

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017447.D
 Acq On : 4 Jun 2015 18:23
 Operator : TP/IZ
 Sample : PB83815BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Quant Time: Jun 05 03:58:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 03:51:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	16217	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	66273	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	45346	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	110161	20.00	ng	0.00
75) Chrysene-d12	21.24	240	135413	20.00	ng	0.00
86) Perylene-d12	23.46	264	133431	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	89459	97.19	ng	0.01
7) Phenol-d6	6.83	99	115579	92.17	ng	0.00
23) Nitrobenzene-d5	8.79	82	143057	107.76	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	55957	88.84	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	315075	104.81	ng	0.00
78) Terphenyl-d14	19.68	244	691141	105.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.07	88	12419	29.98	ng	85
3) Pyridine	3.47	79	36430	32.92	ng	93
4) n-Nitrosodimethylamine	3.39	42	29566	40.76	ng	# 92
6) Aniline	6.96	93	43551	25.87	ng	95
8) 2-Chlorophenol	7.20	128	43030	39.53	ng	98
9) Benzaldehyde	6.76	77	2927	3.44	ng	92
10) Phenol	6.85	94	53131	41.25	ng	94
11) bis(2-Chloroethyl)ether	7.06	93	37344	38.05	ng	88
12) 1,3-Dichlorobenzene	7.51	146	44733	36.76	ng	93
13) 1,4-Dichlorobenzene	7.66	146	46420	36.40	ng	94
14) 1,2-Dichlorobenzene	7.97	146	43558	36.49	ng	98
15) Benzyl Alcohol	7.88	79	43262	37.05	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.17	45	61875	37.41	ng	95
17) 2-Methylphenol	8.09	107	37560	38.43	ng	96
18) Hexachloroethane	8.70	117	19646	38.62	ng	96
19) n-Nitroso-di-n-propylamine	8.43	70	35415	33.38	ng	92
20) 3+4-Methylphenols	8.42	107	52534	38.85	ng	93
22) Acetophenone	8.45	105	63717	39.22	ng	# 97
24) Nitrobenzene	8.83	77	56357	40.89	ng	96
25) Isophorone	9.35	82	96721	34.83	ng	99
26) 2-Nitrophenol	9.54	139	24189	37.84	ng	# 85
27) 2,4-Dimethylphenol	9.61	122	42029	40.44	ng	96
28) bis(2-Chloroethoxy)methane	9.84	93	48714	38.40	ng	95
29) 2,4-Dichlorophenol	10.08	162	43170	42.62	ng	97
30) 1,2,4-Trichlorobenzene	10.28	180	44231	37.14	ng	98
31) Naphthalene	10.47	128	127489	36.82	ng	98
32) Benzoic acid	9.77	122	18535	28.21	ng	88
33) 4-Chloroaniline	10.59	127	27964	18.20	ng	97
34) Hexachlorobutadiene	10.75	225	28939	37.33	ng	93
35) Caprolactam	11.35	113	11617	20.84	ng	94
36) 4-Chloro-3-methylphenol	11.75	107	52611	39.92	ng	92
37) 2-Methylnaphthalene	12.09	142	99480	37.38	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.46	216	51766	37.52	ng	93
40) Hexachlorocyclopentadiene	12.45	237	62171	76.66	ng	95

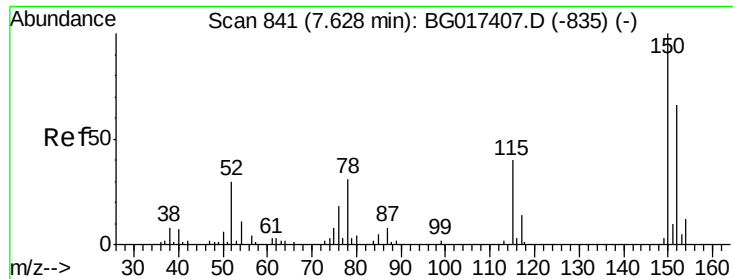
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060415\
 Data File : BG017447.D
 Acq On : 4 Jun 2015 18:23
 Operator : TP/IZ
 Sample : PB83815BSD
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 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Quant Time: Jun 05 03:58:39 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 03:51:43 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	36189	36.63	ng	98
43) 2,4,5-Trichlorophenol	12.80	196	38888	35.93	ng	97
45) 1,1'-Biphenyl	13.12	154	127438	38.45	ng	99
46) 2-Chloronaphthalene	13.16	162	102765	37.08	ng	95
47) 2-Nitroaniline	13.37	65	39710	38.80	ng	96
48) Acenaphthylene	14.01	152	171332	35.10	ng	98
49) Dimethylphthalate	13.76	163	139752	35.40	ng	99
50) 2,6-Dinitrotoluene	13.88	165	32853	37.04	ng	98
51) Acenaphthene	14.36	154	100698	34.99	ng	97
52) 3-Nitroaniline	14.21	138	21811	22.71	ng	87
53) 2,4-Dinitrophenol	14.42	184	41194	74.54	ng	96
54) Dibenzofuran	14.69	168	157209	37.03	ng	98
55) 4-Nitrophenol	14.56	139	57284	74.80	ng	94
56) 2,4-Dinitrotoluene	14.67	165	48606	38.47	ng	92
57) Fluorene	15.34	166	139917	36.34	ng	97
58) 2,3,4,6-Tetrachlorophenol	14.93	232	38719	39.22	ng	98
59) Diethylphthalate	15.13	149	152932	35.70	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	73903	37.88	ng	96
61) 4-Nitroaniline	15.38	138	40756	38.54	ng	91
62) Azobenzene	15.63	77	157330	38.64	ng	98
64) 4,6-Dinitro-2-methylphenol	15.43	198	31267	38.29	ng	83
65) n-Nitrosodiphenylamine	15.56	169	123038	37.45	ng	97
66) 4-Bromophenyl-phenylether	16.24	248	46508	38.14	ng	94
67) Hexachlorobenzene	16.35	284	51958	39.63	ng	99
68) Atrazine	16.51	200	55854	38.62	ng	96
69) Pentachlorophenol	16.70	266	61645	77.04	ng	93
70) Phenanthrene	17.08	178	229127	37.30	ng	98
71) Anthracene	17.17	178	241919	39.43	ng	99
72) Carbazole	17.45	167	233206	38.49	ng	98
73) Di-n-butylphthalate	18.02	149	300863	38.78	ng	98
74) Fluoranthene	19.11	202	315191	39.24	ng	99
76) Benzidine	19.30	184	140895	30.27	ng	99
77) Pyrene	19.47	202	328239	39.35	ng	99
79) Butylbenzylphthalate	20.37	149	146342	40.54	ng	96
80) Benzo(a)anthracene	21.22	228	321970	38.66	ng	100
81) 3,3'-Dichlorobenzidine	21.15	252	73948	23.77	ng	98
82) Chrysene	21.27	228	301372	39.96	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	206694	39.71	ng	96
84) Di-n-octyl phthalate	22.02	149	349717	40.07	ng	100
85) Indeno(1,2,3-cd)pyrene	25.74	276	359833	38.00	ng	99
87) Benzo(b)fluoranthene	22.79	252	329548	38.97	ng	98
88) Benzo(k)fluoranthene	22.84	252	300053	37.08	ng	97
89) Benzo(a)pyrene	23.37	252	304535	39.27	ng	98
90) Dibenzo(a,h)anthracene	25.75	278	305334	37.90	ng	98
91) Benzo(g,h,i)perylene	26.44	276	290908	37.93	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

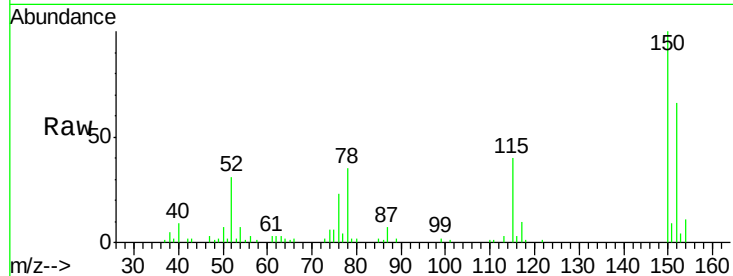
Tgt Ion:152 Resp: 16217

Ion Ratio Lower Upper

152 100

150 152.4 121.7 182.5

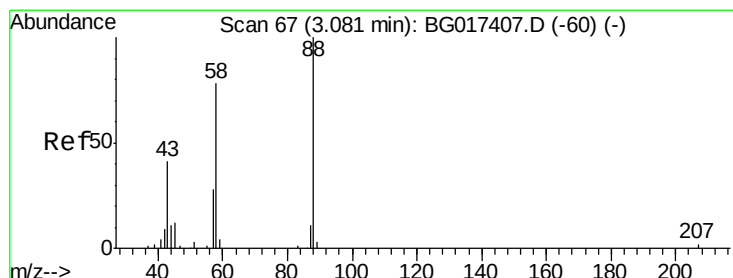
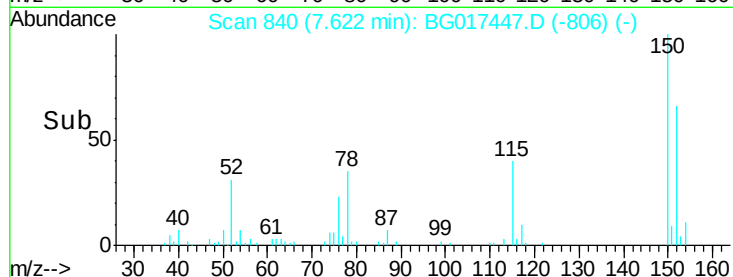
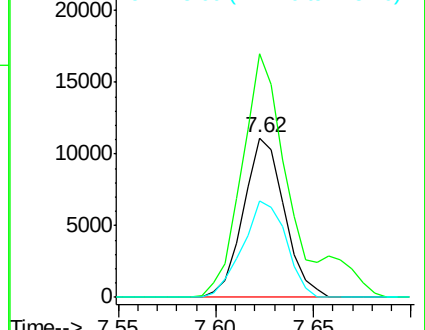
115 60.8 48.6 73.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 29.98 ng

RT: 3.07 min Scan# 66

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

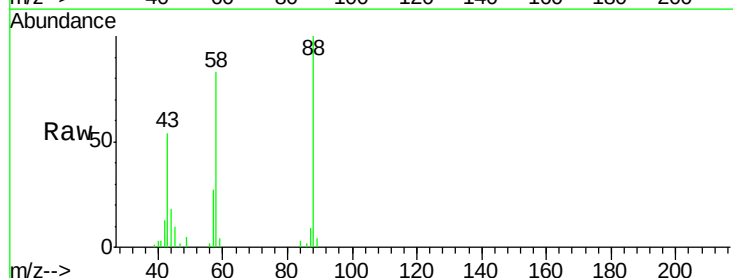
Tgt Ion: 88 Resp: 12419

Ion Ratio Lower Upper

88 100

58 88.5 59.0 88.6

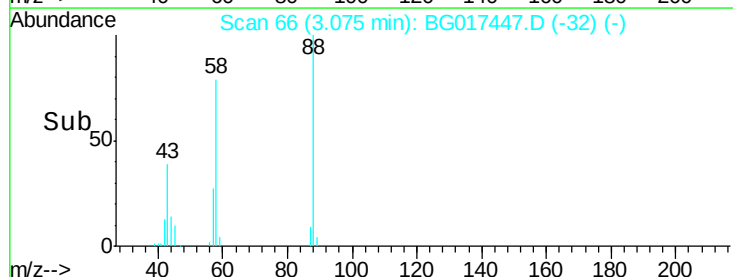
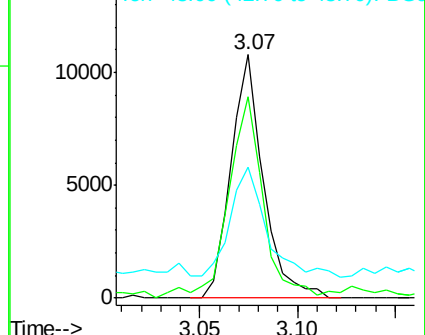
43 50.7 34.5 51.7

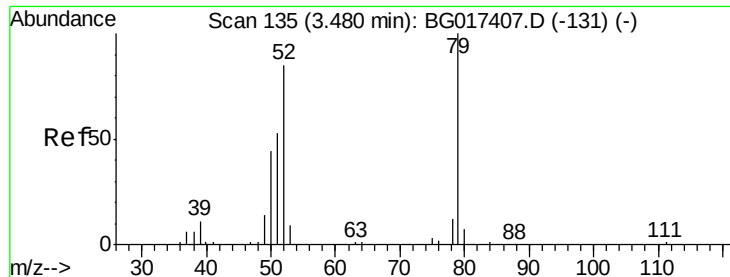


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 32.92 ng

RT: 3.47 min Scan# 133

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

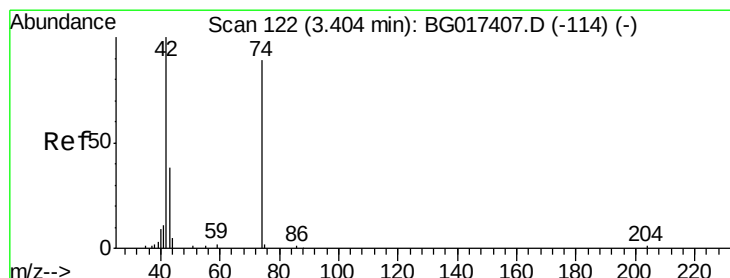
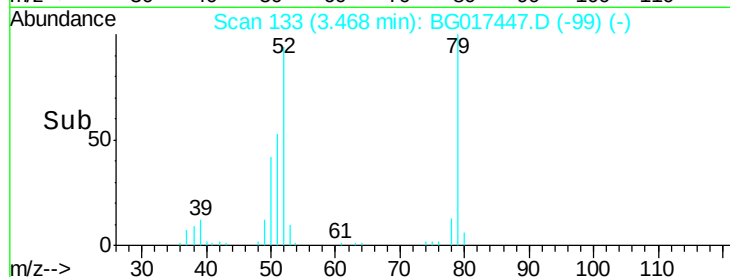
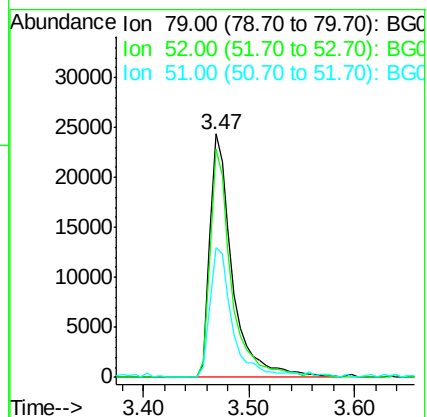
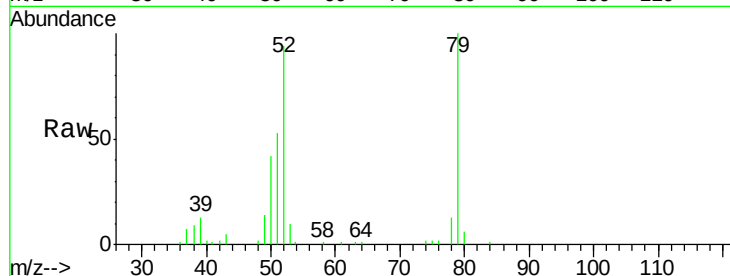
Tgt Ion: 79 Resp: 36430

Ion Ratio Lower Upper

79 100

52 93.9 68.3 102.5

51 53.5 45.0 67.4



#4

n-Nitrosodimethylamine

Concen: 40.76 ng

RT: 3.39 min Scan# 120

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

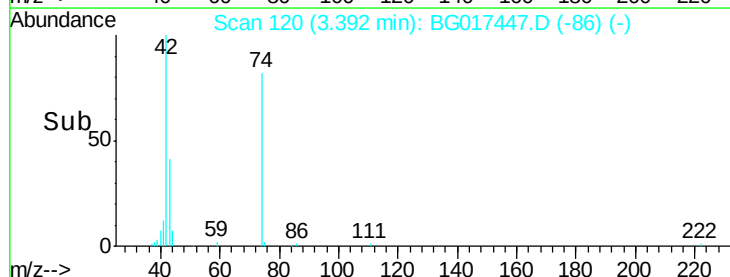
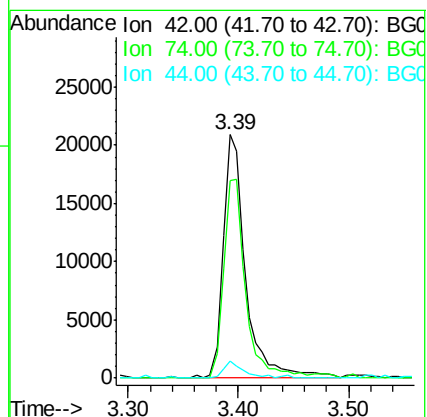
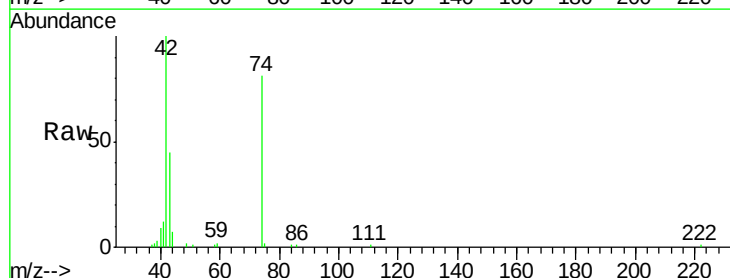
Tgt Ion: 42 Resp: 29566

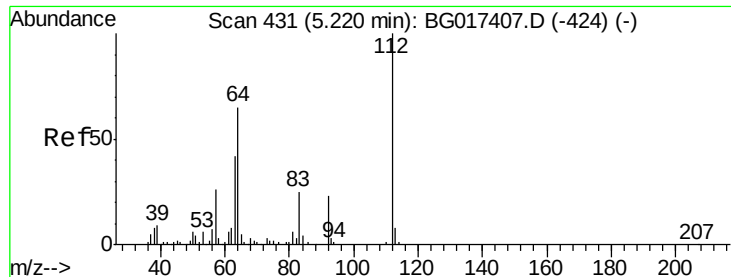
Ion Ratio Lower Upper

42 100

74 81.1 71.4 107.2

44 6.8 4.5 6.7#





#5

2-Fluorophenol

Concen: 97.19 ng

RT: 5.22 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

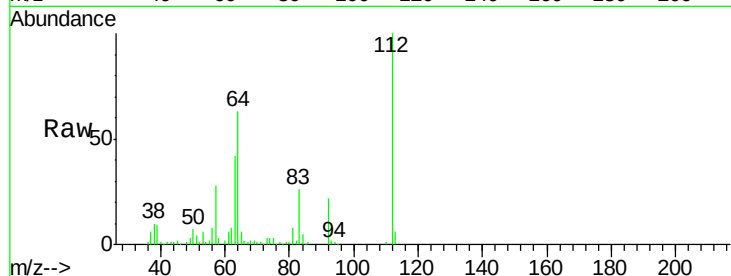
Tgt Ion: 112 Resp: 89459

Ion Ratio Lower Upper

112 100

64 63.3 51.6 77.4

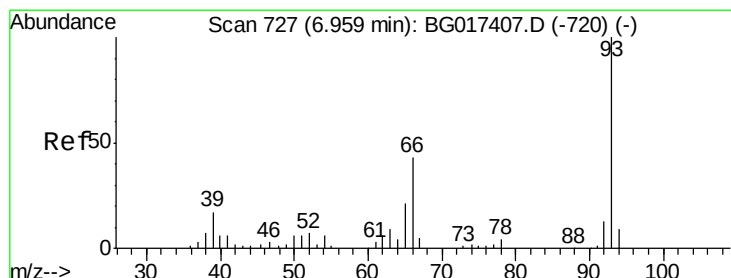
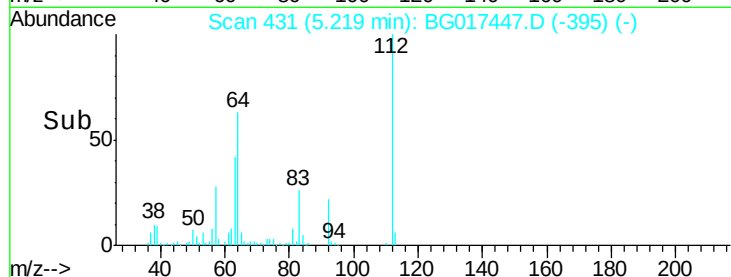
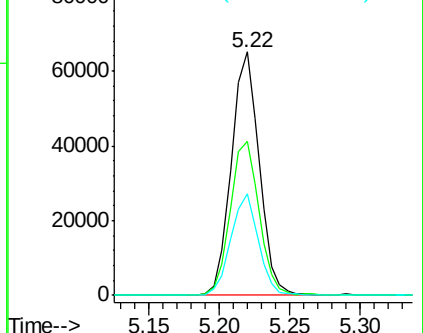
63 41.6 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 25.87 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

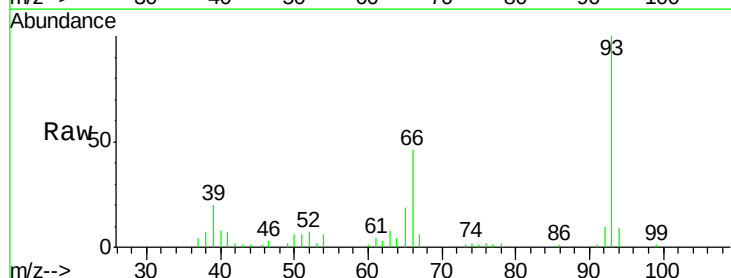
Tgt Ion: 93 Resp: 43551

Ion Ratio Lower Upper

93 100

66 46.2 34.3 51.5

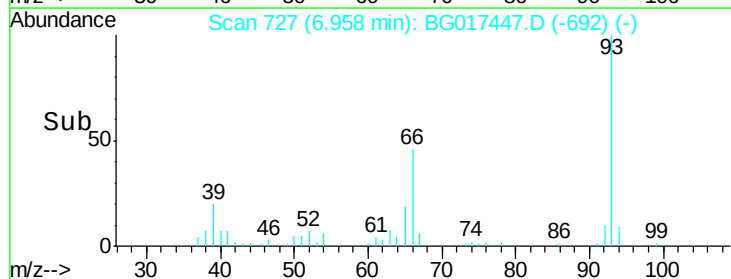
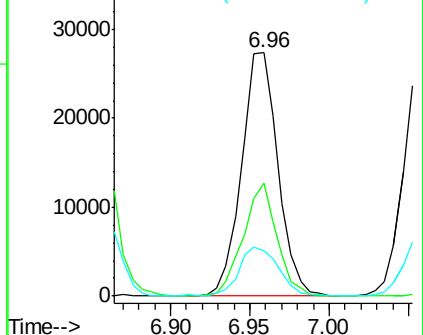
65 18.8 17.0 25.4

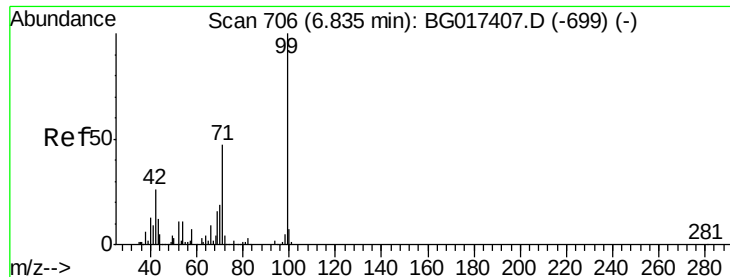


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.17 ng

RT: 6.83 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

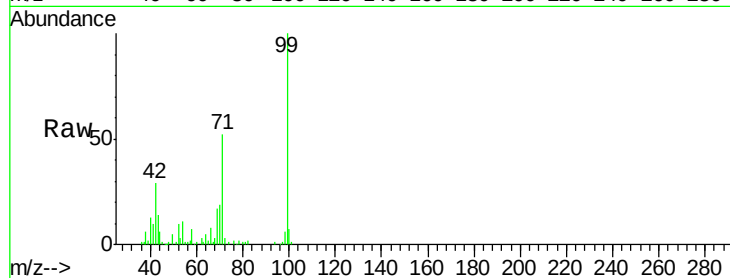
Tgt Ion: 99 Resp: 115579

Ion Ratio Lower Upper

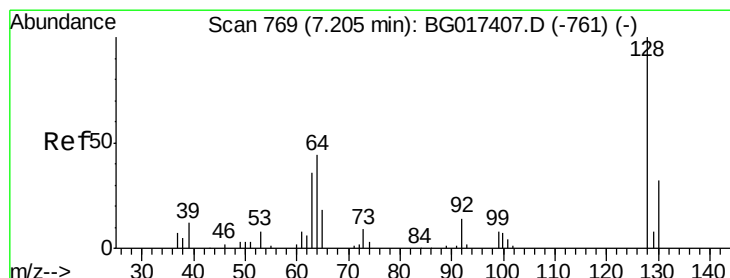
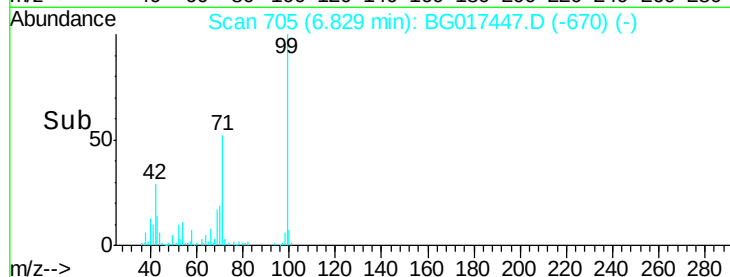
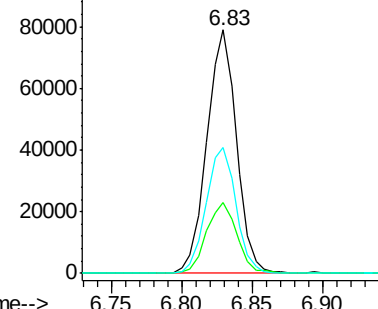
99 100

42 28.9 21.0 31.6

71 51.9 37.2 55.8



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: 39.53 ng

RT: 7.20 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

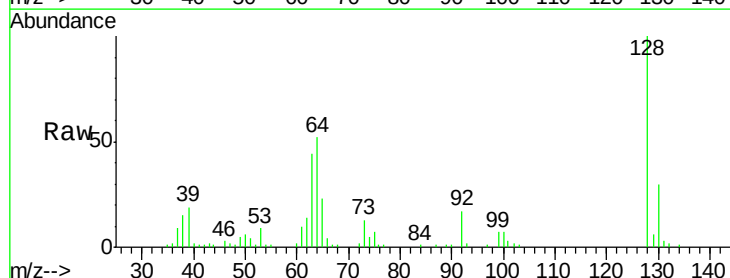
Tgt Ion: 128 Resp: 43030

Ion Ratio Lower Upper

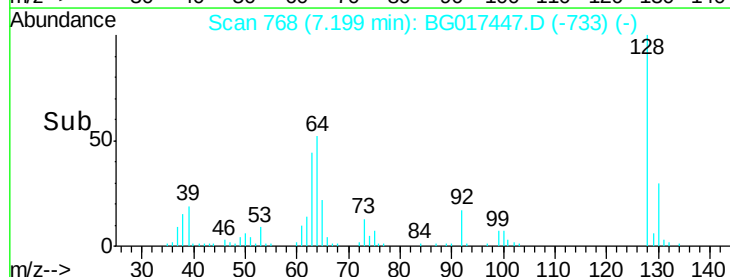
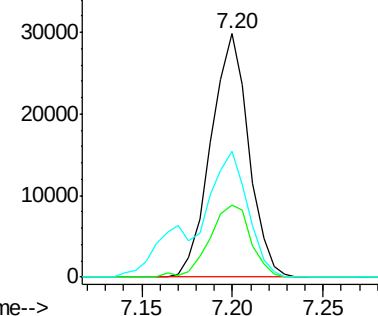
128 100

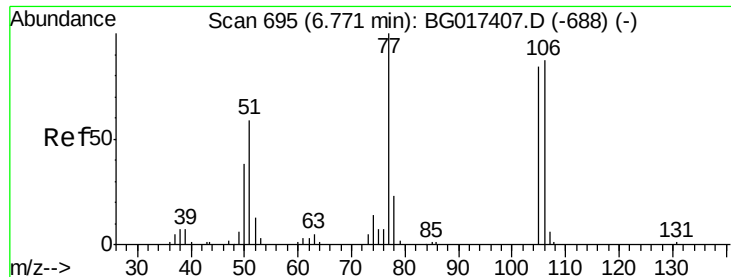
130 29.8 11.7 51.7

64 51.9 32.5 72.5



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: 3.44 ng

RT: 6.76 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampled :

PB83815BSD

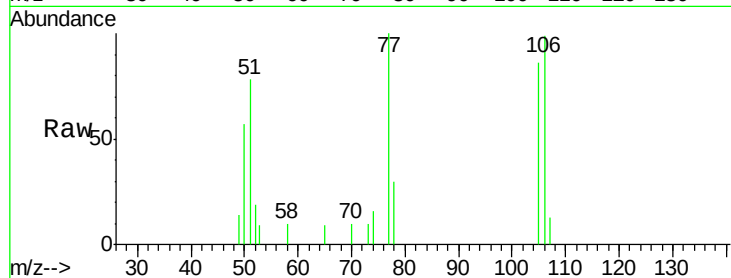
Tgt Ion: 77 Resp: 2927

Ion Ratio Lower Upper

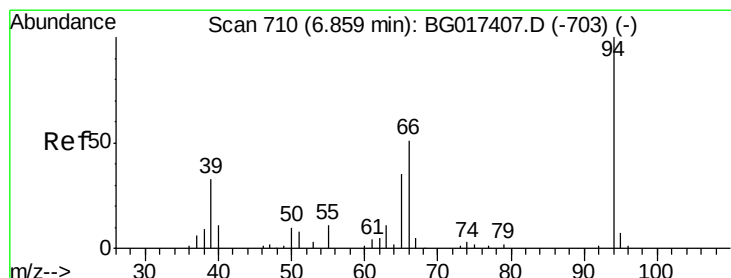
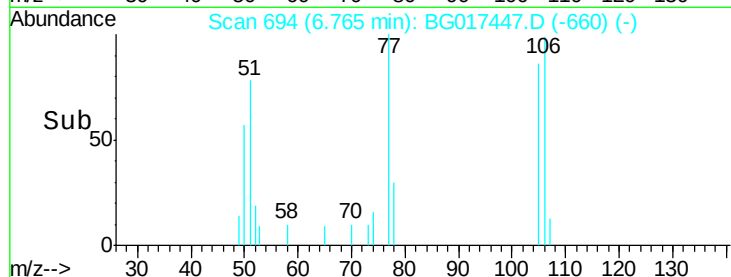
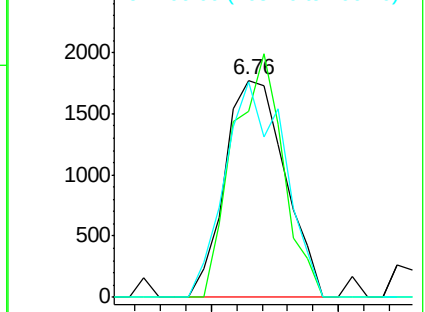
77 100

105 85.8 64.0 104.0

106 99.3 67.2 107.2



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



#10

Phenol

Concen: 41.25 ng

RT: 6.85 min Scan# 709

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

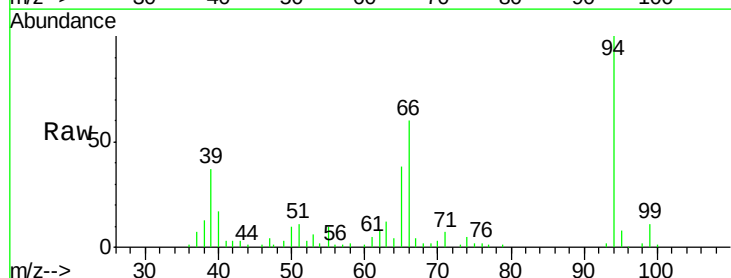
Tgt Ion: 94 Resp: 53131

Ion Ratio Lower Upper

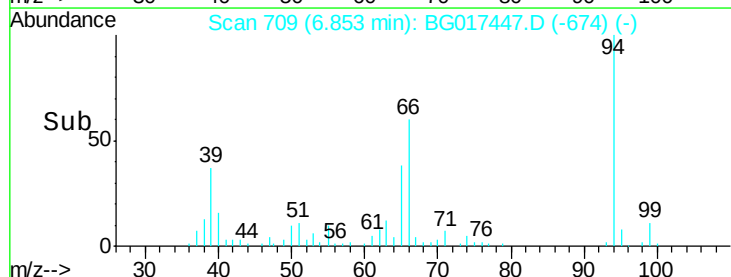
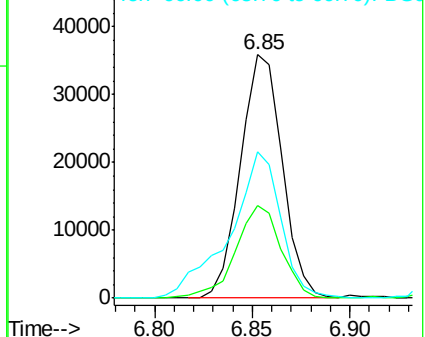
94 100

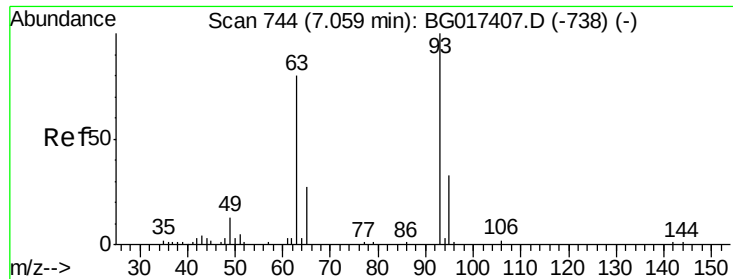
65 37.9 15.9 55.9

66 60.3 34.9 74.9



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

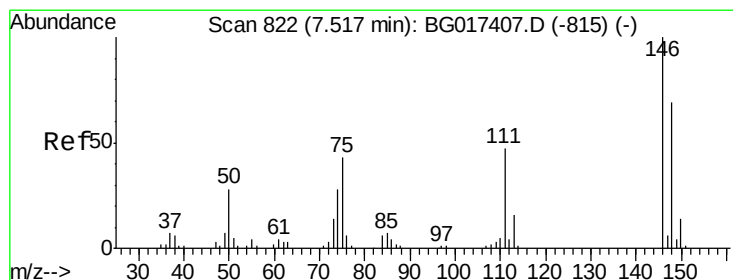
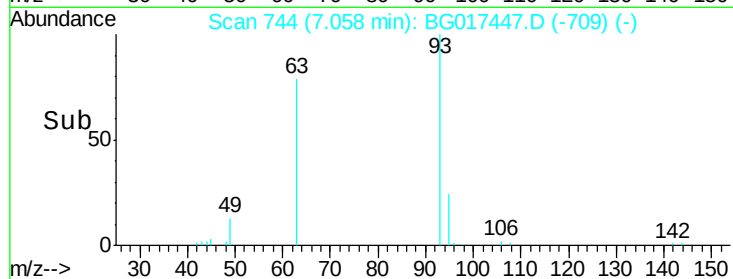
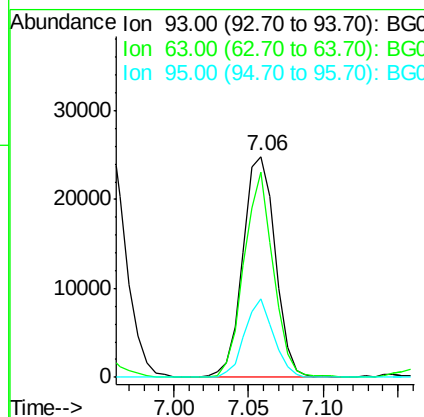
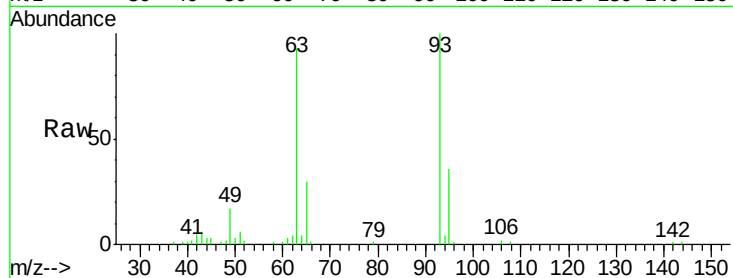




#11
 bis(2-Chloroethyl)ether
 Concen: 38.05 ng
 RT: 7.06 min Scan# 744
 Delta R.T. 0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

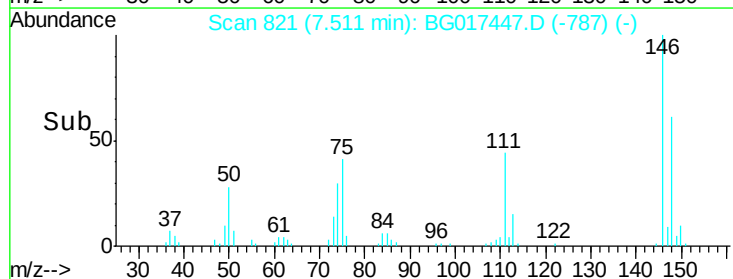
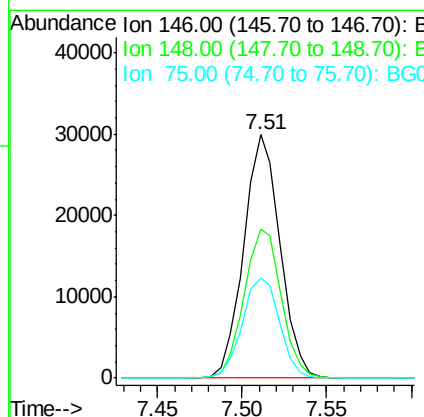
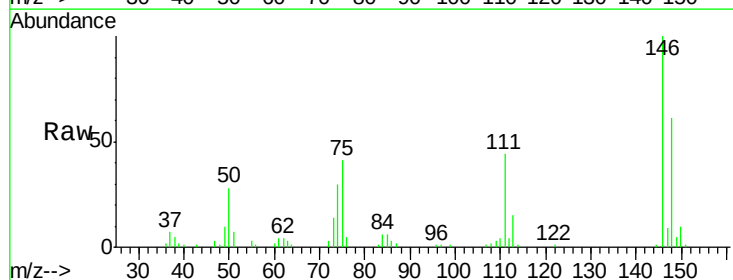
Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

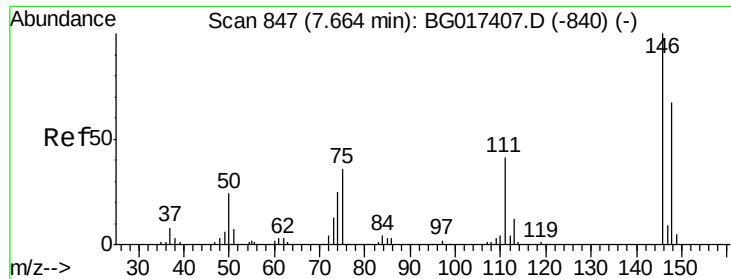
Tgt Ion:	93	Resp:	37344
Ion	Ratio	Lower	Upper
93	100		
63	92.9	59.7	99.7
95	35.7	13.2	53.2



#12
 1,3-Dichlorobenzene
 Concen: 36.76 ng
 RT: 7.51 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:	146	Resp:	44733
Ion	Ratio	Lower	Upper
146	100		
148	61.0	55.2	82.8
75	41.2	34.1	51.1

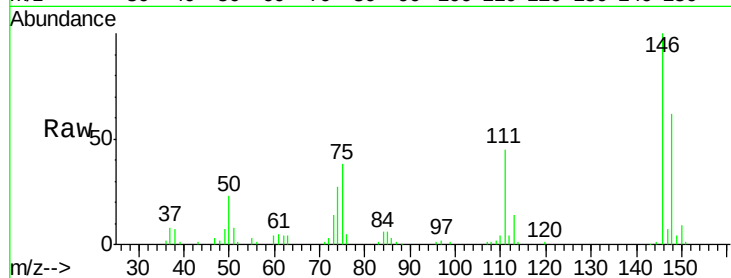




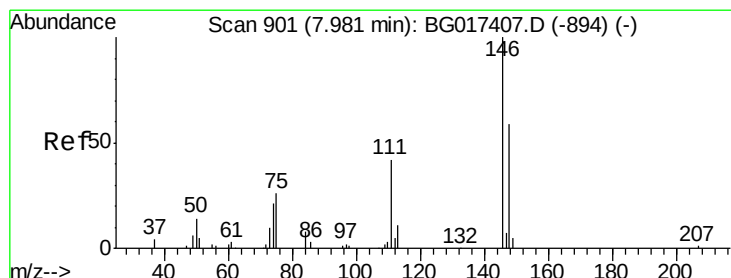
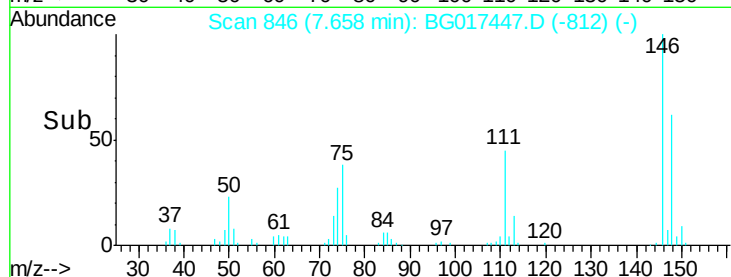
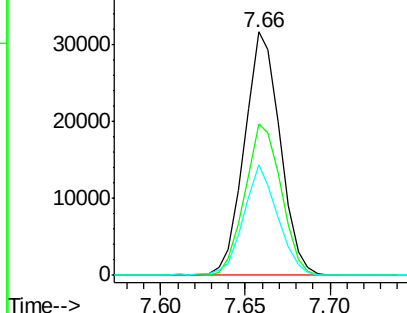
#13
 1,4-Dichlorobenzene
 Concen: 36.40 ng
 RT: 7.66 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion:146 Resp: 46420
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.2 79.8
 111 45.3 33.2 49.8

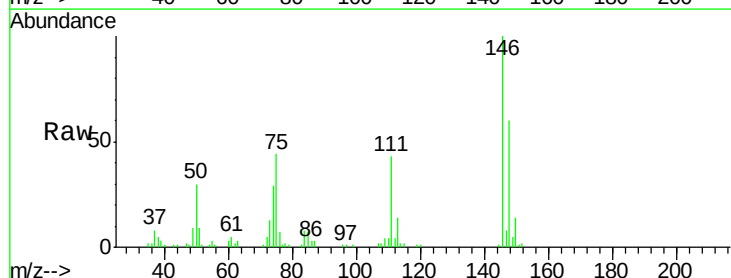


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

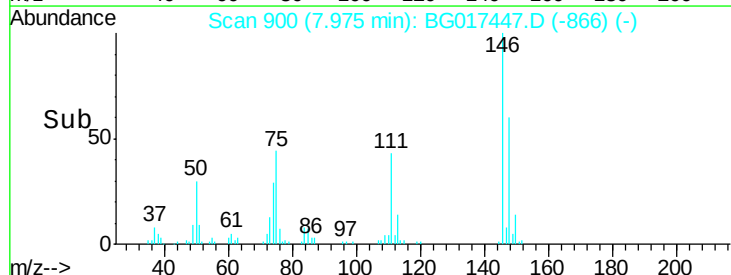
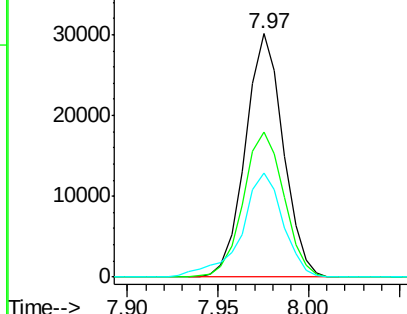


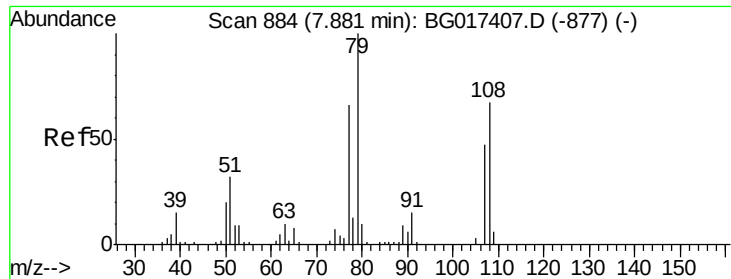
#14
 1,2-Dichlorobenzene
 Concen: 36.49 ng
 RT: 7.97 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:146 Resp: 43558
 Ion Ratio Lower Upper
 146 100
 148 59.8 46.9 70.3
 111 42.8 35.0 52.4



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





#15

Benzyl Alcohol

Concen: 37.05 ng

RT: 7.88 min Scan# 883

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

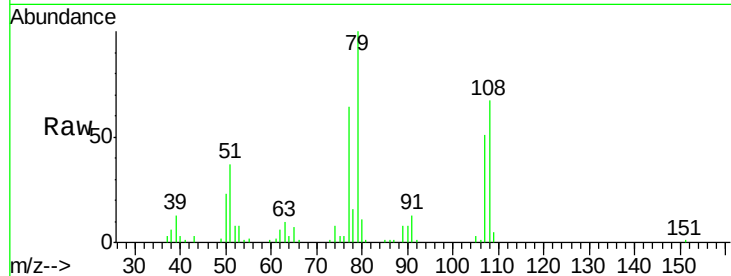
Tgt Ion: 79 Resp: 43262

Ion Ratio Lower Upper

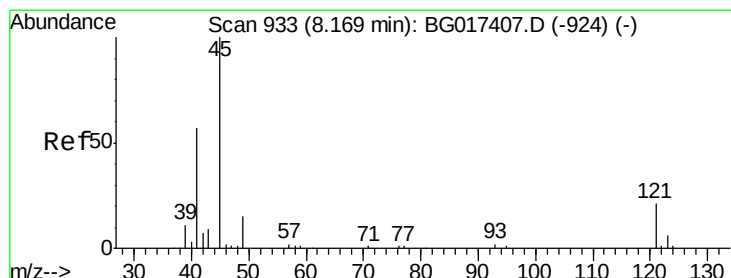
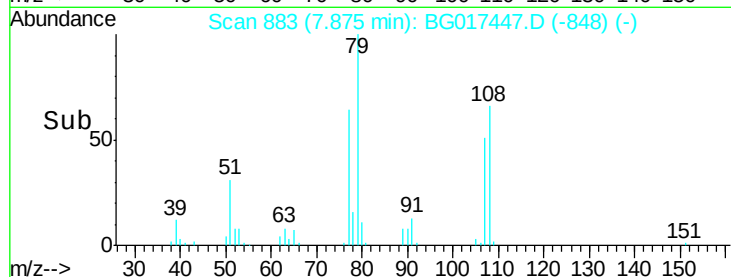
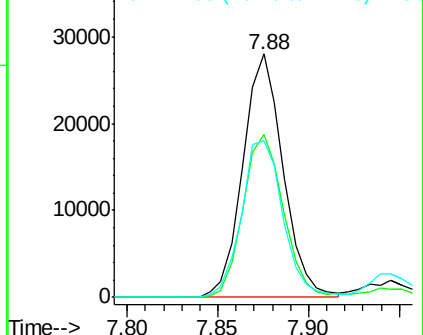
79 100

108 66.7 53.7 80.5

77 64.3 53.0 79.4



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.41 ng

RT: 8.17 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

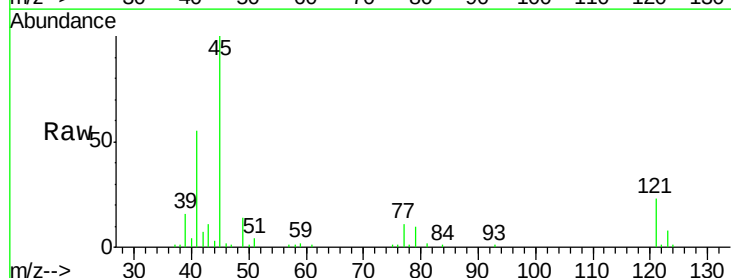
Tgt Ion: 45 Resp: 61875

Ion Ratio Lower Upper

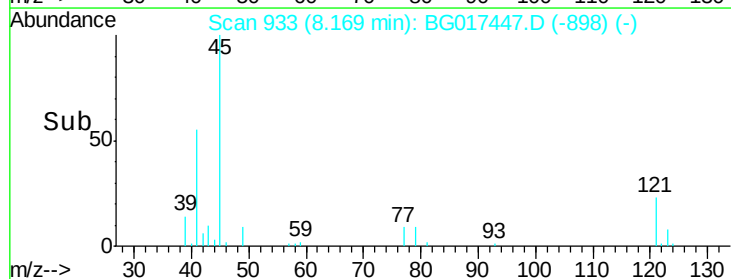
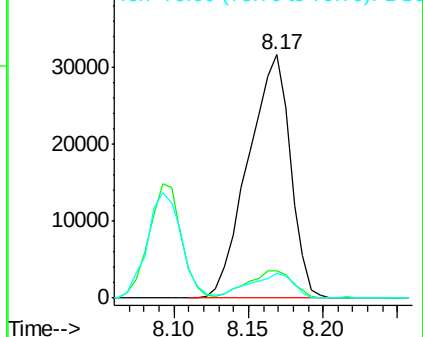
45 100

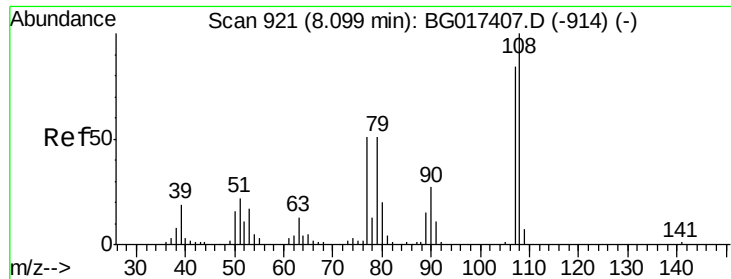
77 11.4 0.0 33.9

79 10.2 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.43 ng

RT: 8.09 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

Tgt Ion:107 Resp: 37560

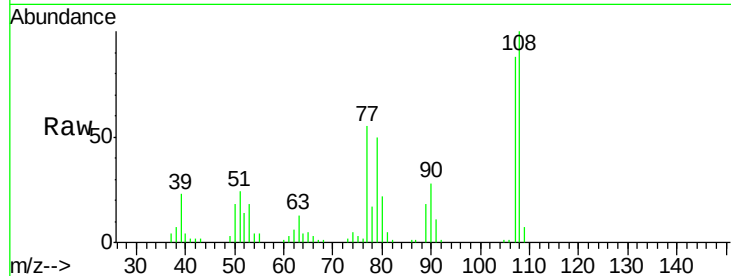
Ion Ratio Lower Upper

107 100

108 113.0 95.4 143.0

77 62.0 48.8 73.2

79 56.9 48.2 72.4



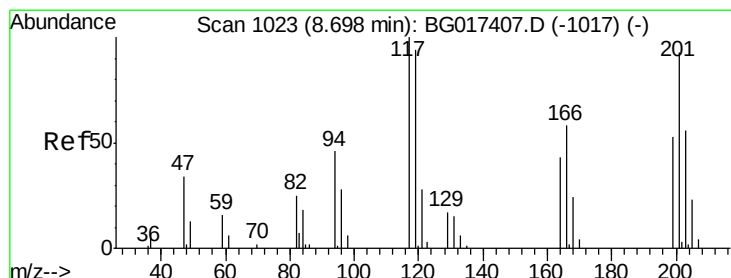
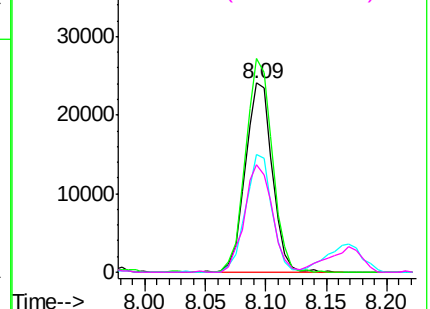
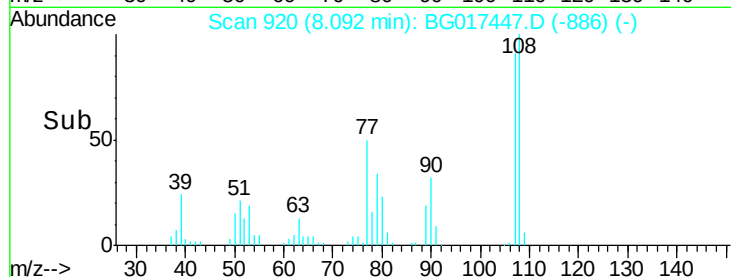
Abundance

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): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.62 ng

RT: 8.70 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

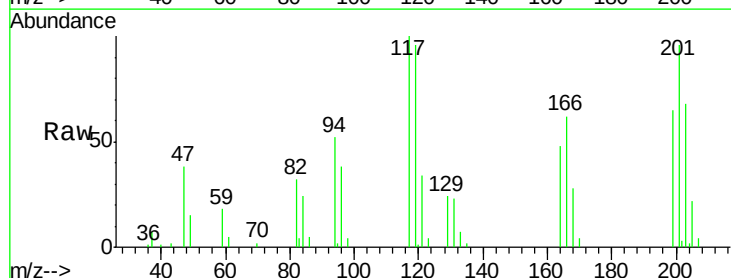
Tgt Ion:117 Resp: 19646

Ion Ratio Lower Upper

117 100

119 95.9 75.0 112.4

201 98.9 74.2 111.2

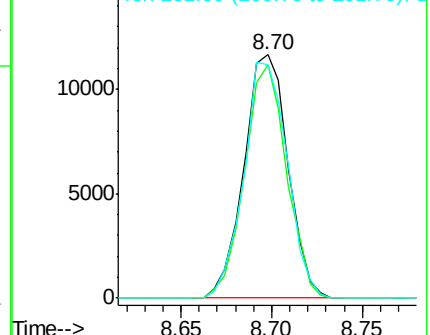
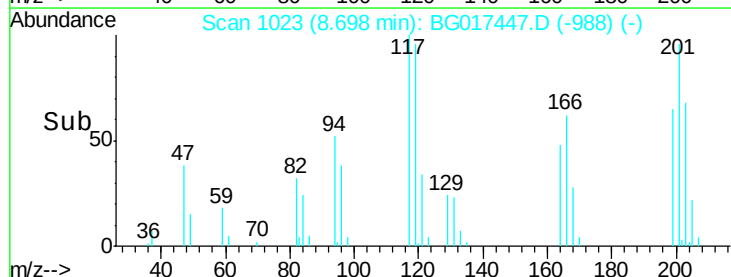


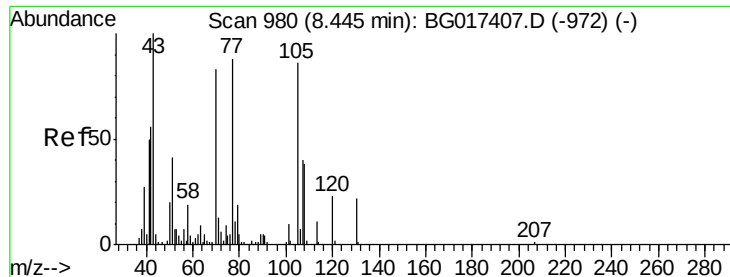
Abundance

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

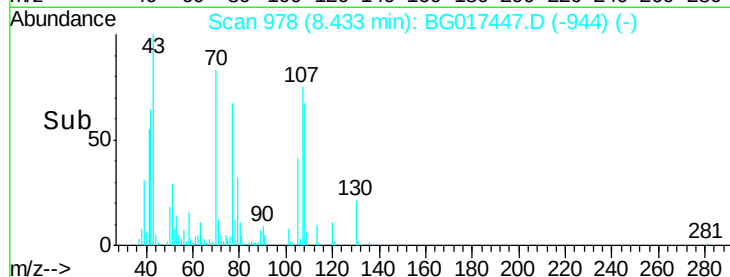
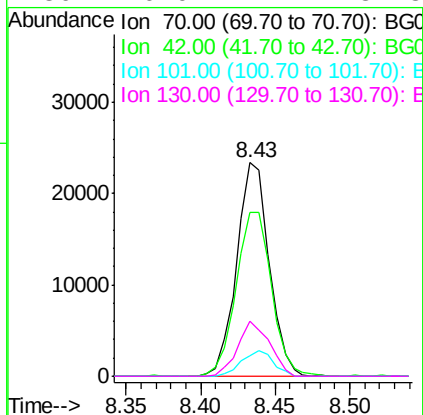
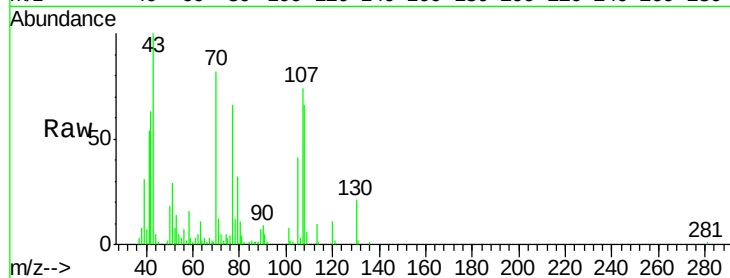




#19
n-Nitroso-di-n-propylamine
Concen: 33.38 ng
RT: 8.43 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

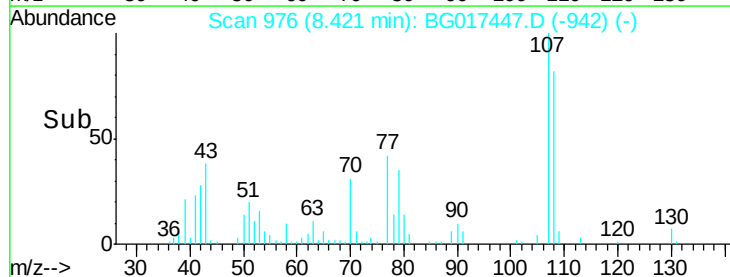
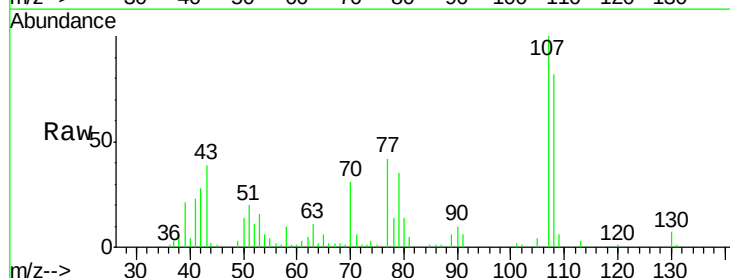
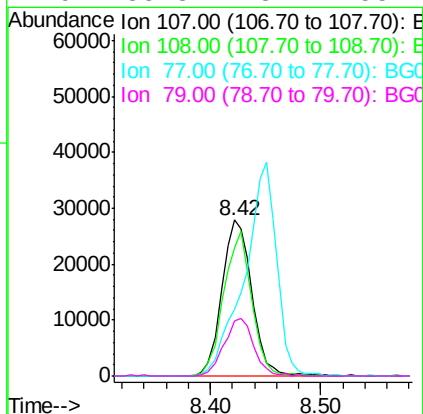
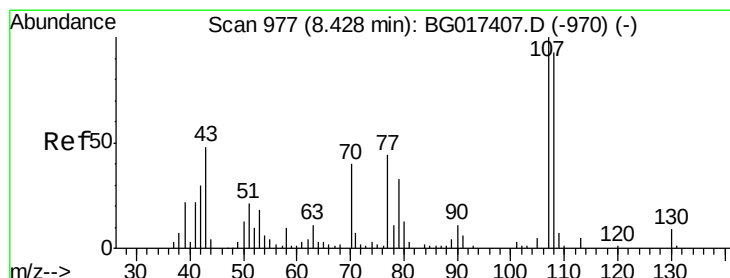
Instrument :
BNA_G
ClientSampleId :
PB83815BSD

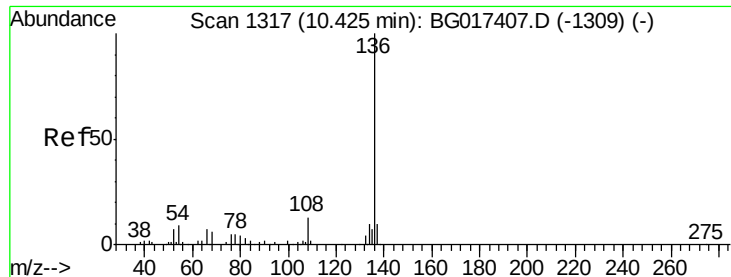
Tgt Ion:	70	Resp:	35415
Ion	Ratio	Lower	Upper
70	100		
42	76.5	53.8	80.8
101	9.8	9.5	14.3
130	26.0	21.2	31.8



#20
3+4-Methylphenols
Concen: 38.85 ng
RT: 8.42 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:	107	Resp:	52534
Ion	Ratio	Lower	Upper
107	100		
108	82.3	73.0	113.0
77	42.5	23.9	63.9
79	35.3	13.4	53.4

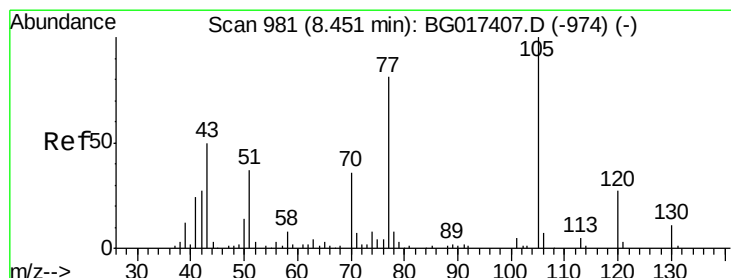
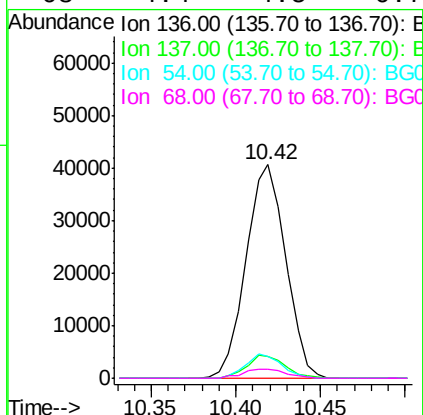
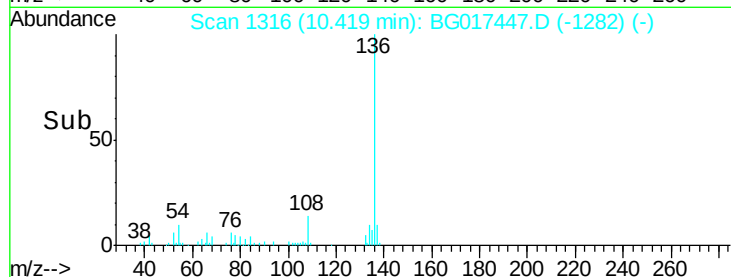
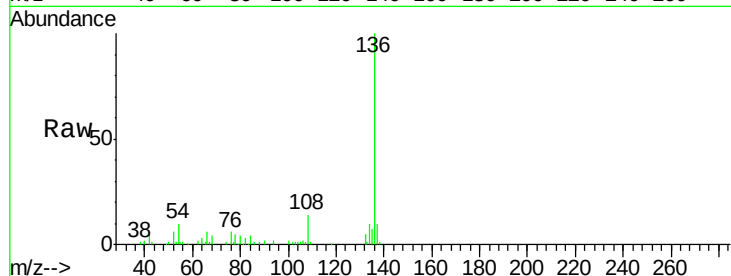




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

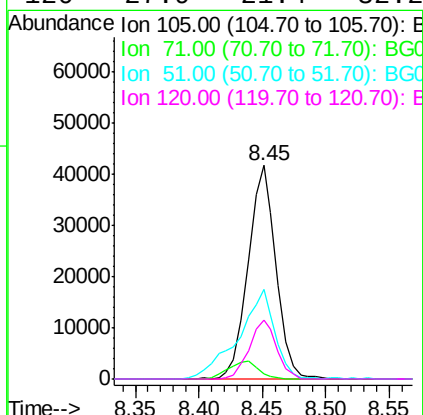
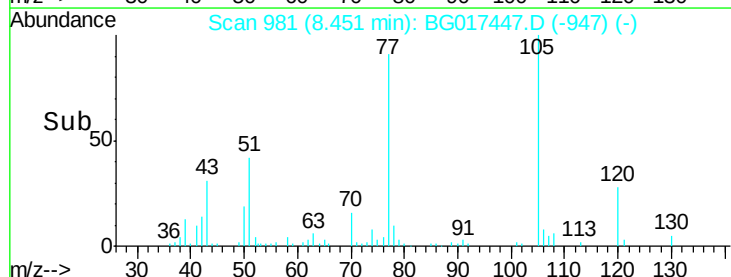
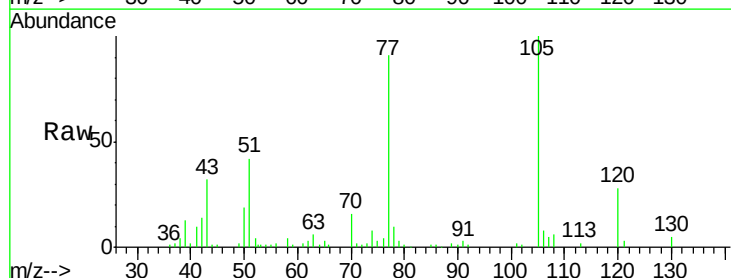
Instrument :
BNA_G
ClientSampleId :
PB83815BSD

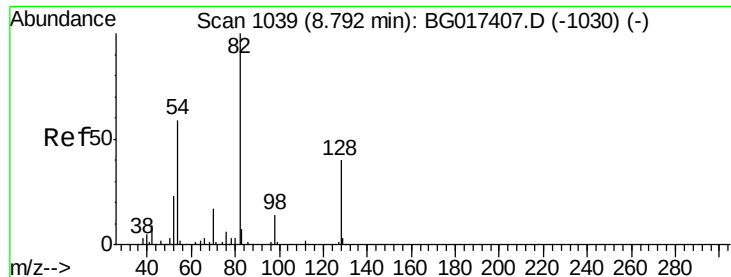
Tgt Ion:	136	Resp:	66273
Ion	Ratio	Lower	Upper
136	100		
137	10.4	7.9	11.9
54	10.2	7.2	10.8
68	4.4	4.5	6.7#



#22
Acetophenone
Concen: 39.22 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:	105	Resp:	63717
Ion	Ratio	Lower	Upper
105	100		
71	2.4	5.3	7.9#
51	41.8	32.4	48.6
120	27.9	21.4	32.2

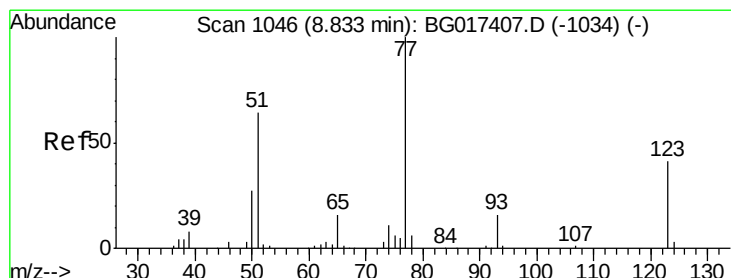
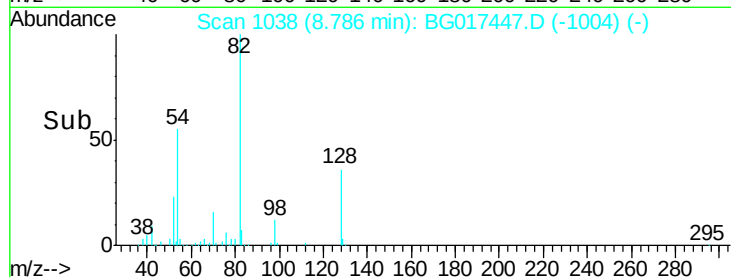
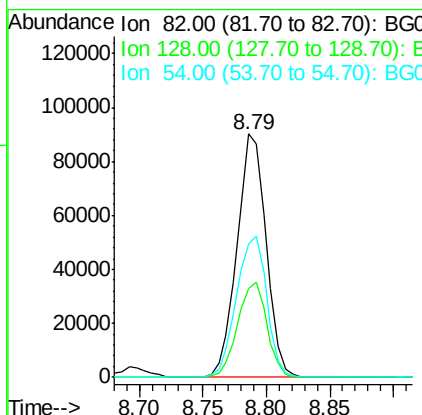
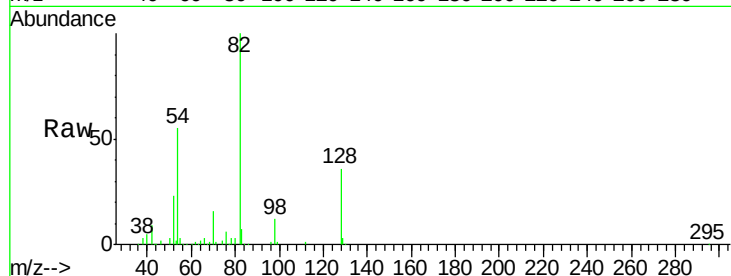




#23
 Nitrobenzene-d5
 Concen: 107.76 ng
 RT: 8.79 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

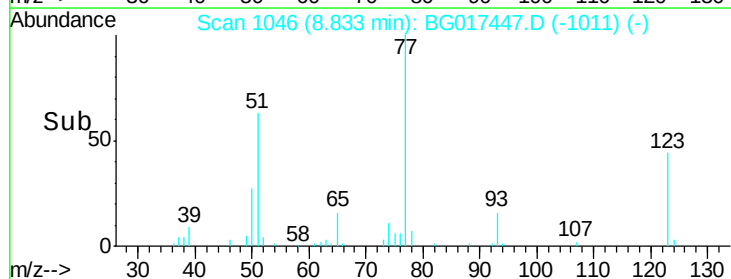
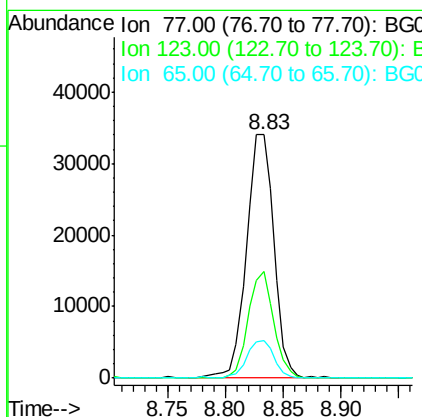
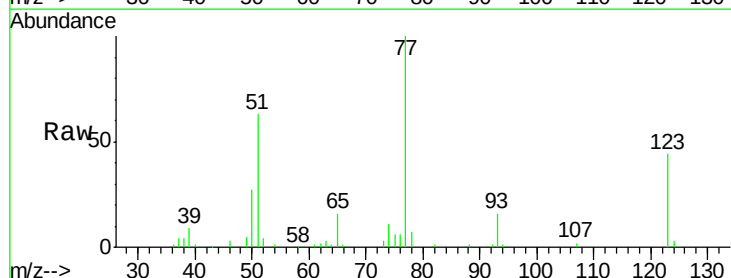
Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

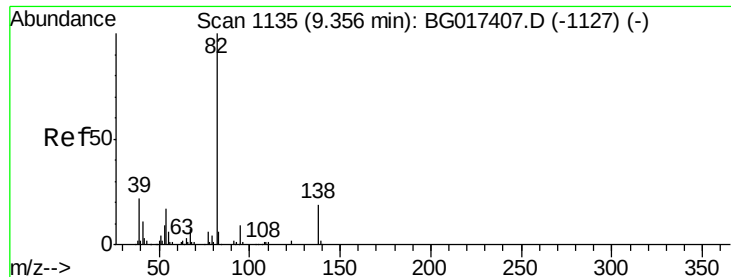
Tgt Ion: 82 Resp: 143057
 Ion Ratio Lower Upper
 82 100
 128 36.5 32.2 48.4
 54 54.9 47.4 71.2



#24
 Nitrobenzene
 Concen: 40.89 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion: 77 Resp: 56357
 Ion Ratio Lower Upper
 77 100
 123 43.9 32.6 49.0
 65 15.7 12.8 19.2





#25

Isophorone

Concen: 34.83 ng

RT: 9.35 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

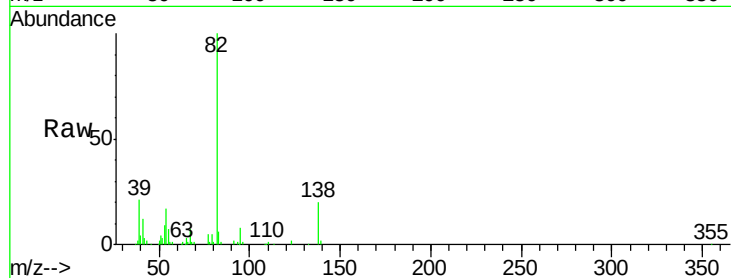
Tgt Ion: 82 Resp: 96721

Ion Ratio Lower Upper

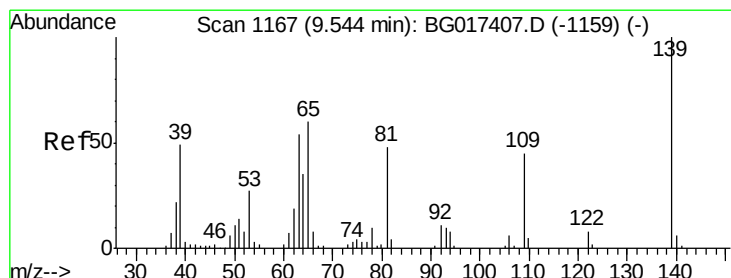
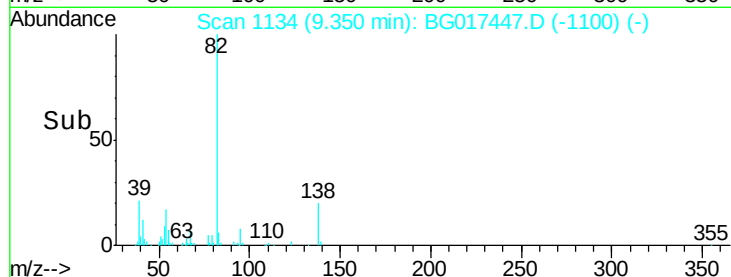
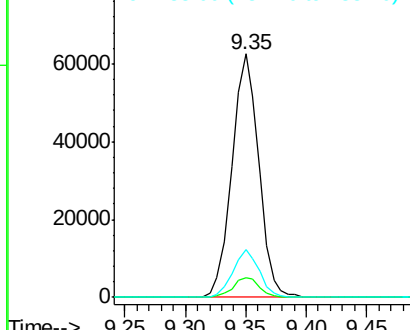
82 100

95 8.1 7.1 10.7

138 19.6 15.5 23.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 37.84 ng

RT: 9.54 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

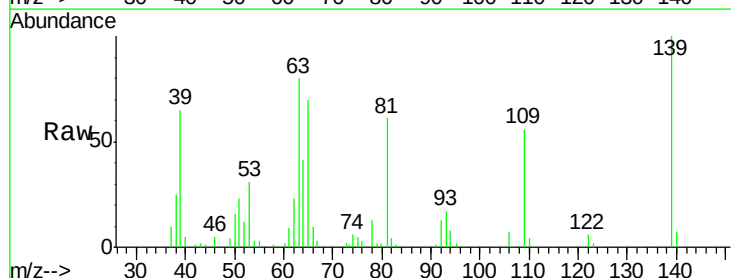
Tgt Ion: 139 Resp: 24189

Ion Ratio Lower Upper

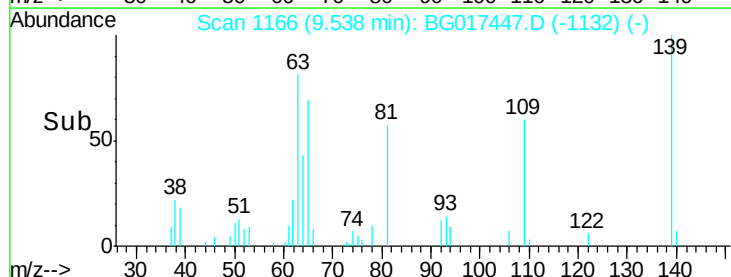
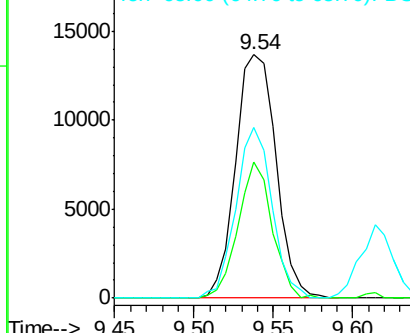
139 100

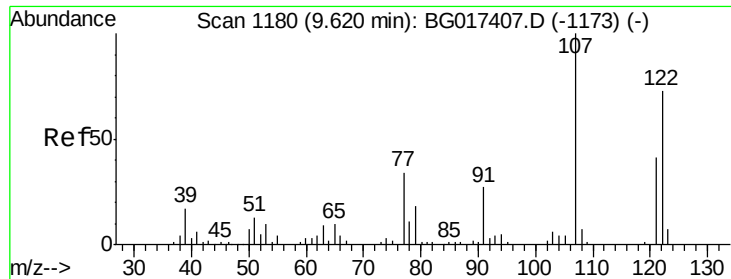
109 56.1 35.7 53.5#

65 70.0 48.3 72.5



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

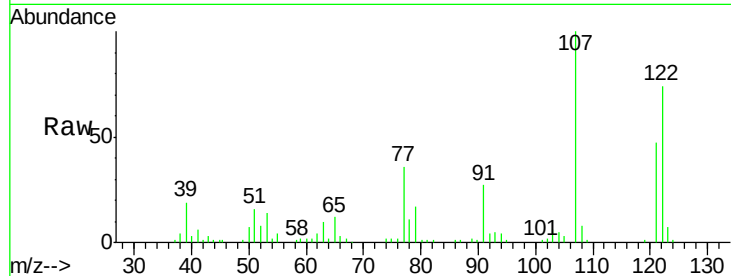




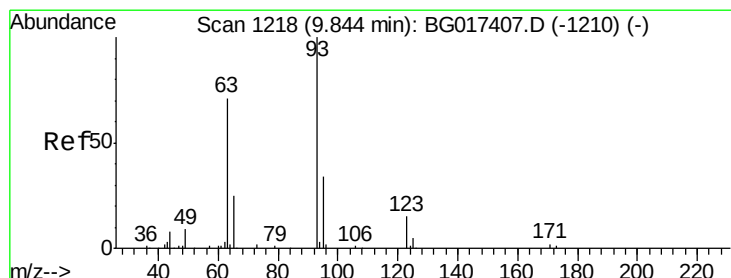
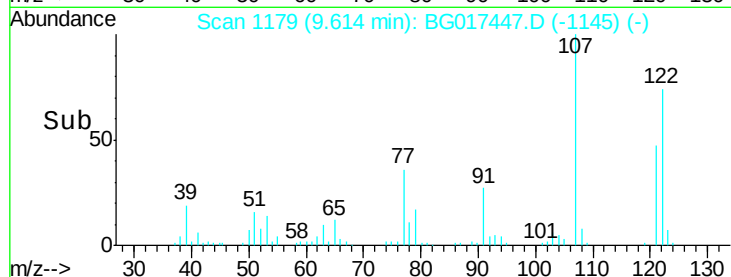
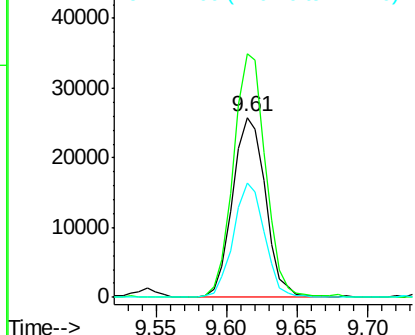
#27
 2,4-Dimethylphenol
 Concen: 40.44 ng
 RT: 9.61 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion: 122 Resp: 42029
 Ion Ratio Lower Upper
 122 100
 107 135.3 109.2 163.8
 121 63.3 44.3 66.5

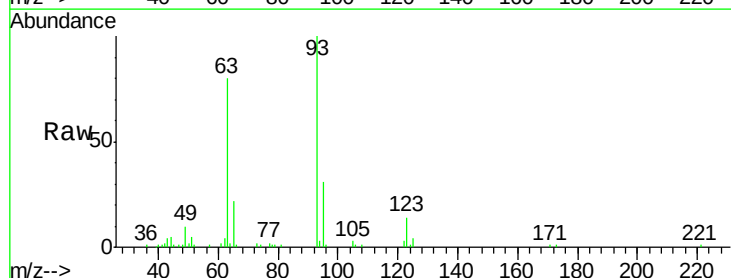


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

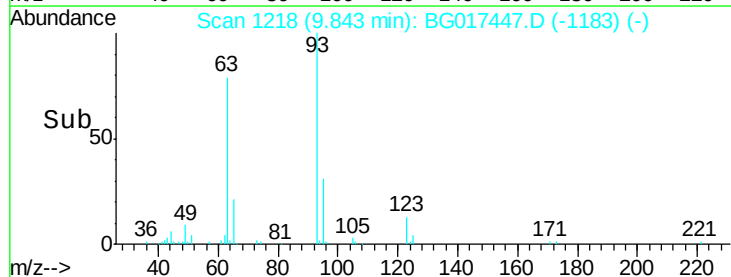
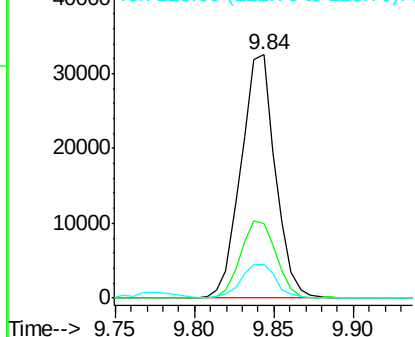


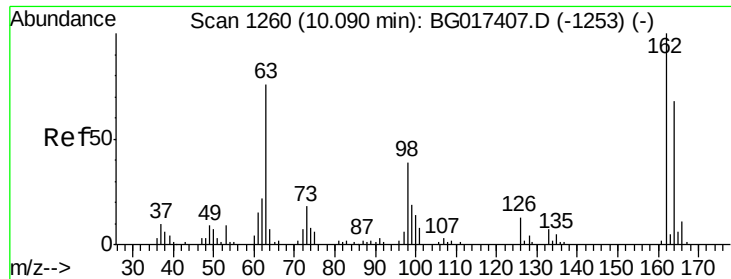
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.40 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion: 93 Resp: 48714
 Ion Ratio Lower Upper
 93 100
 95 30.7 27.0 40.6
 123 13.6 12.5 18.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 42.62 ng

RT: 10.08 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

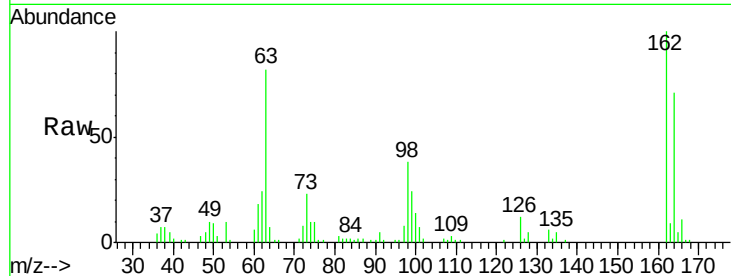
Tgt Ion:162 Resp: 43170

Ion Ratio Lower Upper

162 100

164 70.6 48.0 88.0

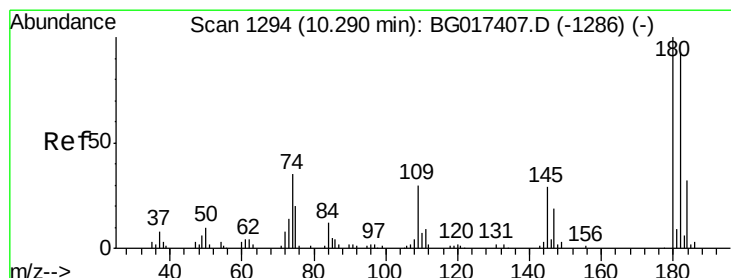
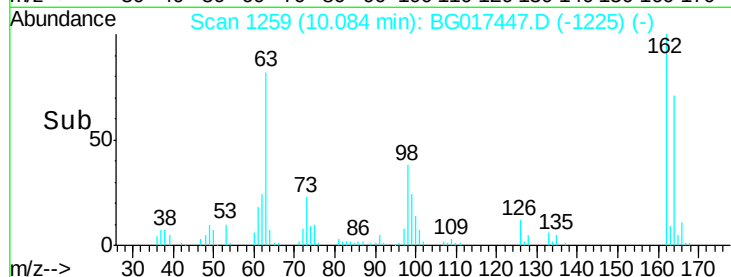
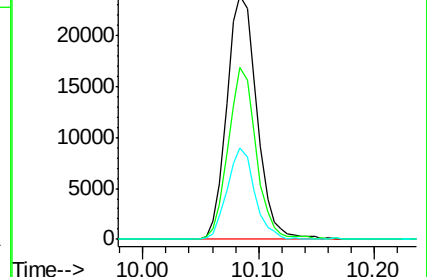
98 37.7 18.9 58.9



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 37.14 ng

RT: 10.28 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

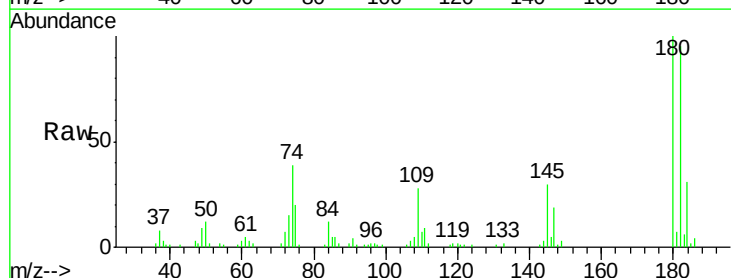
Tgt Ion:180 Resp: 44231

Ion Ratio Lower Upper

180 100

182 95.1 74.5 111.7

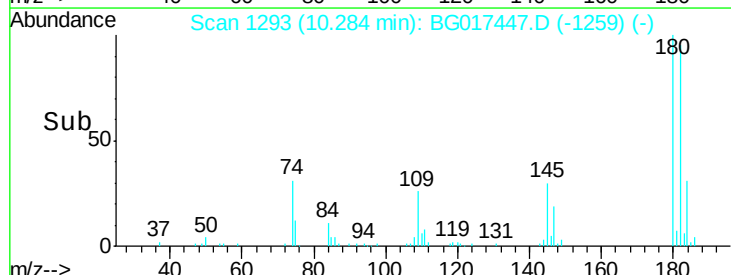
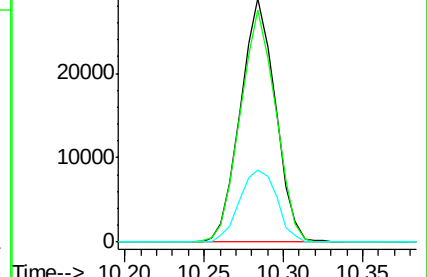
145 29.8 23.5 35.3

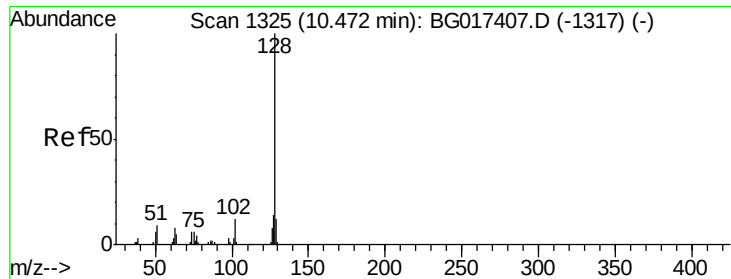


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.82 ng

RT: 10.47 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

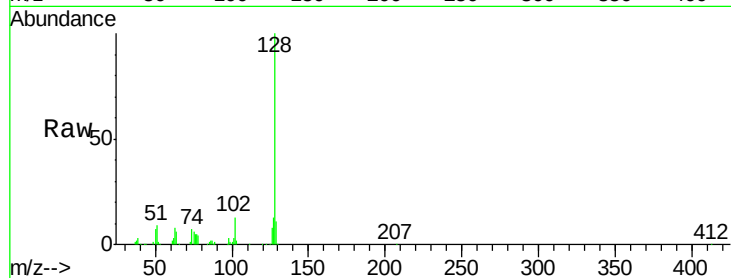
Tgt Ion:128 Resp: 127489

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

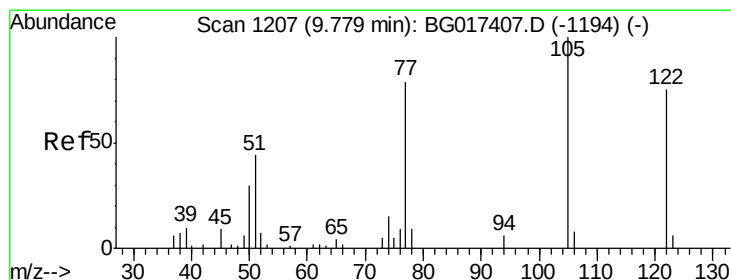
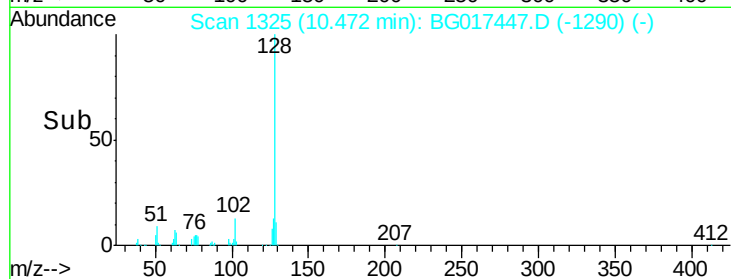
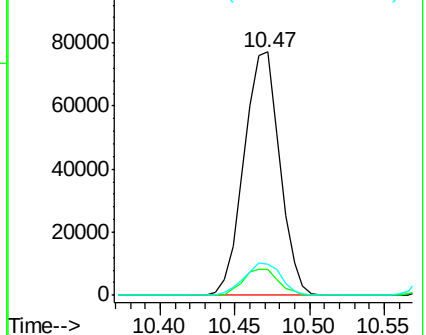
127 12.8 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.21 ng

RT: 9.77 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

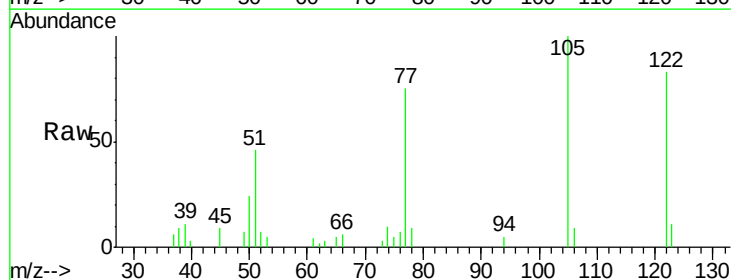
Tgt Ion:122 Resp: 18535

Ion Ratio Lower Upper

122 100

105 121.1 113.5 153.5

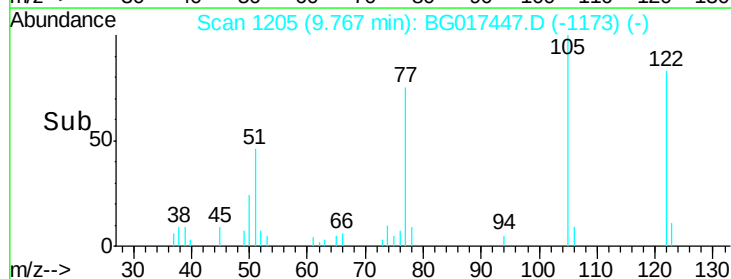
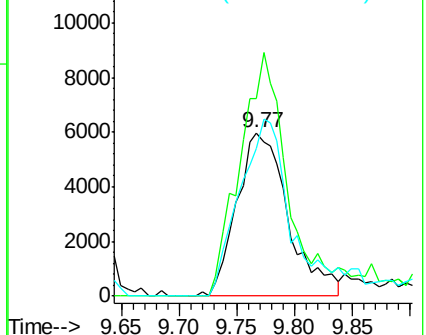
77 90.7 85.2 125.2

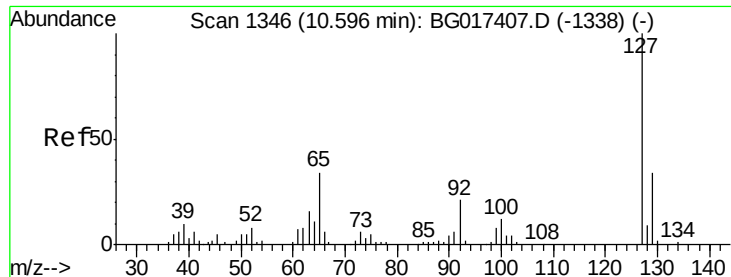


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

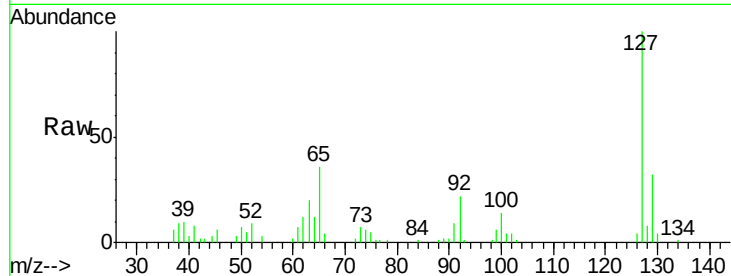




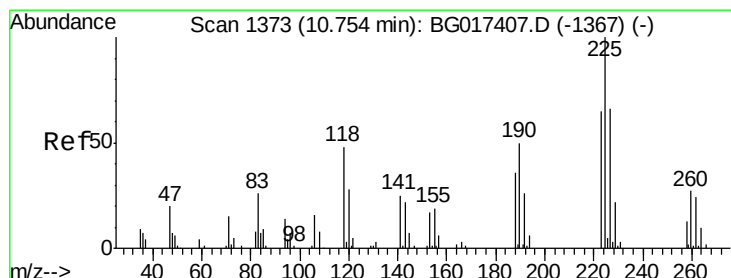
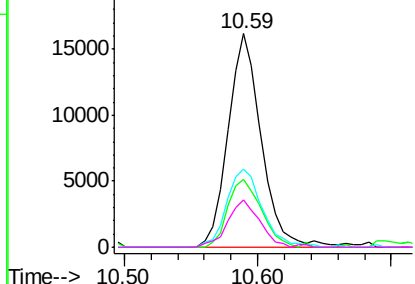
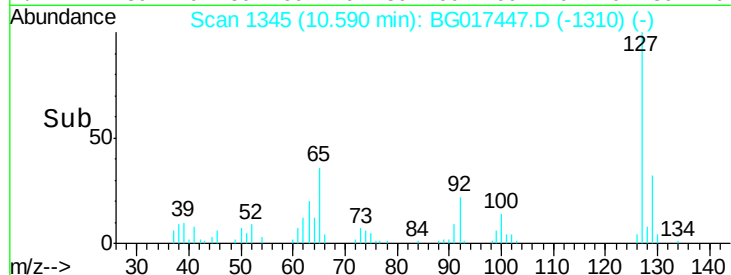
#33
4-Chloroaniline
Concen: 18.20 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:127 Resp: 27964
Ion Ratio Lower Upper
127 100
129 32.0 27.1 40.7
65 36.5 27.6 41.4
92 22.0 16.7 25.1

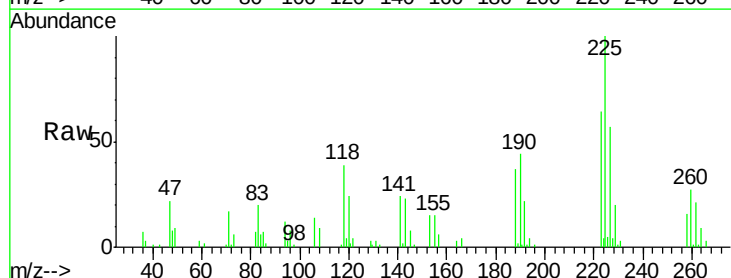


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

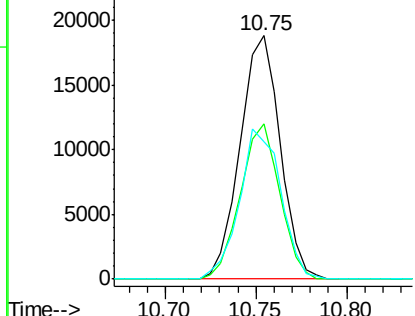
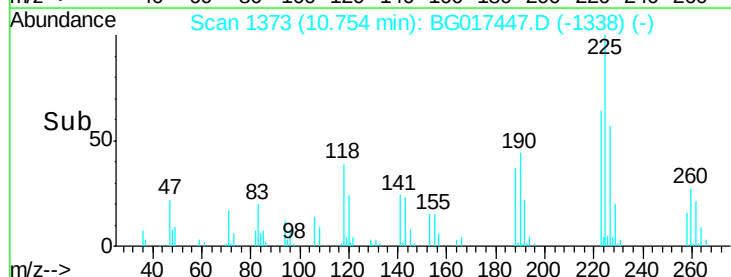


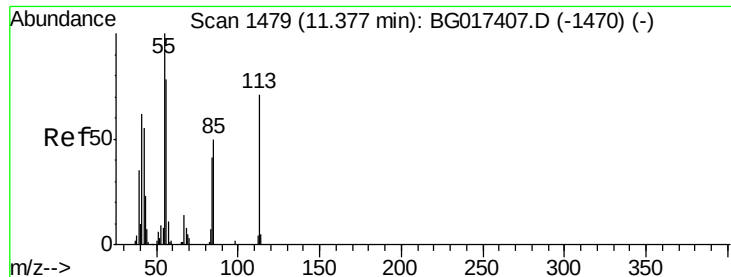
#34
Hexachlorobutadiene
Concen: 37.33 ng
RT: 10.75 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:225 Resp: 28939
Ion Ratio Lower Upper
225 100
223 63.8 52.2 78.2
227 56.6 52.6 78.8



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: 20.84 ng

RT: 11.35 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

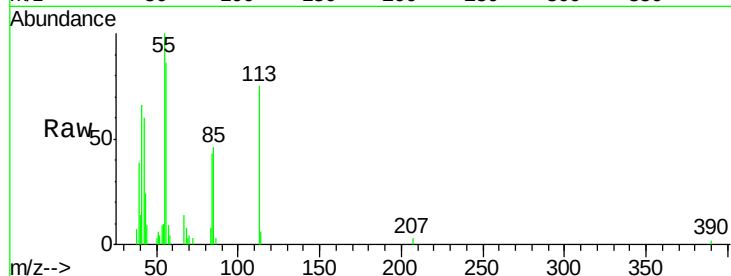
Tgt Ion:113 Resp: 11617

Ion Ratio Lower Upper

113 100

55 133.4 121.6 161.6

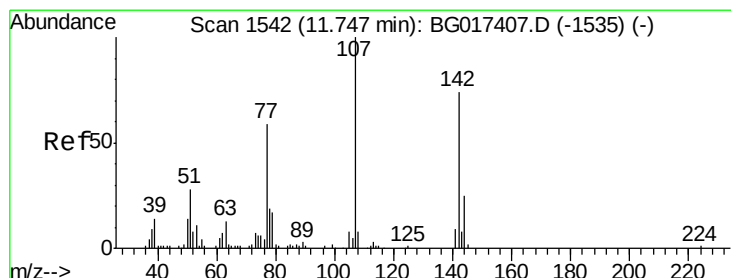
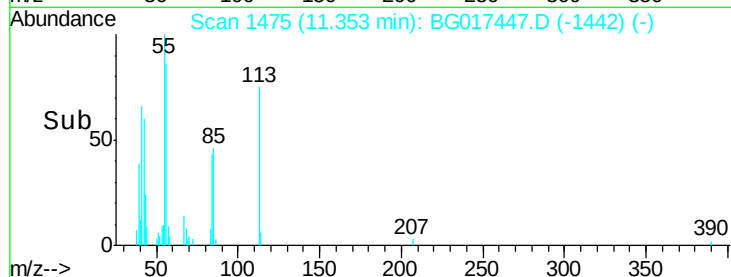
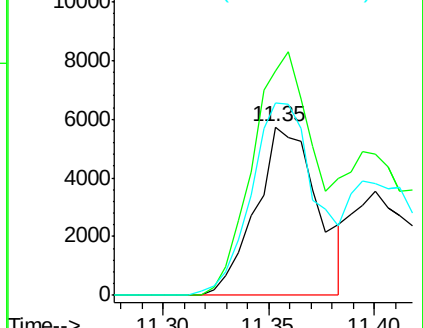
56 114.3 89.8 129.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG017447.D (-1470) (-)

Ion 56.00 (55.70 to 56.70): BG017447.D (-1470) (-)



#36

4-Chloro-3-methylphenol

Concen: 39.92 ng

RT: 11.75 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

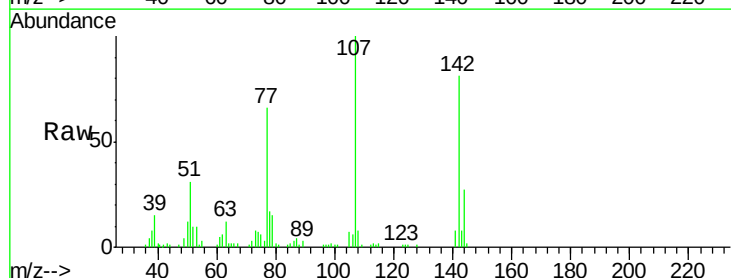
Tgt Ion:107 Resp: 52611

Ion Ratio Lower Upper

107 100

144 26.7 19.8 29.8

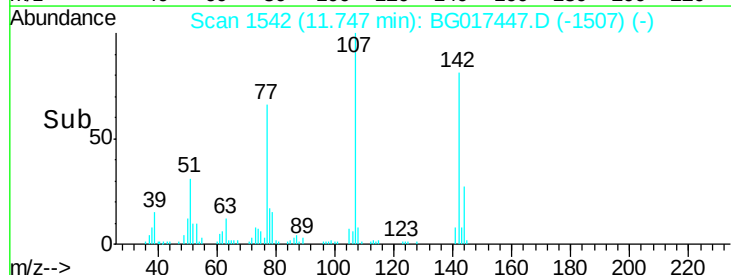
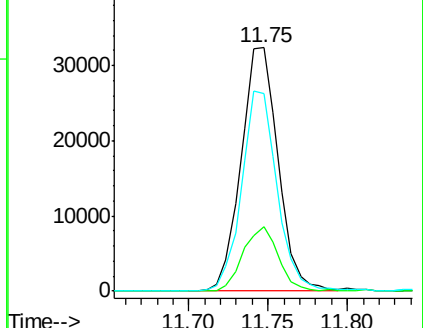
142 81.2 59.0 88.4

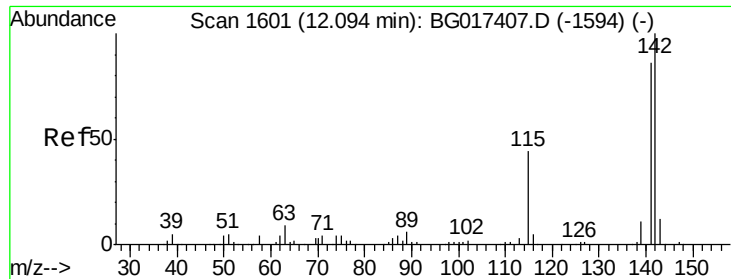


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

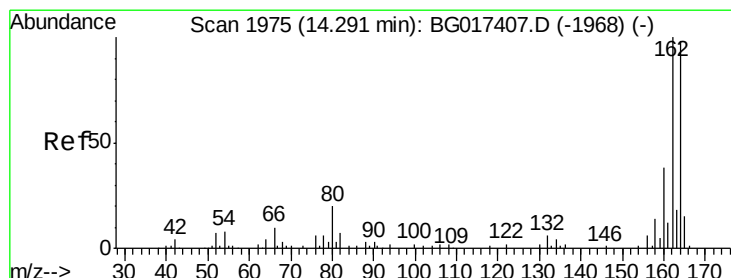
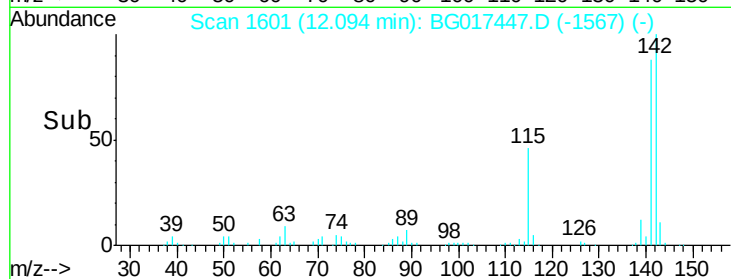
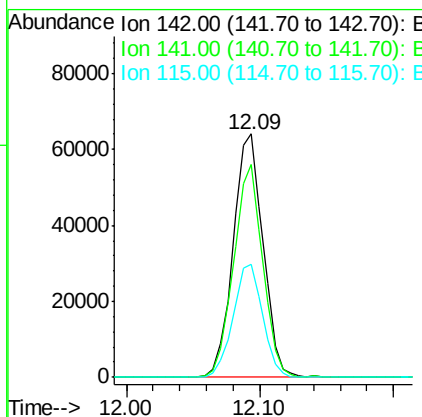
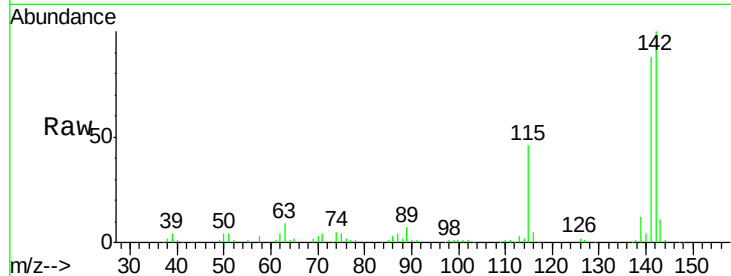




#37
 2-Methylnaphthalene
 Concen: 37.38 ng
 RT: 12.09 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

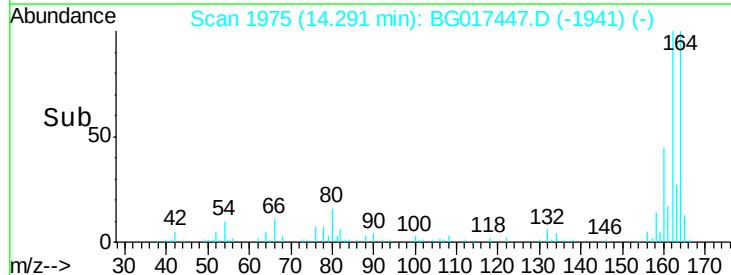
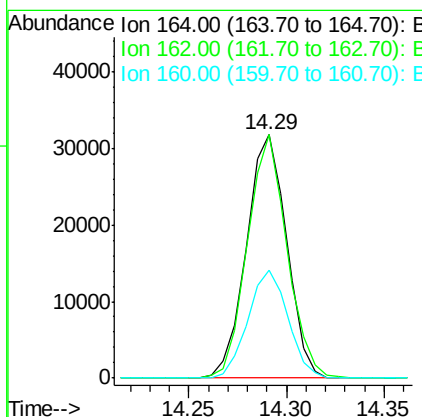
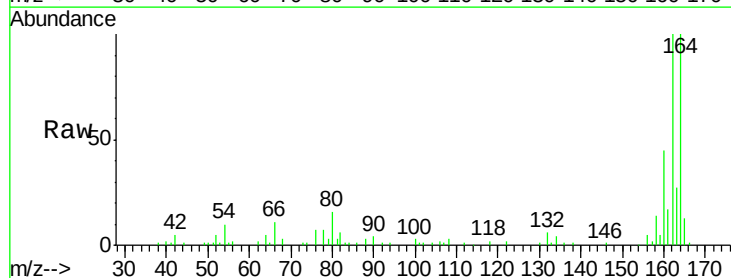
Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

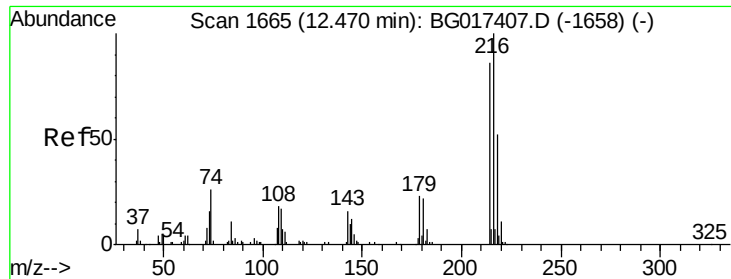
Tgt Ion:142 Resp: 99480
 Ion Ratio Lower Upper
 142 100
 141 87.6 68.6 102.8
 115 46.4 35.3 52.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:164 Resp: 45346
 Ion Ratio Lower Upper
 164 100
 162 99.8 81.8 122.6
 160 44.6 31.0 46.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.52 ng

RT: 12.46 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

Tgt Ion:216 Resp: 51766

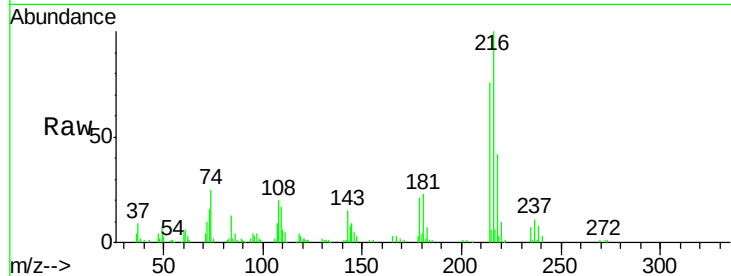
Ion Ratio Lower Upper

216 100

214 76.5 66.5 99.7

179 21.9 17.3 25.9

108 27.6 18.5 27.7

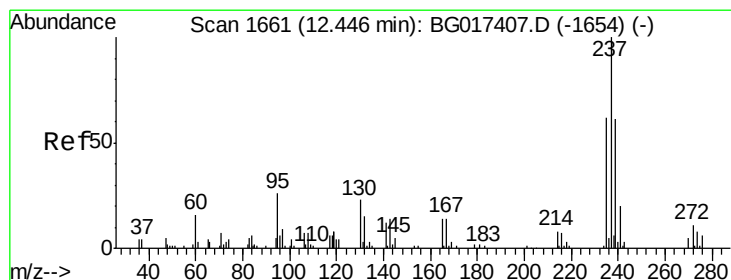
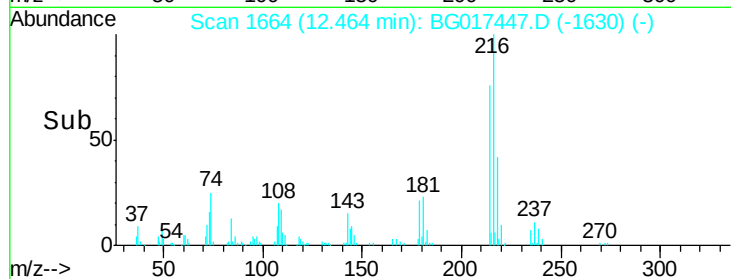
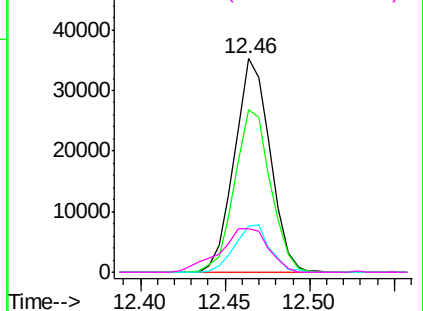


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.66 ng

RT: 12.45 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

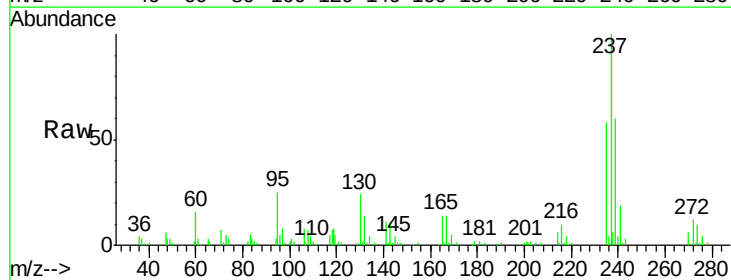
Tgt Ion:237 Resp: 62171

Ion Ratio Lower Upper

237 100

235 57.9 42.3 82.3

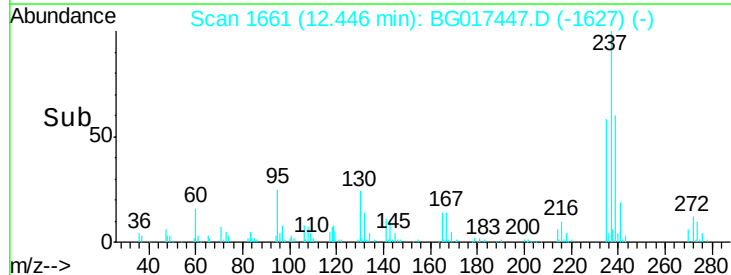
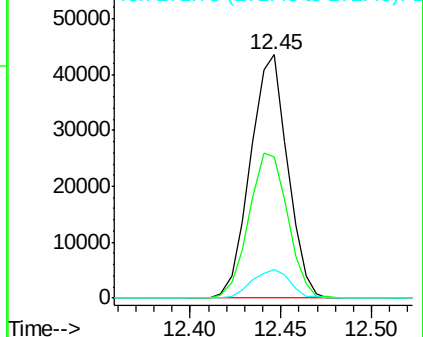
272 11.8 0.0 31.2

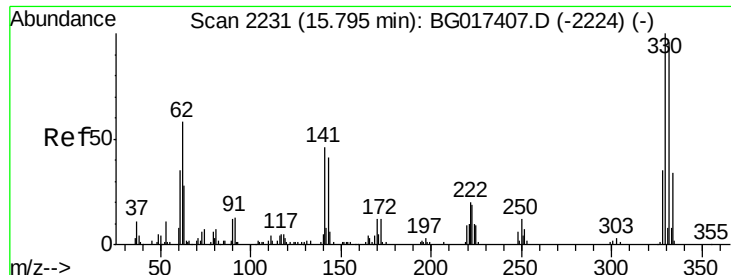


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

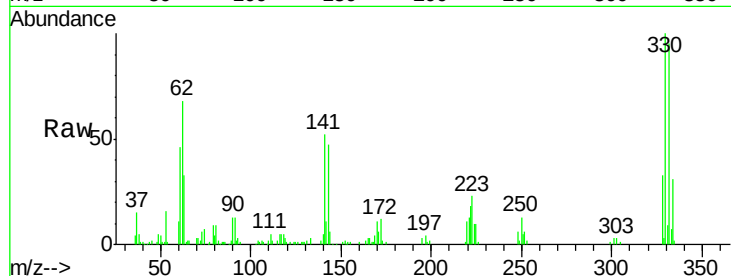




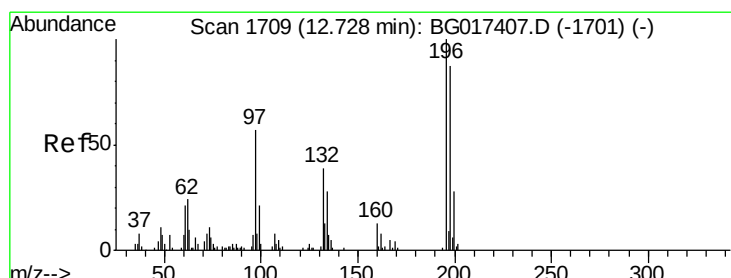
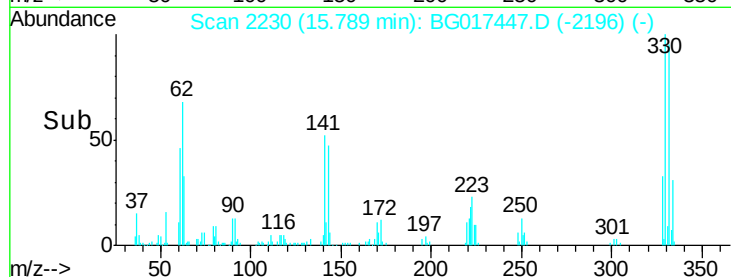
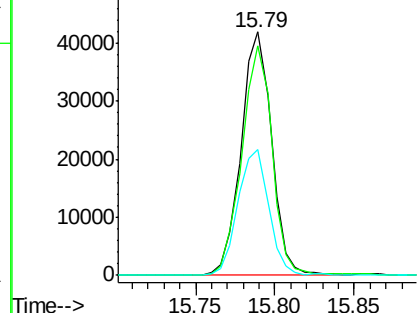
#41
 2,4,6-Tribromophenol
 Concen: 88.84 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion:330 Resp: 55957
 Ion Ratio Lower Upper
 330 100
 332 93.3 75.9 113.9
 141 52.4 40.2 60.4

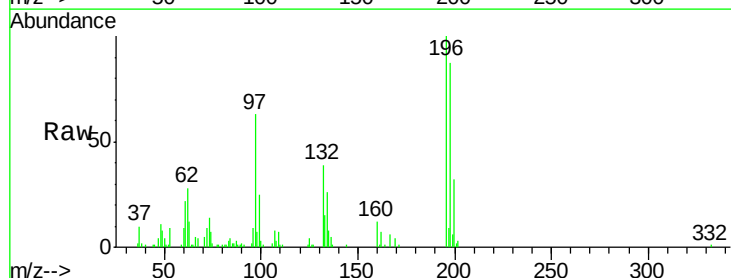


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

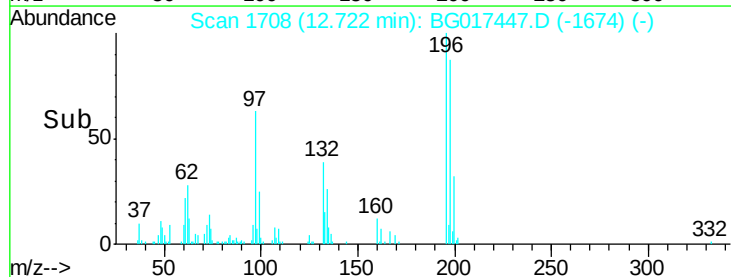
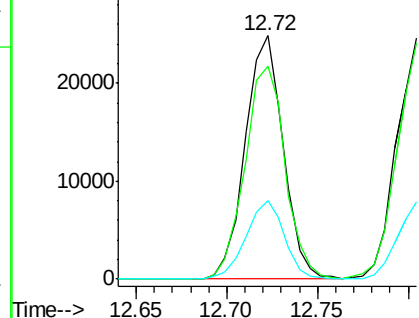


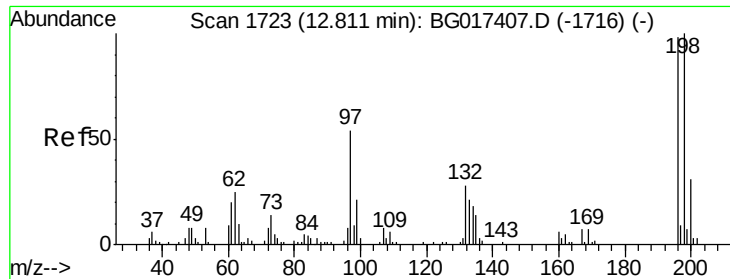
#42
 2,4,6-Trichlorophenol
 Concen: 36.63 ng
 RT: 12.72 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:196 Resp: 36189
 Ion Ratio Lower Upper
 196 100
 198 87.4 69.9 104.9
 200 32.4 22.7 34.1



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

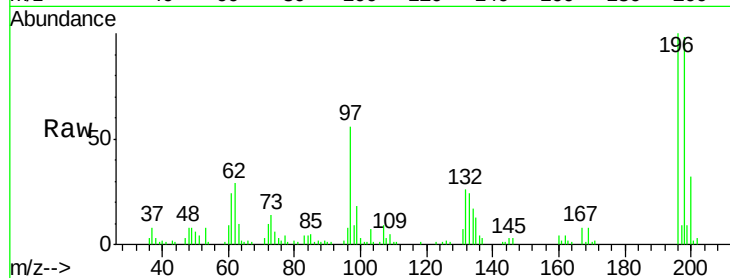




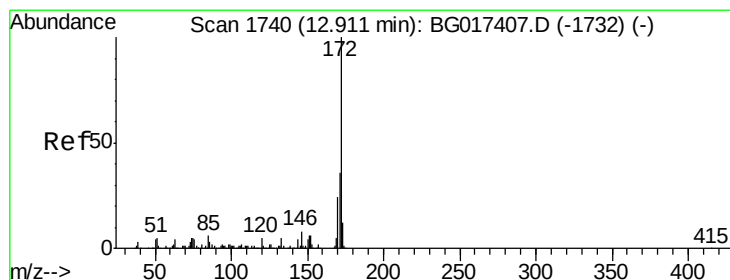
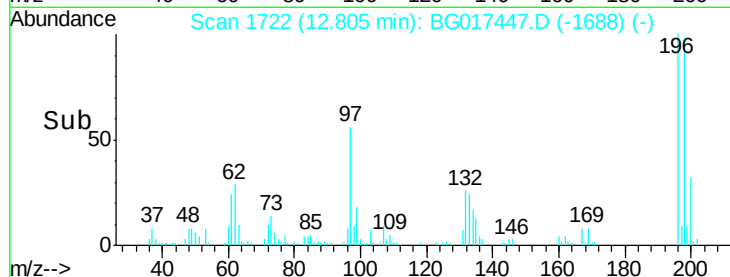
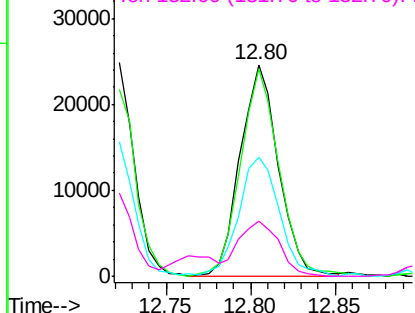
#43
 2,4,5-Trichlorophenol
 Concen: 35.93 ng
 RT: 12.80 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.0	80.6	121.0
97	56.2	43.2	64.8
132	25.9	22.3	33.5

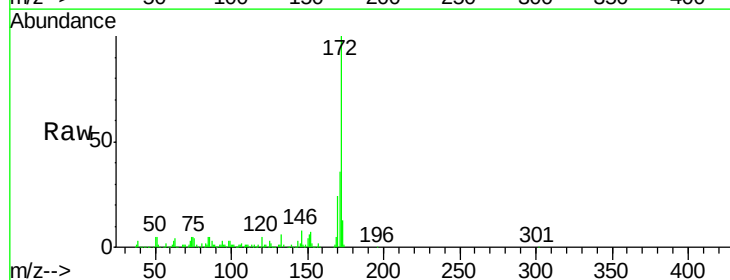


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

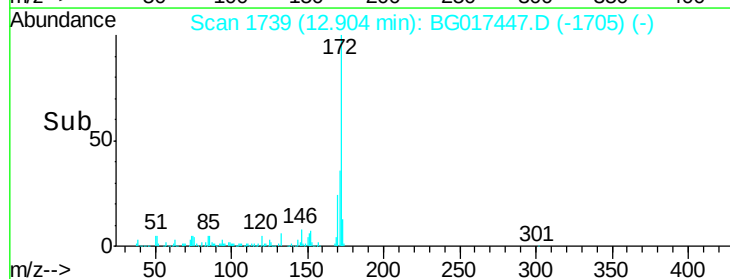
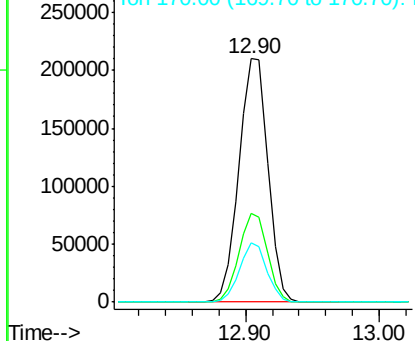


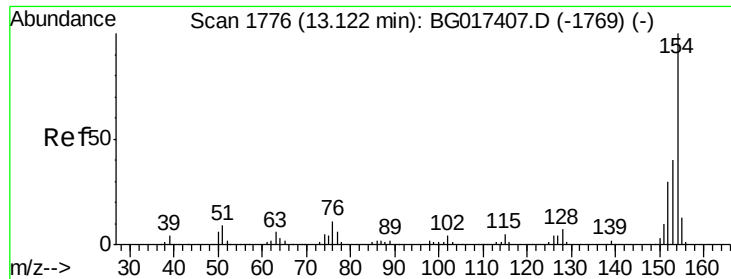
#44
 2-Fluorobiphenyl
 Concen: 104.81 ng
 RT: 12.90 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.4	18.9	28.3



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

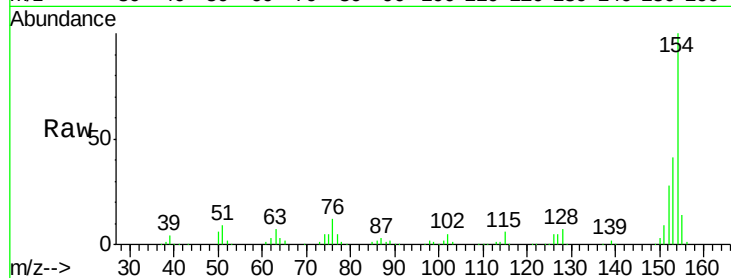




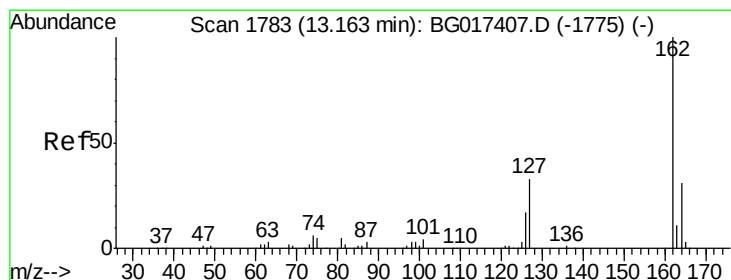
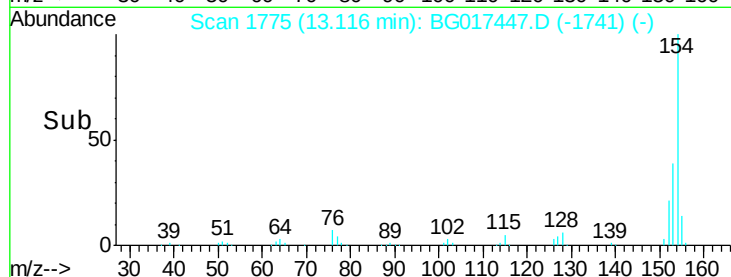
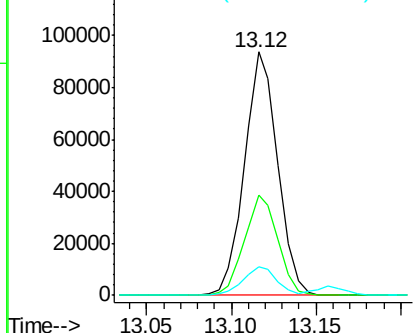
#45
 1,1'-Biphenyl
 Concen: 38.45 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion:154 Resp: 127438
 Ion Ratio Lower Upper
 154 100
 153 41.0 20.1 60.1
 76 11.5 0.0 31.5

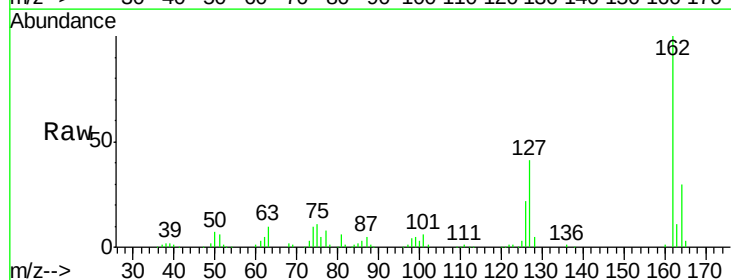


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

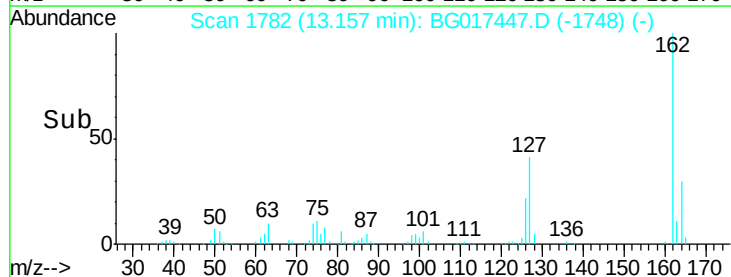
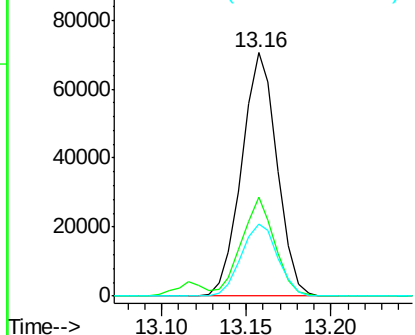


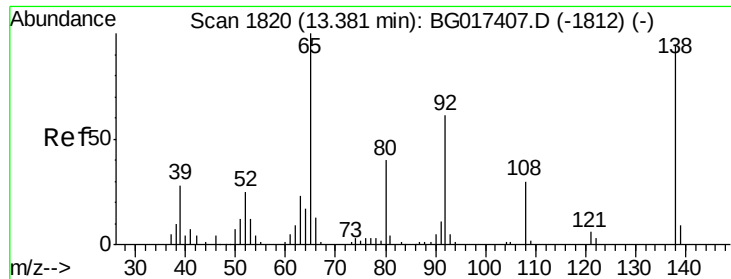
#46
 2-Chloronaphthalene
 Concen: 37.08 ng
 RT: 13.16 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:162 Resp: 102765
 Ion Ratio Lower Upper
 162 100
 127 40.7 29.4 44.2
 164 29.6 24.9 37.3



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

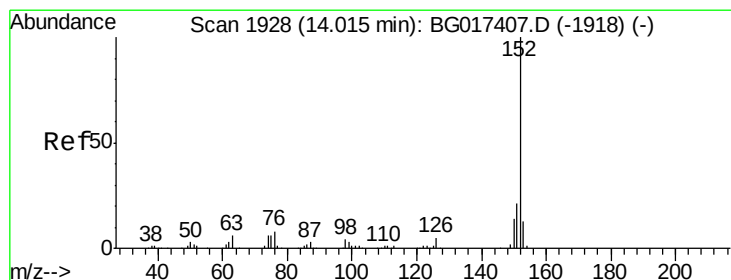
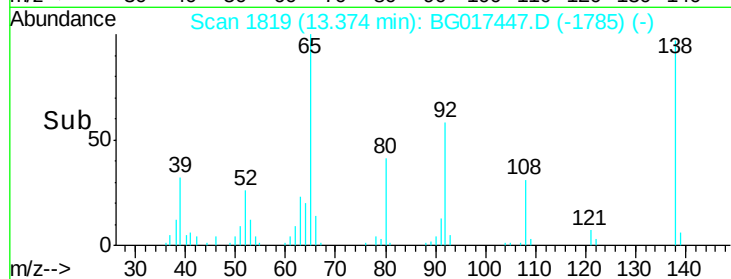
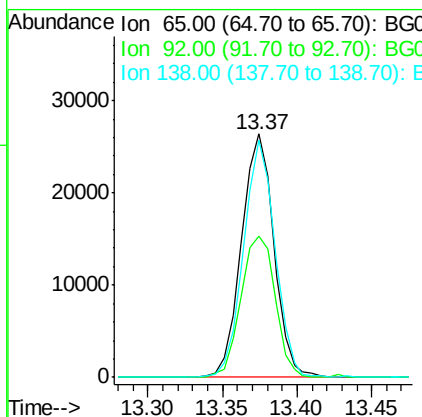
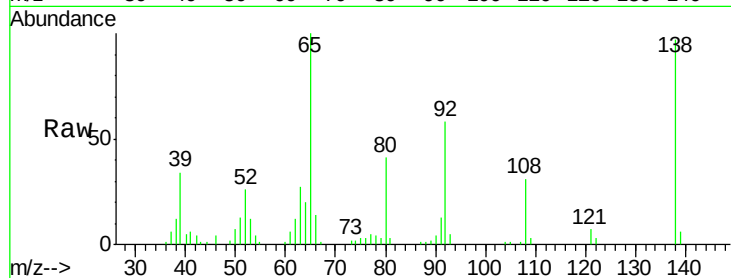




#47
 2-Nitroaniline
 Concen: 38.80 ng
 RT: 13.37 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

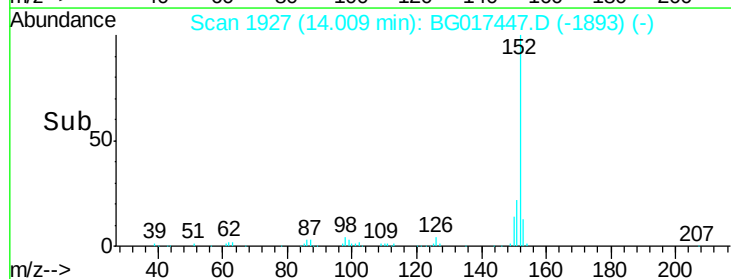
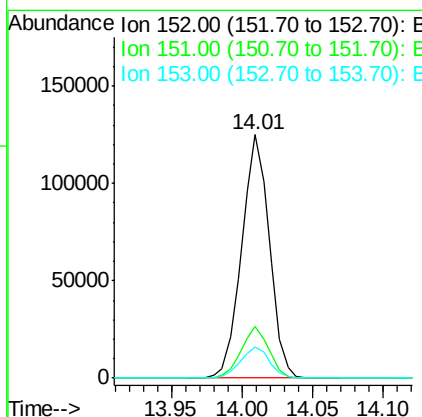
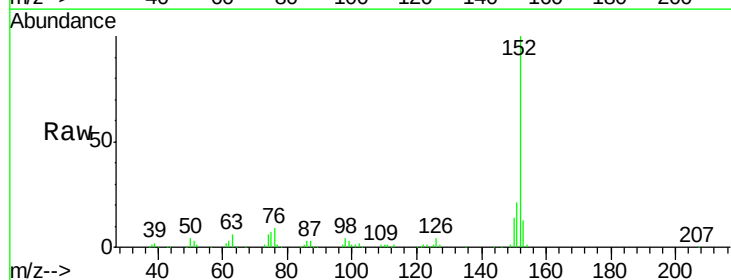
Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

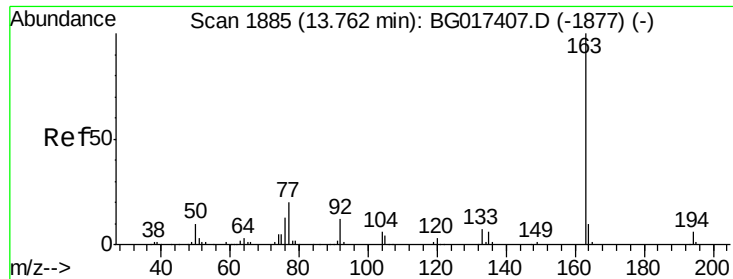
Tgt Ion: 65 Resp: 39710
 Ion Ratio Lower Upper
 65 100
 92 57.9 49.1 73.7
 138 97.2 75.4 113.0



#48
 Acenaphthylene
 Concen: 35.10 ng
 RT: 14.01 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion: 152 Resp: 171332
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.5 24.7
 153 12.6 10.7 16.1





#49

Dimethylphthalate

Concen: 35.40 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

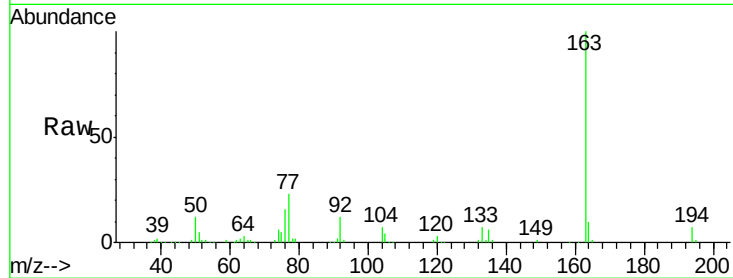
Tgt Ion:163 Resp: 139752

Ion Ratio Lower Upper

163 100

194 6.9 4.9 7.3

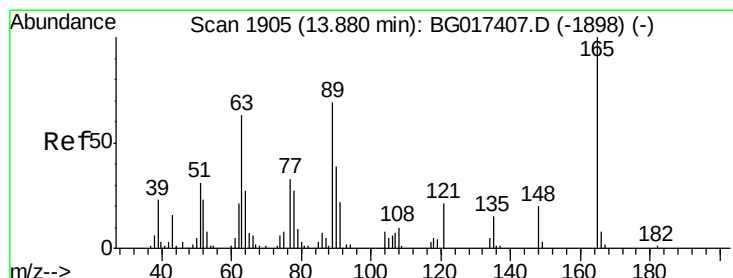
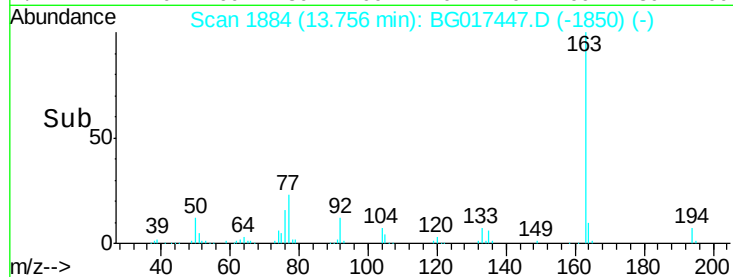
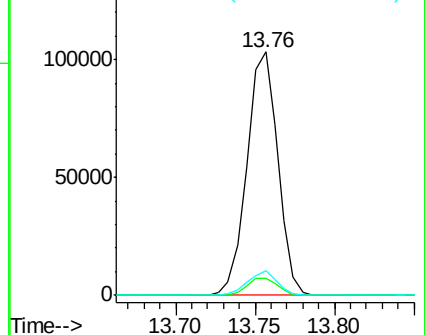
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 37.04 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

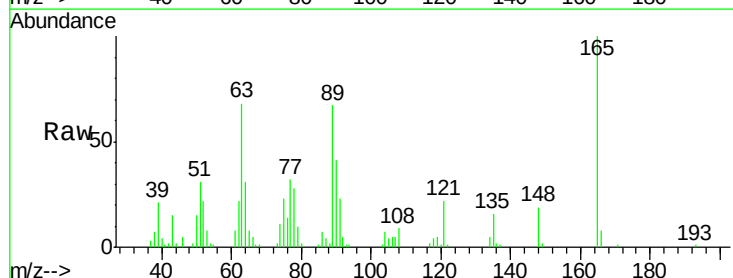
Tgt Ion:165 Resp: 32853

Ion Ratio Lower Upper

165 100

63 67.6 53.7 80.5

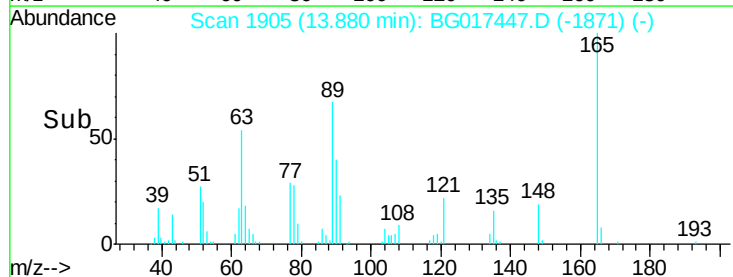
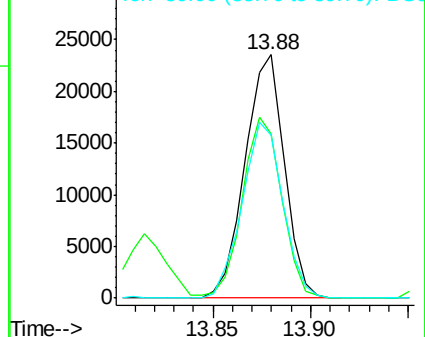
89 66.8 55.4 83.2

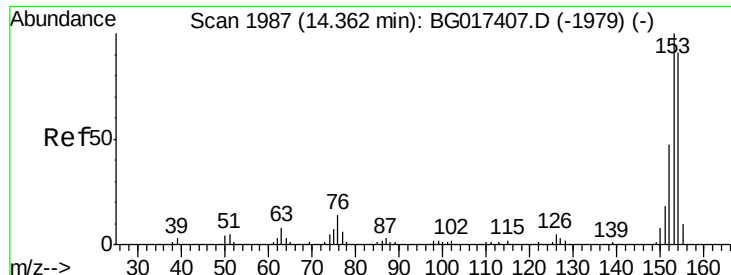


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 34.99 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

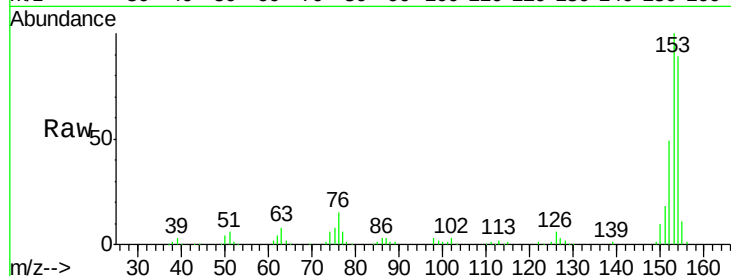
Tgt Ion:154 Resp: 100698

Ion Ratio Lower Upper

154 100

153 112.0 87.7 131.5

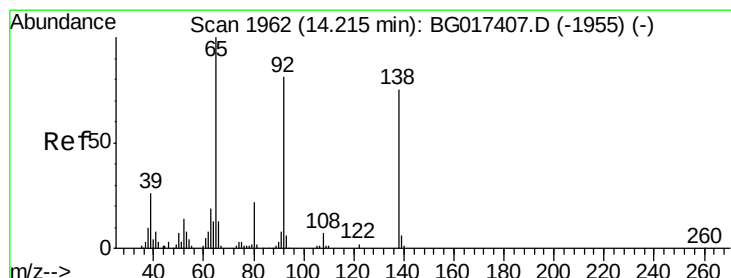
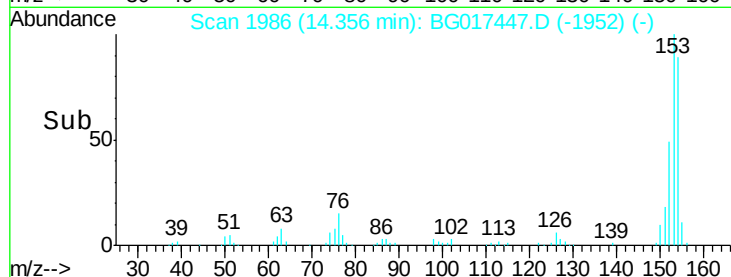
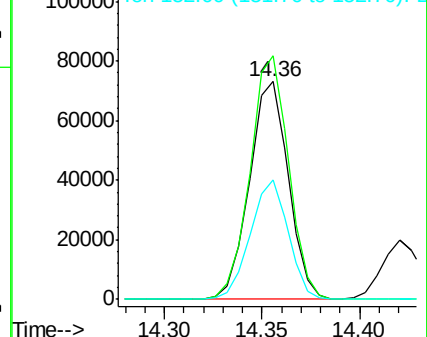
152 54.9 40.8 61.2



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: 22.71 ng

RT: 14.21 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

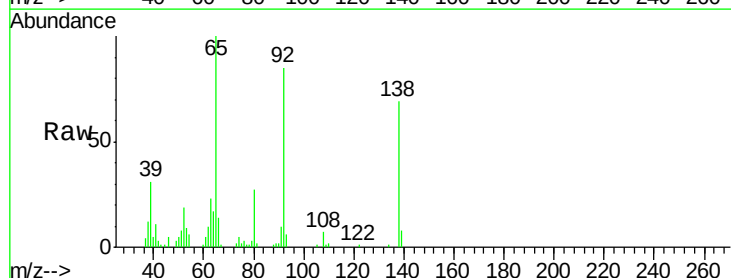
Tgt Ion:138 Resp: 21811

Ion Ratio Lower Upper

138 100

108 9.6 7.5 11.3

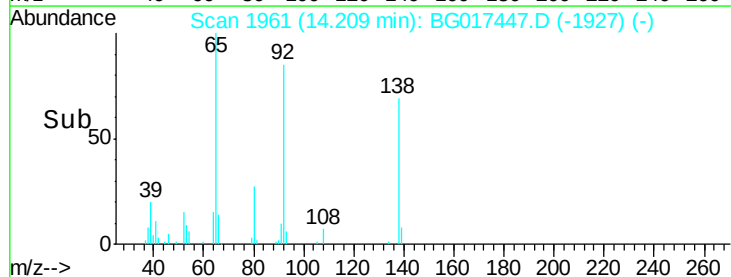
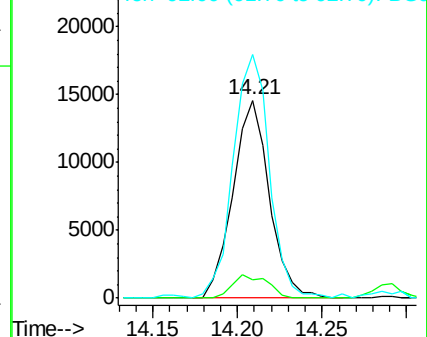
92 123.3 87.0 130.4

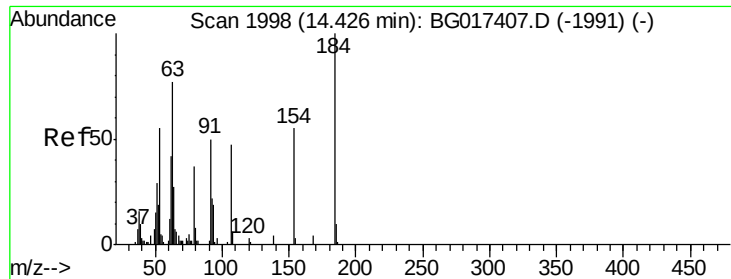


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

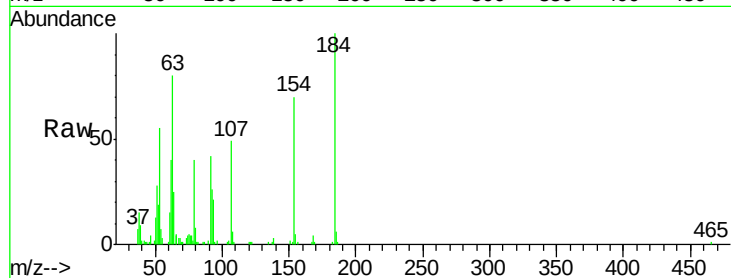




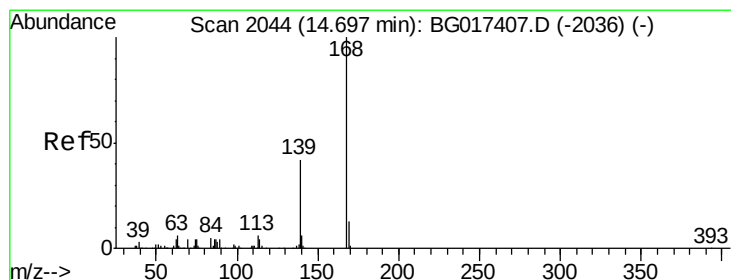
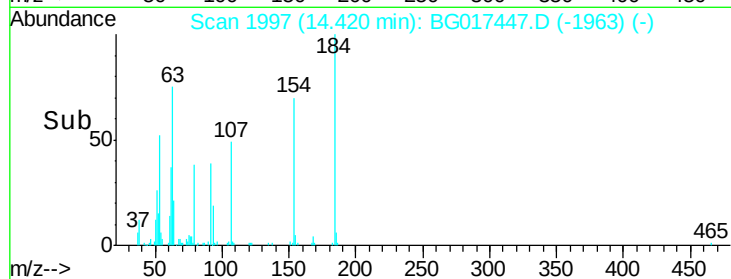
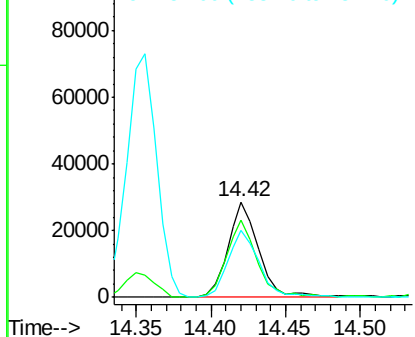
#53
2,4-Dinitrophenol
Concen: 74.54 ng
RT: 14.42 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:184 Resp: 41194
Ion Ratio Lower Upper
184 100
63 80.4 61.5 92.3
154 70.2 53.8 80.8

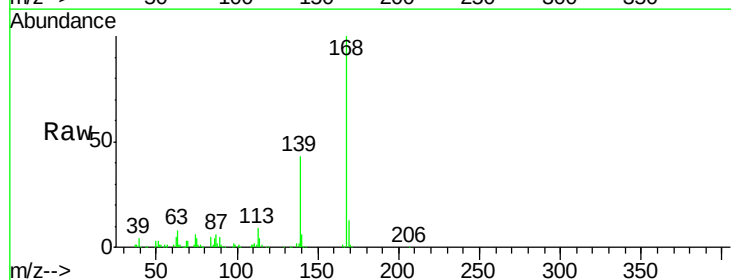


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

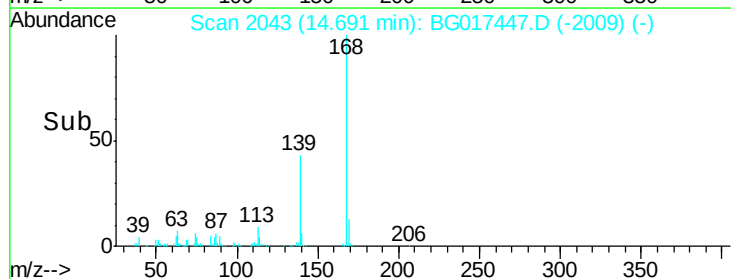
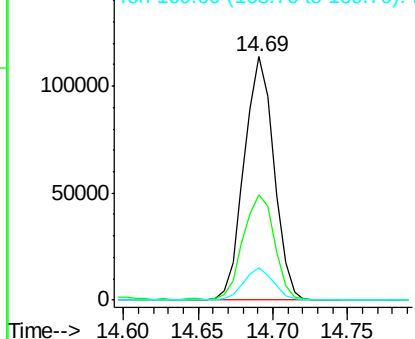


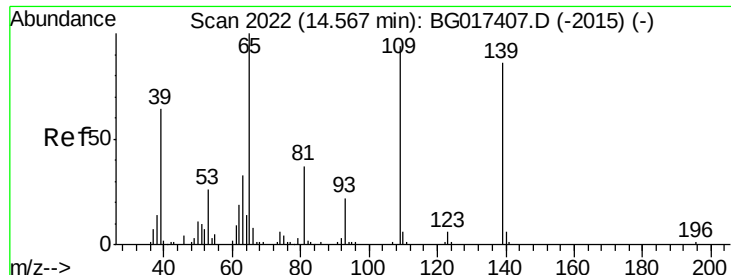
#54
Dibenzofuran
Concen: 37.03 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:168 Resp: 157209
Ion Ratio Lower Upper
168 100
139 43.1 33.2 49.8
169 13.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

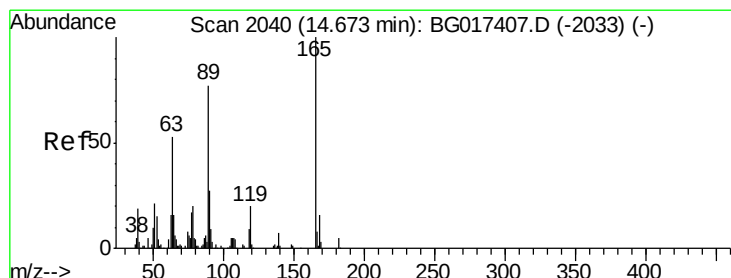
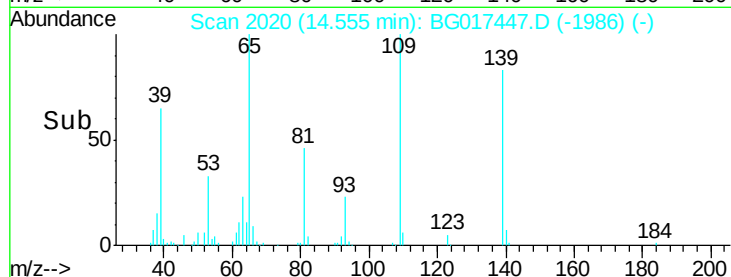
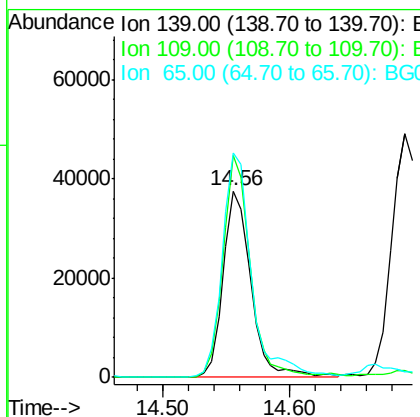
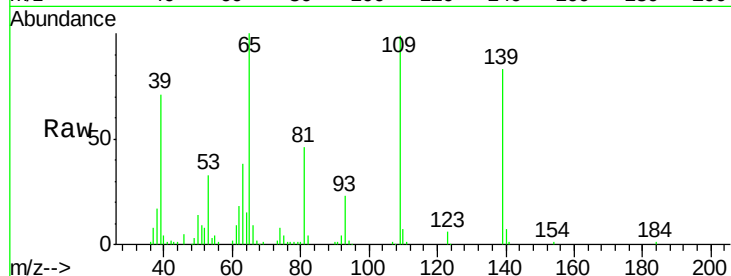




#55
4-Nitrophenol
Concen: 74.80 ng
RT: 14.56 min Scan# 2020
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

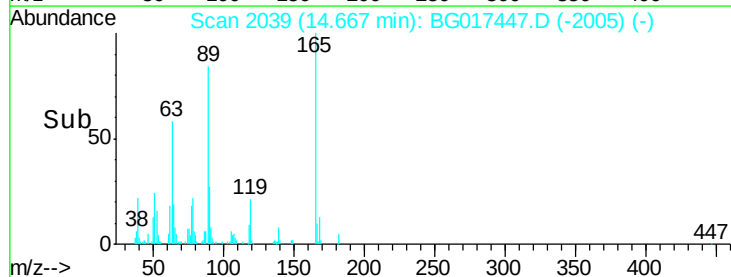
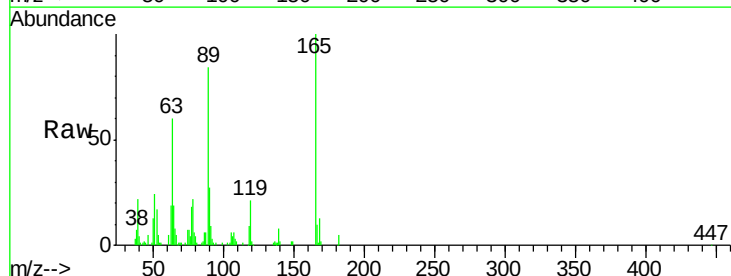
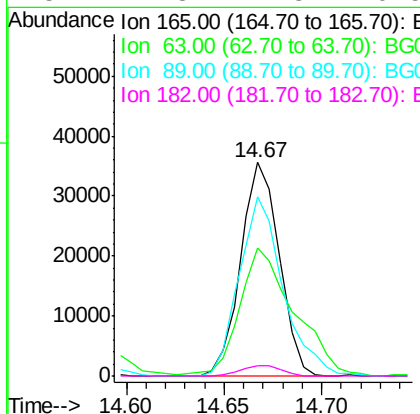
Instrument :
BNA_G
ClientSampleId :
PB83815BSD

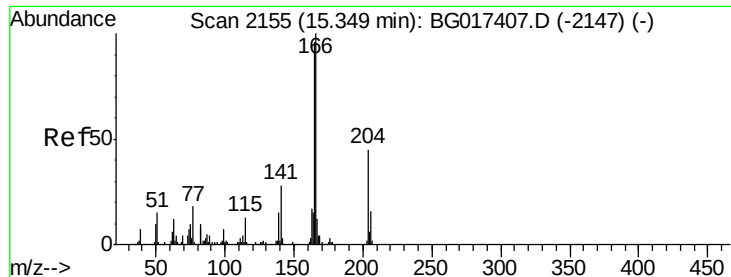
Tgt Ion:139 Resp: 57284
Ion Ratio Lower Upper
139 100
109 119.1 89.5 129.5
65 120.2 95.9 135.9



#56
2,4-Dinitrotoluene
Concen: 38.47 ng
RT: 14.67 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:165 Resp: 48606
Ion Ratio Lower Upper
165 100
63 60.0 42.9 64.3
89 84.0 61.5 92.3
182 4.8 4.3 6.5





#57

Fluorene

Concen: 36.34 ng

RT: 15.34 min Scan# 2154

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

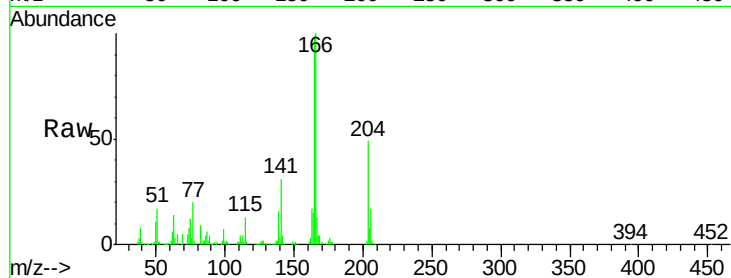
Tgt Ion:166 Resp: 139917

Ion Ratio Lower Upper

166 100

165 99.0 76.8 115.2

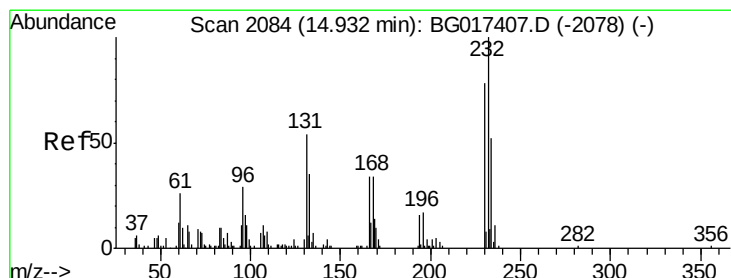
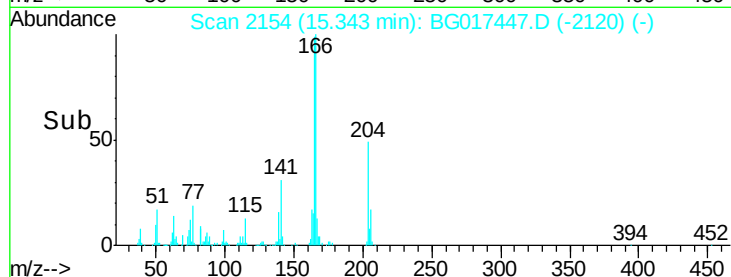
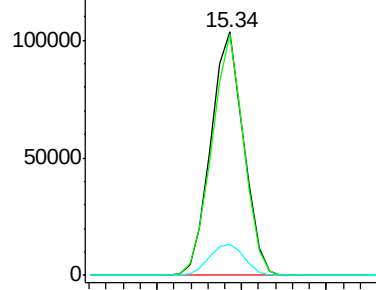
167 12.8 9.9 14.9



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: 39.22 ng

RT: 14.93 min Scan# 2083

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Tgt Ion:232 Resp: 38719

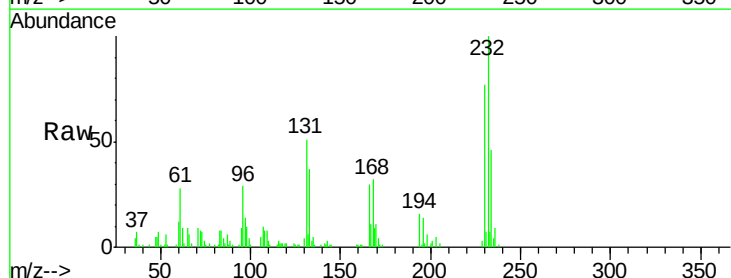
Ion Ratio Lower Upper

232 100

131 51.1 40.1 60.1

130 3.6 2.6 4.0

166 32.2 24.4 36.6

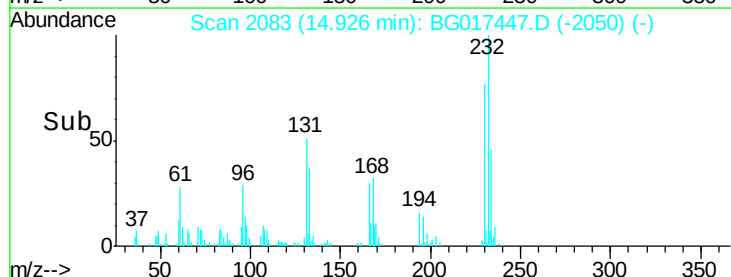
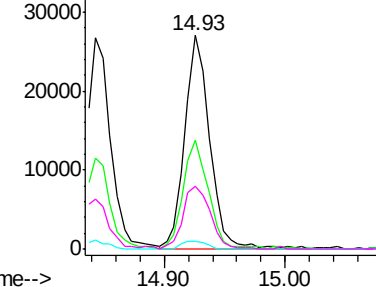


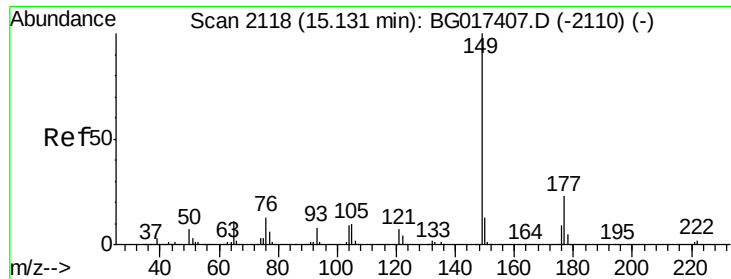
Abundance Ion 232.00 (231.70 to 232.70): E

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

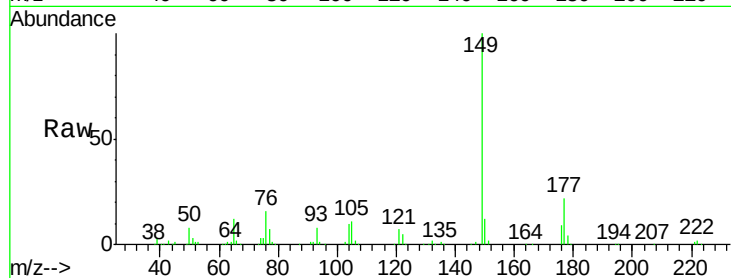




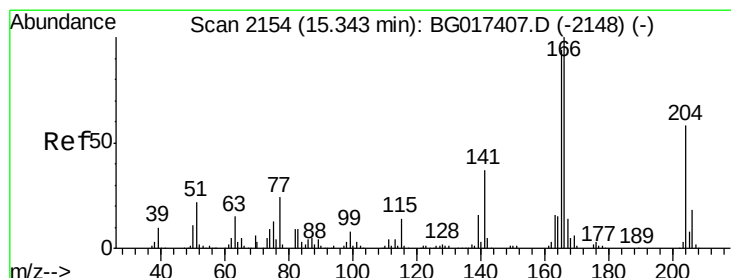
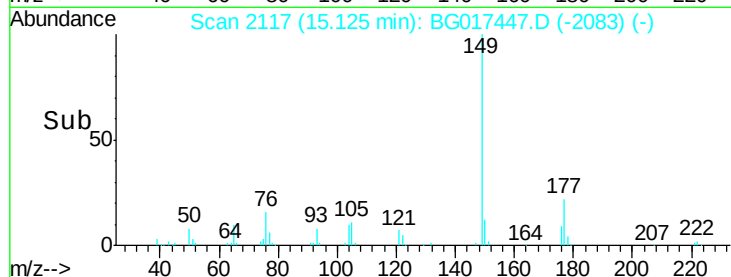
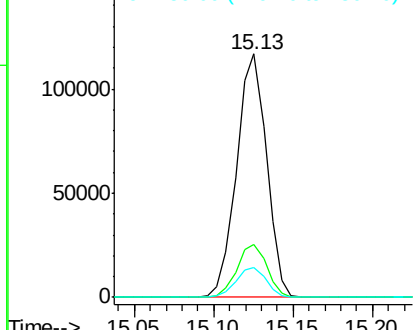
#59
Diethylphthalate
Concen: 35.70 ng
RT: 15.13 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:149 Resp: 152932
Ion Ratio Lower Upper
149 100
177 21.7 18.3 27.5
150 12.4 10.6 16.0

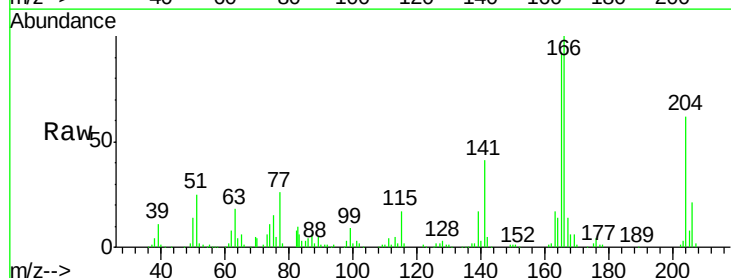


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

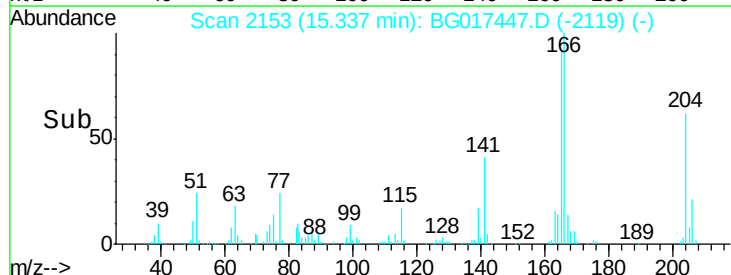
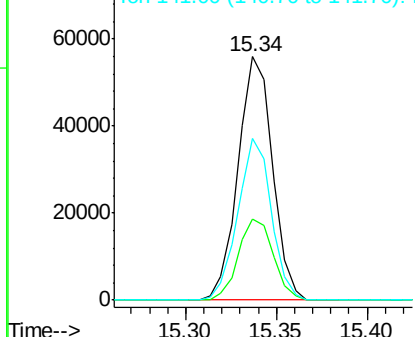


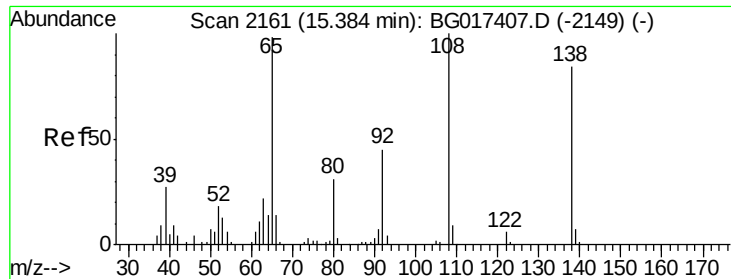
#60
4-Chlorophenyl-phenylether
Concen: 37.88 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:204 Resp: 73903
Ion Ratio Lower Upper
204 100
206 33.5 25.0 37.4
141 66.3 50.9 76.3



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

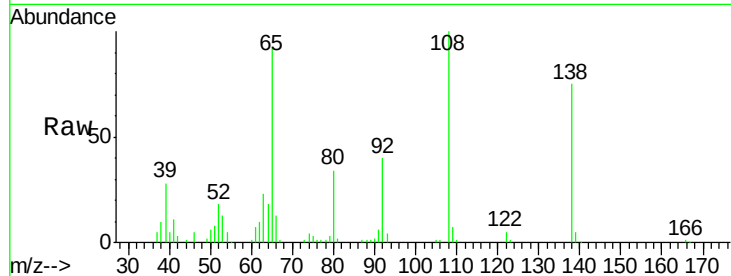




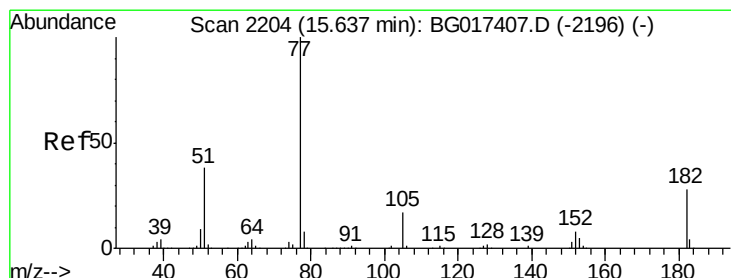
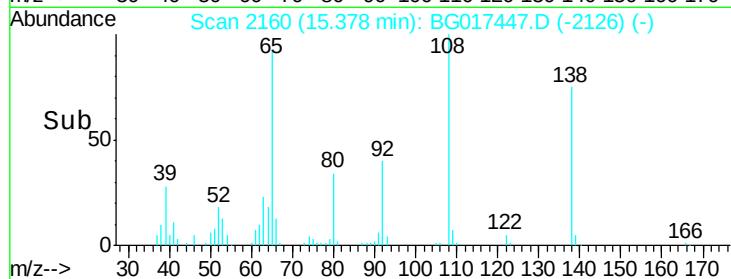
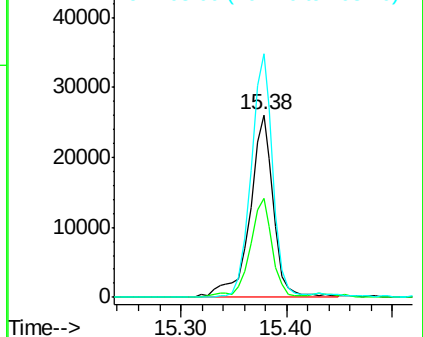
#61
4-Nitroaniline
Concen: 38.54 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:138 Resp: 40756
Ion Ratio Lower Upper
138 100
92 53.9 33.7 73.7
108 133.3 98.7 138.7

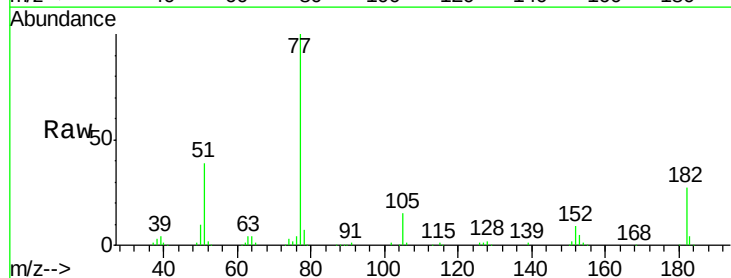


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

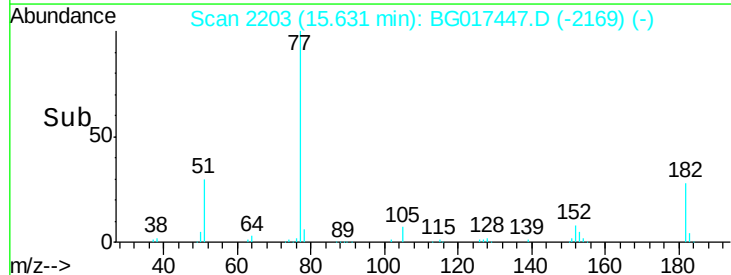
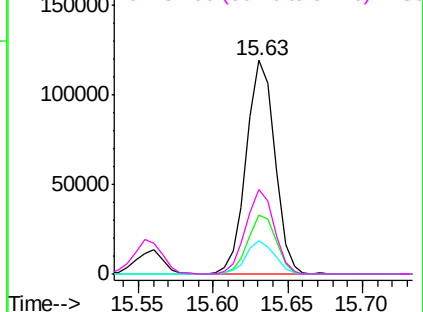


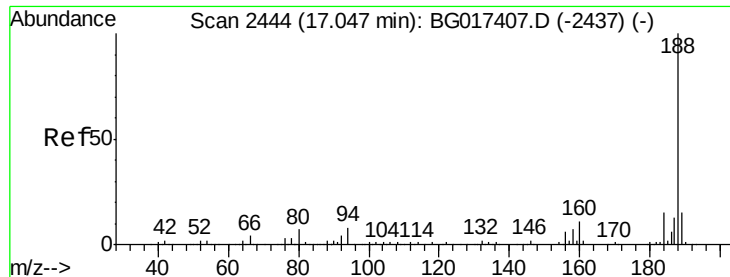
#62
Azobenzene
Concen: 38.64 ng
RT: 15.63 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion: 77 Resp: 157330
Ion Ratio Lower Upper
77 100
182 27.3 8.0 48.0
105 15.4 0.0 36.9
51 39.5 18.1 58.1



Abundance Ion 77.00 (76.70 to 77.70): BG
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BG





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

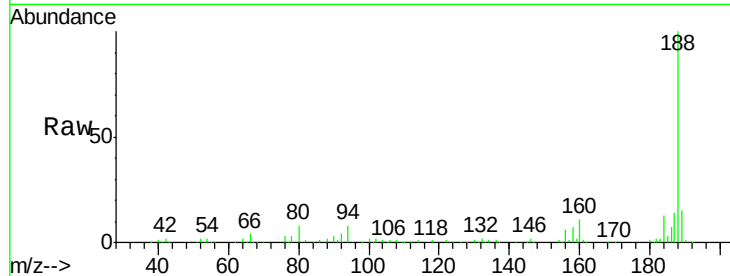
Tgt Ion:188 Resp: 110161

Ion Ratio Lower Upper

188 100

94 7.9 6.3 9.5

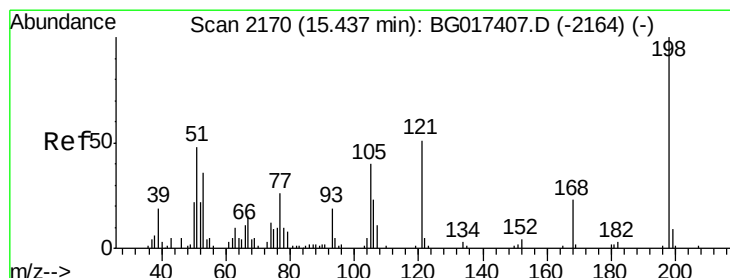
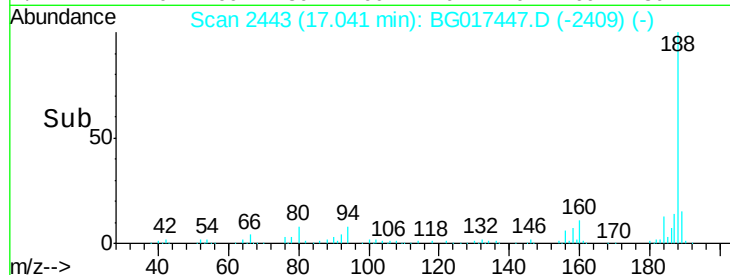
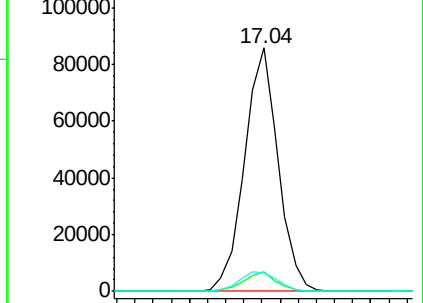
80 7.6 5.2 7.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.29 ng

RT: 15.43 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

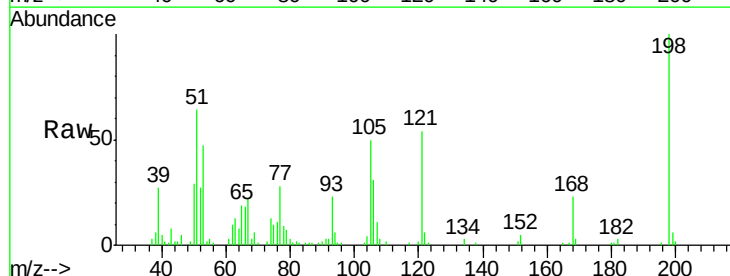
Tgt Ion:198 Resp: 31267

Ion Ratio Lower Upper

198 100

51 63.8 30.3 70.3

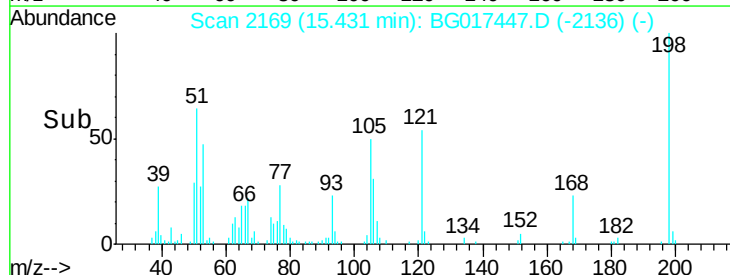
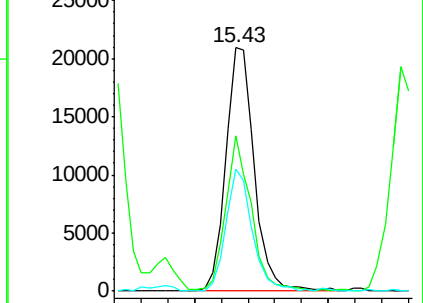
105 49.9 20.8 60.8

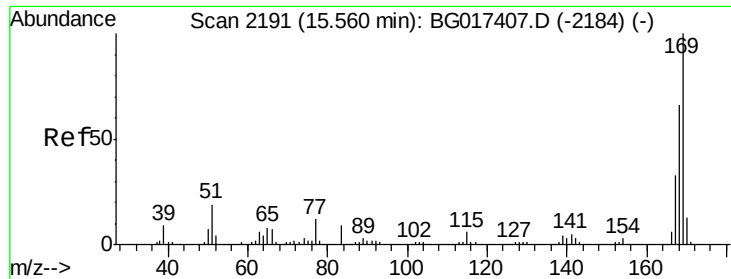


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

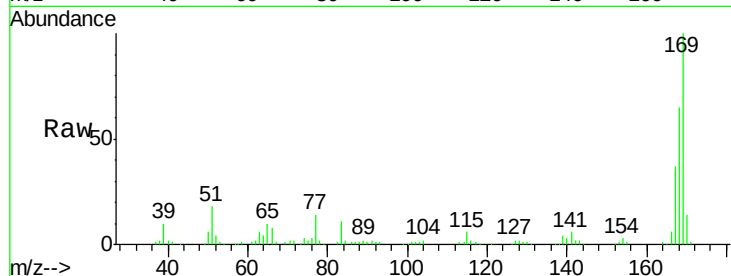




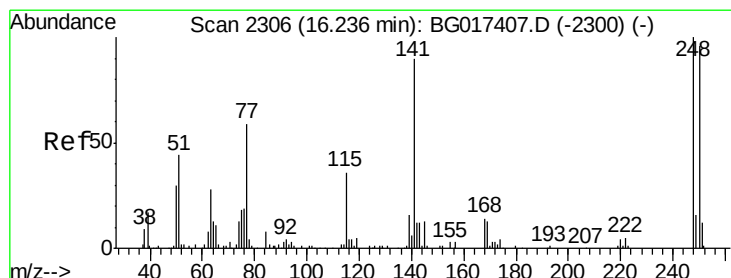
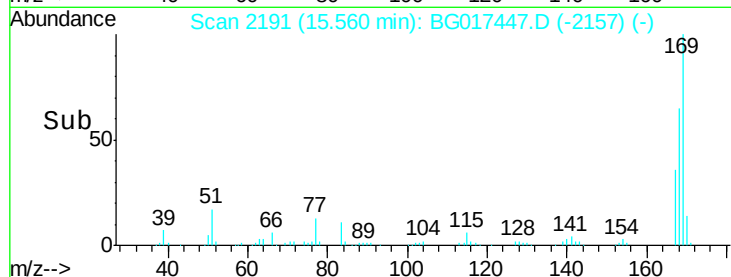
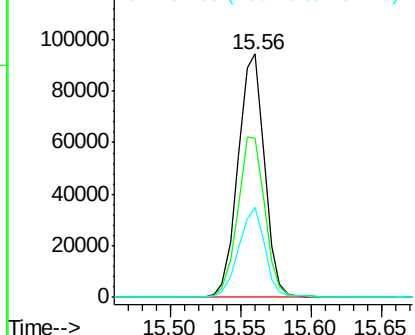
#65
n-Nitrosodiphenylamine
Concen: 37.45 ng
RT: 15.56 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:169 Resp: 123038
Ion Ratio Lower Upper
169 100
168 65.2 52.4 78.6
167 36.8 26.3 39.5

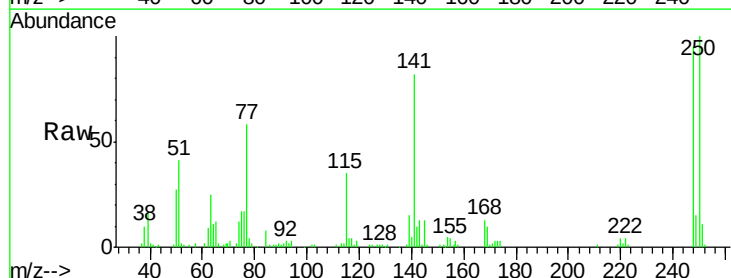


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

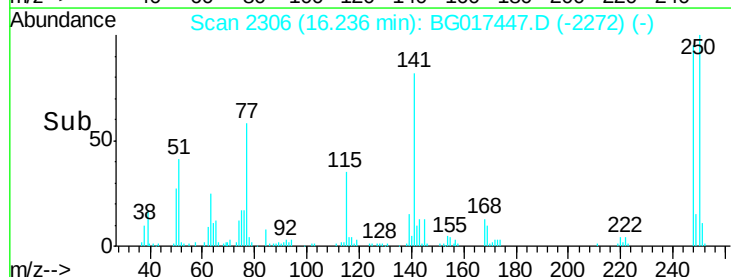
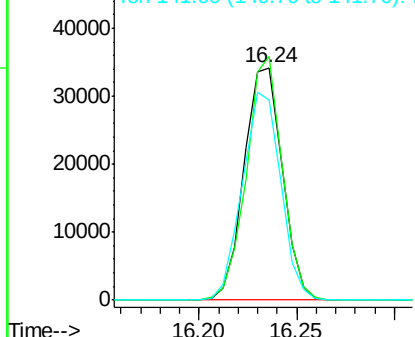


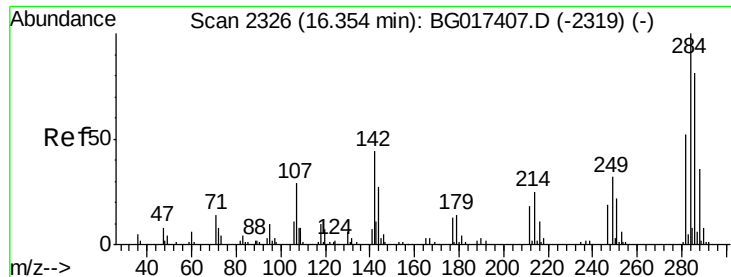
#66
4-Bromophenyl-phenylether
Concen: 38.14 ng
RT: 16.24 min Scan# 2306
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:248 Resp: 46508
Ion Ratio Lower Upper
248 100
250 104.7 76.9 115.3
141 86.0 71.8 107.6



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

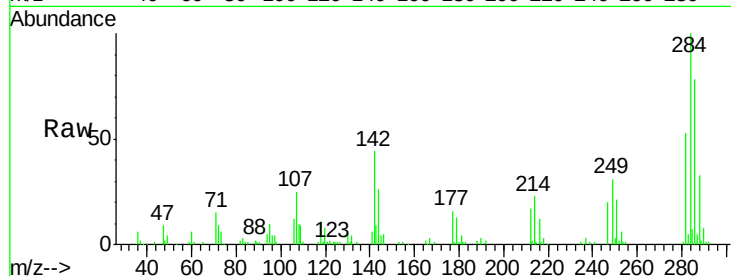




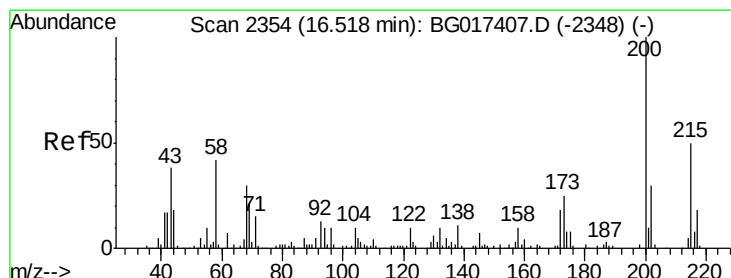
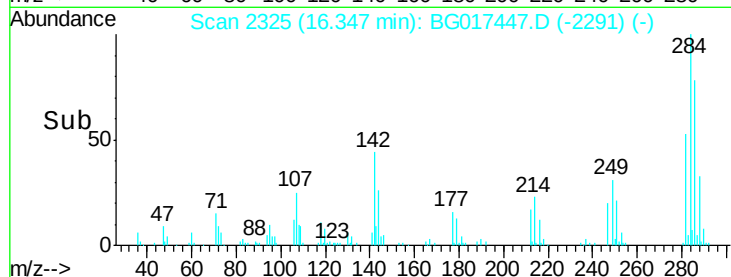
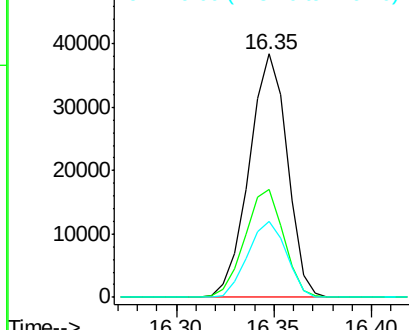
#67
Hexachlorobenzene
Concen: 39.63 ng
RT: 16.35 min Scan# 2325
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Instrument :
BNA_G
ClientSampleId :
PB83815BSD

Tgt Ion:284 Resp: 51958
Ion Ratio Lower Upper
284 100
142 44.3 35.2 52.8
249 31.3 25.9 38.9

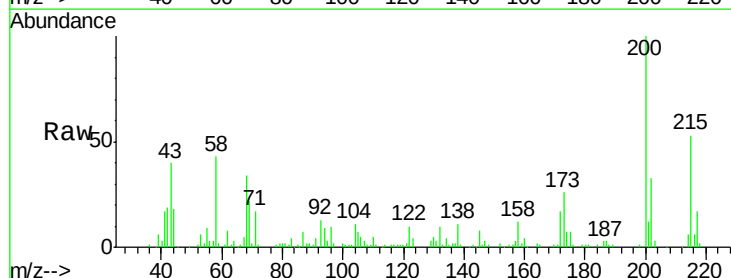


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

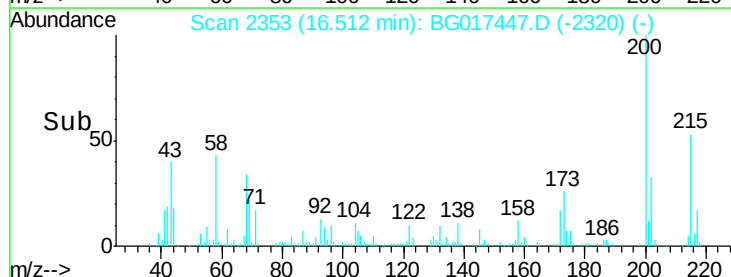
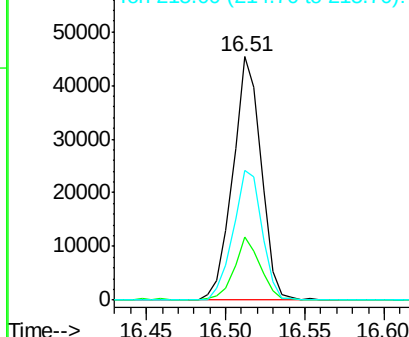


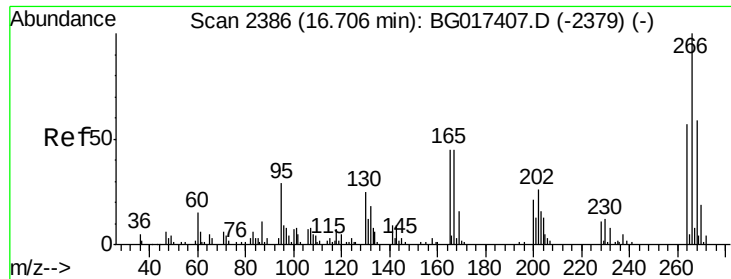
#68
Atrazine
Concen: 38.62 ng
RT: 16.51 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:200 Resp: 55854
Ion Ratio Lower Upper
200 100
173 26.2 4.9 44.9
215 53.1 30.1 70.1



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





#69

Pentachlorophenol

Concen: 77.04 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

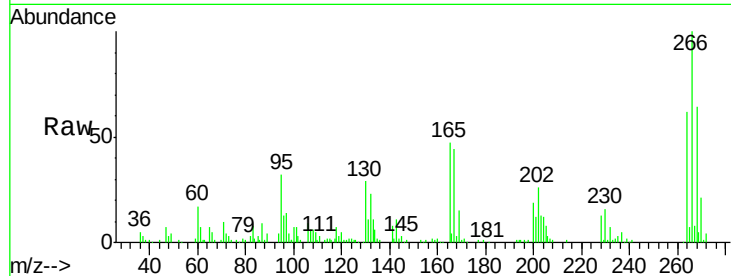
Tgt Ion:266 Resp: 61645

Ion Ratio Lower Upper

266 100

268 64.0 47.0 70.6

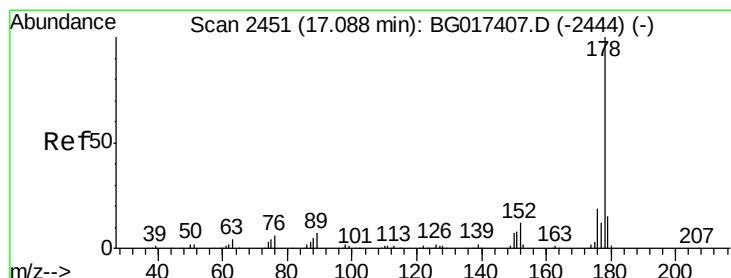
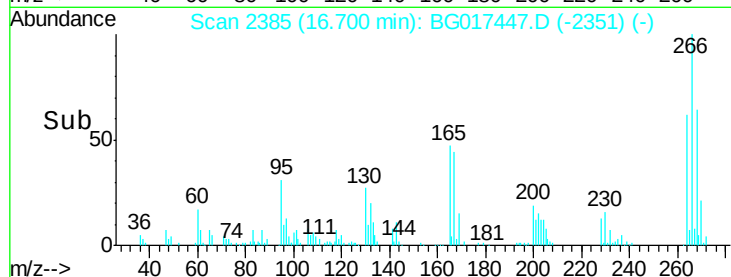
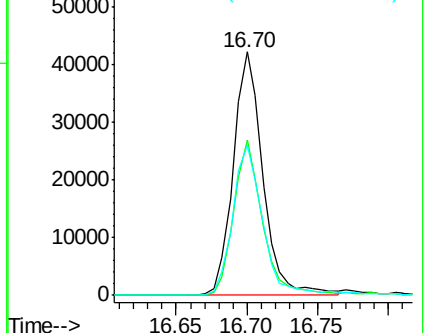
264 61.7 45.7 68.5



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: 37.30 ng

RT: 17.08 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

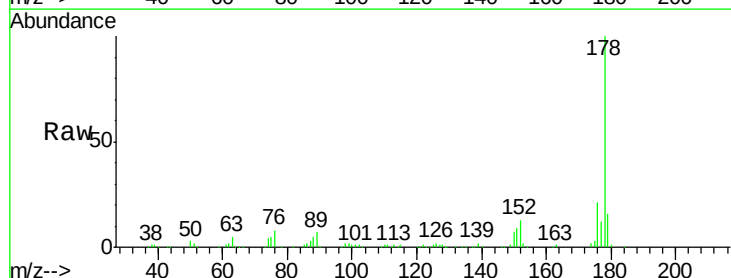
Tgt Ion:178 Resp: 229127

Ion Ratio Lower Upper

178 100

176 20.5 15.6 23.4

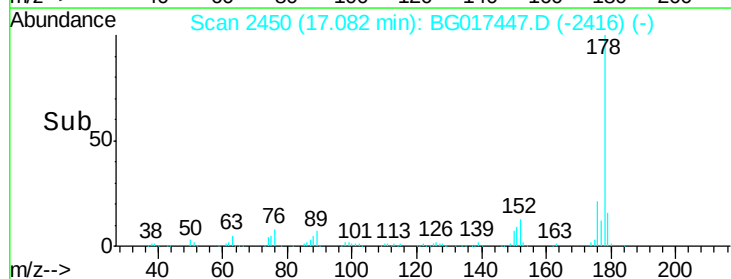
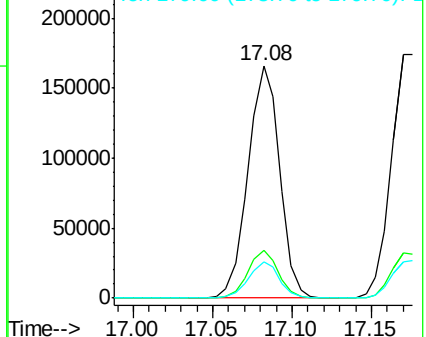
179 15.8 12.2 18.2

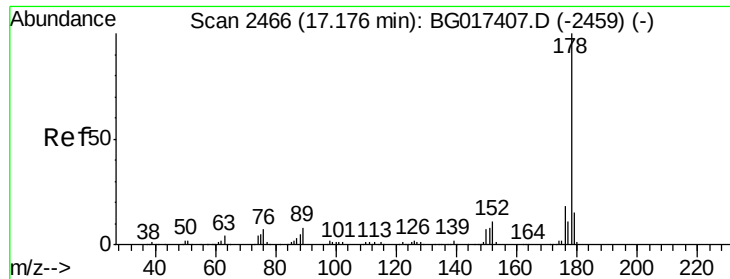


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

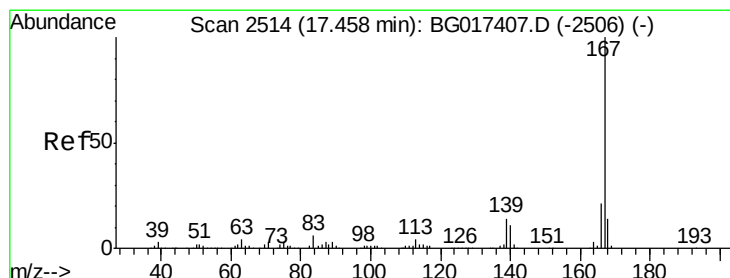
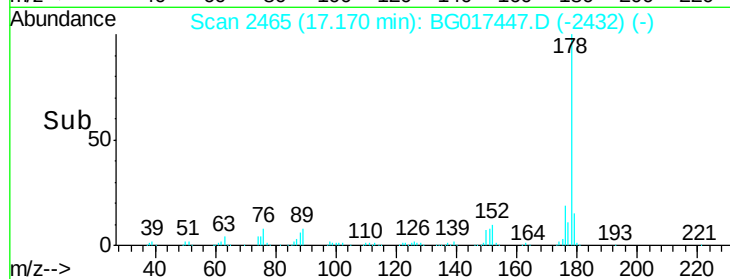
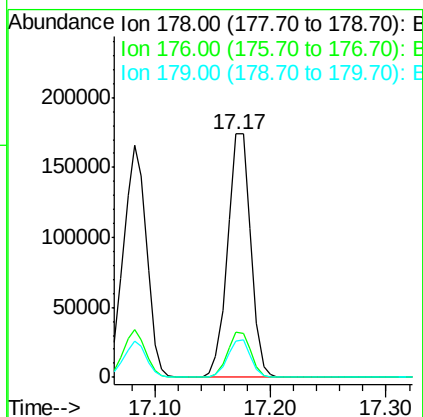
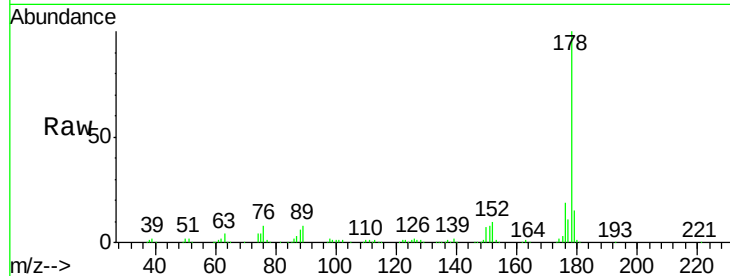




#71
 Anthracene
 Concen: 39.43 ng
 RT: 17.17 min Scan# 2465
 Delta R.T. -0.01 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

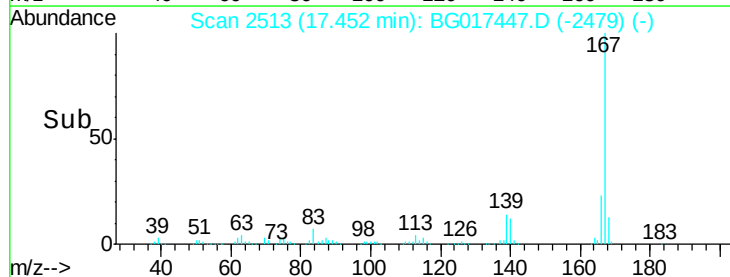
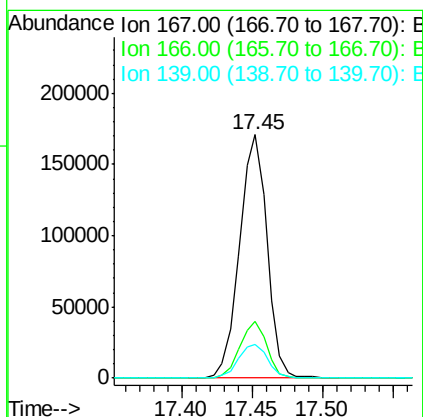
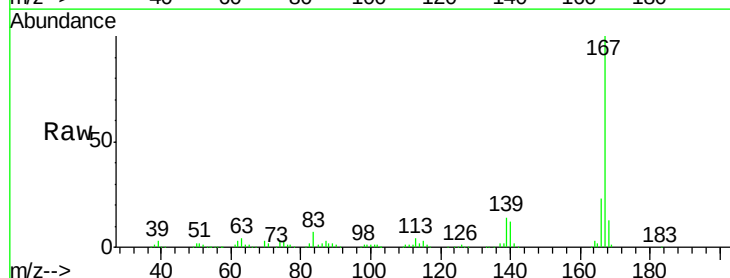
Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

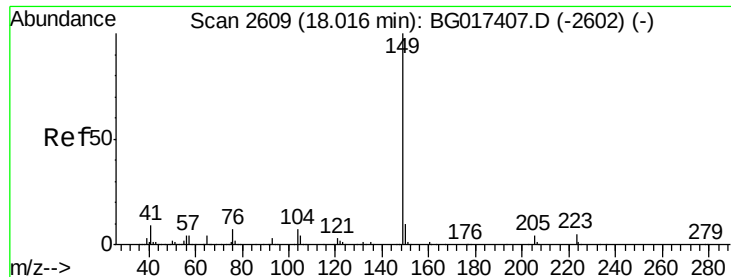
Tgt Ion:178 Resp: 241919
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.2 21.2
 179 15.1 12.2 18.4



#72
 Carbazole
 Concen: 38.49 ng
 RT: 17.45 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:167 Resp: 233206
 Ion Ratio Lower Upper
 167 100
 166 23.1 17.0 25.4
 139 14.0 11.3 16.9

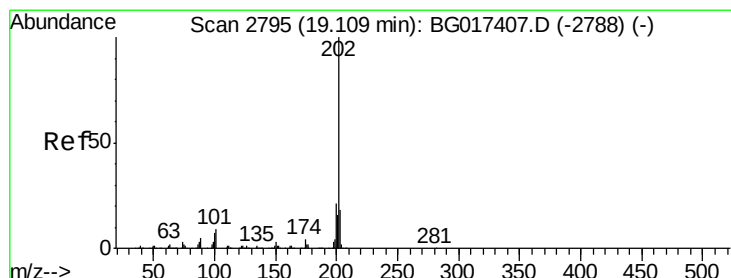
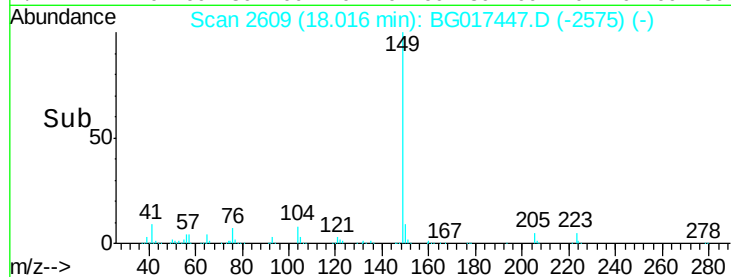
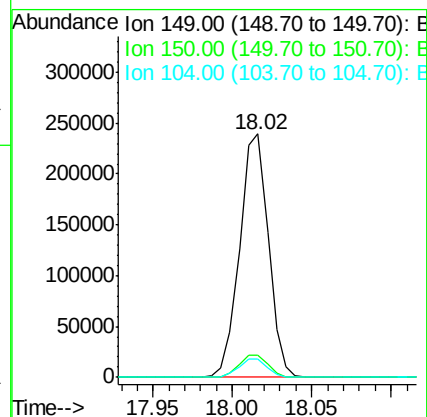
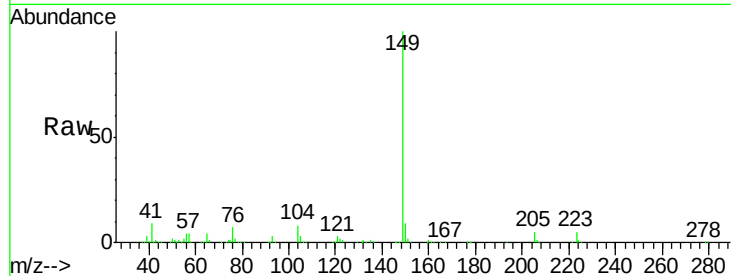




#73
Di-n-butylphthalate
Concen: 38.78 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

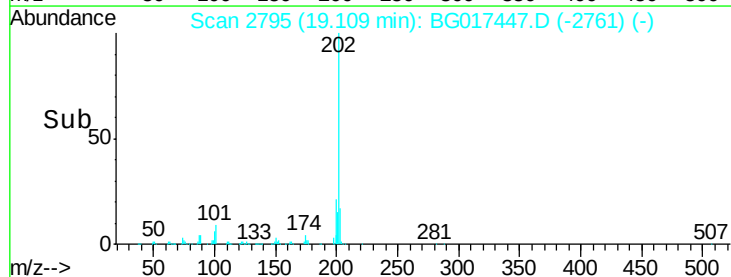
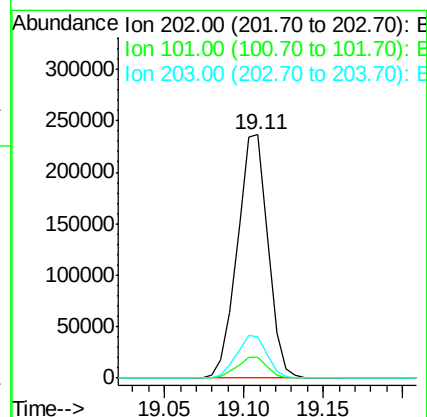
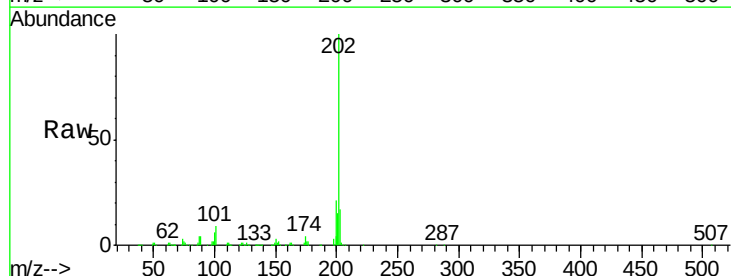
Instrument :
BNA_G
ClientSampleId :
PB83815BSD

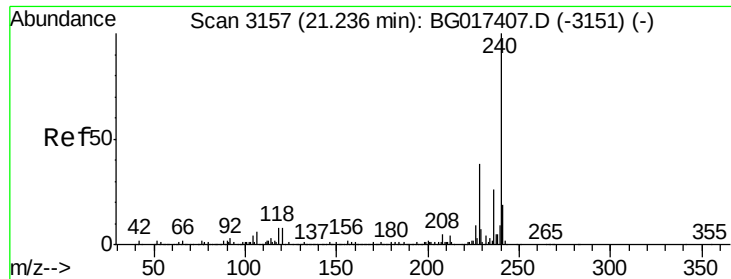
Tgt Ion:149 Resp: 300863
Ion Ratio Lower Upper
149 100
150 8.9 7.6 11.4
104 7.6 5.4 8.2



#74
Fluoranthene
Concen: 39.24 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:202 Resp: 315191
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.8
203 17.2 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

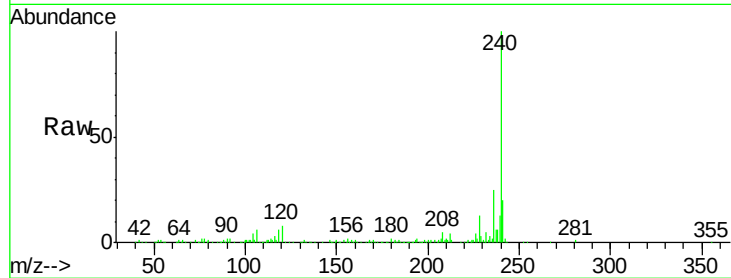
Tgt Ion:240 Resp: 135413

Ion Ratio Lower Upper

240 100

120 8.3 6.5 9.7

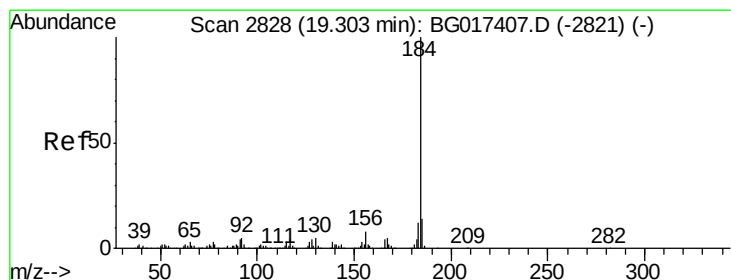
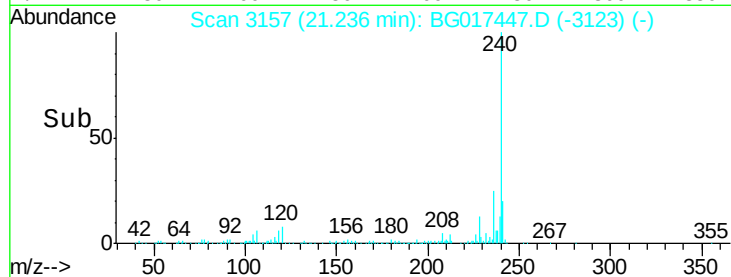
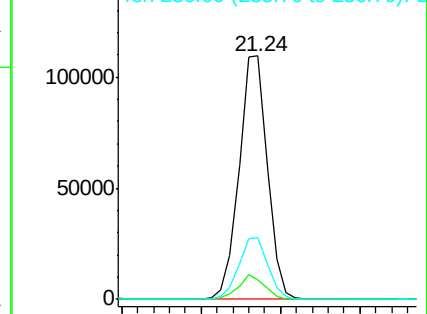
236 25.5 20.8 31.2



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: 30.27 ng

RT: 19.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

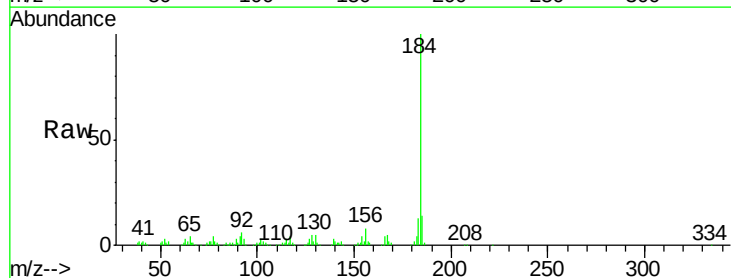
Tgt Ion:184 Resp: 140895

Ion Ratio Lower Upper

184 100

185 14.4 11.0 16.6

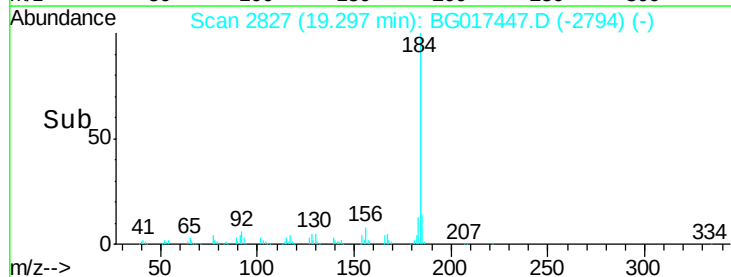
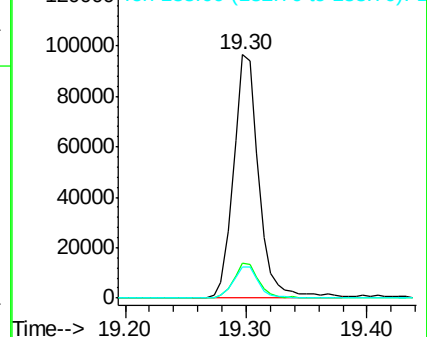
183 12.7 9.8 14.8

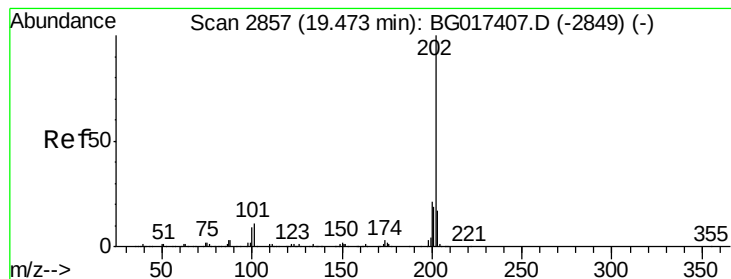


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 39.35 ng

RT: 19.47 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

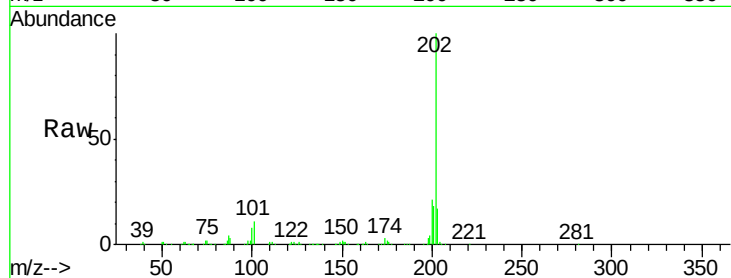
Tgt Ion:202 Resp: 328239

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

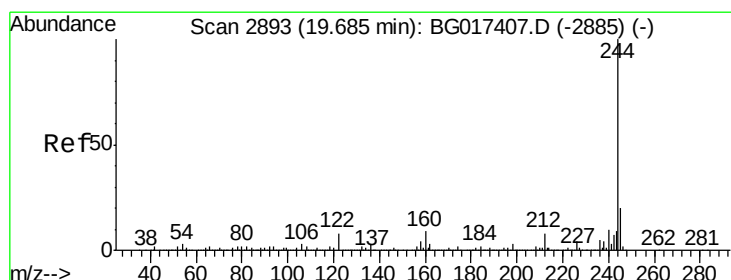
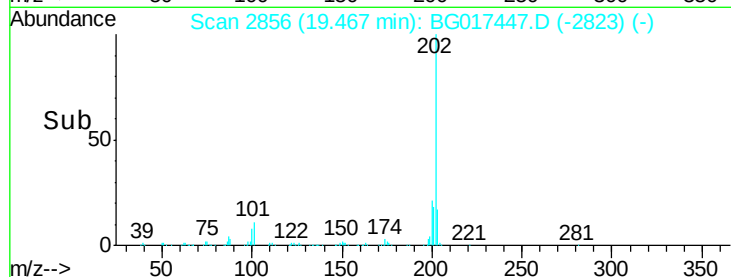
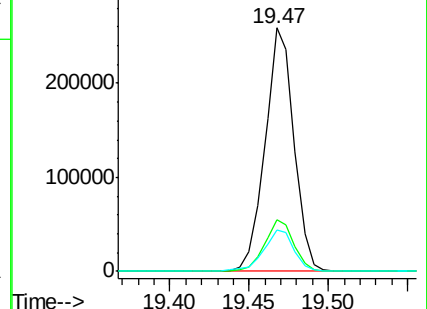
203 17.0 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 105.49 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

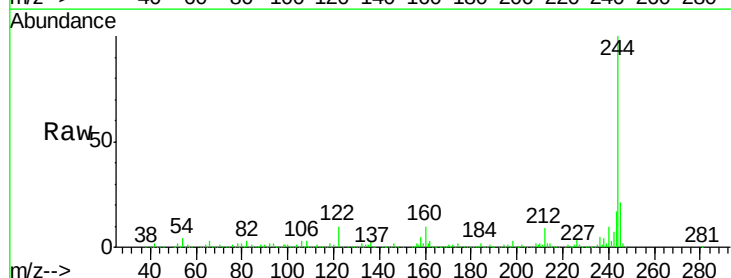
Tgt Ion:244 Resp: 691141

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

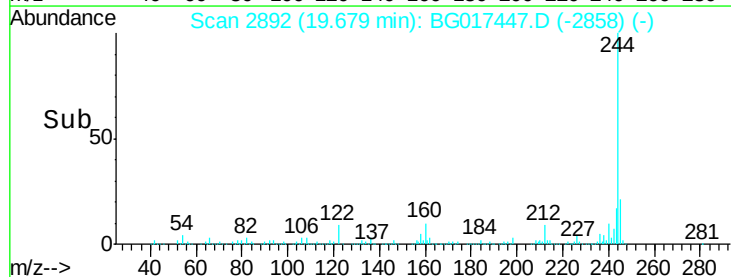
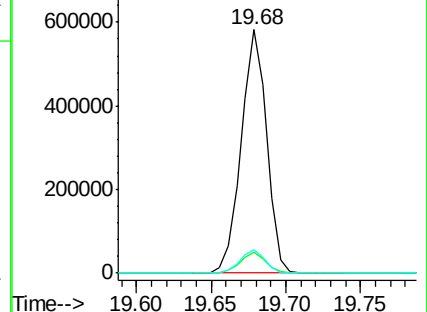
122 9.6 6.6 10.0

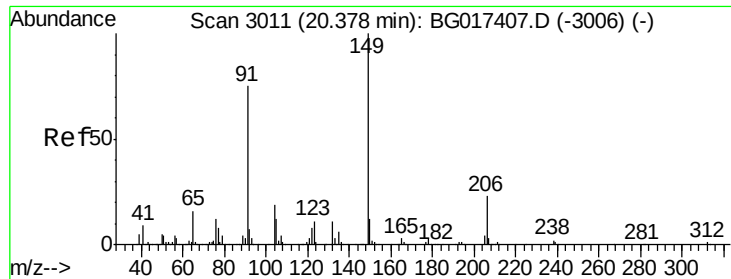


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

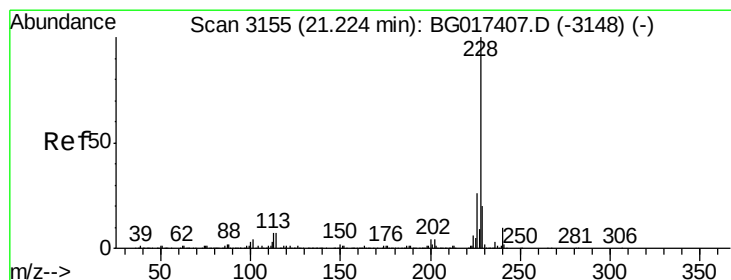
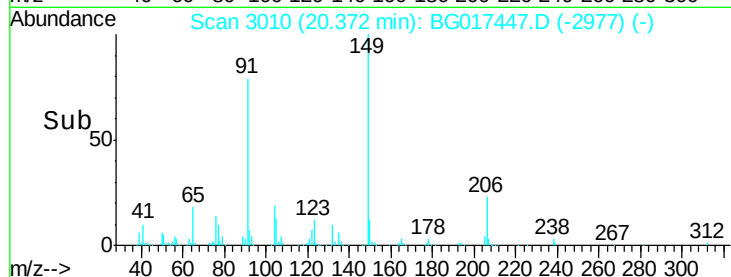
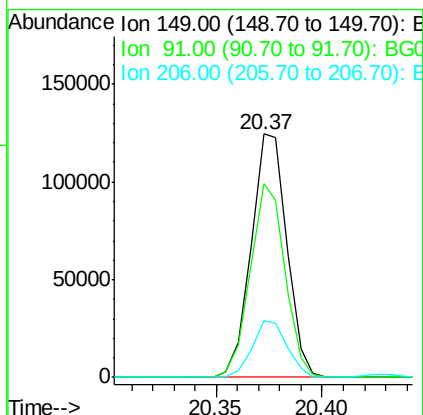
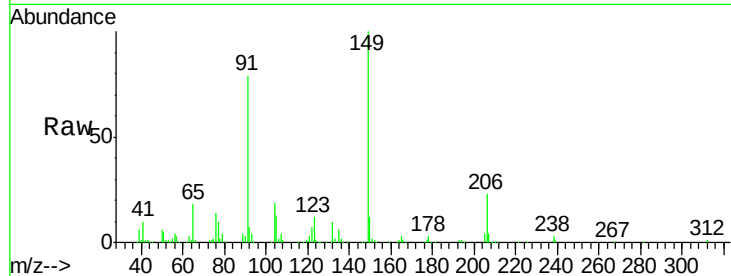




#79
Butylbenzylphthalate
Concen: 40.54 ng
RT: 20.37 min Scan# 3010
Delta R.T. -0.01 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

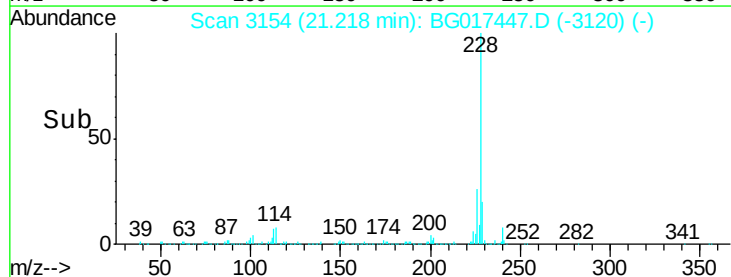
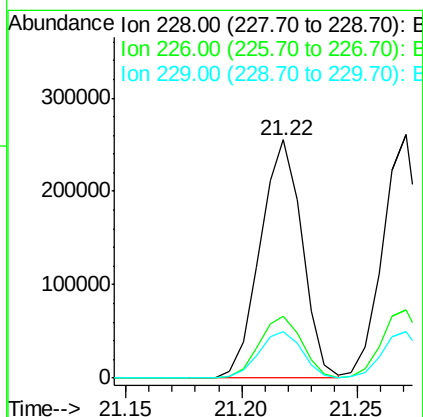
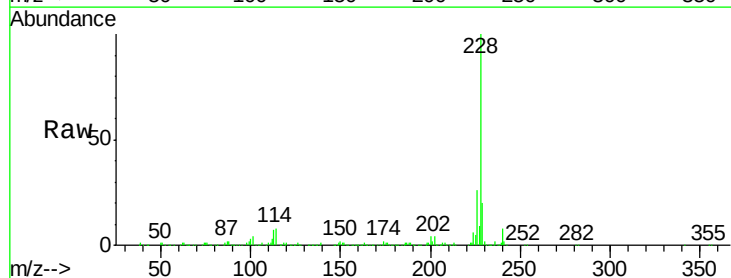
Instrument :
BNA_G
ClientSampleId :
PB83815BSD

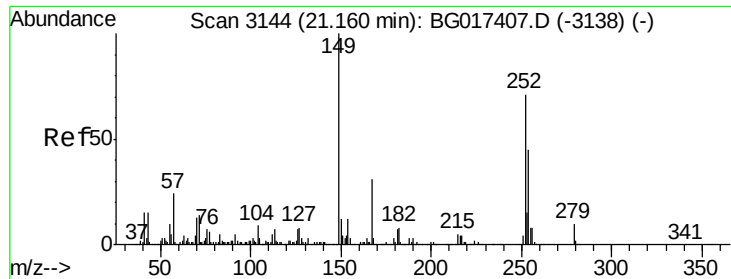
Tgt Ion:149 Resp: 146342
Ion Ratio Lower Upper
149 100
91 79.4 59.8 89.6
206 23.1 18.2 27.2



#80
Benzo(a)anthracene
Concen: 38.66 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG017447.D
Acq: 4 Jun 2015 18:23

Tgt Ion:228 Resp: 321970
Ion Ratio Lower Upper
228 100
226 26.2 21.0 31.6
229 19.5 15.7 23.5

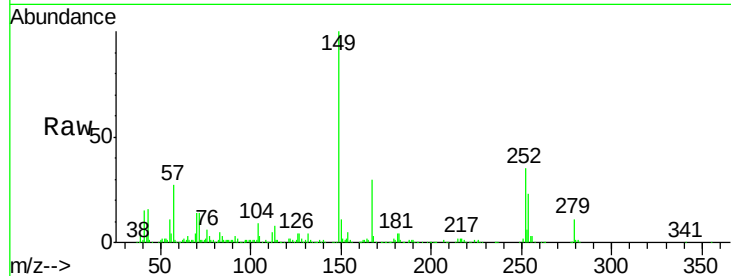




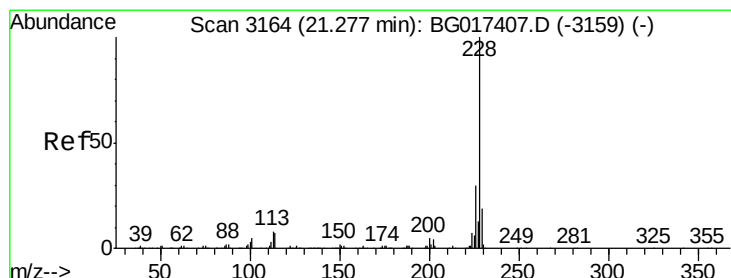
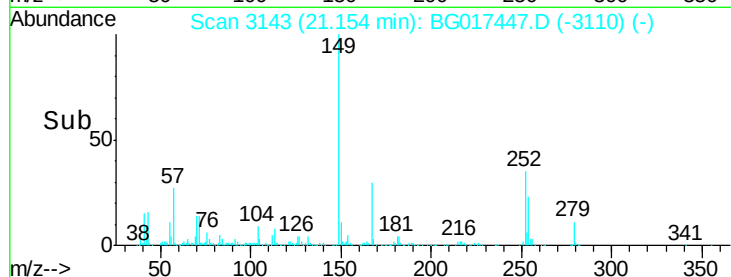
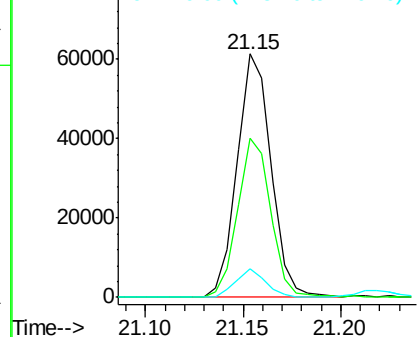
#81
 3,3'-Dichlorobenzidine
 Concen: 23.77 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion:252 Resp: 73948
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.1 76.7
 126 11.5 8.2 12.2

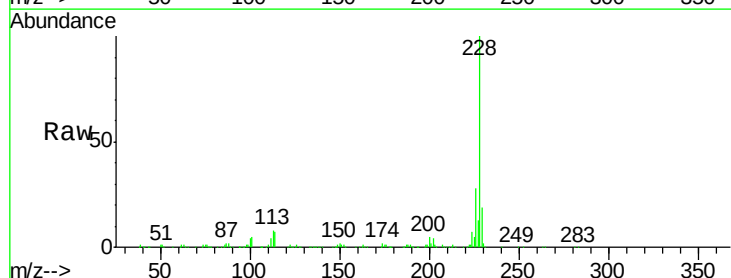


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

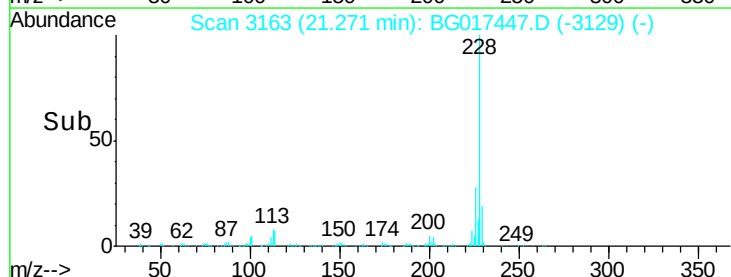
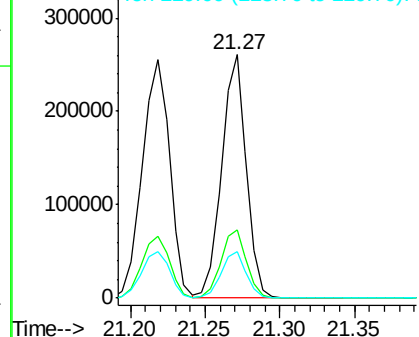


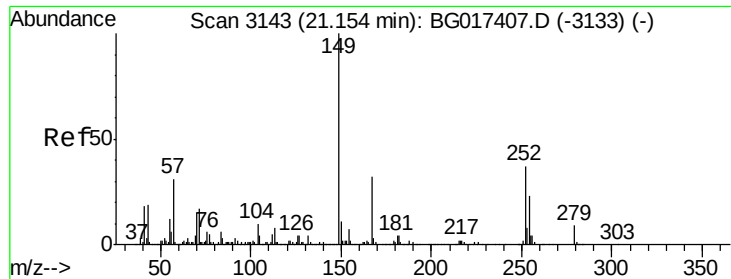
#82
 Chrysene
 Concen: 39.96 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion:228 Resp: 301372
 Ion Ratio Lower Upper
 228 100
 226 28.3 23.7 35.5
 229 19.0 15.2 22.8



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

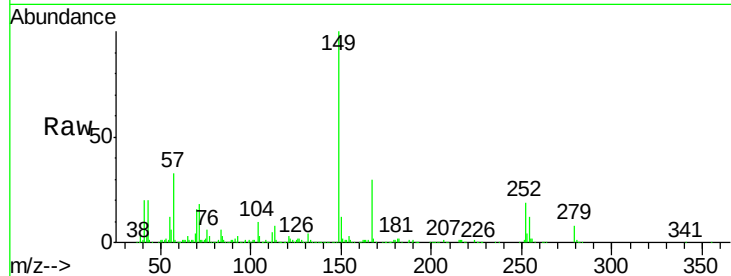




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.71 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Instrument :
 BNA_G
 ClientSampleId :
 PB83815BSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.5	25.4	38.2
279	8.3	7.1	10.7

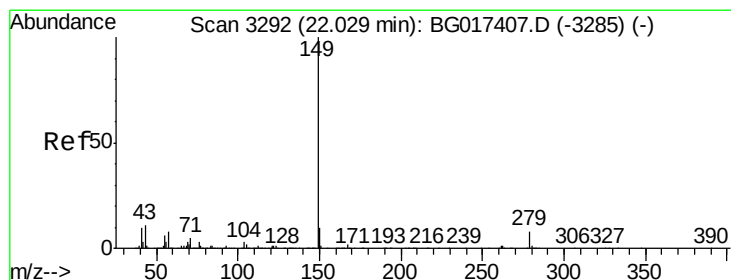
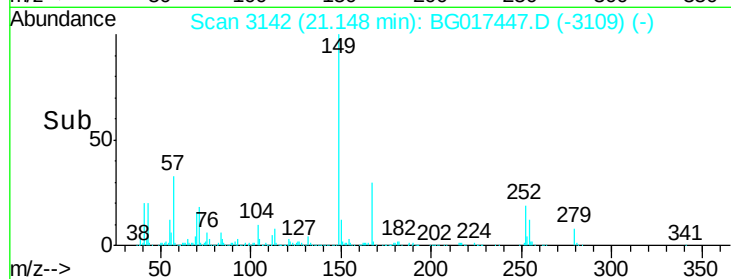
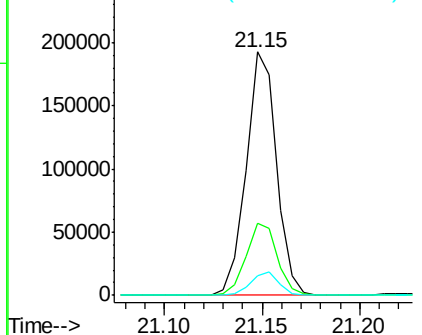


Abundance

Ion 149.00 (148.70 to 149.70): E

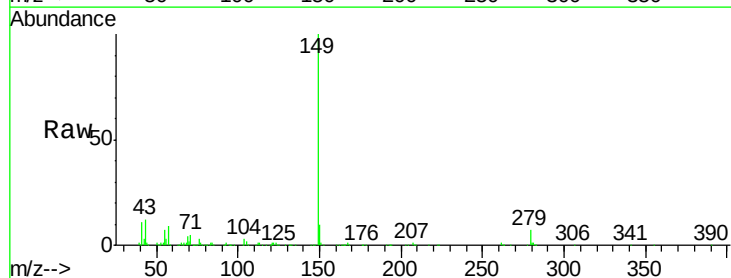
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 40.07 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BG017447.D
 Acq: 4 Jun 2015 18:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.2
43	12.1	9.8	14.6

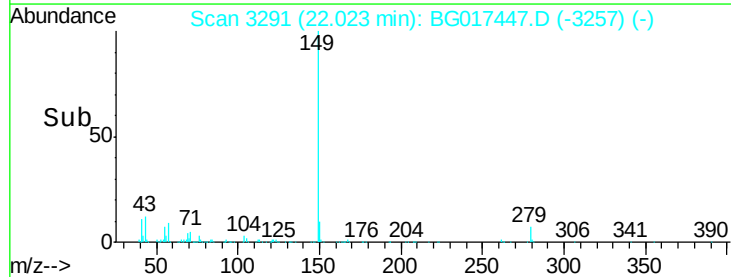
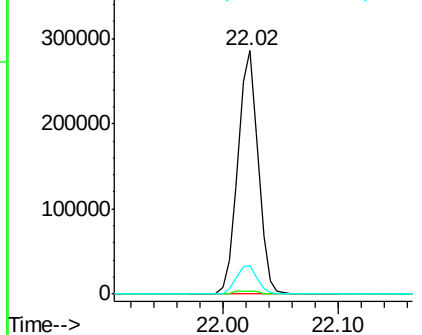


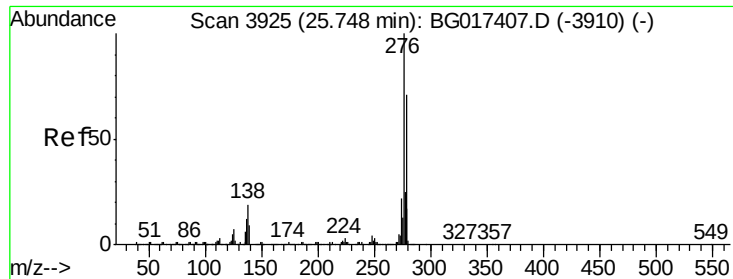
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.00 ng

RT: 25.74 min Scan# 3924

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

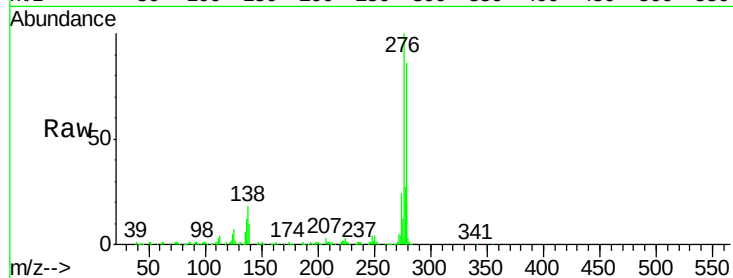
Tgt Ion:276 Resp: 359833

Ion Ratio Lower Upper

276 100

138 19.4 15.4 23.0

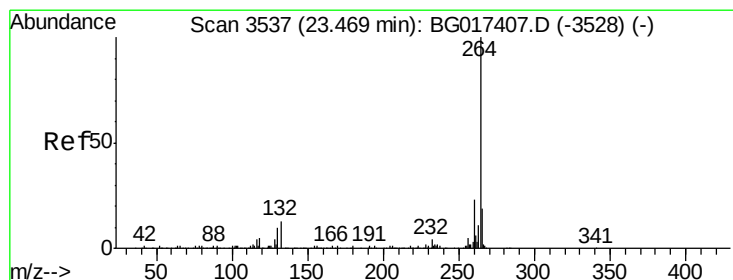
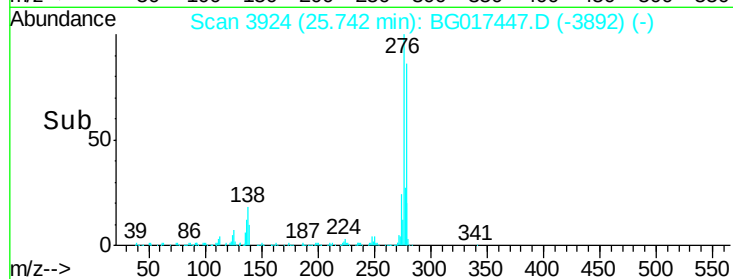
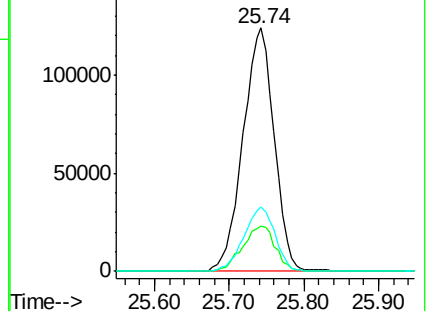
277 26.2 20.5 30.7



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: 23.46 min Scan# 3536

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

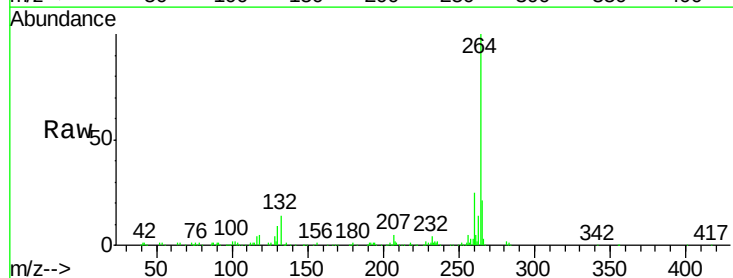
Tgt Ion:264 Resp: 133431

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

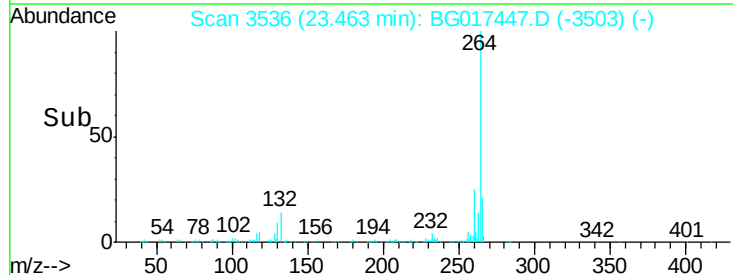
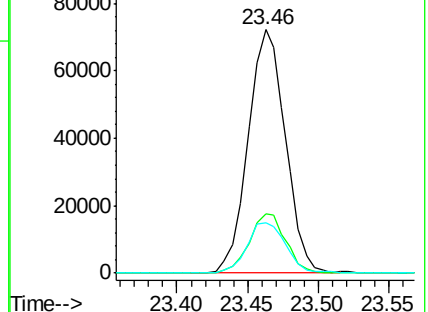
265 20.8 15.8 23.6

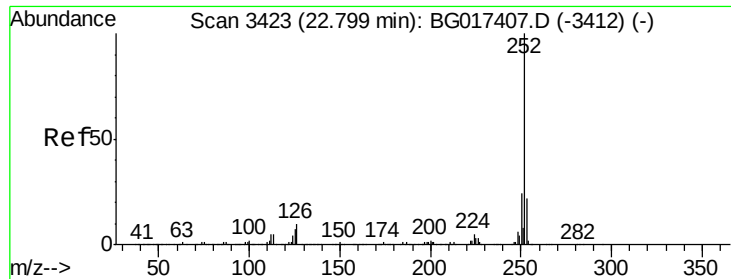


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.97 ng

RT: 22.79 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

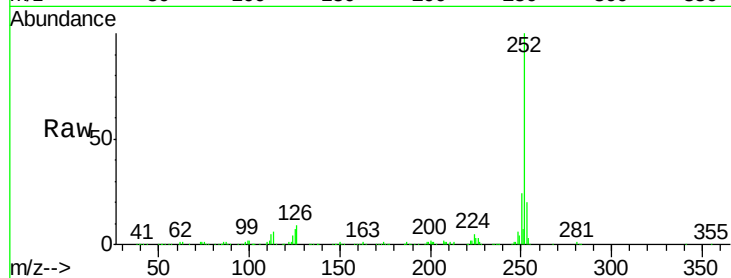
Tgt Ion:252 Resp: 329548

Ion Ratio Lower Upper

252 100

253 20.4 17.4 26.2

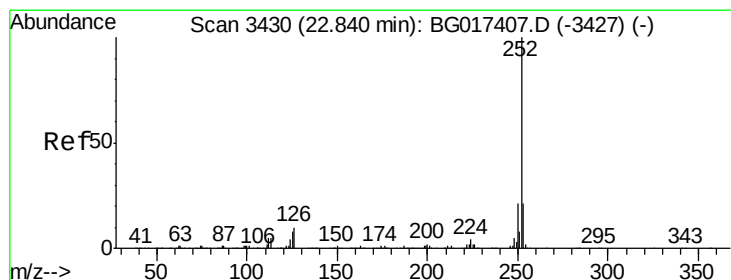
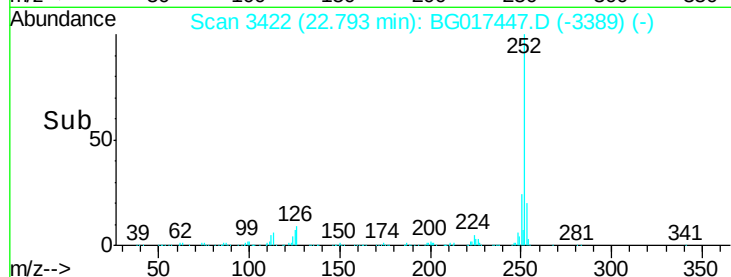
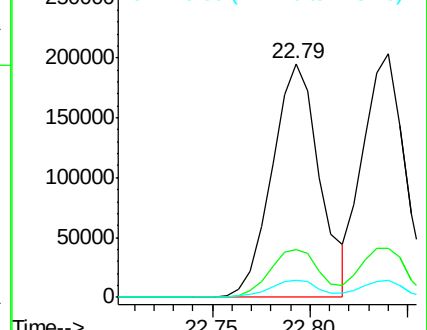
125 7.2 5.8 8.8



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



#88

Benzo(k)fluoranthene

Concen: 37.08 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

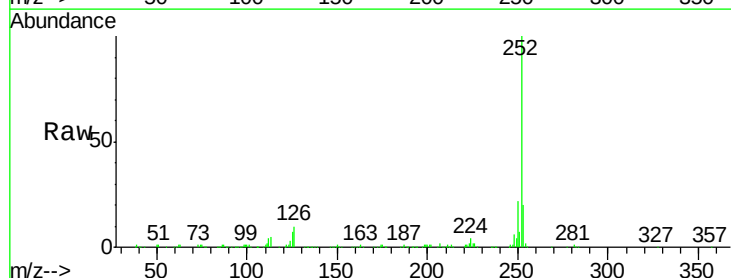
Tgt Ion:252 Resp: 300053

Ion Ratio Lower Upper

252 100

253 20.4 17.7 26.5

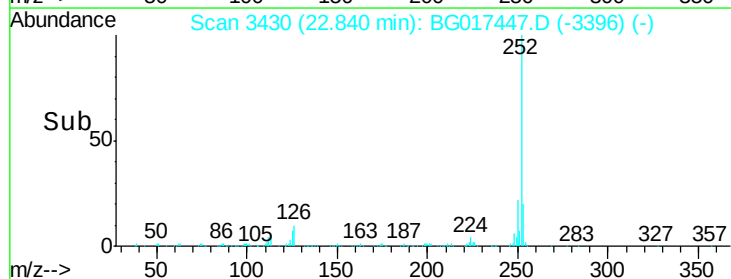
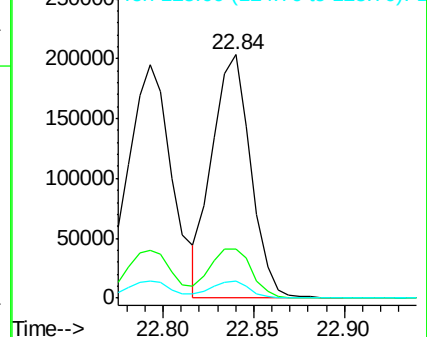
125 7.0 6.5 9.7

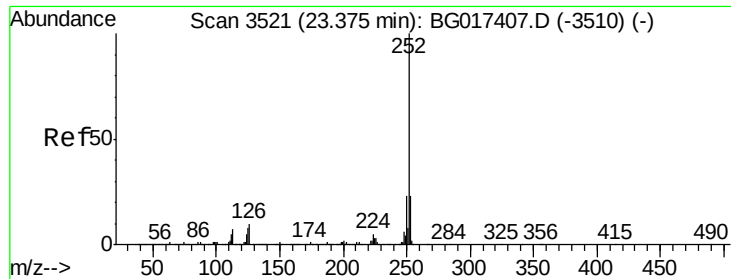


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.27 ng

RT: 23.37 min Scan# 3520

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

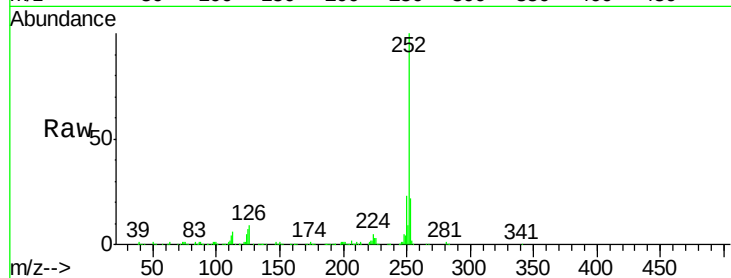
Tgt Ion:252 Resp: 304535

Ion Ratio Lower Upper

252 100

253 21.6 18.1 27.1

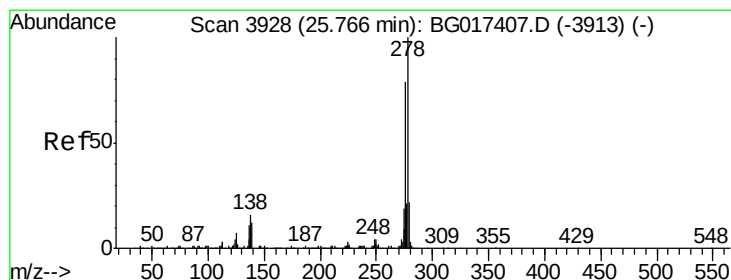
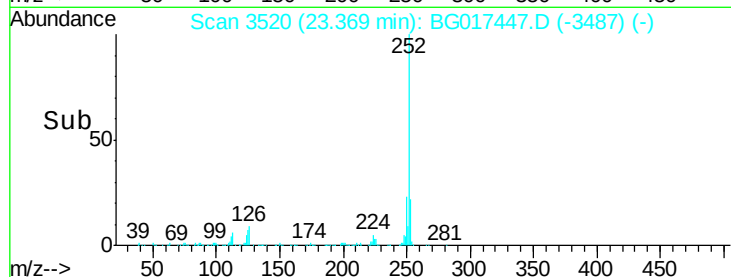
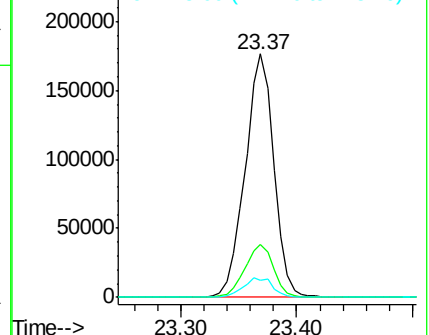
125 7.2 6.5 9.7



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: 37.90 ng

RT: 25.75 min Scan# 3925

Delta R.T. -0.02 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

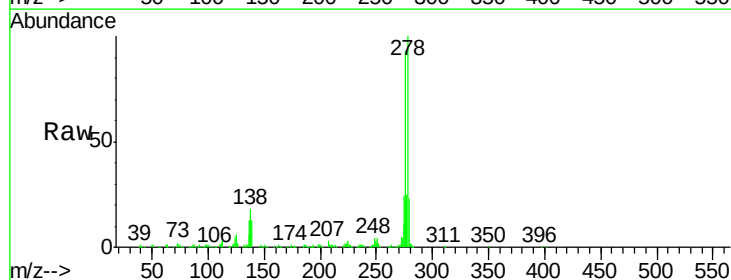
Tgt Ion:278 Resp: 305334

Ion Ratio Lower Upper

278 100

139 13.1 9.4 14.0

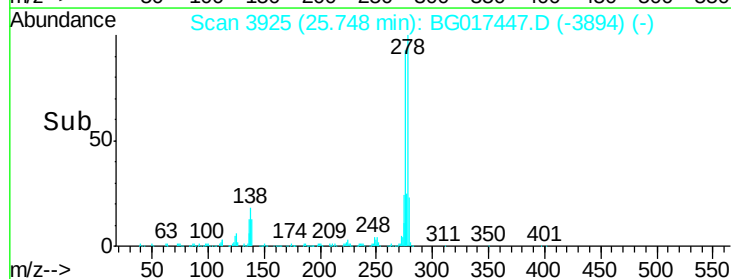
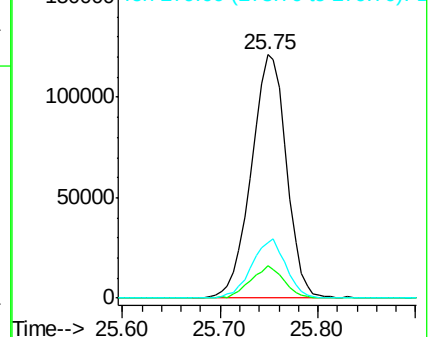
279 22.6 17.8 26.8

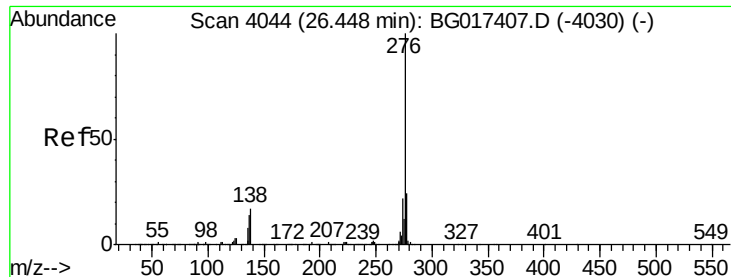


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.93 ng

RT: 26.44 min Scan# 4042

Delta R.T. -0.01 min

Lab File: BG017447.D

Acq: 4 Jun 2015 18:23

Instrument :

BNA_G

ClientSampleId :

PB83815BSD

Tgt Ion: 276 Resp: 290908

Ion Ratio Lower Upper

276 100

277 22.9 19.2 28.8

138 15.3 13.5 20.3

