

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052615\
 Data File : BG017279.D
 Acq On : 26 May 2015 16:05
 Operator : TP/IZ
 Sample : PB83584BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Quant Time: May 27 03:20:56 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 03:15:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	21463	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	88817	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	61360	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	164157	20.00	ng	0.00
75) Chrysene-d12	21.26	240	190941	20.00	ng	0.00
86) Perylene-d12	23.51	264	188242	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	167255	138.26	ng	0.00
7) Phenol-d6	6.87	99	220816	130.07	ng	0.00
23) Nitrobenzene-d5	8.83	82	144575	76.00	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	116647	157.26	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	327655	78.36	ng	0.00
78) Terphenyl-d14	19.71	244	741540	80.93	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	16122	33.78	ng	99
3) Pyridine	3.52	79	48934	33.89	ng	98
4) n-Nitrosodimethylamine	3.44	42	37324	34.06	ng	# 99
6) Aniline	7.00	93	58530	24.92	ng	93
8) 2-Chlorophenol	7.24	128	59504	41.12	ng	98
9) Benzaldehyde	6.81	77	7686	5.34	ng	97
10) Phenol	6.90	94	75441	41.90	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	51964	38.49	ng	96
12) 1,3-Dichlorobenzene	7.55	146	59784	36.99	ng	95
13) 1,4-Dichlorobenzene	7.70	146	62383	38.24	ng	91
14) 1,2-Dichlorobenzene	8.01	146	58073	37.27	ng	96
15) Benzyl Alcohol	7.91	79	58691	35.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	82243	37.58	ng	97
17) 2-Methylphenol	8.13	107	50417	38.62	ng	95
18) Hexachloroethane	8.73	117	25802	37.86	ng	92
19) n-Nitroso-di-n-propylamine	8.48	70	48012	32.46	ng	99
20) 3+4-Methylphenols	8.46	107	70418	38.82	ng	91
22) Acetophenone	8.49	105	86728	40.23	ng	95
24) Nitrobenzene	8.87	77	71208	38.26	ng	97
25) Isophorone	9.39	82	127449	36.35	ng	96
26) 2-Nitrophenol	9.57	139	34192	41.09	ng	# 89
27) 2,4-Dimethylphenol	9.66	122	60081	43.87	ng	97
28) bis(2-Chloroethoxy)methane	9.88	93	67130	39.32	ng	96
29) 2,4-Dichlorophenol	10.13	162	59005	45.67	ng	99
30) 1,2,4-Trichlorobenzene	10.32	180	58457	39.89	ng	95
31) Naphthalene	10.51	128	173165	39.84	ng	98
32) Benzoic acid	9.80	122	36992	39.86	ng	# 88
33) 4-Chloroaniline	10.63	127	42560	20.70	ng	97
34) Hexachlorobutadiene	10.79	225	36533	39.37	ng	95
35) Caprolactam	11.41	113	18913	29.12	ng	95
36) 4-Chloro-3-methylphenol	11.79	107	73168	44.82	ng	94
37) 2-Methylnaphthalene	12.13	142	132283	38.38	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	67697	39.00	ng	100
40) Hexachlorocyclopentadiene	12.48	237	83444	78.80	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.76	196	51575	41.88	ng	98
43) 2,4,5-Trichlorophenol	12.85	196	59712	47.06	ng	95
45) 1,1'-Biphenyl	13.15	154	172295	38.98	ng	99
46) 2-Chloronaphthalene	13.19	162	138160	39.48	ng	99
47) 2-Nitroaniline	13.41	65	58891	43.26	ng	99
48) Acenaphthylene	14.04	152	238696	39.83	ng	99
49) Dimethylphthalate	13.79	163	200247	41.74	ng	99
50) 2,6-Dinitrotoluene	13.91	165	47010	44.22	ng	99
51) Acenaphthene	14.39	154	137797	38.93	ng	99
52) 3-Nitroaniline	14.24	138	36668	31.09	ng	91
53) 2,4-Dinitrophenol	14.45	184	58717	95.12	ng	89
54) Dibenzofuran	14.72	168	222788	42.33	ng	98
55) 4-Nitrophenol	14.60	139	95351	100.39	ng	92
56) 2,4-Dinitrotoluene	14.70	165	73003	49.23	ng	91
57) Fluorene	15.37	166	199258	42.78	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.96	232	55620	47.76	ng	98
59) Diethylphthalate	15.16	149	220846	42.85	ng	99
60) 4-Chlorophenyl-phenylether	15.37	204	101567	42.45	ng	93
61) 4-Nitroaniline	15.41	138	62665	47.62	ng	93
62) Azobenzene	15.66	77	215719	43.81	ng	96
64) 4,6-Dinitro-2-methylphenol	15.46	198	45007	40.00	ng	96
65) n-Nitrosodiphenylamine	15.59	169	181926	36.10	ng	98
66) 4-Bromophenyl-phenylether	16.27	248	65610	36.65	ng	94
67) Hexachlorobenzene	16.38	284	68672	36.35	ng	93
68) Atrazine	16.55	200	83851	45.48	ng	98
69) Pentachlorophenol	16.73	266	96332	81.68	ng	97
70) Phenanthrene	17.11	178	337301	39.85	ng	98
71) Anthracene	17.21	178	350747	40.88	ng	98
72) Carbazole	17.48	167	361187	45.82	ng	96
73) Di-n-butylphthalate	18.05	149	469591	44.52	ng	97
74) Fluoranthene	19.13	202	460826	45.33	ng	98
76) Benzidine	19.33	184	210464	33.76	ng	98
77) Pyrene	19.50	202	473381	40.41	ng	98
79) Butylbenzylphthalate	20.40	149	211495	39.71	ng	99
80) Benzo(a)anthracene	21.24	228	443623	40.54	ng	99
81) 3,3'-Dichlorobenzidine	21.18	252	121262	28.64	ng	99
82) Chrysene	21.30	228	408800	40.11	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	296882	39.22	ng	99
84) Di-n-octyl phthalate	22.05	149	510469	40.50	ng	97
85) Indeno(1,2,3-cd)pyrene	25.80	276	489109	40.10	ng	100
87) Benzo(b)fluoranthene	22.82	252	432982	39.46	ng	99
88) Benzo(k)fluoranthene	22.87	252	429380	41.21	ng	99
89) Benzo(a)pyrene	23.41	252	419093	41.59	ng	99
90) Dibenzo(a,h)anthracene	25.81	278	414262	40.04	ng	95
91) Benzo(g,h,i)perylene	26.50	276	394624	40.53	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.66 min Scan# 847

Delta R.T. 0.00 min

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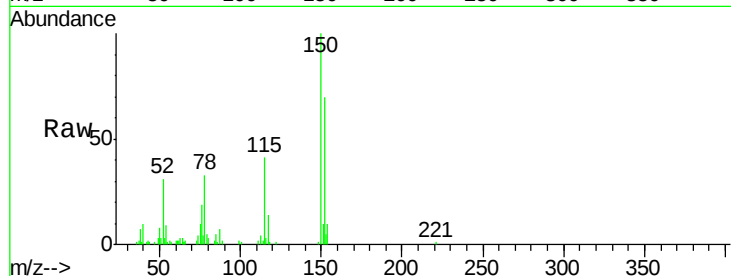
Tgt Ion:152 Resp: 21463

Ion Ratio Lower Upper

152 100

150 142.9 120.8 181.2

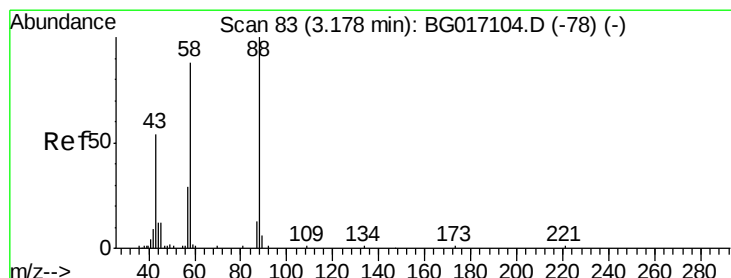
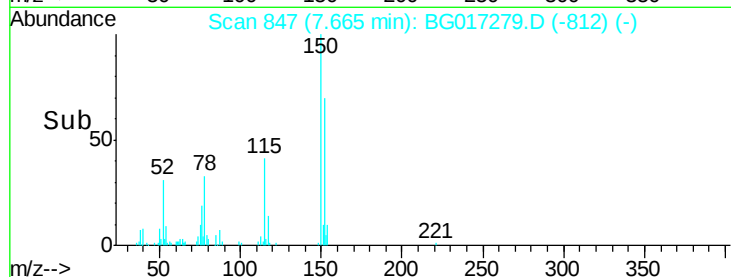
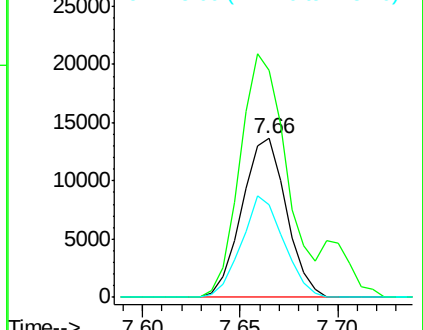
115 58.5 49.4 74.2



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: 33.78 ng

RT: 3.12 min Scan# 73

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

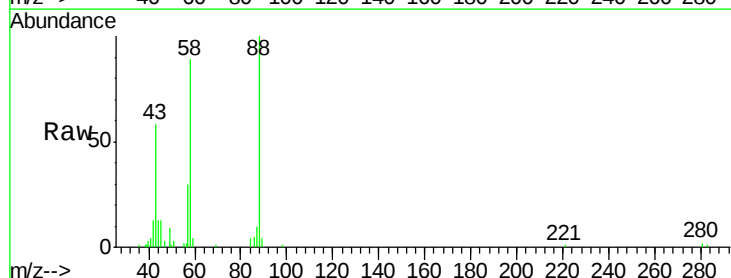
Tgt Ion: 88 Resp: 16122

Ion Ratio Lower Upper

88 100

58 86.9 68.6 103.0

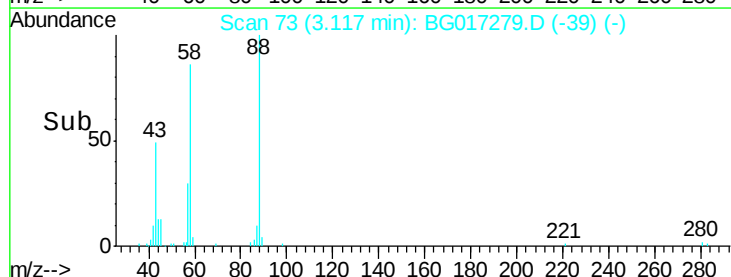
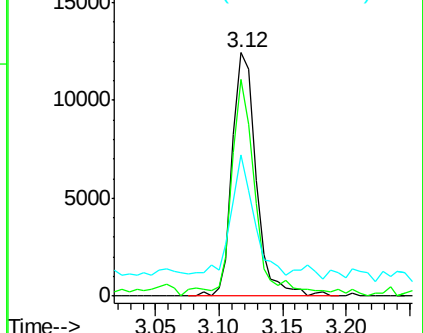
43 51.1 40.3 60.5



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: 33.89 ng

RT: 3.52 min Scan# 141

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

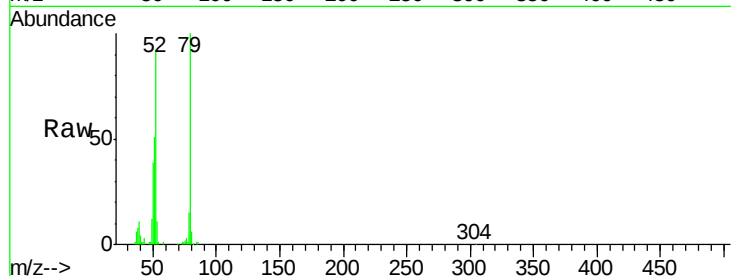
Tgt Ion: 79 Resp: 48934

Ion Ratio Lower Upper

79 100

52 92.0 72.2 108.2

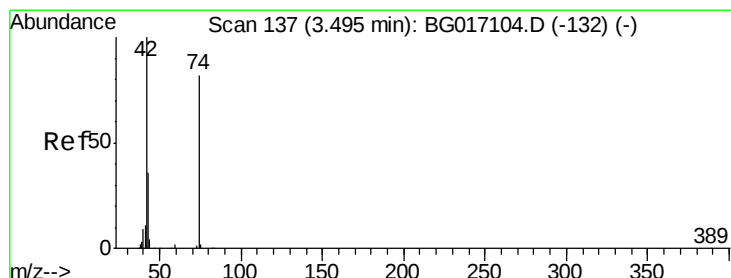
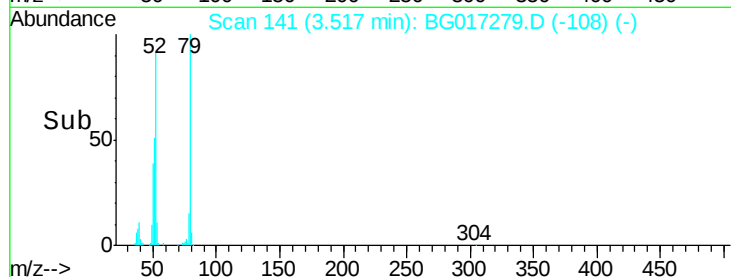
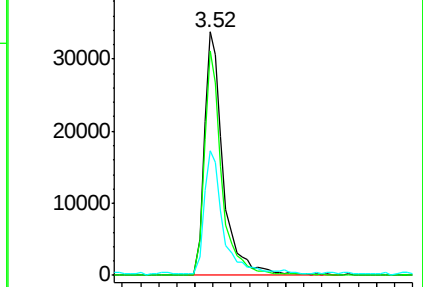
51 51.3 40.6 60.8



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 34.06 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

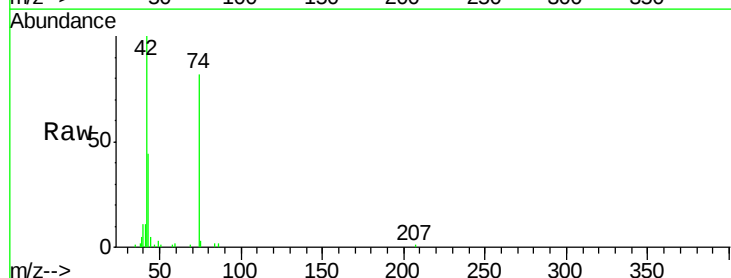
Tgt Ion: 42 Resp: 37324

Ion Ratio Lower Upper

42 100

74 82.0 65.2 97.8

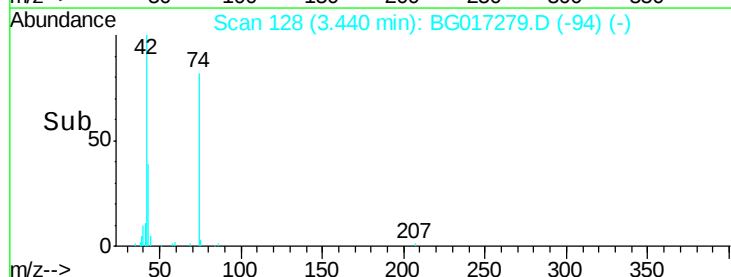
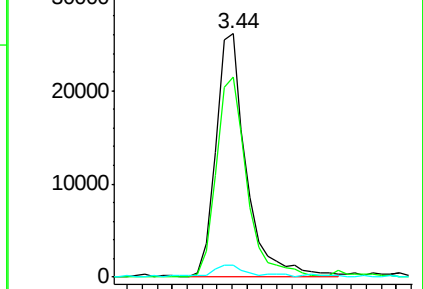
44 4.9 3.2 4.8#

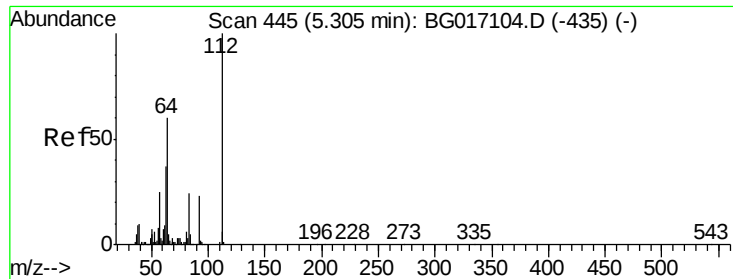


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.26 ng

RT: 5.26 min Scan# 438

Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

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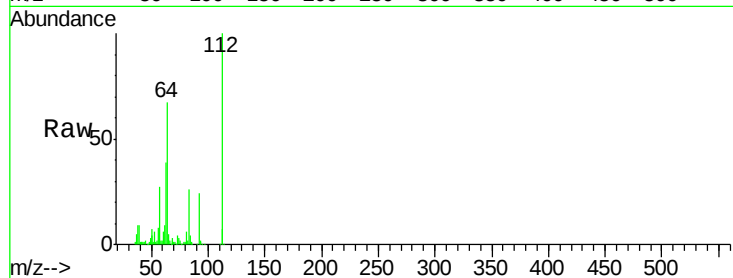
Tgt Ion: 112 Resp: 167255

Ion Ratio Lower Upper

112 100

64 66.6 48.1 72.1

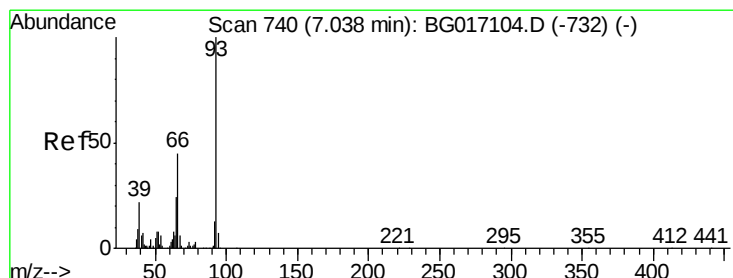
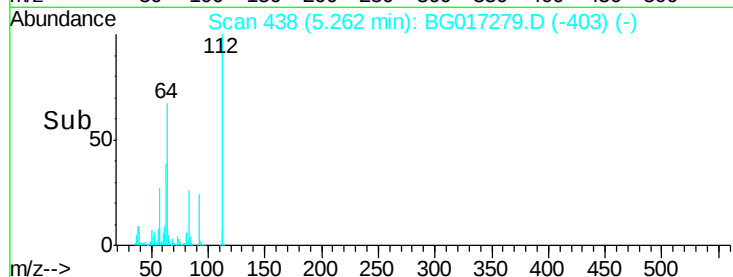
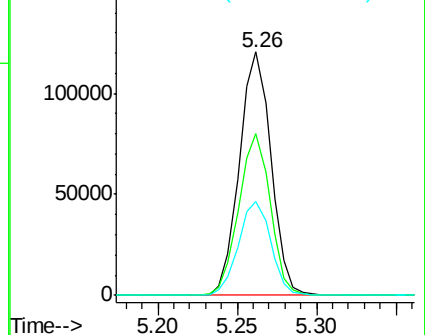
63 38.7 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.92 ng

RT: 7.00 min Scan# 733

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

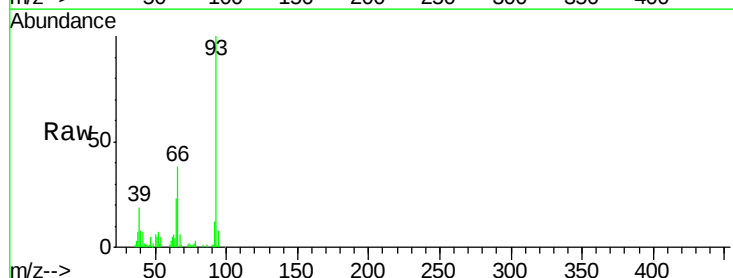
Tgt Ion: 93 Resp: 58530

Ion Ratio Lower Upper

93 100

66 38.4 35.8 53.8

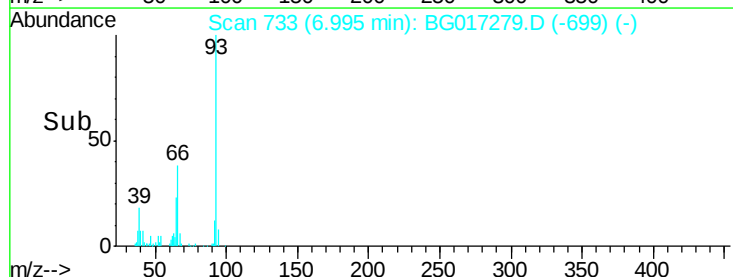
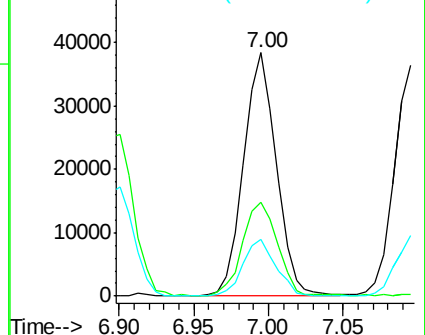
65 23.4 19.2 28.8

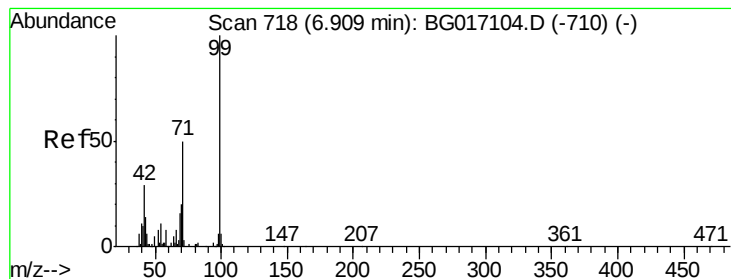


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 130.07 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

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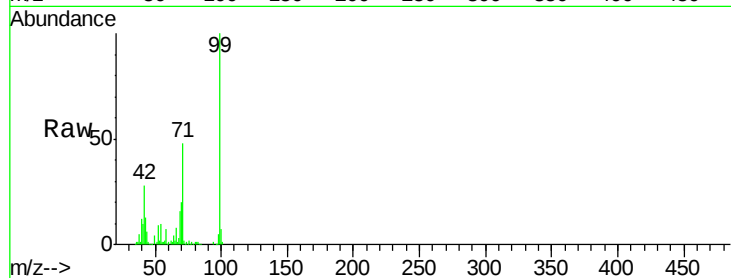
Tgt Ion: 99 Resp: 220816

Ion Ratio Lower Upper

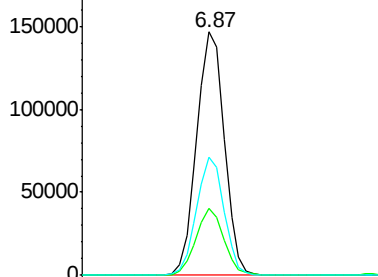
99 100

42 27.5 23.5 35.3

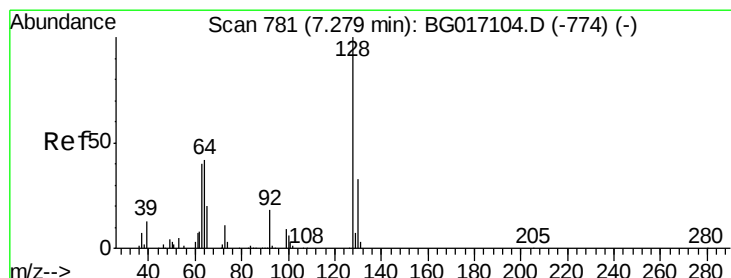
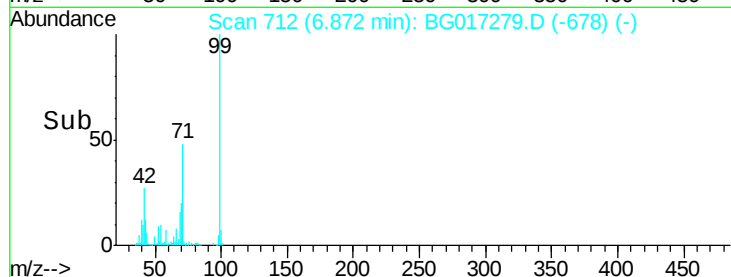
71 48.4 39.8 59.8



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



Time-->



#8

2-Chlorophenol

Concen: 41.12 ng

RT: 7.24 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

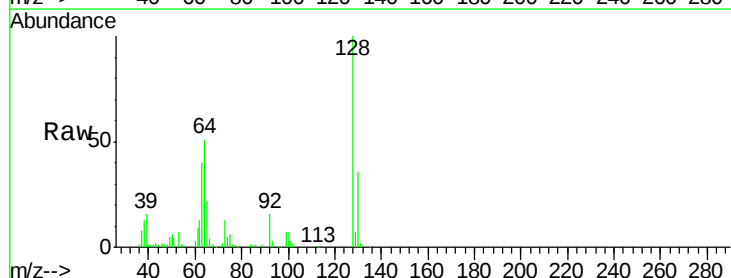
Tgt Ion: 128 Resp: 59504

Ion Ratio Lower Upper

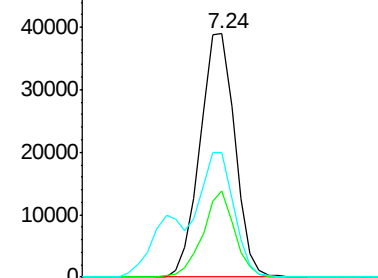
128 100

130 35.5 13.3 53.3

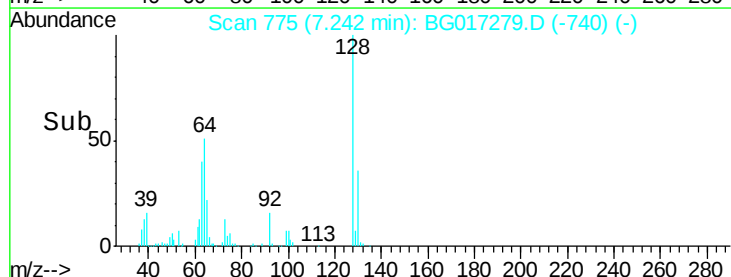
64 51.3 30.9 70.9

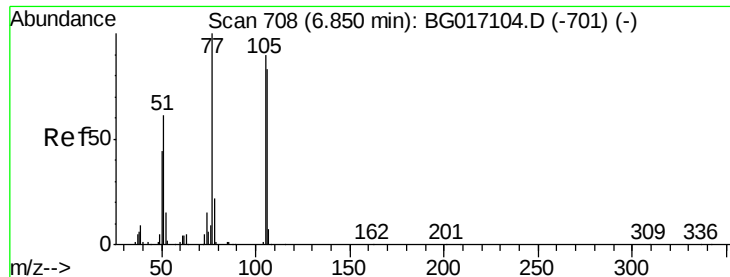


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 5.34 ng

RT: 6.81 min Scan# 701

Delta R.T. 0.00 min

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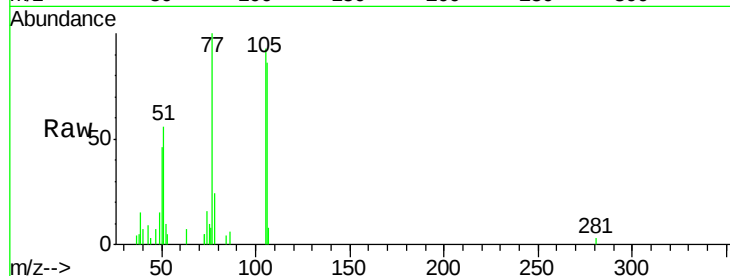
Tgt Ion: 77 Resp: 7686

Ion Ratio Lower Upper

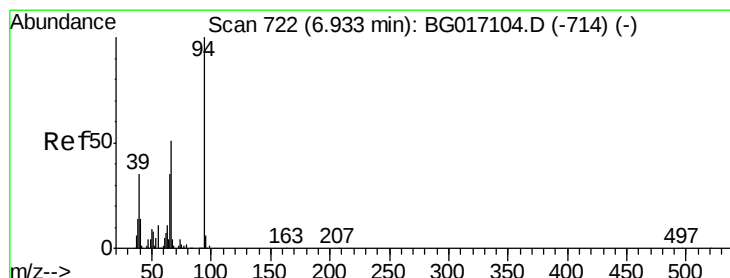
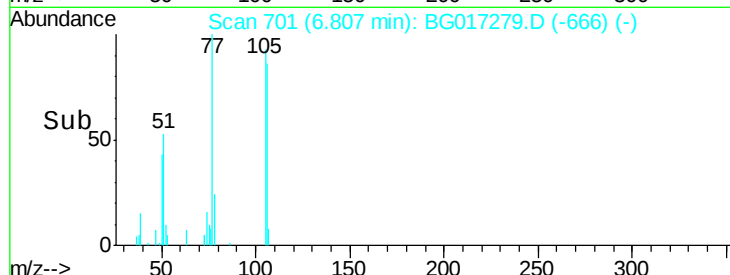
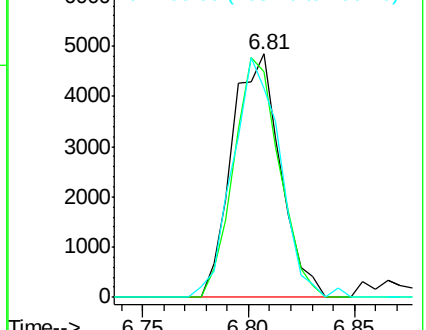
77 100

105 92.5 69.5 109.5

106 86.1 63.4 103.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.90 ng

RT: 6.90 min Scan# 717

Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

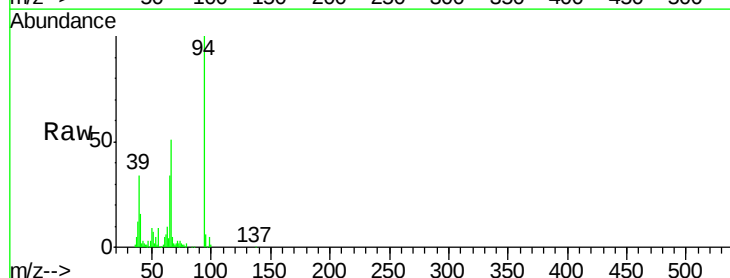
Tgt Ion: 94 Resp: 75441

Ion Ratio Lower Upper

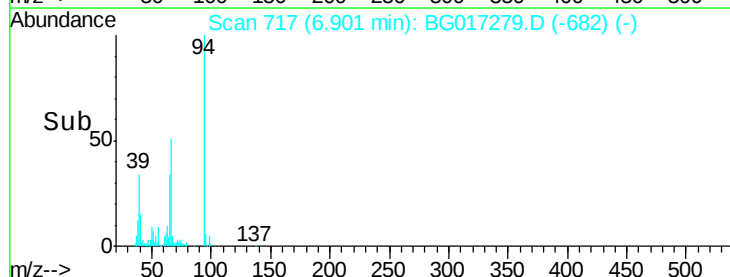
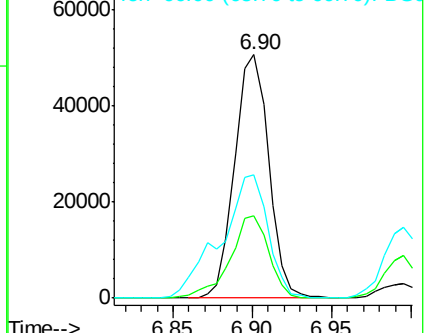
94 100

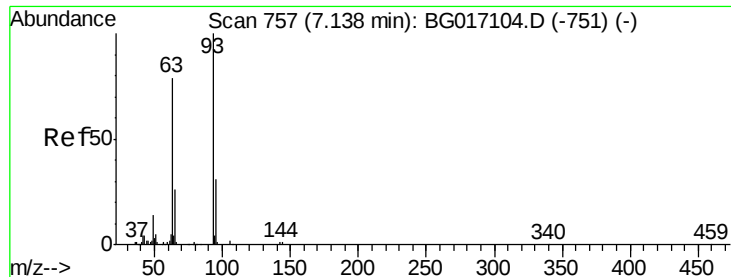
65 33.9 15.0 55.0

66 50.5 32.1 72.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 38.49 ng

RT: 7.09 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

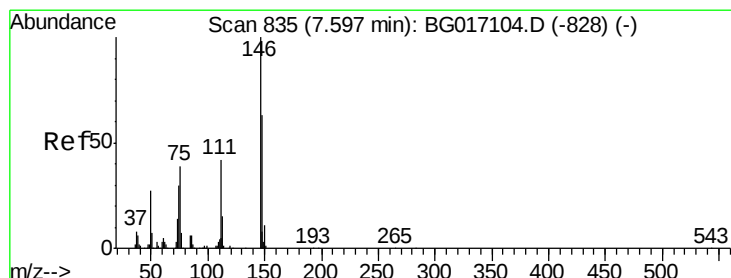
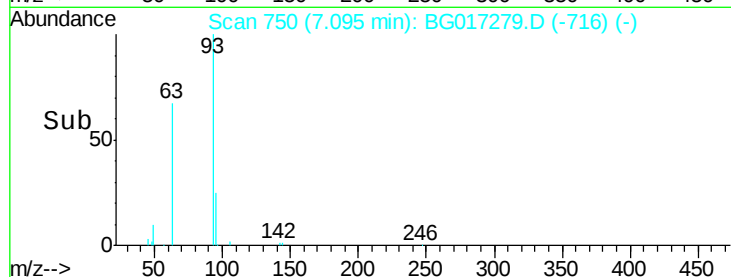
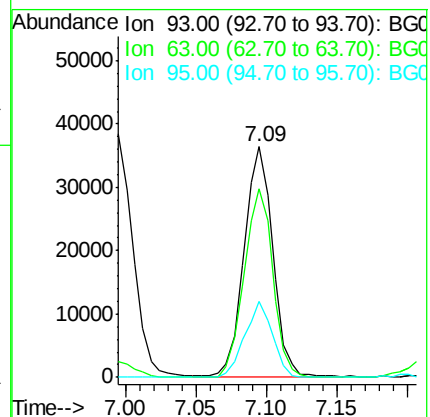
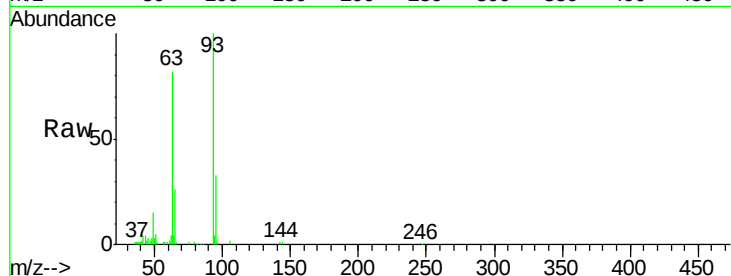
Tgt Ion: 93 Resp: 51964

Ion Ratio Lower Upper

93 100

63 81.9 58.5 98.5

95 33.2 11.0 51.0



#12

1,3-Dichlorobenzene

Concen: 36.99 ng

RT: 7.55 min Scan# 827

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

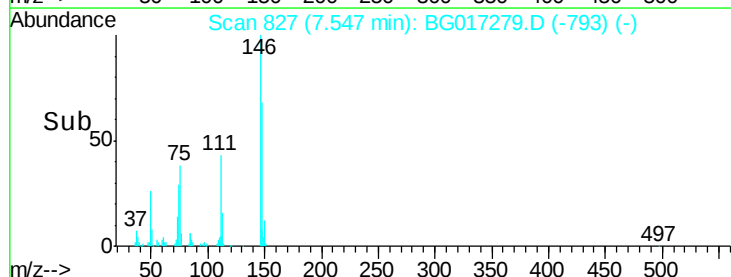
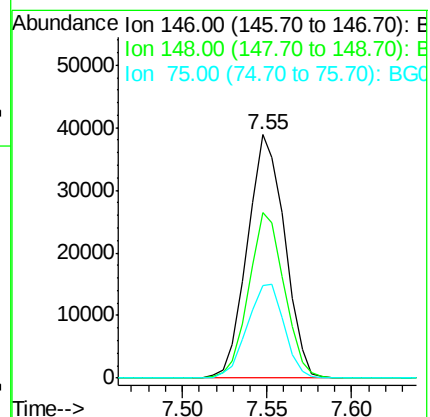
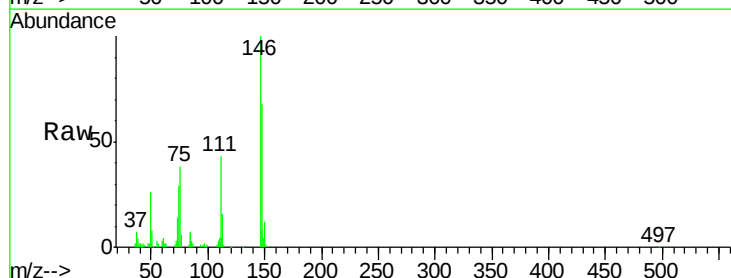
Tgt Ion: 146 Resp: 59784

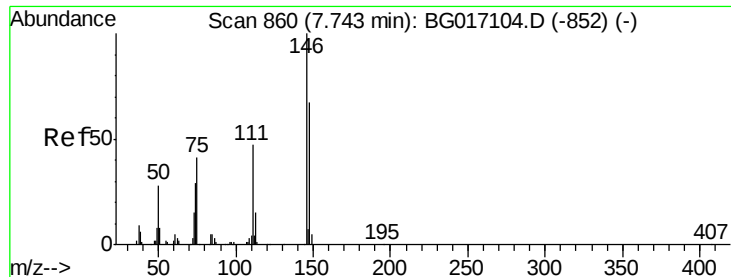
Ion Ratio Lower Upper

146 100

148 68.1 50.6 75.8

75 38.0 31.4 47.2

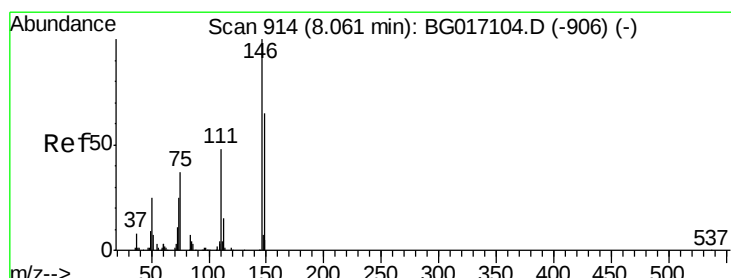
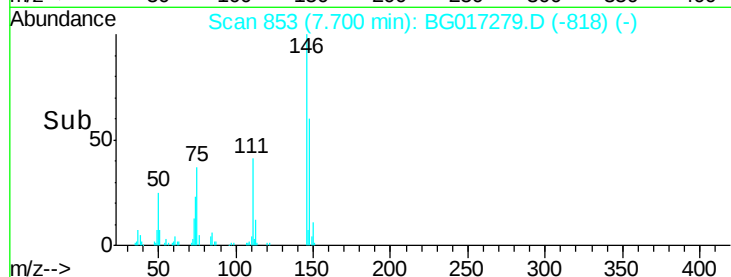
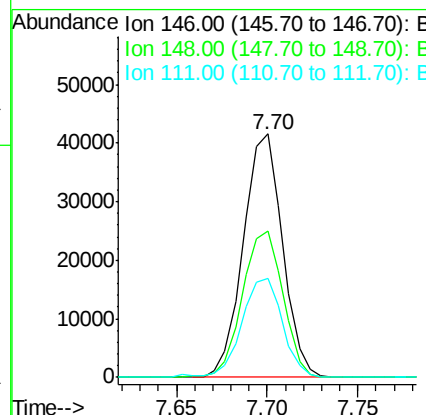
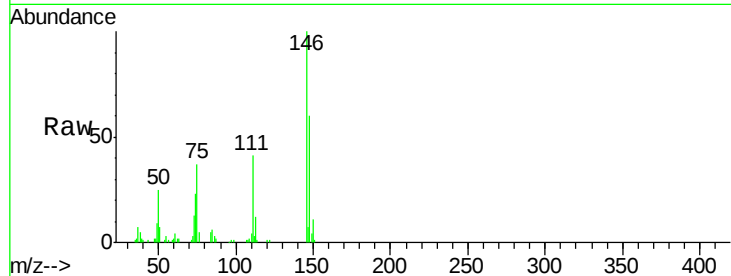




#13
 1,4-Dichlorobenzene
 Concen: 38.24 ng
 RT: 7.70 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

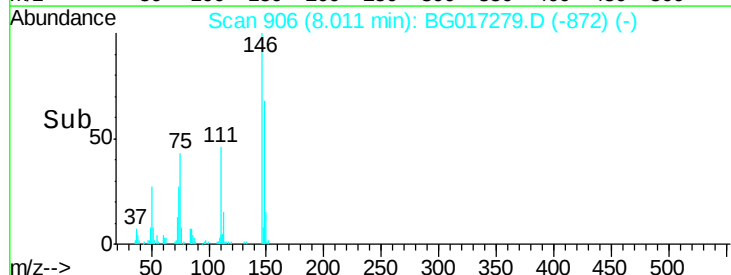
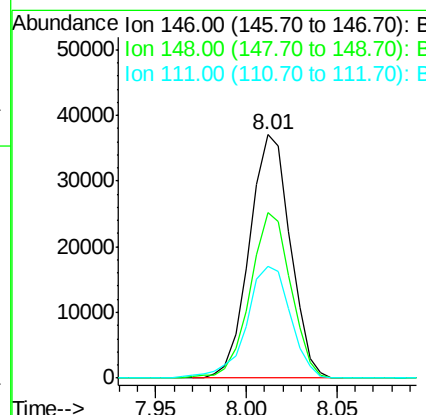
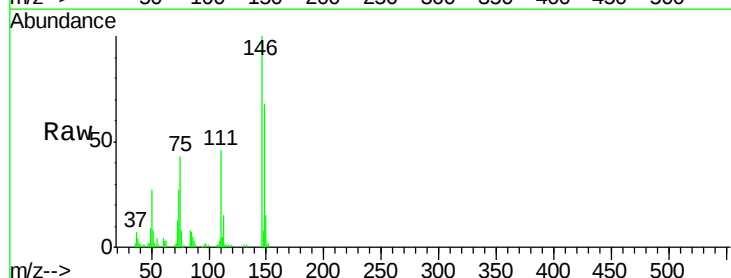
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

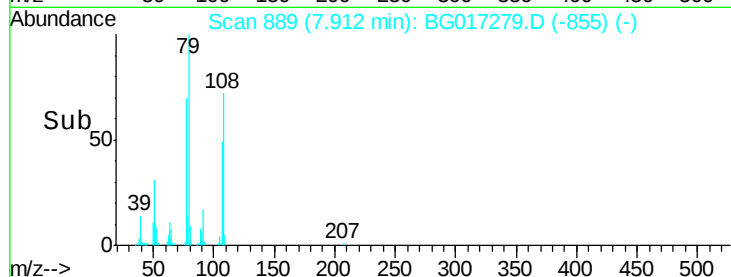
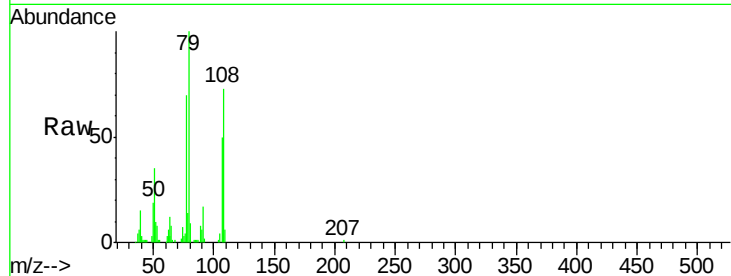
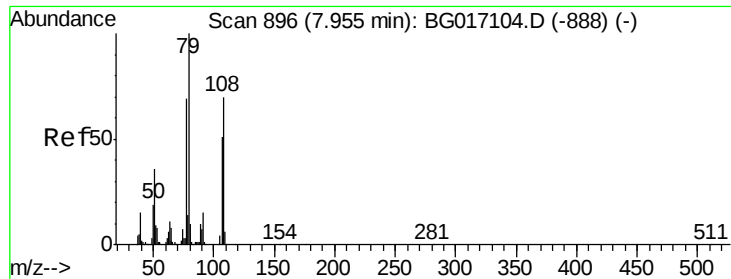
Tgt Ion:146 Resp: 62383
 Ion Ratio Lower Upper
 146 100
 148 60.3 53.9 80.9
 111 40.8 37.9 56.9



#14
 1,2-Dichlorobenzene
 Concen: 37.27 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion:146 Resp: 58073
 Ion Ratio Lower Upper
 146 100
 148 68.2 52.3 78.5
 111 46.1 39.0 58.4





#15

Benzyl Alcohol

Concen: 35.58 ng

RT: 7.91 min Scan# 889

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

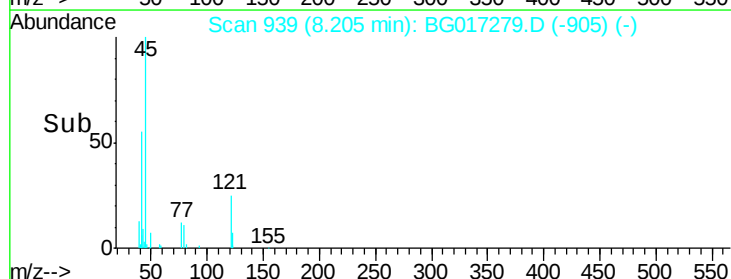
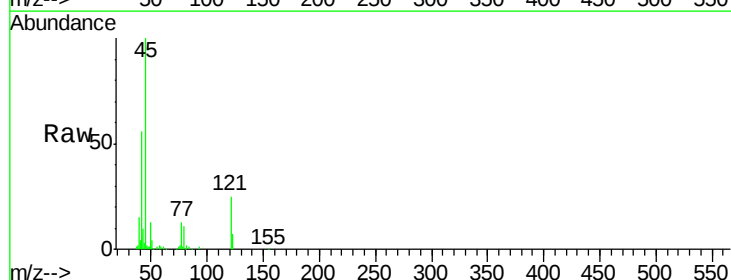
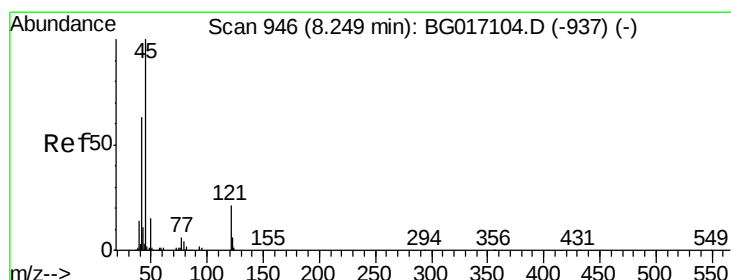
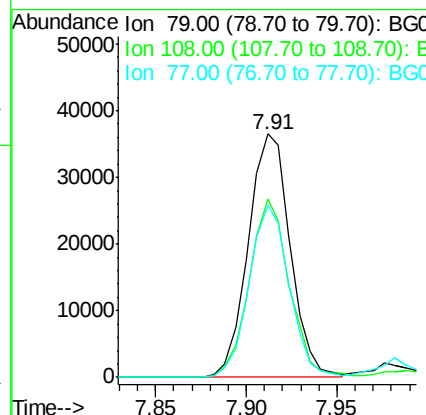
Tgt Ion: 79 Resp: 58691

Ion Ratio Lower Upper

79 100

108 73.0 55.8 83.6

77 70.4 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.58 ng

RT: 8.21 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

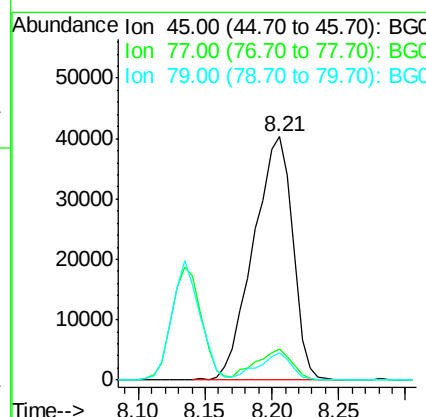
Tgt Ion: 45 Resp: 82243

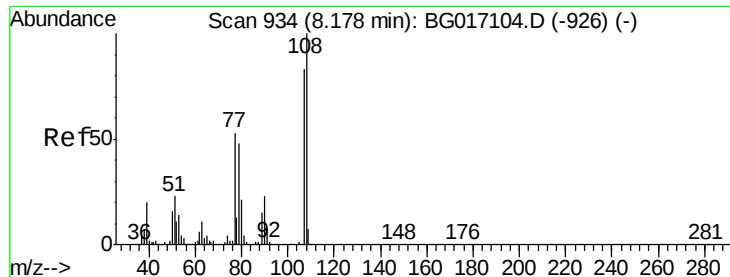
Ion Ratio Lower Upper

45 100

77 12.7 0.0 32.5

79 11.5 0.0 29.4

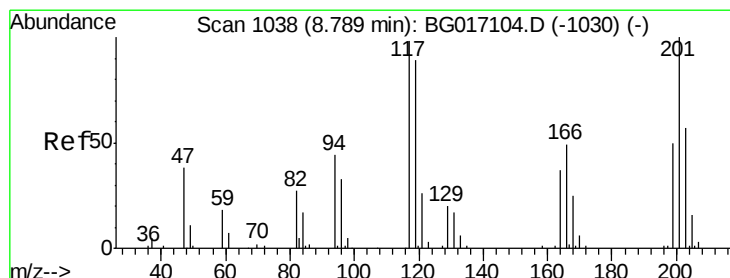
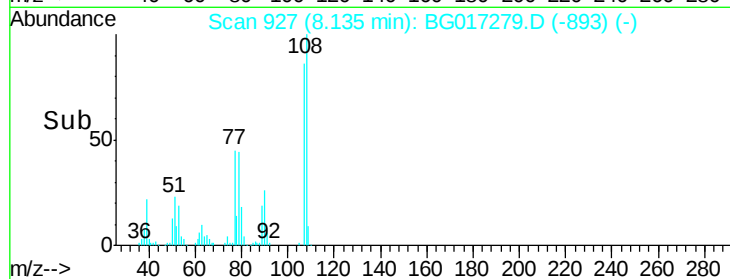
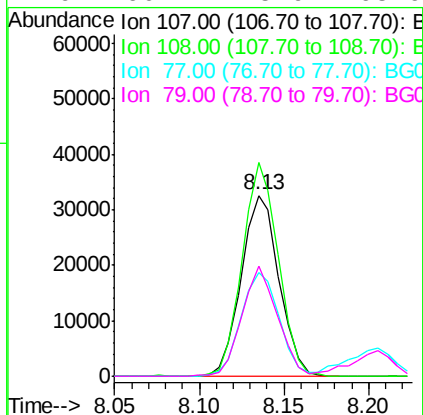
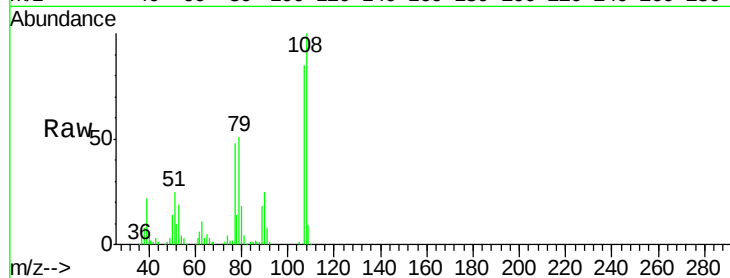




#17
2-Methylphenol
Concen: 38.62 ng
RT: 8.13 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

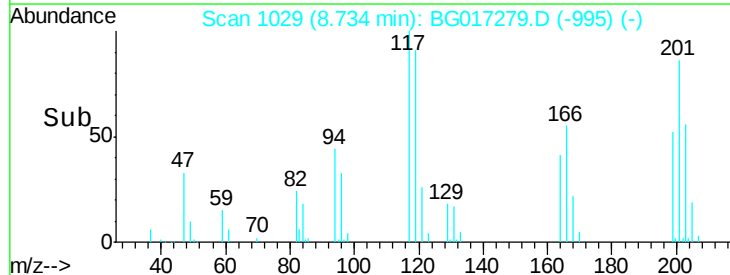
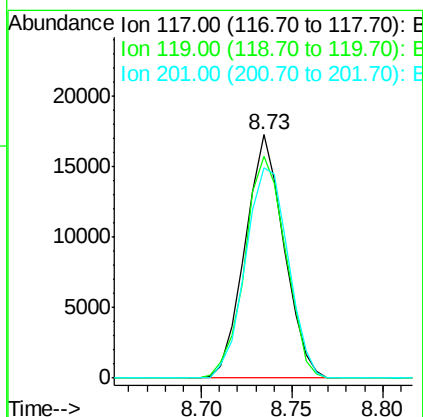
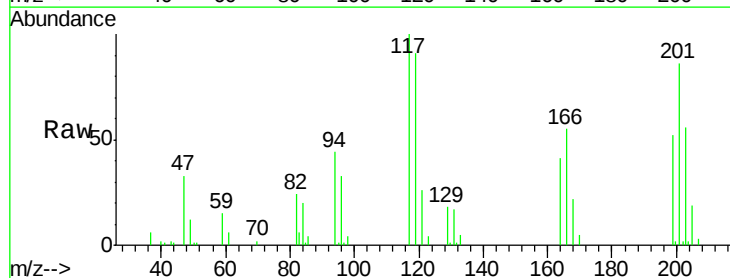
Instrument :
BNA_G
ClientSampleId :
PB83584BS

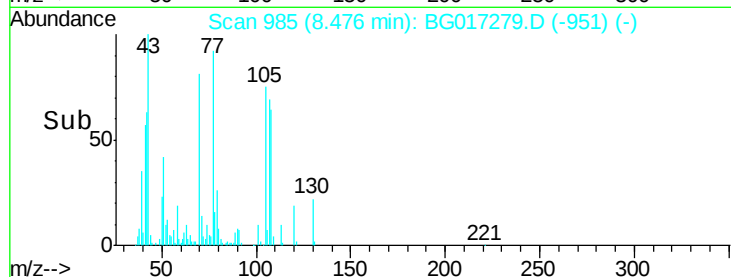
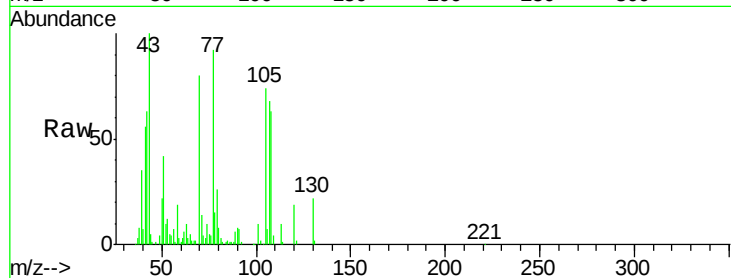
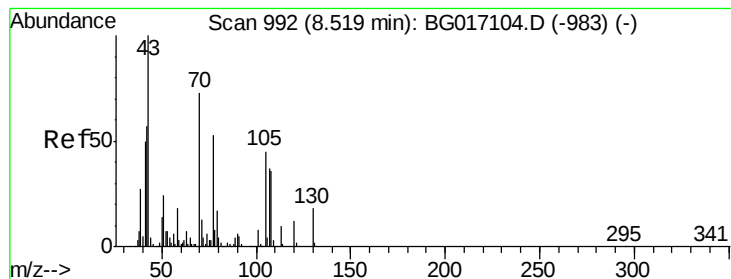
Tgt Ion:	107	Resp:	50417
Ion	Ratio	Lower	Upper
107	100		
108	118.0	96.6	144.8
77	57.2	51.2	76.8
79	60.7	45.9	68.9



#18
Hexachloroethane
Concen: 37.86 ng
RT: 8.73 min Scan# 1029
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion:	117	Resp:	25802
Ion	Ratio	Lower	Upper
117	100		
119	91.2	73.0	109.6
201	86.5	81.7	122.5





#19

n-Nitroso-di-n-propylamine

Concen: 32.46 ng

RT: 8.48 min Scan# 985

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

Tgt Ion: 70 Resp: 48012

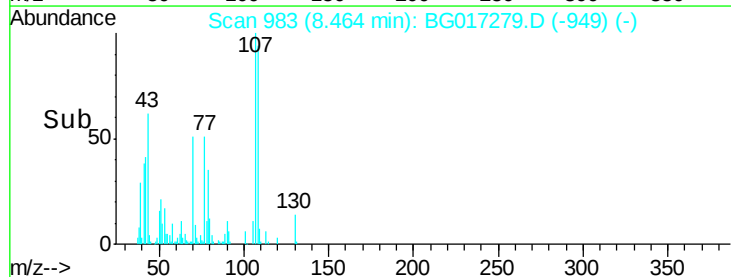
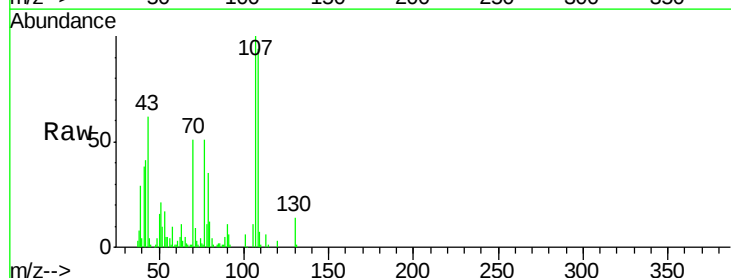
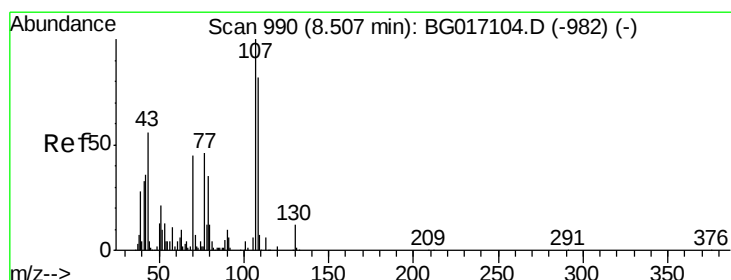
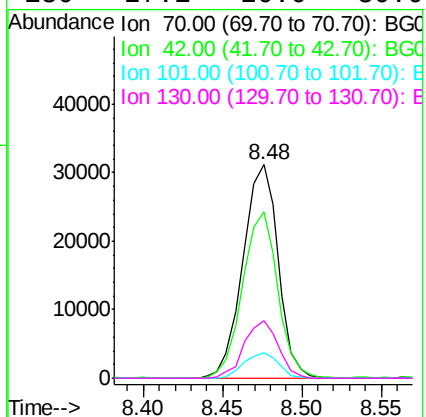
Ion Ratio Lower Upper

70 100

42 78.1 62.6 94.0

101 12.3 9.0 13.4

130 27.1 20.0 30.0



#20

3+4-Methylphenols

Concen: 38.82 ng

RT: 8.46 min Scan# 983

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion: 107 Resp: 70418

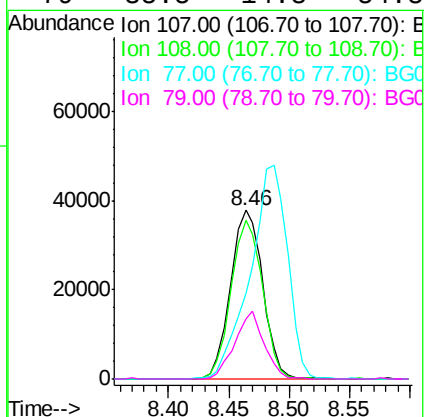
Ion Ratio Lower Upper

107 100

108 93.9 62.2 102.2

77 51.2 26.0 66.0

79 35.5 14.8 54.8

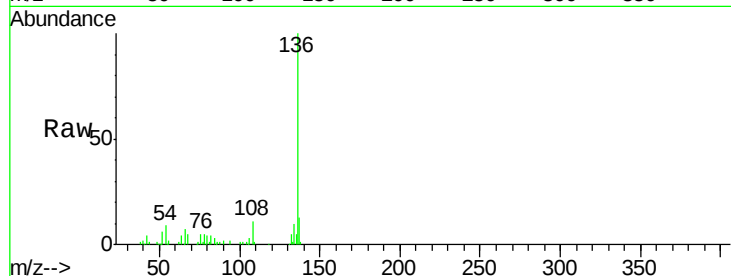




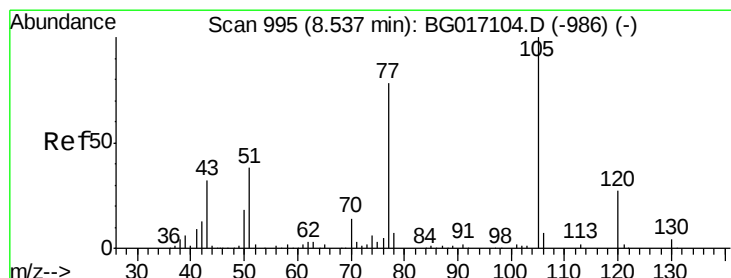
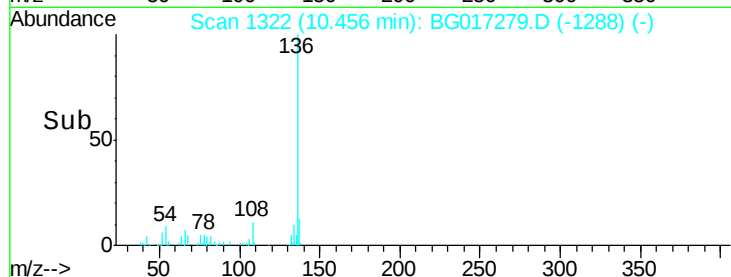
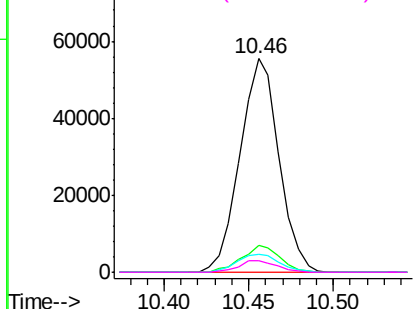
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.46 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Instrument :
BNA_G
ClientSampleId :
PB83584BS

Tgt Ion:	136	Resp:	88817
Ion	Ratio	Lower	Upper
136	100		
137	12.7	8.3	12.5#
54	9.0	7.4	11.2
68	5.2	3.6	5.4

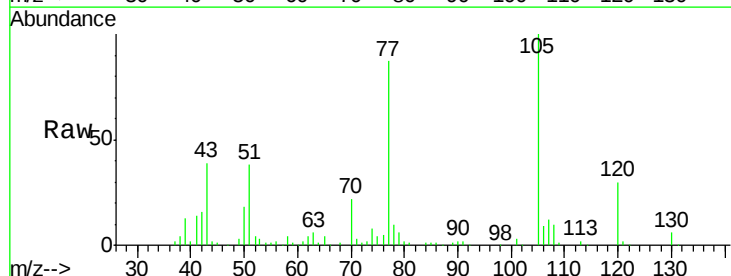


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

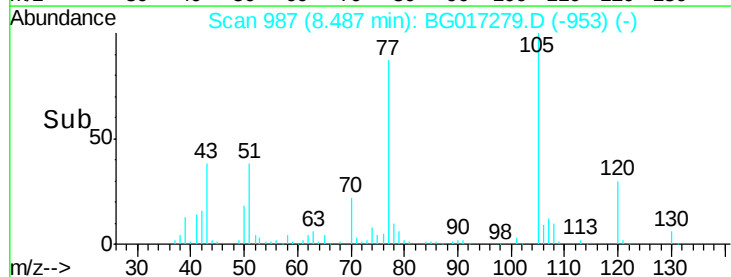
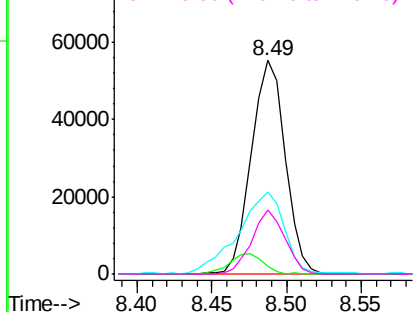


#22
Acetophenone
Concen: 40.23 ng
RT: 8.49 min Scan# 987
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion:	105	Resp:	86728
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.2	3.4
51	38.3	32.8	49.2
120	29.9	21.8	32.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

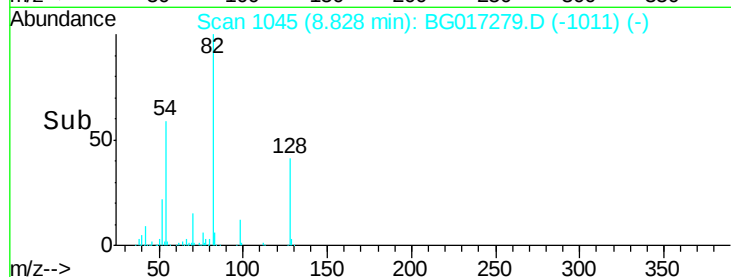
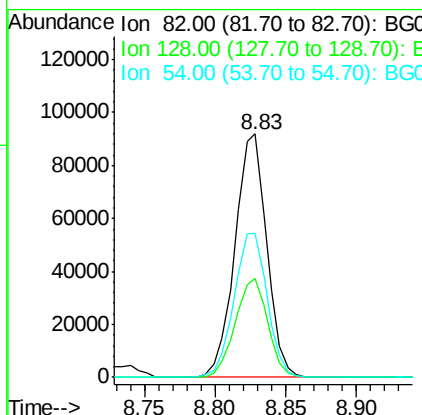
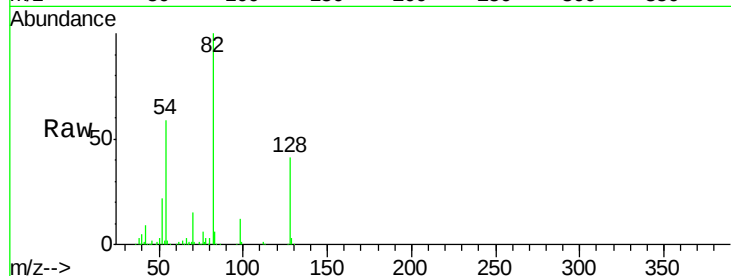




#23
 Nitrobenzene-d5
 Concen: 76.00 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

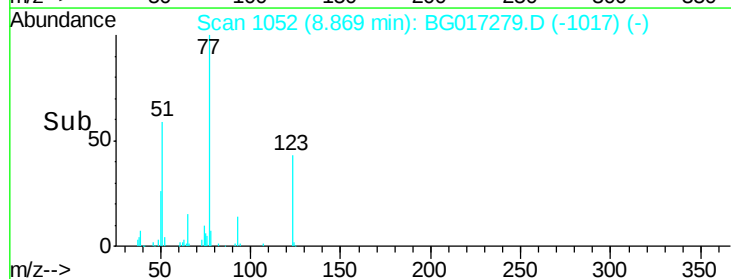
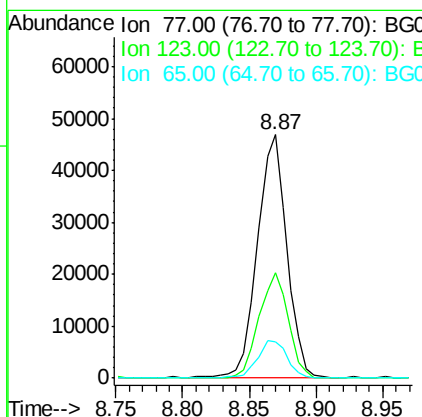
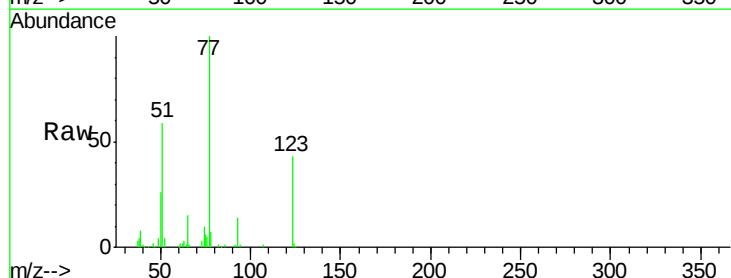
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Tgt Ion: 82 Resp: 144575
 Ion Ratio Lower Upper
 82 100
 128 40.8 32.6 49.0
 54 59.2 49.6 74.4



#24
 Nitrobenzene
 Concen: 38.26 ng
 RT: 8.87 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion: 77 Resp: 71208
 Ion Ratio Lower Upper
 77 100
 123 43.3 33.0 49.4
 65 15.0 13.3 19.9

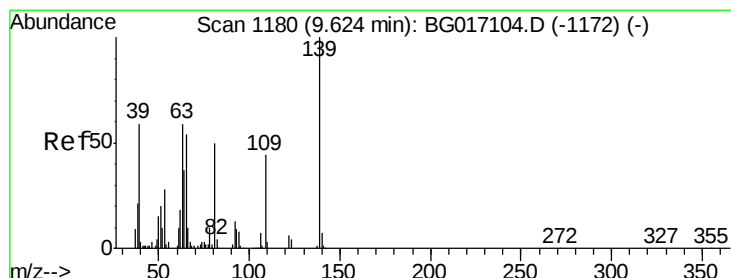
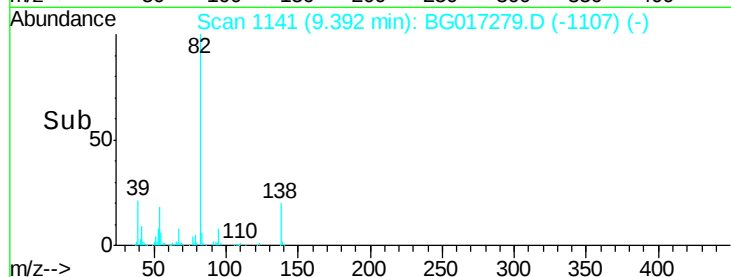
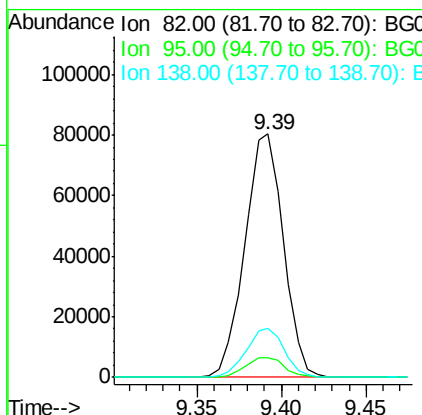
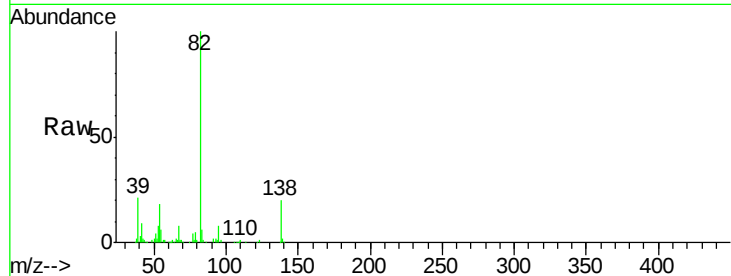




#25
Isophorone
Concen: 36.35 ng
RT: 9.39 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

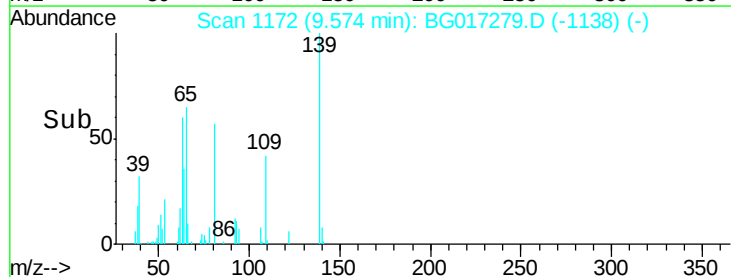
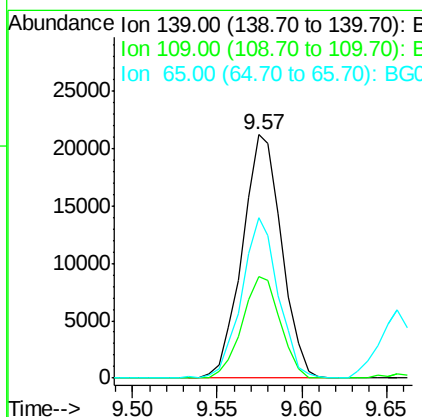
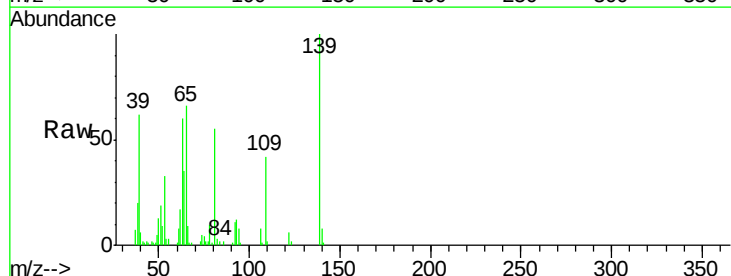
Instrument :
BNA_G
ClientSampleId :
PB83584BS

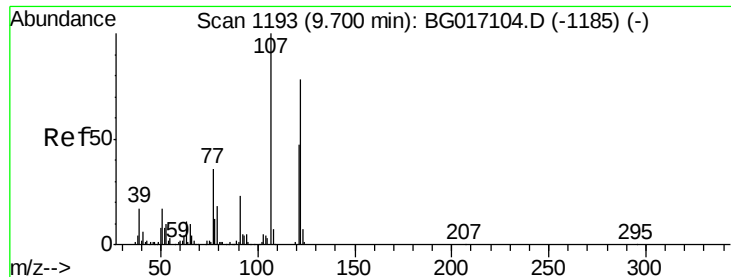
Tgt Ion: 82 Resp: 127449
Ion Ratio Lower Upper
82 100
95 7.9 7.7 11.5
138 20.3 15.0 22.6



#26
2-Nitrophenol
Concen: 41.09 ng
RT: 9.57 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion: 139 Resp: 34192
Ion Ratio Lower Upper
139 100
109 41.6 34.9 52.3
65 66.0 43.0 64.4#

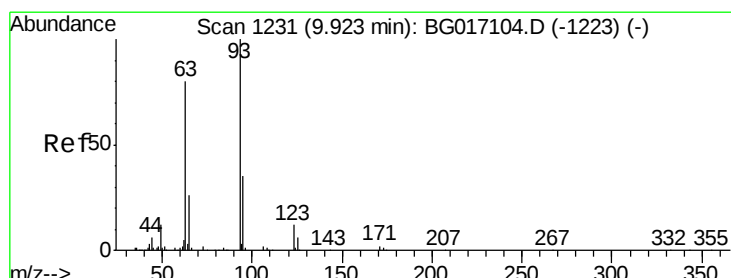
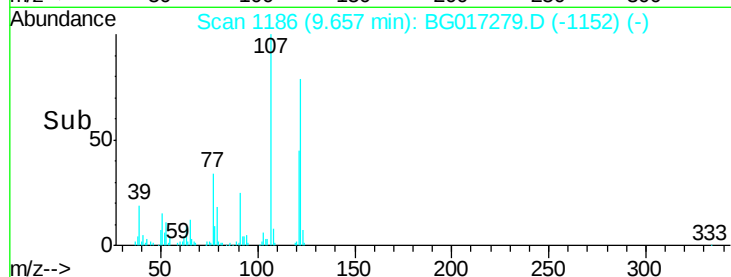
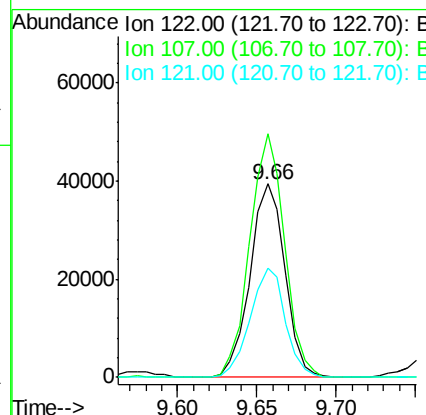
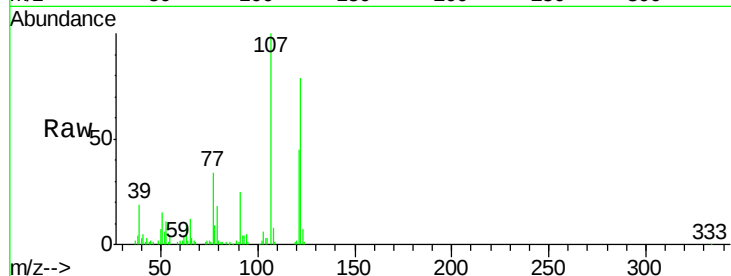




#27
 2,4-Dimethylphenol
 Concen: 43.87 ng
 RT: 9.66 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

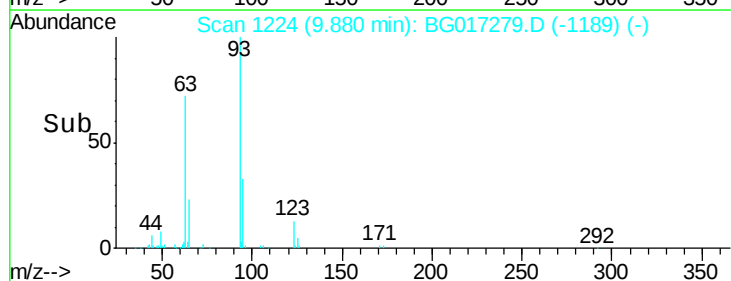
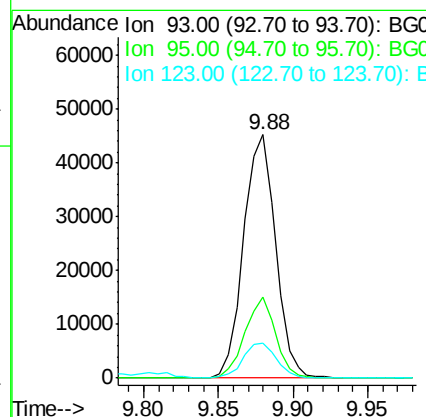
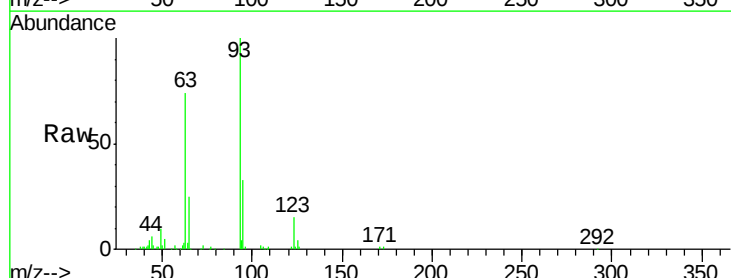
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

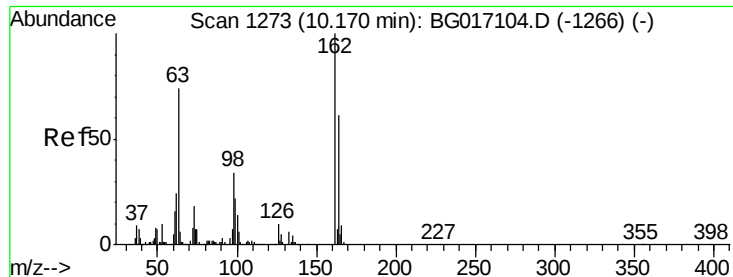
Tgt Ion:122 Resp: 60081
 Ion Ratio Lower Upper
 122 100
 107 125.9 102.3 153.5
 121 56.4 48.7 73.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.32 ng
 RT: 9.88 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion: 93 Resp: 67130
 Ion Ratio Lower Upper
 93 100
 95 33.0 28.0 42.0
 123 14.5 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 45.67 ng

RT: 10.13 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

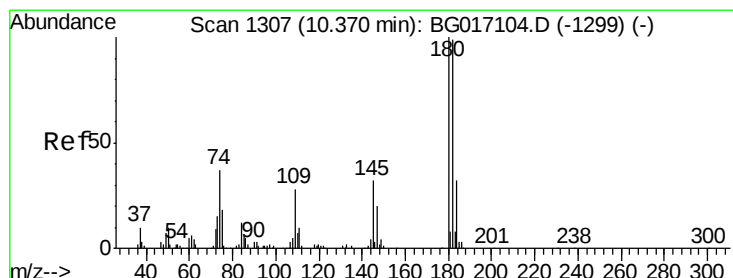
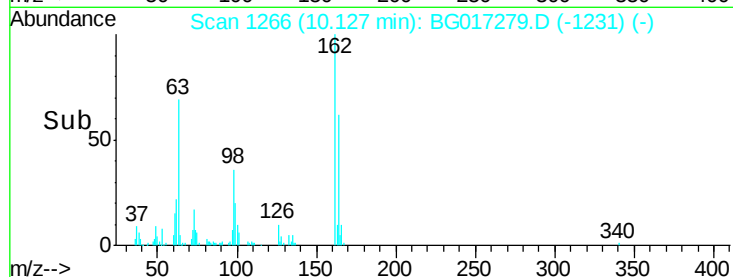
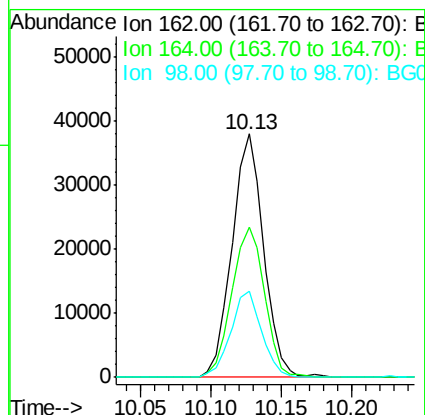
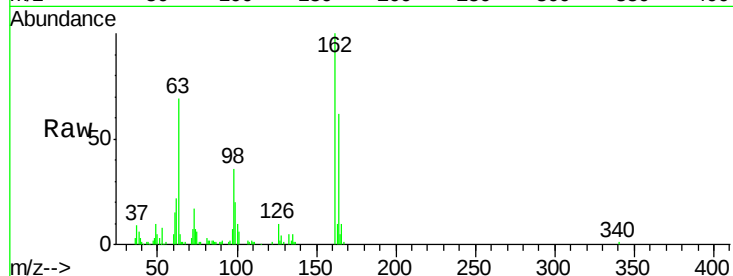
Instrument :

BNA_G

ClientSampleId :

PB83584BS

Tgt Ion:	162	Resp:	59005
Ion Ratio	Lower	Upper	
162	100		
164	61.6	41.4	81.4
98	35.6	14.3	54.3



#30

1,2,4-Trichlorobenzene

Concen: 39.89 ng

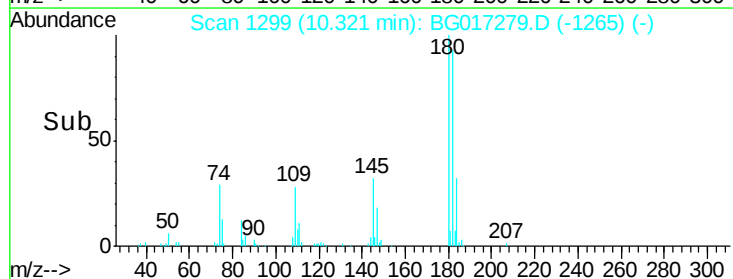
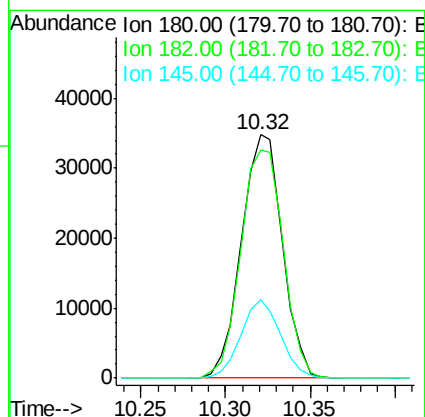
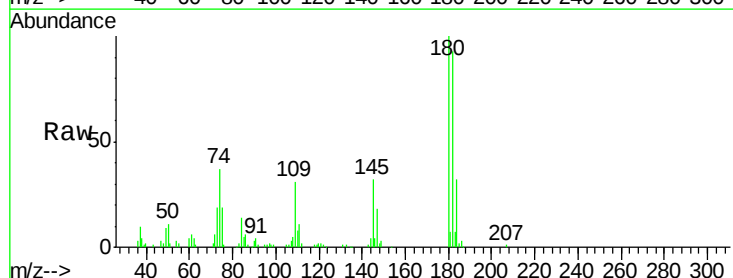
RT: 10.32 min Scan# 1299

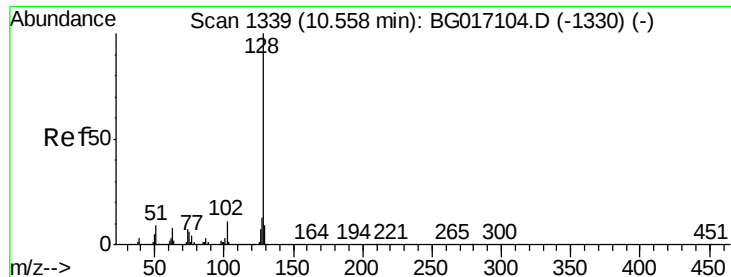
Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion:	180	Resp:	58457
Ion Ratio	Lower	Upper	
180	100		
182	93.5	79.4	119.0
145	32.0	25.3	37.9

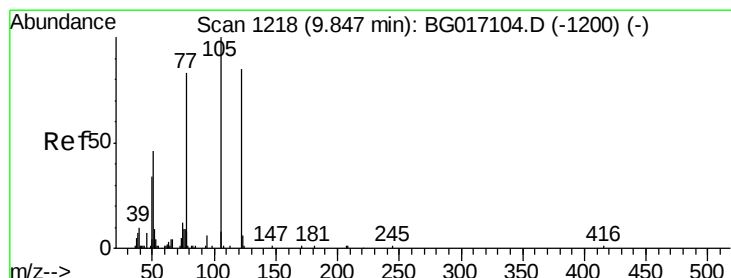
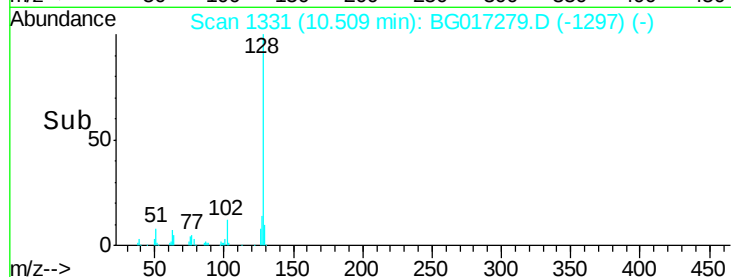
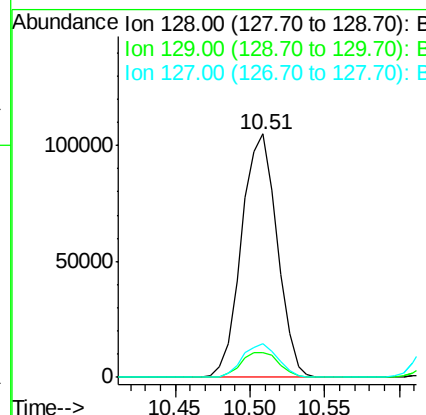
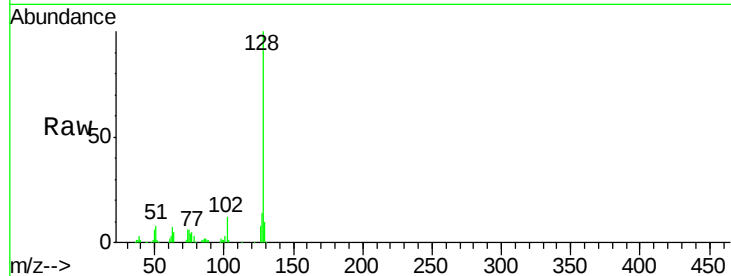




#31
Naphthalene
Concen: 39.84 ng
RT: 10.51 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

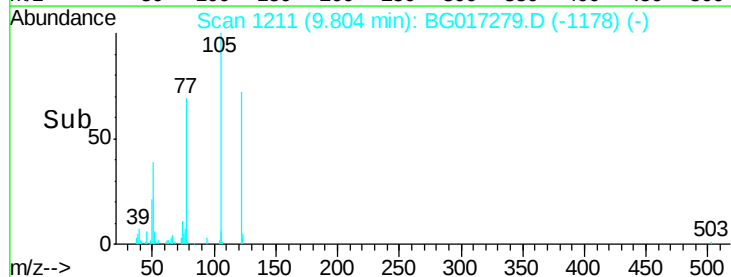
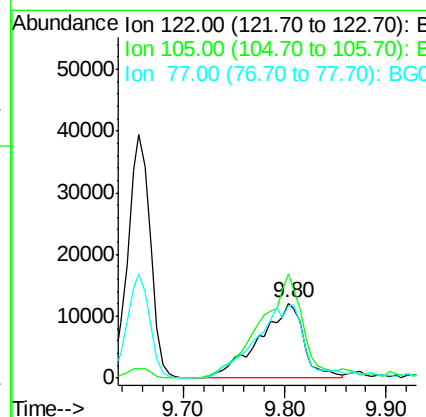
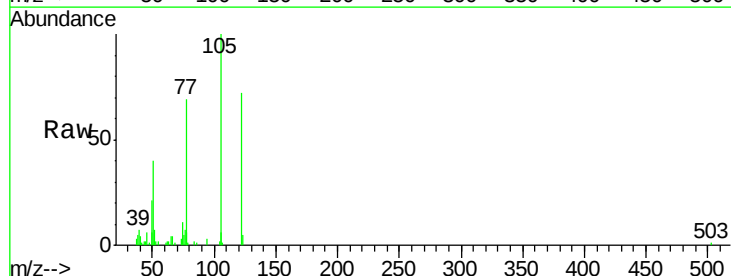
Instrument :
BNA_G
ClientSampleId :
PB83584BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	7.6	11.4
127	13.9	10.6	16.0



#32
Benzoic acid
Concen: 39.86 ng
RT: 9.80 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	139.0	96.7	136.7#
77	95.8	78.5	118.5

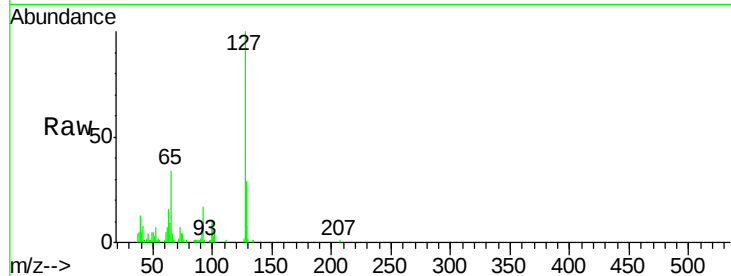




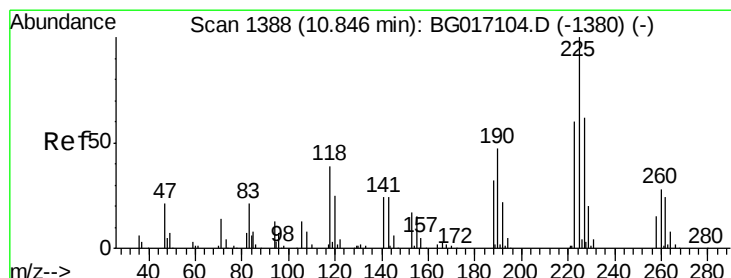
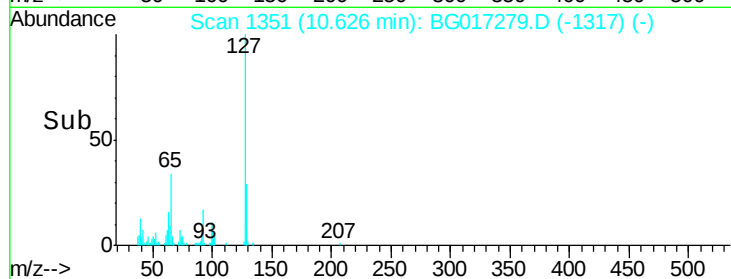
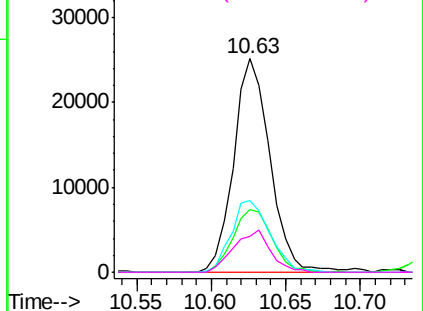
#33
4-Chloroaniline
Concen: 20.70 ng
RT: 10.63 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Instrument :
BNA_G
ClientSampleId :
PB83584BS

Tgt Ion:	127	Resp:	42560
Ion	Ratio	Lower	Upper
127	100		
129	29.1	24.8	37.2
65	33.6	25.8	38.6
92	17.1	15.0	22.4

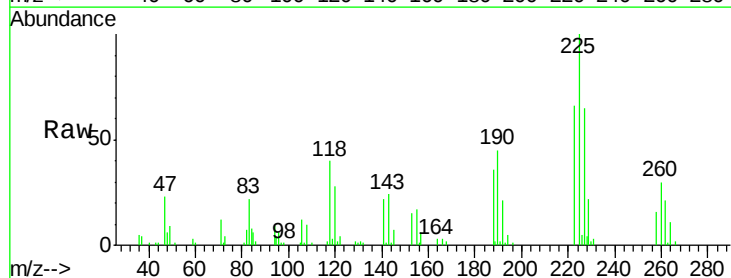


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

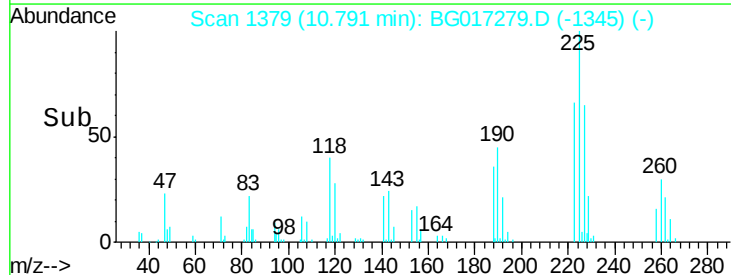
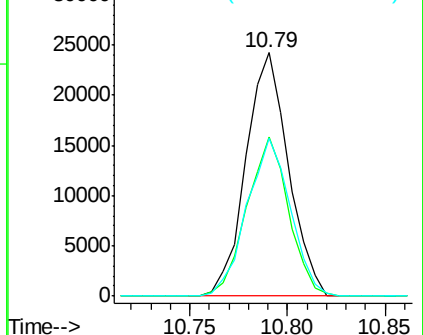


#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 10.79 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion:	225	Resp:	36533
Ion	Ratio	Lower	Upper
225	100		
223	65.5	48.3	72.5
227	64.8	49.8	74.8



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

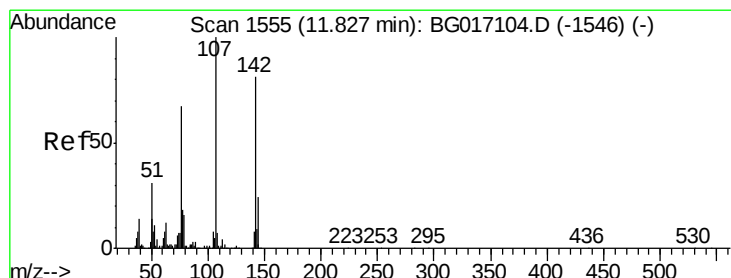
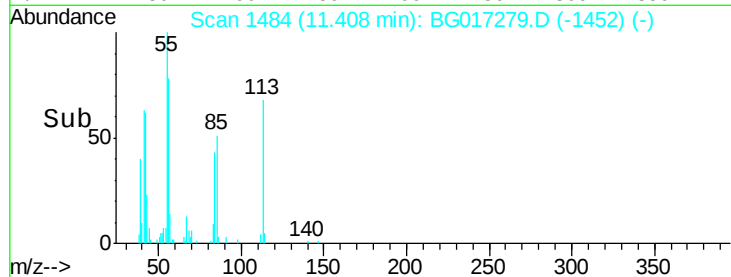
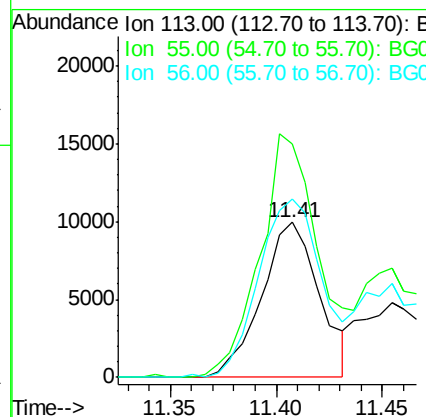
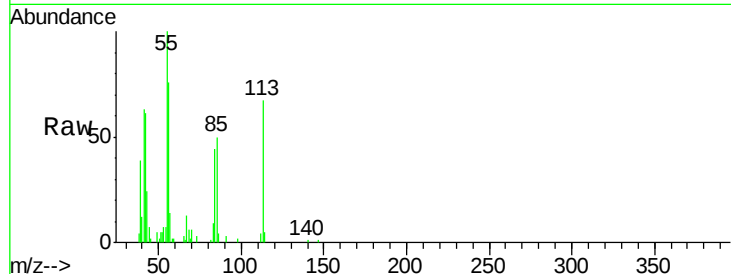




#35
 Caprolactam
 Concen: 29.12 ng
 RT: 11.41 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

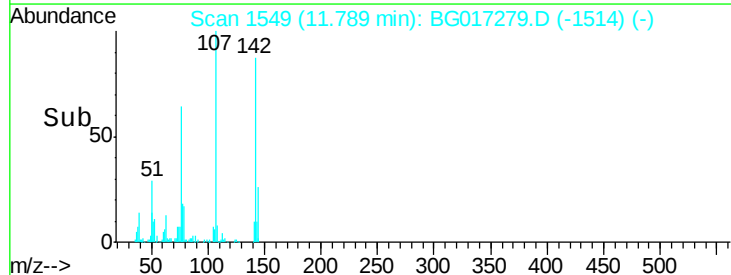
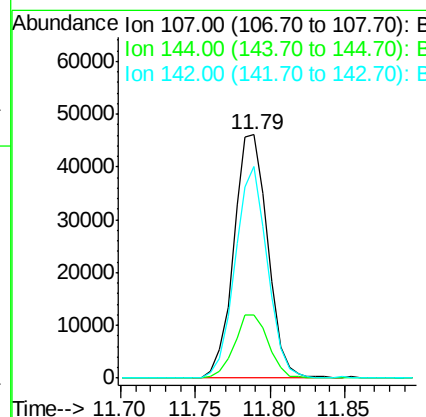
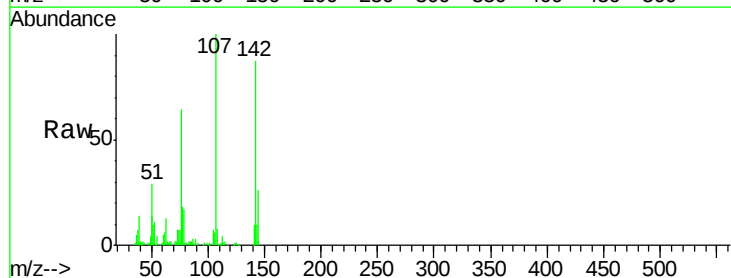
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

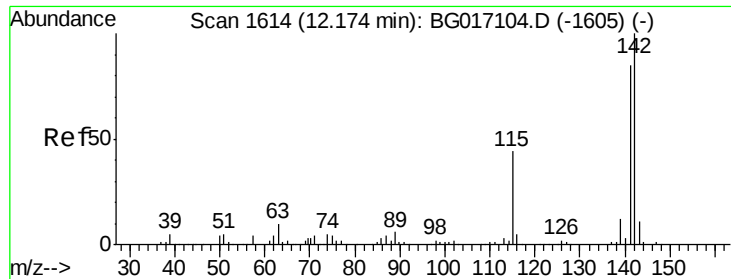
Tgt Ion:113 Resp: 18913
 Ion Ratio Lower Upper
 113 100
 55 150.3 124.1 164.1
 56 114.9 100.3 140.3



#36
 4-Chloro-3-methylphenol
 Concen: 44.82 ng
 RT: 11.79 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion:107 Resp: 73168
 Ion Ratio Lower Upper
 107 100
 144 26.2 19.6 29.4
 142 87.0 64.9 97.3

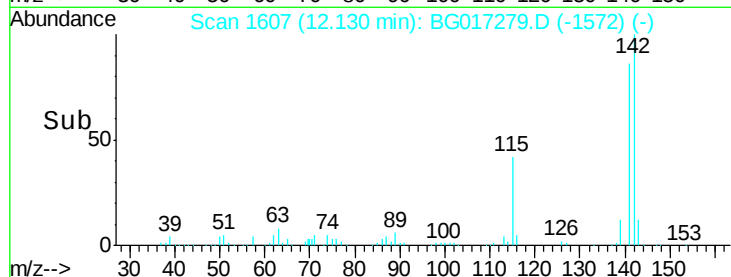
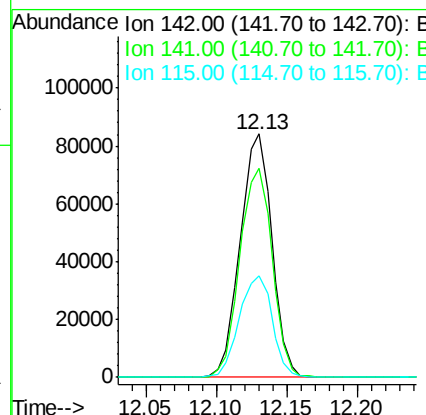
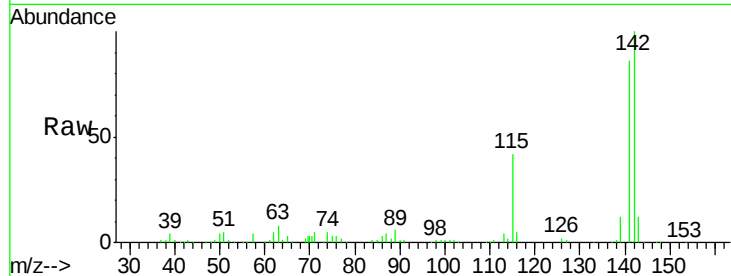




#37
2-Methylnaphthalene
Concen: 38.38 ng
RT: 12.13 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

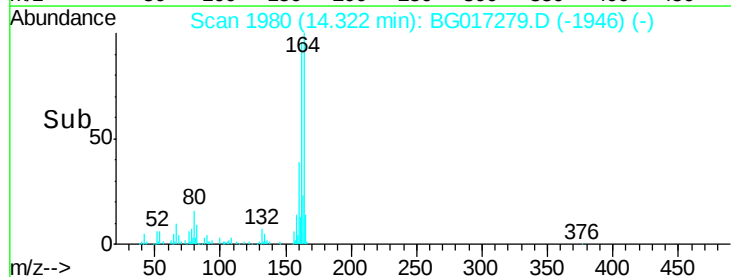
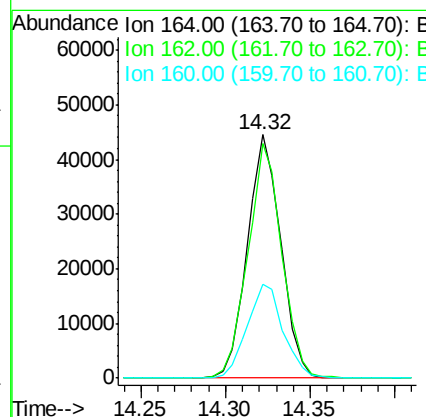
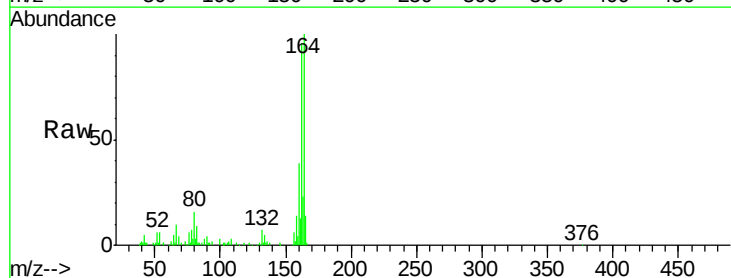
Instrument :
BNA_G
ClientSampled :
PB83584BS

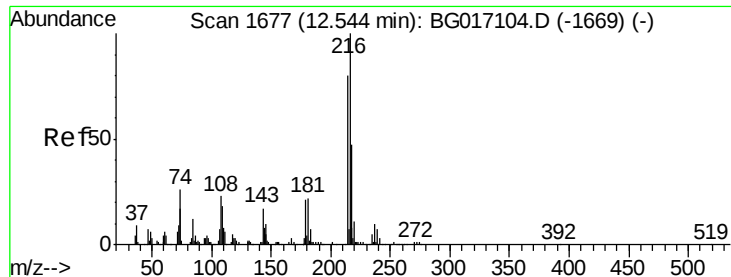
Tgt Ion:142 Resp: 132283
Ion Ratio Lower Upper
142 100
141 86.1 68.2 102.2
115 41.6 35.6 53.4



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.32 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion:164 Resp: 61360
Ion Ratio Lower Upper
164 100
162 96.3 82.1 123.1
160 38.5 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.00 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

Tgt Ion:216 Resp: 67697

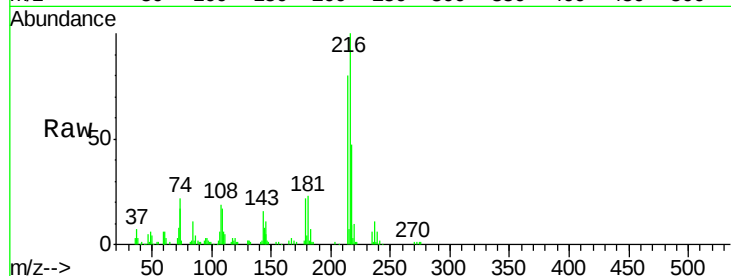
Ion Ratio Lower Upper

216 100

214 79.3 63.3 94.9

179 21.8 17.8 26.8

108 25.3 19.9 29.9

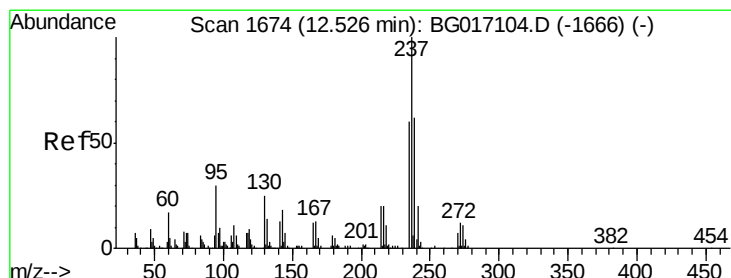
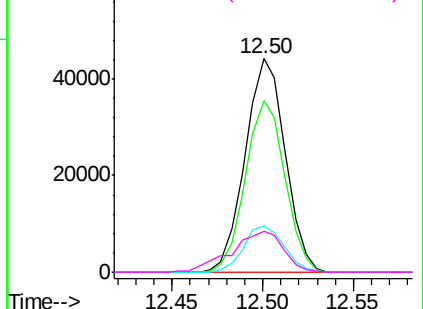
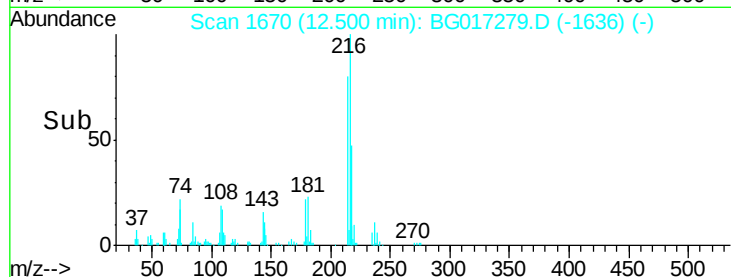


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.80 ng

RT: 12.48 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

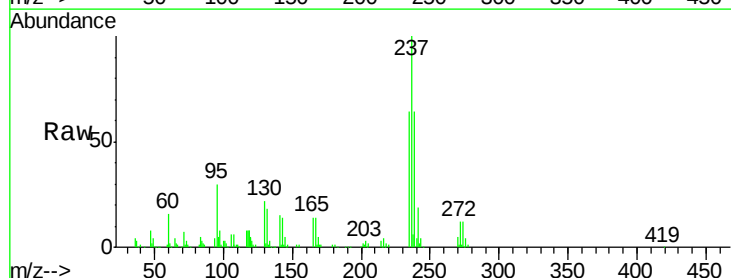
Tgt Ion:237 Resp: 83444

Ion Ratio Lower Upper

237 100

235 63.9 39.7 79.7

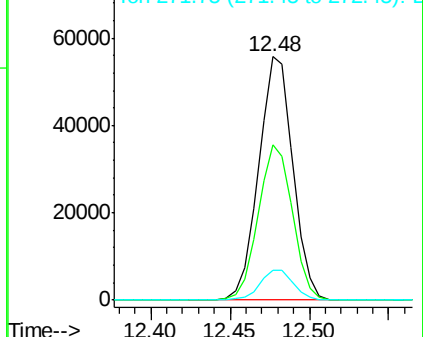
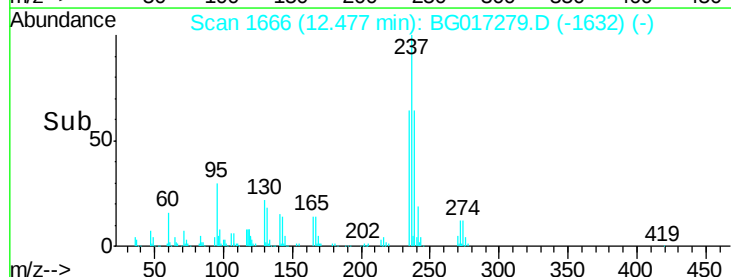
272 12.5 0.0 32.1



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

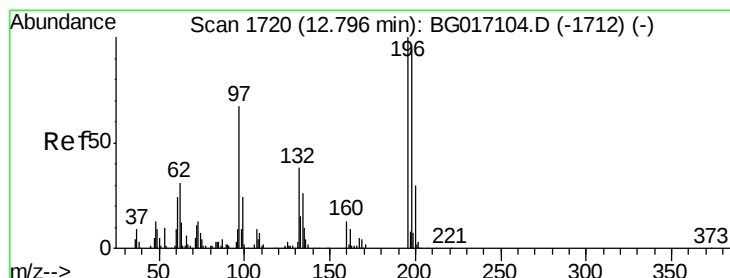
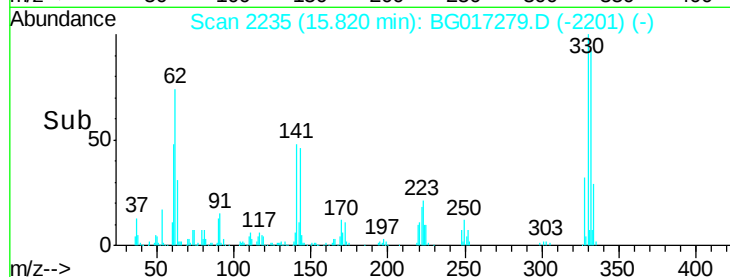
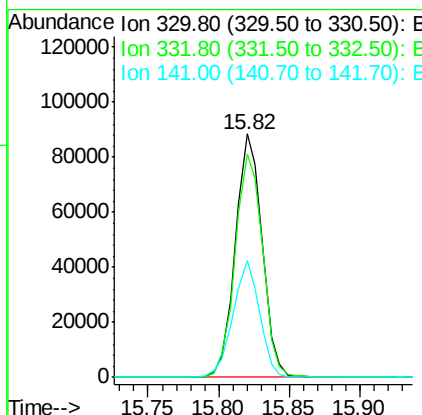
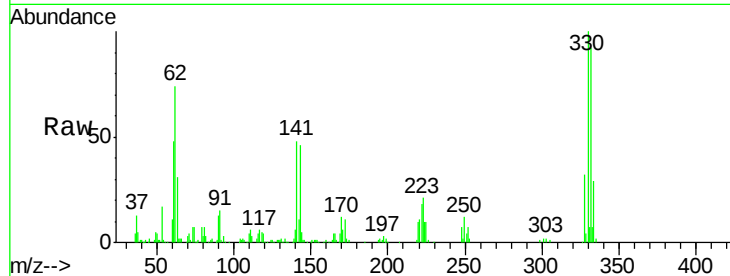




#41
 2,4,6-Tribromophenol
 Concen: 157.26 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

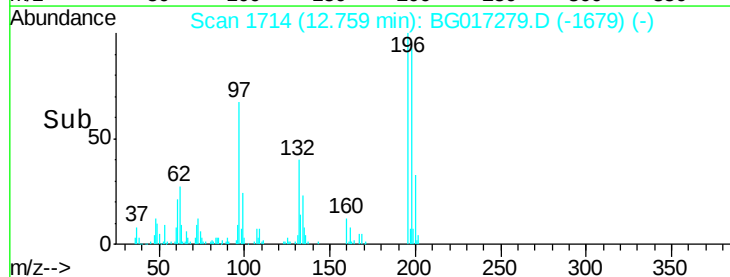
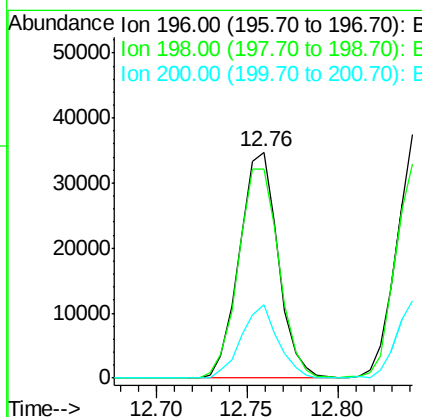
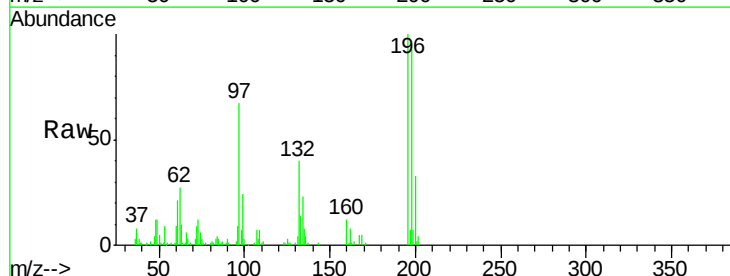
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Tgt Ion: 330 Resp: 116647
 Ion Ratio Lower Upper
 330 100
 332 94.3 76.9 115.3
 141 47.4 42.2 63.2



#42
 2,4,6-Trichlorophenol
 Concen: 41.88 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion: 196 Resp: 51575
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.9 112.3
 200 32.6 24.2 36.2

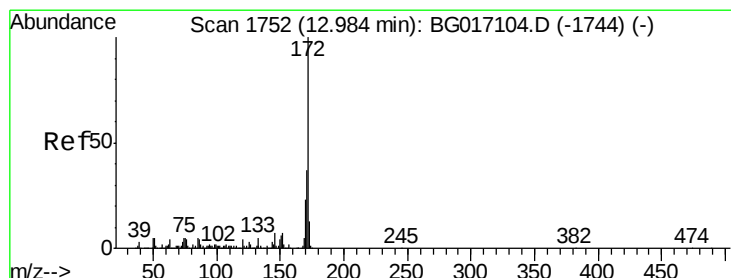
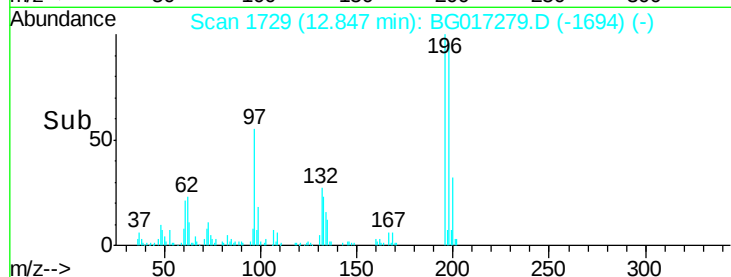
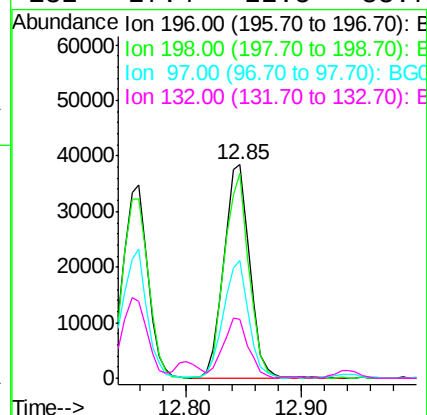
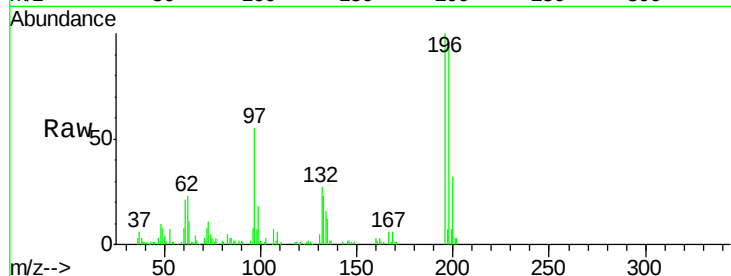




#43
 2,4,5-Trichlorophenol
 Concen: 47.06 ng
 RT: 12.85 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

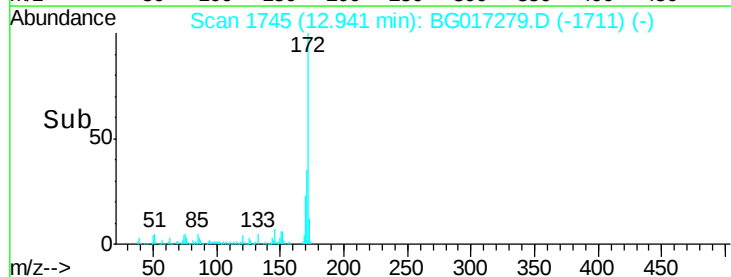
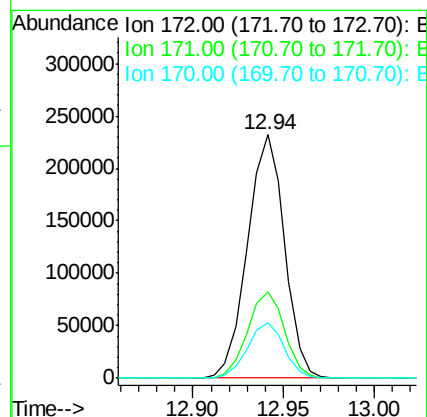
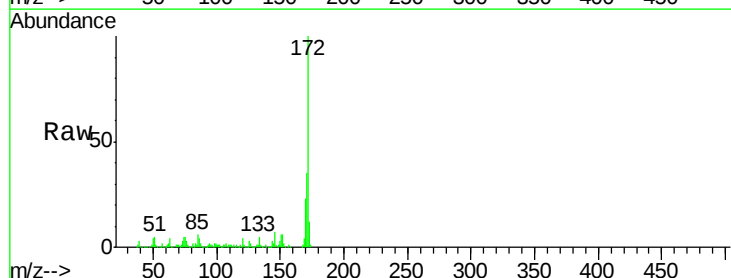
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	71.4	107.0
97	55.4	45.4	68.0
132	27.4	22.5	33.7



#44
 2-Fluorobiphenyl
 Concen: 78.36 ng
 RT: 12.94 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	22.6	18.4	27.6

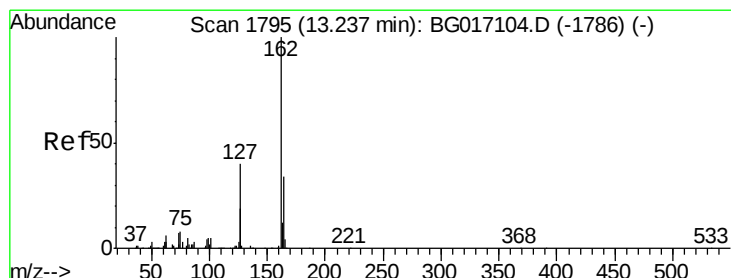
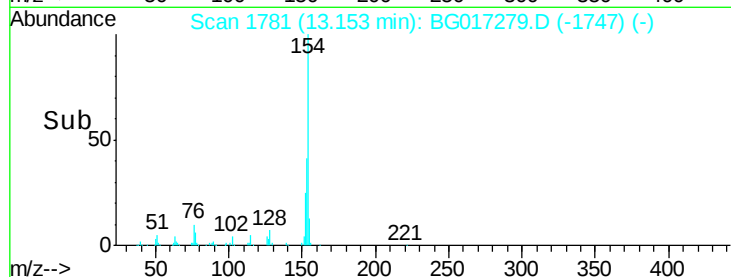
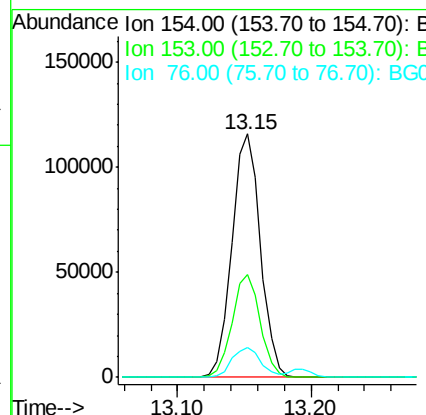
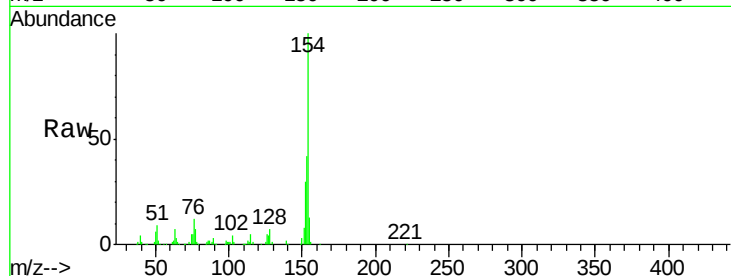




#45
 1,1'-Biphenyl
 Concen: 38.98 ng
 RT: 13.15 min Scan# 1781
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

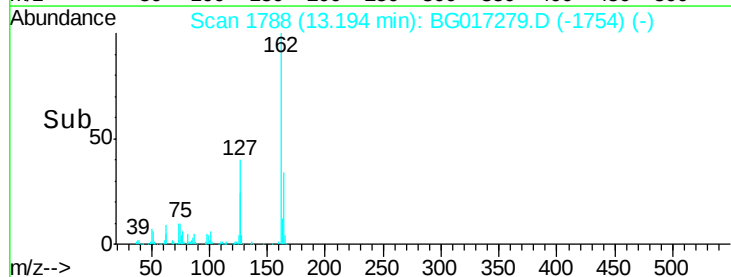
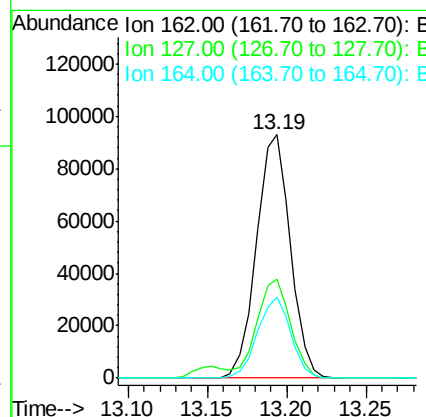
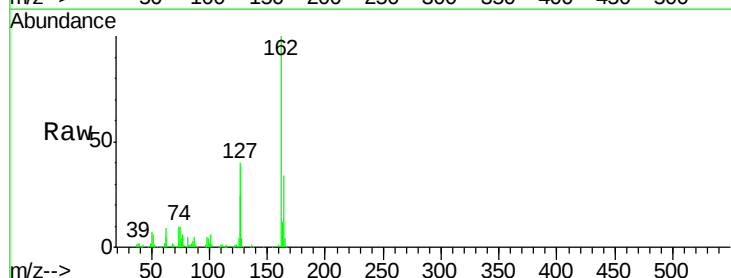
Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	21.5	61.5
76	12.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.48 ng
 RT: 13.19 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.4	33.5	50.3
164	33.6	27.0	40.6

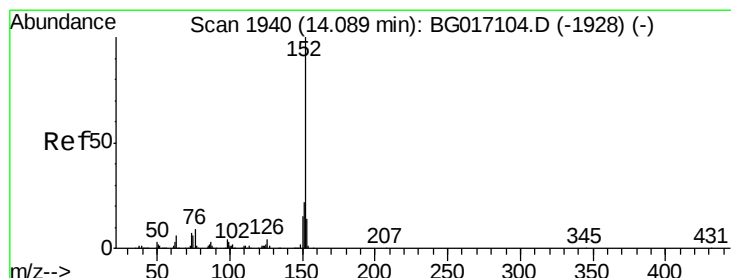
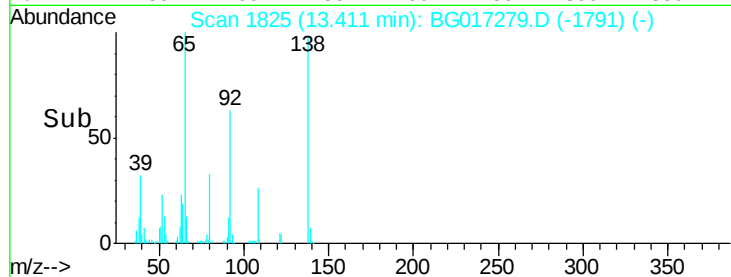
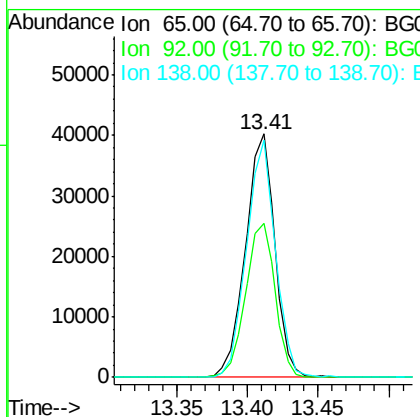
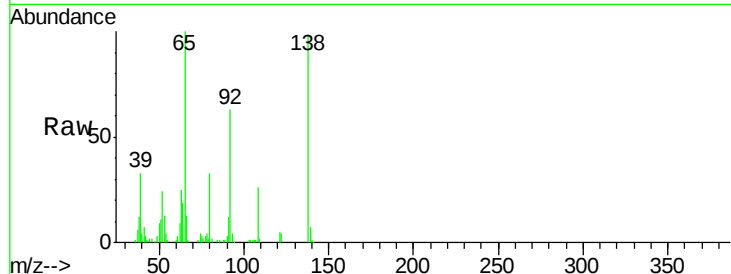




#47
2-Nitroaniline
Concen: 43.26 ng
RT: 13.41 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

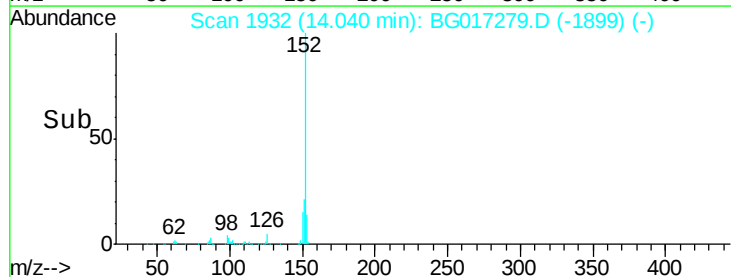
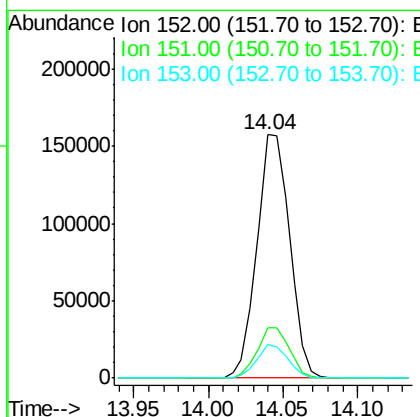
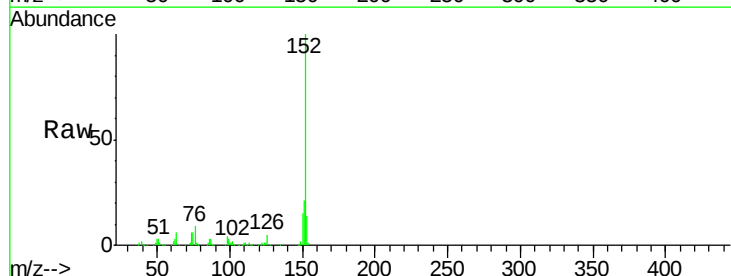
Instrument :
BNA_G
ClientSampleId :
PB83584BS

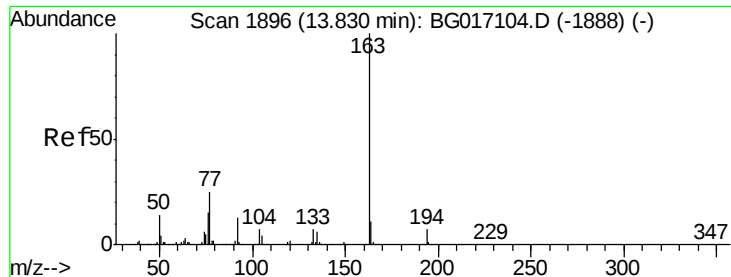
Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.4	51.0	76.4
138	97.7	79.3	118.9



#48
Acenaphthylene
Concen: 39.83 ng
RT: 14.04 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.2	25.8
153	13.6	10.8	16.2





#49

Dimethylphthalate

Concen: 41.74 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

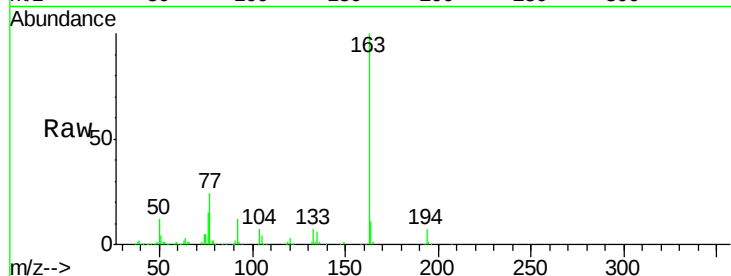
Tgt Ion:163 Resp: 200247

Ion Ratio Lower Upper

163 100

194 6.7 5.6 8.4

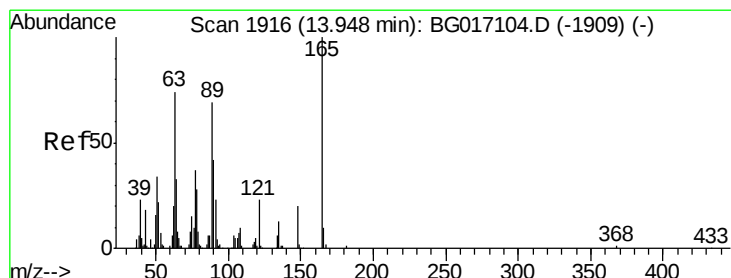
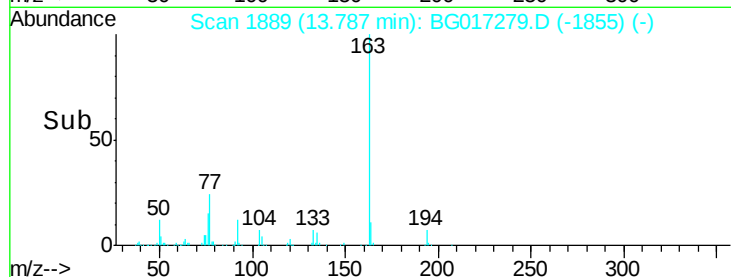
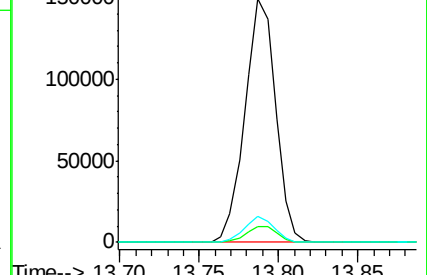
164 10.6 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.22 ng

RT: 13.91 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

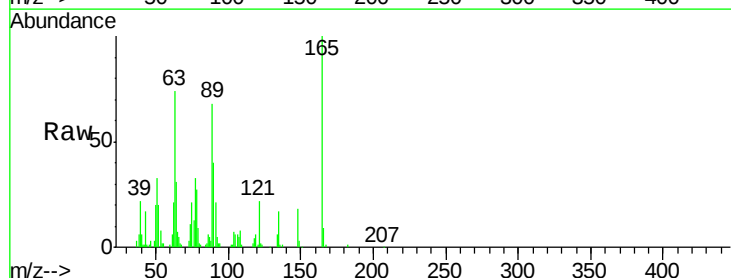
Tgt Ion:165 Resp: 47010

Ion Ratio Lower Upper

165 100

63 74.4 60.6 90.8

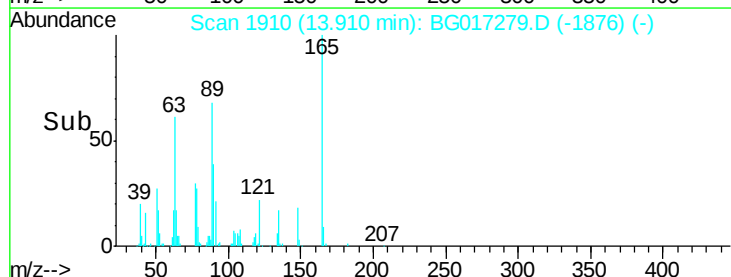
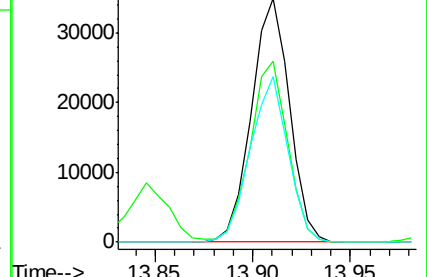
89 67.8 55.0 82.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.93 ng

RT: 14.39 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

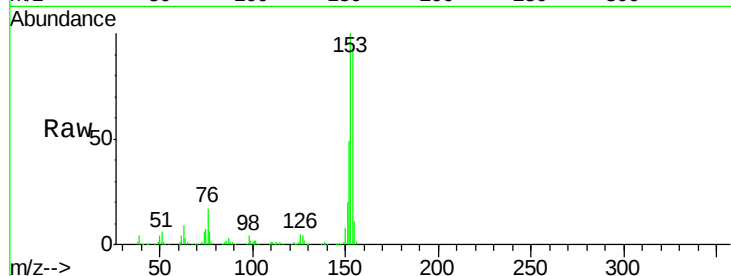
Tgt Ion:154 Resp: 137797

Ion Ratio Lower Upper

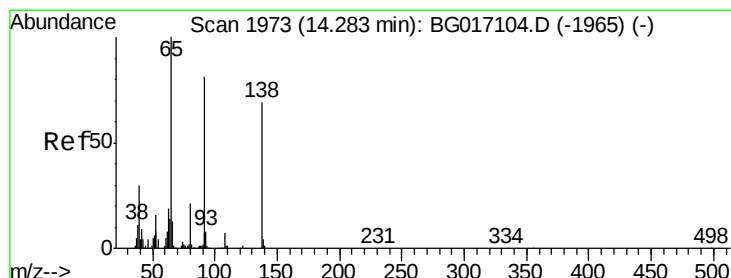
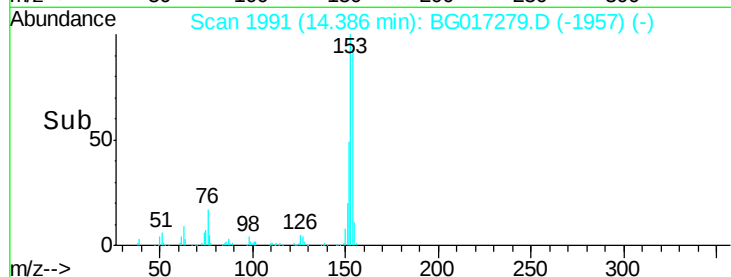
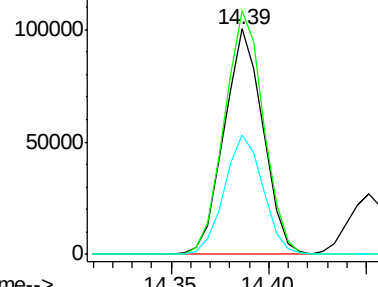
154 100

153 107.9 86.2 129.4

152 53.1 41.5 62.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.09 ng

RT: 14.24 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

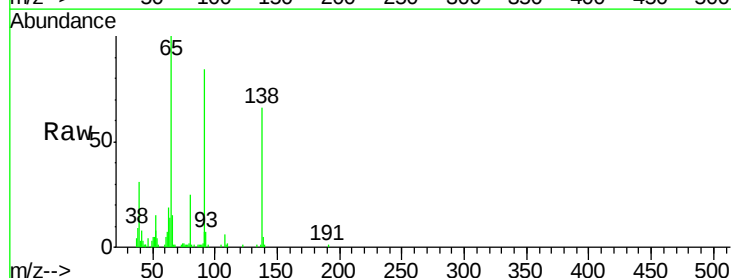
Tgt Ion:138 Resp: 36668

Ion Ratio Lower Upper

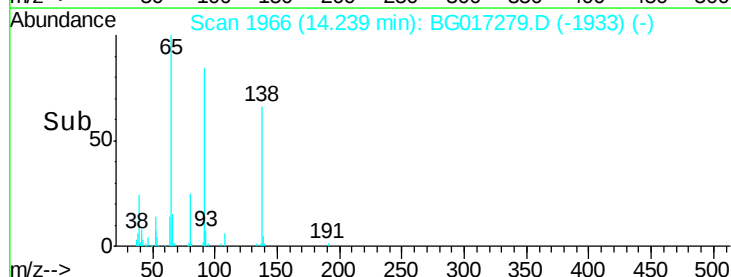
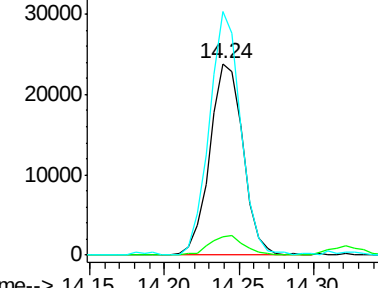
138 100

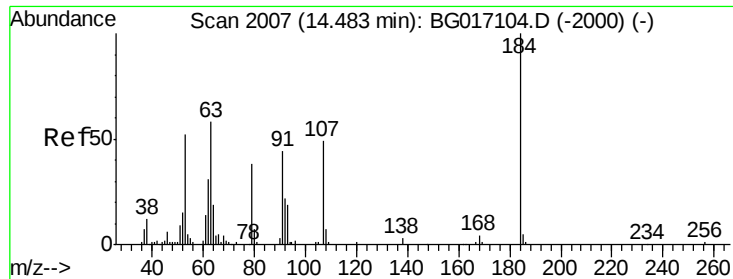
108 9.8 7.6 11.4

92 127.2 93.6 140.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 95.12 ng

RT: 14.45 min Scan# 2002

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

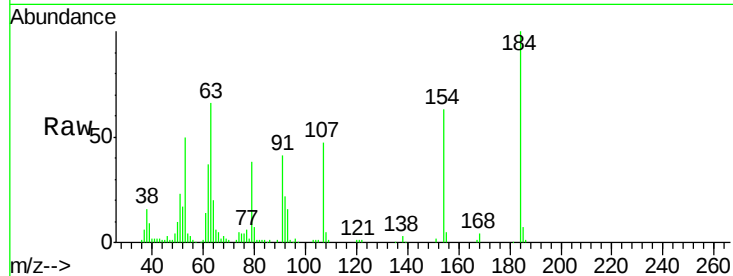
Tgt Ion:184 Resp: 58717

Ion Ratio Lower Upper

184 100

63 65.9 63.6 95.4

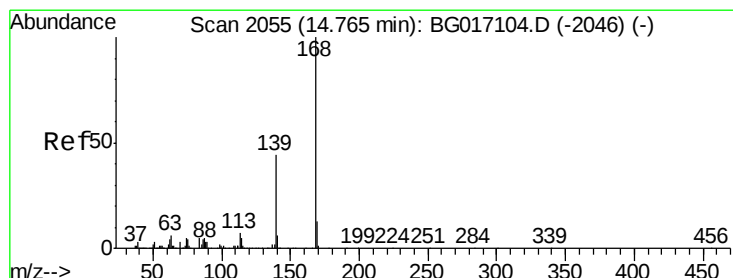
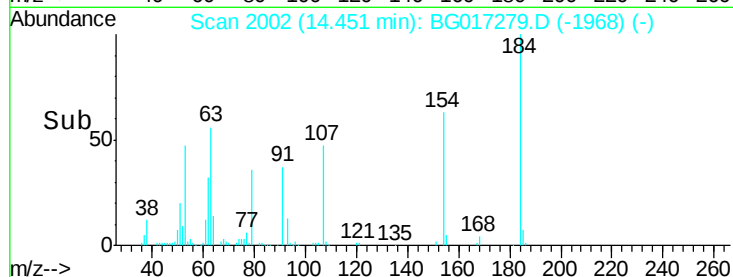
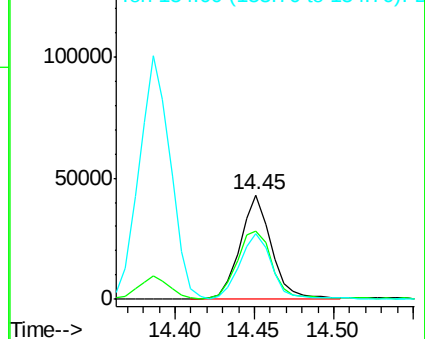
154 62.7 47.8 71.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 42.33 ng

RT: 14.72 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

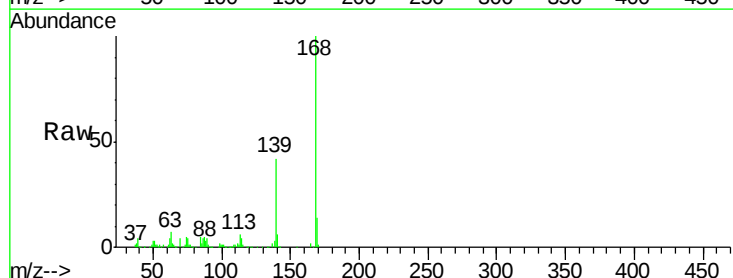
Tgt Ion:168 Resp: 222788

Ion Ratio Lower Upper

168 100

139 42.4 34.9 52.3

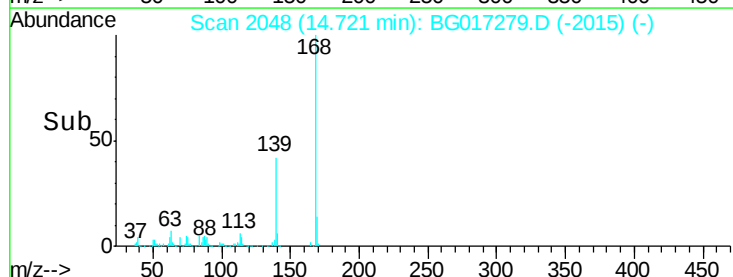
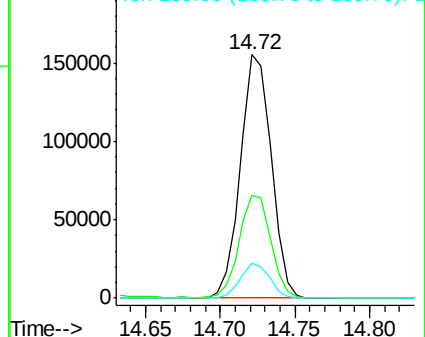
169 14.2 10.5 15.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 100.39 ng

RT: 14.60 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

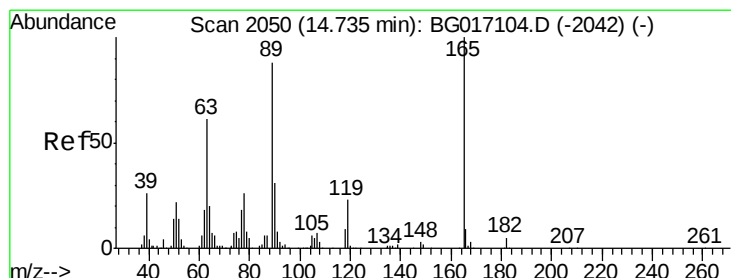
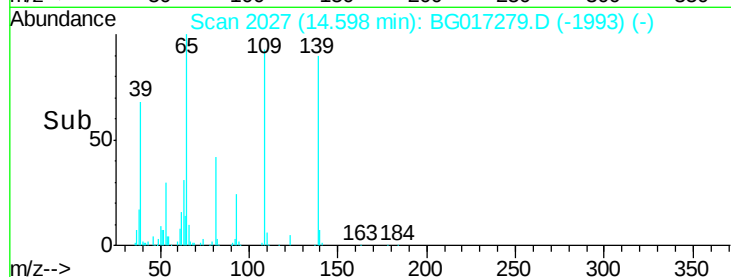
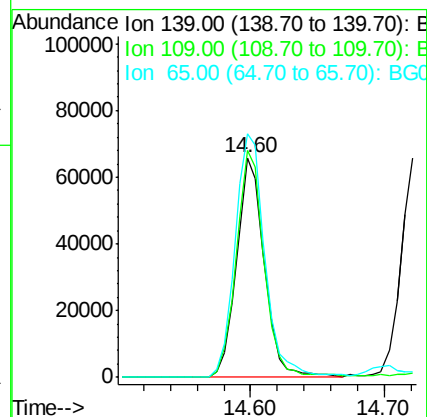
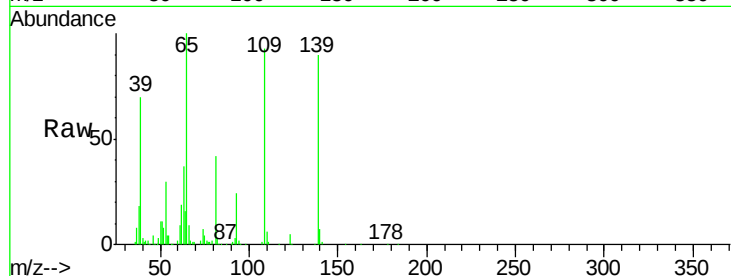
Tgt Ion:139 Resp: 95351

Ion Ratio Lower Upper

139 100

109 103.0 90.5 130.5

65 110.8 99.9 139.9



#56

2,4-Dinitrotoluene

Concen: 49.23 ng

RT: 14.70 min Scan# 2044

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion:165 Resp: 73003

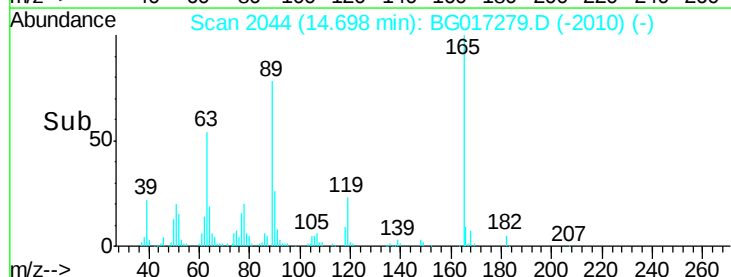
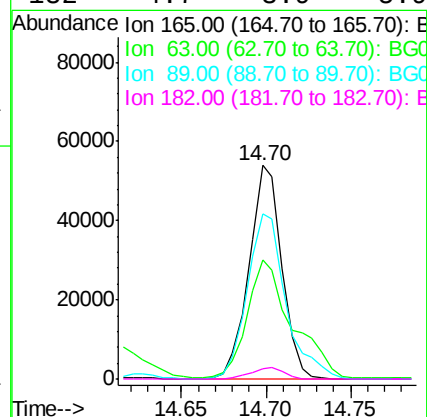
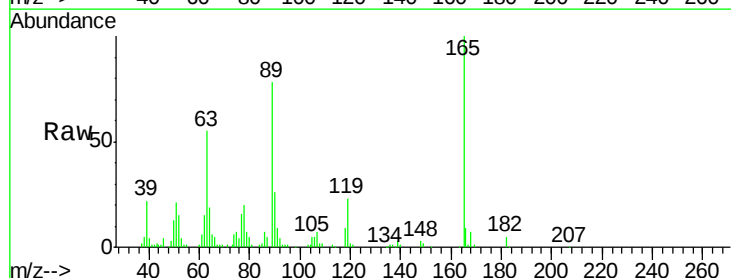
Ion Ratio Lower Upper

165 100

63 55.5 49.0 73.4

89 77.6 70.1 105.1

182 4.7 3.9 5.9





#57

Fluorene

Concen: 42.78 ng

RT: 15.37 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

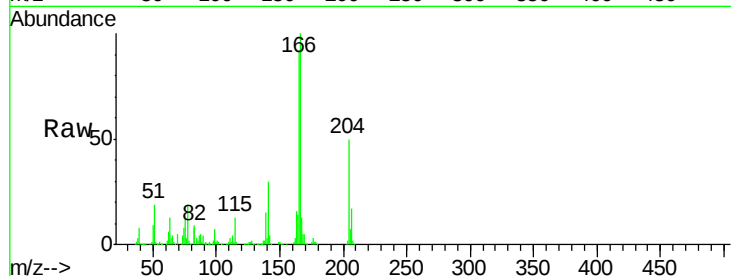
Tgt Ion:166 Resp: 199258

Ion Ratio Lower Upper

166 100

165 91.3 74.2 111.4

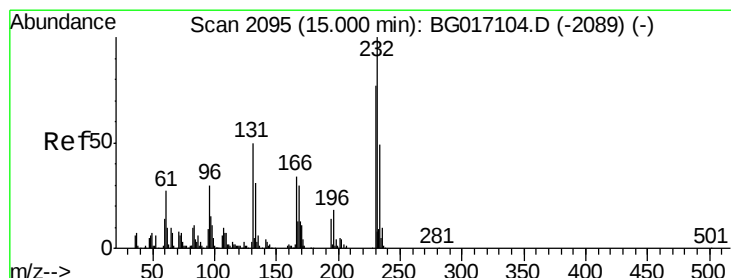
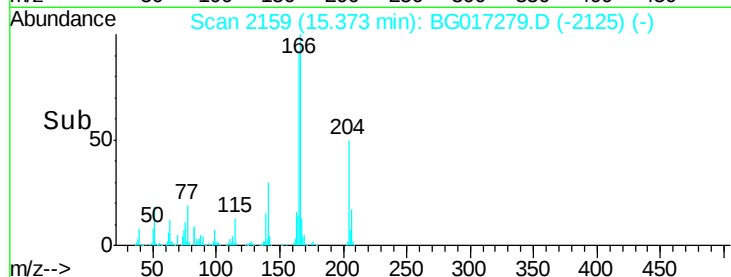
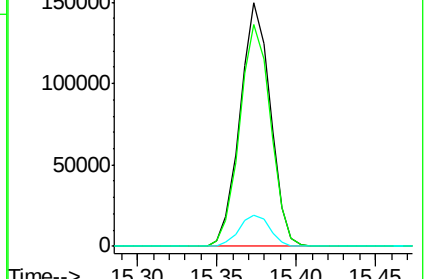
167 13.0 9.8 14.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.76 ng

RT: 14.96 min Scan# 2089

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion:232 Resp: 55620

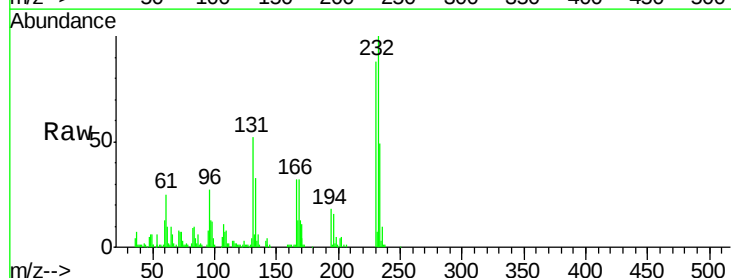
Ion Ratio Lower Upper

232 100

131 52.6 42.7 64.1

130 3.6 3.0 4.4

166 33.5 25.7 38.5

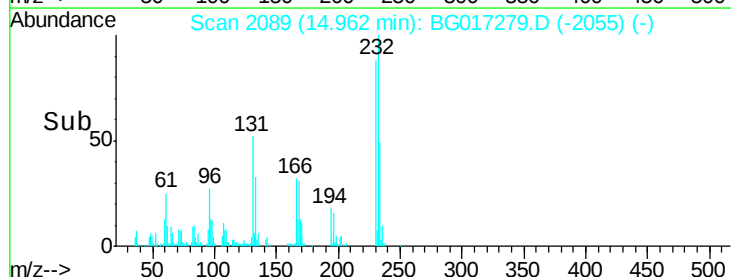
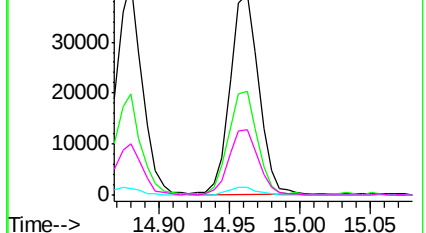


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

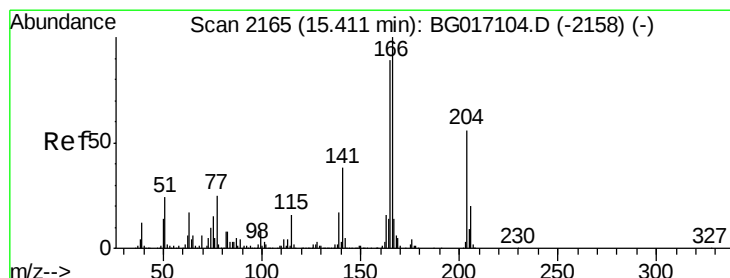
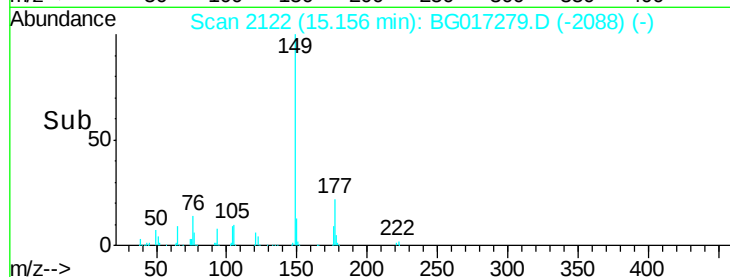
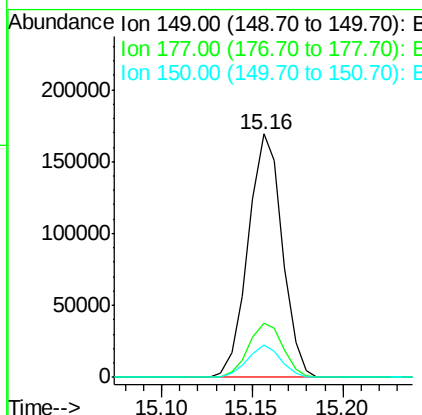
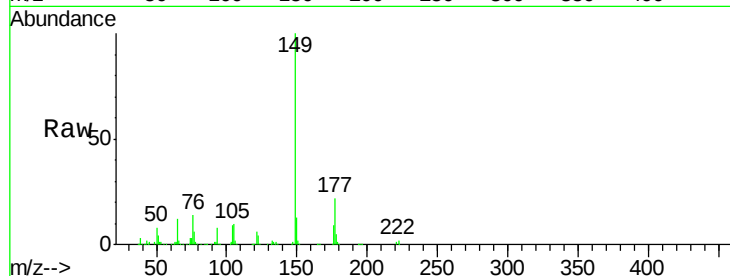




#59
Diethylphthalate
Concen: 42.85 ng
RT: 15.16 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

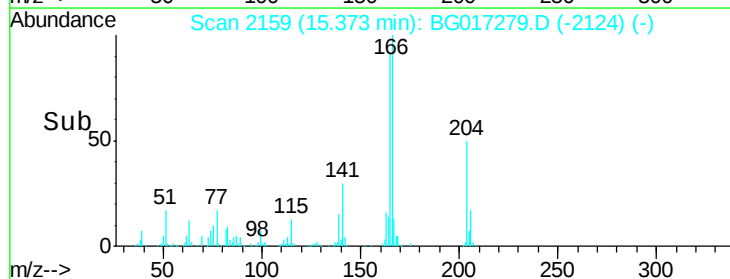
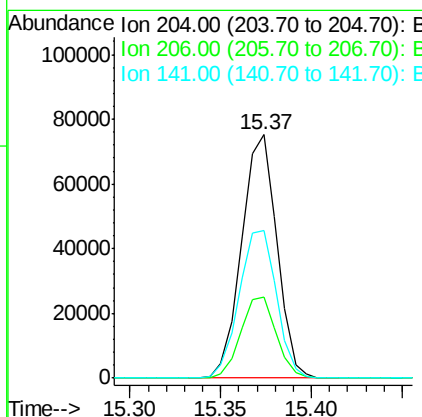
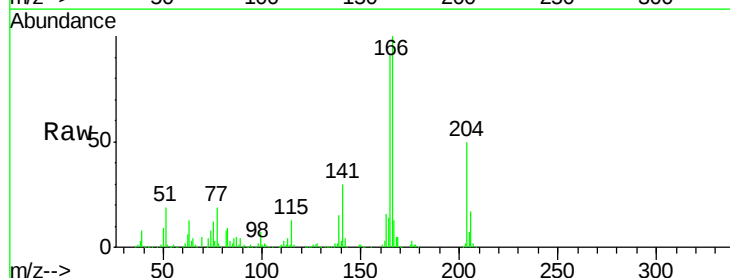
Instrument :
BNA_G
ClientSampleId :
PB83584BS

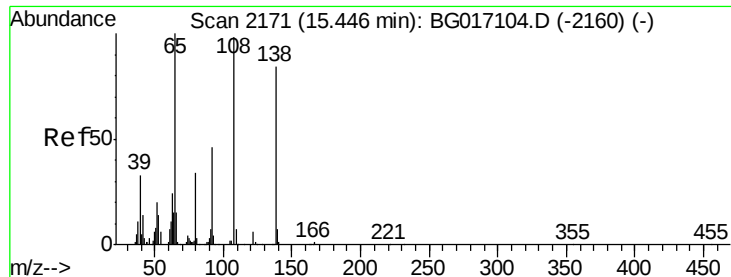
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	13.2	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 42.45 ng
RT: 15.37 min Scan# 2159
Delta R.T. 0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	28.6	42.8
141	60.6	54.2	81.2





#61

4-Nitroaniline

Concen: 47.62 ng

RT: 15.41 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

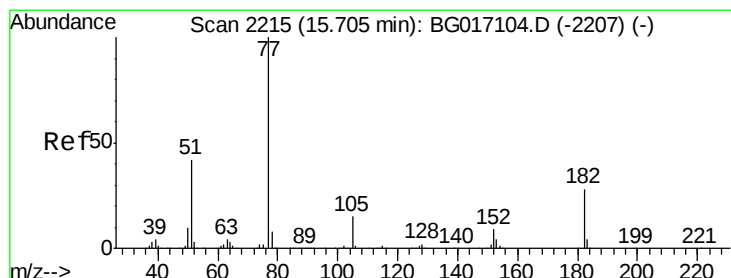
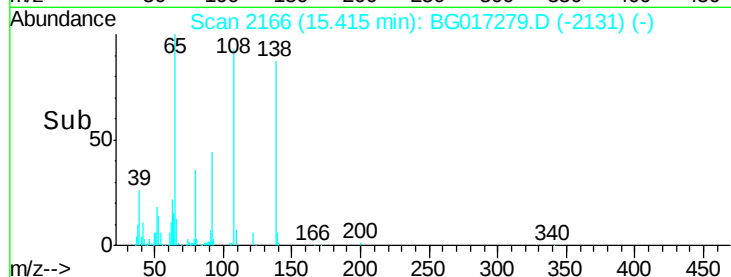
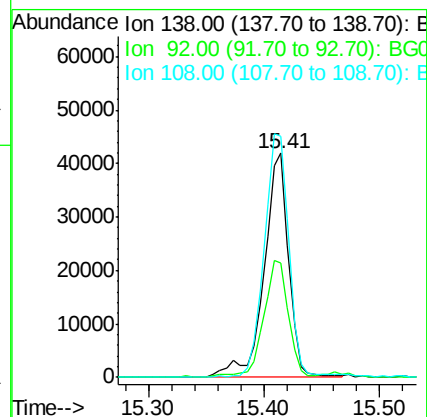
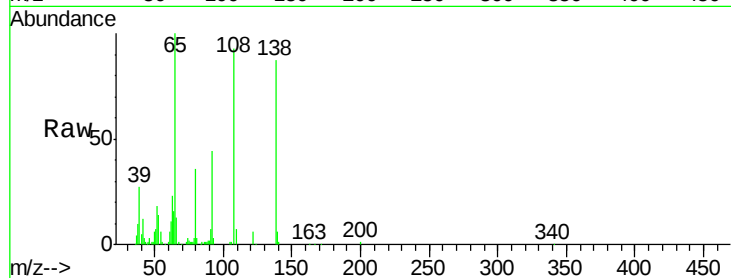
Tgt Ion:138 Resp: 62665

Ion Ratio Lower Upper

138 100

92 51.0 34.9 74.9

108 107.4 95.8 135.8



#62

Azobenzene

Concen: 43.81 ng

RT: 15.66 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion: 77 Resp: 215719

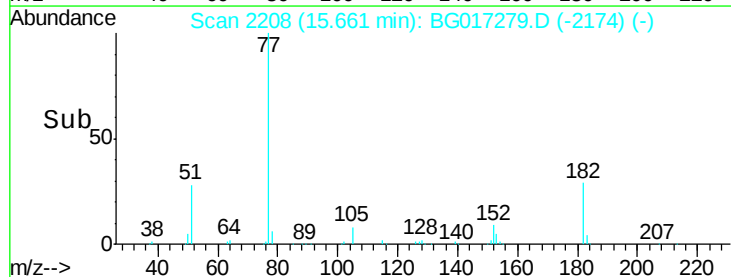
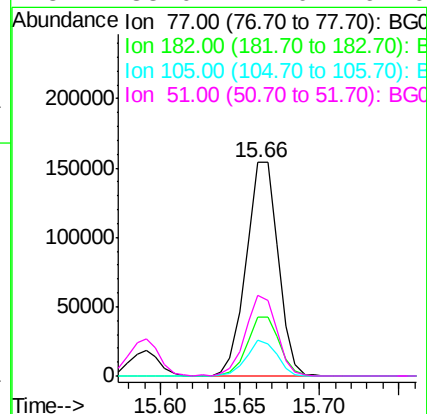
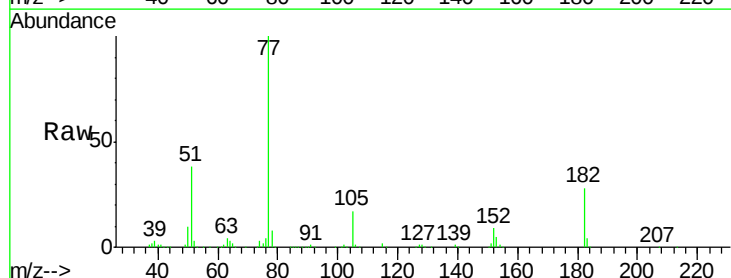
Ion Ratio Lower Upper

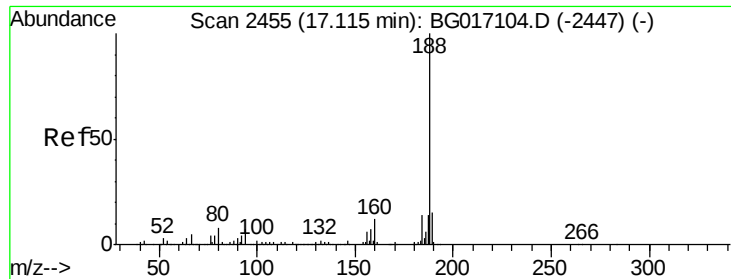
77 100

182 27.6 8.1 48.1

105 16.9 0.0 34.8

51 38.0 22.0 62.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

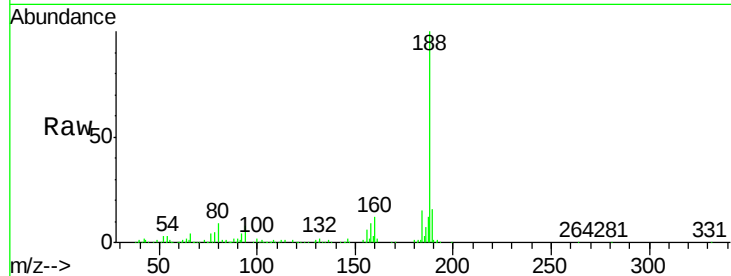
Tgt Ion:188 Resp: 164157

Ion Ratio Lower Upper

188 100

94 8.4 5.8 8.6

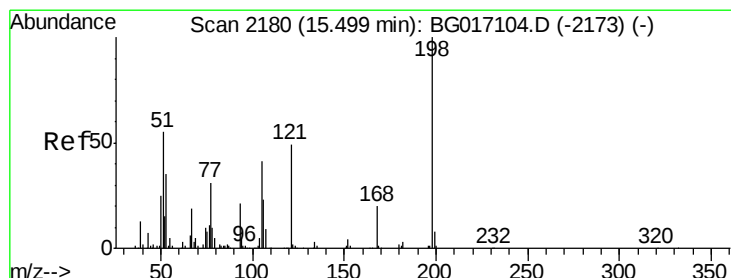
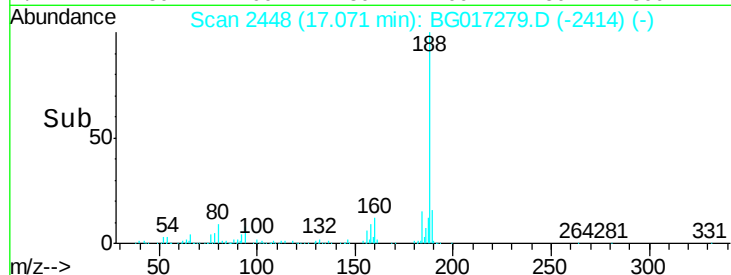
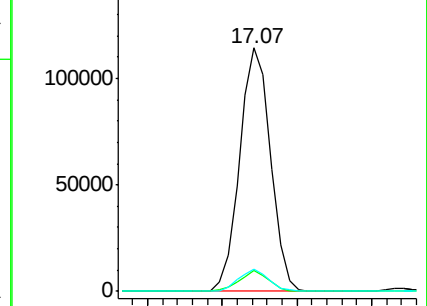
80 9.1 6.5 9.7



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 40.00 ng

RT: 15.46 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

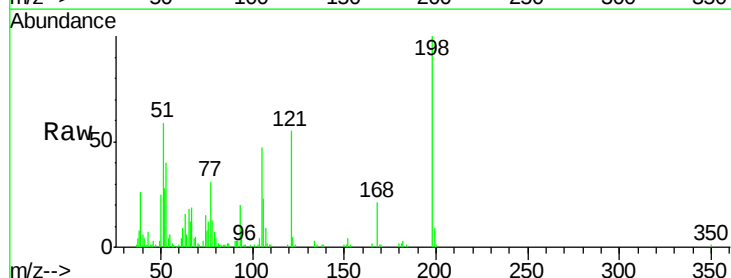
Tgt Ion:198 Resp: 45007

Ion Ratio Lower Upper

198 100

51 59.0 39.9 79.9

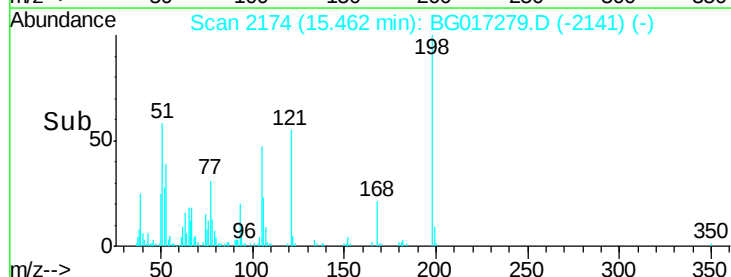
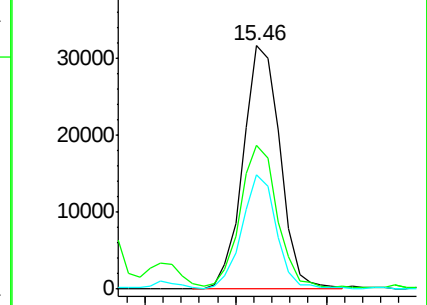
105 46.9 22.0 62.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.10 ng

RT: 15.59 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

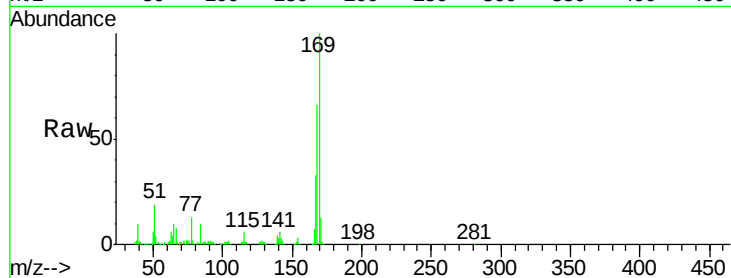
Tgt Ion:169 Resp: 181926

Ion Ratio Lower Upper

169 100

168 65.9 51.7 77.5

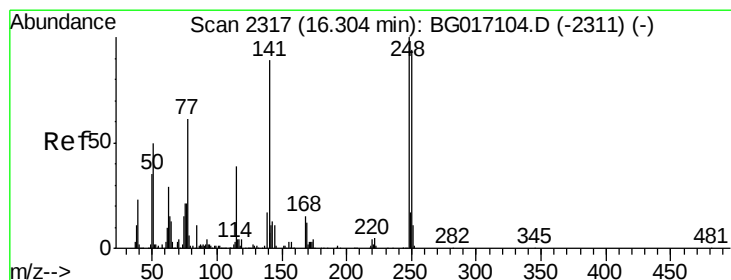
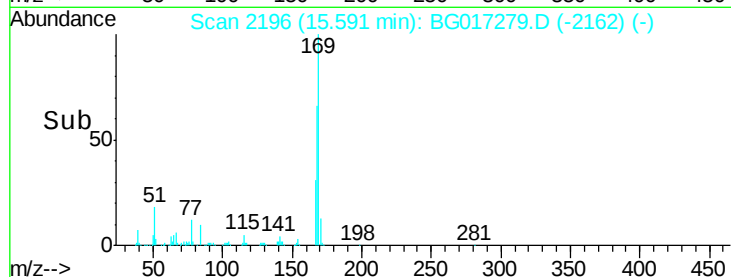
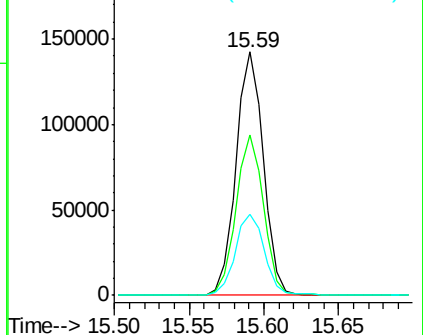
167 33.1 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.65 ng

RT: 16.27 min Scan# 2311

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

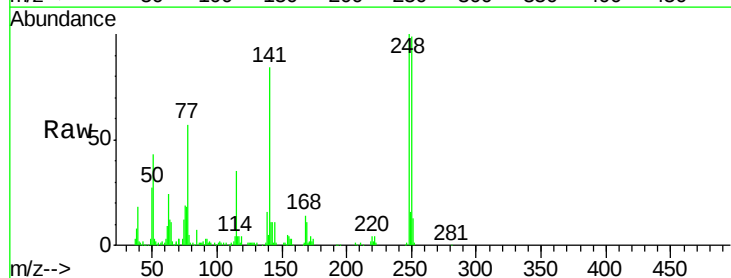
Tgt Ion:248 Resp: 65610

Ion Ratio Lower Upper

248 100

250 99.5 75.0 112.4

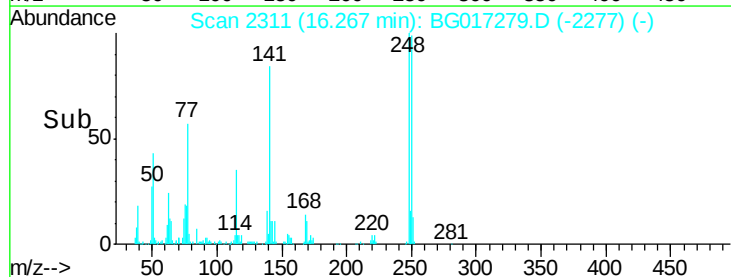
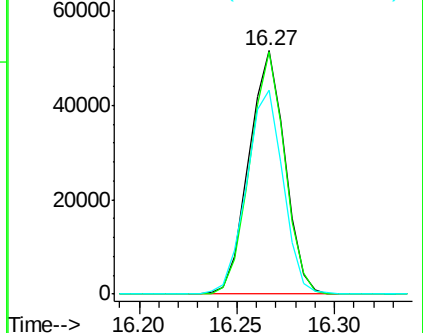
141 84.0 71.3 106.9

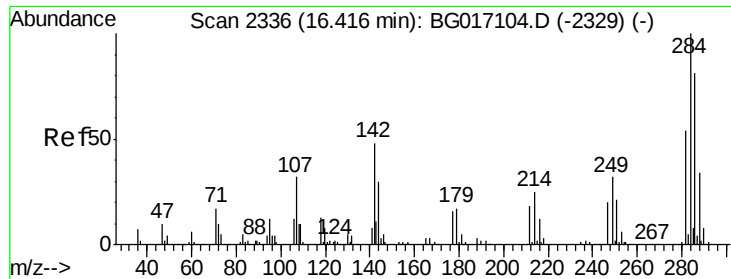


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

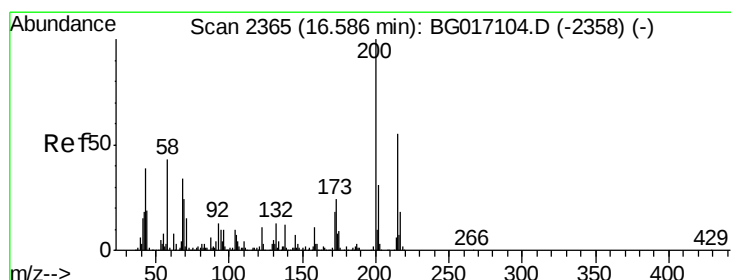
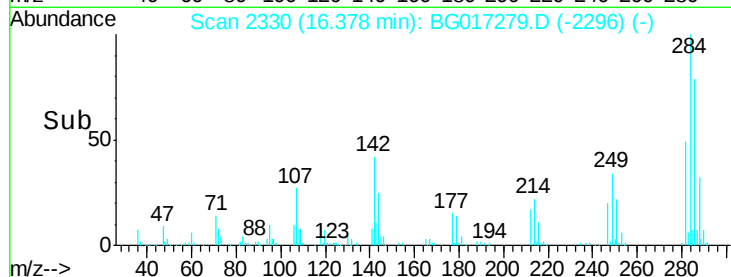
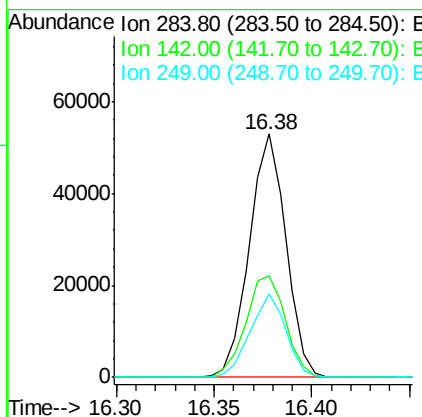
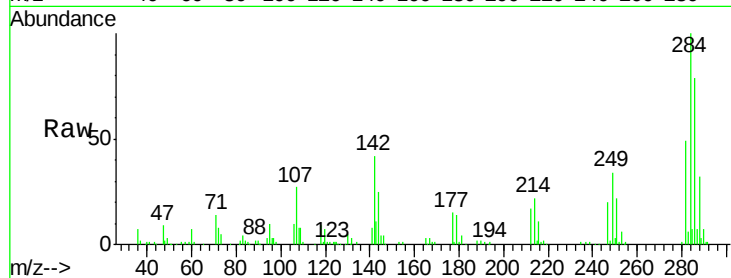




#67
Hexachlorobenzene
Concen: 36.35 ng
RT: 16.38 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

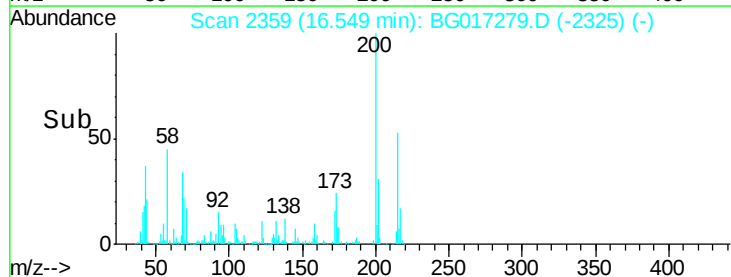
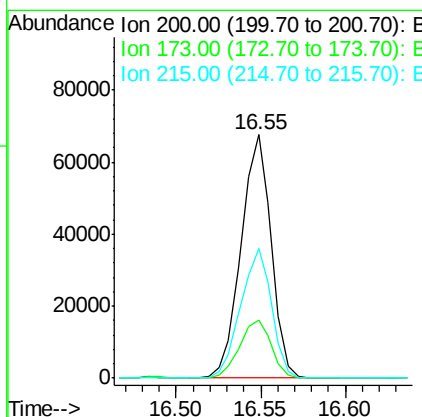
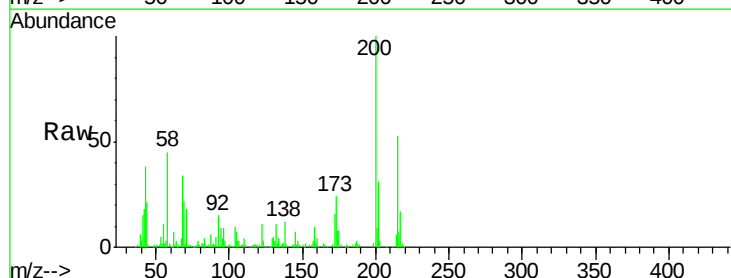
Instrument :
BNA_G
ClientSampleId :
PB83584BS

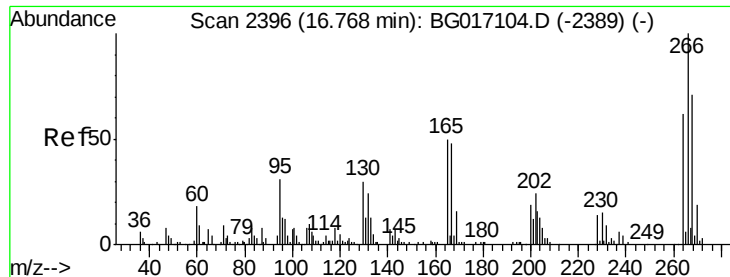
Tgt Ion: 284 Resp: 68672
Ion Ratio Lower Upper
284 100
142 41.8 38.2 57.2
249 34.3 25.2 37.8



#68
Atrazine
Concen: 45.48 ng
RT: 16.55 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion: 200 Resp: 83851
Ion Ratio Lower Upper
200 100
173 24.0 3.7 43.7
215 53.4 35.5 75.5





#69

Pentachlorophenol

Concen: 81.68 ng

RT: 16.73 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

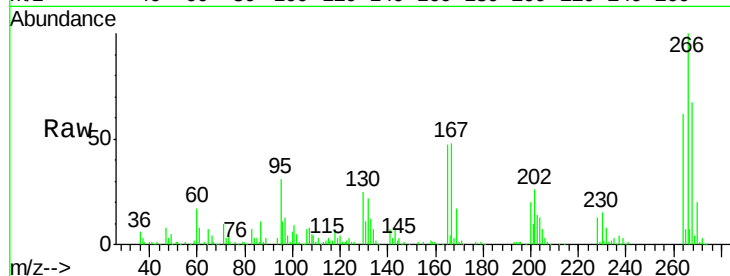
Tgt Ion:266 Resp: 96332

Ion Ratio Lower Upper

266 100

268 67.0 56.6 84.8

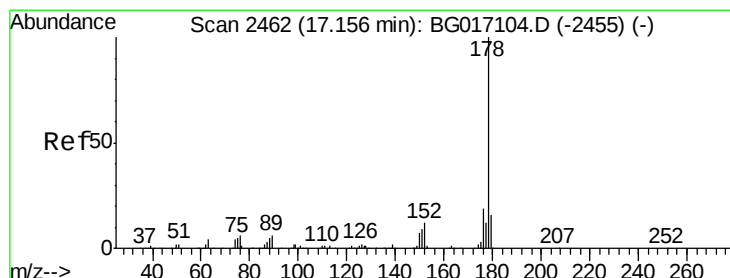
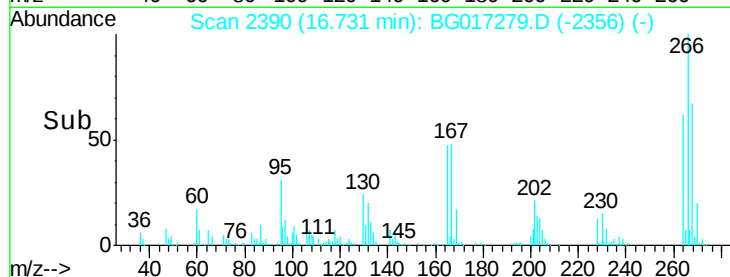
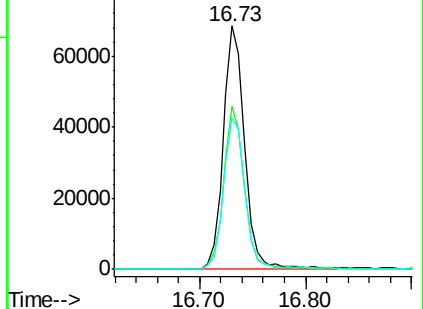
264 62.3 49.4 74.0



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: 39.85 ng

RT: 17.11 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

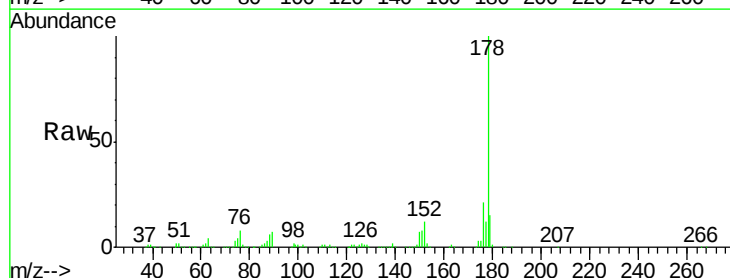
Tgt Ion:178 Resp: 337301

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

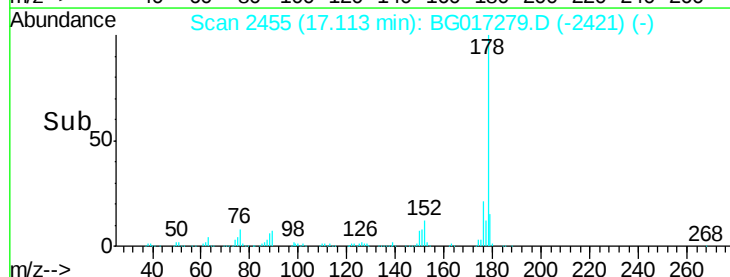
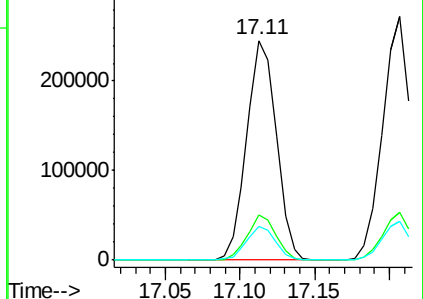
179 15.1 12.5 18.7

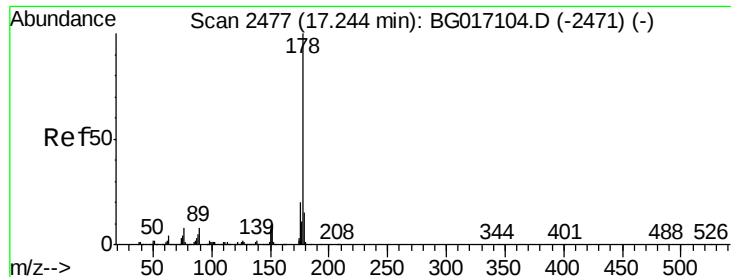


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.88 ng

RT: 17.21 min Scan# 2471

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

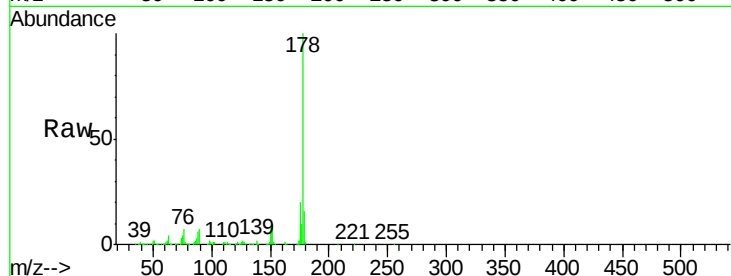
Tgt Ion:178 Resp: 350747

Ion Ratio Lower Upper

178 100

176 19.7 16.3 24.5

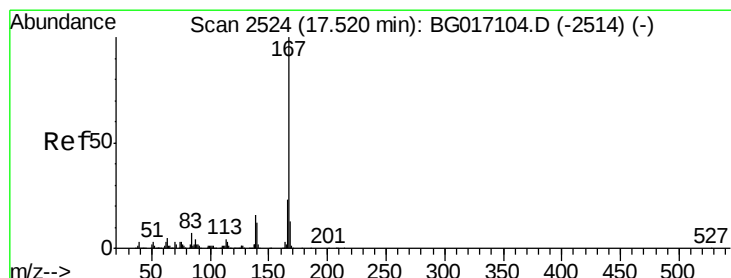
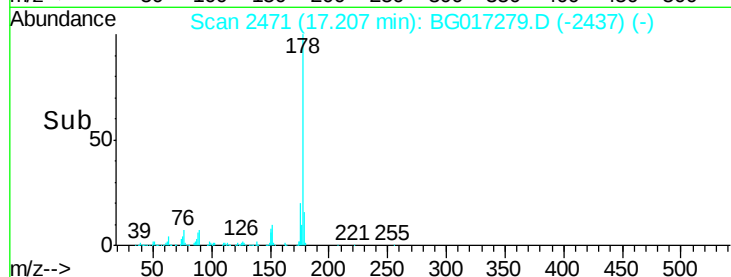
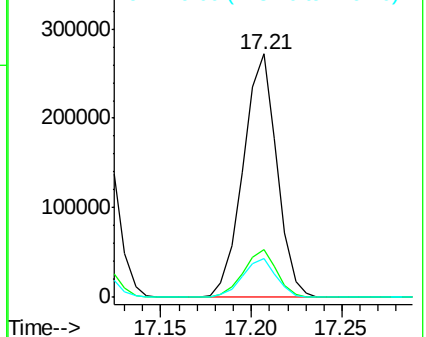
179 16.1 12.1 18.1



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



#72

Carbazole

Concen: 45.82 ng

RT: 17.48 min Scan# 2518

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

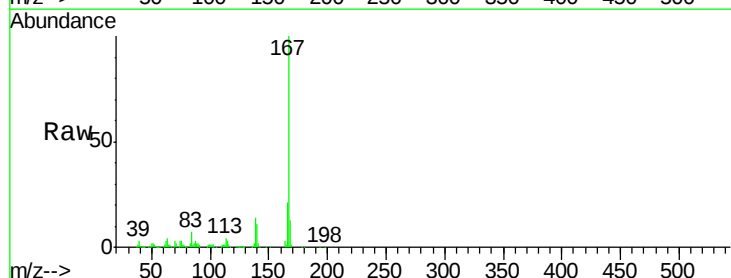
Tgt Ion:167 Resp: 361187

Ion Ratio Lower Upper

167 100

166 21.1 18.4 27.6

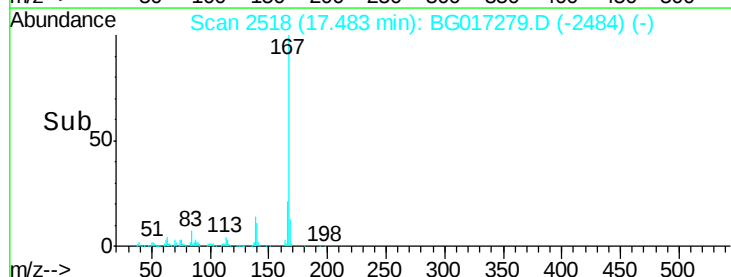
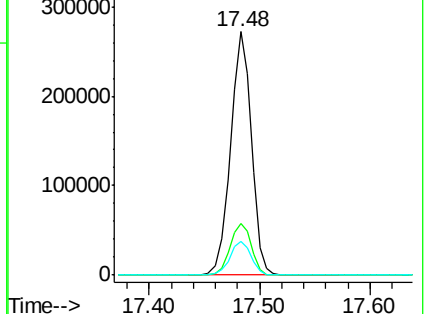
139 14.1 13.0 19.4

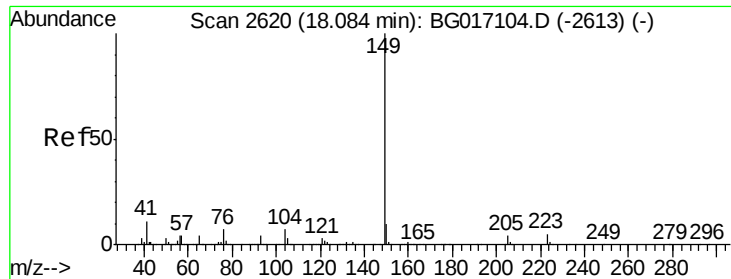


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 44.52 ng

RT: 18.05 min Scan# 2614

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampled :

PB83584BS

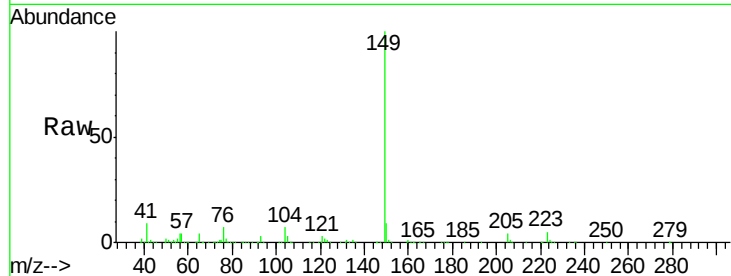
Tgt Ion:149 Resp: 469591

Ion Ratio Lower Upper

149 100

150 8.9 8.2 12.4

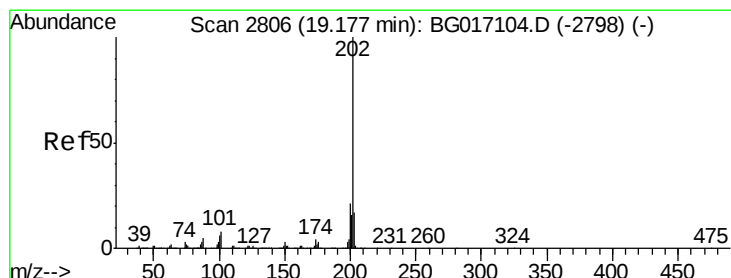
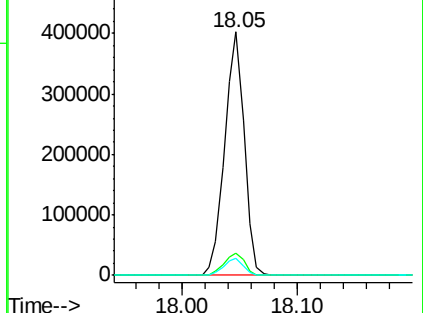
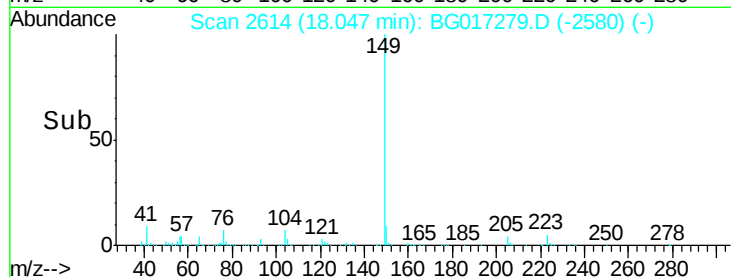
104 6.8 5.7 8.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.33 ng

RT: 19.13 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

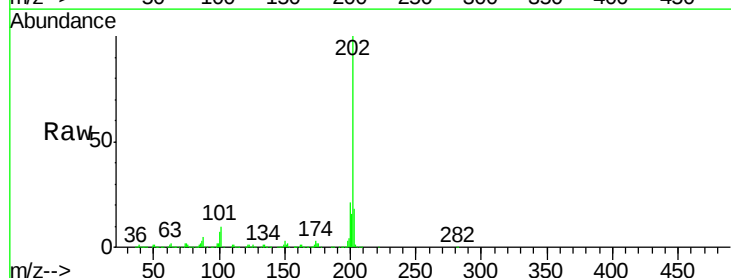
Tgt Ion:202 Resp: 460826

Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.3

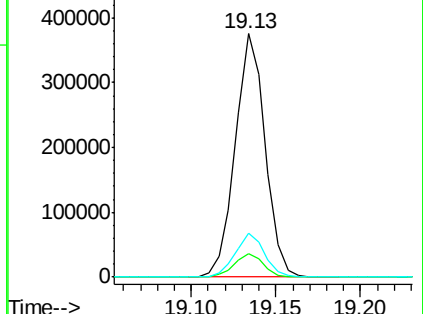
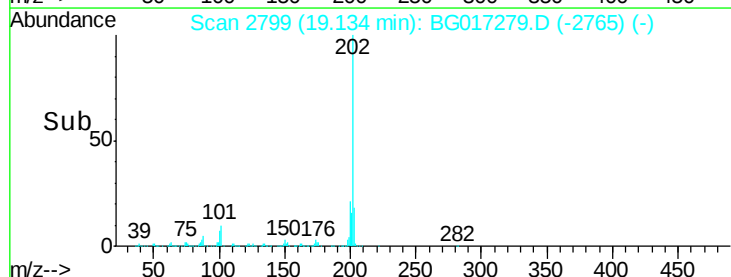
203 17.8 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

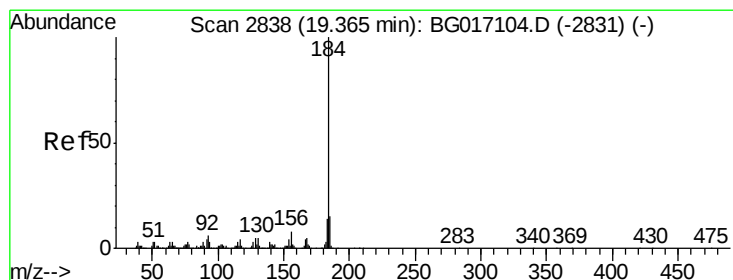
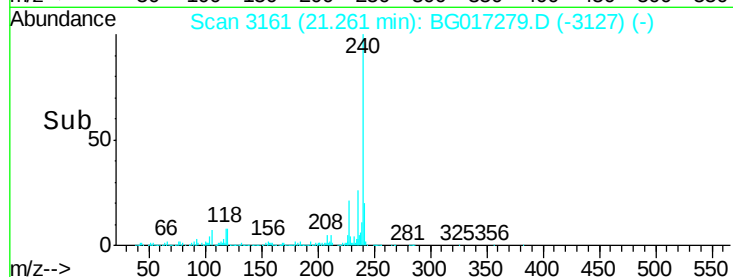
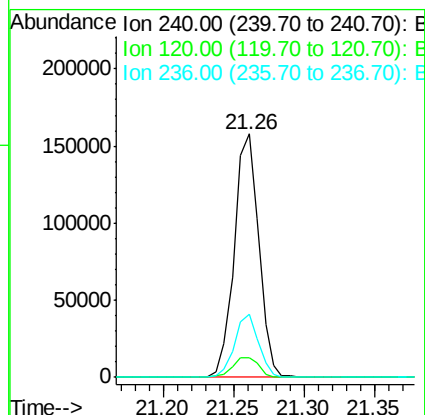
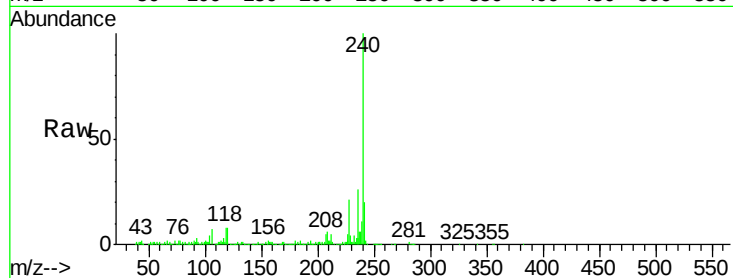




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3161
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

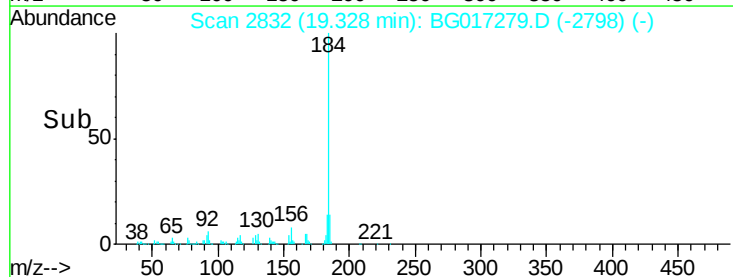
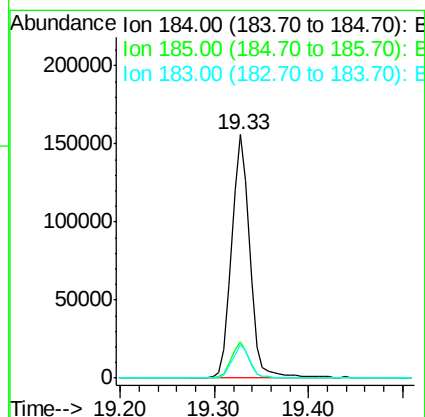
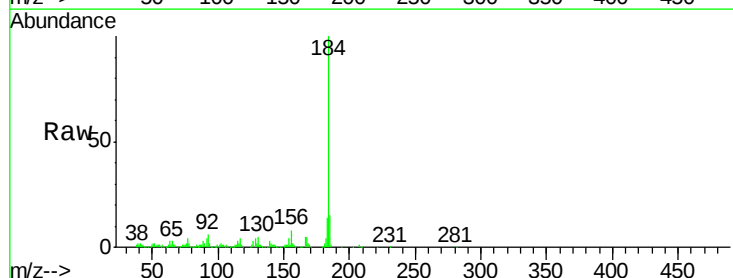
Instrument :
BNA_G
ClientSampleId :
PB83584BS

Tgt Ion:240 Resp: 190941
Ion Ratio Lower Upper
240 100
120 8.2 6.0 9.0
236 26.1 20.5 30.7



#76
Benzidine
Concen: 33.76 ng
RT: 19.33 min Scan# 2832
Delta R.T. -0.00 min
Lab File: BG017279.D
Acq: 26 May 2015 16:05

Tgt Ion:184 Resp: 210464
Ion Ratio Lower Upper
184 100
185 14.7 12.4 18.6
183 13.7 11.4 17.2





#77

Pyrene

Concen: 40.41 ng

RT: 19.50 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

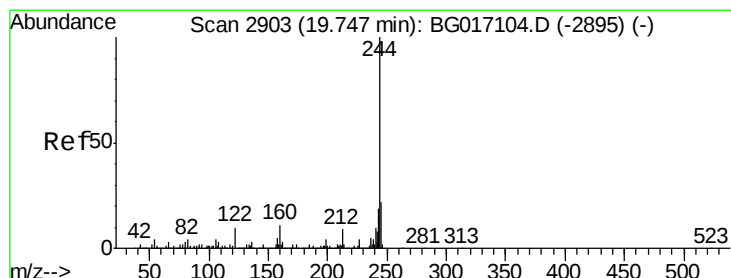
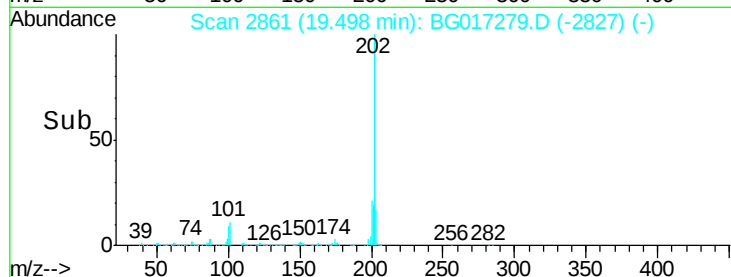
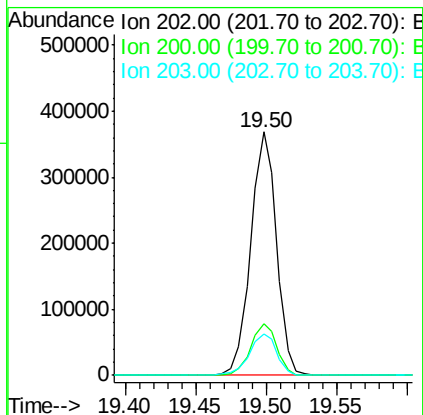
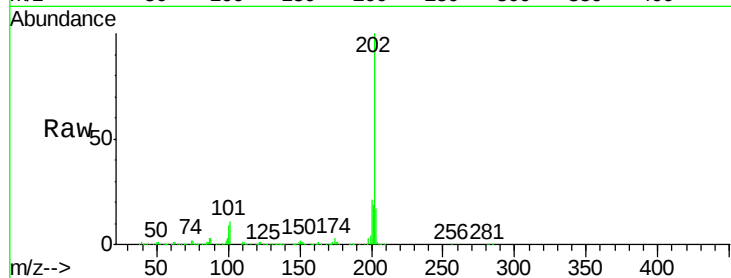
Instrument :

BNA_G

ClientSampleId :

PB83584BS

Tgt Ion:	202	Resp:	473381
Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.8	26.8
203	17.1	14.4	21.6



#78

Terphenyl-d14

Concen: 80.93 ng

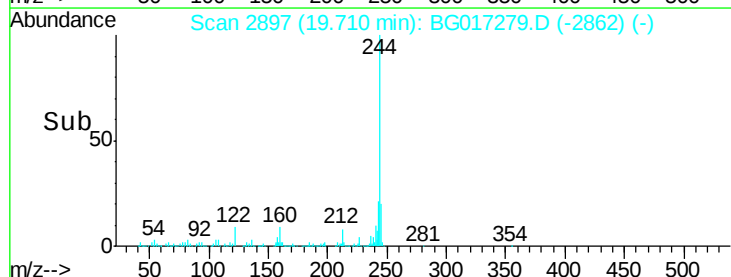
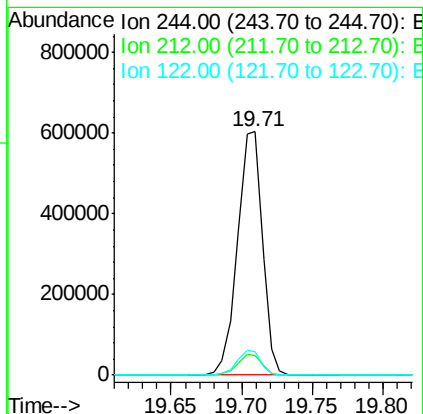
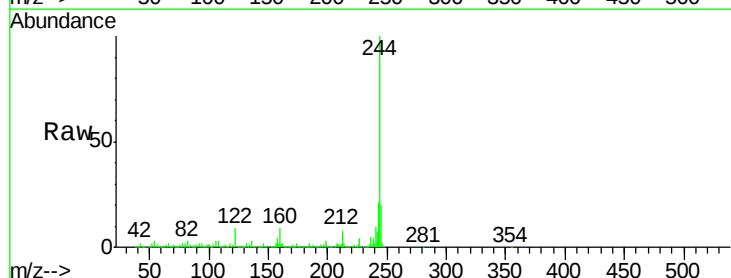
RT: 19.71 min Scan# 2897

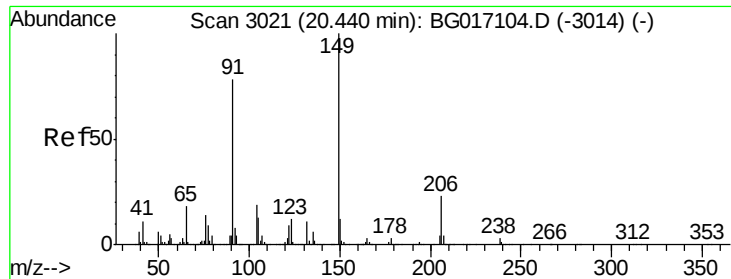
Delta R.T. 0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Tgt Ion:	244	Resp:	741540
Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.0	10.4
122	9.4	8.4	12.6





#79

Butylbenzylphthalate

Concen: 39.71 ng

RT: 20.40 min Scan# 3015

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

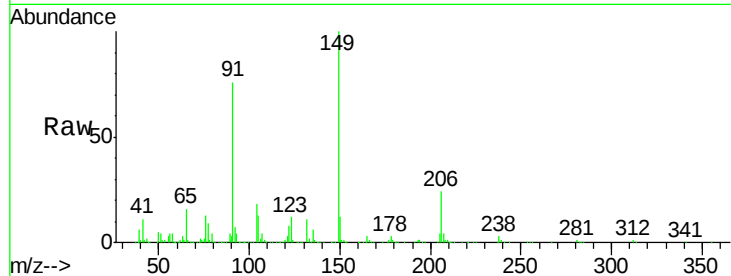
Tgt Ion:149 Resp: 211495

Ion Ratio Lower Upper

149 100

91 76.2 62.0 93.0

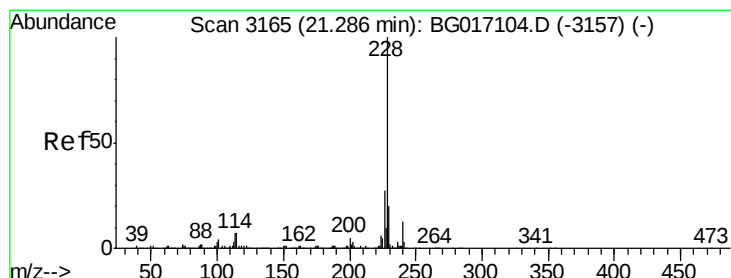
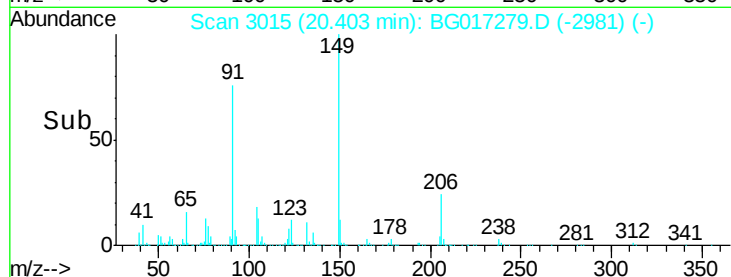
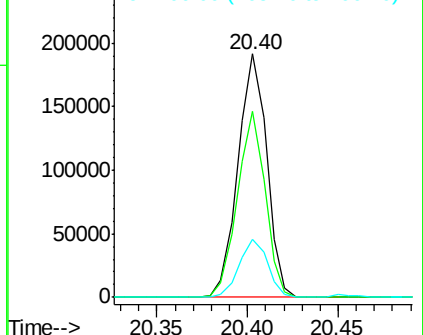
206 23.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.54 ng

RT: 21.24 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

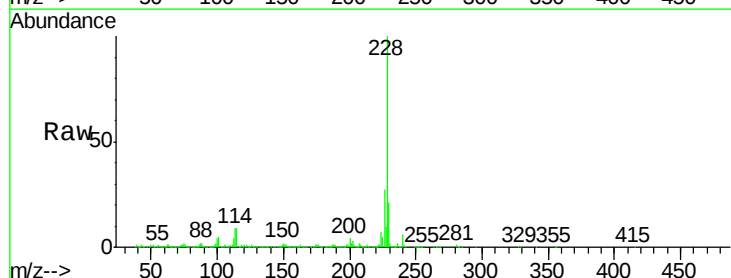
Tgt Ion:228 Resp: 443623

Ion Ratio Lower Upper

228 100

226 27.5 21.7 32.5

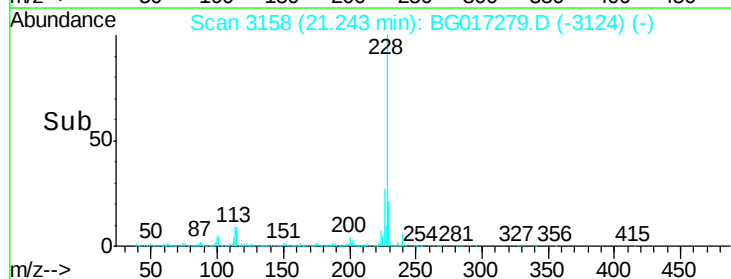
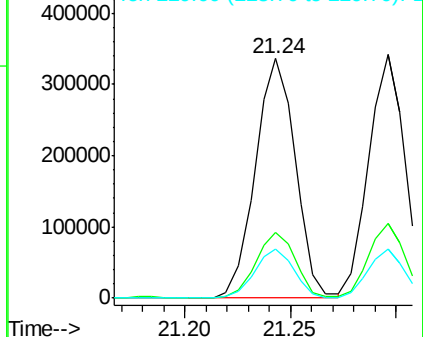
229 20.6 16.1 24.1



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





#81

3,3'-Dichlorobenzidine

Concen: 28.64 ng

RT: 21.18 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

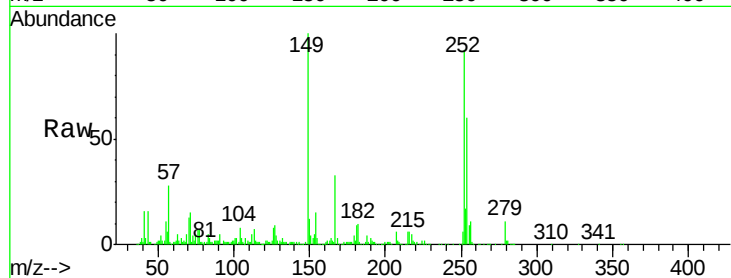
Tgt Ion:252 Resp: 121262

Ion Ratio Lower Upper

252 100

254 64.7 52.1 78.1

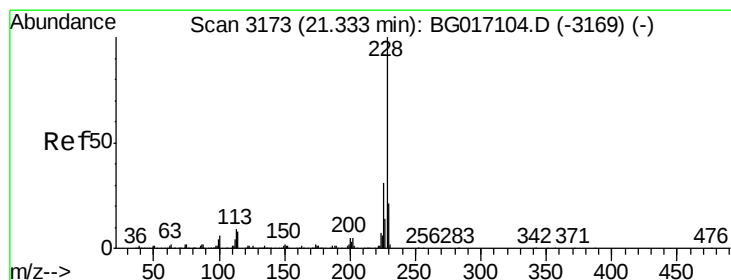
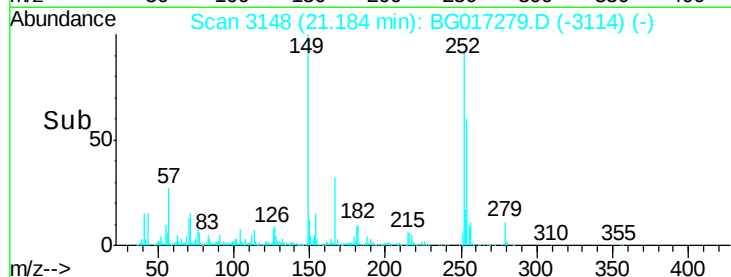
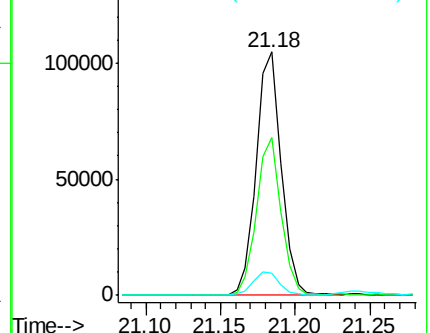
126 9.0 8.8 13.2



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: 40.11 ng

RT: 21.30 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

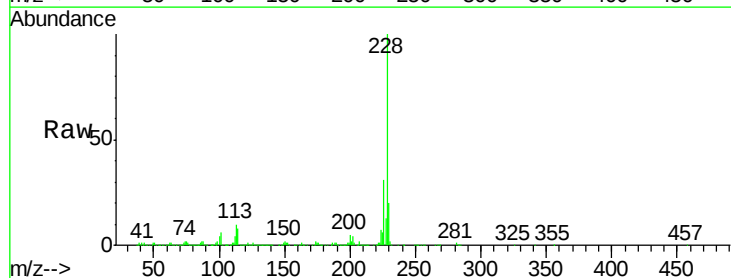
Tgt Ion:228 Resp: 408800

Ion Ratio Lower Upper

228 100

226 30.7 24.8 37.2

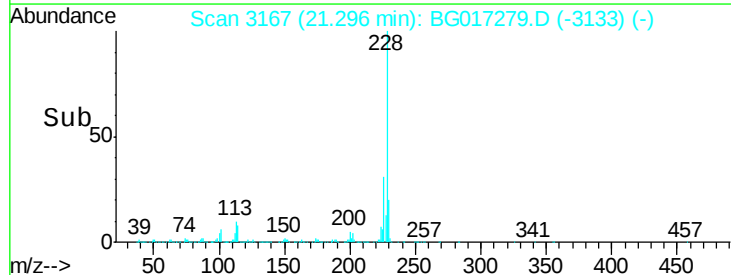
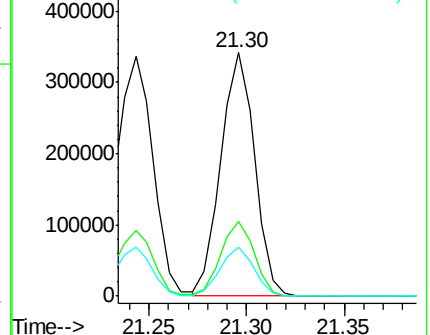
229 20.4 17.0 25.6

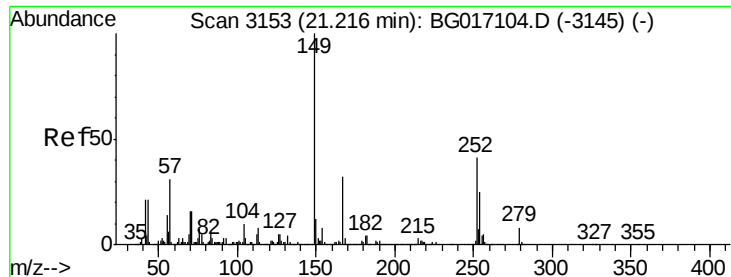


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

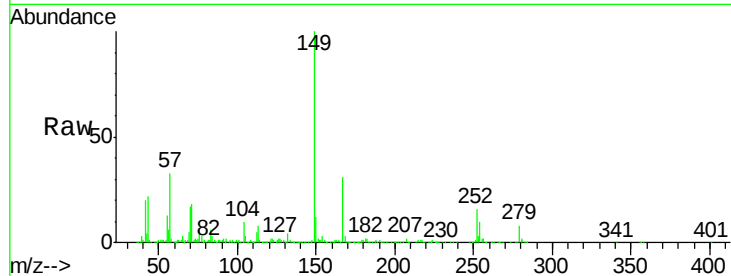




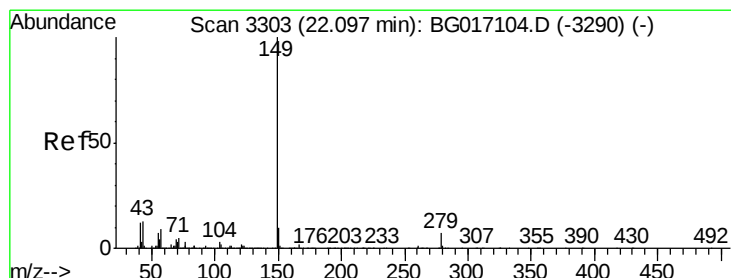
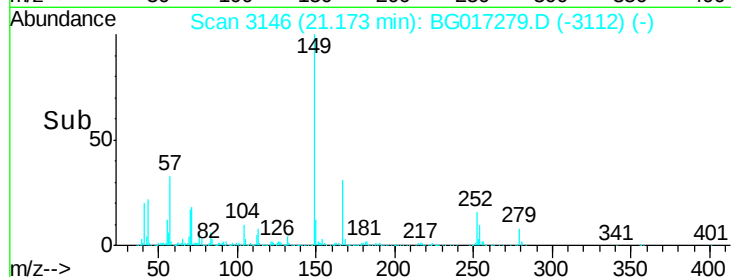
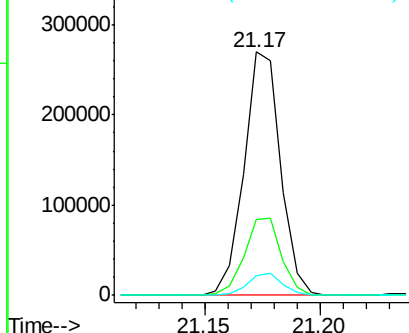
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.22 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Instrument :
 BNA_G
 ClientSampleId :
 PB83584BS

Tgt Ion:149 Resp: 296882
 Ion Ratio Lower Upper
 149 100
 167 31.4 25.4 38.2
 279 8.0 6.8 10.2

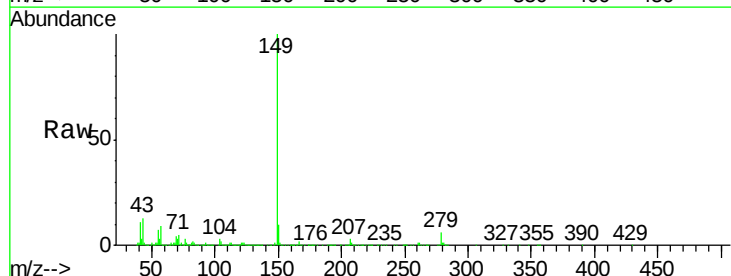


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

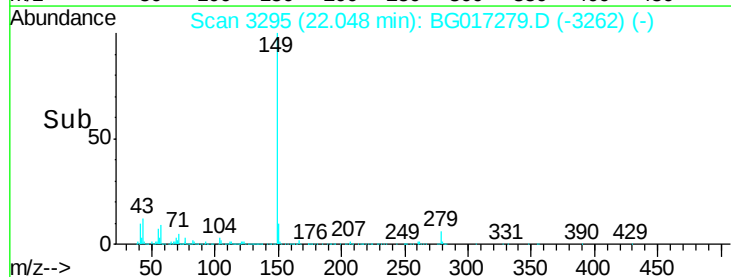
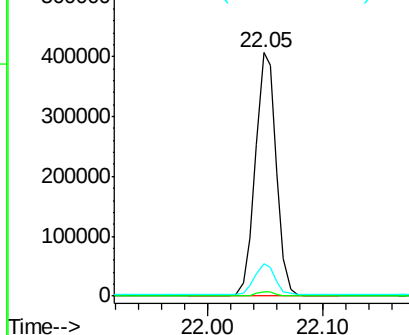


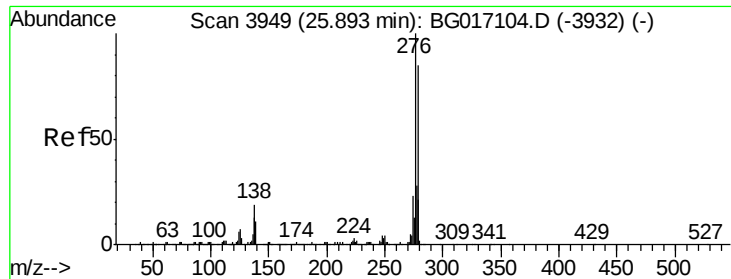
#84
 Di-n-octyl phthalate
 Concen: 40.50 ng
 RT: 22.05 min Scan# 3295
 Delta R.T. -0.01 min
 Lab File: BG017279.D
 Acq: 26 May 2015 16:05

Tgt Ion:149 Resp: 510469
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 12.4 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.10 ng

RT: 25.80 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

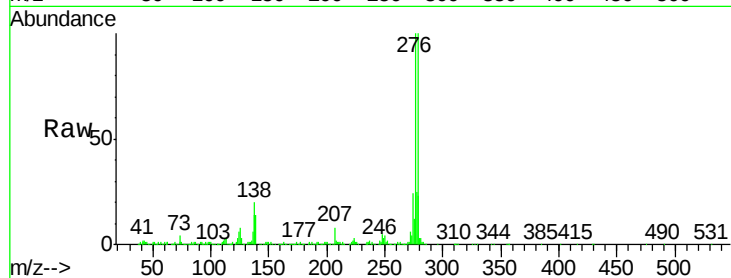
Tgt Ion: 276 Resp: 489109

Ion Ratio Lower Upper

276 100

138 20.2 16.0 24.0

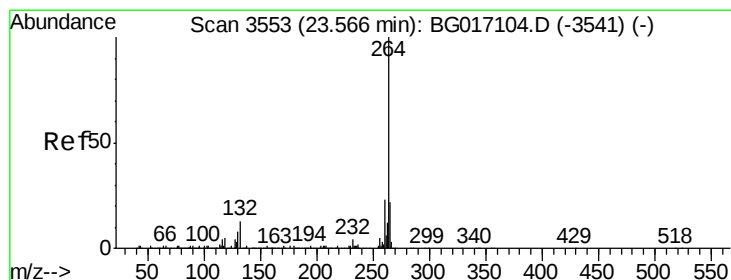
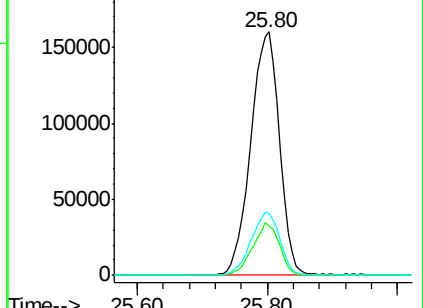
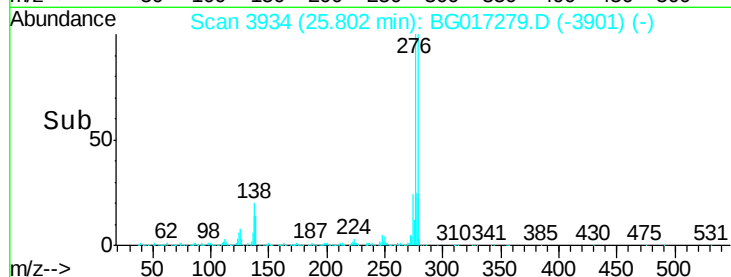
277 26.0 20.9 31.3



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: 23.51 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

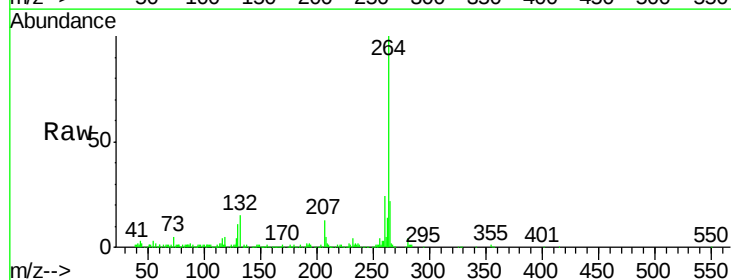
Tgt Ion: 264 Resp: 188242

Ion Ratio Lower Upper

264 100

260 24.2 18.0 27.0

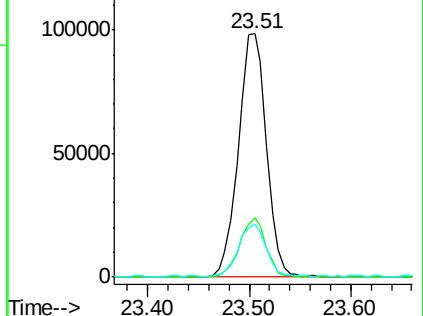
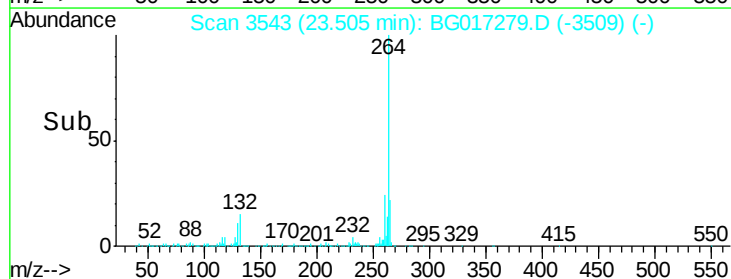
265 21.9 17.4 26.0

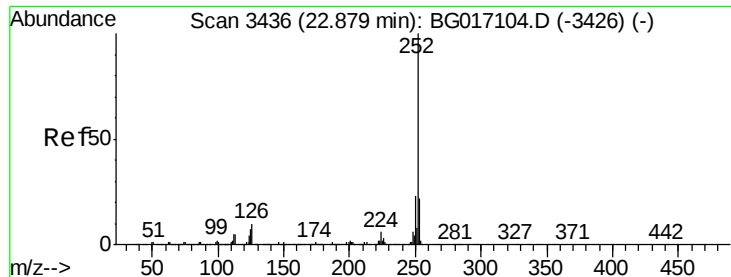


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.46 ng

RT: 22.82 min Scan# 3427

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

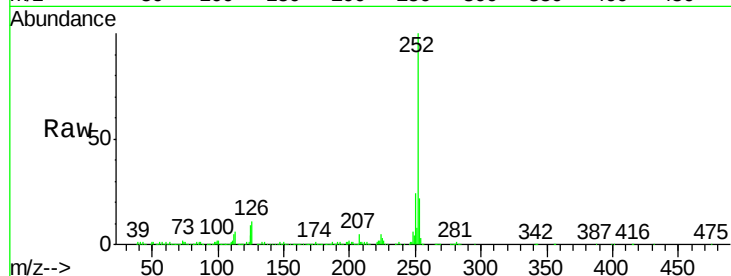
Tgt Ion:252 Resp: 432982

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

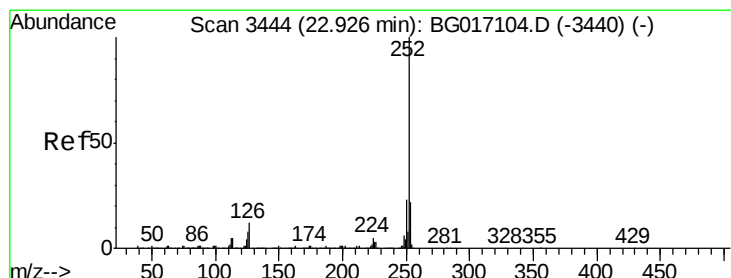
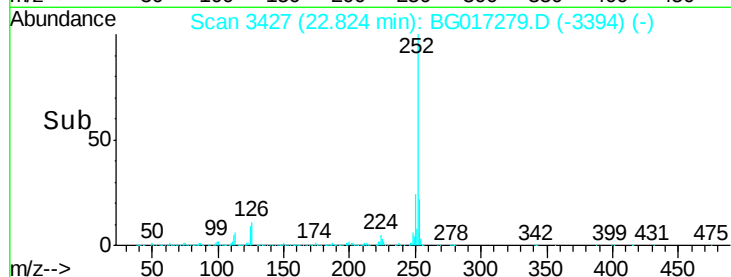
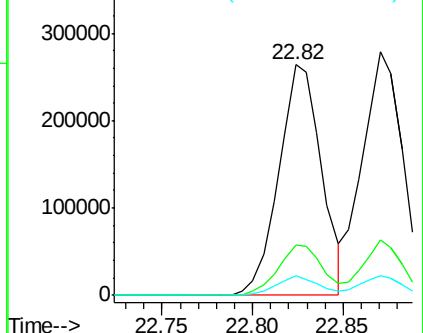
125 8.6 5.9 8.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.21 ng

RT: 22.87 min Scan# 3435

Delta R.T. -0.00 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

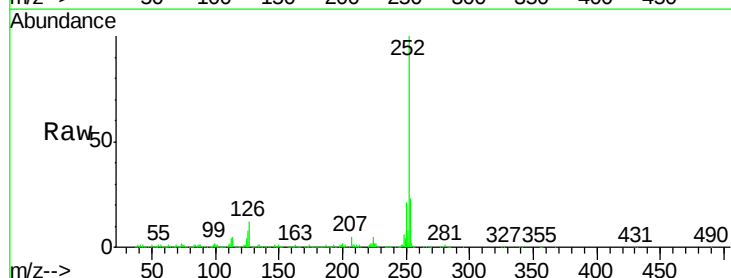
Tgt Ion:252 Resp: 429380

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

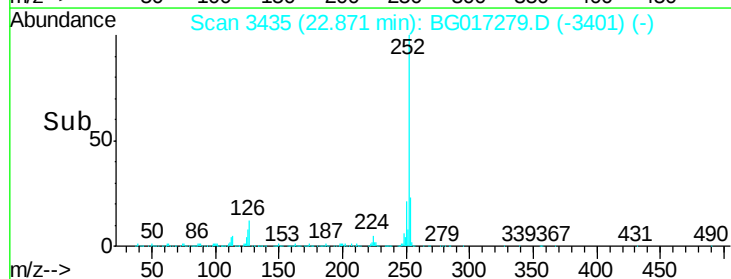
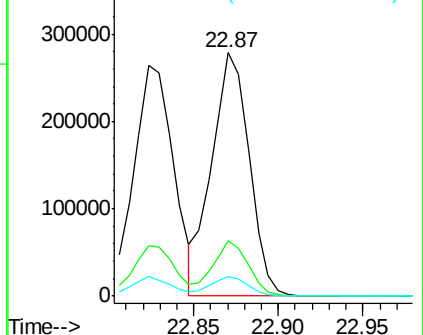
125 7.8 6.4 9.6

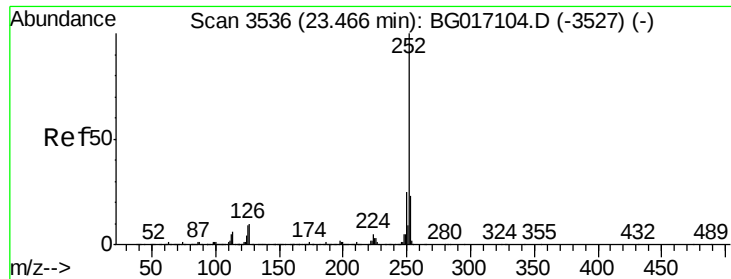


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.59 ng

RT: 23.41 min Scan# 3526

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

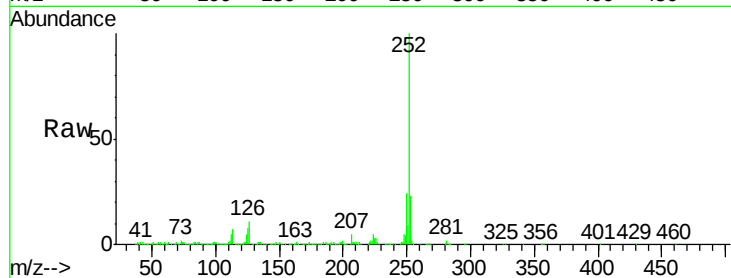
Tgt Ion:252 Resp: 419093

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

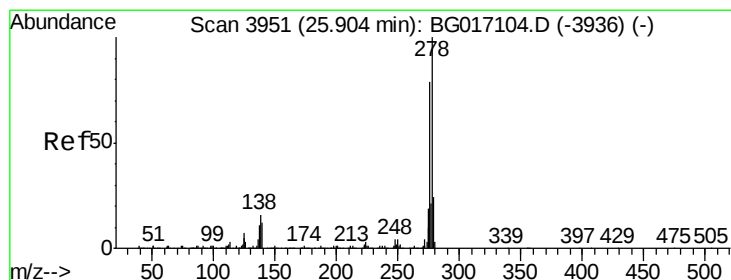
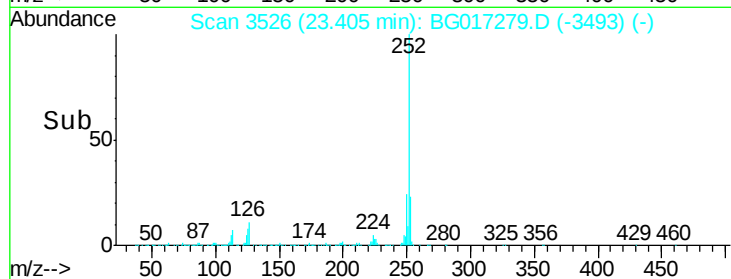
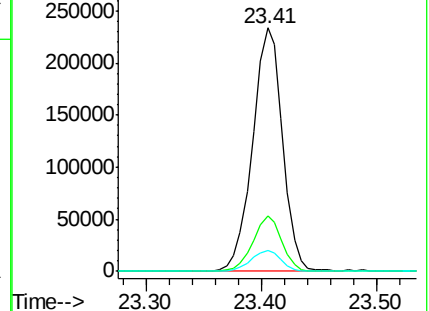
125 8.4 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.04 ng

RT: 25.81 min Scan# 3935

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

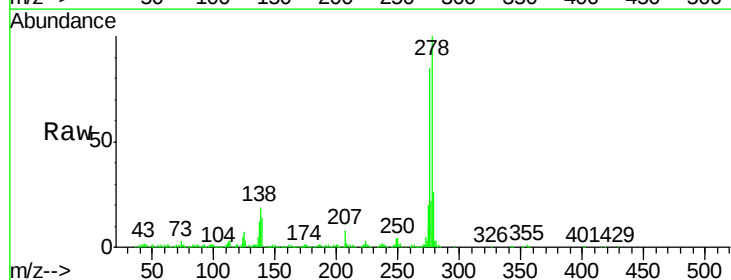
Tgt Ion:278 Resp: 414262

Ion Ratio Lower Upper

278 100

139 13.8 9.4 14.2

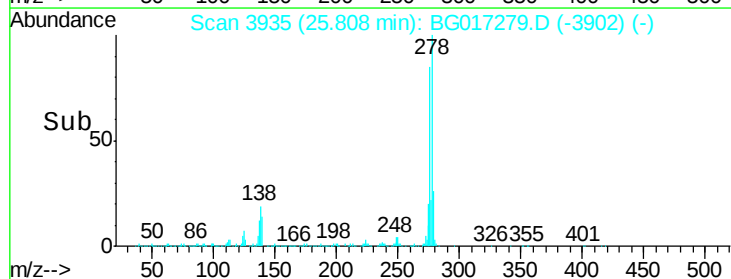
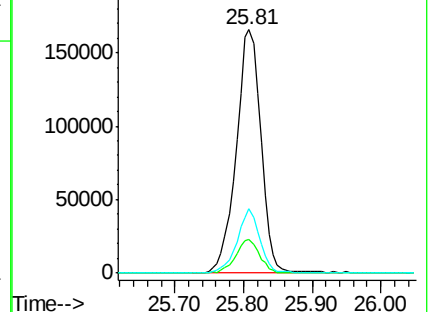
279 26.3 19.1 28.7

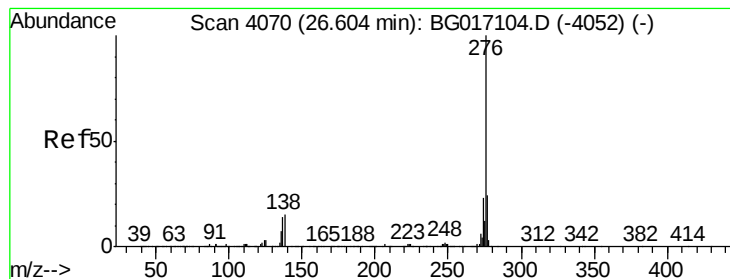


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 40.53 ng

RT: 26.50 min Scan# 4053

Delta R.T. -0.01 min

Lab File: BG017279.D

Acq: 26 May 2015 16:05

Instrument :

BNA_G

ClientSampleId :

PB83584BS

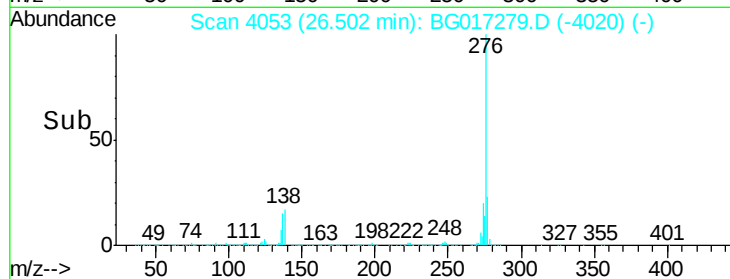
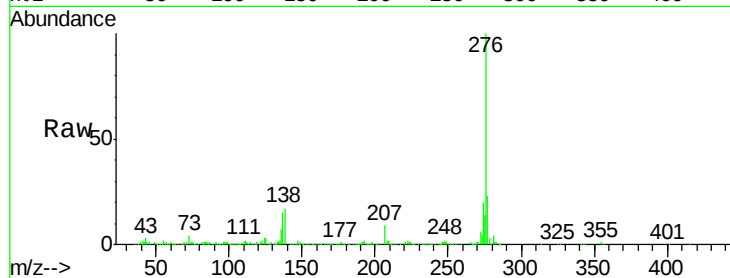
Tgt Ion: 276 Resp: 394624

Ion Ratio Lower Upper

276 100

277 23.3 18.9 28.3

138 16.9 11.8 17.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

