

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG017027.D
 Acq On : 10 May 2015 15:28
 Operator : TP/IZ
 Sample : PB83231BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Manual Integrations
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 5/12/2015 4:27:08 PM

Quant Time: May 11 06:14:05 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	49007	20.00	ng	-0.02
21) Naphthalene-d8	10.58	136	225373	20.00	ng	-0.02
38) Acenaphthene-d10	14.43	164	148506	20.00	ng	-0.02
63) Phenanthrene-d10	17.17	188	355580	20.00	ng	-0.02
75) Chrysene-d12	21.35	240	370214	20.00	ng	-0.02
86) Perylene-d12	23.64	264	360222	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	457236	162.46	ng	0.00
7) Phenol-d6	6.98	99	634215	157.73	ng	0.00
23) Nitrobenzene-d5	8.95	82	410631	89.01	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	270147	181.20	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	859556	87.34	ng	-0.02
78) Terphenyl-d14	19.80	244	1507679	95.47	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	41678	35.33	ng	# 1
3) Pyridine	3.68	79	125032	34.29	ng	99
4) n-Nitrosodimethylamine	3.59	42	98655	45.32	ng	86
6) Aniline	7.12	93	193683	34.30	ng	99
8) 2-Chlorophenol	7.36	128	167707	51.43	ng	99
9) Benzaldehyde	6.93	77	112823	40.28	ng	95
10) Phenol	7.00	94	229437	53.21	ng	99
11) bis(2-Chloroethyl)ether	7.22	93	148739	44.61	ng	92
12) 1,3-Dichlorobenzene	7.68	146	153710	42.75	ng	95
13) 1,4-Dichlorobenzene	7.82	146	158490	43.52	ng	98
14) 1,2-Dichlorobenzene	8.14	146	155416	44.47	ng	94
15) Benzyl Alcohol	8.03	79	178727	48.67	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	261019	42.29	ng	99
17) 2-Methylphenol	8.25	107	151137	49.78	ng	98
18) Hexachloroethane	8.86	117	67921	45.37	ng	90
19) n-Nitroso-di-n-propylamine	8.59	70	146143	41.45	ng	98
20) 3+4-Methylphenols	8.57	107	207606	49.62	ng	95
22) Acetophenone	8.61	105	243159	45.30	ng	# 99
24) Nitrobenzene	8.99	77	213181	45.76	ng	97
25) Isophorone	9.51	82	384443	41.27	ng	99
26) 2-Nitrophenol	9.70	139	95530	50.36	ng	97
27) 2,4-Dimethylphenol	9.77	122	172477	50.24	ng	99
28) bis(2-Chloroethoxy)methane	10.00	93	198757	42.27	ng	97
29) 2,4-Dichlorophenol	10.24	162	168376	51.92	ng	97
30) 1,2,4-Trichlorobenzene	10.44	180	152959	44.48	ng	92
31) Naphthalene	10.63	128	498380	44.46	ng	99
32) Benzoic acid	9.91	122	126898	57.35	ng	94
33) 4-Chloroaniline	10.74	127	107734	20.81	ng	98
34) Hexachlorobutadiene	10.91	225	94510	43.91	ng	94
35) Caprolactam	11.52	113	82168m	48.77	ng	
36) 4-Chloro-3-methylphenol	11.89	107	218014	52.50	ng	97
37) 2-Methylnaphthalene	12.25	142	389478	45.62	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	182221	45.39	ng	# 100
40) Hexachlorocyclopentadiene	12.59	237	216814	83.63	ng	94

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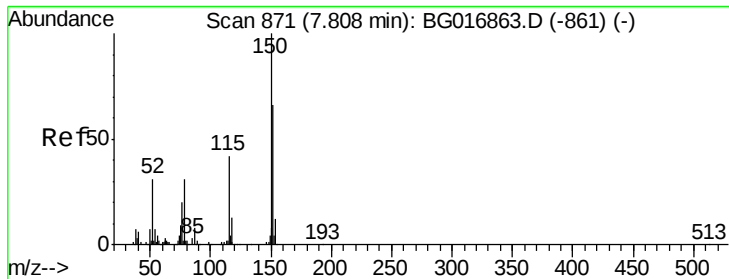
Manual Integrations
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 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	137671m	48.39	ng	
43) 2,4,5-Trichlorophenol	12.95	196	152206	50.40	ng	96
45) 1,1'-Biphenyl	13.26	154	494808	46.54	ng	99
46) 2-Chloronaphthalene	13.30	162	387244	45.98	ng	98
47) 2-Nitroaniline	13.51	65	171049	58.35	ng	93
48) Acenaphthylene	14.15	152	668632	45.59	ng	99
49) Dimethylphthalate	13.89	163	525179	47.36	ng	99
50) 2,6-Dinitrotoluene	14.01	165	123479	53.63	ng	92
51) Acenaphthene	14.49	154	401526	46.00	ng	96
52) 3-Nitroaniline	14.34	138	107709	41.12	ng	93
53) 2,4-Dinitrophenol	14.54	184	127666	121.23	ng	# 82
54) Dibenzofuran	14.83	168	619187	49.96	ng	94
55) 4-Nitrophenol	14.67	139	249091	112.15	ng	91
56) 2,4-Dinitrotoluene	14.80	165	187470	63.65	ng	# 95
57) Fluorene	15.47	166	545909	49.75	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	146903	56.38	ng	# 77
59) Diethylphthalate	15.26	149	569740	48.67	ng	98
60) 4-Chlorophenyl-phenylether	15.47	204	274078	49.71	ng	98
61) 4-Nitroaniline	15.51	138	163915	53.98	ng	91
62) Azobenzene	15.76	77	618412	51.01	ng	95
64) 4,6-Dinitro-2-methylphenol	15.56	198	106477	60.39	ng	91
65) n-Nitrosodiphenylamine	15.69	169	483784	44.57	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	166938	46.77	ng	97
67) Hexachlorobenzene	16.48	284	182543	48.50	ng	94
68) Atrazine	16.64	200	198460	50.81	ng	95
69) Pentachlorophenol	16.82	266	250825	102.65	ng	97
70) Phenanthrene	17.22	178	863577	47.19	ng	99
71) Anthracene	17.31	178	883391	47.85	ng	100
72) Carbazole	17.58	167	857195	48.84	ng	100
73) Di-n-butylphthalate	18.14	149	1109034	48.74	ng	100
74) Fluoranthene	19.23	202	1031650	48.59	ng	100
76) Benzidine	19.42	184	516217	41.04	ng	98
77) Pyrene	19.59	202	1051430	48.12	ng	99
79) Butylbenzylphthalate	20.49	149	495028	47.67	ng	97
80) Benzo(a)anthracene	21.33	228	970342	48.86	ng	99
81) 3,3'-Dichlorobenzidine	21.27	252	237660	30.65	ng	100
82) Chrysene	21.38	228	886103	47.64	ng	97
83) Bis(2-ethylhexyl)phthalate	21.26	149	685396	48.25	ng	99
84) Di-n-octyl phthalate	22.15	149	1150610	48.22	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.01	276	1090747	49.20	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	958840	47.78	ng	99
88) Benzo(k)fluoranthene	22.99	252	949948	49.21	ng	99
89) Benzo(a)pyrene	23.55	252	938940	50.18	ng	99
90) Dibenzo(a,h)anthracene	26.01	278	940959	49.23	ng	97
91) Benzo(g,h,i)perylene	26.73	276	890267	48.91	ng	100

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



#1

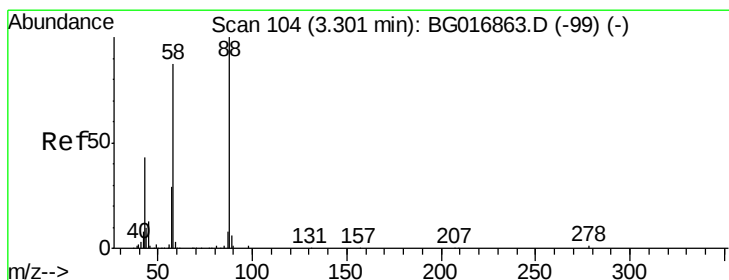
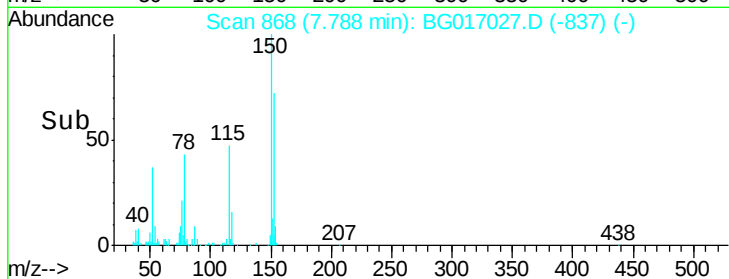
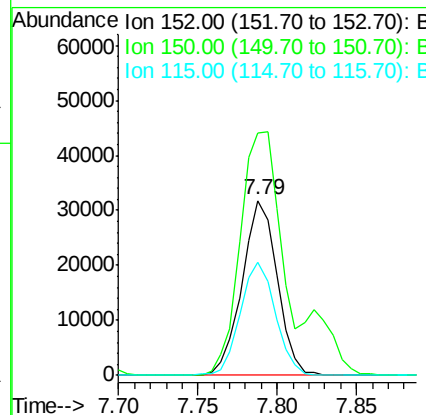
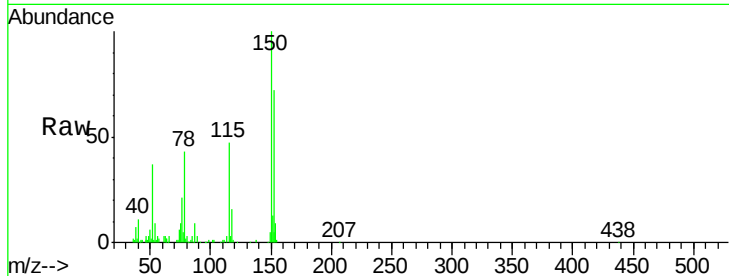
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

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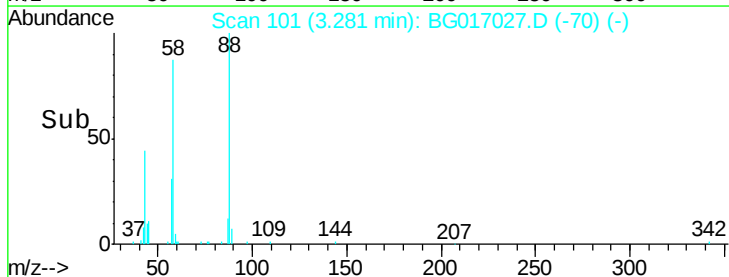
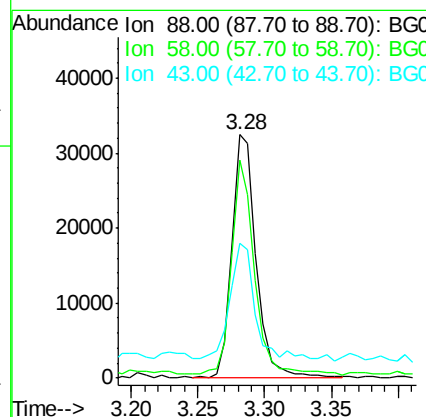
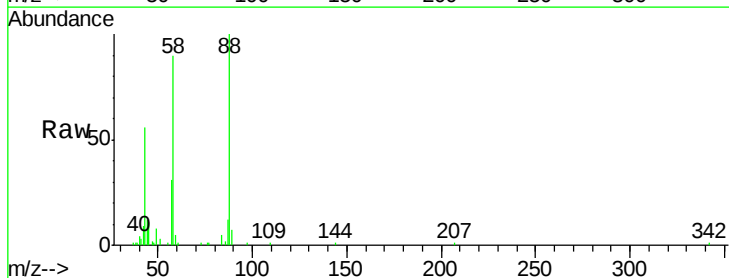
Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.5	121.0	181.4
115	64.6	50.5	75.7

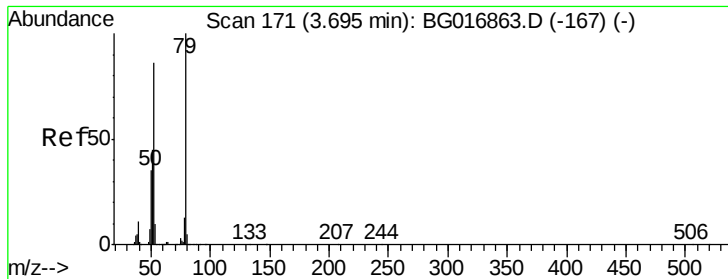


#2

1,4-Dioxane
Concen: 35.33 ng
RT: 3.28 min Scan# 101
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.4	0.1	0.1#
43	49.1	1.3	1.9#





#3

Pyridine

Concen: 34.29 ng

RT: 3.68 min Scan# 168

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

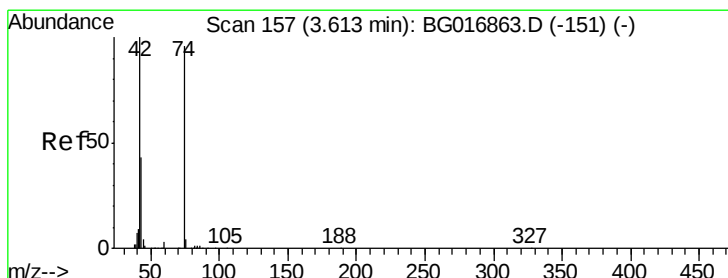
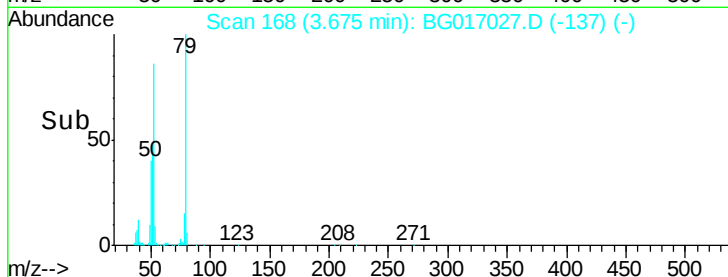
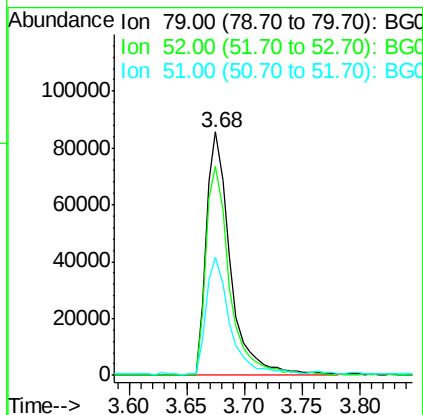
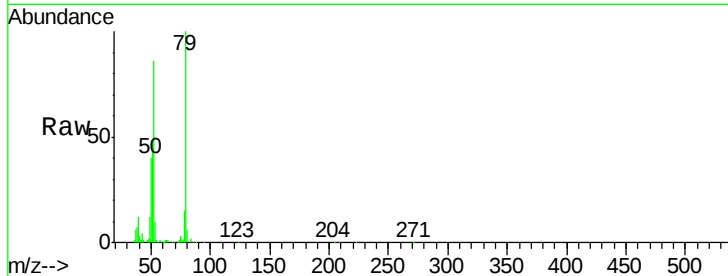
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Tgt Ion:	79	Resp:	125032
Ion Ratio	Lower	Upper	
79	100		
52	86.0	68.5	102.7
51	48.4	37.8	56.8



#4

n-Nitrosodimethylamine

Concen: 45.32 ng

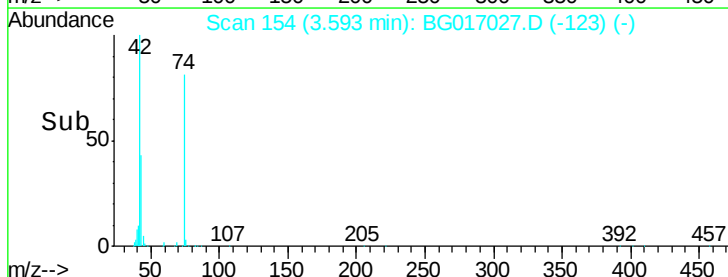
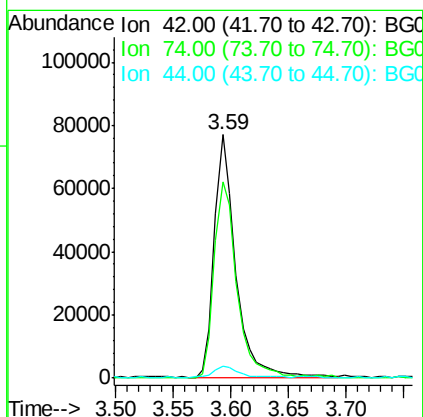
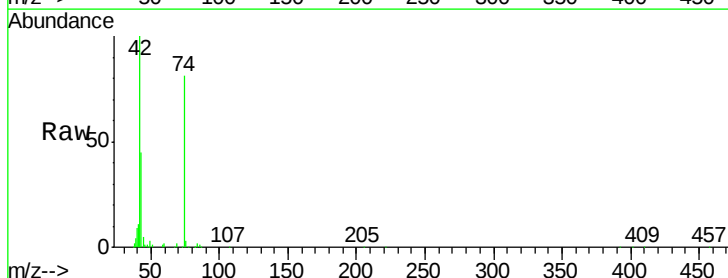
RT: 3.59 min Scan# 154

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	42	Resp:	98655
Ion Ratio	Lower	Upper	
42	100		
74	80.5	76.2	114.2
44	5.1	4.9	7.3





#5

2-Fluorophenol

Concen: 162.46 ng

RT: 5.38 min Scan# 459

Delta R.T. -0.00 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

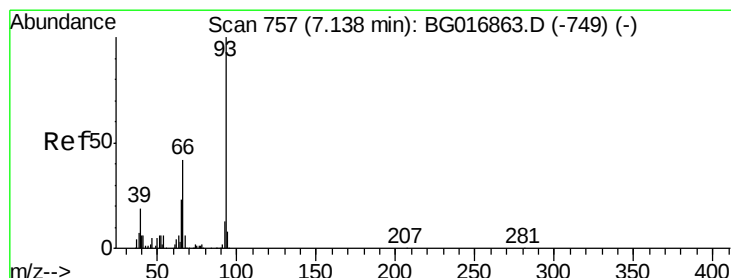
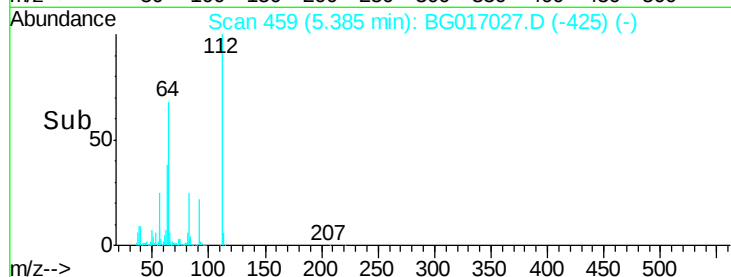
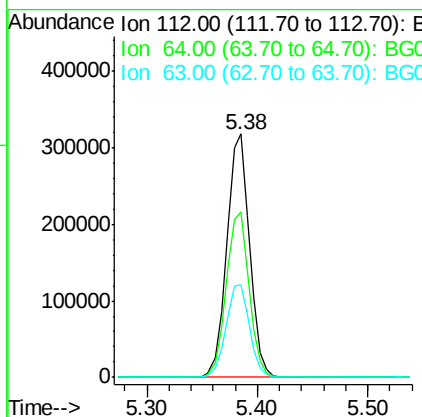
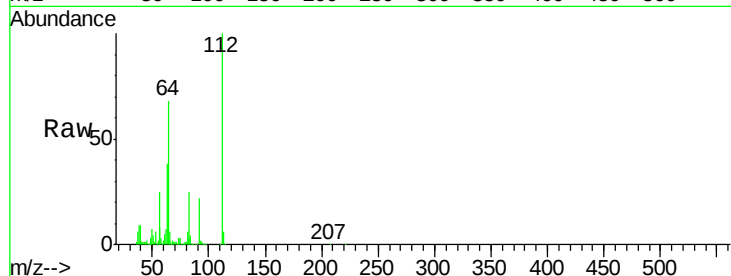
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Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		457236		
64	68.1	51.4	77.2		
63	38.1	28.1	42.1		



#6

Aniline

Concen: 34.30 ng

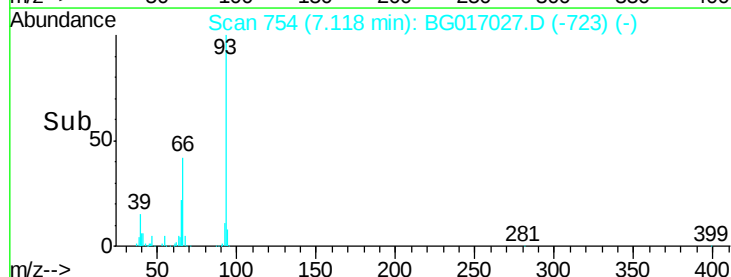
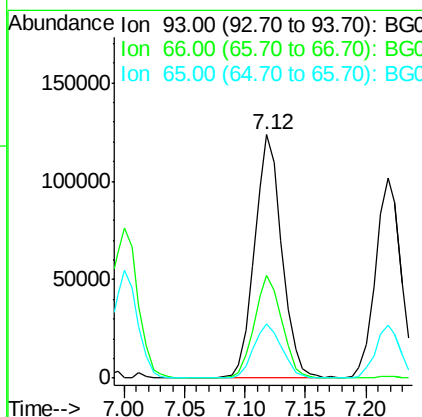
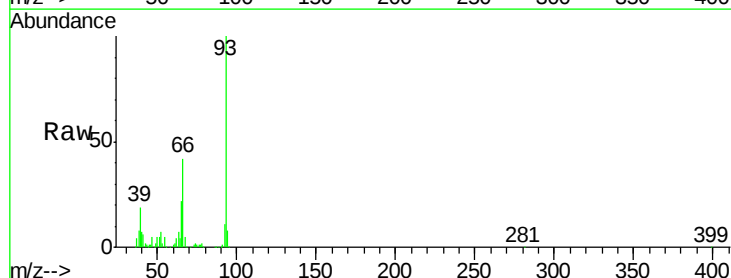
RT: 7.12 min Scan# 754

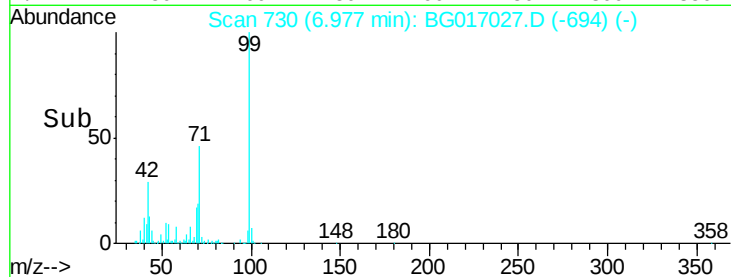
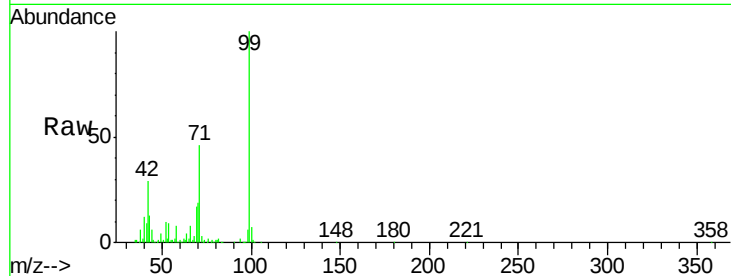
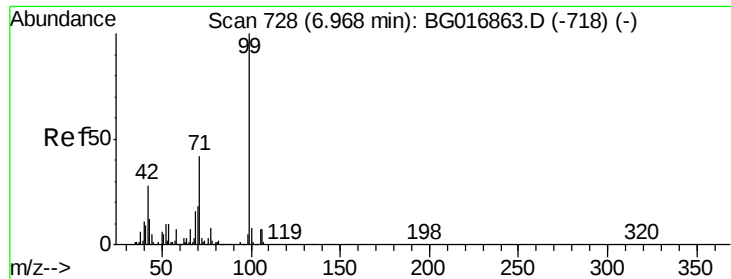
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt	Ion	Ratio	Resp	Lower	Upper
93	100		193683		
66	42.2	33.8	50.6		
65	22.5	18.7	28.1		





#7

Phenol-d6

Concen: 157.73 ng

RT: 6.98 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	99	Resp:	634215
Ion Ratio	Lower	Upper	
99	100		
42	28.7	22.1	33.1
71	45.8	33.4	50.0

Instrument :

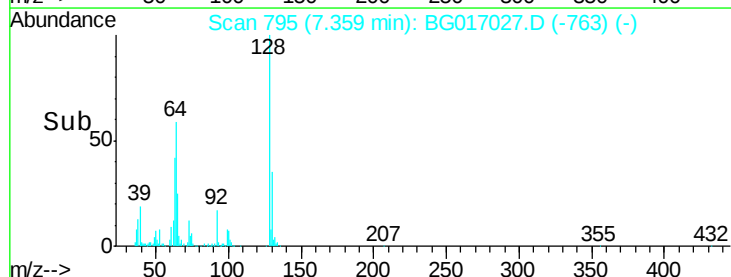
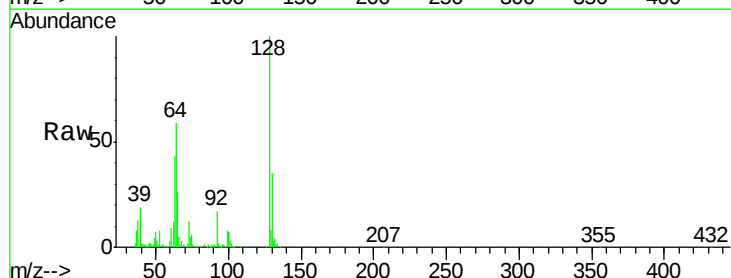
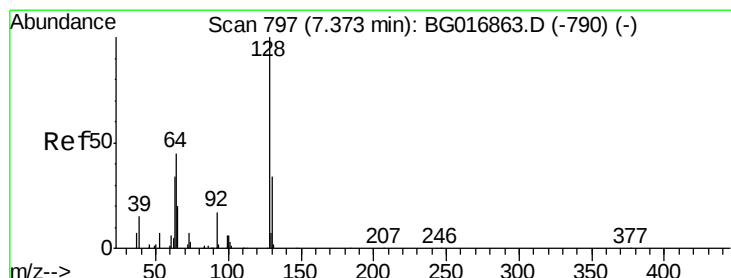
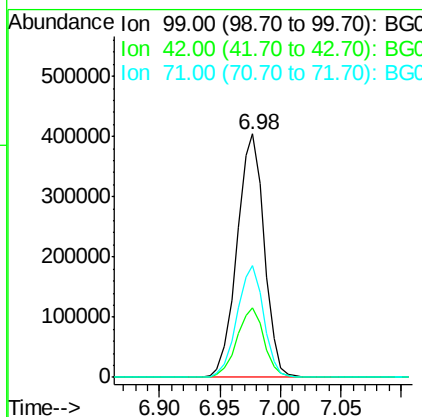
BNA_G

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#8

2-Chlorophenol

Concen: 51.43 ng

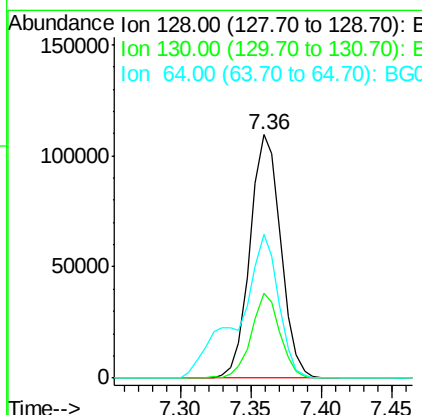
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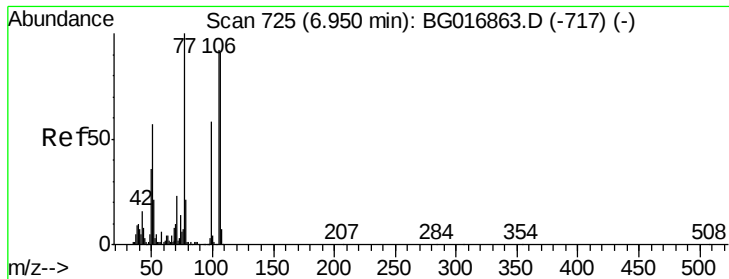
Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	128	Resp:	167707
Ion Ratio	Lower	Upper	
128	100		
130	34.7	14.4	54.4
64	58.9	38.4	78.4





#9

Benzaldehyde

Concen: 40.28 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

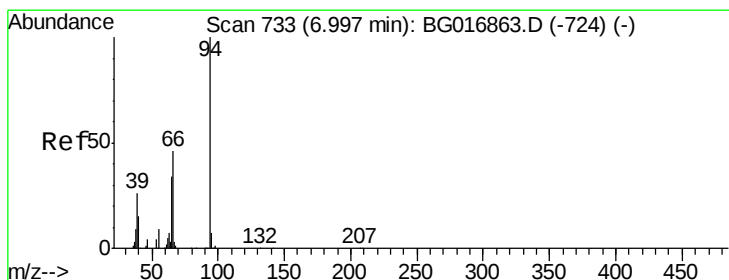
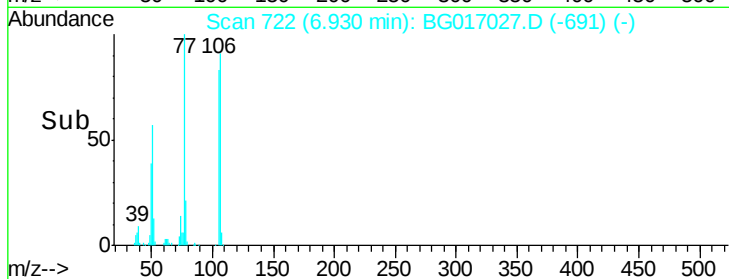
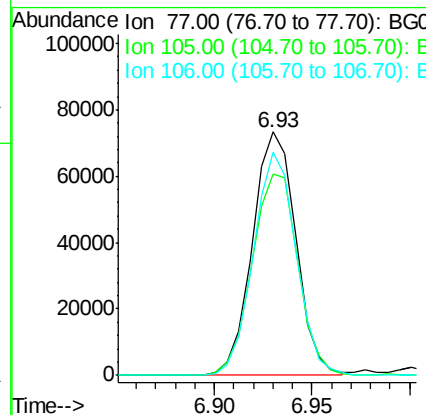
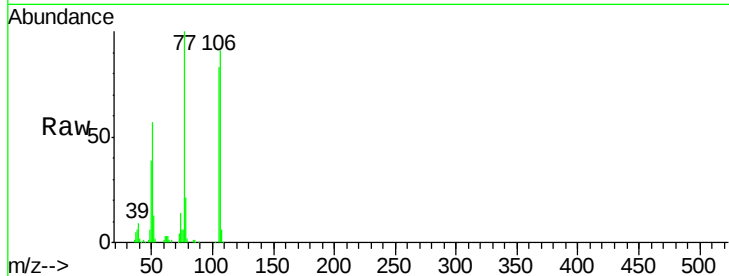
PB83231BS

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Tgt Ion	Ratio	Lower	Upper
77	100		
105	82.6	71.6	111.6
106	91.4	71.5	111.5



#10

Phenol

Concen: 53.21 ng

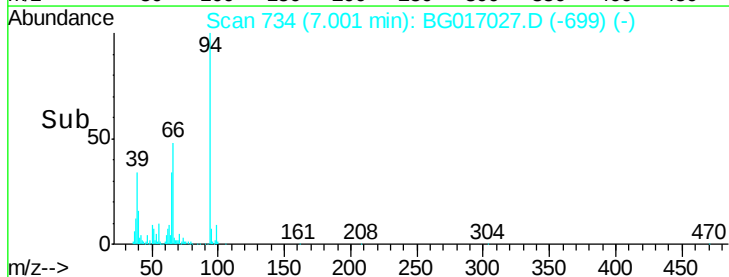
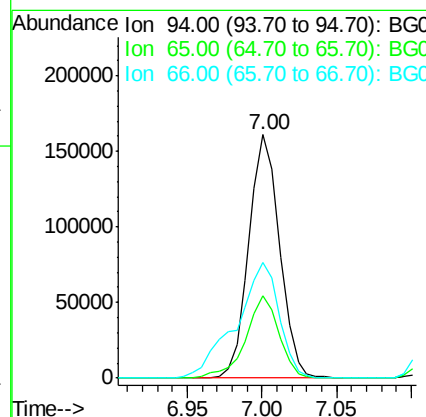
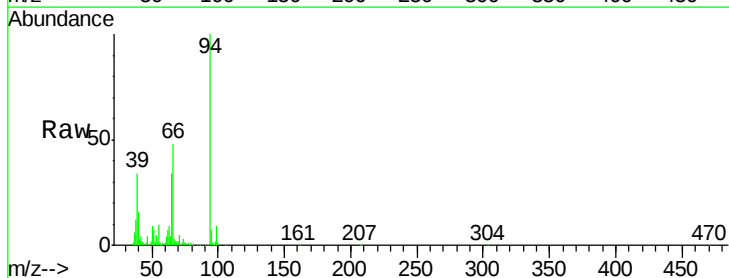
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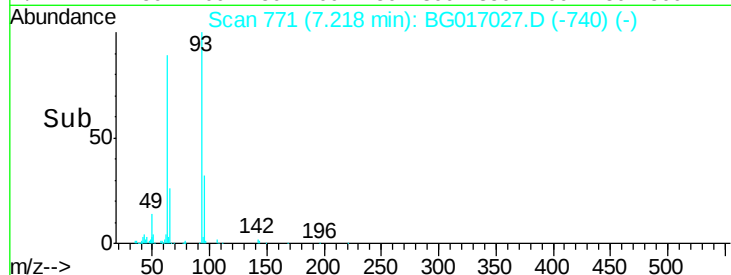
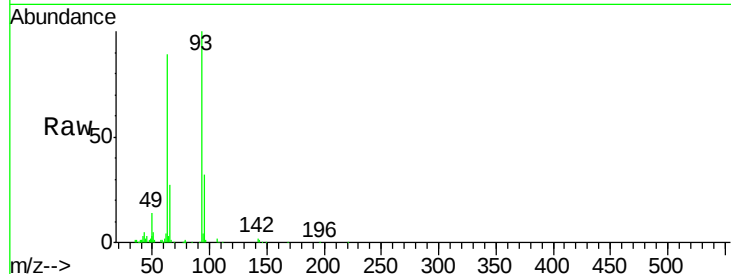
Delta R.T. 0.00 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.0	14.3	54.3
66	47.5	26.9	66.9





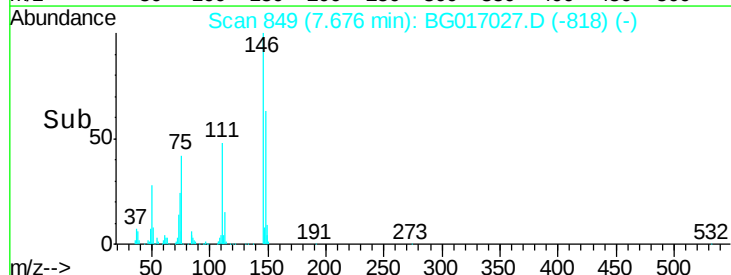
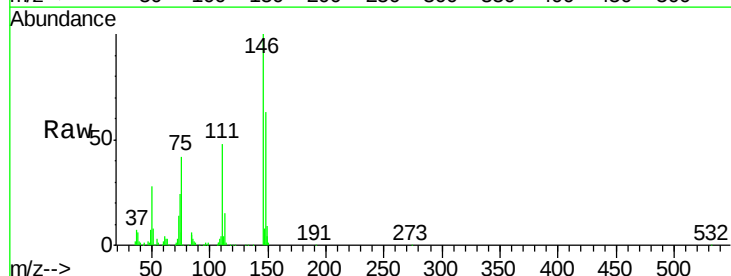
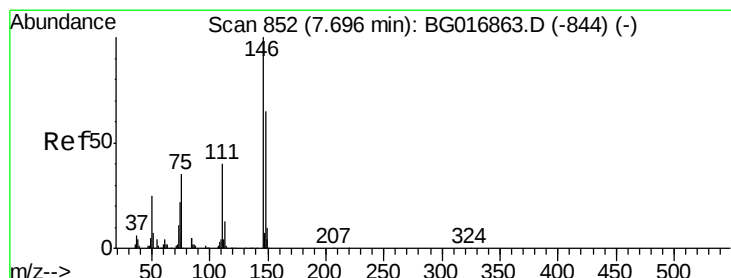
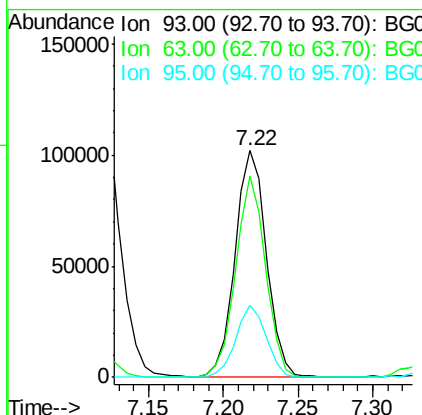
#11
bis(2-Chloroethyl)ether
Concen: 44.61 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	148739		
63	89.1	61.2	101.2	
95	32.1	15.0	55.0	

Instrument :
BNA_G
ClientSampleId :
PB83231BS

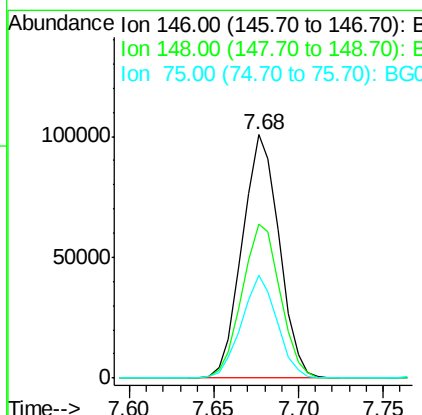
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#12
1,3-Dichlorobenzene
Concen: 42.75 ng
RT: 7.68 min Scan# 849
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	153710		
148	63.5	51.9	77.9	
75	42.1	28.2	42.2	





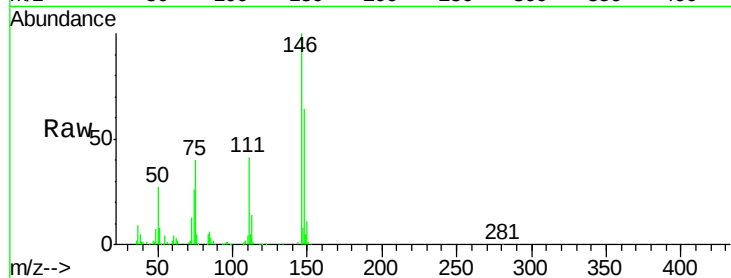
#13
1,4-Dichlorobenzene
Concen: 43.52 ng
RT: 7.82 min Scan# 874
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

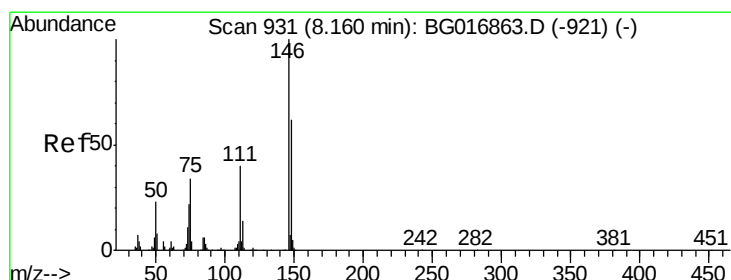
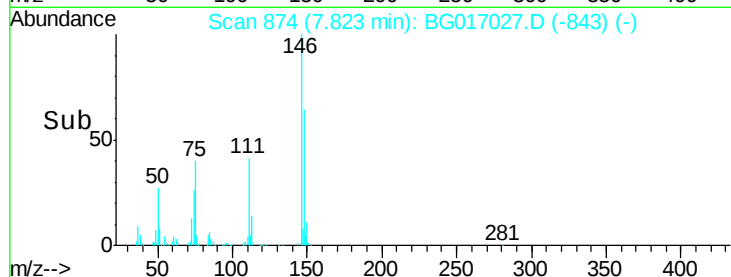
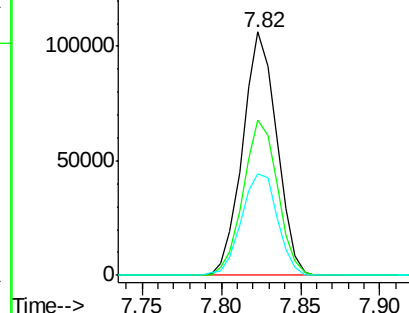
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	158490		
148	63.7	52.8	79.2	
111	41.5	33.9	50.9	

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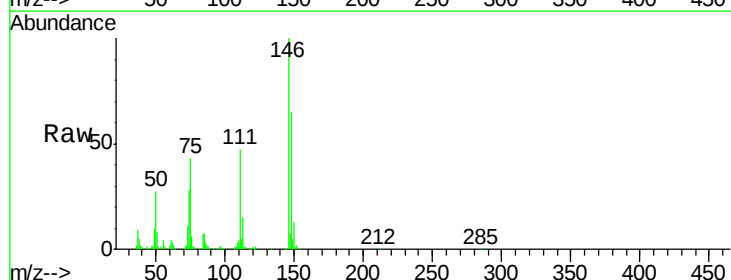


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

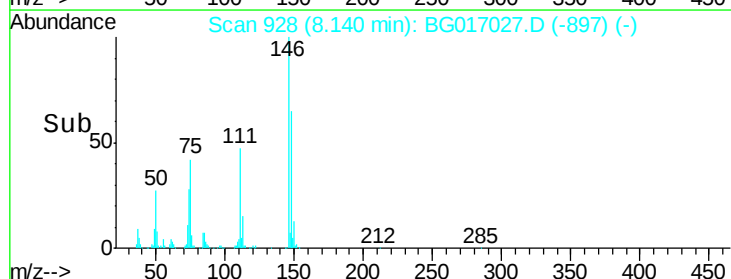
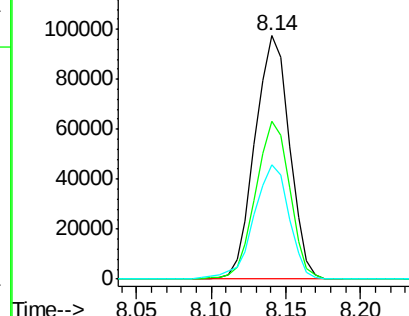


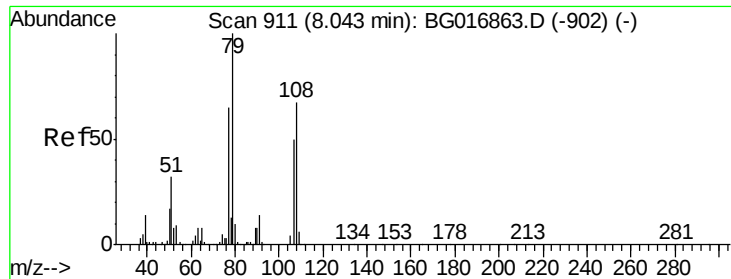
#14
1,2-Dichlorobenzene
Concen: 44.47 ng
RT: 8.14 min Scan# 928
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	155416		
148	64.7	49.9	74.9	
111	46.8	32.1	48.1	



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





#15

Benzyl Alcohol

Concen: 48.67 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

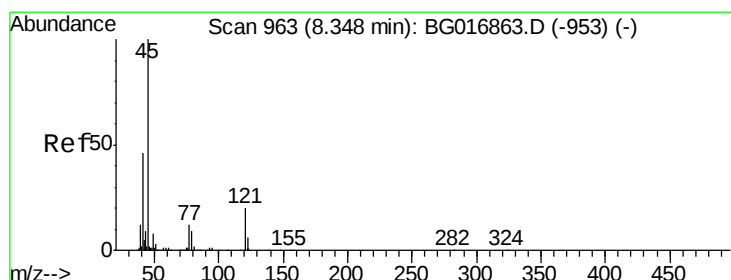
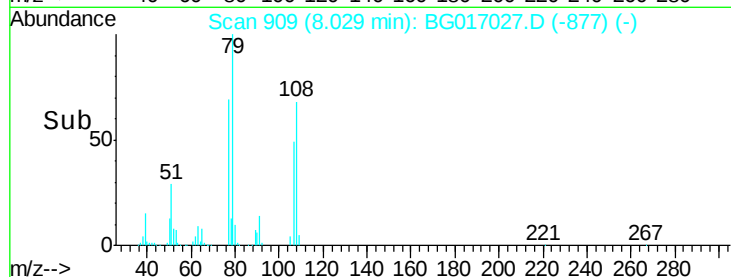
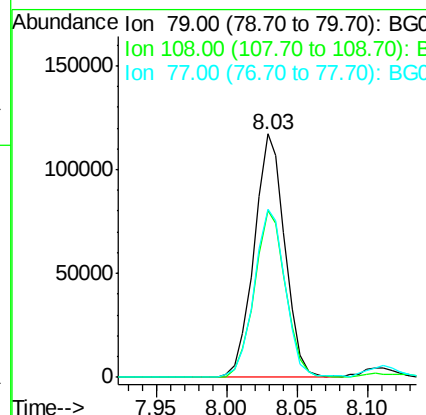
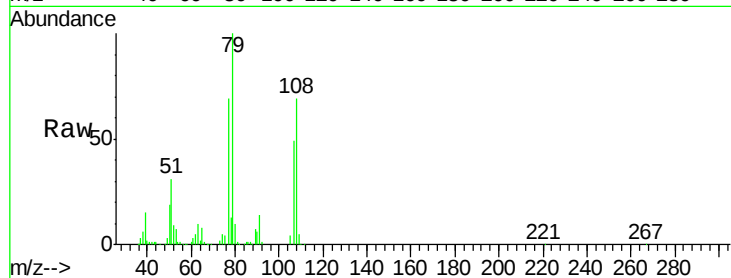
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Tgt Ion	Ratio	Lower	Upper
79	100		
108	68.6	53.4	80.2
77	69.0	52.2	78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.29 ng

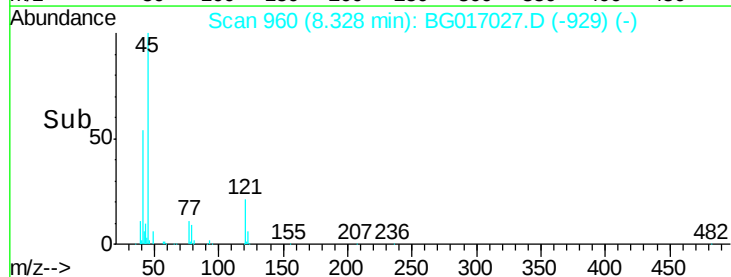
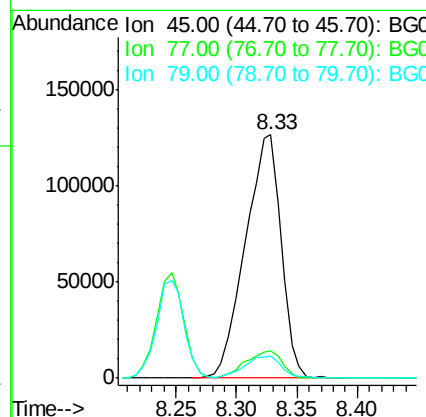
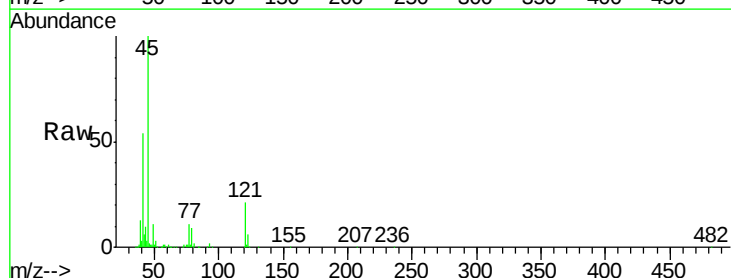
RT: 8.33 min Scan# 960

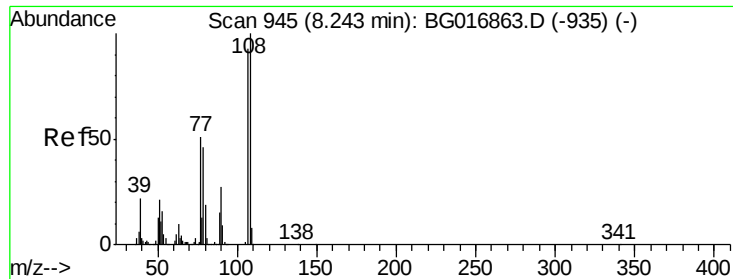
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.4	0.0	31.8
79	8.9	0.0	29.1





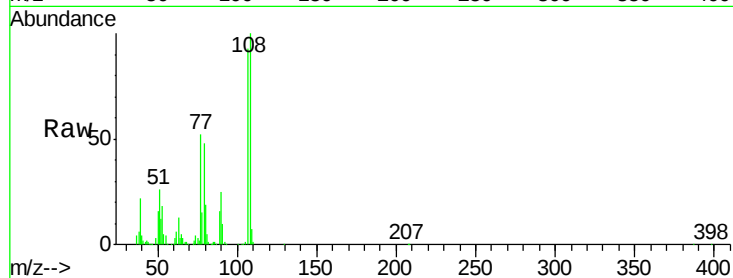
#17
2-Methylphenol
Concen: 49.78 ng
RT: 8.25 min Scan# 946
Delta R.T. 0.00 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

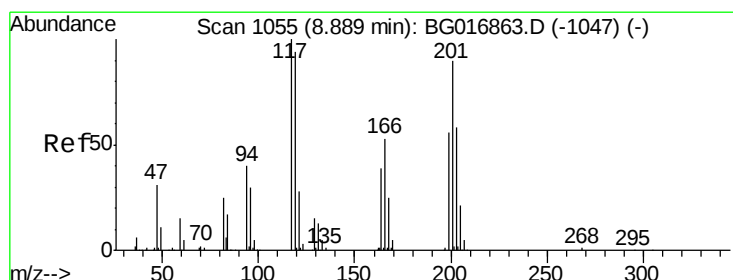
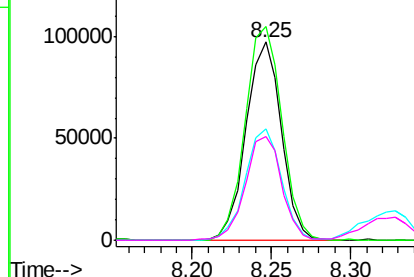
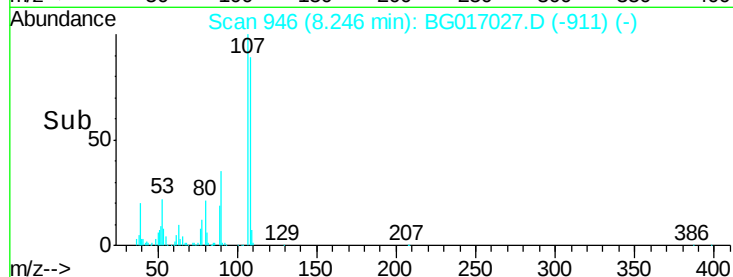
Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
108	107.7	85.9	128.9	
77	56.4	43.8	65.6	
79	52.2	39.8	59.6	

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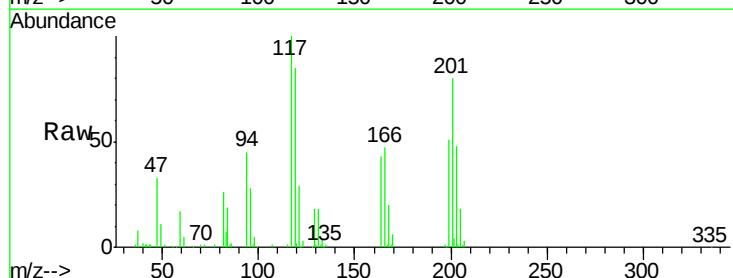


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

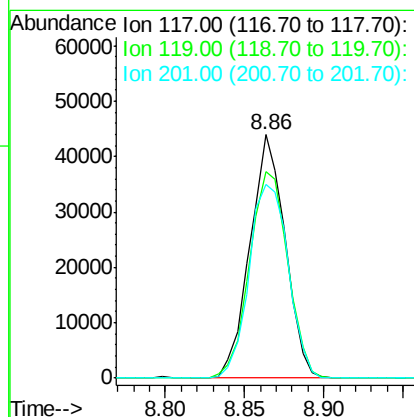
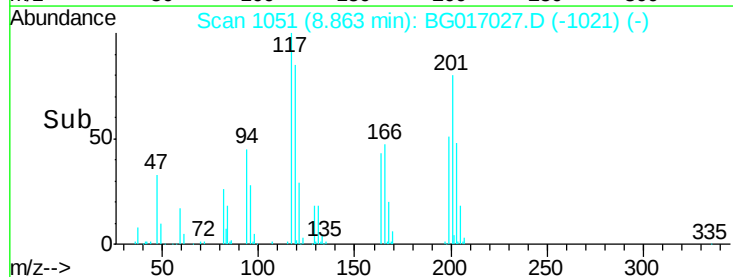


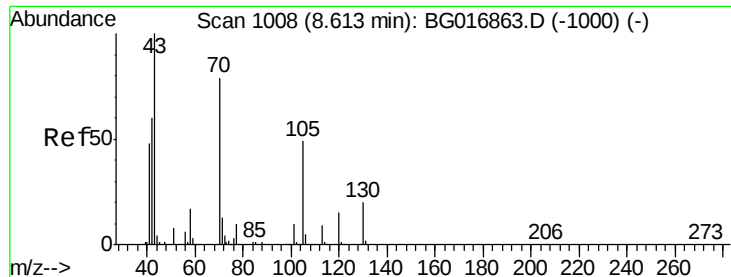
#18
Hexachloroethane
Concen: 45.37 ng
RT: 8.86 min Scan# 1051
Delta R.T. -0.03 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	85.0	74.8	112.2	
201	79.7	72.1	108.1	



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





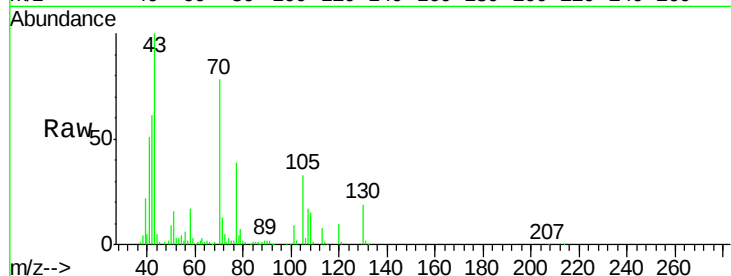
#19
n-Nitroso-di-n-propylamine
Concen: 41.45 ng
RT: 8.59 min Scan# 1005
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

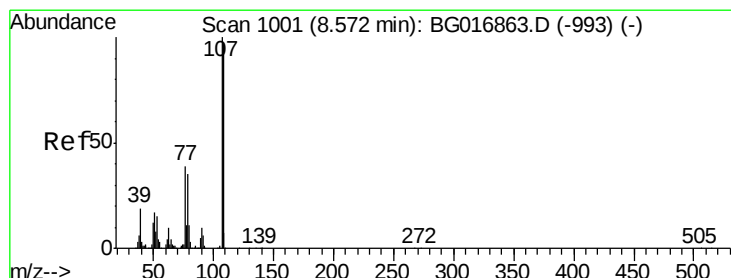
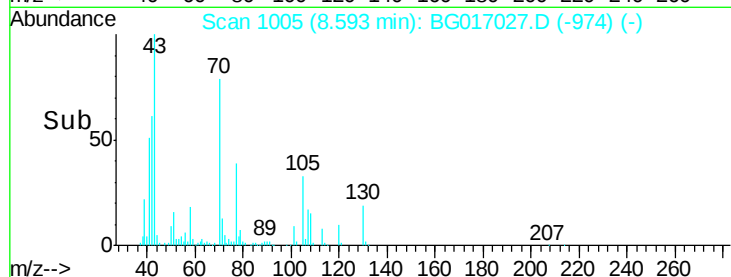
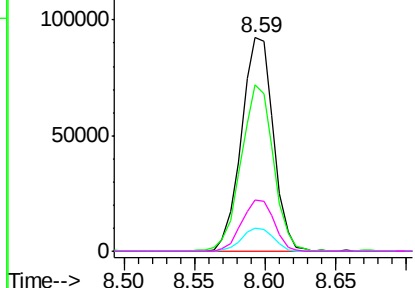
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100		146143		
42	77.8	61.5	92.3		
101	11.0	9.8	14.6		
130	24.0	20.2	30.4		

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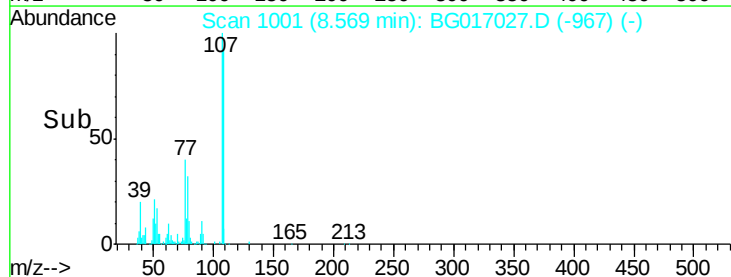
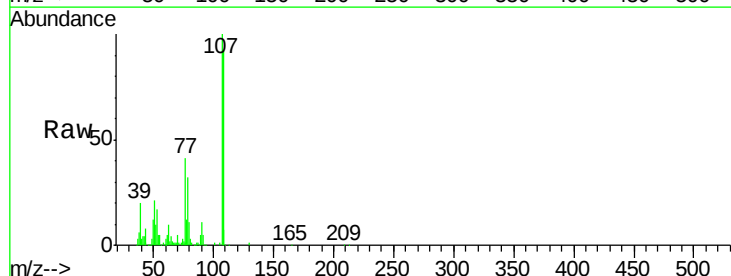
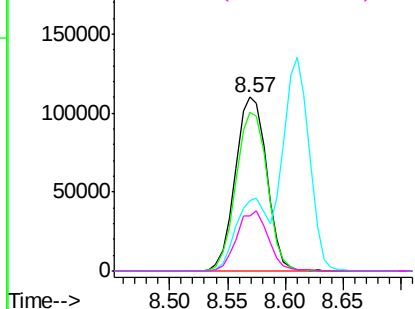
Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

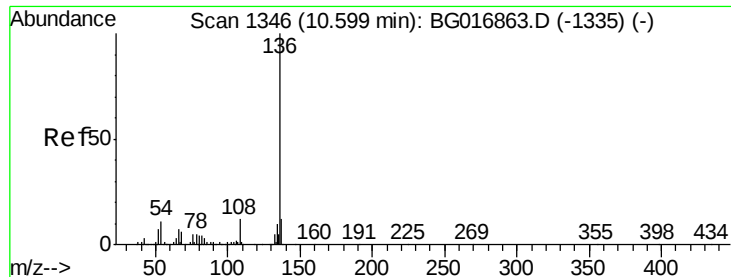


#20
3+4-Methylphenols
Concen: 49.62 ng
RT: 8.57 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		207606		
108	91.6	76.6	116.6		
77	40.5	19.0	59.0		
79	32.1	15.0	55.0		

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





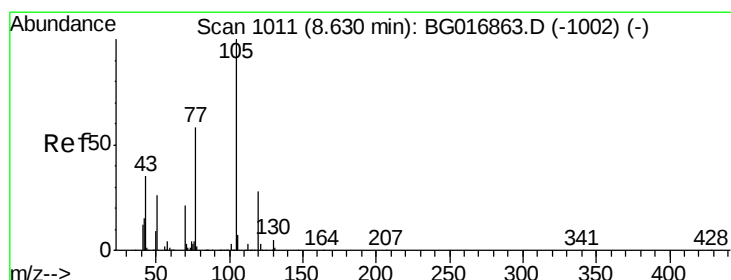
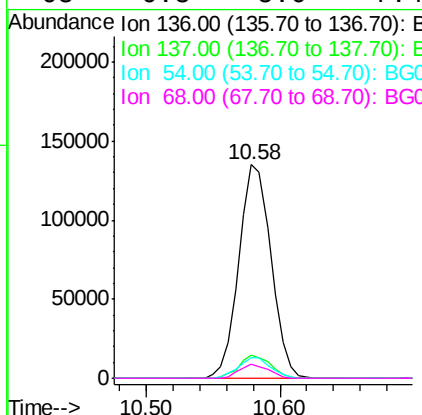
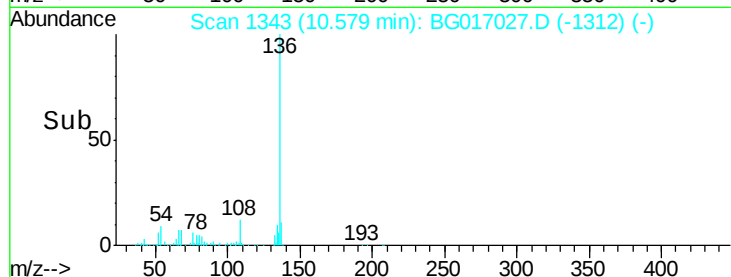
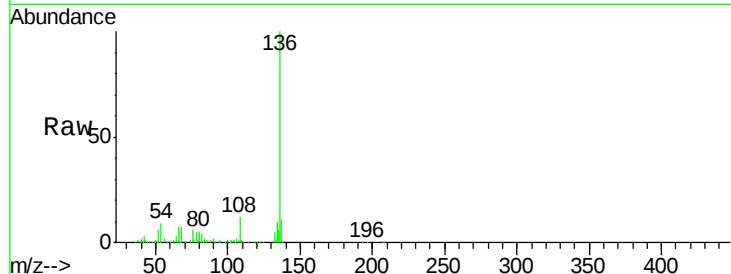
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1343
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	9.8	14.8
54	9.3	8.7	13.1
68	6.8	5.0	7.4

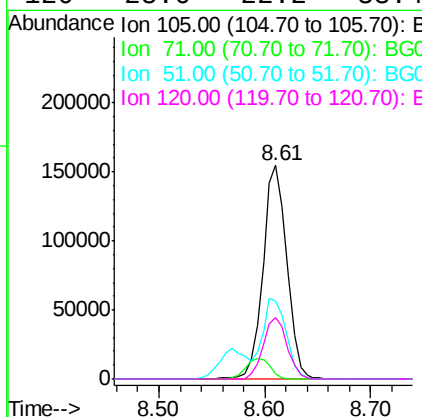
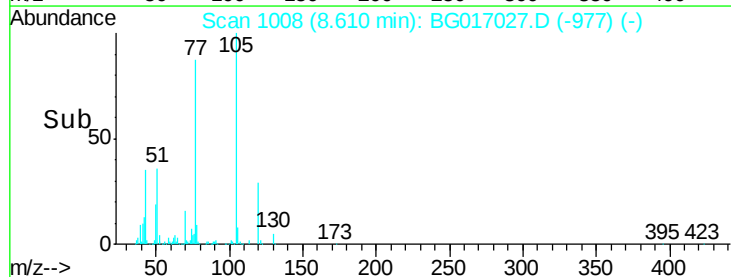
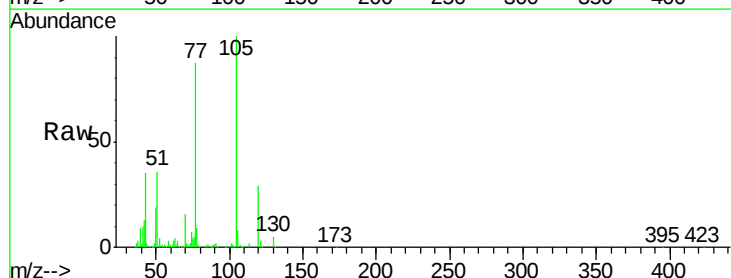
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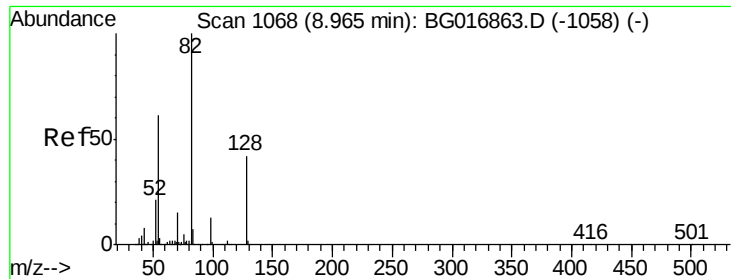
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#22
Acetophenone
Concen: 45.30 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	2.2	2.8	4.2#
51	36.3	29.4	44.2
120	28.6	22.2	33.4





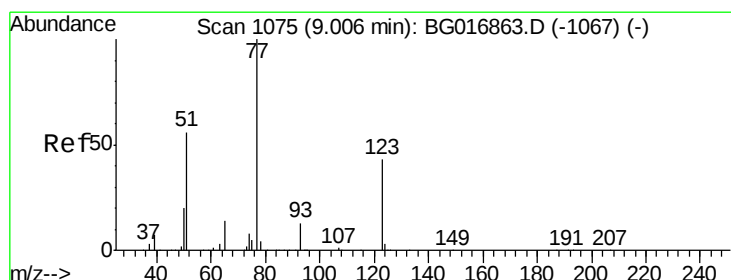
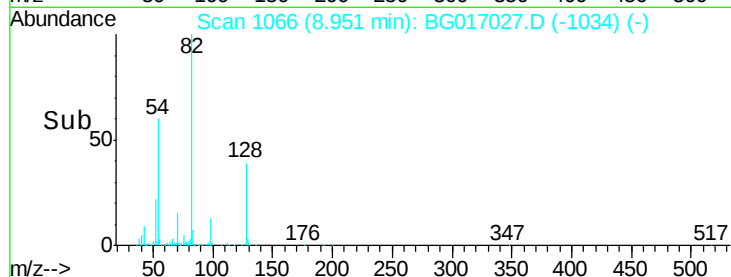
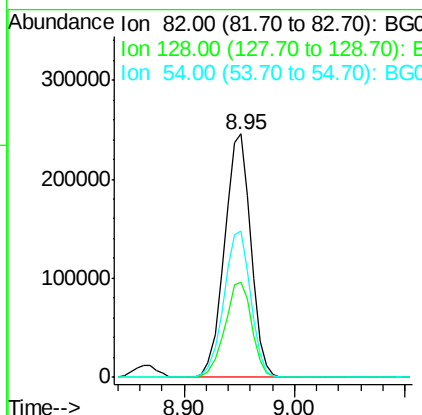
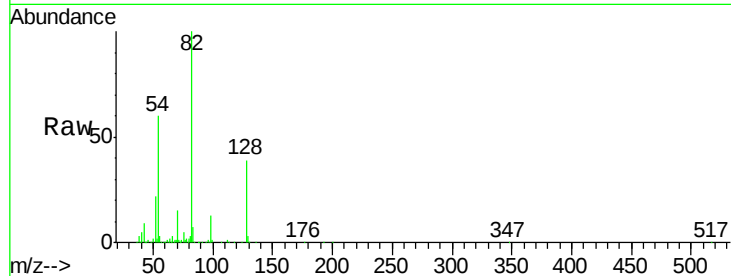
#23
 Nitrobenzene-d5
 Concen: 89.01 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	410631		
128	39.2	33.2	49.8	
54	60.3	48.6	72.8	

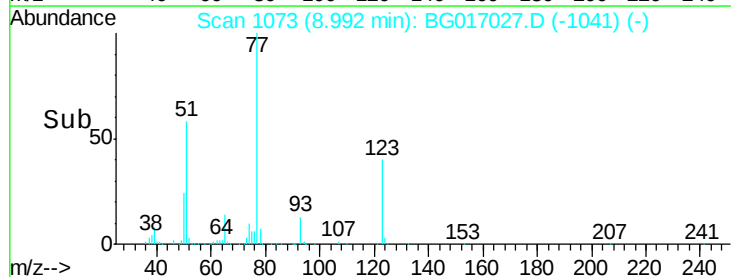
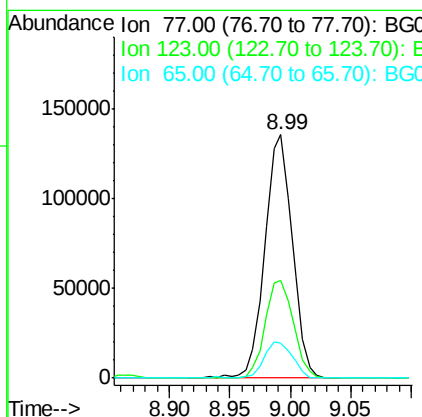
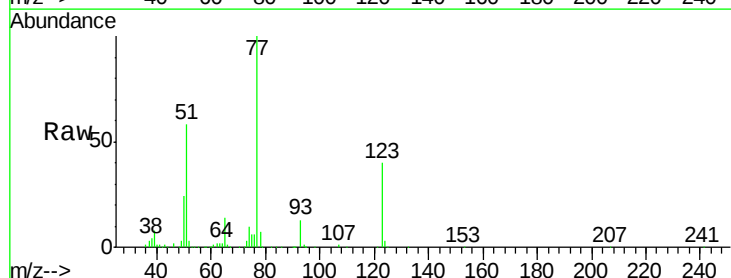
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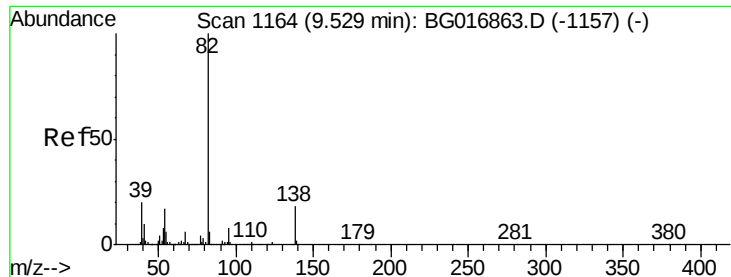
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#24
 Nitrobenzene
 Concen: 45.76 ng
 RT: 8.99 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	213181		
123	39.9	34.0	51.0	
65	14.4	11.2	16.8	





#25

Isophorone

Concen: 41.27 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

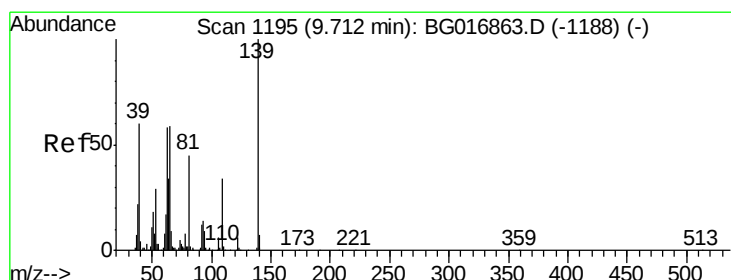
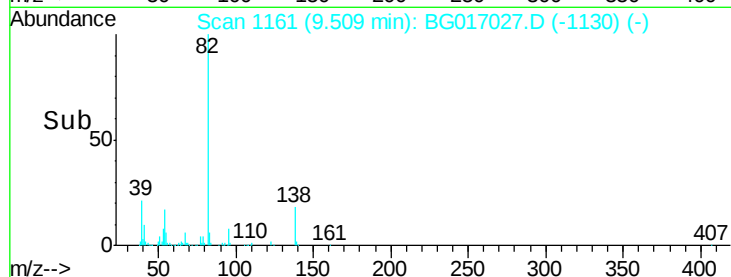
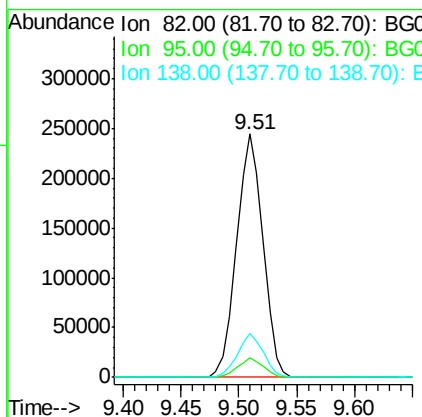
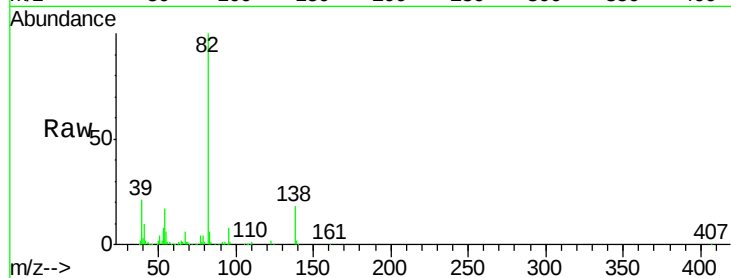
ClientSampleId :

PB83231BS

Tgt Ion:	82	Resp:	384443
Ion Ratio	Lower	Upper	
82	100		
95	7.8	6.7	10.1
138	18.2	14.7	22.1

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#26

2-Nitrophenol

Concen: 50.36 ng

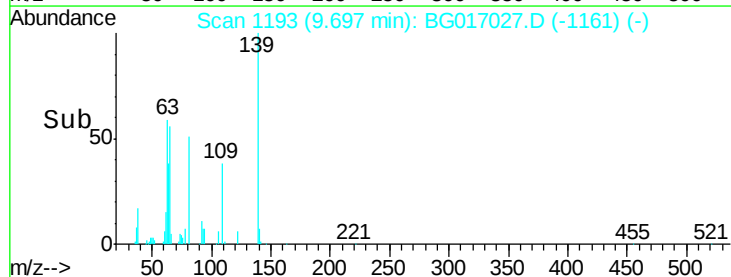
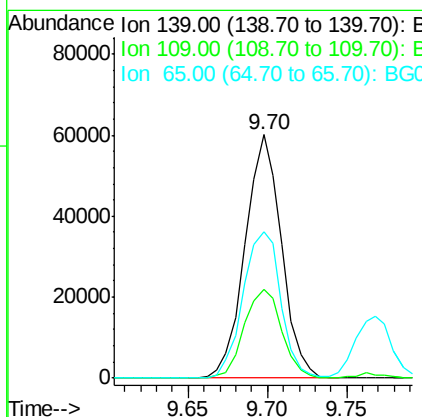
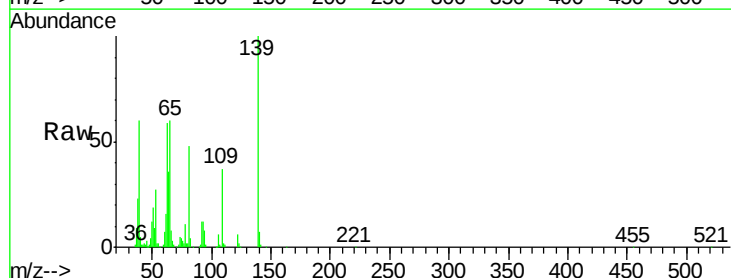
RT: 9.70 min Scan# 1193

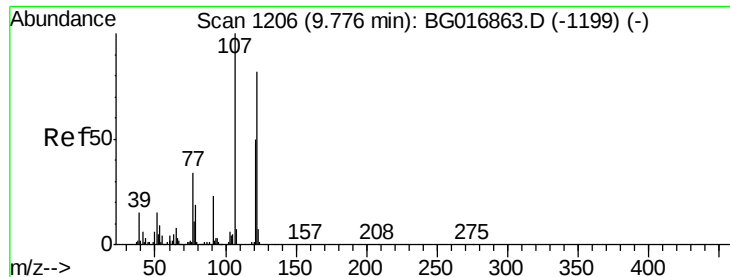
Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	139	Resp:	95530
Ion Ratio	Lower	Upper	
139	100		
109	36.6	27.4	41.2
65	60.4	47.1	70.7





#27

2,4-Dimethylphenol

Concen: 50.24 ng

RT: 9.77 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG017027.D

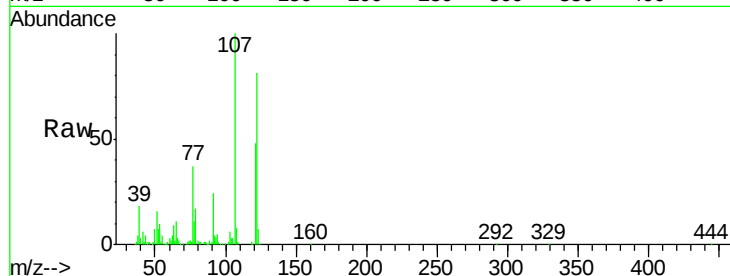
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

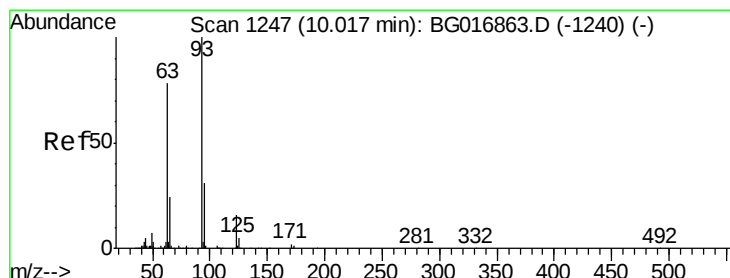
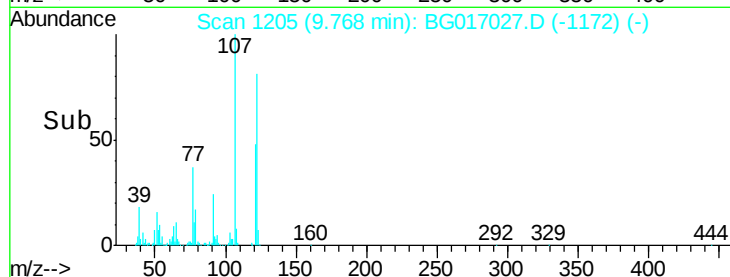
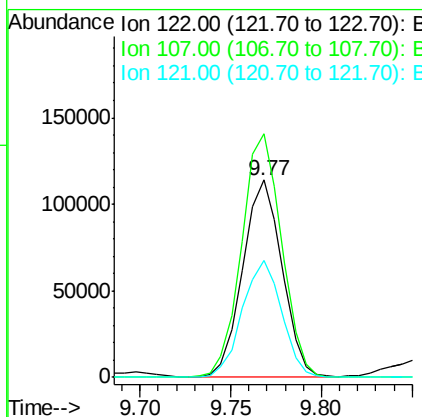
PB83231BS



Tgt Ion	Ratio	Resp	Lower	Upper
122	100	172477		
107	123.3	97.6	146.4	
121	58.9	48.4	72.6	

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#28

bis(2-Chloroethoxy)methane

Concen: 42.27 ng

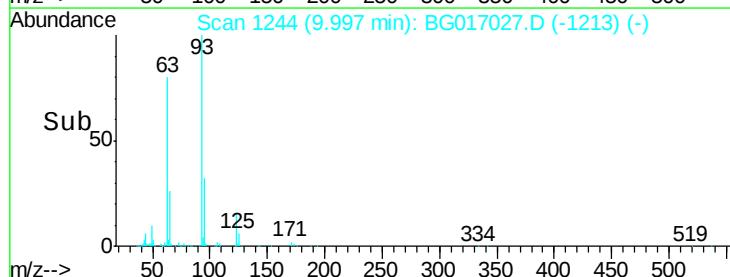
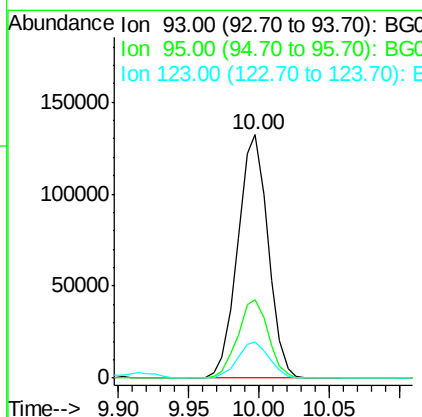
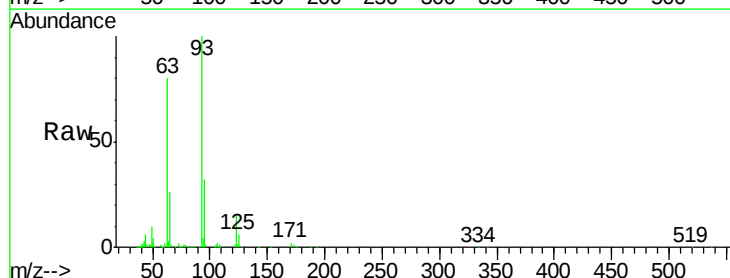
RT: 10.00 min Scan# 1244

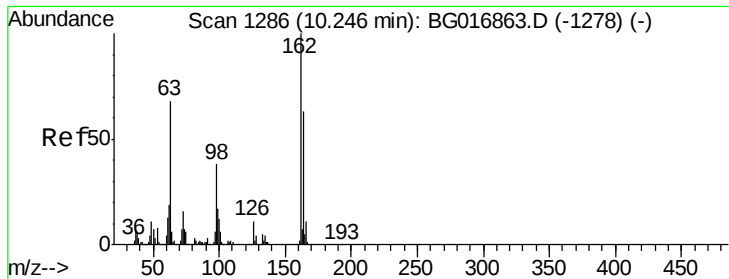
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198757		
95	32.4	24.8	37.2	
123	14.8	12.6	19.0	





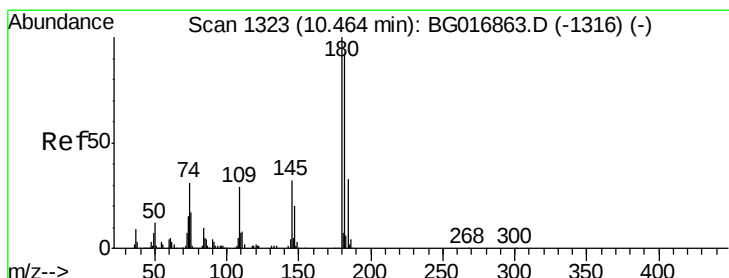
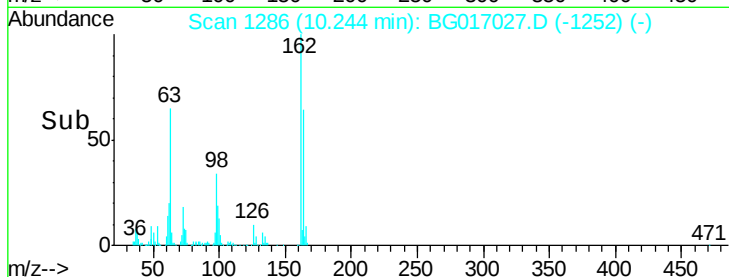
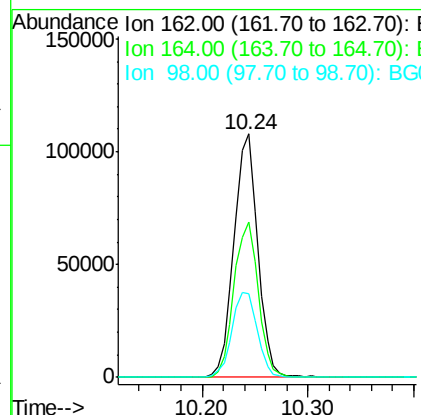
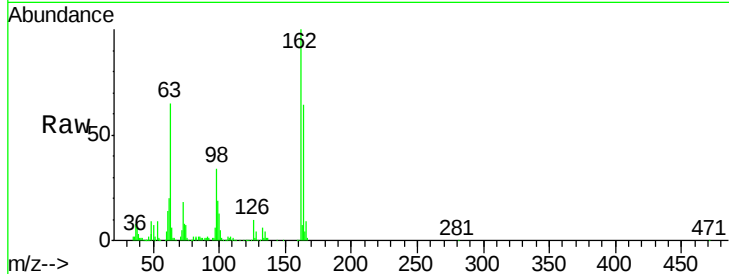
#29
 2,4-Dichlorophenol
 Concen: 51.92 ng
 RT: 10.24 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	168376		
164	63.7	42.9	82.9	
98	34.3	18.4	58.4	

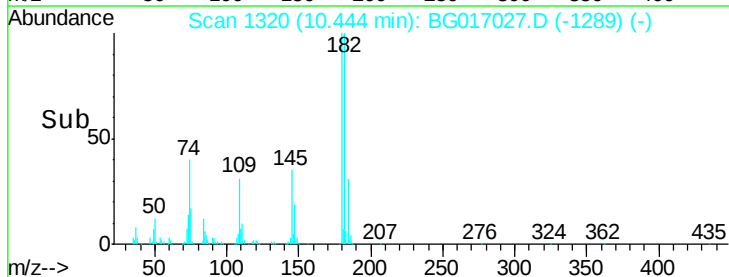
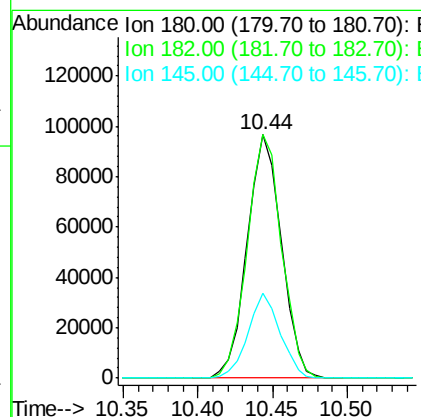
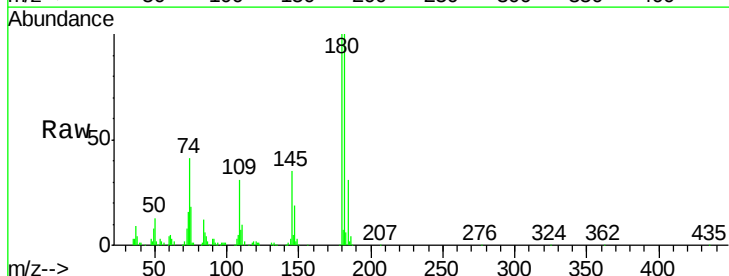
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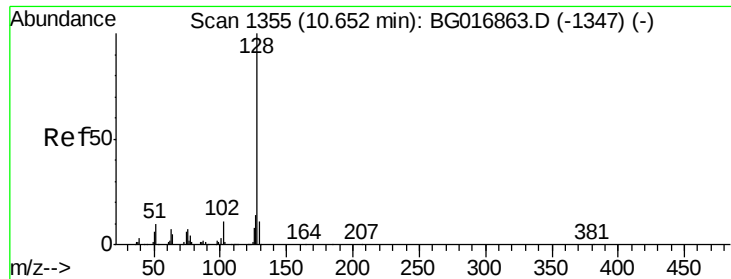
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.48 ng
 RT: 10.44 min Scan# 1320
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	152959		
182	100.1	73.8	110.8	
145	35.1	25.4	38.0	





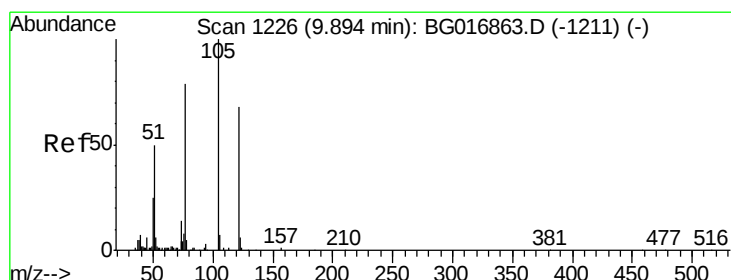
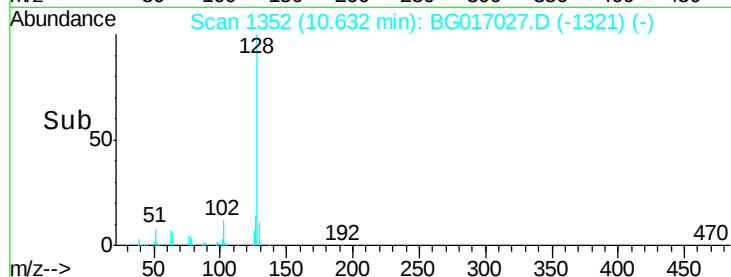
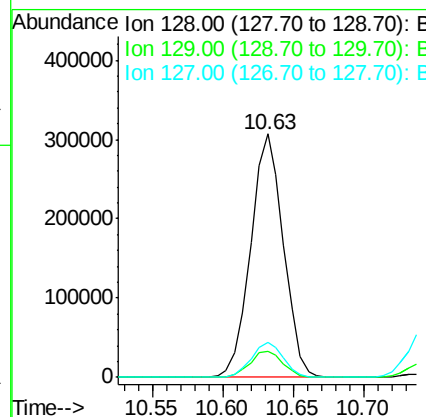
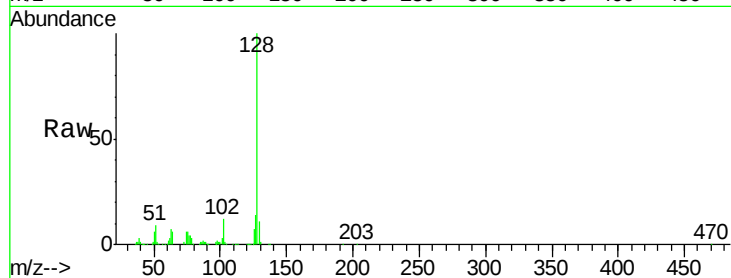
#31
Naphthalene
Concen: 44.46 ng
RT: 10.63 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	9.1	13.7
127	14.1	10.9	16.3

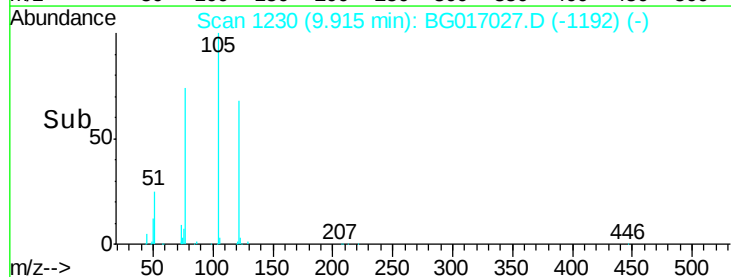
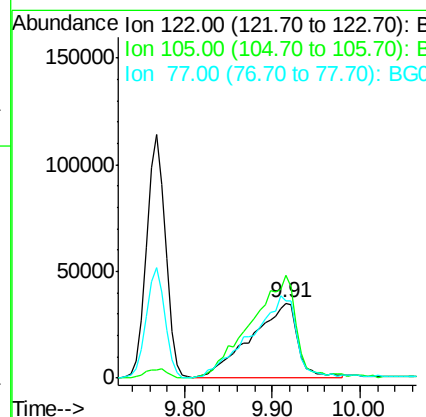
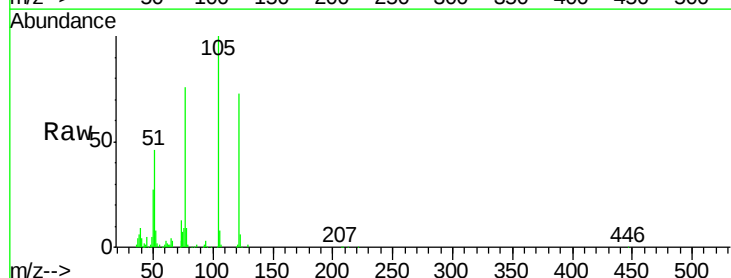
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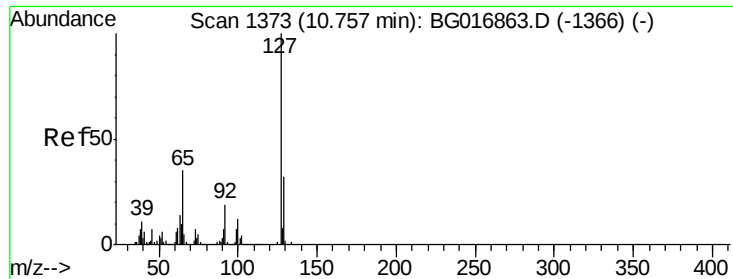
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#32
Benzoic acid
Concen: 57.35 ng
RT: 9.91 min Scan# 1230
Delta R.T. 0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	137.4	123.2	163.2
77	104.0	93.0	133.0





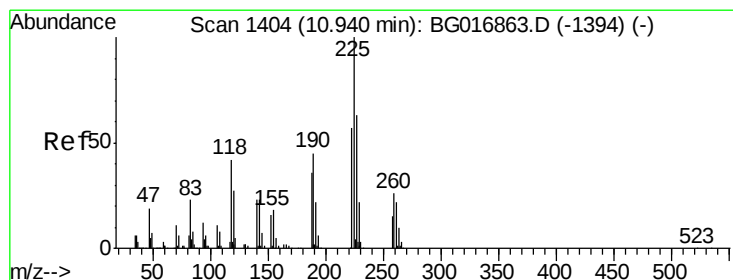
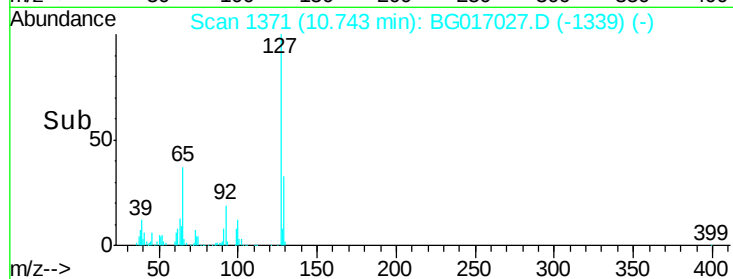
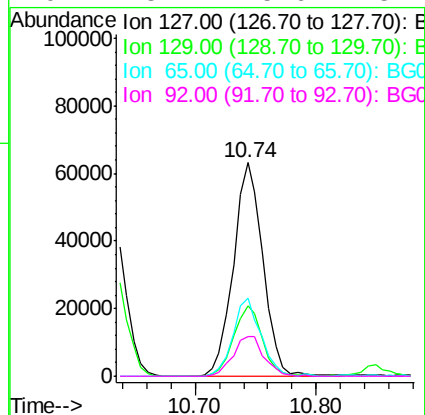
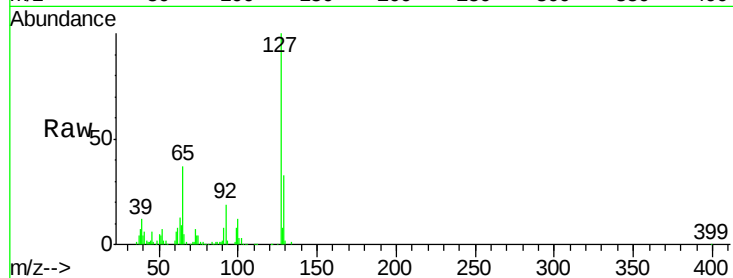
#33
4-Chloroaniline
Concen: 20.81 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	32.8	25.8	38.6
65	36.8	28.2	42.2
92	18.7	15.6	23.4

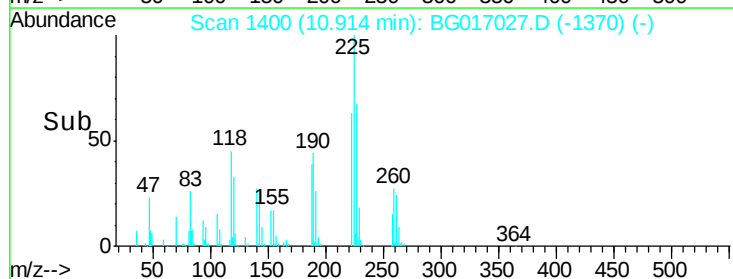
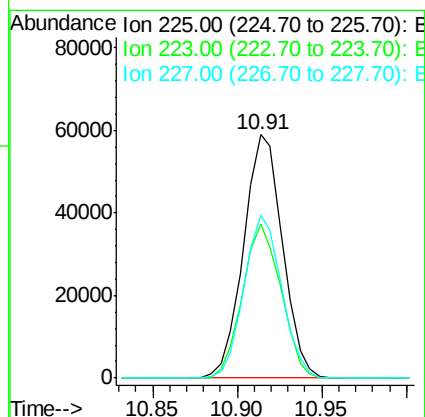
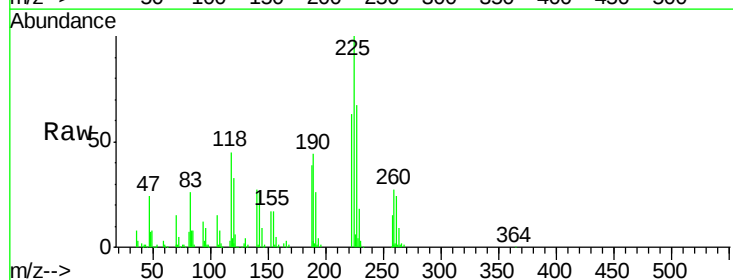
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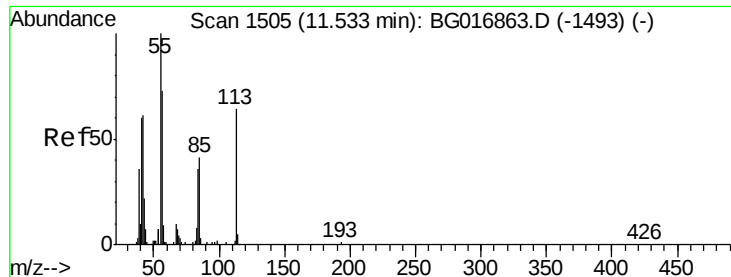
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#34
Hexachlorobutadiene
Concen: 43.91 ng
RT: 10.91 min Scan# 1400
Delta R.T. -0.03 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.0	45.8	68.6
227	66.8	50.7	76.1





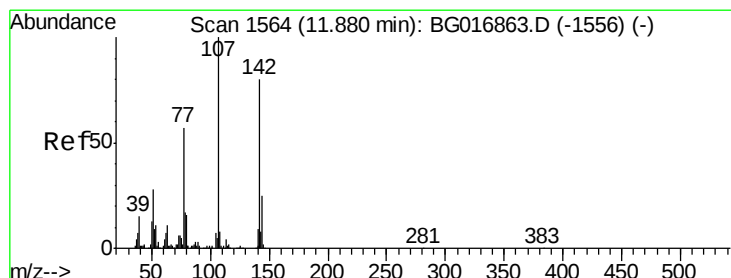
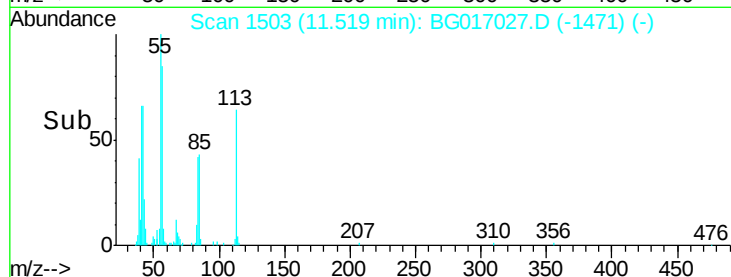
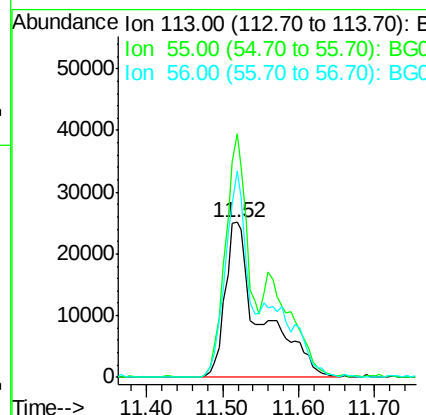
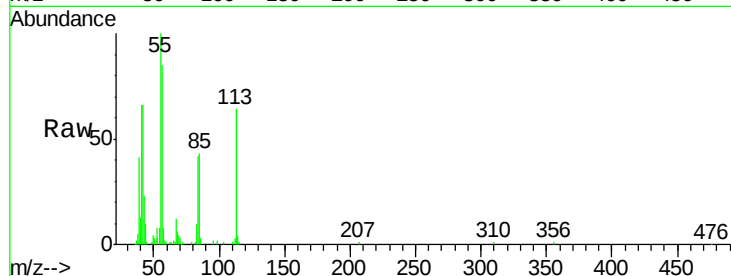
#35
 Caprolactam
 Concen: 48.77 ng m
 RT: 11.52 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	157.4	137.1	177.1	
56	133.9	94.3	134.3	

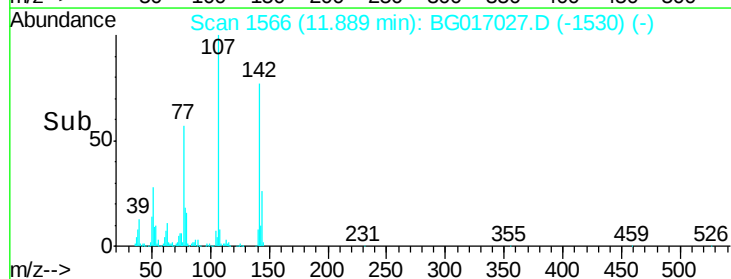
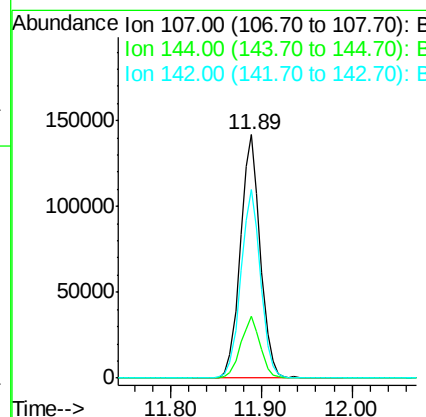
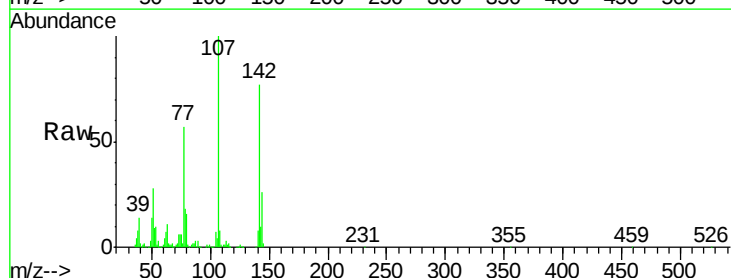
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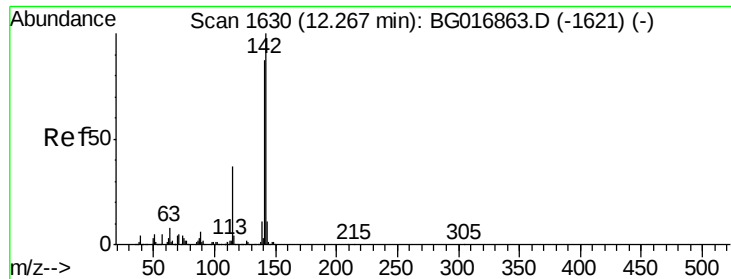
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#36
 4-Chloro-3-methylphenol
 Concen: 52.50 ng
 RT: 11.89 min Scan# 1566
 Delta R.T. 0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.5	20.2	30.2	
142	77.4	64.2	96.2	





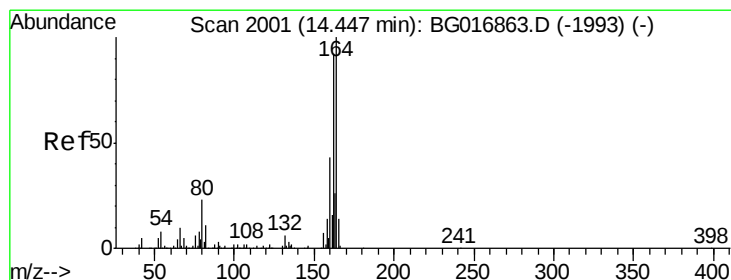
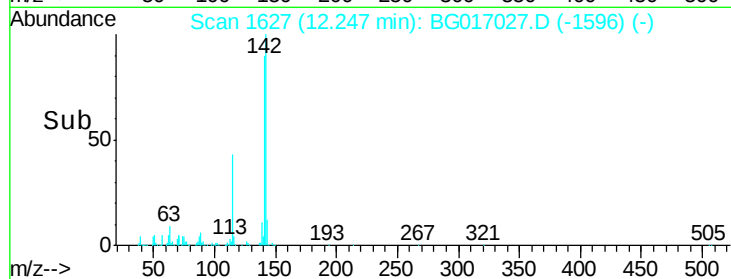
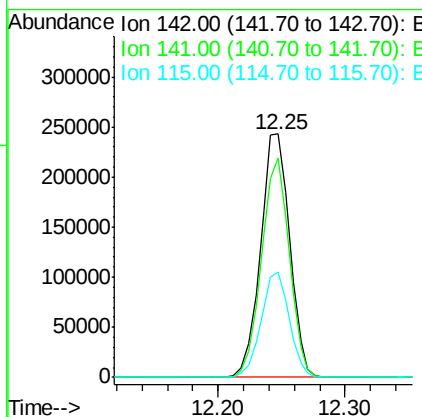
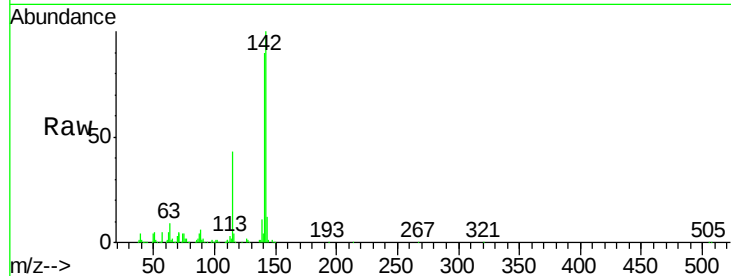
#37
2-Methylnaphthalene
Concen: 45.62 ng
RT: 12.25 min Scan# 1627
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	389478		
141	89.8	69.9	104.9	
115	43.1	29.8	44.8	

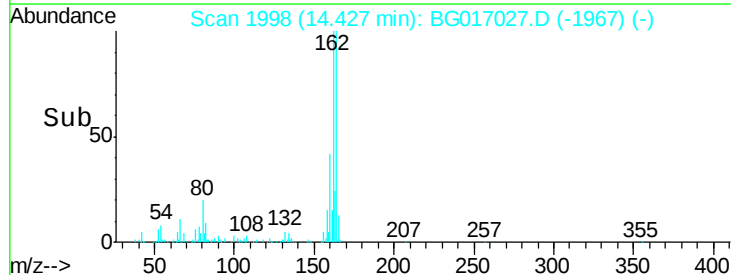
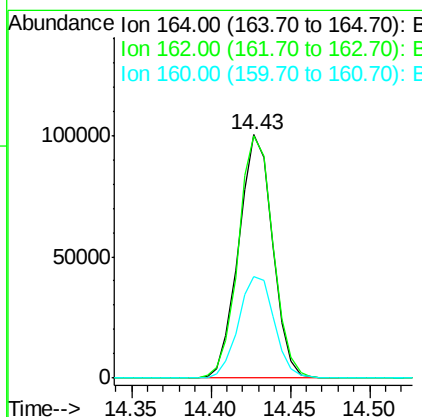
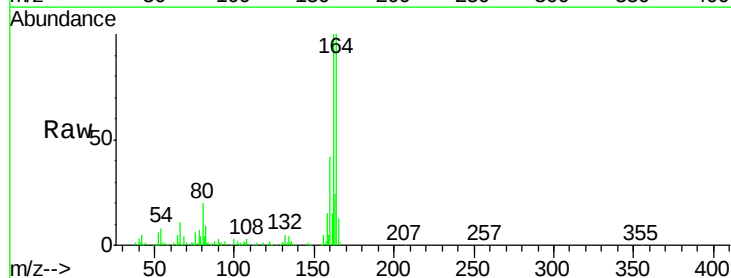
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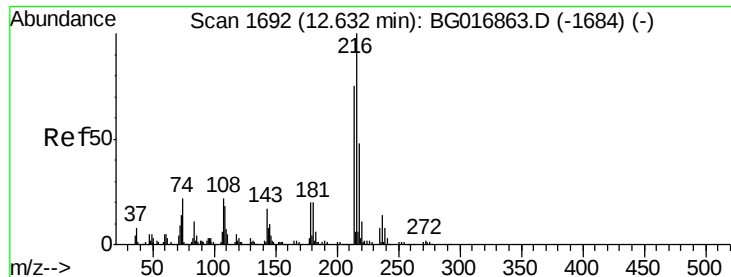
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	148506		
162	99.6	74.0	111.0	
160	41.9	34.7	52.1	





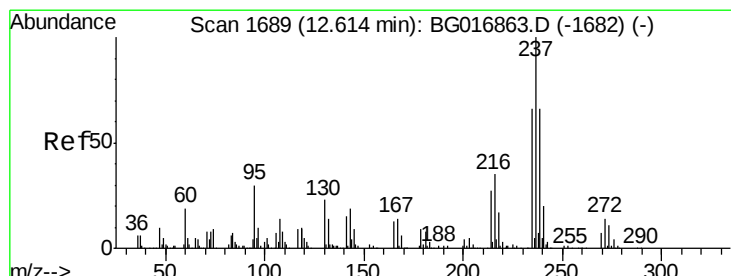
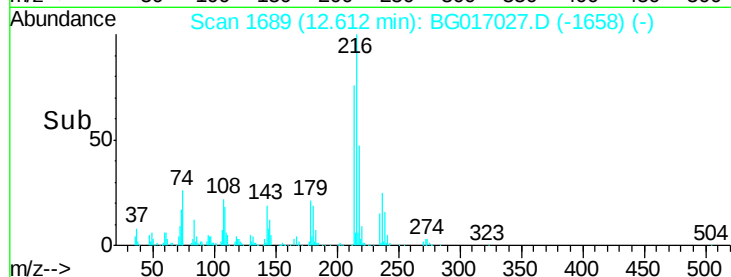
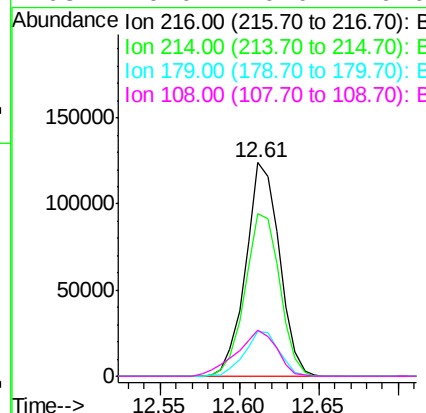
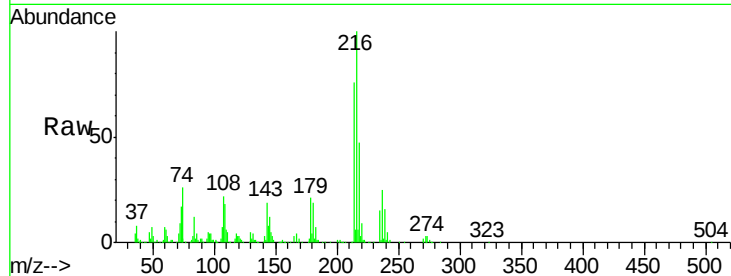
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.39 ng
 RT: 12.61 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	78.7	0.0	0.0#
179	21.6	0.0	0.0#
108	26.0	0.0	0.0#

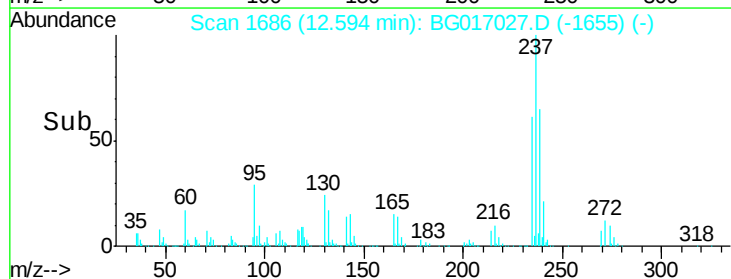
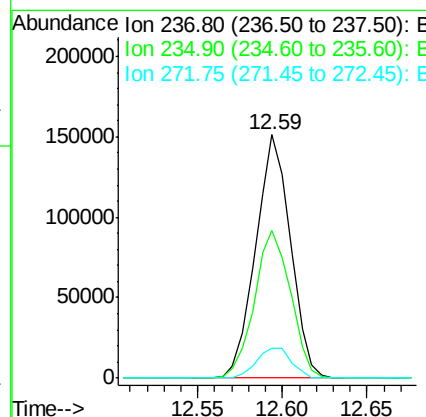
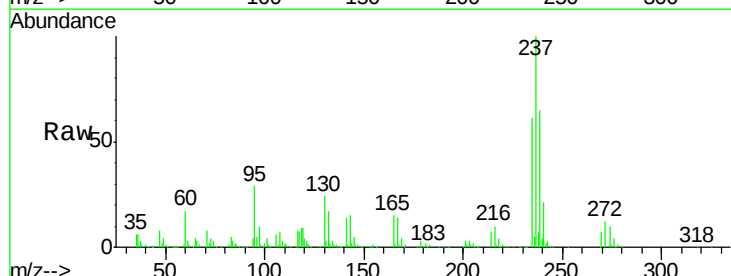
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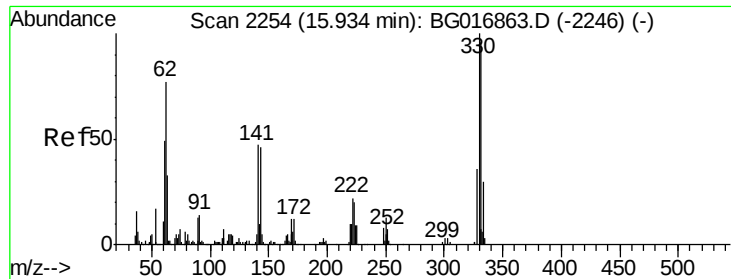
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#40
 Hexachlorocyclopentadiene
 Concen: 83.63 ng
 RT: 12.59 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.7	45.5	85.5
272	12.1	0.0	33.7





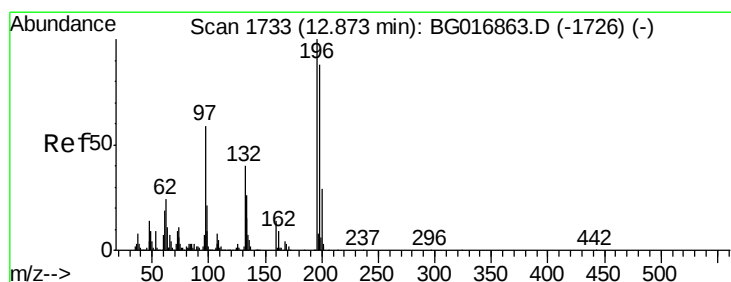
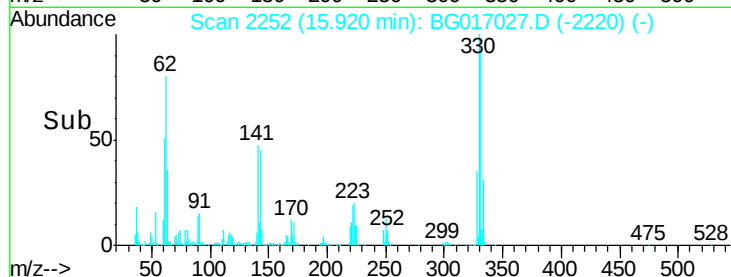
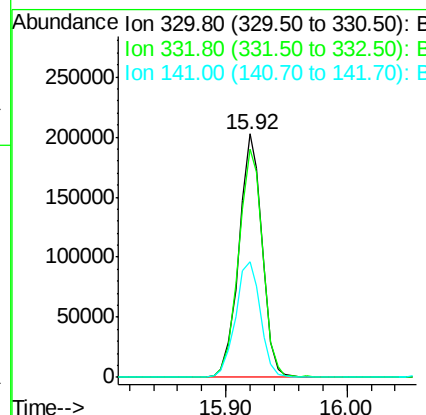
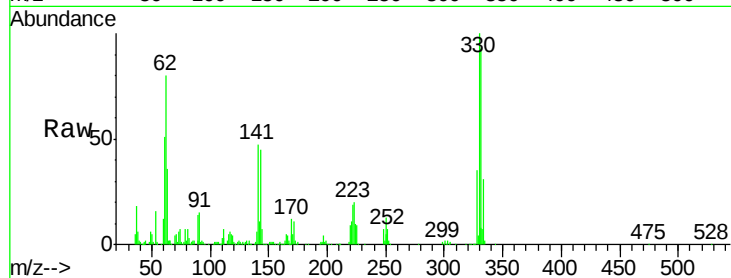
#41
 2,4,6-Tribromophenol
 Concen: 181.20 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampled :
 PB83231BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	97.6	0.0	0.0#
141	50.9	0.0	0.0#

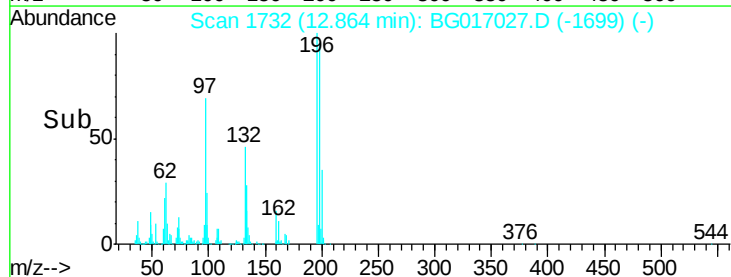
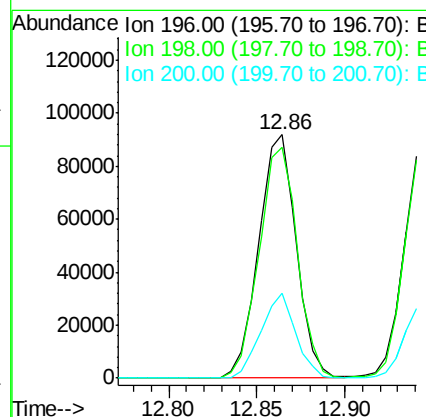
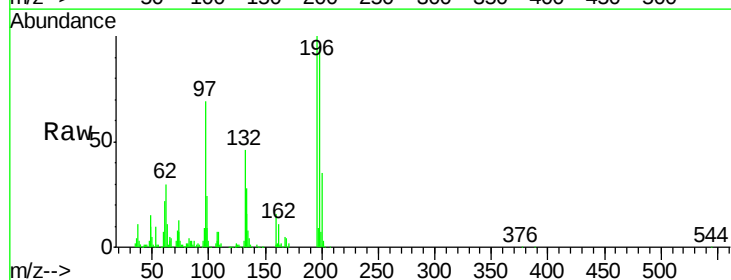
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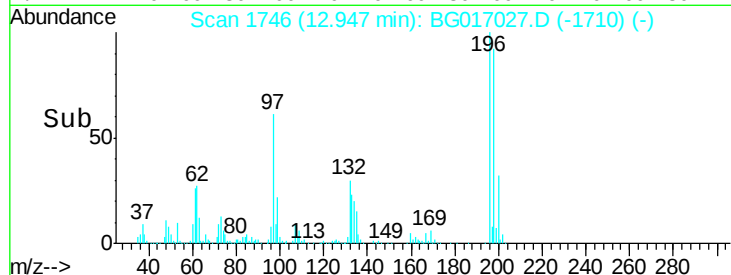
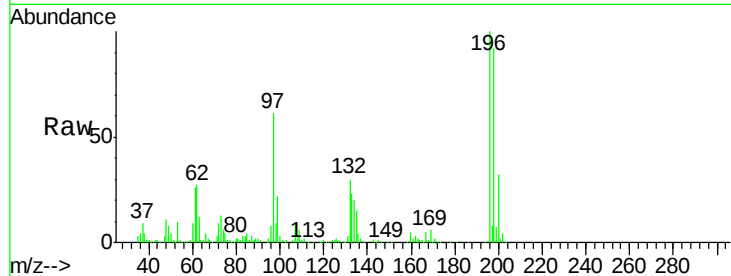
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#42
 2,4,6-Trichlorophenol
 Concen: 48.39 ng m
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.6	70.7	106.1
200	34.9	23.0	34.4#





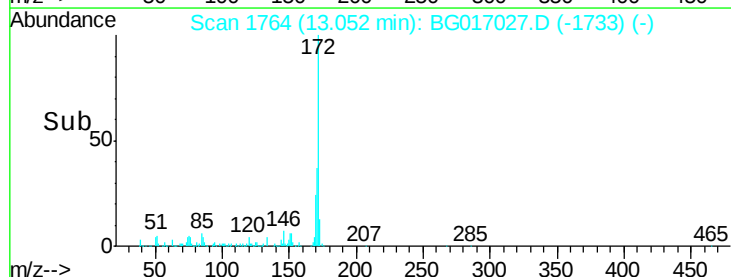
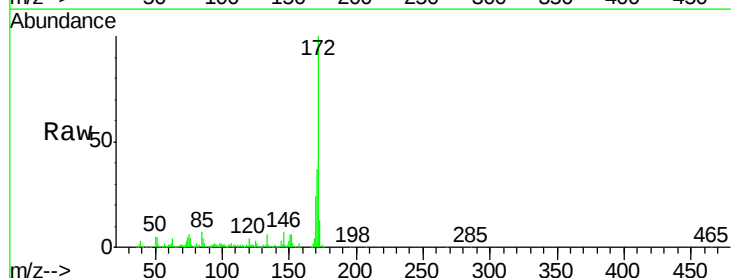
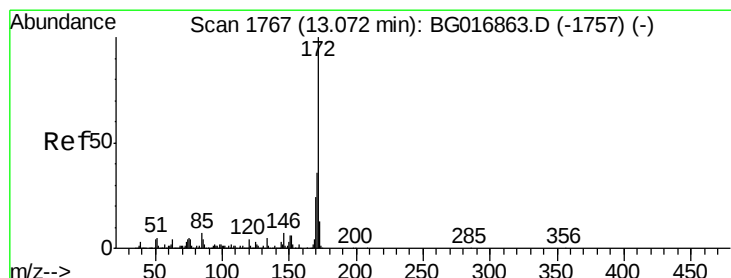
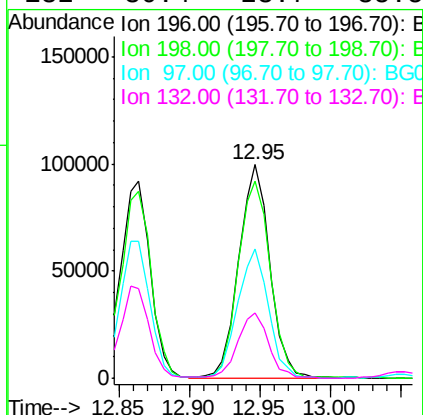
#43
2,4,5-Trichlorophenol
Concen: 50.40 ng
RT: 12.95 min Scan# 1746
Delta R.T. 0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampled :
PB83231BS

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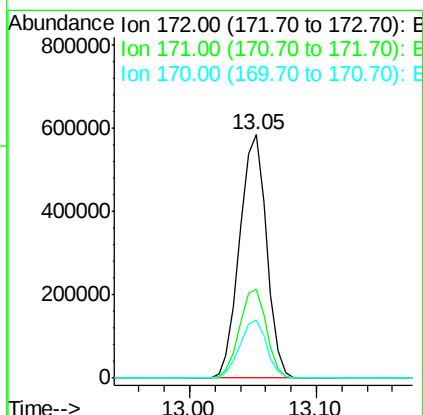
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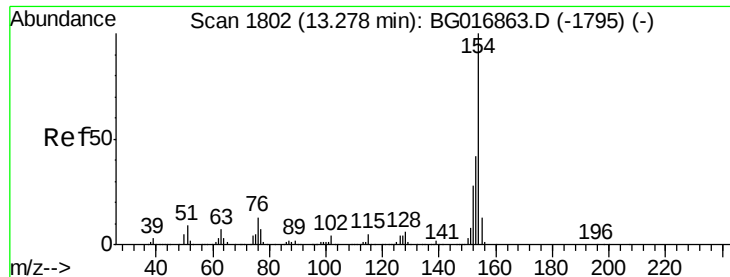
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
196	100		152206		
198	92.4	77.5	116.3		
97	60.7	45.9	68.9		
132	30.4	23.7	35.5		



#44
2-Fluorobiphenyl
Concen: 87.34 ng
RT: 13.05 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		859556		
171	36.7	29.0	43.4		
170	23.8	19.0	28.4		





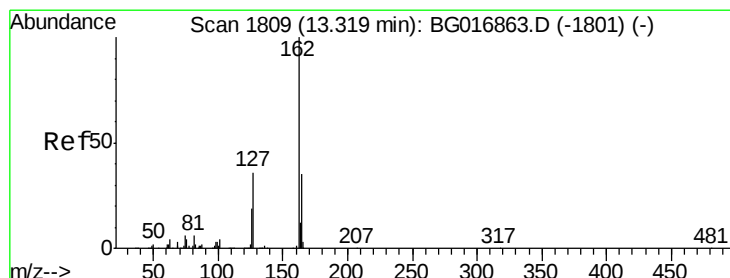
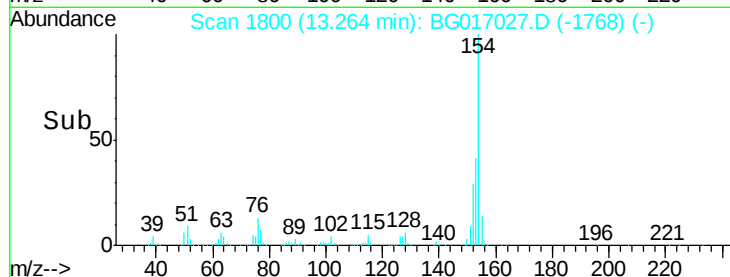
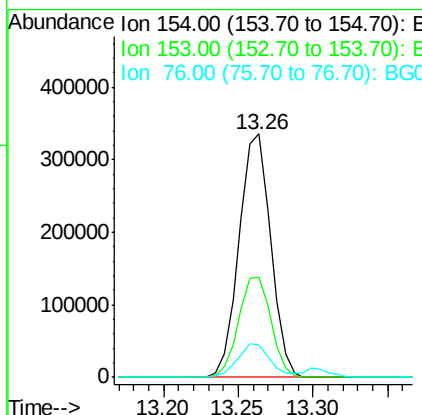
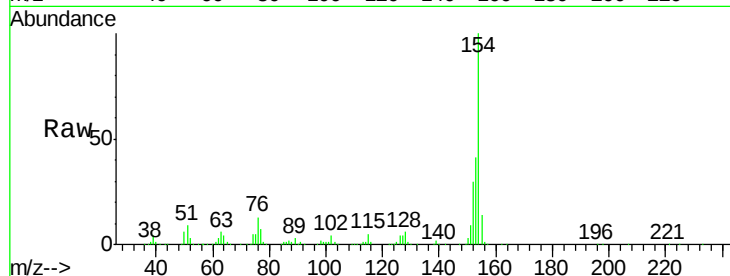
#45
 1,1'-Biphenyl
 Concen: 46.54 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	494808		
153	41.3	22.0	62.0	
76	13.5	0.0	33.3	

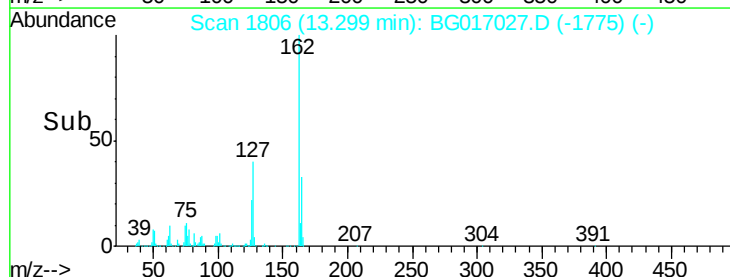
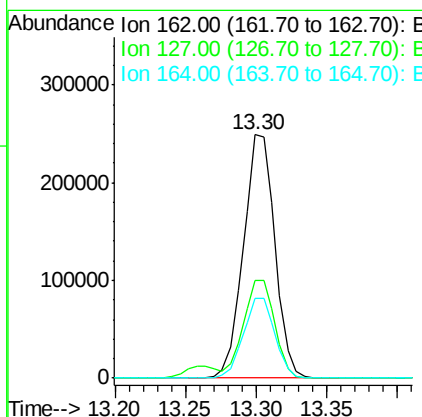
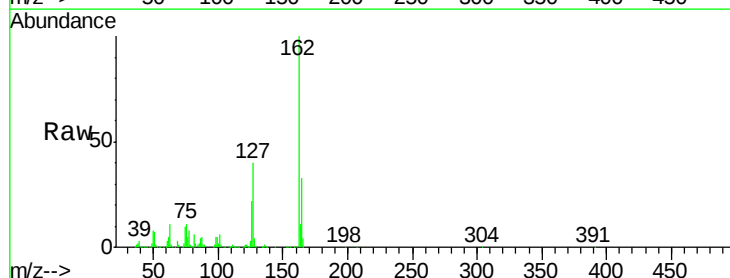
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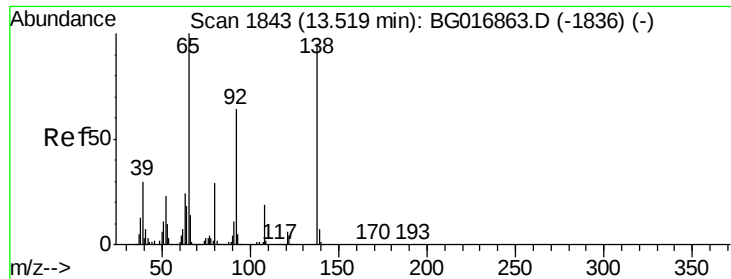
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#46
 2-Chloronaphthalene
 Concen: 45.98 ng
 RT: 13.30 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	387244		
127	40.0	31.2	46.8	
164	32.9	27.8	41.6	





#47

2-Nitroaniline

Concen: 58.35 ng

RT: 13.51 min Scan# 1842

Delta R.T. -0.01 min

Lab File: BG017027.D

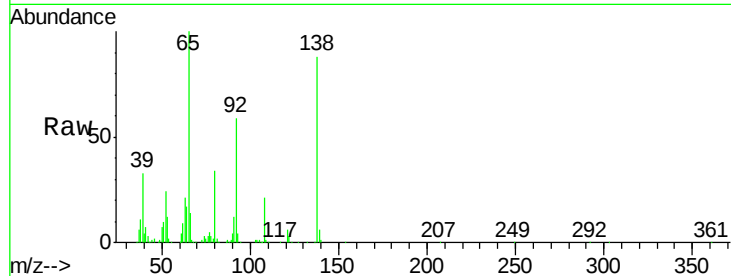
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

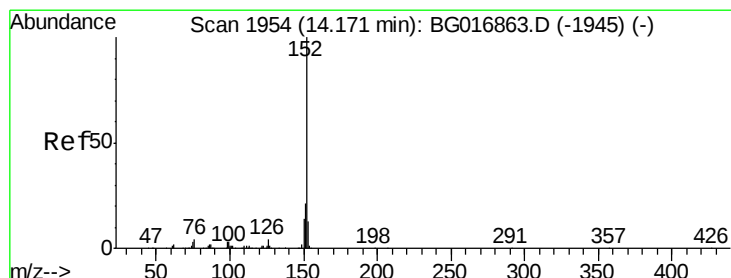
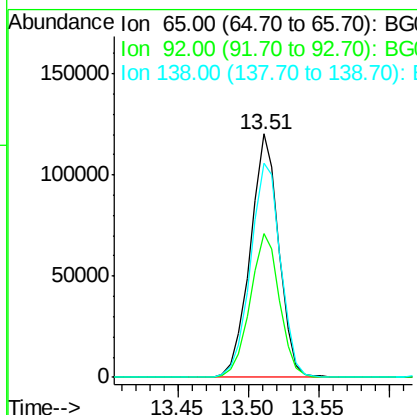
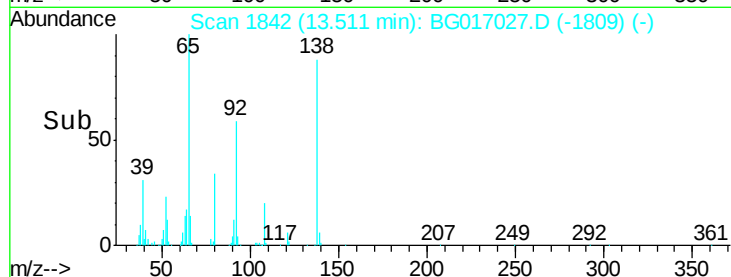
PB83231BS



Tgt Ion	Ratio	Lower	Upper
65	100		
92	59.1	51.0	76.6
138	88.1	76.2	114.2

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#48

Acenaphthylene

Concen: 45.59 ng

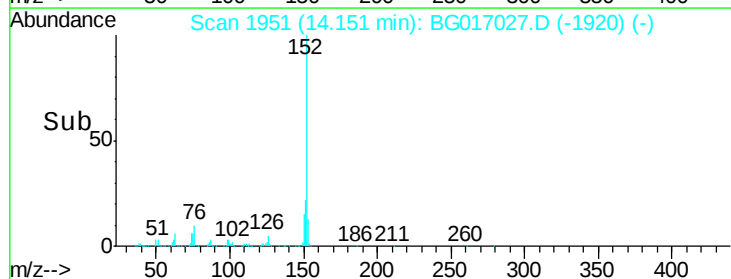
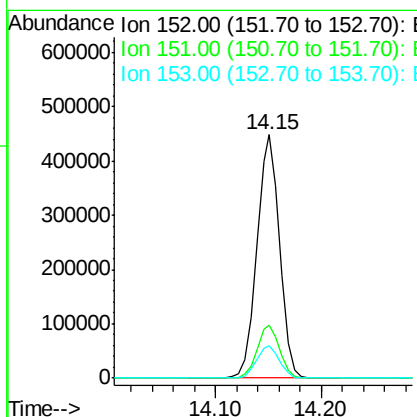
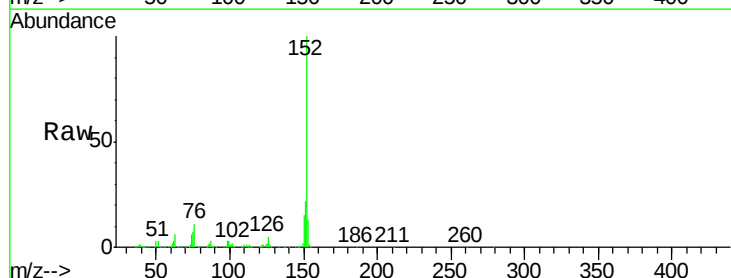
RT: 14.15 min Scan# 1951

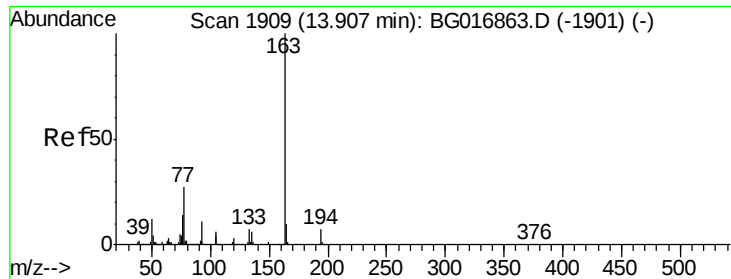
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.4
153	13.4	10.7	16.1





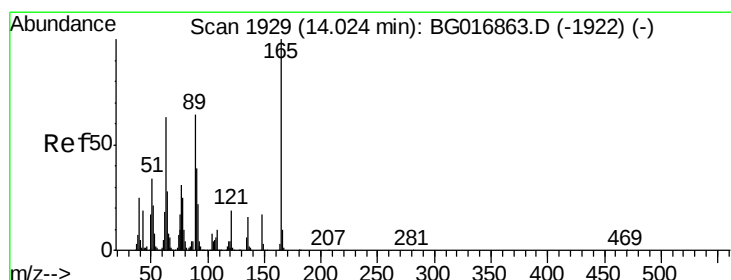
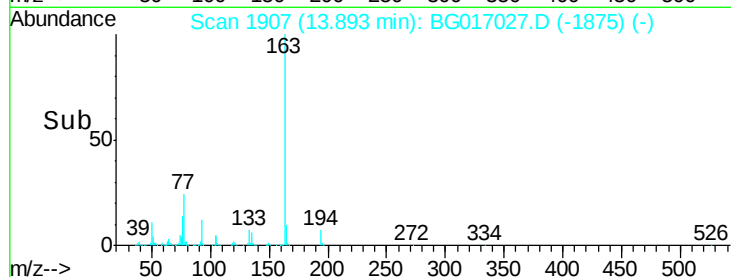
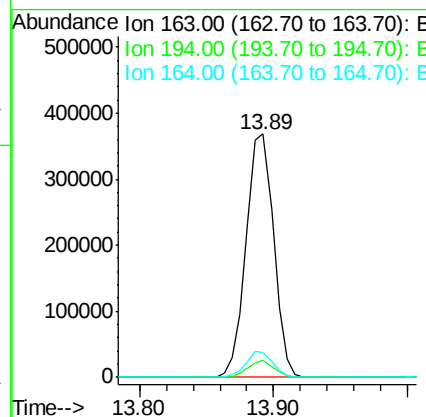
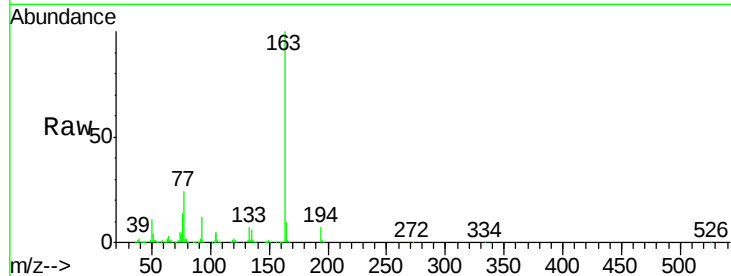
#49
Dimethylphthalate
Concen: 47.36 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	525179		
194	7.0	5.2	7.8	
164	9.9	8.4	12.6	

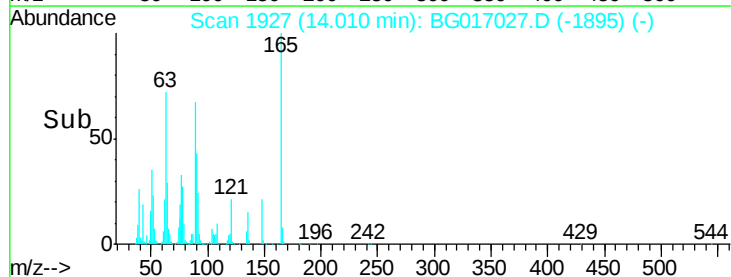
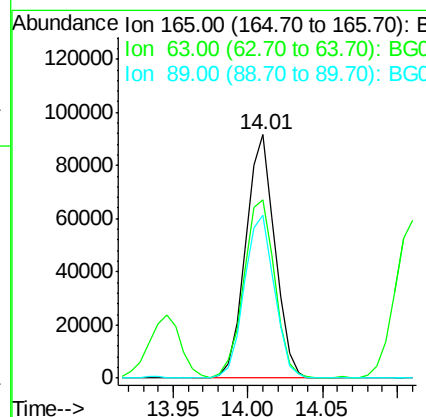
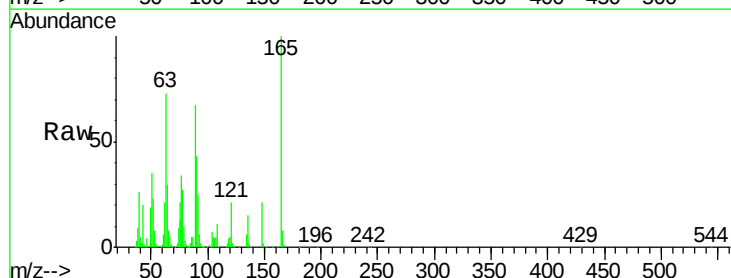
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#50
2,6-Dinitrotoluene
Concen: 53.63 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	123479		
63	73.2	50.9	76.3	
89	66.8	51.4	77.2	





#51

Acenaphthene

Concen: 46.00 ng

RT: 14.49 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG017027.D

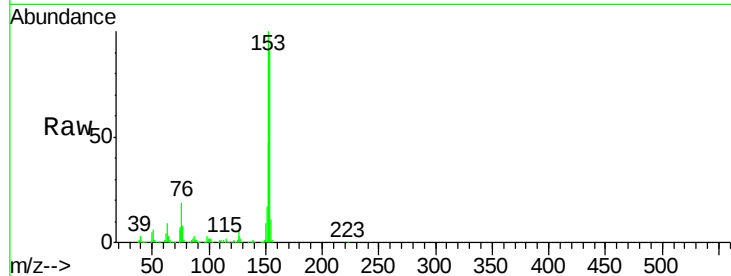
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

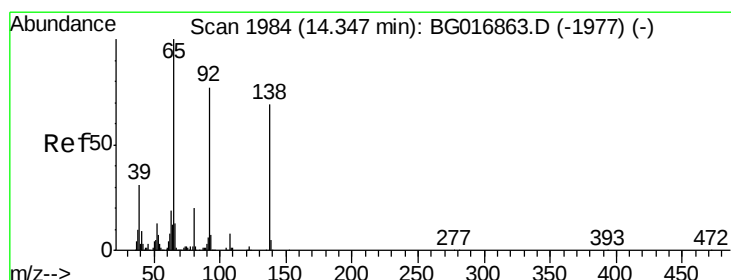
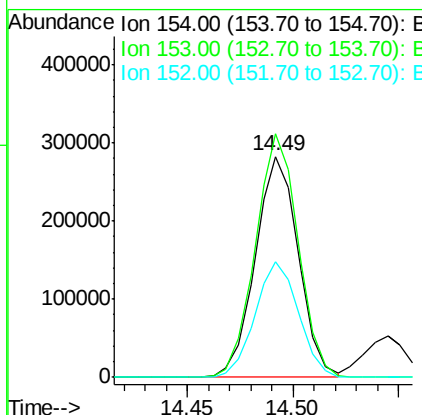
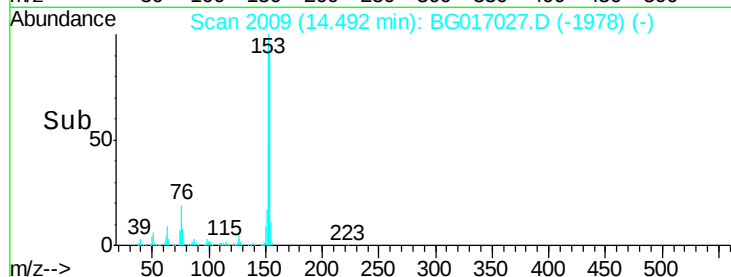
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Tgt	Ion	Resp	Lower	Upper
154	100			
153	110.1	84.2	126.4	
152	52.1	40.2	60.2	

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#52

3-Nitroaniline

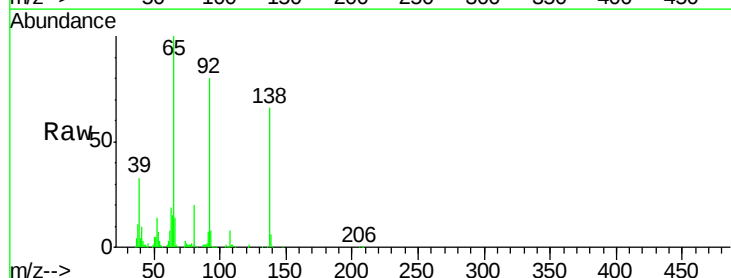
Concen: 41.12 ng

RT: 14.34 min Scan# 1983

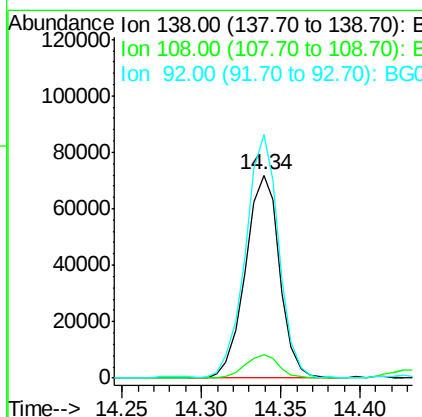
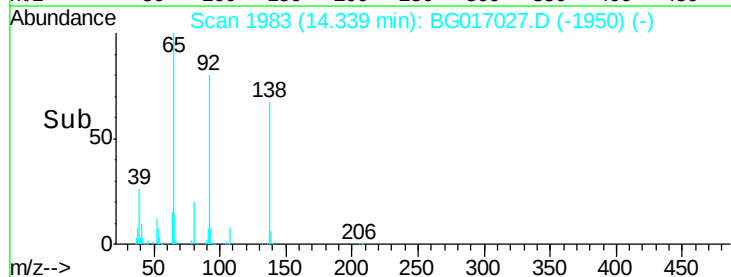
Delta R.T. -0.01 min

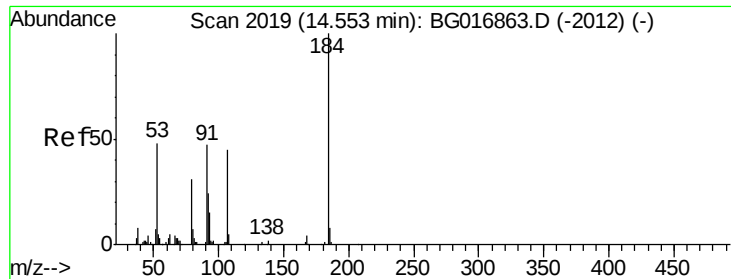
Lab File: BG017027.D

Acq: 10 May 2015 15:28



Tgt	Ion	Resp	Lower	Upper
138	100			
108	11.8	9.5	14.3	
92	119.8	89.6	134.4	





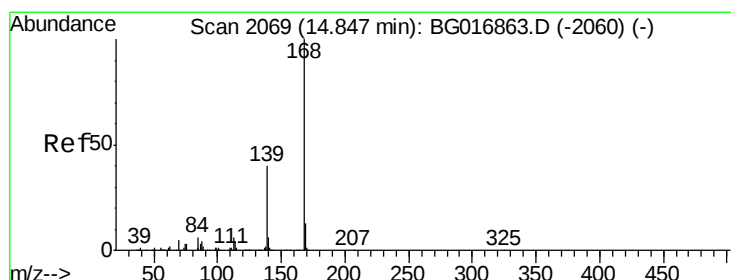
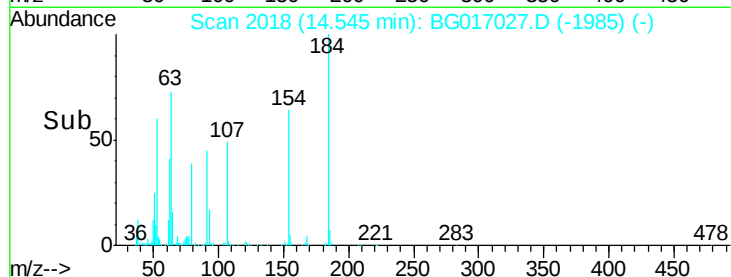
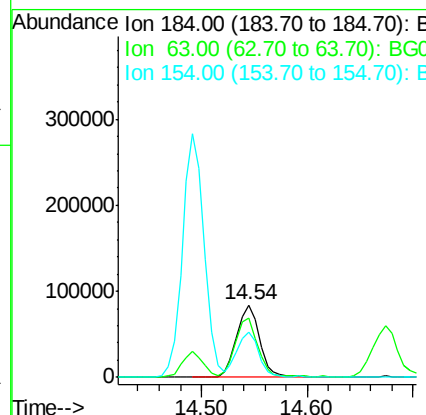
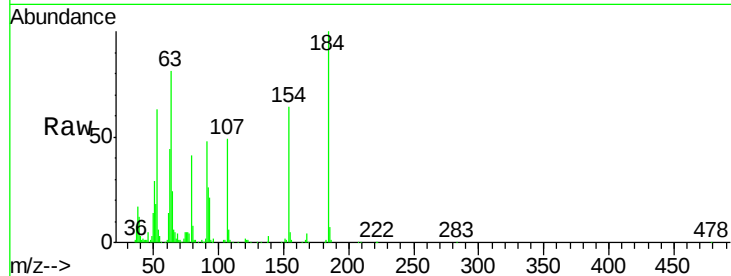
#53
2,4-Dinitrophenol
Concen: 121.23 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	127666		
63	81.4	53.4	80.0#	
154	63.5	41.0	61.6#	

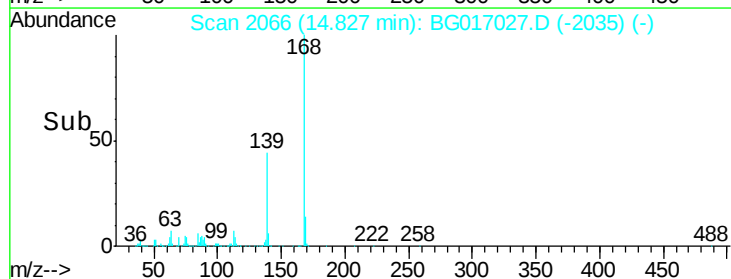
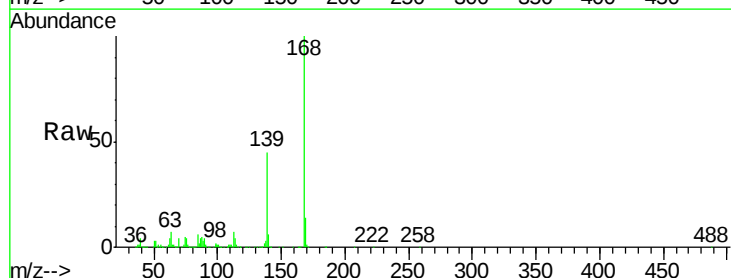
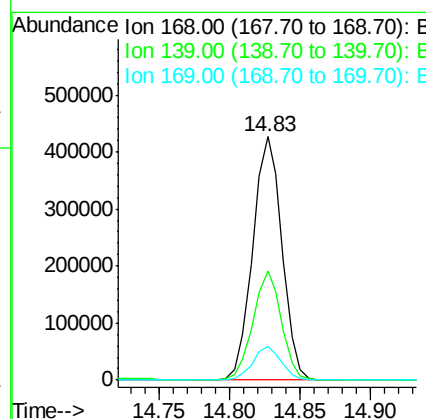
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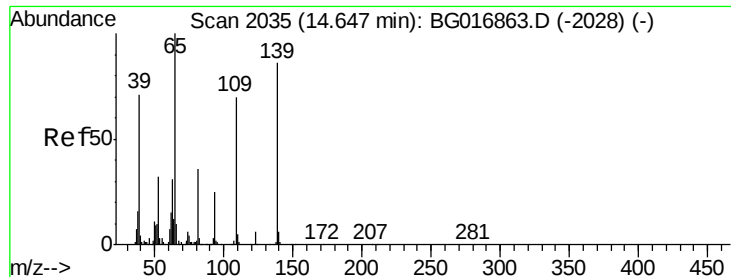
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#54
Dibenzofuran
Concen: 49.96 ng
RT: 14.83 min Scan# 2066
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	619187		
139	44.9	32.5	48.7	
169	13.9	10.4	15.6	





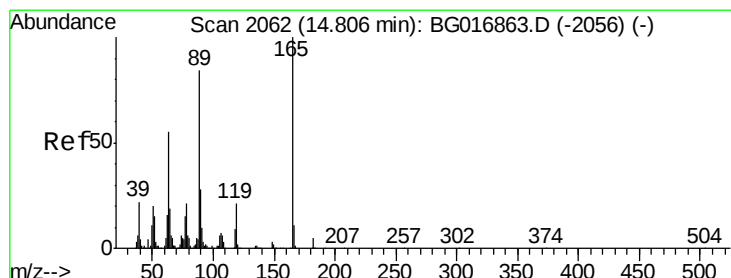
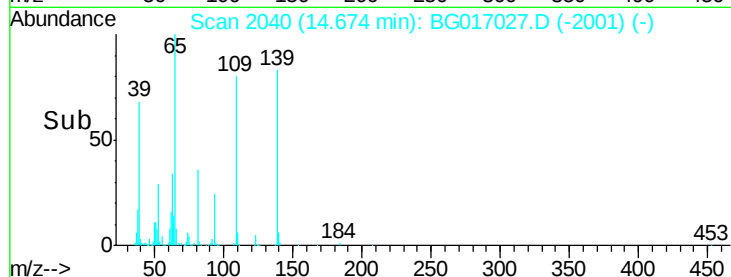
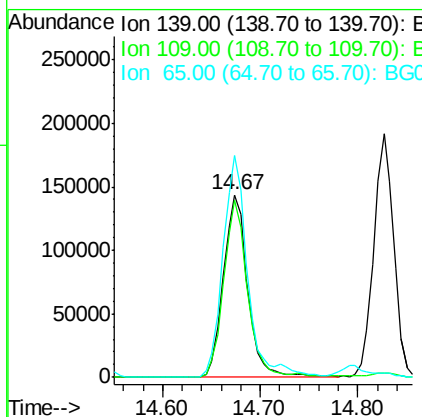
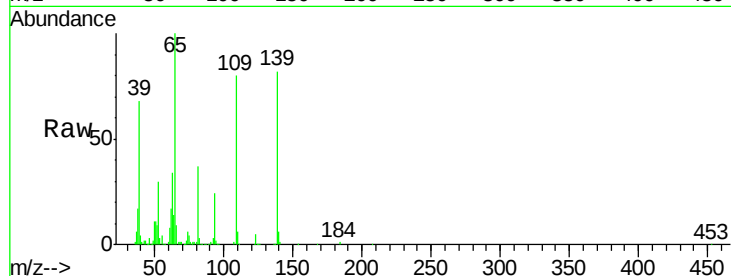
#55
4-Nitrophenol
Concen: 112.15 ng
RT: 14.67 min Scan# 2040
Delta R.T. 0.03 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampled :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	249091		
109	96.8	61.8	101.8	
65	121.4	96.8	136.8	

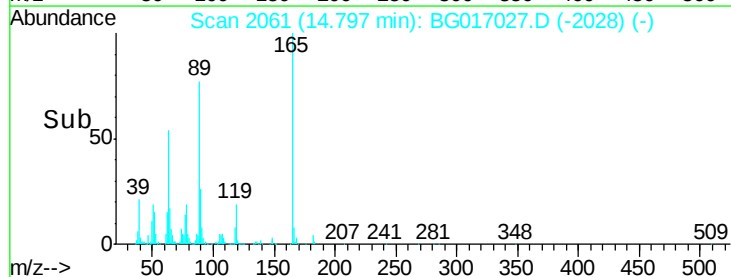
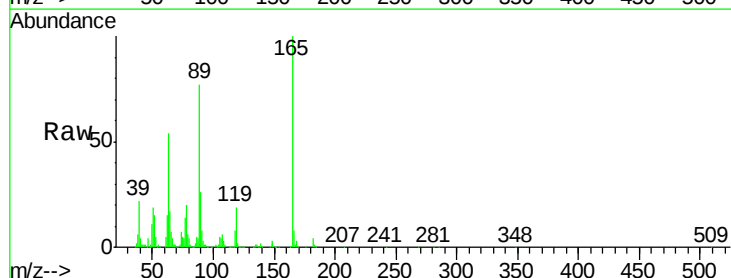
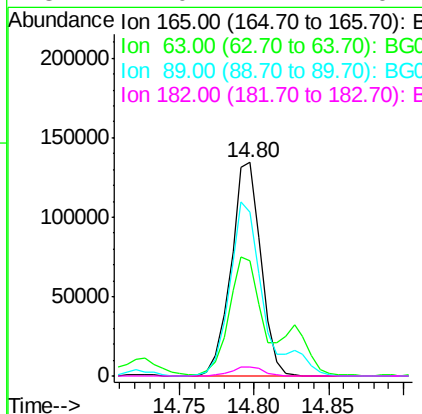
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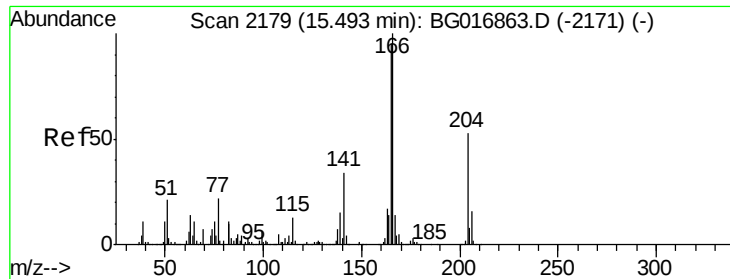
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#56
2,4-Dinitrotoluene
Concen: 63.65 ng
RT: 14.80 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	187470		
63	54.2	44.2	66.4	
89	76.9	67.2	100.8	
182	4.0	4.2	6.4	#





#57

Fluorene

Concen: 49.75 ng

RT: 15.47 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

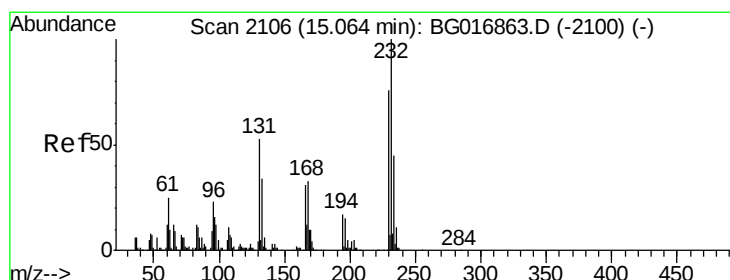
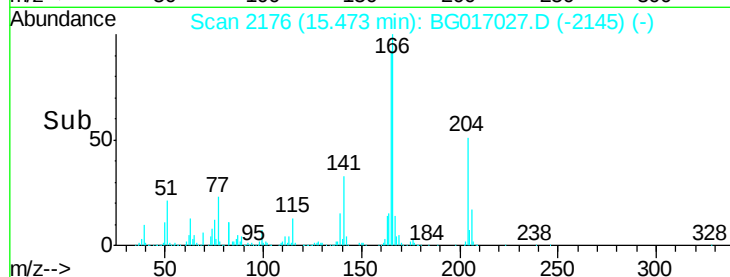
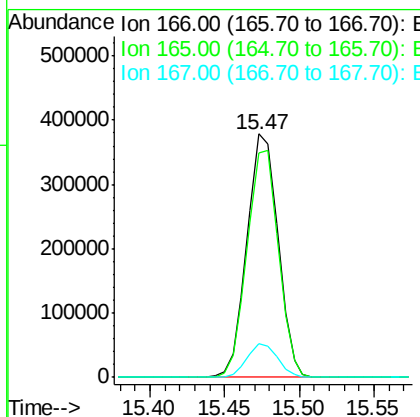
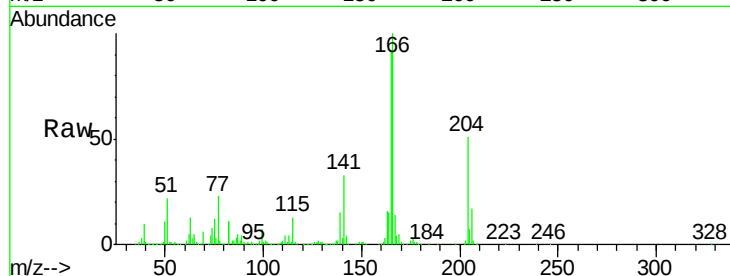
ClientSampleId :

PB83231BS

Tgt Ion:	166	Resp:	545909
Ion Ratio	Lower	Upper	
166	100		
165	92.3	76.1	114.1
167	13.9	11.4	17.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 56.38 ng

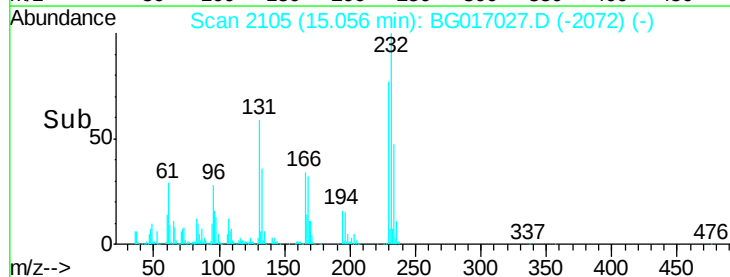
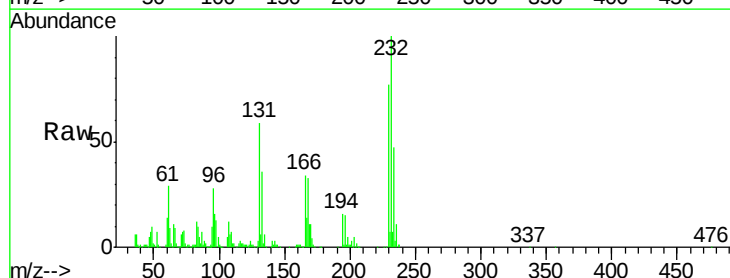
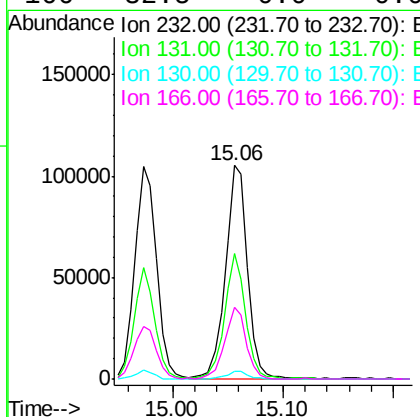
RT: 15.06 min Scan# 2105

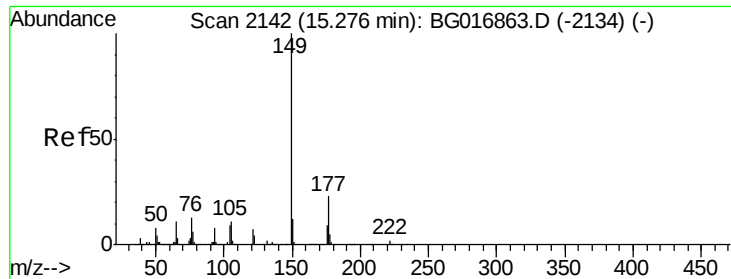
Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	232	Resp:	146903
Ion Ratio	Lower	Upper	
232	100		
131	54.8	0.1	0.1#
130	3.5	0.0	0.0#
166	32.5	0.0	0.0#





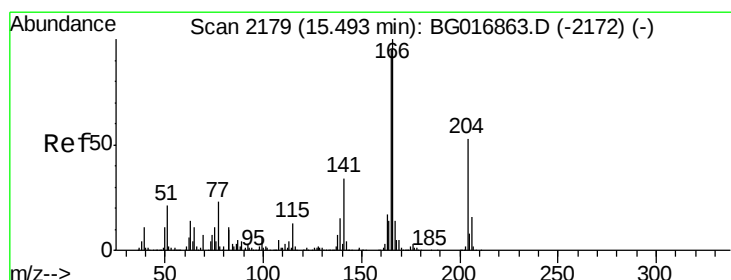
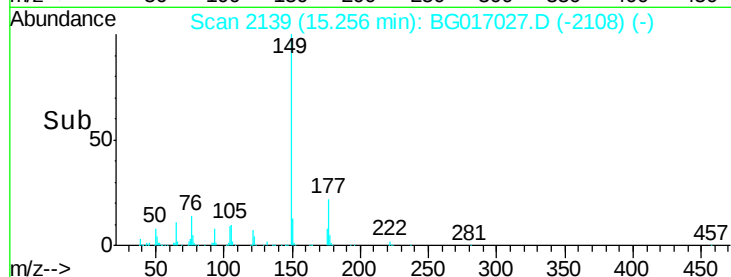
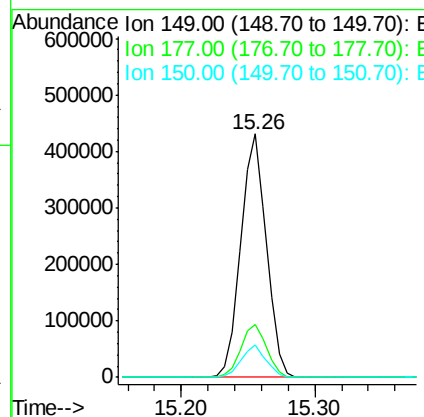
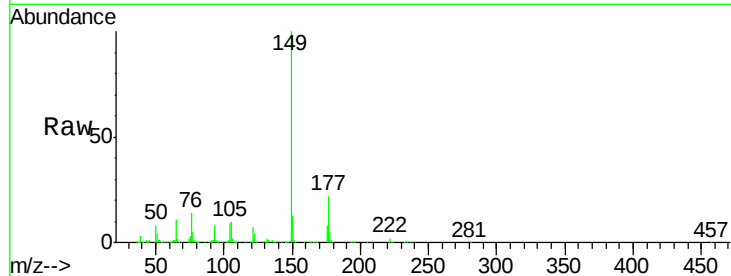
#59
Diethylphthalate
Concen: 48.67 ng
RT: 15.26 min Scan# 2139
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleID :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	569740		
177	21.9	18.6	27.8	
150	13.1	9.8	14.8	

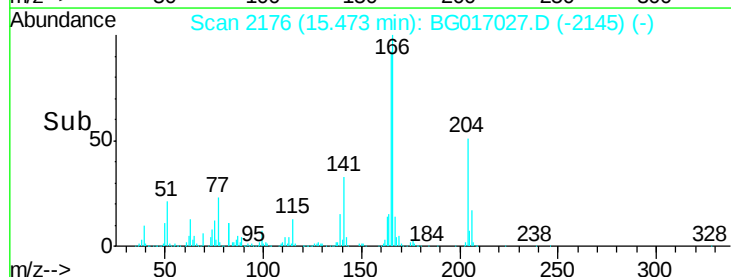
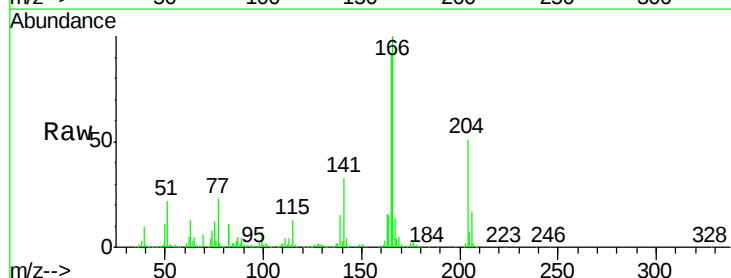
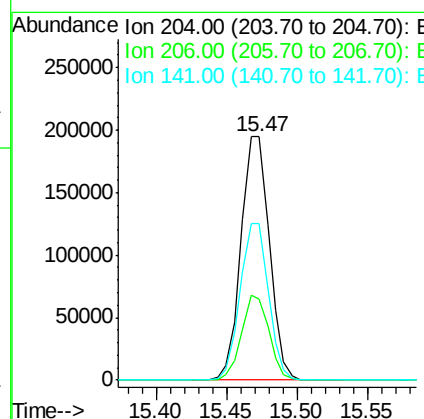
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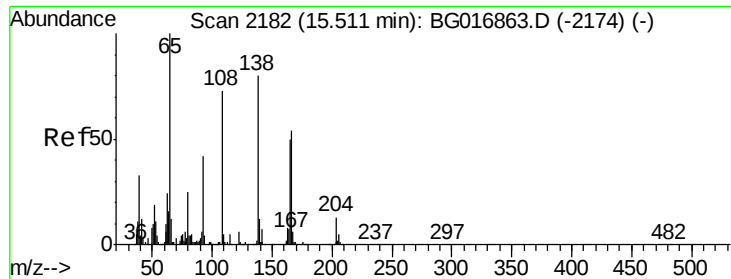
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#60
4-Chlorophenyl-phenylether
Concen: 49.71 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274078		
206	33.0	24.8	37.2	
141	64.3	52.4	78.6	





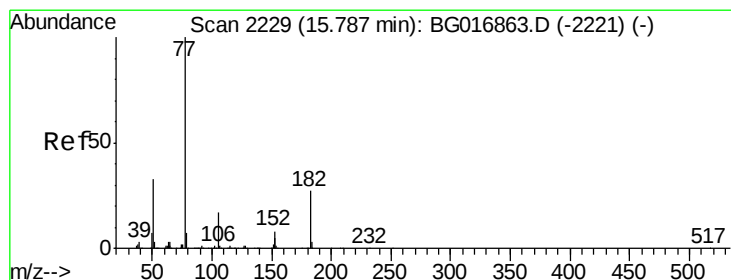
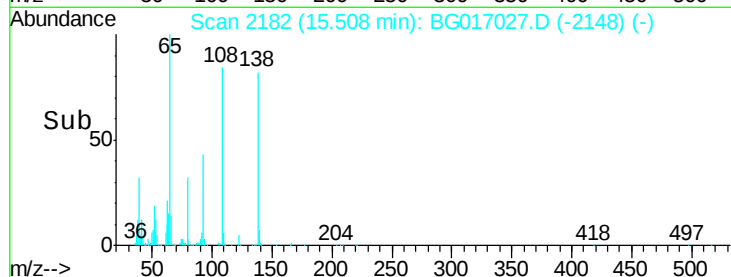
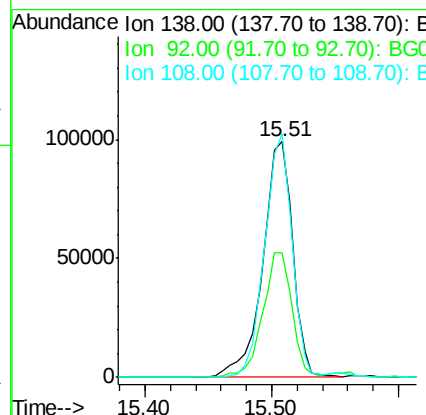
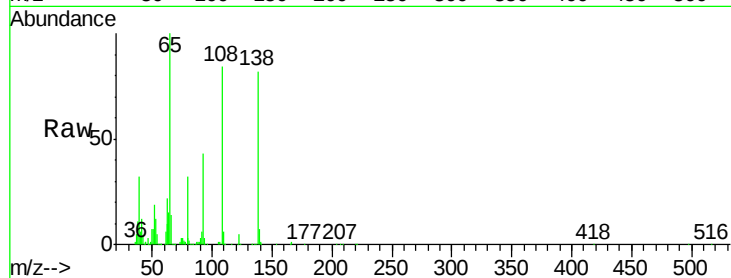
#61
4-Nitroaniline
Concen: 53.98 ng
RT: 15.51 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	163915		
92	52.7	31.8	71.8	
108	103.3	70.6	110.6	

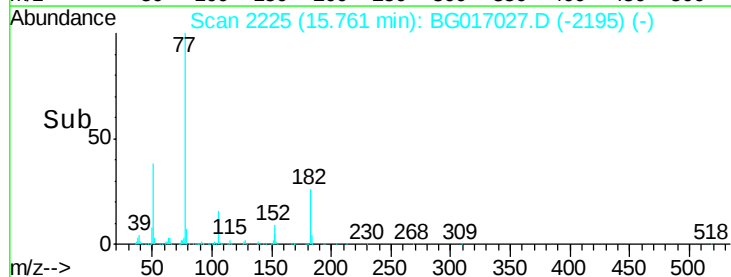
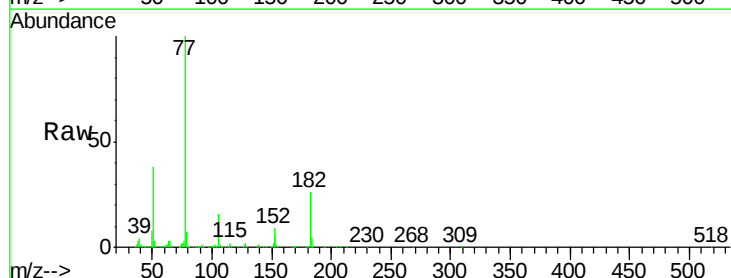
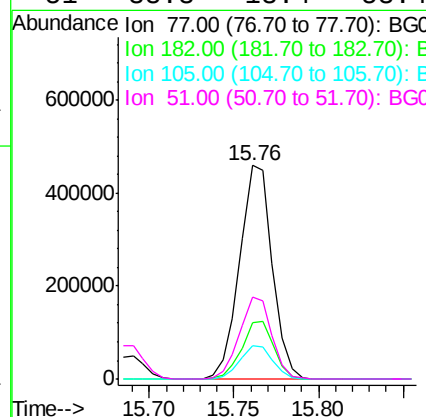
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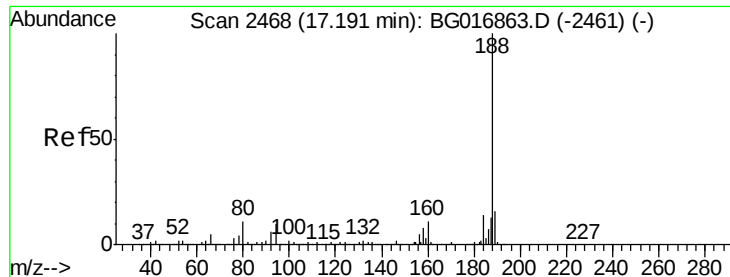
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#62
Azobenzene
Concen: 51.01 ng
RT: 15.76 min Scan# 2225
Delta R.T. -0.03 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	618412		
182	26.2	7.4	47.4	
105	15.6	0.0	36.6	
51	38.3	13.4	53.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.17 min Scan# 2465

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

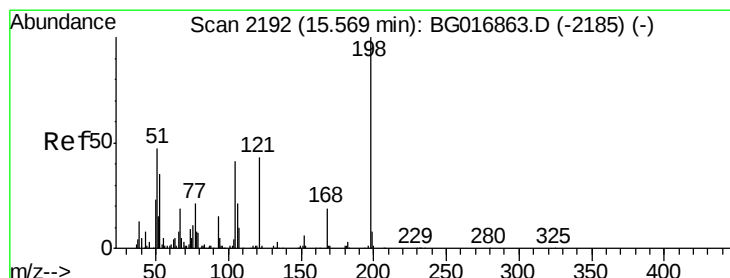
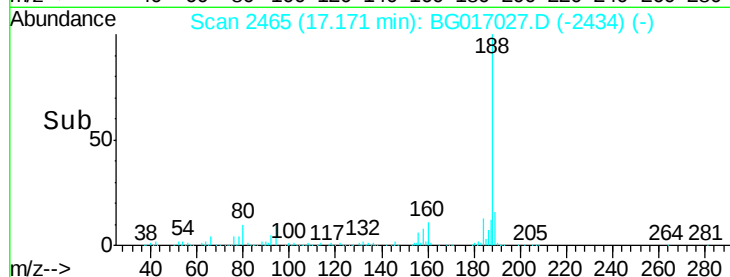
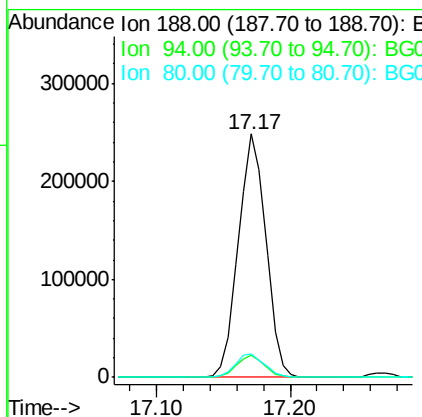
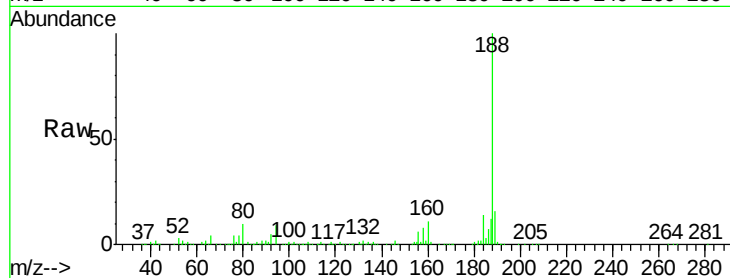
ClientSampleId :

PB83231BS

Tgt Ion:	188	Resp:	355580
Ion Ratio	Lower	Upper	
188	100		
94	9.2	8.2	12.4
80	9.9	8.8	13.2

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#64

4,6-Dinitro-2-methylphenol

Concen: 60.39 ng

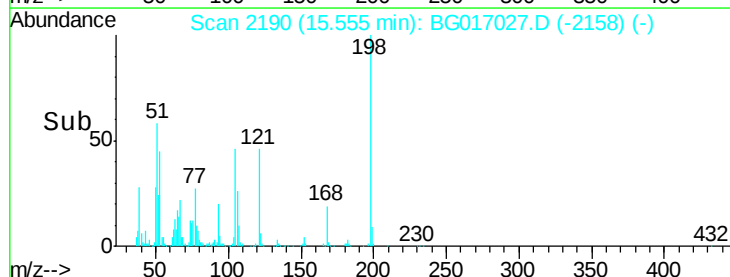
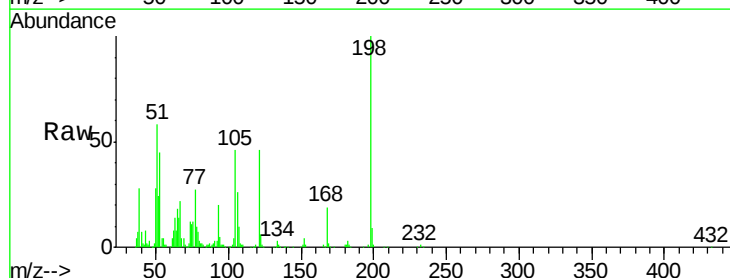
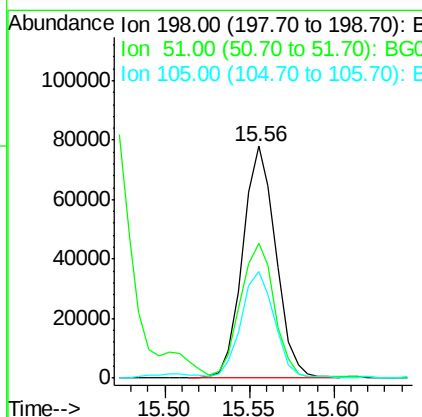
RT: 15.56 min Scan# 2190

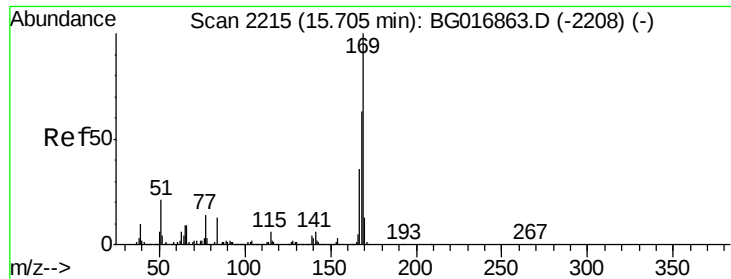
Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	198	Resp:	106477
Ion Ratio	Lower	Upper	
198	100		
51	58.2	31.2	71.2
105	46.3	22.0	62.0





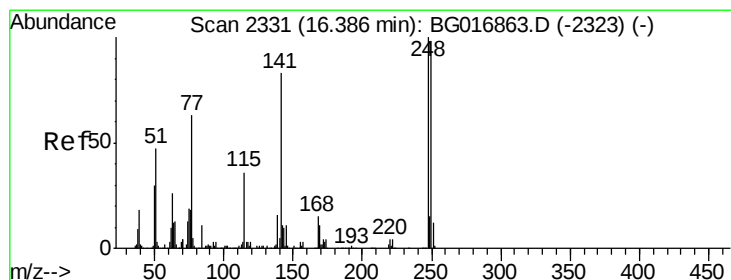
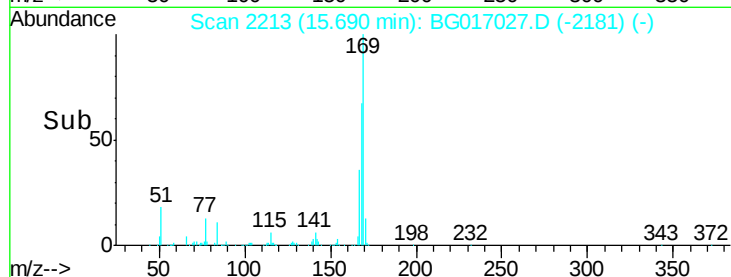
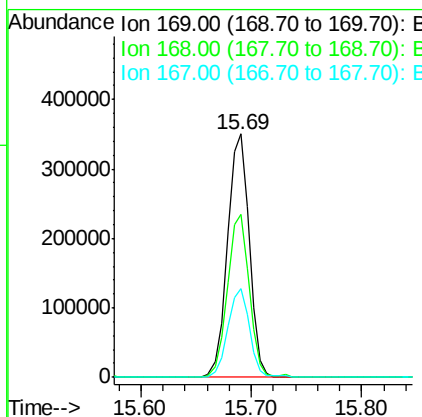
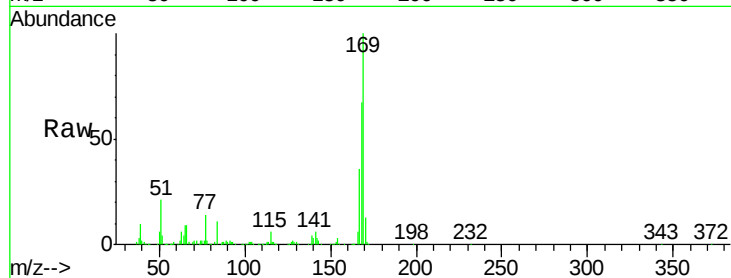
#65
 n-Nitrosodiphenylamine
 Concen: 44.57 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	483784		
168	66.8	50.6	76.0	
167	36.4	29.0	43.4	

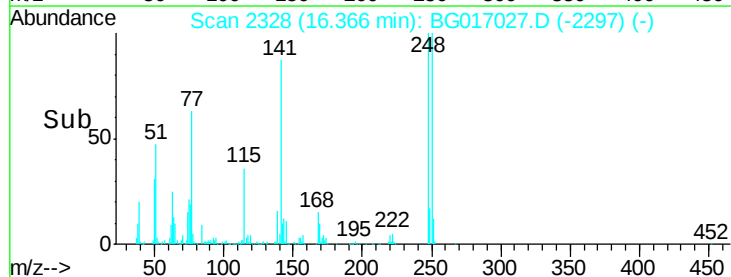
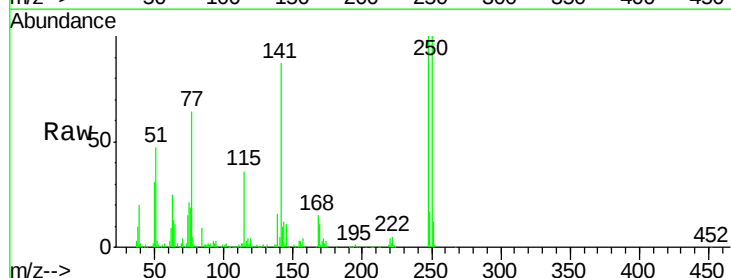
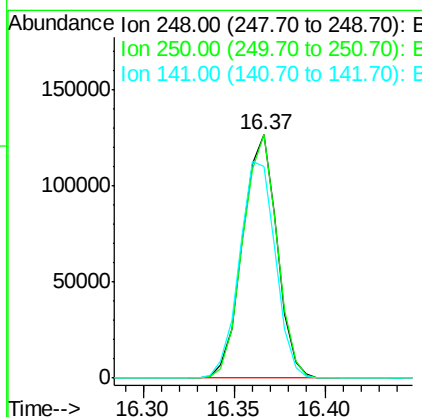
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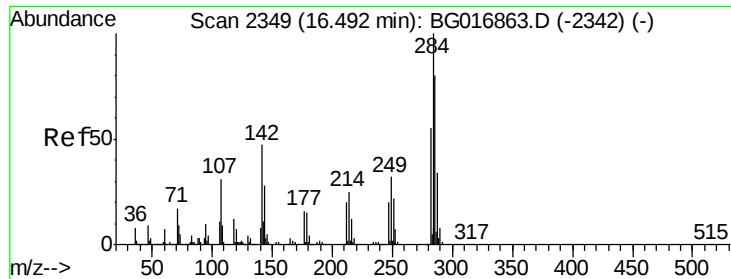
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#66
 4-Bromophenyl-phenylether
 Concen: 46.77 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166938		
250	100.0	78.6	117.8	
141	86.8	66.3	99.5	





#67

Hexachlorobenzene

Concen: 48.50 ng

RT: 16.48 min Scan# 2347

Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

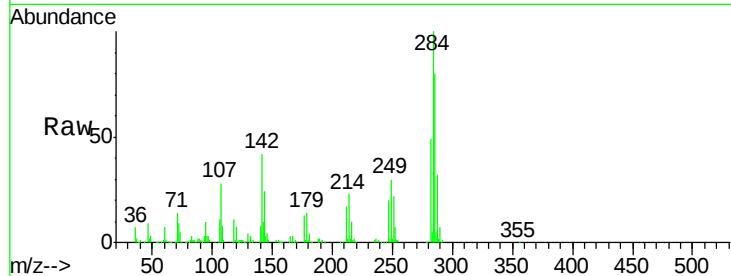
ClientSampleId :

PB83231BS

Tgt Ion:	284	Resp:	182543
Ion Ratio	Lower	Upper	
284	100		
142	41.6	37.4	56.0
249	30.1	25.5	38.3

Manual Integrations
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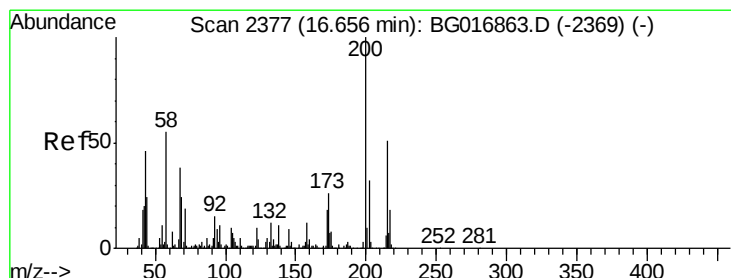
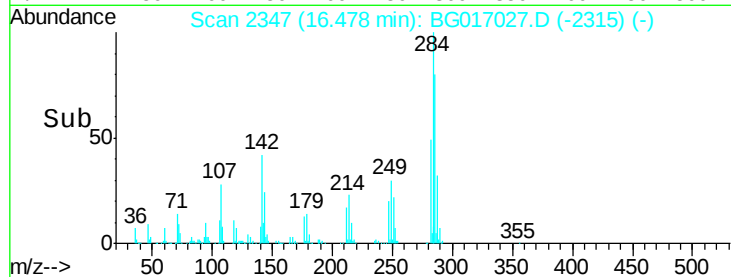
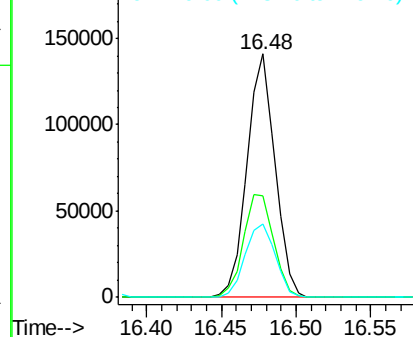
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 50.81 ng

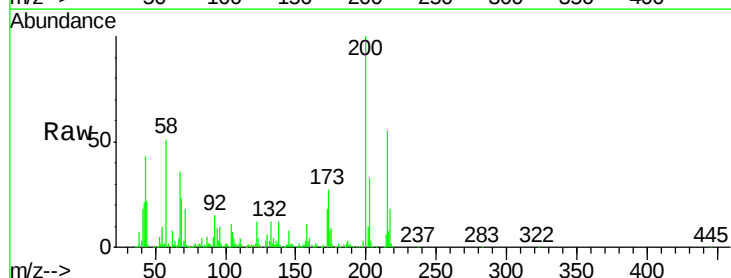
RT: 16.64 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

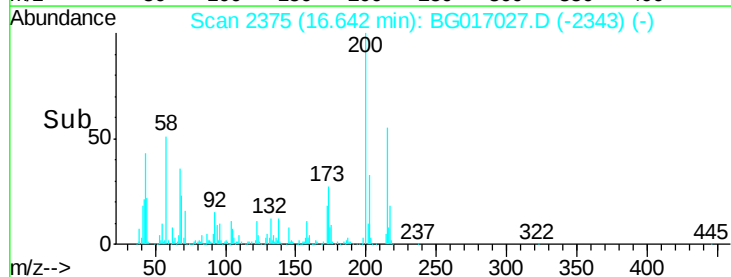
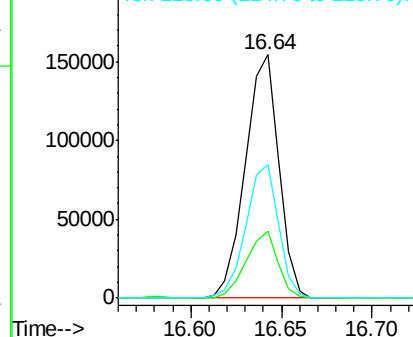
Tgt Ion:	200	Resp:	198460
Ion Ratio	Lower	Upper	
200	100		
173	27.3	6.1	46.1
215	54.9	30.8	70.8

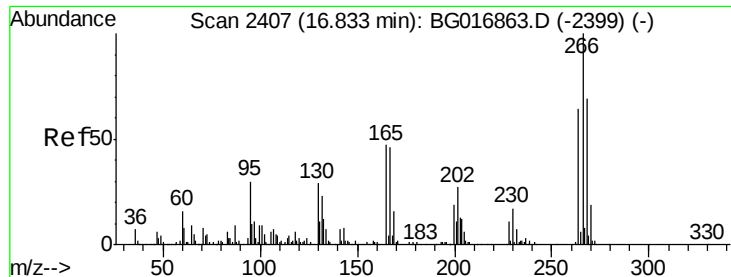


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





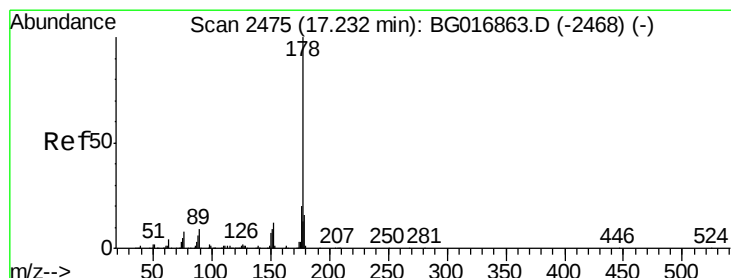
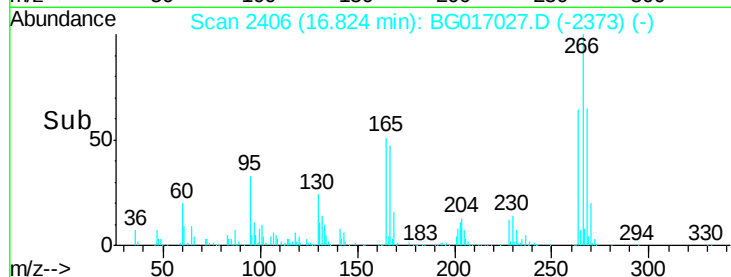
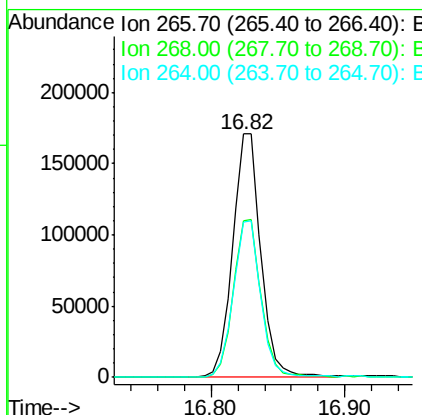
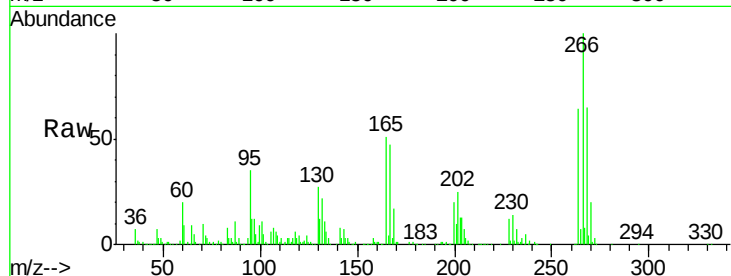
#69
 Pentachlorophenol
 Concen: 102.65 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	250825		
268	64.6	55.2	82.8	
264	63.5	51.4	77.0	

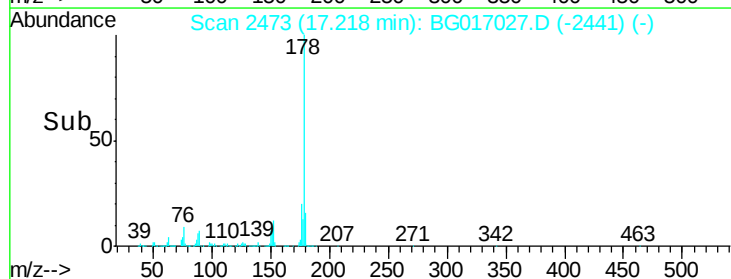
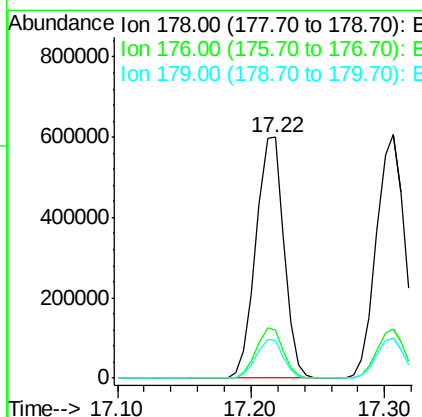
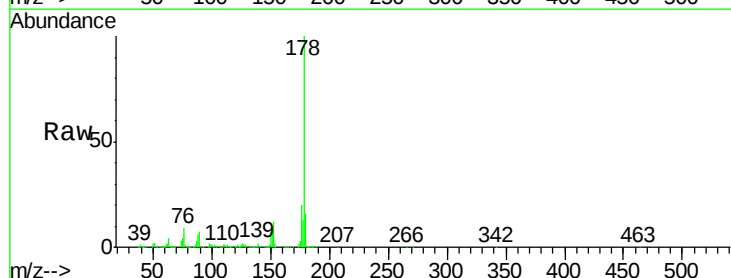
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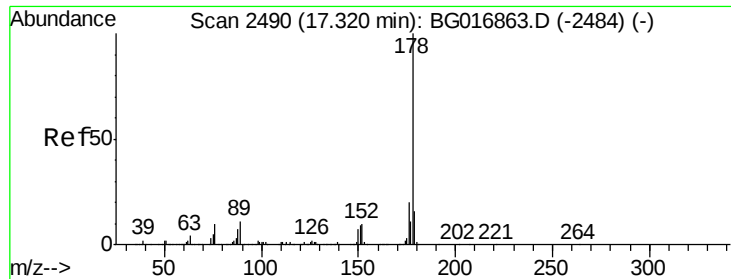
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#70
 Phenanthrene
 Concen: 47.19 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	863577		
176	20.0	16.0	24.0	
179	15.7	13.0	19.6	





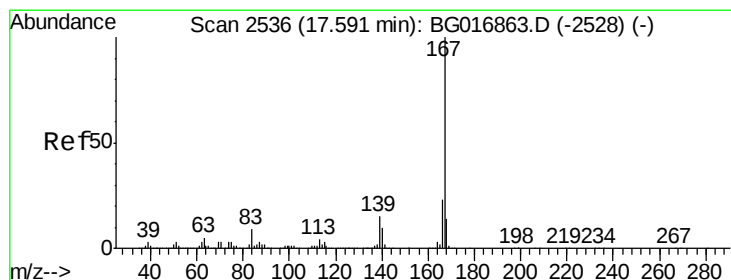
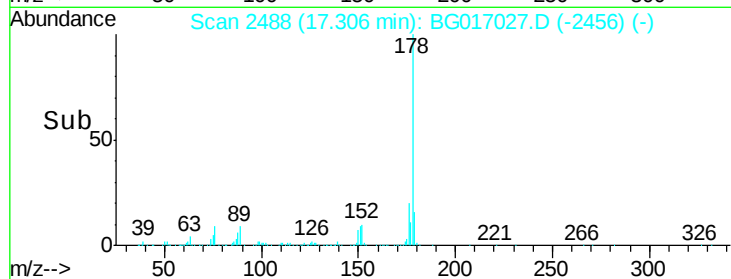
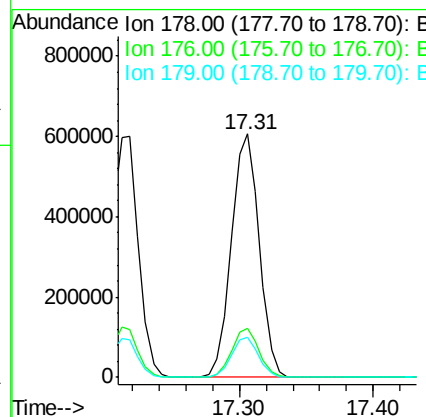
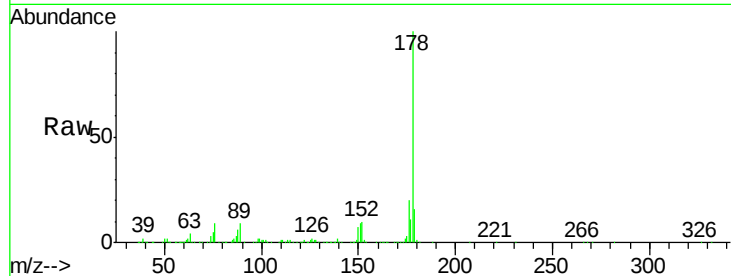
#71
 Anthracene
 Concen: 47.85 ng
 RT: 17.31 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	883391		
176	20.0	16.2	24.4	
179	16.4	13.1	19.7	

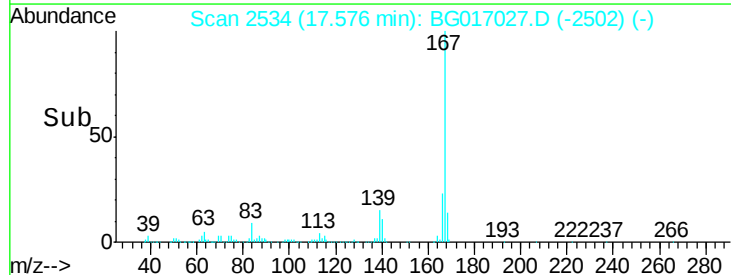
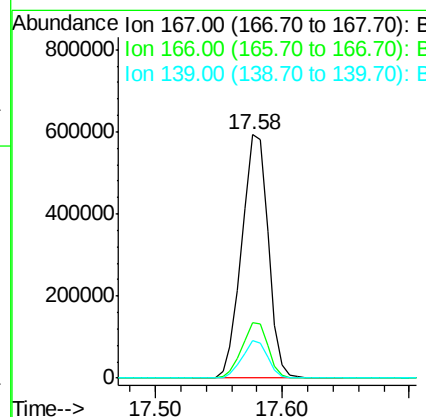
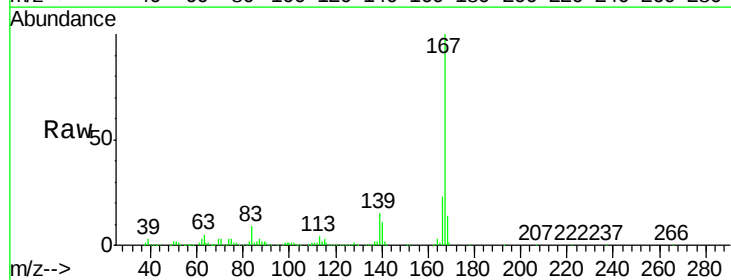
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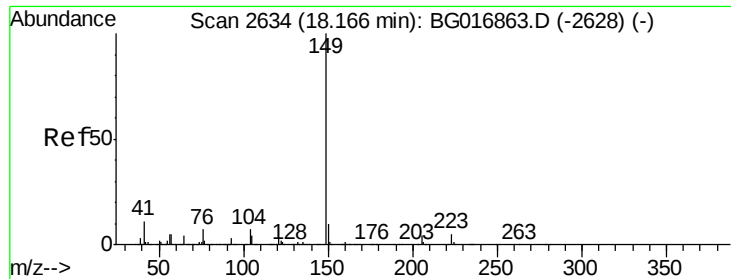
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#72
 Carbazole
 Concen: 48.84 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	857195		
166	22.8	18.4	27.6	
139	15.5	12.2	18.4	





#73

Di-n-butylphthalate

Concen: 48.74 ng

RT: 18.14 min Scan# 2630

Delta R.T. -0.03 min

Lab File: BG017027.D

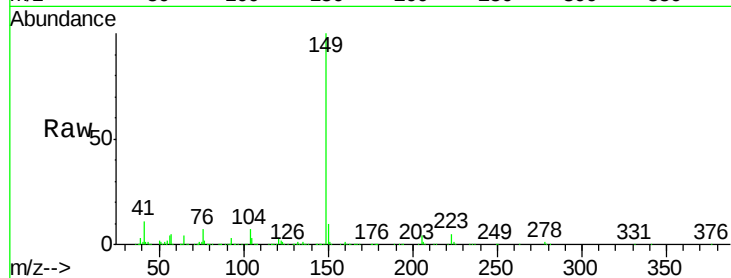
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

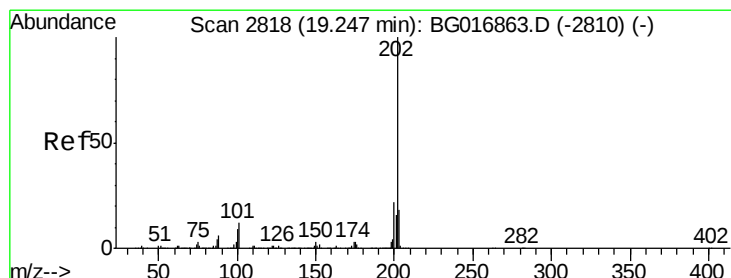
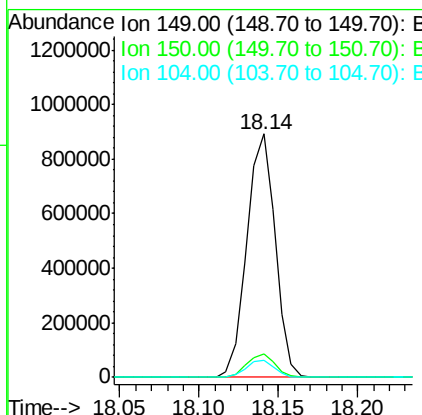
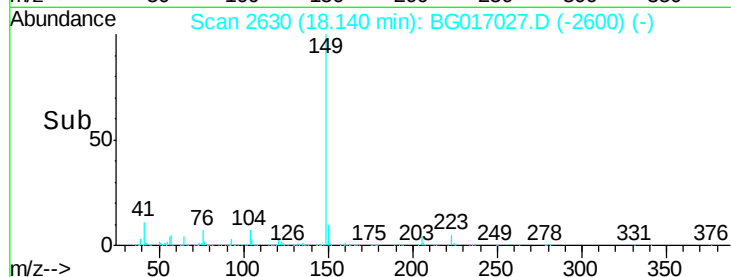
PB83231BS



Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	6.8	5.4	8.0

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#74

Fluoranthene

Concen: 48.59 ng

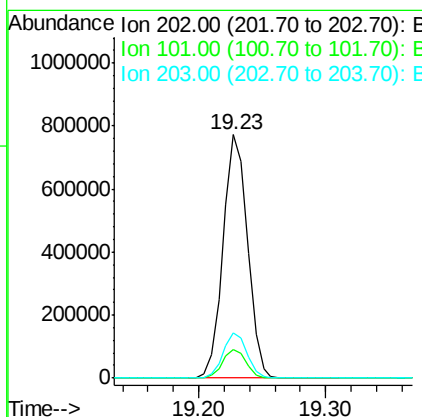
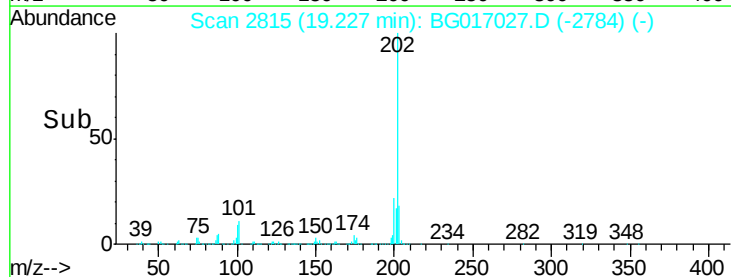
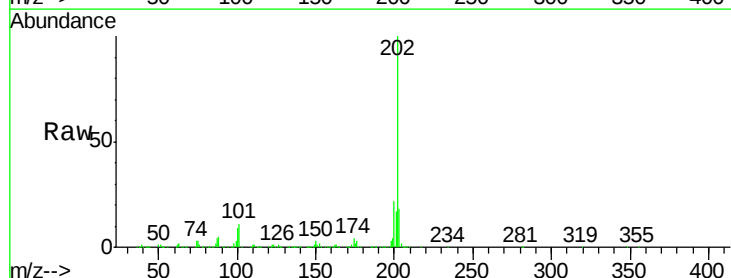
RT: 19.23 min Scan# 2815

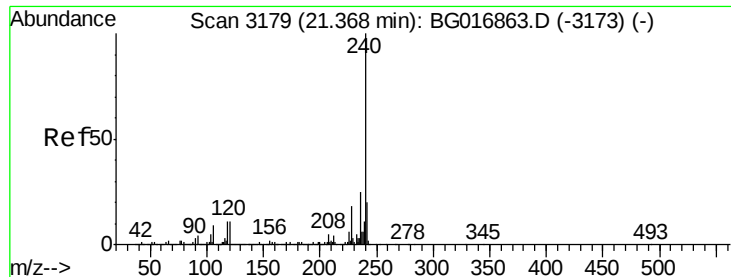
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.5
203	18.3	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.35 min Scan# 3176

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

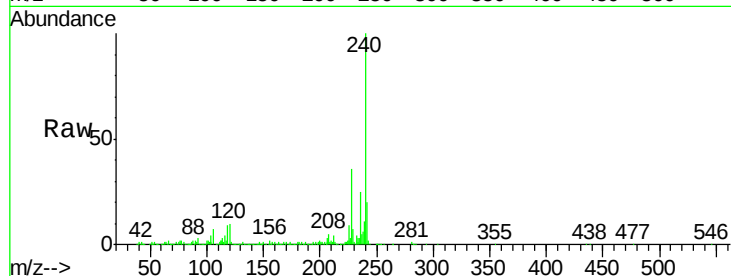
ClientSampleId :

PB83231BS

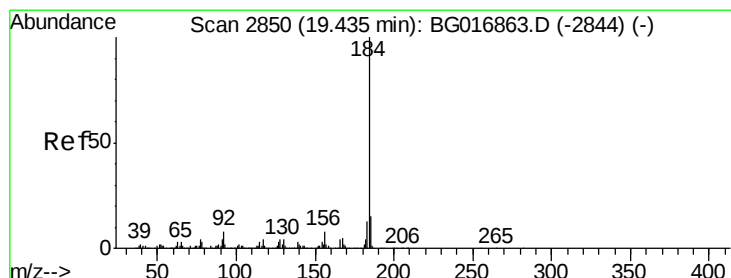
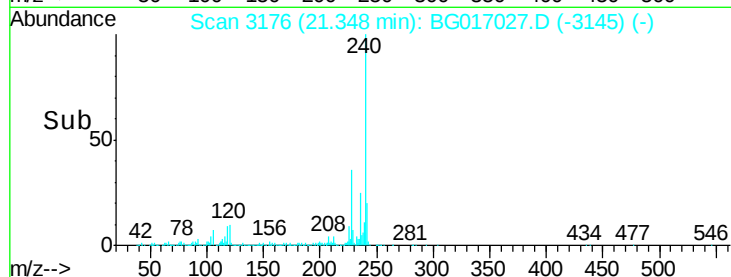
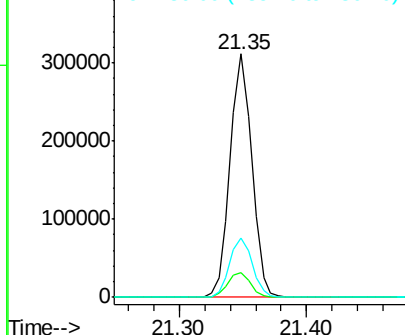
Tgt Ion:	240	Resp:	370214
Ion Ratio	Lower	Upper	
240	100		
120	10.4	9.1	13.7
236	24.6	20.2	30.4

Manual Integrations
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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



#76

Benzidine

Concen: 41.04 ng

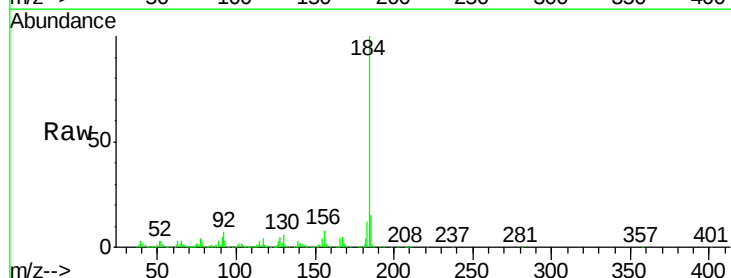
RT: 19.42 min Scan# 2847

Delta R.T. -0.02 min

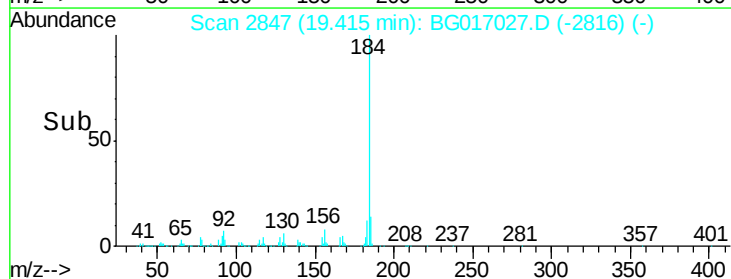
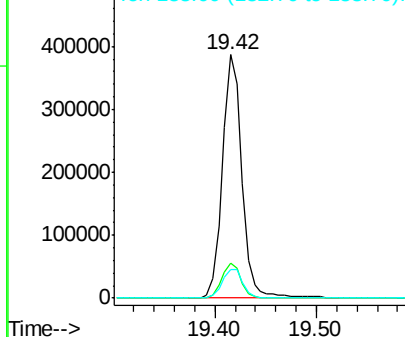
Lab File: BG017027.D

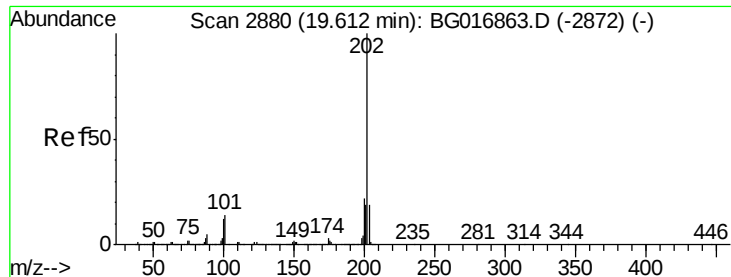
Acq: 10 May 2015 15:28

Tgt Ion:	184	Resp:	516217
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.6
183	12.0	10.6	15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.12 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

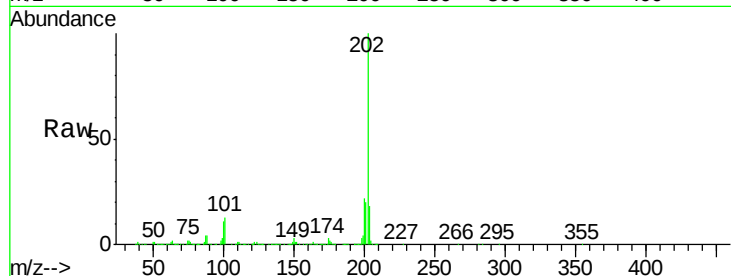
ClientSampleId :

PB83231BS

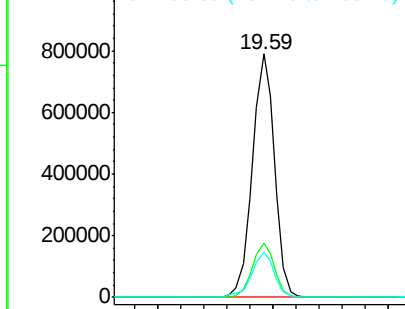
Tgt Ion:	202	Resp:	1051430
Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.9	26.9
203	18.4	15.2	22.8

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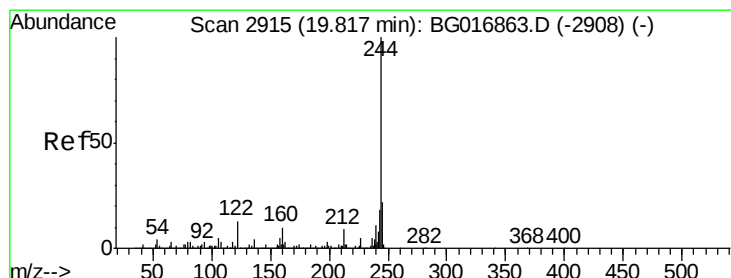
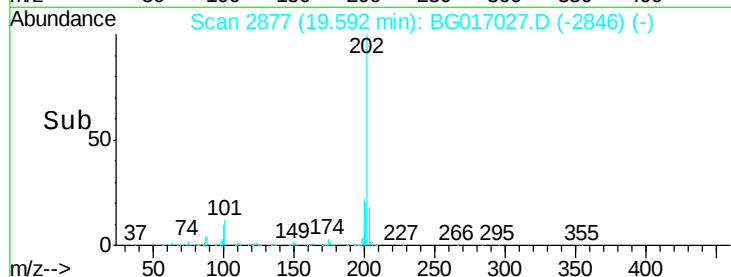
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#78

Terphenyl-d14

Concen: 95.47 ng

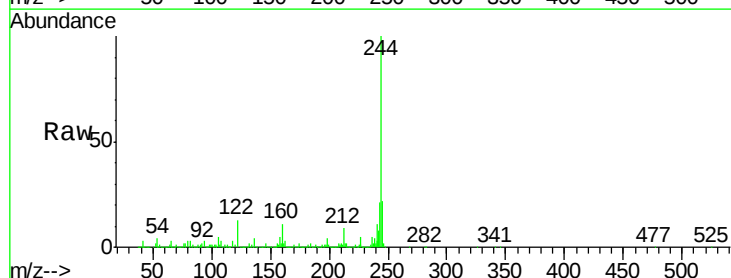
RT: 19.80 min Scan# 2912

Delta R.T. -0.02 min

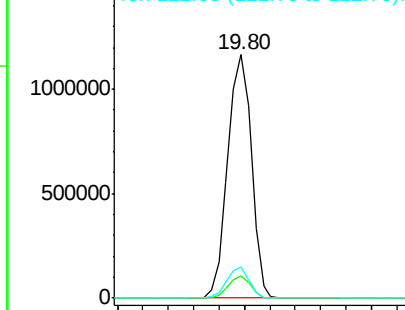
Lab File: BG017027.D

Acq: 10 May 2015 15:28

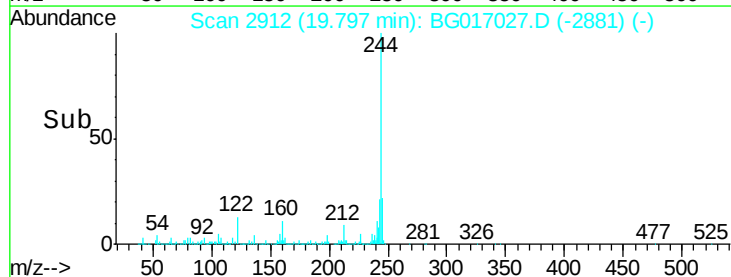
Tgt Ion:	244	Resp:	1507679
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	12.7	10.4	15.6

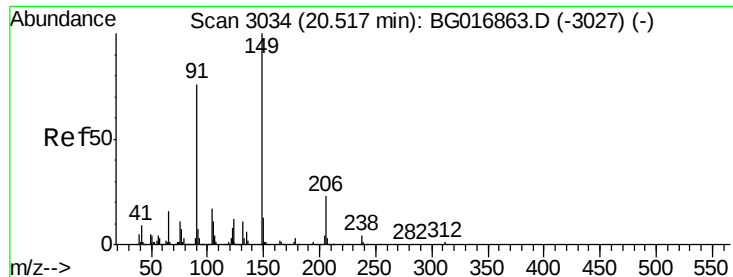


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#79

Butylbenzylphthalate

Concen: 47.67 ng

RT: 20.49 min Scan# 3030

Delta R.T. -0.03 min

Lab File: BG017027.D

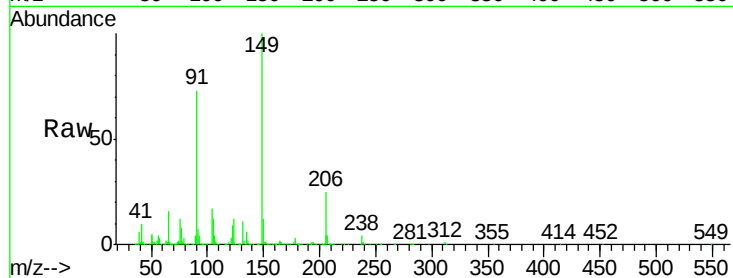
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

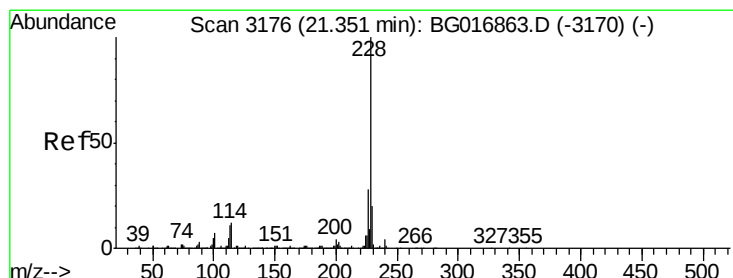
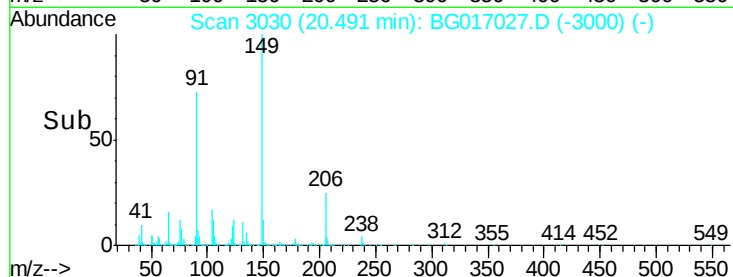
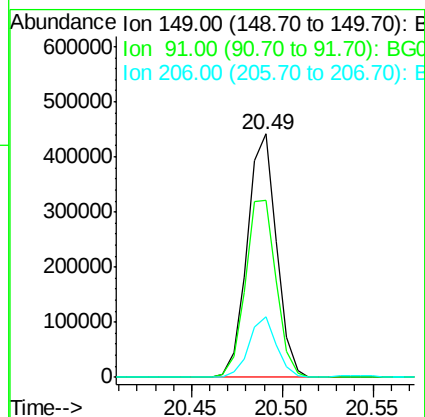
PB83231BS



Tgt Ion:	149	Resp:	495028
Ion Ratio	Lower	Upper	
149	100		
91	72.8	60.6	91.0
206	24.6	18.4	27.6

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#80

Benzo(a)anthracene

Concen: 48.86 ng

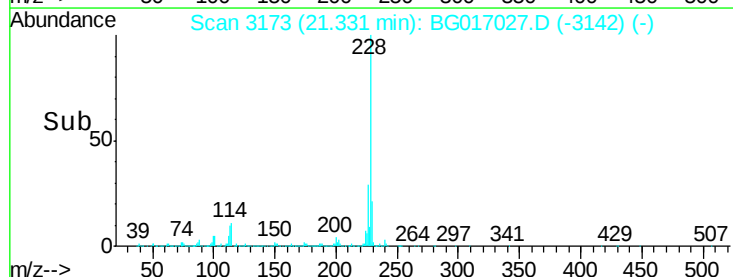
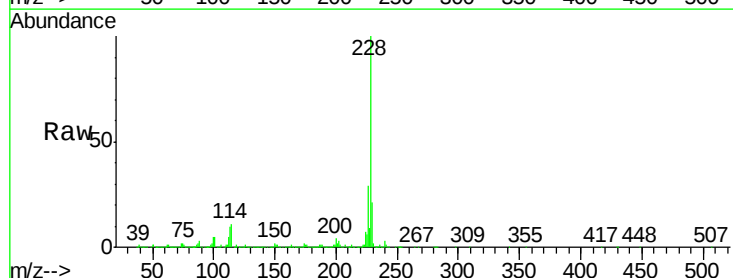
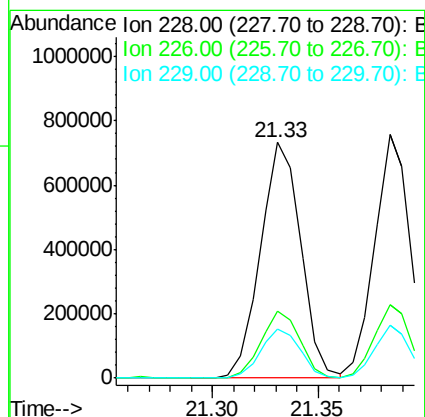
RT: 21.33 min Scan# 3173

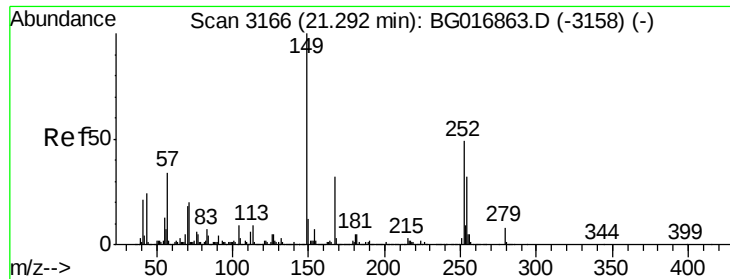
Delta R.T. -0.02 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	228	Resp:	970342
Ion Ratio	Lower	Upper	
228	100		
226	28.5	22.7	34.1
229	20.5	16.1	24.1





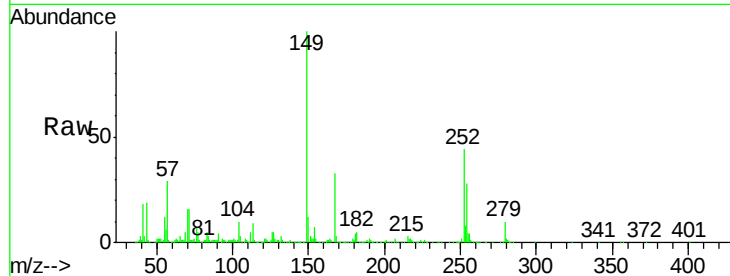
#81
 3,3'-Dichlorobenzidine
 Concen: 30.65 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.03 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

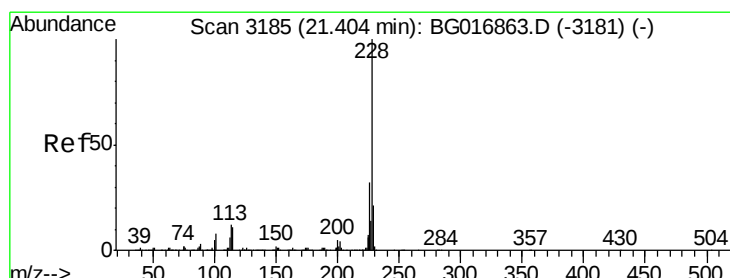
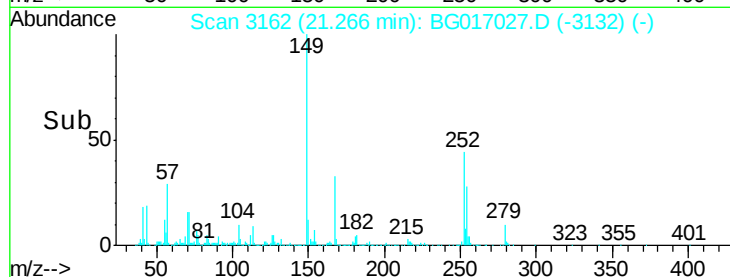
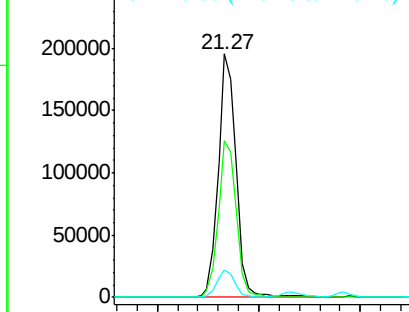
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	237660		
254	64.4	51.7	77.5	
126	11.0	8.9	13.3	

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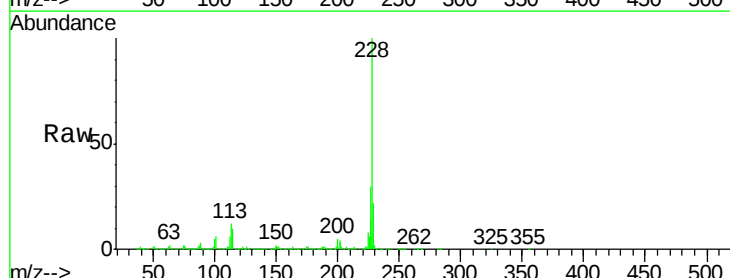


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

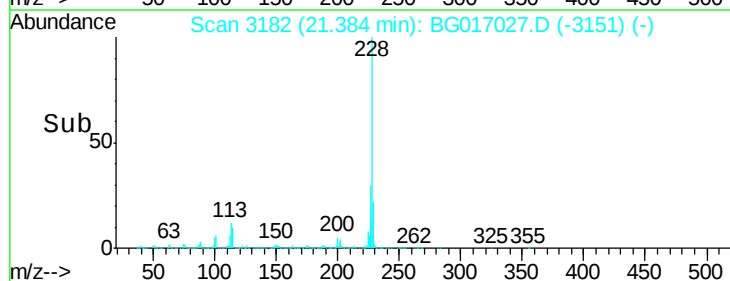
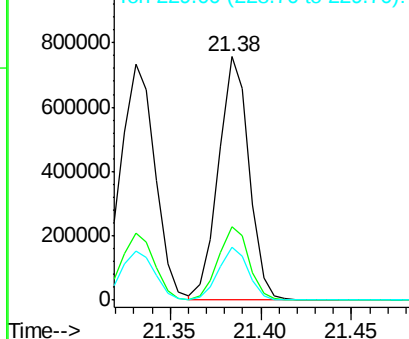


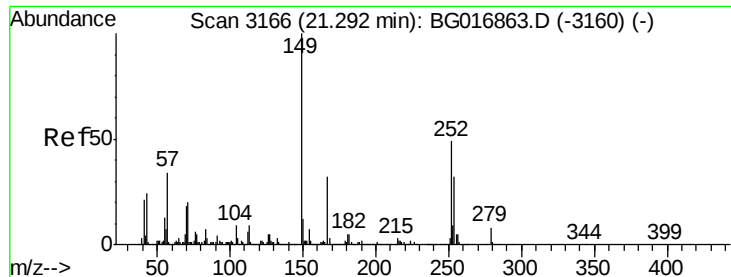
#82
 Chrysene
 Concen: 47.64 ng
 RT: 21.38 min Scan# 3182
 Delta R.T. -0.02 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	886103		
226	29.9	25.4	38.0	
229	21.6	16.5	24.7	



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





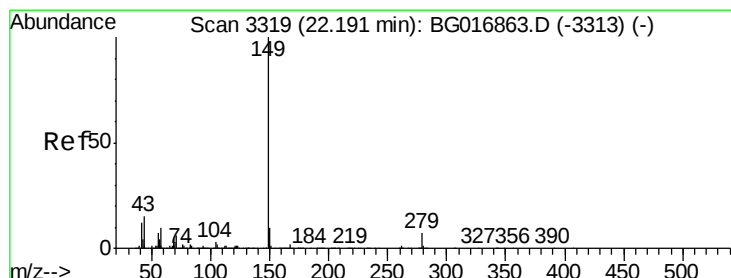
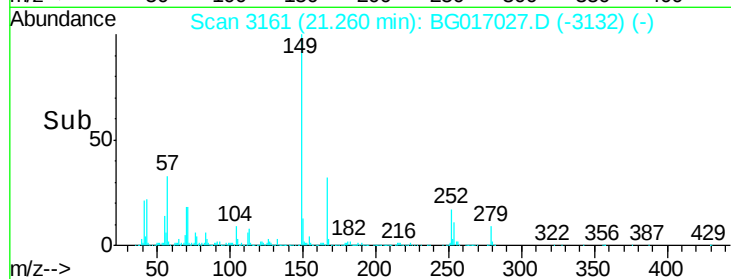
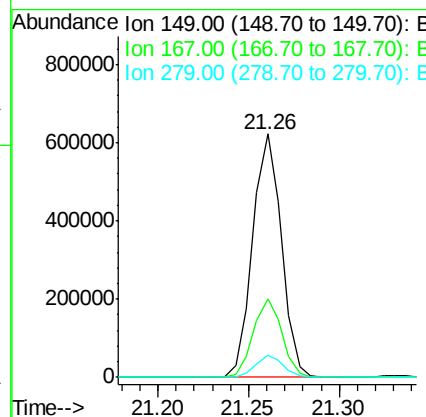
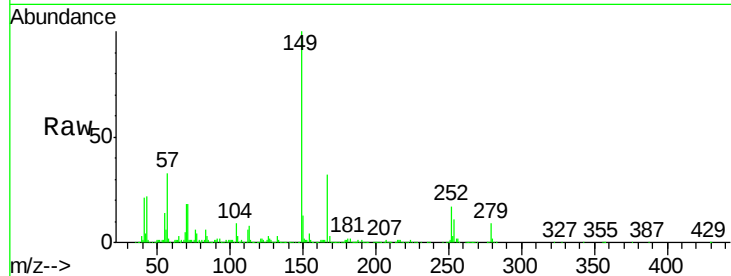
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.25 ng
 RT: 21.26 min Scan# 3161
 Delta R.T. -0.03 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	685396		
167	32.2	25.4	38.0	
279	9.0	6.4	9.6	

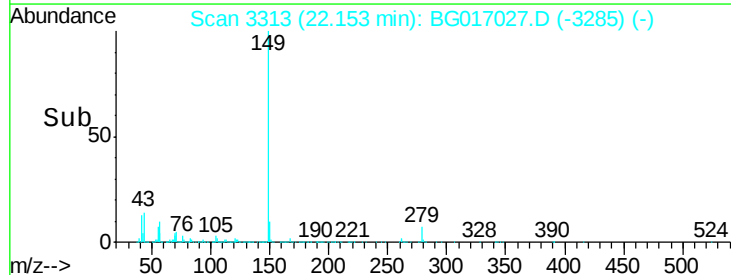
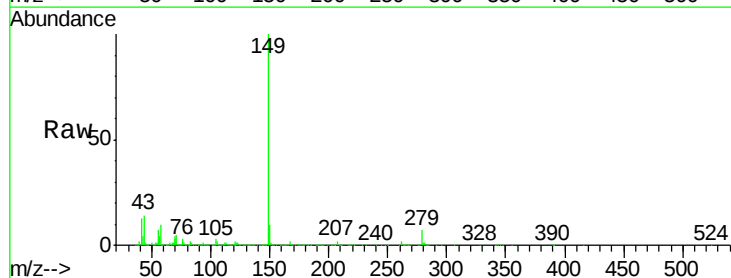
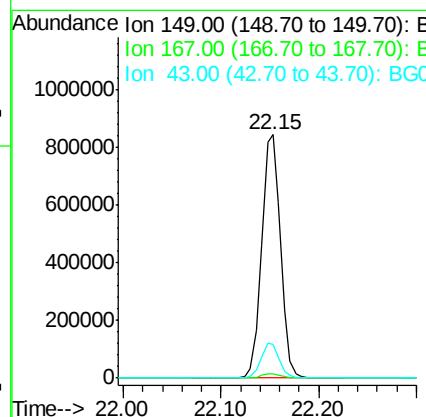
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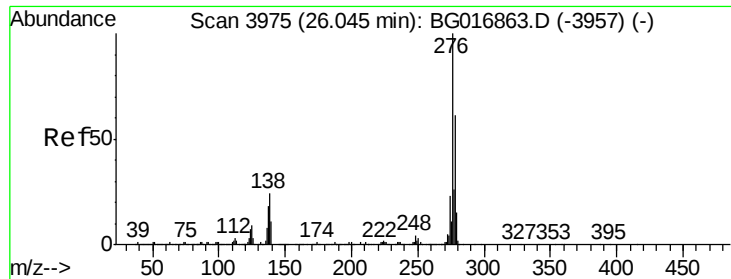
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#84
 Di-n-octyl phthalate
 Concen: 48.22 ng
 RT: 22.15 min Scan# 3313
 Delta R.T. -0.04 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	0.0	0.0#
43	13.8	0.0	0.0#





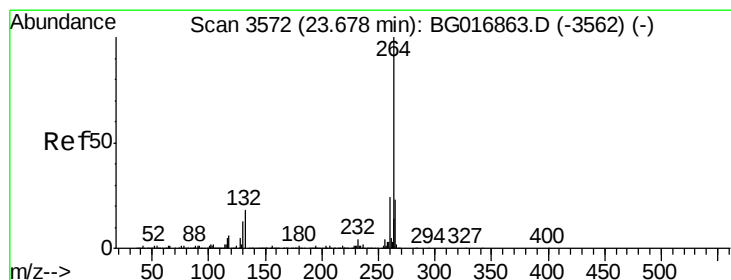
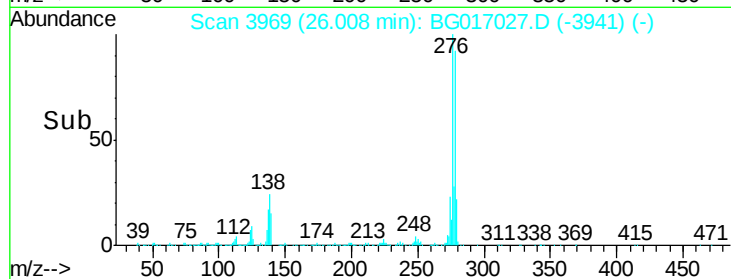
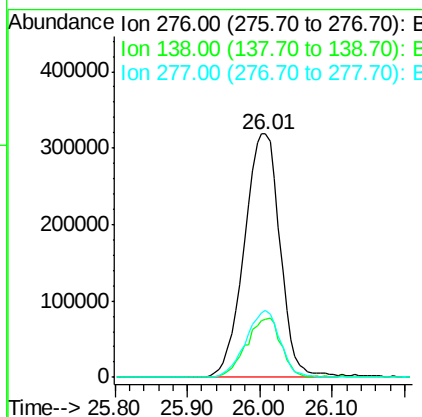
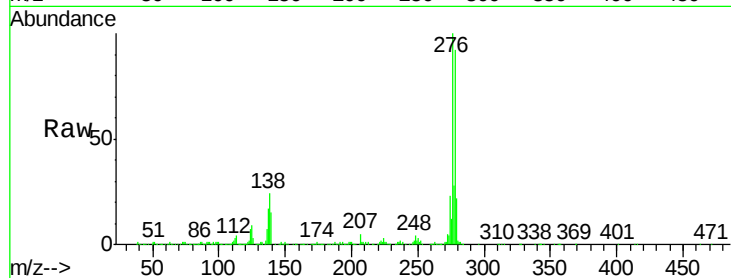
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.20 ng
RT: 26.01 min Scan# 3969
Delta R.T. -0.04 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Instrument :
BNA_G
ClientSampleId :
PB83231BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	0.0	0.0#
277	26.5	0.0	0.0#

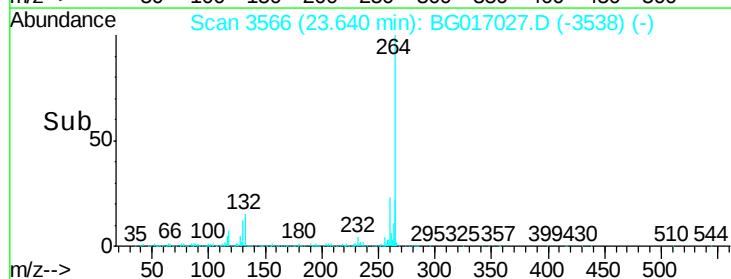
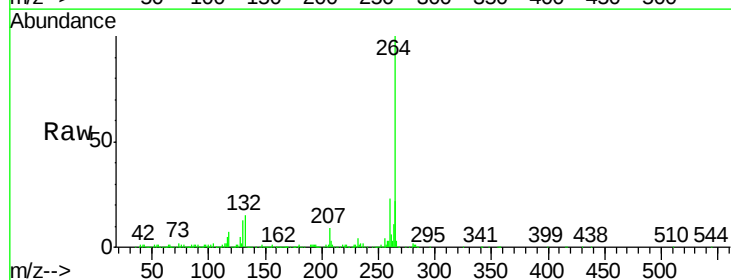
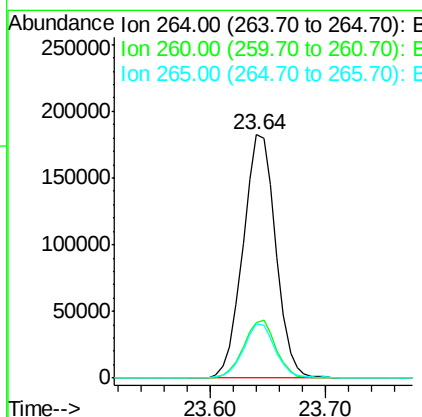
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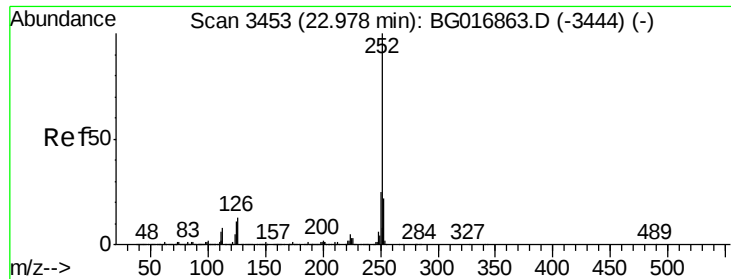
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.64 min Scan# 3566
Delta R.T. -0.04 min
Lab File: BG017027.D
Acq: 10 May 2015 15:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	22.2	18.5	27.7





#87

Benzo(b)fluoranthene

Concen: 47.78 ng

RT: 22.95 min Scan# 3448

Delta R.T. -0.03 min

Lab File: BG017027.D

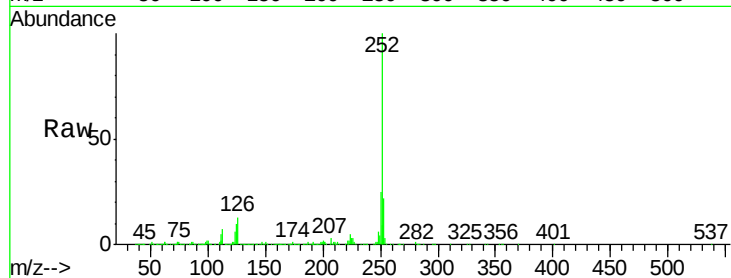
Acq: 10 May 2015 15:28

Instrument :

BNA_G

ClientSampleId :

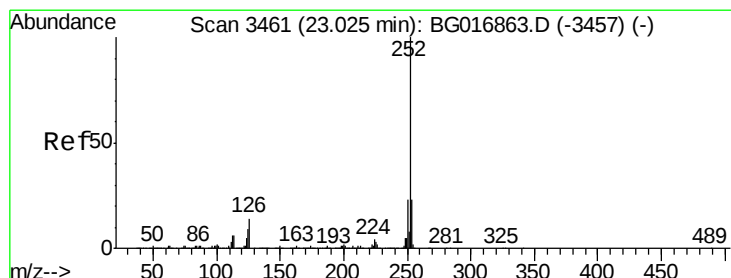
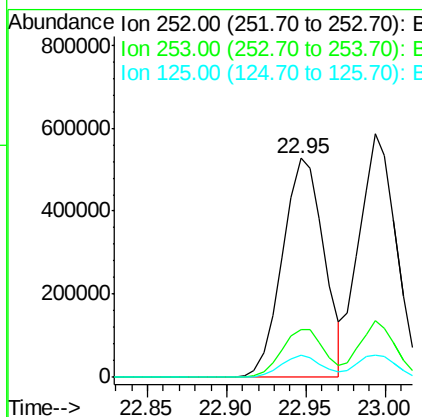
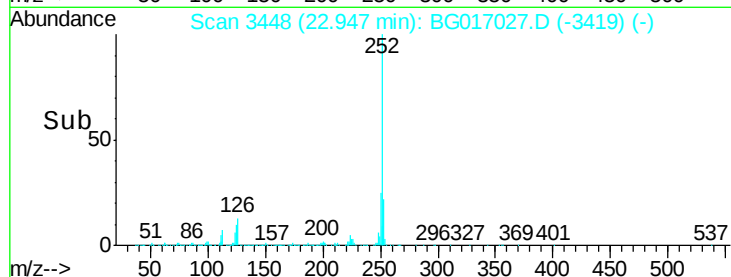
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	10.0	8.6	13.0

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#88

Benzo(k)fluoranthene

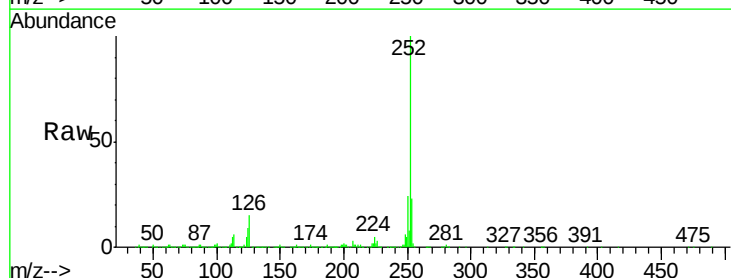
Concen: 49.21 ng

RT: 22.99 min Scan# 3456

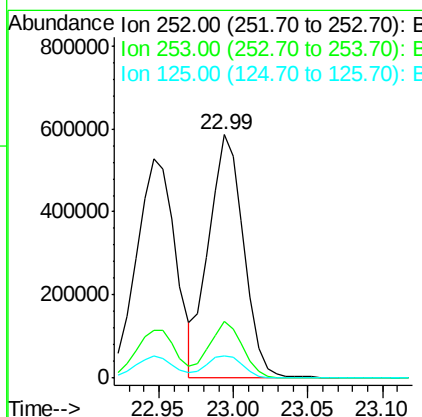
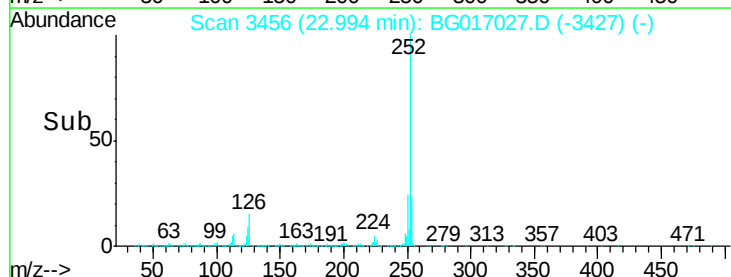
Delta R.T. -0.03 min

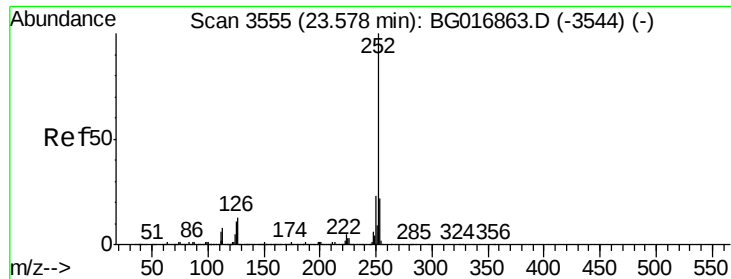
Lab File: BG017027.D

Acq: 10 May 2015 15:28



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	9.2	7.9	11.9





#89

Benzo(a)pyrene

Concen: 50.18 ng

RT: 23.55 min Scan# 3550

Delta R.T. -0.03 min

Lab File: BG017027.D

Acq: 10 May 2015 15:28

Instrument :

BNA_G

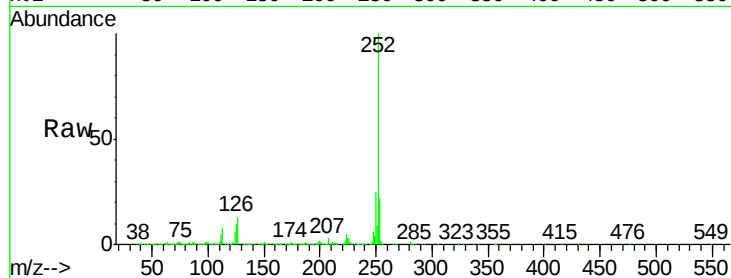
ClientSampleId :

PB83231BS

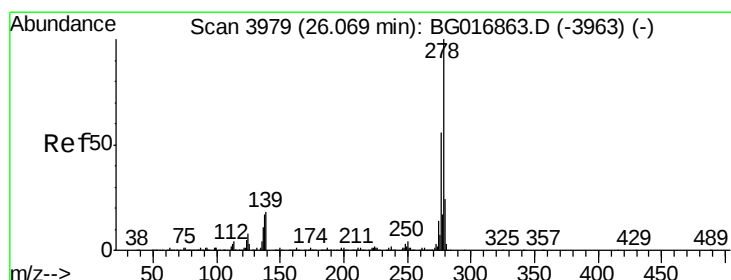
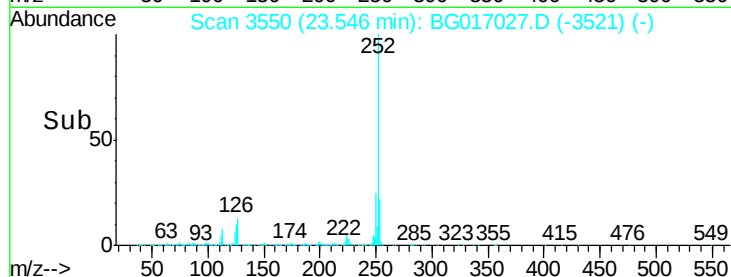
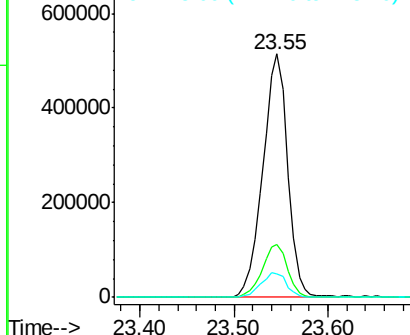
Tgt Ion:	252	Resp:	938940
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.7	26.5
125	9.8	8.5	12.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 49.23 ng

RT: 26.01 min Scan# 3970

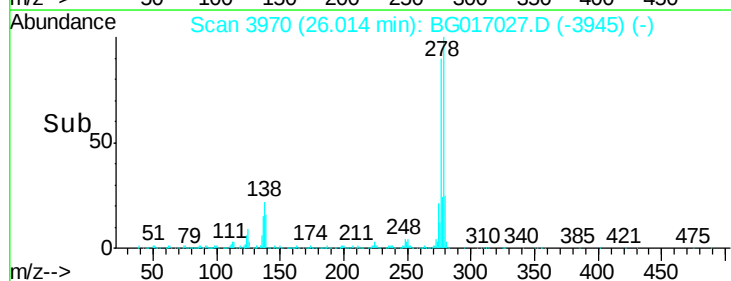
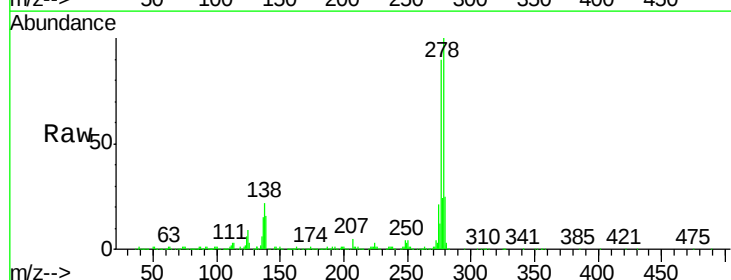
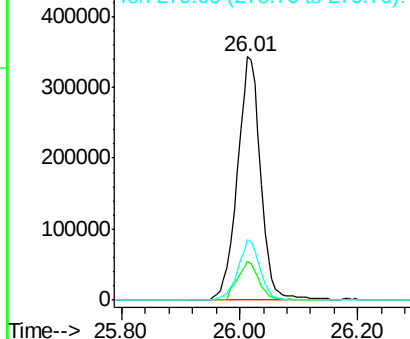
Delta R.T. -0.06 min

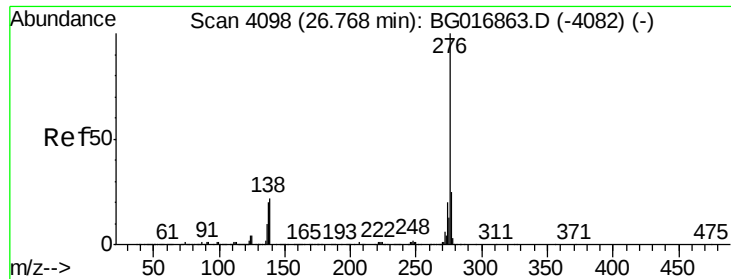
Lab File: BG017027.D

Acq: 10 May 2015 15:28

Tgt Ion:	278	Resp:	940959
Ion Ratio	Lower	Upper	
278	100		
139	15.7	14.2	21.2
279	24.7	18.9	28.3

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 48.91 ng
 RT: 26.73 min Scan# 4092
 Delta R.T. -0.04 min
 Lab File: BG017027.D
 Acq: 10 May 2015 15:28

Instrument :
 BNA_G
 ClientSampleId :
 PB83231BS

Tgt	Ion	276	Resp:	890267
Ion	Ratio	Lower	Upper	
276	100			
277	24.3	19.6	29.4	
138	21.8	17.5	26.3	

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