

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017020.D
 Acq On : 10 May 2015 11:25
 Operator : TP/IZ
 Sample : G2171-04
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615

Manual Integrations
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Quant Time: May 11 07:49:25 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	58358	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	271140	20.00	ng	-0.02
38) Acenaphthene-d10	14.42	164	184009	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	384677	20.00	ng	-0.02
75) Chrysene-d12	21.34	240	380496	20.00	ng	-0.02
86) Perylene-d12	23.64	264	370753	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	238099	71.04	ng	0.00
7) Phenol-d6	6.97	99	210606	43.98	ng	0.00
23) Nitrobenzene-d5	8.95	82	507939	91.52	ng	-0.02
41) 2,4,6-Tribromophenol	15.92	330	311081	168.40	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	1082538	88.78	ng	-0.02
78) Terphenyl-d14	19.79	244	1528733	94.19	ng	-0.02
Target Compounds						
3) Pyridine	3.69	79	9050	2.08	ng	Qvalue # 88
13) 1,4-Dichlorobenzene	7.83	146	26401	6.09	ng	91
14) 1,2-Dichlorobenzene	8.14	146	14132	3.40	ng	96
17) 2-Methylphenol	8.24	107	13134	3.63	ng	90
22) Acetophenone	8.60	105	20993	3.25	ng	# 92
27) 2,4-Dimethylphenol	9.78	122	16560m	4.01	ng	
30) 1,2,4-Trichlorobenzene	10.45	180	148212	35.82	ng	88
31) Naphthalene	10.64	128	2341064	173.59	ng	# 93
33) 4-Chloroaniline	10.69	127	42986	6.90	ng	95
37) 2-Methylnaphthalene	12.24	142	287713	28.01	ng	# 95
51) Acenaphthene	14.49	154	35321	3.27	ng	96
56) 2,4-Dinitrotoluene	14.79	165	32606	8.93	ng	# 96
57) Fluorene	15.48	166	42094	3.10	ng	97
59) Diethylphthalate	15.25	149	36872	2.54	ng	98
73) Di-n-butylphthalate	18.14	149	55716	2.26	ng	# 95

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

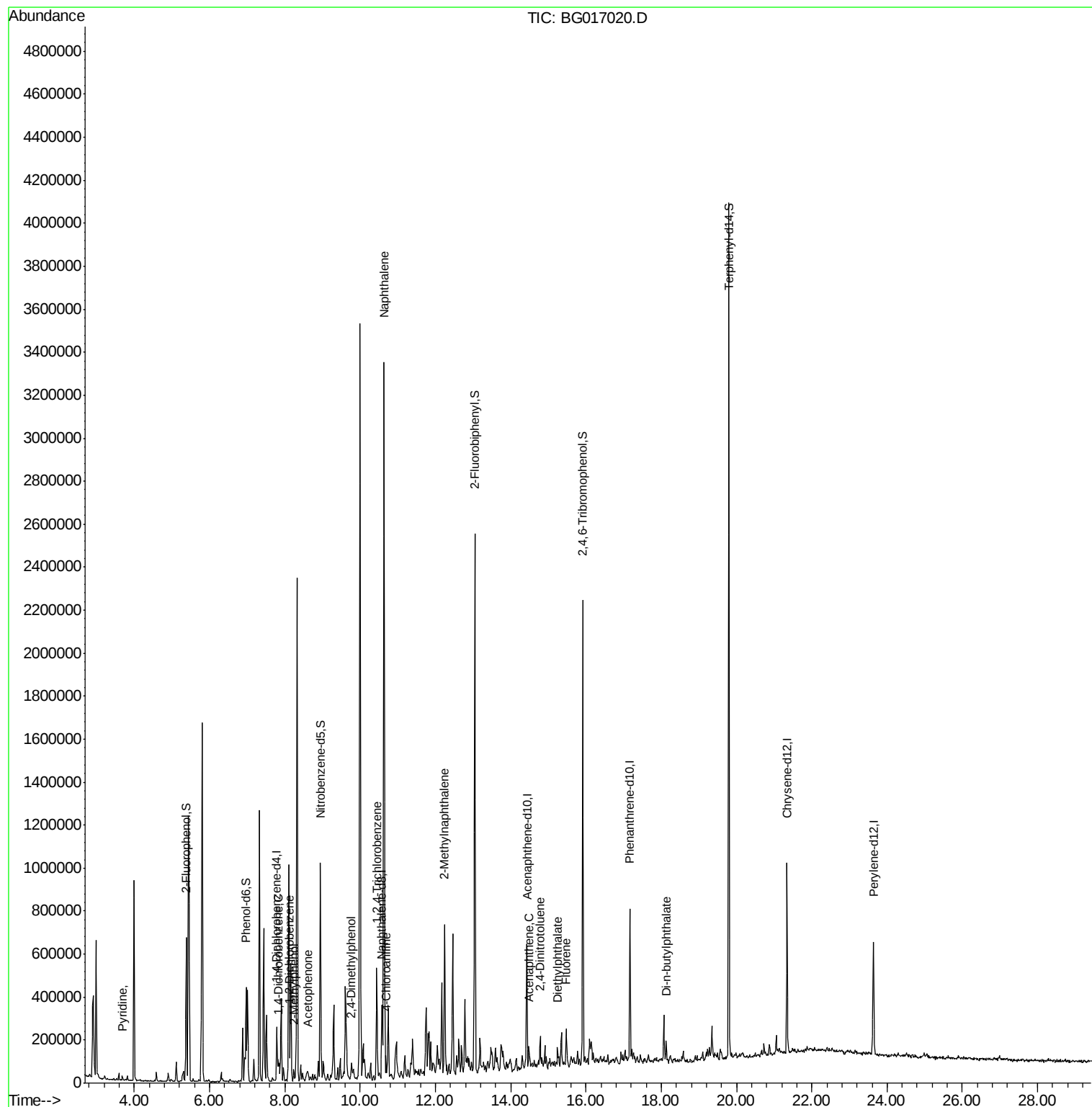
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG017020.D
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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#1

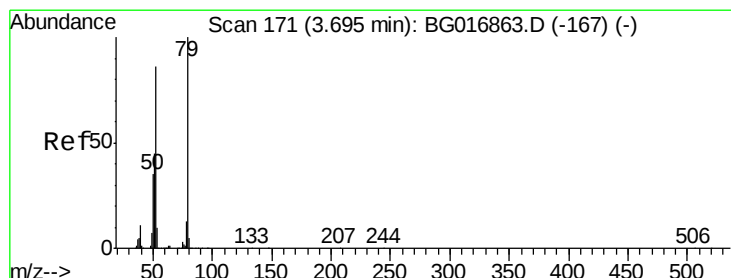
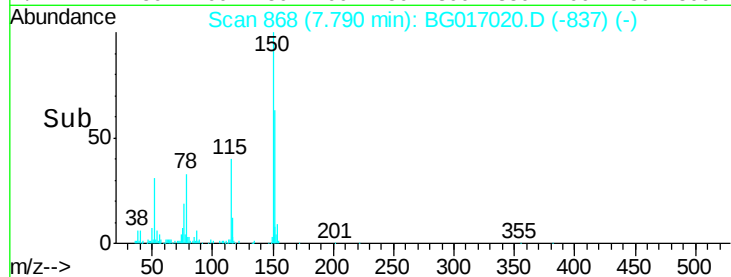
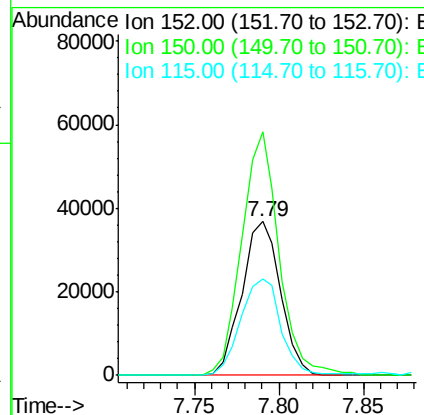
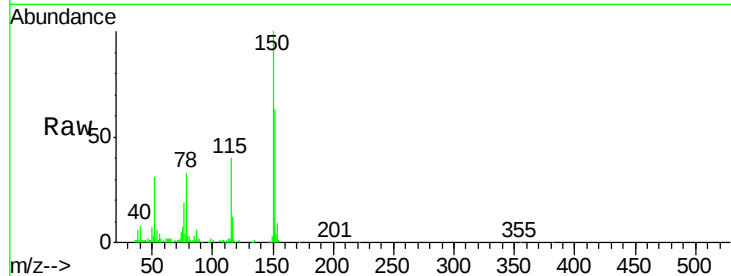
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	58358		
150	158.2	121.0	181.4	
115	62.5	50.5	75.7	

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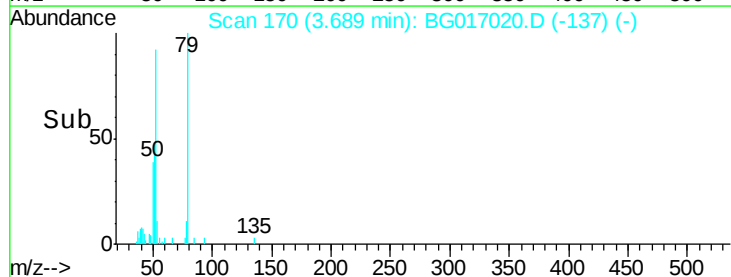
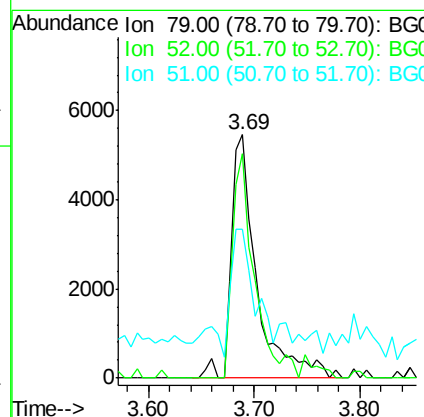
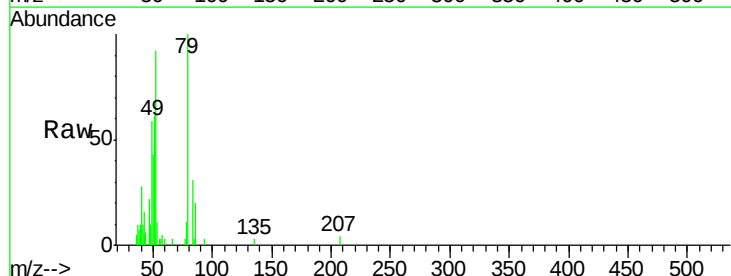
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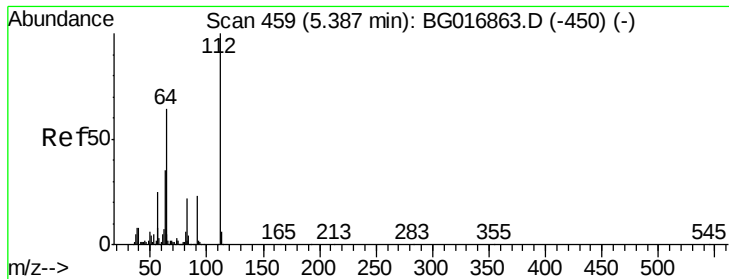


#3

Pyridine
Concen: 2.08 ng
RT: 3.69 min Scan# 170
Delta R.T. -0.01 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
79	100	9050		
52	92.0	68.5	102.7	
51	61.0	37.8	56.8	





#5

2-Fluorophenol

Concen: 71.04 ng

RT: 5.38 min Scan# 458

Delta R.T. -0.01 min

Lab File: BG017020.D

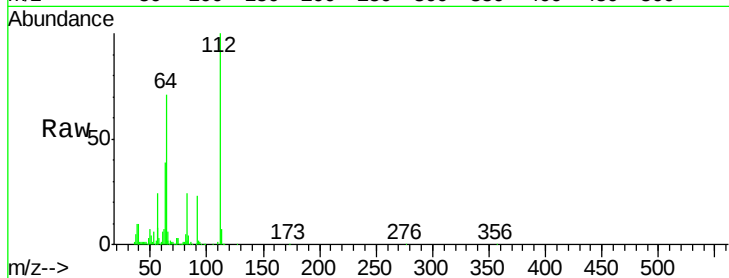
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Instrument :

BNA_G

ClientSampleId :

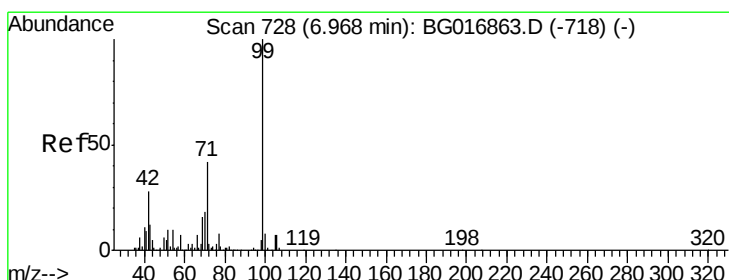
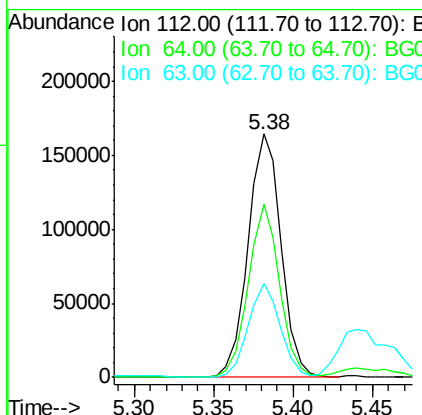
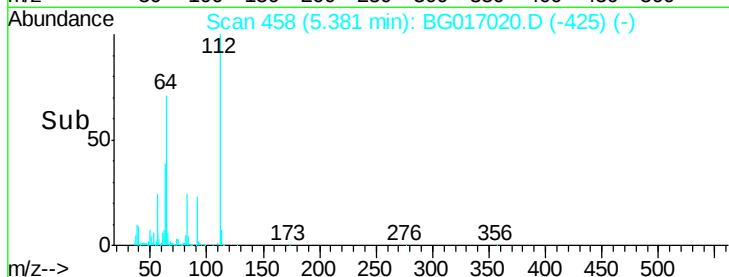
DCW-WW-134-5615



Tgt Ion	Ratio	Resp	Lower	Upper
112	100	238099		
64	71.1	51.4	77.2	
63	38.7	28.1	42.1	

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#7

Phenol-d6

Concen: 43.98 ng

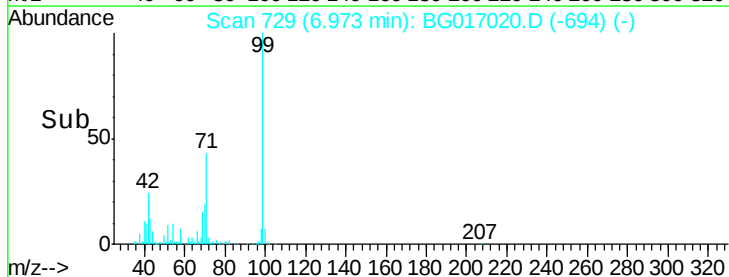
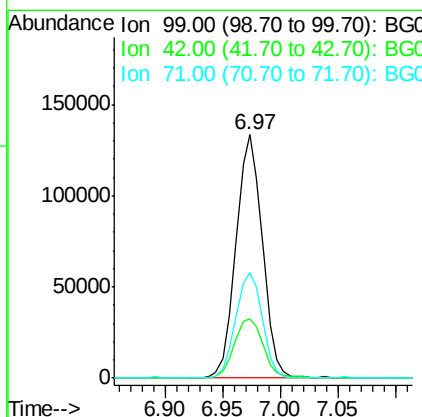
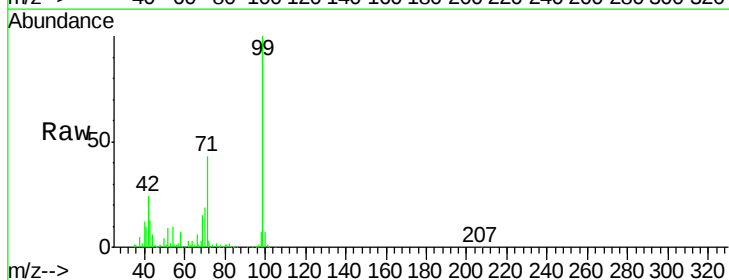
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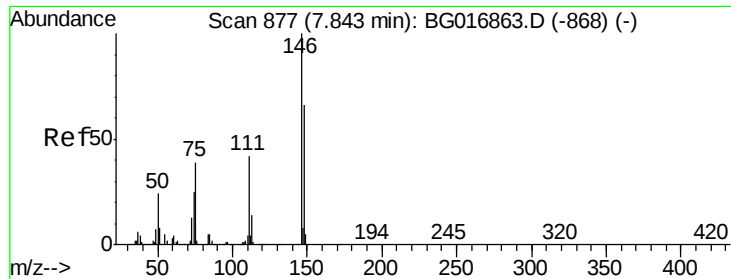
Delta R.T. 0.01 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	210606		
42	24.4	22.1	33.1	
71	43.3	33.4	50.0	





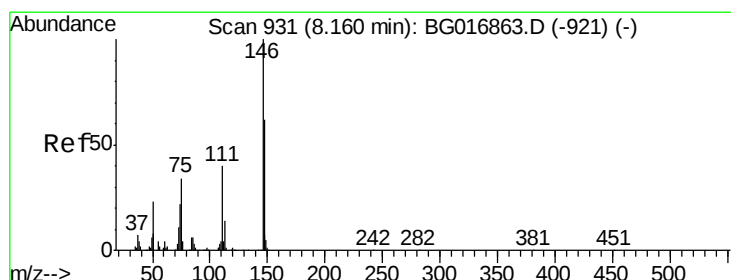
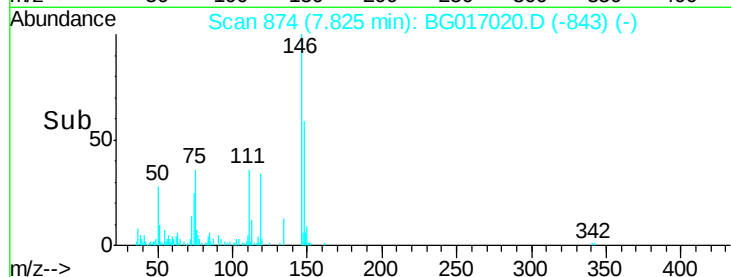
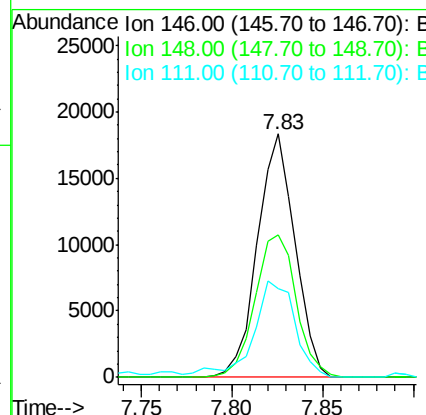
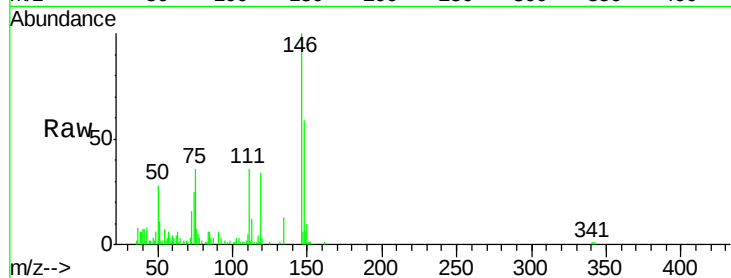
#13
 1,4-Dichlorobenzene
 Concen: 6.09 ng
 RT: 7.83 min Scan# 874
 Delta R.T. -0.02 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615

Tgt Ion	Ratio	Lower	Upper
146	100		
148	58.6	52.8	79.2
111	36.3	33.9	50.9

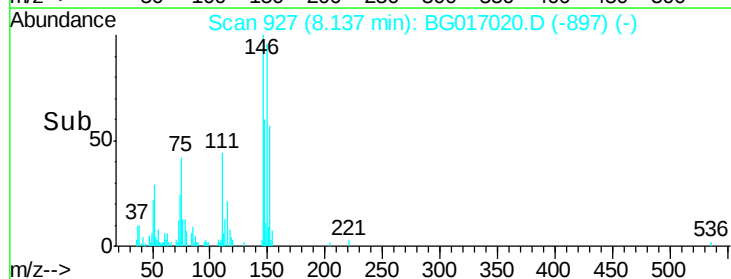
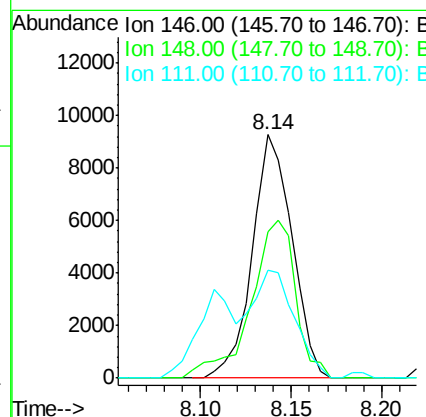
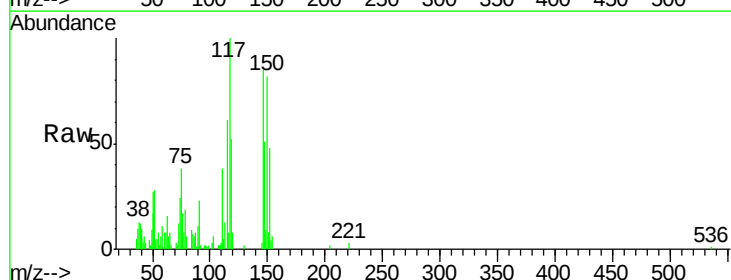
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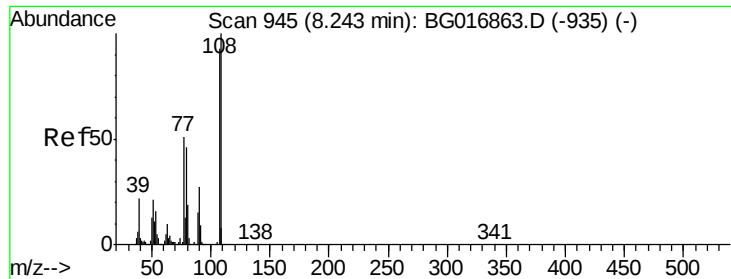
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#14
 1,2-Dichlorobenzene
 Concen: 3.40 ng
 RT: 8.14 min Scan# 927
 Delta R.T. -0.02 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	60.2	49.9	74.9
111	44.3	32.1	48.1





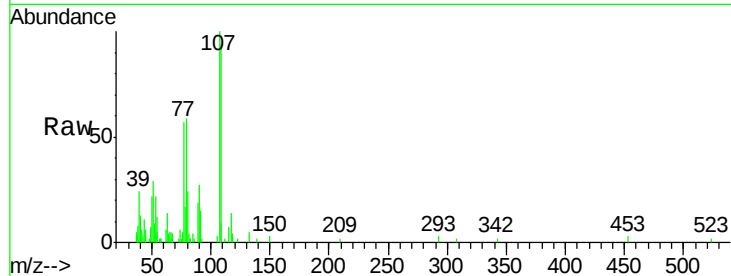
#17
2-Methylphenol
Concen: 3.63 ng
RT: 8.24 min Scan# 945
Delta R.T. -0.00 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615

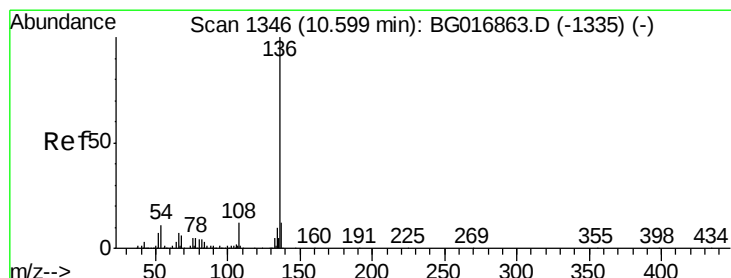
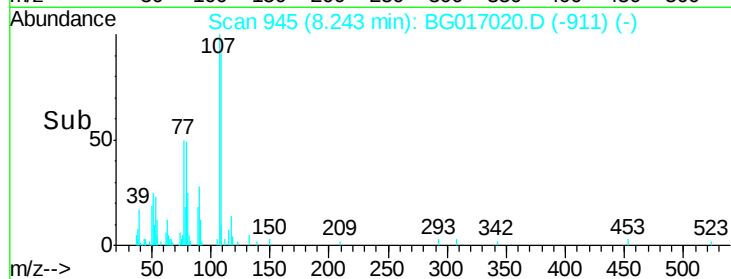
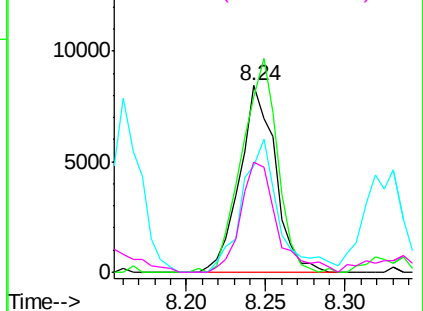
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	94.0	85.9	128.9	
77	56.7	43.8	65.6	
79	59.2	39.8	59.6	

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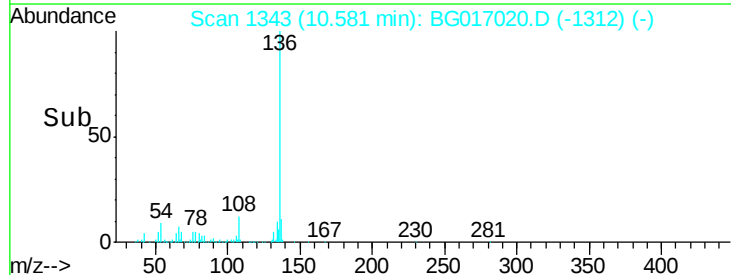
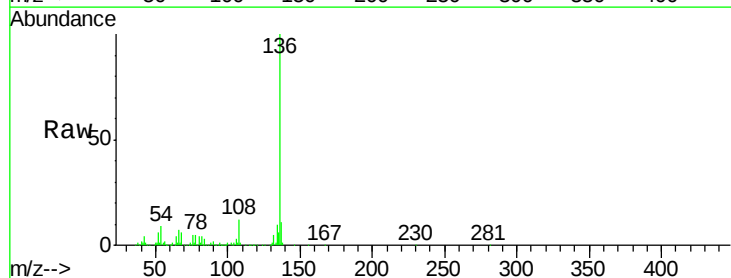
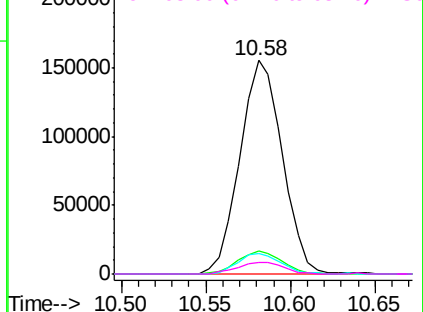
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Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

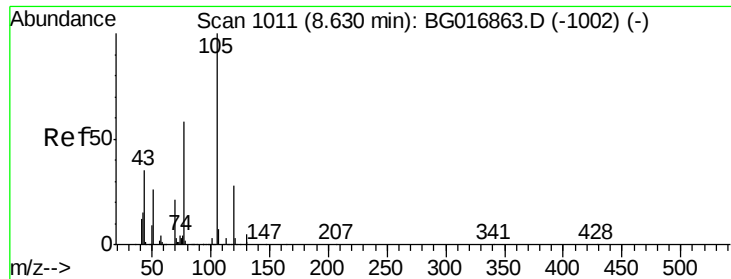


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	9.8	14.8	
54	9.4	8.7	13.1	
68	5.6	5.0	7.4	

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#22

Acetophenone

Concen: 3.25 ng

RT: 8.60 min Scan# 1006

Delta R.T. -0.03 min

Lab File: BG017020.D

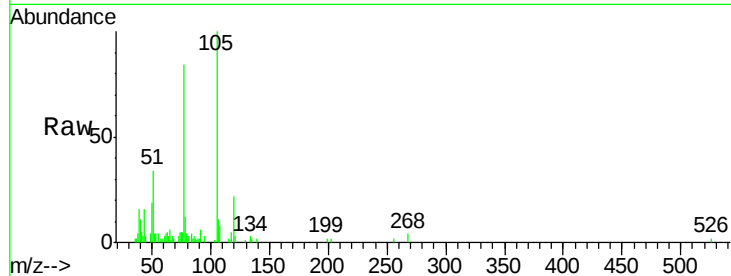
Acq: 10 May 2015 11:25

Instrument :

BNA_G

ClientSampleId :

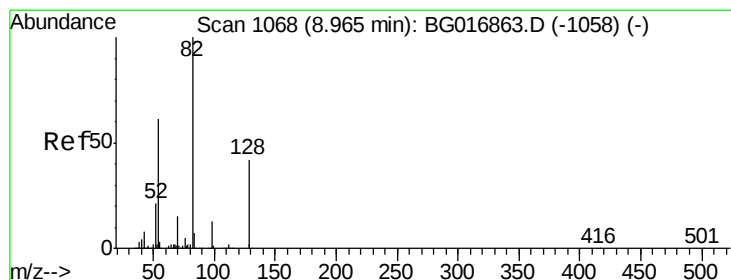
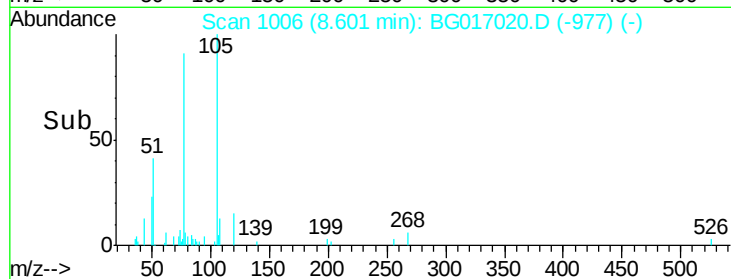
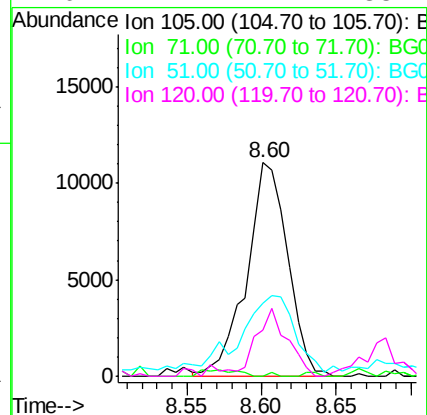
DCW-WW-134-5615



Tgt Ion	Ratio	Lower	Upper
105	100		
71	0.0	2.8	4.2#
51	34.2	29.4	44.2
120	21.7	22.2	33.4#

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#23

Nitrobenzene-d5

Concen: 91.52 ng

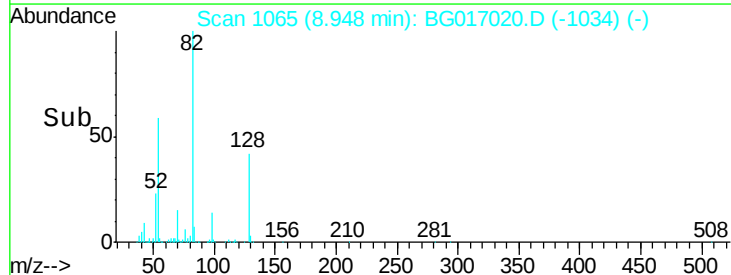
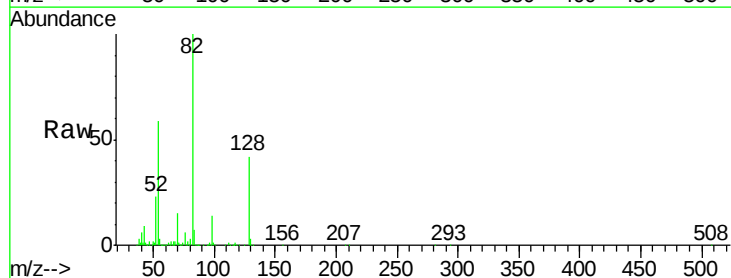
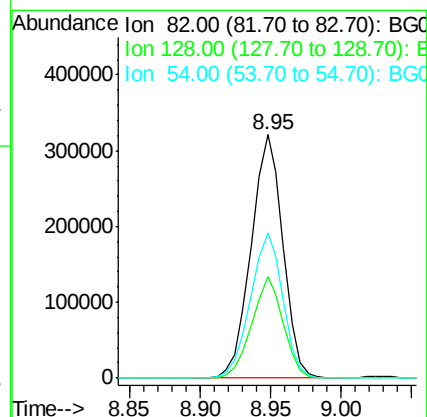
RT: 8.95 min Scan# 1065

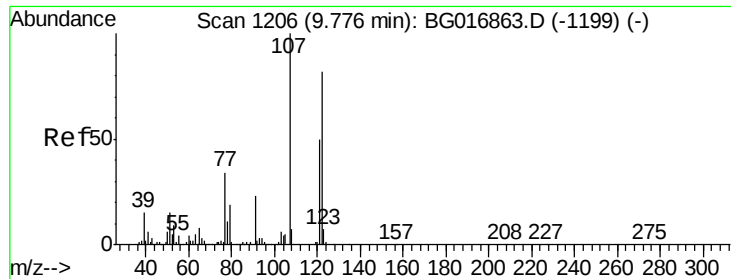
Delta R.T. -0.02 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.2	49.8
54	59.5	48.6	72.8





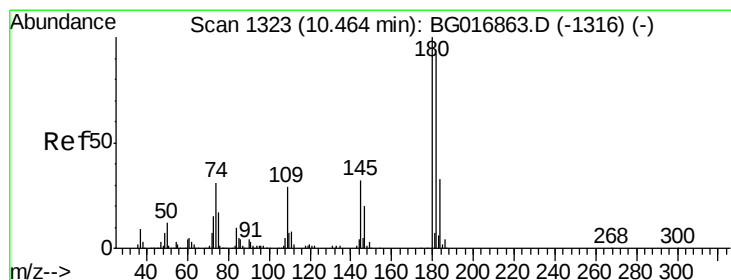
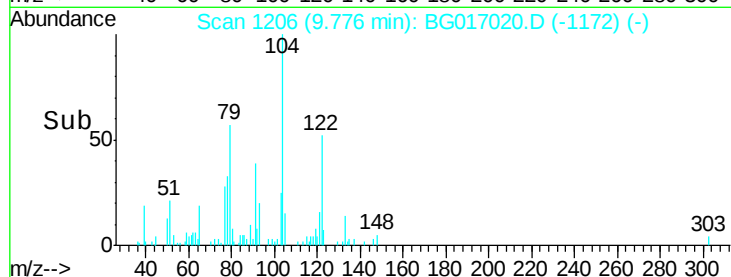
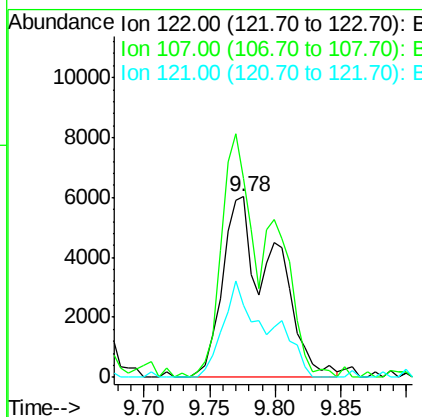
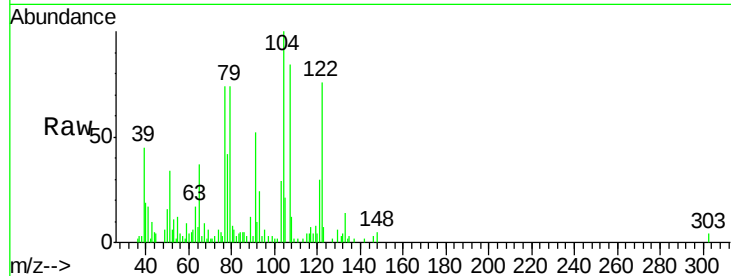
#27
 2,4-Dimethylphenol
 Concen: 4.01 ng m
 RT: 9.78 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	16560		
107	110.2	97.6	146.4	
121	39.9	48.4	72.6#	

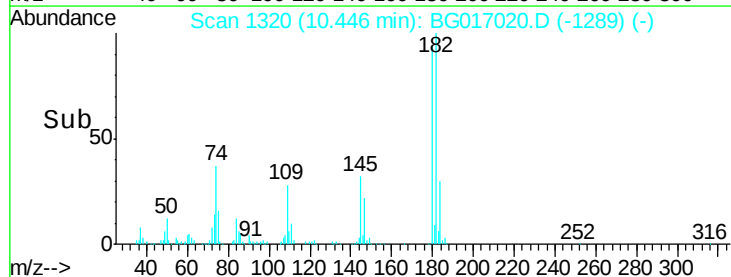
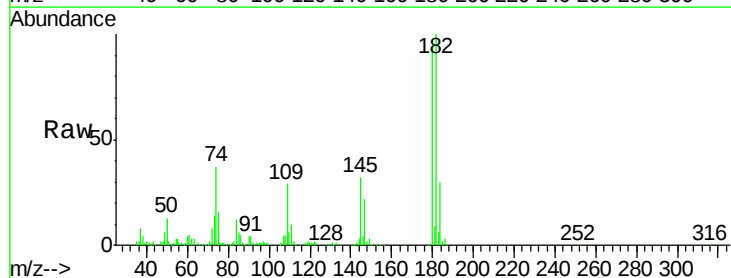
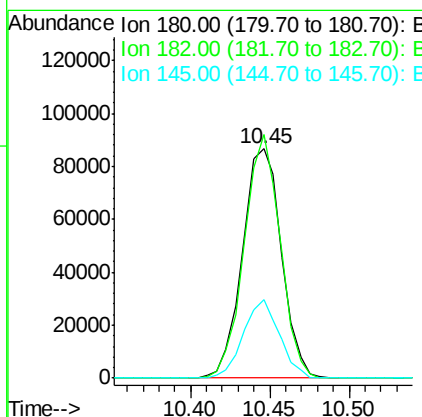
Manual Integrations
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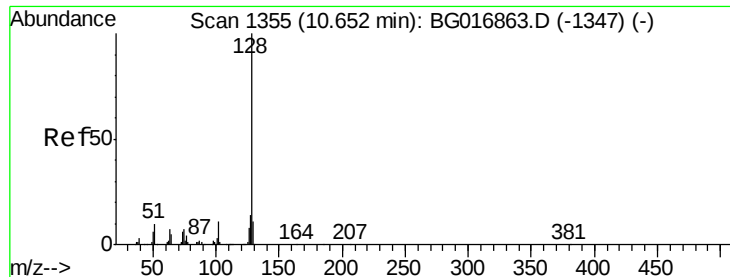
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#30
 1,2,4-Trichlorobenzene
 Concen: 35.82 ng
 RT: 10.45 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	148212		
182	106.2	73.8	110.8	
145	34.2	25.4	38.0	





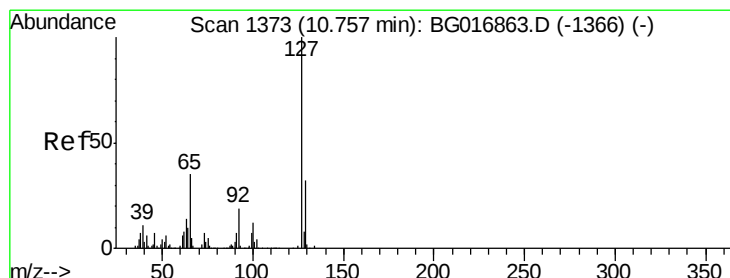
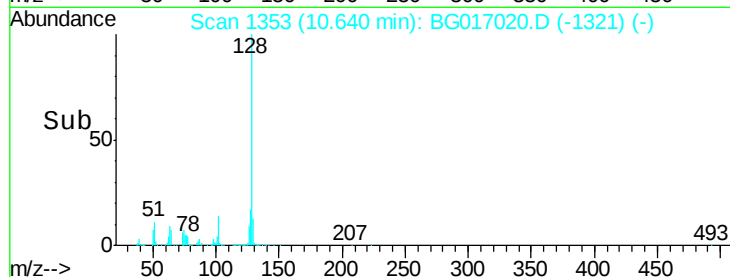
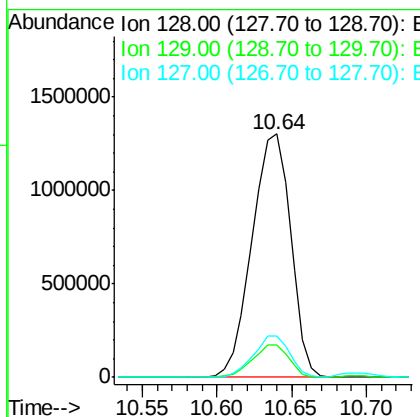
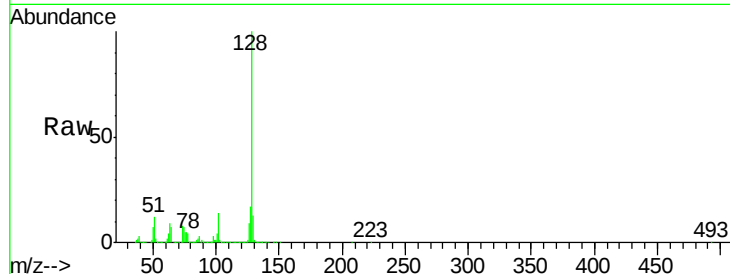
#31
Naphthalene
Concen: 173.59 ng
RT: 10.64 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	16.8	10.9	16.3

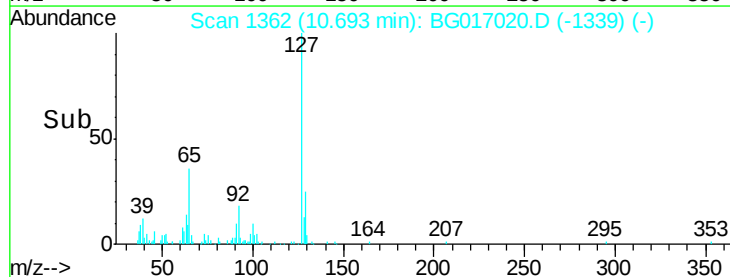
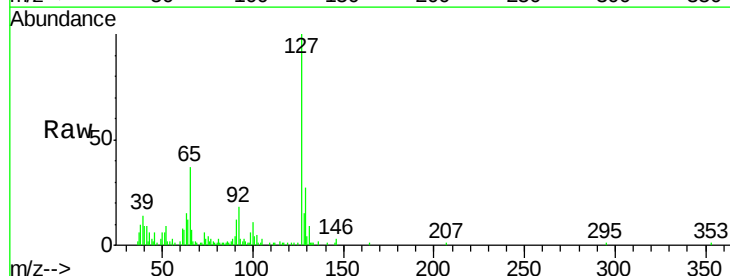
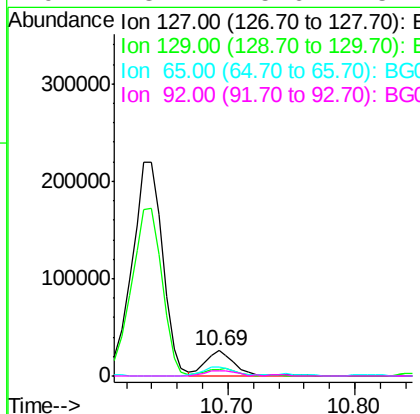
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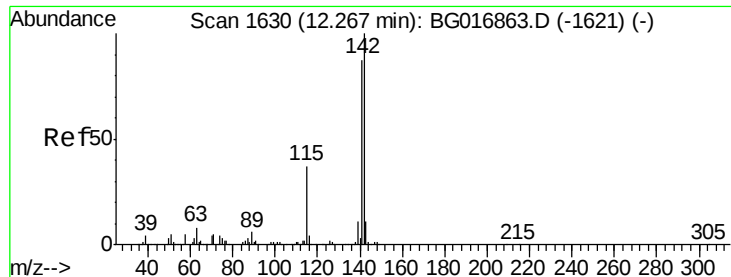
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#33
4-Chloroaniline
Concen: 6.90 ng
RT: 10.69 min Scan# 1362
Delta R.T. -0.06 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Lower	Upper
127	100		
129	27.3	25.8	38.6
65	37.0	28.2	42.2
92	18.2	15.6	23.4





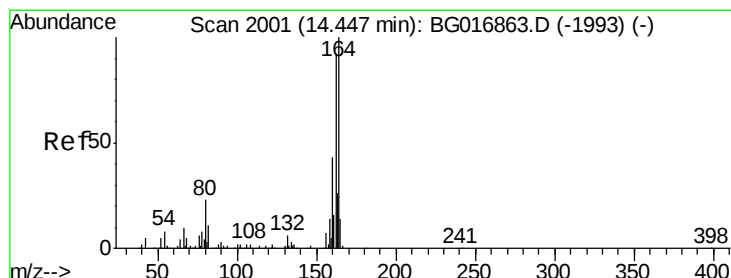
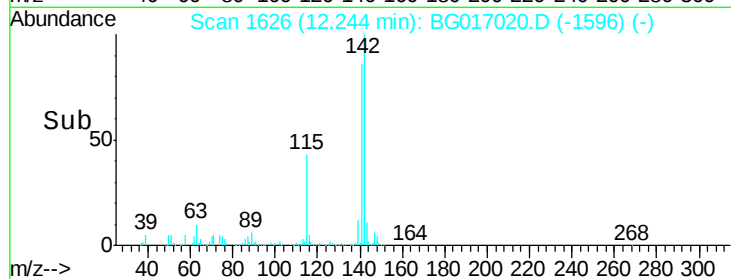
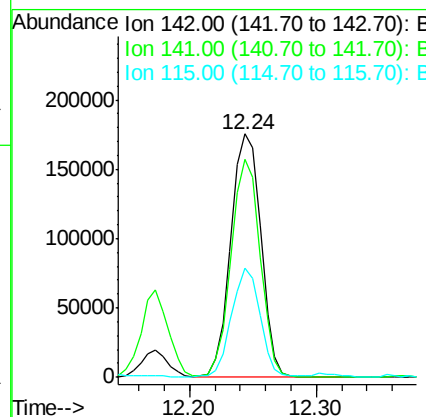
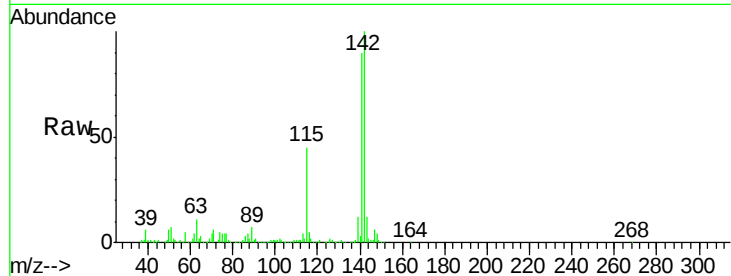
#37
2-Methylnaphthalene
Concen: 28.01 ng
RT: 12.24 min Scan# 1626
Delta R.T. -0.02 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Instrument :
BNA_G
ClientSampleId :
DCW-WW-134-5615

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	287713		
141	89.6	69.9	104.9	
115	44.8	29.8	44.8	

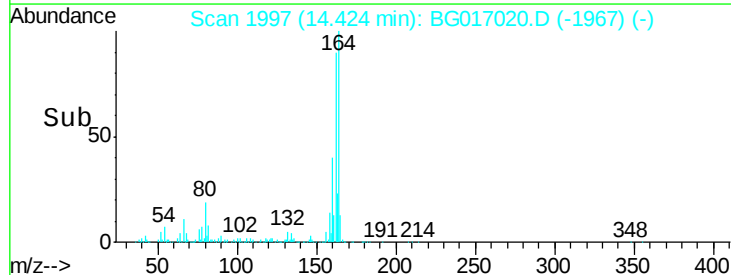
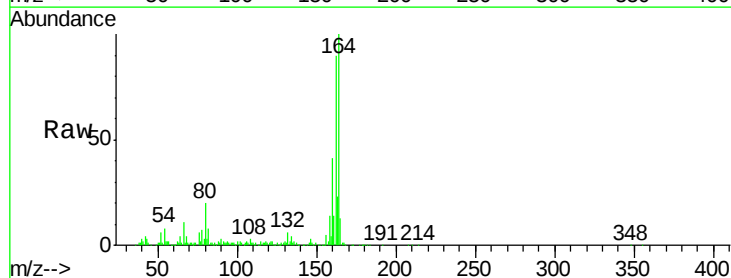
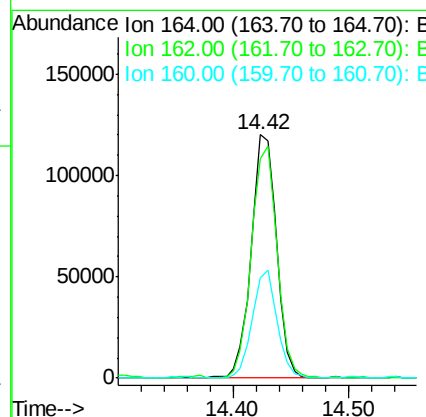
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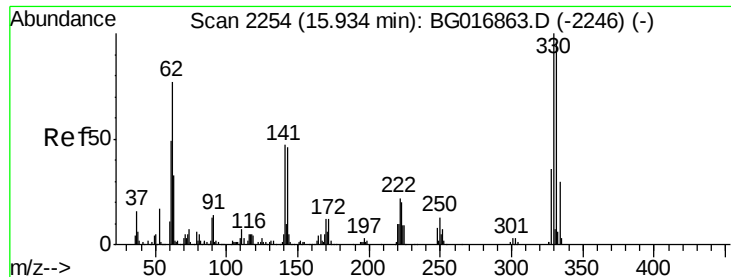
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.02 min
Lab File: BG017020.D
Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	184009		
162	89.9	74.0	111.0	
160	41.3	34.7	52.1	





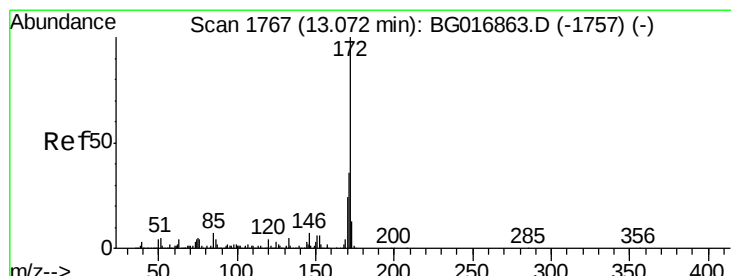
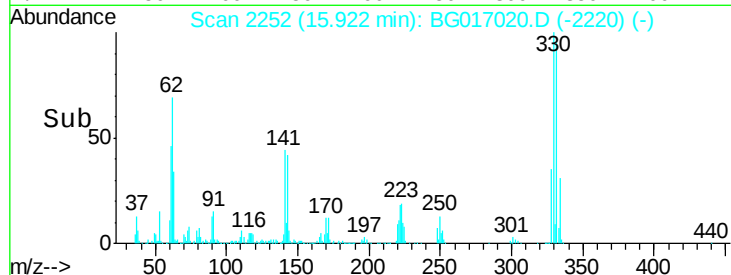
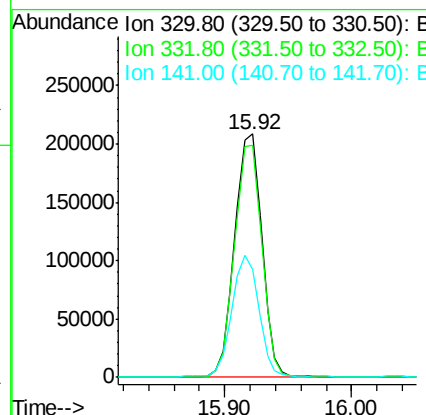
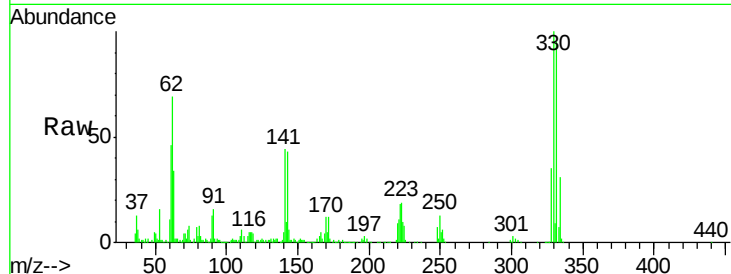
#41
 2,4,6-Tribromophenol
 Concen: 168.40 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	311081		
332	95.6	0.0	0.0	0.0
141	49.6	0.0	0.0	0.0

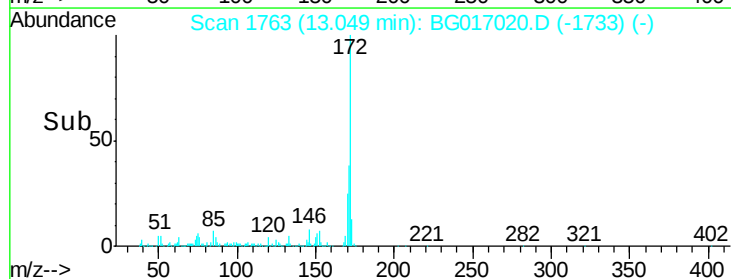
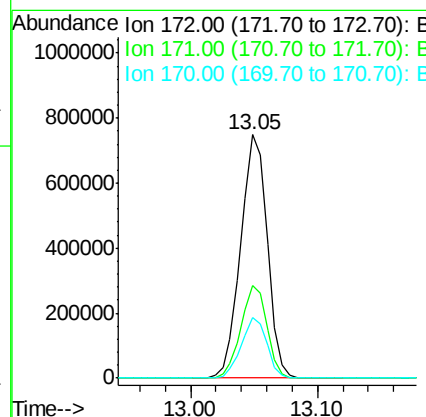
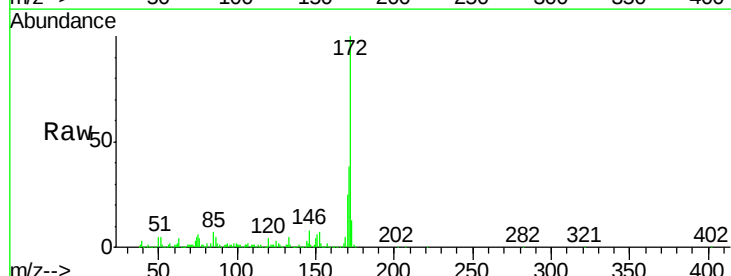
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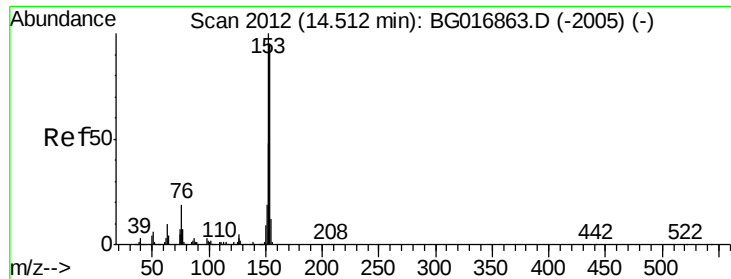
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#44
 2-Fluorobiphenyl
 Concen: 88.78 ng
 RT: 13.05 min Scan# 1763
 Delta R.T. -0.02 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1082538		
171	37.8	29.0	43.4	
170	24.8	19.0	28.4	





#51

Acenaphthene

Concen: 3.27 ng

RT: 14.49 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BG017020.D

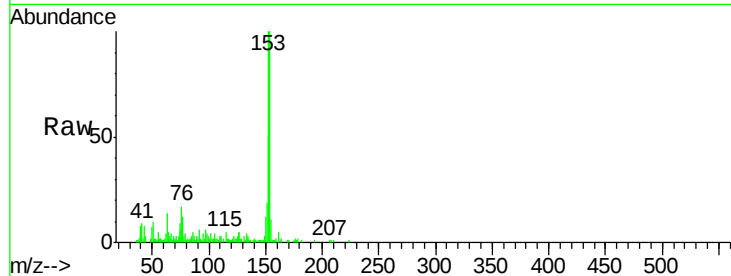
Acq: 10 May 2015 11:25

Instrument :

BNA_G

ClientSampleId :

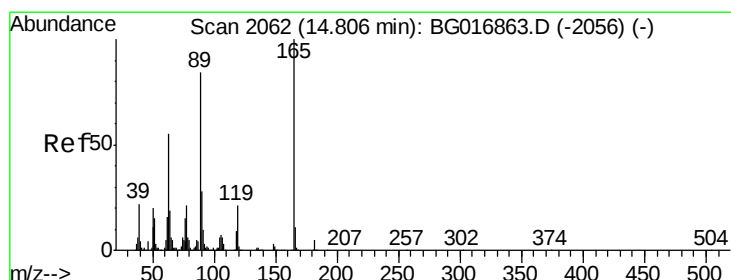
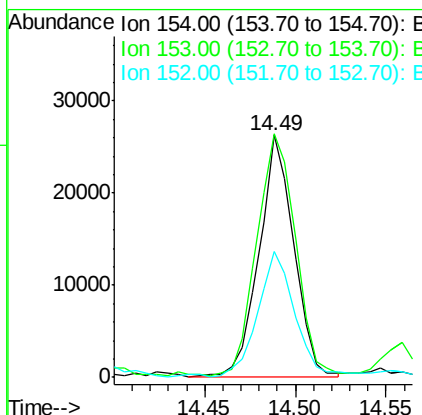
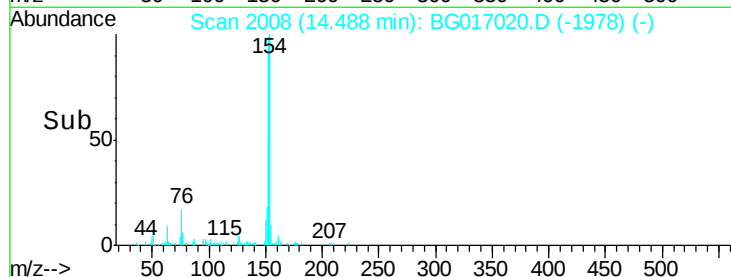
DCW-WW-134-5615



Tgt Ion:	154	Resp:	35321
Ion Ratio	Lower	Upper	
154	100		
153	100.5	84.2	126.4
152	51.7	40.2	60.2

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#56

2,4-Dinitrotoluene

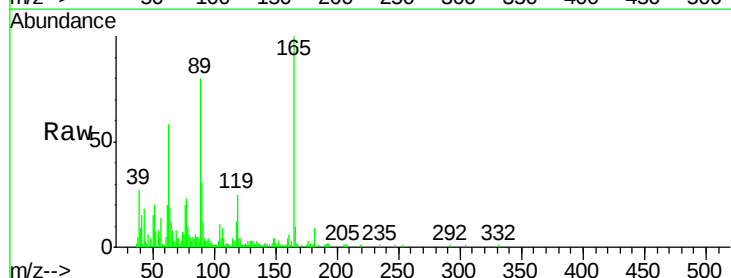
Concen: 8.93 ng

RT: 14.79 min Scan# 2059

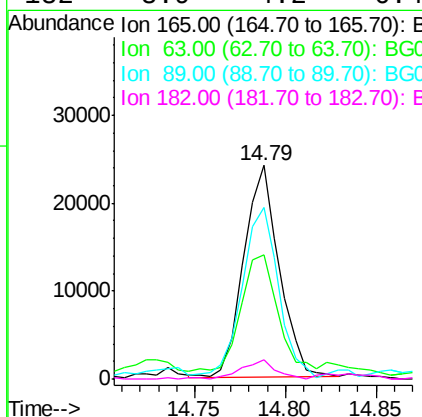
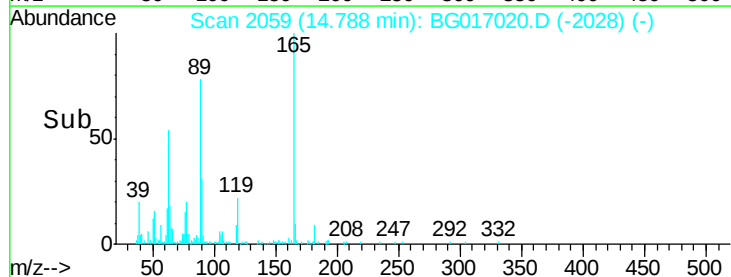
Delta R.T. -0.02 min

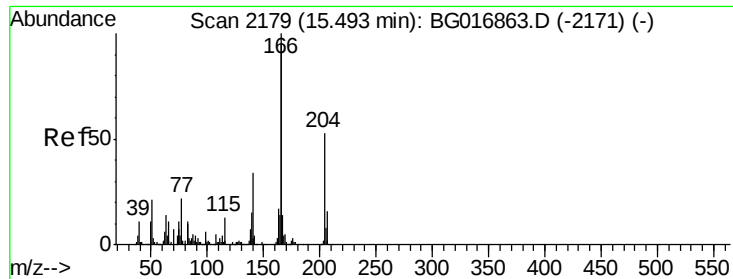
Lab File: BG017020.D

Acq: 10 May 2015 11:25



Tgt Ion:	165	Resp:	32606
Ion Ratio	Lower	Upper	
165	100		
63	58.2	44.2	66.4
89	80.3	67.2	100.8
182	8.9	4.2	6.4#





#57

Fluorene

Concen: 3.10 ng

RT: 15.48 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG017020.D

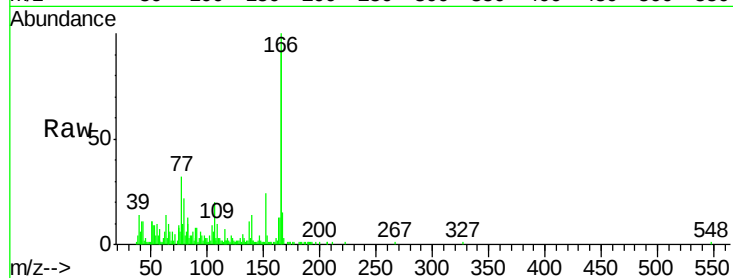
Acq: 10 May 2015 11:25

Instrument :

BNA_G

ClientSampleId :

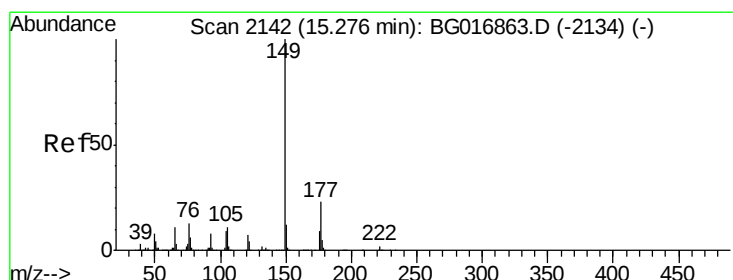
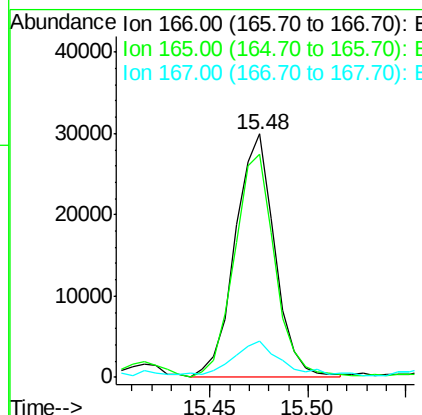
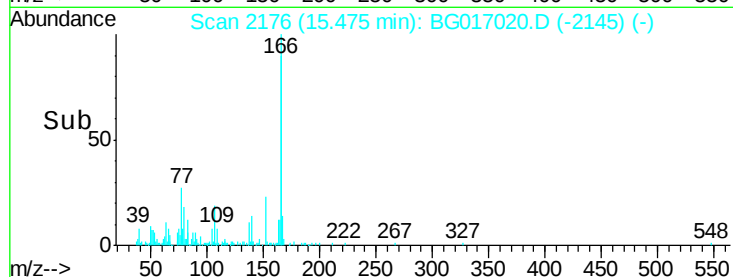
DCW-WW-134-5615



Tgt Ion:	166	Resp:	42094
Ion Ratio	Lower	Upper	
166	100		
165	91.8	76.1	114.1
167	15.0	11.4	17.2

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#59

Diethylphthalate

Concen: 2.54 ng

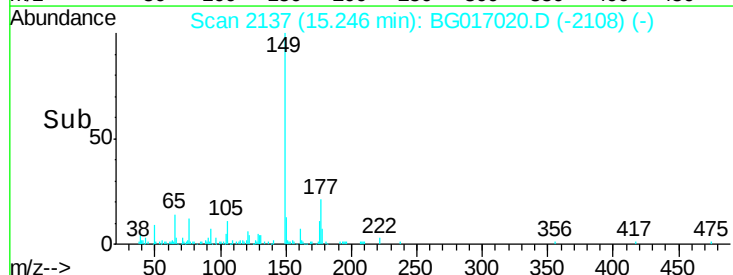
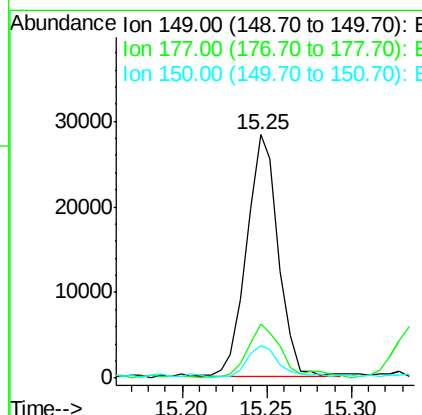
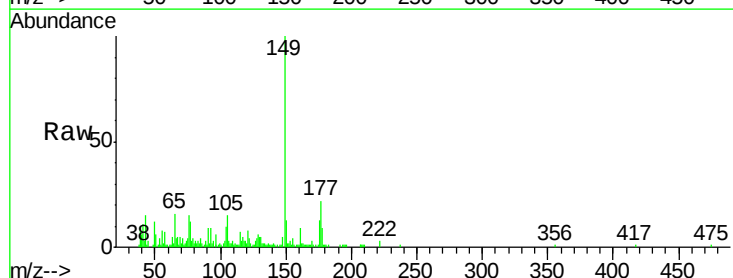
RT: 15.25 min Scan# 2137

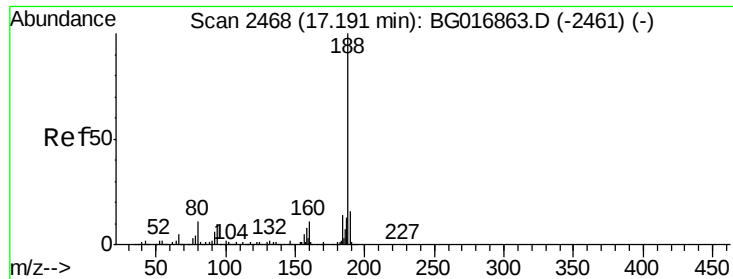
Delta R.T. -0.03 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Tgt Ion:	149	Resp:	36872
Ion Ratio	Lower	Upper	
149	100		
177	22.3	18.6	27.8
150	13.4	9.8	14.8





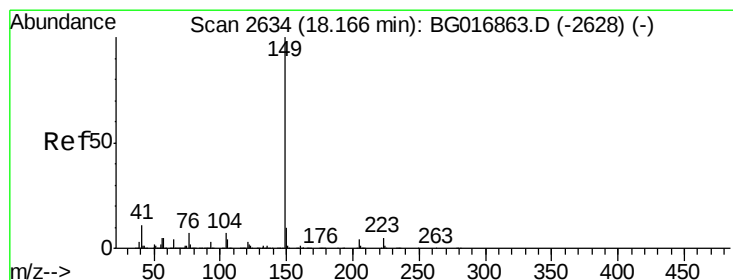
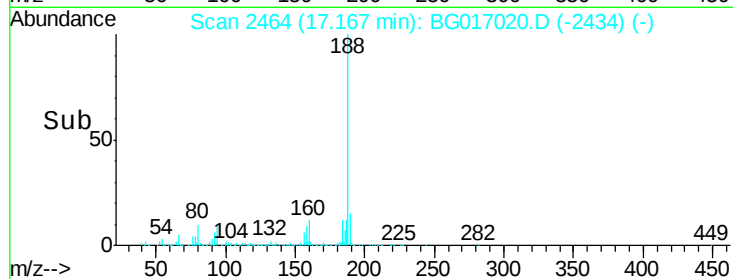
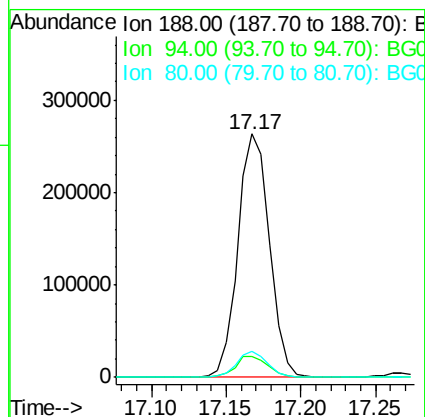
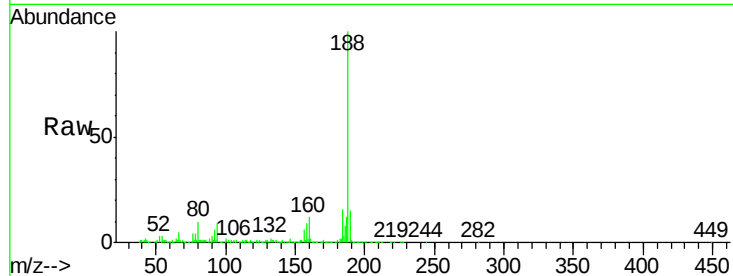
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.17 min Scan# 2464
 Delta R.T. -0.02 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-134-5615

Tgt Ion:	188	Resp:	384677
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.2	12.4
80	10.5	8.8	13.2

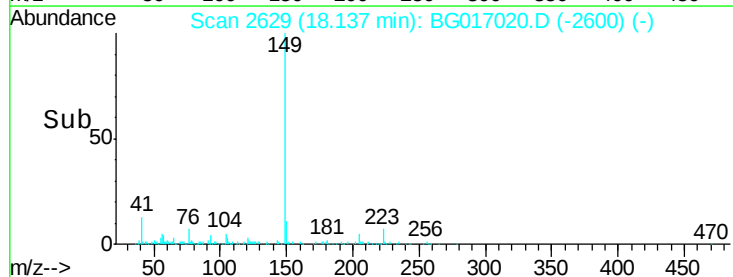
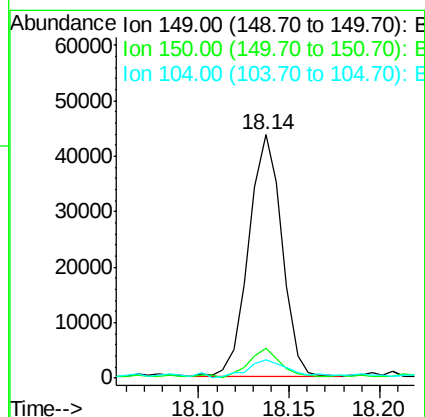
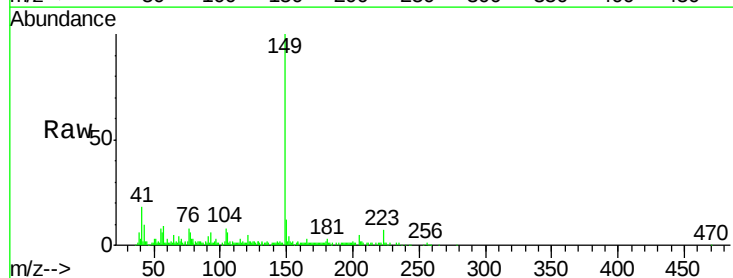
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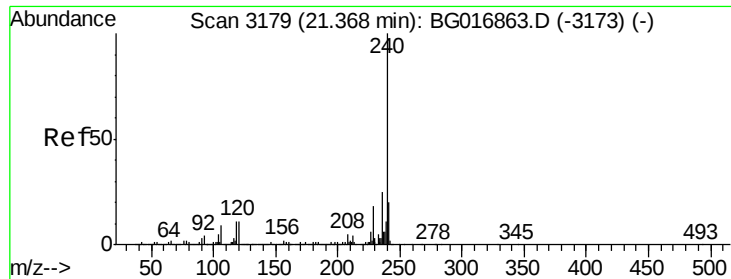
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#73
 Di-n-butylphthalate
 Concen: 2.26 ng
 RT: 18.14 min Scan# 2629
 Delta R.T. -0.03 min
 Lab File: BG017020.D
 Acq: 10 May 2015 11:25

Tgt Ion:	149	Resp:	55716
Ion Ratio	Lower	Upper	
149	100		
150	12.1	7.7	11.5#
104	7.6	5.4	8.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3175

Delta R.T. -0.02 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Instrument :

BNA_G

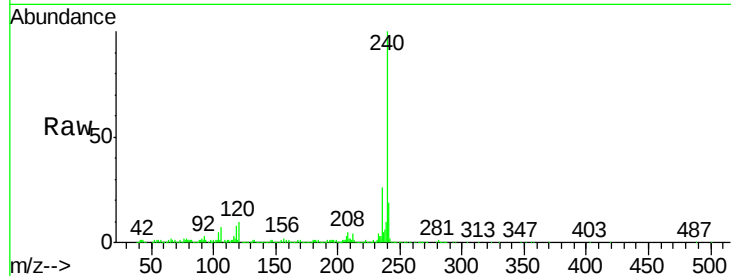
ClientSampleId :

DCW-WW-134-5615

Tgt	Ion	240	Resp:	380496
Ion	Ratio	Lower	Upper	
240	100			
120	10.1	9.1	13.7	
236	26.0	20.2	30.4	

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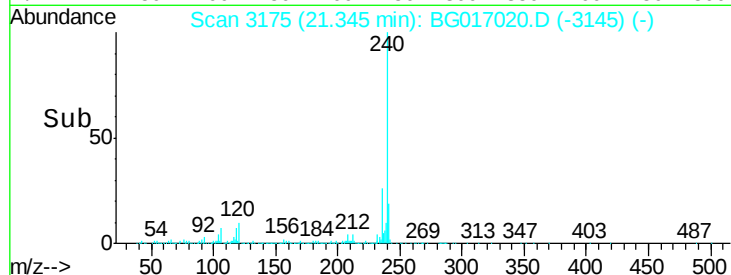


Abundance Ion 240.00 (239.70 to 240.70): E

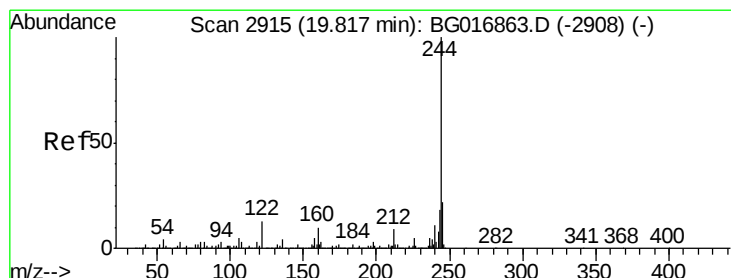
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.34



Time--> 21.20 21.30 21.40 21.50



#78

Terphenyl-d14

Concen: 94.19 ng

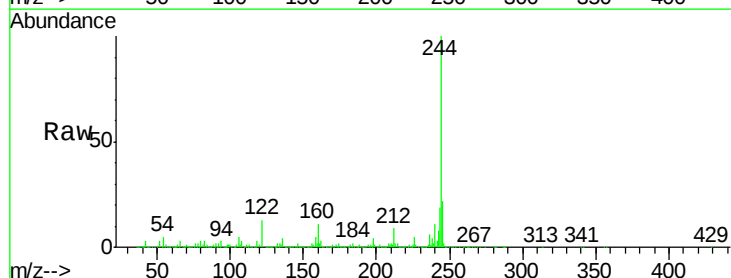
RT: 19.79 min Scan# 2911

Delta R.T. -0.02 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Tgt	Ion	244	Resp:	1528733
Ion	Ratio	Lower	Upper	
244	100			
212	9.1	7.0	10.6	
122	12.7	10.4	15.6	

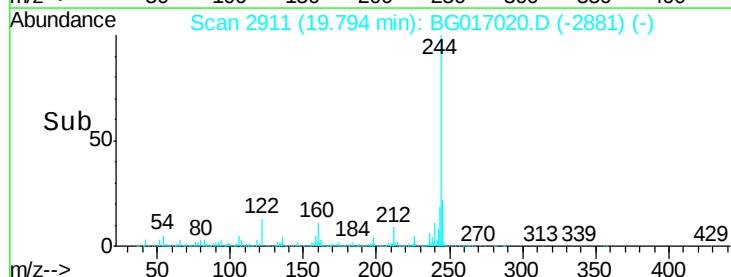


Abundance Ion 244.00 (243.70 to 244.70): E

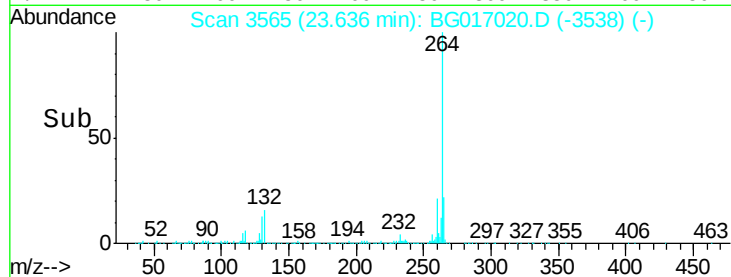
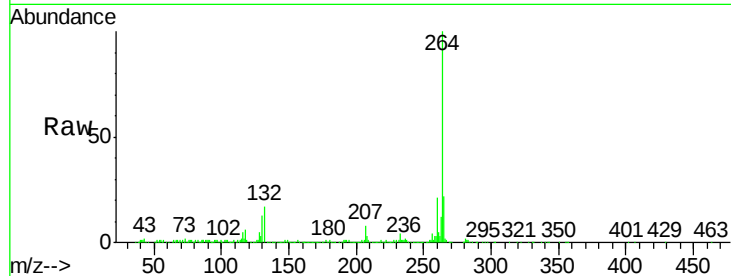
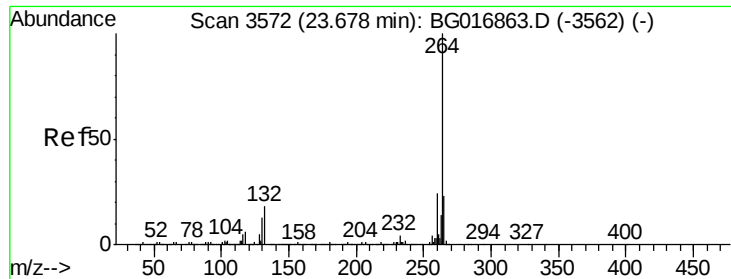
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.79



Time--> 19.70 19.80 19.90



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.64 min Scan# 3565

Delta R.T. -0.04 min

Lab File: BG017020.D

Acq: 10 May 2015 11:25

Instrument :

BNA_G

ClientSampleId :

DCW-WW-134-5615

Tgt	Ion	Ratio	Resp	Lower	Upper
	264	100	370753		
	260	21.0		19.5	29.3
	265	22.1		18.5	27.7

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