

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG101918\
 Data File : BG037469.D
 Acq On : 20 Oct 2018 3:01
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 8PPM
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Quant Time: Oct 20 06:03:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	51358	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	243346	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	162001	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	391156	20.00	ng	0.00
76) Chrysene-d12	21.77	240	368299	20.00	ng	0.00
87) Perylene-d12	25.10	264	366574	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.65	112	451873	147.10	ng	0.00
7) Phenol-d6	7.25	99	658319	141.72	ng	0.00
23) Nitrobenzene-d5	9.28	82	364591	83.93	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	247298	139.96	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	881785	82.08	ng	0.00
79) Terphenyl-d14	20.09	244	1342730	77.90	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.54	88	11489	7.375	ng	92
3) Pyridine	3.94	79	30019	7.645	ng	93
4) n-Nitrosodimethylamine	3.86	42	11880	8.494	ng	# 97
6) Aniline	7.43	93	38787	6.845	ng	97
8) 2-Chlorophenol	7.67	128	29449	8.195	ng	98
9) Benzaldehyde	7.25	77	23702	8.157	ng	92
10) Phenol	7.27	94	41706	8.510	ng	92
11) bis(2-Chloroethyl)ether	7.53	93	30658	8.236	ng	94
12) 1,3-Dichlorobenzene	8.00	146	32242	8.059	ng	97
13) 1,4-Dichlorobenzene	8.14	146	32257	7.882	ng	97
14) 1,2-Dichlorobenzene	8.47	146	31840	8.088	ng	97
15) Benzyl Alcohol	8.34	79	25593	7.457	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	54685	8.210	ng	96
17) 2-Methylphenol	8.54	107	26248	8.101	ng	96
18) Hexachloroethane	9.19	117	11822	8.474	ng	91
19) n-Nitroso-di-n-propylamine	8.91	70	24291	7.594	ng	92
20) 3+4-Methylphenols	8.86	107	38529	8.317	ng	92
22) Acetophenone	8.94	105	47933	7.854	ng	# 97
24) Nitrobenzene	9.32	77	37160	8.234	ng	95
25) Isophorone	9.84	82	68419	8.620	ng	98
26) 2-Nitrophenol	10.04	139	14691	7.226	ng	92
27) 2,4-Dimethylphenol	10.08	122	30950	8.527	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	44591	8.575	ng	99
29) 2,4-Dichlorophenol	10.56	162	30782	7.617	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	32915	7.489	ng	98
31) Naphthalene	10.98	128	105001	8.785	ng	99
32) Benzoic acid	10.13	122	8656	3.672	ng	93
33) 4-Chloroaniline	11.09	127	33896	6.036	ng	98
34) Hexachlorobutadiene	11.24	225	19185	7.365	ng	95
35) Caprolactam	11.85	113	10435	6.438	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	35250	7.734	ng	97
37) 2-Methylnaphthalene	12.58	142	77663	8.914	ng	98
38) 1-Methylnaphthalene	12.80	142	76258	9.012	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	39569	7.572	ng	99

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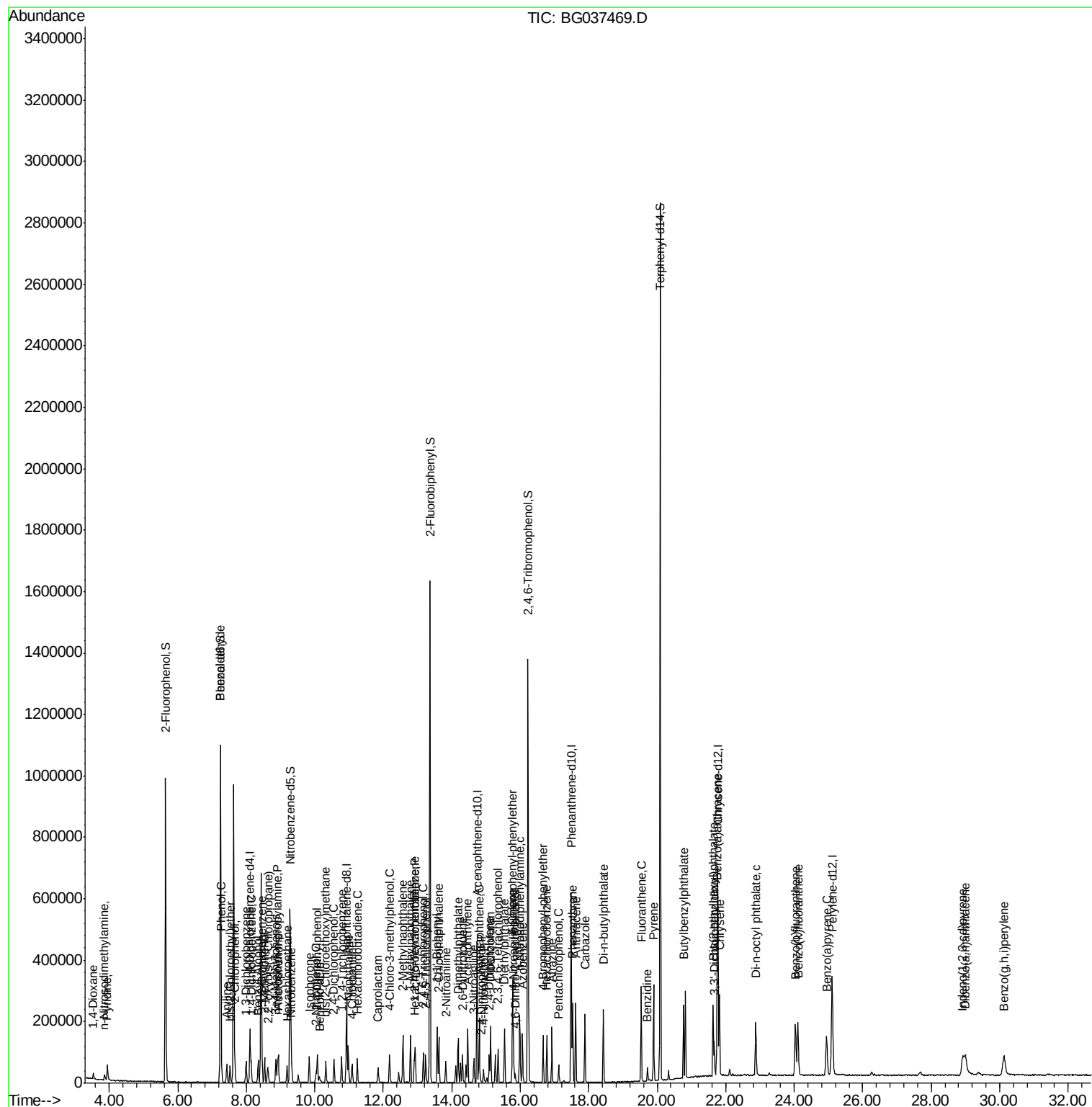
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	20521	8.221	ng	89
43) 2,4,6-Trichlorophenol	13.17	196	25296	7.246	ng	92
44) 2,4,5-Trichlorophenol	13.24	196	29737	7.824	ng	98
46) 1,1'-Biphenyl	13.58	154	103300	7.699	ng	99
47) 2-Chloronaphthalene	13.62	162	80385	7.920	ng	95
48) 2-Nitroaniline	13.82	65	21690	7.047	ng	98
49) Acenaphthylene	14.46	152	136491	8.939	ng	95
50) Dimethylphthalate	14.19	163	104811	8.363	ng	98
51) 2,6-Dinitrotoluene	14.32	165	21321	7.690	ng	97
52) Acenaphthene	14.80	154	79265	8.429	ng	97
53) 3-Nitroaniline	14.65	138	21179	6.881	ng #	94
54) 2,4-Dinitrophenol	14.85	184	2290	9.601	ng #	90
55) Dibenzofuran	15.13	168	130271	8.362	ng	98
56) 4-Nitrophenol	14.93	139	13849	6.079	ng	92
57) 2,4-Dinitrotoluene	15.10	165	28962	7.958	ng #	91
58) Fluorene	15.79	166	105958	9.082	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	24912	7.655	ng	98
60) Diethylphthalate	15.54	149	106466	8.275	ng	99
61) 4-Chlorophenyl-phenylether	15.77	204	54817	8.061	ng	97
62) 4-Nitroaniline	15.80	138	23496	7.683	ng	99
63) Azobenzene	16.07	77	103247	8.410	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	7956	11.697	ng	91
66) n-Nitrosodiphenylamine	15.99	169	93748	7.968	ng	97
67) 4-Bromophenyl-phenylether	16.67	248	32431	7.550	ng	95
68) Hexachlorobenzene	16.78	284	34468	7.742	ng	99
69) Atrazine	16.93	200	32320	7.597	ng	94
70) Pentachlorophenol	17.13	266	13473	4.518	ng	98
71) Phenanthrene	17.53	178	178676	8.988	ng	96
72) Anthracene	17.62	178	177944	9.121	ng	99
73) Carbazole	17.89	167	158395	8.117	ng	98
74) Di-n-butylphthalate	18.43	149	177896	8.195	ng	97
75) Fluoranthene	19.53	202	204063	9.050	ng	97
77) Benzidine	19.72	184	31635	2.526	ng	96
78) Pyrene	19.89	202	210027	8.723	ng	99
80) Butylbenzylphthalate	20.77	149	73047	7.413	ng	98
81) Benzo(a)anthracene	21.75	228	189547	8.701	ng	97
82) 3,3'-Dichlorobenzidine	21.67	252	47209	5.591	ng	99
83) Chrysene	21.82	228	178014	8.498	ng	98
84) Bis(2-ethylhexyl)phthalate	21.63	149	102870	7.448	ng	98
85) Di-n-octyl phthalate	22.88	149	166198	7.379	ng	98
86) Indeno(1,2,3-cd)pyrene	28.92	276	158896	7.072	ng	93
88) Benzo(b)fluoranthene	24.04	252	171591	8.538	ng	100
89) Benzo(k)fluoranthene	24.11	252	173074	8.790	ng	98
90) Benzo(a)pyrene	24.95	252	161907	8.478	ng	100
91) Dibenzo(a,h)anthracene	29.00	278	123832	7.030	ng	95
92) Benzo(g,h,i)perylene	30.12	276	139399	7.822	ng	99

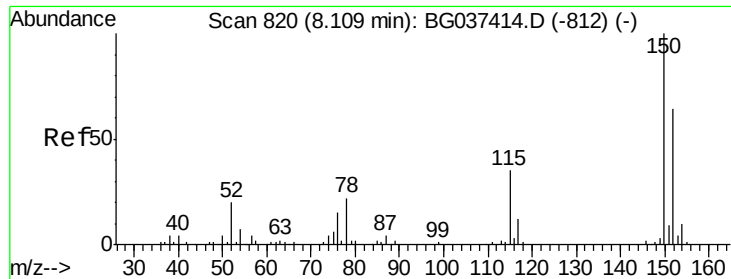
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.11 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

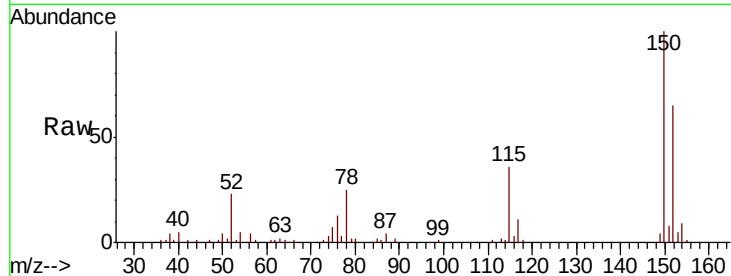
Tgt Ion:152 Resp: 51358

Ion Ratio Lower Upper

152 100

150 154.3 126.0 189.0

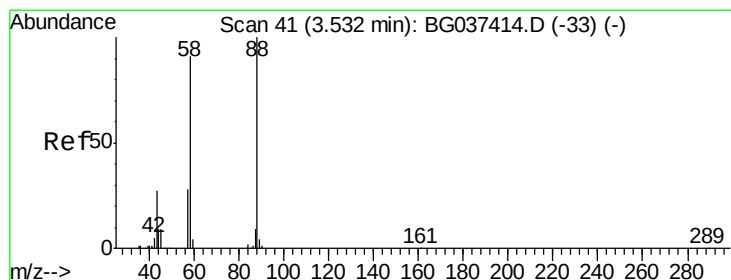
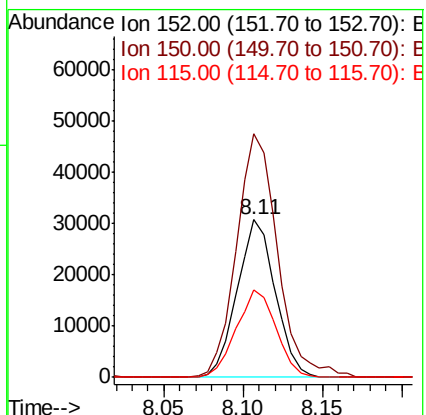
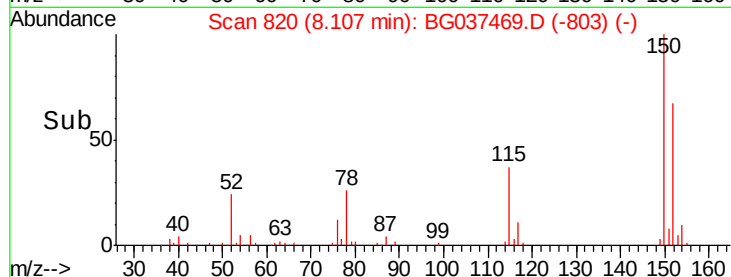
115 55.4 45.5 68.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.375 ng

RT: 3.54 min Scan# 42

Delta R.T. 0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

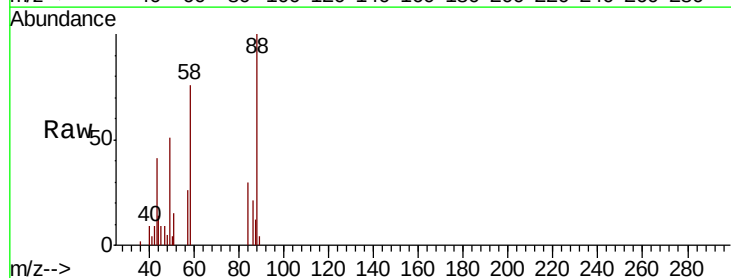
Tgt Ion: 88 Resp: 11489

Ion Ratio Lower Upper

88 100

58 85.2 74.4 111.6

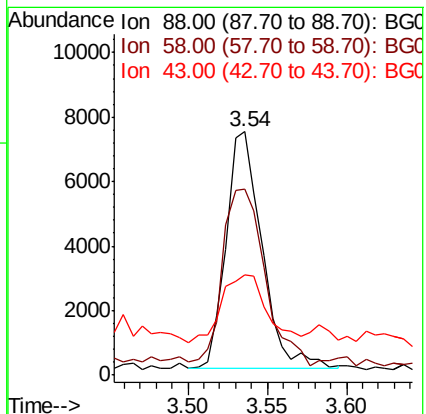
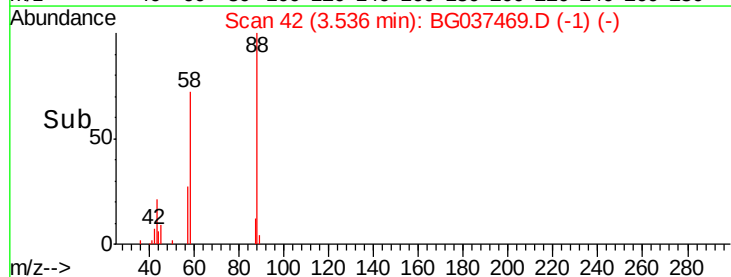
43 36.4 25.8 38.8

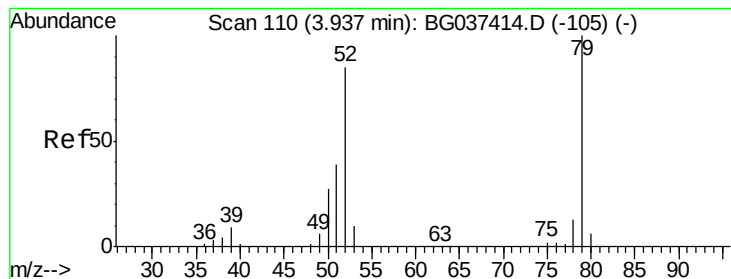


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 7.645 ng

RT: 3.94 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

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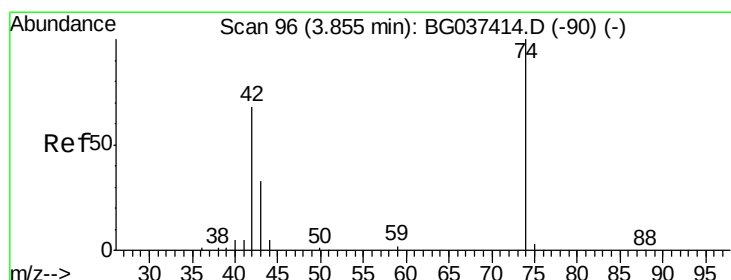
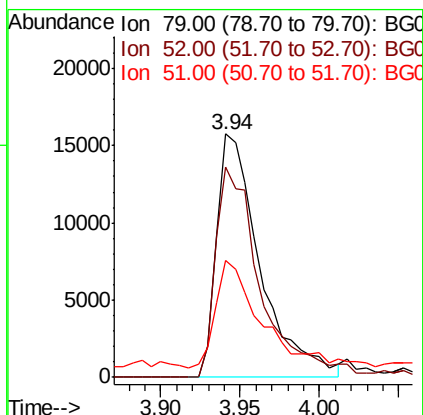
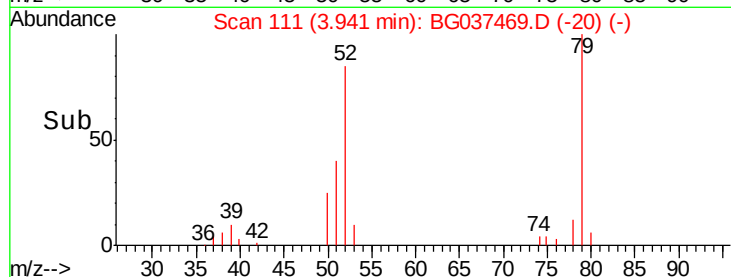
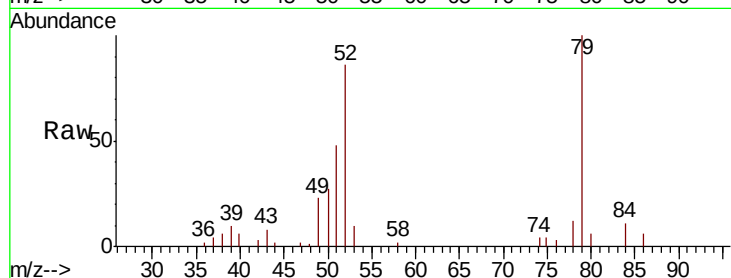
Tgt Ion: 79 Resp: 30019

Ion Ratio Lower Upper

79 100

52 86.4 74.2 111.2

51 48.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 8.494 ng

RT: 3.86 min Scan# 97

Delta R.T. 0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

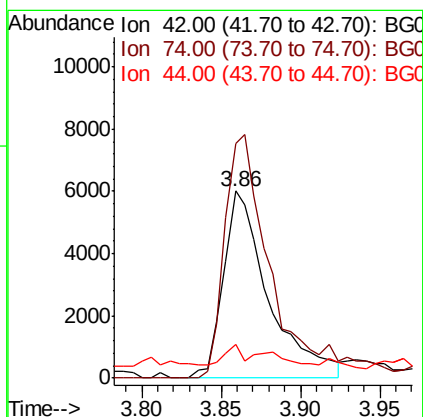
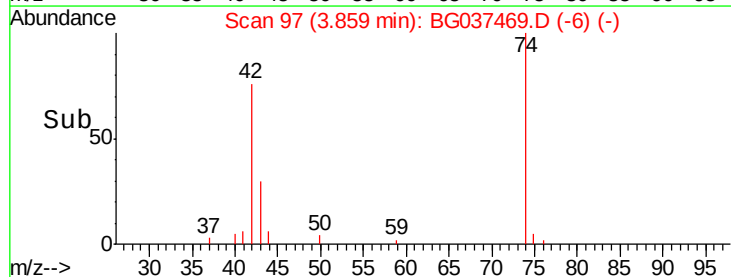
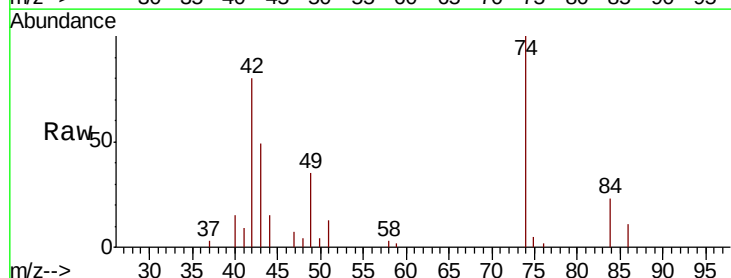
Tgt Ion: 42 Resp: 11880

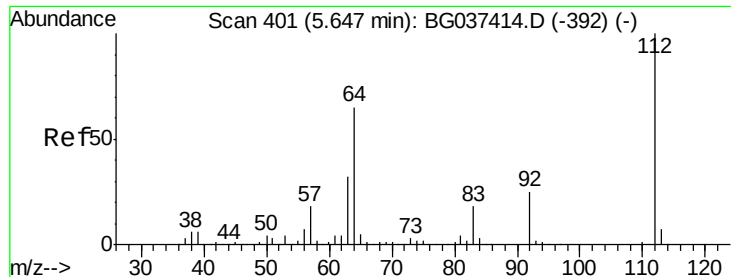
Ion Ratio Lower Upper

42 100

74 125.2 102.0 153.0

44 18.2 9.6 14.4#





#5

2-Fluorophenol

Concen: 147.098 ng

RT: 5.65 min Scan# 401

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

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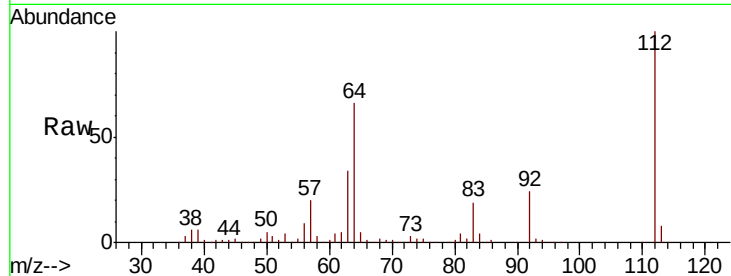
Tgt Ion: 112 Resp: 451873

Ion Ratio Lower Upper

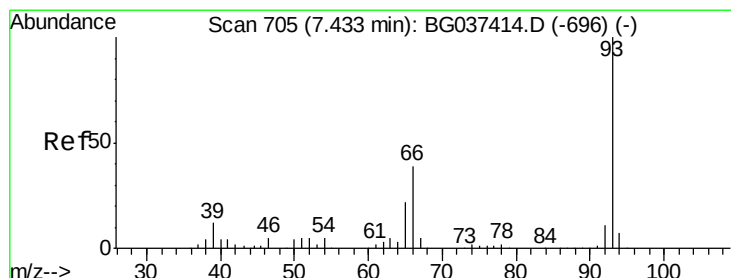
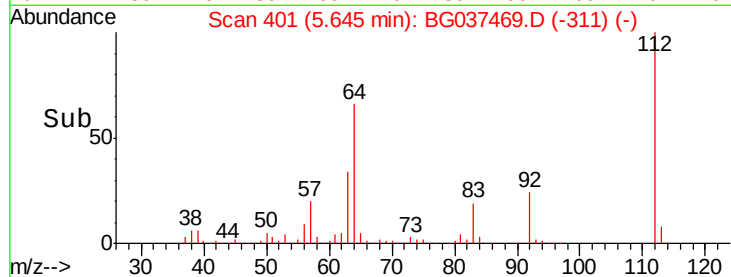
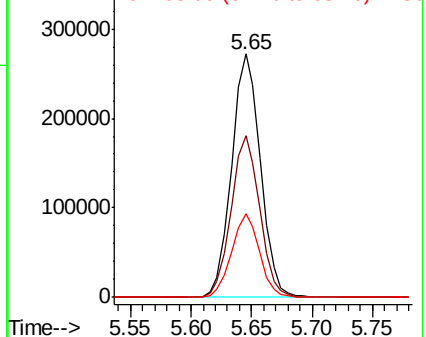
112 100

64 66.3 53.1 79.7

63 34.4 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 6.845 ng

RT: 7.43 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

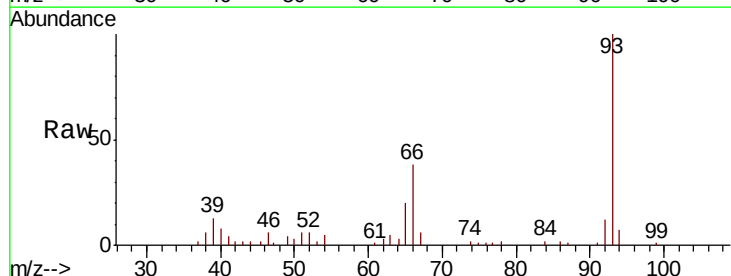
Tgt Ion: 93 Resp: 38787

Ion Ratio Lower Upper

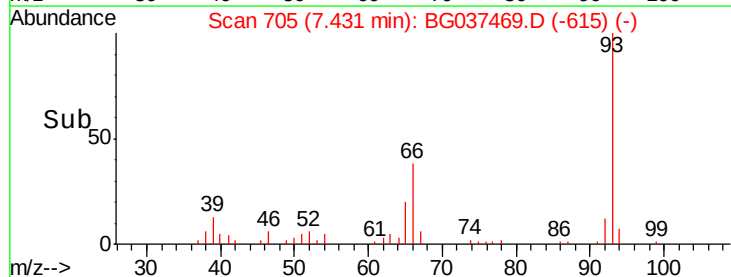
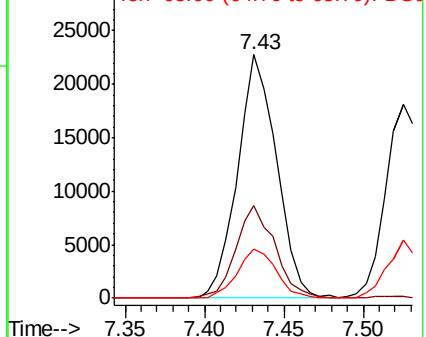
93 100

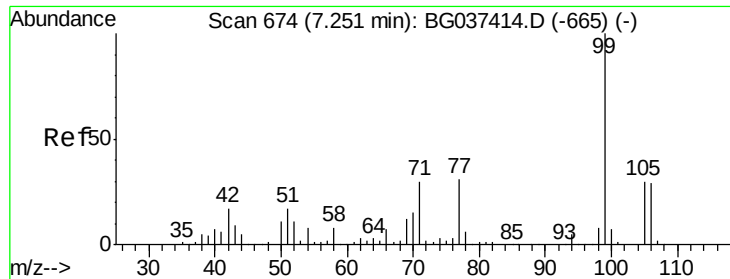
66 38.3 32.8 49.2

65 20.2 16.4 24.6



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





#7

Phenol-d6

Concen: 141.722 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037469.D

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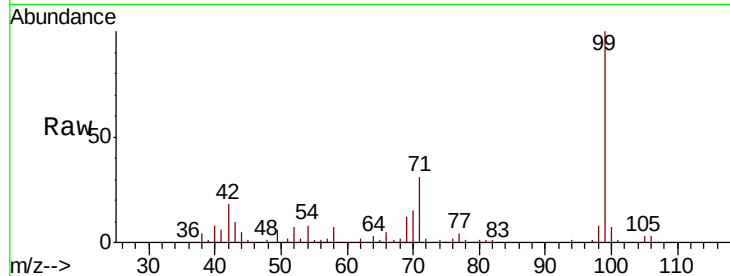
Tgt Ion: 99 Resp: 658319

Ion Ratio Lower Upper

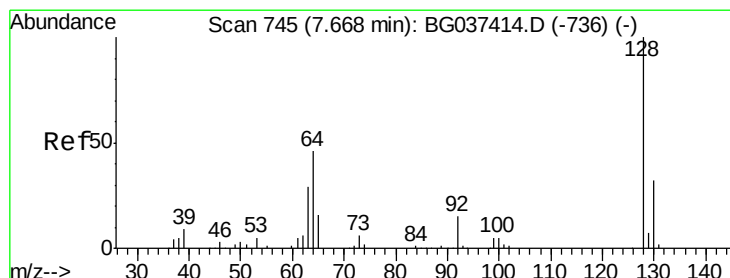
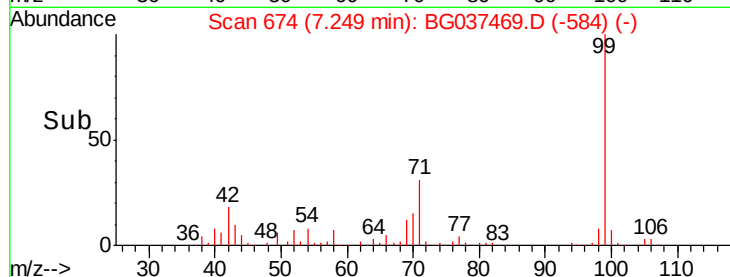
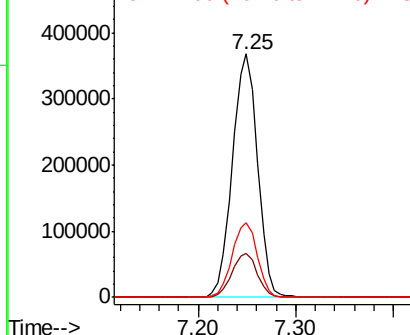
99 100

42 18.1 15.0 22.4

71 30.7 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 8.195 ng

RT: 7.67 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

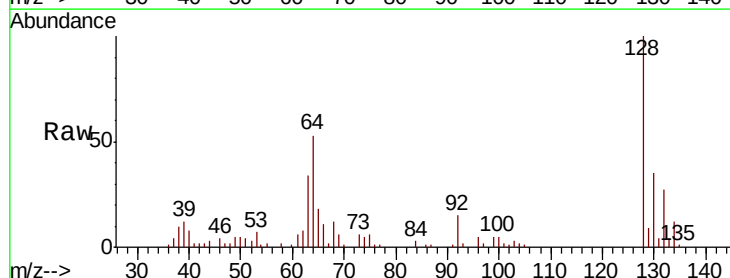
Tgt Ion: 128 Resp: 29449

Ion Ratio Lower Upper

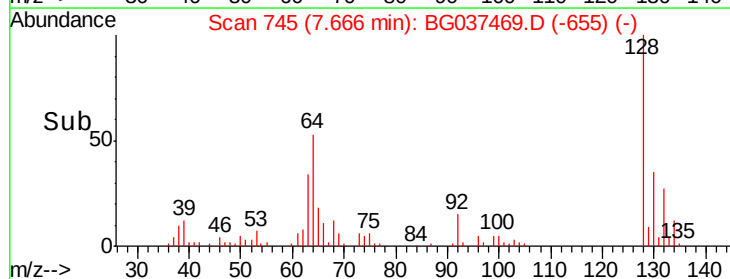
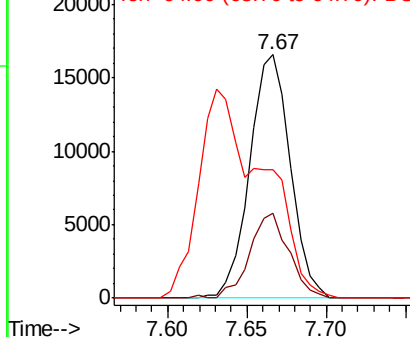
128 100

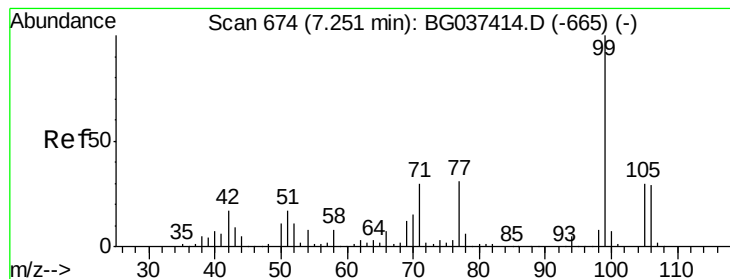
130 34.7 12.0 52.0

64 52.7 32.9 72.9



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





#9

Benzaldehyde

Concen: 8.157 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

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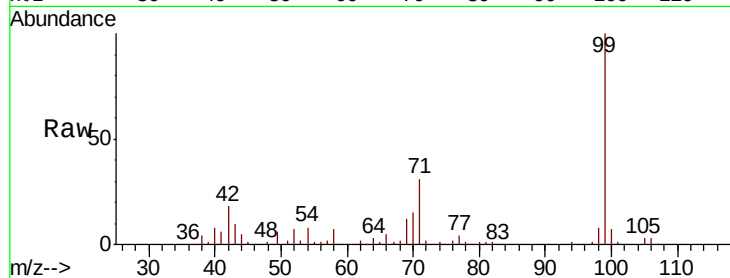
Tgt Ion: 77 Resp: 23702

Ion Ratio Lower Upper

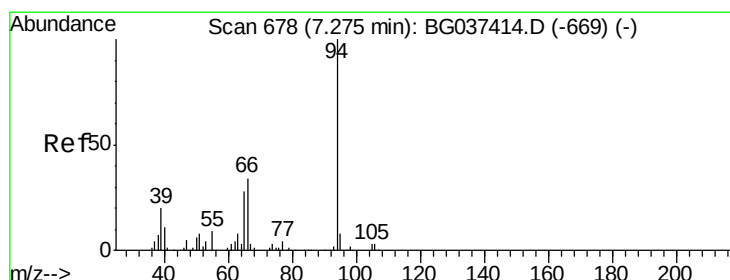
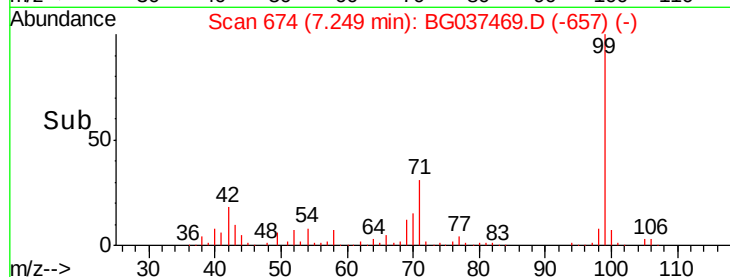
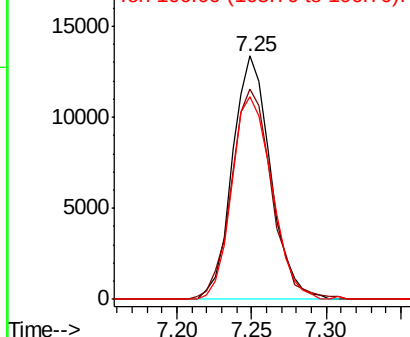
77 100

105 86.3 72.6 112.6

106 83.2 71.3 111.3



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: 8.510 ng

RT: 7.27 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

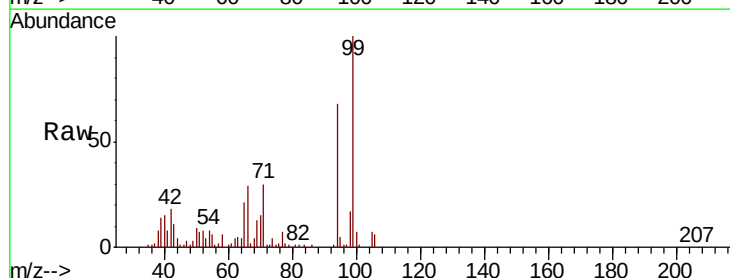
Tgt Ion: 94 Resp: 41706

Ion Ratio Lower Upper

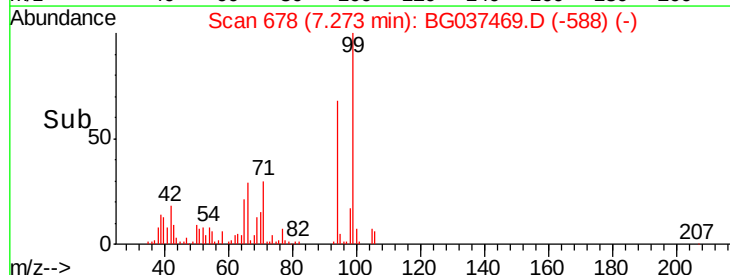
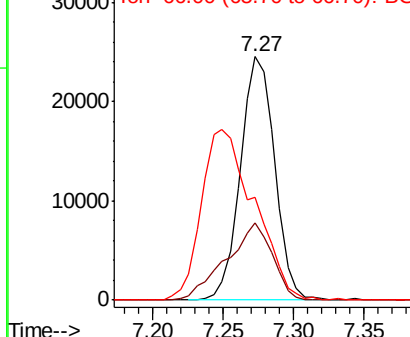
94 100

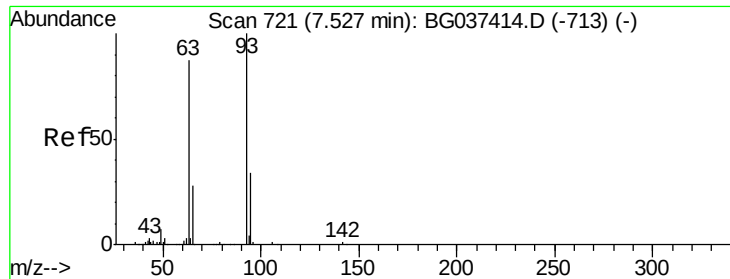
65 31.5 9.7 49.7

66 42.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC



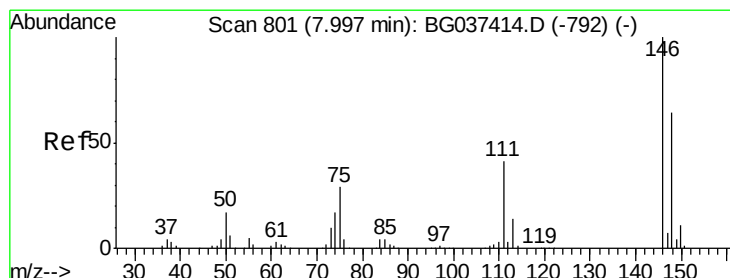
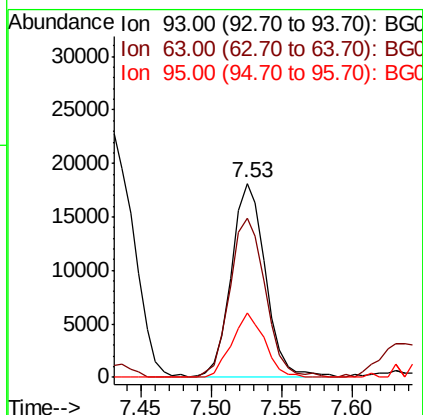
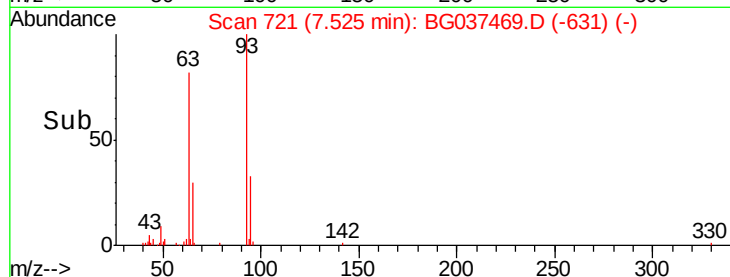
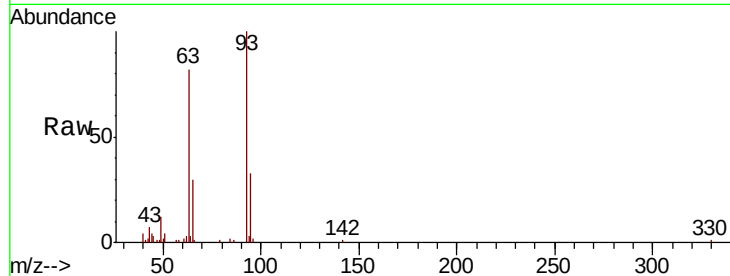


#11
bis(2-Chloroethyl)ether
Concen: 8.236 ng
RT: 7.53 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion: 93 Resp: 30658

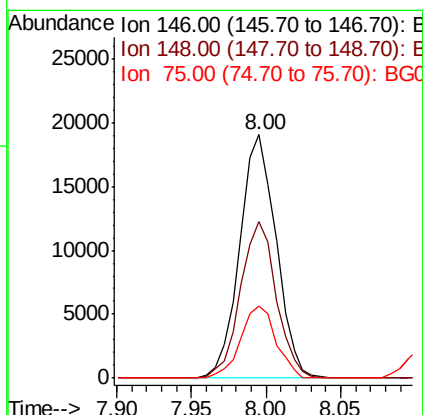
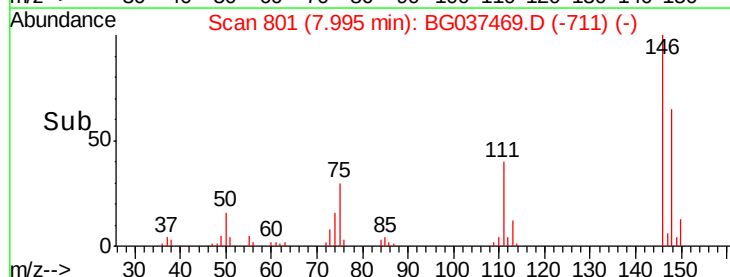
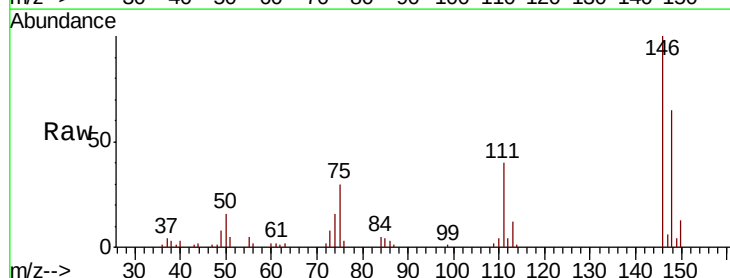
Ion	Ratio	Lower	Upper
93	100		
63	82.4	69.5	109.5
95	33.0	12.6	52.6

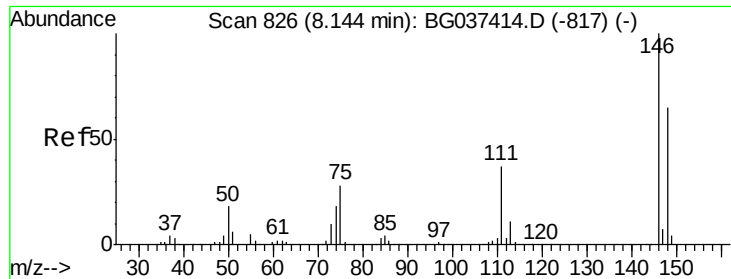


#12
1,3-Dichlorobenzene
Concen: 8.059 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion: 146 Resp: 32242

Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.8	74.8
75	29.9	23.2	34.8

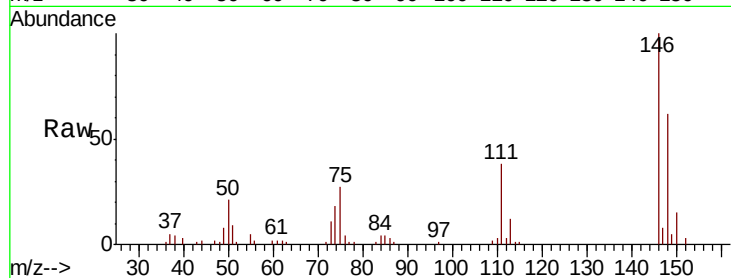




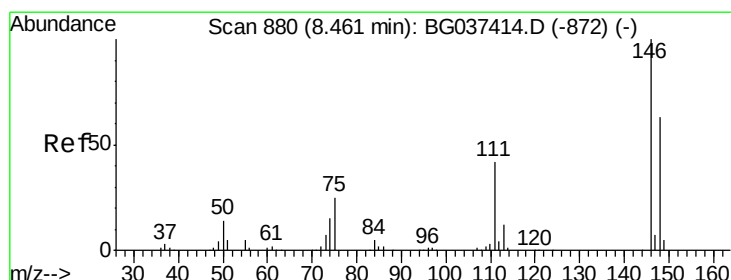
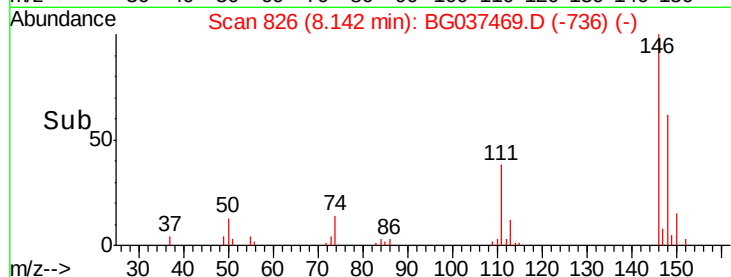
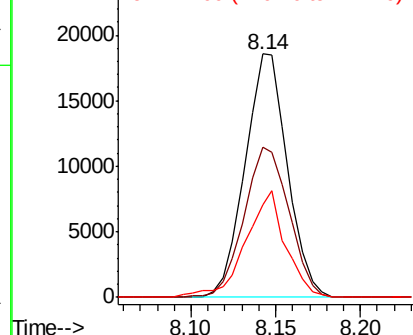
#13
 1,4-Dichlorobenzene
 Concen: 7.882 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:146 Resp: 32257
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.0 76.6
 111 37.9 32.4 48.6

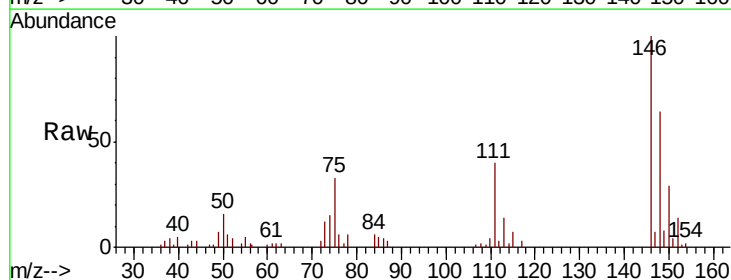


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

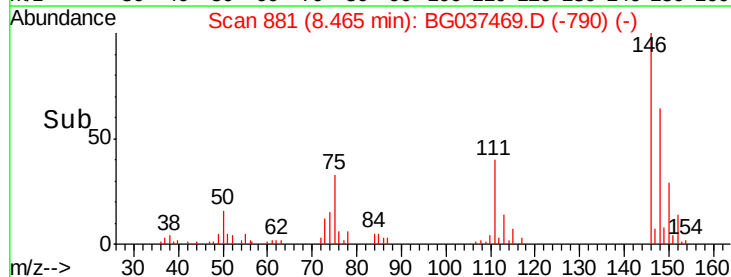
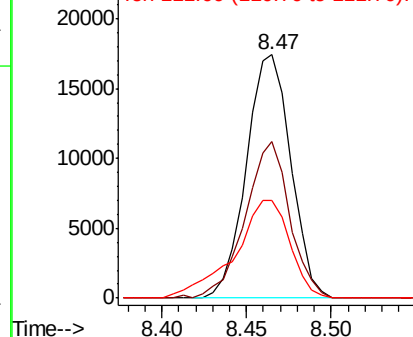


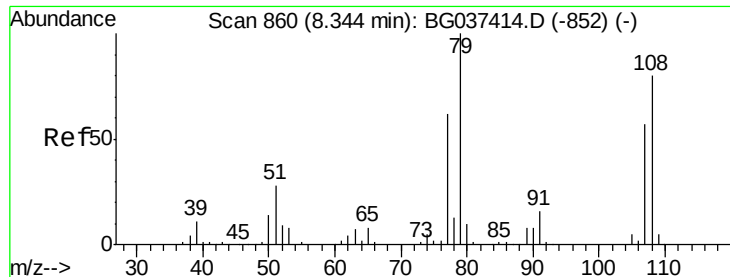
#14
 1,2-Dichlorobenzene
 Concen: 8.088 ng
 RT: 8.47 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:146 Resp: 31840
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 40.3 34.6 51.8



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: 7.457 ng

RT: 8.34 min Scan# 860

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

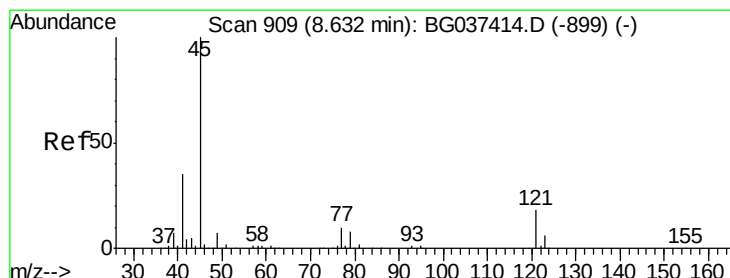
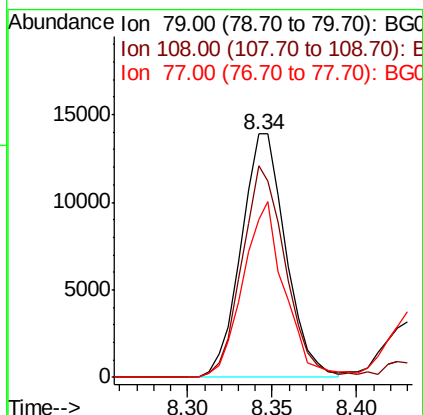
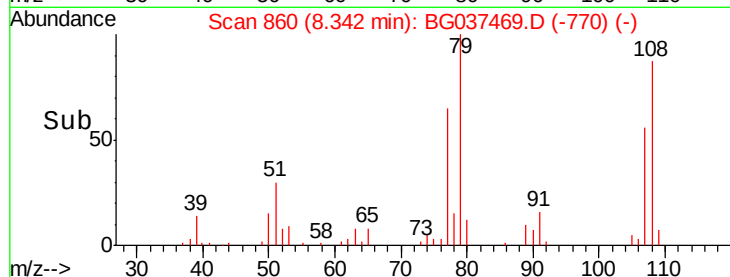
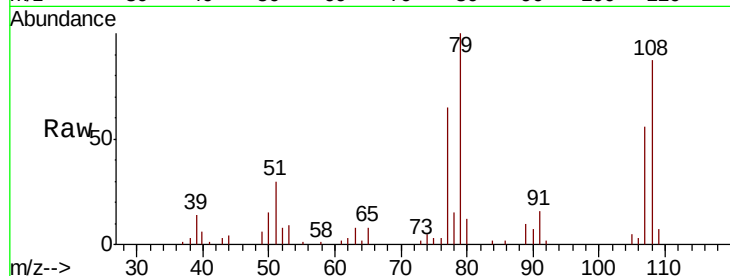
Tgt Ion: 79 Resp: 25593

Ion Ratio Lower Upper

79 100

108 87.0 65.8 98.8

77 64.9 52.9 79.3



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.210 ng

RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

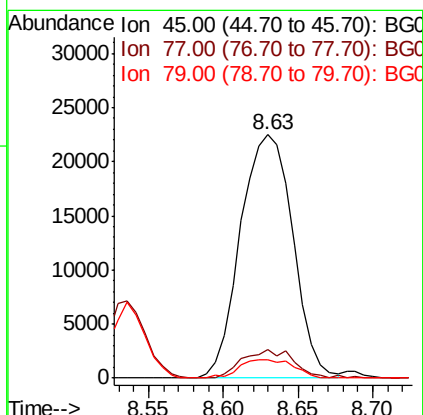
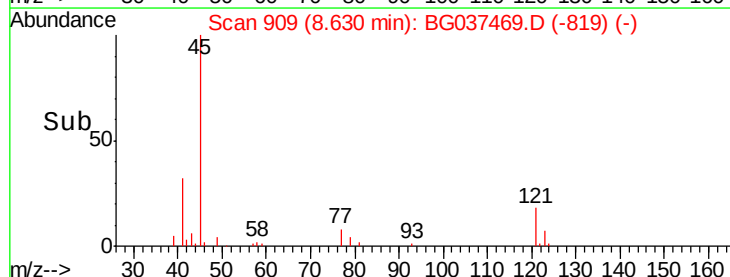
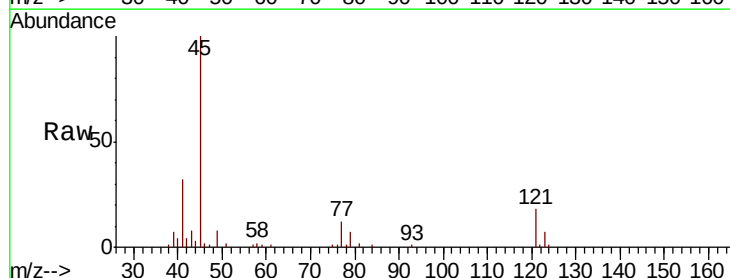
Tgt Ion: 45 Resp: 54685

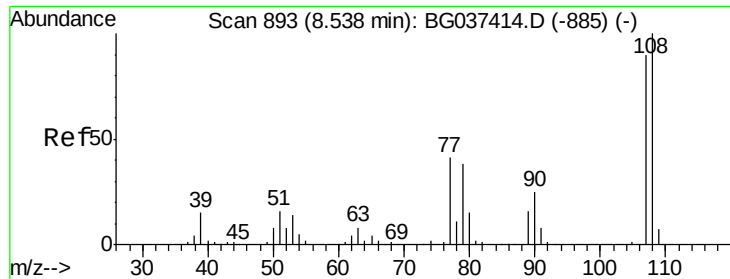
Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.0

79 7.4 0.0 29.0

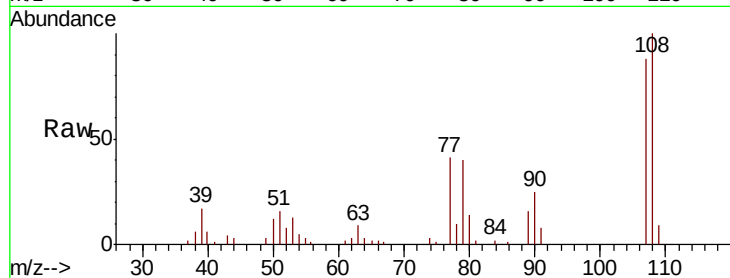




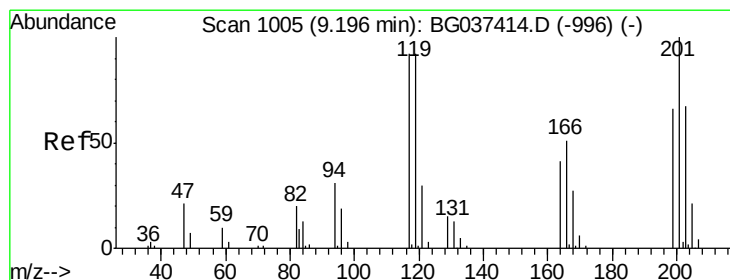
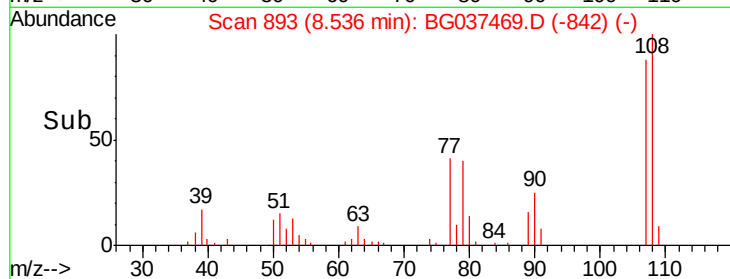
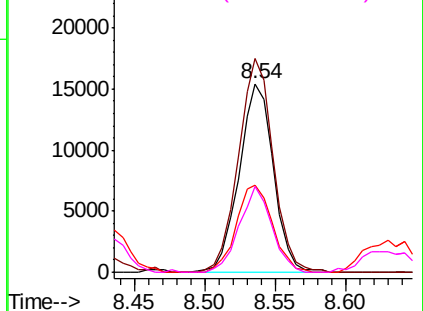
#17
2-Methylphenol
Concen: 8.101 ng
RT: 8.54 min Scan# 893
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:107 Resp: 26248
Ion Ratio Lower Upper
107 100
108 113.5 87.9 131.9
77 46.2 35.1 52.7
79 45.8 34.5 51.7

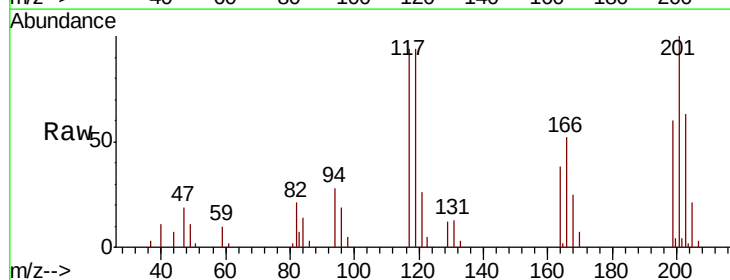


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

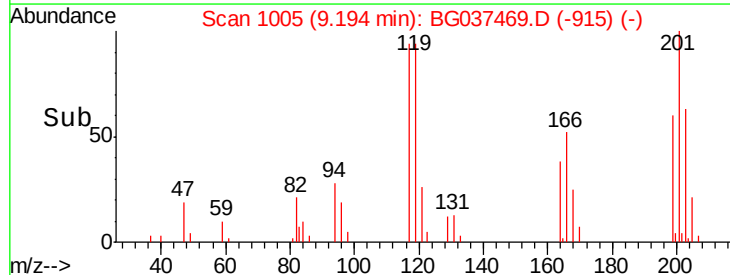
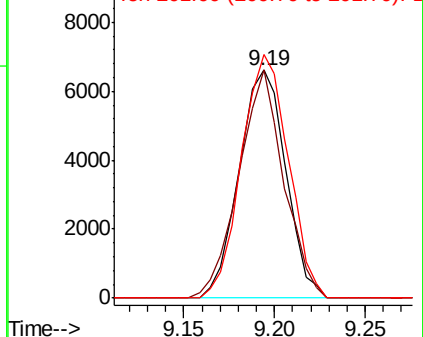


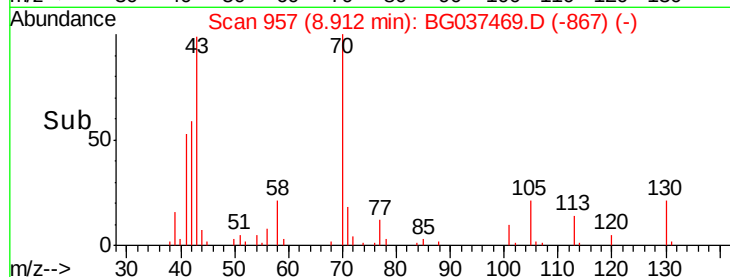
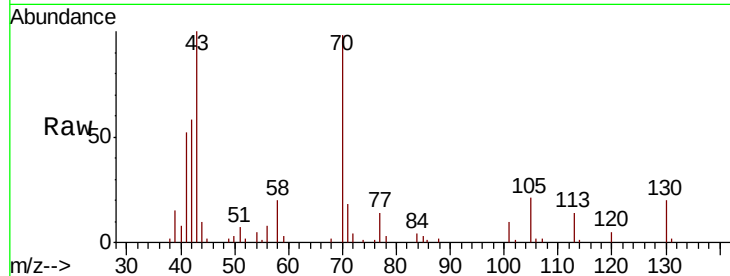
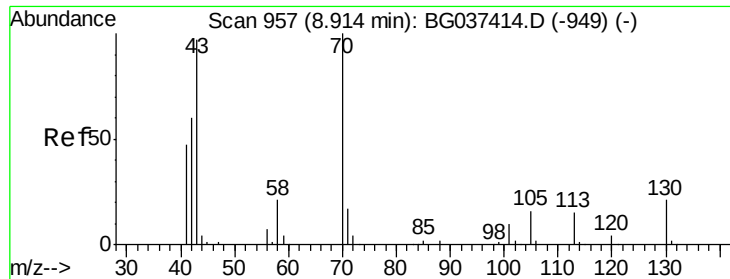
#18
Hexachloroethane
Concen: 8.474 ng
RT: 9.19 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:117 Resp: 11822
Ion Ratio Lower Upper
117 100
119 100.3 74.6 111.8
201 110.6 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

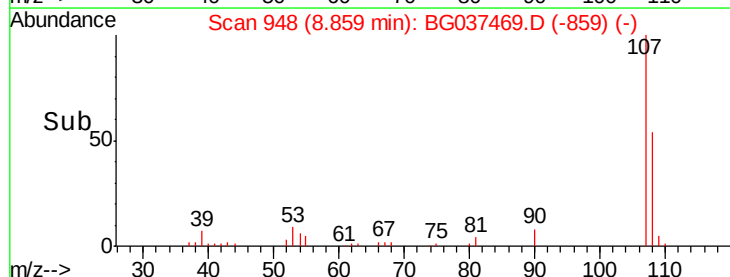
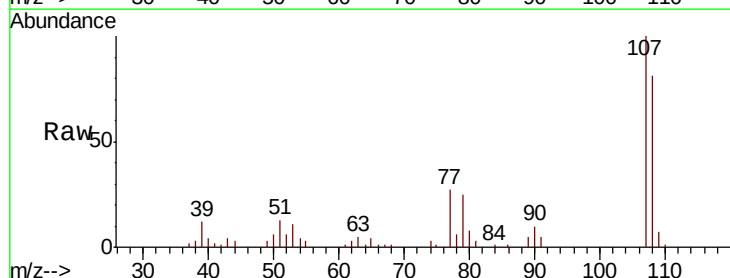
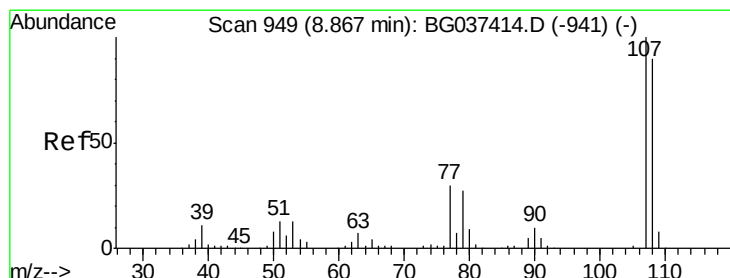
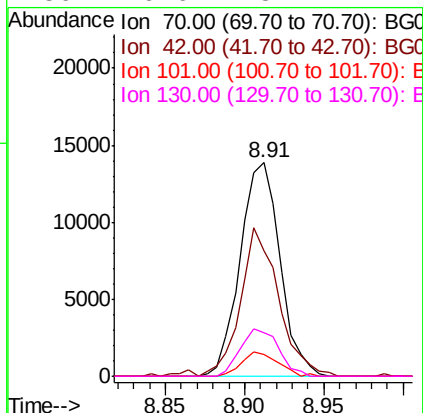




#19
n-Nitroso-di-n-propylamine
Concen: 7.594 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

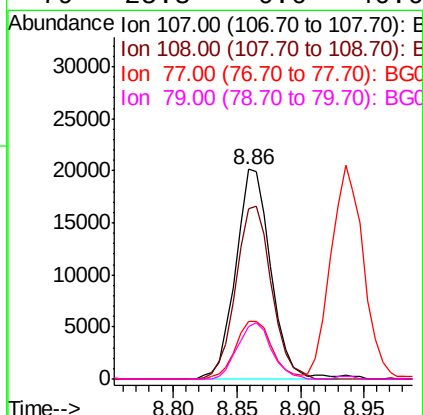
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

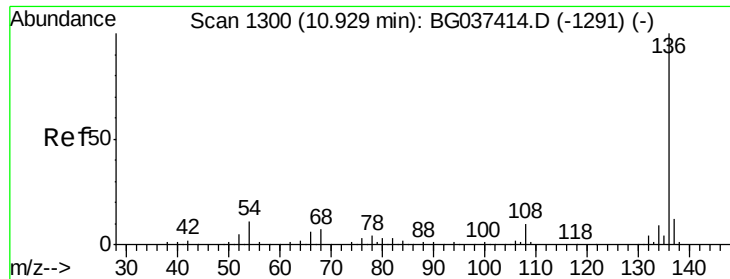
Tgt Ion:	70	Resp:	24291
Ion	Ratio	Lower	Upper
70	100		
42	58.8	53.9	80.9
101	10.5	8.2	12.2
130	20.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 8.317 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:	107	Resp:	38529
Ion	Ratio	Lower	Upper
107	100		
108	81.1	69.9	109.9
77	27.5	11.2	51.2
79	25.3	6.6	46.6

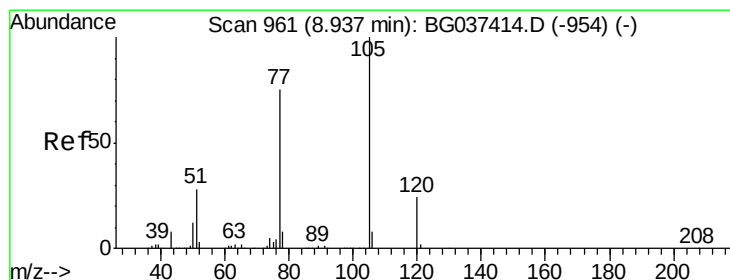
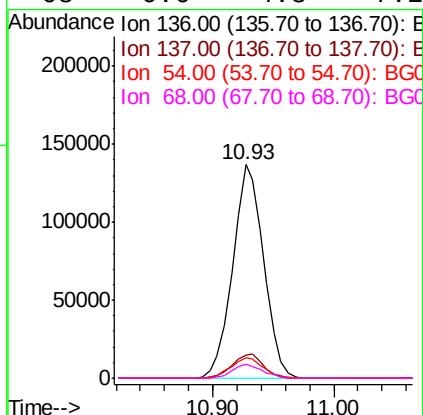
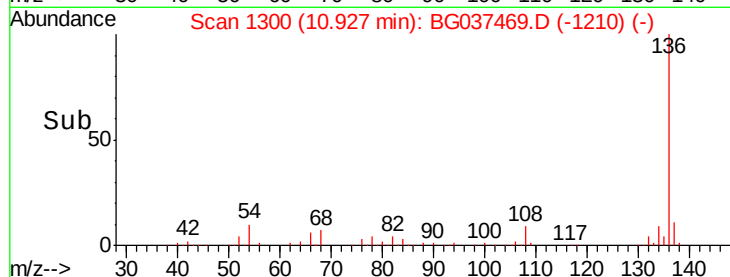
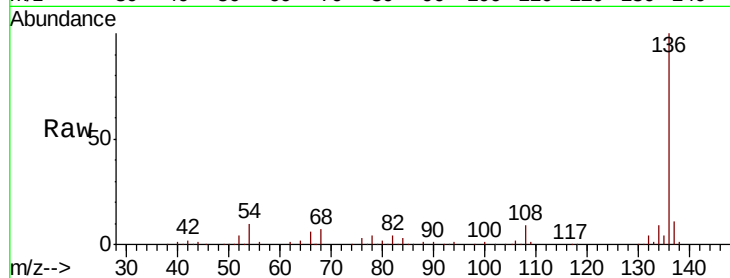




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

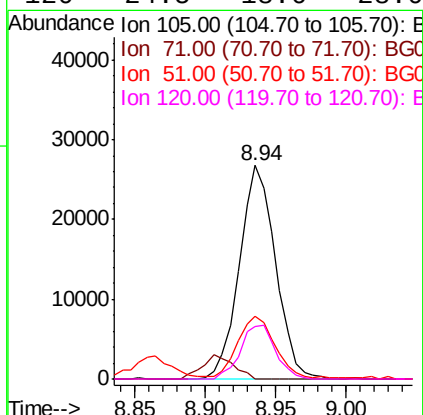
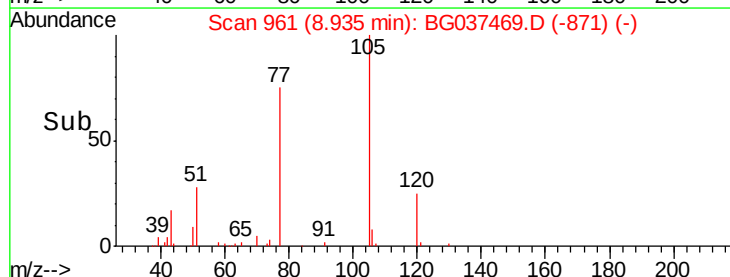
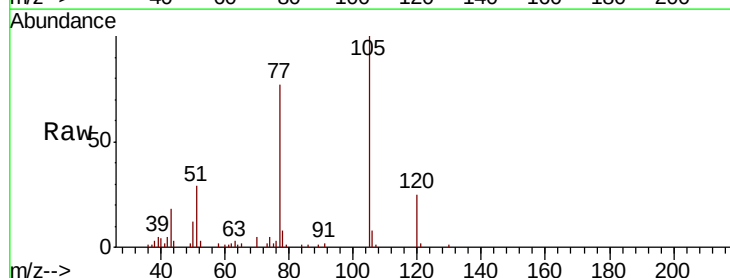
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

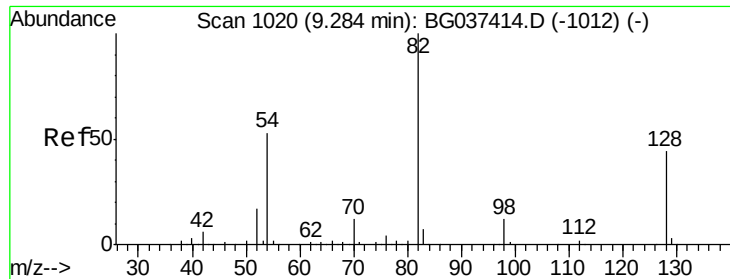
Tgt Ion:	136	Resp:	243346
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	9.7	7.9	11.9
68	6.6	4.8	7.2



#22
Acetophenone
Concen: 7.854 ng
RT: 8.94 min Scan# 961
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:	105	Resp:	47933
Ion	Ratio	Lower	Upper
105	100		
71	0.0	1.2	1.8#
51	29.2	25.0	37.6
120	24.5	18.6	28.0

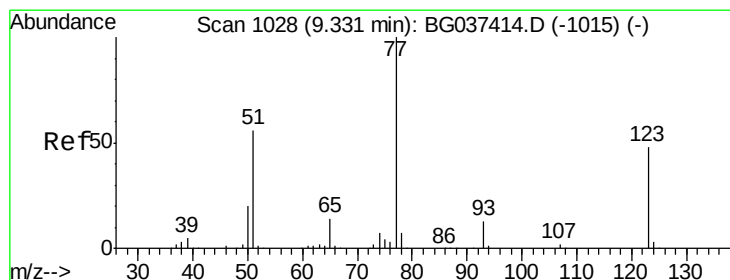
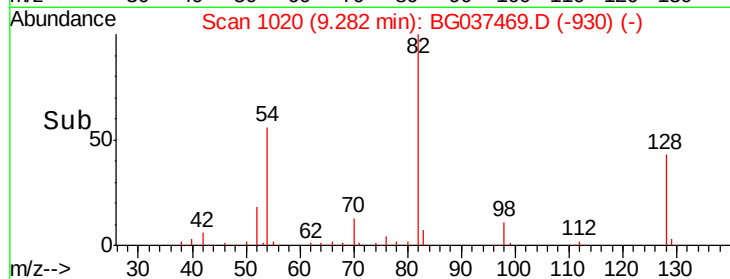
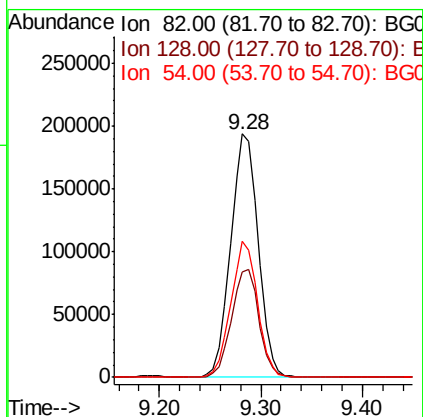
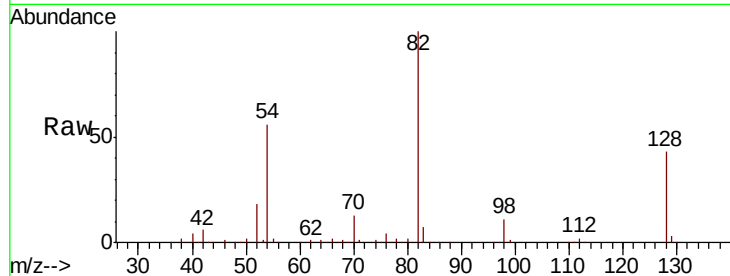




#23
 Nitrobenzene-d5
 Concen: 83.930 ng
 RT: 9.28 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

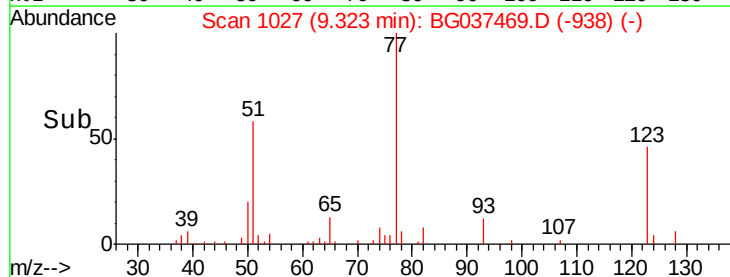
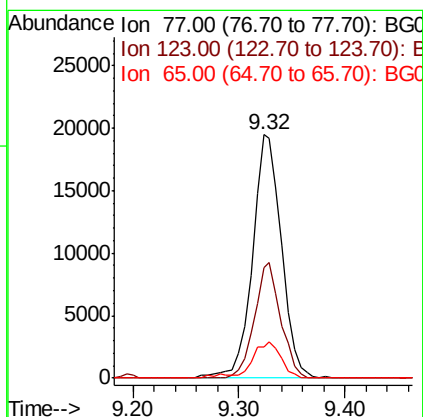
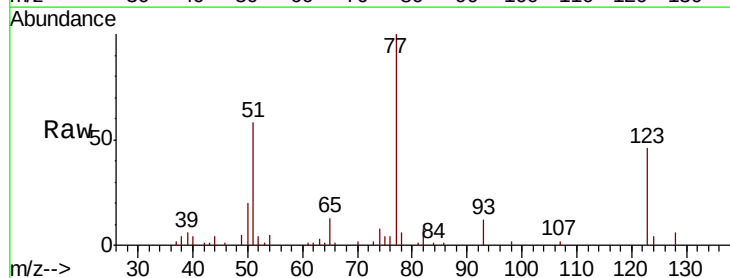
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

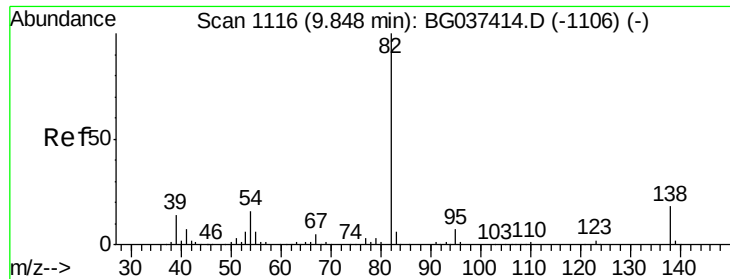
Tgt Ion: 82 Resp: 364591
 Ion Ratio Lower Upper
 82 100
 128 43.3 34.6 51.8
 54 56.1 45.3 67.9



#24
 Nitrobenzene
 Concen: 8.234 ng
 RT: 9.32 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion: 77 Resp: 37160
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.6 50.4
 65 12.8 11.3 16.9

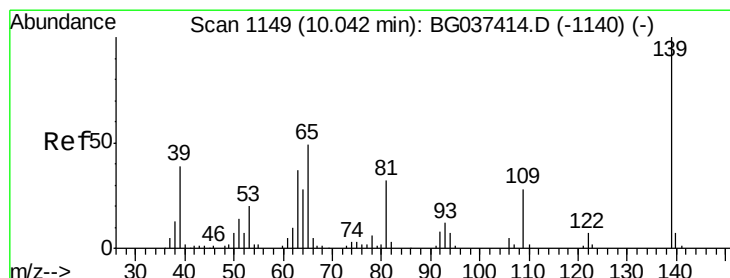
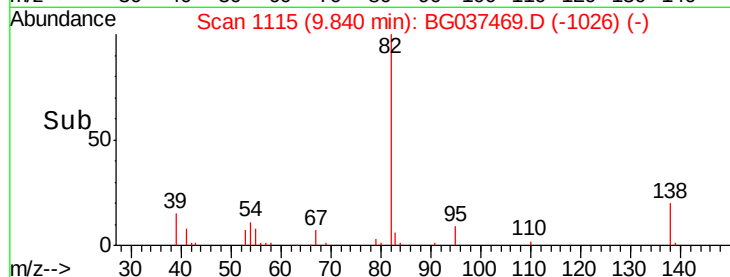
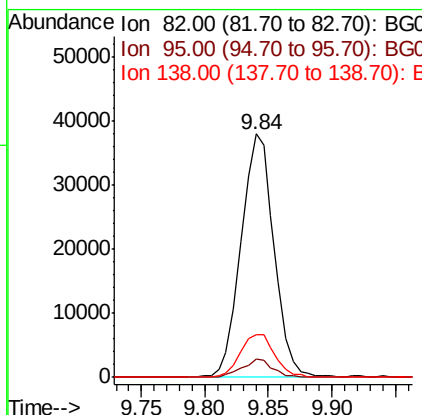
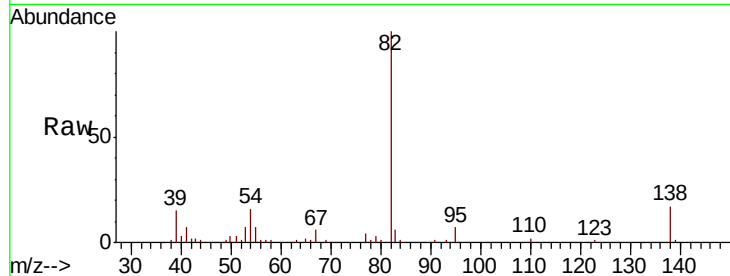




#25
Isophorone
Concen: 8.620 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

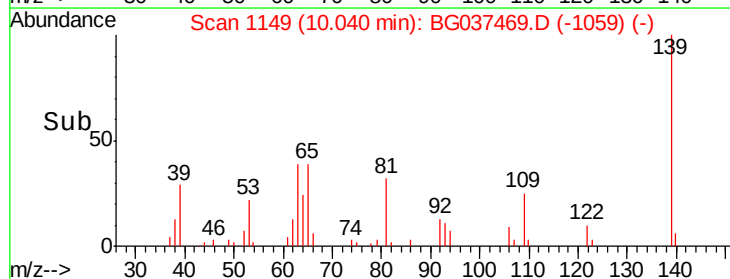
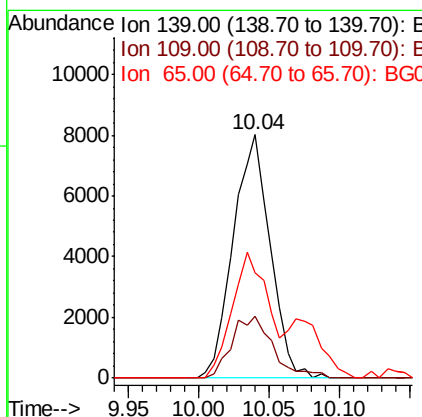
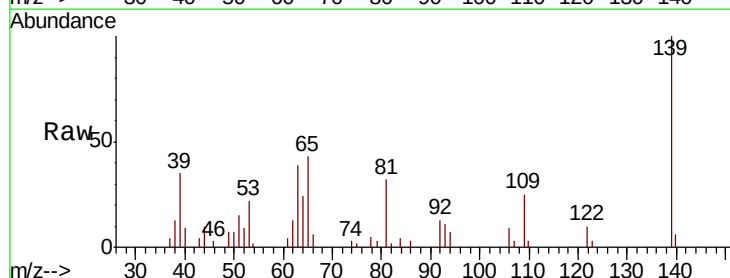
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

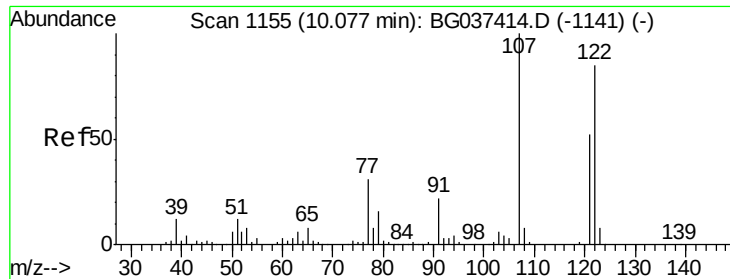
Tgt Ion: 82 Resp: 68419
Ion Ratio Lower Upper
82 100
95 7.5 5.3 7.9
138 17.3 13.3 19.9



#26
2-Nitrophenol
Concen: 7.226 ng
RT: 10.04 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion: 139 Resp: 14691
Ion Ratio Lower Upper
139 100
109 25.4 23.3 34.9
65 43.4 39.8 59.8

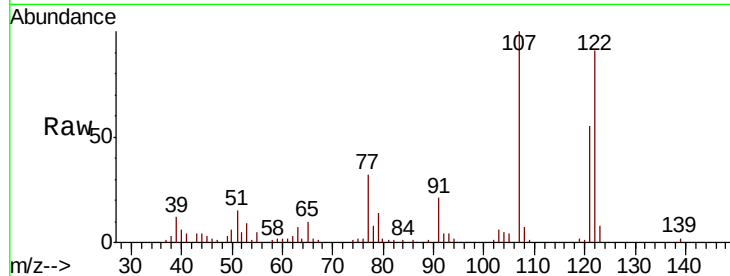




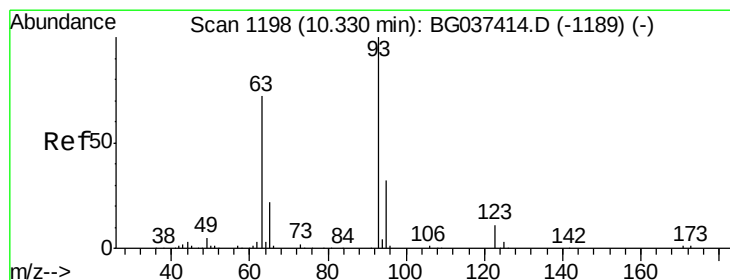
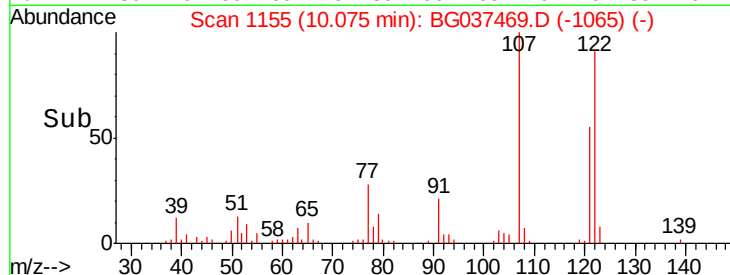
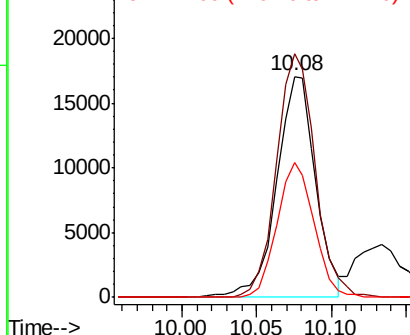
#27
 2,4-Dimethylphenol
 Concen: 8.527 ng
 RT: 10.08 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 122 Resp: 30950
 Ion Ratio Lower Upper
 122 100
 107 110.3 94.2 141.2
 121 61.1 47.3 70.9

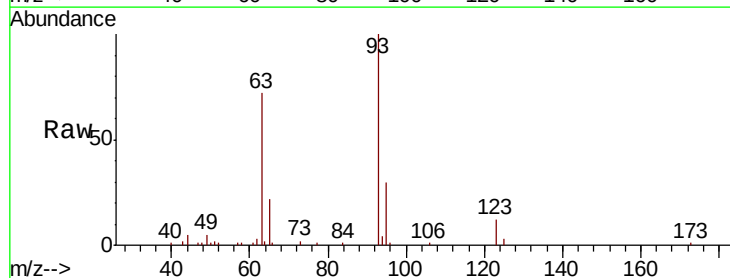


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

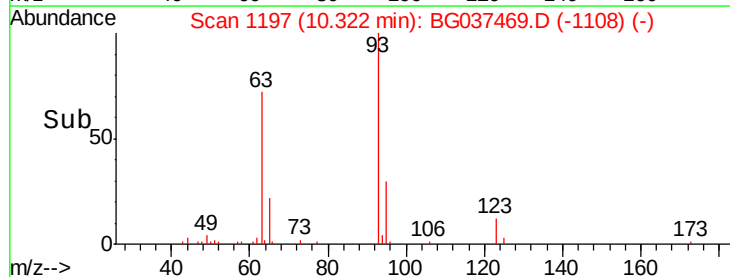
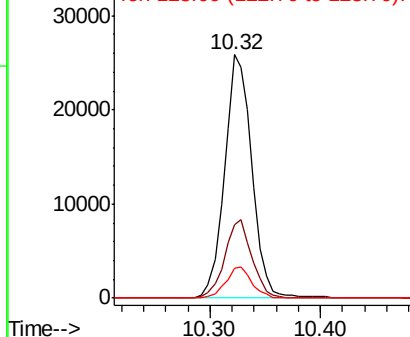


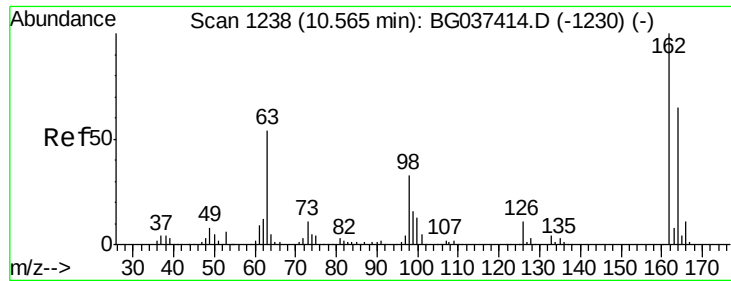
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.575 ng
 RT: 10.32 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion: 93 Resp: 44591
 Ion Ratio Lower Upper
 93 100
 95 30.2 24.6 37.0
 123 12.2 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

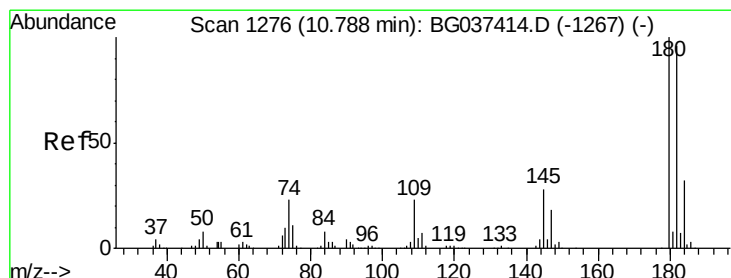
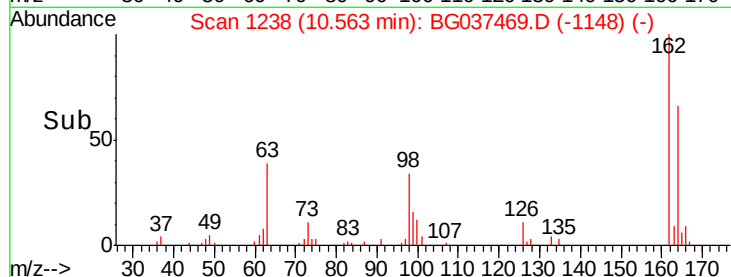
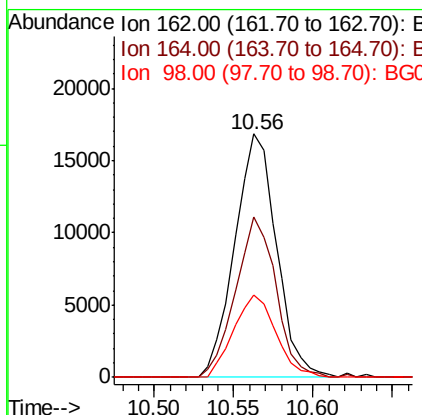
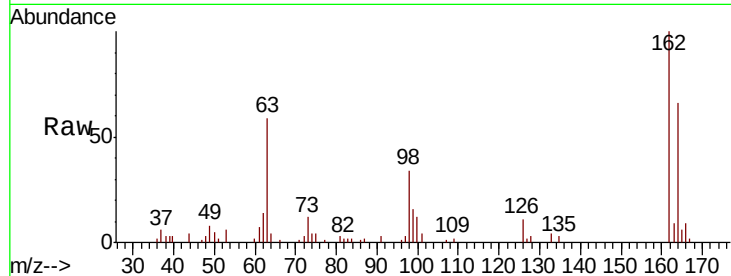




#29
 2,4-Dichlorophenol
 Concen: 7.617 ng
 RT: 10.56 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

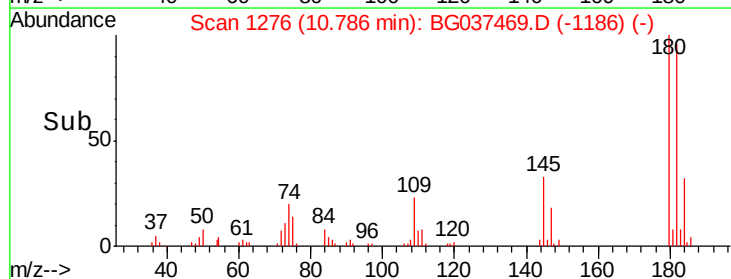
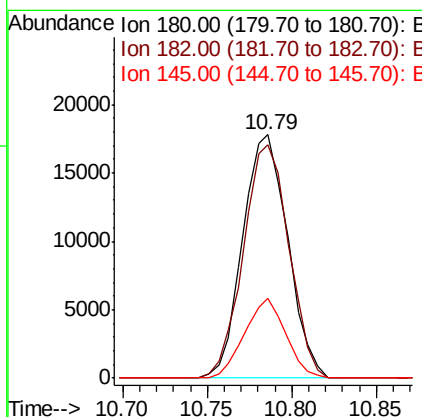
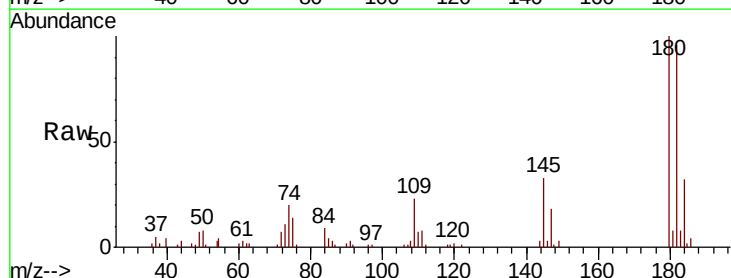
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

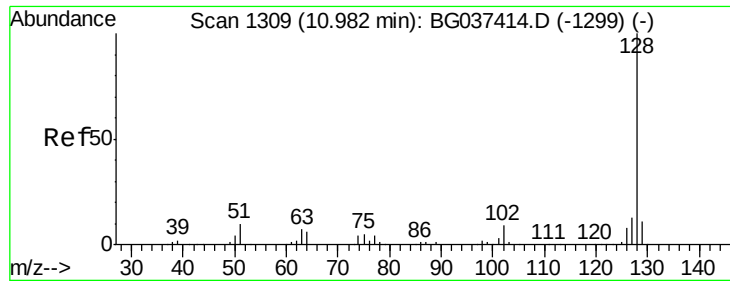
Tgt Ion:162 Resp: 30782
 Ion Ratio Lower Upper
 162 100
 164 66.0 43.2 83.2
 98 33.7 16.0 56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 7.489 ng
 RT: 10.79 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:180 Resp: 32915
 Ion Ratio Lower Upper
 180 100
 182 96.0 77.7 116.5
 145 32.7 23.3 34.9

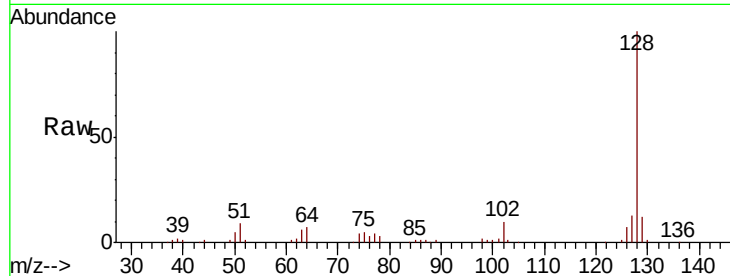




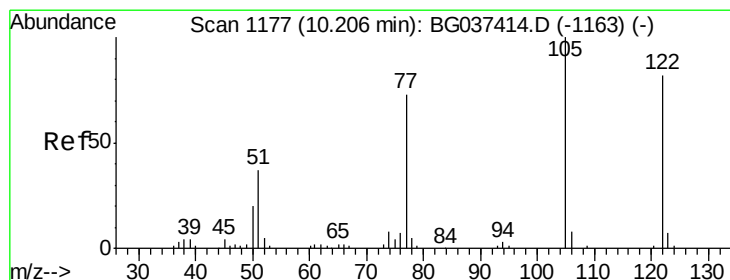
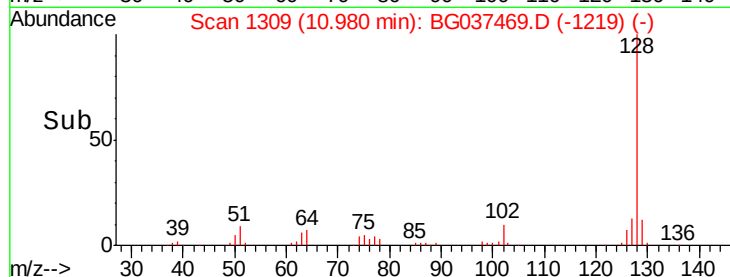
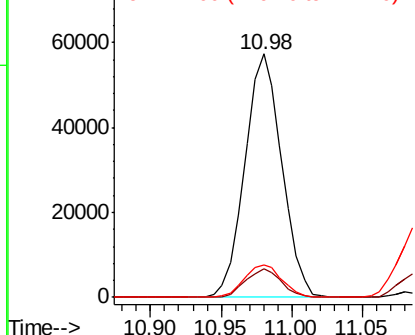
#31
Naphthalene
Concen: 8.785 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:128 Resp: 105001
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.5 11.1 16.7

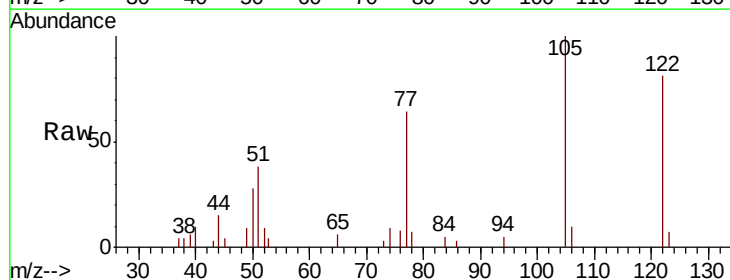


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

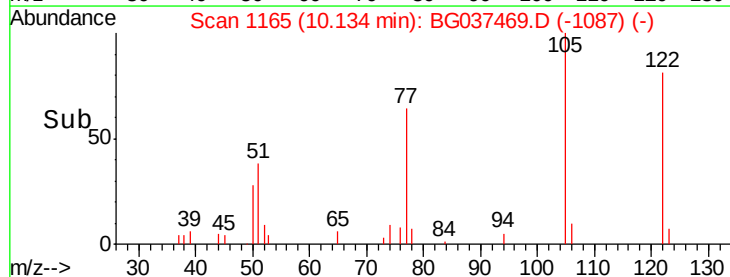
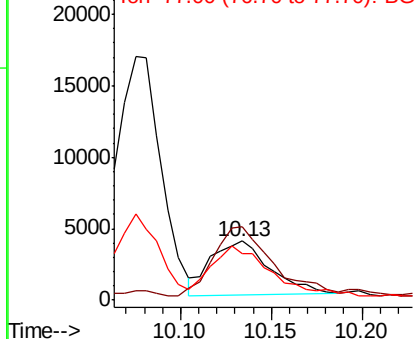


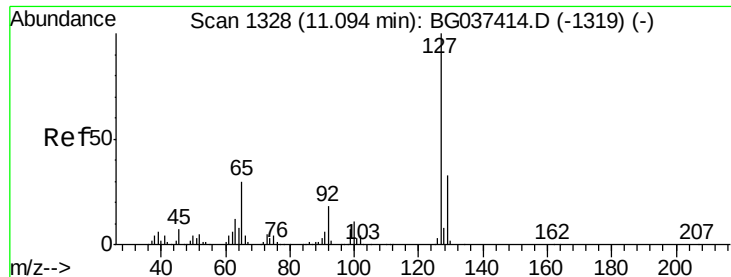
#32
Benzoic acid
Concen: 3.672 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.07 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:122 Resp: 8656
Ion Ratio Lower Upper
122 100
105 123.9 106.7 146.7
77 79.4 72.2 112.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

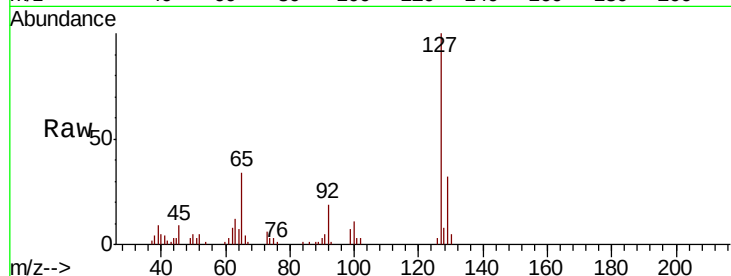




#33
4-Chloroaniline
Concen: 6.036 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	127	Resp:	33896
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	34.3	26.6	39.8
92	19.3	16.4	24.6



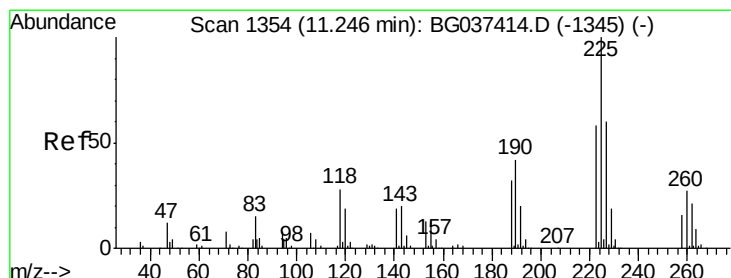
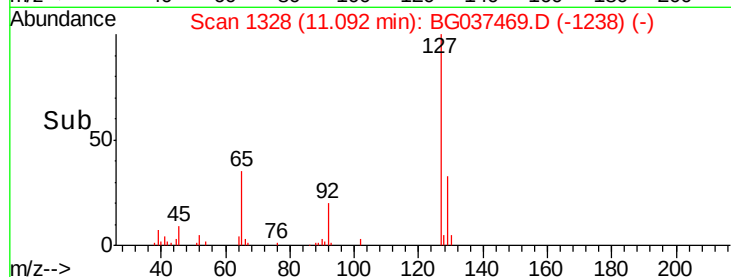
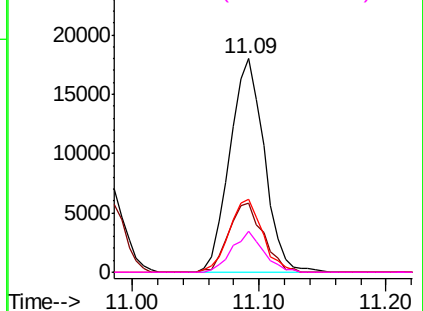
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

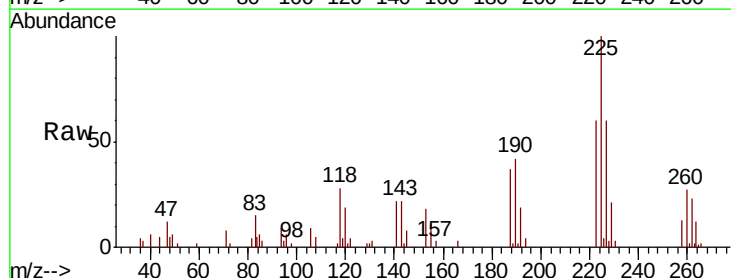
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 7.365 ng
RT: 11.24 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:	225	Resp:	19185
Ion	Ratio	Lower	Upper
225	100		
223	57.2	48.2	72.4
227	60.6	51.6	77.4

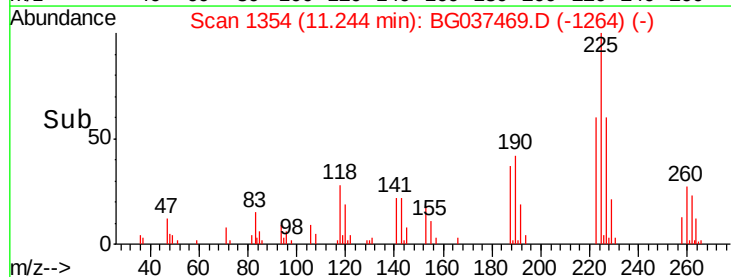
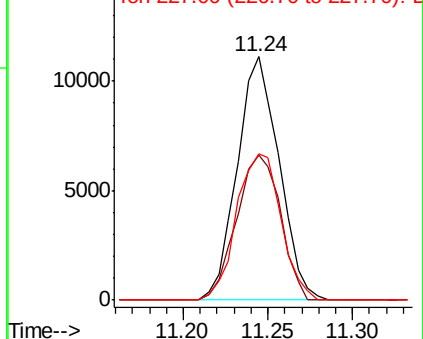


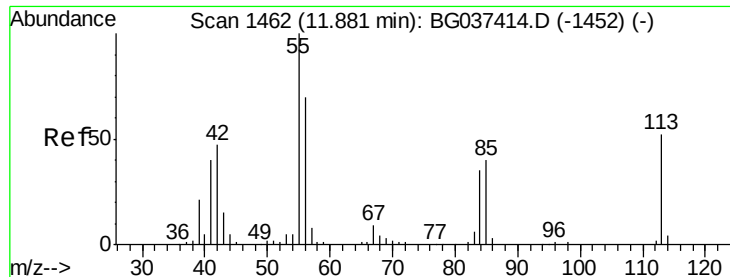
Abundance

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





#35

Caprolactam

Concen: 6.438 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.03 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

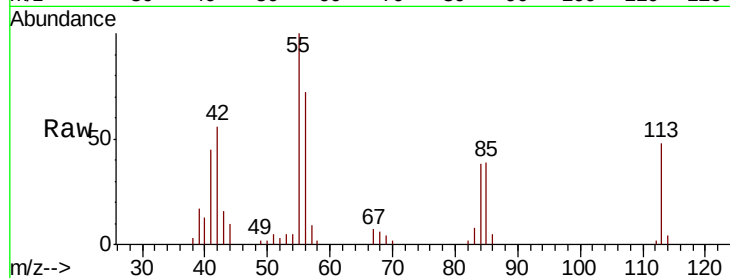
Tgt Ion:113 Resp: 10435

Ion Ratio Lower Upper

113 100

55 207.3 176.6 216.6

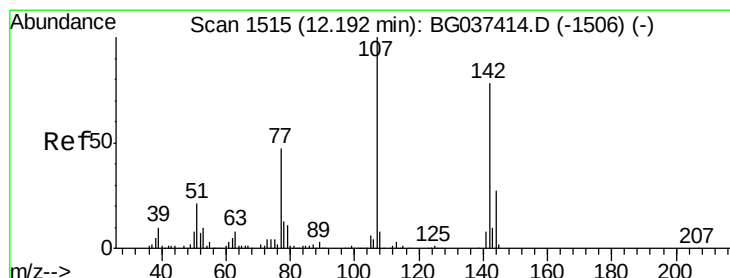
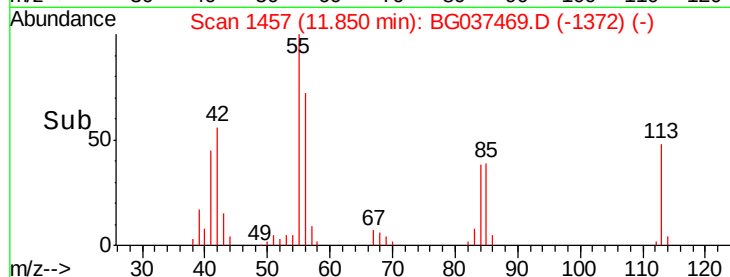
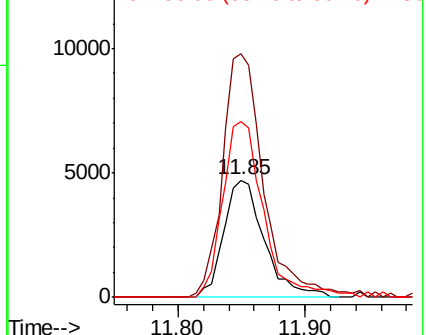
56 150.1 128.3 168.3



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



#36

4-Chloro-3-methylphenol

Concen: 7.734 ng

RT: 12.18 min Scan# 1514

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

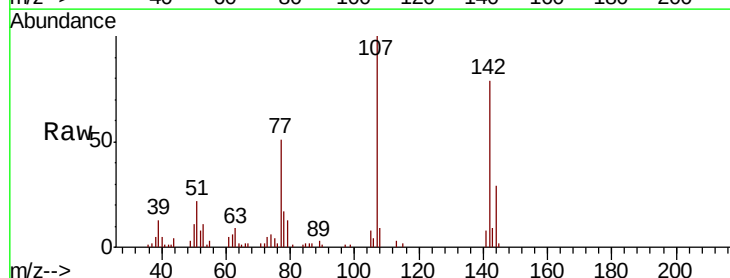
Tgt Ion:107 Resp: 35250

Ion Ratio Lower Upper

107 100

144 29.2 20.7 31.1

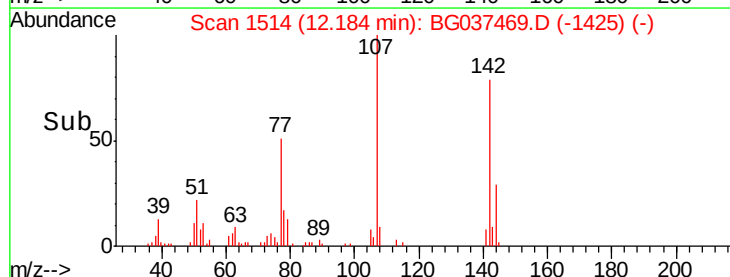
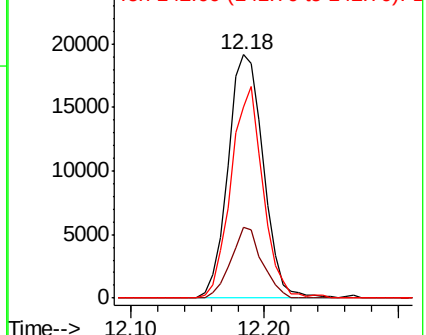
142 78.7 64.4 96.6

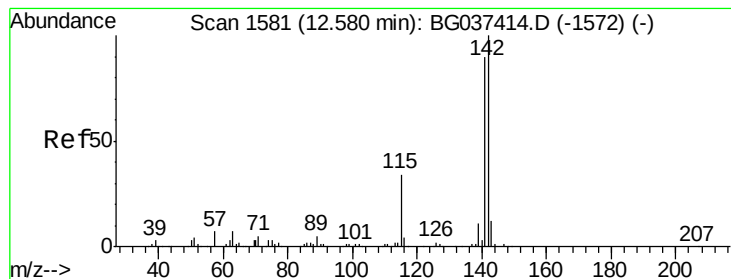


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 8.914 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

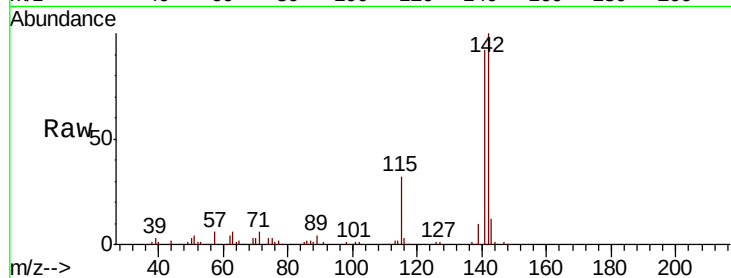
Tgt Ion:142 Resp: 77663

Ion Ratio Lower Upper

142 100

141 91.6 71.9 107.9

115 32.5 27.8 41.8

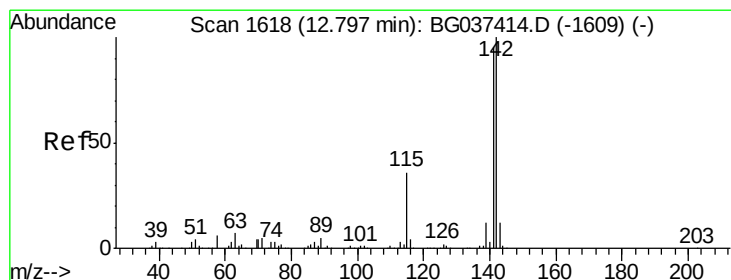
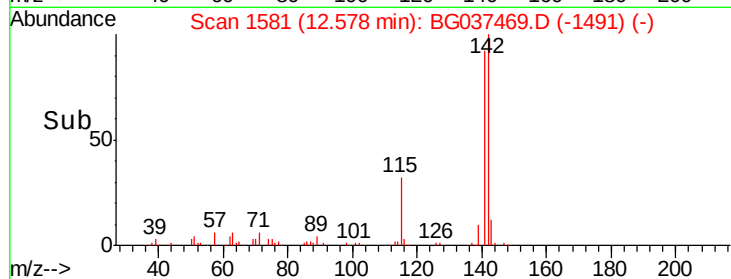
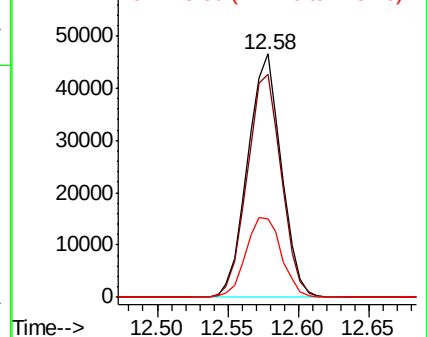


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 9.012 ng

RT: 12.80 min Scan# 1618

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

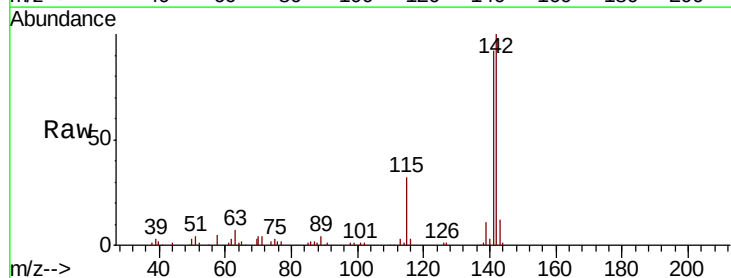
Tgt Ion:142 Resp: 76258

Ion Ratio Lower Upper

142 100

141 91.8 75.2 112.8

116 3.5 3.3 4.9

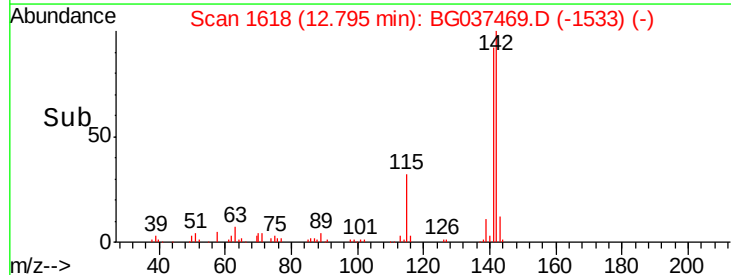
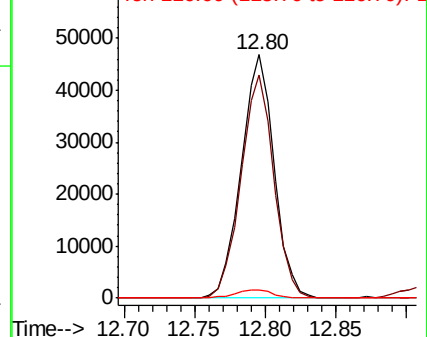


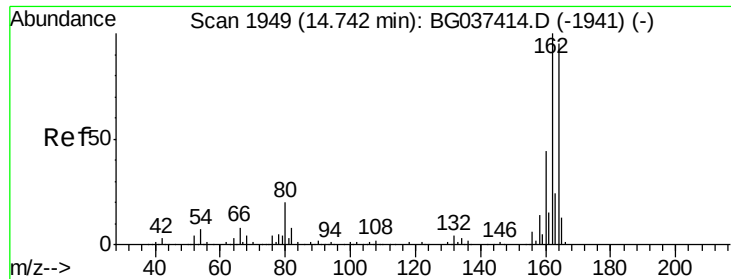
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

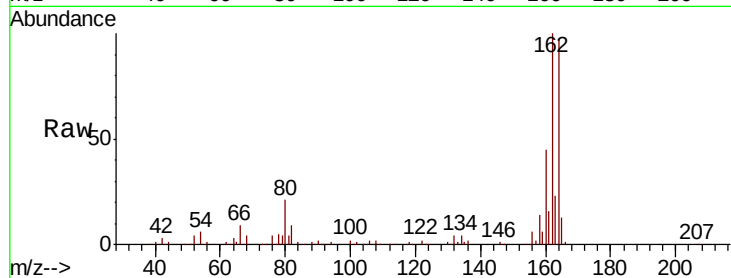
Tgt Ion:164 Resp: 162001

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

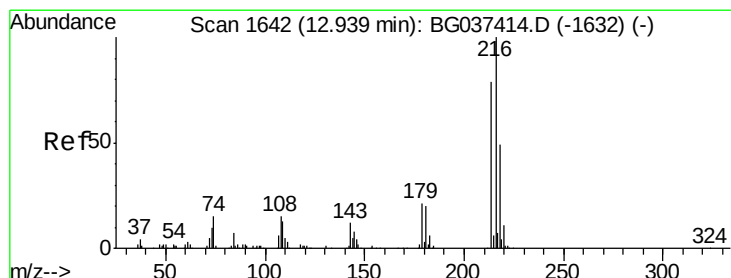
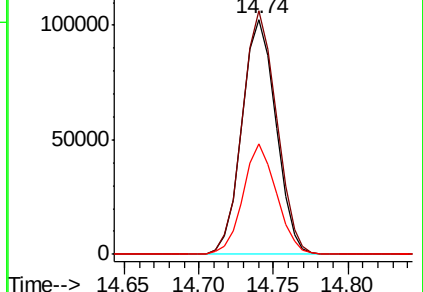
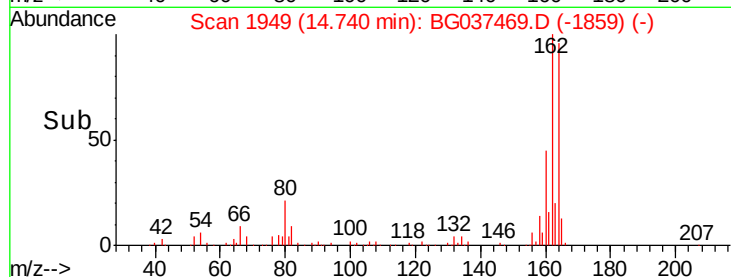
160 46.8 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 7.572 ng

RT: 12.94 min Scan# 1642

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:216 Resp: 39569

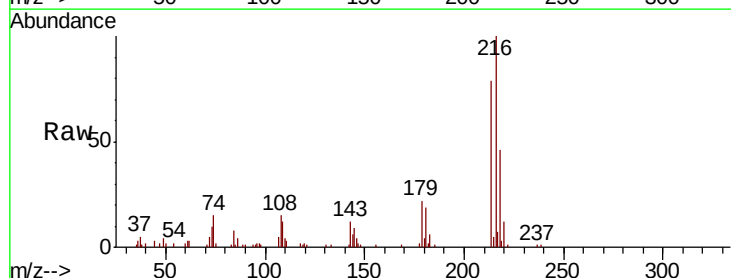
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 21.2 17.4 26.0

108 17.8 13.9 20.9

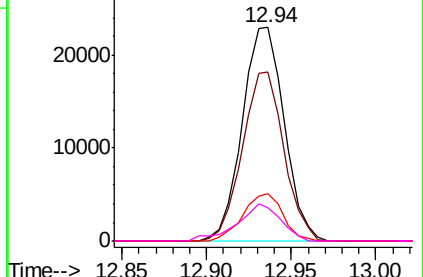
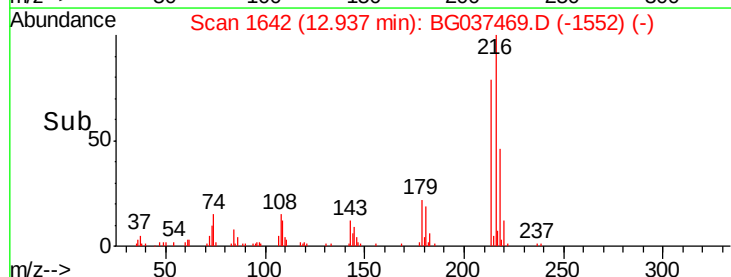


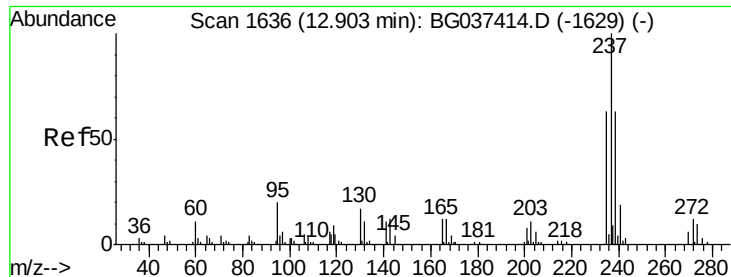
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.221 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

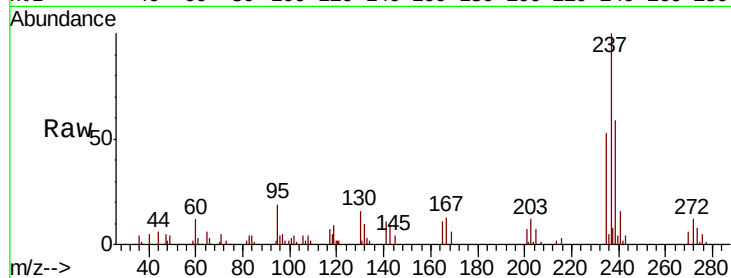
Tgt Ion: 237 Resp: 20521

Ion Ratio Lower Upper

237 100

235 52.6 42.5 82.5

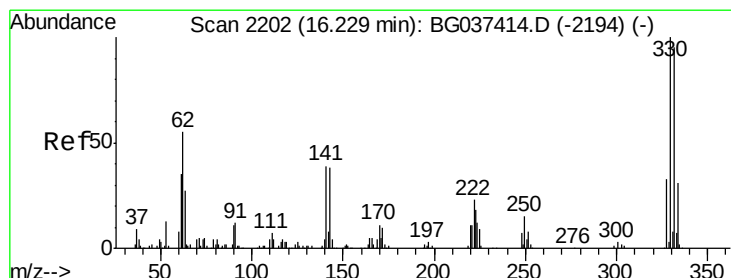
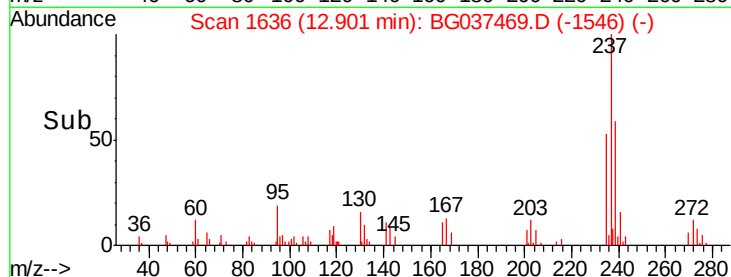
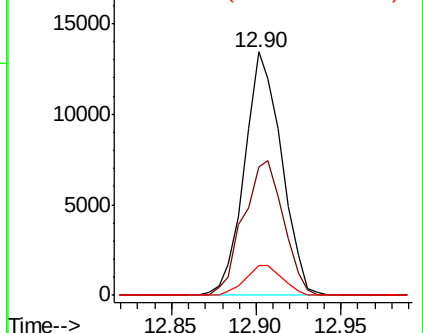
272 12.5 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 139.959 ng

RT: 16.23 min Scan# 2202

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

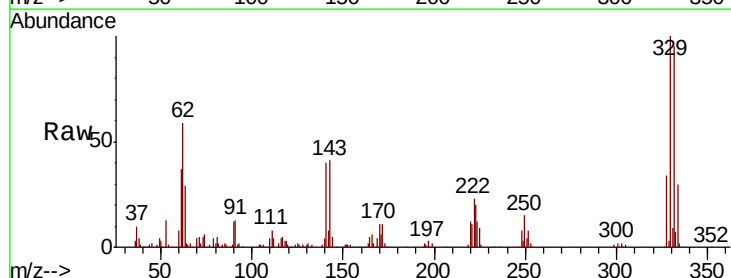
Tgt Ion: 330 Resp: 247298

Ion Ratio Lower Upper

330 100

332 94.5 78.4 117.6

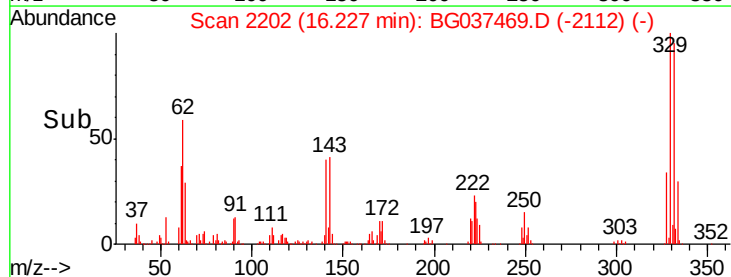
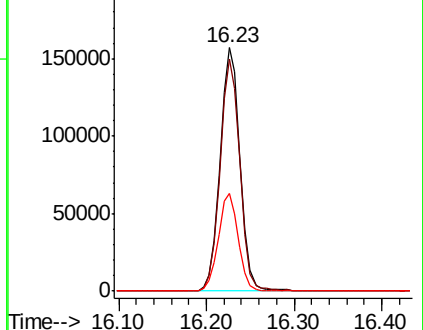
141 39.9 32.2 48.2

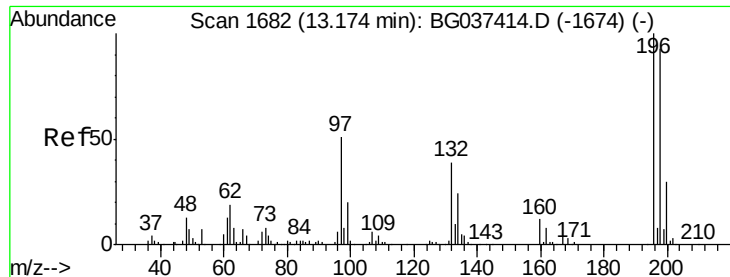


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

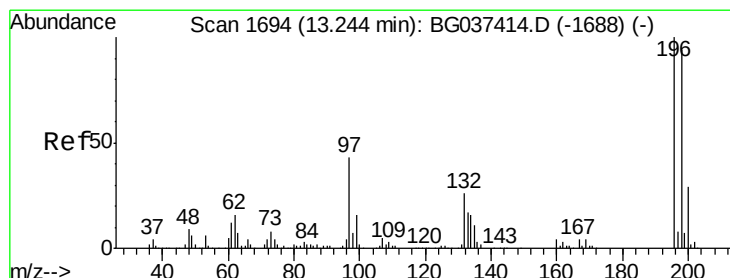
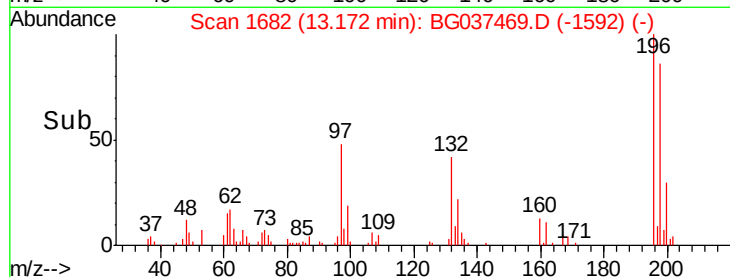
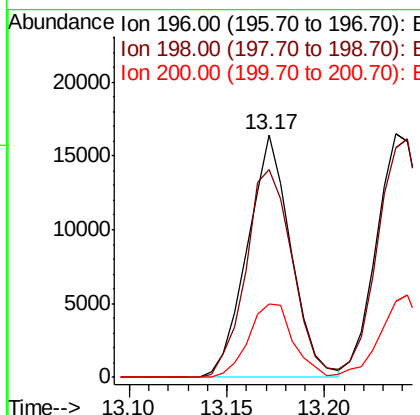
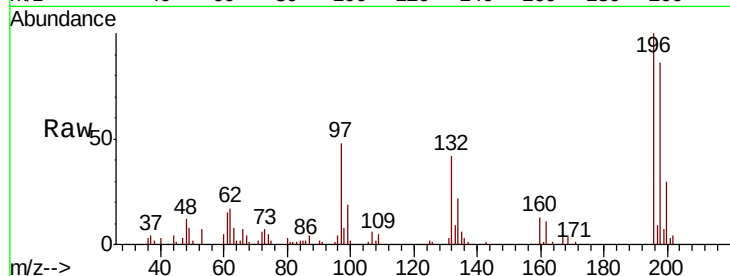




#43
 2,4,6-Trichlorophenol
 Concen: 7.246 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

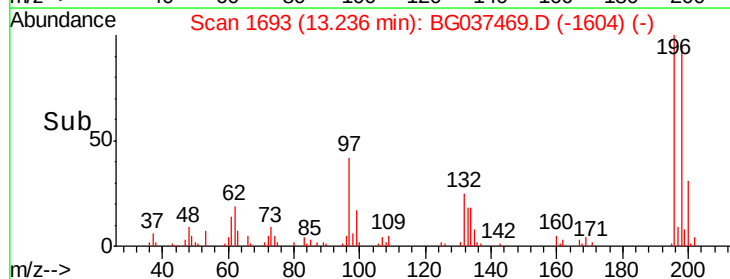
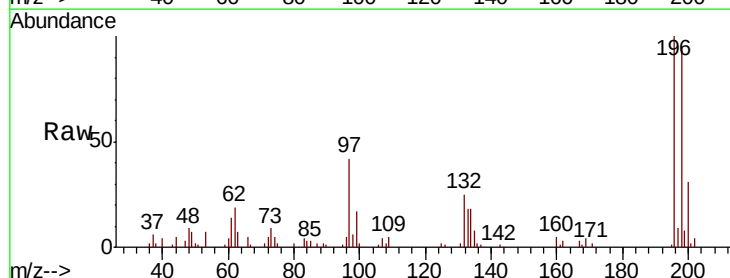
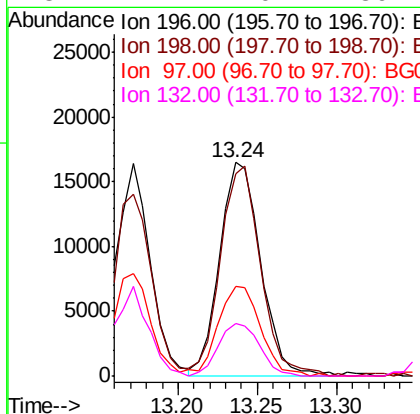
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

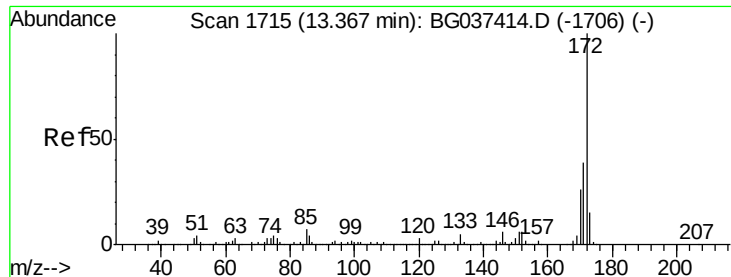
Tgt Ion:196 Resp: 25296
 Ion Ratio Lower Upper
 196 100
 198 85.5 76.4 114.6
 200 30.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 7.824 ng
 RT: 13.24 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:196 Resp: 29737
 Ion Ratio Lower Upper
 196 100
 198 94.5 74.2 111.2
 97 42.1 34.1 51.1
 132 24.7 20.2 30.4

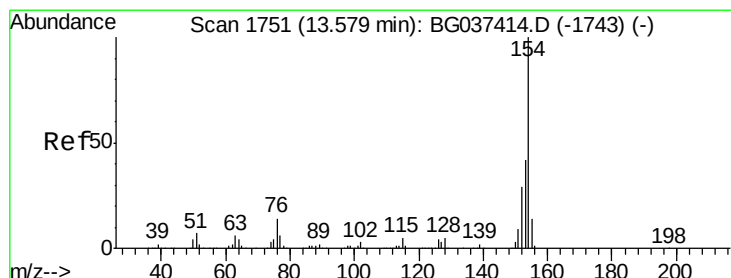
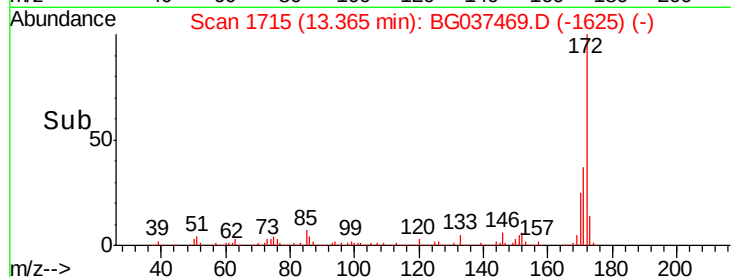
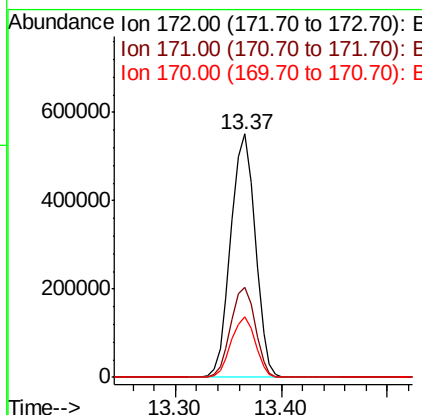
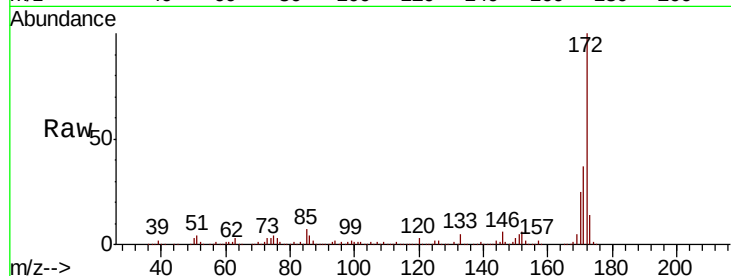




#45
2-Fluorobiphenyl
Concen: 82.079 ng
RT: 13.37 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

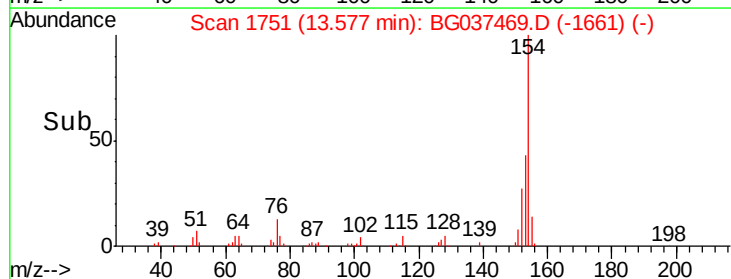
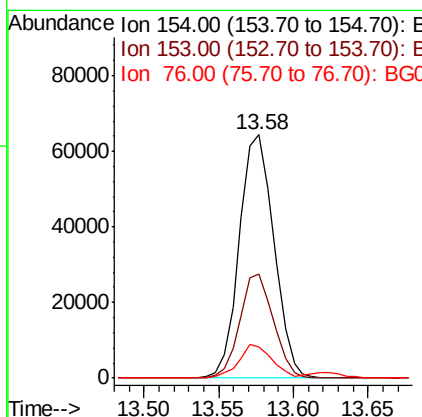
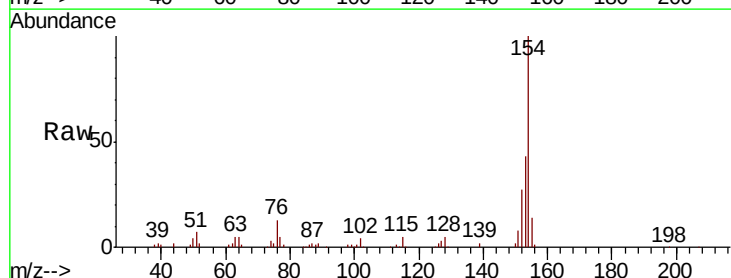
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

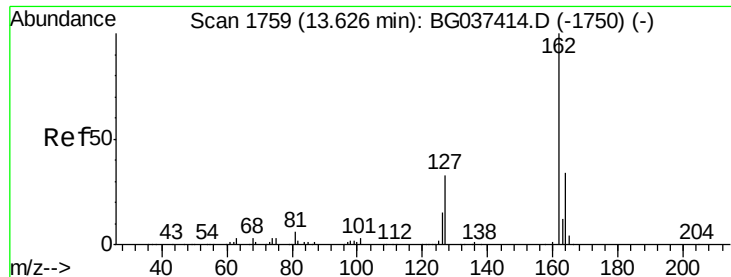
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	31.0	46.4
170	24.6	20.2	30.2



#46
1,1'-Biphenyl
Concen: 7.699 ng
RT: 13.58 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	22.1	62.1
76	13.0	0.0	33.2

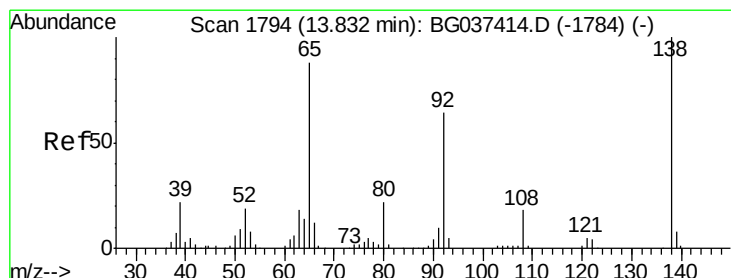
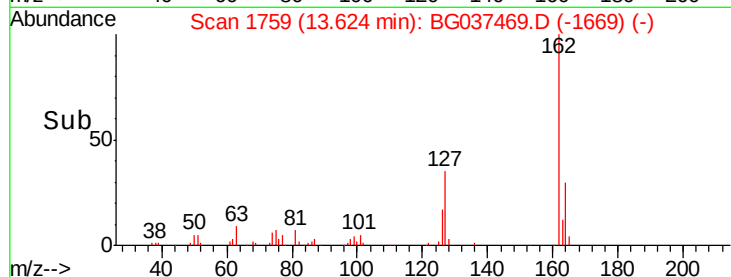
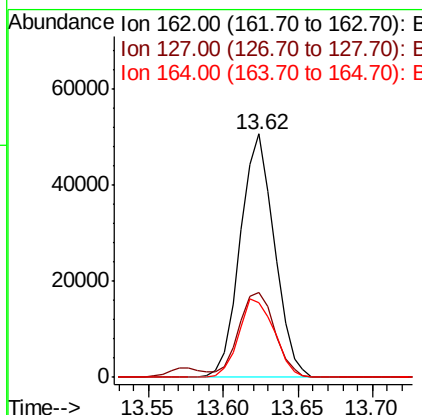
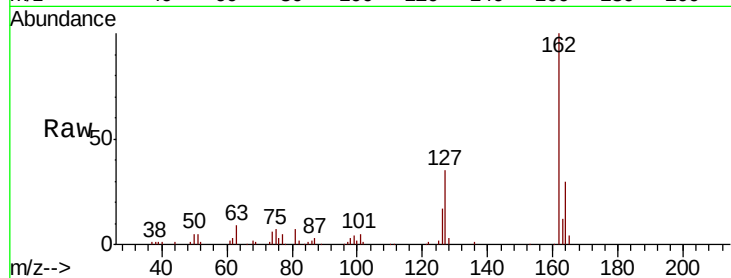




#47
 2-Chloronaphthalene
 Concen: 7.920 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

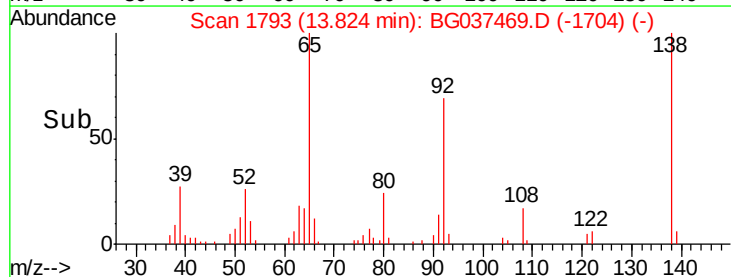
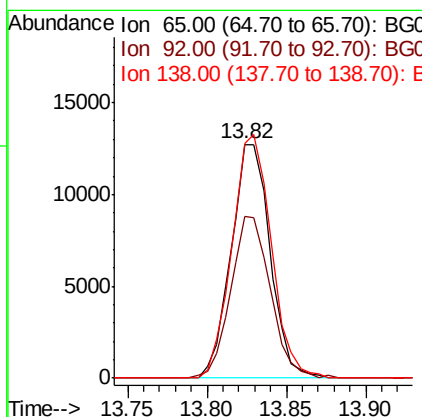
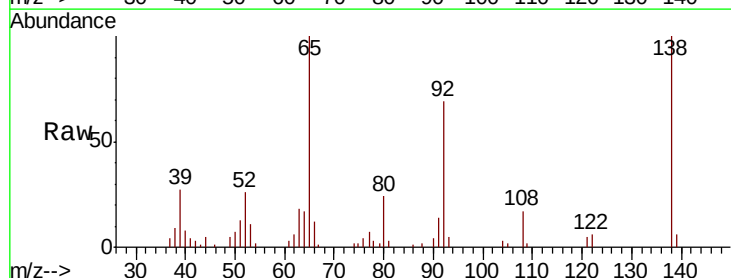
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

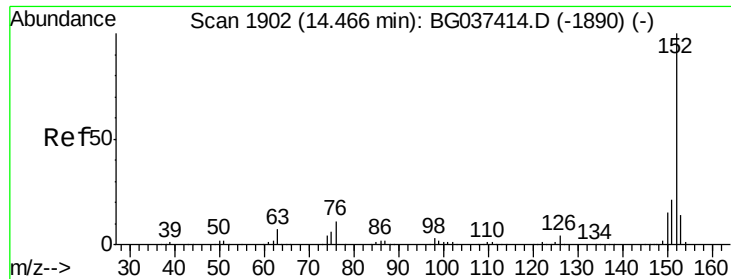
Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.9	30.5	45.7
164	30.5	26.4	39.6



#48
 2-Nitroaniline
 Concen: 7.047 ng
 RT: 13.82 min Scan# 1793
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.3	53.2	79.8
138	100.2	79.3	118.9





#49

Acenaphthylene

Concen: 8.939 ng

RT: 14.46 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

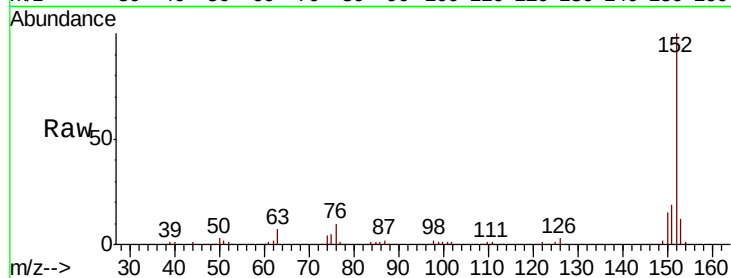
Tgt Ion:152 Resp: 136491

Ion Ratio Lower Upper

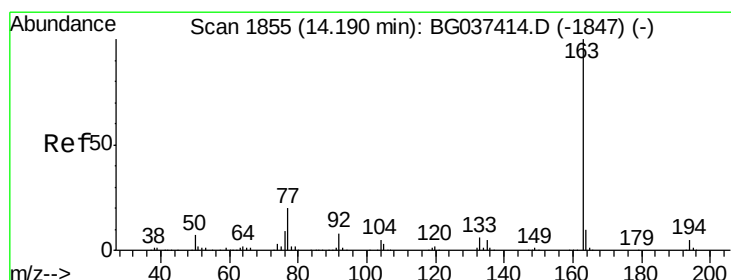
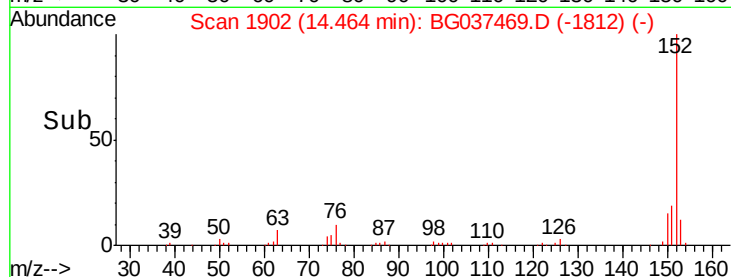
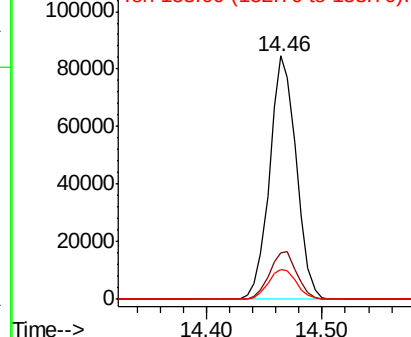
152 100

151 19.1 17.1 25.7

153 12.2 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.363 ng

RT: 14.19 min Scan# 1855

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

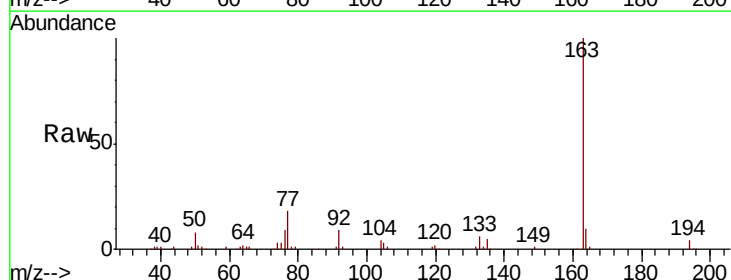
Tgt Ion:163 Resp: 104811

Ion Ratio Lower Upper

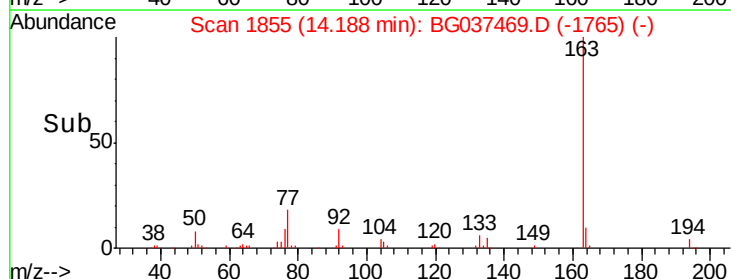
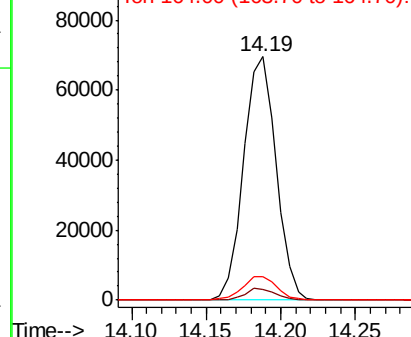
163 100

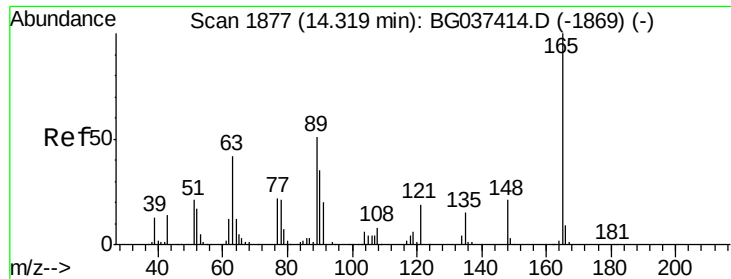
194 4.4 3.5 5.3

164 9.6 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

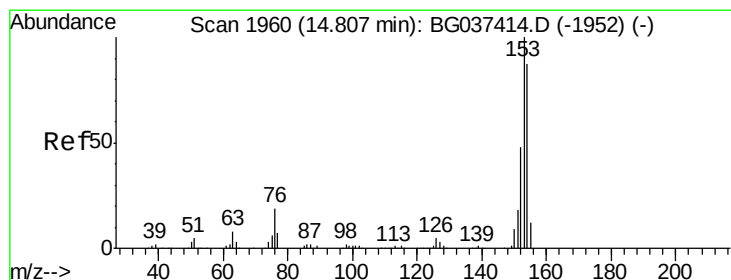
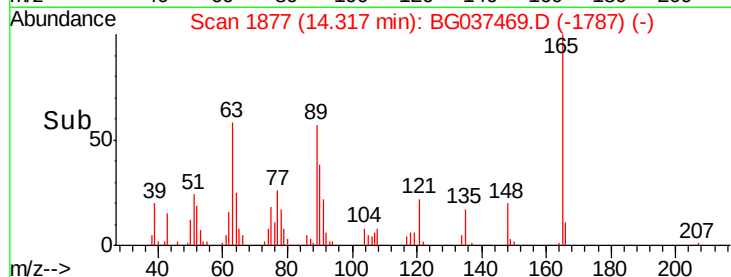
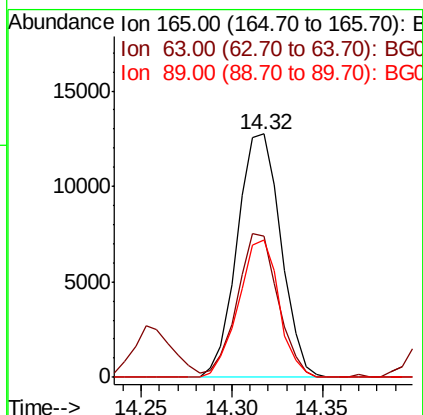
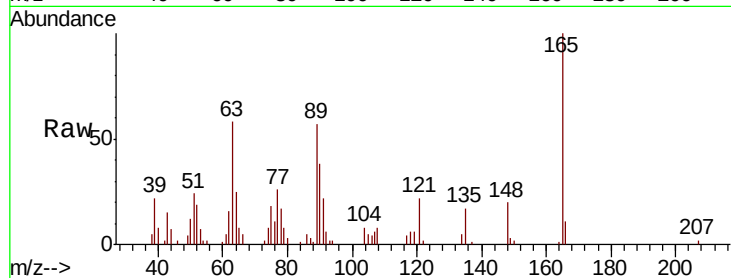




#51
 2,6-Dinitrotoluene
 Concen: 7.690 ng
 RT: 14.32 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

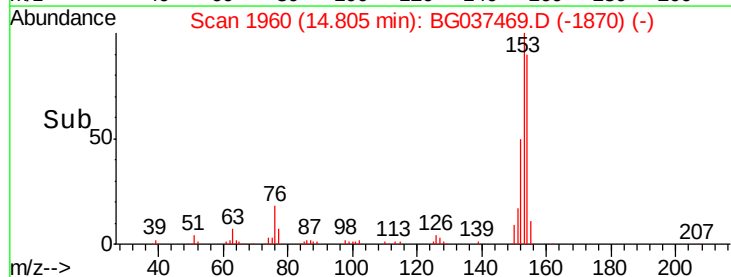
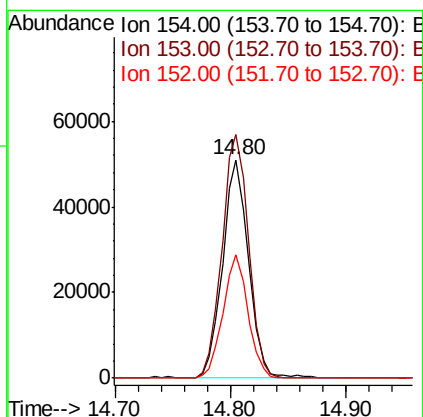
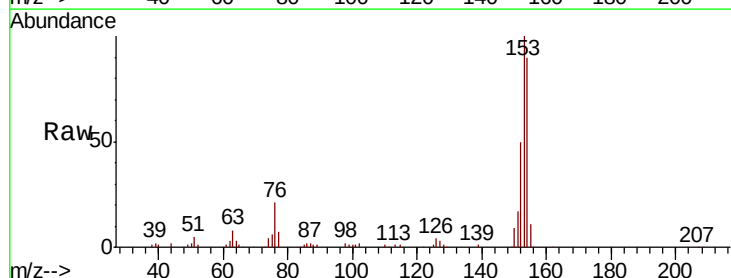
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

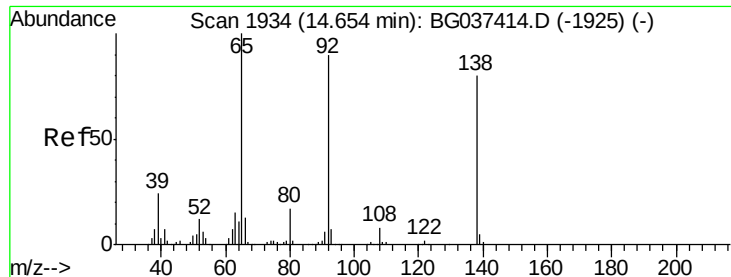
Tgt Ion:165 Resp: 21321
 Ion Ratio Lower Upper
 165 100
 63 58.0 43.4 65.2
 89 56.7 45.8 68.6



#52
 Acenaphthene
 Concen: 8.429 ng
 RT: 14.80 min Scan# 1960
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:154 Resp: 79265
 Ion Ratio Lower Upper
 154 100
 153 111.6 93.4 140.0
 152 56.3 44.7 67.1

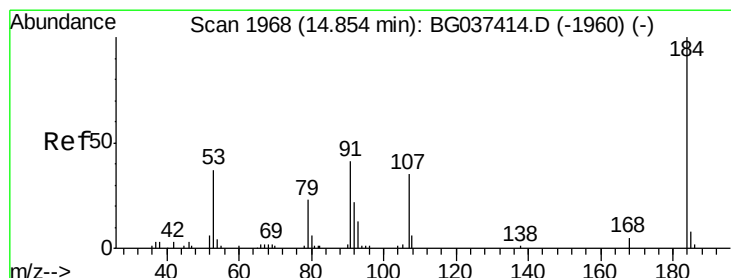
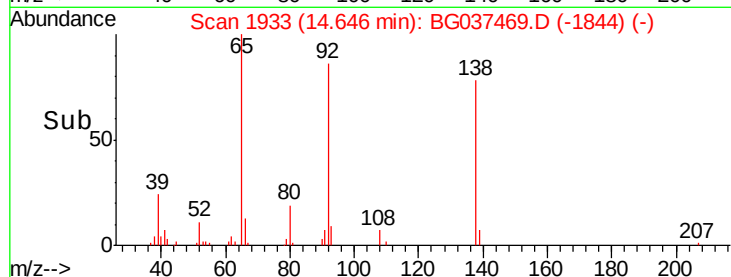
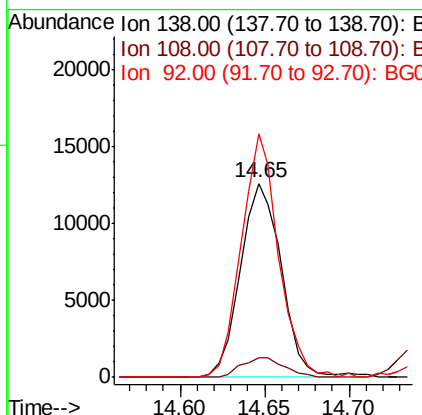
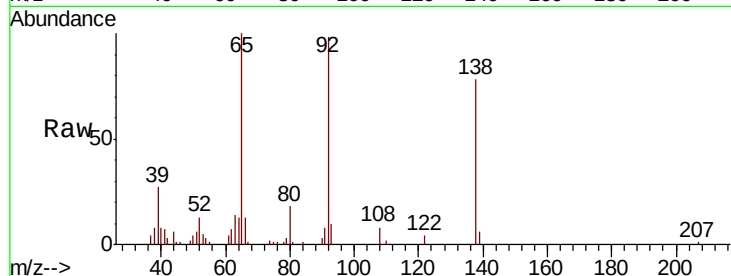




#53
3-Nitroaniline
Concen: 6.881 ng
RT: 14.65 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

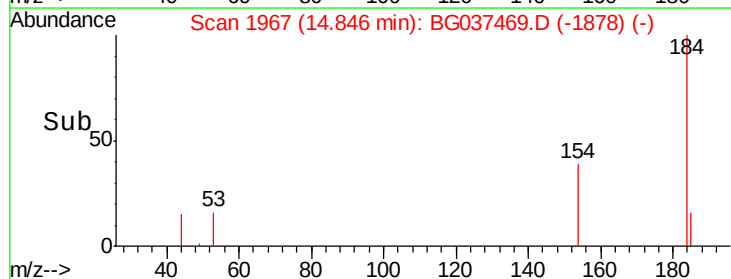
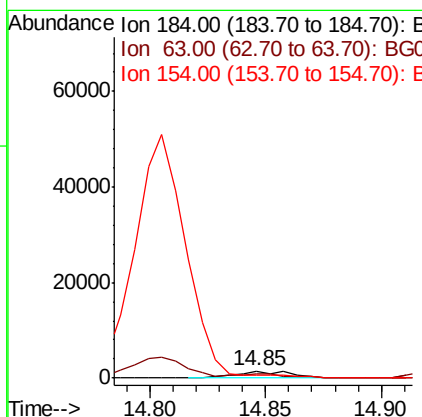
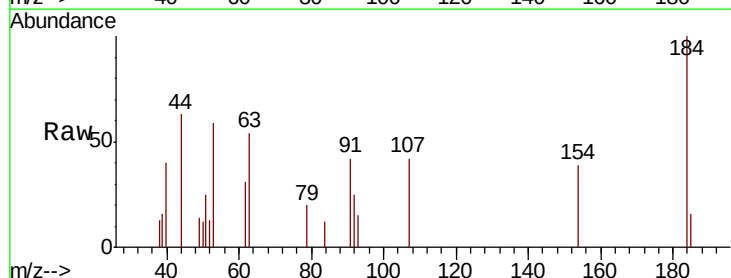
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

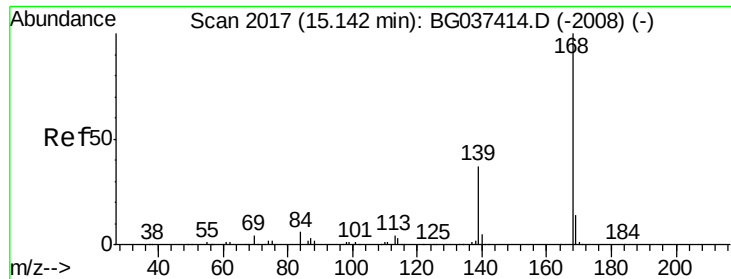
Tgt Ion:138 Resp: 21179
Ion Ratio Lower Upper
138 100
108 10.3 11.0 16.6#
92 125.7 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 9.601 ng
RT: 14.85 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:184 Resp: 2290
Ion Ratio Lower Upper
184 100
63 54.5 42.6 63.8
154 39.3 41.8 62.6#

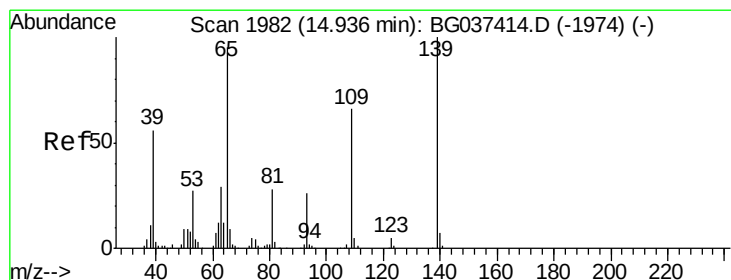
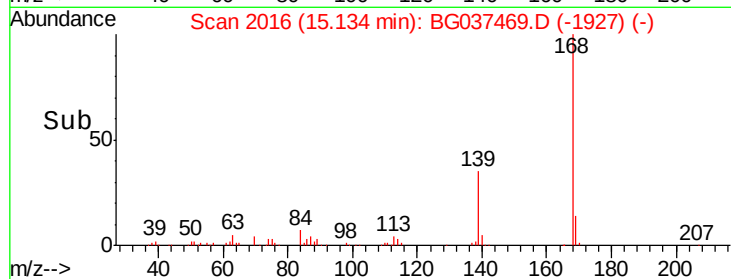
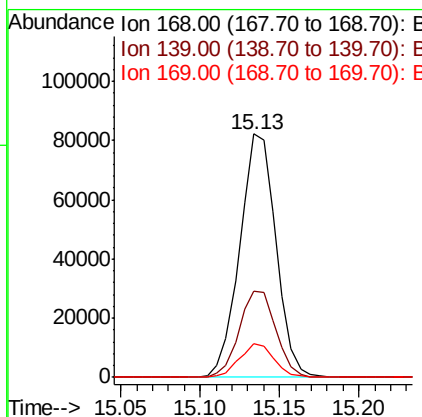
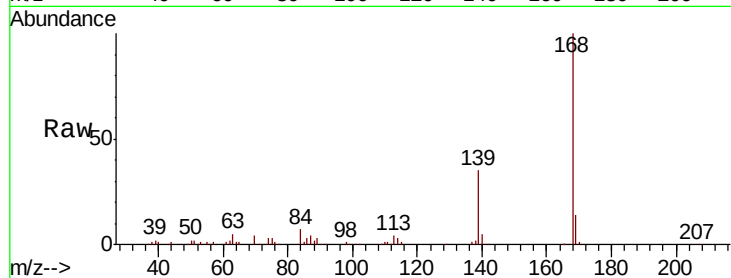




#55
Dibenzenofuran
Concen: 8.362 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

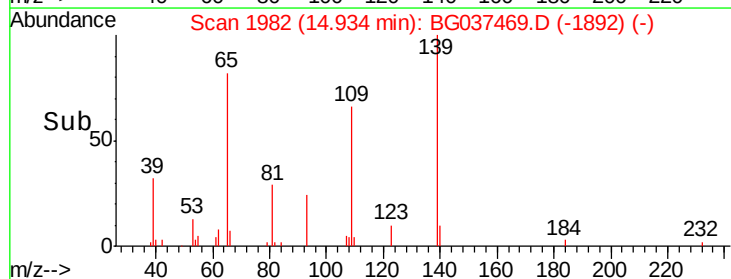
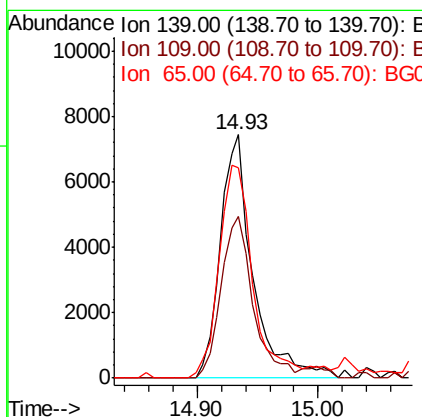
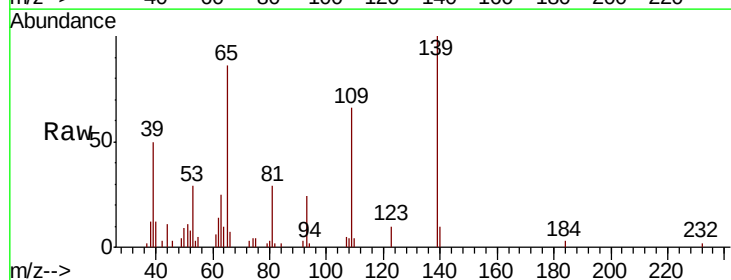
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

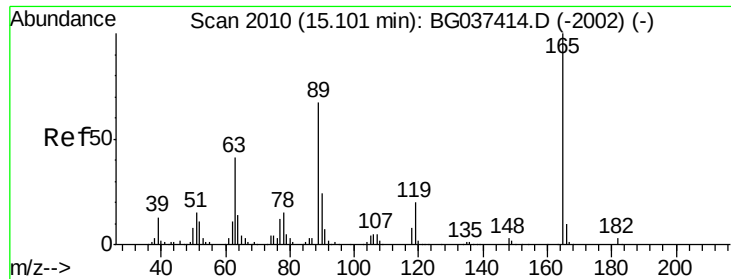
Tgt Ion:168 Resp: 130271
Ion Ratio Lower Upper
168 100
139 35.2 29.4 44.0
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 6.079 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:139 Resp: 13849
Ion Ratio Lower Upper
139 100
109 66.3 49.5 89.5
65 86.3 76.8 116.8

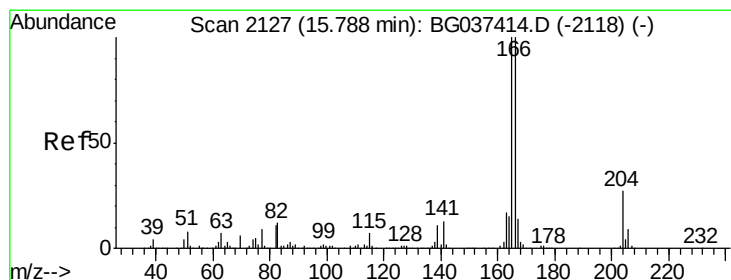
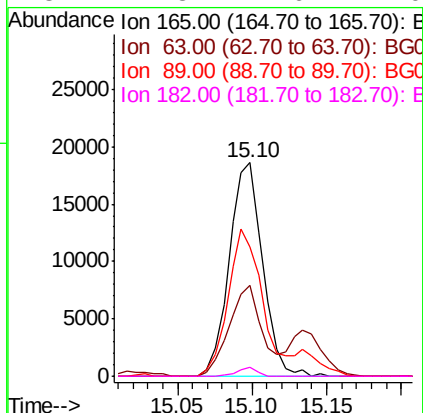
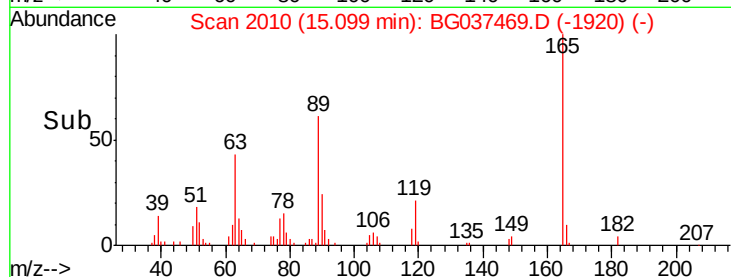
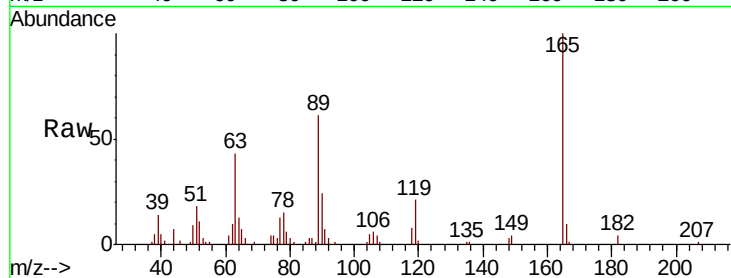




#57
 2,4-Dinitrotoluene
 Concen: 7.958 ng
 RT: 15.10 min Scan# 210
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

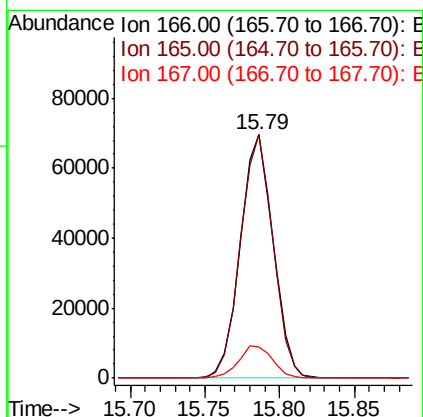
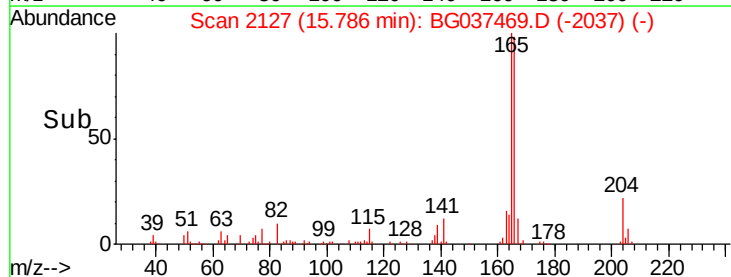
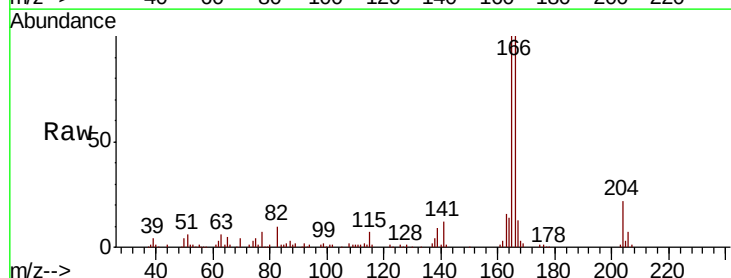
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

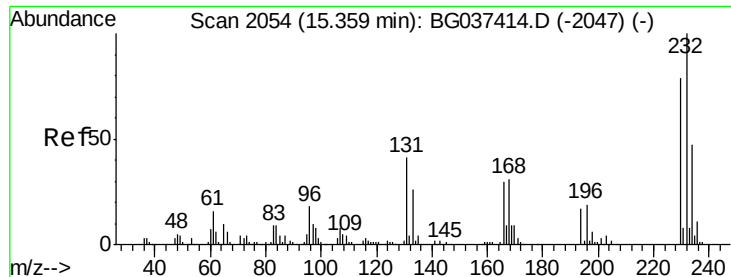
Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.5	33.4	50.0
89	60.5	57.2	85.8
182	4.3	2.6	4.0



#58
 Fluorene
 Concen: 9.082 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.0	118.6
167	12.8	11.3	16.9

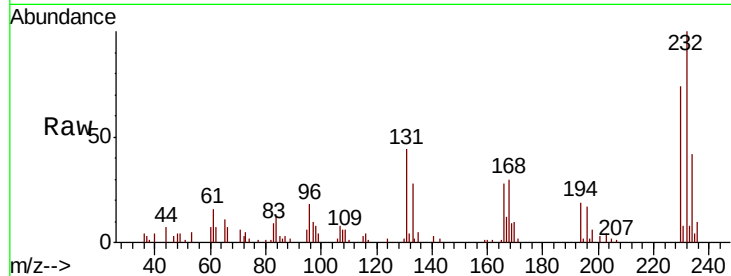




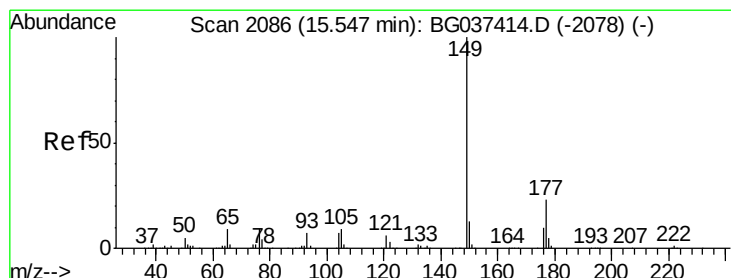
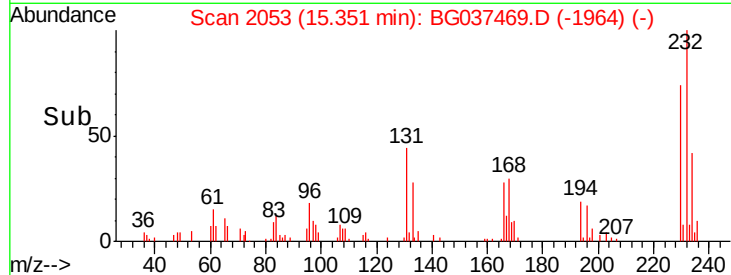
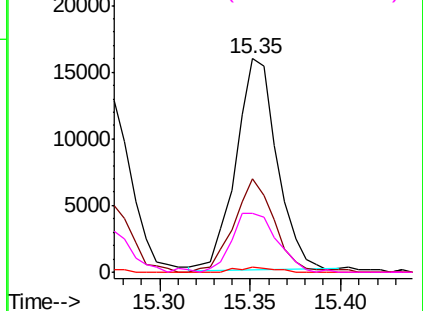
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.655 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:	232	Resp:	24912
Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.7	50.5
130	2.2	2.1	3.1
166	31.0	24.6	36.8

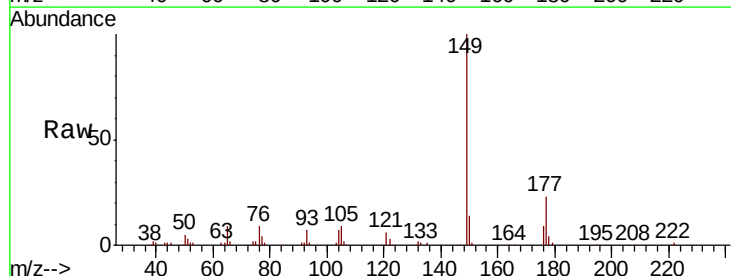


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

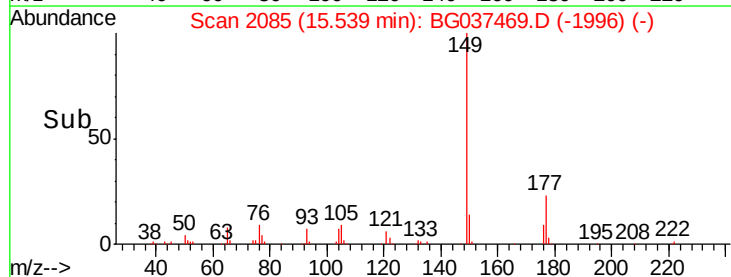
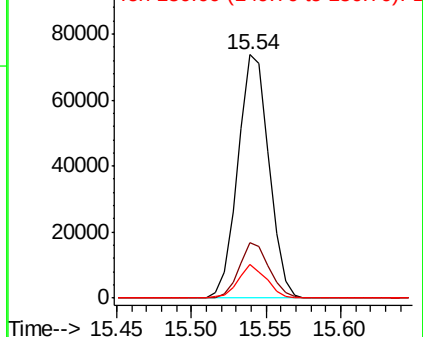


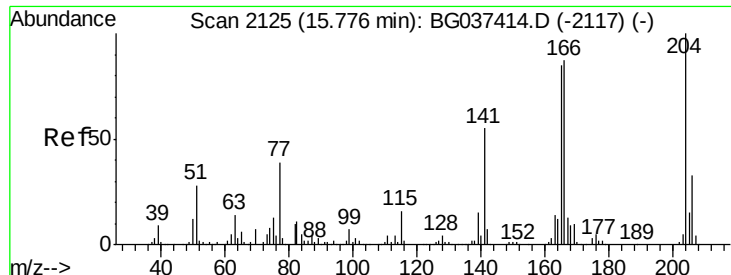
#60
 Diethylphthalate
 Concen: 8.275 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:	149	Resp:	106466
Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	13.7	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

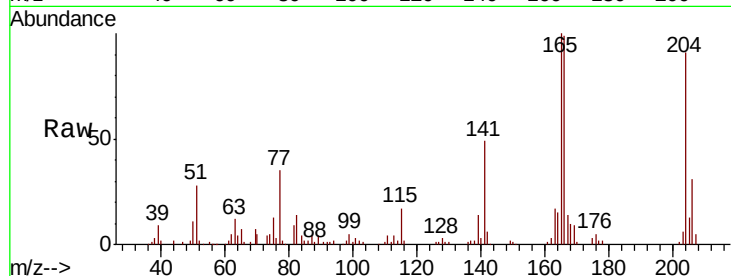




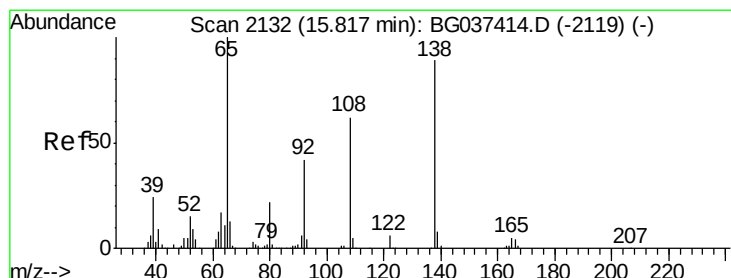
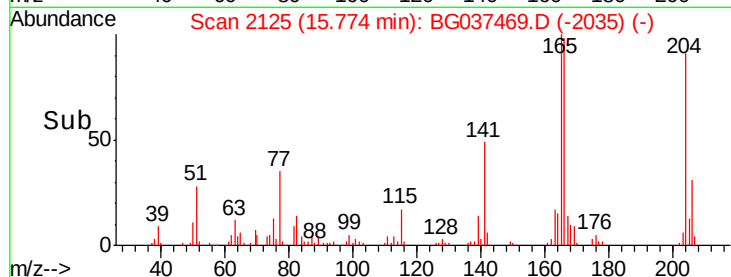
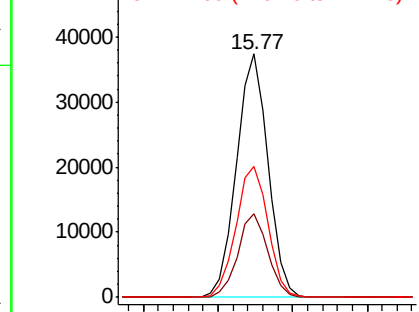
#61
4-Chlorophenyl-phenylether
Concen: 8.061 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:204 Resp: 54817
Ion Ratio Lower Upper
204 100
206 34.4 26.6 39.8
141 53.9 45.4 68.2

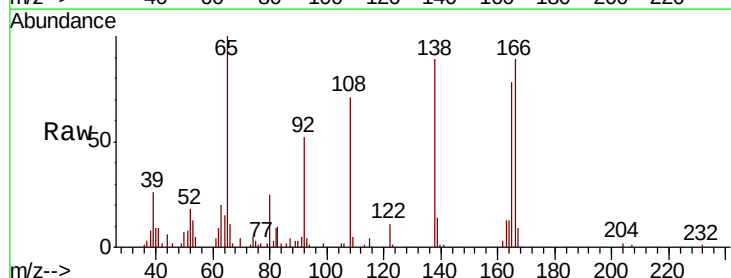


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

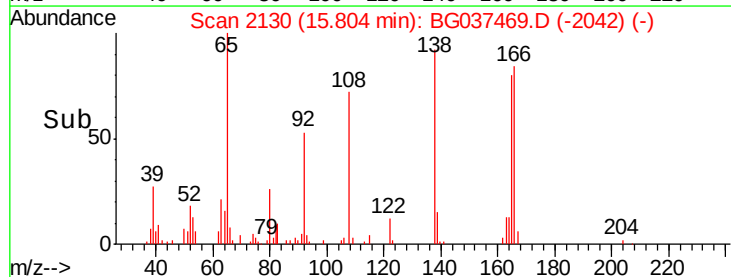
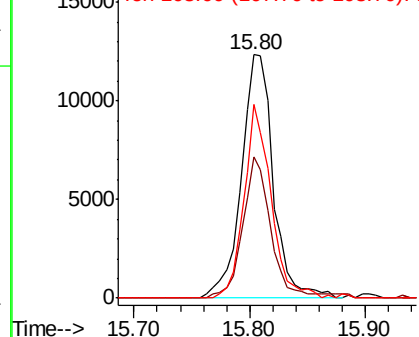


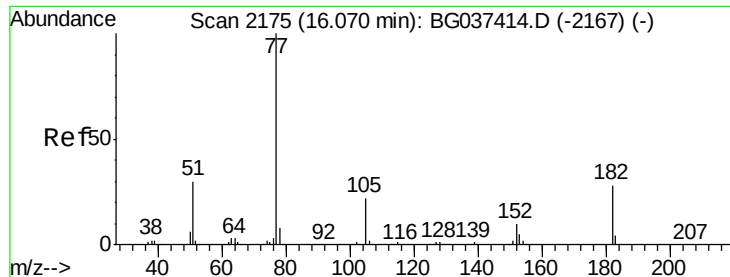
#62
4-Nitroaniline
Concen: 7.683 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:138 Resp: 23496
Ion Ratio Lower Upper
138 100
92 58.1 36.4 76.4
108 79.7 60.1 100.1



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 8.410 ng

RT: 16.07 min Scan# 2175

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 77 Resp: 103247

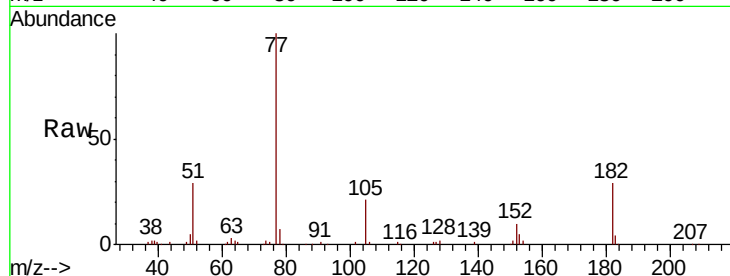
Ion Ratio Lower Upper

77 100

182 29.2 8.0 48.0

105 20.6 1.3 41.3

51 29.3 10.7 50.7

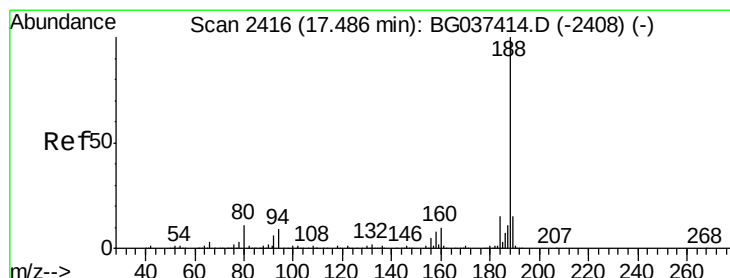
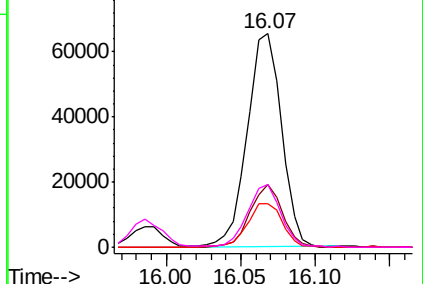
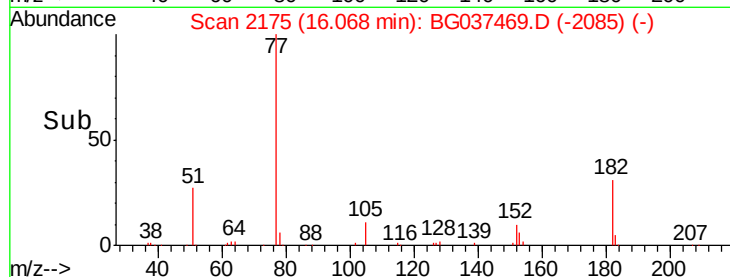


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.48 min Scan# 2416

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

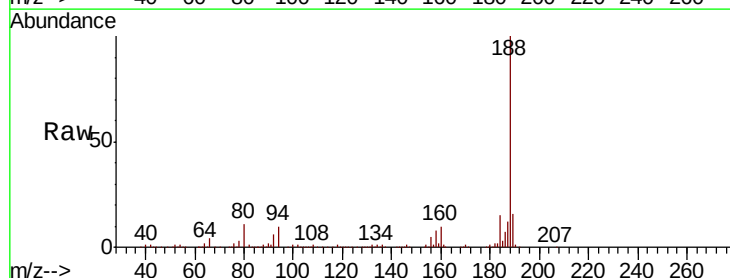
Tgt Ion: 188 Resp: 391156

Ion Ratio Lower Upper

188 100

94 10.4 7.2 10.8

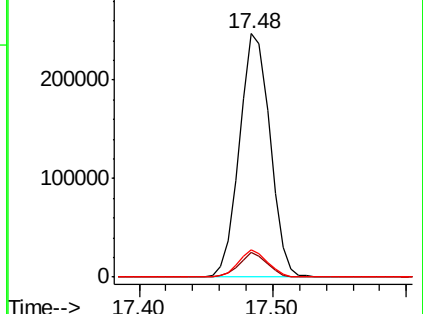
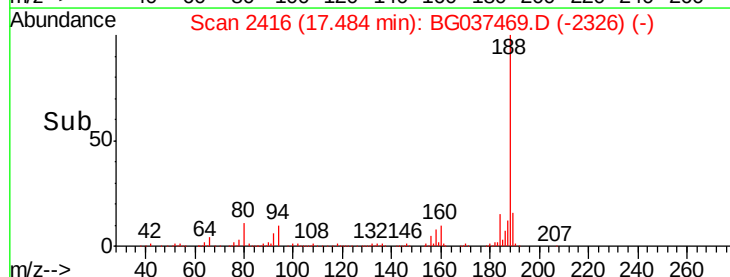
80 11.0 7.7 11.5

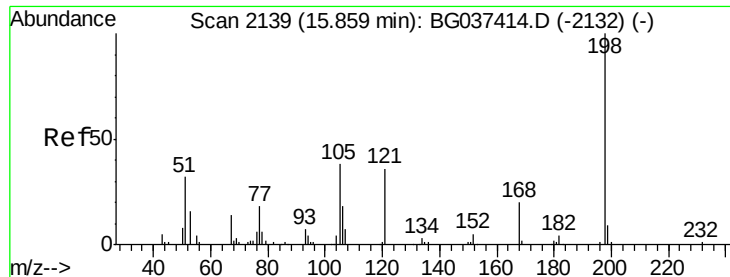


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

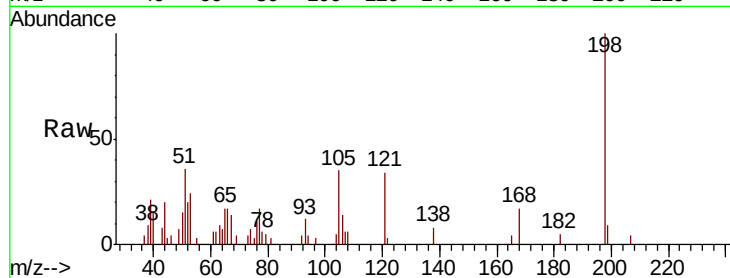




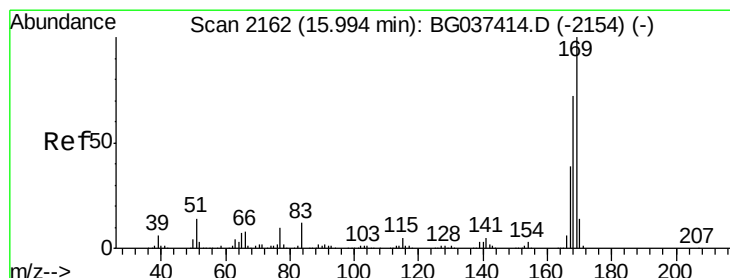
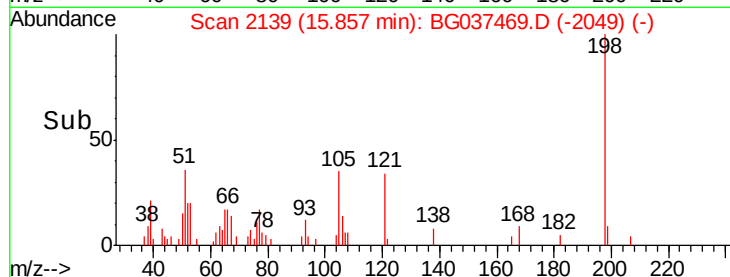
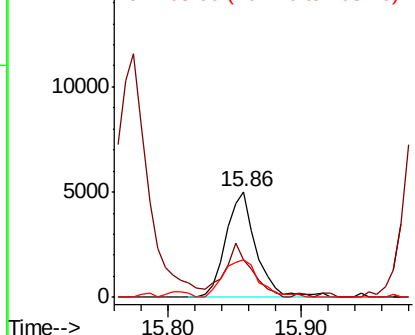
#65
4,6-Dinitro-2-methylphenol
Concen: 11.697 ng
RT: 15.86 min Scan# 2139
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:198 Resp: 7956
Ion Ratio Lower Upper
198 100
51 35.9 22.7 62.7
105 35.4 19.7 59.7

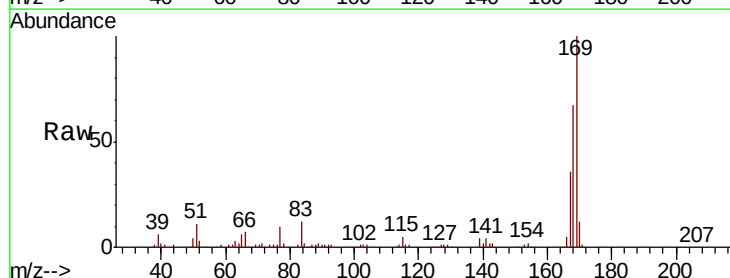


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

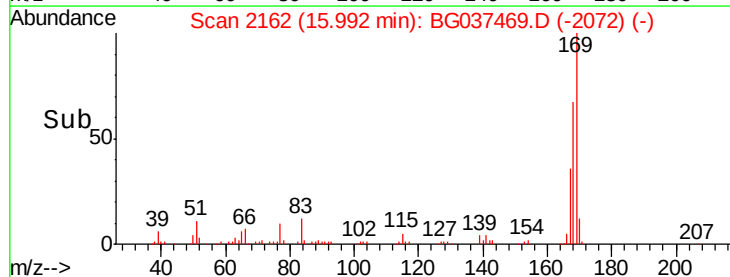
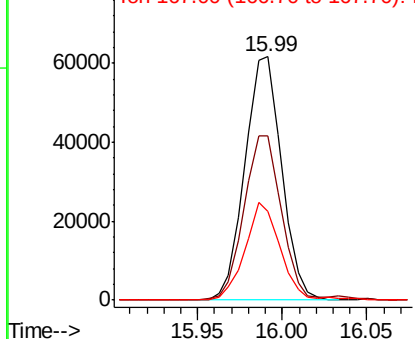


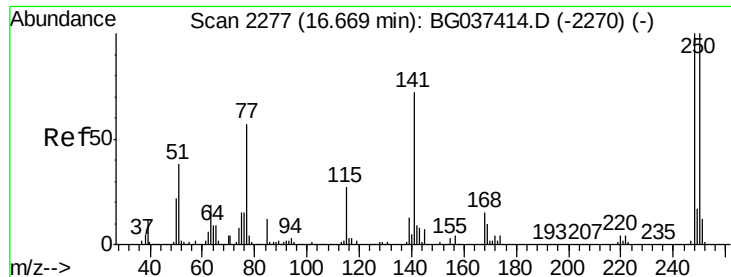
#66
n-Nitrosodiphenylamine
Concen: 7.968 ng
RT: 15.99 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:169 Resp: 93748
Ion Ratio Lower Upper
169 100
168 67.2 55.7 83.5
167 36.3 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 7.550 ng

RT: 16.67 min Scan# 2277

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

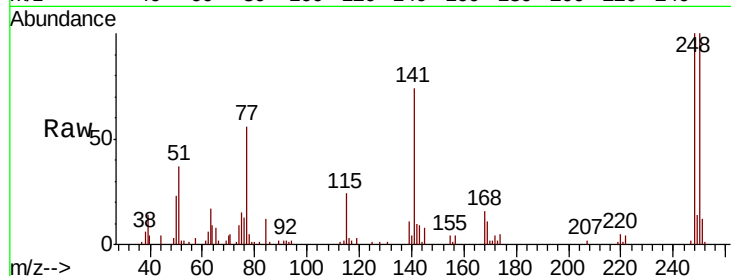
Tgt Ion:248 Resp: 32431

Ion Ratio Lower Upper

248 100

250 100.5 77.0 115.6

141 74.6 55.5 83.3

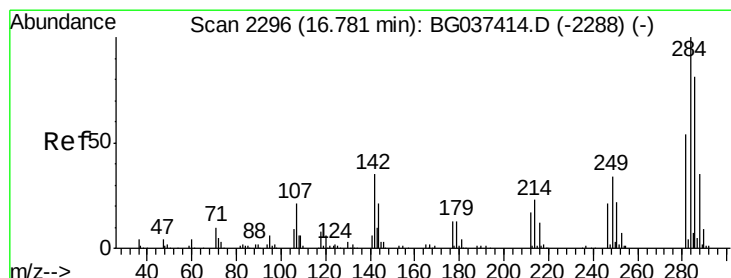
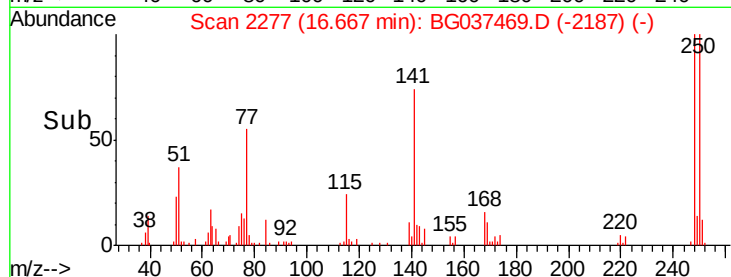
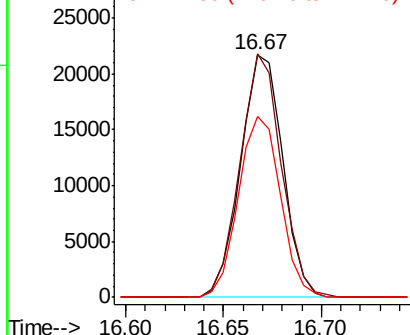


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 7.742 ng

RT: 16.78 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

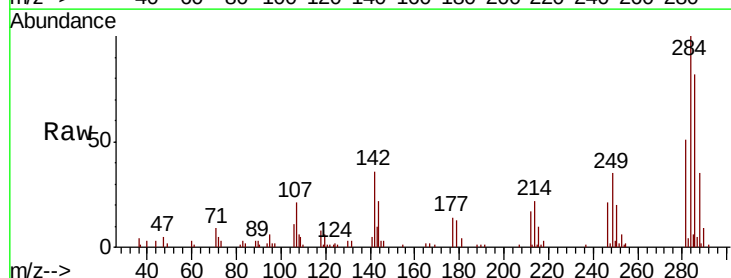
Tgt Ion:284 Resp: 34468

Ion Ratio Lower Upper

284 100

142 35.9 28.1 42.1

249 37.9 29.8 44.8

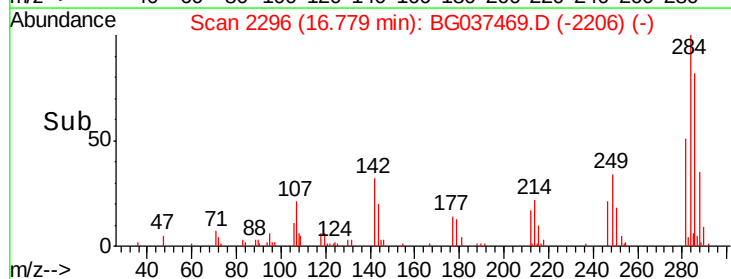
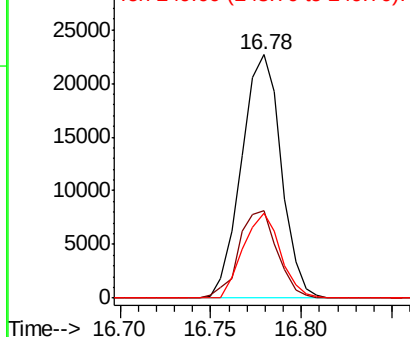


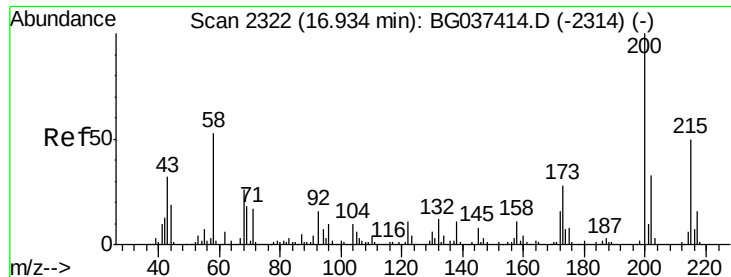
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

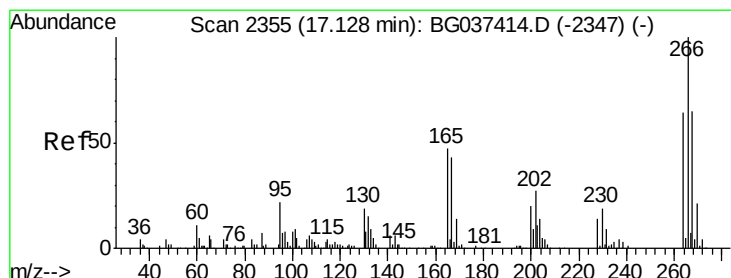
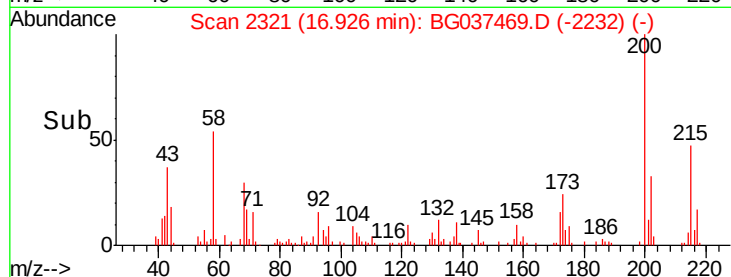
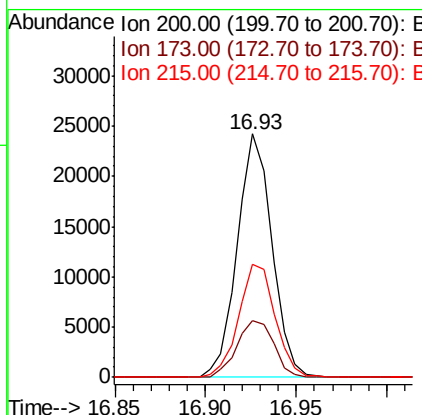
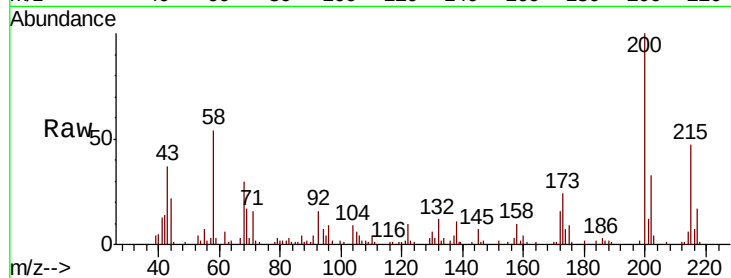




#69
 Atrazine
 Concen: 7.597 ng
 RT: 16.93 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

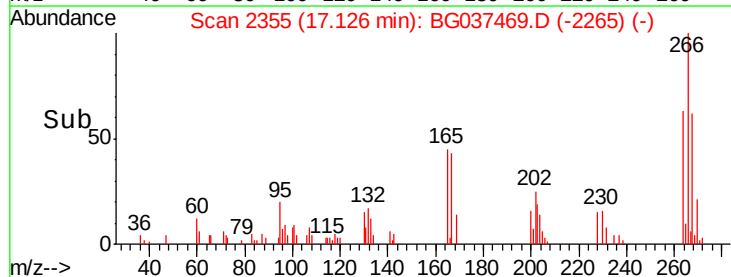
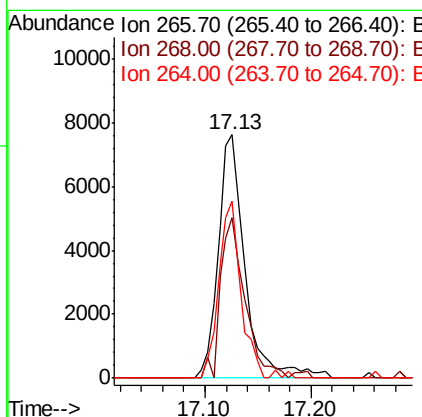
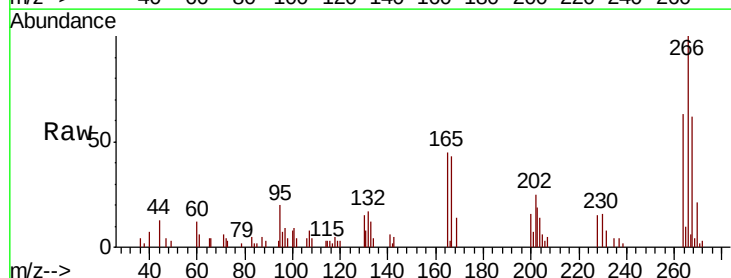
Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

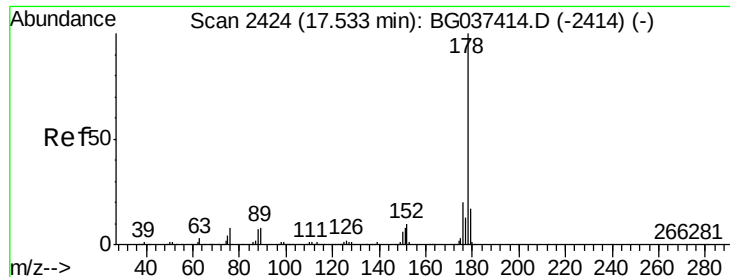
Tgt Ion:200 Resp: 32320
 Ion Ratio Lower Upper
 200 100
 173 23.5 6.1 46.1
 215 46.7 30.8 70.8



#70
 Pentachlorophenol
 Concen: 4.518 ng
 RT: 17.13 min Scan# 2355
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion:266 Resp: 13473
 Ion Ratio Lower Upper
 266 100
 268 66.0 55.0 82.6
 264 72.7 58.9 88.3

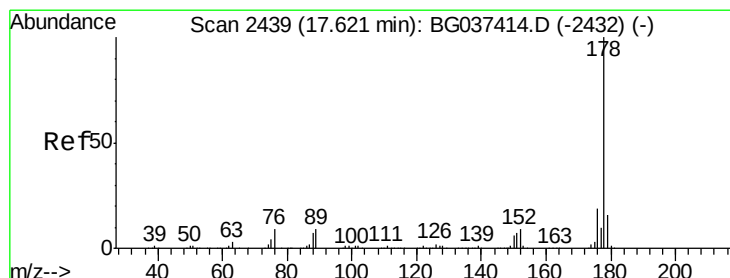
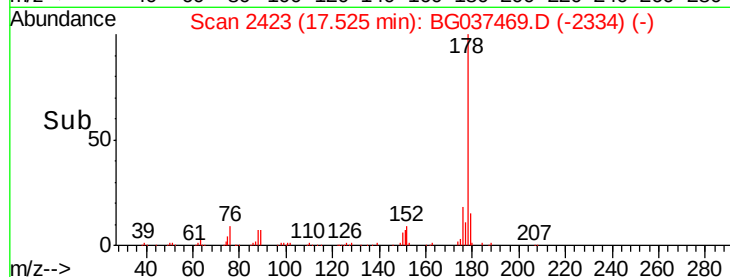
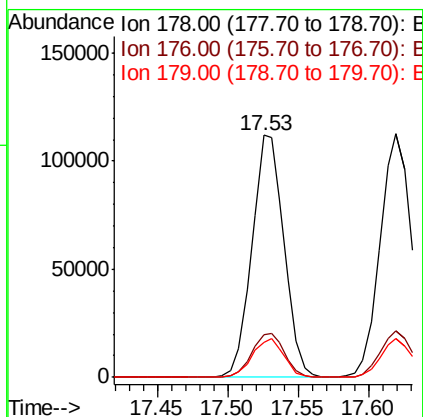
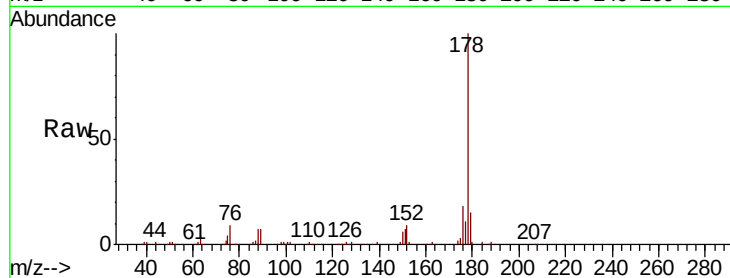




#71
Phenanthrene
Concen: 8.988 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

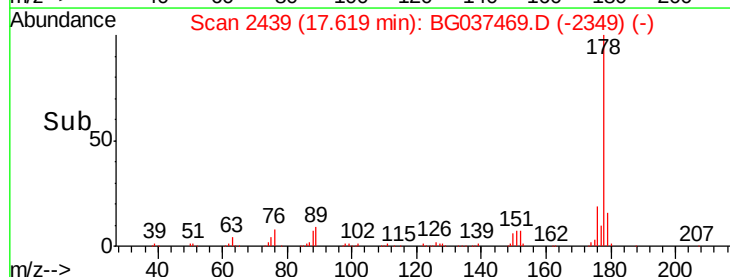
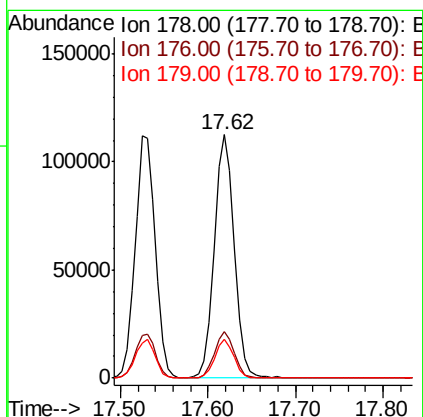
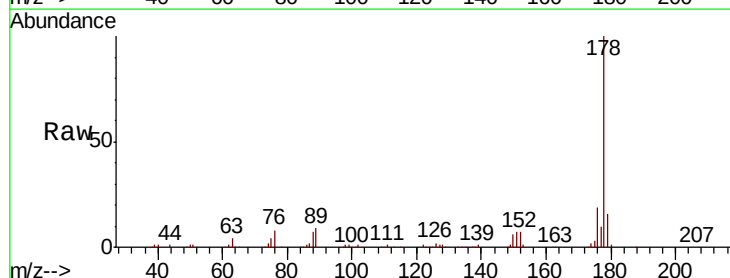
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

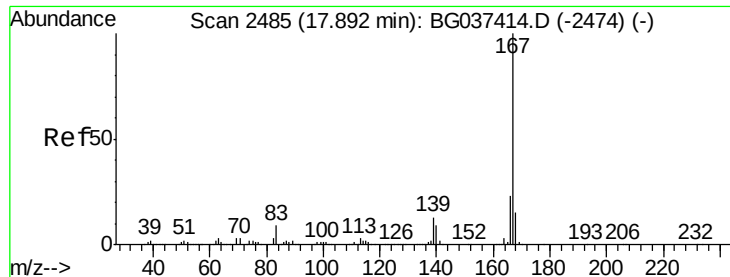
Tgt Ion:178 Resp: 178676
Ion Ratio Lower Upper
178 100
176 17.8 16.1 24.1
179 14.6 13.0 19.4



#72
Anthracene
Concen: 9.121 ng
RT: 17.62 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:178 Resp: 177944
Ion Ratio Lower Upper
178 100
176 19.3 15.0 22.4
179 15.9 12.8 19.2





#73

Carbazole

Concen: 8.117 ng

RT: 17.89 min Scan# 2485

Delta R.T. -0.00 min

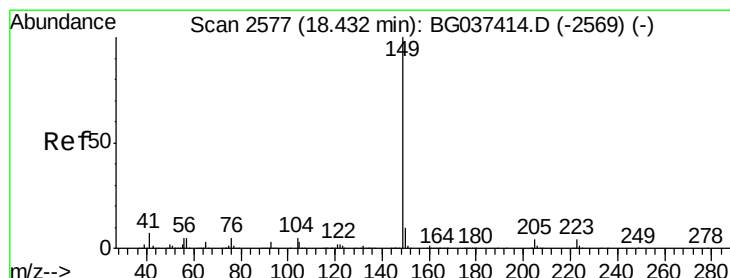
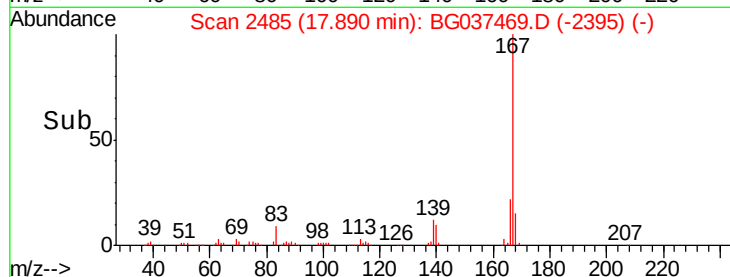
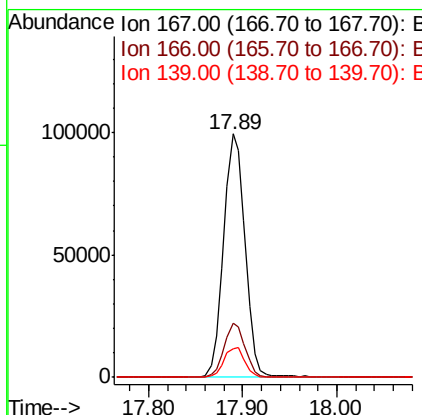
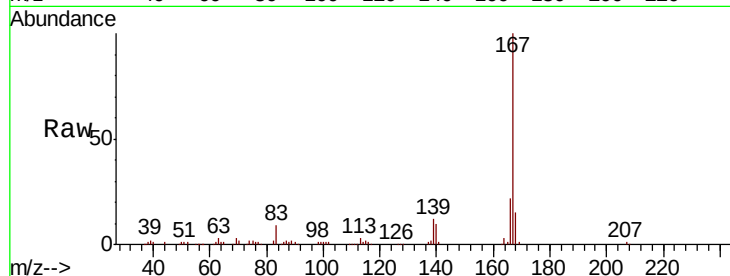
Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:167 Resp: 158395

Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.3	27.5
139	11.6	10.5	15.7



#74

Di-n-butylphthalate

Concen: 8.195 ng

RT: 18.43 min Scan# 2577

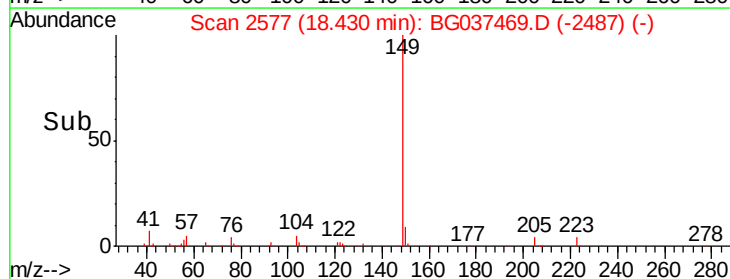
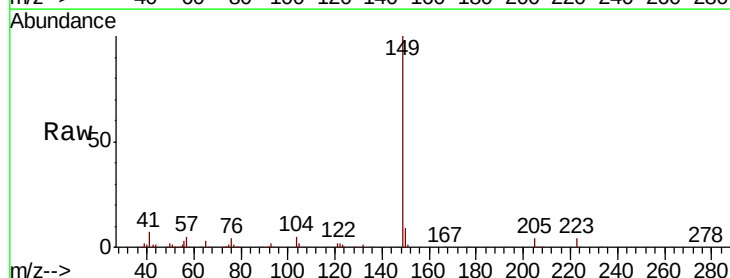
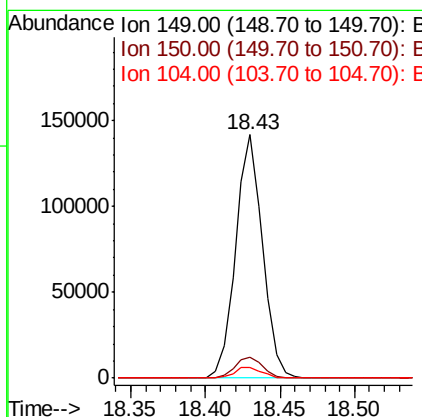
Delta R.T. -0.00 min

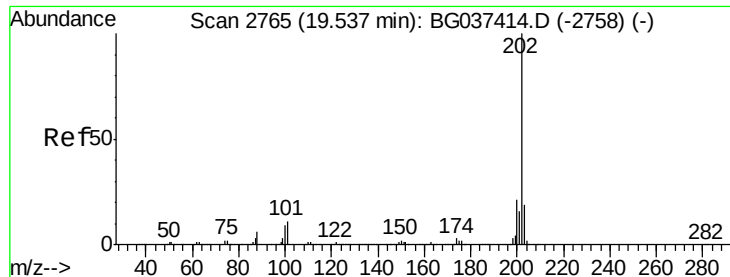
Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Tgt Ion:149 Resp: 177896

Ion	Ratio	Lower	Upper
149	100		
150	8.7	8.2	12.2
104	4.5	4.0	6.0





#75

Fluoranthene

Concen: 9.050 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

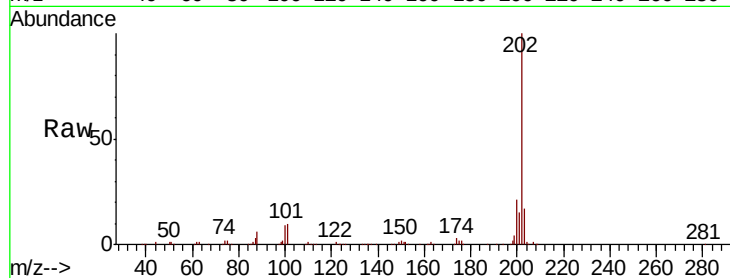
Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

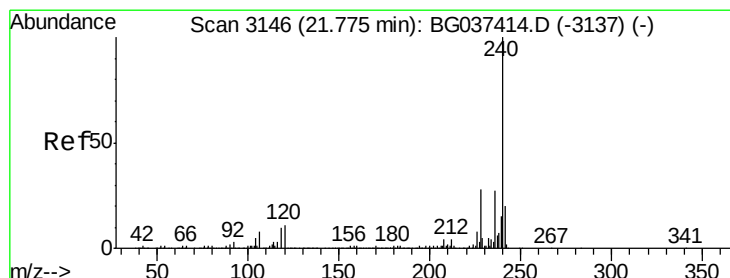
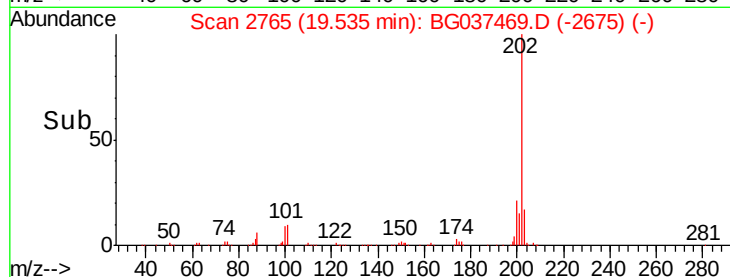
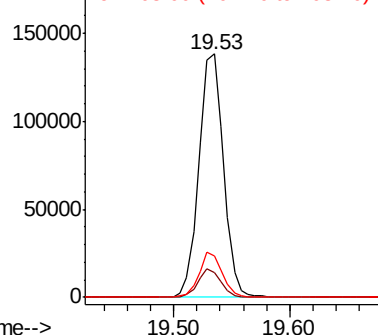
Tgt Ion:	202	Resp:	204063
Ion Ratio	Lower	Upper	
202	100		
101	10.3	0.0	30.7
203	16.9	0.0	38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

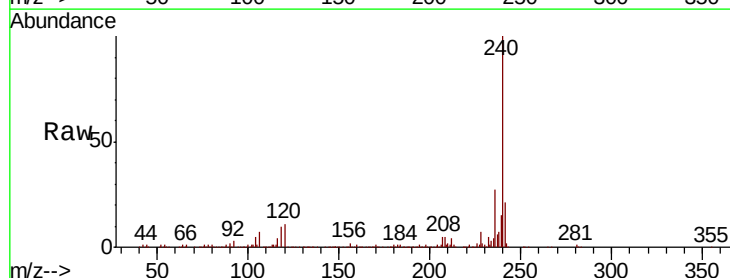
RT: 21.77 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

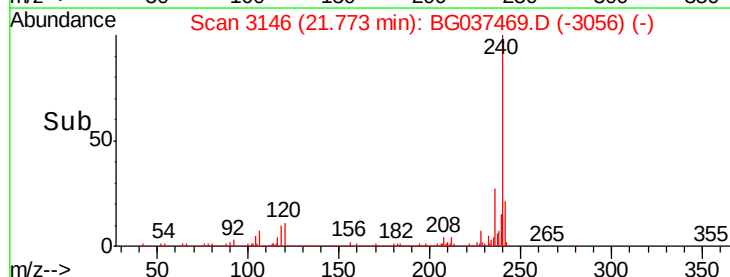
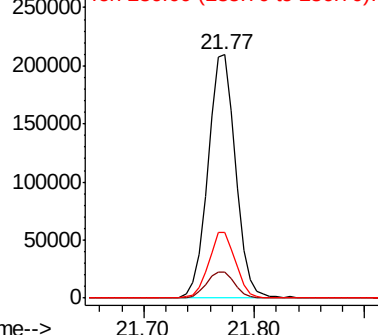
Tgt Ion:	240	Resp:	368299
Ion Ratio	Lower	Upper	
240	100		
120	10.8	8.1	12.1
236	26.8	21.4	32.0

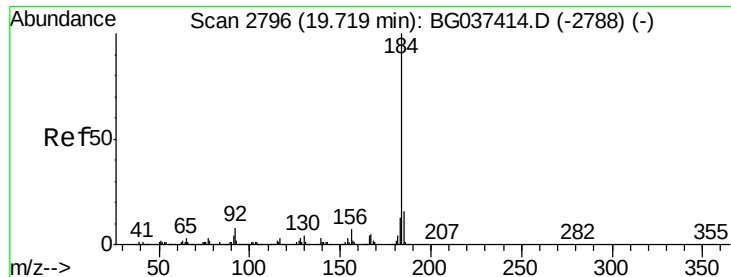


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

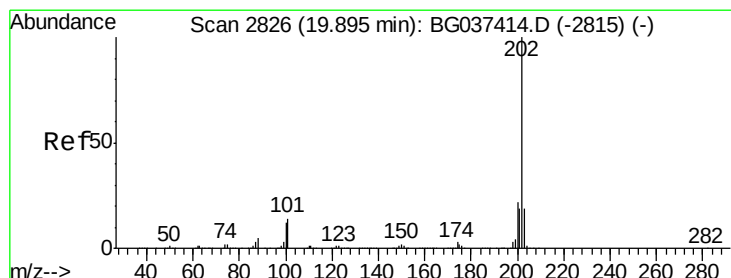
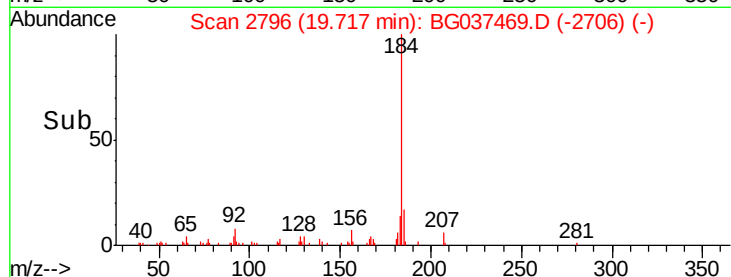
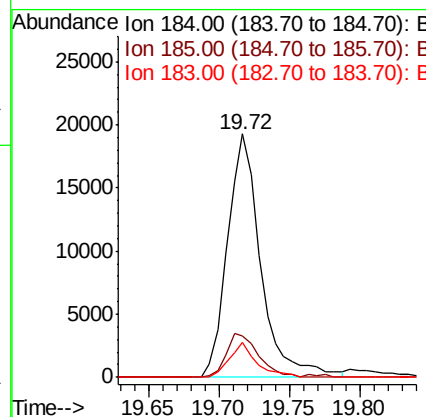
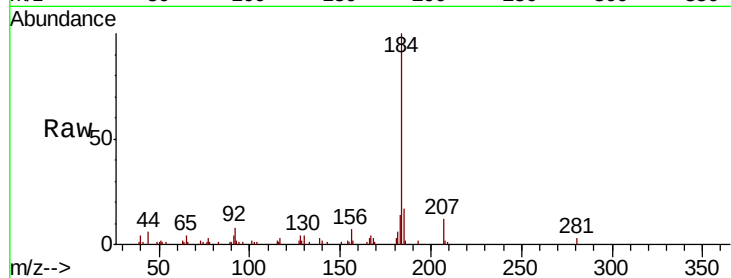




#77
Benzidine
Concen: 2.526 ng
RT: 19.72 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

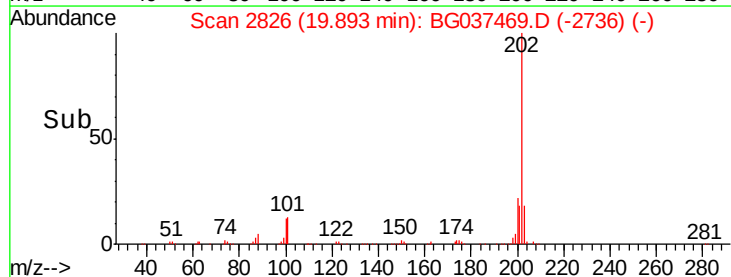
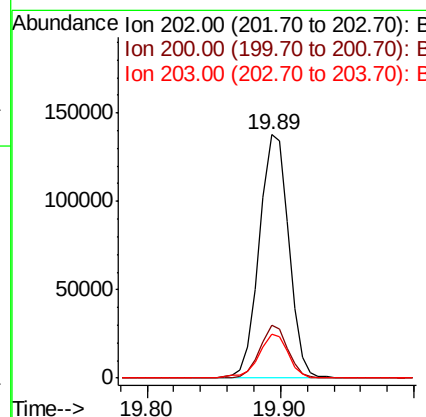
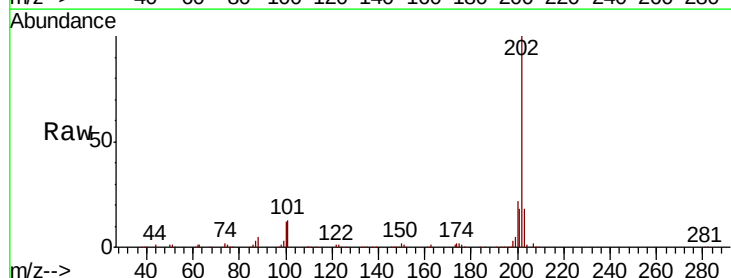
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

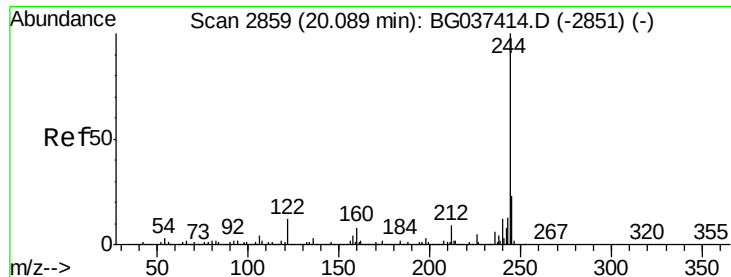
Tgt Ion:184 Resp: 31635
Ion Ratio Lower Upper
184 100
185 17.2 12.6 18.8
183 14.4 10.2 15.2



#78
Pyrene
Concen: 8.723 ng
RT: 19.89 min Scan# 2826
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion:202 Resp: 210027
Ion Ratio Lower Upper
202 100
200 21.8 17.8 26.6
203 18.2 15.2 22.8





#79

Terphenyl-d14

Concen: 77.901 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

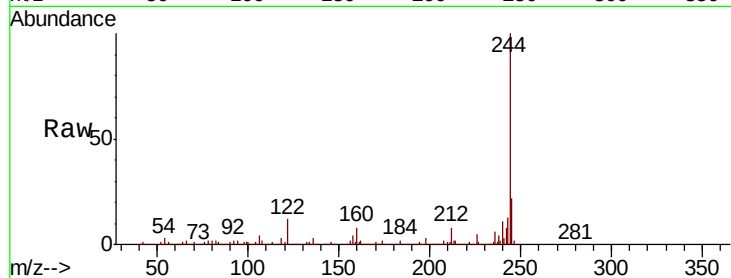
Tgt Ion:244 Resp: 1342730

Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

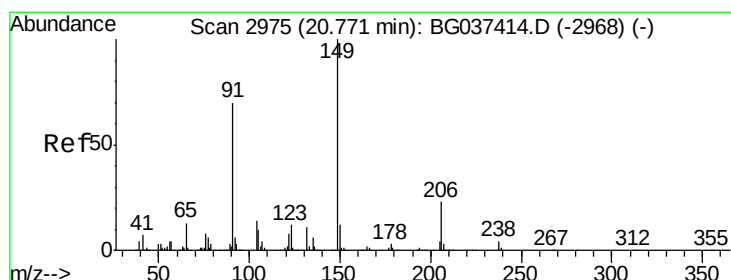
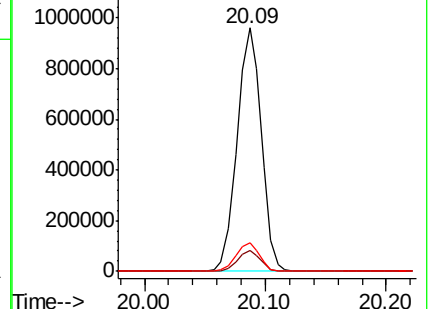
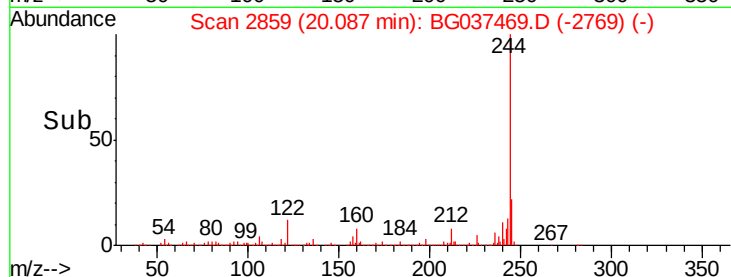
122 12.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.413 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

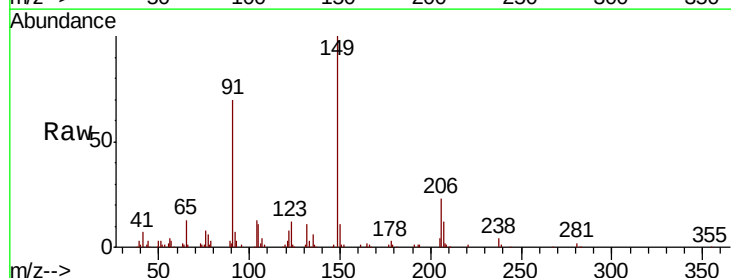
Tgt Ion:149 Resp: 73047

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

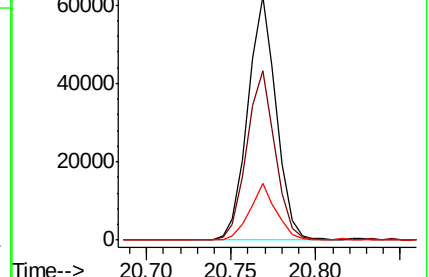
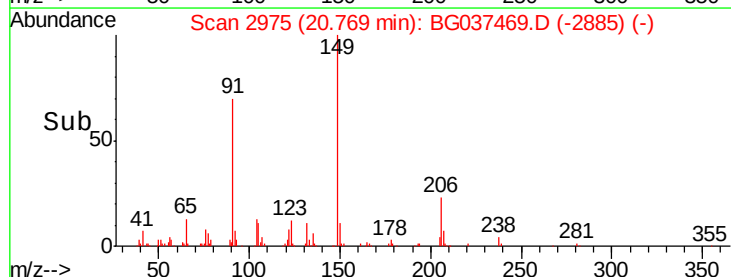
206 23.4 17.8 26.6

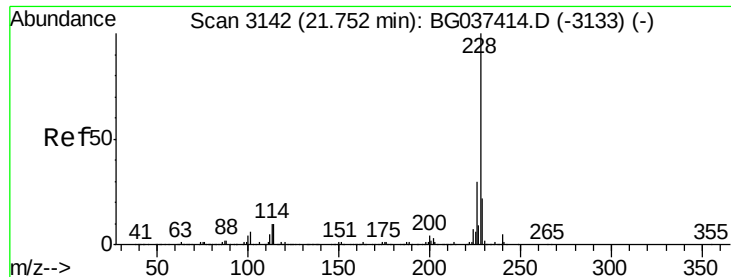


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

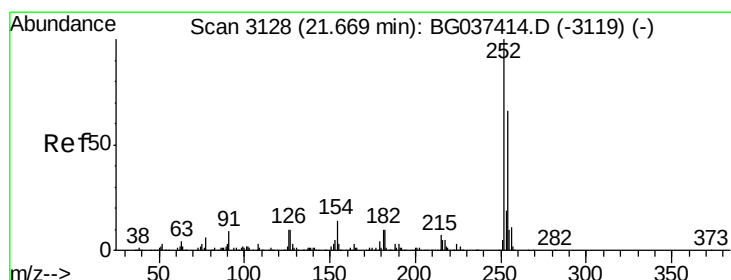
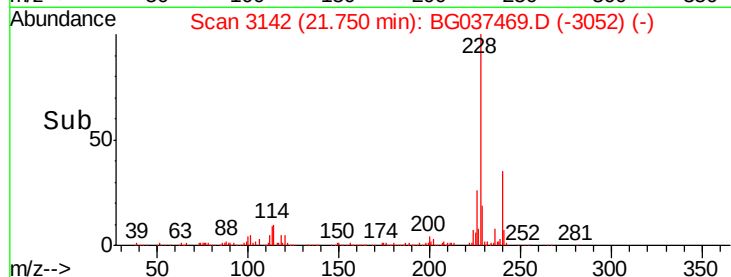
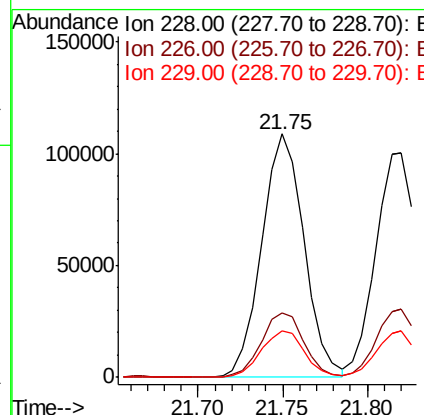
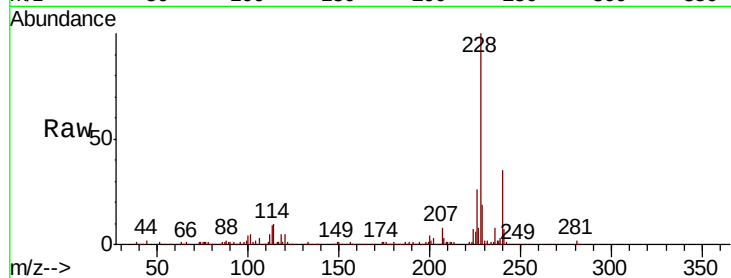




#81
Benzo(a)anthracene
Concen: 8.701 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

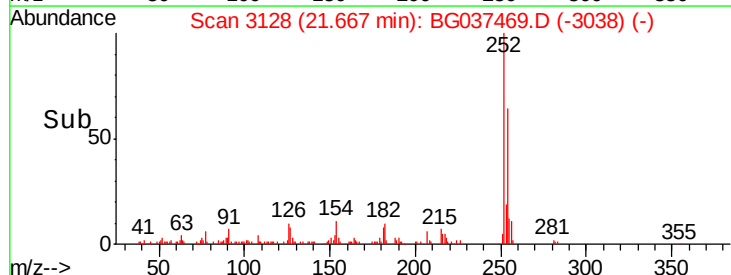
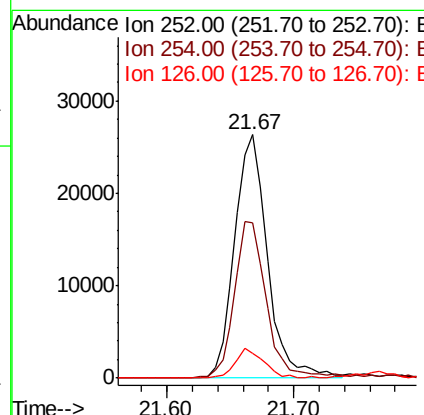
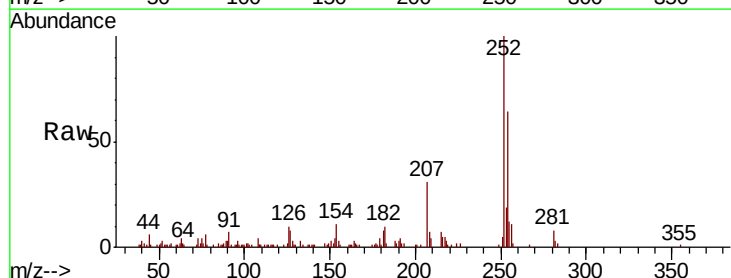
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

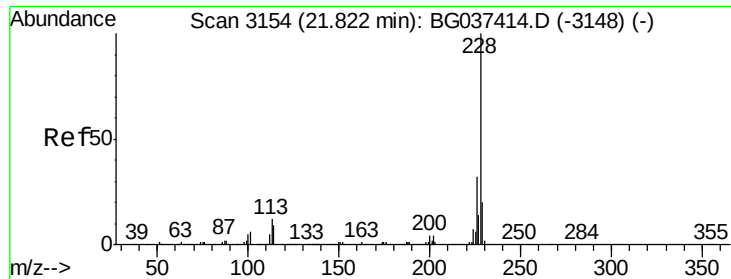
Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.6	33.8
229	19.3	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 5.591 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.0	78.0
126	10.4	8.2	12.4



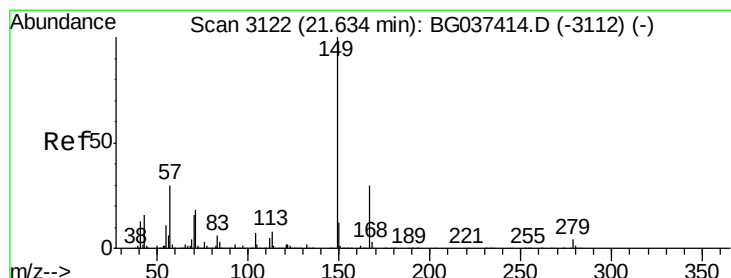
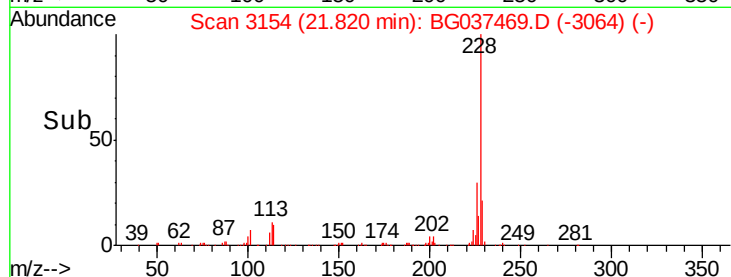
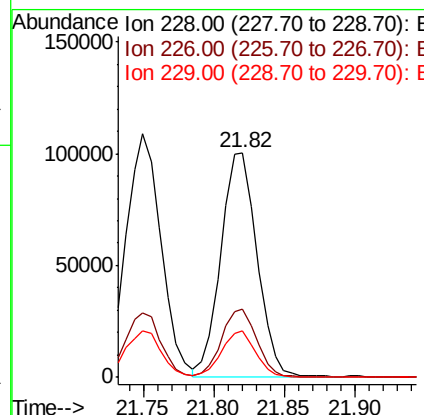
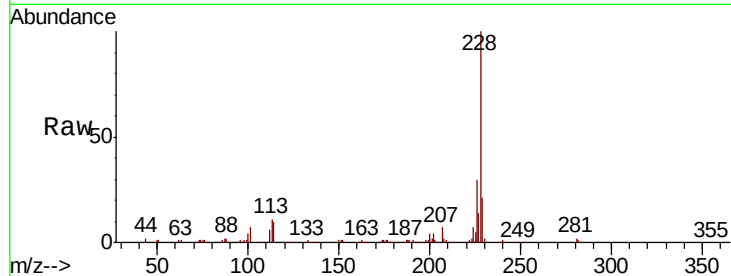


#83
Chrysene
 Concen: 8.498 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Instrument :
 BNA_G
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 228 Resp: 178014

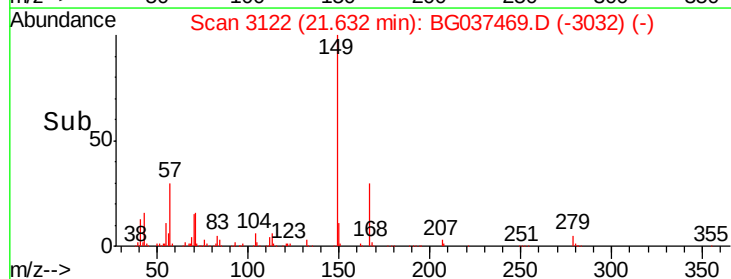
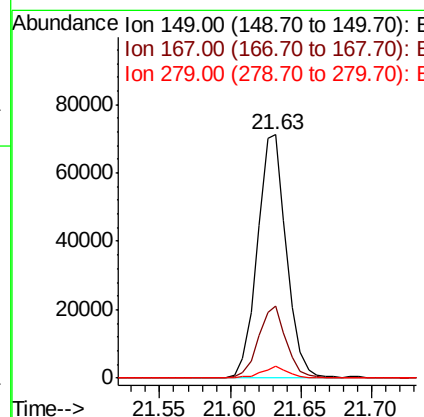
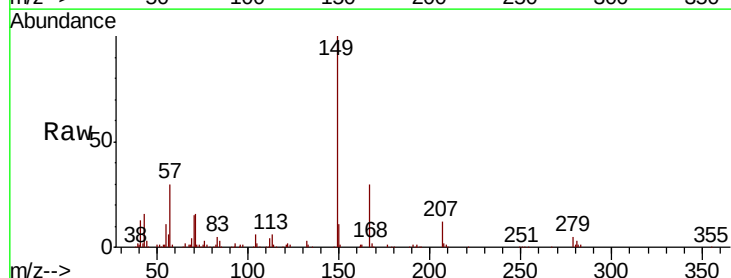
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.7	38.5
229	20.6	16.5	24.7

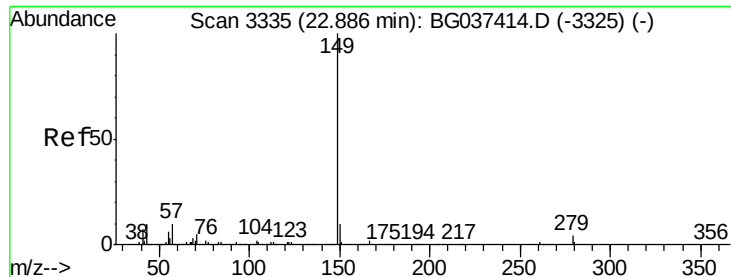


#84
Bis(2-ethylhexyl)phthalate
 Concen: 7.448 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.00 min
 Lab File: BG037469.D
 Acq: 20 Oct 2018 3:01

Tgt Ion: 149 Resp: 102870

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.0	34.4
279	4.7	3.6	5.4

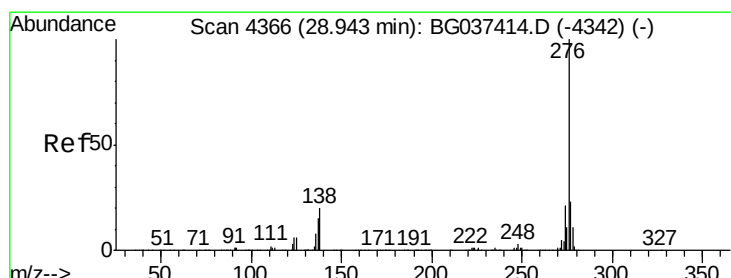
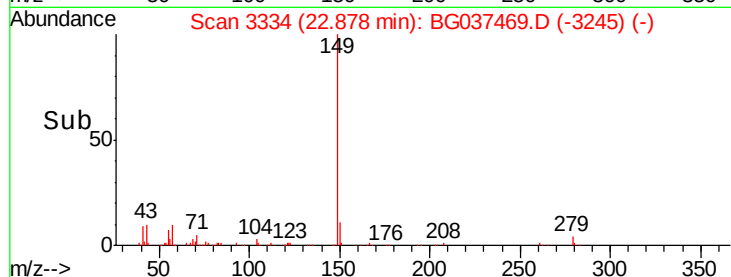
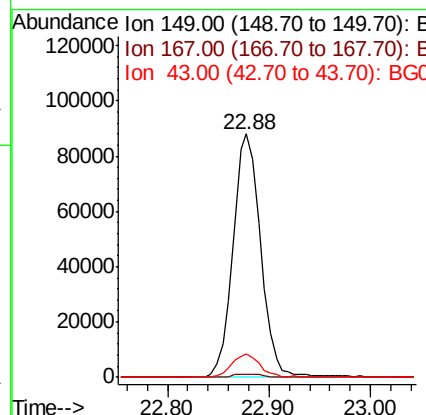
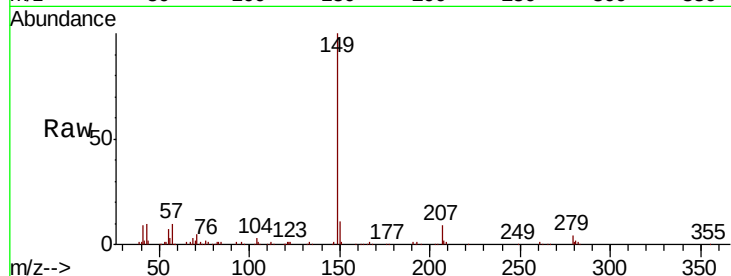




#85
Di-n-octyl phthalate
Concen: 7.379 ng
RT: 22.88 min Scan# 3334
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

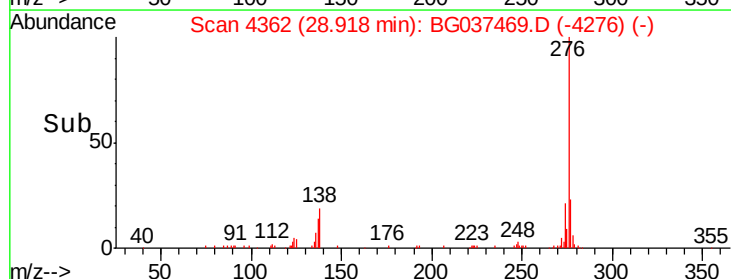
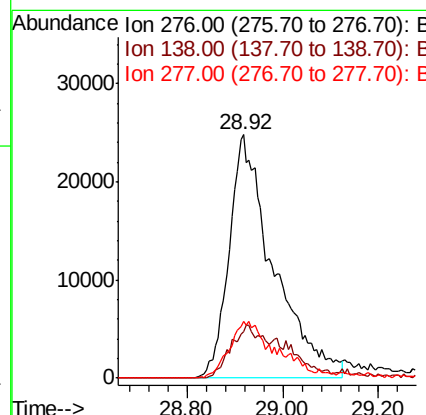
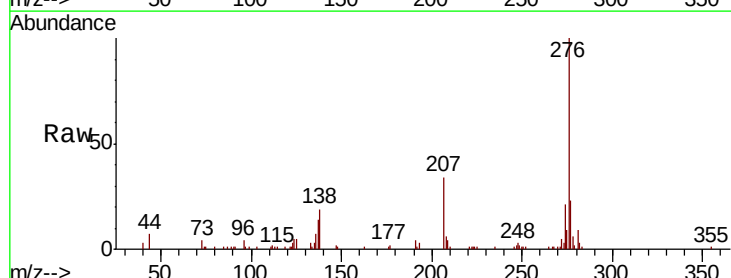
Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

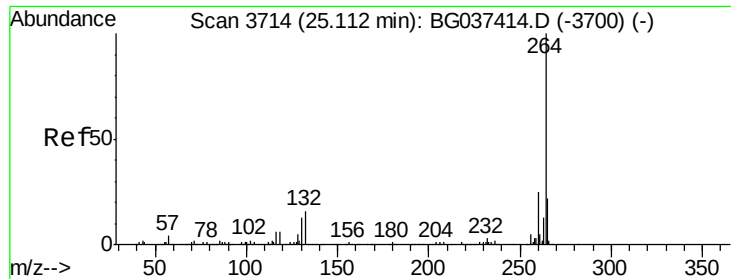
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.9	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.072 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.0	18.0
277	20.6	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

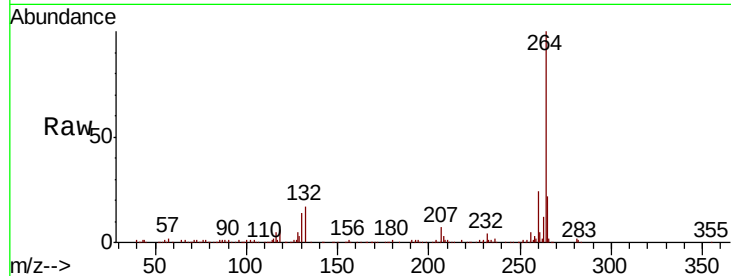
Tgt Ion:264 Resp: 366574

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.4 17.9 26.9

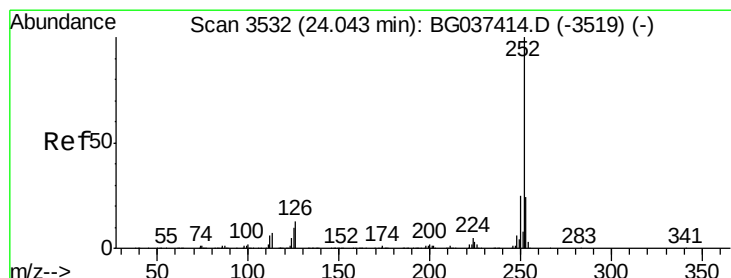
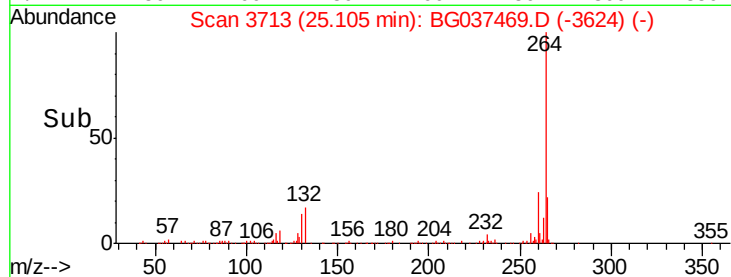
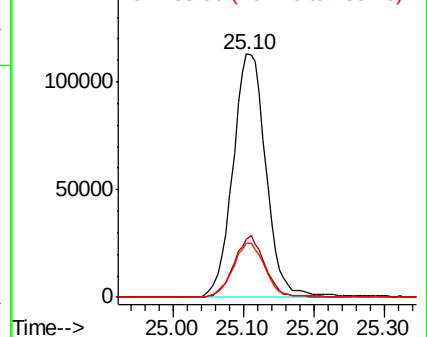


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 8.538 ng

RT: 24.04 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

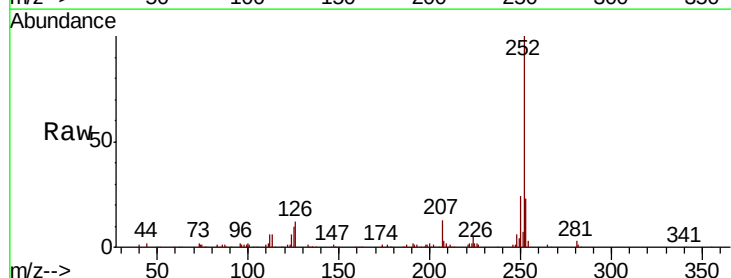
Tgt Ion:252 Resp: 171591

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

125 9.5 7.8 11.6

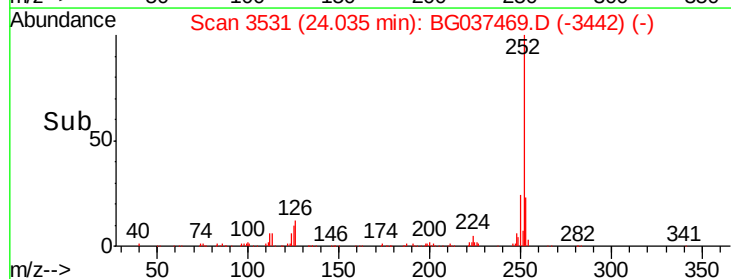
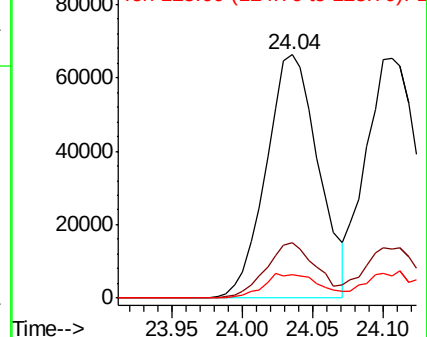


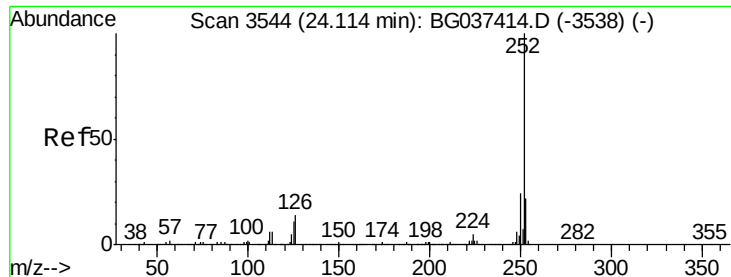
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 8.790 ng

RT: 24.11 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

Instrument :

BNA_G

ClientSampleId :

MDL-WATER-03-QT4-2018

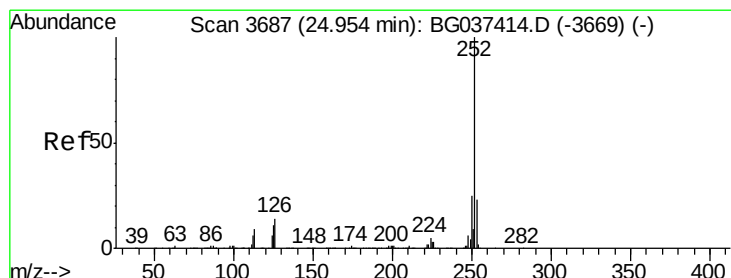
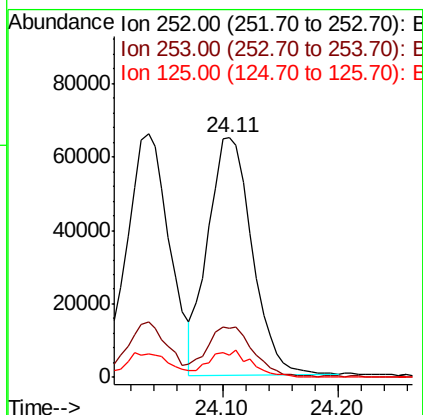
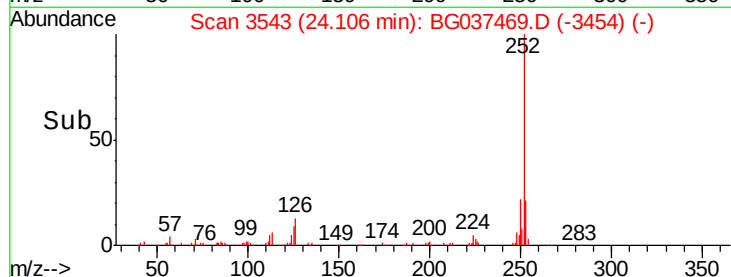
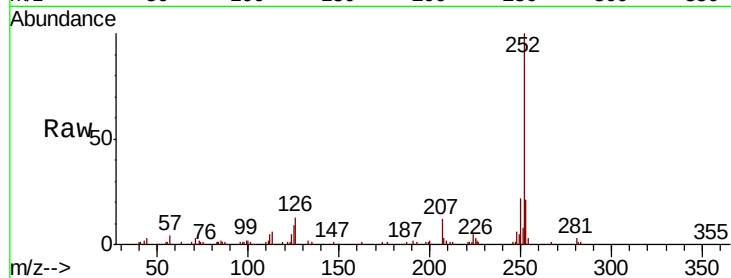
Tgt Ion:252 Resp: 173074

Ion Ratio Lower Upper

252 100

253 20.7 17.4 26.2

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 8.478 ng

RT: 24.95 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG037469.D

Acq: 20 Oct 2018 3:01

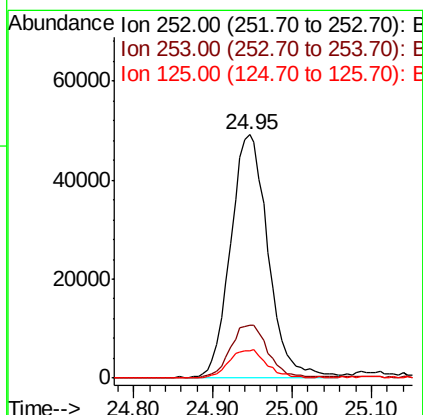
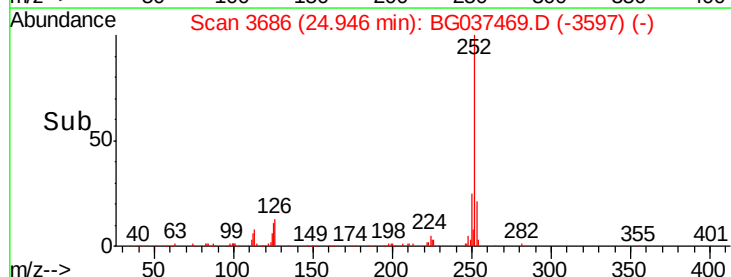
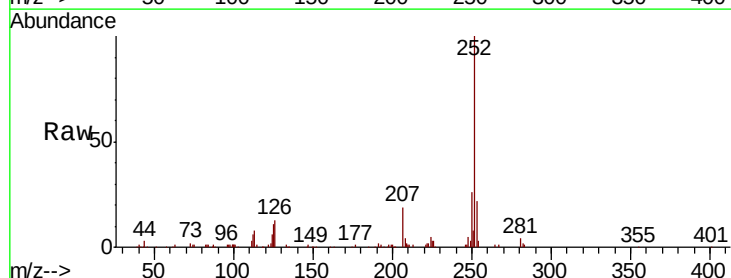
Tgt Ion:252 Resp: 161907

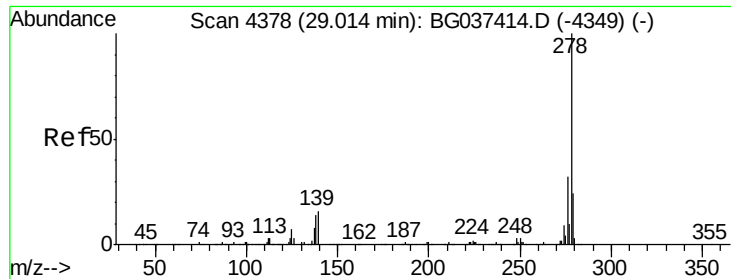
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

125 11.4 9.0 13.6

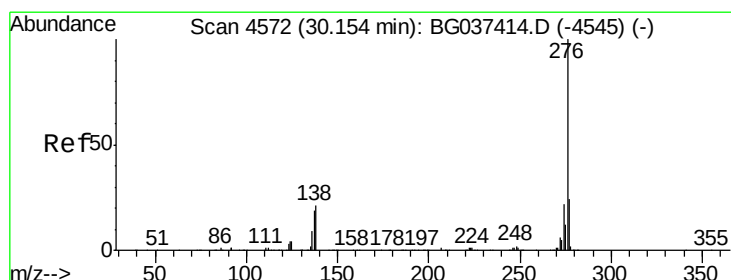
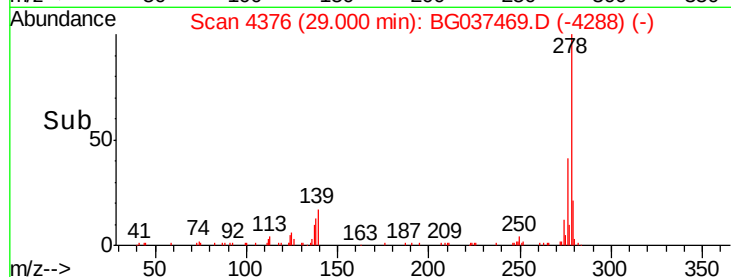
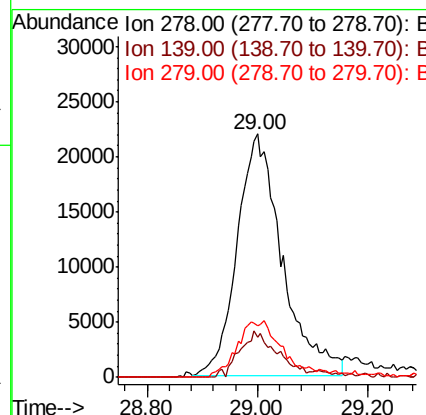
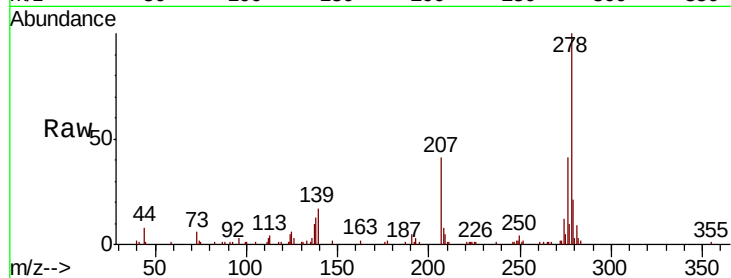




#91
Dibenzo(a,h)anthracene
Concen: 7.030 ng
RT: 29.00 min Scan# 4376
Delta R.T. -0.01 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	11.5	17.3
279	21.2	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 7.822 ng
RT: 30.12 min Scan# 4567
Delta R.T. -0.03 min
Lab File: BG037469.D
Acq: 20 Oct 2018 3:01

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.9	28.3
138	21.2	17.2	25.8

