

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020618\
 Data File : BG032573.D
 Acq On : 6 Feb 2018 19:40
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-W-1 ppm
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Manual Integrations
 APPROVED

Sohil
 2/7/2018 4:14:37 PM

Quant Time: Feb 07 14:19:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 06 18:57:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	16540	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	53884	20.00	ng	0.00
38) Acenaphthene-d10	15.34	164	47504	20.00	ng	0.00
63) Phenanthrene-d10	18.07	188	120863	20.00	ng	0.00
75) Chrysene-d12	22.40	240	157199	20.00	ng	0.00
86) Perylene-d12	26.06	264	180574	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	95551	116.03	ng	0.00
7) Phenol-d6	7.83	99	113488	103.28	ng	0.00
23) Nitrobenzene-d5	9.91	82	58154	67.41	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	107297	118.66	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	302725	75.74	ng	0.00
78) Terphenyl-d14	20.61	244	619655	84.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	314	1.133	ng	# 49
3) Pyridine	4.28	79	343	0.458	ng	# 74
6) Aniline	8.00	93	829	0.605	ng	# 71
8) 2-Chlorophenol	8.26	128	1560	1.603	ng	# 90
9) Benzaldehyde	7.83	77	833	1.468	ng	# 80
10) Phenol	7.84	94	1634	1.566	ng	# 3
11) bis(2-Chloroethyl)ether	8.10	93	1290	1.622	ng	# 55
12) 1,3-Dichlorobenzene	8.60	146	2207	1.677	ng	# 74
13) 1,4-Dichlorobenzene	8.74	146	1736	1.316	ng	# 89
14) 1,2-Dichlorobenzene	9.07	146	1530m	1.184	ng	#
15) Benzyl Alcohol	8.95	79	332	0.367	ng	# 61
16) 2,2'-oxybis(1-Chloropropan	9.24	45	772	1.025	ng	# 75
17) 2-Methylphenol	9.16	107	488	0.576	ng	# 44
18) Hexachloroethane	9.82	117	179	0.404	ng	# 70
19) n-Nitroso-di-n-propylamine	9.51	70	408	0.560	ng	# 86
20) 3+4-Methylphenols	9.50	107	571	0.480	ng	# 67
22) Acetophenone	9.55	105	864	0.684	ng	# 80
24) Nitrobenzene	9.95	77	1287m	1.543	ng	#
25) Isophorone	10.47	82	2412	1.642	ng	# 82
26) 2-Nitrophenol	10.68	139	268	0.531	ng	# 29
27) 2,4-Dimethylphenol	10.72	122	461	0.637	ng	# 81
28) bis(2-Chloroethoxy)methane	10.98	93	663m	0.823	ng	#
29) 2,4-Dichlorophenol	11.24	162	811m	0.846	ng	#
30) 1,2,4-Trichlorobenzene	11.44	180	1729	1.353	ng	# 94
31) Naphthalene	11.65	128	4602	1.749	ng	# 93
32) Benzoic acid	10.85	122	57	7.373	ng	# 1
33) 4-Chloroaniline	11.75	127	184	0.157	ng	# 46
34) Hexachlorobutadiene	11.90	225	1632	1.641	ng	# 87
35) Caprolactam	12.45	113	127	0.461	ng	# 1
36) 4-Chloro-3-methylphenol	12.82	107	841	0.925	ng	# 53
37) 2-Methylnaphthalene	13.20	142	4562	2.063	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	13.55	216	3252	1.463	ng	# 85
40) Hexachlorocyclopentadiene	13.53	237	1116	0.804	ng	# 67
42) 2,4,6-Trichlorophenol	13.79	196	1255	1.038	ng	# 70

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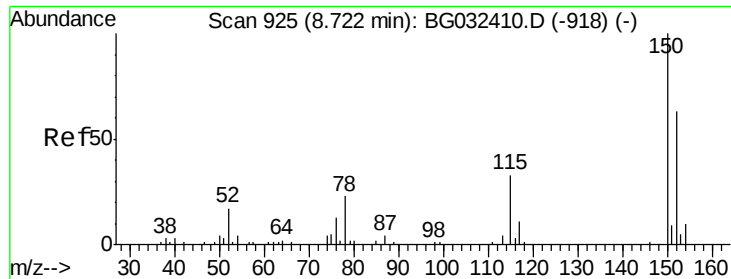
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.87	196	1500	1.064	nq	# 71
45) 1,1'-Biphenyl	14.18	154	5774	1.439	nq	89
46) 2-Chloronaphthalene	14.23	162	4222	1.342	nq	# 89
47) 2-Nitroaniline	14.44	65	713	1.025	nq	# 88
48) Acenaphthylene	15.06	152	7165	1.507	nq	# 91
49) Dimethylphthalate	14.77	163	5457	1.246	nq	# 92
50) 2,6-Dinitrotoluene	14.90	165	897	0.976	nq	# 60
51) Acenaphthene	15.39	154	5305	1.609	nq	# 64
52) 3-Nitroaniline	15.25	138	375	0.467	nq	# 42
54) Dibenzofuran	15.73	168	7431	1.522	nq	# 95
56) 2,4-Dinitrotoluene	15.68	165	1557	1.190	nq	# 47
57) Fluorene	16.38	166	5663	1.396	nq	# 93
58) 2,3,4,6-Tetrachlorophenol	15.96	232	1475m	1.061	nq	
59) Diethylphthalate	16.10	149	6090	1.428	nq	# 97
60) 4-Chlorophenyl-phenylether	16.35	204	4376	1.711	nq	# 78
61) 4-Nitroaniline	16.40	138	373	0.433	nq	# 41
62) Azobenzene	16.65	77	3035	1.190	nq	# 68
65) n-Nitrosodiphenylamine	16.57	169	4689	1.300	nq	# 90
66) 4-Bromophenyl-phenylether	17.26	248	2497	1.395	nq	# 82
67) Hexachlorobenzene	17.37	284	3310	1.670	nq	# 88
68) Atrazine	17.49	200	2063	1.332	nq	90
69) Pentachlorophenol	17.72	266	690	0.556	nq	# 69
70) Phenanthrene	18.11	178	11033	1.637	nq	94
71) Anthracene	18.21	178	10680m	1.591	nq	
72) Carbazole	18.47	167	8623	1.454	nq	94
73) Di-n-butylphthalate	18.97	149	8052	1.226	nq	99
74) Fluoranthene	20.08	202	15480	1.751	nq	96
76) Benzidine	20.26	184	909m	0.294	nq	
77) Pvrene	20.44	202	15292m	1.586	nq	
79) Butylbenzylphthalate	21.30	149	4398	1.446	nq	# 76
80) Benzo(a)anthracene	22.38	228	16046	1.647	nq	93
81) 3,3'-Dichlorobenzidine	22.27	252	4378	1.159	nq	# 92
82) Chrysene	22.45	228	16149	1.716	nq	94
83) Bis(2-ethylhexyl)phthalate	22.22	149	7017	1.627	nq	# 93
84) Di-n-octyl phthalate	23.58	149	11131	1.627	nq	# 88
85) Indeno(1,2,3-cd)pyrene	30.32	276	20342m	1.709	nq	
87) Benzo(b)fluoranthene	24.89	252	16587	1.520	nq	98
88) Benzo(k)fluoranthene	24.96	252	18101m	1.675	nq	
89) Benzo(a)pyrene	25.88	252	15204	1.462	nq	99
90) Dibenzo(a,h)anthracene	30.37	278	15702	1.476	nq	# 84
91) Benzo(g,h,i)perylene	31.62	276	17455m	1.653	nq	

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



#1

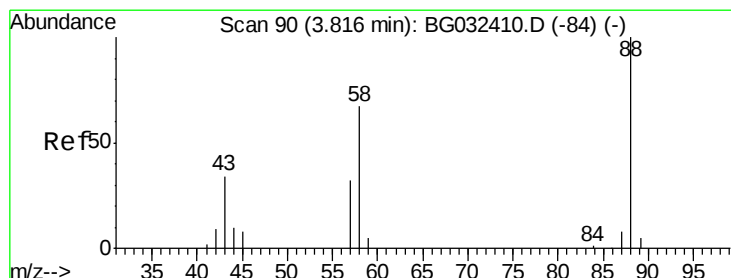
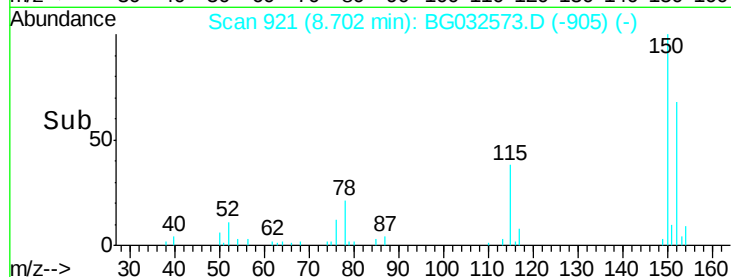
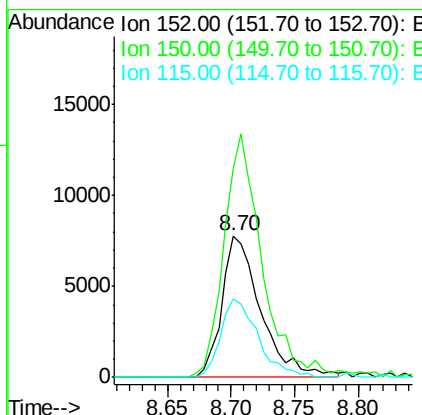
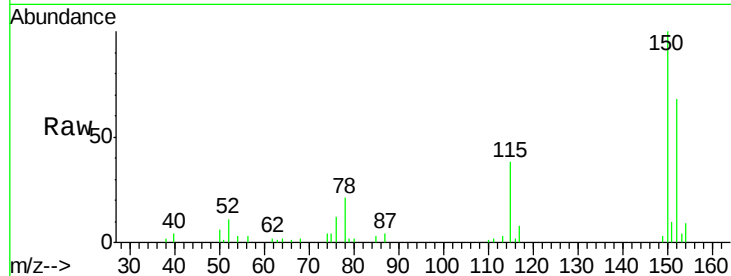
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.70 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.5	126.6	189.8
115	55.4	53.0	79.4

Manual Integrations
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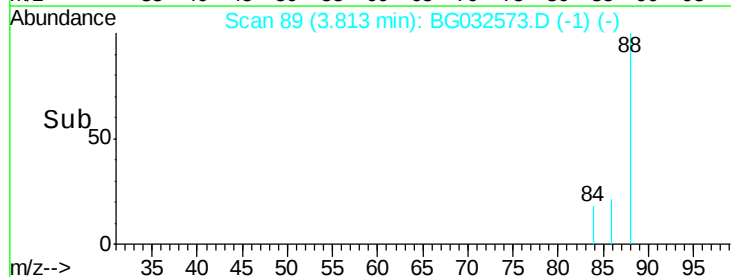
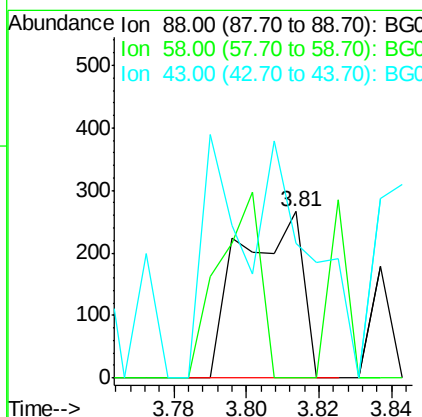
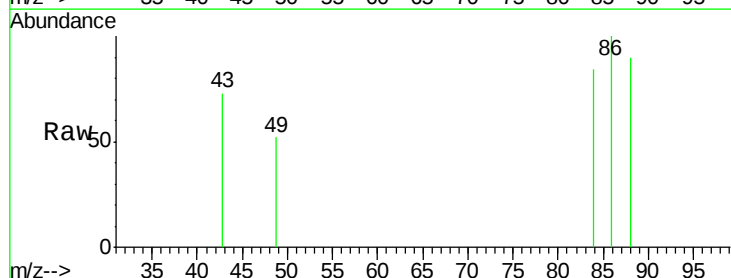
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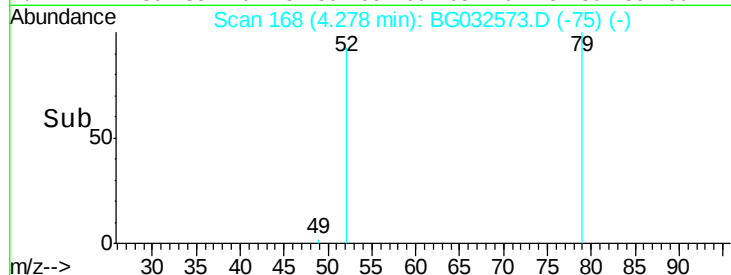
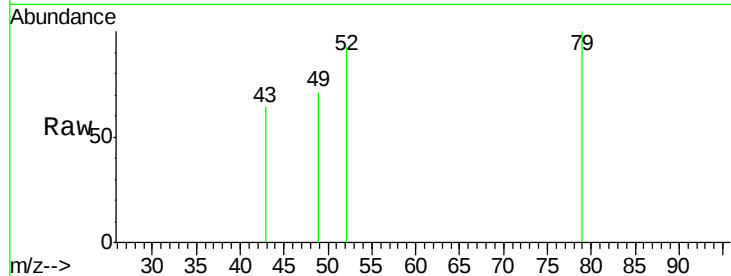
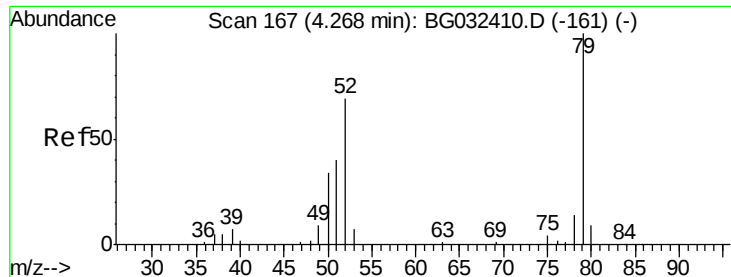


#2

1,4-Dioxane
 Concen: 1.133 ng
 RT: 3.81 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.8	79.6	119.4#
43	108.9	27.4	41.0#





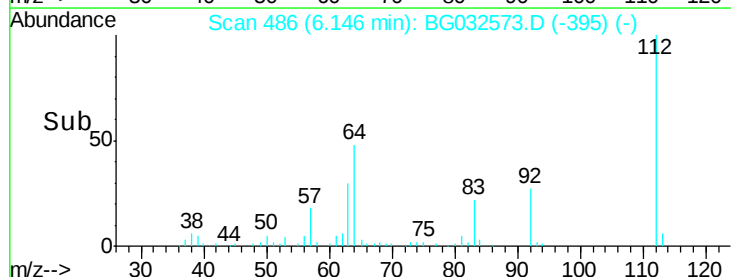
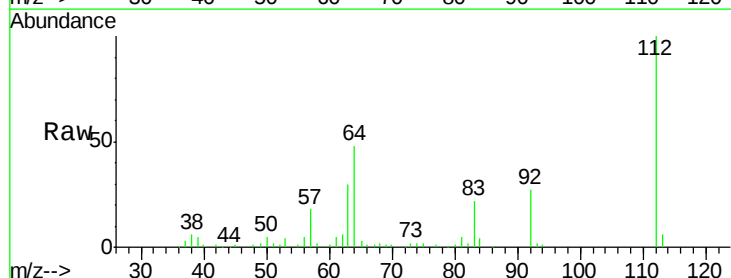
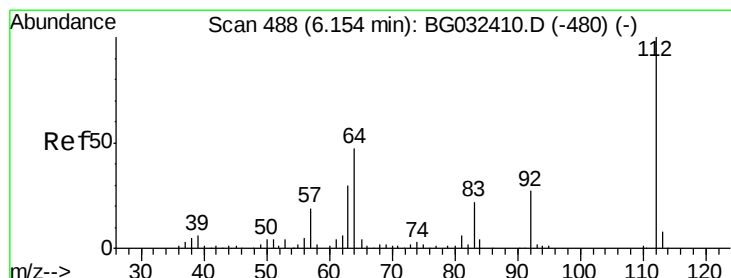
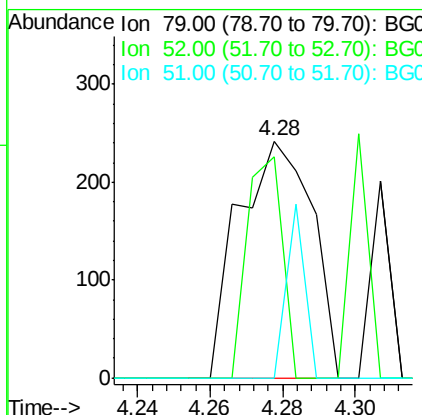
#3
Pvridine
Concen: 0.458 ng
RT: 4.28 min Scan# 168
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tot Ion	Ratio	Lower	Upper
79	100		
52	93.4	69.9	104.9
51	0.0	34.0	51.0#

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

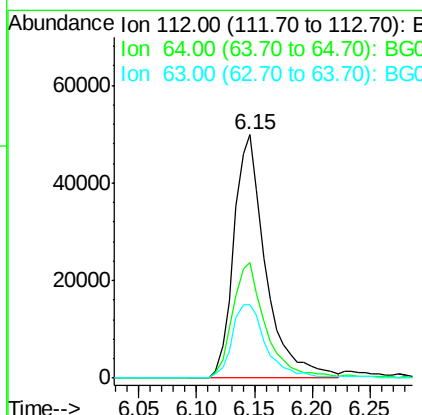
Manual Integrations
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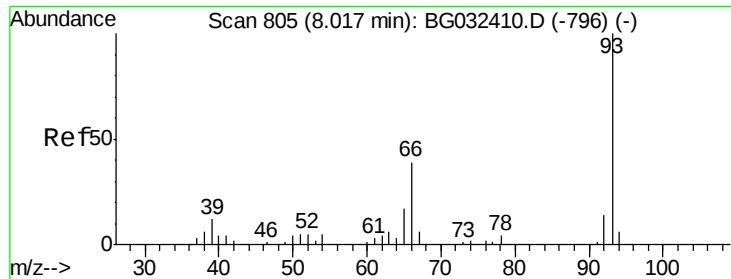
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#5
2-Fluorophenol
Concen: 116.034 ng
RT: 6.15 min Scan# 486
Delta R.T. 0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.5	56.3	84.5#
63	30.0	30.1	45.1#





#6

Aniline

Concen: 0.605 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

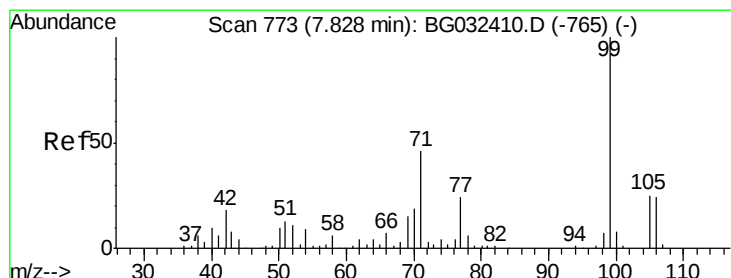
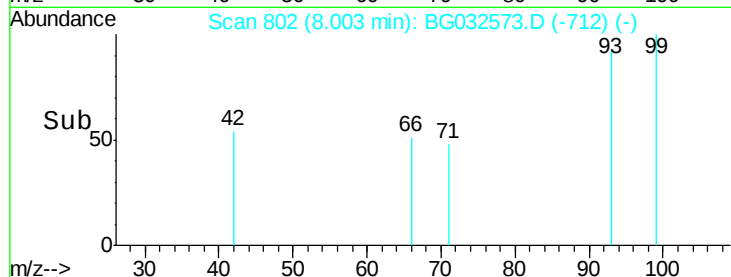
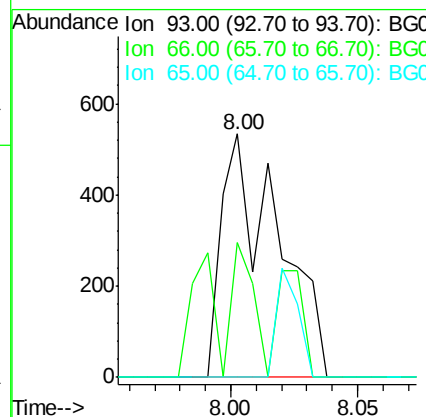
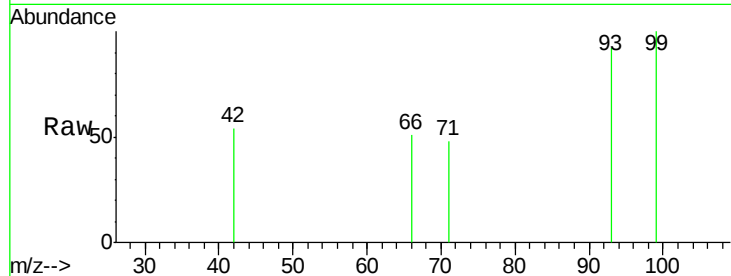
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	93	Resp:	829
Ion	Ratio	Lower	Upper
93	100		
66	55.6	33.7	50.5#
65	0.0	16.1	24.1#

Manual Integrations
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#7

Phenol-d6

Concen: 103.278 ng

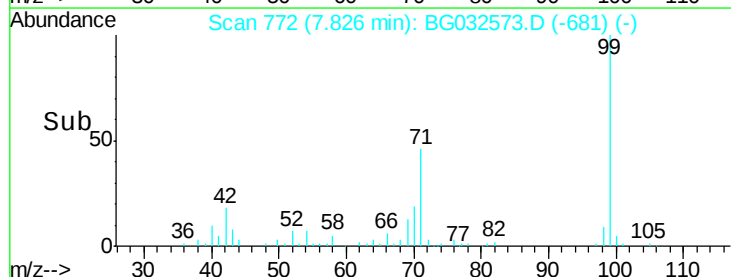
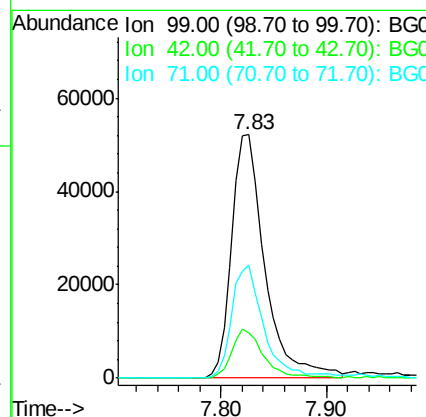
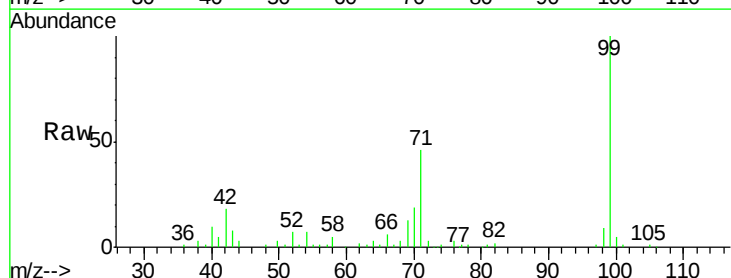
RT: 7.83 min Scan# 772

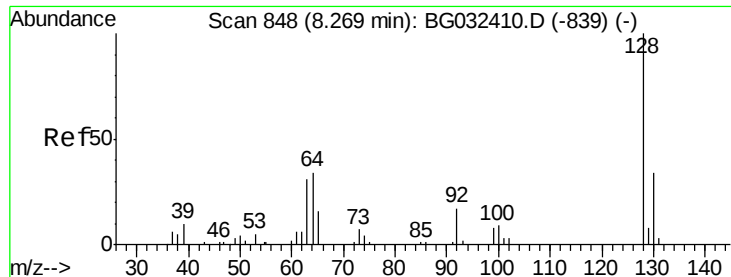
Delta R.T. 0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	99	Resp:	113488
Ion	Ratio	Lower	Upper
99	100		
42	18.4	14.1	21.1
71	46.3	26.1	39.1#





#8

2-Chlorophenol

Concen: 1.603 ng

RT: 8.26 min Scan# 845

Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

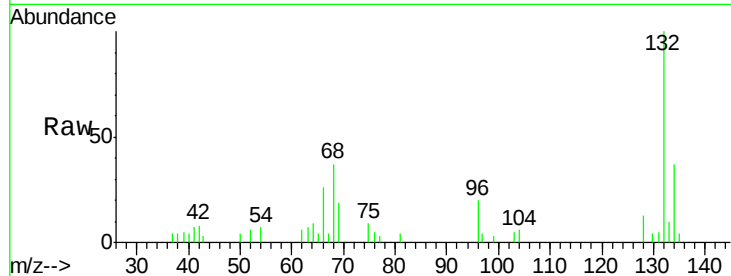
ClientSampleId :

MDL-WATER-03-QT1-2018

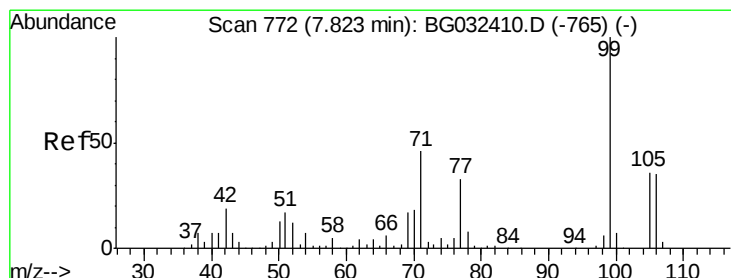
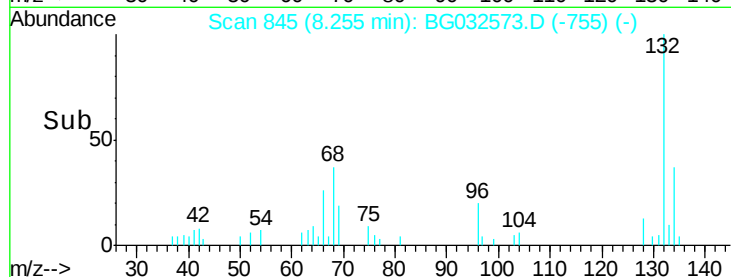
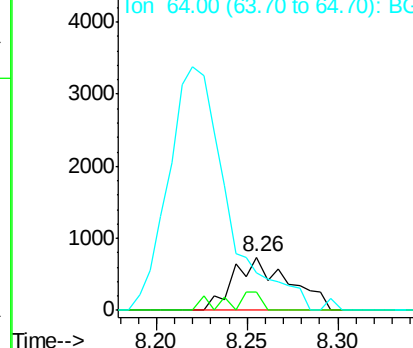
Tot Ion:	128	Resp:	1560
Ion	Ratio	Lower	Upper
128	100		
130	33.5	14.0	54.0
64	69.6	37.7	77.7

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



#9

Benzaldehyde

Concen: 1.468 ng

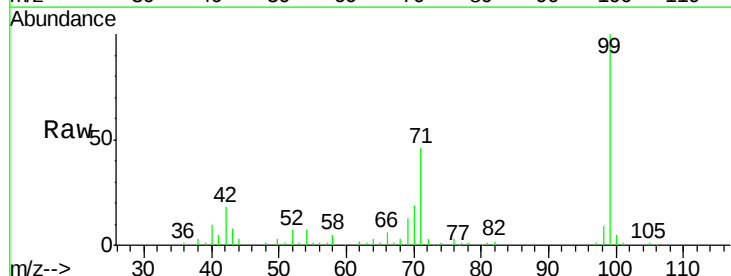
RT: 7.83 min Scan# 772

Delta R.T. 0.02 min

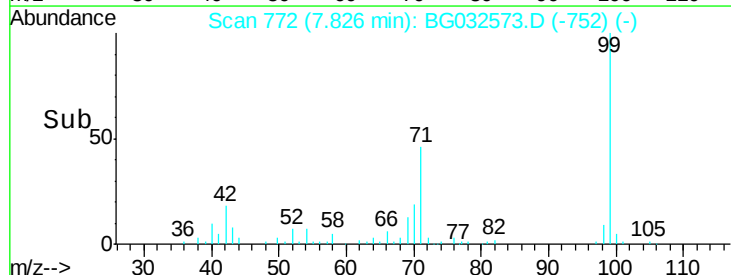
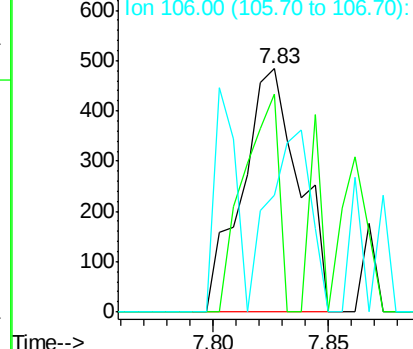
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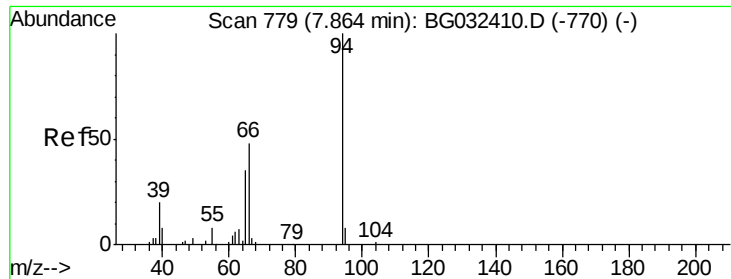
Acq: 6 Feb 2018 19:40

Tgt Ion:	77	Resp:	833
Ion	Ratio	Lower	Upper
77	100		
105	89.5	71.3	111.3
106	48.1	64.2	104.2#



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





#10

Phenol

Concen: 1.566 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

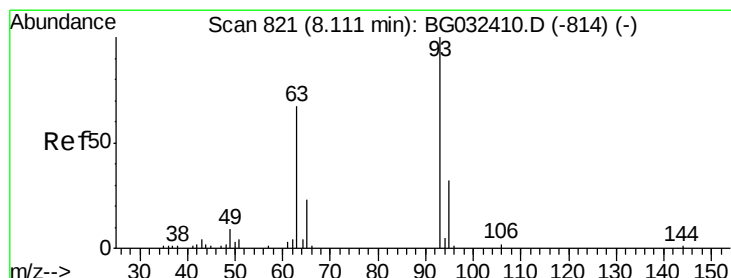
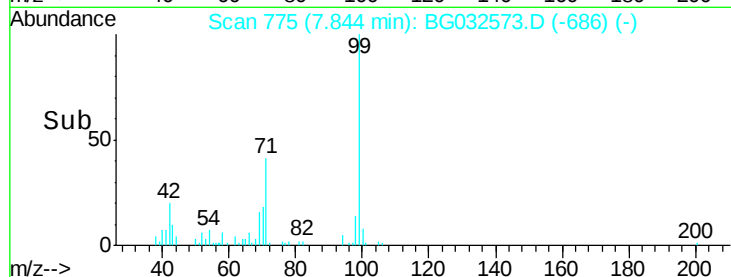
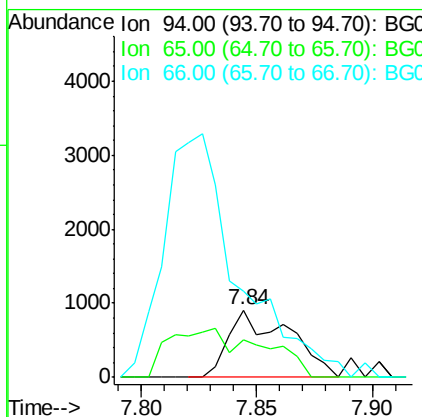
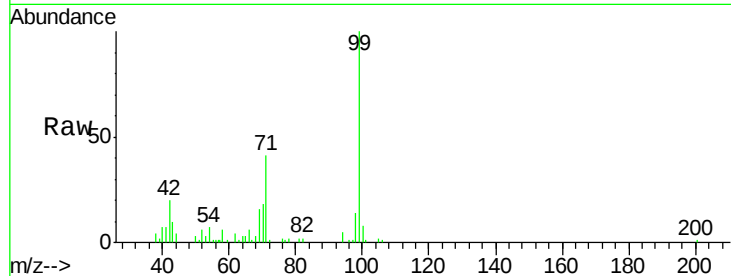
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	94	Resp:	1634
Ion	Ratio	Lower	Upper
94	100		
65	56.6	11.9	51.9#
66	128.9	22.2	62.2#

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 1.622 ng

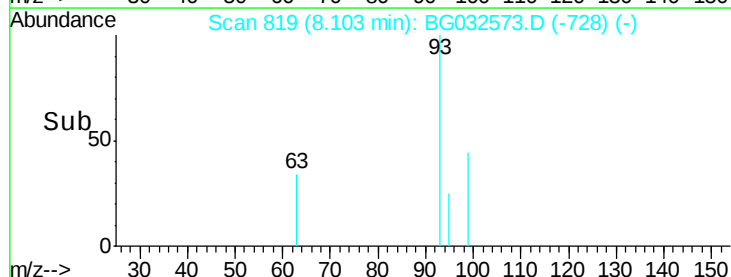
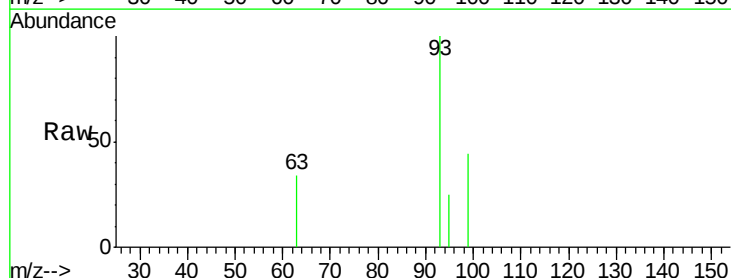
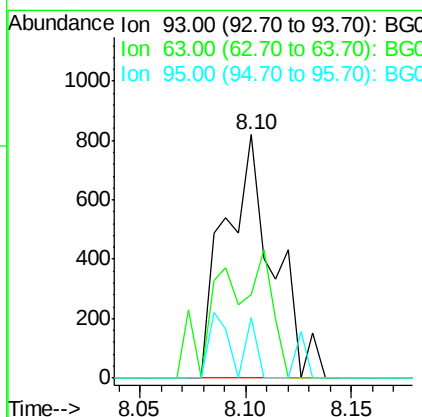
RT: 8.10 min Scan# 819

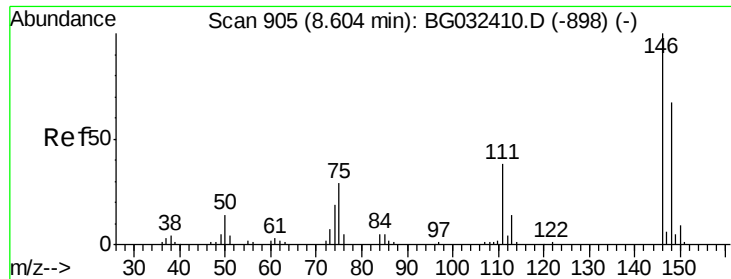
Delta R.T. 0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	93	Resp:	1290
Ion	Ratio	Lower	Upper
93	100		
63	34.1	67.1	107.1#
95	25.0	11.5	51.5





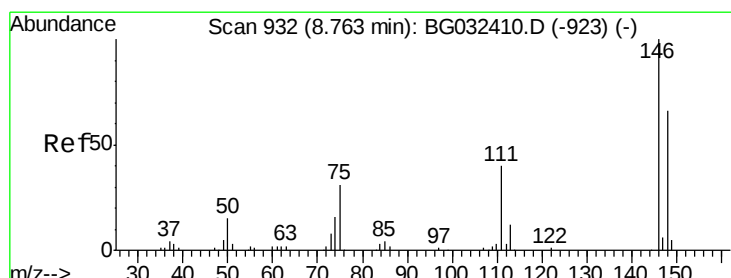
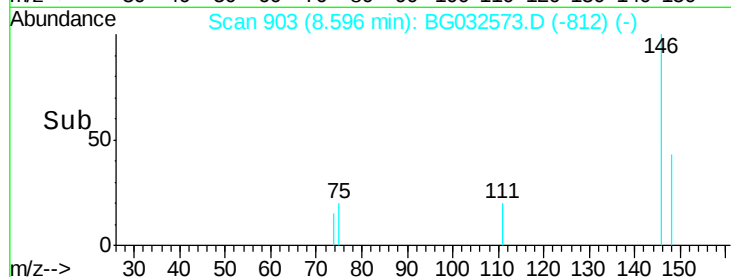
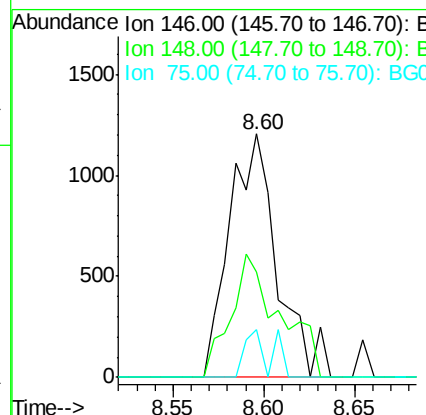
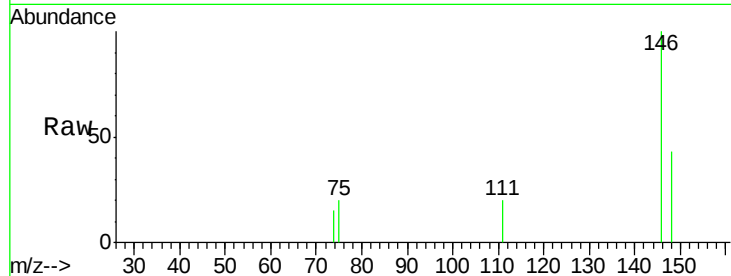
#12
 1,3-Dichlorobenzene
 Concen: 1.677 ng
 RT: 8.60 min Scan# 903
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	43.2	51.4	77.2#
75	19.6	26.6	39.8#

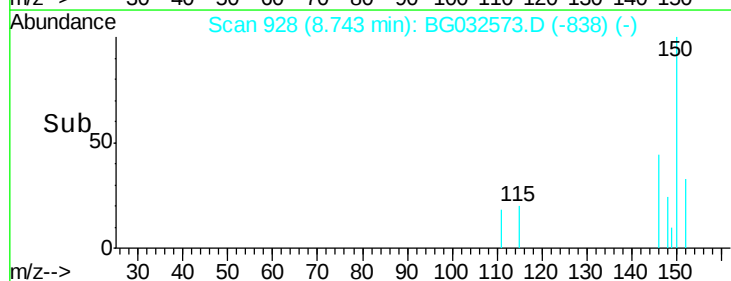
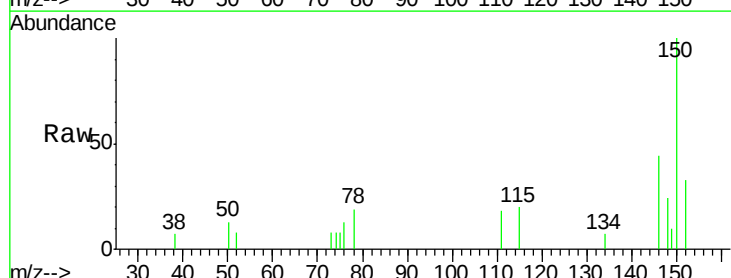
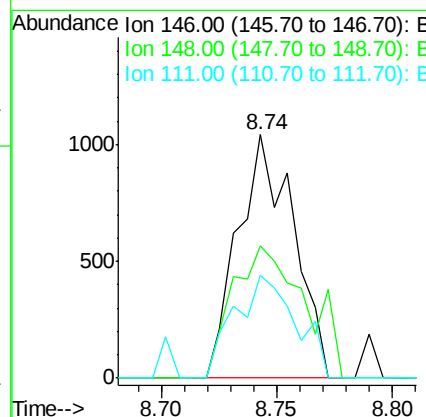
Manual Integrations
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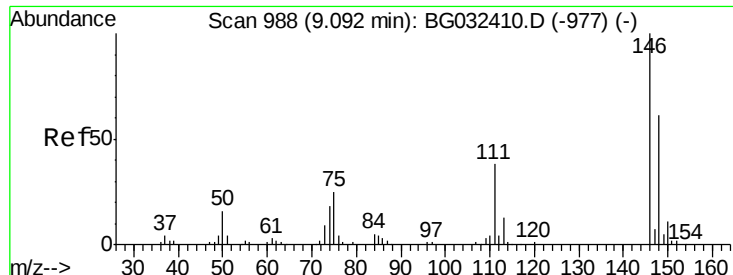
Sohil
 2/7/2018 4:14:37 PM



#13
 1,4-Dichlorobenzene
 Concen: 1.316 ng
 RT: 8.74 min Scan# 928
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	54.5	53.7	80.5
111	42.0	35.2	52.8





#14

1,2-Dichlorobenzene

Concen: 1.184 ng/mL

RT: 9.07 min Scan# 984

Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

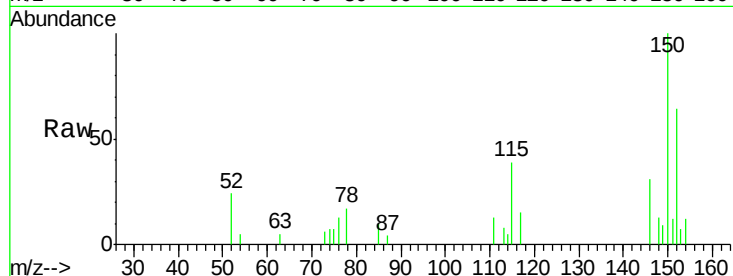
ClientSampleId :

MDL-WATER-03-QT1-2018

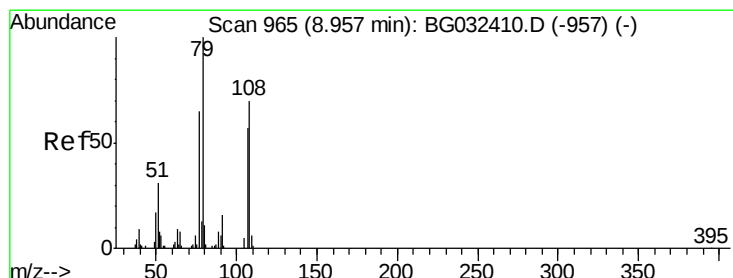
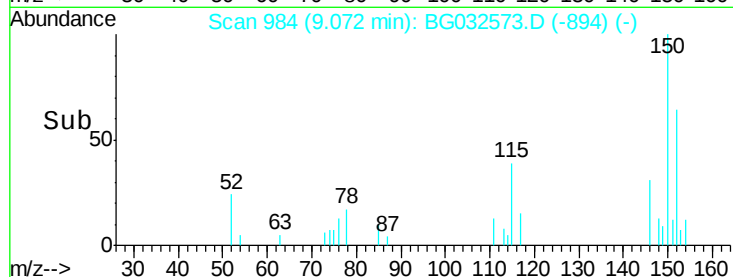
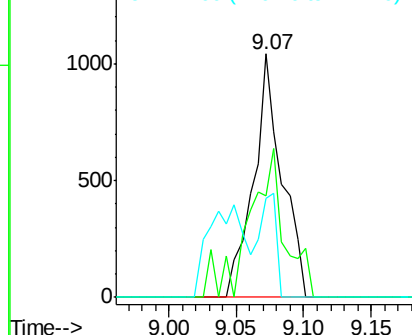
Tot Ion:	146	Resp:	1530
Ion Ratio	Lower	Upper	
146	100		
148	41.9	49.3	73.9#
111	40.9	34.3	51.5

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 0.367 ng/mL

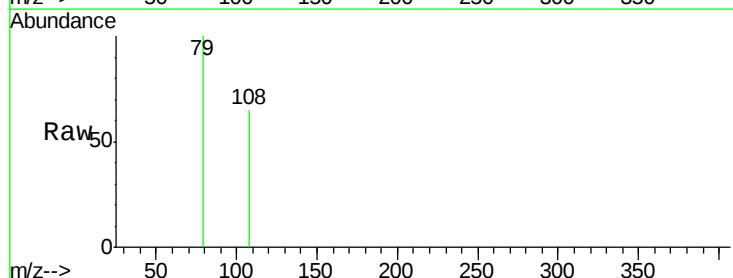
RT: 8.95 min Scan# 964

Delta R.T. 0.01 min

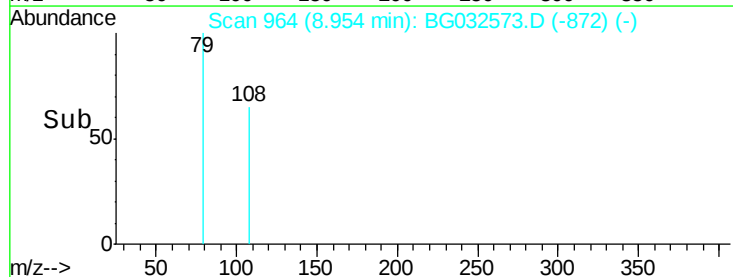
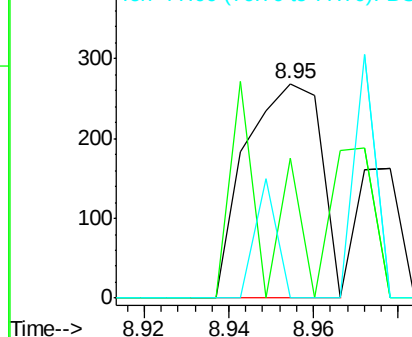
Lab File: BG032573.D

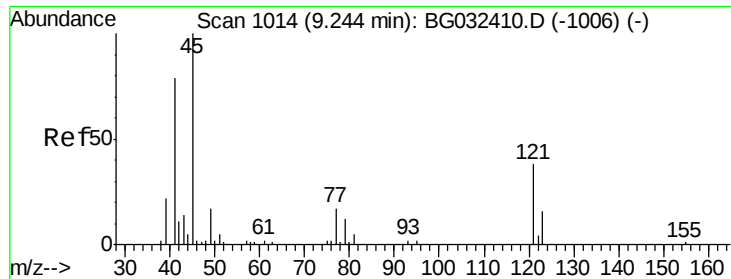
Acq: 6 Feb 2018 19:40

Tgt Ion:	79	Resp:	332
Ion Ratio	Lower	Upper	
79	100		
108	65.1	57.2	85.8
77	0.0	46.1	69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC





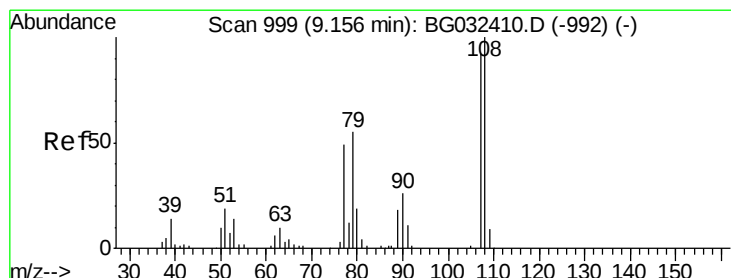
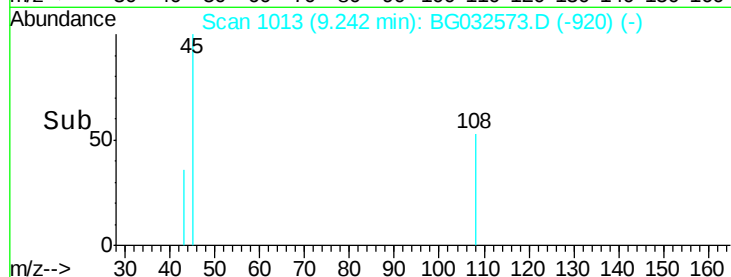
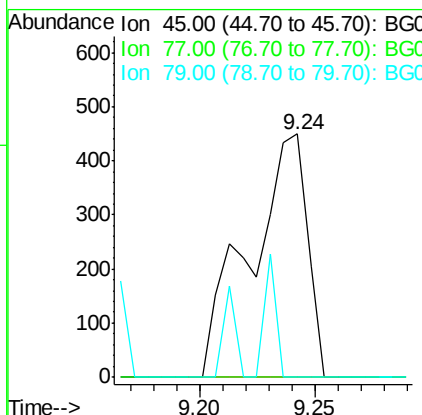
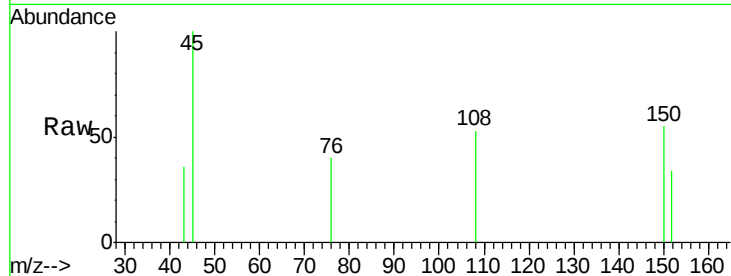
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 1.025 ng
RT: 9.24 min Scan# 1013
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	30.2
79	0.0	0.0	27.9

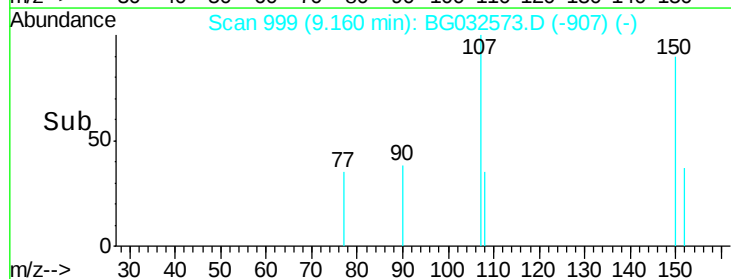
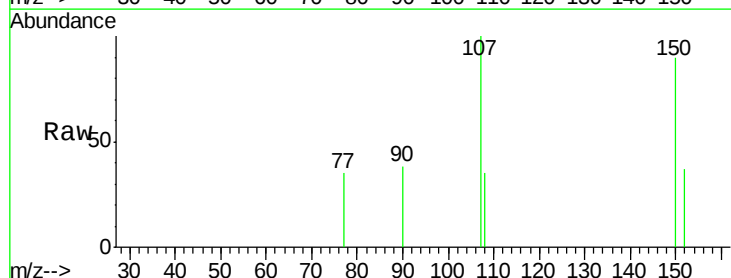
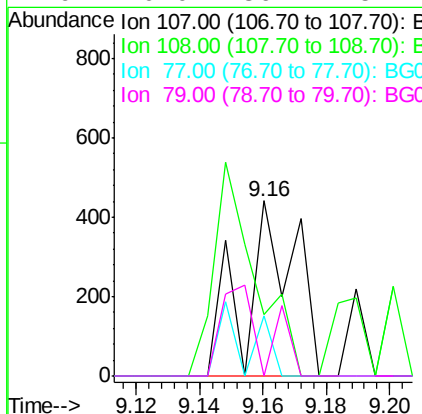
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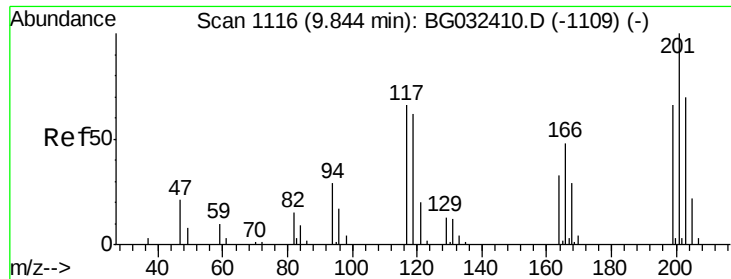
Sohil
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#17
2-Methylphenol
Concen: 0.576 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
107	100		
108	35.4	83.9	125.9#
77	34.7	37.2	55.8#
79	0.0	36.2	54.2#





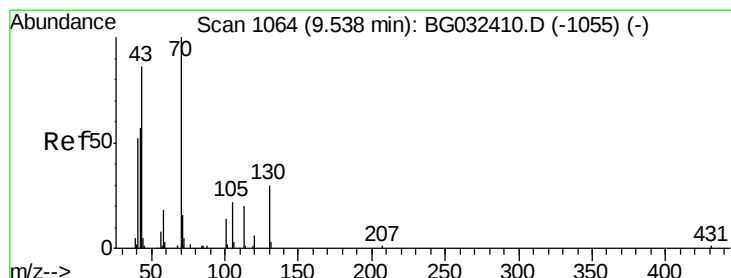
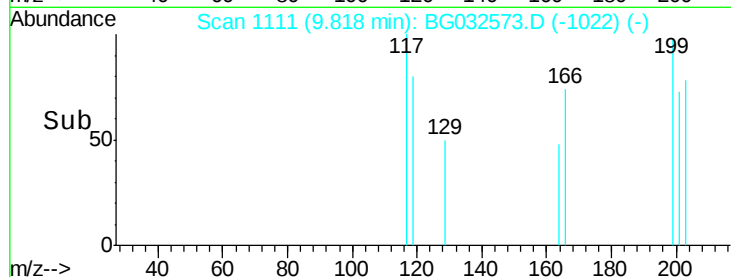
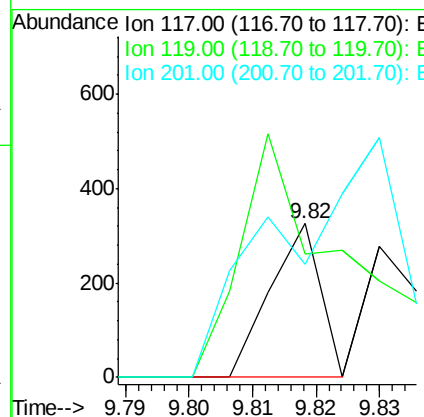
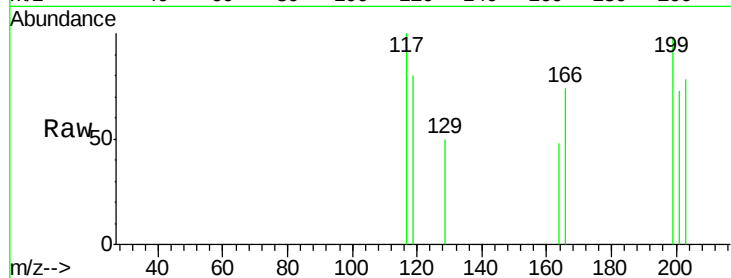
#18
Hexachloroethane
Concen: 0.404 ng
RT: 9.82 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion: 117 Resp: 179
Ion Ratio Lower Upper
117 100
119 80.1 76.7 115.1
201 73.3 95.7 143.5#

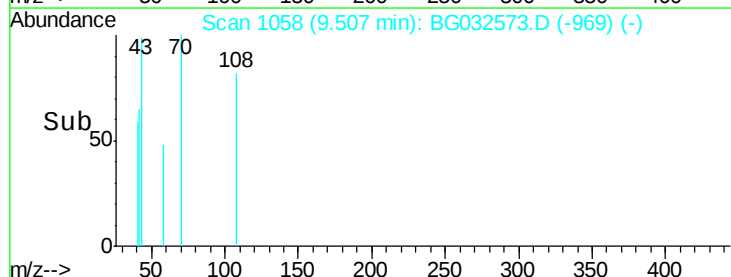
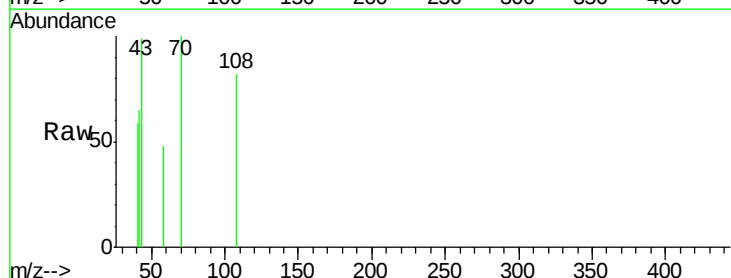
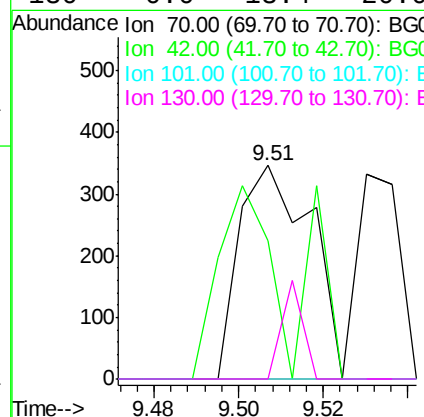
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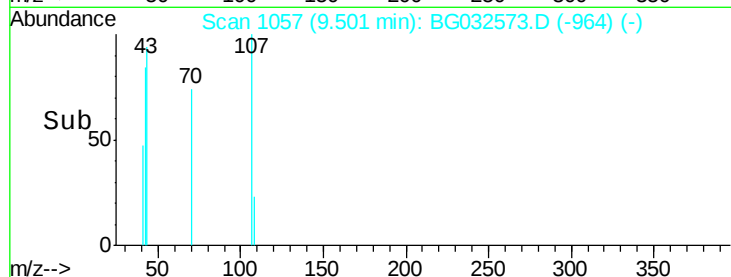
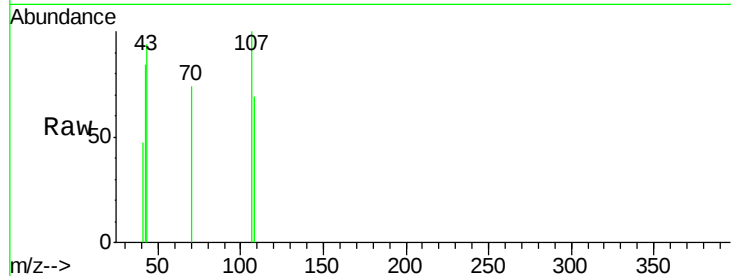
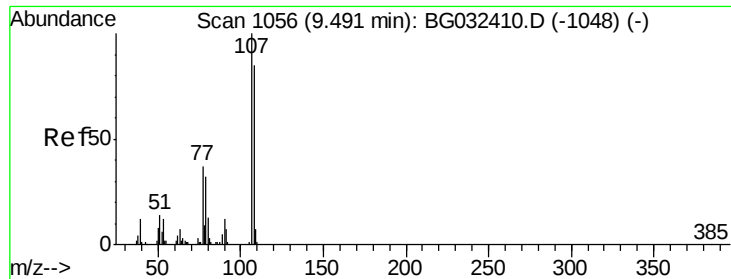
Sohil
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#19
n-Nitroso-di-n-propylamine
Concen: 0.560 ng
RT: 9.51 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion: 70 Resp: 408
Ion Ratio Lower Upper
70 100
42 65.0 49.1 73.7
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#





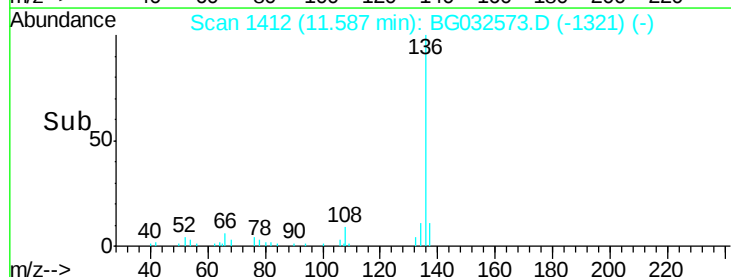
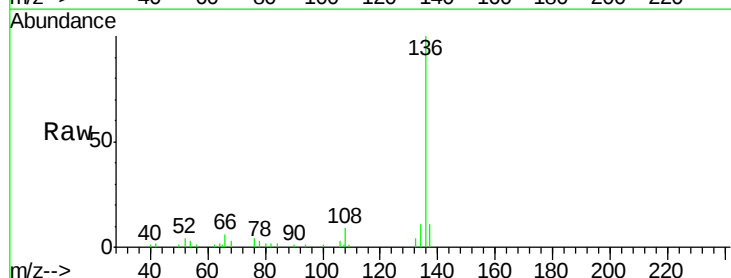
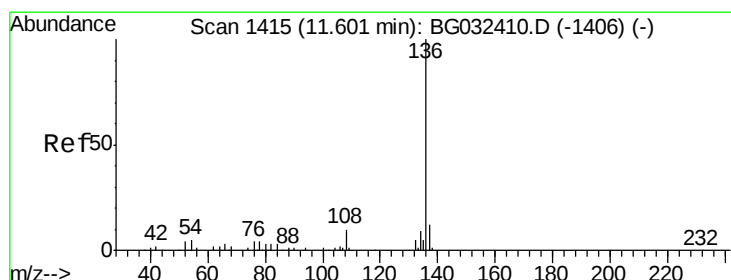
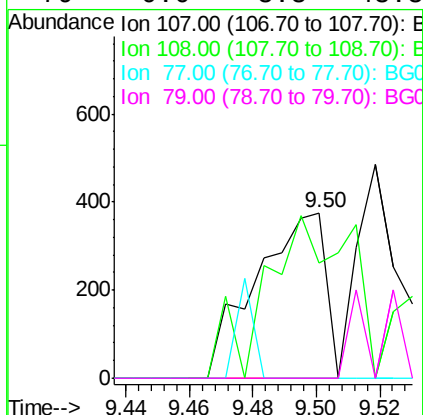
#20
3+4-Methylphenols
Concen: 0.480 ng
RT: 9.50 min Scan# 1057
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tot Ion	Ratio	Lower	Upper
107	100		
108	69.1	61.6	101.6
77	0.0	13.9	53.9#
79	0.0	8.8	48.8#

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

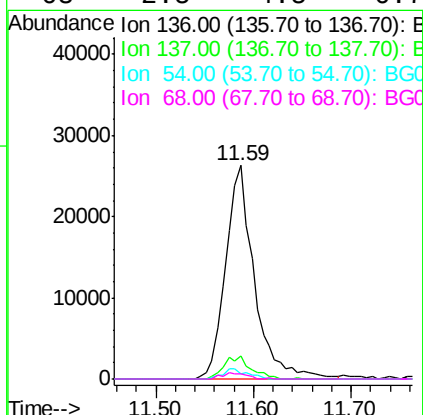
Manual Integrations
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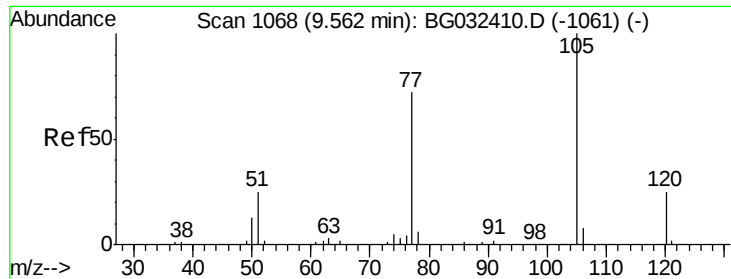
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	2.5	10.3	15.5#
68	2.5	4.5	6.7#





#22

Acetophenone

Concen: 0.684 ng

RT: 9.55 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

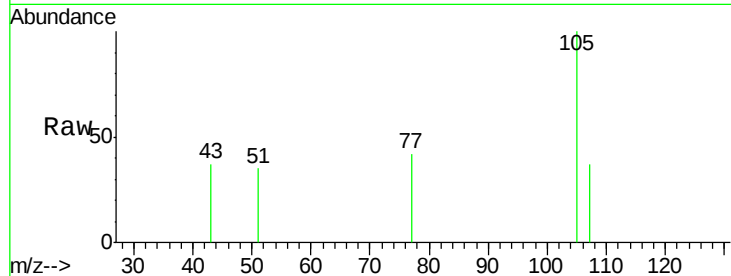
ClientSampleId :

MDL-WATER-03-QT1-2018

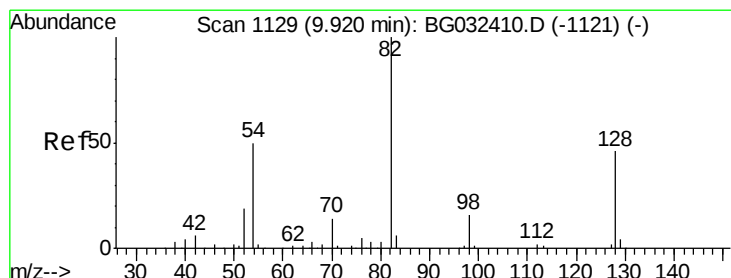
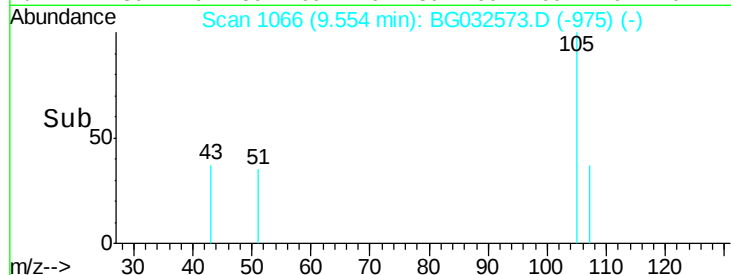
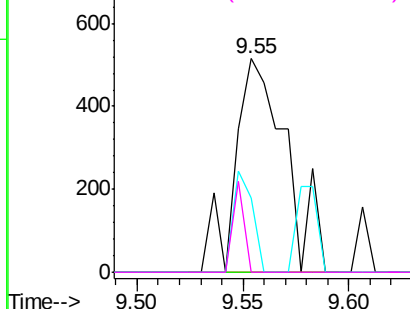
Tot Ion:	105	Resp:	864
Ion Ratio	Lower	Upper	
105	100		
71	0.0	3.0	4.4#
51	34.6	26.1	39.1
120	0.0	17.4	26.2#

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 67.410 ng

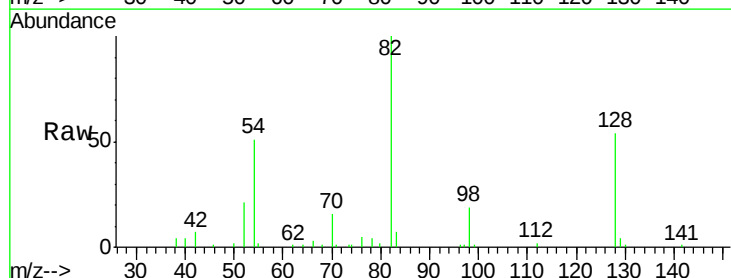
RT: 9.91 min Scan# 1126

Delta R.T. -0.00 min

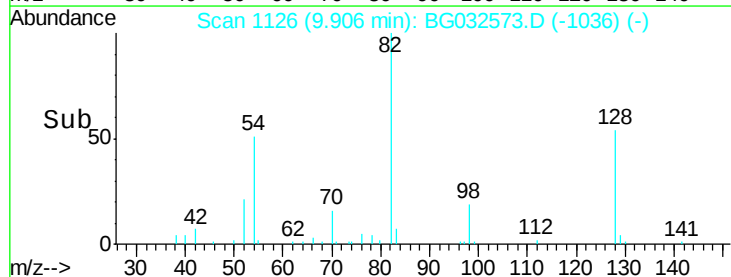
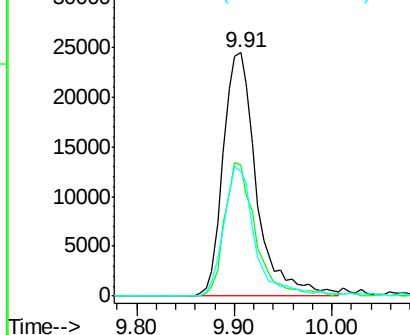
Lab File: BG032573.D

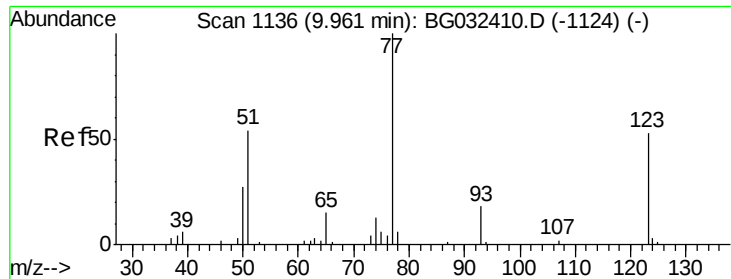
Acq: 6 Feb 2018 19:40

Tgt Ion:	82	Resp:	58154
Ion Ratio	Lower	Upper	
82	100		
128	53.9	29.7	44.5#
54	51.1	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





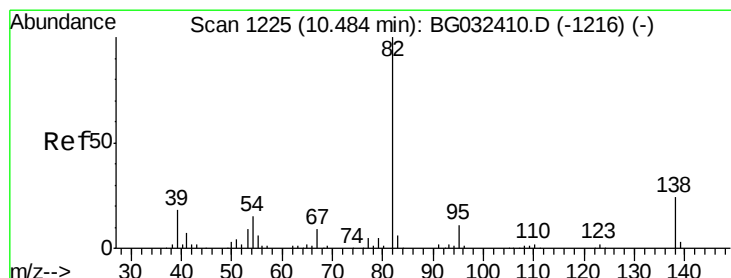
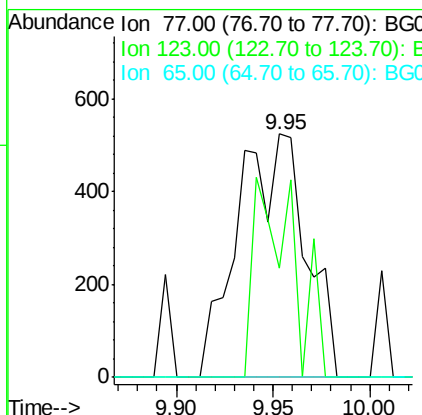
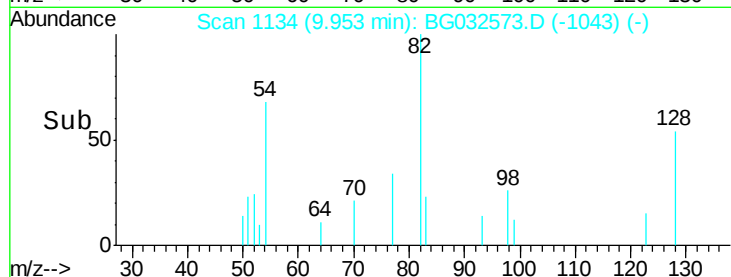
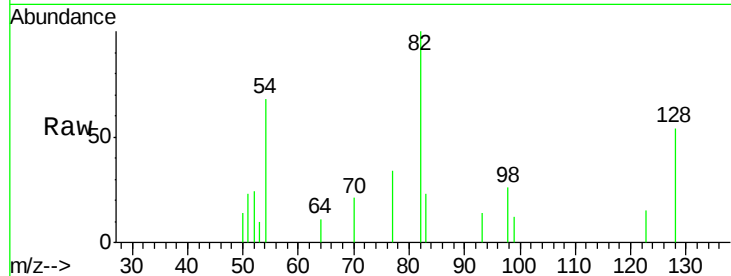
#24
 Nitrobenzene
 Concen: 1.543 ng/mL
 RT: 9.95 min Scan# 1134
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleID :
 MDL-WATER-03-QT1-2018

Tot Ion:	77	Resp:	1287
Ion Ratio	Lower	Upper	
77	100		
123	44.6	33.0	49.6
65	0.0	13.0	19.6

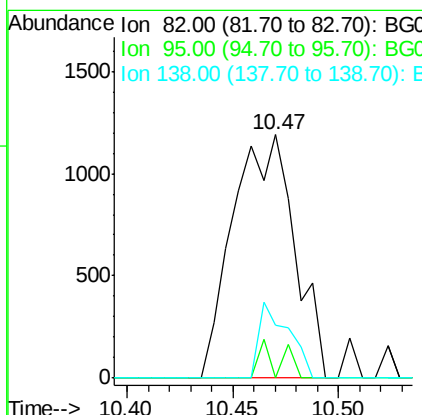
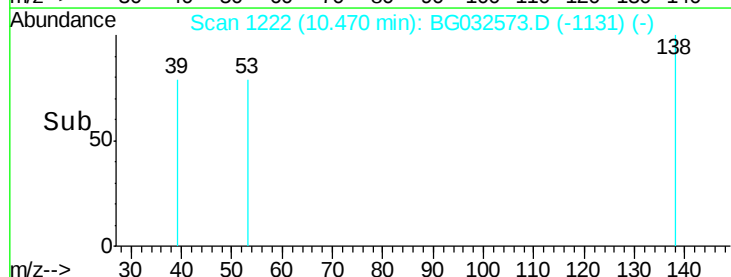
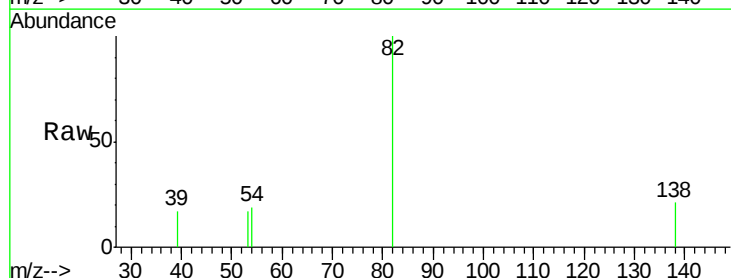
Manual Integrations
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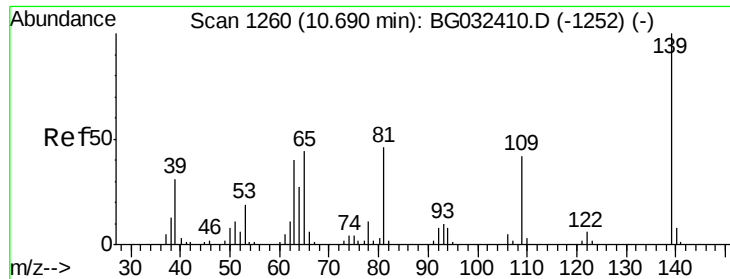
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#25
 Isophorone
 Concen: 1.642 ng/mL
 RT: 10.47 min Scan# 1222
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion:	82	Resp:	2412
Ion Ratio	Lower	Upper	
82	100		
95	0.0	6.2	9.2
138	21.5	12.1	18.1





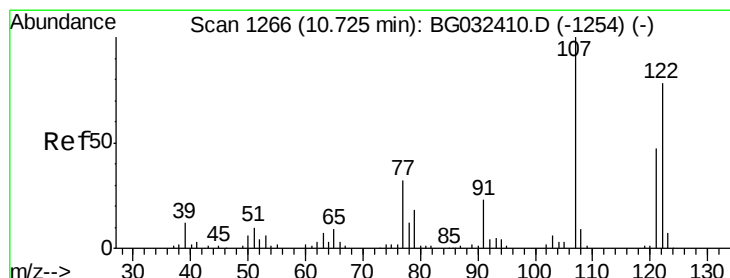
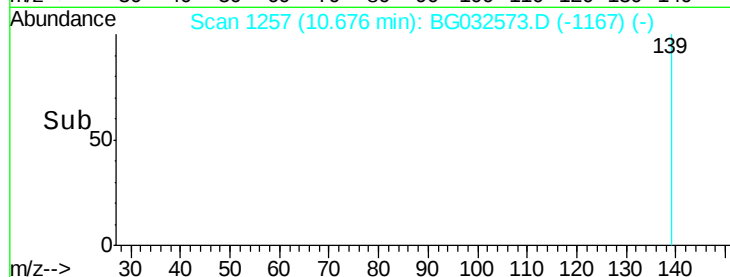
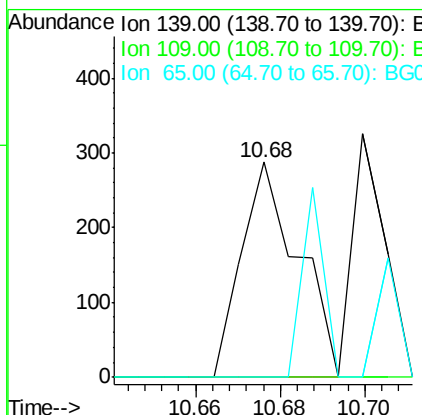
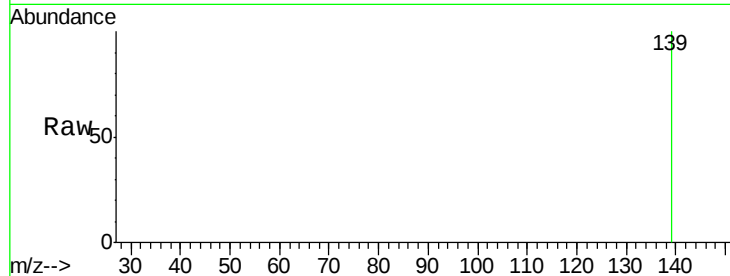
#26
2-Nitrophenol
Concen: 0.531 ng
RT: 10.68 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
139	100		
109	0.0	24.2	36.2#
65	0.0	47.4	71.0#

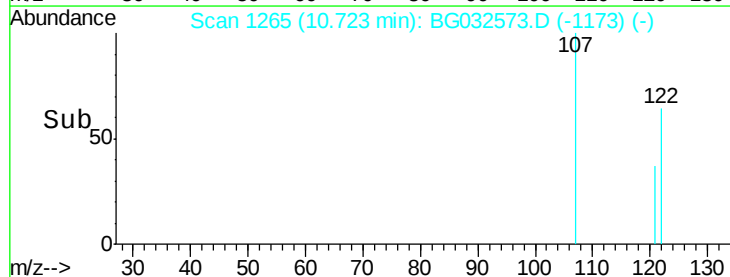
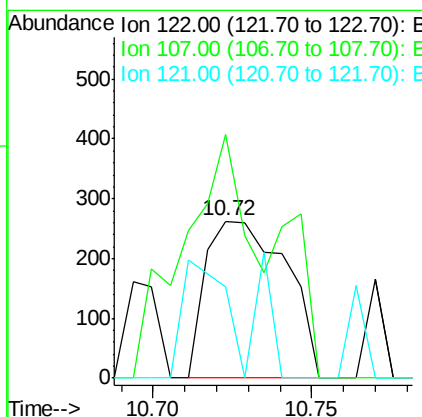
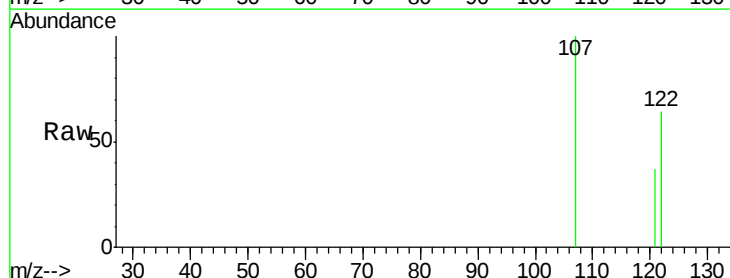
Manual Integrations
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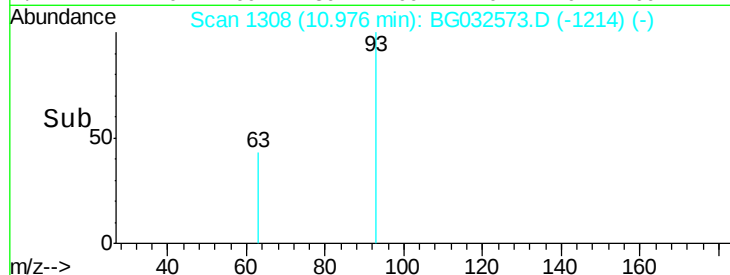
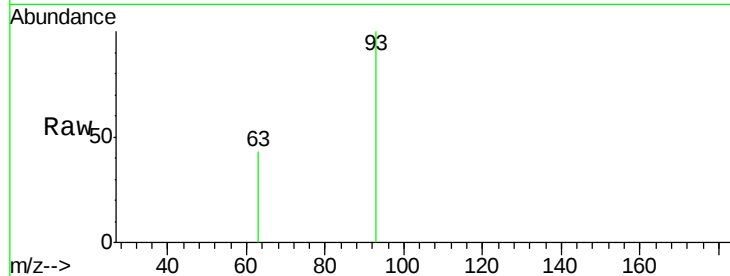
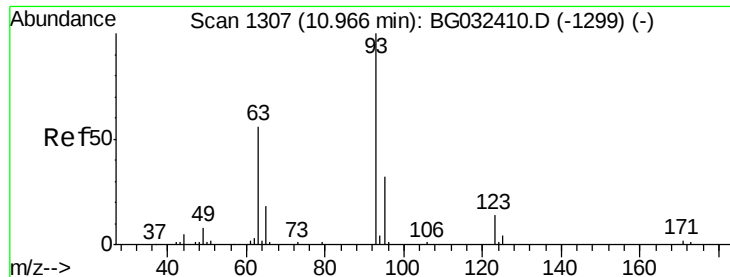
Sohil
2/7/2018 4:14:37 PM



#27
2,4-Dimethylphenol
Concen: 0.637 ng
RT: 10.72 min Scan# 1265
Delta R.T. 0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
122	100		
107	155.3	100.2	150.2#
121	58.0	44.4	66.6





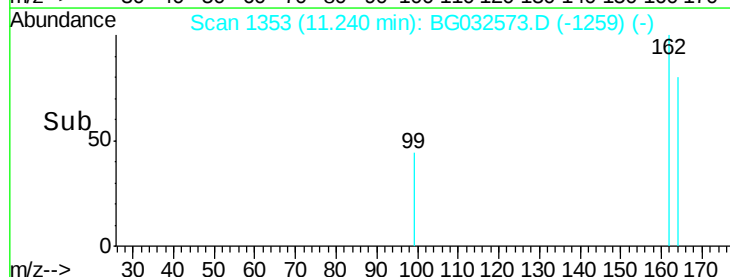
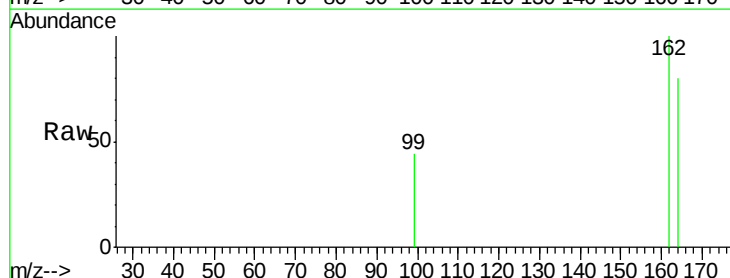
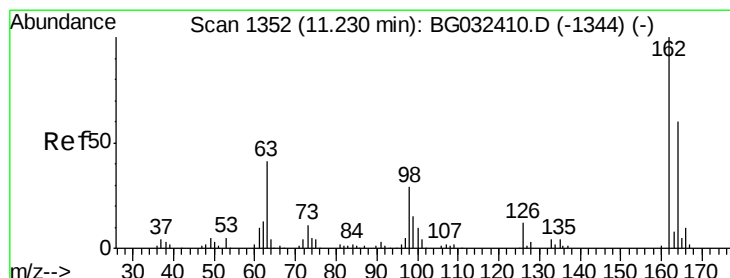
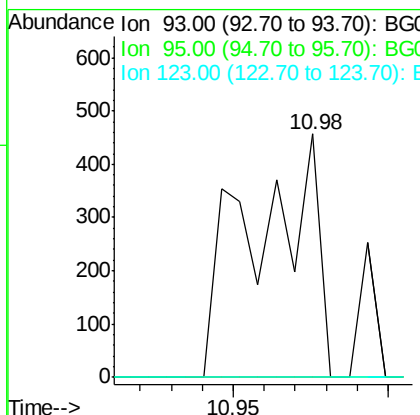
#28
bis(2-Chloroethoxy)methane
Concen: 0.823 ng m
RT: 10.98 min Scan# 1308
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
93	100		
95	0.0	24.3	36.5#
123	0.0	8.4	12.6#

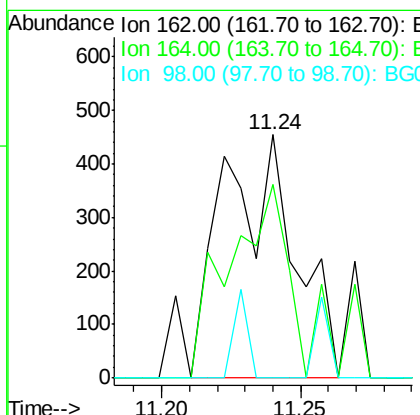
Manual Integrations
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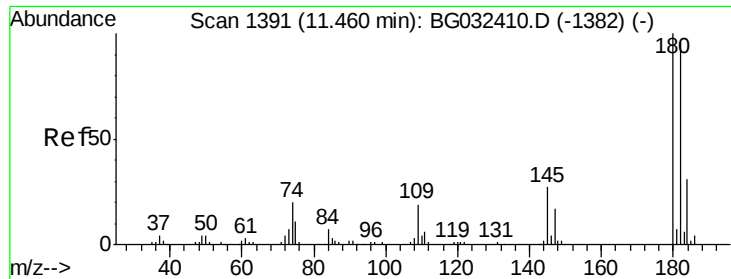
Sohil
2/7/2018 4:14:37 PM



#29
2,4-Dichlorophenol
Concen: 0.846 ng m
RT: 11.24 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
162	100		
164	79.6	48.0	88.0
98	0.0	21.1	61.1#





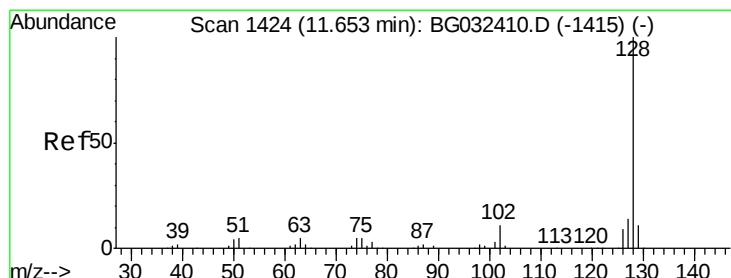
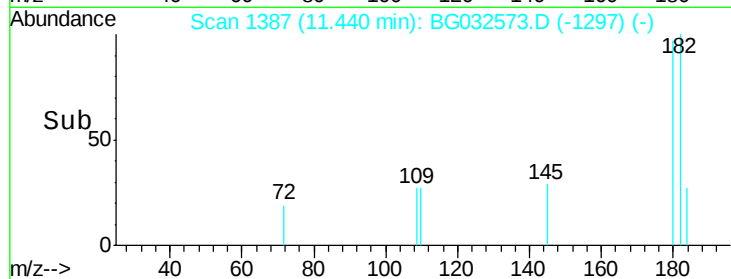
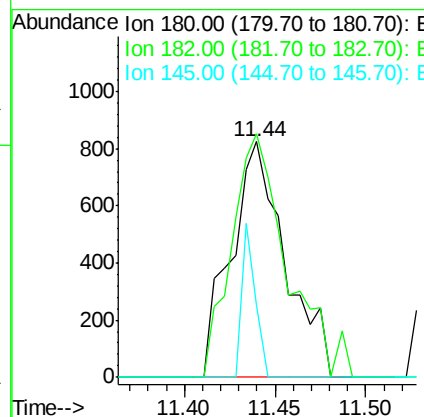
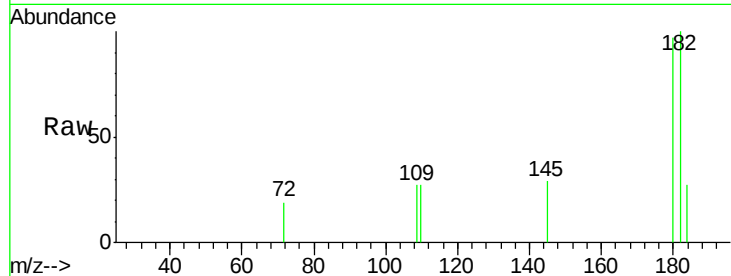
#30
 1,2,4-Trichlorobenzene
 Concen: 1.353 ng
 RT: 11.44 min Scan# 1387
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
180	100		
182	103.4	77.5	116.3
145	30.5	23.4	35.2

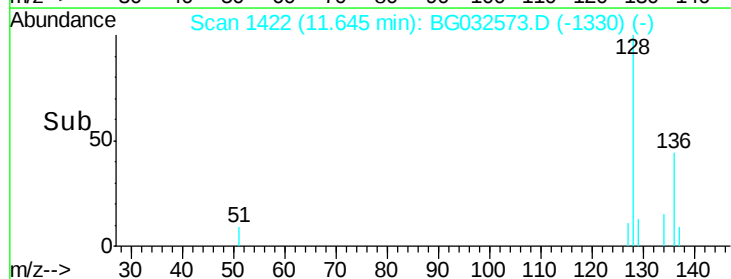
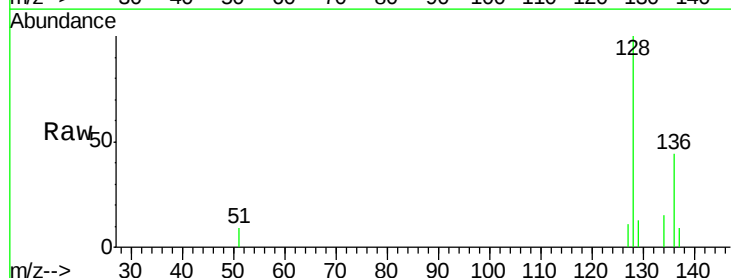
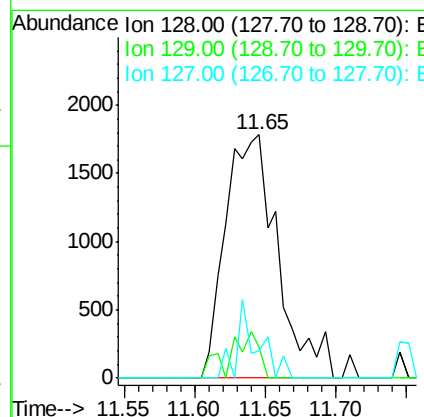
Manual Integrations
 APPROVED

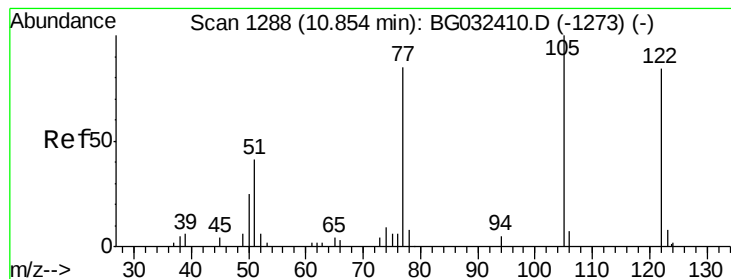
Sohil
 2/7/2018 4:14:37 PM



#31
 Naphthalene
 Concen: 1.749 ng
 RT: 11.65 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.6	12.8
127	11.1	11.6	17.4#





#32

Benzoic acid

Concen: 7.373 ng

RT: 10.85 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

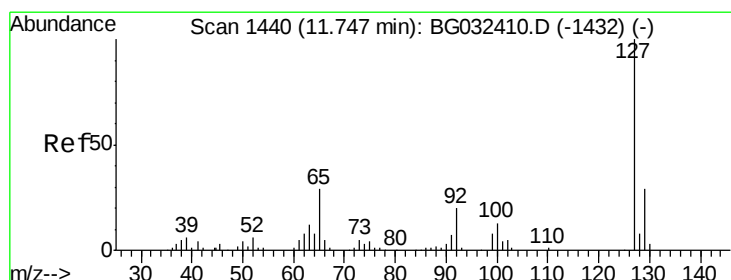
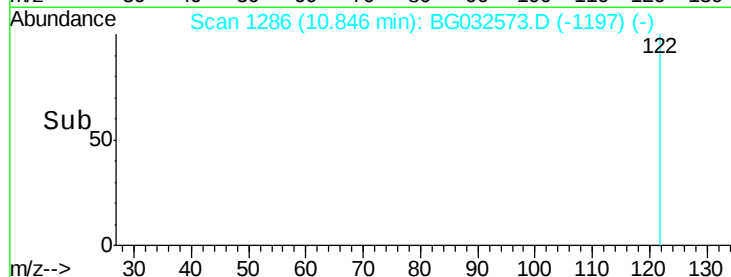
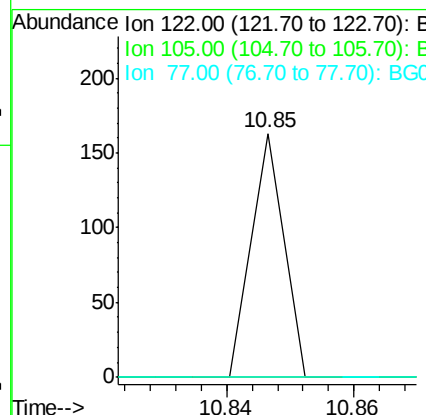
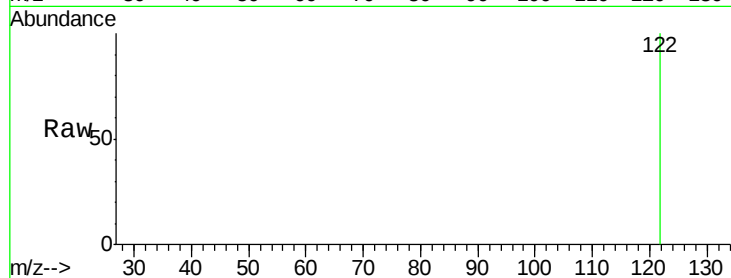
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	122	Resp:	57
Ion Ratio	Lower	Upper	
122	100		
105	0.0	123.5	163.5#
77	0.0	85.7	125.7#

Manual Integrations
APPROVED

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2/7/2018 4:14:37 PM



#33

4-Chloroaniline

Concen: 0.157 ng

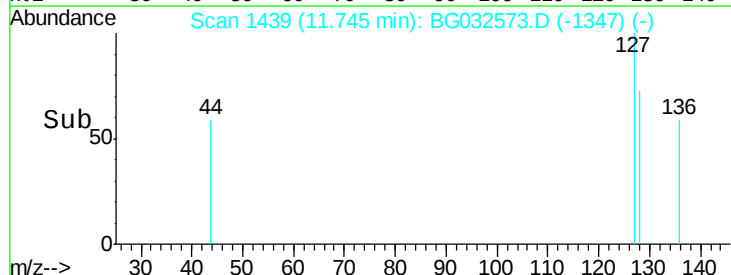
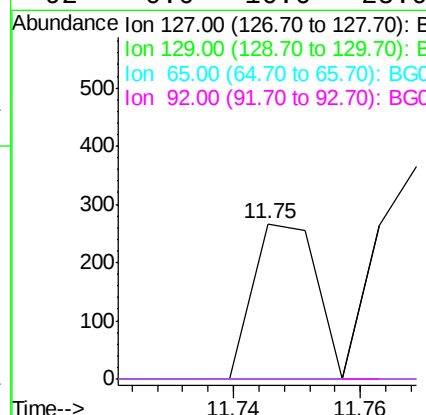
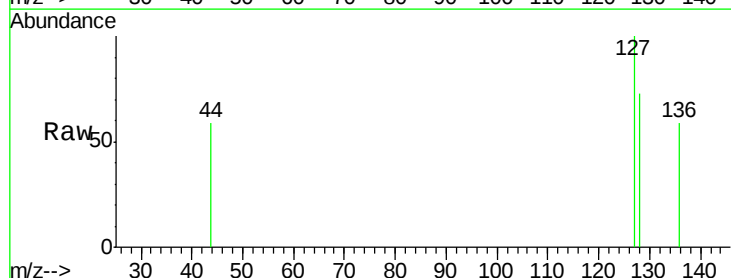
RT: 11.75 min Scan# 1439

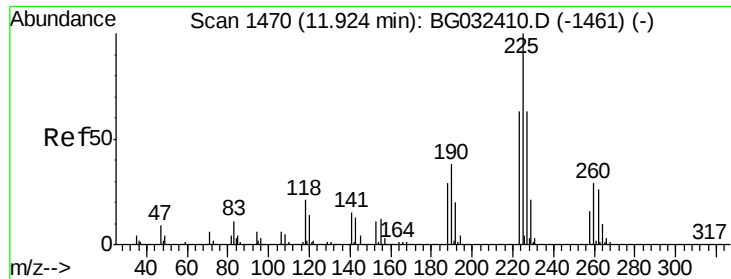
Delta R.T. 0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	127	Resp:	184
Ion Ratio	Lower	Upper	
127	100		
129	0.0	24.0	36.0#
65	0.0	27.0	40.4#
92	0.0	16.6	25.0#





#34

Hexachlorobutadiene

Concen: 1.641 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

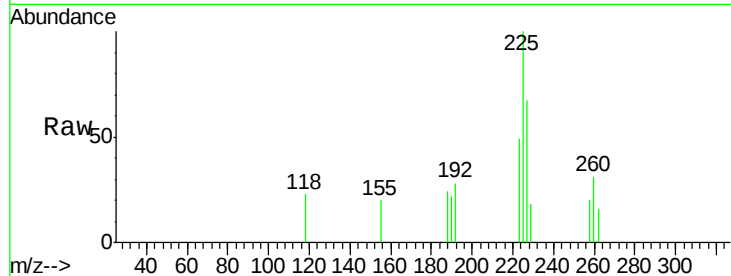
ClientSampleId :

MDL-WATER-03-QT1-2018

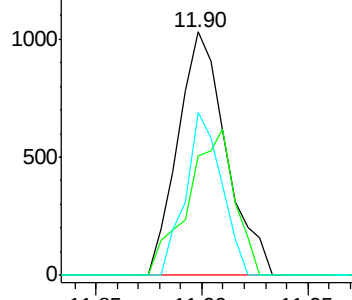
Tot Ion:	225	Resp:	1632
Ion Ratio	Lower	Upper	
225	100		
223	49.0	49.7	74.5#
227	67.1	48.1	72.1

Manual Integrations
APPROVED

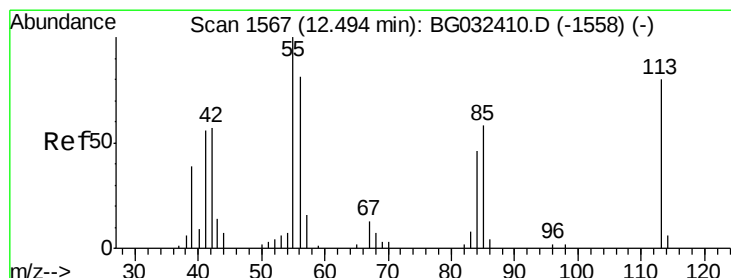
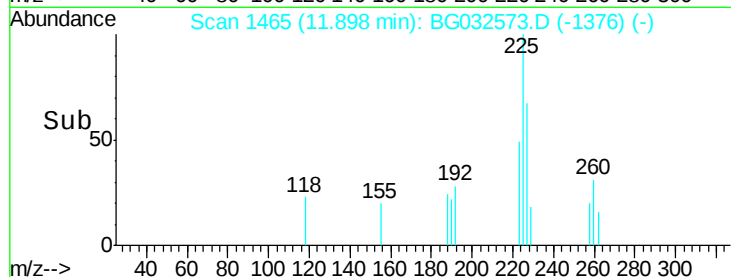
Sohil
2/7/2018 4:14:37 PM



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



Time-->



#35

Caprolactam

Concen: 0.461 ng

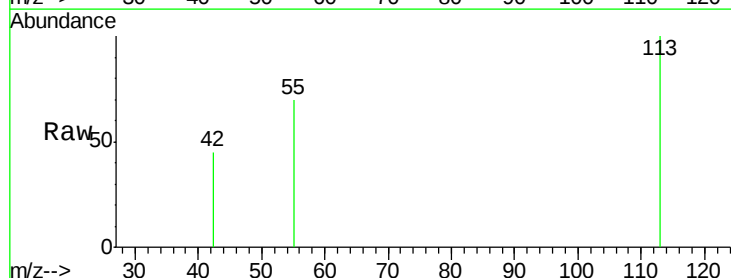
RT: 12.45 min Scan# 1559

Delta R.T. -0.04 min

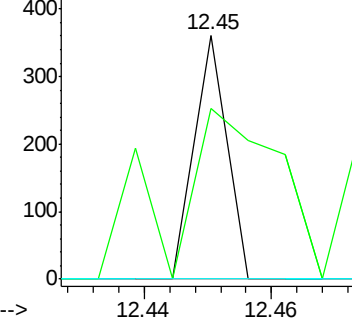
Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

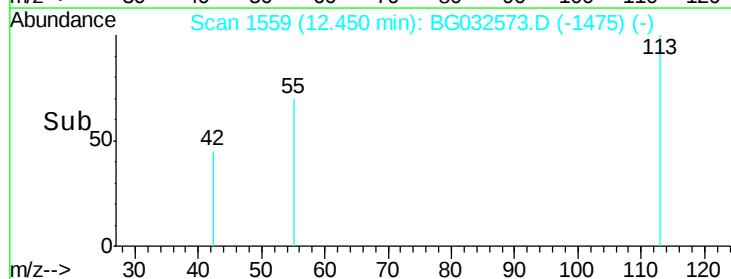
Tgt Ion:	113	Resp:	127
Ion Ratio	Lower	Upper	
113	100		
55	69.8	186.9	226.9#
56	0.0	130.9	170.9#

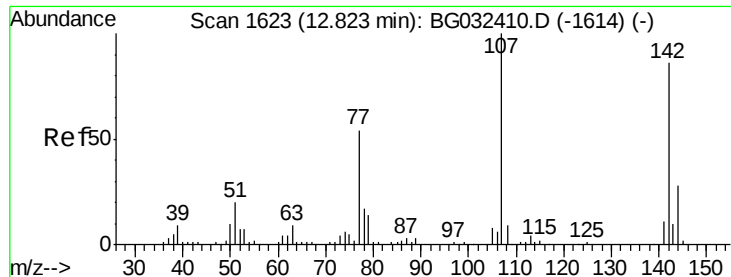


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC



Time-->





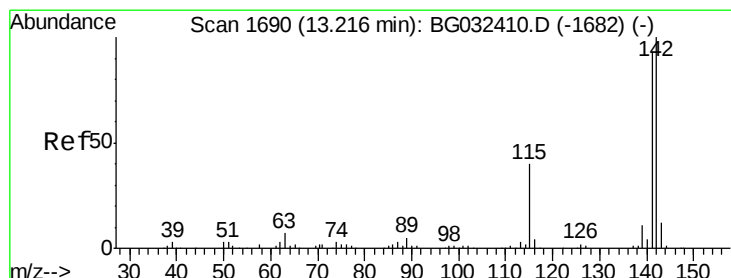
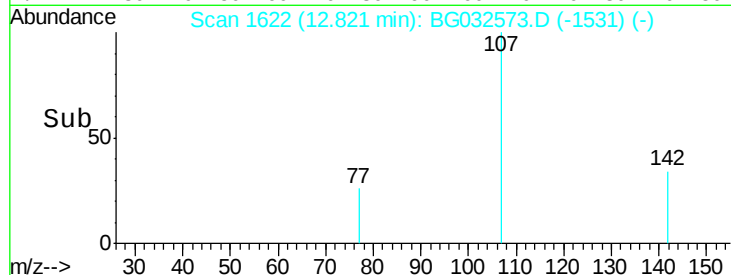
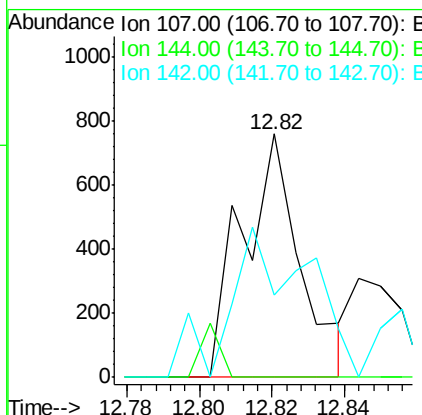
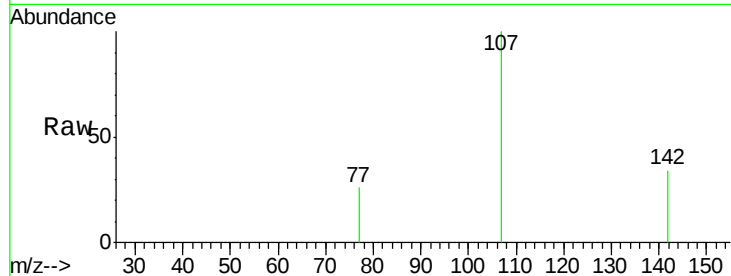
#36
 4-Chloro-3-methylphenol
 Concen: 0.925 ng
 RT: 12.82 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
107	100		
144	0.0	18.2	27.4#
142	33.8	59.0	88.4#

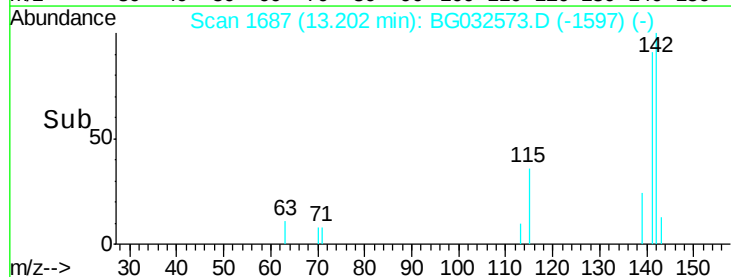
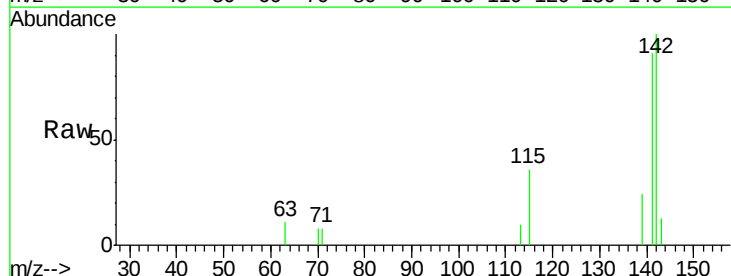
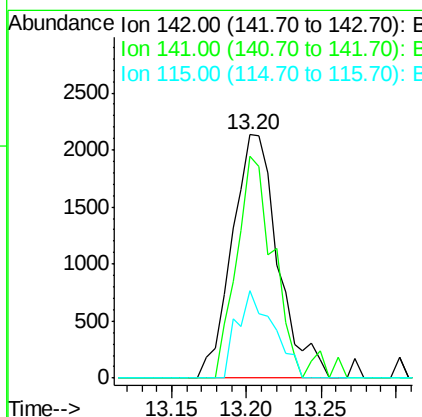
Manual Integrations
 APPROVED

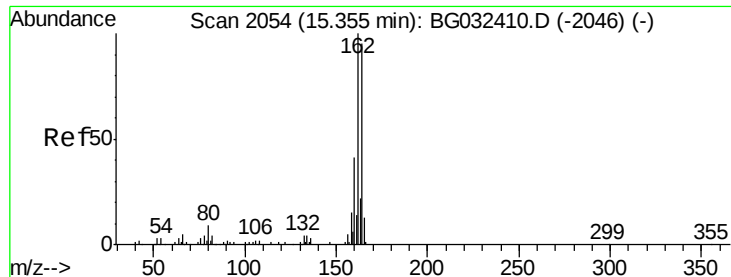
Sohil
 2/7/2018 4:14:37 PM



#37
 2-Methylnaphthalene
 Concen: 2.063 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	67.1	100.7
115	36.1	30.7	46.1





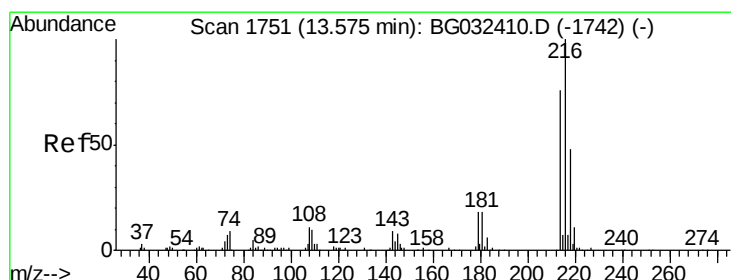
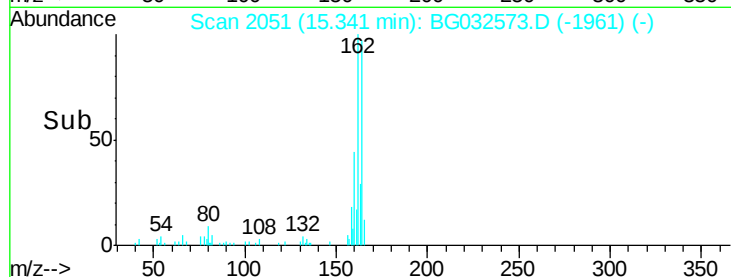
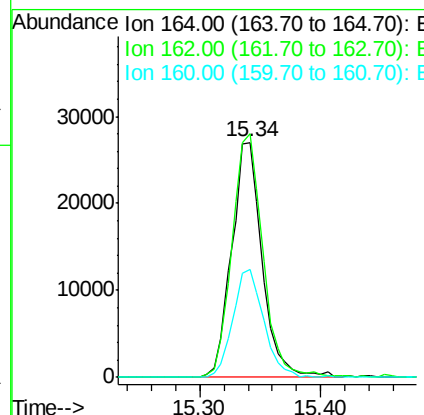
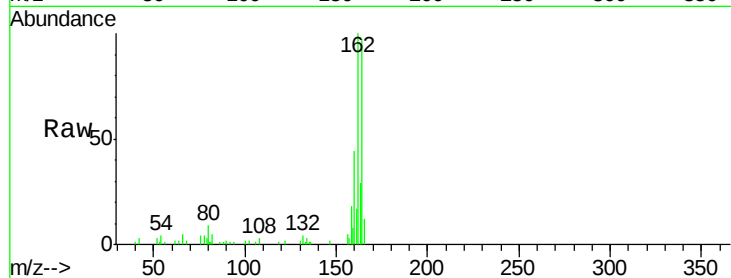
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	45.6	35.4	53.0

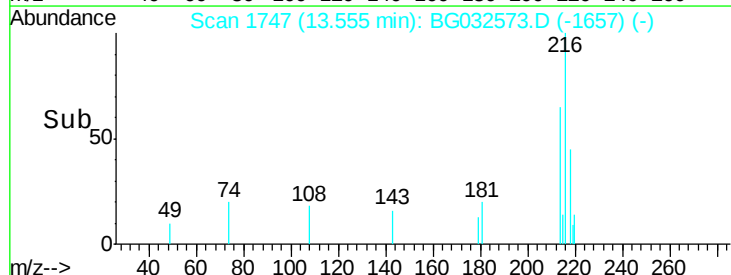
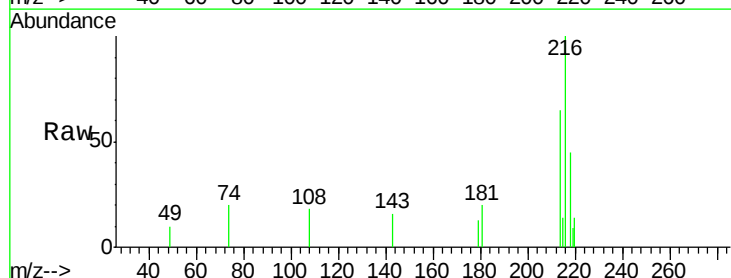
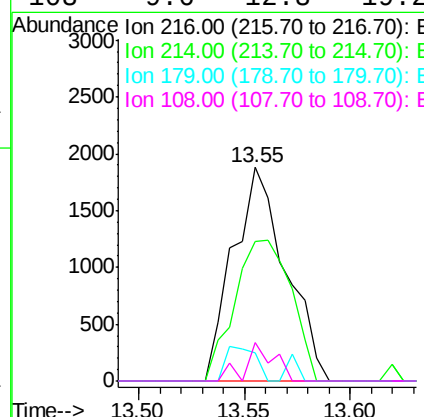
Manual Integrations
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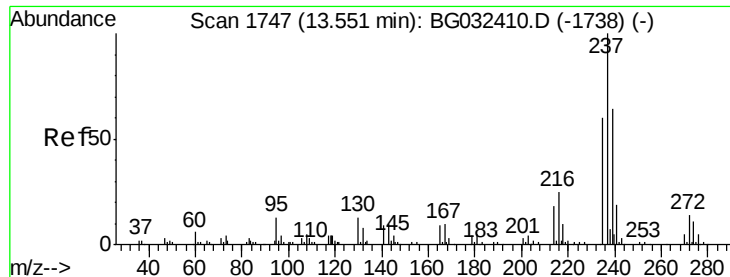
Sohil
2/7/2018 4:14:37 PM



#39
1,2,4,5-Tetrachlorobenzene
Concen: 1.463 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
216	100		
214	70.9	63.0	94.4
179	2.6	17.0	25.6#
108	9.6	12.8	19.2#





#40

Hexachlorocyclopentadiene

Concen: 0.804 ng

RT: 13.53 min Scan# 1743

Delta R.T. 0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

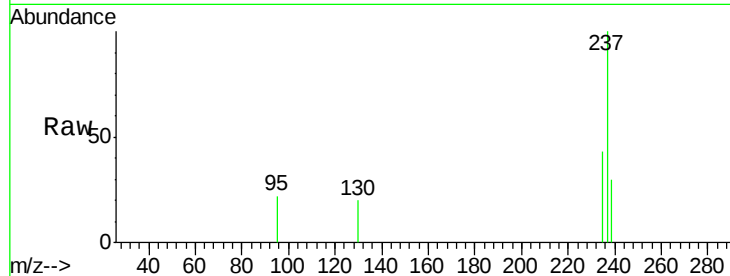
ClientSampleId :

MDL-WATER-03-QT1-2018

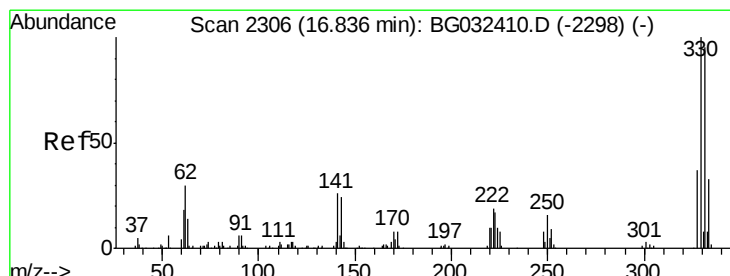
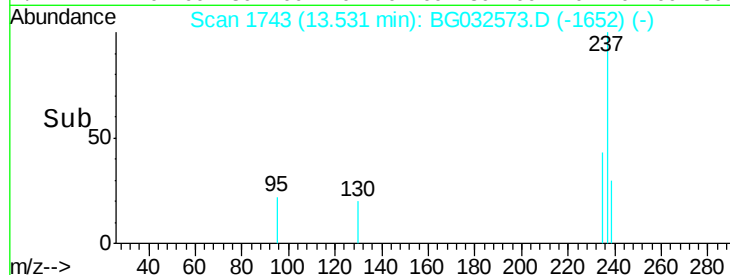
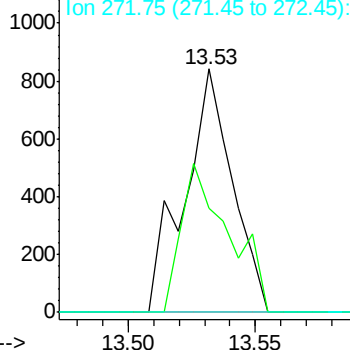
Tot Ion	Ratio	Lower	Upper
237	100		
235	42.8	50.4	90.4#
272	0.0	0.0	31.8

Manual Integrations
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2/7/2018 4:14:37 PM



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



#41

2,4,6-Tribromophenol

Concen: 118.660 ng

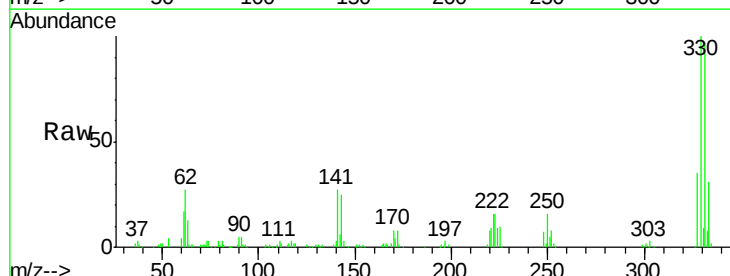
RT: 16.82 min Scan# 2302

Delta R.T. -0.00 min

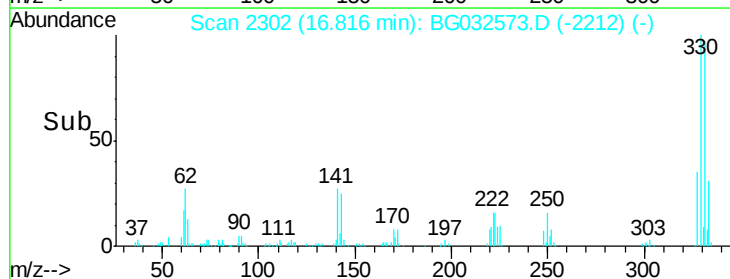
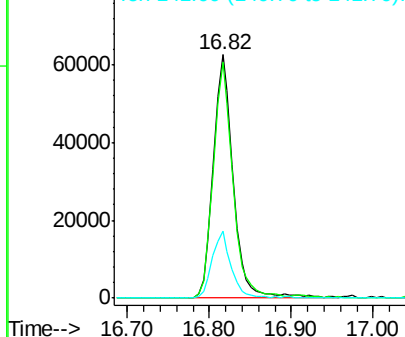
Lab File: BG032573.D

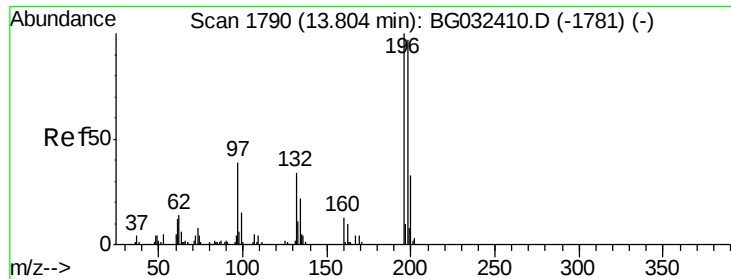
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	25.7	25.2	37.8



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





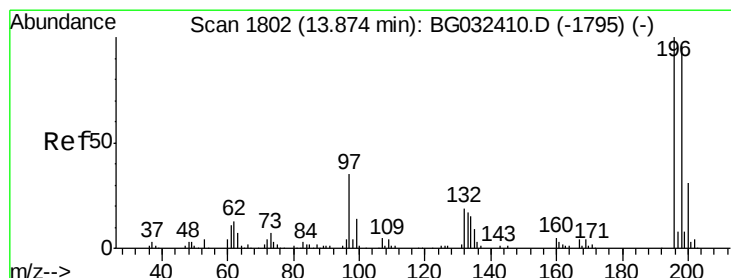
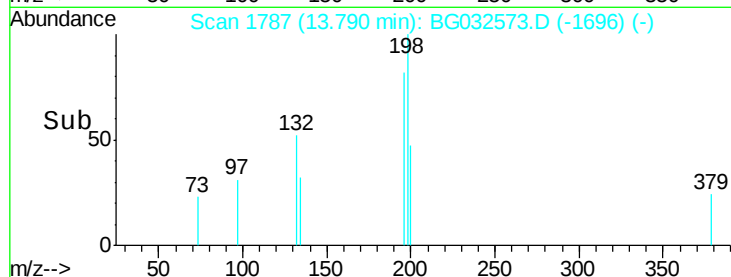
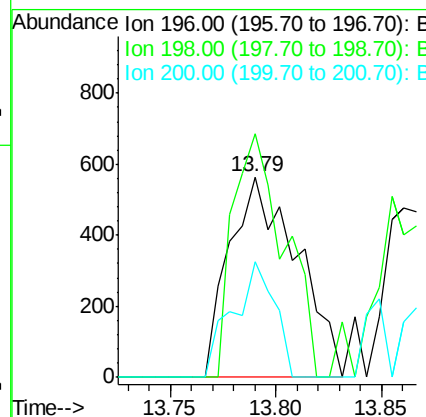
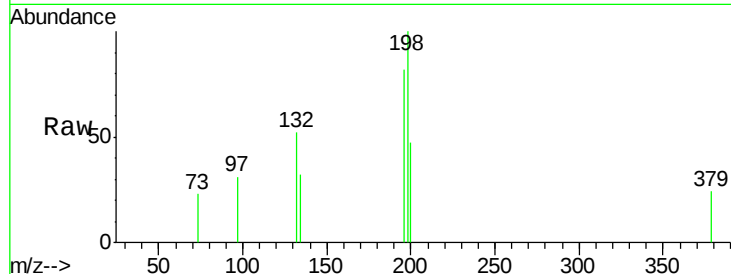
#42
 2,4,6-Trichlorophenol
 Concen: 1.038 ng
 RT: 13.79 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	1255		
198	121.4	78.2	117.2#	
200	57.3	24.6	36.8#	

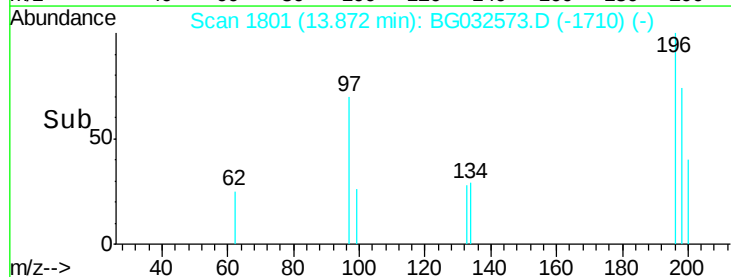
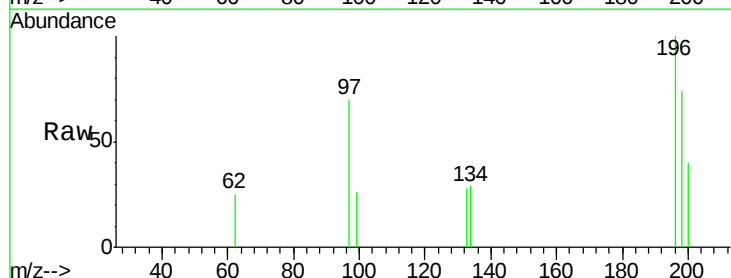
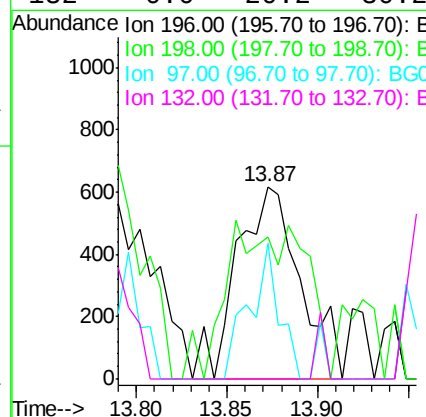
Manual Integrations
 APPROVED

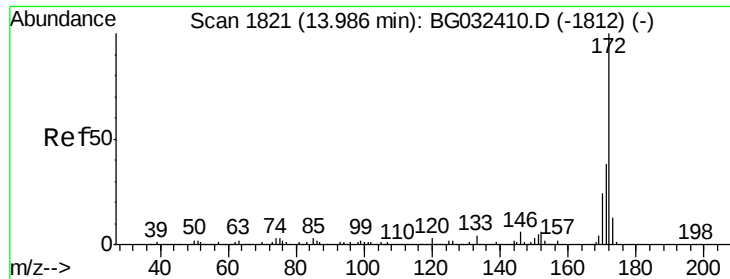
Sohil
 2/7/2018 4:14:37 PM



#43
 2,4,5-Trichlorophenol
 Concen: 1.064 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1500		
198	73.7	76.2	114.4#	
97	70.3	38.7	58.1#	
132	0.0	20.2	30.2#	





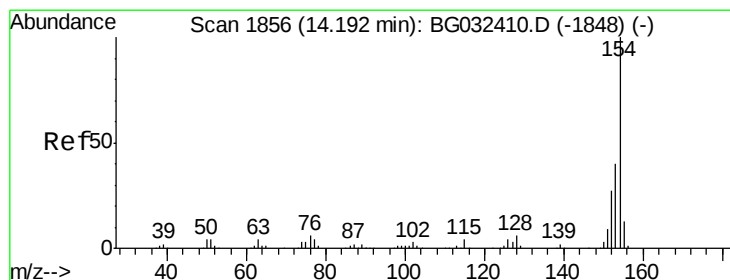
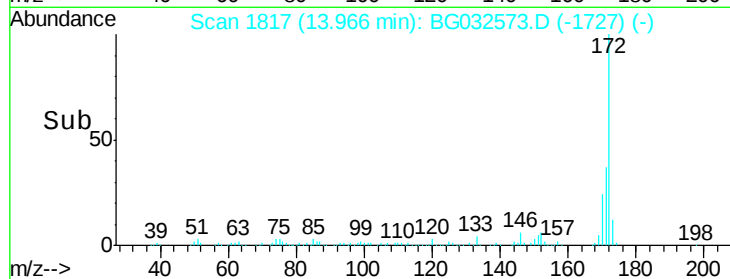
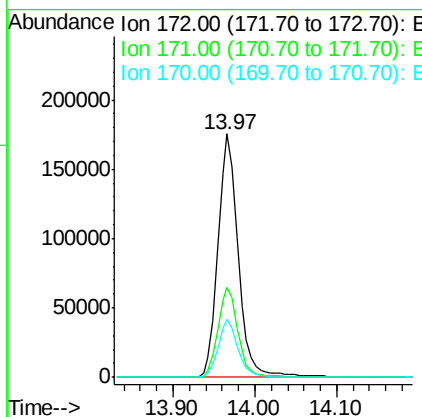
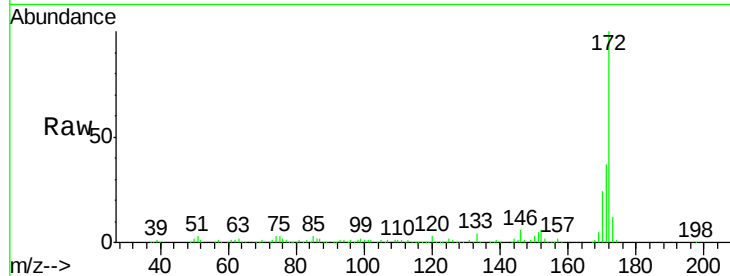
#44
2-Fluorobiphenyl
Concen: 75.743 ng
RT: 13.97 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.9	19.5	29.3

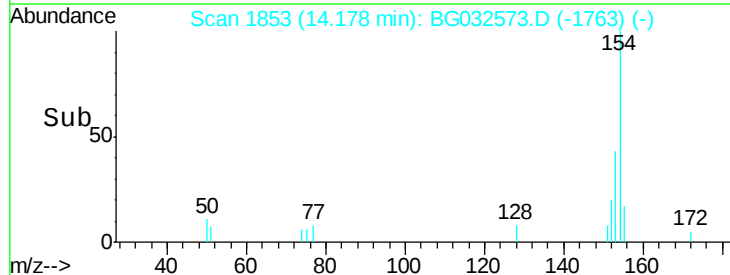
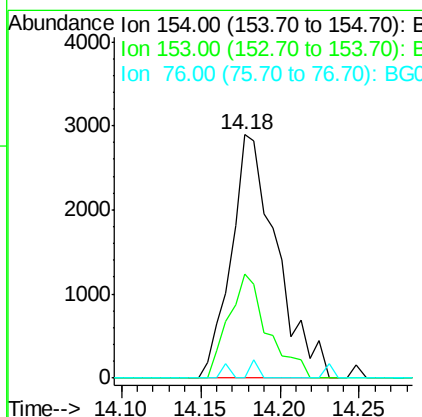
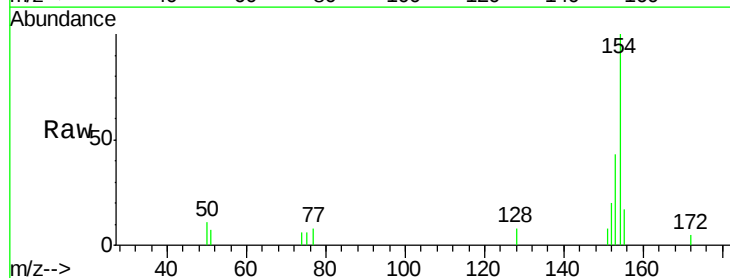
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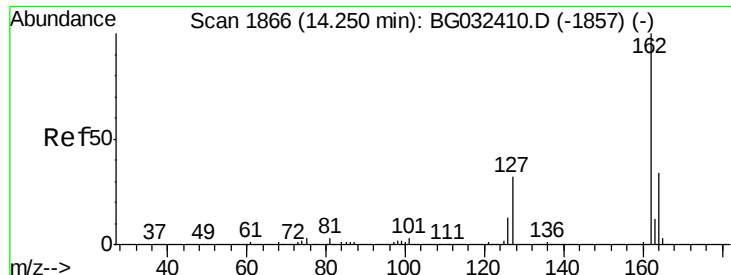
Sohil
2/7/2018 4:14:37 PM



#45
1,1'-Biphenyl
Concen: 1.439 ng
RT: 14.18 min Scan# 1853
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.9	19.8	59.8
76	0.0	0.0	31.9





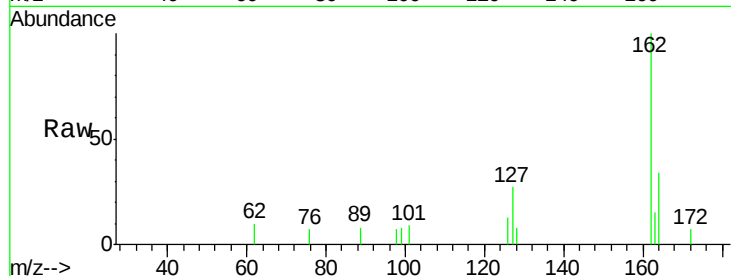
#46
2-Chloronaphthalene
Concen: 1.342 ng
RT: 14.23 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

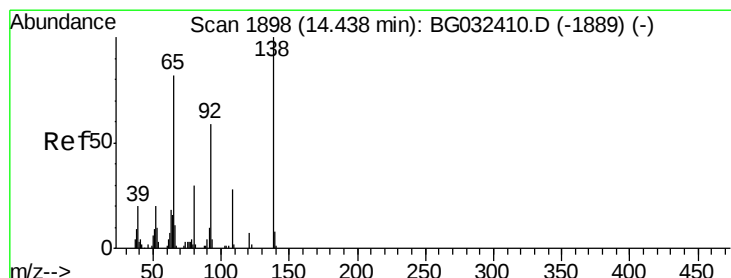
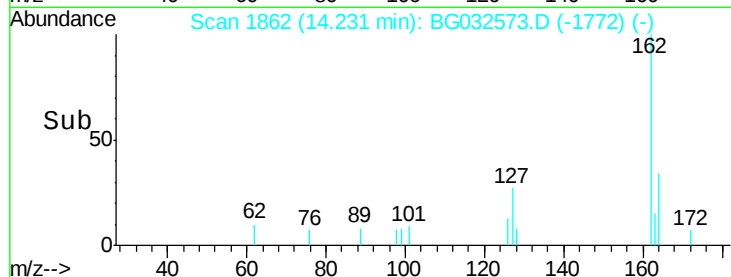
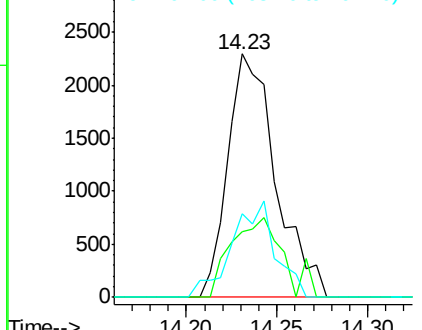
Tot Ion	Ratio	Lower	Upper
162	100		
127	27.2	30.7	46.1#
164	34.1	26.0	39.0

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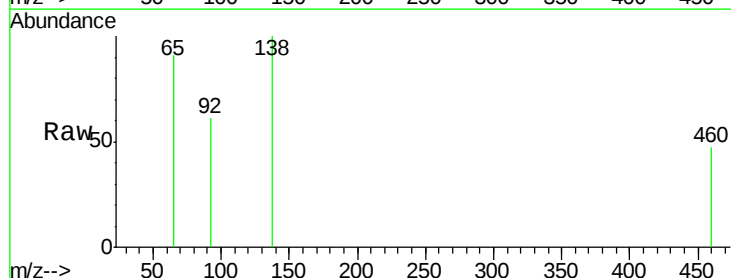


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

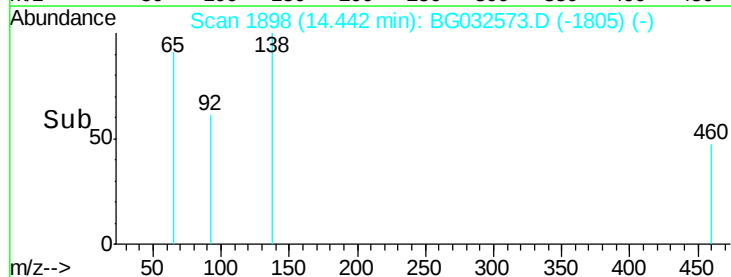
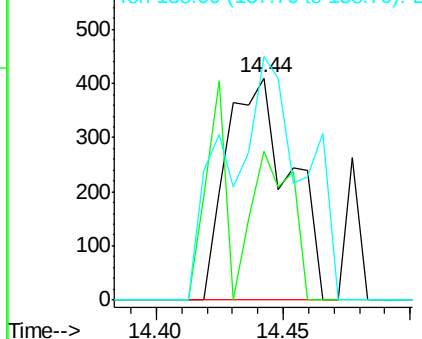


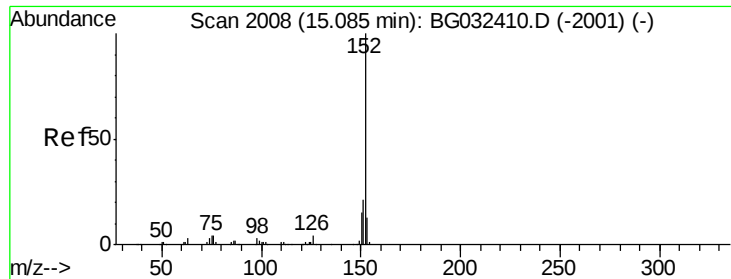
#47
2-Nitroaniline
Concen: 1.025 ng
RT: 14.44 min Scan# 1898
Delta R.T. 0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.1	54.6	82.0
138	109.8	72.9	109.3#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 1.507 ng

RT: 15.06 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

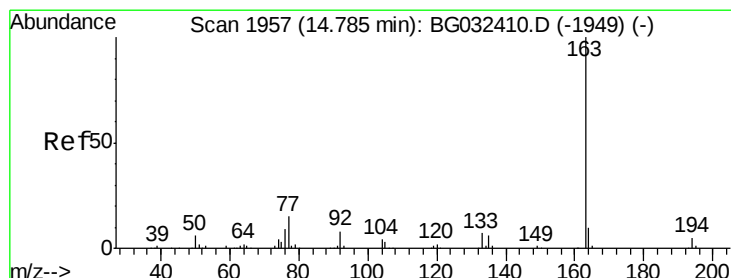
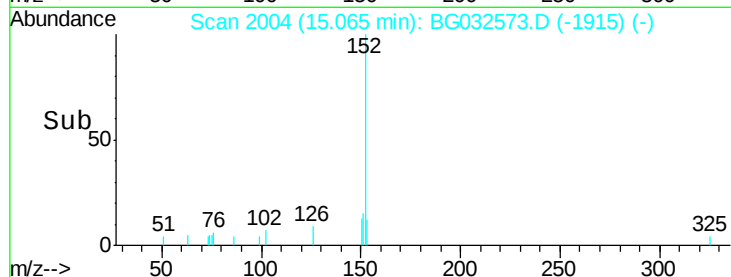
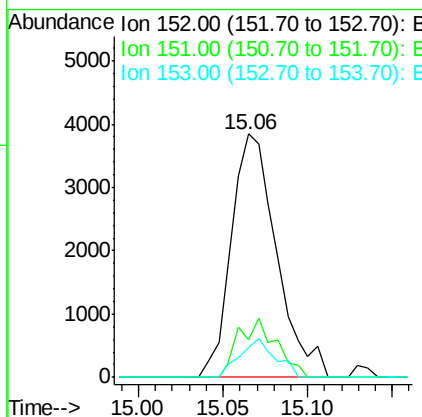
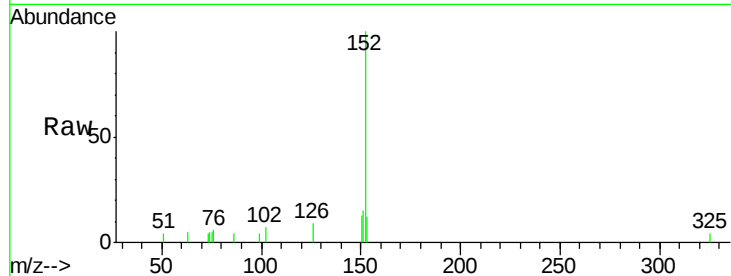
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	152	Resp:	7165
Ion Ratio	Lower	Upper	
152	100		
151	15.2	17.2	25.8#
153	12.4	10.2	15.4

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#49

Dimethylphthalate

Concen: 1.246 ng

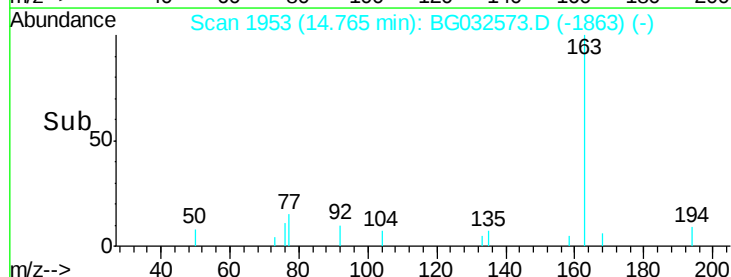
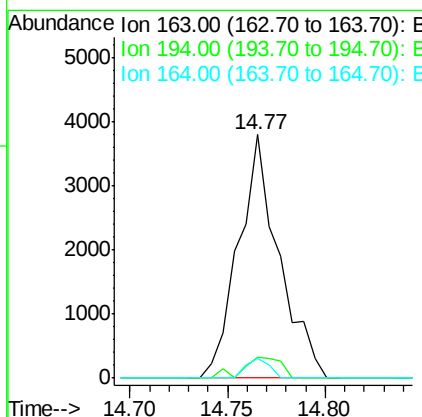
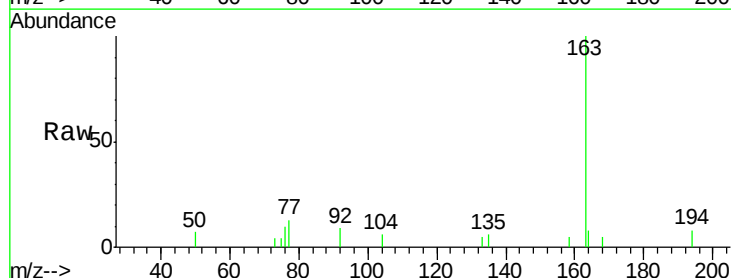
RT: 14.77 min Scan# 1953

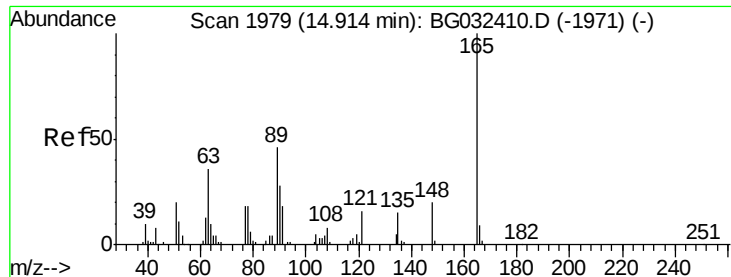
Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	163	Resp:	5457
Ion Ratio	Lower	Upper	
163	100		
194	8.5	3.4	5.2#
164	8.2	8.2	12.4#





#50

2,6-Dinitrotoluene

Concen: 0.976 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

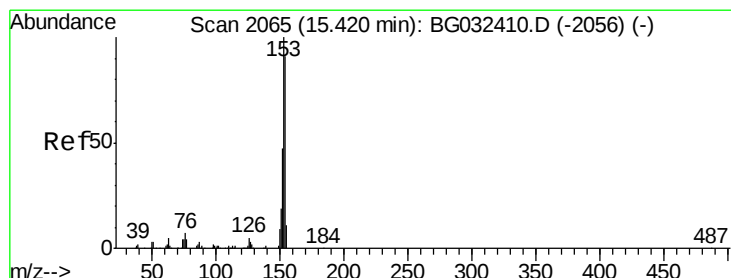
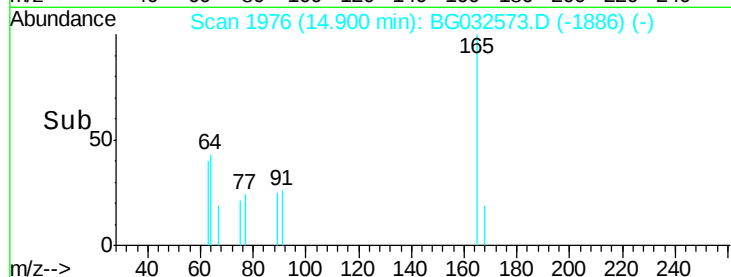
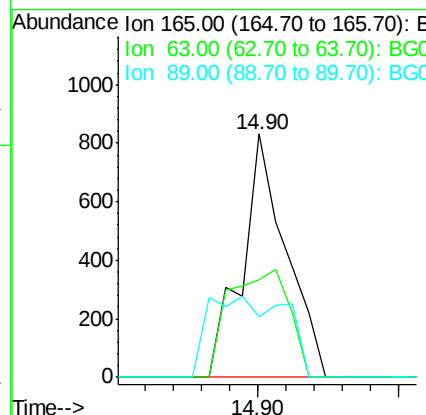
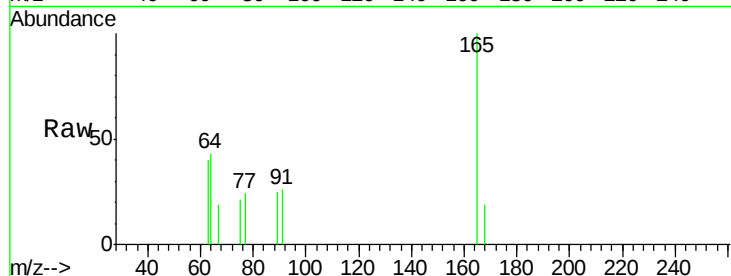
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	165	Resp:	897
Ion Ratio	Lower	Upper	
165	100		
63	40.1	52.7	79.1#
89	24.6	49.2	73.8#

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#51

Acenaphthene

Concen: 1.609 ng

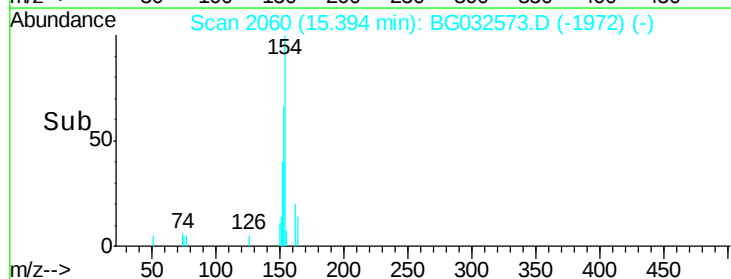
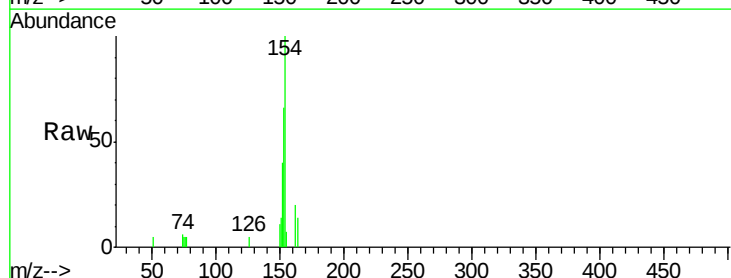
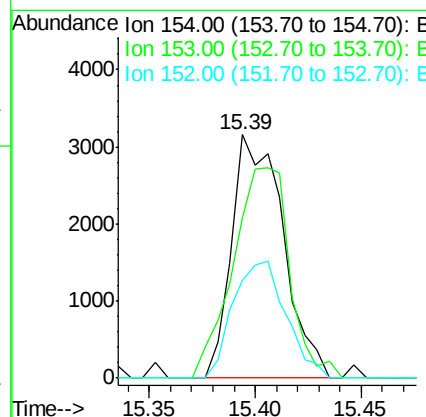
RT: 15.39 min Scan# 2060

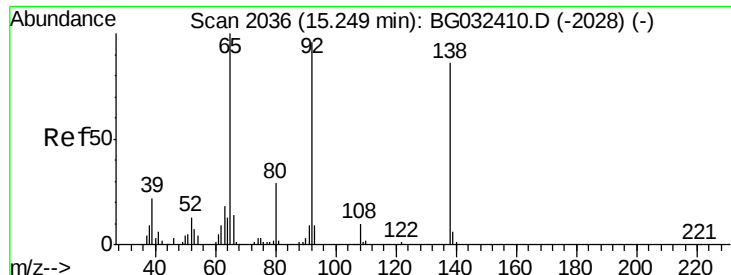
Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	154	Resp:	5305
Ion Ratio	Lower	Upper	
154	100		
153	65.7	90.4	135.6#
152	39.9	41.6	62.4#





#52

3-Nitroaniline

Concen: 0.467 ng

RT: 15.25 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

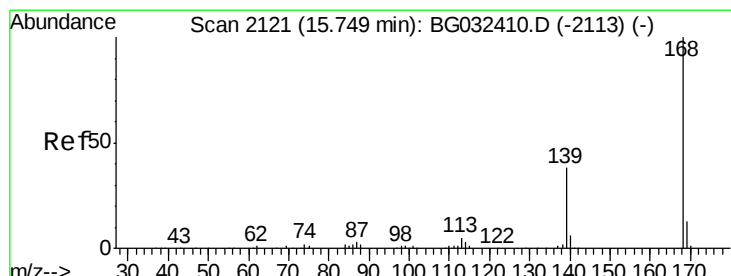
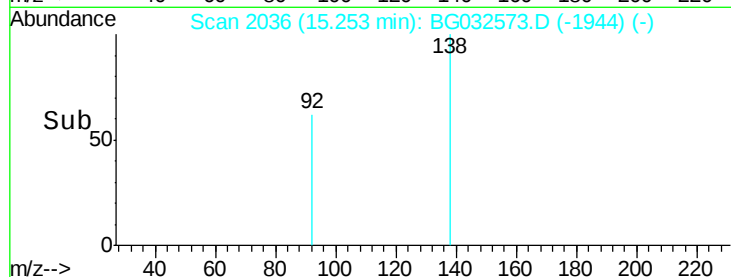
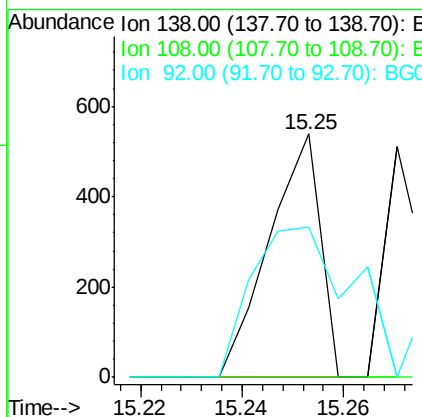
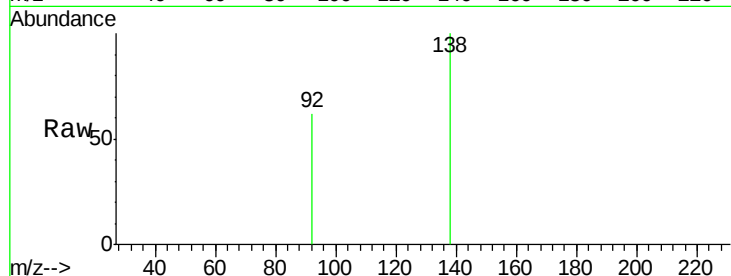
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion:	138	Resp:	375
Ion Ratio	Lower	Upper	
138	100		
108	0.0	17.5	26.3#
92	61.8	105.8	158.8#

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#54

Dibenzofuran

Concen: 1.522 ng

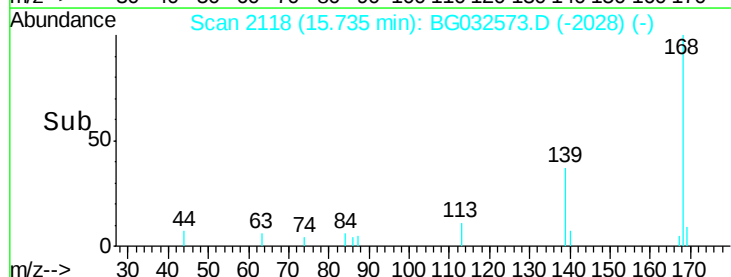
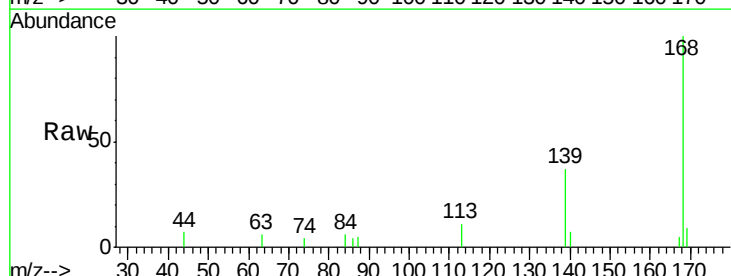
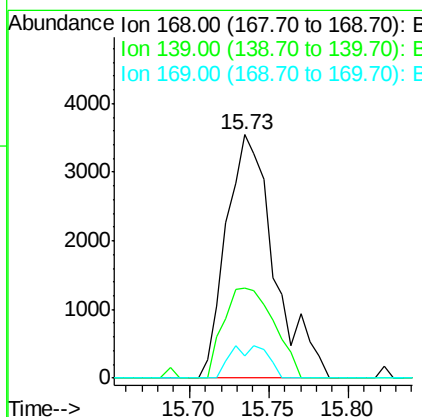
RT: 15.73 min Scan# 2118

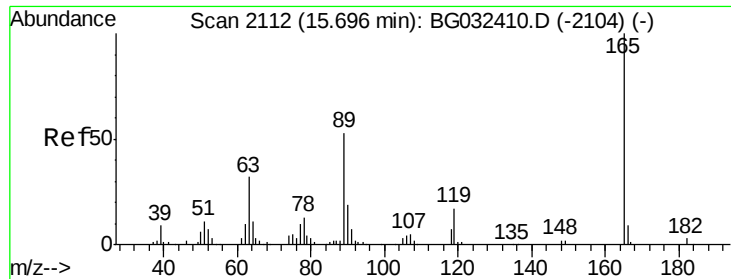
Delta R.T. -0.00 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Tgt Ion:	168	Resp:	7431
Ion Ratio	Lower	Upper	
168	100		
139	37.0	28.6	43.0
169	9.2	11.2	16.8#





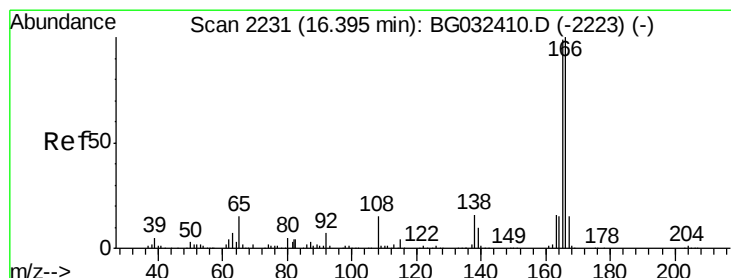
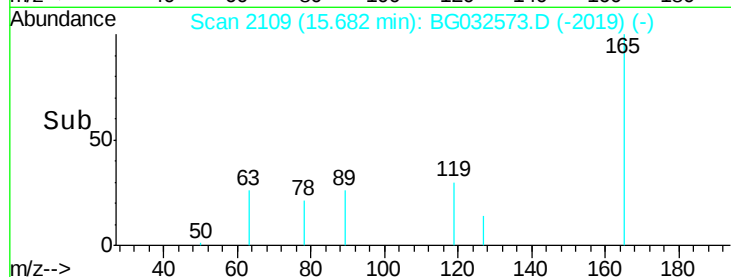
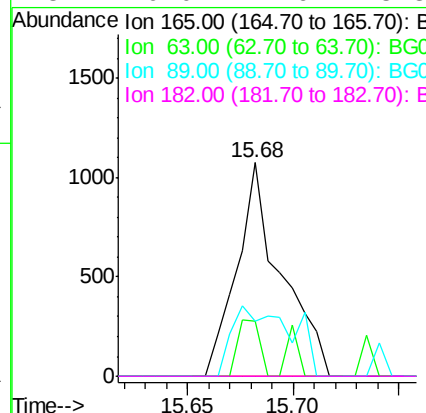
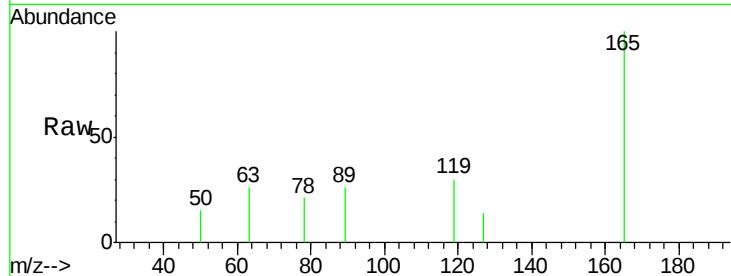
#56
2,4-Dinitrotoluene
Concen: 1.190 ng
RT: 15.68 min Scan# 2109
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion:	165	Resp:	1557
Ion Ratio	Lower	Upper	
165	100		
63	26.0	42.0	63.0#
89	26.0	66.9	100.3#
182	0.0	2.6	3.8#

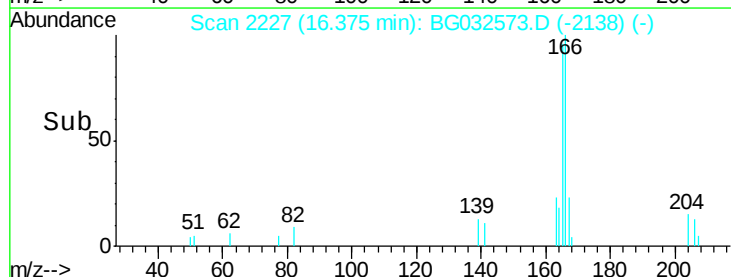
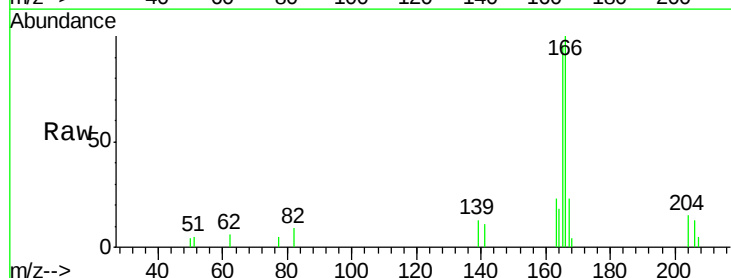
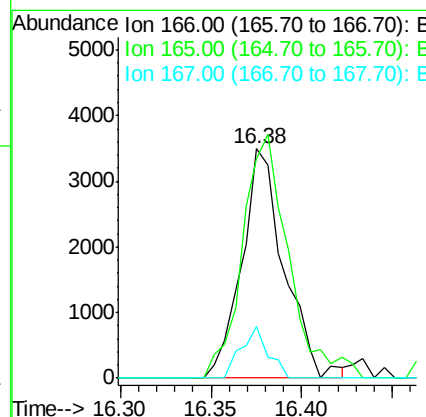
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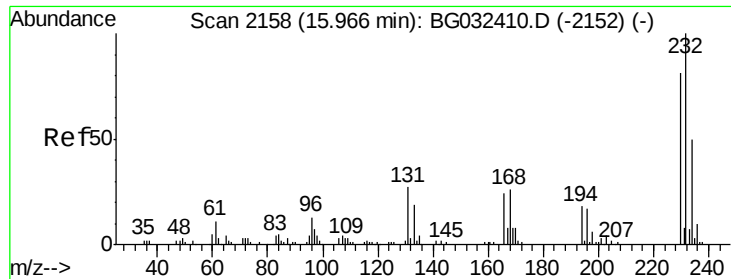
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#57
Fluorene
Concen: 1.396 ng
RT: 16.38 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion:	166	Resp:	5663
Ion Ratio	Lower	Upper	
166	100		
165	95.5	80.6	121.0
167	22.5	10.4	15.6#





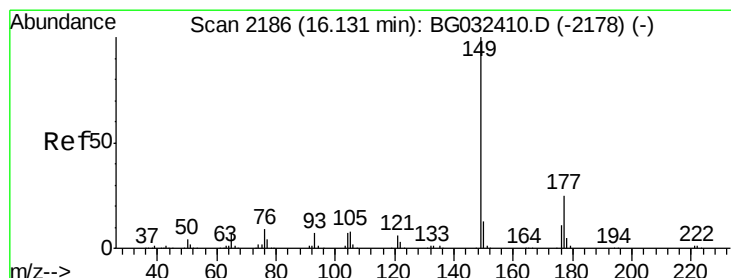
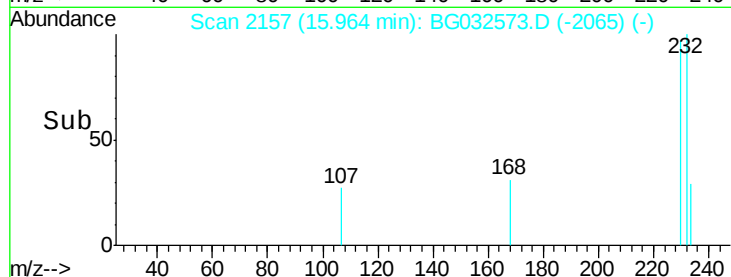
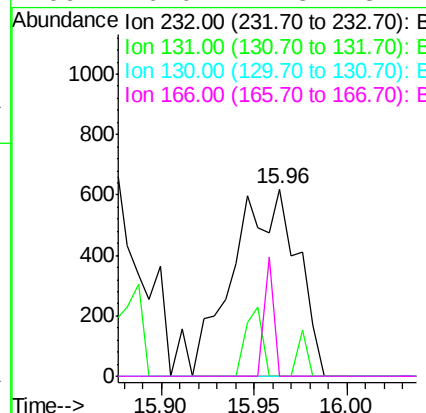
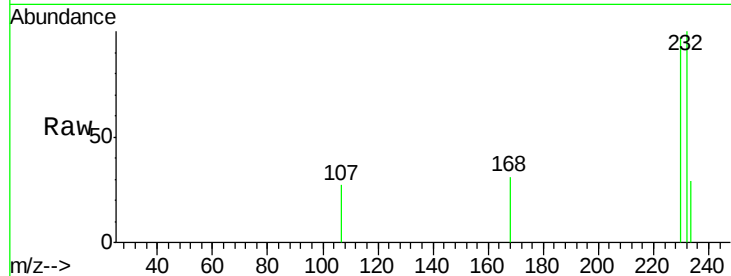
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.061 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. 0.01 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
232	100		
131	9.8	33.5	50.3#
130	0.0	2.2	3.2#
166	0.0	24.8	37.2#

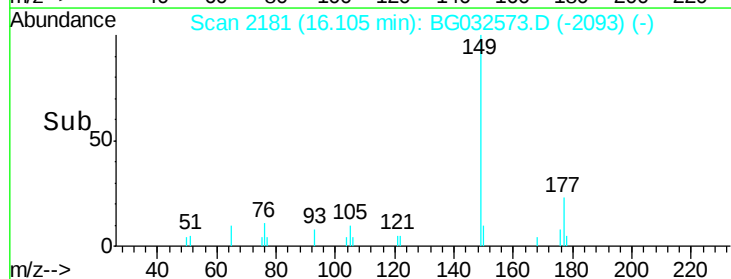
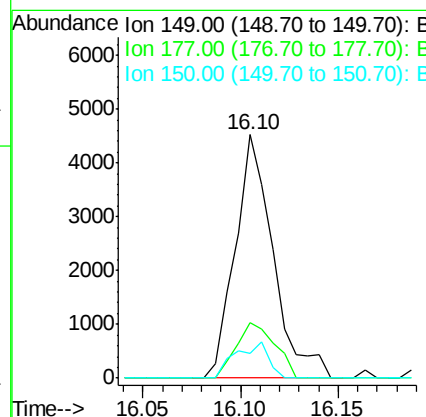
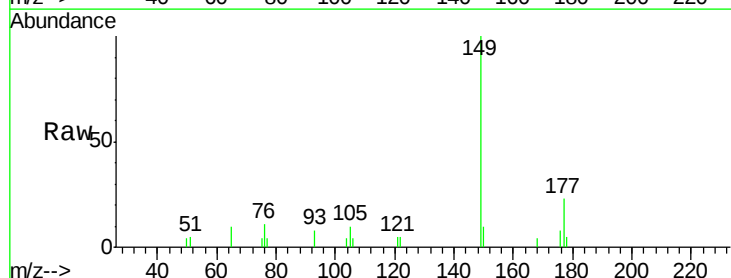
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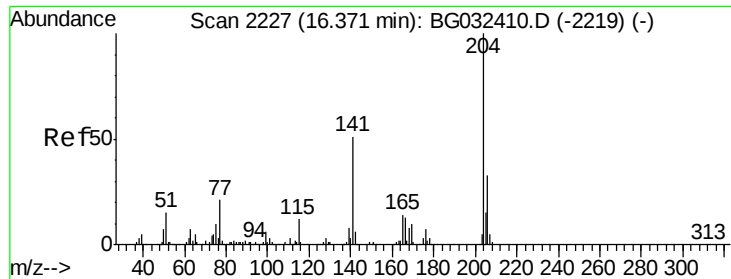
Sohil
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#59
 Diethylphthalate
 Concen: 1.428 ng
 RT: 16.10 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	18.5	27.7
150	9.9	10.2	15.2#





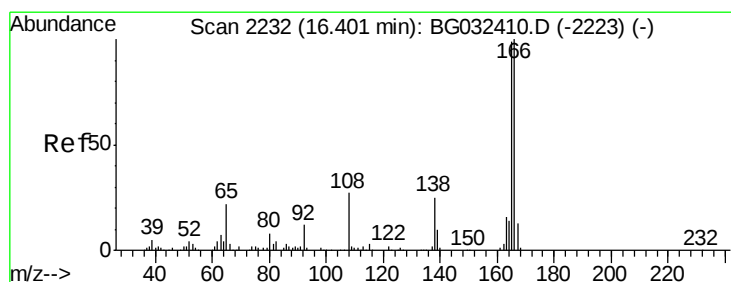
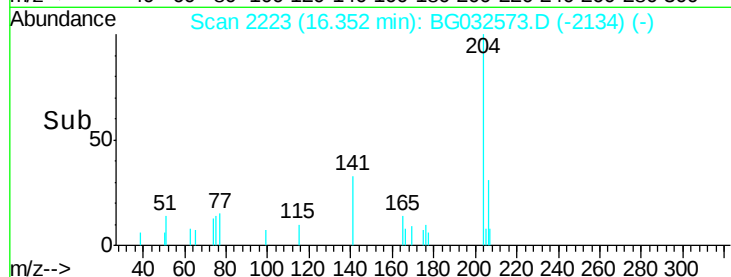
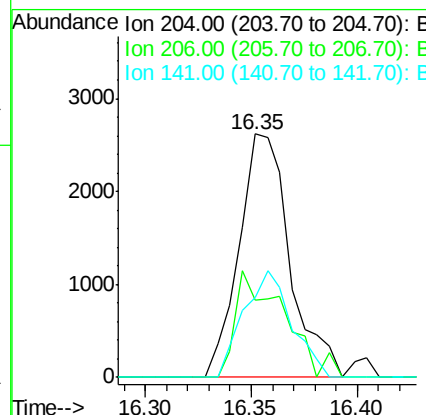
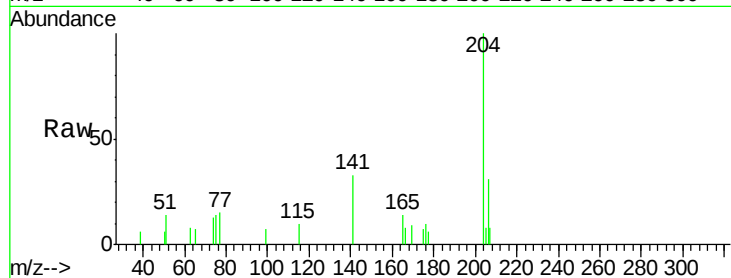
#60
4-Chlorophenyl-phenylether
Concen: 1.711 ng
RT: 16.35 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	33.0	45.8	68.6

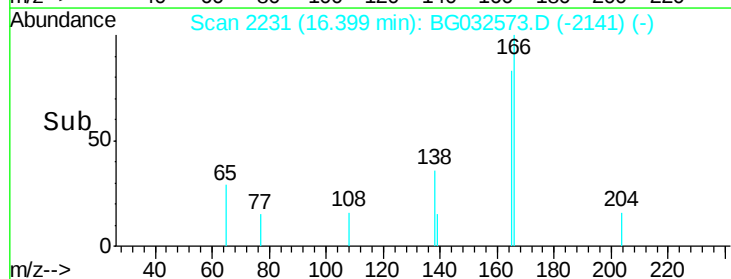
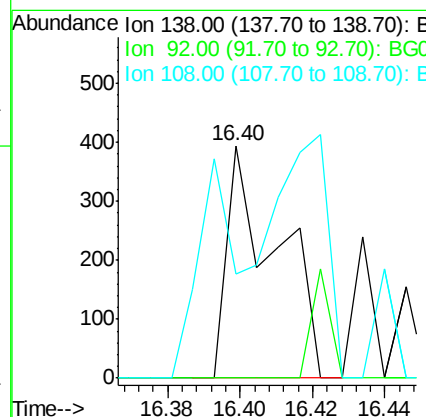
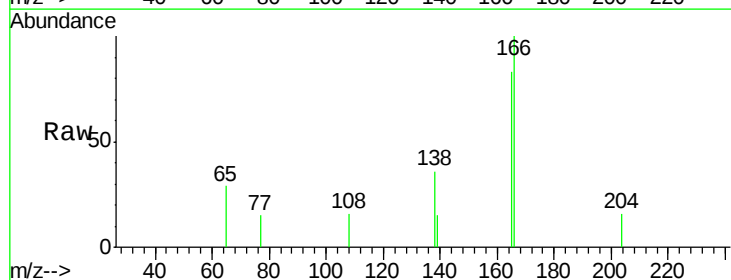
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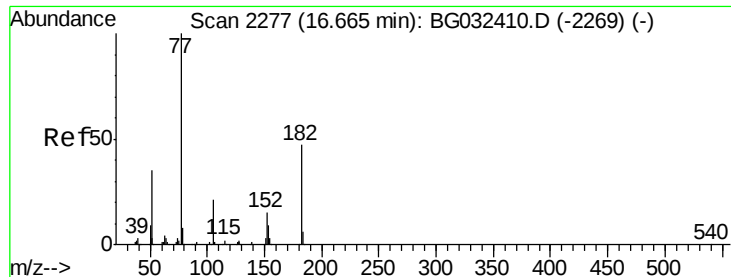
Sohil
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#61
4-Nitroaniline
Concen: 0.433 ng
RT: 16.40 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
138	100		
92	0.0	40.1	80.1
108	44.7	65.4	105.4





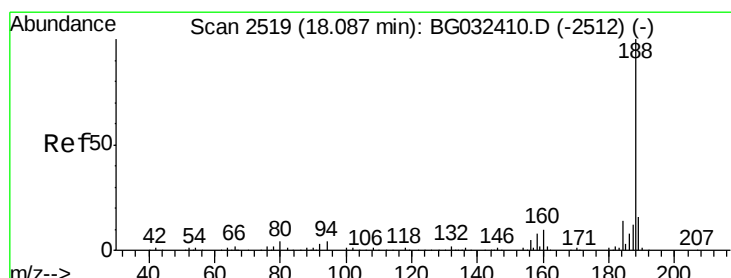
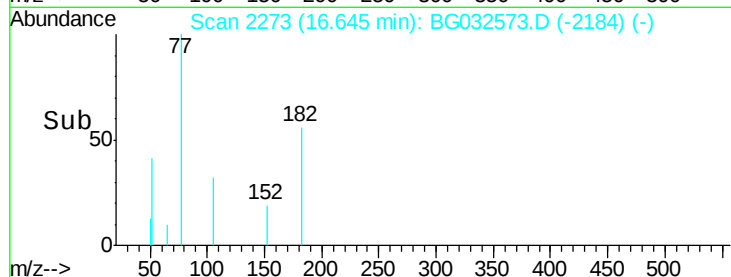
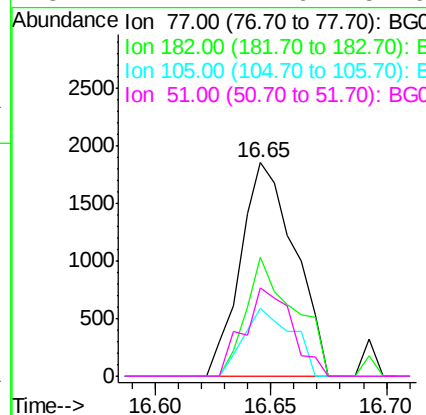
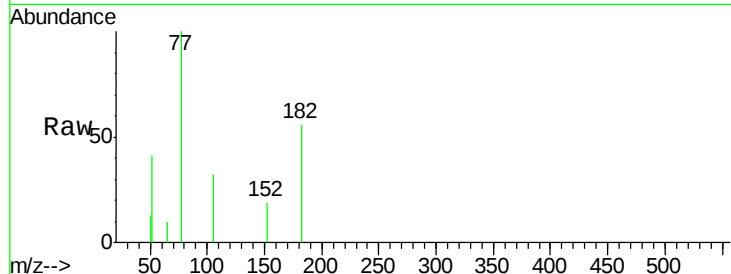
#62
Azobenzene
Concen: 1.190 ng
RT: 16.65 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
77	100		
182	55.6	7.4	47.4#
105	32.0	0.3	40.3
51	41.1	11.6	51.6

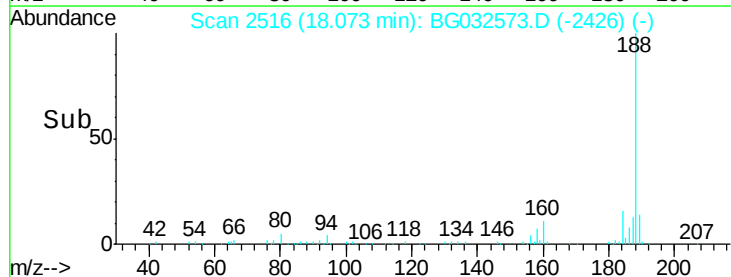
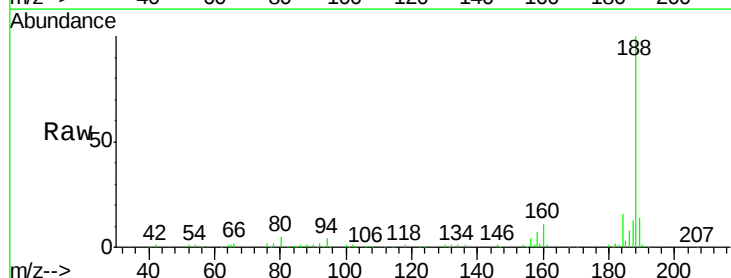
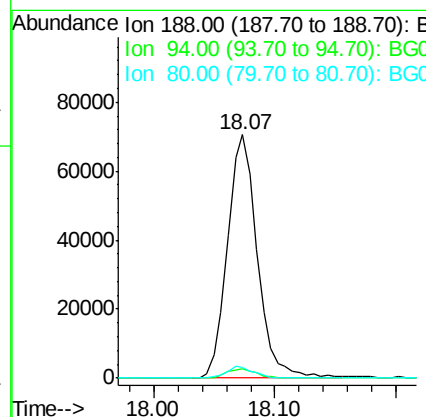
Manual Integrations
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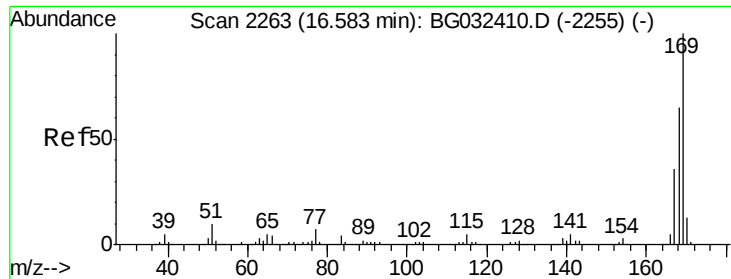
Sohil
2/7/2018 4:14:37 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.0	6.9	10.3#
80	4.5	7.7	11.5#





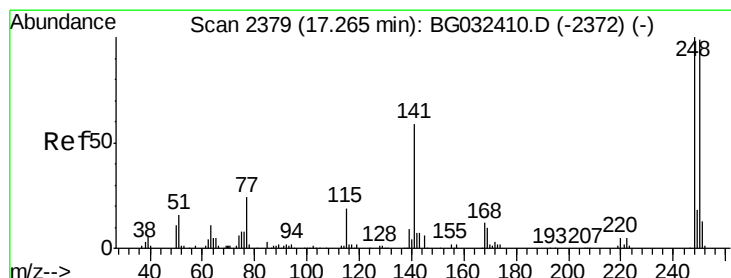
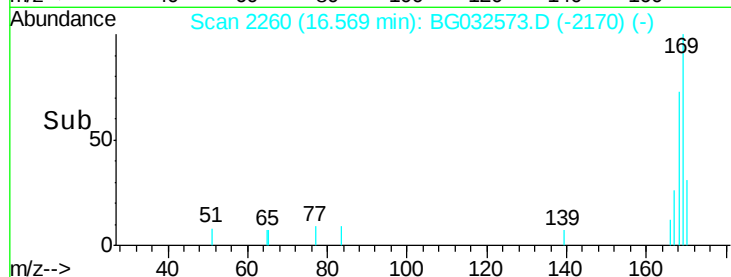
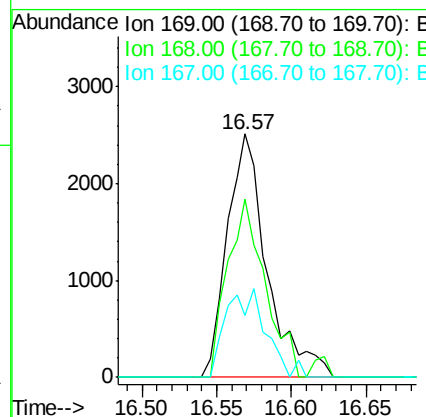
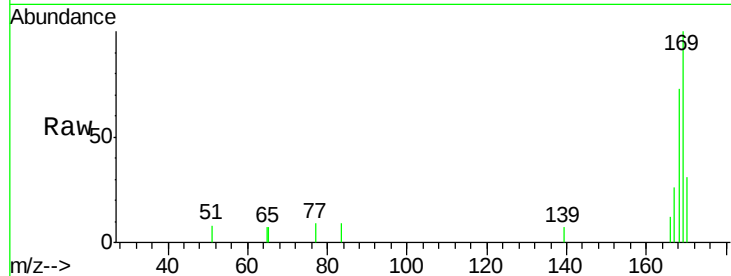
#65
 n-Nitrosodiphenylamine
 Concen: 1.300 ng
 RT: 16.57 min Scan# 2260
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
169	100		
168	73.5	55.7	83.5
167	25.6	30.1	45.1

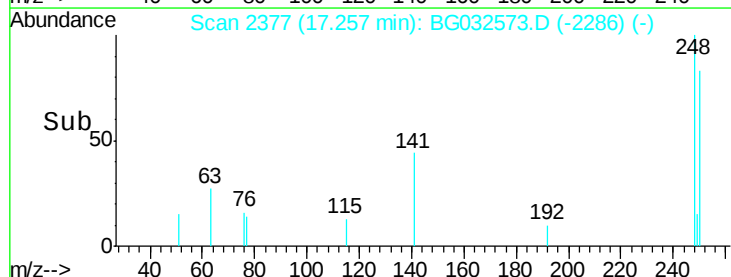
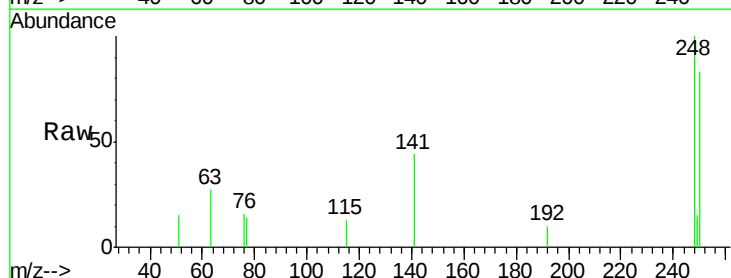
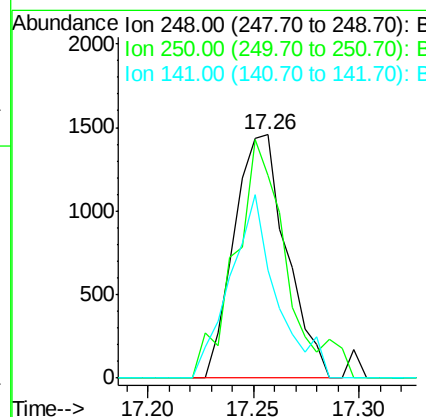
Manual Integrations
 APPROVED

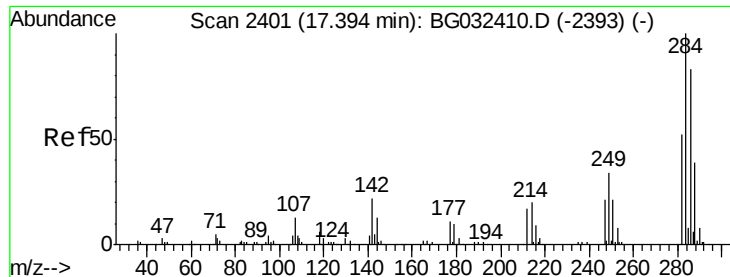
Sohil
 2/7/2018 4:14:37 PM



#66
 4-Bromophenyl-phenylether
 Concen: 1.395 ng
 RT: 17.26 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	83.4	77.1	115.7
141	44.3	50.8	76.2





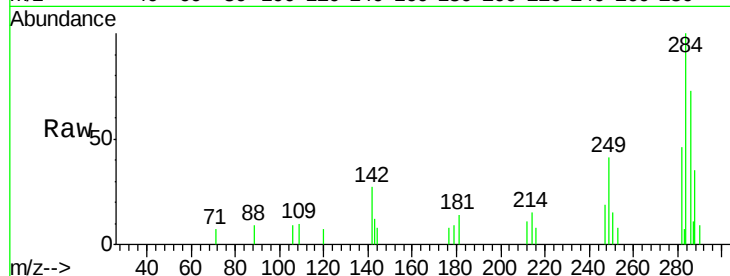
#67
Hexachlorobenzene
Concen: 1.670 ng
RT: 17.37 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

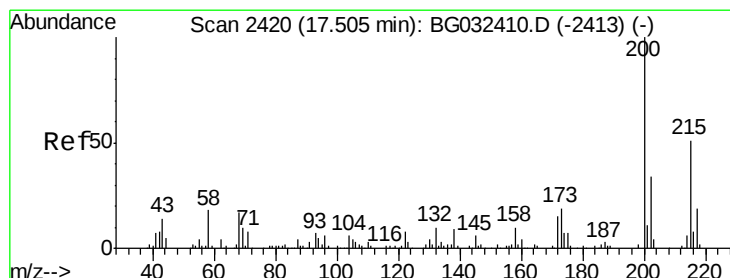
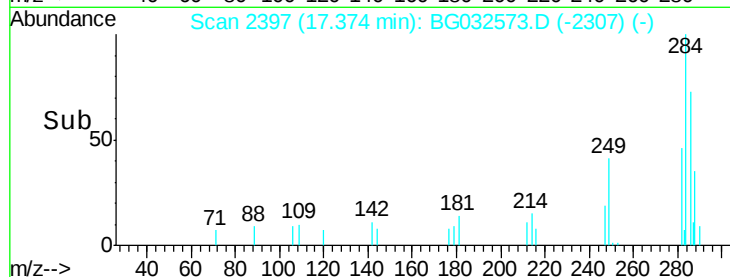
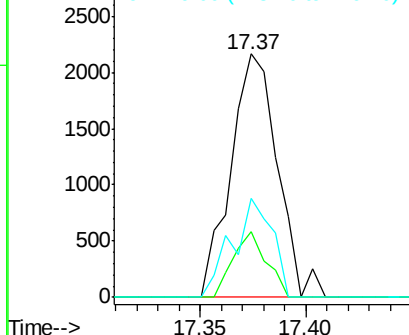
Tot Ion	Ratio	Lower	Upper
284	100		
142	27.1	26.8	40.2
249	40.6	26.3	39.5

Manual Integrations
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2/7/2018 4:14:37 PM

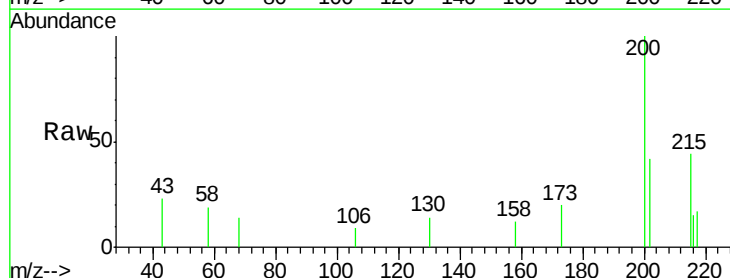


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

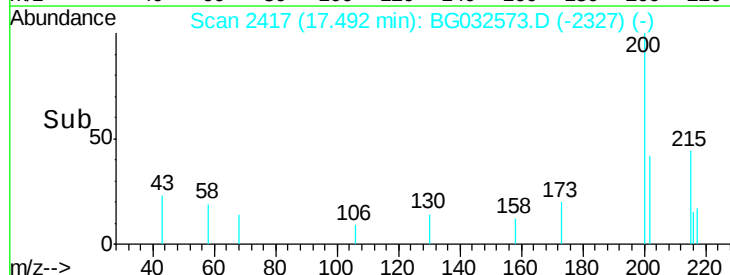
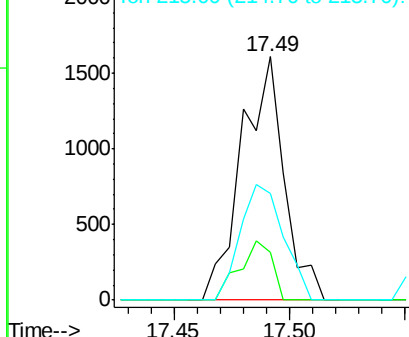


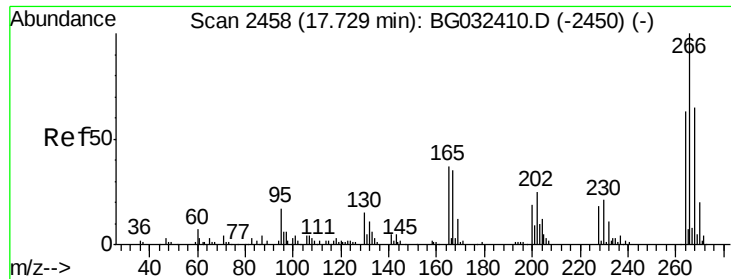
#68
Atrazine
Concen: 1.332 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
200	100		
173	19.9	5.2	45.2
215	43.9	30.4	70.4



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





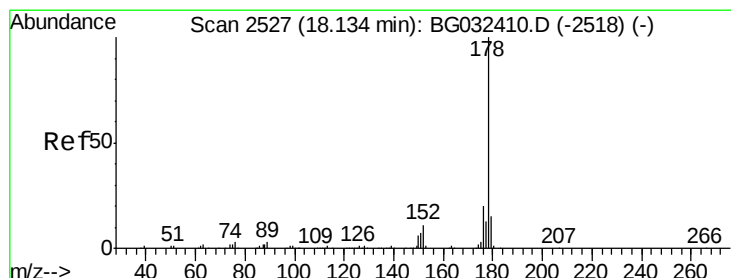
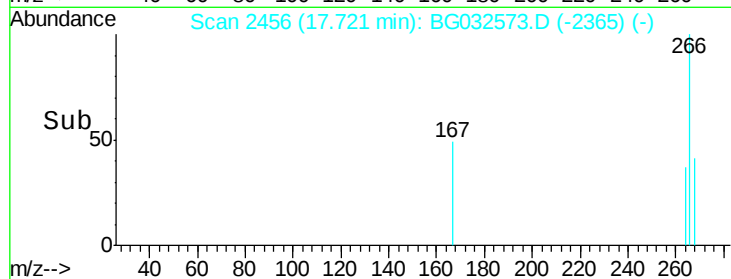
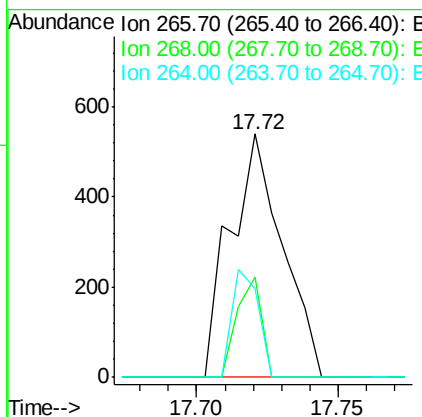
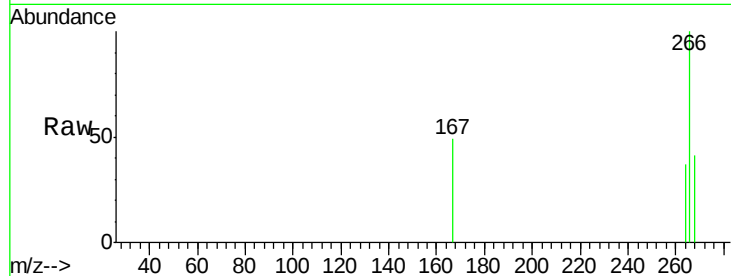
#69
 Pentachlorophenol
 Concen: 0.556 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	41.3	51.1	76.7#
264	36.7	49.6	74.4#

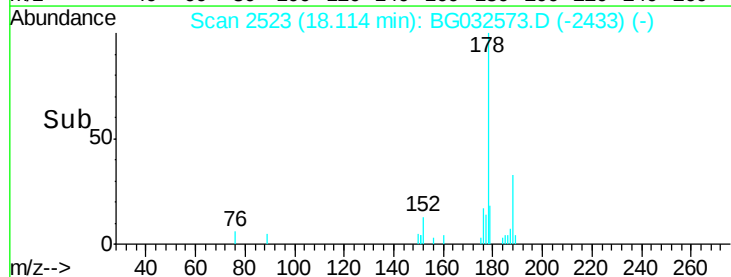
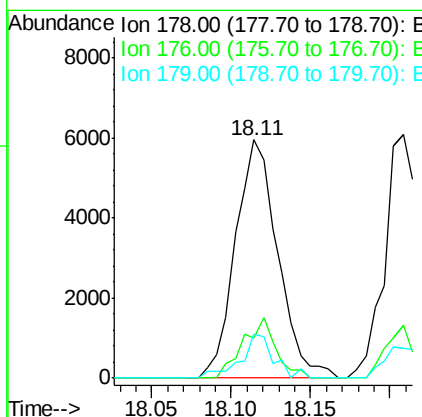
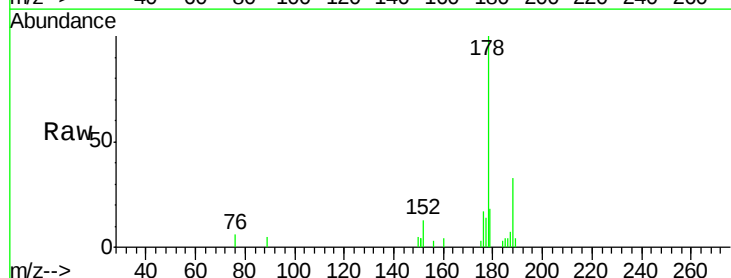
Manual Integrations
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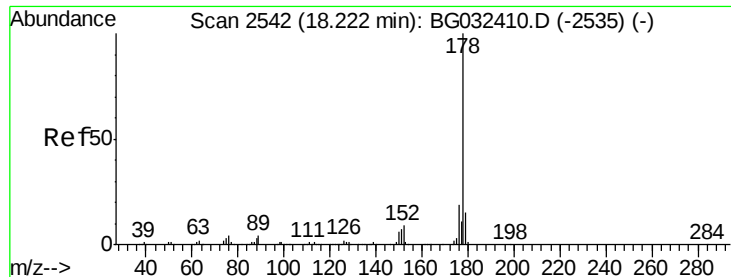
Sohil
 2/7/2018 4:14:37 PM



#70
 Phenanthrene
 Concen: 1.637 ng
 RT: 18.11 min Scan# 2523
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.7	15.7	23.5
179	18.2	12.5	18.7





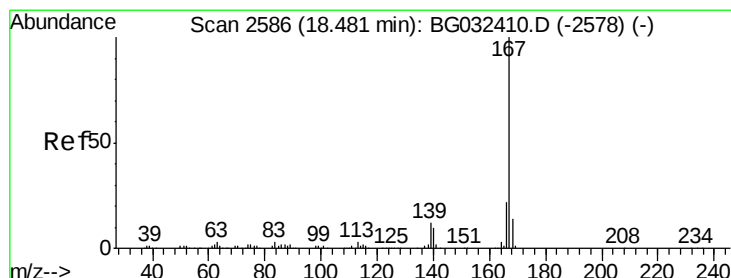
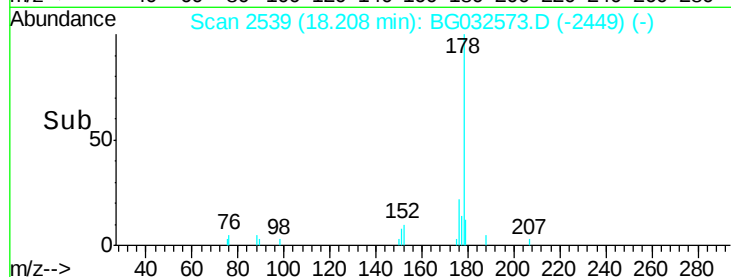
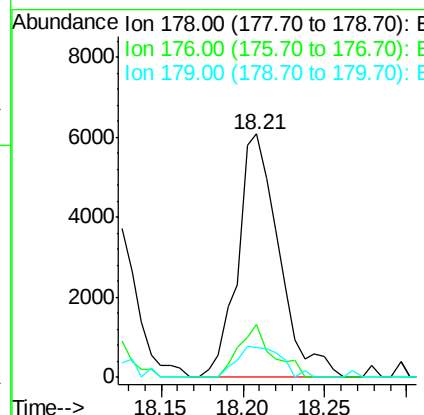
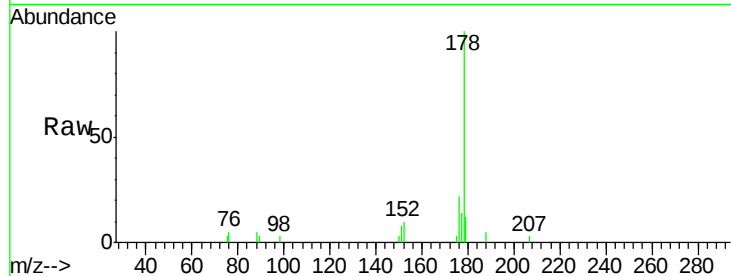
#71
 Anthracene
 Concen: 1.591 ng/mL
 RT: 18.21 min Scan# 2539
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.8	16.0	24.0
179	12.0	12.5	18.7

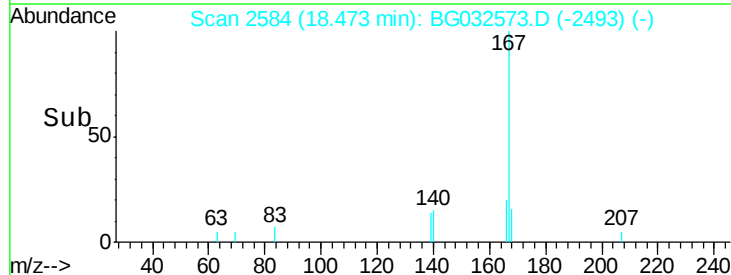
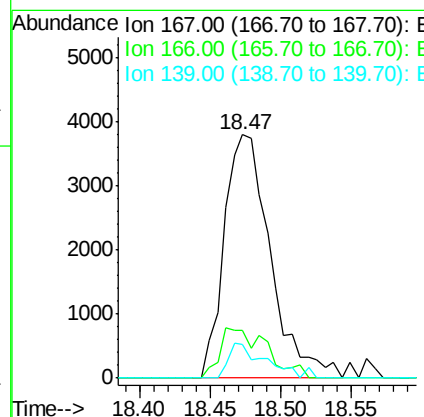
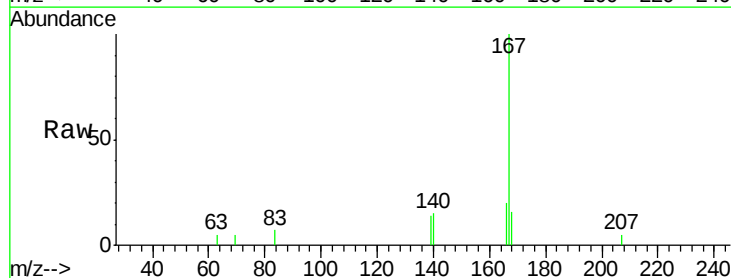
Manual Integrations
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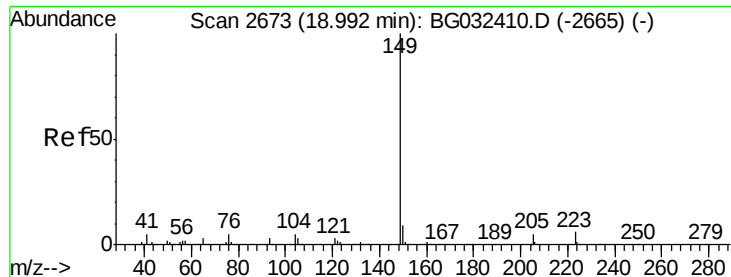
Sohil
 2/7/2018 4:14:37 PM



#72
 Carbazole
 Concen: 1.454 ng/mL
 RT: 18.47 min Scan# 2584
 Delta R.T. 0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.8	18.2	27.4
139	13.9	9.4	14.2





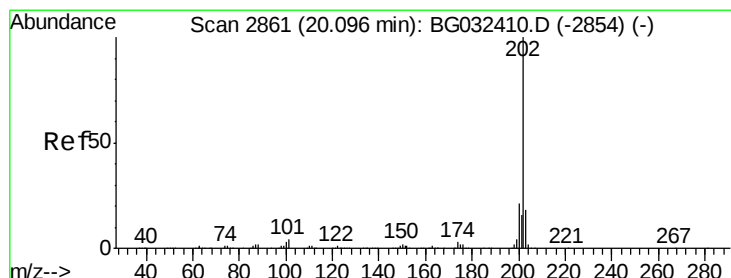
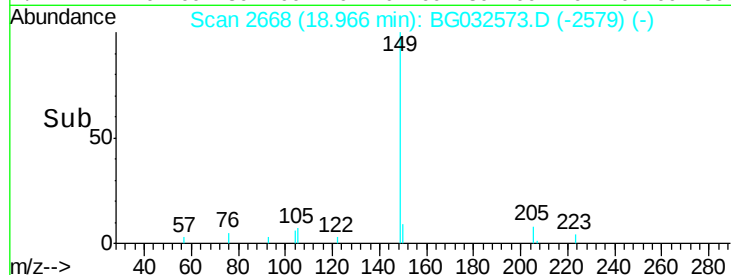
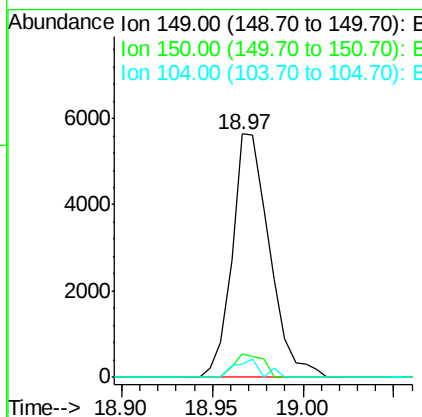
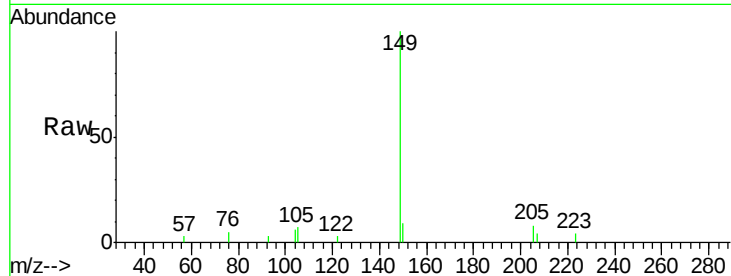
#73
Di-n-butylphthalate
Concen: 1.226 ng
RT: 18.97 min Scan# 2668
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	5.6	3.9	5.9

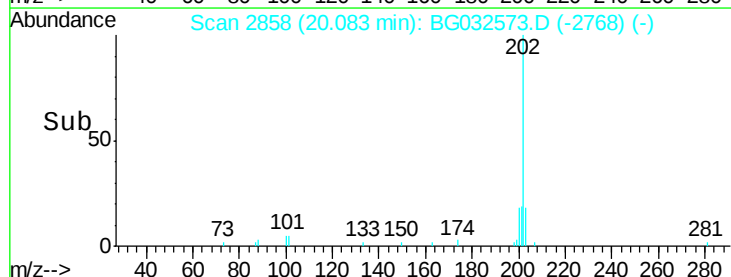
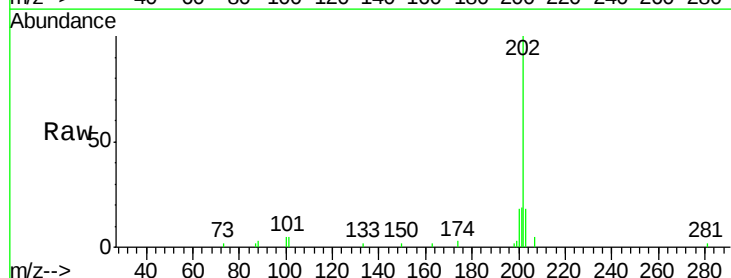
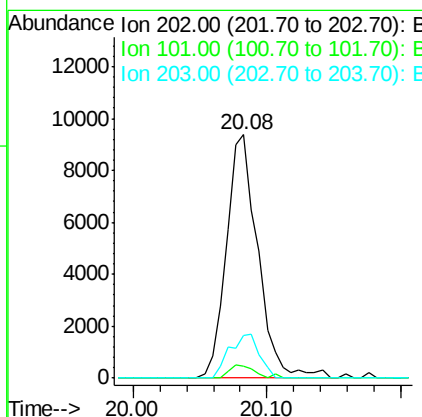
Manual Integrations
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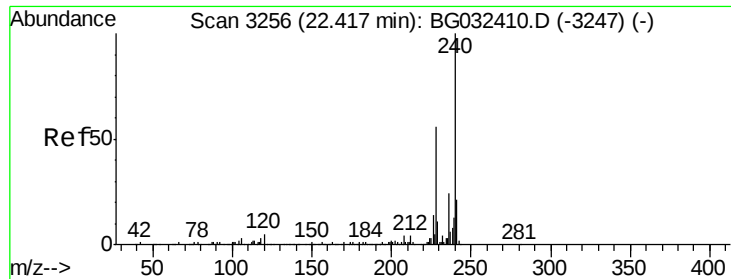
Sohil
2/7/2018 4:14:37 PM



#74
Fluoranthene
Concen: 1.751 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.6	0.0	28.9
203	17.7	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3252

Delta R.T. -0.01 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

Instrument :

BNA_G

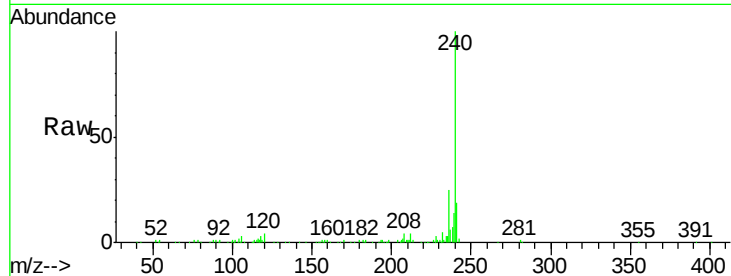
ClientSampleId :

MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	3.5	6.8	10.2#
236	24.6	20.9	31.3

Manual Integrations
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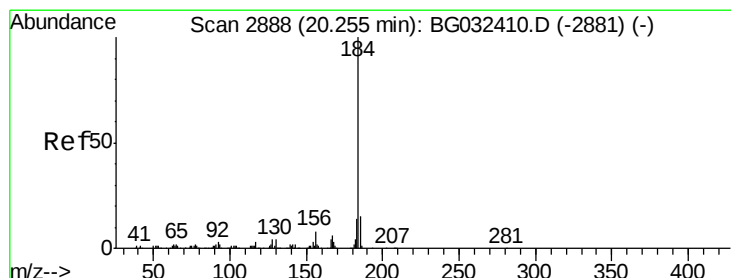
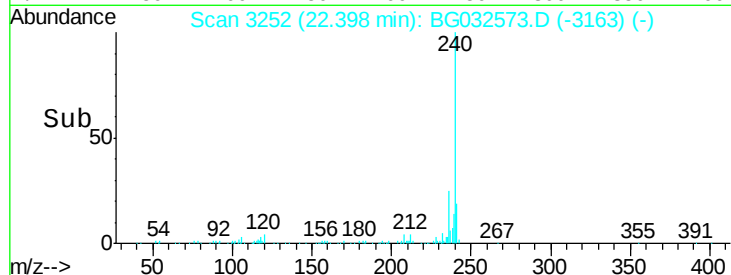
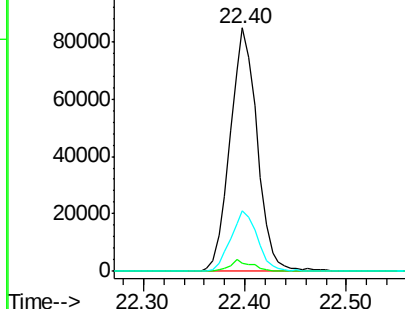
Sohil
2/7/2018 4:14:37 PM



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



#76

Benzidine

Concen: 0.294 ng m

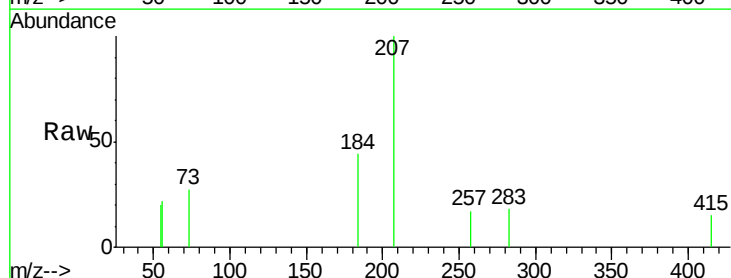
RT: 20.26 min Scan# 2888

Delta R.T. 0.02 min

Lab File: BG032573.D

Acq: 6 Feb 2018 19:40

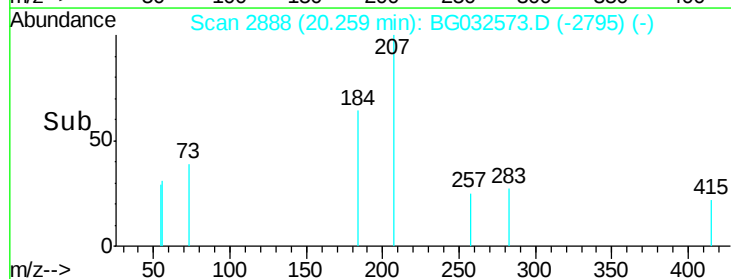
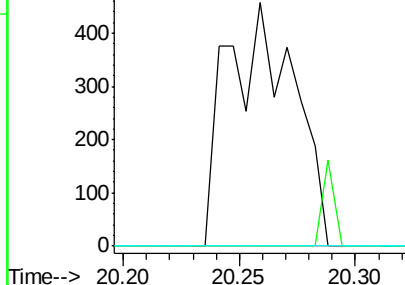
Tgt Ion	Ratio	Lower	Upper
184	100		
185	0.0	11.1	16.7#
183	0.0	10.6	16.0#

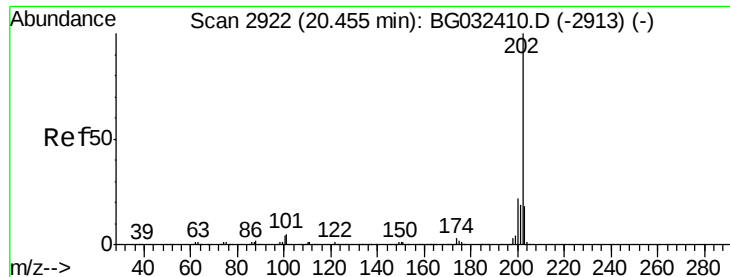


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





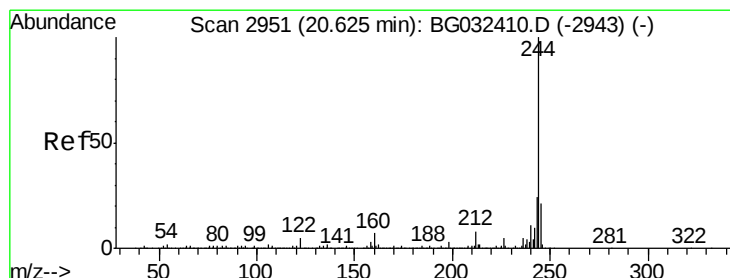
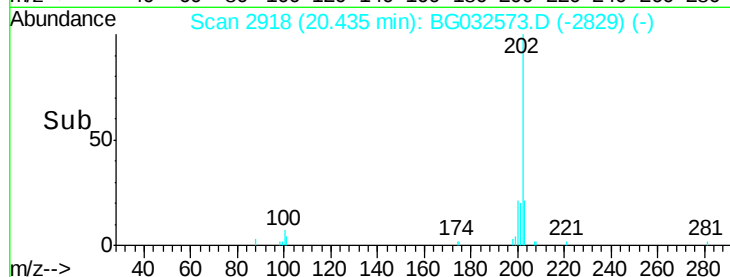
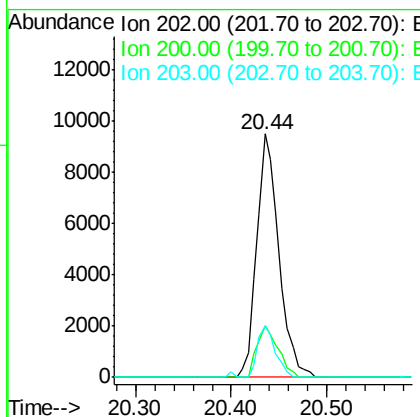
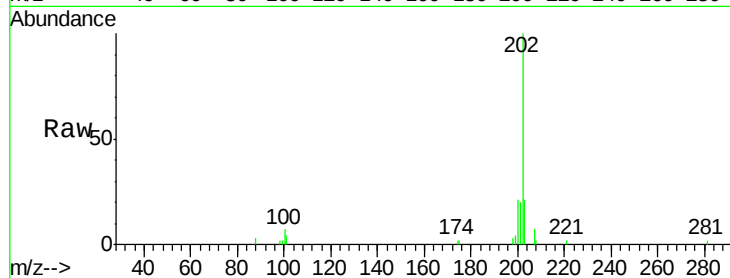
#77
Pvrene
Concen: 1.586 ng/ml
RT: 20.44 min Scan# 2918
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	21.4	13.9	20.9

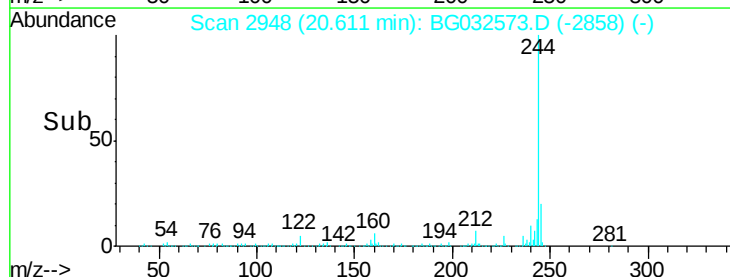
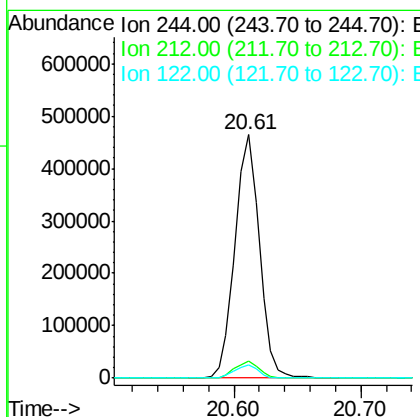
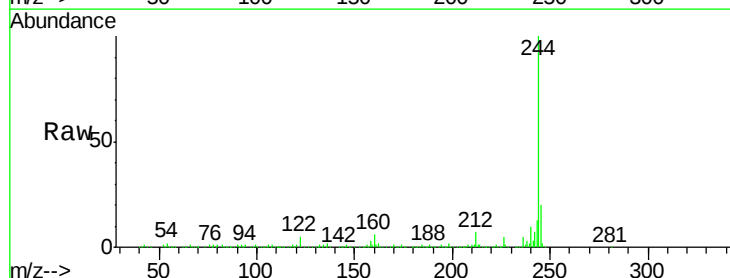
Manual Integrations
APPROVED

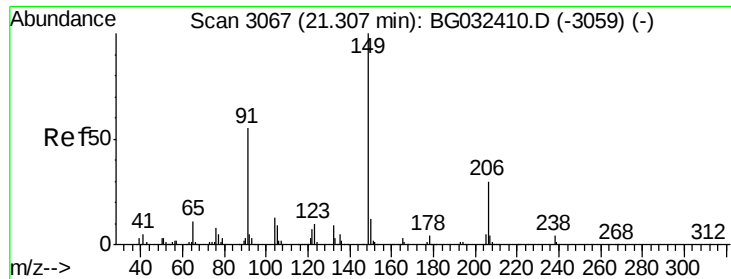
Sohil
2/7/2018 4:14:37 PM



#78
Terphenyl-d14
Concen: 84.438 ng
RT: 20.61 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	5.4	7.0	10.4





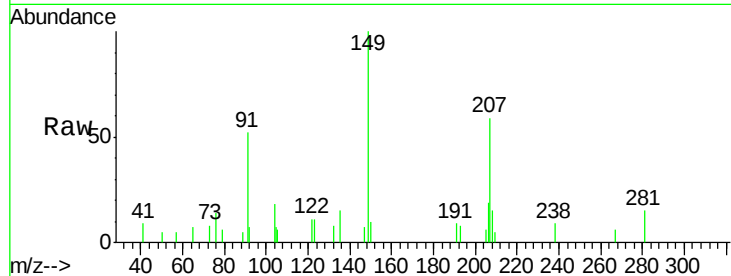
#79
Butylbenzylphthalate
Concen: 1.446 ng
RT: 21.30 min Scan# 3065
Delta R.T. 0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

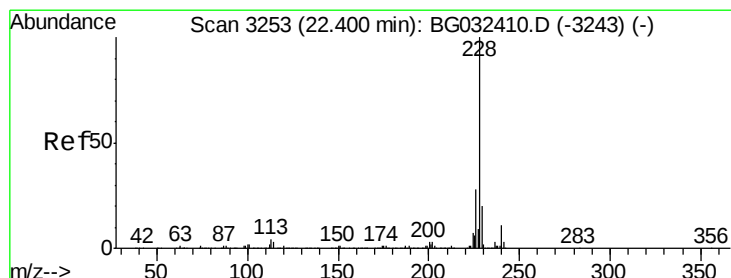
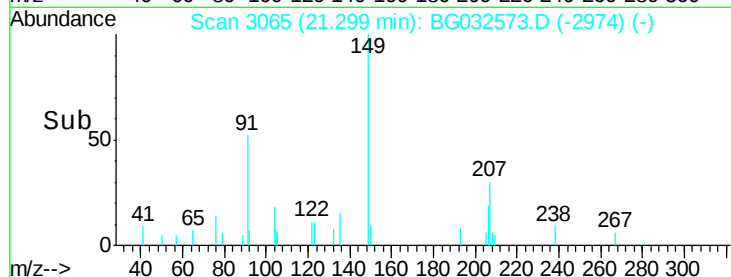
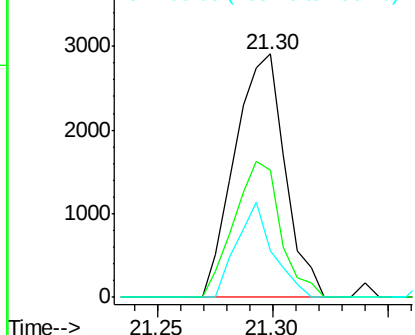
Tot Ion	Ratio	Lower	Upper
149	100		
91	52.3	62.2	93.2#
206	19.1	18.6	27.8

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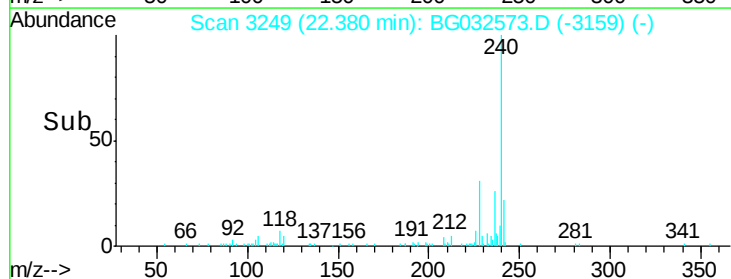
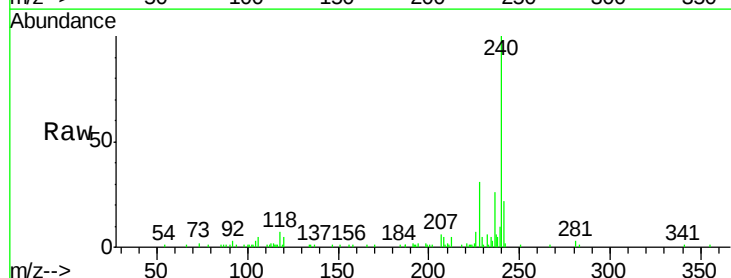
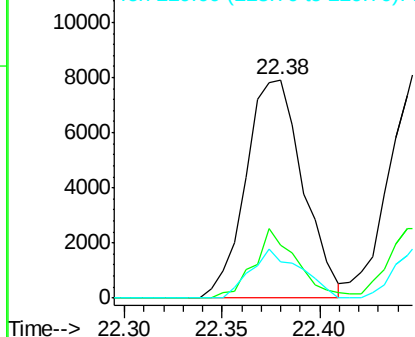
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

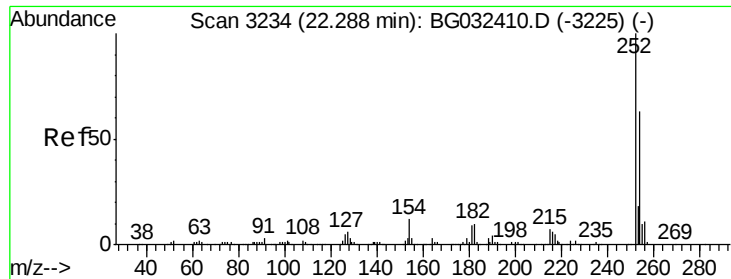


#80
Benzo(a)anthracene
Concen: 1.647 ng
RT: 22.38 min Scan# 3249
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	24.5	22.7	34.1
229	16.9	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





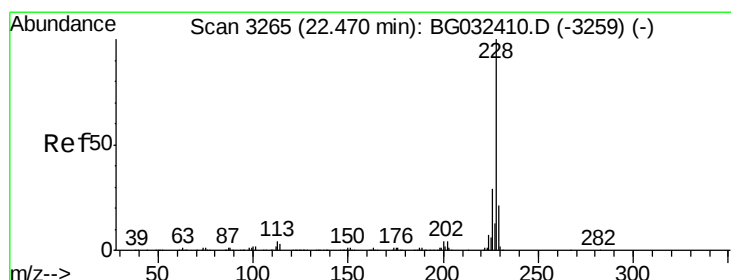
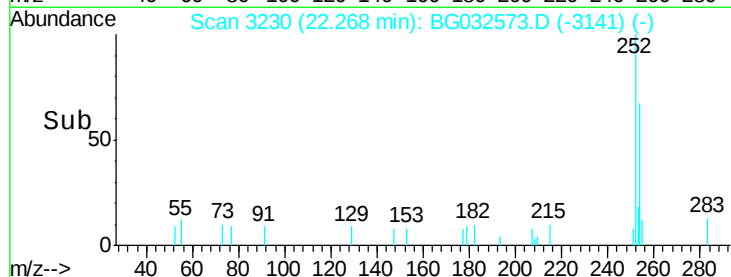
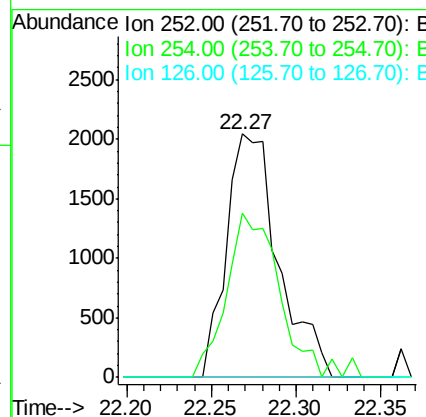
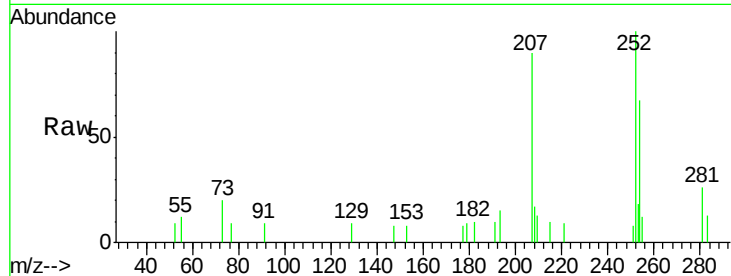
#81
 3,3'-Dichlorobenzidine
 Concen: 1.159 ng
 RT: 22.27 min Scan# 3230
 Delta R.T. -0.01 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	67.3	50.8	76.2
126	0.0	7.4	11.2

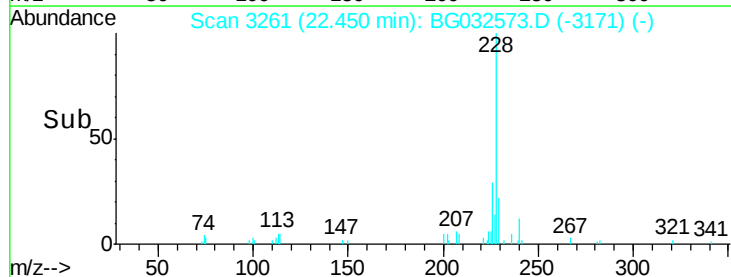
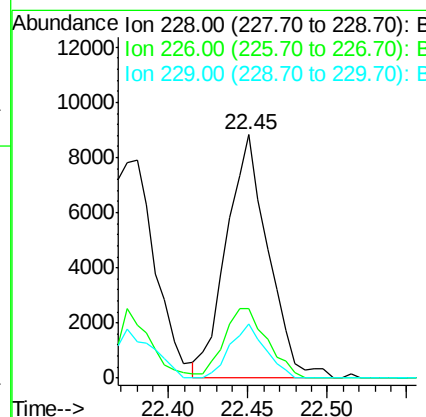
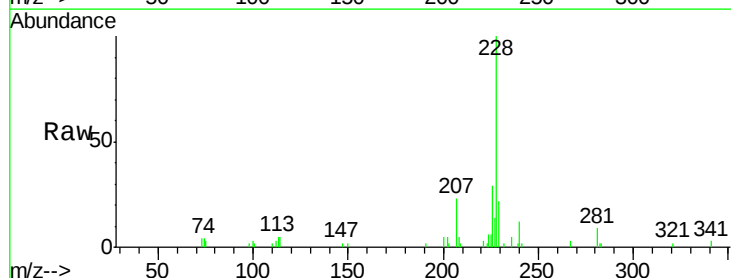
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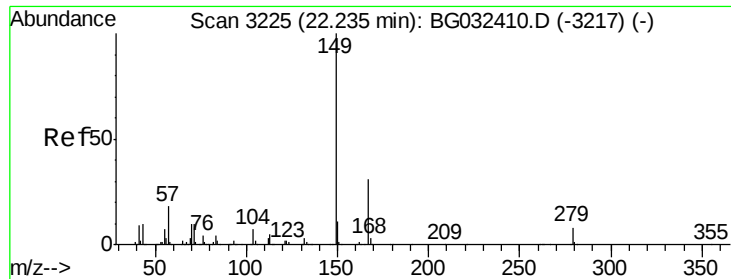
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#82
 Chrysene
 Concen: 1.716 ng
 RT: 22.45 min Scan# 3261
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	24.9	37.3
229	22.3	15.0	22.4





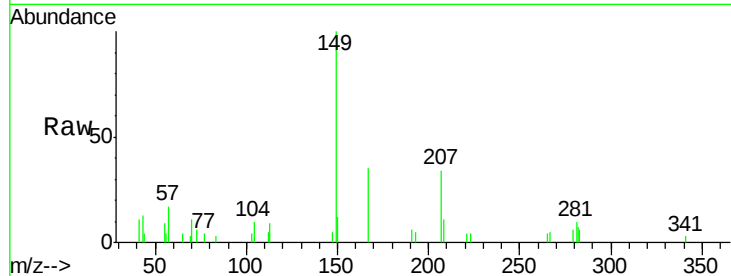
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.627 ng
 RT: 22.22 min Scan# 3221
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

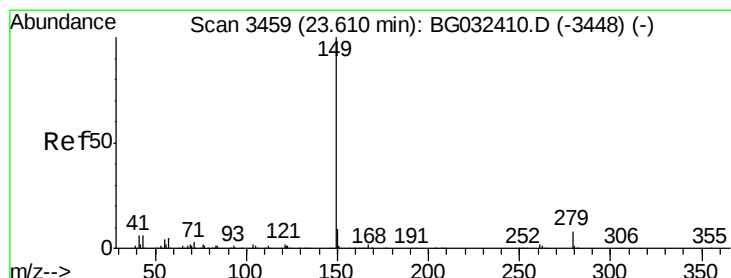
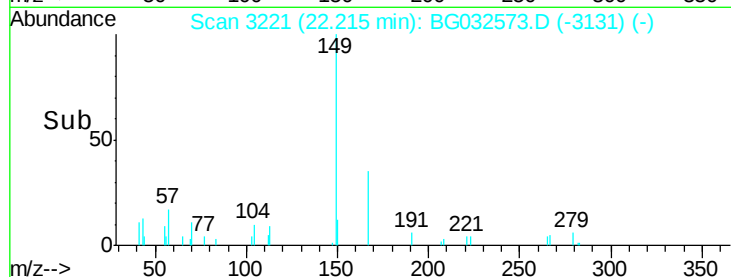
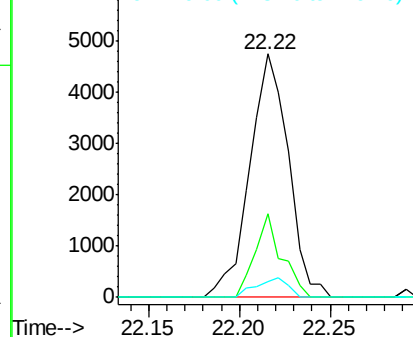
Tot Ion	Ratio	Lower	Upper
149	100		
167	34.6	24.3	36.5
279	6.3	4.0	6.0#

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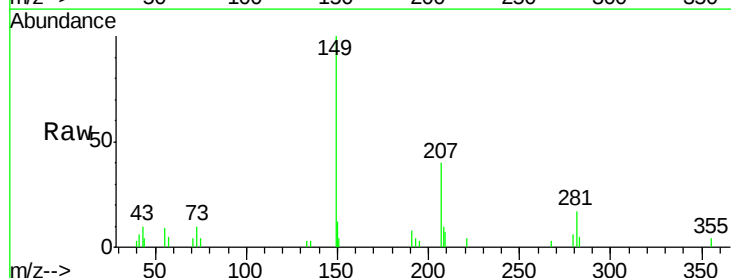


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

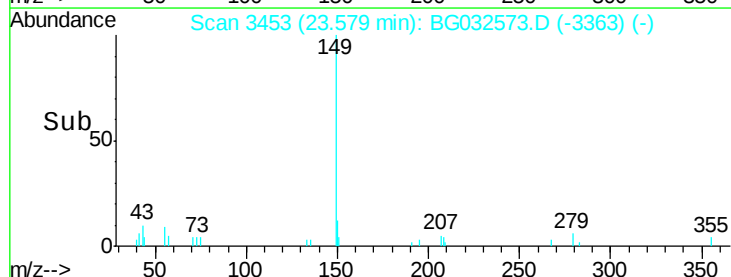
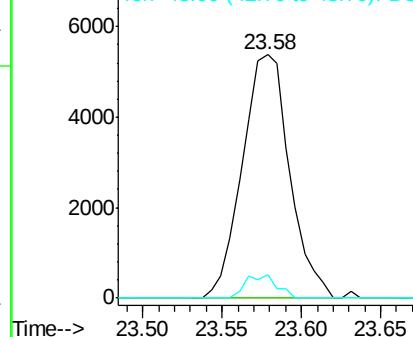


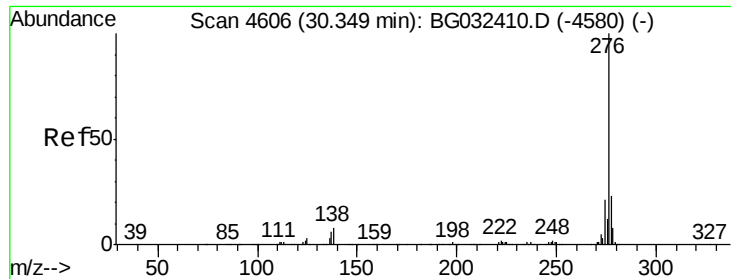
#84
 Di-n-octyl phthalate
 Concen: 1.627 ng
 RT: 23.58 min Scan# 3453
 Delta R.T. -0.00 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.4	2.0#
43	6.2	8.9	13.3#



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): BG0





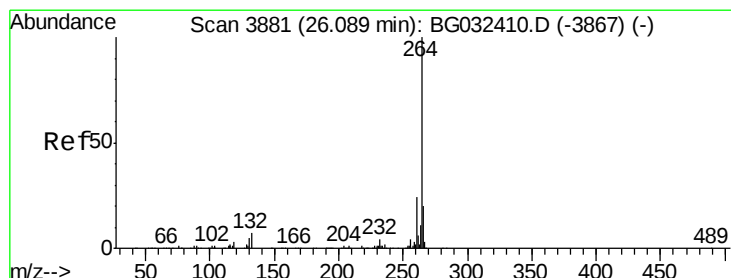
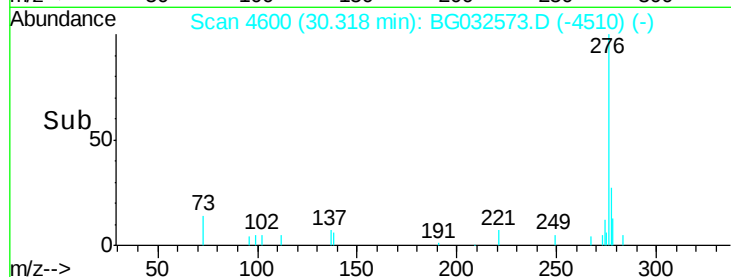
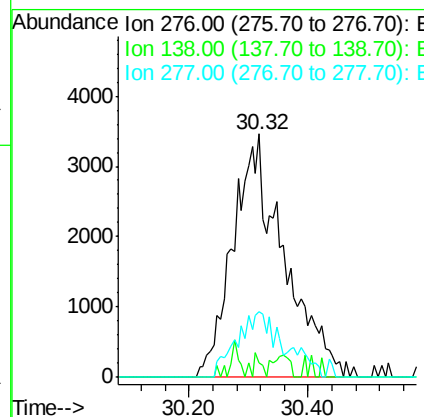
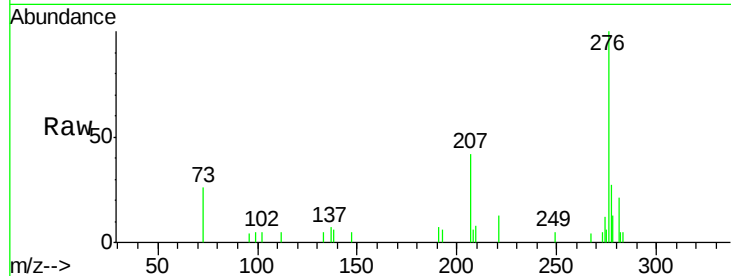
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.709 ng/ml
RT: 30.32 min Scan# 4600
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	1.6	16.0	24.0#
277	20.7	20.0	30.0

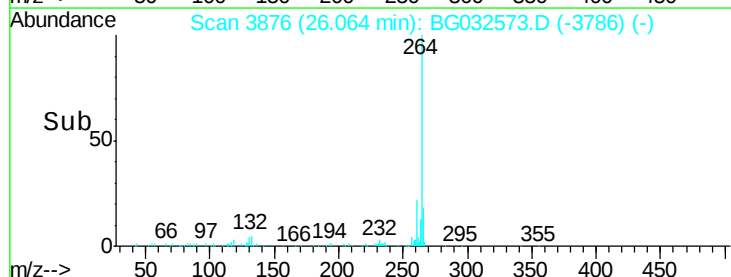
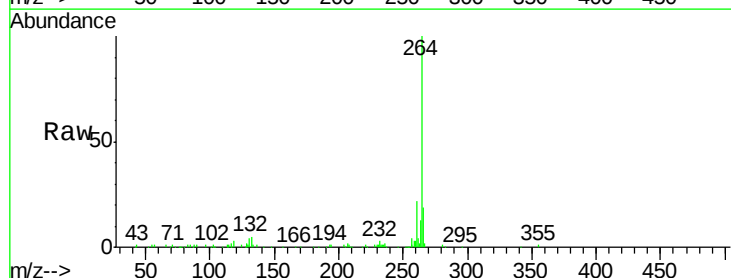
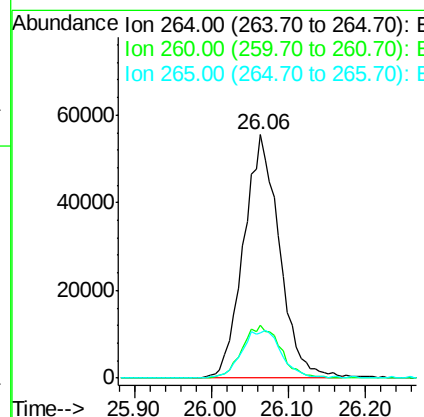
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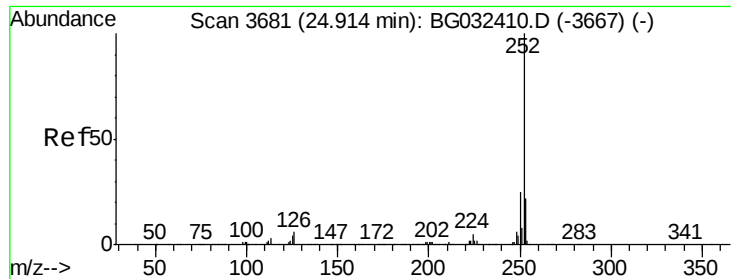
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#86
Perylene-d12
Concen: 20.000 ng
RT: 26.06 min Scan# 3876
Delta R.T. -0.00 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
264	100		
260	21.5	17.4	26.0
265	18.8	17.7	26.5





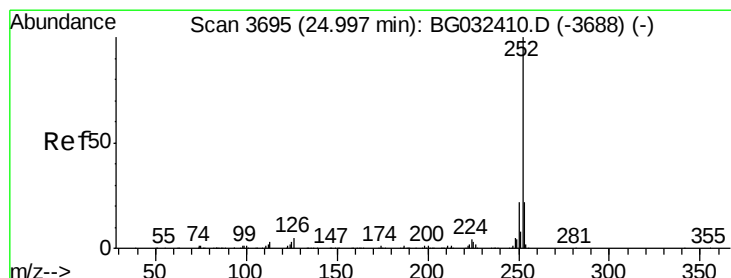
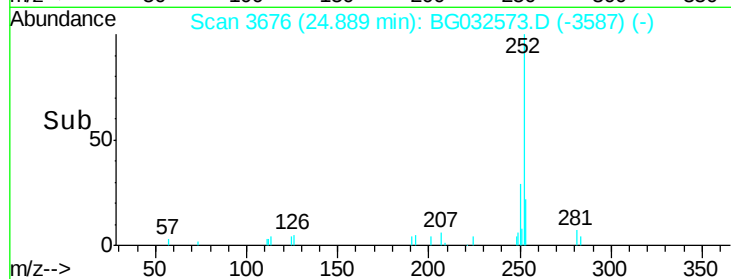
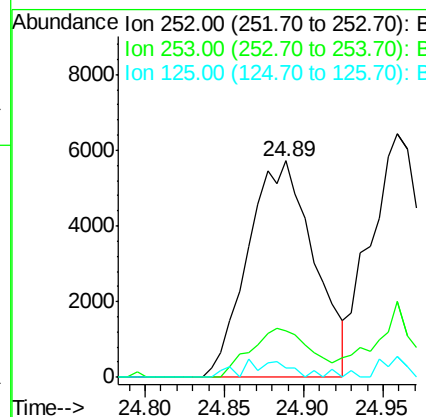
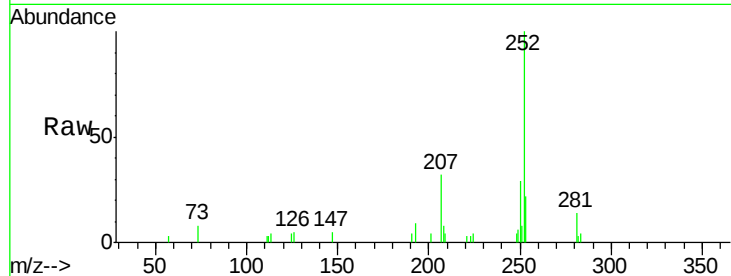
#87
Benzo(b)fluoranthene
Concen: 1.520 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	9.3	7.2	10.8

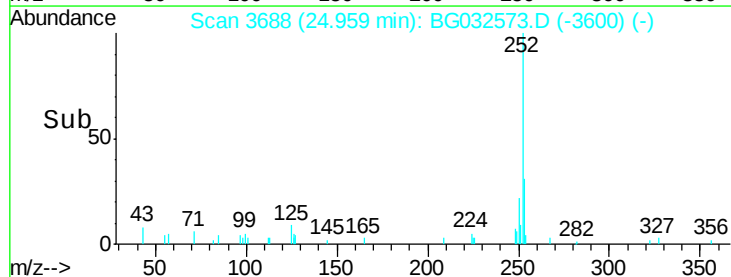
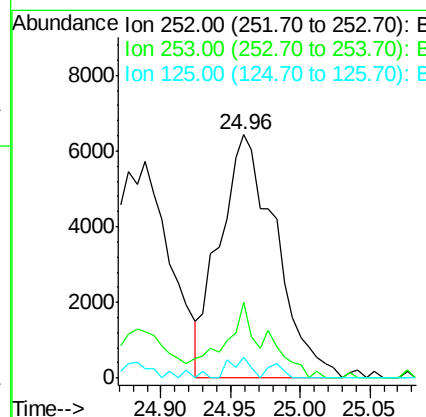
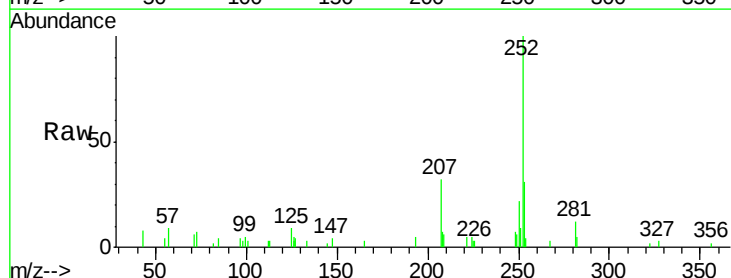
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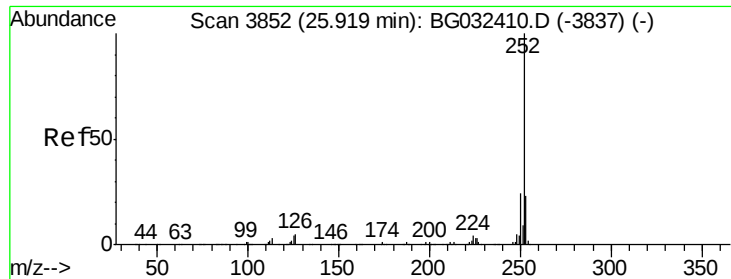
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#88
Benzo(k)fluoranthene
Concen: 1.675 ng m
RT: 24.96 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.4	26.2#
125	8.6	6.6	9.8





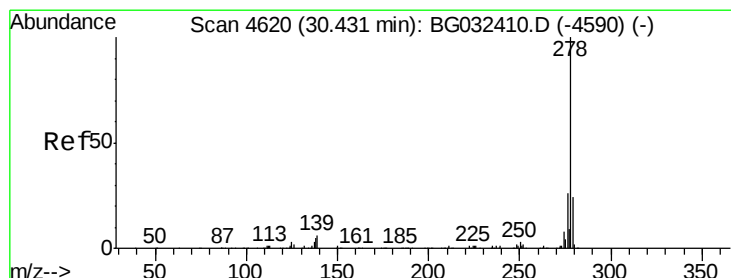
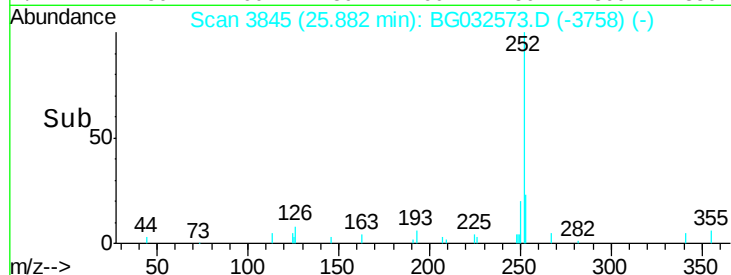
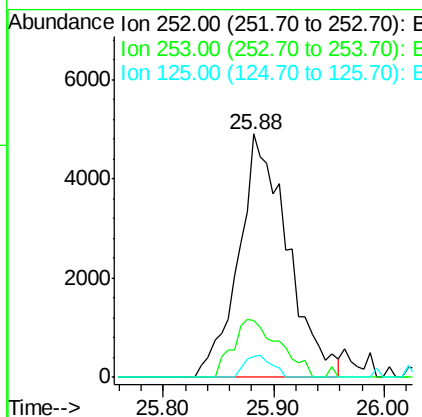
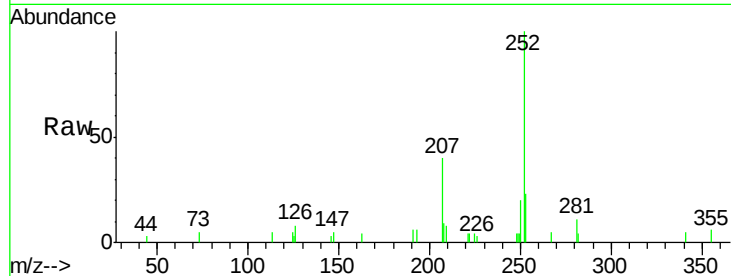
#89
Benzo(a)pyrene
Concen: 1.462 ng
RT: 25.88 min Scan# 3845
Delta R.T. -0.02 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	8.4	7.3	10.9

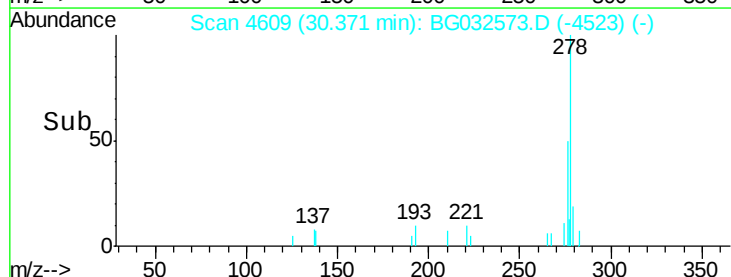
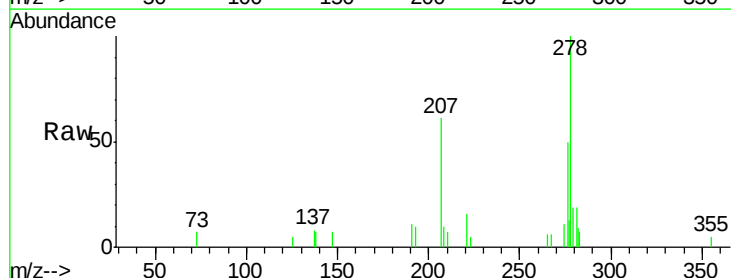
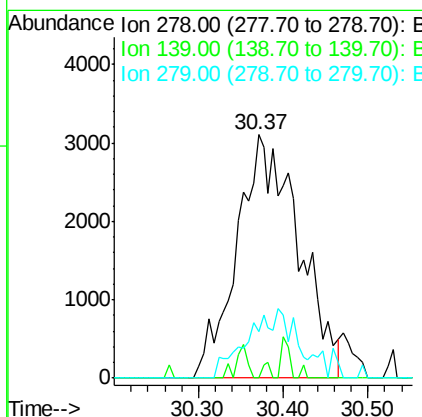
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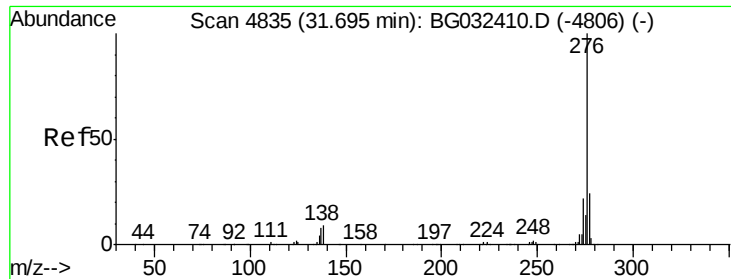
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#90
Dibenzo(a,h)anthracene
Concen: 1.476 ng
RT: 30.37 min Scan# 4609
Delta R.T. -0.03 min
Lab File: BG032573.D
Acq: 6 Feb 2018 19:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.8	14.6#
279	19.1	18.4	27.6





#91
 Benzo(a,h,i)perylene
 Concen: 1.653 ng/ml
 RT: 31.62 min Scan# 4822
 Delta R.T. -0.04 min
 Lab File: BG032573.D
 Acq: 6 Feb 2018 19:40

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	10.9	18.3	27.5#
138	0.0	13.9	20.9#

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