

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
 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

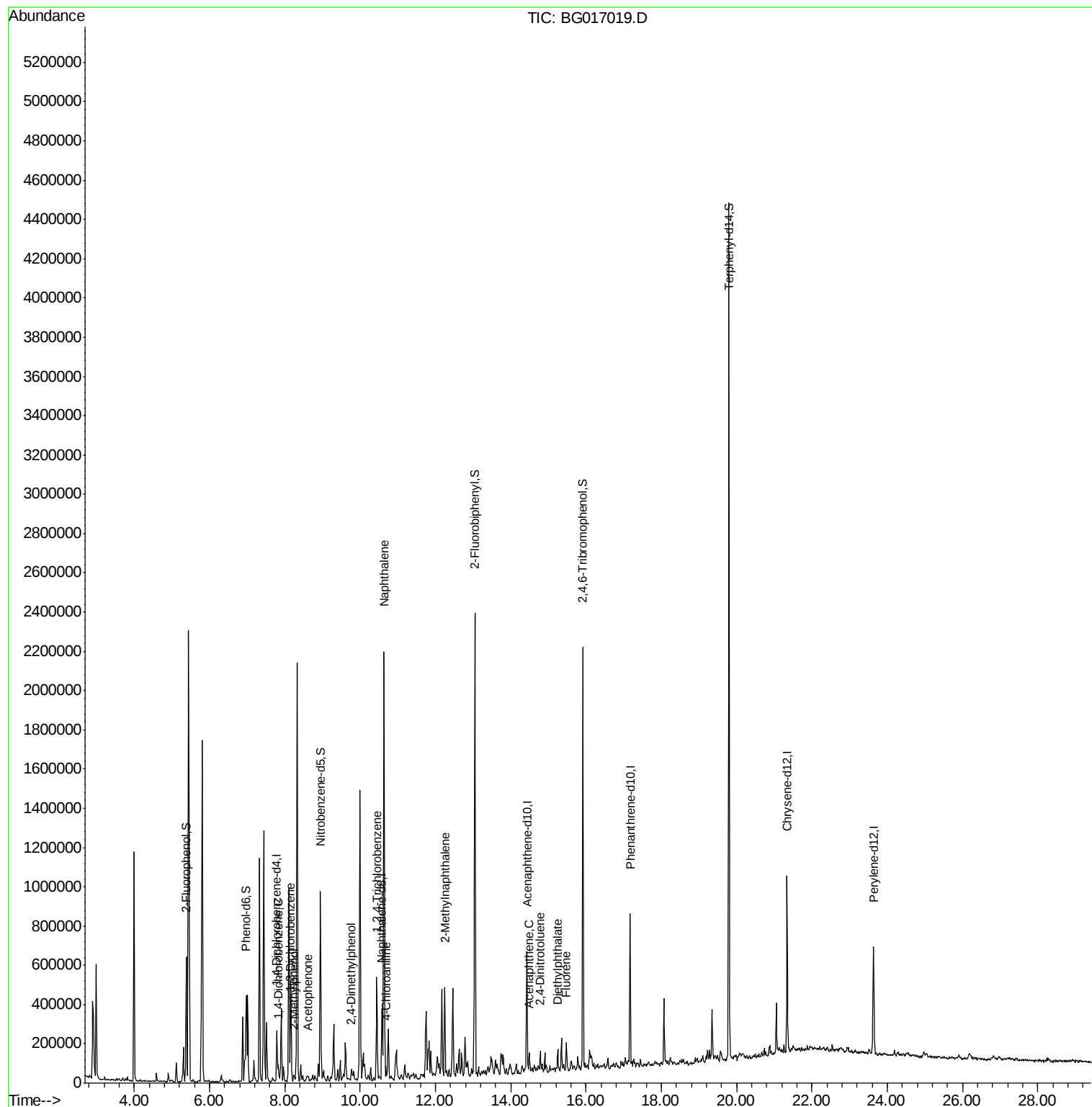
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Data File : BG017019.D
Acq On : 10 May 2015 10:50
Operator : TP/IZ
Sample : G2171-01
Misc :
ALS Vial : 61 Sample Multiplier: 1

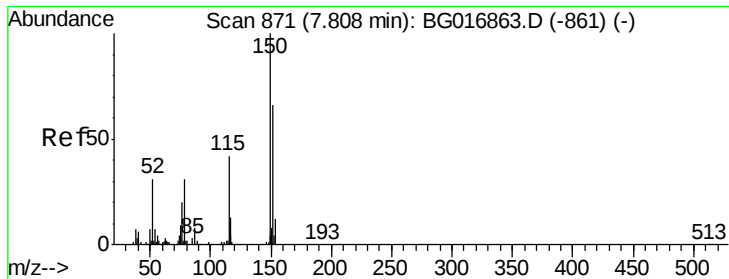
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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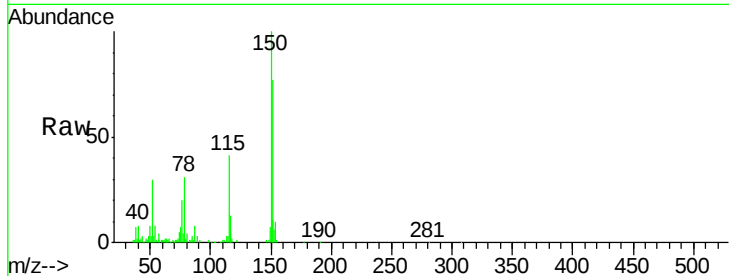




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

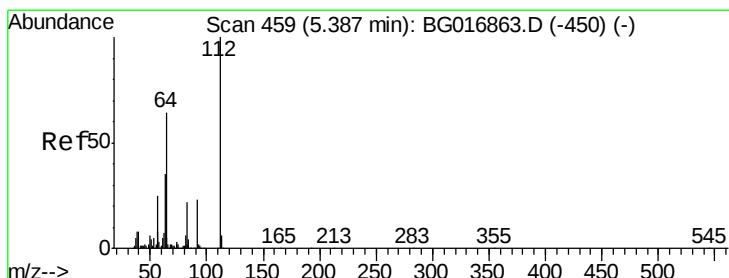
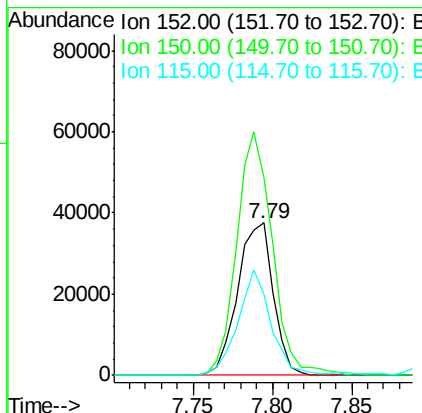
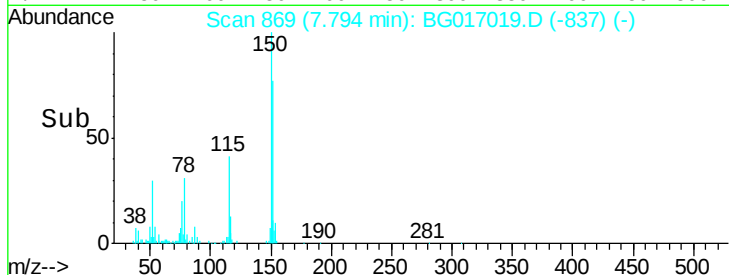
Instrument :
BNA_G
ClientSampleId :
DCW-WW-131-5515



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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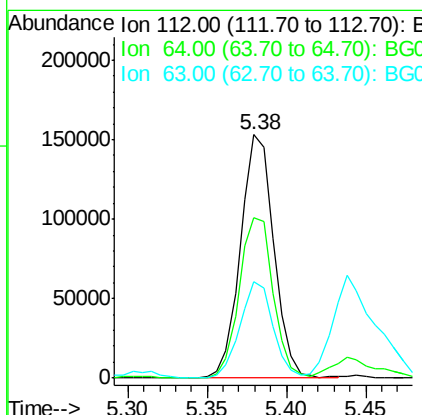
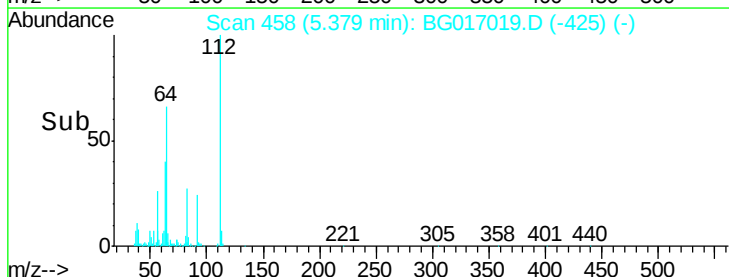
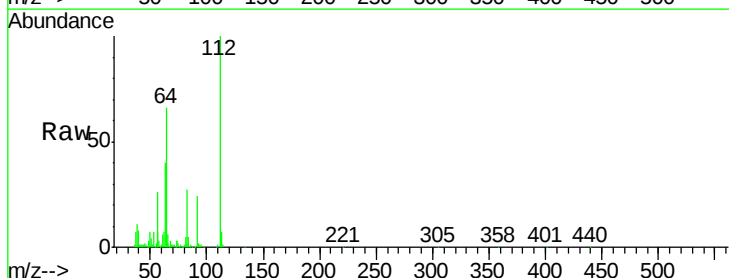
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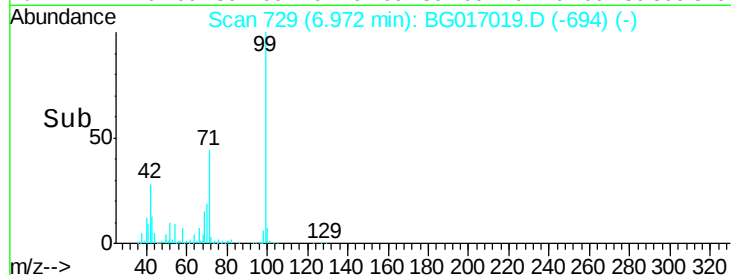
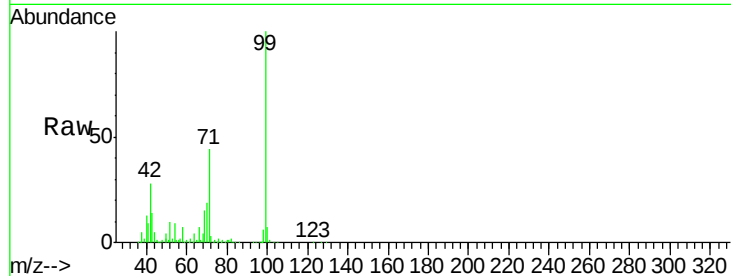


#5

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

Instrument :

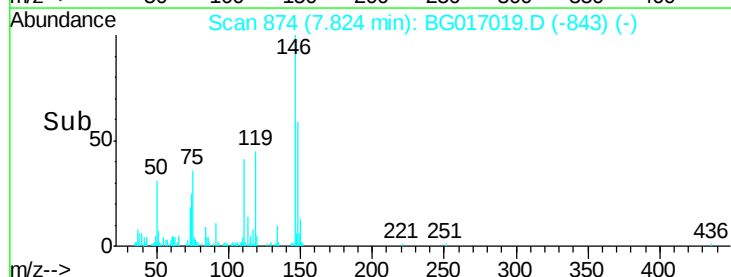
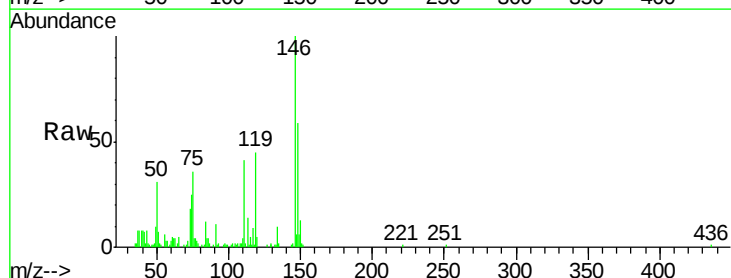
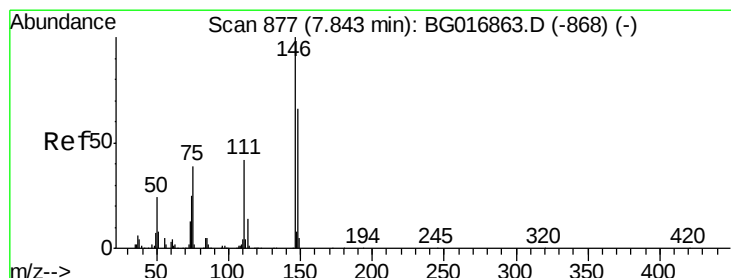
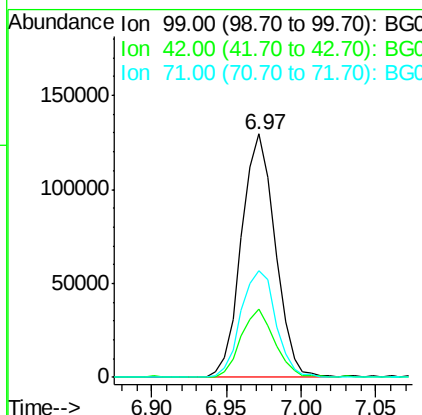
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ClientSampleId :

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#13

1,4-Dichlorobenzene

Concen: 5.55 ng

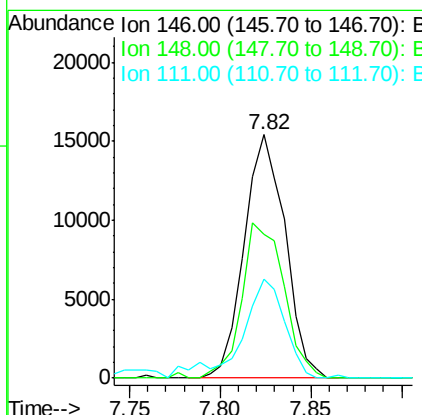
RT: 7.82 min Scan# 874

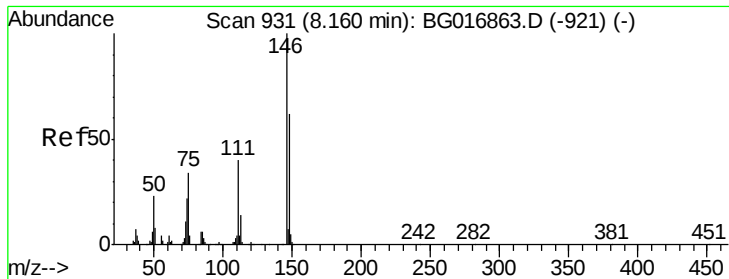
Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

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





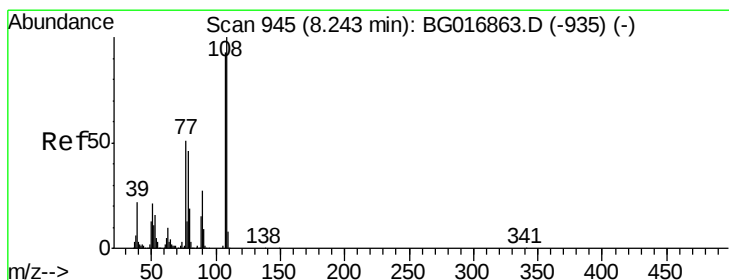
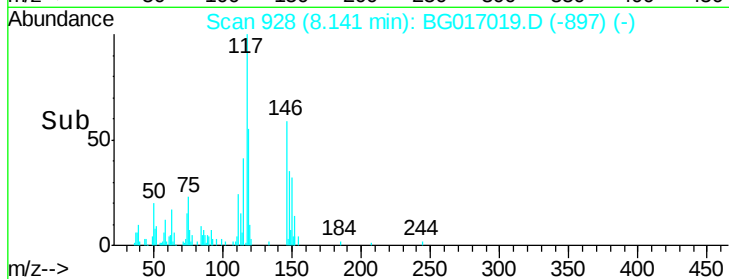
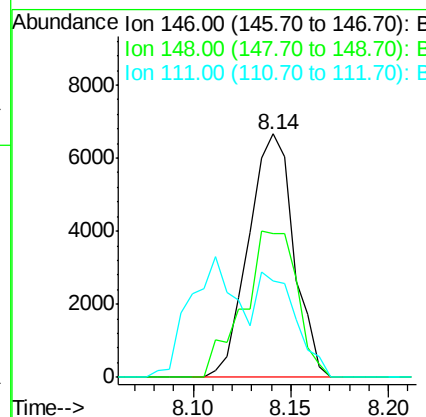
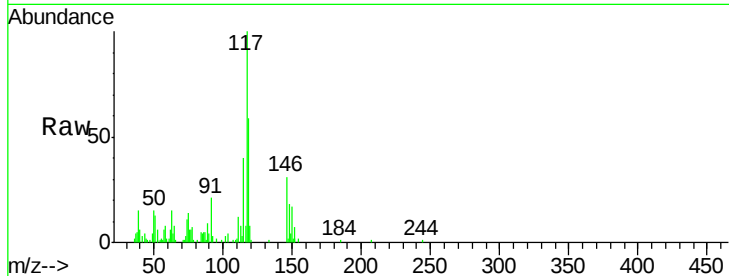
#14
1,2-Dichlorobenzene
Concen: 2.56 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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

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

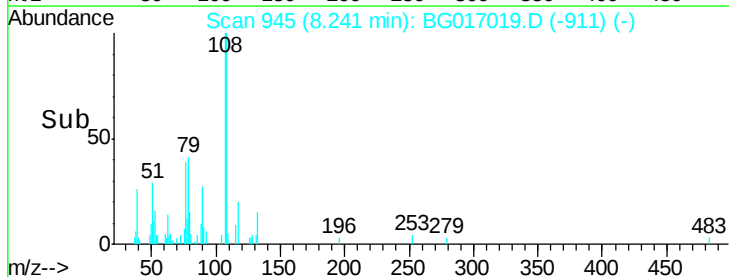
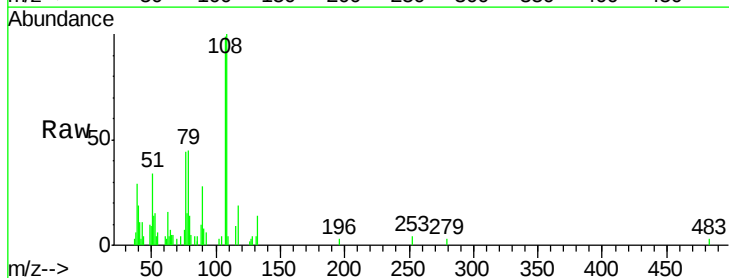
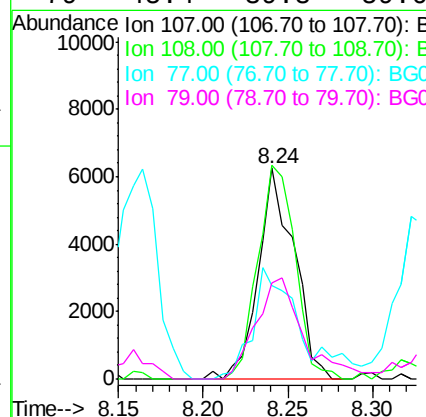
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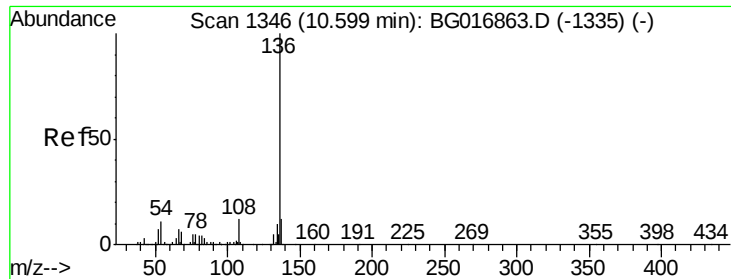
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#17
2-Methylphenol
Concen: 2.55 ng
RT: 8.24 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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





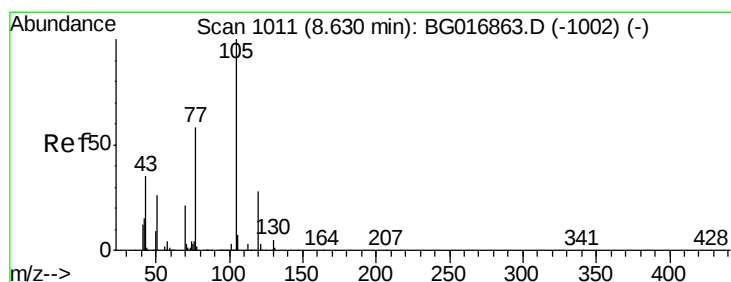
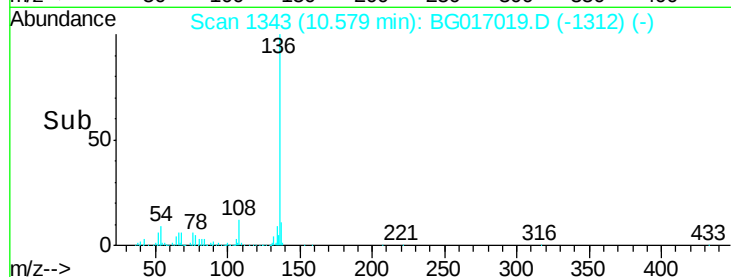
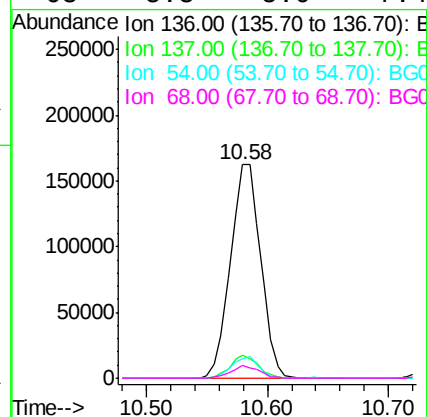
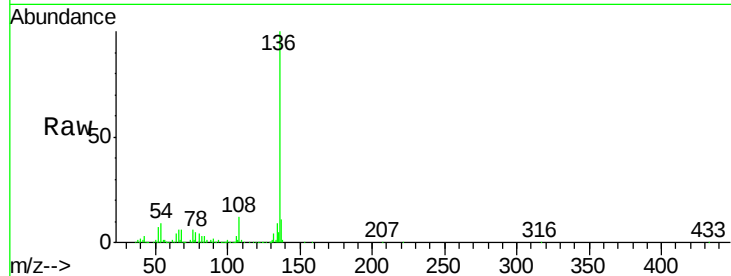
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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

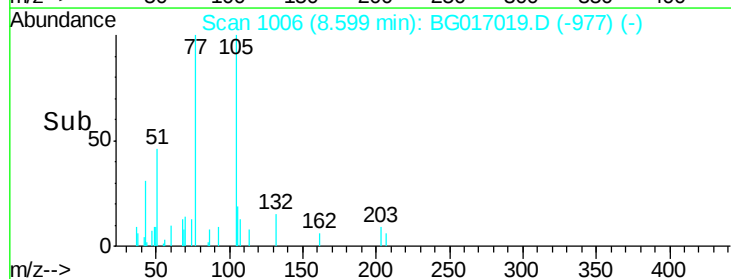
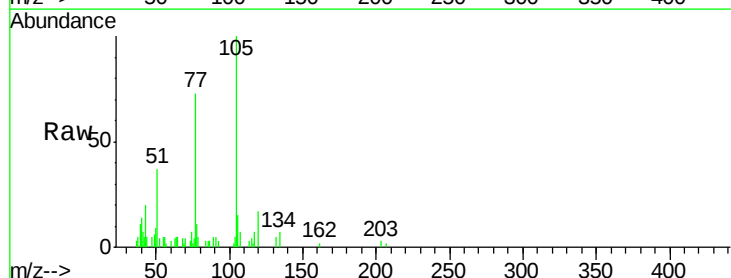
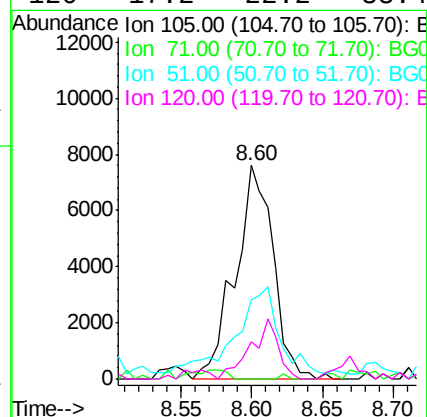
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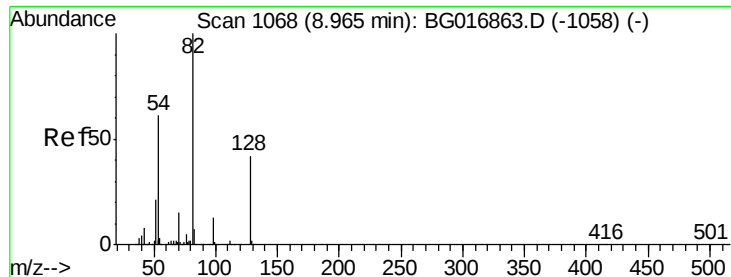
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#22
Acetophenone
Concen: 2.12 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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#





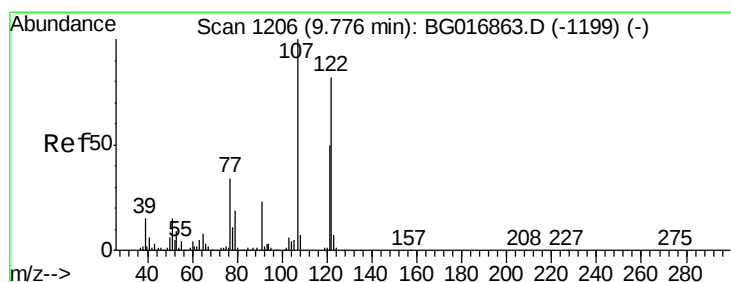
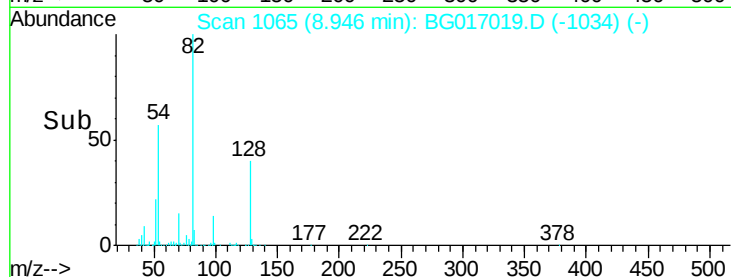
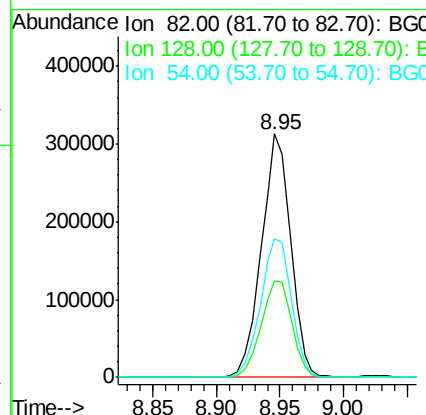
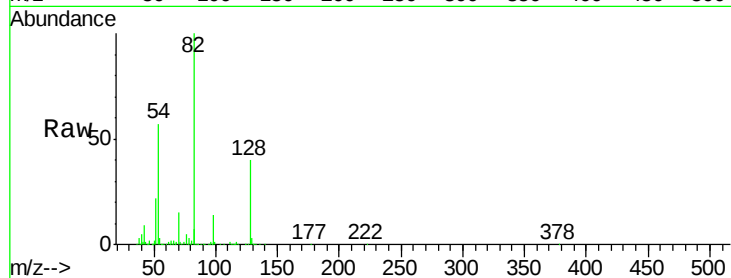
#23
Nitrobenzene-d5
Concen: 86.79 ng
RT: 8.95 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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	

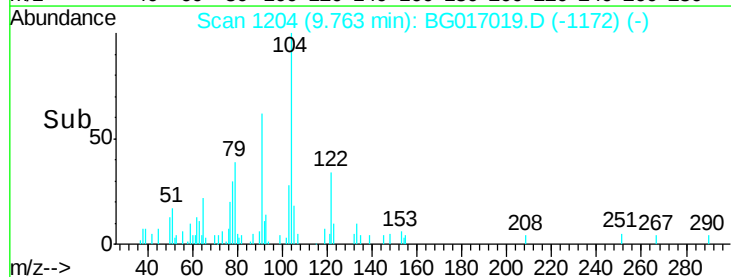
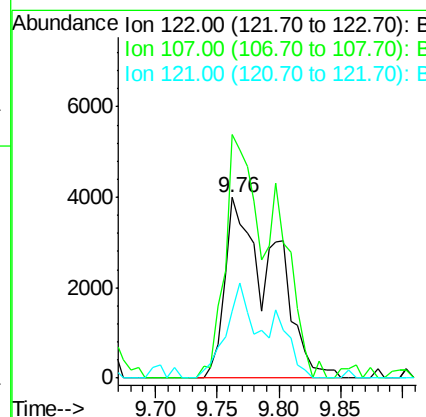
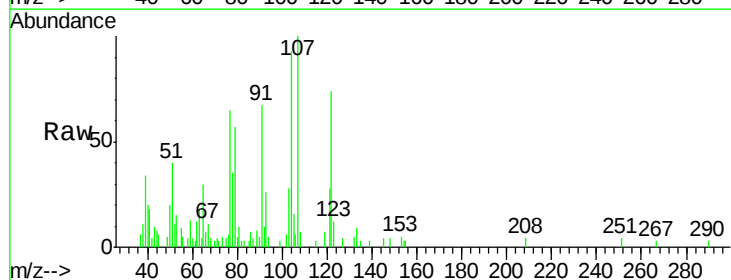
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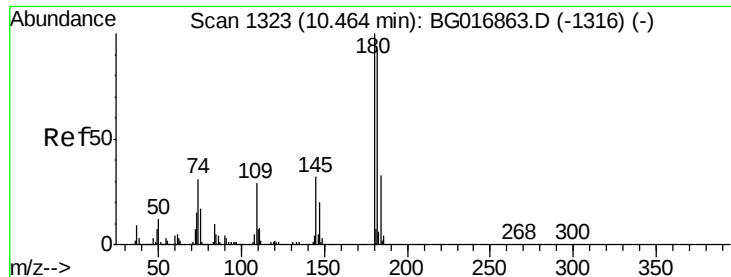
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#27
2,4-Dimethylphenol
Concen: 2.54 ng m
RT: 9.76 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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





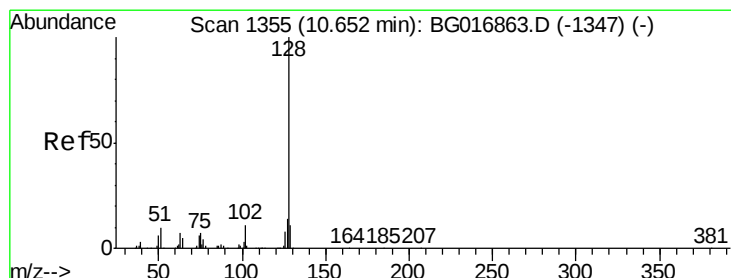
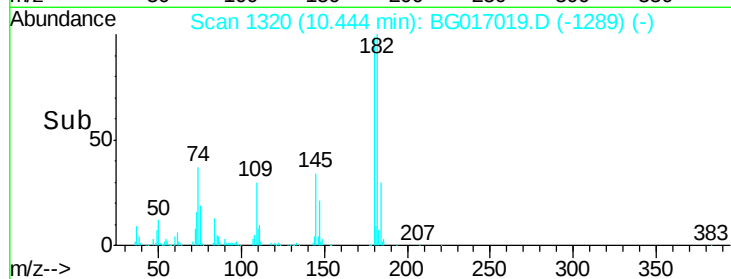
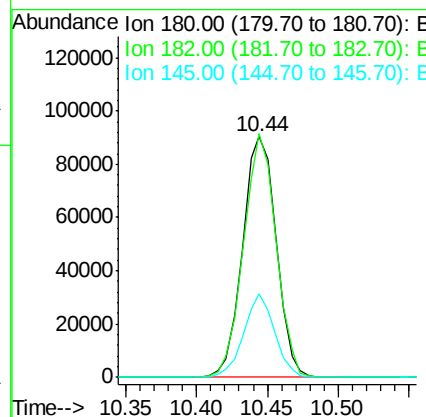
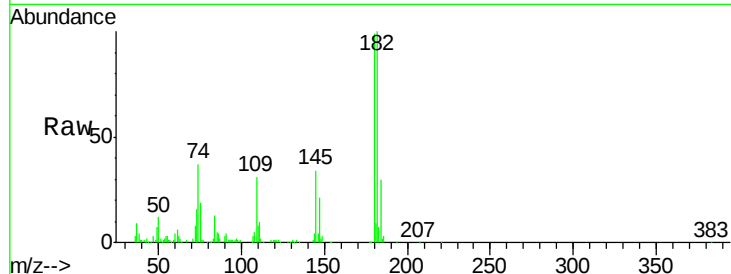
#30
 1,2,4-Trichlorobenzene
 Concen: 34.78 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

Instrument :
 BNA_G
 ClientSampleId :
 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	

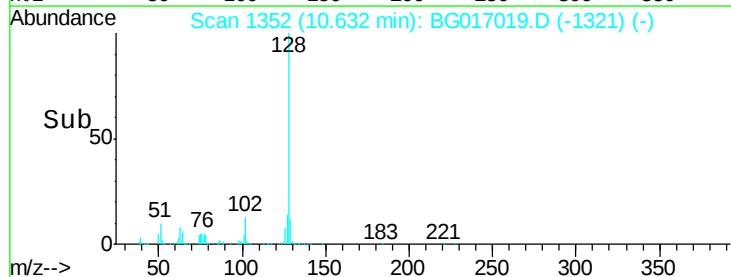
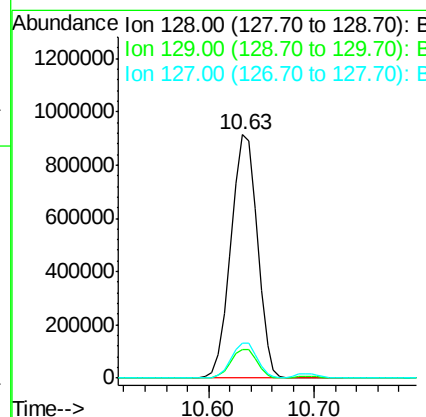
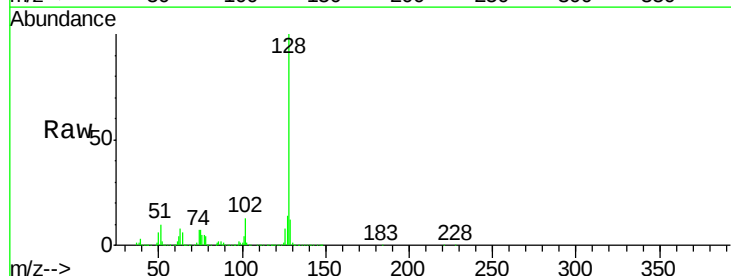
Manual Integrations
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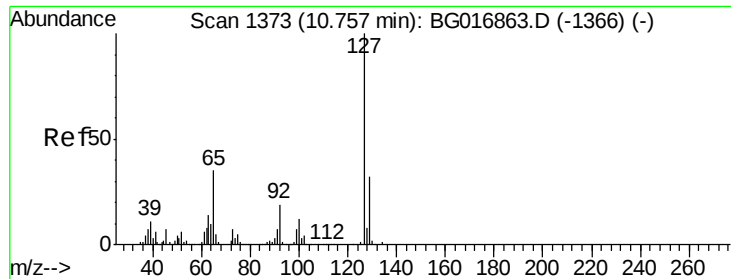
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#31
 Naphthalene
 Concen: 112.34 ng
 RT: 10.63 min Scan# 1352
 Delta R.T. -0.02 min
 Lab File: BG017019.D
 Acq: 10 May 2015 10:50

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





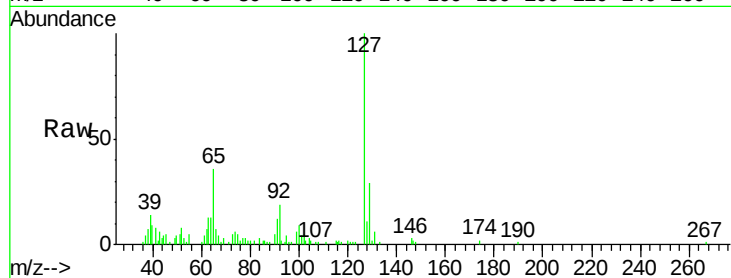
#33
4-Chloroaniline
Concen: 4.11 ng
RT: 10.70 min Scan# 1363
Delta R.T. -0.06 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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

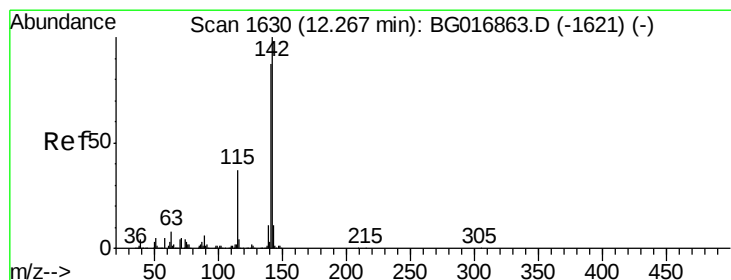
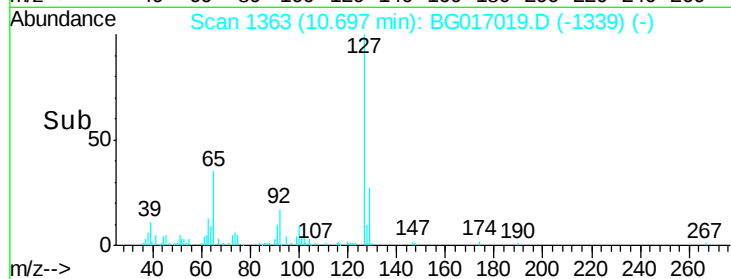
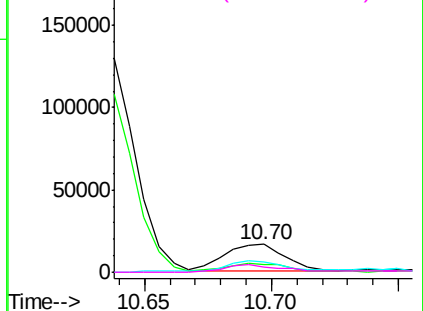
Tgt Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.8	38.6
65	36.3	28.2	42.2
92	18.7	15.6	23.4

Manual Integrations
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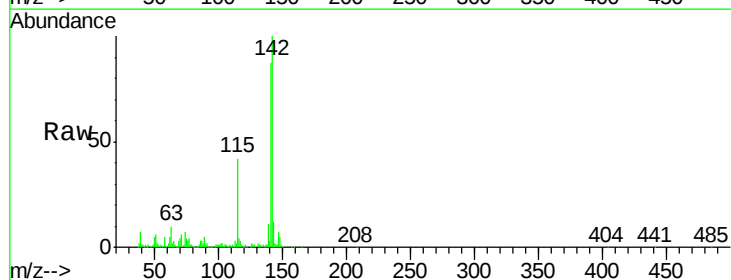


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

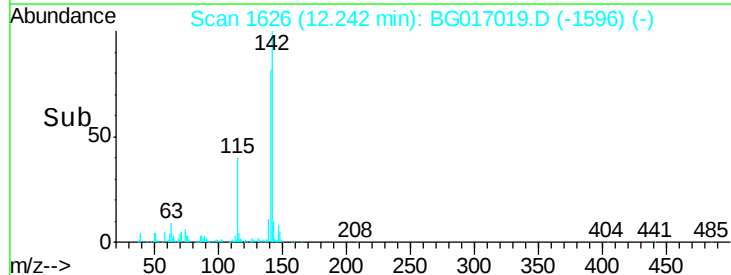
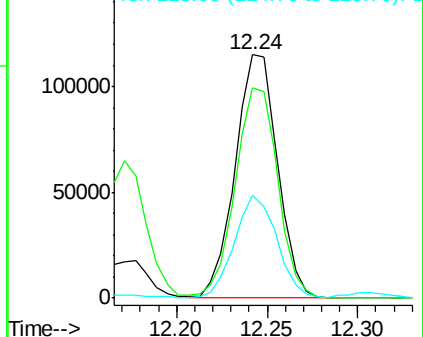


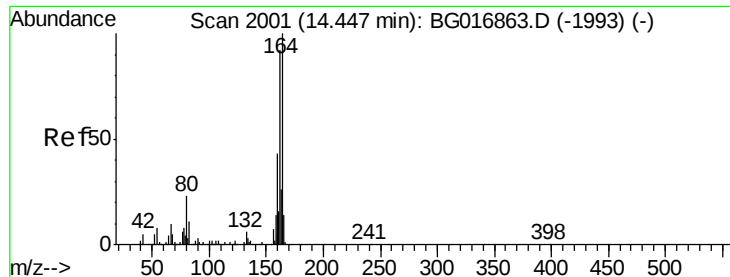
#37
2-Methylnaphthalene
Concen: 17.40 ng
RT: 12.24 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

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

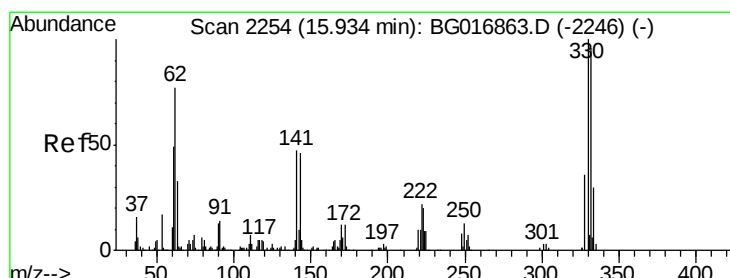
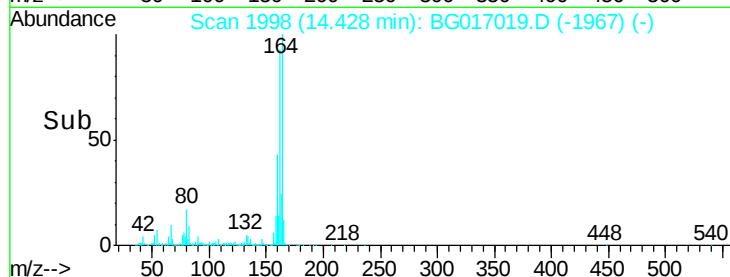
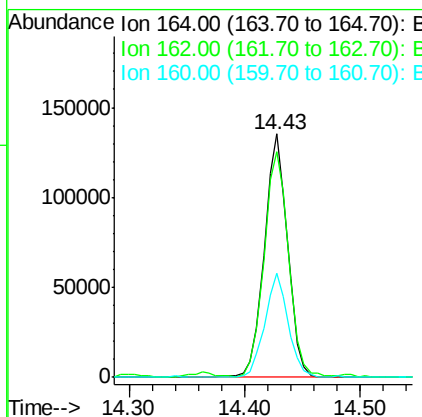
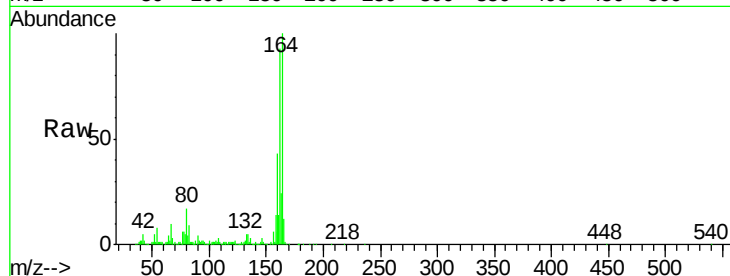
ClientSampleId :

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

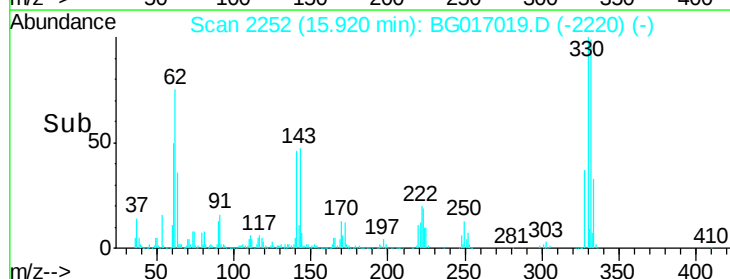
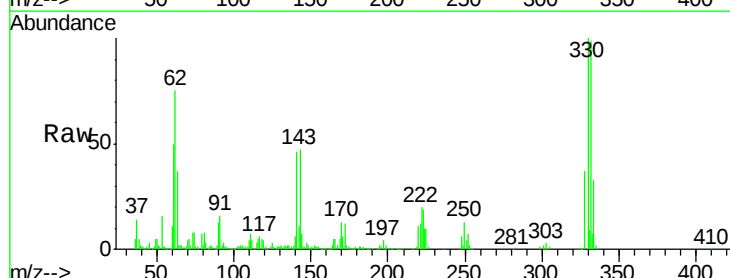
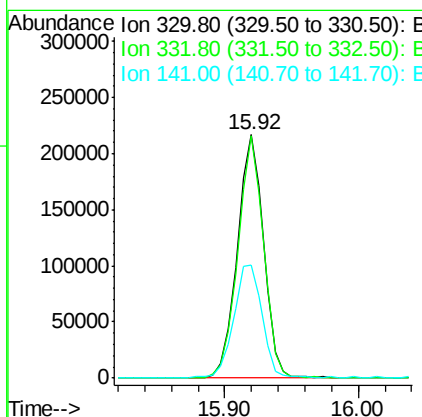
RT: 15.92 min Scan# 2252

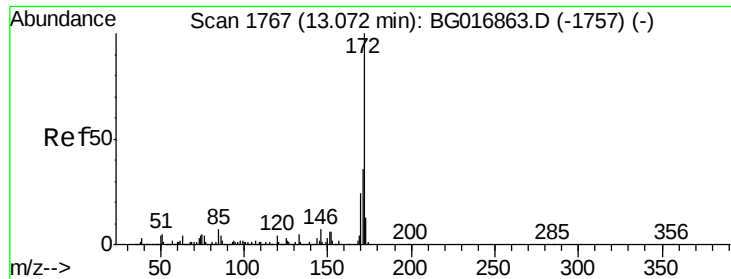
Delta R.T. -0.01 min

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

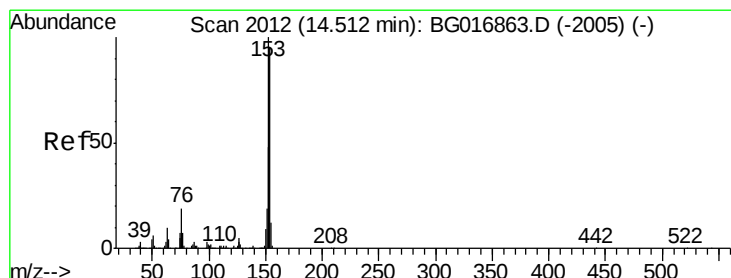
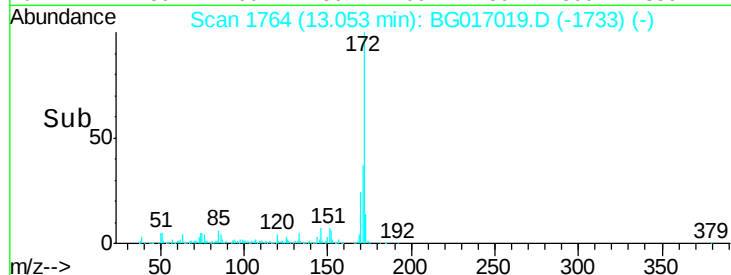
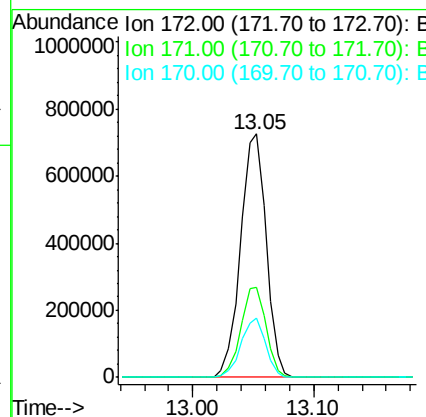
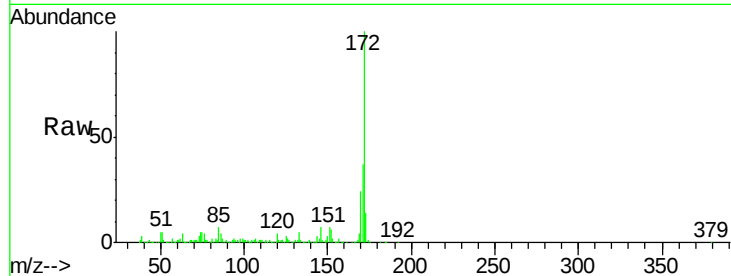
ClientSampleId :

DCW-WW-131-5515

Tgt Ion:	172	Resp:	1078255
Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.4
170	24.1	19.0	28.4

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#51

Acenaphthene

Concen: 2.85 ng

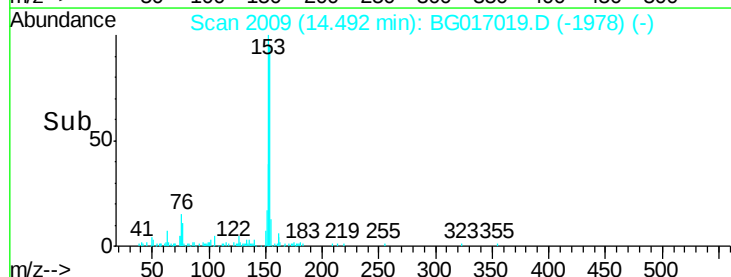
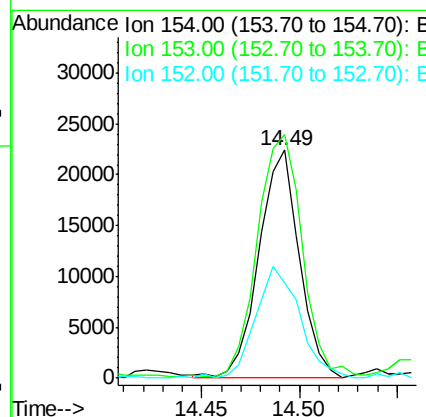
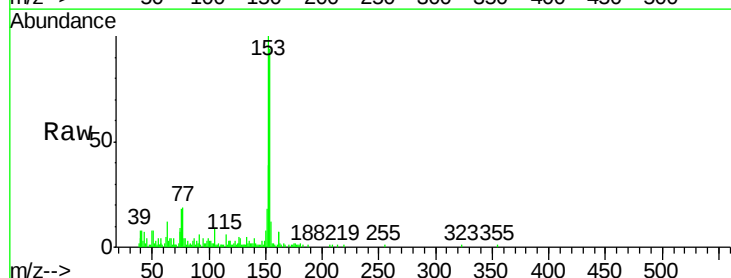
RT: 14.49 min Scan# 2009

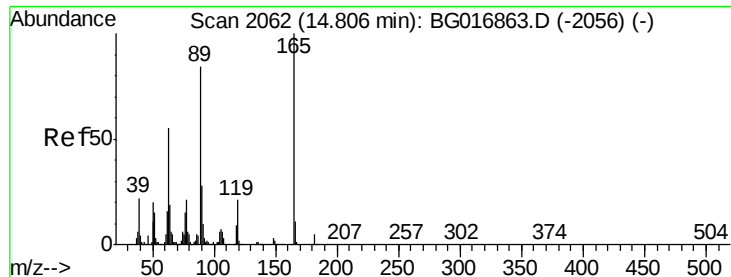
Delta R.T. -0.02 min

Lab File: BG017019.D

Acq: 10 May 2015 10:50

Tgt Ion:	154	Resp:	32052
Ion	Ratio	Lower	Upper
154	100		
153	106.8	84.2	126.4
152	41.7	40.2	60.2





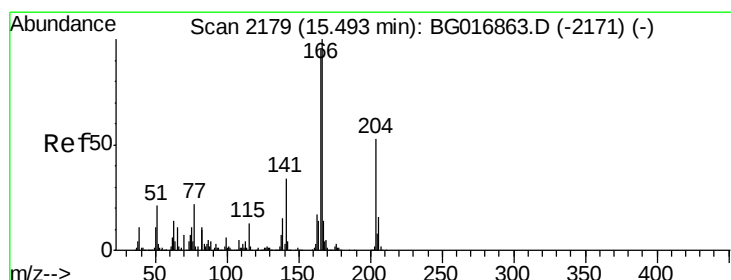
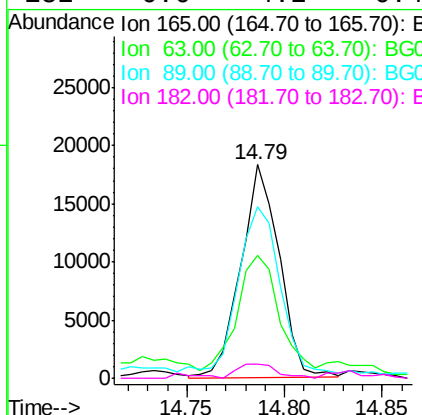
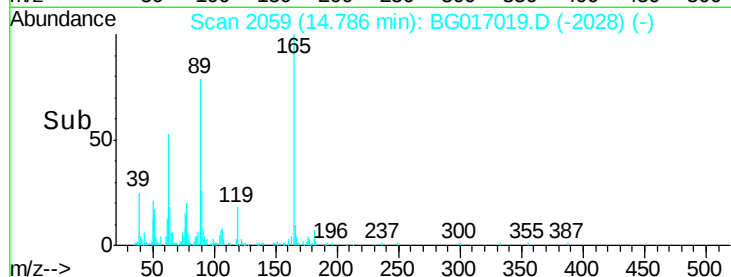
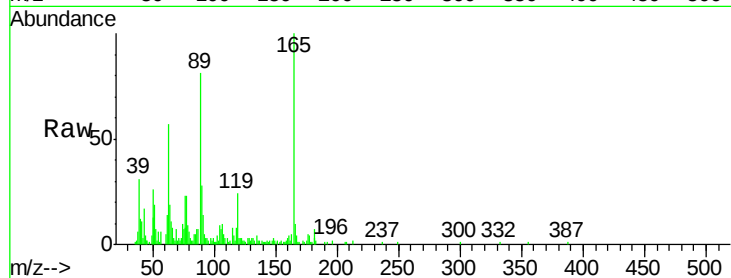
#56
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 14.79 min Scan# 2059
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

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

Tgt	Ion	165	Resp:	24840
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#	

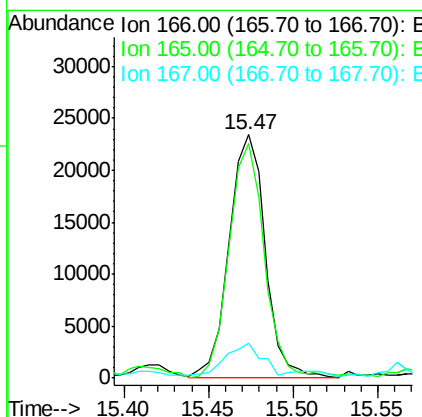
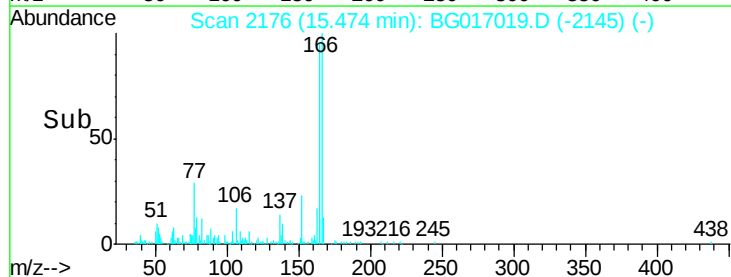
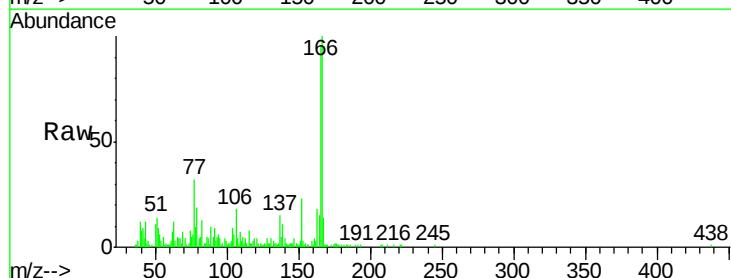
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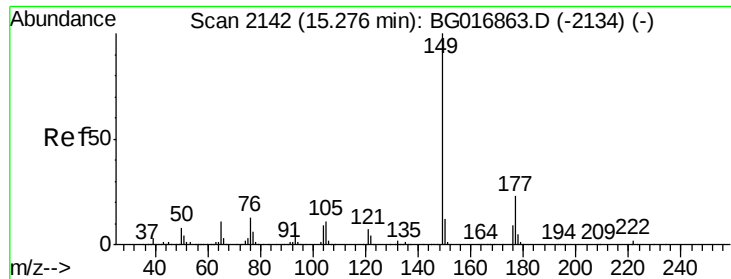
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#57
Fluorene
Concen: 2.48 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG017019.D
Acq: 10 May 2015 10:50

Tgt	Ion	166	Resp:	35007
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

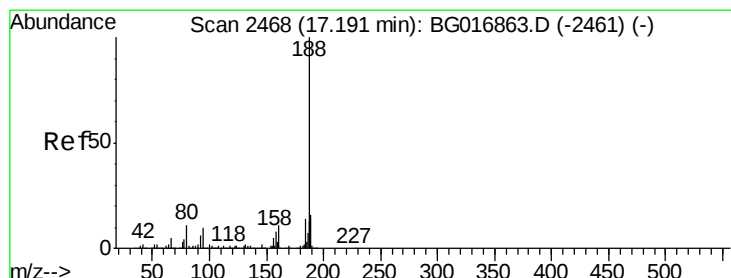
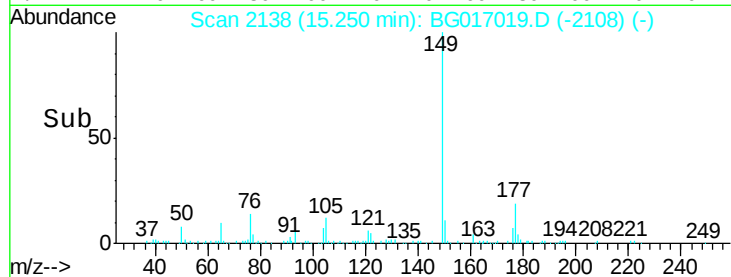
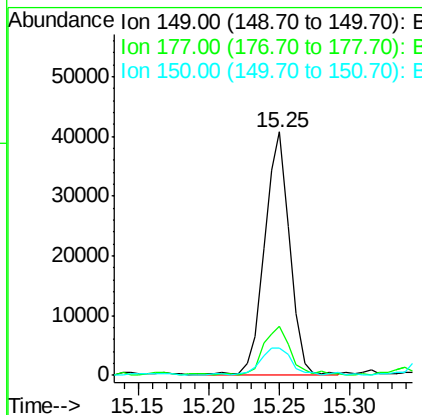
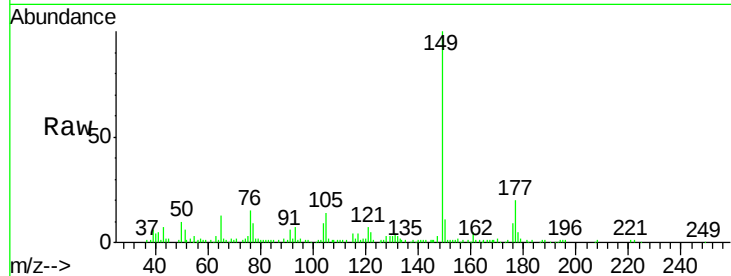
ClientSampleId :

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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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#63

Phenanthrene-d10

Concen: 20.00 ng

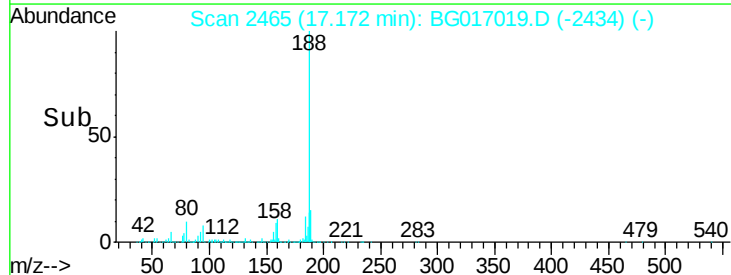
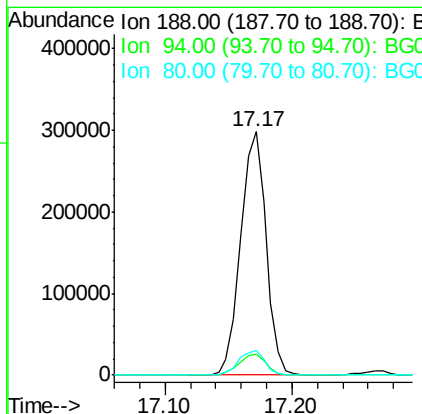
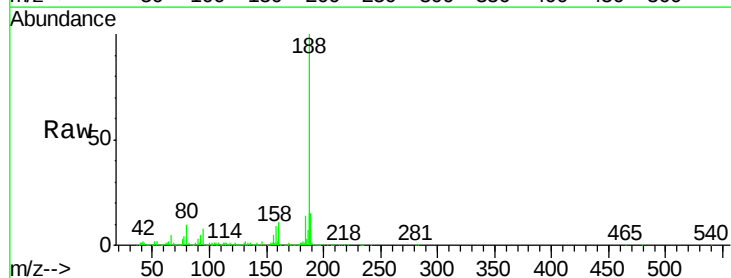
RT: 17.17 min Scan# 2465

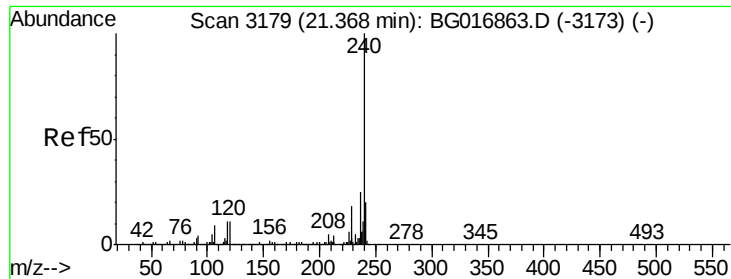
Delta R.T. -0.02 min

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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG017019.D

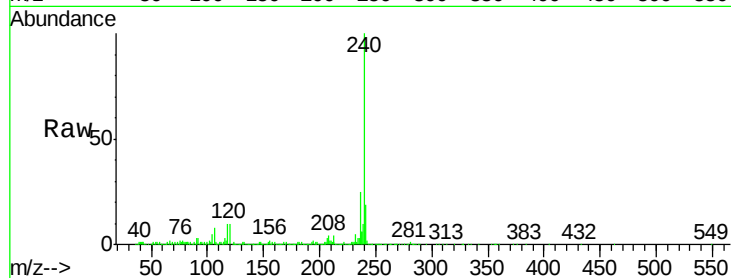
Acq: 10 May 2015 10:50

Instrument :

BNA_G

ClientSampleId :

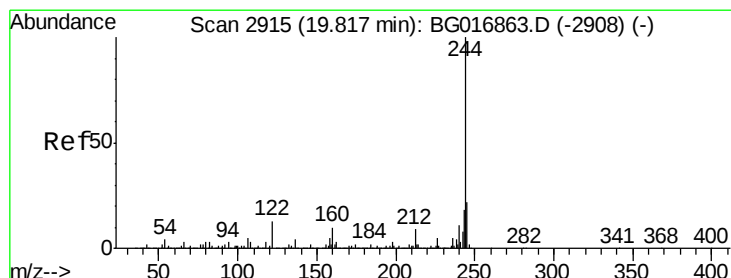
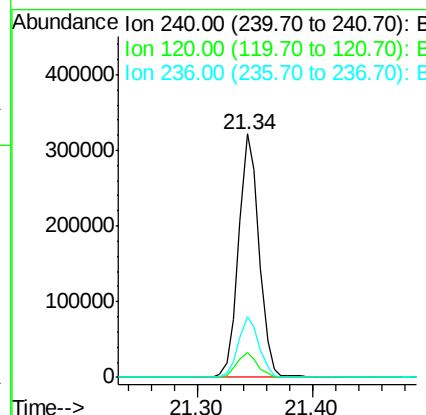
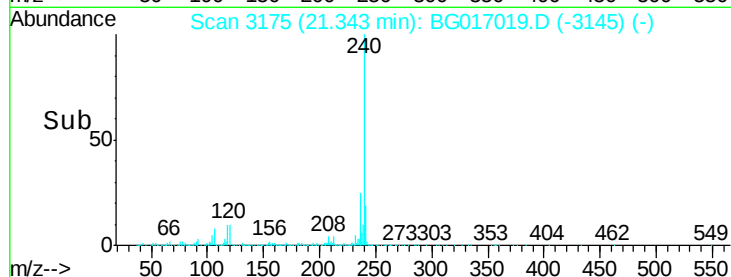
DCW-WW-131-5515



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

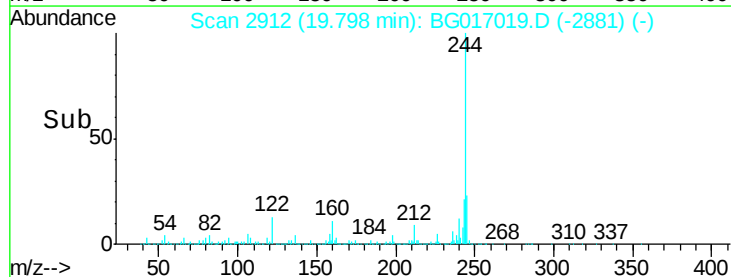
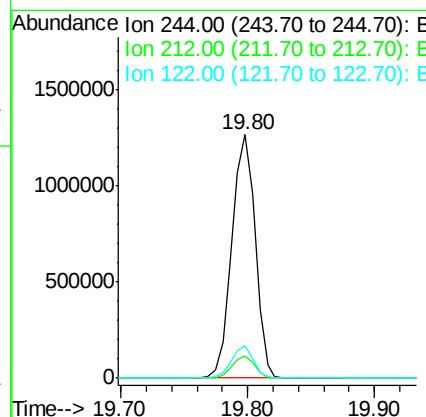
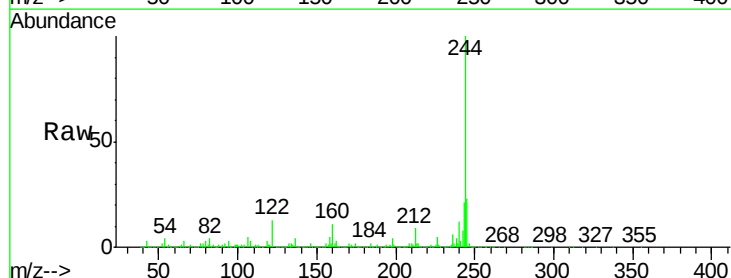
RT: 19.80 min Scan# 2912

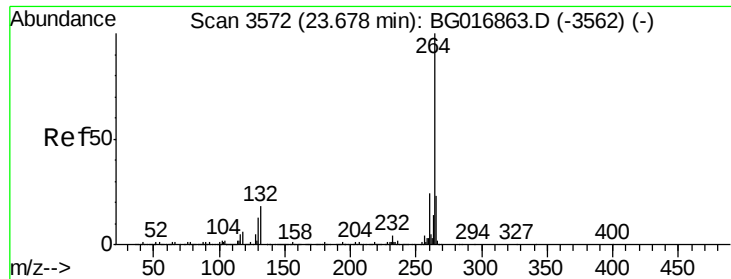
Delta R.T. -0.02 min

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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