

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017429.D
 Acq On : 4 Jun 2015 5:42
 Operator : TP/IZ
 Sample : G2420-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Quant Time: Jun 04 07:03:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 06:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	17249	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	75468	20.00	ng	0.00
38) Acenaphthene-d10	14.29	164	49100	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	124483	20.00	ng	0.00
75) Chrysene-d12	21.24	240	149397	20.00	ng	0.00
86) Perylene-d12	23.47	264	149662	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	145758	148.88	ng	0.00
7) Phenol-d6	6.83	99	199493	149.57	ng	0.00
23) Nitrobenzene-d5	8.79	82	139493	92.27	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	104557	153.32	ng	0.00
44) 2-Fluorobiphenyl	12.91	172	317375	97.51	ng	0.00
78) Terphenyl-d14	19.68	244	653667	90.43	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	13240	30.05	ng	87
3) Pyridine	3.47	79	35462	30.13	ng	95
4) n-Nitrosodimethylamine	3.40	42	35261	45.71	ng	89
6) Aniline	6.96	93	43195	24.12	ng	98
8) 2-Chlorophenol	7.20	128	53571	46.27	ng	95
9) Benzaldehyde	6.77	77	5863	6.48	ng	94
10) Phenol	6.86	94	70019	51.11	ng	99
11) bis(2-Chloroethyl)ether	7.06	93	49583	47.50	ng	92
12) 1,3-Dichlorobenzene	7.51	146	51917	40.11	ng	98
13) 1,4-Dichlorobenzene	7.66	146	54919	40.49	ng	97
14) 1,2-Dichlorobenzene	7.98	146	52202	41.11	ng	88
15) Benzyl Alcohol	7.88	79	56046	45.13	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.17	45	79018	44.91	ng	96
17) 2-Methylphenol	8.09	107	49367	47.49	ng	92
18) Hexachloroethane	8.70	117	23051	42.60	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	47927	42.47	ng	# 91
20) 3+4-Methylphenols	8.42	107	66258	46.07	ng	99
22) Acetophenone	8.45	105	82610	44.66	ng	# 98
24) Nitrobenzene	8.83	77	69666	44.39	ng	100
25) Isophorone	9.35	82	129109	40.83	ng	99
26) 2-Nitrophenol	9.54	139	32574	44.75	ng	97
27) 2,4-Dimethylphenol	9.61	122	55608	46.99	ng	95
28) bis(2-Chloroethoxy)methane	9.84	93	65324	45.22	ng	96
29) 2,4-Dichlorophenol	10.08	162	53864	46.70	ng	96
30) 1,2,4-Trichlorobenzene	10.28	180	54960	40.52	ng	93
31) Naphthalene	10.47	128	165445	41.96	ng	99
32) Benzoic acid	9.61	122	55612	74.32	ng	# 12
33) 4-Chloroaniline	10.59	127	32520	18.59	ng	97
34) Hexachlorobutadiene	10.75	225	35209	39.89	ng	96
35) Caprolactam	11.36	113	9138	14.40	ng	88
36) 4-Chloro-3-methylphenol	11.75	107	69079	46.03	ng	92
37) 2-Methylnaphthalene	12.09	142	132229	43.63	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.47	216	68225	45.66	ng	95
40) Hexachlorocyclopentadiene	12.45	237	67349	76.69	ng	97

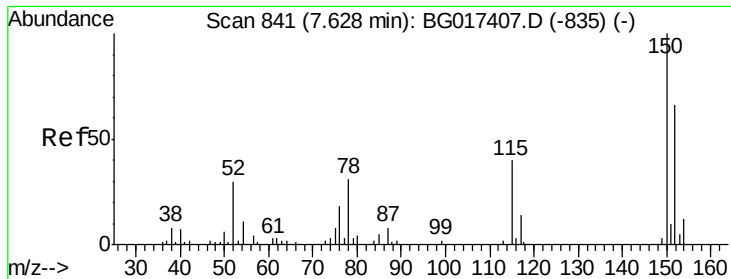
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060315\
 Data File : BG017429.D
 Acq On : 4 Jun 2015 5:42
 Operator : TP/IZ
 Sample : G2420-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Quant Time: Jun 04 07:03:16 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 04 06:50:36 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.72	196	49237	46.02	ng	98
43) 2,4,5-Trichlorophenol	12.81	196	52107	44.47	ng	92
45) 1,1'-Biphenyl	13.12	154	170104	47.40	ng	99
46) 2-Chloronaphthalene	13.16	162	138284	46.08	ng	95
47) 2-Nitroaniline	13.38	65	52712	47.57	ng	97
48) Acenaphthylene	14.01	152	228620	43.25	ng	98
49) Dimethylphthalate	13.76	163	220362	51.56	ng	99
50) 2,6-Dinitrotoluene	13.88	165	44870	46.73	ng	96
51) Acenaphthene	14.36	154	137110	44.00	ng	99
52) 3-Nitroaniline	14.21	138	29455	28.32	ng	# 94
53) 2,4-Dinitrophenol	14.42	184	29437	51.58	ng	95
54) Dibenzofuran	14.69	168	217376	47.28	ng	95
55) 4-Nitrophenol	14.56	139	73094	88.01	ng	94
56) 2,4-Dinitrotoluene	14.67	165	64414	47.09	ng	# 92
57) Fluorene	15.34	166	190119	45.61	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.93	232	48730	45.59	ng	98
59) Diethylphthalate	15.13	149	209743	45.21	ng	98
60) 4-Chlorophenyl-phenylether	15.34	204	101537	48.07	ng	95
61) 4-Nitroaniline	15.38	138	51701	45.15	ng	97
62) Azobenzene	15.63	77	208929	47.38	ng	97
64) 4,6-Dinitro-2-methylphenol	15.44	198	37544	40.68	ng	100
65) n-Nitrosodiphenylamine	15.56	169	166652	44.89	ng	97
66) 4-Bromophenyl-phenylether	16.24	248	63548	46.12	ng	97
67) Hexachlorobenzene	16.35	284	66990	45.22	ng	96
68) Atrazine	16.52	200	75017	45.91	ng	94
69) Pentachlorophenol	16.70	266	74496	82.01	ng	90
70) Phenanthrene	17.08	178	309895	44.65	ng	99
71) Anthracene	17.18	178	311632	44.94	ng	97
72) Carbazole	17.45	167	305191	44.58	ng	98
73) Di-n-butylphthalate	18.02	149	401250	45.77	ng	99
74) Fluoranthene	19.11	202	412086	45.40	ng	99
76) Benzidine	19.30	184	113342	22.07	ng	98
77) Pyrene	19.47	202	425125	46.19	ng	99
79) Butylbenzylphthalate	20.38	149	187033	46.96	ng	99
80) Benzo(a)anthracene	21.22	228	411063	44.74	ng	99
81) 3,3'-Dichlorobenzidine	21.16	252	84211	24.53	ng	98
82) Chrysene	21.27	228	386587	46.46	ng	98
83) Bis(2-ethylhexyl)phthalate	21.15	149	265423	46.22	ng	99
84) Di-n-octyl phthalate	22.02	149	445218	46.24	ng	100
85) Indeno(1,2,3-cd)pyrene	25.75	276	450927	43.16	ng	98
87) Benzo(b)fluoranthene	22.80	252	422489	44.55	ng	98
88) Benzo(k)fluoranthene	22.84	252	378352	41.69	ng	99
89) Benzo(a)pyrene	23.38	252	390272	44.87	ng	99
90) Dibenzo(a,h)anthracene	25.76	278	385349	42.64	ng	98
91) Benzo(g,h,i)perylene	26.45	276	370390	43.06	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.62 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

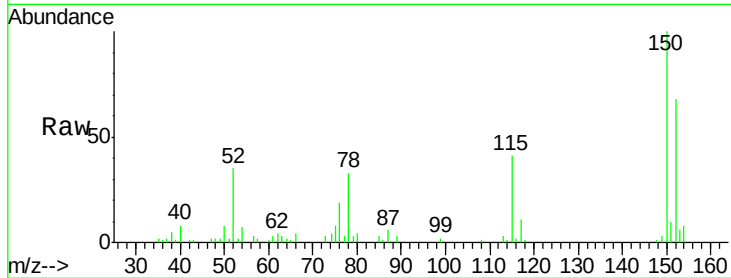
Tgt Ion:152 Resp: 17249

Ion Ratio Lower Upper

152 100

150 147.5 121.7 182.5

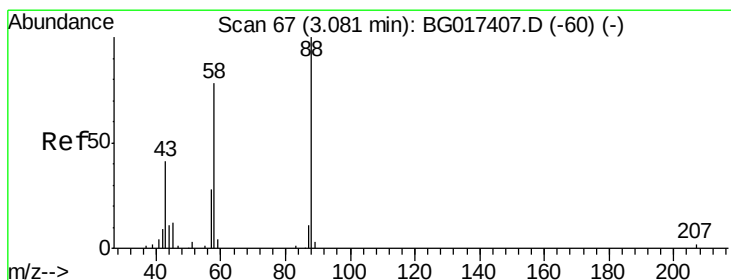
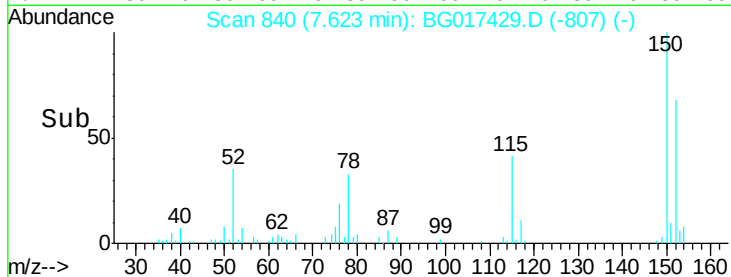
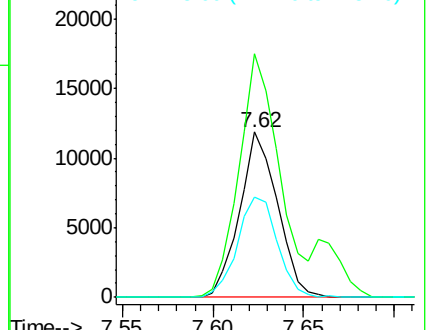
115 61.0 48.6 73.0



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: 30.05 ng

RT: 3.08 min Scan# 66

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

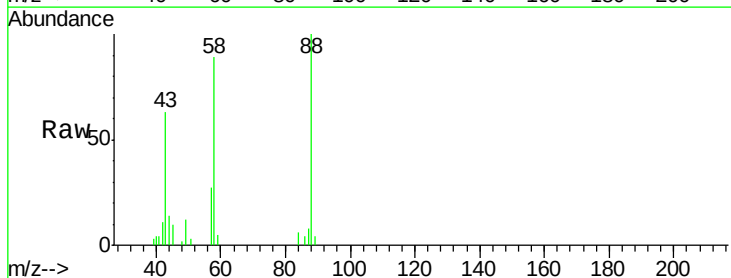
Tgt Ion: 88 Resp: 13240

Ion Ratio Lower Upper

88 100

58 84.6 59.0 88.6

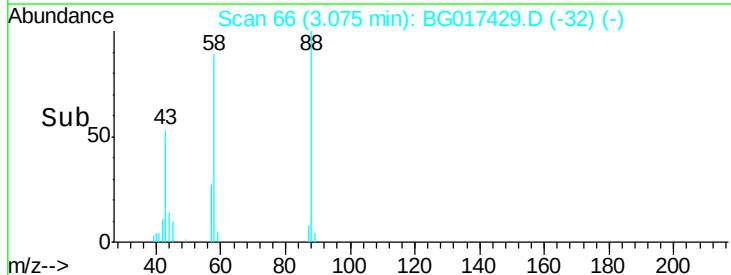
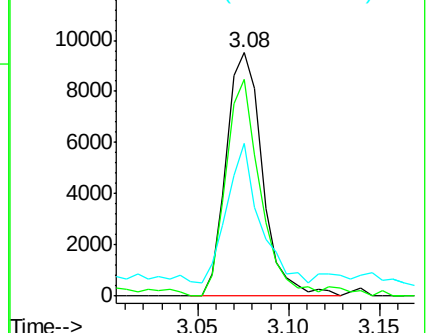
43 50.8 34.5 51.7

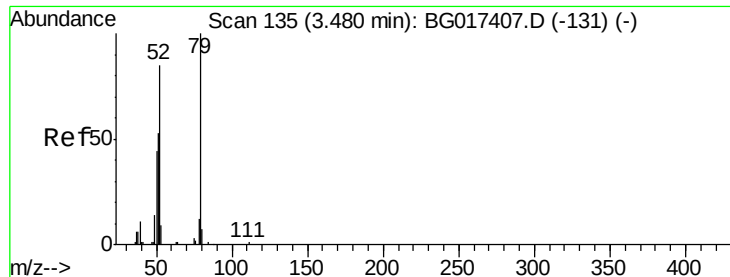


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 30.13 ng

RT: 3.47 min Scan# 134

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

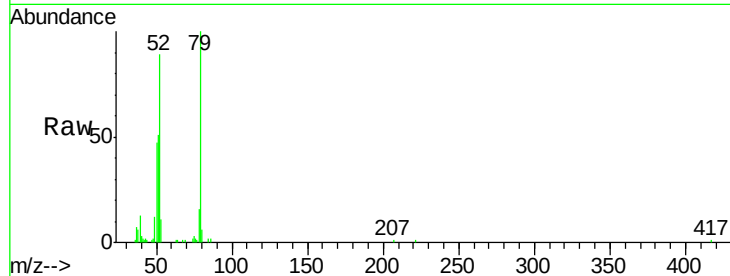
Tgt Ion: 79 Resp: 35462

Ion Ratio Lower Upper

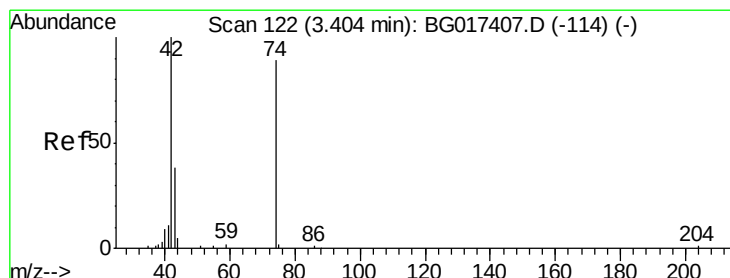
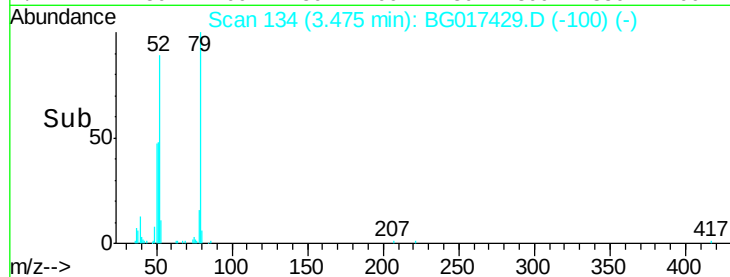
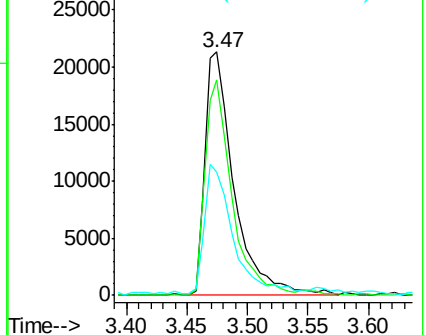
79 100

52 88.6 68.3 102.5

51 50.9 45.0 67.4



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 45.71 ng

RT: 3.40 min Scan# 121

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

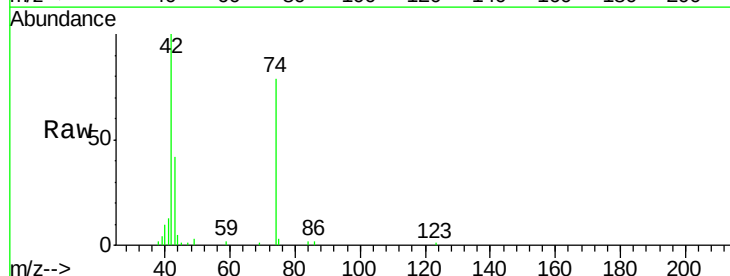
Tgt Ion: 42 Resp: 35261

Ion Ratio Lower Upper

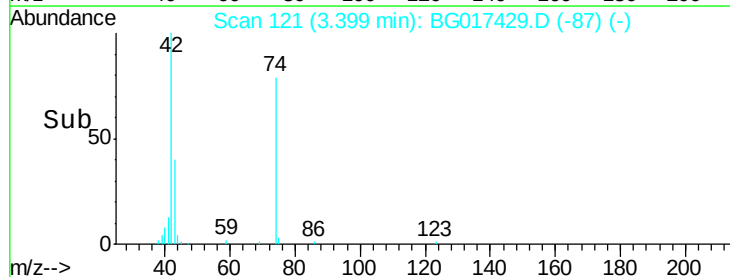
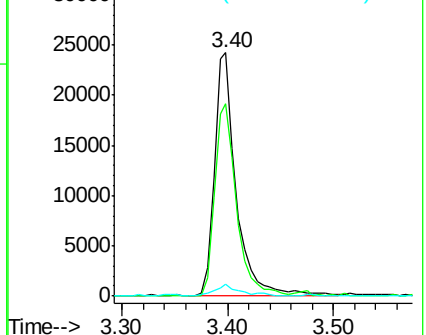
42 100

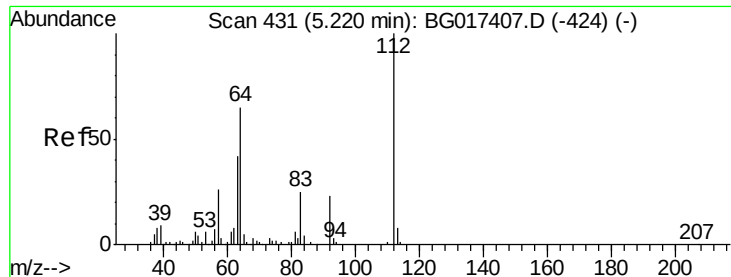
74 79.0 71.4 107.2

44 4.7 4.5 6.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 148.88 ng

RT: 5.22 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

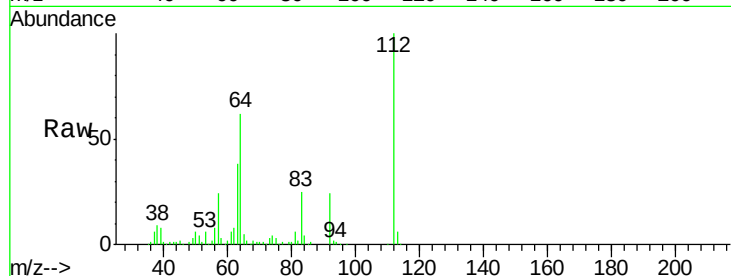
Tgt Ion: 112 Resp: 145758

Ion Ratio Lower Upper

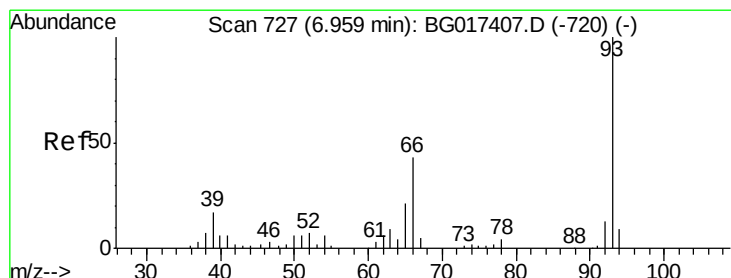
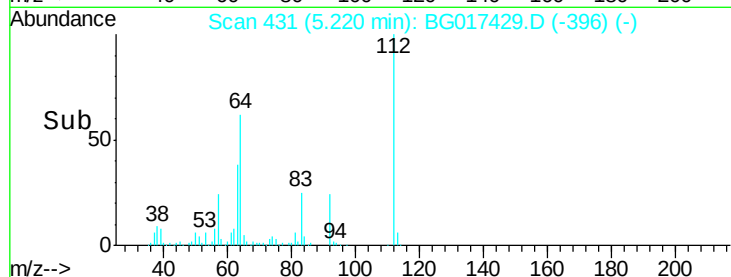
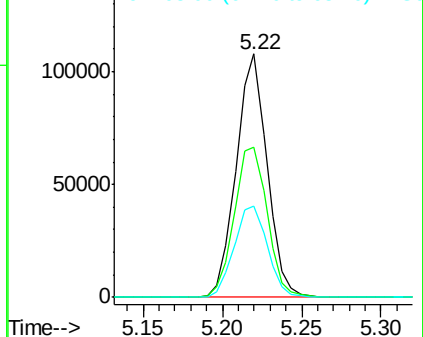
112 100

64 61.7 51.6 77.4

63 37.5 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: 24.12 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

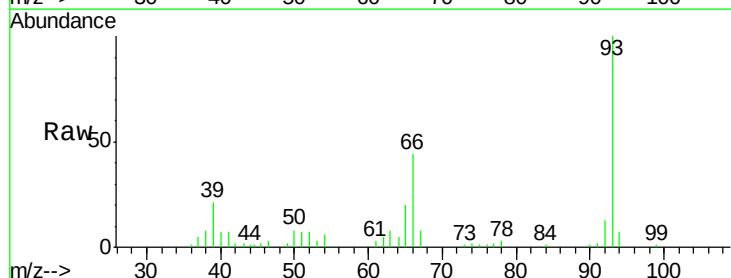
Tgt Ion: 93 Resp: 43195

Ion Ratio Lower Upper

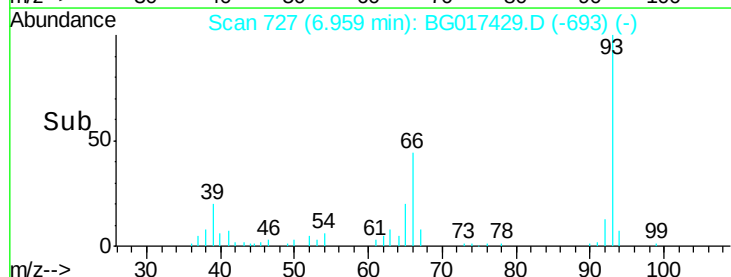
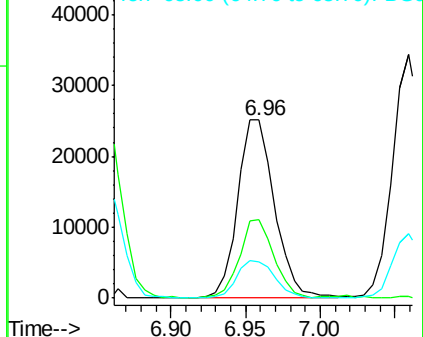
93 100

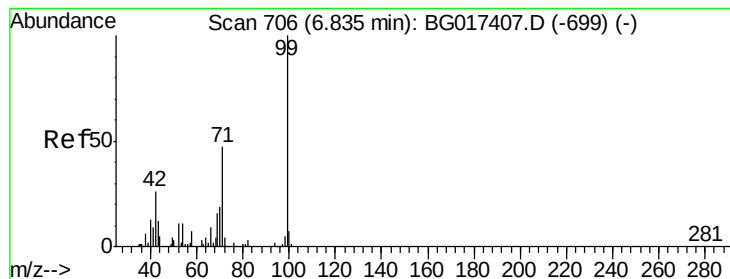
66 44.1 34.3 51.5

65 20.1 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: 149.57 ng

RT: 6.83 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

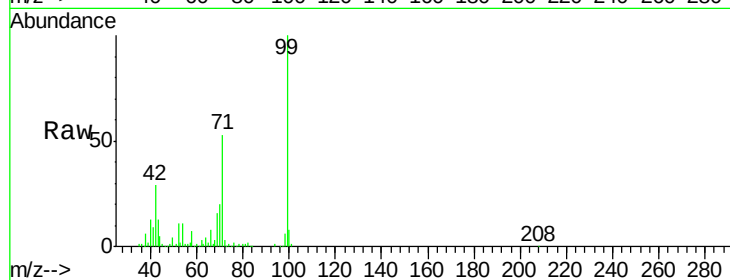
Tgt Ion: 99 Resp: 199493

Ion Ratio Lower Upper

99 100

42 28.9 21.0 31.6

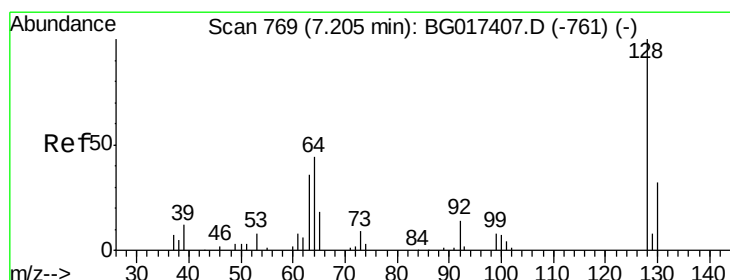
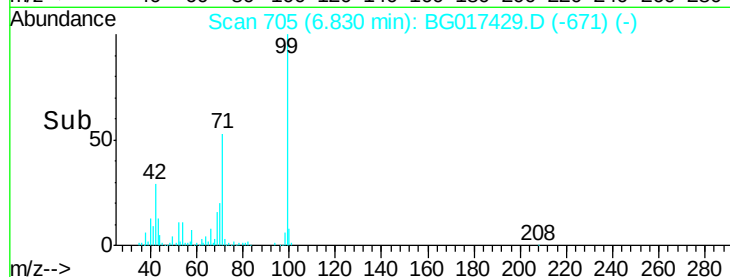
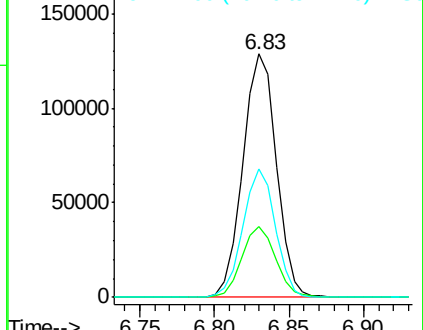
71 52.9 37.2 55.8



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.27 ng

RT: 7.20 min Scan# 768

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

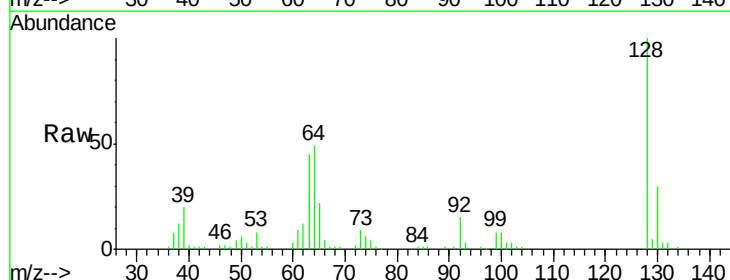
Tgt Ion: 128 Resp: 53571

Ion Ratio Lower Upper

128 100

130 29.8 11.7 51.7

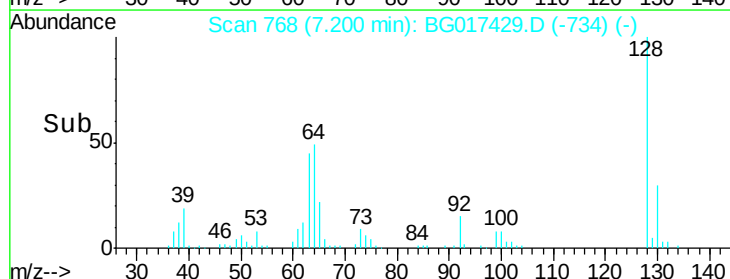
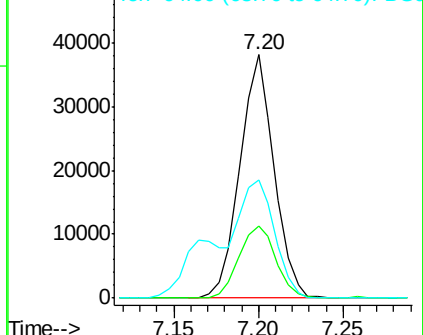
64 48.8 32.5 72.5

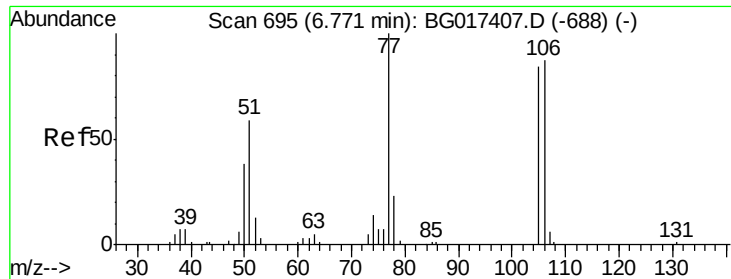


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.48 ng

RT: 6.77 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

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PENRD8.1(4)MS

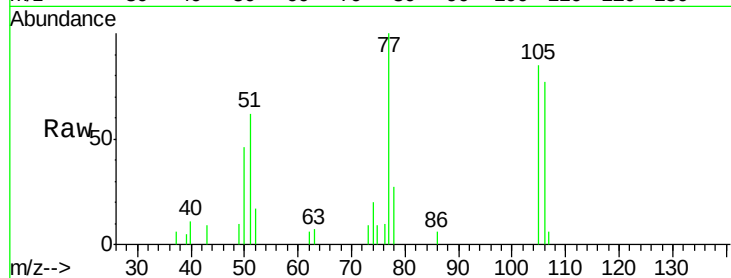
Tgt Ion: 77 Resp: 5863

Ion Ratio Lower Upper

77 100

105 84.7 64.0 104.0

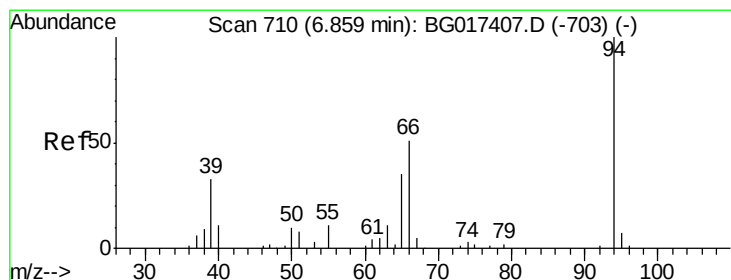
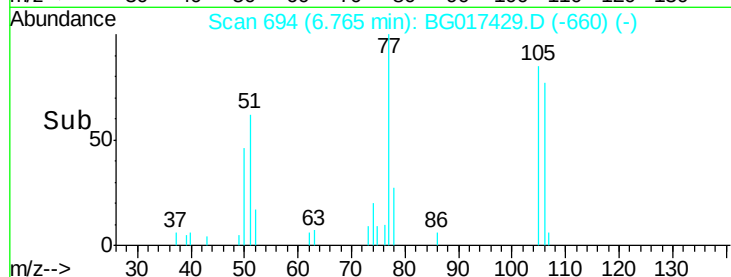
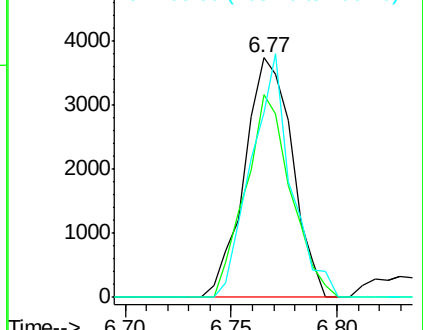
106 77.1 67.2 107.2



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: 51.11 ng

RT: 6.86 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

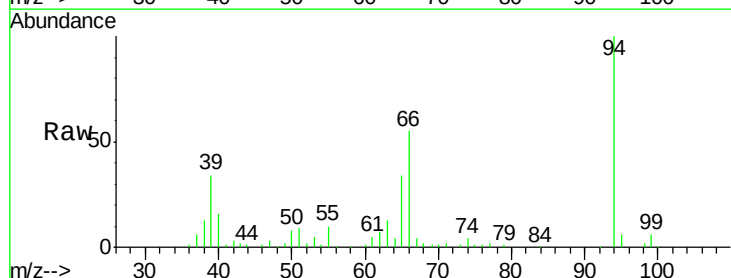
Tgt Ion: 94 Resp: 70019

Ion Ratio Lower Upper

94 100

65 33.9 15.9 55.9

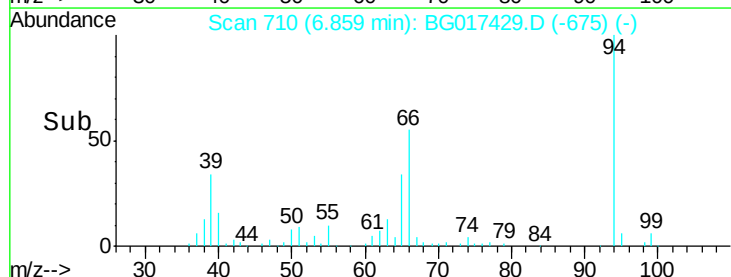
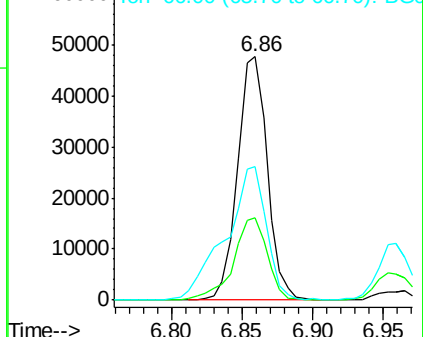
66 54.9 34.9 74.9

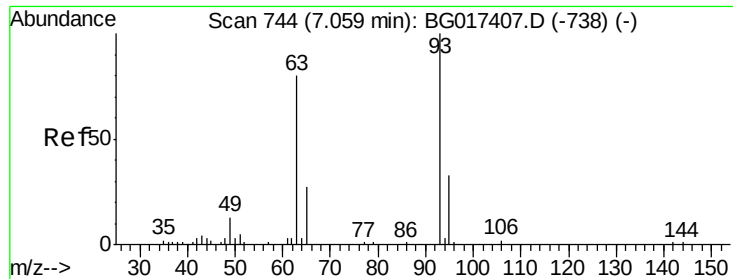


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 47.50 ng

RT: 7.06 min Scan# 744

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

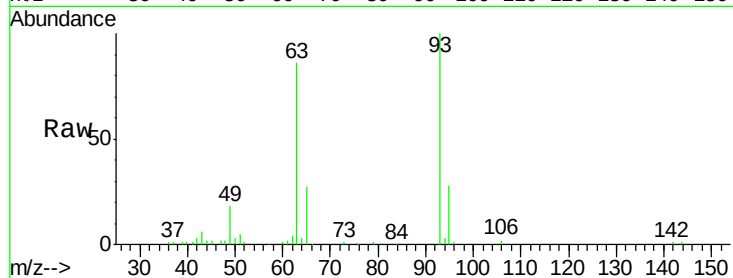
Tgt Ion: 93 Resp: 49583

Ion Ratio Lower Upper

93 100

63 85.7 59.7 99.7

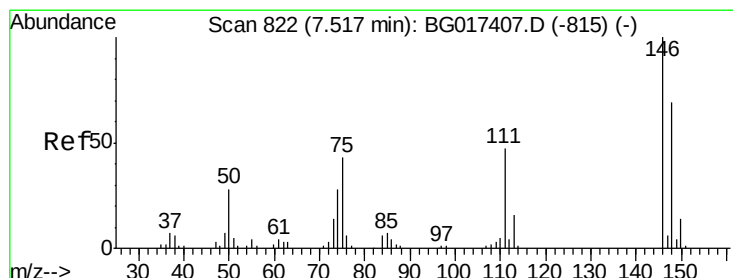
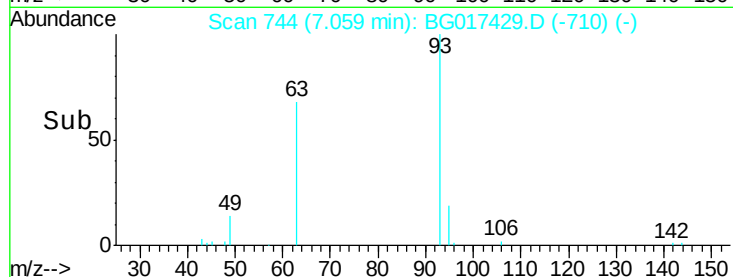
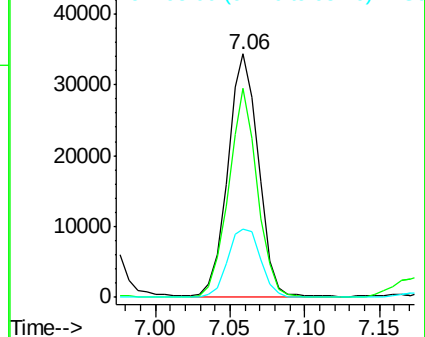
95 28.0 13.2 53.2



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: 40.11 ng

RT: 7.51 min Scan# 821

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

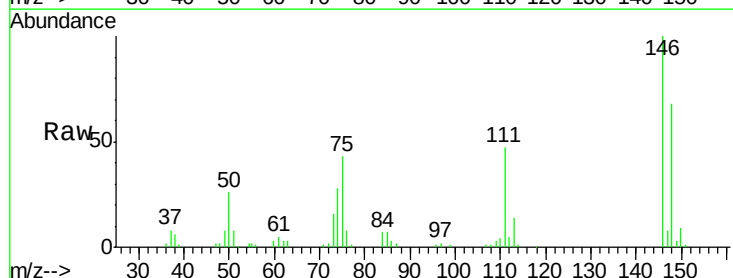
Tgt Ion: 146 Resp: 51917

Ion Ratio Lower Upper

146 100

148 67.6 55.2 82.8

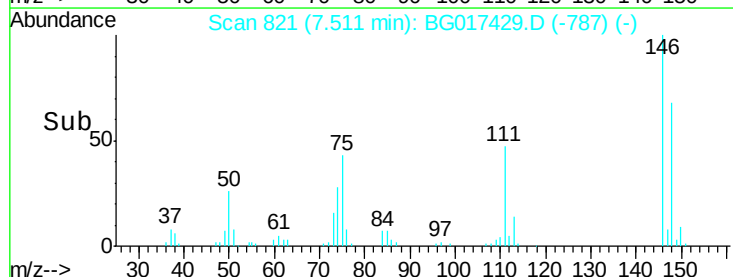
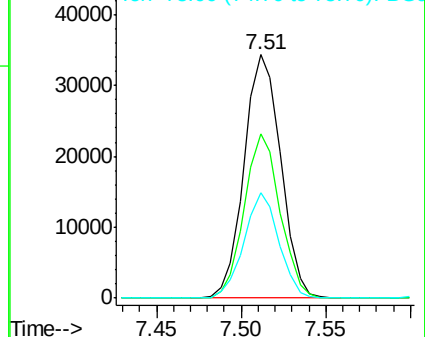
75 43.4 34.1 51.1

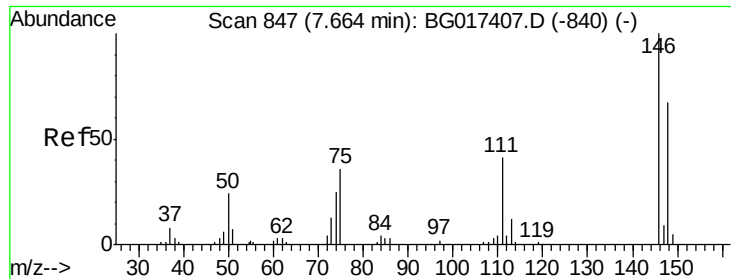


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

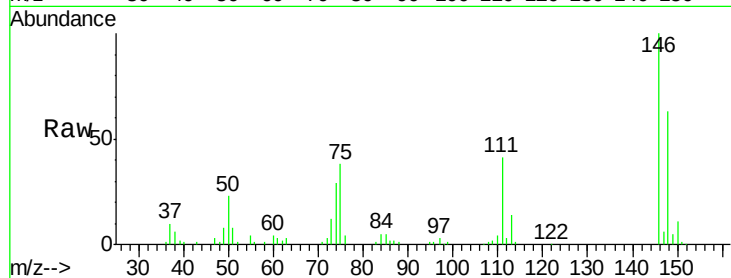




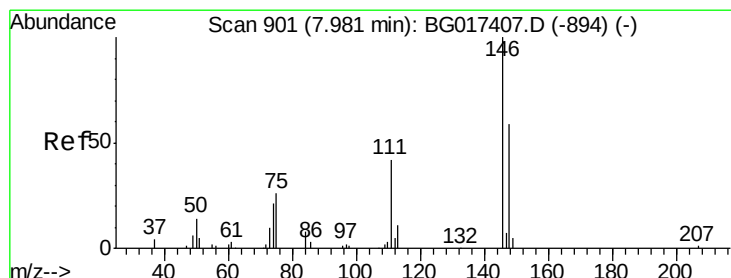
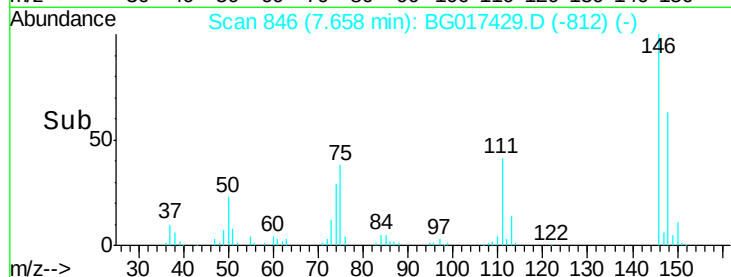
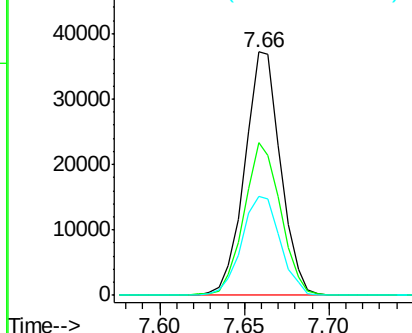
#13
 1,4-Dichlorobenzene
 Concen: 40.49 ng
 RT: 7.66 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion:146 Resp: 54919
 Ion Ratio Lower Upper
 146 100
 148 62.7 53.2 79.8
 111 40.8 33.2 49.8

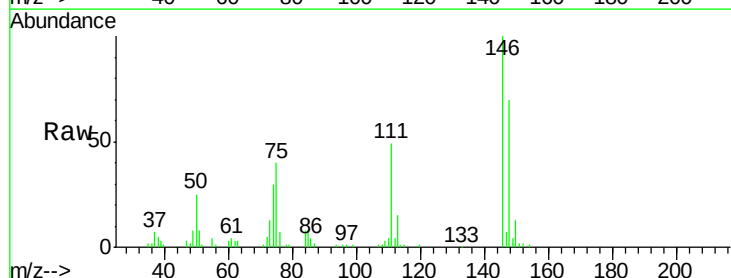


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

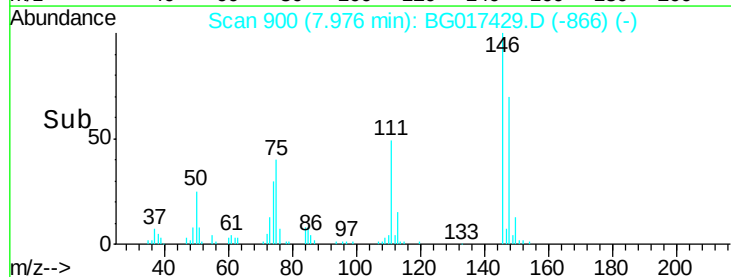
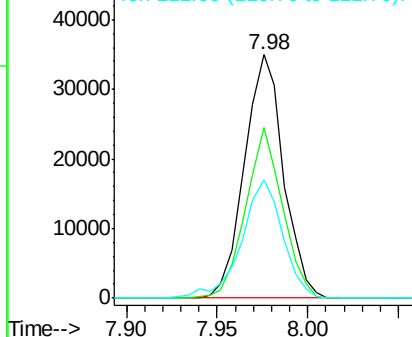


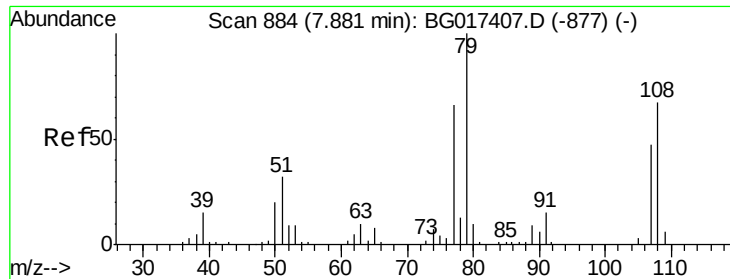
#14
 1,2-Dichlorobenzene
 Concen: 41.11 ng
 RT: 7.98 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:146 Resp: 52202
 Ion Ratio Lower Upper
 146 100
 148 69.9 46.9 70.3
 111 48.6 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

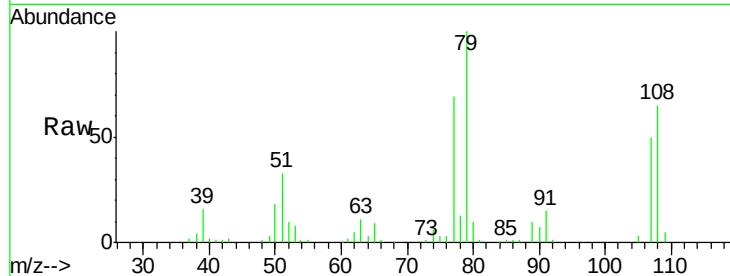




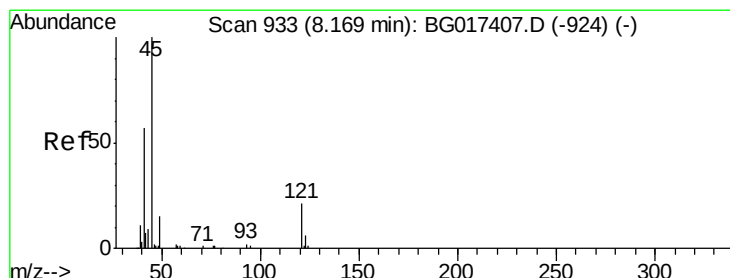
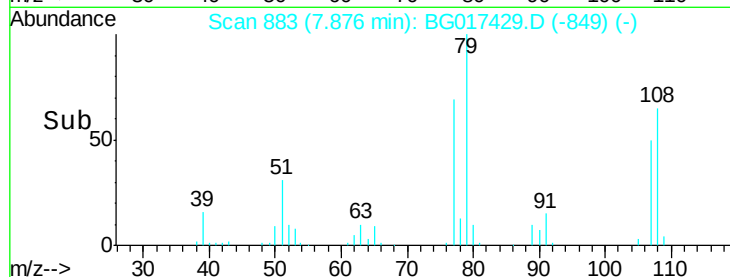
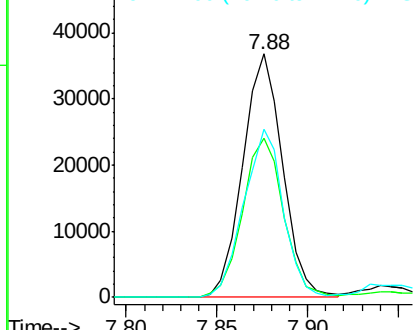
#15
Benzyl Alcohol
Concen: 45.13 ng
RT: 7.88 min Scan# 883
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion: 79 Resp: 56046
Ion Ratio Lower Upper
79 100
108 65.5 53.7 80.5
77 68.8 53.0 79.4

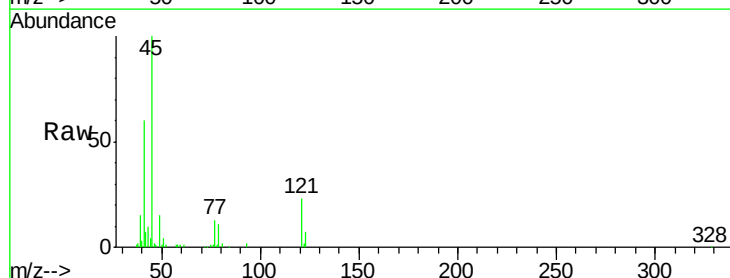


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

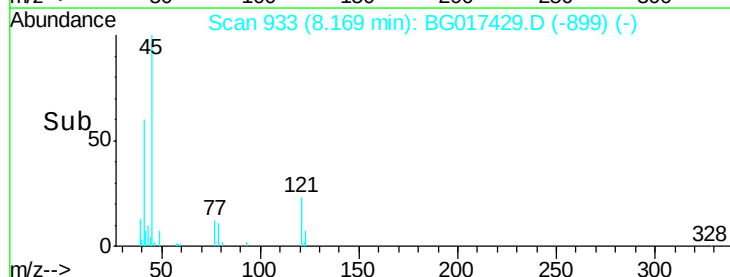
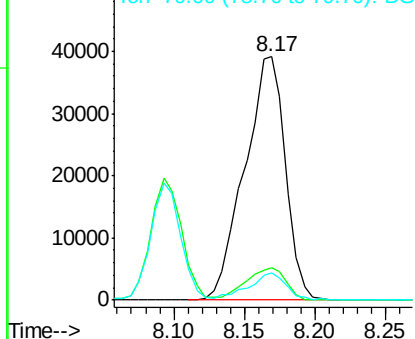


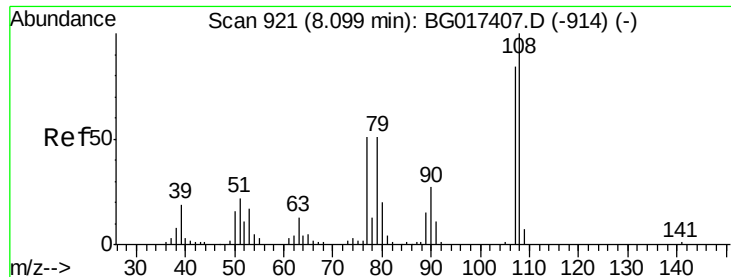
#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.91 ng
RT: 8.17 min Scan# 933
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion: 45 Resp: 79018
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.9
79 11.4 0.0 29.0



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

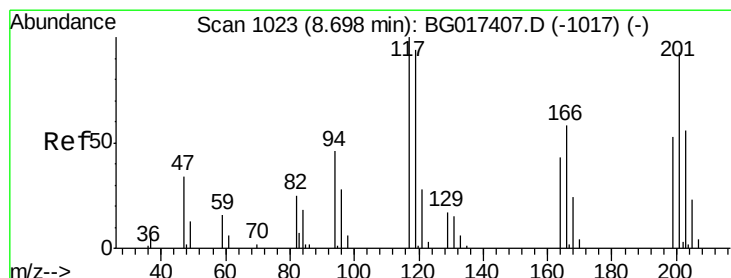
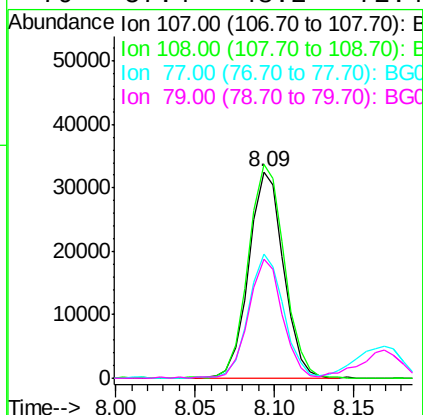
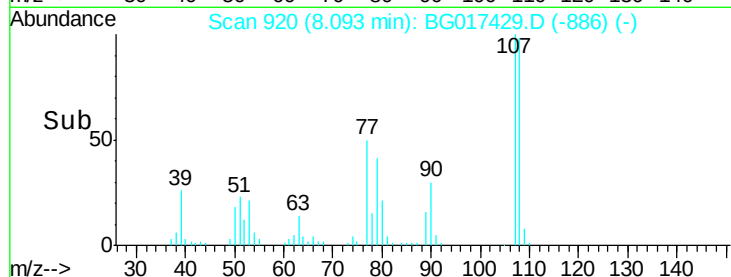
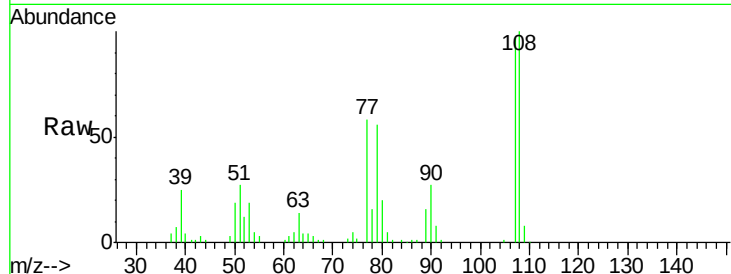




#17
2-Methylphenol
Concen: 47.49 ng
RT: 8.09 min Scan# 920
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

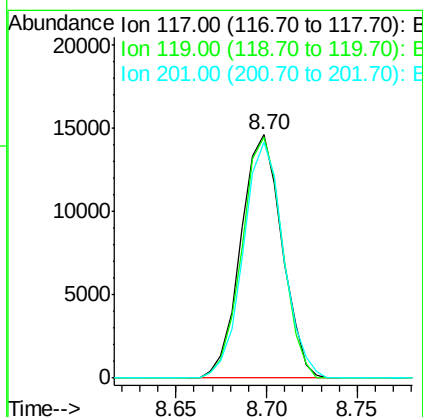
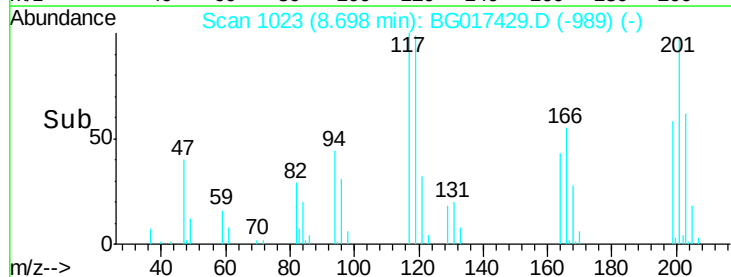
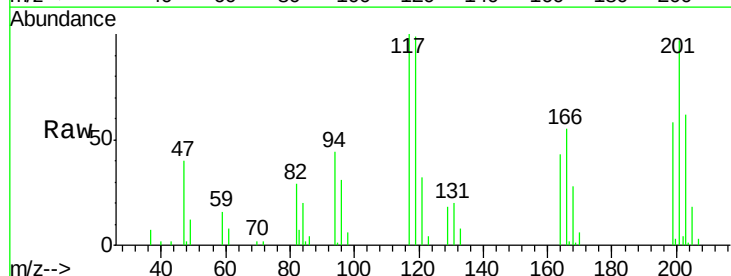
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

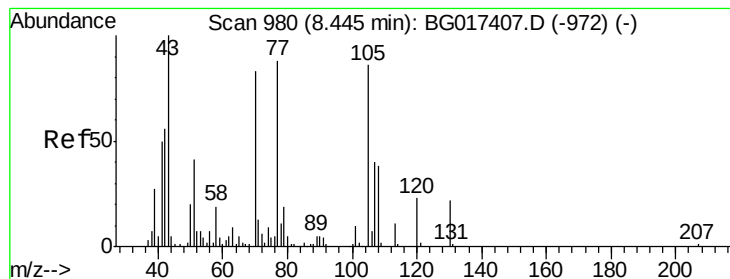
Tgt Ion	Ratio	Lower	Upper
107	100		
108	103.4	95.4	143.0
77	60.3	48.8	73.2
79	57.4	48.2	72.4



#18
Hexachloroethane
Concen: 42.60 ng
RT: 8.70 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.0	112.4
201	97.1	74.2	111.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.47 ng

RT: 8.43 min Scan# 978

Delta R.T. -0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

Tgt Ion: 70 Resp: 47927

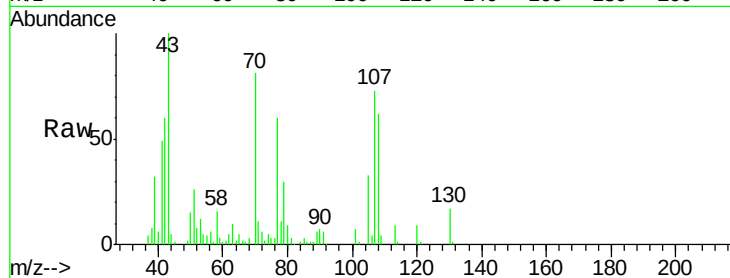
Ion Ratio Lower Upper

70 100

42 74.4 53.8 80.8

101 9.3 9.5 14.3#

130 21.7 21.2 31.8

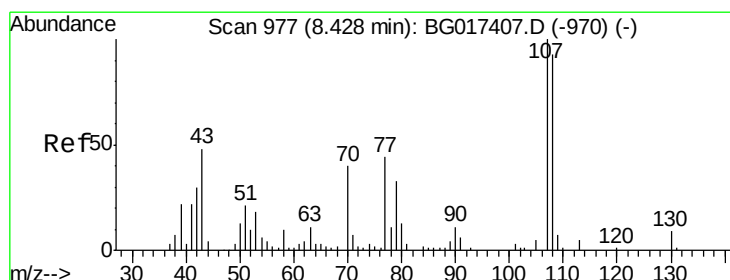
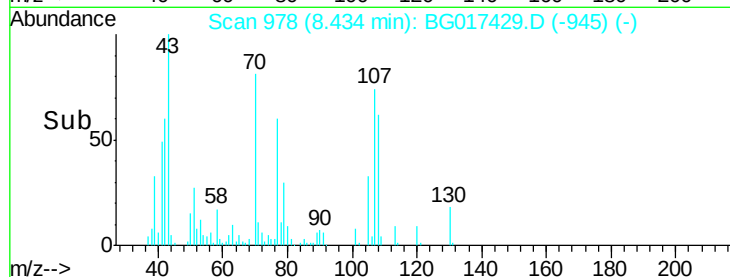
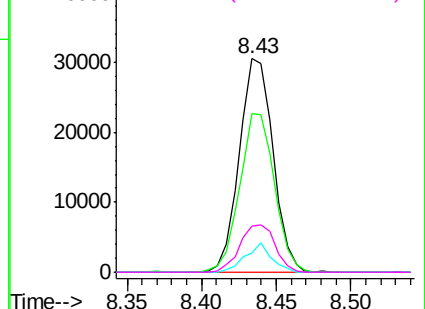


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 46.07 ng

RT: 8.42 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion: 107 Resp: 66258

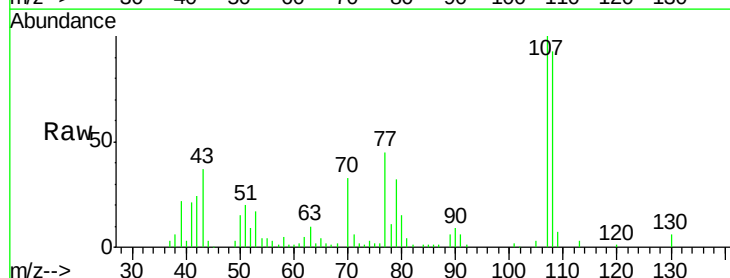
Ion Ratio Lower Upper

107 100

108 93.3 73.0 113.0

77 44.8 23.9 63.9

79 32.0 13.4 53.4

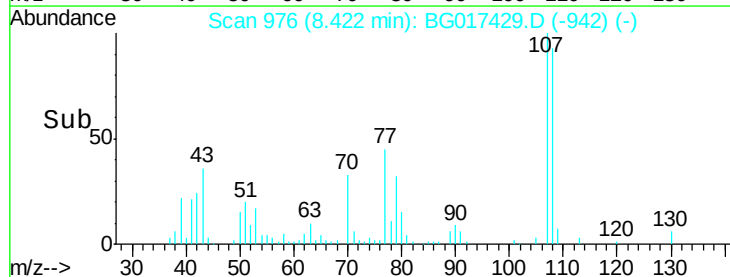
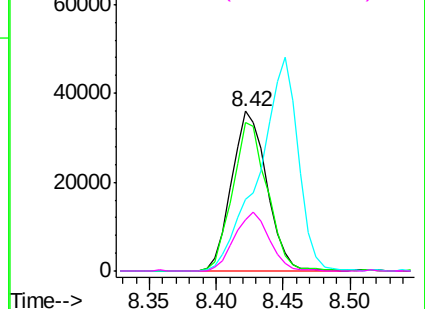


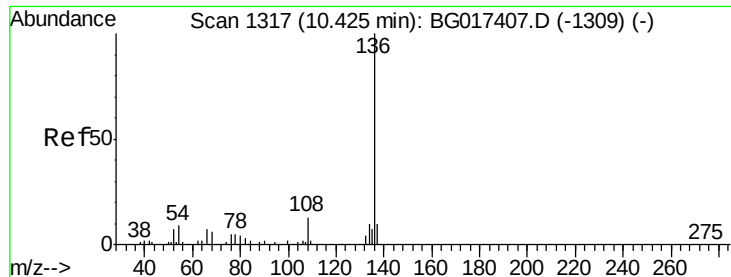
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

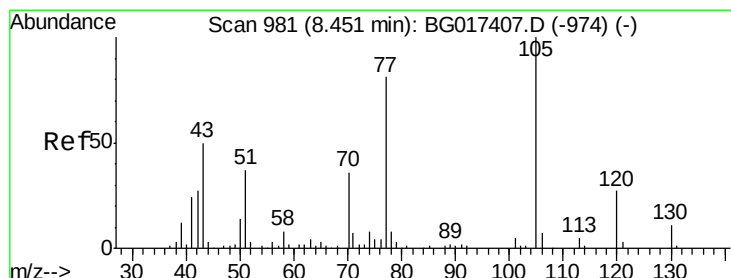
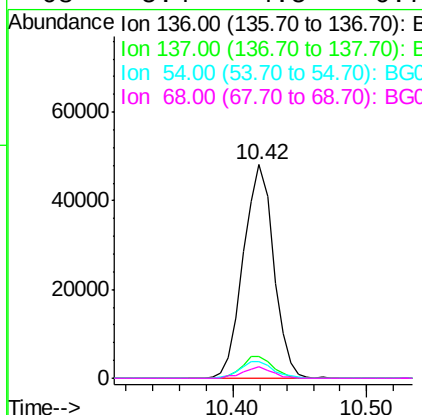
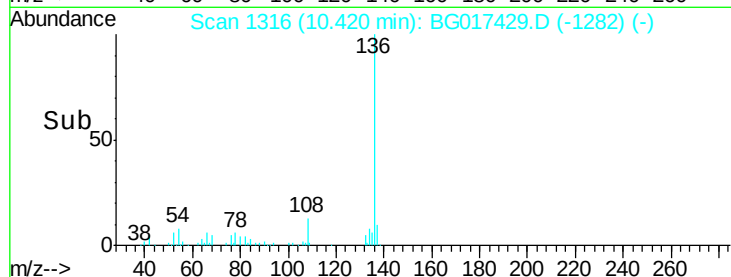
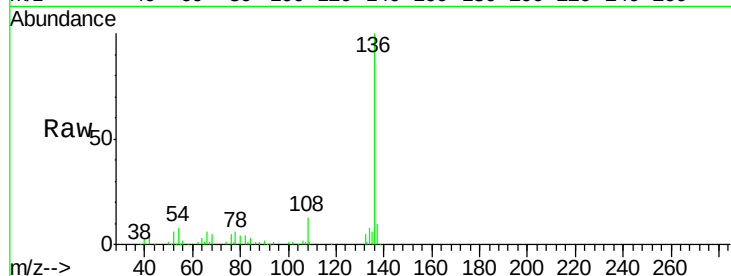




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

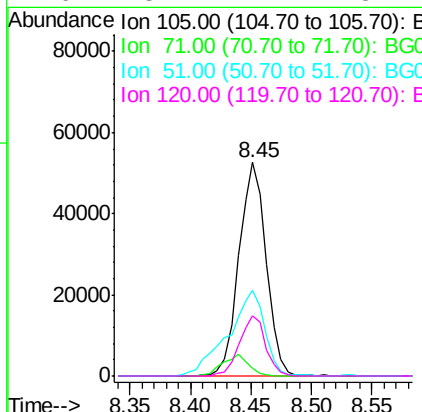
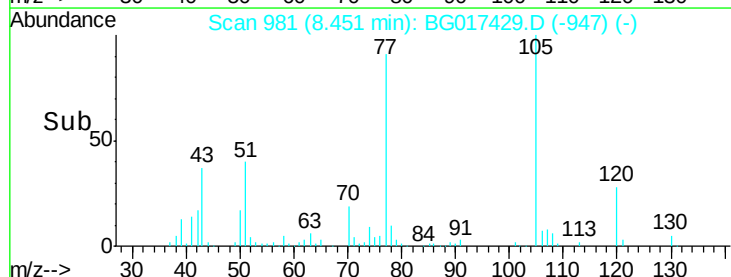
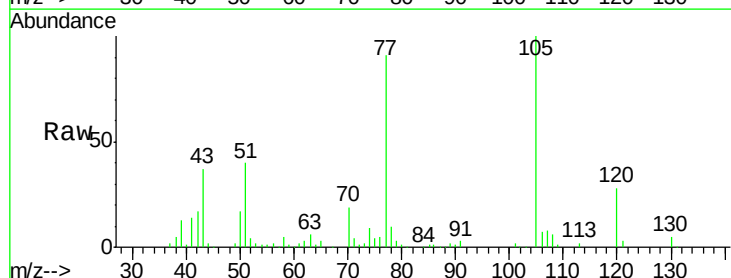
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

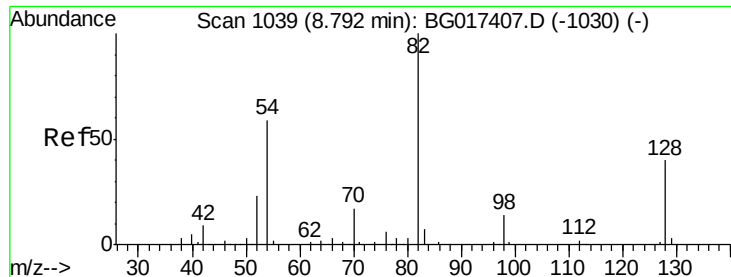
Tgt Ion:	136	Resp:	75468
Ion	Ratio	Lower	Upper
136	100		
137	10.1	7.9	11.9
54	7.8	7.2	10.8
68	5.4	4.5	6.7



#22
Acetophenone
Concen: 44.66 ng
RT: 8.45 min Scan# 981
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:	105	Resp:	82610
Ion	Ratio	Lower	Upper
105	100		
71	3.5	5.3	7.9#
51	40.0	32.4	48.6
120	28.1	21.4	32.2

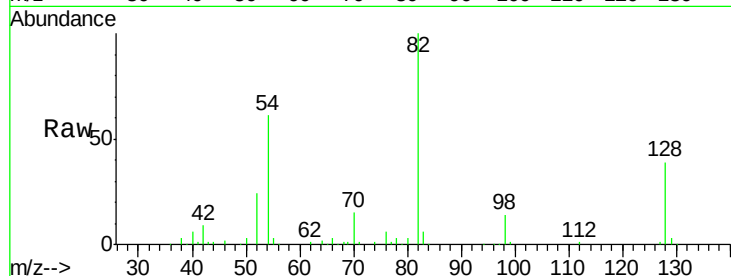




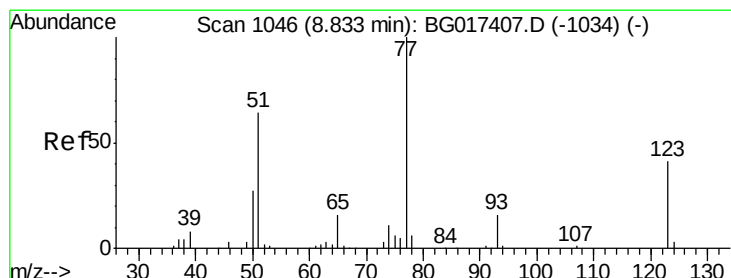
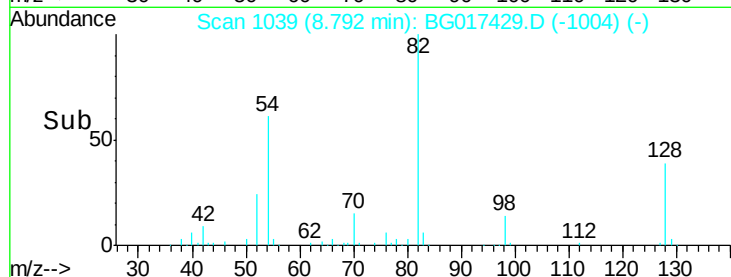
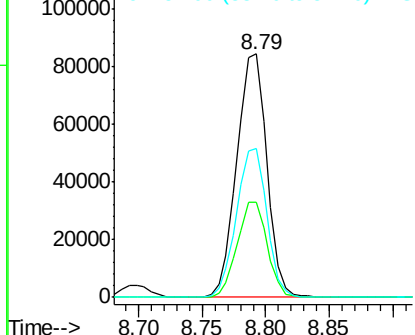
#23
 Nitrobenzene-d5
 Concen: 92.27 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. 0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion: 82 Resp: 139493
 Ion Ratio Lower Upper
 82 100
 128 39.0 32.2 48.4
 54 61.1 47.4 71.2

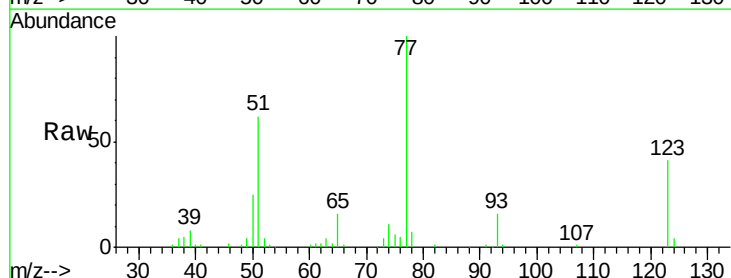


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

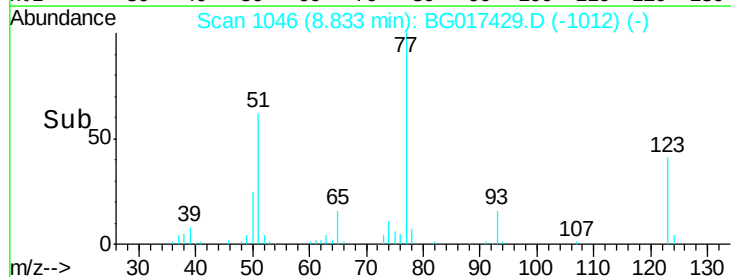
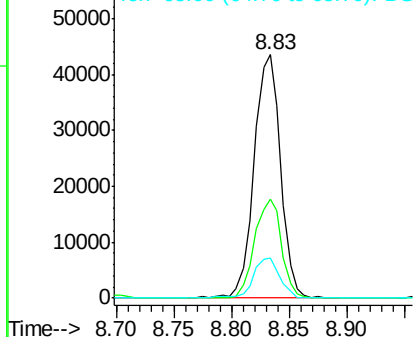


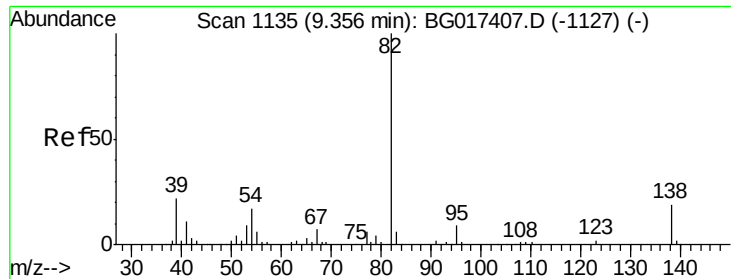
#24
 Nitrobenzene
 Concen: 44.39 ng
 RT: 8.83 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion: 77 Resp: 69666
 Ion Ratio Lower Upper
 77 100
 123 40.6 32.6 49.0
 65 16.3 12.8 19.2



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.83 ng

RT: 9.35 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

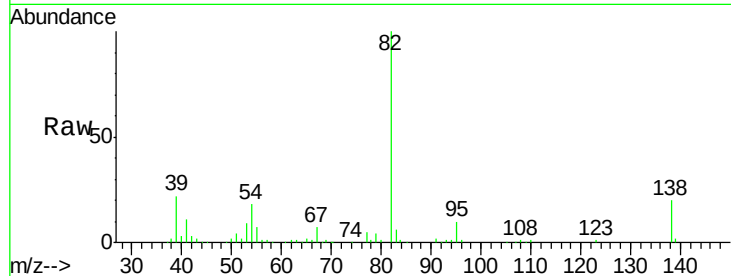
Tgt Ion: 82 Resp: 129109

Ion Ratio Lower Upper

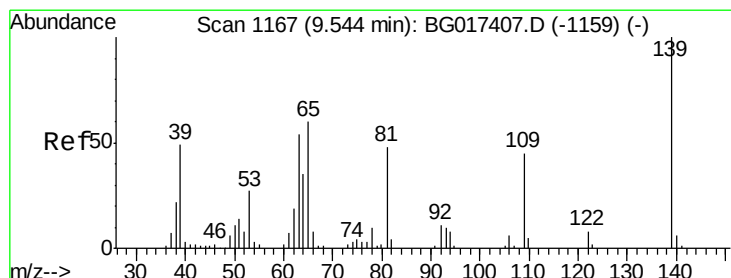
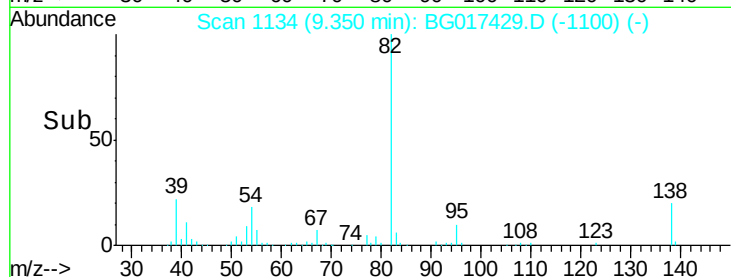
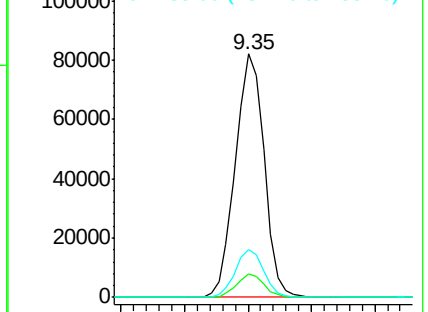
82 100

95 9.5 7.1 10.7

138 19.5 15.5 23.3



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



#26

2-Nitrophenol

Concen: 44.75 ng

RT: 9.54 min Scan# 1166

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

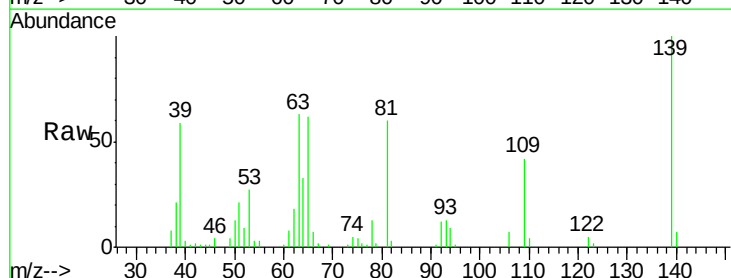
Tgt Ion: 139 Resp: 32574

Ion Ratio Lower Upper

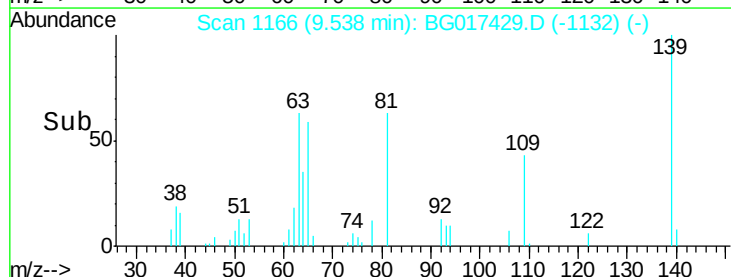
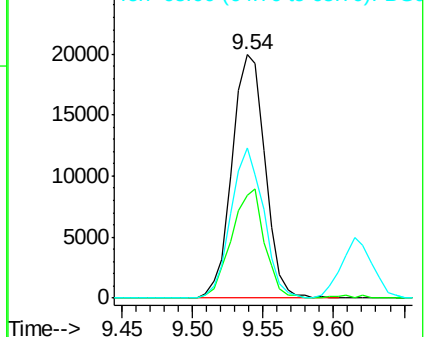
139 100

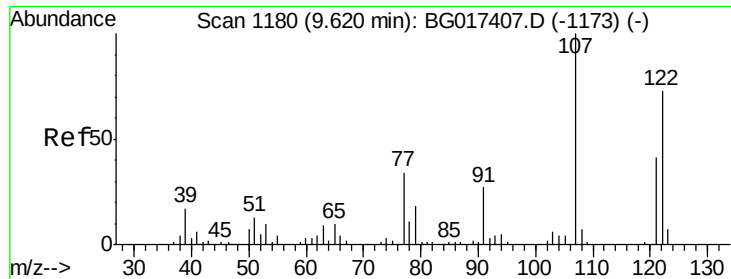
109 42.3 35.7 53.5

65 61.8 48.3 72.5



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

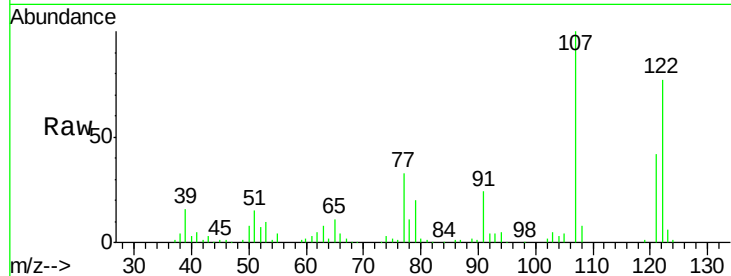




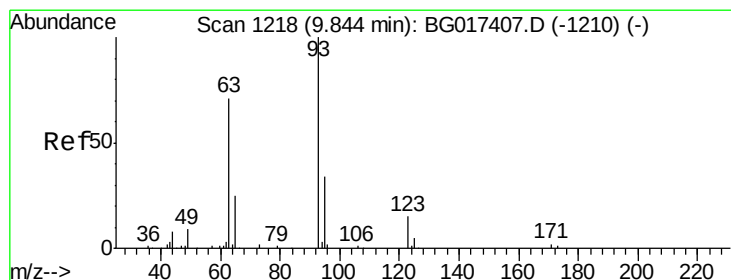
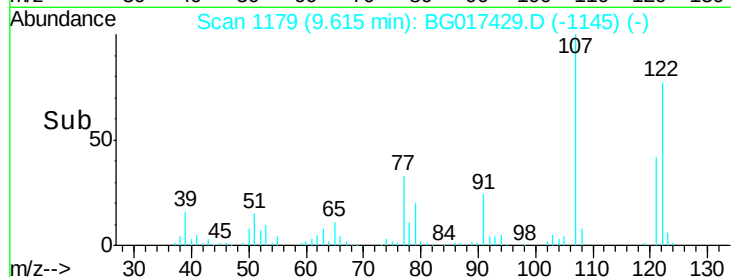
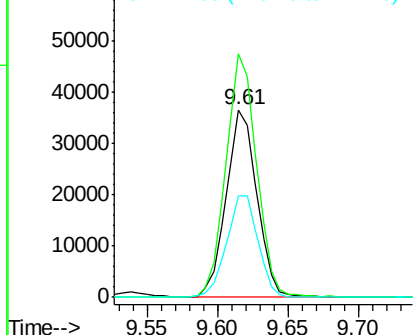
#27
 2,4-Dimethylphenol
 Concen: 46.99 ng
 RT: 9.61 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion:122 Resp: 55608
 Ion Ratio Lower Upper
 122 100
 107 129.9 109.2 163.8
 121 54.0 44.3 66.5

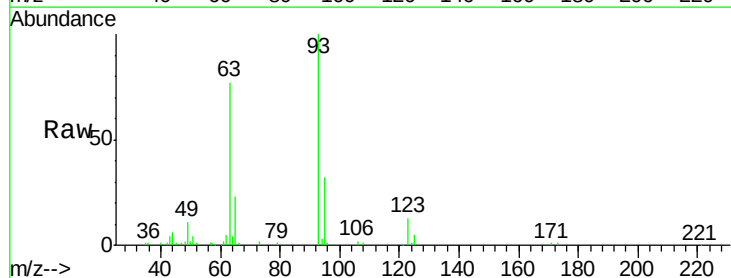


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

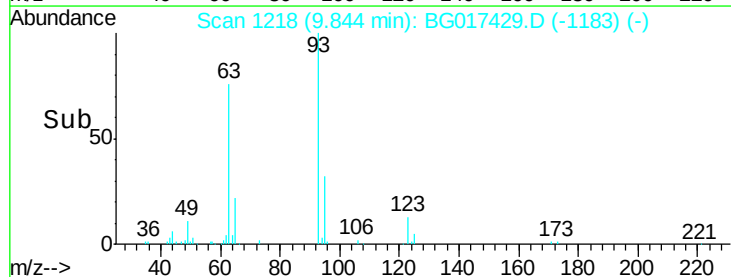
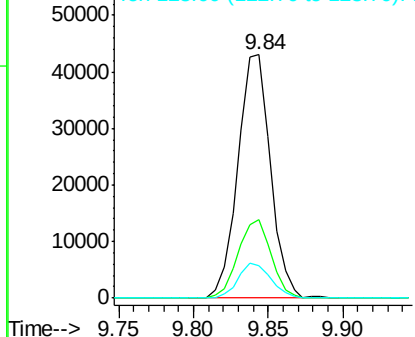


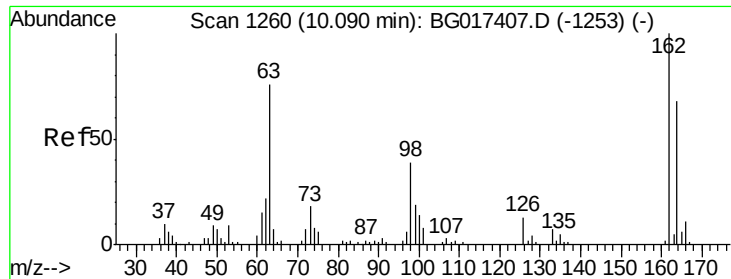
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.22 ng
 RT: 9.84 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion: 93 Resp: 65324
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.0 40.6
 123 13.1 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: 46.70 ng

RT: 10.08 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

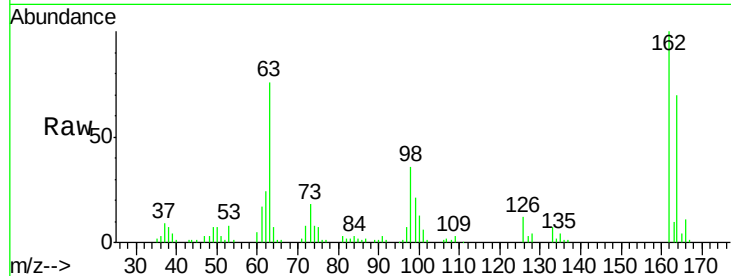
Tgt Ion:162 Resp: 53864

Ion Ratio Lower Upper

162 100

164 70.3 48.0 88.0

98 35.7 18.9 58.9

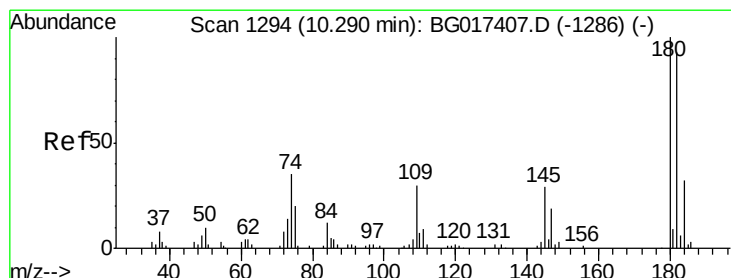
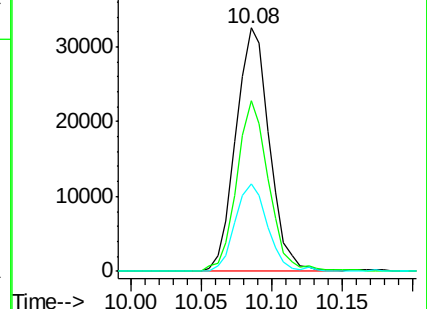
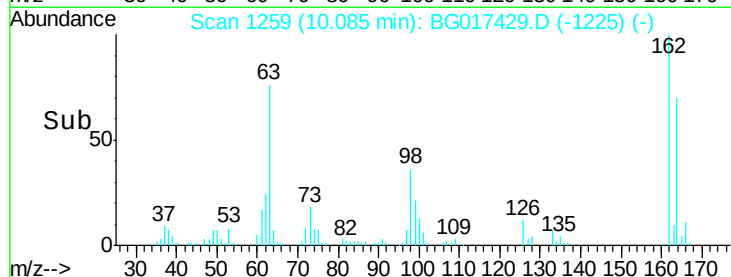


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 40.52 ng

RT: 10.28 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

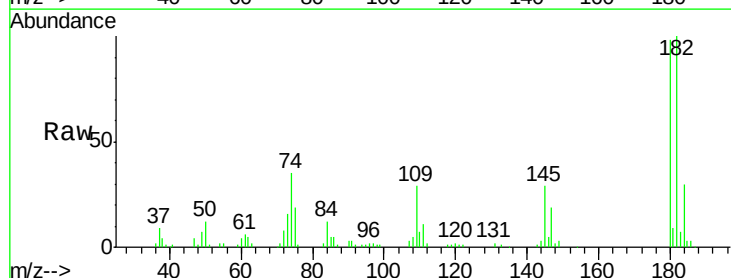
Tgt Ion:180 Resp: 54960

Ion Ratio Lower Upper

180 100

182 102.3 74.5 111.7

145 29.5 23.5 35.3

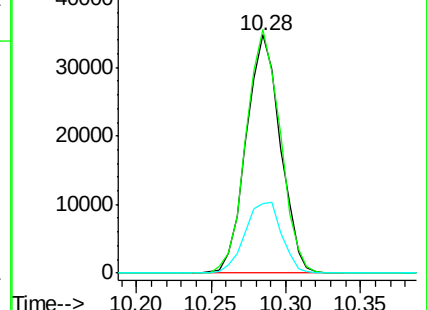
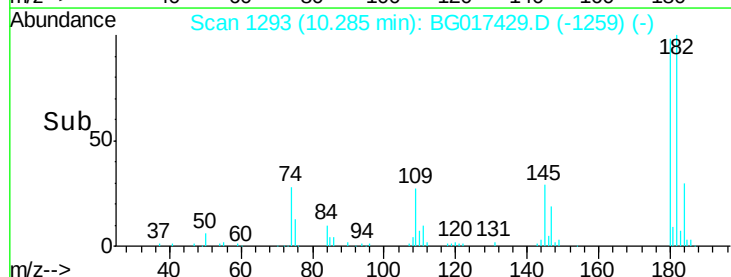


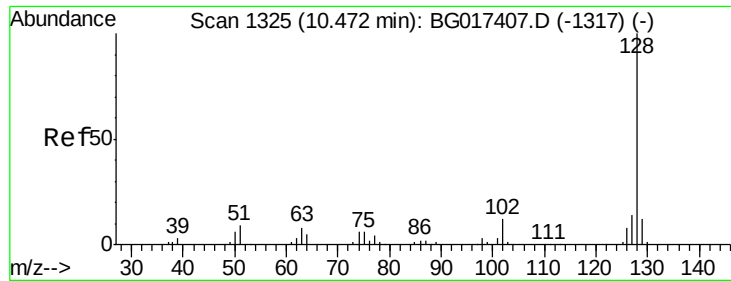
Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

Time-->

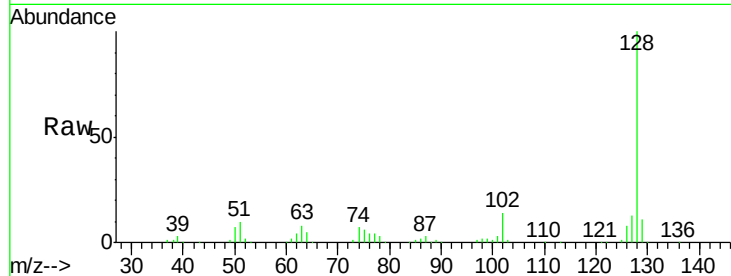




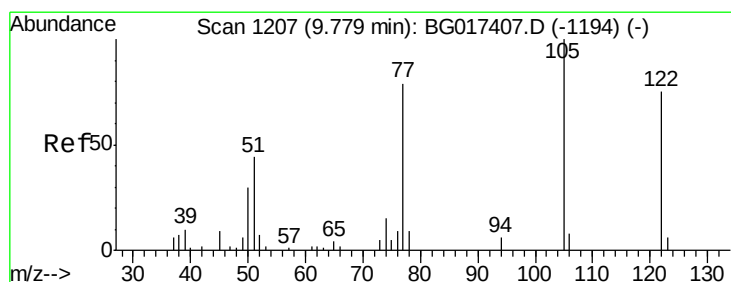
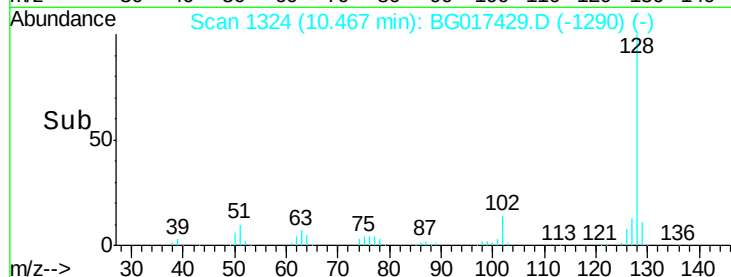
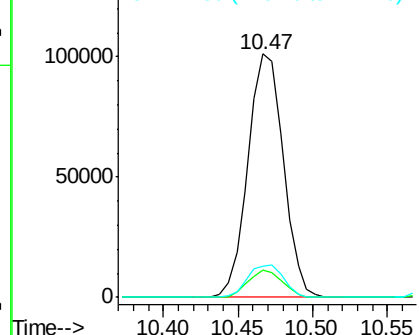
#31
Naphthalene
Concen: 41.96 ng
RT: 10.47 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion:128 Resp: 165445
Ion Ratio Lower Upper
128 100
129 11.3 9.2 13.8
127 12.8 10.9 16.3

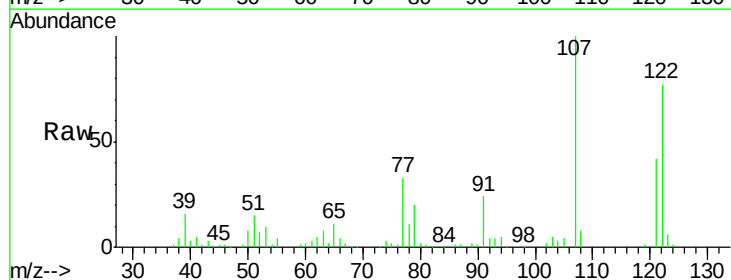


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

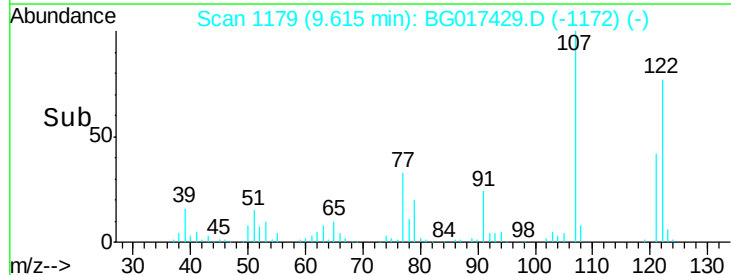
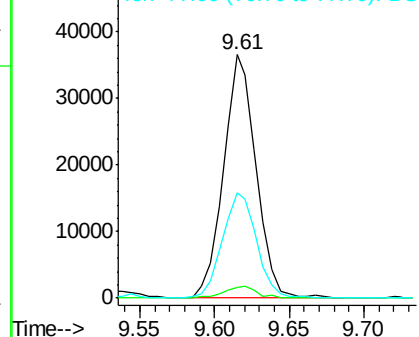


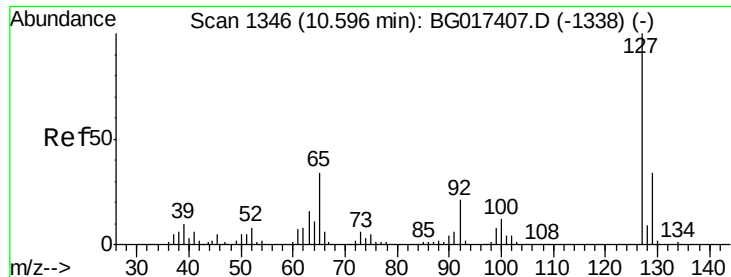
#32
Benzoic acid
Concen: 74.32 ng
RT: 9.61 min Scan# 1179
Delta R.T. -0.16 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:122 Resp: 55612
Ion Ratio Lower Upper
122 100
105 4.5 113.5 153.5#
77 43.1 85.2 125.2#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

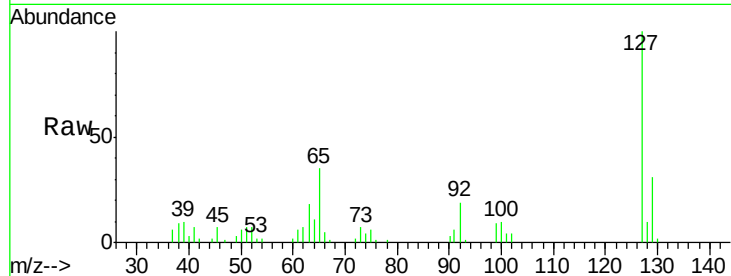




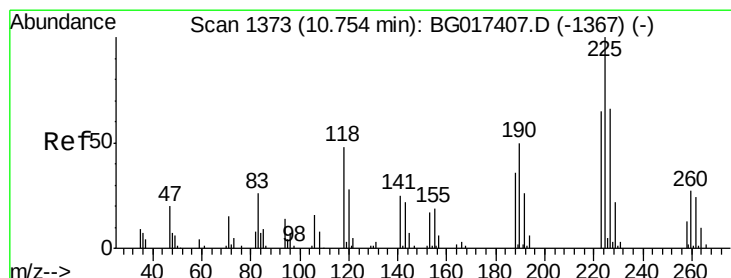
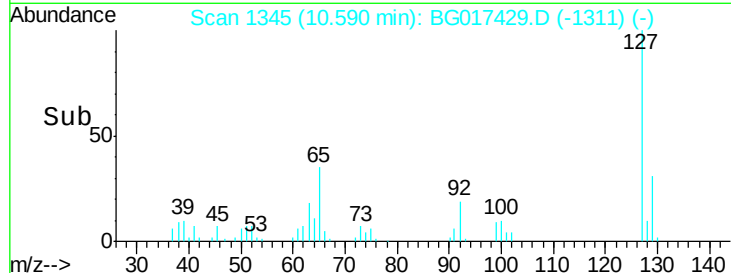
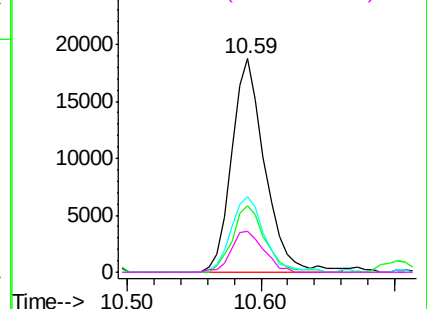
#33
4-Chloroaniline
Concen: 18.59 ng
RT: 10.59 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

Tgt Ion:127 Resp: 32520
Ion Ratio Lower Upper
127 100
129 31.5 27.1 40.7
65 35.4 27.6 41.4
92 19.2 16.7 25.1

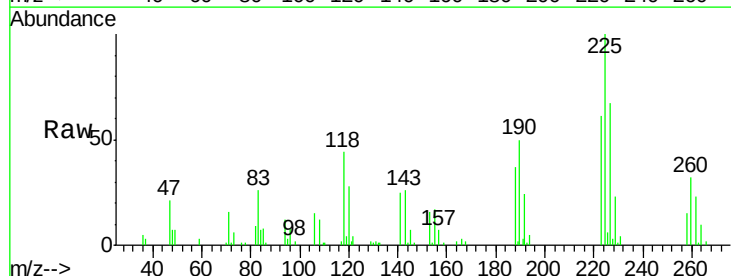


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

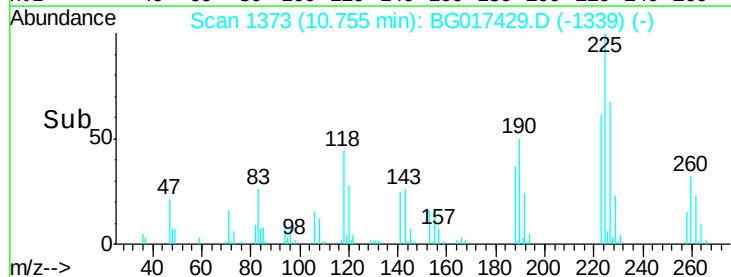
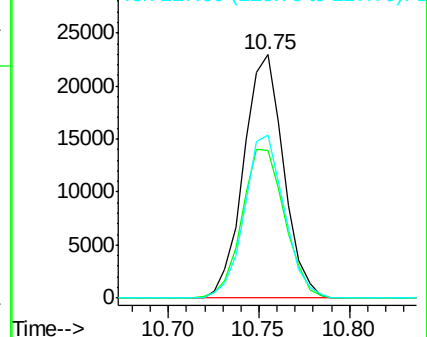


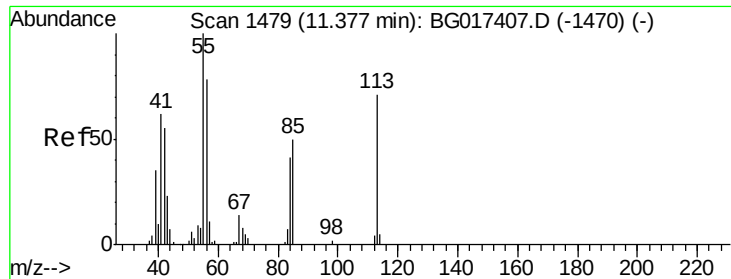
#34
Hexachlorobutadiene
Concen: 39.89 ng
RT: 10.75 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:225 Resp: 35209
Ion Ratio Lower Upper
225 100
223 60.6 52.2 78.2
227 66.8 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

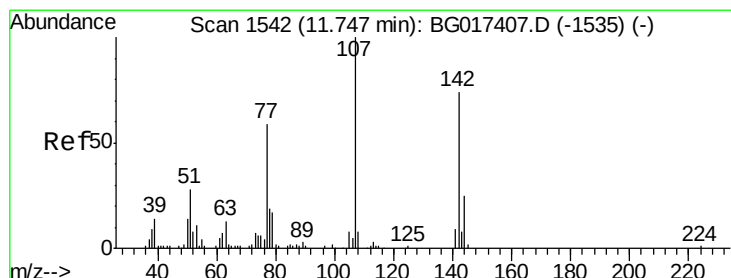
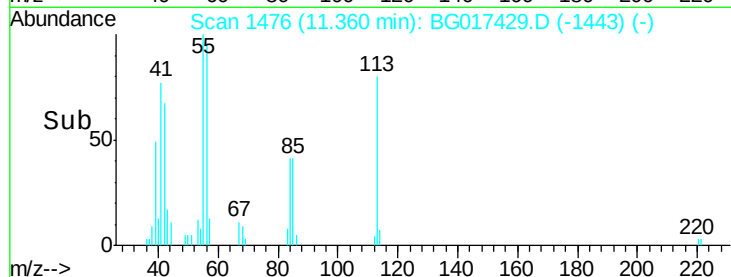
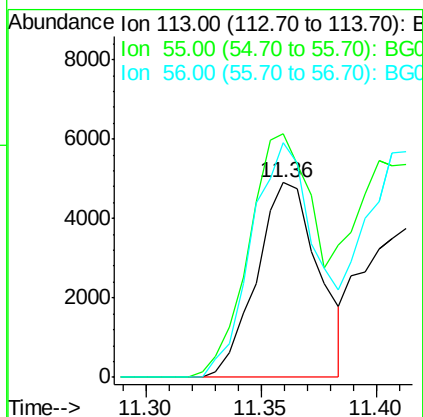
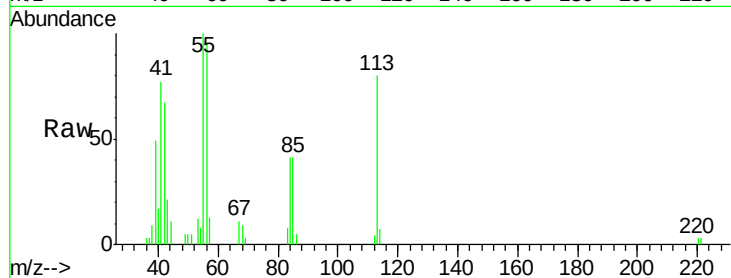




#35
 Caprolactam
 Concen: 14.40 ng
 RT: 11.36 min Scan# 1476
 Delta R.T. -0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

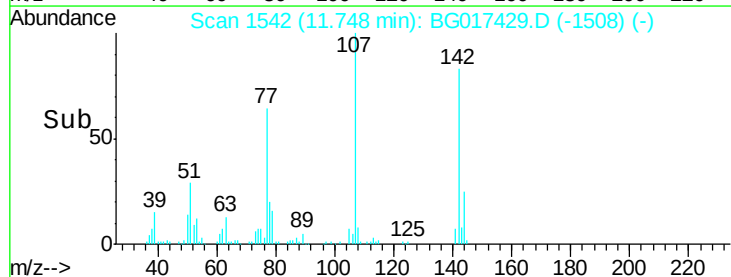
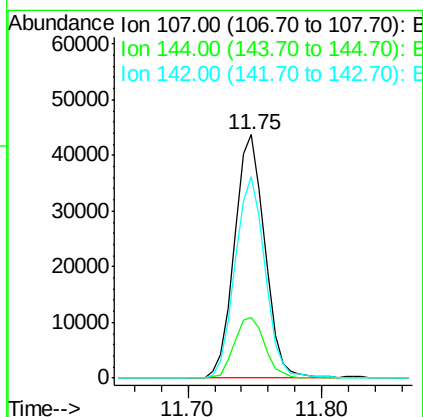
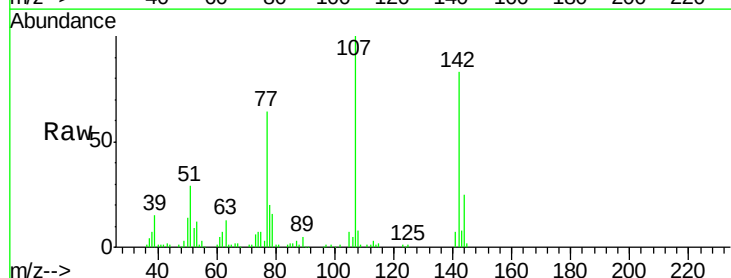
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

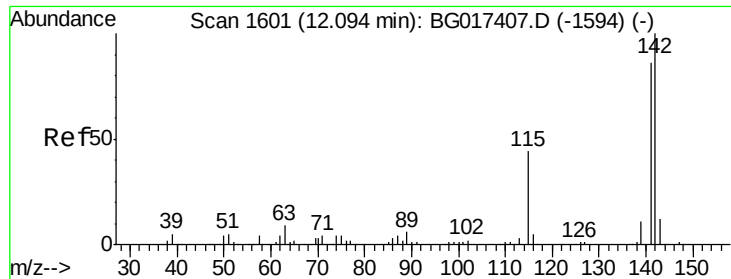
Tgt Ion:113 Resp: 9138
 Ion Ratio Lower Upper
 113 100
 55 125.1 121.6 161.6
 56 120.3 89.8 129.8



#36
 4-Chloro-3-methylphenol
 Concen: 46.03 ng
 RT: 11.75 min Scan# 1542
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:107 Resp: 69079
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.8 29.8
 142 82.6 59.0 88.4

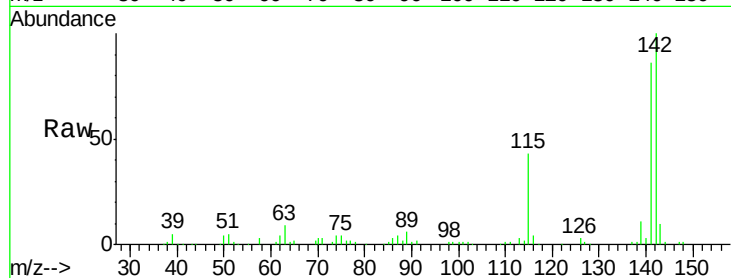




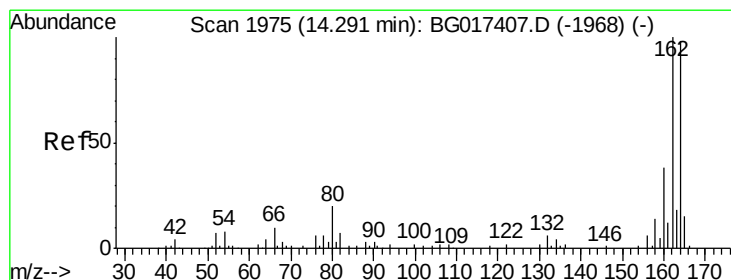
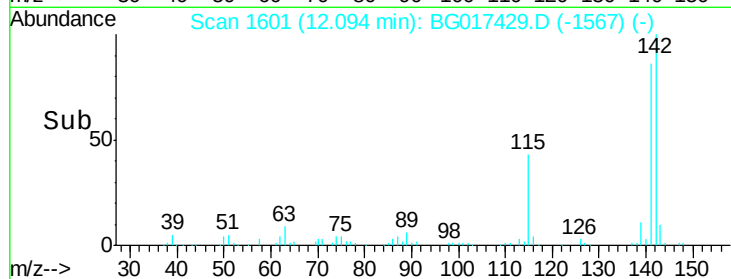
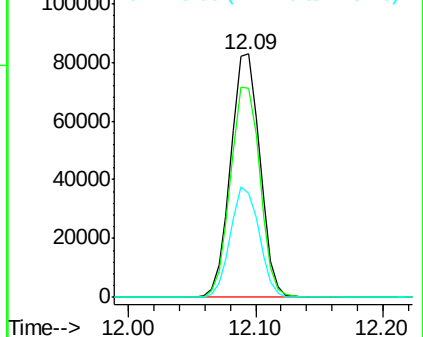
#37
 2-Methylnaphthalene
 Concen: 43.63 ng
 RT: 12.09 min Scan# 1601
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion:142 Resp: 132229
 Ion Ratio Lower Upper
 142 100
 141 85.7 68.6 102.8
 115 42.7 35.3 52.9

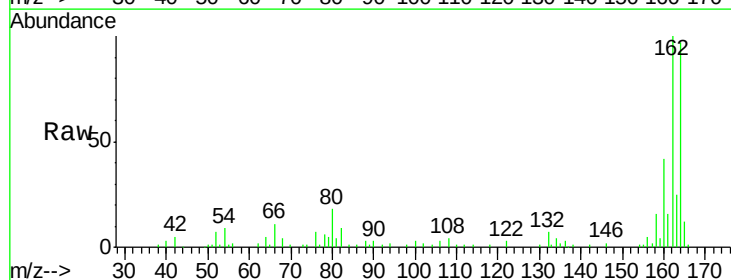


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

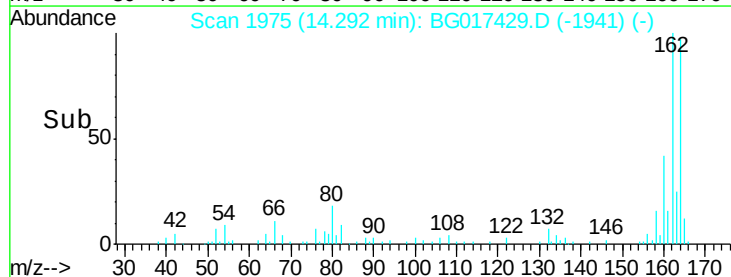
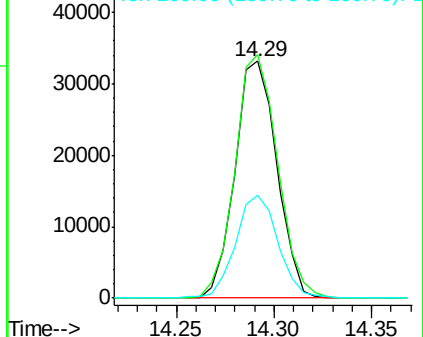


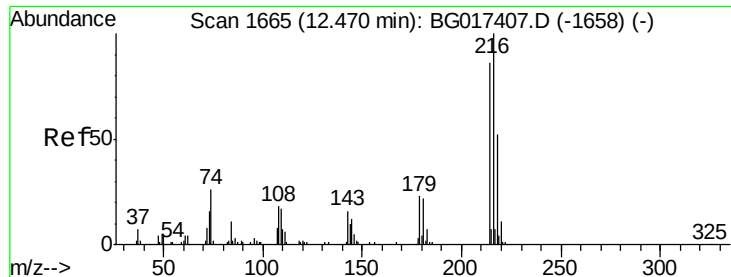
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.29 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:164 Resp: 49100
 Ion Ratio Lower Upper
 164 100
 162 102.8 81.8 122.6
 160 43.3 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: 45.66 ng

RT: 12.47 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:216 Resp: 68225

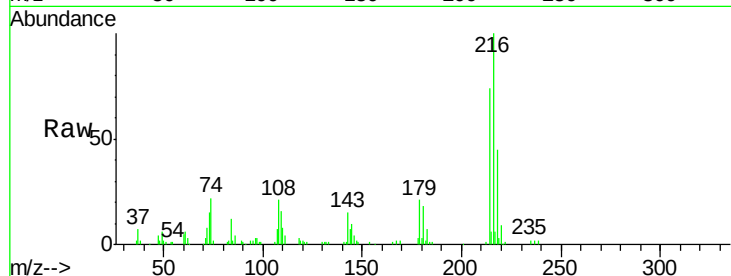
Ion Ratio Lower Upper

216 100

214 76.8 66.5 99.7

179 21.5 17.3 25.9

108 25.0 18.5 27.7

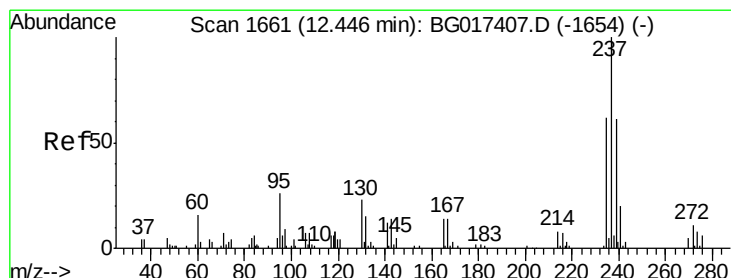
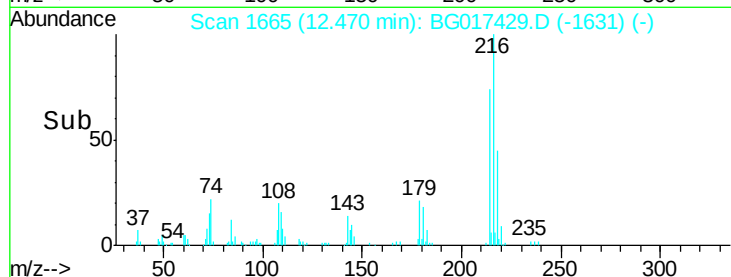
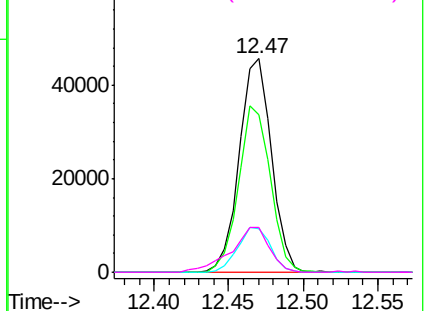


Abundance Ion 216.00 (215.70 to 216.70): E

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: 76.69 ng

RT: 12.45 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

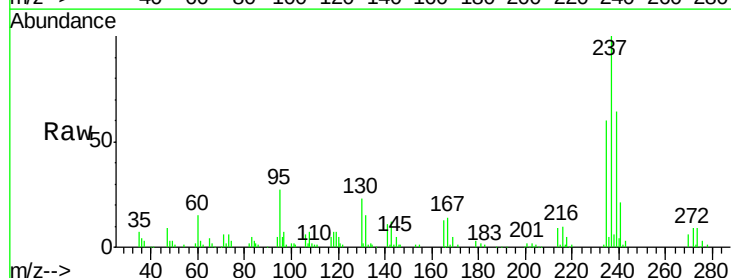
Tgt Ion:237 Resp: 67349

Ion Ratio Lower Upper

237 100

235 60.3 42.3 82.3

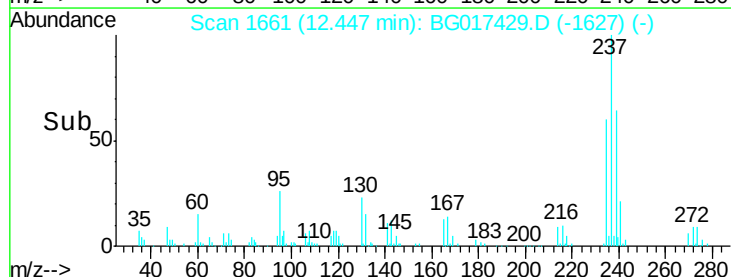
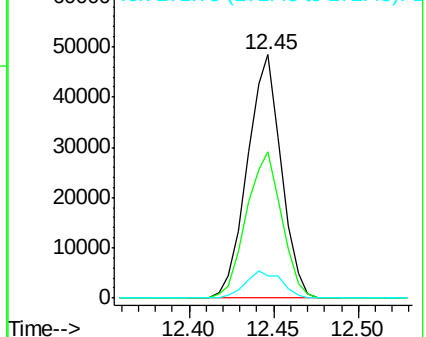
272 9.3 0.0 31.2

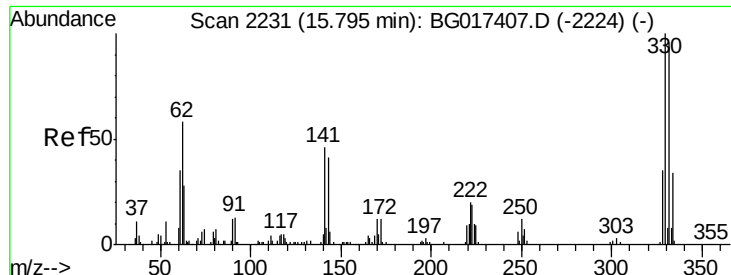


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

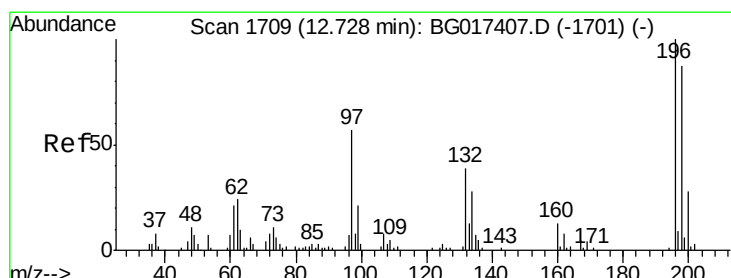
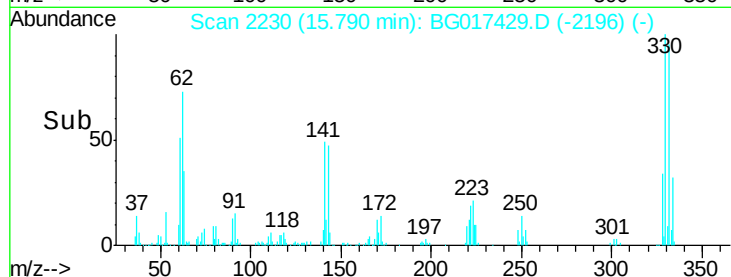
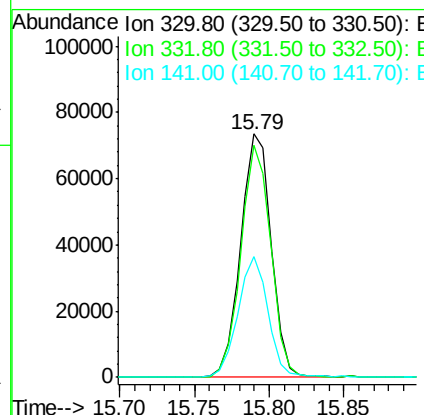
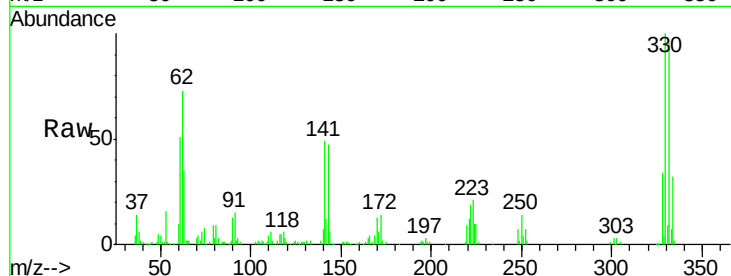




#41
 2,4,6-Tribromophenol
 Concen: 153.32 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

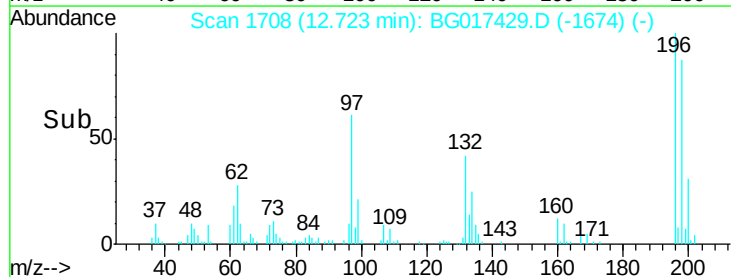
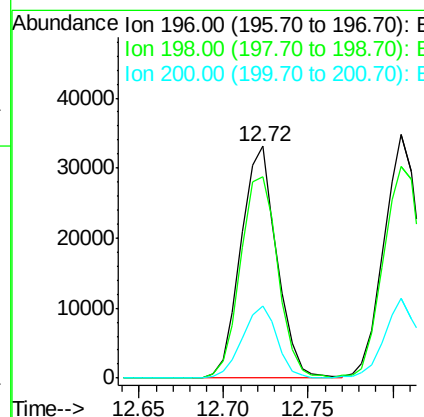
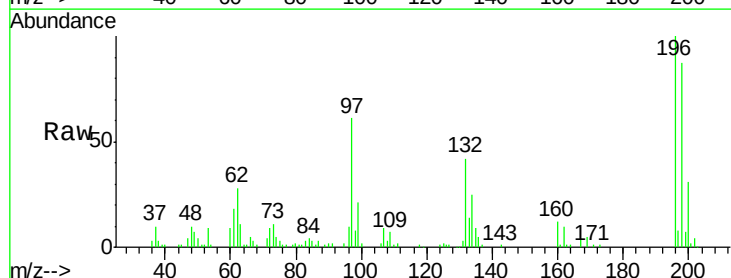
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

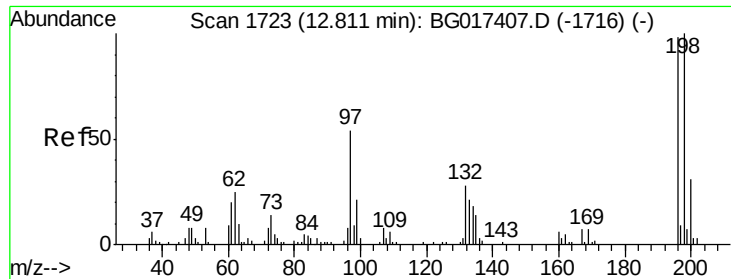
Tgt Ion:330 Resp: 104557
 Ion Ratio Lower Upper
 330 100
 332 93.3 75.9 113.9
 141 49.1 40.2 60.4



#42
 2,4,6-Trichlorophenol
 Concen: 46.02 ng
 RT: 12.72 min Scan# 1708
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:196 Resp: 49237
 Ion Ratio Lower Upper
 196 100
 198 86.9 69.9 104.9
 200 31.3 22.7 34.1

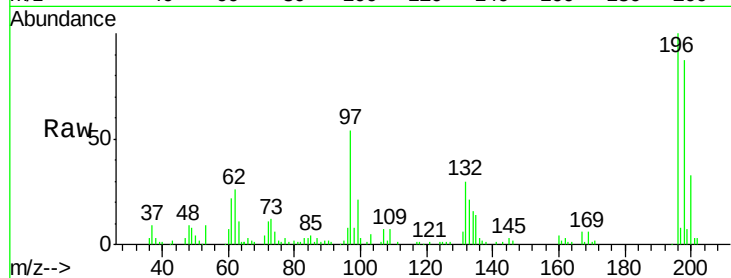




#43
 2,4,5-Trichlorophenol
 Concen: 44.47 ng
 RT: 12.81 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	87.1	80.6	121.0
97	54.2	43.2	64.8
132	30.4	22.3	33.5



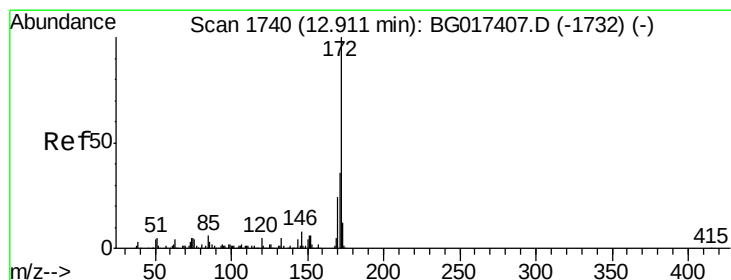
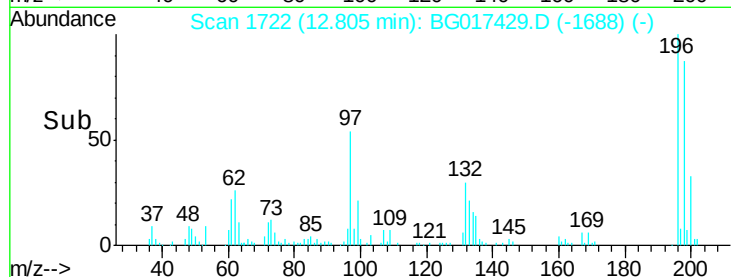
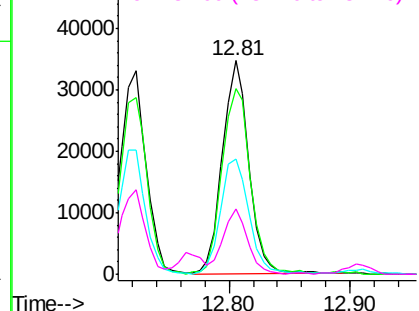
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

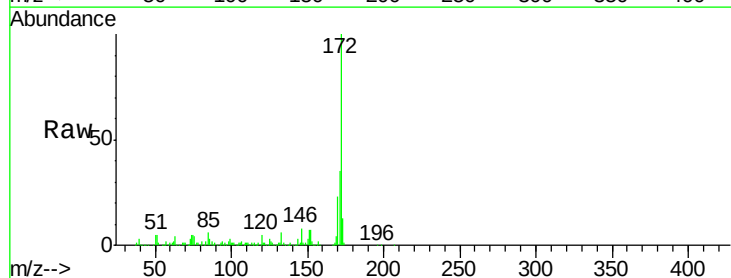
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 97.51 ng
 RT: 12.91 min Scan# 1739
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.0	43.6
170	22.5	18.9	28.3

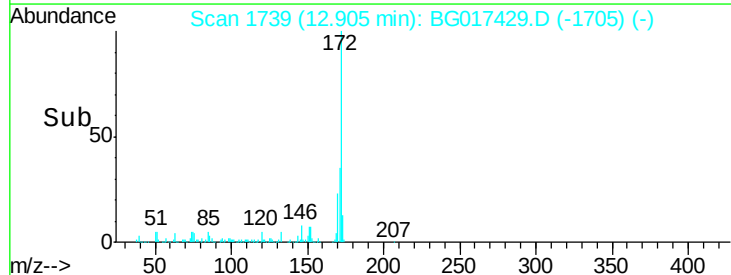
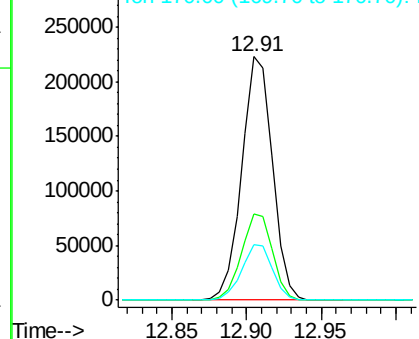


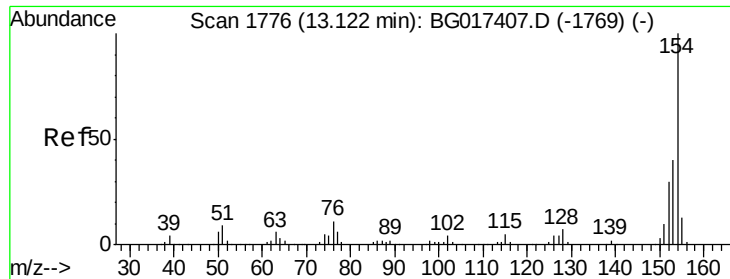
Abundance

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

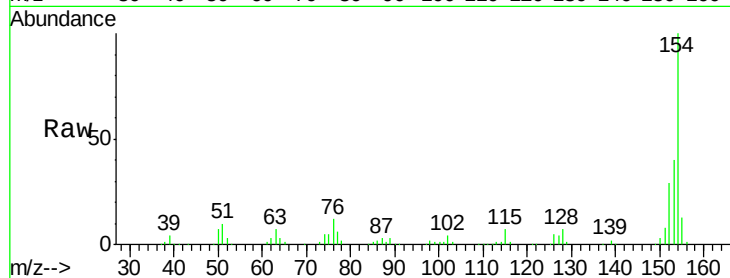




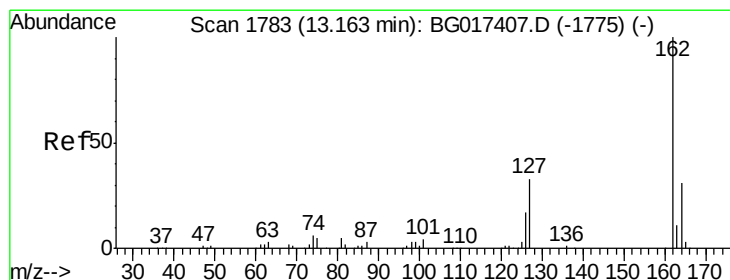
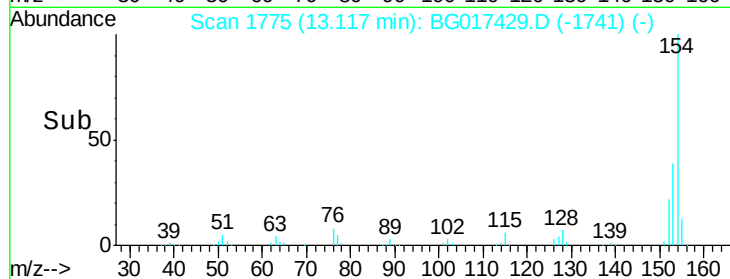
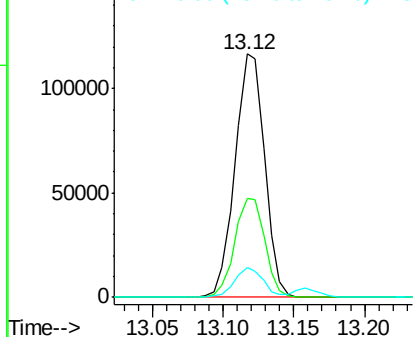
#45
 1,1'-Biphenyl
 Concen: 47.40 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.4	20.1	60.1
76	12.4	0.0	31.5

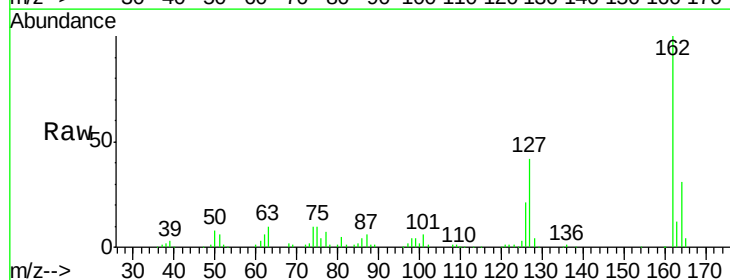


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

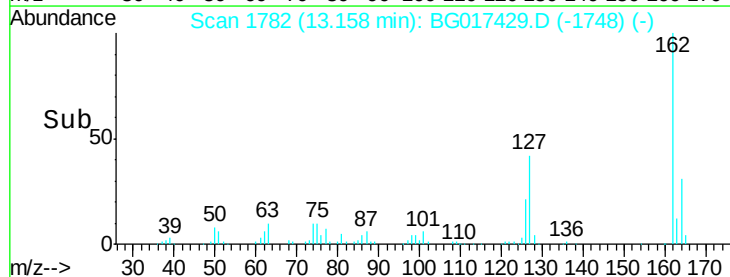
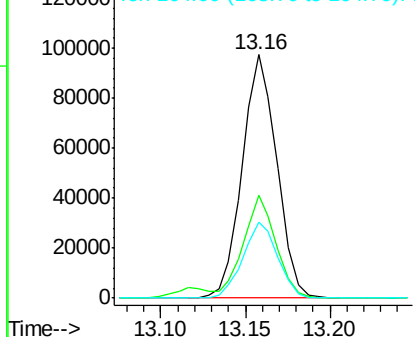


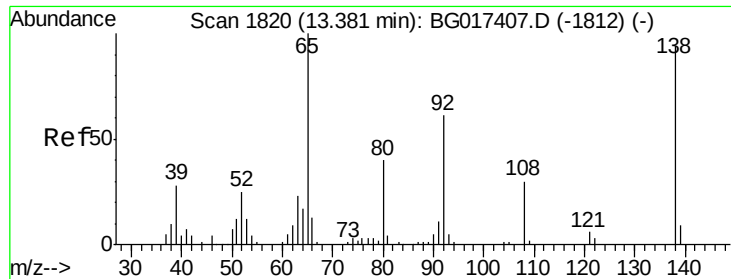
#46
 2-Chloronaphthalene
 Concen: 46.08 ng
 RT: 13.16 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	29.4	44.2
164	31.2	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

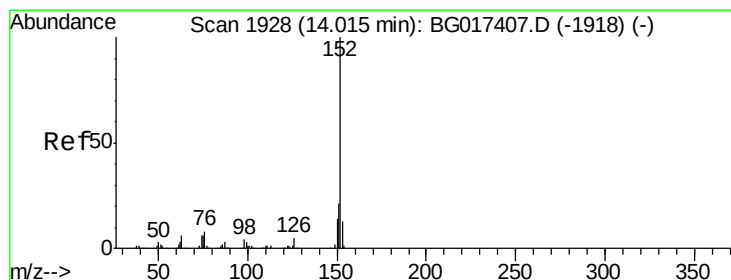
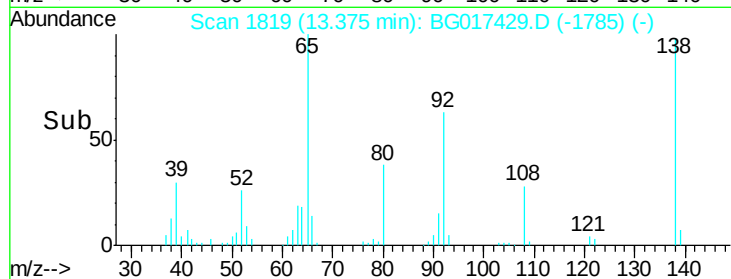
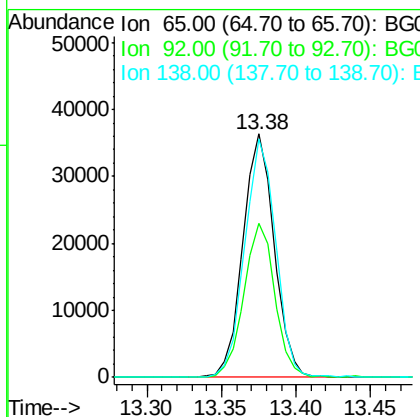
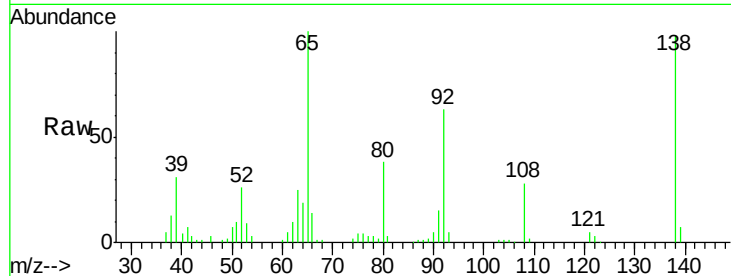




#47
 2-Nitroaniline
 Concen: 47.57 ng
 RT: 13.38 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

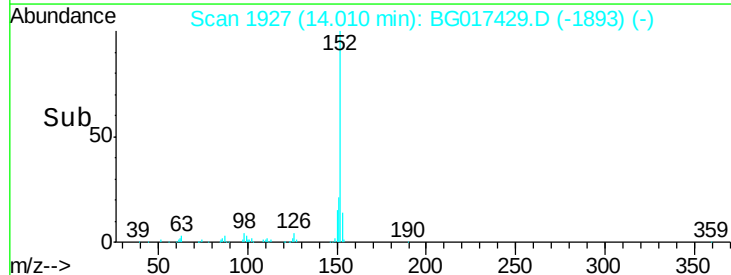
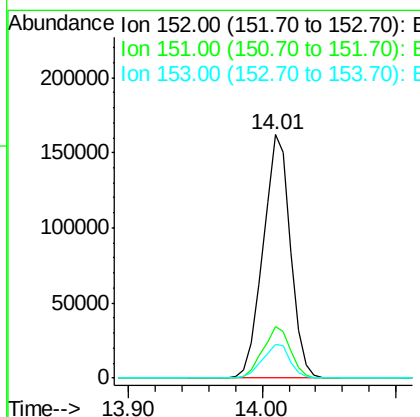
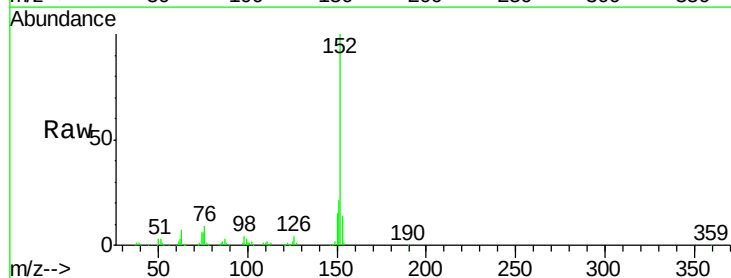
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

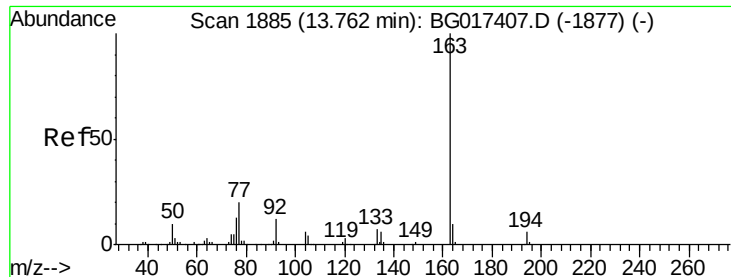
Tgt Ion: 65 Resp: 52712
 Ion Ratio Lower Upper
 65 100
 92 63.2 49.1 73.7
 138 98.0 75.4 113.0



#48
 Acenaphthylene
 Concen: 43.25 ng
 RT: 14.01 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion: 152 Resp: 228620
 Ion Ratio Lower Upper
 152 100
 151 21.4 16.5 24.7
 153 14.0 10.7 16.1





#49

Dimethylphthalate

Concen: 51.56 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

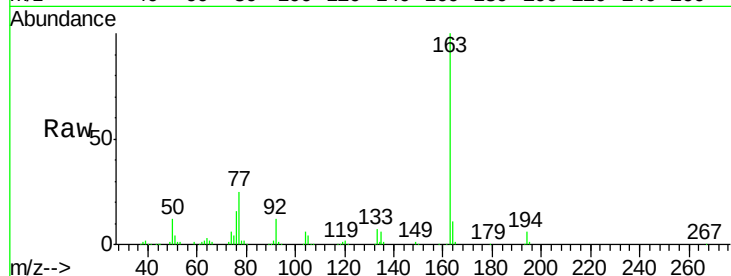
Tgt Ion:163 Resp: 220362

Ion Ratio Lower Upper

163 100

194 6.3 4.9 7.3

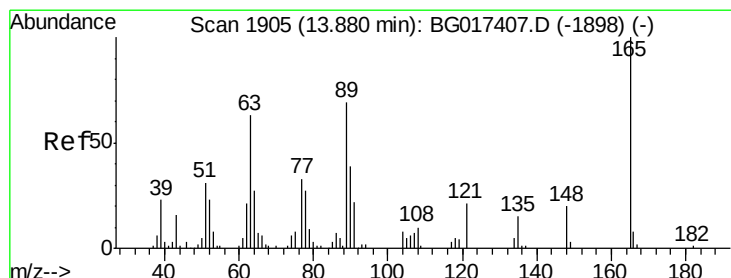
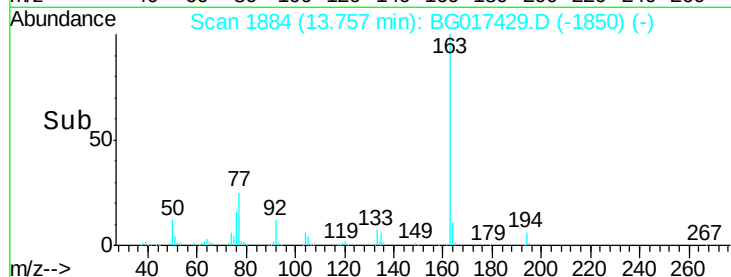
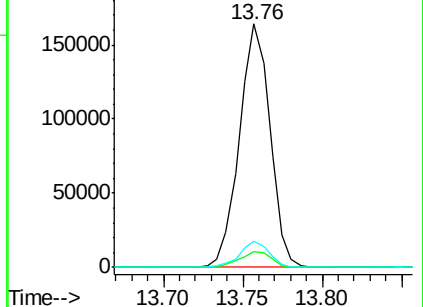
164 10.6 8.2 12.2



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: 46.73 ng

RT: 13.88 min Scan# 1905

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

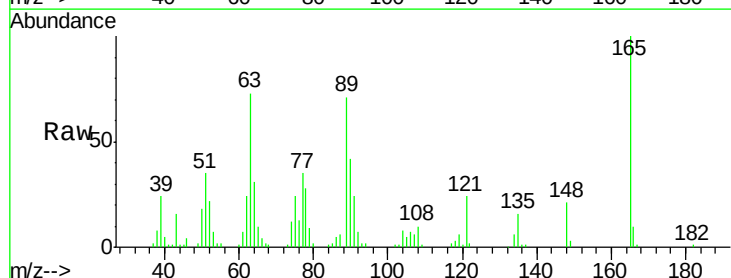
Tgt Ion:165 Resp: 44870

Ion Ratio Lower Upper

165 100

63 72.6 53.7 80.5

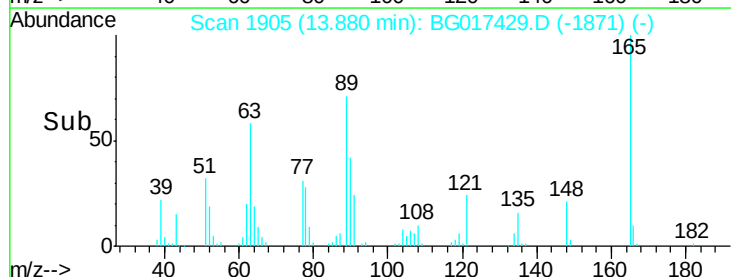
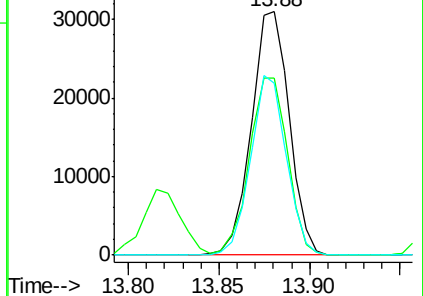
89 70.7 55.4 83.2

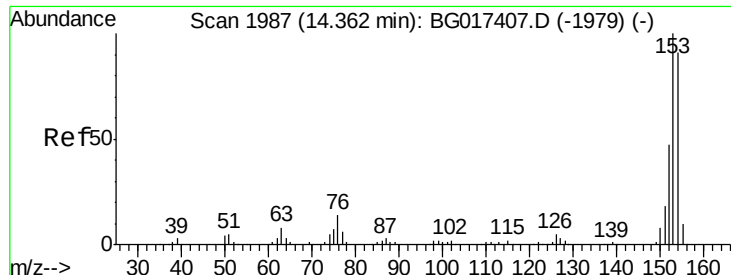


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.00 ng

RT: 14.36 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

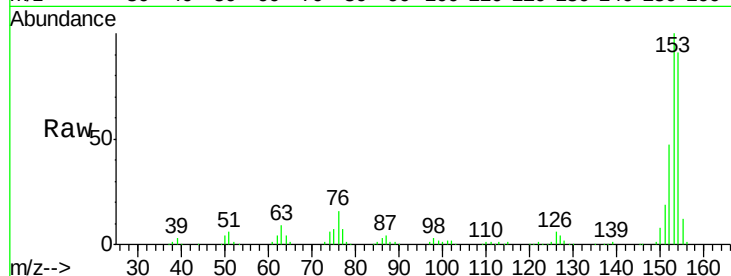
Tgt Ion:154 Resp: 137110

Ion Ratio Lower Upper

154 100

153 109.3 87.7 131.5

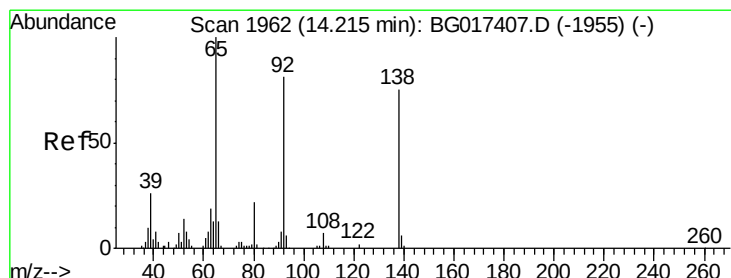
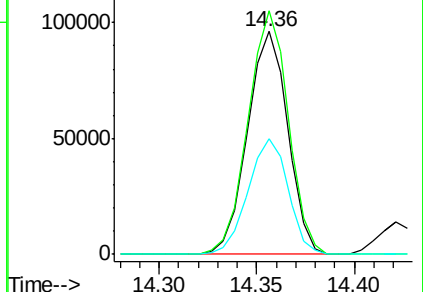
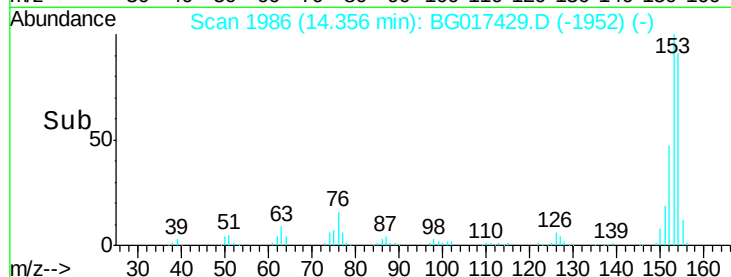
152 51.8 40.8 61.2



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: 28.32 ng

RT: 14.21 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

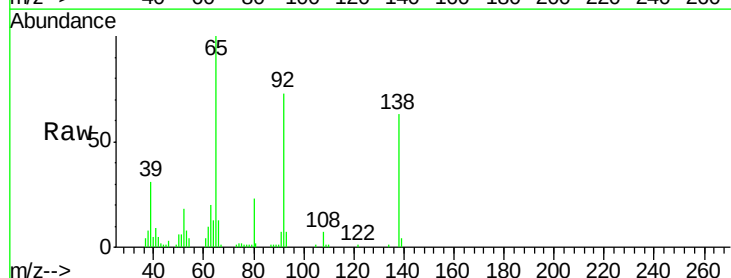
Tgt Ion:138 Resp: 29455

Ion Ratio Lower Upper

138 100

108 11.9 7.5 11.3#

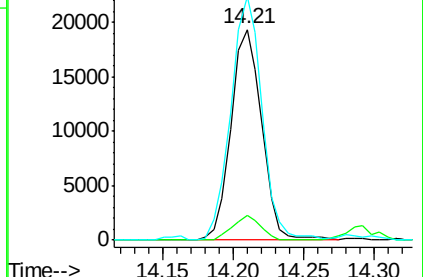
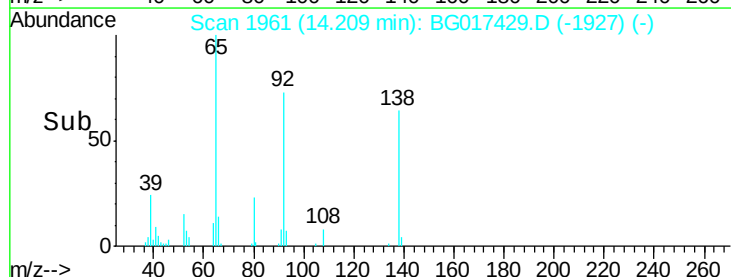
92 115.4 87.0 130.4

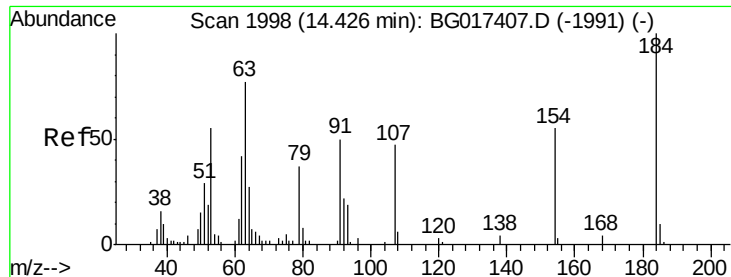


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 51.58 ng

RT: 14.42 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

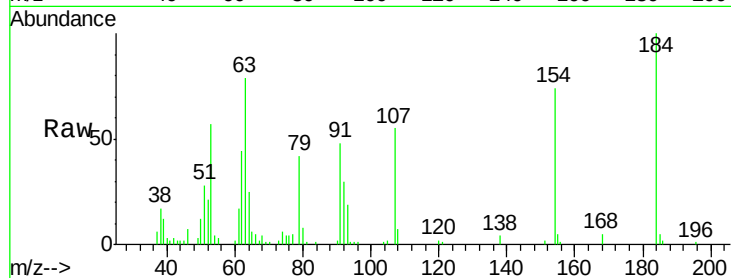
Tgt Ion:184 Resp: 29437

Ion Ratio Lower Upper

184 100

63 79.3 61.5 92.3

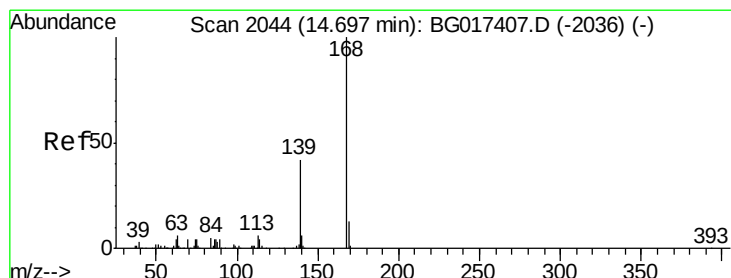
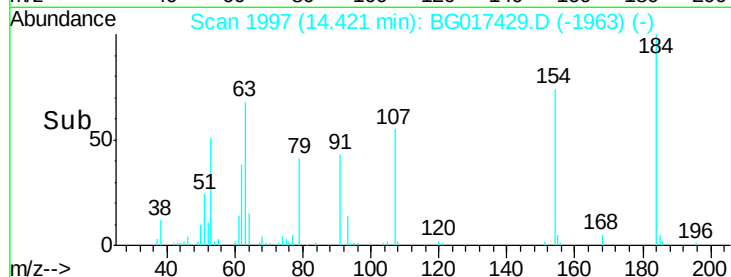
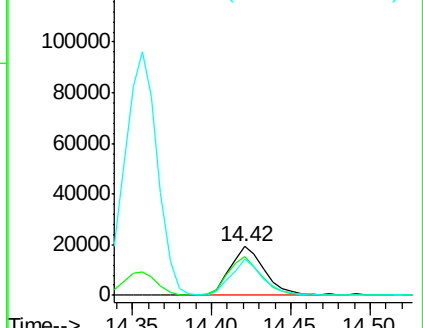
154 73.6 53.8 80.8



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: 47.28 ng

RT: 14.69 min Scan# 2043

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

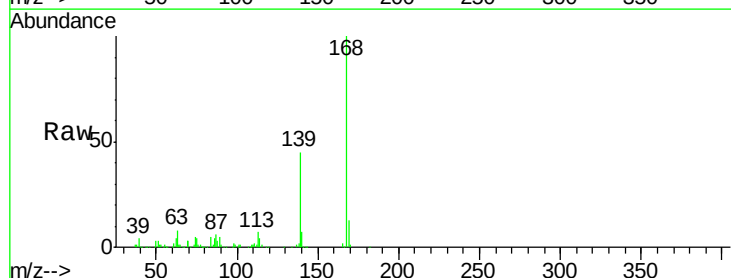
Tgt Ion:168 Resp: 217376

Ion Ratio Lower Upper

168 100

139 45.1 33.2 49.8

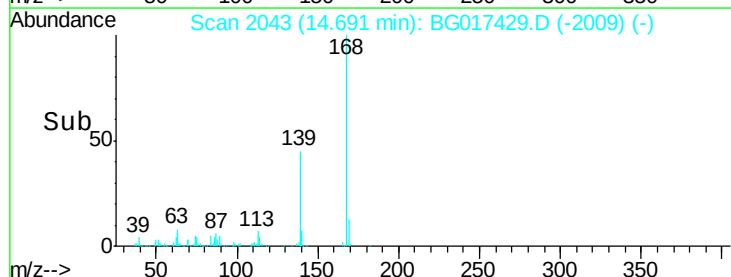
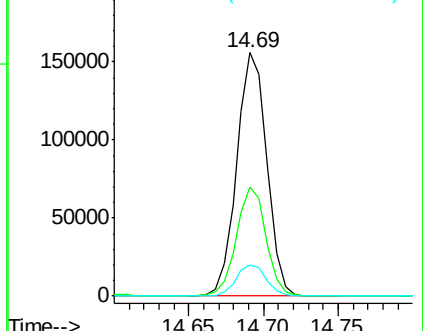
169 12.9 10.6 16.0

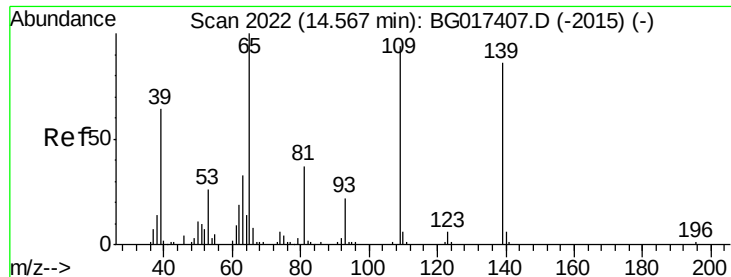


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

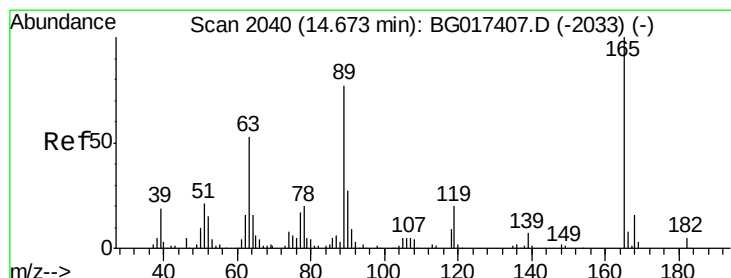
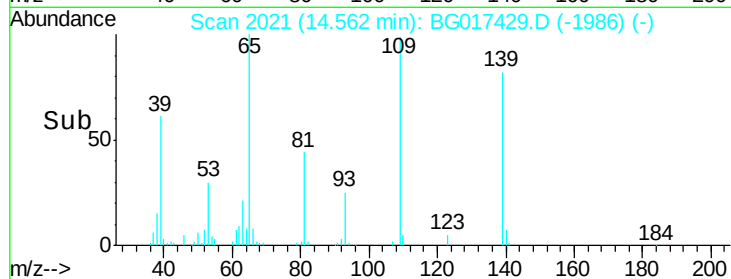
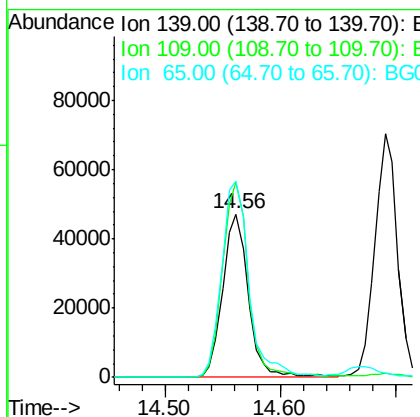
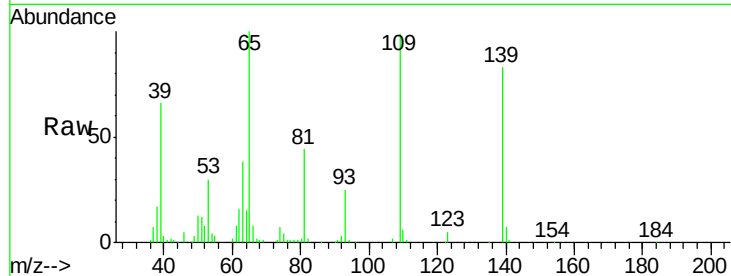




#55
4-Nitrophenol
Concen: 88.01 ng
RT: 14.56 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

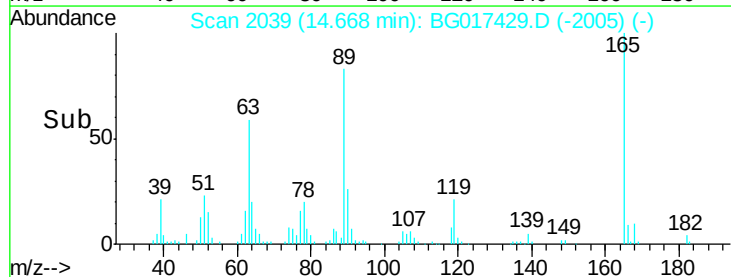
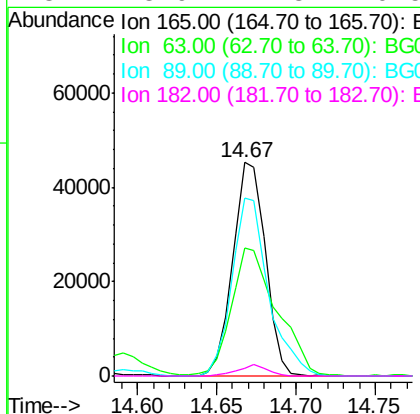
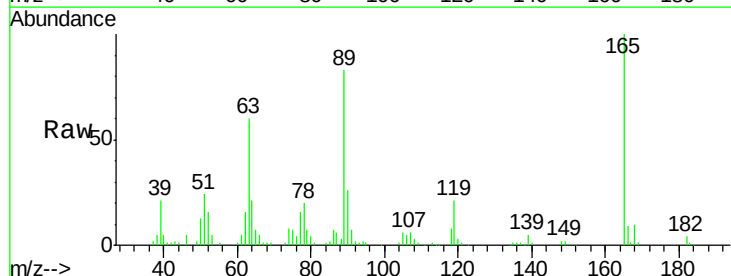
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

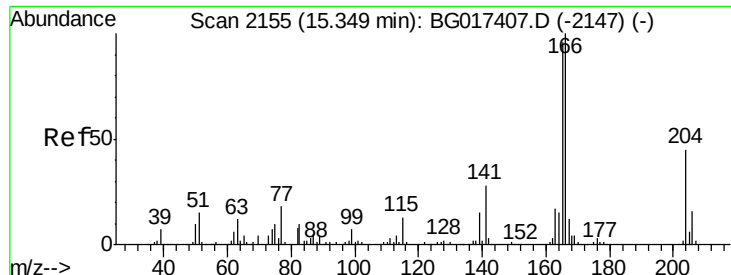
Tgt Ion:139 Resp: 73094
Ion Ratio Lower Upper
139 100
109 118.9 89.5 129.5
65 120.2 95.9 135.9



#56
2,4-Dinitrotoluene
Concen: 47.09 ng
RT: 14.67 min Scan# 2039
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:165 Resp: 64414
Ion Ratio Lower Upper
165 100
63 60.1 42.9 64.3
89 83.3 61.5 92.3
182 3.9 4.3 6.5#

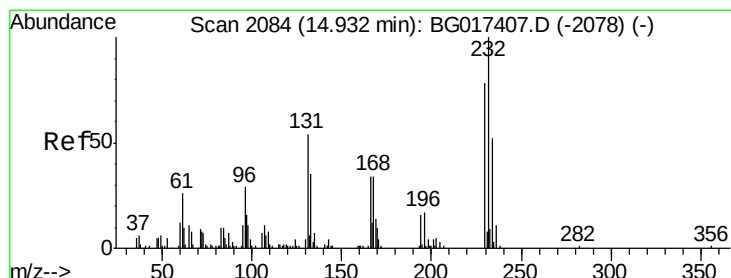
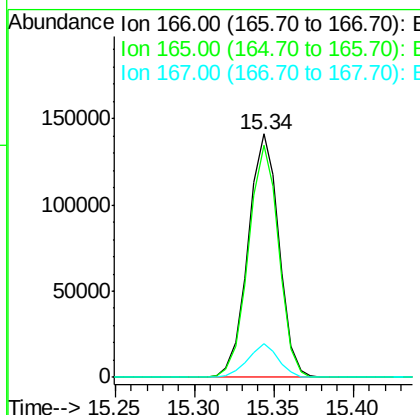
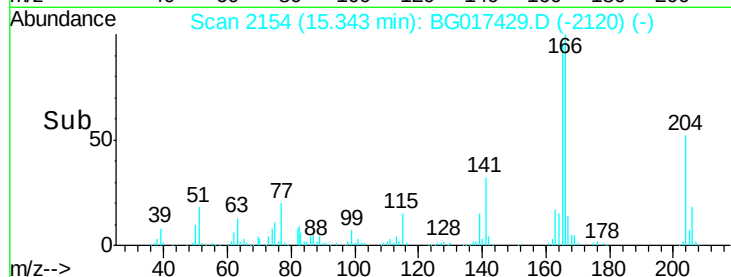
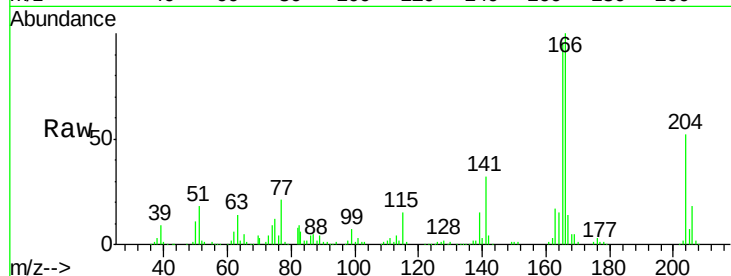




#57
 Fluorene
 Concen: 45.61 ng
 RT: 15.34 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

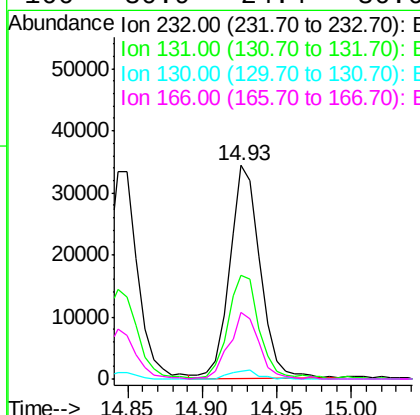
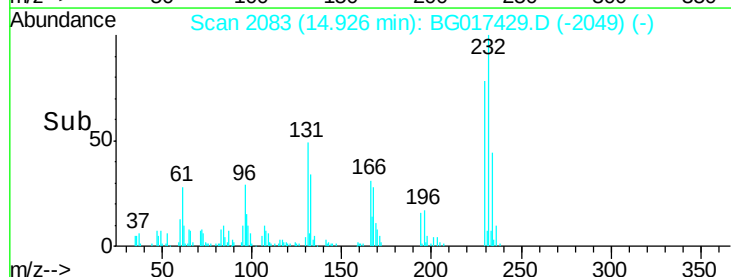
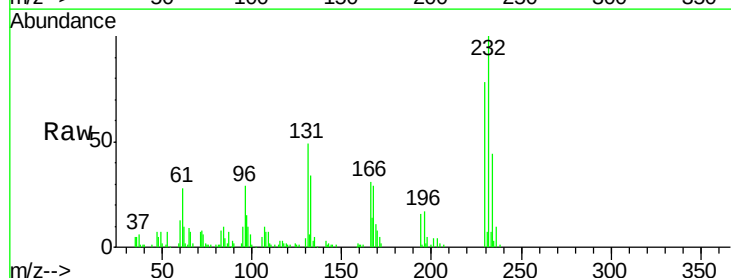
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

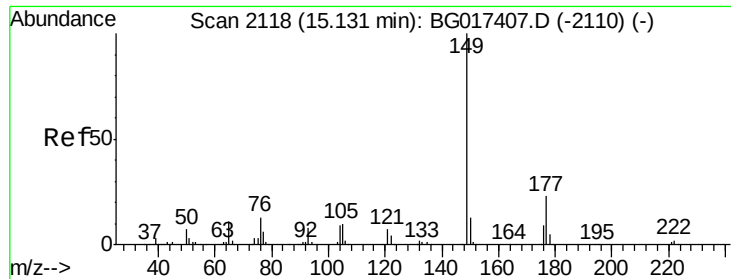
Tgt Ion:166 Resp: 190119
 Ion Ratio Lower Upper
 166 100
 165 95.5 76.8 115.2
 167 13.8 9.9 14.9



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.59 ng
 RT: 14.93 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:232 Resp: 48730
 Ion Ratio Lower Upper
 232 100
 131 48.1 40.1 60.1
 130 3.9 2.6 4.0
 166 30.9 24.4 36.6

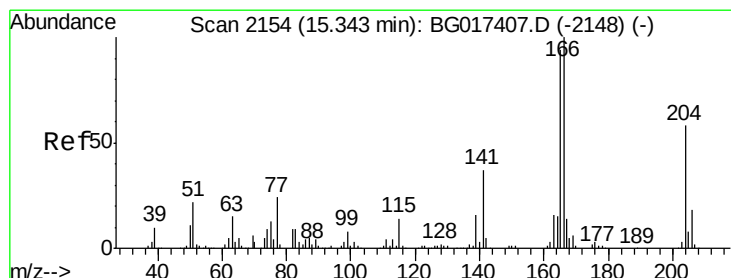
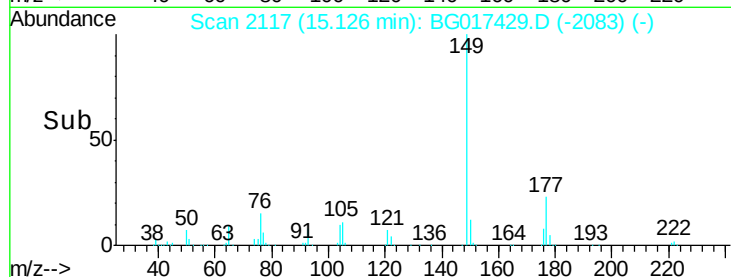
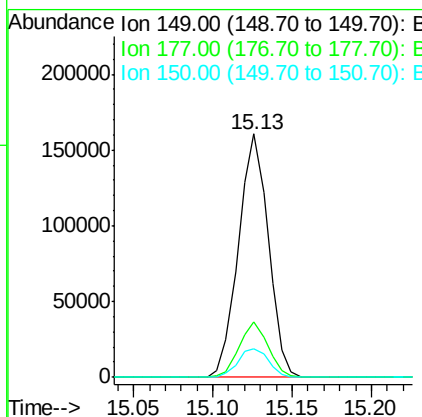
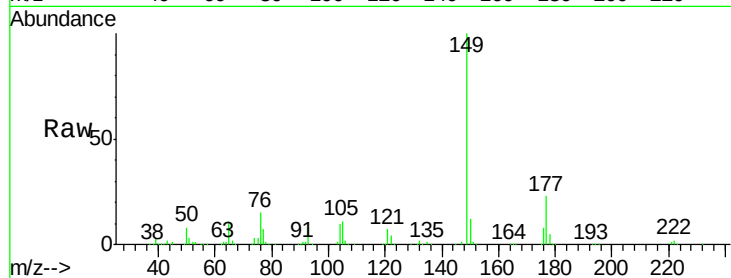




#59
Diethylphthalate
Concen: 45.21 ng
RT: 15.13 min Scan# 2117
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

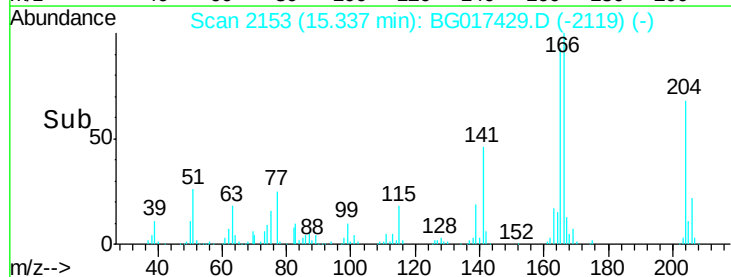
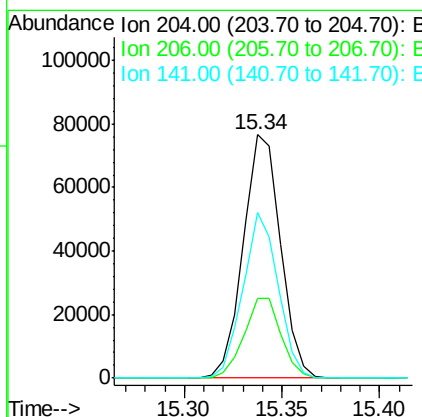
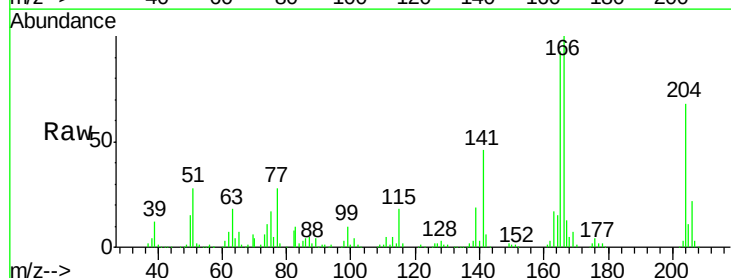
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

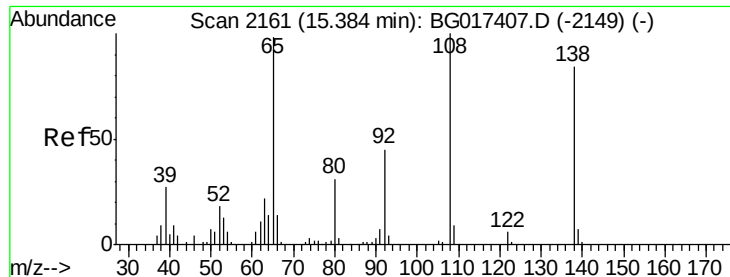
Tgt Ion:149 Resp: 209743
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 11.5 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 48.07 ng
RT: 15.34 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:204 Resp: 101537
Ion Ratio Lower Upper
204 100
206 32.8 25.0 37.4
141 68.2 50.9 76.3

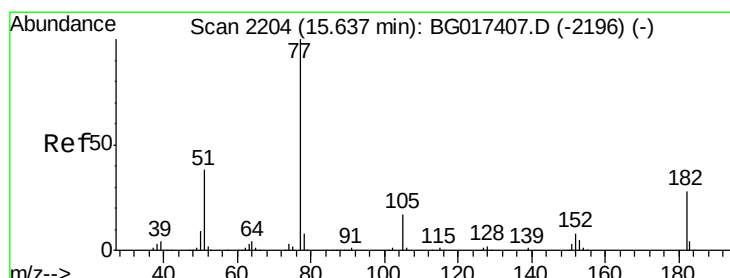
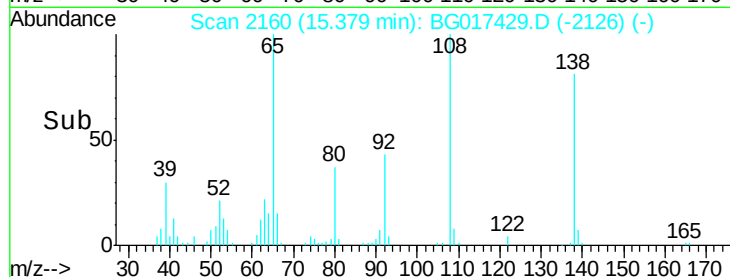
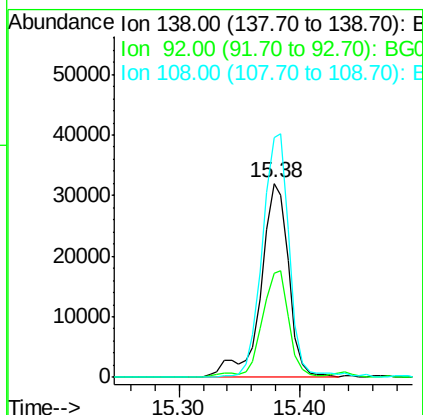
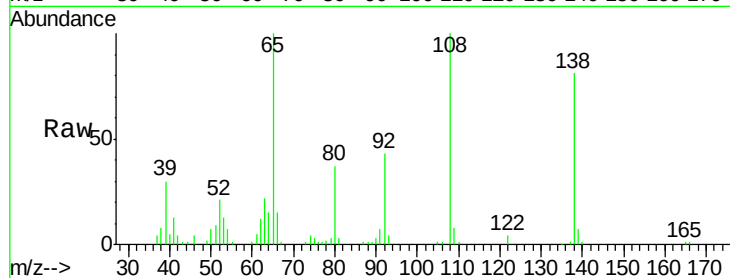




#61
4-Nitroaniline
Concen: 45.15 ng
RT: 15.38 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

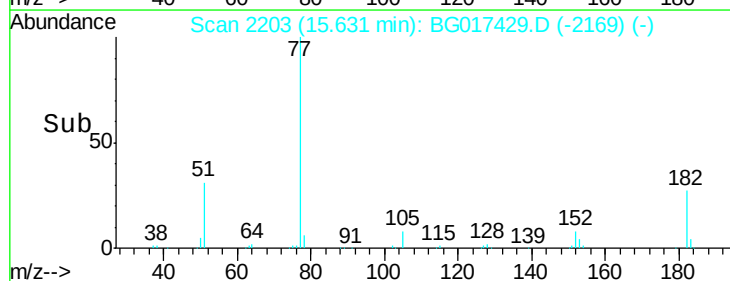
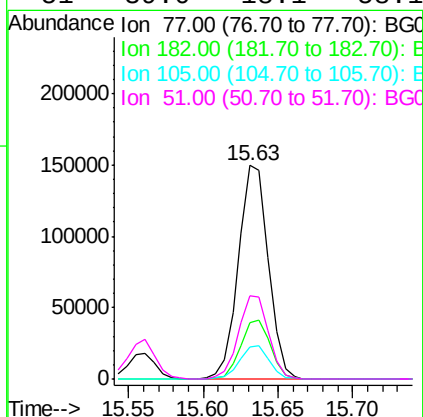
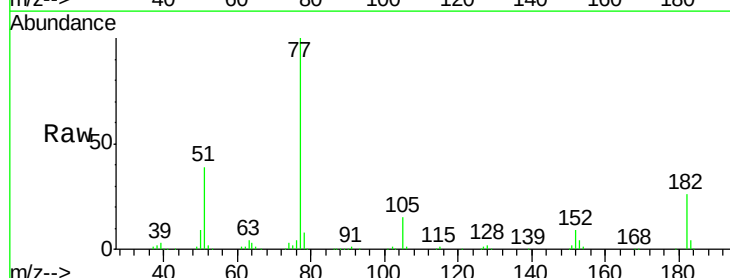
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

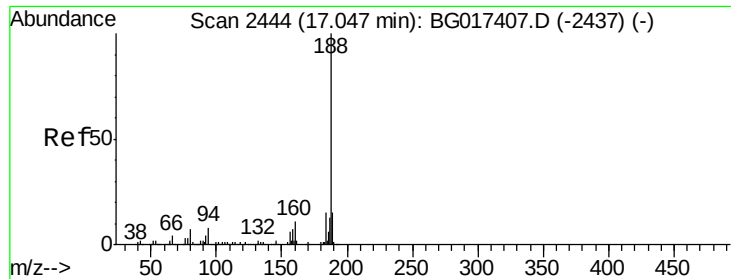
Tgt Ion:138 Resp: 51701
Ion Ratio Lower Upper
138 100
92 53.3 33.7 73.7
108 123.9 98.7 138.7



#62
Azobenzene
Concen: 47.38 ng
RT: 15.63 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion: 77 Resp: 208929
Ion Ratio Lower Upper
77 100
182 26.2 8.0 48.0
105 15.2 0.0 36.9
51 39.0 18.1 58.1

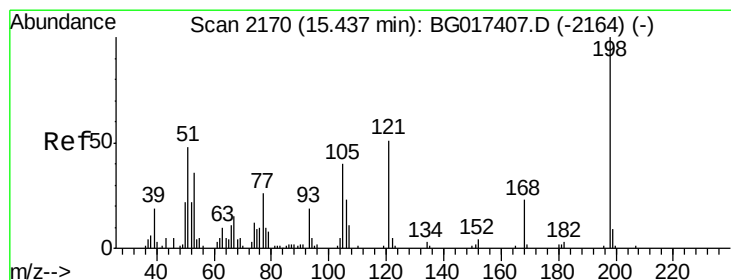
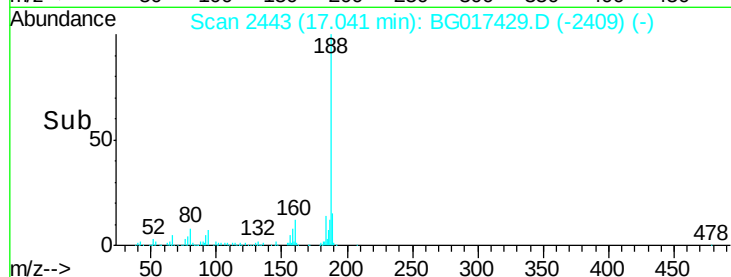
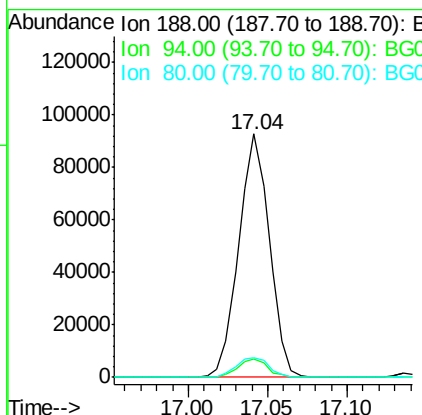
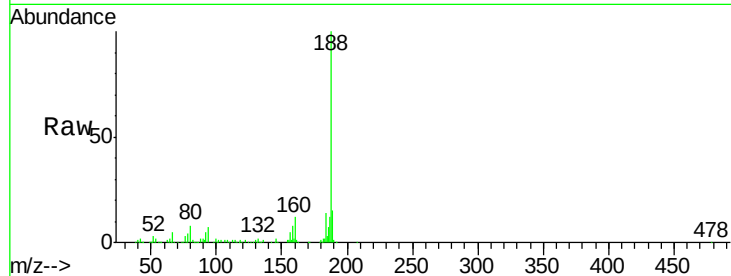




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.04 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

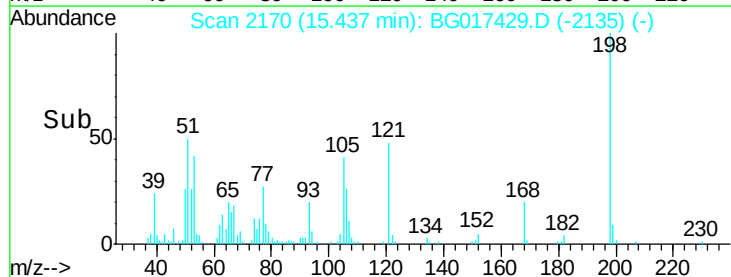
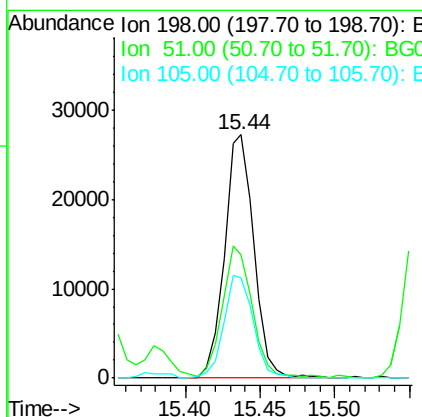
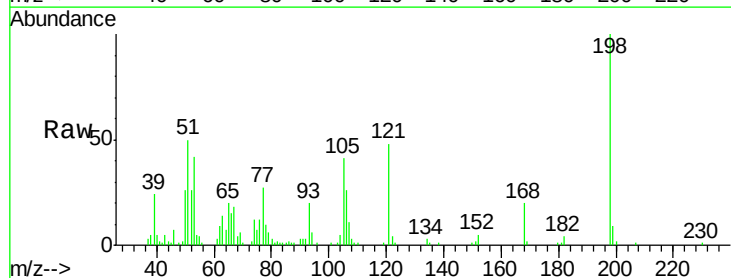
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

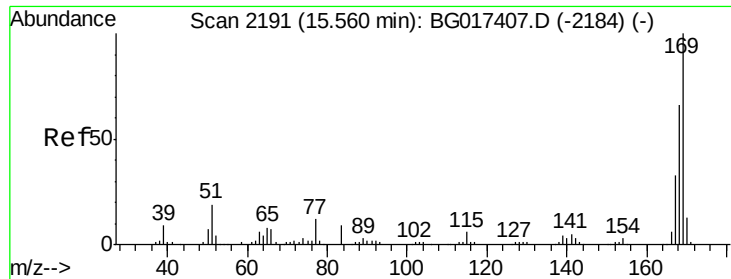
Tgt Ion:188 Resp: 124483
Ion Ratio Lower Upper
188 100
94 7.5 6.3 9.5
80 8.3 5.2 7.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 40.68 ng
RT: 15.44 min Scan# 2170
Delta R.T. 0.01 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:198 Resp: 37544
Ion Ratio Lower Upper
198 100
51 50.4 30.3 70.3
105 40.9 20.8 60.8

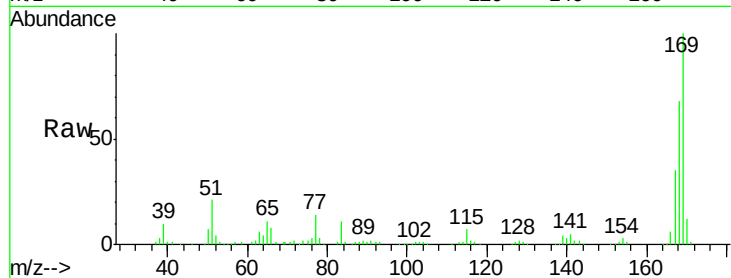




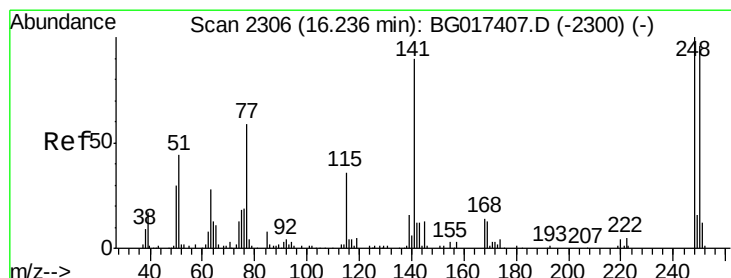
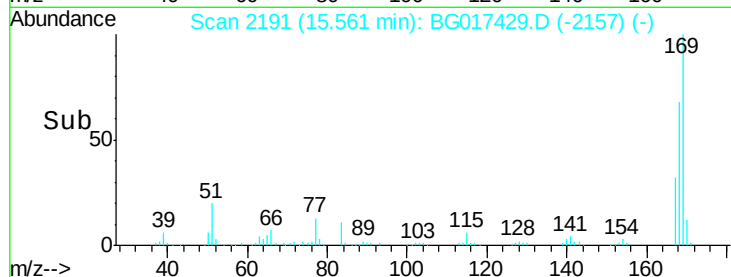
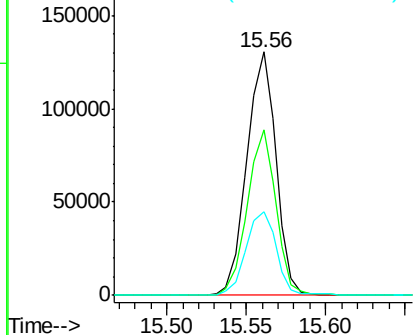
#65
 n-Nitrosodiphenylamine
 Concen: 44.89 ng
 RT: 15.56 min Scan# 2191
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

Tgt Ion:169 Resp: 166652
 Ion Ratio Lower Upper
 169 100
 168 67.8 52.4 78.6
 167 34.6 26.3 39.5

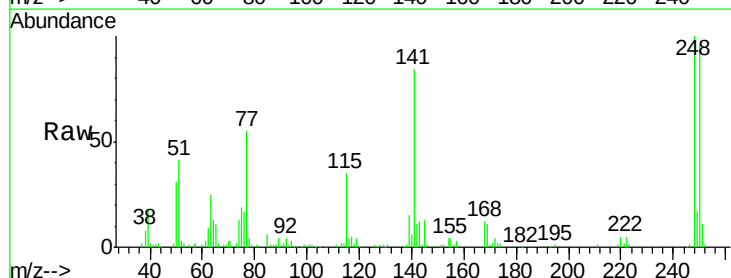


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

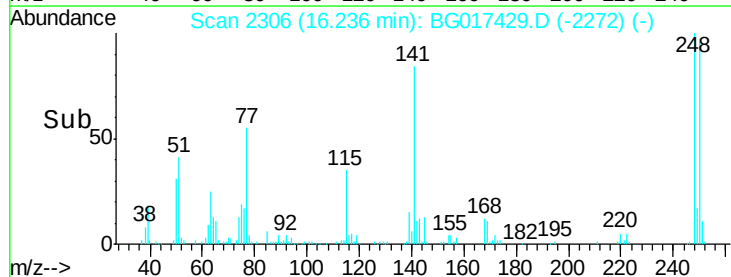
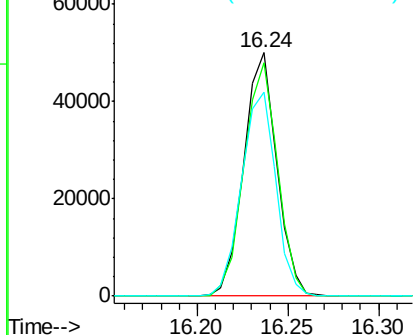


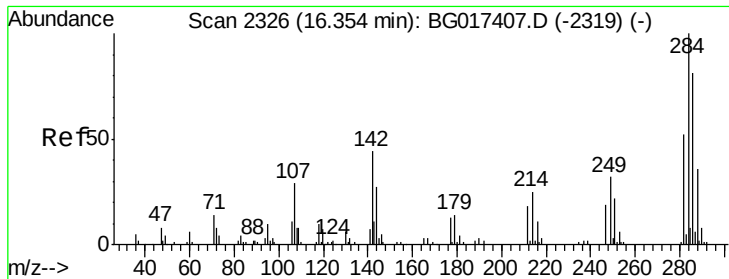
#66
 4-Bromophenyl-phenylether
 Concen: 46.12 ng
 RT: 16.24 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:248 Resp: 63548
 Ion Ratio Lower Upper
 248 100
 250 95.6 76.9 115.3
 141 83.8 71.8 107.6



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





#67

Hexachlorobenzene

Concen: 45.22 ng

RT: 16.35 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

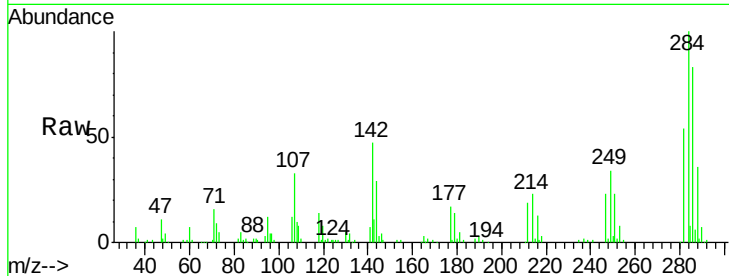
Tgt Ion:284 Resp: 66990

Ion Ratio Lower Upper

284 100

142 46.8 35.2 52.8

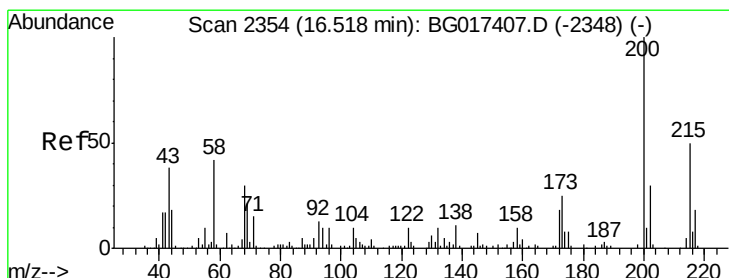
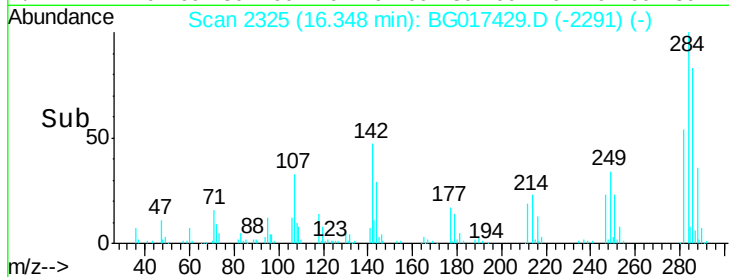
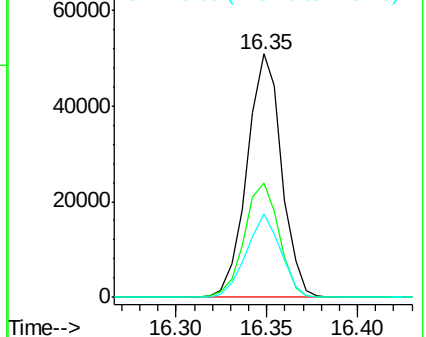
249 34.3 25.9 38.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.91 ng

RT: 16.52 min Scan# 2354

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

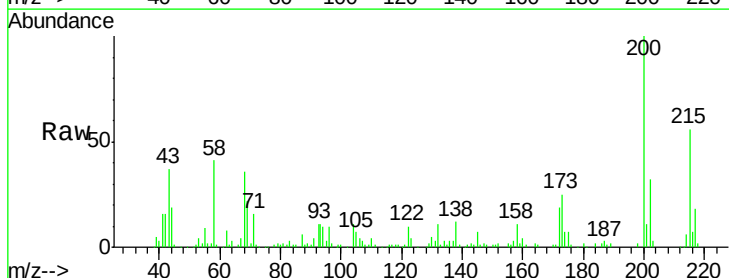
Tgt Ion:200 Resp: 75017

Ion Ratio Lower Upper

200 100

173 24.8 4.9 44.9

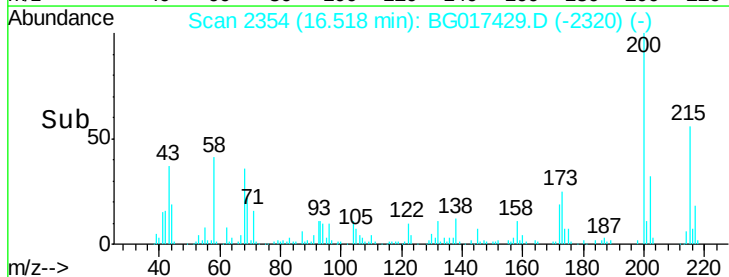
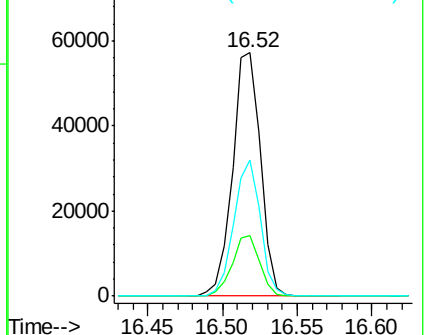
215 55.8 30.1 70.1

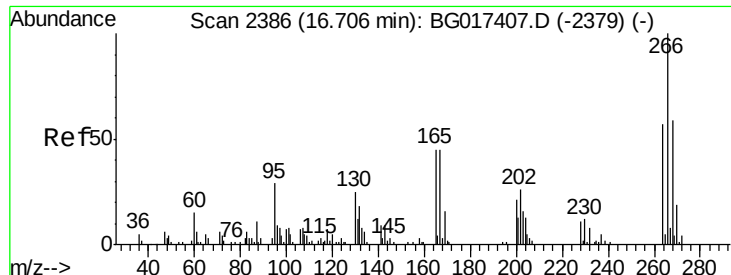


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 82.01 ng

RT: 16.70 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

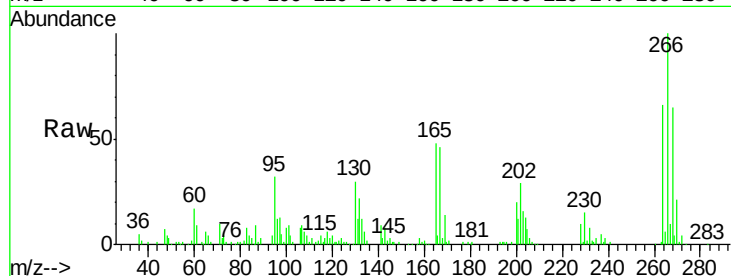
Tgt Ion:266 Resp: 74496

Ion Ratio Lower Upper

266 100

268 64.8 47.0 70.6

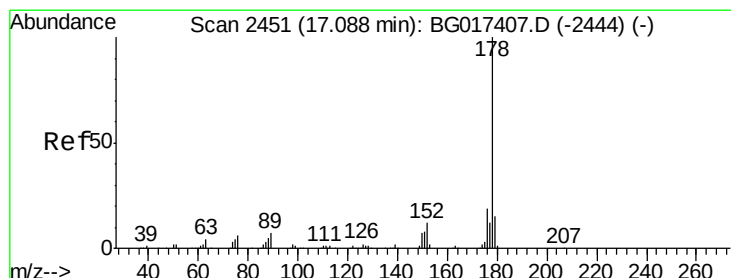
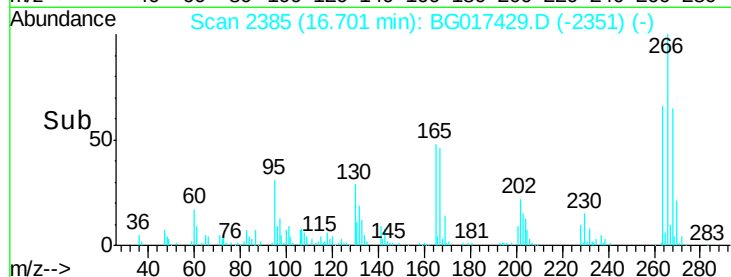
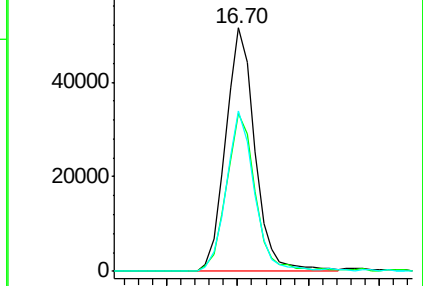
264 65.8 45.7 68.5



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: 44.65 ng

RT: 17.08 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

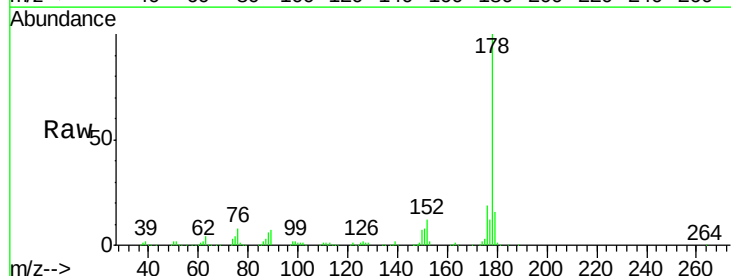
Tgt Ion:178 Resp: 309895

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

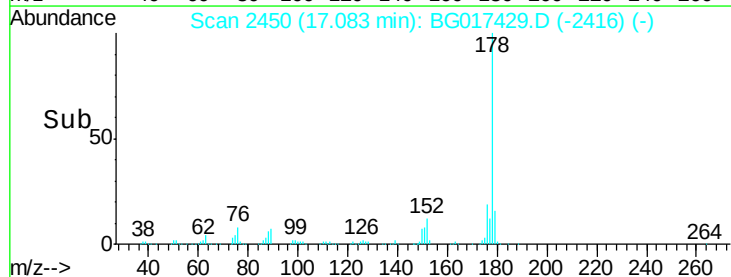
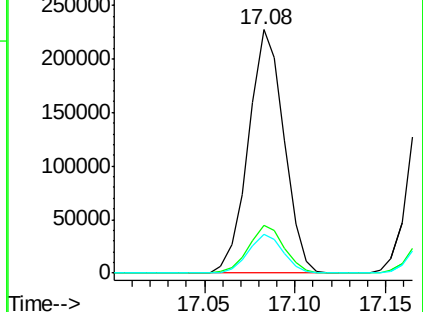
179 15.8 12.2 18.2

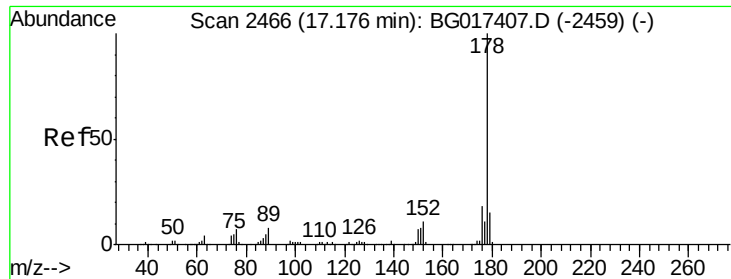


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

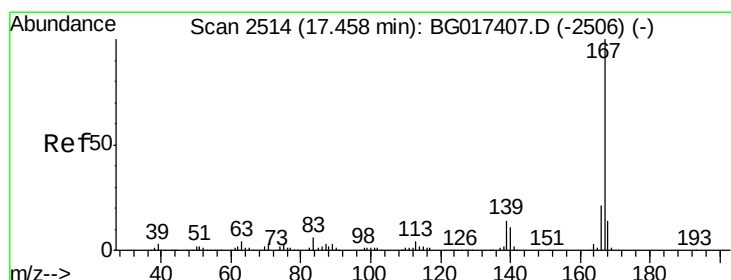
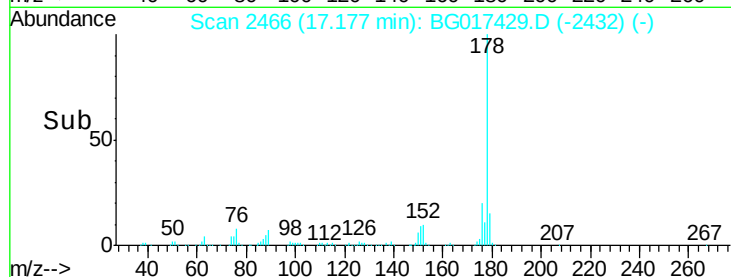
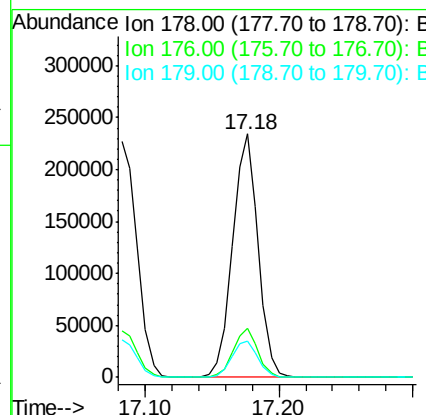
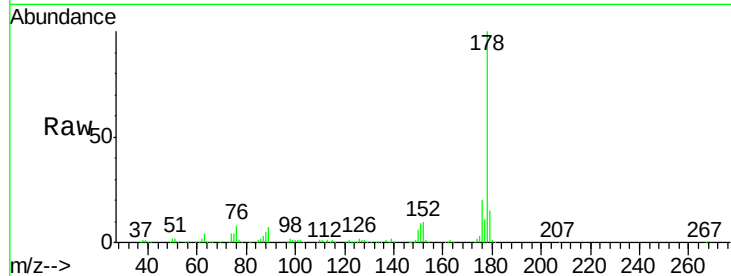




#71
 Anthracene
 Concen: 44.94 ng
 RT: 17.18 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

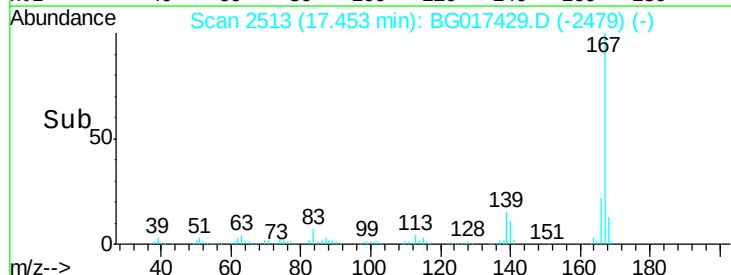
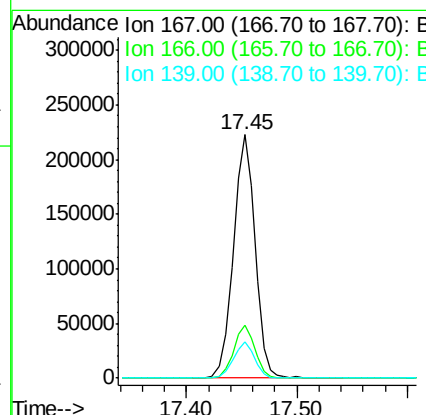
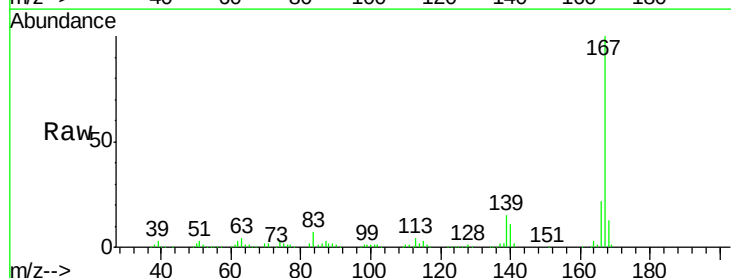
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

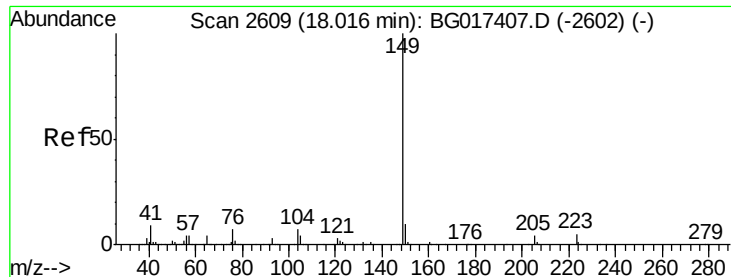
Tgt Ion:178 Resp: 311632
 Ion Ratio Lower Upper
 178 100
 176 20.0 14.2 21.2
 179 14.9 12.2 18.4



#72
 Carbazole
 Concen: 44.58 ng
 RT: 17.45 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:167 Resp: 305191
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.4
 139 15.0 11.3 16.9

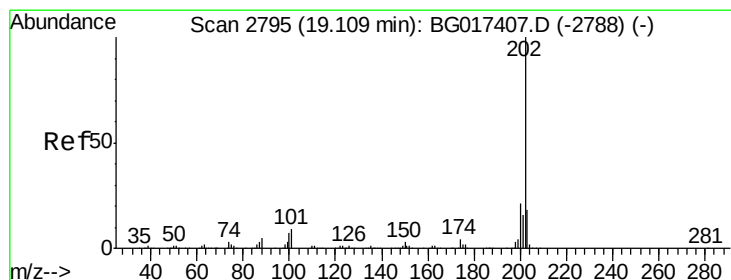
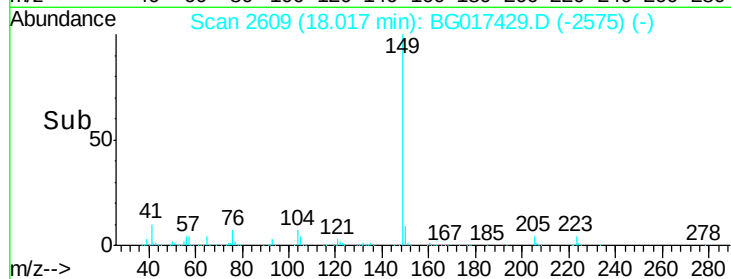
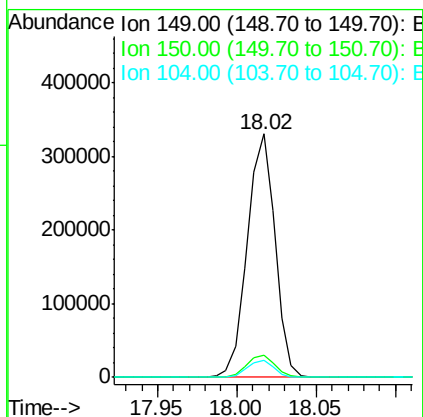
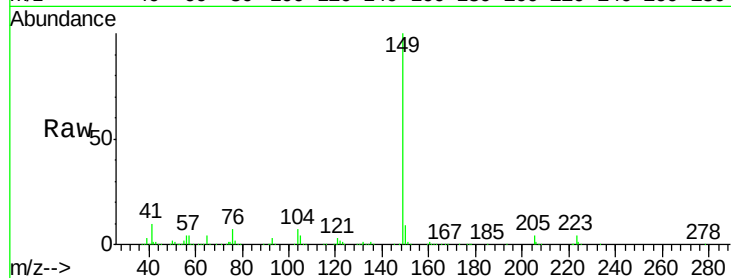




#73
Di-n-butylphthalate
Concen: 45.77 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

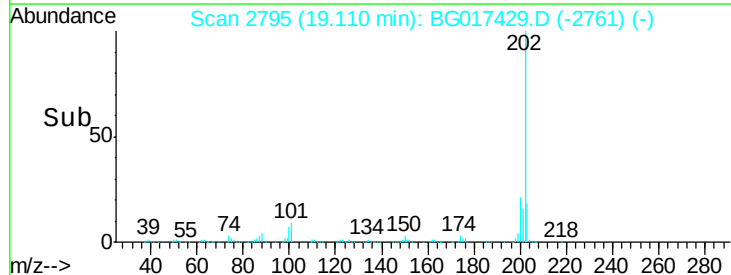
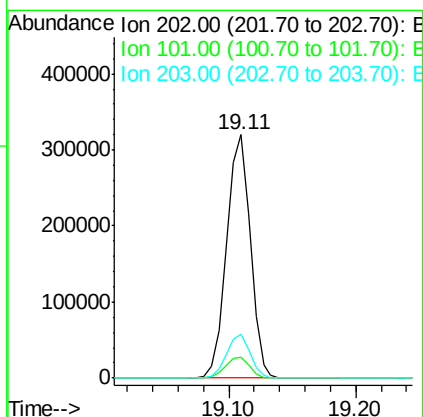
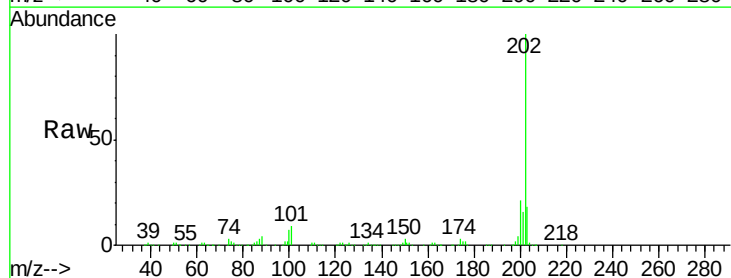
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

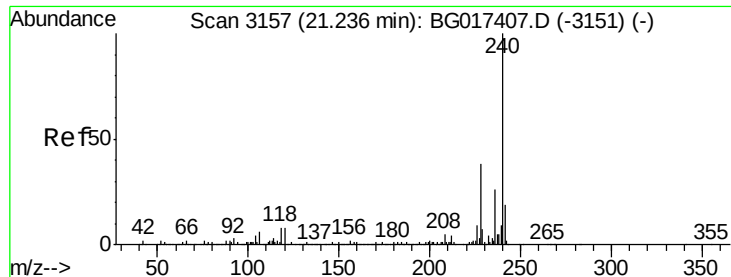
Tgt Ion:149 Resp: 401250
Ion Ratio Lower Upper
149 100
150 8.9 7.6 11.4
104 7.2 5.4 8.2



#74
Fluoranthene
Concen: 45.40 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:202 Resp: 412086
Ion Ratio Lower Upper
202 100
101 8.7 0.0 28.8
203 18.2 0.0 37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.24 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

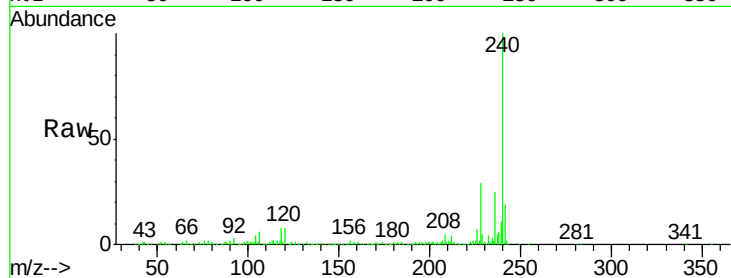
Tgt Ion:240 Resp: 149397

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

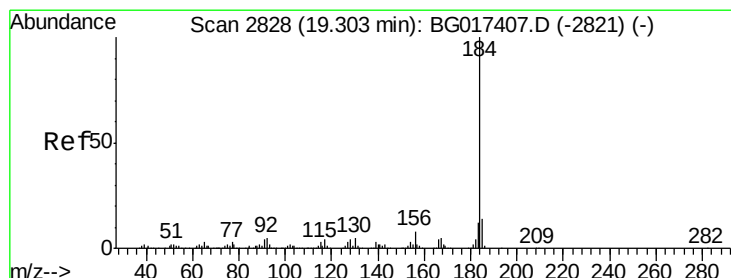
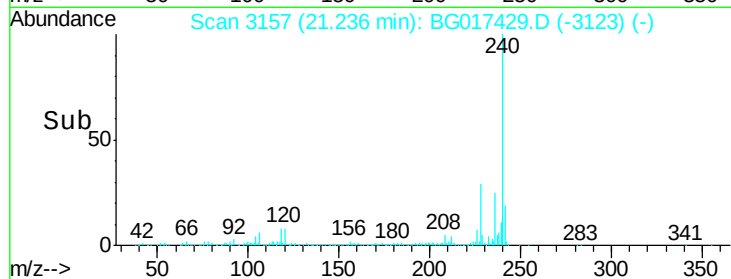
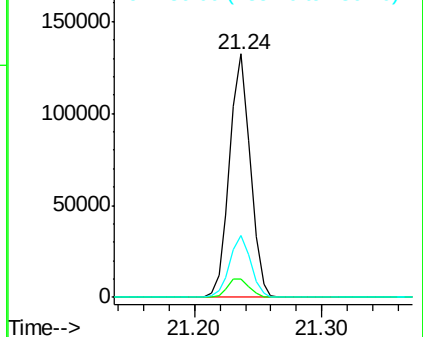
236 25.4 20.8 31.2



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: 22.07 ng

RT: 19.30 min Scan# 2828

Delta R.T. 0.01 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

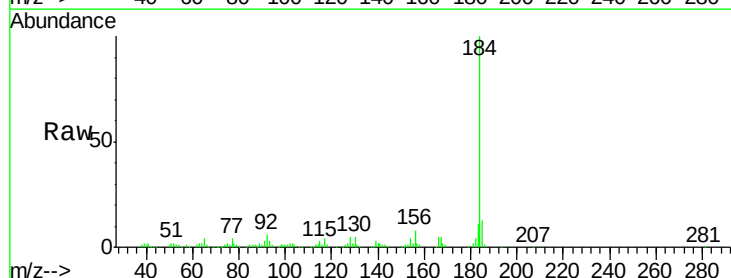
Tgt Ion:184 Resp: 113342

Ion Ratio Lower Upper

184 100

185 13.3 11.0 16.6

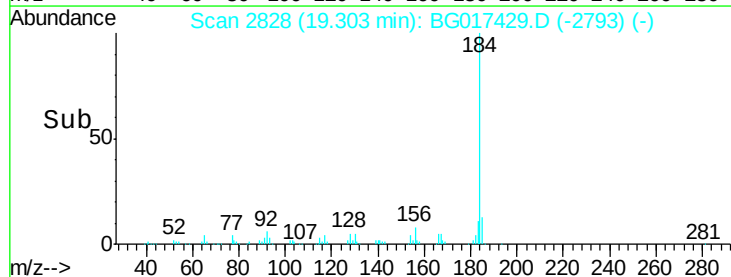
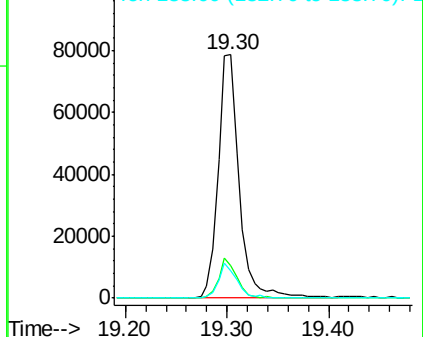
183 11.4 9.8 14.8

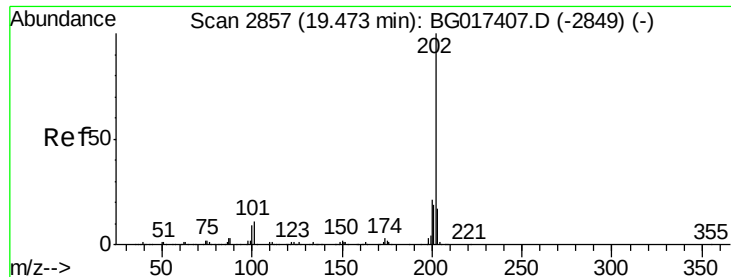


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 46.19 ng

RT: 19.47 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

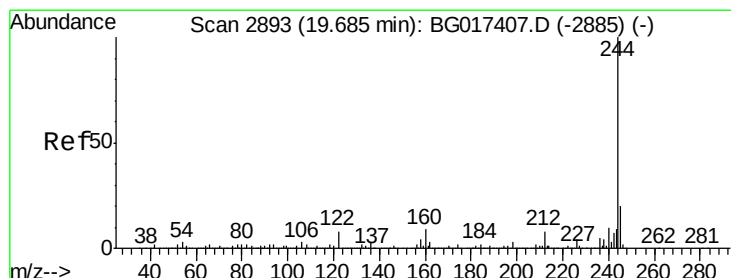
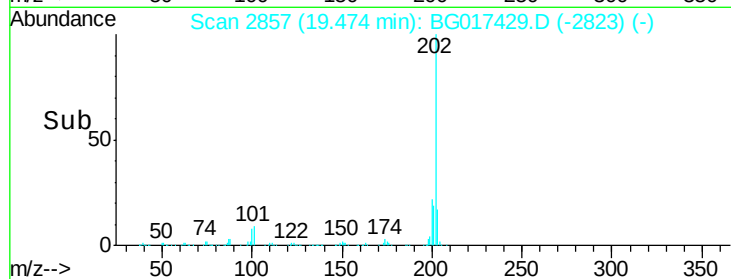
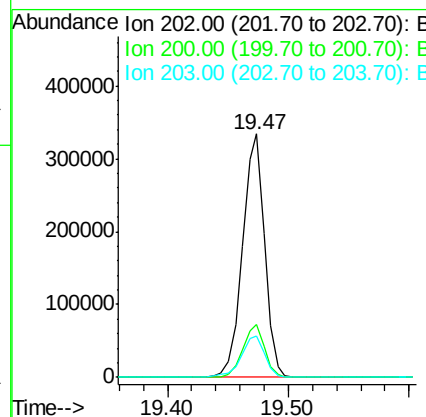
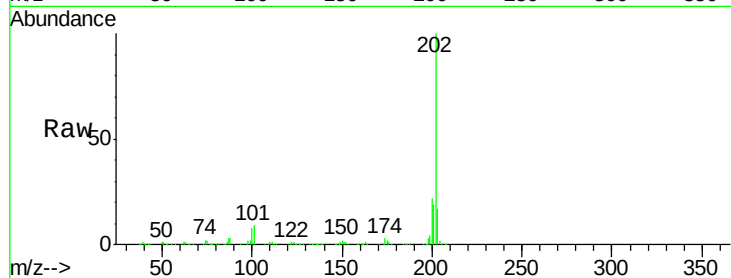
Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

Tgt Ion:	202	Resp:	425125
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.4
203	16.8	13.9	20.9



#78

Terphenyl-d14

Concen: 90.43 ng

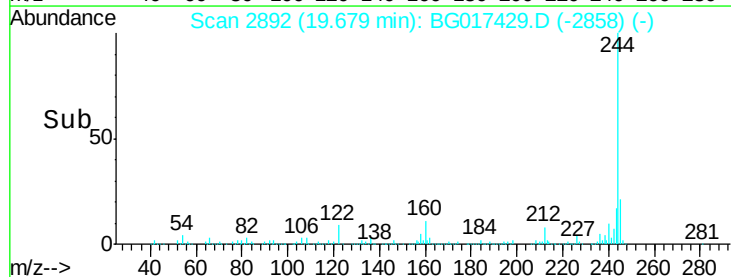
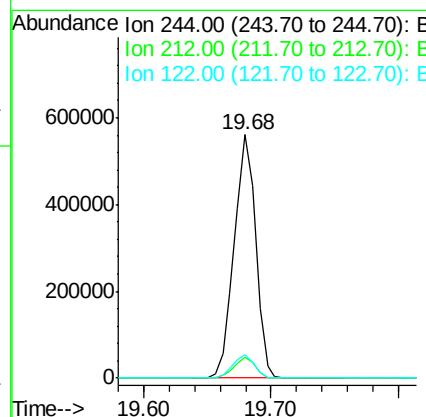
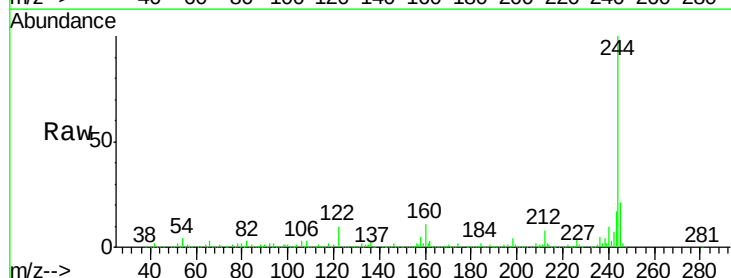
RT: 19.68 min Scan# 2892

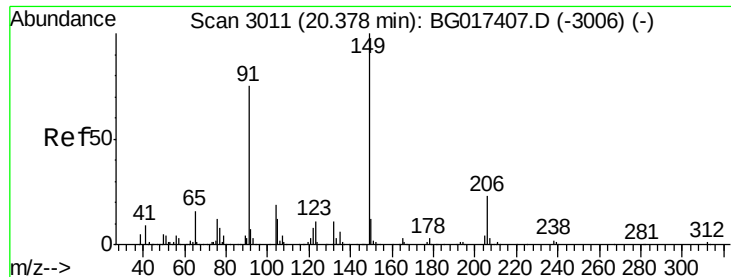
Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Tgt Ion:	244	Resp:	653667
Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.4	9.6
122	9.8	6.6	10.0

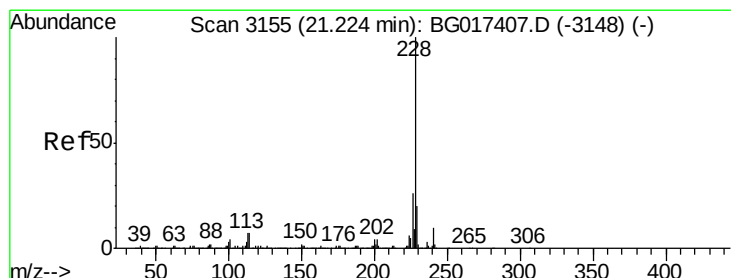
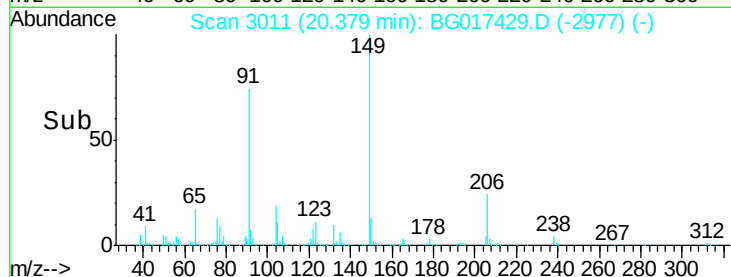
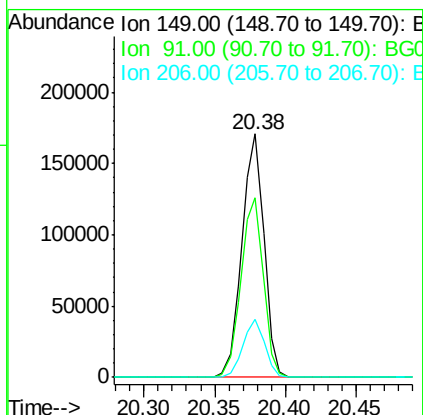
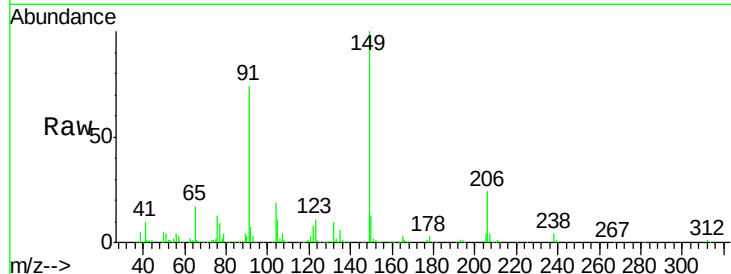




#79
Butylbenzylphthalate
Concen: 46.96 ng
RT: 20.38 min Scan# 3011
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

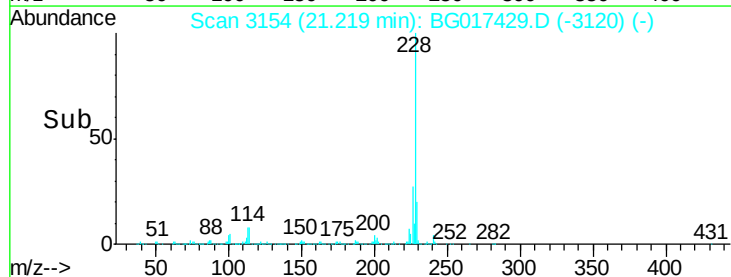
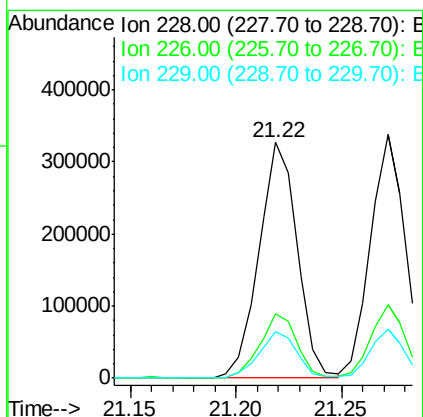
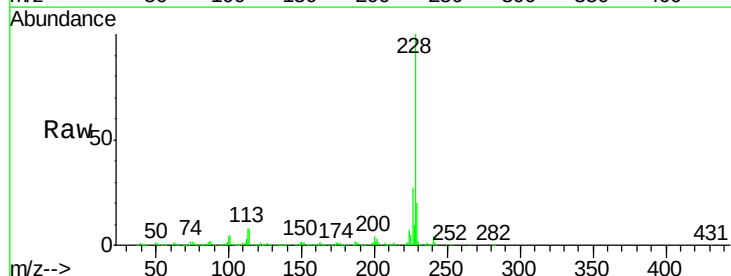
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

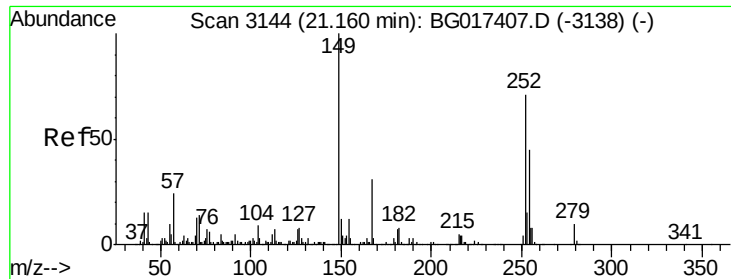
Tgt Ion:149 Resp: 187033
Ion Ratio Lower Upper
149 100
91 73.8 59.8 89.6
206 23.6 18.2 27.2



#80
Benzo(a)anthracene
Concen: 44.74 ng
RT: 21.22 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion:228 Resp: 411063
Ion Ratio Lower Upper
228 100
226 27.2 21.0 31.6
229 19.6 15.7 23.5

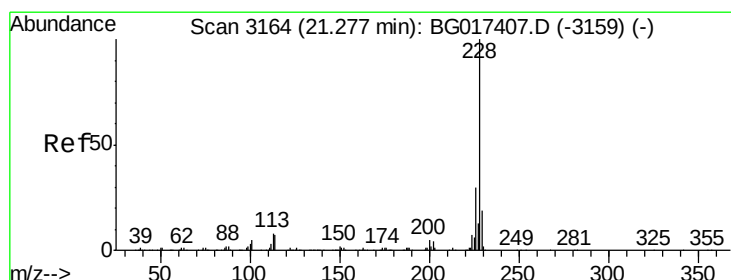
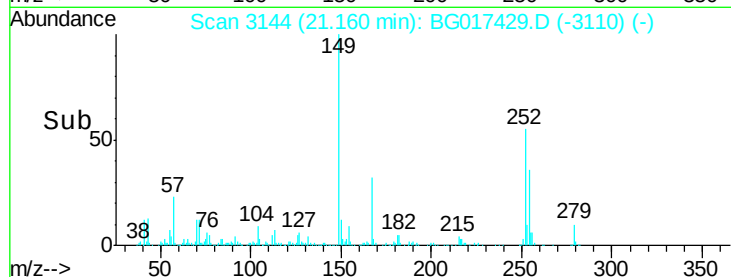
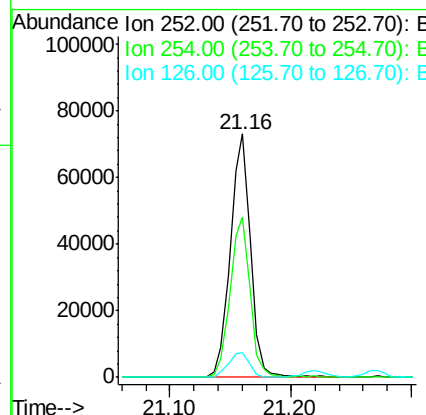
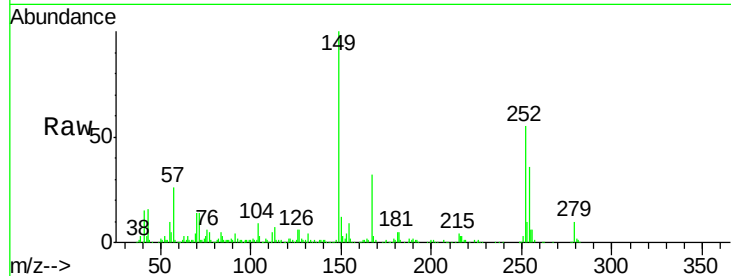




#81
 3,3'-Dichlorobenzidine
 Concen: 24.53 ng
 RT: 21.16 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

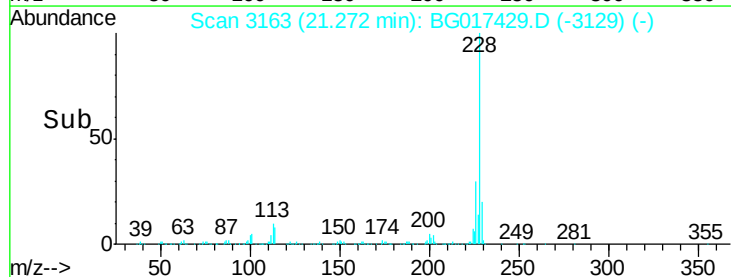
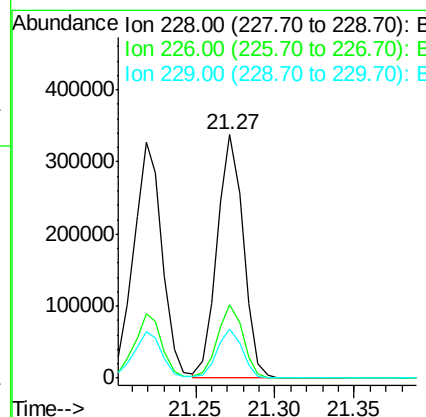
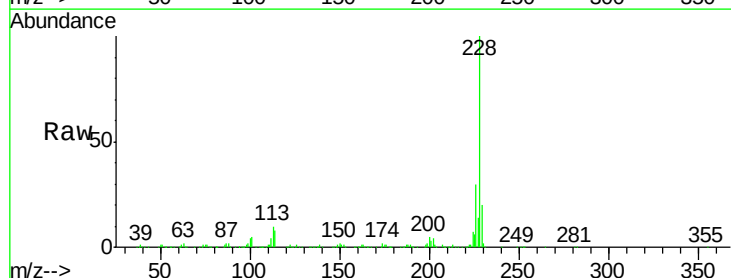
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

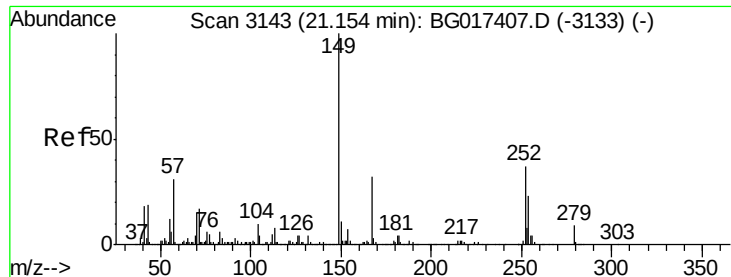
Tgt Ion: 252 Resp: 84211
 Ion Ratio Lower Upper
 252 100
 254 66.0 51.1 76.7
 126 10.1 8.2 12.2



#82
 Chrysene
 Concen: 46.46 ng
 RT: 21.27 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion: 228 Resp: 386587
 Ion Ratio Lower Upper
 228 100
 226 30.4 23.7 35.5
 229 20.2 15.2 22.8

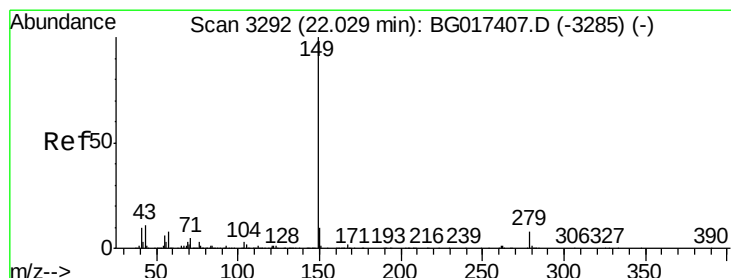
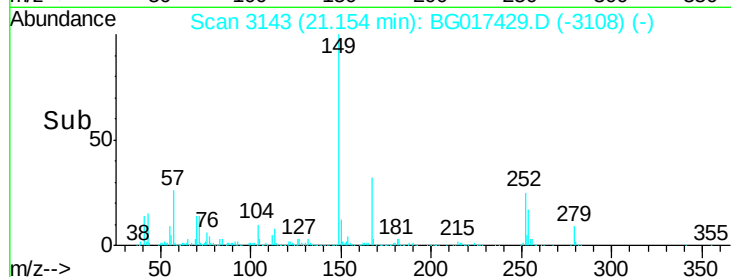
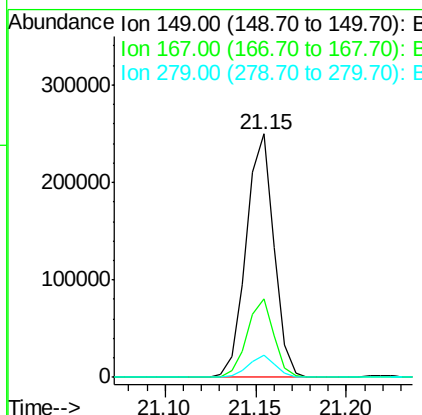
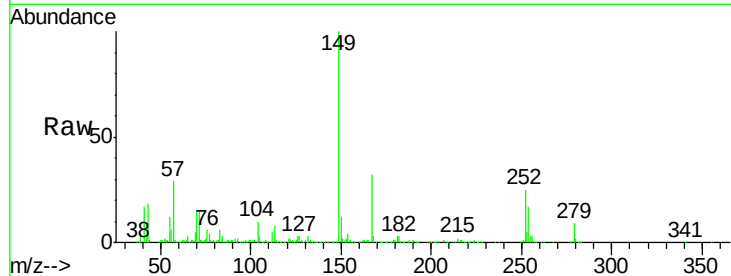




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.22 ng
 RT: 21.15 min Scan# 3143
 Delta R.T. 0.01 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

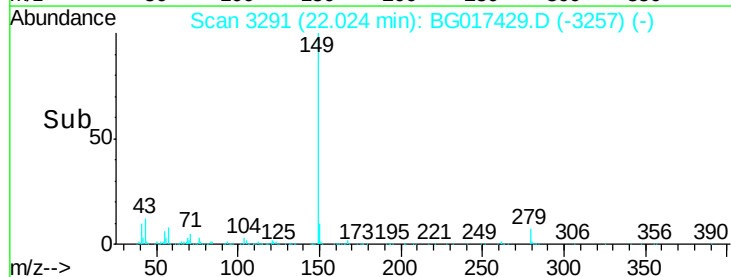
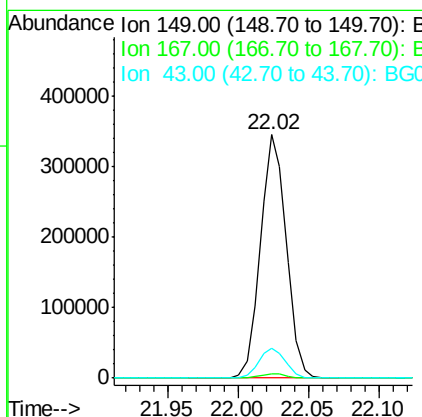
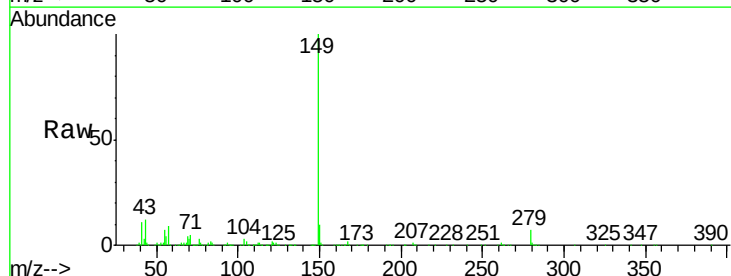
Instrument :
 BNA_G
 ClientSampleId :
 PENRD8.1(4)MS

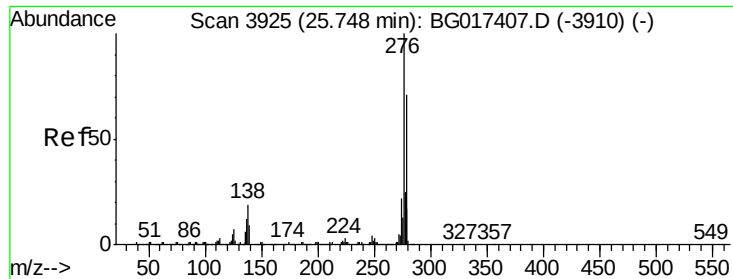
Tgt Ion:149 Resp: 265423
 Ion Ratio Lower Upper
 149 100
 167 32.2 25.4 38.2
 279 8.9 7.1 10.7



#84
 Di-n-octyl phthalate
 Concen: 46.24 ng
 RT: 22.02 min Scan# 3291
 Delta R.T. -0.00 min
 Lab File: BG017429.D
 Acq: 4 Jun 2015 5:42

Tgt Ion:149 Resp: 445218
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.2
 43 12.2 9.8 14.6

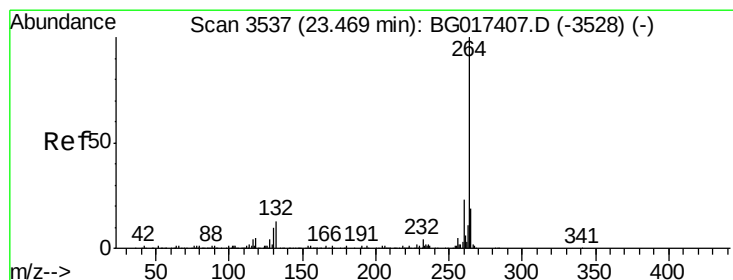
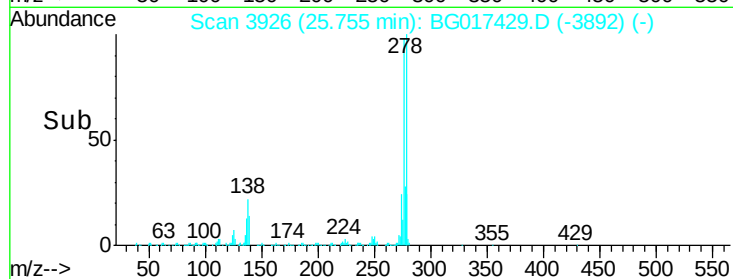
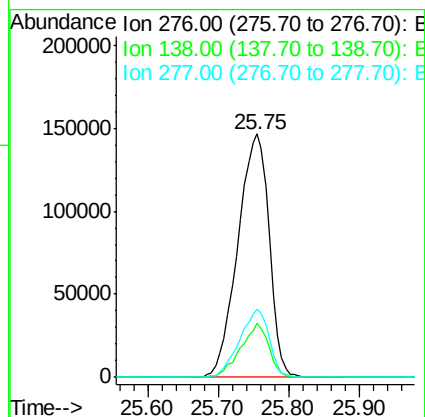
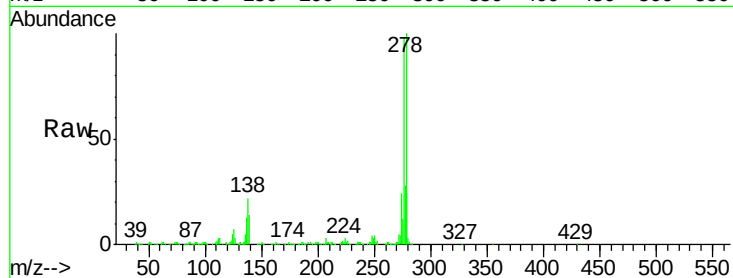




#85
Indeno(1,2,3-cd)pyrene
Concen: 43.16 ng
RT: 25.75 min Scan# 3926
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

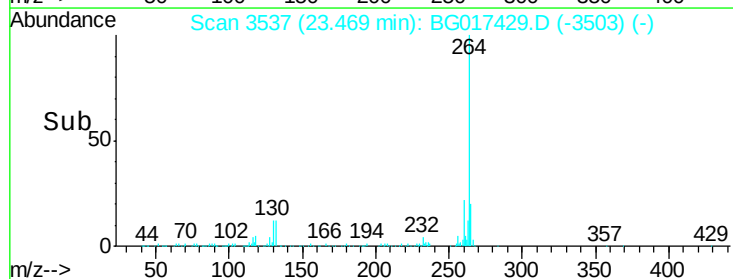
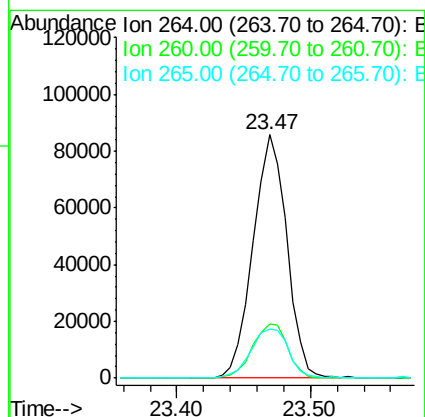
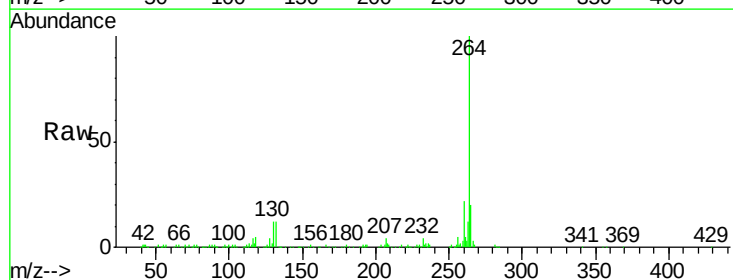
Instrument :
BNA_G
ClientSampleId :
PENRD8.1(4)MS

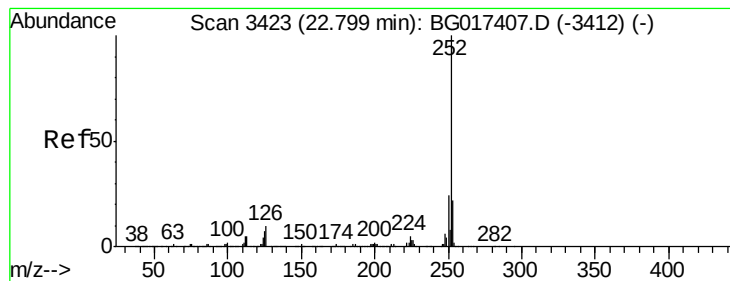
Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.9	15.4	23.0
277	26.5	20.5	30.7



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.47 min Scan# 3537
Delta R.T. -0.00 min
Lab File: BG017429.D
Acq: 4 Jun 2015 5:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.2	27.4
265	20.2	15.8	23.6





#87

Benzo(b)fluoranthene

Concen: 44.55 ng

RT: 22.80 min Scan# 3423

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

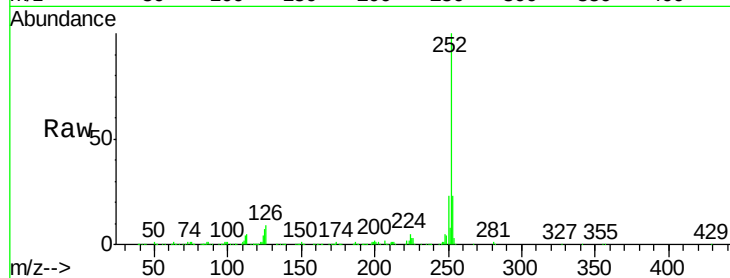
Tgt Ion:252 Resp: 422489

Ion Ratio Lower Upper

252 100

253 22.6 17.4 26.2

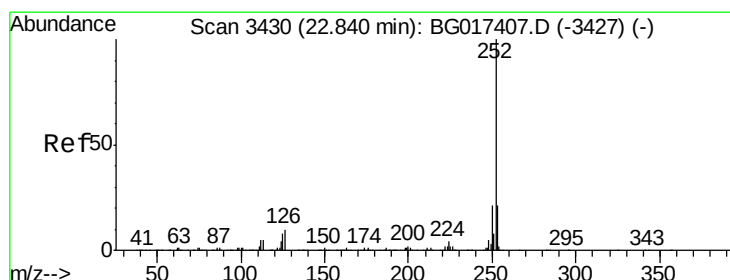
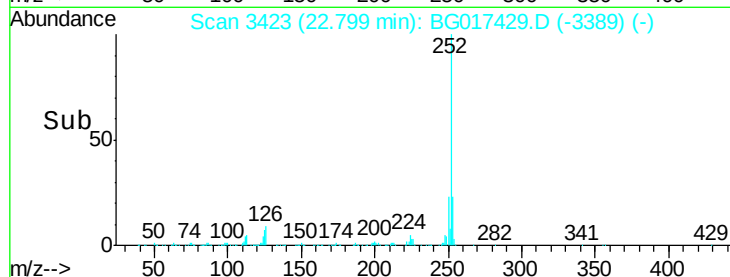
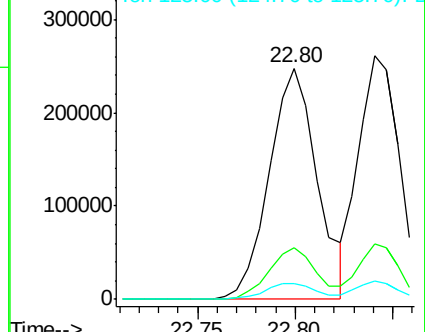
125 6.9 5.8 8.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.69 ng

RT: 22.84 min Scan# 3430

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

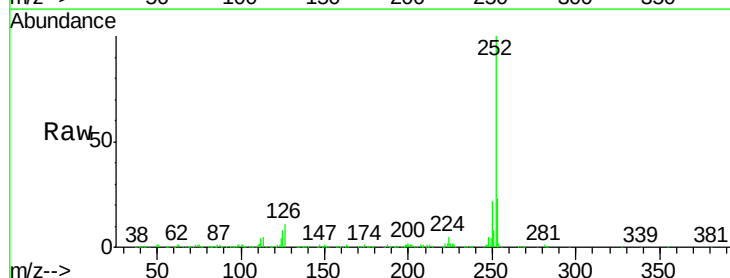
Tgt Ion:252 Resp: 378352

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

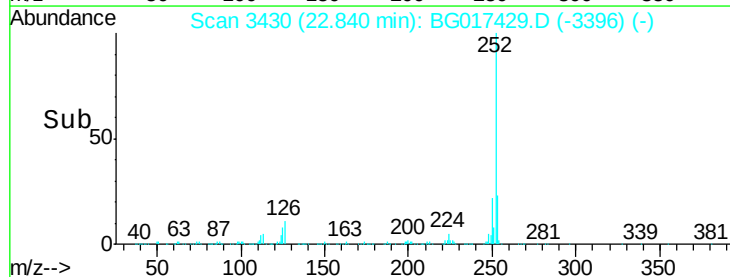
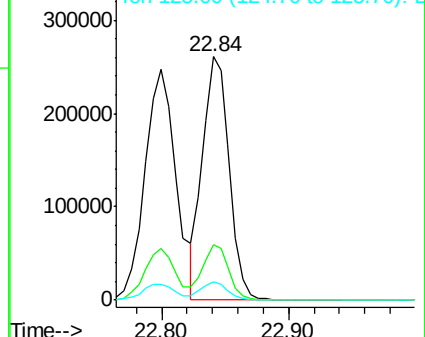
125 7.7 6.5 9.7

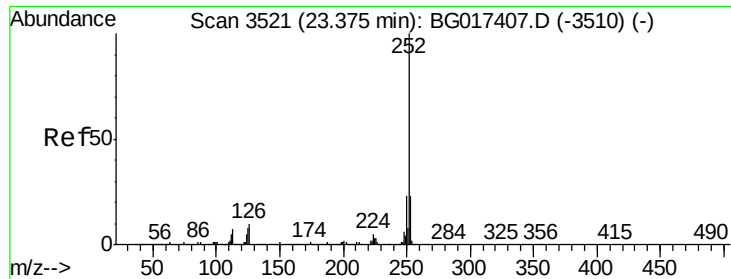


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.87 ng

RT: 23.38 min Scan# 3521

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

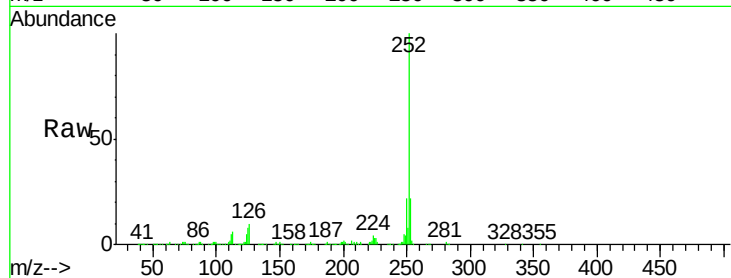
Tgt Ion:252 Resp: 390272

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

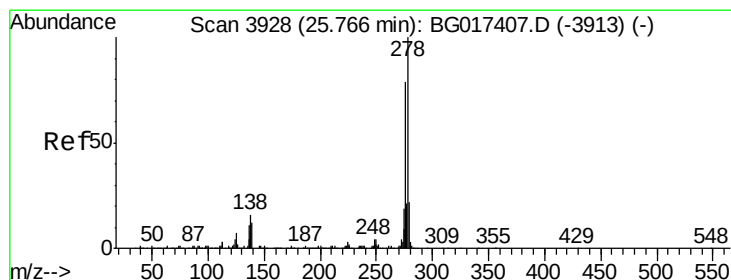
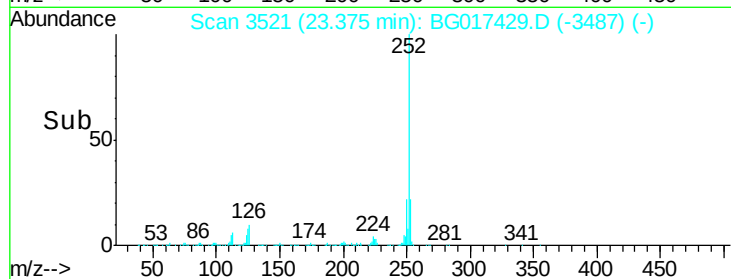
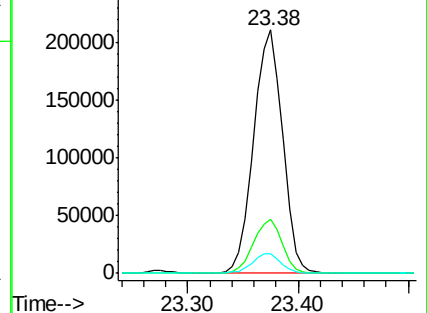
125 7.9 6.5 9.7



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: 42.64 ng

RT: 25.76 min Scan# 3927

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

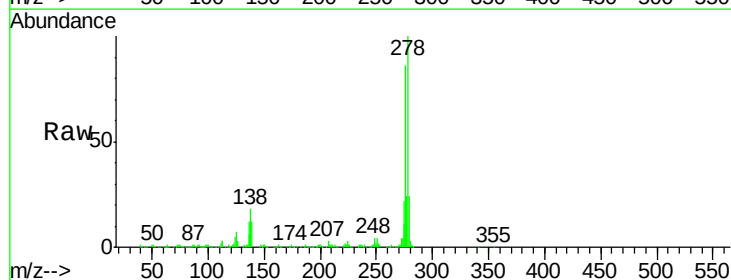
Tgt Ion:278 Resp: 385349

Ion Ratio Lower Upper

278 100

139 12.1 9.4 14.0

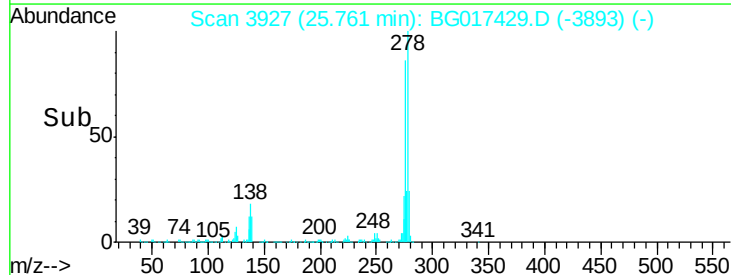
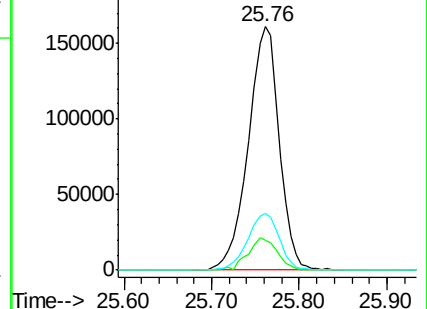
279 23.5 17.8 26.8

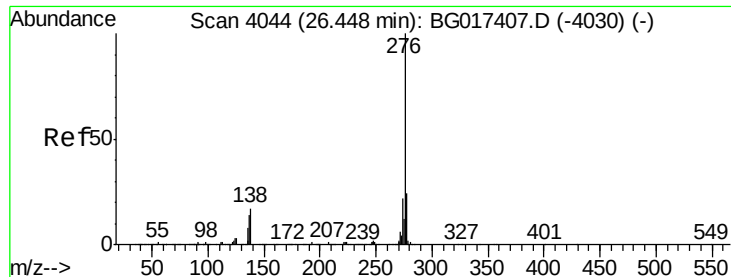


Abundance Ion 278.00 (277.70 to 278.70): E

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: 43.06 ng

RT: 26.45 min Scan# 4044

Delta R.T. -0.00 min

Lab File: BG017429.D

Acq: 4 Jun 2015 5:42

Instrument :

BNA_G

ClientSampleId :

PENRD8.1(4)MS

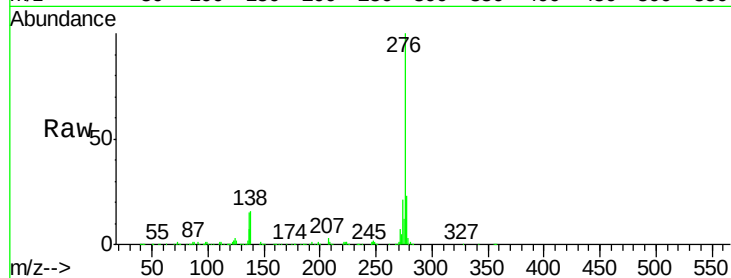
Tgt Ion: 276 Resp: 370390

Ion Ratio Lower Upper

276 100

277 22.7 19.2 28.8

138 16.5 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

