

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016452.D
 Acq On : 16 Apr 2015 10:04
 Operator : TP/IZ
 Sample : G1829-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Quant Time: Apr 16 13:53:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	77894	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	358542	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	228453	20.00	ng	-0.01
63) Phenanthrene-d10	17.05	188	479790	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	383604	20.00	ng	0.00
86) Perylene-d12	23.46	264	359764	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	276914	56.11	ng	0.00
7) Phenol-d6	6.86	99	248304	33.51	ng	0.00
23) Nitrobenzene-d5	8.82	82	532183	85.98	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	229021	148.23	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1170523	87.24	ng	0.00
78) Terphenyl-d14	19.68	244	1278184	77.98	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.14	88	30842	13.75	ng	94
3) Pyridine	3.54	79	70717	10.55	ng	93
4) n-Nitrosodimethylamine	3.45	42	26529	13.31	ng	# 99
6) Aniline	7.00	93	173713	16.42	ng	97
8) 2-Chlorophenol	7.23	128	211716	35.72	ng	95
9) Benzaldehyde	6.81	77	74587	17.19	ng	97
10) Phenol	6.89	94	96468	12.17	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	247878	39.21	ng	98
12) 1,3-Dichlorobenzene	7.56	146	248510	41.52	ng	97
13) 1,4-Dichlorobenzene	7.70	146	254927	41.06	ng	96
14) 1,2-Dichlorobenzene	8.01	146	245880	41.41	ng	98
15) Benzyl Alcohol	7.91	79	119072	23.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	263863	37.06	ng	98
17) 2-Methylphenol	8.13	107	145682	27.40	ng	95
18) Hexachloroethane	8.74	117	92217	38.82	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	188296	35.47	ng	97
20) 3+4-Methylphenols	8.45	107	176826	24.01	ng	98
22) Acetophenone	8.48	105	360787	43.40	ng	# 99
24) Nitrobenzene	8.87	77	271939	41.09	ng	92
25) Isophorone	9.38	82	523686	38.10	ng	97
26) 2-Nitrophenol	9.57	139	149846	48.55	ng	96
27) 2,4-Dimethylphenol	9.65	122	224587	39.07	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	327138	41.70	ng	98
29) 2,4-Dichlorophenol	10.11	162	225100	49.48	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	221589	46.66	ng	98
31) Naphthalene	10.50	128	822100	44.00	ng	99
32) Benzoic acid	9.74	122	25963	14.40	ng	97
33) 4-Chloroaniline	10.62	127	217476	24.81	ng	97
34) Hexachlorobutadiene	10.78	225	94664	45.38	ng	99
35) Caprolactam	11.39	113	16672	5.82	ng	97
36) 4-Chloro-3-methylphenol	11.76	107	257522	42.85	ng	93
37) 2-Methylnaphthalene	12.12	142	622312	46.30	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.49	216	220716	43.88	ng	99
40) Hexachlorocyclopentadiene	12.47	237	168029	72.98	ng	99

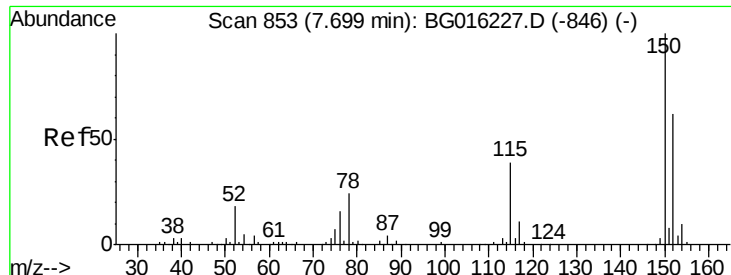
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016452.D
 Acq On : 16 Apr 2015 10:04
 Operator : TP/IZ
 Sample : G1829-09MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Apr 16 13:53:37 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.74	196	179264	47.96	ng	99
43) 2,4,5-Trichlorophenol	12.82	196	202366	50.67	ng	95
45) 1,1'-Biphenyl	13.14	154	774799	44.21	ng	97
46) 2-Chloronaphthalene	13.18	162	595215	44.59	ng	99
47) 2-Nitroaniline	13.40	65	189802	44.11	ng	90
48) Acenaphthylene	14.03	152	1028814	43.34	ng	98
49) Dimethylphthalate	13.77	163	742202	44.33	ng	99
50) 2,6-Dinitrotoluene	13.90	165	193097	47.68	ng	93
51) Acenaphthene	14.37	154	633211	44.64	ng	99
52) 3-Nitroaniline	14.22	138	158816	30.71	ng	93
53) 2,4-Dinitrophenol	14.44	184	199190	84.48	ng	92
54) Dibenzofuran	14.71	168	925182	47.00	ng	99
55) 4-Nitrophenol	14.56	139	122933	28.76	ng	95
56) 2,4-Dinitrotoluene	14.68	165	273279	49.55	ng	90
57) Fluorene	15.36	166	813446	46.84	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.94	232	157149	50.99	ng	94
59) Diethylphthalate	15.14	149	789468	44.30	ng	98
60) 4-Chlorophenyl-phenylether	15.35	204	337674	47.53	ng	96
61) 4-Nitroaniline	15.39	138	227517	38.76	ng	95
62) Azobenzene	15.65	77	832057	43.86	ng	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	140639	42.16	ng	95
65) n-Nitrosodiphenylamine	15.58	169	681907	42.04	ng	99
66) 4-Bromophenyl-phenylether	16.25	248	182142	47.55	ng	96
67) Hexachlorobenzene	16.36	284	186110	46.74	ng	95
68) Atrazine	16.53	200	227502	50.33	ng	99
69) Pentachlorophenol	16.71	266	212923	87.58	ng	97
70) Phenanthrene	17.10	178	1205676	44.68	ng	99
71) Anthracene	17.19	178	1206501	45.11	ng	99
72) Carbazole	17.46	167	1198035	44.64	ng	98
73) Di-n-butylphthalate	18.02	149	1421209	43.27	ng	99
74) Fluoranthene	19.11	202	1189309	42.76	ng	97
76) Benzidine	19.30	184	113238	6.96	ng	98
77) Pyrene	19.48	202	1220705	45.70	ng	98
79) Butylbenzylphthalate	20.38	149	652363	49.71	ng	94
80) Benzo(a)anthracene	21.22	228	1040731	45.91	ng	99
81) 3,3'-Dichlorobenzidine	21.15	252	210328	28.21	ng	98
82) Chrysene	21.27	228	979987	44.77	ng	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	912703	51.37	ng	96
84) Di-n-octyl phthalate	22.02	149	1454272	50.24	ng	99
85) Indeno(1,2,3-cd)pyrene	25.75	276	1107975	48.73	ng	98
87) Benzo(b)fluoranthene	22.79	252	1008392	47.86	ng	99
88) Benzo(k)fluoranthene	22.84	252	949507	46.05	ng	98
89) Benzo(a)pyrene	23.37	252	952140	48.21	ng	99
90) Dibenzo(a,h)anthracene	25.75	278	926027	48.19	ng	98
91) Benzo(g,h,i)perylene	26.45	276	943323	49.15	ng	96

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

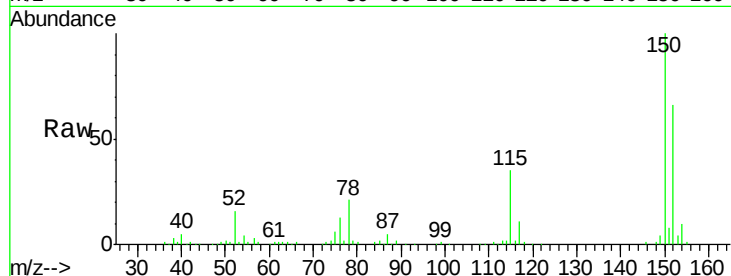


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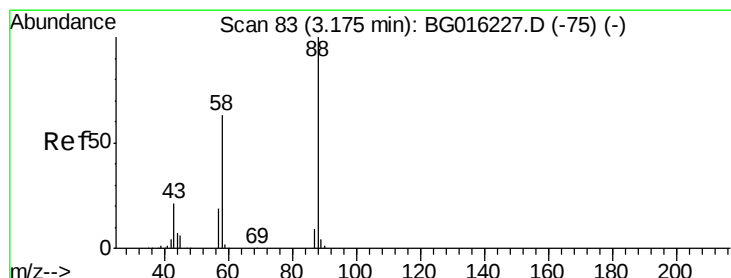
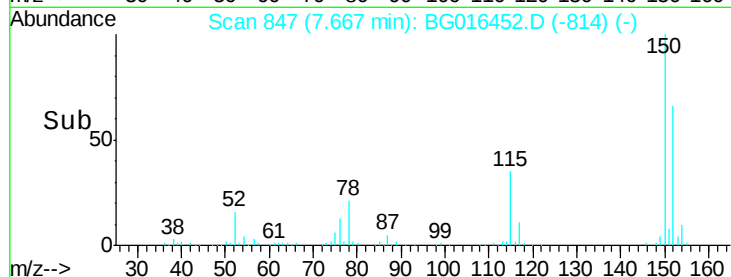
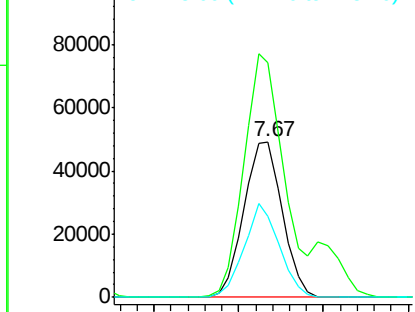
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:152 Resp: 77894
 Ion Ratio Lower Upper
 152 100
 150 151.0 130.1 195.1
 115 52.2 50.5 75.7



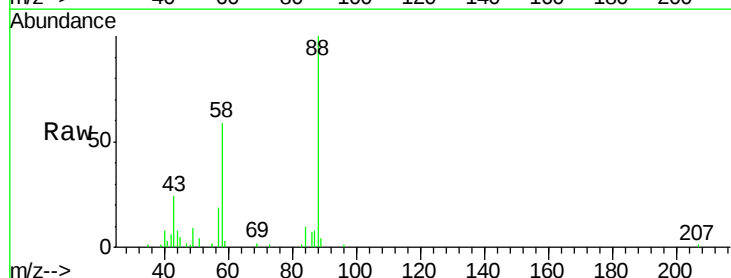
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



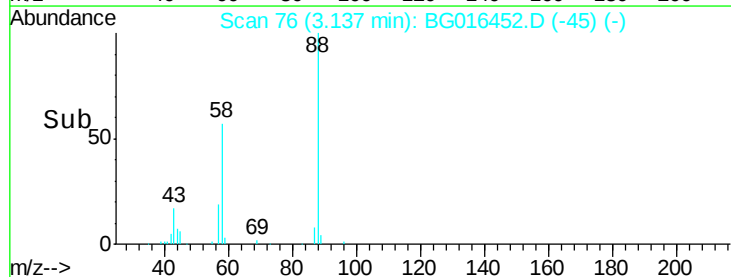
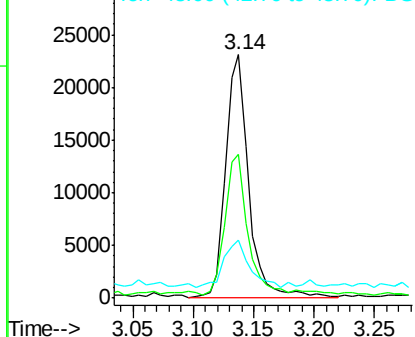
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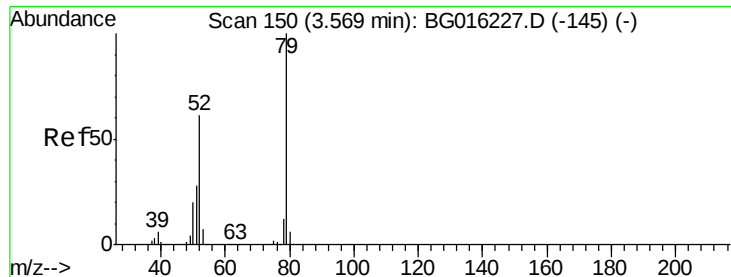
1,4-Dioxane
 Concen: 13.75 ng
 RT: 3.14 min Scan# 76
 Delta R.T. -0.02 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion: 88 Resp: 30842
 Ion Ratio Lower Upper
 88 100
 58 57.7 50.6 76.0
 43 20.9 17.0 25.4



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: 10.55 ng

RT: 3.54 min Scan# 144

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

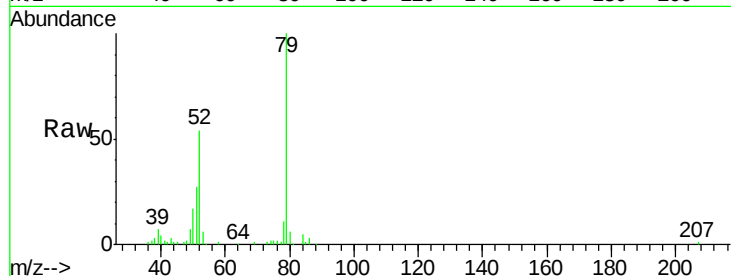
Tgt Ion: 79 Resp: 70717

Ion Ratio Lower Upper

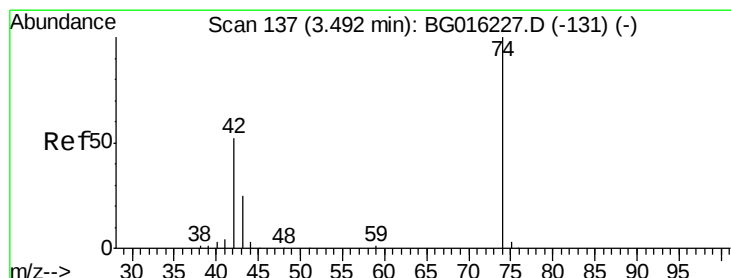
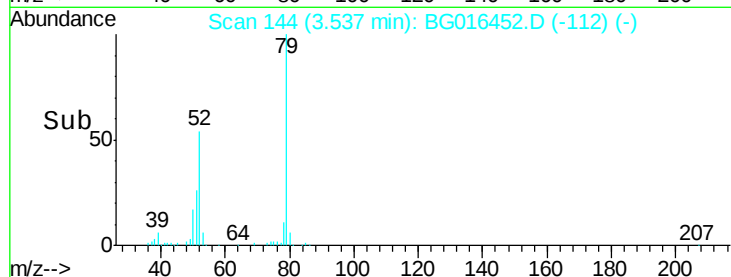
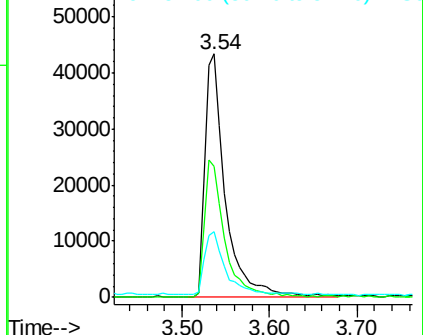
79 100

52 54.0 49.0 73.4

51 27.0 22.5 33.7



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: 13.31 ng

RT: 3.45 min Scan# 130

Delta R.T. -0.02 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

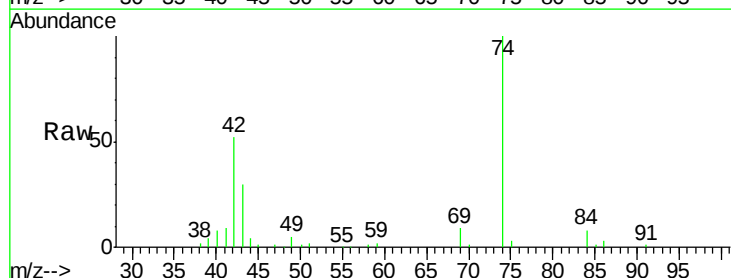
Tgt Ion: 42 Resp: 26529

Ion Ratio Lower Upper

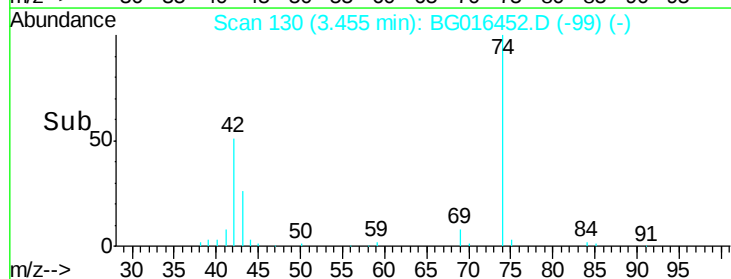
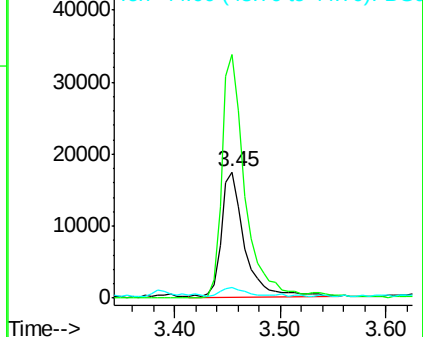
42 100

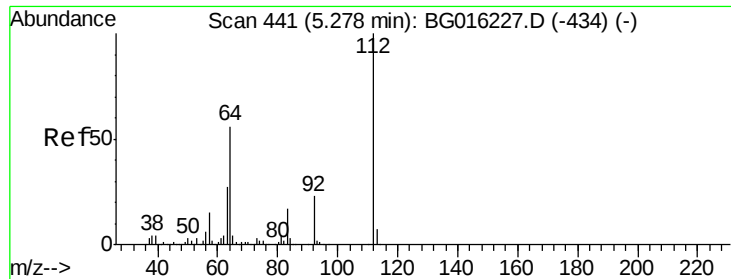
74 192.9 153.7 230.5

44 8.1 5.3 7.9#



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: 56.11 ng

RT: 5.26 min Scan# 437

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

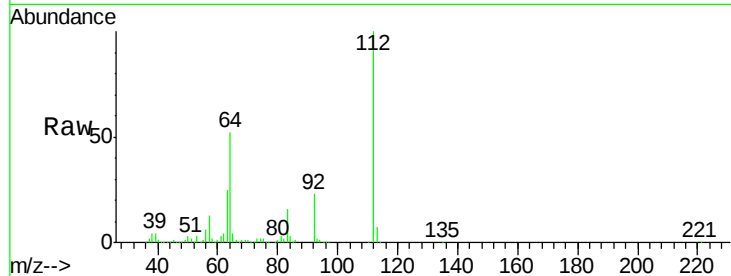
Tgt Ion: 112 Resp: 276914

Ion Ratio Lower Upper

112 100

64 52.0 44.5 66.7

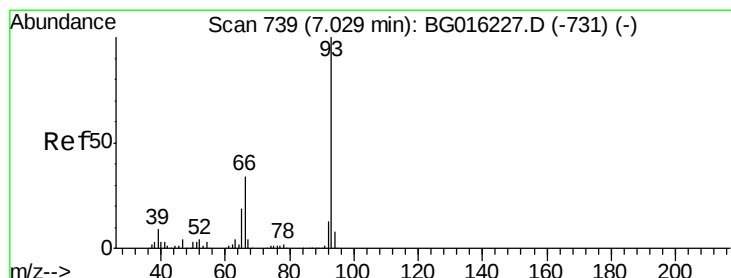
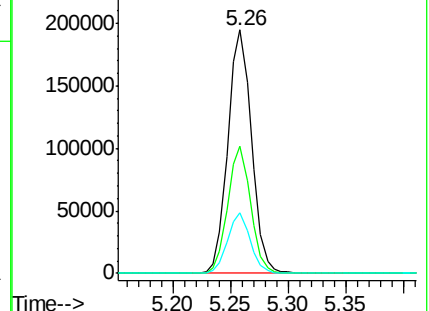
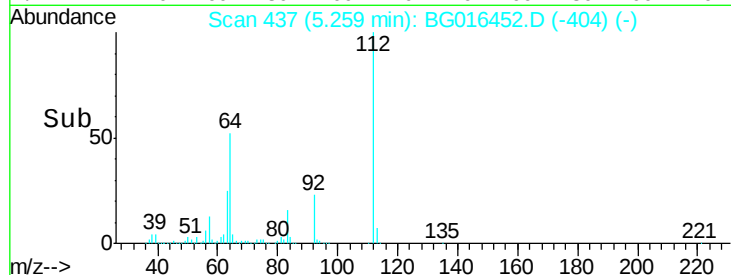
63 25.1 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 16.42 ng

RT: 7.00 min Scan# 733

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

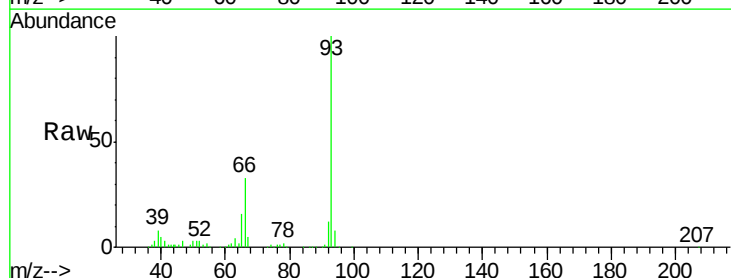
Tgt Ion: 93 Resp: 173713

Ion Ratio Lower Upper

93 100

66 33.3 27.5 41.3

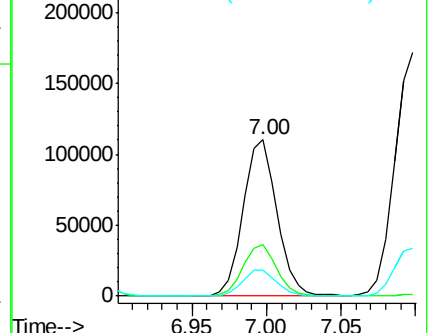
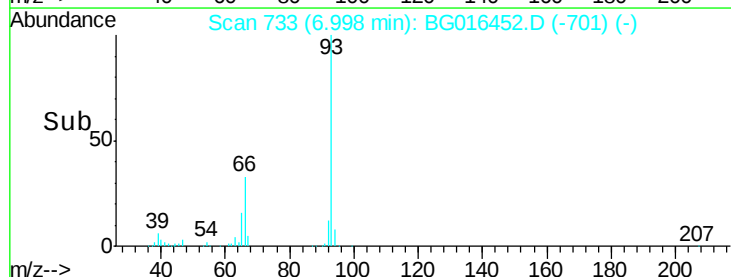
65 16.3 15.1 22.7

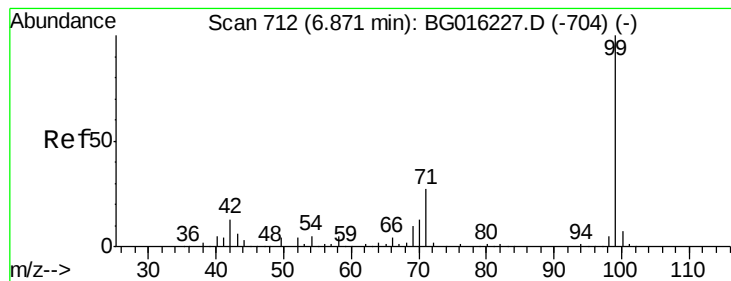


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 33.51 ng

RT: 6.86 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

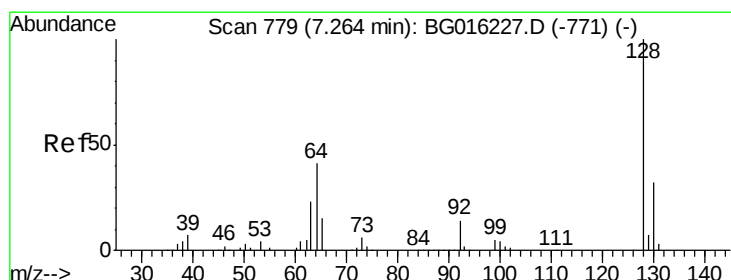
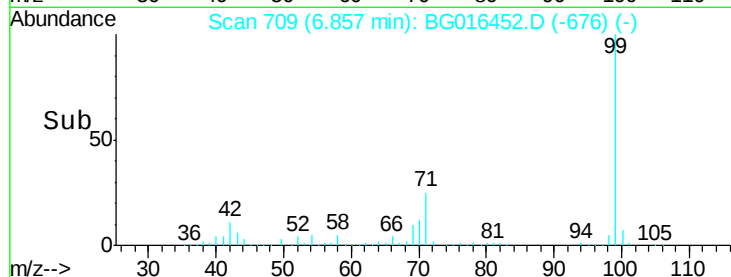
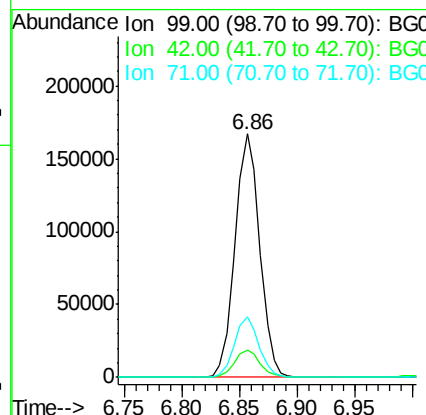
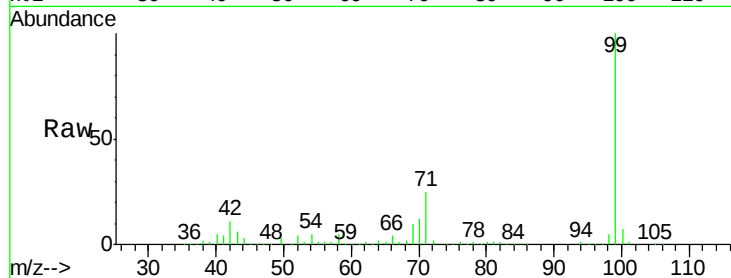
Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

Tgt Ion:	99	Resp:	248304
Ion	Ratio	Lower	Upper
99	100		
42	11.4	10.0	15.0
71	24.9	21.5	32.3



#8

2-Chlorophenol

Concen: 35.72 ng

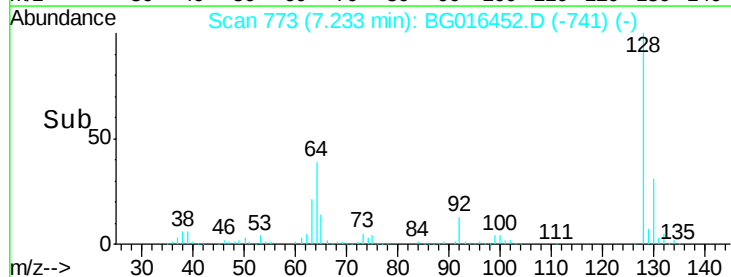
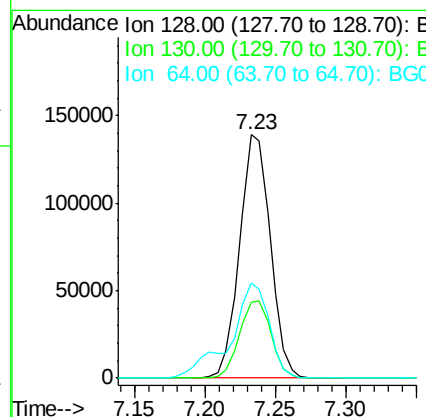
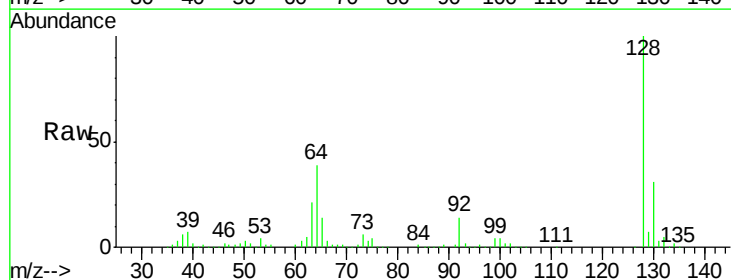
RT: 7.23 min Scan# 773

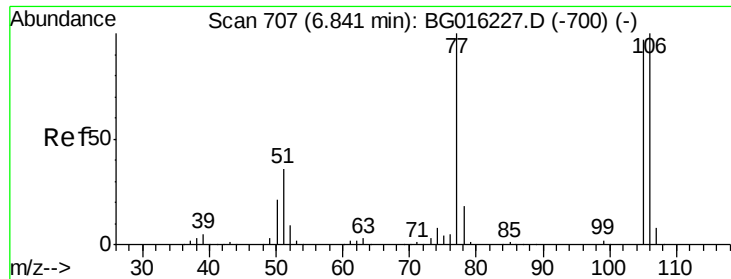
Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Tgt Ion:	128	Resp:	211716
Ion	Ratio	Lower	Upper
128	100		
130	31.3	11.6	51.6
64	39.0	24.2	64.2





#9

Benzaldehyde

Concen: 17.19 ng

RT: 6.81 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

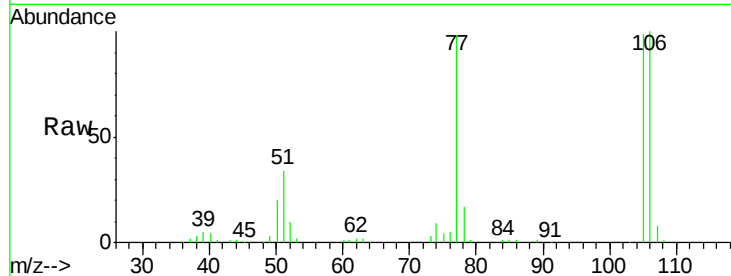
Tgt Ion: 77 Resp: 74587

Ion Ratio Lower Upper

77 100

105 100.7 76.8 116.8

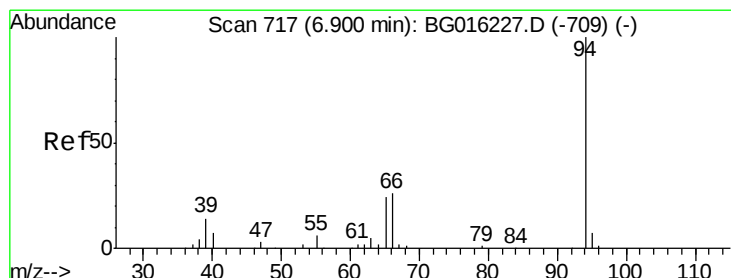
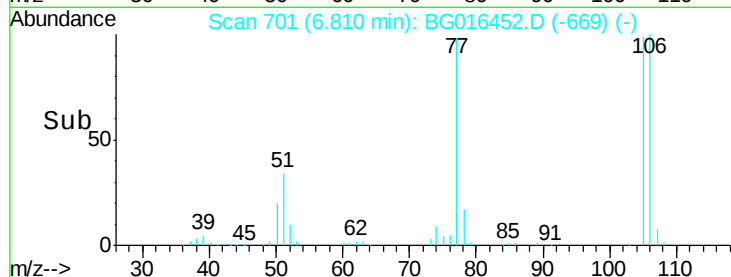
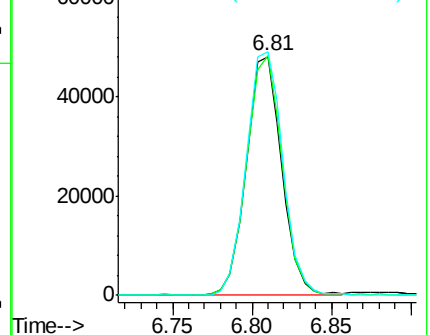
106 102.1 80.1 120.1



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: 12.17 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.00 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

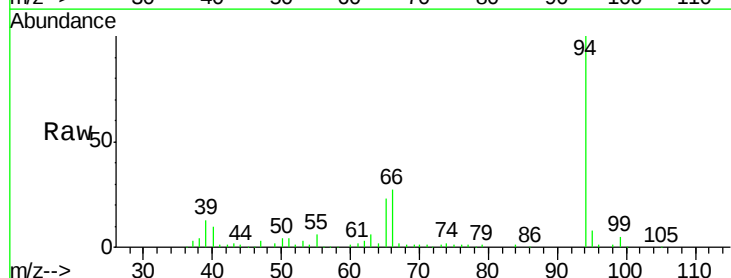
Tgt Ion: 94 Resp: 96468

Ion Ratio Lower Upper

94 100

65 22.8 3.8 43.8

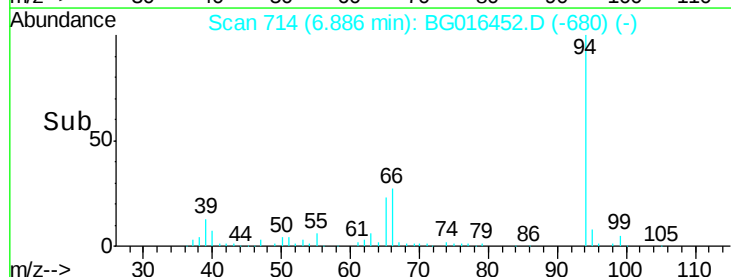
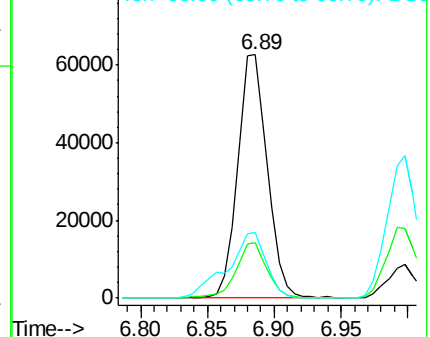
66 27.2 7.4 47.4

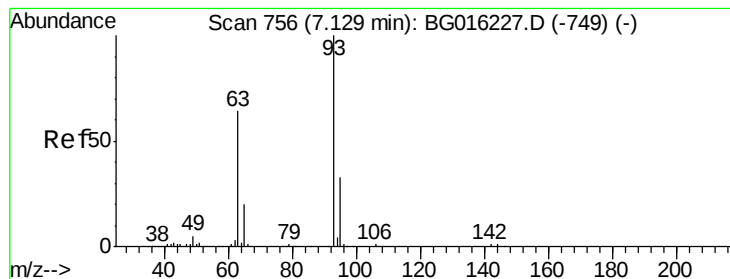


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.21 ng

RT: 7.10 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

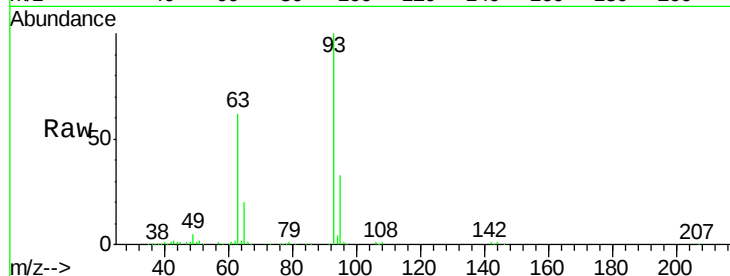
Tgt Ion: 93 Resp: 247878

Ion Ratio Lower Upper

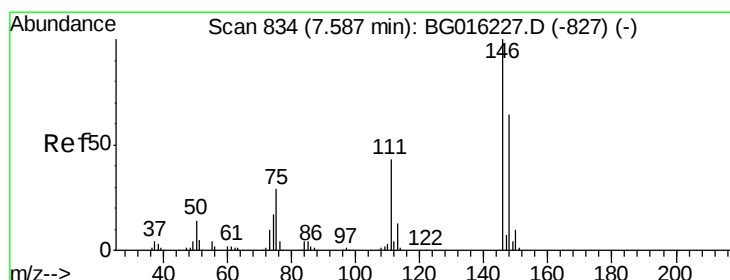
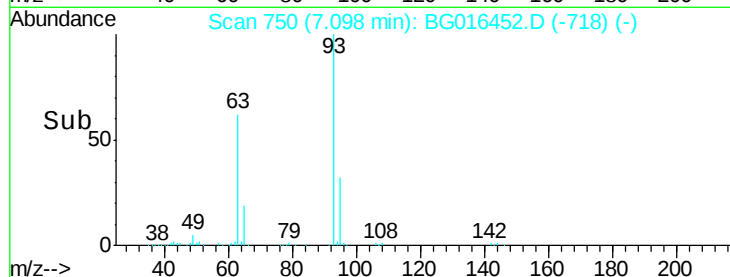
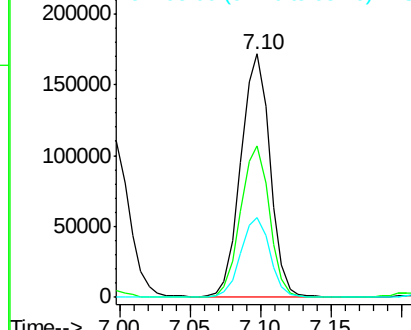
93 100

63 62.0 44.1 84.1

95 32.6 12.5 52.5



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: 41.52 ng

RT: 7.56 min Scan# 828

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

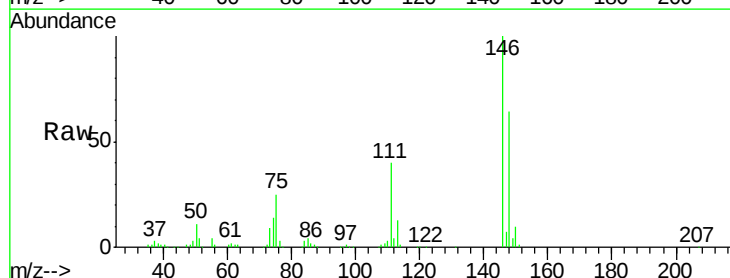
Tgt Ion: 146 Resp: 248510

Ion Ratio Lower Upper

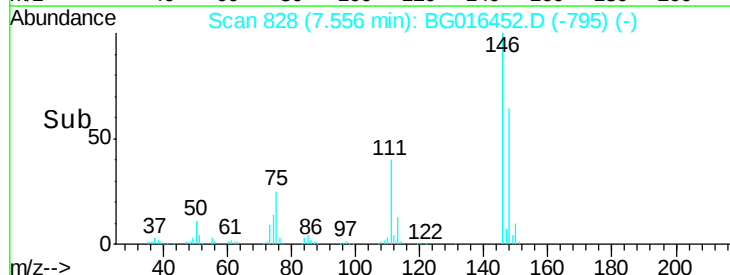
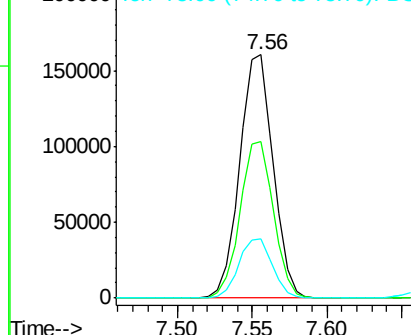
146 100

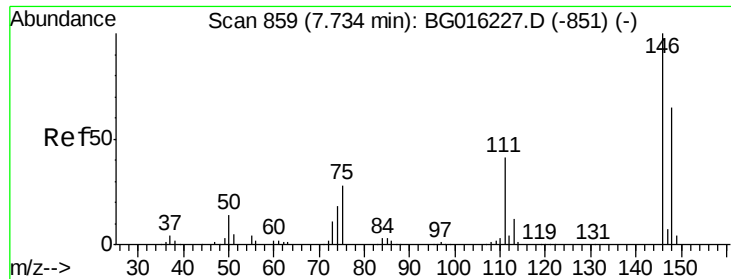
148 64.5 50.9 76.3

75 24.6 23.3 34.9



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

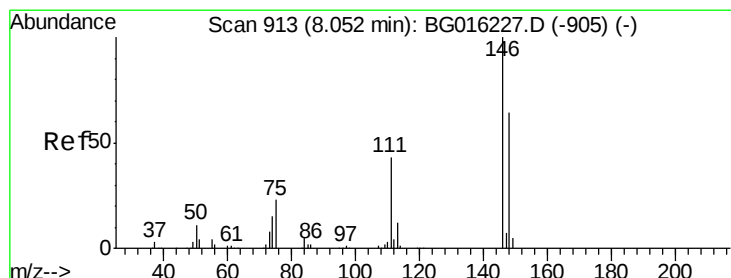
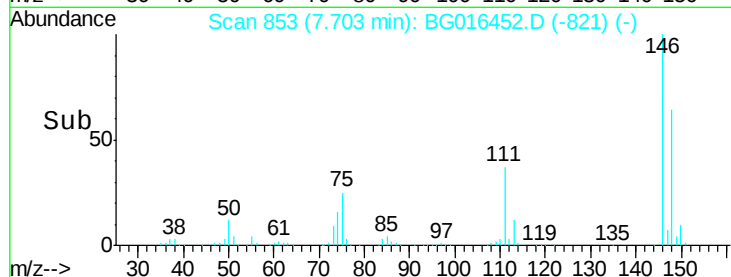
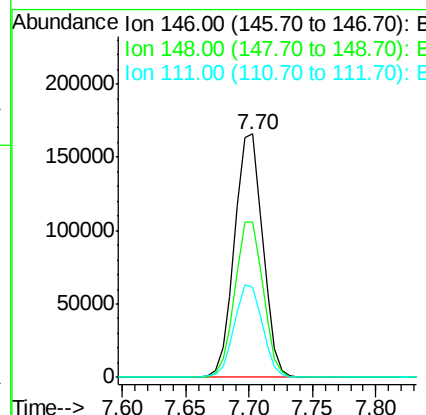
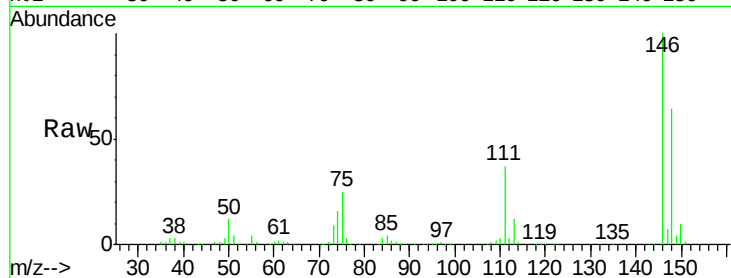




#13
 1,4-Dichlorobenzene
 Concen: 41.06 ng
 RT: 7.70 min Scan# 853
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

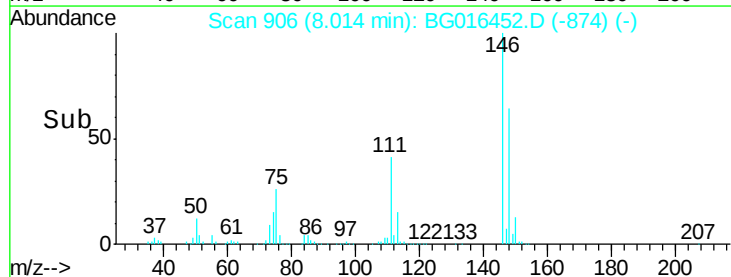
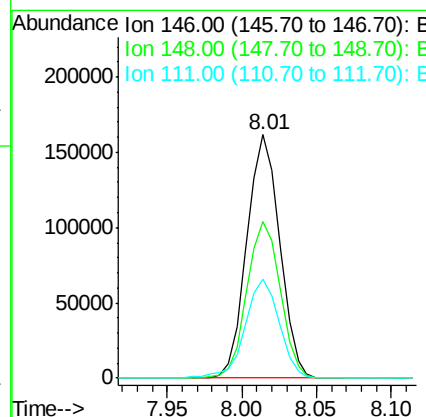
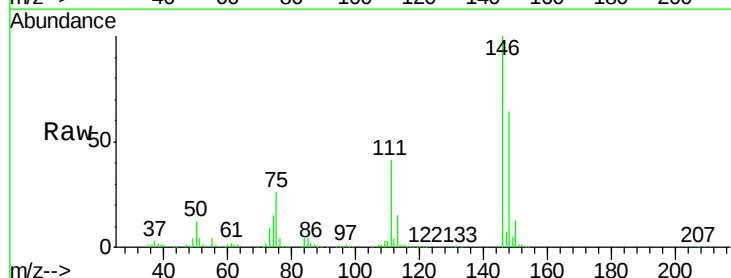
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

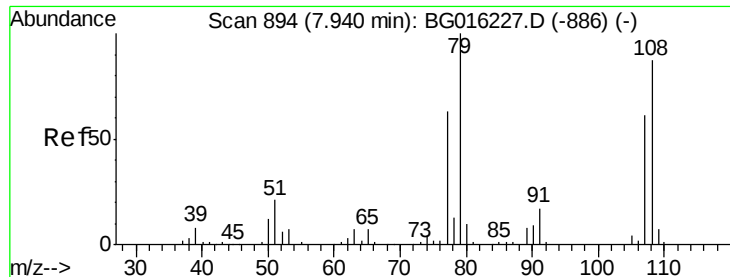
Tgt Ion:146 Resp: 254927
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 36.8 32.6 49.0



#14
 1,2-Dichlorobenzene
 Concen: 41.41 ng
 RT: 8.01 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:146 Resp: 245880
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.9 76.3
 111 40.7 34.7 52.1





#15

Benzyl Alcohol

Concen: 23.05 ng

RT: 7.91 min Scan# 888

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

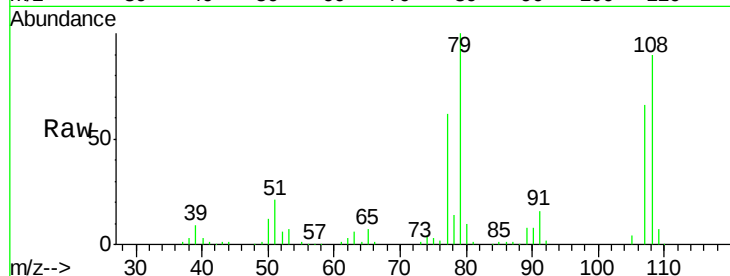
Tgt Ion: 79 Resp: 119072

Ion Ratio Lower Upper

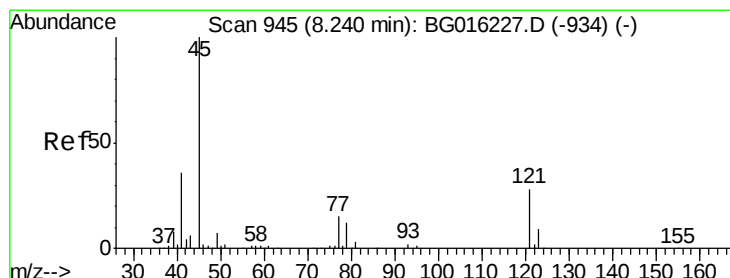
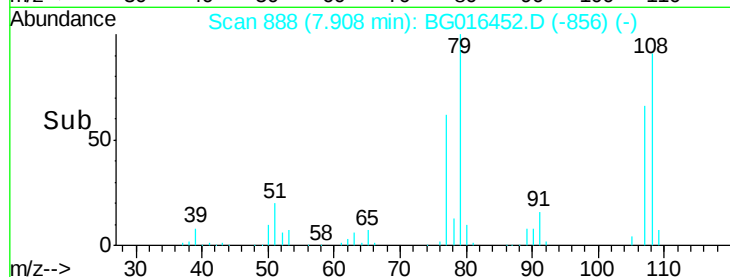
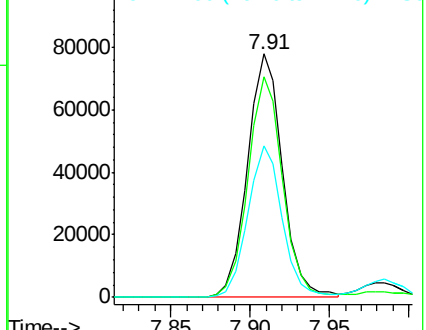
79 100

108 90.4 69.3 103.9

77 62.5 50.3 75.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.06 ng

RT: 8.20 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

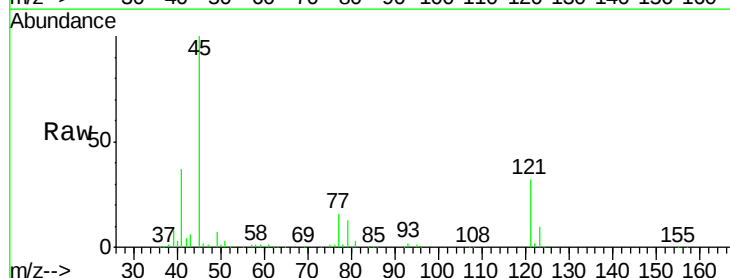
Tgt Ion: 45 Resp: 263863

Ion Ratio Lower Upper

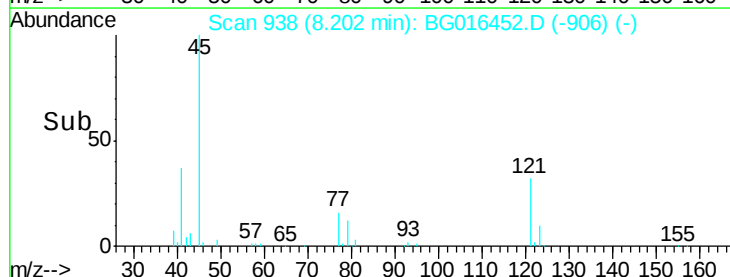
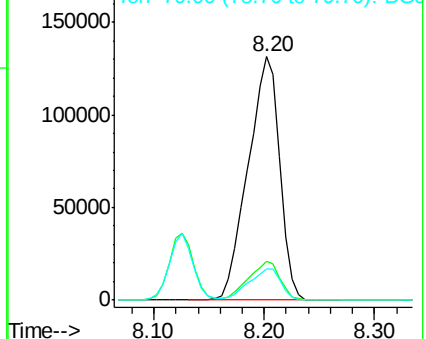
45 100

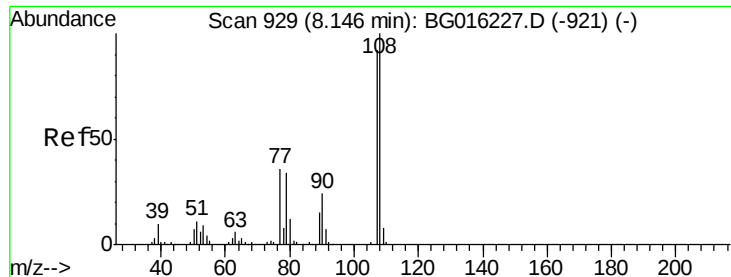
77 16.2 0.0 35.3

79 12.6 0.0 32.3



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

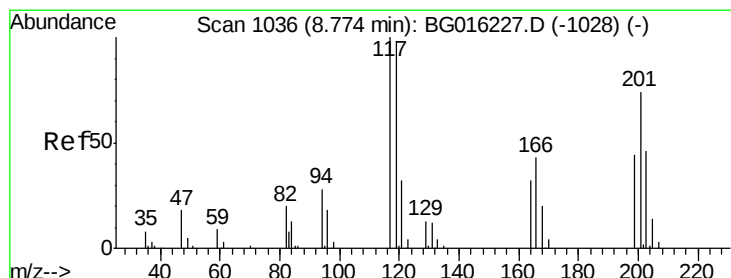
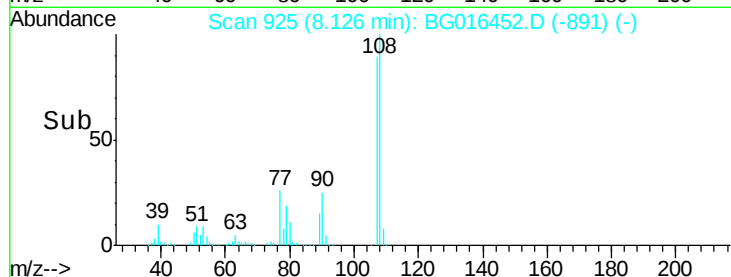
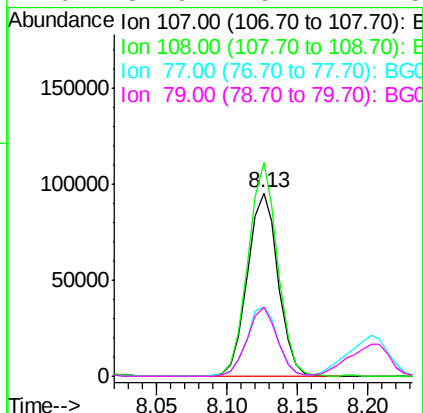
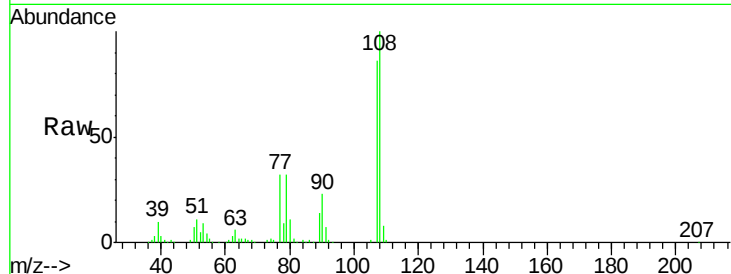




#17
2-Methylphenol
Concen: 27.40 ng
RT: 8.13 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

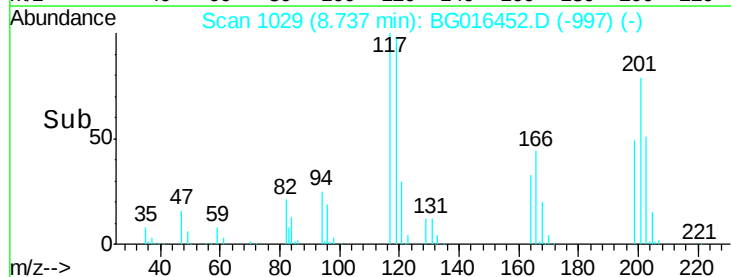
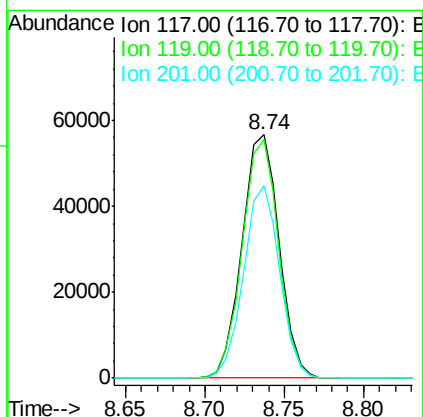
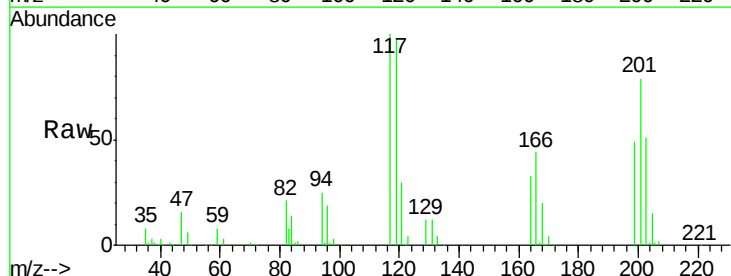
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

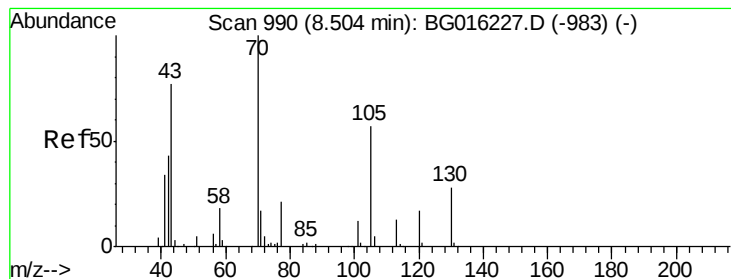
Tgt Ion:107 Resp: 145682
Ion Ratio Lower Upper
107 100
108 116.6 87.2 130.8
77 37.7 31.1 46.7
79 37.9 29.7 44.5



#18
Hexachloroethane
Concen: 38.82 ng
RT: 8.74 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:117 Resp: 92217
Ion Ratio Lower Upper
117 100
119 97.8 78.8 118.2
201 78.8 59.0 88.4





#19

n-Nitroso-di-n-propylamine

Concen: 35.47 ng

RT: 8.47 min Scan# 984

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

Tgt Ion: 70 Resp: 188296

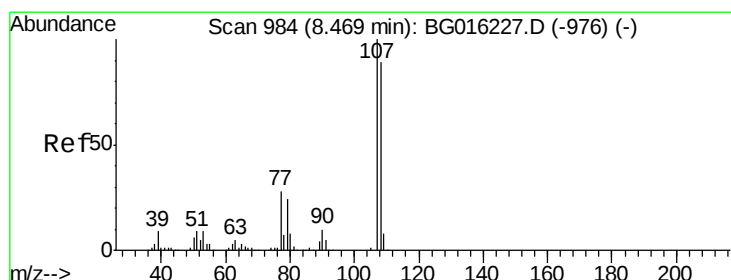
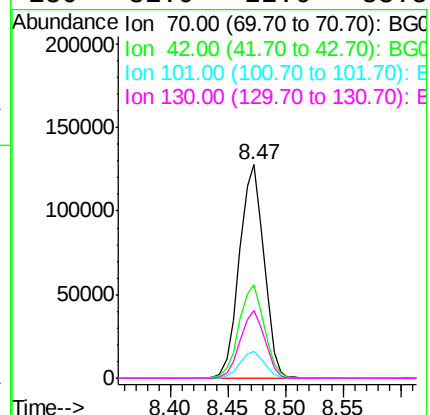
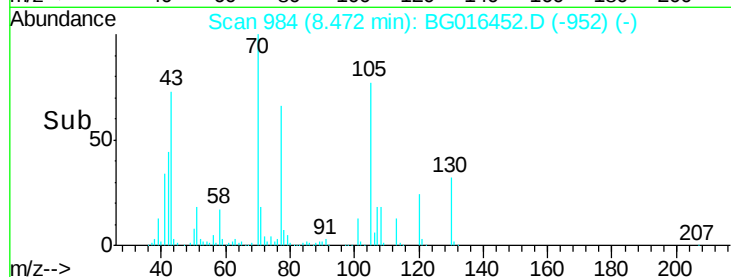
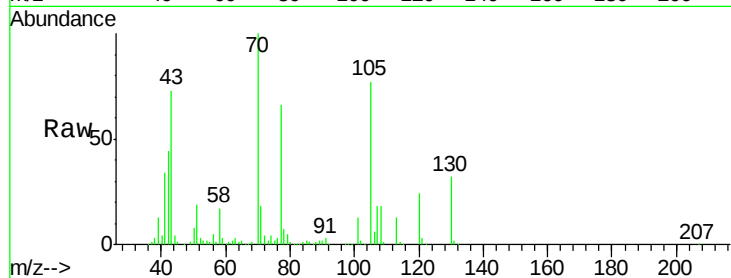
Ion Ratio Lower Upper

70 100

42 43.6 34.7 52.1

101 12.6 9.2 13.8

130 31.9 22.6 33.8



#20

3+4-Methylphenols

Concen: 24.01 ng

RT: 8.45 min Scan# 980

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Tgt Ion: 107 Resp: 176826

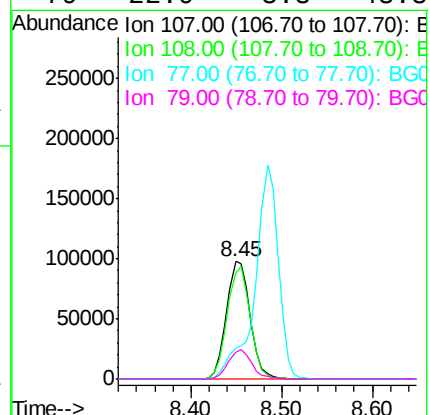
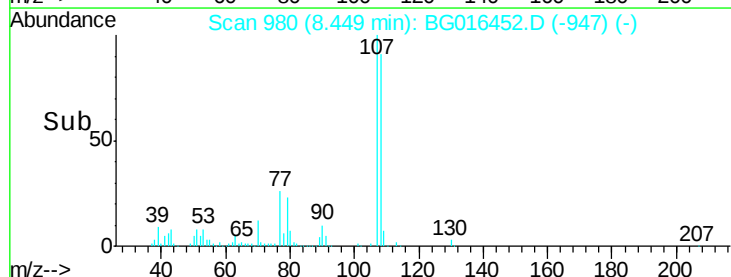
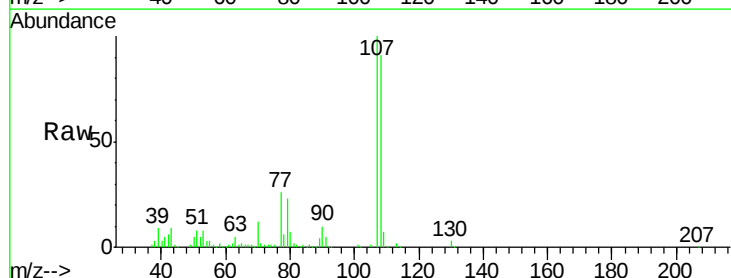
Ion Ratio Lower Upper

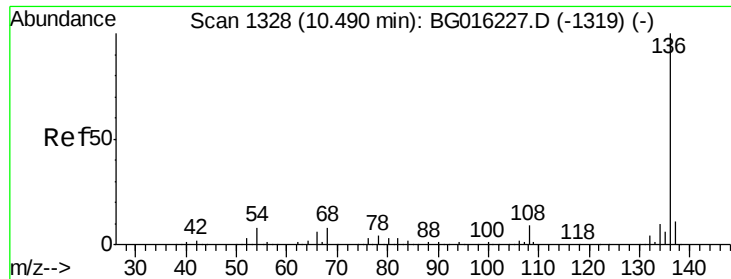
107 100

108 90.6 69.5 109.5

77 26.5 8.2 48.2

79 22.9 3.8 43.8

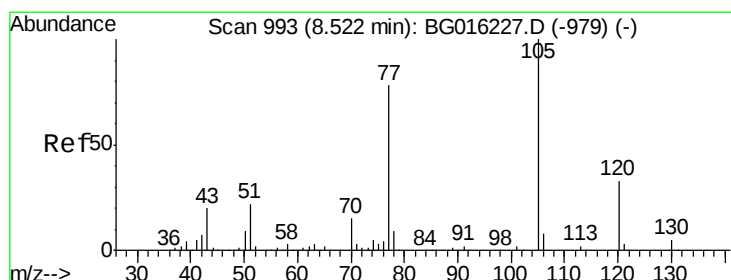
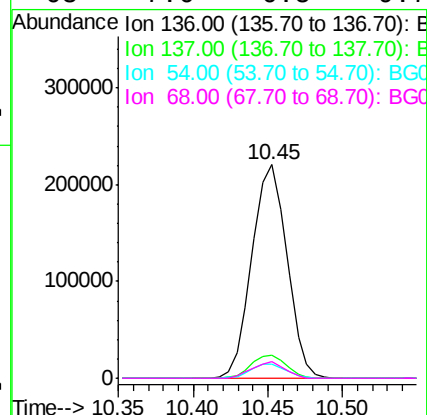
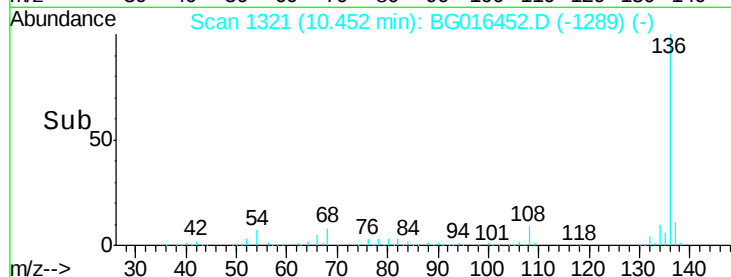
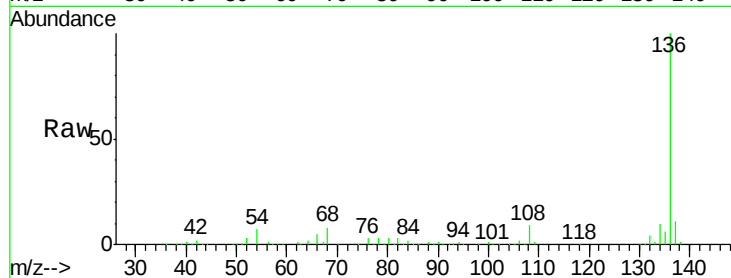




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.45 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

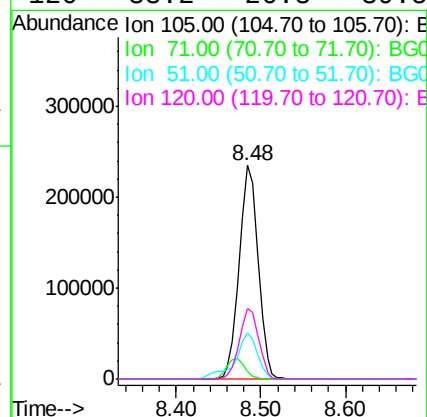
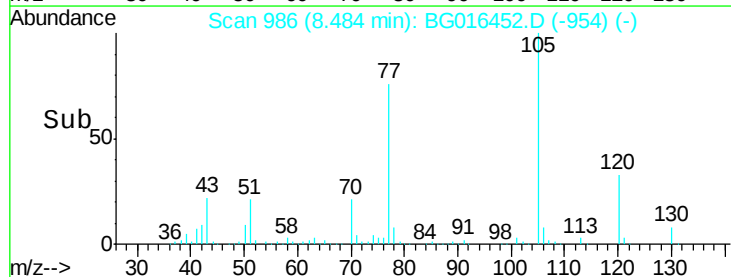
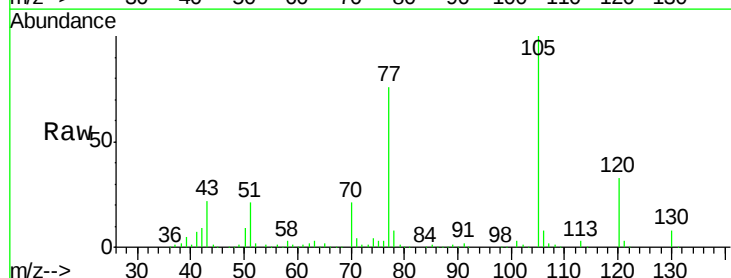
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

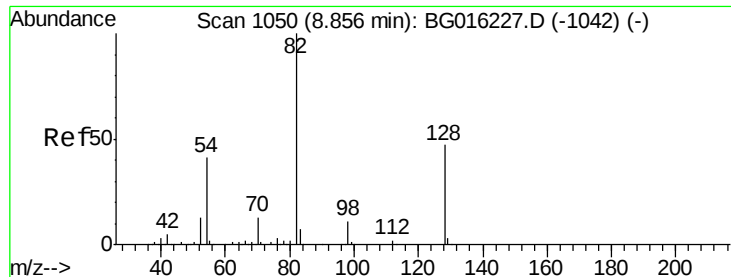
Tgt Ion:	136	Resp:	358542
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	6.7	6.3	9.5
68	7.6	6.5	9.7



#22
Acetophenone
Concen: 43.40 ng
RT: 8.48 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:	105	Resp:	360787
Ion	Ratio	Lower	Upper
105	100		
71	3.6	2.0	3.0#
51	21.3	17.9	26.9
120	33.2	26.3	39.5

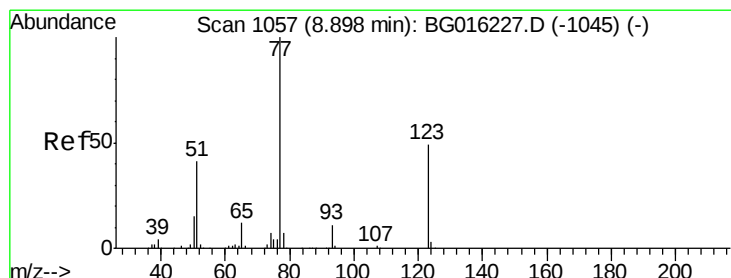
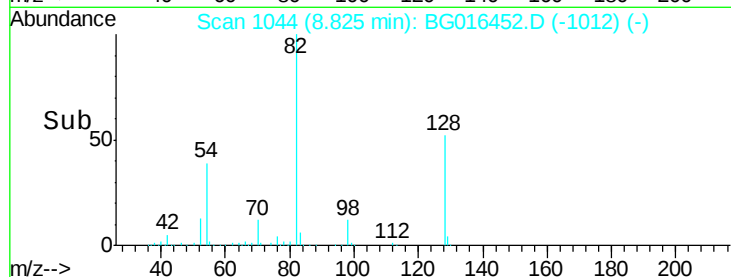
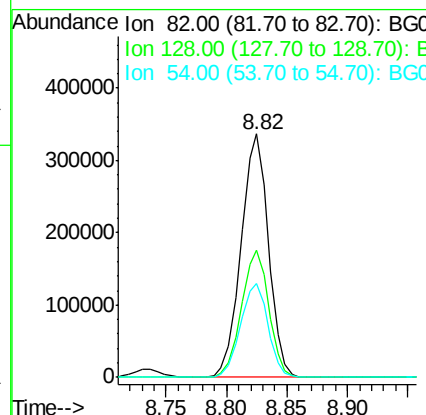
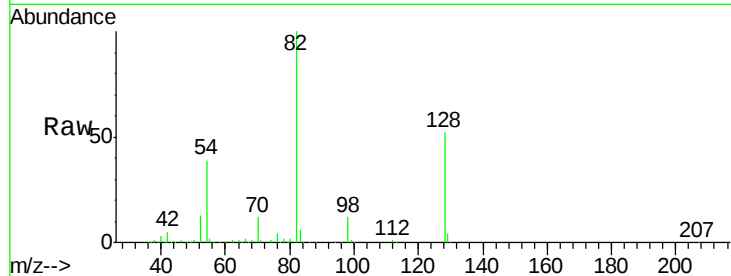




#23
 Nitrobenzene-d5
 Concen: 85.98 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

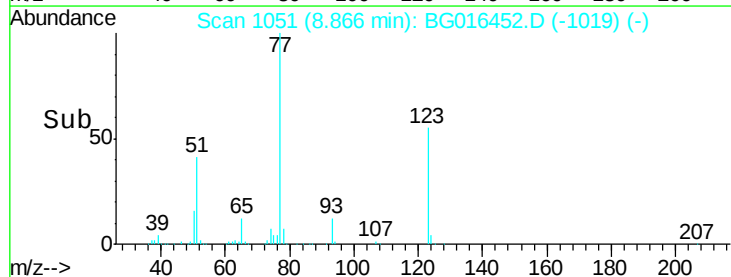
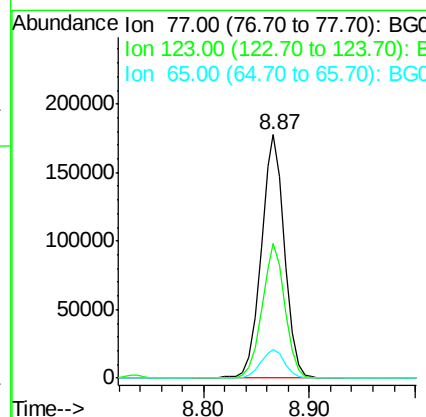
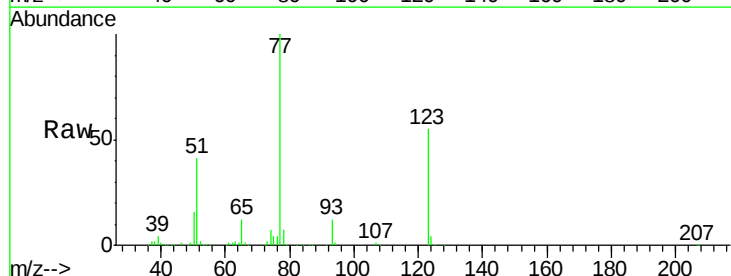
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

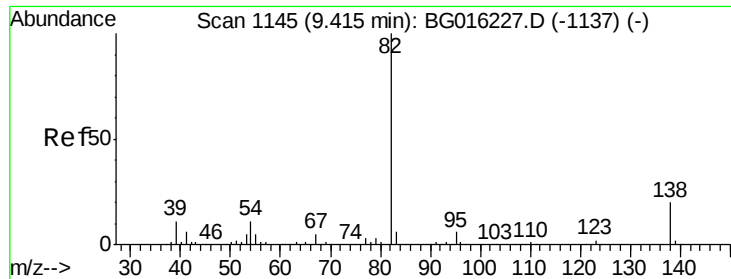
Tgt Ion: 82 Resp: 532183
 Ion Ratio Lower Upper
 82 100
 128 52.3 37.8 56.8
 54 38.8 32.6 49.0



#24
 Nitrobenzene
 Concen: 41.09 ng
 RT: 8.87 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion: 77 Resp: 271939
 Ion Ratio Lower Upper
 77 100
 123 55.3 38.8 58.2
 65 12.0 9.4 14.2

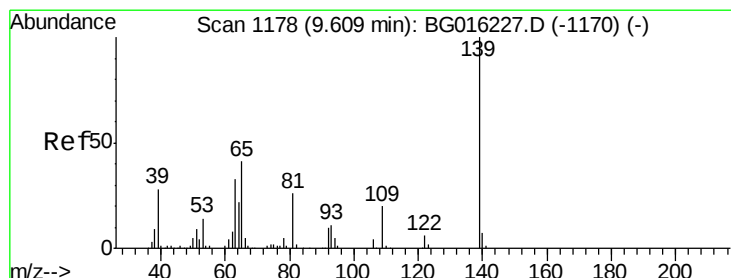
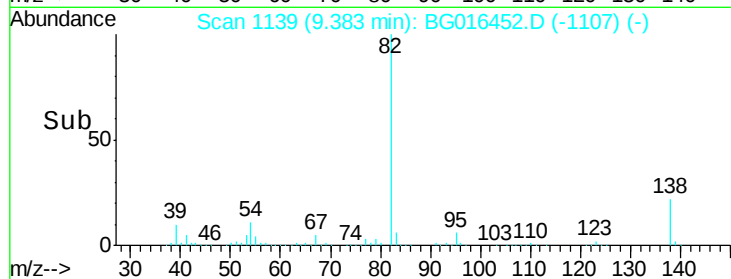
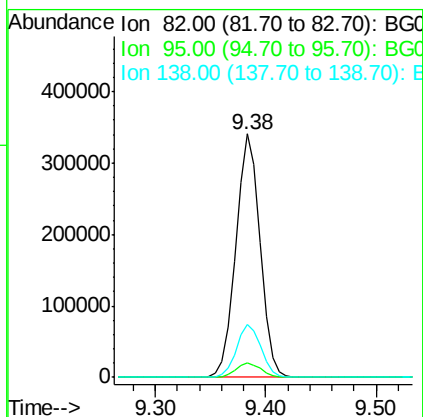
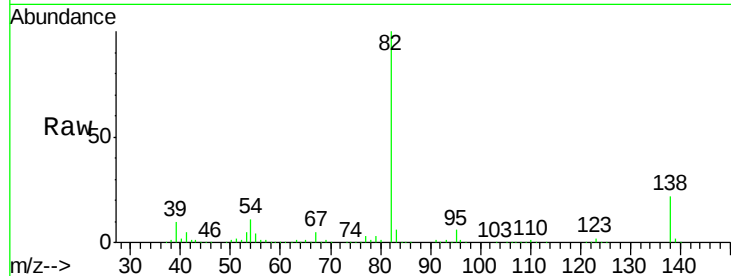




#25
Isophorone
Concen: 38.10 ng
RT: 9.38 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

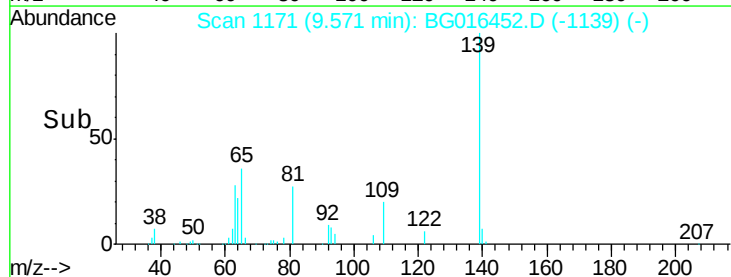
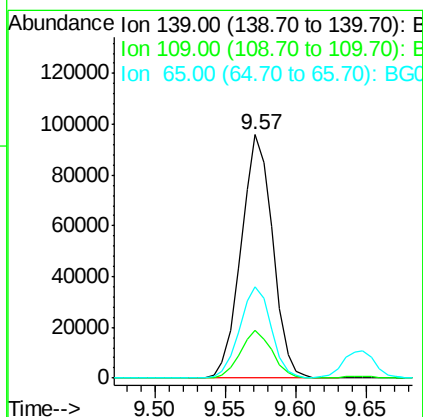
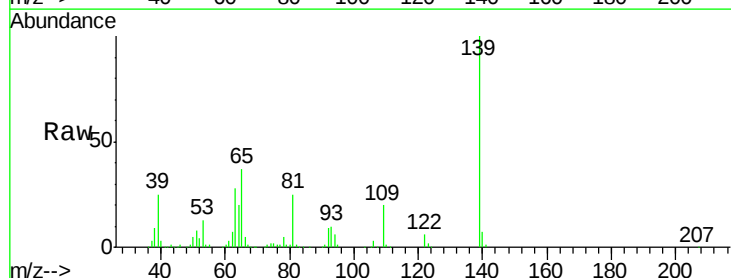
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

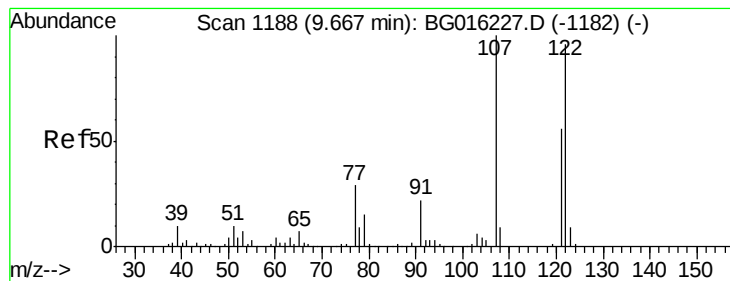
Tgt Ion: 82 Resp: 523686
Ion Ratio Lower Upper
82 100
95 5.9 5.0 7.6
138 21.7 16.2 24.2



#26
2-Nitrophenol
Concen: 48.55 ng
RT: 9.57 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion: 139 Resp: 149846
Ion Ratio Lower Upper
139 100
109 19.7 15.9 23.9
65 37.4 32.9 49.3





#27

2,4-Dimethylphenol

Concen: 39.07 ng

RT: 9.65 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

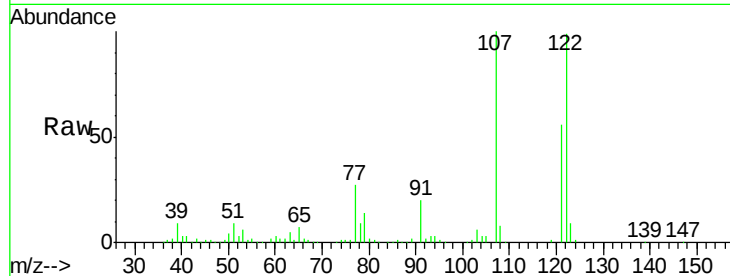
Tgt Ion:122 Resp: 224587

Ion Ratio Lower Upper

122 100

107 100.7 83.4 125.2

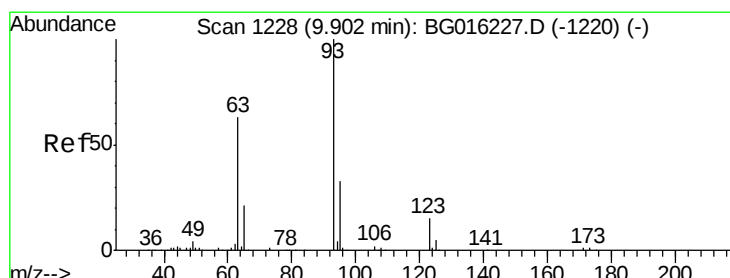
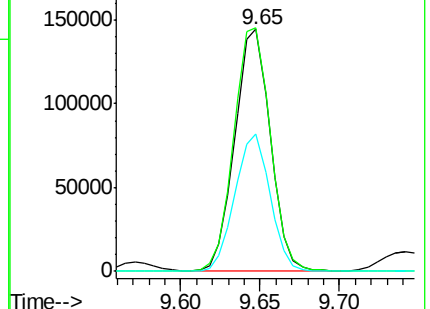
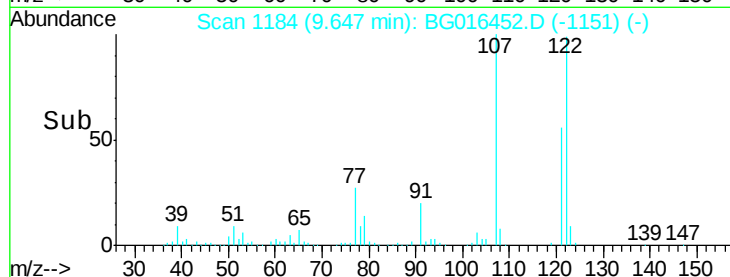
121 56.7 46.2 69.4



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: 41.70 ng

RT: 9.87 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

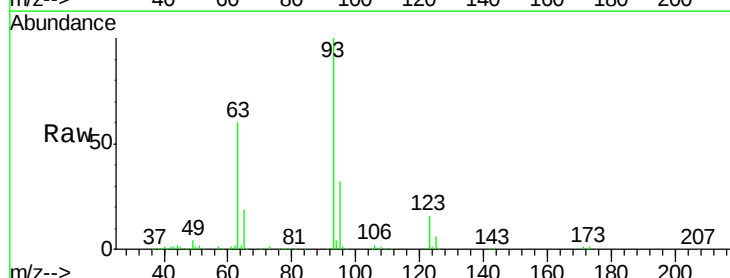
Tgt Ion: 93 Resp: 327138

Ion Ratio Lower Upper

93 100

95 31.8 26.1 39.1

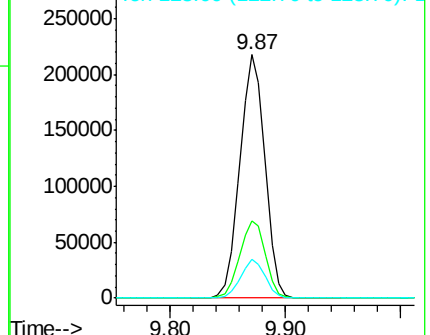
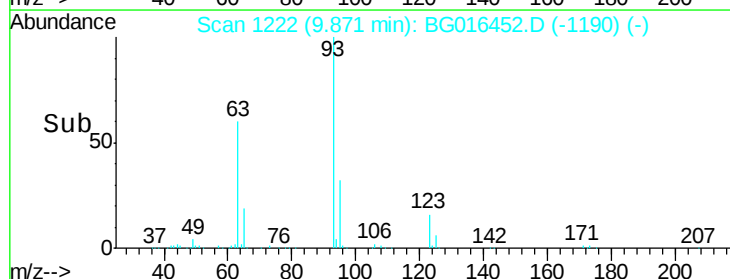
123 15.8 11.8 17.8

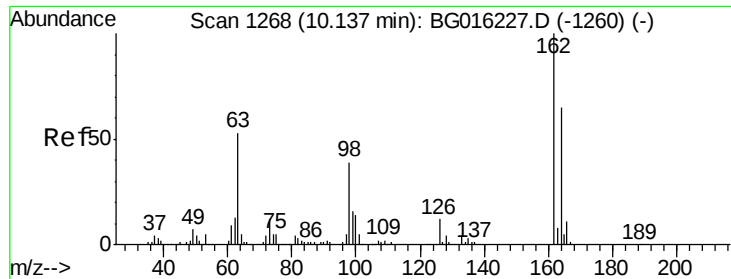


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

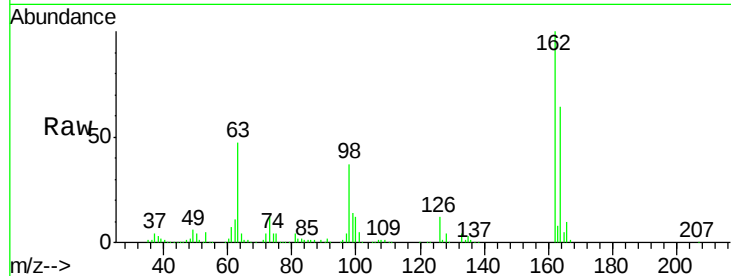




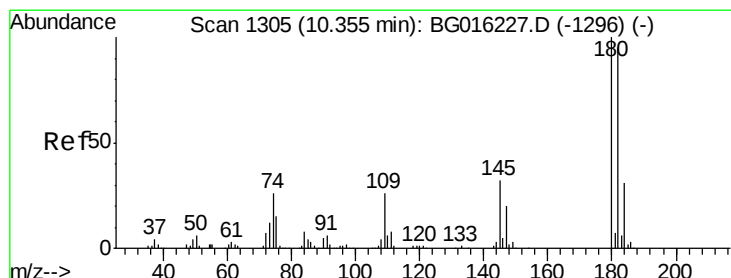
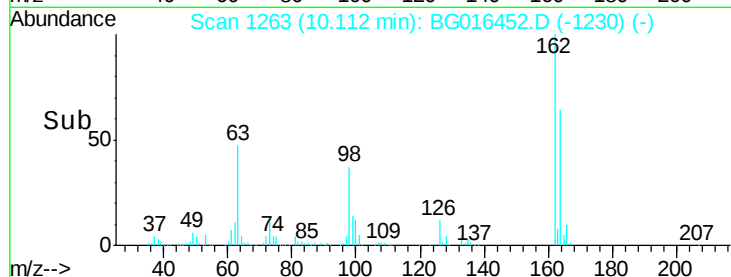
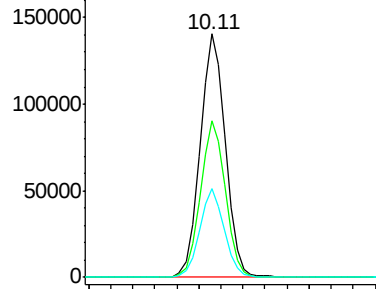
#29
 2,4-Dichlorophenol
 Concen: 49.48 ng
 RT: 10.11 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:162 Resp: 225100
 Ion Ratio Lower Upper
 162 100
 164 64.1 45.0 85.0
 98 36.7 19.1 59.1

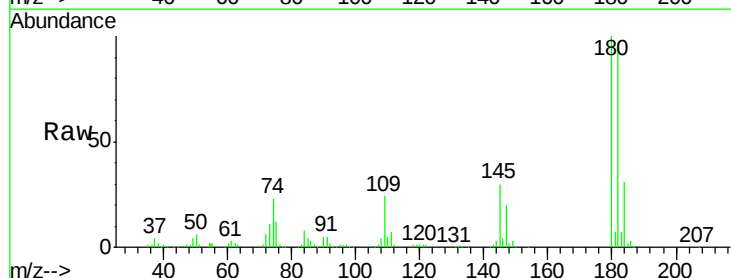


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

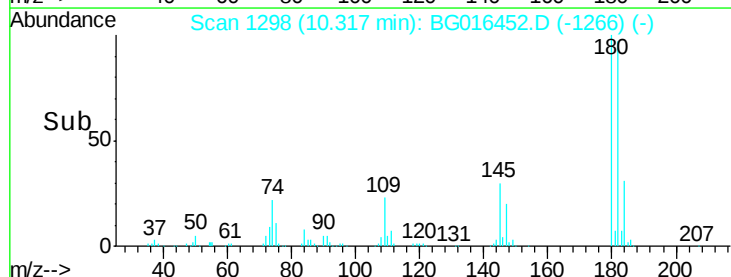
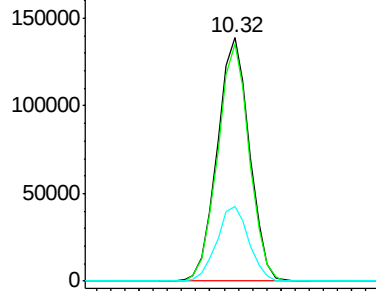


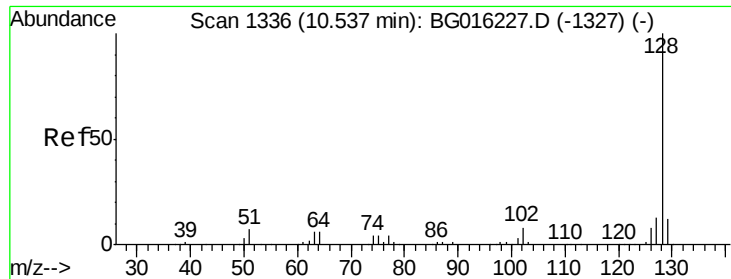
#30
 1,2,4-Trichlorobenzene
 Concen: 46.66 ng
 RT: 10.32 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:180 Resp: 221589
 Ion Ratio Lower Upper
 180 100
 182 97.4 76.3 114.5
 145 30.5 25.2 37.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

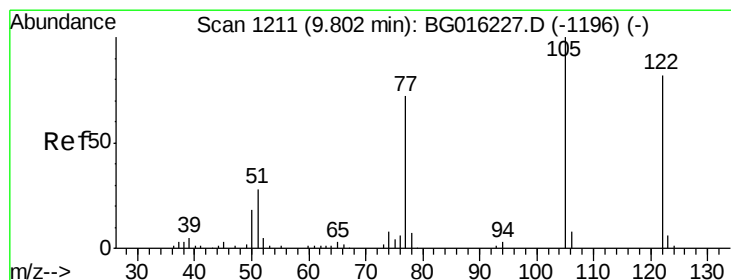
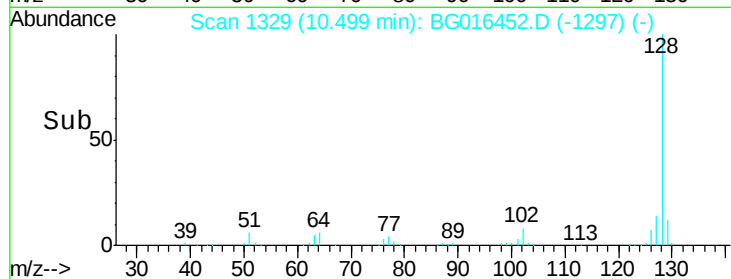
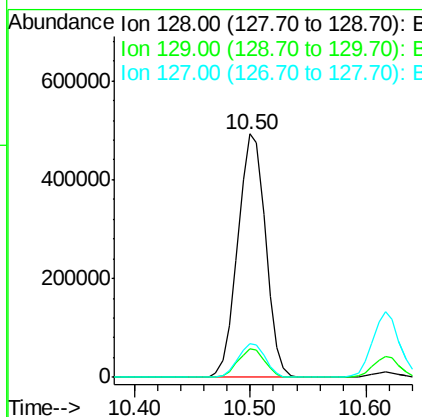
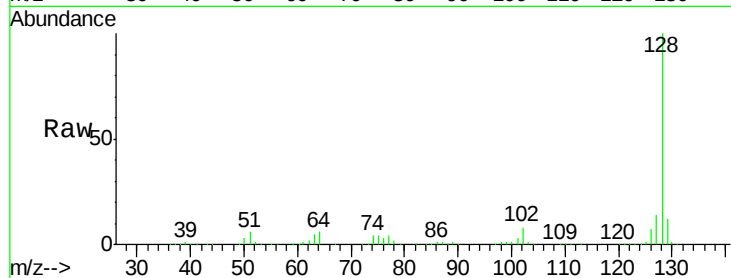




#31
Naphthalene
Concen: 44.00 ng
RT: 10.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

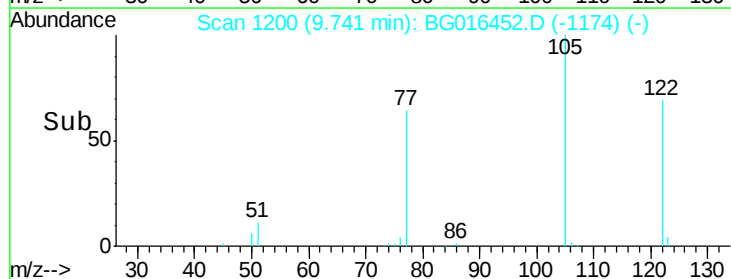
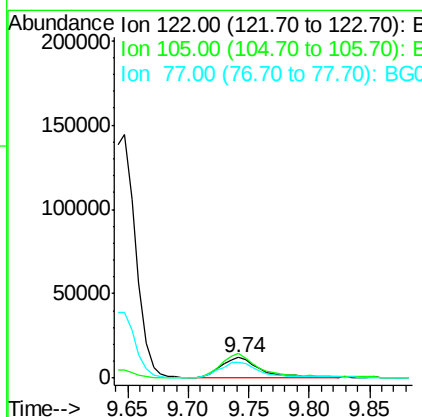
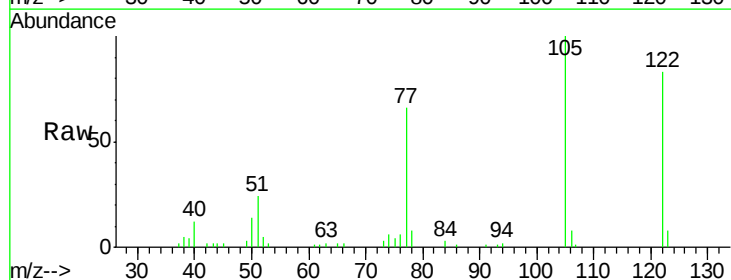
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

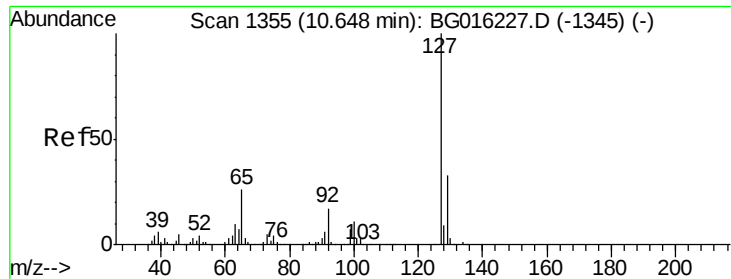
Tgt Ion:128 Resp: 822100
Ion Ratio Lower Upper
128 100
129 11.6 9.2 13.8
127 13.9 10.6 16.0



#32
Benzoic acid
Concen: 14.40 ng
RT: 9.74 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:122 Resp: 25963
Ion Ratio Lower Upper
122 100
105 120.4 99.7 139.7
77 80.1 66.8 106.8

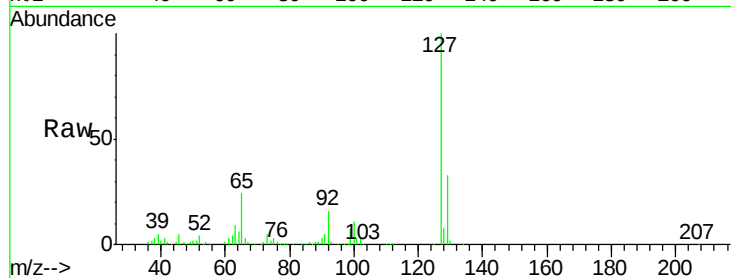




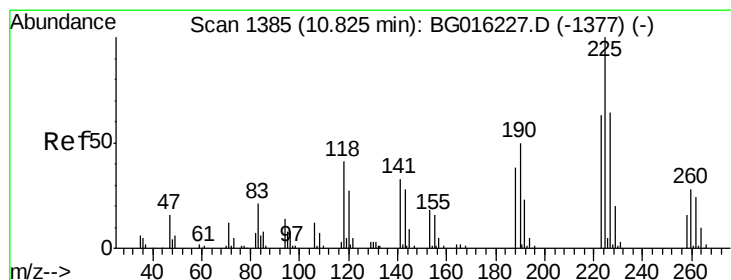
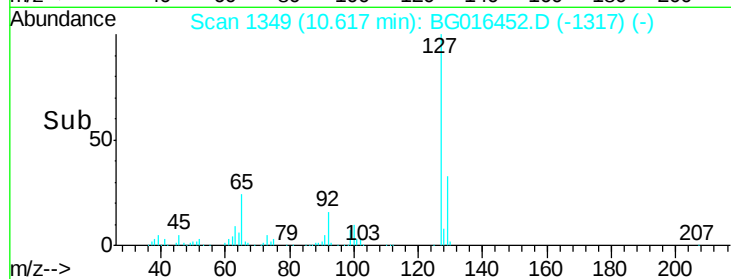
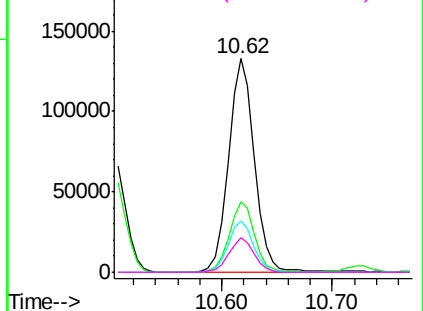
#33
4-Chloroaniline
Concen: 24.81 ng
RT: 10.62 min Scan# 1349
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

Tgt Ion:	127	Resp:	217476
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.1	39.1
65	23.9	21.2	31.8
92	15.9	13.8	20.6

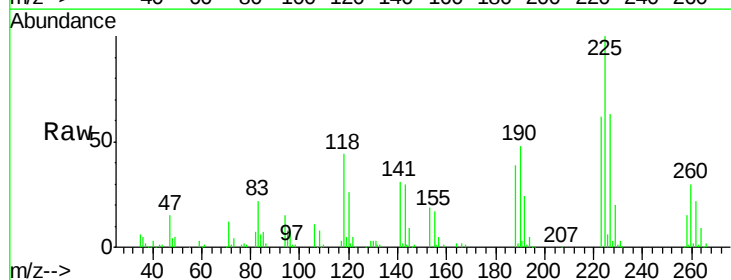


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

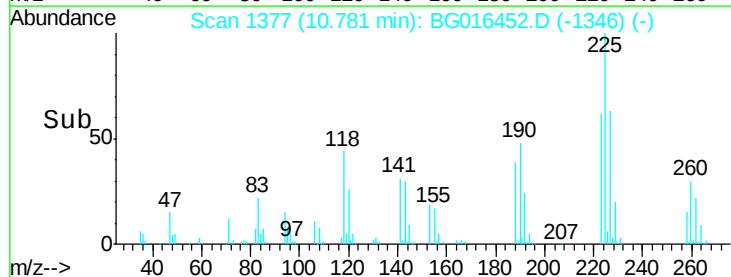
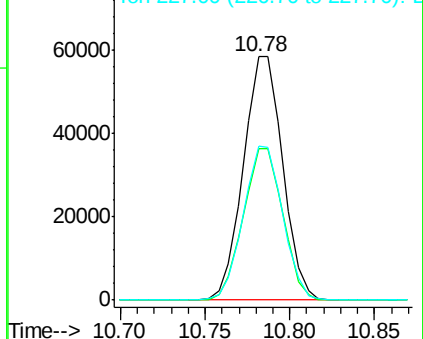


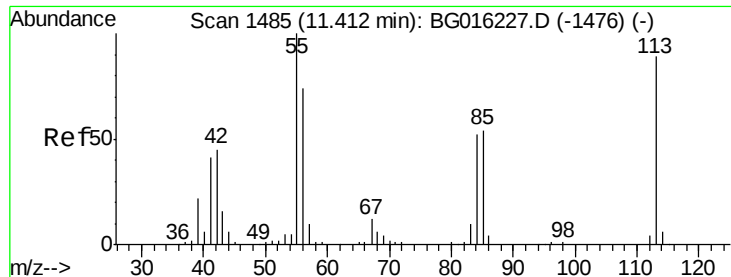
#34
Hexachlorobutadiene
Concen: 45.38 ng
RT: 10.78 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:	225	Resp:	94664
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.4	75.6
227	63.4	51.2	76.8



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: 5.82 ng

RT: 11.39 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

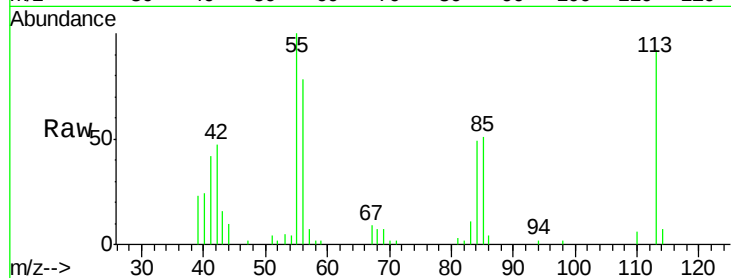
Tgt Ion:113 Resp: 16672

Ion Ratio Lower Upper

113 100

55 108.5 92.4 132.4

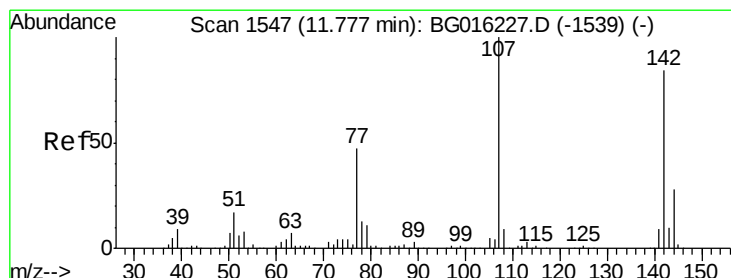
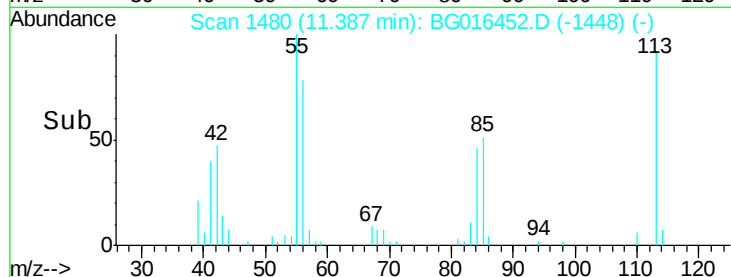
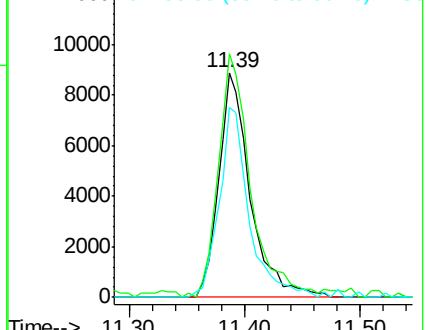
56 84.4 63.2 103.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.85 ng

RT: 11.76 min Scan# 1544

Delta R.T. 0.00 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

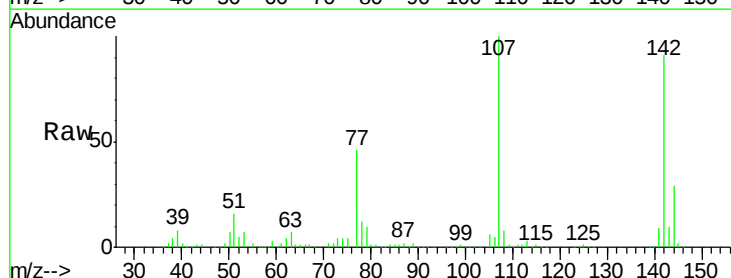
Tgt Ion:107 Resp: 257522

Ion Ratio Lower Upper

107 100

144 28.9 22.0 33.0

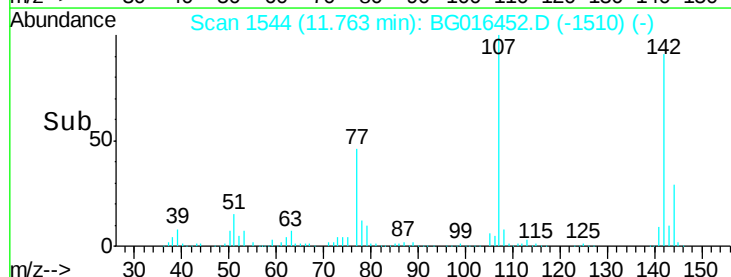
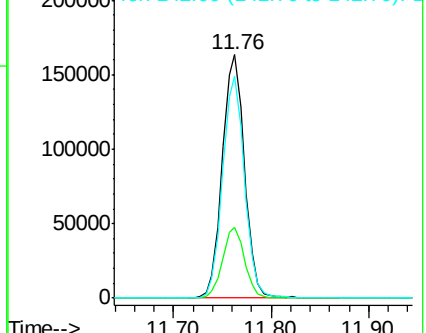
142 90.9 67.0 100.6

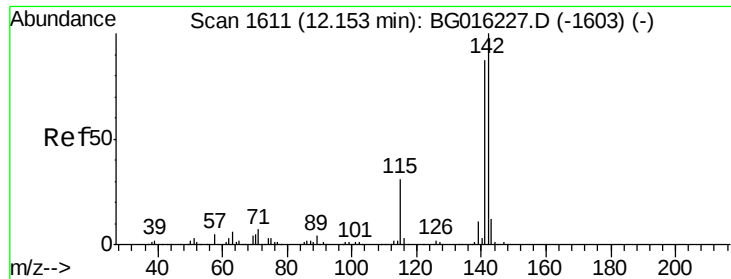


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

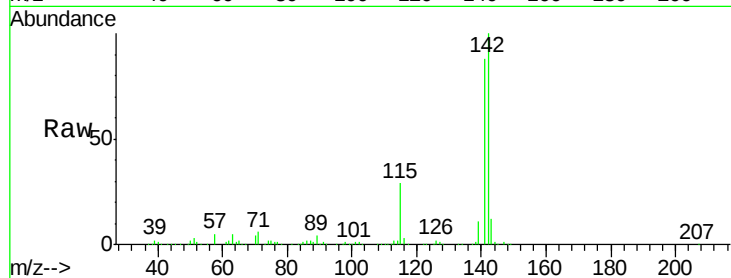




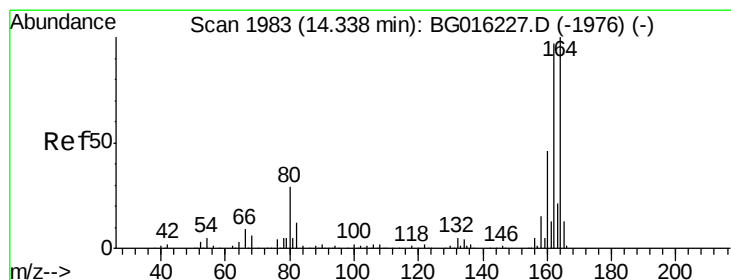
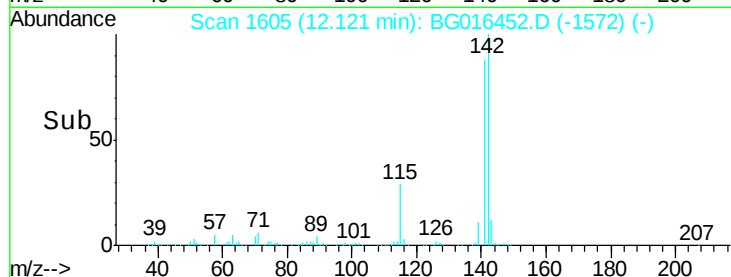
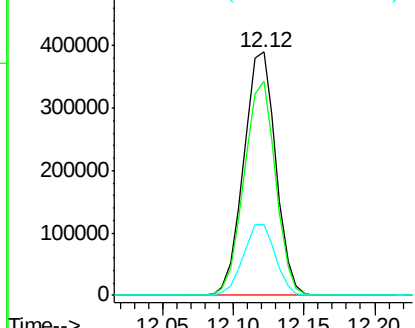
#37
 2-Methylnaphthalene
 Concen: 46.30 ng
 RT: 12.12 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:142 Resp: 622312
 Ion Ratio Lower Upper
 142 100
 141 87.7 69.3 103.9
 115 29.3 25.0 37.6

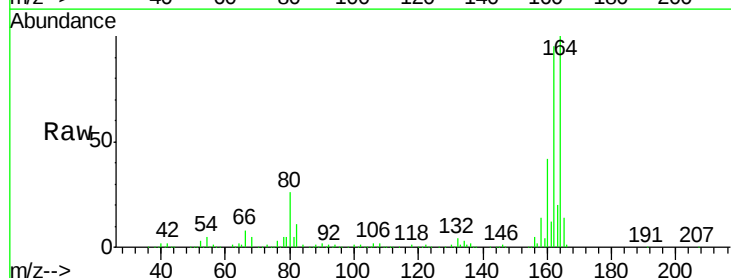


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

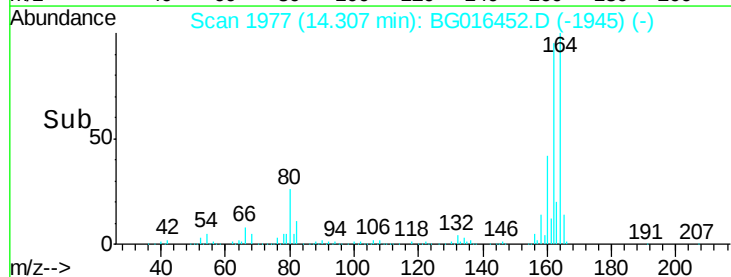
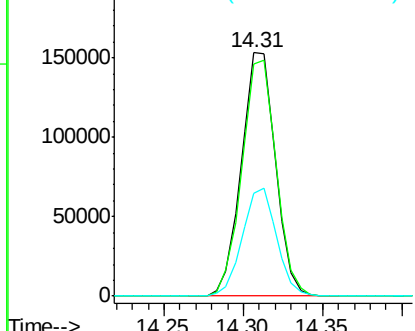


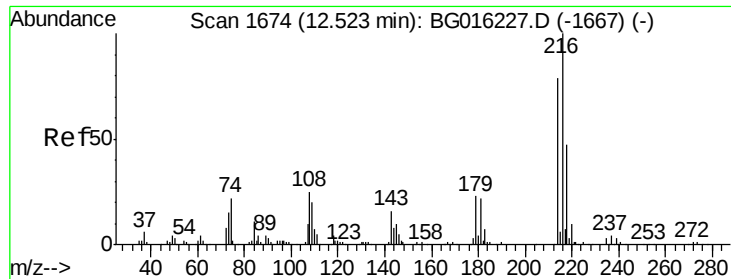
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:164 Resp: 228453
 Ion Ratio Lower Upper
 164 100
 162 95.5 77.3 115.9
 160 42.2 36.7 55.1



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

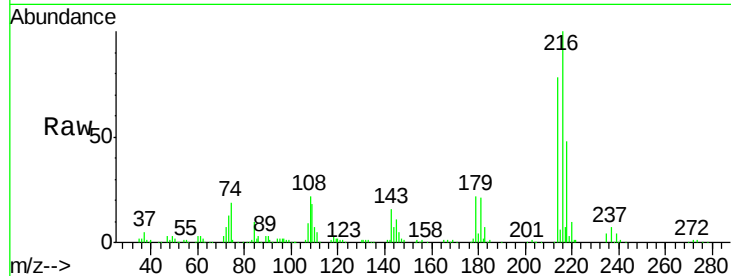




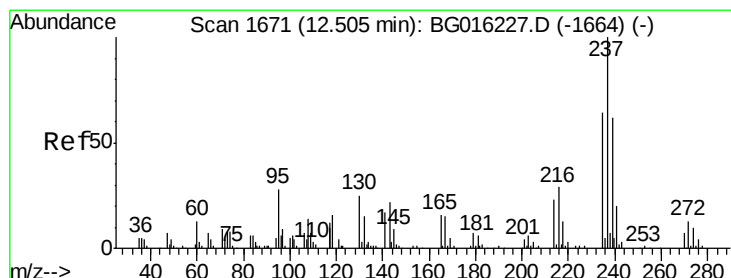
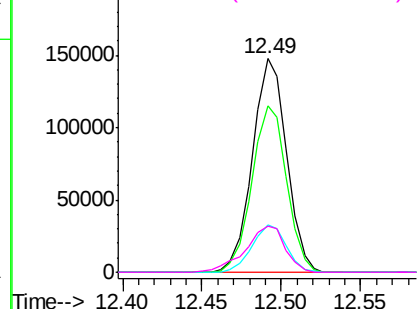
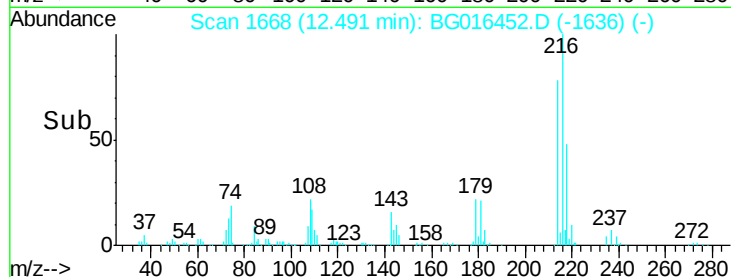
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.88 ng
 RT: 12.49 min Scan# 1668
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:	216	Resp:	220716
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.0
179	22.3	18.2	27.2
108	25.1	21.2	31.8

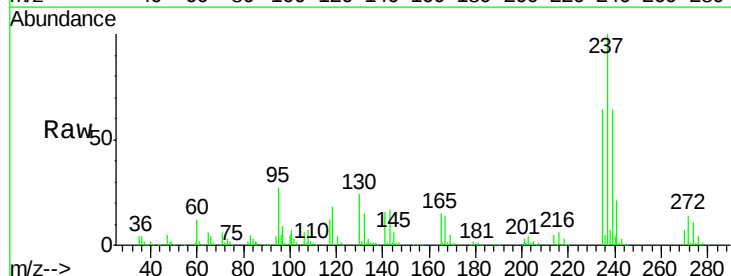


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

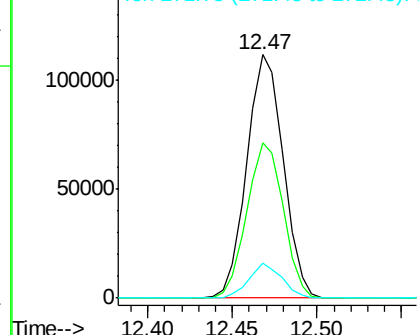
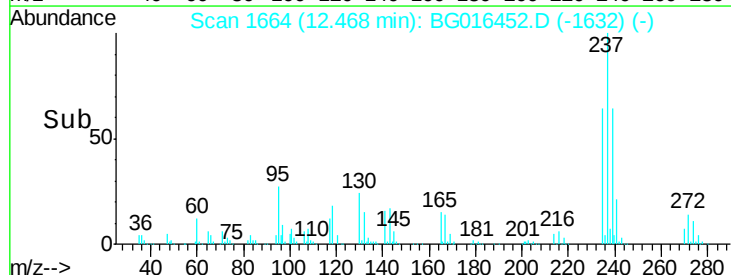


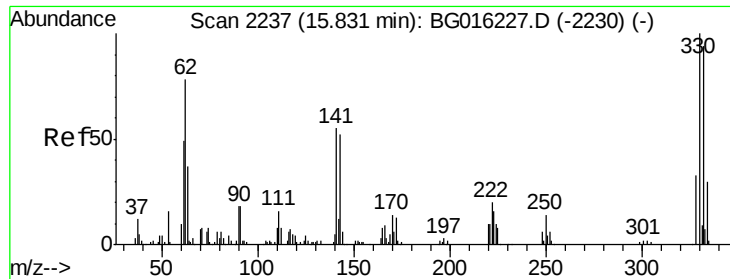
#40
 Hexachlorocyclopentadiene
 Concen: 72.98 ng
 RT: 12.47 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:	237	Resp:	168029
Ion	Ratio	Lower	Upper
237	100		
235	63.6	43.9	83.9
272	14.3	0.0	33.1



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

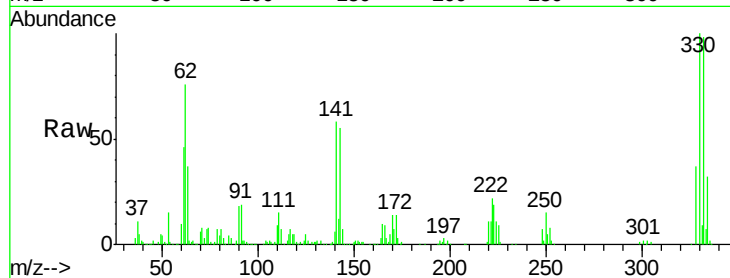




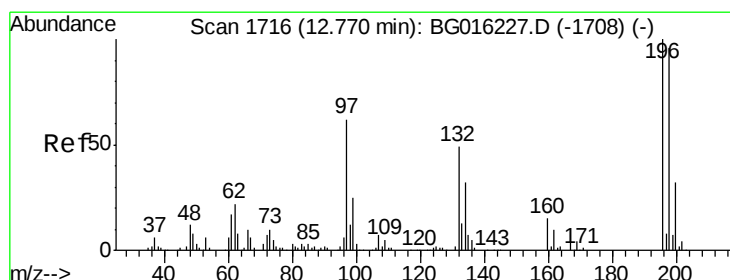
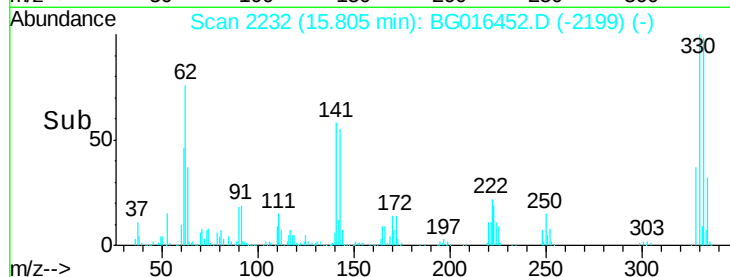
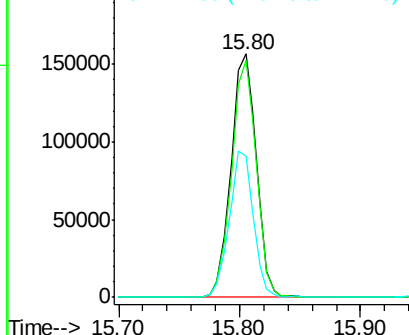
#41
 2,4,6-Tribromophenol
 Concen: 148.23 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:330 Resp: 229021
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.8 113.6
 141 57.4 46.6 69.8

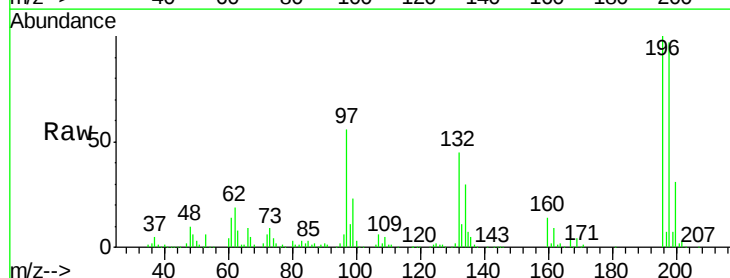


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

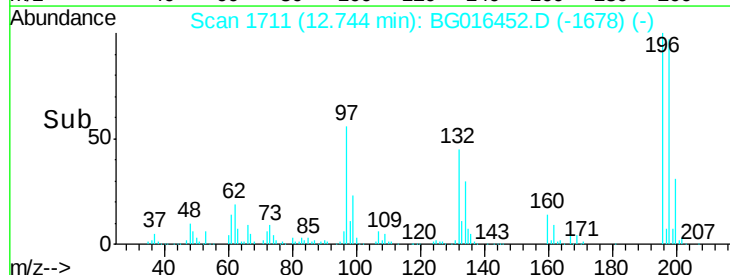
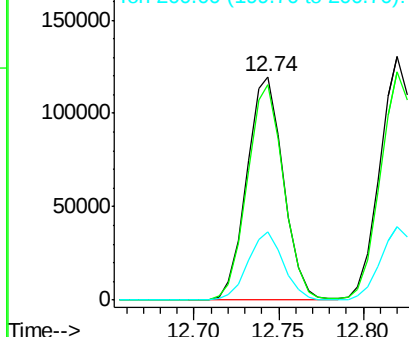


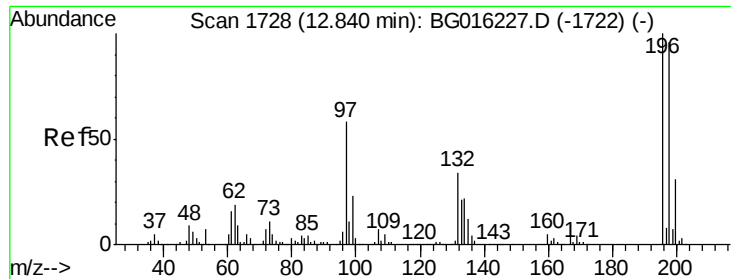
#42
 2,4,6-Trichlorophenol
 Concen: 47.96 ng
 RT: 12.74 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:196 Resp: 179264
 Ion Ratio Lower Upper
 196 100
 198 96.6 77.2 115.8
 200 30.5 25.3 37.9



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

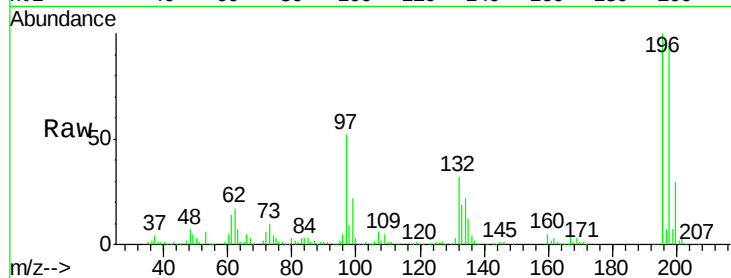




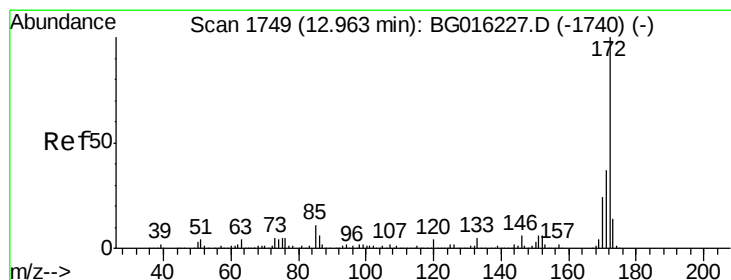
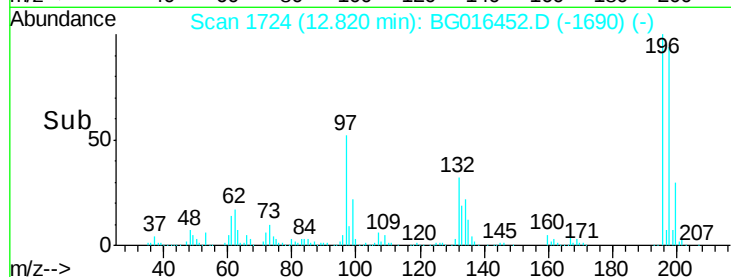
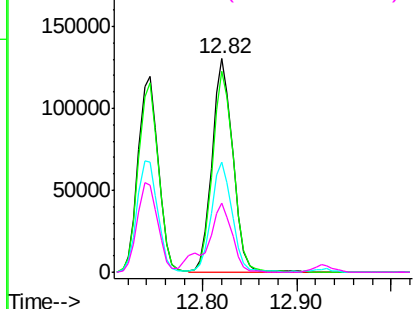
#43
 2,4,5-Trichlorophenol
 Concen: 50.67 ng
 RT: 12.82 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.9	77.1	115.7
97	51.5	46.6	69.8
132	32.3	27.0	40.6

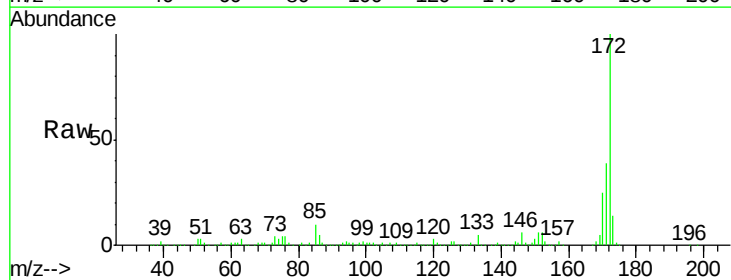


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

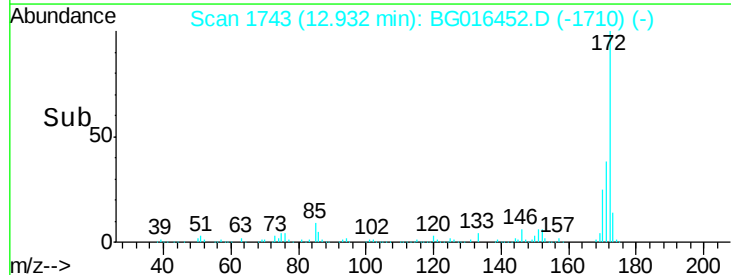
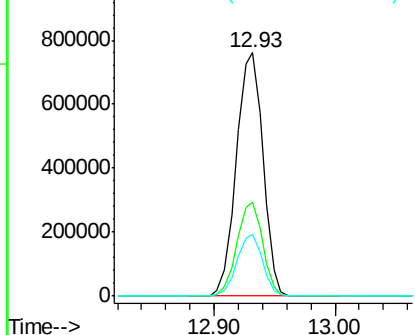


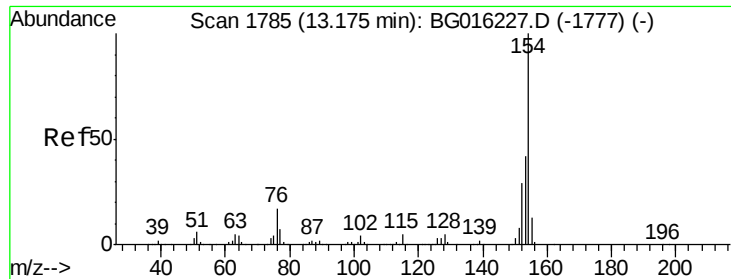
#44
 2-Fluorobiphenyl
 Concen: 87.24 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.6	44.4
170	25.2	19.4	29.2



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

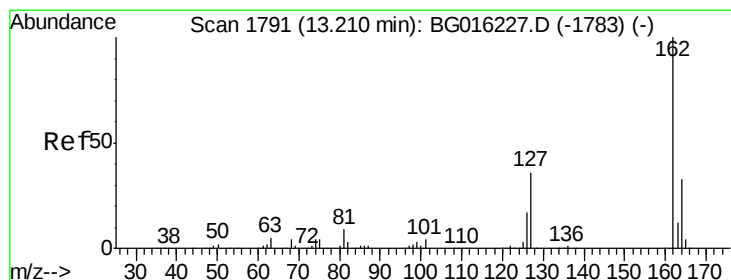
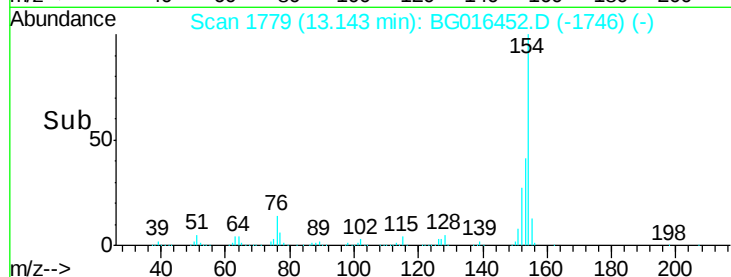
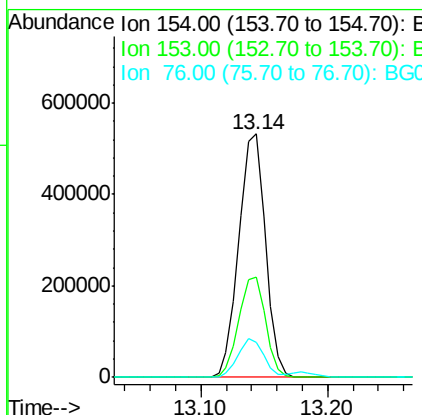
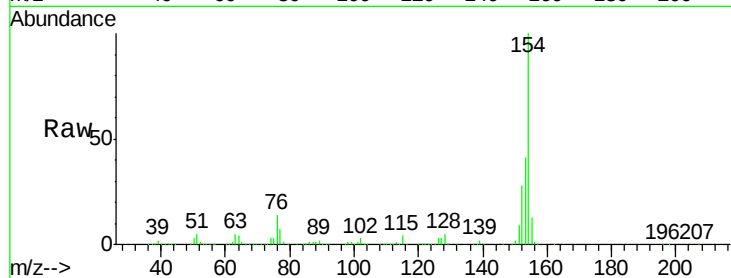




#45
1,1'-Biphenyl
Concen: 44.21 ng
RT: 13.14 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

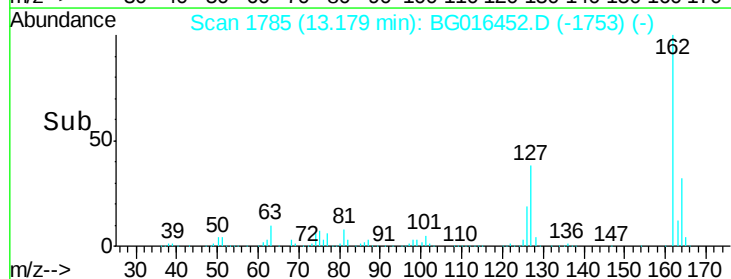
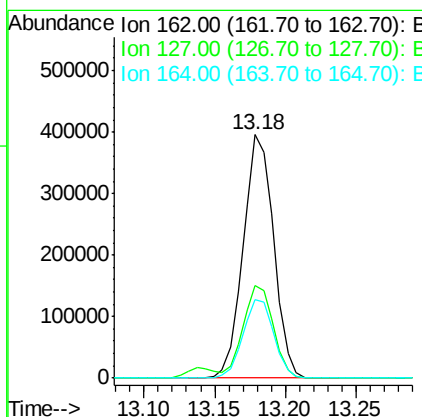
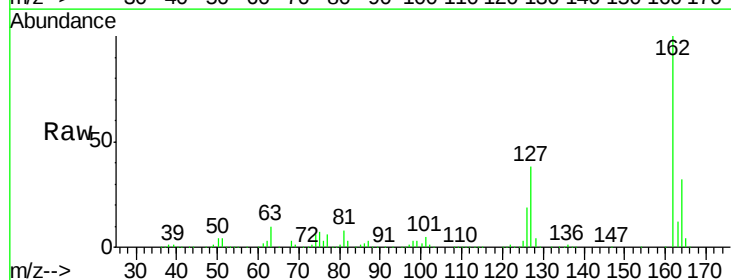
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

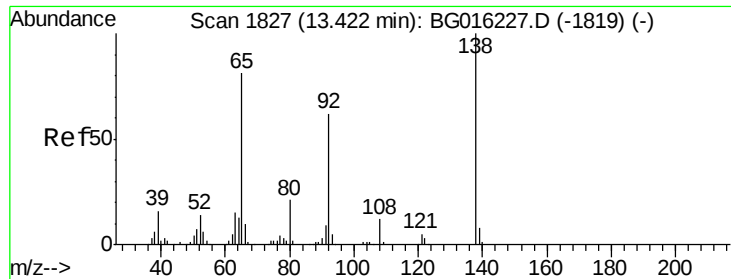
Tgt Ion:154 Resp: 774799
Ion Ratio Lower Upper
154 100
153 41.1 22.4 62.4
76 14.5 0.0 37.1



#46
2-Chloronaphthalene
Concen: 44.59 ng
RT: 13.18 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:162 Resp: 595215
Ion Ratio Lower Upper
162 100
127 38.3 30.8 46.2
164 32.4 26.6 40.0





#47

2-Nitroaniline

Concen: 44.11 ng

RT: 13.40 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

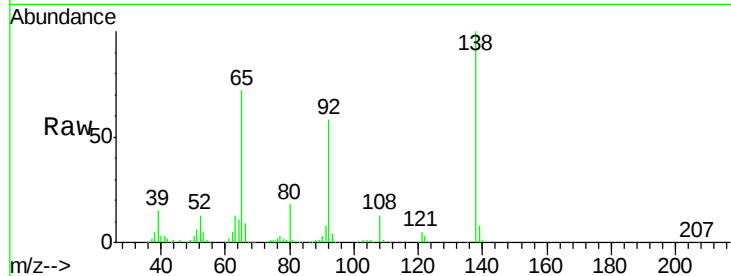
Tgt Ion: 65 Resp: 189802

Ion Ratio Lower Upper

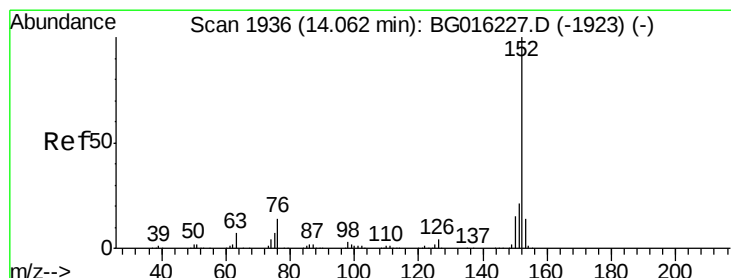
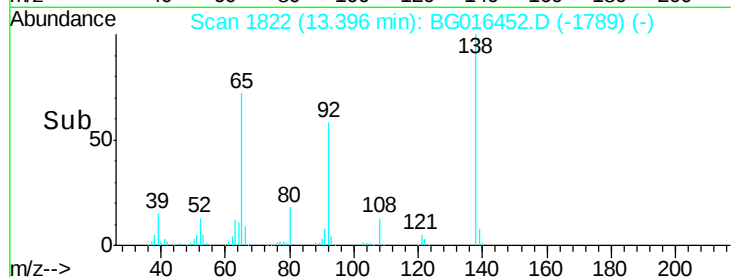
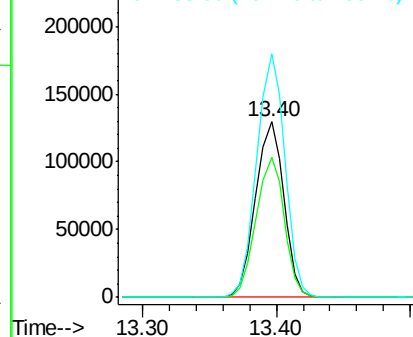
65 100

92 79.9 61.0 91.6

138 139.0 98.7 148.1



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 43.34 ng

RT: 14.03 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

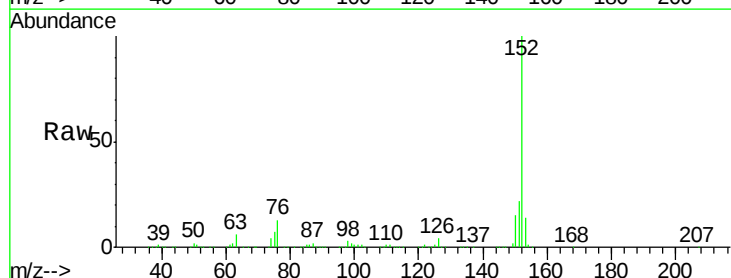
Tgt Ion: 152 Resp: 1028814

Ion Ratio Lower Upper

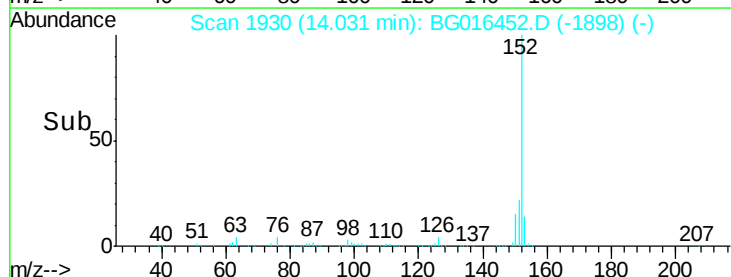
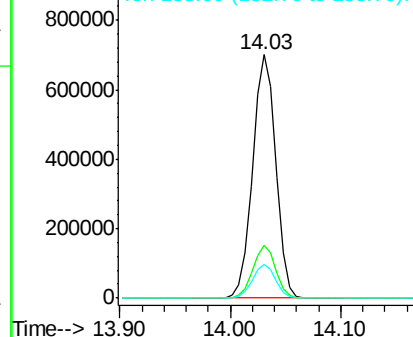
152 100

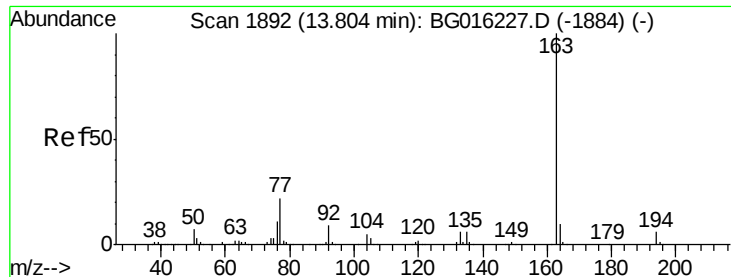
151 21.9 16.5 24.7

153 14.0 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC





#49

Dimethylphthalate

Concen: 44.33 ng

RT: 13.77 min Scan# 1886

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

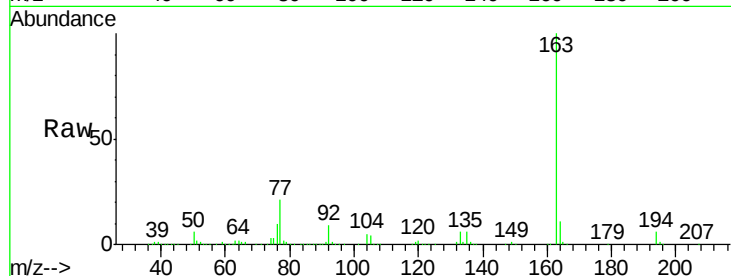
Tgt Ion:163 Resp: 742202

Ion Ratio Lower Upper

163 100

194 6.2 5.0 7.4

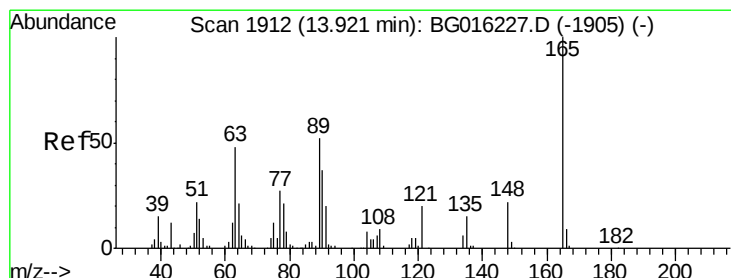
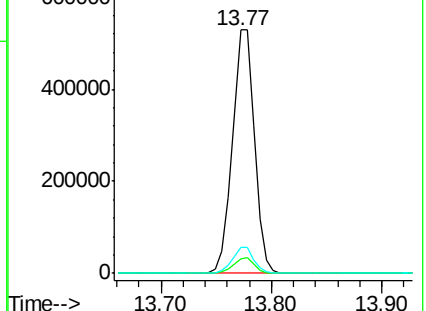
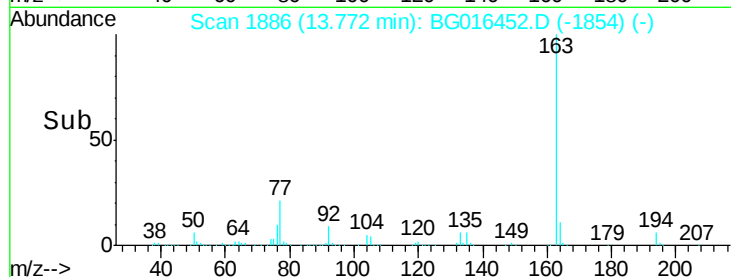
164 10.8 8.2 12.4



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: 47.68 ng

RT: 13.90 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

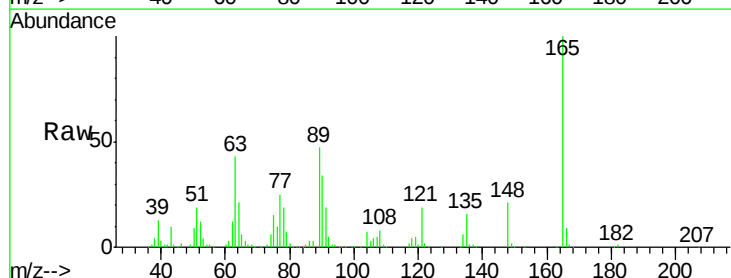
Tgt Ion:165 Resp: 193097

Ion Ratio Lower Upper

165 100

63 42.9 39.3 58.9

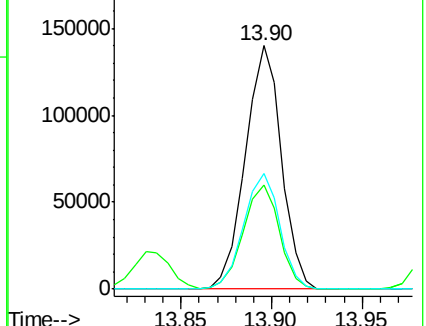
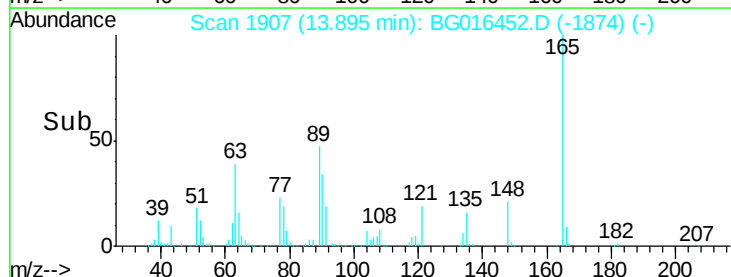
89 47.4 41.3 61.9

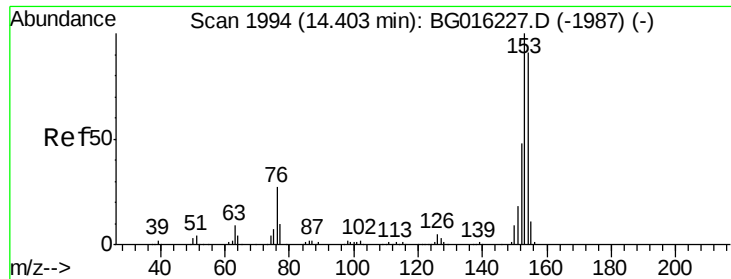


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 44.64 ng

RT: 14.37 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

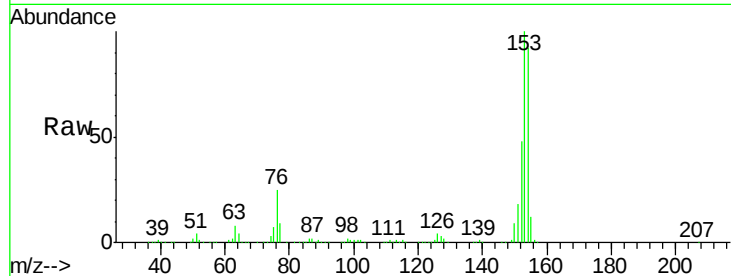
Tgt Ion:154 Resp: 633211

Ion Ratio Lower Upper

154 100

153 108.2 87.5 131.3

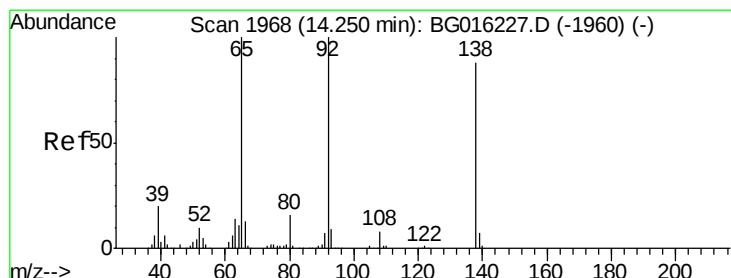
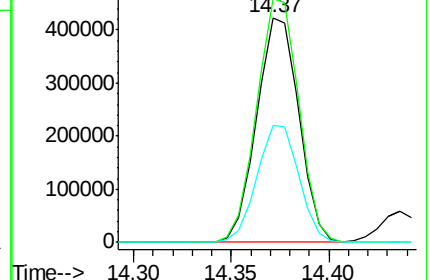
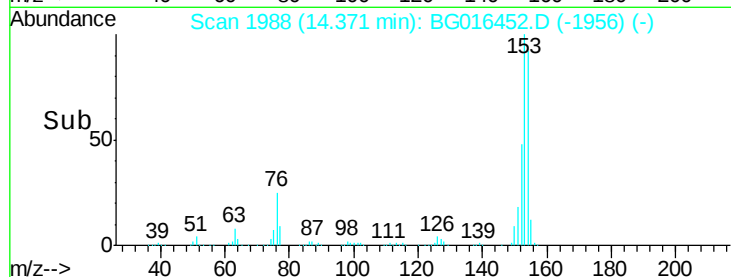
152 51.7 42.1 63.1



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: 30.71 ng

RT: 14.22 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

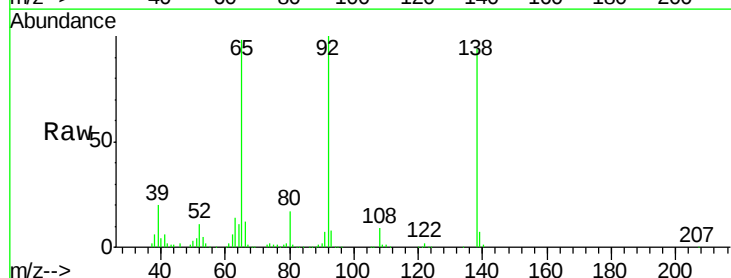
Tgt Ion:138 Resp: 158816

Ion Ratio Lower Upper

138 100

108 9.8 7.4 11.0

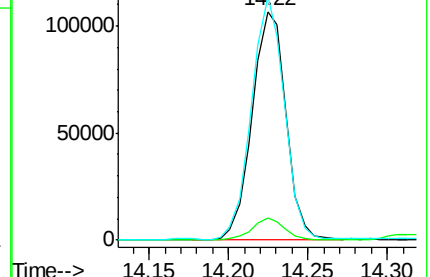
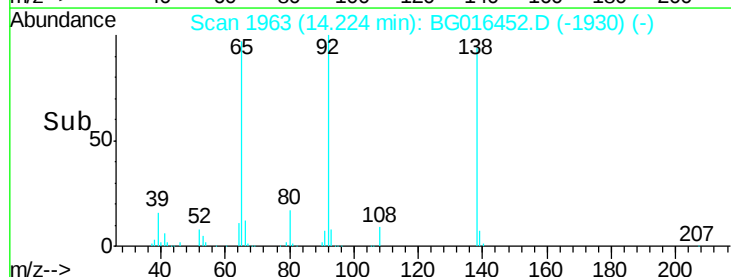
92 106.6 91.4 137.0

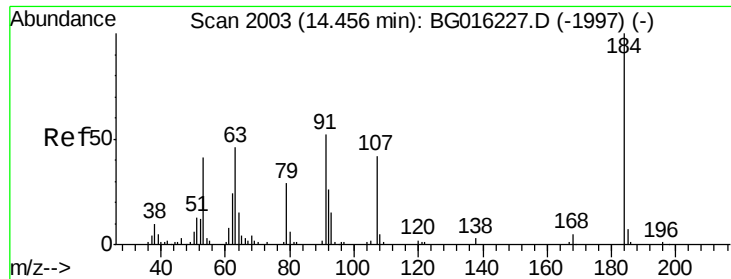


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

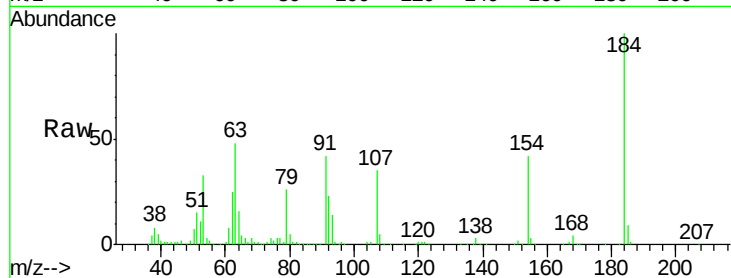




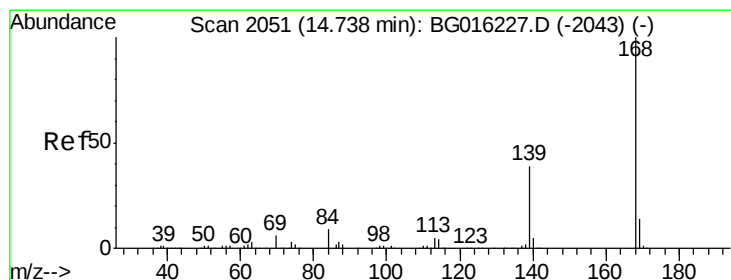
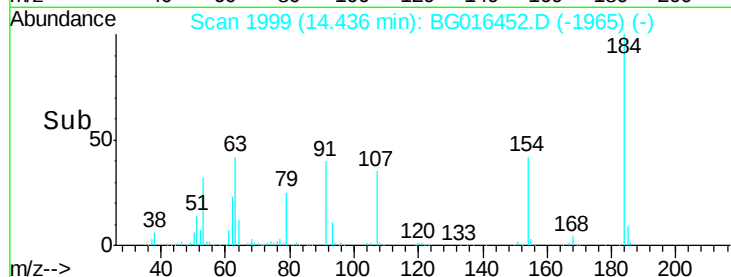
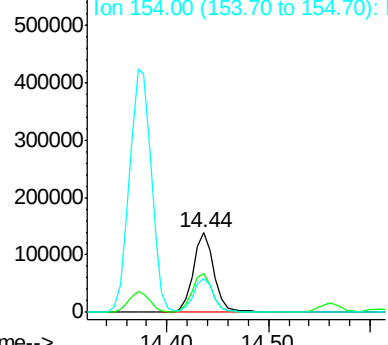
#53
2,4-Dinitrophenol
Concen: 84.48 ng
RT: 14.44 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

Tgt Ion:184 Resp: 199190
Ion Ratio Lower Upper
184 100
63 48.0 45.8 68.6
154 41.6 34.5 51.7

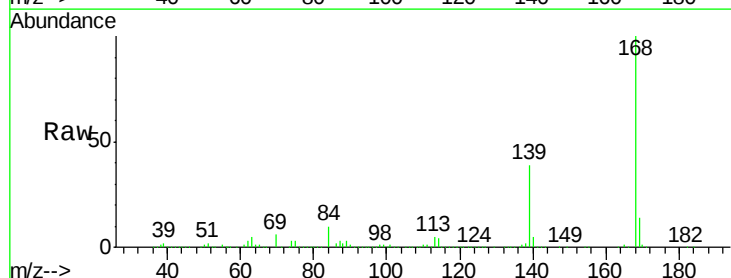


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

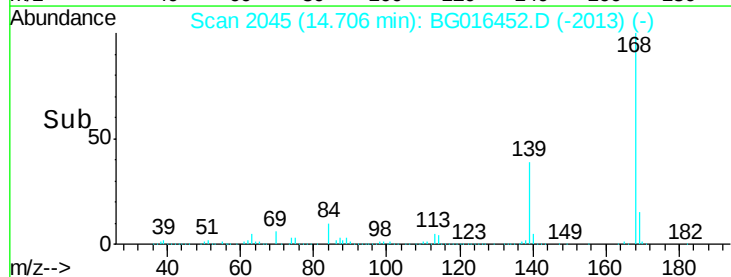
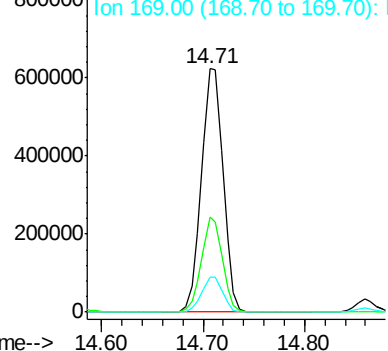


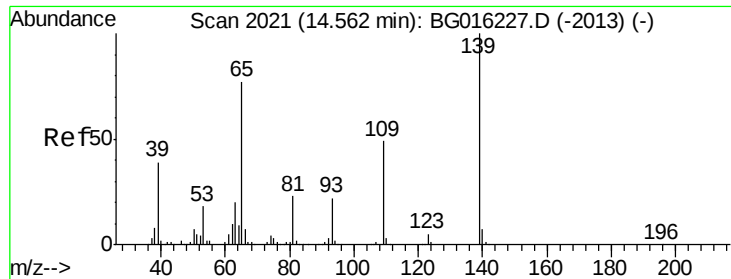
#54
Dibenzofuran
Concen: 47.00 ng
RT: 14.71 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:168 Resp: 925182
Ion Ratio Lower Upper
168 100
139 39.0 31.0 46.6
169 14.5 11.2 16.8



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

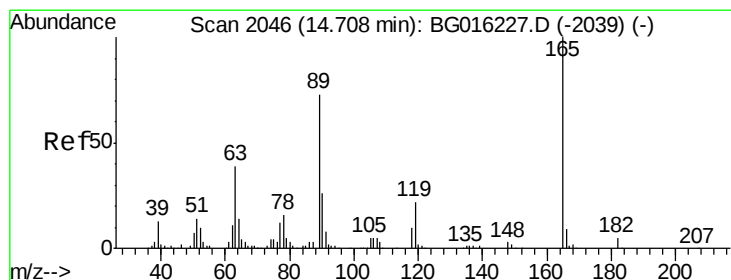
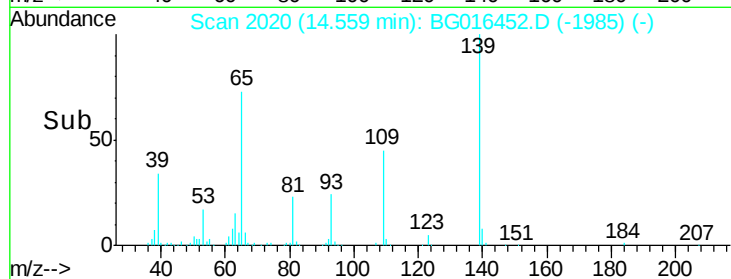
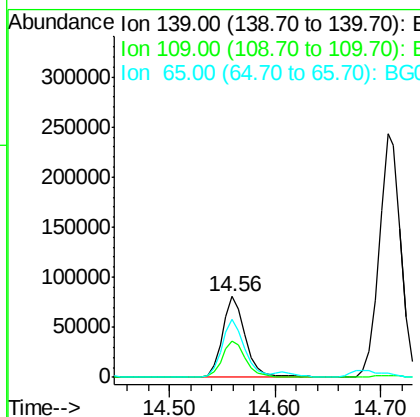
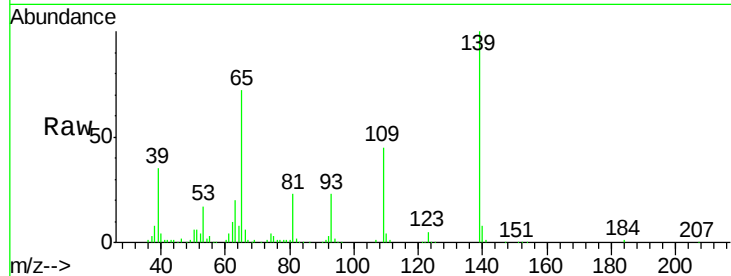




#55
4-Nitrophenol
Concen: 28.76 ng
RT: 14.56 min Scan# 2020
Delta R.T. 0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

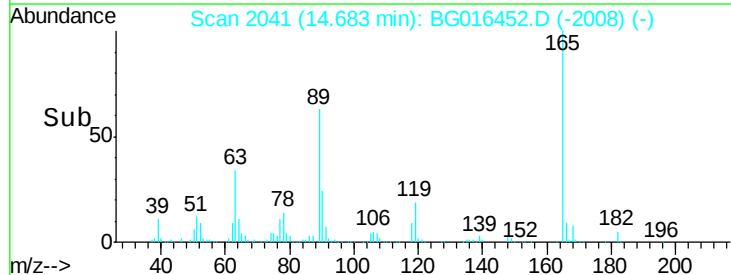
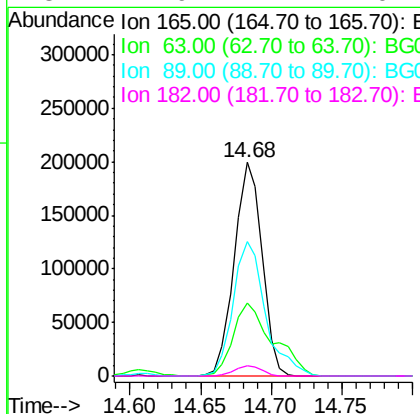
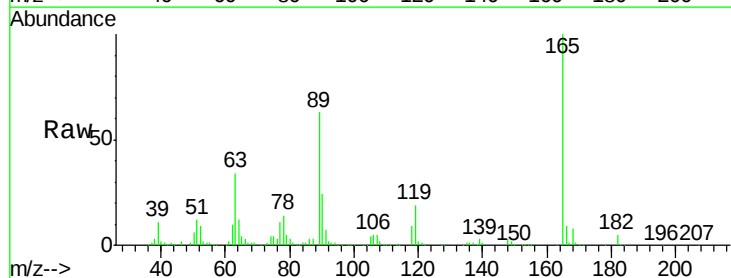
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

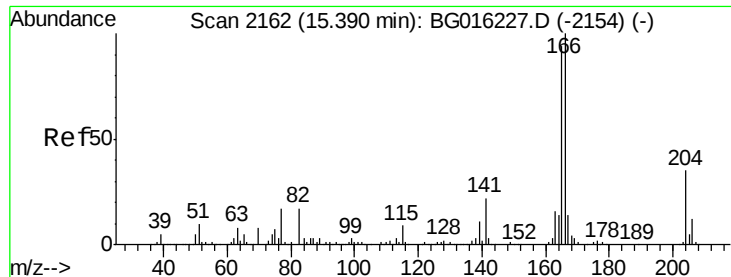
Tgt Ion	Ratio	Lower	Upper
139	100		
109	45.3	28.5	68.5
65	72.4	56.9	96.9



#56
2,4-Dinitrotoluene
Concen: 49.55 ng
RT: 14.68 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	31.4	47.2
89	63.1	58.8	88.2
182	4.9	4.1	6.1

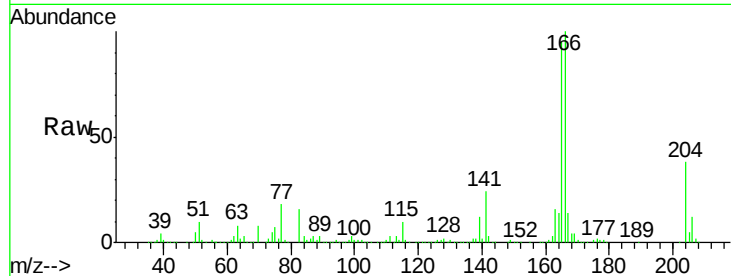




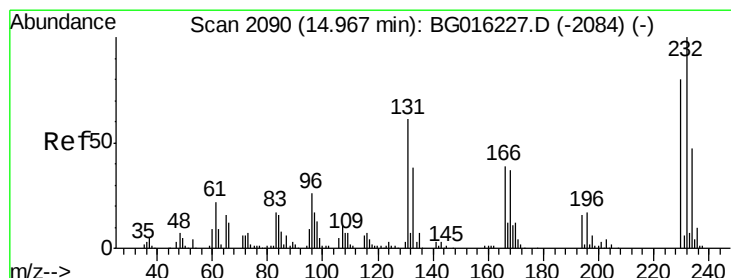
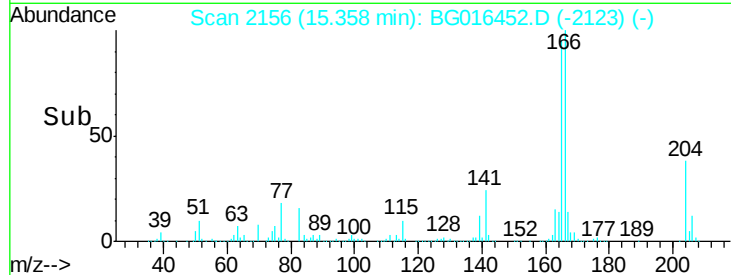
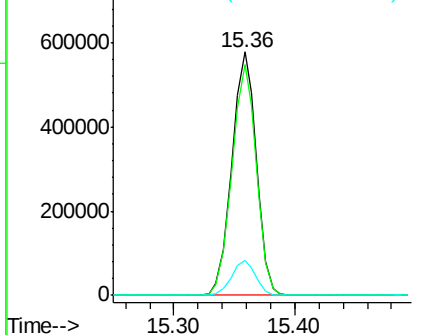
#57
Fluorene
 Concen: 46.84 ng
 RT: 15.36 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.8	75.2	112.8
167	14.4	11.3	16.9



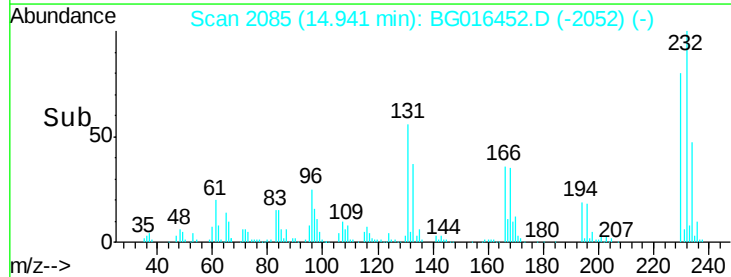
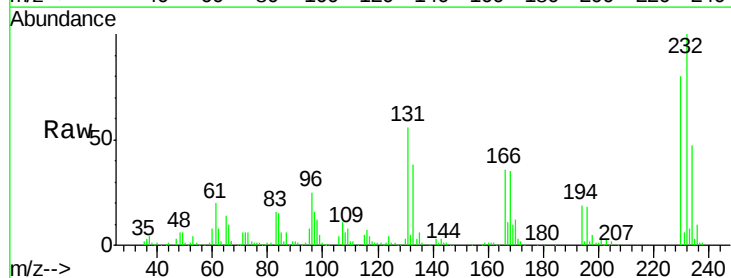
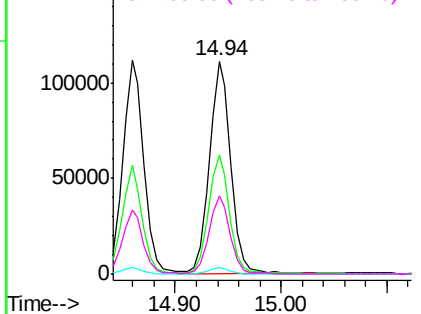
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

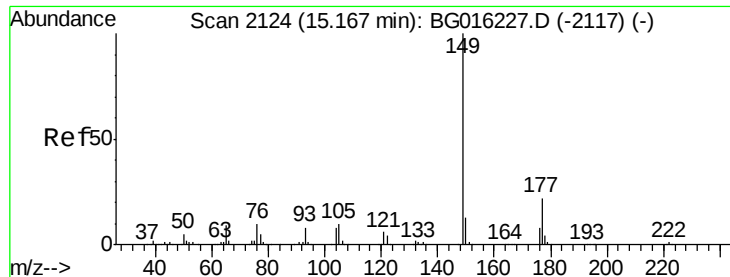


#58
2,3,4,6-Tetrachlorophenol
 Concen: 50.99 ng
 RT: 14.94 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.1	49.8	74.6
130	3.0	2.6	3.8
166	36.8	30.6	45.8

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

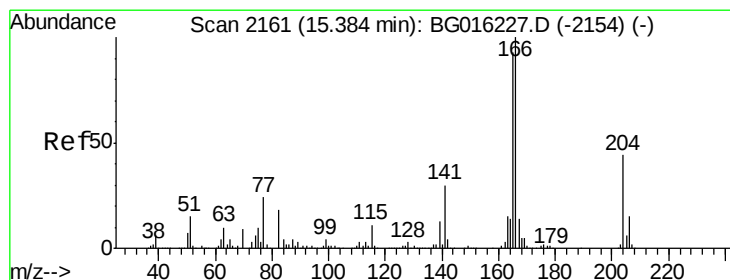
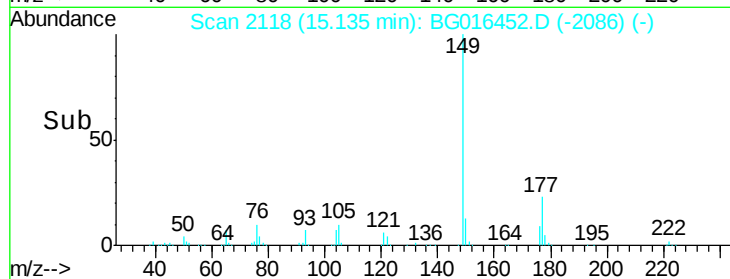
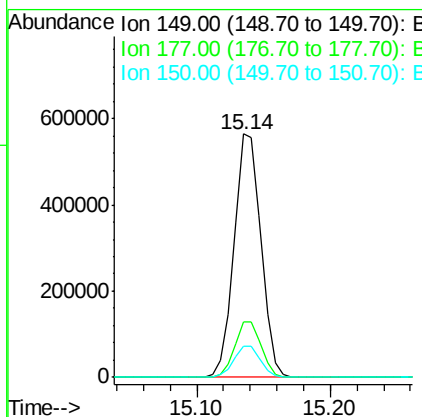
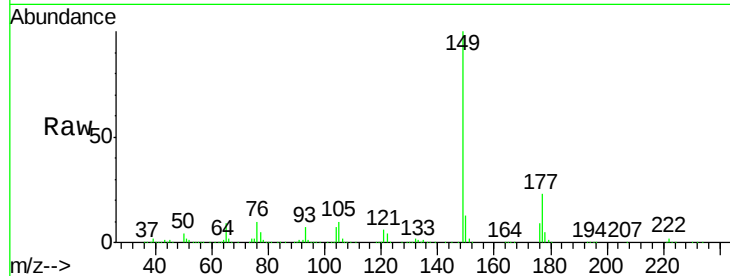




#59
Diethylphthalate
Concen: 44.30 ng
RT: 15.14 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

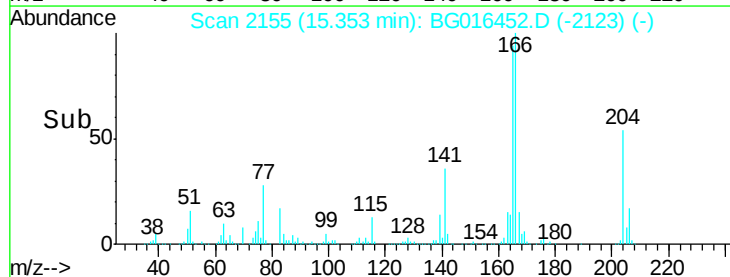
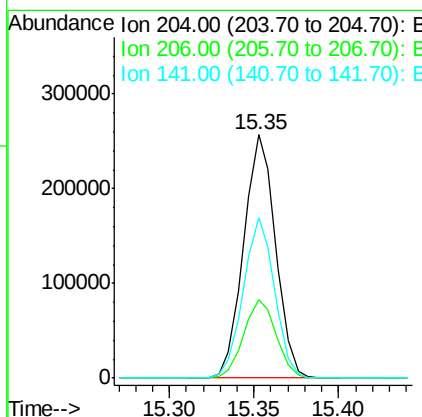
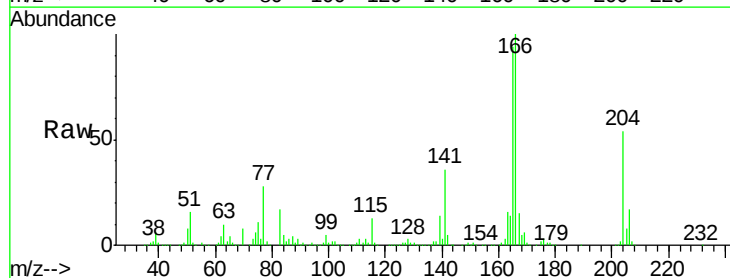
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

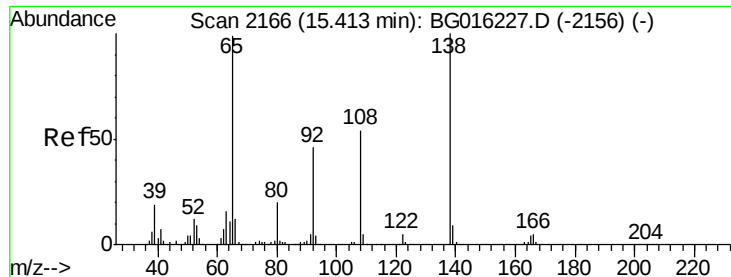
Tgt Ion:149 Resp: 789468
Ion Ratio Lower Upper
149 100
177 23.0 17.7 26.5
150 12.9 10.0 15.0



#60
4-Chlorophenyl-phenylether
Concen: 47.53 ng
RT: 15.35 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:204 Resp: 337674
Ion Ratio Lower Upper
204 100
206 32.4 27.6 41.4
141 66.1 55.4 83.2

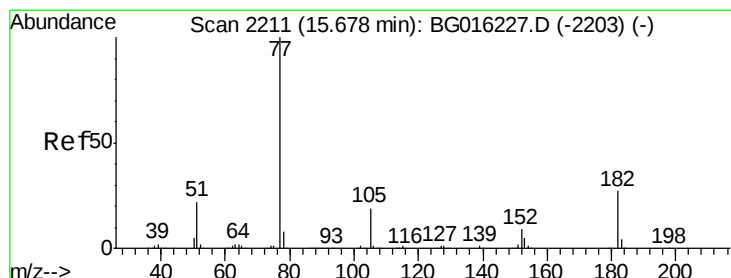
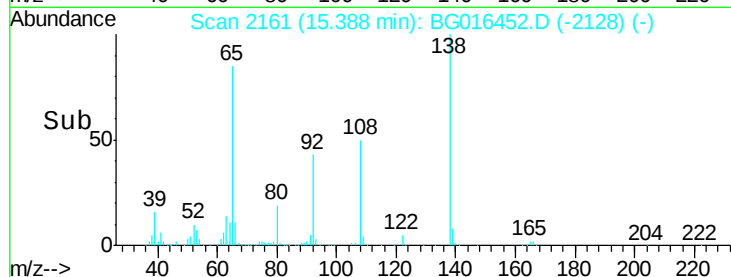
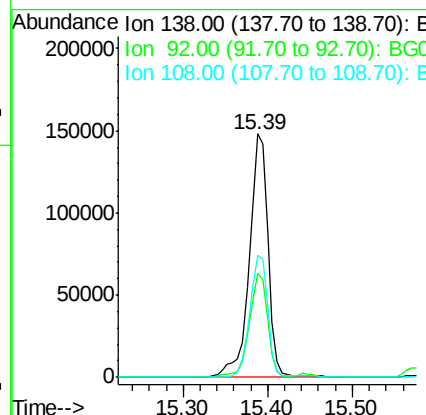
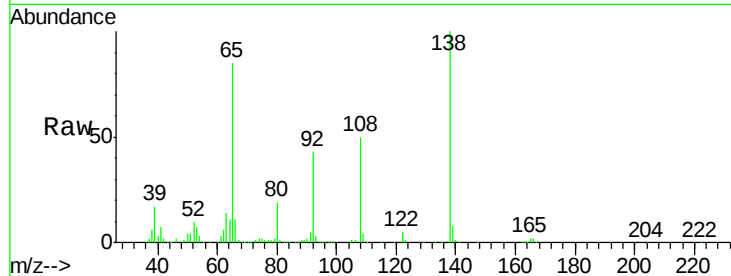




#61
4-Nitroaniline
Concen: 38.76 ng
RT: 15.39 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

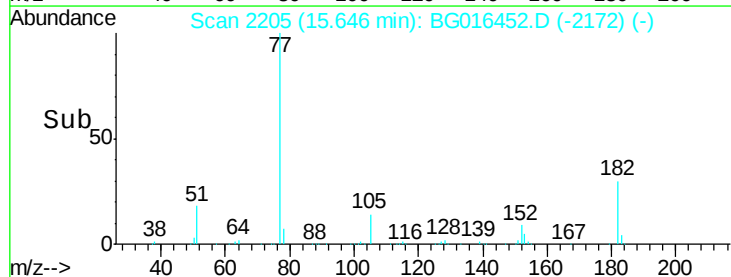
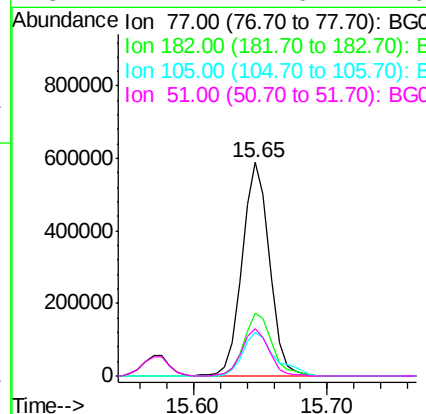
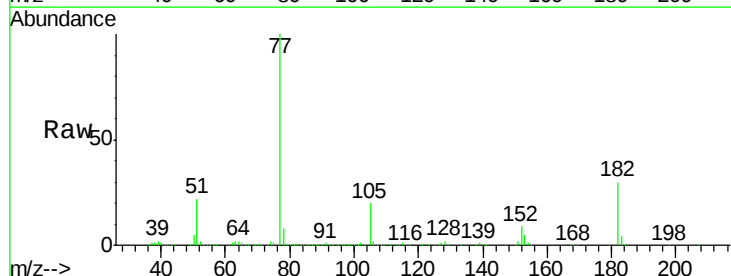
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

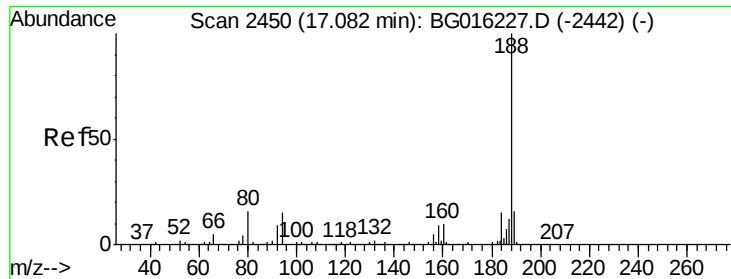
Tgt Ion: 138 Resp: 227517
Ion Ratio Lower Upper
138 100
92 42.5 26.3 66.3
108 49.9 33.6 73.6



#62
Azobenzene
Concen: 43.86 ng
RT: 15.65 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion: 77 Resp: 832057
Ion Ratio Lower Upper
77 100
182 29.5 6.6 46.6
105 20.5 0.0 39.2
51 22.1 2.0 42.0

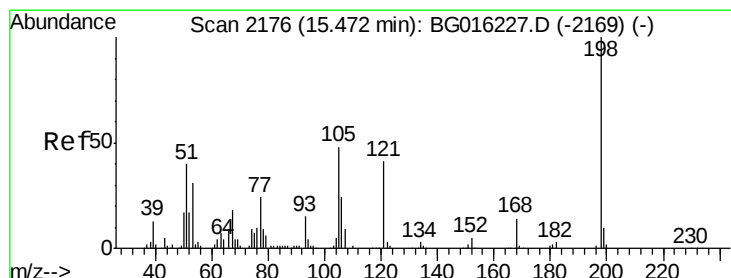
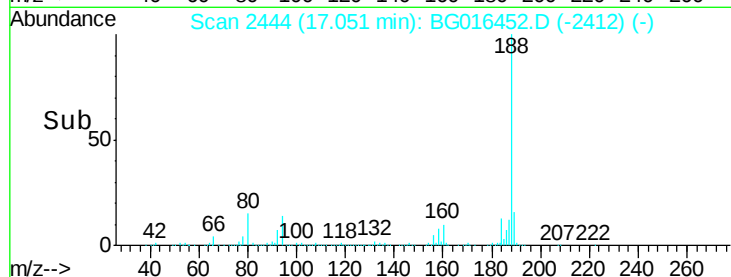
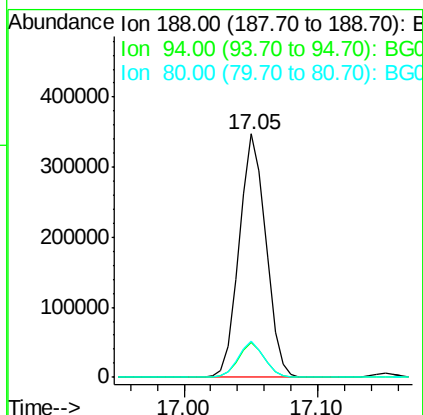
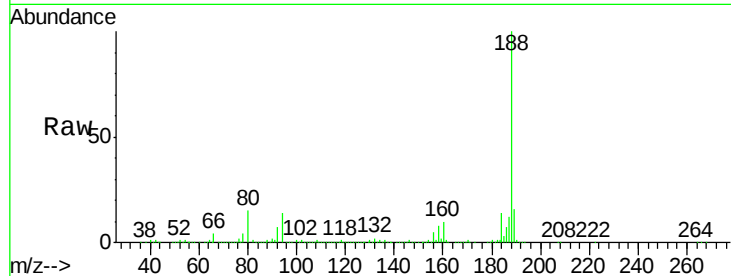




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

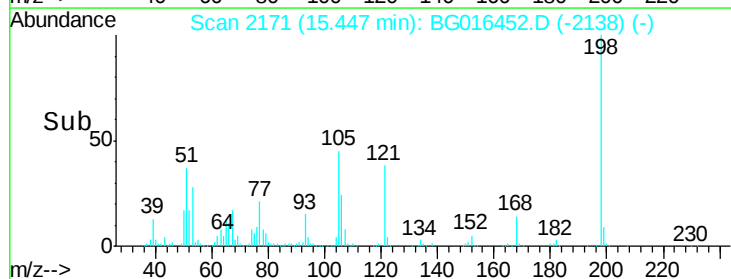
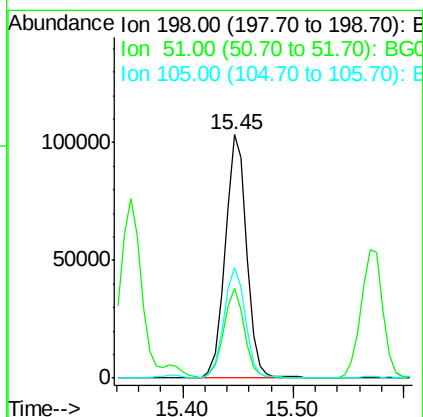
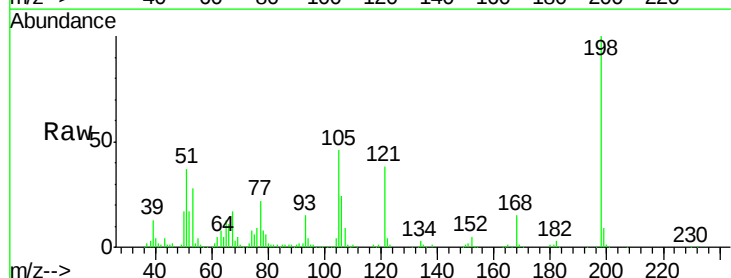
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

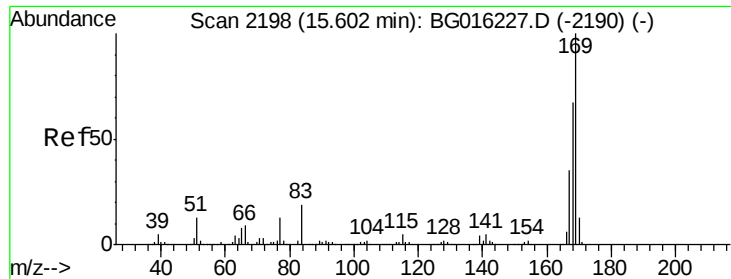
Tgt Ion:188 Resp: 479790
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 14.6 12.8 19.2



#64
4,6-Dinitro-2-methylphenol
Concen: 42.16 ng
RT: 15.45 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:198 Resp: 140639
Ion Ratio Lower Upper
198 100
51 37.2 20.7 60.7
105 45.6 28.8 68.8

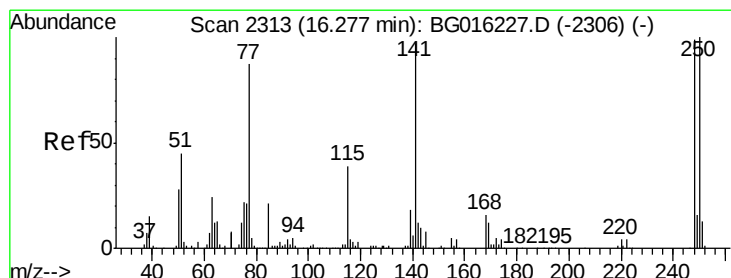
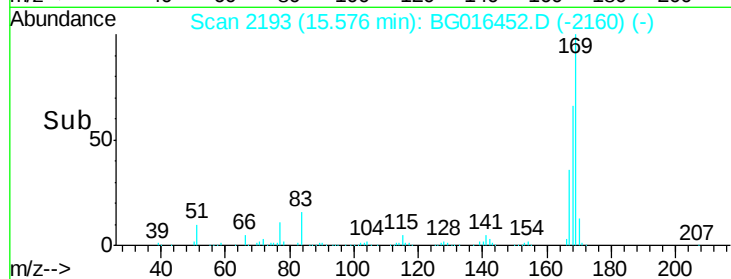
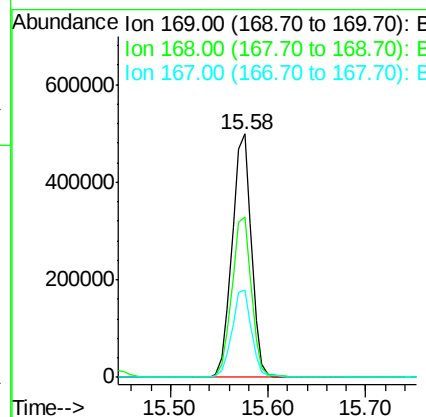
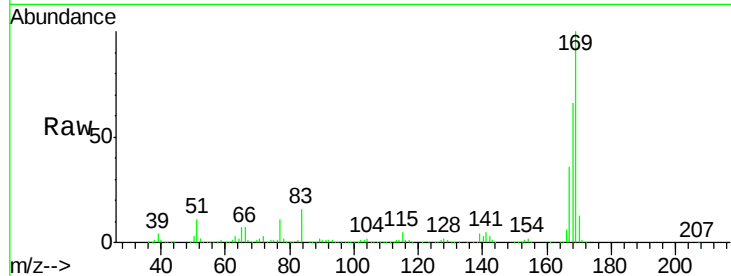




#65
 n-Nitrosodiphenylamine
 Concen: 42.04 ng
 RT: 15.58 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

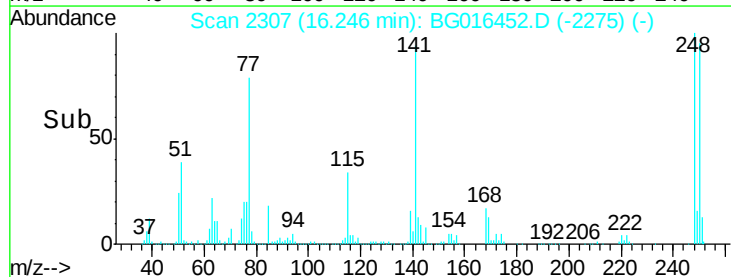
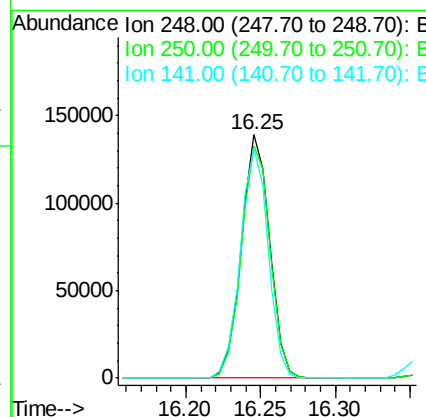
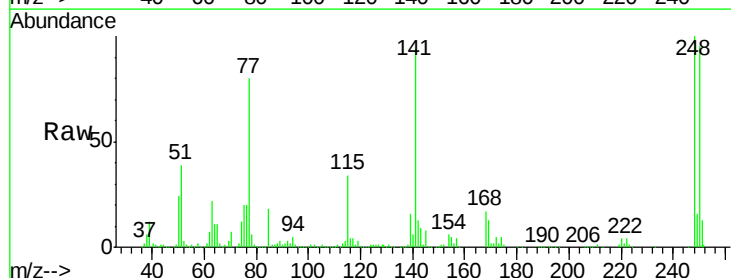
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

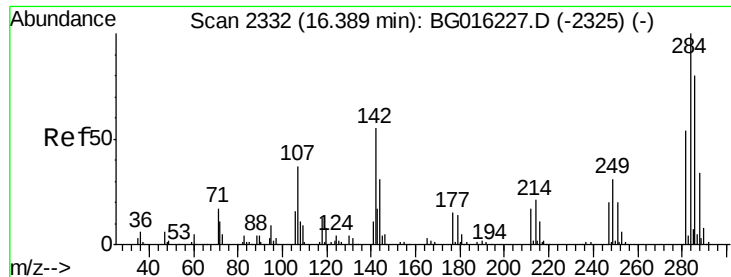
Tgt Ion:169 Resp: 681907
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.4 80.0
 167 36.1 28.3 42.5



#66
 4-Bromophenyl-phenylether
 Concen: 47.55 ng
 RT: 16.25 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:248 Resp: 182142
 Ion Ratio Lower Upper
 248 100
 250 95.2 80.5 120.7
 141 94.3 78.2 117.4

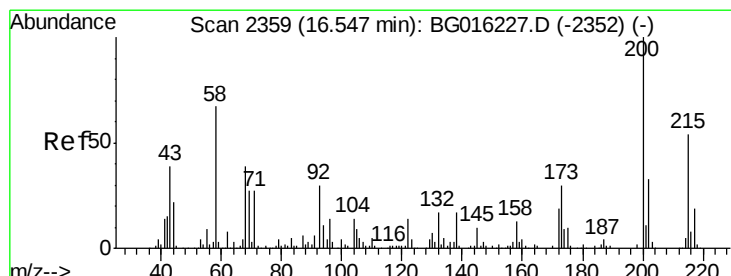
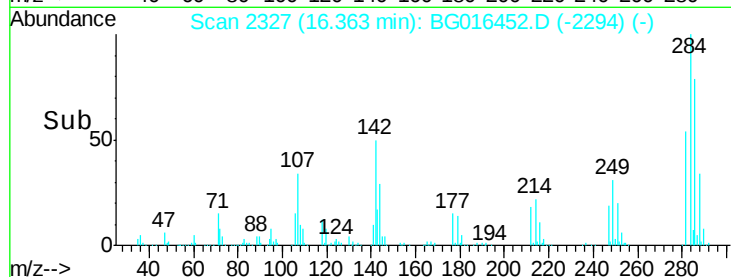
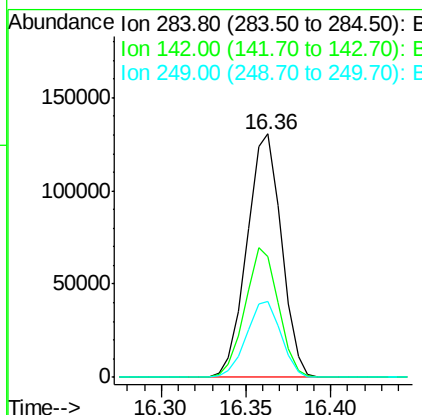
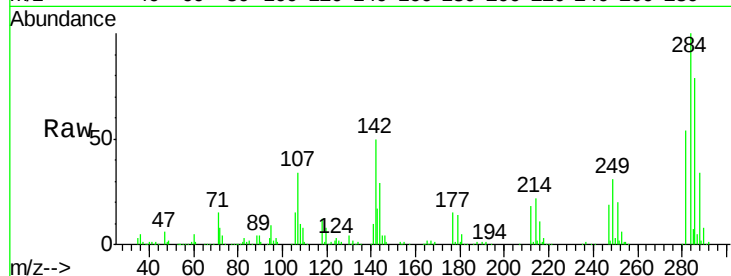




#67
Hexachlorobenzene
Concen: 46.74 ng
RT: 16.36 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

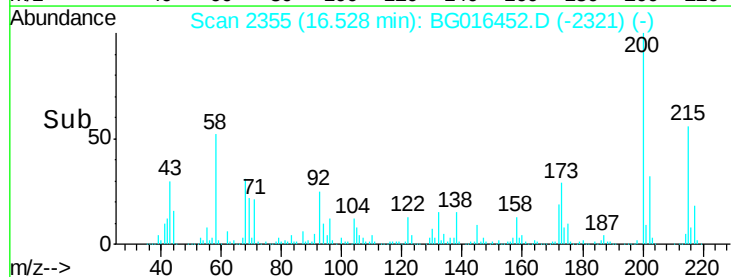
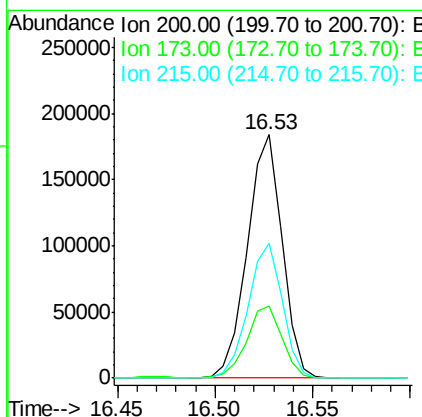
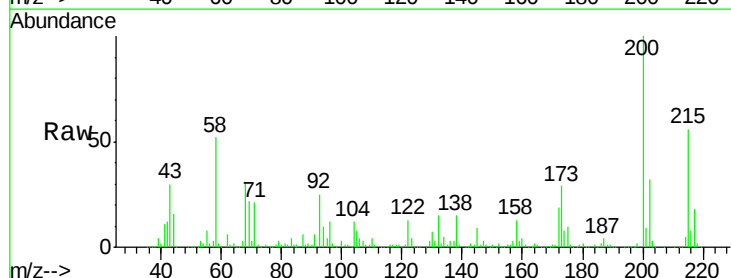
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

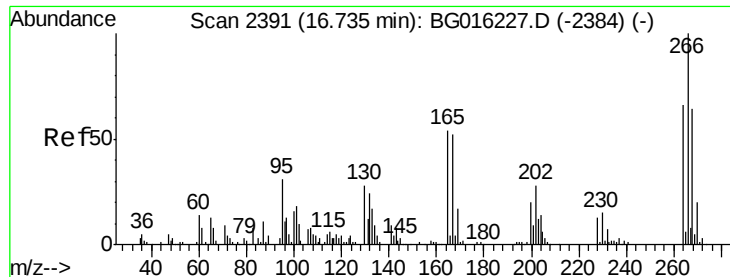
Tgt Ion	Ratio	Lower	Upper
284	100		
142	49.9	44.2	66.2
249	31.1	24.8	37.2



#68
Atrazine
Concen: 50.33 ng
RT: 16.53 min Scan# 2355
Delta R.T. 0.00 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	10.2	50.2
215	55.5	34.4	74.4

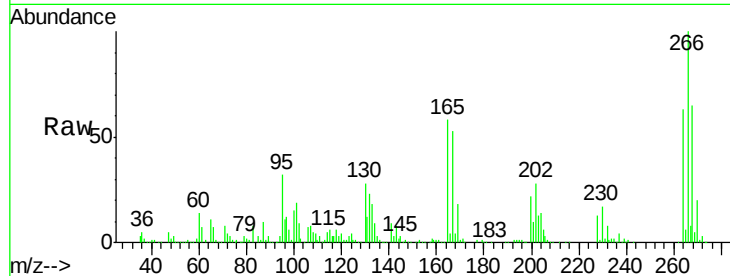




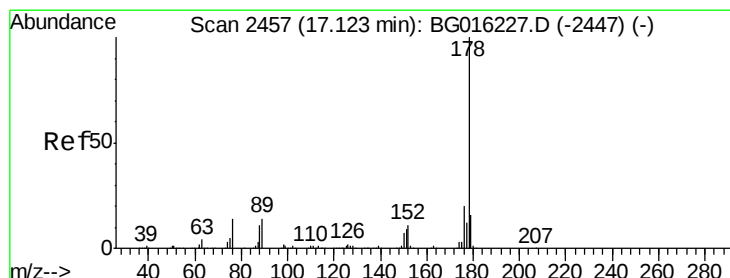
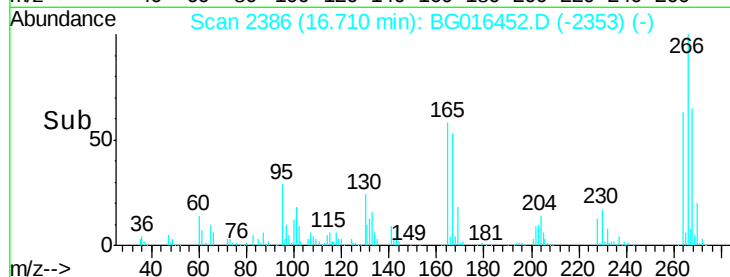
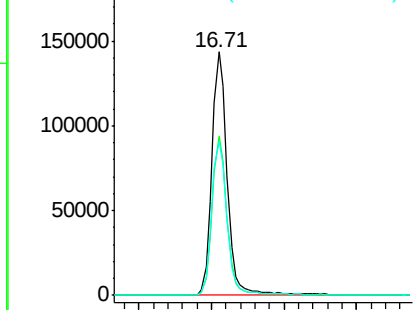
#69
 Pentachlorophenol
 Concen: 87.58 ng
 RT: 16.71 min Scan# 2386
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:266 Resp: 212923
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.9 76.3
 264 63.5 52.8 79.2

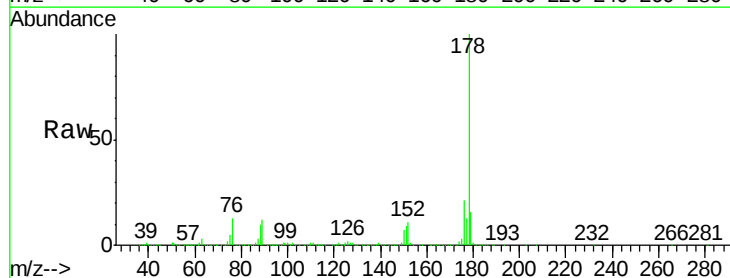


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

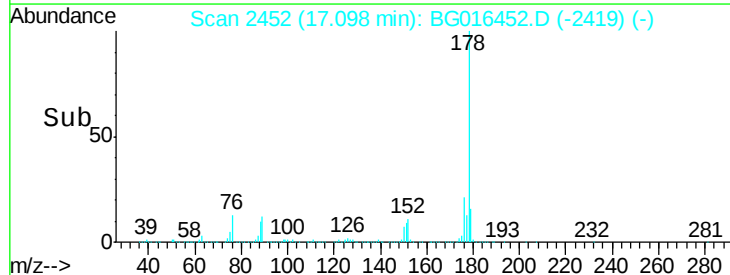
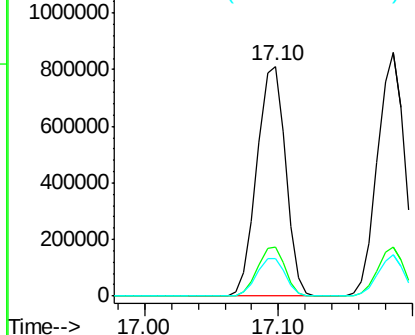


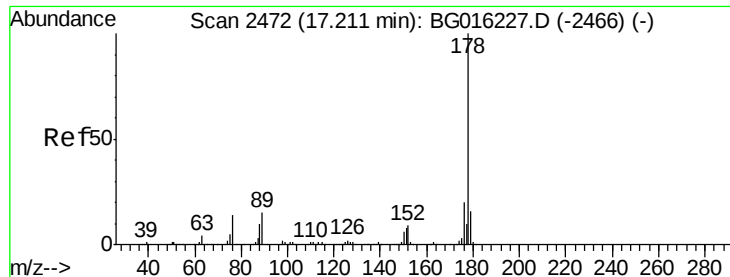
#70
 Phenanthrene
 Concen: 44.68 ng
 RT: 17.10 min Scan# 2452
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:178 Resp: 1205676
 Ion Ratio Lower Upper
 178 100
 176 21.1 16.2 24.4
 179 16.3 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 45.11 ng

RT: 17.19 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

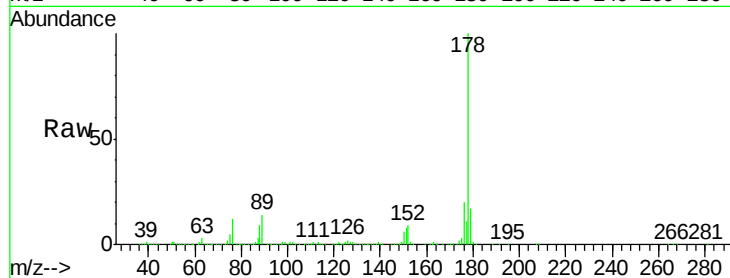
Tgt Ion:178 Resp: 1206501

Ion Ratio Lower Upper

178 100

176 20.4 15.9 23.9

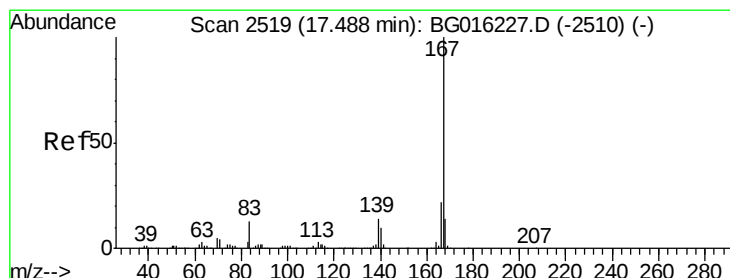
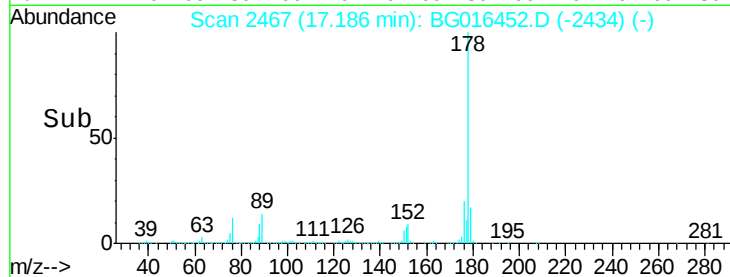
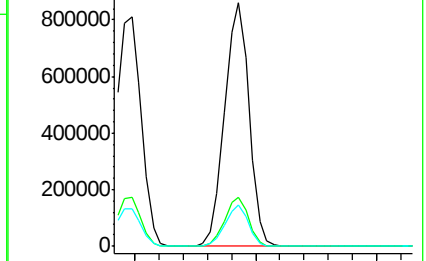
179 16.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 44.64 ng

RT: 17.46 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

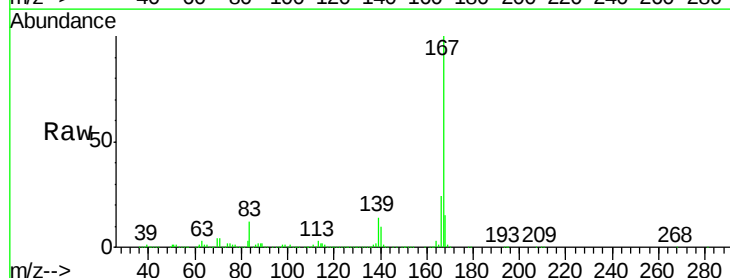
Tgt Ion:167 Resp: 1198035

Ion Ratio Lower Upper

167 100

166 23.5 17.9 26.9

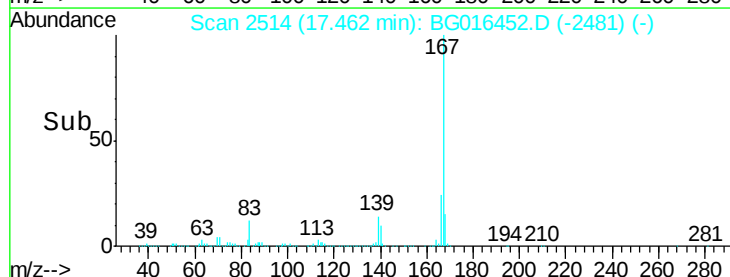
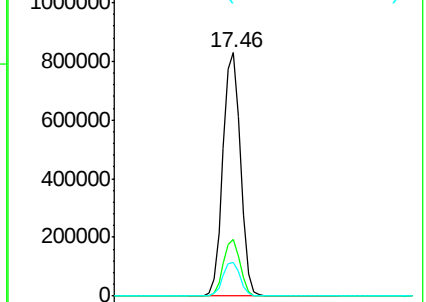
139 13.9 11.5 17.3

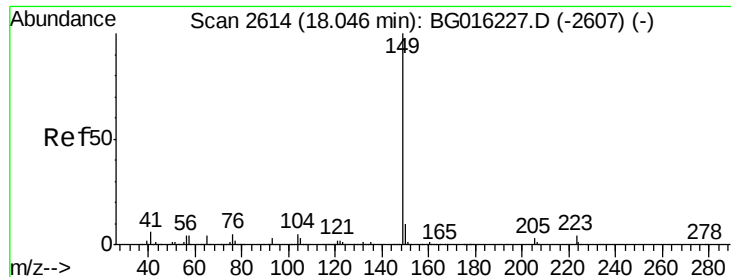


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

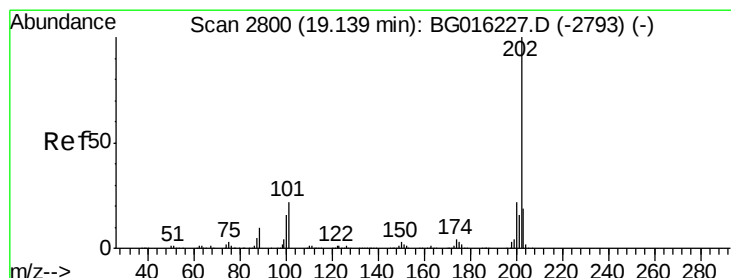
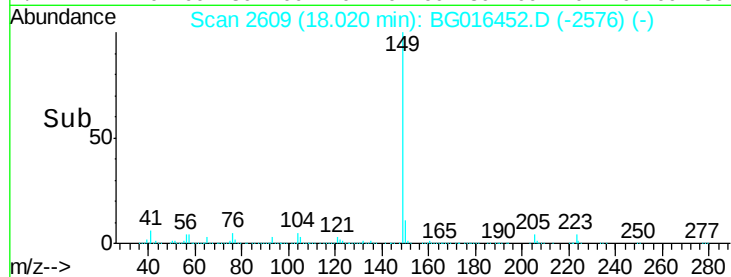
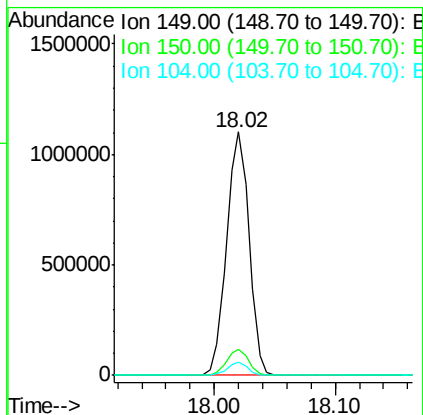
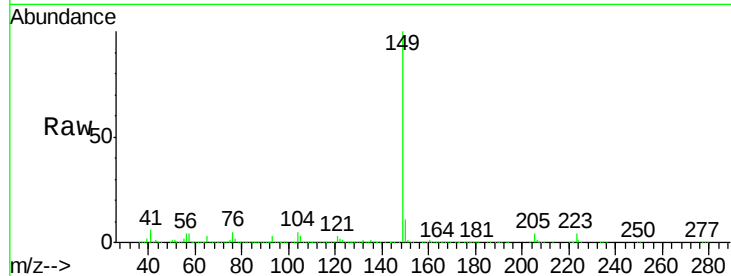




#73
Di-n-butylphthalate
Concen: 43.27 ng
RT: 18.02 min Scan# 2609
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

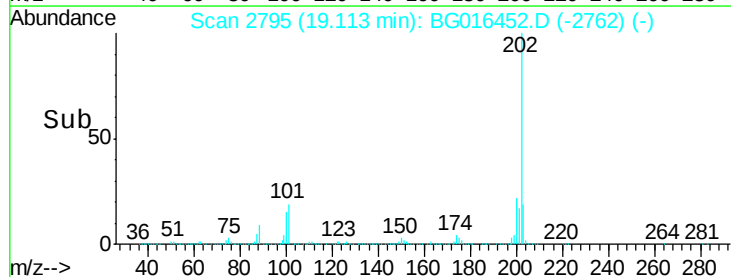
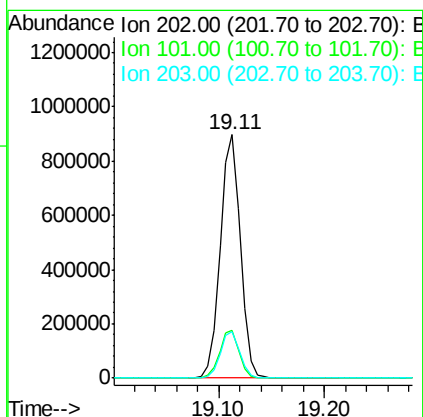
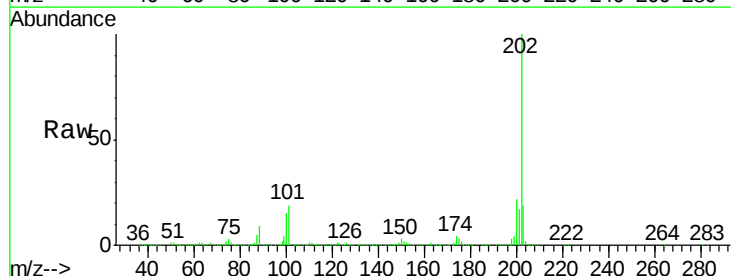
Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

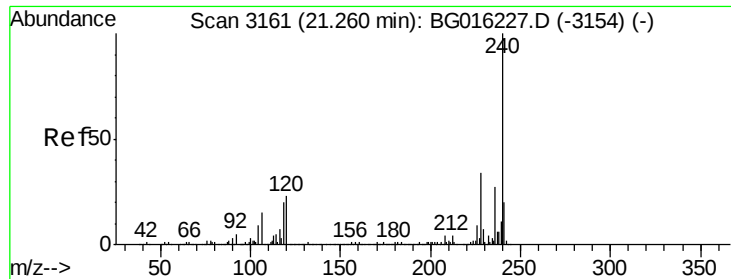
Tgt Ion:149 Resp: 1421209
Ion Ratio Lower Upper
149 100
150 10.9 8.2 12.4
104 5.2 4.0 6.0



#74
Fluoranthene
Concen: 42.76 ng
RT: 19.11 min Scan# 2795
Delta R.T. -0.01 min
Lab File: BG016452.D
Acq: 16 Apr 2015 10:04

Tgt Ion:202 Resp: 1189309
Ion Ratio Lower Upper
202 100
101 19.4 1.7 41.7
203 19.1 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

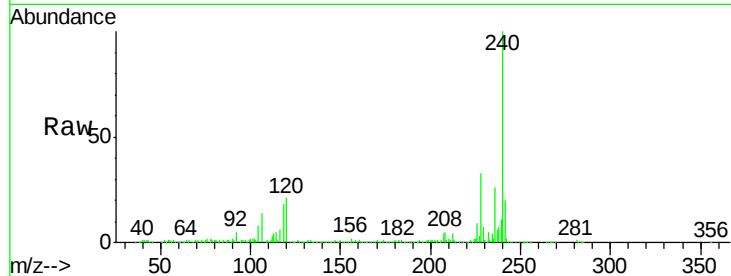
Tgt Ion:240 Resp: 383604

Ion Ratio Lower Upper

240 100

120 21.3 18.6 28.0

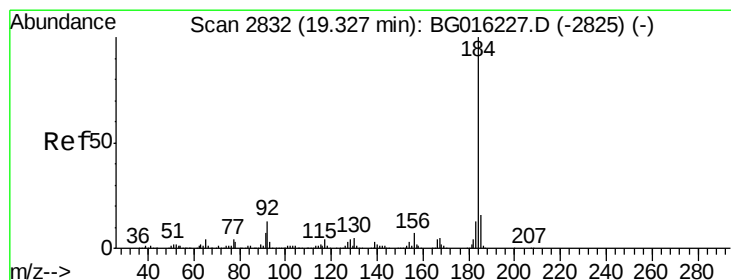
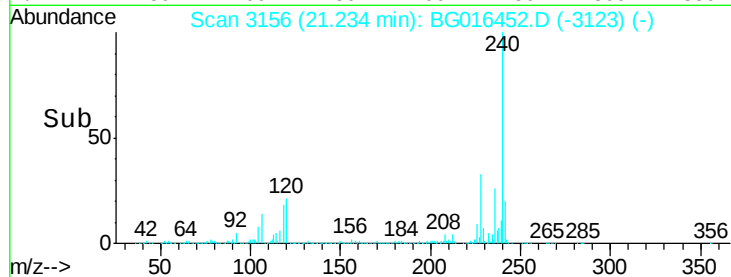
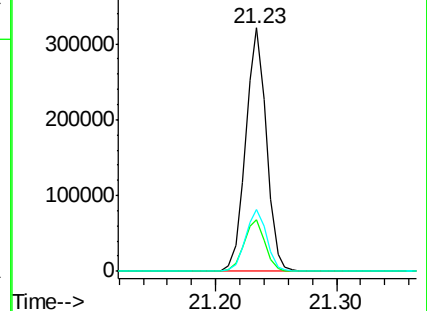
236 25.6 21.7 32.5



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: 6.96 ng

RT: 19.30 min Scan# 2827

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

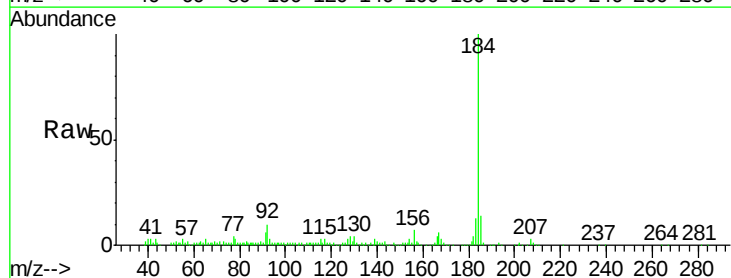
Tgt Ion:184 Resp: 113238

Ion Ratio Lower Upper

184 100

185 14.3 12.6 19.0

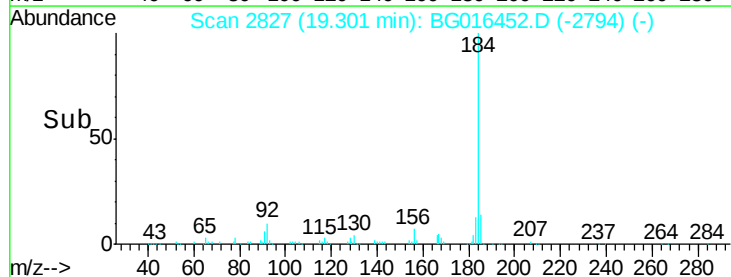
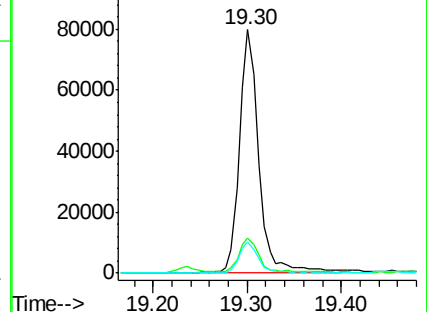
183 12.6 10.4 15.6

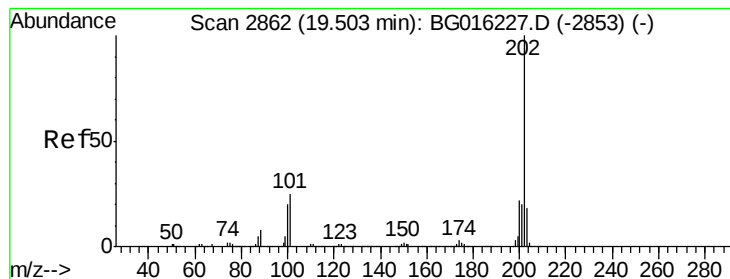


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 45.70 ng

RT: 19.48 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

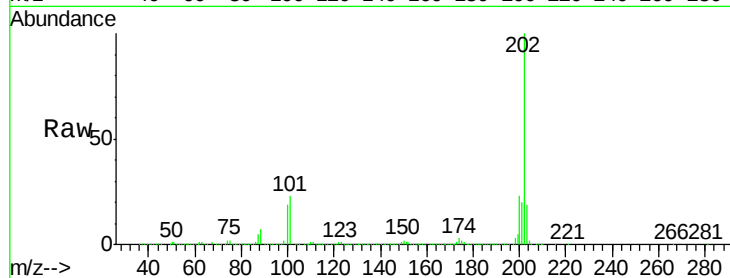
Tgt Ion:202 Resp: 1220705

Ion Ratio Lower Upper

202 100

200 23.4 17.8 26.8

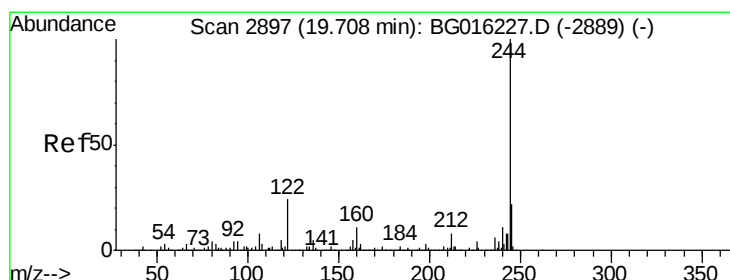
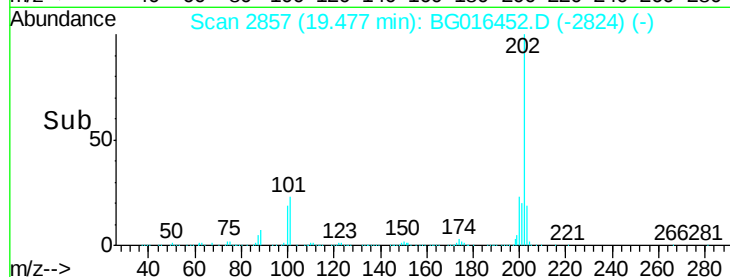
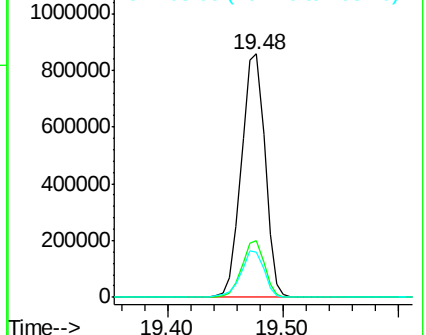
203 18.8 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 77.98 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

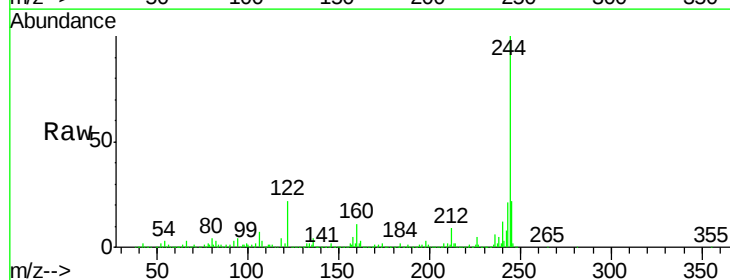
Tgt Ion:244 Resp: 1278184

Ion Ratio Lower Upper

244 100

212 8.6 6.6 9.8

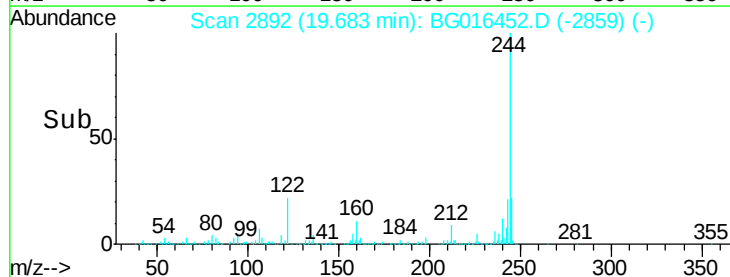
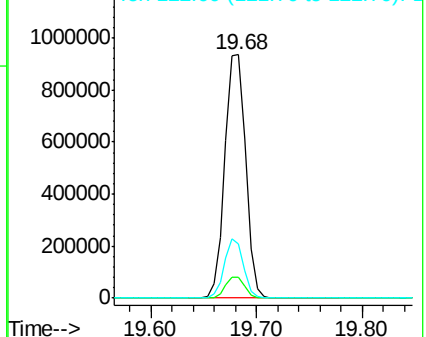
122 22.3 19.1 28.7

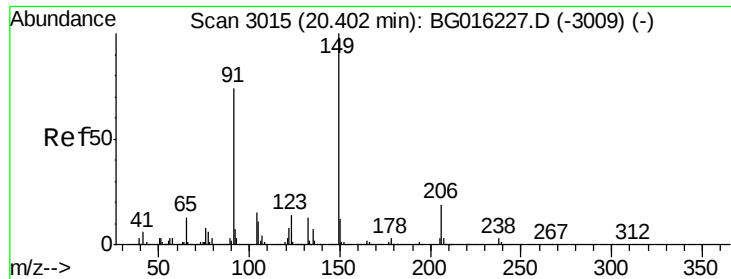


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.71 ng

RT: 20.38 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

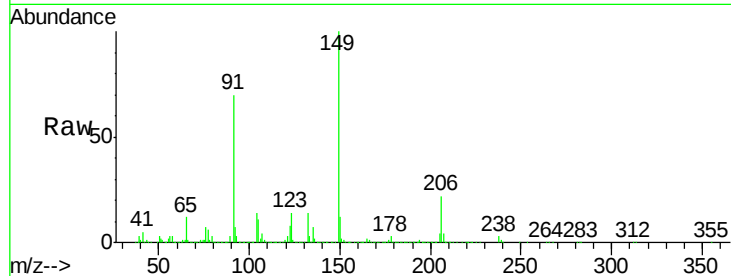
Tgt Ion:149 Resp: 652363

Ion Ratio Lower Upper

149 100

91 69.7 59.4 89.2

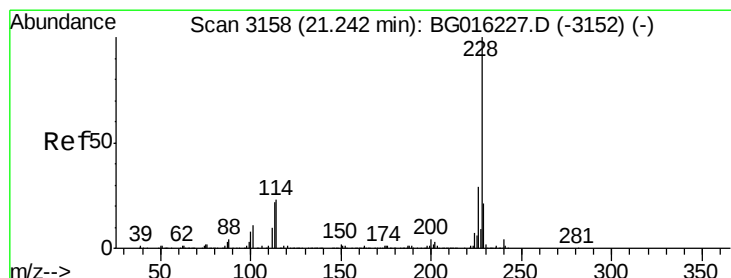
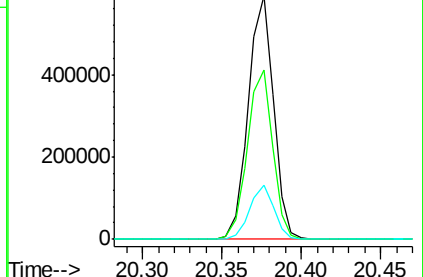
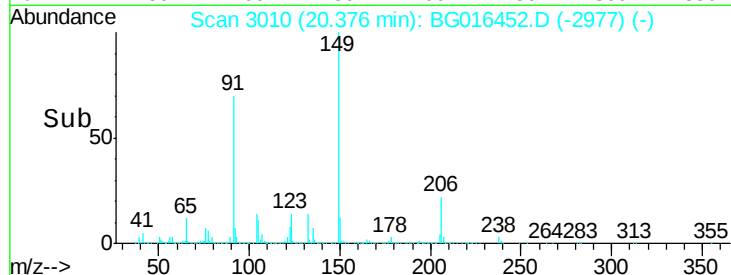
206 22.4 15.6 23.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 45.91 ng

RT: 21.22 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

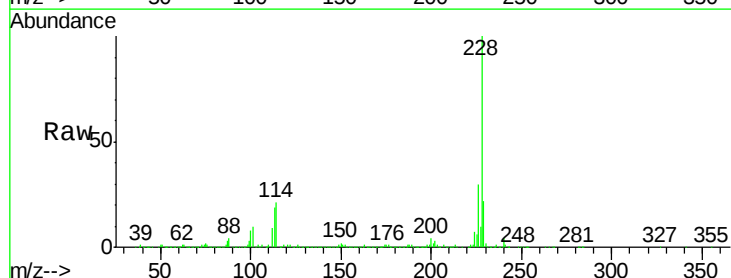
Tgt Ion:228 Resp: 1040731

Ion Ratio Lower Upper

228 100

226 29.8 23.5 35.3

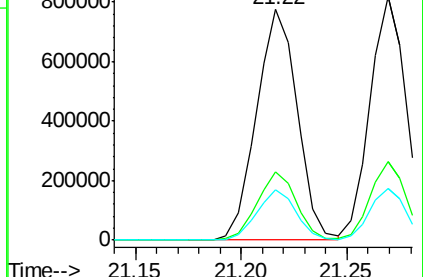
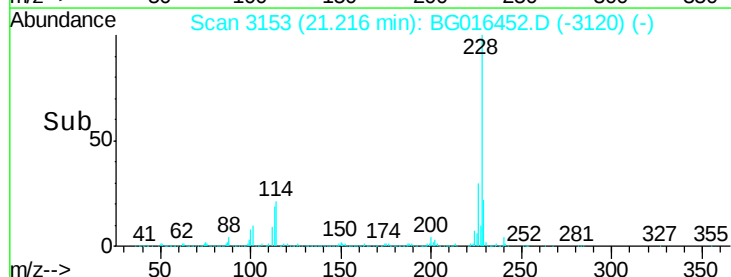
229 21.6 16.8 25.2

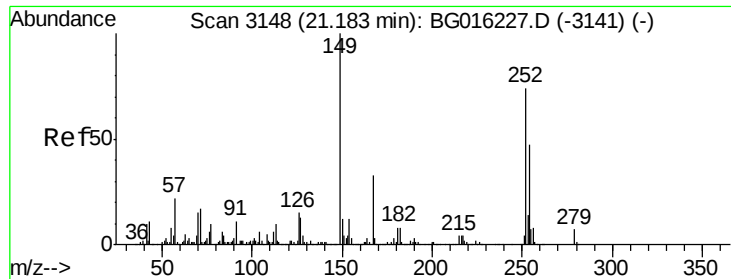


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

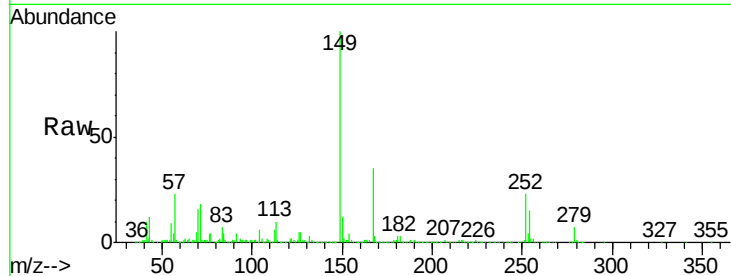




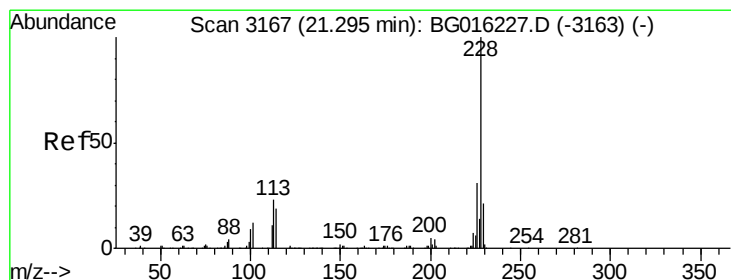
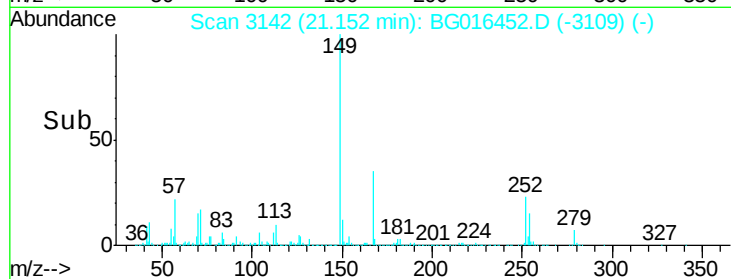
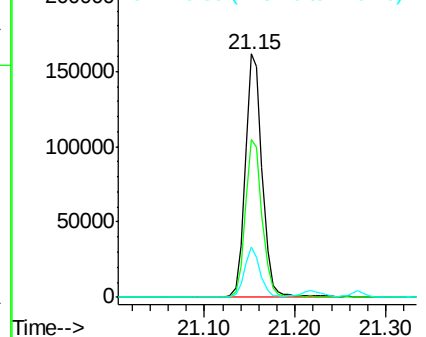
#81
 3,3'-Dichlorobenzidine
 Concen: 28.21 ng
 RT: 21.15 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

Tgt Ion:252 Resp: 210328
 Ion Ratio Lower Upper
 252 100
 254 64.9 50.8 76.2
 126 20.8 16.0 24.0

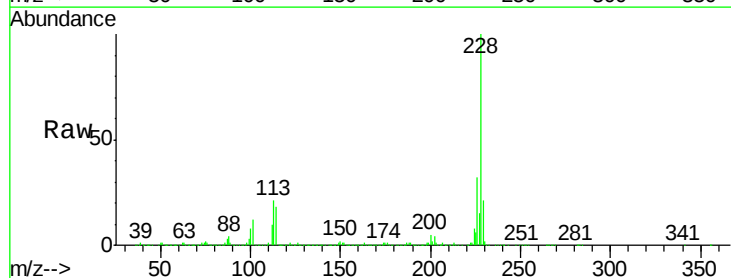


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

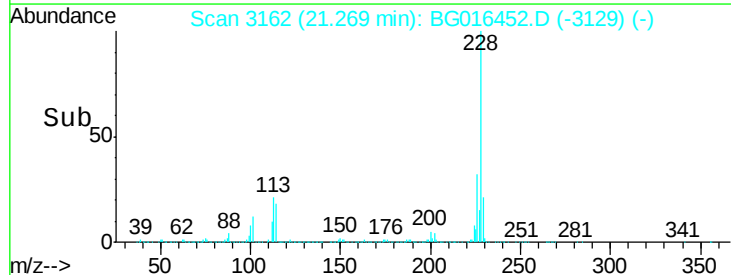
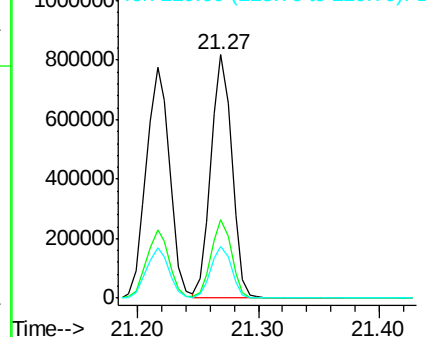


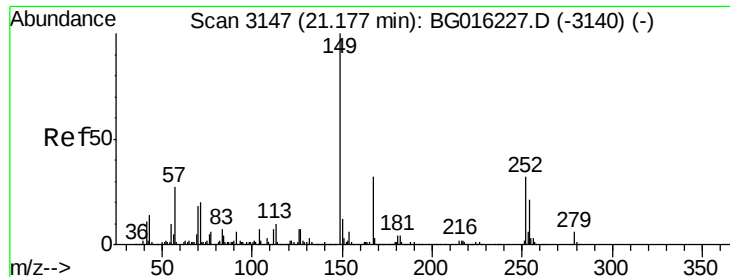
#82
 Chrysene
 Concen: 44.77 ng
 RT: 21.27 min Scan# 3162
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:228 Resp: 979987
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.0 37.4
 229 21.4 17.0 25.4



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

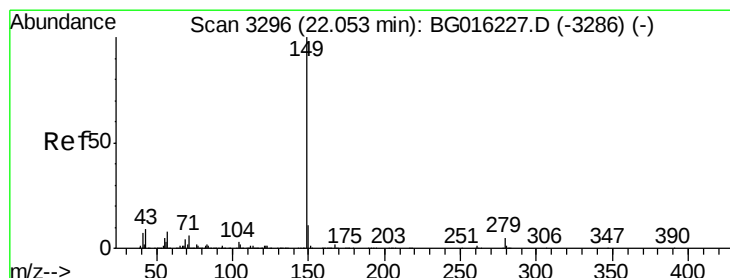
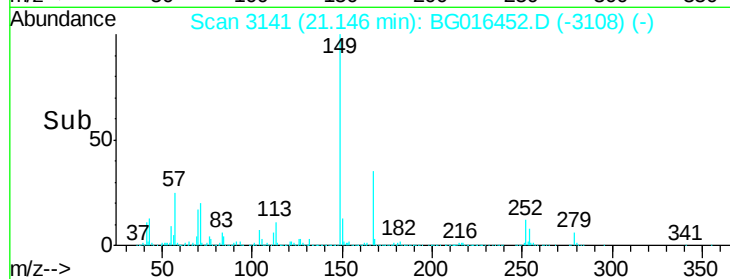
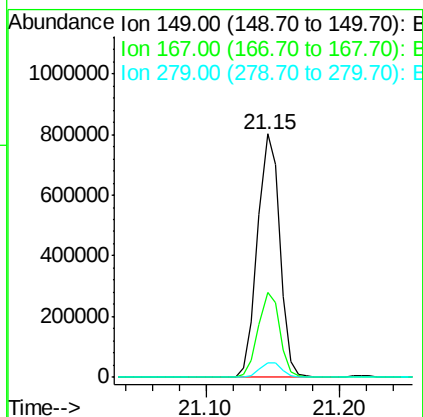
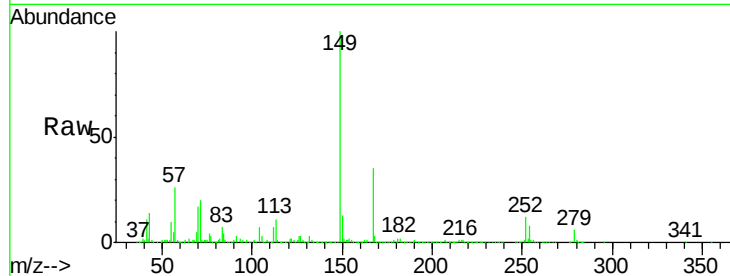




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.37 ng
 RT: 21.15 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

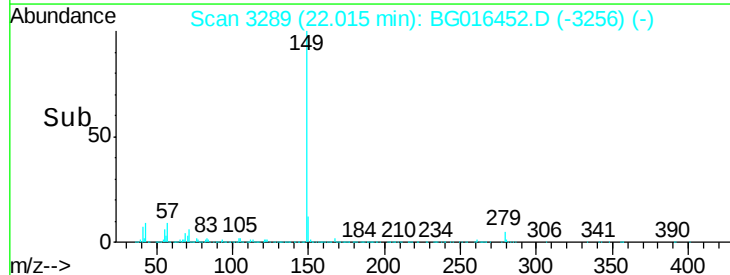
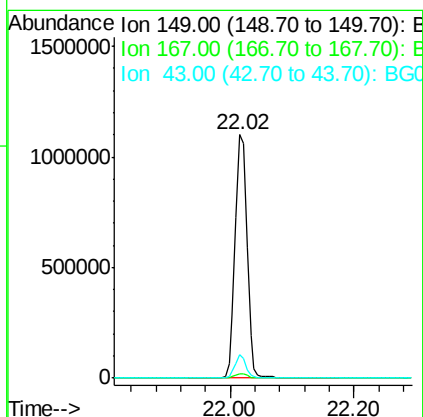
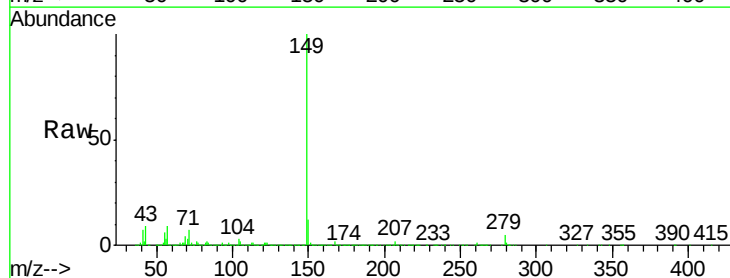
Instrument :
 BNA_G
 ClientSampleId :
 TE-PMW-43MSD

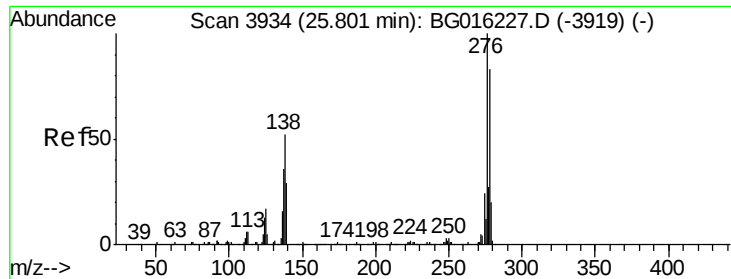
Tgt Ion:149 Resp: 912703
 Ion Ratio Lower Upper
 149 100
 167 34.9 25.8 38.6
 279 5.8 4.7 7.1



#84
 Di-n-octyl phthalate
 Concen: 50.24 ng
 RT: 22.02 min Scan# 3289
 Delta R.T. -0.01 min
 Lab File: BG016452.D
 Acq: 16 Apr 2015 10:04

Tgt Ion:149 Resp: 1454272
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.3 1.9
 43 8.2 7.0 10.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 48.73 ng

RT: 25.75 min Scan# 3924

Delta R.T. 0.00 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

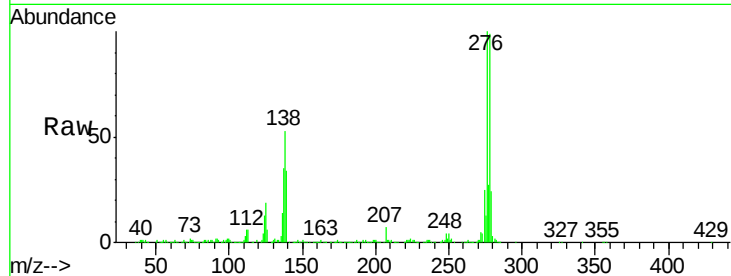
Tgt Ion:276 Resp: 1107975

Ion Ratio Lower Upper

276 100

138 49.8 41.5 62.3

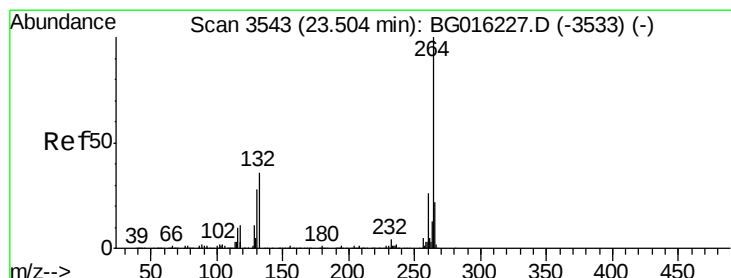
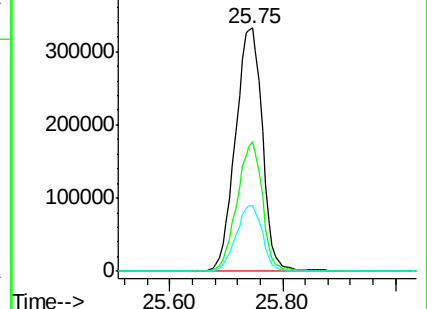
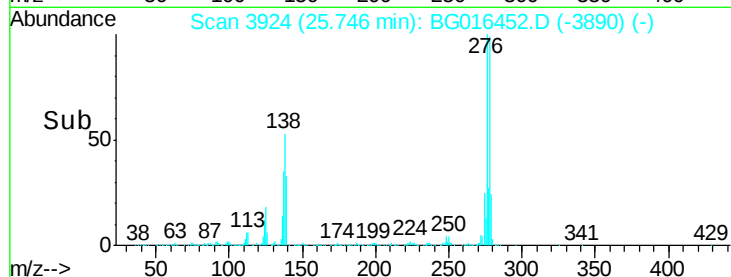
277 26.6 21.0 31.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

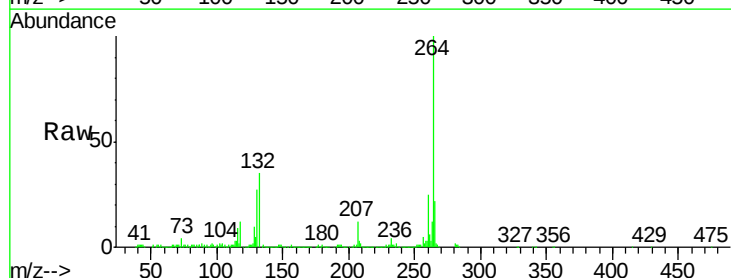
Tgt Ion:264 Resp: 359764

Ion Ratio Lower Upper

264 100

260 24.5 20.4 30.6

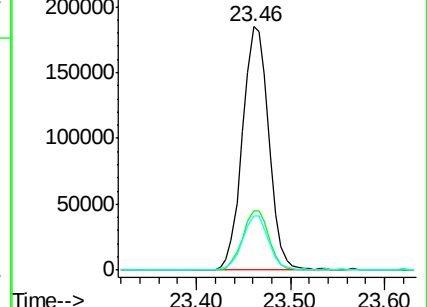
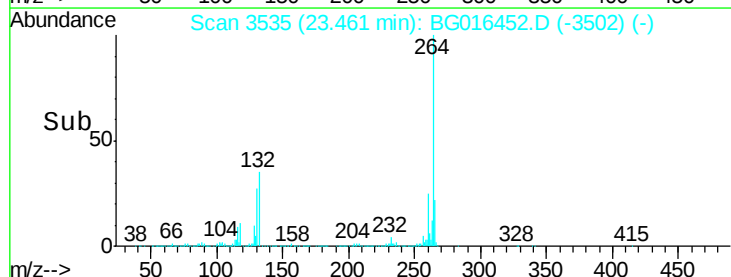
265 22.1 17.2 25.8

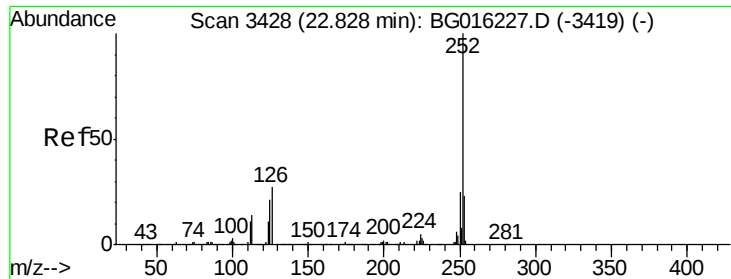


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 47.86 ng

RT: 22.79 min Scan# 3421

Delta R.T. -0.01 min

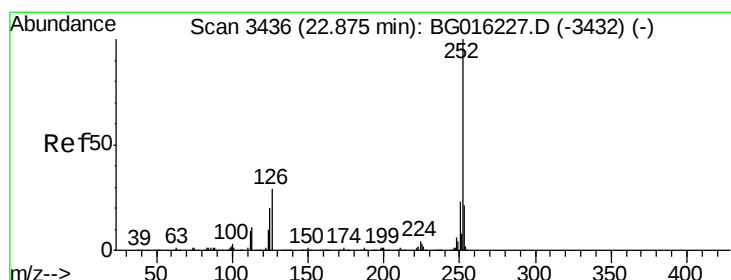
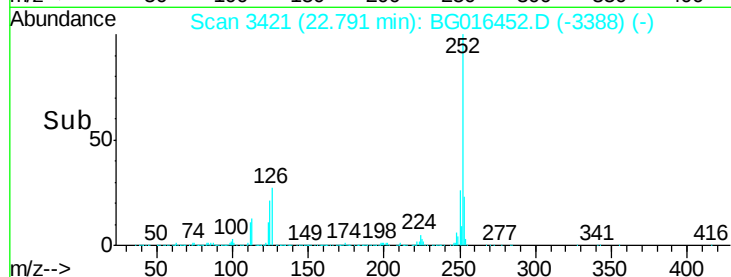
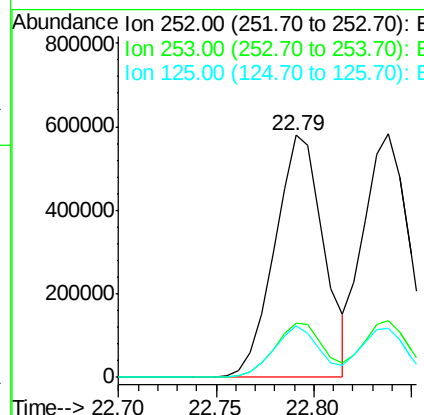
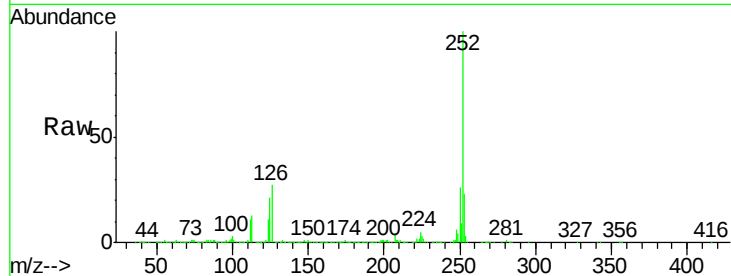
Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :
BNA_G
ClientSampleId :
TE-PMW-43MSD

Tgt Ion:252 Resp: 1008392

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.5	27.7
125	21.4	17.0	25.6



#88

Benzo(k)fluoranthene

Concen: 46.05 ng

RT: 22.84 min Scan# 3429

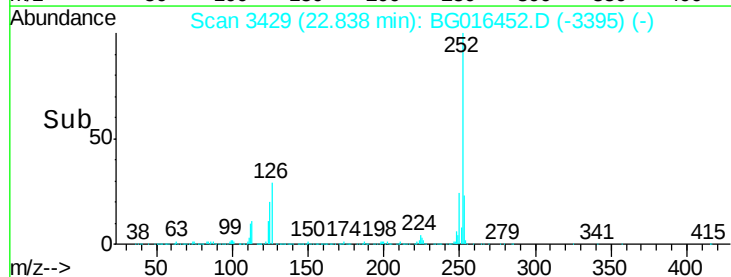
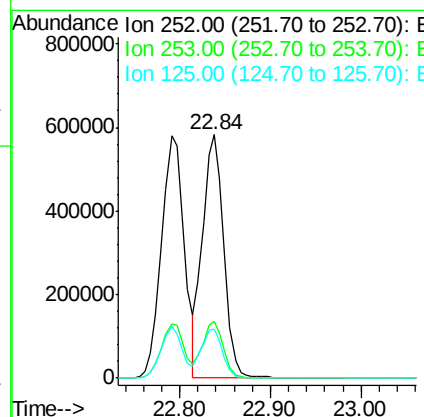
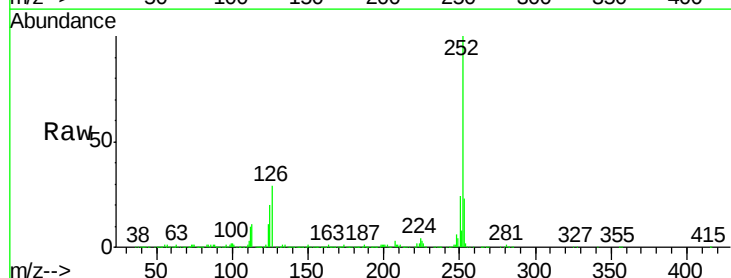
Delta R.T. 0.00 min

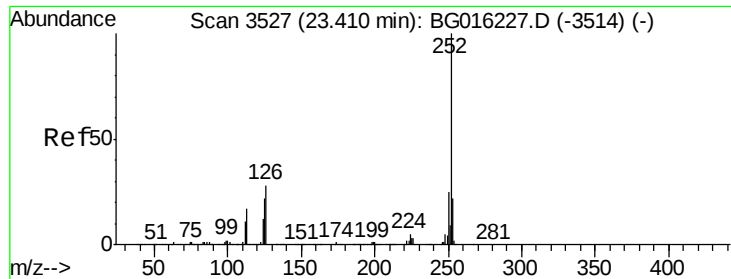
Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Tgt Ion:252 Resp: 949507

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	20.2	16.3	24.5





#89

Benzo(a)pyrene

Concen: 48.21 ng

RT: 23.37 min Scan# 3520

Delta R.T. 0.00 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

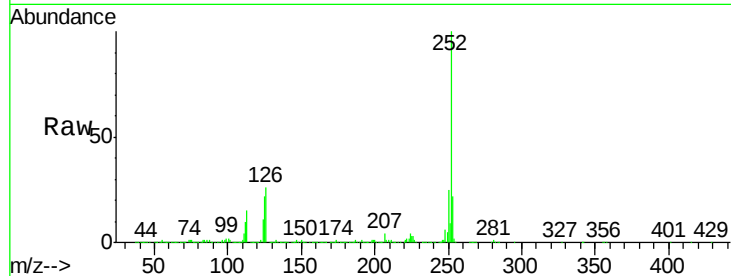
Tgt Ion: 252 Resp: 952140

Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

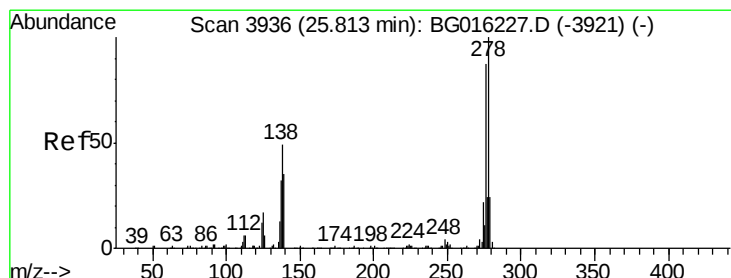
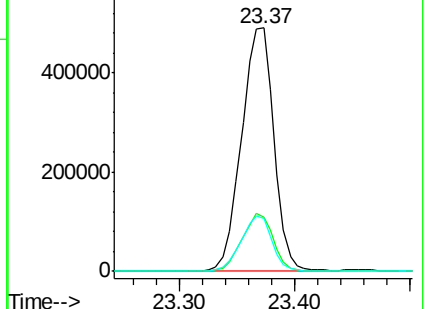
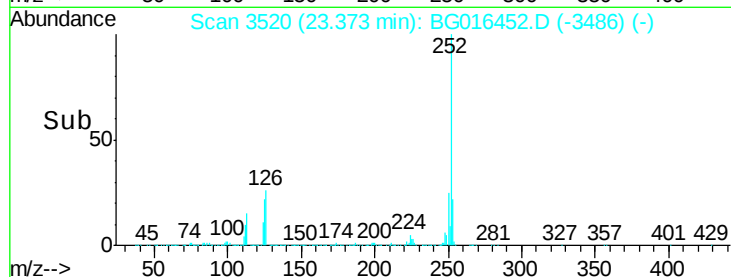
125 21.7 17.6 26.4



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: 48.19 ng

RT: 25.75 min Scan# 3925

Delta R.T. -0.01 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

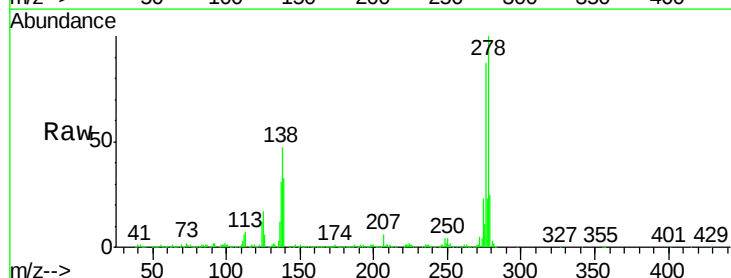
Tgt Ion: 278 Resp: 926027

Ion Ratio Lower Upper

278 100

139 33.2 27.9 41.9

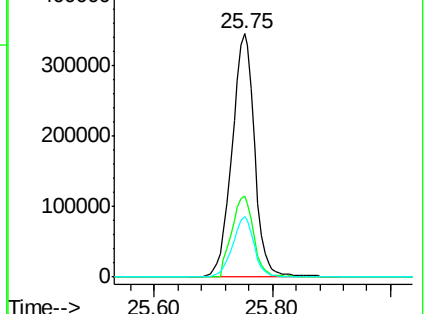
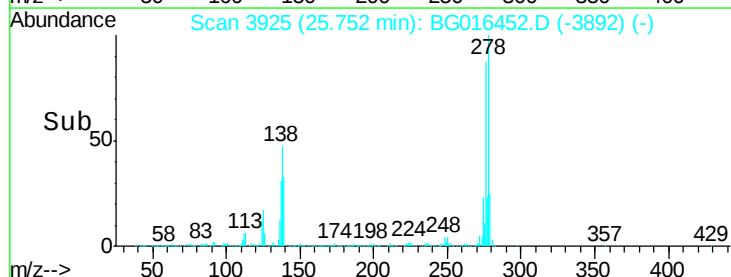
279 25.0 19.5 29.3

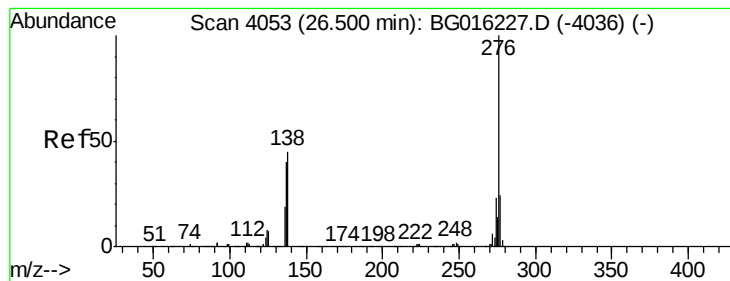


Abundance Ion 278.00 (277.70 to 278.70): E

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: 49.15 ng

RT: 26.45 min Scan# 4043

Delta R.T. 0.00 min

Lab File: BG016452.D

Acq: 16 Apr 2015 10:04

Instrument :

BNA_G

ClientSampleId :

TE-PMW-43MSD

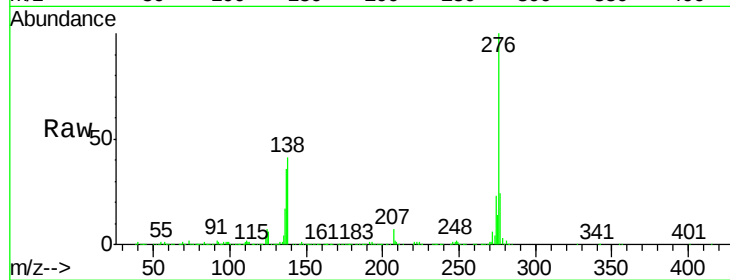
Tgt Ion: 276 Resp: 943323

Ion Ratio Lower Upper

276 100

277 24.0 19.5 29.3

138 40.6 35.7 53.5



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

