

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071915\
 Data File : BG017979.D
 Acq On : 20 Jul 2015 4:12
 Operator : TP/UM
 Sample : PB84467BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 PB84467BS

Manual Integrations
 APPROVED

apatel
 7/20/2015 3:28:00 PM

Quant Time: Jul 20 06:43:51 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	103502	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	453952	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	272331	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	595541	20.00	ng	0.00
75) Chrysene-d12	21.20	240	676775	20.00	ng	0.00
86) Perylene-d12	23.41	264	659561	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	669895	112.91	ng	0.00
7) Phenol-d6	6.77	99	853774	109.84	ng	0.00
23) Nitrobenzene-d5	8.74	82	489989	69.91	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	341822	123.89	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1181161	75.16	ng	0.00
78) Terphenyl-d14	19.65	244	1873712	69.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	65161	24.99	ng	# 90
3) Pyridine	3.52	79	173725	24.93	ng	# 84
4) n-Nitrosodimethylamine	3.45	42	74705	28.24	ng	# 65
6) Aniline	6.92	93	254448	24.55	ng	91
8) 2-Chlorophenol	7.15	128	260895	37.30	ng	98
9) Benzaldehyde	6.73	77	46131	9.69	ng	92
10) Phenol	6.80	94	299105	36.05	ng	95
11) bis(2-Chloroethyl)ether	7.03	93	214338	33.03	ng	91
12) 1,3-Dichlorobenzene	7.47	146	253346	32.99	ng	96
13) 1,4-Dichlorobenzene	7.62	146	260393	33.07	ng	98
14) 1,2-Dichlorobenzene	7.94	146	250638	33.32	ng	97
15) Benzyl Alcohol	7.82	79	198178	34.47	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.12	45	239802	30.68	ng	93
17) 2-Methylphenol	8.04	107	204792	35.41	ng	95
18) Hexachloroethane	8.65	117	95690	32.18	ng	96
19) n-Nitroso-di-n-propylamine	8.39	70	169085	29.79	ng	# 85
20) 3+4-Methylphenols	8.36	107	278781	35.61	ng	97
22) Acetophenone	8.41	105	312911	31.91	ng	# 92
24) Nitrobenzene	8.78	77	248644	33.30	ng	90
25) Isophorone	9.30	82	462225	31.45	ng	98
26) 2-Nitrophenol	9.49	139	140376	39.40	ng	# 84
27) 2,4-Dimethylphenol	9.56	122	241138	37.20	ng	99
28) bis(2-Chloroethoxy)methane	9.79	93	271352	33.13	ng	97
29) 2,4-Dichlorophenol	10.02	162	239282	41.44	ng	97
30) 1,2,4-Trichlorobenzene	10.23	180	236713	34.50	ng	98
31) Naphthalene	10.42	128	748644	33.69	ng	100
32) Benzoic acid	9.70	122	132554	50.05	ng	82
33) 4-Chloroaniline	10.53	127	167359	16.90	ng	95
34) Hexachlorobutadiene	10.70	225	137189	35.49	ng	96
35) Caprolactam	11.30	113	102396m	34.90	ng	
36) 4-Chloro-3-methylphenol	11.67	107	245994	37.53	ng	93
37) 2-Methylnaphthalene	12.04	142	544791	34.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.41	216	256469	35.13	ng	97
40) Hexachlorocyclopentadiene	12.40	237	316912	79.61	ng	99

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 QLast Update : Sat Jul 18 01:50:30 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.66	196	179788	37.87	ng	99
43) 2,4,5-Trichlorophenol	12.74	196	198787	40.27	ng	95
45) 1,1'-Biphenyl	13.07	154	666303	34.95	ng	98
46) 2-Chloronaphthalene	13.11	162	536624	34.73	ng	95
47) 2-Nitroaniline	13.32	65	144649	34.87	ng	# 83
48) Acenaphthylene	13.96	152	880616	34.18	ng	99
49) Dimethylphthalate	13.71	163	658140	34.79	ng	100
50) 2,6-Dinitrotoluene	13.83	165	160215	37.37	ng	# 83
51) Acenaphthene	14.31	154	529151	33.91	ng	98
52) 3-Nitroaniline	14.16	138	128337	26.63	ng	92
53) 2,4-Dinitrophenol	14.36	184	149349	68.59	ng	96
54) Dibenzofuran	14.65	168	815908	36.24	ng	97
55) 4-Nitrophenol	14.48	139	317214	83.21	ng	# 83
56) 2,4-Dinitrotoluene	14.62	165	216982	37.74	ng	# 90
57) Fluorene	15.30	166	684764	35.38	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.88	232	177841	41.79	ng	94
59) Diethylphthalate	15.09	149	686045	35.01	ng	99
60) 4-Chlorophenyl-phenylether	15.30	204	340676	35.90	ng	98
61) 4-Nitroaniline	15.33	138	194362	34.43	ng	91
62) Azobenzene	15.59	77	613121	33.86	ng	90
64) 4,6-Dinitro-2-methylphenol	15.39	198	118680	40.36	ng	80
65) n-Nitrosodiphenylamine	15.52	169	611153	34.13	ng	98
66) 4-Bromophenyl-phenylether	16.19	248	213118	35.71	ng	95
67) Hexachlorobenzene	16.30	284	234367	35.38	ng	94
68) Atrazine	16.47	200	222279	37.79	ng	98
69) Pentachlorophenol	16.65	266	312784	74.20	ng	98
70) Phenanthrene	17.04	178	1077869	35.09	ng	99
71) Anthracene	17.13	178	1089694	36.46	ng	97
72) Carbazole	17.41	167	1052612	37.28	ng	99
73) Di-n-butylphthalate	17.98	149	1306545	37.75	ng	99
74) Fluoranthene	19.06	202	1277612	37.99	ng	99
76) Benzidine	19.26	184	657175	34.19	ng	98
77) Pyrene	19.43	202	1325134	35.11	ng	100
79) Butylbenzylphthalate	20.35	149	649141	38.40	ng	93
80) Benzo(a)anthracene	21.19	228	1280862	35.83	ng	100
81) 3,3'-Dichlorobenzidine	21.12	252	345978	26.69	ng	98
82) Chrysene	21.24	228	1181740	34.71	ng	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	865773	37.19	ng	97
84) Di-n-octyl phthalate	22.00	149	1447611	39.48	ng	# 91
85) Indeno(1,2,3-cd)pyrene	25.66	276	1473755	35.80	ng	98
87) Benzo(b)fluoranthene	22.75	252	1337044	37.05	ng	98
88) Benzo(k)fluoranthene	22.80	252	1226901	34.05	ng	98
89) Benzo(a)pyrene	23.32	252	1259401	37.46	ng	98
90) Dibenzo(a,h)anthracene	25.68	278	1269957	36.43	ng	97
91) Benzo(g,h,i)perylene	26.36	276	1220821	36.32	ng	98

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

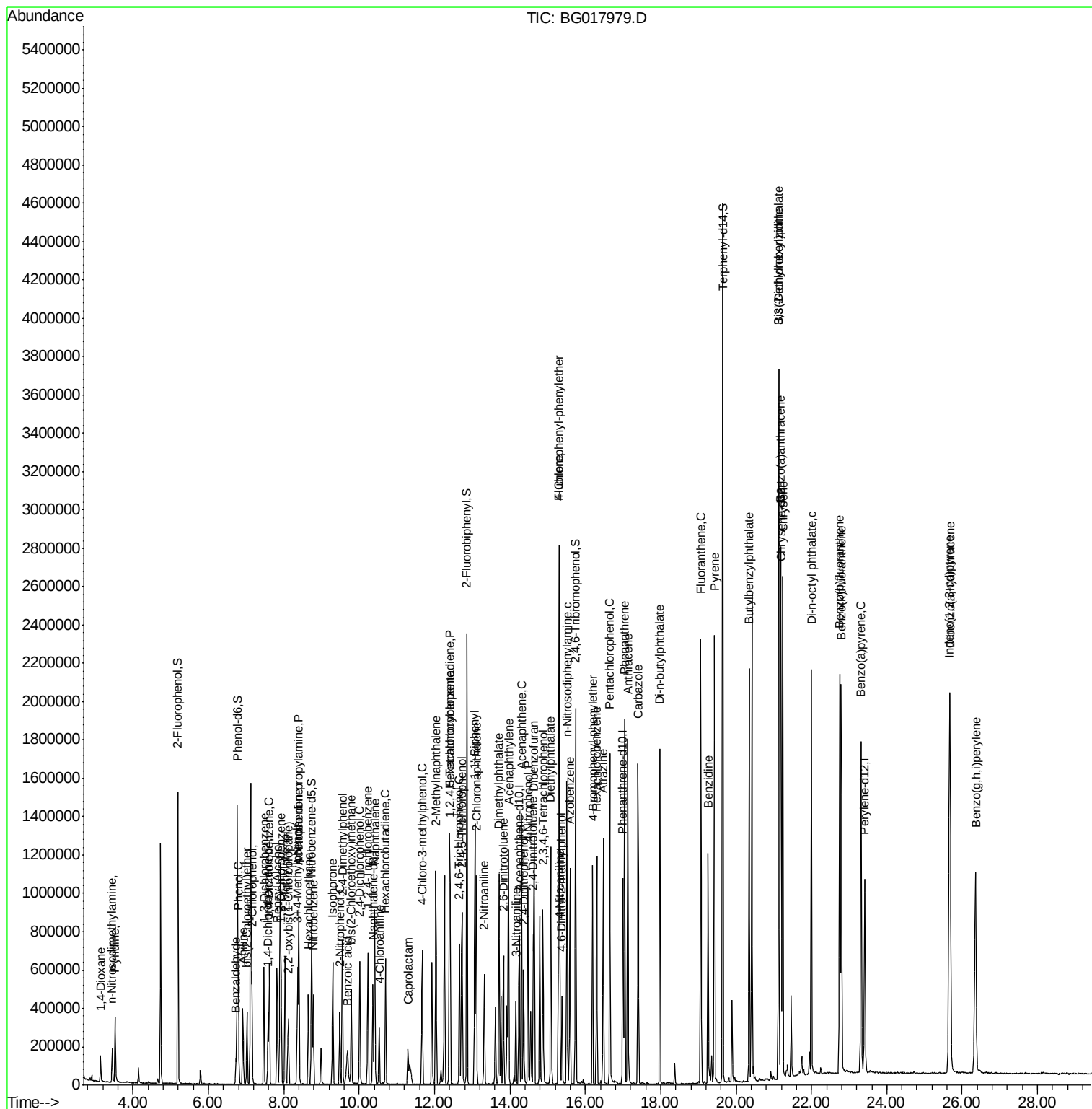
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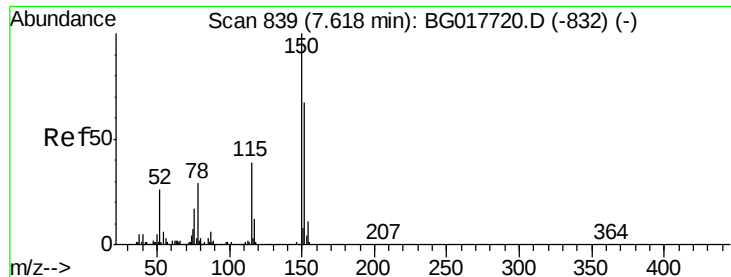
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

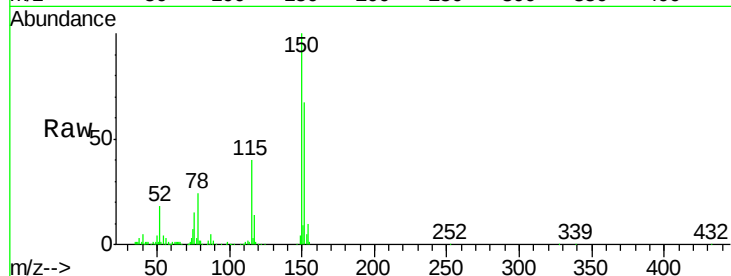
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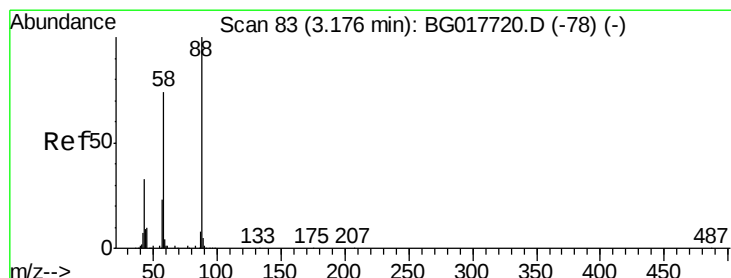
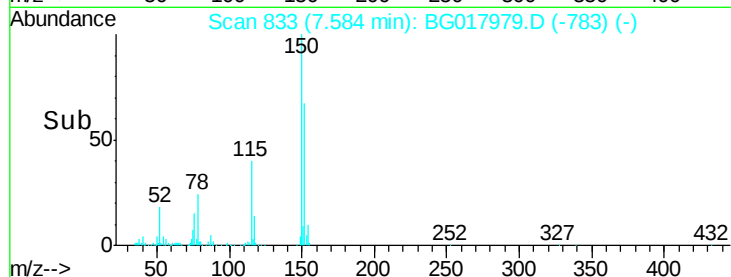
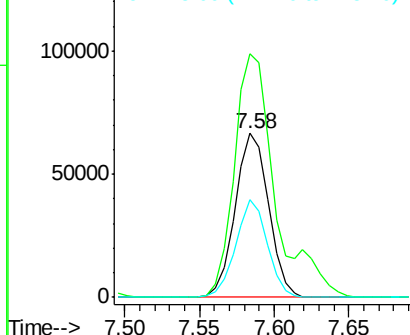
Tgt Ion:	152	Resp:	103502
Ion Ratio	Lower	Upper	
152	100		
150	148.4	119.1	178.7
115	59.2	47.0	70.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 24.99 ng

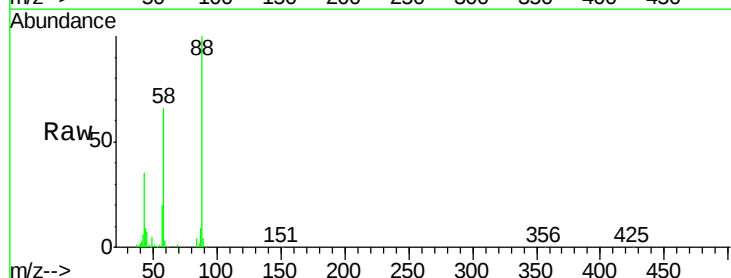
RT: 3.15 min Scan# 78

Delta R.T. -0.00 min

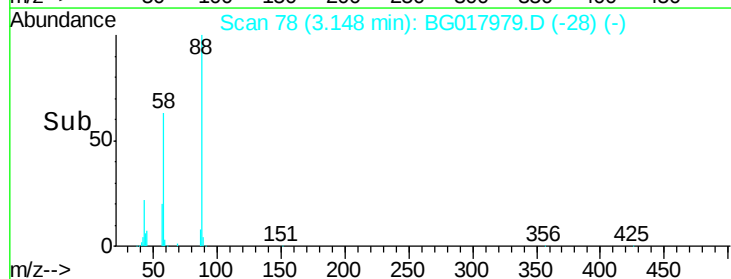
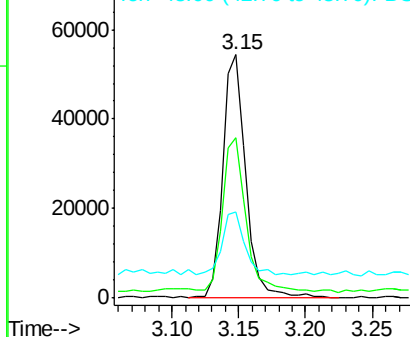
Lab File: BG017979.D

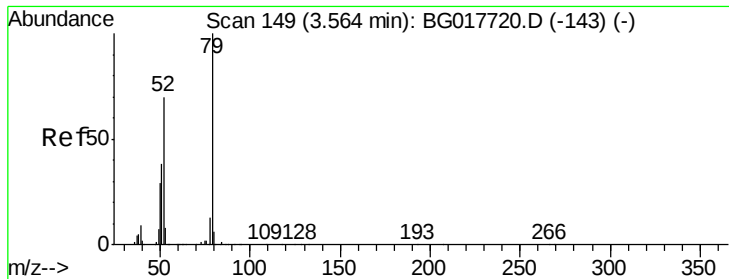
Acq: 20 Jul 2015 4:12

Tgt Ion:	88	Resp:	65161
Ion Ratio	Lower	Upper	
88	100		
58	63.9	55.8	83.8
43	26.1	27.4	41.2#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 24.93 ng

RT: 3.52 min Scan# 142

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

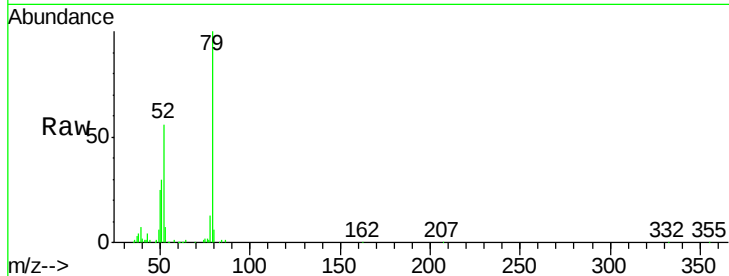
ClientSampleId :

PB84467BS

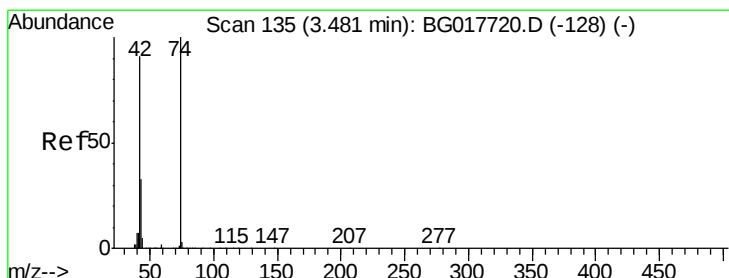
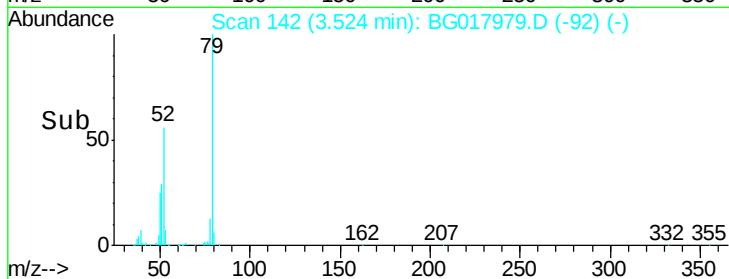
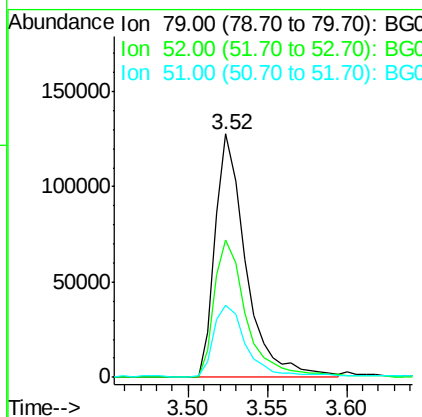
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Tgt Ion	Ratio	Lower	Upper
79	100		
52	56.5	55.7	83.5
51	29.7	32.2	48.4



#4

n-Nitrosodimethylamine

Concen: 28.24 ng

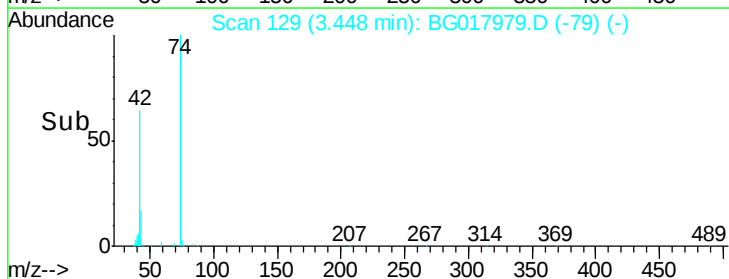
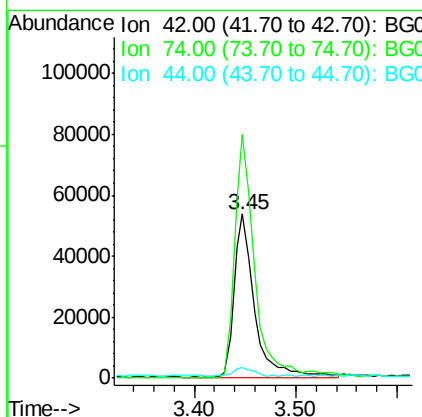
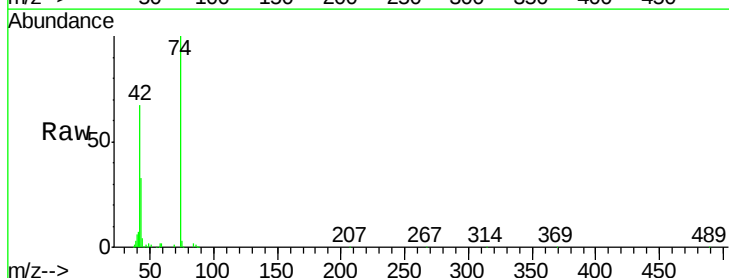
RT: 3.45 min Scan# 129

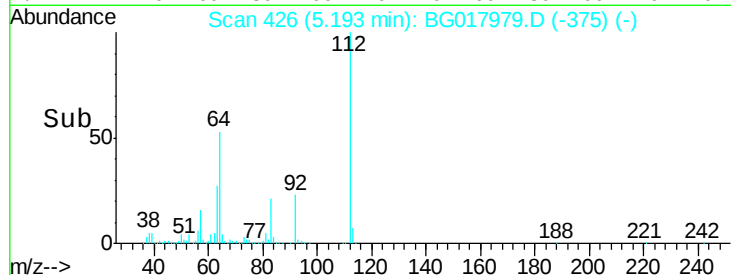
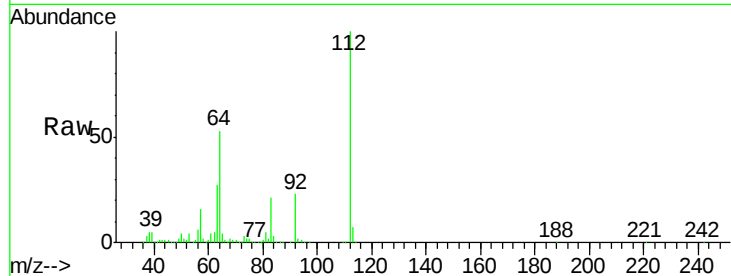
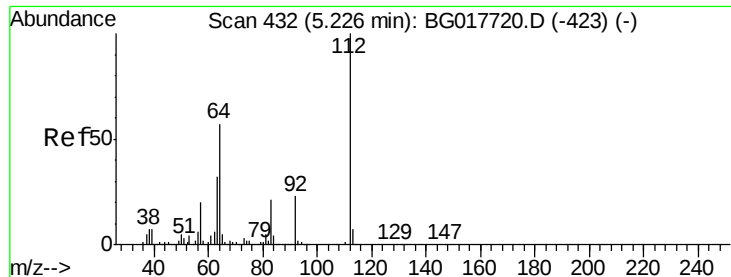
Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.3	87.4	131.2
44	6.4	6.4	9.6





#5

2-Fluorophenol

Concen: 112.91 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	669895		
64	52.9	45.4	68.0	
63	27.3	25.3	37.9	

Instrument :

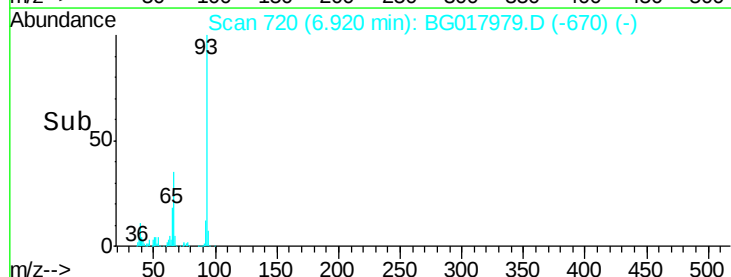
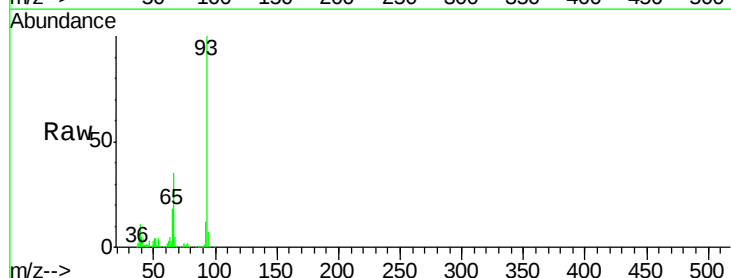
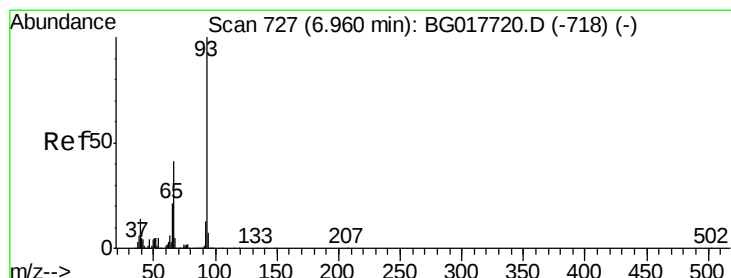
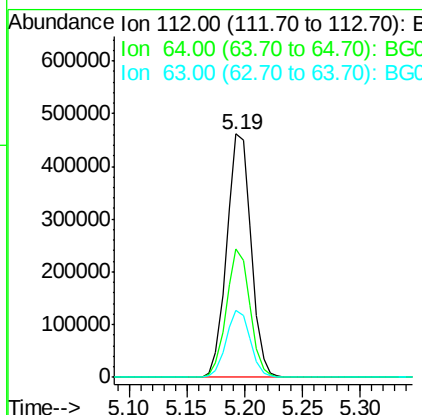
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#6

Aniline

Concen: 24.55 ng

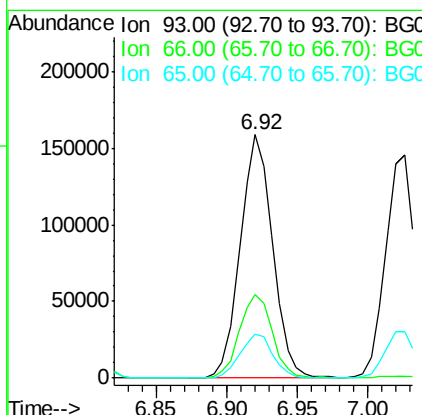
RT: 6.92 min Scan# 720

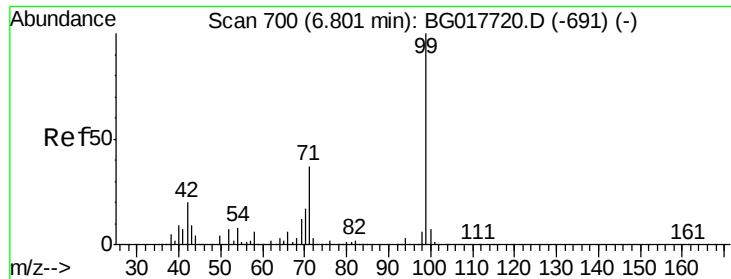
Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	254448		
66	34.5	32.7	49.1	
65	18.0	17.0	25.6	





#7

Phenol-d6

Concen: 109.84 ng

RT: 6.77 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

ClientSampleId :

PB84467BS

Tgt Ion: 99 Resp: 853774

Ion Ratio Lower Upper

99 100

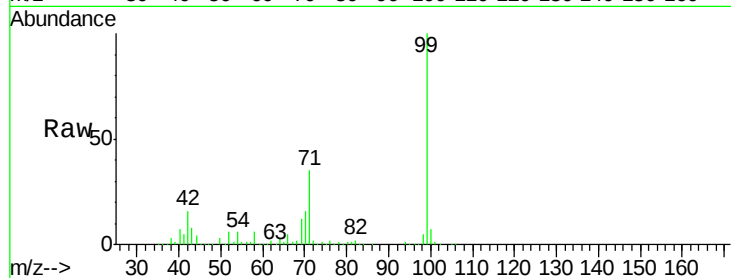
42 16.1 16.2 24.4#

71 34.8 29.5 44.3

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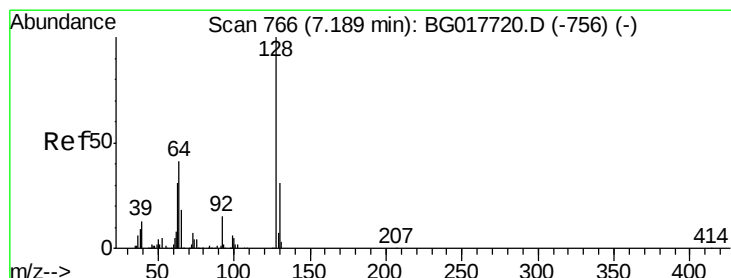
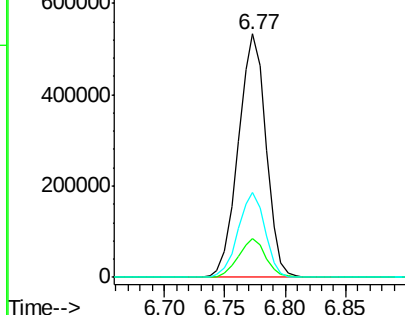
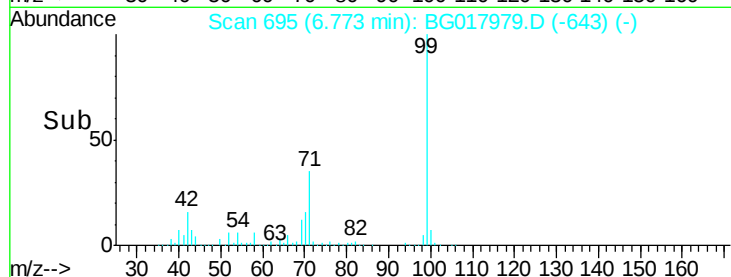
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Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.30 ng

RT: 7.15 min Scan# 760

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

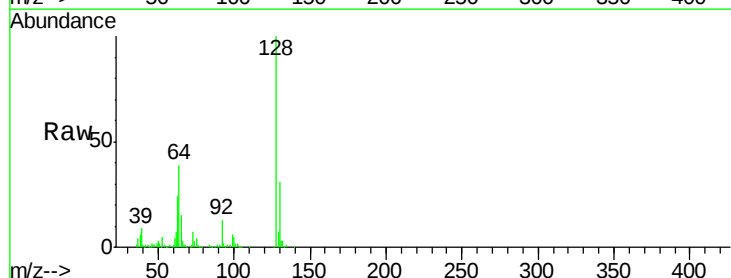
Tgt Ion: 128 Resp: 260895

Ion Ratio Lower Upper

128 100

130 30.9 11.1 51.1

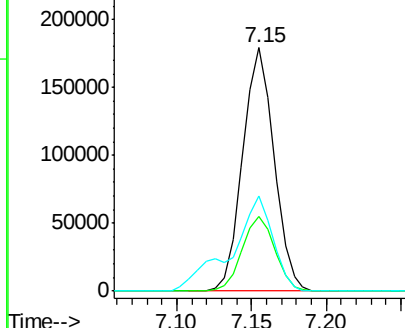
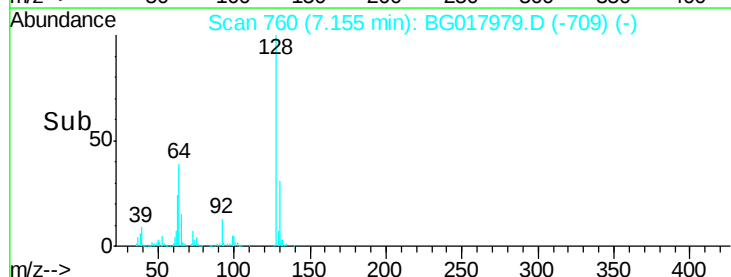
64 38.9 21.4 61.4

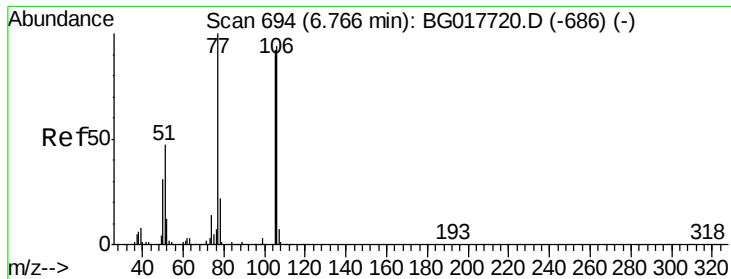


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 9.69 ng

RT: 6.73 min Scan# 688

Delta R.T. -0.00 min

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ClientSampleId :

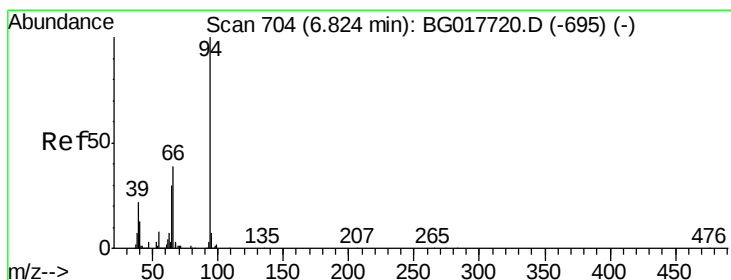
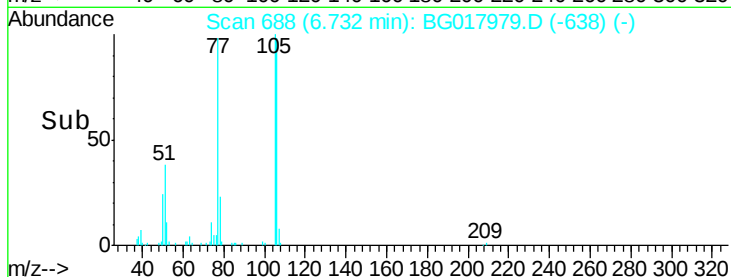
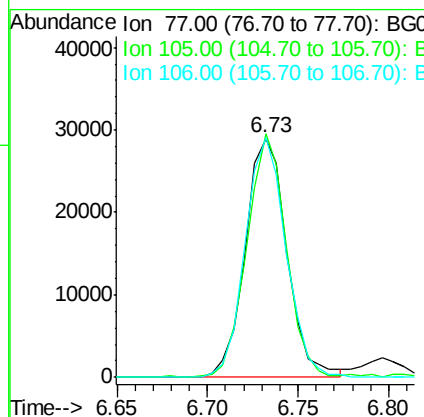
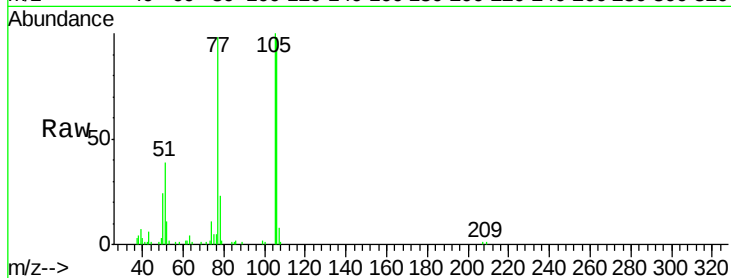
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Tgt Ion:	77	Resp:	46131
Ion Ratio	Lower	Upper	
77	100		
105	102.1	71.8	111.8
106	100.4	74.5	114.5



#10

Phenol

Concen: 36.05 ng

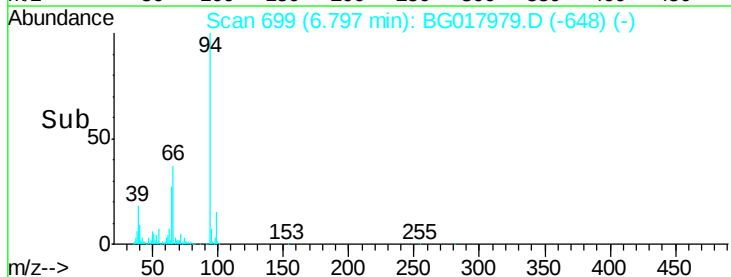
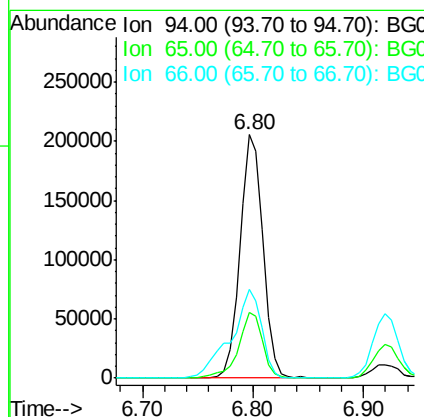
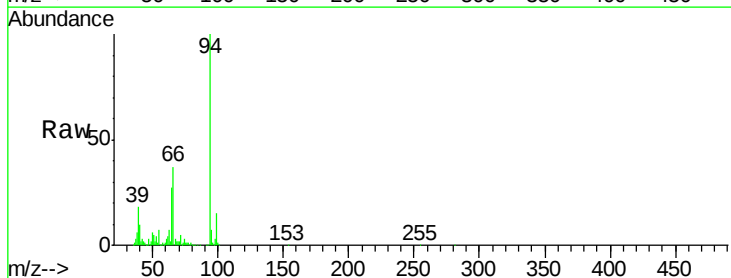
RT: 6.80 min Scan# 699

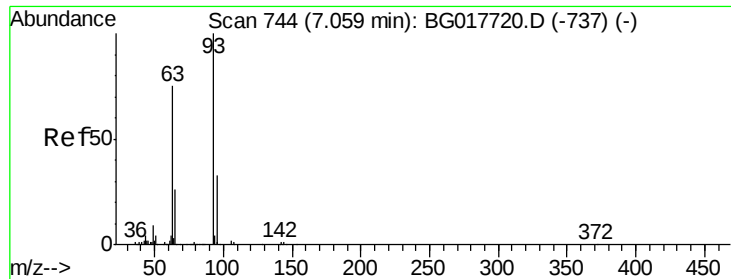
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	94	Resp:	299105
Ion Ratio	Lower	Upper	
94	100		
65	26.8	9.9	49.9
66	36.6	19.4	59.4





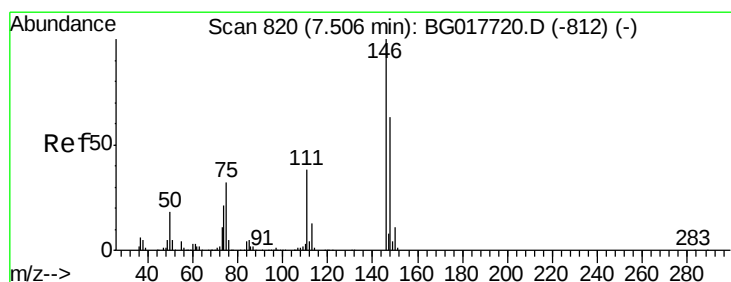
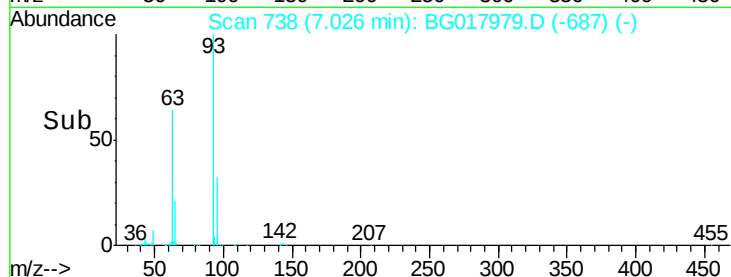
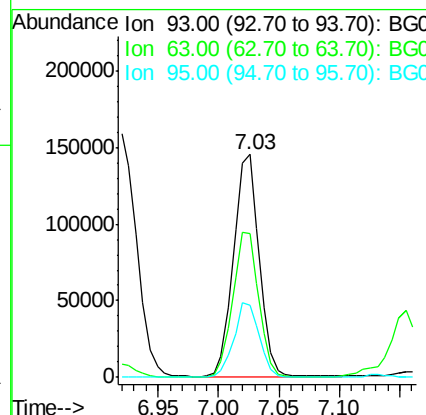
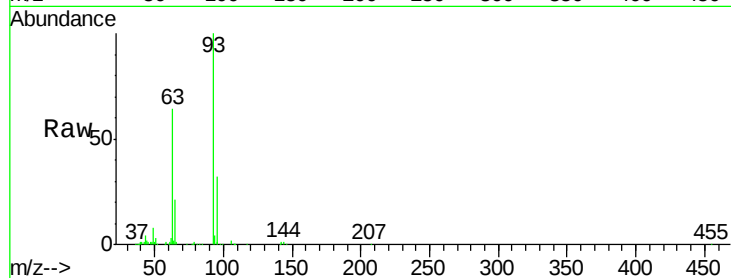
#11
 bis(2-Chloroethyl)ether
 Concen: 33.03 ng
 RT: 7.03 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	64.4	54.7	94.7
95	32.2	13.2	53.2

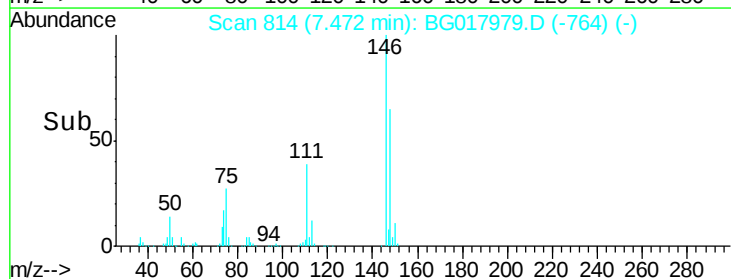
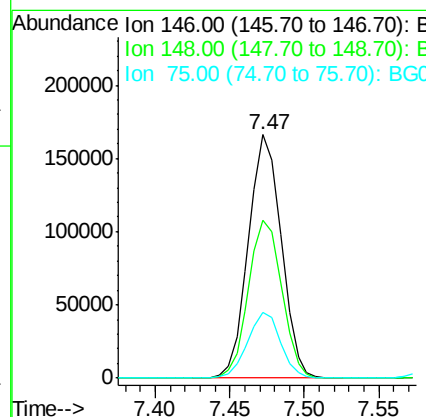
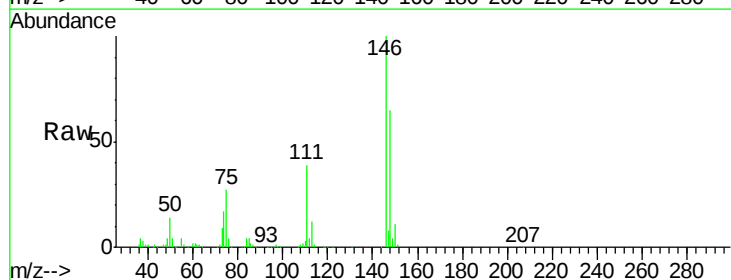
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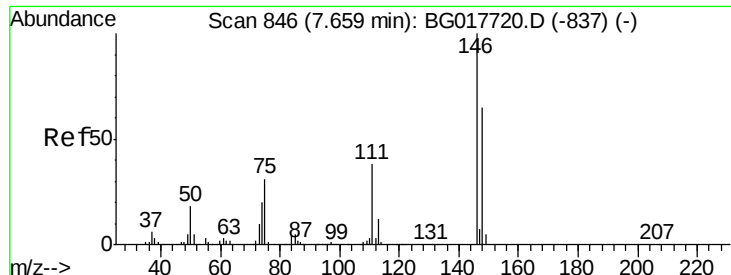
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#12
 1,3-Dichlorobenzene
 Concen: 32.99 ng
 RT: 7.47 min Scan# 814
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.6	50.8	76.2
75	27.2	25.8	38.6





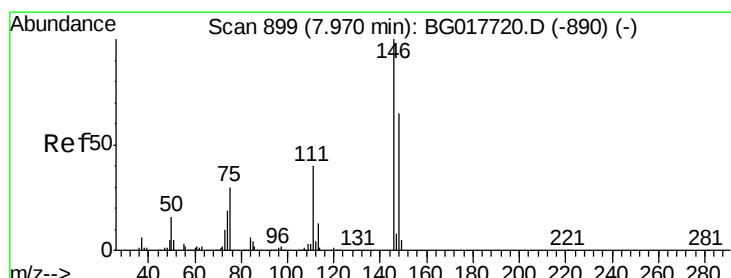
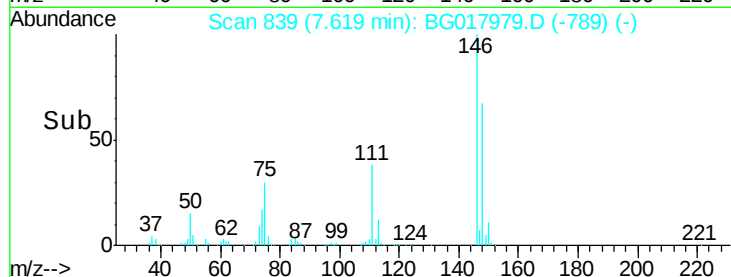
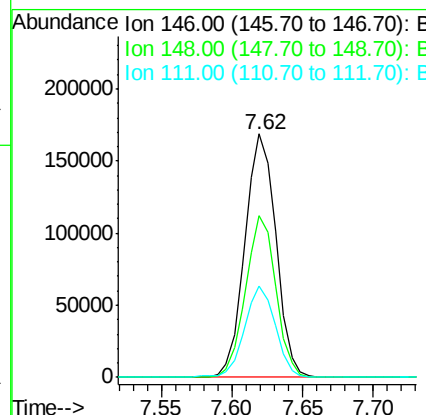
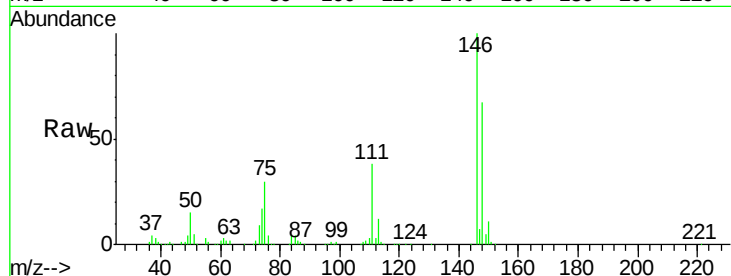
#13
 1,4-Dichlorobenzene
 Concen: 33.07 ng
 RT: 7.62 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	66.6	51.8	77.6
111	37.7	31.0	46.4

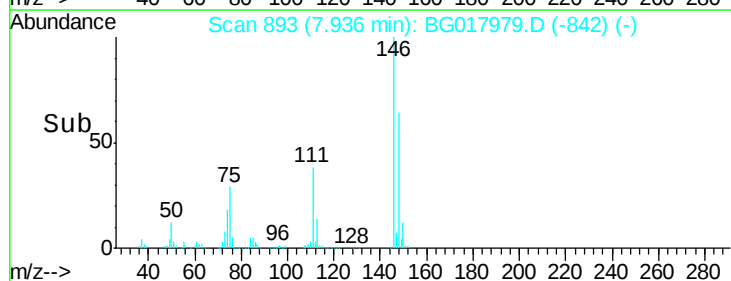
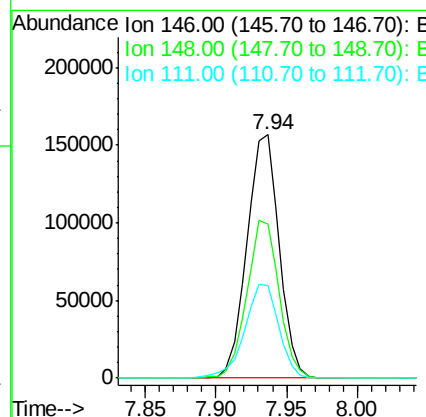
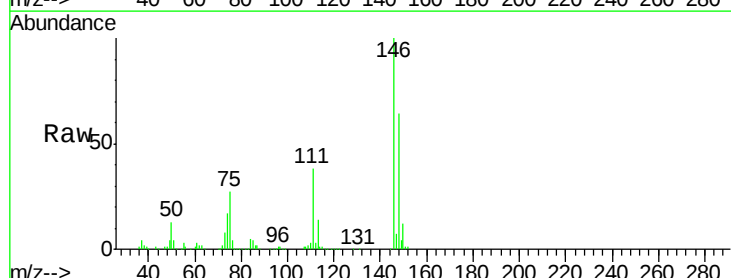
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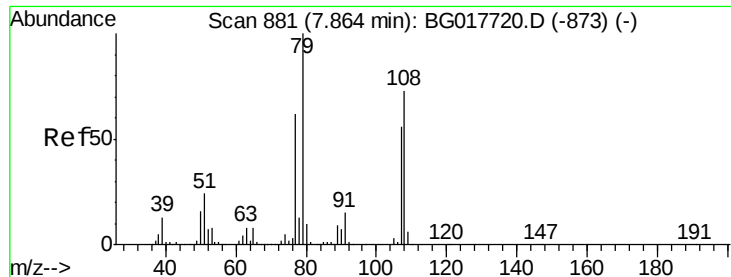
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#14
 1,2-Dichlorobenzene
 Concen: 33.32 ng
 RT: 7.94 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
146	100		
148	63.5	52.2	78.4
111	37.9	32.3	48.5





#15

Benzyl Alcohol

Concen: 34.47 ng

RT: 7.82 min Scan# 874

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

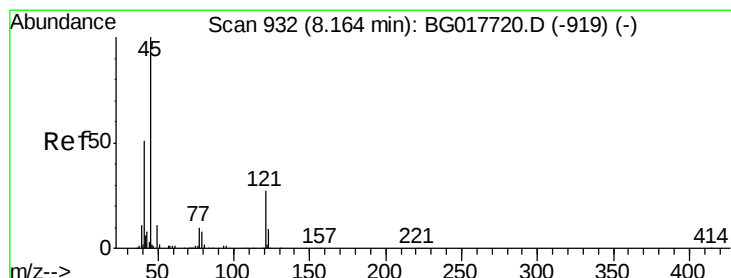
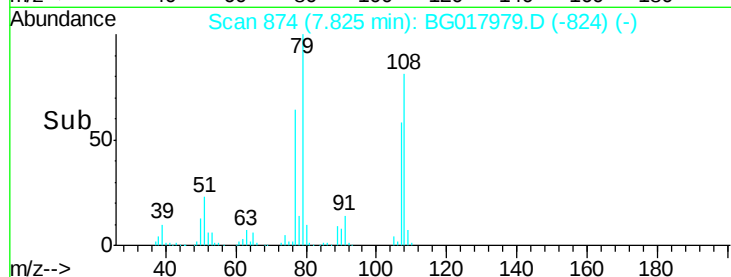
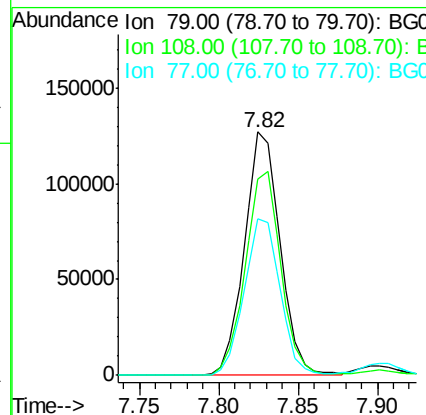
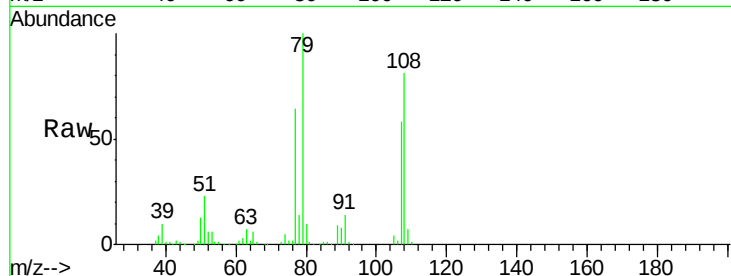
ClientSampleId :

PB84467BS

Tgt Ion	Ratio	Lower	Upper
79	100		
108	80.6	58.4	87.6
77	64.1	49.9	74.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.68 ng

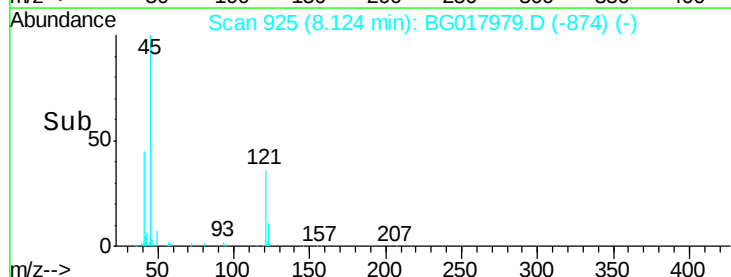
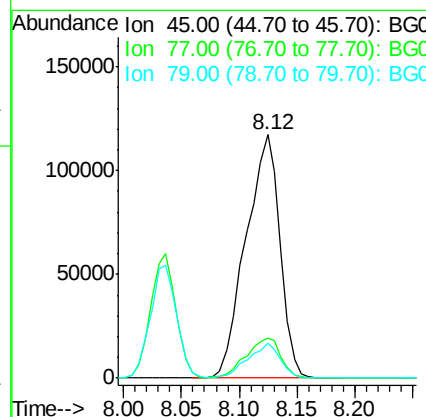
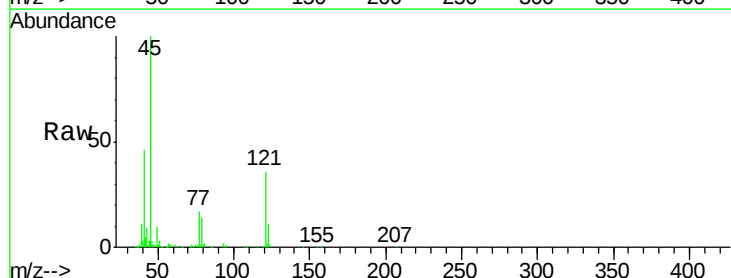
RT: 8.12 min Scan# 925

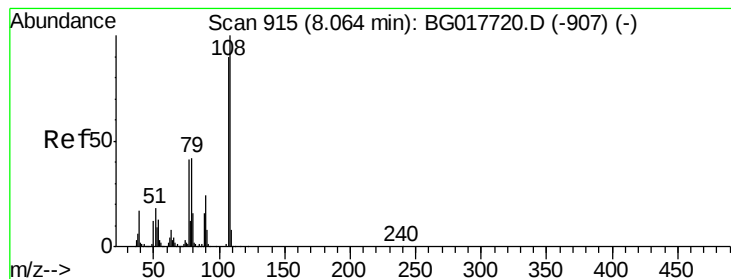
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	33.9
79	14.2	0.0	31.4





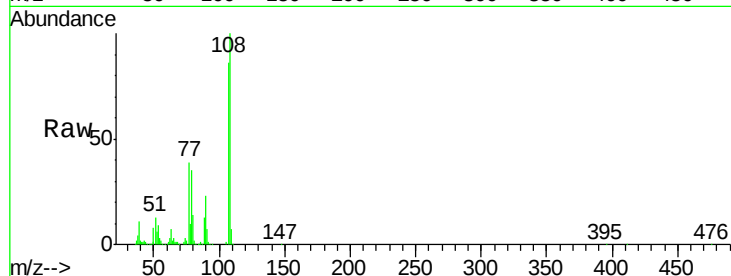
#17
2-Methylphenol
Concen: 35.41 ng
RT: 8.04 min Scan# 910
Delta R.T. 0.01 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

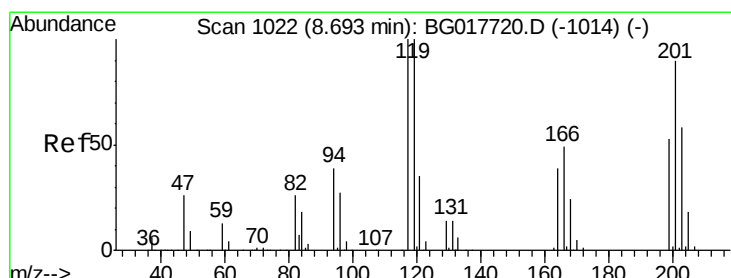
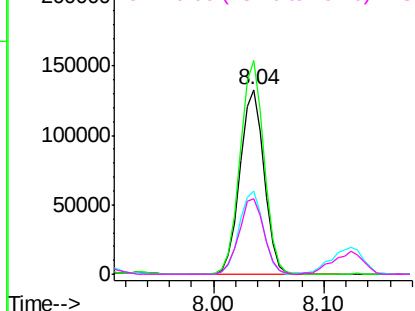
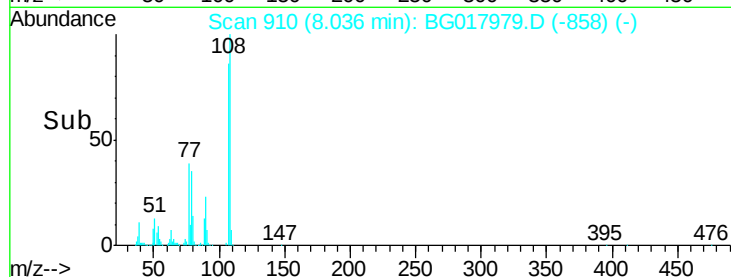
Tgt Ion	Ratio	Resp	Lower	Upper
107	100	204792		
108	115.8	89.3	133.9	
77	45.0	36.9	55.3	
79	41.1	37.6	56.4	

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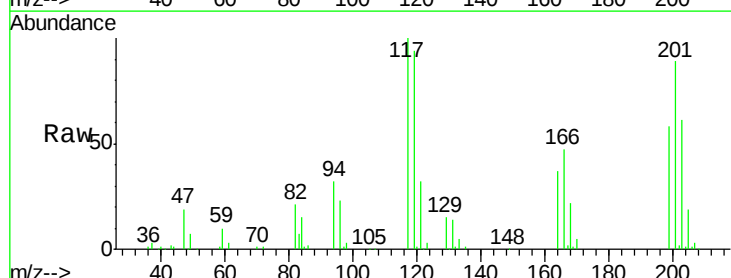


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

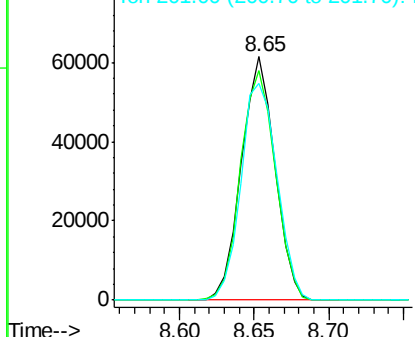
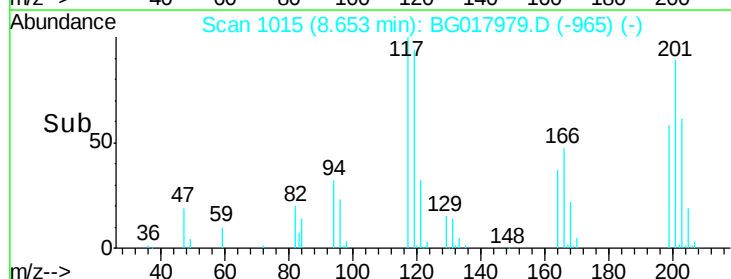


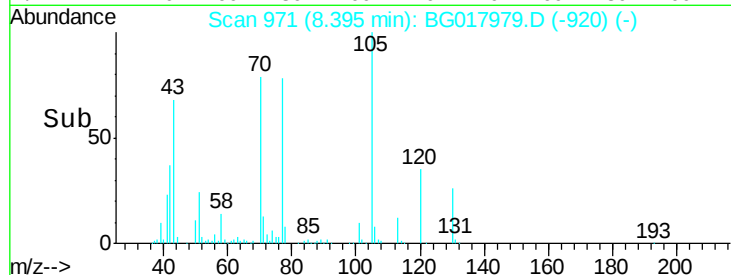
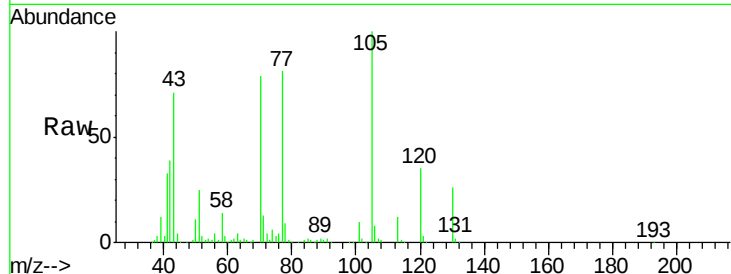
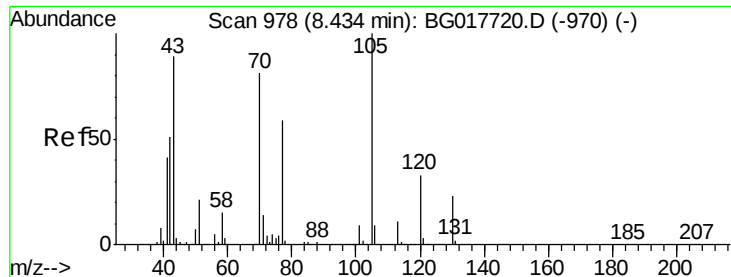
#18
Hexachloroethane
Concen: 32.18 ng
RT: 8.65 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	95690		
119	94.3	80.1	120.1	
201	89.0	71.9	107.9	



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





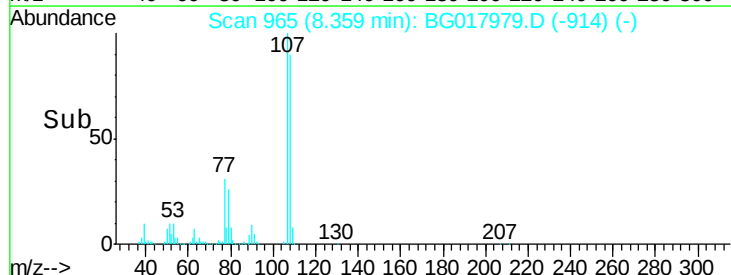
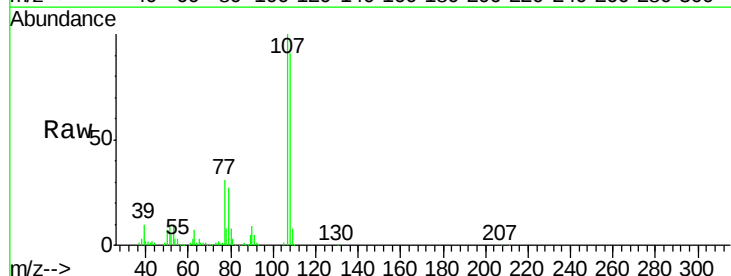
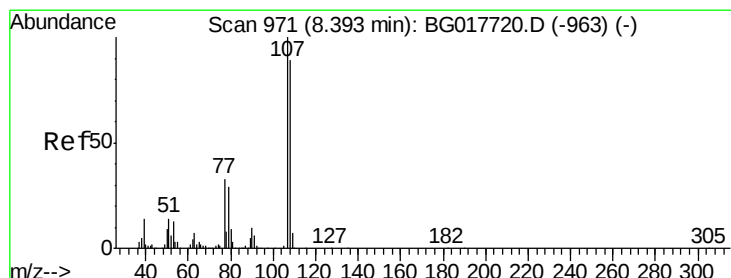
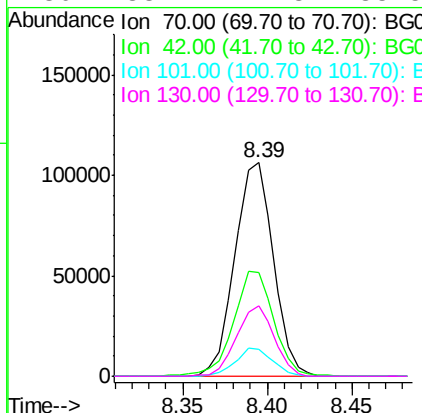
#19
n-Nitroso-di-n-propylamine
Concen: 29.79 ng
RT: 8.39 min Scan# 971
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Manual Integrations
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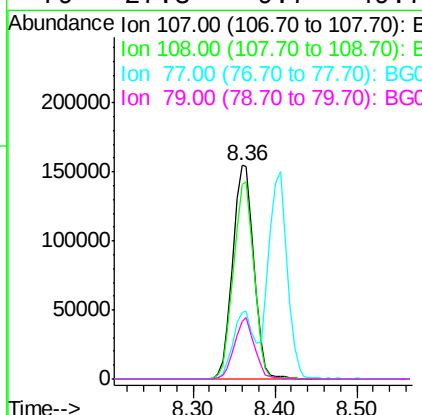
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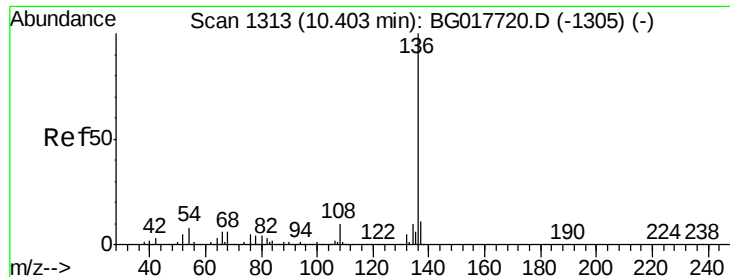
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.7	50.8	76.2#
101	12.7	8.7	13.1
130	33.2	22.3	33.5



#20
3+4-Methylphenols
Concen: 35.61 ng
RT: 8.36 min Scan# 965
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	69.6	109.6
77	31.1	13.0	53.0
79	27.3	9.7	49.7





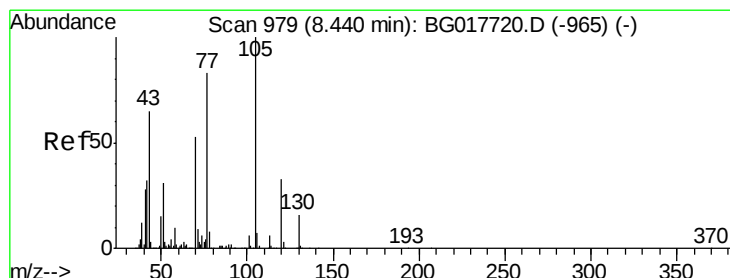
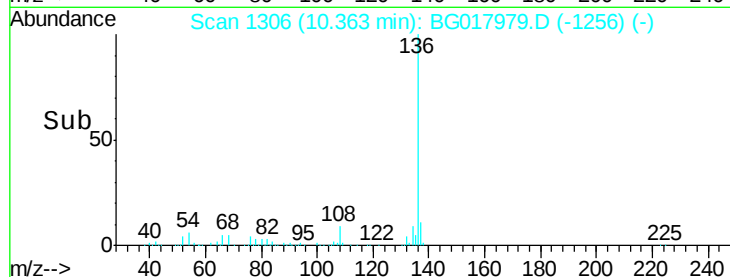
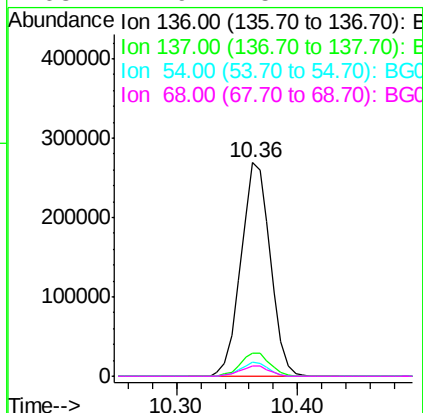
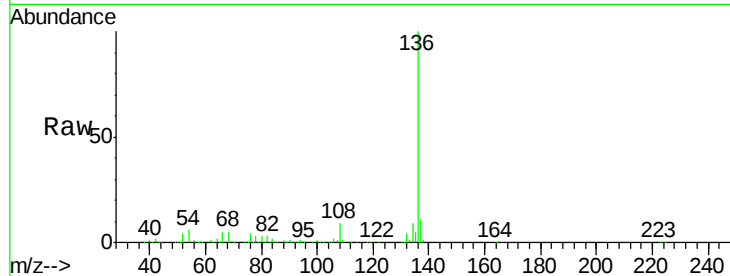
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.36 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		453952		
137	11.0	8.8	13.2		
54	6.4	6.6	9.8#		
68	4.9	5.1	7.7#		

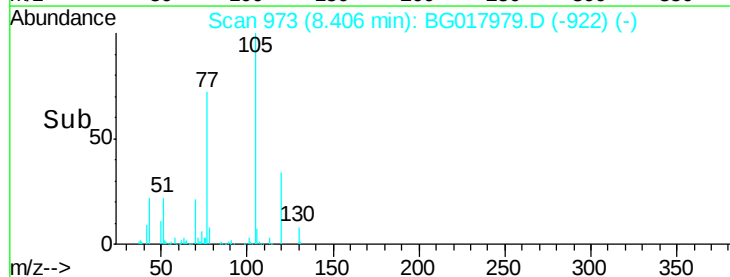
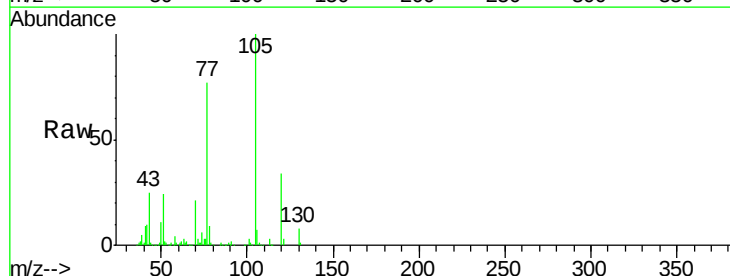
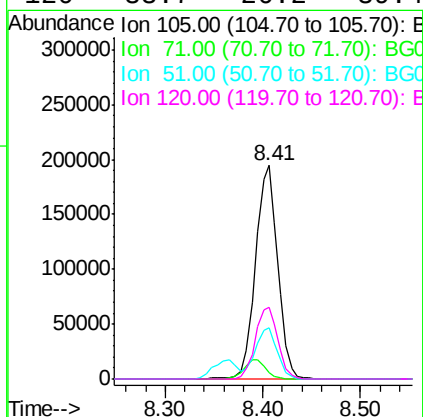
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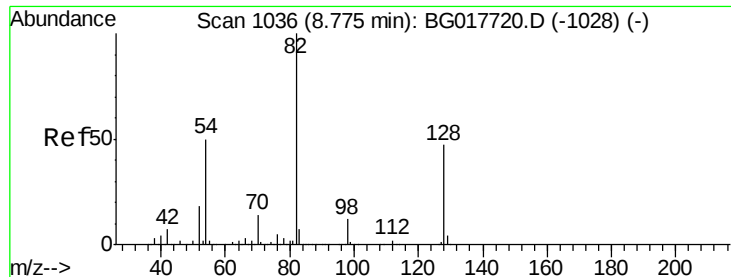
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#22
Acetophenone
Concen: 31.91 ng
RT: 8.41 min Scan# 973
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		312911		
71	3.3	7.7	11.5#		
51	23.9	24.9	37.3#		
120	33.7	26.2	39.4		





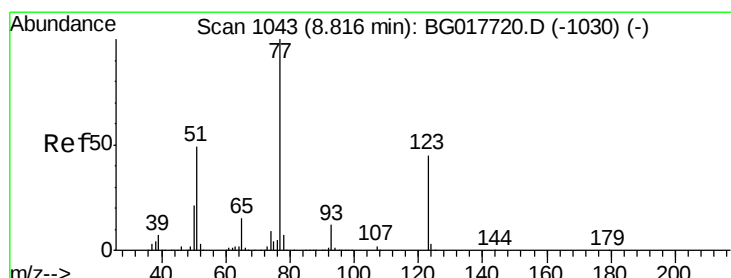
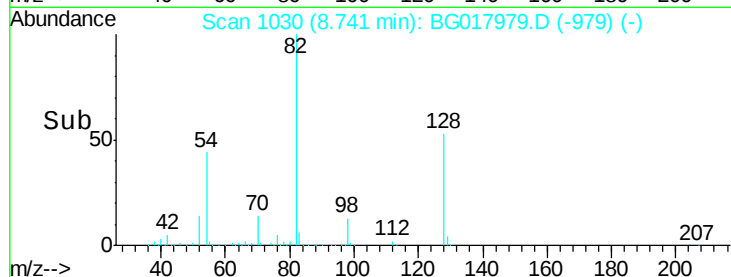
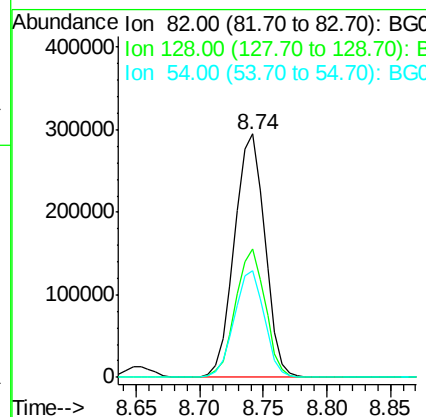
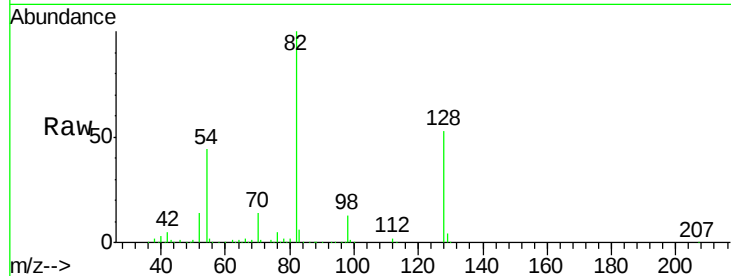
#23
 Nitrobenzene-d5
 Concen: 69.91 ng
 RT: 8.74 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	489989		
128	52.7	37.8	56.6	
54	43.8	39.9	59.9	

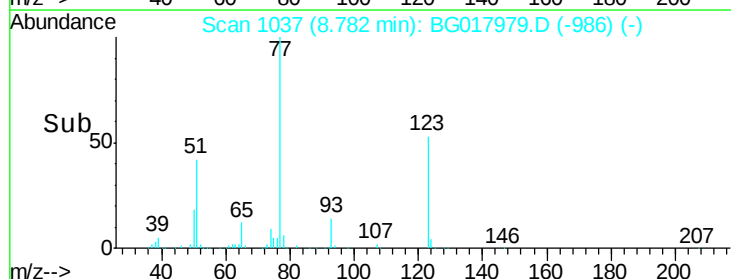
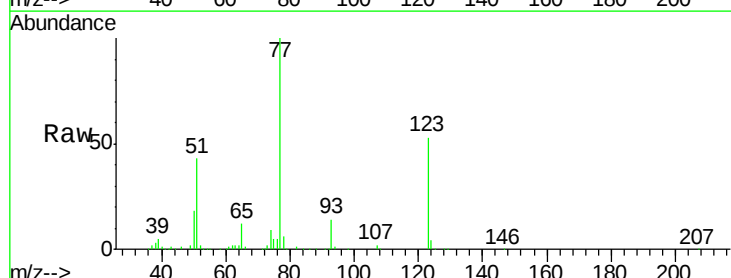
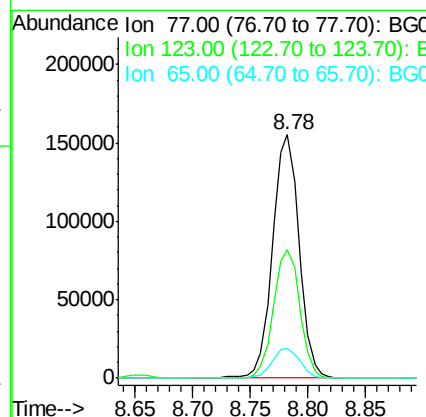
Manual Integrations
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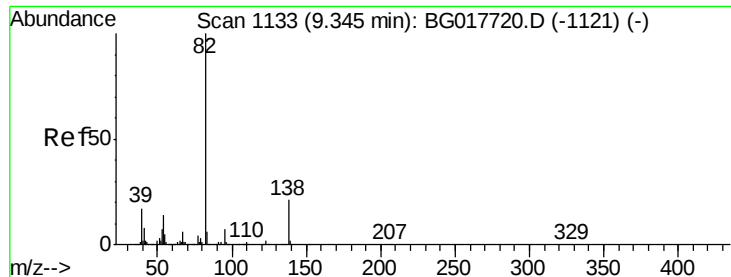
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#24
 Nitrobenzene
 Concen: 33.30 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	248644		
123	52.7	36.2	54.2	
65	12.5	11.7	17.5	





#25

Isophorone

Concen: 31.45 ng

RT: 9.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

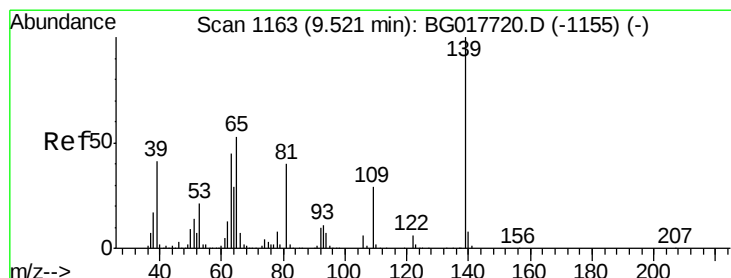
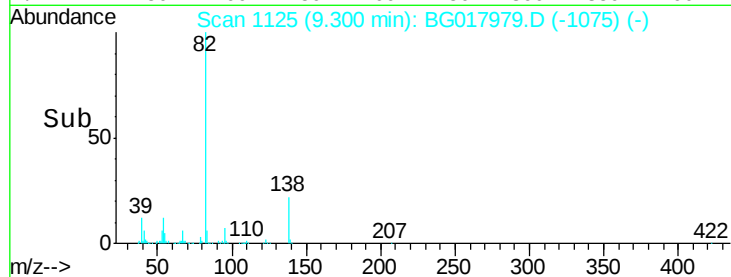
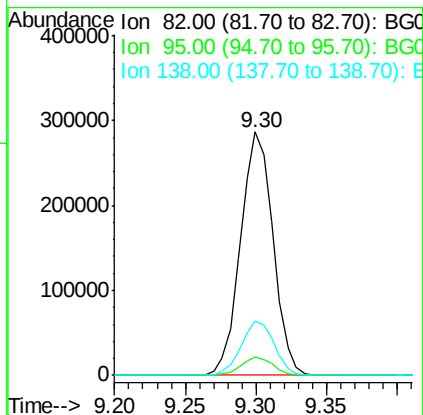
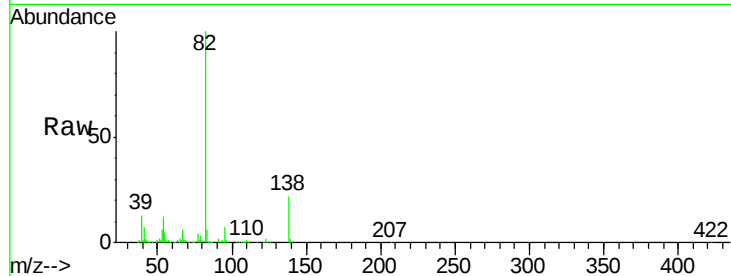
ClientSampleId :

PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	462225		
95	7.4	5.8	8.8	
138	22.3	17.0	25.6	

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#26

2-Nitrophenol

Concen: 39.40 ng

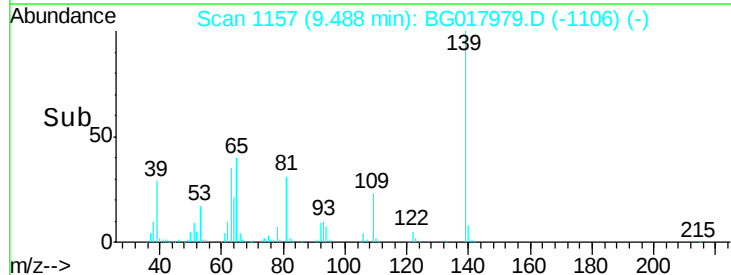
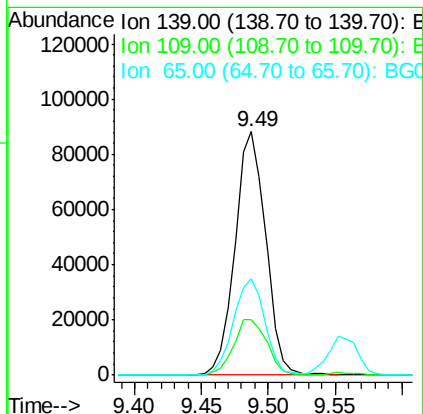
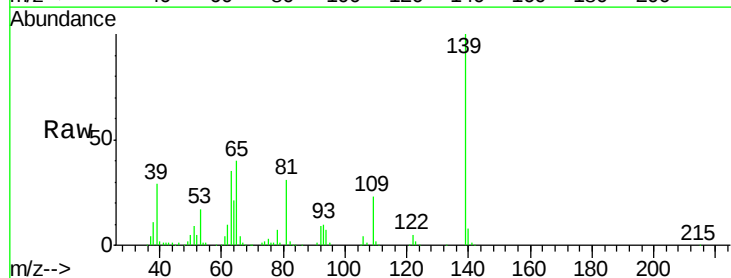
RT: 9.49 min Scan# 1157

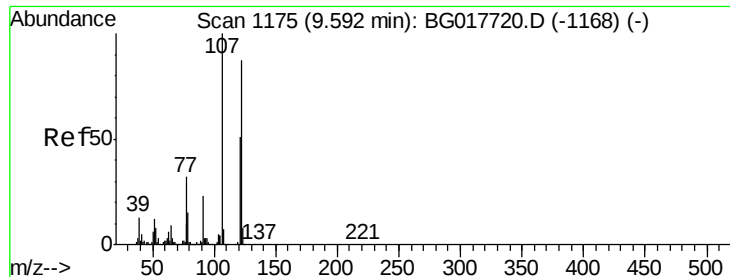
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	140376		
109	23.0	23.0	34.4	
65	39.6	42.0	63.0#	





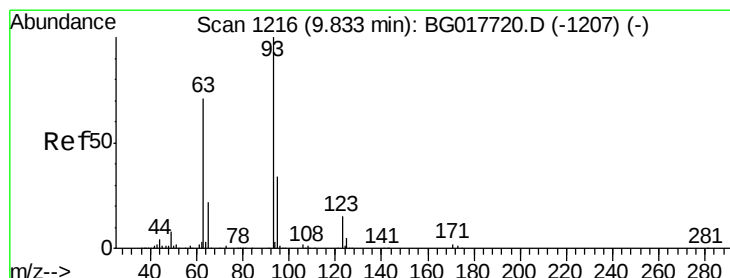
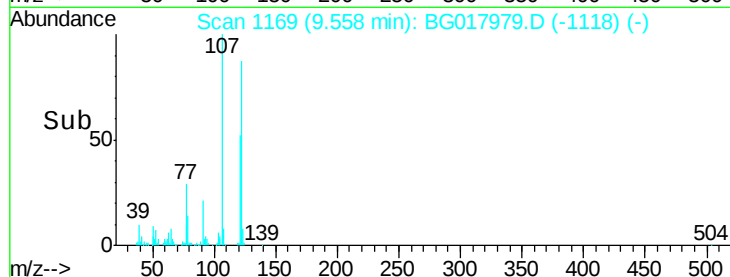
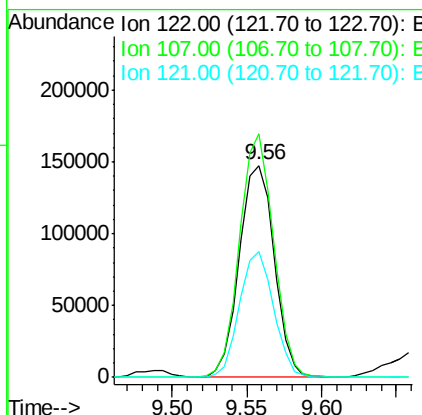
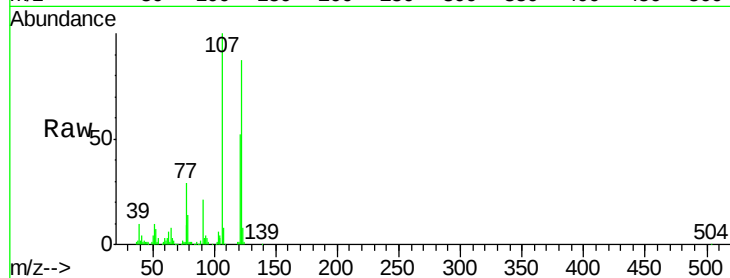
#27
 2,4-Dimethylphenol
 Concen: 37.20 ng
 RT: 9.56 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	241138		
107	115.0	92.2	138.2	
121	59.5	46.5	69.7	

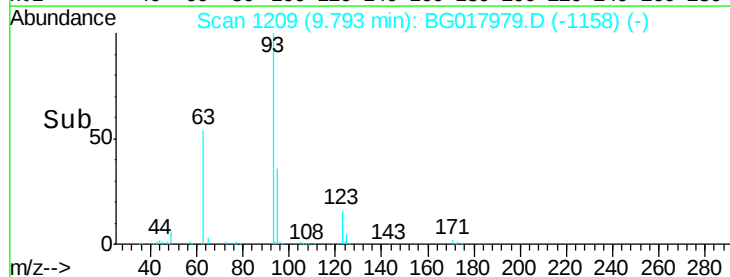
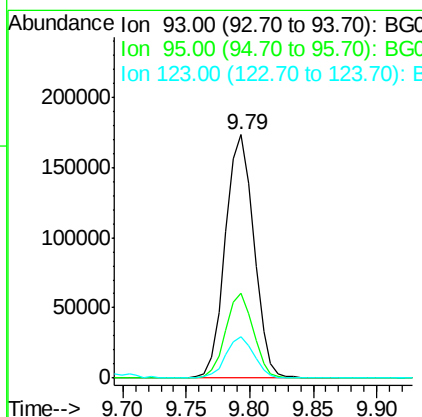
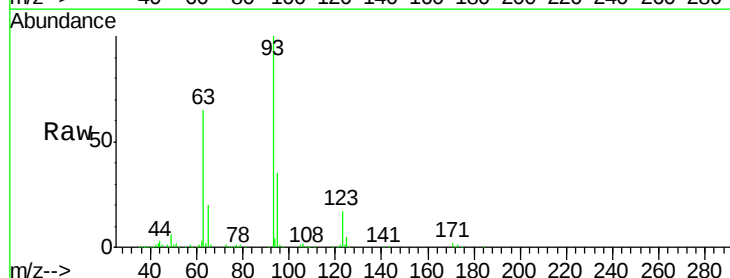
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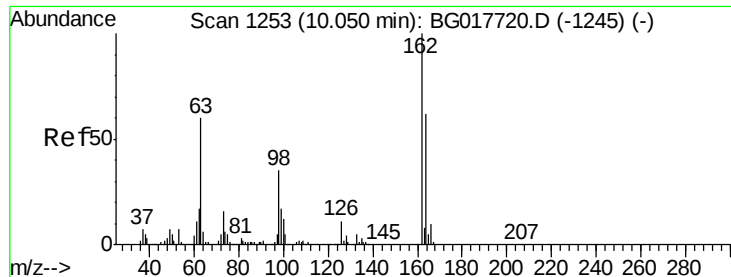
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.13 ng
 RT: 9.79 min Scan# 1209
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	271352		
95	34.7	26.9	40.3	
123	16.8	12.0	18.0	





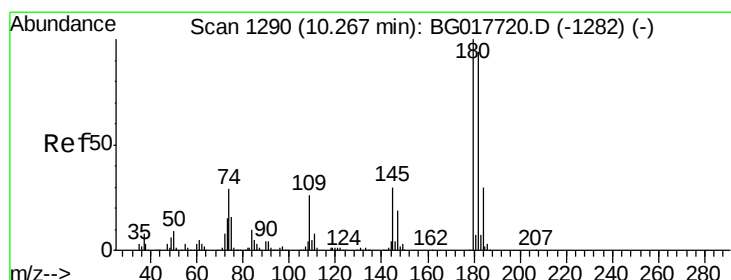
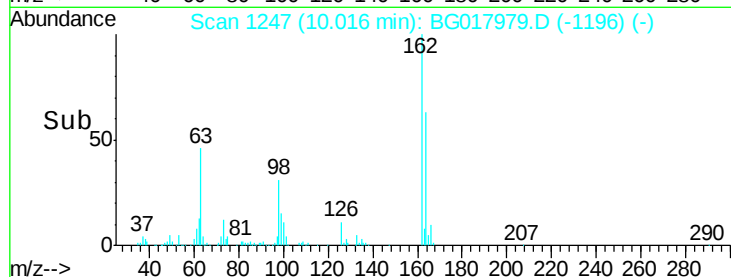
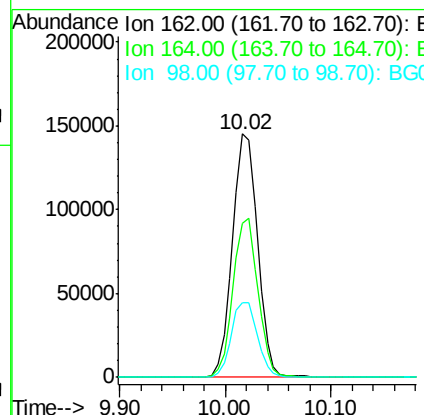
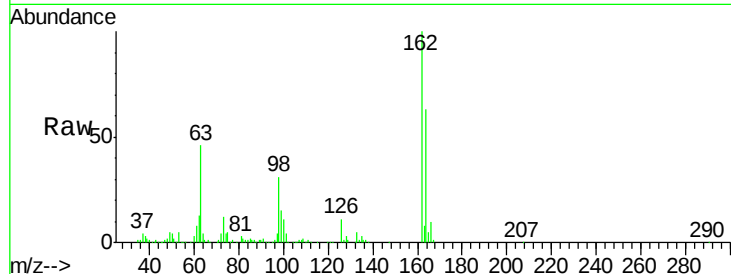
#29
2,4-Dichlorophenol
Concen: 41.44 ng
RT: 10.02 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.2	42.5	82.5
98	30.9	15.1	55.1

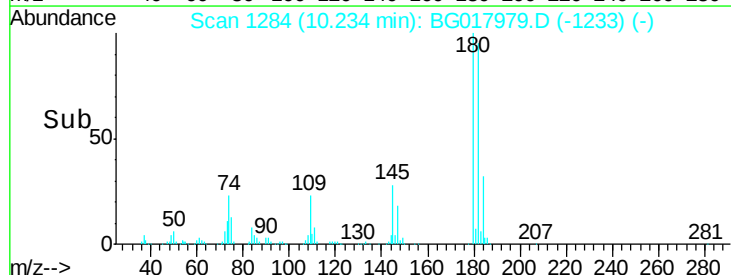
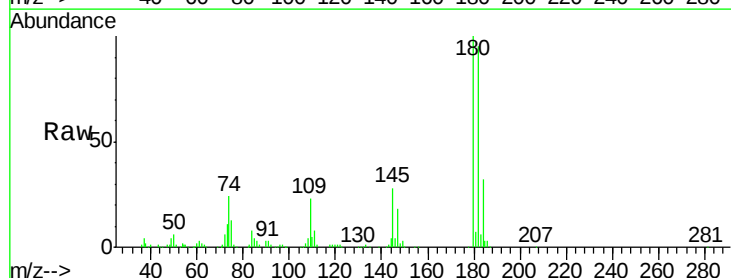
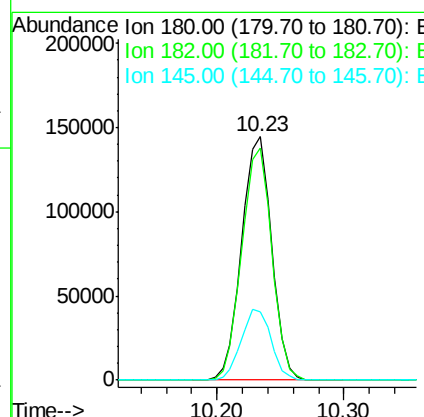
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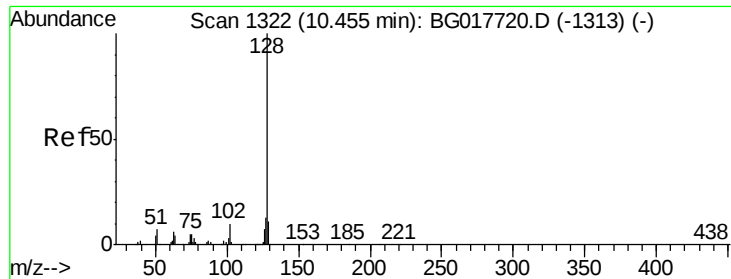
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#30
1,2,4-Trichlorobenzene
Concen: 34.50 ng
RT: 10.23 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.3	75.2	112.8
145	27.8	24.1	36.1





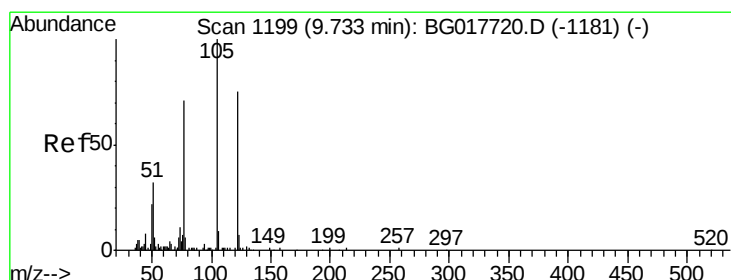
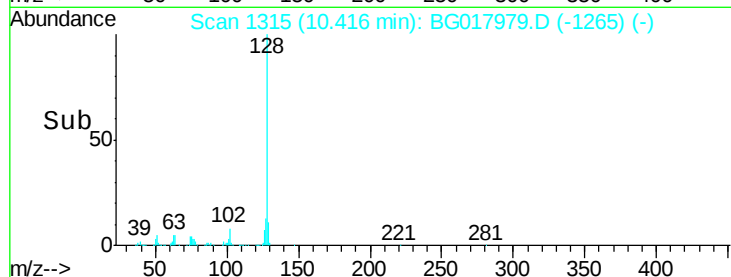
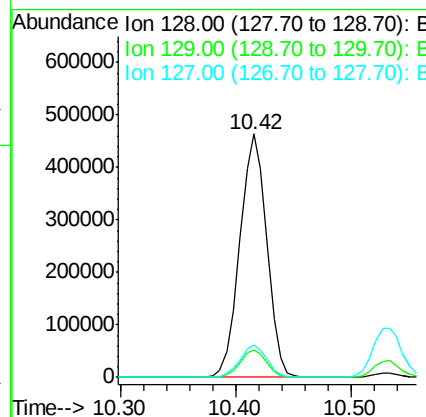
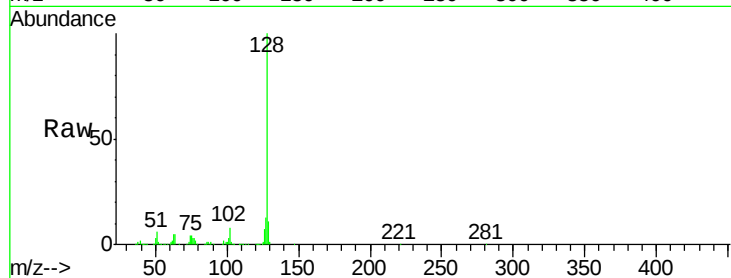
#31
Naphthalene
Concen: 33.69 ng
RT: 10.42 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	748644		
129	11.0	9.0	13.6	
127	13.4	10.7	16.1	

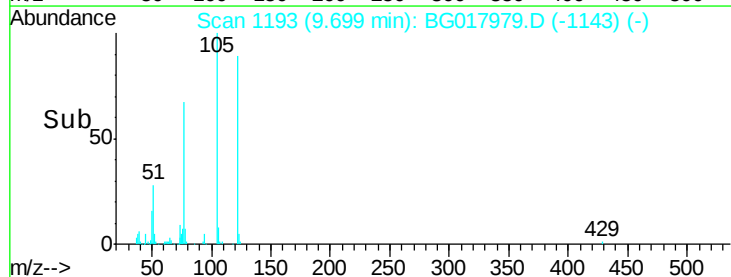
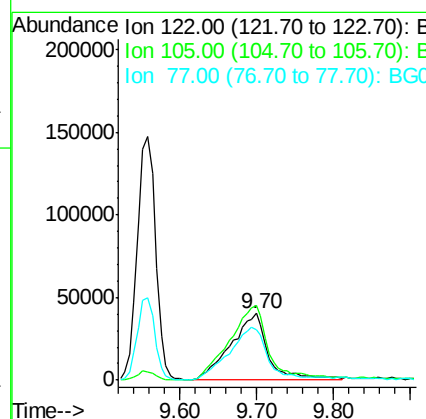
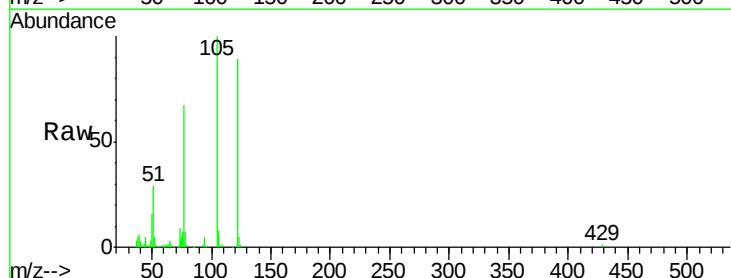
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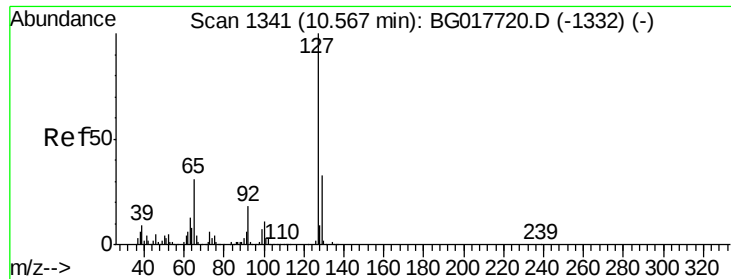
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#32
Benzoic acid
Concen: 50.05 ng
RT: 9.70 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	132554		
105	112.3	111.3	151.3	
77	75.7	75.2	115.2	





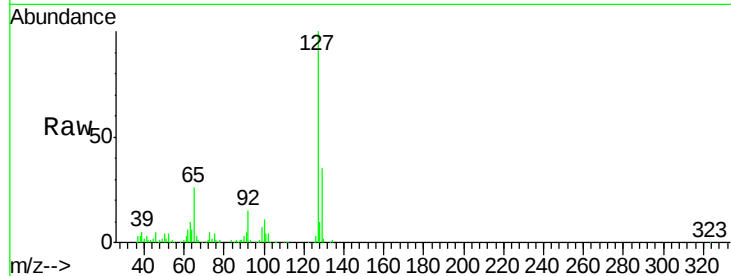
#33
4-Chloroaniline
Concen: 16.90 ng
RT: 10.53 min Scan# 1335
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

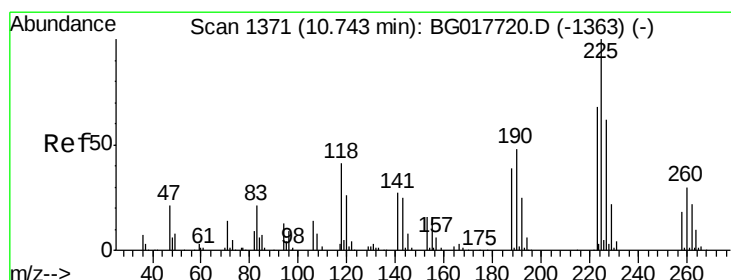
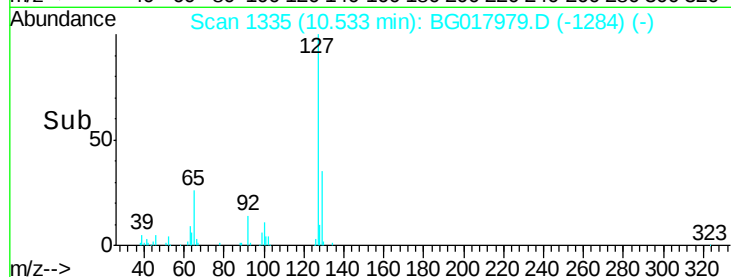
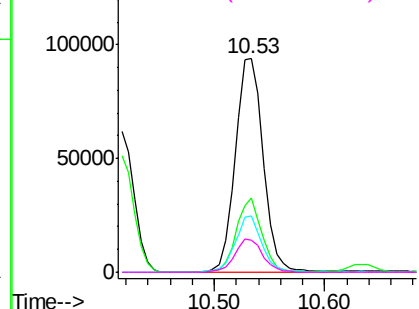
Tgt Ion	Ratio	Resp Lower	Resp Upper
127	100		
129	34.8	26.7	40.1
65	26.5	24.6	37.0
92	14.9	14.2	21.4

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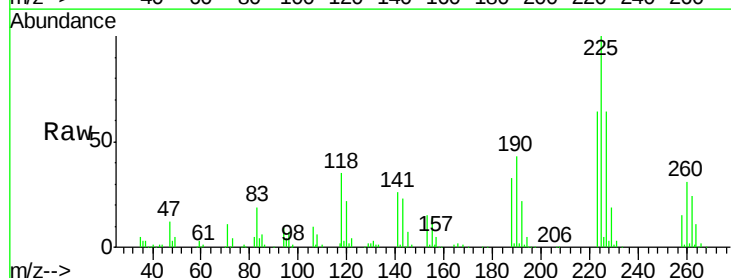


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

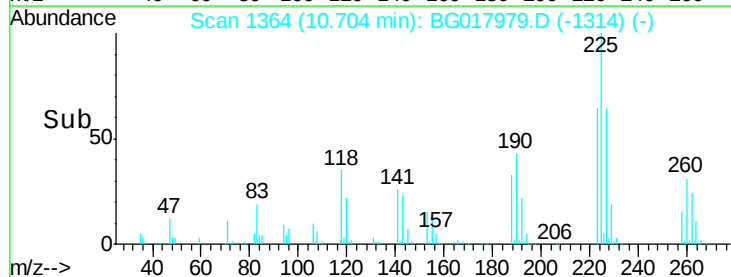
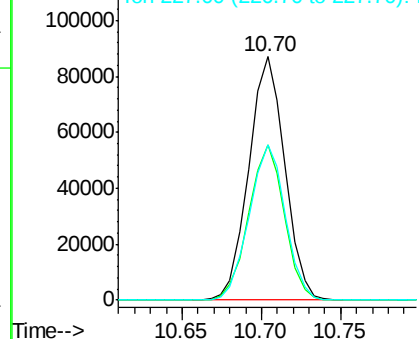


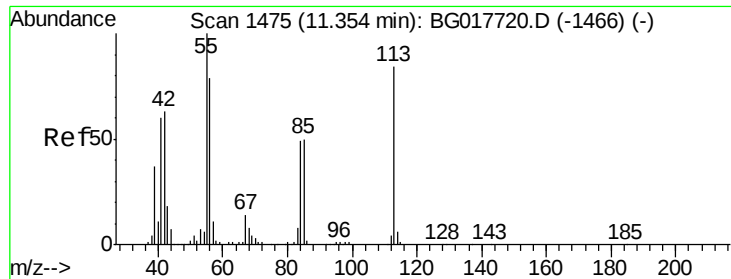
#34
Hexachlorobutadiene
Concen: 35.49 ng
RT: 10.70 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	63.9	54.3	81.5
227	63.6	49.4	74.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 34.90 ng m

RT: 11.30 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

ClientSampleId :

PB84467BS

Tgt Ion:113 Resp: 102396

Ion Ratio Lower Upper

113 100

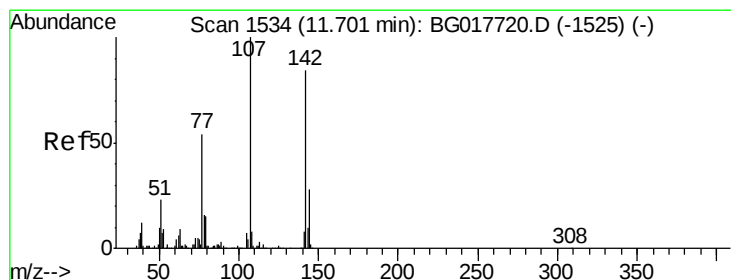
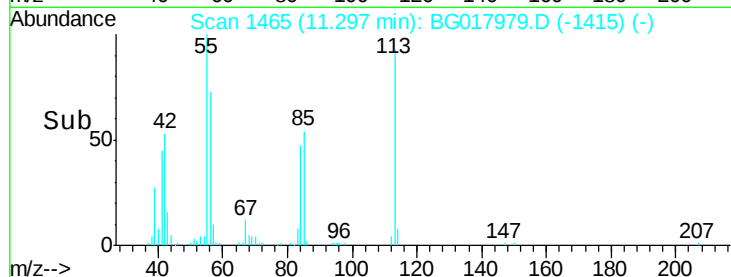
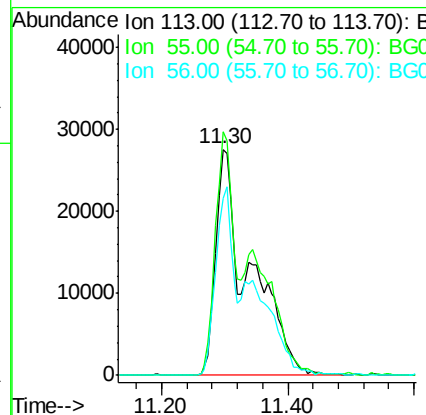
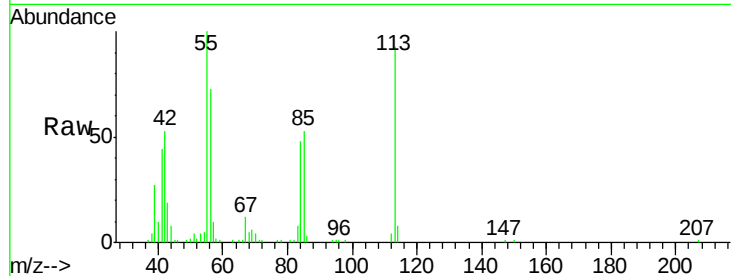
55 107.9 100.8 140.8

56 78.3 75.5 115.5

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#36

4-Chloro-3-methylphenol

Concen: 37.53 ng

RT: 11.67 min Scan# 1529

Delta R.T. 0.01 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

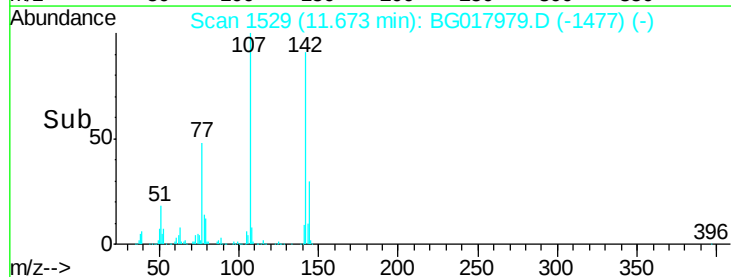
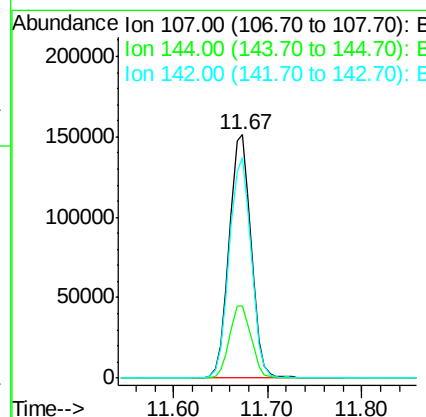
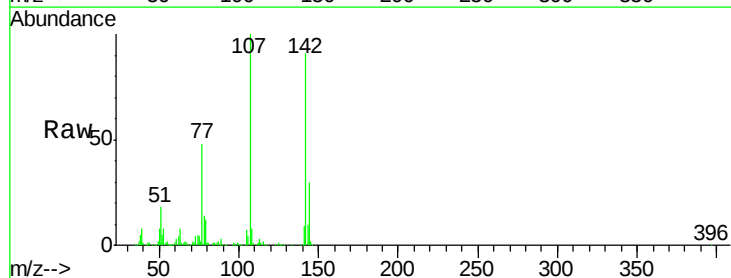
Tgt Ion:107 Resp: 245994

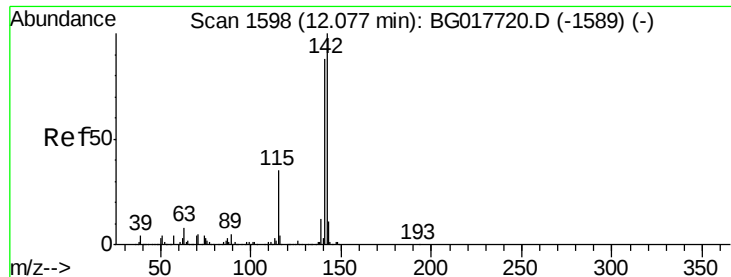
Ion Ratio Lower Upper

107 100

144 29.8 22.2 33.4

142 90.8 67.1 100.7





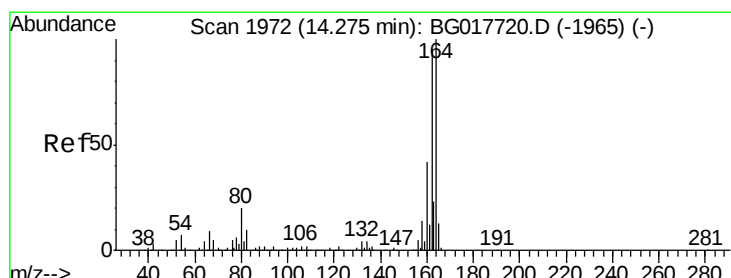
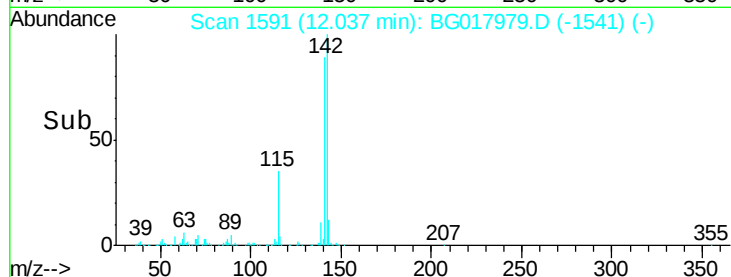
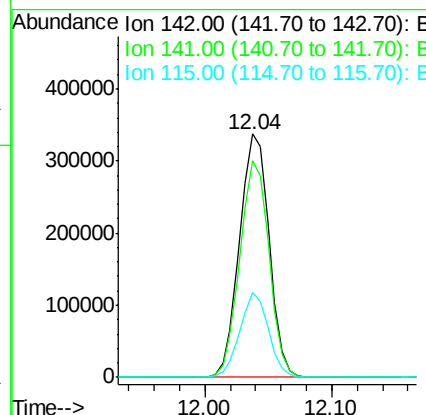
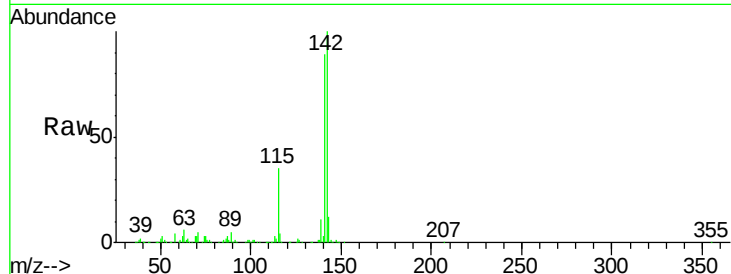
#37
2-Methylnaphthalene
Concen: 34.16 ng
RT: 12.04 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	544791		
141	89.2	70.7	106.1	
115	34.7	27.8	41.8	

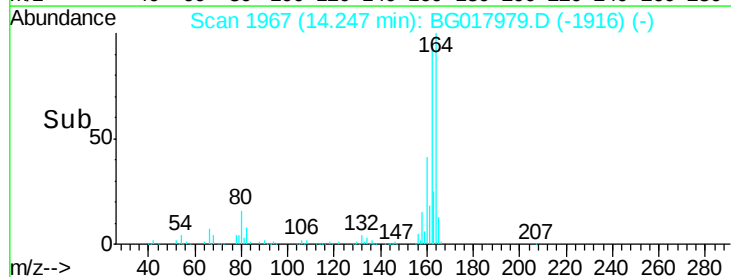
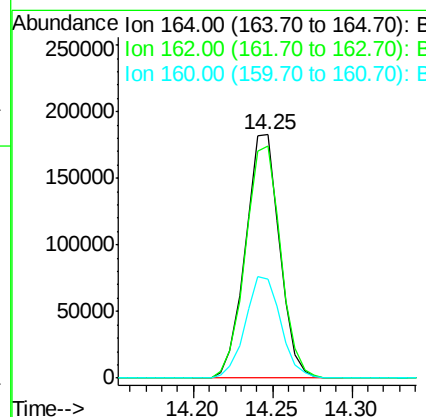
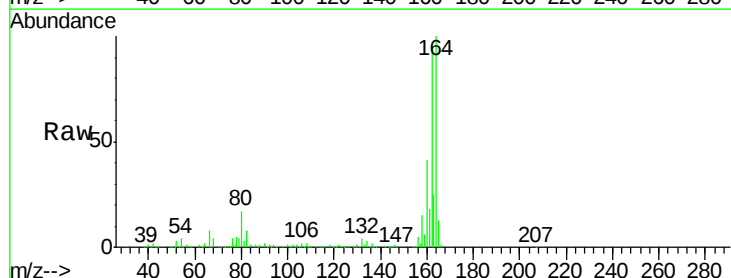
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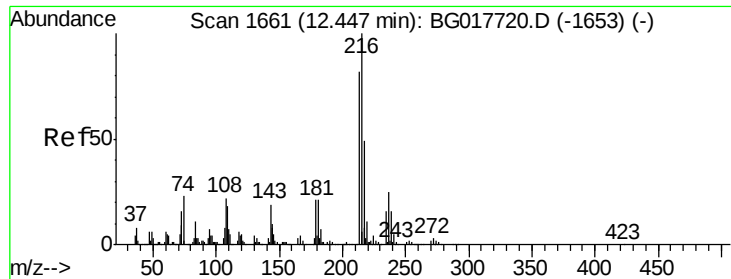
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	272331		
162	95.4	76.3	114.5	
160	40.8	33.7	50.5	





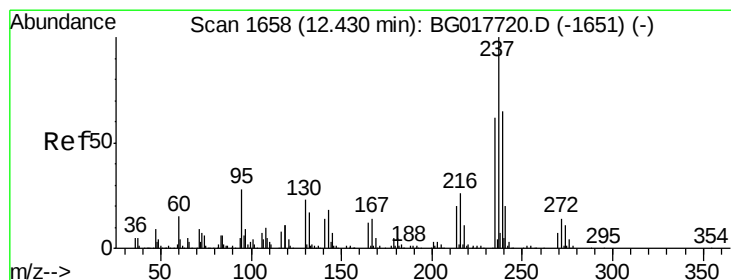
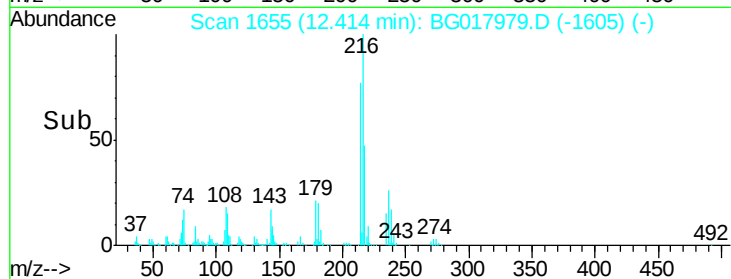
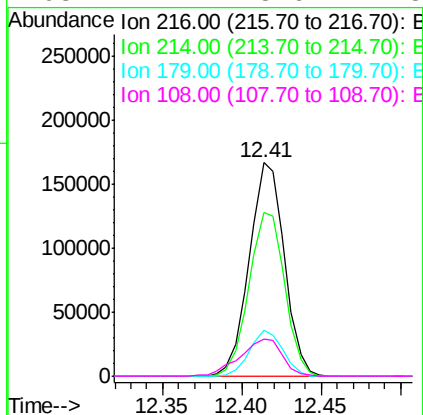
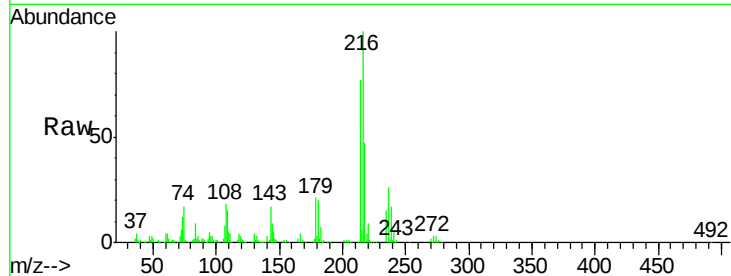
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.13 ng
 RT: 12.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp Lower	Upper
216	100		
214	78.1	64.5	96.7
179	20.6	16.7	25.1
108	21.1	18.6	27.8

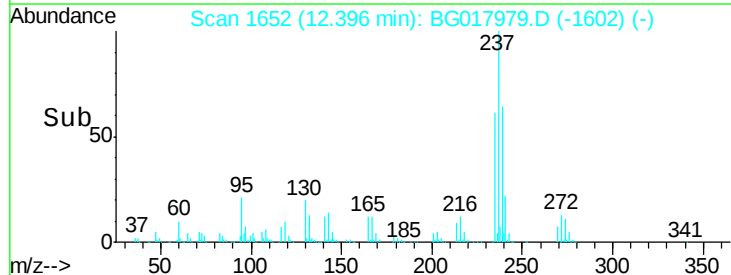
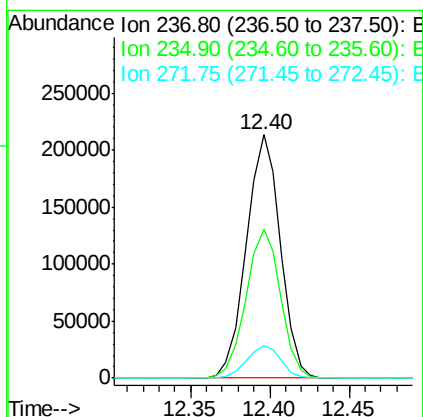
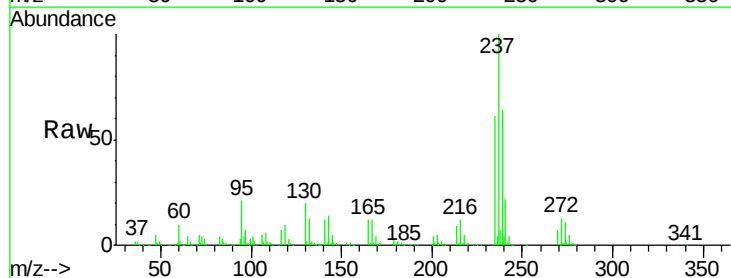
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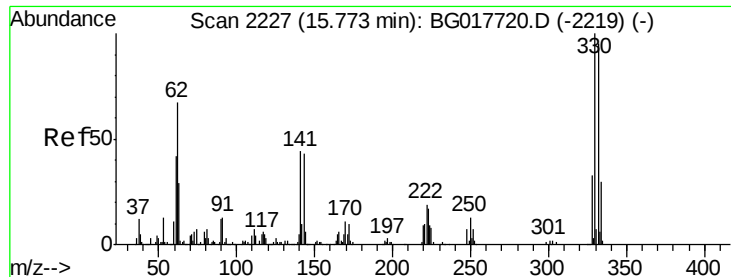
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#40
 Hexachlorocyclopentadiene
 Concen: 79.61 ng
 RT: 12.40 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.3	42.2	82.2
272	13.1	0.0	33.9





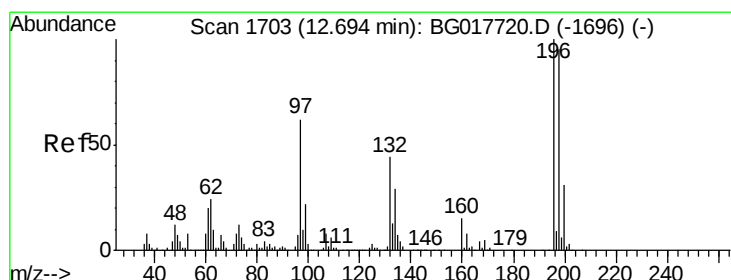
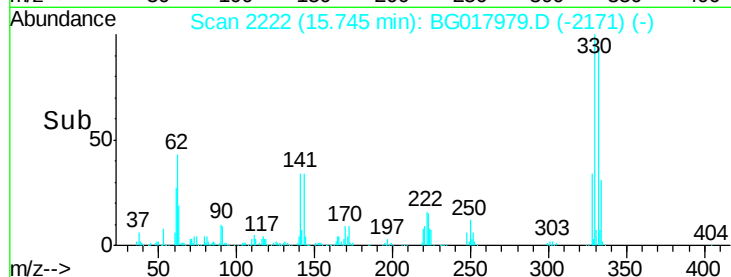
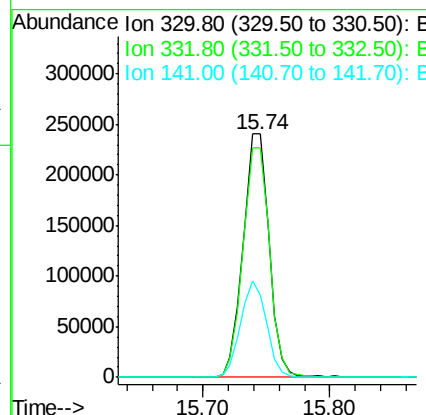
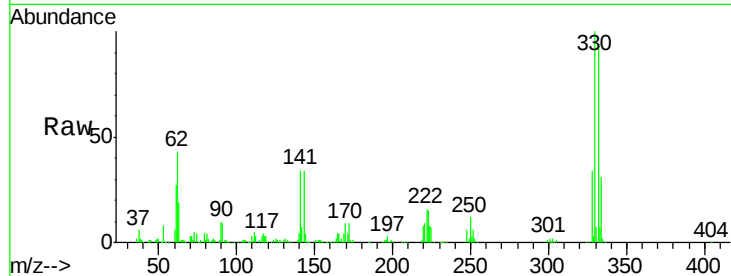
#41
 2,4,6-Tribromophenol
 Concen: 123.89 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	341822		
332	96.6	76.8	115.2	
141	39.3	38.0	57.0	

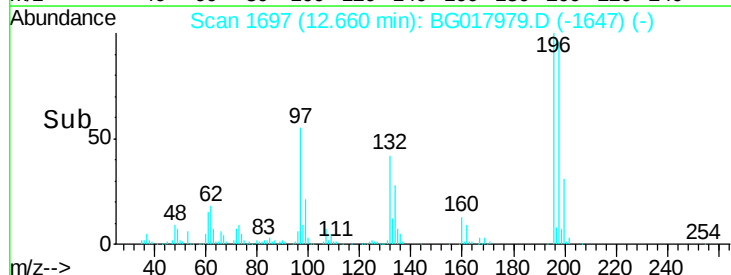
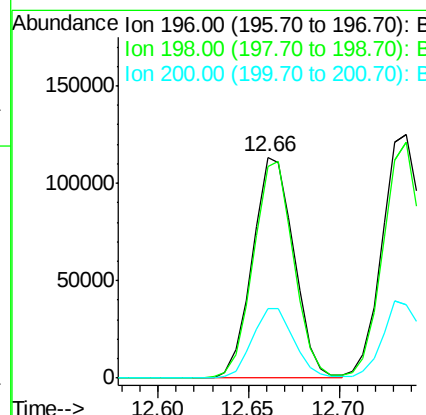
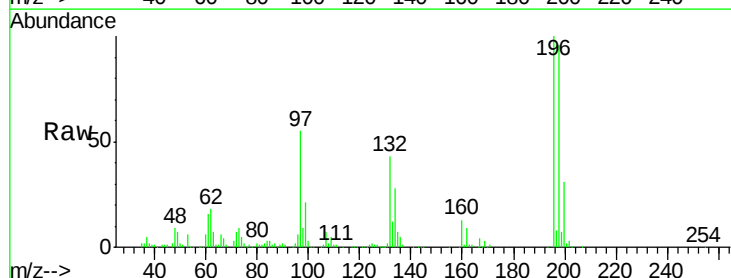
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#42
 2,4,6-Trichlorophenol
 Concen: 37.87 ng
 RT: 12.66 min Scan# 1697
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	179788		
198	95.6	76.2	114.4	
200	31.4	24.6	36.8	





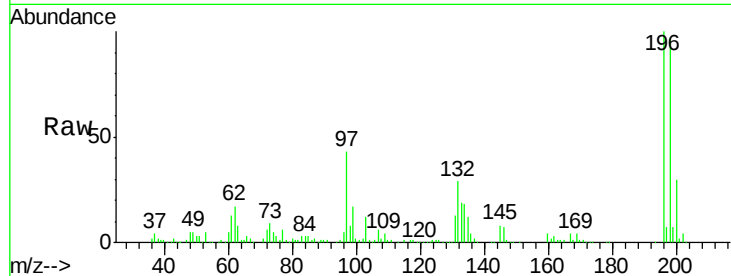
#43
 2,4,5-Trichlorophenol
 Concen: 40.27 ng
 RT: 12.74 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

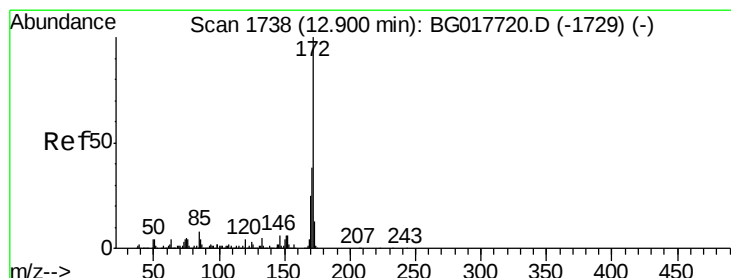
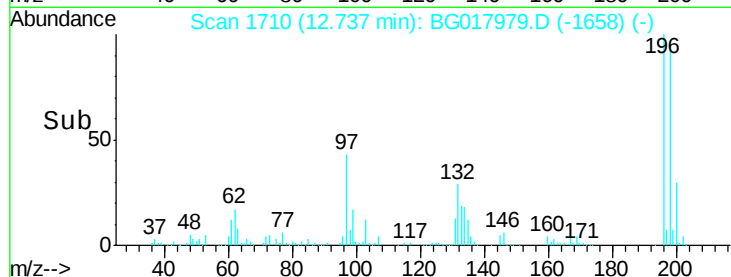
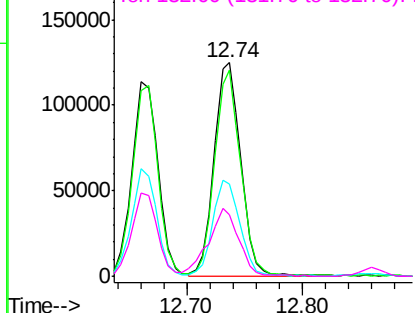
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	198787		
198	96.7	78.1	117.1	
97	43.4	42.6	64.0	
132	29.0	22.6	33.8	

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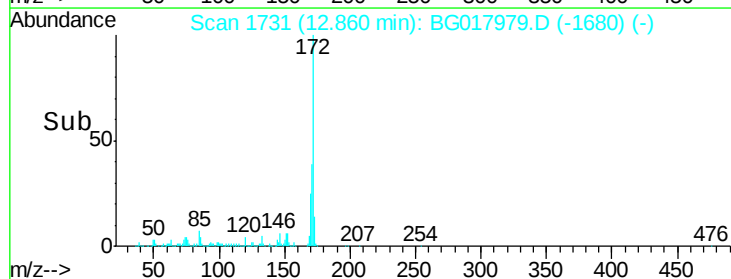
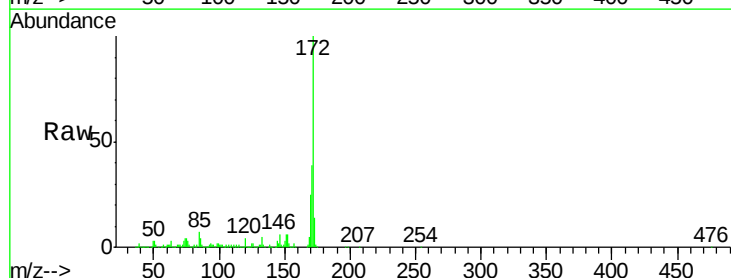
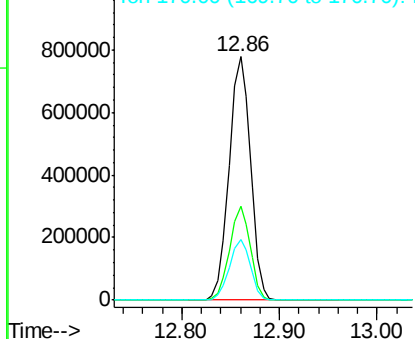
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

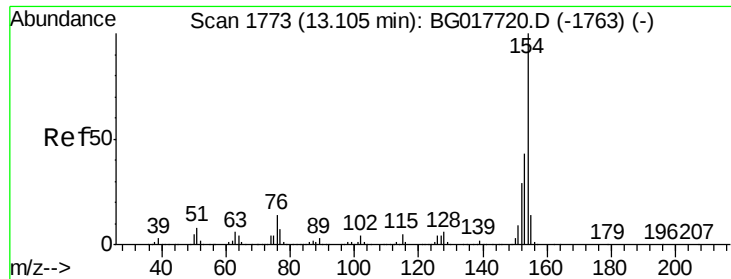


#44
 2-Fluorobiphenyl
 Concen: 75.16 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1181161		
171	38.6	30.7	46.1	
170	24.8	19.7	29.5	

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





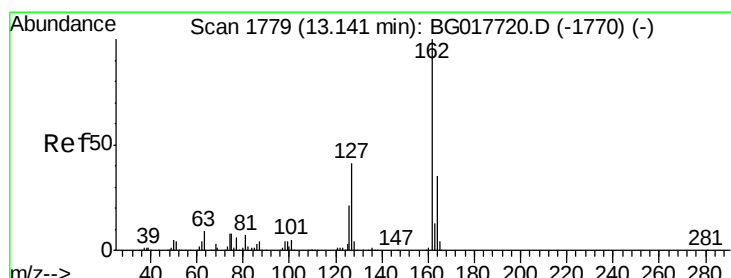
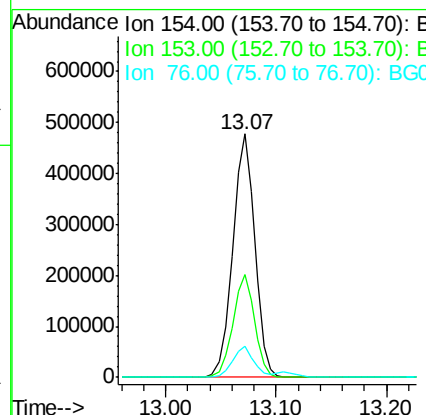
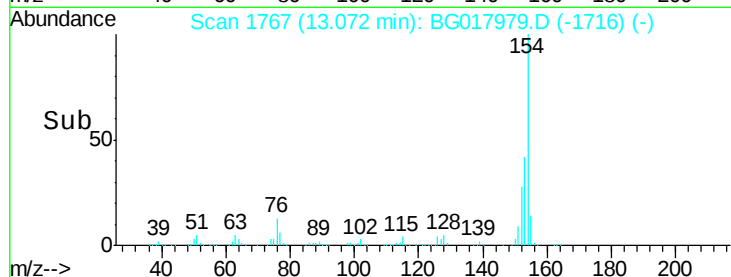
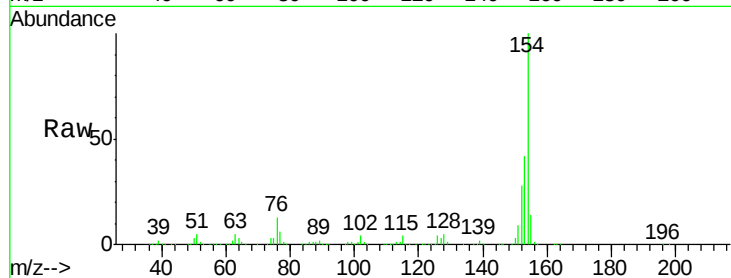
#45
 1,1'-Biphenyl
 Concen: 34.95 ng
 RT: 13.07 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	666303		
153	42.4	23.5	63.5	
76	12.7	0.0	33.7	

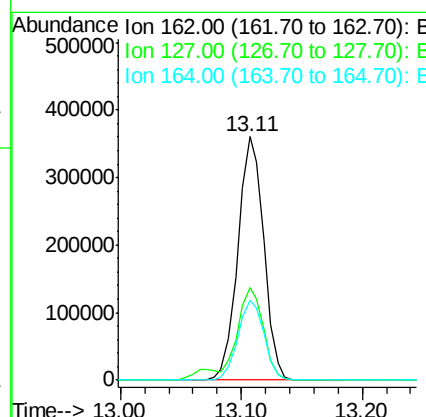
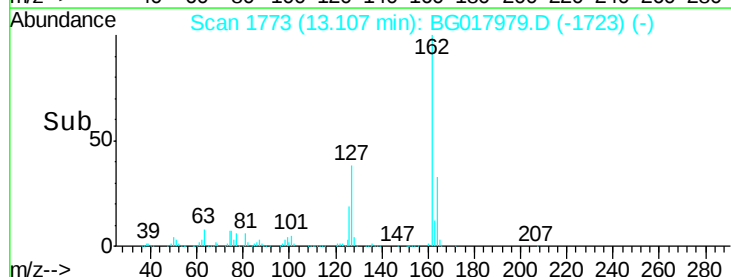
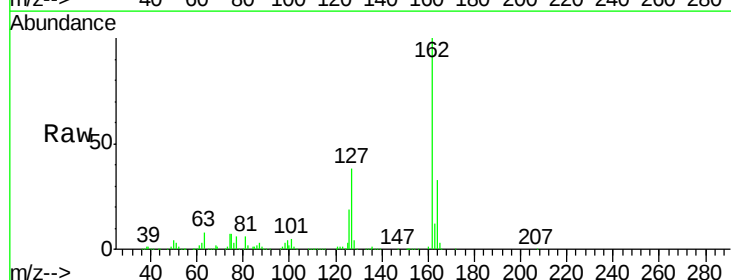
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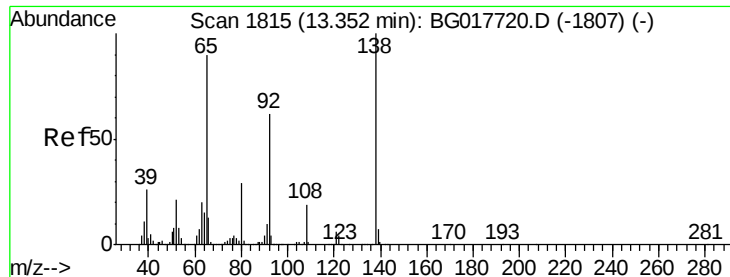
apatel
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#46
 2-Chloronaphthalene
 Concen: 34.73 ng
 RT: 13.11 min Scan# 1773
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	536624		
127	38.2	33.2	49.8	
164	32.5	27.7	41.5	





#47

2-Nitroaniline

Concen: 34.87 ng

RT: 13.32 min Scan# 1809

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

ClientSampleId :

PB84467BS

Tgt Ion: 65 Resp: 144649
Ion Ratio Lower Upper

65 100

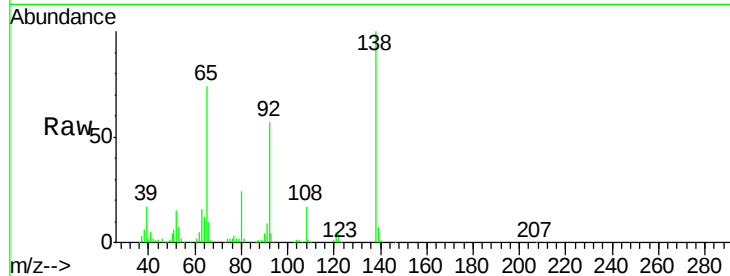
92 76.8 55.4 83.2

138 134.3 89.1 133.7#

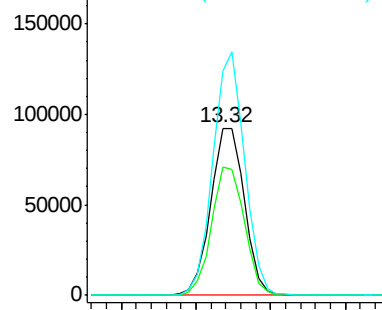
Manual Integrations
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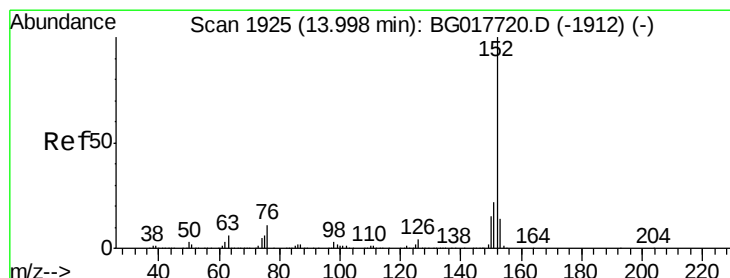
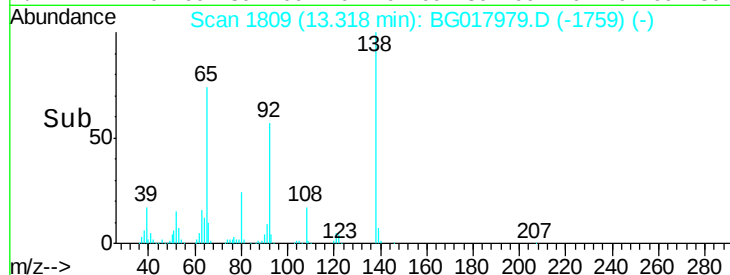
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Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



Time-->



#48

Acenaphthylene

Concen: 34.18 ng

RT: 13.96 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BG017979.D

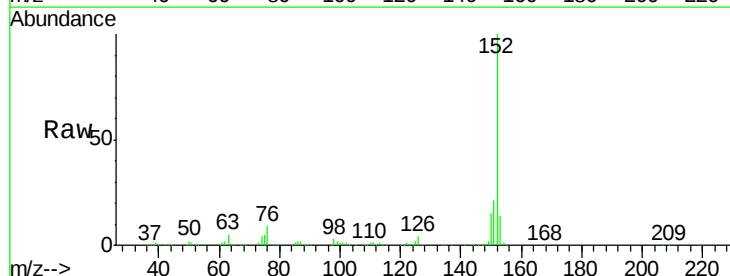
Acq: 20 Jul 2015 4:12

Tgt Ion: 152 Resp: 880616
Ion Ratio Lower Upper

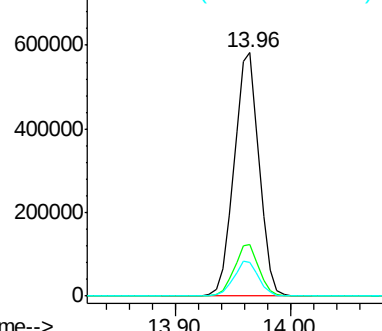
152 100

151 21.0 17.4 26.2

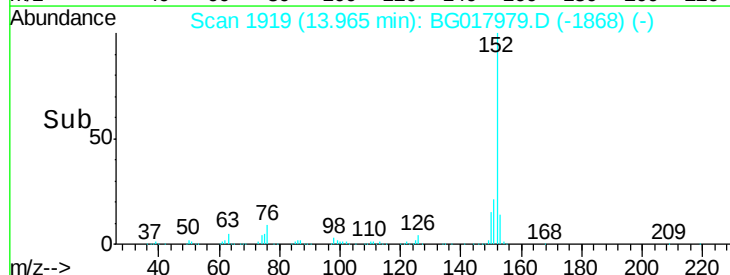
153 13.8 11.0 16.6

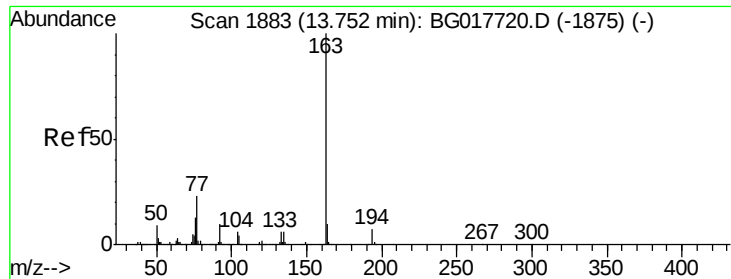


Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC



Time-->





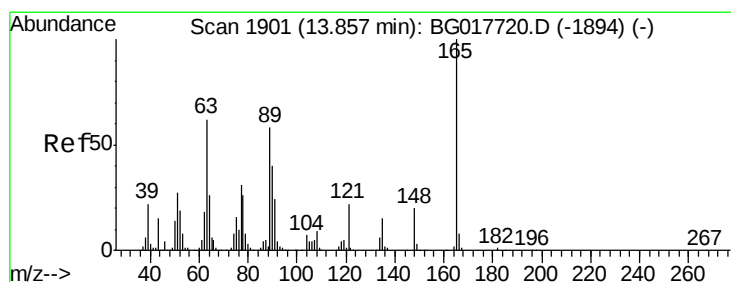
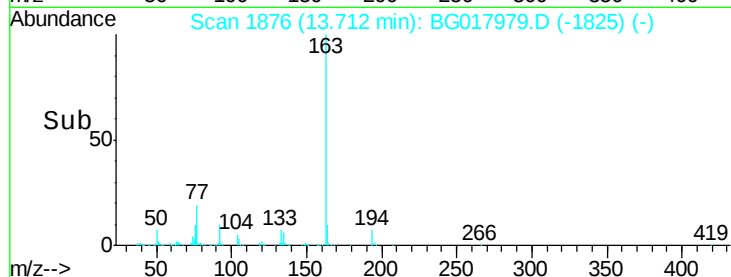
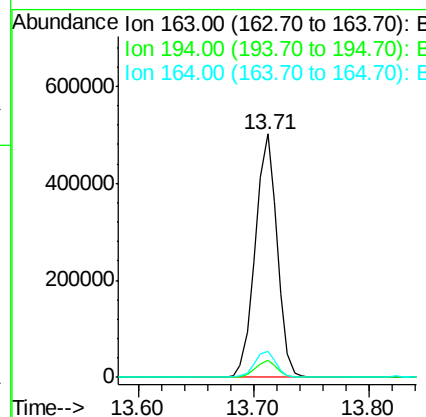
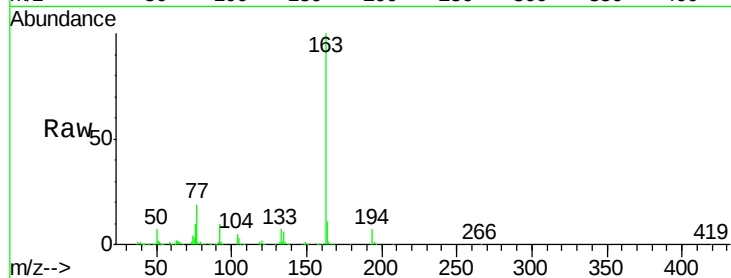
#49
Dimethylphthalate
Concen: 34.79 ng
RT: 13.71 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	7.0	5.8	8.6
164	10.5	8.3	12.5

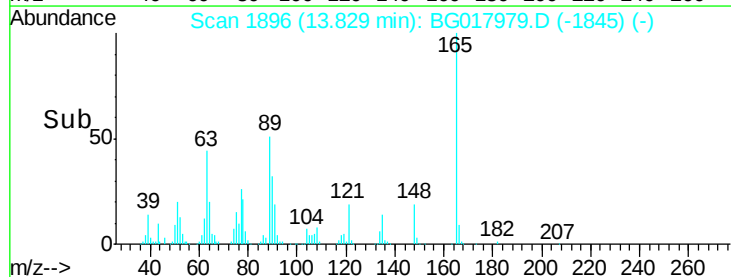
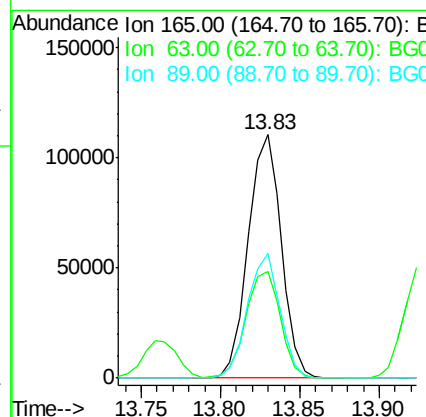
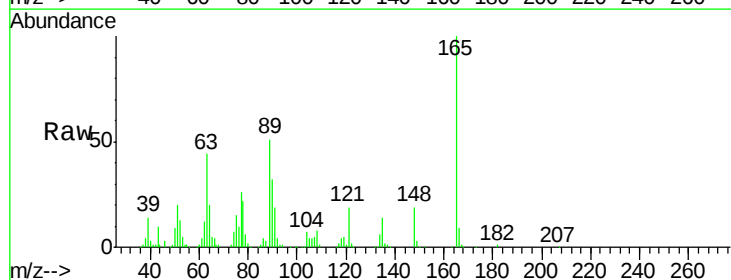
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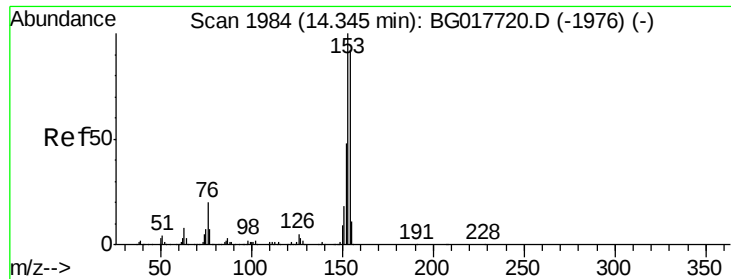
apatel
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#50
2,6-Dinitrotoluene
Concen: 37.37 ng
RT: 13.83 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	43.8	50.2	75.2#
89	51.1	46.6	69.8





#51

Acenaphthene

Concen: 33.91 ng

RT: 14.31 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

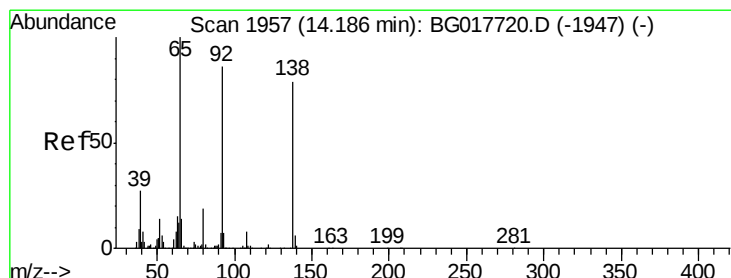
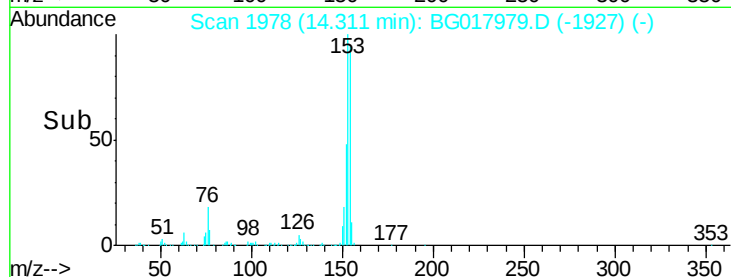
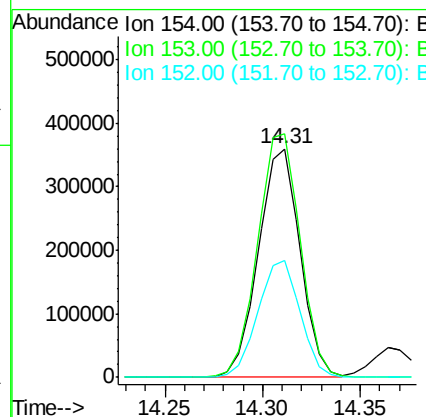
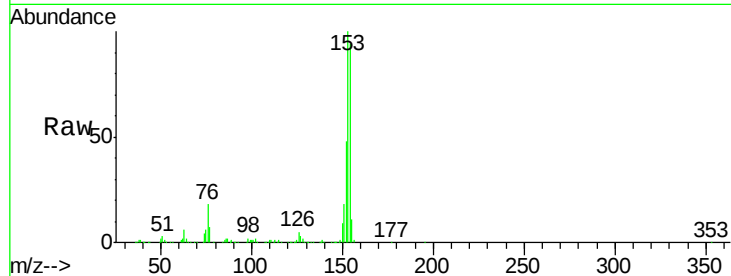
ClientSampleId :

PB84467BS

Tgt	Ion:154	Resp:	529151
Ion	Ratio	Lower	Upper
154	100		
153	106.5	87.0	130.4
152	51.1	41.4	62.0

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#52

3-Nitroaniline

Concen: 26.63 ng

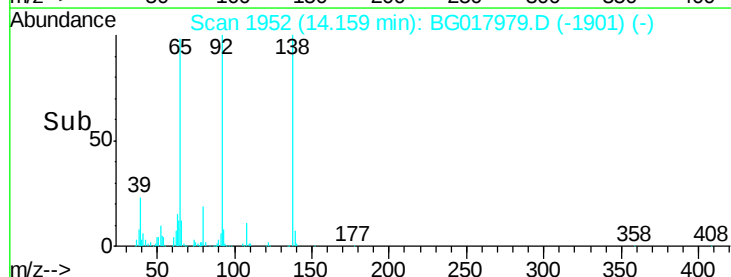
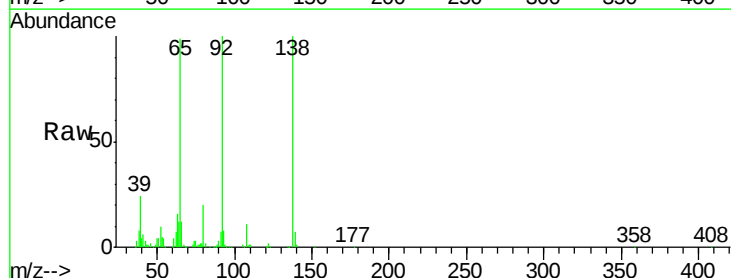
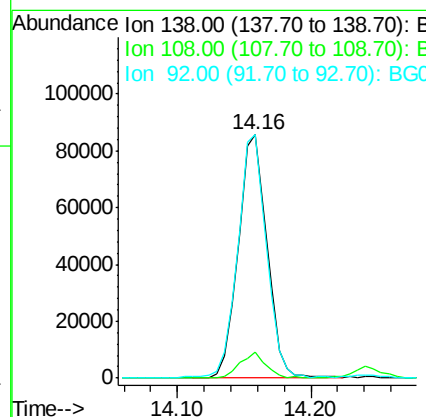
RT: 14.16 min Scan# 1952

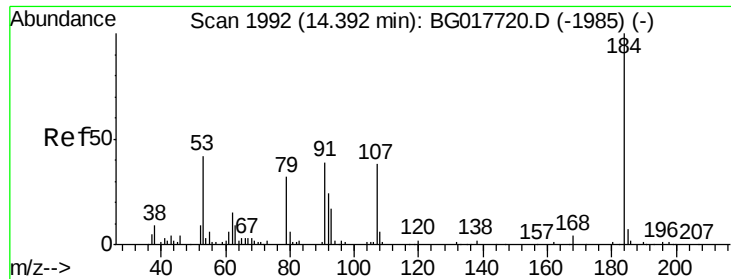
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt	Ion:138	Resp:	128337
Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.2	12.4
92	100.1	87.4	131.0





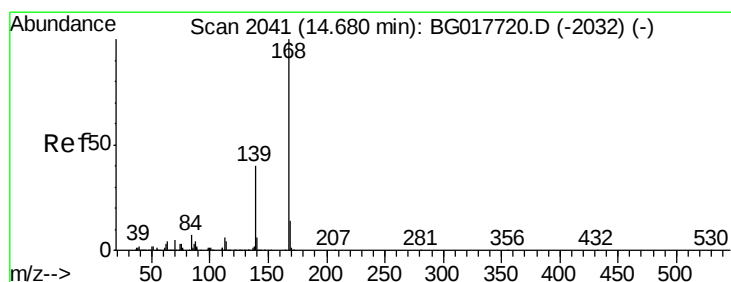
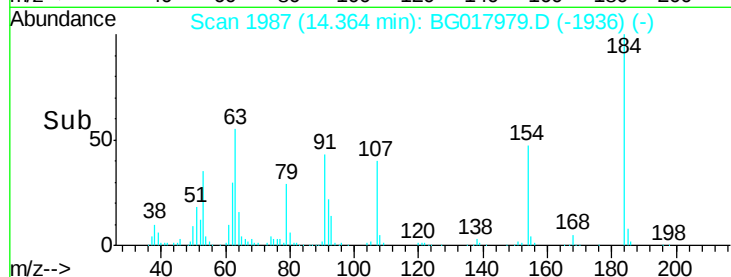
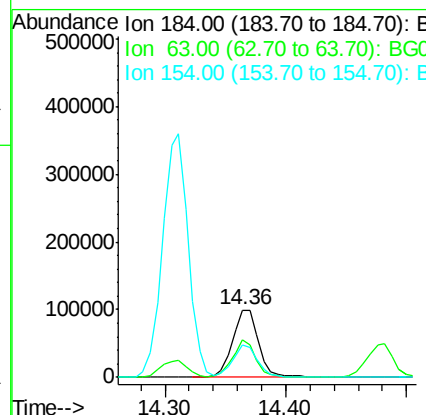
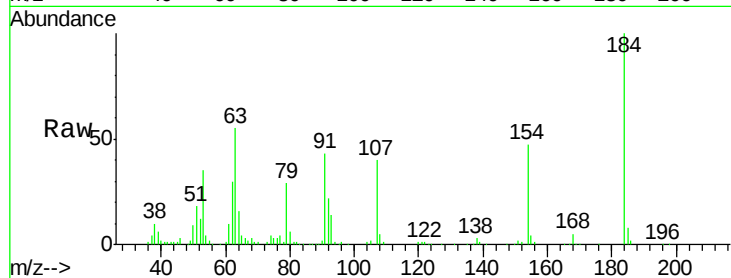
#53
 2,4-Dinitrophenol
 Concen: 68.59 ng
 RT: 14.36 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampled :
 PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	149349		
63	55.5	47.8	71.6	
154	47.5	39.3	58.9	

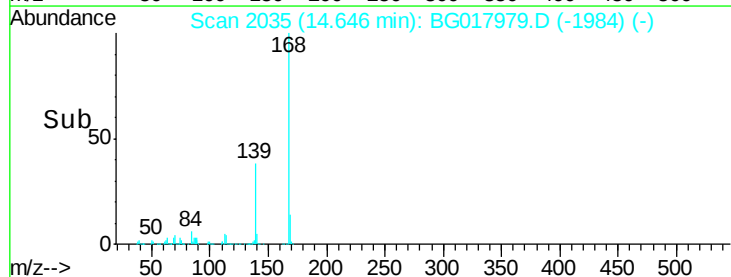
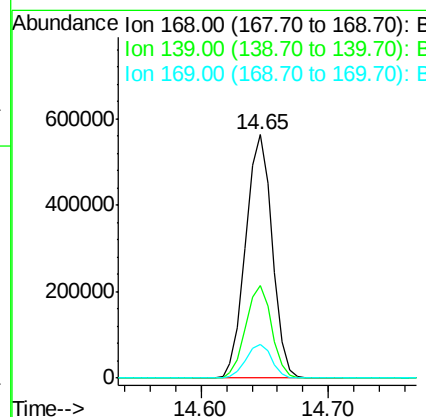
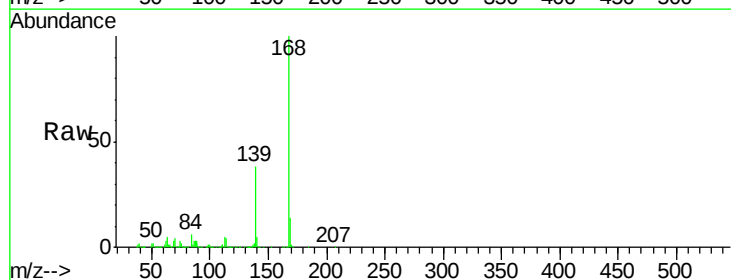
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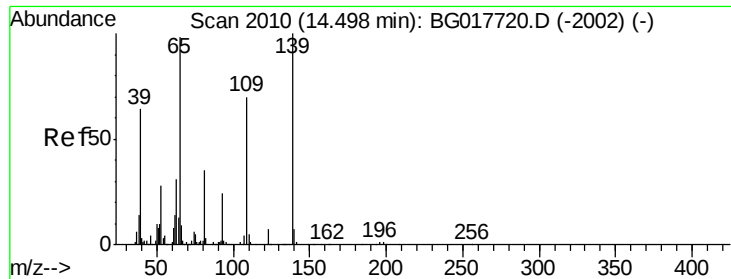
apatel
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#54
 Dibenzofuran
 Concen: 36.24 ng
 RT: 14.65 min Scan# 2035
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	815908		
139	38.2	32.2	48.2	
169	13.8	11.3	16.9	





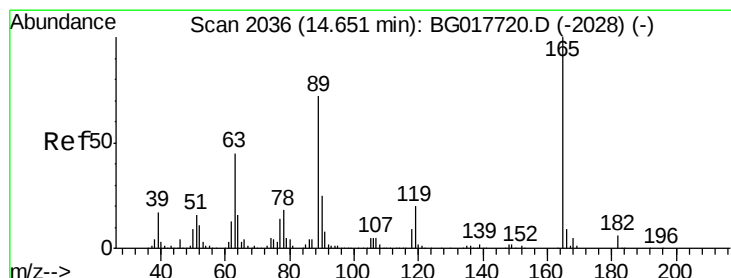
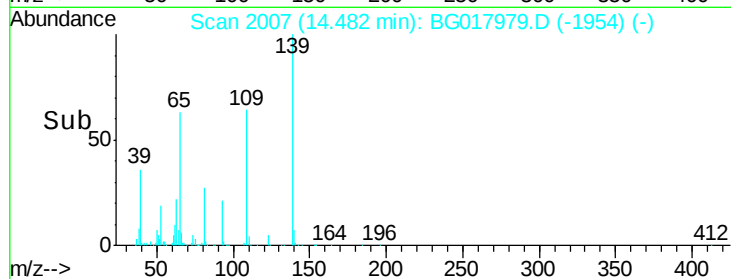
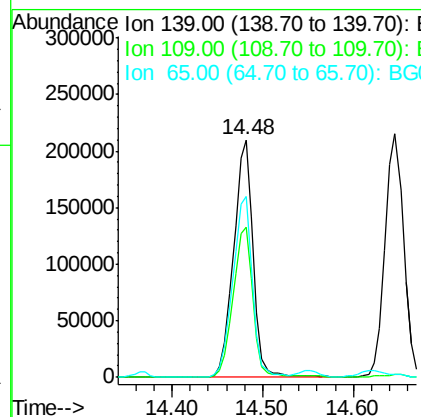
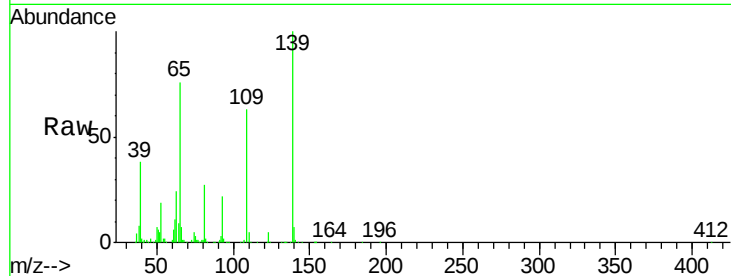
#55
4-Nitrophenol
Concen: 83.21 ng
RT: 14.48 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	317214		
109	63.4	50.3	90.3	
65	75.9	78.8	118.8	

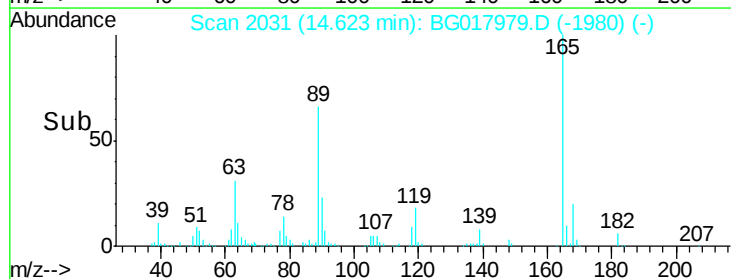
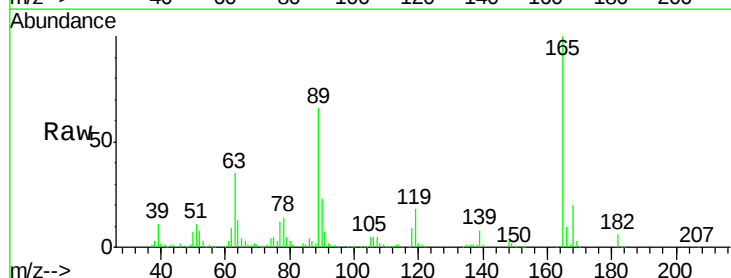
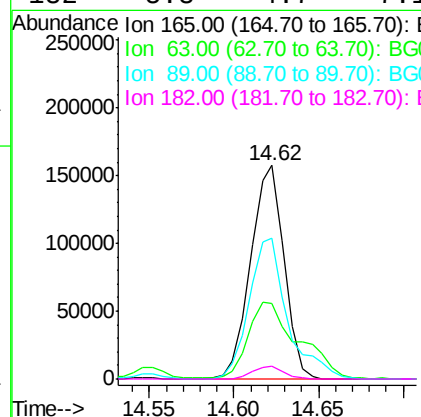
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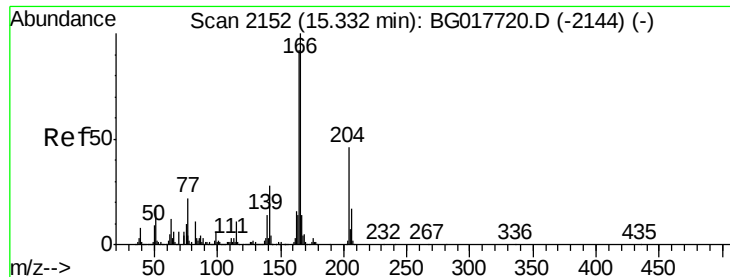
apatel
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#56
2,4-Dinitrotoluene
Concen: 37.74 ng
RT: 14.62 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	216982		
63	35.3	36.2	54.4	
89	66.0	57.9	86.9	
182	5.8	4.7	7.1	





#57

Fluorene

Concen: 35.38 ng

RT: 15.30 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

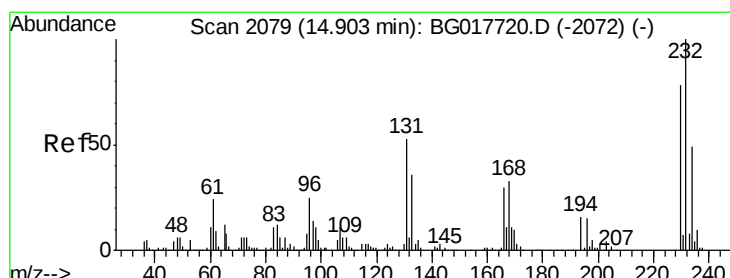
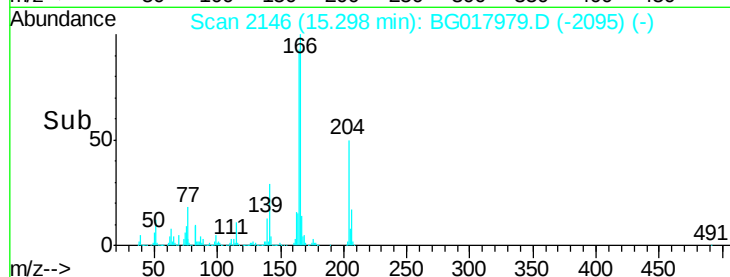
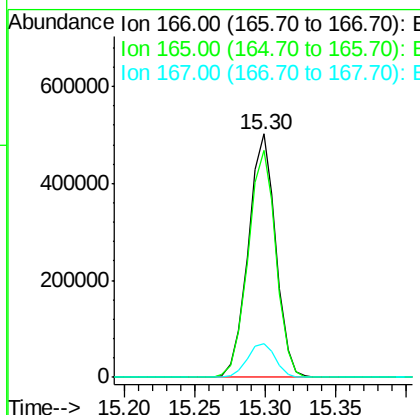
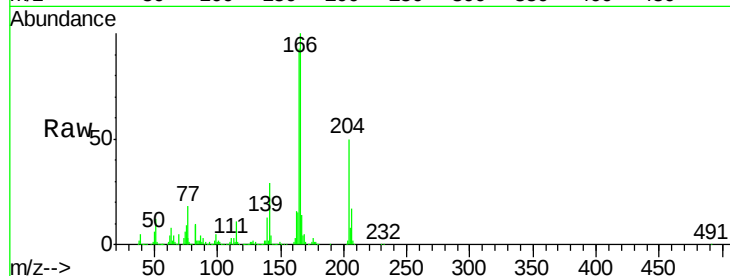
ClientSampleId :

PB84467BS

Tgt Ion:	166	Resp:	684764
Ion Ratio	Lower	Upper	
166	100		
165	93.3	73.4	110.0
167	13.9	11.0	16.6

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.79 ng

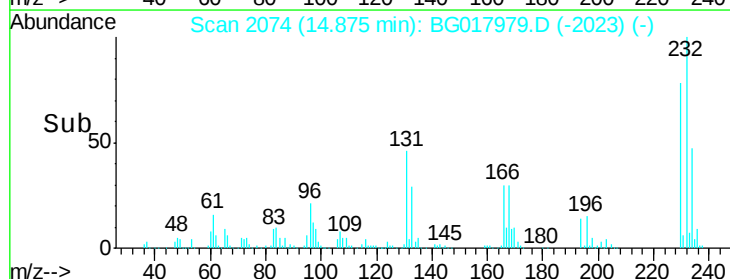
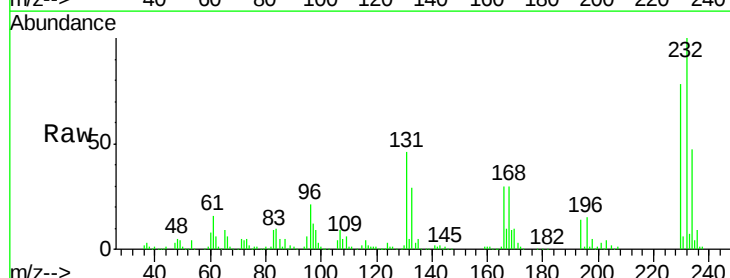
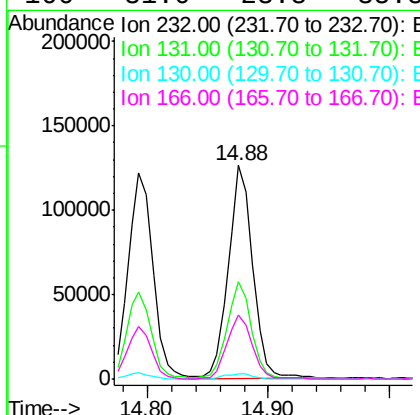
RT: 14.88 min Scan# 2074

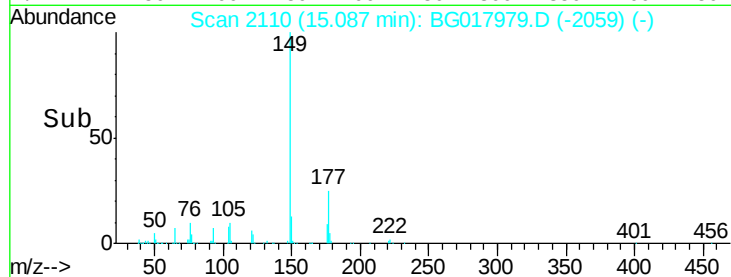
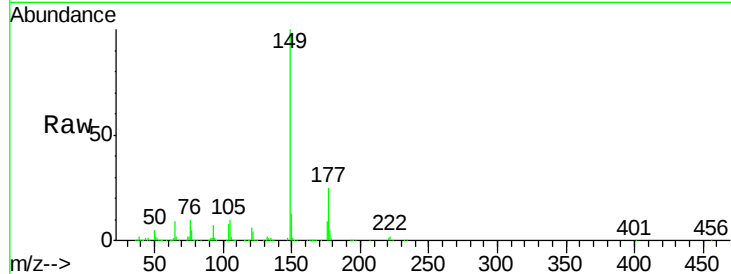
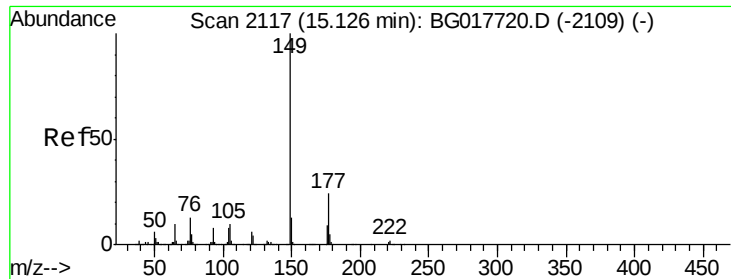
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	232	Resp:	177841
Ion Ratio	Lower	Upper	
232	100		
131	44.7	40.8	61.2
130	2.7	2.4	3.6
166	31.0	23.8	35.8





#59

Diethylphthalate

Concen: 35.01 ng

RT: 15.09 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	149	Resp:	686045
Ion Ratio	Lower	Upper	
149	100		
177	24.8	19.1	28.7
150	12.8	10.3	15.5

Instrument :

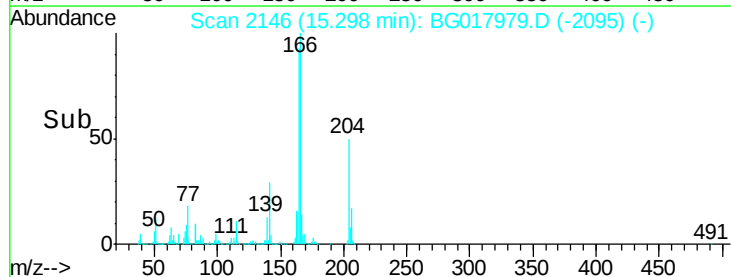
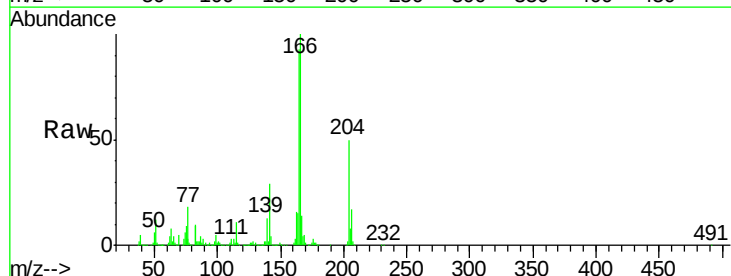
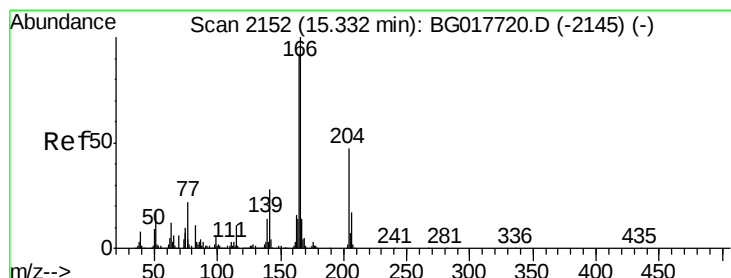
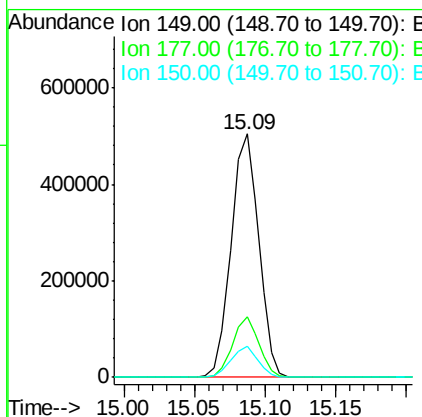
BNA_G

ClientSampleId :

PB84467BS

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#60

4-Chlorophenyl-phenylether

Concen: 35.90 ng

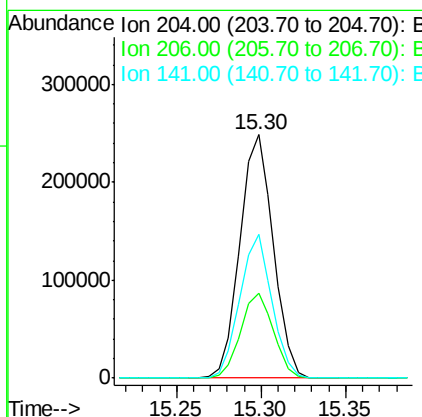
RT: 15.30 min Scan# 2146

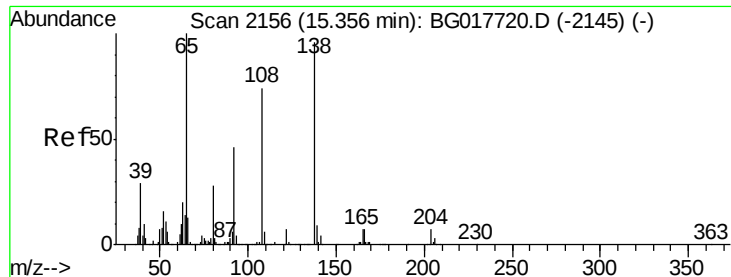
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	204	Resp:	340676
Ion Ratio	Lower	Upper	
204	100		
206	35.0	28.6	42.8
141	58.8	49.0	73.4





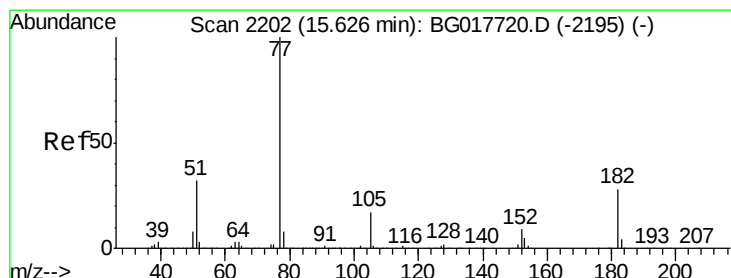
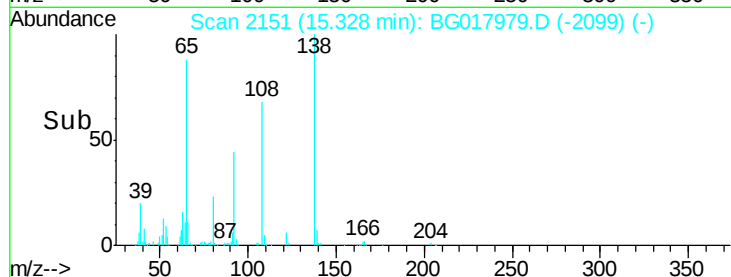
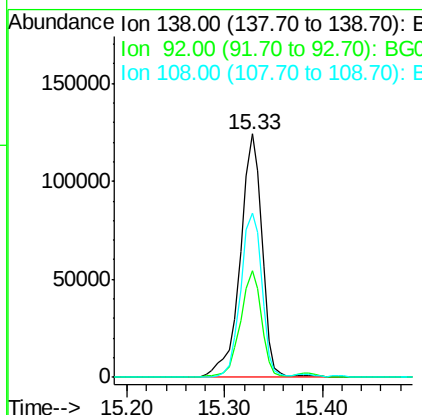
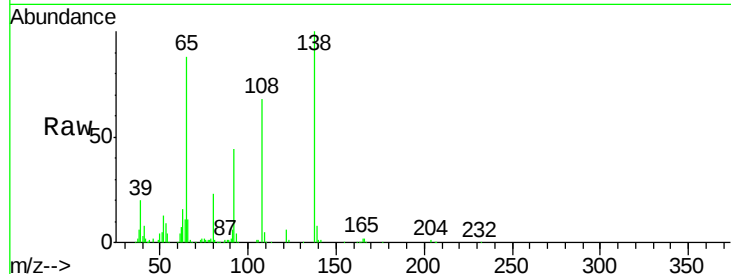
#61
4-Nitroaniline
Concen: 34.43 ng
RT: 15.33 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	194362		
92	44.1	27.7	67.7	
108	67.5	57.8	97.8	

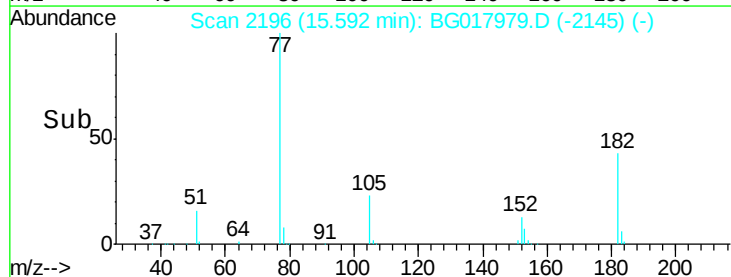
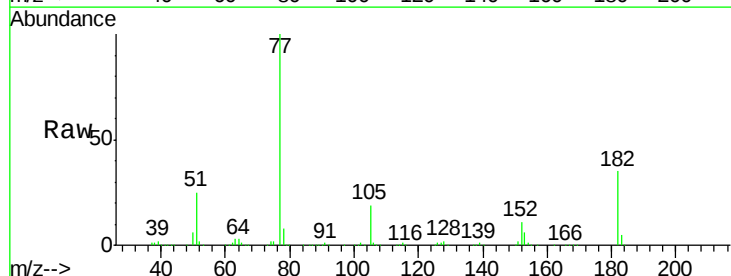
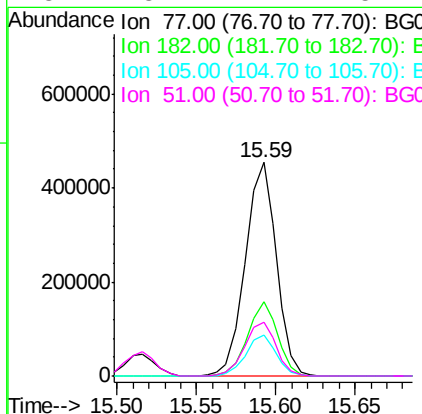
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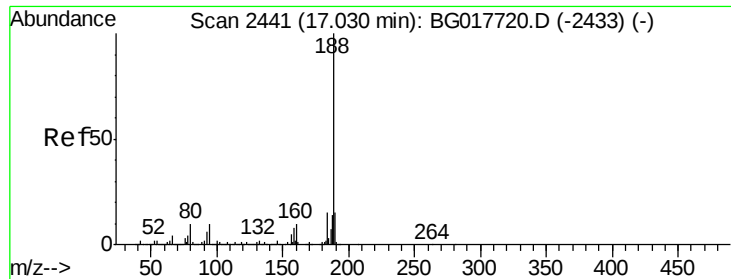
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#62
Azobenzene
Concen: 33.86 ng
RT: 15.59 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	613121		
182	34.6	8.2	48.2	
105	19.0	0.0	36.6	
51	25.4	11.7	51.7	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.00 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

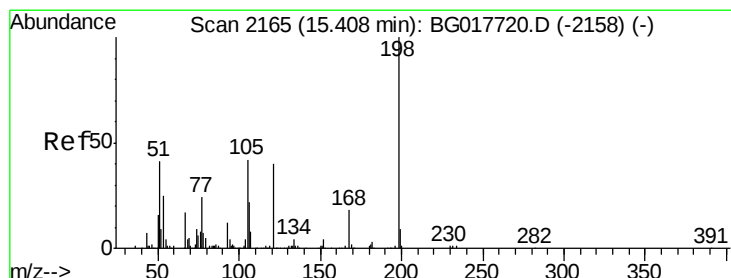
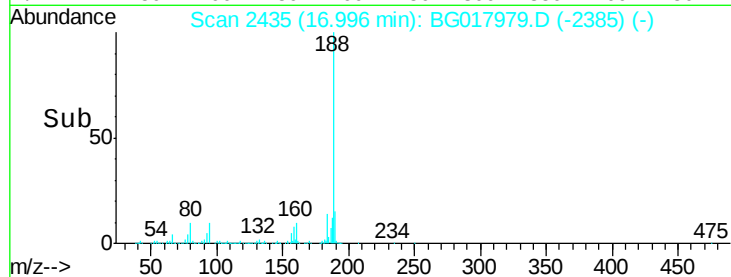
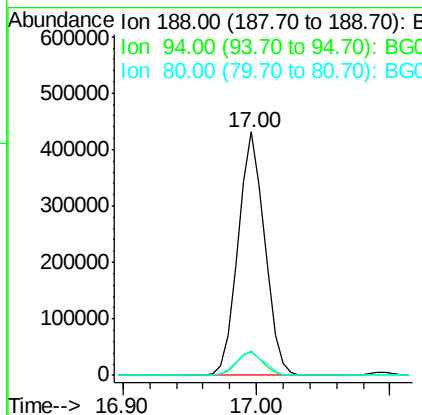
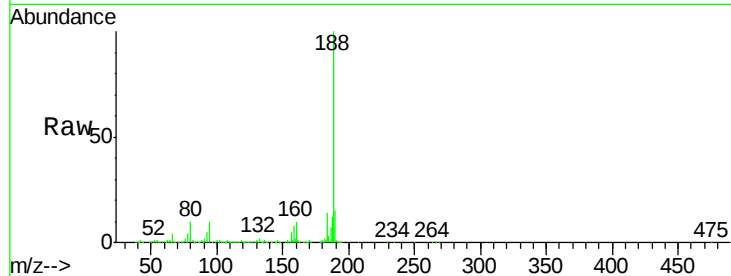
ClientSampleId :

PB84467BS

Tgt	Ion	Ratio	Resp	Lower	Upper
188	100		595541		
94	9.7	8.2	12.2		
80	10.1	8.2	12.4		

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#64

4,6-Dinitro-2-methylphenol

Concen: 40.36 ng

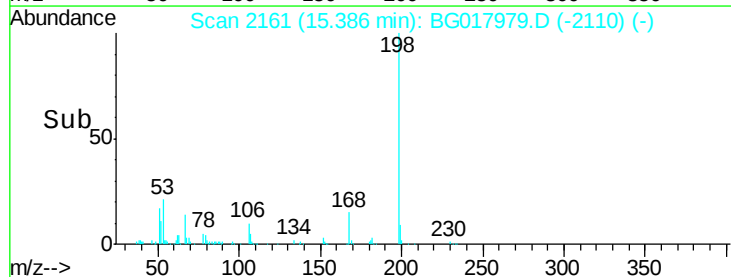
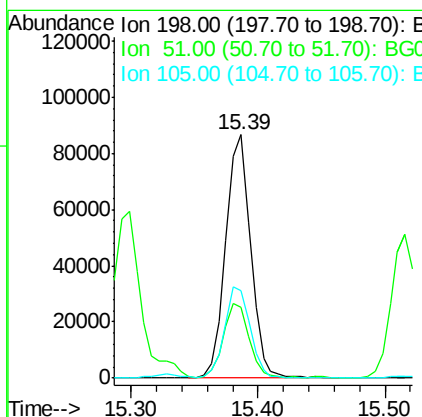
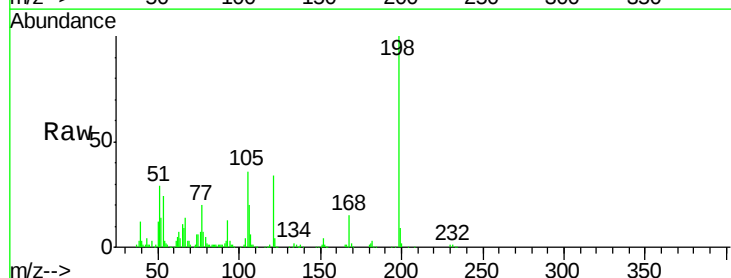
RT: 15.39 min Scan# 2161

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt	Ion	Ratio	Resp	Lower	Upper
198	100		118680		
51	29.0	27.0	67.0		
105	35.9	23.3	63.3		





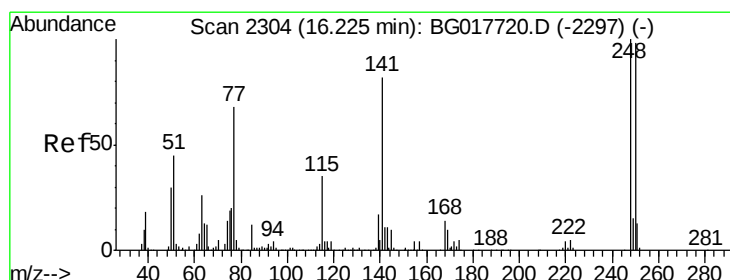
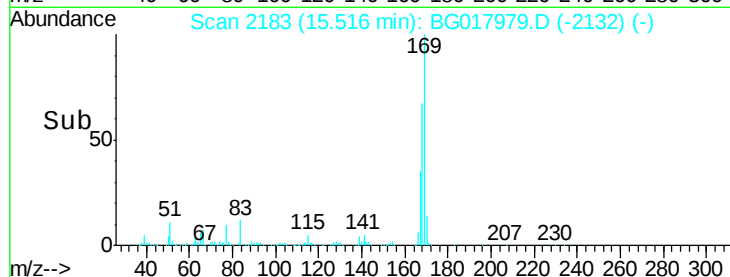
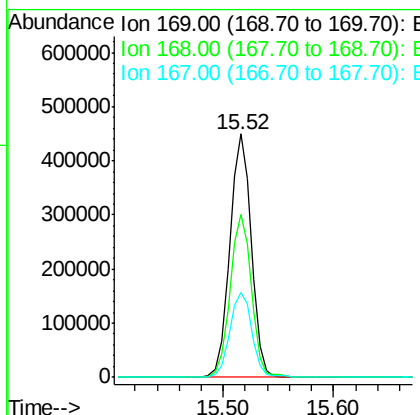
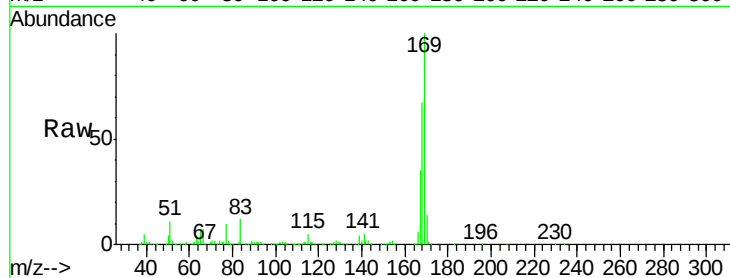
#65
n-Nitrosodiphenylamine
Concen: 34.13 ng
RT: 15.52 min Scan# 2183
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	611153		
168	67.0	54.1	81.1	
167	34.9	29.4	44.2	

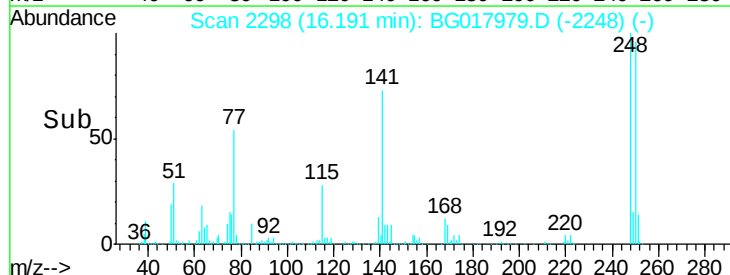
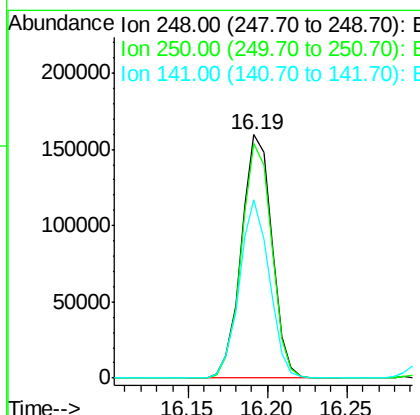
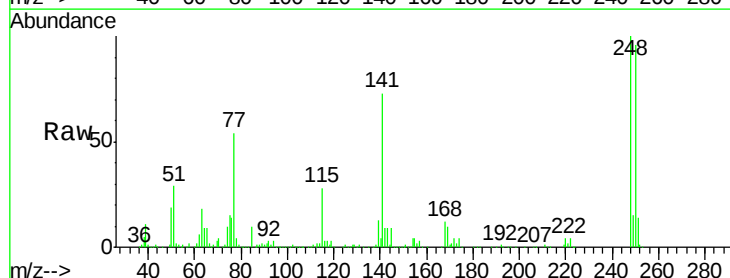
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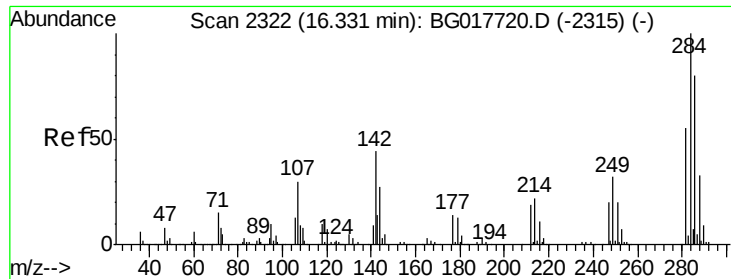
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#66
4-Bromophenyl-phenylether
Concen: 35.71 ng
RT: 16.19 min Scan# 2298
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	213118		
250	96.4	78.0	117.0	
141	73.5	65.7	98.5	





#67

Hexachlorobenzene

Concen: 35.38 ng

RT: 16.30 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

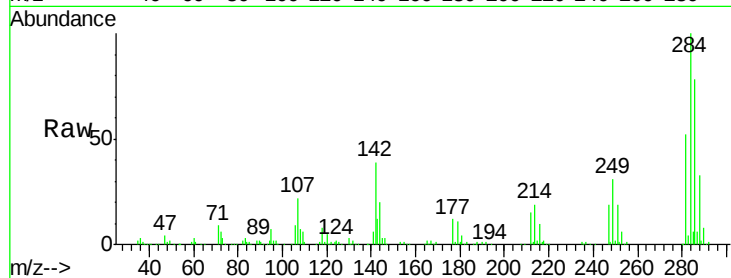
ClientSampleId :

PB84467BS

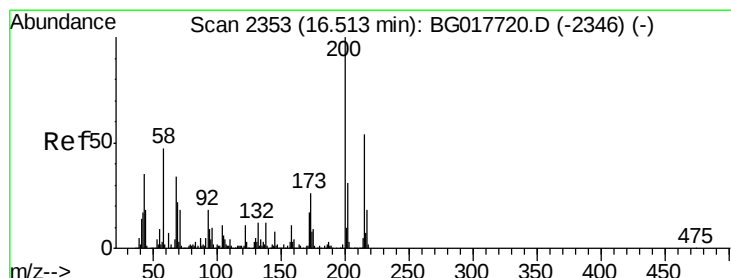
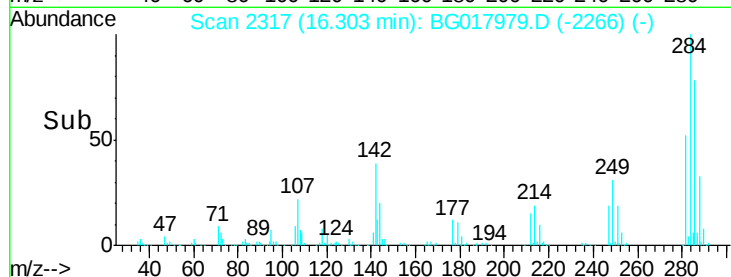
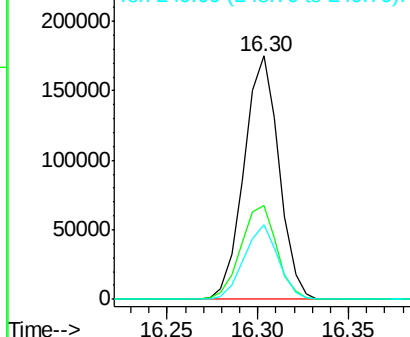
Tgt Ion:	284	Resp:	234367
Ion Ratio	Lower	Upper	
284	100		
142	38.7	35.2	52.8
249	30.6	25.4	38.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.79 ng

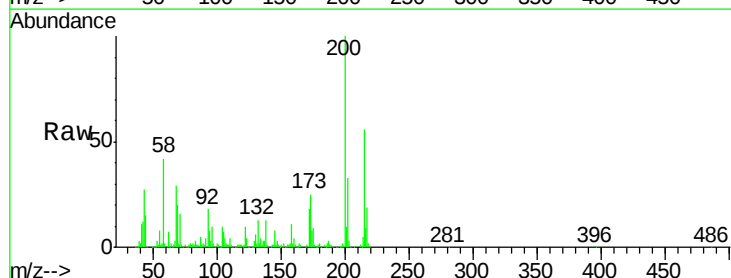
RT: 16.47 min Scan# 2346

Delta R.T. 0.00 min

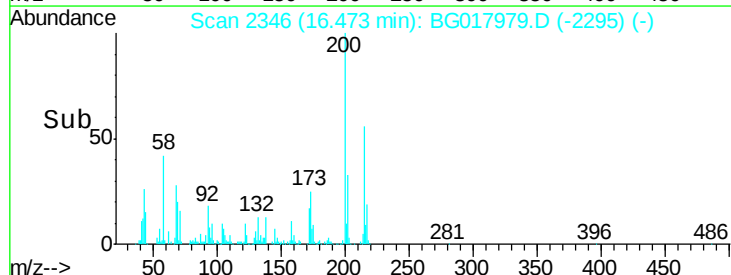
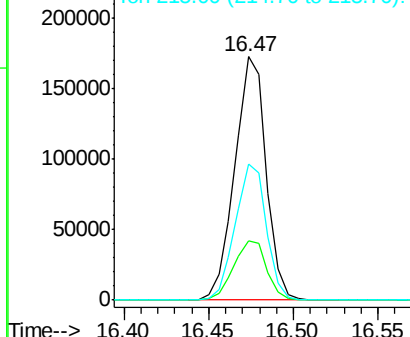
Lab File: BG017979.D

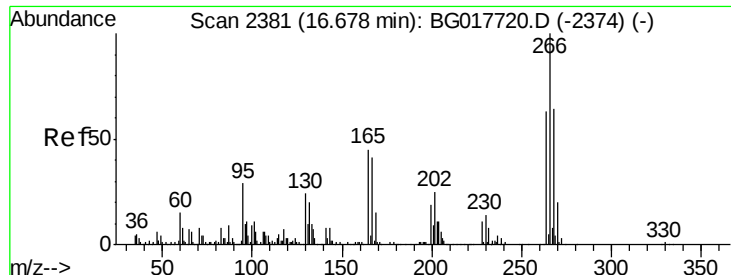
Acq: 20 Jul 2015 4:12

Tgt Ion:	200	Resp:	222279
Ion Ratio	Lower	Upper	
200	100		
173	24.6	5.6	45.6
215	56.0	34.1	74.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





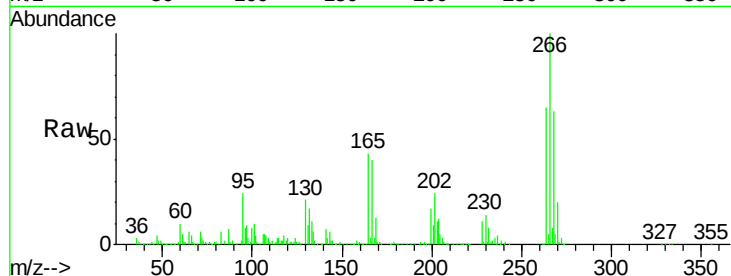
#69
 Pentachlorophenol
 Concen: 74.20 ng
 RT: 16.65 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

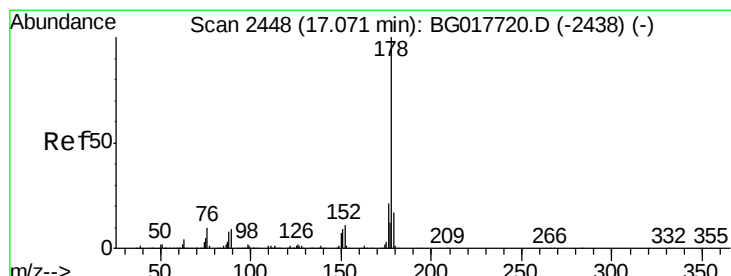
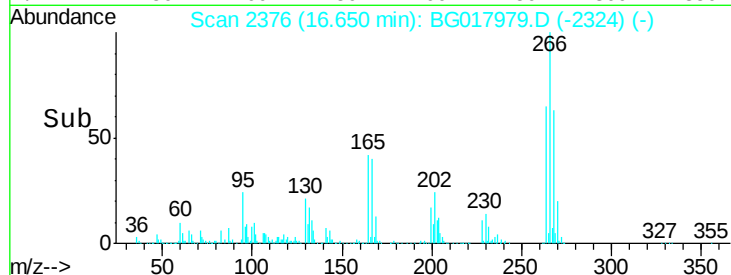
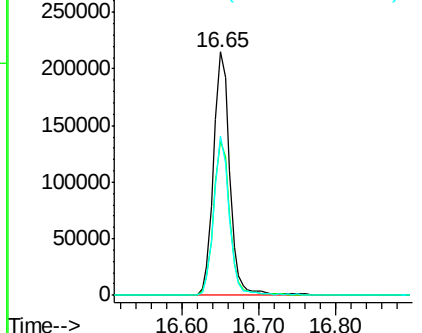
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	312784		
268	63.1	51.0	76.6	
264	65.2	50.7	76.1	

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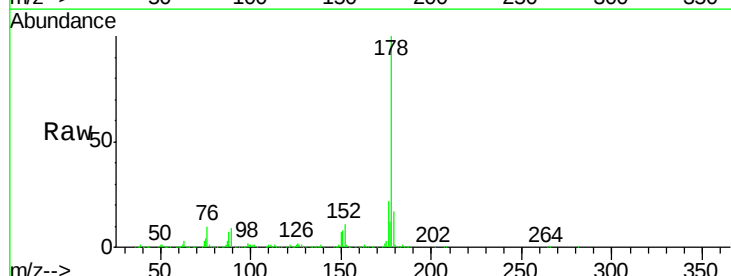


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

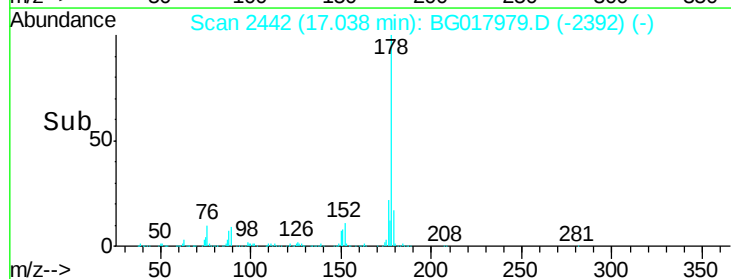
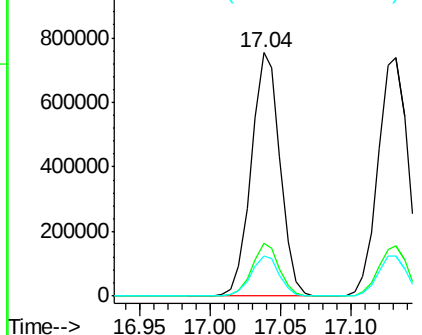


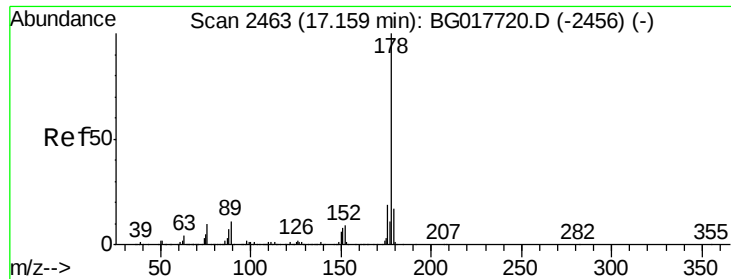
#70
 Phenanthrene
 Concen: 35.09 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1077869		
176	21.6	16.5	24.7	
179	16.7	13.5	20.3	



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





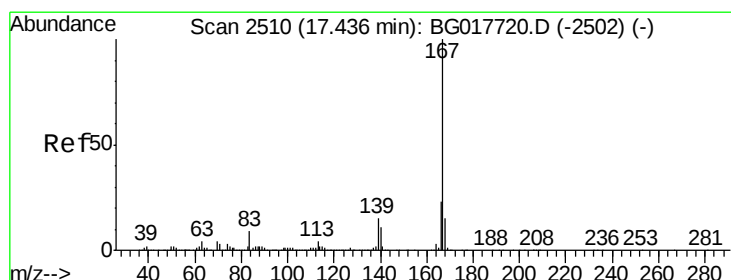
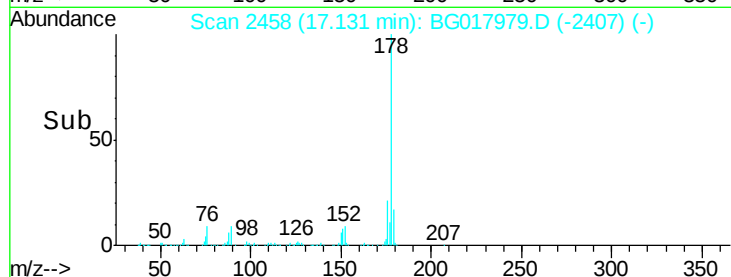
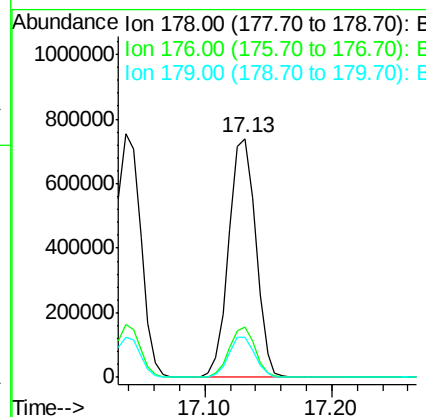
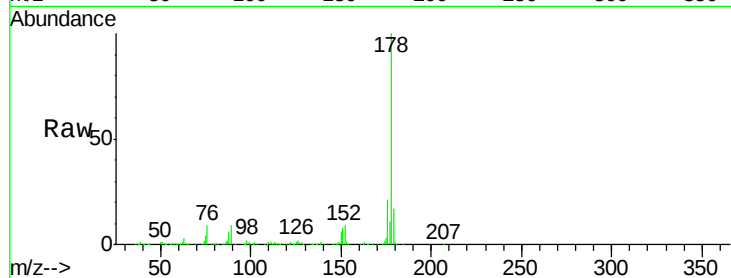
#71
 Anthracene
 Concen: 36.46 ng
 RT: 17.13 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.2	15.2	22.8
179	17.0	13.6	20.4

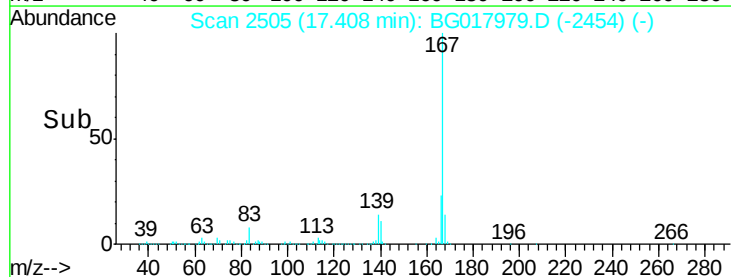
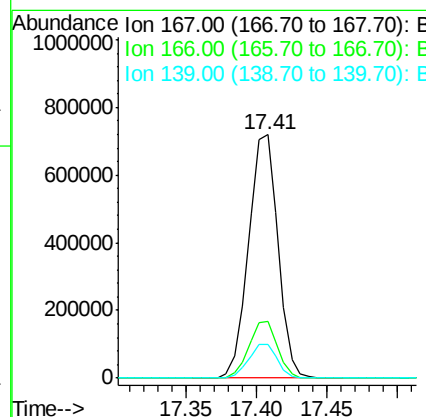
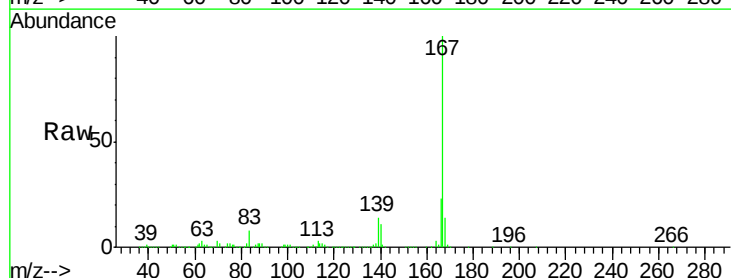
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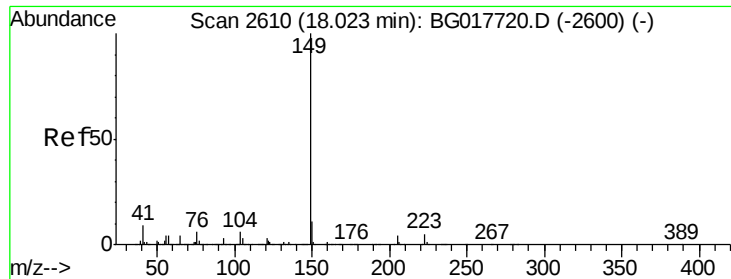
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#72
 Carbazole
 Concen: 37.28 ng
 RT: 17.41 min Scan# 2505
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	13.9	11.9	17.9





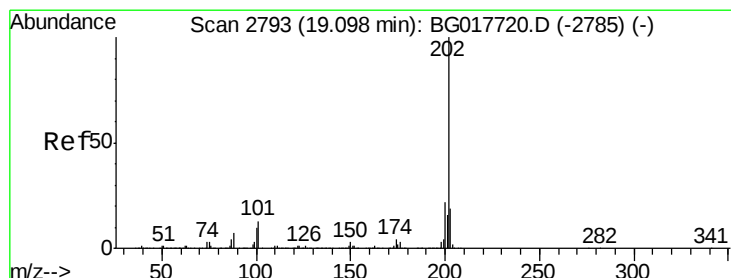
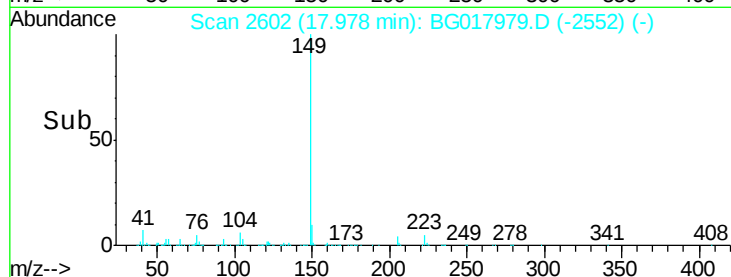
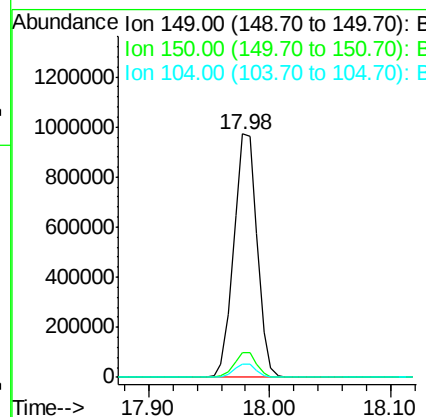
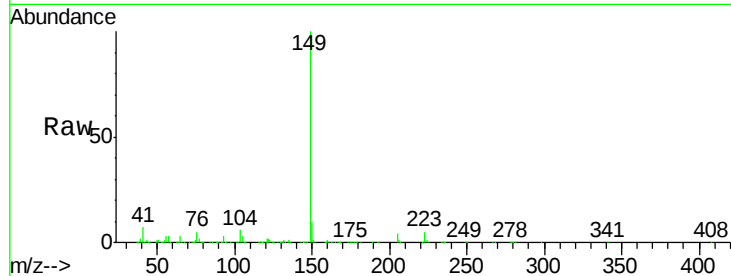
#73
Di-n-butylphthalate
Concen: 37.75 ng
RT: 17.98 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.4	8.6	12.8
104	5.7	5.0	7.6

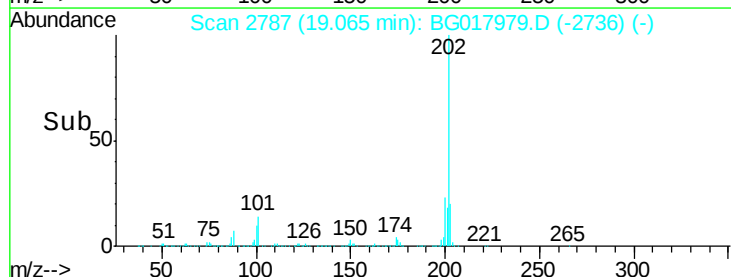
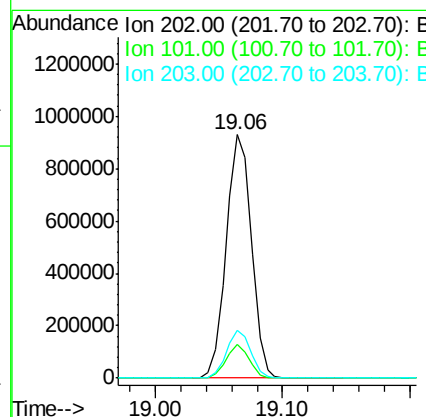
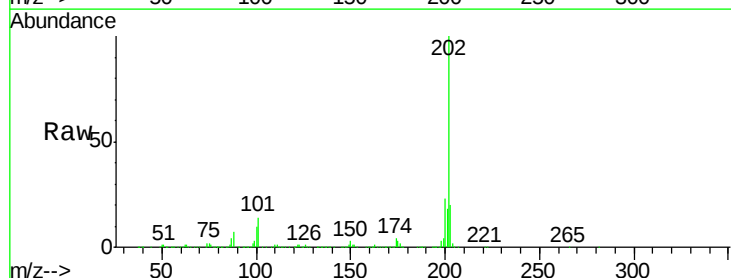
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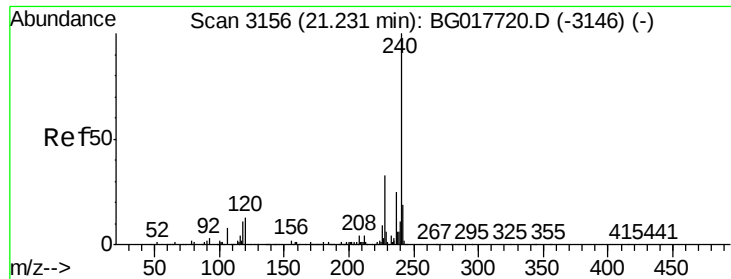
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#74
Fluoranthene
Concen: 37.99 ng
RT: 19.06 min Scan# 2787
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.3
203	19.7	0.0	39.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

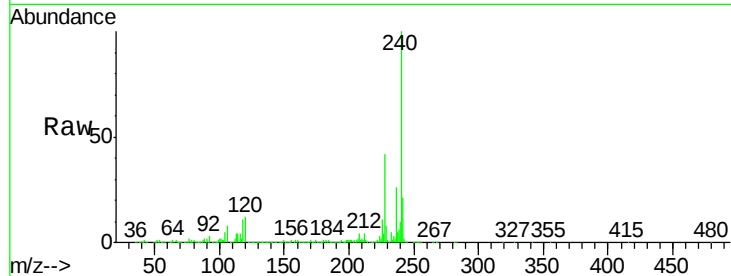
ClientSampleId :

PB84467BS

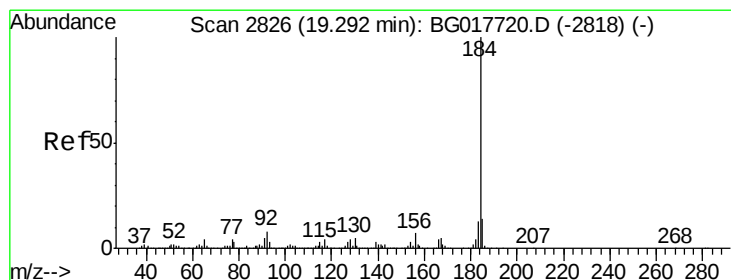
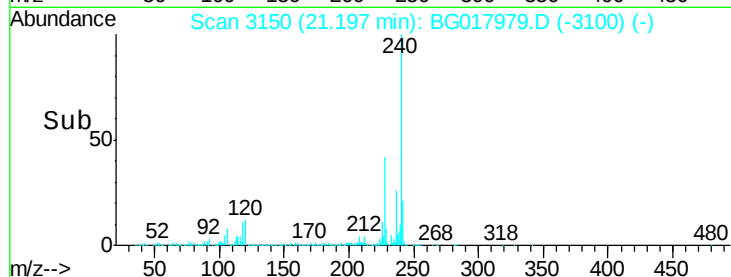
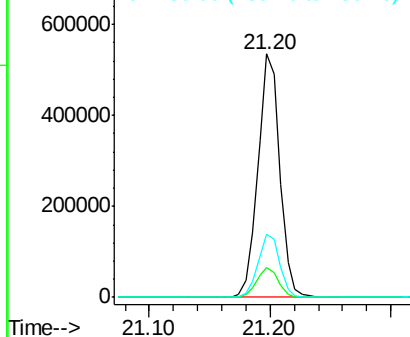
Tgt Ion:	240	Resp:	676775
Ion Ratio		Lower	Upper
240	100		
120	12.5	10.8	16.2
236	26.1	20.0	30.0

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.19 ng

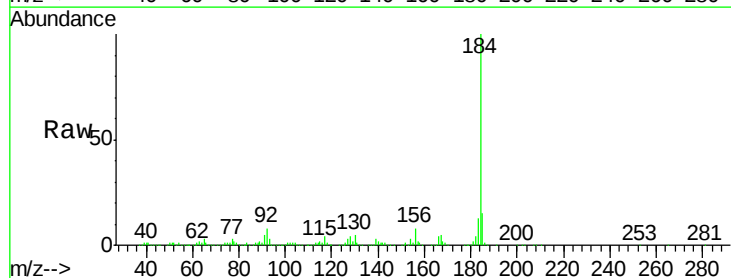
RT: 19.26 min Scan# 2820

Delta R.T. -0.00 min

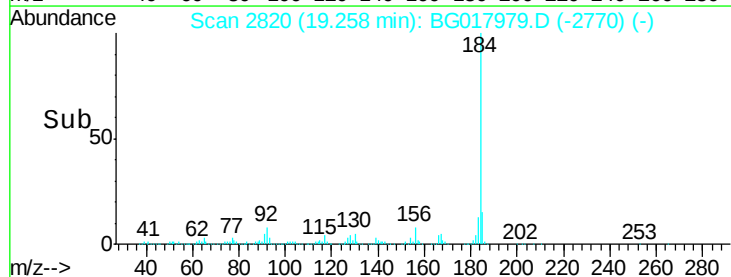
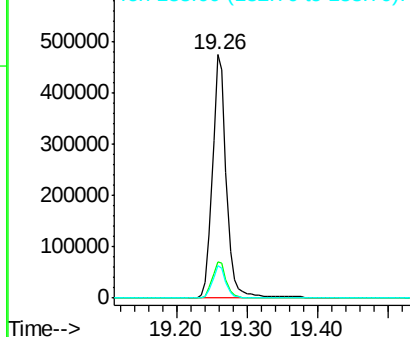
Lab File: BG017979.D

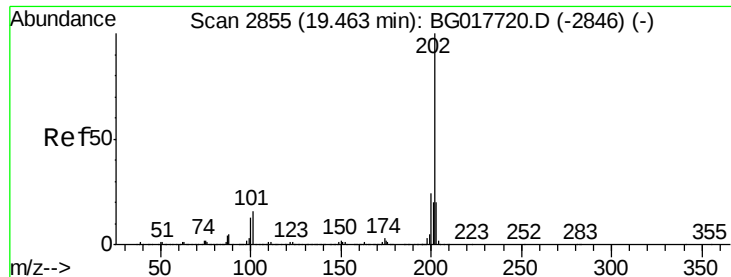
Acq: 20 Jul 2015 4:12

Tgt Ion:	184	Resp:	657175
Ion Ratio		Lower	Upper
184	100		
185	15.1	11.5	17.3
183	13.3	10.0	15.0



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





#77

Pyrene

Concen: 35.11 ng

RT: 19.43 min Scan# 2849

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

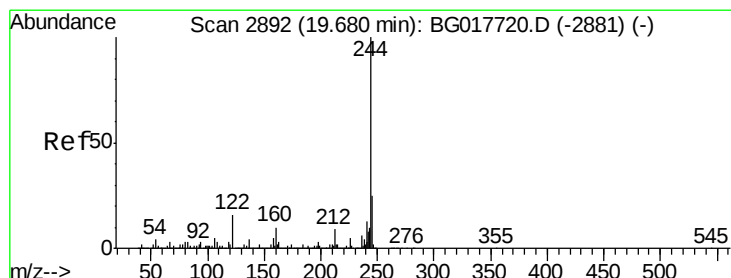
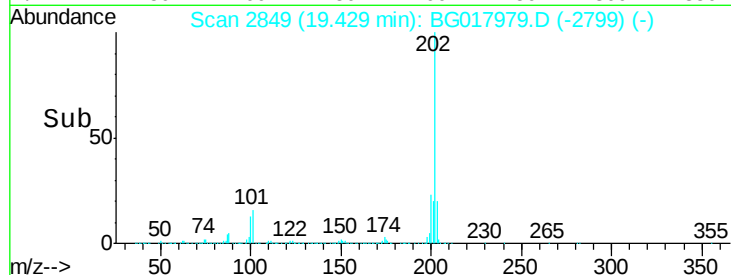
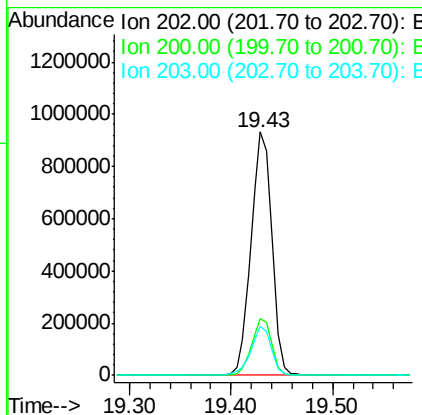
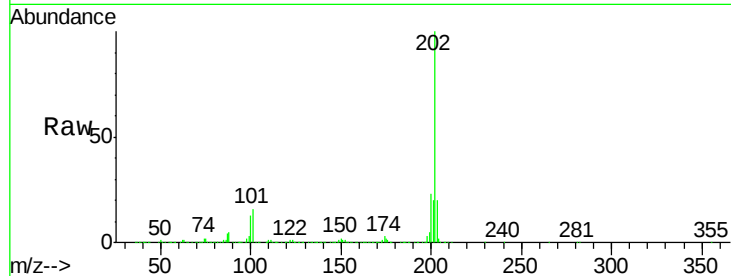
ClientSampleId :

PB84467BS

Tgt Ion:	202	Resp:	1325134
Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.8	28.2
203	20.3	15.9	23.9

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#78

Terphenyl-d14

Concen: 69.74 ng

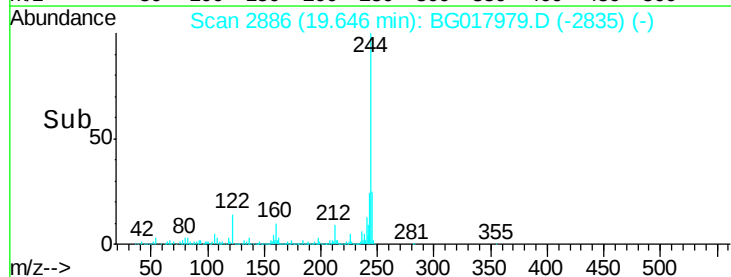
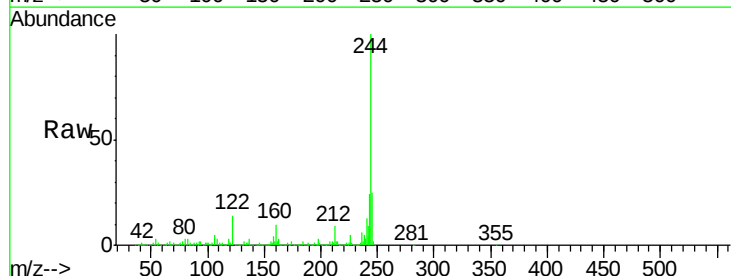
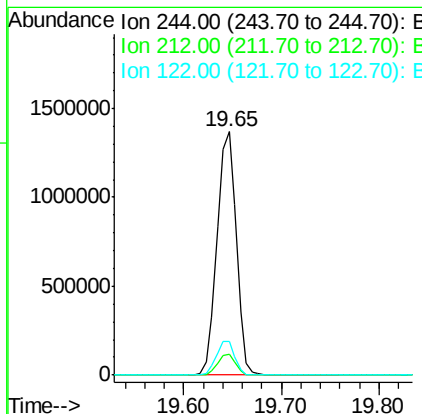
RT: 19.65 min Scan# 2886

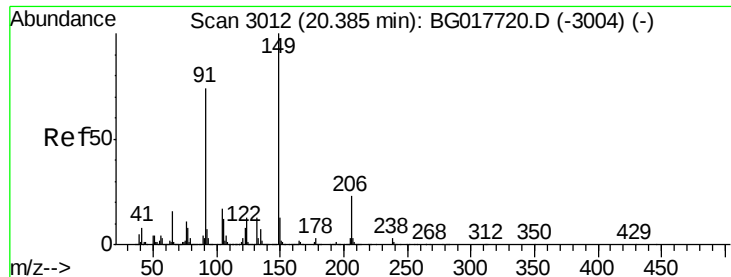
Delta R.T. 0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	244	Resp:	1873712
Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	14.1	12.8	19.2





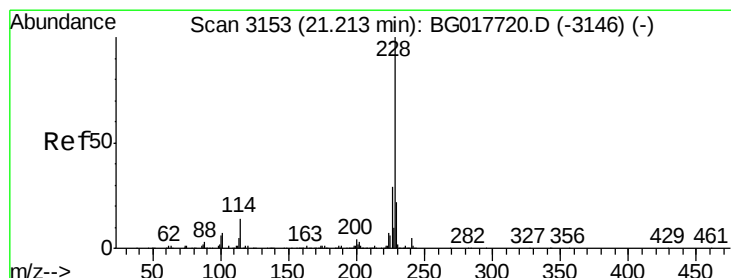
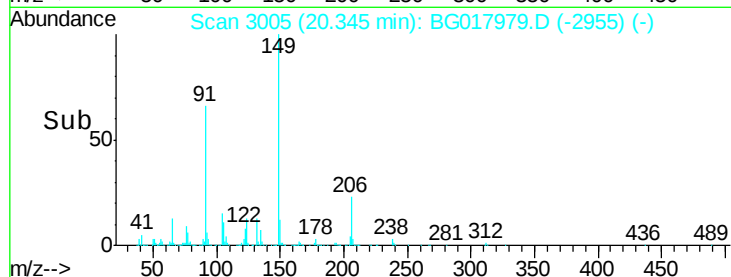
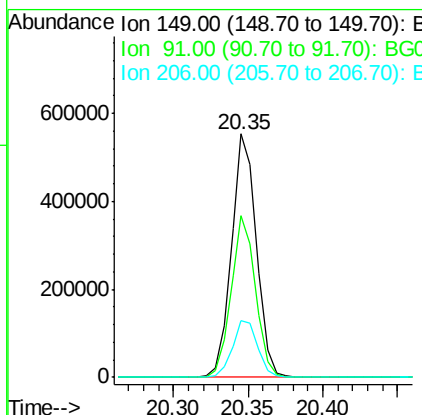
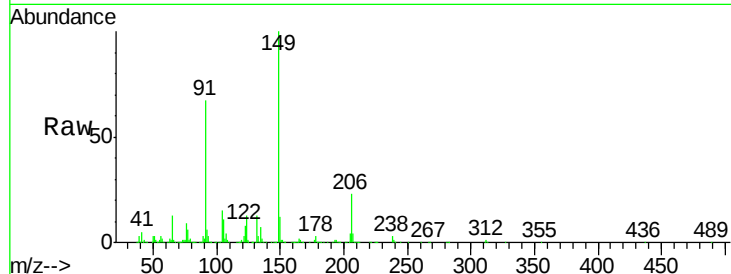
#79
Butylbenzylphthalate
Concen: 38.40 ng
RT: 20.35 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.5	59.5	89.3
206	23.5	18.5	27.7

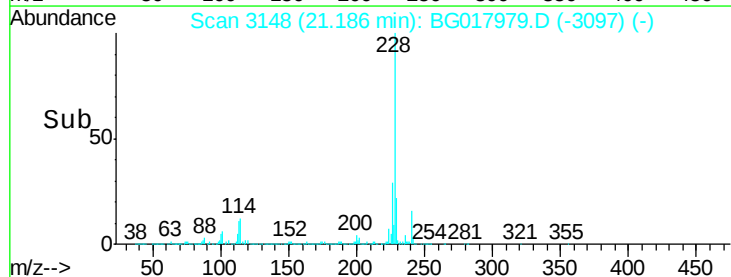
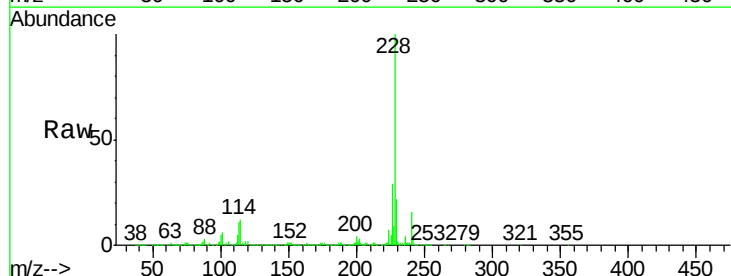
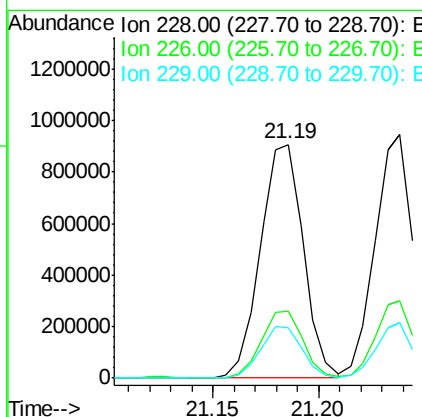
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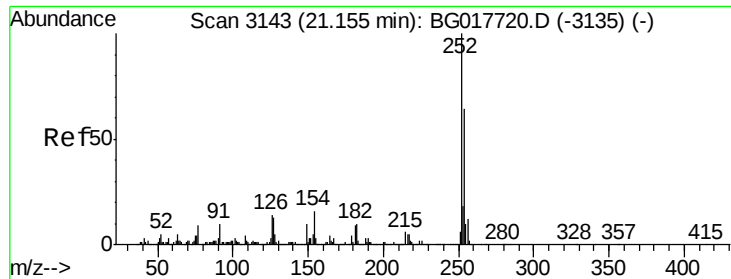
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#80
Benzo(a)anthracene
Concen: 35.83 ng
RT: 21.19 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.1	34.7
229	21.8	17.4	26.0





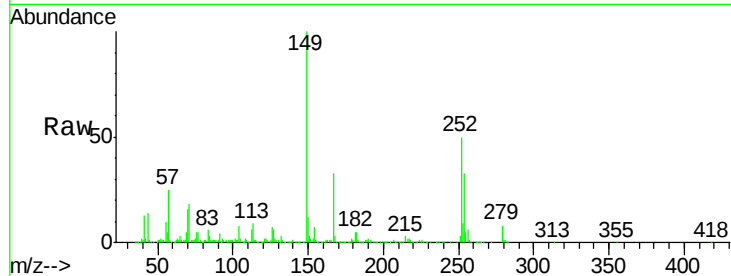
#81
 3,3'-Dichlorobenzidine
 Concen: 26.69 ng
 RT: 21.12 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

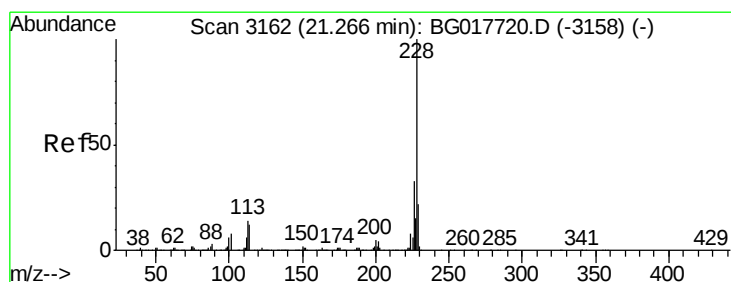
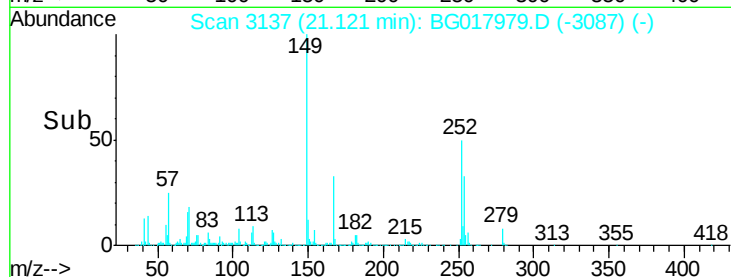
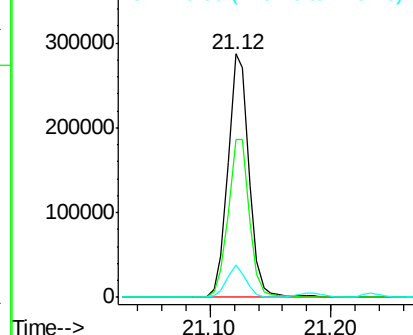
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	345978		
254	65.1	51.2	76.8	
126	13.2	11.4	17.0	

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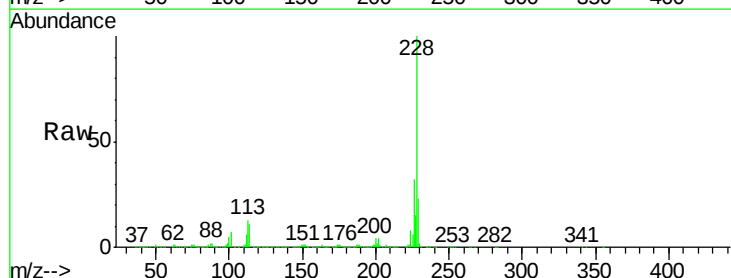


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

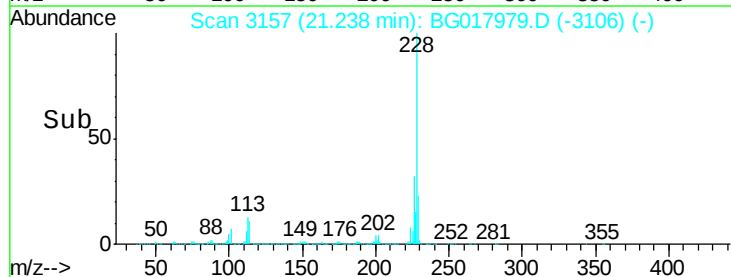
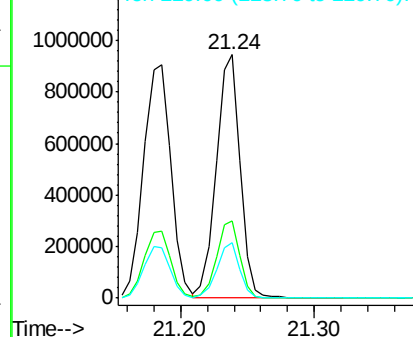


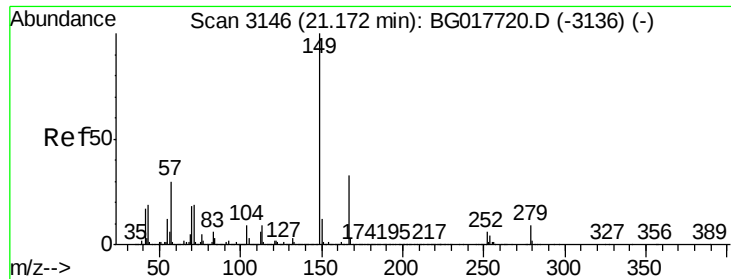
#82
 Chrysene
 Concen: 34.71 ng
 RT: 21.24 min Scan# 3157
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1181740		
226	31.9	26.1	39.1	
229	22.7	17.7	26.5	



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: 37.19 ng

RT: 21.13 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Instrument :

BNA_G

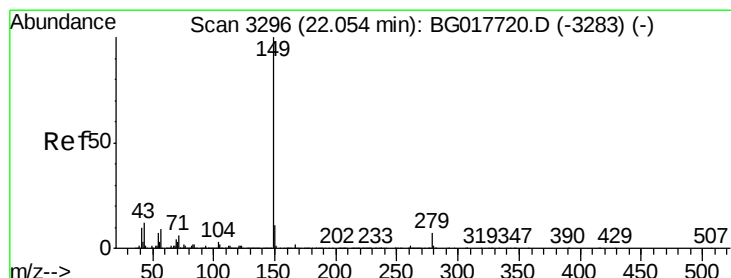
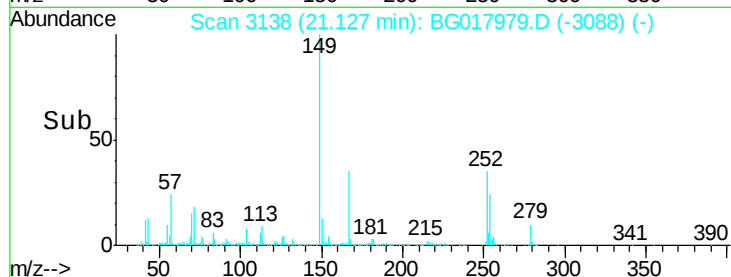
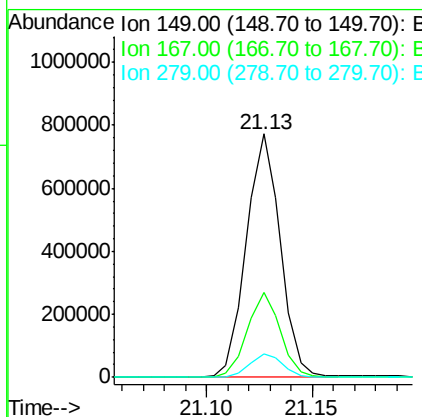
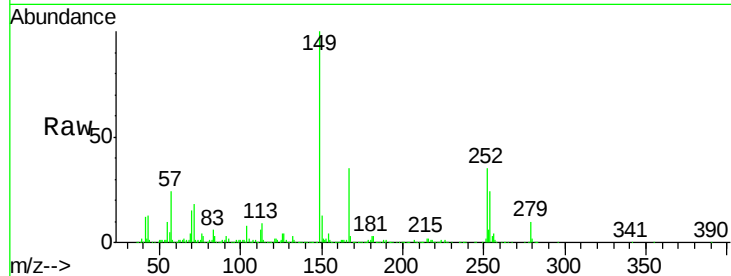
ClientSampleId :

PB84467BS

Tgt Ion:	149	Resp:	865773
Ion Ratio	Lower	Upper	
149	100		
167	35.1	26.6	39.8
279	9.7	6.9	10.3

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#84

Di-n-octyl phthalate

Concen: 39.48 ng

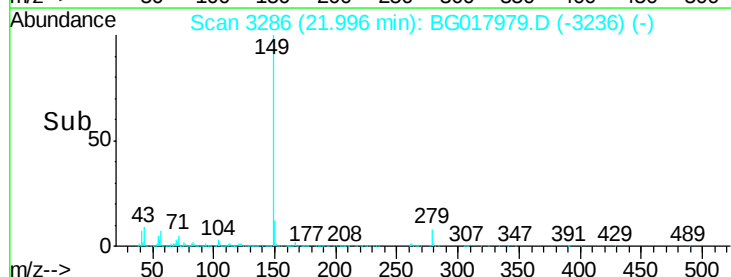
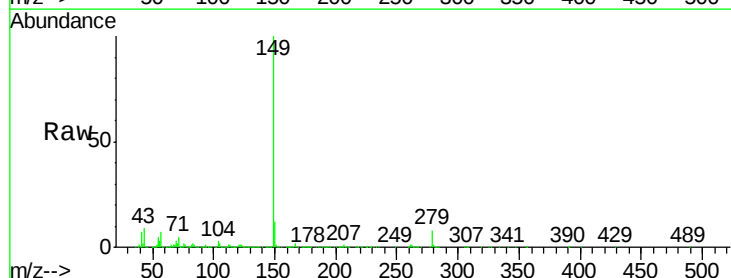
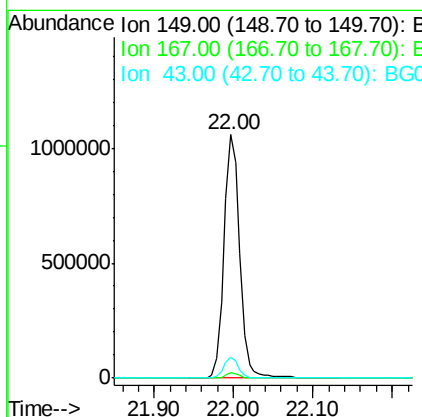
RT: 22.00 min Scan# 3286

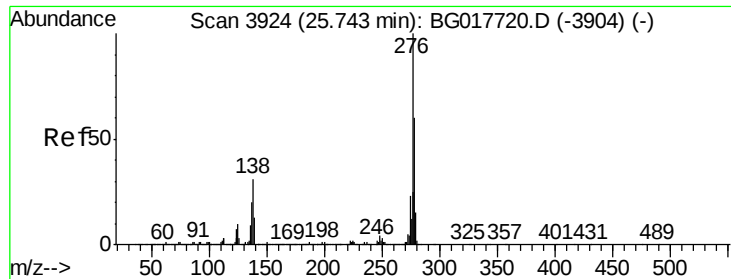
Delta R.T. -0.00 min

Lab File: BG017979.D

Acq: 20 Jul 2015 4:12

Tgt Ion:	149	Resp:	1447611
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.0	9.7	14.5#





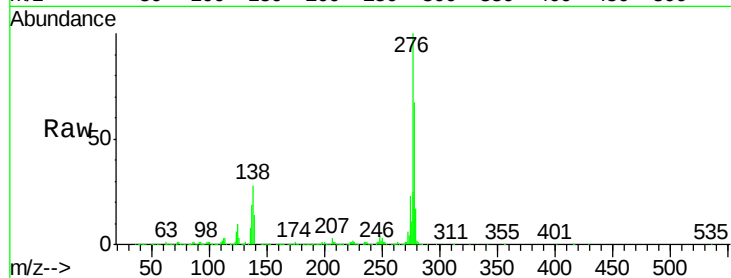
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.80 ng
 RT: 25.66 min Scan# 3910
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

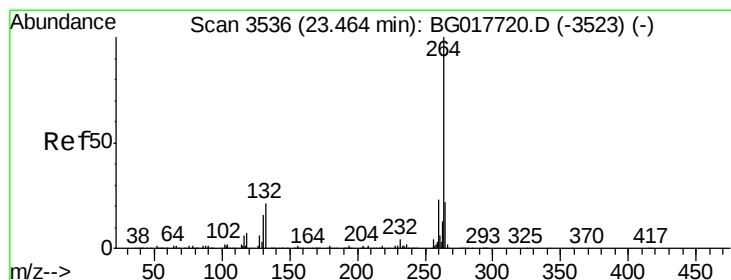
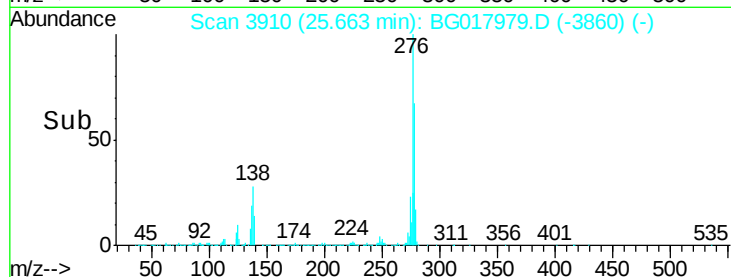
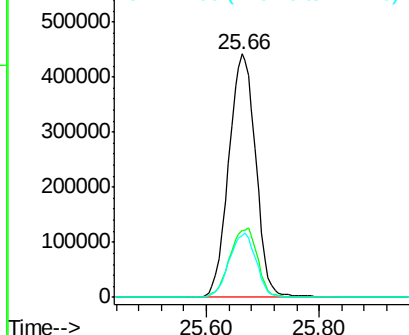
Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.4	25.4	38.0
277	26.4	21.0	31.4

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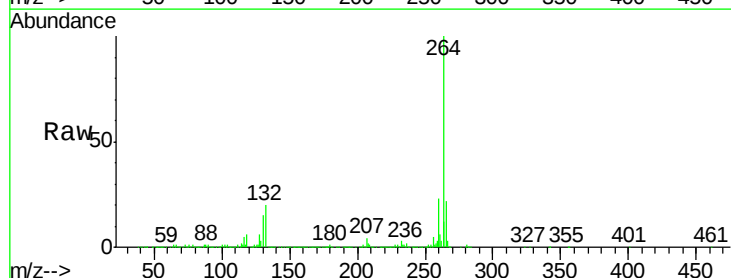


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

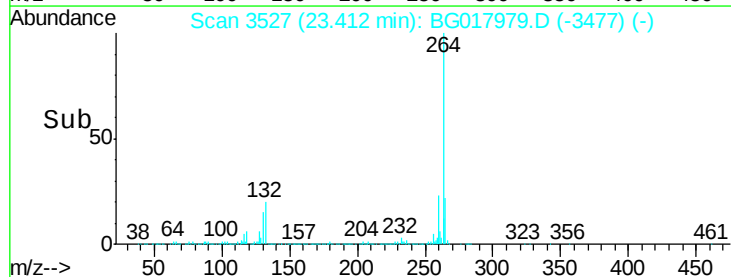
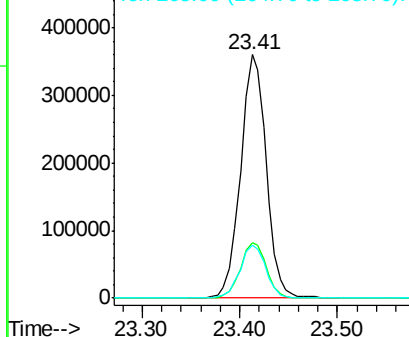


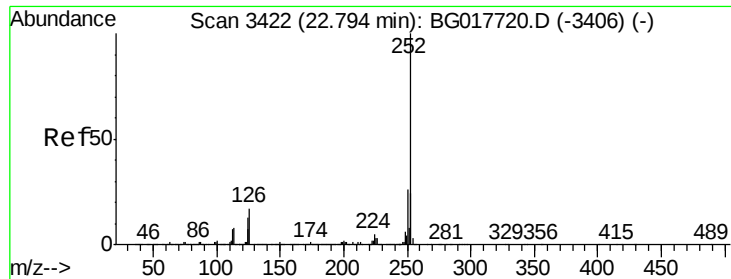
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.41 min Scan# 3527
 Delta R.T. -0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.6	18.2	27.2



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





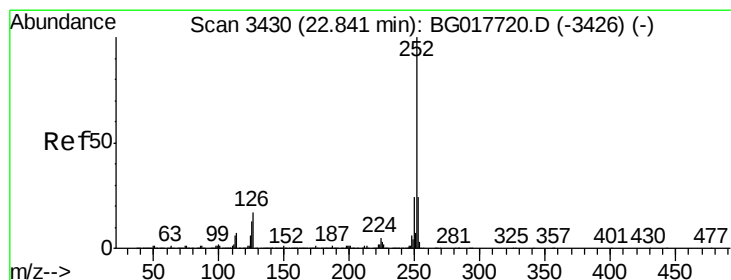
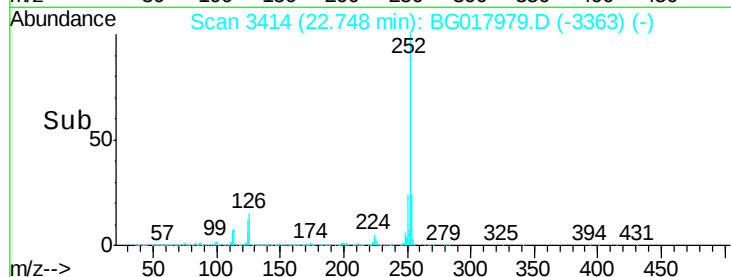
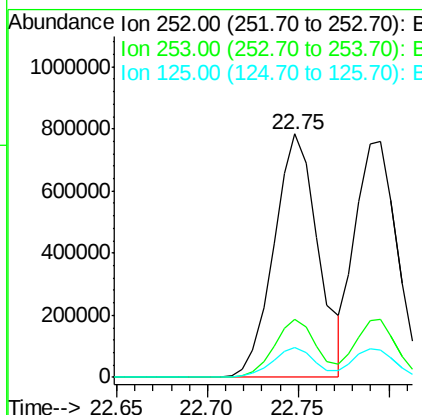
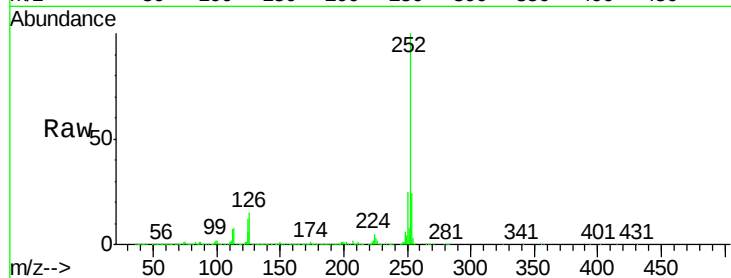
#87
Benzo(b)fluoranthene
Concen: 37.05 ng
RT: 22.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion:252 Resp: 1337044
Ion Ratio Lower Upper
252 100
253 23.9 19.7 29.5
125 12.5 10.6 15.8

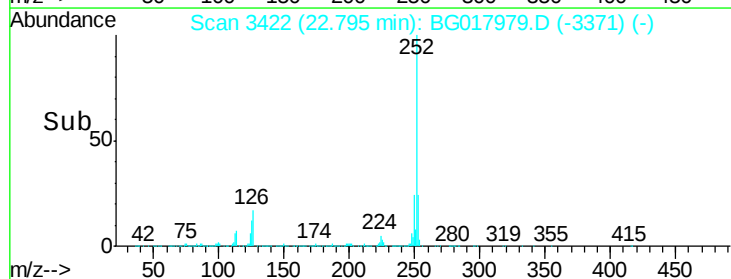
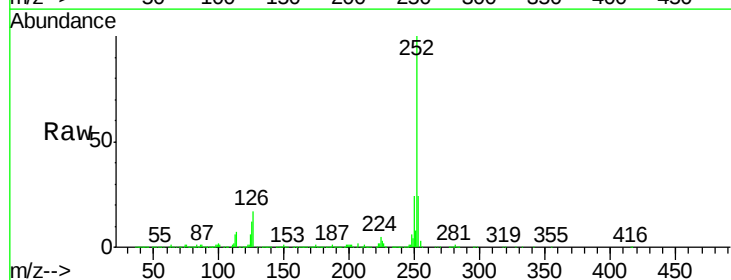
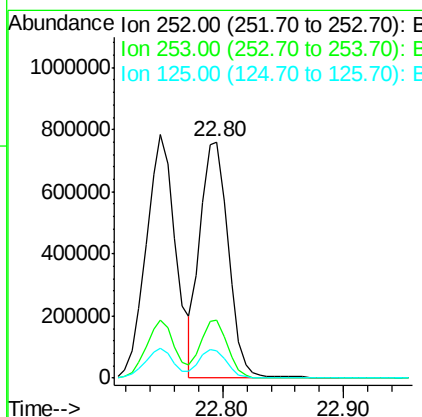
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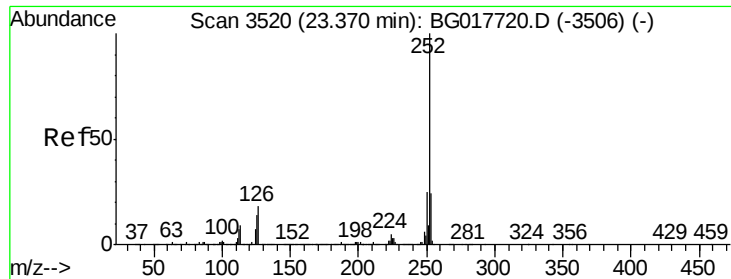
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#88
Benzo(k)fluoranthene
Concen: 34.05 ng
RT: 22.80 min Scan# 3422
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion:252 Resp: 1226901
Ion Ratio Lower Upper
252 100
253 24.3 19.0 28.6
125 11.8 10.3 15.5





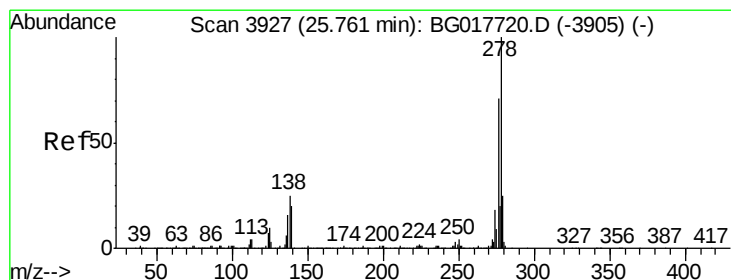
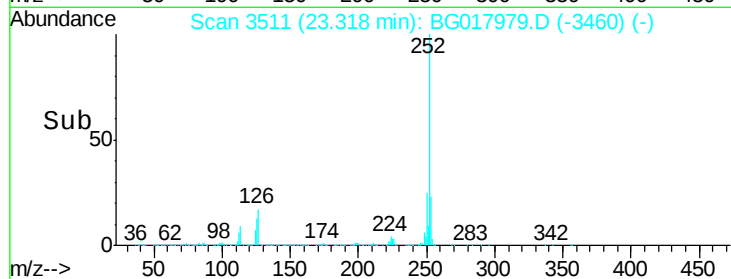
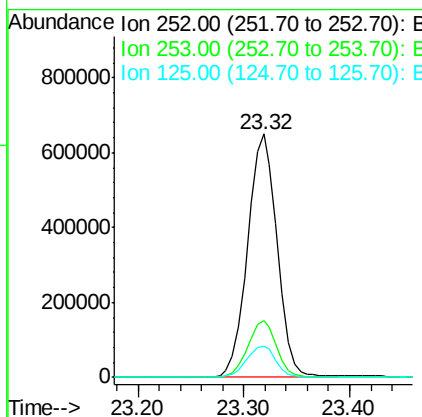
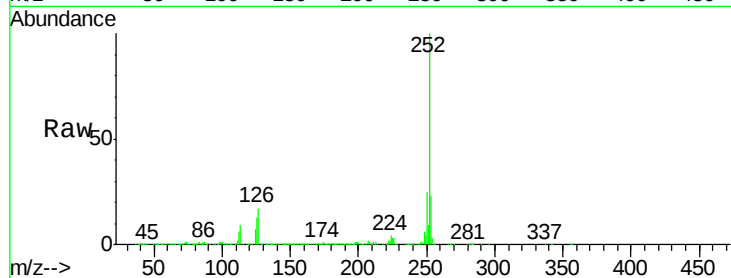
#89
Benzo(a)pyrene
Concen: 37.46 ng
RT: 23.32 min Scan# 3511
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Instrument :
BNA_G
ClientSampleId :
PB84467BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.0	28.6
125	12.9	11.1	16.7

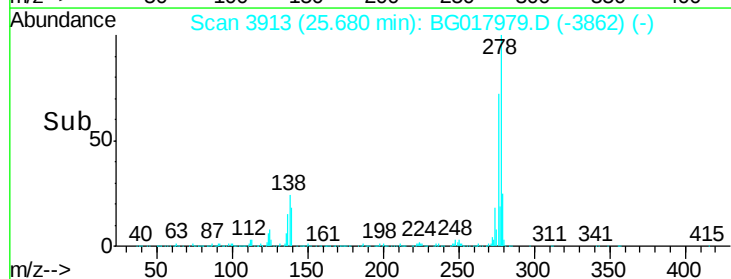
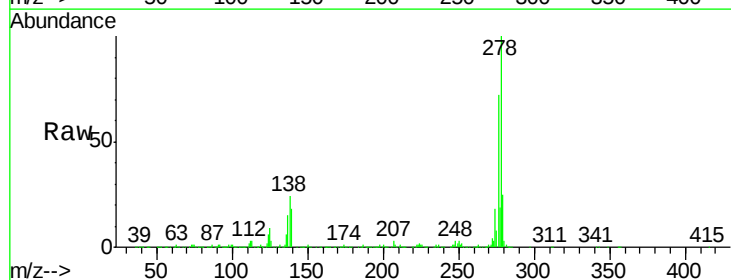
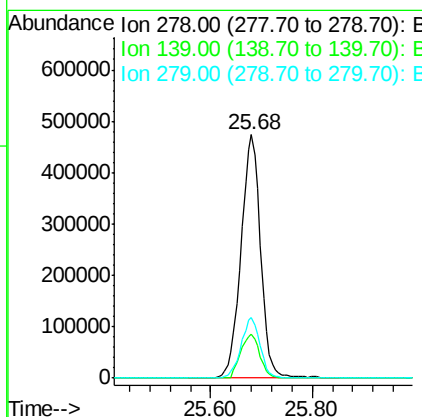
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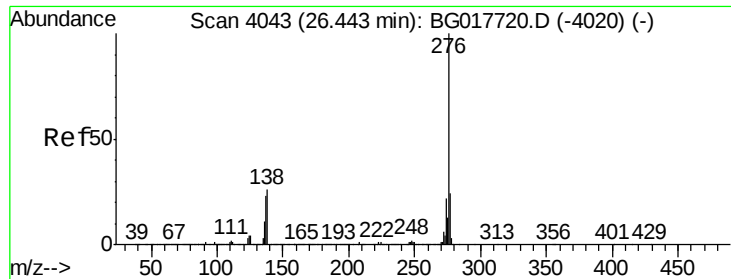
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#90
Dibenzo(a,h)anthracene
Concen: 36.43 ng
RT: 25.68 min Scan# 3913
Delta R.T. 0.00 min
Lab File: BG017979.D
Acq: 20 Jul 2015 4:12

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	16.2	24.2
279	25.1	19.9	29.9





#91
 Benzo(g,h,i)perylene
 Concen: 36.32 ng
 RT: 26.36 min Scan# 4028
 Delta R.T. 0.00 min
 Lab File: BG017979.D
 Acq: 20 Jul 2015 4:12

Instrument :
 BNA_G
 ClientSampleId :
 PB84467BS

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	24.3	18.9	28.3	
138	24.9	20.8	31.2	

Manual Integrations
 APPROVED

apatel
 7/20/2015 3:28:00 PM

