

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017019.D
 Acq On : 10 May 2015 10:50
 Operator : TP/IZ
 Sample : G2171-01
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515

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Quant Time: May 11 07:34:55 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 16:13:58 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	58531	20.00	ng	-0.01
21) Naphthalene-d8	10.58	136	283368	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	191285	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	414134	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	394295	20.00	ng	-0.03
86) Perylene-d12	23.64	264	383154	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	224057	66.65	ng	0.00
7) Phenol-d6	6.97	99	203772	42.43	ng	0.00
23) Nitrobenzene-d5	8.95	82	503444	86.79	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	296230	154.26	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1078255	85.06	ng	-0.02
78) Terphenyl-d14	19.80	244	1606077	95.49	ng	-0.02
Target Compounds						Qvalue
13) 1,4-Dichlorobenzene	7.82	146	24144	5.55	ng	94
14) 1,2-Dichlorobenzene	8.14	146	10678	2.56	ng	97
17) 2-Methylphenol	8.24	107	9261	2.55	ng	92
22) Acetophenone	8.60	105	14313	2.12	ng	# 91
27) 2,4-Dimethylphenol	9.76	122	10971m	2.54	ng	
30) 1,2,4-Trichlorobenzene	10.44	180	150384	34.78	ng	92
31) Naphthalene	10.63	128	1583335	112.34	ng	98
33) 4-Chloroaniline	10.70	127	26751	4.11	ng	96
37) 2-Methylnaphthalene	12.24	142	186775	17.40	ng	97
51) Acenaphthene	14.49	154	32052	2.85	ng	95
56) 2,4-Dinitrotoluene	14.79	165	24840	6.55	ng	# 97
57) Fluorene	15.47	166	35007	2.48	ng	99
59) Diethylphthalate	15.25	149	51507	3.42	ng	95

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

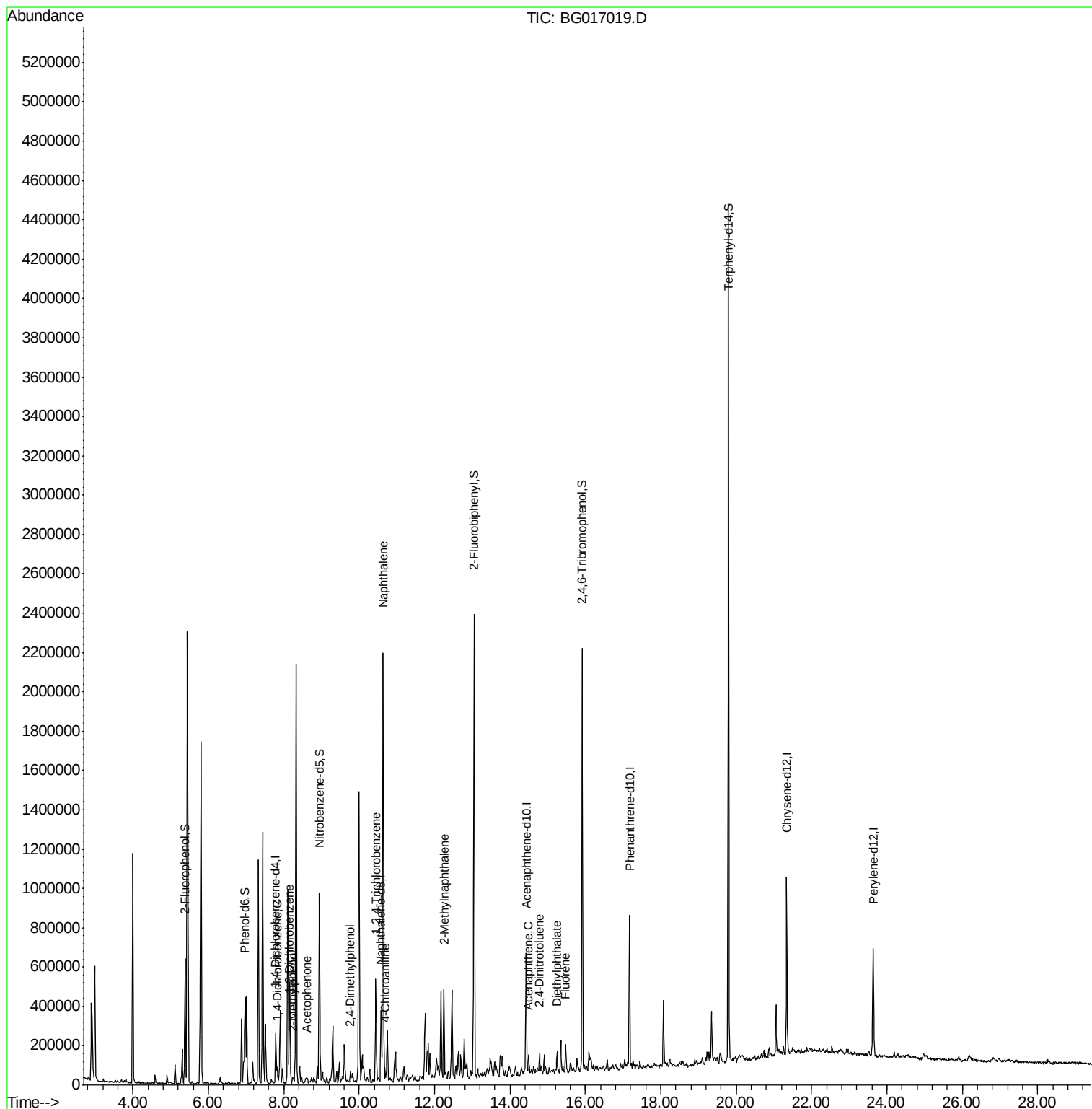
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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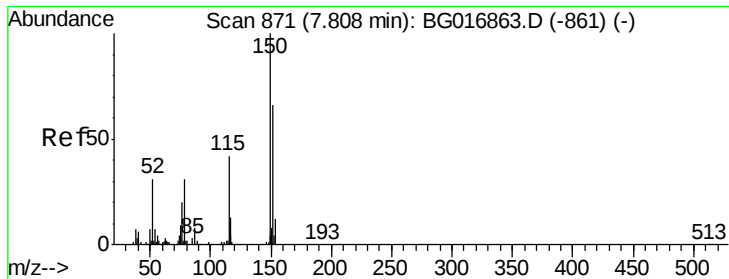
Instrument :
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DCW-WW-131-5515

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG017019.D

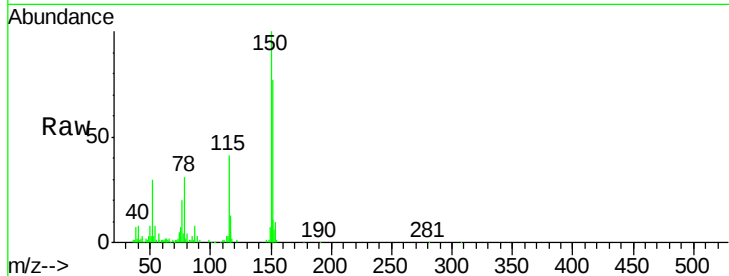
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Instrument :

BNA_G

ClientSampleId :

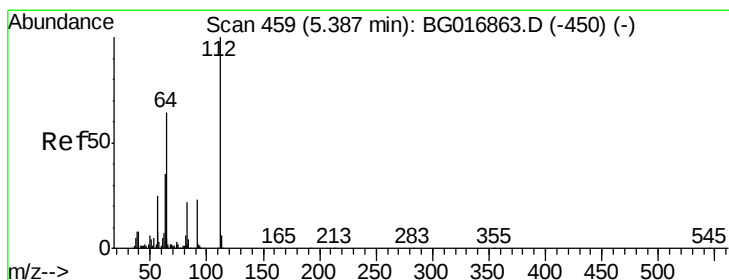
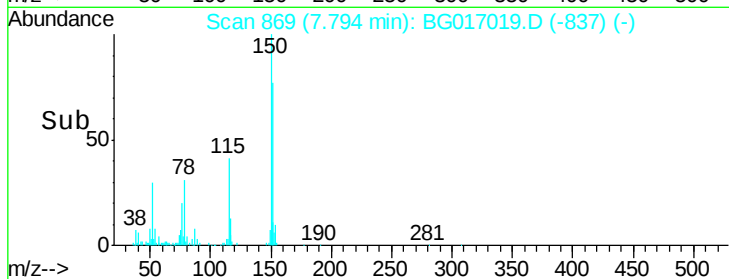
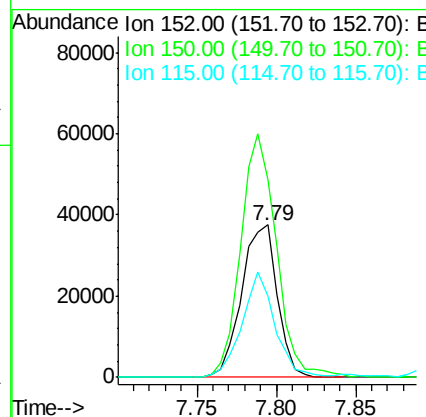
DCW-WW-131-5515



Tgt Ion	Ratio	Lower	Upper
152	100		
150	129.3	121.0	181.4
115	53.4	50.5	75.7

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#5

2-Fluorophenol

Concen: 66.65 ng

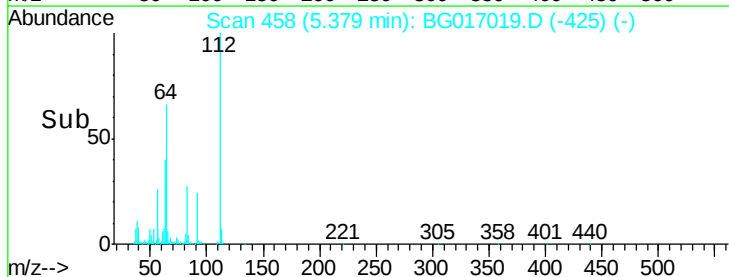
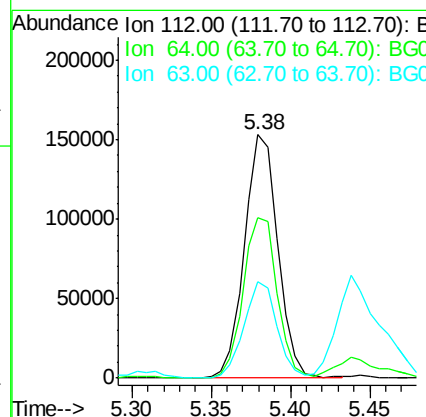
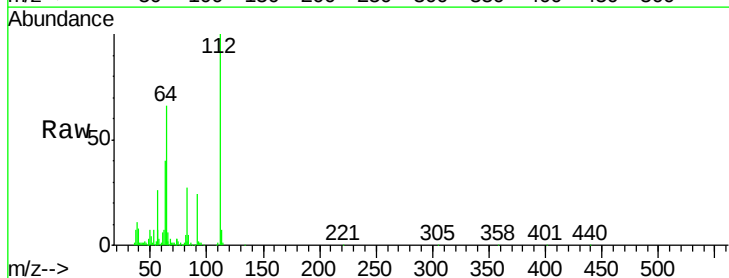
RT: 5.38 min Scan# 458

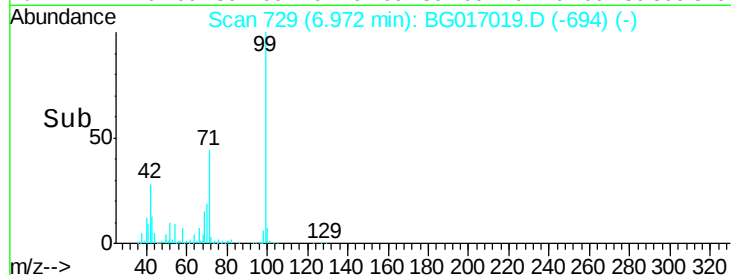
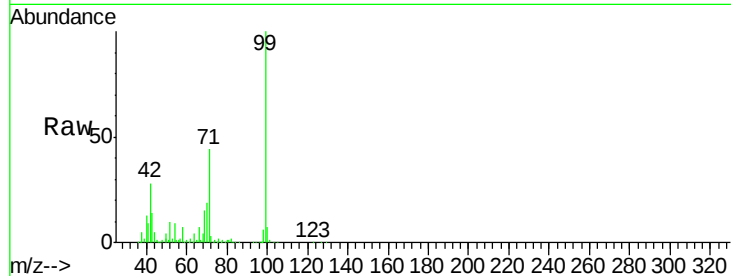
Delta R.T. -0.01 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	51.4	77.2
63	39.8	28.1	42.1





#7

Phenol-d6

Concen: 42.43 ng

RT: 6.97 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG017019.D

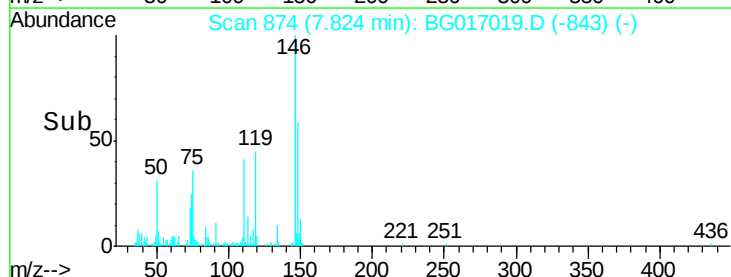
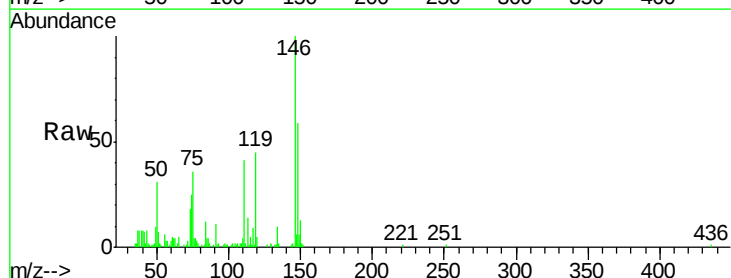
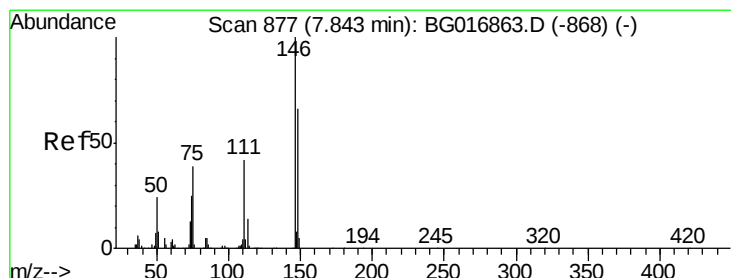
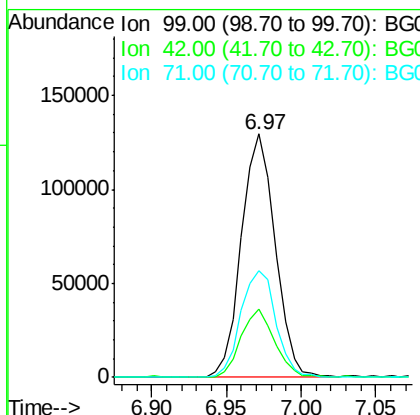
Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	203772		
42	28.2	22.1	33.1	
71	43.7	33.4	50.0	

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

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#13

1,4-Dichlorobenzene

Concen: 5.55 ng

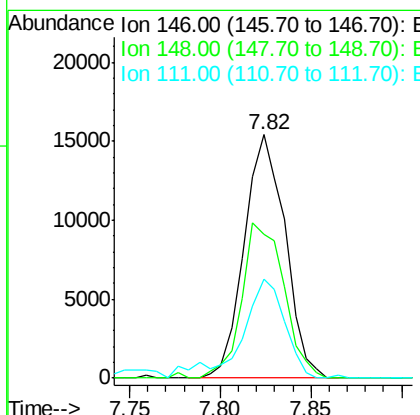
RT: 7.82 min Scan# 874

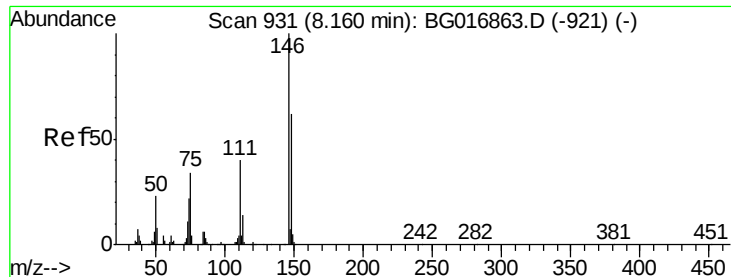
Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	24144		
148	58.9	52.8	79.2	
111	40.9	33.9	50.9	





#14

1,2-Dichlorobenzene

Concen: 2.56 ng

RT: 8.14 min Scan# 928

Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Instrument :

BNA_G

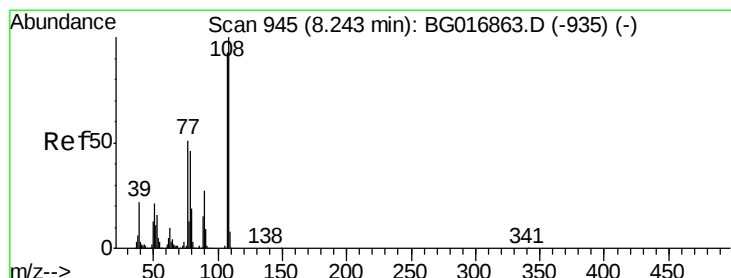
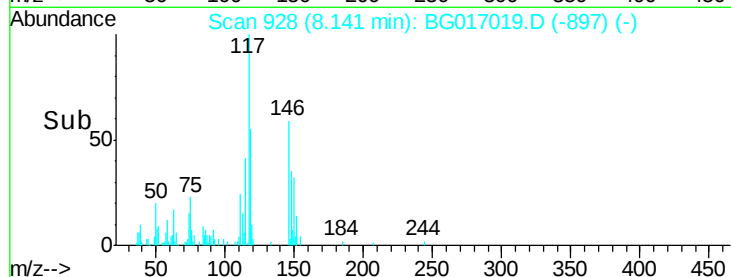
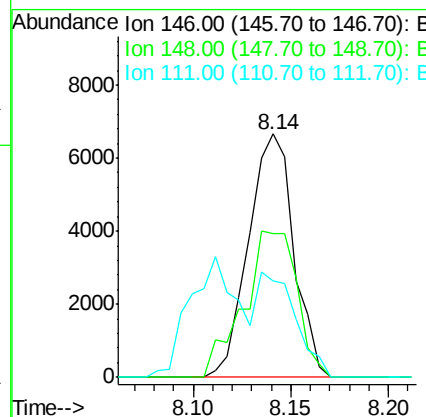
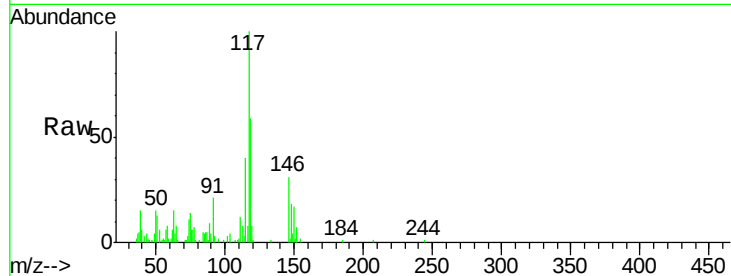
ClientSampleId :

DCW-WW-131-5515

Tgt Ion:	146	Resp:	10678
Ion Ratio	Lower	Upper	
146	100		
148	58.8	49.9	74.9
111	39.6	32.1	48.1

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#17

2-Methylphenol

Concen: 2.55 ng

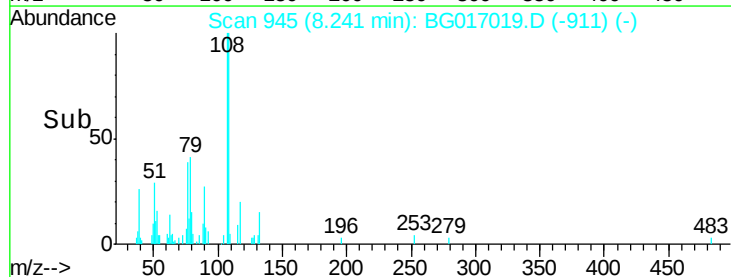
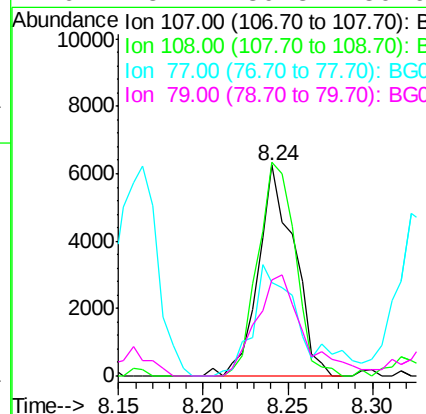
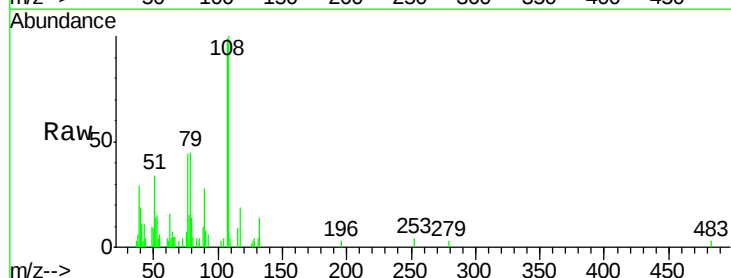
RT: 8.24 min Scan# 945

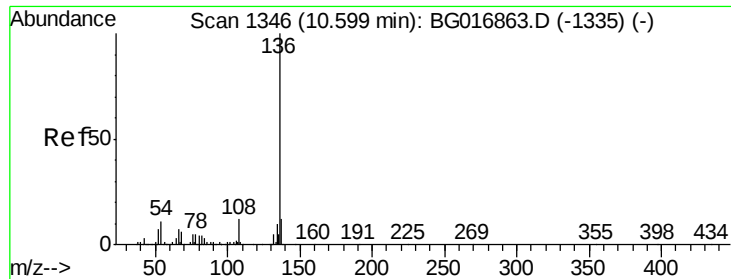
Delta R.T. -0.00 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt Ion:	107	Resp:	9261
Ion Ratio	Lower	Upper	
107	100		
108	101.4	85.9	128.9
77	44.5	43.8	65.6
79	45.4	39.8	59.6





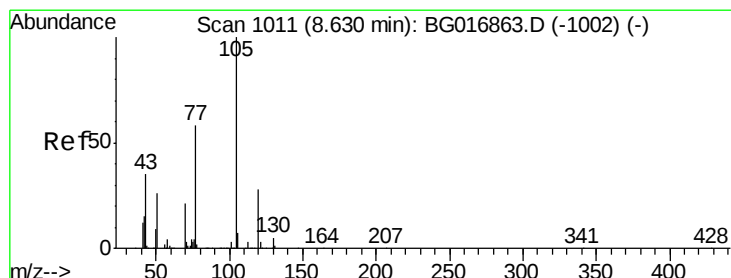
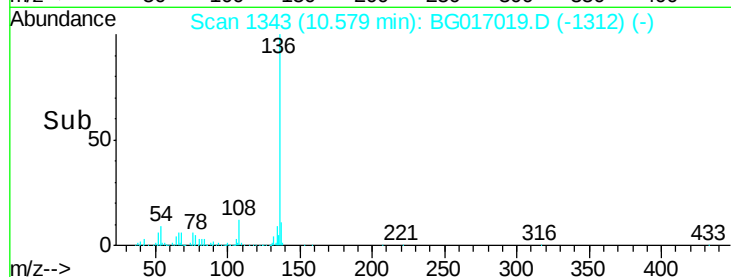
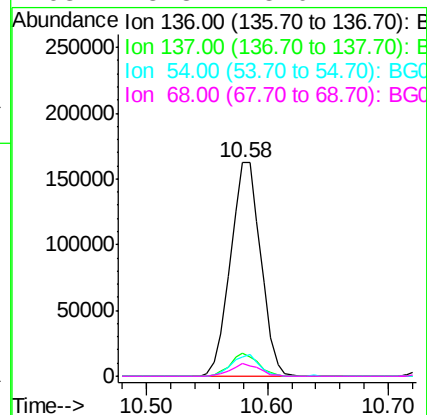
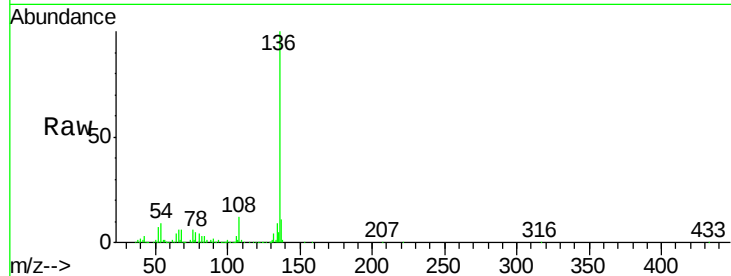
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	9.8	14.8
54	9.2	8.7	13.1
68	5.8	5.0	7.4

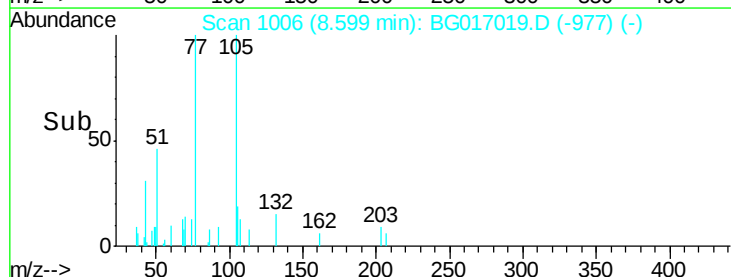
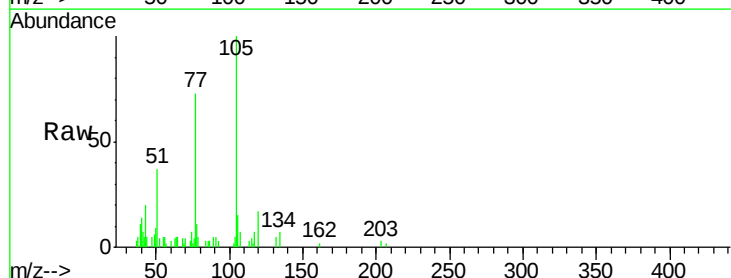
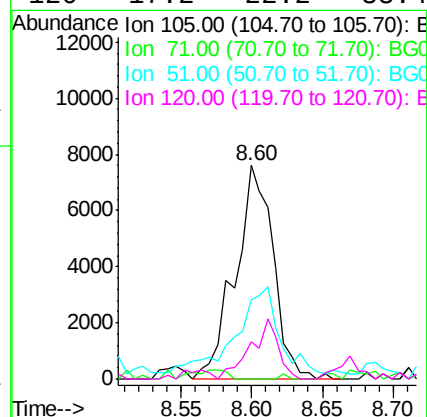
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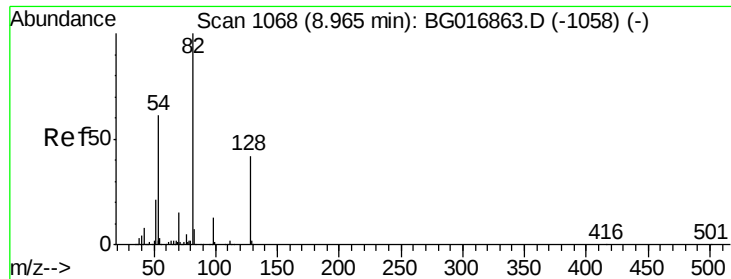
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#22
Acetophenone
Concen: 2.12 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	0.0	2.8	4.2#
51	37.3	29.4	44.2
120	17.2	22.2	33.4#





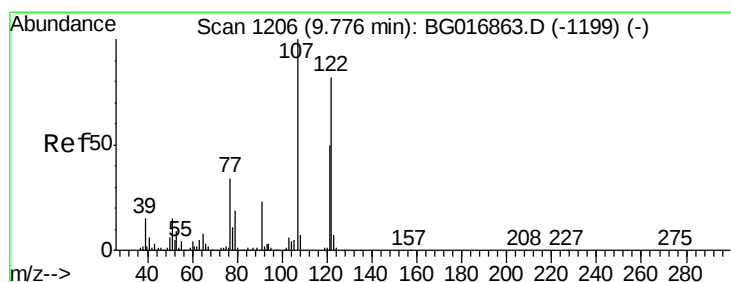
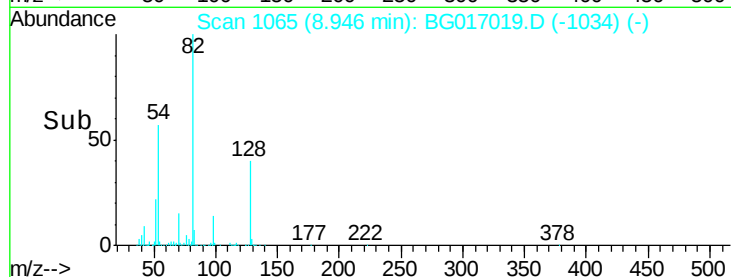
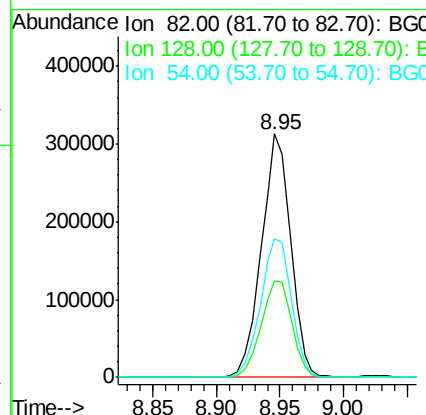
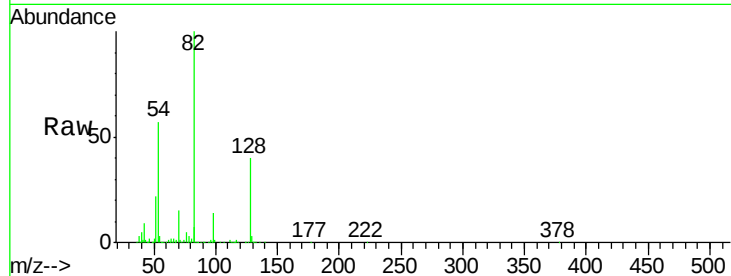
#23
 Nitrobenzene-d5
 Concen: 86.79 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	503444		
128	39.8	33.2	49.8	
54	57.1	48.6	72.8	

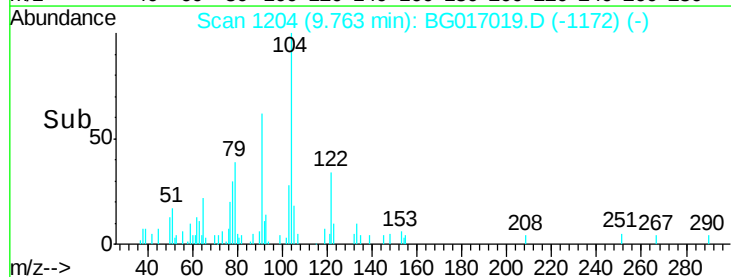
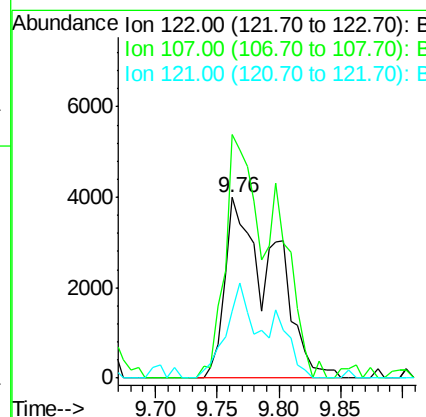
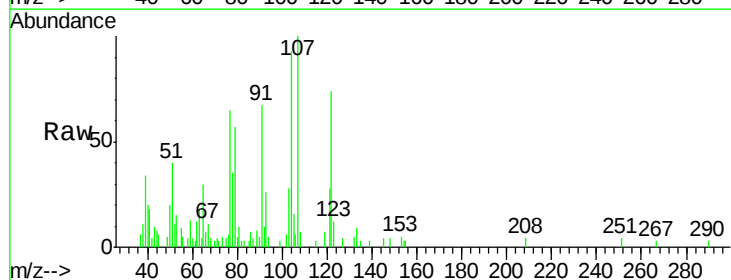
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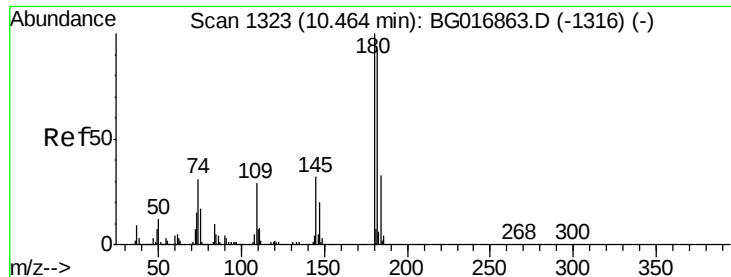
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#27
 2,4-Dimethylphenol
 Concen: 2.54 ng m
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	10971		
107	134.7	97.6	146.4	
121	37.2	48.4	72.6#	





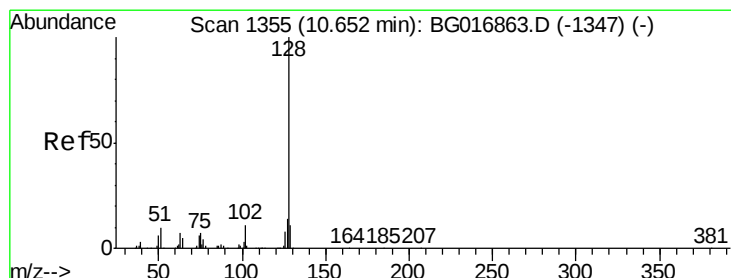
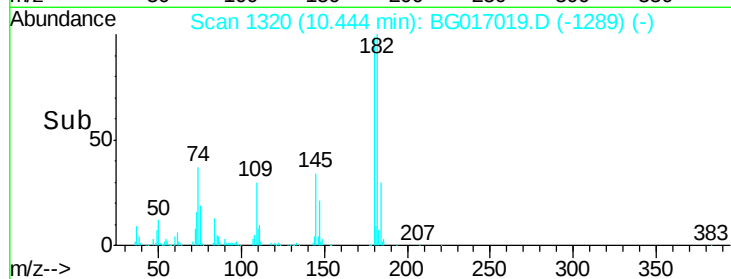
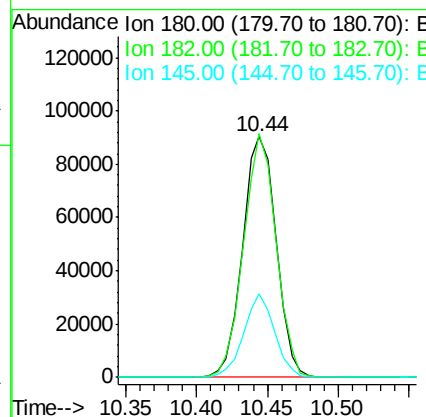
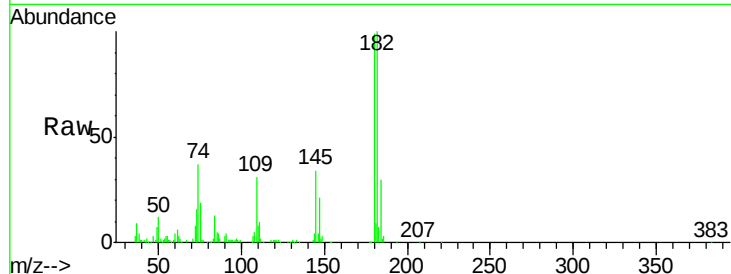
#30
 1,2,4-Trichlorobenzene
 Concen: 34.78 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Instrument :
 BNA_G
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 DCW-WW-131-5515

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	150384		
182	101.2	73.8	110.8	
145	34.5	25.4	38.0	

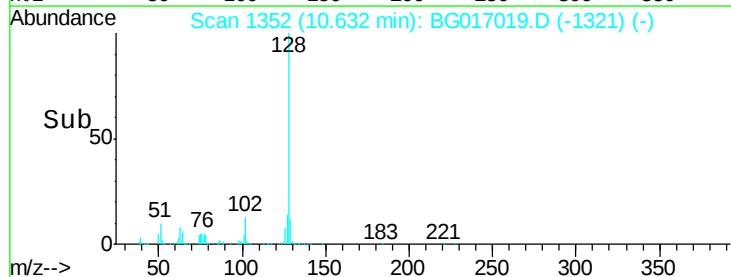
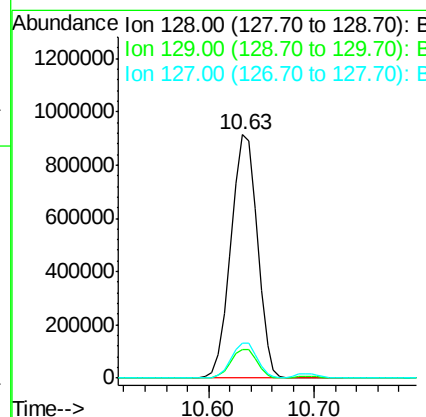
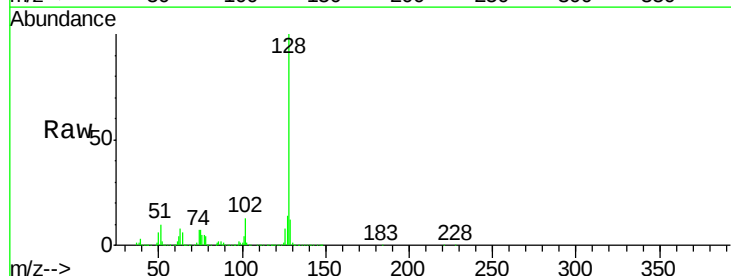
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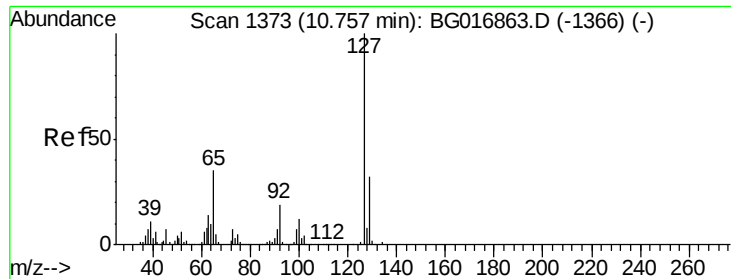
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#31
 Naphthalene
 Concen: 112.34 ng
 RT: 10.63 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	1583335		
129	11.9	9.1	13.7	
127	14.3	10.9	16.3	





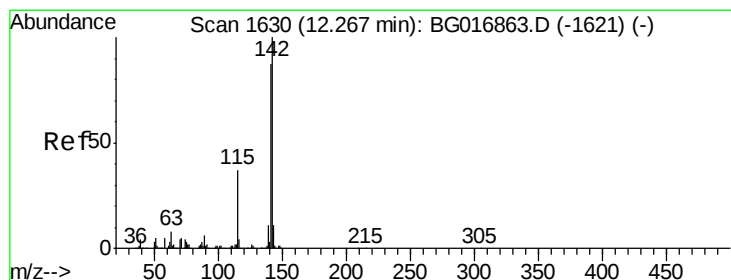
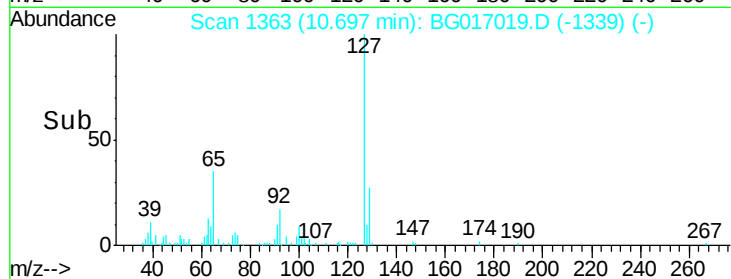
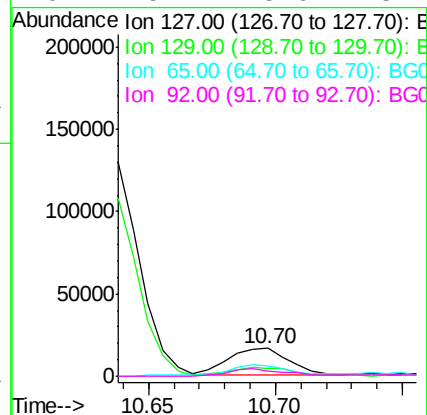
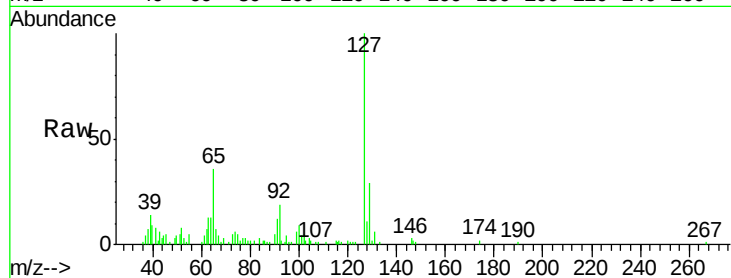
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 10.70 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	26751		
129	28.6	25.8	38.6	
65	36.3	28.2	42.2	
92	18.7	15.6	23.4	

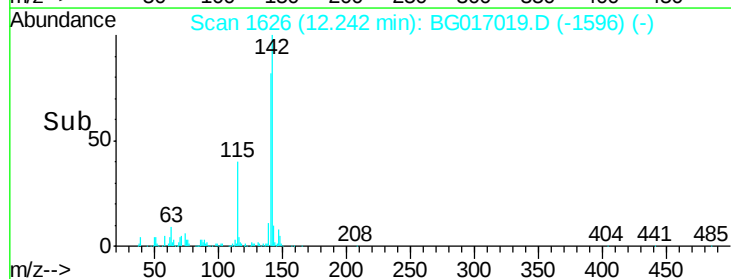
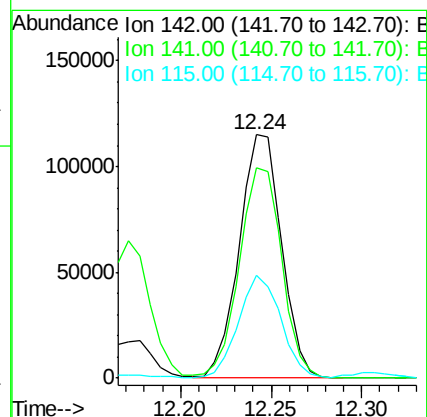
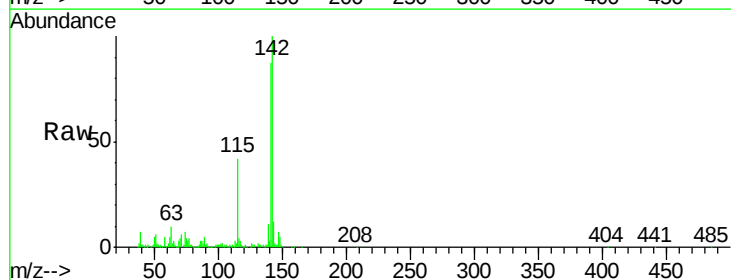
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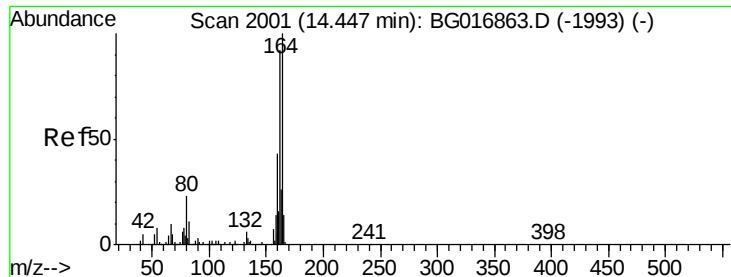
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#37
2-Methylnaphthalene
Concen: 17.40 ng
RT: 12.24 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	186775		
141	86.6	69.9	104.9	
115	42.3	29.8	44.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.43 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Instrument :

BNA_G

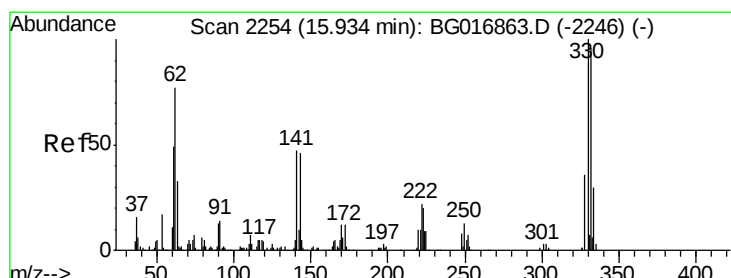
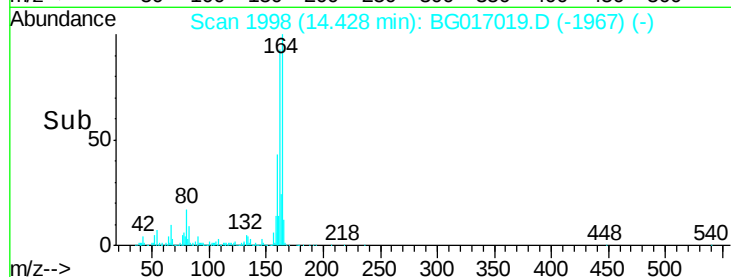
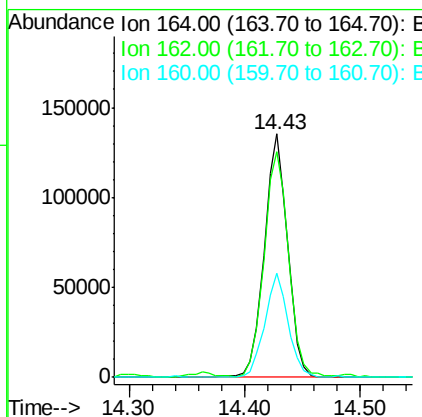
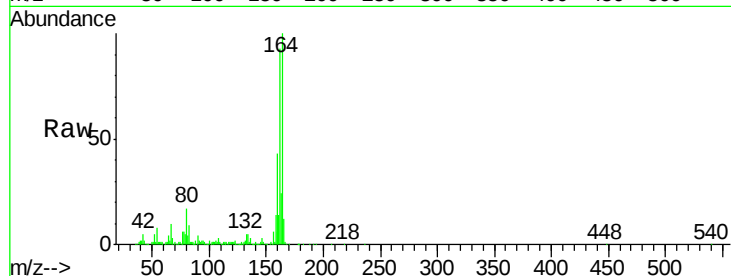
ClientSampleId :

DCW-WW-131-5515

Tgt Ion:	164	Resp:	191285
Ion Ratio		Lower	Upper
164	100		
162	92.7	74.0	111.0
160	42.8	34.7	52.1

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#41

2,4,6-Tribromophenol

Concen: 154.26 ng

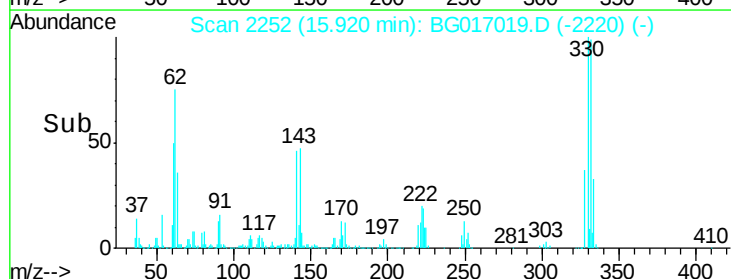
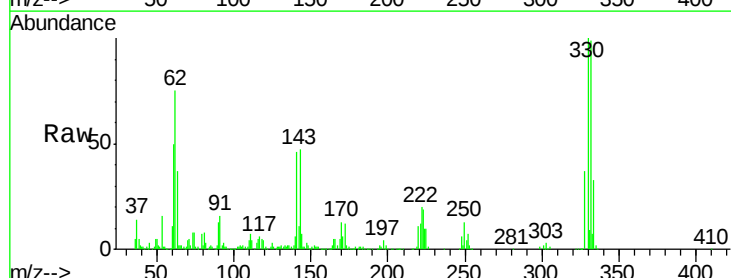
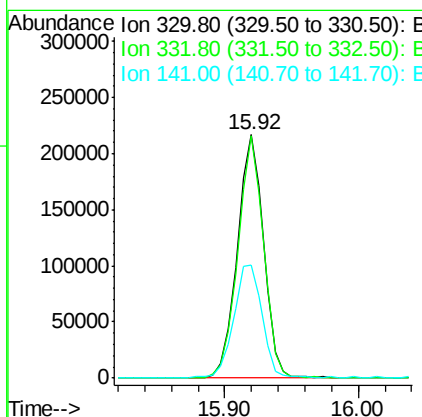
RT: 15.92 min Scan# 2252

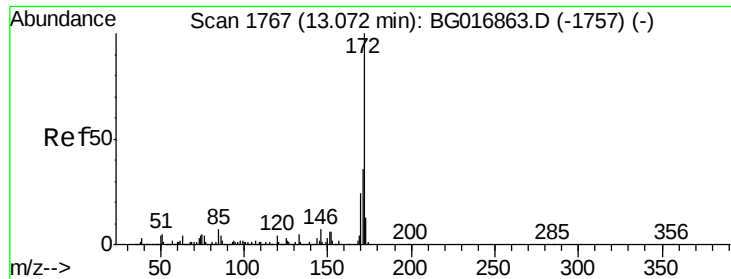
Delta R.T. -0.01 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt Ion:	330	Resp:	296230
Ion Ratio		Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	50.2	0.0	0.0#





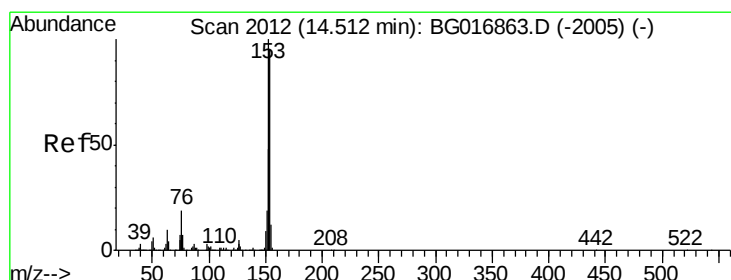
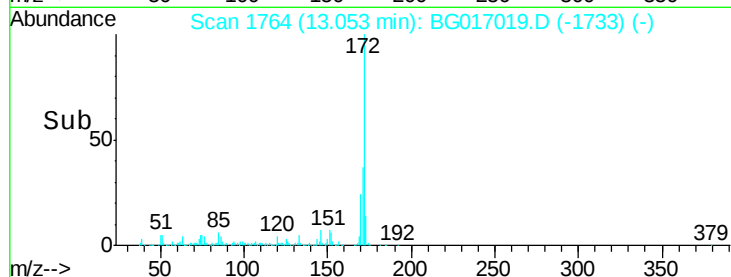
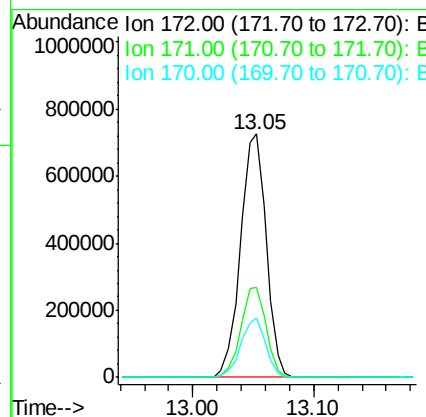
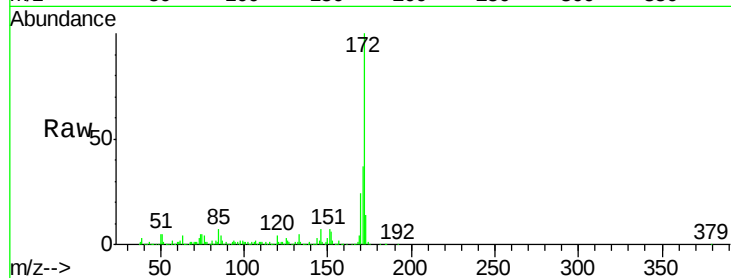
#44
 2-Fluorobiphenyl
 Concen: 85.06 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.4
170	24.1	19.0	28.4

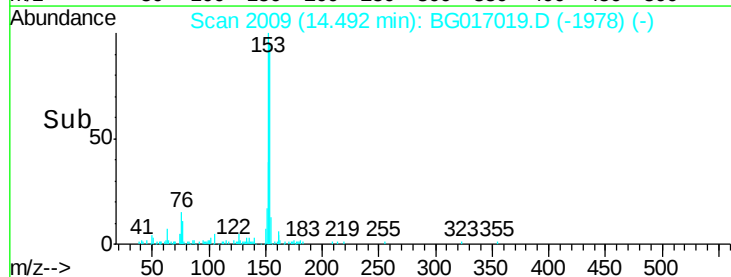
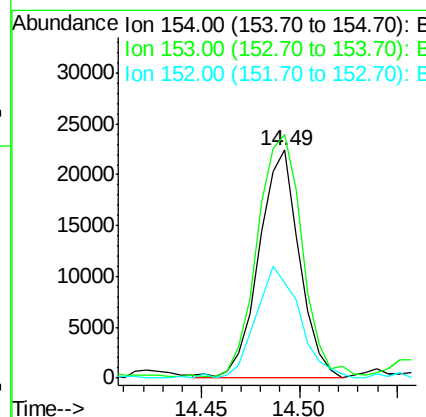
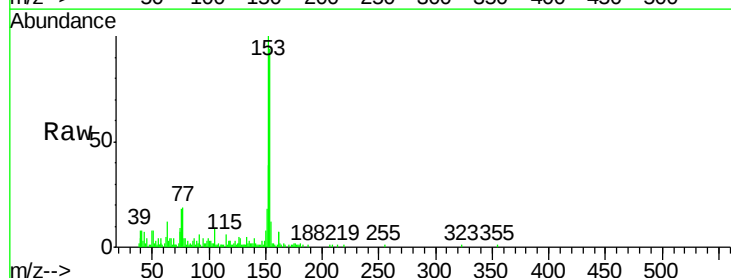
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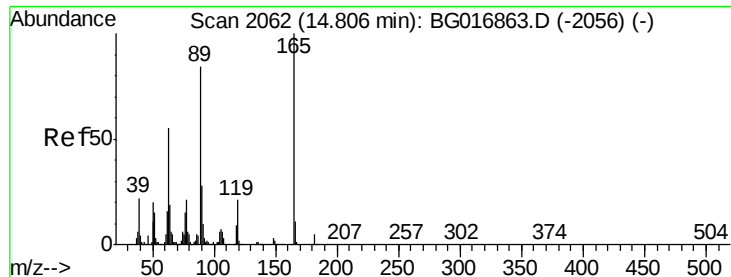
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#51
 Acenaphthene
 Concen: 2.85 ng
 RT: 14.49 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Lower	Upper
154	100		
153	106.8	84.2	126.4
152	41.7	40.2	60.2





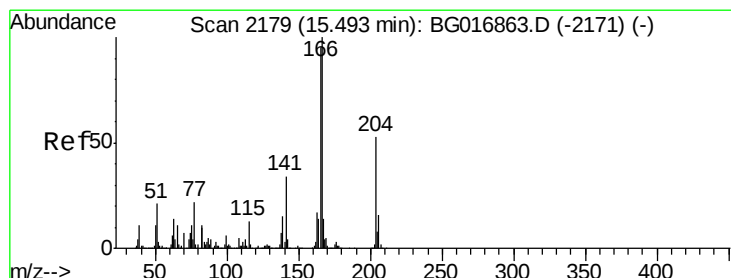
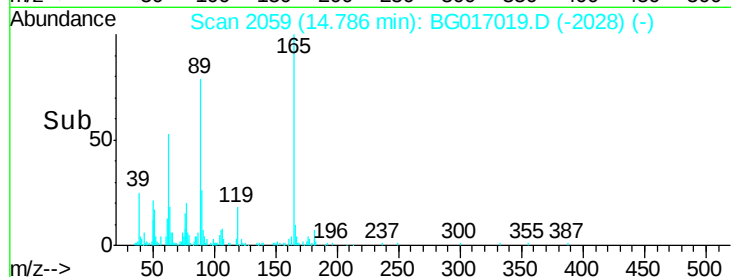
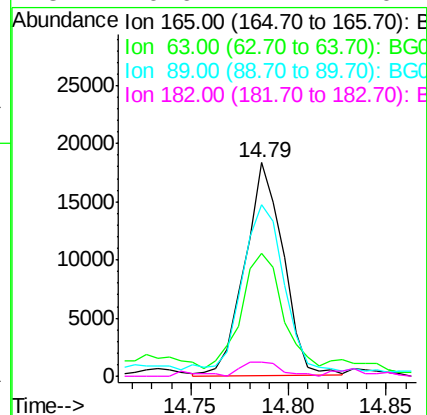
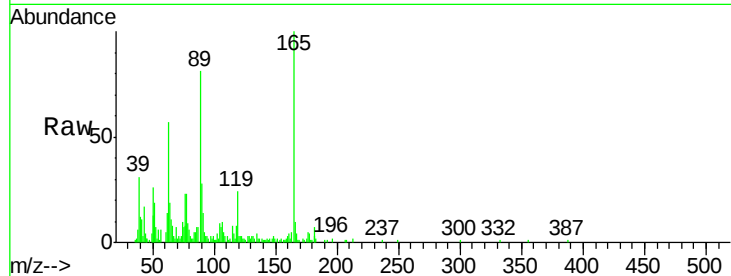
#56
 2,4-Dinitrotoluene
 Concen: 6.55 ng
 RT: 14.79 min Scan# 2059
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-131-5515

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.3	44.2	66.4
89	80.6	67.2	100.8
182	6.6	4.2	6.4#

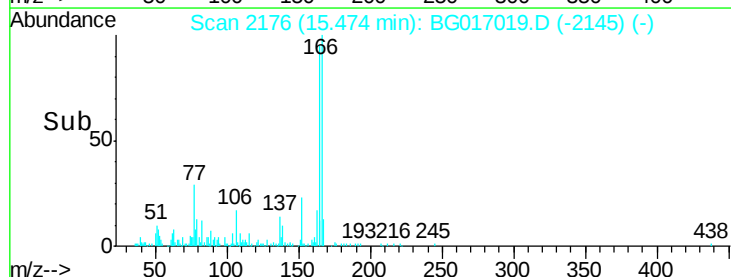
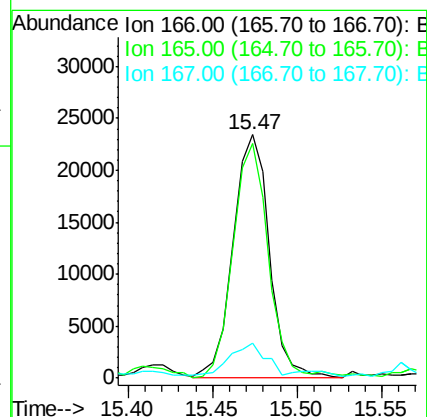
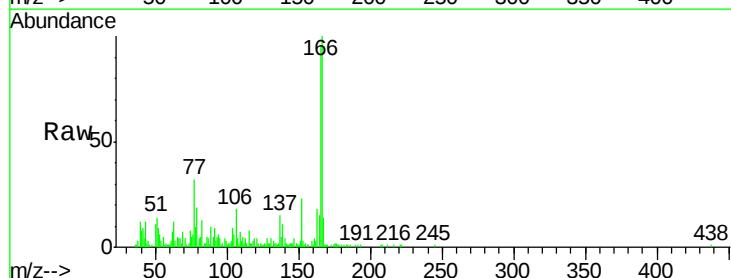
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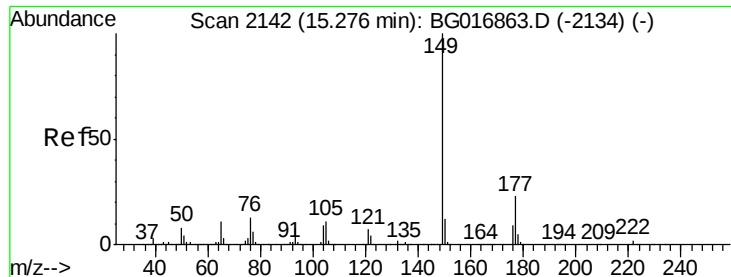
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#57
 Fluorene
 Concen: 2.48 ng
 RT: 15.47 min Scan# 2176
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.2	76.1	114.1
167	14.3	11.4	17.2





#59

Diethylphthalate

Concen: 3.42 ng

RT: 15.25 min Scan# 2138

Delta R.T. -0.03 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Instrument :

BNA_G

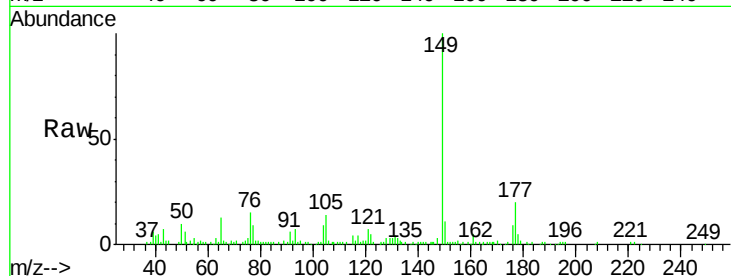
ClientSampleId :

DCW-WW-131-5515

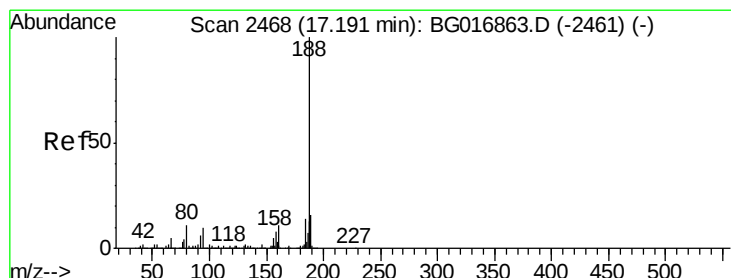
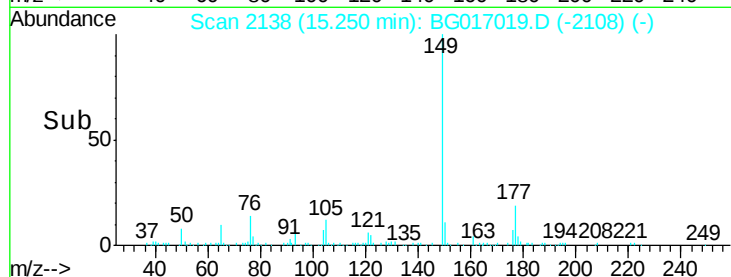
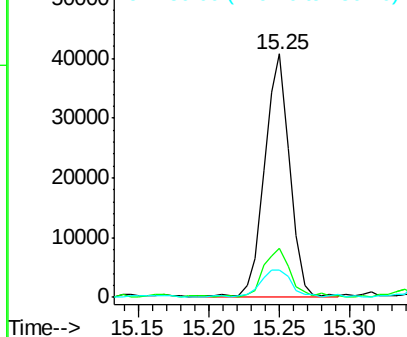
Tgt Ion:	149	Resp:	51507
Ion Ratio	Lower	Upper	
149	100		
177	20.2	18.6	27.8
150	11.3	9.8	14.8

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



#63

Phenanthrene-d10

Concen: 20.00 ng

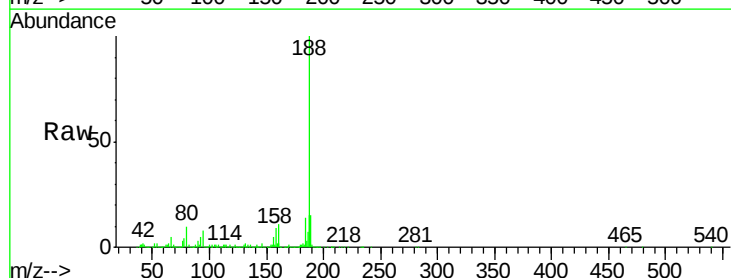
RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

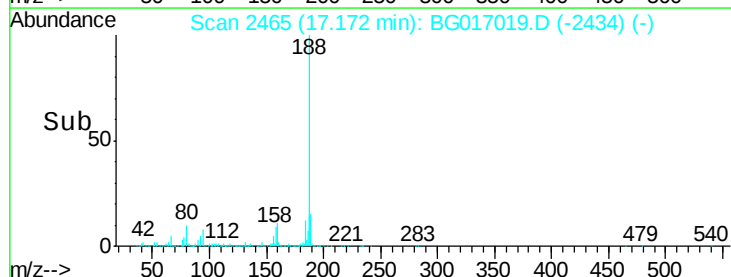
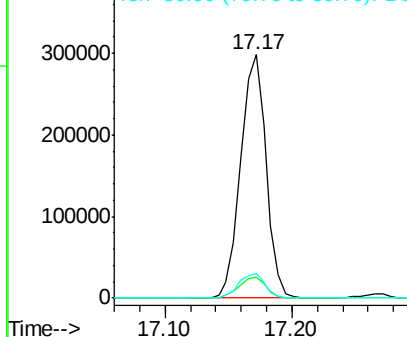
Lab File: BG017019.D

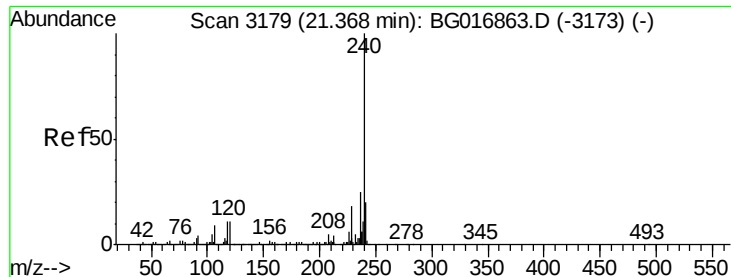
Acq: 10 May 2015 10:50

Tgt Ion:	188	Resp:	414134
Ion Ratio	Lower	Upper	
188	100		
94	8.4	8.2	12.4
80	10.2	8.8	13.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Instrument :

BNA_G

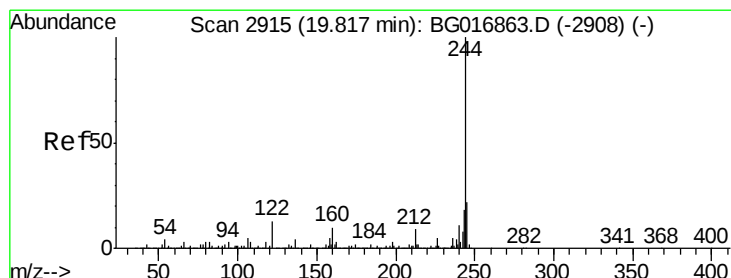
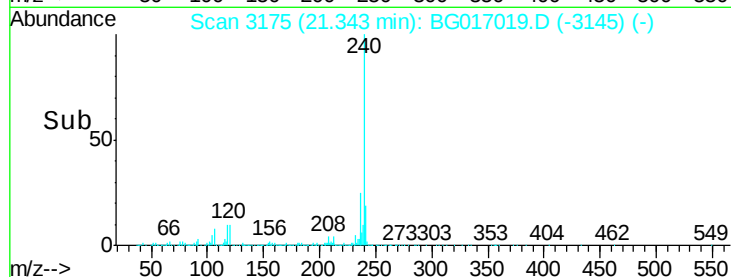
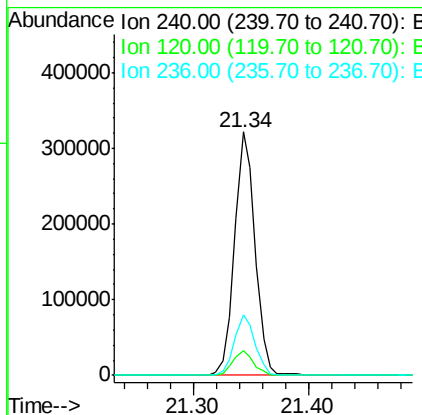
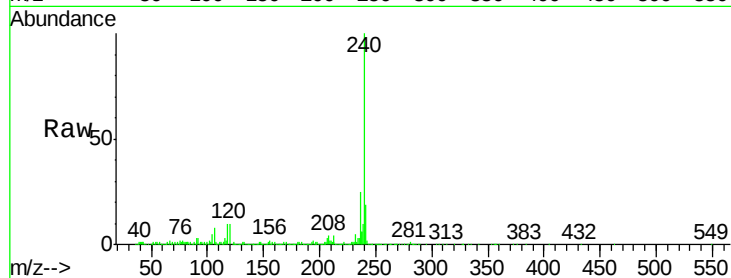
ClientSampleId :

DCW-WW-131-5515

Tgt	Ion	240	Resp	394295
Ion	Ratio	Lower	Upper	
240	100			
120	10.0	9.1	13.7	
236	25.1	20.2	30.4	

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#78

Terphenyl-d14

Concen: 95.49 ng

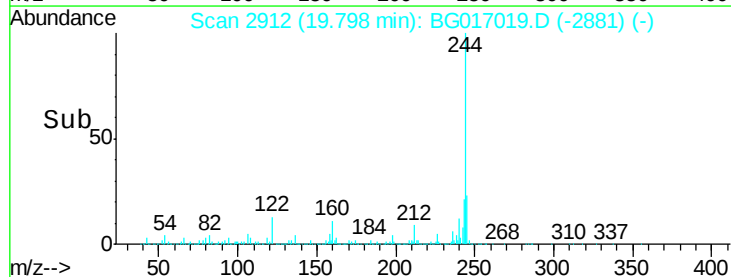
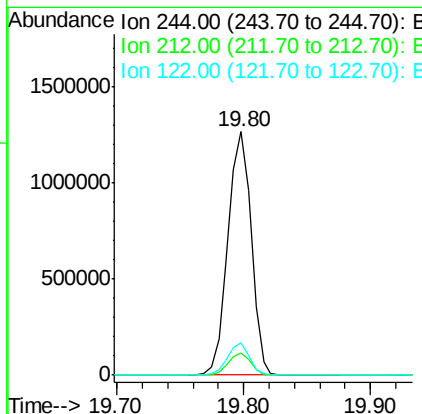
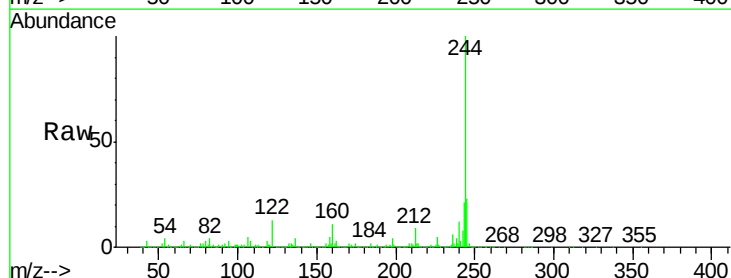
RT: 19.80 min Scan# 2912

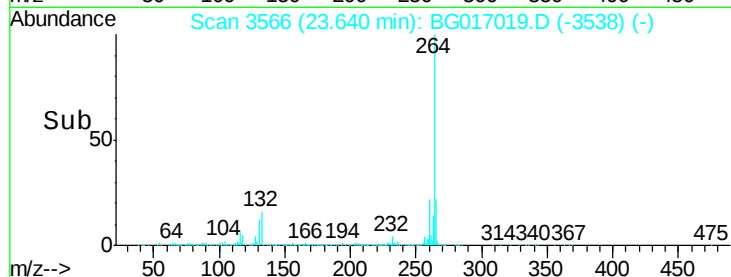
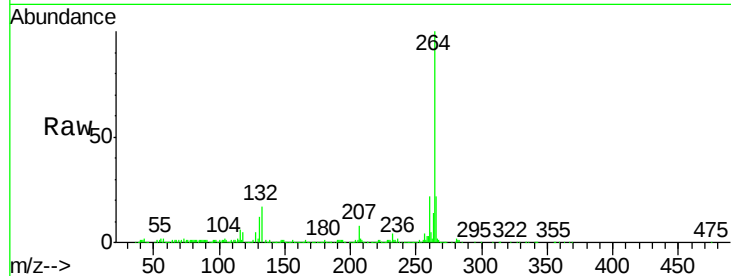
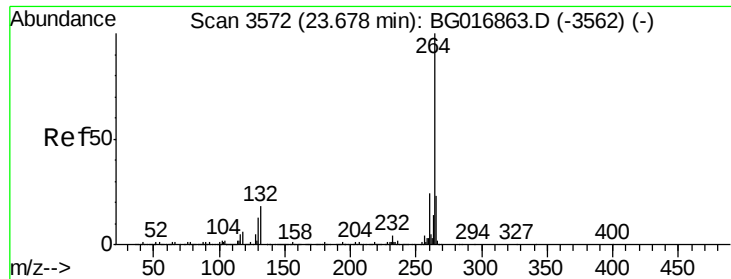
Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt	Ion	244	Resp	1606077
Ion	Ratio	Lower	Upper	
244	100			
212	9.2	7.0	10.6	
122	13.3	10.4	15.6	





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.1	19.5	29.3
265	22.4	18.5	27.7

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