Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019174.D
Acq On : 13 Oct 2015 1:32
Operator : UM/NP
Sample : G3707-05
Misc : LOD 1 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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10/13/2015 1:26:50 PM

Quant Time: Oct 13 05:03:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17118	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	78670	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	55583	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	148947	20.00	ng		0.00
75) Chrysene-d12	21.68	240	176051	20.00	ng		0.00
86) Perylene-d12	24.91	264	171682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	117140	139.33	ng		0.00
7) Phenol-d6	7.20	99	178993	138.59	ng		0.00
23) Nitrobenzene-d5	9.19	82	122050	85.72	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	102203	134.93	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	302104	83.57	ng		0.00
78) Terphenyl-d14	20.02	244	558179	83.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	153	0.43	ng	#	1
4) n-Nitrosodimethylamine	3.83	42	486	0.79	ng	#	62
6) Aniline	7.36	93	987	0.56	ng		98
8) 2-Chlorophenol	7.61	128	989	0.94	ng		84
9) Benzaldehyde	7.17	77	770	0.95	ng	#	75
10) Phenol	7.23	94	1304	0.97	ng		82
11) bis(2-Chloroethyl)ether	7.45	93	764	0.75	ng		87
12) 1,3-Dichlorobenzene	7.92	146	889	0.77	ng	#	73
13) 1,4-Dichlorobenzene	8.06	146	790	0.67	ng		92
14) 1,2-Dichlorobenzene	8.39	146	955	0.84	ng	#	86
15) Benzyl Alcohol	8.27	79	776	0.67	ng	#	82
17) 2-Methylphenol	8.47	107	775	0.81	ng	#	84
18) Hexachloroethane	9.11	117	223	0.50	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	605	0.59	ng	#	84
20) 3+4-Methylphenols	8.80	107	985	0.71	ng	#	74
22) Acetophenone	8.86	105	1270	0.69	ng	#	91
24) Nitrobenzene	9.23	77	1230	0.81	ng	#	73
25) Isophorone	9.75	82	2059	0.71	ng	#	83
27) 2,4-Dimethylphenol	10.01	122	680	0.60	ng		90
28) bis(2-Chloroethoxy)methane	10.24	93	1134	0.73	ng	#	72
29) 2,4-Dichlorophenol	10.49	162	843	0.71	ng		92
30) 1,2,4-Trichlorobenzene	10.70	180	1064	0.84	ng	#	92
31) Naphthalene	10.89	128	3264	0.86	ng		98
33) 4-Chloroaniline	11.00	127	1005	0.57	ng	#	87
34) Hexachlorobutadiene	11.18	225	710	0.82	ng		92
36) 4-Chloro-3-methylphenol	12.11	107	1194	0.80	ng	#	84
37) 2-Methylnaphthalene	12.49	142	2339	0.80	ng	#	74
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	1370	0.86	ng	#	72
42) 2,4,6-Trichlorophenol	13.09	196	652	0.59	ng	#	70
43) 2,4,5-Trichlorophenol	13.18	196	742	0.63	ng	#	78
45) 1,1'-Biphenyl	13.49	154	3309	0.82	ng		97
46) 2-Chloronaphthalene	13.53	162	2853	0.92	ng	#	91
47) 2-Nitroaniline	13.74	65	789	0.63	ng	#	88
48) Acenaphthylene	14.38	152	4504	0.82	ng		96

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019174.D
Acq On : 13 Oct 2015 1:32
Operator : UM/NP
Sample : G3707-05
Misc : LOD 1 PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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10/13/2015 1:26:50 PM

Quant Time: Oct 13 05:03:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Dimethylphthalate	14.11	163	3514	0.80	ng	#	94
50) 2,6-Dinitrotoluene	14.23	165	580	0.62	ng	#	61
51) Acenaphthene	14.72	154	2503	0.76	ng		94
52) 3-Nitroaniline	14.56	138	528	0.51	ng	#	93
54) Dibenzofuran	15.06	168	4345	0.89	ng		89
56) 2,4-Dinitrotoluene	15.01	165	709	0.52	ng	#	96
57) Fluorene	15.71	166	3624	0.86	ng	#	84
58) 2,3,4,6-Tetrachlorophenol	15.29	232	571	0.51	ng	#	46
59) Diethylphthalate	15.47	149	3603	0.79	ng	#	92
60) 4-Chlorophenyl-phenylether	15.70	204	1954	0.91	ng		94
61) 4-Nitroaniline	15.71	138	454	0.40	ng	#	72
62) Azobenzene	15.99	77	3586	0.85	ng		95
65) n-Nitrosodiphenylamine	15.91	169	3077	0.75	ng		87
66) 4-Bromophenyl-phenylether	16.59	248	1126	0.74	ng		93
67) Hexachlorobenzene	16.71	284	1449	0.82	ng		95
68) Atrazine	16.85	200	1070	0.63	ng		83
70) Phenanthrene	17.45	178	6566	0.86	ng		94
71) Anthracene	17.54	178	6050	0.79	ng		99
72) Carbazole	17.81	167	5338	0.74	ng	#	91
73) Di-n-butylphthalate	18.36	149	6049	0.69	ng	#	96
74) Fluoranthene	19.45	202	7814	0.79	ng		93
77) Pyrene	19.82	202	7806	0.79	ng	#	94
79) Butylbenzylphthalate	20.71	149	2394	0.60	ng	#	89
80) Benzo(a)anthracene	21.66	228	8115	0.86	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	1944	0.56	ng	#	85
82) Chrysene	21.72	228	7214	0.81	ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	3651	0.65	ng	#	93
84) Di-n-octyl phthalate	22.79	149	6199	0.64	ng	#	98
85) Indeno(1,2,3-cd)pyrene	28.60	276	7019m	0.64	ng		
87) Benzo(b)fluoranthene	23.88	252	7298	0.79	ng		98
88) Benzo(k)fluoranthene	23.95	252	7203m	0.79	ng		
89) Benzo(a)pyrene	24.75	252	6373	0.73	ng	#	78
90) Dibenzo(a,h)anthracene	28.66	278	6417m	0.69	ng		
91) Benzo(g,h,i)perylene	29.72	276	5193	0.60	ng		93

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
Data File : BG019174.D
Acq On : 13 Oct 2015 1:32
Operator : UM/NP
Sample : G3707-05
Misc : LOD 1 PPM
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 13 05:03:30 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 13 03:45:00 2015
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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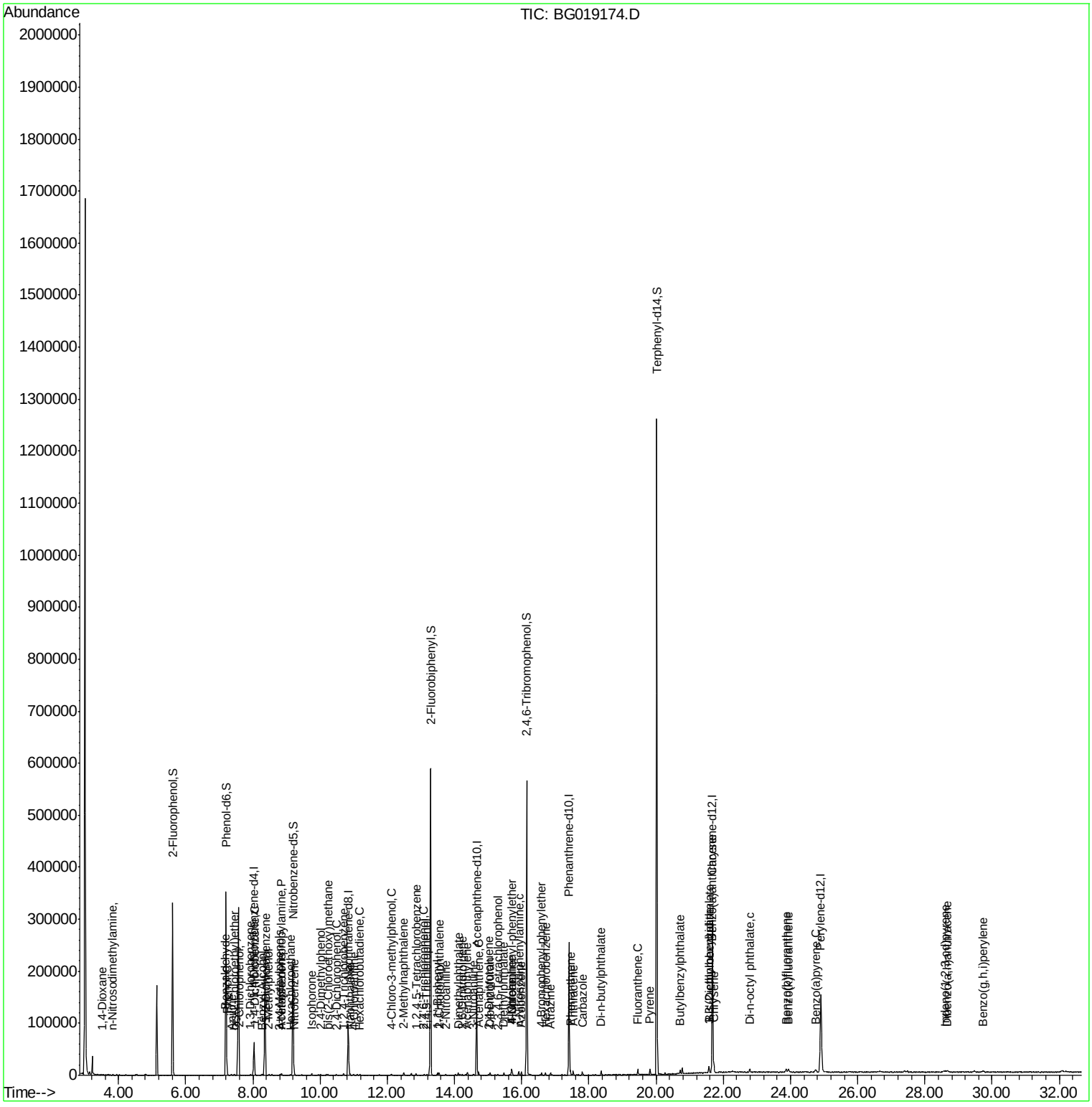
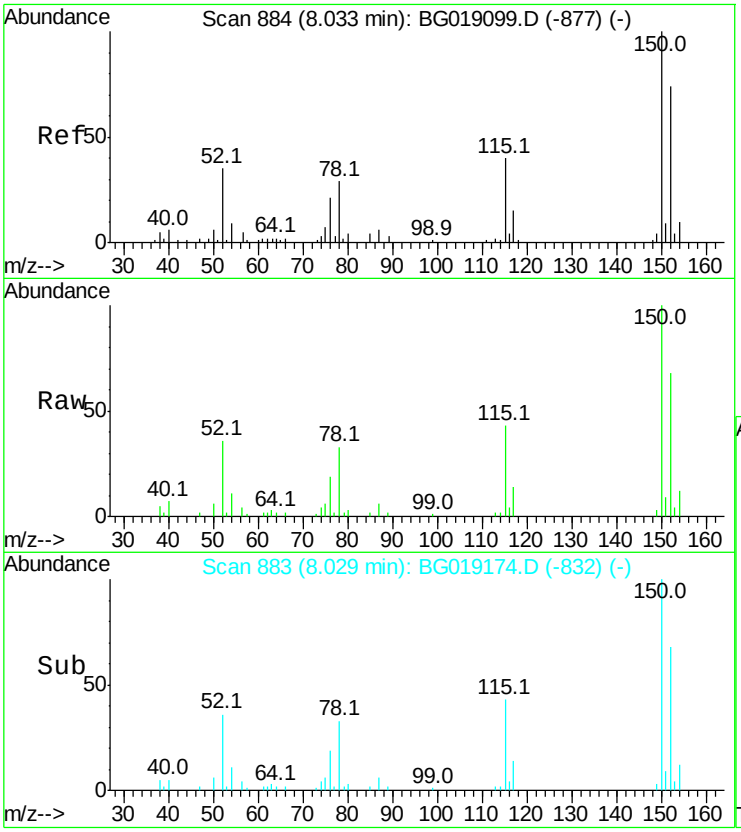
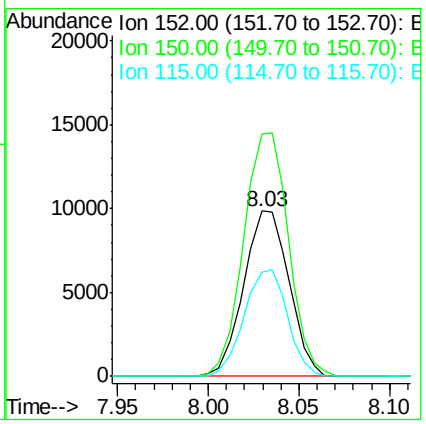




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:152 Resp: 17118

Ion	Ratio	Lower	Upper
152	100		
150	147.1	108.2	162.2
115	63.3	43.2	64.8



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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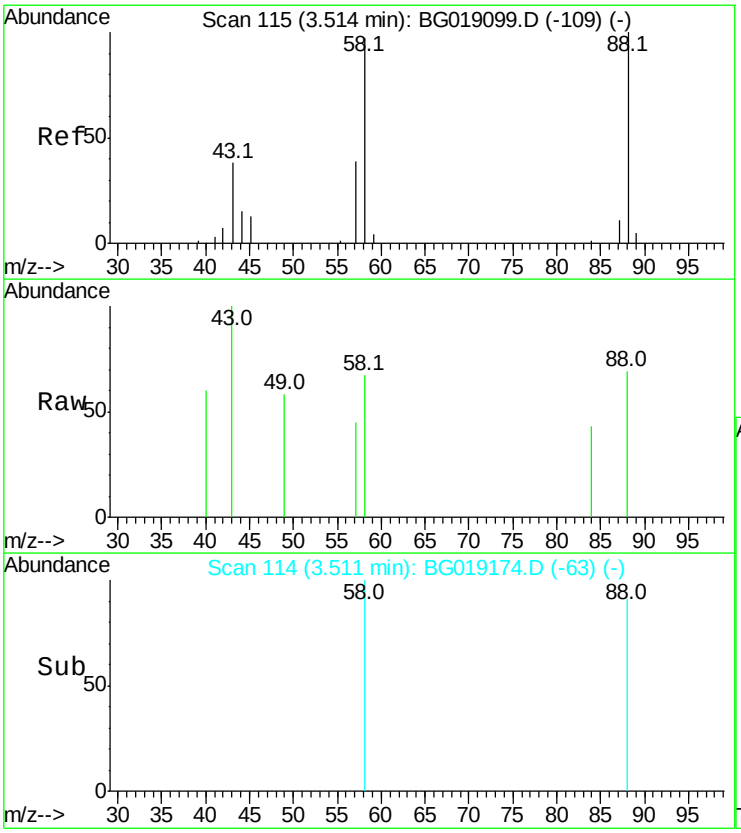
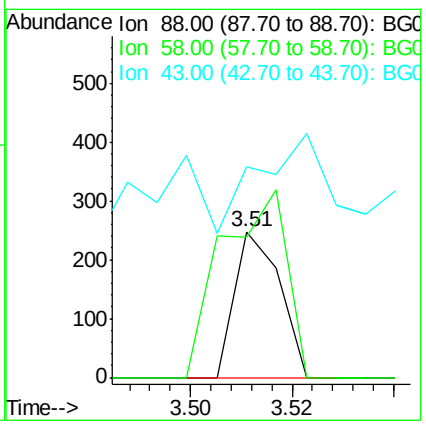
10/13/2015 1:26:50 PM

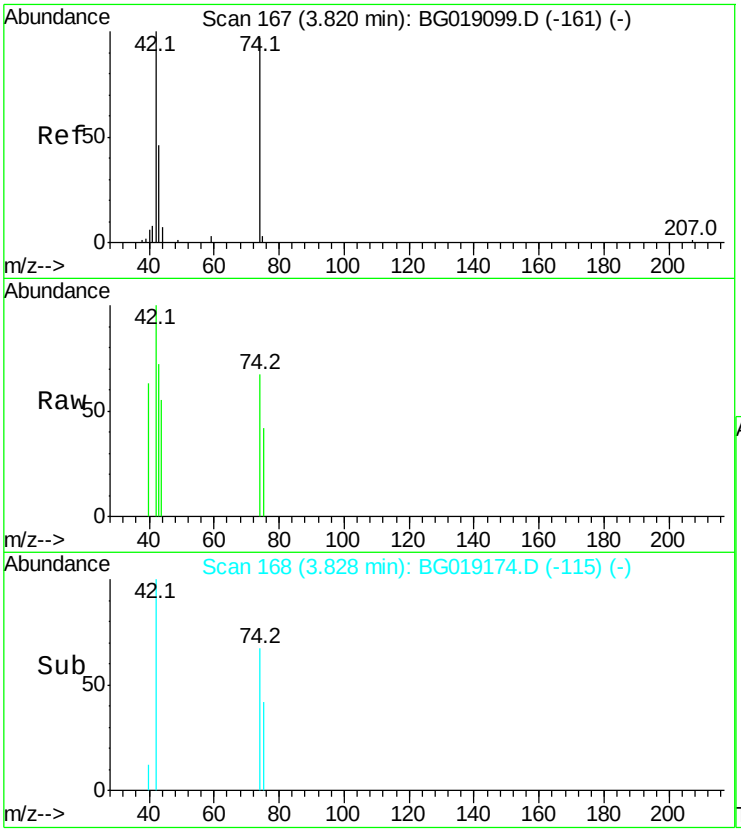


#2
1,4-Dioxane
Concen: 0.43 ng
RT: 3.51 min Scan# 114
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 88 Resp: 153

Ion	Ratio	Lower	Upper
88	100		
58	183.7	81.1	121.7#
43	164.7	31.0	46.6#

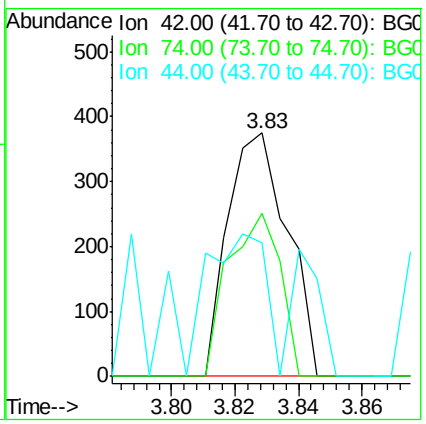




#4
n-Nitrosodimethylamine
Concen: 0.79 ng
RT: 3.83 min Scan# 168
Delta R.T. 0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 42 Resp: 486

Ion	Ratio	Lower	Upper
42	100		
74	66.9	77.3	115.9#
44	54.7	7.2	10.8#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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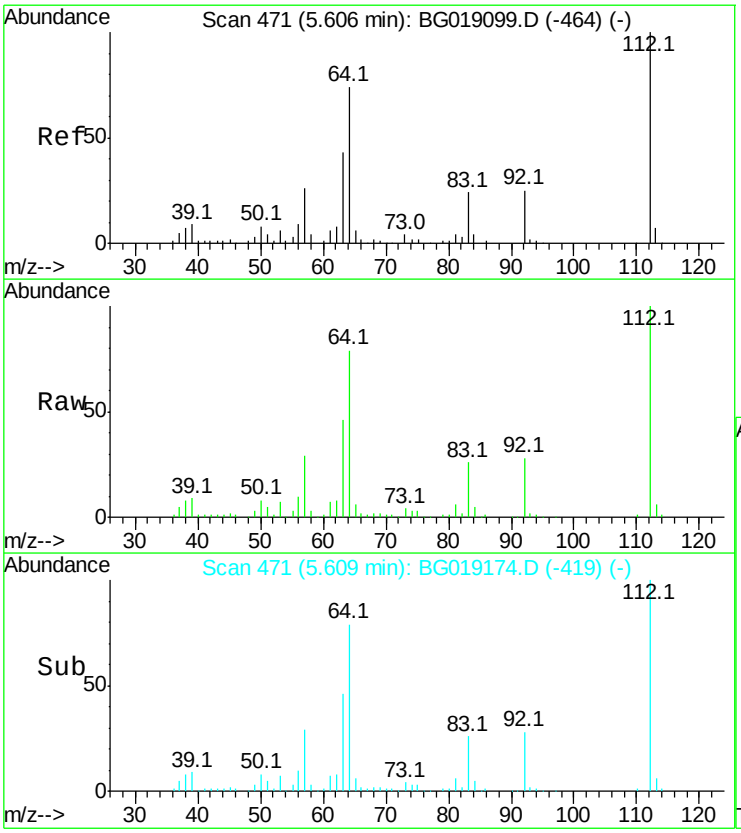
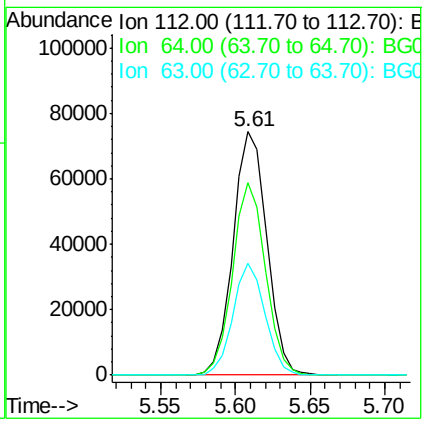
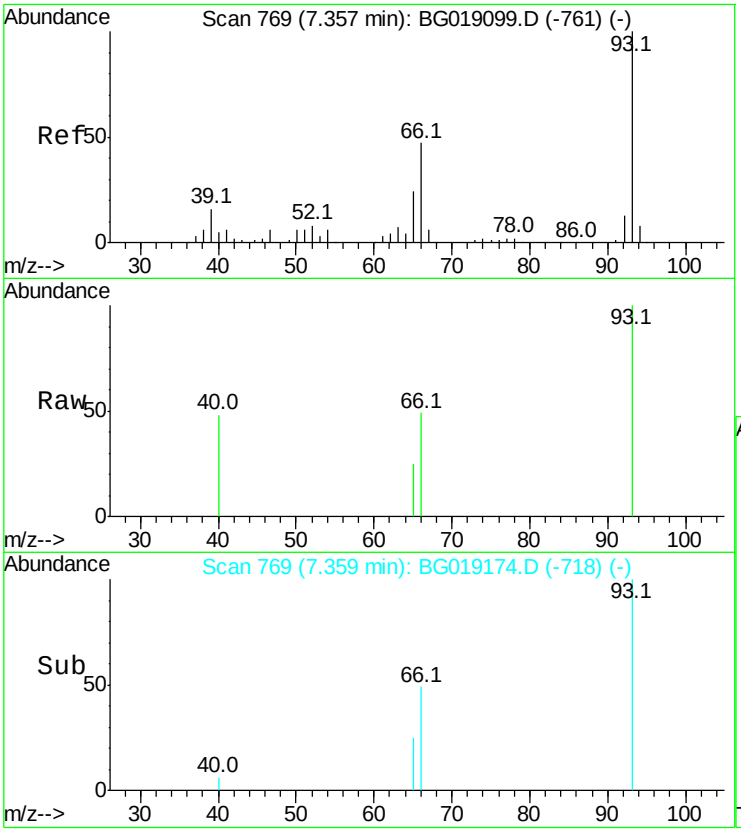


#5
2-Fluorophenol
Concen: 139.33 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:112 Resp: 117140

Ion	Ratio	Lower	Upper
112	100		
64	79.3	59.0	88.4
63	45.8	34.7	52.1

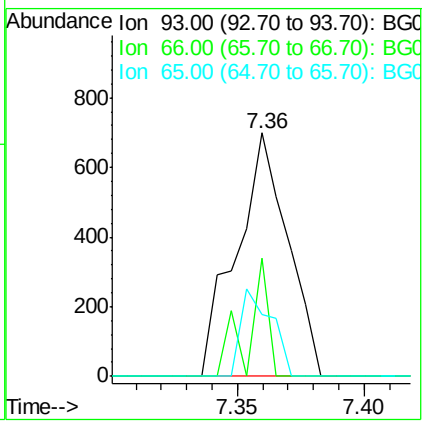




#6
Aniline
Concen: 0.56 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 93 Resp: 987

Ion	Ratio	Lower	Upper
93	100		
66	48.6	37.4	56.2
65	25.5	19.6	29.4



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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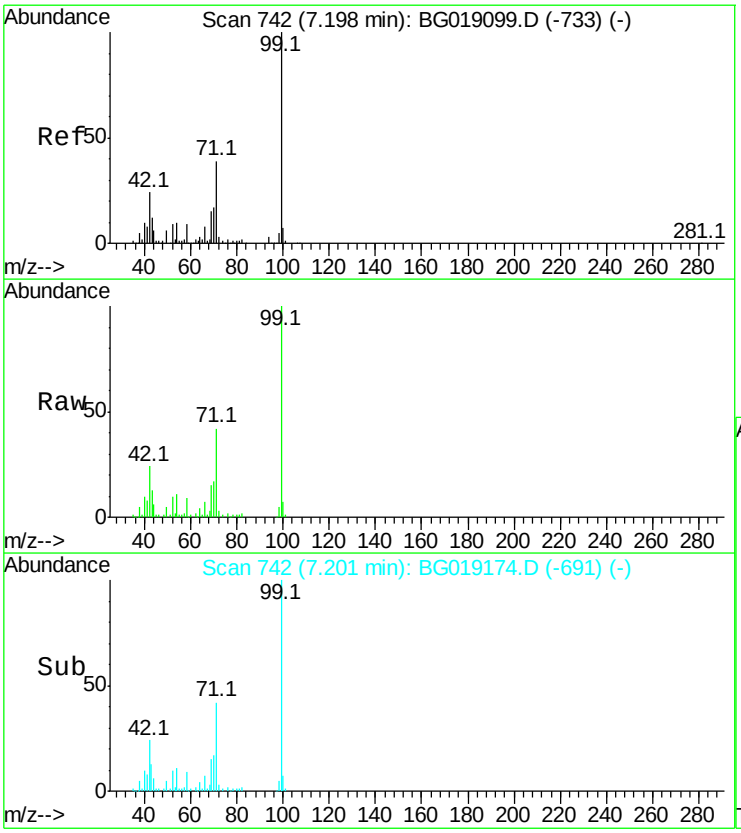
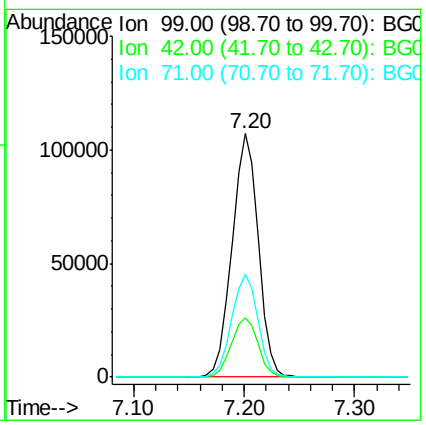
10/13/2015 1:26:50 PM

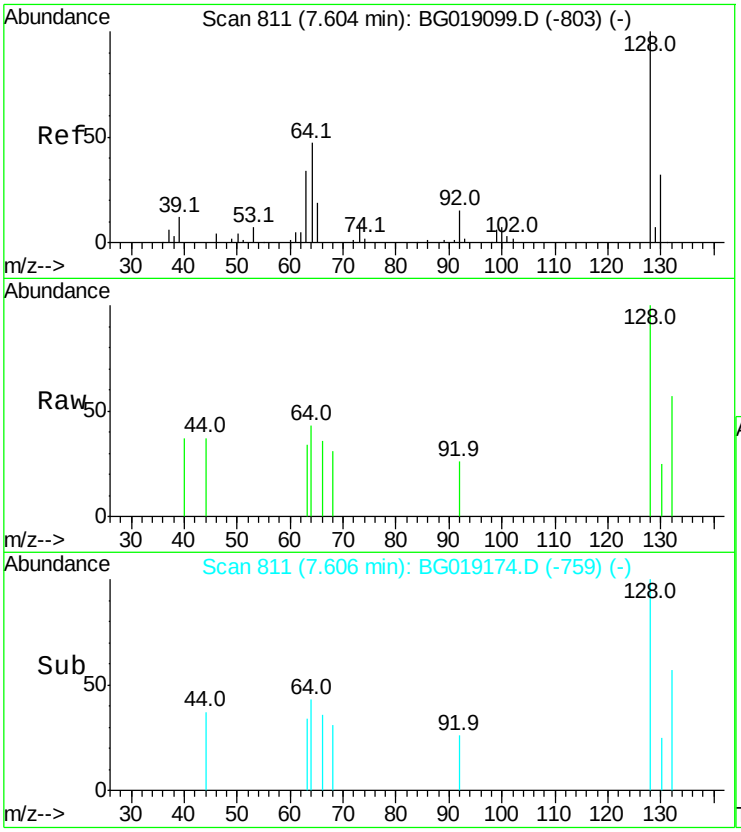


#7
Phenol-d6
Concen: 138.59 ng
RT: 7.20 min Scan# 742
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 99 Resp: 178993

Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.5	29.3
71	42.4	31.4	47.0

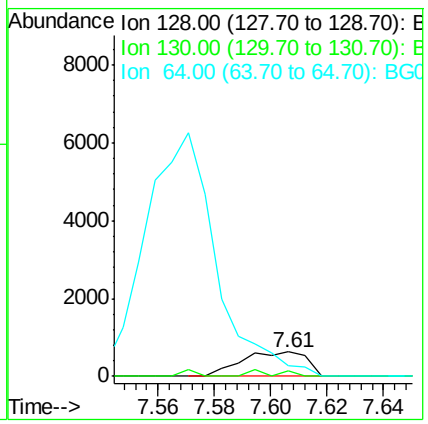




#8
2-Chlorophenol
Concen: 0.94 ng
RT: 7.61 min Scan# 811
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

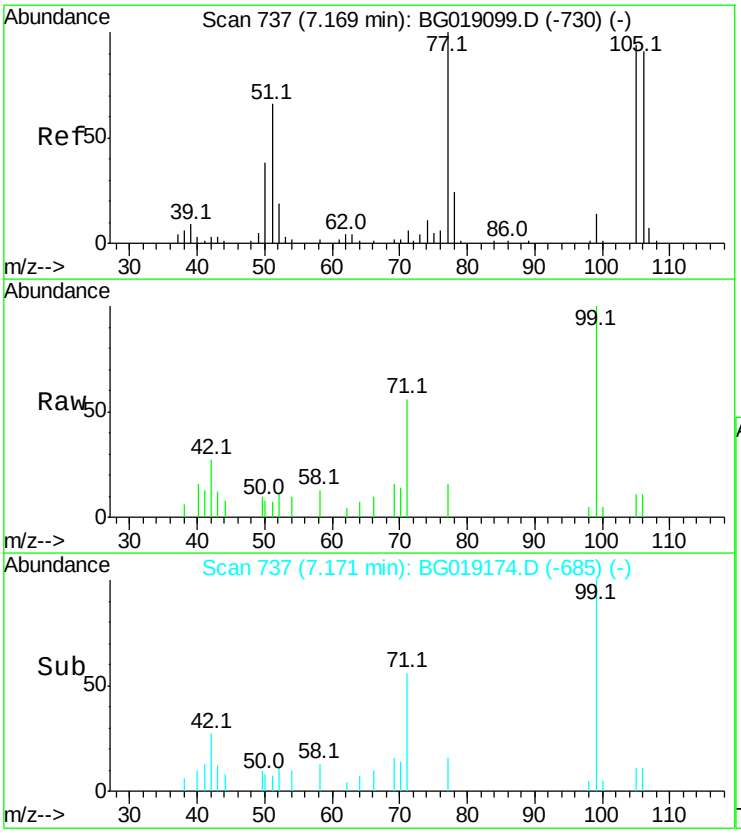
Tgt Ion:128 Resp: 989

Ion	Ratio	Lower	Upper
128	100		
130	25.0	12.3	52.3
64	42.7	35.8	75.8



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

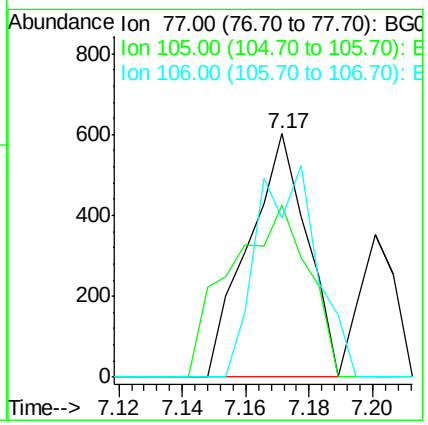
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:50 PM

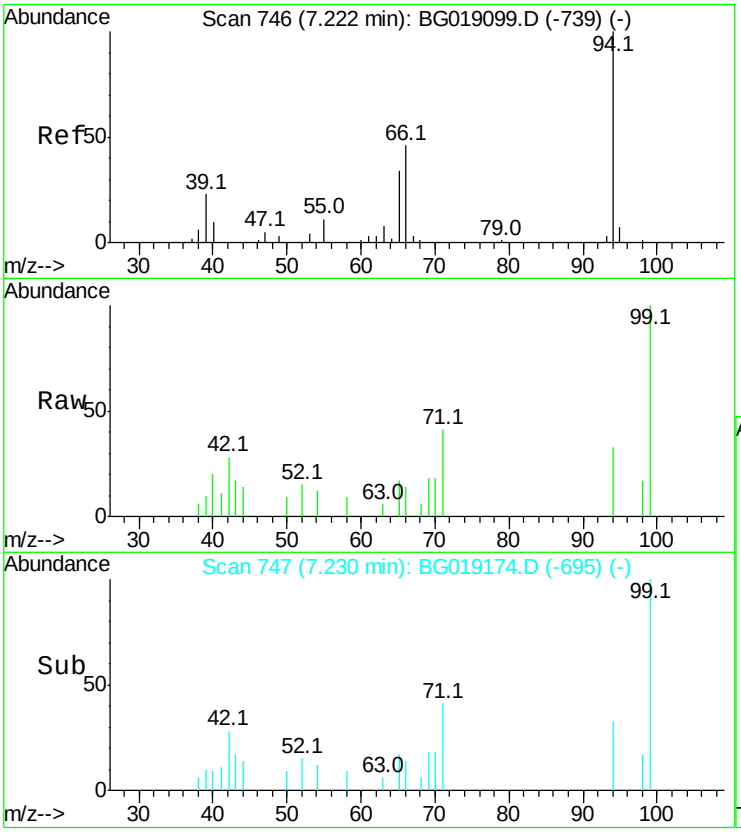


#9
Benzaldehyde
Concen: 0.95 ng
RT: 7.17 min Scan# 737
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 77 Resp: 770

Ion	Ratio	Lower	Upper
77	100		
105	70.4	73.7	113.7#
106	65.6	71.0	111.0#

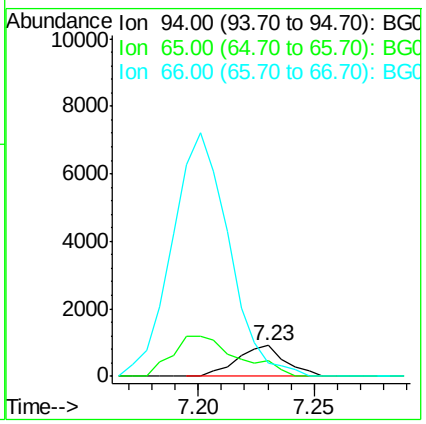




#10
Phenol
Concen: 0.97 ng
RT: 7.23 min Scan# 747
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

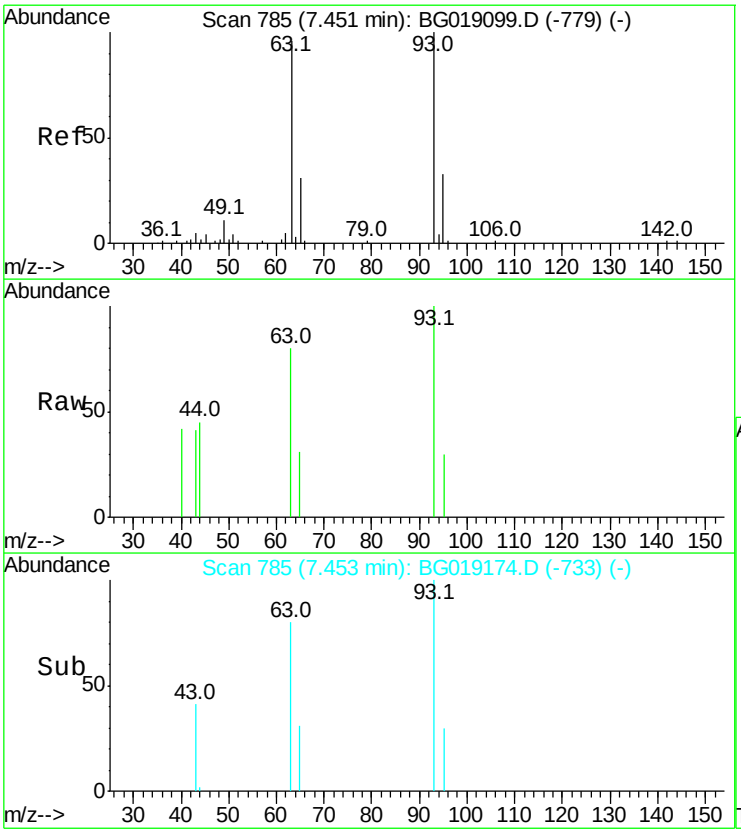
Tgt Ion: 94 Resp: 1304

Ion	Ratio	Lower	Upper
94	100		
65	52.5	15.2	55.2
66	41.9	28.7	68.7



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

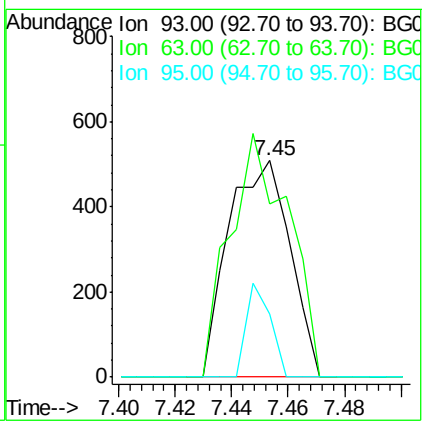
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:50 PM

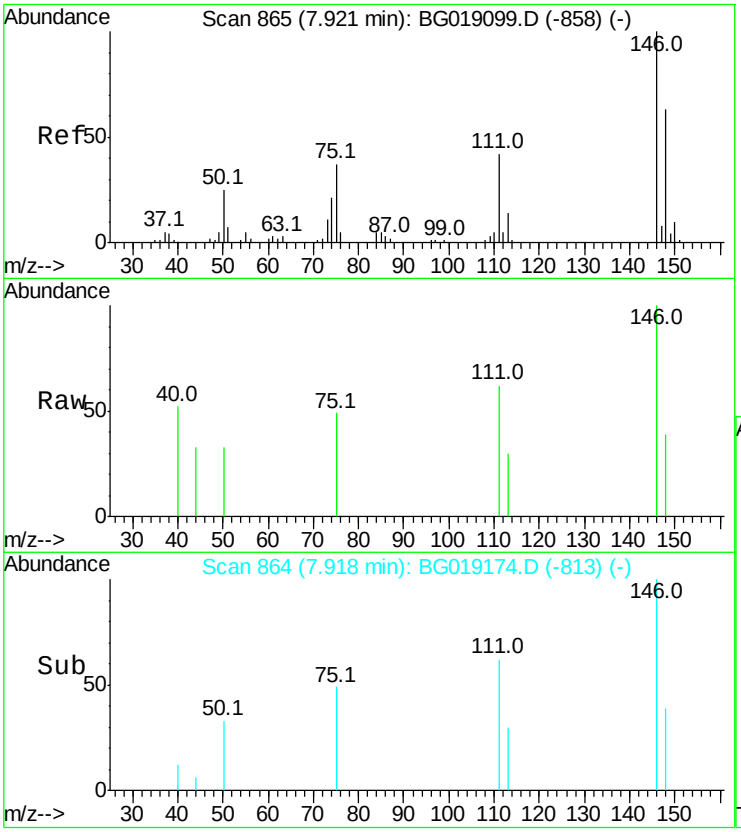


#11
bis(2-Chloroethyl)ether
Concen: 0.75 ng
RT: 7.45 min Scan# 785
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 93 Resp: 764

Ion	Ratio	Lower	Upper
93	100		
63	80.1	75.3	115.3
95	29.5	12.9	52.9

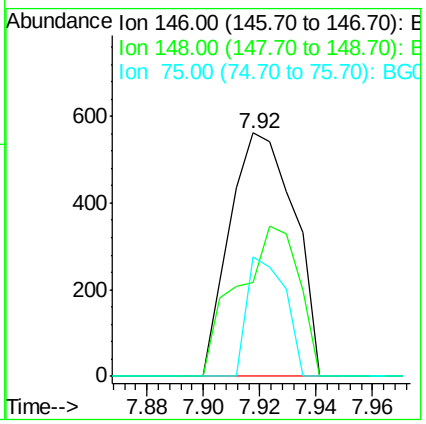




#12
1,3-Dichlorobenzene
Concen: 0.77 ng
RT: 7.92 min Scan# 864
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

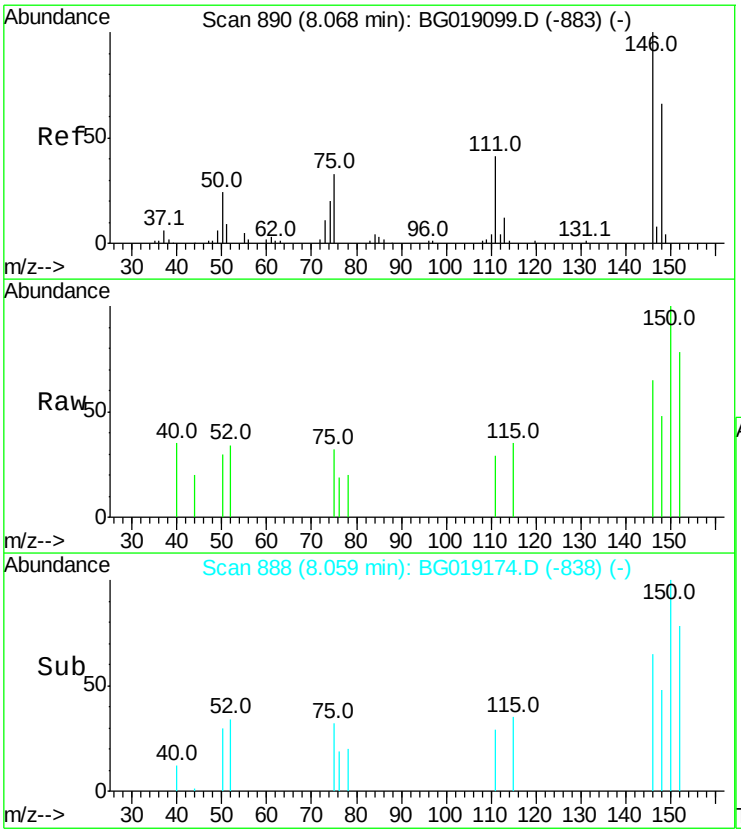
Tgt Ion:146 Resp: 889

Ion	Ratio	Lower	Upper
146	100		
148	38.8	50.2	75.4#
75	49.3	29.3	43.9#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

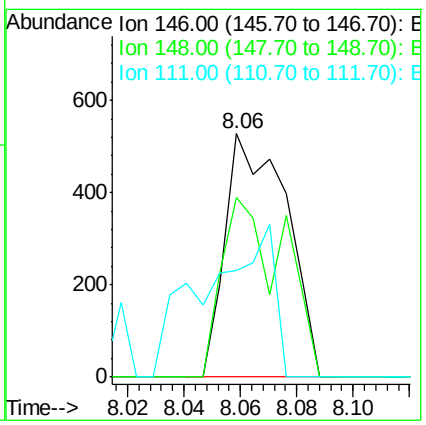
Manual Integrations APPROVED
MMdadoda
10/13/2015 1:26:50 PM

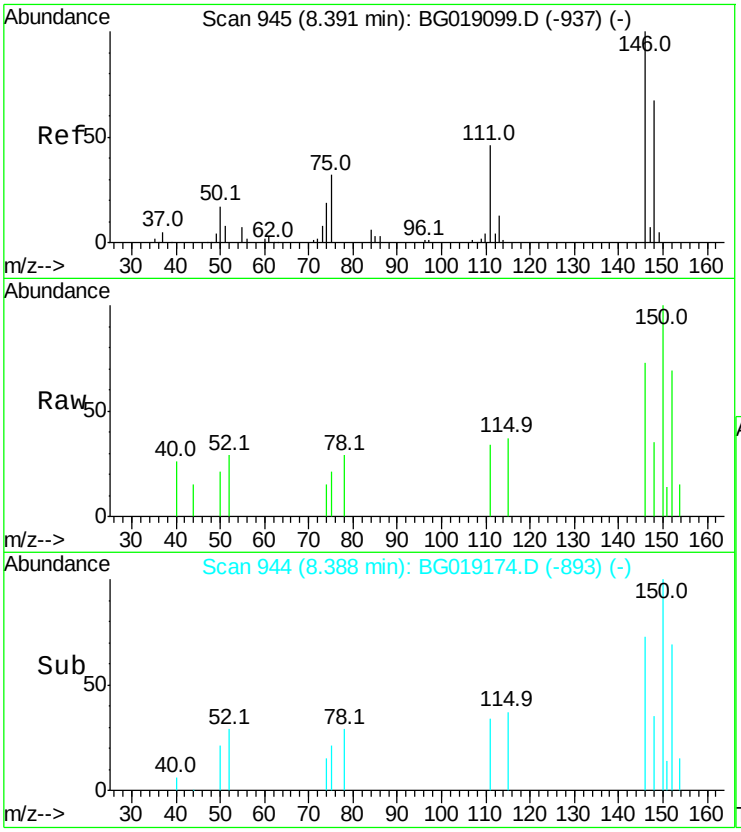


#13
1,4-Dichlorobenzene
Concen: 0.67 ng
RT: 8.06 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:146 Resp: 790

Ion	Ratio	Lower	Upper
146	100		
148	73.9	52.9	79.3
111	43.9	33.1	49.7

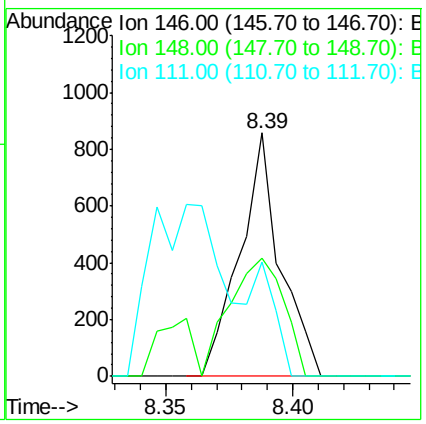




#14
1,2-Dichlorobenzene
Concen: 0.84 ng
RT: 8.39 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:146 Resp: 955

Ion	Ratio	Lower	Upper
146	100		
148	48.3	53.6	80.4#
111	46.7	37.3	55.9



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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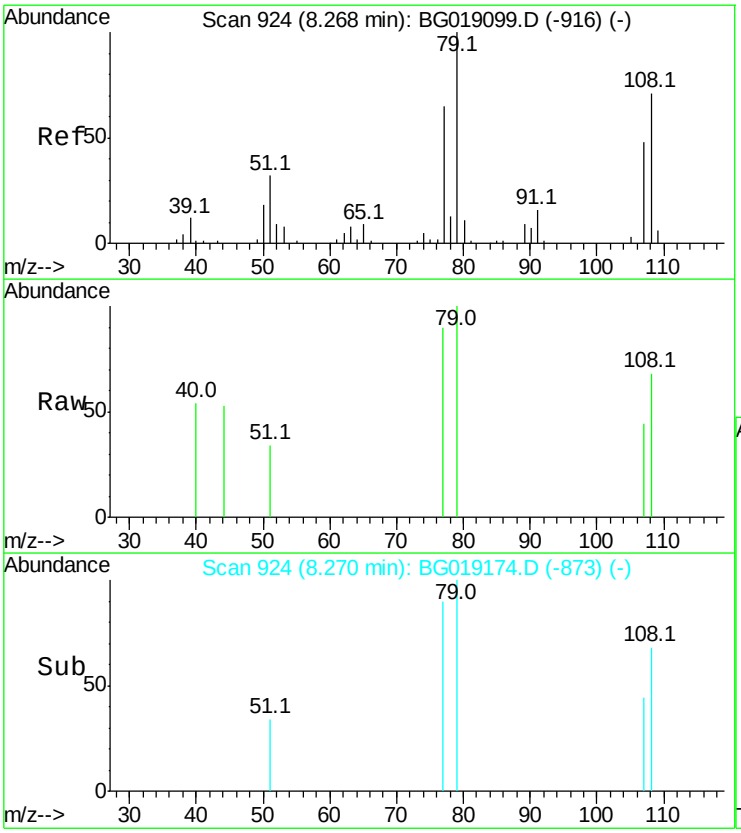
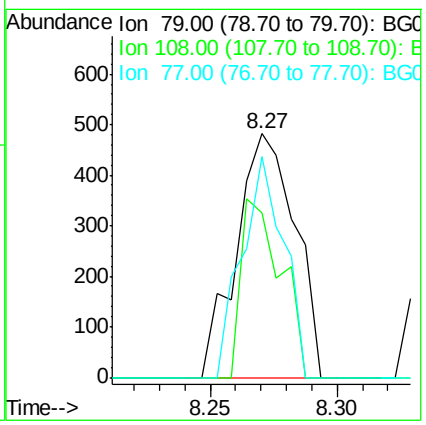
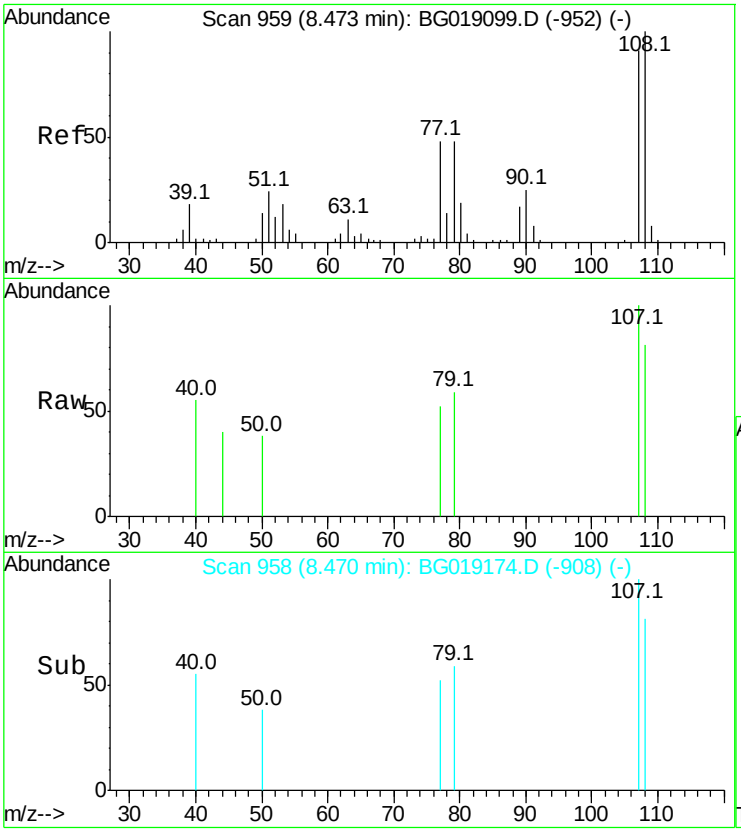


#15
Benzyl Alcohol
Concen: 0.67 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 79 Resp: 776

Ion	Ratio	Lower	Upper
79	100		
108	67.6	56.6	84.8
77	90.5	51.6	77.4#

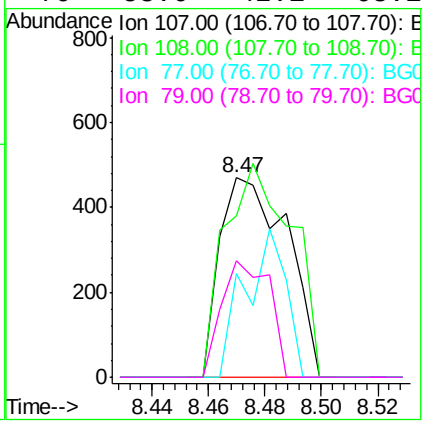




#17
2-Methylphenol
Concen: 0.81 ng
RT: 8.47 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:107 Resp: 775

Ion	Ratio	Lower	Upper
107	100		
108	81.2	87.7	131.5#
77	52.0	42.2	63.2
79	58.6	42.1	63.1



Instrument :
BNA_G
ClientSampleId :
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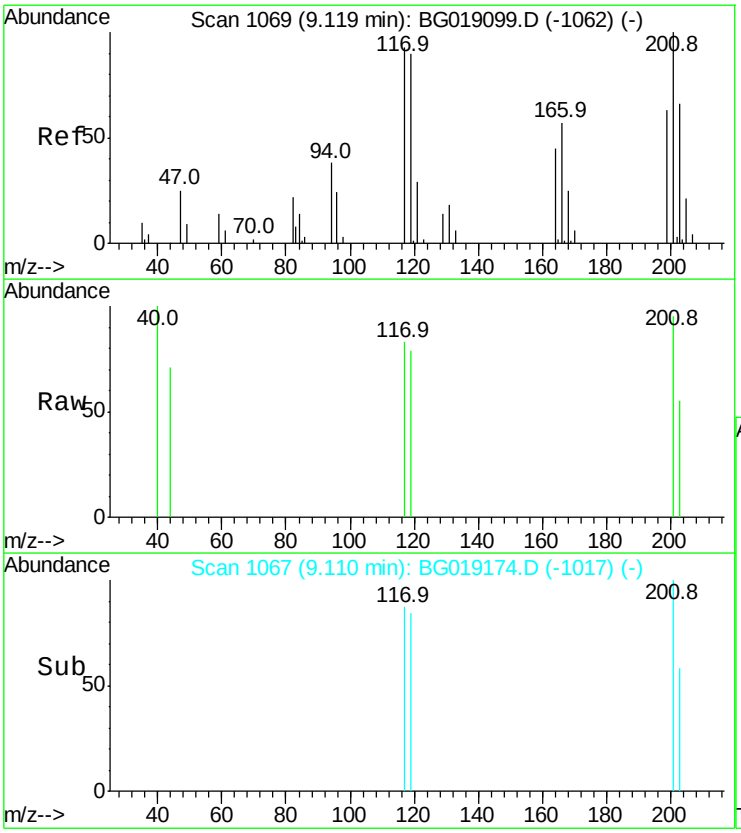
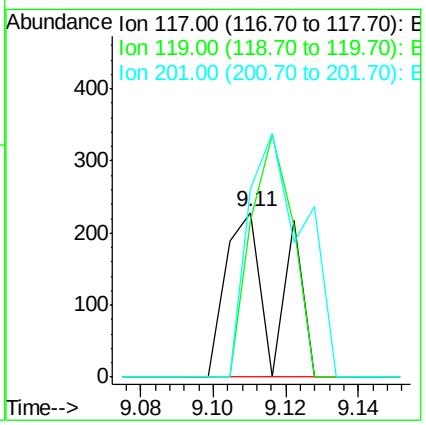
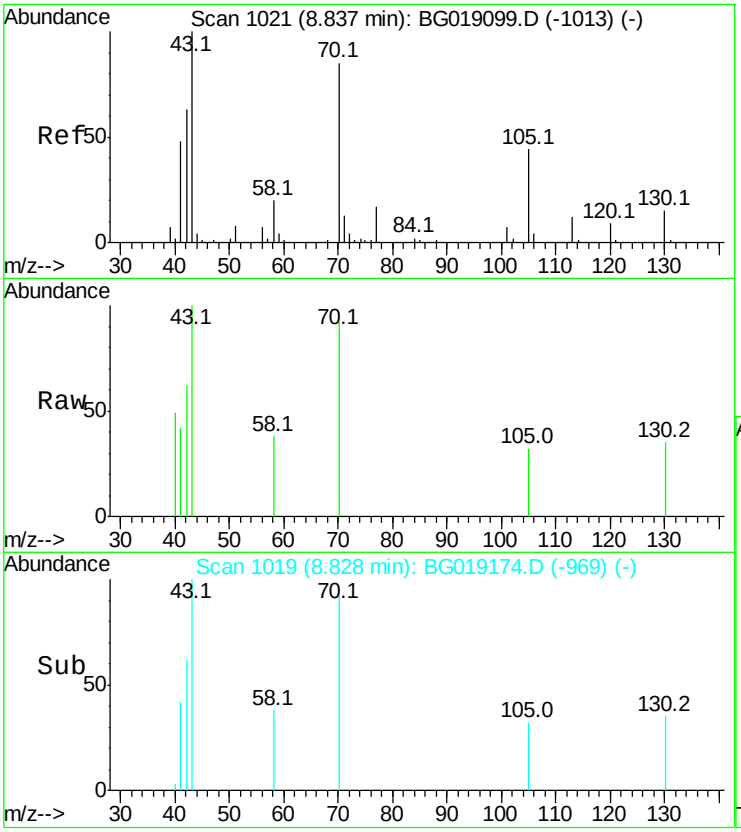


#18
Hexachloroethane
Concen: 0.50 ng
RT: 9.11 min Scan# 1067
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:117 Resp: 223

Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.0	115.4
201	114.5	85.6	128.4

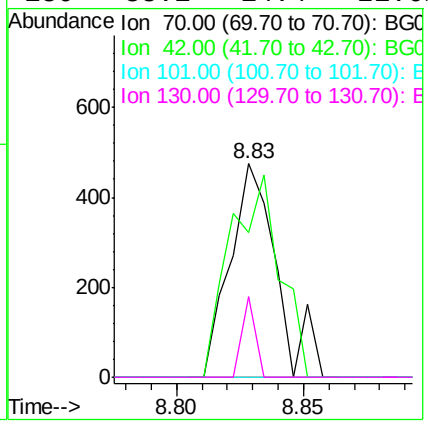




#19
n-Nitroso-di-n-propylamine
Concen: 0.59 ng
RT: 8.83 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 70 Resp: 605

Ion	Ratio	Lower	Upper
70	100		
42	67.6	59.8	89.8
101	0.0	7.0	10.4#
130	38.1	14.4	21.6#



Instrument :
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ClientSampleId :
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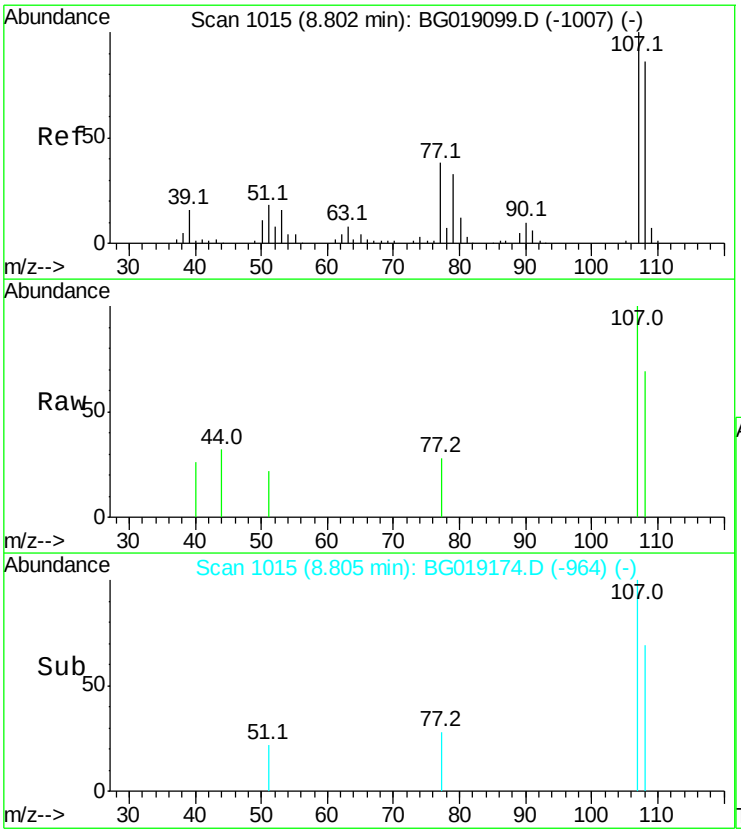
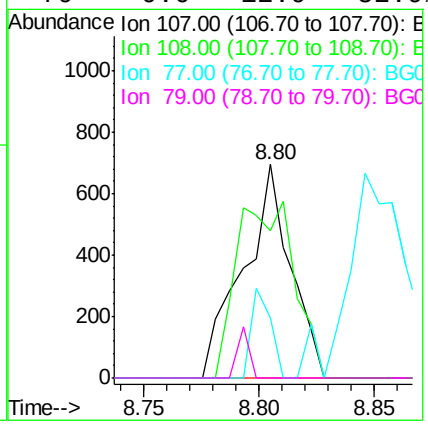
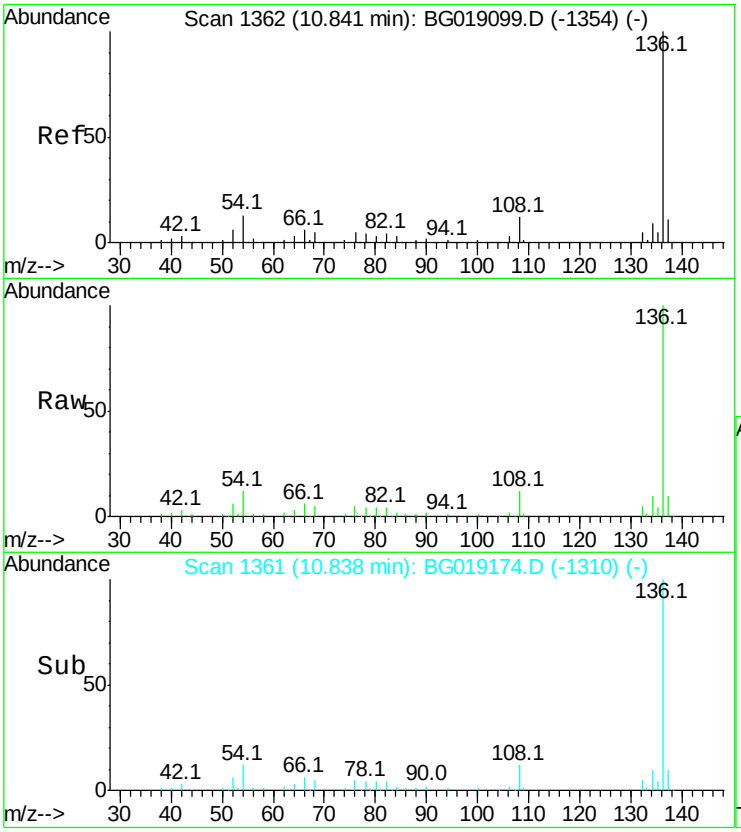


#20
3+4-Methylphenols
Concen: 0.71 ng
RT: 8.80 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:107 Resp: 985

Ion	Ratio	Lower	Upper
107	100		
108	69.1	66.2	106.2
77	28.1	17.8	57.8
79	0.0	12.9	52.9#

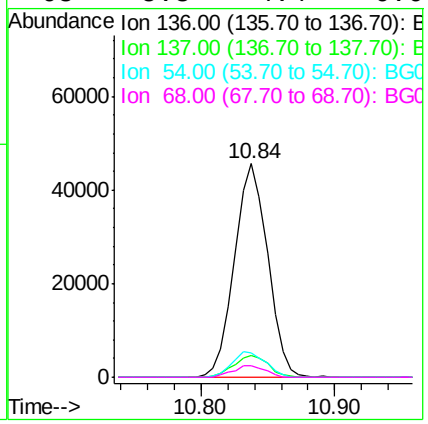




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:136 Resp: 78670

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.4
54	11.7	10.1	15.1
68	5.3	4.4	6.6



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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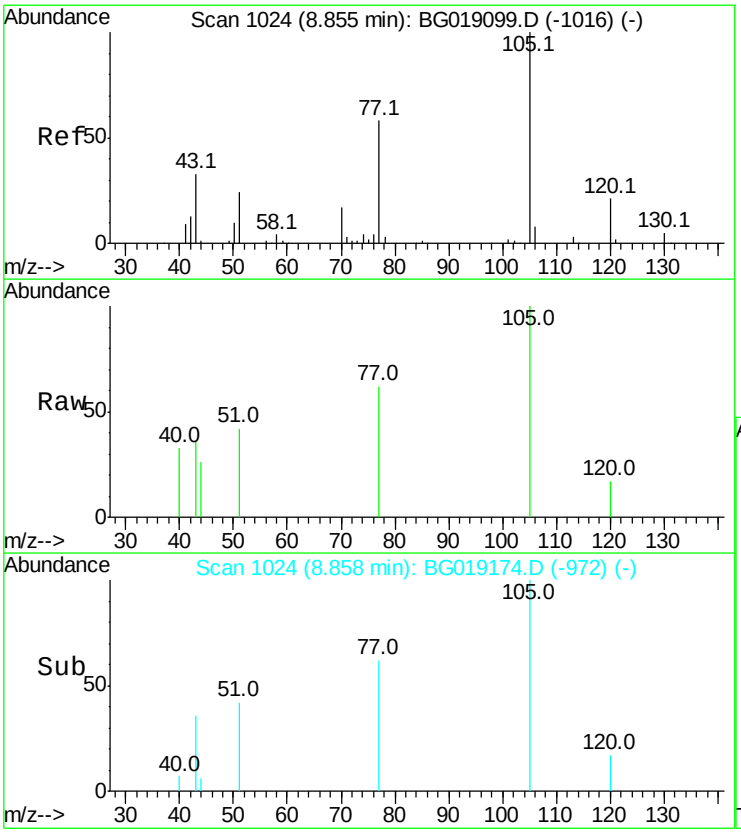
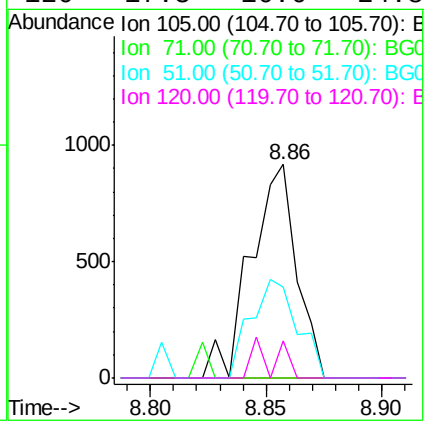
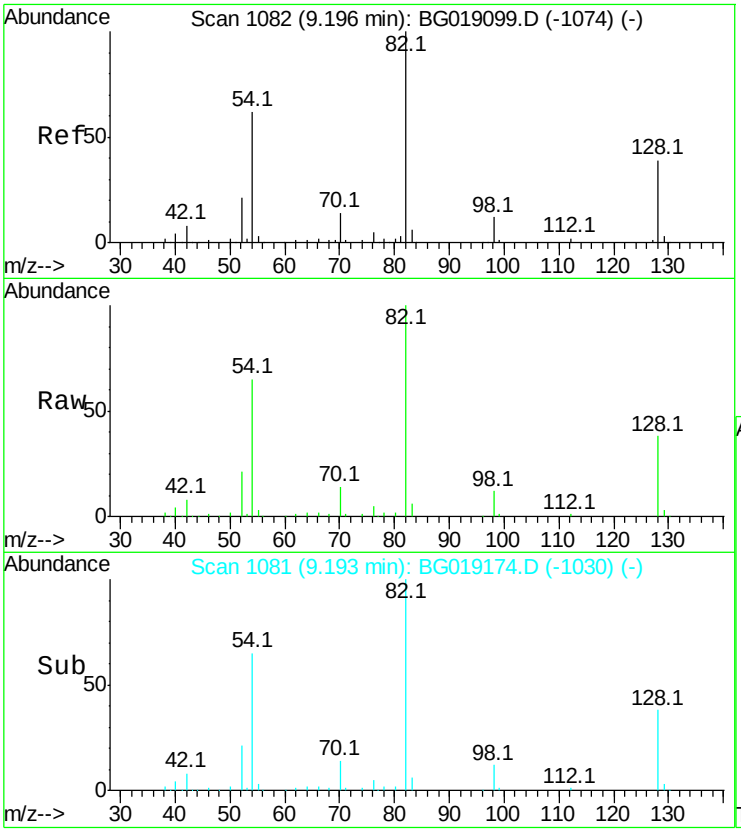


#22
Acetophenone
Concen: 0.69 ng
RT: 8.86 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:105 Resp: 1270

Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.2	3.2#
51	42.3	29.2	43.8
120	17.3	16.6	24.8

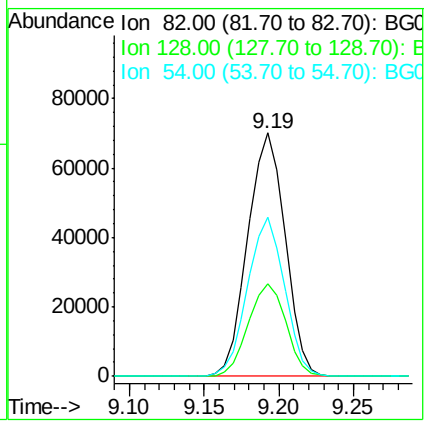




#23
Nitrobenzene-d5
Concen: 85.72 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 82 Resp: 122050

Ion	Ratio	Lower	Upper
82	100		
128	37.9	31.4	47.2
54	65.1	50.0	75.0



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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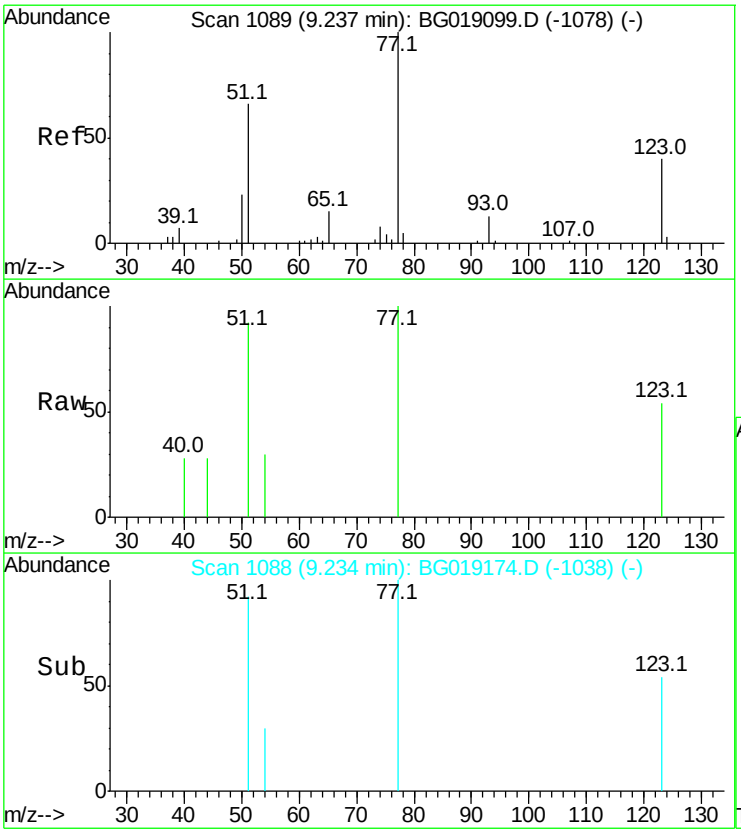
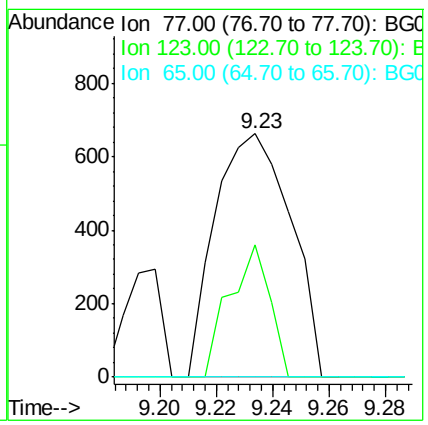
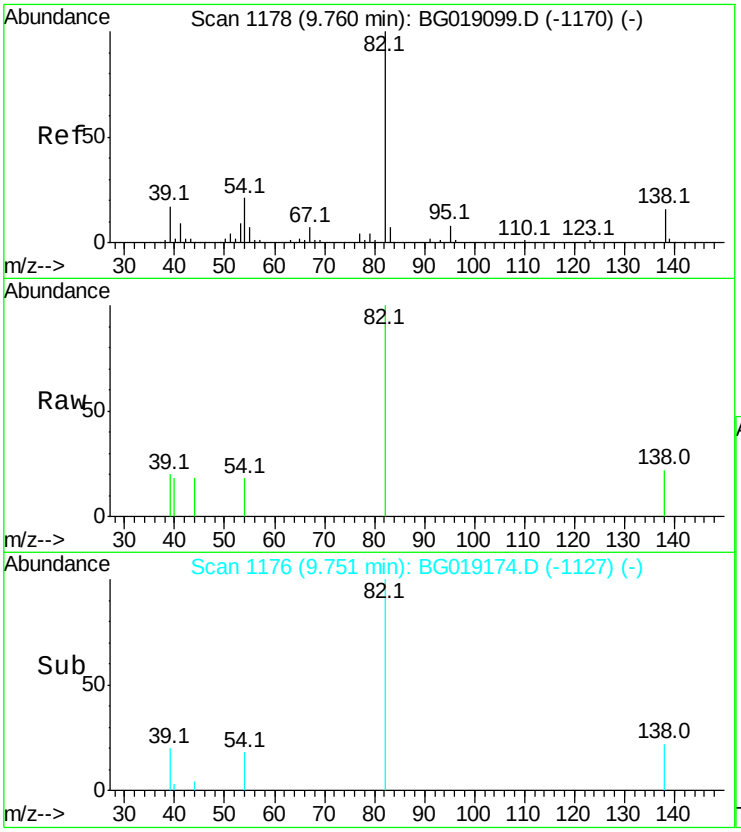


#24
Nitrobenzene
Concen: 0.81 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 77 Resp: 1230

Ion	Ratio	Lower	Upper
77	100		
123	54.3	31.8	47.6#
65	0.0	11.8	17.6#





#25
Isophorone
Concen: 0.71 ng
RT: 9.75 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 82 Resp: 2059

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.7	10.1#
138	21.5	12.6	19.0#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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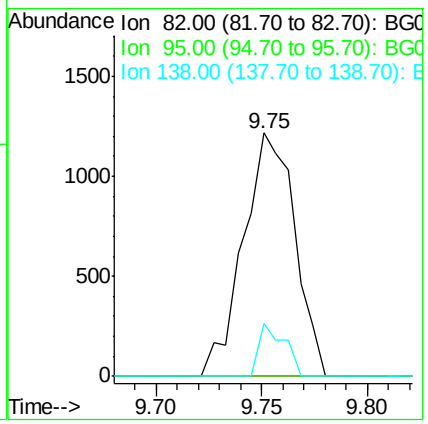
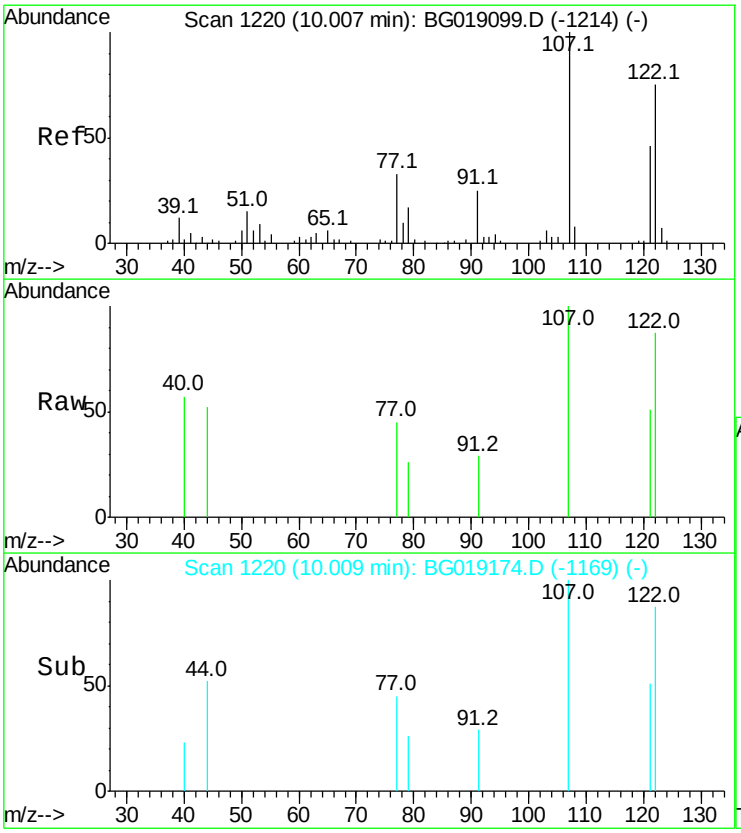
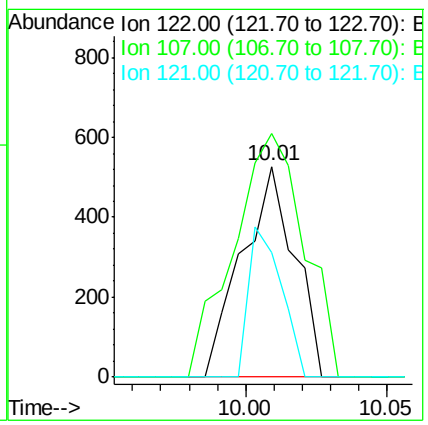


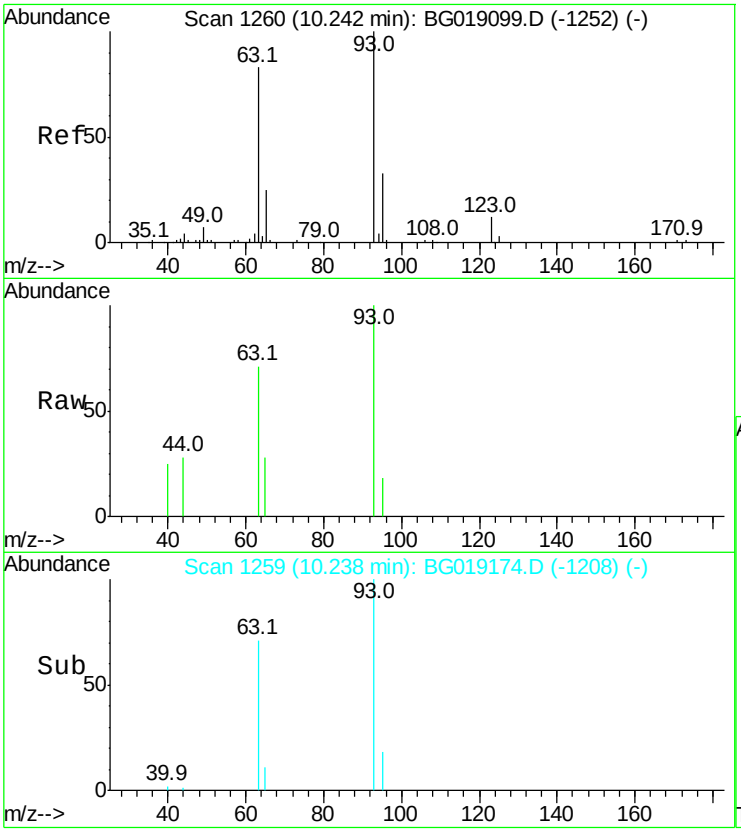


#27
2,4-Dimethylphenol
Concen: 0.60 ng
RT: 10.01 min Scan# 1220
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:122 Resp: 680

Ion	Ratio	Lower	Upper
122	100		
107	115.3	105.1	157.7
121	59.1	48.7	73.1





#28
bis(2-Chloroethoxy)methane
Concen: 0.73 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Instrument :
BNA_G
ClientSampleId :
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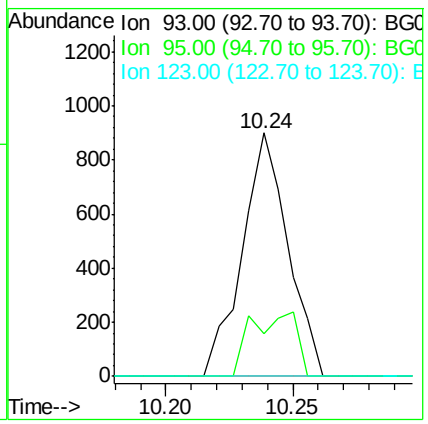
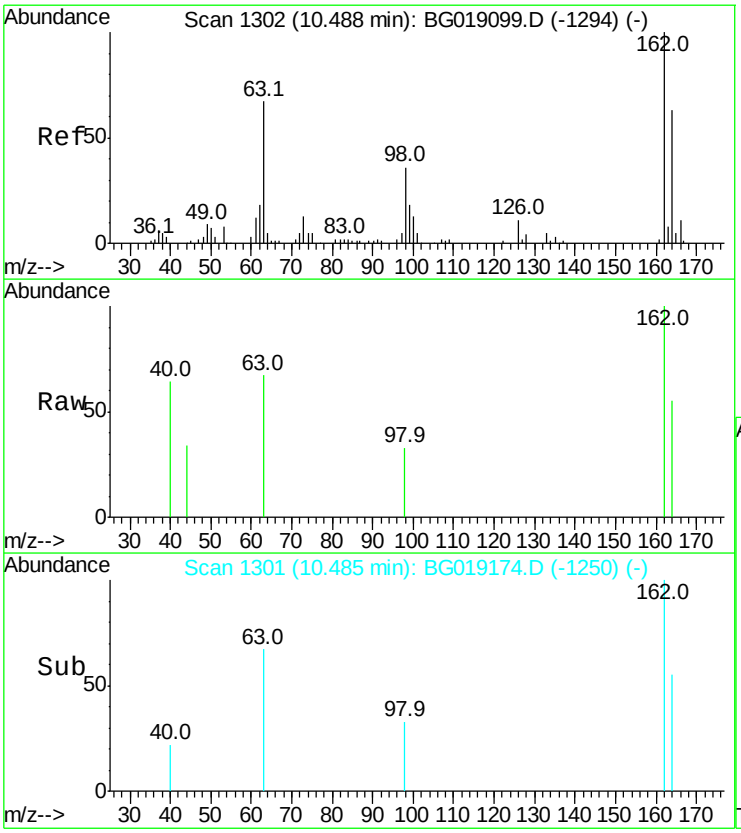
Tgt Ion: 93 Resp: 1134

Ion	Ratio	Lower	Upper
93	100		
95	17.7	26.5	39.7#
123	0.0	9.4	14.2#

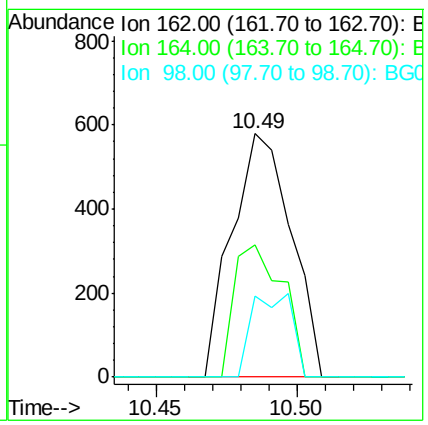


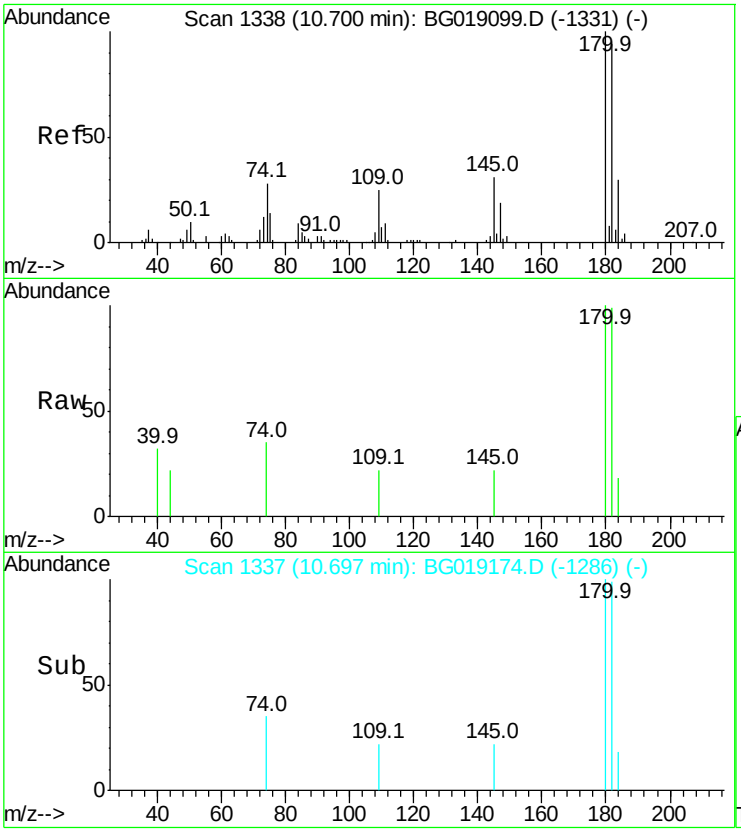


#29
2,4-Dichlorophenol
Concen: 0.71 ng
RT: 10.49 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:162 Resp: 843

Ion	Ratio	Lower	Upper
162	100		
164	54.6	42.8	82.8
98	33.3	16.1	56.1





#30
1,2,4-Trichlorobenzene
Concen: 0.84 ng
RT: 10.70 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:180 Resp: 1064

Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.3	112.9
145	22.0	24.9	37.3#

Instrument :
BNA_G
ClientSampleId :
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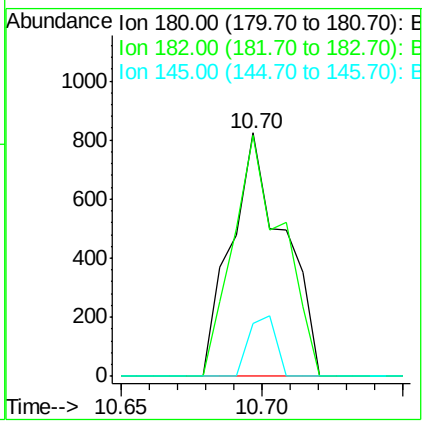
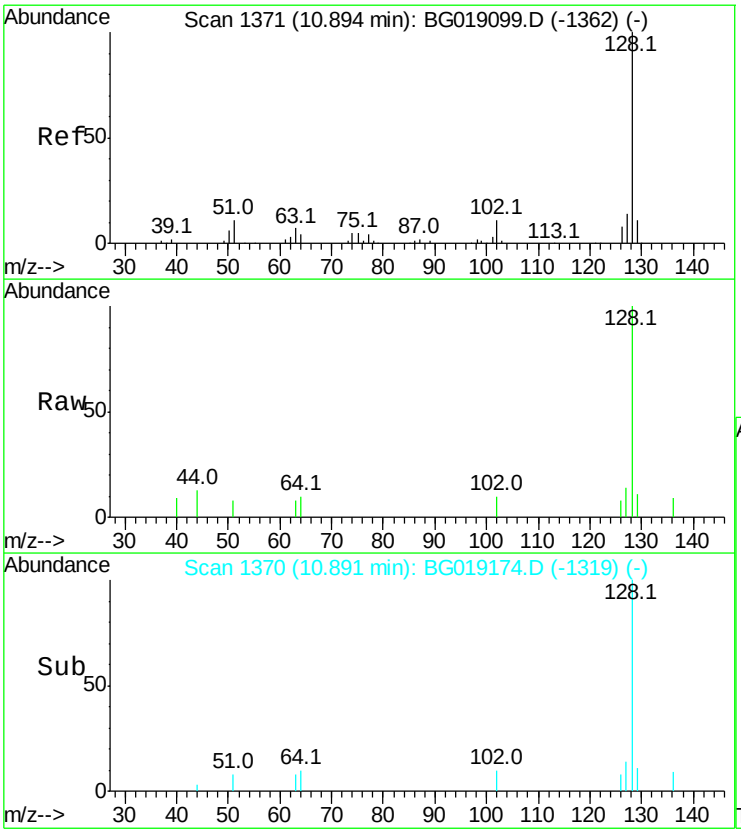
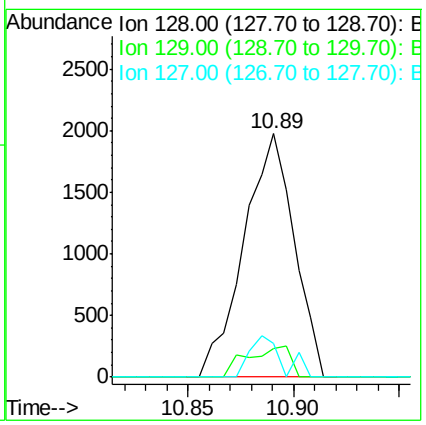


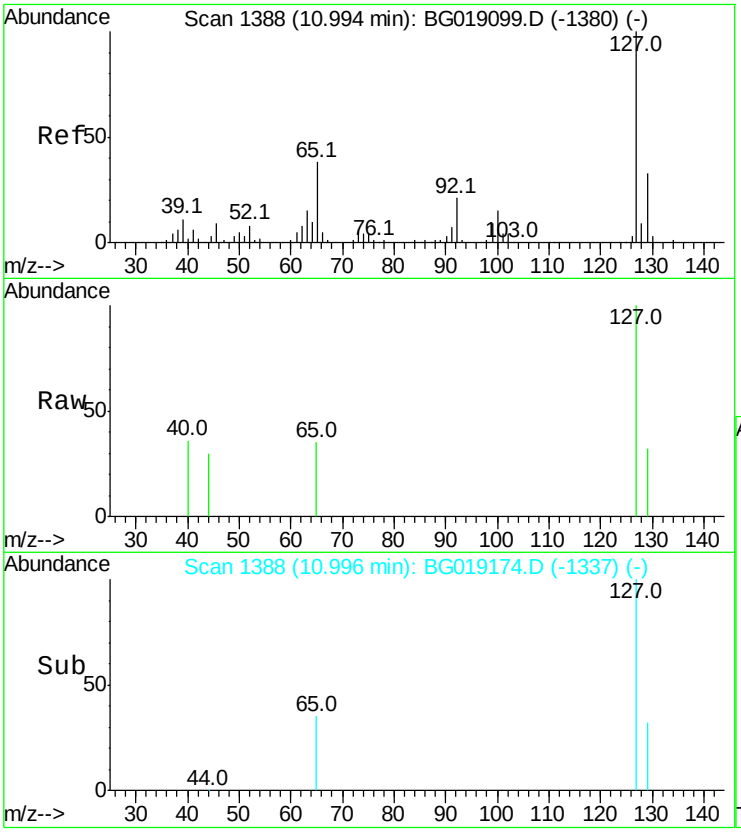


#31
Naphthalene
Concen: 0.86 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:128 Resp: 3264

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	12.8
127	13.7	11.4	17.0

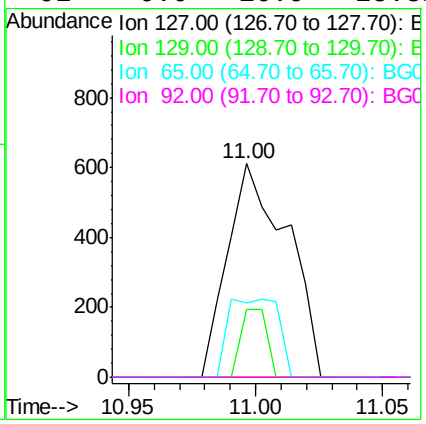




#33
4-Chloroaniline
Concen: 0.57 ng
RT: 11.00 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:127 Resp: 1005

Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	34.7	30.4	45.6
92	0.0	16.9	25.3#



Instrument :
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ClientSampleId :
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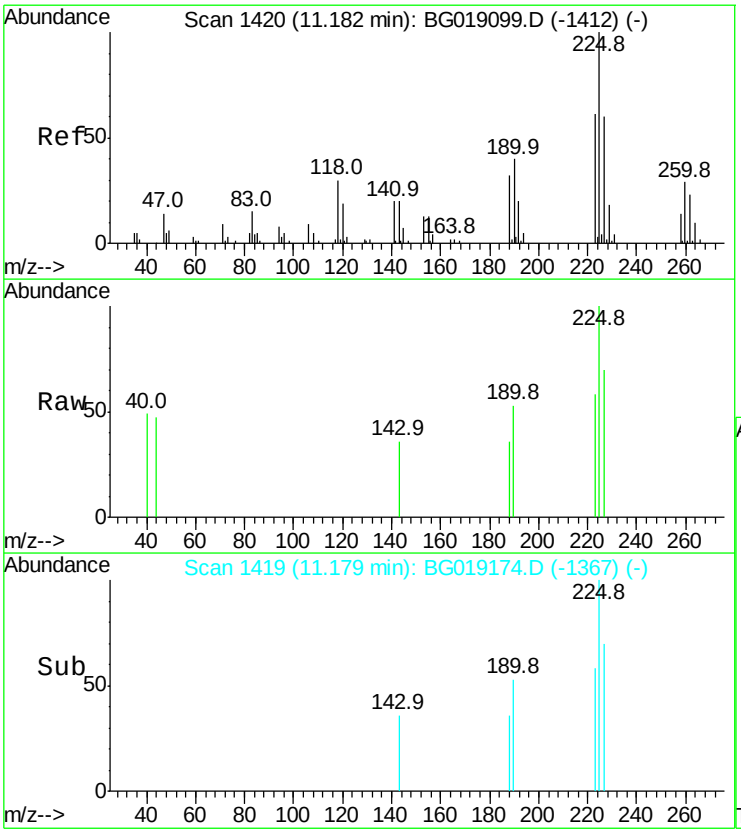
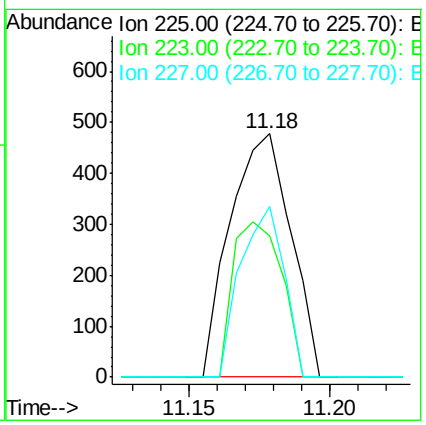
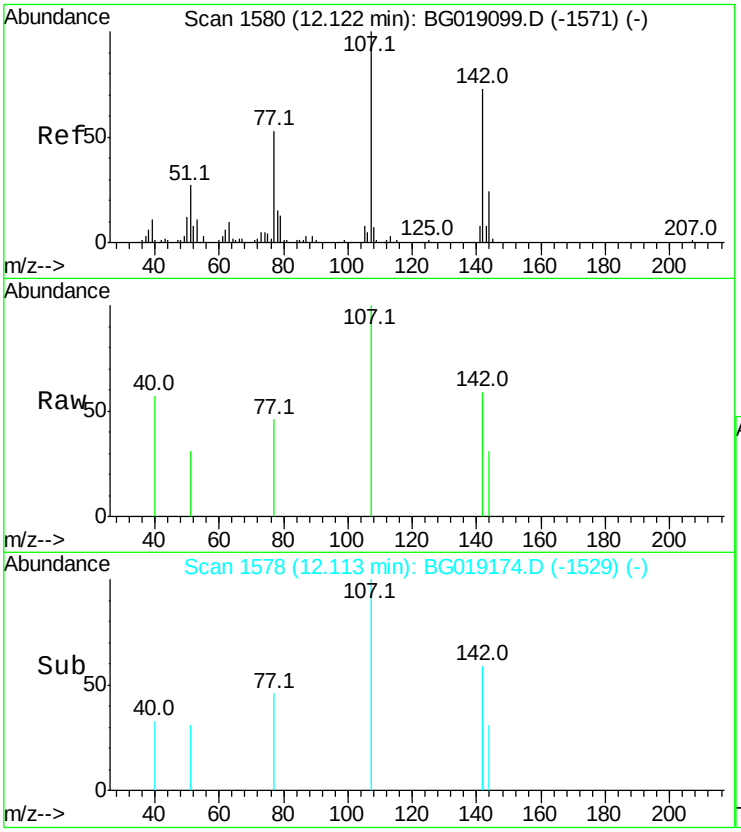


#34
Hexachlorobutadiene
Concen: 0.82 ng
RT: 11.18 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:225 Resp: 710

Ion	Ratio	Lower	Upper
225	100		
223	58.2	48.6	72.8
227	70.1	48.1	72.1





#36
4-Chloro-3-methylphenol
Concen: 0.80 ng
RT: 12.11 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:107 Resp: 1194

Ion	Ratio	Lower	Upper
107	100		
144	30.6	19.0	28.6#
142	58.9	58.5	87.7

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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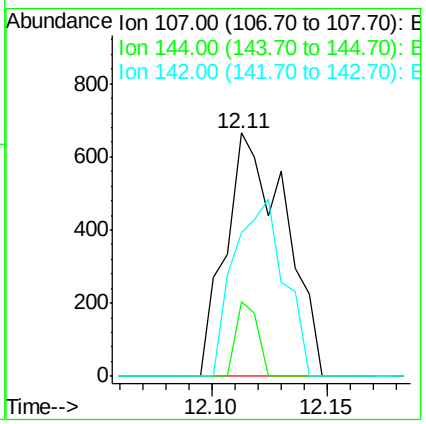
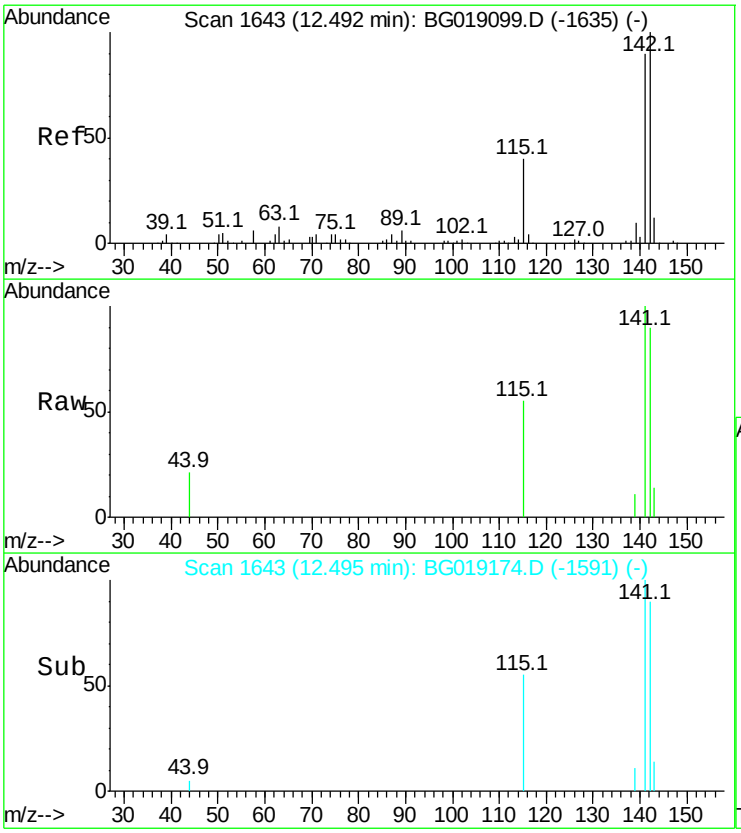
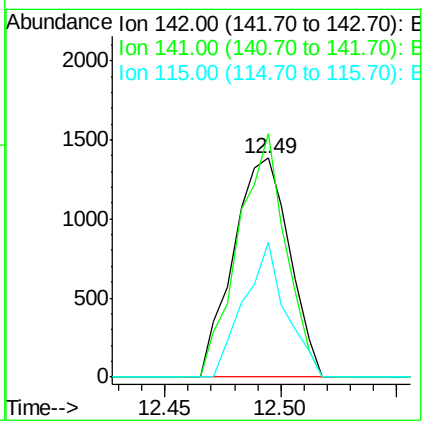


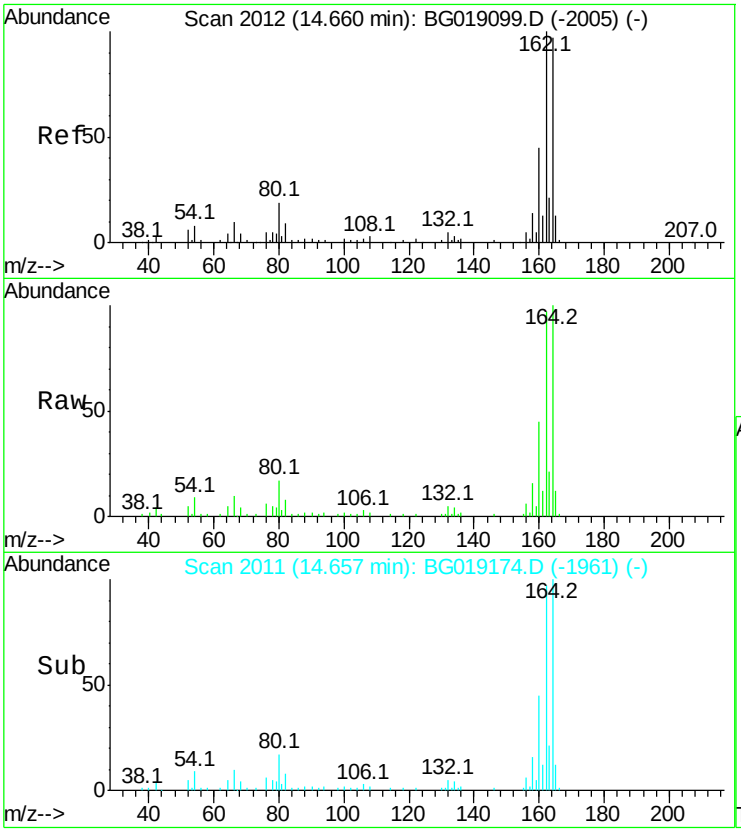


#37
2-Methylnaphthalene
Concen: 0.80 ng
RT: 12.49 min Scan# 1643
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:142 Resp: 2339

Ion	Ratio	Lower	Upper
142	100		
141	111.2	72.1	108.1#
115	61.7	31.8	47.8#

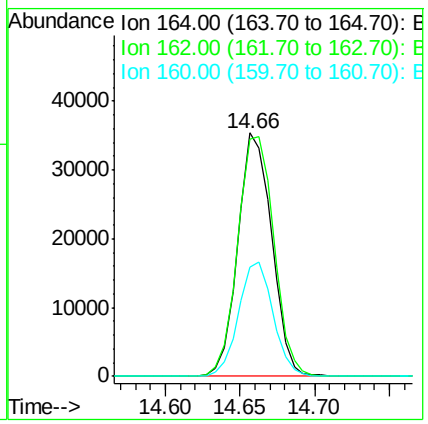




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:164 Resp: 55583

Ion	Ratio	Lower	Upper
164	100		
162	97.4	82.6	124.0
160	44.7	36.9	55.3



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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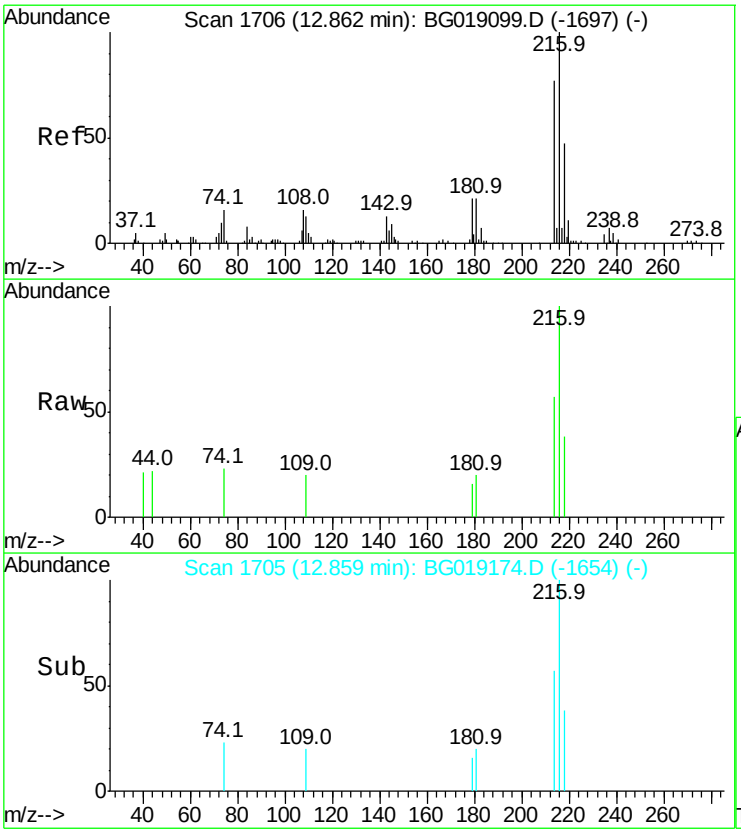
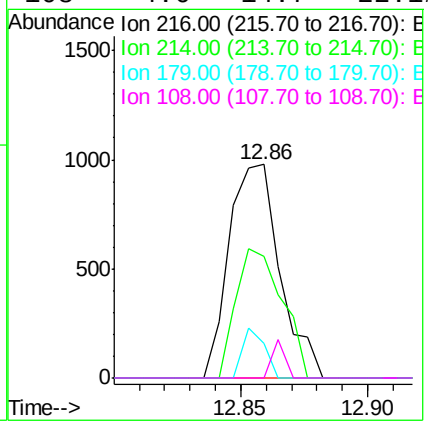
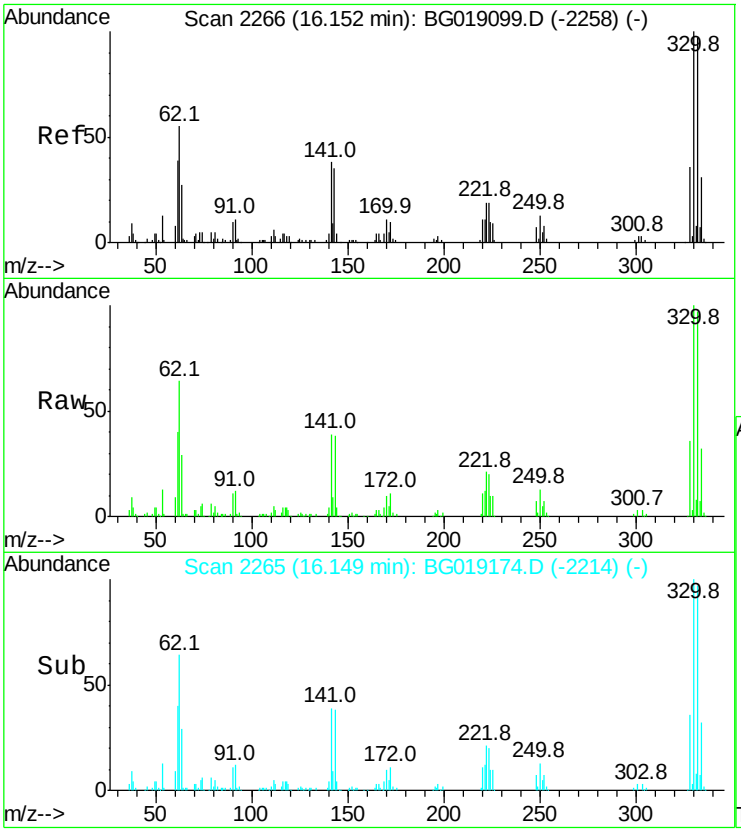


#39
1,2,4,5-Tetrachlorobenzene
Concen: 0.86 ng
RT: 12.86 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:216 Resp: 1370

Ion	Ratio	Lower	Upper
216	100		
214	55.0	64.0	96.0#
179	10.0	16.9	25.3#
108	4.6	14.7	22.1#





#41
2,4,6-Tribromophenol
Concen: 134.93 ng
RT: 16.15 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:330 Resp: 102203

Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	39.5	30.7	46.1

Instrument :
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ClientSampleId :
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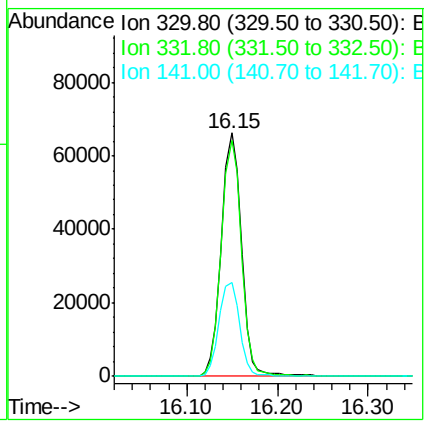
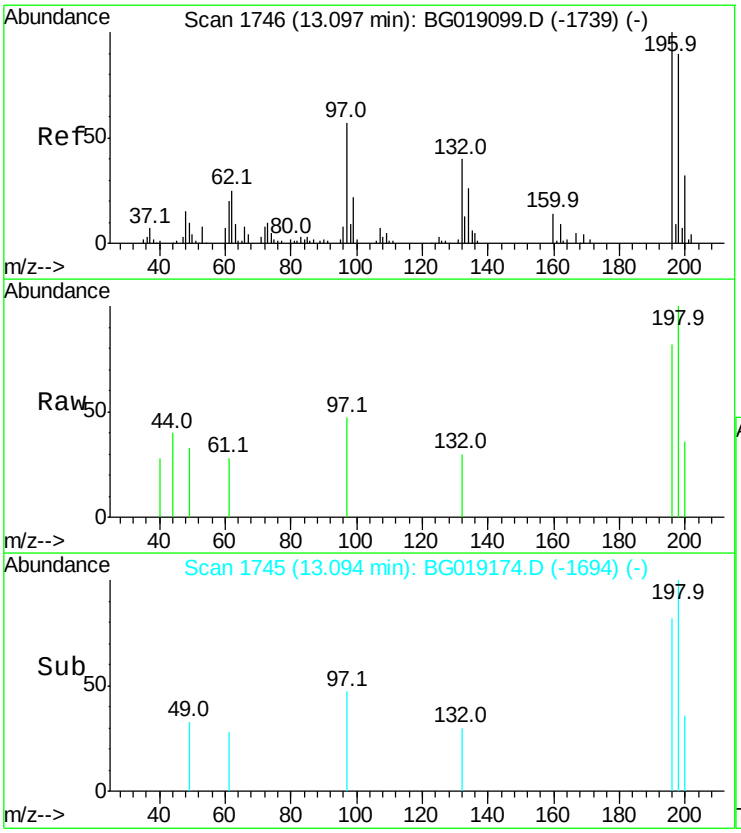
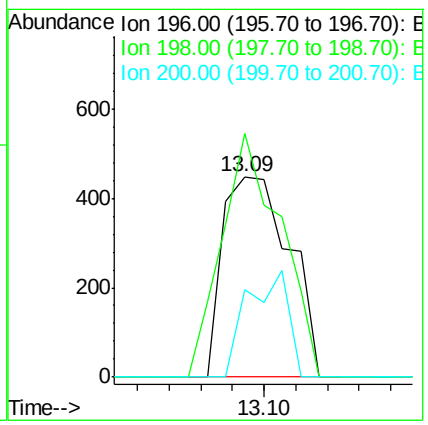


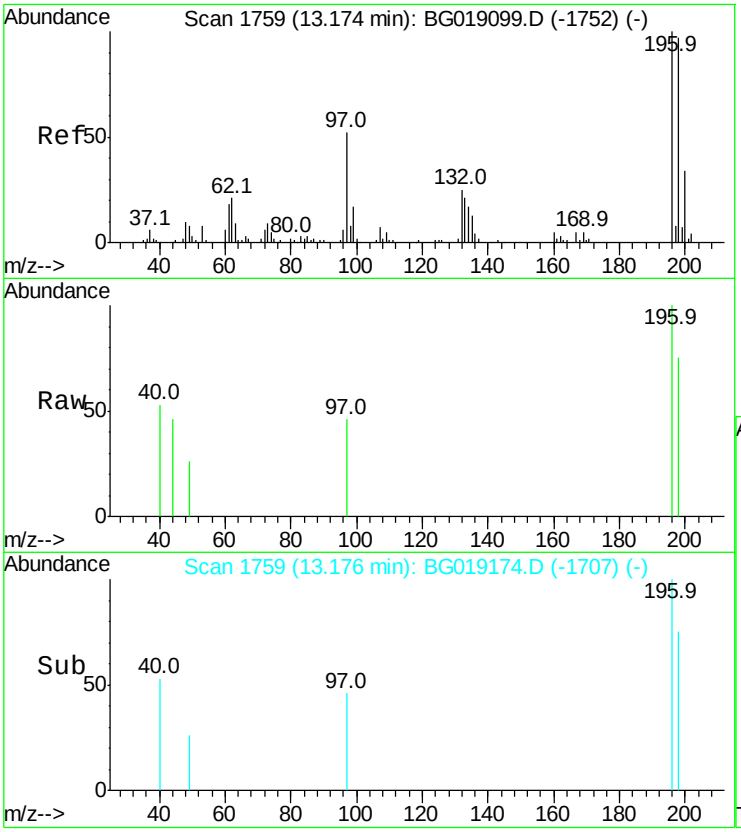


#42
2,4,6-Trichlorophenol
Concen: 0.59 ng
RT: 13.09 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:196 Resp: 652

Ion	Ratio	Lower	Upper
196	100		
198	121.4	72.0	108.0#
200	43.8	25.5	38.3#

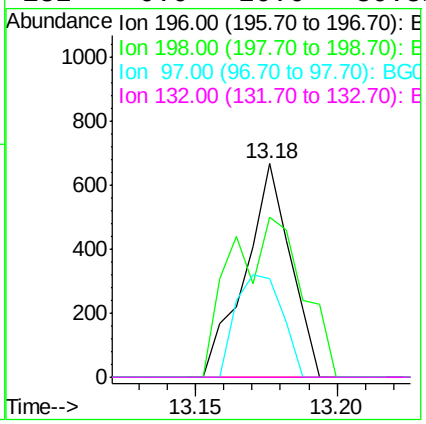




#43
2,4,5-Trichlorophenol
Concen: 0.63 ng
RT: 13.18 min Scan# 1759
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:196 Resp: 742

Ion	Ratio	Lower	Upper
196	100		
198	75.1	77.7	116.5#
97	46.0	41.4	62.2
132	0.0	20.6	30.8#



Instrument :
BNA_G
ClientSampleId :
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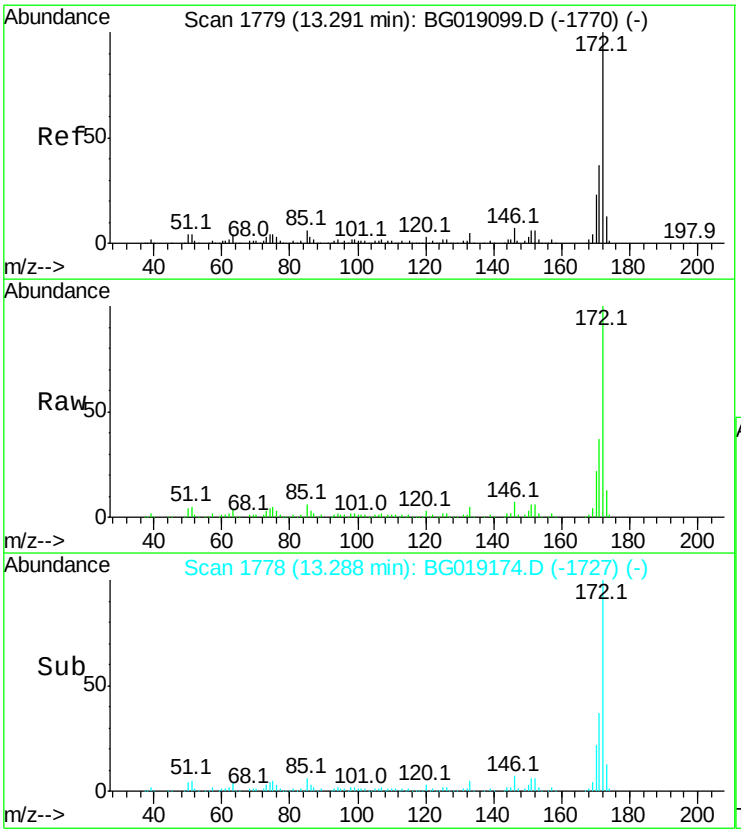
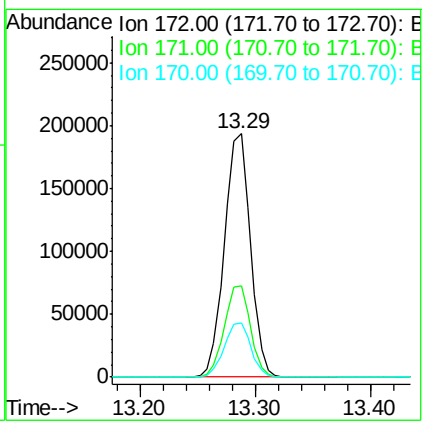
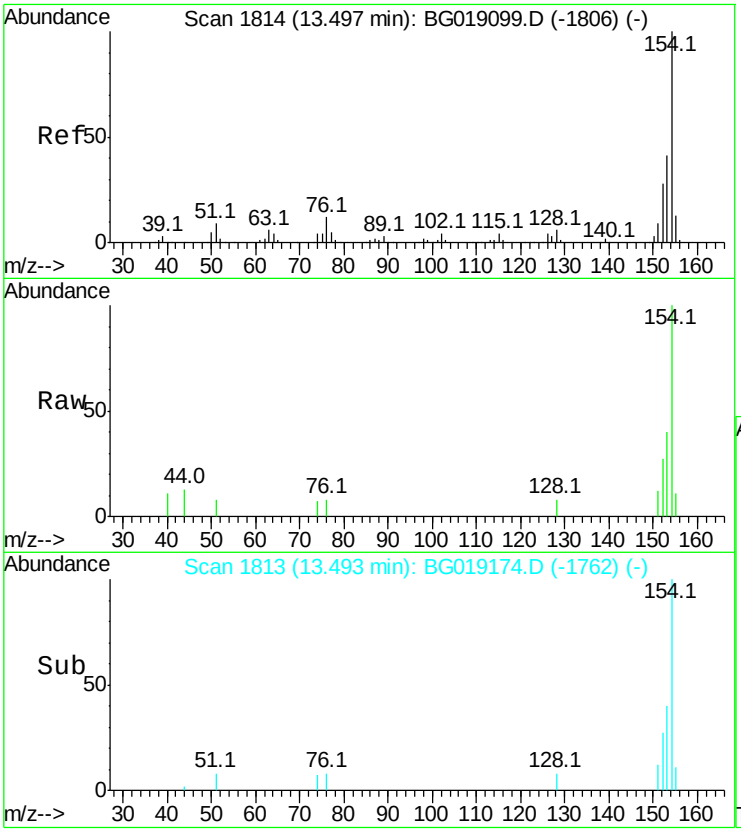


#44
2-Fluorobiphenyl
Concen: 83.57 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:172 Resp: 302104

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.9	44.9
170	22.5	18.6	27.8

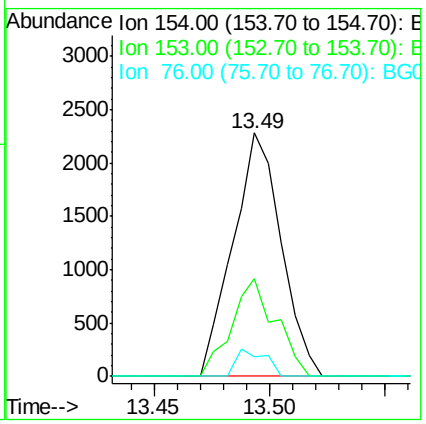




#45
1,1'-Biphenyl
Concen: 0.82 ng
RT: 13.49 min Scan# 1813
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:154 Resp: 3309

Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.6	60.6
76	8.1	0.0	32.2



Instrument :
BNA_G
ClientSampleId :
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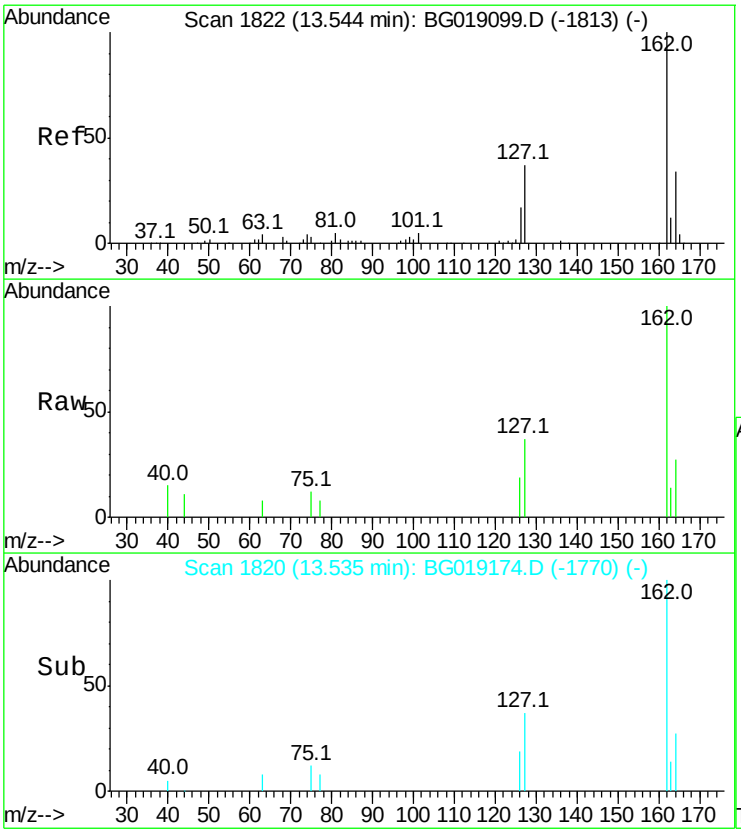
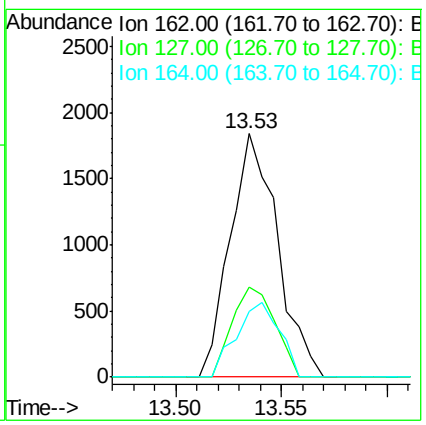
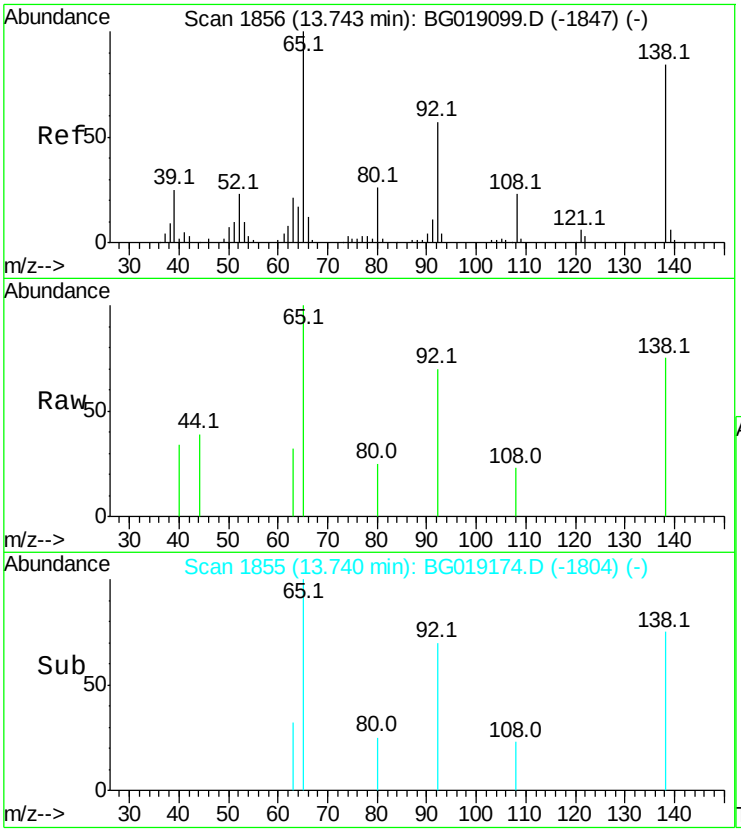


#46
2-Chloronaphthalene
Concen: 0.92 ng
RT: 13.53 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:162 Resp: 2853

Ion	Ratio	Lower	Upper
162	100		
127	37.2	32.2	48.4
164	26.8	27.3	40.9#

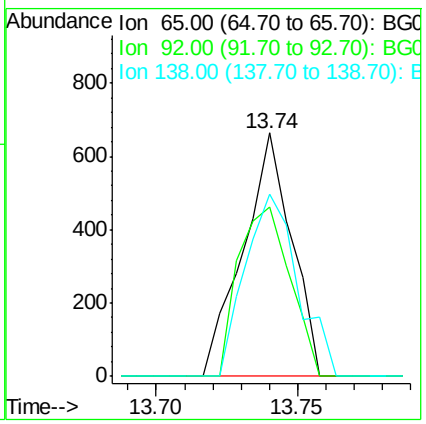




#47
2-Nitroaniline
Concen: 0.63 ng
RT: 13.74 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 65 Resp: 789

Ion	Ratio	Lower	Upper
65	100		
92	69.7	45.8	68.8#
138	75.0	66.9	100.3



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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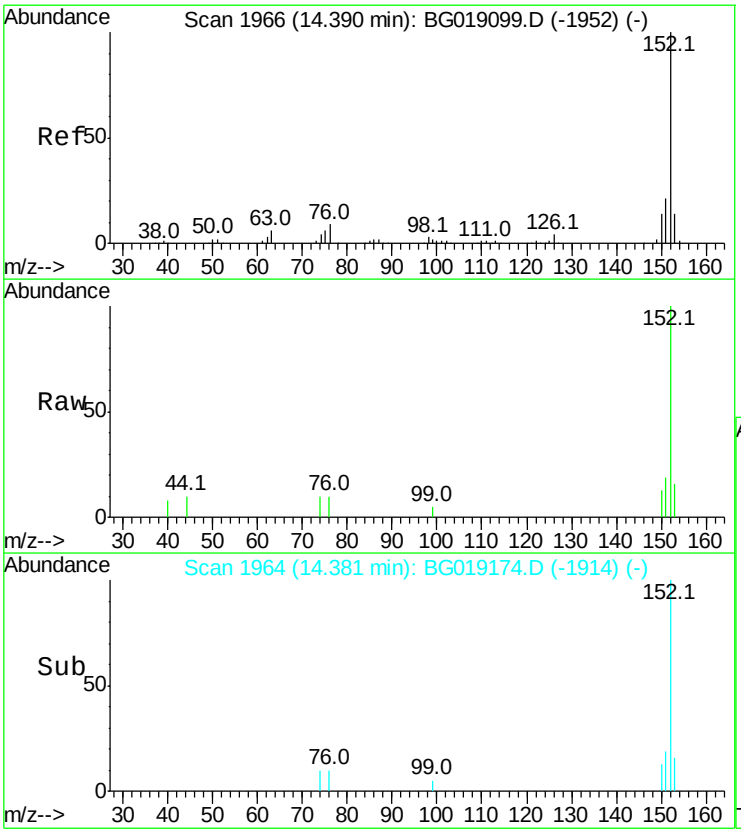
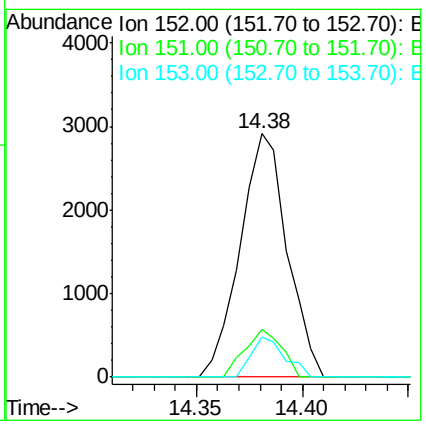
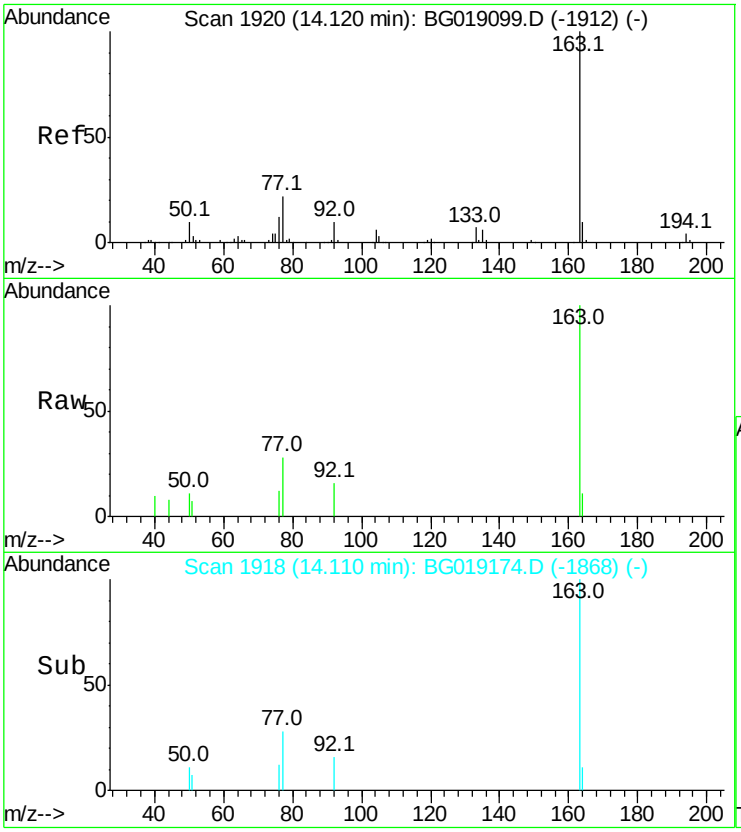


#48
Acenaphthylene
Concen: 0.82 ng
RT: 14.38 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:152 Resp: 4504

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.8	25.2
153	16.3	11.0	16.4





#49
Dimethylphthalate
Concen: 0.80 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:163 Resp: 3514

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	11.4	8.1	12.1

Instrument :
BNA_G
ClientSampleId :
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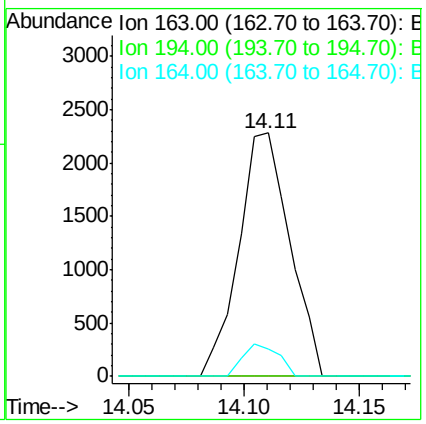
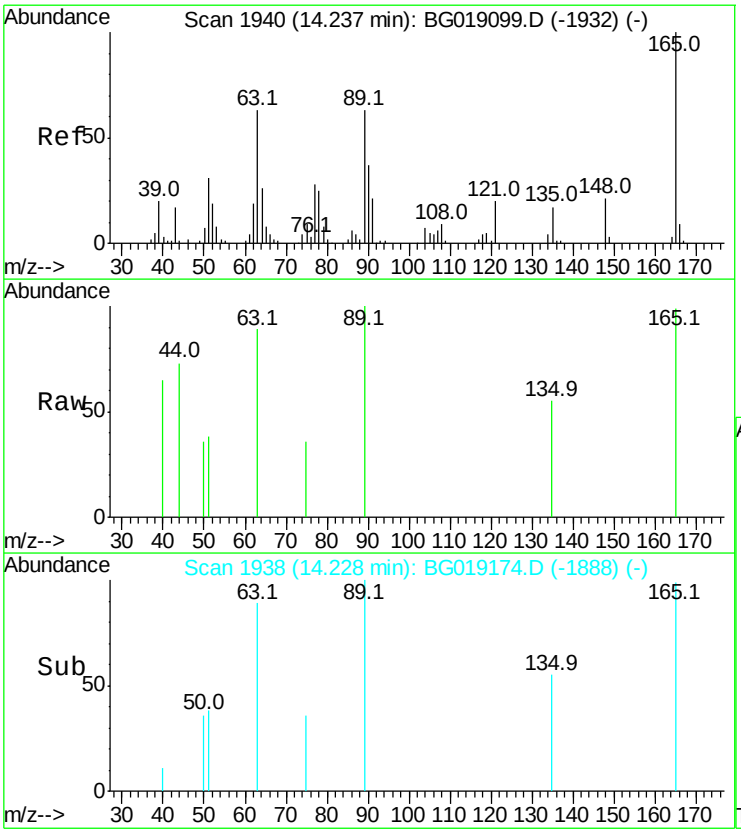
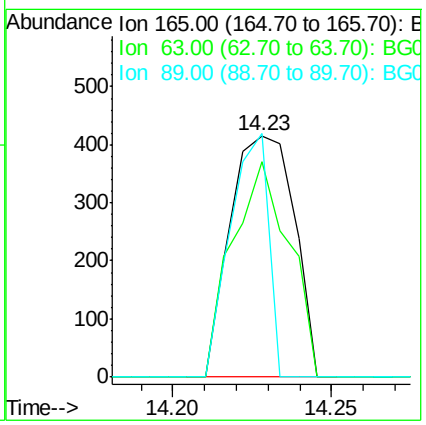


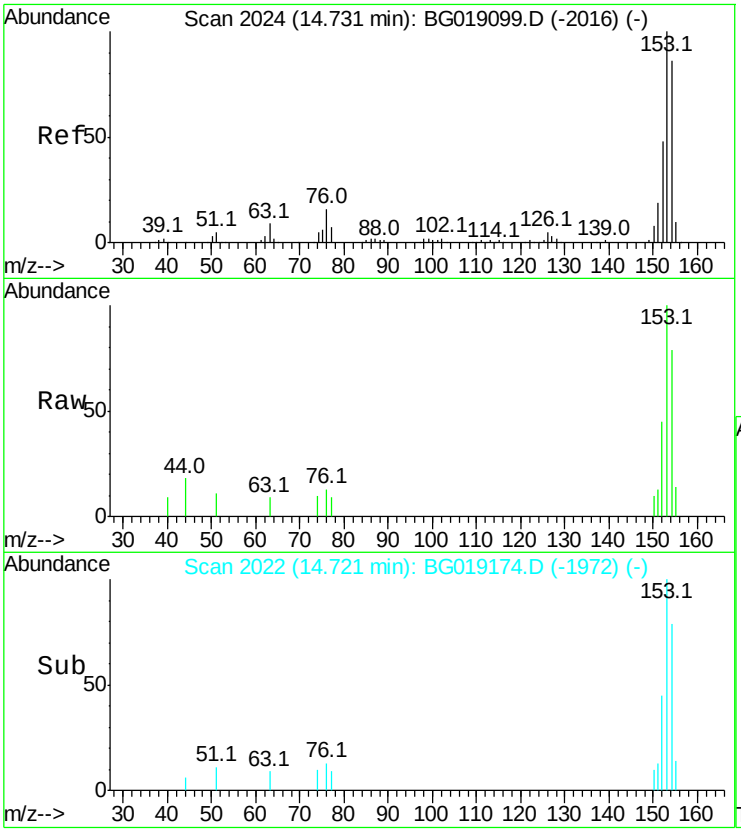


#50
2,6-Dinitrotoluene
Concen: 0.62 ng
RT: 14.23 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:165 Resp: 580

Ion	Ratio	Lower	Upper
165	100		
63	89.4	52.6	78.8#
89	101.0	50.6	76.0#

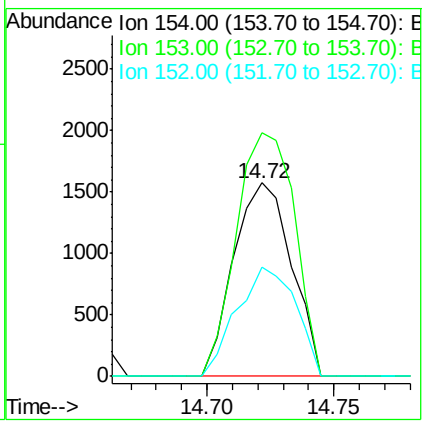




#51
Acenaphthene
Concen: 0.76 ng
RT: 14.72 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:154 Resp: 2503

Ion	Ratio	Lower	Upper
154	100		
153	126.0	93.4	140.2
152	56.6	44.9	67.3



Instrument :
BNA_G
ClientSampleId :
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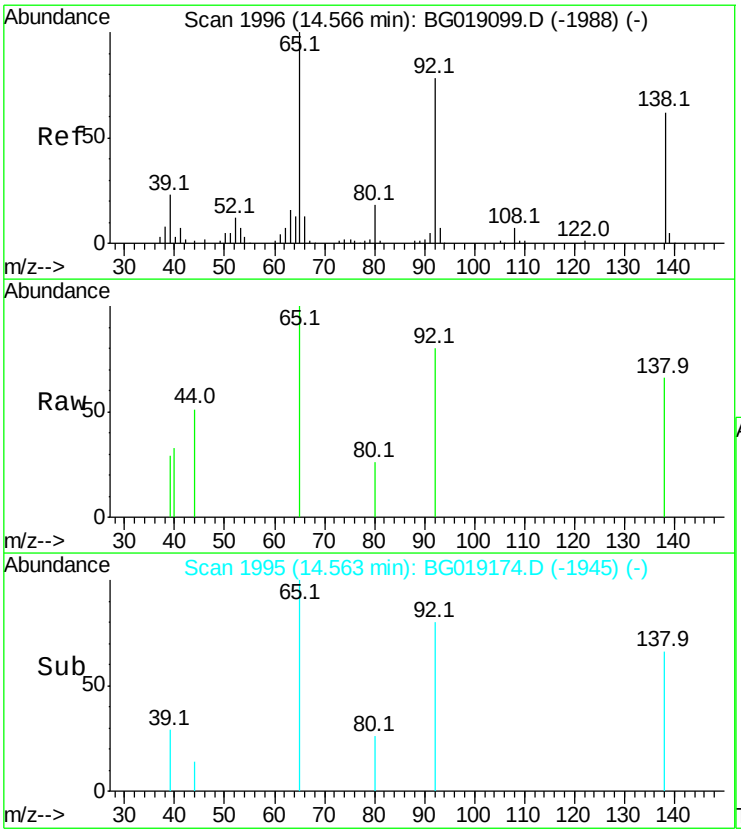
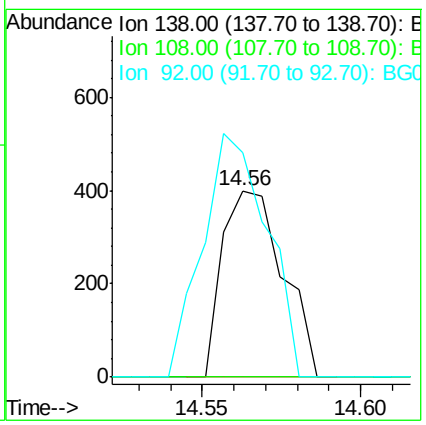
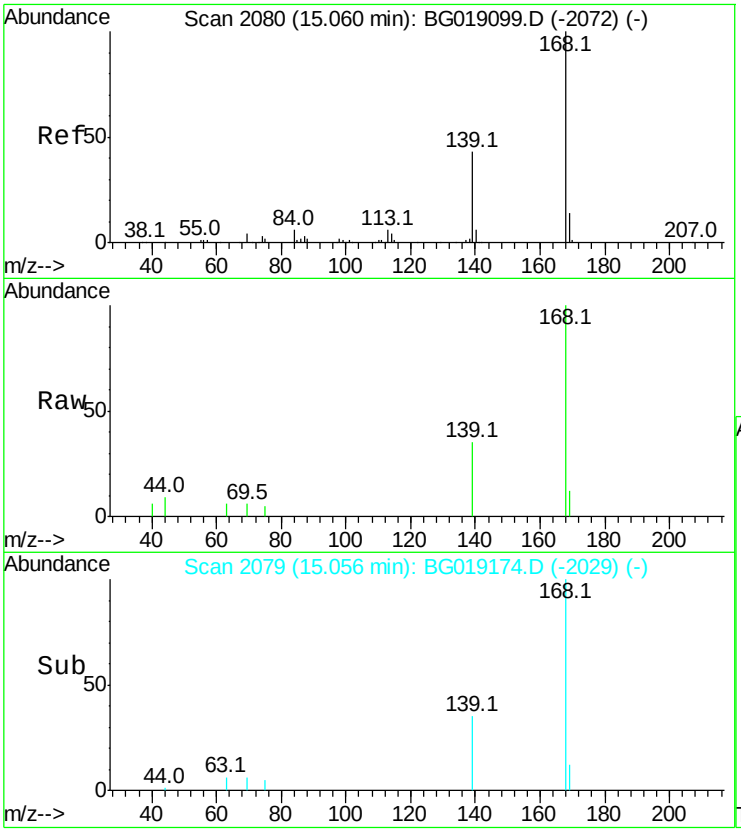


#52
3-Nitroaniline
Concen: 0.51 ng
RT: 14.56 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:138 Resp: 528

Ion	Ratio	Lower	Upper
138	100		
108	0.0	8.6	13.0#
92	120.8	101.4	152.0





#54
Dibenzofuran
Concen: 0.89 ng
RT: 15.06 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:168 Resp: 4345

Ion	Ratio	Lower	Upper
168	100		
139	35.2	34.2	51.4
169	11.6	11.4	17.0

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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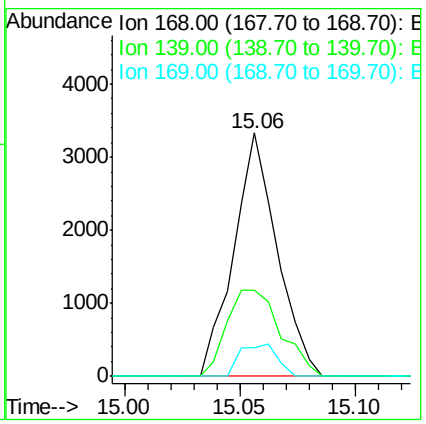
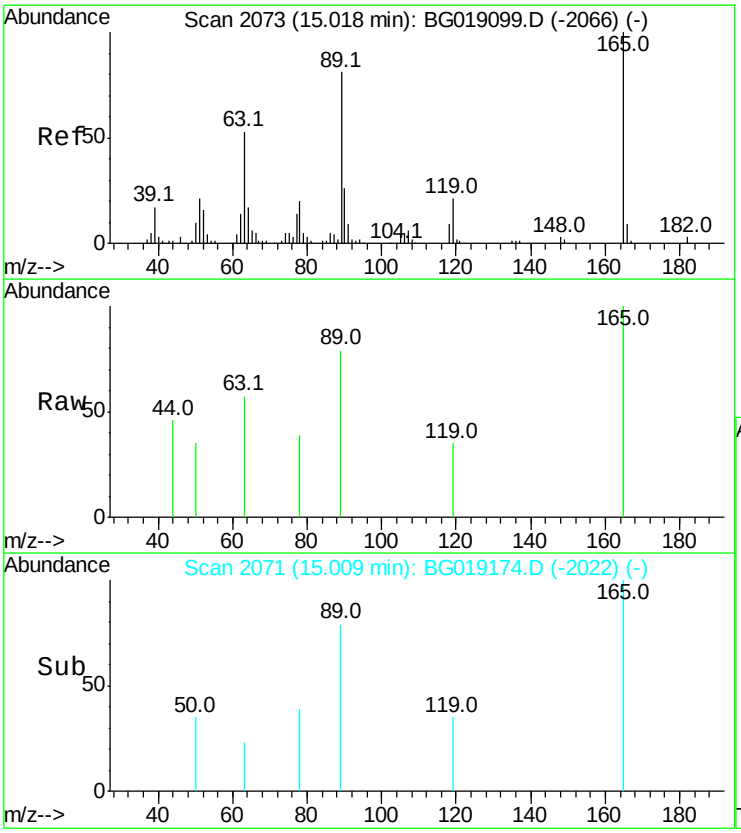
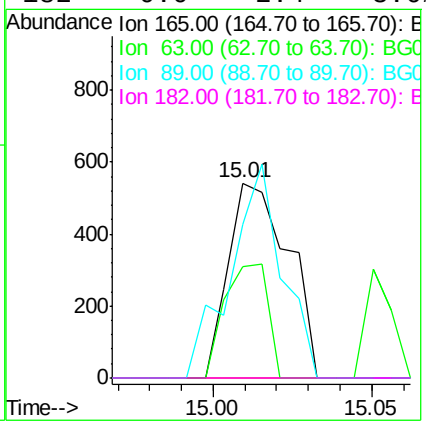


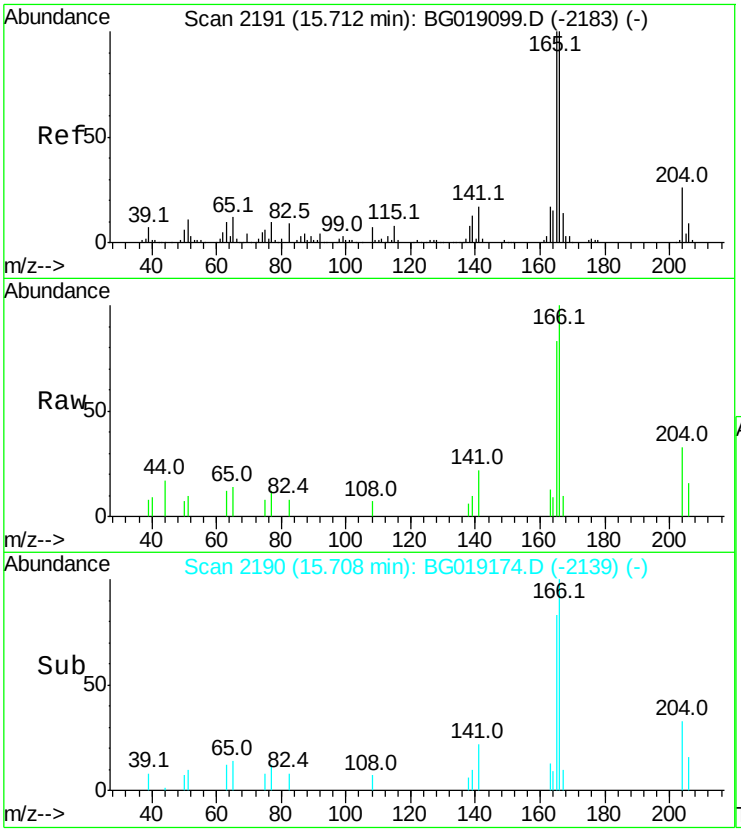


#56
2,4-Dinitrotoluene
Concen: 0.52 ng
RT: 15.01 min Scan# 2071
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:165 Resp: 709

Ion	Ratio	Lower	Upper
165	100		
63	57.5	42.2	63.2
89	79.1	64.8	97.2
182	0.0	2.4	3.6#

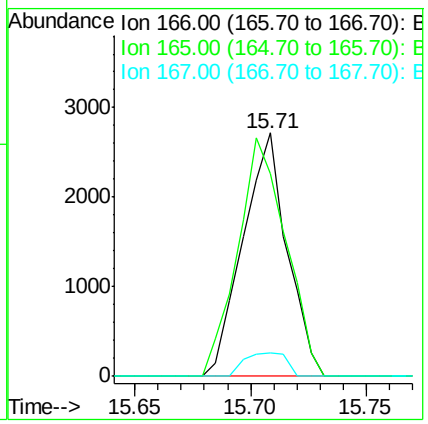




#57
Fluorene
Concen: 0.86 ng
RT: 15.71 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:166 Resp: 3624

Ion	Ratio	Lower	Upper
166	100		
165	83.0	80.2	120.2
167	9.6	11.4	17.0#



Instrument :
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ClientSampleId :
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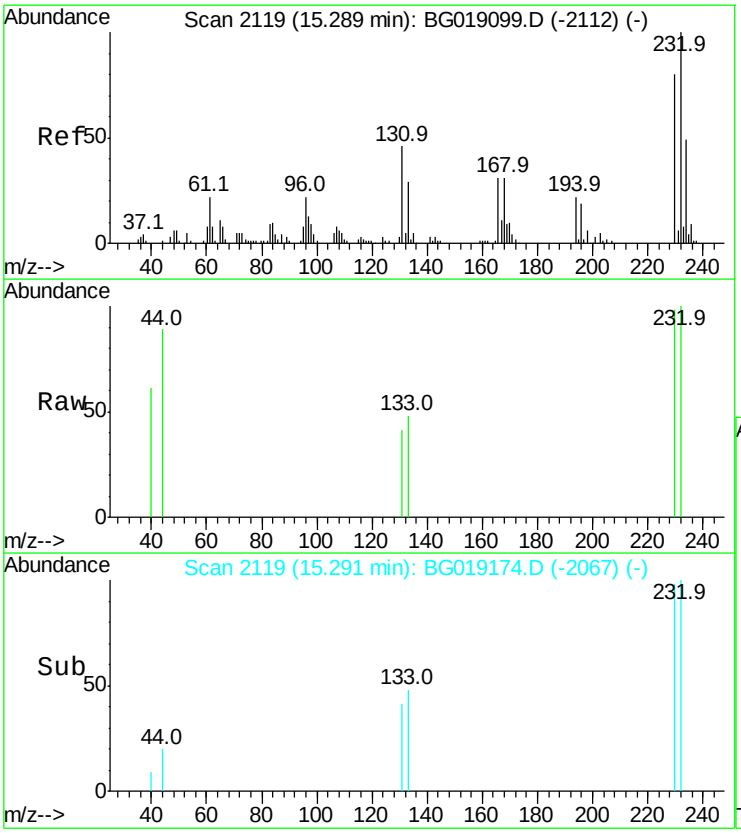
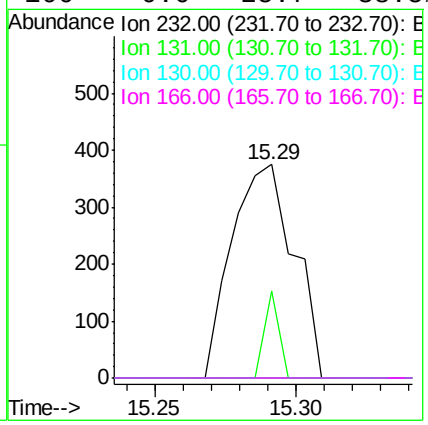
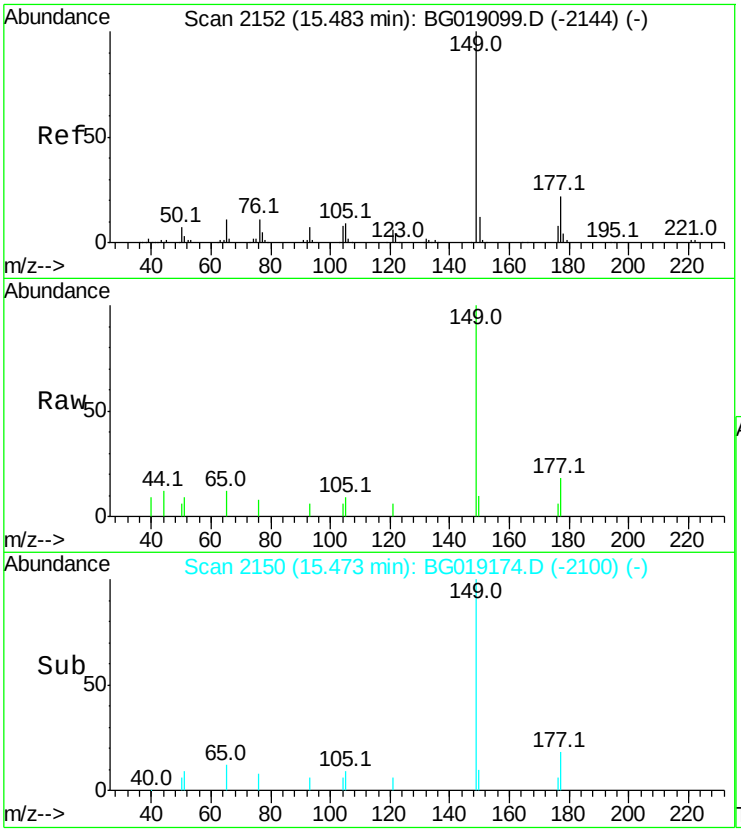


#58
2,3,4,6-Tetrachlorophenol
Concen: 0.51 ng
RT: 15.29 min Scan# 2119
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:232 Resp: 571

Ion	Ratio	Lower	Upper
232	100		
131	9.5	36.5	54.7#
130	0.0	2.3	3.5#
166	0.0	25.7	38.5#





#59
Diethylphthalate
Concen: 0.79 ng
RT: 15.47 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 3603

Ion	Ratio	Lower	Upper
149	100		
177	17.6	17.7	26.5#
150	10.1	9.4	14.2

Instrument :
BNA_G
ClientSampleId :
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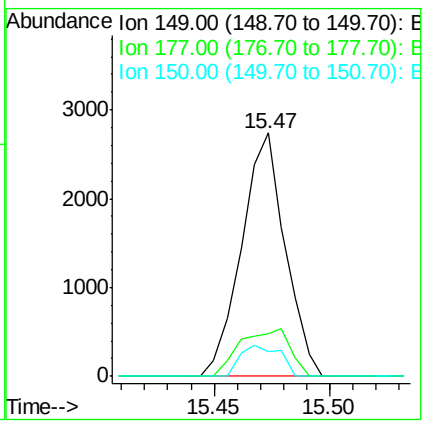
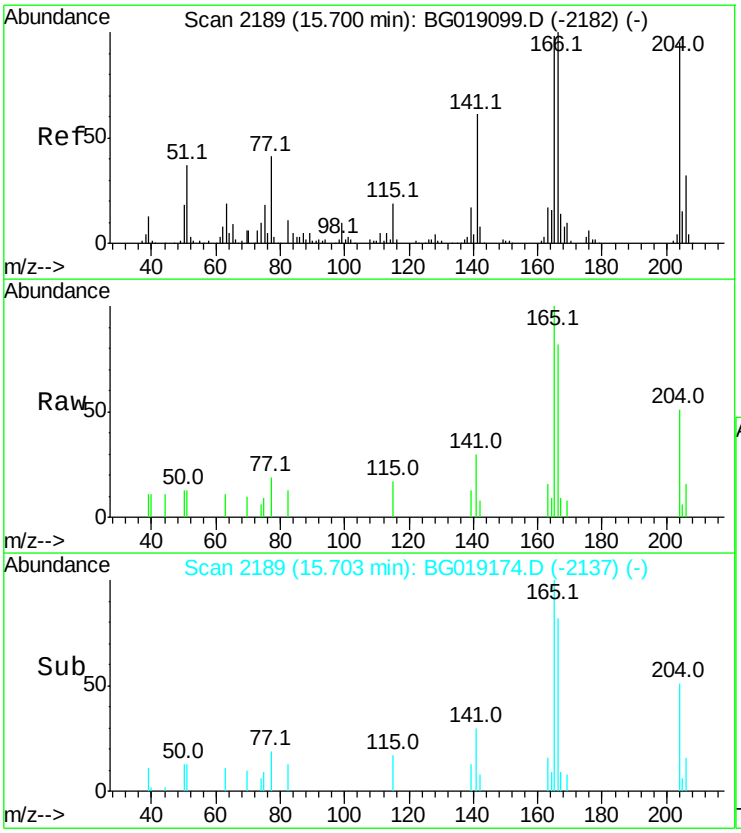
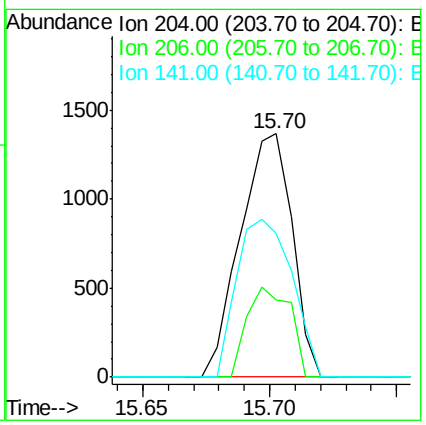


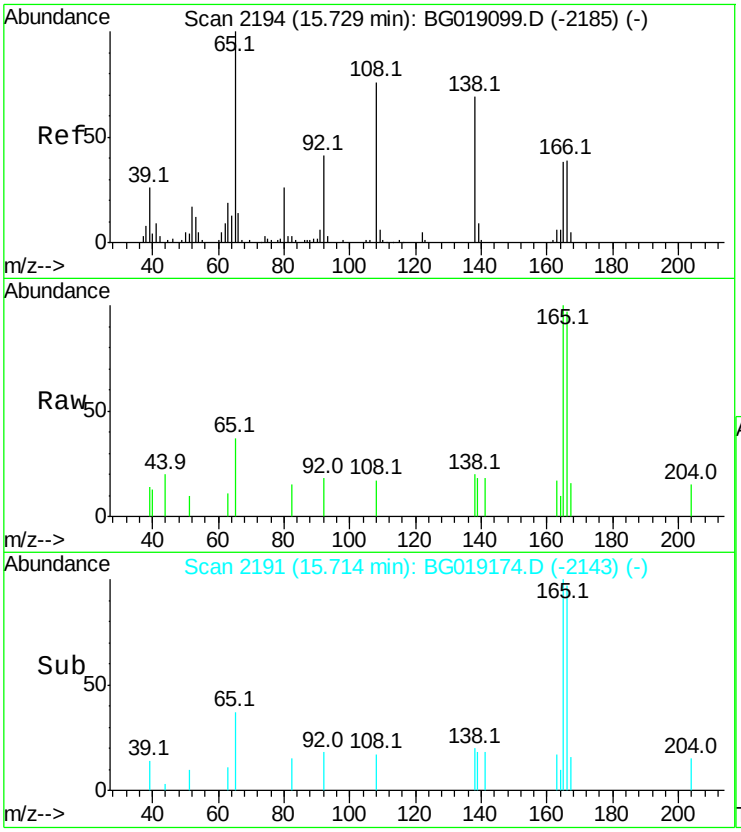


#60
4-Chlorophenyl-phenylether
Concen: 0.91 ng
RT: 15.70 min Scan# 2189
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:204 Resp: 1954

Ion	Ratio	Lower	Upper
204	100		
206	31.5	27.0	40.4
141	59.1	51.9	77.9

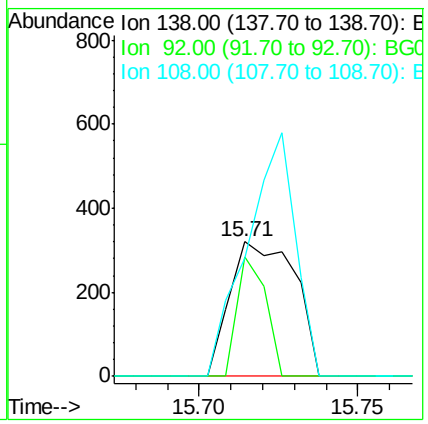




#61
4-Nitroaniline
Concen: 0.40 ng
RT: 15.71 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:138 Resp: 454

Ion	Ratio	Lower	Upper
138	100		
92	88.8	39.0	79.0#
108	87.5	90.8	130.8#



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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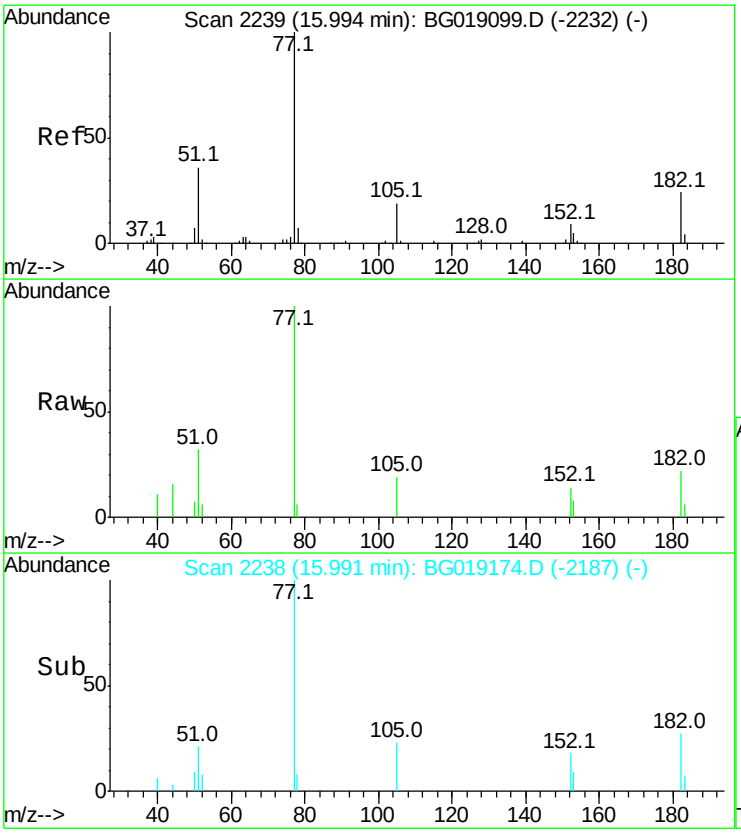
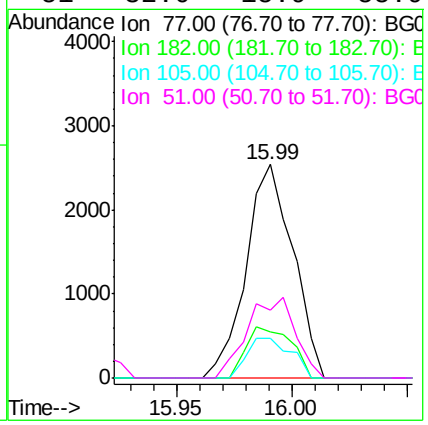
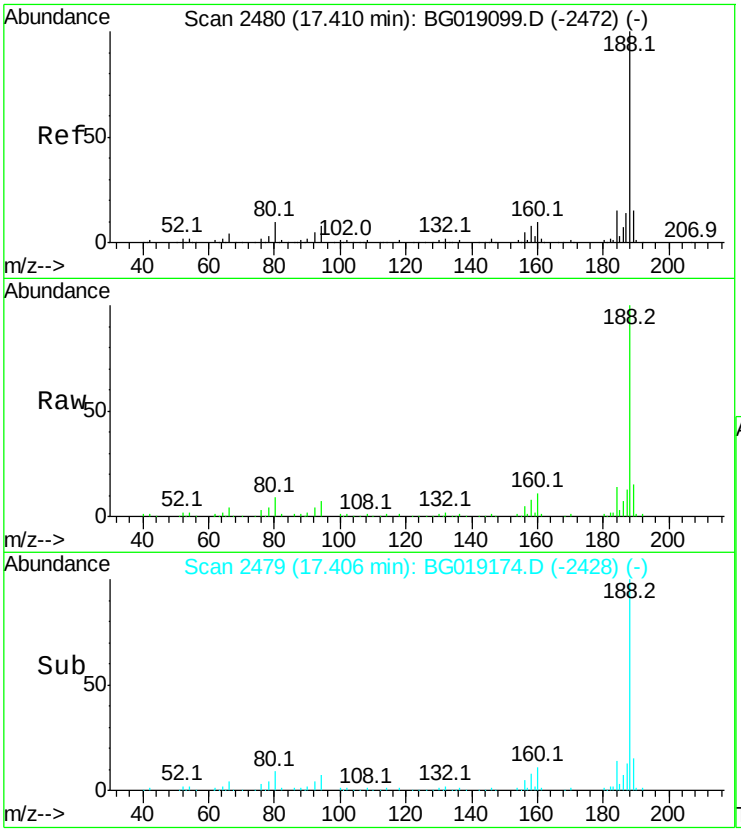


#62
Azobenzene
Concen: 0.85 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion: 77 Resp: 3586

Ion	Ratio	Lower	Upper
77	100		
182	21.8	4.4	44.4
105	18.7	0.0	39.1
51	32.0	15.9	55.9





#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:188 Resp: 148947

Ion	Ratio	Lower	Upper
188	100		
94	6.9	6.4	9.6
80	8.9	7.6	11.4

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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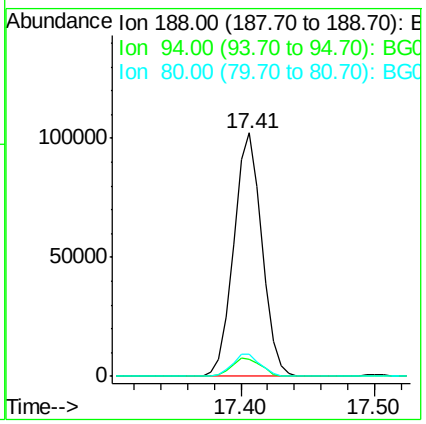
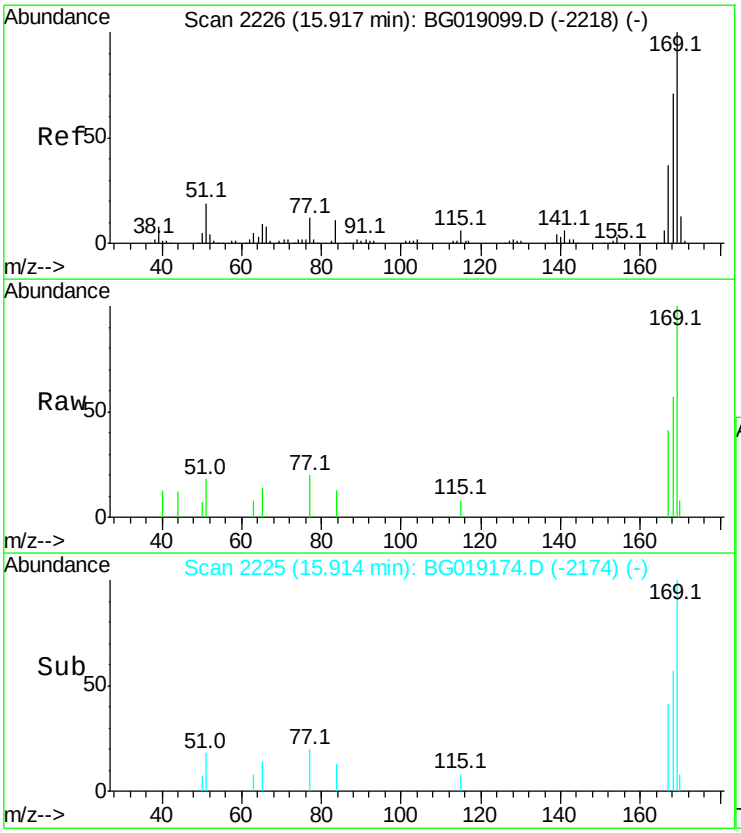
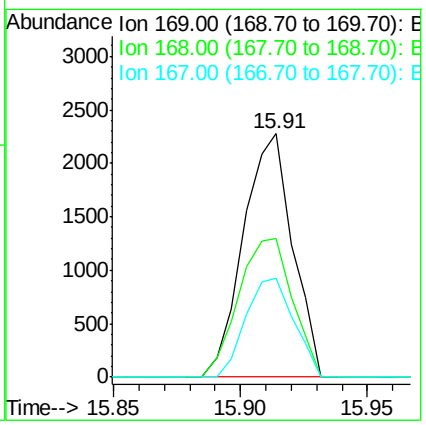


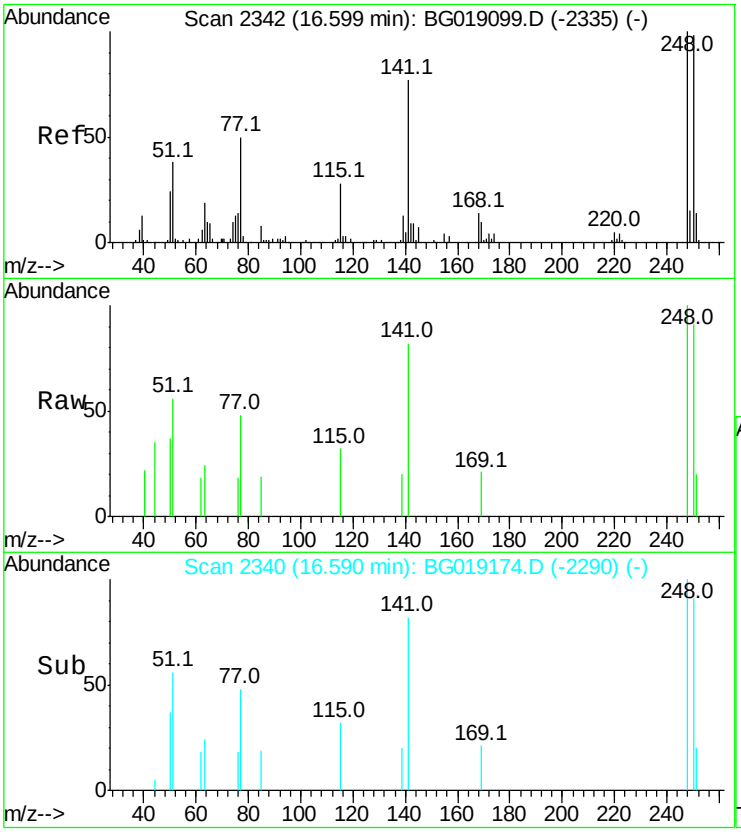


#65
n-Nitrosodiphenylamine
Concen: 0.75 ng
RT: 15.91 min Scan# 2225
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:169 Resp: 3077

Ion	Ratio	Lower	Upper
169	100		
168	57.2	56.6	84.8
167	40.8	30.0	45.0

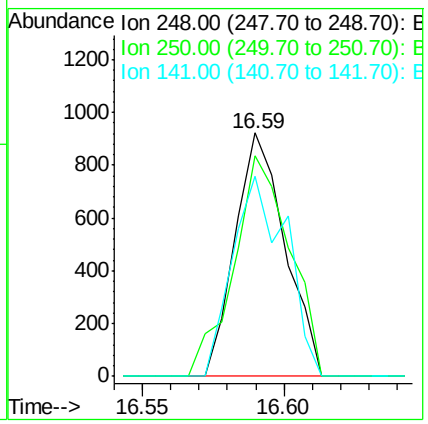




#66
4-Bromophenyl-phenylether
Concen: 0.74 ng
RT: 16.59 min Scan# 2340
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:248 Resp: 1126

Ion	Ratio	Lower	Upper
248	100		
250	90.8	78.4	117.6
141	82.2	61.7	92.5



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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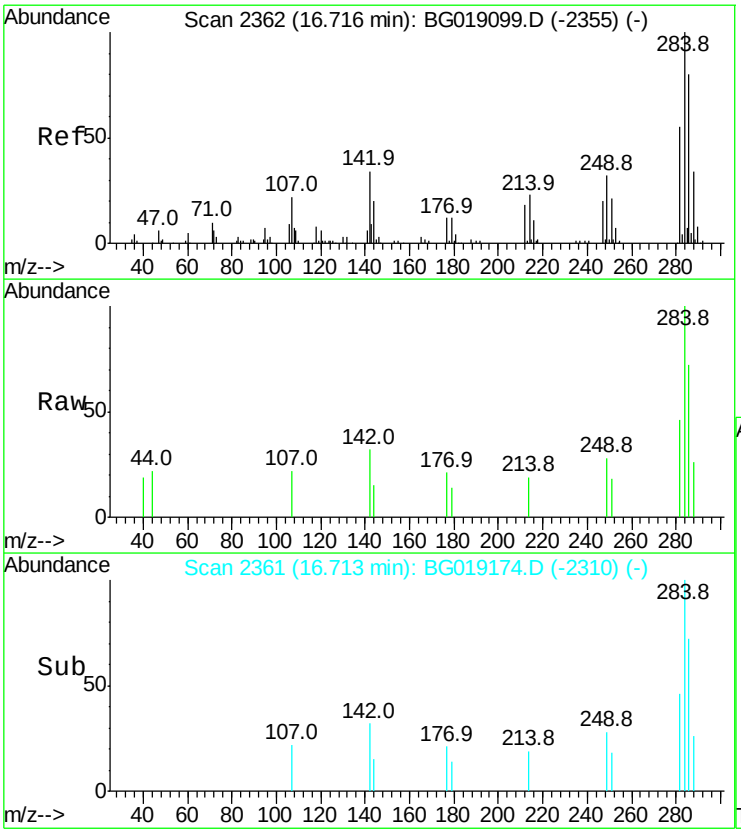
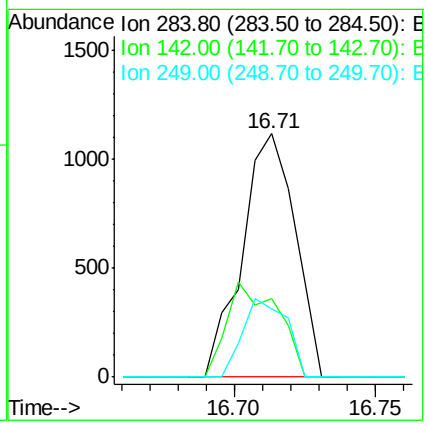
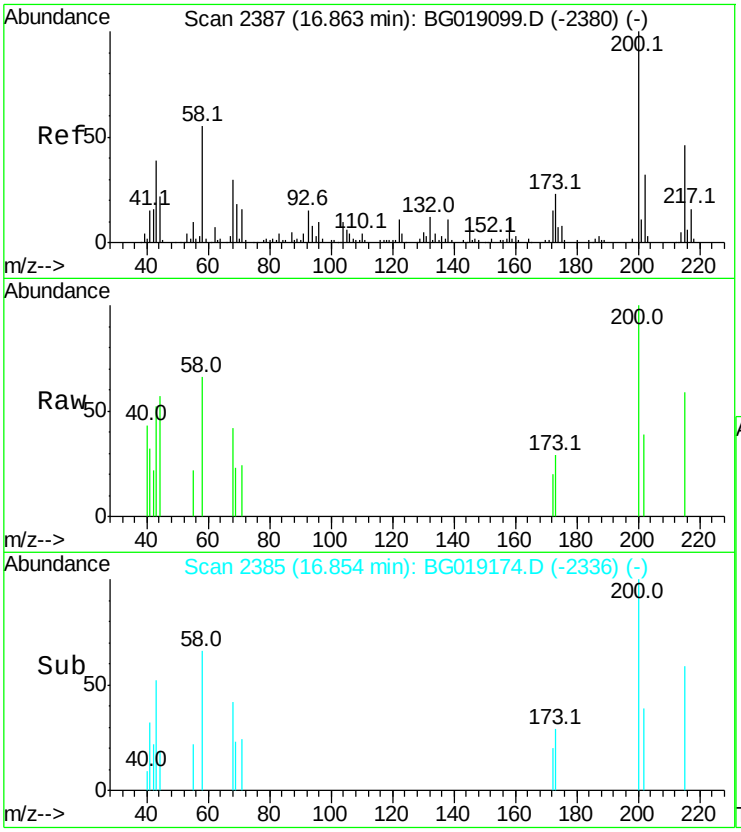


#67
Hexachlorobenzene
Concen: 0.82 ng
RT: 16.71 min Scan# 2361
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:284 Resp: 1449

Ion	Ratio	Lower	Upper
284	100		
142	32.0	27.0	40.4
249	28.0	25.4	38.2

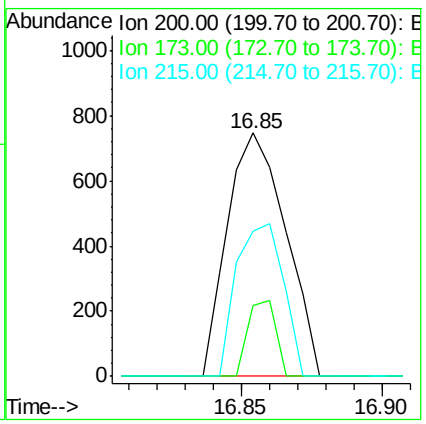




#68
Atrazine
Concen: 0.63 ng
RT: 16.85 min Scan# 2385
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:200 Resp: 1070

Ion	Ratio	Lower	Upper
200	100		
173	29.0	3.3	43.3
215	59.4	26.4	66.4



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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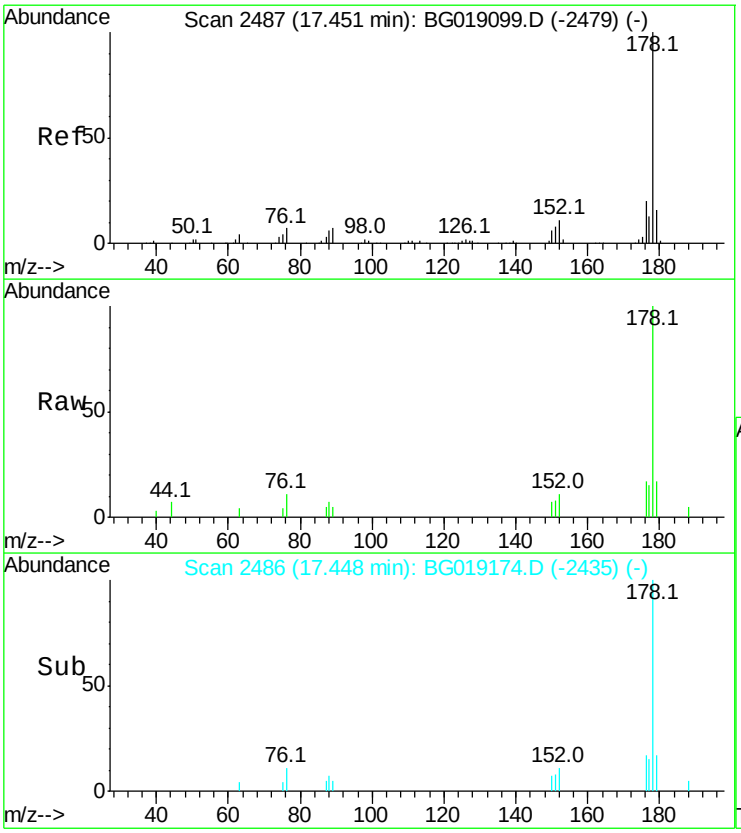
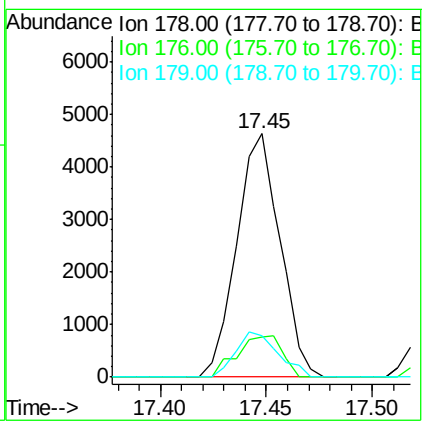
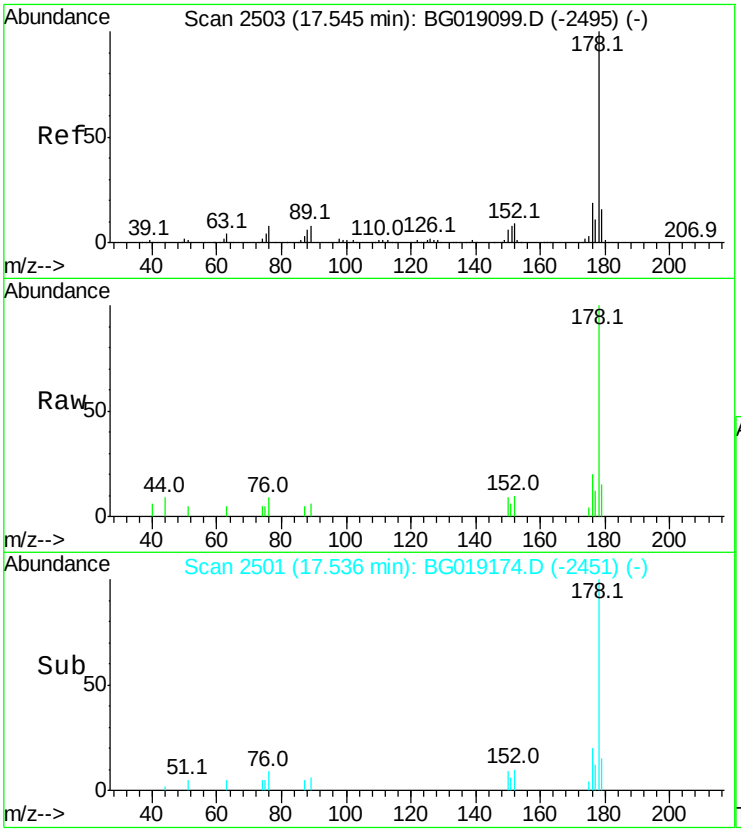


#70
Phenanthrene
Concen: 0.86 ng
RT: 17.45 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:178 Resp: 6566

Ion	Ratio	Lower	Upper
178	100		
176	16.7	16.3	24.5
179	17.0	12.8	19.2

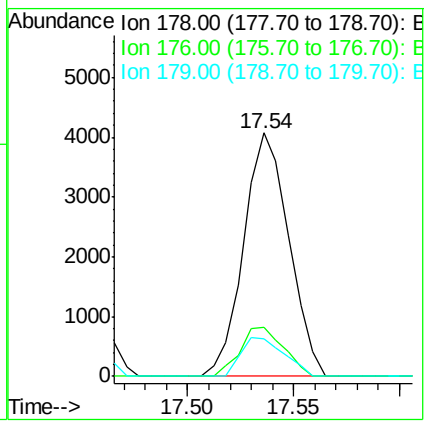




#71
Anthracene
Concen: 0.79 ng
RT: 17.54 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:178 Resp: 6050

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.5	23.3
179	15.5	12.9	19.3



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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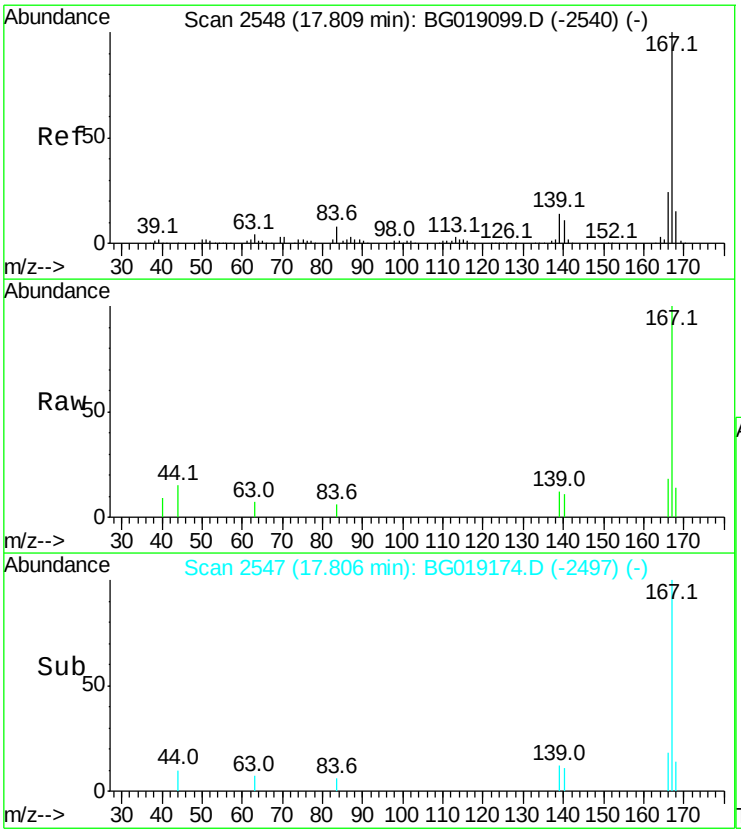
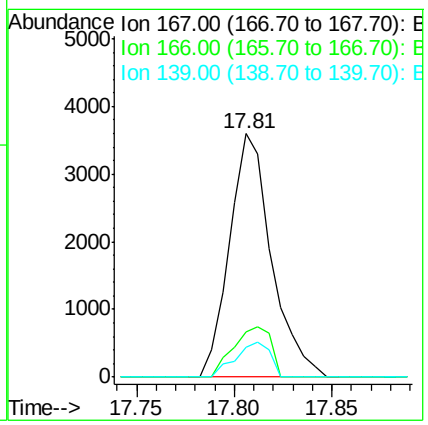
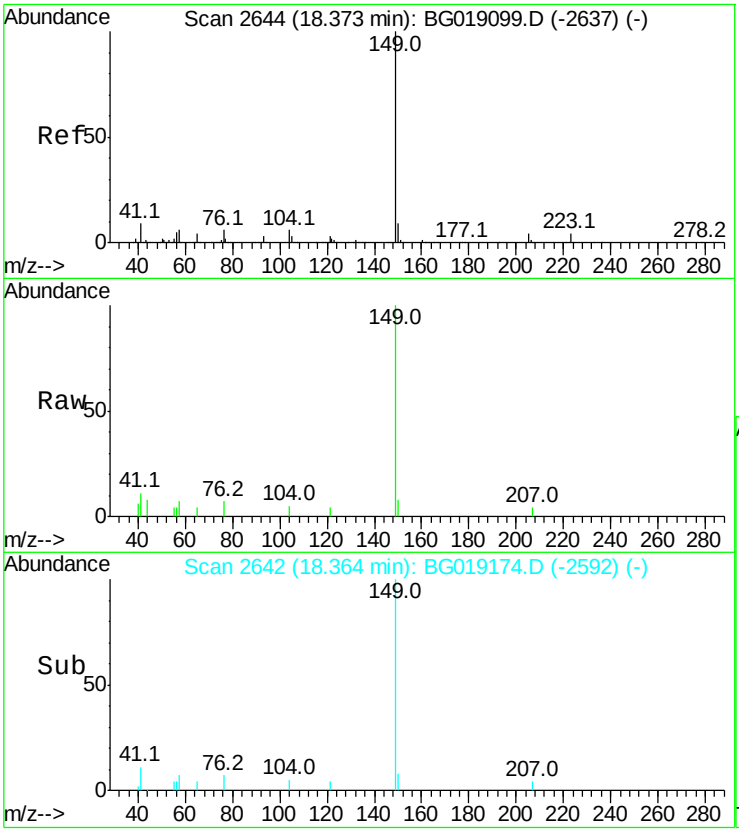


#72
Carbazole
Concen: 0.74 ng
RT: 17.81 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:167 Resp: 5338

Ion	Ratio	Lower	Upper
167	100		
166	18.3	19.1	28.7#
139	12.2	11.2	16.8





#73
Di-n-butylphthalate
Concen: 0.69 ng
RT: 18.36 min Scan# 2642
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 6049

Ion	Ratio	Lower	Upper
149	100		
150	8.1	7.5	11.3
104	4.9	5.0	7.6#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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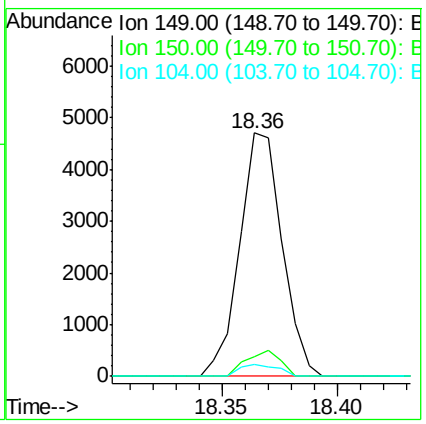
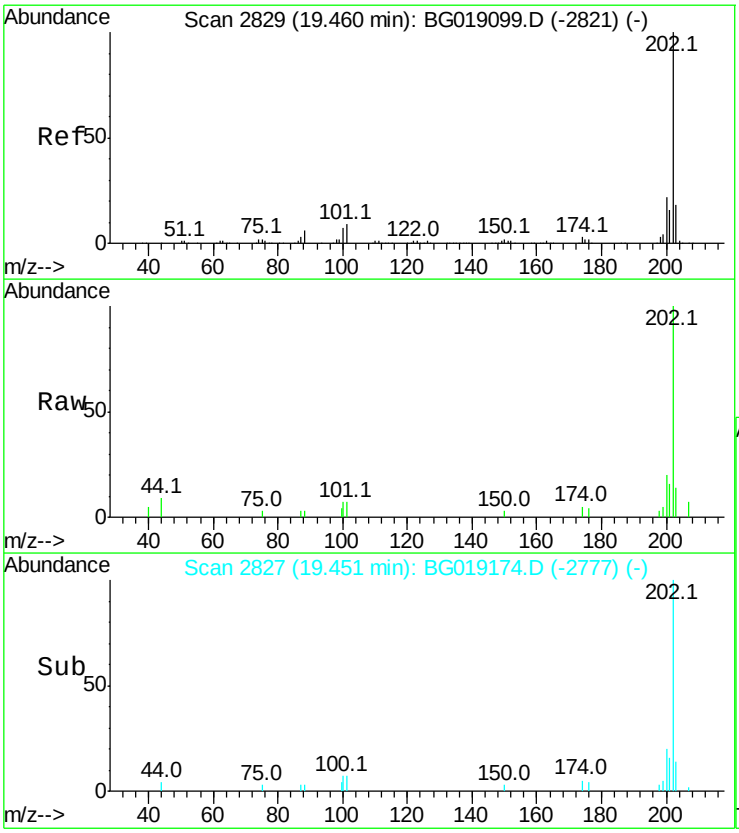
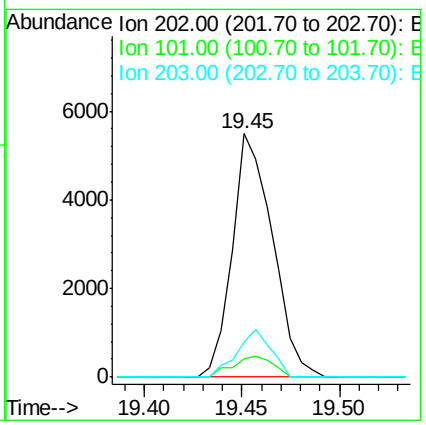


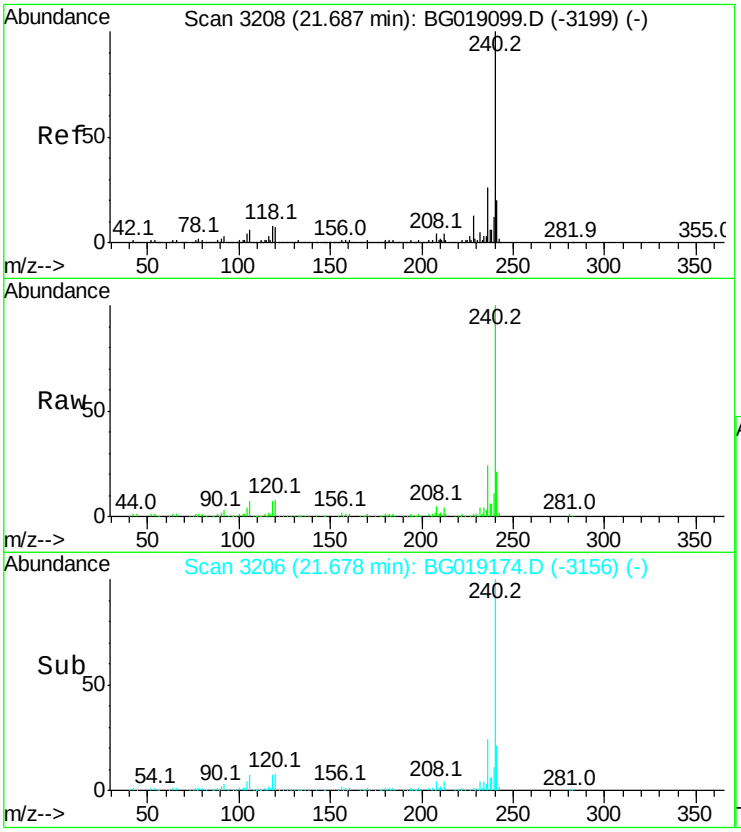


#74
Fluoranthene
Concen: 0.79 ng
RT: 19.45 min Scan# 2827
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:202 Resp: 7814

Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.9
203	14.4	0.0	38.0

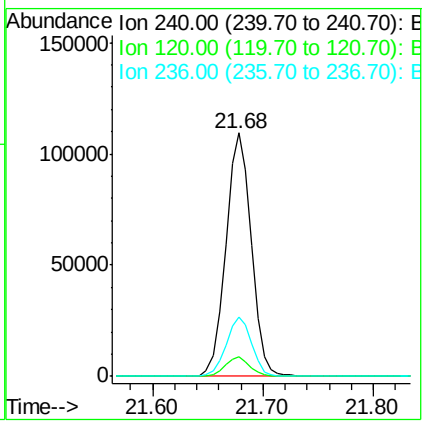




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:240 Resp: 176051

Ion	Ratio	Lower	Upper
240	100		
120	8.1	5.8	8.6
236	24.4	21.2	31.8



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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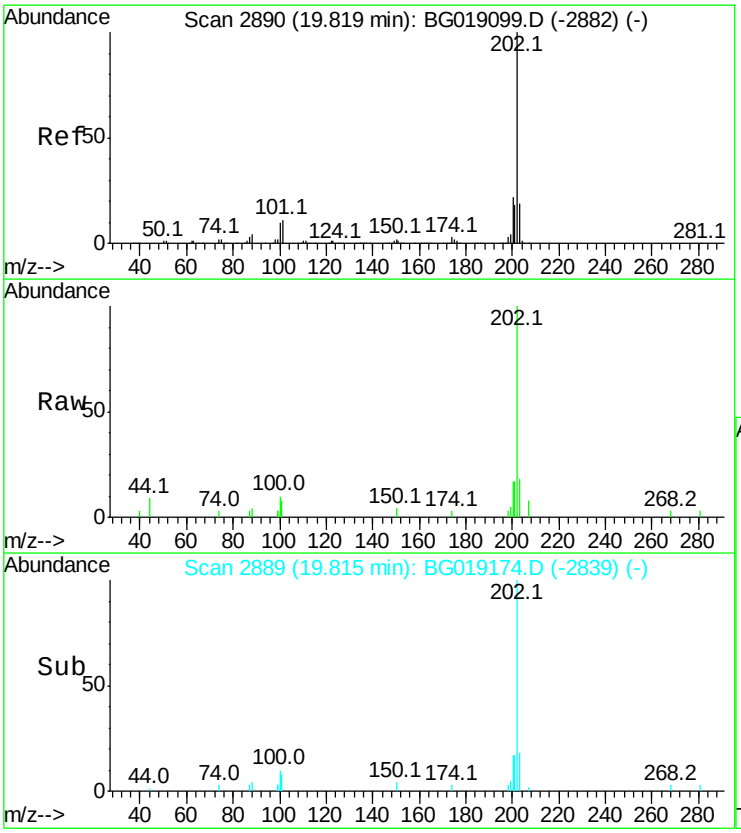
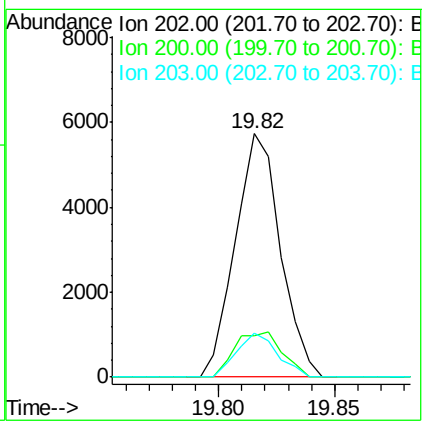
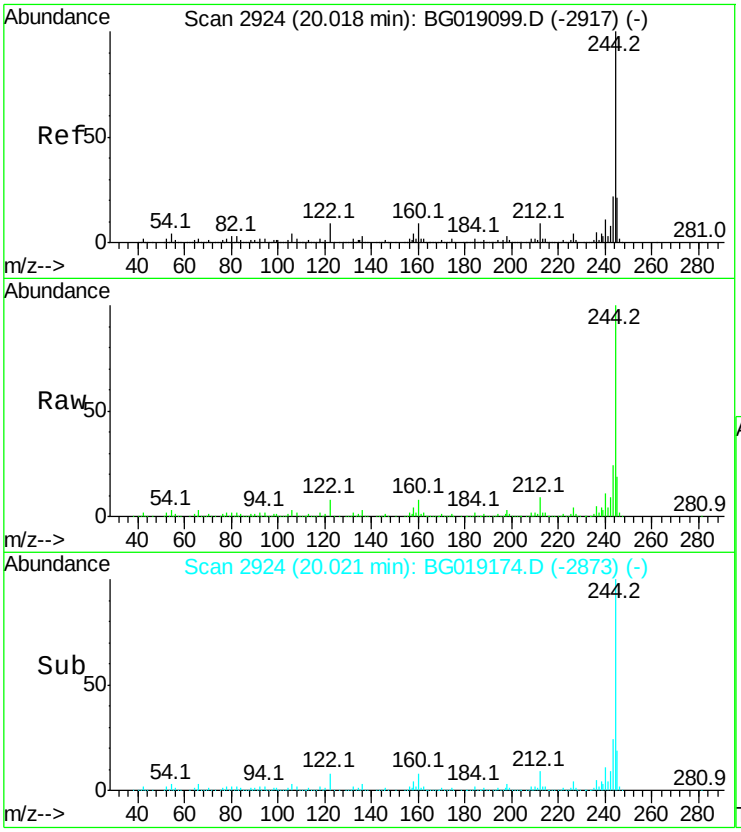


#77
Pyrene
Concen: 0.79 ng
RT: 19.82 min Scan# 2889
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:202 Resp: 7806

Ion	Ratio	Lower	Upper
202	100		
200	17.0	17.4	26.2#
203	18.1	14.8	22.2





#78
Terphenyl-d14
Concen: 83.75 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:244 Resp: 558179

Ion	Ratio	Lower	Upper
244	100		
212	8.7	6.8	10.2
122	7.8	7.4	11.2

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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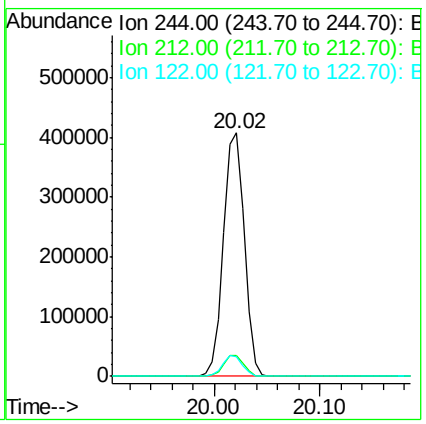
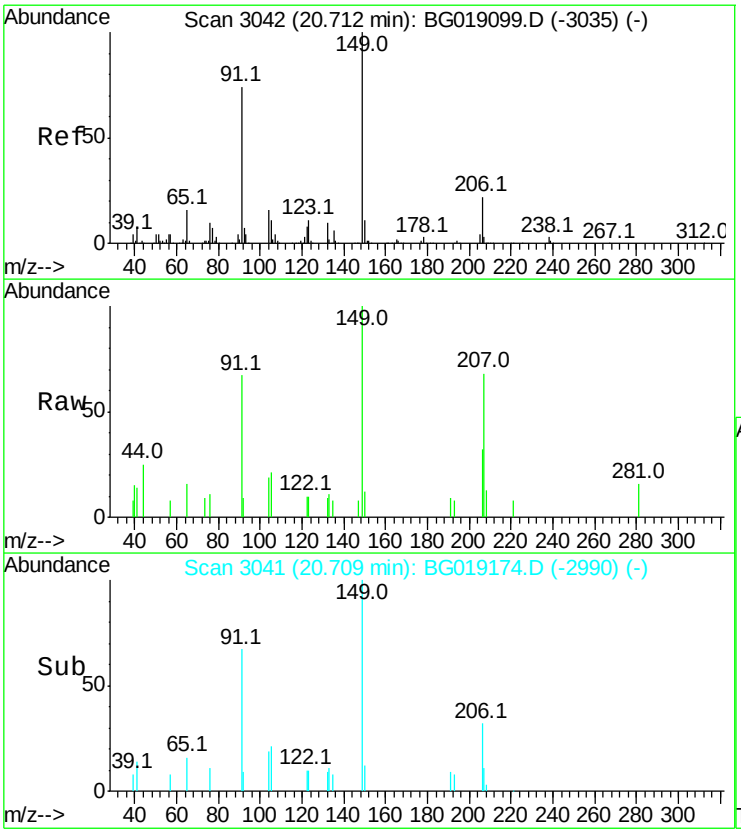
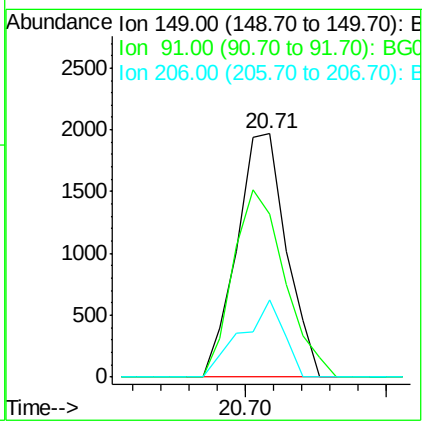


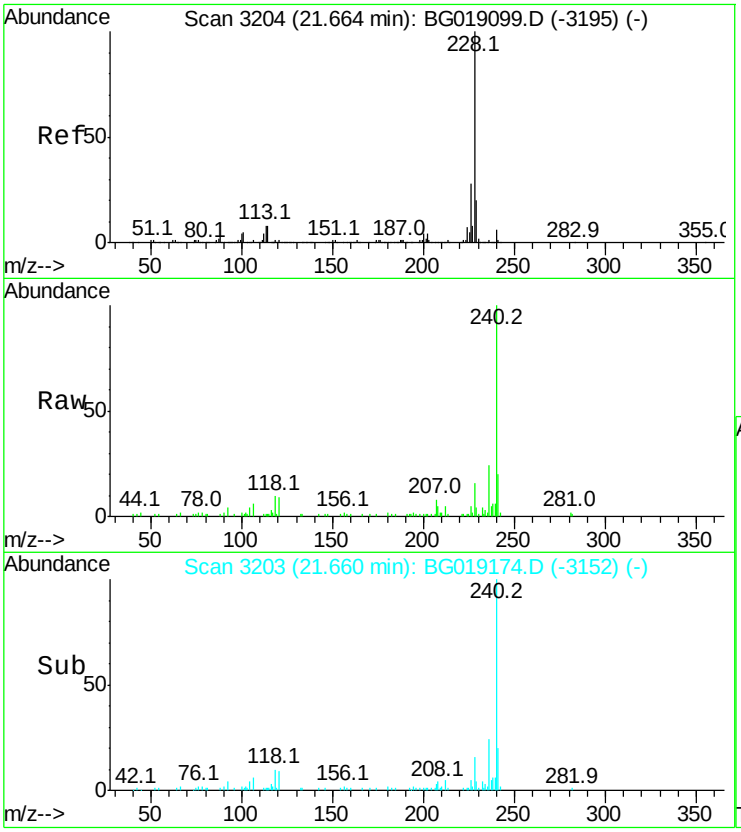


#79
Butylbenzylphthalate
Concen: 0.60 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 2394

Ion	Ratio	Lower	Upper
149	100		
91	66.9	59.2	88.8
206	31.8	17.5	26.3#





#80
Benzo(a)anthracene
Concen: 0.86 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:228 Resp: 8115

Ion	Ratio	Lower	Upper
228	100		
226	27.9	22.4	33.6
229	21.7	16.2	24.2

Instrument :
BNA_G
ClientSampleId :
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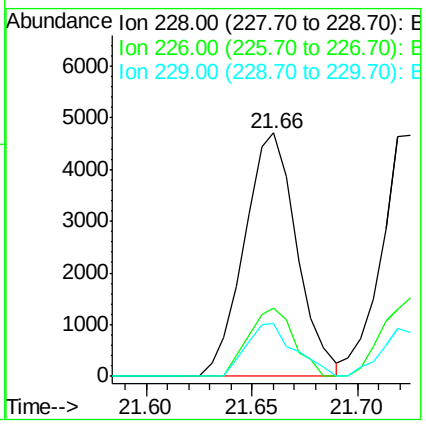
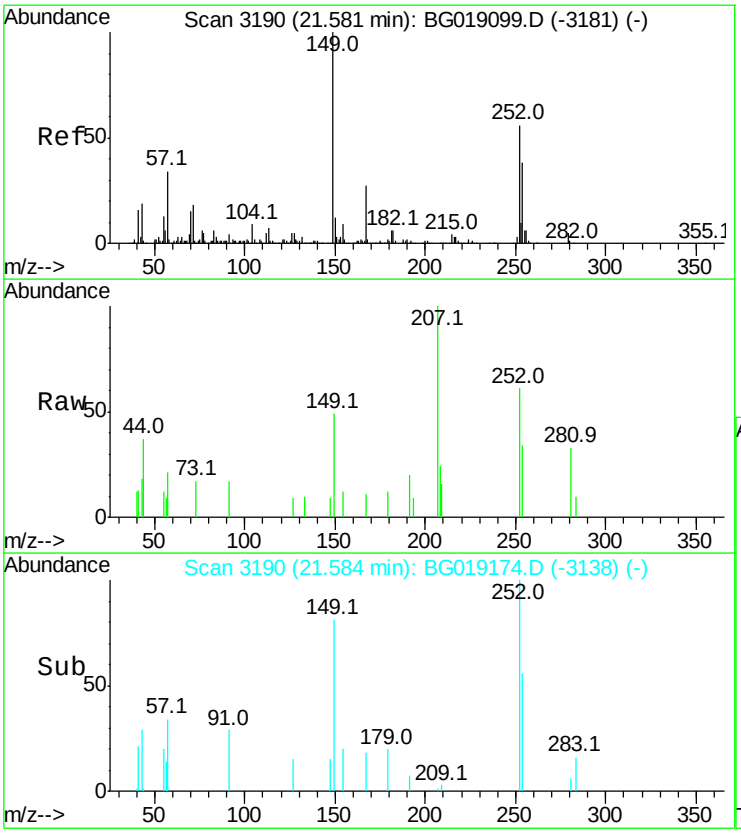
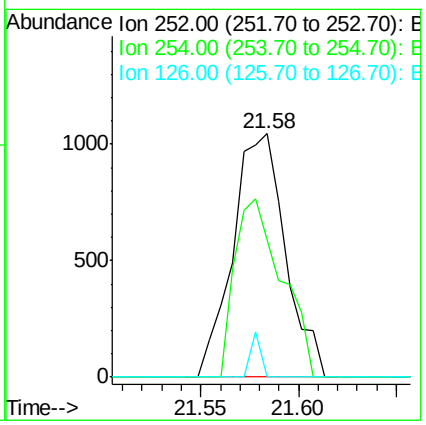


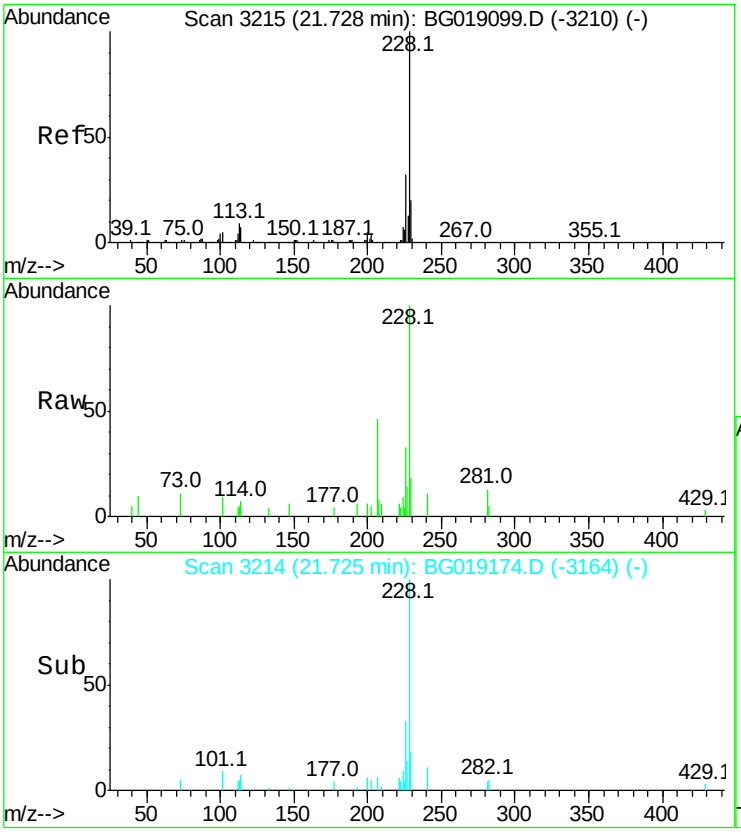


#81
3,3'-Dichlorobenzidine
Concen: 0.56 ng
RT: 21.58 min Scan# 3190
Delta R.T. 0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:252 Resp: 1944

Ion	Ratio	Lower	Upper
252	100		
254	56.3	53.9	80.9
126	0.0	7.0	10.6#





#82
Chrysene
Concen: 0.81 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:228 Resp: 7214

Ion	Ratio	Lower	Upper
228	100		
226	32.5	25.2	37.8
229	18.3	16.3	24.5

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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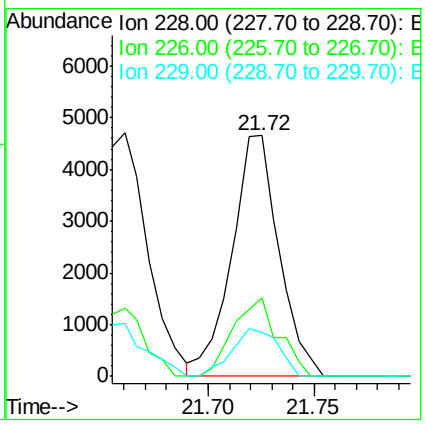
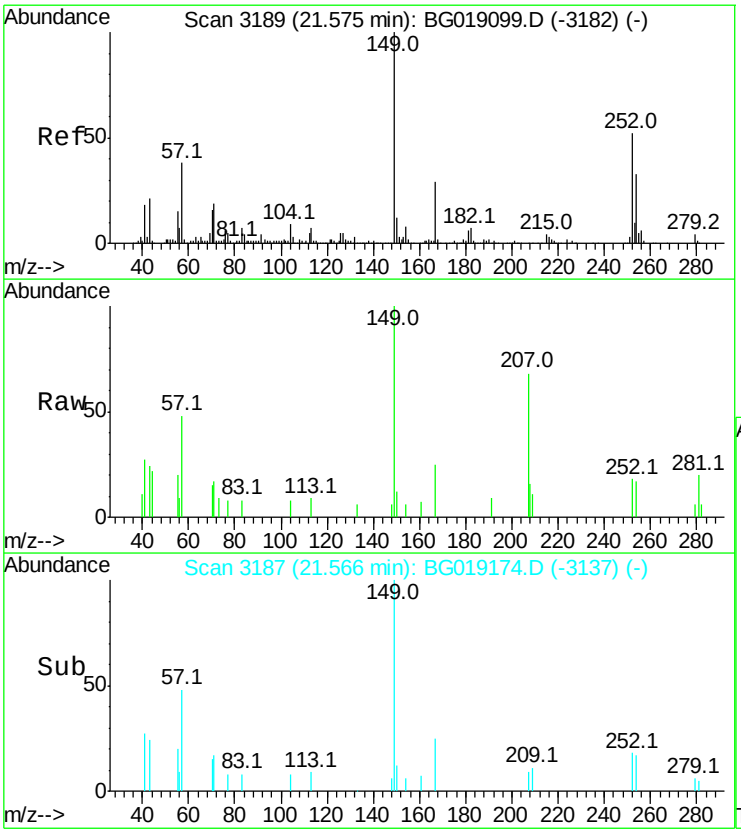
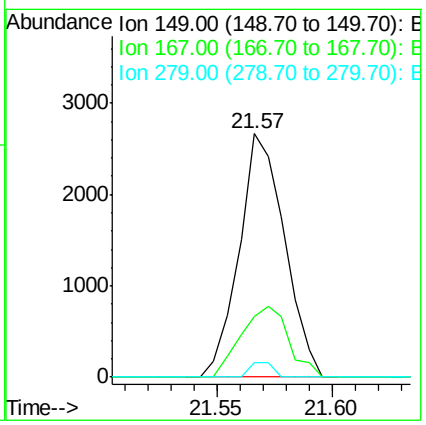


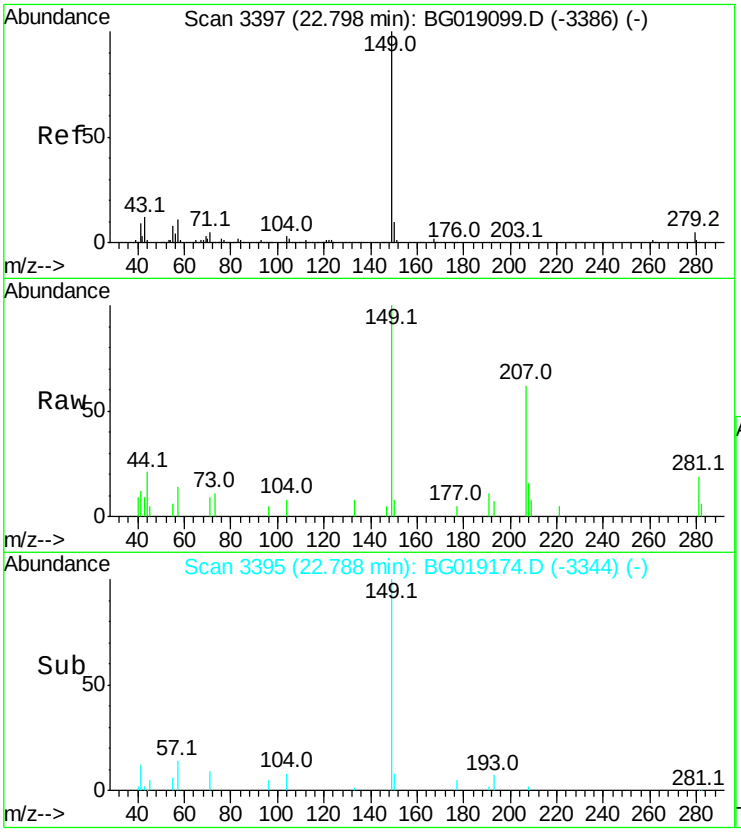


#83
Bis(2-ethylhexyl)phthalate
Concen: 0.65 ng
RT: 21.57 min Scan# 3187
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 3651

Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.8	34.2
279	5.9	3.6	5.4#





#84
Di-n-octyl phthalate
Concen: 0.64 ng
RT: 22.79 min Scan# 3395
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 6199

Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.3	1.9#
43	13.2	10.1	15.1

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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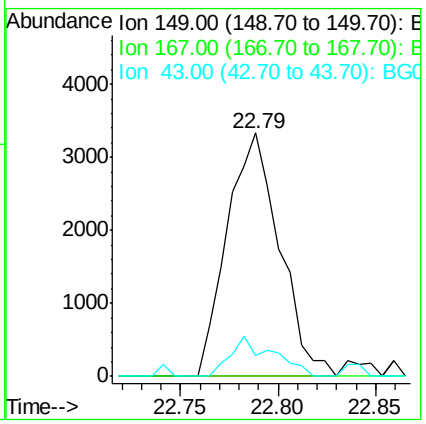
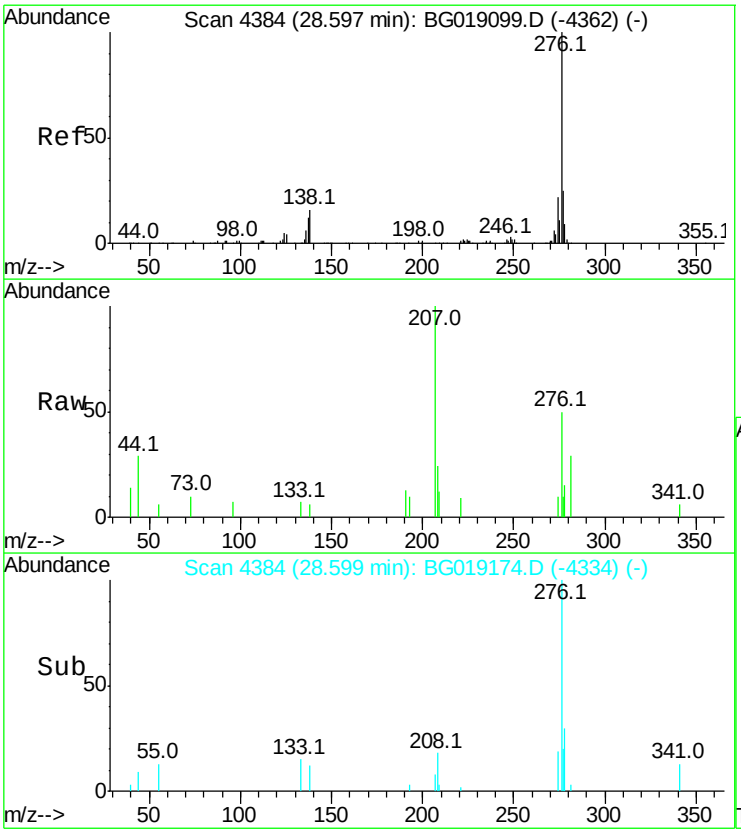
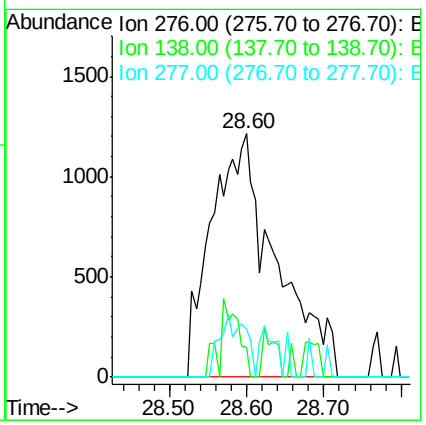


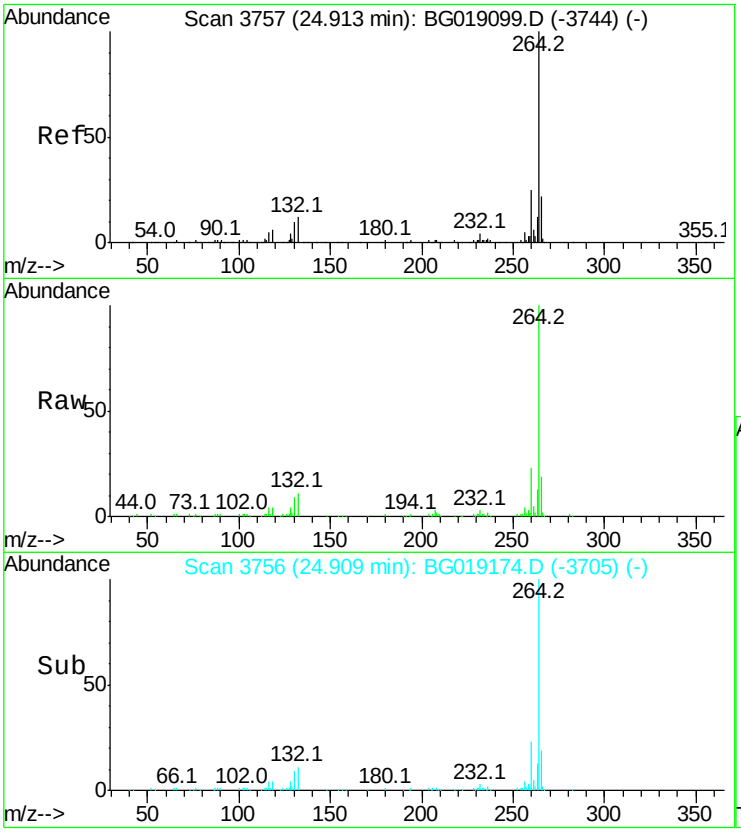


#85
Indeno(1,2,3-cd)pyrene
Concen: 0.64 ng m
RT: 28.60 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:276 Resp: 7019

Ion	Ratio	Lower	Upper
276	100		
138	0.0	10.2	15.4#
277	0.0	20.2	30.4#

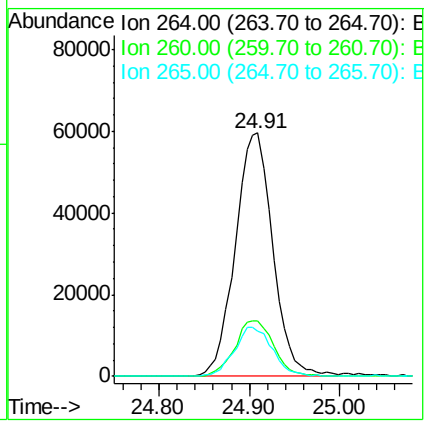




#86
Perylene-d12
Concen: 20.00 ng
RT: 24.91 min Scan# 3756
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:264 Resp: 171682

Ion	Ratio	Lower	Upper
264	100		
260	22.6	20.1	30.1
265	18.7	17.2	25.8



Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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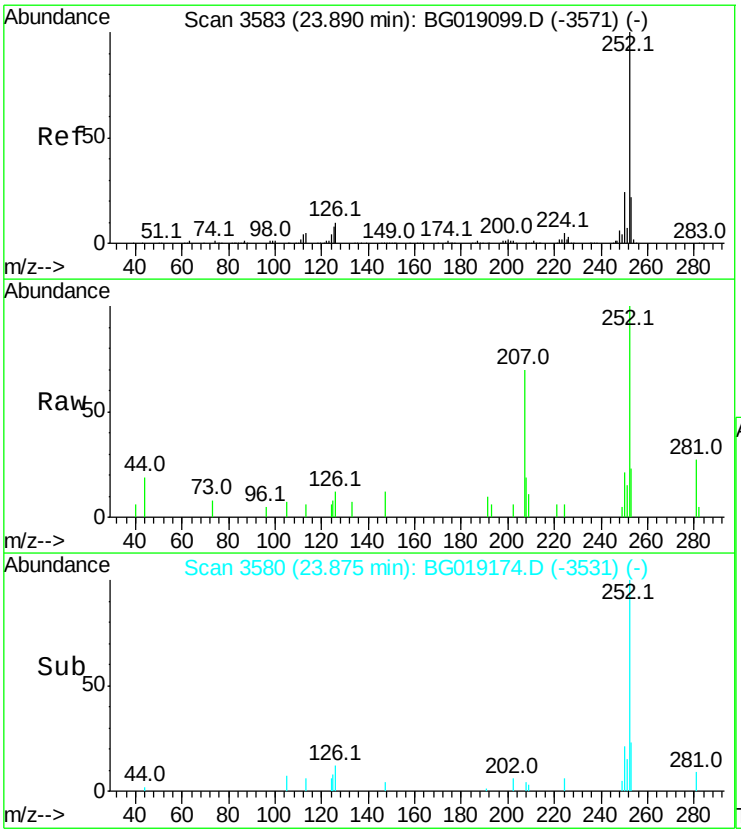
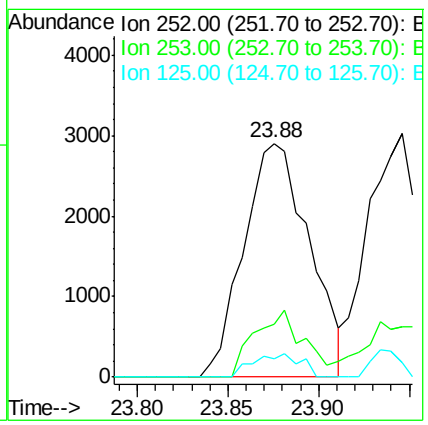
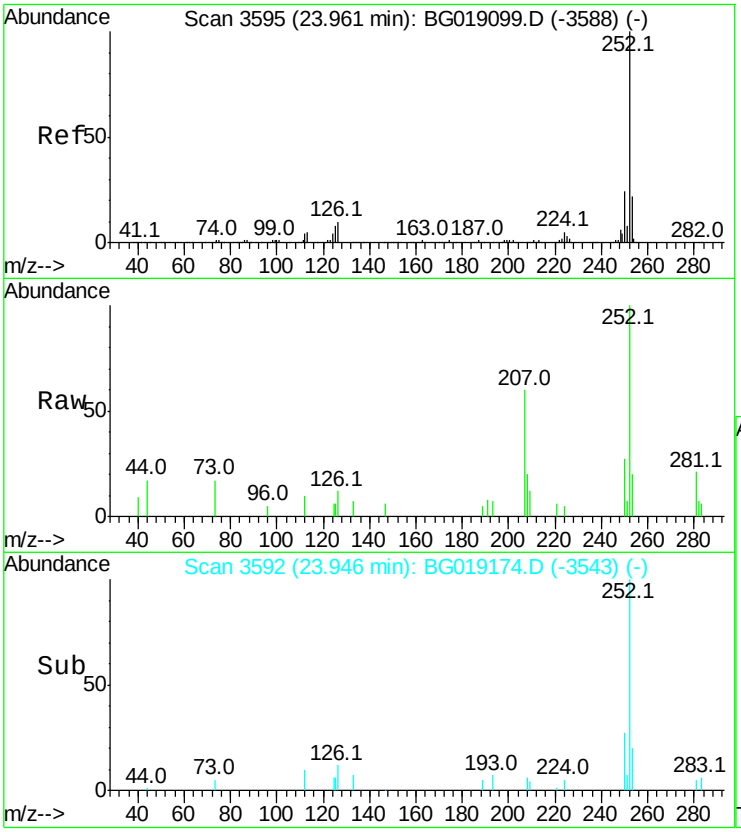


#87
Benzo(b)fluoranthene
Concen: 0.79 ng
RT: 23.88 min Scan# 3580
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:252 Resp: 7298

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	7.9	6.6	9.8





#88
Benzo(k)fluoranthene
Concen: 0.79 ng m
RT: 23.95 min Scan# 3592
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:252 Resp: 7203

Ion	Ratio	Lower	Upper
252	100		
253	20.5	17.0	25.4
125	5.8	6.4	9.6#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

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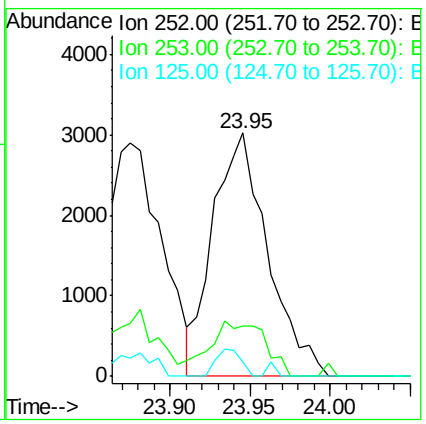
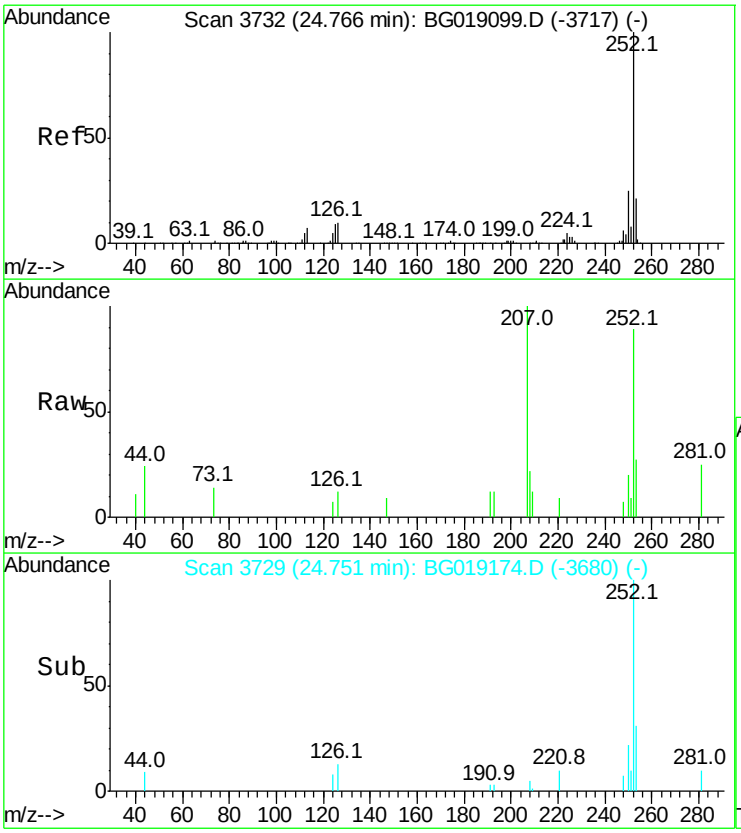
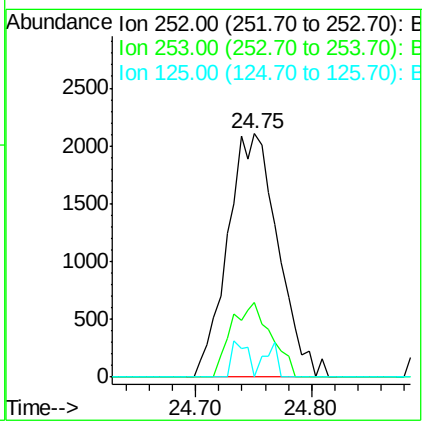


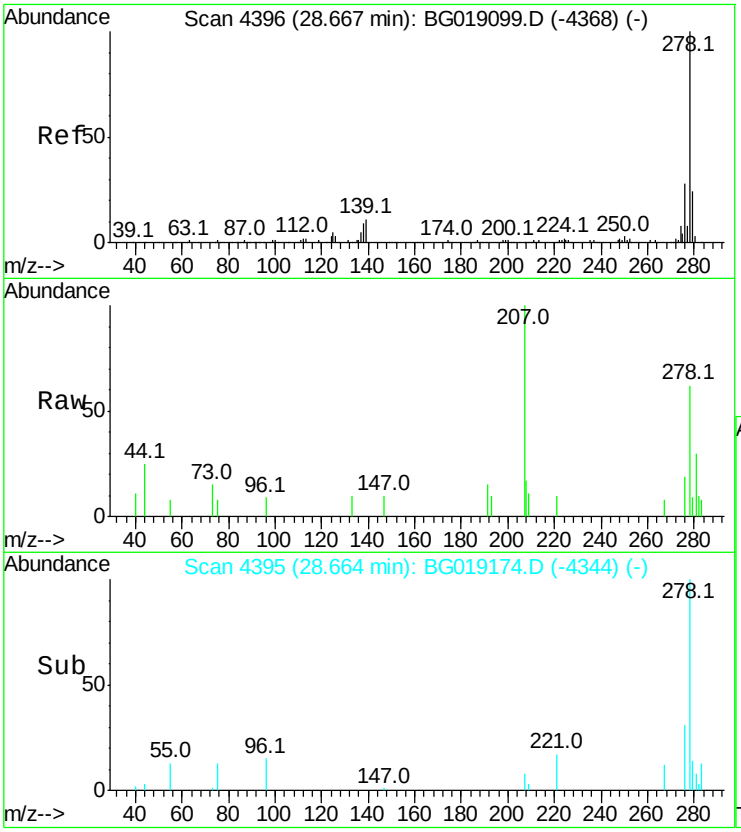


#89
Benzo(a)pyrene
Concen: 0.73 ng
RT: 24.75 min Scan# 3729
Delta R.T. -0.01 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:252 Resp: 6373

Ion	Ratio	Lower	Upper
252	100		
253	30.8	17.0	25.4#
125	0.0	7.2	10.8#





#90
Dibenzo(a,h)anthracene
Concen: 0.69 ng m
RT: 28.66 min Scan# 4395
Delta R.T. -0.00 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:278 Resp: 6417

Ion	Ratio	Lower	Upper
278	100		
139	0.0	8.6	12.8#
279	14.4	19.5	29.3#

Instrument :
BNA_G
ClientSampleId :
LOD-WATER2015-01

Manual Integrations APPROVED
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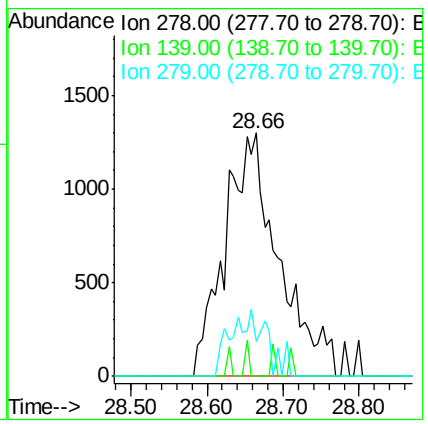

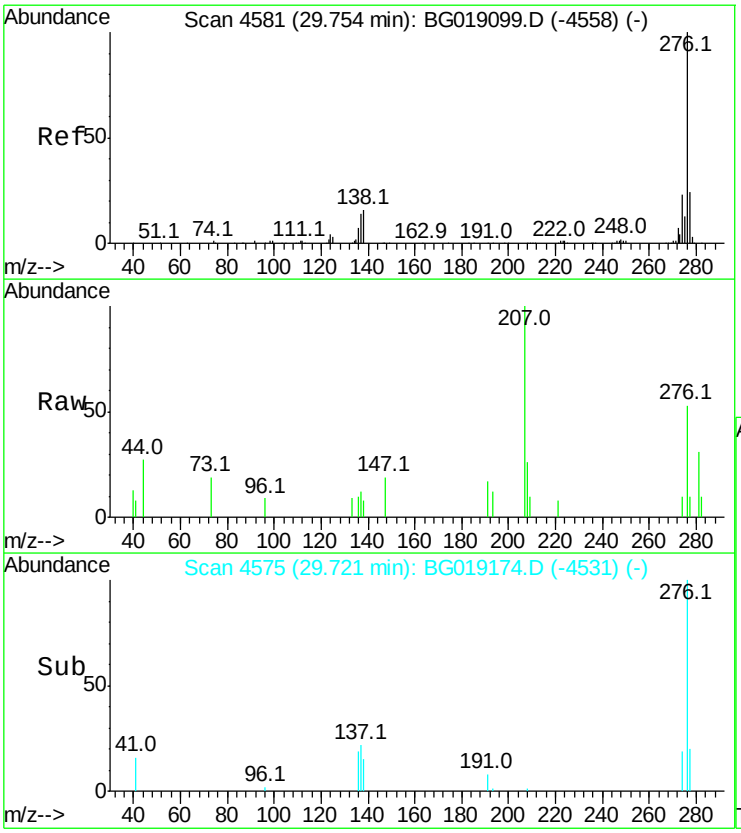

#91
Benzo(g,h,i)perylene
Concen: 0.60 ng
RT: 29.72 min Scan# 4575
Delta R.T. -0.04 min
Lab File: BG019174.D
Acq: 13 Oct 2015 1:32

Tgt Ion:276 Resp: 5193

Ion	Ratio	Lower	Upper
276	100		
277	19.8	19.5	29.3
138	14.9	13.0	19.6