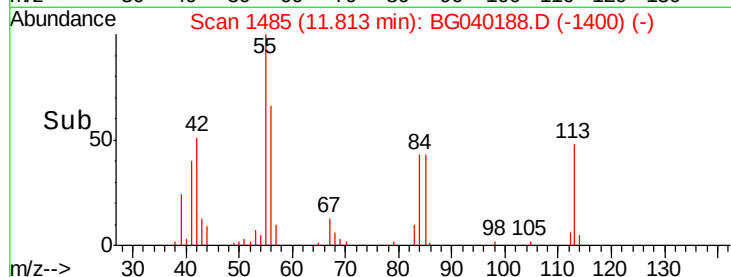
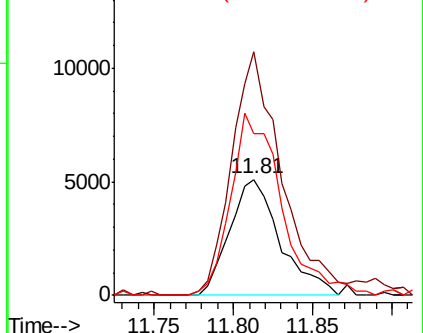
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 7.830 ng

RT: 12.15 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

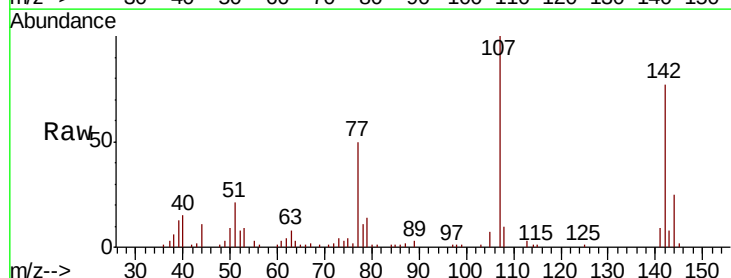
Tgt Ion:107 Resp: 35000

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

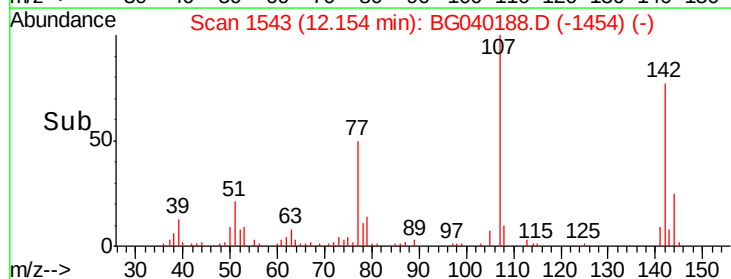
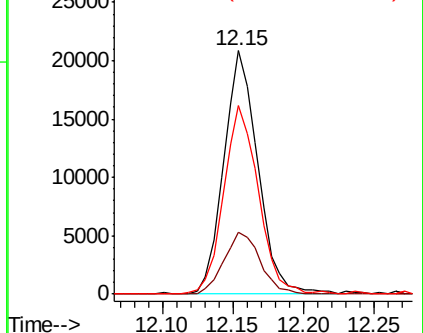
142 77.2 63.1 94.7

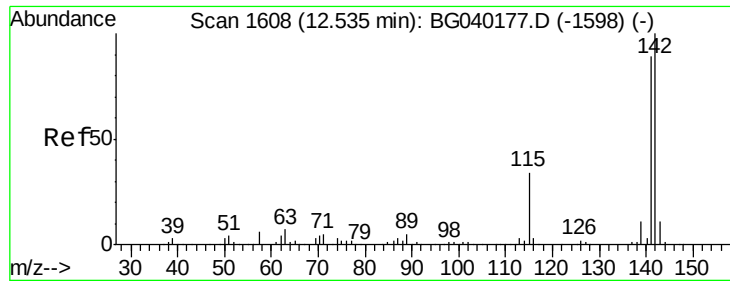


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





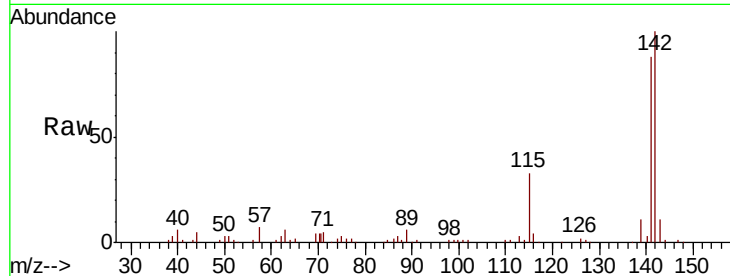
#37
2-Methylnaphthalene
Concen: 8.660 ng
RT: 12.54 min Scan# 1608
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.0	106.6
115	33.4	27.3	40.9

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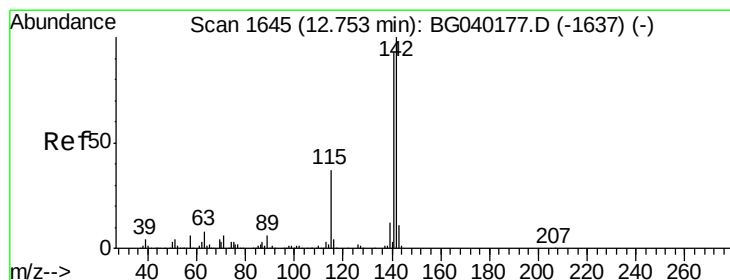
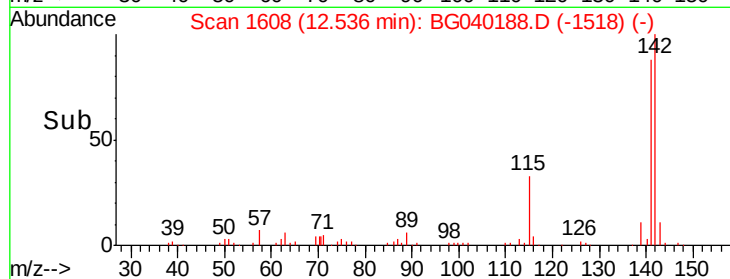
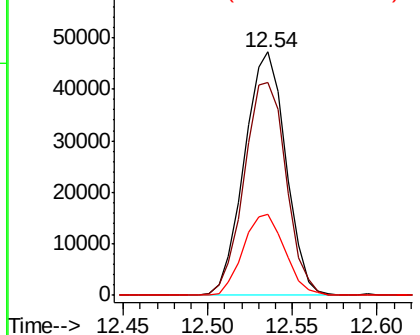


Abundance

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



#38
1-Methylnaphthalene
Concen: 8.800 ng
RT: 12.75 min Scan# 1645
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

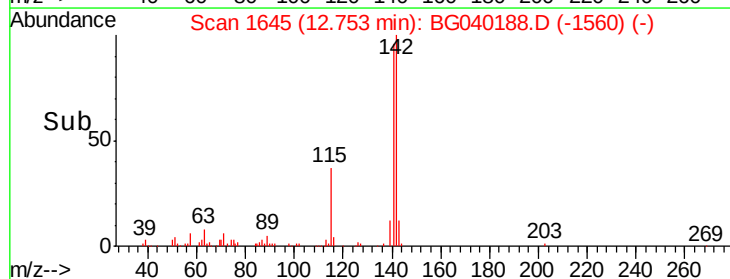
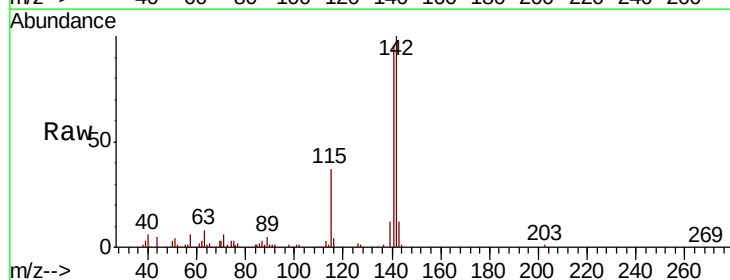
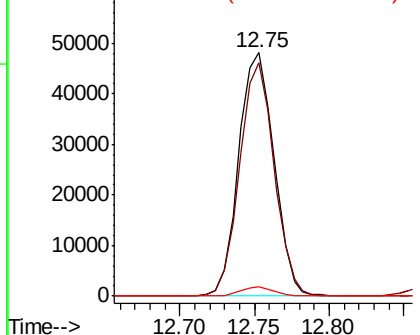
Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	74.2	111.4
116	3.8	3.0	4.4

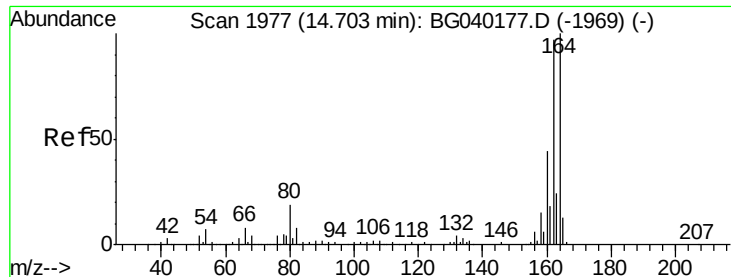
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

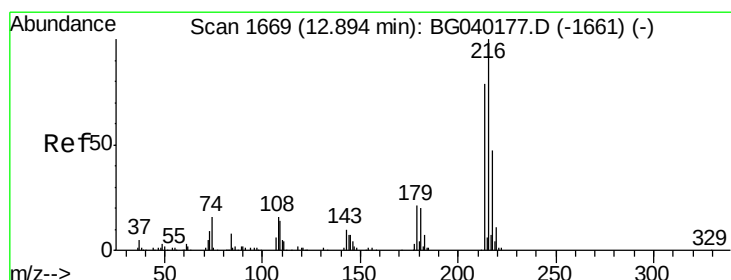
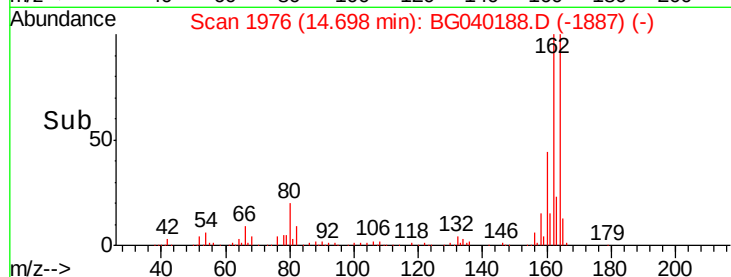
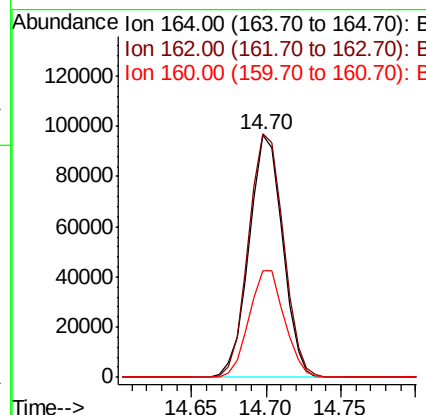
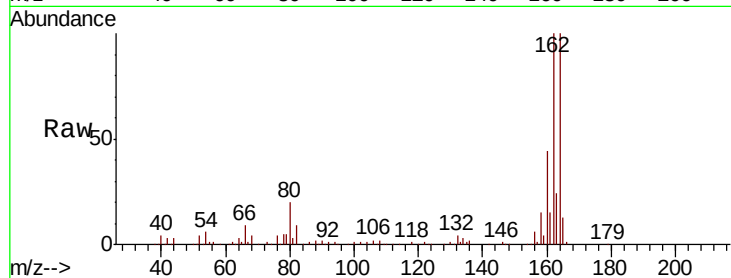
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	164	Resp:	149579
Ion Ratio	Lower	Upper	
164	100		
162	100.4	77.4	116.2
160	43.8	35.3	52.9

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.914 ng

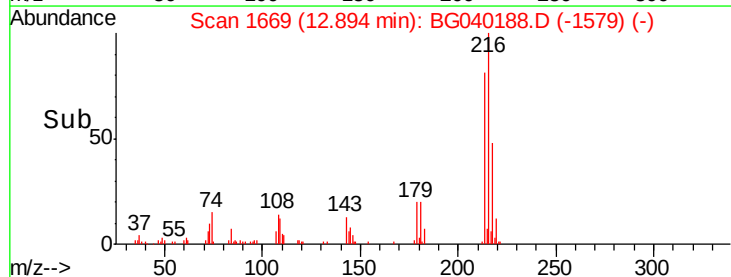
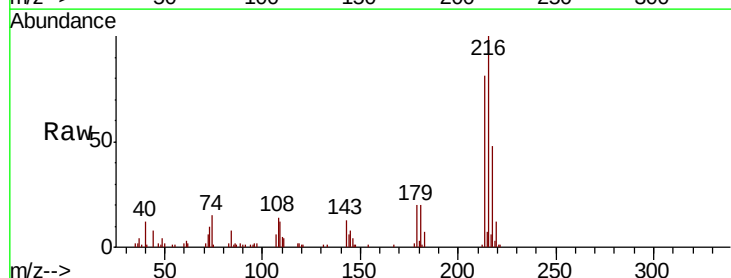
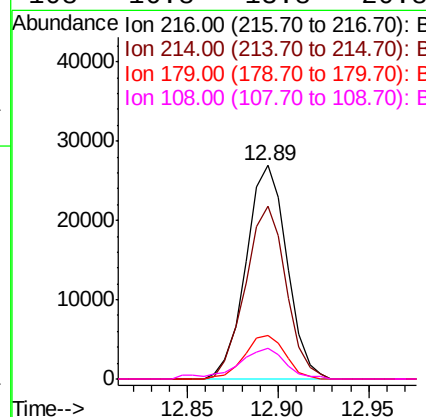
RT: 12.89 min Scan# 1669

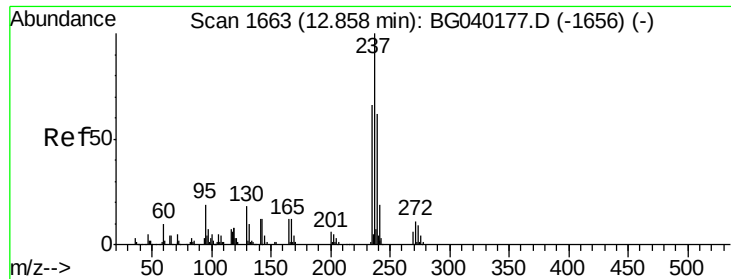
Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	216	Resp:	42377
Ion Ratio	Lower	Upper	
216	100		
214	80.6	63.5	95.3
179	20.7	16.6	25.0
108	16.8	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 6.980 ng

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

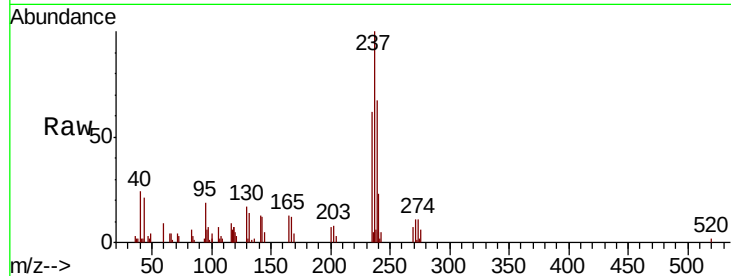
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

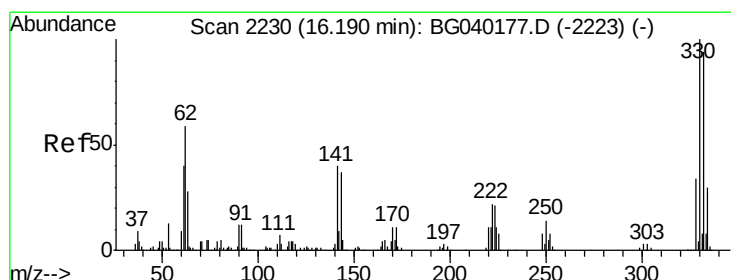
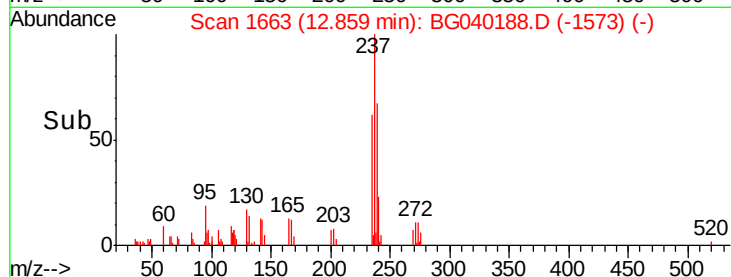
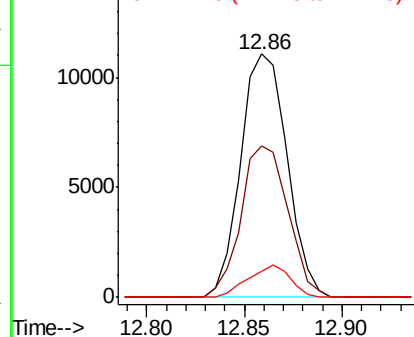
Tot Ion:	237	Resp:	18221
Ion Ratio	Lower	Upper	
237	100		
235	62.2	46.2	86.2
272	10.9	0.0	30.5

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



#42

2,4,6-Tribromophenol

Concen: 112.031 ng

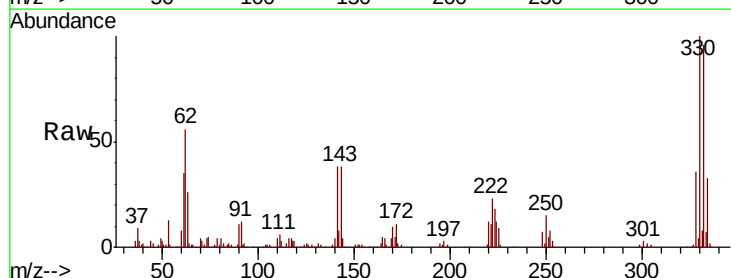
RT: 16.19 min Scan# 2230

Delta R.T. 0.00 min

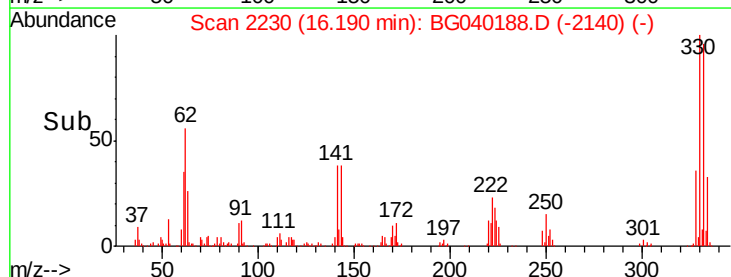
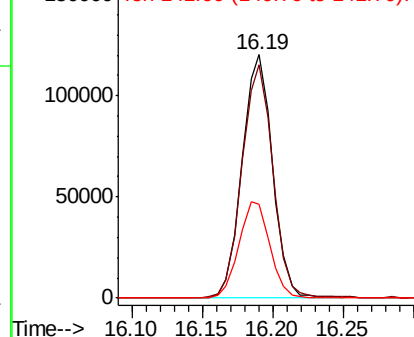
Lab File: BG040188.D

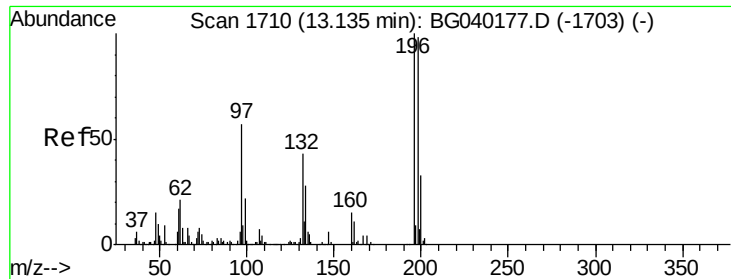
Acq: 28 Mar 2019 1:47

Tgt Ion:	330	Resp:	181104
Ion Ratio	Lower	Upper	
330	100		
332	97.4	76.6	115.0
141	40.6	32.6	48.8



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





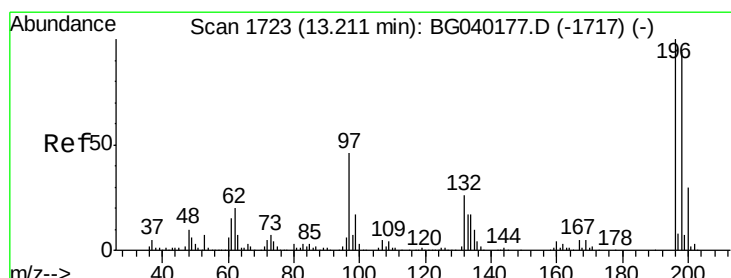
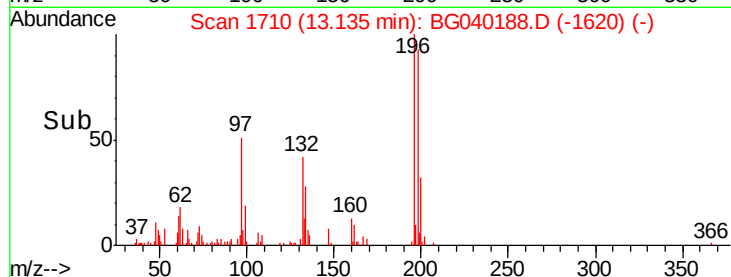
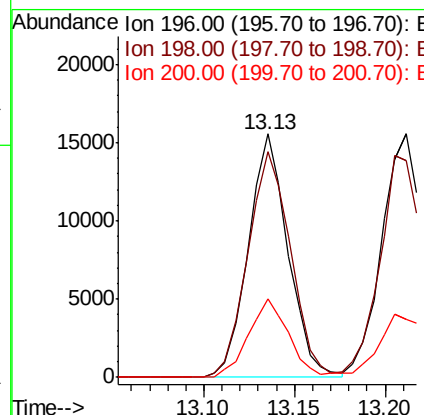
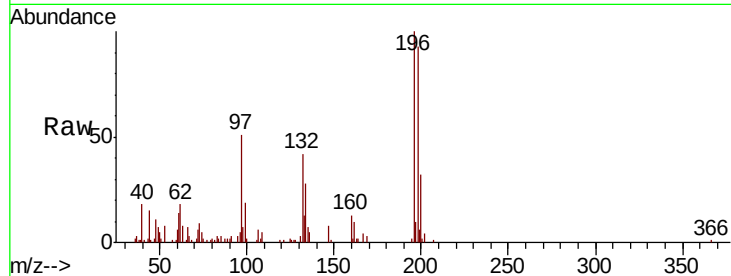
#43
 2,4,6-Trichlorophenol
 Concen: 7.707 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
196	100	23622		
198	92.7		78.3	117.5
200	32.4		26.0	39.0

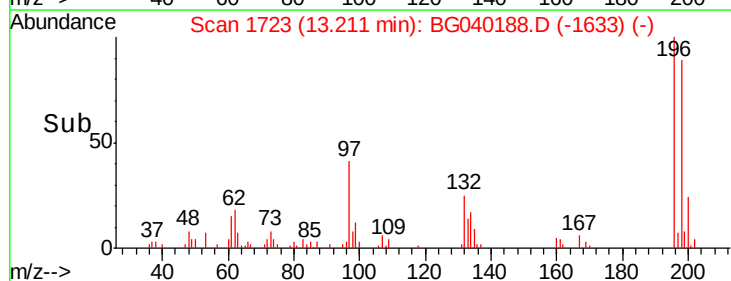
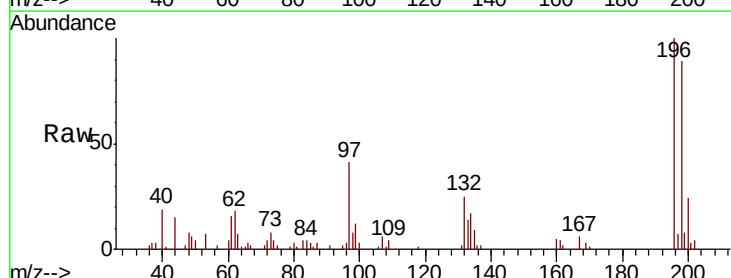
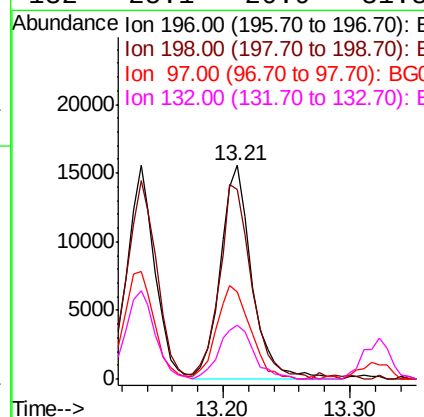
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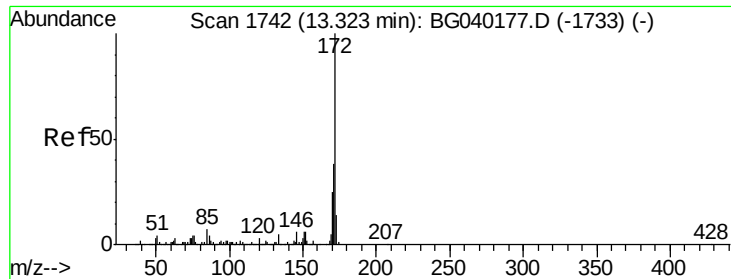
Sohil
 3/29/2019 4:48:19 PM



#44
 2,4,5-Trichlorophenol
 Concen: 8.025 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	26812		
198	89.0		75.0	112.6
97	41.1		37.3	55.9
132	25.1		20.9	31.3





#45

2-Fluorobiphenyl

Concen: 83.957 ng

RT: 13.32 min Scan# 1742

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

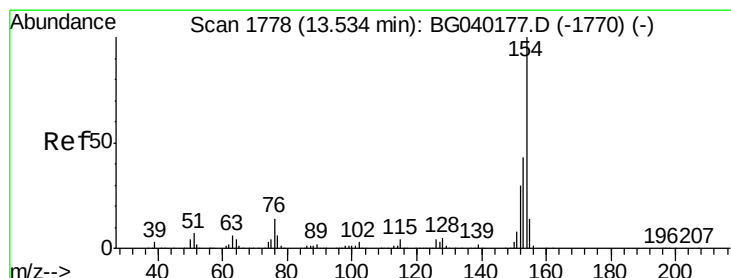
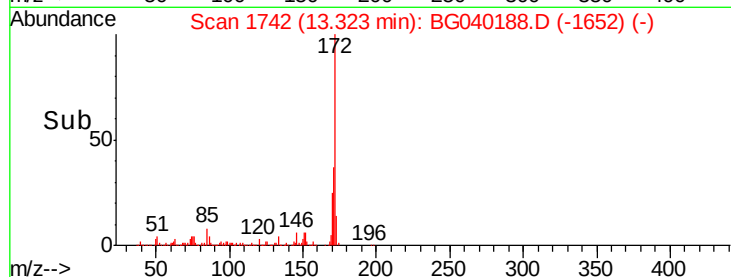
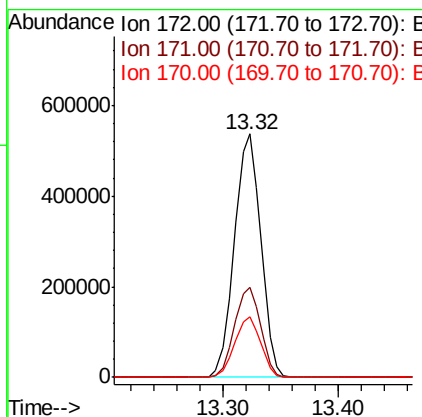
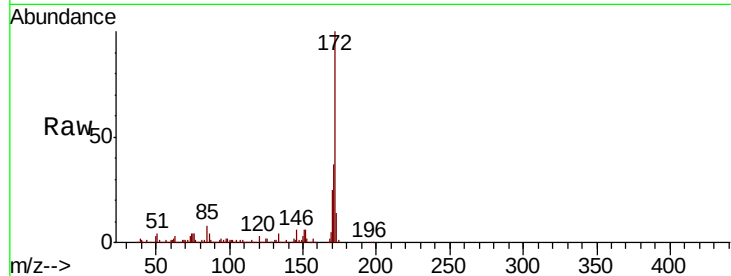
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	172	Resp:	847518
Ion Ratio	Lower	Upper	
172	100		
171	37.0	30.5	45.7
170	24.9	20.1	30.1

Manual Integrations
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#46

1,1'-Biphenyl

Concen: 8.955 ng

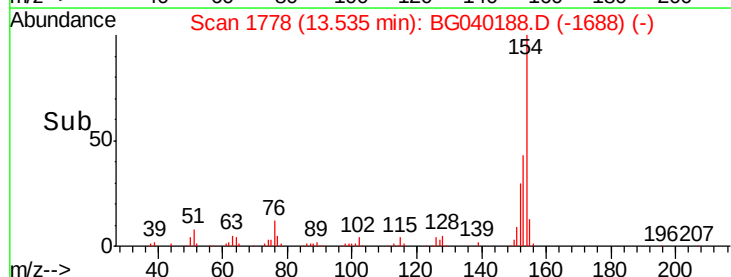
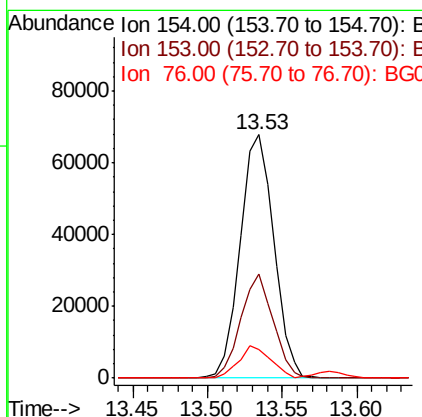
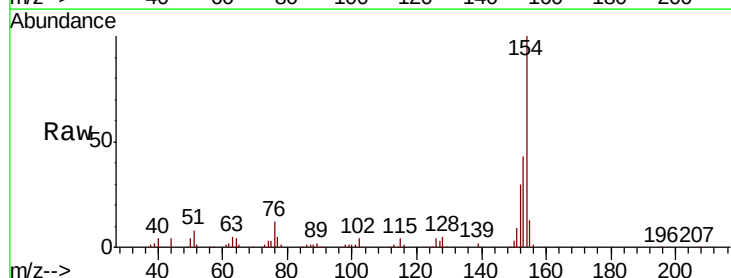
RT: 13.53 min Scan# 1778

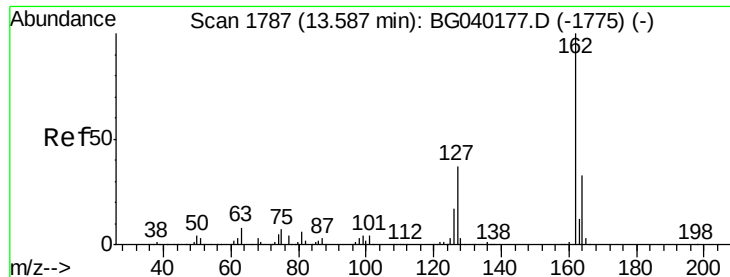
Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	154	Resp:	105835
Ion Ratio	Lower	Upper	
154	100		
153	42.8	22.5	62.5
76	11.9	0.0	33.7





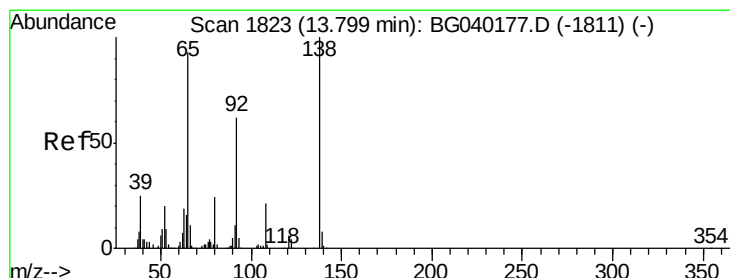
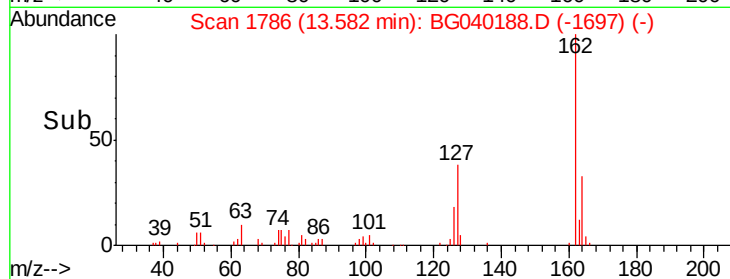
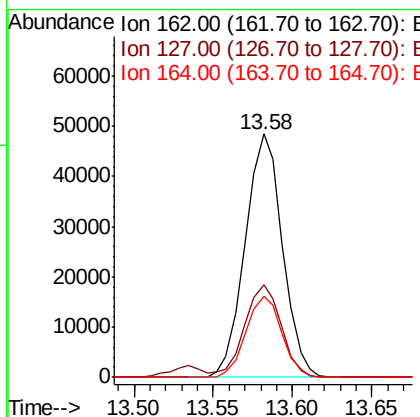
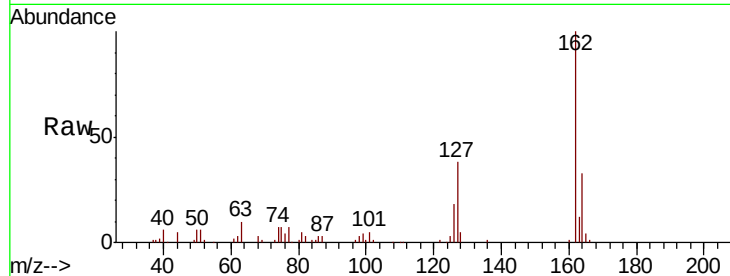
#47
 2-Chloronaphthalene
 Concen: 8.715 ng
 RT: 13.58 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.2	30.6	45.8
164	33.3	26.2	39.4

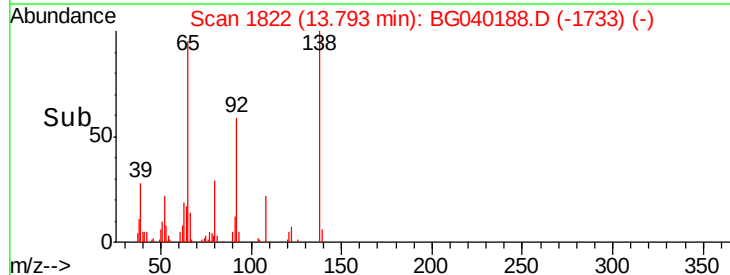
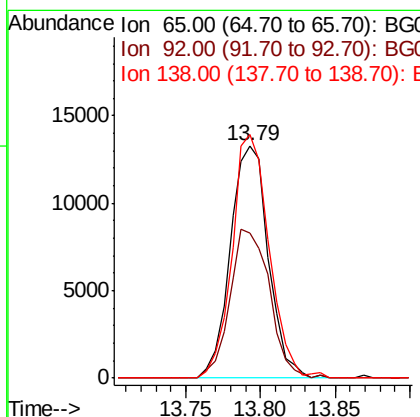
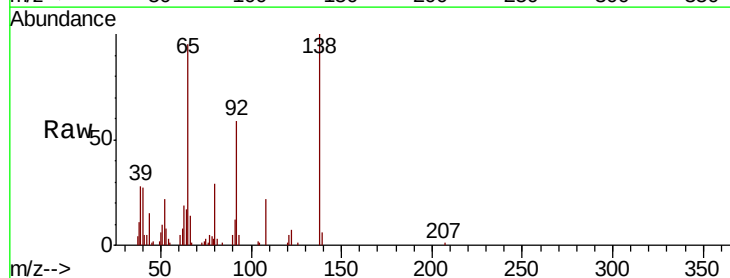
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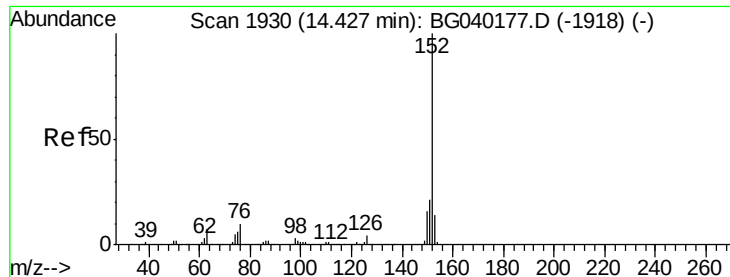
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#48
 2-Nitroaniline
 Concen: 7.682 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	62.2	53.8	80.6
138	104.9	86.3	129.5





#49

Acenaphthylene

Concen: 9.013 ng

RT: 14.43 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

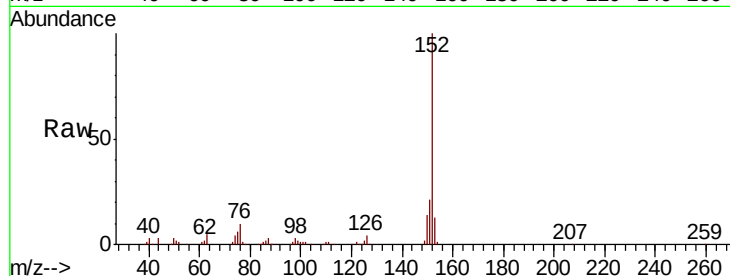
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	152	Resp:	138533
Ion Ratio	Lower	Upper	
152	100		
151	21.5	17.0	25.6
153	13.3	10.8	16.2

Manual Integrations
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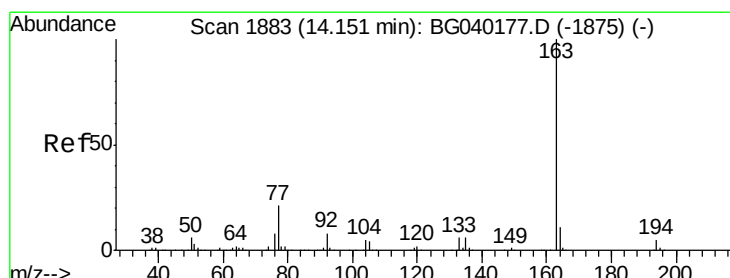
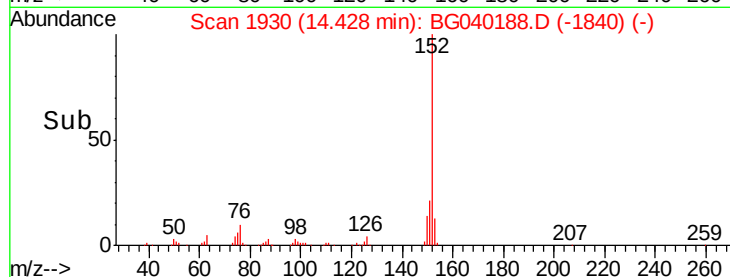
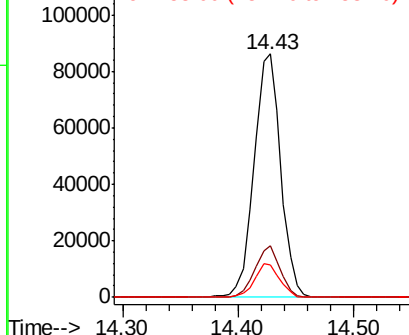


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.879 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

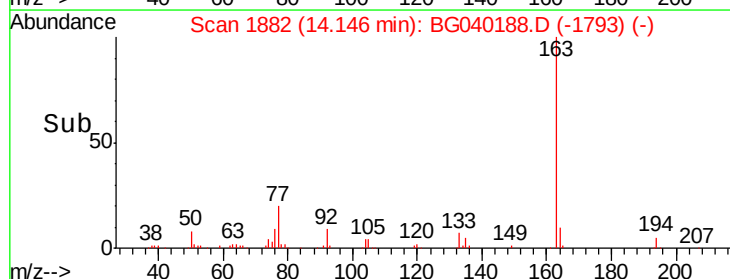
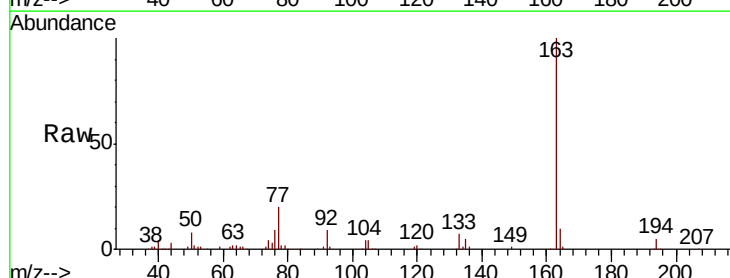
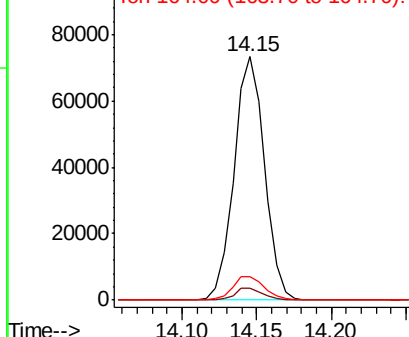
Tgt Ion:	163	Resp:	103945
Ion Ratio	Lower	Upper	
163	100		
194	4.7	4.1	6.1
164	9.8	8.6	13.0

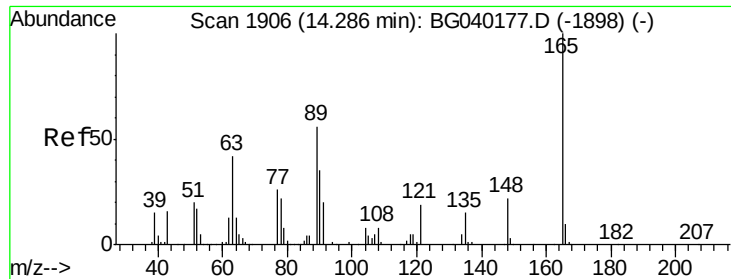
Abundance

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: 8.111 ng

RT: 14.28 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

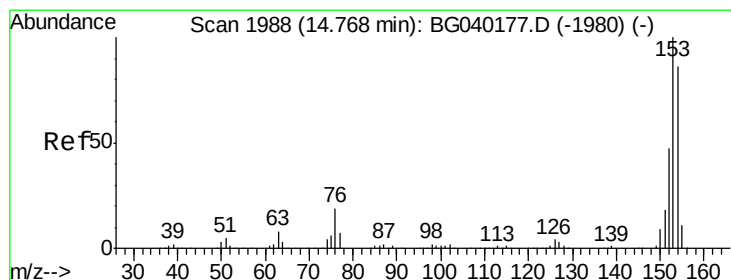
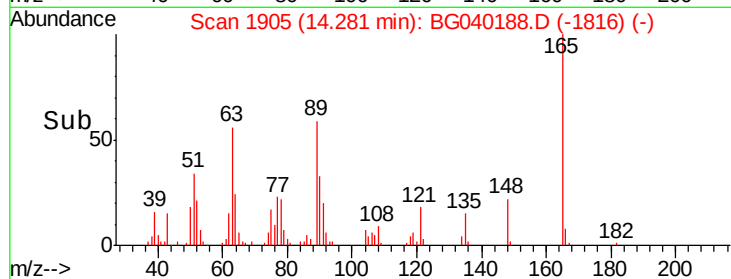
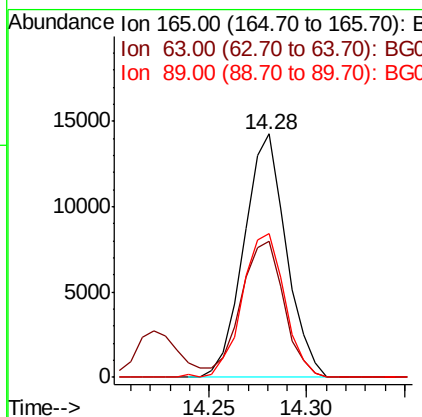
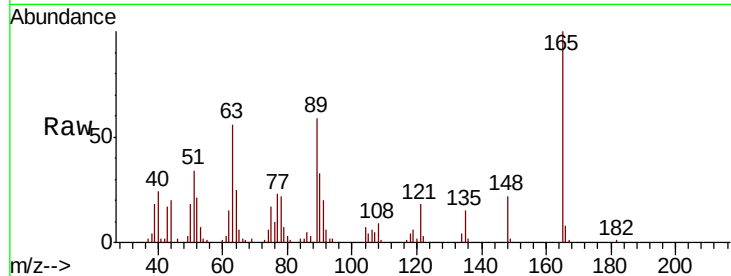
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	165	Resp:	21320
Ion Ratio	Lower	Upper	
165	100		
63	55.7	44.1	66.1
89	58.8	44.9	67.3

Manual Integrations
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#52

Acenaphthene

Concen: 8.847 ng

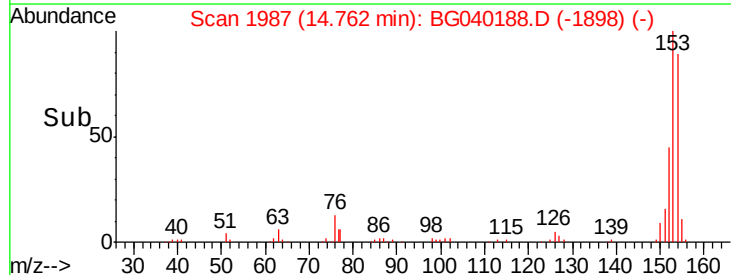
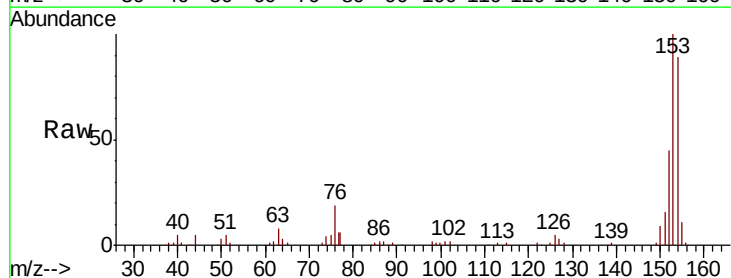
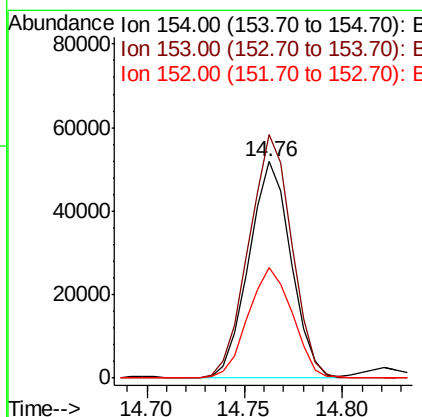
RT: 14.76 min Scan# 1987

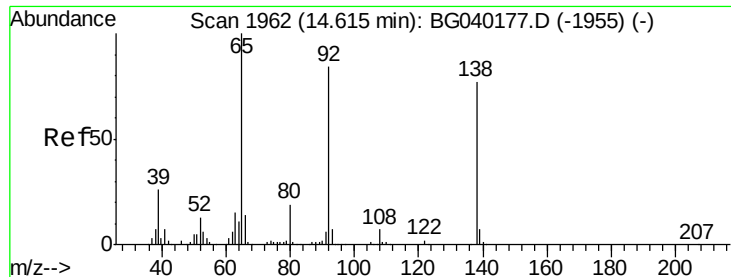
Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	154	Resp:	77924
Ion Ratio	Lower	Upper	
154	100		
153	112.4	92.8	139.2
152	50.9	43.4	65.2





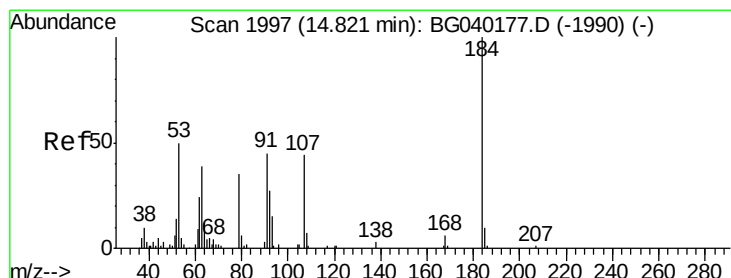
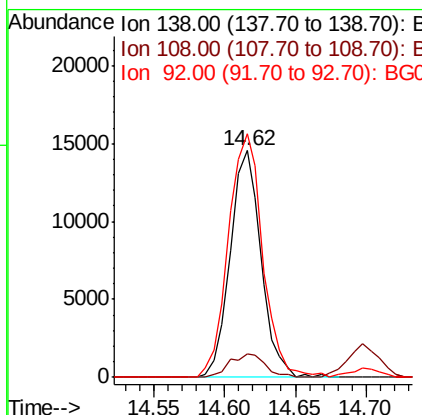
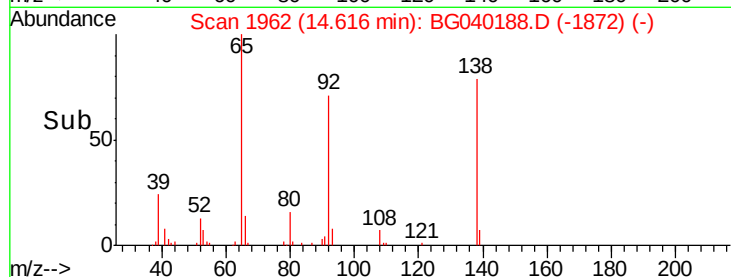
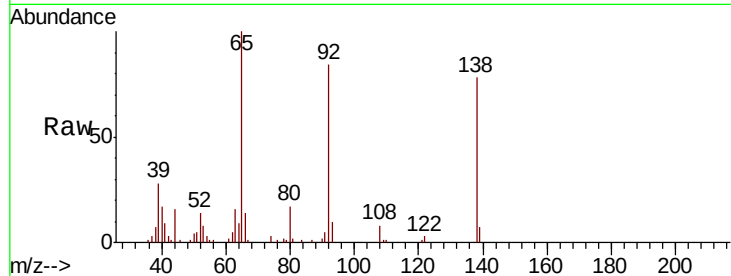
#53
3-Nitroaniline
Concen: 7.954 ng
RT: 14.62 min Scan# 1962
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.8
92	107.3	87.5	131.3

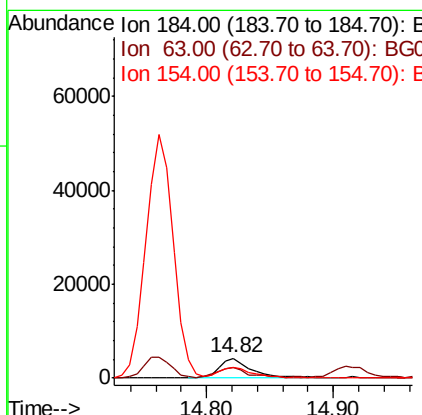
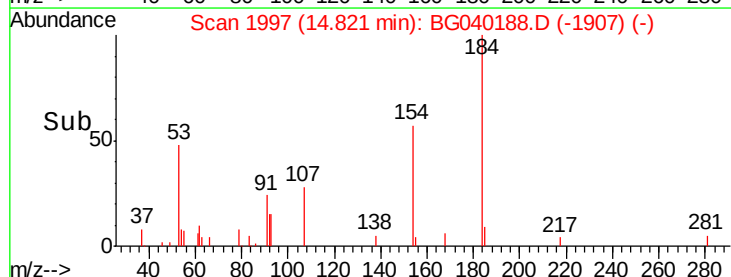
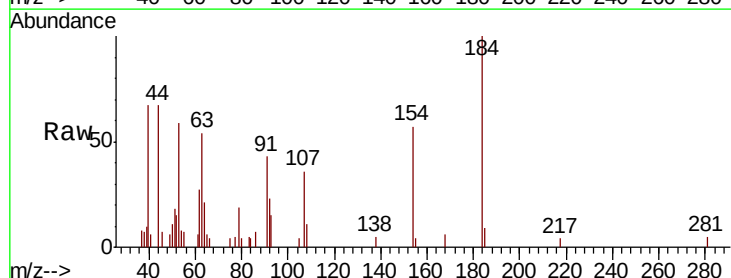
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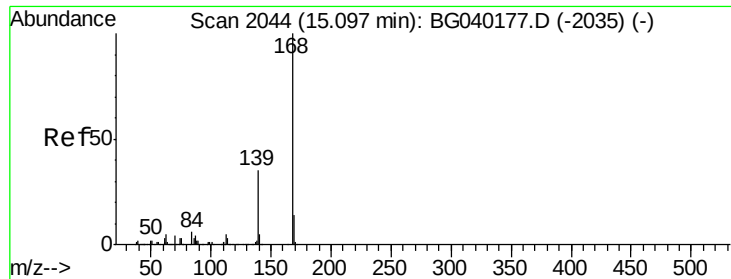
Sohil
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#54
2,4-Dinitrophenol
Concen: 5.412 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.0	51.8	77.8
154	57.3	50.9	76.3





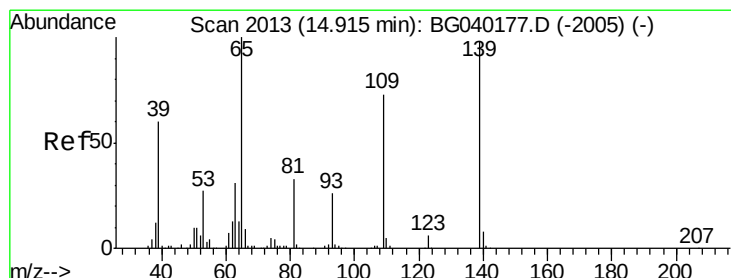
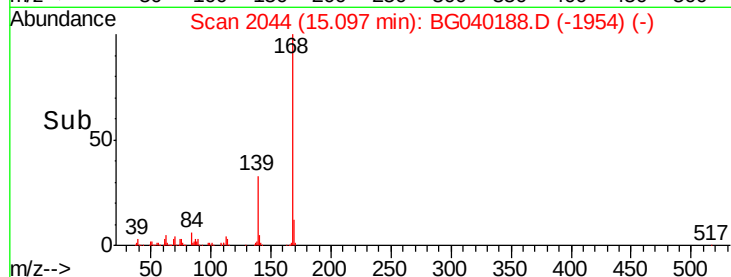
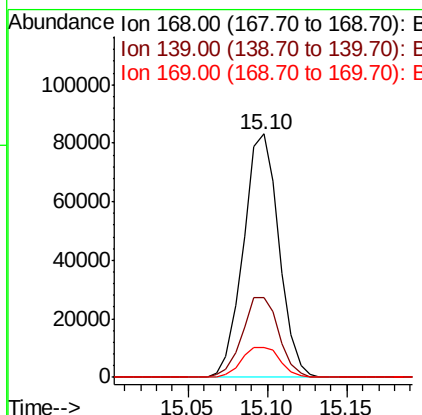
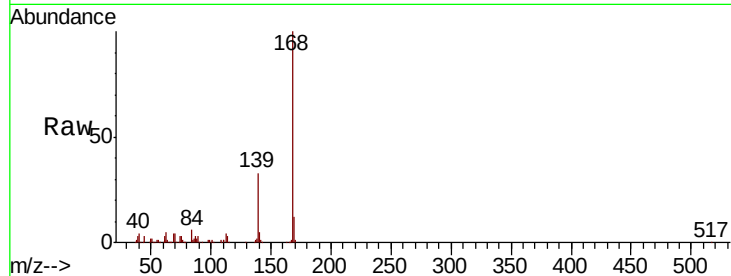
#55
Dibenzenofuran
Concen: 9.126 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
168	100		
139	32.7	27.9	41.9
169	12.2	11.3	16.9

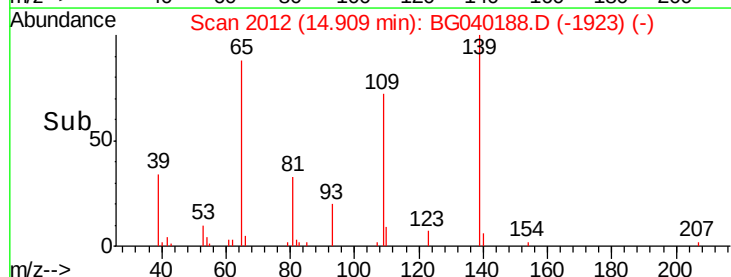
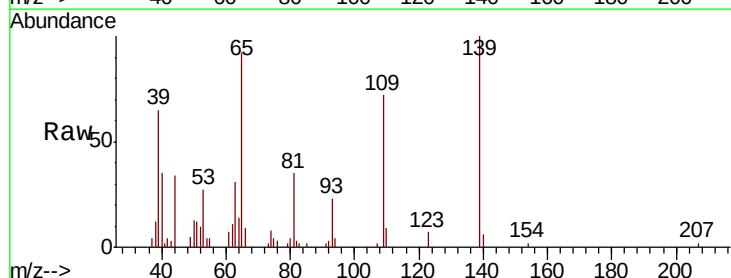
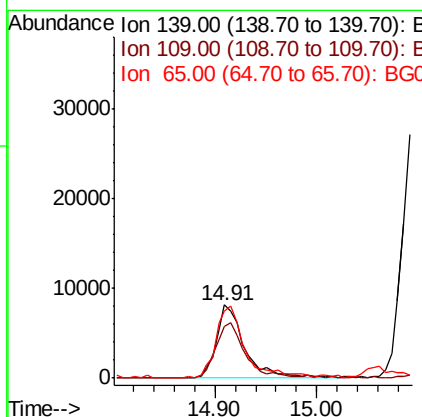
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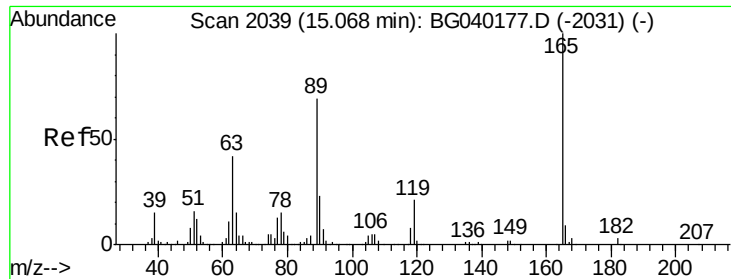
Sohil
3/29/2019 4:48:19 PM



#56
4-Nitrophenol
Concen: 6.993 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.8	54.3	94.3
65	91.8	82.5	122.5





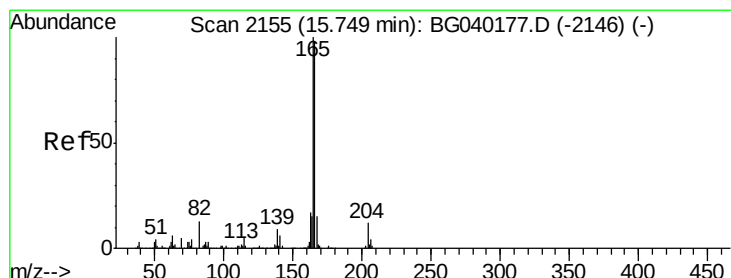
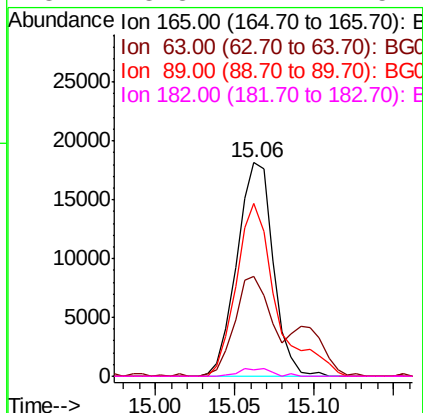
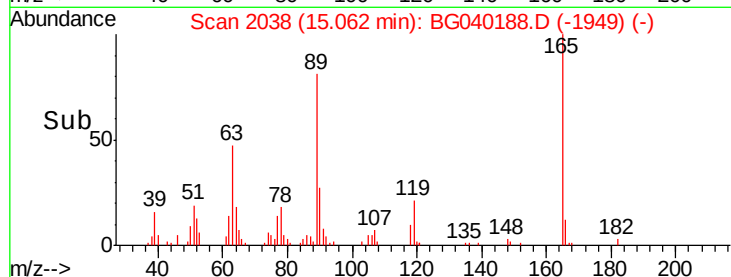
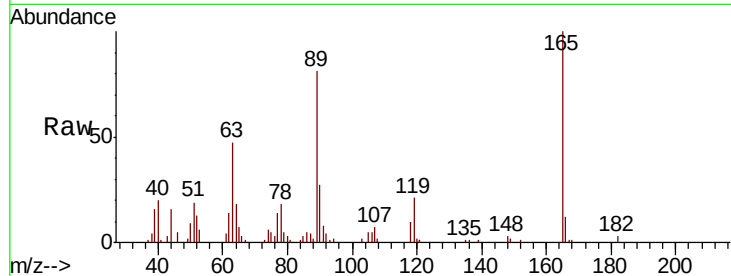
#57
2,4-Dinitrotoluene
Concen: 7.887 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
165	100	28806		
63	46.9		33.8	50.6
89	81.2		55.4	83.2
182	3.3		2.2	3.4

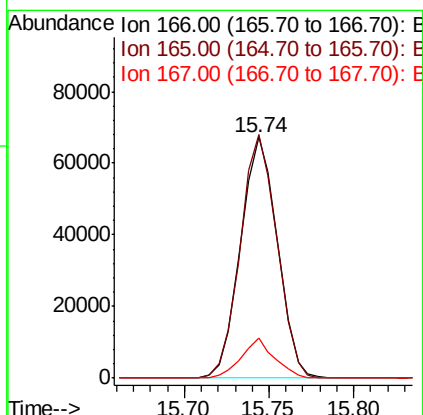
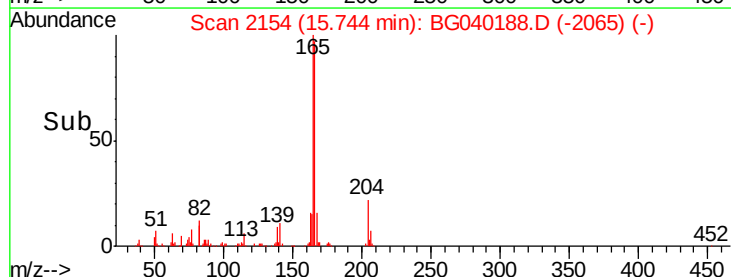
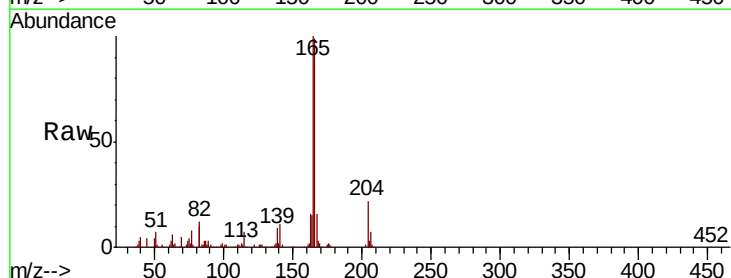
Manual Integrations
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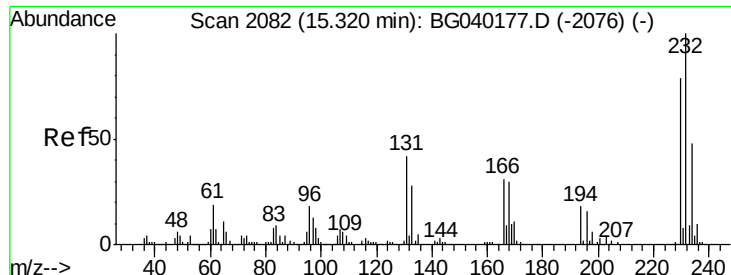
Sohil
3/29/2019 4:48:19 PM



#58
Fluorene
Concen: 9.172 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	102058		
165	101.0		81.7	122.5
167	16.6		11.9	17.9





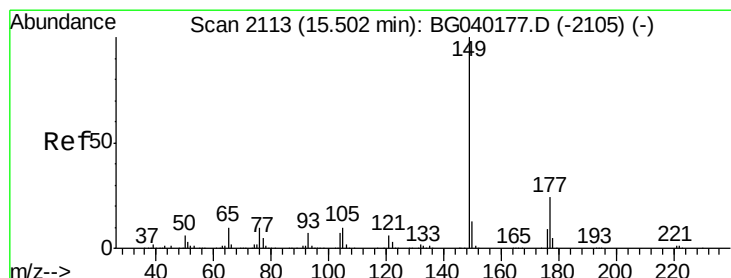
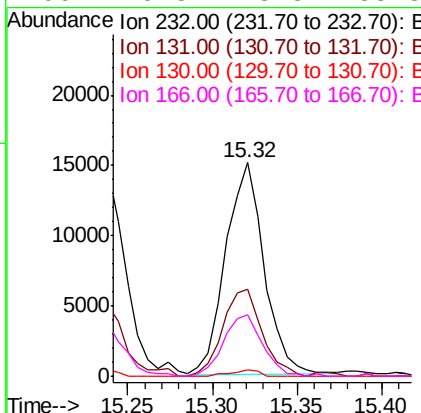
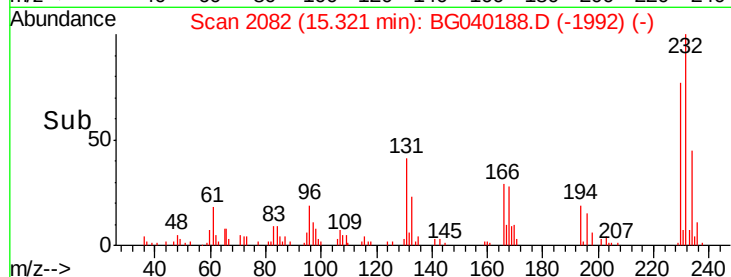
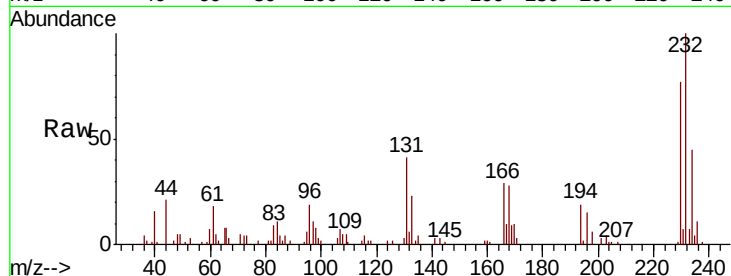
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.795 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	42.2	32.9	49.3
130	2.2	1.8	2.8
166	29.8	23.5	35.3

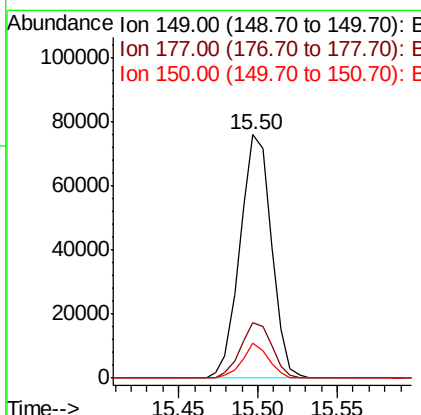
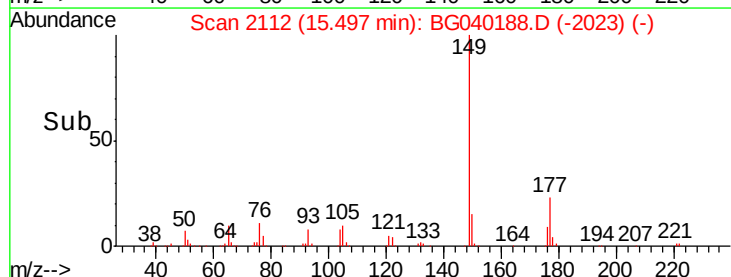
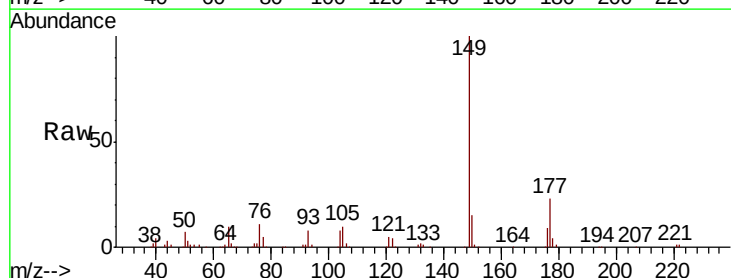
Manual Integrations
APPROVED

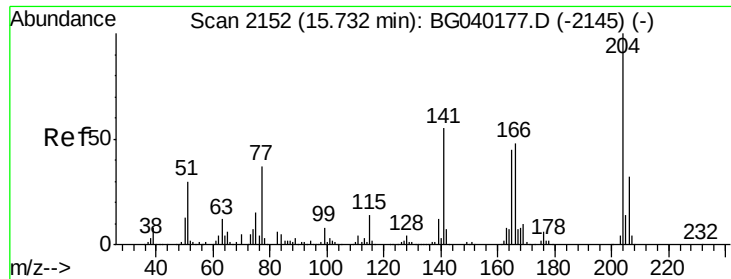
Sohil
3/29/2019 4:48:19 PM



#60
Diethylphthalate
Concen: 8.729 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	22.6	19.1	28.7
150	14.6	10.6	15.8





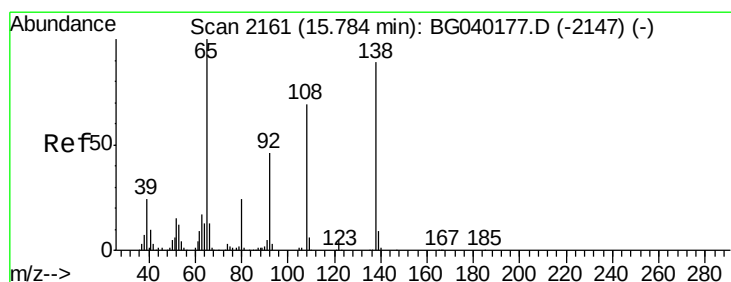
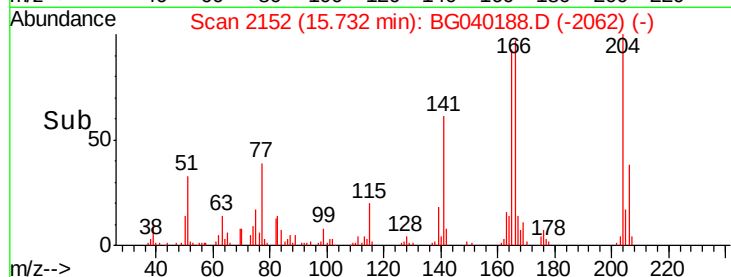
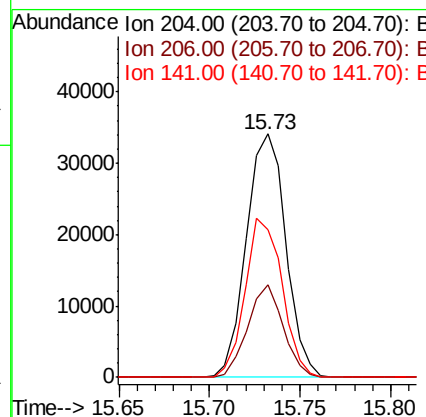
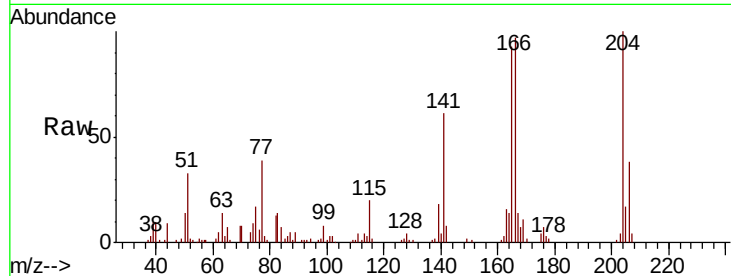
#61
4-Chlorophenyl-phenylether
Concen: 8.666 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
204	100		
206	38.2	25.7	38.5
141	60.6	44.0	66.0

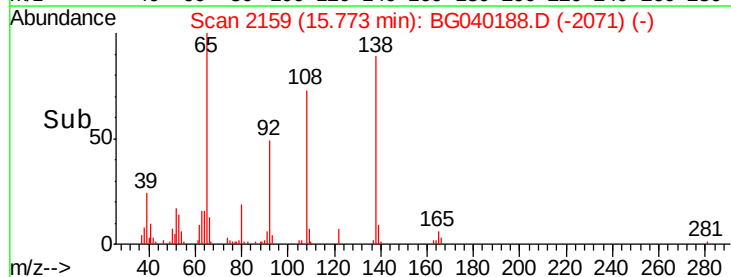
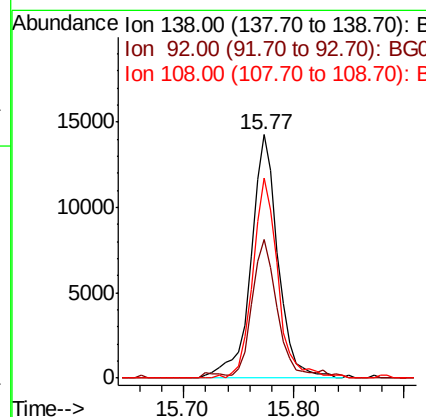
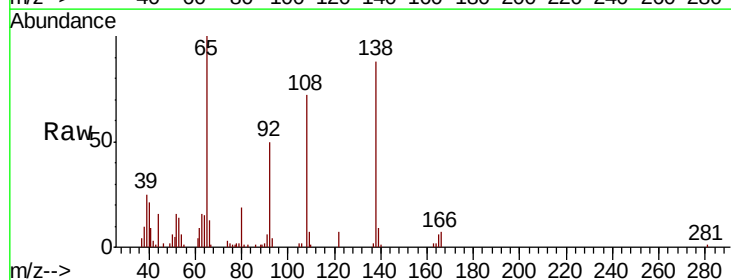
Manual Integrations
APPROVED

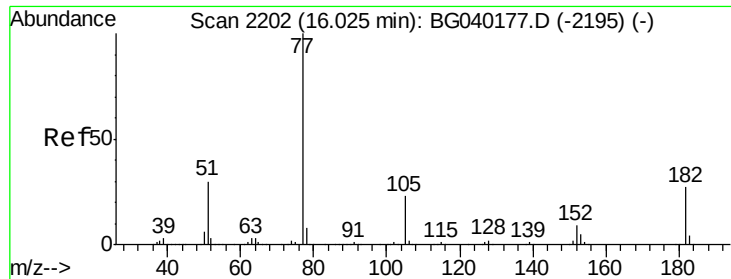
Sohil
3/29/2019 4:48:19 PM



#62
4-Nitroaniline
Concen: 8.183 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.9	31.8	71.8
108	82.4	57.2	97.2





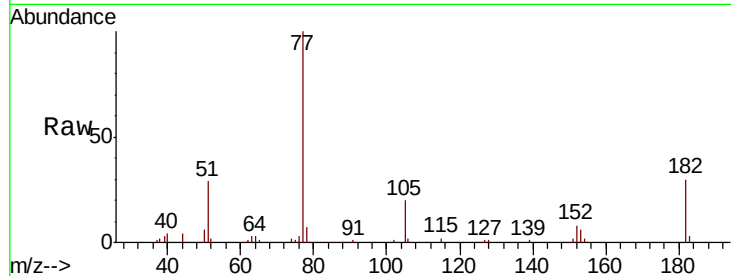
#63
Azobenzene
Concen: 8.987 ng
RT: 16.03 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	30.4	7.2	47.2		
105	19.9	2.8	42.8		
51	29.3	10.4	50.4		

Manual Integrations
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Sohil
3/29/2019 4:48:19 PM



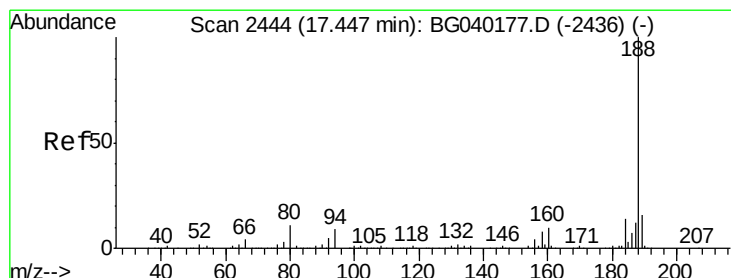
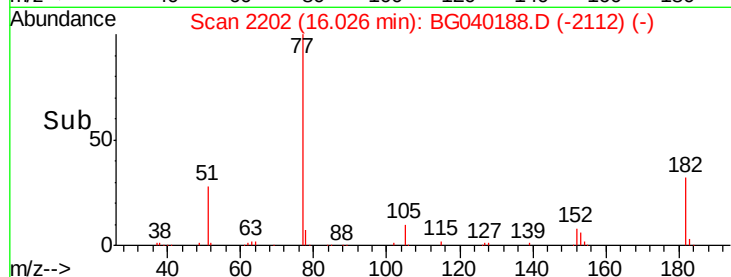
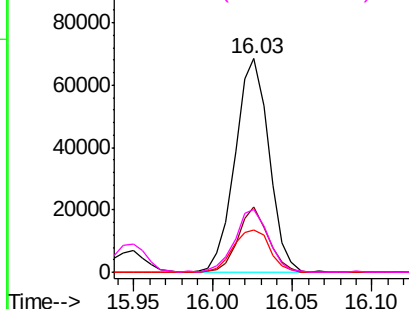
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

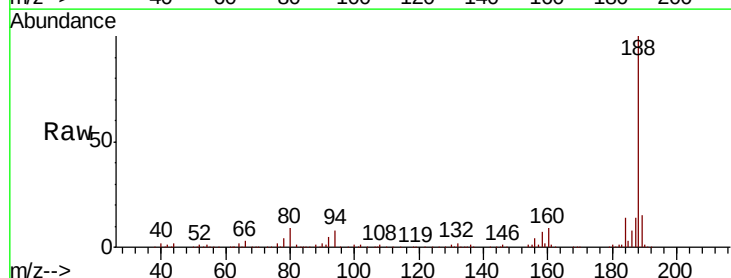
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.3	7.0	10.4		
80	8.6	8.6	13.0#		

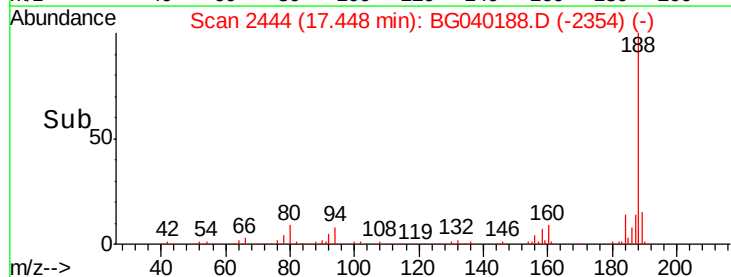
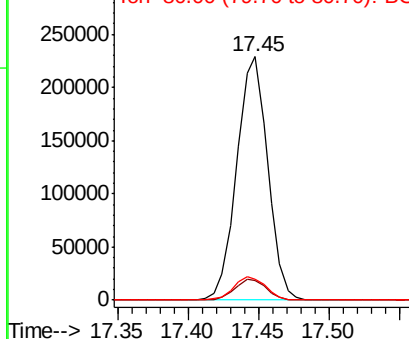


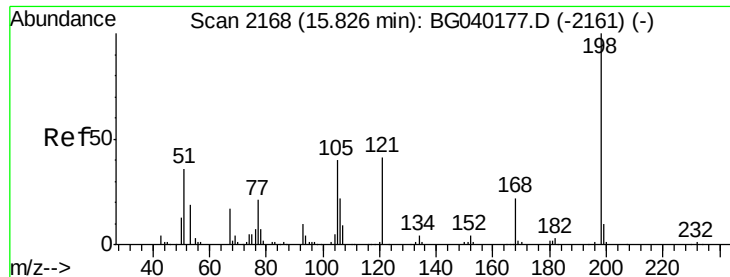
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 6.441 ng

RT: 15.82 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

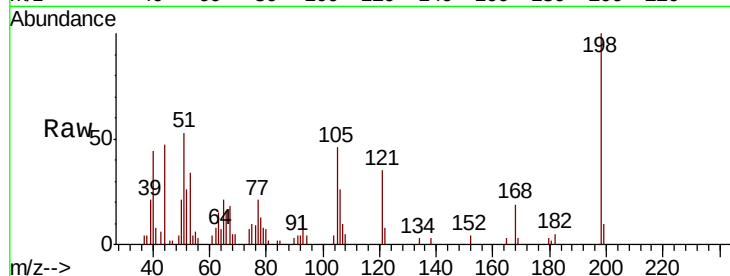
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	198	Resp:	12697
Ion Ratio	Lower	Upper	
198	100		
51	52.9	27.3	67.3
105	46.3	21.7	61.7

Manual Integrations
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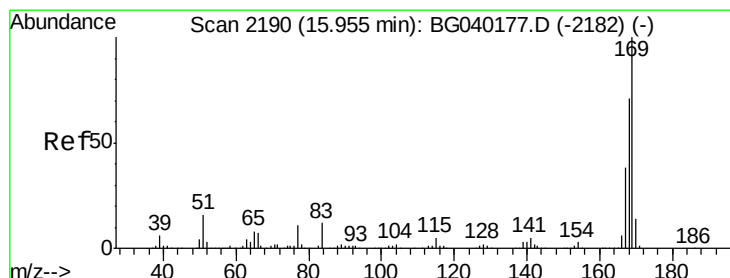
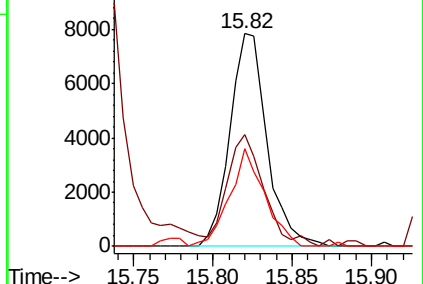
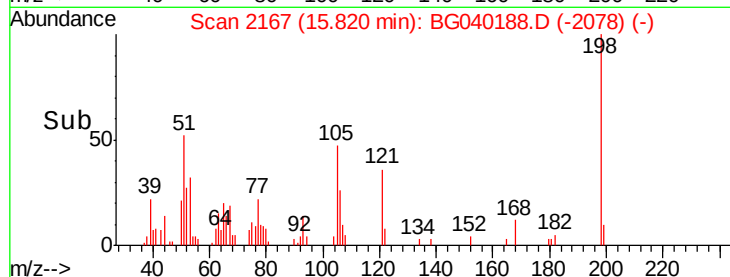
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.691 ng

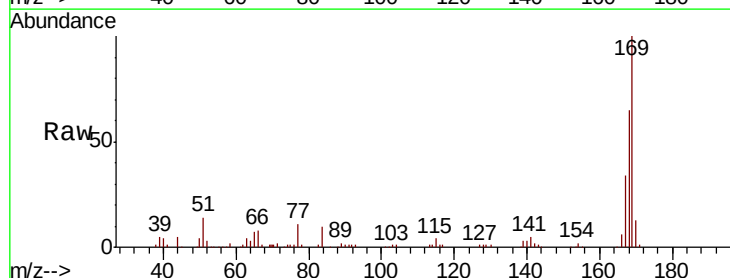
RT: 15.95 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

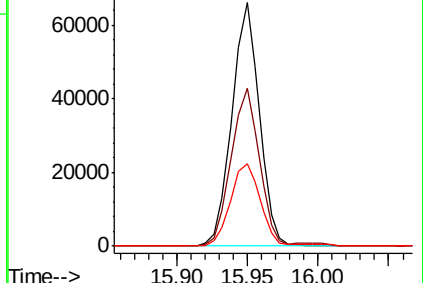
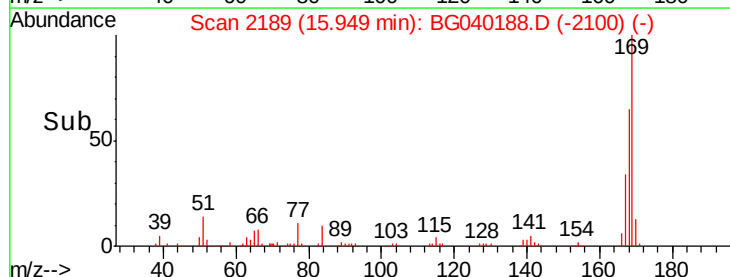
Tgt Ion:	169	Resp:	89231
Ion Ratio	Lower	Upper	
169	100		
168	65.0	56.8	85.2
167	34.0	30.2	45.4

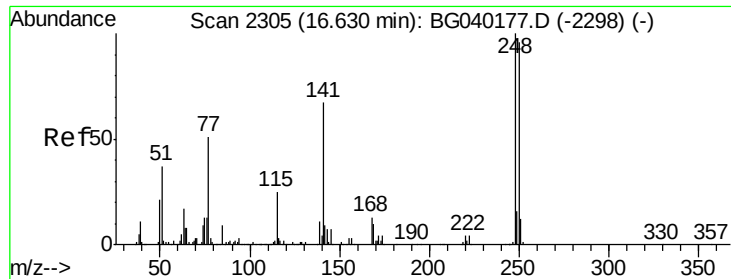


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





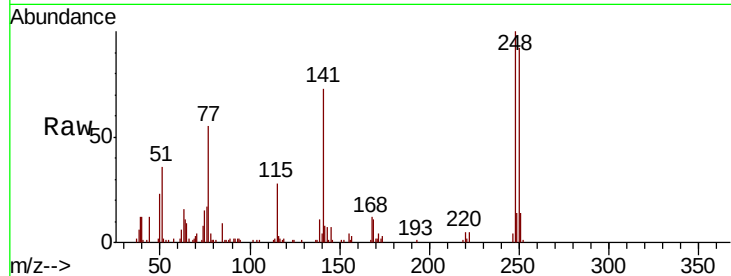
#67
4-Bromophenyl-phenylether
Concen: 8.770 ng
RT: 16.63 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
248	100		
250	92.2	76.4	114.6
141	72.8	53.8	80.8

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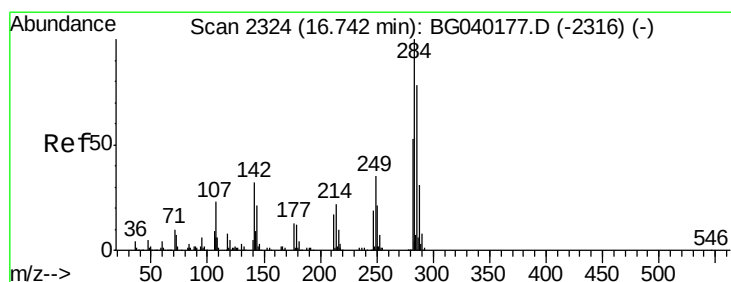
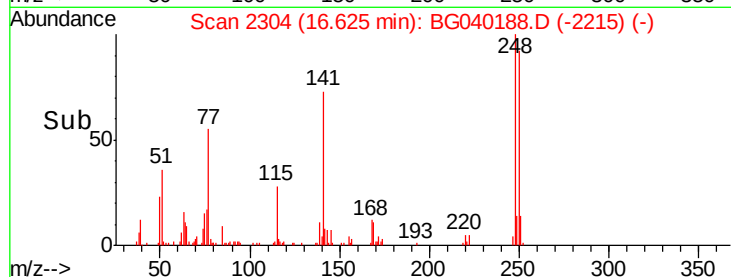
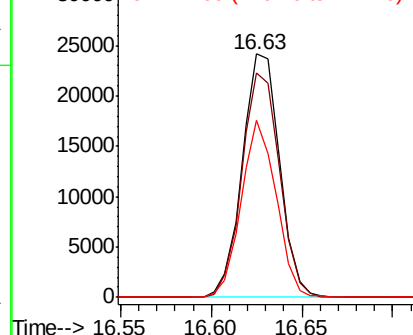


Abundance

Ion 248.00 (247.70 to 248.70): E

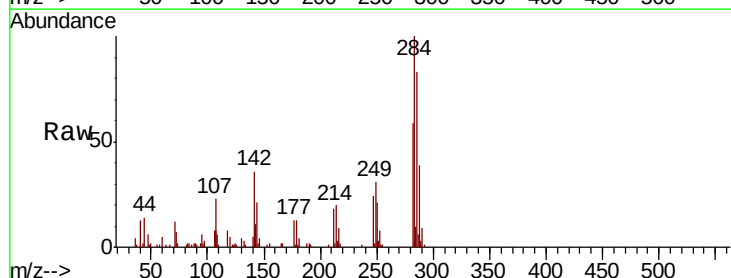
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 8.780 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.8	25.3	37.9
249	31.2	28.2	42.2

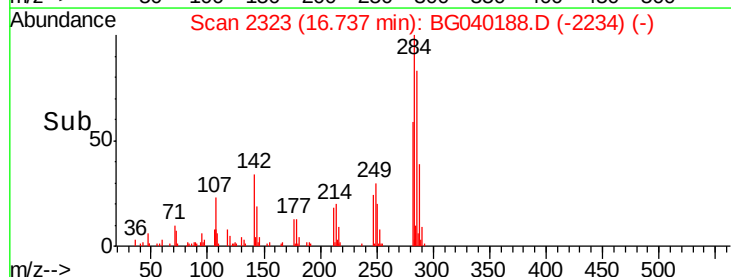
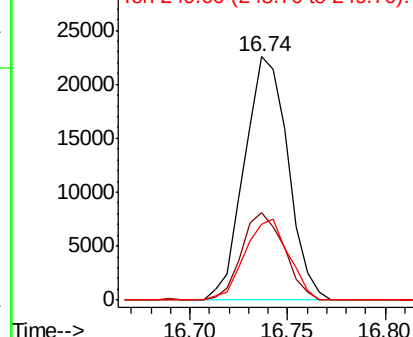


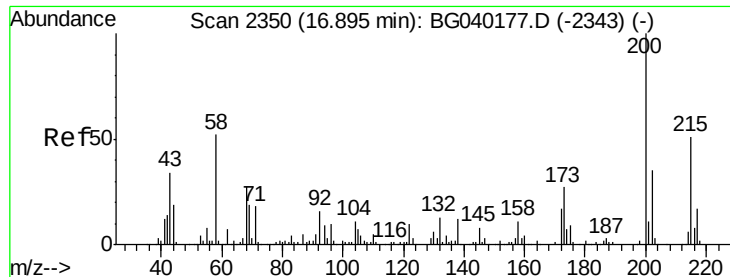
Abundance

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





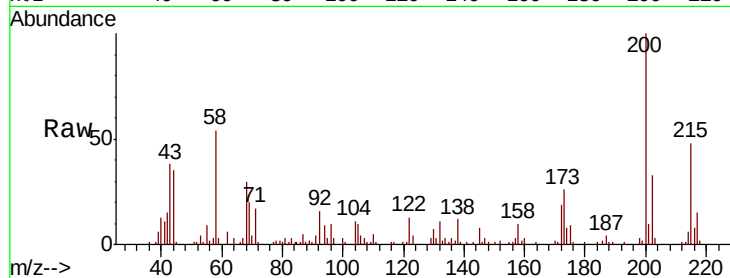
#69
 Atrazine
 Concen: 8.437 ng
 RT: 16.88 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.1	47.1
215	48.0	30.9	70.9

Manual Integrations
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 3/29/2019 4:48:19 PM

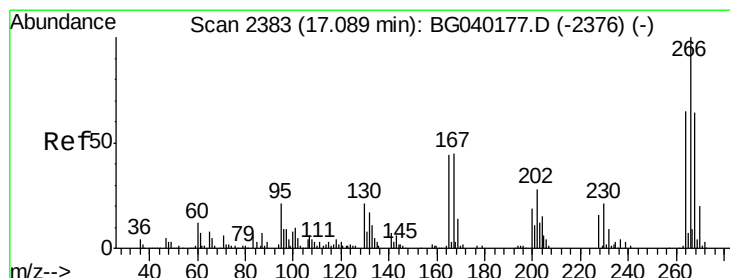
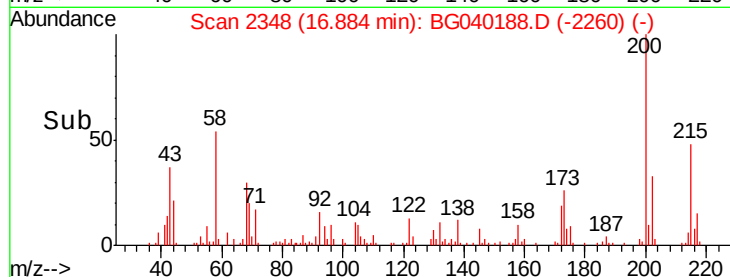
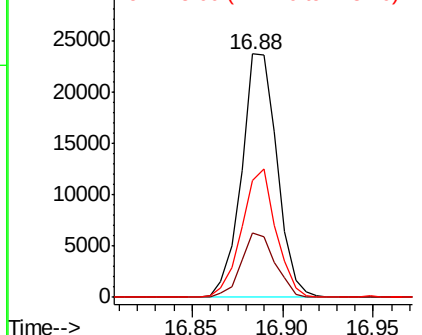


Abundance

Ion 200.00 (199.70 to 200.70): E

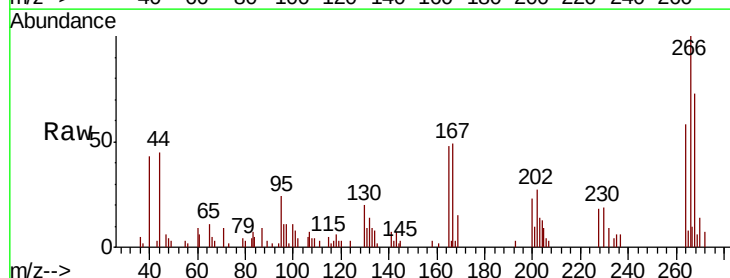
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 6.287 ng
 RT: 17.09 min Scan# 2383
 Delta R.T. 0.00 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
266	100		
268	72.6	55.0	82.4
264	58.3	51.8	77.8

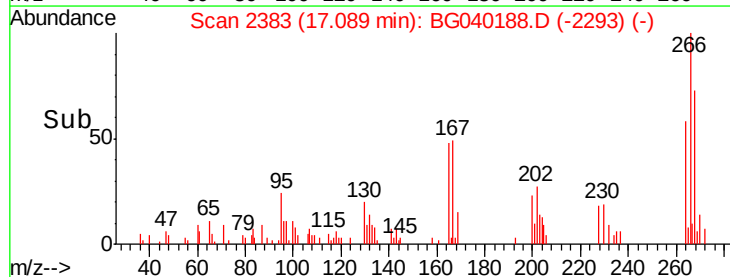
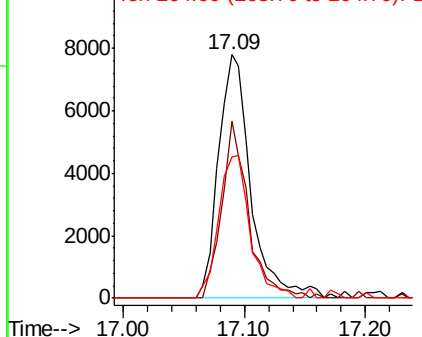


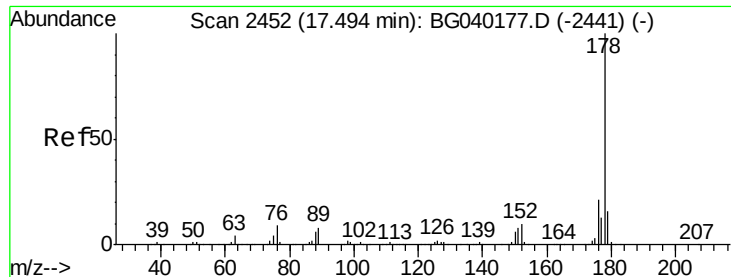
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.108 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

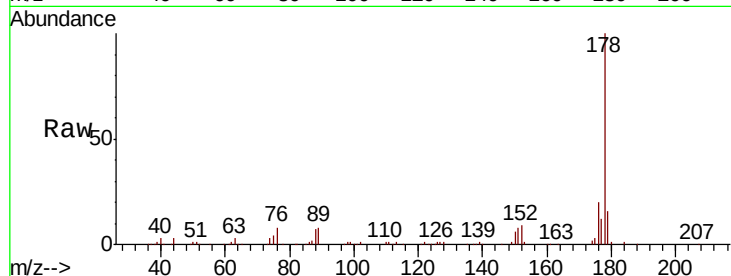
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.7	25.1
179	15.7	12.8	19.2

Manual Integrations
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3/29/2019 4:48:19 PM

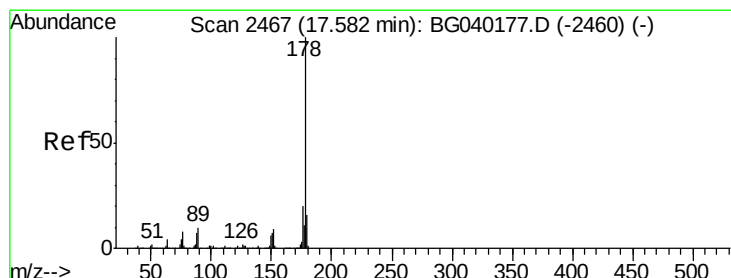
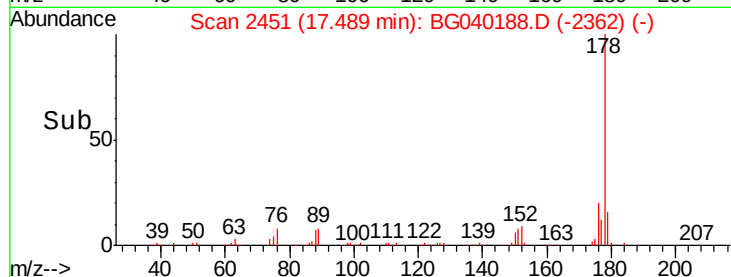
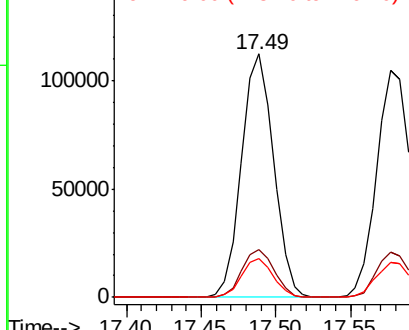


Abundance

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: 8.928 ng

RT: 17.58 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

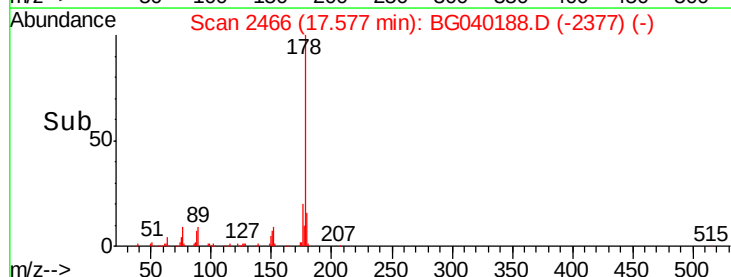
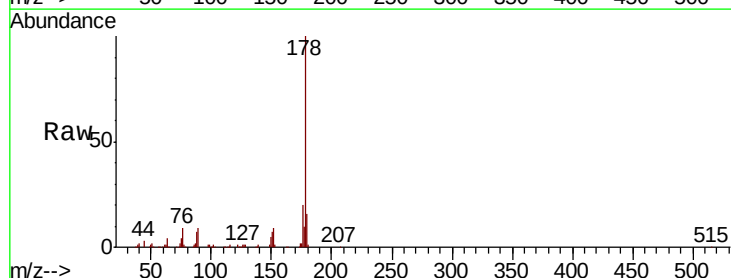
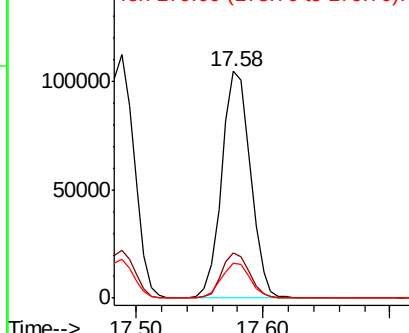
Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.7	12.9	19.3

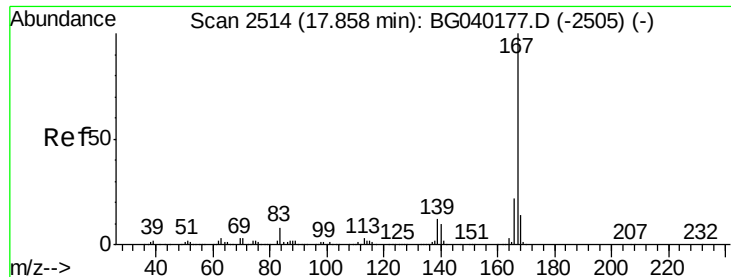
Abundance

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





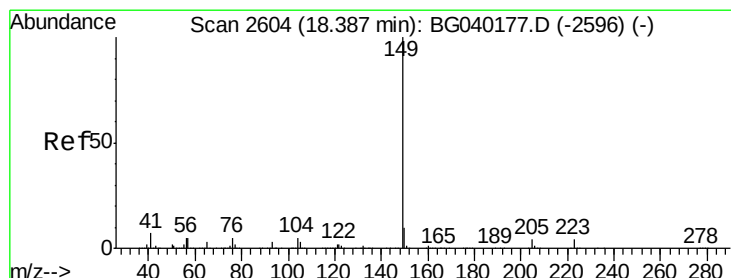
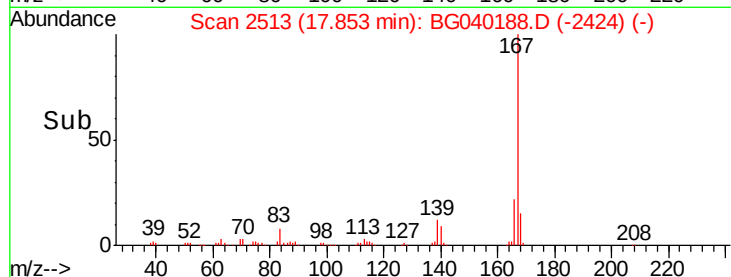
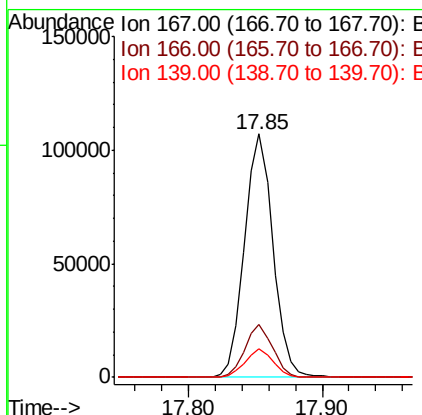
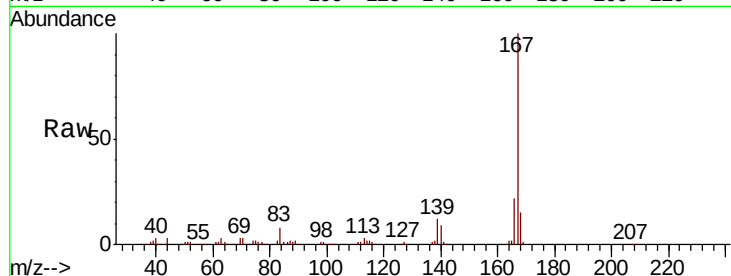
#73
 Carbazole
 Concen: 8.993 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.5	26.3
139	11.7	10.0	15.0

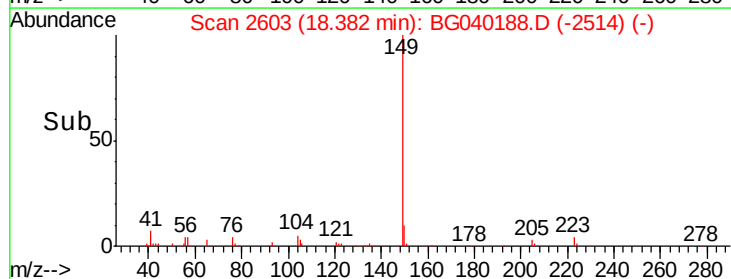
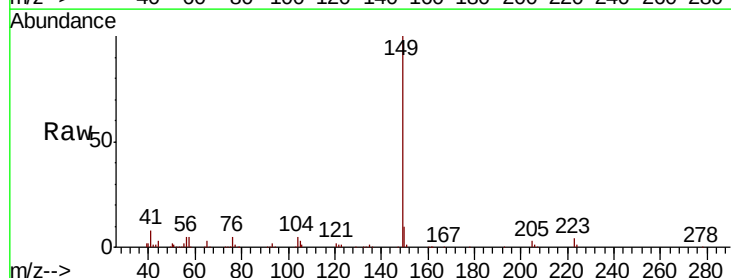
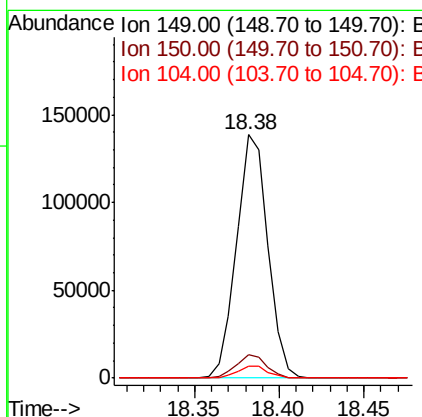
Manual Integrations
 APPROVED

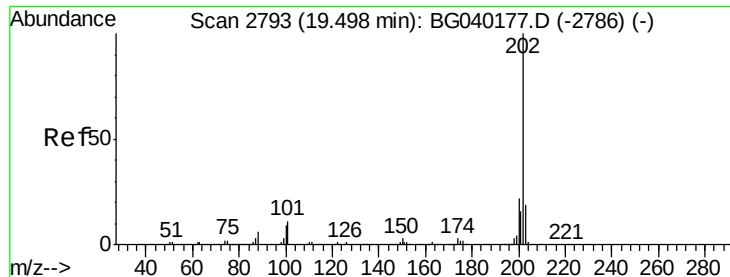
Sohil
 3/29/2019 4:48:19 PM



#74
 Di-n-butylphthalate
 Concen: 8.658 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.01 min
 Lab File: BG040188.D
 Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.9	11.9
104	4.9	4.1	6.1





#75

Fluoranthene

Concen: 9.415 ng

RT: 19.49 min Scan# 2792

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

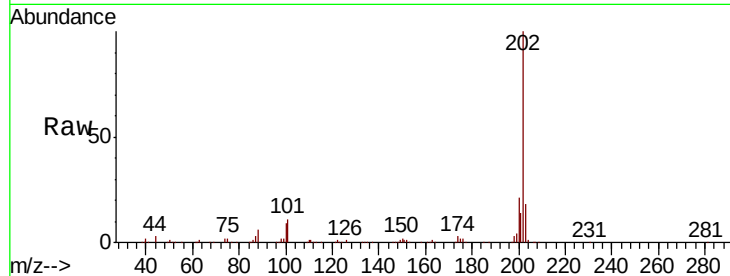
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

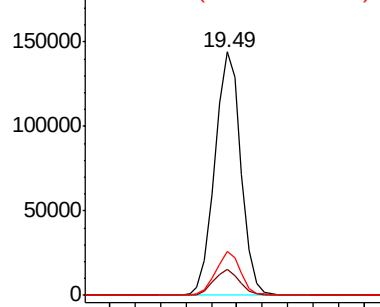
Tot Ion:	202	Resp:	205583
Ion Ratio		Lower	Upper
202	100		
101	10.7	0.0	30.8
203	17.9	0.0	38.9

Manual Integrations
APPROVED

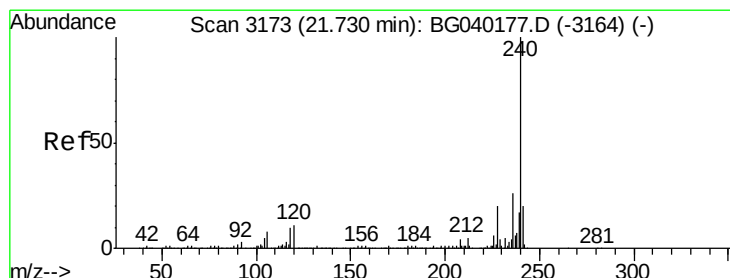
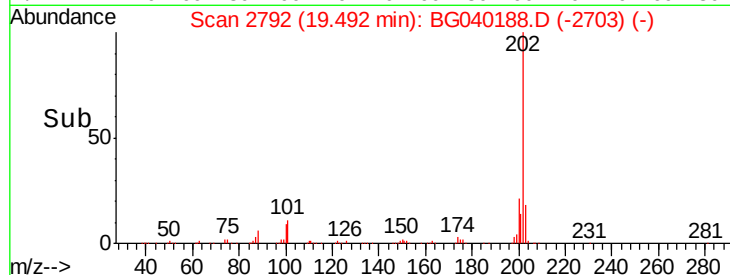
Sohil
3/29/2019 4:48:19 PM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

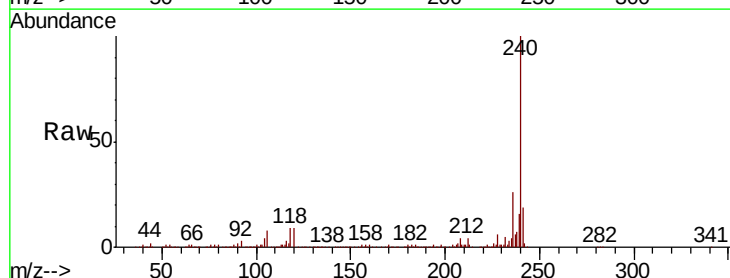
RT: 21.72 min Scan# 3172

Delta R.T. -0.01 min

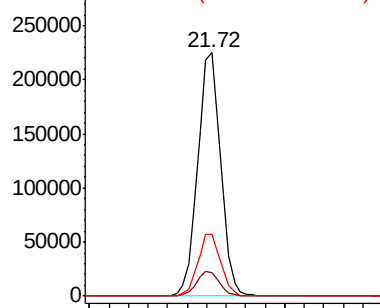
Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

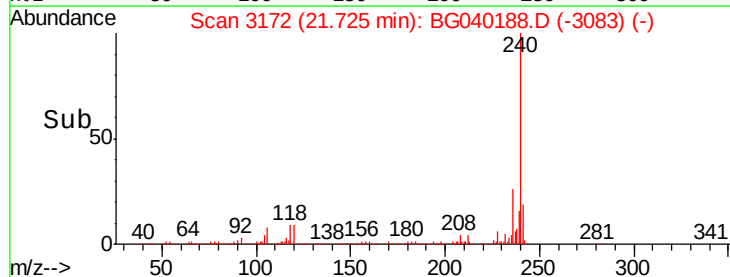
Tgt Ion:	240	Resp:	366987
Ion Ratio		Lower	Upper
240	100		
120	9.4	8.4	12.6
236	25.6	20.8	31.2

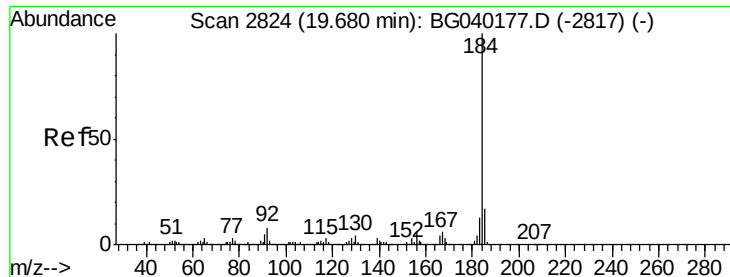


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 6.540 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

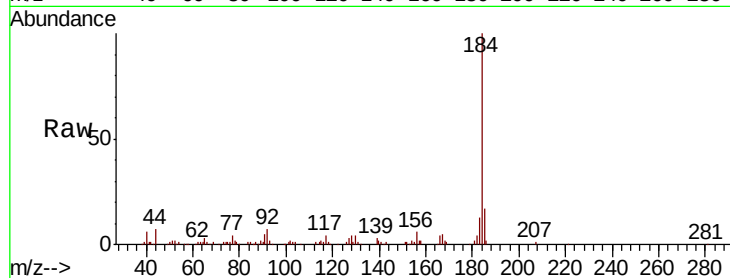
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

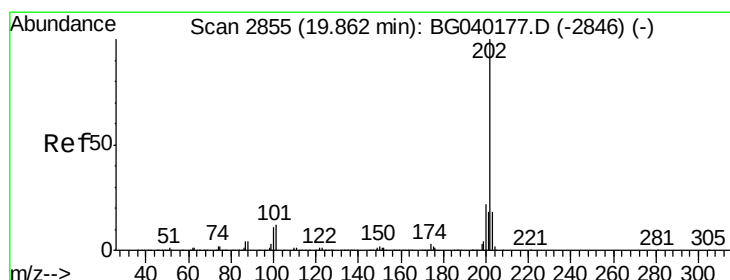
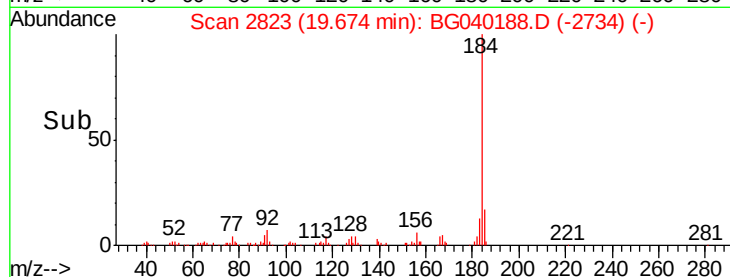
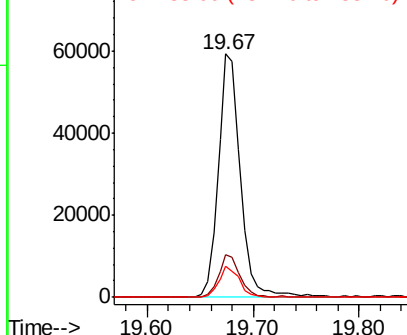
Tot Ion:	184	Resp:	86675
Ion Ratio	Lower	Upper	
184	100		
185	17.4	13.3	19.9
183	12.7	10.3	15.5

Manual Integrations
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.818 ng

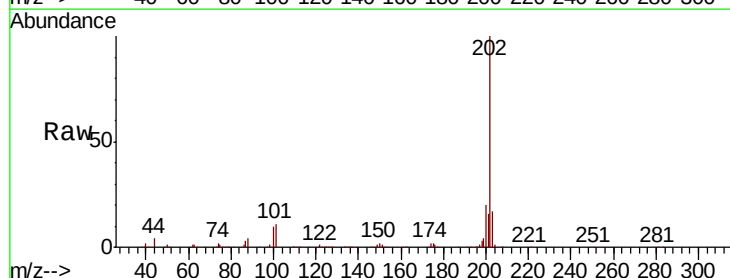
RT: 19.86 min Scan# 2854

Delta R.T. -0.01 min

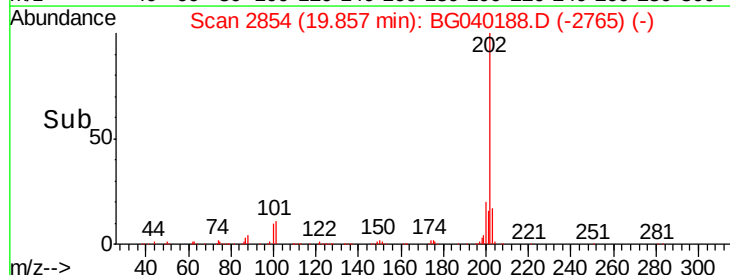
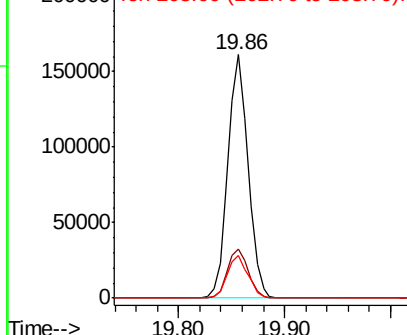
Lab File: BG040188.D

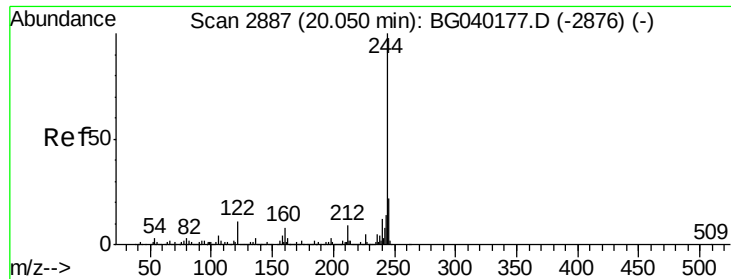
Acq: 28 Mar 2019 1:47

Tgt Ion:	202	Resp:	212820
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.3	25.9
203	17.4	14.6	22.0



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.016 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:244 Resp: 1288989

Ion Ratio Lower Upper

244 100

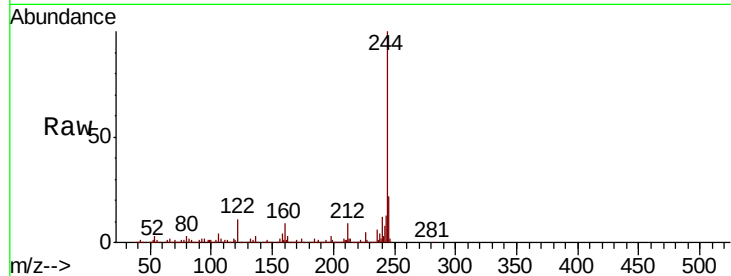
212 8.7 7.0 10.6

122 11.0 8.5 12.7

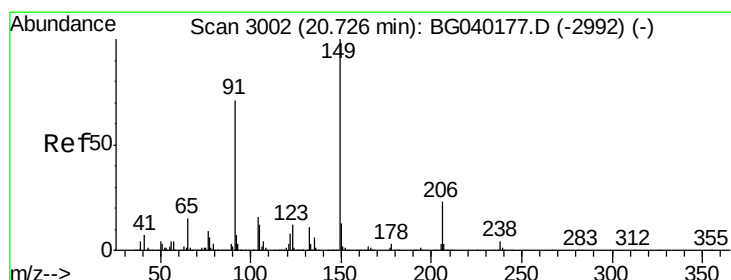
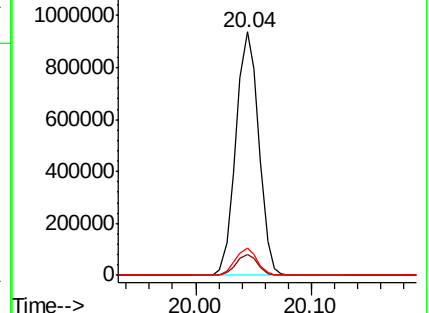
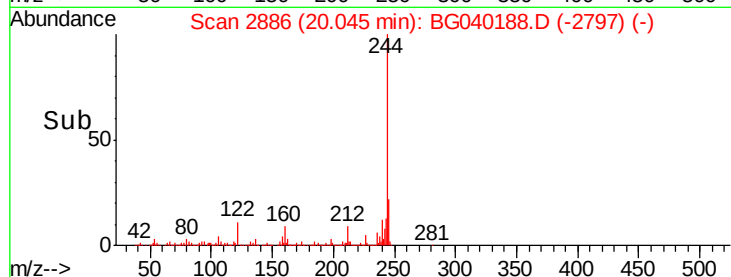
Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.798 ng

RT: 20.73 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

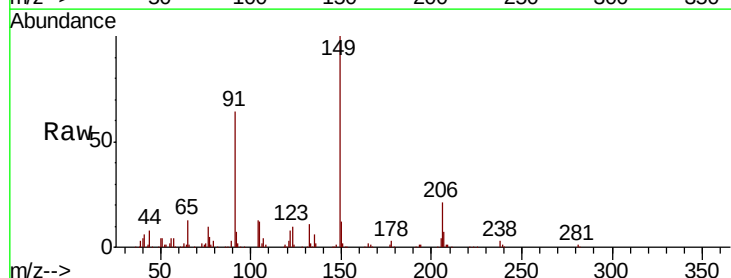
Tgt Ion:149 Resp: 80534

Ion Ratio Lower Upper

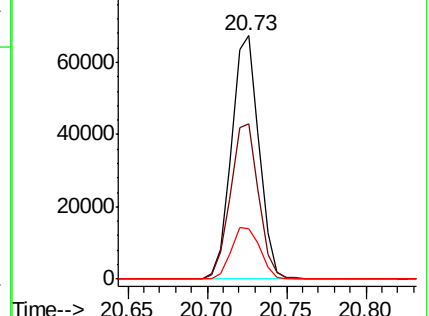
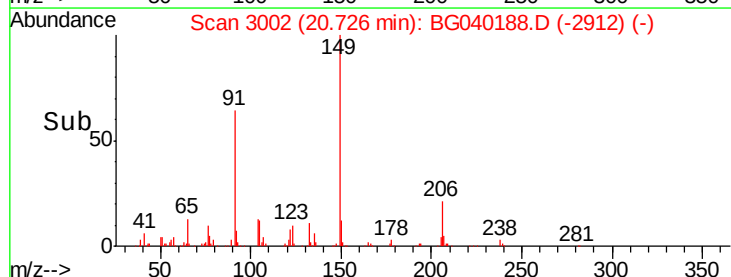
149 100

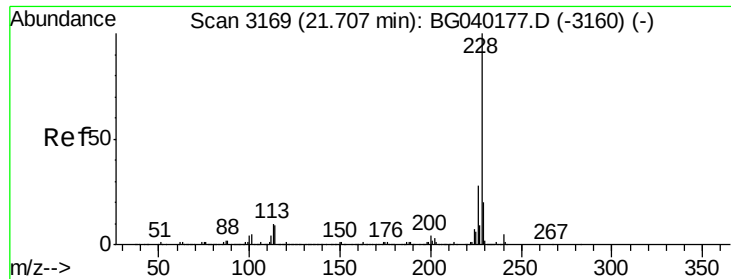
91 63.6 57.0 85.4

206 20.8 18.2 27.4



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





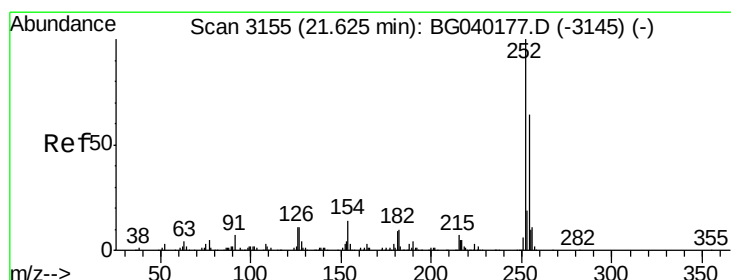
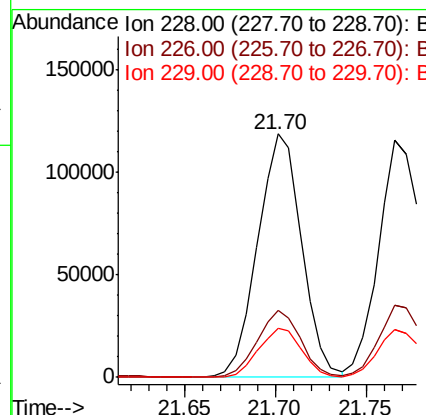
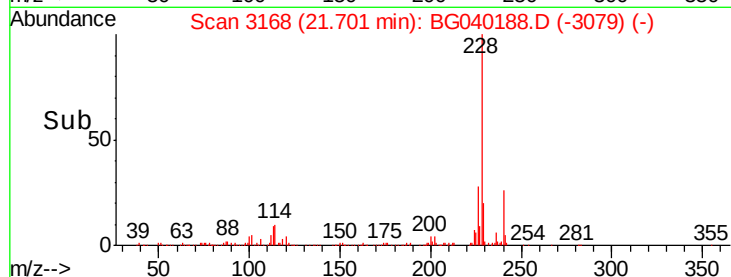
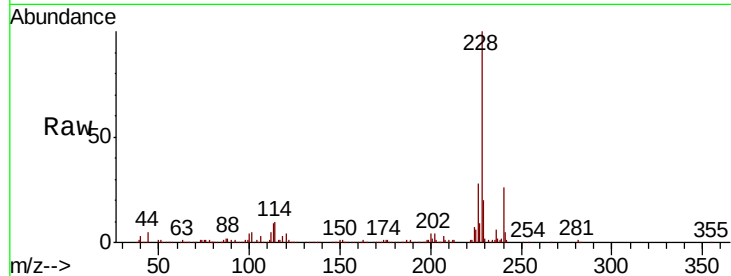
#81
Benzo(a)anthracene
Concen: 8.812 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Resp	Lower	Upper
228	100	199196		
226	27.7		22.6	34.0
229	20.3		16.1	24.1

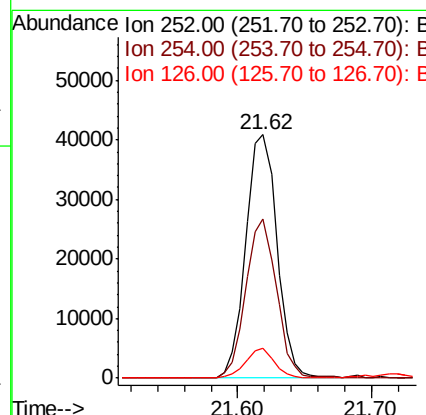
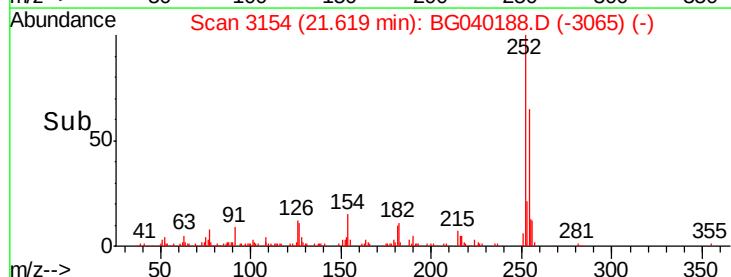
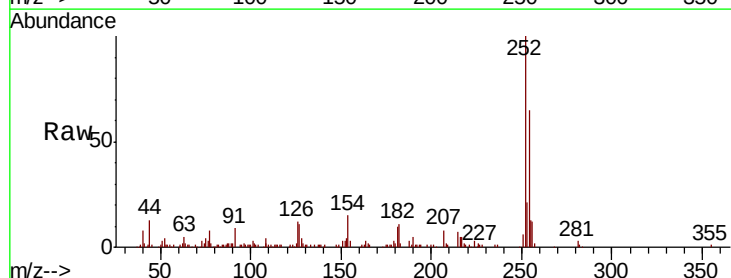
Manual Integrations
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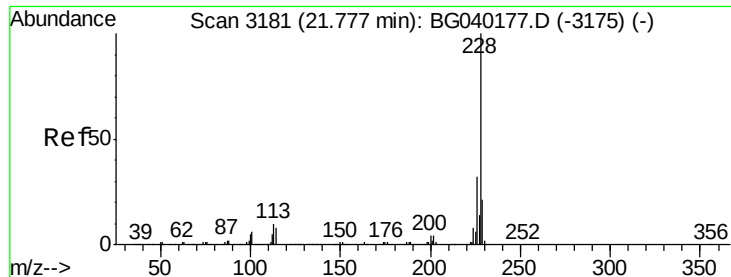
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 7.695 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66164		
254	65.5		51.4	77.2
126	12.1		8.5	12.7





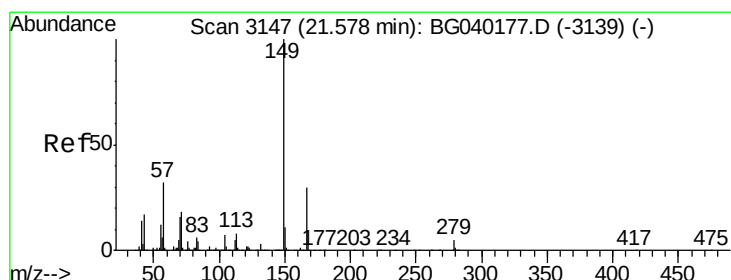
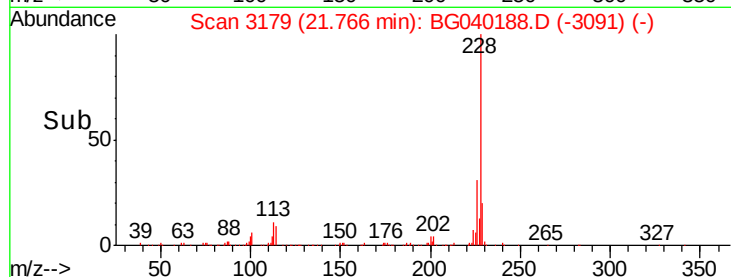
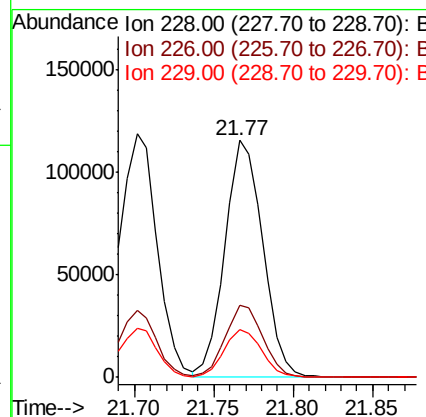
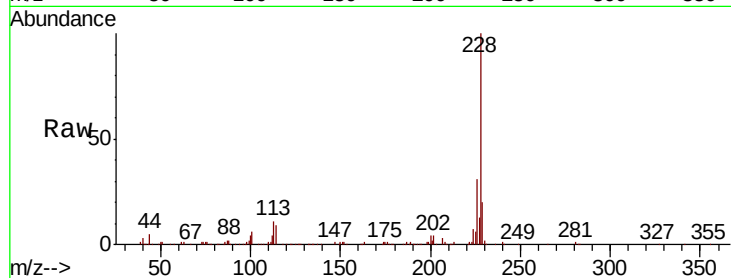
#83
Chrysene
Concen: 8.791 ng
RT: 21.77 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.4	38.0
229	20.4	17.0	25.4

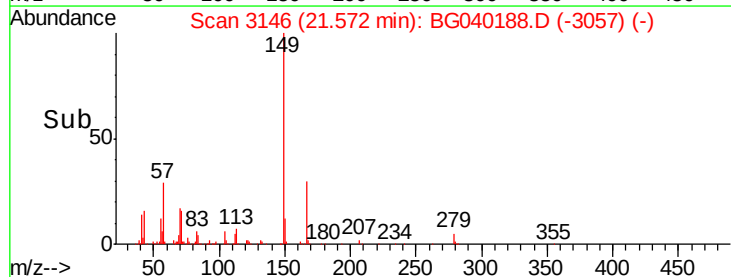
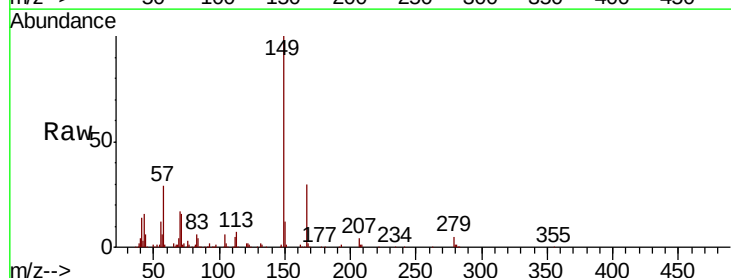
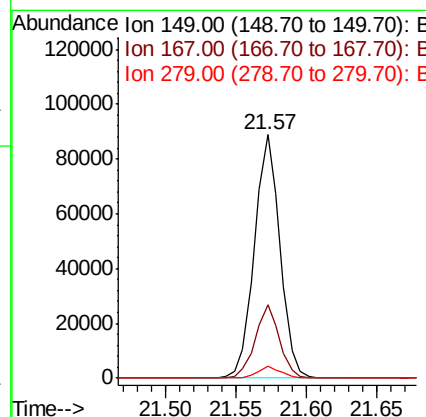
Manual Integrations
APPROVED

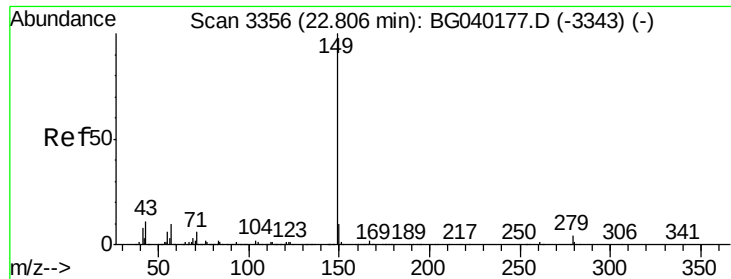
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 7.689 ng
RT: 21.57 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.1	36.1
279	5.1	4.1	6.1





#85

Di-n-octyl phthalate

Concen: 7.734 ng

RT: 22.80 min Scan# 3355

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

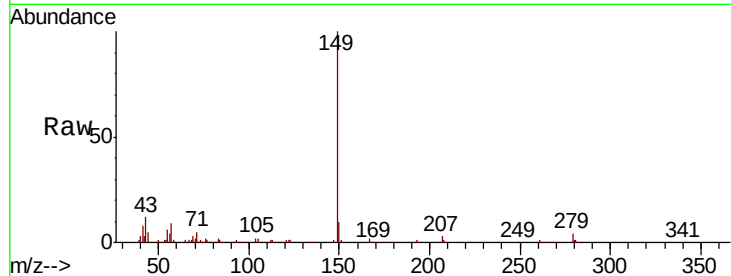
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	149	Resp:	194522
Ion Ratio	Lower	Upper	
149	100		
167	1.9	1.4	2.0
43	11.6	8.7	13.1

Manual Integrations
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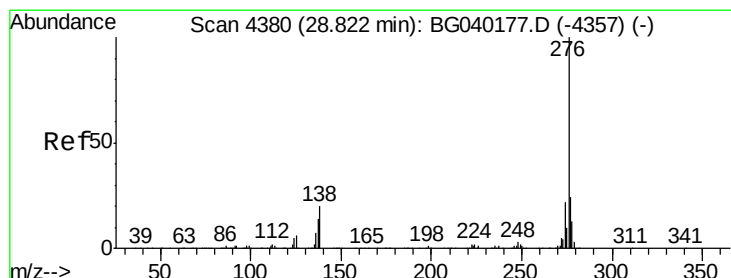
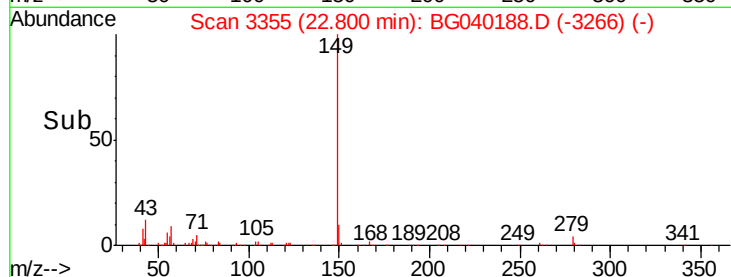
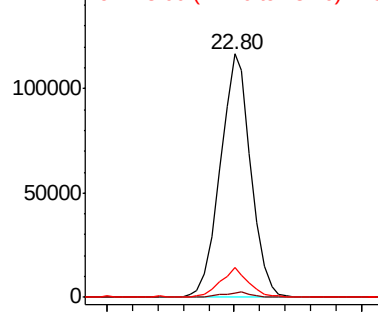


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 7.999 ng

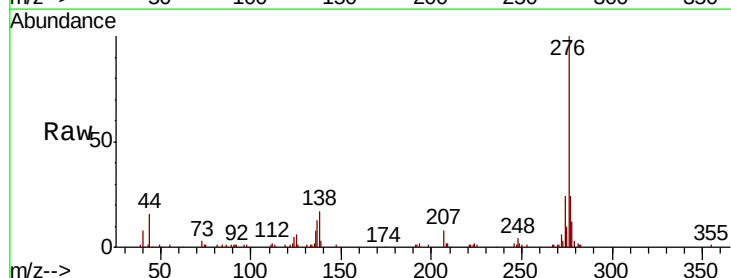
RT: 28.80 min Scan# 4376

Delta R.T. -0.02 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	276	Resp:	212530
Ion Ratio	Lower	Upper	
276	100		
138	9.0	18.8	28.2#
277	26.0	21.0	31.4

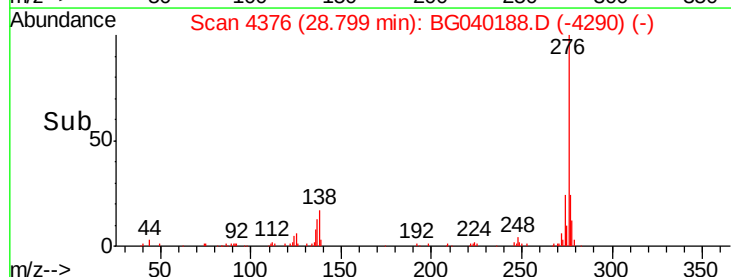
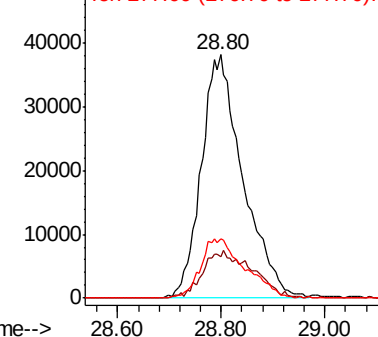


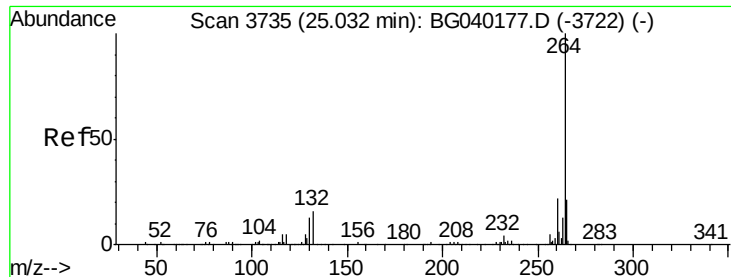
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Instrument :

BNA_G

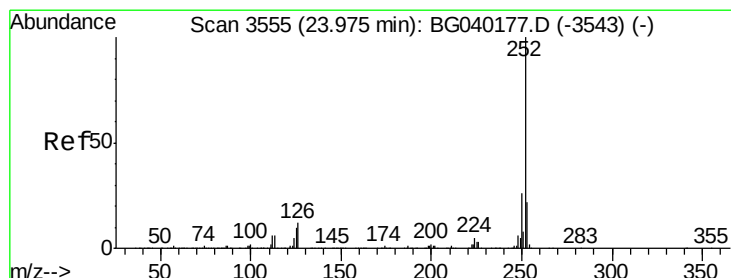
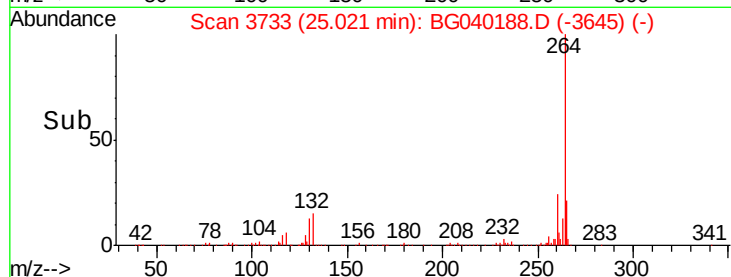
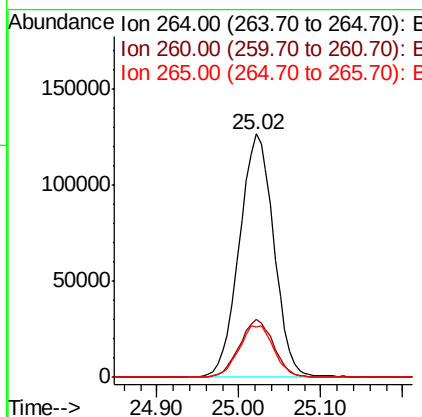
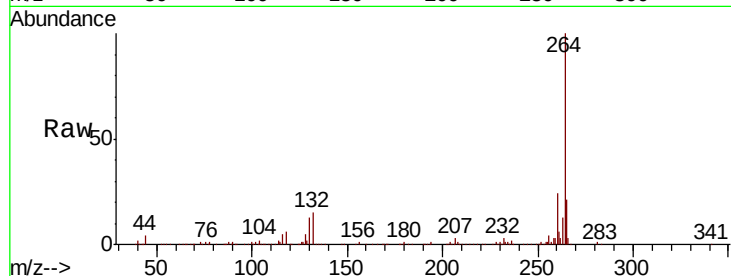
ClientSampleId :

LOD-MDL-WATER-01-QT1-2019

Tot Ion:	264	Resp:	371431
Ion Ratio	Lower	Upper	
264	100		
260	23.8	17.9	26.9
265	20.8	16.8	25.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 8.905 ng

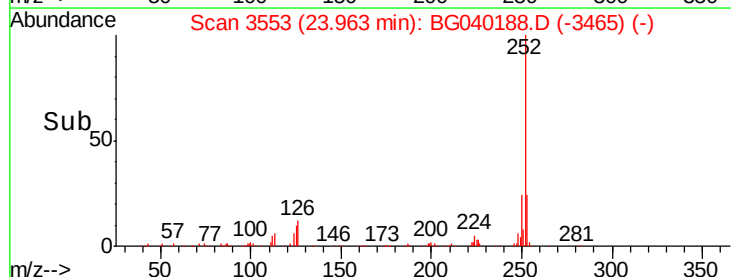
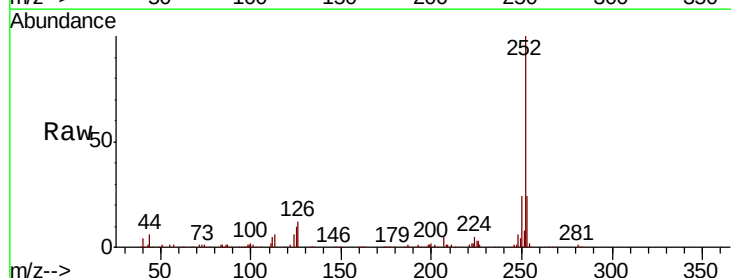
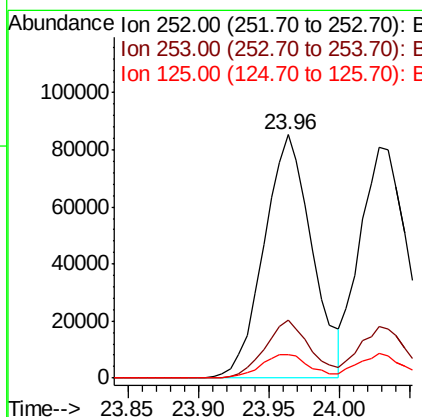
RT: 23.96 min Scan# 3553

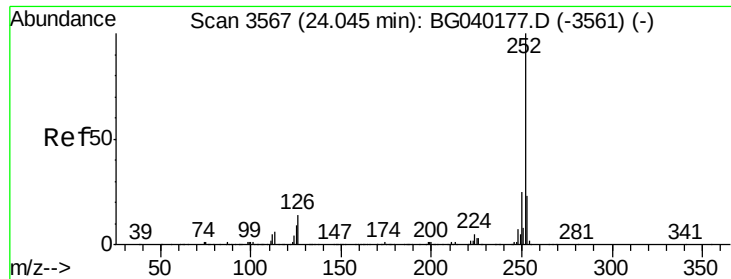
Delta R.T. -0.01 min

Lab File: BG040188.D

Acq: 28 Mar 2019 1:47

Tgt Ion:	252	Resp:	202505
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.6	26.4
125	9.7	8.2	12.4





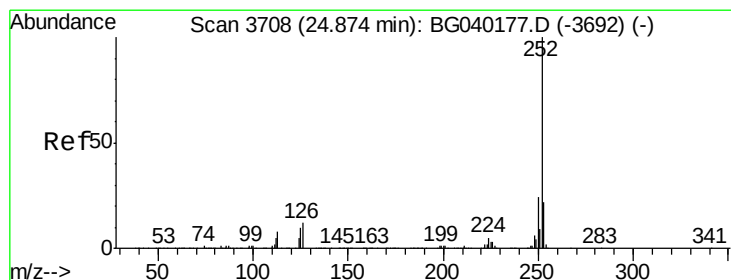
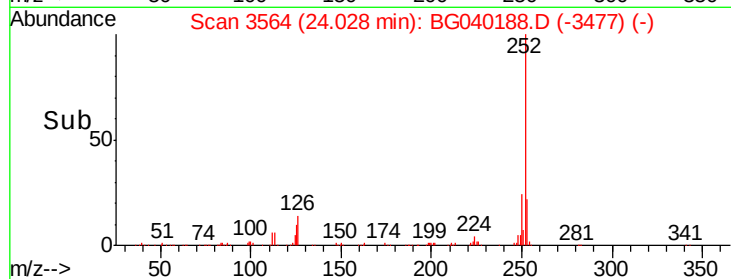
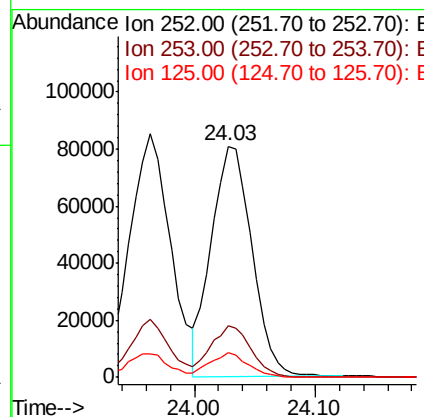
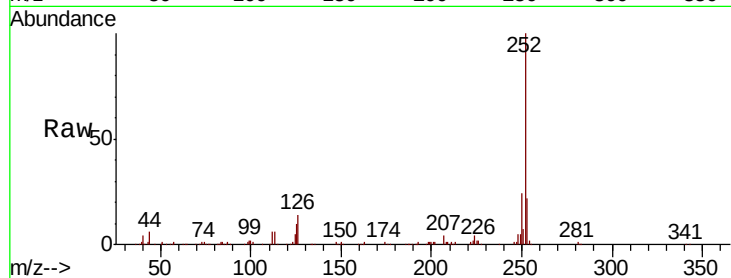
#89
Benzo(k)fluoranthene
Concen: 9.025 ng
RT: 24.03 min Scan# 3564
Delta R.T. -0.02 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	10.4	7.3	10.9

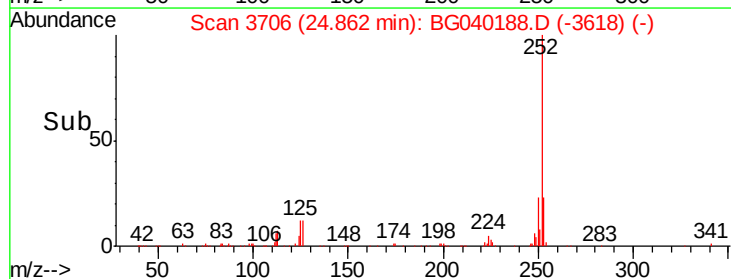
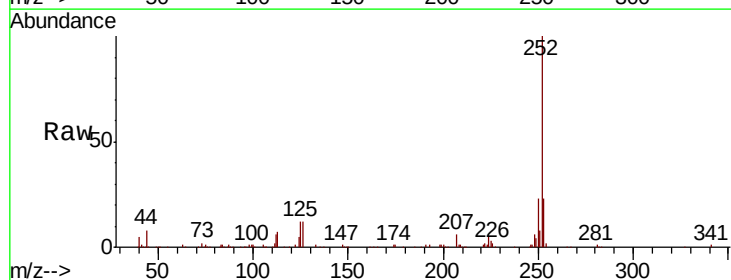
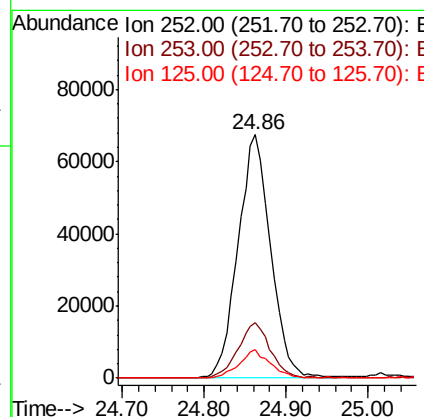
Manual Integrations
APPROVED

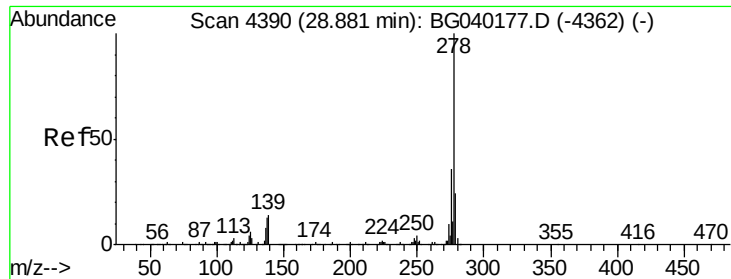
Sohil
3/29/2019 4:48:19 PM



#90
Benzo(a)pyrene
Concen: 8.774 ng
RT: 24.86 min Scan# 3706
Delta R.T. -0.01 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.8	8.3	12.5





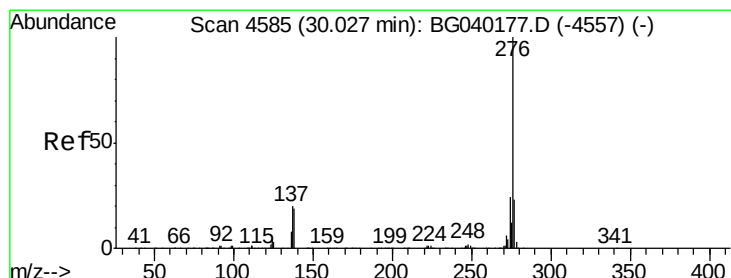
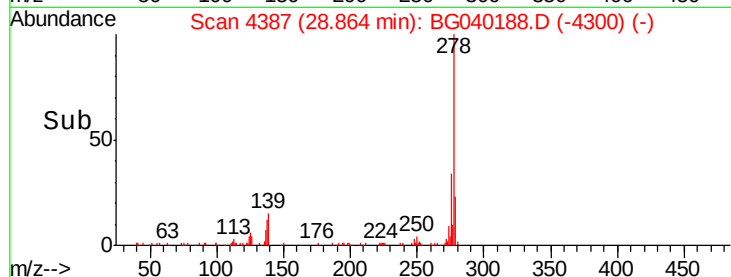
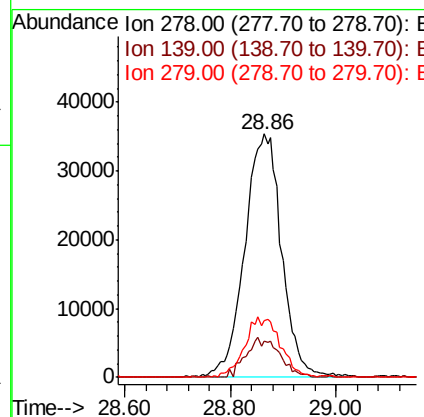
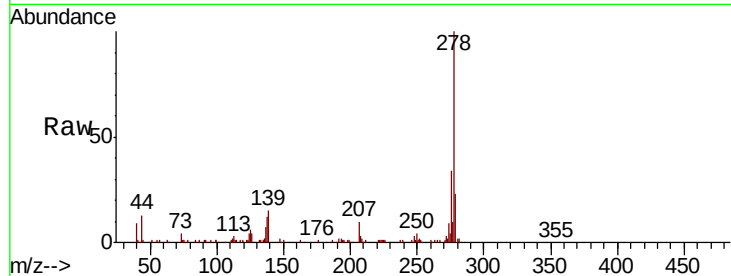
#91
Dibenzo(a,h)anthracene
Concen: 8.639 ng
RT: 28.86 min Scan# 4387
Delta R.T. -0.02 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2019

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.2	16.8
279	23.2	18.9	28.3

Manual Integrations
APPROVED

Sohil
3/29/2019 4:48:19 PM



#92
Benzo(g,h,i)perylene
Concen: 8.484 ng
RT: 29.98 min Scan# 4577
Delta R.T. -0.05 min
Lab File: BG040188.D
Acq: 28 Mar 2019 1:47

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.5	18.6	28.0
138	19.2	15.2	22.8

