

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
 Data File : BG016979.D
 Acq On : 9 May 2015 6:29
 Operator : TP/IZ
 Sample : G2059-02MS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Manual Integrations
 APPROVED

apatel
 5/12/2015 8:30:13 AM

Quant Time: May 11 01:46:19 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	52530	20.00	ng	-0.01
21) Naphthalene-d8	10.58	136	244071	20.00	ng	-0.01
38) Acenaphthene-d10	14.43	164	170783	20.00	ng	-0.01
63) Phenanthrene-d10	17.18	188	398121	20.00	ng	-0.01
75) Chrysene-d12	21.35	240	382843	20.00	ng	-0.02
86) Perylene-d12	23.65	264	372248	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	232942	77.21	ng	-0.01
7) Phenol-d6	6.96	99	209586	48.63	ng	0.00
23) Nitrobenzene-d5	8.95	82	457774	91.63	ng	-0.01
41) 2,4,6-Tribromophenol	15.92	330	292660	170.70	ng	-0.01
44) 2-Fluorobiphenyl	13.05	172	971455	85.84	ng	-0.02
78) Terphenyl-d14	19.80	244	1541377	94.38	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.29	88	21981	17.39	ng	# 1
3) Pyridine	3.68	79	53891	13.79	ng	96
4) n-Nitrosodimethylamine	3.60	42	45990	19.71	ng	# 94
6) Aniline	7.12	93	89846	14.85	ng	97
8) 2-Chlorophenol	7.36	128	146565	41.94	ng	98
9) Benzaldehyde	6.93	77	15500	4.30	ng	97
10) Phenol	6.99	94	75997	16.44	ng	97
11) bis(2-Chloroethyl)ether	7.22	93	165441	46.29	ng	97
12) 1,3-Dichlorobenzene	7.68	146	152186	39.49	ng	97
13) 1,4-Dichlorobenzene	7.83	146	154742	39.64	ng	99
14) 1,2-Dichlorobenzene	8.15	146	149320	39.86	ng	96
15) Benzyl Alcohol	8.03	79	120061	30.50	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.33	45	282517	42.71	ng	99
17) 2-Methylphenol	8.23	107	113167	34.77	ng	95
18) Hexachloroethane	8.87	117	62538	38.97	ng	94
19) n-Nitroso-di-n-propylamine	8.60	70	161093	42.63	ng	99
20) 3+4-Methylphenols	8.56	107	144855	32.30	ng	94
22) Acetophenone	8.61	105	271175	46.65	ng	97
24) Nitrobenzene	8.99	77	231186	45.82	ng	98
25) Isophorone	9.51	82	433586	42.98	ng	99
26) 2-Nitrophenol	9.70	139	99619	48.49	ng	96
27) 2,4-Dimethylphenol	9.76	122	163799	44.06	ng	97
28) bis(2-Chloroethoxy)methane	10.00	93	232175	45.60	ng	96
29) 2,4-Dichlorophenol	10.23	162	167819	47.78	ng	98
30) 1,2,4-Trichlorobenzene	10.45	180	157165	42.20	ng	97
31) Naphthalene	10.64	128	523918	43.16	ng	98
32) Benzoic acid	9.84	122	32906	18.50	ng	86
33) 4-Chloroaniline	10.74	127	77702	13.86	ng	97
34) Hexachlorobutadiene	10.92	225	89924	38.58	ng	97
35) Caprolactam	11.52	113	14335m	7.86	ng	
36) 4-Chloro-3-methylphenol	11.87	107	218779	48.65	ng	94
37) 2-Methylnaphthalene	12.25	142	420949	45.53	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.62	216	195433	42.33	ng	# 100
40) Hexachlorocyclopentadiene	12.60	237	214757	72.03	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.86	196	147851	45.19	ng	95
43) 2,4,5-Trichlorophenol	12.93	196	169084	48.69	ng	99
45) 1,1'-Biphenyl	13.26	154	553954	45.30	ng	97
46) 2-Chloronaphthalene	13.30	162	429578	44.35	ng	95
47) 2-Nitroaniline	13.51	65	189679	56.27	ng	95
48) Acenaphthylene	14.15	152	751592	44.56	ng	99
49) Dimethylphthalate	13.89	163	604793	47.43	ng	100
50) 2,6-Dinitrotoluene	14.01	165	144094	54.42	ng	94
51) Acenaphthene	14.50	154	449025	44.73	ng	97
52) 3-Nitroaniline	14.34	138	62965	20.90	ng	90
53) 2,4-Dinitrophenol	14.54	184	149264	123.25	ng	92
54) Dibenzofuran	14.83	168	691156	48.49	ng	95
55) 4-Nitrophenol	14.65	139	107861	42.23	ng	94
56) 2,4-Dinitrotoluene	14.80	165	203556	60.09	ng	98
57) Fluorene	15.48	166	611636	48.47	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.06	232	153258	51.14	ng	# 76
59) Diethylphthalate	15.26	149	656393	48.76	ng	99
60) 4-Chlorophenyl-phenylether	15.47	204	303224	47.83	ng	98
61) 4-Nitroaniline	15.50	138	157314	45.05	ng	95
62) Azobenzene	15.77	77	709550	50.89	ng	97
64) 4,6-Dinitro-2-methylphenol	15.55	198	106609	54.01	ng	89
65) n-Nitrosodiphenylamine	15.69	169	544037	44.77	ng	97
66) 4-Bromophenyl-phenylether	16.37	248	188394	47.15	ng	96
67) Hexachlorobenzene	16.48	284	195341	46.36	ng	97
68) Atrazine	16.64	200	216319	49.46	ng	96
69) Pentachlorophenol	16.82	266	258659	94.54	ng	94
70) Phenanthrene	17.22	178	943719	46.06	ng	100
71) Anthracene	17.31	178	951909	46.05	ng	99
72) Carbazole	17.58	167	926270	47.14	ng	99
73) Di-n-butylphthalate	18.15	149	1173152	46.05	ng	99
74) Fluoranthene	19.23	202	1083215	45.57	ng	99
76) Benzidine	19.41	184	323413	24.86	ng	99
77) Pyrene	19.59	202	1099568	48.66	ng	99
79) Butylbenzylphthalate	20.49	149	526872	49.06	ng	100
80) Benzo(a)anthracene	21.34	228	1012808	49.31	ng	99
81) 3,3'-Dichlorobenzidine	21.27	252	201512	25.13	ng	98
82) Chrysene	21.39	228	949974	49.38	ng	97
83) Bis(2-ethylhexyl)phthalate	21.27	149	716661	48.79	ng	97
84) Di-n-octyl phthalate	22.16	149	1187410	48.12	ng	# 100
85) Indeno(1,2,3-cd)pyrene	26.00	276	1125134	49.08	ng	# 100
87) Benzo(b)fluoranthene	22.95	252	1032398	49.78	ng	97
88) Benzo(k)fluoranthene	23.00	252	951830	47.71	ng	100
89) Benzo(a)pyrene	23.55	252	962771	49.79	ng	99
90) Dibenzo(a,h)anthracene	26.02	278	967428	48.98	ng	97
91) Benzo(g,h,i)perylene	26.74	276	918940	48.86	ng	99

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

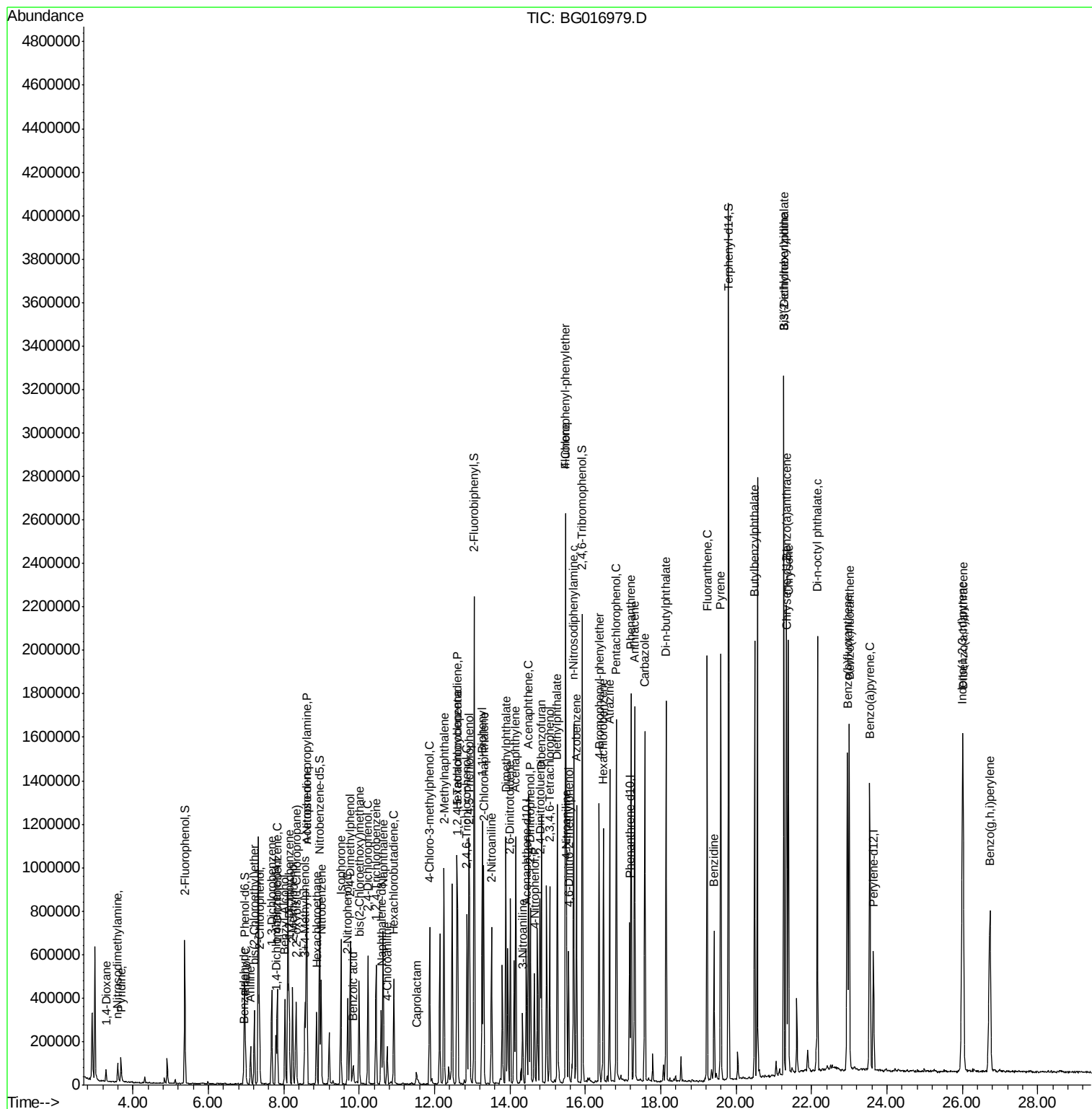
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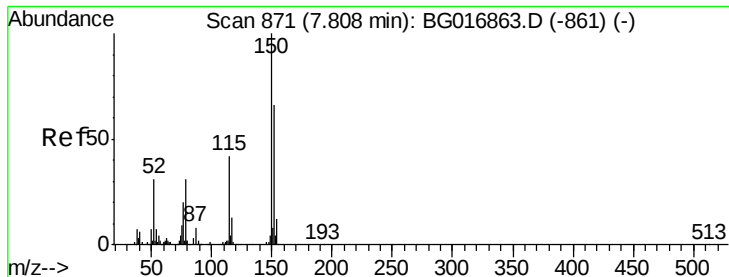
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

ClientSampleId :

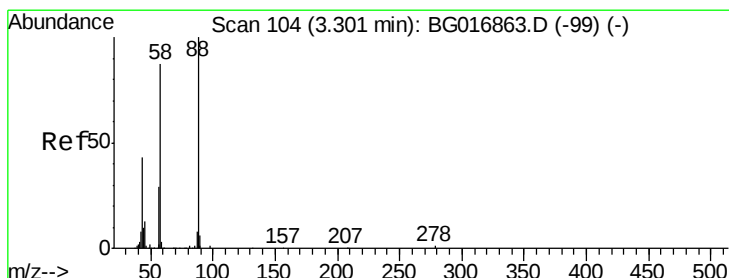
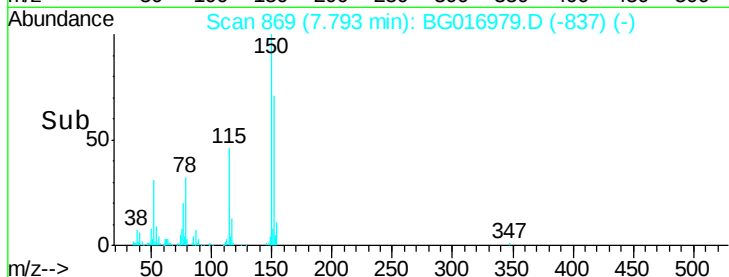
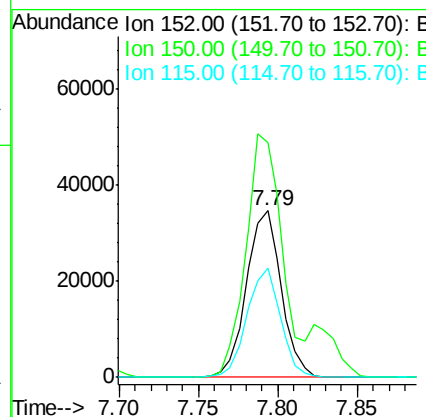
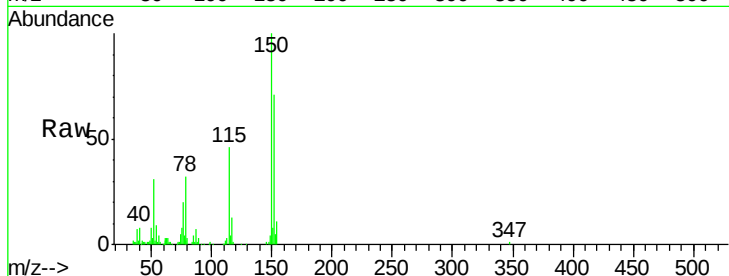
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Tgt Ion:	152	Resp:	52530
Ion Ratio	Lower	Upper	
152	100		
150	141.3	121.0	181.4
115	65.5	50.5	75.7



#2

1,4-Dioxane

Concen: 17.39 ng

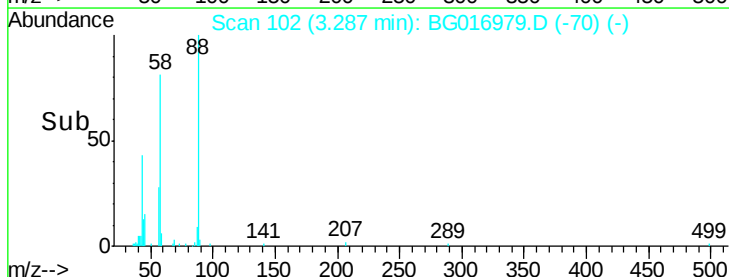
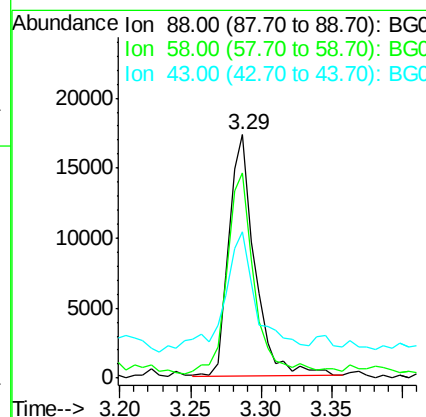
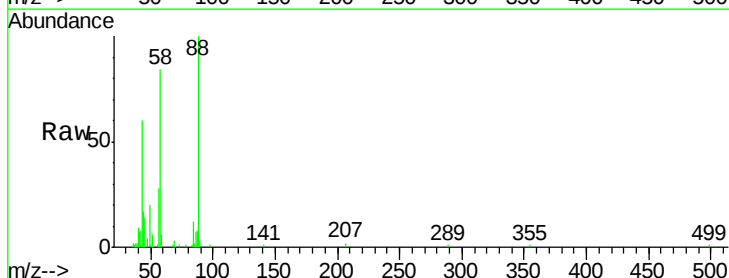
RT: 3.29 min Scan# 102

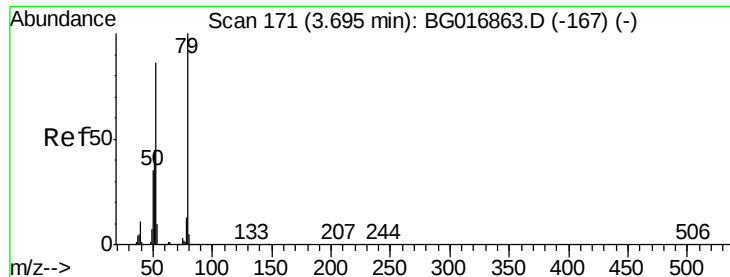
Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	88	Resp:	21981
Ion Ratio	Lower	Upper	
88	100		
58	87.2	0.1	0.1#
43	63.9	1.3	1.9#





#3

Pyridine

Concen: 13.79 ng

RT: 3.68 min Scan# 169

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

ClientSampleId :

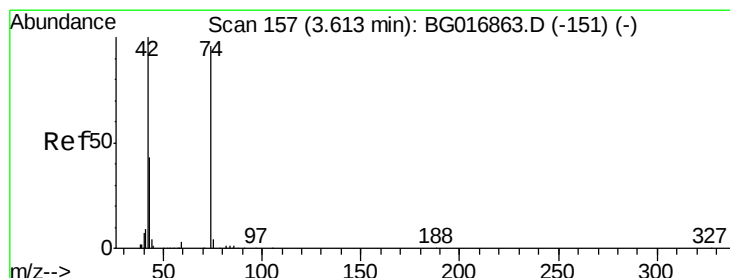
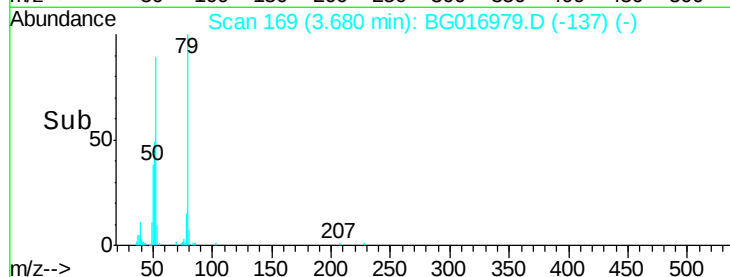
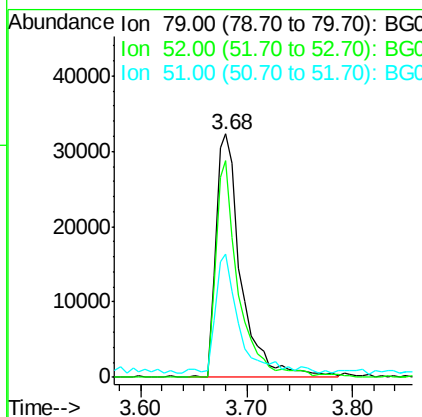
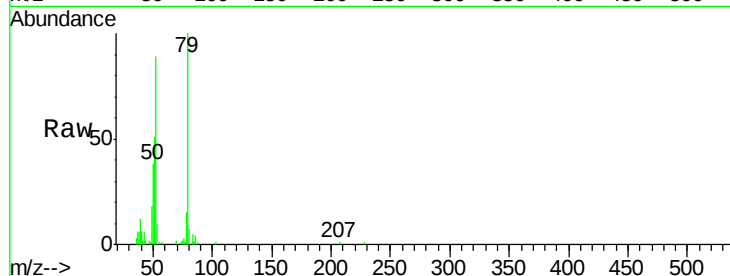
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Tgt Ion:	79	Resp:	53891
Ion	Ratio	Lower	Upper
79	100		
52	89.3	68.5	102.7
51	50.8	37.8	56.8



#4

n-Nitrosodimethylamine

Concen: 19.71 ng

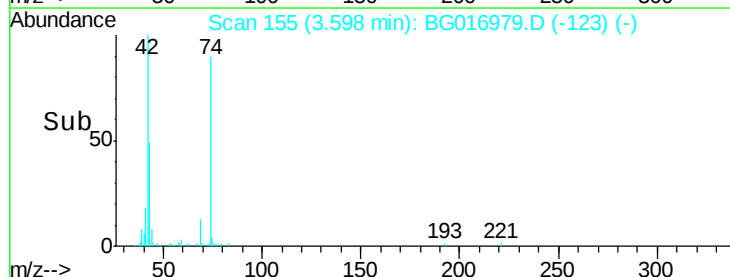
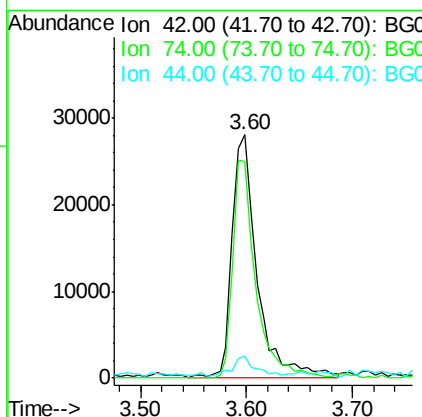
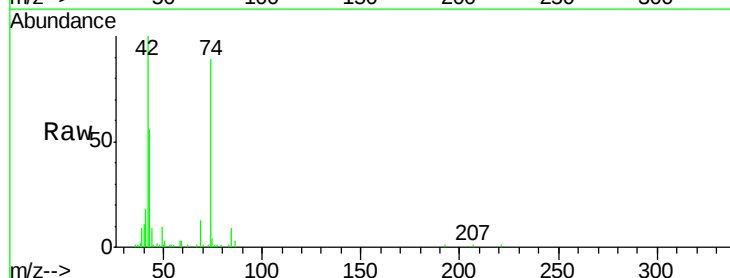
RT: 3.60 min Scan# 155

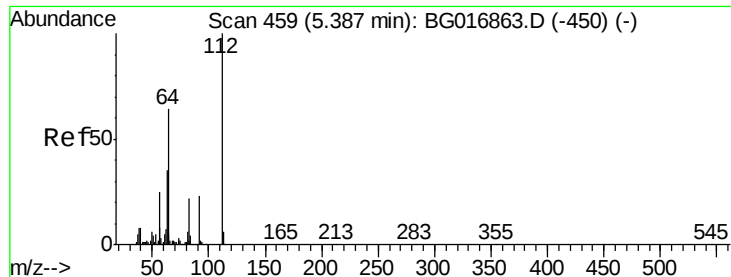
Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	42	Resp:	45990
Ion	Ratio	Lower	Upper
42	100		
74	89.1	76.2	114.2
44	9.2	4.9	7.3#





#5

2-Fluorophenol

Concen: 77.21 ng

RT: 5.37 min Scan# 457

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

ClientSampleId :

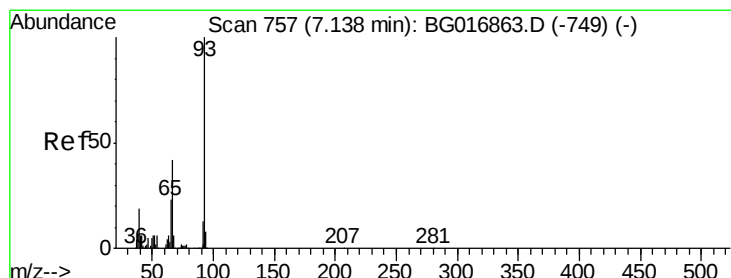
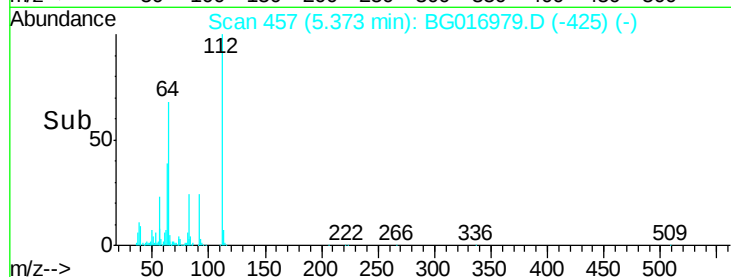
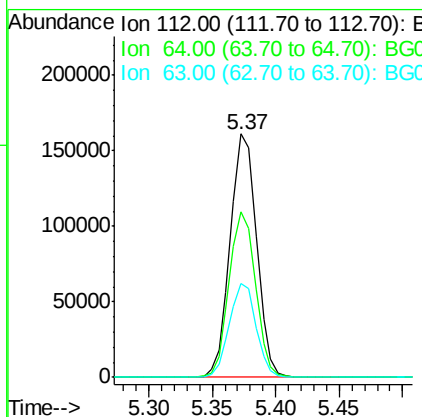
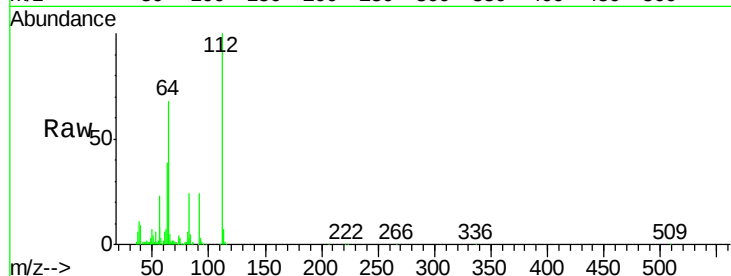
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Tgt Ion	Ratio	Resp	Lower	Upper
112	100	232942		
64	68.1	51.4	77.2	
63	38.8	28.1	42.1	



#6

Aniline

Concen: 14.85 ng

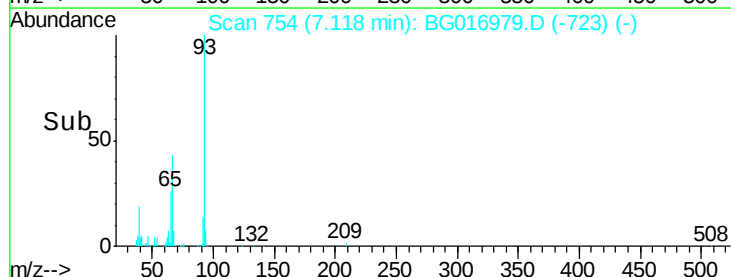
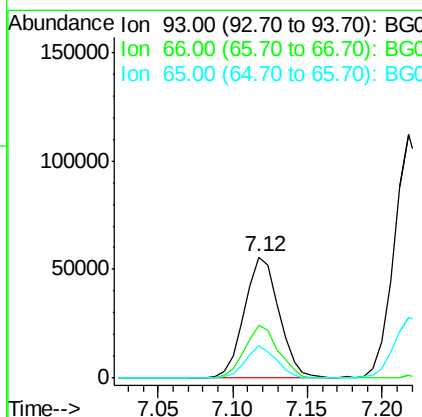
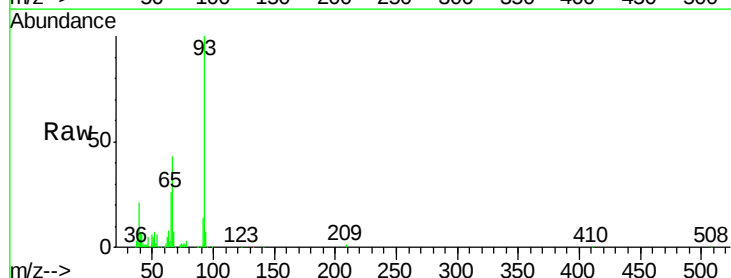
RT: 7.12 min Scan# 754

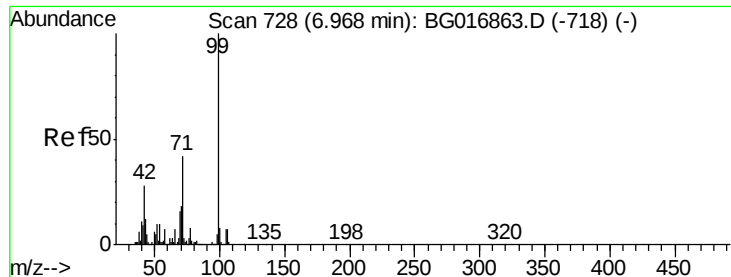
Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	89846		
66	43.4	33.8	50.6	
65	26.3	18.7	28.1	





#7

Phenol-d6

Concen: 48.63 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

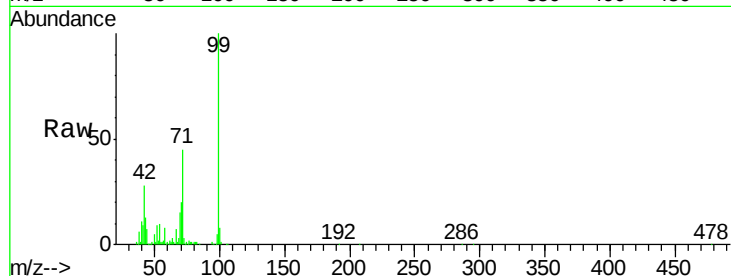
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MWHR3-14MS

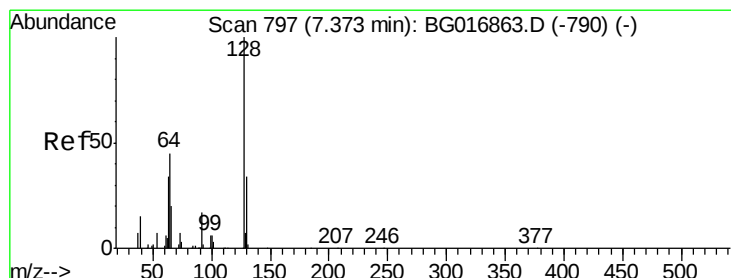
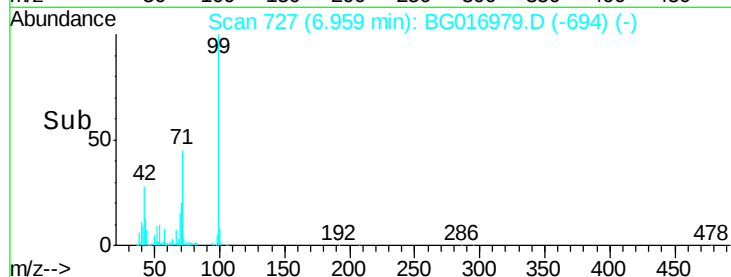
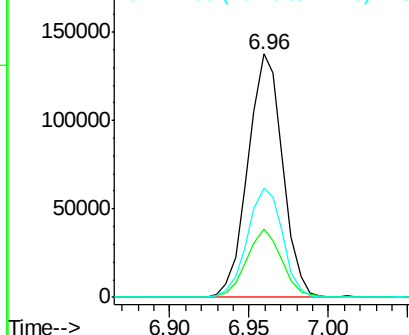
Tgt Ion	Ratio	Resp	Lower	Upper
99	100	209586		
42	28.2		22.1	33.1
71	44.7		33.4	50.0

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.94 ng

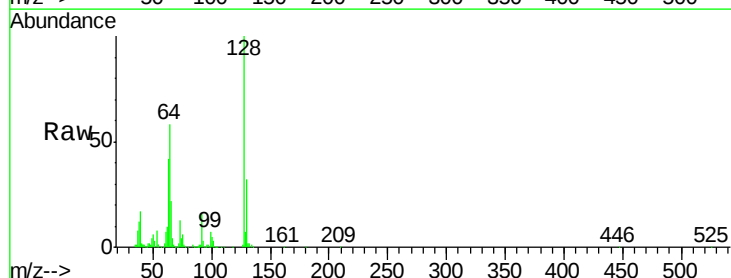
RT: 7.36 min Scan# 795

Delta R.T. -0.01 min

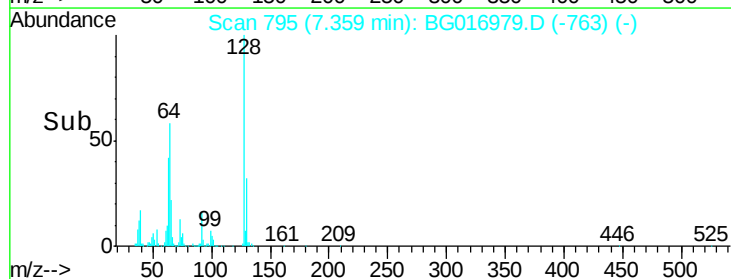
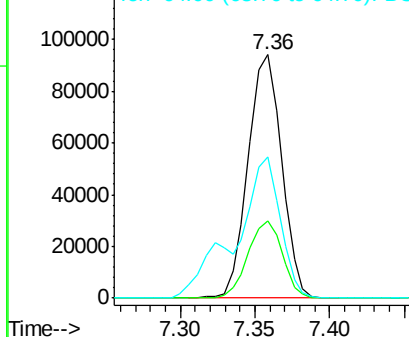
Lab File: BG016979.D

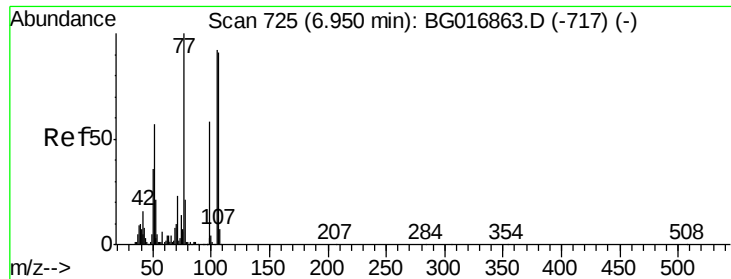
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	146565		
130	31.9		14.4	54.4
64	57.9		38.4	78.4



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 4.30 ng

RT: 6.93 min Scan# 722

Delta R.T. -0.02 min

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ClientSampleId :

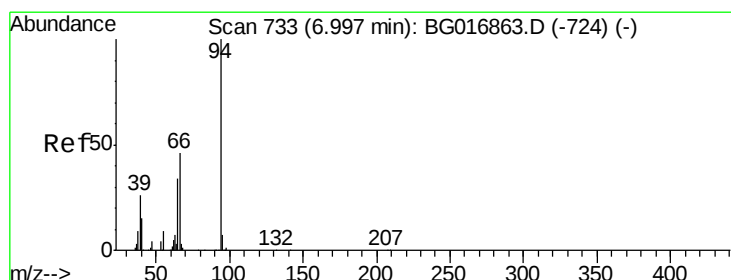
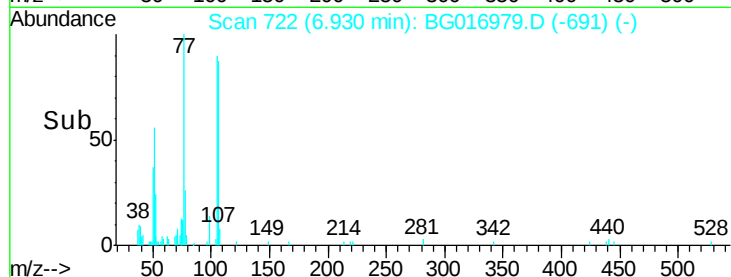
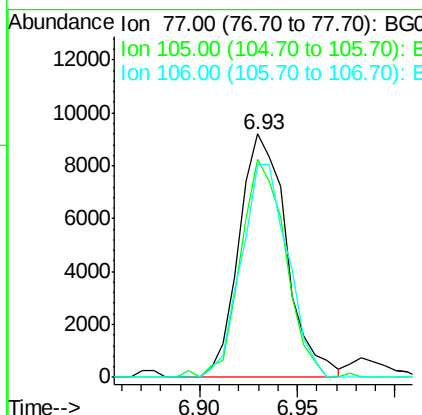
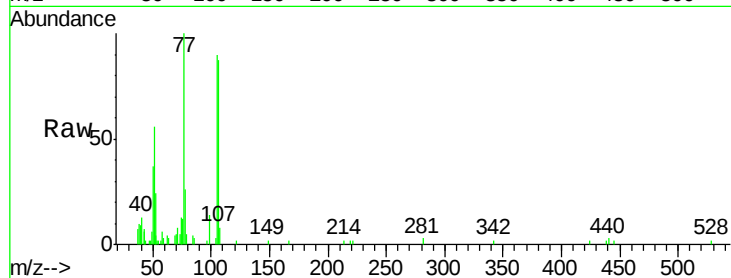
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Tgt Ion:	77	Resp:	15500
Ion Ratio	Lower	Upper	
77	100		
105	89.8	71.6	111.6
106	87.3	71.5	111.5



#10

Phenol

Concen: 16.44 ng

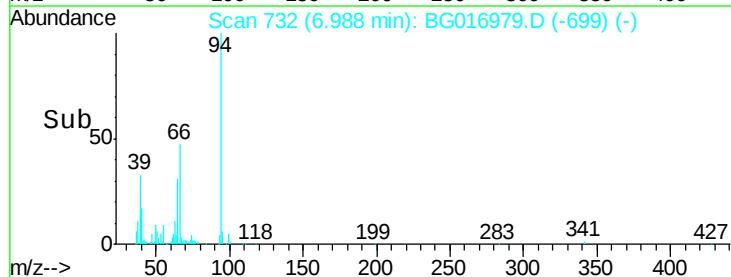
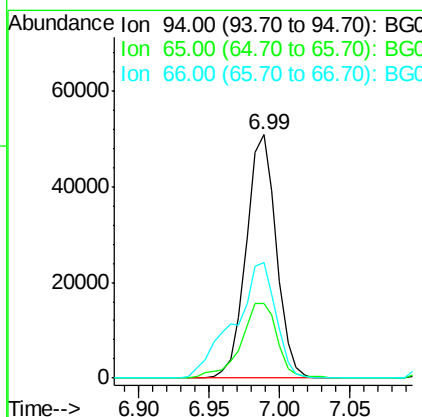
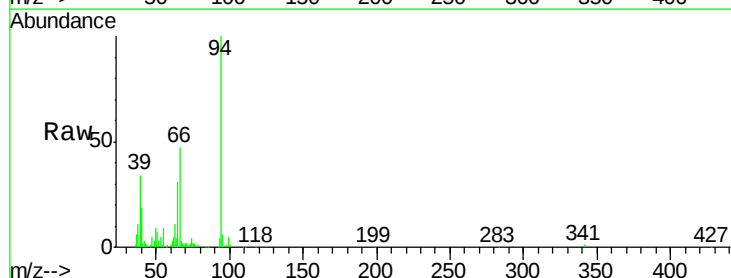
RT: 6.99 min Scan# 732

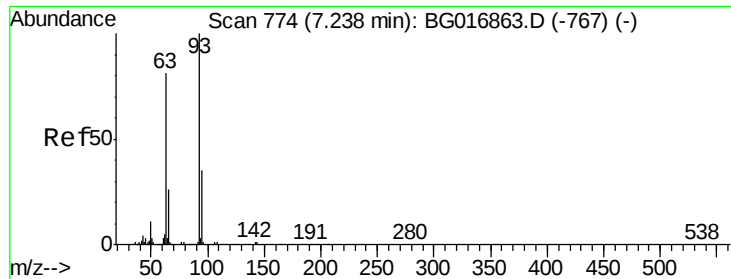
Delta R.T. -0.01 min

Lab File: BG016979.D

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Tgt Ion:	94	Resp:	75997
Ion Ratio	Lower	Upper	
94	100		
65	30.7	14.3	54.3
66	47.4	26.9	66.9





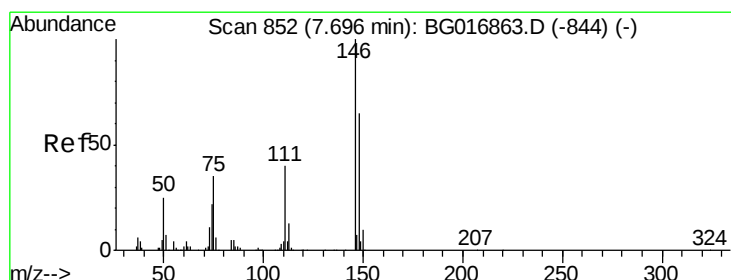
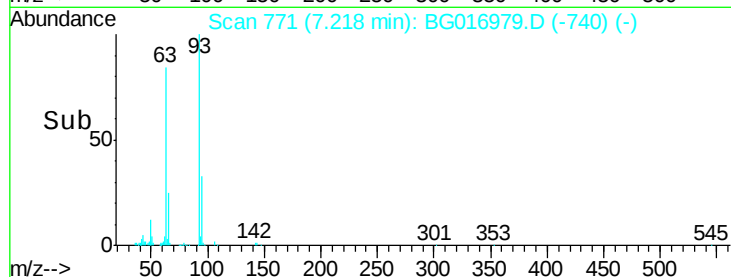
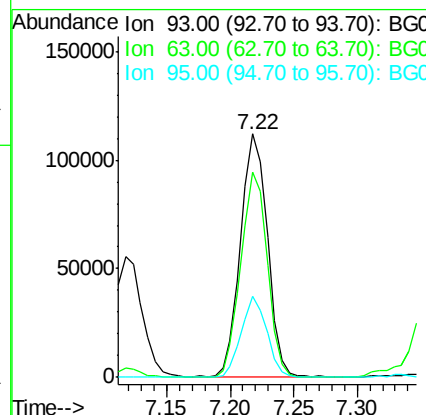
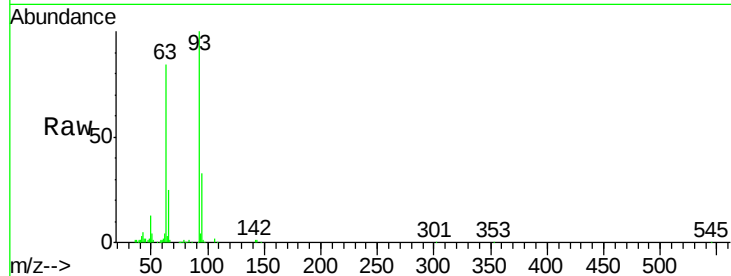
#11
bis(2-Chloroethyl)ether
Concen: 46.29 ng
RT: 7.22 min Scan# 771
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	165441		
63	84.3	61.2	101.2	
95	33.0	15.0	55.0	

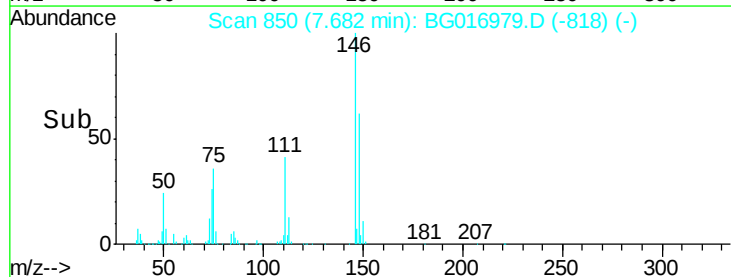
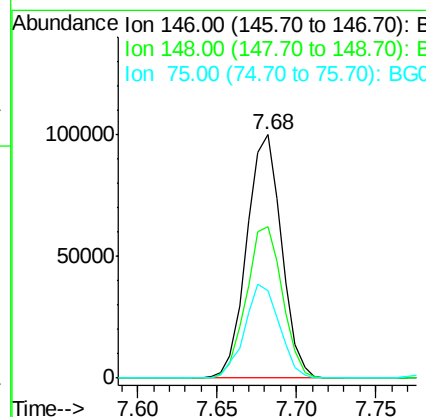
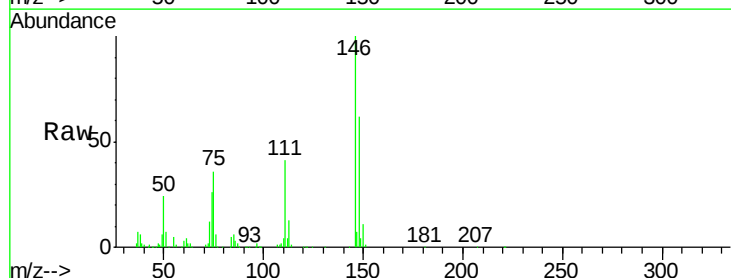
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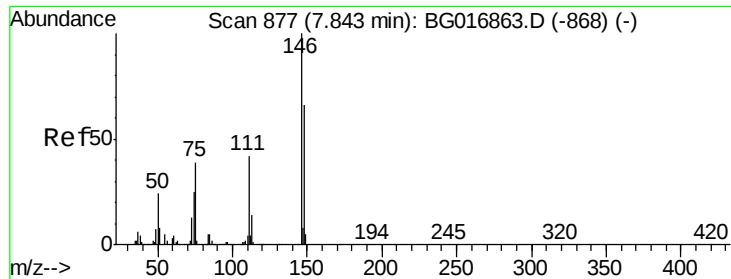
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#12
1,3-Dichlorobenzene
Concen: 39.49 ng
RT: 7.68 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	152186		
148	62.3	51.9	77.9	
75	36.1	28.2	42.2	





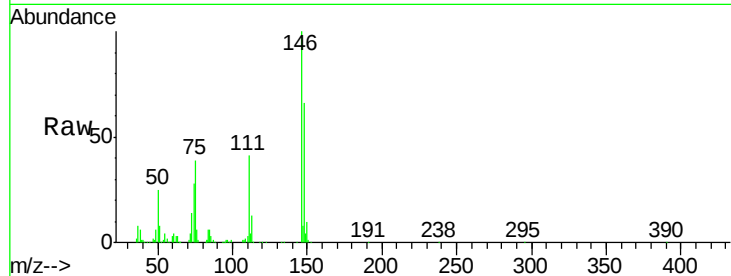
#13
 1,4-Dichlorobenzene
 Concen: 39.64 ng
 RT: 7.83 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

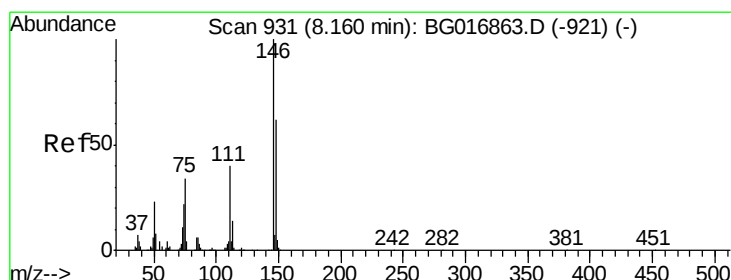
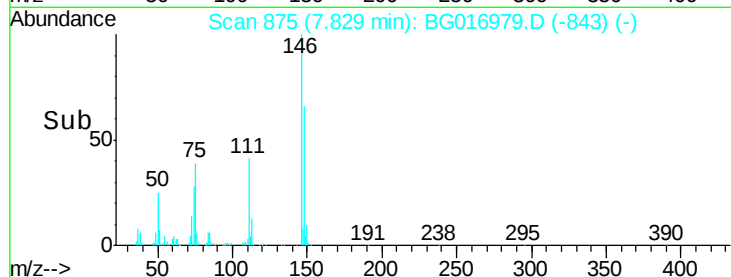
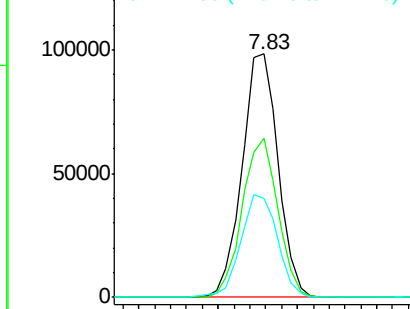
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	154742		
148	65.6	52.8	79.2	
111	40.6	33.9	50.9	

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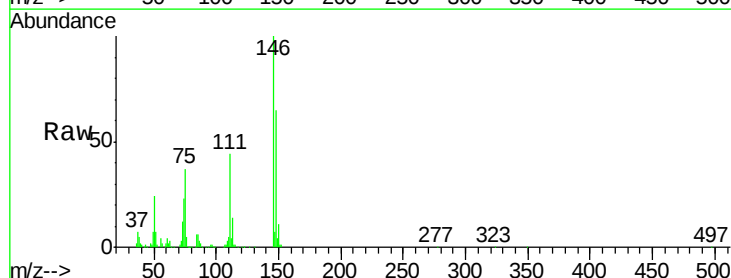


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

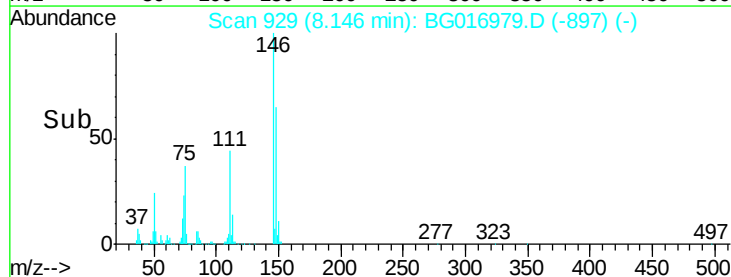
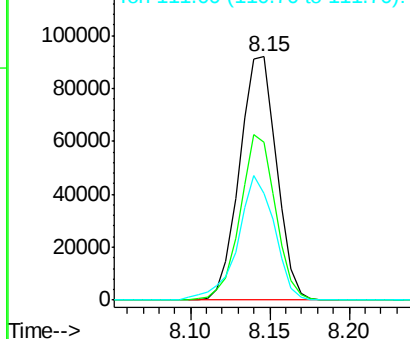


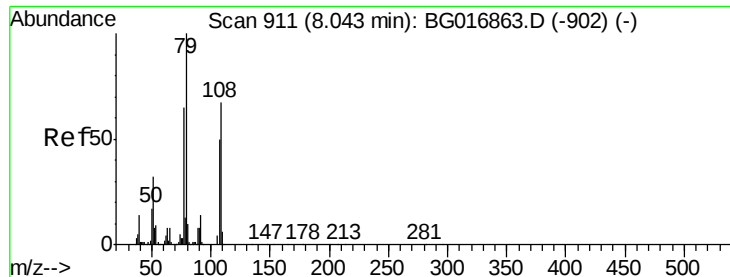
#14
 1,2-Dichlorobenzene
 Concen: 39.86 ng
 RT: 8.15 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	149320		
148	64.8	49.9	74.9	
111	43.7	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: 30.50 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

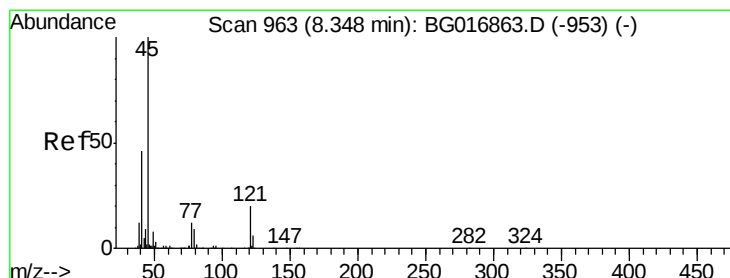
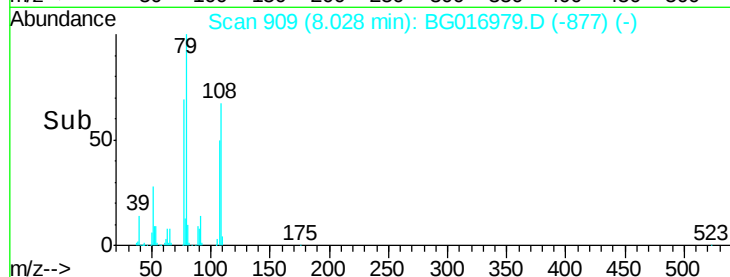
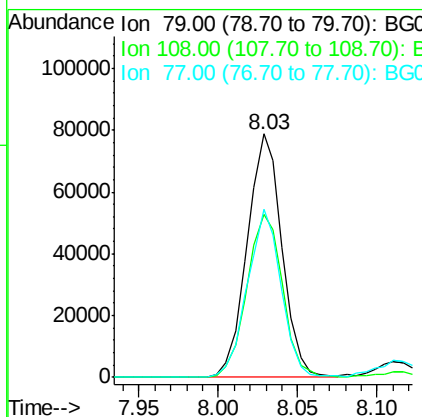
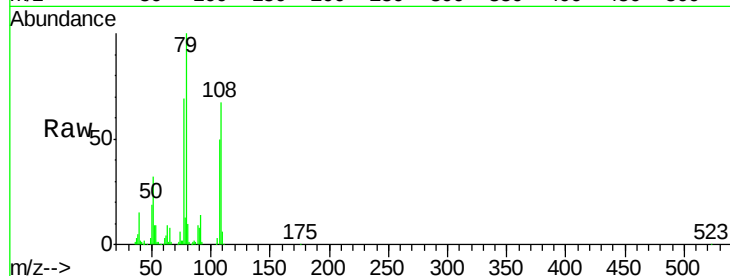
ClientSampleId :

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Tgt Ion:	79	Resp:	120061
Ion Ratio	Lower	Upper	
79	100		
108	67.1	53.4	80.2
77	69.0	52.2	78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.71 ng

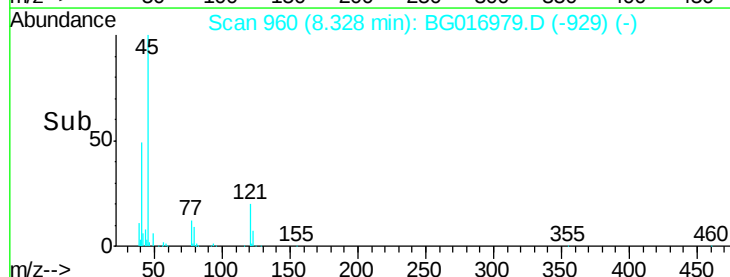
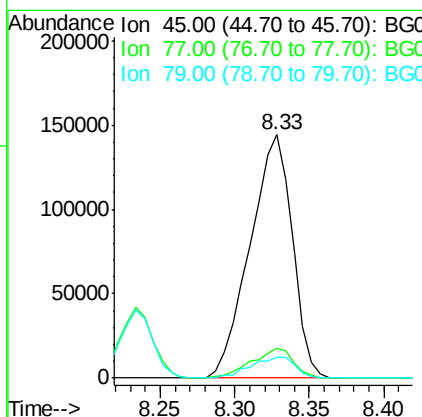
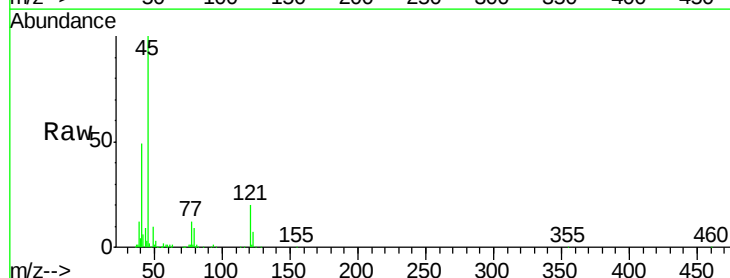
RT: 8.33 min Scan# 960

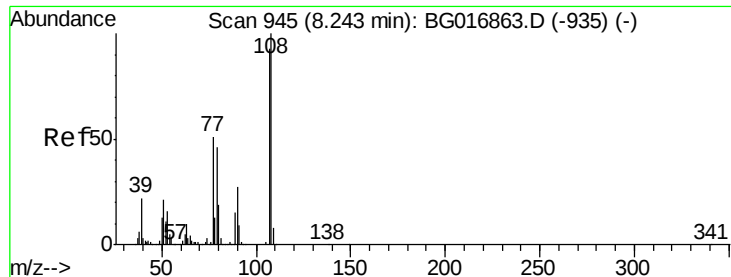
Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	45	Resp:	282517
Ion Ratio	Lower	Upper	
45	100		
77	12.2	0.0	31.8
79	8.7	0.0	29.1





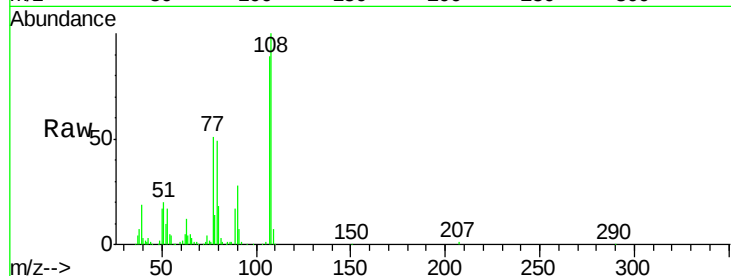
#17
2-Methylphenol
Concen: 34.77 ng
RT: 8.23 min Scan# 944
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

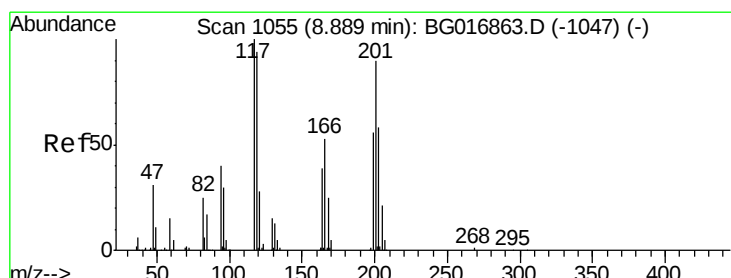
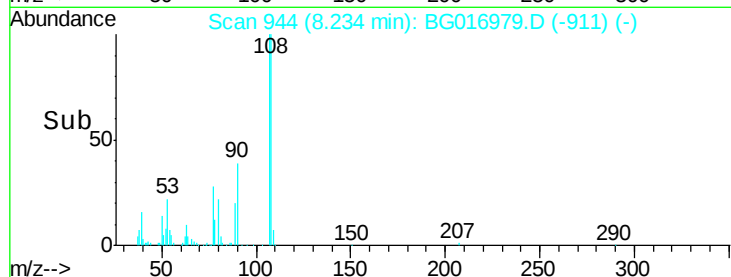
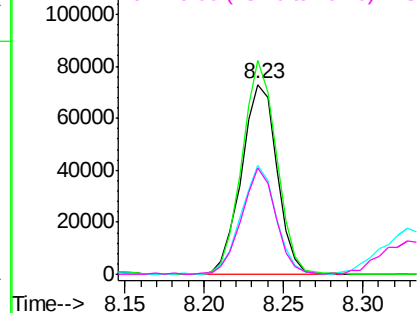
Tgt	Ion	Resp	Lower	Upper
107	100			
108	112.4	85.9	128.9	
77	57.2	43.8	65.6	
79	55.6	39.8	59.6	

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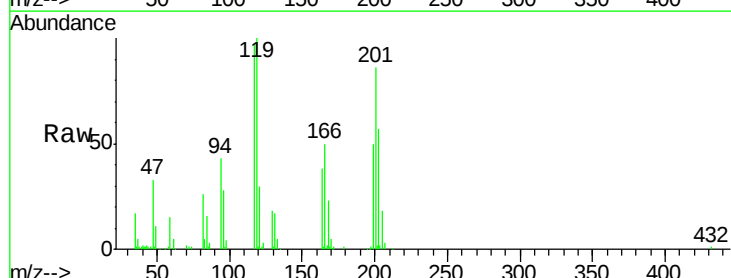


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

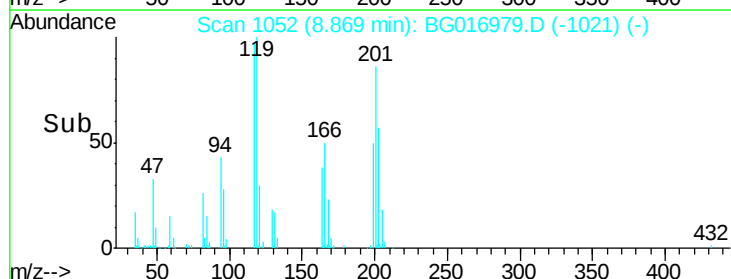
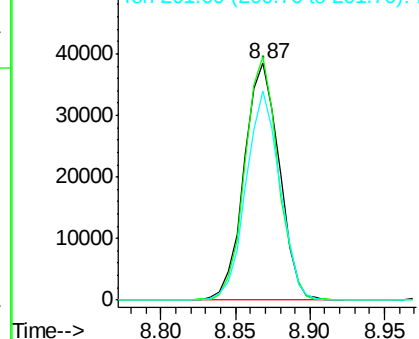


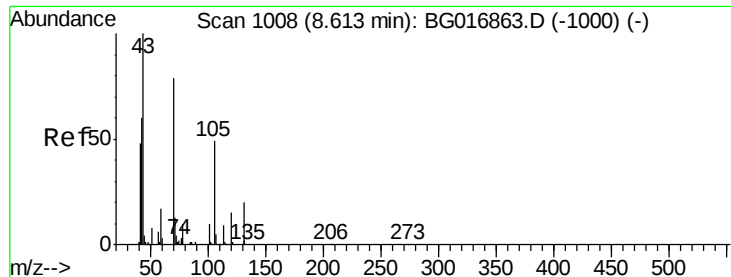
#18
Hexachloroethane
Concen: 38.97 ng
RT: 8.87 min Scan# 1052
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt	Ion	Resp	Lower	Upper
117	100			
119	102.9	74.8	112.2	
201	88.2	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





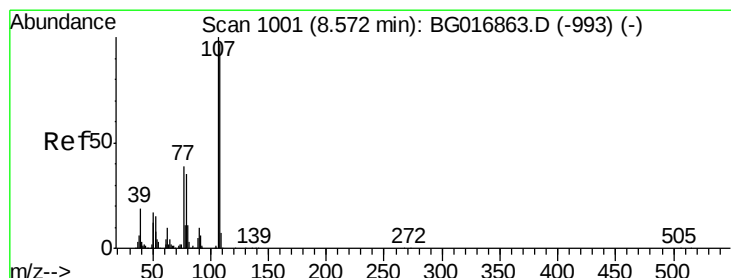
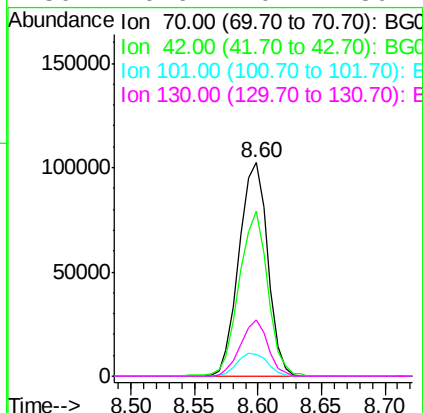
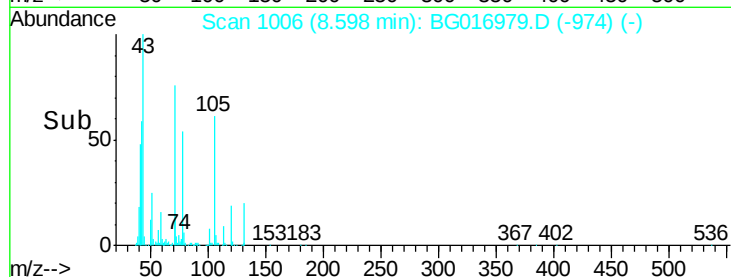
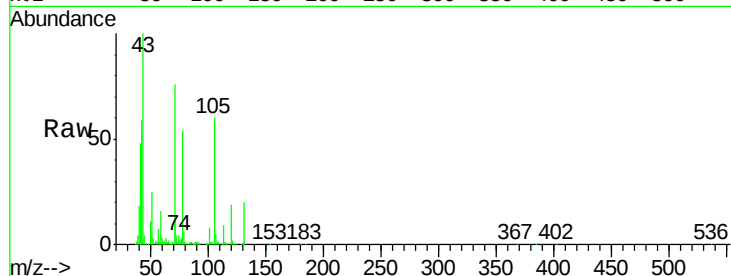
#19
n-Nitroso-di-n-propylamine
Concen: 42.63 ng
RT: 8.60 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
70	100	161093		
42	77.4	61.5	92.3	
101	10.3	9.8	14.6	
130	26.6	20.2	30.4	

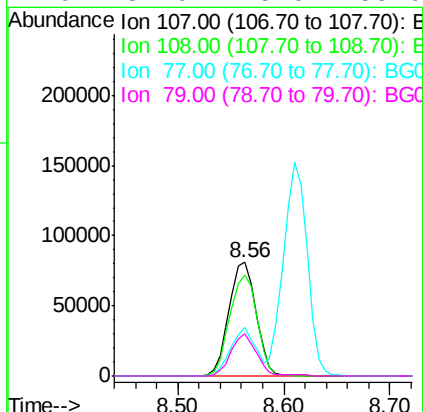
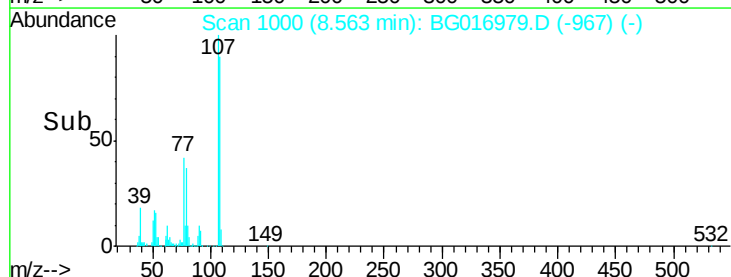
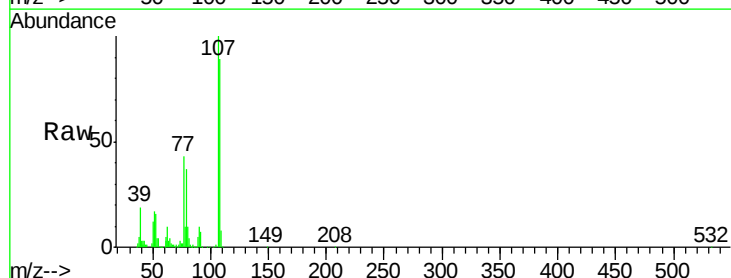
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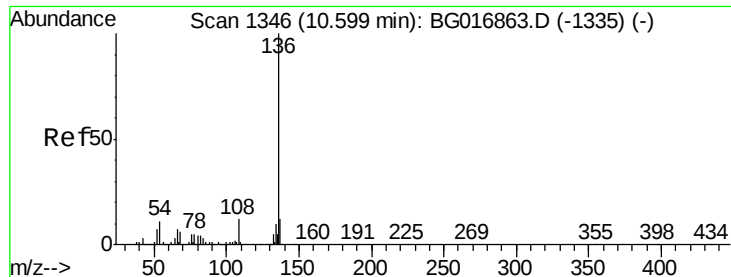
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#20
3+4-Methylphenols
Concen: 32.30 ng
RT: 8.56 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	144855		
108	89.4	76.6	116.6	
77	42.6	19.0	59.0	
79	37.0	15.0	55.0	





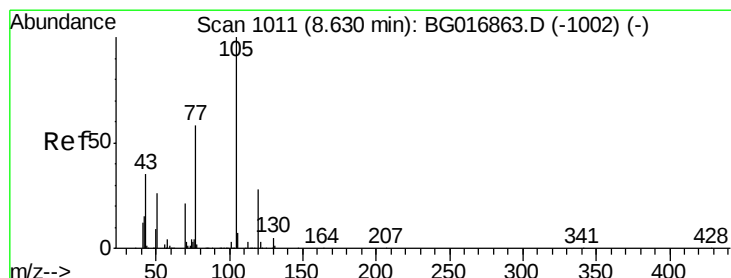
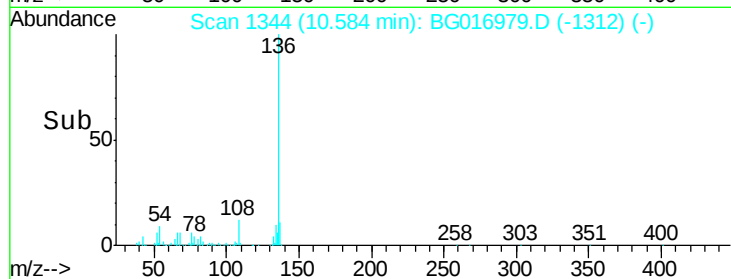
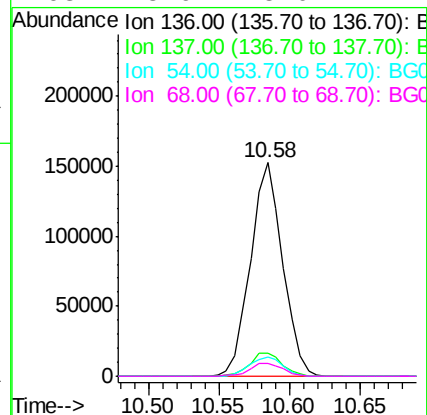
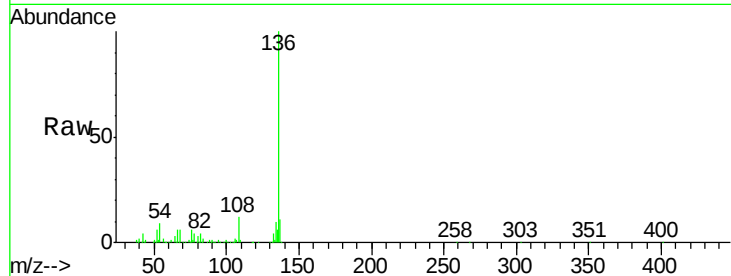
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.58 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	10.5	9.8	14.8
54	9.1	8.7	13.1
68	5.9	5.0	7.4

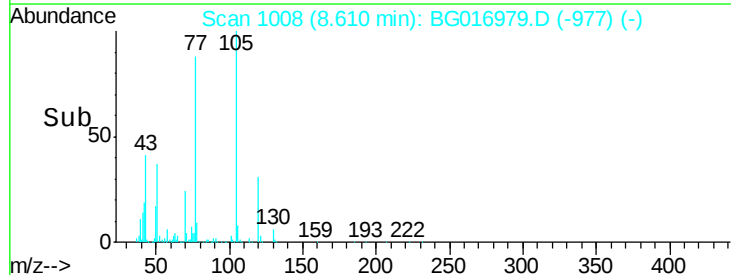
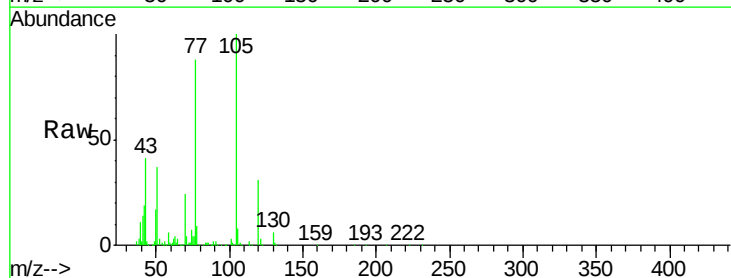
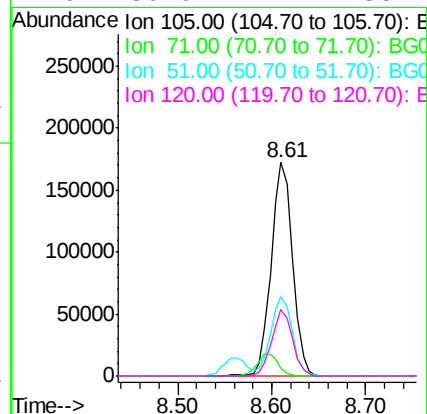
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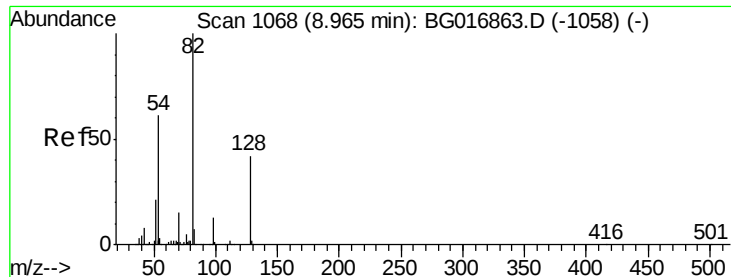
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#22
Acetophenone
Concen: 46.65 ng
RT: 8.61 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	3.9	2.8	4.2
51	37.2	29.4	44.2
120	30.9	22.2	33.4





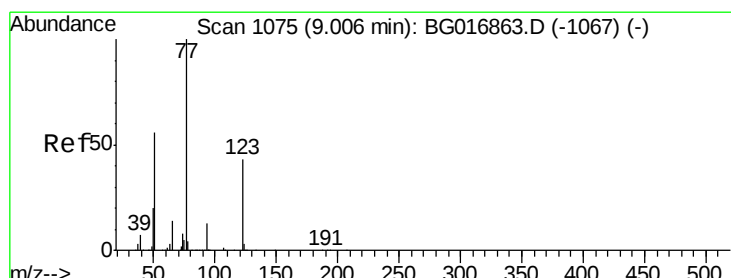
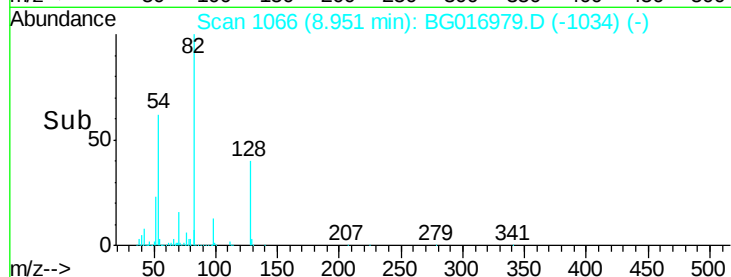
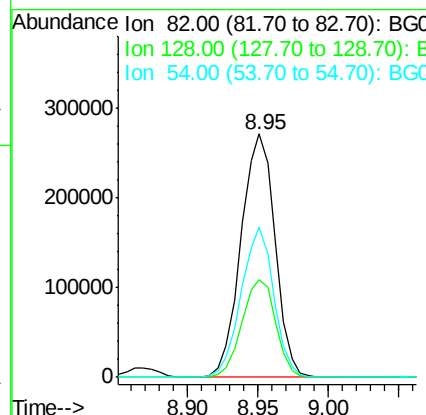
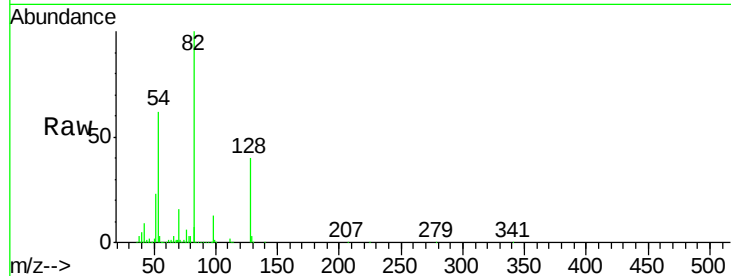
#23
Nitrobenzene-d5
Concen: 91.63 ng
RT: 8.95 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.0	33.2	49.8
54	61.7	48.6	72.8

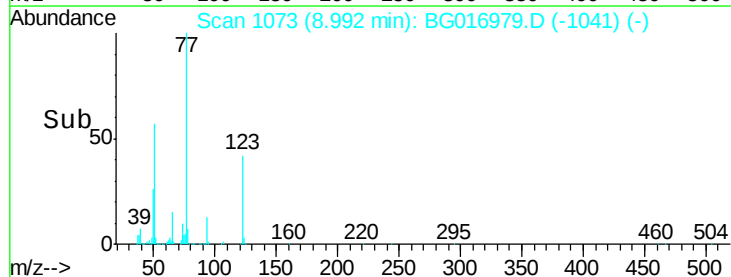
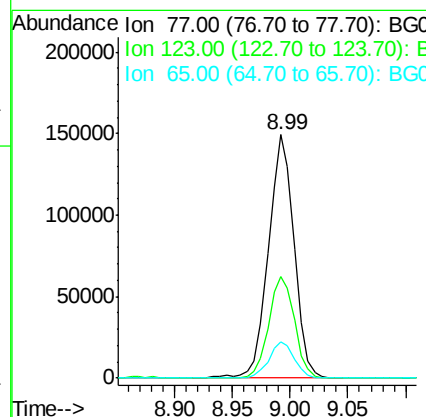
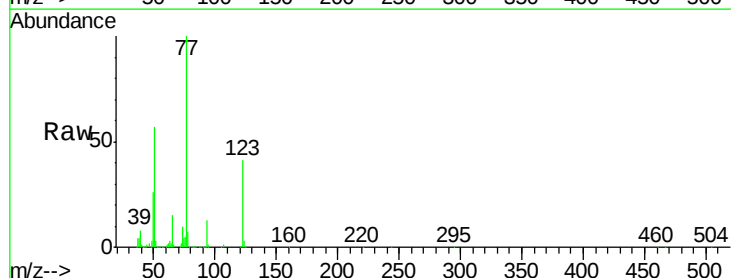
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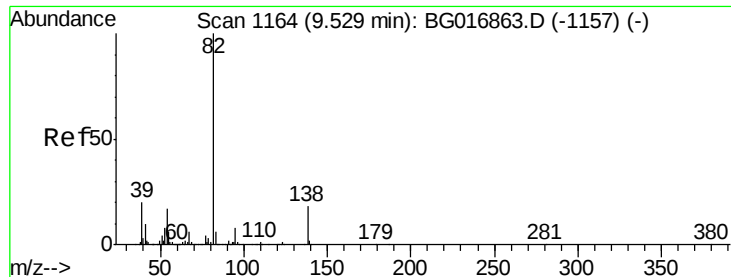
apatel
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#24
Nitrobenzene
Concen: 45.82 ng
RT: 8.99 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	34.0	51.0
65	15.1	11.2	16.8





#25

Isophorone

Concen: 42.98 ng

RT: 9.51 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

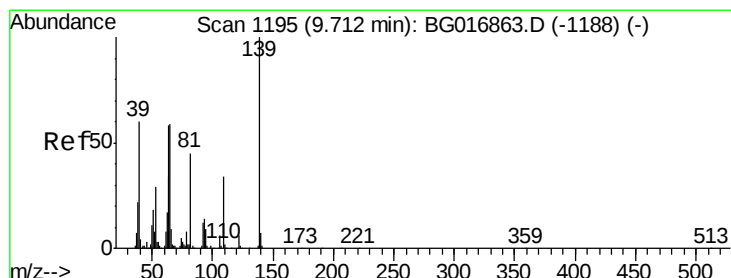
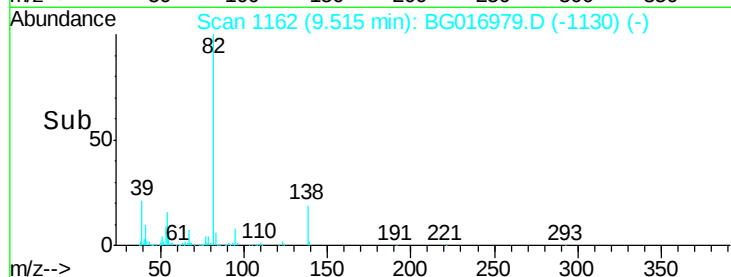
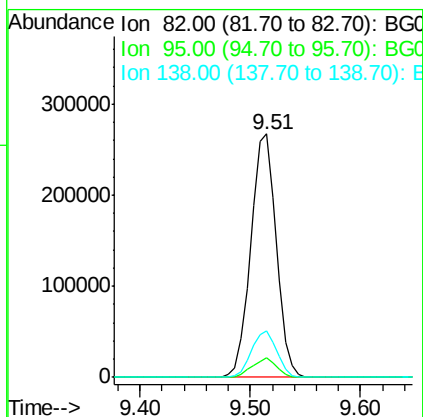
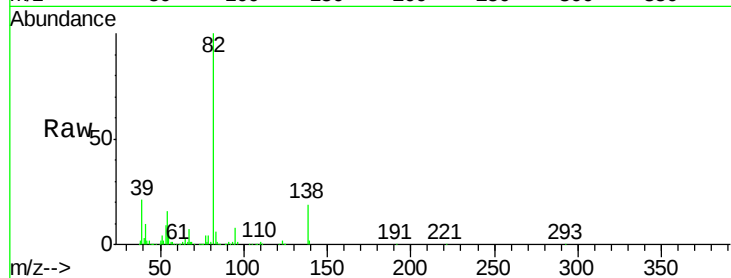
ClientSampleId :

MWHR3-14MS

Tgt Ion:	82	Resp:	433586
Ion Ratio		Lower	Upper
82	100		
95	8.1	6.7	10.1
138	18.9	14.7	22.1

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#26

2-Nitrophenol

Concen: 48.49 ng

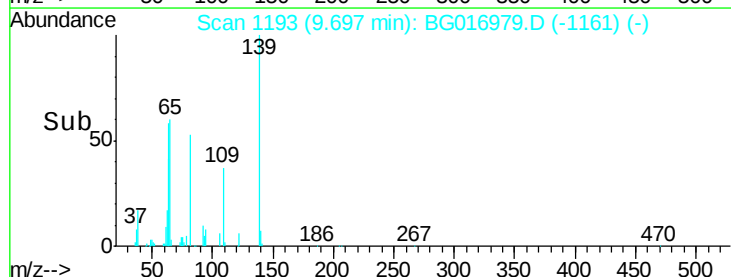
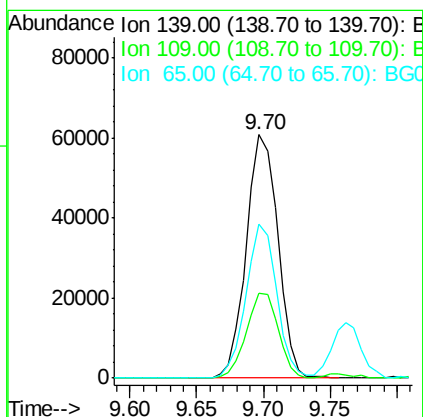
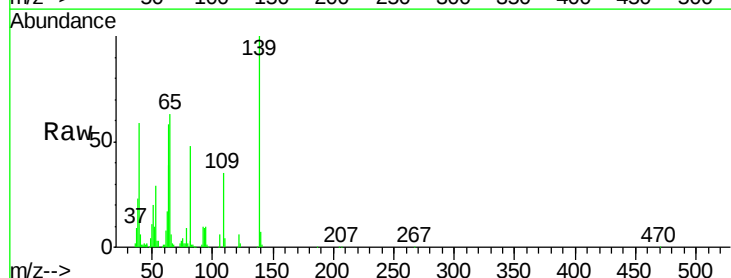
RT: 9.70 min Scan# 1193

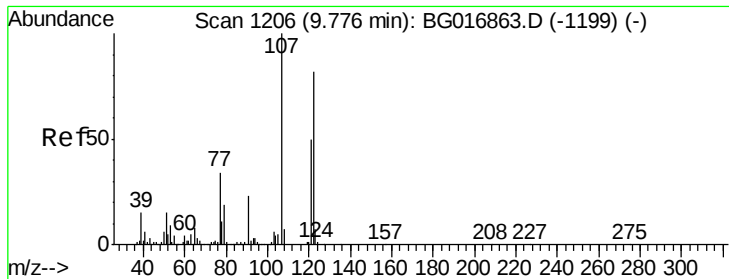
Delta R.T. -0.01 min

Lab File: BG016979.D

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Tgt Ion:	139	Resp:	99619
Ion Ratio		Lower	Upper
139	100		
109	34.7	27.4	41.2
65	63.2	47.1	70.7





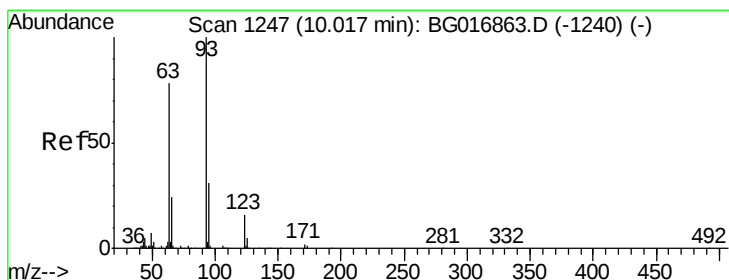
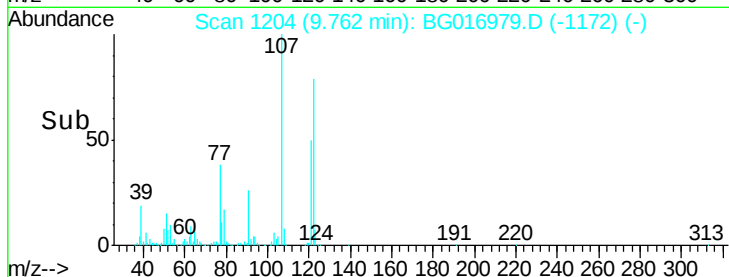
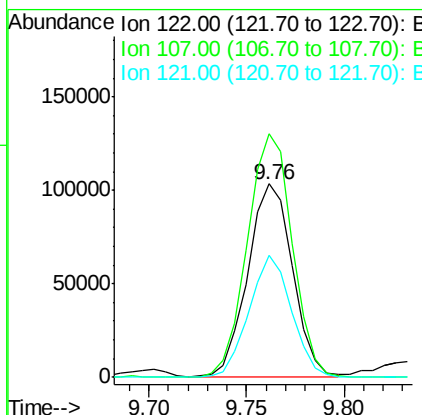
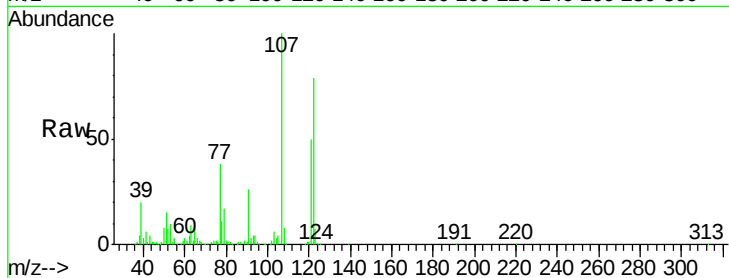
#27
 2,4-Dimethylphenol
 Concen: 44.06 ng
 RT: 9.76 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	163799		
107	125.9	97.6	146.4	
121	62.9	48.4	72.6	

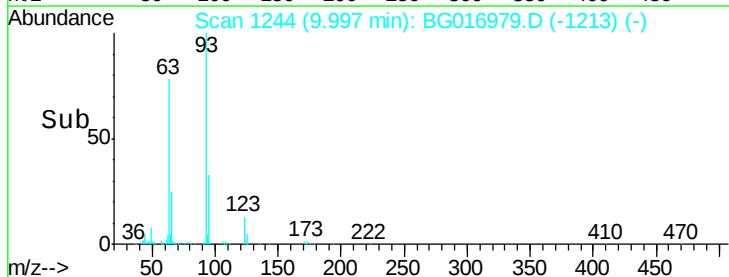
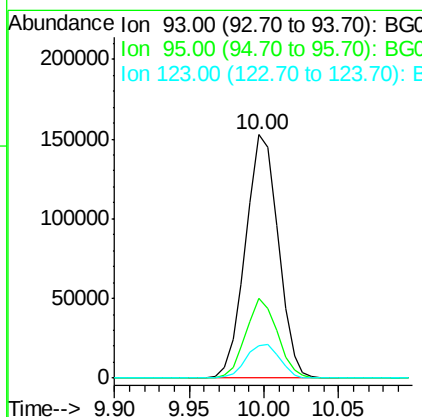
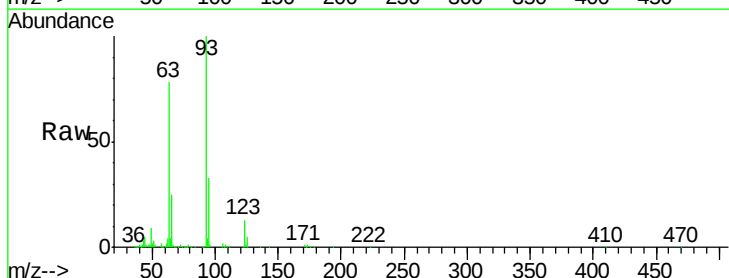
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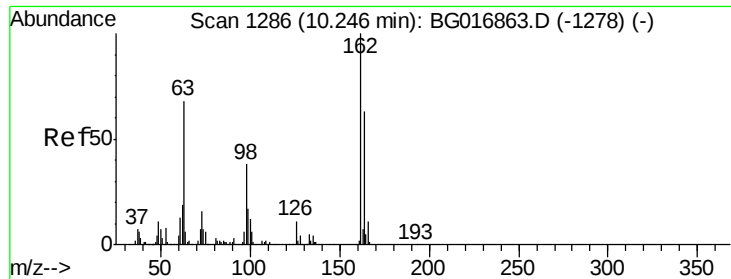
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.60 ng
 RT: 10.00 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232175		
95	32.7	24.8	37.2	
123	13.1	12.6	19.0	





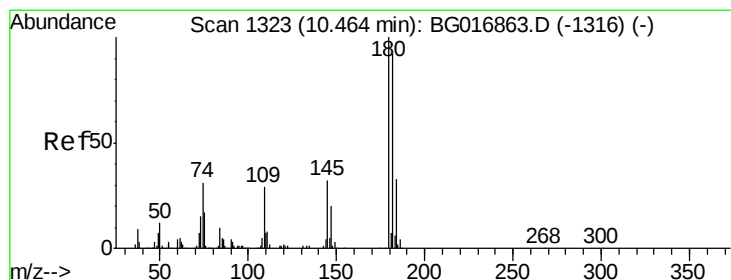
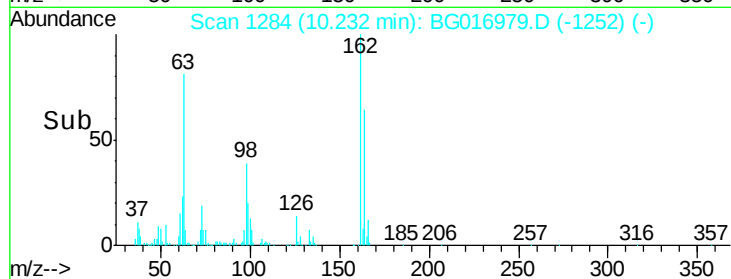
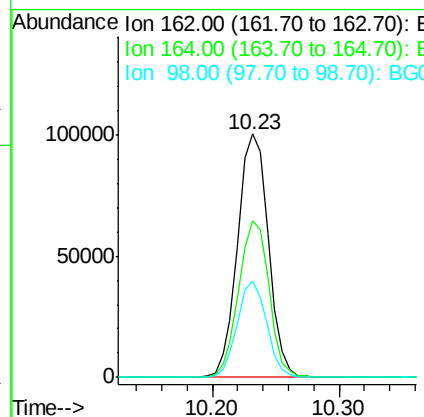
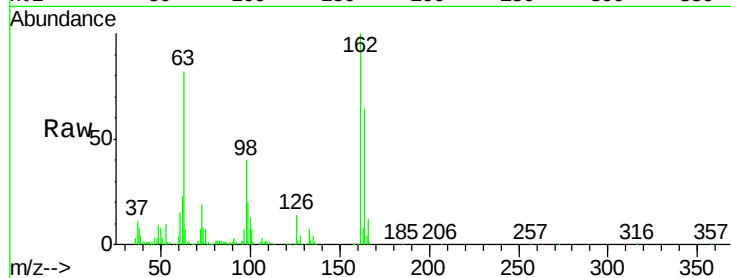
#29
2,4-Dichlorophenol
Concen: 47.78 ng
RT: 10.23 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.4	42.9	82.9
98	39.6	18.4	58.4

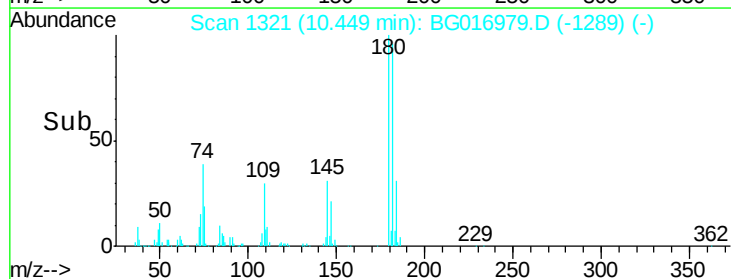
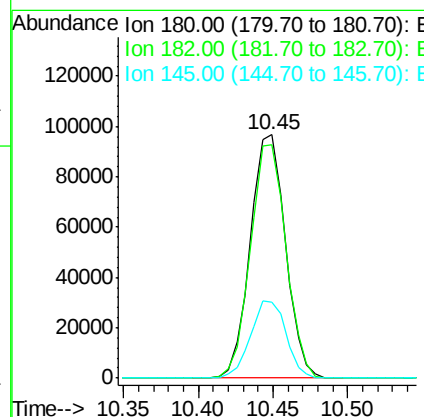
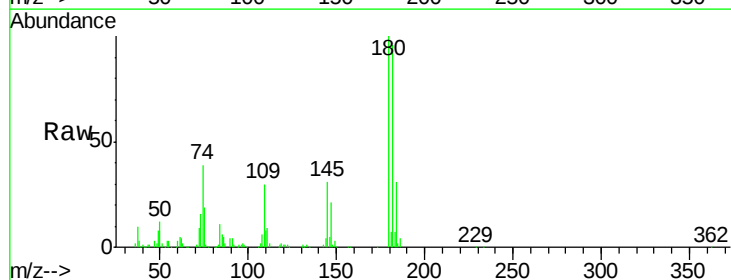
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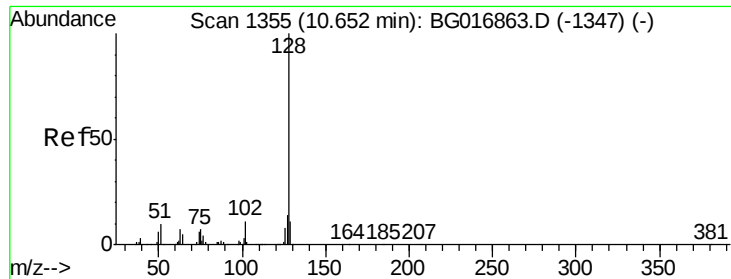
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#30
1,2,4-Trichlorobenzene
Concen: 42.20 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	73.8	110.8
145	30.9	25.4	38.0





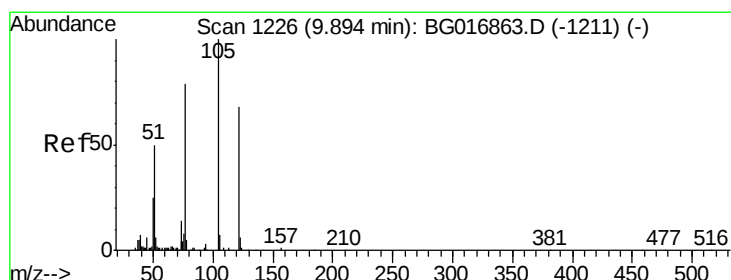
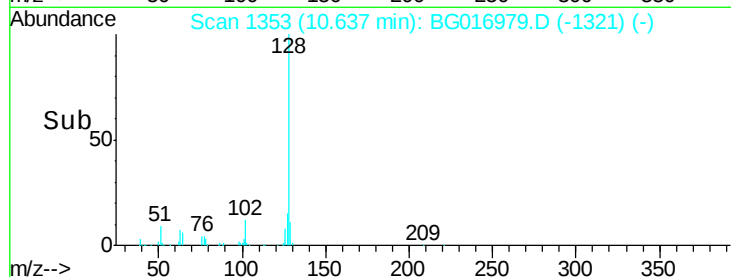
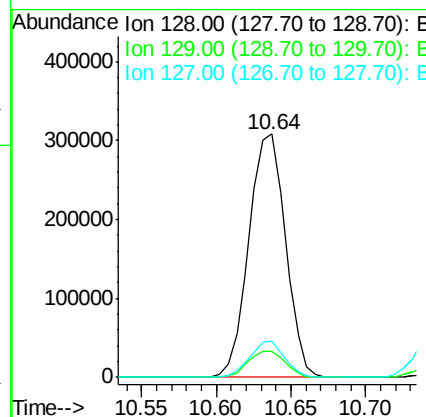
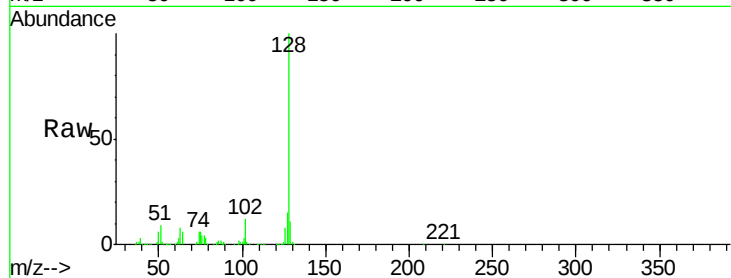
#31
Naphthalene
Concen: 43.16 ng
RT: 10.64 min Scan# 1353
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.9	9.1	13.7
127	14.9	10.9	16.3

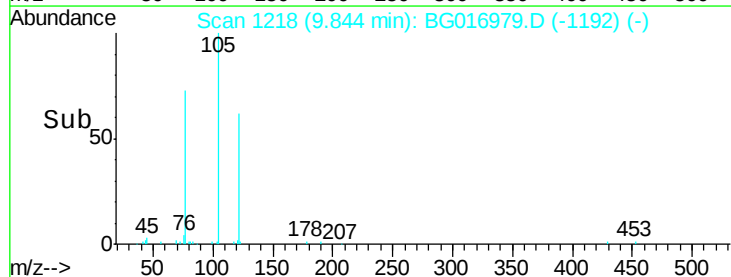
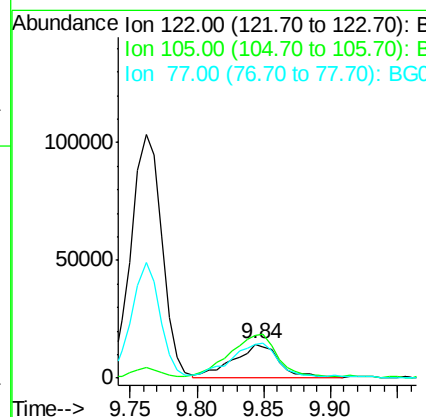
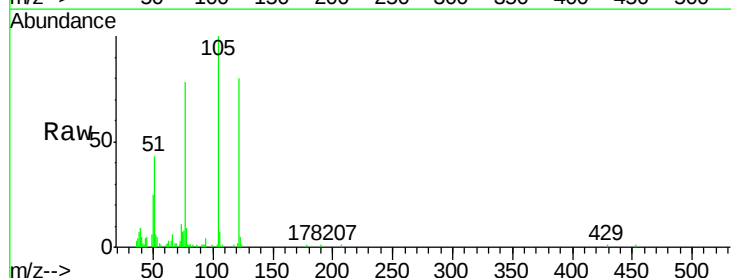
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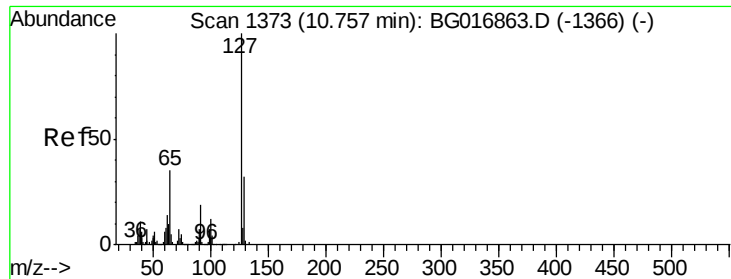
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#32
Benzoic acid
Concen: 18.50 ng
RT: 9.84 min Scan# 1218
Delta R.T. -0.05 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	125.6	123.2	163.2
77	98.5	93.0	133.0





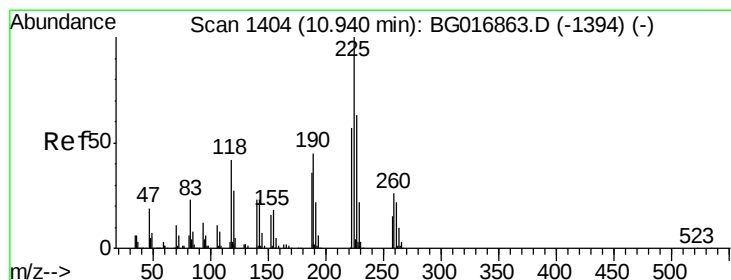
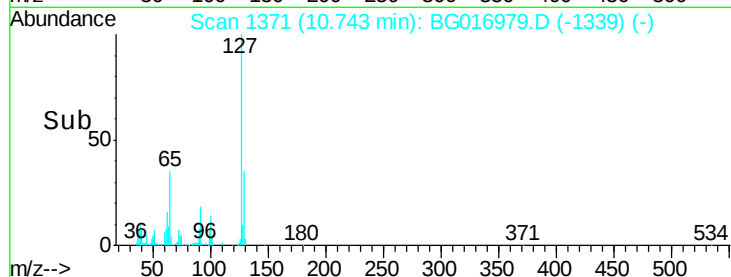
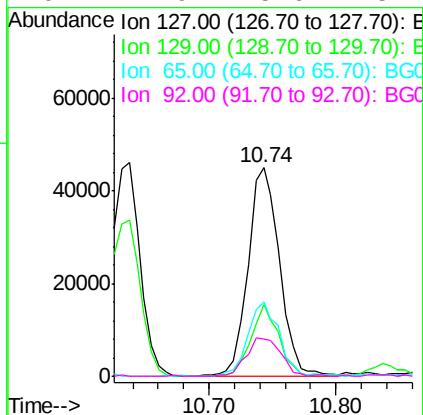
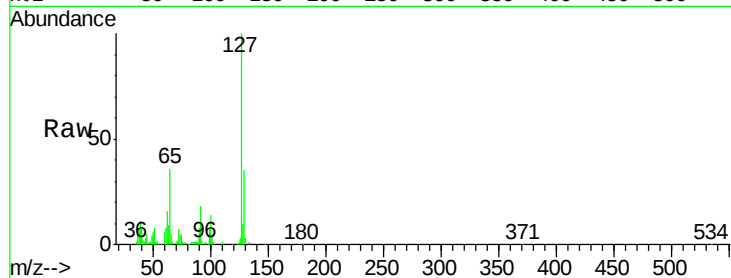
#33
4-Chloroaniline
Concen: 13.86 ng
RT: 10.74 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	77702		
129	34.6	25.8	38.6	
65	35.5	28.2	42.2	
92	17.9	15.6	23.4	

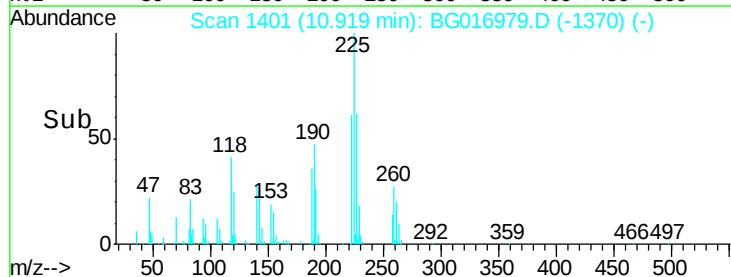
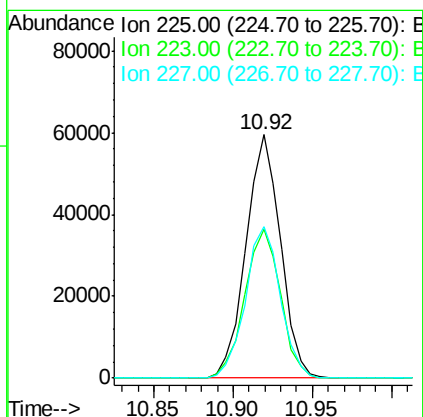
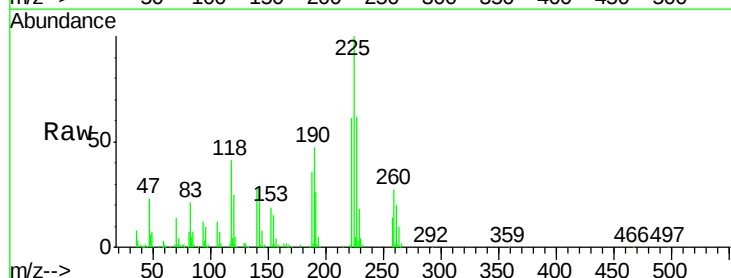
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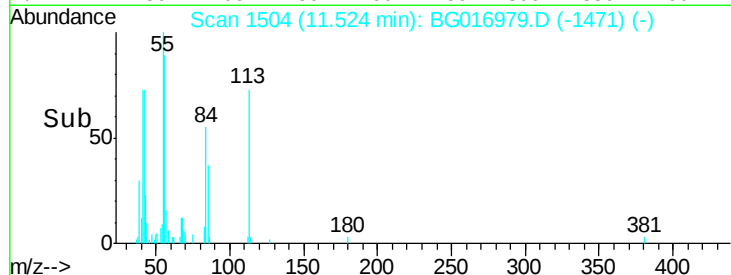
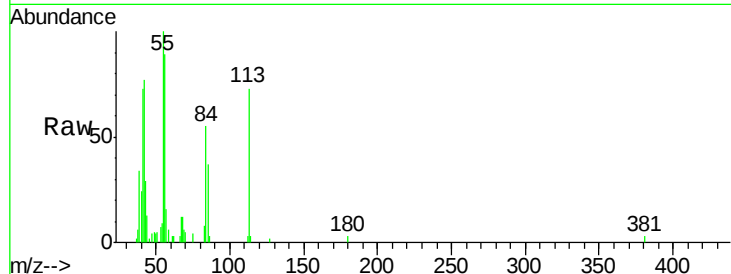
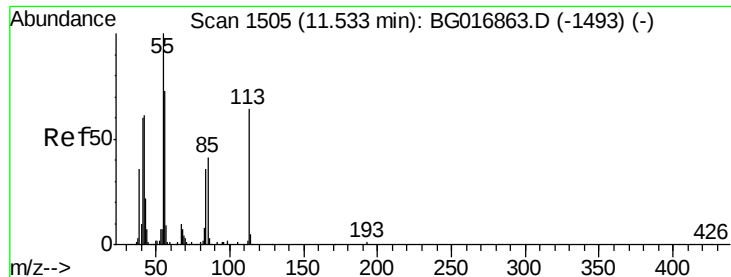
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#34
Hexachlorobutadiene
Concen: 38.58 ng
RT: 10.92 min Scan# 1401
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	89924		
223	61.1	45.8	68.6	
227	62.0	50.7	76.1	





#35

Caprolactam

Concen: 7.86 ng m

RT: 11.52 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

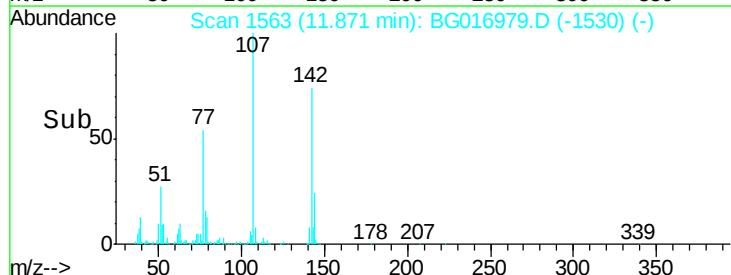
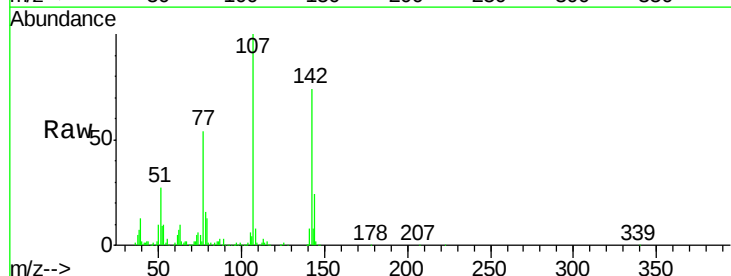
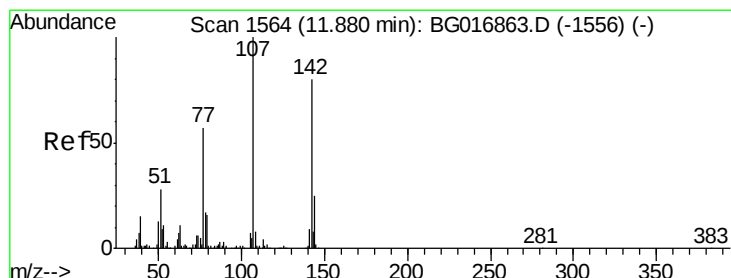
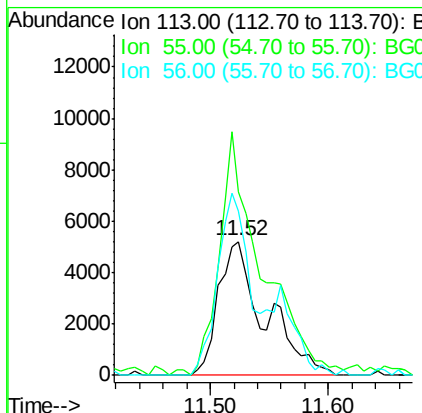
ClientSampleId :

MWHR3-14MS

Tgt Ion:	113	Resp:	14335
Ion Ratio	Lower	Upper	
113	100		
55	137.1	137.1	177.1
56	122.2	94.3	134.3

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#36

4-Chloro-3-methylphenol

Concen: 48.65 ng

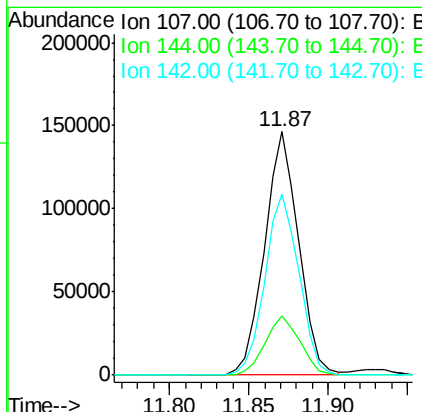
RT: 11.87 min Scan# 1563

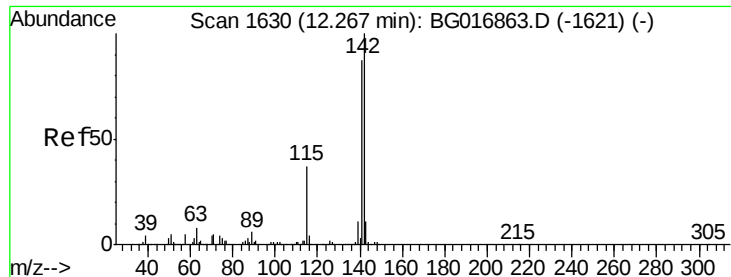
Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	107	Resp:	218779
Ion Ratio	Lower	Upper	
107	100		
144	24.1	20.2	30.2
142	74.3	64.2	96.2





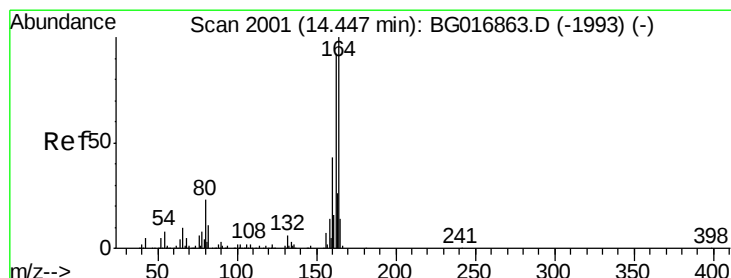
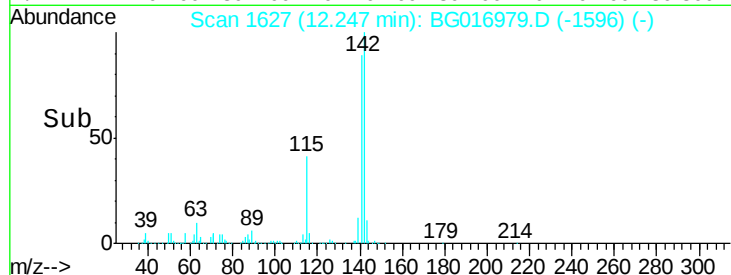
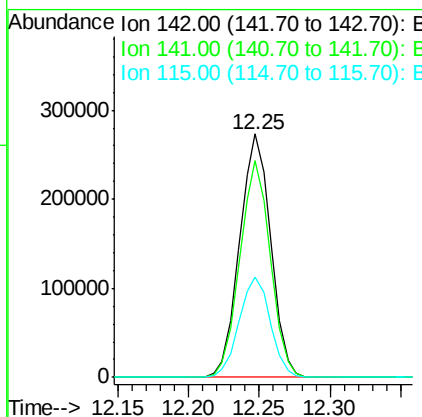
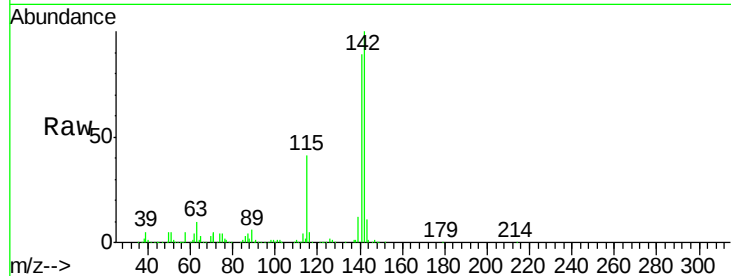
#37
 2-Methylnaphthalene
 Concen: 45.53 ng
 RT: 12.25 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	420949		
141	89.2	69.9	104.9	
115	41.0	29.8	44.8	

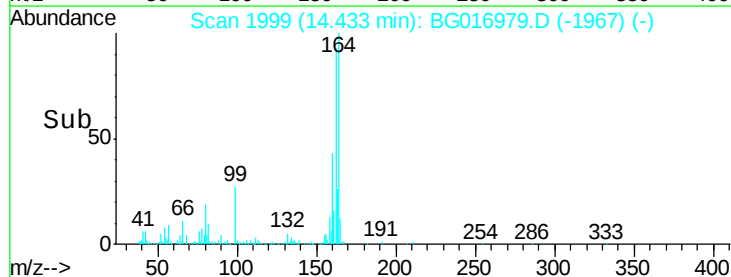
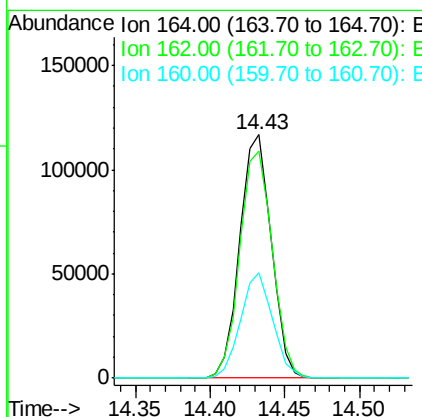
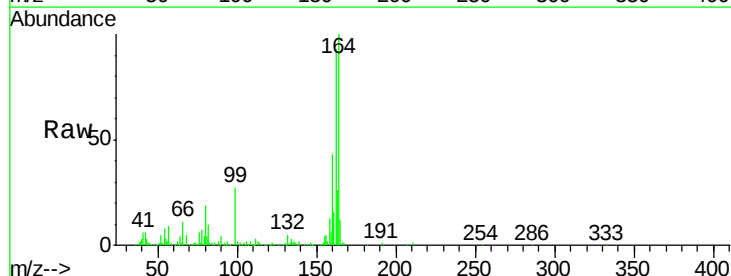
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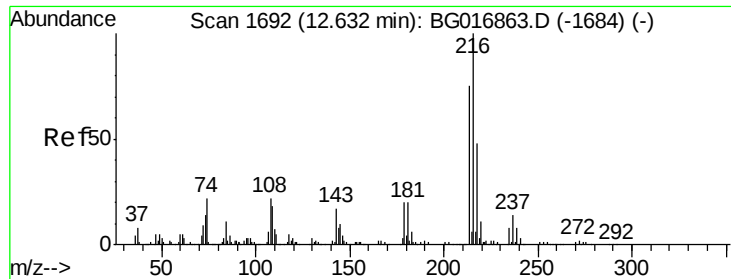
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.43 min Scan# 1999
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	170783		
162	93.2	74.0	111.0	
160	43.4	34.7	52.1	





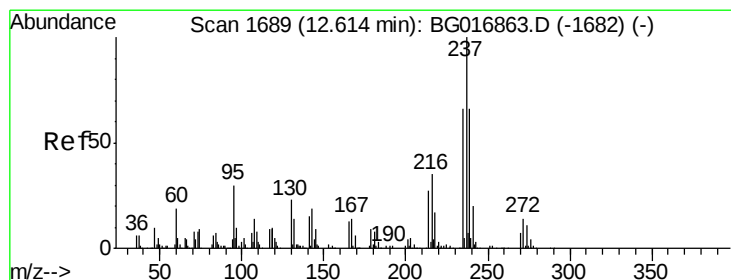
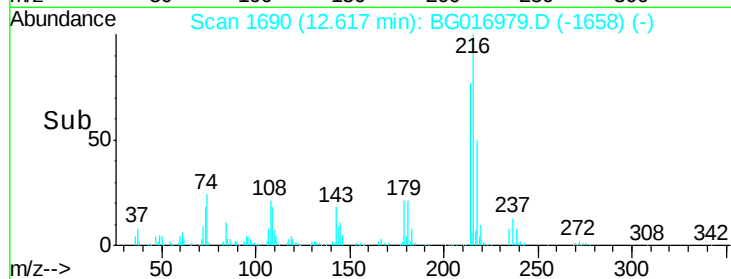
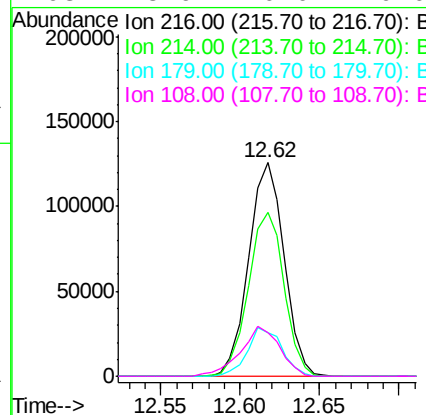
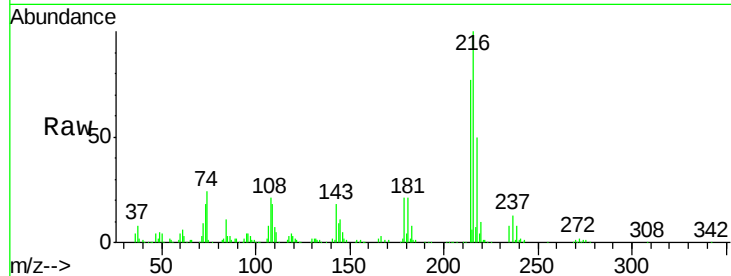
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.33 ng
 RT: 12.62 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	77.2	0.0	0.0#
179	22.4	0.0	0.0#
108	25.9	0.0	0.0#

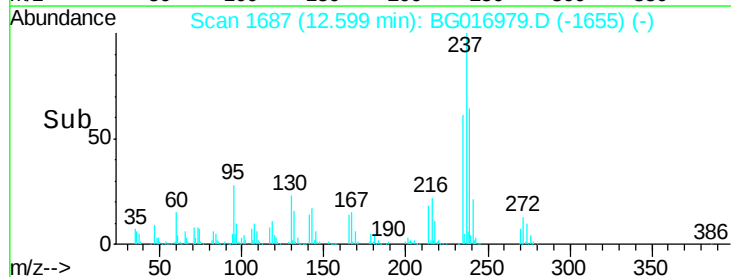
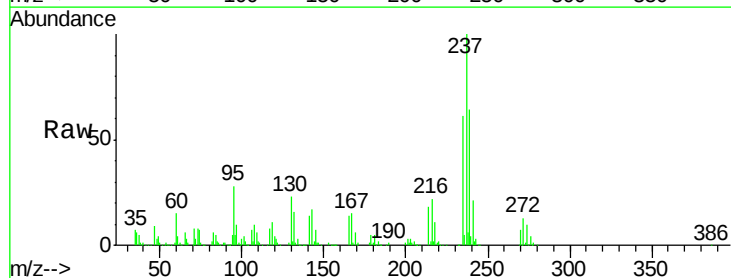
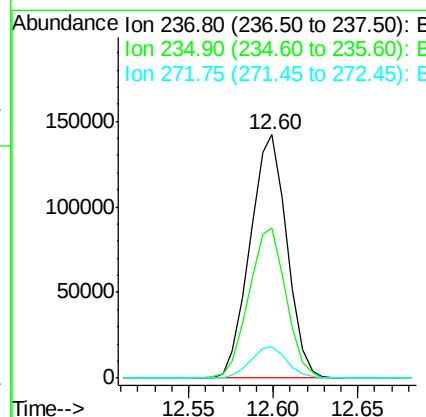
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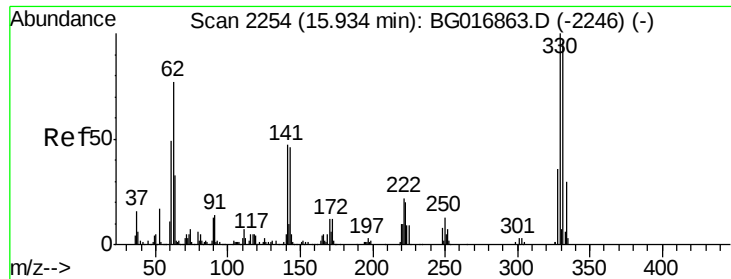
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#40
 Hexachlorocyclopentadiene
 Concen: 72.03 ng
 RT: 12.60 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.5	45.5	85.5
272	12.9	0.0	33.7





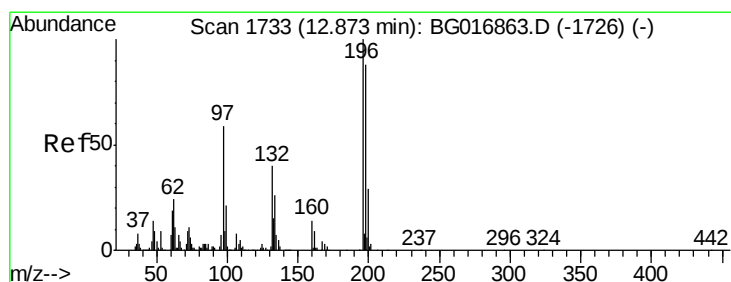
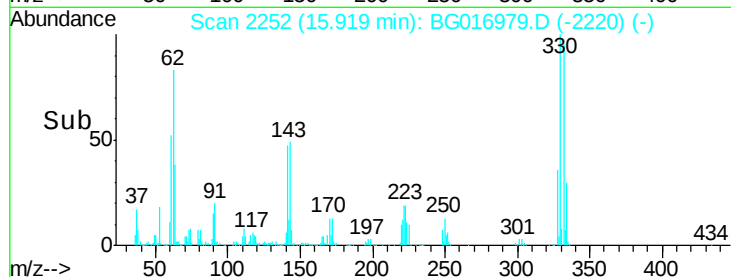
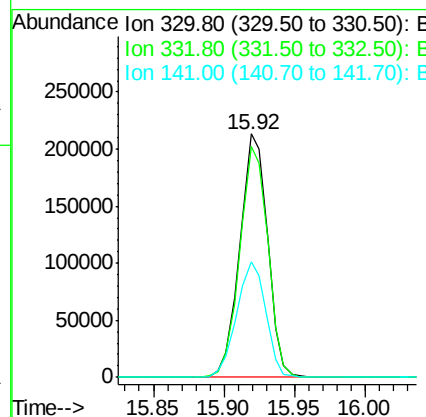
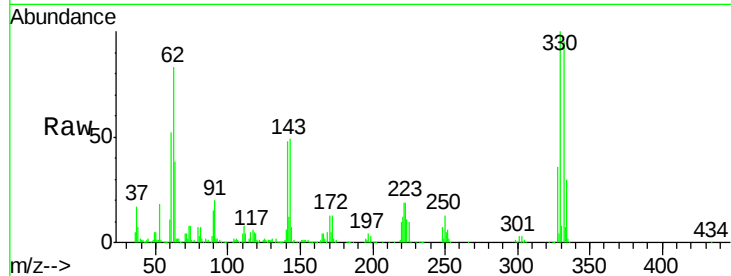
#41
 2,4,6-Tribromophenol
 Concen: 170.70 ng
 RT: 15.92 min Scan# 2252
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	95.8	0.0	0.0#
141	49.9	0.0	0.0#

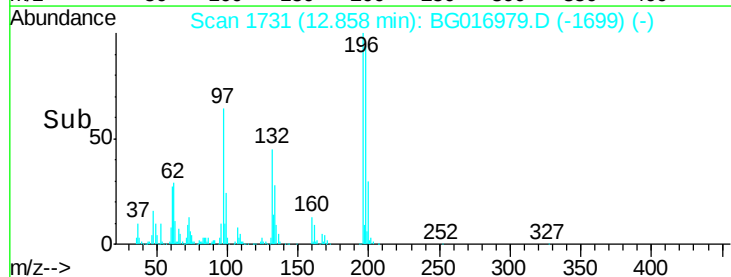
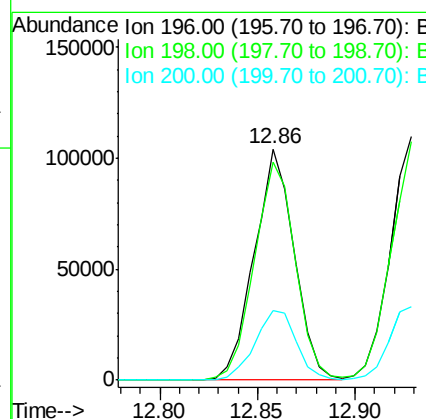
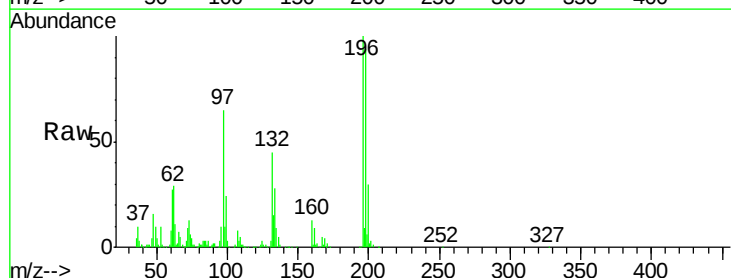
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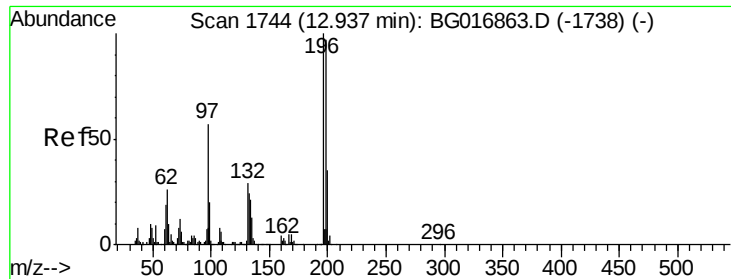
apatel
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#42
 2,4,6-Trichlorophenol
 Concen: 45.19 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
196	100		
198	94.2	70.7	106.1
200	30.2	23.0	34.4





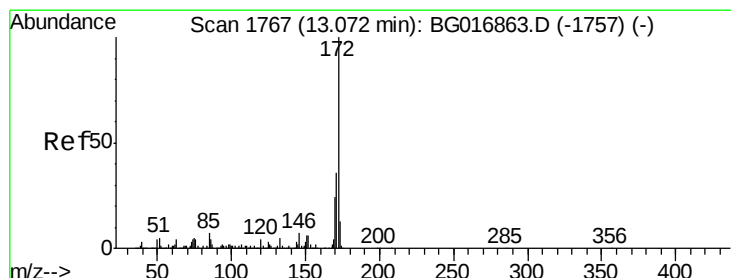
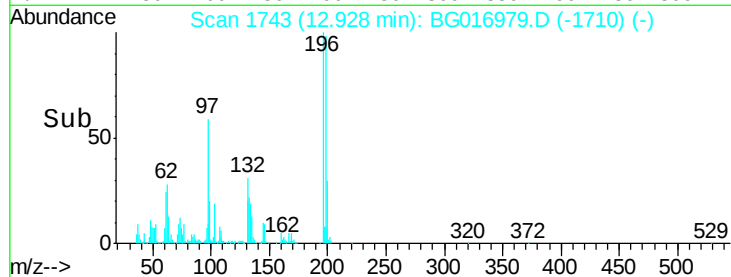
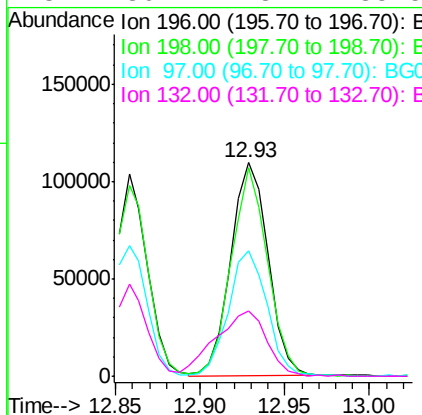
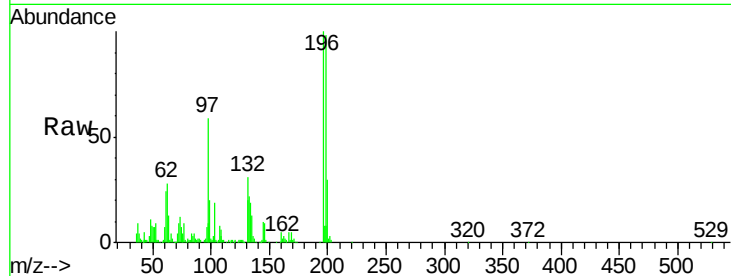
#43
 2,4,5-Trichlorophenol
 Concen: 48.69 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169084		
198	97.7	77.5	116.3	
97	58.7	45.9	68.9	
132	30.7	23.7	35.5	

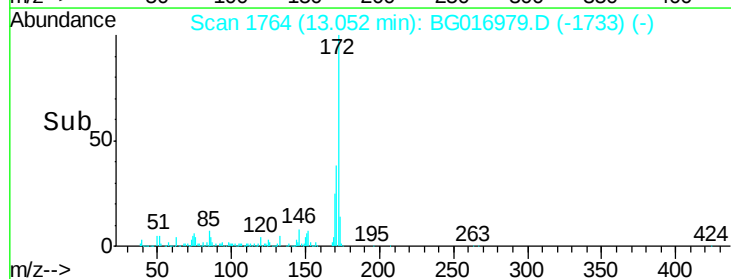
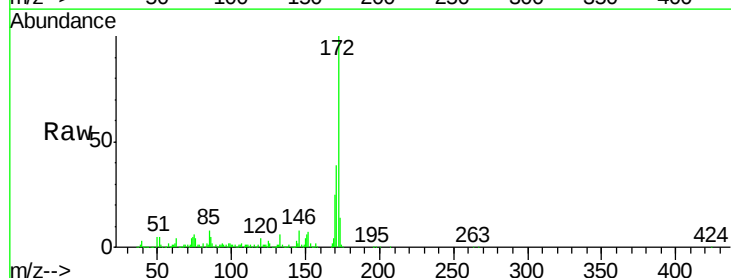
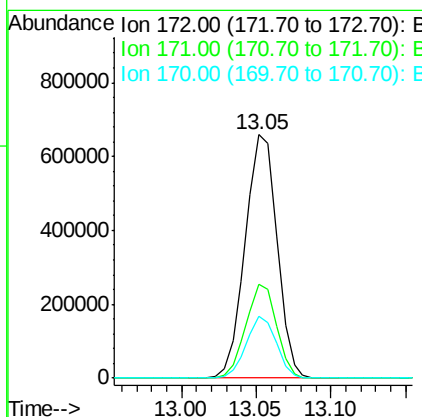
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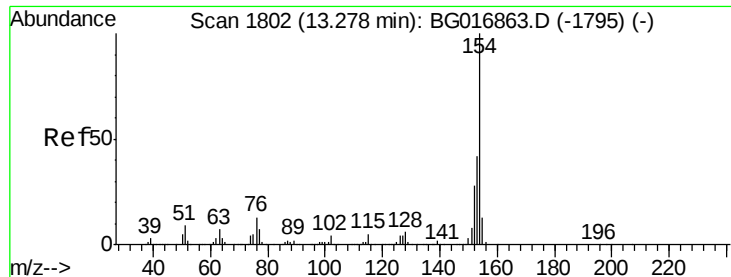
apatel
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#44
 2-Fluorobiphenyl
 Concen: 85.84 ng
 RT: 13.05 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	971455		
171	38.6	29.0	43.4	
170	25.3	19.0	28.4	





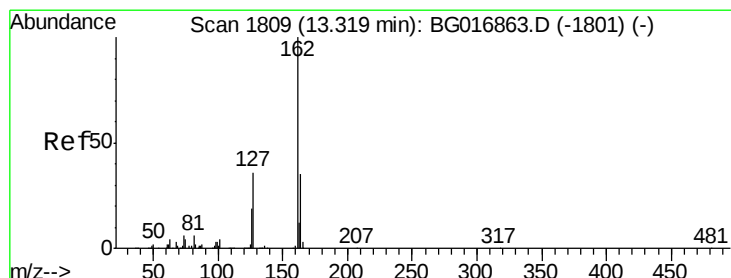
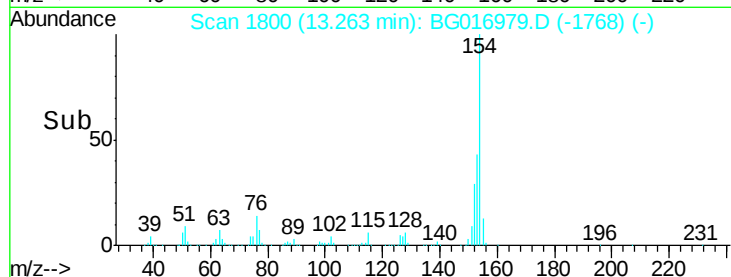
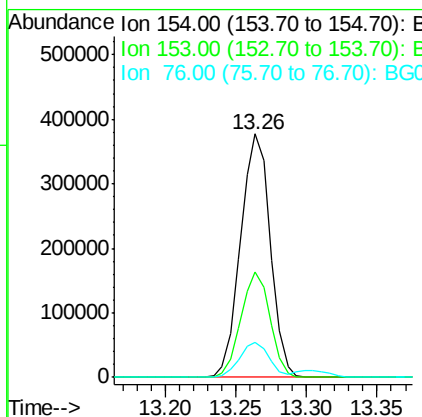
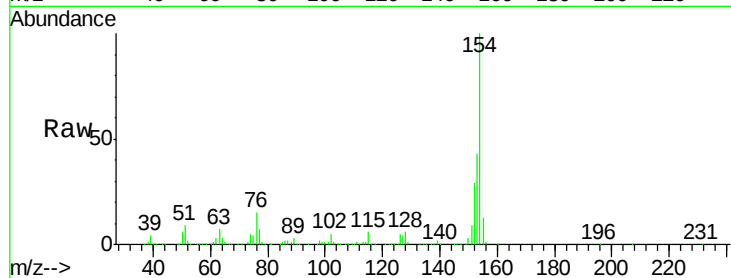
#45
 1,1'-Biphenyl
 Concen: 45.30 ng
 RT: 13.26 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	43.4	22.0	62.0
76	14.6	0.0	33.3

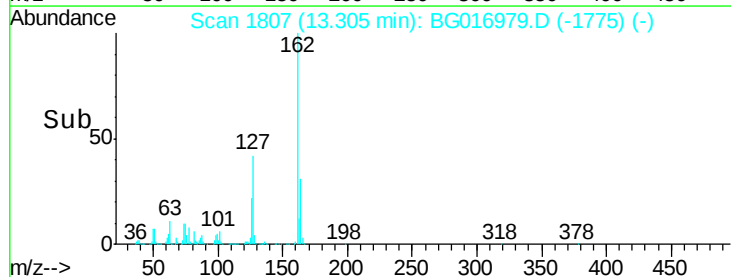
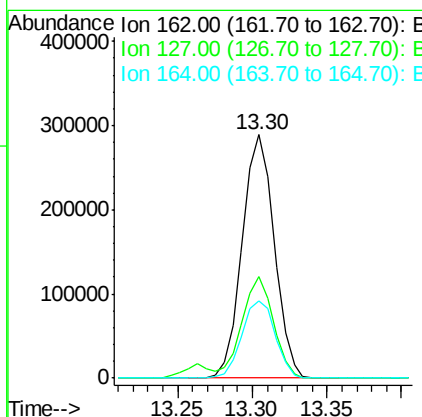
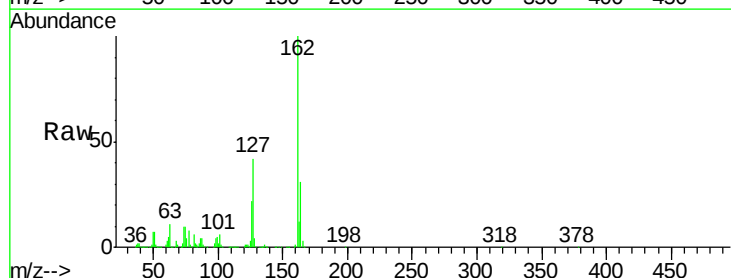
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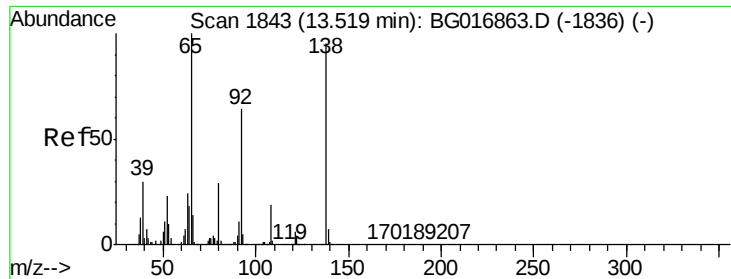
apatel
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#46
 2-Chloronaphthalene
 Concen: 44.35 ng
 RT: 13.30 min Scan# 1807
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	41.5	31.2	46.8
164	31.5	27.8	41.6





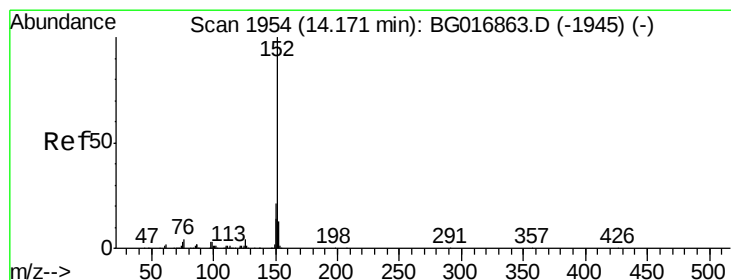
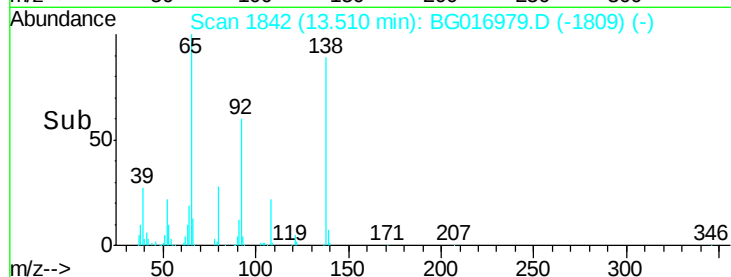
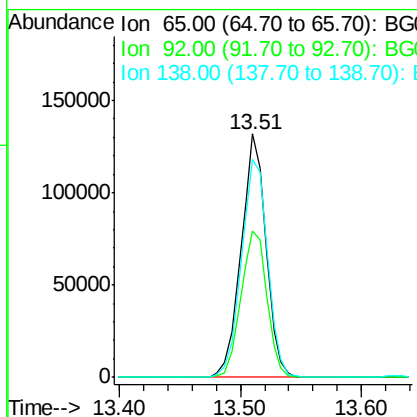
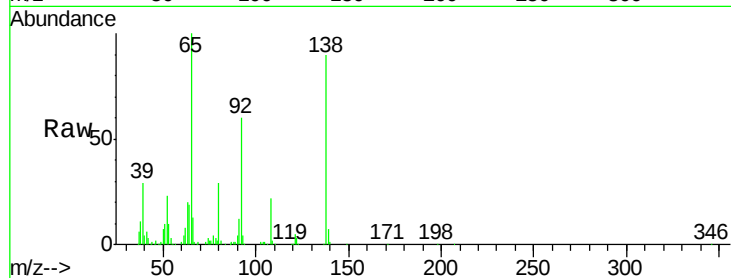
#47
2-Nitroaniline
Concen: 56.27 ng
RT: 13.51 min Scan# 1842
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	60.1	51.0	76.6
138	89.6	76.2	114.2

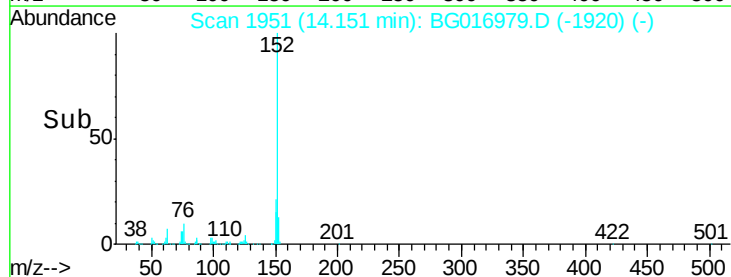
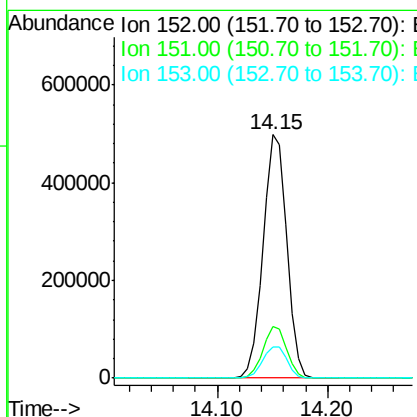
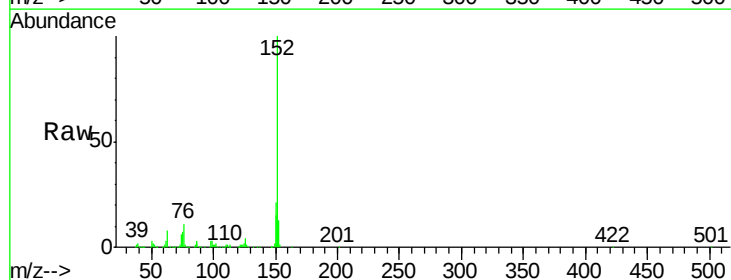
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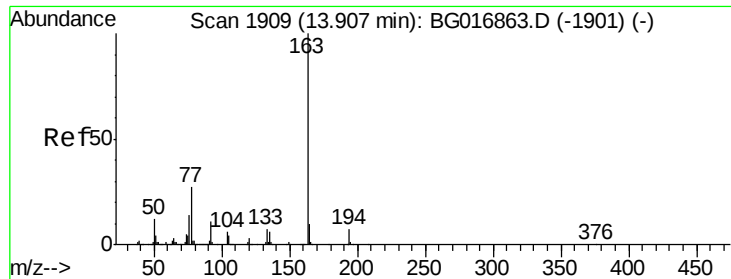
apatel
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#48
Acenaphthylene
Concen: 44.56 ng
RT: 14.15 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
151	21.0	17.0	25.4
153	13.0	10.7	16.1





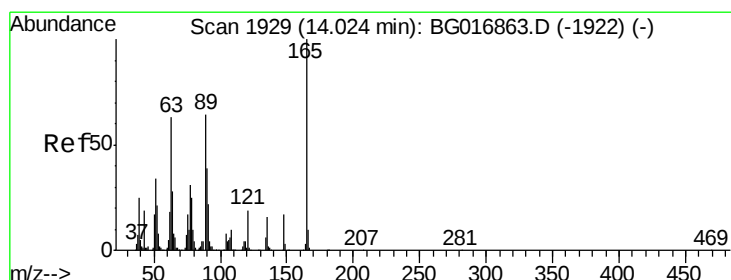
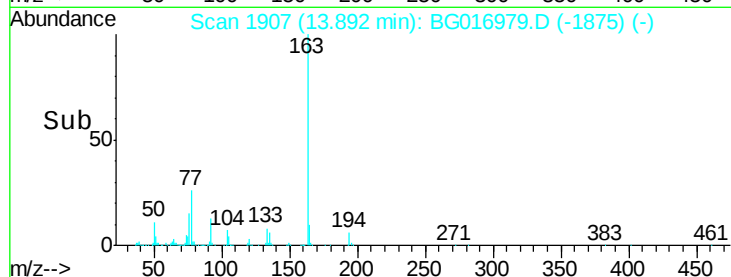
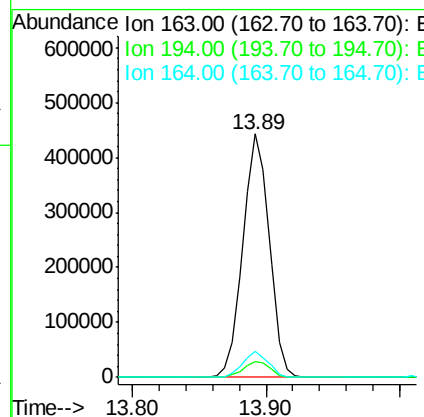
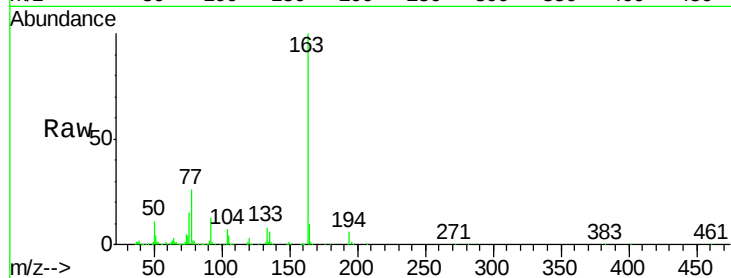
#49
Dimethylphthalate
Concen: 47.43 ng
RT: 13.89 min Scan# 1907
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	6.5	5.2	7.8
164	10.5	8.4	12.6

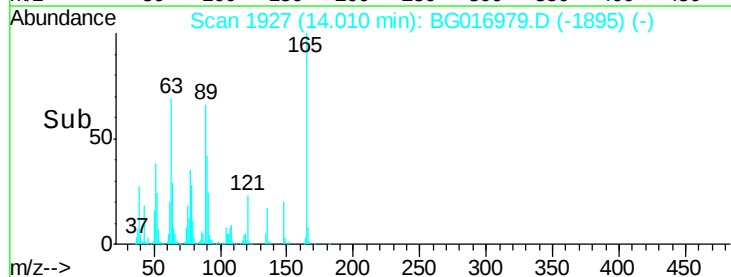
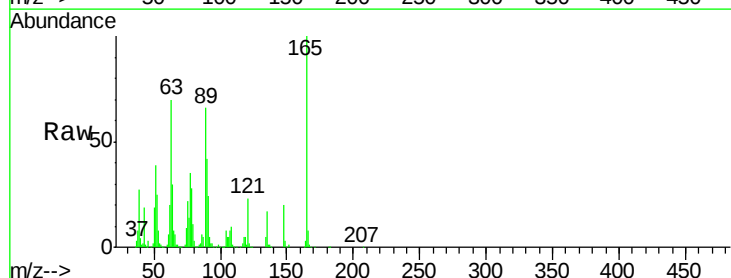
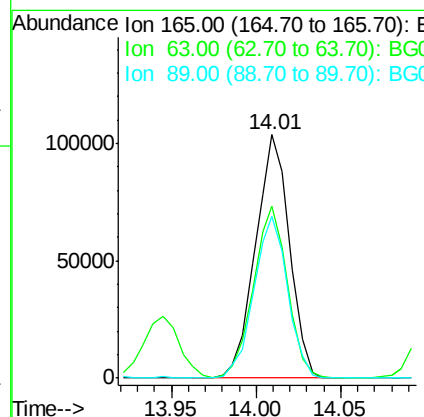
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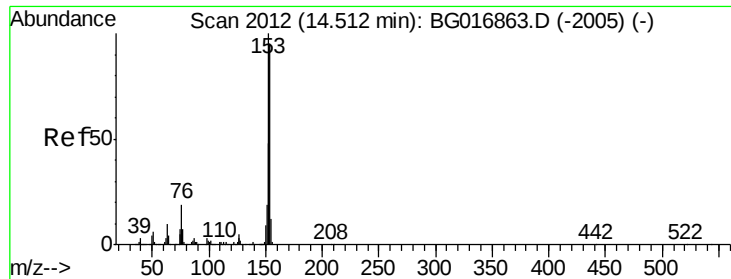
apatel
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#50
2,6-Dinitrotoluene
Concen: 54.42 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	70.5	50.9	76.3
89	66.3	51.4	77.2





#51

Acenaphthene

Concen: 44.73 ng

RT: 14.50 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

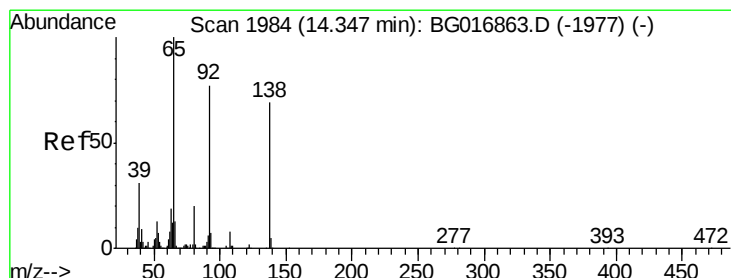
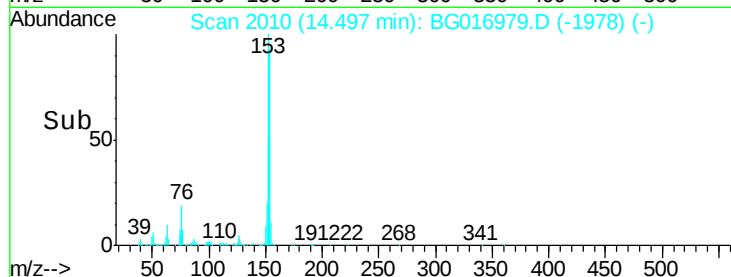
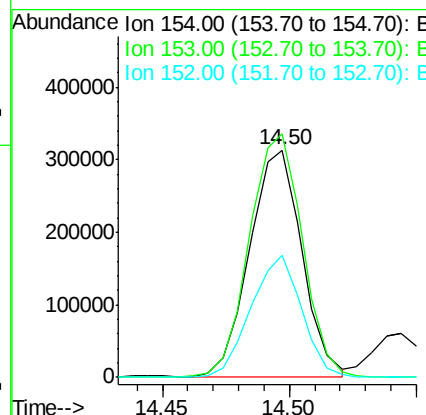
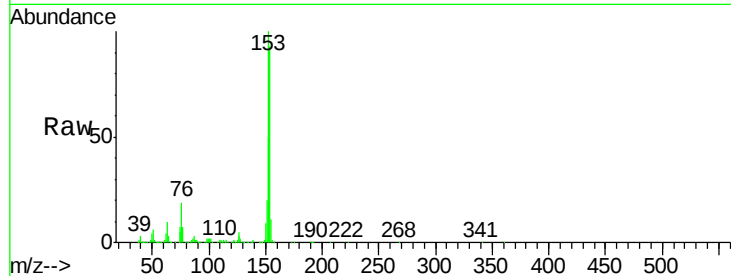
ClientSampleId :

MWHR3-14MS

Tgt Ion:	154	Resp:	449025
Ion Ratio	Lower	Upper	
154	100		
153	107.2	84.2	126.4
152	53.5	40.2	60.2

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#52

3-Nitroaniline

Concen: 20.90 ng

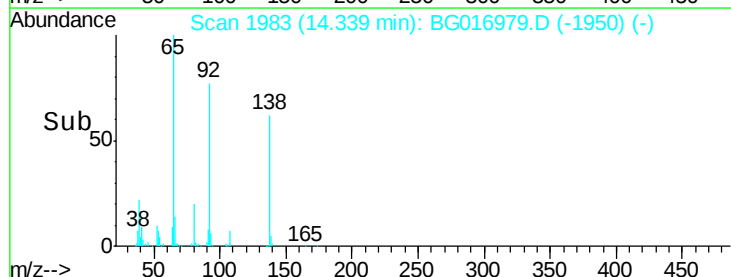
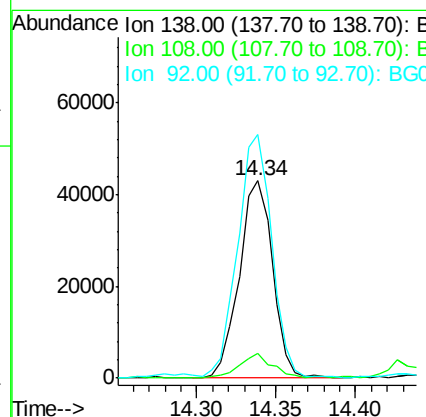
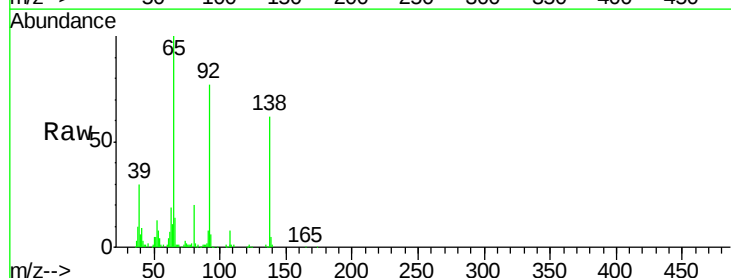
RT: 14.34 min Scan# 1983

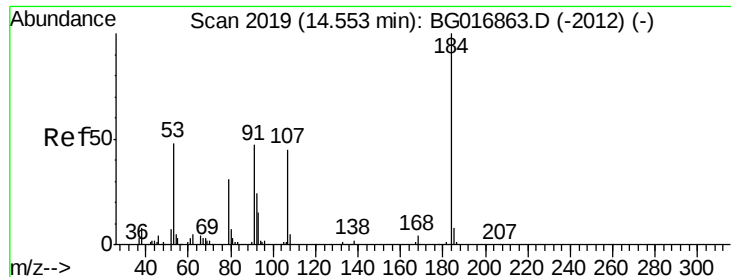
Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	138	Resp:	62965
Ion Ratio	Lower	Upper	
138	100		
108	12.3	9.5	14.3
92	123.4	89.6	134.4





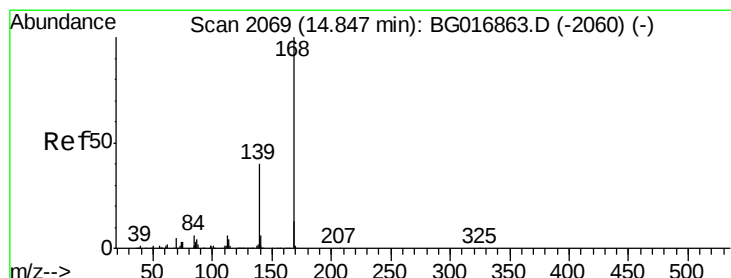
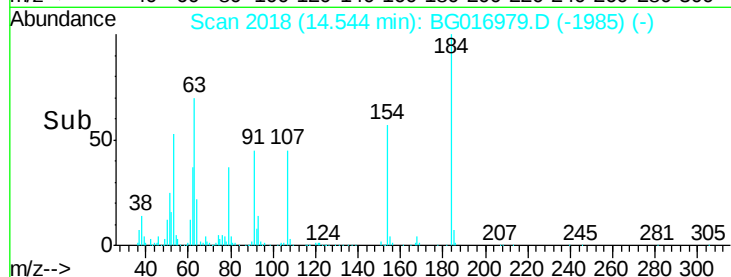
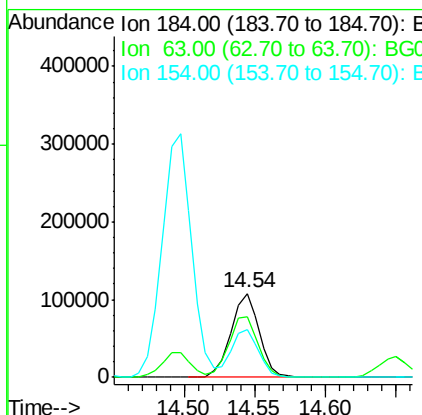
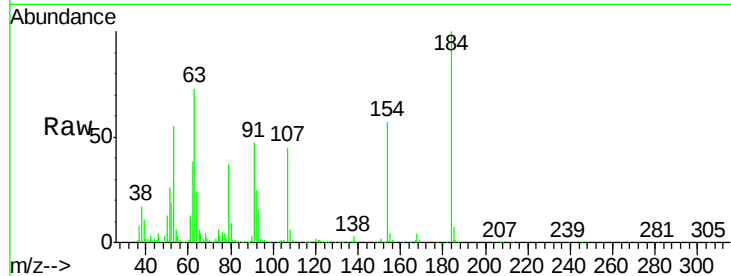
#53
2,4-Dinitrophenol
Concen: 123.25 ng
RT: 14.54 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149264		
63	73.1	53.4	80.0	
154	57.0	41.0	61.6	

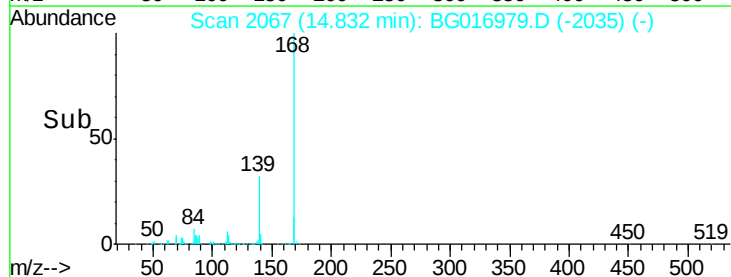
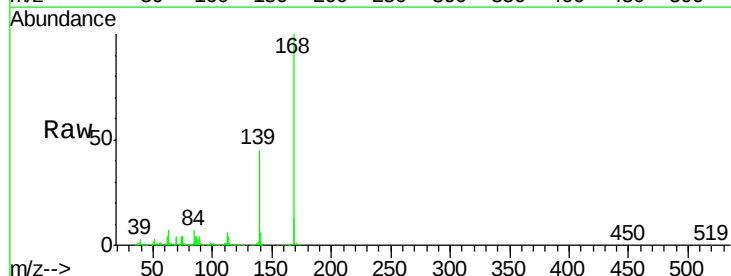
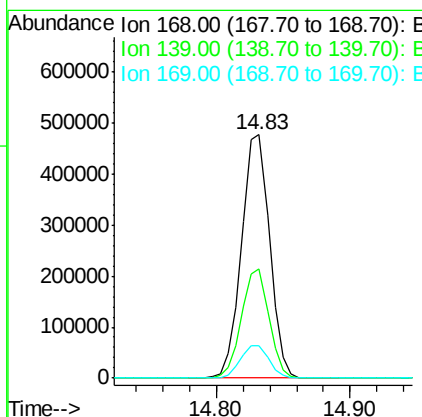
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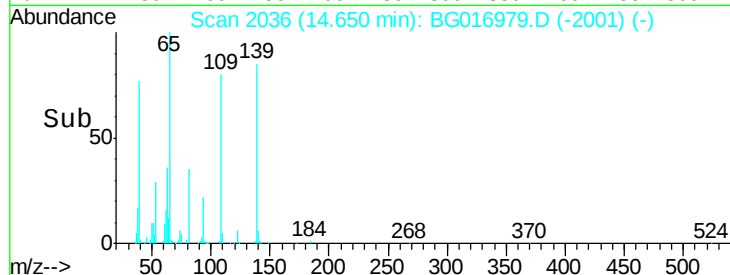
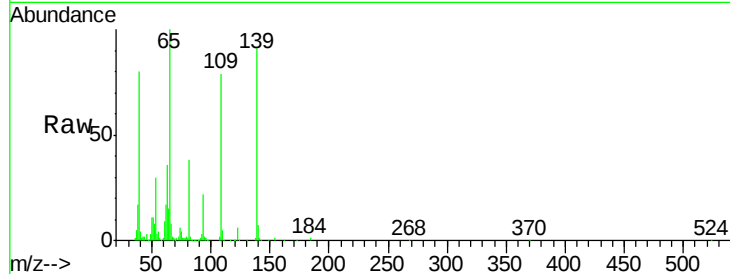
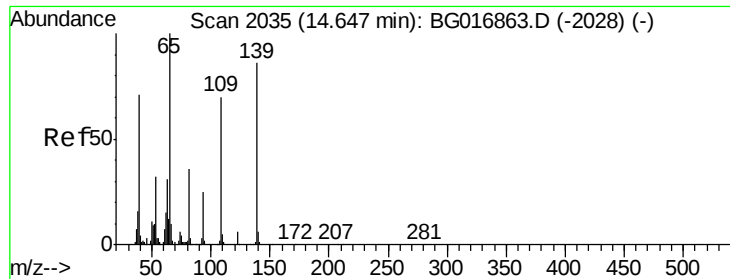
apatel
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#54
Dibenzofuran
Concen: 48.49 ng
RT: 14.83 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	691156		
139	44.7	32.5	48.7	
169	13.1	10.4	15.6	





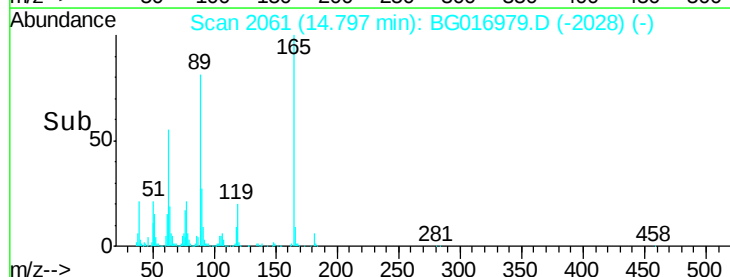
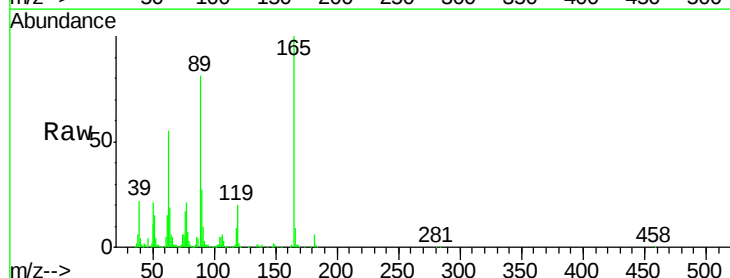
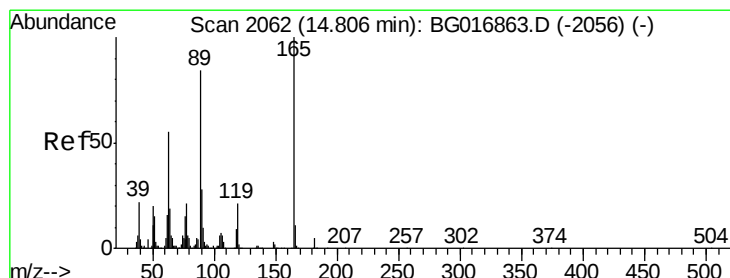
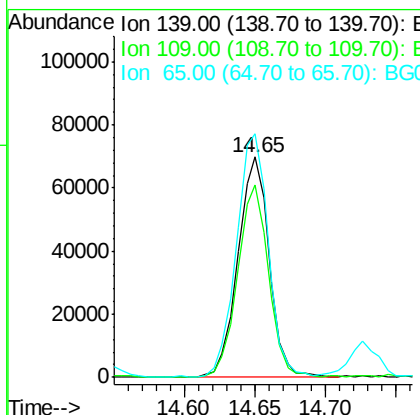
#55
4-Nitrophenol
Concen: 42.23 ng
RT: 14.65 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	107861		
109	87.4	61.8	101.8	
65	110.4	96.8	136.8	

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

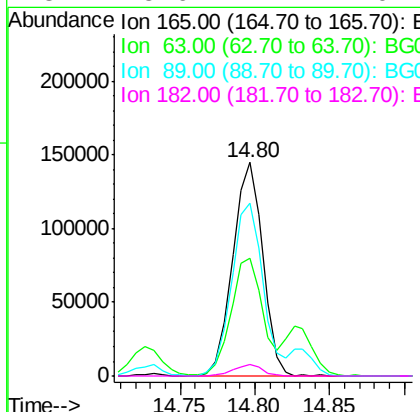
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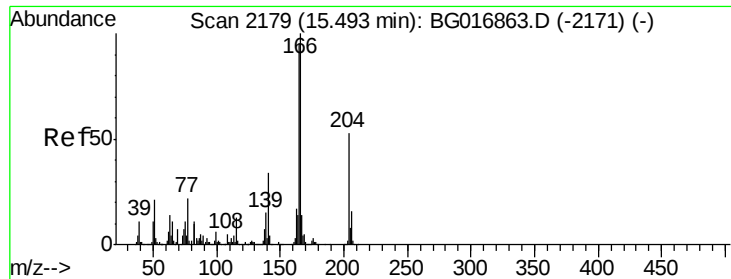
apatel
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#56
2,4-Dinitrotoluene
Concen: 60.09 ng
RT: 14.80 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203556		
63	55.0	44.2	66.4	
89	80.7	67.2	100.8	
182	5.6	4.2	6.4	





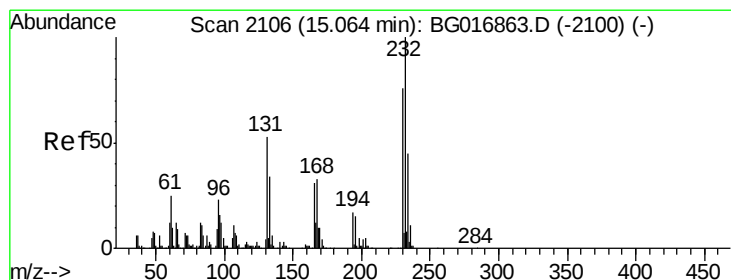
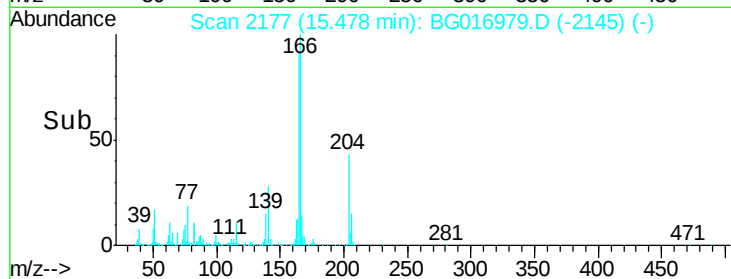
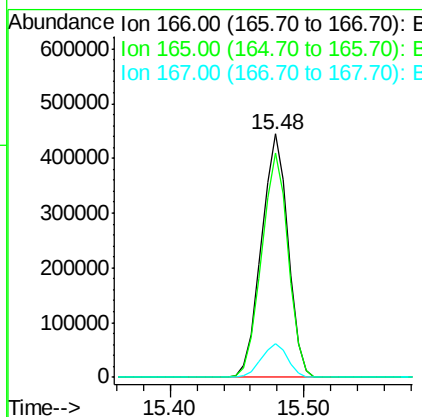
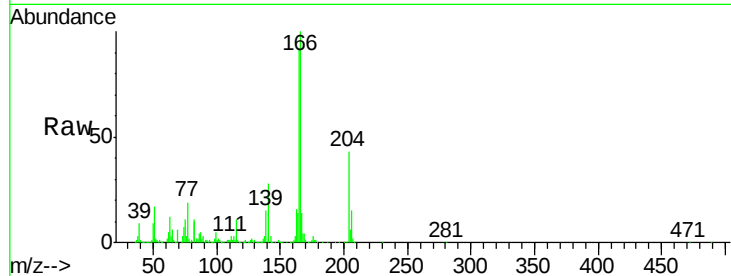
#57
Fluorene
 Concen: 48.47 ng
 RT: 15.48 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	611636		
165	92.3	76.1	114.1	
167	13.7	11.4	17.2	

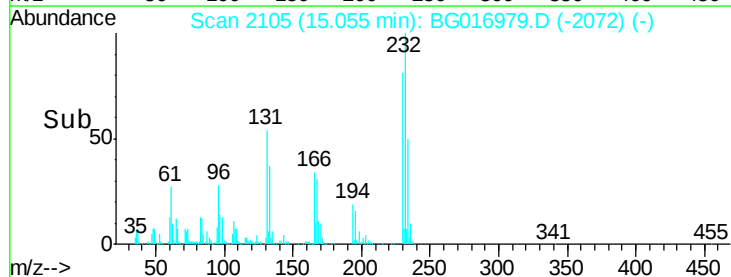
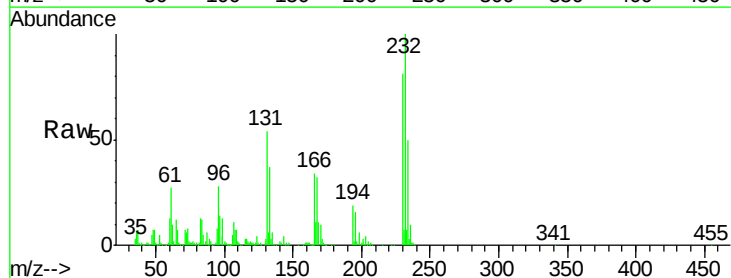
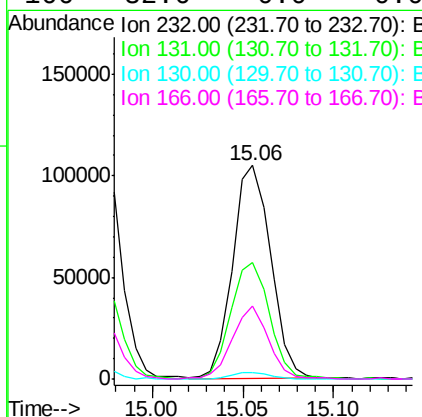
Manual Integrations
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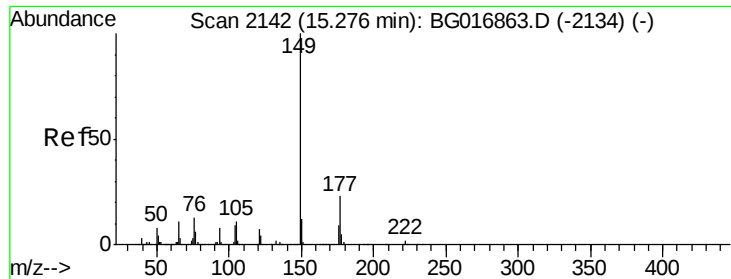
apatel
 5/12/2015 8:30:13 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 51.14 ng
 RT: 15.06 min Scan# 2105
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	153258		
131	55.3	0.1	0.1#	
130	3.2	0.0	0.0#	
166	32.6	0.0	0.0#	





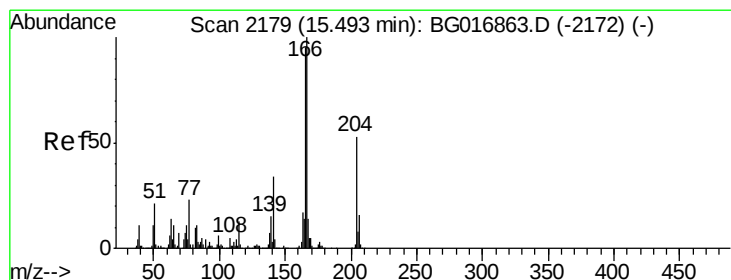
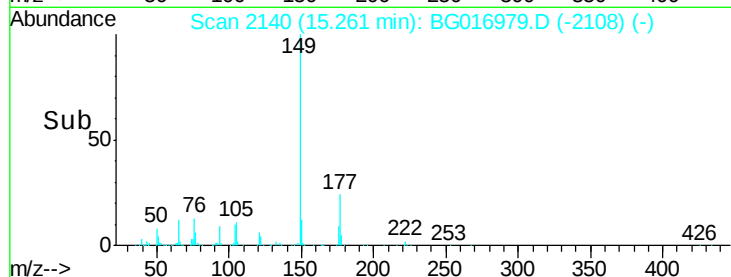
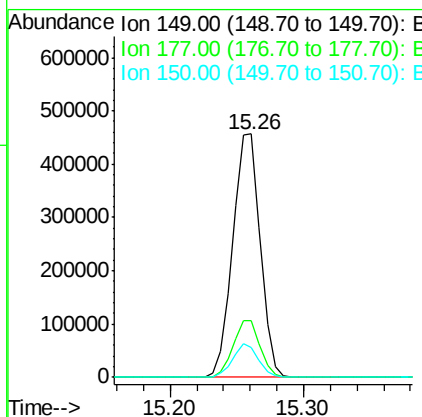
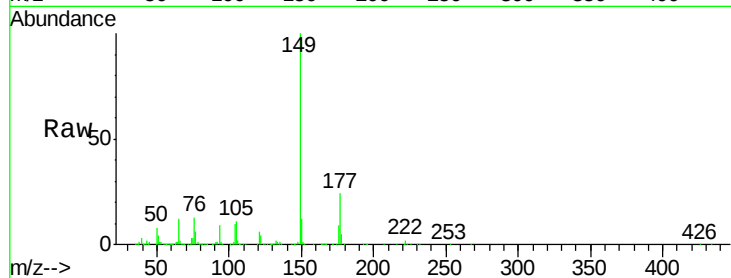
#59
Diethylphthalate
Concen: 48.76 ng
RT: 15.26 min Scan# 2140
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	656393		
177	23.6	18.6	27.8	
150	12.1	9.8	14.8	

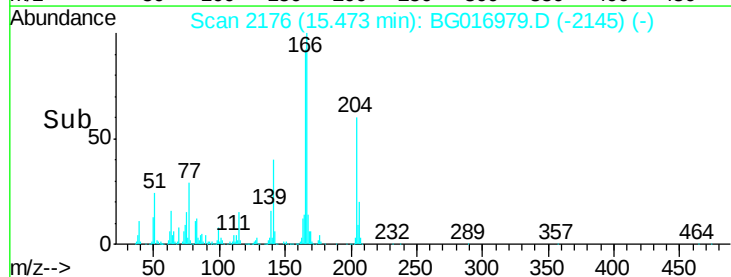
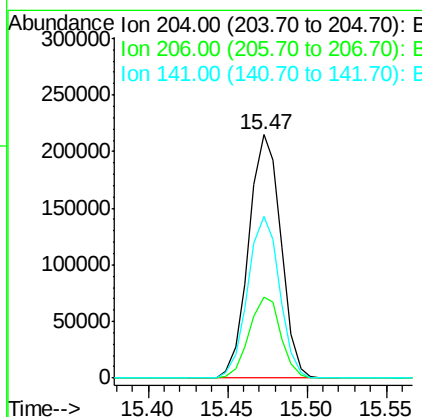
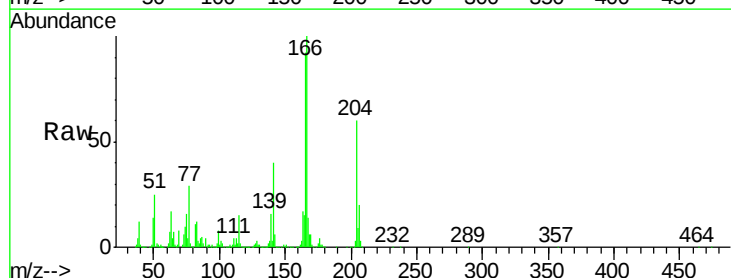
Manual Integrations
APPROVED

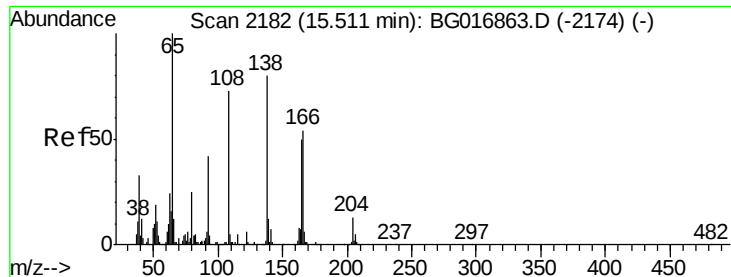
apatel
5/12/2015 8:30:13 AM



#60
4-Chlorophenyl-phenylether
Concen: 47.83 ng
RT: 15.47 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	303224		
206	33.2	24.8	37.2	
141	66.4	52.4	78.6	





#61

4-Nitroaniline

Concen: 45.05 ng

RT: 15.50 min Scan# 2181

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

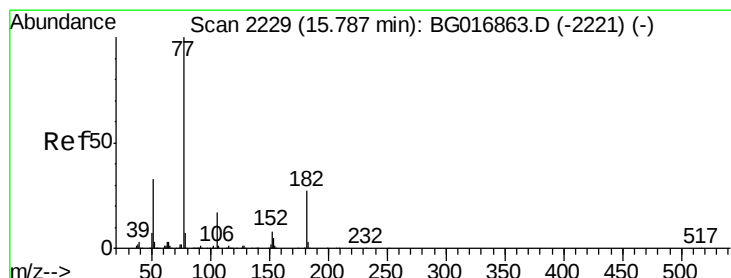
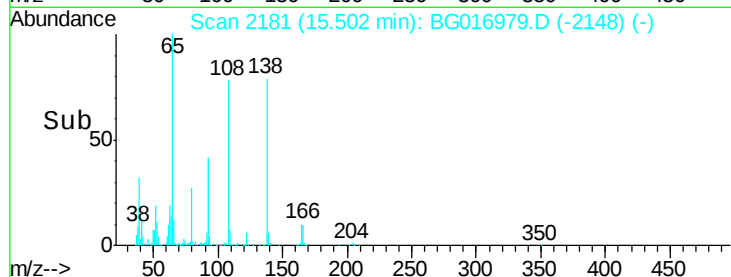
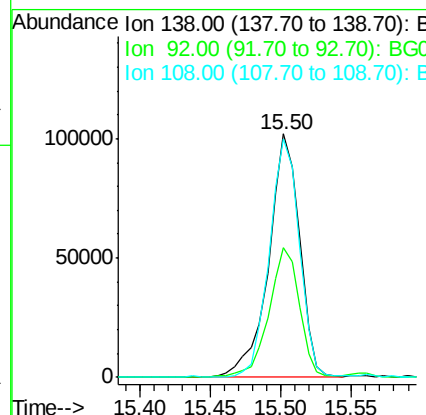
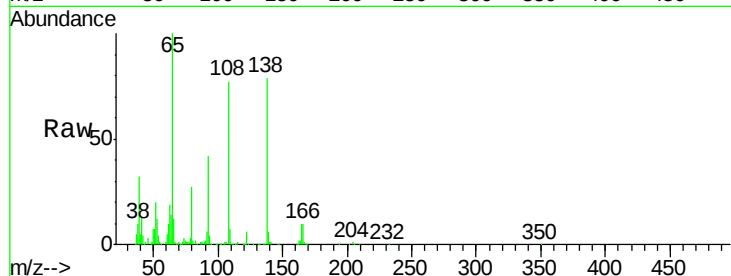
ClientSampleId :

MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	157314		
92	53.1	31.8	71.8	
108	97.7	70.6	110.6	

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#62

Azobenzene

Concen: 50.89 ng

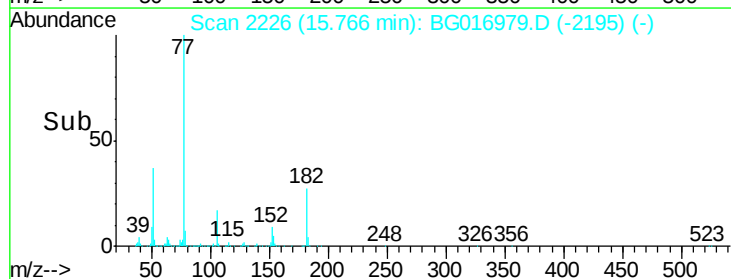
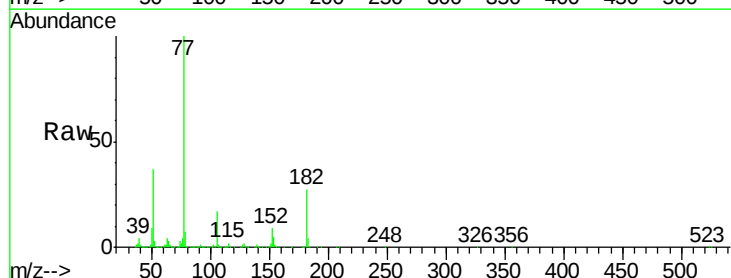
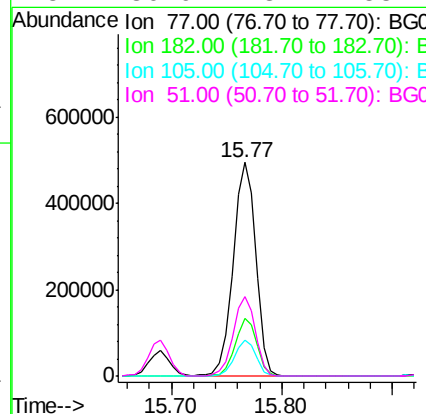
RT: 15.77 min Scan# 2226

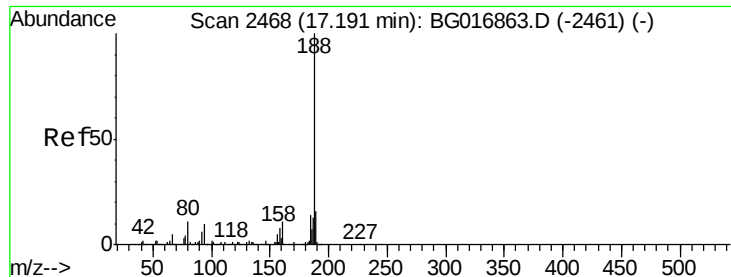
Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	709550		
182	26.8	7.4	47.4	
105	16.9	0.0	36.6	
51	36.9	13.4	53.4	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.18 min Scan# 2466

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

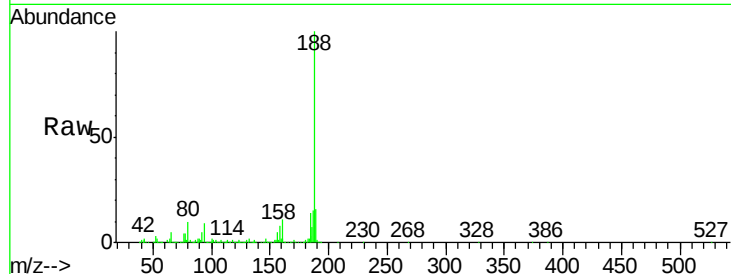
ClientSampleId :

MWHR3-14MS

Tgt	Ion:188	Resp:	398121
Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	10.4	8.8	13.2

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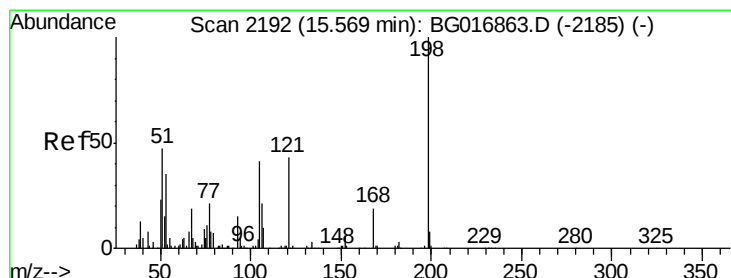
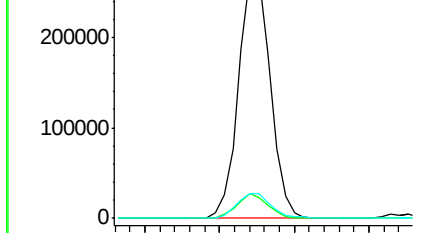
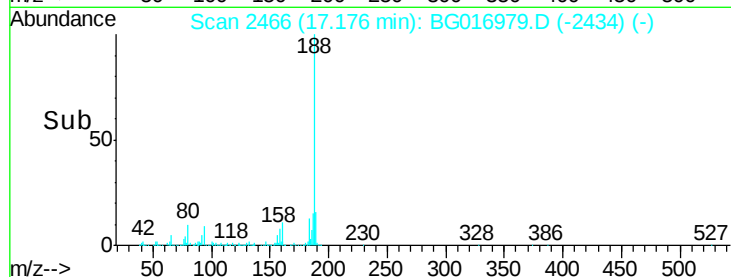


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 54.01 ng

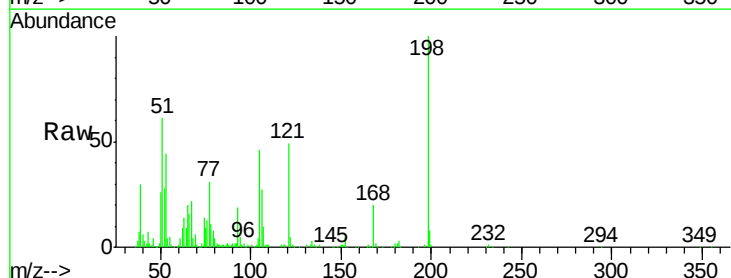
RT: 15.55 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt	Ion:198	Resp:	106609
Ion	Ratio	Lower	Upper
198	100		
51	61.4	31.2	71.2
105	46.0	22.0	62.0

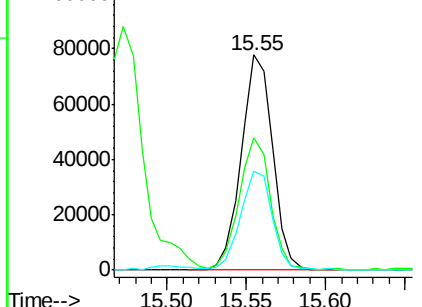
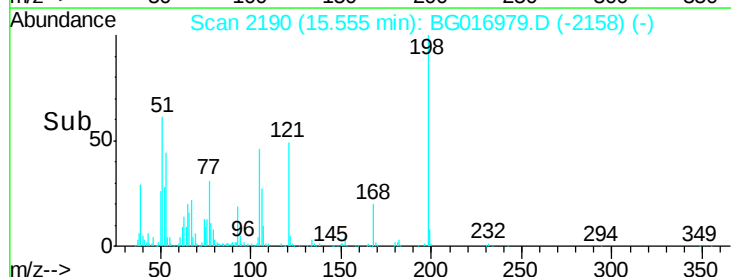


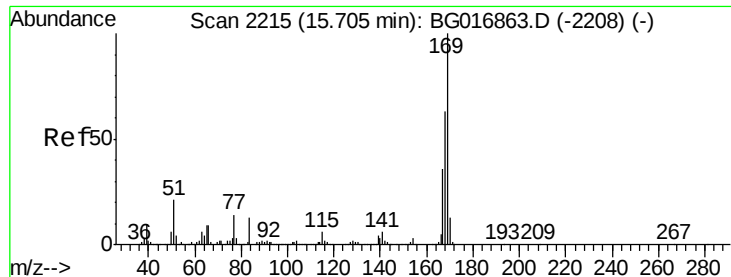
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

Time-->





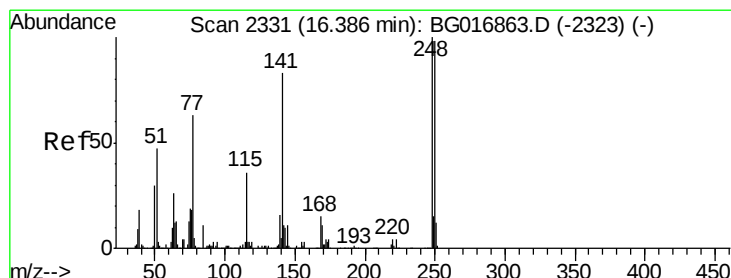
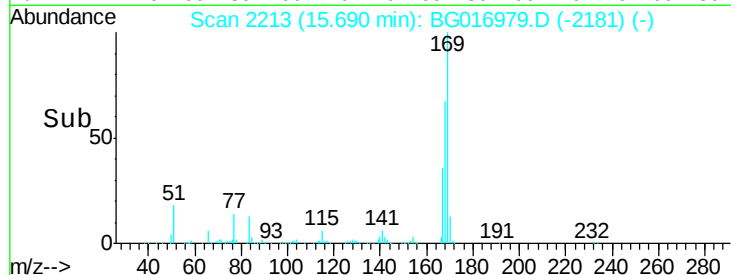
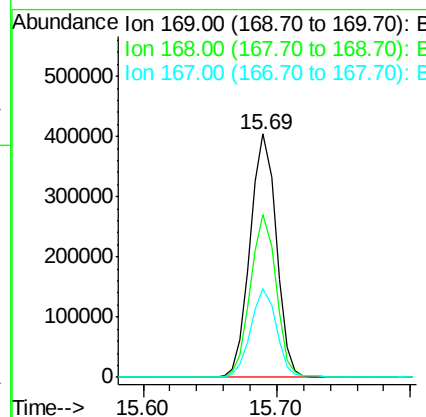
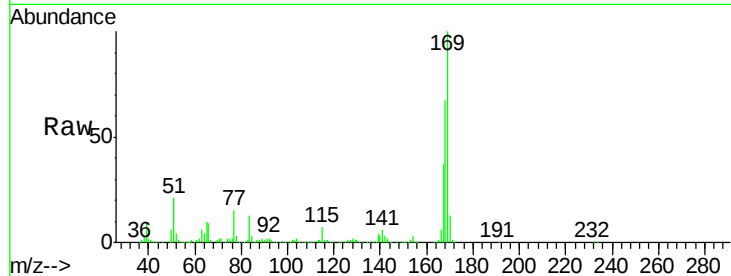
#65
 n-Nitrosodiphenylamine
 Concen: 44.77 ng
 RT: 15.69 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	544037		
168	66.9	50.6	76.0	
167	36.6	29.0	43.4	

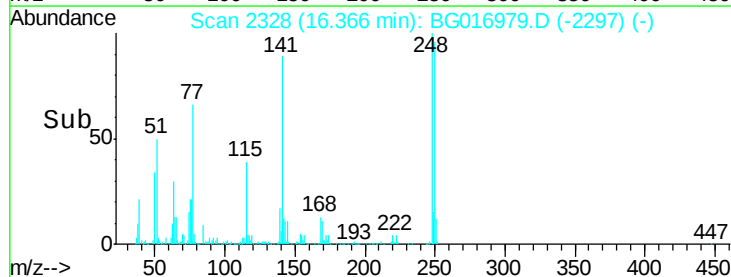
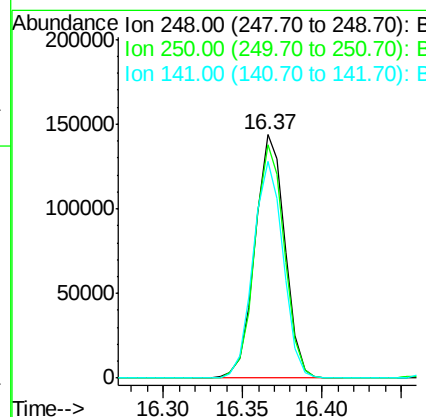
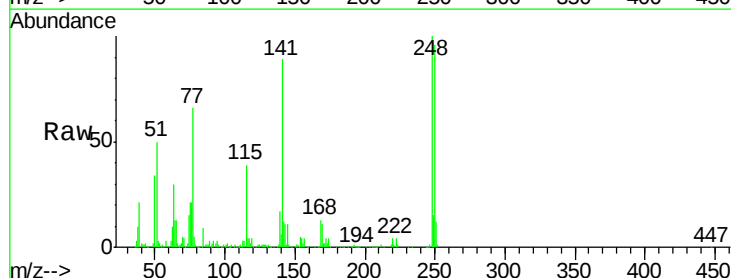
Manual Integrations
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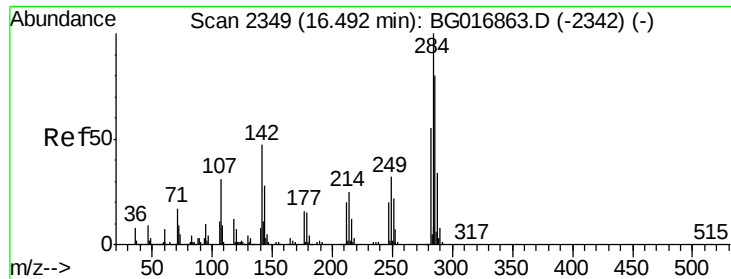
apatel
 5/12/2015 8:30:13 AM



#66
 4-Bromophenyl-phenylether
 Concen: 47.15 ng
 RT: 16.37 min Scan# 2328
 Delta R.T. -0.02 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	188394		
250	95.7	78.6	117.8	
141	89.0	66.3	99.5	





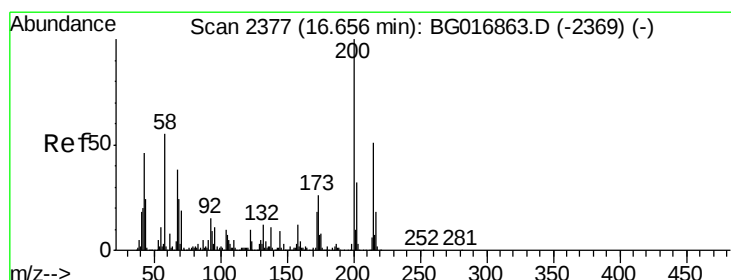
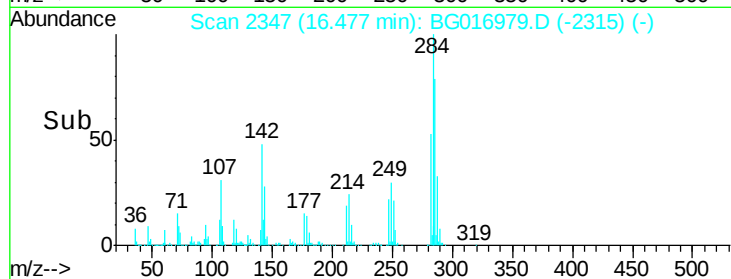
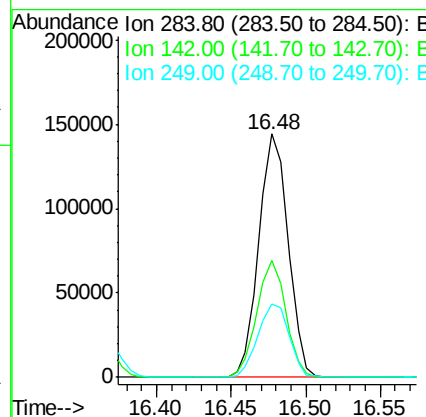
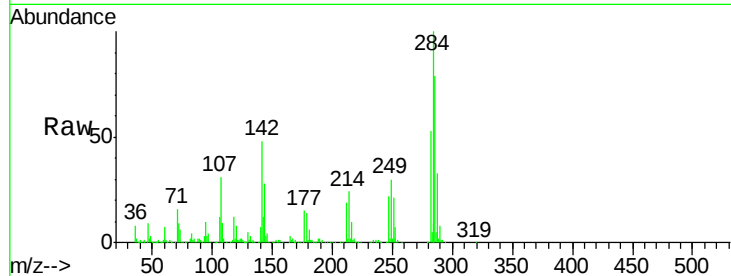
#67
Hexachlorobenzene
Concen: 46.36 ng
RT: 16.48 min Scan# 2347
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	48.0	37.4	56.0
249	29.9	25.5	38.3

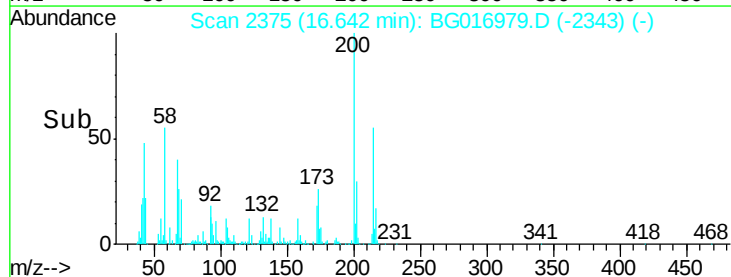
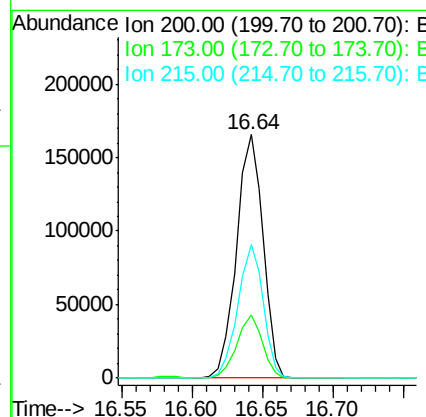
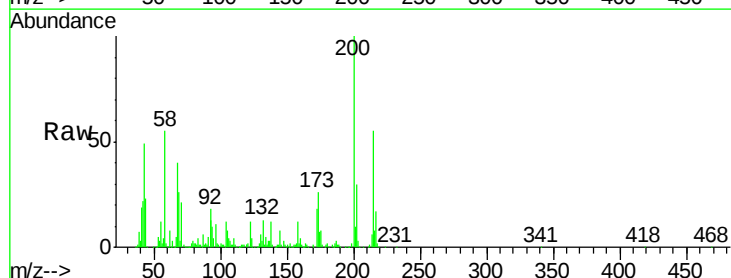
Manual Integrations
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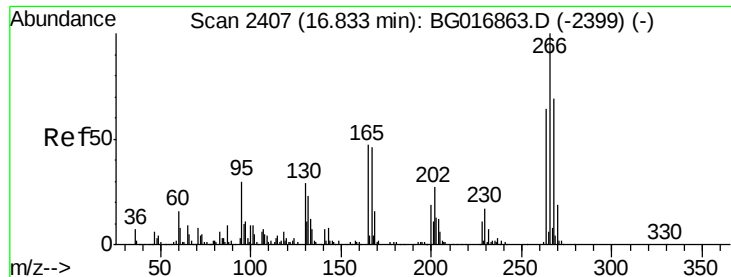
apatel
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#68
Atrazine
Concen: 49.46 ng
RT: 16.64 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.1	6.1	46.1
215	54.9	30.8	70.8





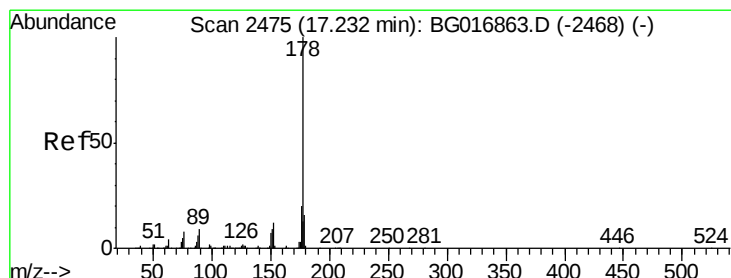
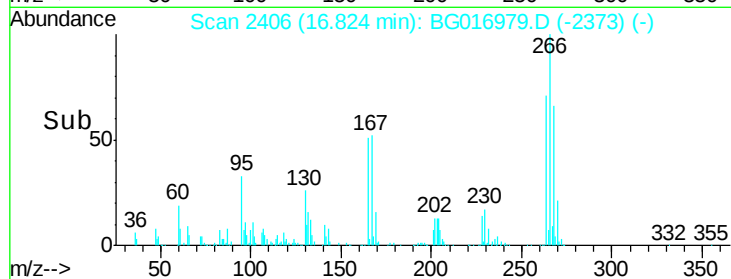
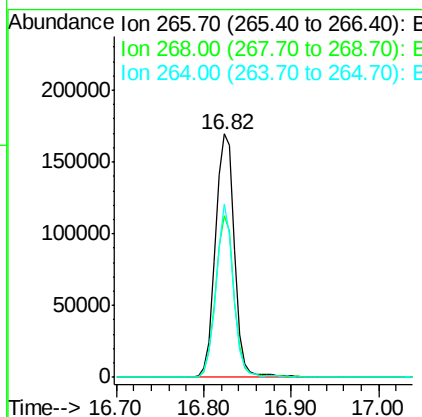
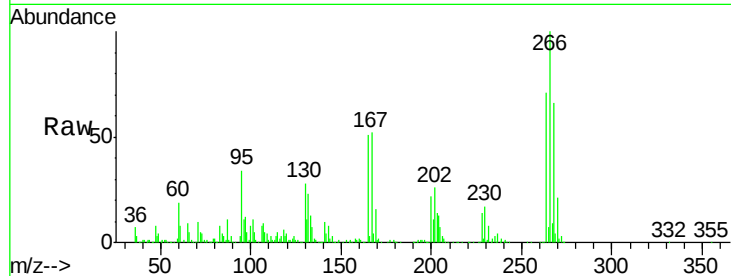
#69
 Pentachlorophenol
 Concen: 94.54 ng
 RT: 16.82 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	258659		
268	66.5	55.2	82.8	
264	70.9	51.4	77.0	

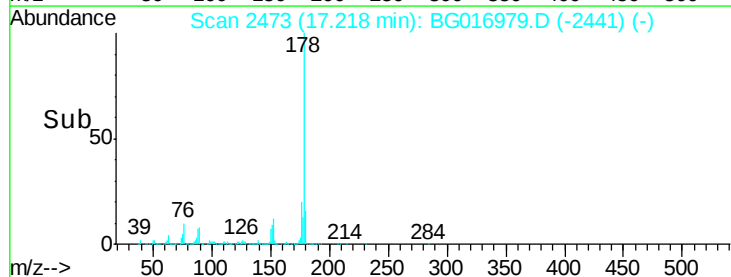
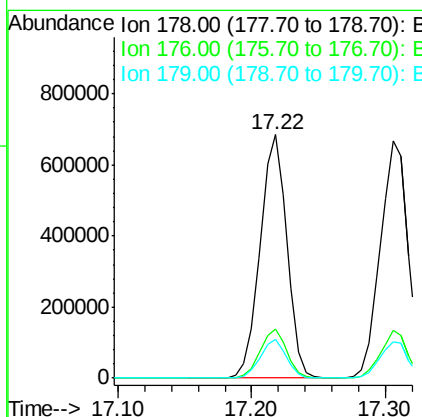
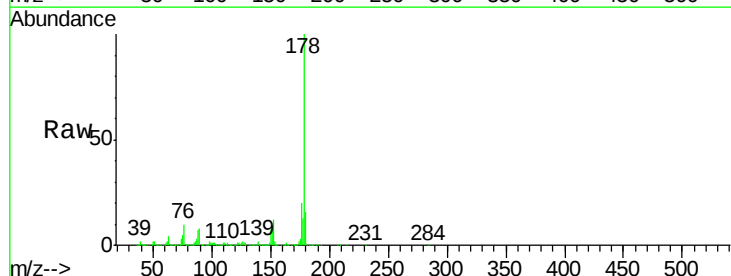
Manual Integrations
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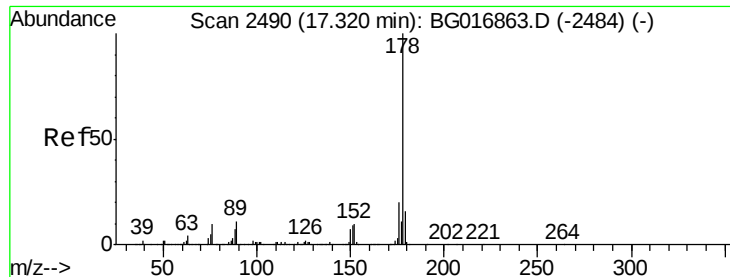
apatel
 5/12/2015 8:30:13 AM



#70
 Phenanthrene
 Concen: 46.06 ng
 RT: 17.22 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	943719		
176	20.0	16.0	24.0	
179	15.9	13.0	19.6	





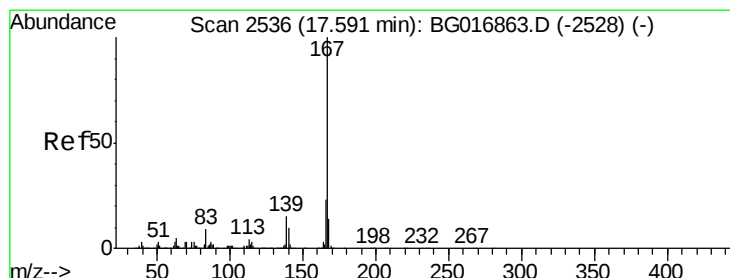
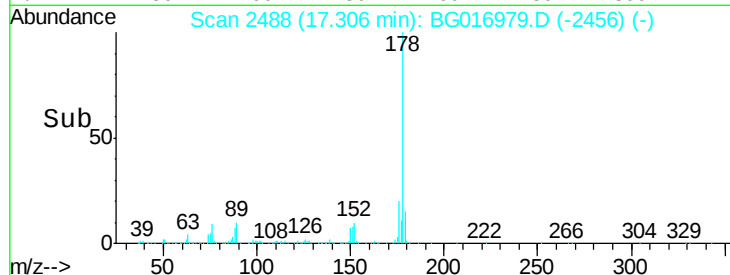
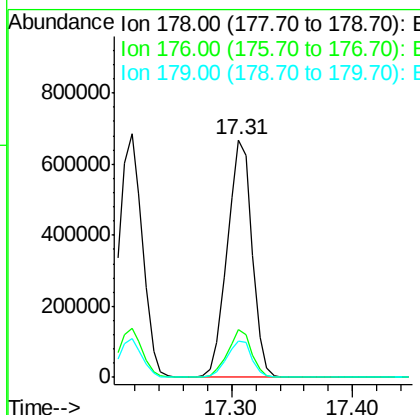
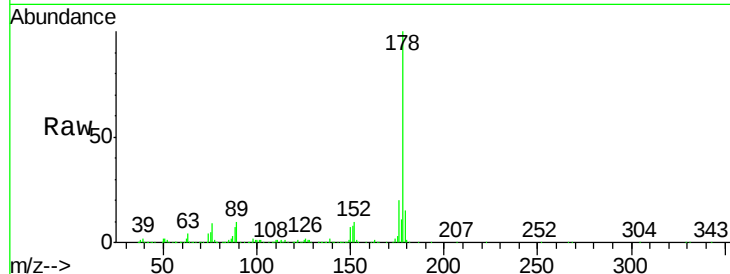
#71
 Anthracene
 Concen: 46.05 ng
 RT: 17.31 min Scan# 2488
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	951909		
176	20.1	16.2	24.4	
179	15.4	13.1	19.7	

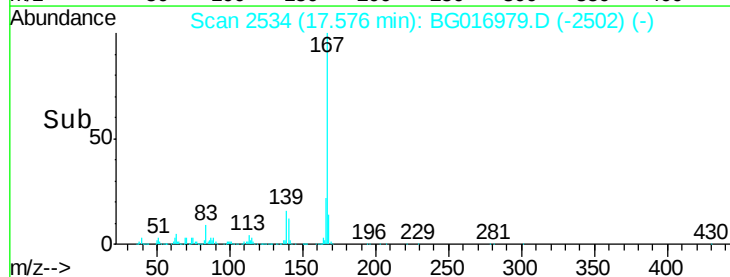
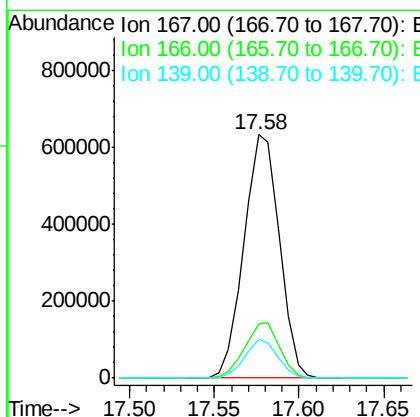
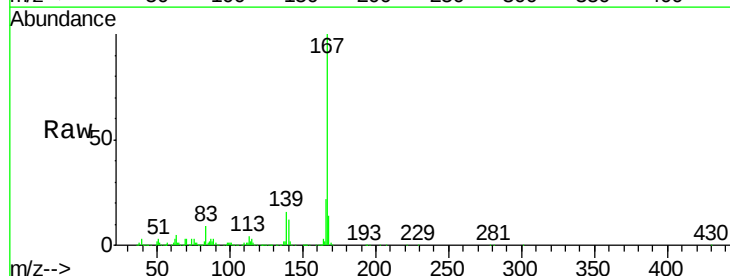
Manual Integrations
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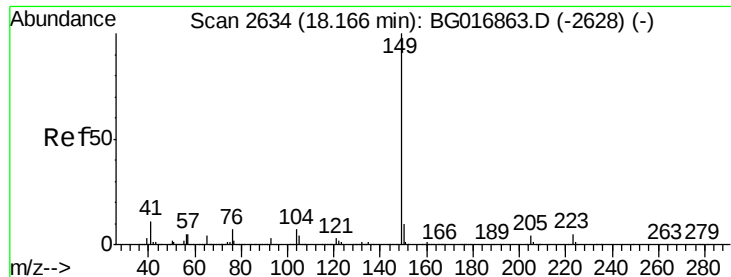
apatel
 5/12/2015 8:30:13 AM



#72
 Carbazole
 Concen: 47.14 ng
 RT: 17.58 min Scan# 2534
 Delta R.T. -0.01 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	926270		
166	22.5	18.4	27.6	
139	15.7	12.2	18.4	





#73

Di-n-butylphthalate

Concen: 46.05 ng

RT: 18.15 min Scan# 2631

Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

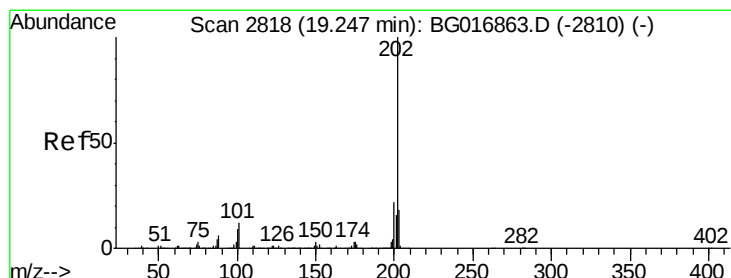
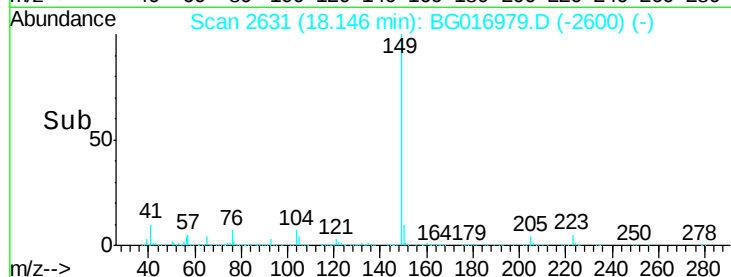
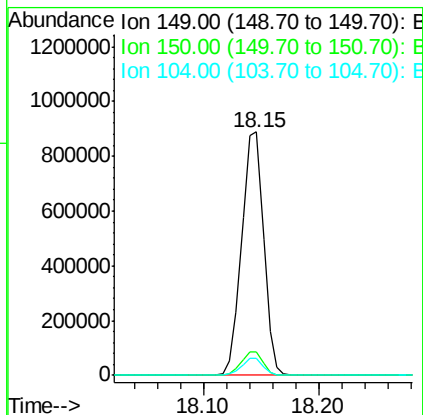
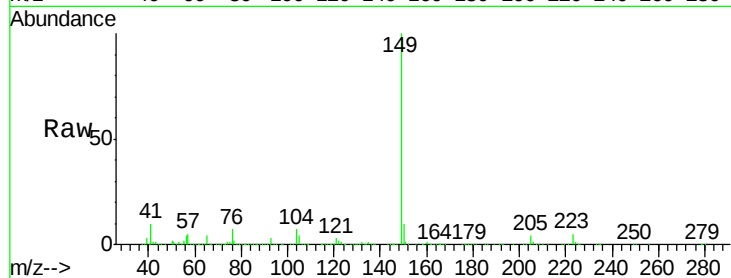
ClientSampleId :

MWHR3-14MS

Tgt Ion:	149	Resp:	1173152
Ion Ratio	Lower	Upper	
149	100		
150	9.6	7.7	11.5
104	7.1	5.4	8.0

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#74

Fluoranthene

Concen: 45.57 ng

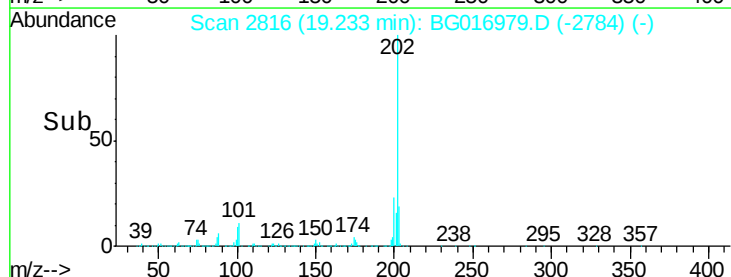
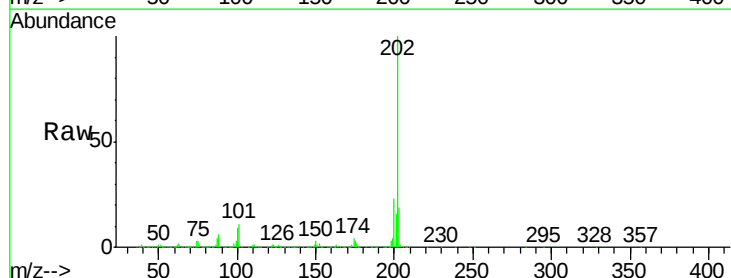
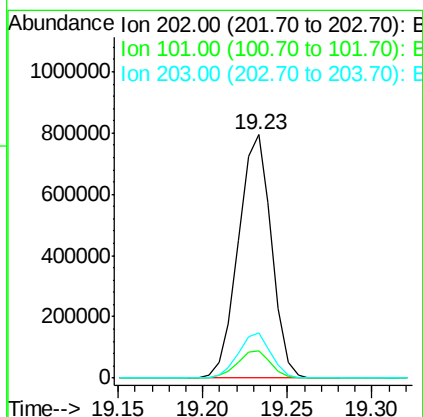
RT: 19.23 min Scan# 2816

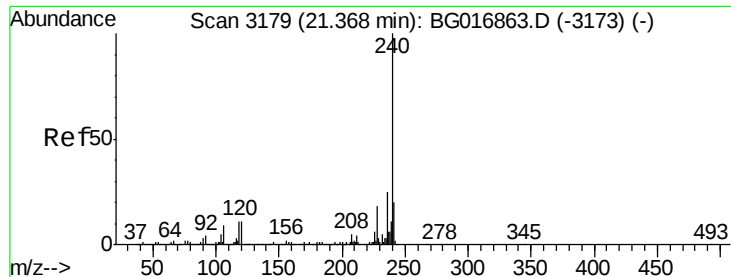
Delta R.T. -0.01 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	202	Resp:	1083215
Ion Ratio	Lower	Upper	
202	100		
101	11.2	0.0	31.5
203	18.6	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: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

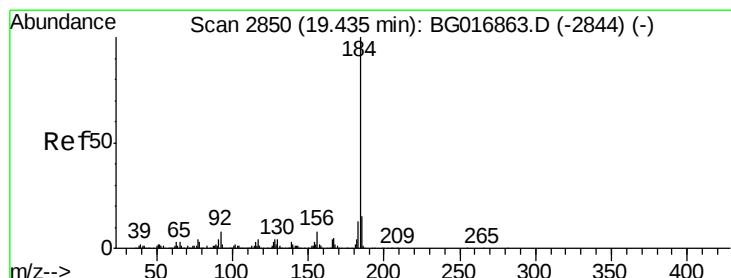
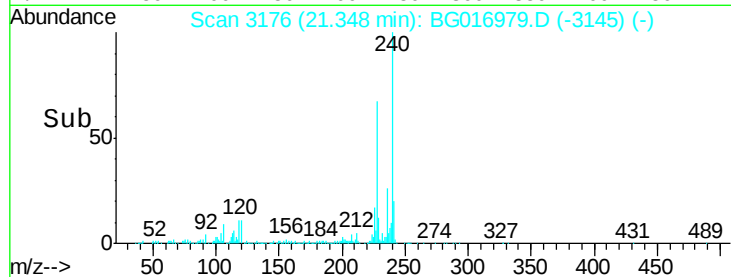
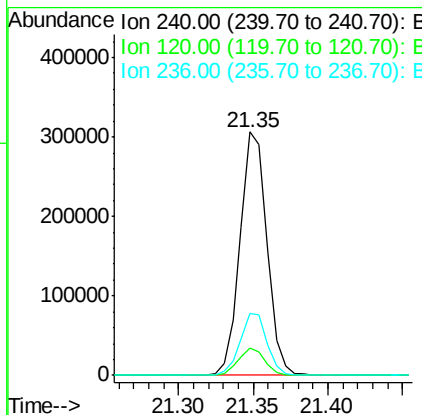
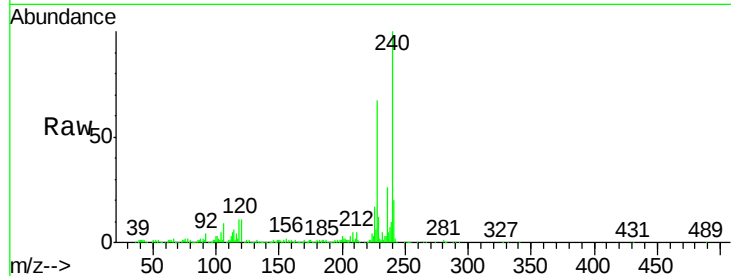
ClientSampleId :

MWHR3-14MS

Tgt Ion:	240	Resp:	382843
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.1	13.7
236	25.5	20.2	30.4

Manual Integrations
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#76

Benzidine

Concen: 24.86 ng

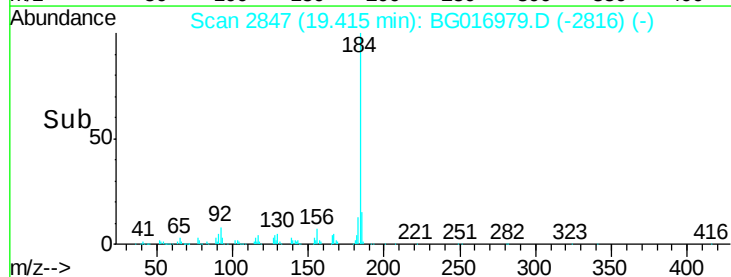
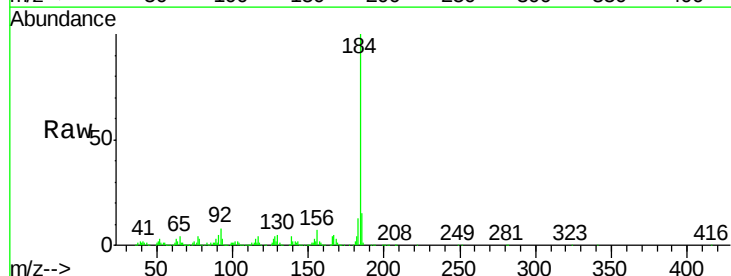
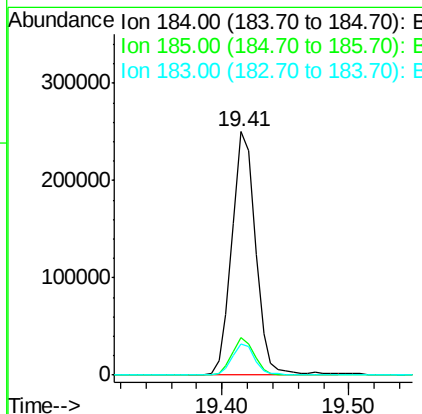
RT: 19.41 min Scan# 2847

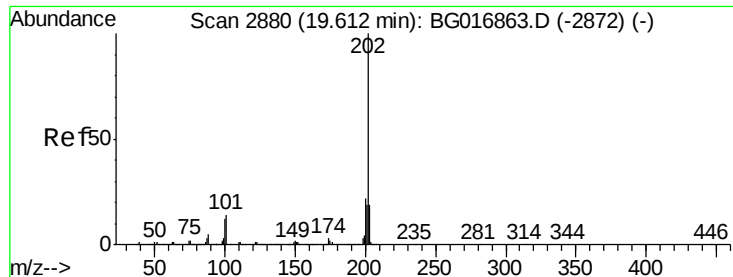
Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	184	Resp:	323413
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.8	17.6
183	12.9	10.6	15.8





#77

Pyrene

Concen: 48.66 ng

RT: 19.59 min Scan# 2877

Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

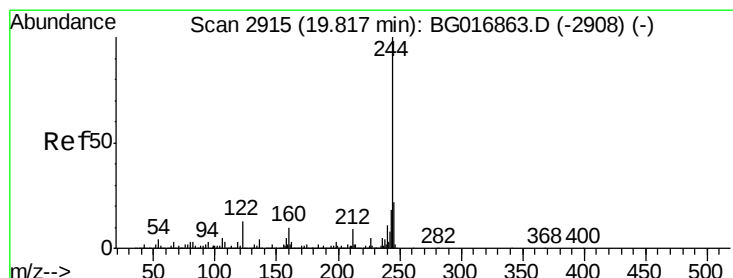
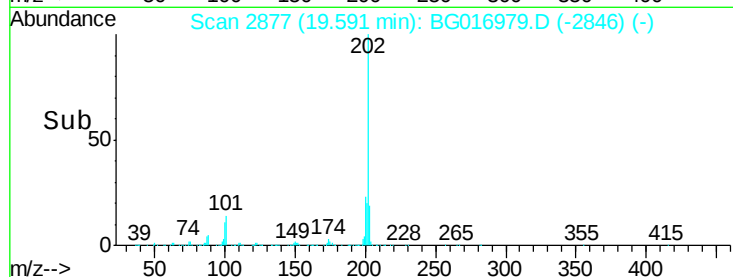
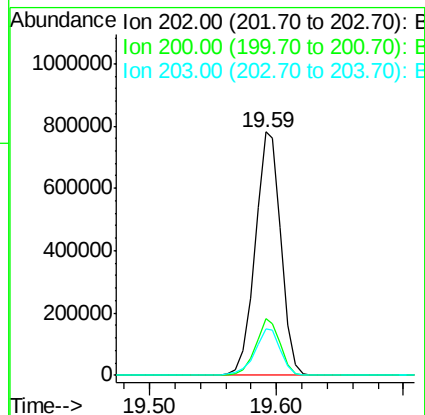
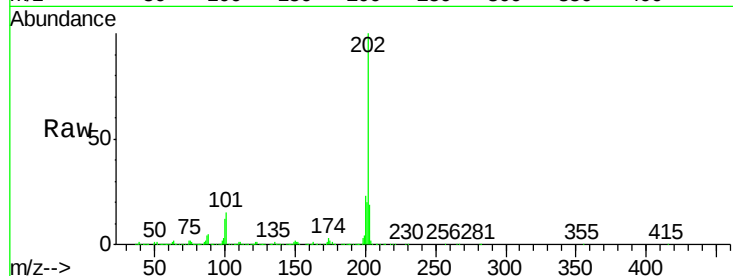
ClientSampleId :

MWHR3-14MS

Tgt Ion:	202	Resp:	1099568
Ion	Ratio	Lower	Upper
202	100		
200	23.3	17.9	26.9
203	19.0	15.2	22.8

Manual Integrations
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#78

Terphenyl-d14

Concen: 94.38 ng

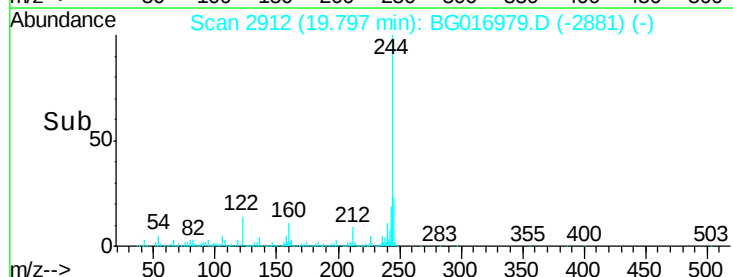
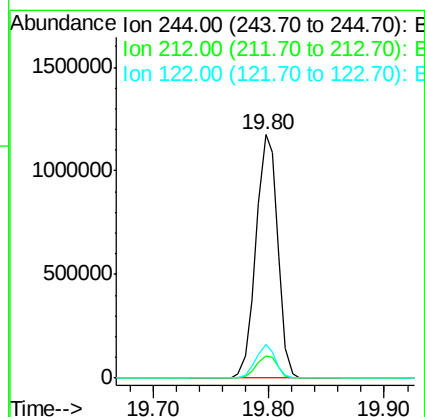
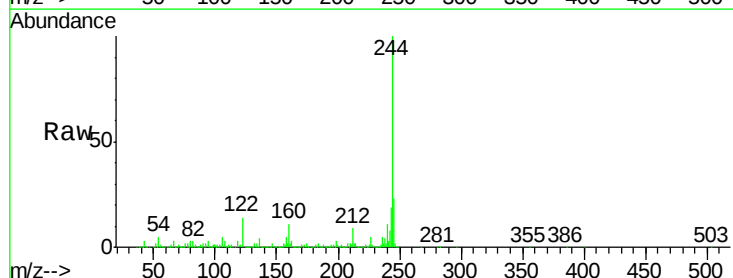
RT: 19.80 min Scan# 2912

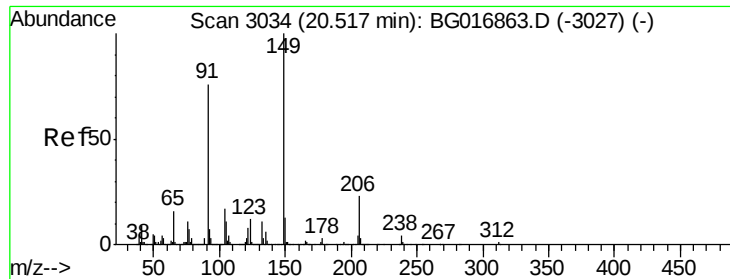
Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	244	Resp:	1541377
Ion	Ratio	Lower	Upper
244	100		
212	8.9	7.0	10.6
122	13.6	10.4	15.6





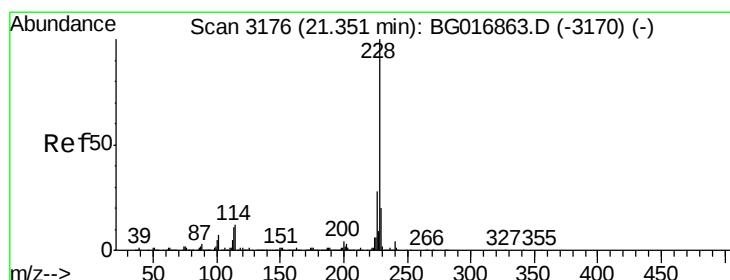
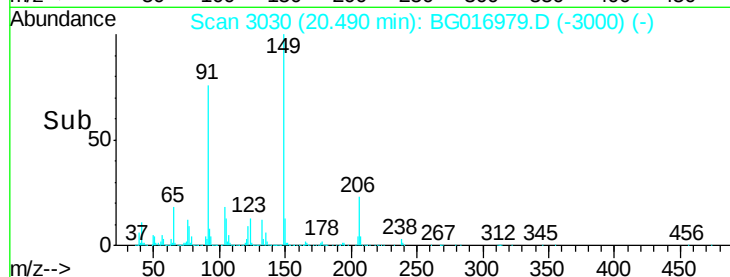
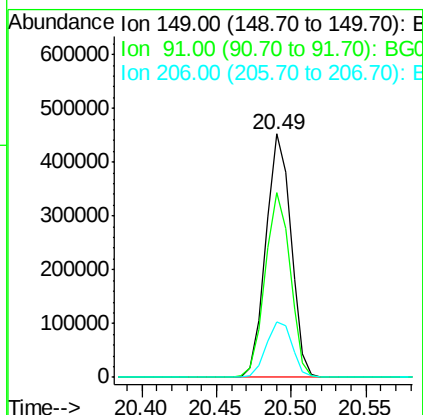
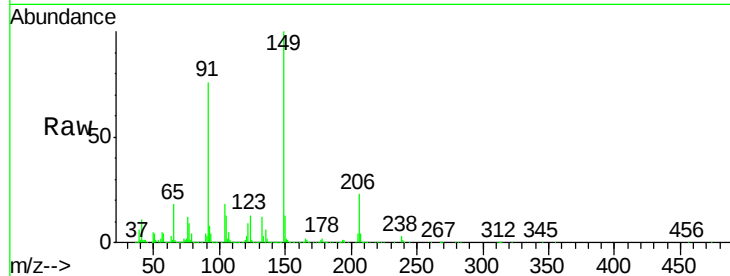
#79
Butylbenzylphthalate
Concen: 49.06 ng
RT: 20.49 min Scan# 3030
Delta R.T. -0.03 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	60.6	91.0
206	22.7	18.4	27.6

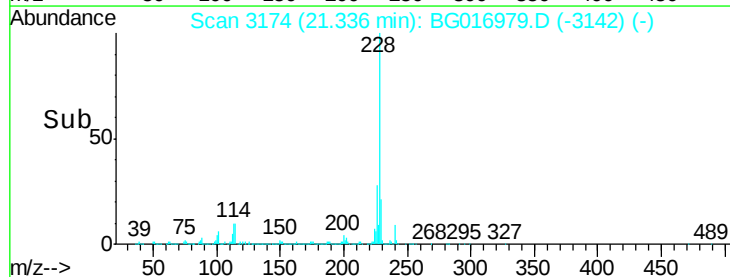
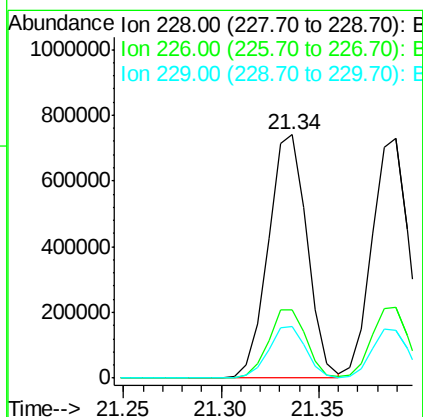
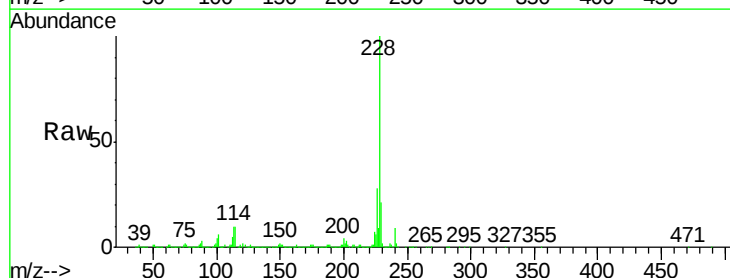
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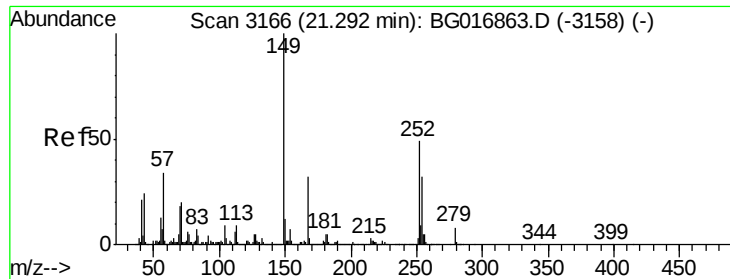
apatel
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#80
Benzo(a)anthracene
Concen: 49.31 ng
RT: 21.34 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.7	34.1
229	21.2	16.1	24.1





#81

3,3'-Dichlorobenzidine

Concen: 25.13 ng

RT: 21.27 min Scan# 3163

Delta R.T. -0.02 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

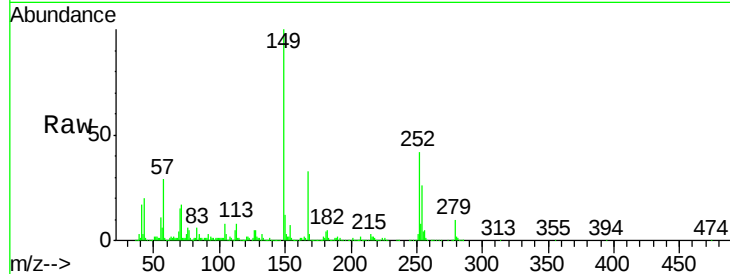
ClientSampleId :

MWHR3-14MS

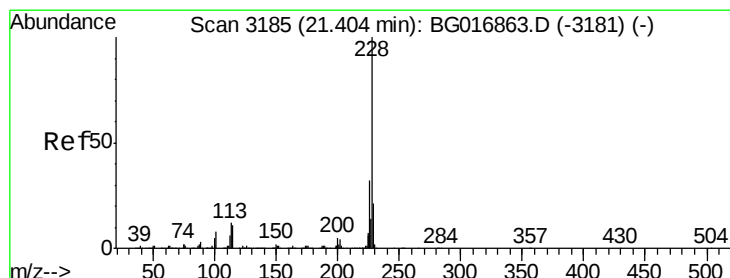
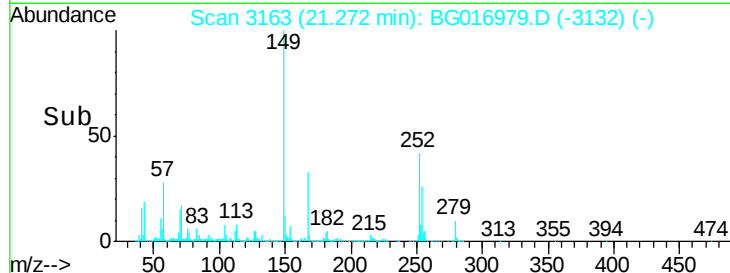
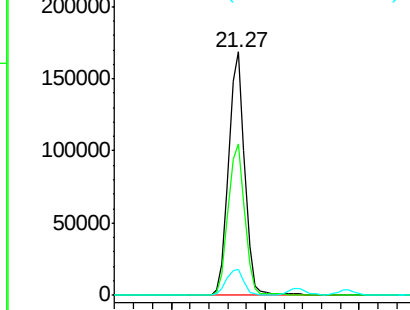
Tgt Ion:	252	Resp:	201512
Ion Ratio	Lower	Upper	
252	100		
254	62.4	51.7	77.5
126	10.9	8.9	13.3

Manual Integrations
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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: 49.38 ng

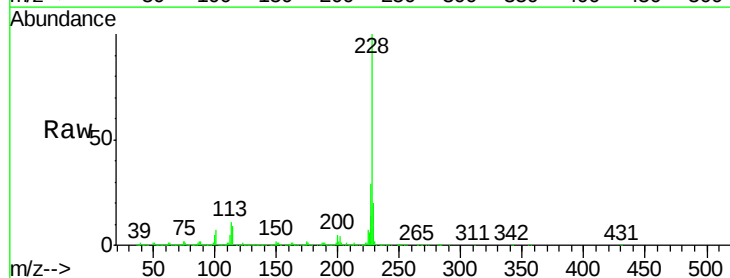
RT: 21.39 min Scan# 3183

Delta R.T. -0.01 min

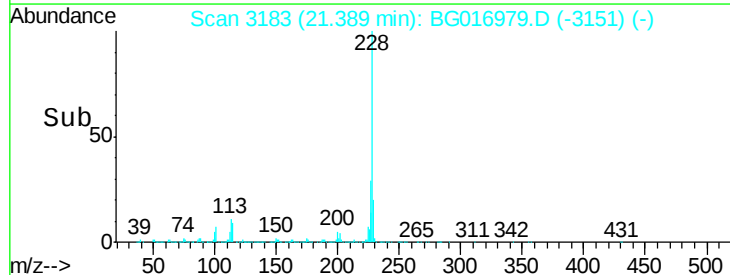
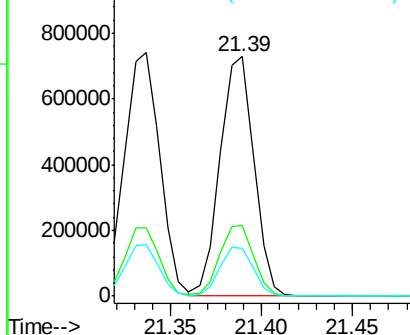
Lab File: BG016979.D

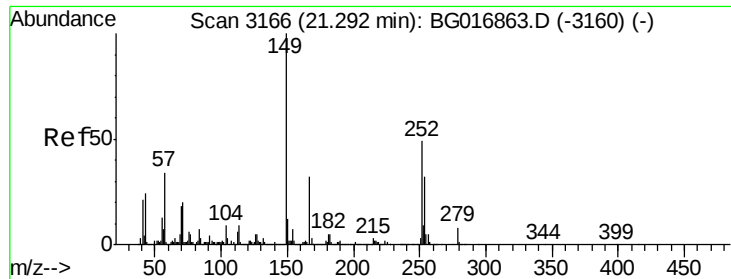
Acq: 9 May 2015 6:29

Tgt Ion:	228	Resp:	949974
Ion Ratio	Lower	Upper	
228	100		
226	29.4	25.4	38.0
229	19.9	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: 48.79 ng

RT: 21.27 min Scan# 3162

Delta R.T. -0.03 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

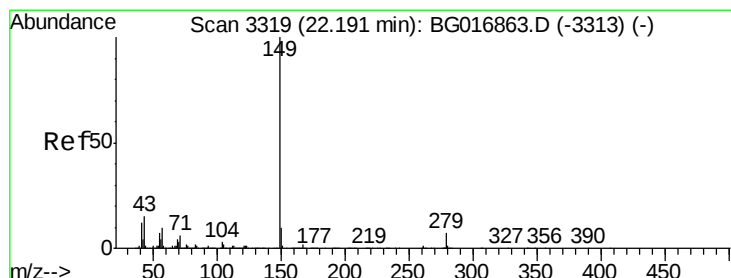
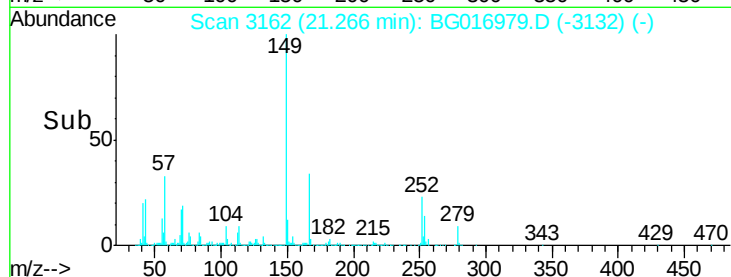
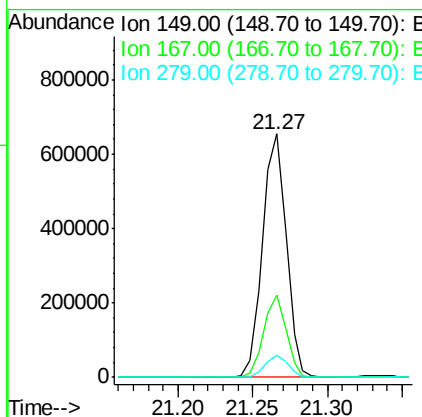
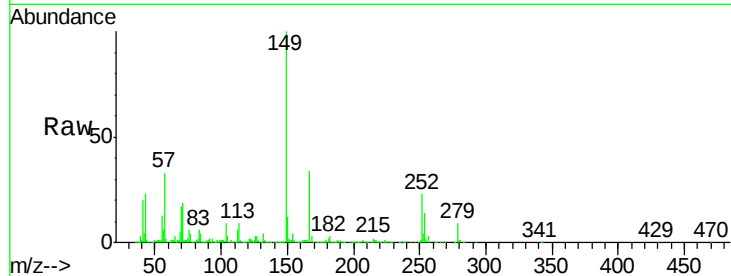
ClientSampleId :

MWHR3-14MS

Tgt Ion:	149	Resp:	716661
Ion Ratio	Lower	Upper	
149	100		
167	33.6	25.4	38.0
279	9.2	6.4	9.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.12 ng

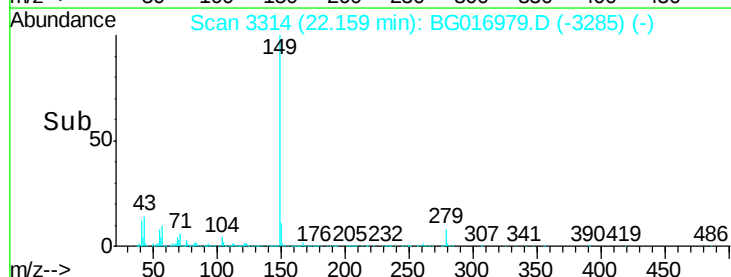
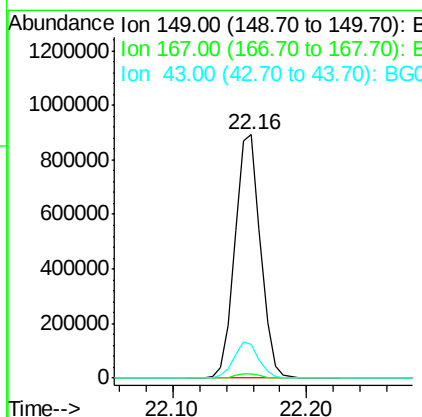
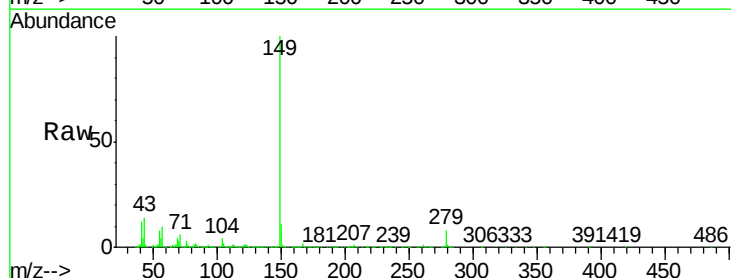
RT: 22.16 min Scan# 3314

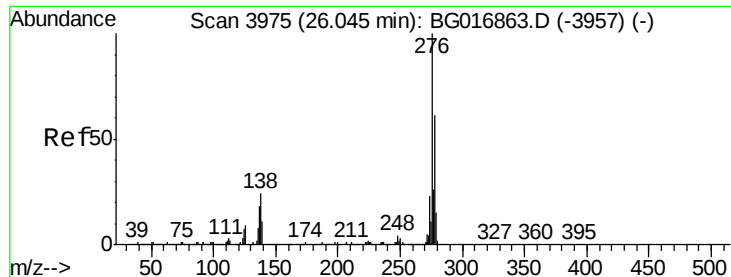
Delta R.T. -0.03 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:	149	Resp:	1187410
Ion Ratio	Lower	Upper	
149	100		
167	1.9	0.0	0.0#
43	14.3	0.0	0.0#





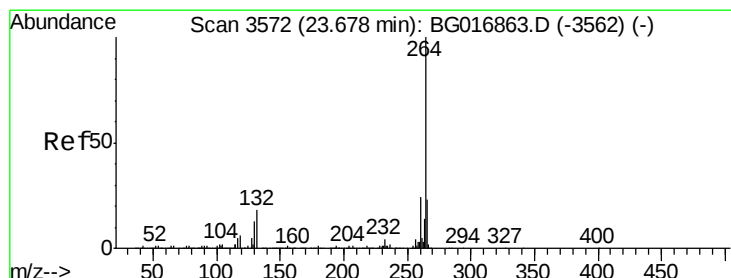
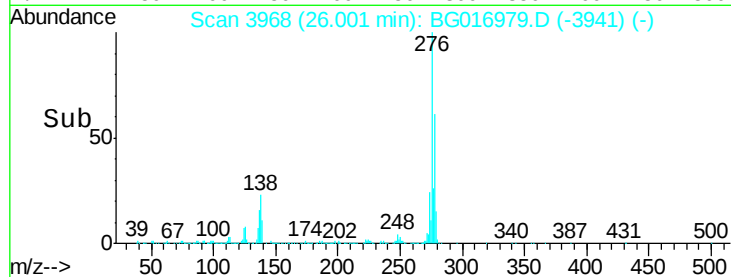
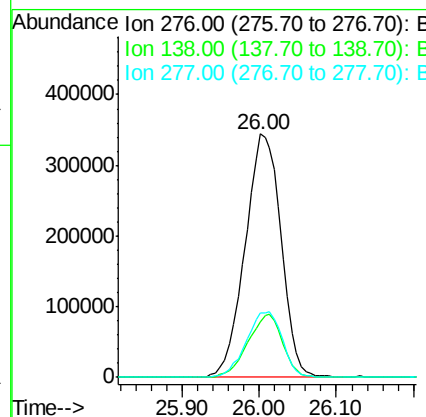
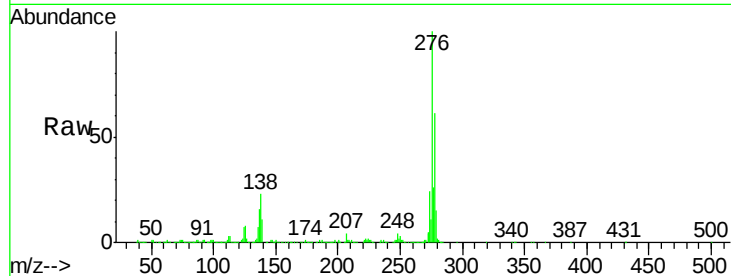
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.08 ng
 RT: 26.00 min Scan# 3968
 Delta R.T. -0.04 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.1	0.0	0.0#
277	27.0	0.0	0.0#

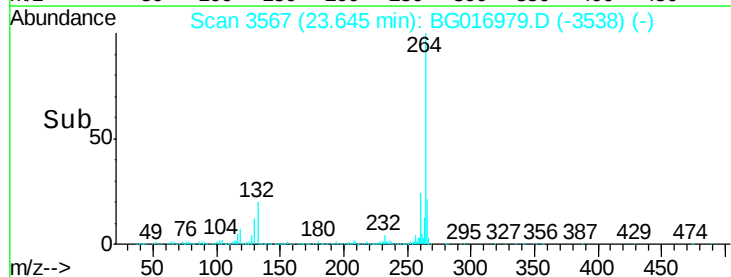
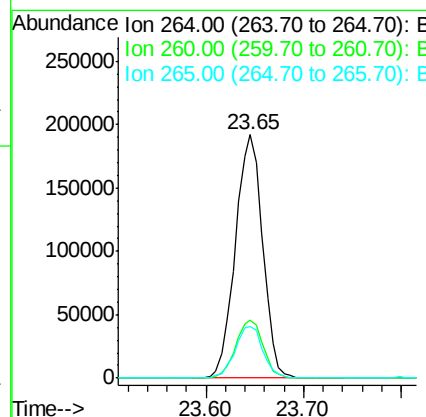
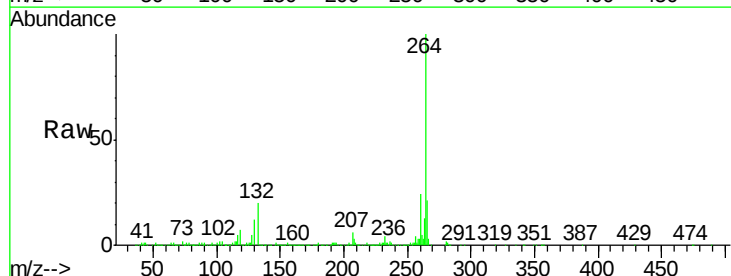
Manual Integrations
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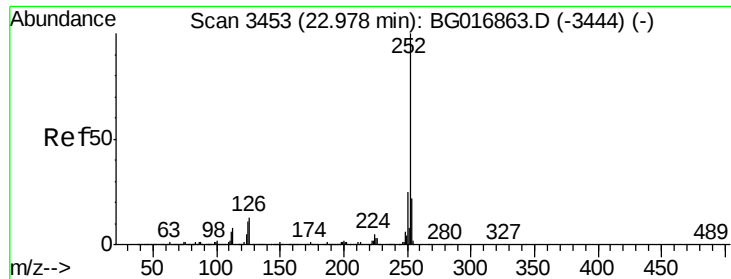
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.65 min Scan# 3567
 Delta R.T. -0.03 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	18.5	27.7





#87

Benzo(b)fluoranthene

Concen: 49.78 ng

RT: 22.95 min Scan# 3449

Delta R.T. -0.03 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Instrument :

BNA_G

ClientSampleId :

MWHR3-14MS

Tgt Ion:252 Resp: 1032398

Ion Ratio Lower Upper

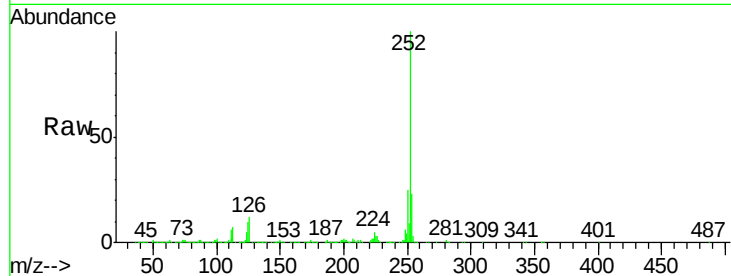
252 100

253 23.3 17.4 26.0

125 9.7 8.6 13.0

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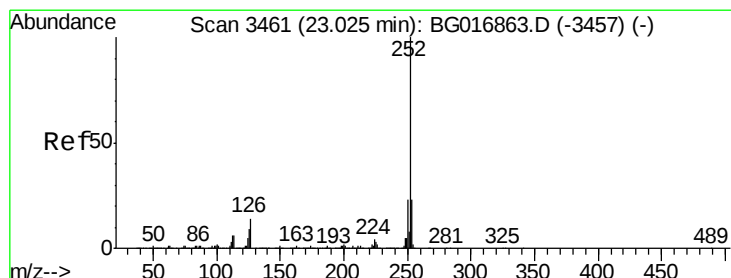
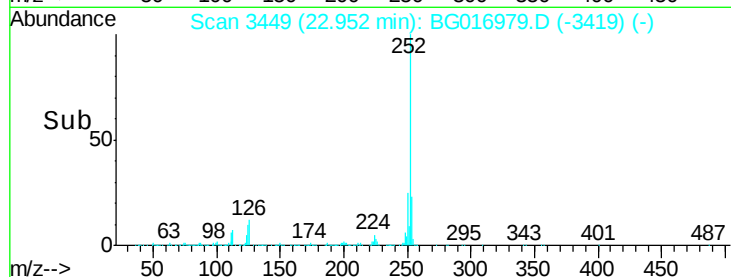
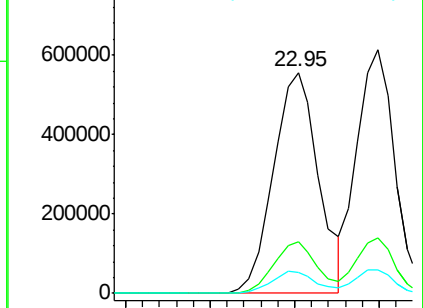
apatel
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 47.71 ng

RT: 23.00 min Scan# 3457

Delta R.T. -0.03 min

Lab File: BG016979.D

Acq: 9 May 2015 6:29

Tgt Ion:252 Resp: 951830

Ion Ratio Lower Upper

252 100

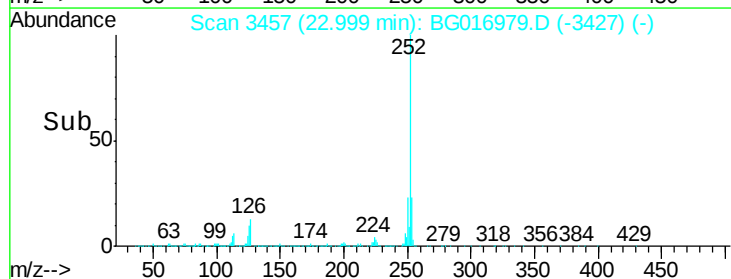
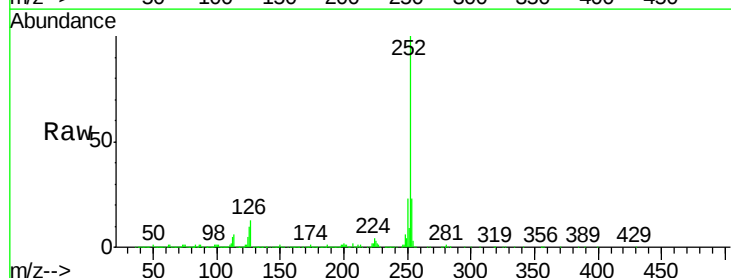
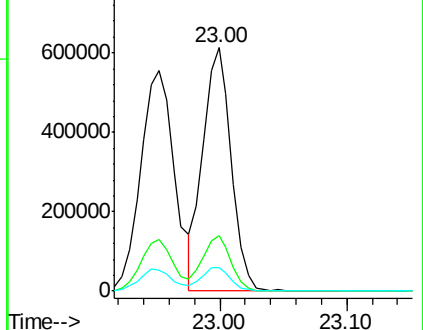
253 23.0 18.4 27.6

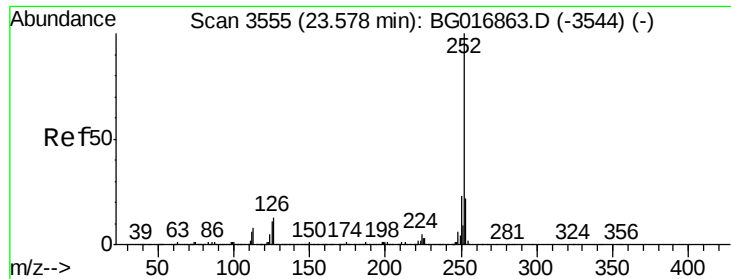
125 9.7 7.9 11.9

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





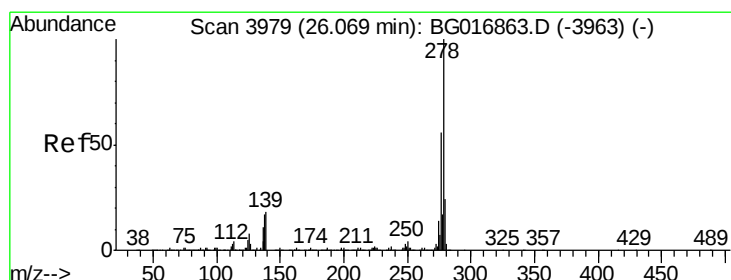
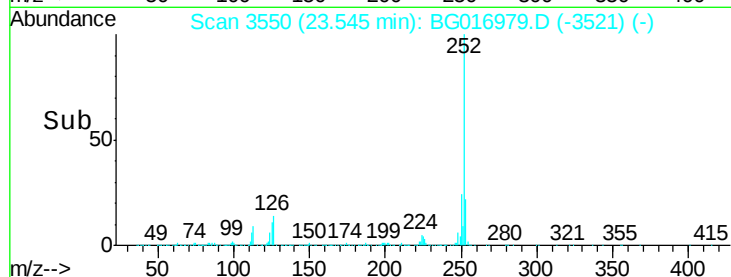
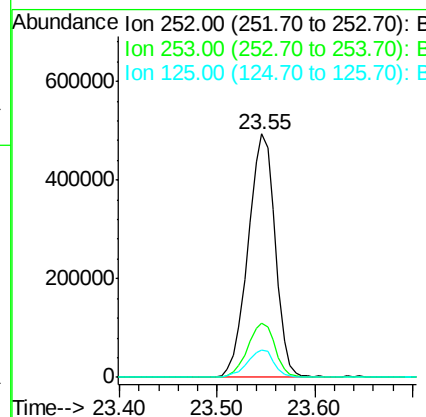
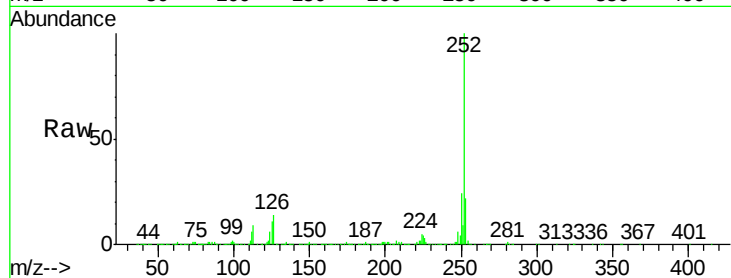
#89
Benzo(a)pyrene
Concen: 49.79 ng
RT: 23.55 min Scan# 3550
Delta R.T. -0.03 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Instrument :
BNA_G
ClientSampleId :
MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.3	17.7	26.5
125	11.2	8.5	12.7

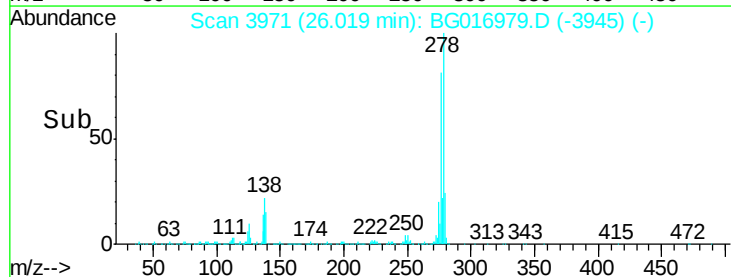
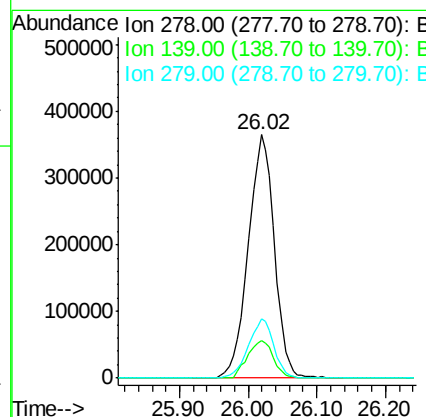
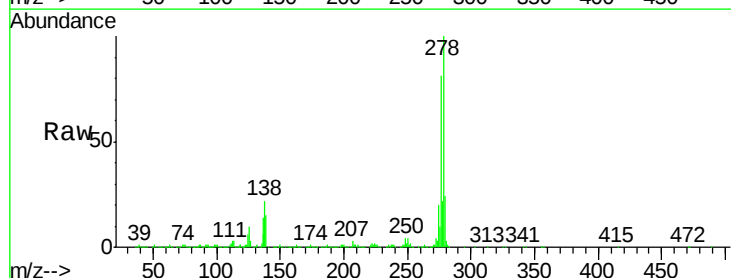
Manual Integrations
APPROVED

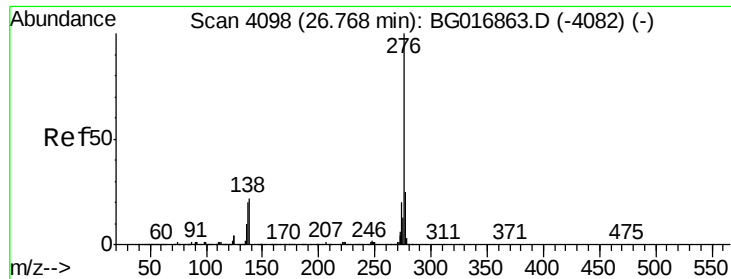
apatel
5/12/2015 8:30:13 AM



#90
Dibenzo(a,h)anthracene
Concen: 48.98 ng
RT: 26.02 min Scan# 3971
Delta R.T. -0.05 min
Lab File: BG016979.D
Acq: 9 May 2015 6:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	15.3	14.2	21.2
279	24.4	18.9	28.3





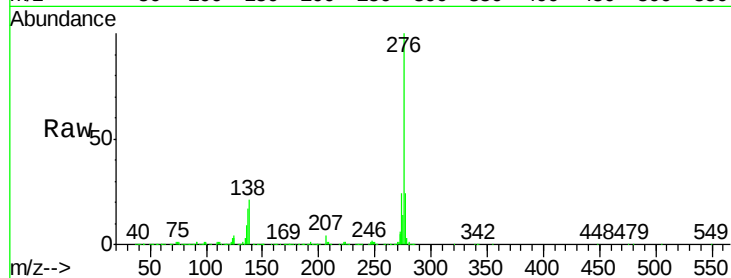
#91
 Benzo(g,h,i)perylene
 Concen: 48.86 ng
 RT: 26.74 min Scan# 4093
 Delta R.T. -0.03 min
 Lab File: BG016979.D
 Acq: 9 May 2015 6:29

Instrument :
 BNA_G
 ClientSampleId :
 MWHR3-14MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	24.2	19.6	29.4
138	21.0	17.5	26.3

Manual Integrations
 APPROVED

apatel
 5/12/2015 8:30:13 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

