

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052715\
 Data File : BG017317.D
 Acq On : 28 May 2015 2:47
 Operator : TP/IZ
 Sample : G2387-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

Quant Time: May 28 04:03:27 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 28 02:22:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	22553	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	95359	20.00	ng	0.00
38) Acenaphthene-d10	14.32	164	61669	20.00	ng	0.00
63) Phenanthrene-d10	17.07	188	153963	20.00	ng	0.00
75) Chrysene-d12	21.26	240	180366	20.00	ng	0.00
86) Perylene-d12	23.50	264	178151	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	207851	163.51	ng	0.00
7) Phenol-d6	6.87	99	275299	154.33	ng	0.00
23) Nitrobenzene-d5	8.82	82	185183	90.66	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	125411	168.23	ng	0.00
44) 2-Fluorobiphenyl	12.94	172	361092	85.92	ng	0.00
78) Terphenyl-d14	19.70	244	717642	82.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.12	88	20291	40.46	ng	98
3) Pyridine	3.51	79	62196	40.99	ng	98
4) n-Nitrosodimethylamine	3.44	42	49256	42.77	ng	# 97
6) Aniline	6.99	93	81935	33.20	ng	98
8) 2-Chlorophenol	7.24	128	74789	49.18	ng	97
9) Benzaldehyde	6.80	77	9611	6.45	ng	# 82
10) Phenol	6.89	94	99716	52.71	ng	98
11) bis(2-Chloroethyl)ether	7.09	93	68437	48.25	ng	89
12) 1,3-Dichlorobenzene	7.55	146	71342	42.01	ng	98
13) 1,4-Dichlorobenzene	7.69	146	74141	43.25	ng	95
14) 1,2-Dichlorobenzene	8.01	146	69256	42.30	ng	98
15) Benzyl Alcohol	7.91	79	77922	44.96	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.20	45	115156	50.07	ng	98
17) 2-Methylphenol	8.13	107	66922	48.79	ng	90
18) Hexachloroethane	8.73	117	29687	41.46	ng	91
19) n-Nitroso-di-n-propylamine	8.47	70	66483	42.78	ng	94
20) 3+4-Methylphenols	8.45	107	89937	47.18	ng	97
22) Acetophenone	8.48	105	113129	48.88	ng	# 98
24) Nitrobenzene	8.87	77	95105	47.59	ng	98
25) Isophorone	9.38	82	174588	46.38	ng	96
26) 2-Nitrophenol	9.57	139	42303	47.35	ng	92
27) 2,4-Dimethylphenol	9.65	122	75518	51.36	ng	97
28) bis(2-Chloroethoxy)methane	9.88	93	90495	49.37	ng	95
29) 2,4-Dichlorophenol	10.12	162	72861	52.53	ng	96
30) 1,2,4-Trichlorobenzene	10.32	180	69785	44.35	ng	96
31) Naphthalene	10.50	128	212911	45.63	ng	98
32) Benzoic acid	9.77	122	13028	13.07	ng	# 81
33) 4-Chloroaniline	10.62	127	60965	27.62	ng	95
34) Hexachlorobutadiene	10.79	225	42311	42.47	ng	99
35) Caprolactam	11.40	113	23075	33.09	ng	89
36) 4-Chloro-3-methylphenol	11.78	107	93107	53.12	ng	94
37) 2-Methylnaphthalene	12.13	142	160655	43.41	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	77283	44.29	ng	98
40) Hexachlorocyclopentadiene	12.47	237	89560	84.15	ng	95

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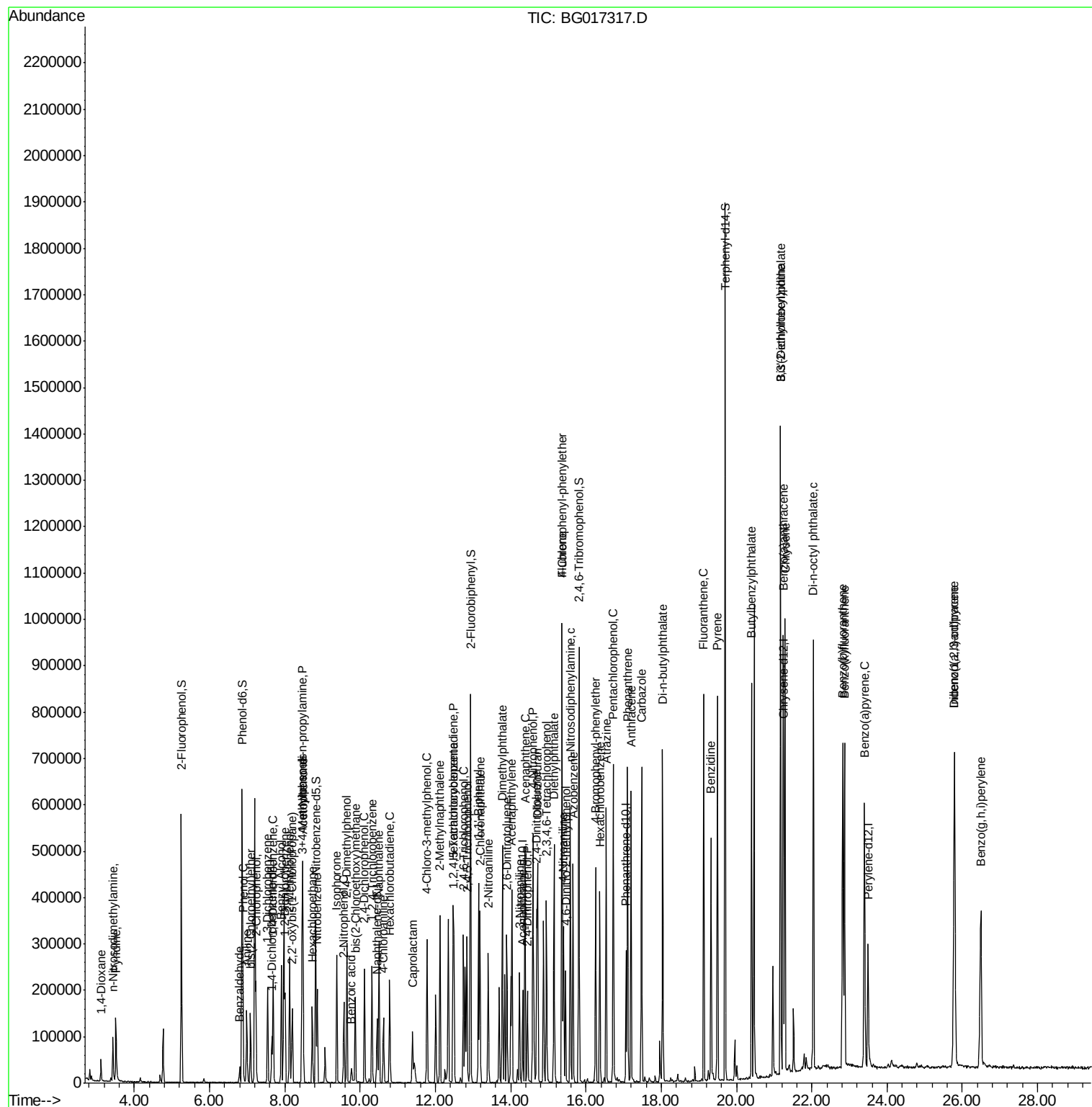
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	62287	50.33	ng	99
43) 2,4,5-Trichlorophenol	12.84	196	67860	53.21	ng	94
45) 1,1'-Biphenyl	13.15	154	201362	45.33	ng	98
46) 2-Chloronaphthalene	13.19	162	161773	46.00	ng	95
47) 2-Nitroaniline	13.40	65	72467	52.96	ng	93
48) Acenaphthylene	14.04	152	271636	45.10	ng	99
49) Dimethylphthalate	13.78	163	264821	54.92	ng	98
50) 2,6-Dinitrotoluene	13.91	165	54590	51.09	ng	97
51) Acenaphthene	14.38	154	159273	44.77	ng	98
52) 3-Nitroaniline	14.24	138	47140	39.76	ng	100
53) 2,4-Dinitrophenol	14.44	184	39003	62.87	ng	95
54) Dibenzofuran	14.72	168	247239	46.75	ng	98
55) 4-Nitrophenol	14.59	139	104093	109.04	ng	95
56) 2,4-Dinitrotoluene	14.69	165	79114	53.08	ng	96
57) Fluorene	15.37	166	216491	46.24	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	63968	54.66	ng	99
59) Diethylphthalate	15.15	149	248710	48.02	ng	99
60) 4-Chlorophenyl-phenylether	15.36	204	111982	46.57	ng	94
61) 4-Nitroaniline	15.40	138	68289	51.63	ng	98
62) Azobenzene	15.66	77	247728	50.06	ng	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	43922	41.62	ng	93
65) n-Nitrosodiphenylamine	15.59	169	200246	42.37	ng	98
66) 4-Bromophenyl-phenylether	16.26	248	68838	41.00	ng	95
67) Hexachlorobenzene	16.37	284	71133	40.14	ng	99
68) Atrazine	16.54	200	90517	52.35	ng	95
69) Pentachlorophenol	16.73	266	103483	93.55	ng	97
70) Phenanthrene	17.11	178	340431	42.88	ng	98
71) Anthracene	17.20	178	357101	44.38	ng	98
72) Carbazole	17.48	167	367824	49.75	ng	97
73) Di-n-butylphthalate	18.04	149	461160	46.62	ng	98
74) Fluoranthene	19.13	202	439754	46.12	ng	97
76) Benzidine	19.32	184	266161	45.20	ng	96
77) Pyrene	19.49	202	450236	40.69	ng	98
79) Butylbenzylphthalate	20.40	149	218319	43.39	ng	97
80) Benzo(a)anthracene	21.24	228	440751	42.64	ng	99
81) 3,3'-Dichlorobenzidine	21.17	252	113056	28.26	ng	95
82) Chrysene	21.29	228	415860	43.20	ng	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	325500	45.52	ng	98
84) Di-n-octyl phthalate	22.04	149	546588	45.91	ng	99
85) Indeno(1,2,3-cd)pyrene	25.79	276	484385	42.04	ng	97
87) Benzo(b)fluoranthene	22.82	252	450211	43.35	ng	99
88) Benzo(k)fluoranthene	22.87	252	422929	42.90	ng	99
89) Benzo(a)pyrene	23.40	252	418507	43.89	ng	99
90) Dibenzo(a,h)anthracene	25.80	278	417415	42.63	ng	# 97
91) Benzo(g,h,i)perylene	26.49	276	389697	42.29	ng	# 93

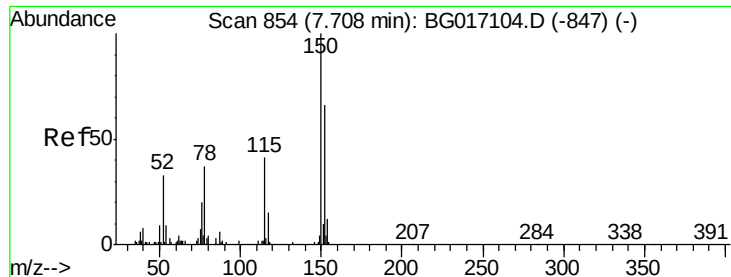
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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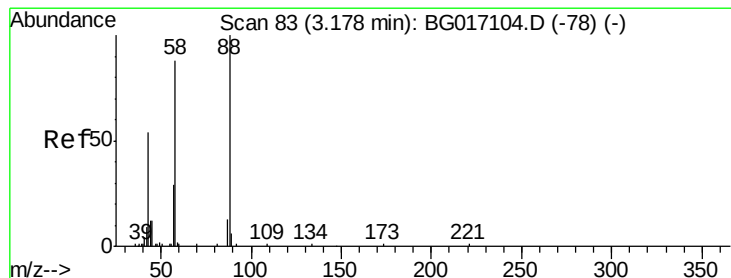
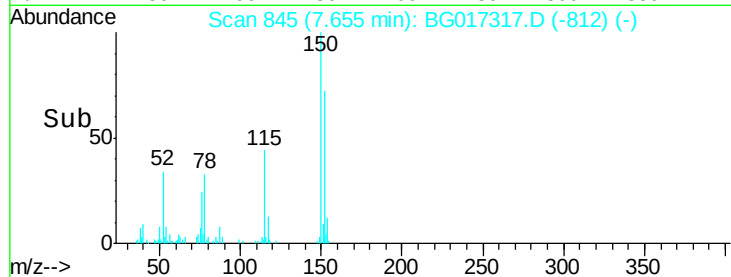
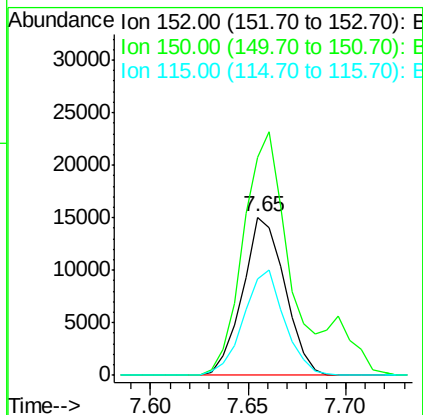
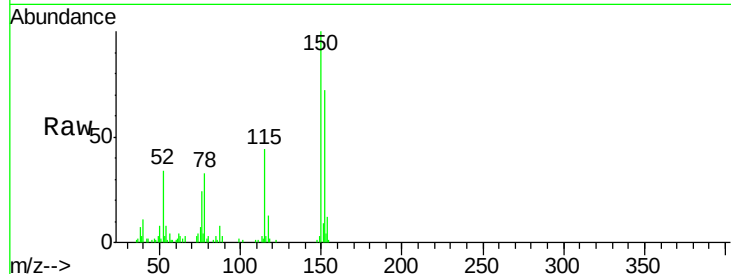


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.65 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

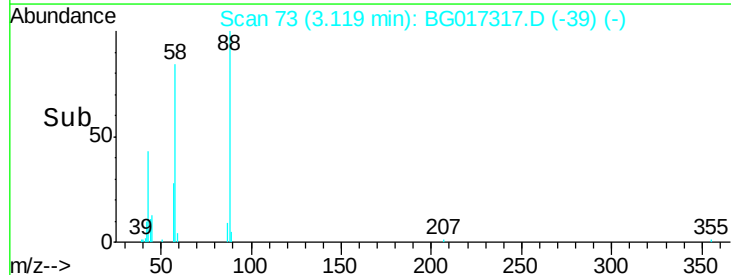
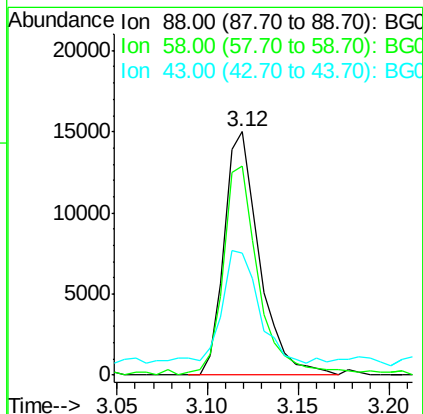
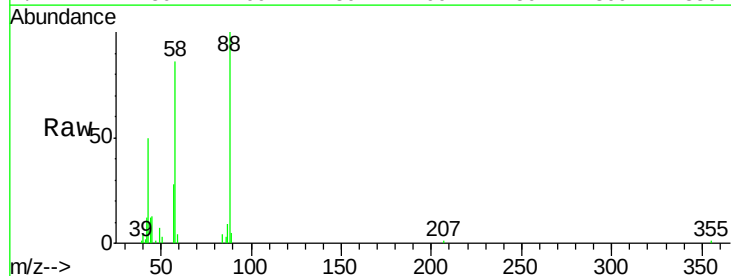
Tgt Ion	Ratio	Lower	Upper
152	100		
150	138.1	120.8	181.2
115	60.7	49.4	74.2

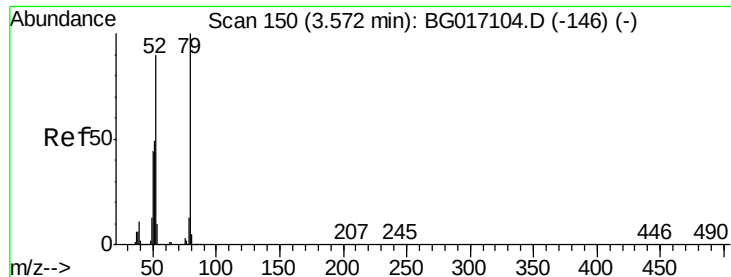


#2

1,4-Dioxane
 Concen: 40.46 ng
 RT: 3.12 min Scan# 73
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	86.9	68.6	103.0
43	47.9	40.3	60.5





#3

Pyridine

Concen: 40.99 ng

RT: 3.51 min Scan# 140

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

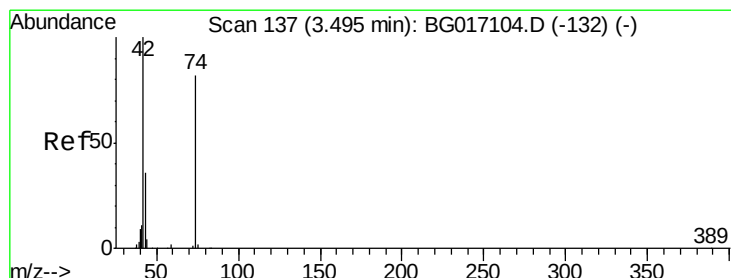
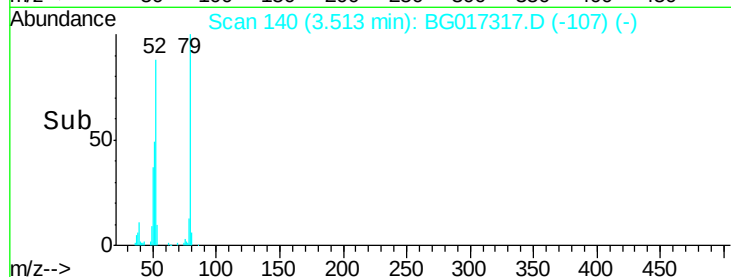
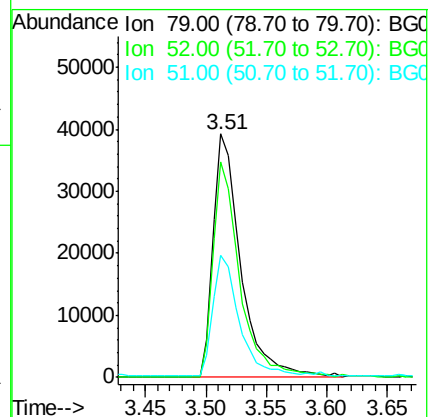
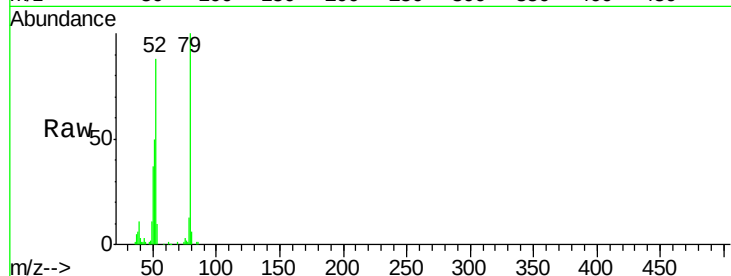
Tgt Ion: 79 Resp: 62196

Ion Ratio Lower Upper

79 100

52 88.4 72.2 108.2

51 50.1 40.6 60.8



#4

n-Nitrosodimethylamine

Concen: 42.77 ng

RT: 3.44 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

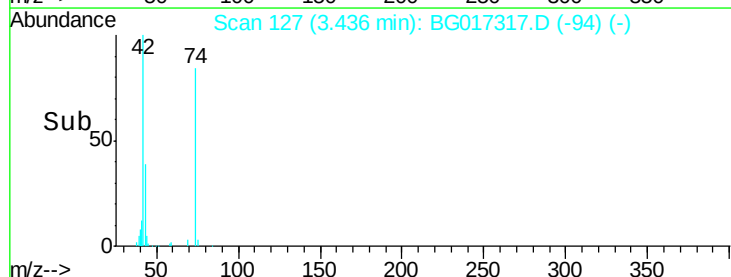
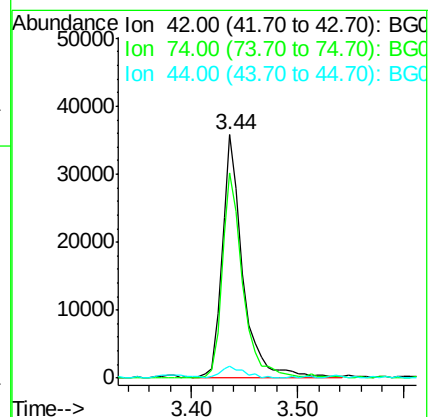
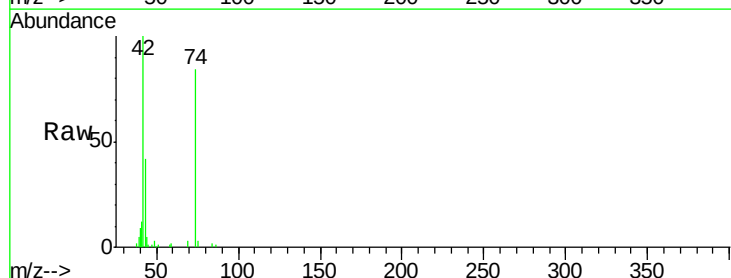
Tgt Ion: 42 Resp: 49256

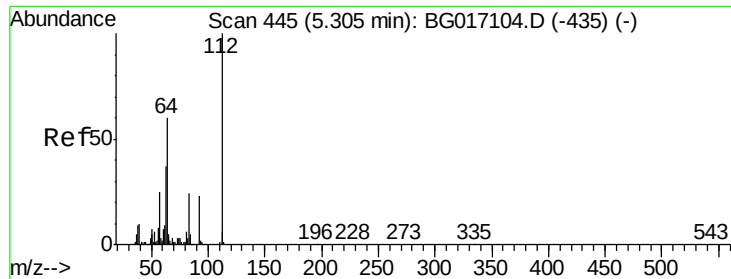
Ion Ratio Lower Upper

42 100

74 84.1 65.2 97.8

44 5.1 3.2 4.8#





#5

2-Fluorophenol

Concen: 163.51 ng

RT: 5.26 min Scan# 437

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

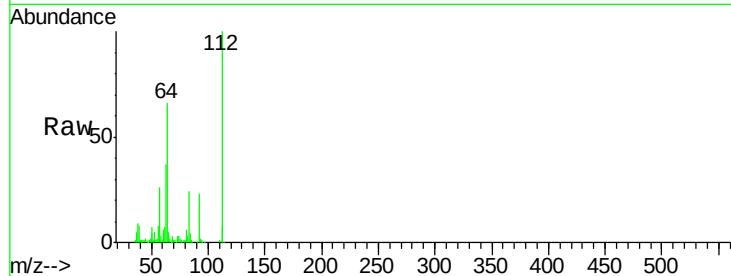
Tgt Ion: 112 Resp: 207851

Ion Ratio Lower Upper

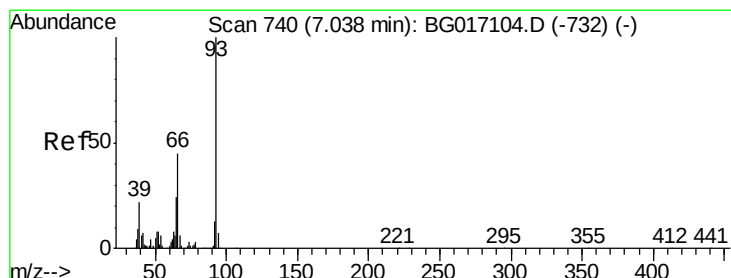
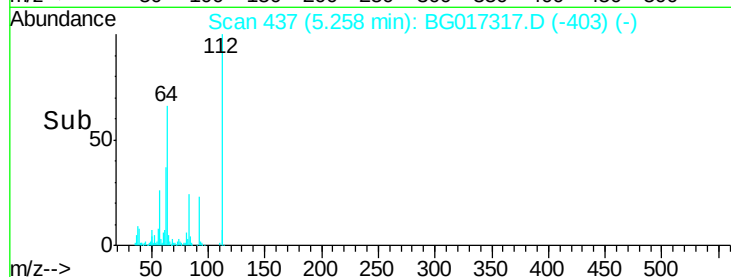
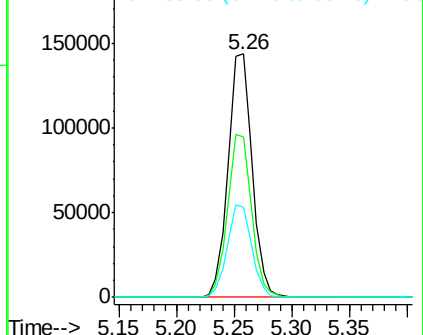
112 100

64 66.1 48.1 72.1

63 37.2 29.8 44.8



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.20 ng

RT: 6.99 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

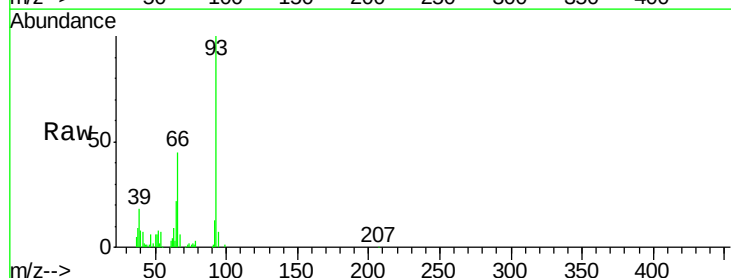
Tgt Ion: 93 Resp: 81935

Ion Ratio Lower Upper

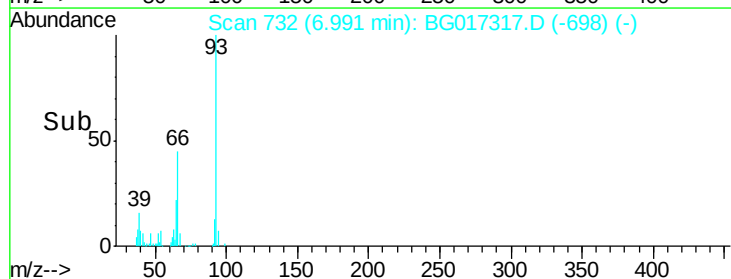
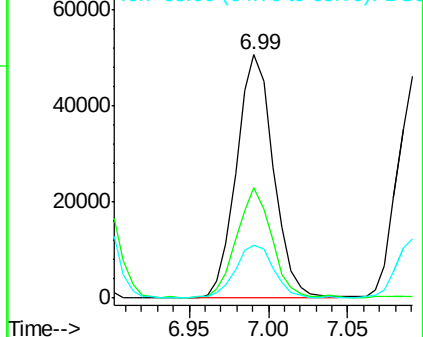
93 100

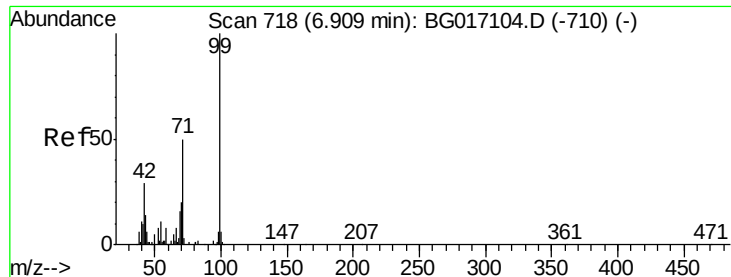
66 45.2 35.8 53.8

65 21.7 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: 154.33 ng

RT: 6.87 min Scan# 711

Delta R.T. 0.00 min

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Acq: 28 May 2015 2:47

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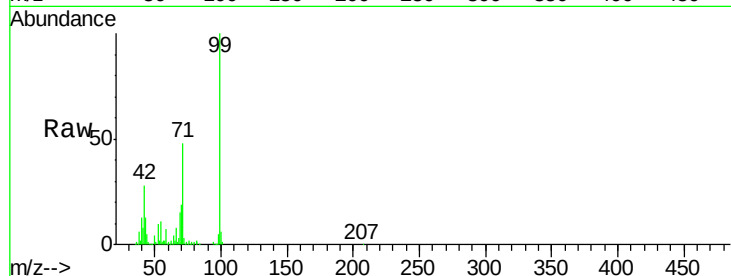
Tgt Ion: 99 Resp: 275299

Ion Ratio Lower Upper

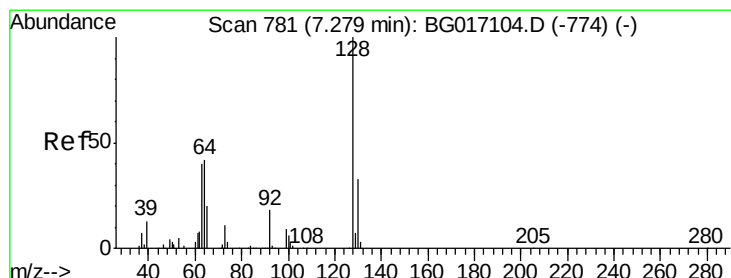
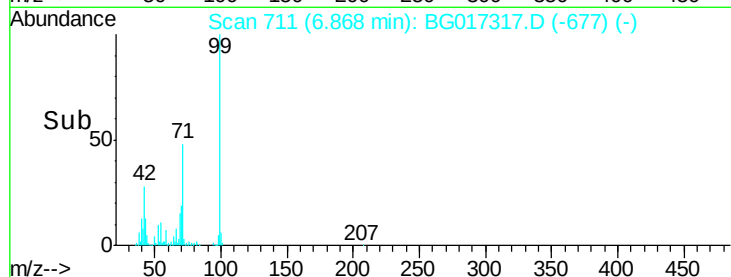
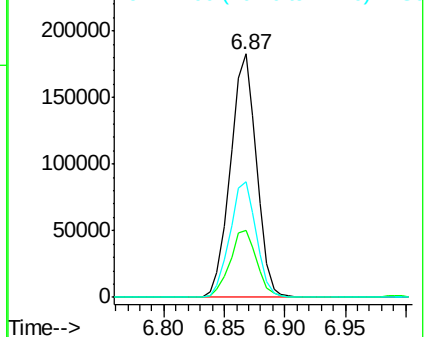
99 100

42 27.7 23.5 35.3

71 47.7 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



#8

2-Chlorophenol

Concen: 49.18 ng

RT: 7.24 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

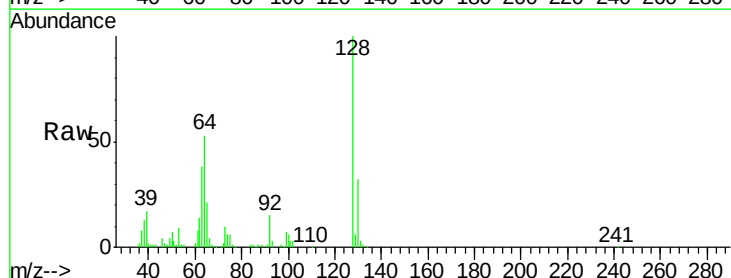
Tgt Ion: 128 Resp: 74789

Ion Ratio Lower Upper

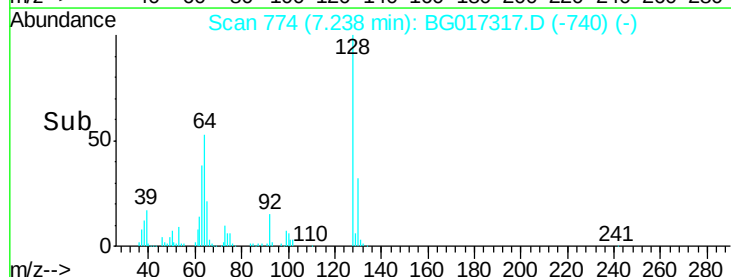
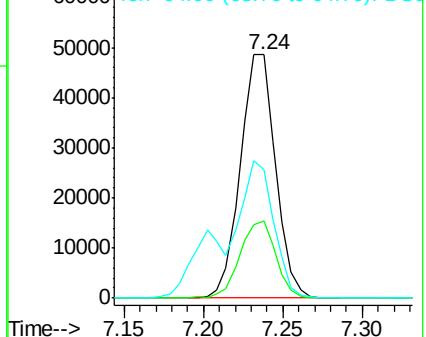
128 100

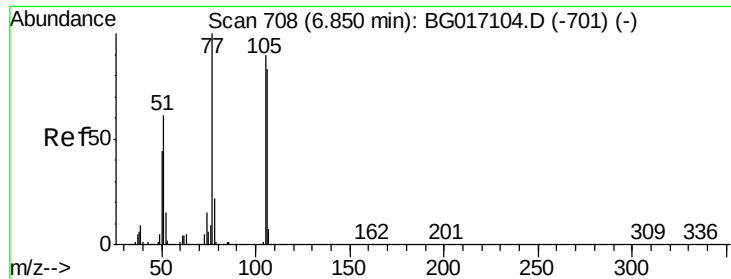
130 31.5 13.3 53.3

64 53.0 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





#9

Benzaldehyde

Concen: 6.45 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

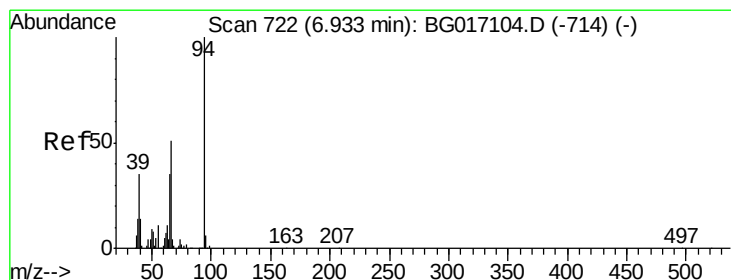
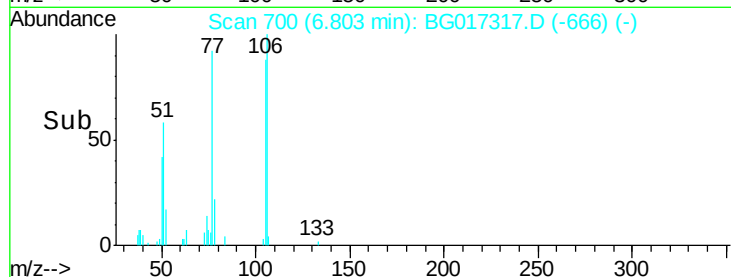
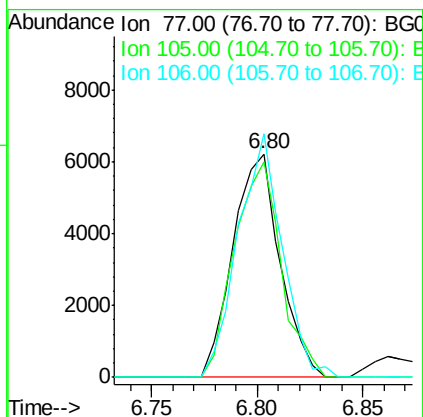
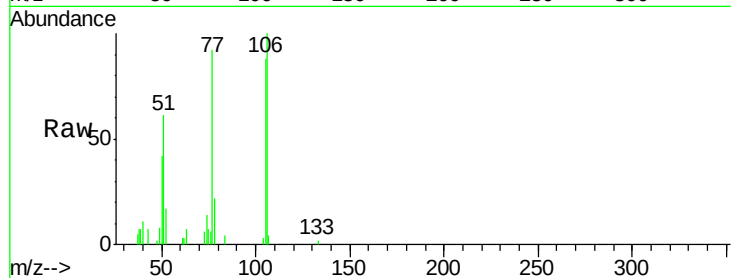
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Tgt Ion:	77	Resp:	9611
Ion	Ratio	Lower	Upper
77	100		
105	96.5	69.5	109.5
106	109.1	63.4	103.4



#10

Phenol

Concen: 52.71 ng

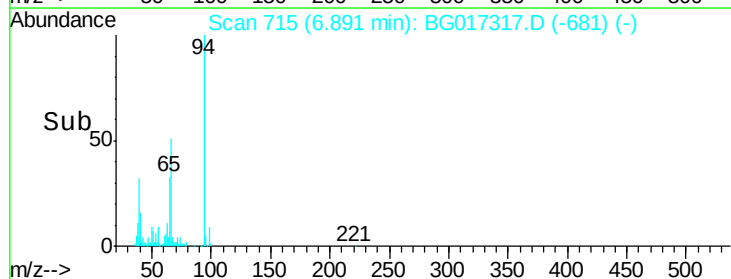
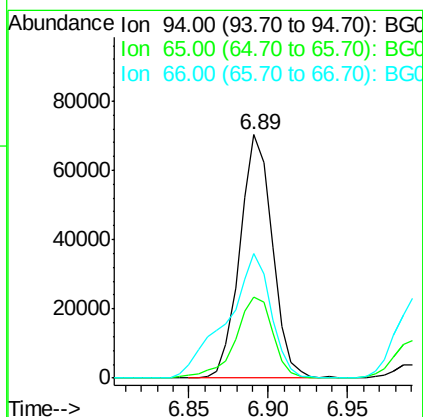
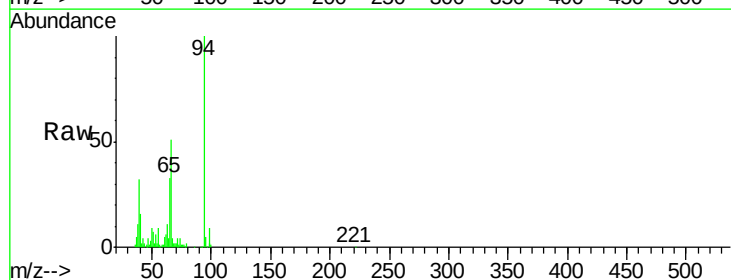
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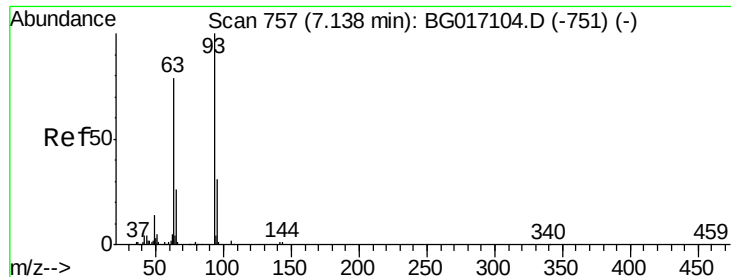
Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Tgt Ion:	94	Resp:	99716
Ion	Ratio	Lower	Upper
94	100		
65	33.4	15.0	55.0
66	51.0	32.1	72.1

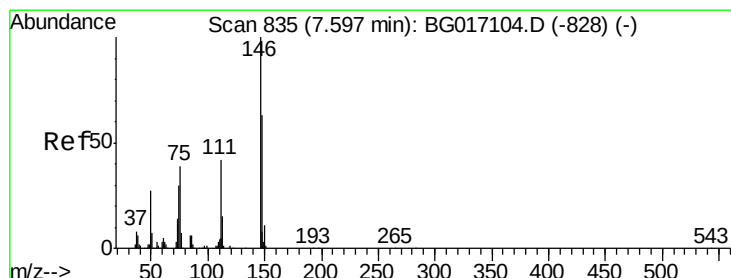
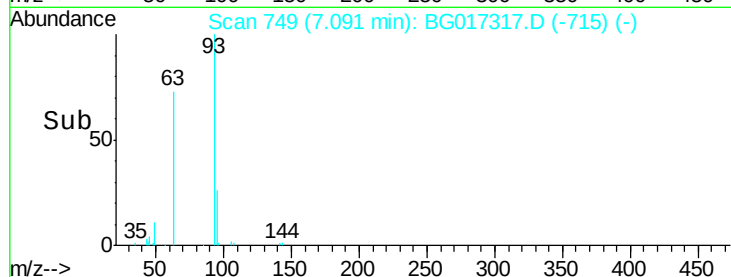
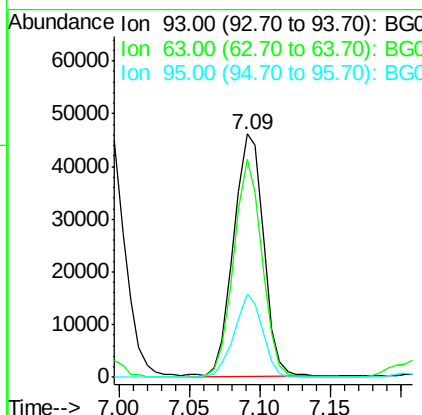
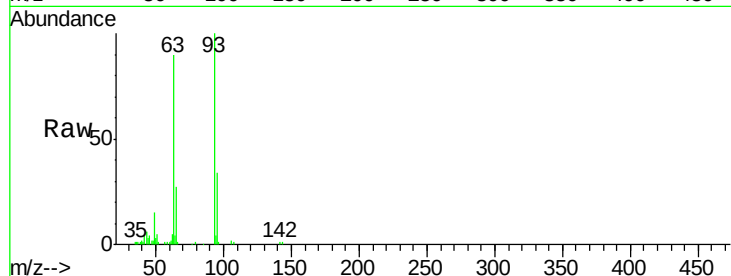




#11
bis(2-Chloroethyl)ether
Concen: 48.25 ng
RT: 7.09 min Scan# 749
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

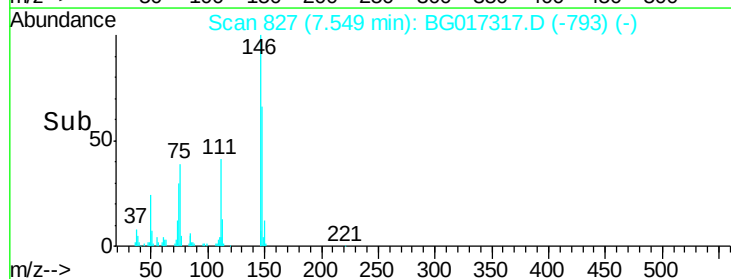
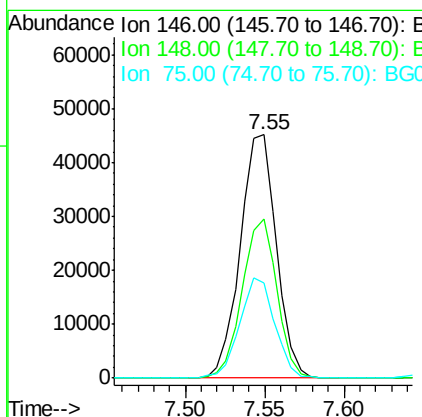
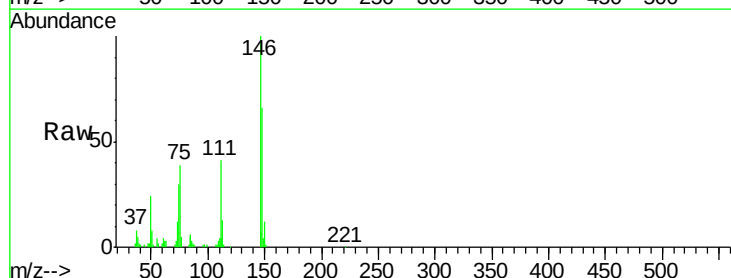
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

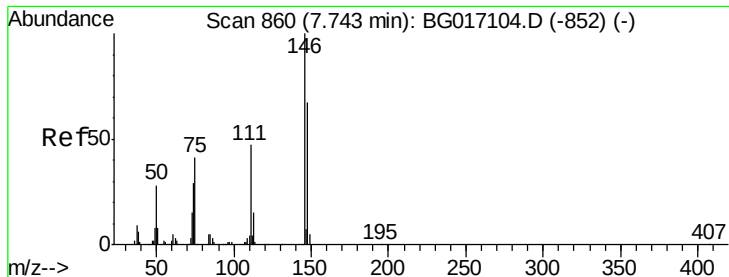
Tgt Ion: 93 Resp: 68437
Ion Ratio Lower Upper
93 100
63 89.7 58.5 98.5
95 34.2 11.0 51.0



#12
1,3-Dichlorobenzene
Concen: 42.01 ng
RT: 7.55 min Scan# 827
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion: 146 Resp: 71342
Ion Ratio Lower Upper
146 100
148 65.6 50.6 75.8
75 39.1 31.4 47.2

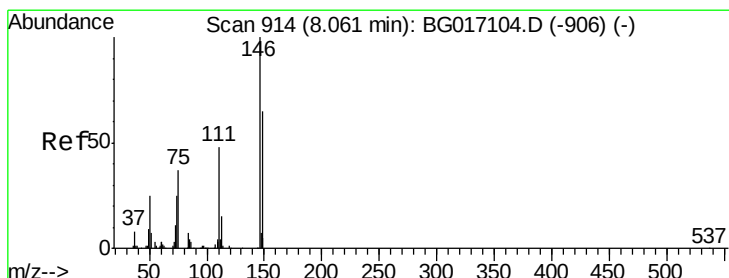
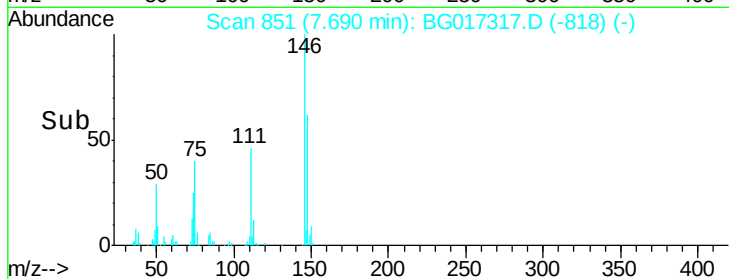
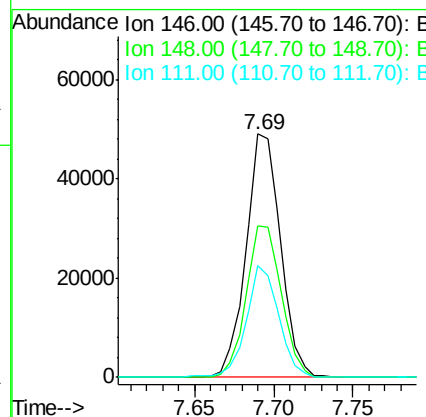
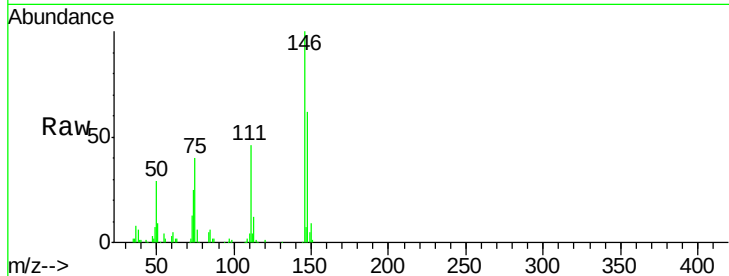




#13
 1,4-Dichlorobenzene
 Concen: 43.25 ng
 RT: 7.69 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

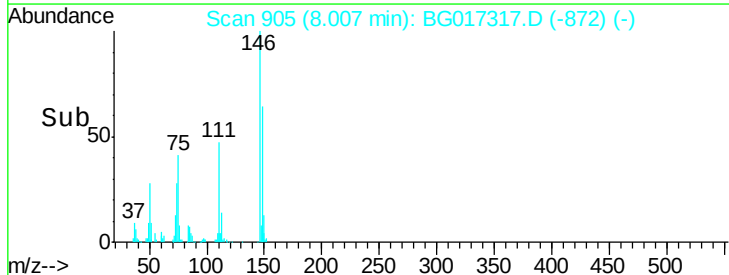
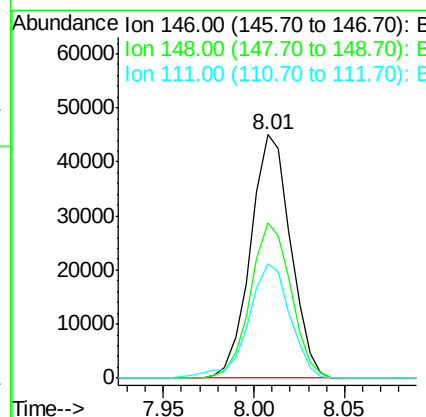
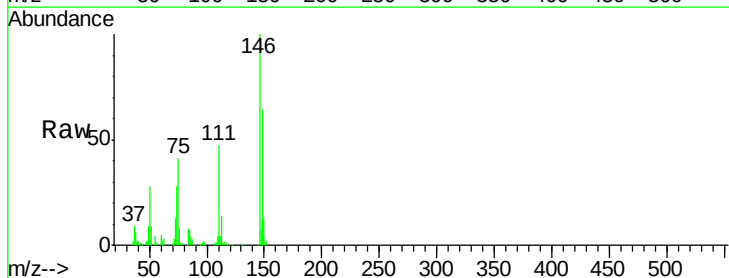
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

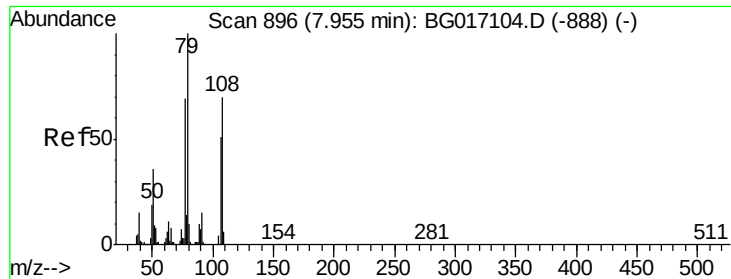
Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	53.9	80.9
111	45.7	37.9	56.9



#14
 1,2-Dichlorobenzene
 Concen: 42.30 ng
 RT: 8.01 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.3	78.5
111	47.1	39.0	58.4





#15

Benzyl Alcohol

Concen: 44.96 ng

RT: 7.91 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

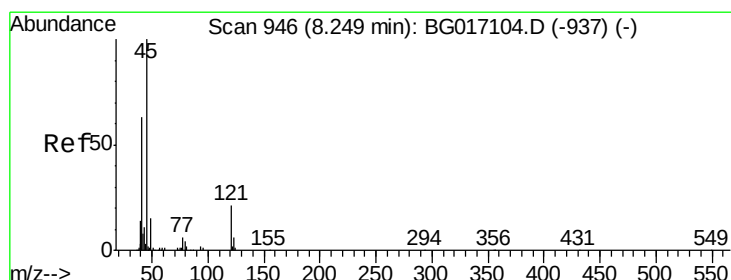
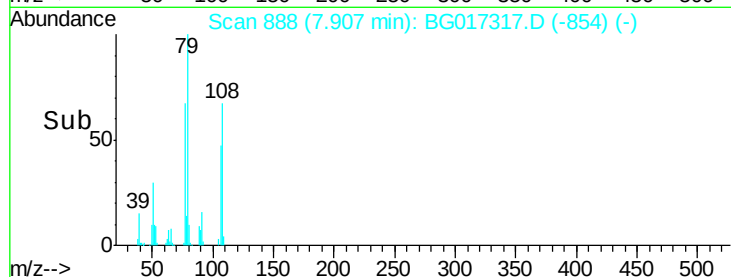
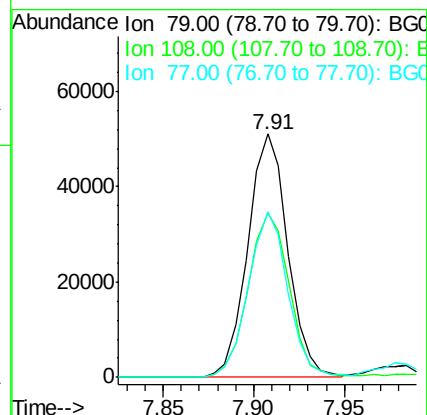
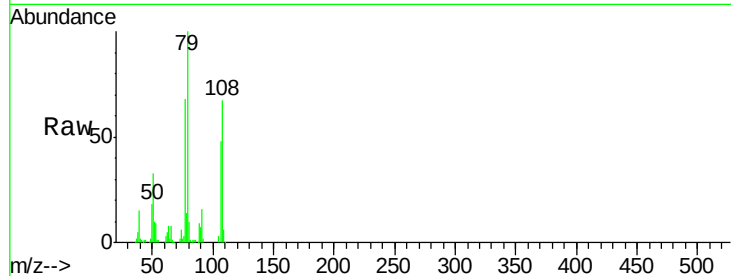
Tgt Ion: 79 Resp: 77922

Ion Ratio Lower Upper

79 100

108 67.4 55.8 83.6

77 67.9 55.4 83.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.07 ng

RT: 8.20 min Scan# 938

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

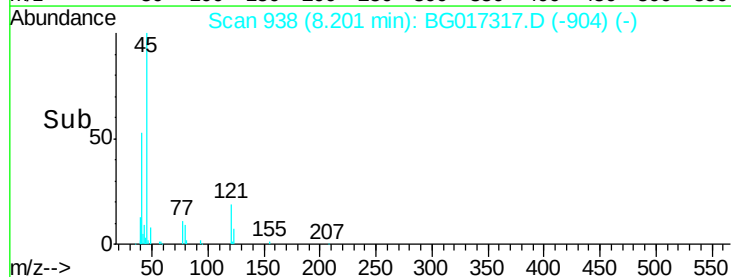
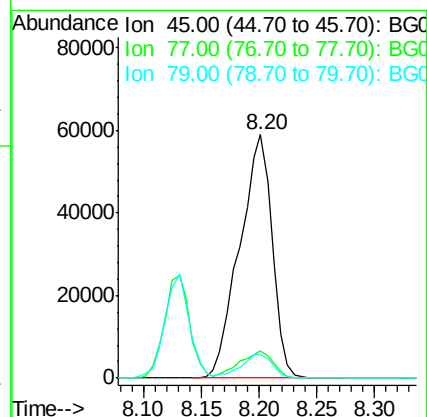
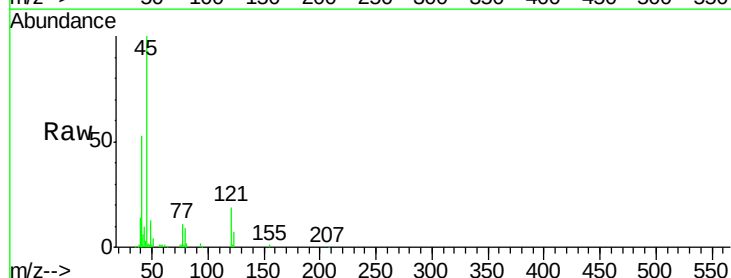
Tgt Ion: 45 Resp: 115156

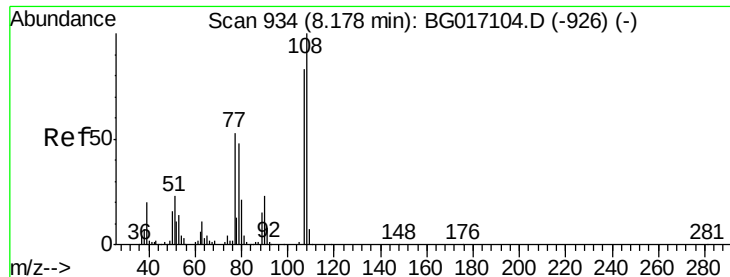
Ion Ratio Lower Upper

45 100

77 11.3 0.0 32.5

79 9.4 0.0 29.4

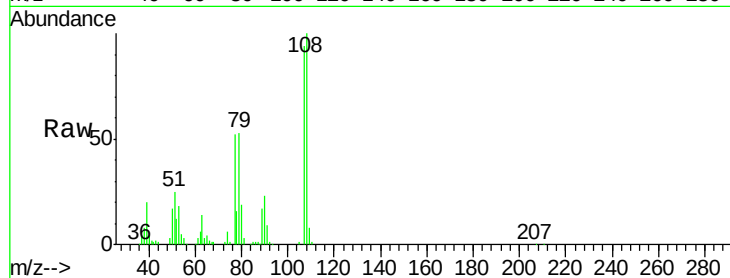




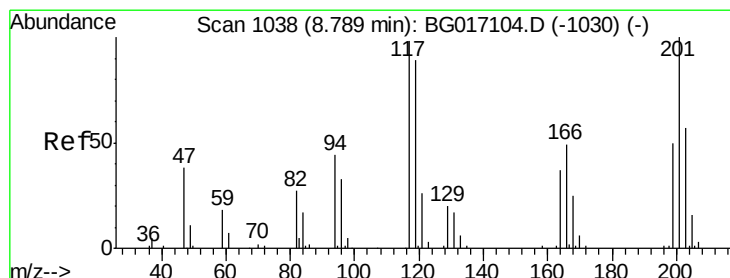
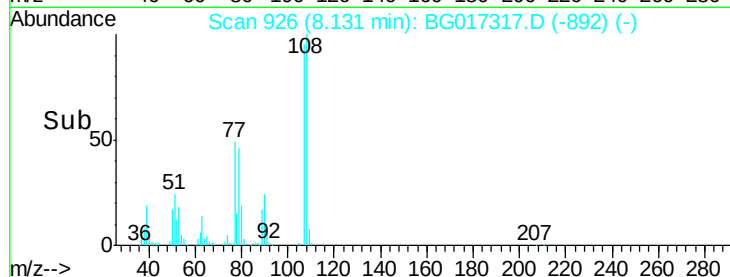
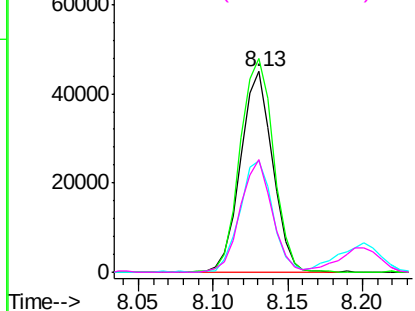
#17
2-Methylphenol
Concen: 48.79 ng
RT: 8.13 min Scan# 926
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

Tgt Ion:	107	Resp:	66922
Ion	Ratio	Lower	Upper
107	100		
108	106.6	96.6	144.8
77	55.4	51.2	76.8
79	56.1	45.9	68.9

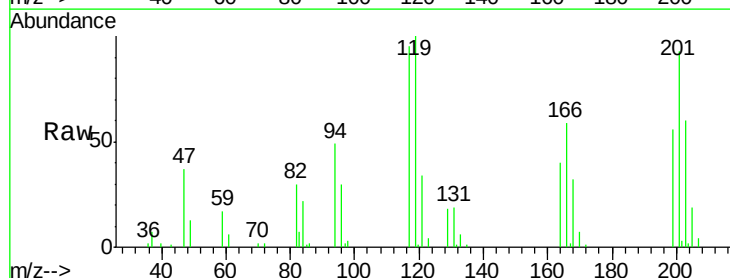


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

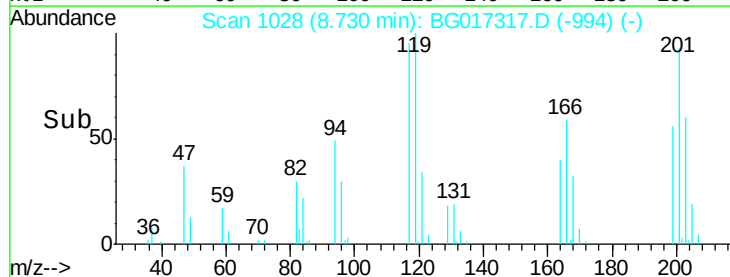
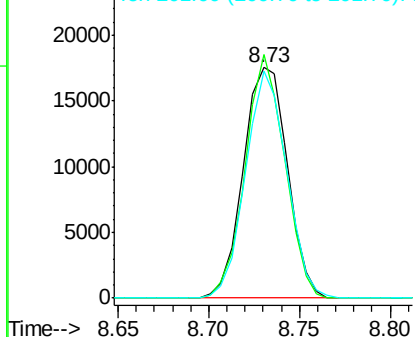


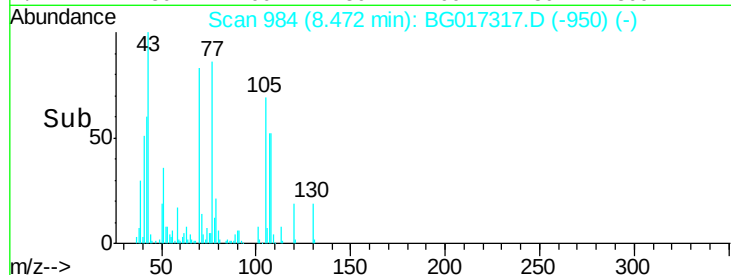
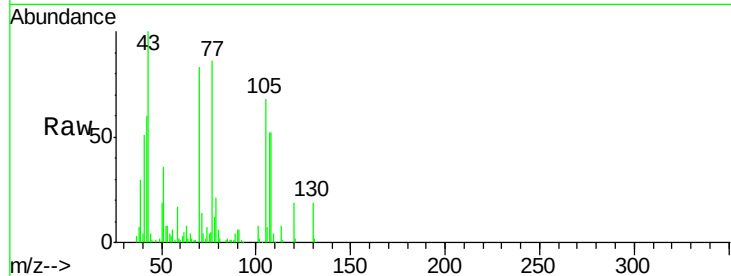
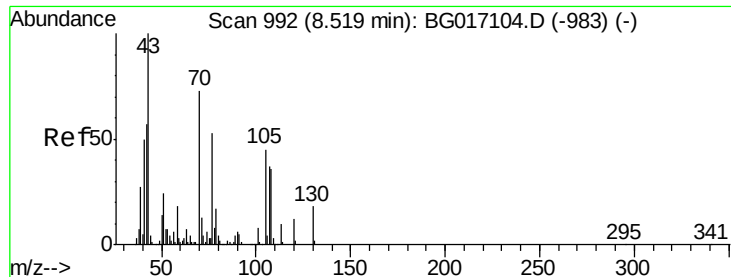
#18
Hexachloroethane
Concen: 41.46 ng
RT: 8.73 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:	117	Resp:	29687
Ion	Ratio	Lower	Upper
117	100		
119	105.7	73.0	109.6
201	98.6	81.7	122.5



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

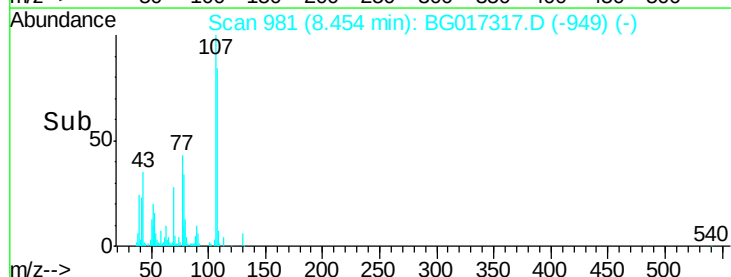
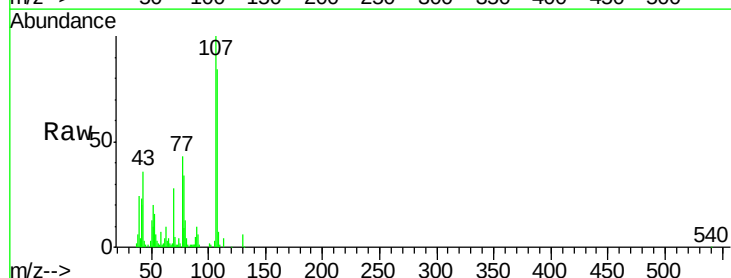
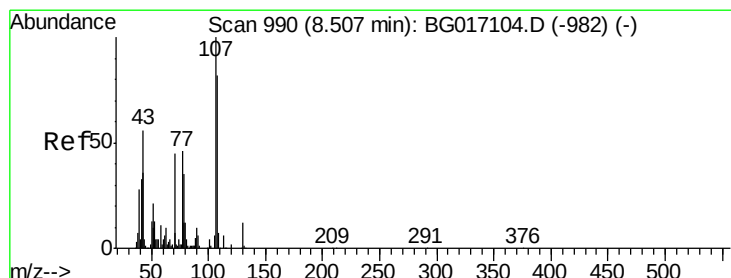
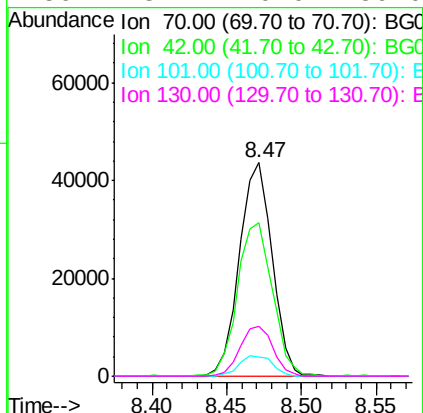




#19
n-Nitroso-di-n-propylamine
Concen: 42.78 ng
RT: 8.47 min Scan# 984
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

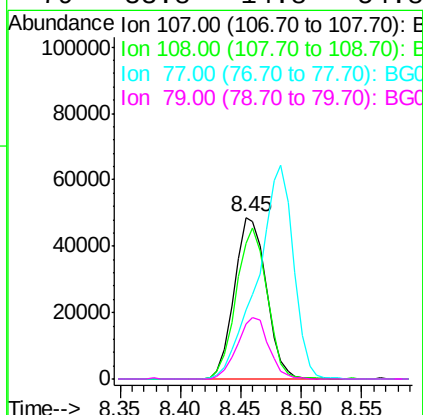
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

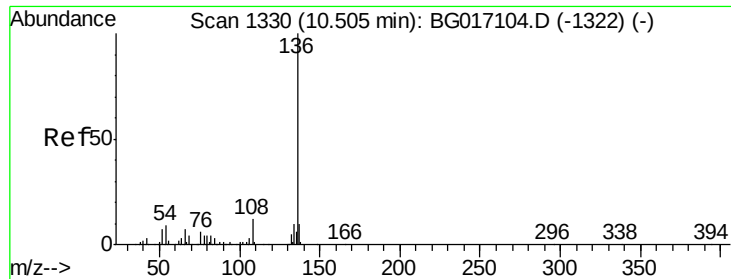
Tgt Ion:	70	Resp:	66483
Ion	Ratio	Lower	Upper
70	100		
42	72.1	62.6	94.0
101	9.2	9.0	13.4
130	23.1	20.0	30.0



#20
3+4-Methylphenols
Concen: 47.18 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:	107	Resp:	89937
Ion	Ratio	Lower	Upper
107	100		
108	84.4	62.2	102.2
77	42.5	26.0	66.0
79	33.8	14.8	54.8

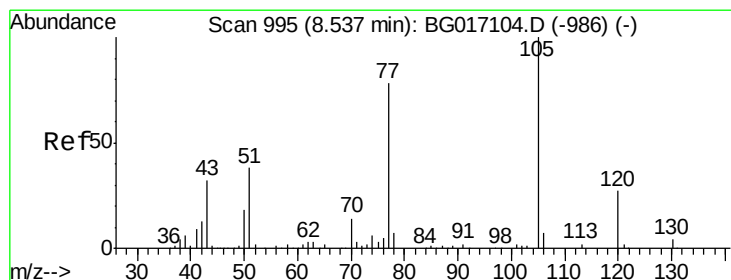
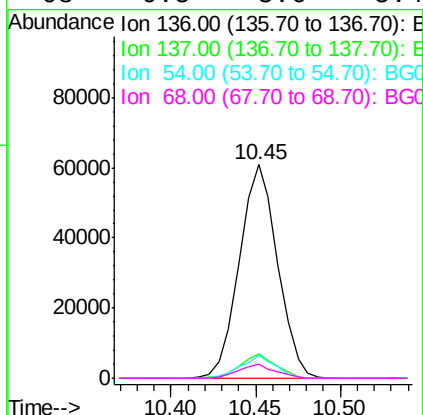
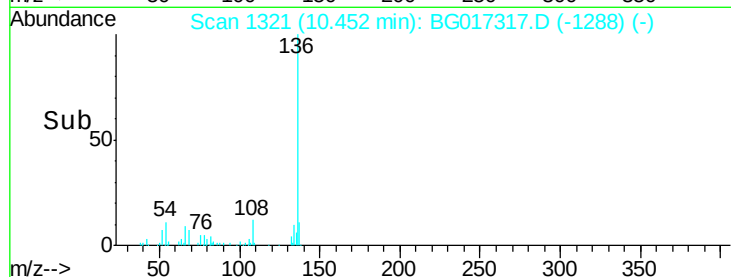
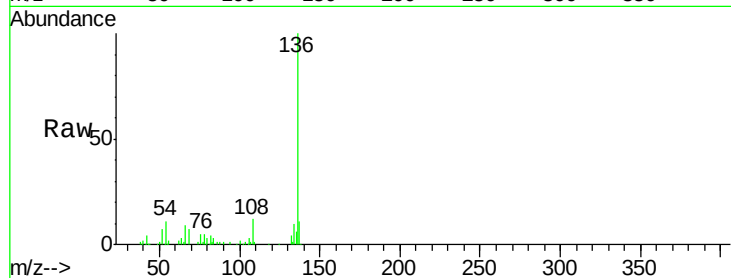




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

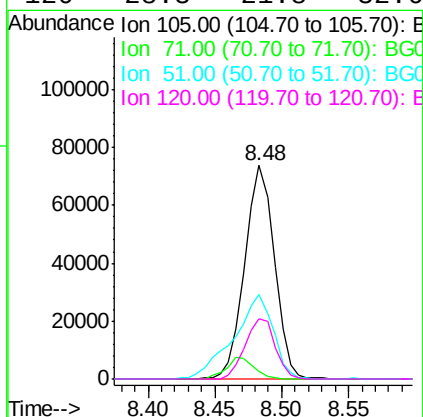
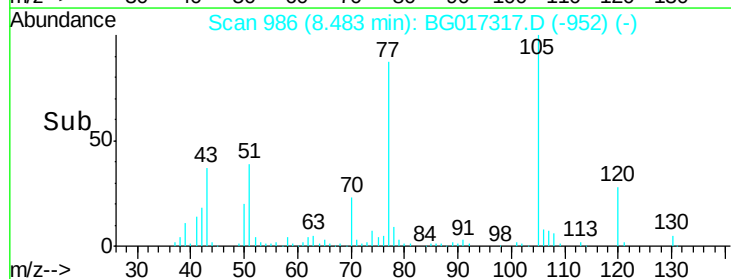
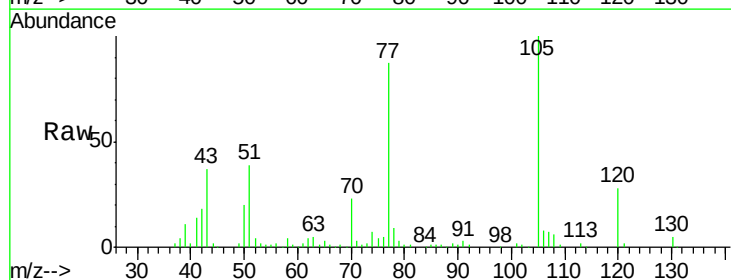
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

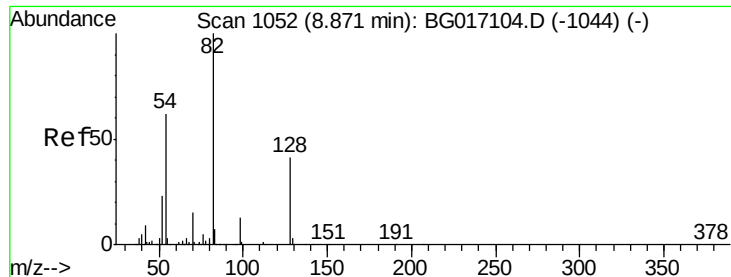
Tgt Ion:	136	Resp:	95359
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.3	12.5
54	11.0	7.4	11.2
68	6.5	3.6	5.4#



#22
Acetophenone
Concen: 48.88 ng
RT: 8.48 min Scan# 986
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:	105	Resp:	113129
Ion	Ratio	Lower	Upper
105	100		
71	3.4	2.2	3.4#
51	39.3	32.8	49.2
120	28.3	21.8	32.6

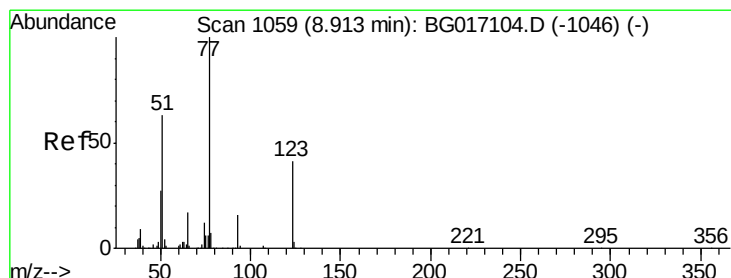
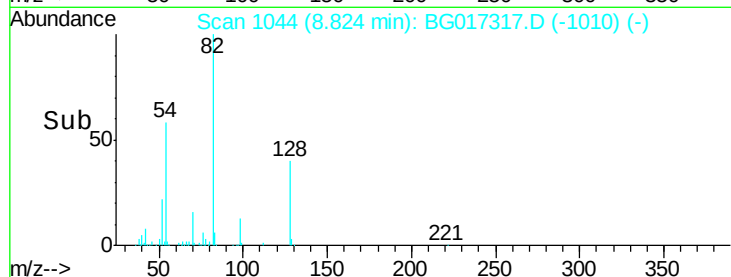
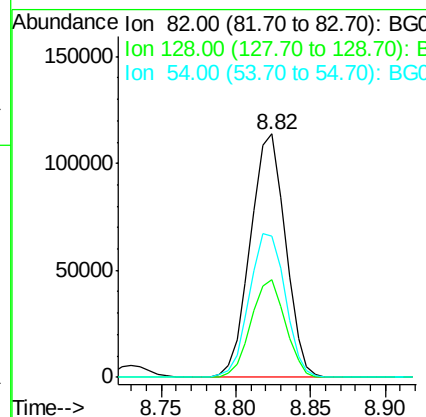
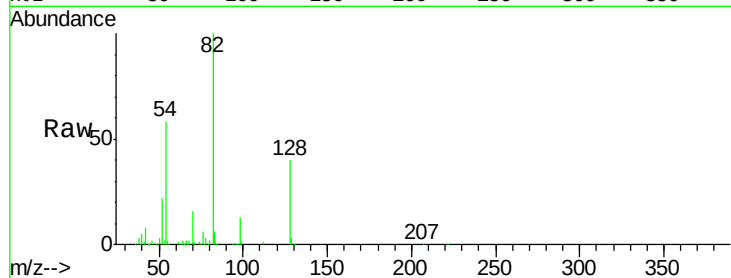




#23
 Nitrobenzene-d5
 Concen: 90.66 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

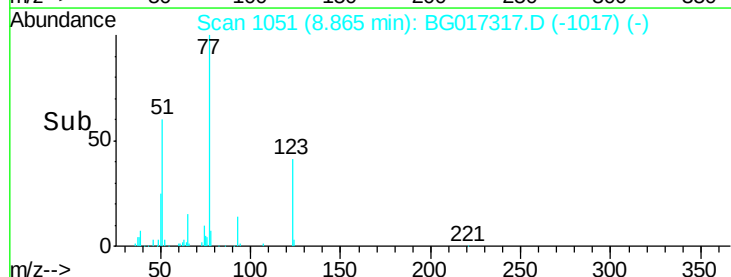
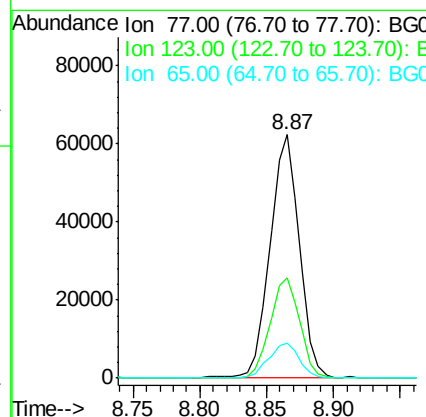
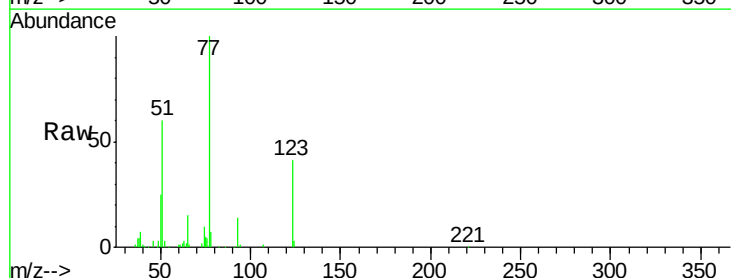
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

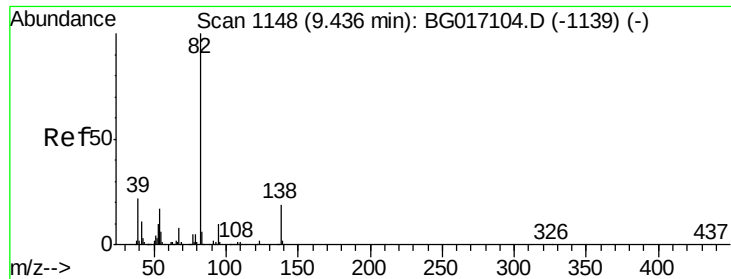
Tgt Ion: 82 Resp: 185183
 Ion Ratio Lower Upper
 82 100
 128 40.0 32.6 49.0
 54 57.8 49.6 74.4



#24
 Nitrobenzene
 Concen: 47.59 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion: 77 Resp: 95105
 Ion Ratio Lower Upper
 77 100
 123 41.0 33.0 49.4
 65 14.6 13.3 19.9





#25

Isophorone

Concen: 46.38 ng

RT: 9.38 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

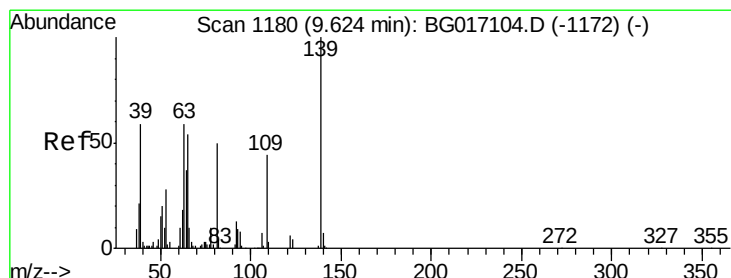
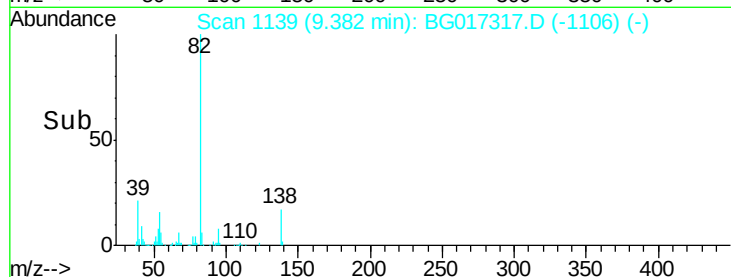
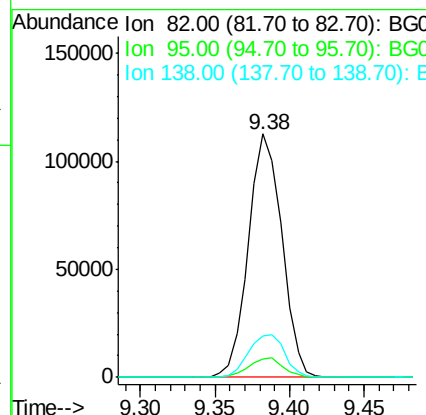
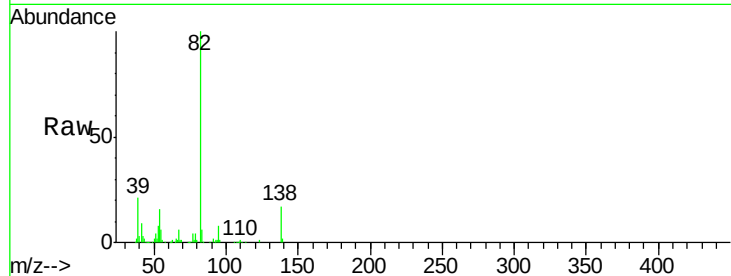
Tgt Ion: 82 Resp: 174588

Ion Ratio Lower Upper

82 100

95 7.7 7.7 11.5

138 17.1 15.0 22.6



#26

2-Nitrophenol

Concen: 47.35 ng

RT: 9.57 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

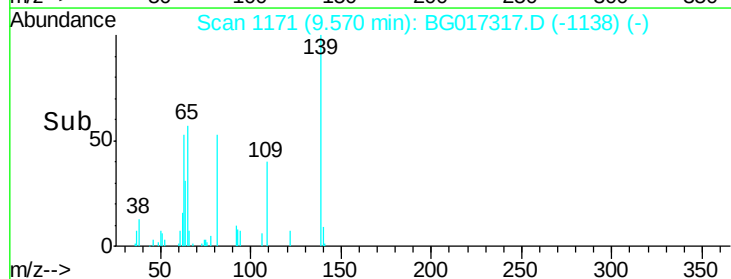
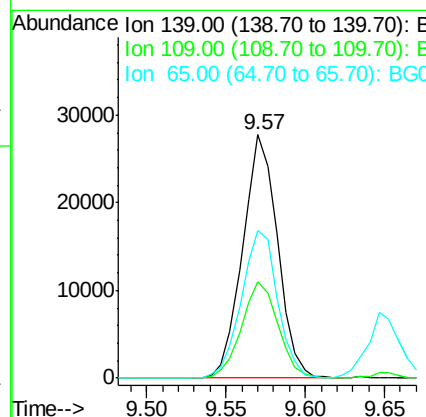
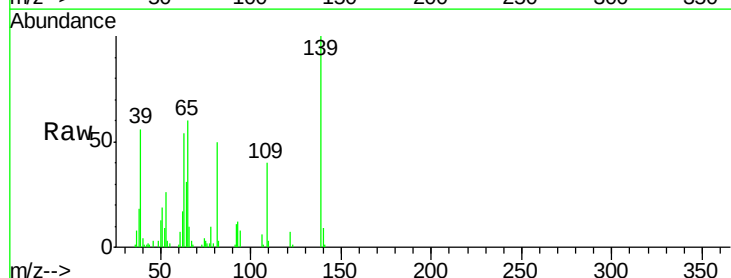
Tgt Ion: 139 Resp: 42303

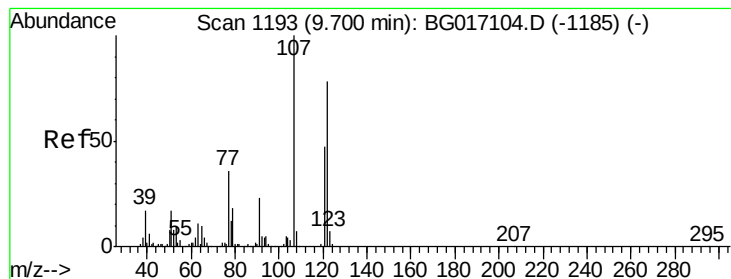
Ion Ratio Lower Upper

139 100

109 39.8 34.9 52.3

65 60.4 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 51.36 ng

RT: 9.65 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

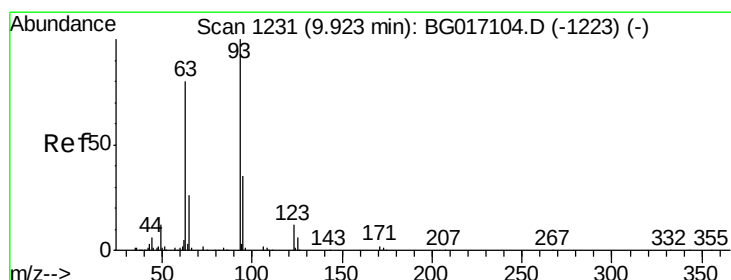
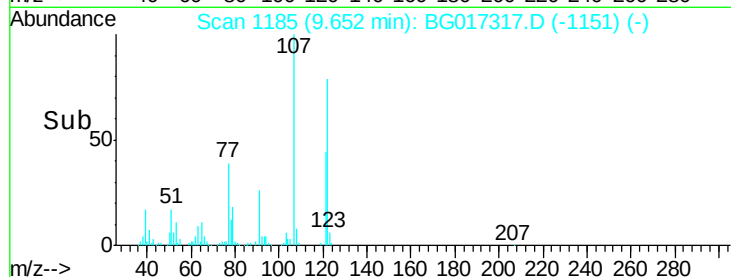
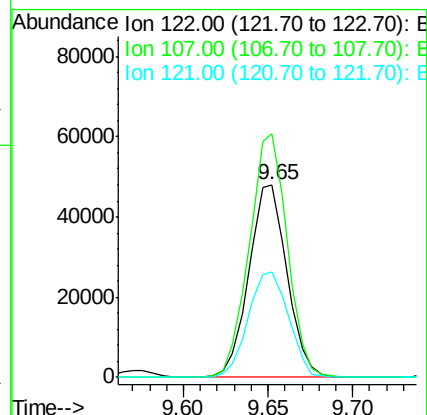
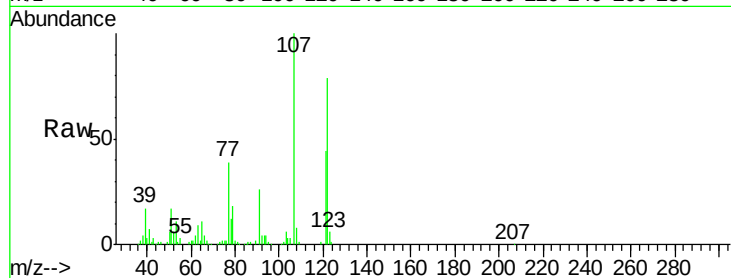
Tgt Ion:122 Resp: 75518

Ion Ratio Lower Upper

122 100

107 126.3 102.3 153.5

121 54.9 48.7 73.1



#28

bis(2-Chloroethoxy)methane

Concen: 49.37 ng

RT: 9.88 min Scan# 1223

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

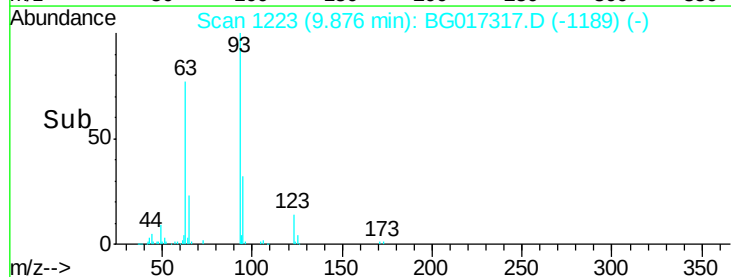
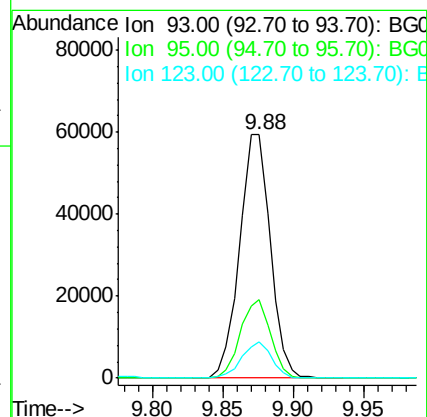
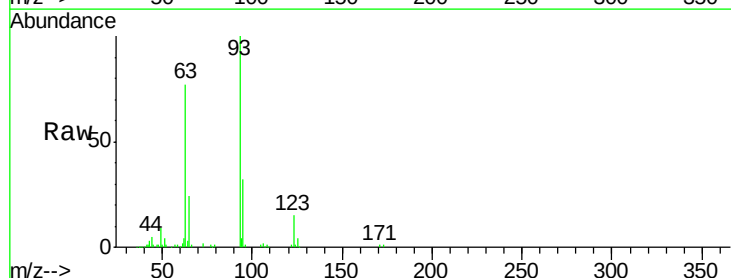
Tgt Ion: 93 Resp: 90495

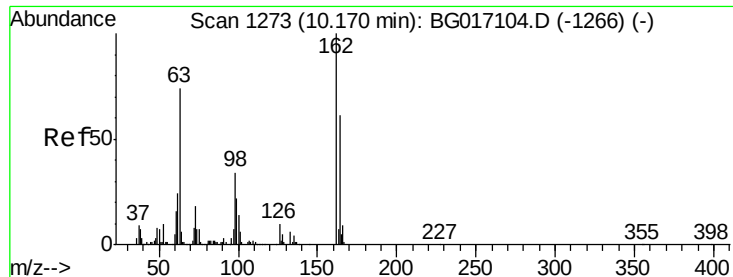
Ion Ratio Lower Upper

93 100

95 32.2 28.0 42.0

123 14.8 10.3 15.5

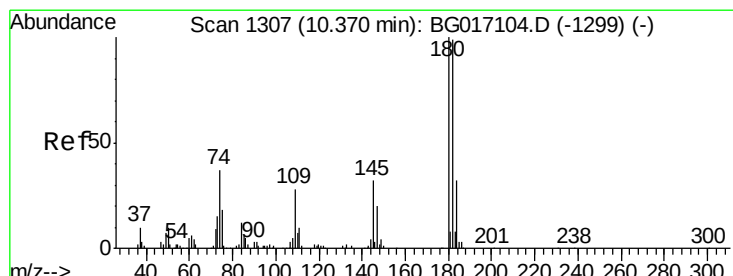
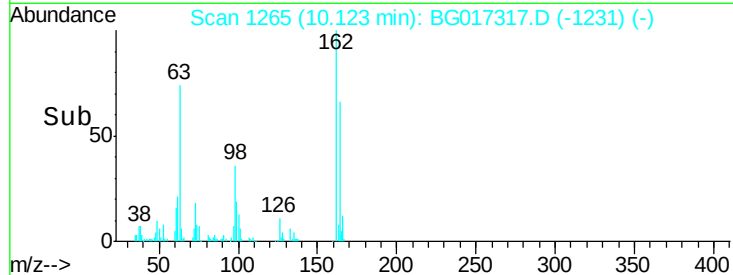
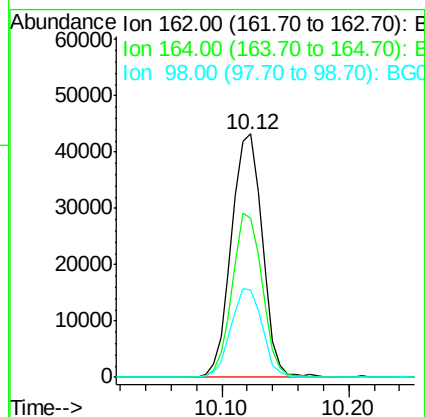
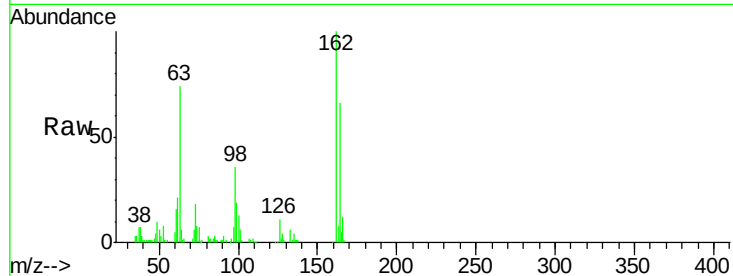




#29
 2,4-Dichlorophenol
 Concen: 52.53 ng
 RT: 10.12 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

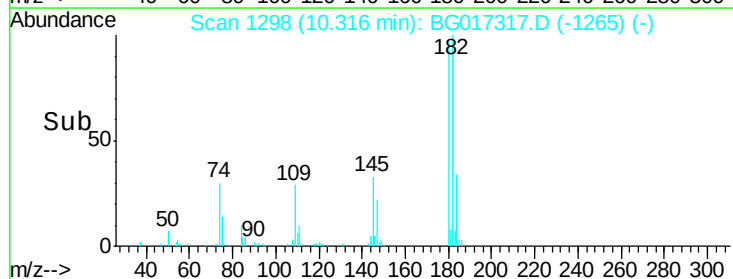
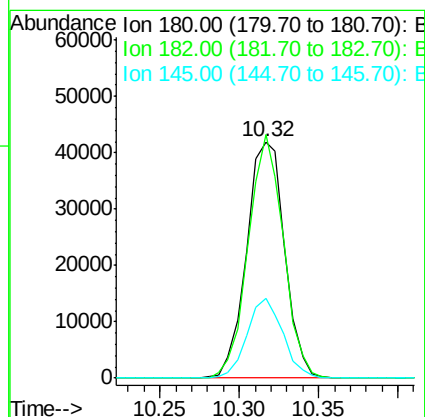
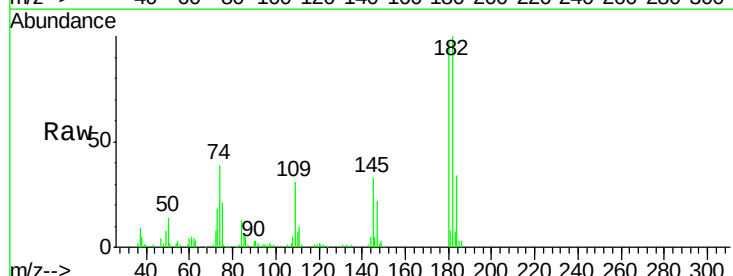
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

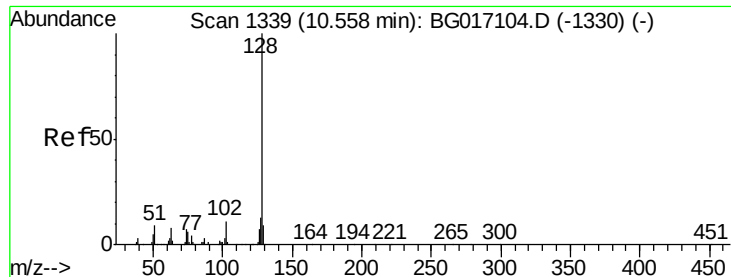
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	41.4	81.4
98	35.8	14.3	54.3



#30
 1,2,4-Trichlorobenzene
 Concen: 44.35 ng
 RT: 10.32 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	102.9	79.4	119.0
145	33.7	25.3	37.9

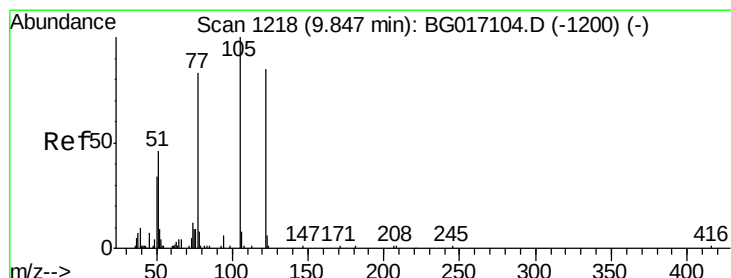
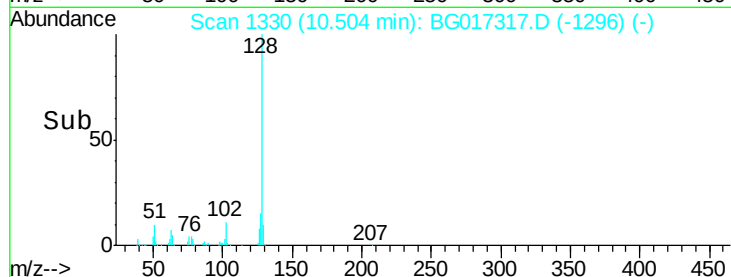
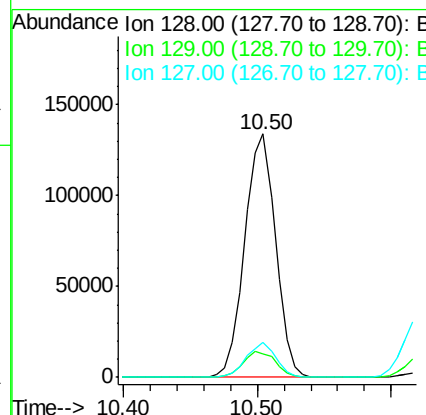
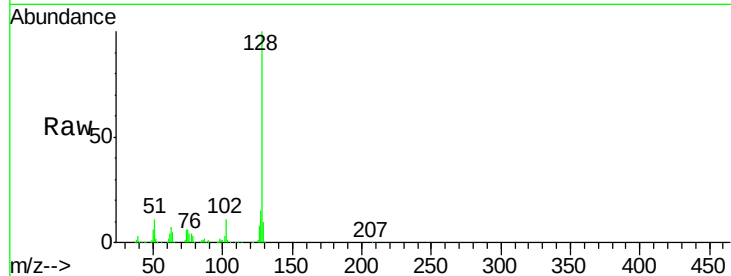




#31
Naphthalene
Concen: 45.63 ng
RT: 10.50 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

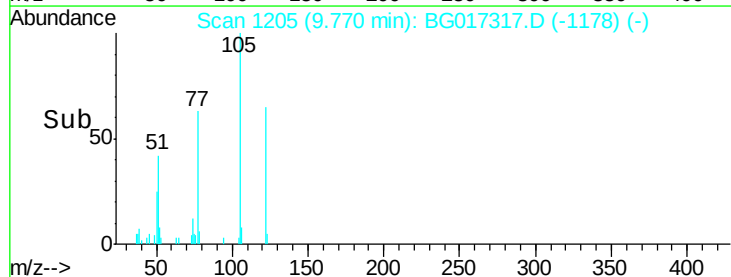
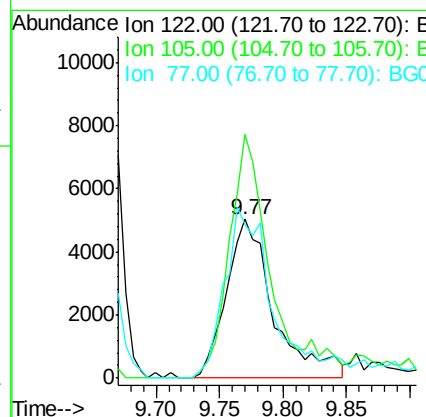
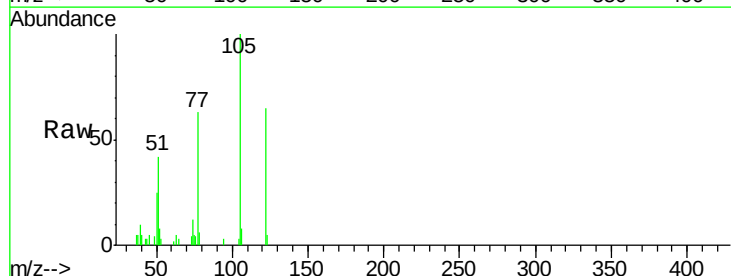
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

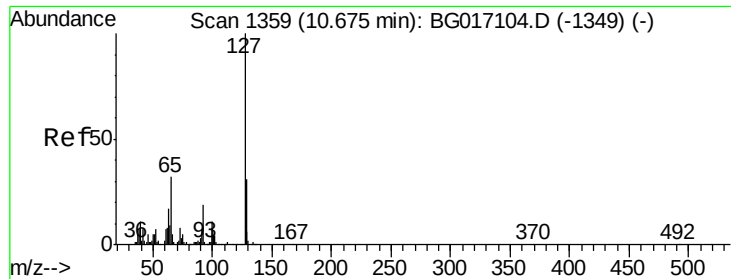
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.7	7.6	11.4
127	14.6	10.6	16.0



#32
Benzoic acid
Concen: 13.07 ng
RT: 9.77 min Scan# 1205
Delta R.T. -0.04 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
122	100		
105	153.3	96.7	136.7#
77	97.3	78.5	118.5

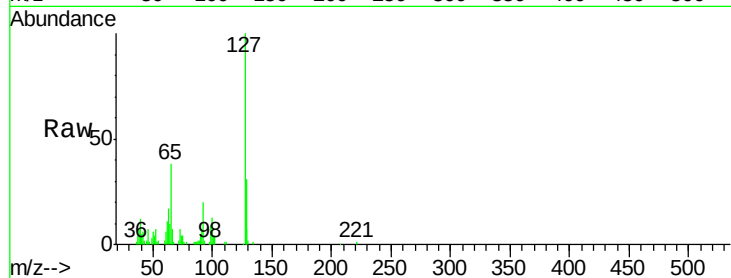




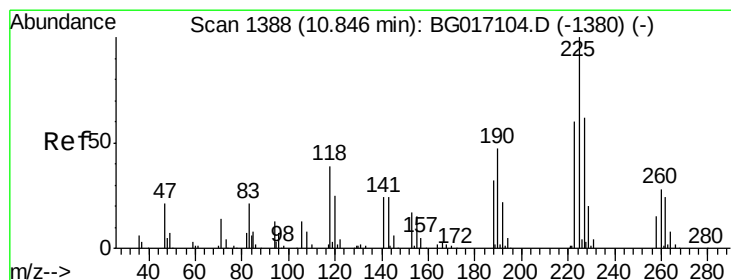
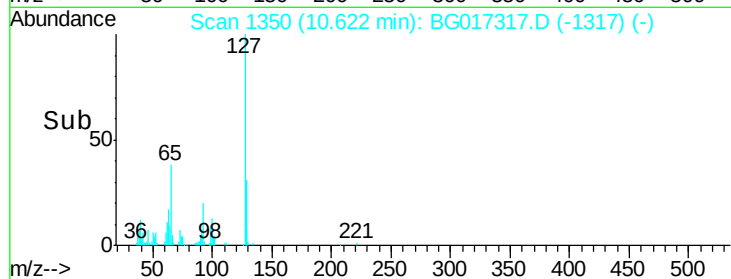
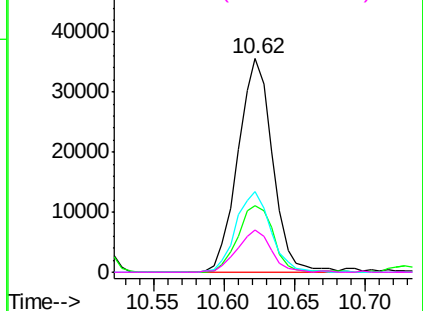
#33
4-Chloroaniline
Concen: 27.62 ng
RT: 10.62 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

Tgt Ion:	127	Resp:	60965
Ion	Ratio	Lower	Upper
127	100		
129	30.9	24.8	37.2
65	37.8	25.8	38.6
92	20.0	15.0	22.4

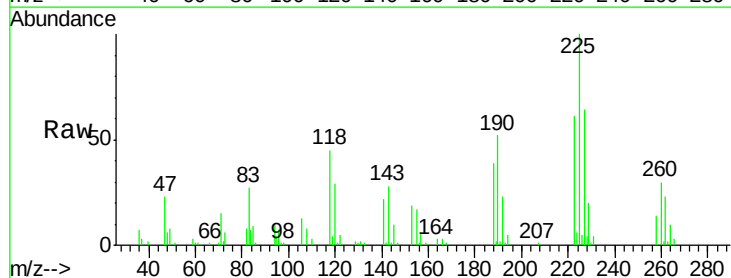


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

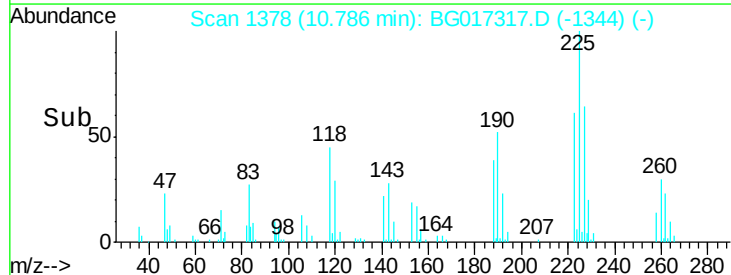
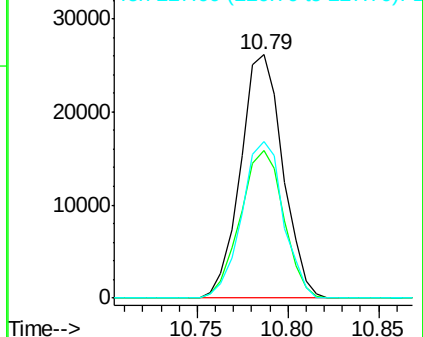


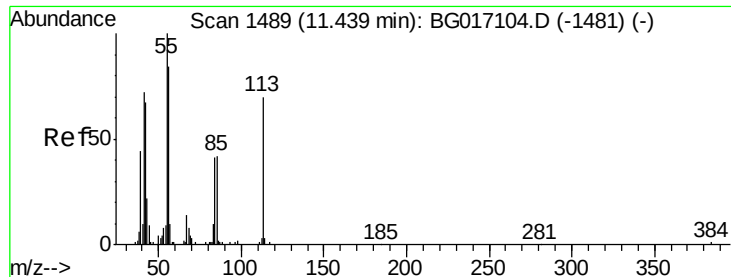
#34
Hexachlorobutadiene
Concen: 42.47 ng
RT: 10.79 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:	225	Resp:	42311
Ion	Ratio	Lower	Upper
225	100		
223	60.8	48.3	72.5
227	64.1	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: 33.09 ng

RT: 11.40 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

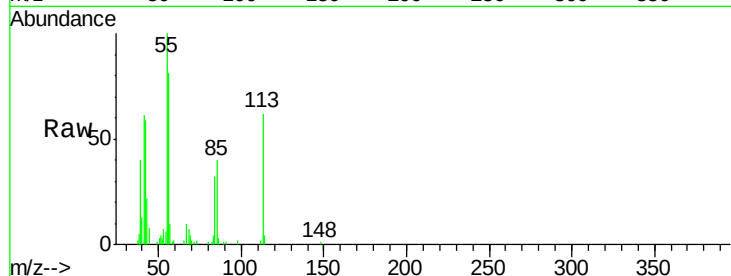
Tgt Ion:113 Resp: 23075

Ion Ratio Lower Upper

113 100

55 161.0 124.1 164.1

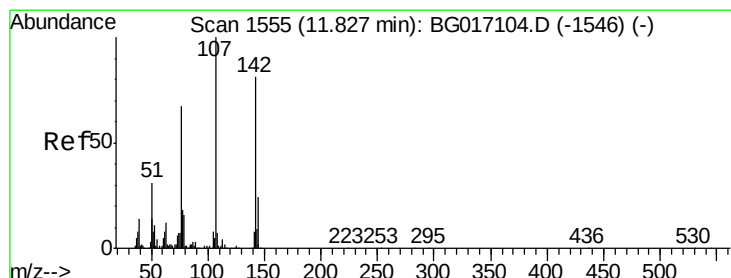
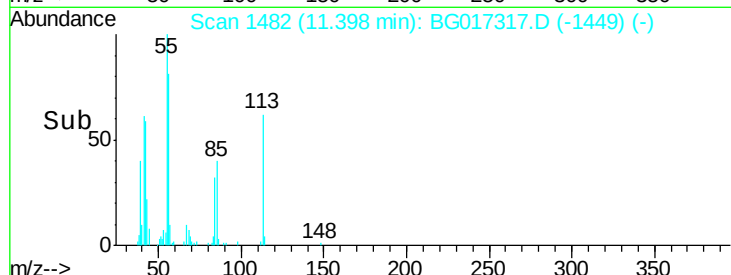
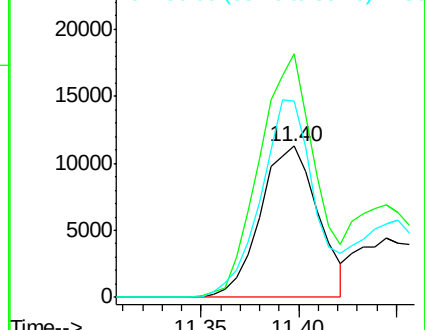
56 129.8 100.3 140.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 53.12 ng

RT: 11.78 min Scan# 1547

Delta R.T. 0.00 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

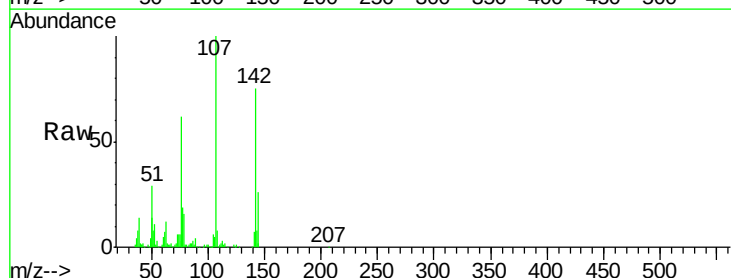
Tgt Ion:107 Resp: 93107

Ion Ratio Lower Upper

107 100

144 26.2 19.6 29.4

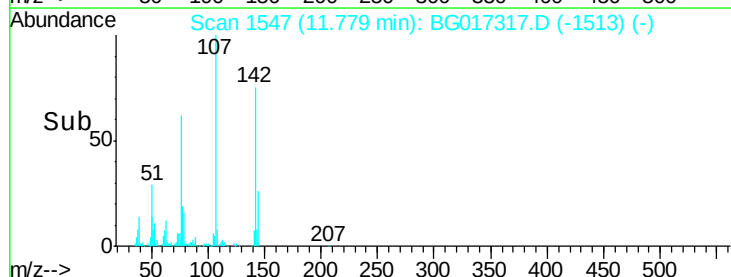
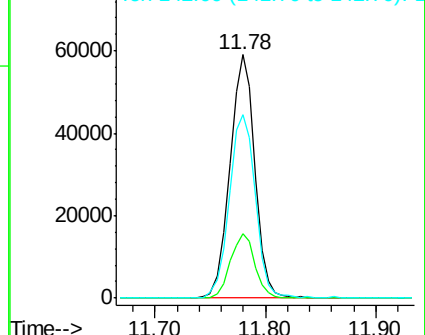
142 75.1 64.9 97.3

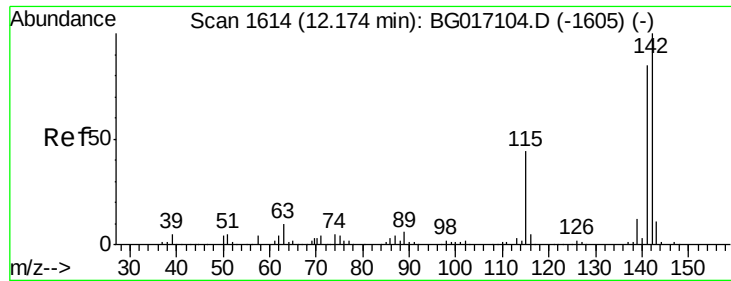


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

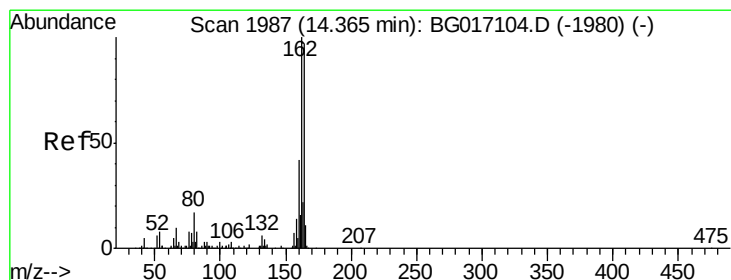
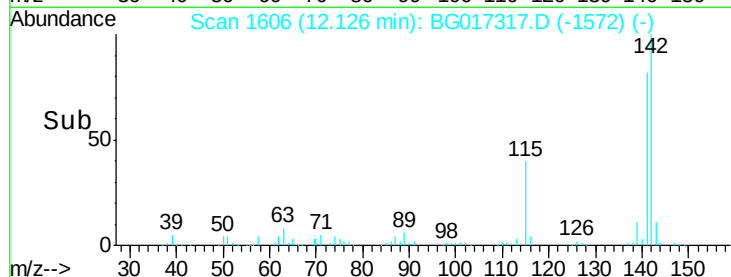
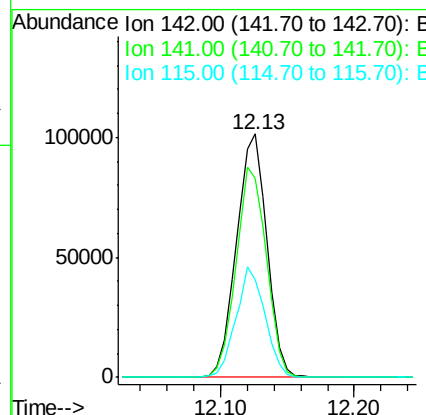
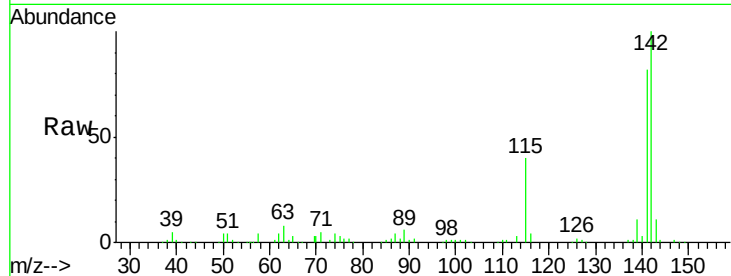




#37
 2-Methylnaphthalene
 Concen: 43.41 ng
 RT: 12.13 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

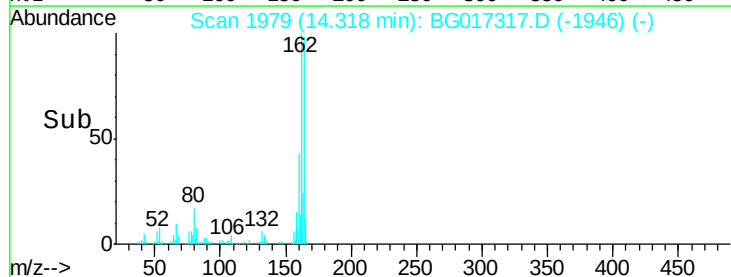
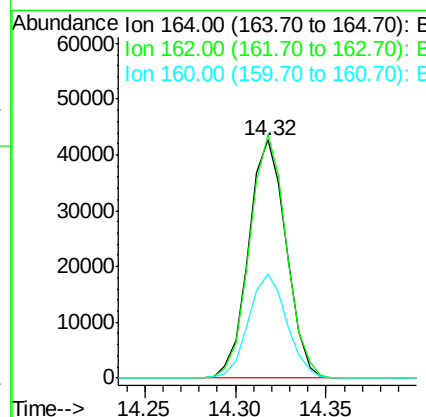
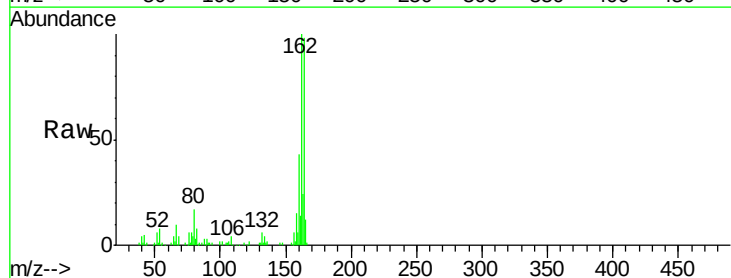
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

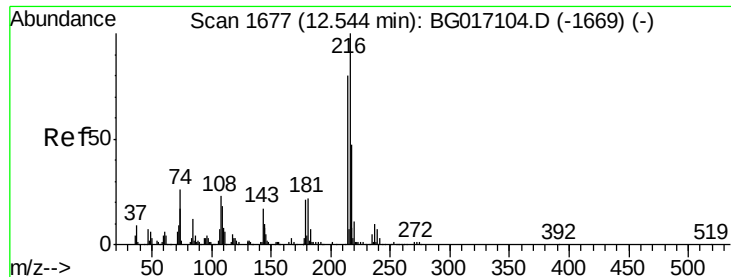
Tgt Ion:142 Resp: 160655
 Ion Ratio Lower Upper
 142 100
 141 81.9 68.2 102.2
 115 40.3 35.6 53.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.32 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion:164 Resp: 61669
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.1 123.1
 160 43.6 34.8 52.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.29 ng

RT: 12.50 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

Tgt Ion: 216 Resp: 77283

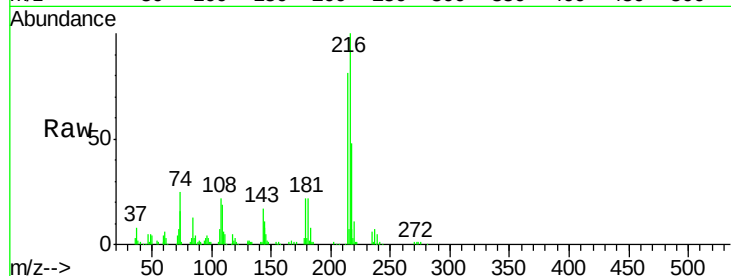
Ion Ratio Lower Upper

216 100

214 80.3 63.3 94.9

179 21.9 17.8 26.8

108 26.7 19.9 29.9

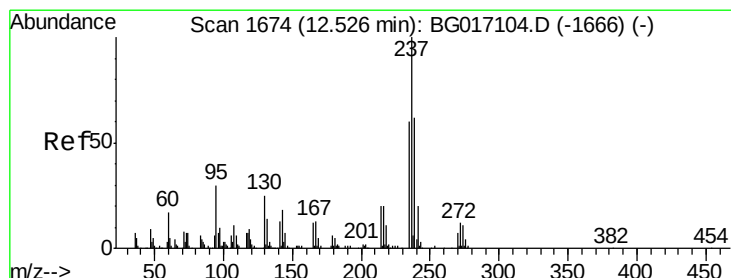
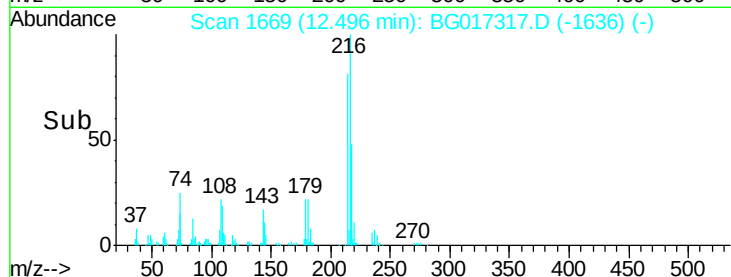
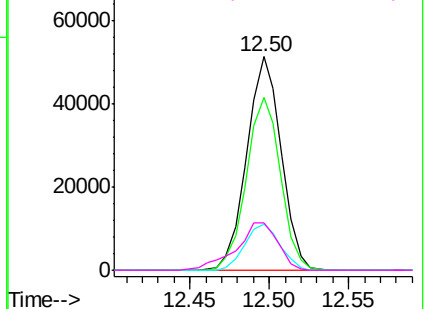


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.15 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

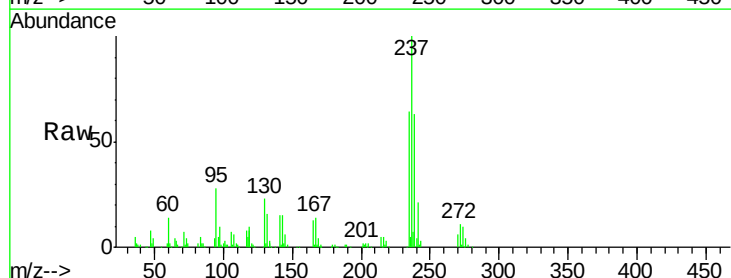
Tgt Ion: 237 Resp: 89560

Ion Ratio Lower Upper

237 100

235 64.0 39.7 79.7

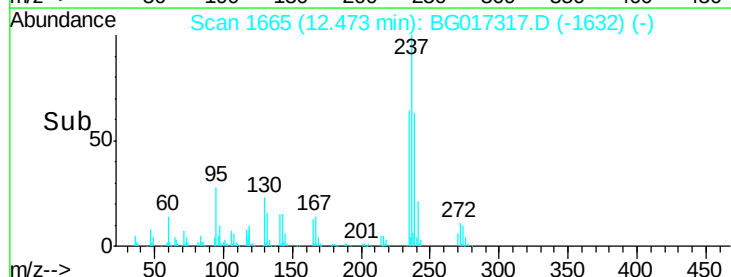
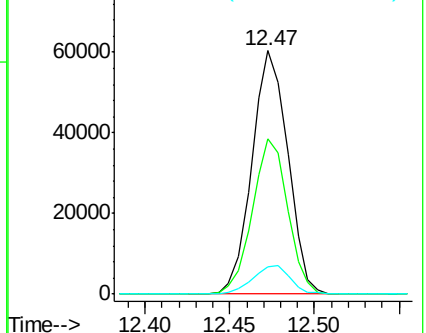
272 11.3 0.0 32.1

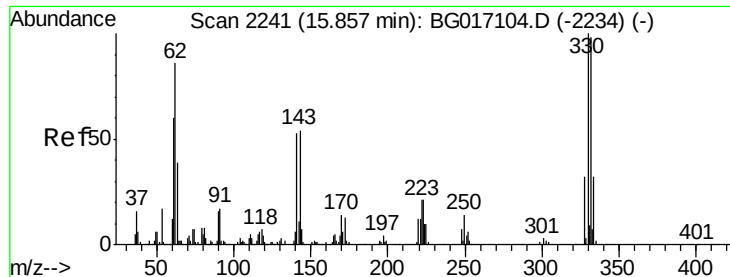


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

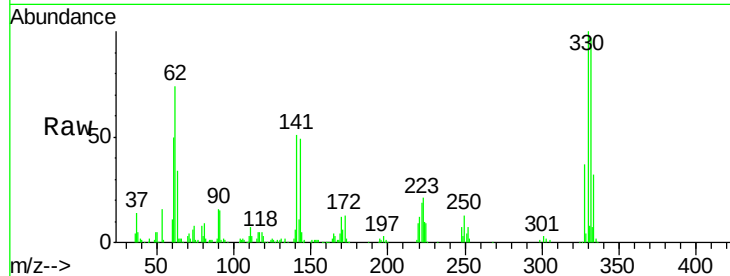




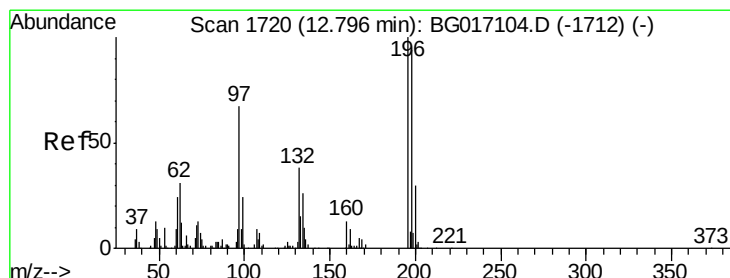
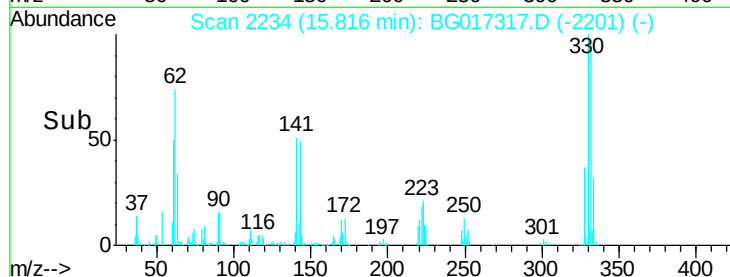
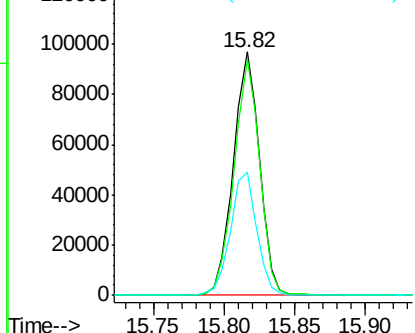
#41
 2,4,6-Tribromophenol
 Concen: 168.23 ng
 RT: 15.82 min Scan# 2234
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

Tgt Ion: 330 Resp: 125411
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.9 115.3
 141 50.5 42.2 63.2

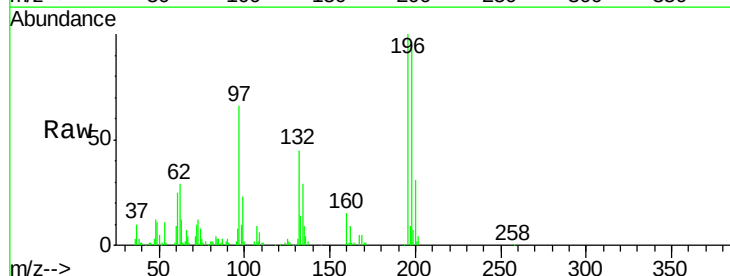


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

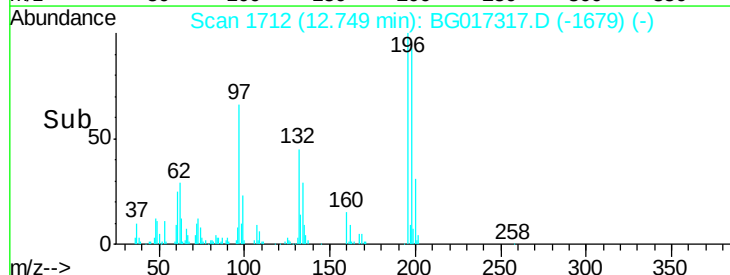
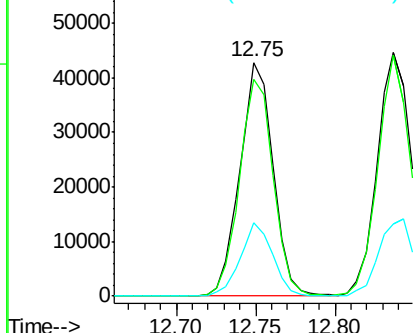


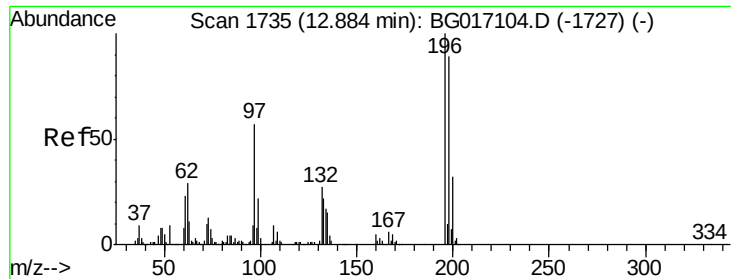
#42
 2,4,6-Trichlorophenol
 Concen: 50.33 ng
 RT: 12.75 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion: 196 Resp: 62287
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.9 112.3
 200 31.4 24.2 36.2



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

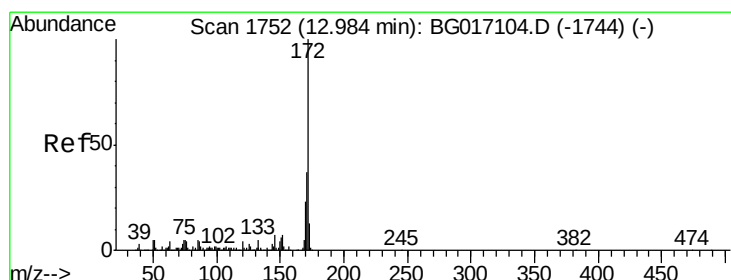
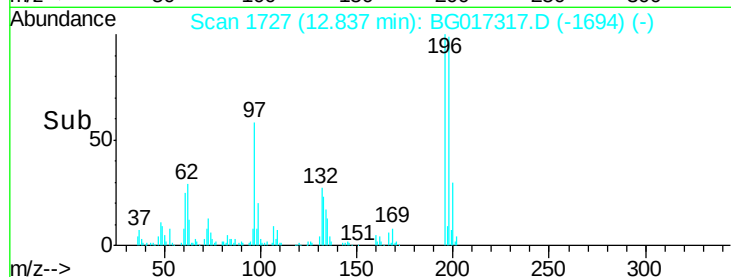
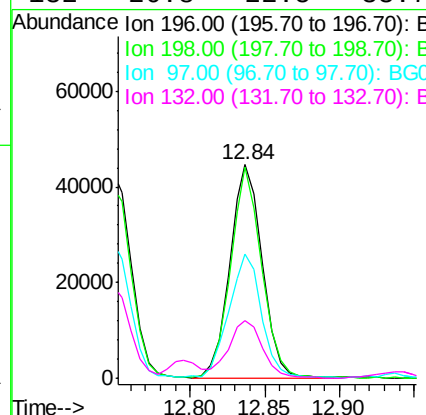
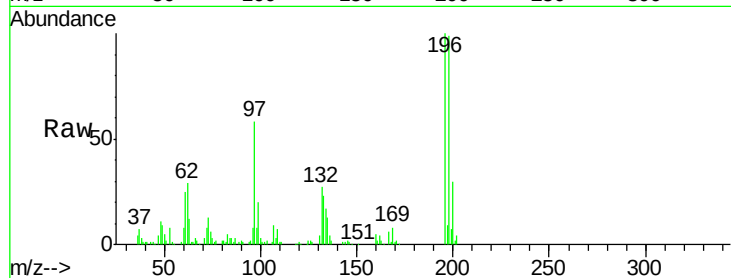




#43
 2,4,5-Trichlorophenol
 Concen: 53.21 ng
 RT: 12.84 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

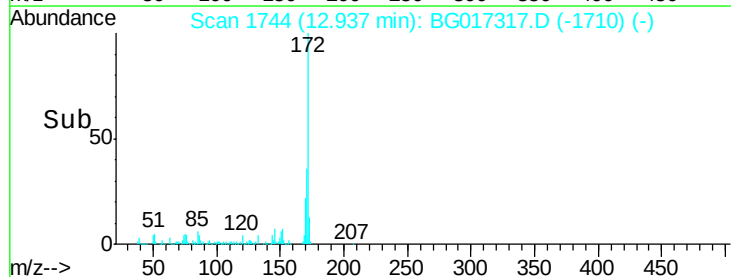
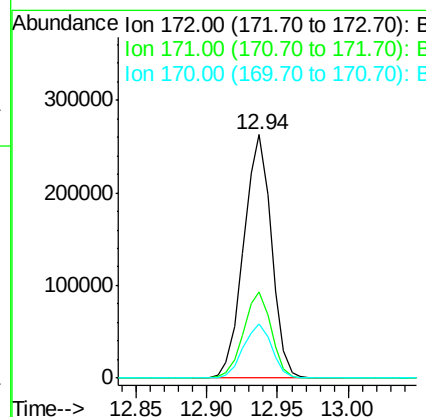
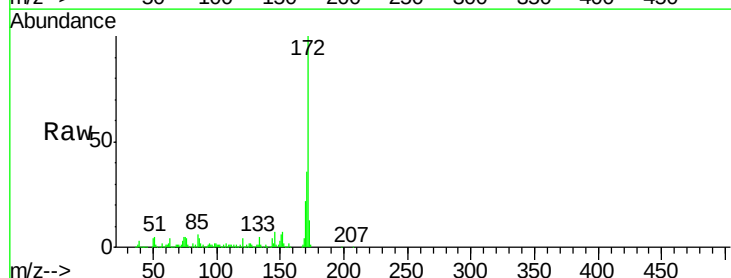
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

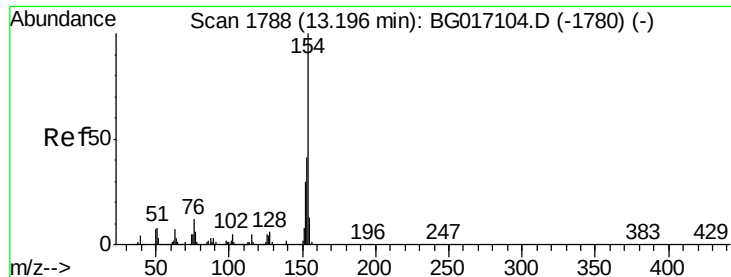
Tgt Ion:	196	Resp:	67860
Ion	Ratio	Lower	Upper
196	100		
198	99.0	71.4	107.0
97	57.9	45.4	68.0
132	26.8	22.5	33.7



#44
 2-Fluorobiphenyl
 Concen: 85.92 ng
 RT: 12.94 min Scan# 1744
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion:	172	Resp:	361092
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	22.3	18.4	27.6

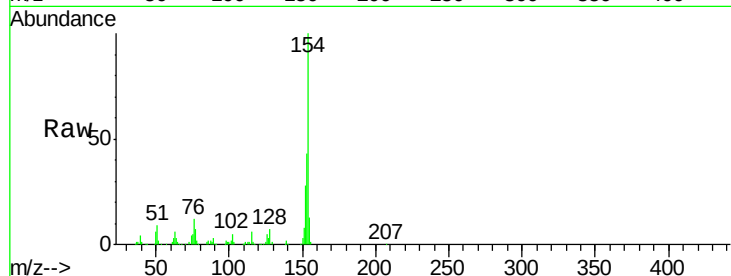




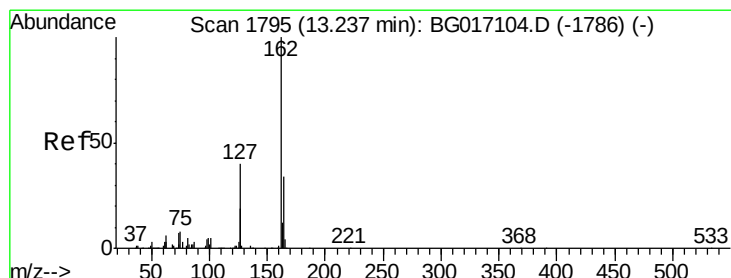
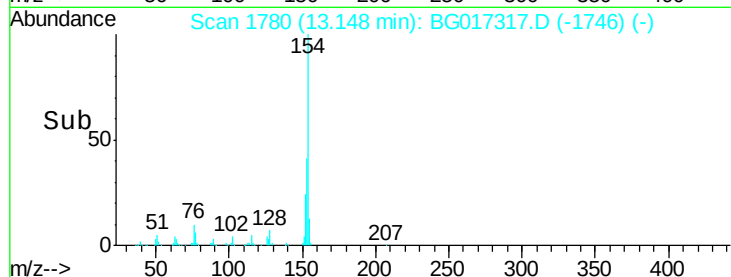
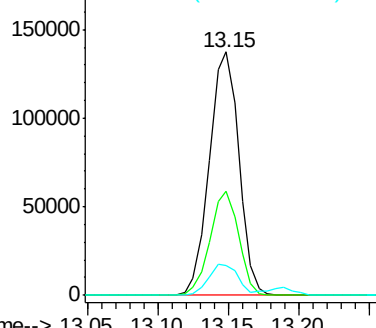
#45
 1,1'-Biphenyl
 Concen: 45.33 ng
 RT: 13.15 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

Tgt Ion:	154	Resp:	201362
Ion	Ratio	Lower	Upper
154	100		
153	42.6	21.5	61.5
76	12.3	0.0	31.9

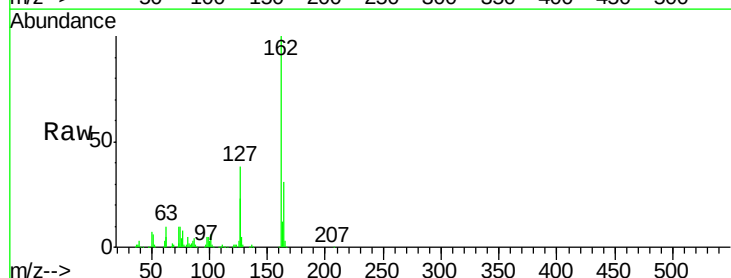


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

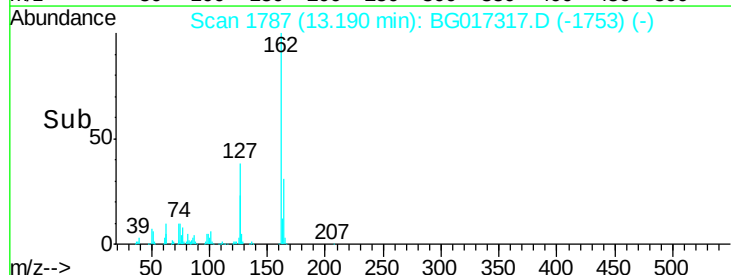
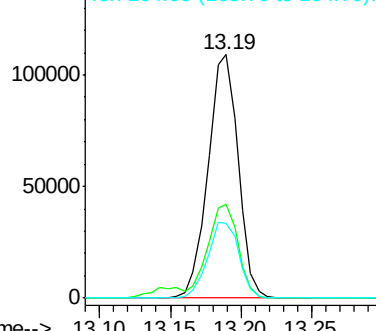


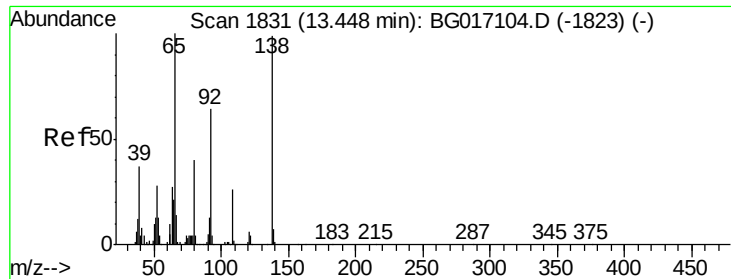
#46
 2-Chloronaphthalene
 Concen: 46.00 ng
 RT: 13.19 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion:	162	Resp:	161773
Ion	Ratio	Lower	Upper
162	100		
127	38.5	33.5	50.3
164	30.7	27.0	40.6



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

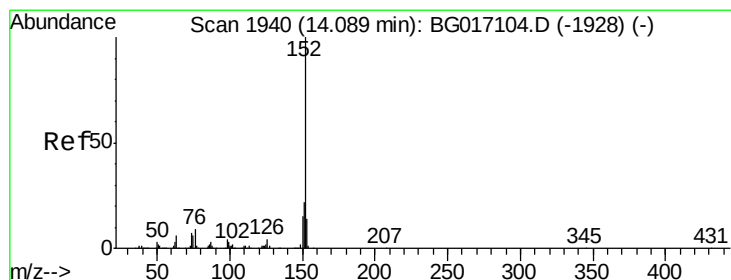
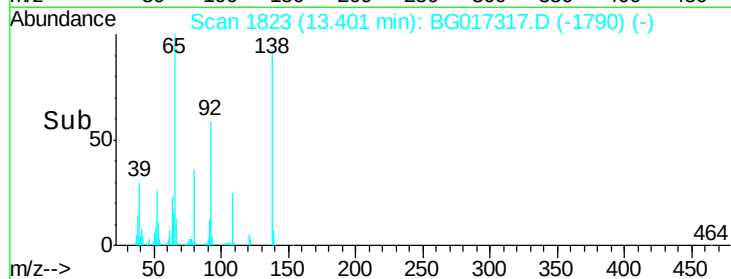
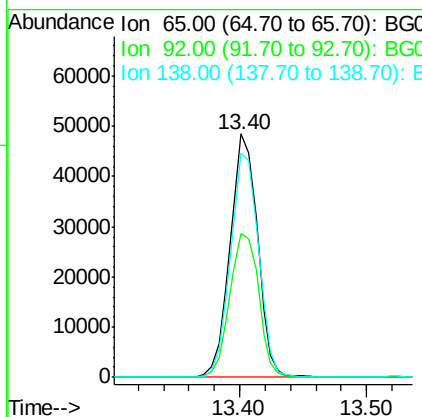
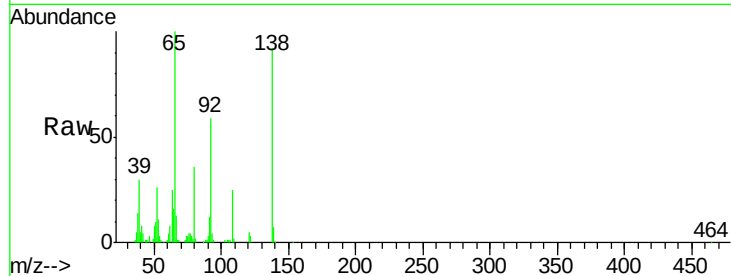




#47
2-Nitroaniline
Concen: 52.96 ng
RT: 13.40 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

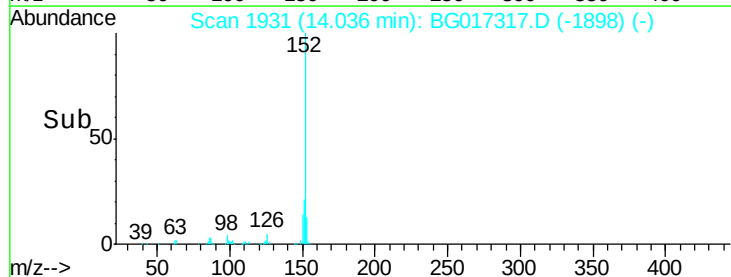
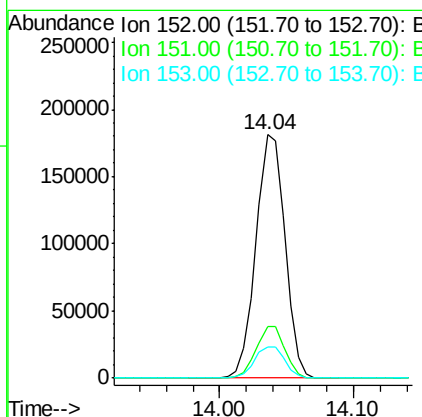
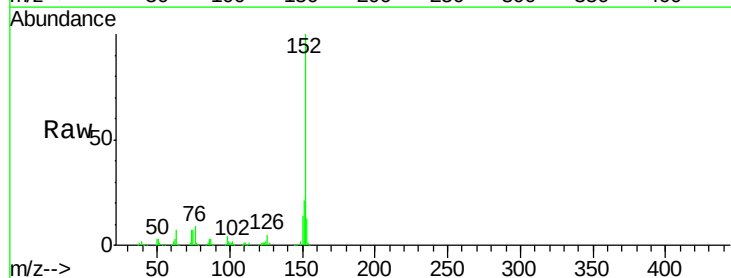
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

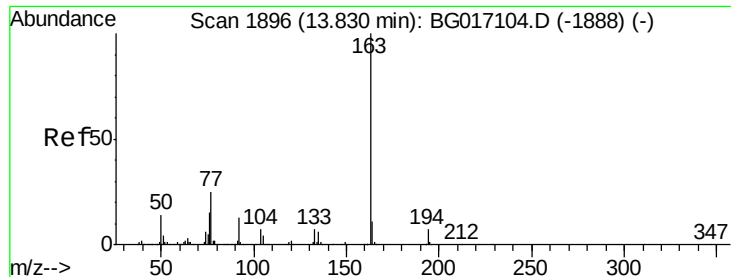
Tgt Ion	Ratio	Lower	Upper
65	100		
92	58.9	51.0	76.4
138	92.2	79.3	118.9



#48
Acenaphthylene
Concen: 45.10 ng
RT: 14.04 min Scan# 1931
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.2	25.8
153	13.0	10.8	16.2





#49

Dimethylphthalate

Concen: 54.92 ng

RT: 13.78 min Scan# 1888

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

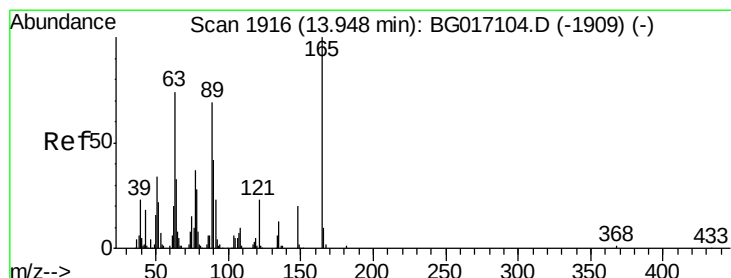
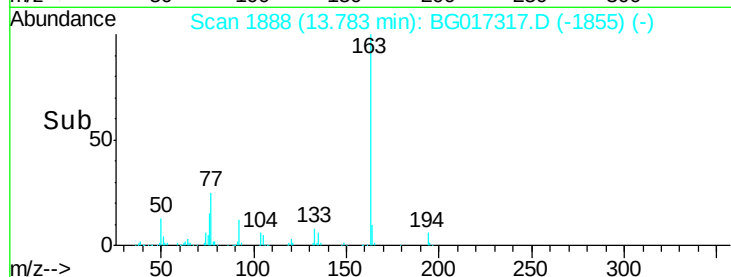
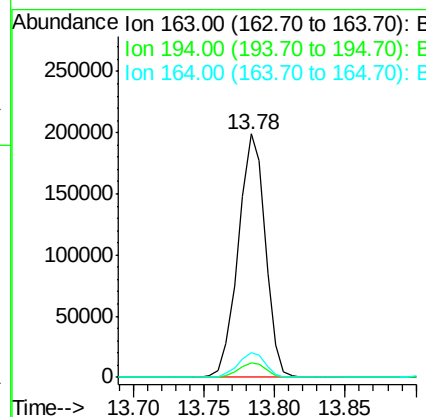
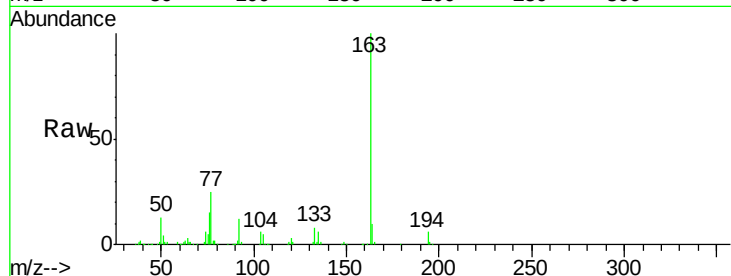
Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

Tgt Ion:	163	Resp:	264821
Ion Ratio		Lower	Upper
163	100		
194	6.2	5.6	8.4
164	10.1	8.6	13.0



#50

2,6-Dinitrotoluene

Concen: 51.09 ng

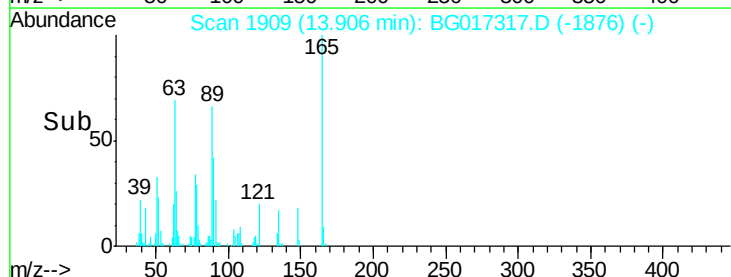
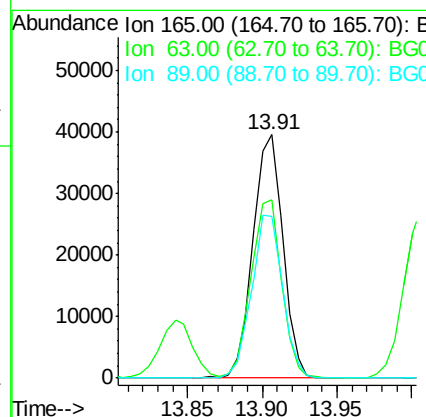
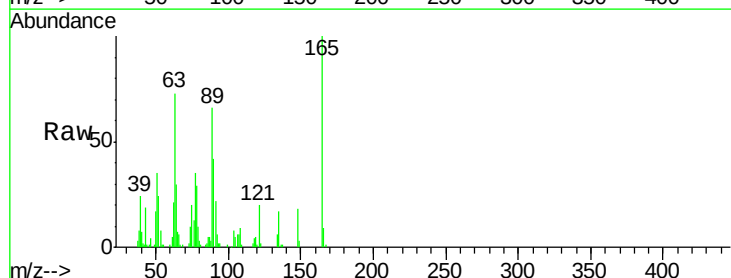
RT: 13.91 min Scan# 1909

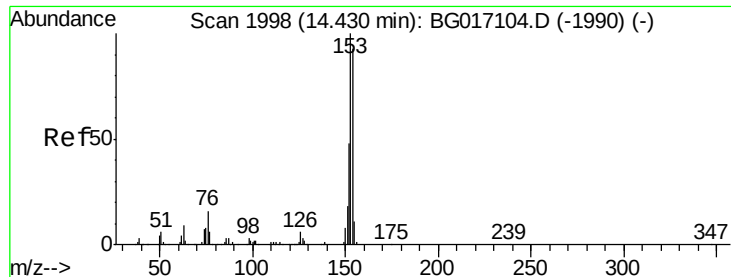
Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Tgt Ion:	165	Resp:	54590
Ion Ratio		Lower	Upper
165	100		
63	73.3	60.6	90.8
89	66.2	55.0	82.6





#51

Acenaphthene

Concen: 44.77 ng

RT: 14.38 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

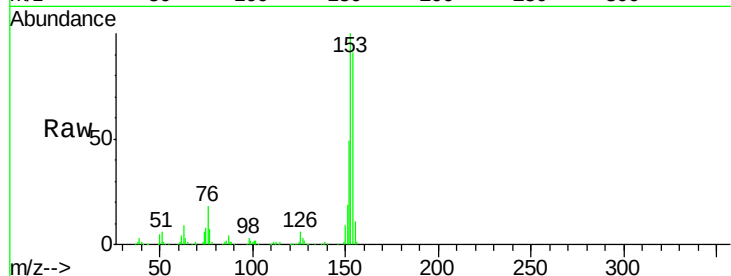
Tgt Ion:154 Resp: 159273

Ion Ratio Lower Upper

154 100

153 110.2 86.2 129.4

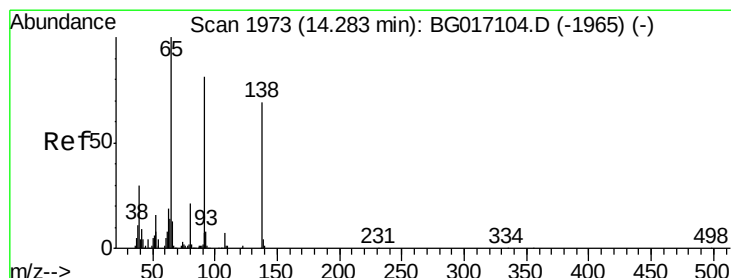
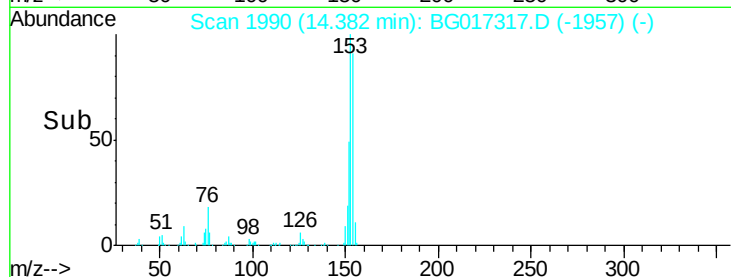
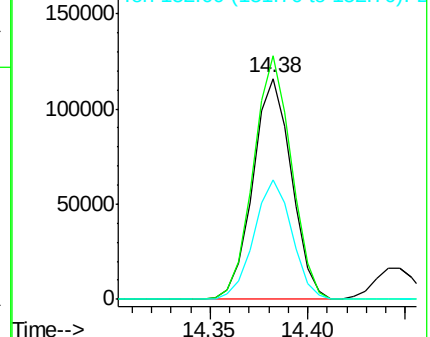
152 53.8 41.5 62.3



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: 39.76 ng

RT: 14.24 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

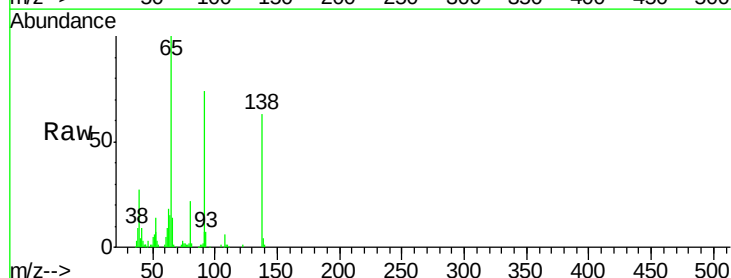
Tgt Ion:138 Resp: 47140

Ion Ratio Lower Upper

138 100

108 9.8 7.6 11.4

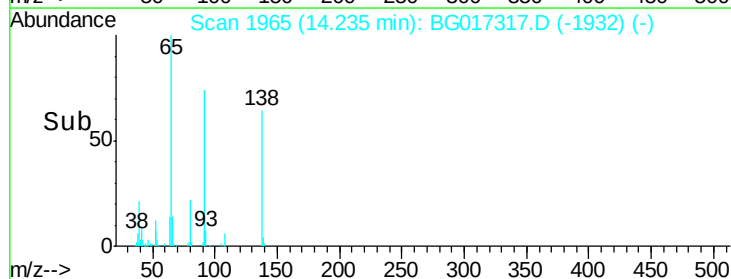
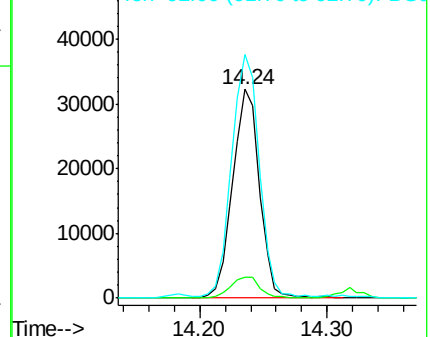
92 116.6 93.6 140.4

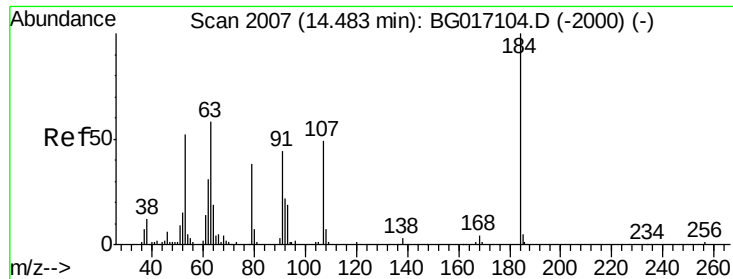


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

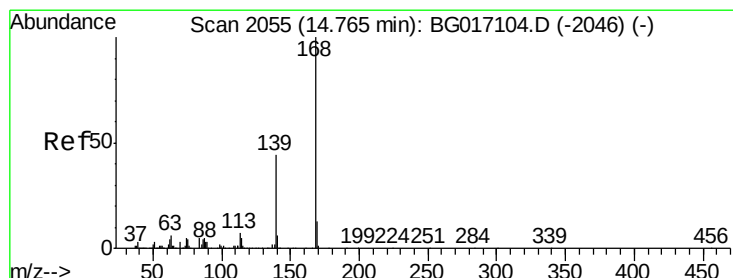
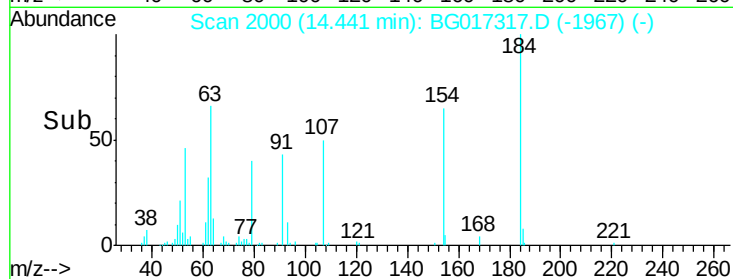
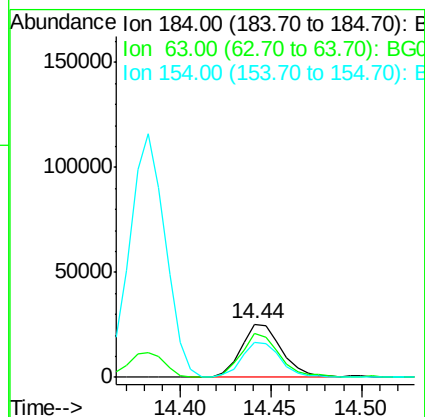
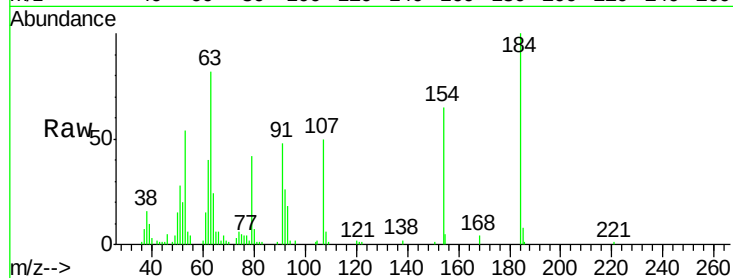




#53
2,4-Dinitrophenol
Concen: 62.87 ng
RT: 14.44 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

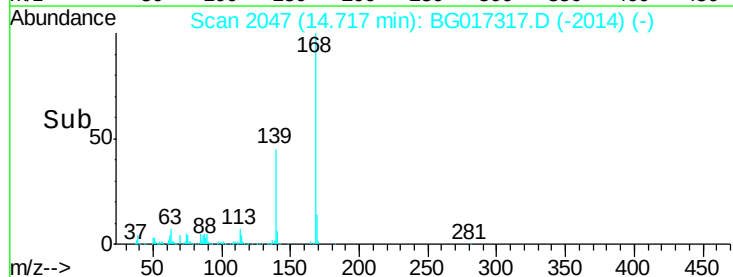
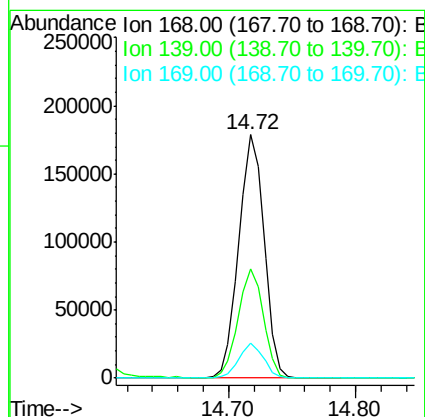
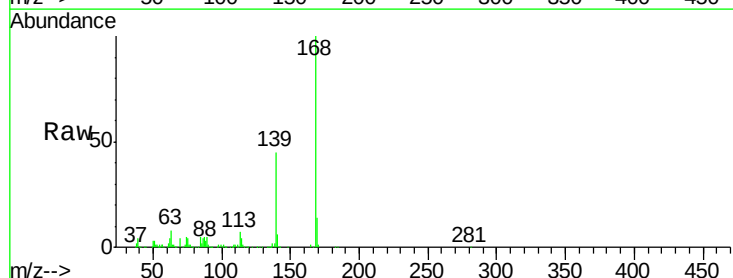
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

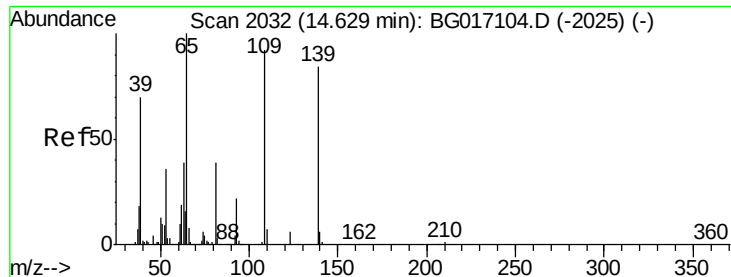
Tgt Ion:184 Resp: 39003
Ion Ratio Lower Upper
184 100
63 82.4 63.6 95.4
154 65.3 47.8 71.6



#54
Dibenzofuran
Concen: 46.75 ng
RT: 14.72 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:168 Resp: 247239
Ion Ratio Lower Upper
168 100
139 44.9 34.9 52.3
169 14.2 10.5 15.7

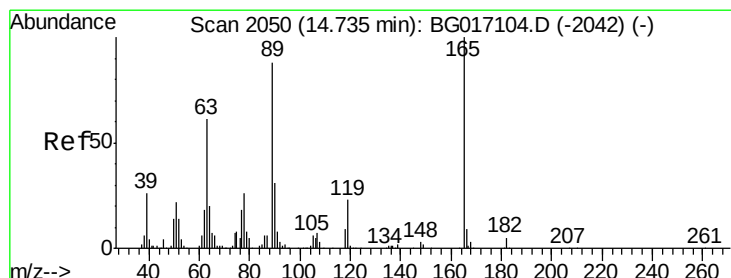
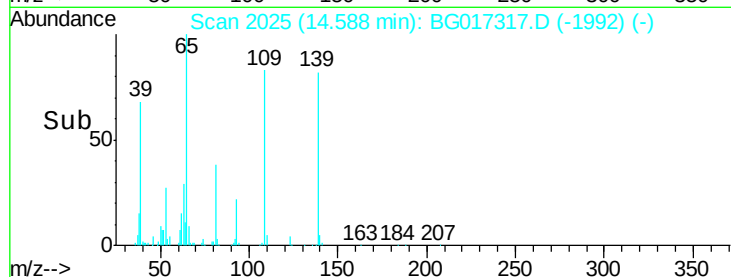
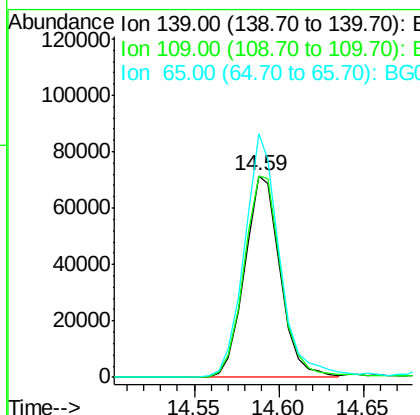
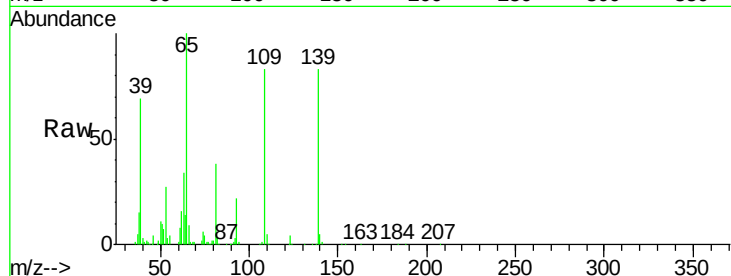




#55
4-Nitrophenol
Concen: 109.04 ng
RT: 14.59 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

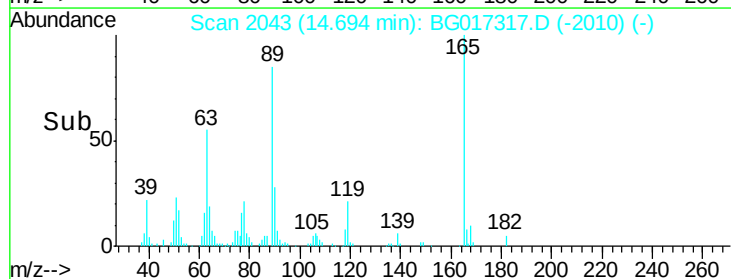
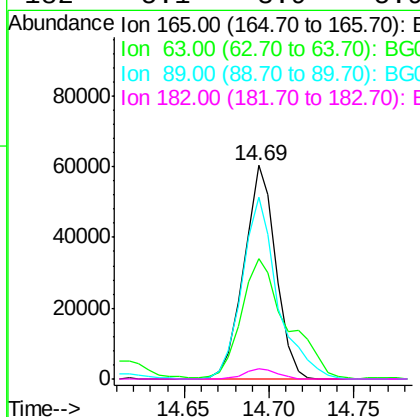
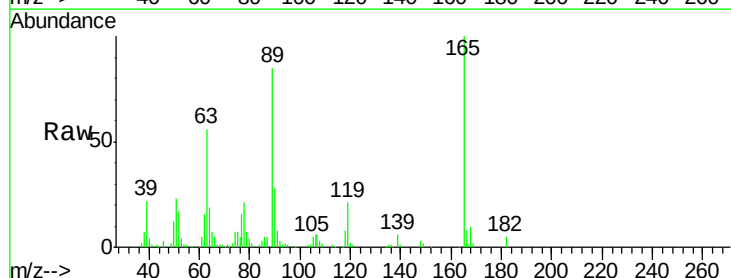
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

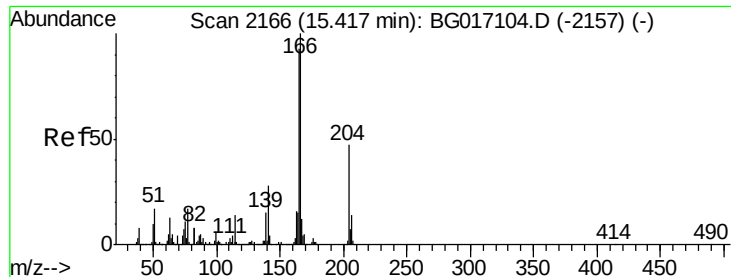
Tgt Ion	Ratio	Lower	Upper
139	100		
109	100.0	90.5	130.5
65	120.7	99.9	139.9



#56
2,4-Dinitrotoluene
Concen: 53.08 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.1	49.0	73.4
89	84.9	70.1	105.1
182	5.1	3.9	5.9





#57

Fluorene

Concen: 46.24 ng

RT: 15.37 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

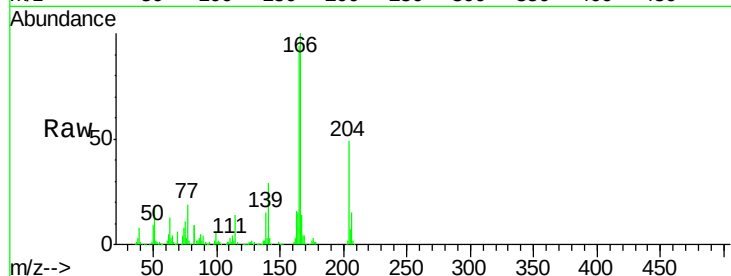
Tgt Ion:166 Resp: 216491

Ion Ratio Lower Upper

166 100

165 94.0 74.2 111.4

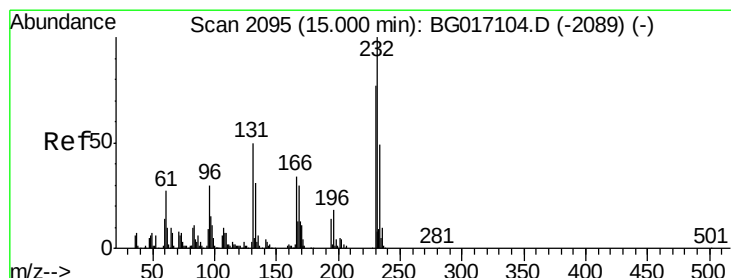
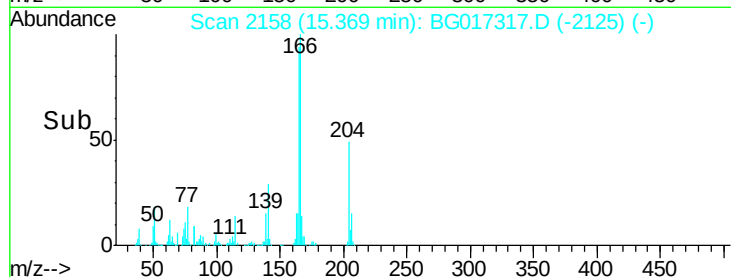
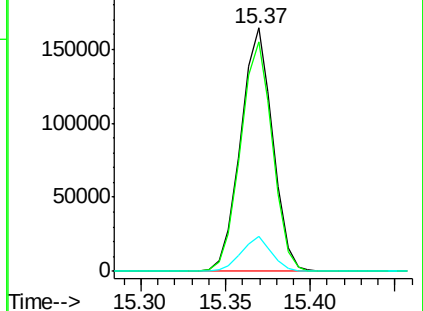
167 14.5 9.8 14.8



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: 54.66 ng

RT: 14.95 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Tgt Ion:232 Resp: 63968

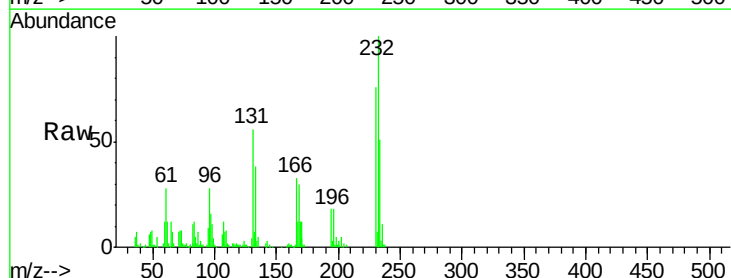
Ion Ratio Lower Upper

232 100

131 54.2 42.7 64.1

130 4.0 3.0 4.4

166 31.7 25.7 38.5

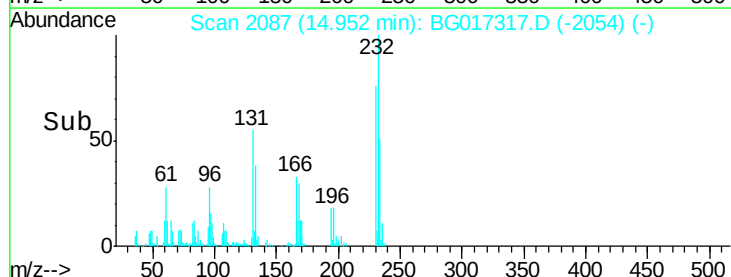
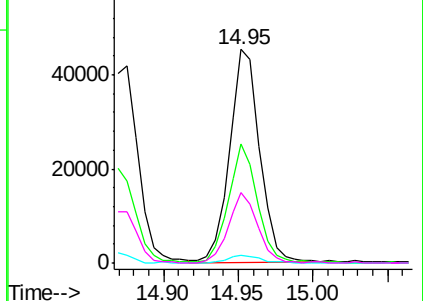


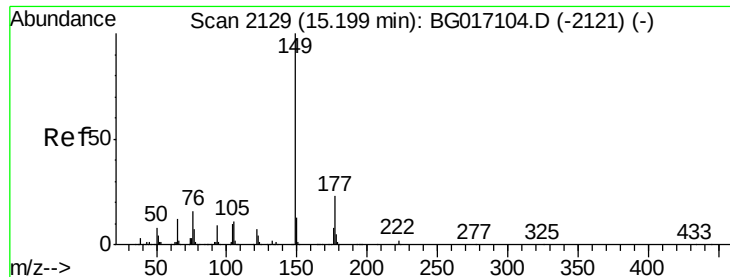
Abundance Ion 232.00 (231.70 to 232.70): E

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

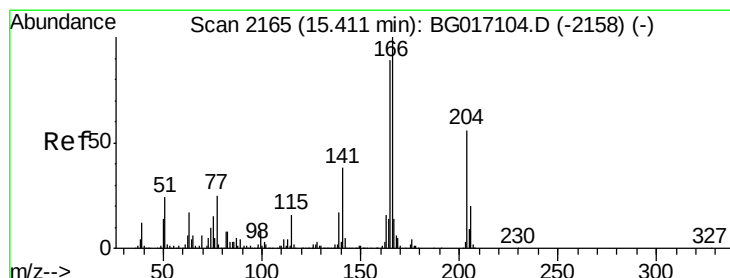
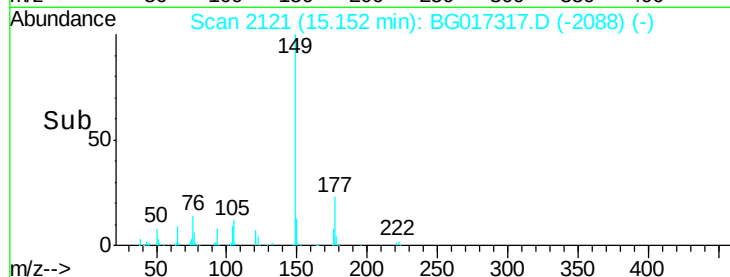
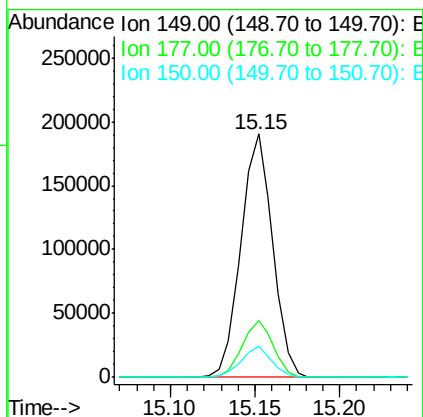
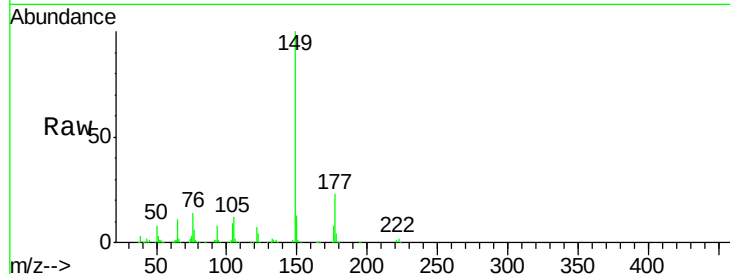




#59
Diethylphthalate
Concen: 48.02 ng
RT: 15.15 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

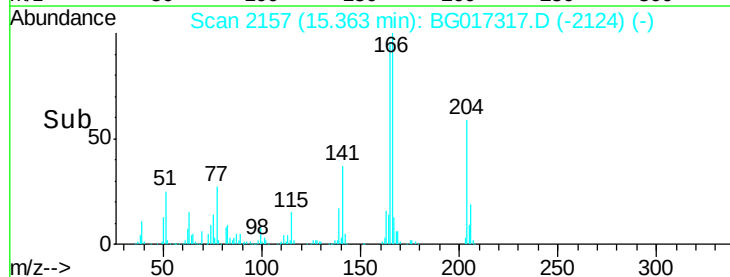
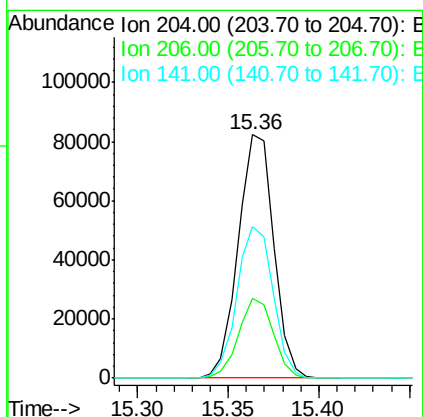
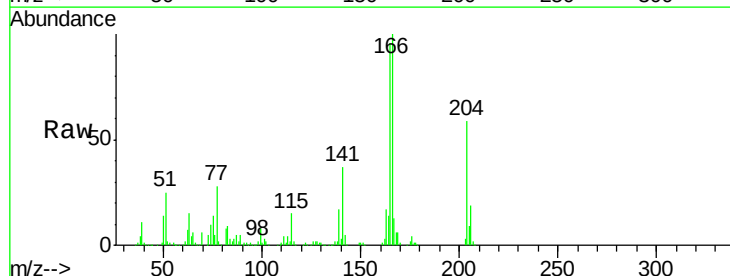
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

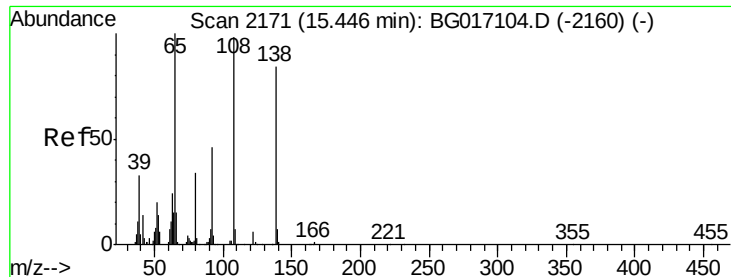
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.3	27.5
150	12.8	10.4	15.6



#60
4-Chlorophenyl-phenylether
Concen: 46.57 ng
RT: 15.36 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	28.6	42.8
141	62.3	54.2	81.2

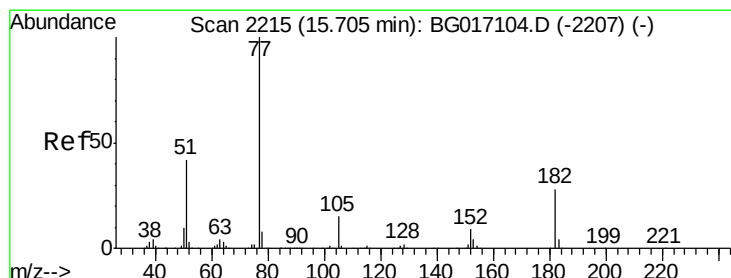
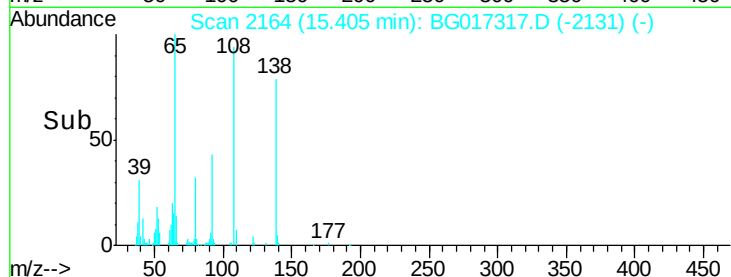
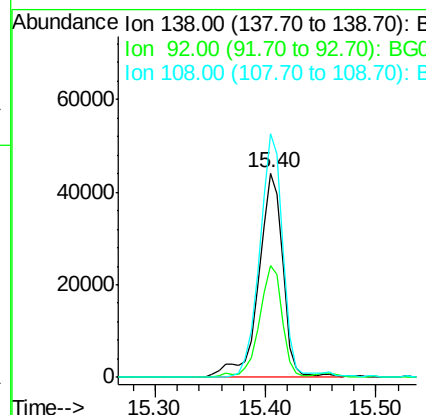
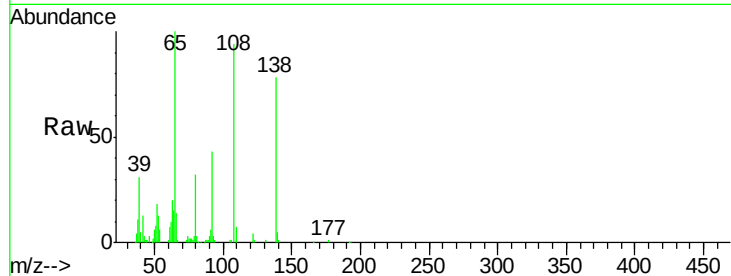




#61
4-Nitroaniline
Concen: 51.63 ng
RT: 15.40 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

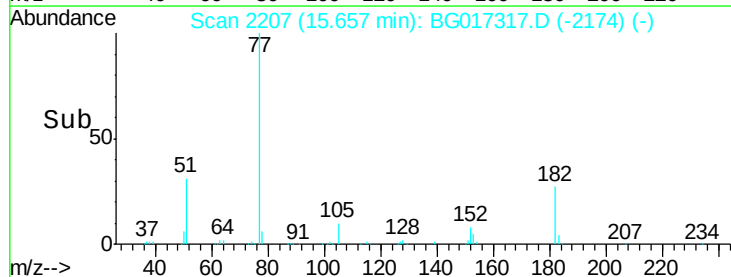
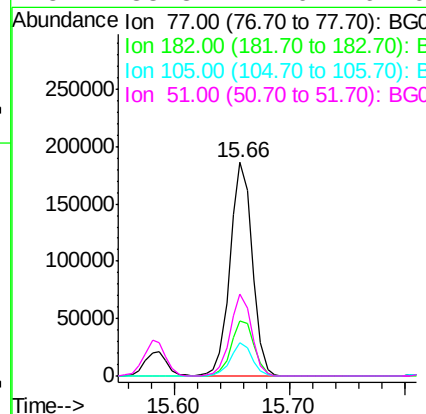
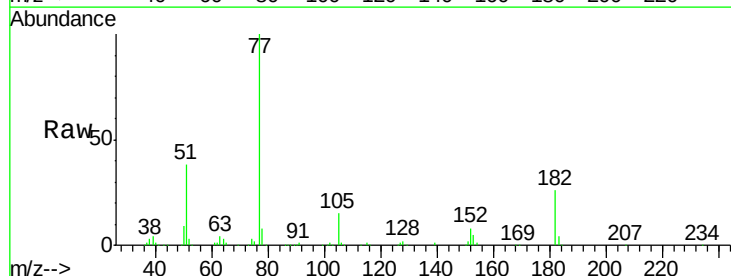
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

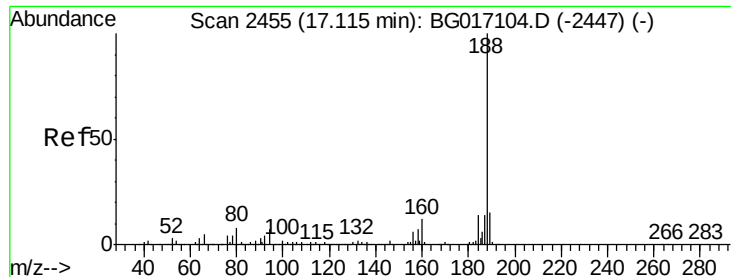
Tgt Ion:138 Resp: 68289
Ion Ratio Lower Upper
138 100
92 54.6 34.9 74.9
108 119.2 95.8 135.8



#62
Azobenzene
Concen: 50.06 ng
RT: 15.66 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion: 77 Resp: 247728
Ion Ratio Lower Upper
77 100
182 25.8 8.1 48.1
105 15.4 0.0 34.8
51 38.3 22.0 62.0

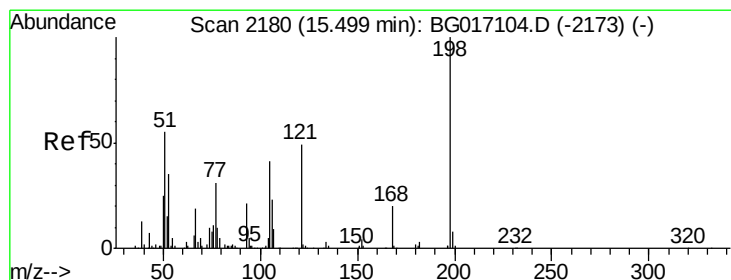
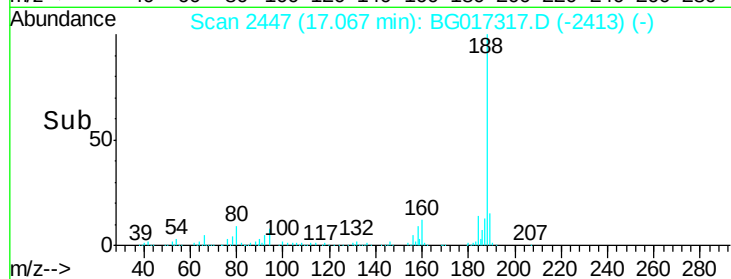
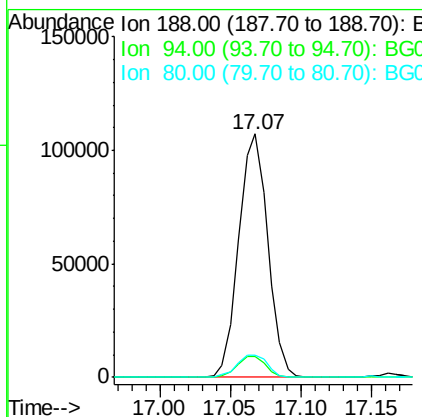
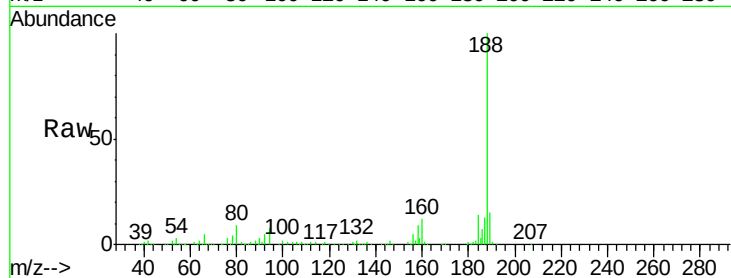




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2447
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

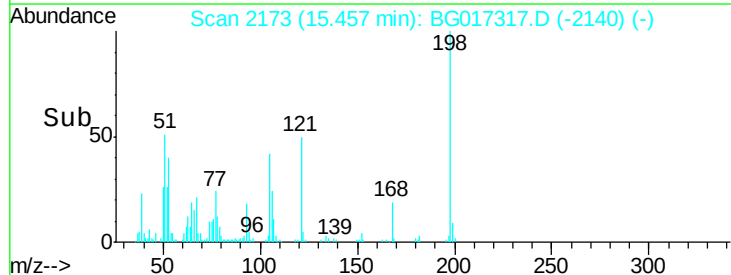
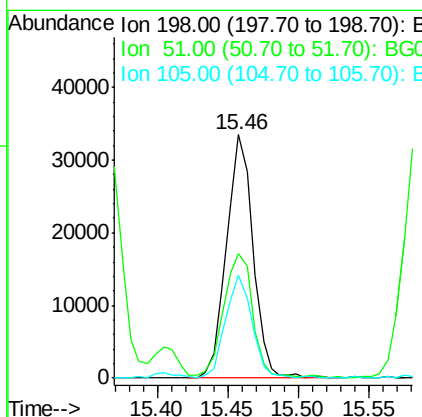
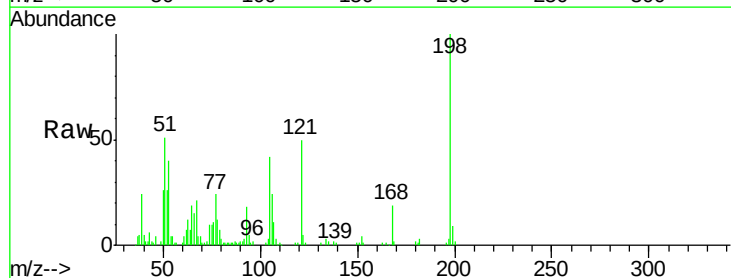
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

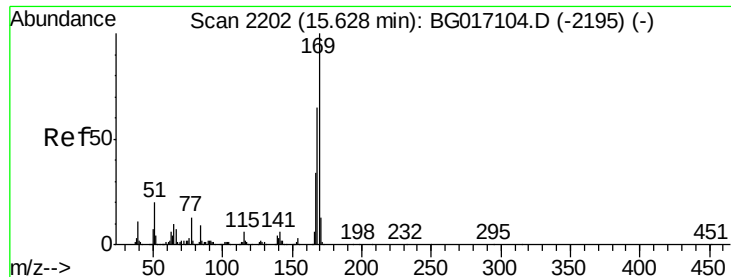
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	153963		
94	8.4		5.8	8.6
80	9.2		6.5	9.7



#64
4,6-Dinitro-2-methylphenol
Concen: 41.62 ng
RT: 15.46 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	43922		
51	51.1		39.9	79.9
105	42.1		22.0	62.0

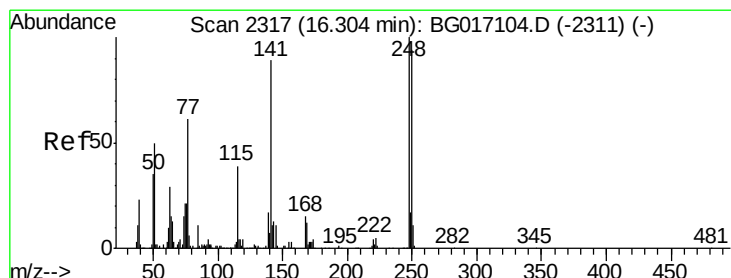
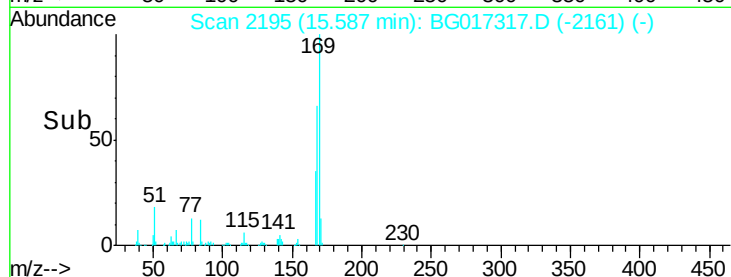
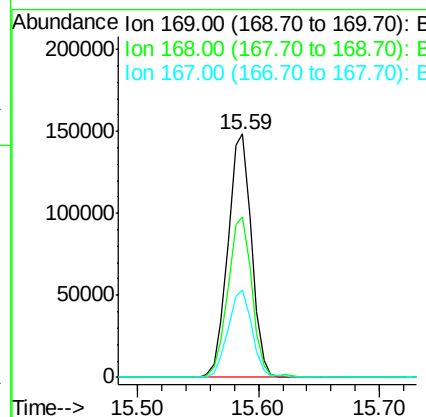
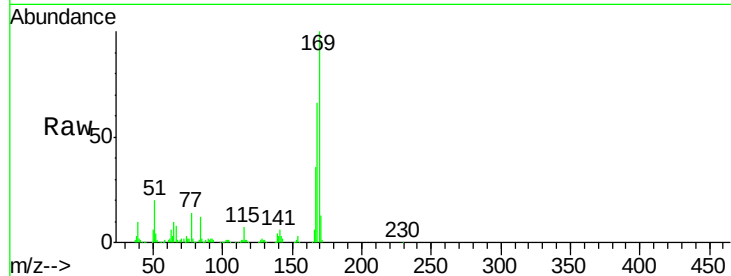




#65
 n-Nitrosodiphenylamine
 Concen: 42.37 ng
 RT: 15.59 min Scan# 2195
 Delta R.T. 0.00 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

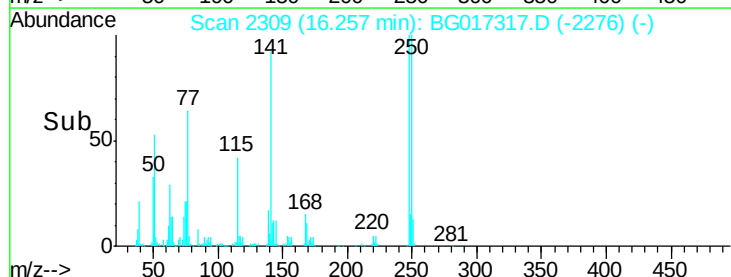
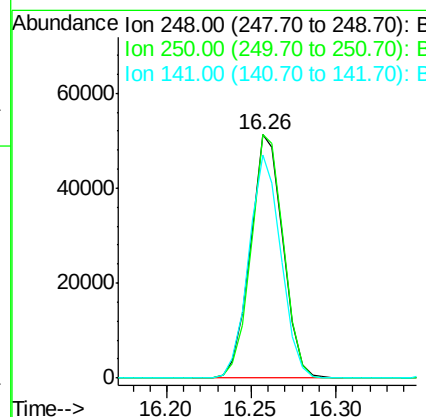
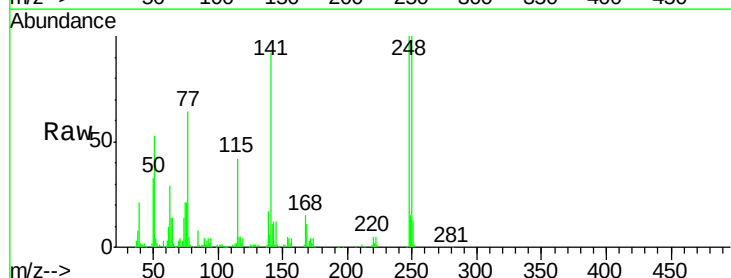
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

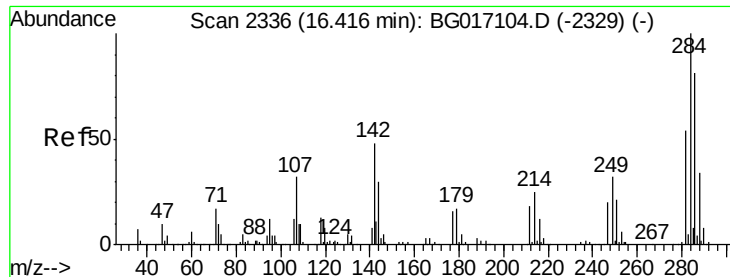
Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.9	51.7	77.5
167	36.1	27.4	41.0



#66
 4-Bromophenyl-phenylether
 Concen: 41.00 ng
 RT: 16.26 min Scan# 2309
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	100.0	75.0	112.4
141	91.7	71.3	106.9

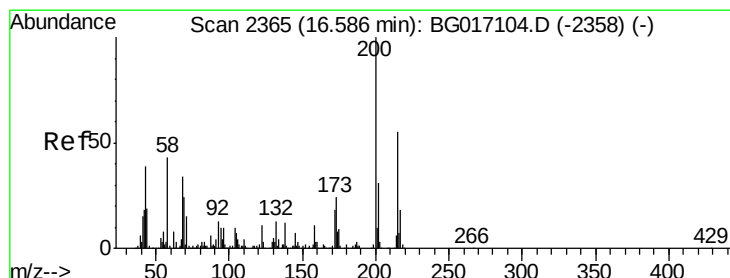
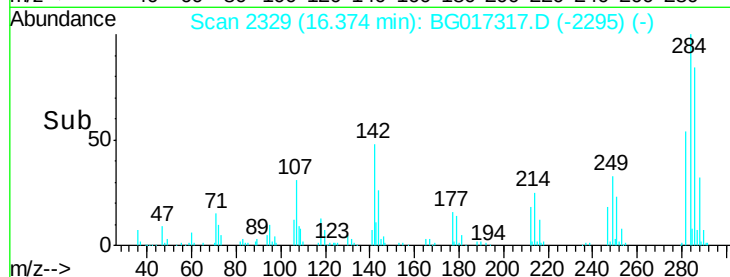
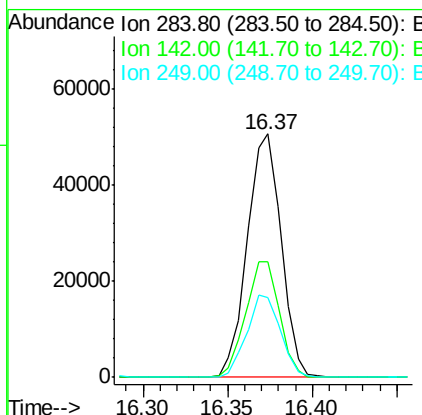
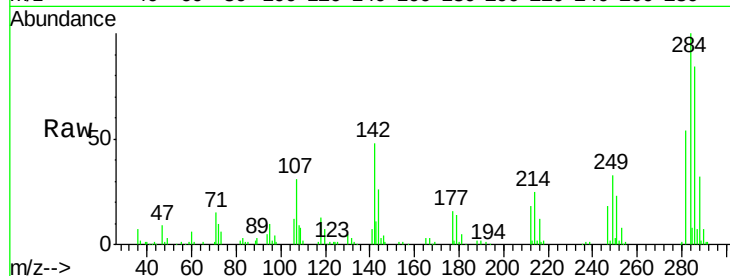




#67
Hexachlorobenzene
Concen: 40.14 ng
RT: 16.37 min Scan# 2329
Delta R.T. 0.00 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

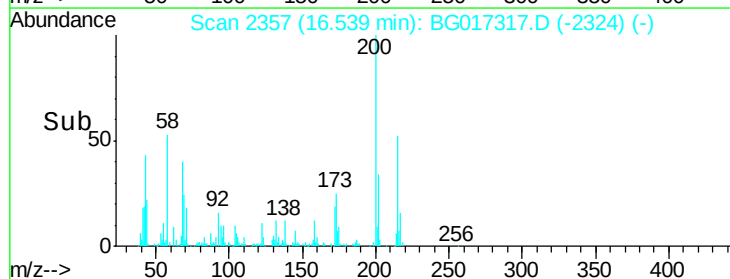
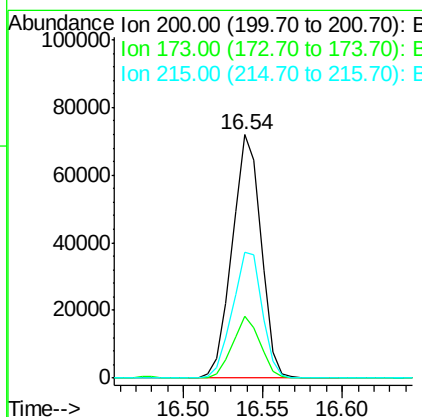
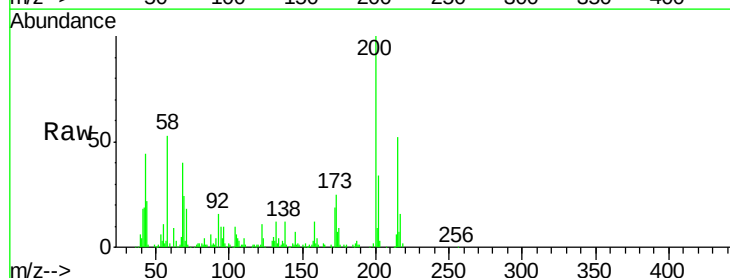
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

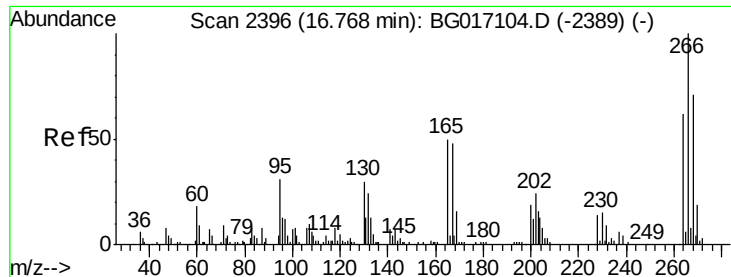
Tgt Ion: 284 Resp: 71133
Ion Ratio Lower Upper
284 100
142 47.6 38.2 57.2
249 32.8 25.2 37.8



#68
Atrazine
Concen: 52.35 ng
RT: 16.54 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion: 200 Resp: 90517
Ion Ratio Lower Upper
200 100
173 25.3 3.7 43.7
215 51.8 35.5 75.5





#69

Pentachlorophenol

Concen: 93.55 ng

RT: 16.73 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

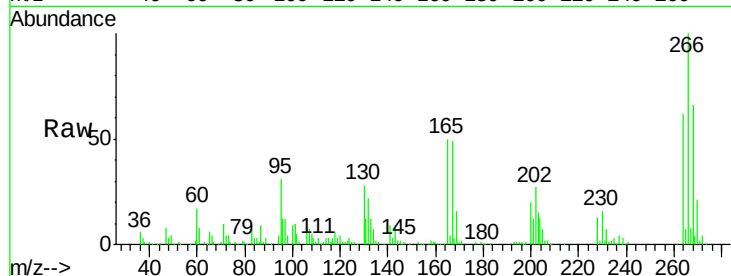
Tgt Ion:266 Resp: 103483

Ion Ratio Lower Upper

266 100

268 66.0 56.6 84.8

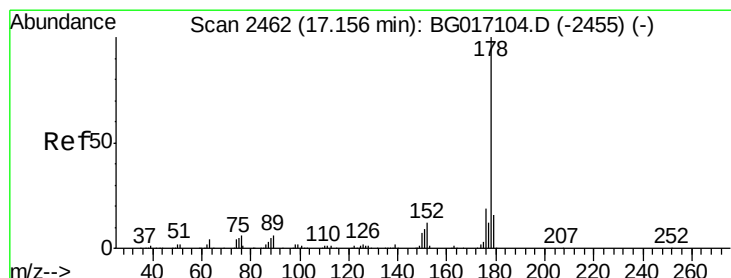
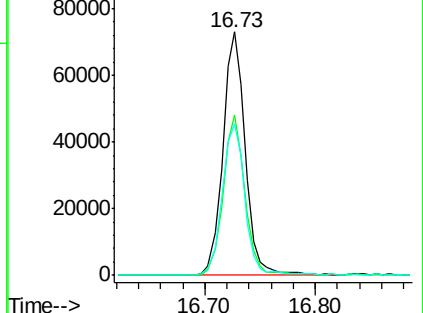
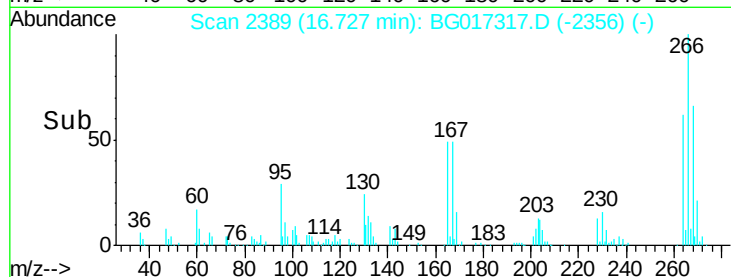
264 62.1 49.4 74.0



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: 42.88 ng

RT: 17.11 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

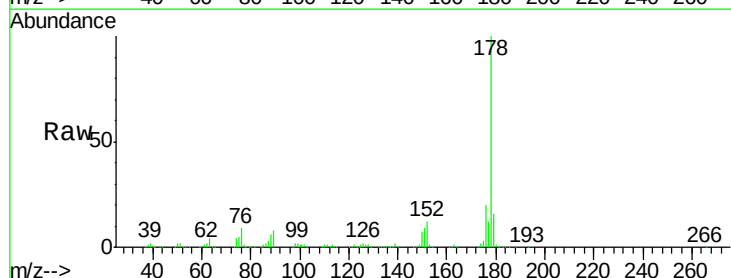
Tgt Ion:178 Resp: 340431

Ion Ratio Lower Upper

178 100

176 20.4 15.4 23.2

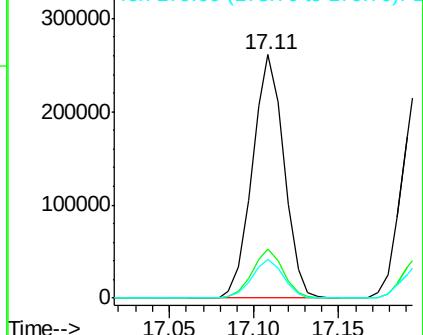
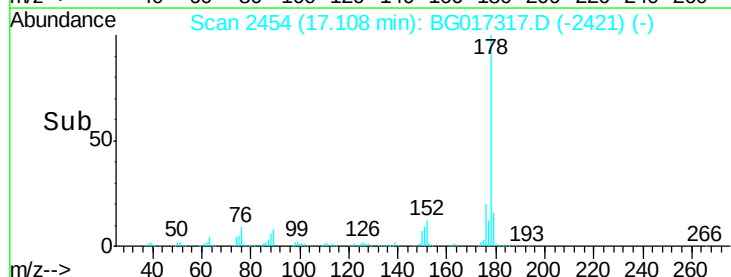
179 15.9 12.5 18.7

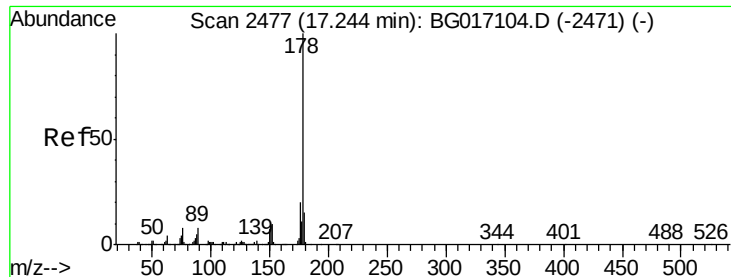


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

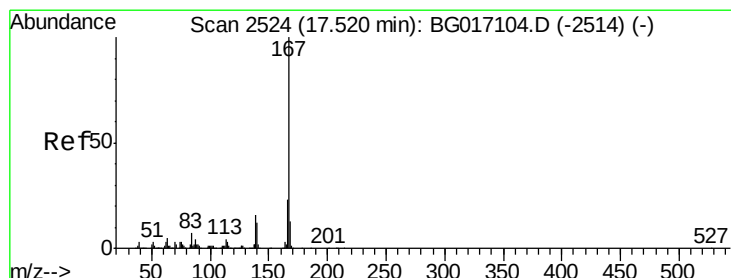
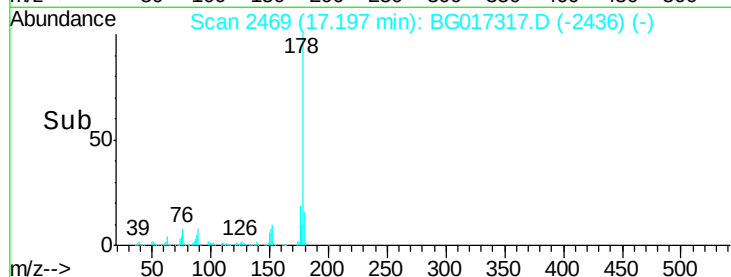
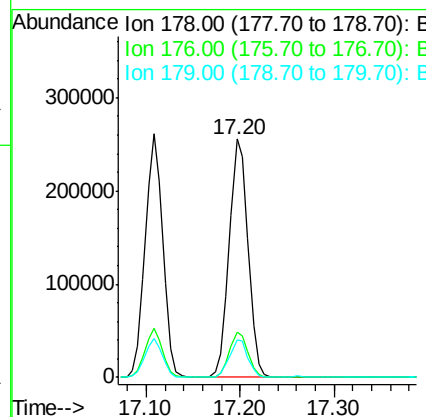
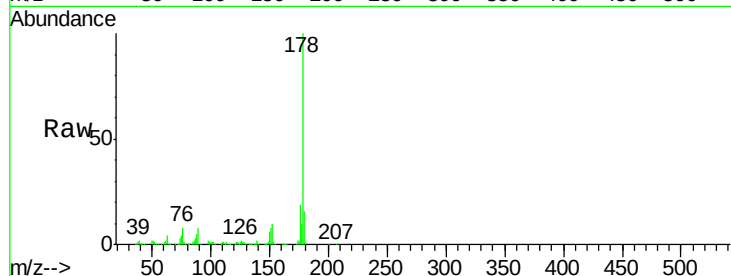




#71
 Anthracene
 Concen: 44.38 ng
 RT: 17.20 min Scan# 2469
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

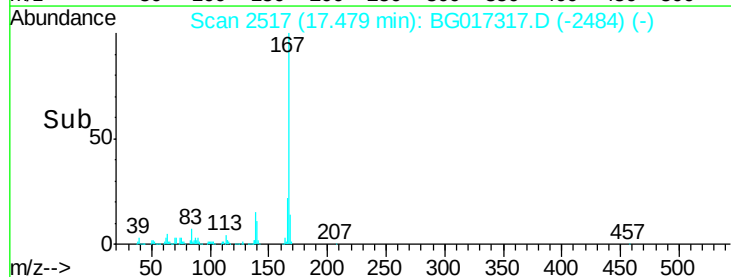
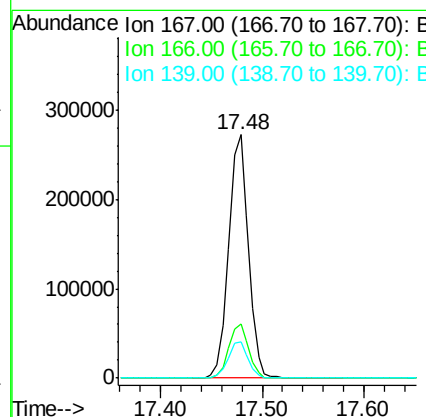
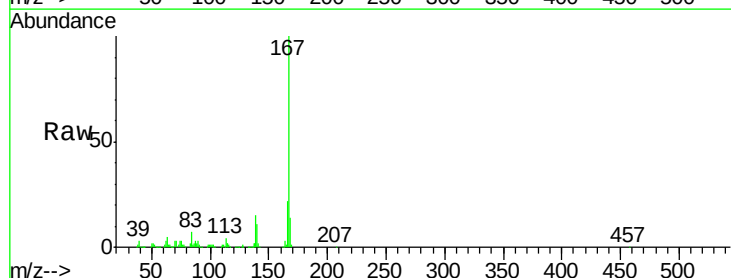
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

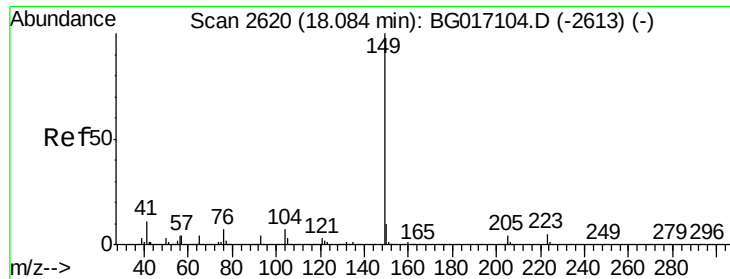
Tgt Ion:178 Resp: 357101
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.3 24.5
 179 15.5 12.1 18.1



#72
 Carbazole
 Concen: 49.75 ng
 RT: 17.48 min Scan# 2517
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion:167 Resp: 367824
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.4 27.6
 139 14.6 13.0 19.4

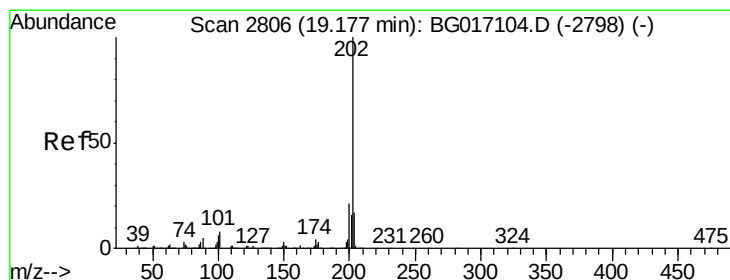
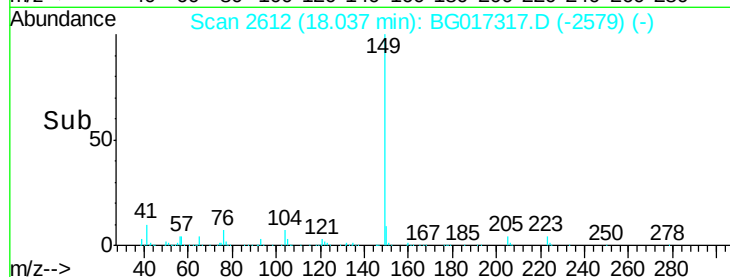
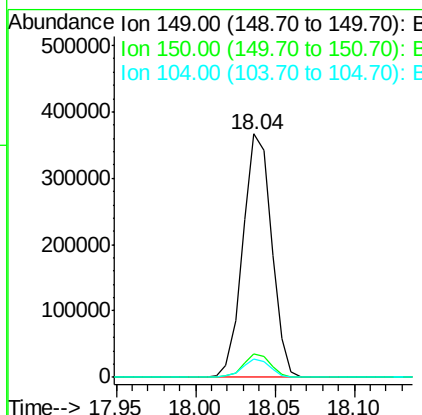
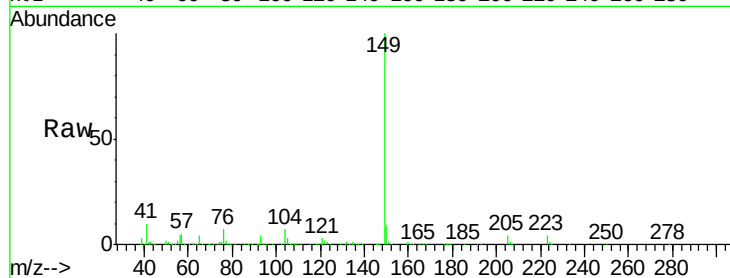




#73
Di-n-butylphthalate
Concen: 46.62 ng
RT: 18.04 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

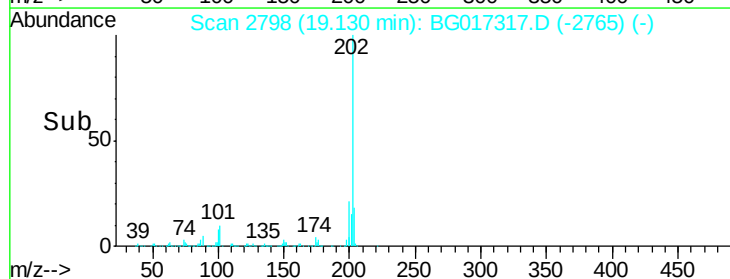
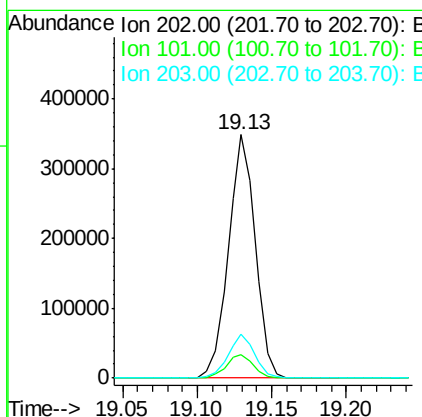
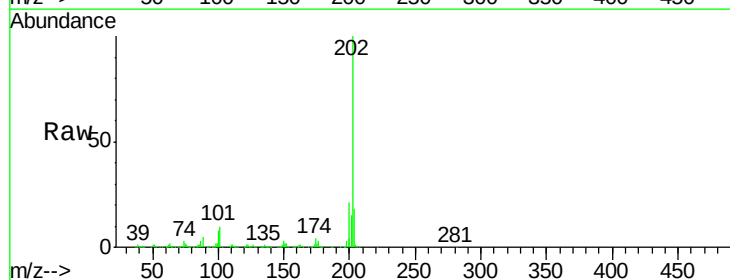
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

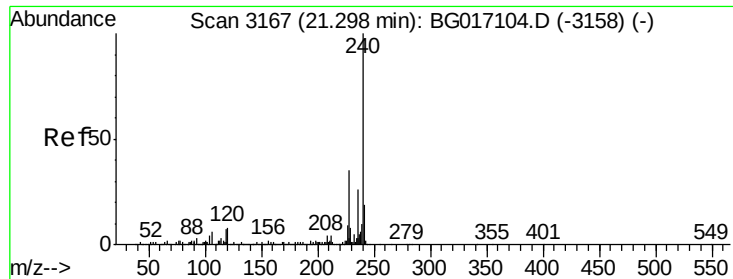
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.4
104	7.4	5.7	8.5



#74
Fluoranthene
Concen: 46.12 ng
RT: 19.13 min Scan# 2798
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	28.3
203	18.3	0.0	37.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.26 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

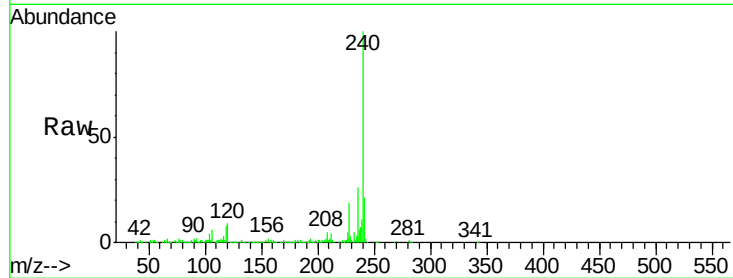
Tgt Ion:240 Resp: 180366

Ion Ratio Lower Upper

240 100

120 8.7 6.0 9.0

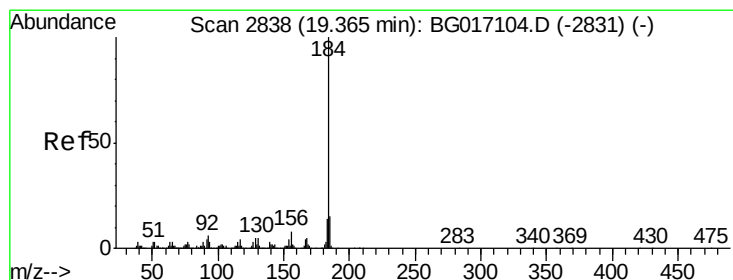
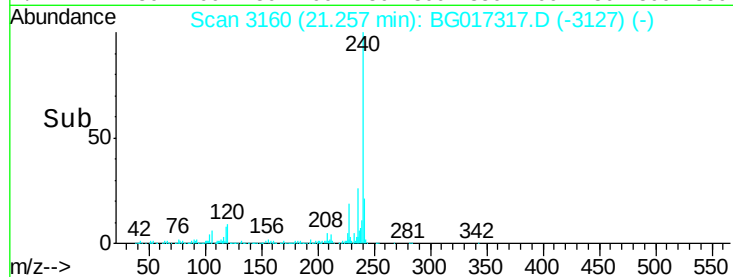
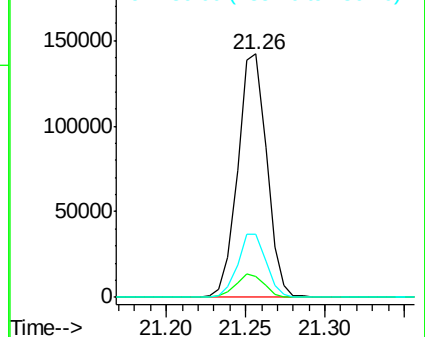
236 25.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 45.20 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

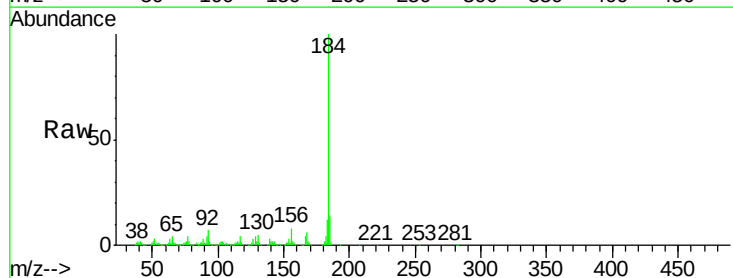
Tgt Ion:184 Resp: 266161

Ion Ratio Lower Upper

184 100

185 14.2 12.4 18.6

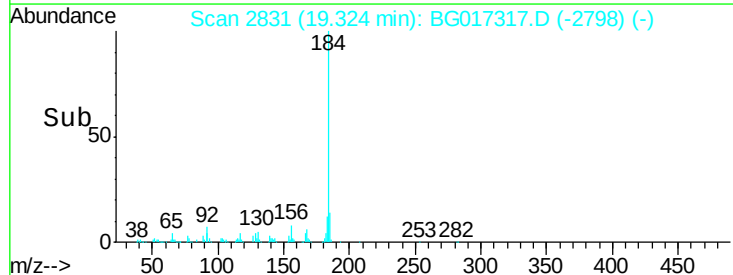
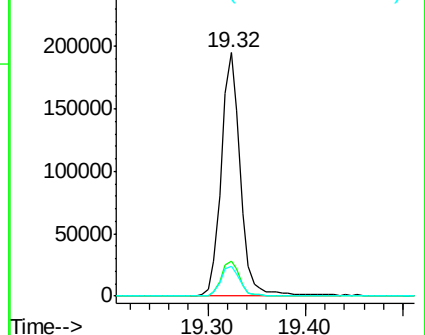
183 12.5 11.4 17.2

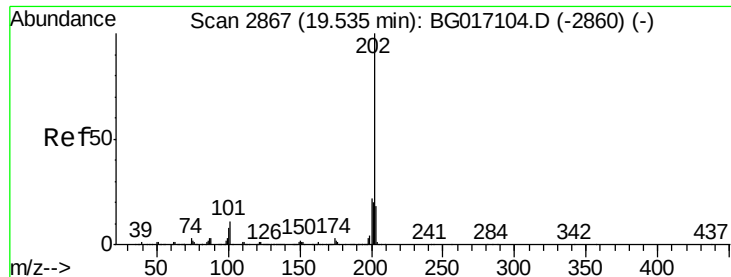


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.69 ng

RT: 19.49 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

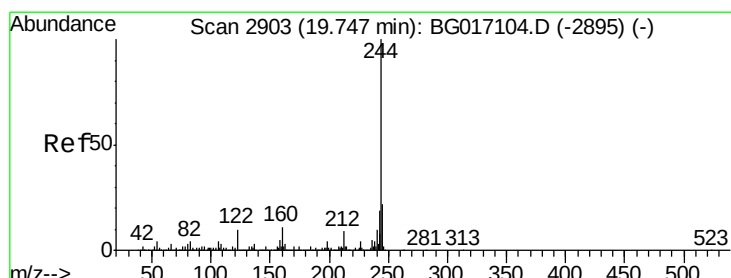
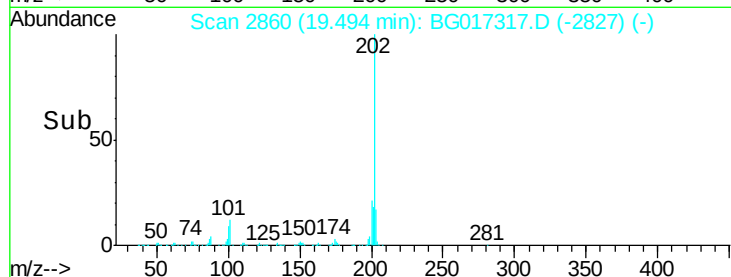
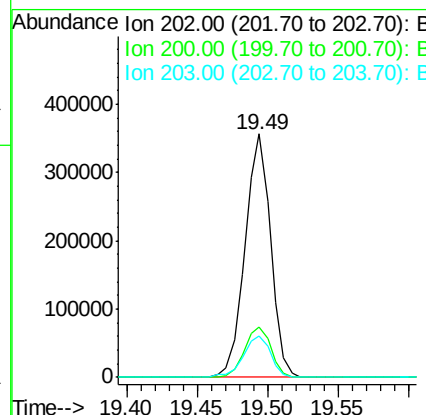
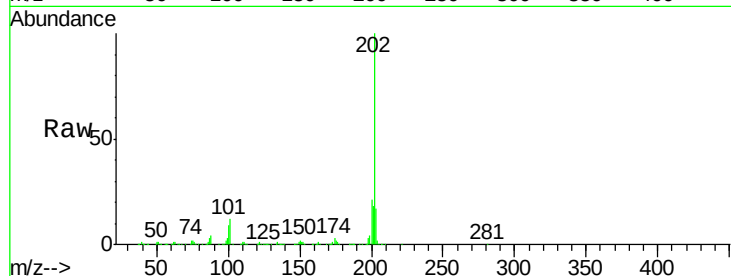
Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

Tgt Ion:	202	Resp:	450236
Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.8
203	17.2	14.4	21.6



#78

Terphenyl-d14

Concen: 82.91 ng

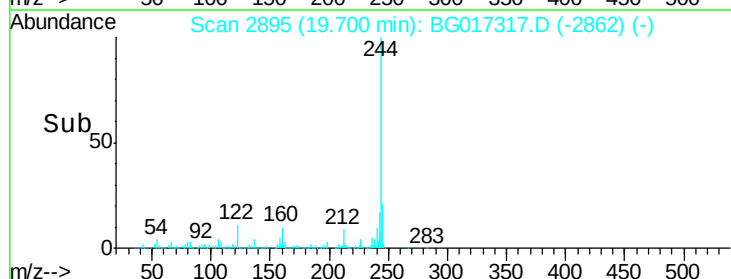
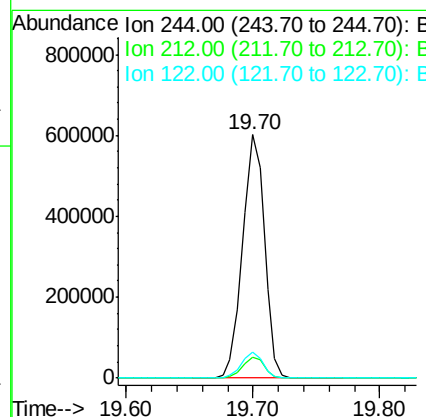
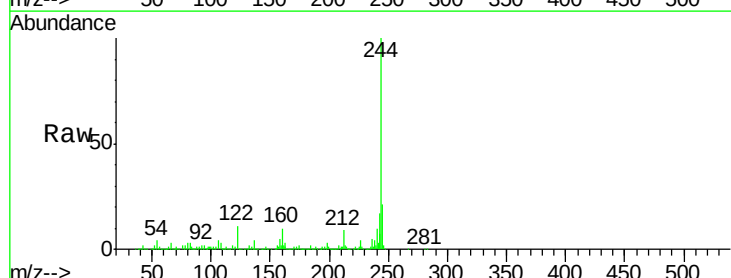
RT: 19.70 min Scan# 2895

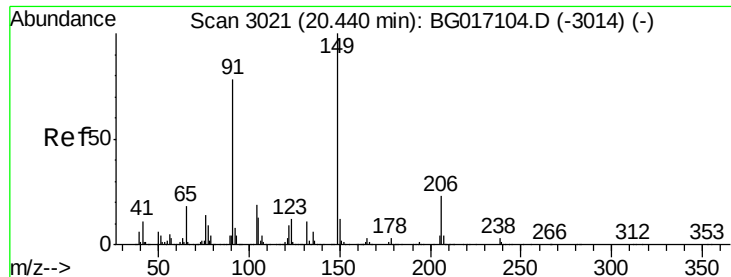
Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Tgt Ion:	244	Resp:	717642
Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	10.9	8.4	12.6

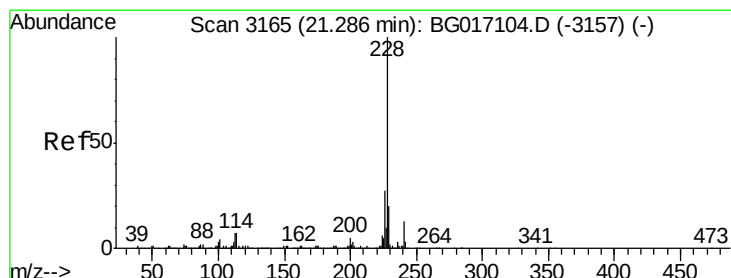
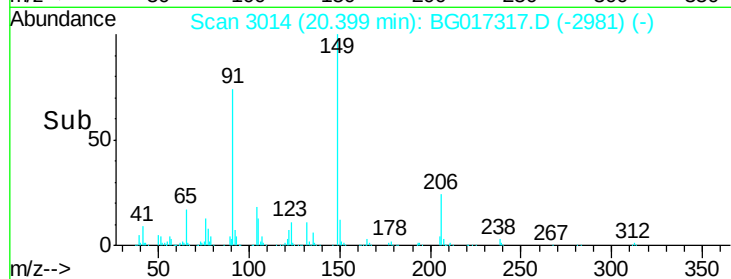
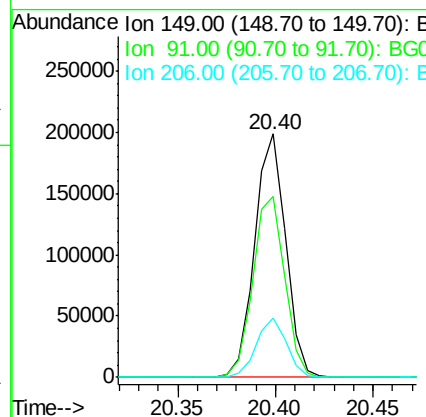
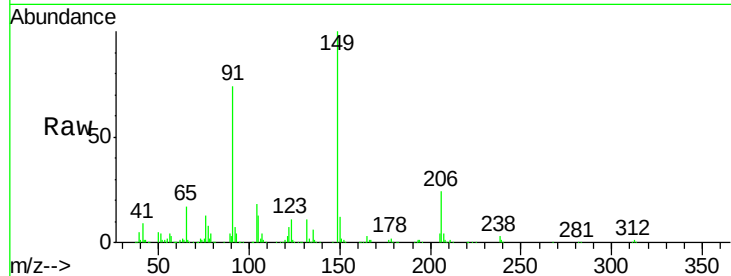




#79
Butylbenzylphthalate
Concen: 43.39 ng
RT: 20.40 min Scan# 3014
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

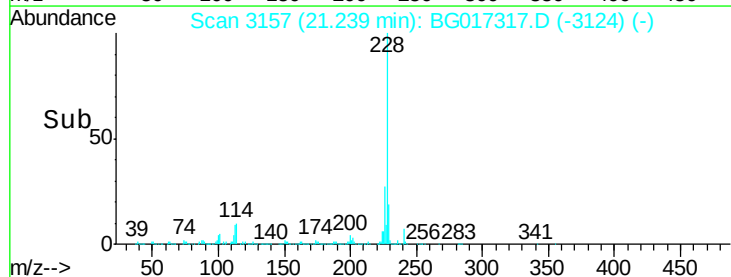
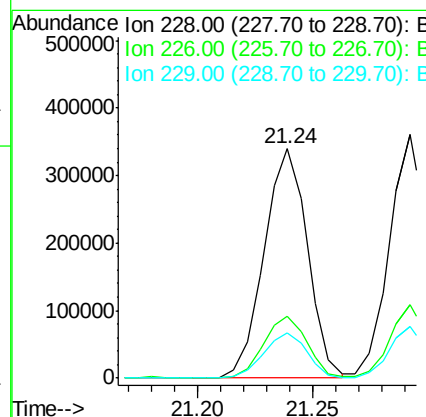
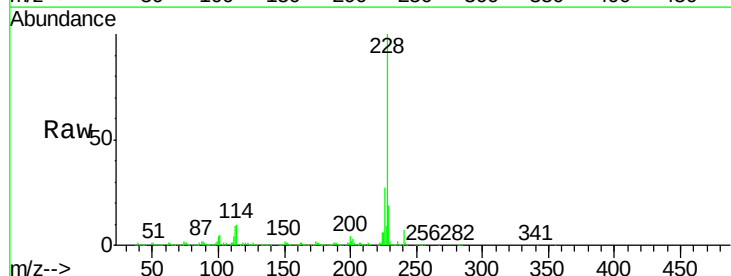
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

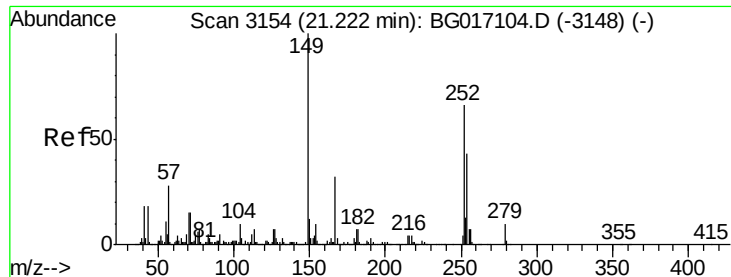
Tgt Ion	Ratio	Lower	Upper
149	100		
91	74.2	62.0	93.0
206	24.1	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.64 ng
RT: 21.24 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.5	16.1	24.1

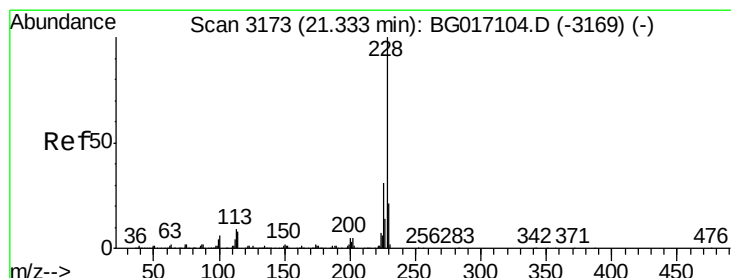
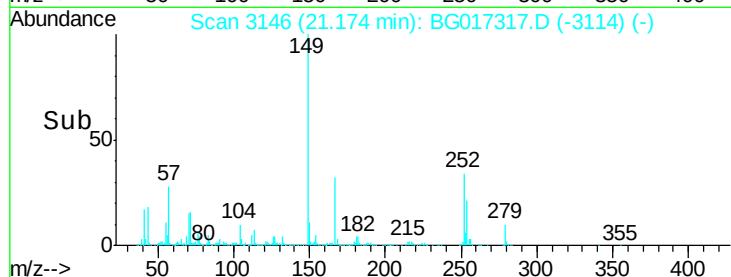
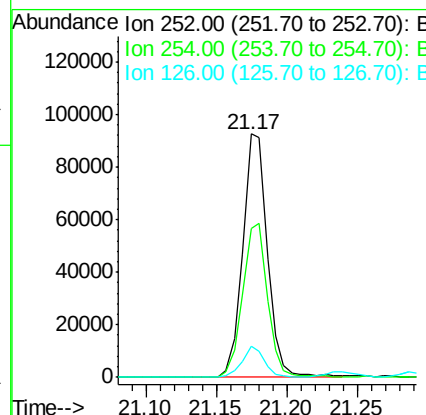
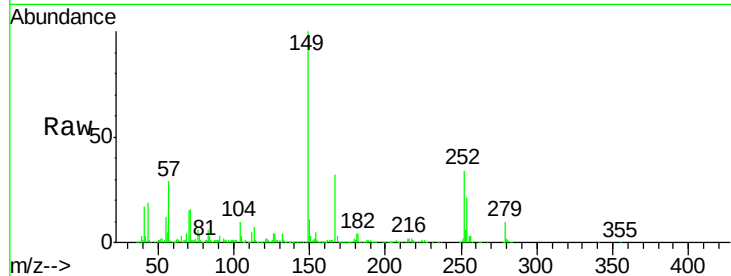




#81
 3,3'-Dichlorobenzidine
 Concen: 28.26 ng
 RT: 21.17 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

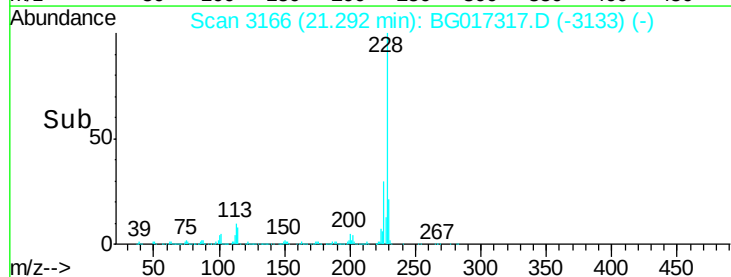
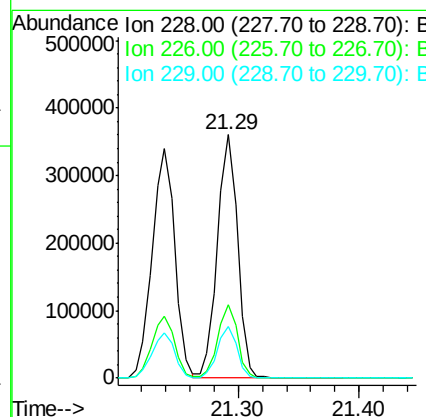
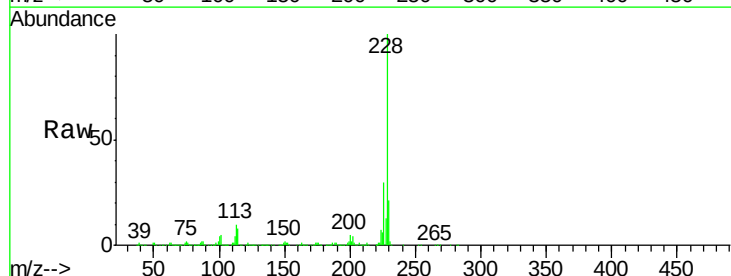
Instrument :
 BNA_G
 ClientSampleId :
 TP-18-D13MS

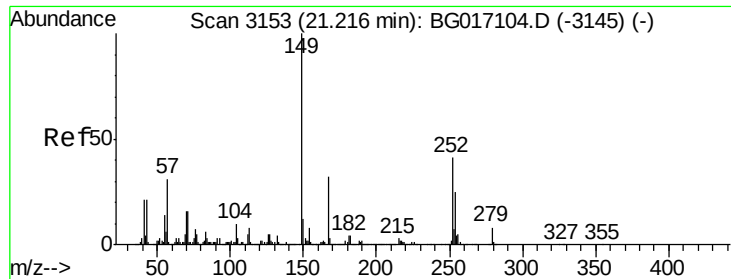
Tgt Ion:252 Resp: 113056
 Ion Ratio Lower Upper
 252 100
 254 60.9 52.1 78.1
 126 12.7 8.8 13.2



#82
 Chrysene
 Concen: 43.20 ng
 RT: 21.29 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG017317.D
 Acq: 28 May 2015 2:47

Tgt Ion:228 Resp: 415860
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.8 37.2
 229 21.0 17.0 25.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.52 ng

RT: 21.17 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

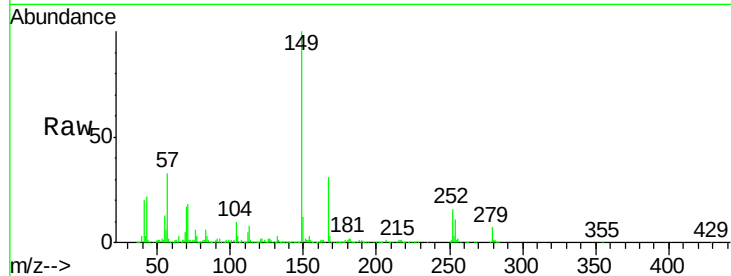
Tgt Ion:149 Resp: 325500

Ion Ratio Lower Upper

149 100

167 30.8 25.4 38.2

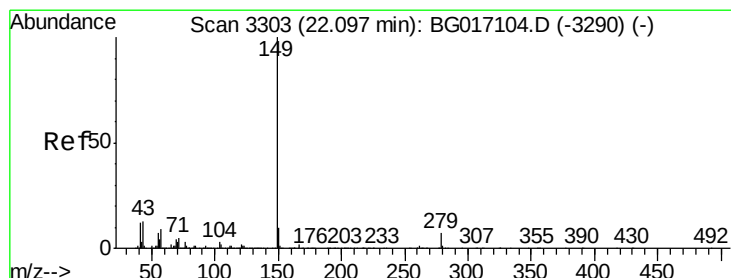
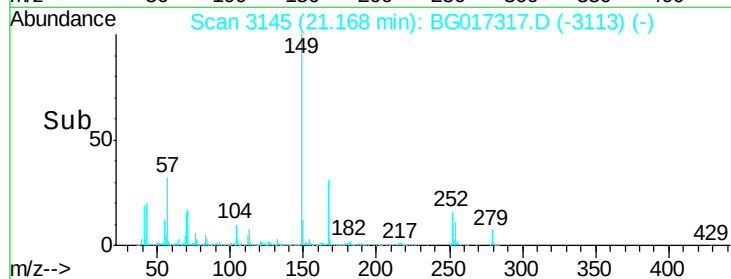
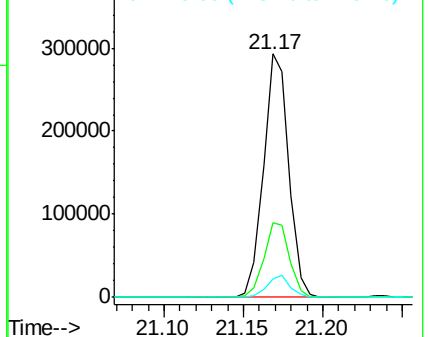
279 7.4 6.8 10.2



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: 45.91 ng

RT: 22.04 min Scan# 3294

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

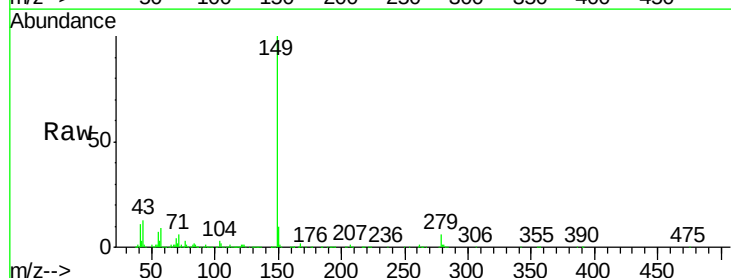
Tgt Ion:149 Resp: 546588

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

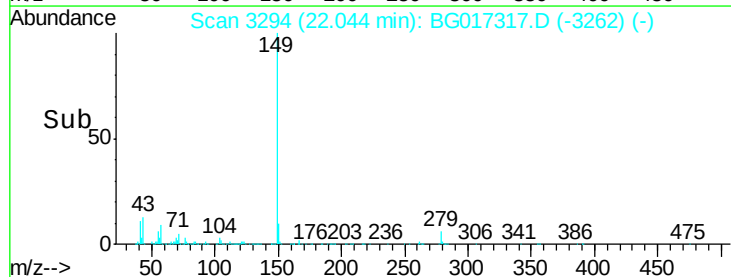
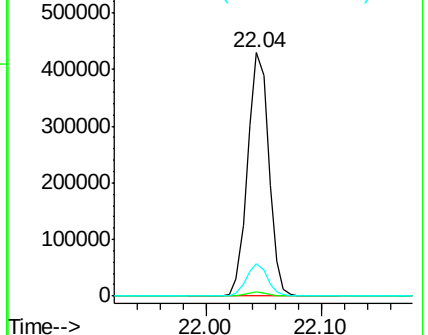
43 13.0 10.9 16.3

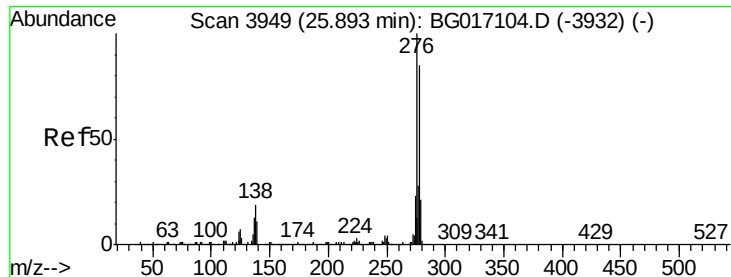


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.04 ng

RT: 25.79 min Scan# 3931

Delta R.T. -0.03 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

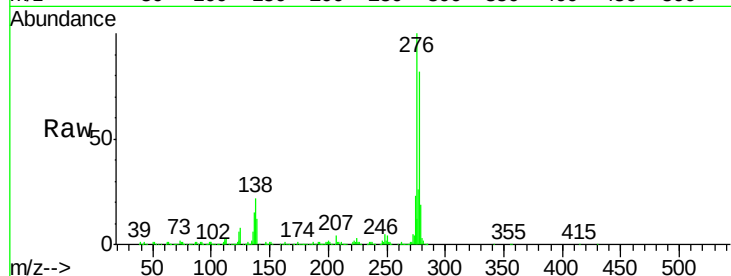
Tgt Ion:276 Resp: 484385

Ion Ratio Lower Upper

276 100

138 22.4 16.0 24.0

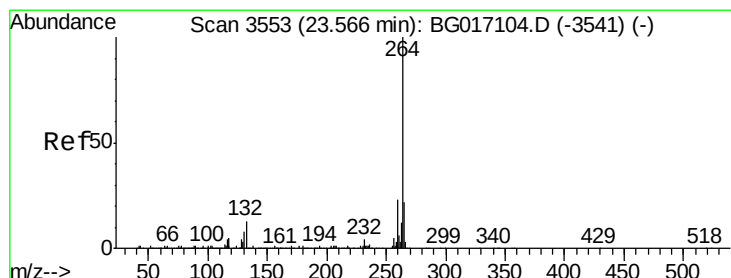
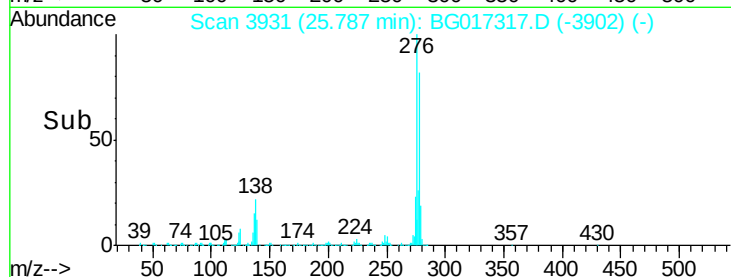
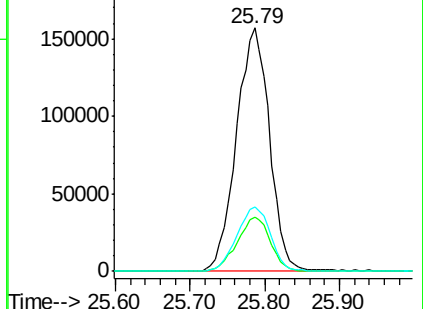
277 26.9 20.9 31.3



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: 23.50 min Scan# 3541

Delta R.T. -0.02 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

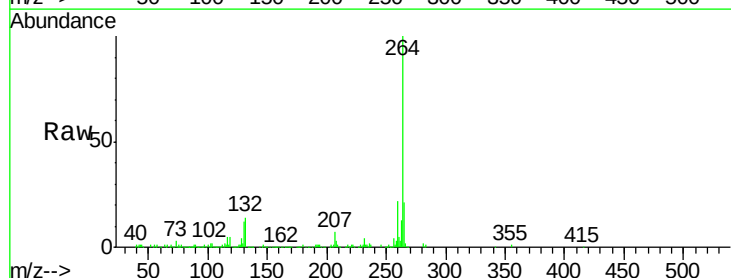
Tgt Ion:264 Resp: 178151

Ion Ratio Lower Upper

264 100

260 21.6 18.0 27.0

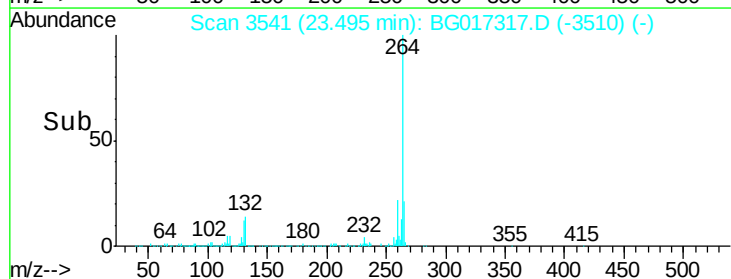
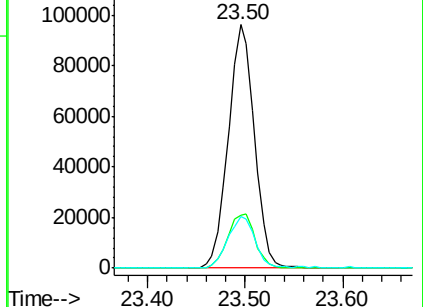
265 21.3 17.4 26.0

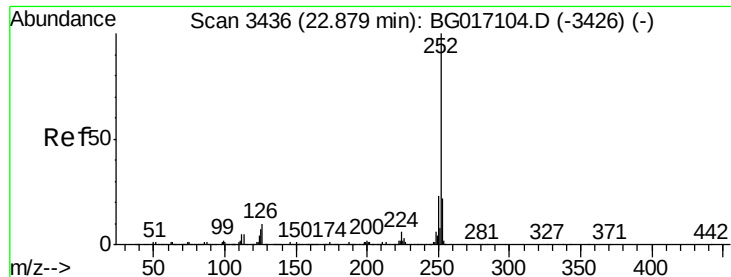


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

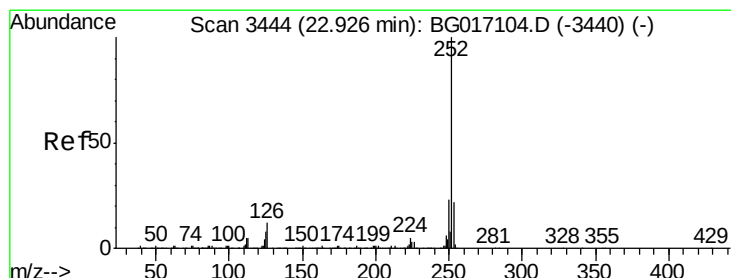
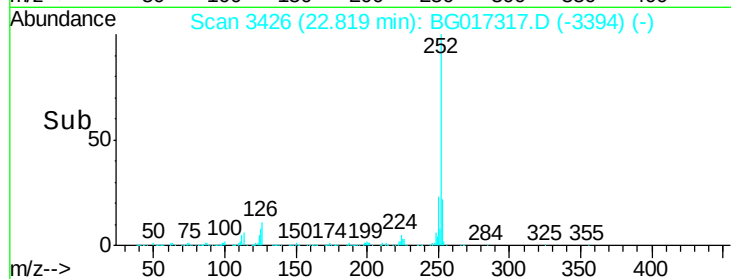
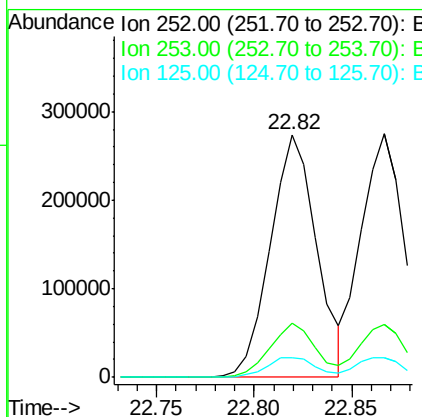
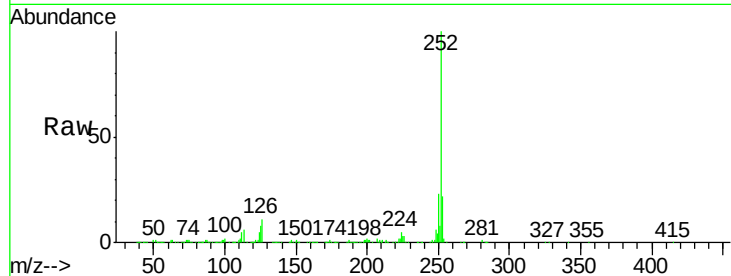




#87
Benzo(b)fluoranthene
Concen: 43.35 ng
RT: 22.82 min Scan# 3426
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

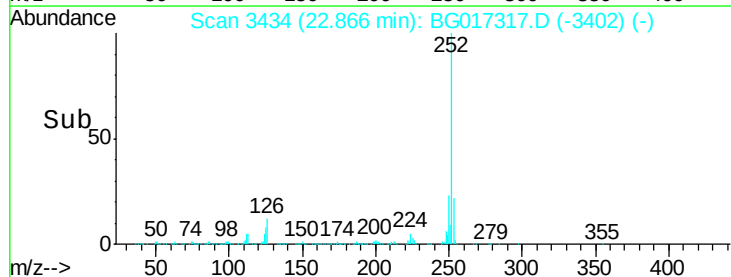
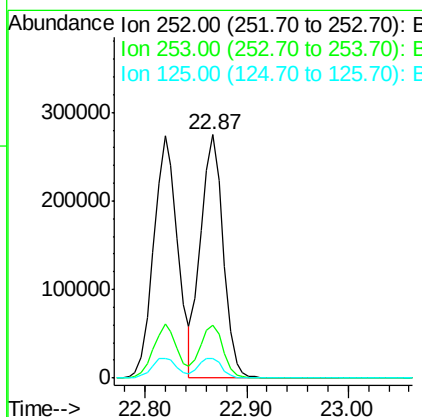
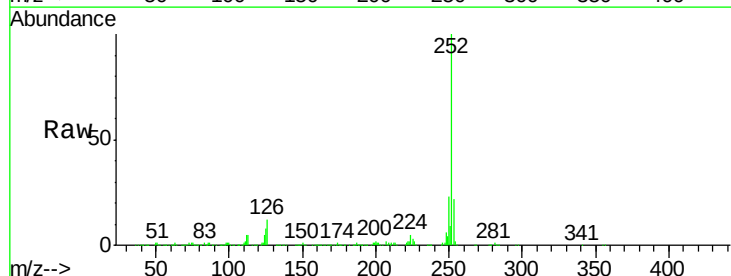
Instrument :
BNA_G
ClientSampleId :
TP-18-D13MS

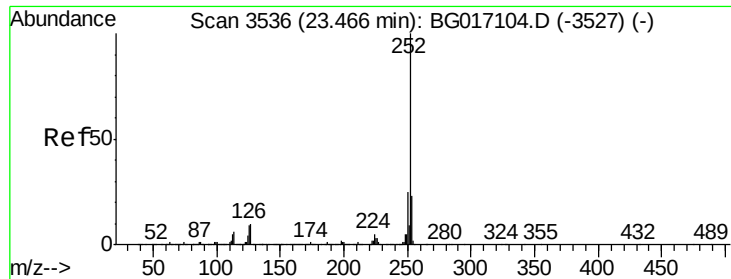
Tgt Ion:252 Resp: 450211
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 8.2 5.9 8.9



#88
Benzo(k)fluoranthene
Concen: 42.90 ng
RT: 22.87 min Scan# 3434
Delta R.T. -0.01 min
Lab File: BG017317.D
Acq: 28 May 2015 2:47

Tgt Ion:252 Resp: 422929
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 7.9 6.4 9.6





#89

Benzo(a)pyrene

Concen: 43.89 ng

RT: 23.40 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

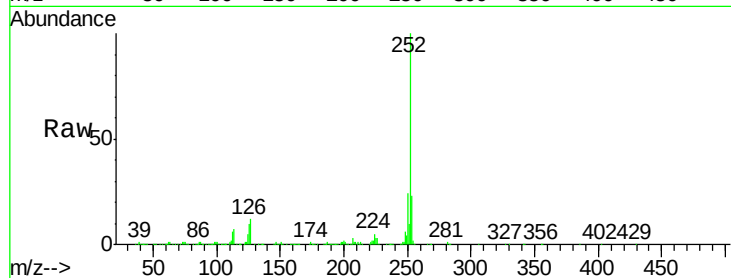
Tgt Ion:252 Resp: 418507

Ion Ratio Lower Upper

252 100

253 23.0 18.4 27.6

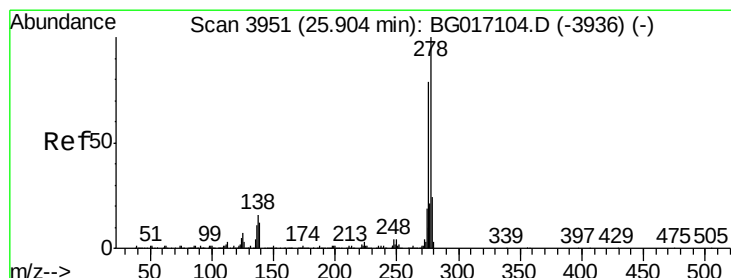
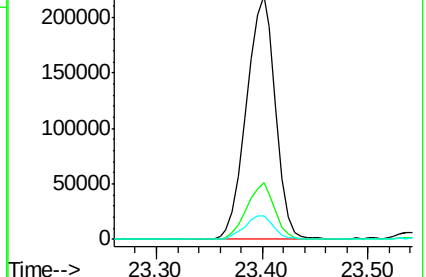
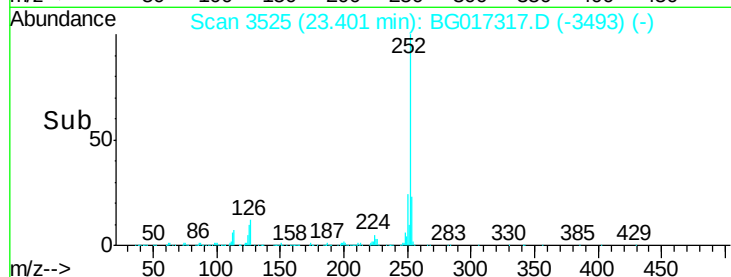
125 9.6 7.2 10.8



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: 42.63 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.03 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

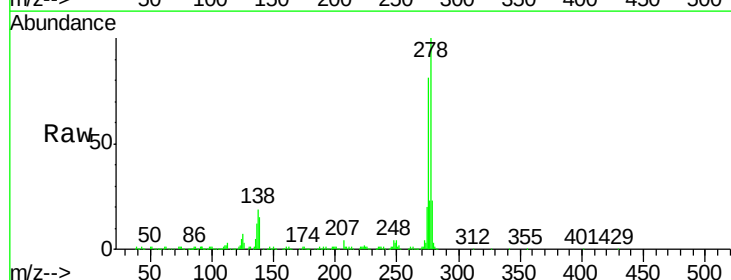
Tgt Ion:278 Resp: 417415

Ion Ratio Lower Upper

278 100

139 14.7 9.4 14.2#

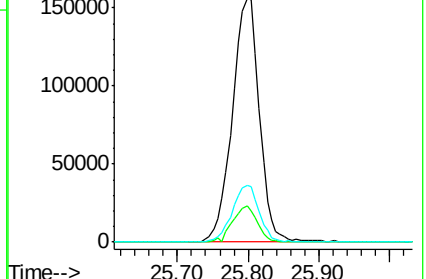
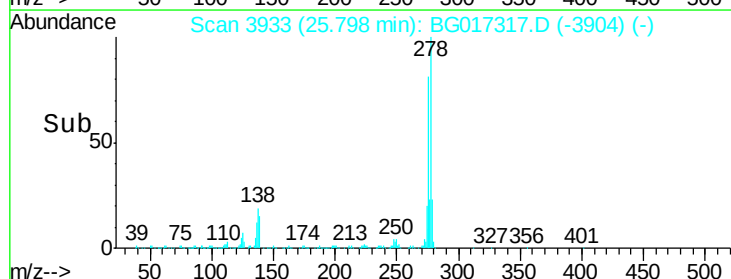
279 23.3 19.1 28.7

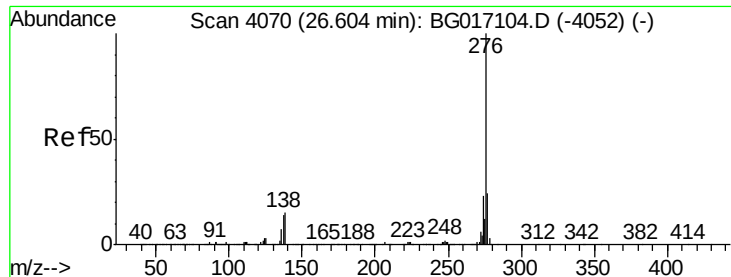


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.29 ng

RT: 26.49 min Scan# 4051

Delta R.T. -0.03 min

Lab File: BG017317.D

Acq: 28 May 2015 2:47

Instrument :

BNA_G

ClientSampleId :

TP-18-D13MS

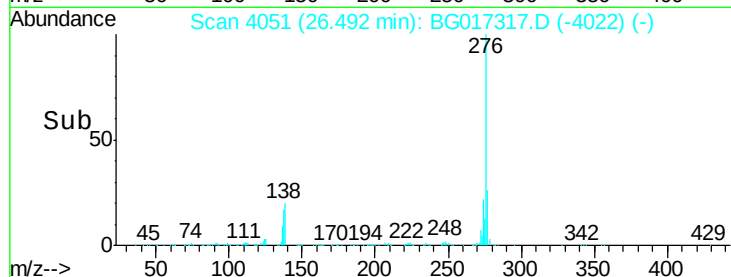
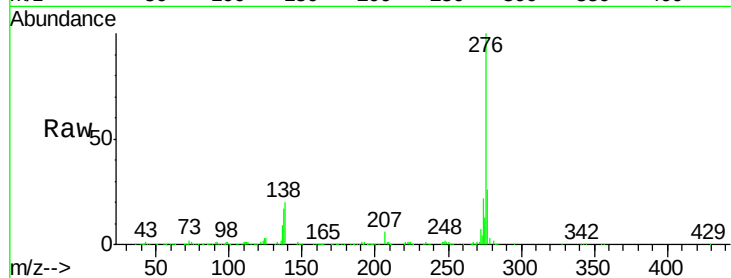
Tgt Ion: 276 Resp: 389697

Ion Ratio Lower Upper

276 100

277 25.7 18.9 28.3

138 19.5 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

