

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017489.D
 Acq On : 6 Jun 2015 2:40
 Operator : TP/IZ
 Sample : PB83803BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Quant Time: Jun 06 06:38:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 06:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17347	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	70270	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	47589	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	113278	20.00	ng	0.00
75) Chrysene-d12	21.24	240	142444	20.00	ng	0.00
86) Perylene-d12	23.48	264	136058	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	138117	140.27	ng	0.00
7) Phenol-d6	6.84	99	179969	134.17	ng	0.00
23) Nitrobenzene-d5	8.78	82	124525	88.46	ng	0.00
41) 2,4,6-Tribromophenol	15.80	330	90848	137.44	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	283281	89.79	ng	0.00
78) Terphenyl-d14	19.69	244	567211	82.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.06	88	14840	33.49	ng	90
3) Pyridine	3.46	79	42068	35.54	ng	93
4) n-Nitrosodimethylamine	3.38	42	33135	42.71	ng	95
6) Aniline	6.95	93	51966	28.86	ng	93
8) 2-Chlorophenol	7.20	128	51199	43.97	ng	93
9) Benzaldehyde	6.76	77	2467	2.71	ng	92
10) Phenol	6.86	94	63778	46.29	ng	96
11) bis(2-Chloroethyl)ether	7.06	93	43546	41.48	ng	92
12) 1,3-Dichlorobenzene	7.51	146	51751	39.76	ng	98
13) 1,4-Dichlorobenzene	7.66	146	53231	39.03	ng	96
14) 1,2-Dichlorobenzene	7.97	146	51479	40.32	ng	97
15) Benzyl Alcohol	7.87	79	49387	39.55	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.17	45	67287	38.03	ng	97
17) 2-Methylphenol	8.10	107	44031	42.12	ng	95
18) Hexachloroethane	8.70	117	22699	41.71	ng	100
19) n-Nitroso-di-n-propylamine	8.43	70	41777	36.81	ng	93
20) 3+4-Methylphenols	8.44	107	60890	42.10	ng	# 67
22) Acetophenone	8.45	105	74119	43.03	ng	# 92
24) Nitrobenzene	8.83	77	62090	42.49	ng	94
25) Isophorone	9.35	82	109945	37.34	ng	95
26) 2-Nitrophenol	9.54	139	29754	43.90	ng	97
27) 2,4-Dimethylphenol	9.62	122	50378	45.71	ng	98
28) bis(2-Chloroethoxy)methane	9.84	93	57013	42.39	ng	97
29) 2,4-Dichlorophenol	10.10	162	50949	47.44	ng	97
30) 1,2,4-Trichlorobenzene	10.28	180	52707	41.74	ng	99
31) Naphthalene	10.47	128	147312	40.13	ng	99
32) Benzoic acid	9.79	122	27026	38.79	ng	89
33) 4-Chloroaniline	10.59	127	40710	24.99	ng	96
34) Hexachlorobutadiene	10.75	225	33766	41.08	ng	95
35) Caprolactam	11.37	113	14237	24.09	ng	98
36) 4-Chloro-3-methylphenol	11.76	107	61898	44.30	ng	86
37) 2-Methylnaphthalene	12.09	142	120165	42.58	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	62403	43.09	ng	95
40) Hexachlorocyclopentadiene	12.44	237	64966	76.36	ng	96

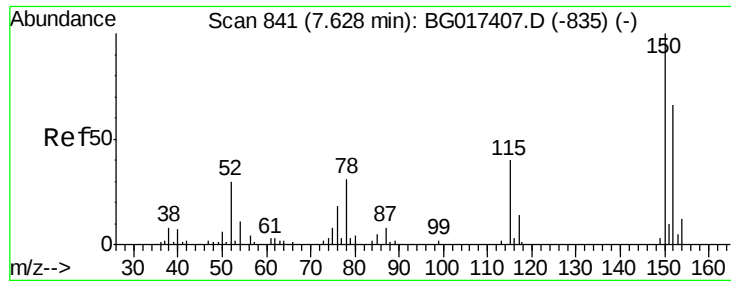
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060515\
 Data File : BG017489.D
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 Operator : TP/IZ
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Instrument :
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Quant Time: Jun 06 06:38:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 06 06:36:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.73	196	43568	42.02	ng	96
43) 2,4,5-Trichlorophenol	12.83	196	49214	43.33	ng	97
45) 1,1'-Biphenyl	13.12	154	154895	44.53	ng	99
46) 2-Chloronaphthalene	13.16	162	123152	42.34	ng	99
47) 2-Nitroaniline	13.38	65	47583	44.30	ng	97
48) Acenaphthylene	14.01	152	210345	41.06	ng	98
49) Dimethylphthalate	13.76	163	172960	41.75	ng	100
50) 2,6-Dinitrotoluene	13.88	165	40147	43.14	ng	94
51) Acenaphthene	14.36	154	124757	41.31	ng	97
52) 3-Nitroaniline	14.21	138	30018	29.78	ng	# 91
53) 2,4-Dinitrophenol	14.43	184	45733	78.45	ng	95
54) Dibenzofuran	14.69	168	192876	43.29	ng	94
55) 4-Nitrophenol	14.59	139	64286	79.93	ng	96
56) 2,4-Dinitrotoluene	14.68	165	56386	42.53	ng	# 84
57) Fluorene	15.35	166	173654	42.98	ng	# 95
58) 2,3,4,6-Tetrachlorophenol	14.94	232	45183	43.61	ng	96
59) Diethylphthalate	15.13	149	183032	40.71	ng	96
60) 4-Chlorophenyl-phenylether	15.34	204	92120	45.00	ng	99
61) 4-Nitroaniline	15.39	138	41633	37.51	ng	# 84
62) Azobenzene	15.63	77	187539	43.88	ng	95
64) 4,6-Dinitro-2-methylphenol	15.44	198	35656	42.46	ng	90
65) n-Nitrosodiphenylamine	15.56	169	153780	45.52	ng	96
66) 4-Bromophenyl-phenylether	16.24	248	55290	44.09	ng	99
67) Hexachlorobenzene	16.35	284	60218	44.67	ng	96
68) Atrazine	16.52	200	62302	41.90	ng	93
69) Pentachlorophenol	16.71	266	66721	80.80	ng	96
70) Phenanthrene	17.09	178	274614	43.48	ng	99
71) Anthracene	17.18	178	283218	44.89	ng	99
72) Carbazole	17.46	167	271596	43.60	ng	97
73) Di-n-butylphthalate	18.02	149	345539	43.31	ng	99
74) Fluoranthene	19.11	202	353704	42.83	ng	99
76) Benzidine	19.31	184	184364	37.66	ng	99
77) Pyrene	19.48	202	366156	41.73	ng	100
79) Butylbenzylphthalate	20.38	149	162187	42.71	ng	99
80) Benzo(a)anthracene	21.23	228	363560	41.50	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	108029	33.00	ng	100
82) Chrysene	21.28	228	342533	43.18	ng	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	236879	43.26	ng	98
84) Di-n-octyl phthalate	22.03	149	394204	42.94	ng	100
85) Indeno(1,2,3-cd)pyrene	25.76	276	406706	40.83	ng	98
87) Benzo(b)fluoranthene	22.81	252	355421	41.22	ng	100
88) Benzo(k)fluoranthene	22.85	252	354056	42.91	ng	99
89) Benzo(a)pyrene	23.38	252	345613	43.71	ng	97
90) Dibenzo(a,h)anthracene	25.78	278	343149	41.77	ng	98
91) Benzo(g,h,i)perylene	26.46	276	326189	41.71	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# 839

Delta R.T. -0.00 min

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Acq: 6 Jun 2015 2:40

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PB83803BSD

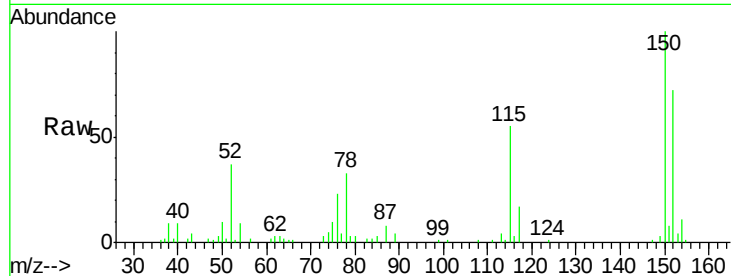
Tgt Ion:152 Resp: 17347

Ion Ratio Lower Upper

152 100

150 138.0 121.7 182.5

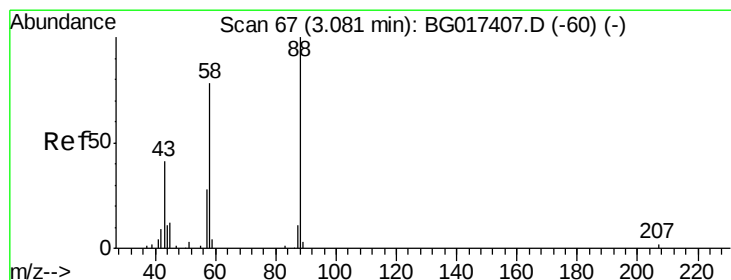
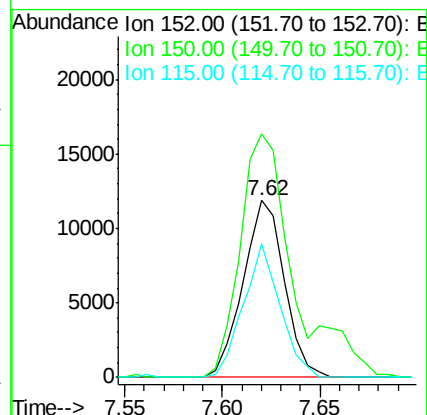
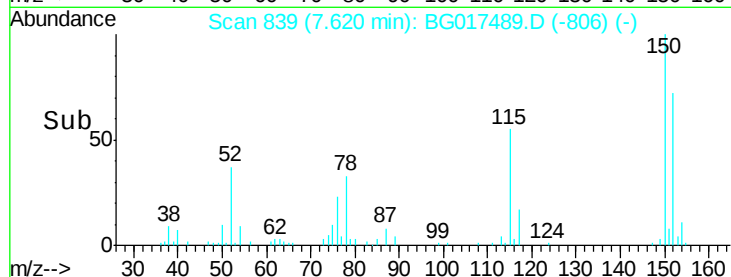
115 75.4 48.6 73.0#



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: 33.49 ng

RT: 3.06 min Scan# 63

Delta R.T. -0.01 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

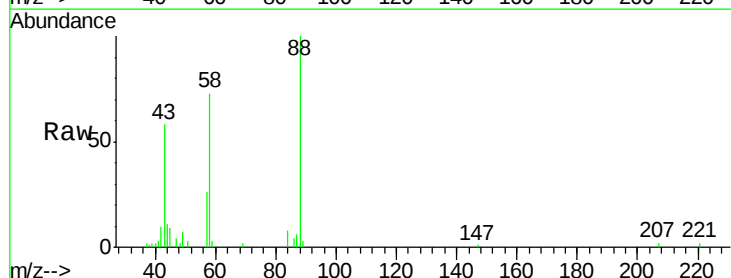
Tgt Ion: 88 Resp: 14840

Ion Ratio Lower Upper

88 100

58 83.8 59.0 88.6

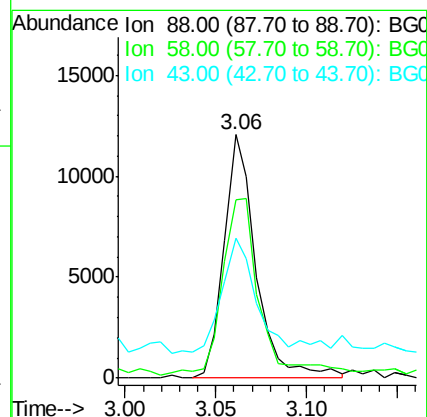
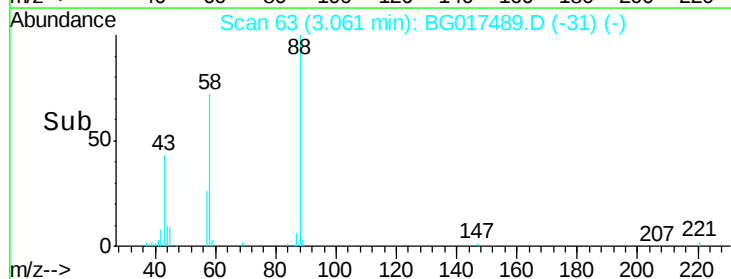
43 48.0 34.5 51.7

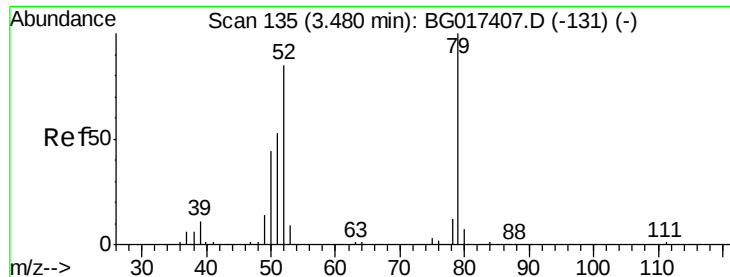


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.54 ng

RT: 3.46 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

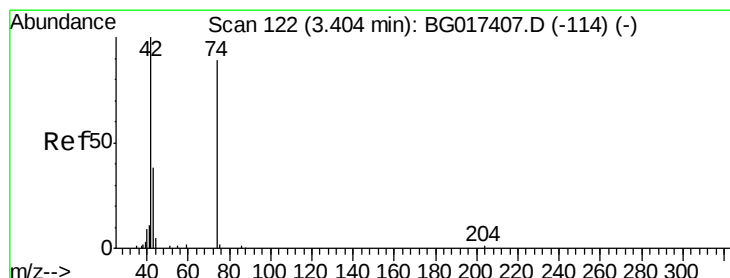
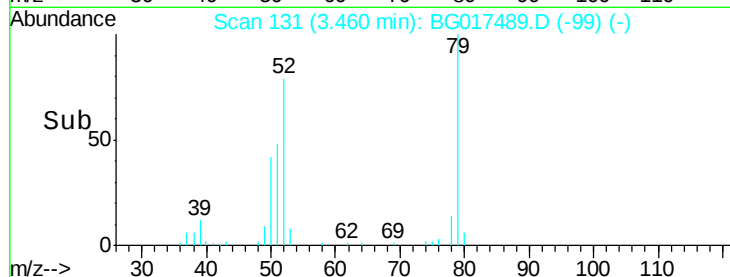
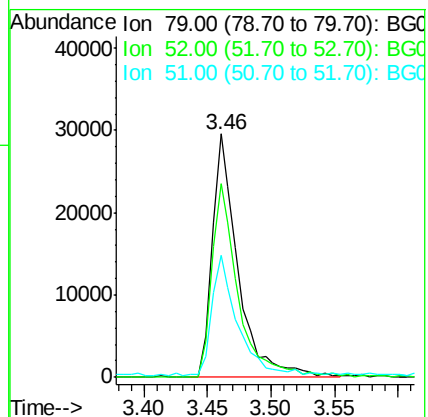
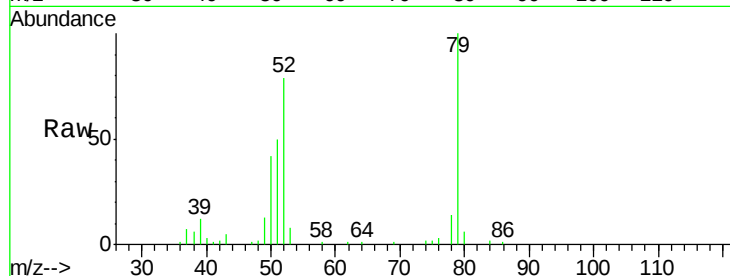
Tgt Ion: 79 Resp: 42068

Ion Ratio Lower Upper

79 100

52 79.4 68.3 102.5

51 50.2 45.0 67.4



#4

n-Nitrosodimethylamine

Concen: 42.71 ng

RT: 3.38 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

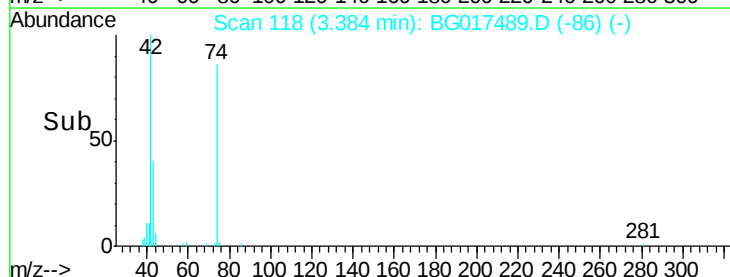
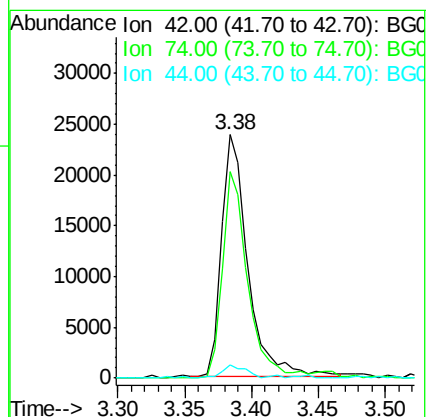
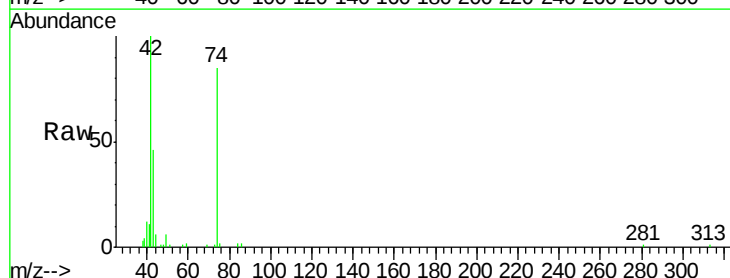
Tgt Ion: 42 Resp: 33135

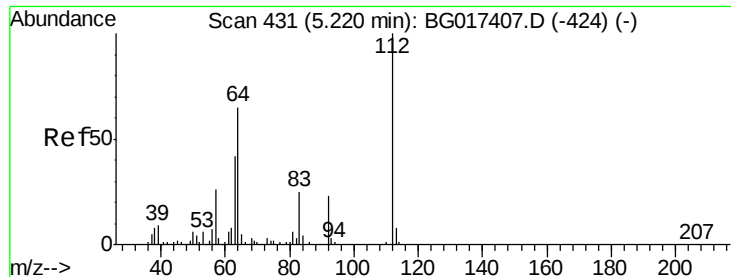
Ion Ratio Lower Upper

42 100

74 84.8 71.4 107.2

44 5.6 4.5 6.7





#5

2-Fluorophenol

Concen: 140.27 ng

RT: 5.22 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

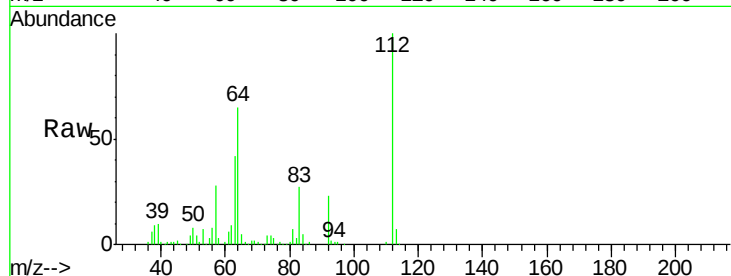
Tgt Ion: 112 Resp: 138117

Ion Ratio Lower Upper

112 100

64 64.9 51.6 77.4

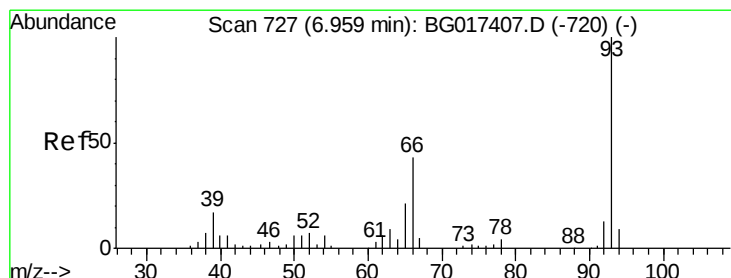
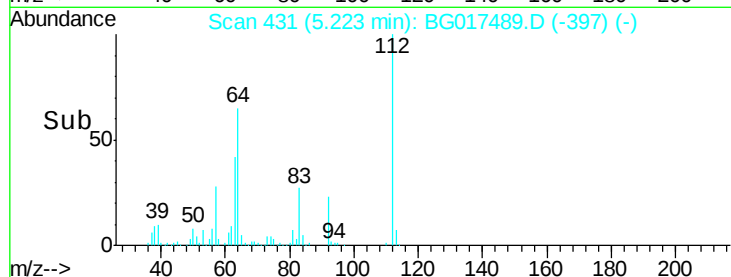
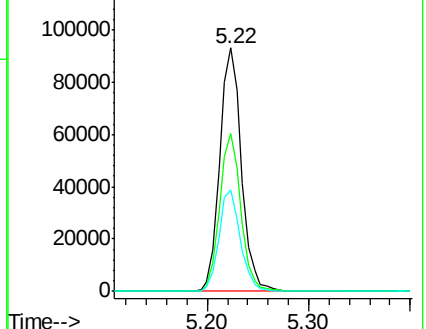
63 41.8 33.3 49.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.86 ng

RT: 6.95 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

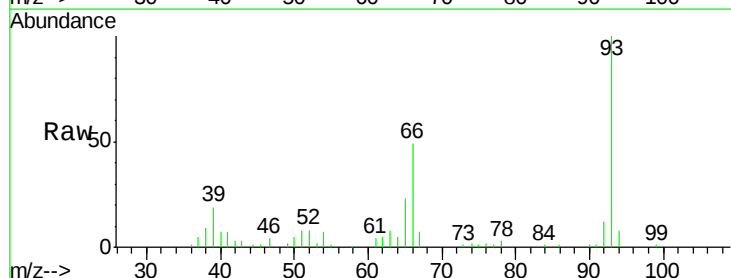
Tgt Ion: 93 Resp: 51966

Ion Ratio Lower Upper

93 100

66 48.7 34.3 51.5

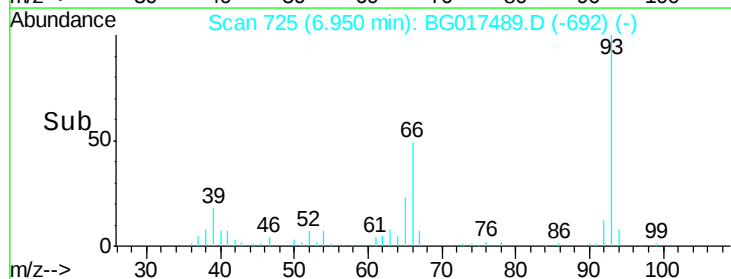
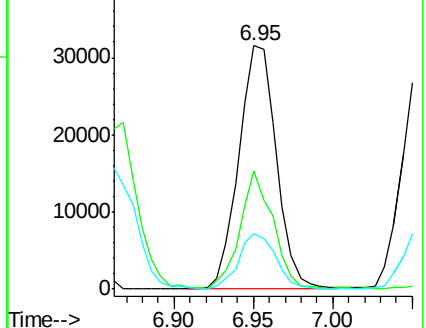
65 22.7 17.0 25.4

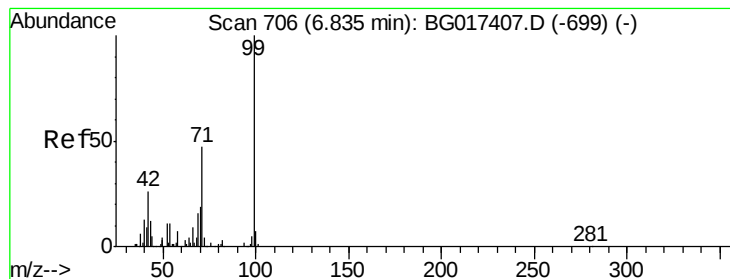


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 134.17 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

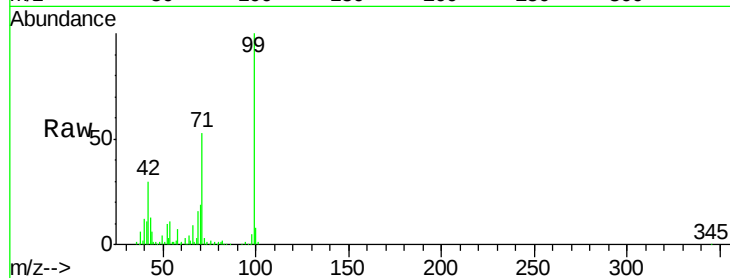
Tgt Ion: 99 Resp: 179969

Ion Ratio Lower Upper

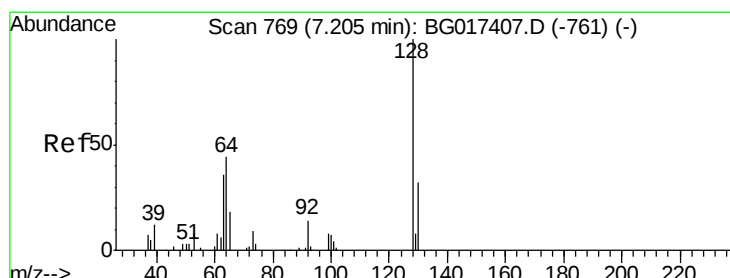
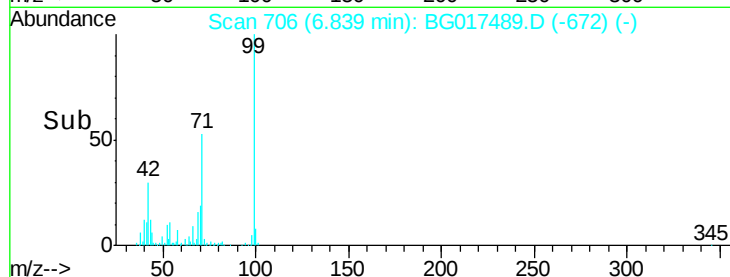
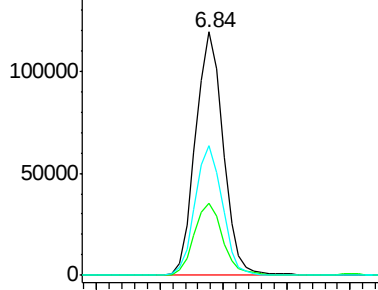
99 100

42 29.9 21.0 31.6

71 53.4 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: 43.97 ng

RT: 7.20 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

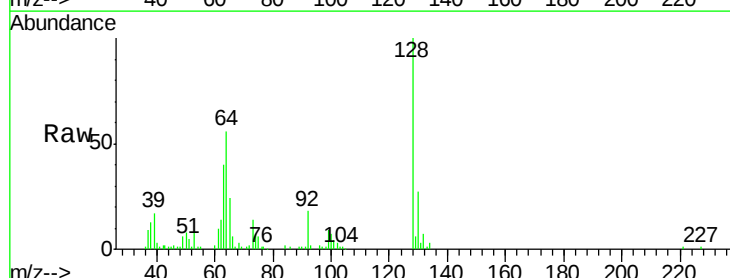
Tgt Ion: 128 Resp: 51199

Ion Ratio Lower Upper

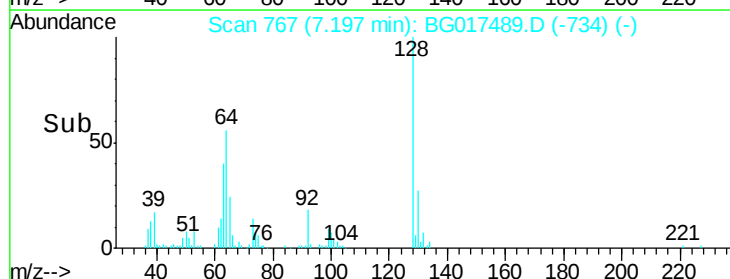
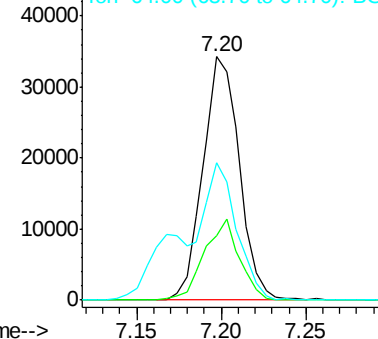
128 100

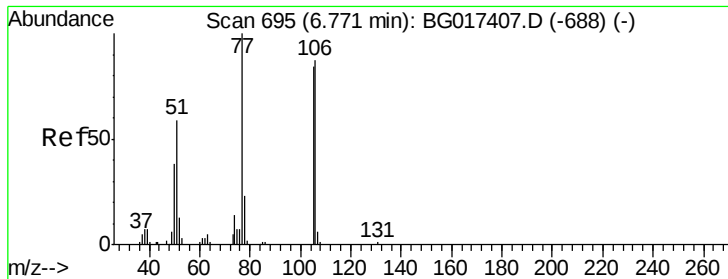
130 26.5 11.7 51.7

64 56.4 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: 2.71 ng

RT: 6.76 min Scan# 693

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

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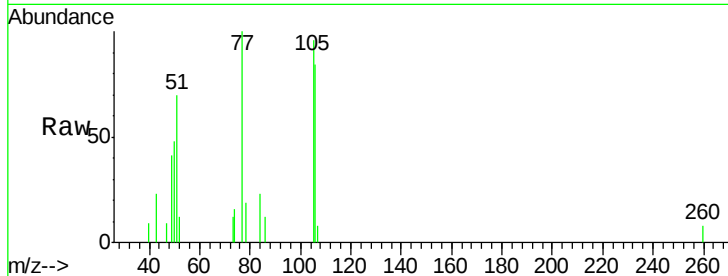
Tgt Ion: 77 Resp: 2467

Ion Ratio Lower Upper

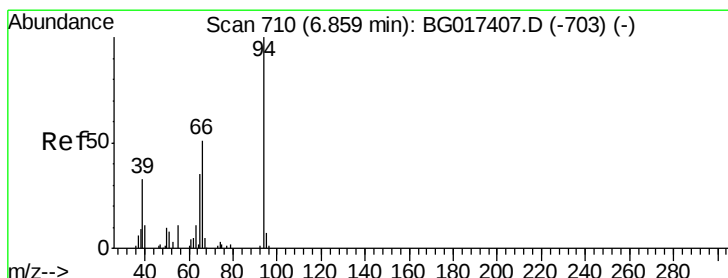
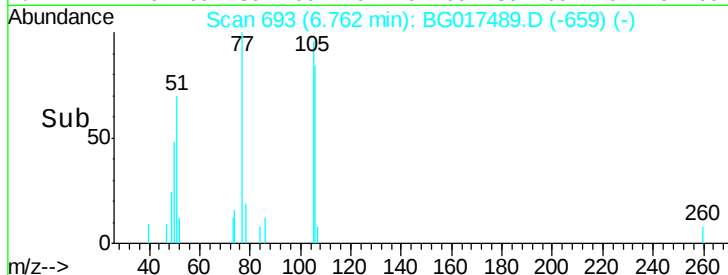
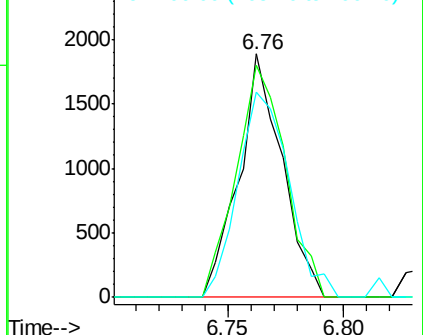
77 100

105 95.6 64.0 104.0

106 84.5 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: 46.29 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

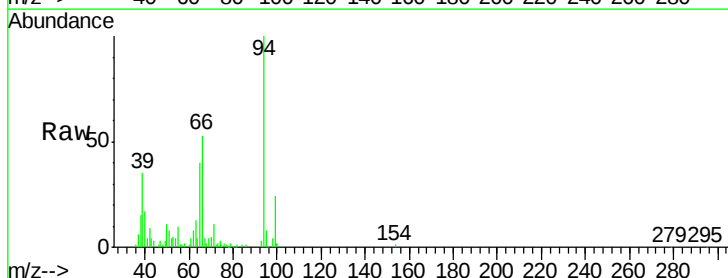
Tgt Ion: 94 Resp: 63778

Ion Ratio Lower Upper

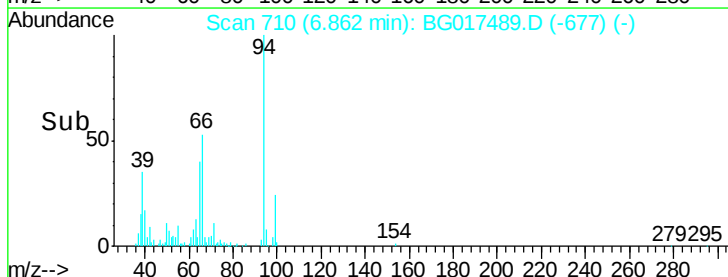
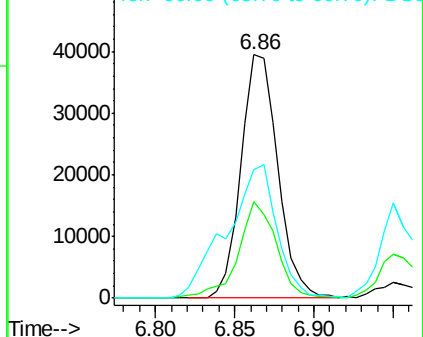
94 100

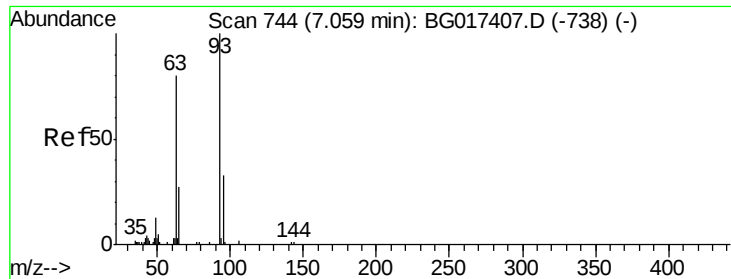
65 39.7 15.9 55.9

66 52.7 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: 41.48 ng

RT: 7.06 min Scan# 743

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

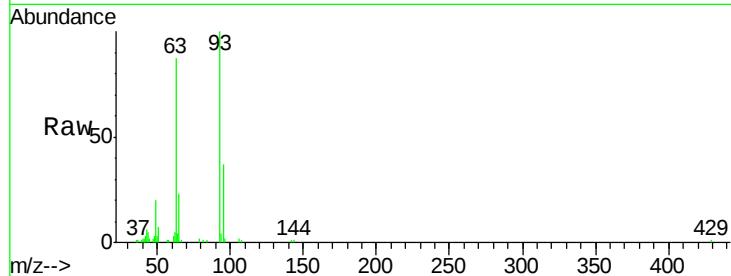
Tgt Ion: 93 Resp: 43546

Ion Ratio Lower Upper

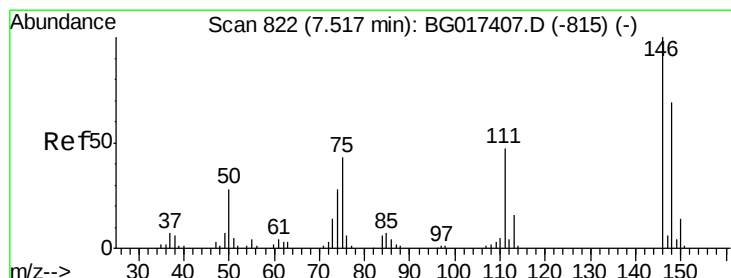
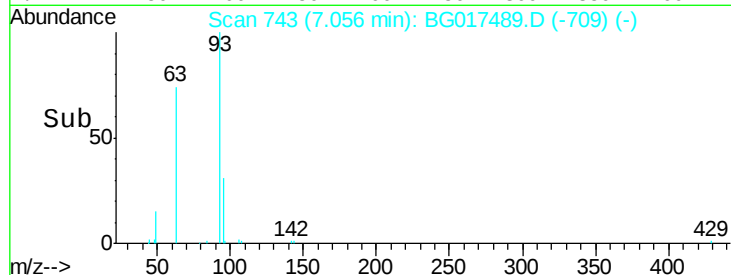
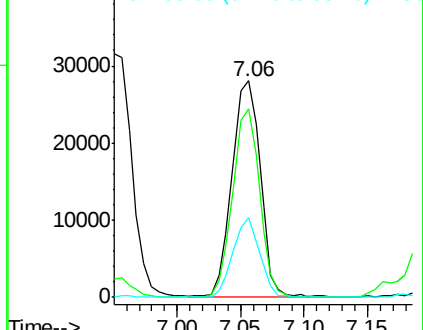
93 100

63 87.1 59.7 99.7

95 37.0 13.2 53.2



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 39.76 ng

RT: 7.51 min Scan# 820

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

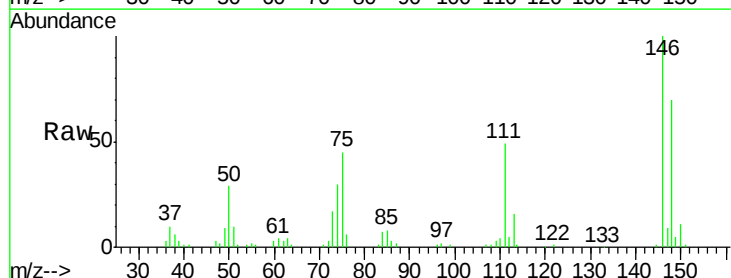
Tgt Ion: 146 Resp: 51751

Ion Ratio Lower Upper

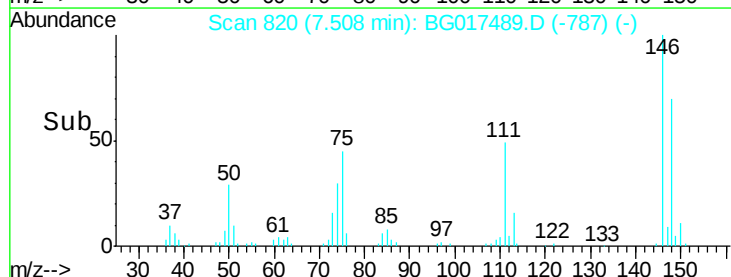
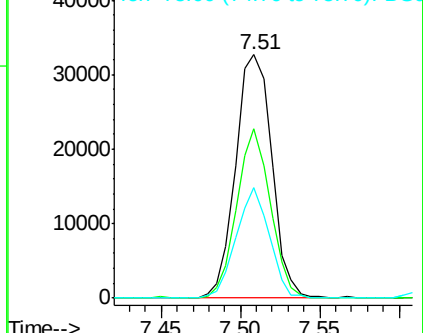
146 100

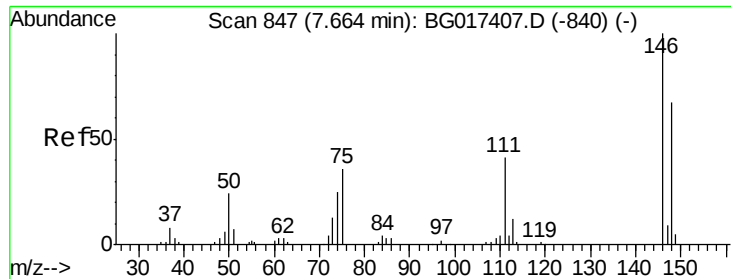
148 69.7 55.2 82.8

75 45.2 34.1 51.1



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

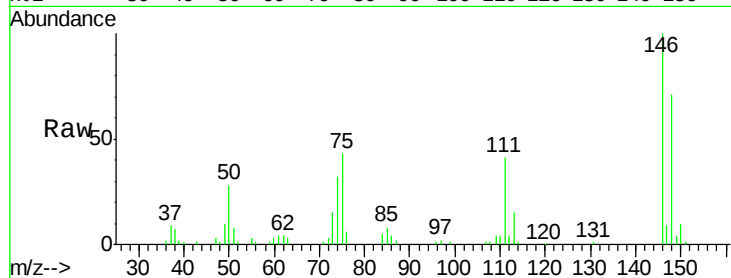




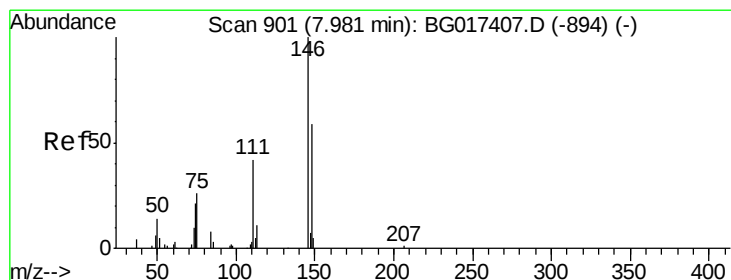
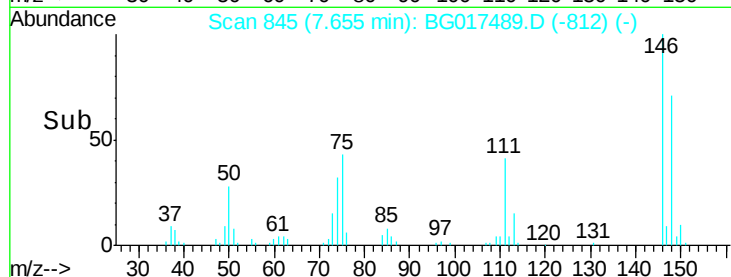
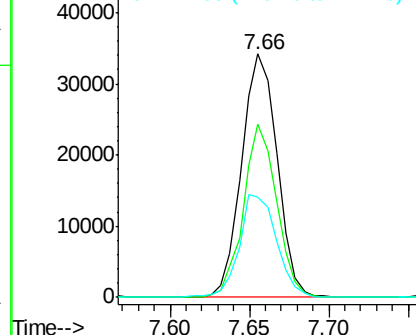
#13
 1,4-Dichlorobenzene
 Concen: 39.03 ng
 RT: 7.66 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:146 Resp: 53231
 Ion Ratio Lower Upper
 146 100
 148 71.1 53.2 79.8
 111 41.0 33.2 49.8

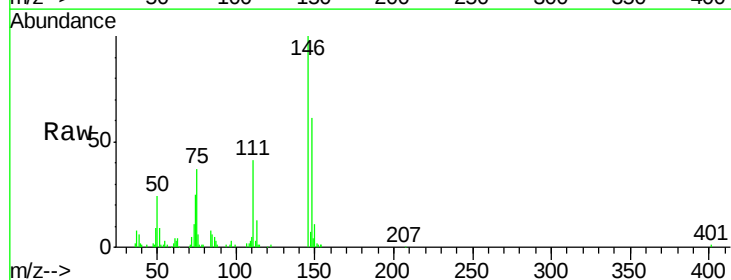


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

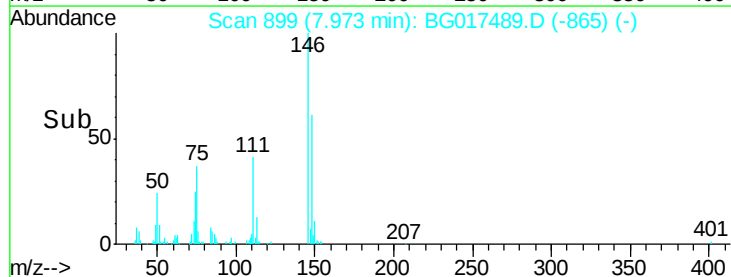
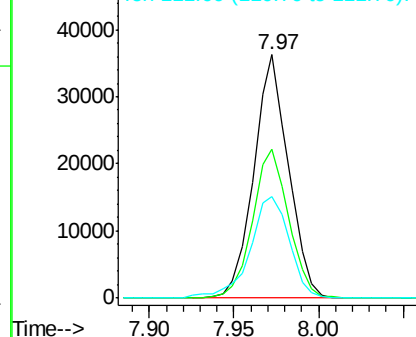


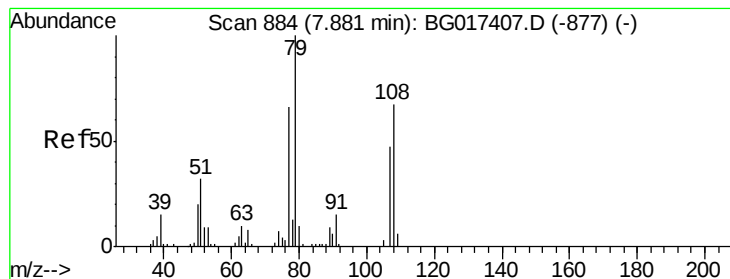
#14
 1,2-Dichlorobenzene
 Concen: 40.32 ng
 RT: 7.97 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:146 Resp: 51479
 Ion Ratio Lower Upper
 146 100
 148 61.1 46.9 70.3
 111 41.5 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: 39.55 ng

RT: 7.87 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

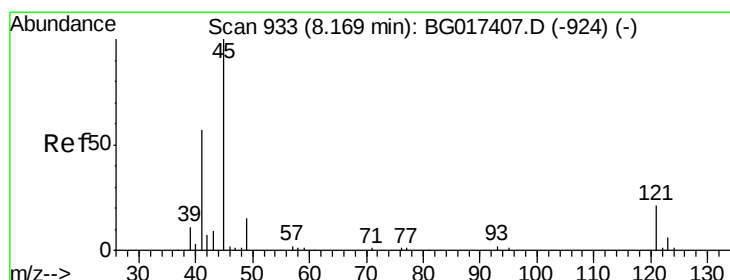
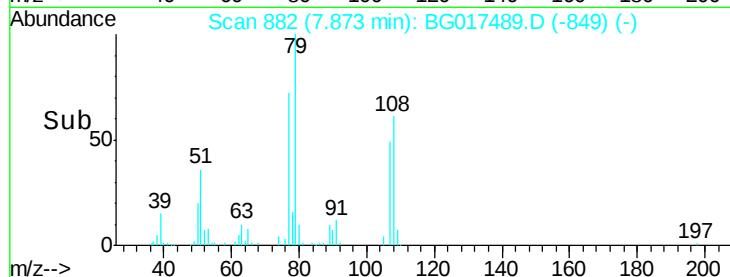
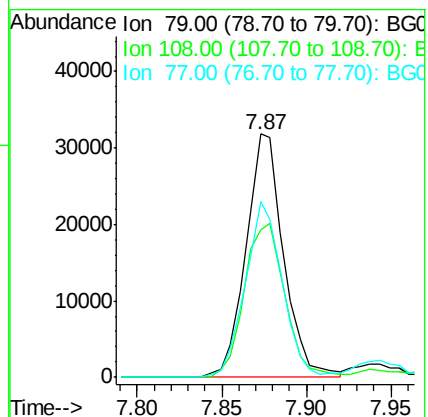
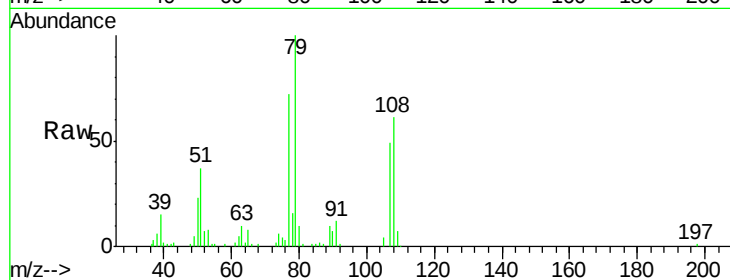
Tgt Ion: 79 Resp: 49387

Ion Ratio Lower Upper

79 100

108 60.7 53.7 80.5

77 72.4 53.0 79.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.03 ng

RT: 8.17 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

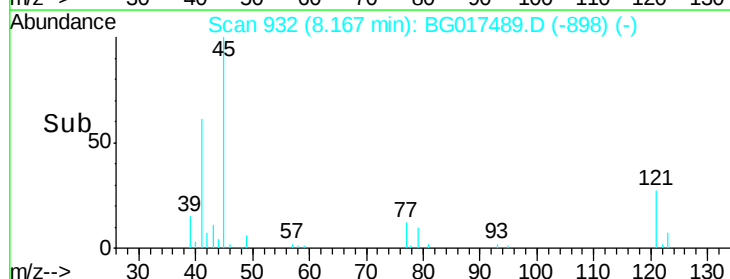
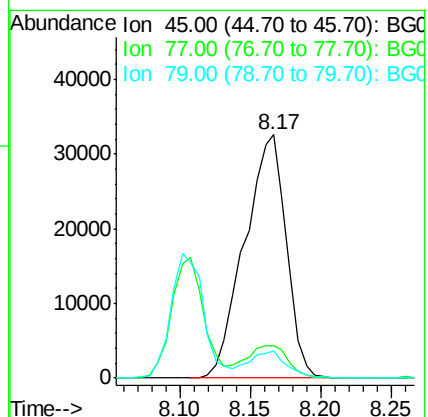
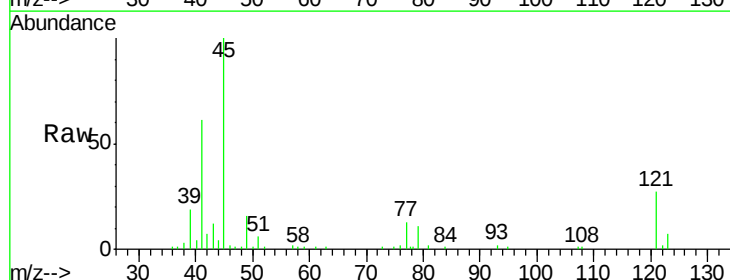
Tgt Ion: 45 Resp: 67287

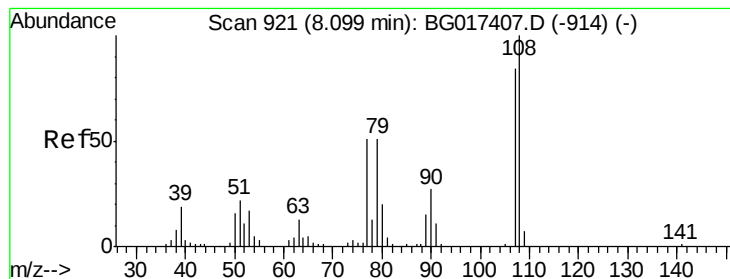
Ion Ratio Lower Upper

45 100

77 13.7 0.0 33.9

79 11.4 0.0 29.0





#17

2-Methylphenol

Concen: 42.12 ng

RT: 8.10 min Scan# 921

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

Tgt Ion:107 Resp: 44031

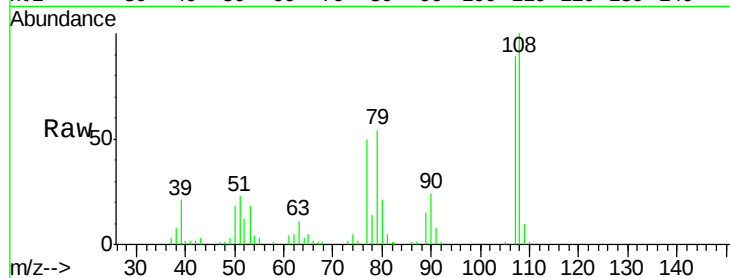
Ion Ratio Lower Upper

107 100

108 112.1 95.4 143.0

77 55.6 48.8 73.2

79 60.5 48.2 72.4

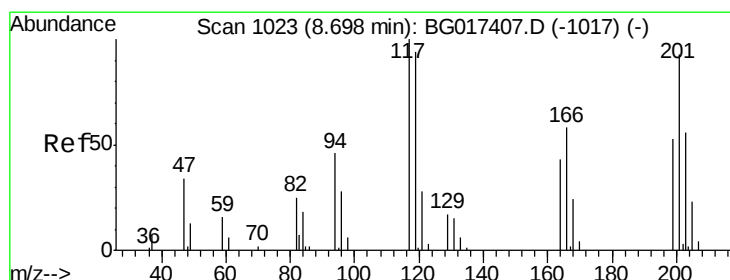
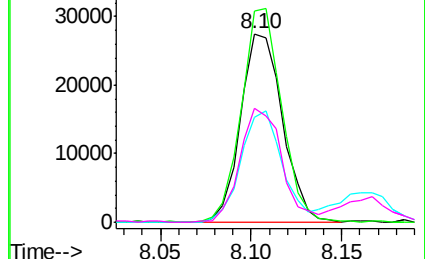
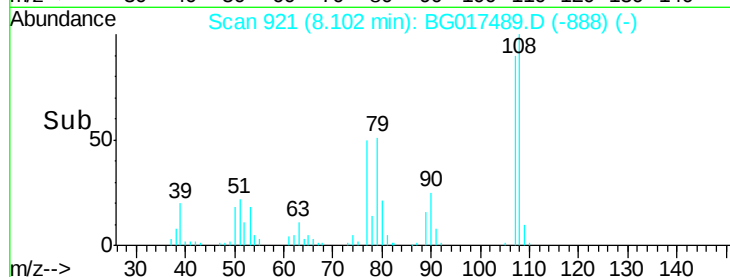


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.71 ng

RT: 8.70 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

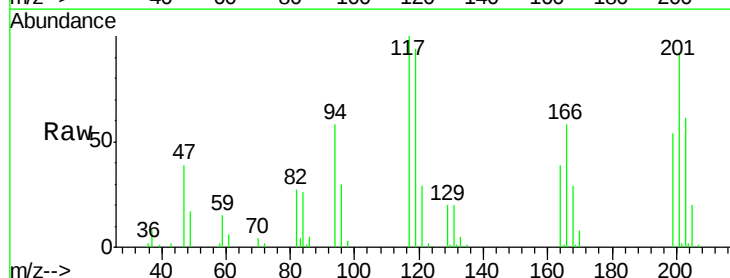
Tgt Ion:117 Resp: 22699

Ion Ratio Lower Upper

117 100

119 94.2 75.0 112.4

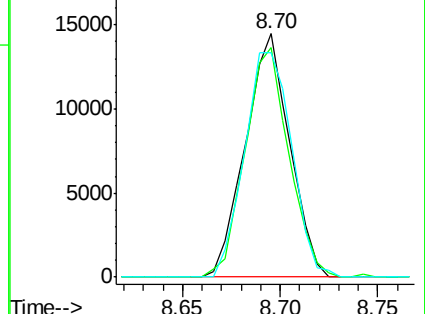
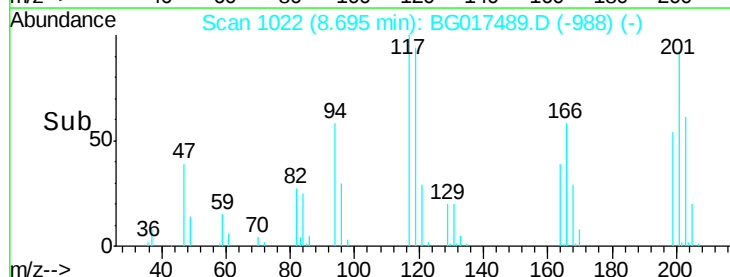
201 92.4 74.2 111.2

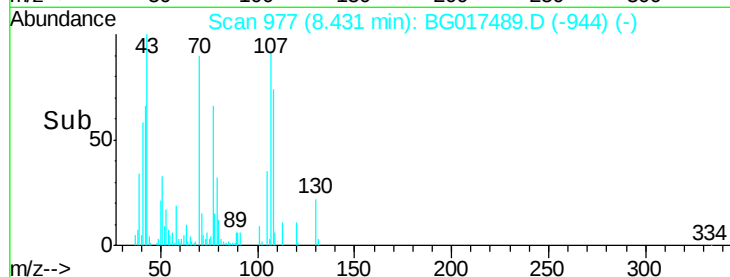
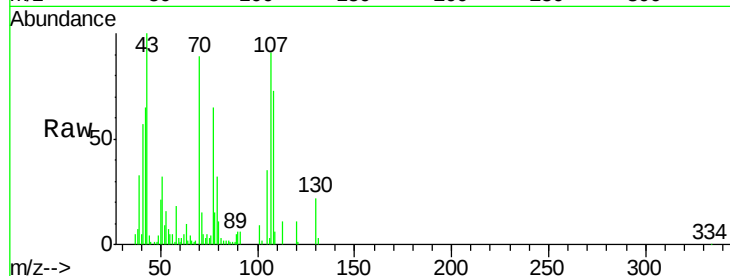
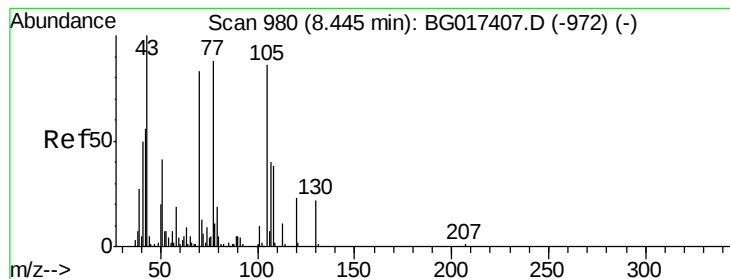


Abundance Ion 117.00 (116.70 to 117.70): E

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: 36.81 ng

RT: 8.43 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

Tgt Ion: 70 Resp: 41777

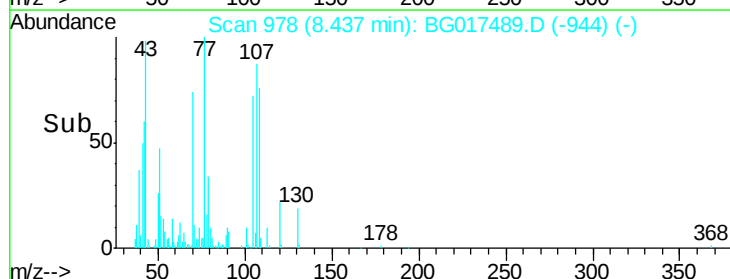
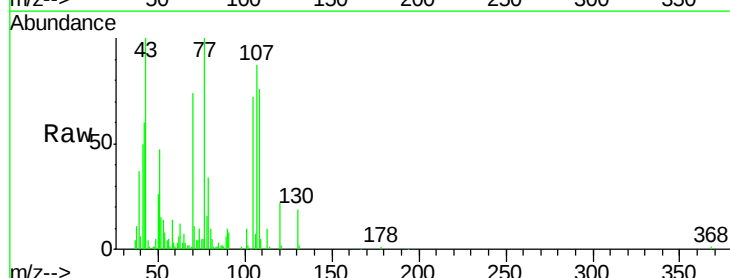
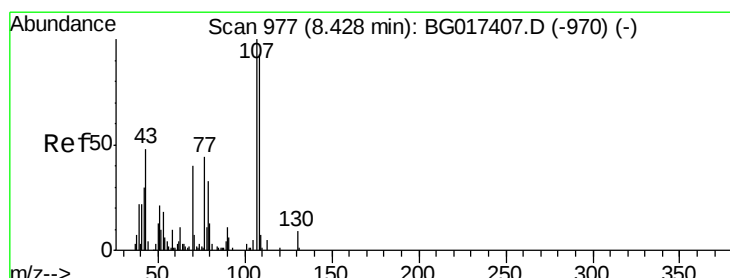
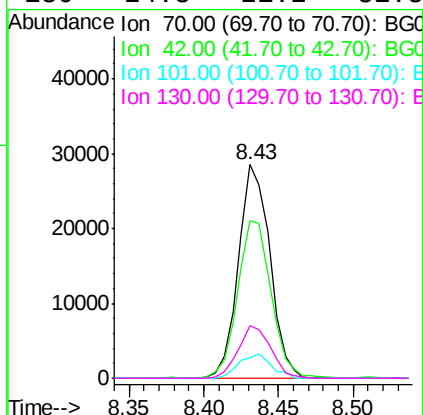
Ion Ratio Lower Upper

70 100

42 73.5 53.8 80.8

101 9.8 9.5 14.3

130 24.3 21.2 31.8



#20

3+4-Methylphenols

Concen: 42.10 ng

RT: 8.44 min Scan# 978

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Tgt Ion: 107 Resp: 60890

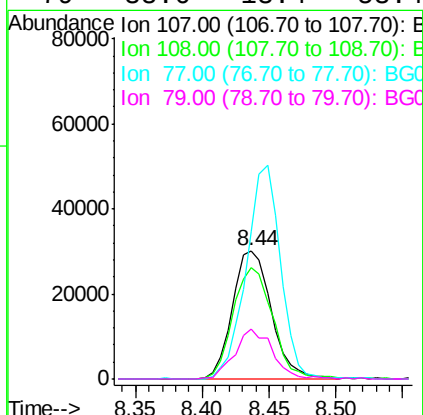
Ion Ratio Lower Upper

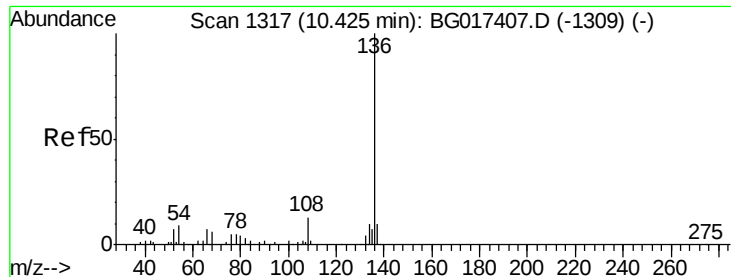
107 100

108 87.2 73.0 113.0

77 115.1 23.9 63.9#

79 38.6 13.4 53.4

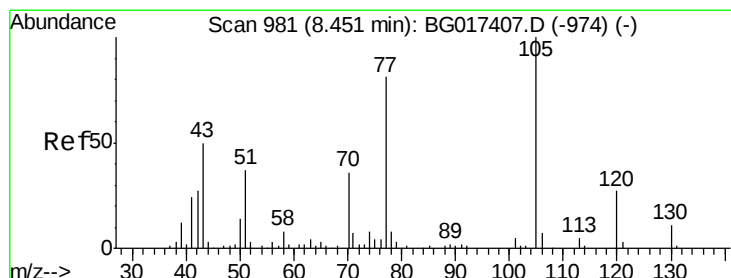
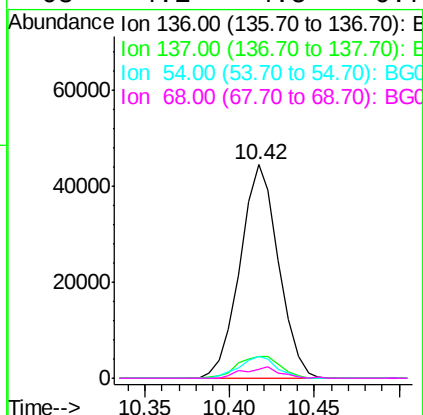
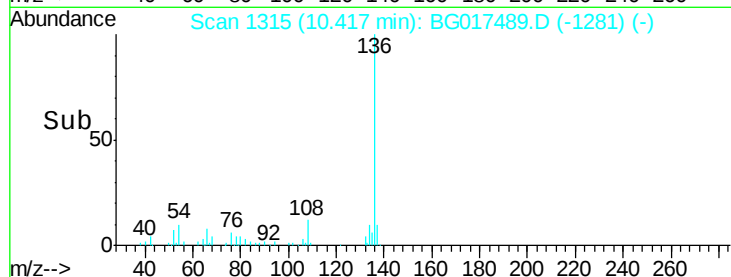
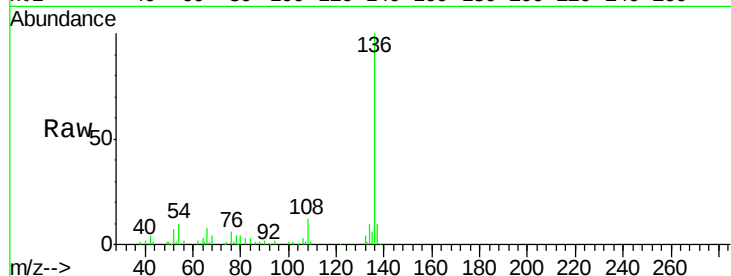




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

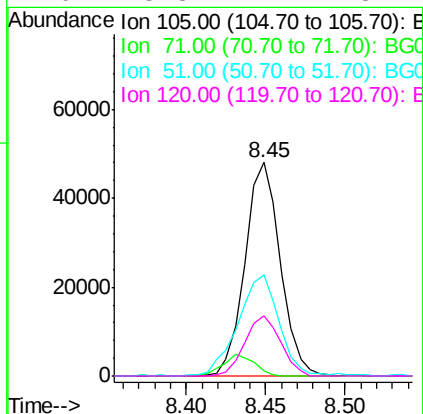
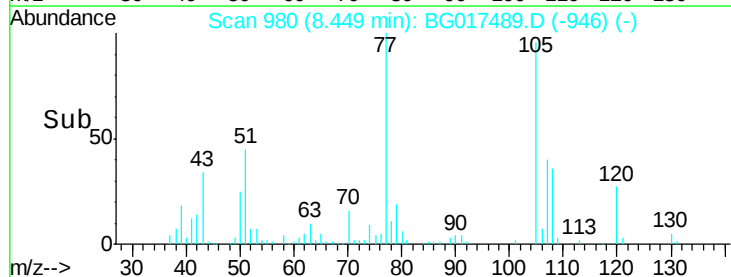
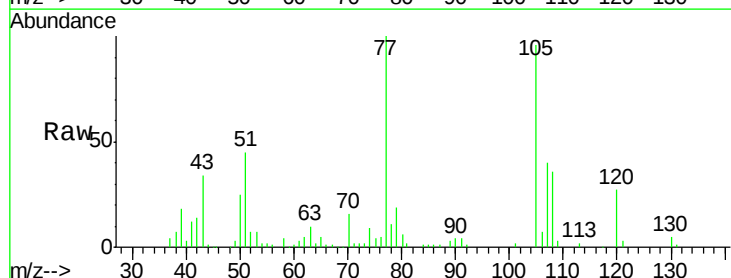
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

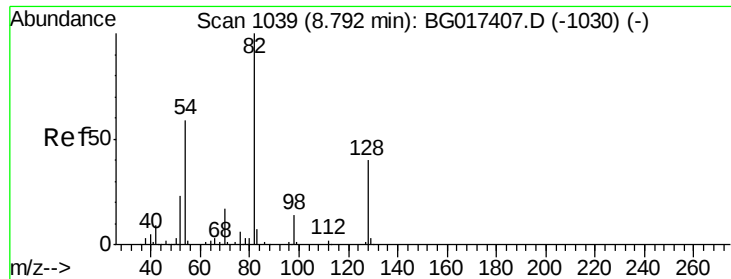
Tgt Ion:	136	Resp:	70270
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.9	11.9
54	10.0	7.2	10.8
68	4.1	4.5	6.7#



#22
Acetophenone
Concen: 43.03 ng
RT: 8.45 min Scan# 980
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:	105	Resp:	74119
Ion	Ratio	Lower	Upper
105	100		
71	2.6	5.3	7.9#
51	47.4	32.4	48.6
120	28.3	21.4	32.2

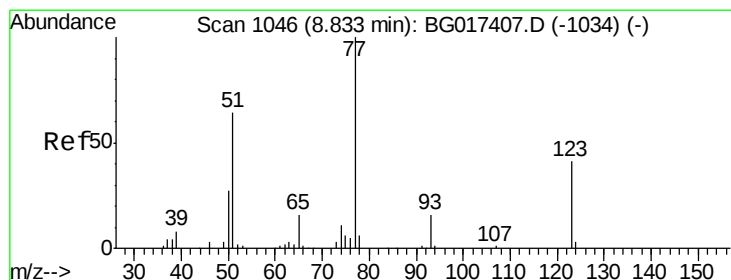
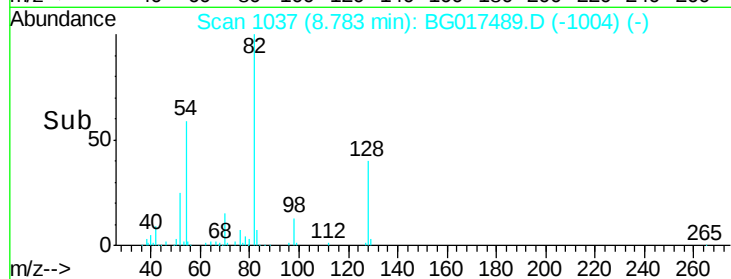
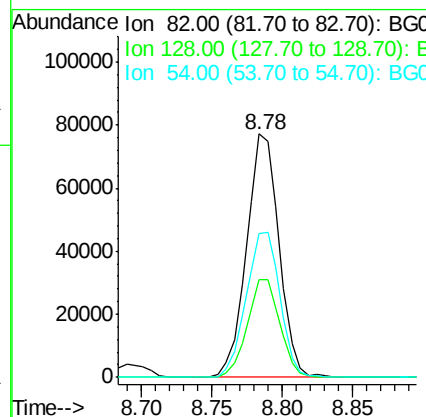
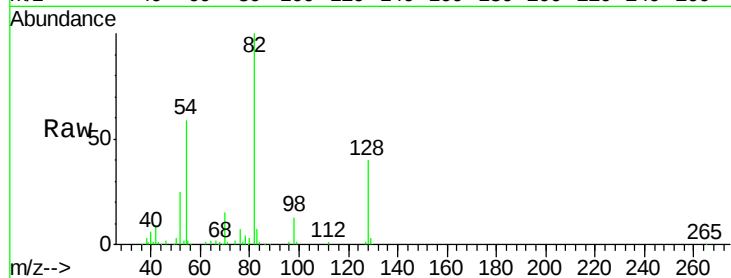




#23
 Nitrobenzene-d5
 Concen: 88.46 ng
 RT: 8.78 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

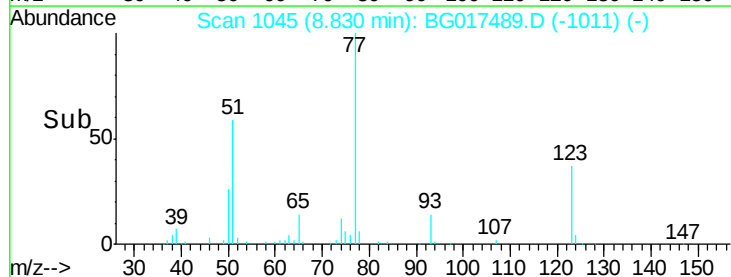
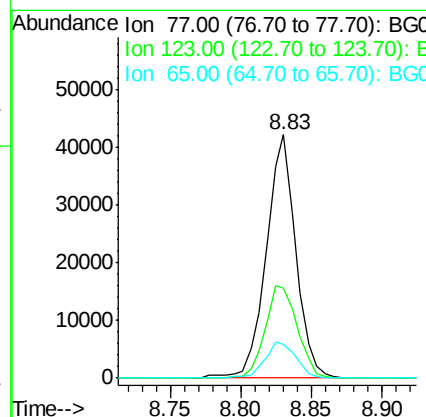
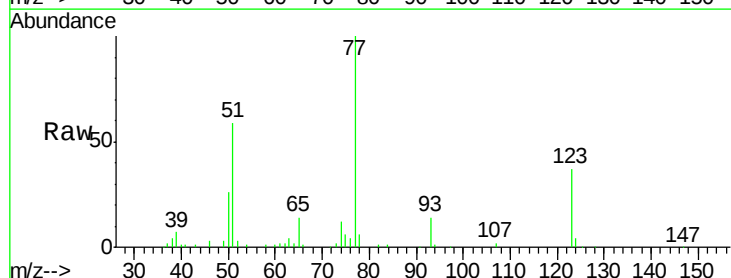
Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

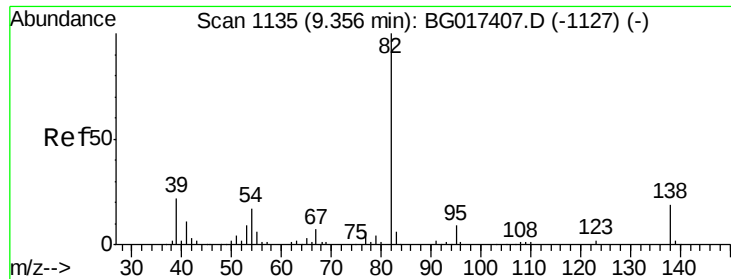
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.9	32.2	48.4
54	58.8	47.4	71.2



#24
 Nitrobenzene
 Concen: 42.49 ng
 RT: 8.83 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.0	32.6	49.0
65	13.9	12.8	19.2





#25

Isophorone

Concen: 37.34 ng

RT: 9.35 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

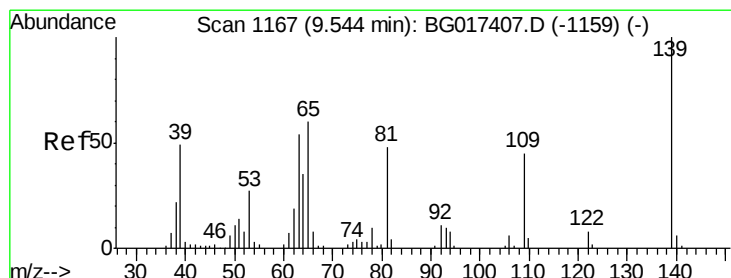
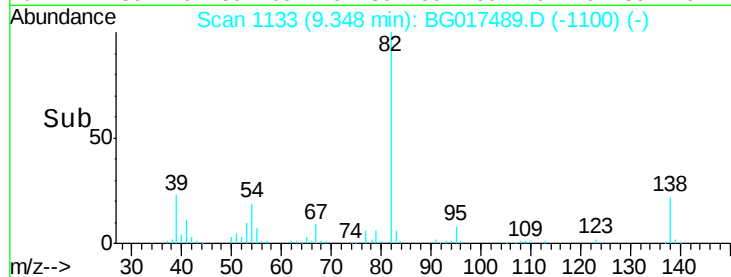
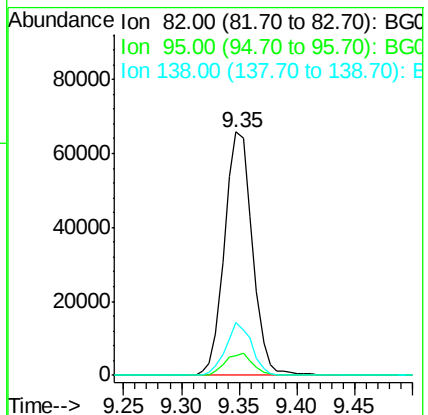
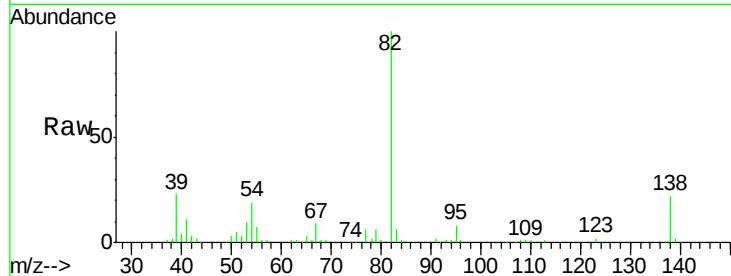
Tgt Ion: 82 Resp: 109945

Ion Ratio Lower Upper

82 100

95 8.1 7.1 10.7

138 22.0 15.5 23.3



#26

2-Nitrophenol

Concen: 43.90 ng

RT: 9.54 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

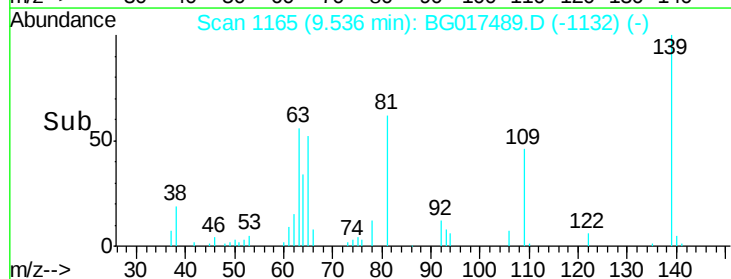
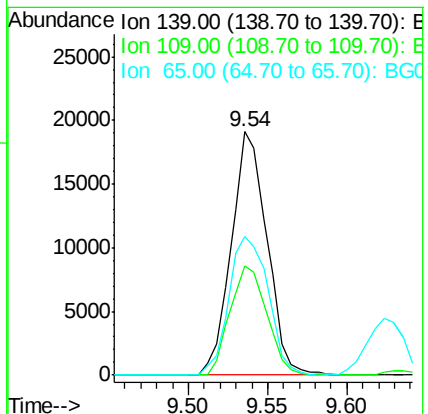
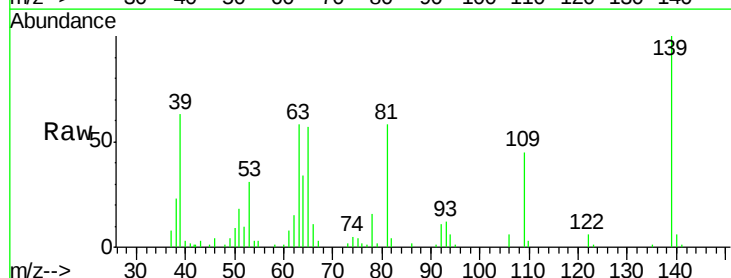
Tgt Ion: 139 Resp: 29754

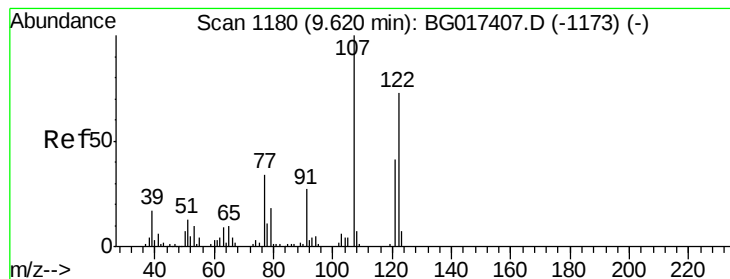
Ion Ratio Lower Upper

139 100

109 45.1 35.7 53.5

65 57.0 48.3 72.5





#27

2,4-Dimethylphenol

Concen: 45.71 ng

RT: 9.62 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

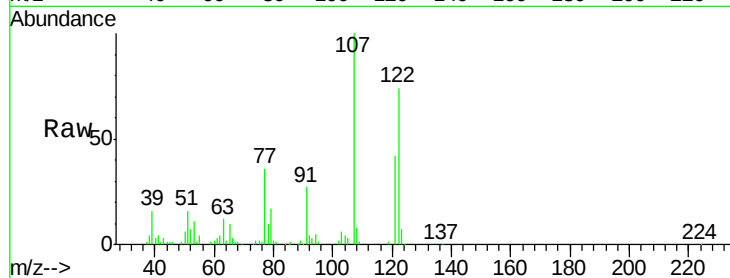
Tgt Ion:122 Resp: 50378

Ion Ratio Lower Upper

122 100

107 134.7 109.2 163.8

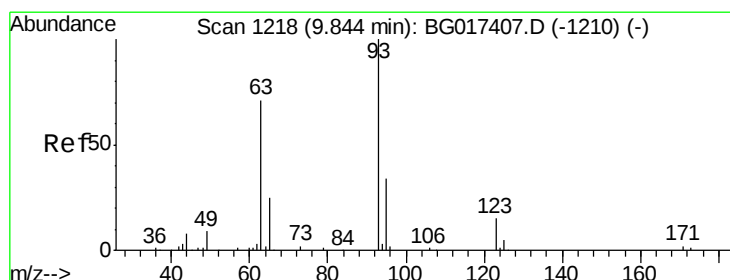
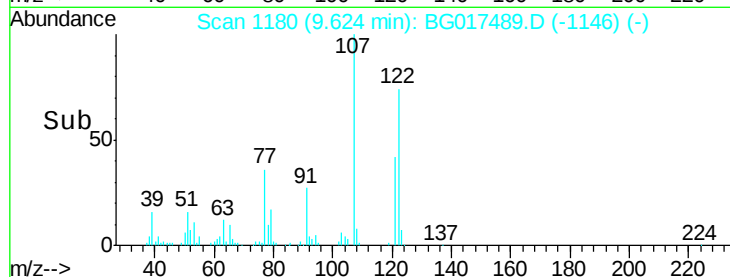
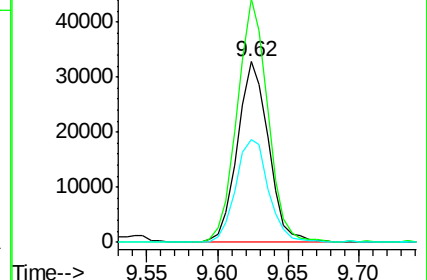
121 56.9 44.3 66.5



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: 42.39 ng

RT: 9.84 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

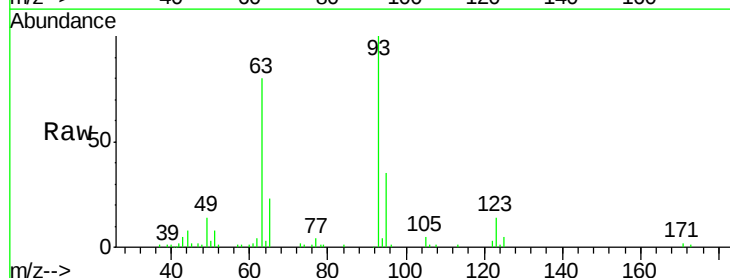
Tgt Ion: 93 Resp: 57013

Ion Ratio Lower Upper

93 100

95 35.0 27.0 40.6

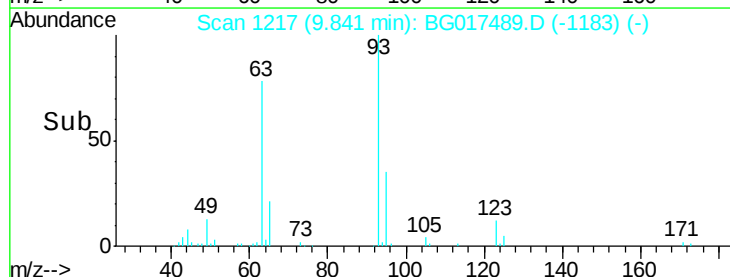
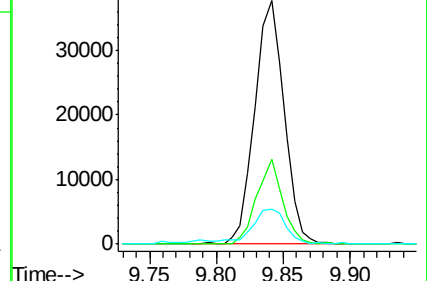
123 14.2 12.5 18.7

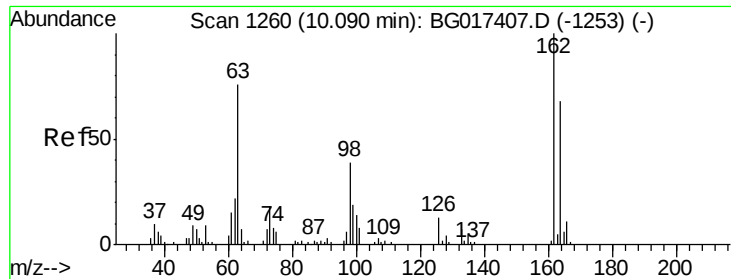


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

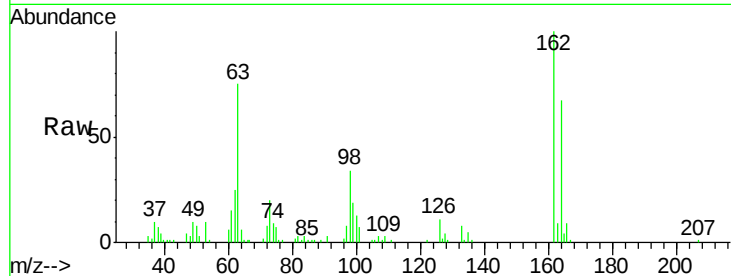




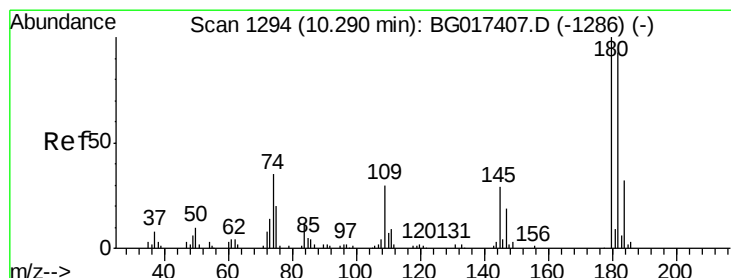
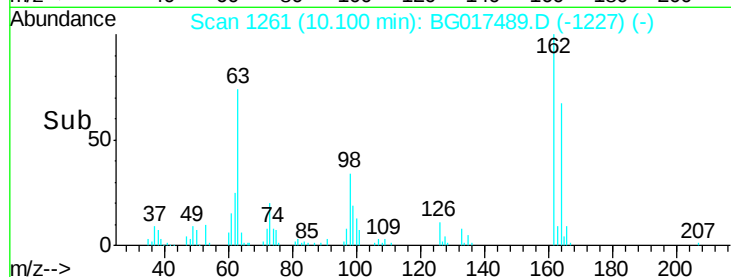
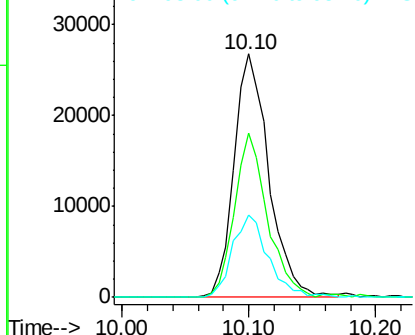
#29
2,4-Dichlorophenol
Concen: 47.44 ng
RT: 10.10 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Instrument :
BNA_G
ClientSampleId :
PB83803BSD

Tgt Ion:162 Resp: 50949
Ion Ratio Lower Upper
162 100
164 67.4 48.0 88.0
98 34.0 18.9 58.9

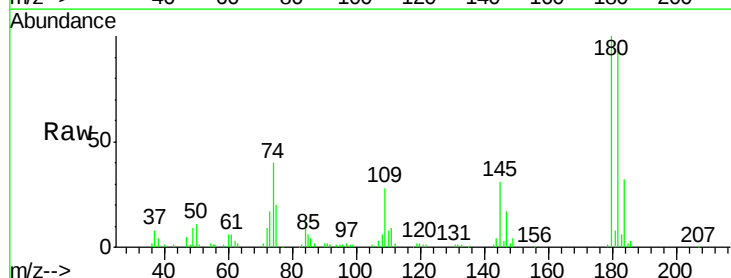


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

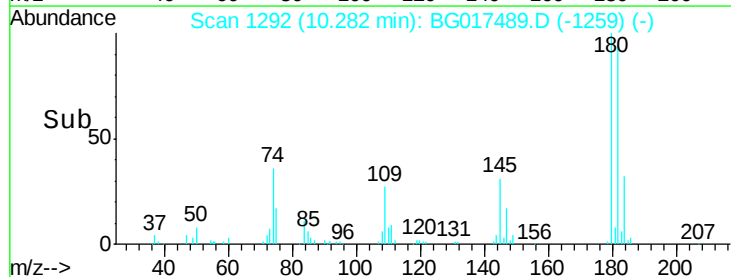
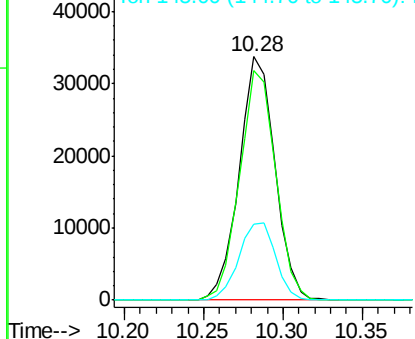


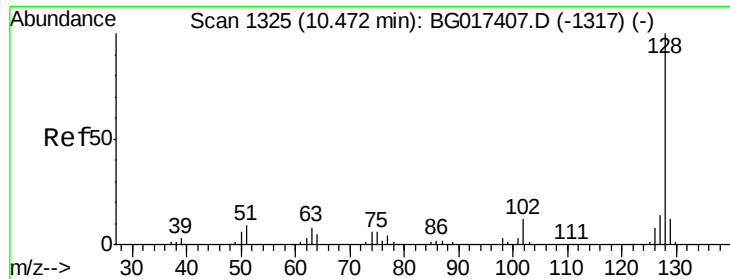
#30
1,2,4-Trichlorobenzene
Concen: 41.74 ng
RT: 10.28 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:180 Resp: 52707
Ion Ratio Lower Upper
180 100
182 94.0 74.5 111.7
145 31.0 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

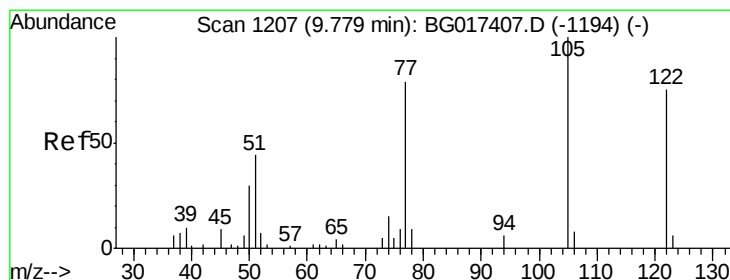
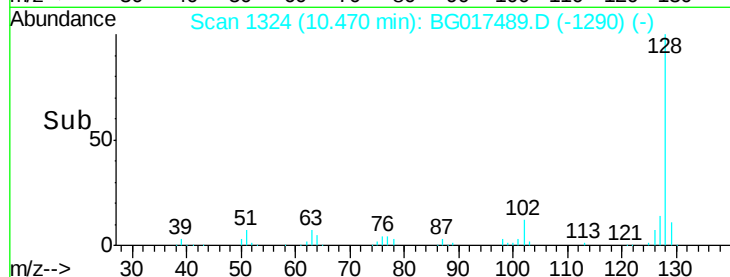
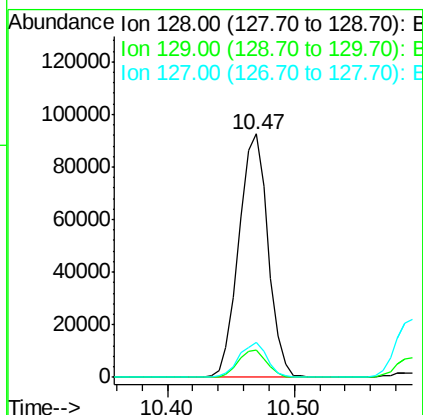
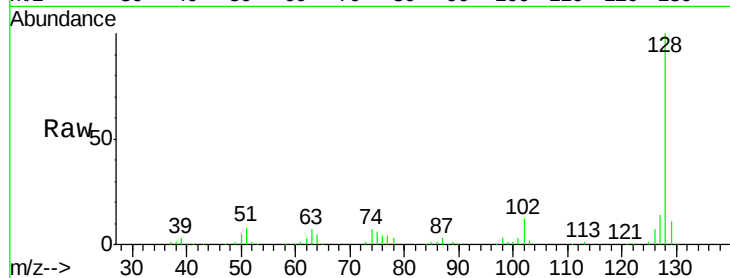




#31
Naphthalene
Concen: 40.13 ng
RT: 10.47 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

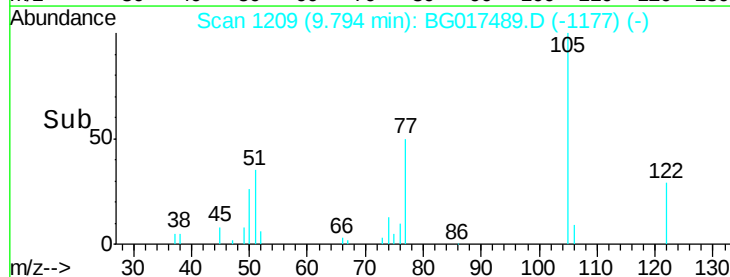
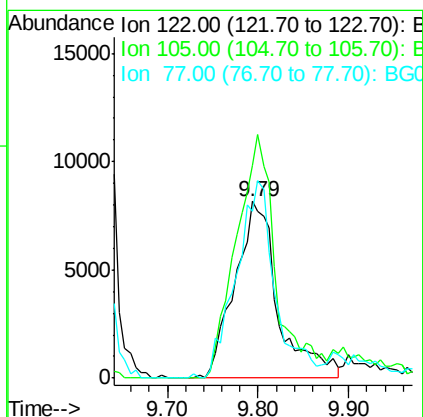
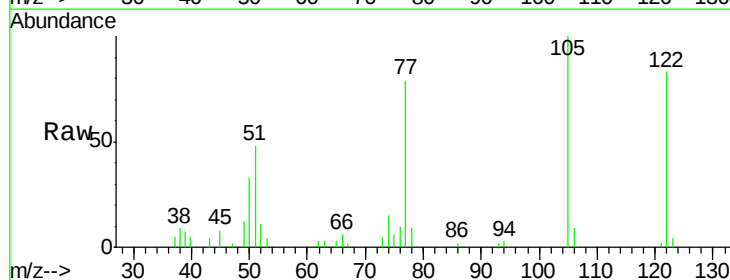
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

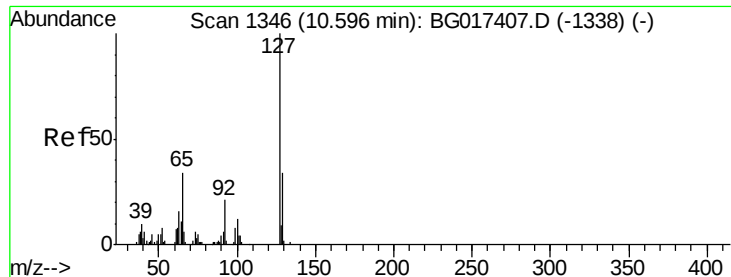
Tgt Ion:128 Resp: 147312
Ion Ratio Lower Upper
128 100
129 11.2 9.2 13.8
127 14.4 10.9 16.3



#32
Benzoic acid
Concen: 38.79 ng
RT: 9.79 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:122 Resp: 27026
Ion Ratio Lower Upper
122 100
105 120.3 113.5 153.5
77 94.6 85.2 125.2

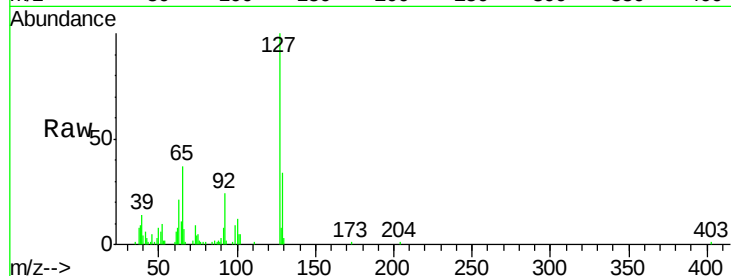




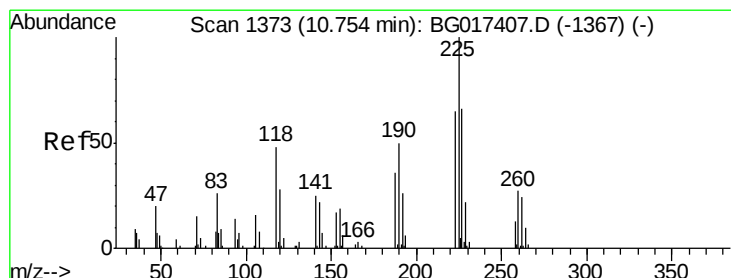
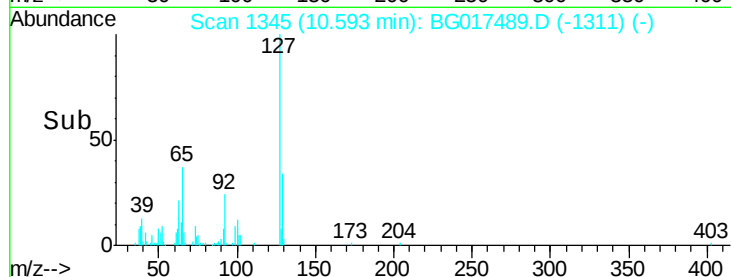
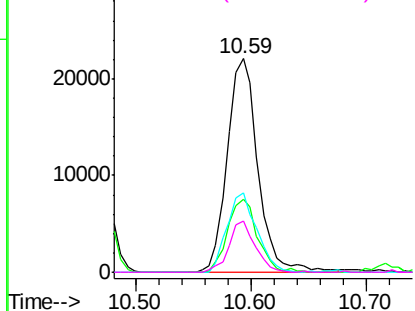
#33
4-Chloroaniline
Concen: 24.99 ng
RT: 10.59 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Instrument :
BNA_G
ClientSampleId :
PB83803BSD

Tgt Ion:	127	Resp:	40710
Ion	Ratio	Lower	Upper
127	100		
129	34.3	27.1	40.7
65	37.3	27.6	41.4
92	23.8	16.7	25.1

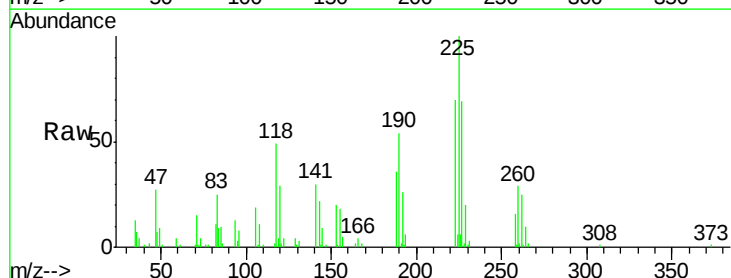


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

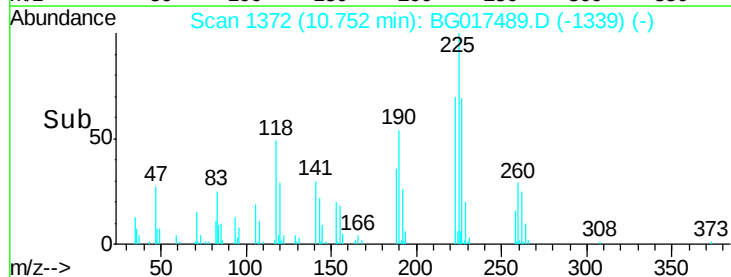
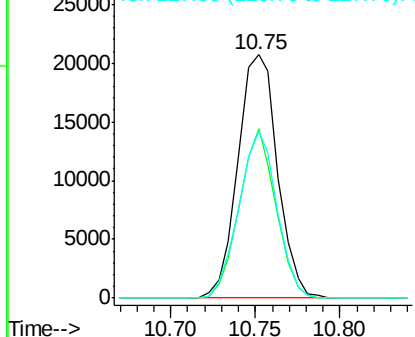


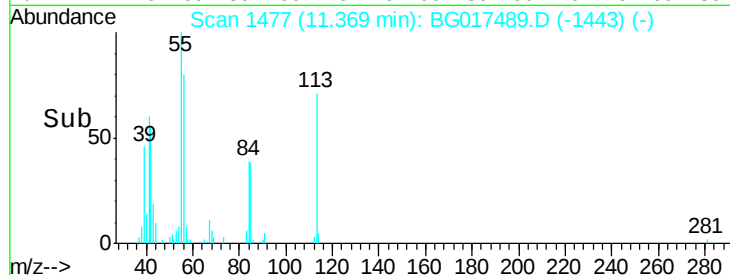
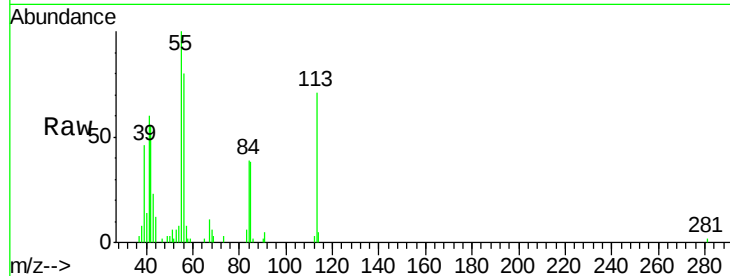
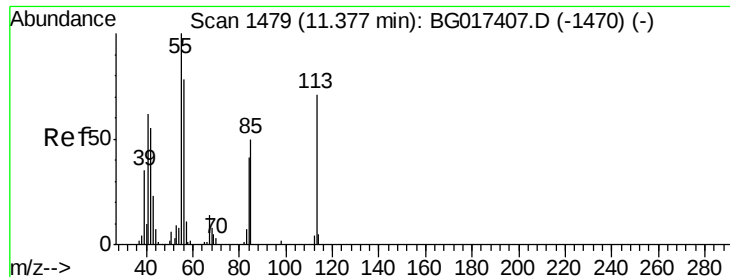
#34
Hexachlorobutadiene
Concen: 41.08 ng
RT: 10.75 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:	225	Resp:	33766
Ion	Ratio	Lower	Upper
225	100		
223	69.7	52.2	78.2
227	68.5	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: 24.09 ng

RT: 11.37 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

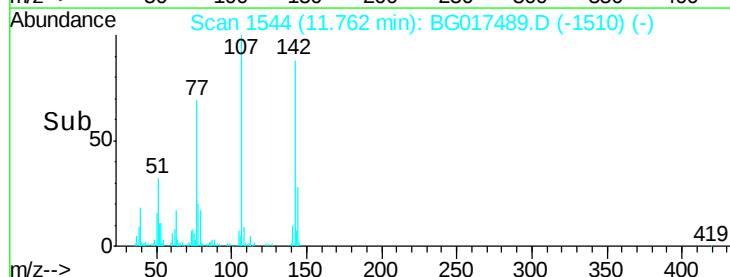
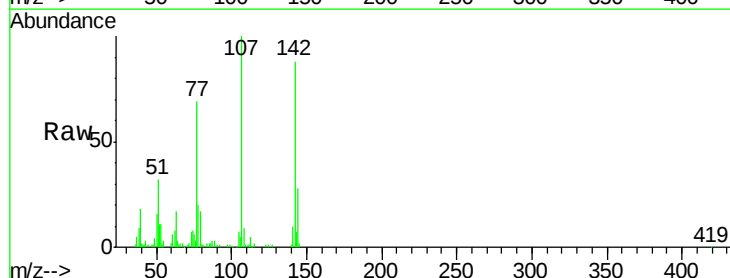
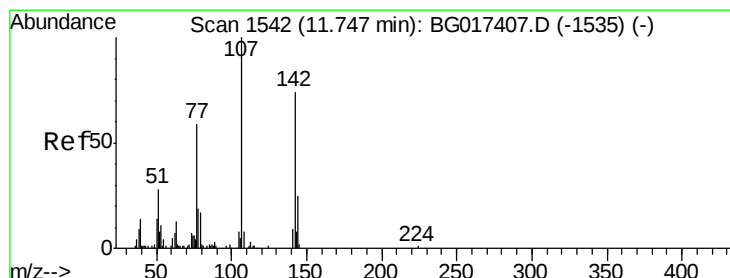
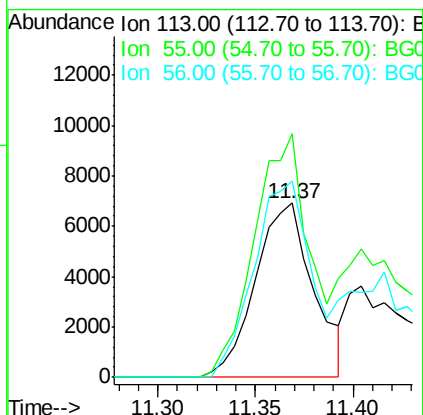
Tgt Ion:113 Resp: 14237

Ion Ratio Lower Upper

113 100

55 139.9 121.6 161.6

56 112.5 89.8 129.8



#36

4-Chloro-3-methylphenol

Concen: 44.30 ng

RT: 11.76 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

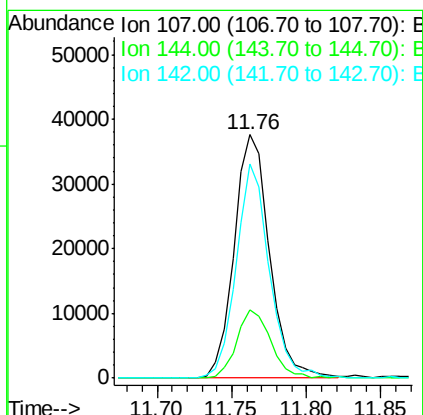
Tgt Ion:107 Resp: 61898

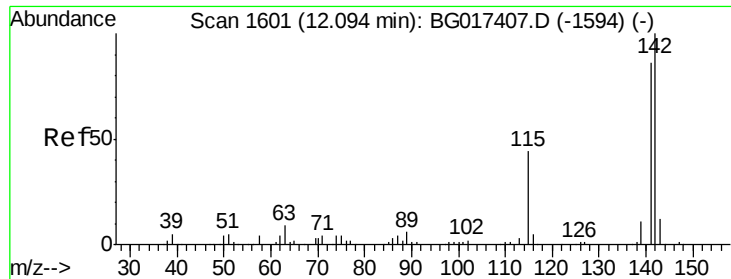
Ion Ratio Lower Upper

107 100

144 27.9 19.8 29.8

142 88.2 59.0 88.4

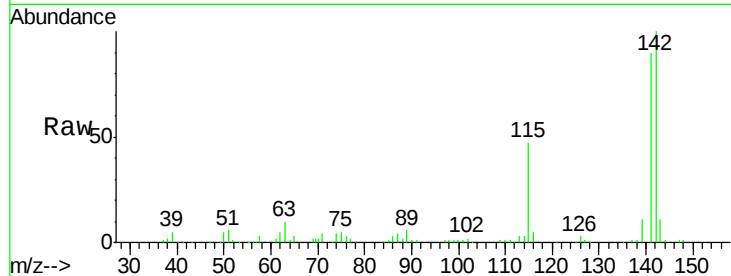




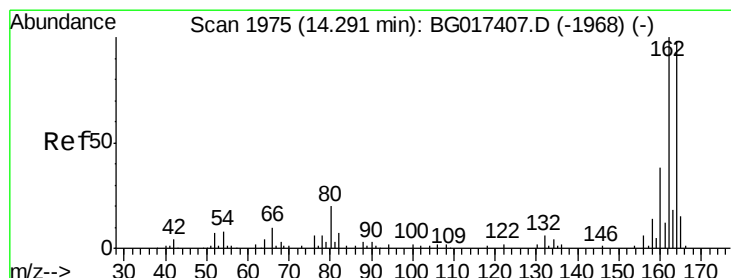
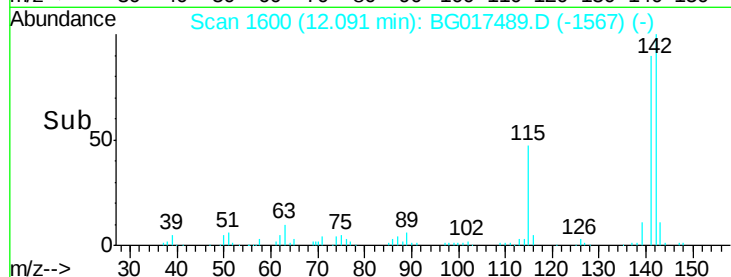
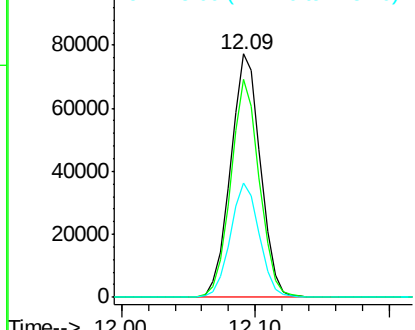
#37
 2-Methylnaphthalene
 Concen: 42.58 ng
 RT: 12.09 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:142 Resp: 120165
 Ion Ratio Lower Upper
 142 100
 141 89.6 68.6 102.8
 115 46.9 35.3 52.9

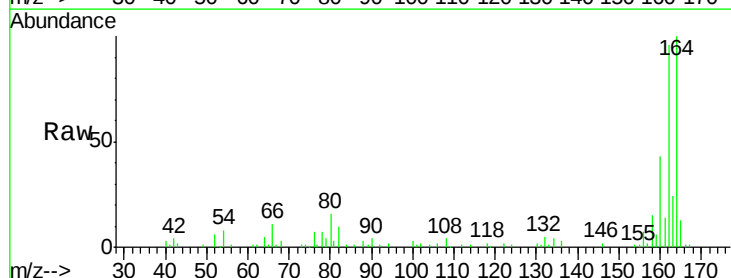


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

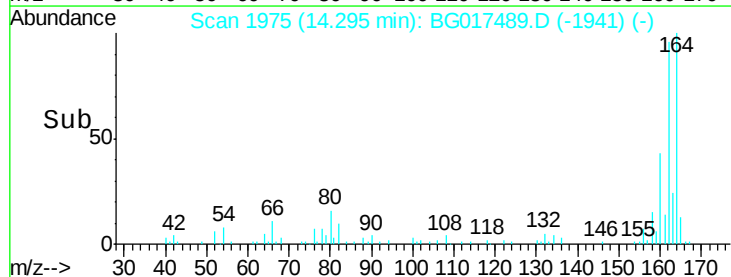
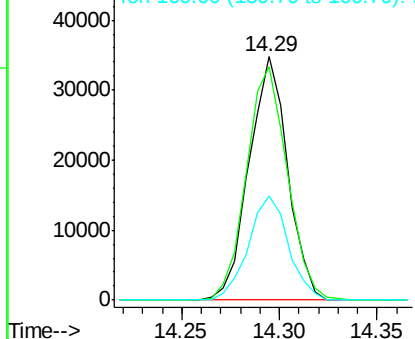


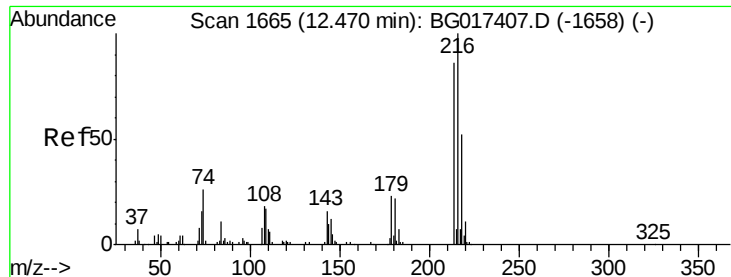
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:164 Resp: 47589
 Ion Ratio Lower Upper
 164 100
 162 95.8 81.8 122.6
 160 43.0 31.0 46.4



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.09 ng

RT: 12.47 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

Tgt Ion:216 Resp: 62403

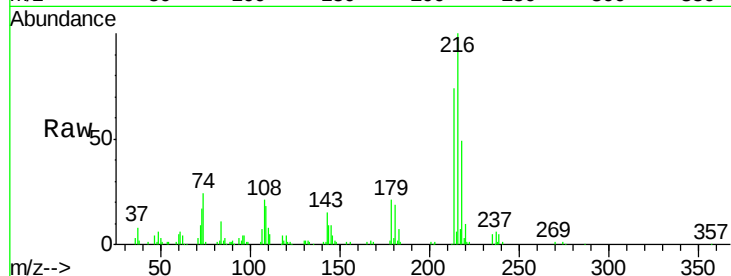
Ion Ratio Lower Upper

216 100

214 77.4 66.5 99.7

179 21.8 17.3 25.9

108 25.7 18.5 27.7

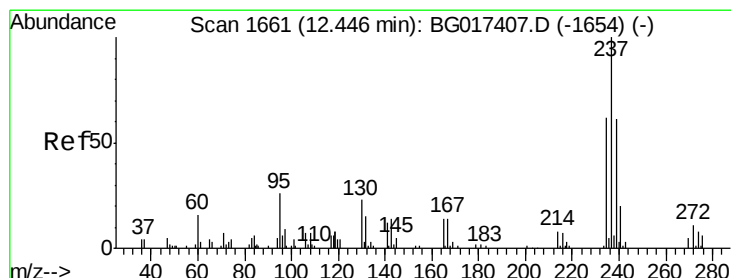
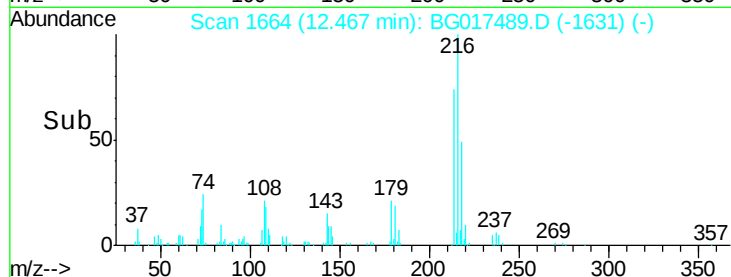
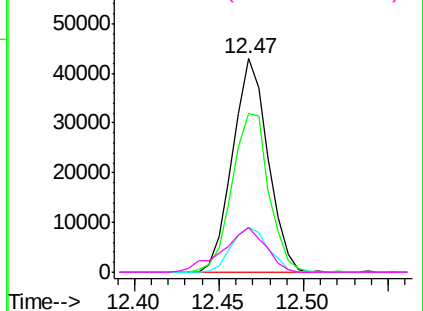


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.36 ng

RT: 12.44 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

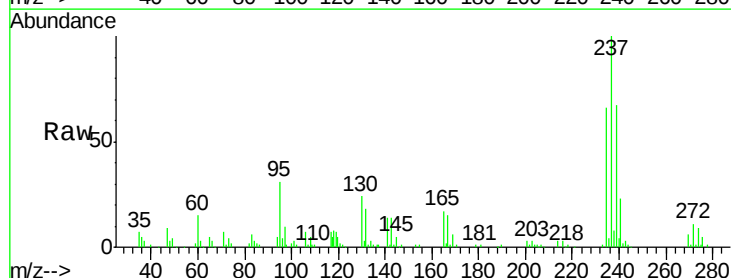
Tgt Ion:237 Resp: 64966

Ion Ratio Lower Upper

237 100

235 65.7 42.3 82.3

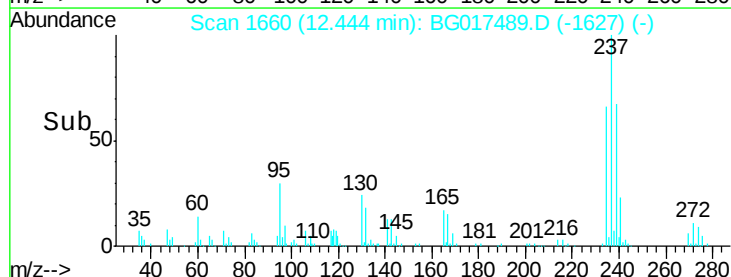
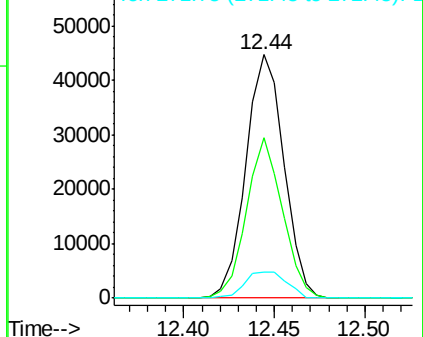
272 10.8 0.0 31.2

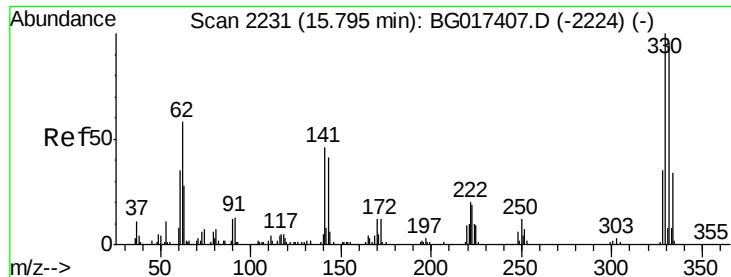


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

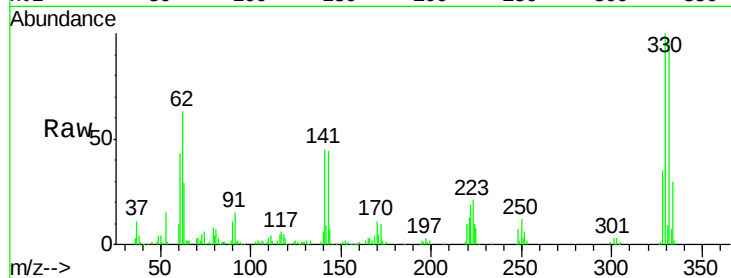




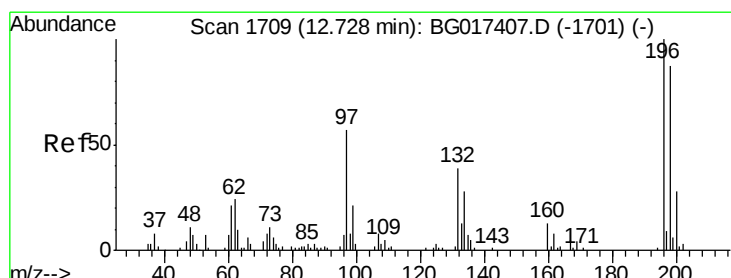
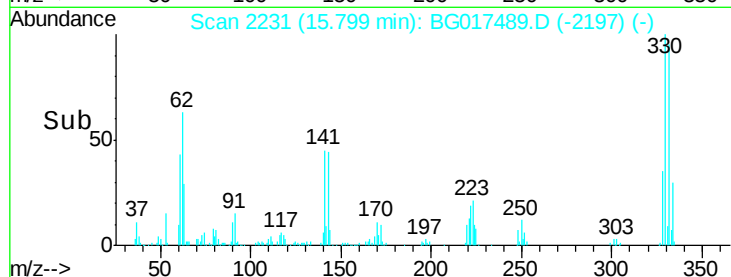
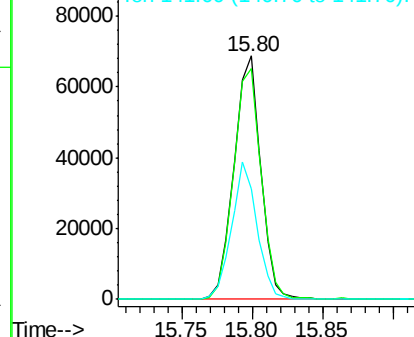
#41
 2,4,6-Tribromophenol
 Concen: 137.44 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:330 Resp: 90848
 Ion Ratio Lower Upper
 330 100
 332 98.3 75.9 113.9
 141 53.1 40.2 60.4

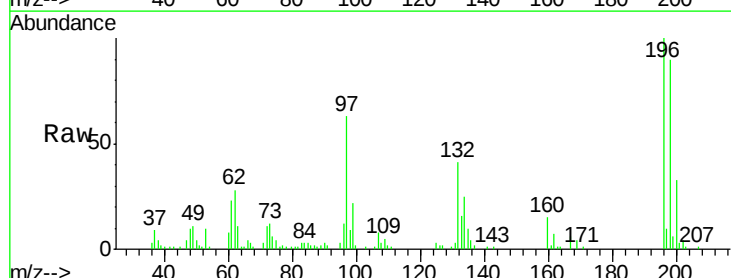


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

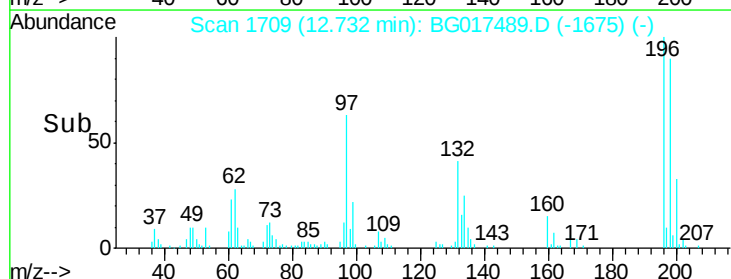
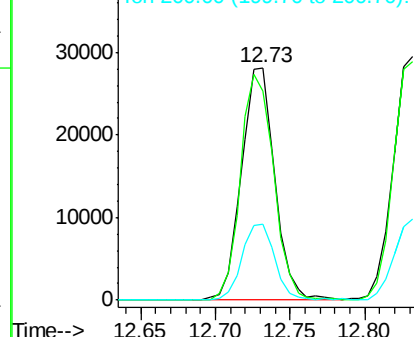


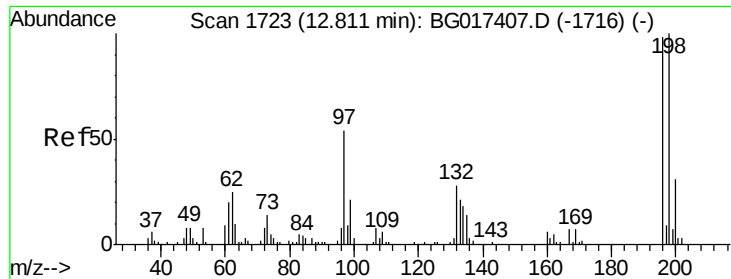
#42
 2,4,6-Trichlorophenol
 Concen: 42.02 ng
 RT: 12.73 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:196 Resp: 43568
 Ion Ratio Lower Upper
 196 100
 198 89.8 69.9 104.9
 200 32.9 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

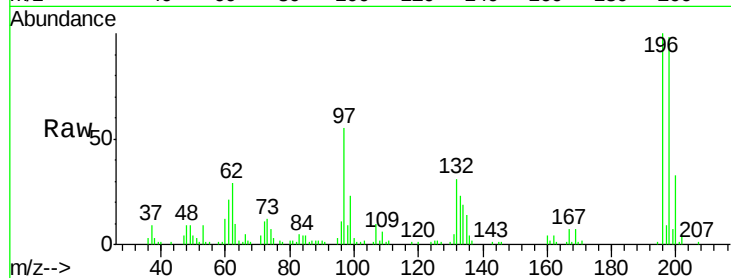




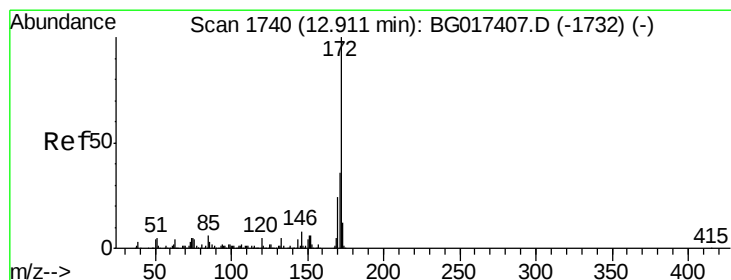
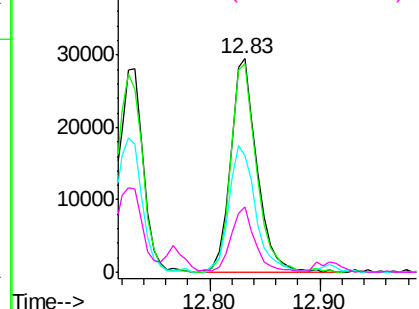
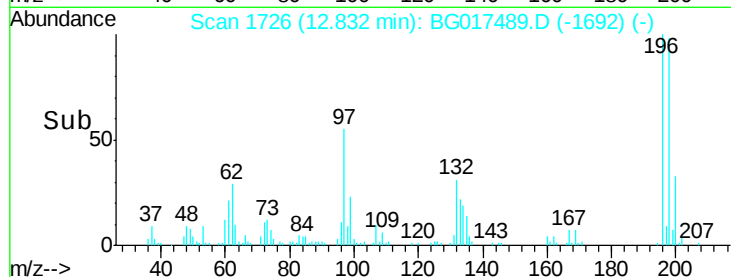
#43
 2,4,5-Trichlorophenol
 Concen: 43.33 ng
 RT: 12.83 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:196 Resp: 49214
 Ion Ratio Lower Upper
 196 100
 198 97.9 80.6 121.0
 97 54.5 43.2 64.8
 132 30.6 22.3 33.5

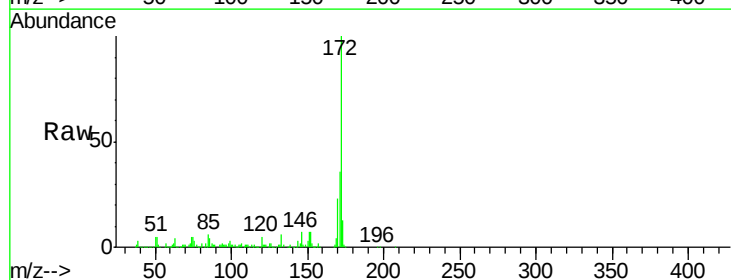


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

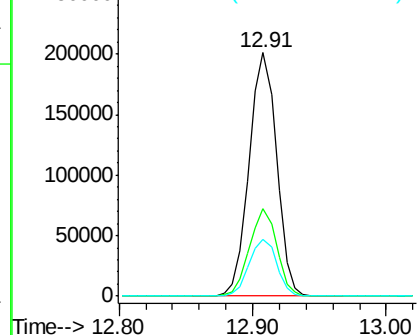
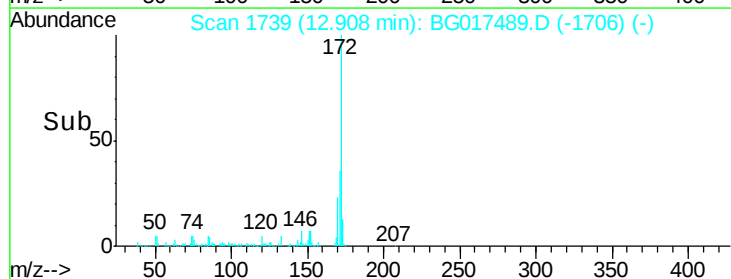


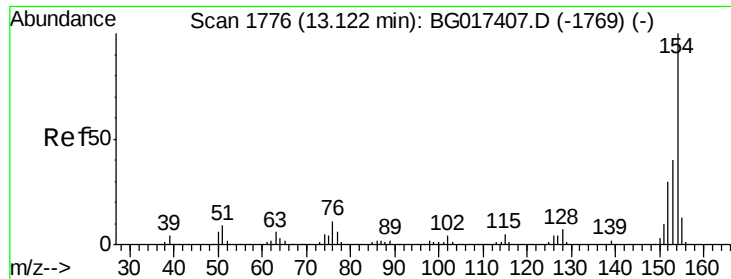
#44
 2-Fluorobiphenyl
 Concen: 89.79 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:172 Resp: 283281
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 23.5 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

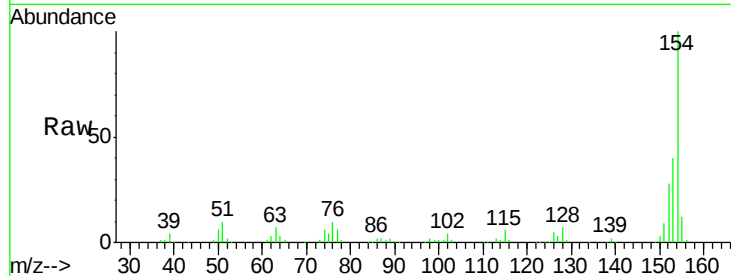




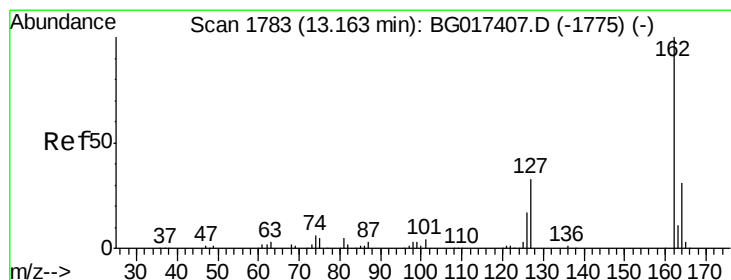
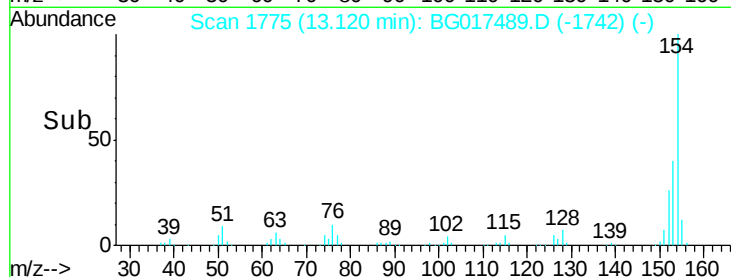
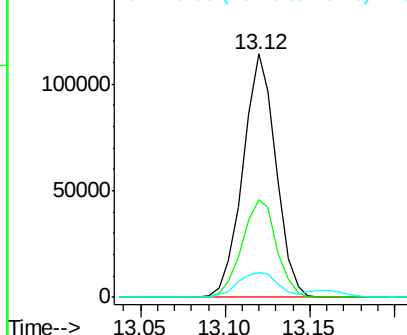
#45
 1,1'-Biphenyl
 Concen: 44.53 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.9	20.1	60.1
76	10.4	0.0	31.5

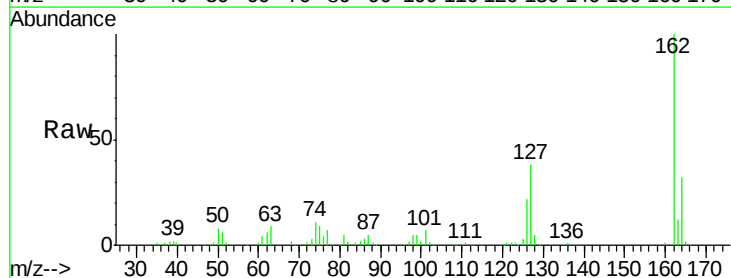


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

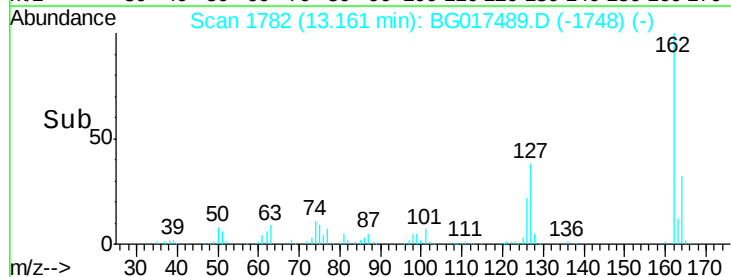
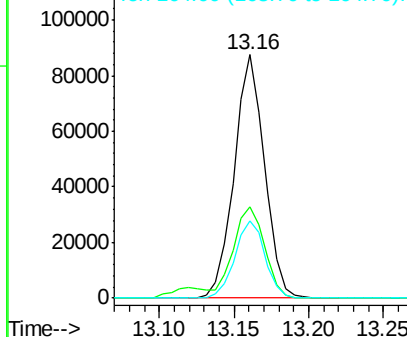


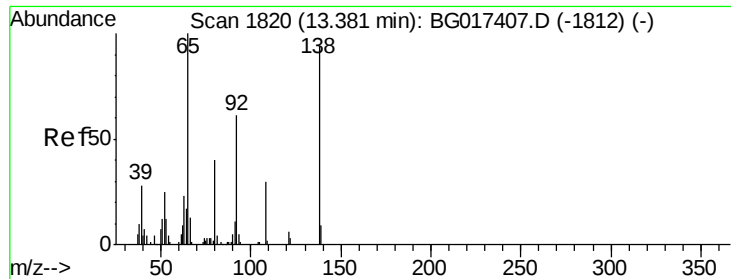
#46
 2-Chloronaphthalene
 Concen: 42.34 ng
 RT: 13.16 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	29.4	44.2
164	31.6	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

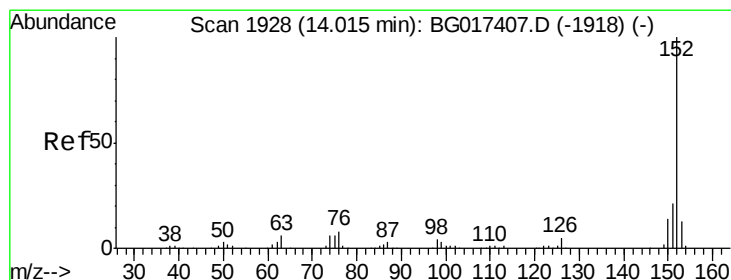
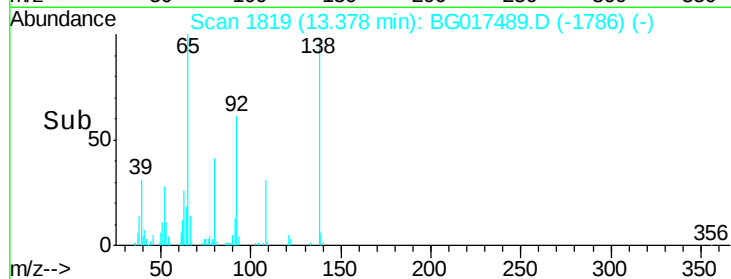
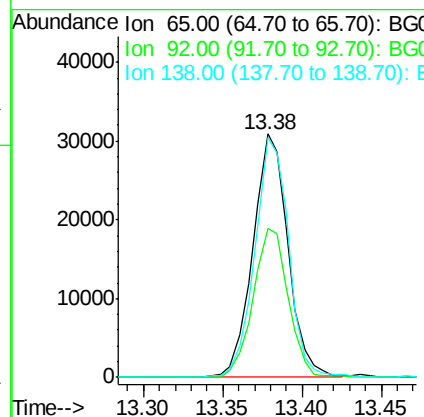
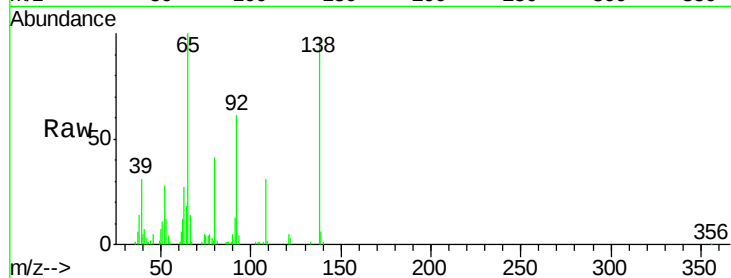




#47
2-Nitroaniline
Concen: 44.30 ng
RT: 13.38 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

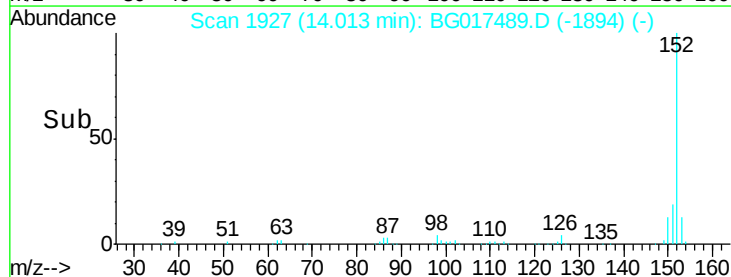
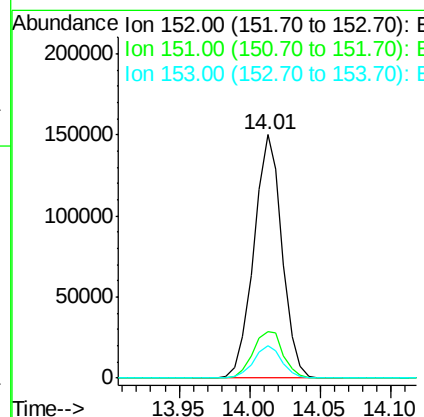
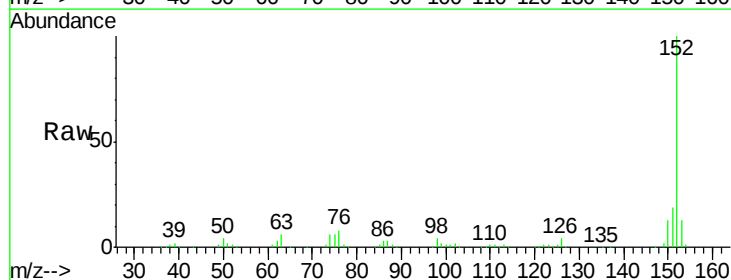
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

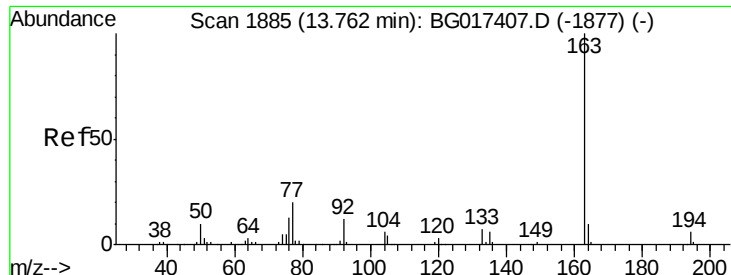
Tgt Ion: 65 Resp: 47583
Ion Ratio Lower Upper
65 100
92 61.1 49.1 73.7
138 98.4 75.4 113.0



#48
Acenaphthylene
Concen: 41.06 ng
RT: 14.01 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion: 152 Resp: 210345
Ion Ratio Lower Upper
152 100
151 19.3 16.5 24.7
153 13.4 10.7 16.1





#49

Dimethylphthalate

Concen: 41.75 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

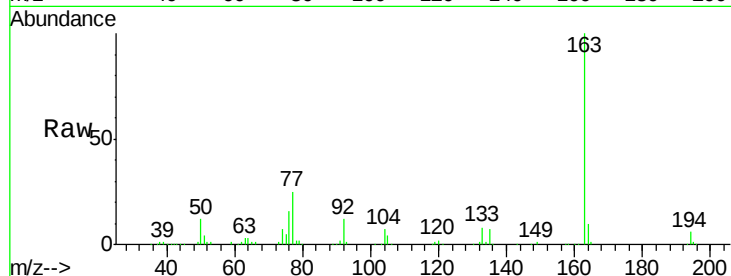
Tgt Ion:163 Resp: 172960

Ion Ratio Lower Upper

163 100

194 6.0 4.9 7.3

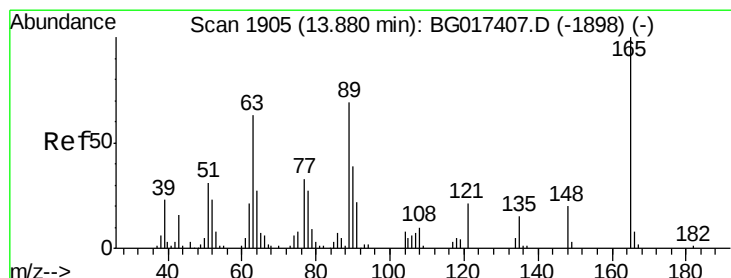
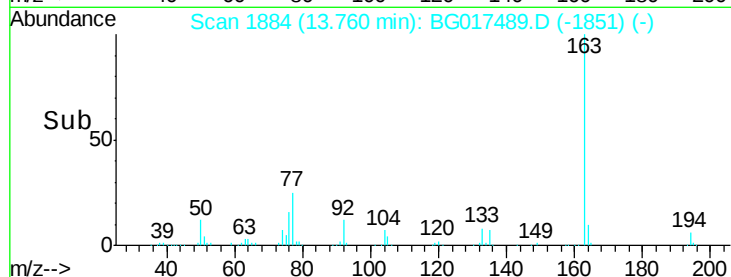
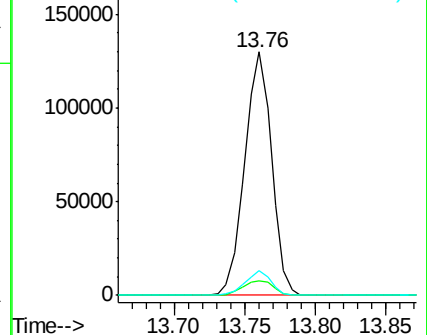
164 10.1 8.2 12.2



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: 43.14 ng

RT: 13.88 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

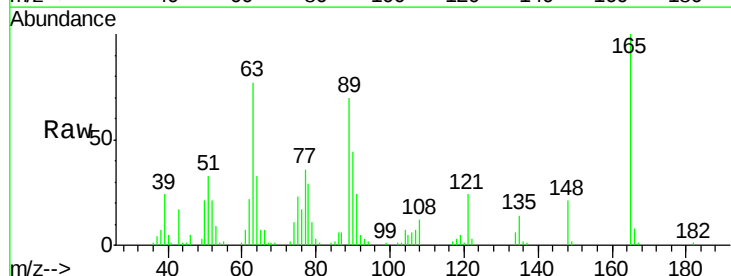
Tgt Ion:165 Resp: 40147

Ion Ratio Lower Upper

165 100

63 76.6 53.7 80.5

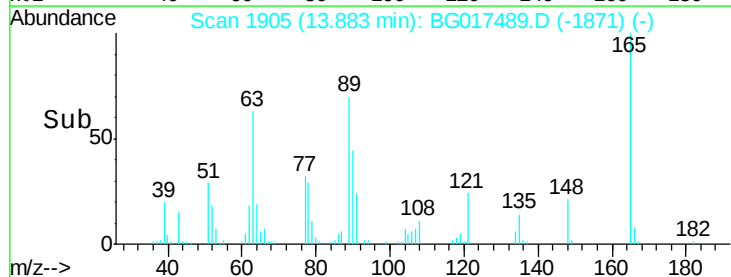
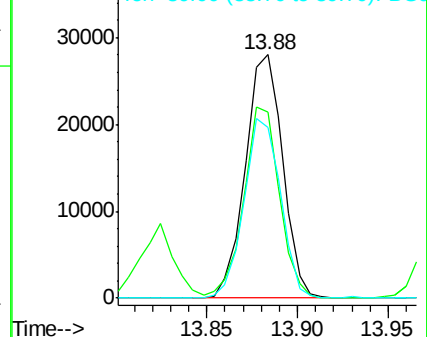
89 70.1 55.4 83.2

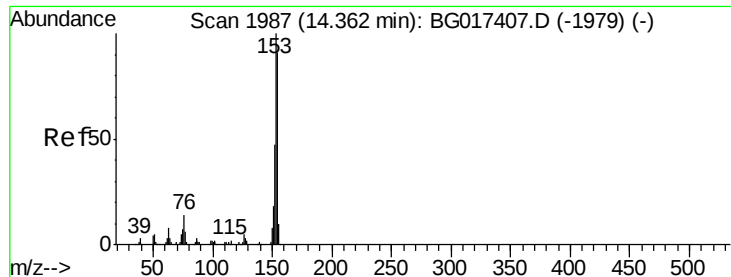


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.31 ng

RT: 14.36 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

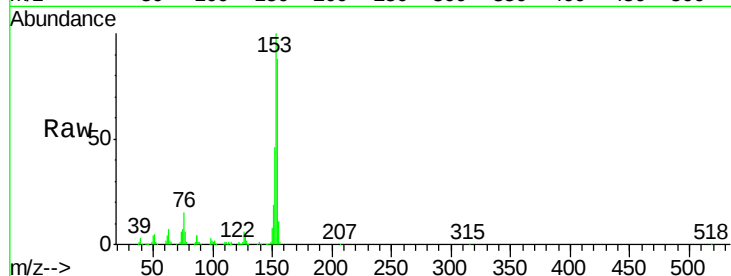
Tgt Ion:154 Resp: 124757

Ion Ratio Lower Upper

154 100

153 113.1 87.7 131.5

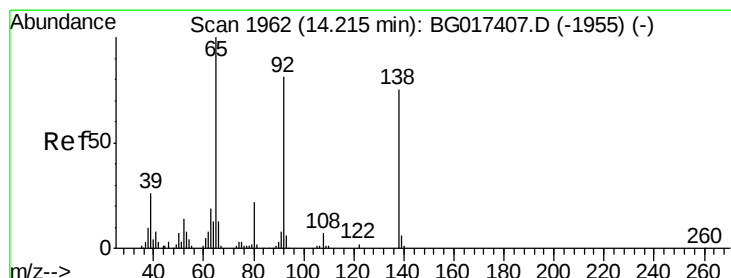
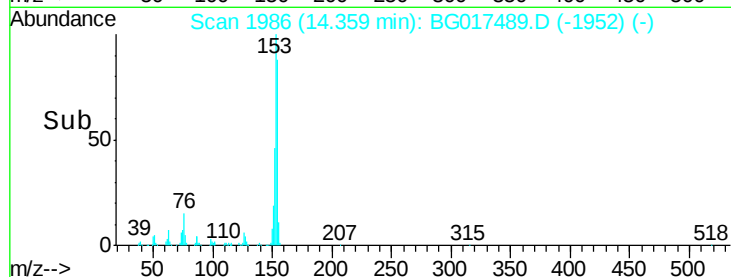
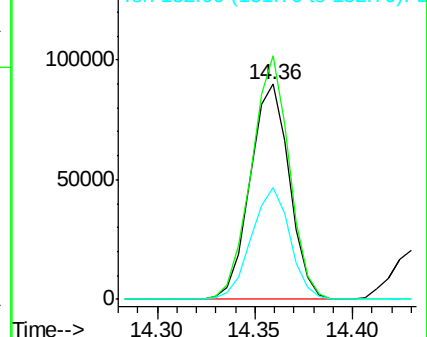
152 51.7 40.8 61.2



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: 29.78 ng

RT: 14.21 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

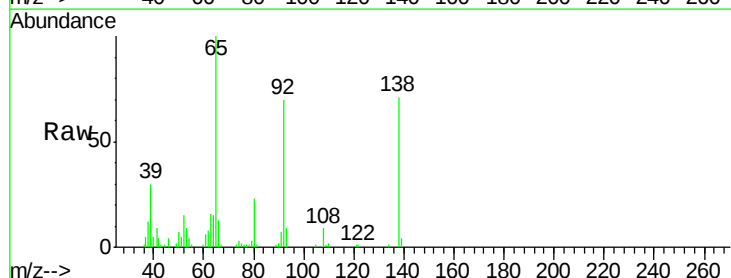
Tgt Ion:138 Resp: 30018

Ion Ratio Lower Upper

138 100

108 12.9 7.5 11.3#

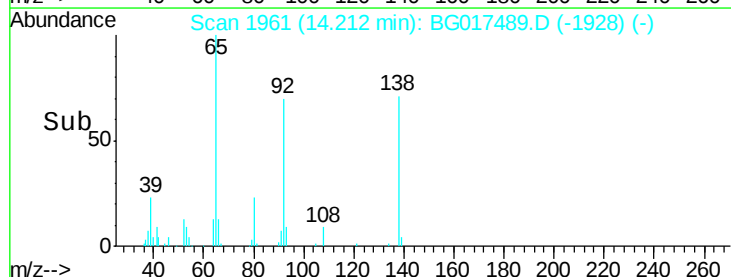
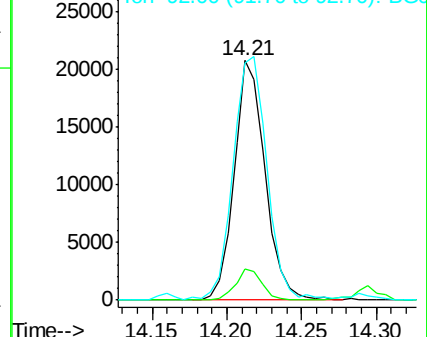
92 98.9 87.0 130.4

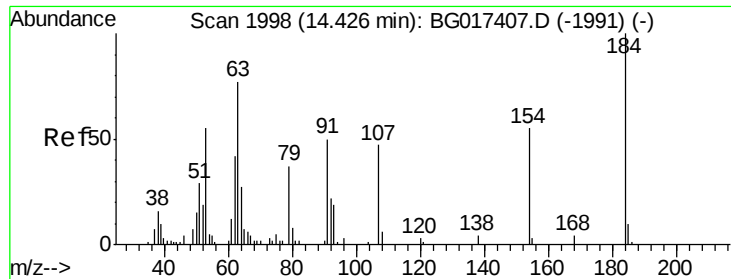


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

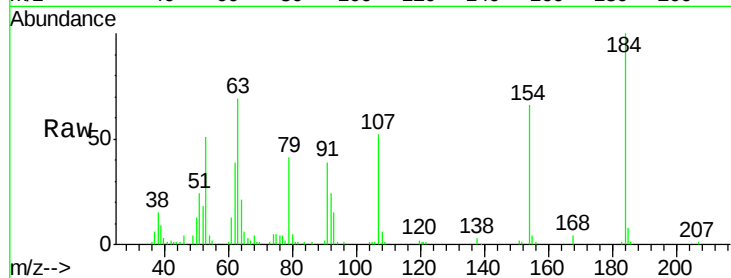




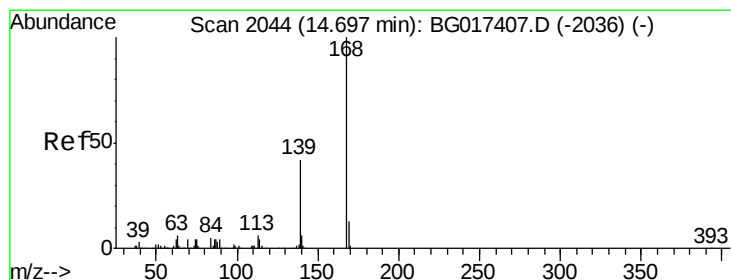
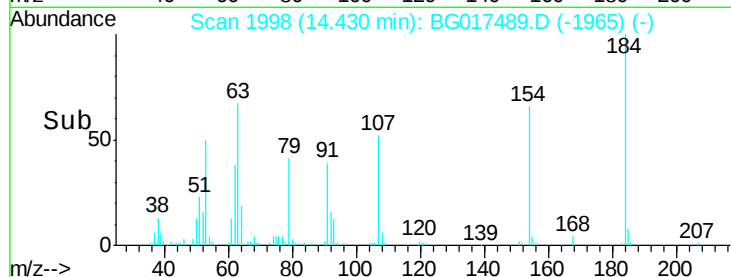
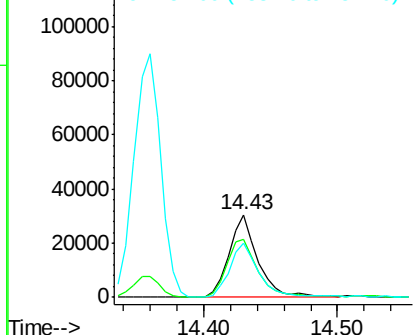
#53
2,4-Dinitrophenol
Concen: 78.45 ng
RT: 14.43 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Instrument :
BNA_G
ClientSampleId :
PB83803BSD

Tgt Ion:184 Resp: 45733
Ion Ratio Lower Upper
184 100
63 69.5 61.5 92.3
154 66.1 53.8 80.8

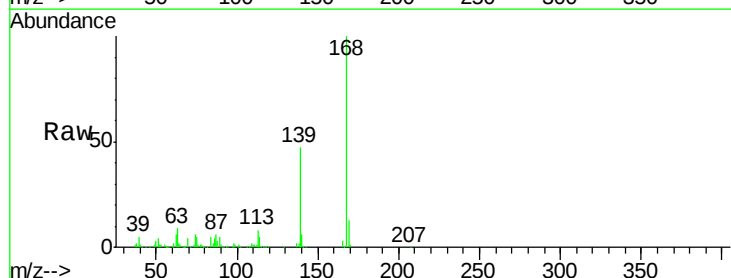


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

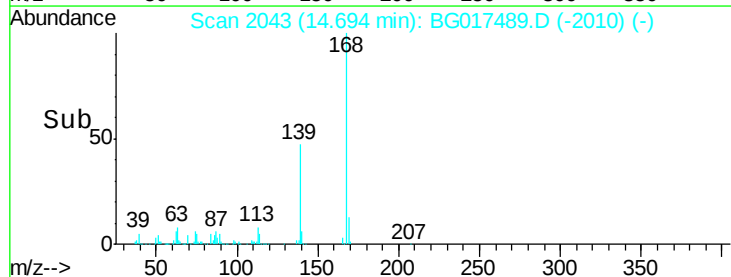
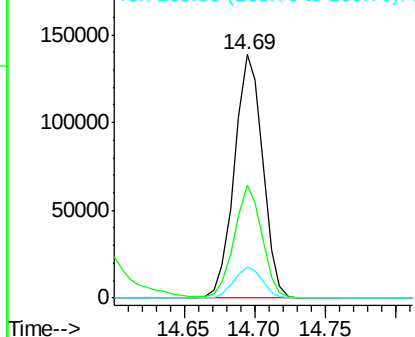


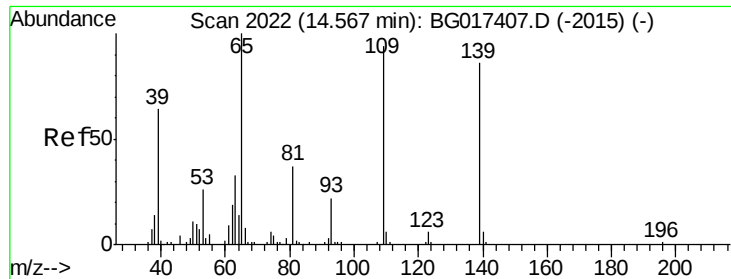
#54
Dibenzofuran
Concen: 43.29 ng
RT: 14.69 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:168 Resp: 192876
Ion Ratio Lower Upper
168 100
139 46.6 33.2 49.8
169 12.9 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

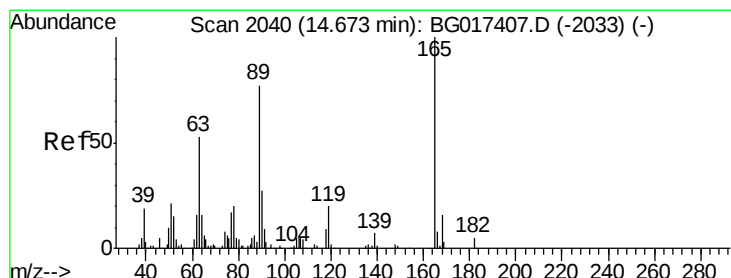
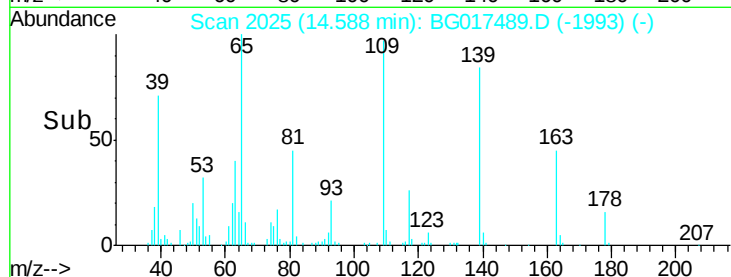
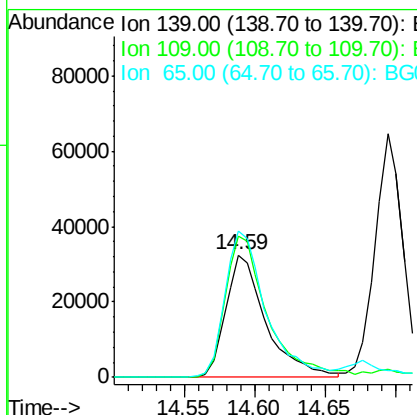
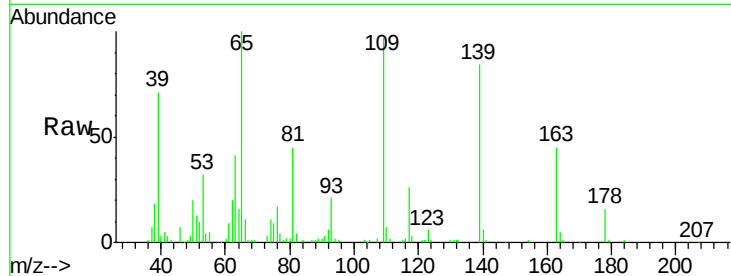




#55
4-Nitrophenol
Concen: 79.93 ng
RT: 14.59 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

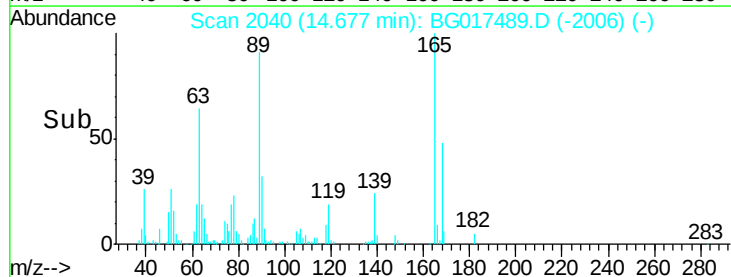
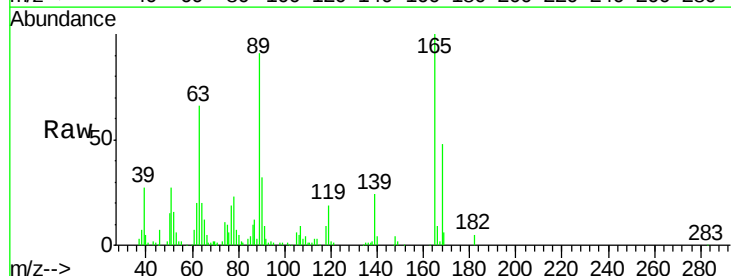
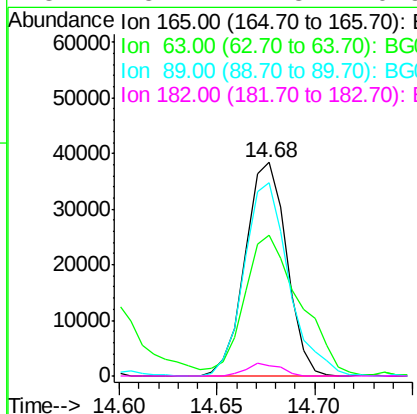
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

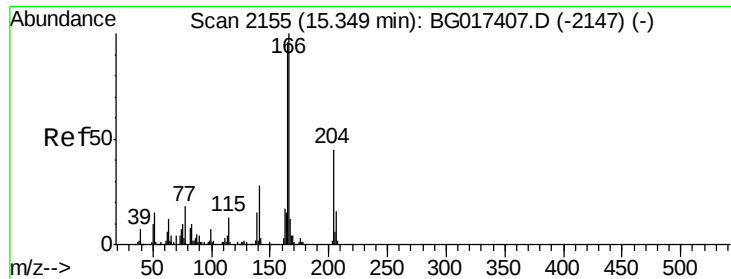
Tgt Ion:139 Resp: 64286
Ion Ratio Lower Upper
139 100
109 115.6 89.5 129.5
65 119.2 95.9 135.9



#56
2,4-Dinitrotoluene
Concen: 42.53 ng
RT: 14.68 min Scan# 2040
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:165 Resp: 56386
Ion Ratio Lower Upper
165 100
63 66.0 42.9 64.3#
89 90.6 61.5 92.3
182 5.1 4.3 6.5

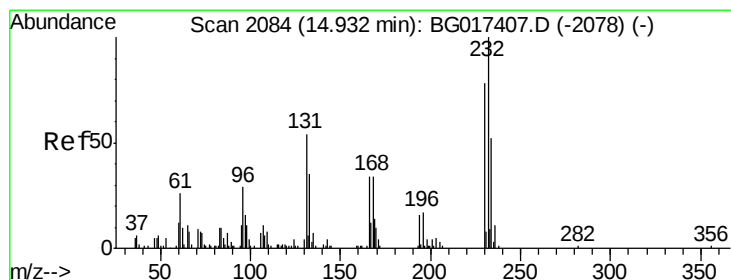
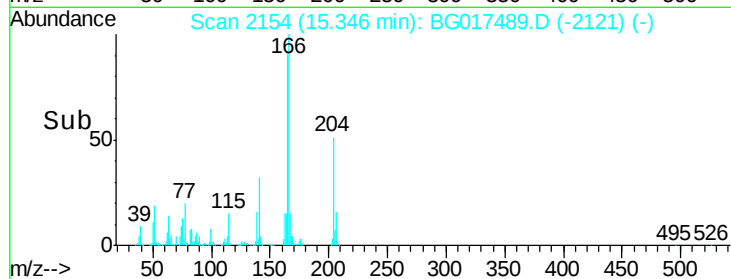
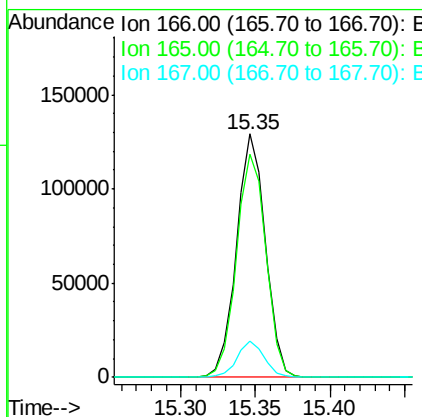
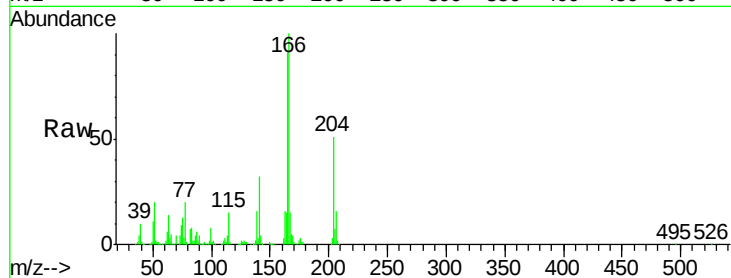




#57
Fluorene
 Concen: 42.98 ng
 RT: 15.35 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

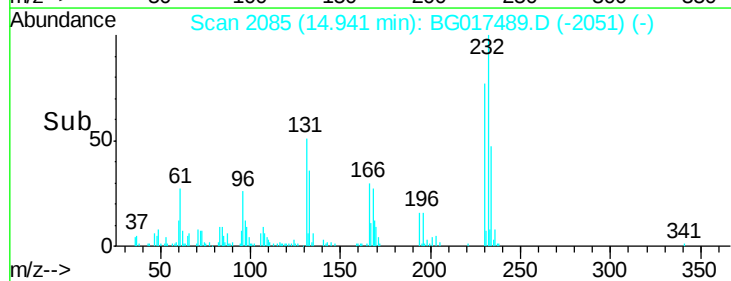
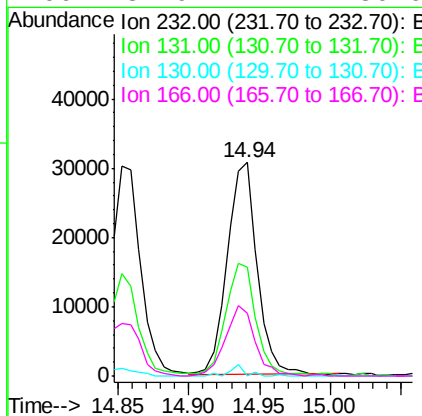
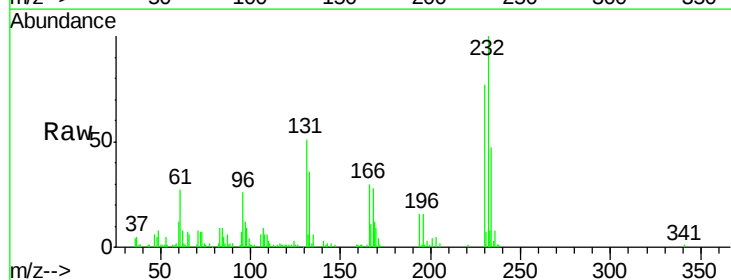
Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

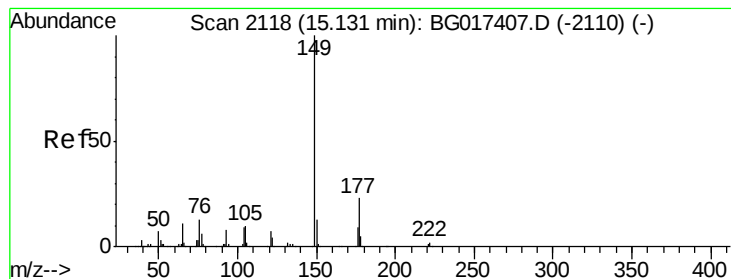
Tgt Ion:166 Resp: 173654
 Ion Ratio Lower Upper
 166 100
 165 91.5 76.8 115.2
 167 14.9 9.9 14.9#



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.61 ng
 RT: 14.94 min Scan# 2085
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:232 Resp: 45183
 Ion Ratio Lower Upper
 232 100
 131 52.5 40.1 60.1
 130 2.7 2.6 4.0
 166 32.9 24.4 36.6





#59

Diethylphthalate

Concen: 40.71 ng

RT: 15.13 min Scan# 2117

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

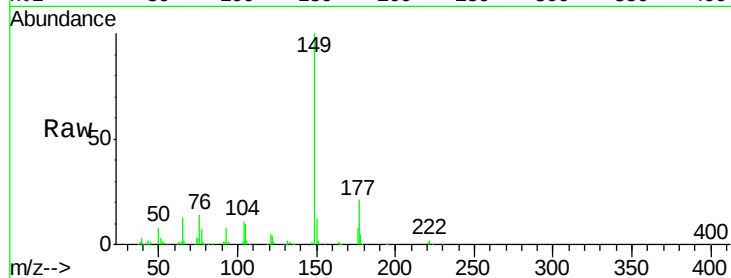
Tgt Ion:149 Resp: 183032

Ion Ratio Lower Upper

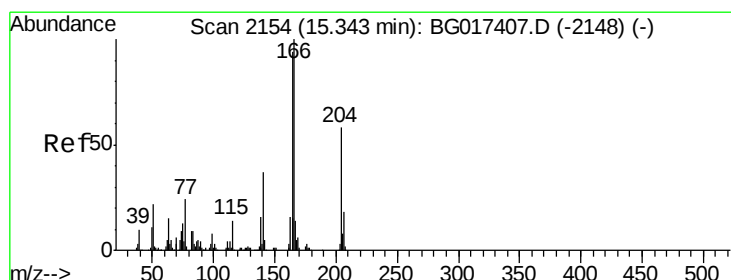
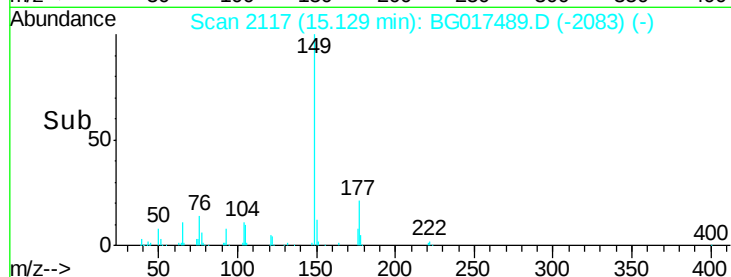
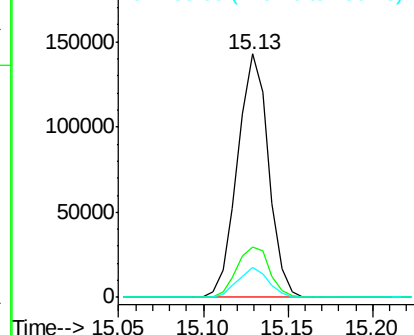
149 100

177 20.6 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: 45.00 ng

RT: 15.34 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

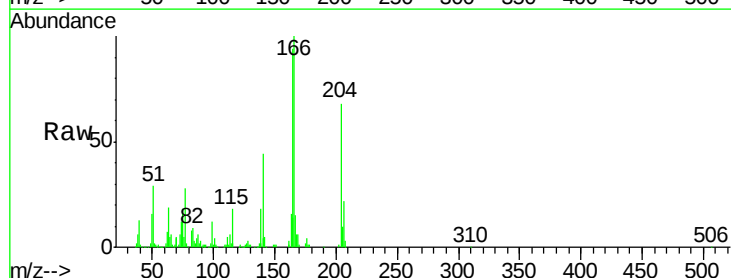
Tgt Ion:204 Resp: 92120

Ion Ratio Lower Upper

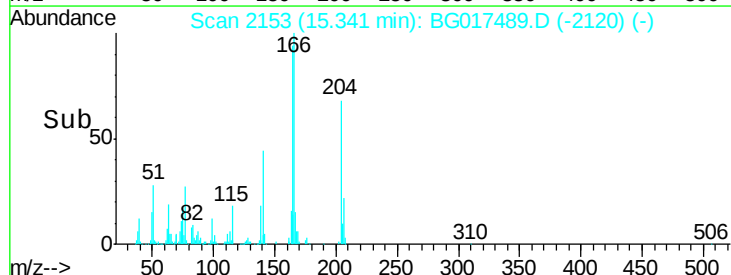
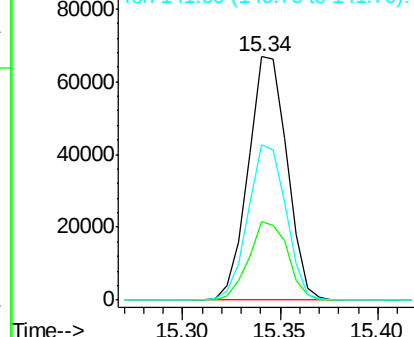
204 100

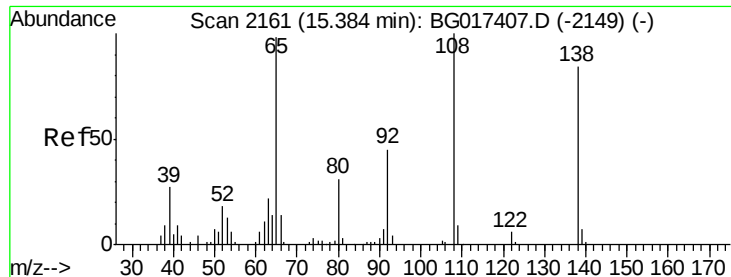
206 32.2 25.0 37.4

141 63.9 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

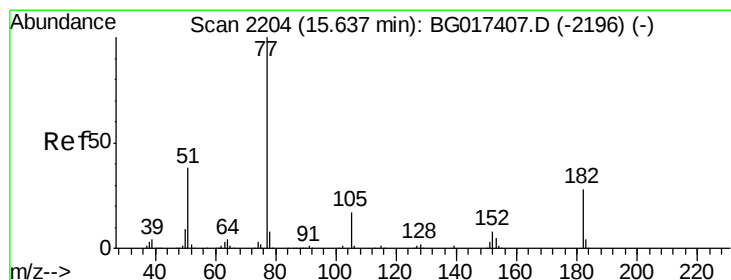
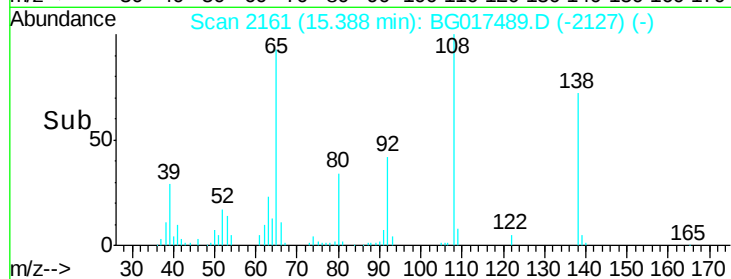
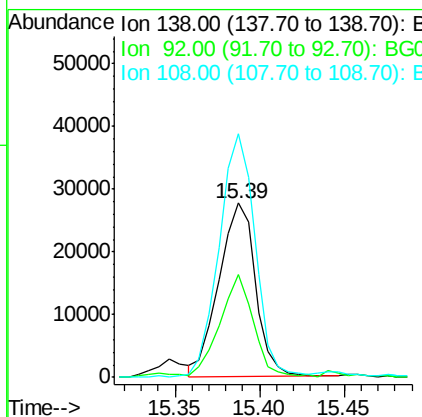
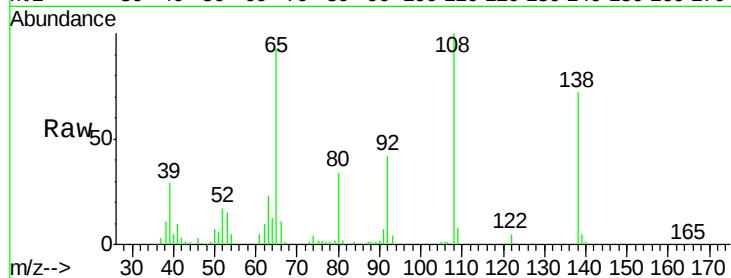




#61
4-Nitroaniline
Concen: 37.51 ng
RT: 15.39 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

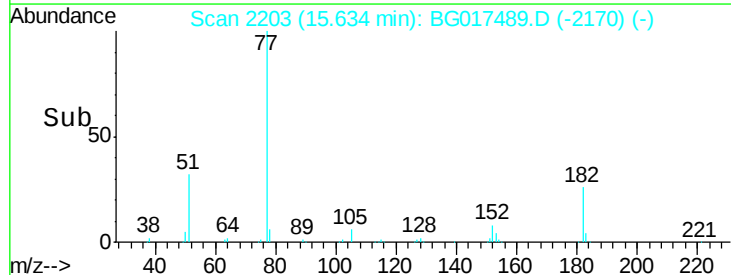
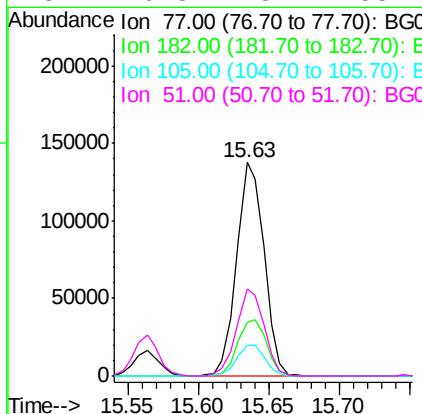
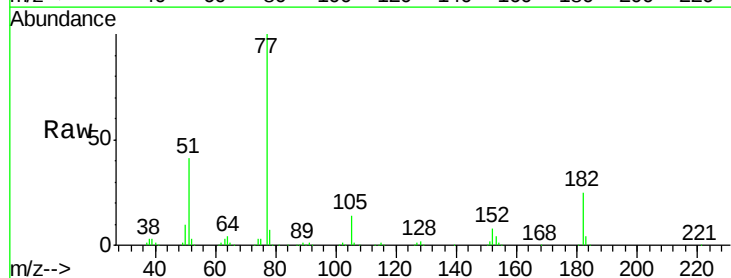
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

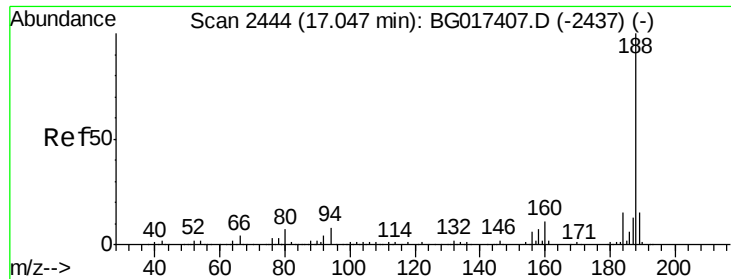
Tgt Ion:138 Resp: 41633
Ion Ratio Lower Upper
138 100
92 59.2 33.7 73.7
108 139.8 98.7 138.7#



#62
Azobenzene
Concen: 43.88 ng
RT: 15.63 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion: 77 Resp: 187539
Ion Ratio Lower Upper
77 100
182 25.3 8.0 48.0
105 14.3 0.0 36.9
51 40.8 18.1 58.1

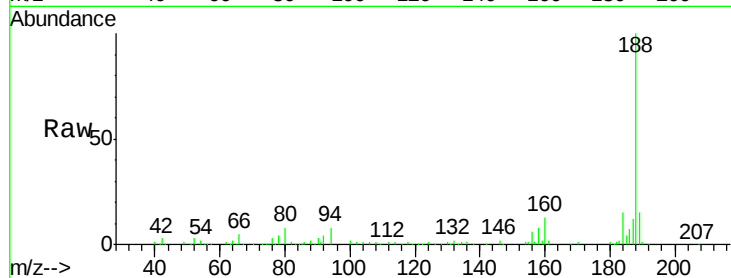




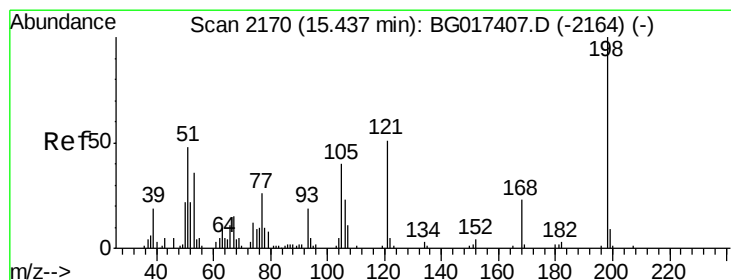
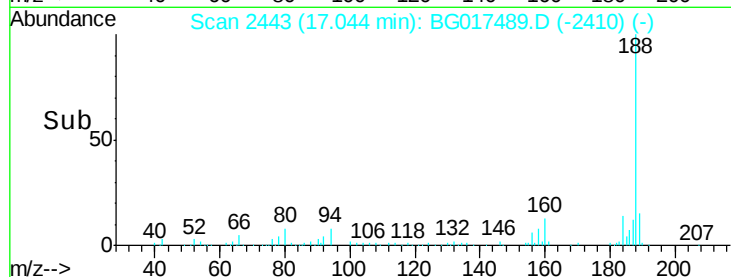
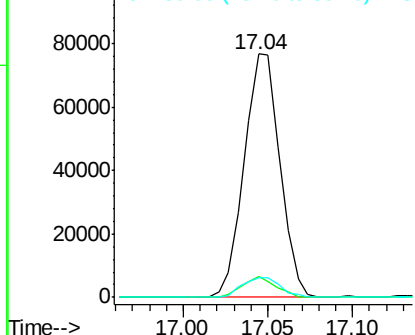
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.04 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:188 Resp: 113278
 Ion Ratio Lower Upper
 188 100
 94 8.4 6.3 9.5
 80 7.9 5.2 7.8#

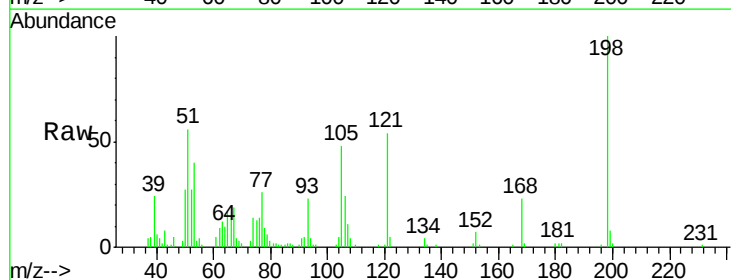


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

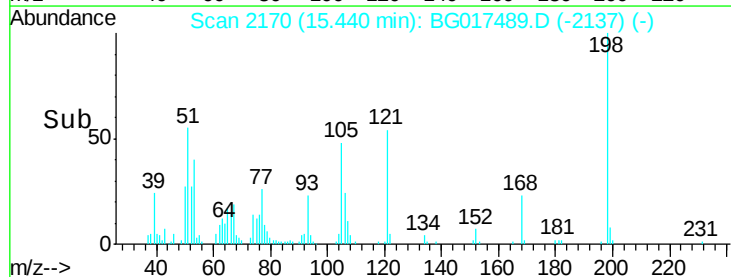
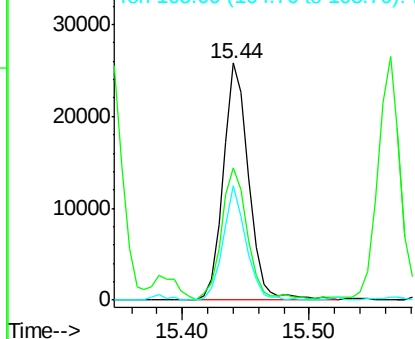


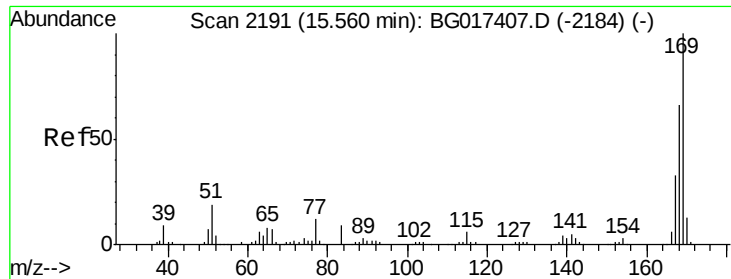
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.46 ng
 RT: 15.44 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:198 Resp: 35656
 Ion Ratio Lower Upper
 198 100
 51 55.9 30.3 70.3
 105 48.3 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

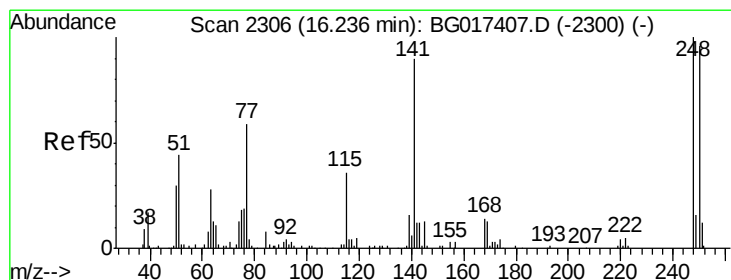
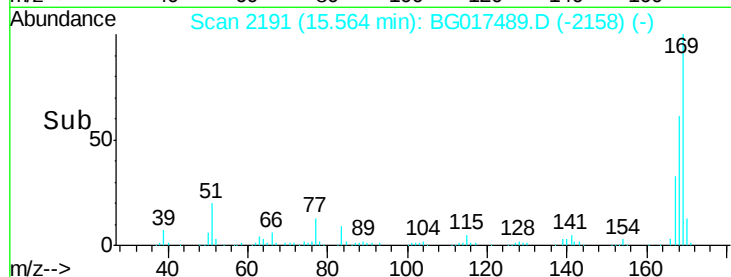
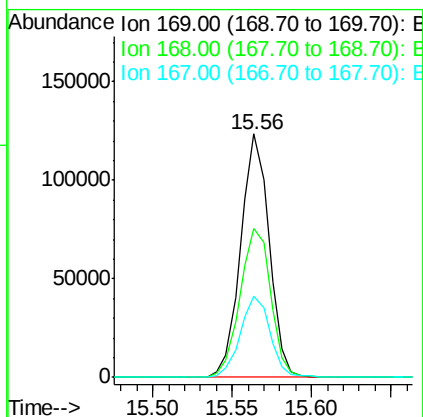
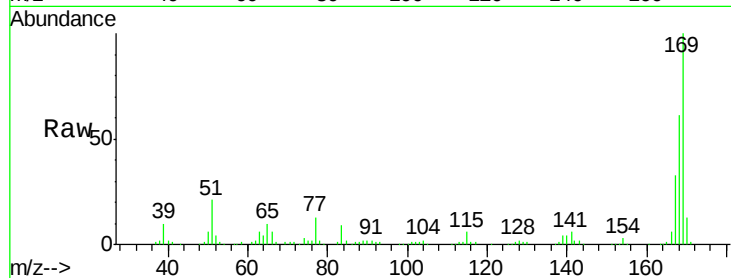




#65
 n-Nitrosodiphenylamine
 Concen: 45.52 ng
 RT: 15.56 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

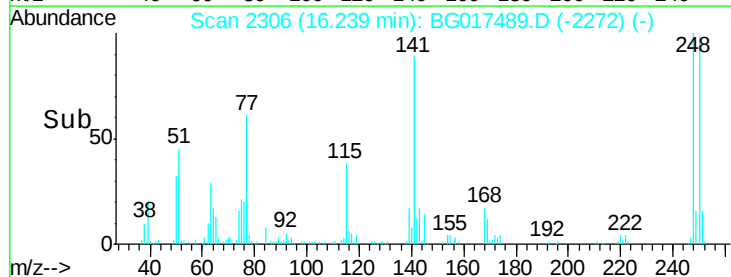
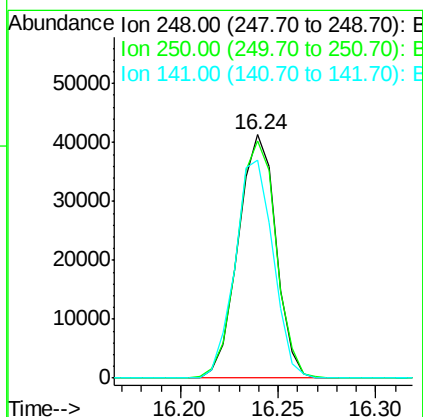
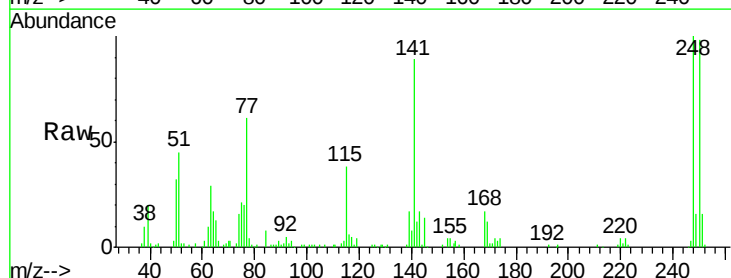
Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

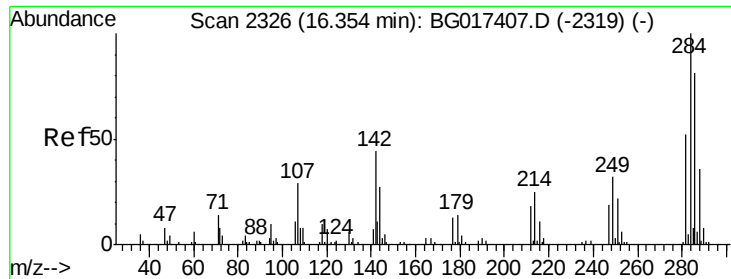
Tgt Ion:169 Resp: 153780
 Ion Ratio Lower Upper
 169 100
 168 61.0 52.4 78.6
 167 33.5 26.3 39.5



#66
 4-Bromophenyl-phenylether
 Concen: 44.09 ng
 RT: 16.24 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:248 Resp: 55290
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 89.3 71.8 107.6





#67

Hexachlorobenzene

Concen: 44.67 ng

RT: 16.35 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

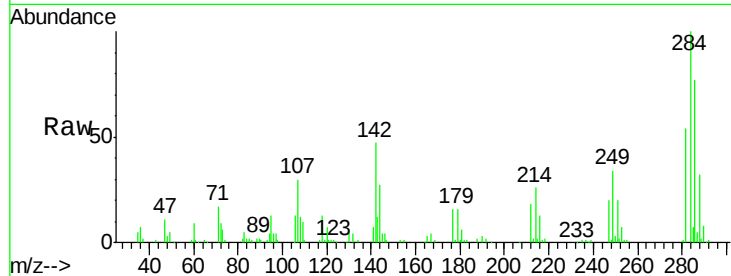
Tgt Ion:284 Resp: 60218

Ion Ratio Lower Upper

284 100

142 46.6 35.2 52.8

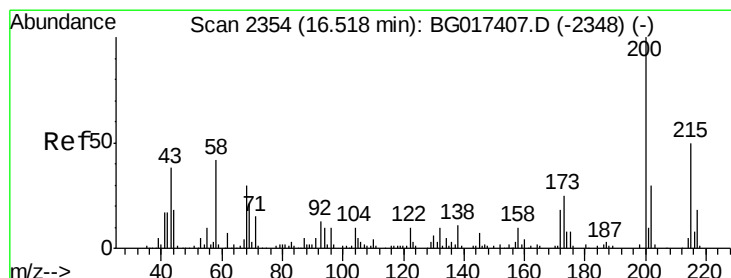
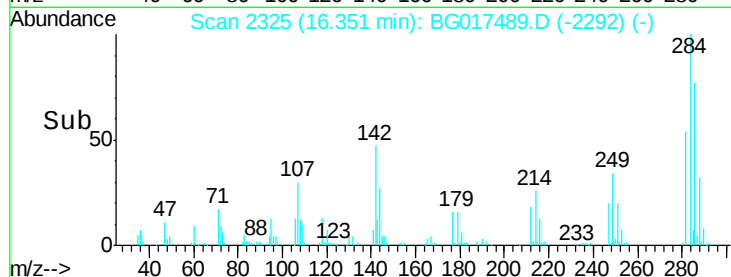
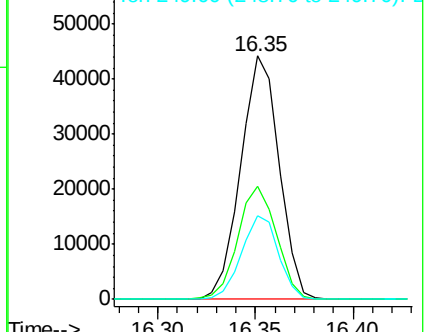
249 34.1 25.9 38.9



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: 41.90 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

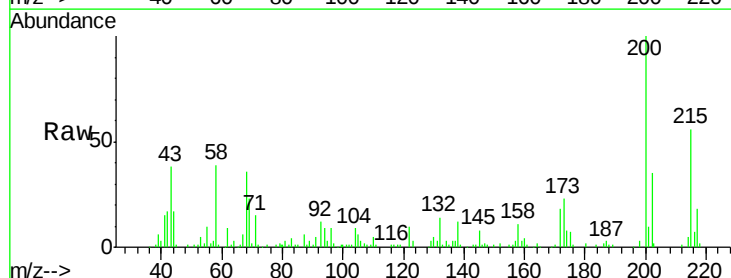
Tgt Ion:200 Resp: 62302

Ion Ratio Lower Upper

200 100

173 23.0 4.9 44.9

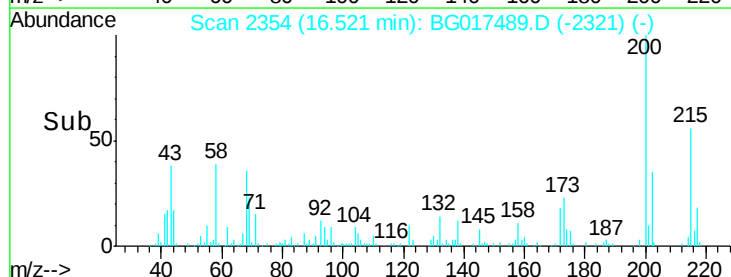
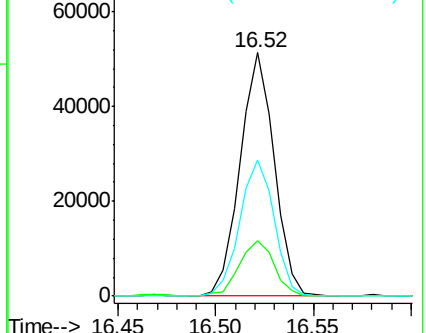
215 55.8 30.1 70.1

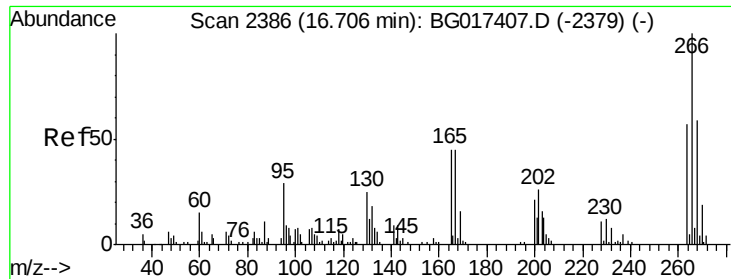


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 80.80 ng

RT: 16.71 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

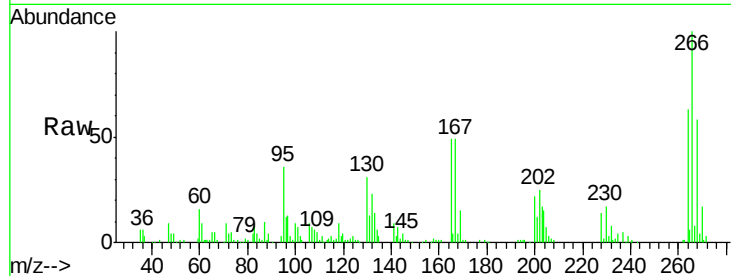
Tgt Ion:266 Resp: 66721

Ion Ratio Lower Upper

266 100

268 58.1 47.0 70.6

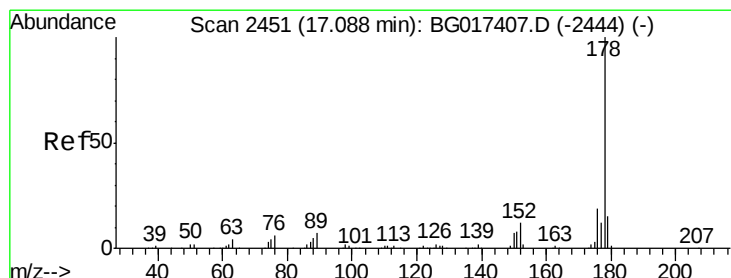
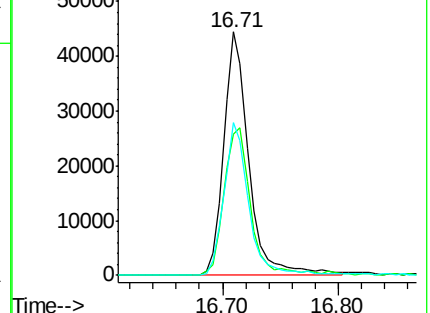
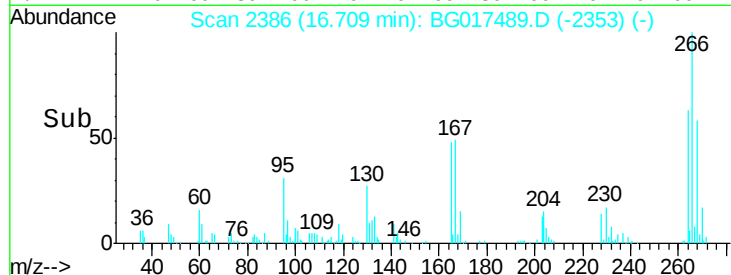
264 62.9 45.7 68.5



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: 43.48 ng

RT: 17.09 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

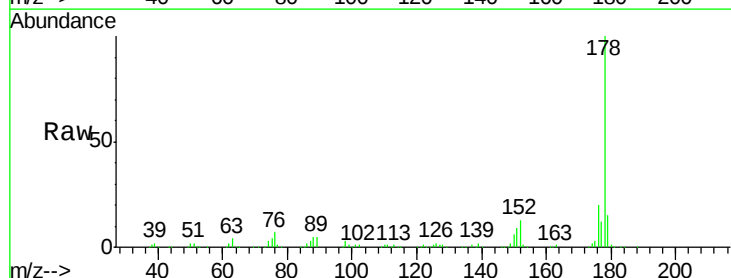
Tgt Ion:178 Resp: 274614

Ion Ratio Lower Upper

178 100

176 19.9 15.6 23.4

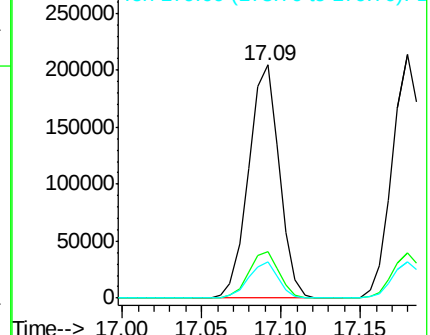
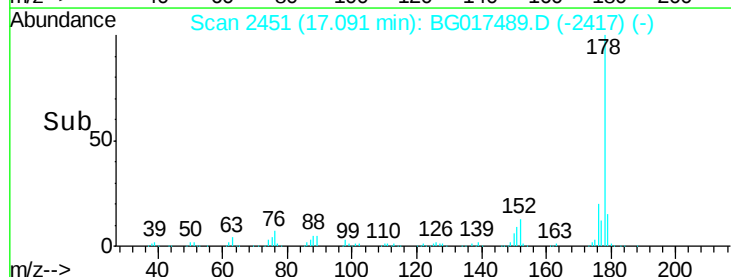
179 15.5 12.2 18.2

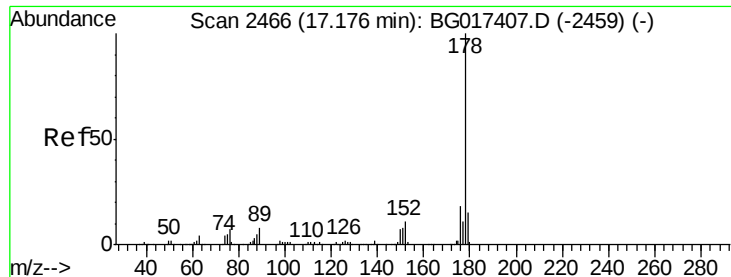


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

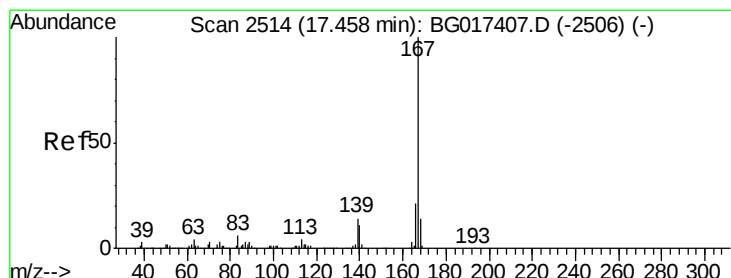
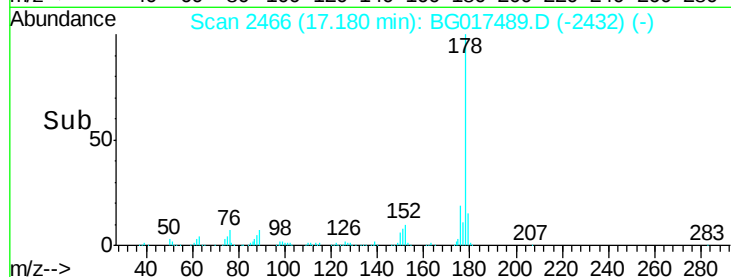
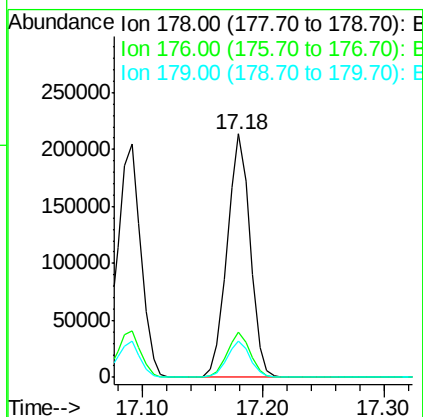
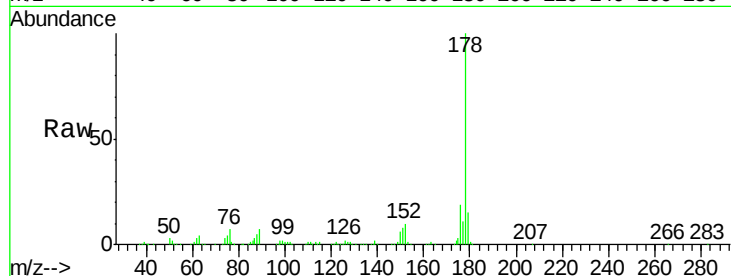




#71
 Anthracene
 Concen: 44.89 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

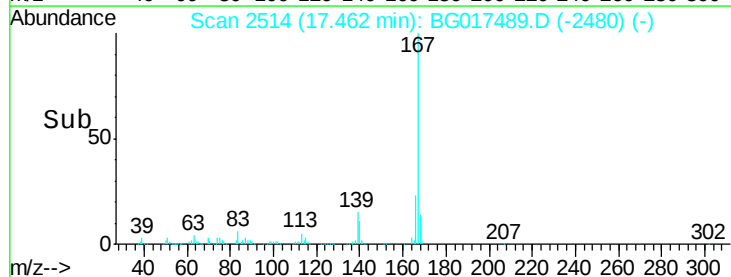
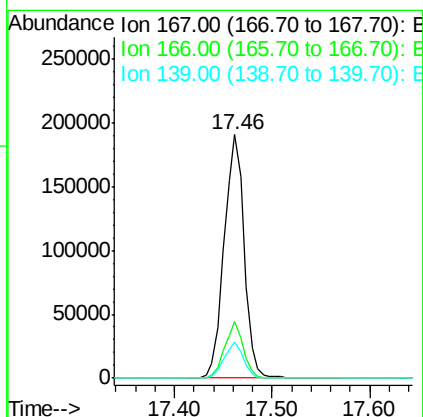
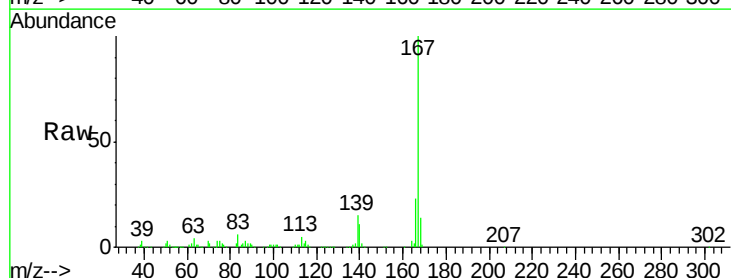
Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

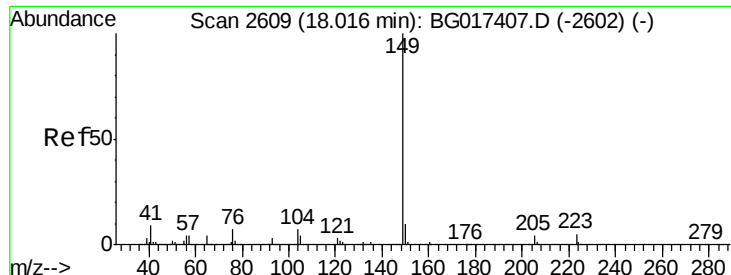
Tgt Ion:178 Resp: 283218
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.2 21.2
 179 15.1 12.2 18.4



#72
 Carbazole
 Concen: 43.60 ng
 RT: 17.46 min Scan# 2514
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:167 Resp: 271596
 Ion Ratio Lower Upper
 167 100
 166 23.3 17.0 25.4
 139 14.8 11.3 16.9

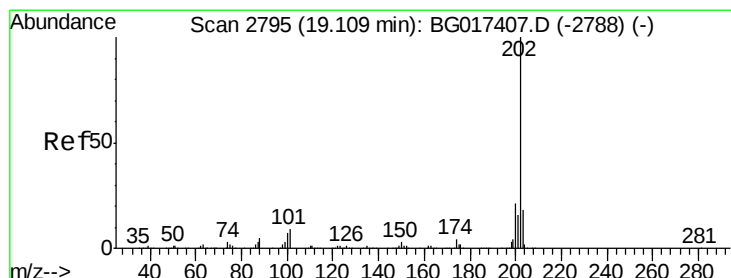
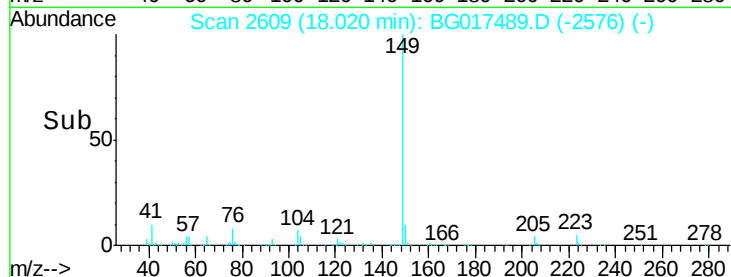
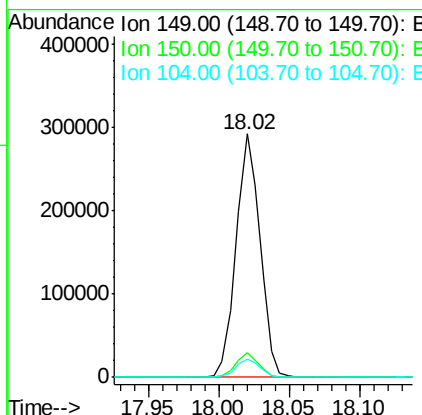
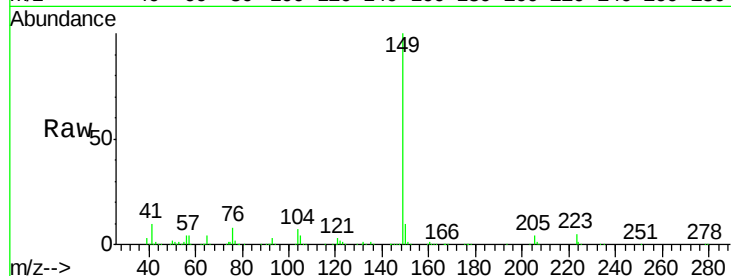




#73
Di-n-butylphthalate
Concen: 43.31 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

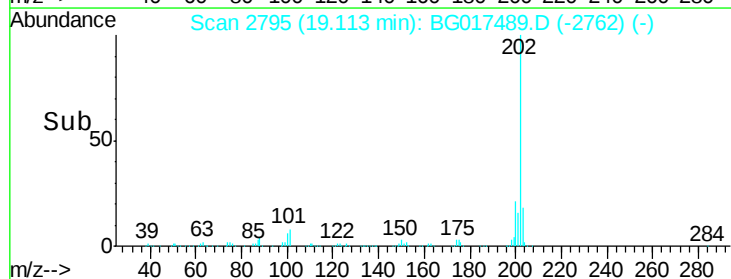
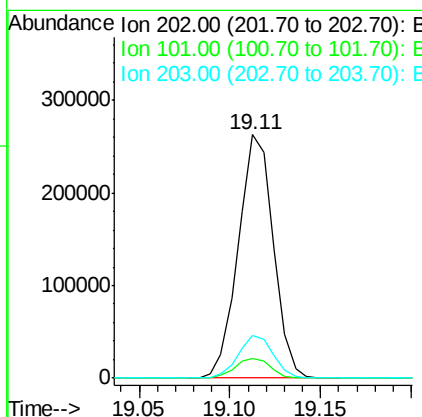
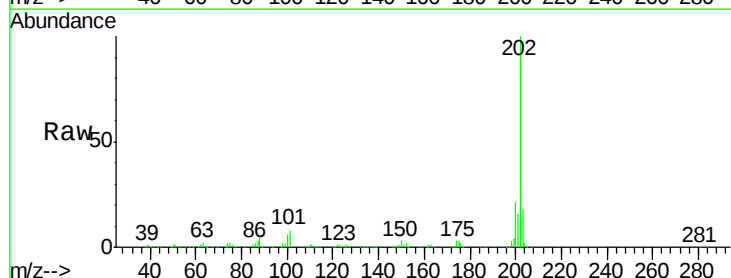
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

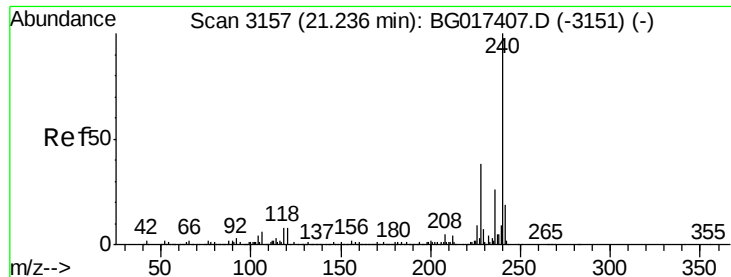
Tgt Ion:149 Resp: 345539
Ion Ratio Lower Upper
149 100
150 10.0 7.6 11.4
104 7.3 5.4 8.2



#74
Fluoranthene
Concen: 42.83 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:202 Resp: 353704
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 17.6 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: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

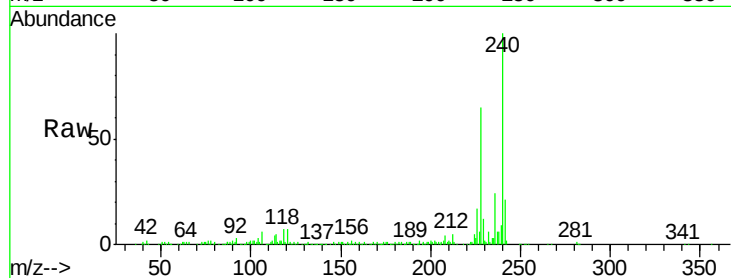
Tgt Ion:240 Resp: 142444

Ion Ratio Lower Upper

240 100

120 7.0 6.5 9.7

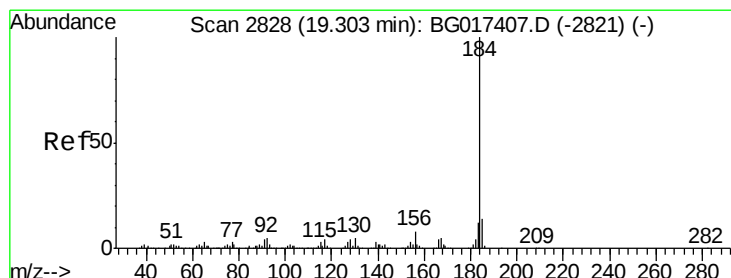
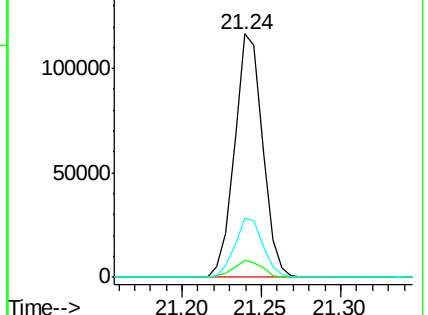
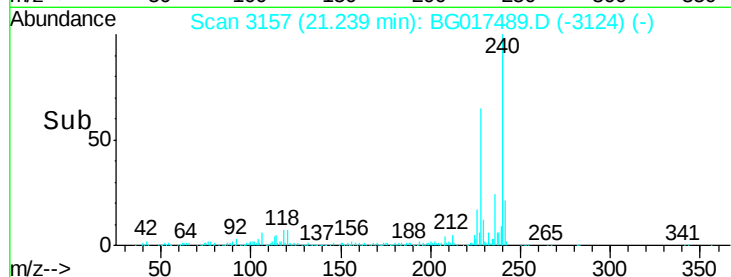
236 24.4 20.8 31.2



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: 37.66 ng

RT: 19.31 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

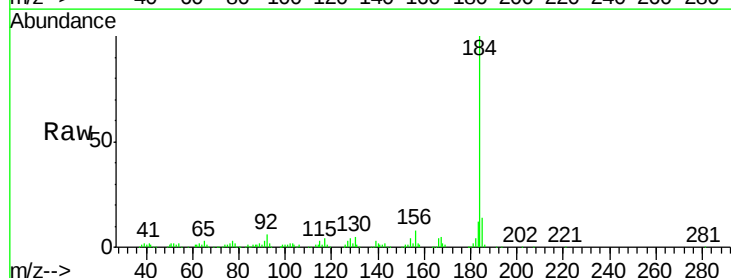
Tgt Ion:184 Resp: 184364

Ion Ratio Lower Upper

184 100

185 14.1 11.0 16.6

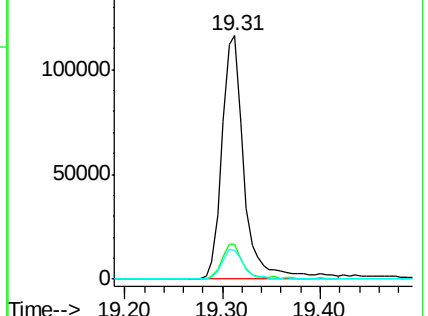
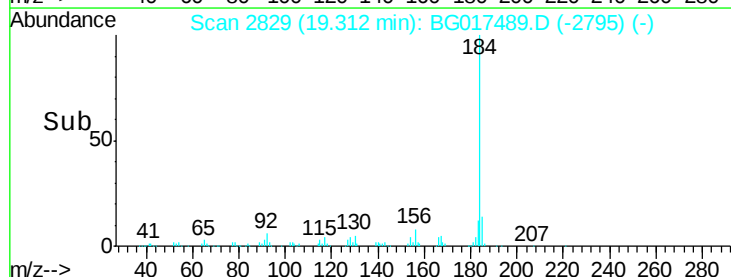
183 11.6 9.8 14.8

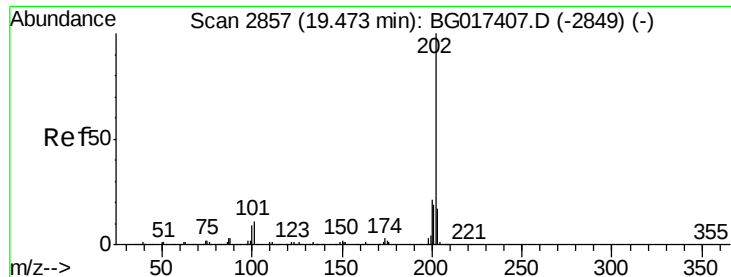


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 41.73 ng

RT: 19.48 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

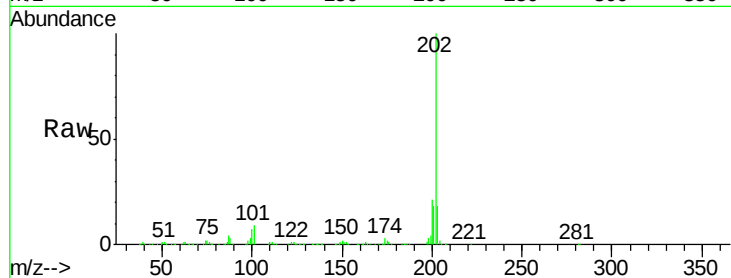
Tgt Ion: 202 Resp: 366156

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

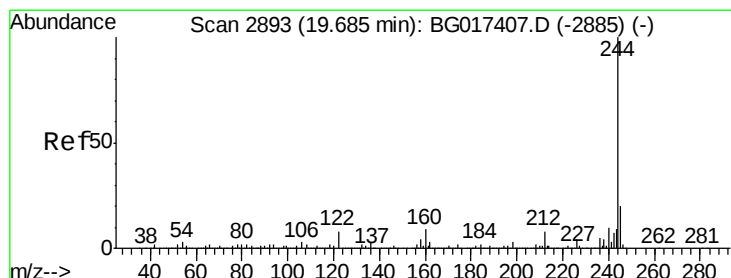
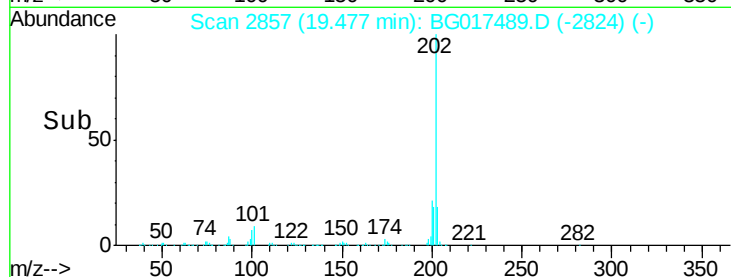
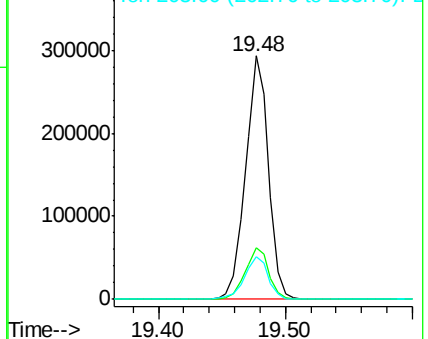
203 17.6 13.9 20.9



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: 82.30 ng

RT: 19.69 min Scan# 2893

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

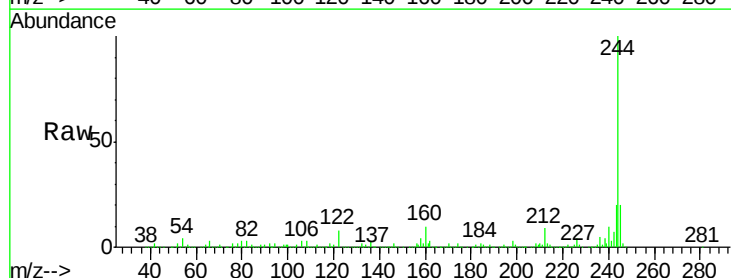
Tgt Ion: 244 Resp: 567211

Ion Ratio Lower Upper

244 100

212 8.5 6.4 9.6

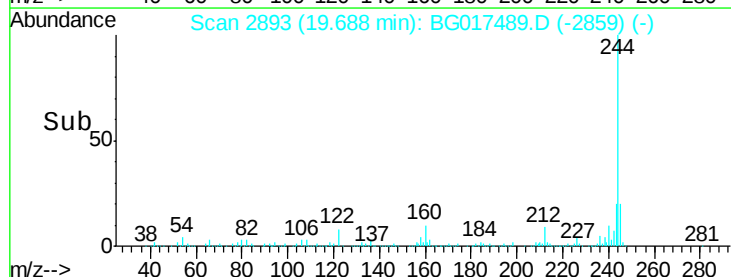
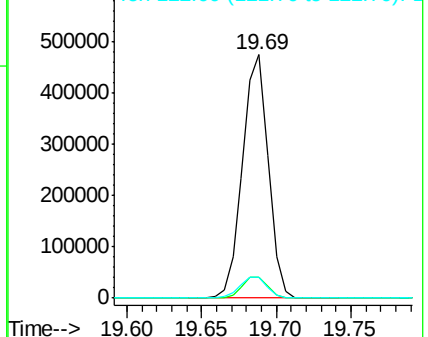
122 8.3 6.6 10.0

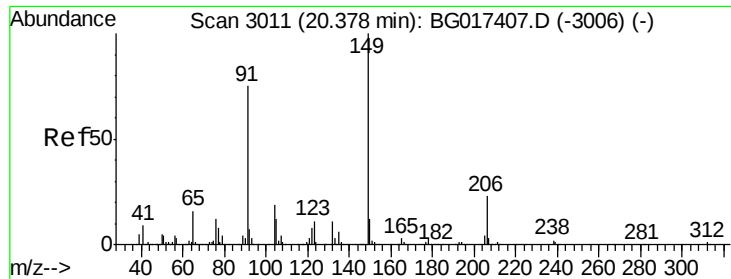


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

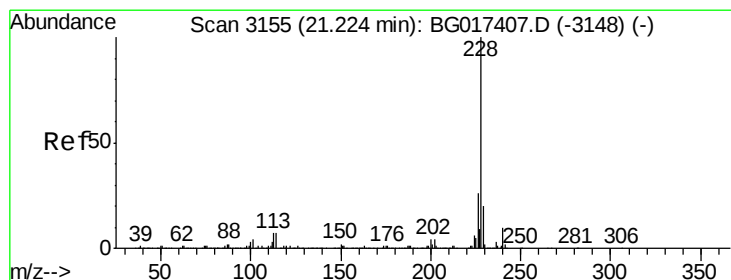
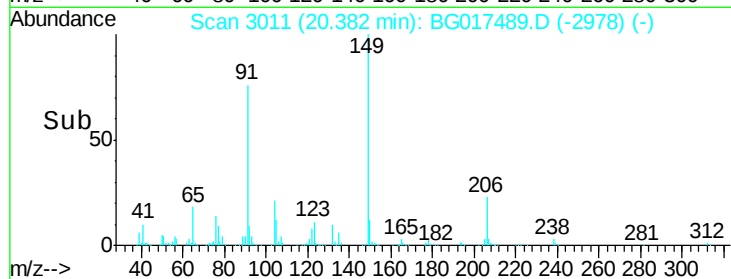
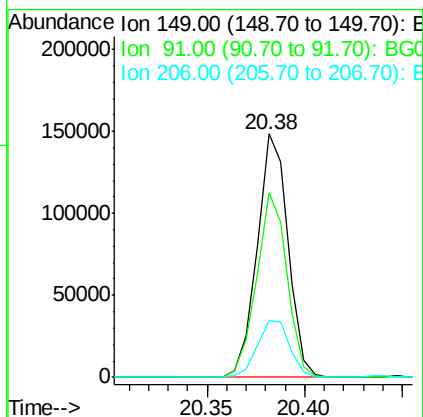
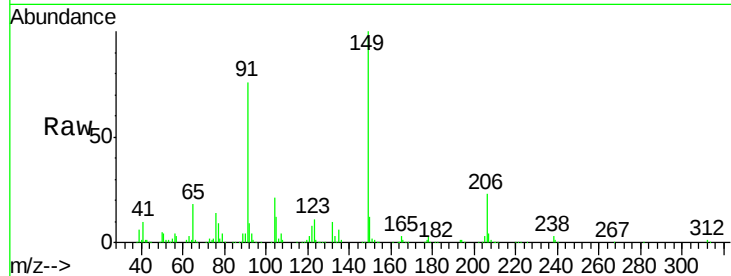




#79
Butylbenzylphthalate
Concen: 42.71 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

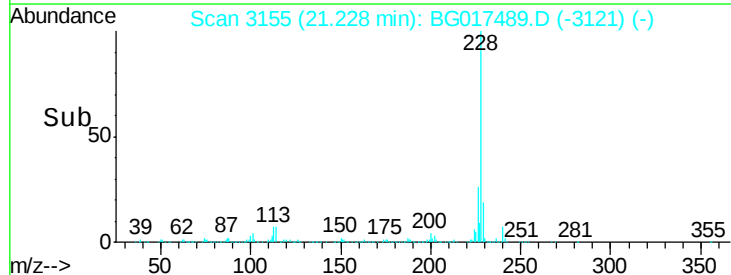
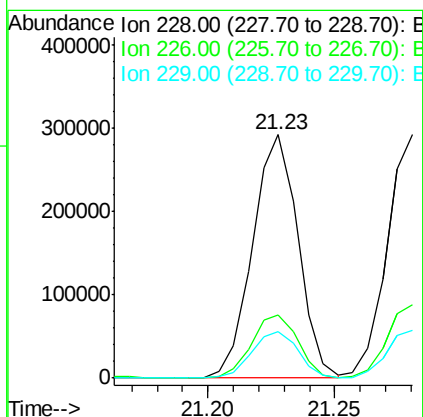
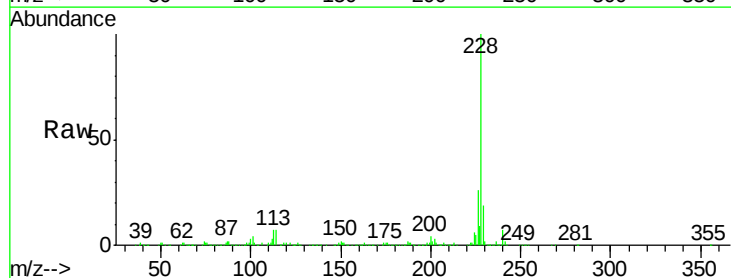
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

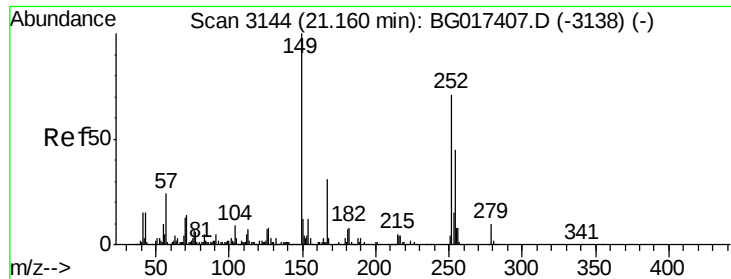
Tgt Ion:149 Resp: 162187
Ion Ratio Lower Upper
149 100
91 75.9 59.8 89.6
206 23.5 18.2 27.2



#80
Benzo(a)anthracene
Concen: 41.50 ng
RT: 21.23 min Scan# 3155
Delta R.T. 0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:228 Resp: 363560
Ion Ratio Lower Upper
228 100
226 25.8 21.0 31.6
229 19.2 15.7 23.5

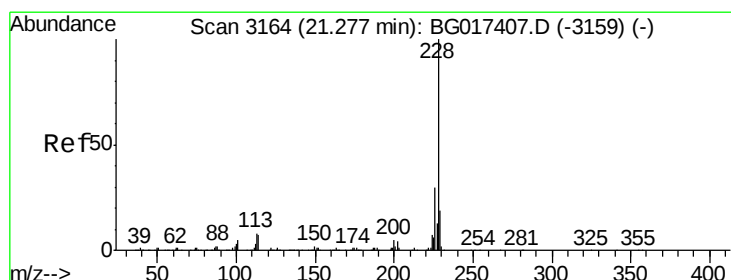
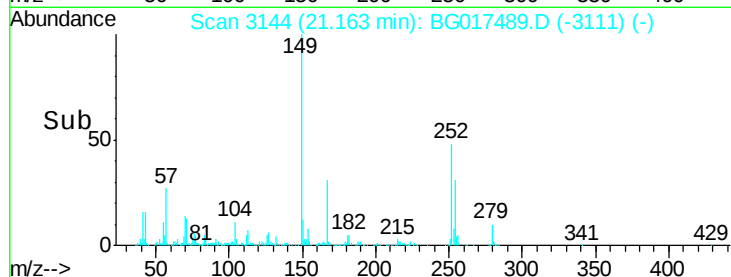
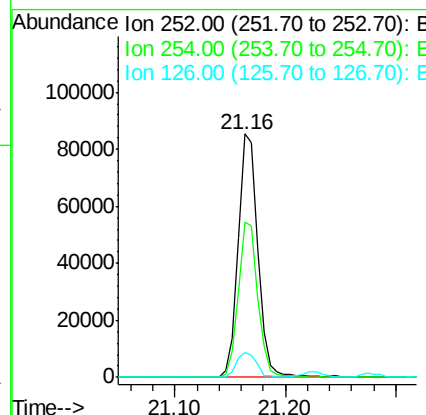
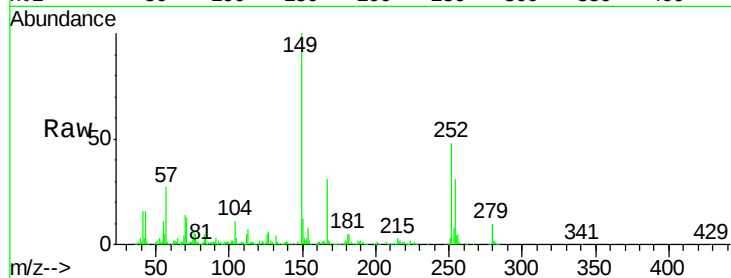




#81
 3,3'-Dichlorobenzidine
 Concen: 33.00 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

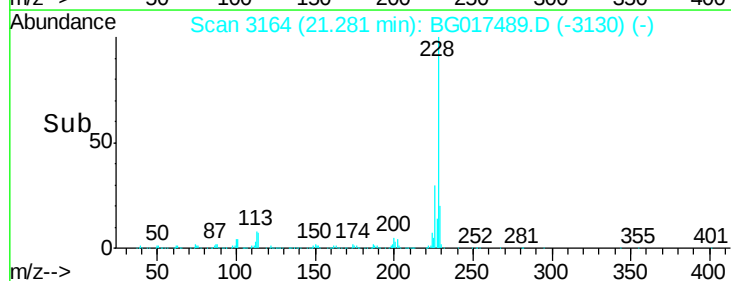
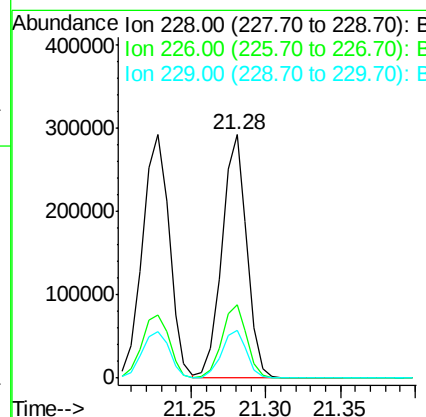
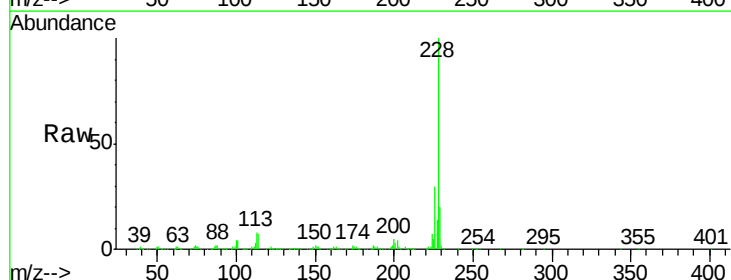
Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

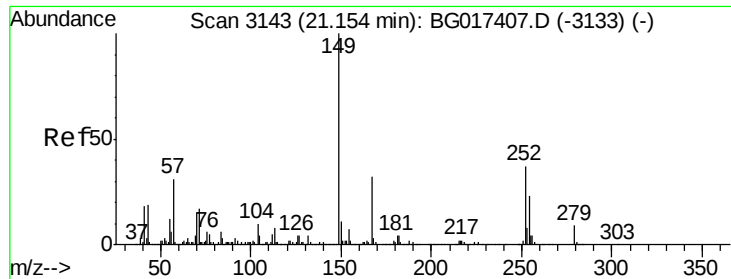
Tgt Ion: 252 Resp: 108029
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.1 76.7
 126 10.4 8.2 12.2



#82
 Chrysene
 Concen: 43.18 ng
 RT: 21.28 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion: 228 Resp: 342533
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.7 35.5
 229 19.6 15.2 22.8

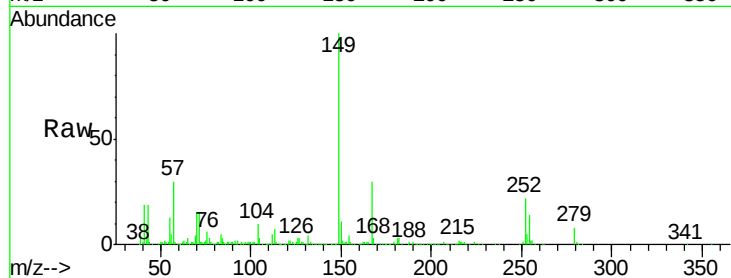




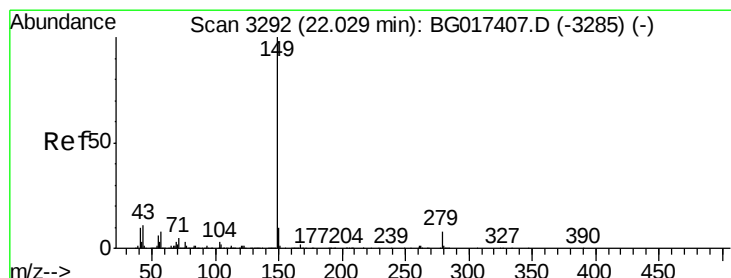
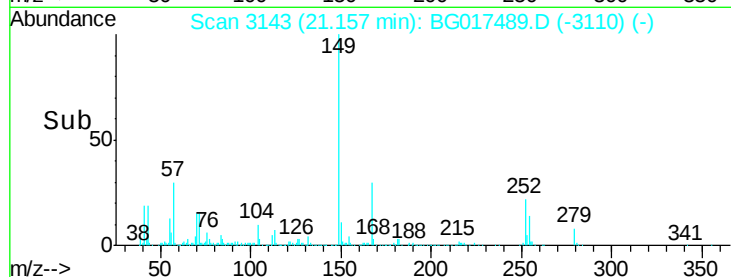
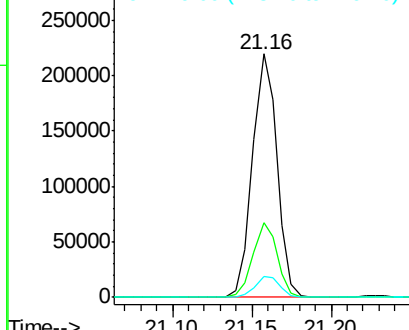
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.26 ng
 RT: 21.16 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Instrument :
 BNA_G
 ClientSampleId :
 PB83803BSD

Tgt Ion:149 Resp: 236879
 Ion Ratio Lower Upper
 149 100
 167 30.4 25.4 38.2
 279 8.4 7.1 10.7

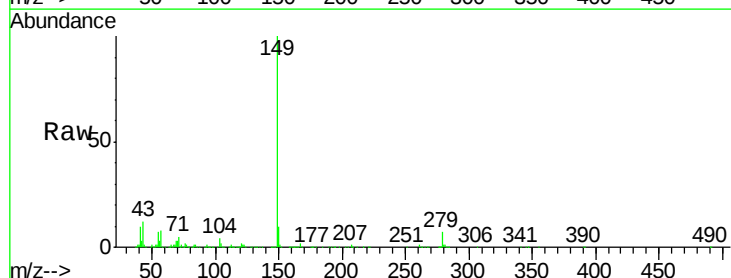


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

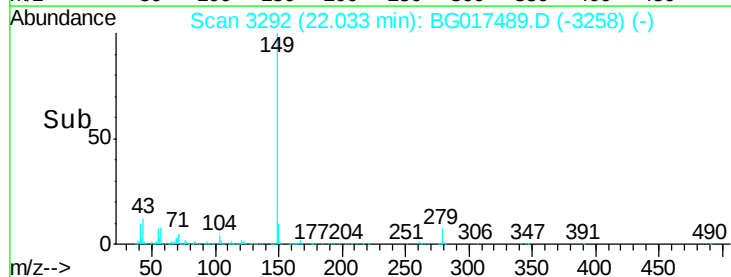
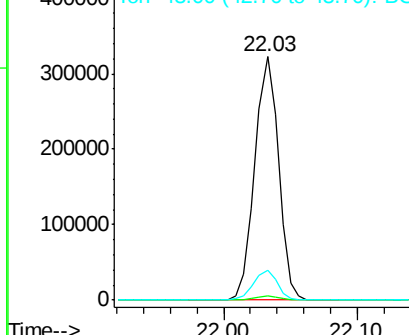


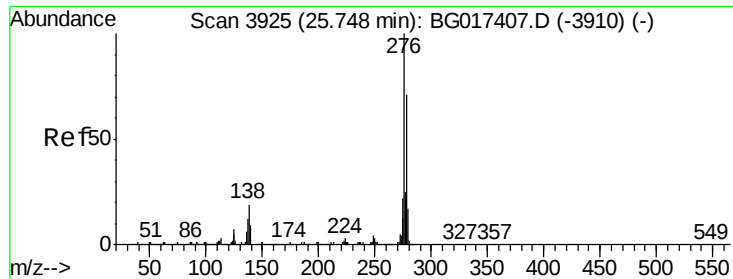
#84
 Di-n-octyl phthalate
 Concen: 42.94 ng
 RT: 22.03 min Scan# 3292
 Delta R.T. 0.00 min
 Lab File: BG017489.D
 Acq: 6 Jun 2015 2:40

Tgt Ion:149 Resp: 394204
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 12.3 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): BGO





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.83 ng

RT: 25.76 min Scan# 3927

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

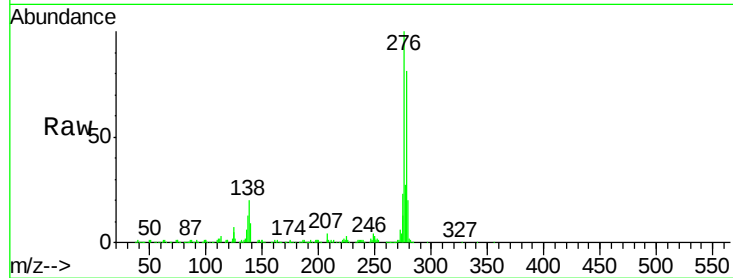
Tgt Ion:276 Resp: 406706

Ion Ratio Lower Upper

276 100

138 18.7 15.4 23.0

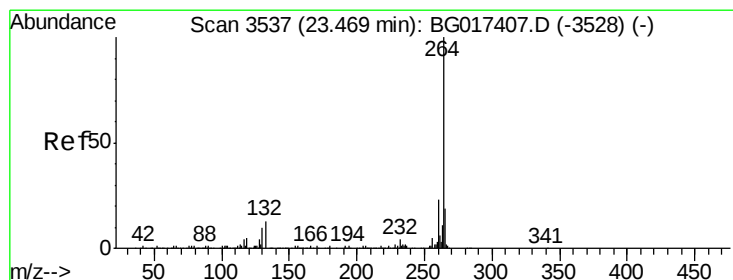
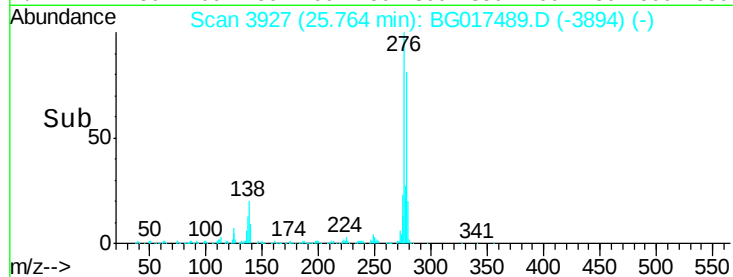
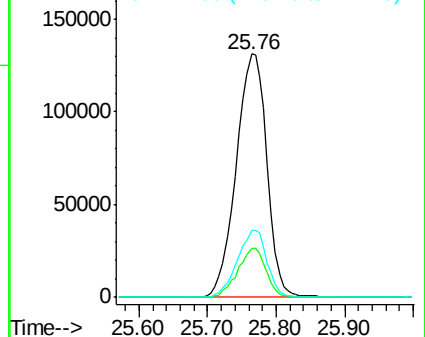
277 26.7 20.5 30.7



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: 23.48 min Scan# 3538

Delta R.T. -0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

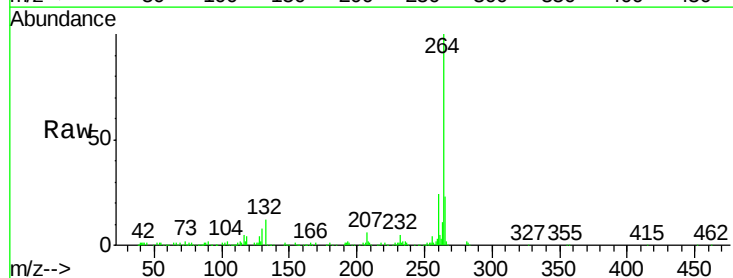
Tgt Ion:264 Resp: 136058

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

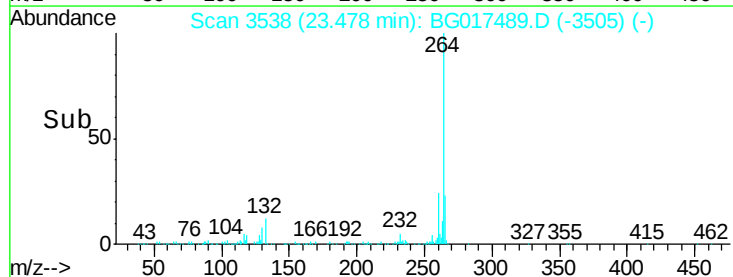
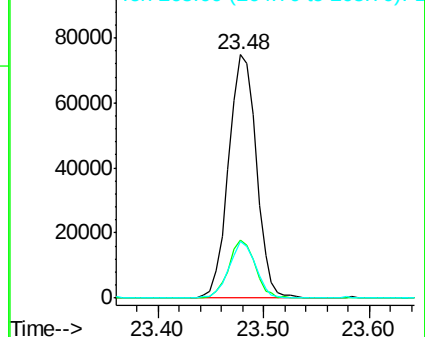
265 23.1 15.8 23.6

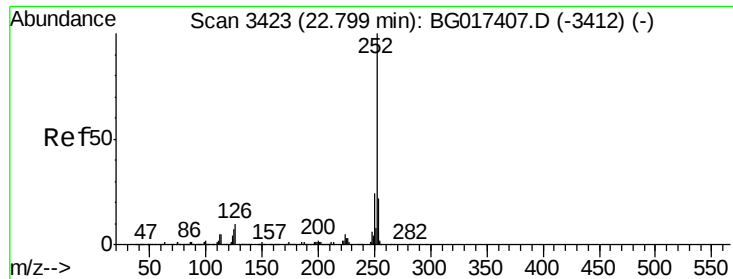


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

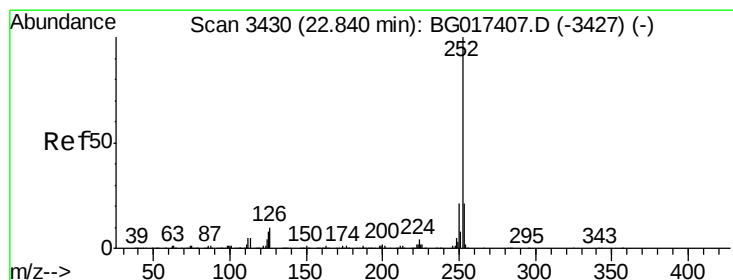
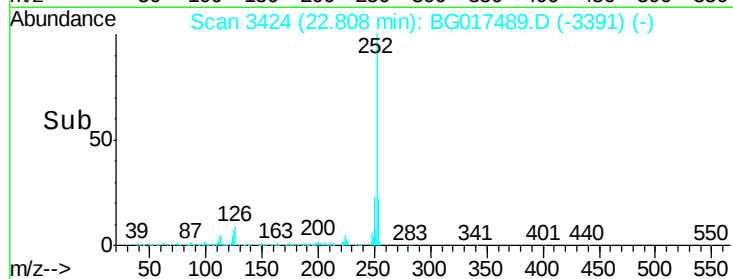
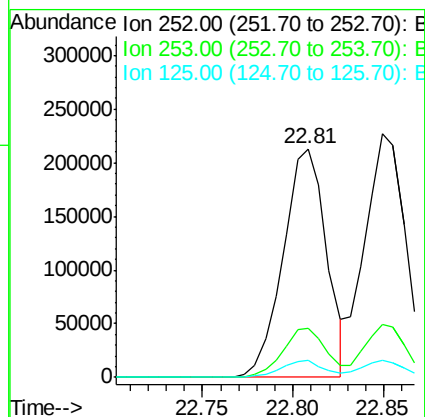
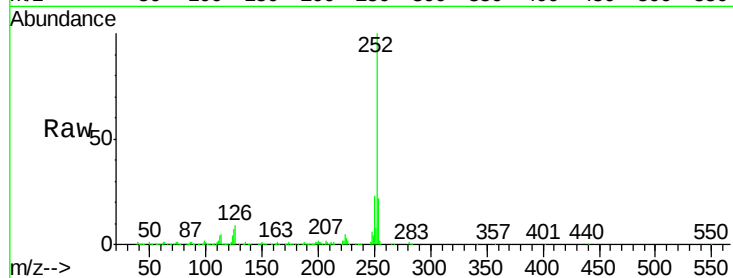




#87
Benzo(b)fluoranthene
Concen: 41.22 ng
RT: 22.81 min Scan# 3424
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

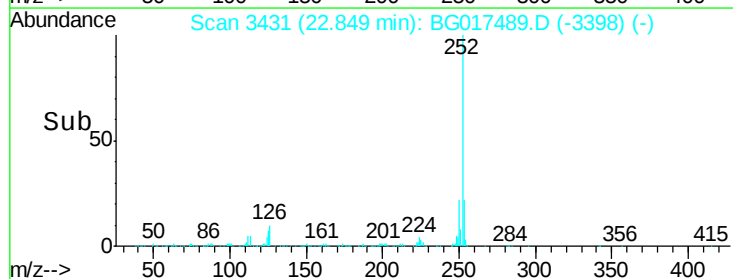
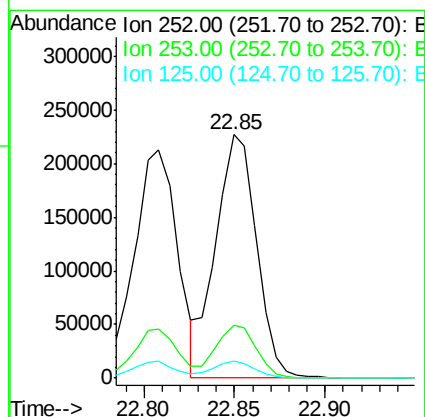
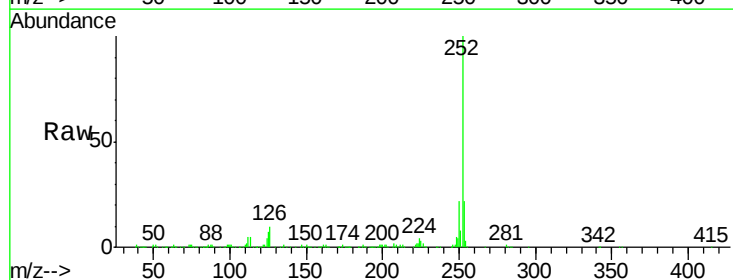
Instrument :
BNA_G
ClientSampleId :
PB83803BSD

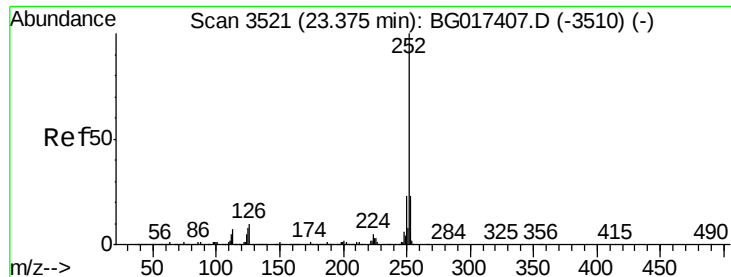
Tgt Ion:252 Resp: 355421
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.3 5.8 8.8



#88
Benzo(k)fluoranthene
Concen: 42.91 ng
RT: 22.85 min Scan# 3431
Delta R.T. -0.00 min
Lab File: BG017489.D
Acq: 6 Jun 2015 2:40

Tgt Ion:252 Resp: 354056
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 7.1 6.5 9.7





#89

Benzo(a)pyrene

Concen: 43.71 ng

RT: 23.38 min Scan# 3522

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

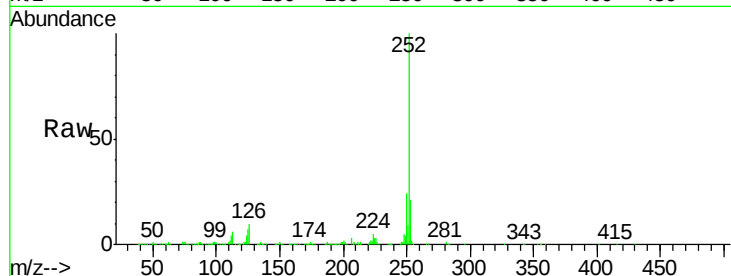
Tgt Ion:252 Resp: 345613

Ion Ratio Lower Upper

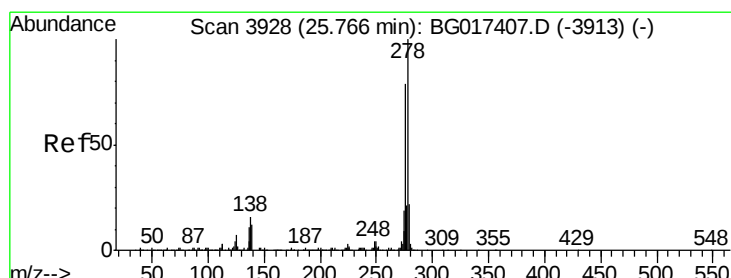
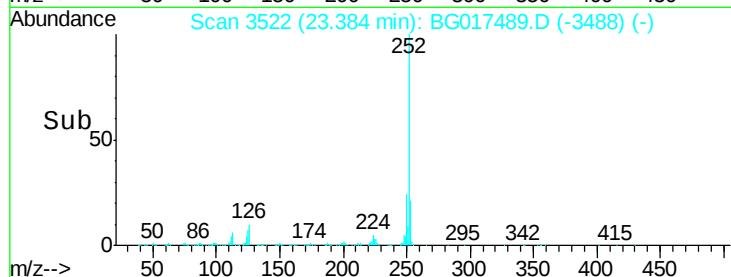
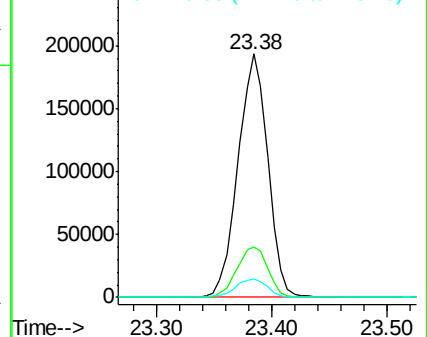
252 100

253 20.8 18.1 27.1

125 7.4 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: 41.77 ng

RT: 25.78 min Scan# 3930

Delta R.T. 0.00 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

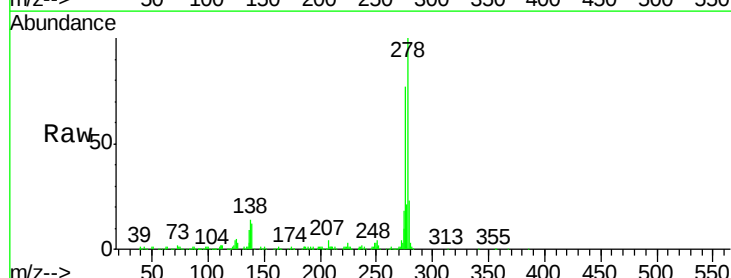
Tgt Ion:278 Resp: 343149

Ion Ratio Lower Upper

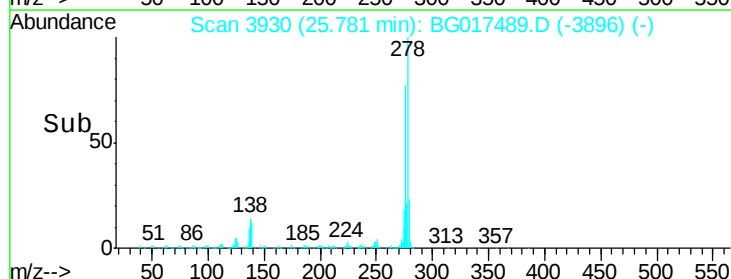
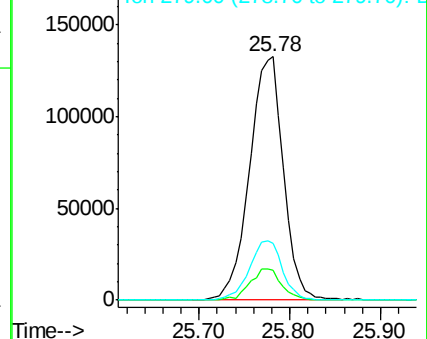
278 100

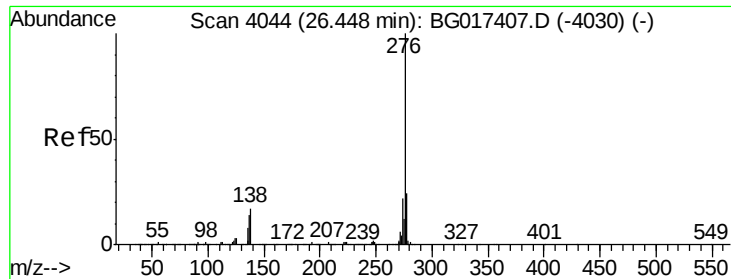
139 12.3 9.4 14.0

279 23.3 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: 41.71 ng

RT: 26.46 min Scan# 4046

Delta R.T. -0.01 min

Lab File: BG017489.D

Acq: 6 Jun 2015 2:40

Instrument :

BNA_G

ClientSampleId :

PB83803BSD

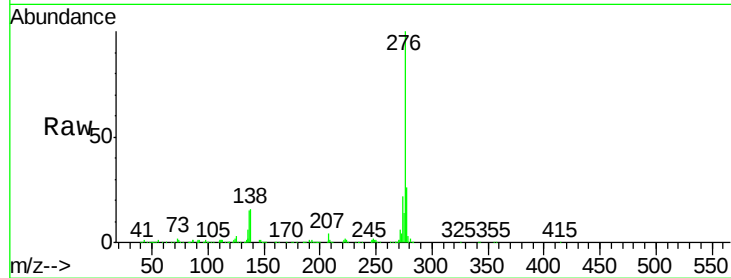
Tgt Ion: 276 Resp: 326189

Ion Ratio Lower Upper

276 100

277 25.7 19.2 28.8

138 16.3 13.5 20.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

