

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
 Data File : BG016692.D
 Acq On : 24 Apr 2015 20:29
 Operator : TP/IZ
 Sample : PB82973BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Quant Time: Apr 24 23:16:09 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 24 22:57:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	46709	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	197089	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	114643	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	241191	20.00	ng	0.00
75) Chrysene-d12	21.18	240	243686	20.00	ng	0.00
86) Perylene-d12	23.38	264	233625	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.19	112	367484	127.67	ng	0.00
7) Phenol-d6	6.79	99	496733	123.01	ng	0.00
23) Nitrobenzene-d5	8.75	82	247191	79.25	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	108857	127.99	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	584451	81.91	ng	0.00
78) Terphenyl-d14	19.63	244	774395	73.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.05	88	41140	32.99	ng	96
3) Pyridine	3.44	79	112681	31.83	ng	98
4) n-Nitrosodimethylamine	3.36	42	38020	36.40	ng	92
6) Aniline	6.92	93	128504	23.21	ng	100
8) 2-Chlorophenol	7.17	128	143070	40.21	ng	99
9) Benzaldehyde	6.74	77	11344	6.88	ng	97
10) Phenol	6.82	94	174696	41.04	ng	99
11) bis(2-Chloroethyl)ether	7.02	93	119874	36.08	ng	99
12) 1,3-Dichlorobenzene	7.48	146	134484	36.55	ng	99
13) 1,4-Dichlorobenzene	7.63	146	137399	36.53	ng	99
14) 1,2-Dichlorobenzene	7.94	146	133868	37.28	ng	98
15) Benzyl Alcohol	7.84	79	97720	38.56	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.13	45	120143	38.63	ng	99
17) 2-Methylphenol	8.06	107	117287	41.21	ng	98
18) Hexachloroethane	8.66	117	49612	37.41	ng	97
19) n-Nitroso-di-n-propylamine	8.40	70	88330	35.09	ng	99
20) 3+4-Methylphenols	8.39	107	156517	39.12	ng	97
22) Acetophenone	8.42	105	174433	40.32	ng	# 98
24) Nitrobenzene	8.79	77	125639	38.36	ng	96
25) Isophorone	9.31	82	245687	38.01	ng	99
26) 2-Nitrophenol	9.50	139	75416	39.68	ng	95
27) 2,4-Dimethylphenol	9.57	122	138967	43.78	ng	99
28) bis(2-Chloroethoxy)methane	9.80	93	154930	39.72	ng	99
29) 2,4-Dichlorophenol	10.04	162	121225	44.93	ng	98
30) 1,2,4-Trichlorobenzene	10.24	180	111812	39.11	ng	99
31) Naphthalene	10.43	128	405155	38.99	ng	99
32) Benzoic acid	9.73	122	51734	33.38	ng	98
33) 4-Chloroaniline	10.55	127	82384	17.21	ng	98
34) Hexachlorobutadiene	10.71	225	49717	38.93	ng	94
35) Caprolactam	11.31	113	28745	19.76	ng	92
36) 4-Chloro-3-methylphenol	11.70	107	136252	43.43	ng	99
37) 2-Methylnaphthalene	12.05	142	296731	39.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.42	216	104301	38.19	ng	99
40) Hexachlorocyclopentadiene	12.40	237	79839	75.83	ng	99

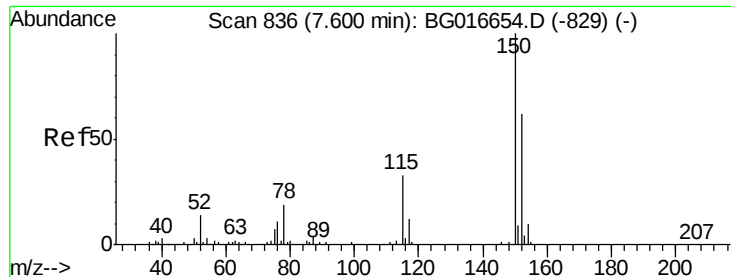
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.68	196	82390	41.28	ng	99
43) 2,4,5-Trichlorophenol	12.76	196	92011	43.57	ng	97
45) 1,1'-Biphenyl	13.08	154	366055	40.66	ng	99
46) 2-Chloronaphthalene	13.12	162	271951	39.29	ng	100
47) 2-Nitroaniline	13.33	65	77821	41.22	ng	97
48) Acenaphthylene	13.97	152	479749	39.58	ng	99
49) Dimethylphthalate	13.71	163	350189	40.83	ng	100
50) 2,6-Dinitrotoluene	13.83	165	86310	41.01	ng	97
51) Acenaphthene	14.31	154	284687	39.13	ng	99
52) 3-Nitroaniline	14.17	138	54733	21.52	ng	96
53) 2,4-Dinitrophenol	14.38	184	84839	74.70	ng	98
54) Dibenzofuran	14.64	168	420683	40.99	ng	99
55) 4-Nitrophenol	14.50	139	160345	84.13	ng	96
56) 2,4-Dinitrotoluene	14.63	165	122666	42.56	ng	99
57) Fluorene	15.30	166	366873	40.90	ng	98
58) 2,3,4,6-Tetrachlorophenol	14.89	232	68718	43.00	ng	97
59) Diethylphthalate	15.08	149	368430	41.22	ng	100
60) 4-Chlorophenyl-phenylether	15.29	204	150664	40.22	ng	99
61) 4-Nitroaniline	15.33	138	110148	39.15	ng	100
62) Azobenzene	15.58	77	346220	42.41	ng	100
64) 4,6-Dinitro-2-methylphenol	15.40	198	62901	38.54	ng	97
65) n-Nitrosodiphenylamine	15.51	169	328234	39.69	ng	99
66) 4-Bromophenyl-phenylether	16.18	248	79479	39.43	ng	94
67) Hexachlorobenzene	16.30	284	82565	39.83	ng	97
68) Atrazine	16.47	200	105380	47.47	ng	99
69) Pentachlorophenol	16.65	266	84813	84.27	ng	94
70) Phenanthrene	17.04	178	564538	40.74	ng	100
71) Anthracene	17.12	178	570917	41.42	ng	99
72) Carbazole	17.40	167	596540	43.21	ng	99
73) Di-n-butylphthalate	17.96	149	700288	42.55	ng	100
74) Fluoranthene	19.06	202	618396	42.12	ng	99
76) Benzidine	19.25	184	329022	39.64	ng	98
77) Pyrene	19.42	202	652249	38.10	ng	99
79) Butylbenzylphthalate	20.32	149	346476	41.14	ng	98
80) Benzo(a)anthracene	21.17	228	589717	39.91	ng	98
81) 3,3'-Dichlorobenzidine	21.10	252	121795	25.29	ng	99
82) Chrysene	21.21	228	558319	39.41	ng	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	484823	42.32	ng	100
84) Di-n-octyl phthalate	21.96	149	827433	43.36	ng	100
85) Indeno(1,2,3-cd)pyrene	25.63	276	617838	40.02	ng	100
87) Benzo(b)fluoranthene	22.72	252	560268	39.48	ng	100
88) Benzo(k)fluoranthene	22.76	252	555682	40.13	ng	98
89) Benzo(a)pyrene	23.29	252	544309	40.70	ng	99
90) Dibenzo(a,h)anthracene	25.63	278	510181	39.23	ng	99
91) Benzo(g,h,i)perylene	26.31	276	527706	39.88	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.59 min Scan# 834

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

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BNA_G

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PB82973BS

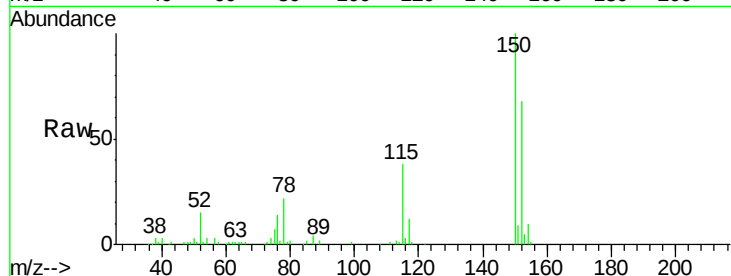
Tgt Ion:152 Resp: 46709

Ion Ratio Lower Upper

152 100

150 148.0 129.6 194.4

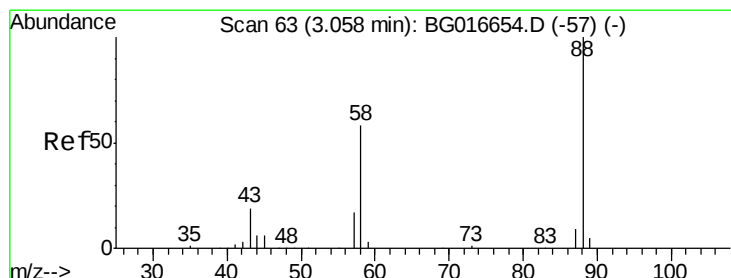
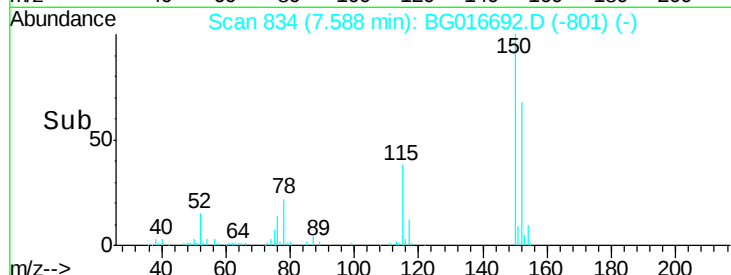
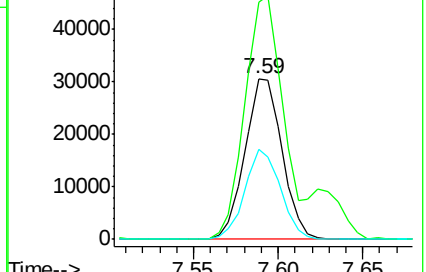
115 55.9 43.0 64.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.99 ng

RT: 3.05 min Scan# 61

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

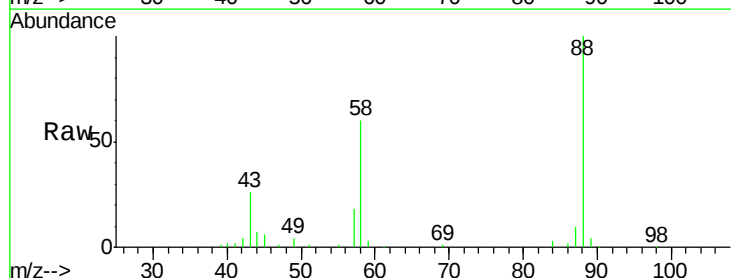
Tgt Ion: 88 Resp: 41140

Ion Ratio Lower Upper

88 100

58 60.8 46.8 70.2

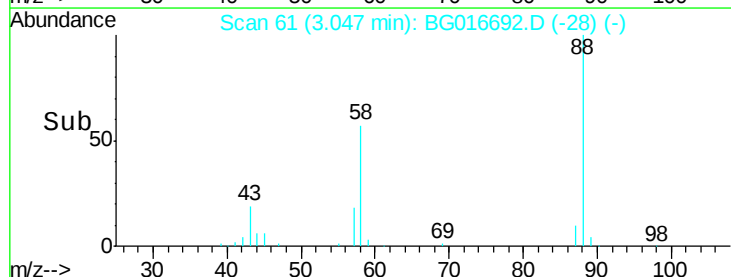
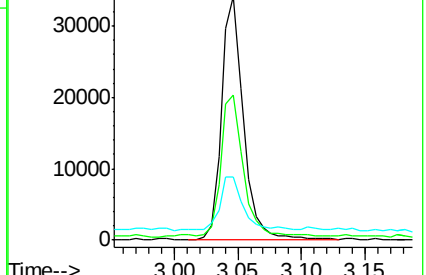
43 22.9 15.8 23.8



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: 31.83 ng

RT: 3.44 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

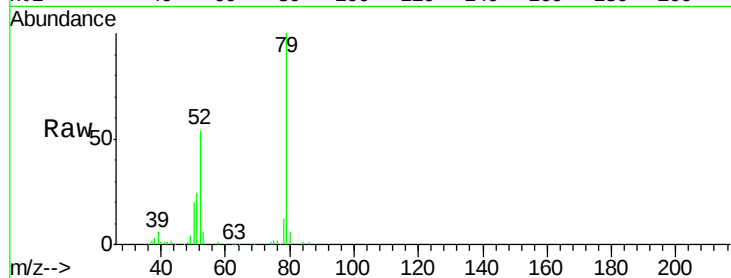
Tgt Ion: 79 Resp: 112681

Ion Ratio Lower Upper

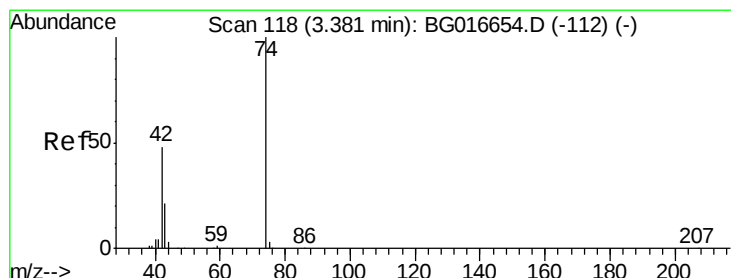
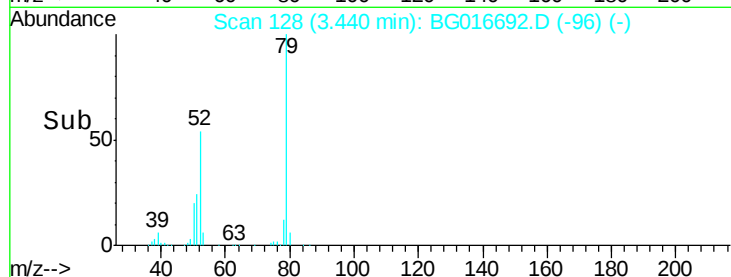
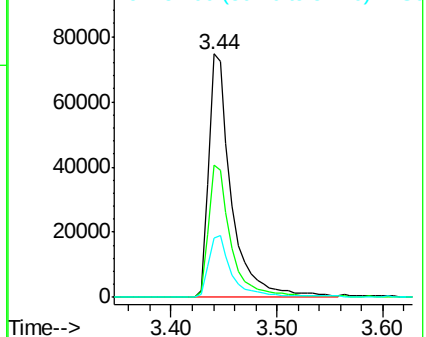
79 100

52 54.3 42.7 64.1

51 24.4 20.5 30.7



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: 36.40 ng

RT: 3.36 min Scan# 115

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

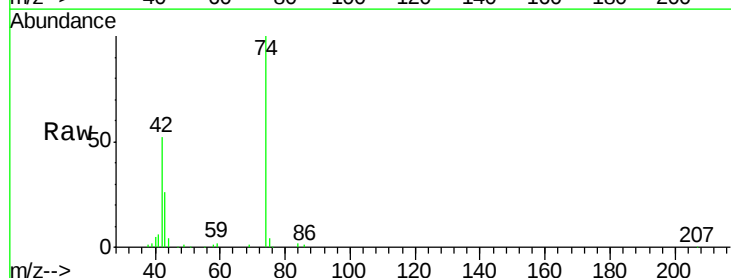
Tgt Ion: 42 Resp: 38020

Ion Ratio Lower Upper

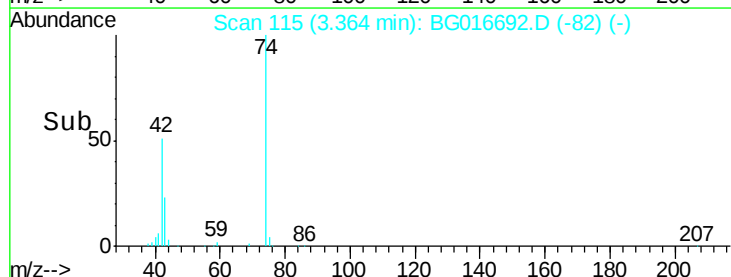
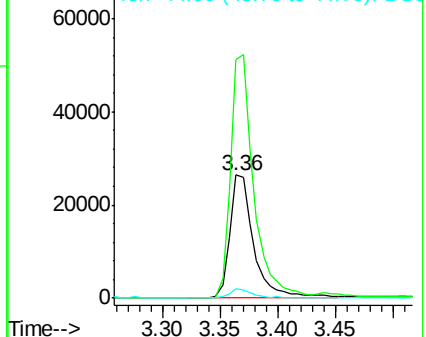
42 100

74 193.6 165.6 248.4

44 7.2 5.0 7.6



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: 127.67 ng

RT: 5.19 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

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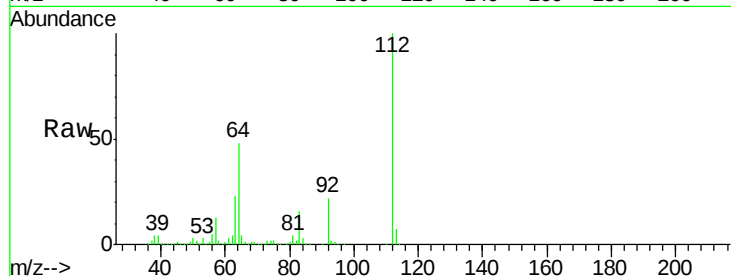
Tgt Ion: 112 Resp: 367484

Ion Ratio Lower Upper

112 100

64 48.4 38.3 57.5

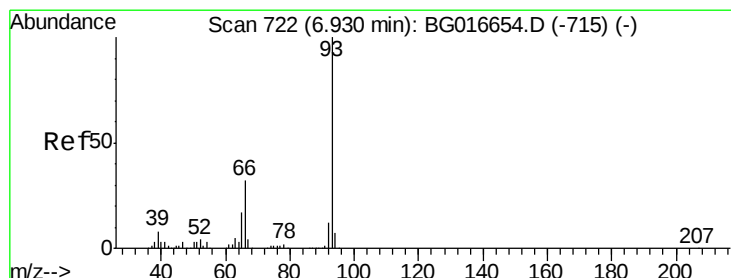
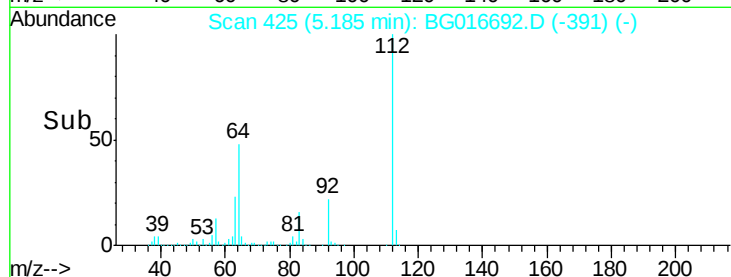
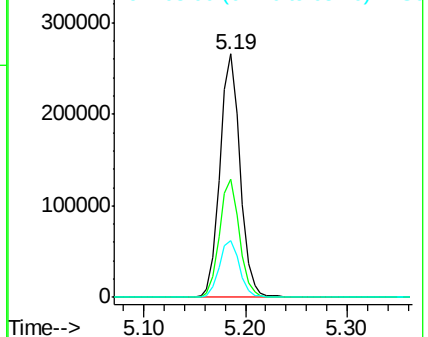
63 23.3 18.9 28.3



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.21 ng

RT: 6.92 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

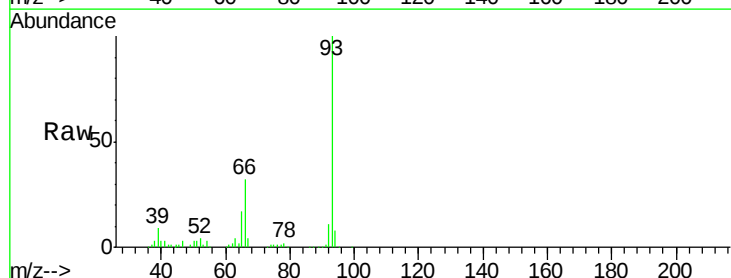
Tgt Ion: 93 Resp: 128504

Ion Ratio Lower Upper

93 100

66 31.8 25.4 38.2

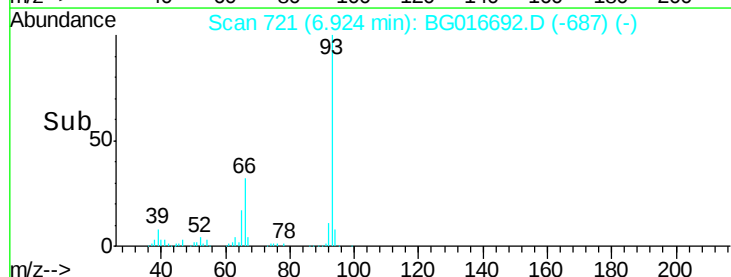
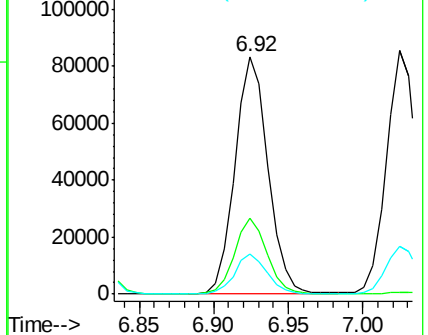
65 16.8 13.8 20.6

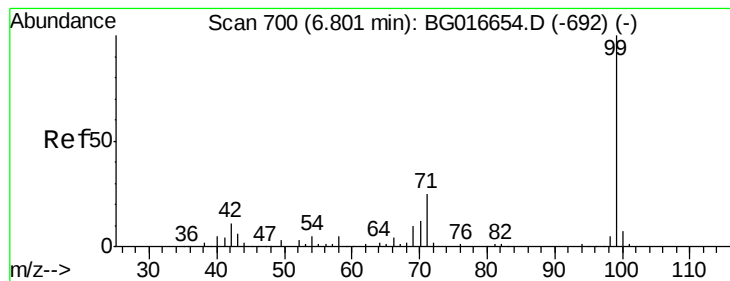


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 123.01 ng

RT: 6.79 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

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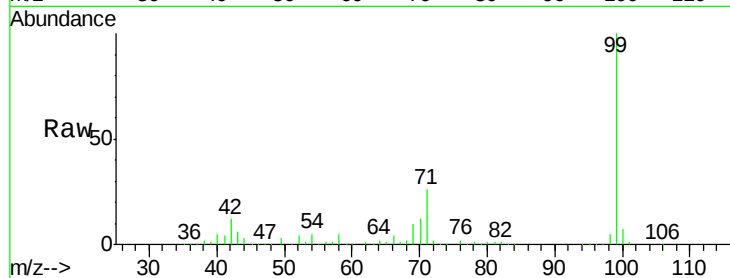
Tgt Ion: 99 Resp: 496733

Ion Ratio Lower Upper

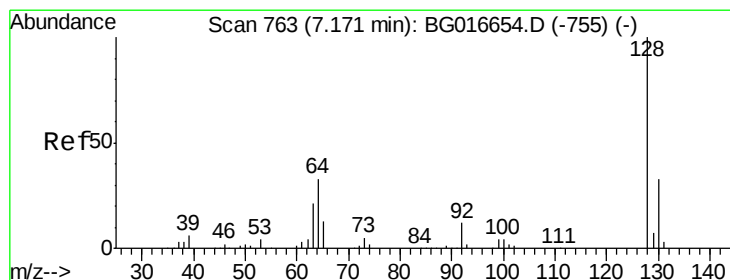
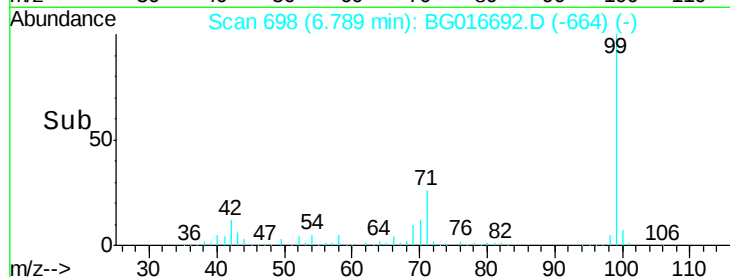
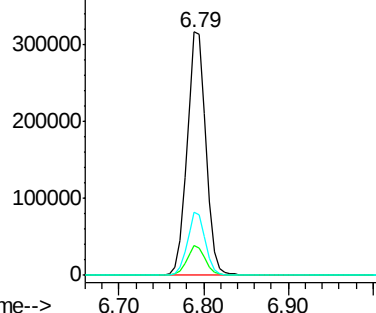
99 100

42 12.2 8.8 13.2

71 25.9 19.9 29.9



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 40.21 ng

RT: 7.17 min Scan# 762

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

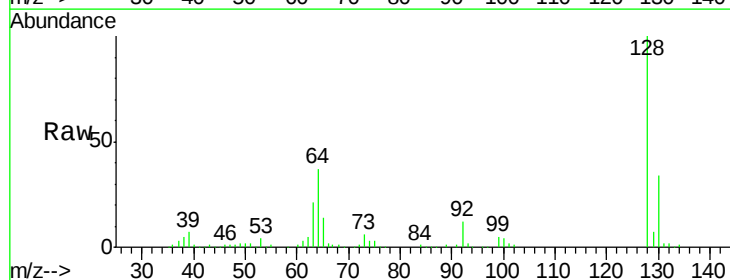
Tgt Ion: 128 Resp: 143070

Ion Ratio Lower Upper

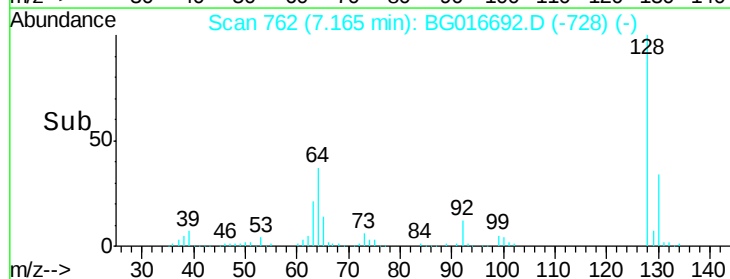
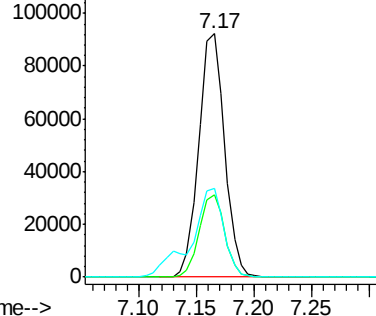
128 100

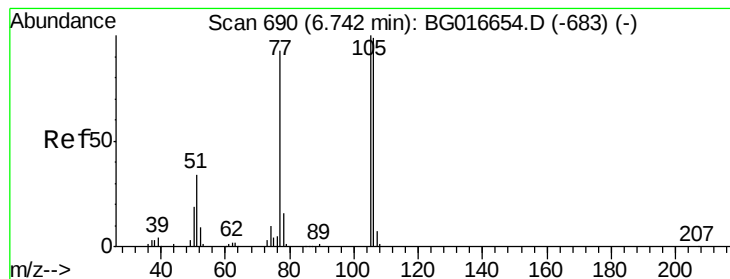
130 34.1 13.5 53.5

64 36.6 15.8 55.8



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 6.88 ng

RT: 6.74 min Scan# 689

Delta R.T. 0.00 min

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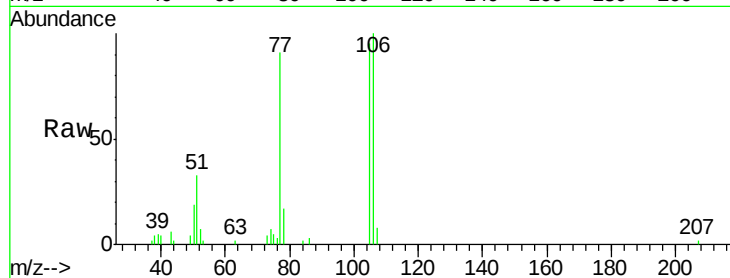
Tgt Ion: 77 Resp: 11344

Ion Ratio Lower Upper

77 100

105 104.3 88.0 128.0

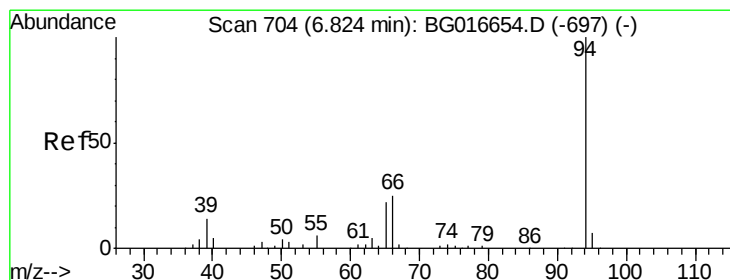
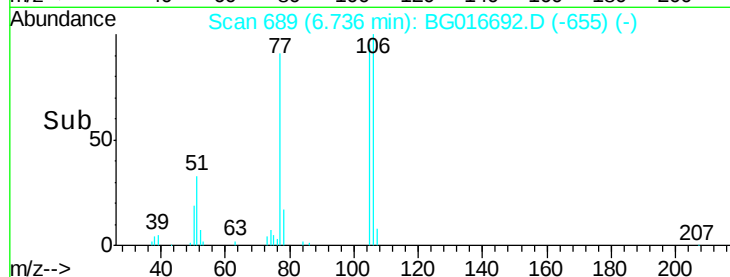
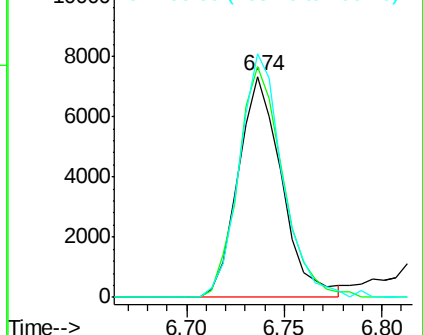
106 110.1 86.6 126.6



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.04 ng

RT: 6.82 min Scan# 703

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

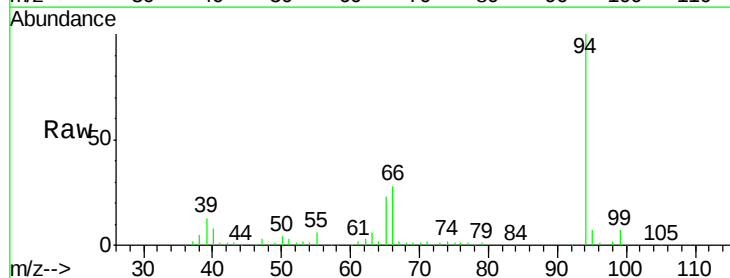
Tgt Ion: 94 Resp: 174696

Ion Ratio Lower Upper

94 100

65 22.6 2.6 42.6

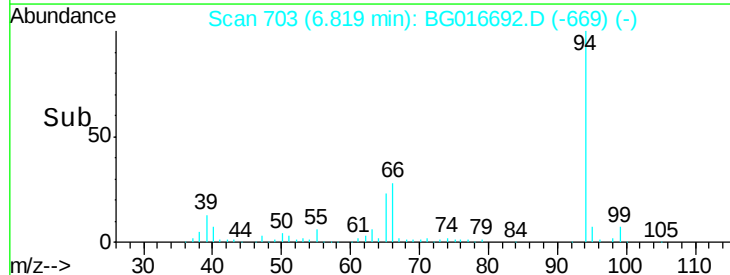
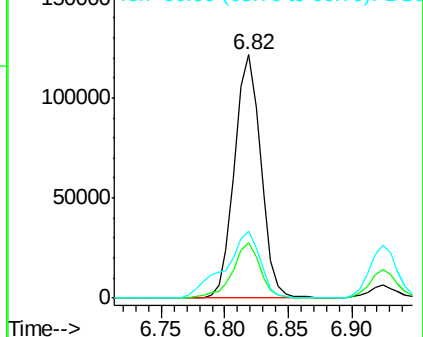
66 27.6 7.0 47.0

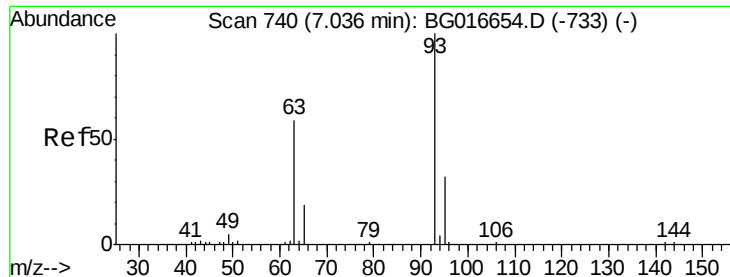


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

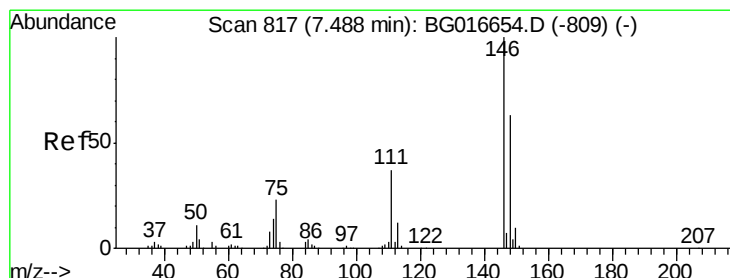
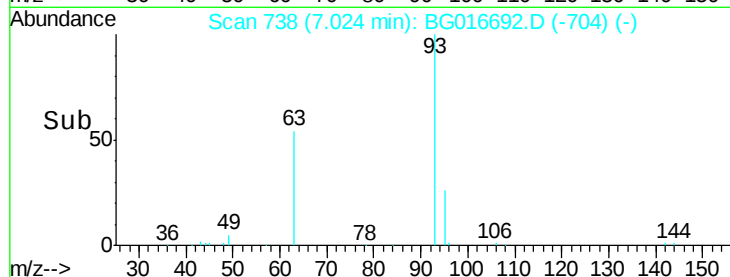
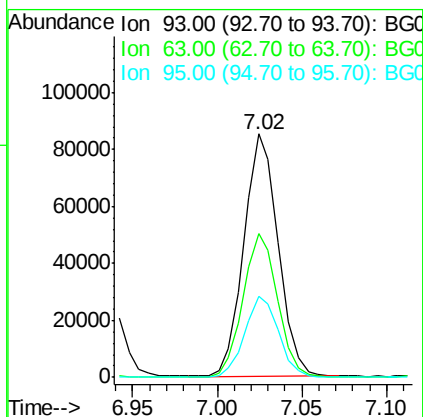
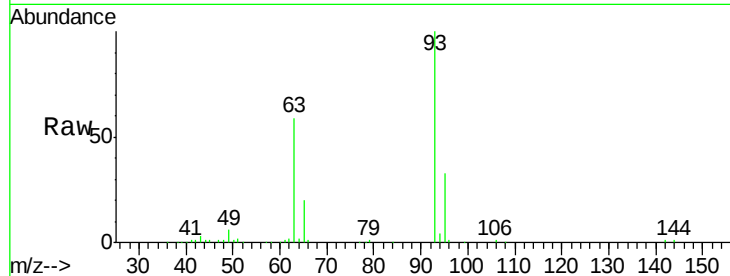




#11
bis(2-Chloroethyl)ether
Concen: 36.08 ng
RT: 7.02 min Scan# 738
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

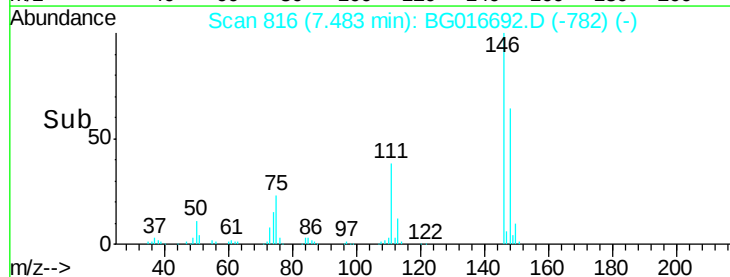
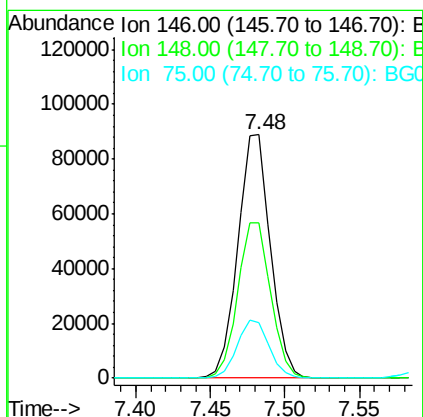
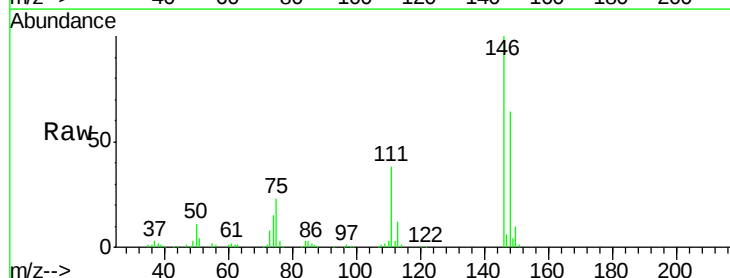
Instrument :
BNA_G
ClientSampleId :
PB82973BS

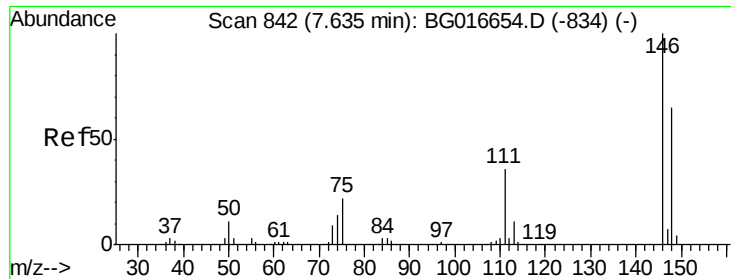
Tgt Ion: 93 Resp: 119874
Ion Ratio Lower Upper
93 100
63 59.2 39.2 79.2
95 33.1 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 36.55 ng
RT: 7.48 min Scan# 816
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion: 146 Resp: 134484
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.4
75 22.9 18.4 27.6

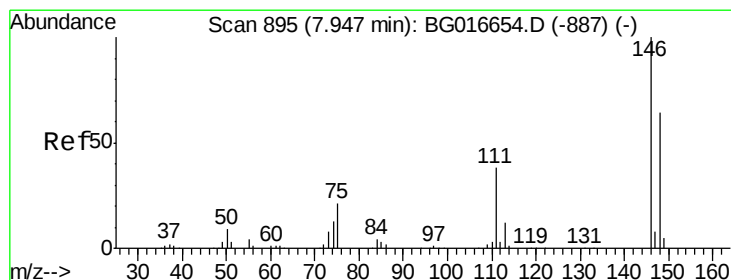
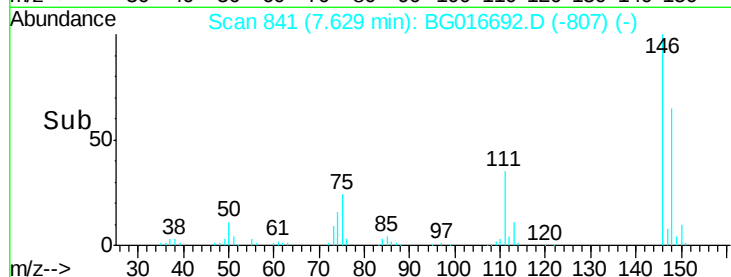
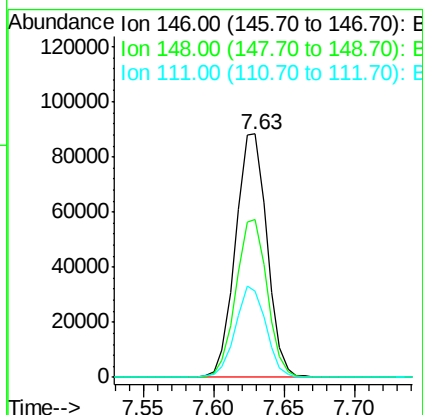
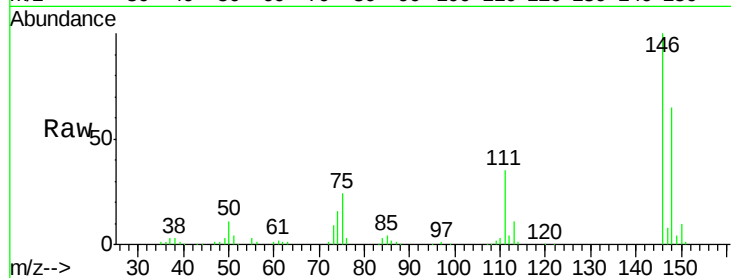




#13
 1,4-Dichlorobenzene
 Concen: 36.53 ng
 RT: 7.63 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

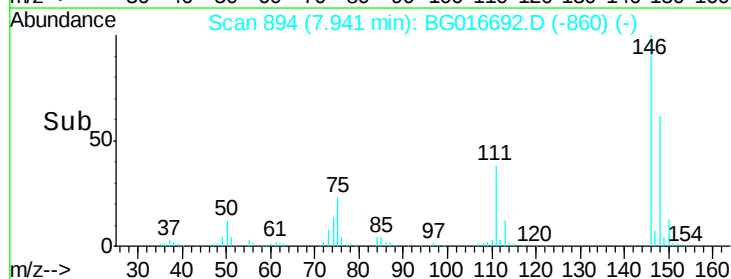
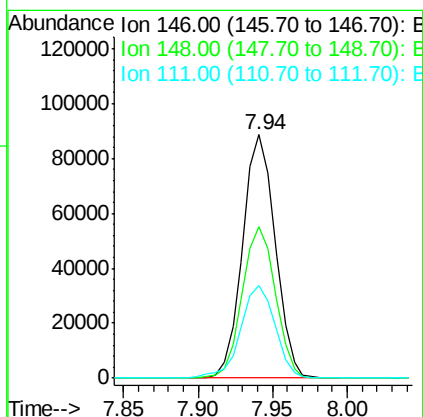
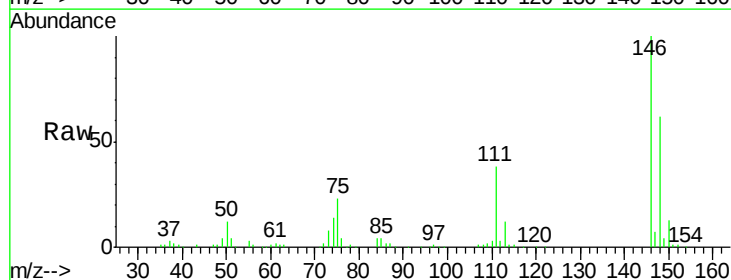
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

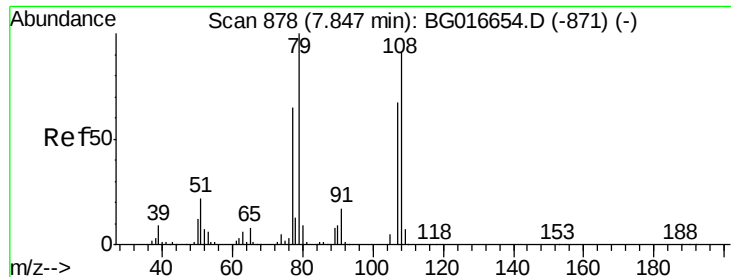
Tgt Ion:146 Resp: 137399
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.6 77.4
 111 35.2 29.0 43.4



#14
 1,2-Dichlorobenzene
 Concen: 37.28 ng
 RT: 7.94 min Scan# 894
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:146 Resp: 133868
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.3 76.9
 111 37.9 31.0 46.4





#15

Benzyl Alcohol

Concen: 38.56 ng

RT: 7.84 min Scan# 877

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

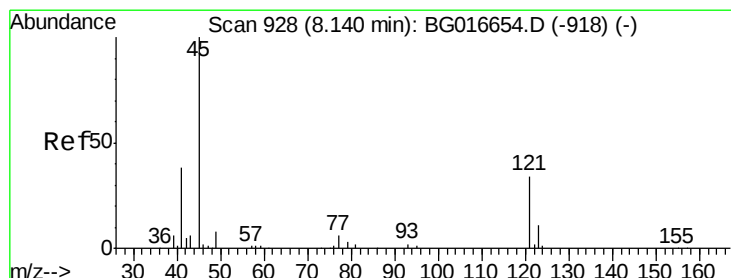
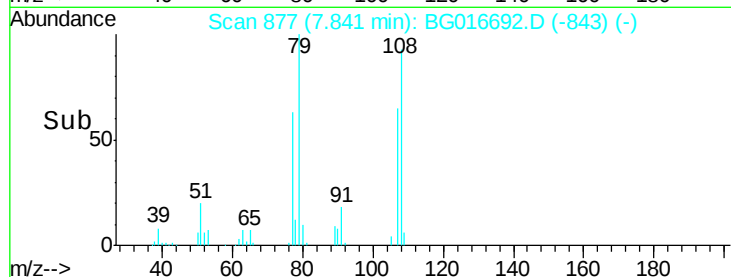
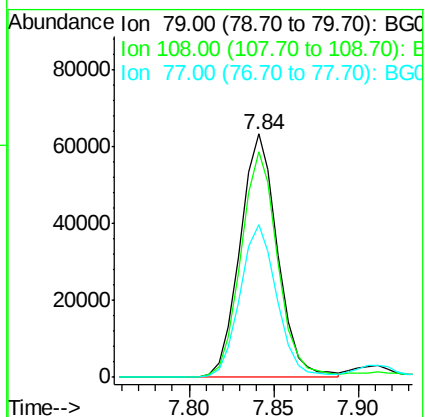
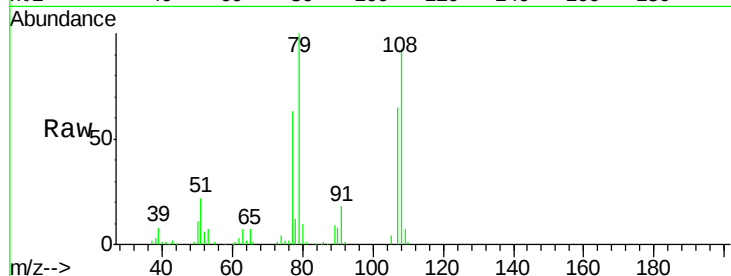
Tgt Ion: 79 Resp: 97720

Ion Ratio Lower Upper

79 100

108 92.7 73.0 109.4

77 62.5 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.63 ng

RT: 8.13 min Scan# 927

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

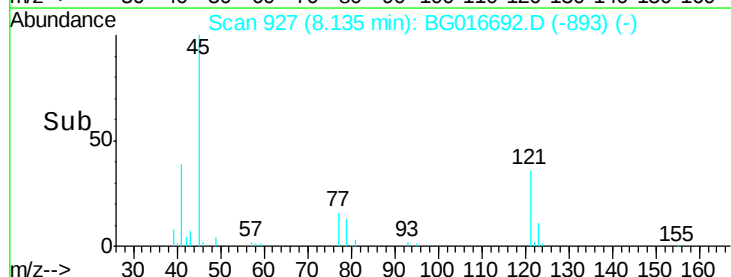
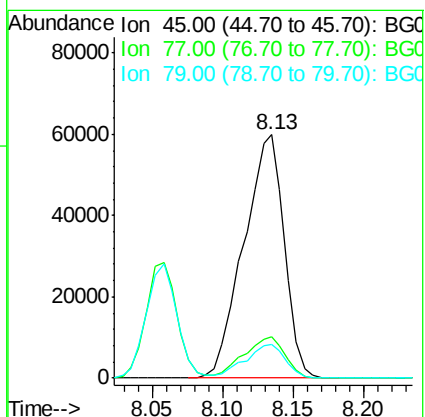
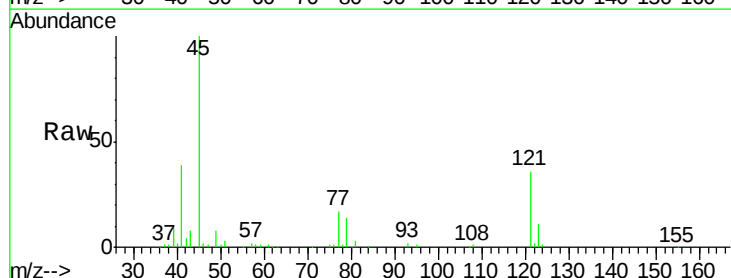
Tgt Ion: 45 Resp: 120143

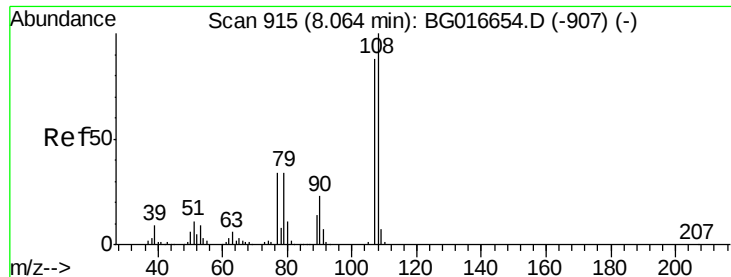
Ion Ratio Lower Upper

45 100

77 17.2 0.0 37.3

79 14.1 0.0 34.7





#17

2-Methylphenol

Concen: 41.21 ng

RT: 8.06 min Scan# 914

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

Tgt Ion:107 Resp: 117287

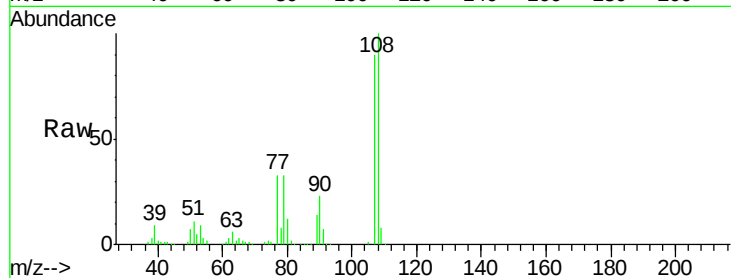
Ion Ratio Lower Upper

107 100

108 111.3 90.6 135.8

77 37.2 31.4 47.0

79 36.6 30.9 46.3

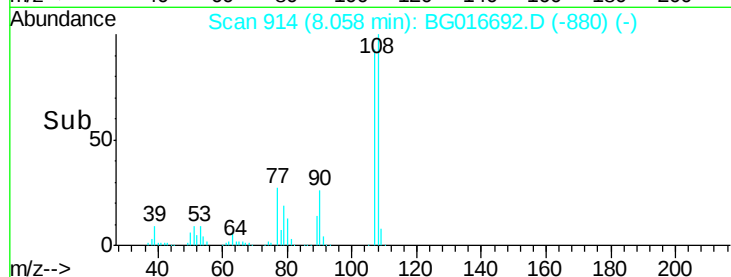


Abundance Ion 107.00 (106.70 to 107.70): E

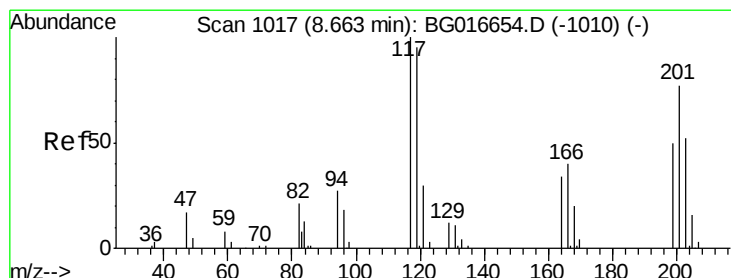
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 37.41 ng

RT: 8.66 min Scan# 1016

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

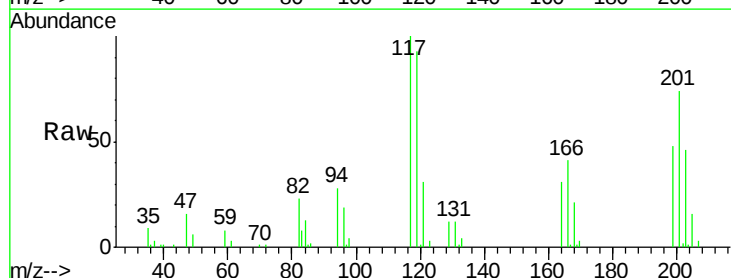
Tgt Ion:117 Resp: 49612

Ion Ratio Lower Upper

117 100

119 93.1 76.3 114.5

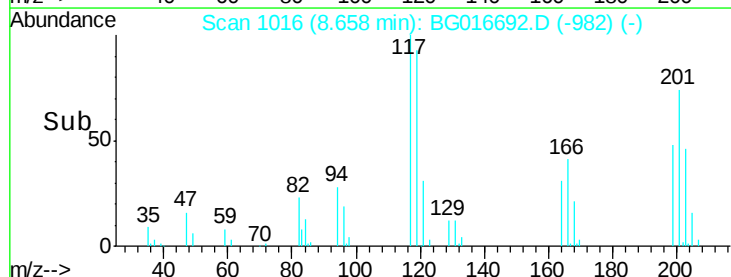
201 73.9 61.5 92.3



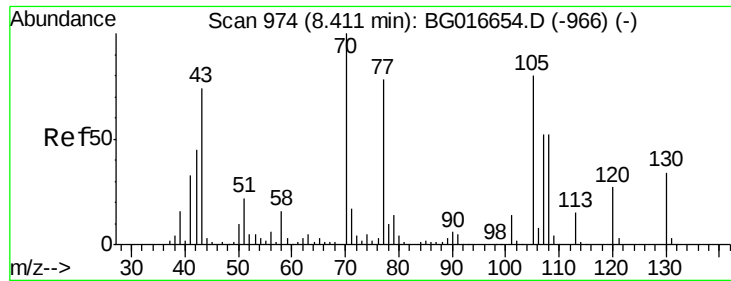
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



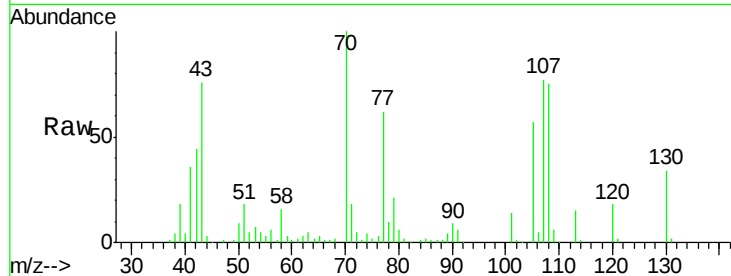
Time-->



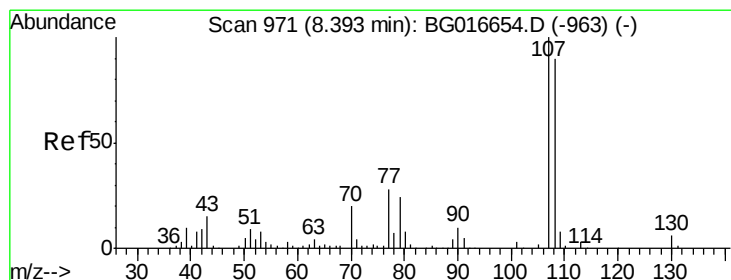
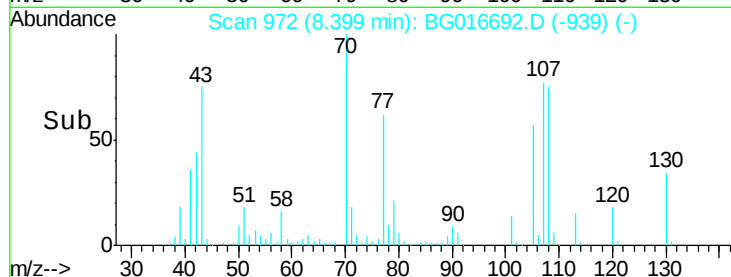
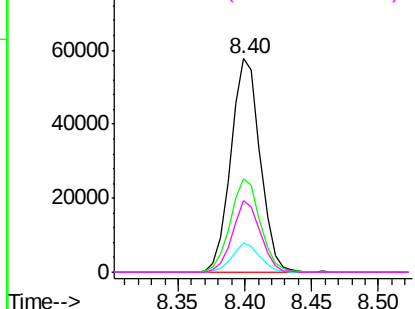
#19
n-Nitroso-di-n-propylamine
Concen: 35.09 ng
RT: 8.40 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion: 70 Resp: 88330
Ion Ratio Lower Upper
70 100
42 43.7 35.7 53.5
101 13.7 11.0 16.4
130 33.8 27.5 41.3

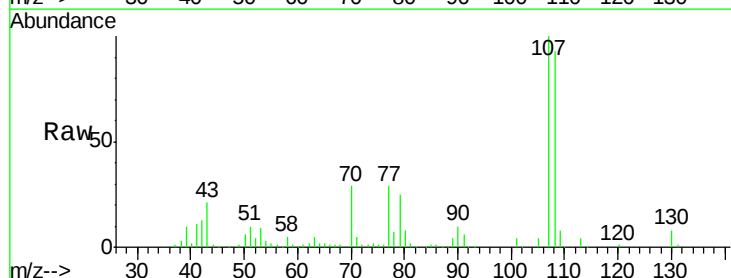


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

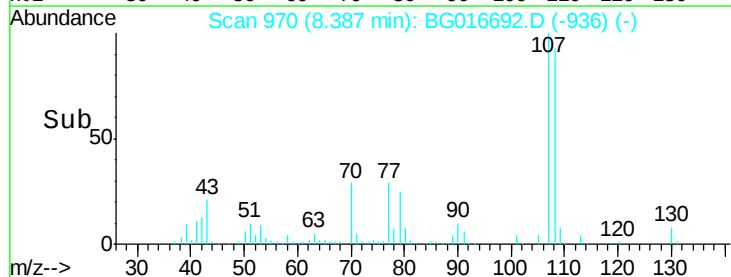
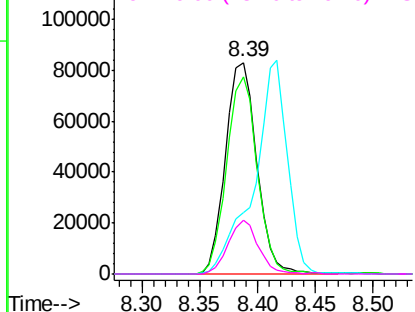


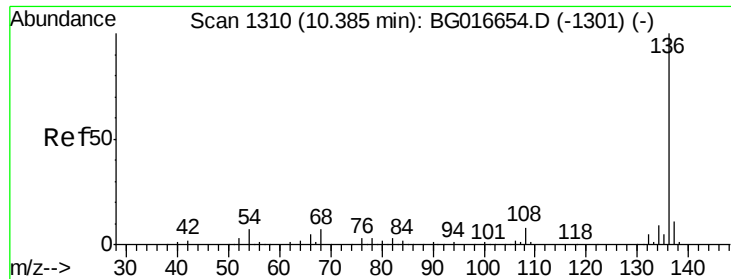
#20
3+4-Methylphenols
Concen: 39.12 ng
RT: 8.39 min Scan# 970
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion: 107 Resp: 156517
Ion Ratio Lower Upper
107 100
108 93.3 69.5 109.5
77 29.3 8.2 48.2
79 25.3 4.2 44.2



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

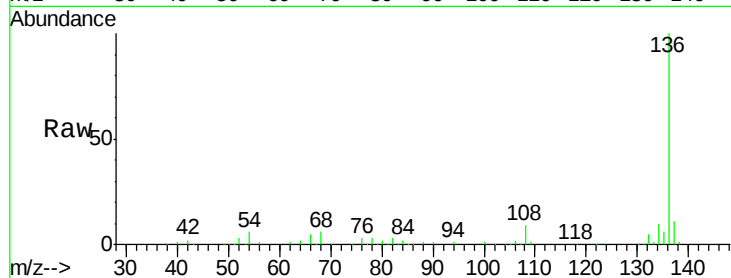




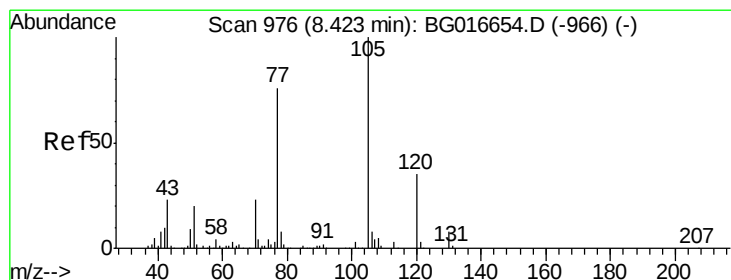
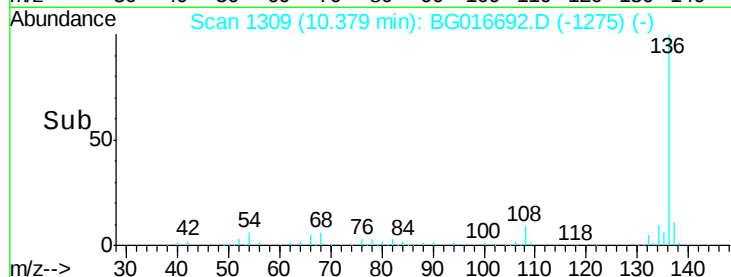
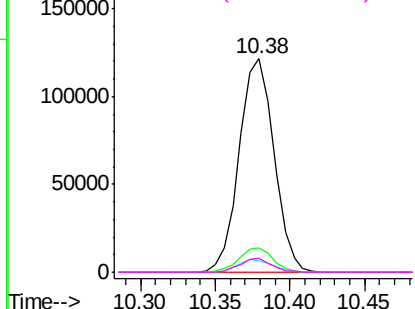
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.38 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:	136	Resp:	197089
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.5	12.7
54	5.7	5.4	8.2
68	6.4	5.2	7.8

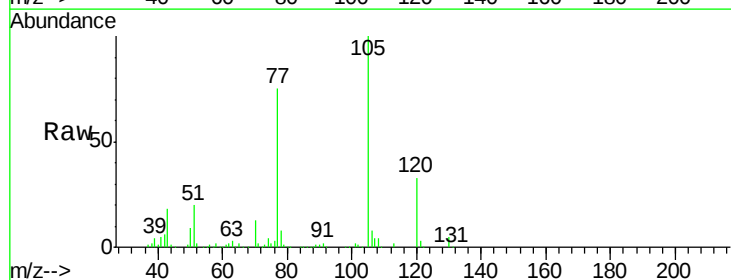


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

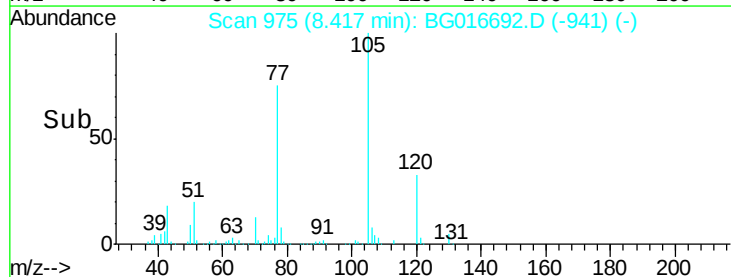
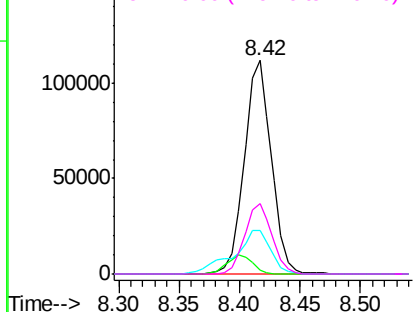


#22
Acetophenone
Concen: 40.32 ng
RT: 8.42 min Scan# 975
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:	105	Resp:	174433
Ion	Ratio	Lower	Upper
105	100		
71	2.0	3.0	4.4#
51	20.2	16.5	24.7
120	32.9	27.8	41.6



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

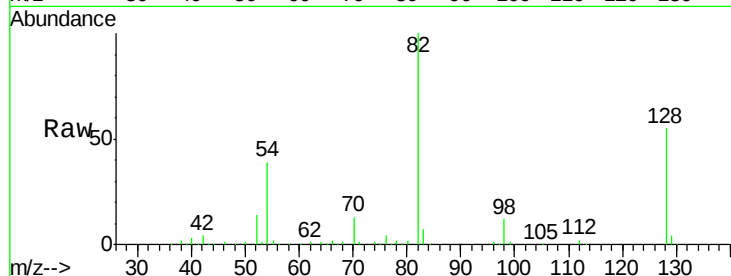




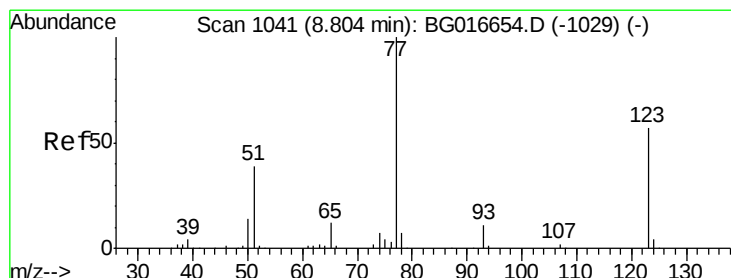
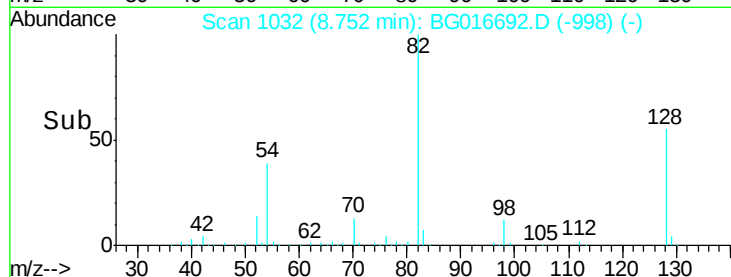
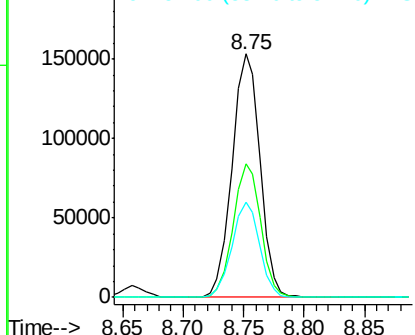
#23
 Nitrobenzene-d5
 Concen: 79.25 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion: 82 Resp: 247191
 Ion Ratio Lower Upper
 82 100
 128 54.8 44.7 67.1
 54 38.9 30.9 46.3

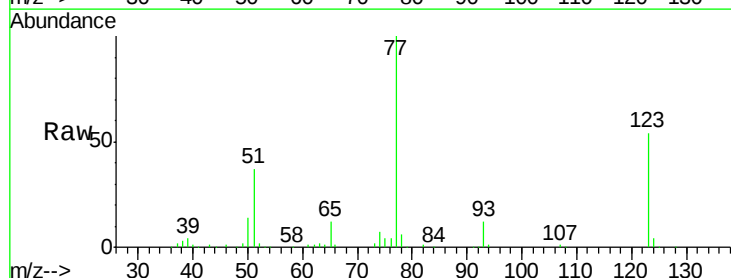


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

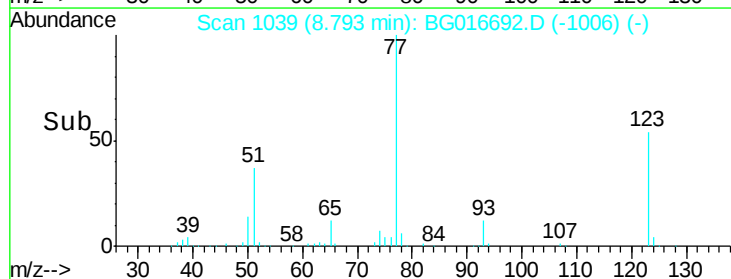
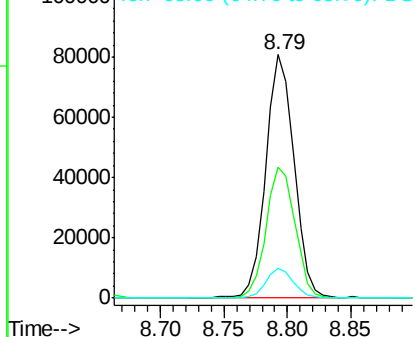


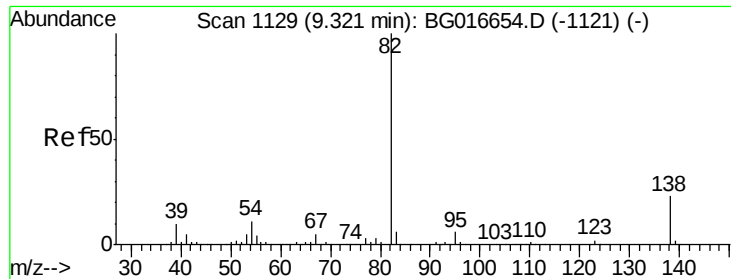
#24
 Nitrobenzene
 Concen: 38.36 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion: 77 Resp: 125639
 Ion Ratio Lower Upper
 77 100
 123 53.8 45.6 68.4
 65 12.4 9.4 14.2



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

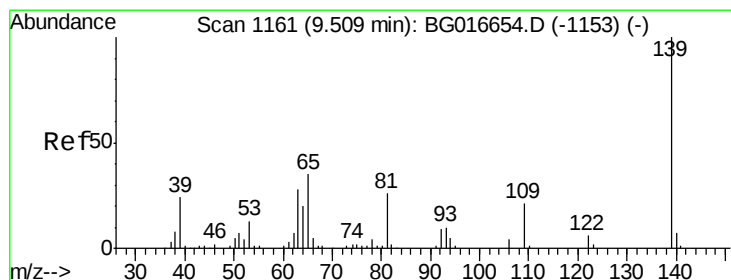
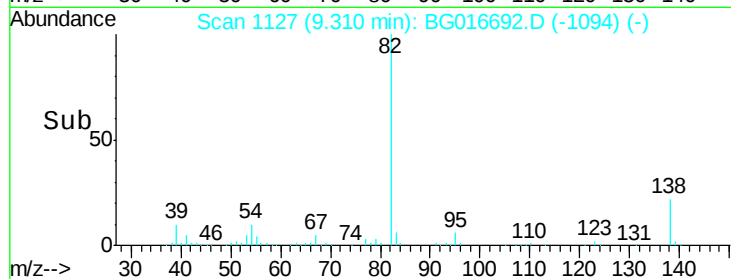
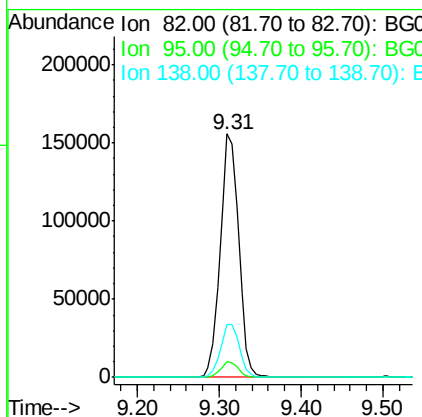
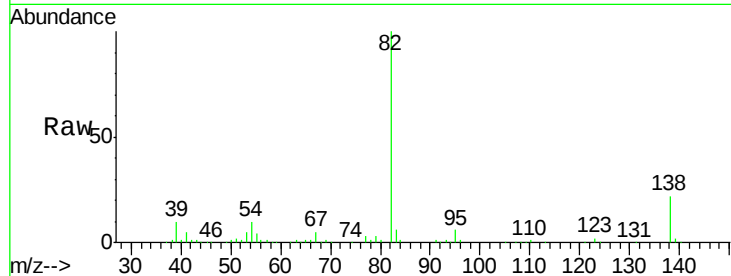




#25
Isophorone
Concen: 38.01 ng
RT: 9.31 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

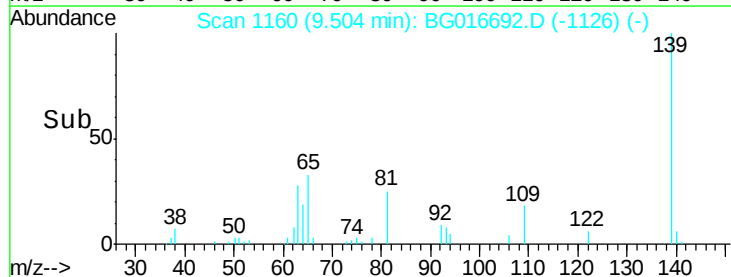
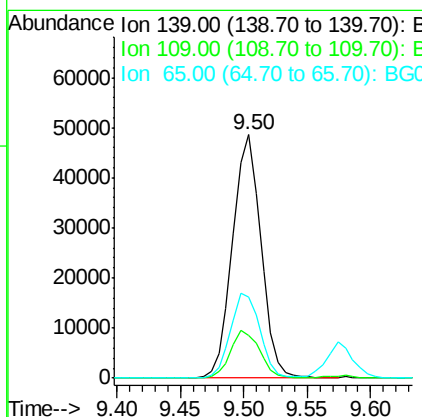
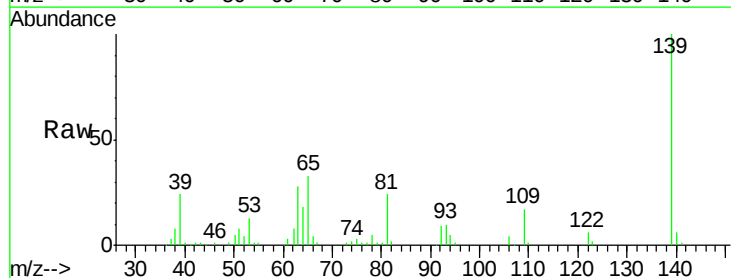
Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion: 82 Resp: 245687
Ion Ratio Lower Upper
82 100
95 6.4 5.0 7.6
138 21.9 18.2 27.2



#26
2-Nitrophenol
Concen: 39.68 ng
RT: 9.50 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion: 139 Resp: 75416
Ion Ratio Lower Upper
139 100
109 17.3 17.0 25.6
65 33.4 28.2 42.4

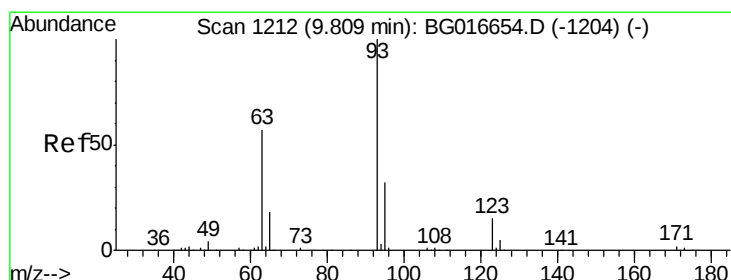
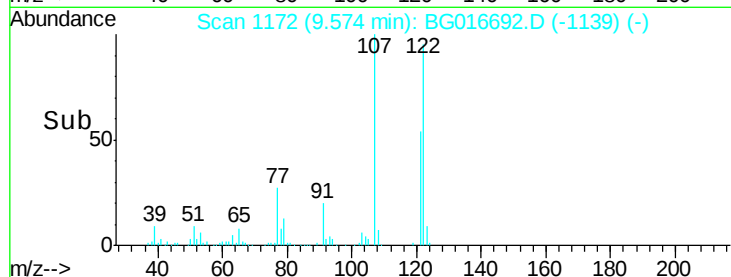
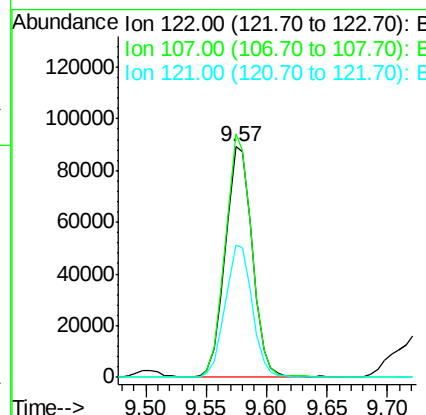
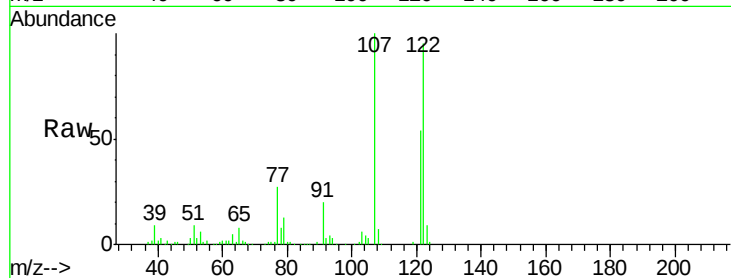




#27
 2,4-Dimethylphenol
 Concen: 43.78 ng
 RT: 9.57 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

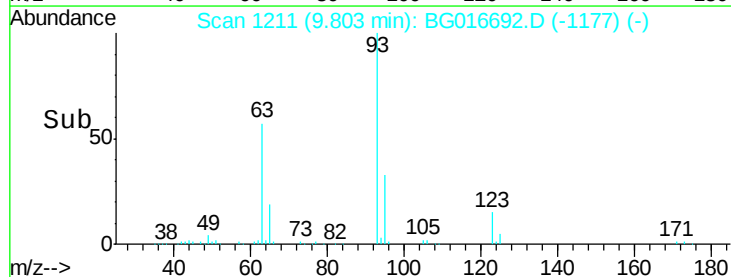
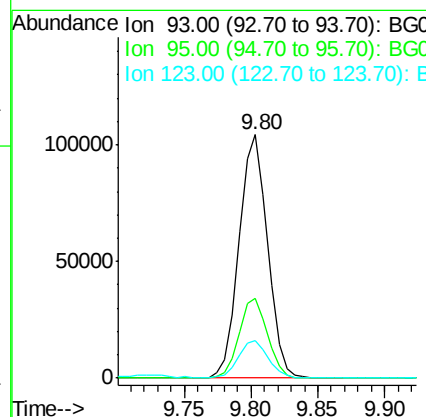
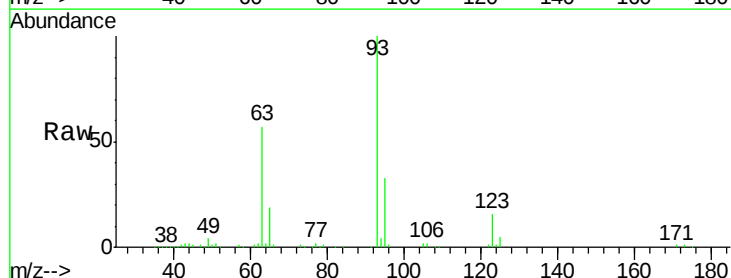
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

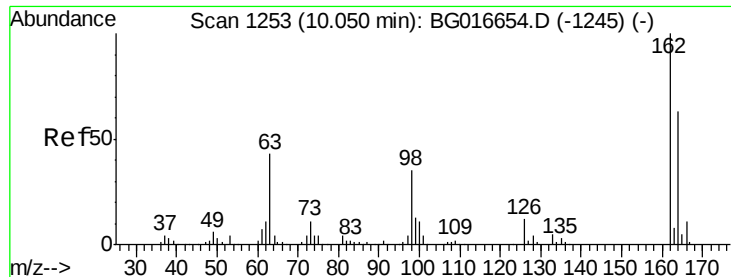
Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.5	83.6	125.4
121	57.2	46.8	70.2



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.72 ng
 RT: 9.80 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.4	38.2
123	15.6	12.2	18.4

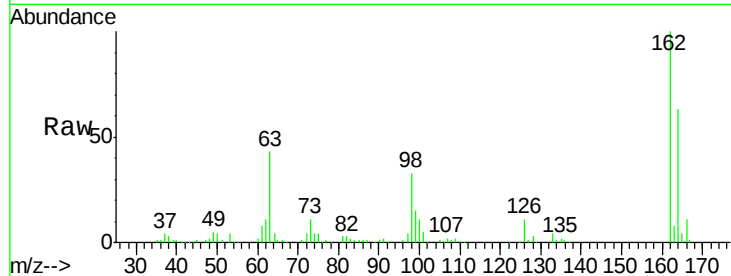




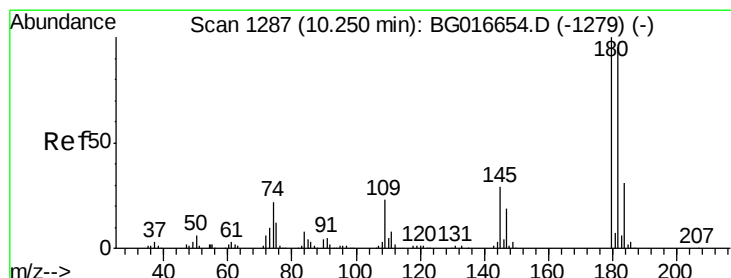
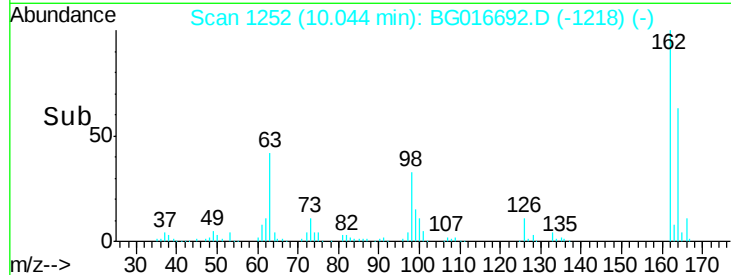
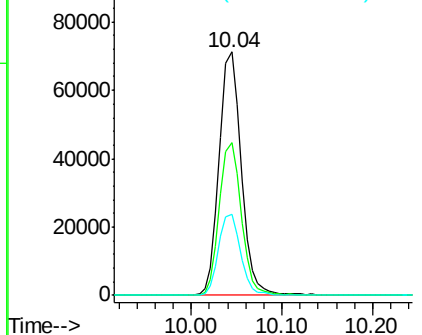
#29
 2,4-Dichlorophenol
 Concen: 44.93 ng
 RT: 10.04 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.8	42.9	82.9
98	33.1	15.4	55.4

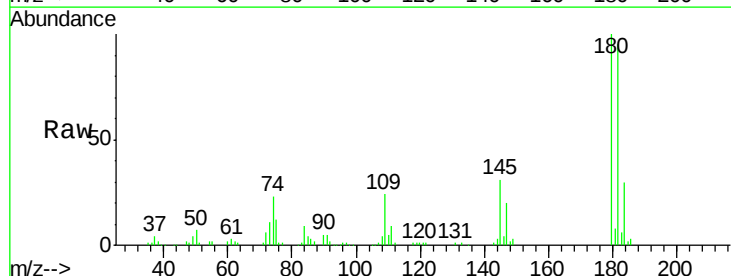


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

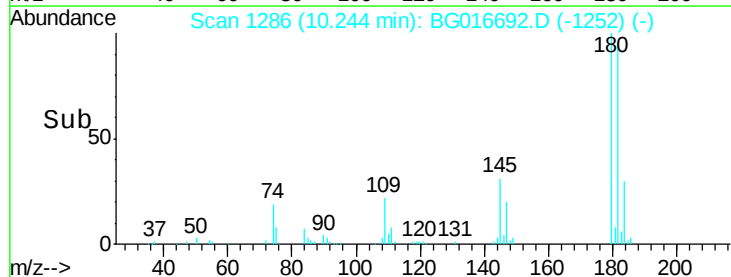
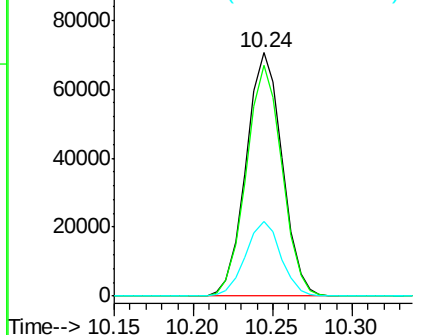


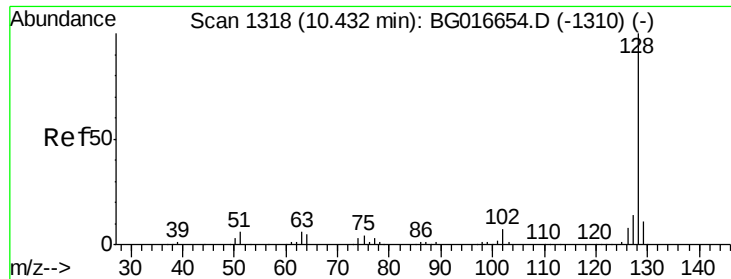
#30
 1,2,4-Trichlorobenzene
 Concen: 39.11 ng
 RT: 10.24 min Scan# 1286
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.2	114.4
145	30.8	23.2	34.8



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

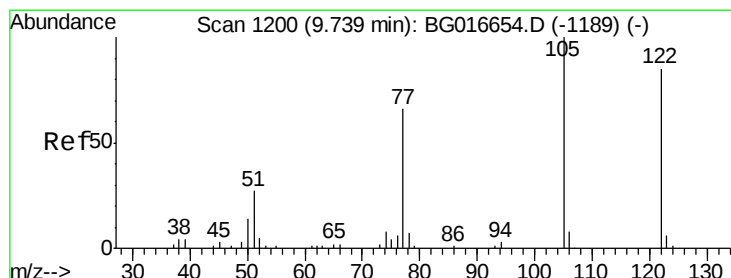
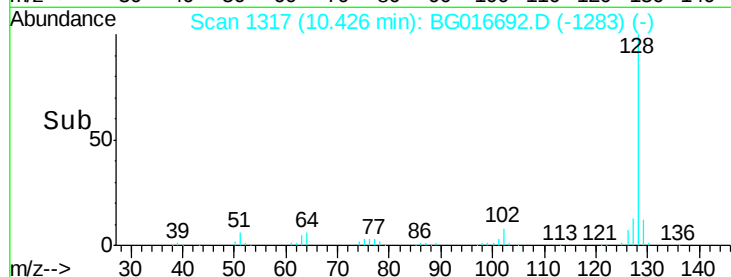
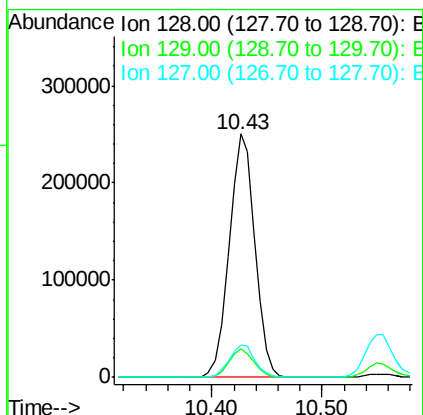
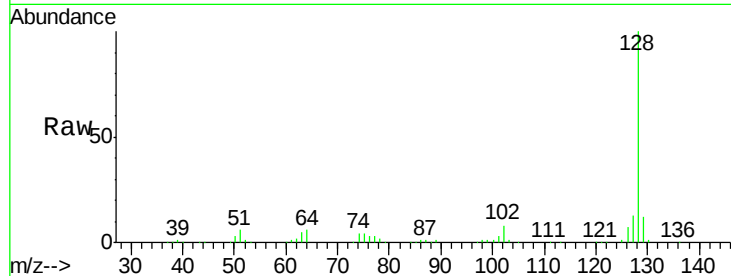




#31
Naphthalene
Concen: 38.99 ng
RT: 10.43 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

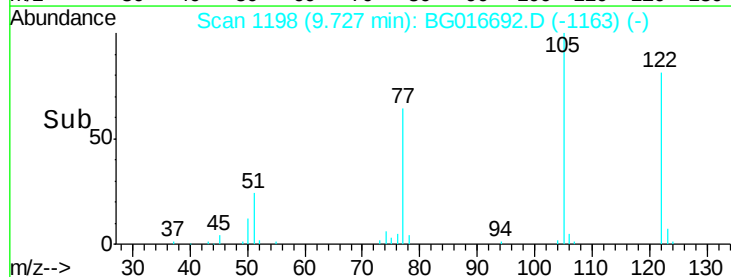
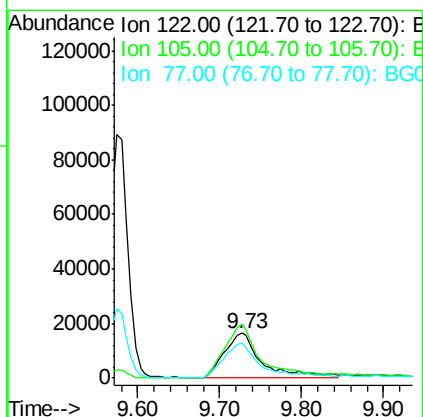
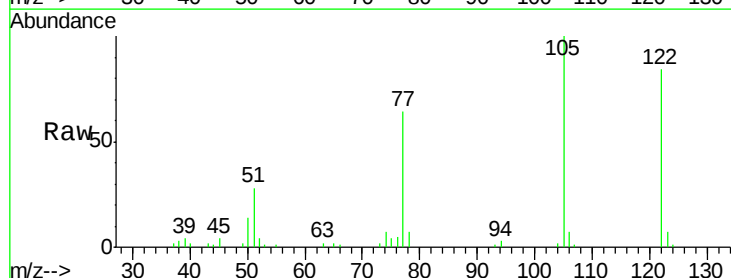
Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:128 Resp: 405155
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 33.38 ng
RT: 9.73 min Scan# 1198
Delta R.T. 0.01 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:122 Resp: 51734
Ion Ratio Lower Upper
122 100
105 119.0 97.2 137.2
77 76.3 58.4 98.4

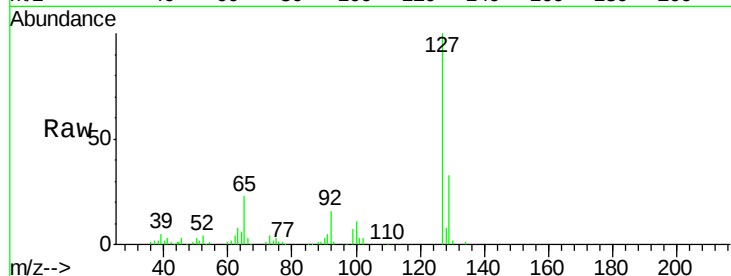




#33
4-Chloroaniline
Concen: 17.21 ng
RT: 10.55 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:	127	Resp:	82384
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.4	41.2
65	22.5	19.1	28.7
92	15.9	12.6	18.8

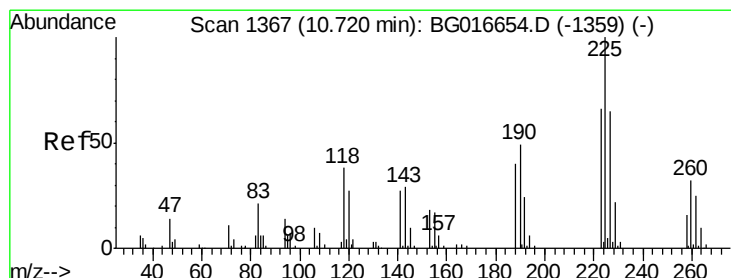
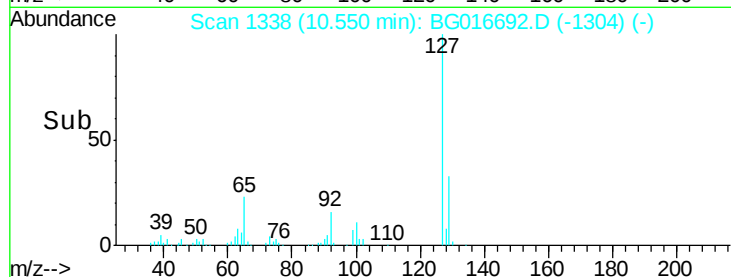
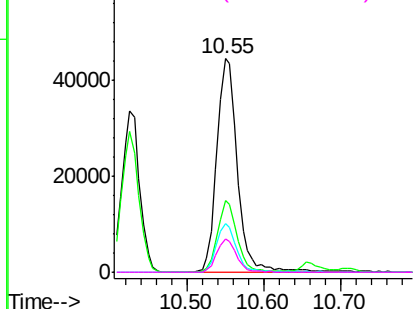


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

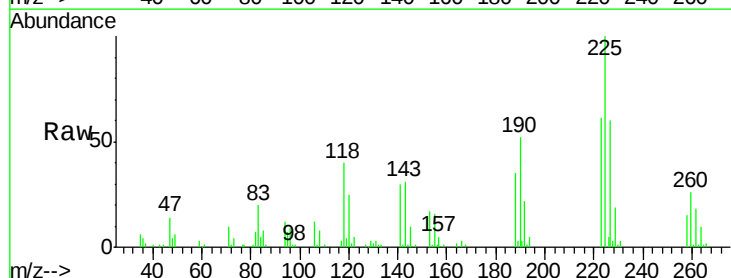
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 38.93 ng
RT: 10.71 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

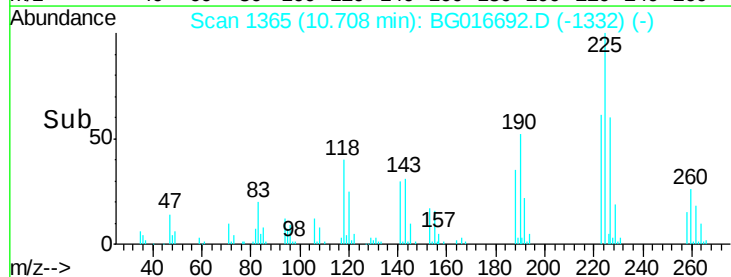
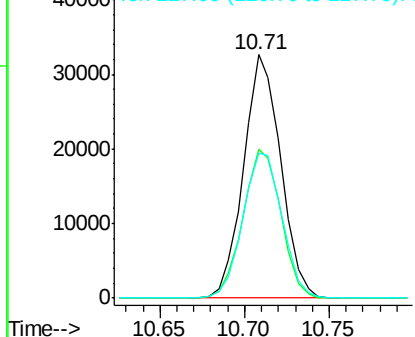
Tgt Ion:	225	Resp:	49717
Ion	Ratio	Lower	Upper
225	100		
223	61.1	52.6	79.0
227	59.6	52.0	78.0

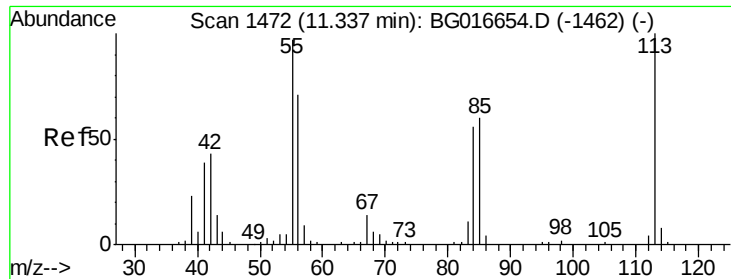


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 19.76 ng

RT: 11.31 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

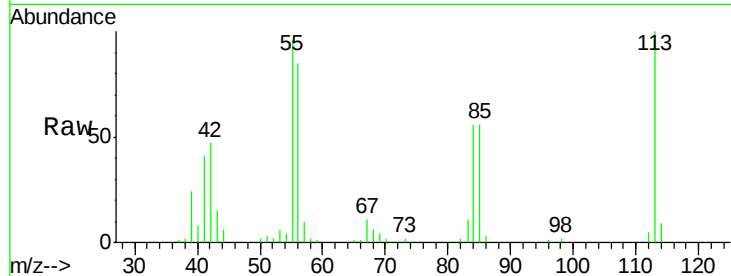
Tgt Ion:113 Resp: 28745

Ion Ratio Lower Upper

113 100

55 96.1 77.1 117.1

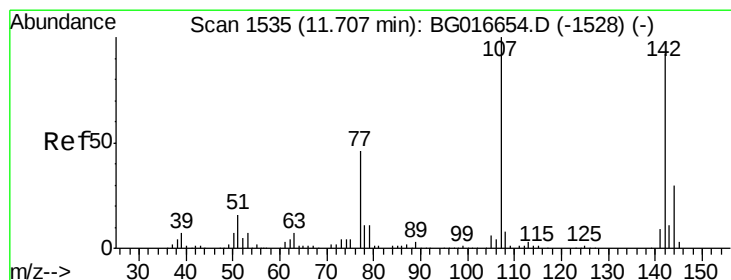
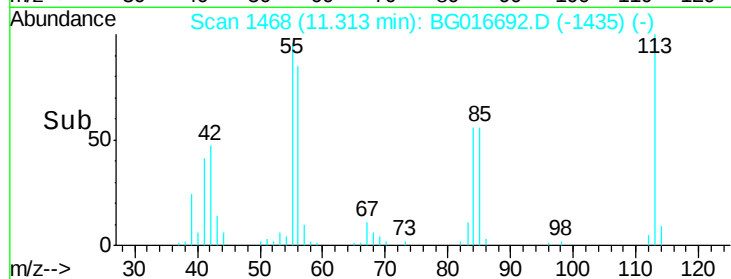
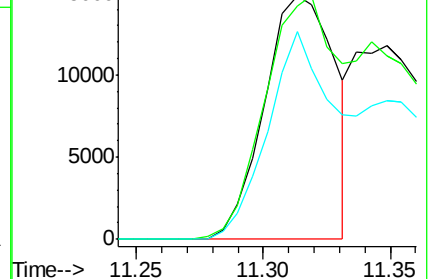
56 85.4 51.4 91.4



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: 43.43 ng

RT: 11.70 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

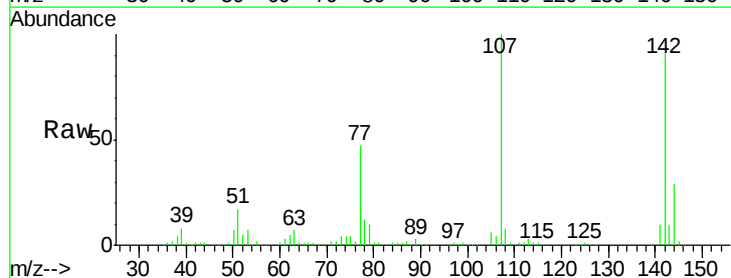
Tgt Ion:107 Resp: 136252

Ion Ratio Lower Upper

107 100

144 29.2 24.2 36.4

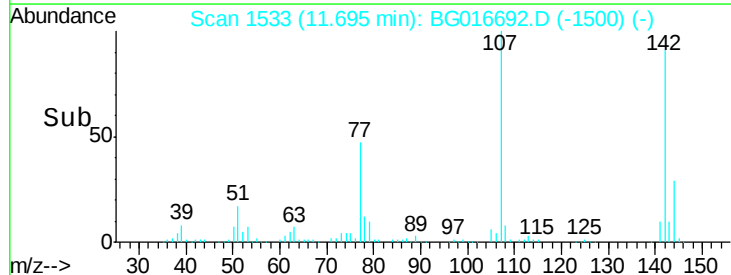
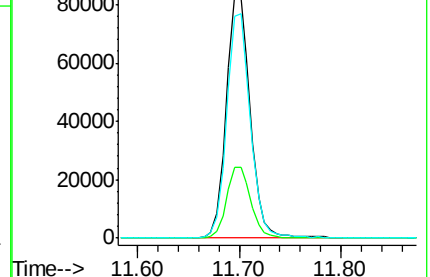
142 91.1 73.8 110.6

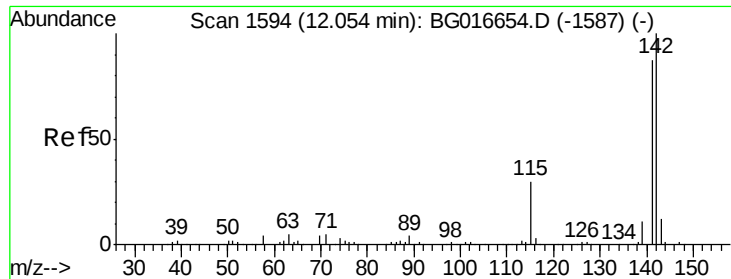


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

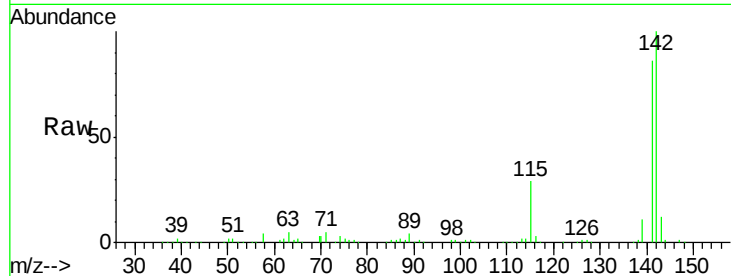




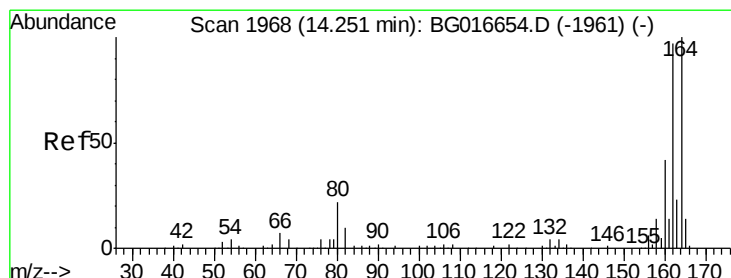
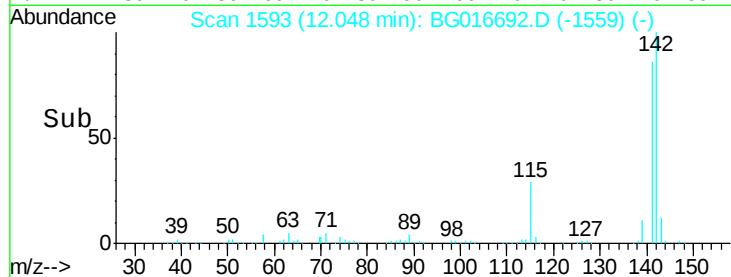
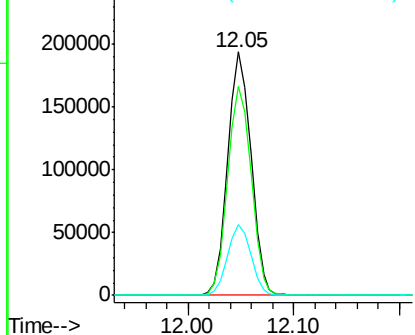
#37
2-Methylnaphthalene
Concen: 39.54 ng
RT: 12.05 min Scan# 1593
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:142 Resp: 296731
Ion Ratio Lower Upper
142 100
141 85.7 69.9 104.9
115 29.2 24.0 36.0

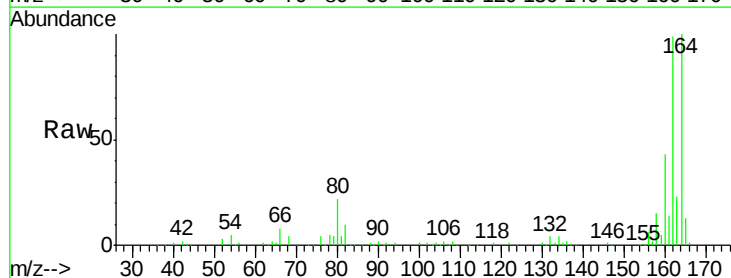


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

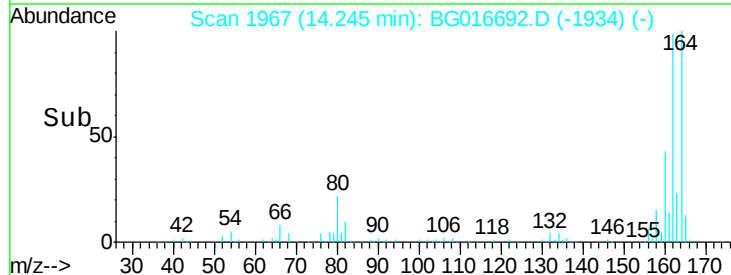
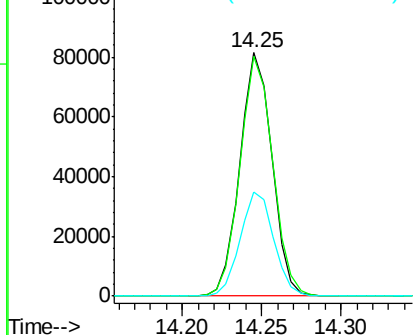


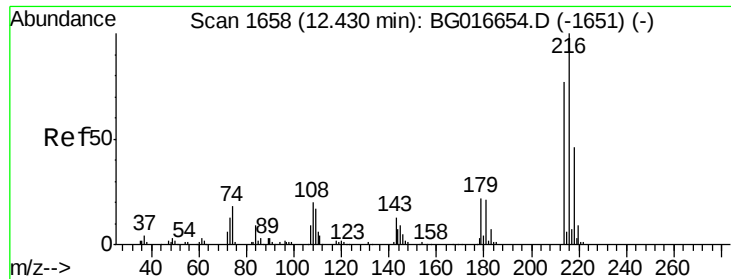
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.25 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:164 Resp: 114643
Ion Ratio Lower Upper
164 100
162 98.6 77.3 115.9
160 43.0 33.7 50.5



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

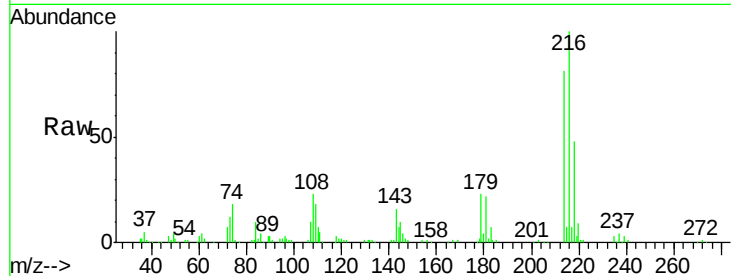




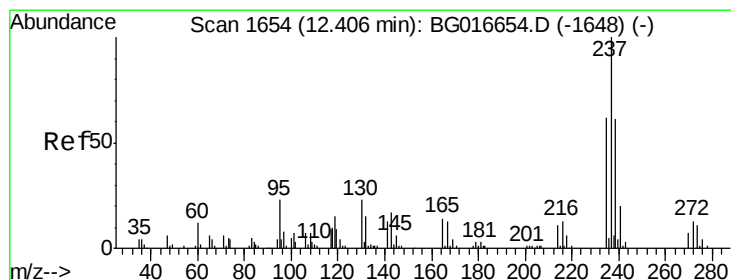
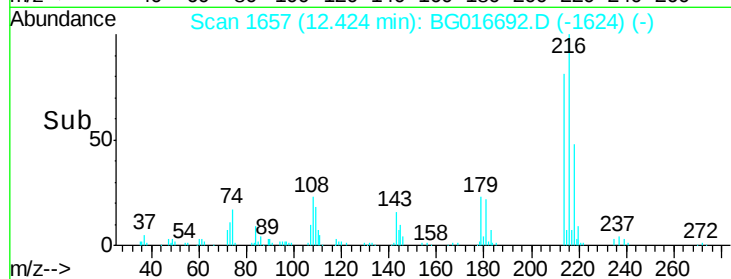
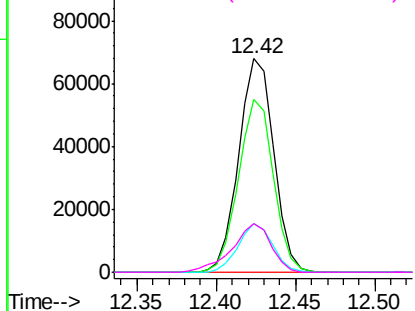
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.19 ng
 RT: 12.42 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion:	216	Resp:	104301
Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.8	95.8
179	22.3	17.6	26.4
108	25.1	18.1	27.1

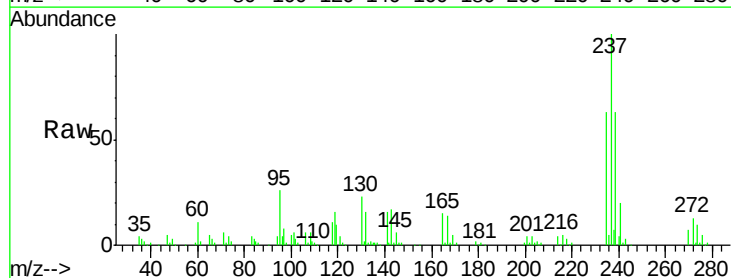


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

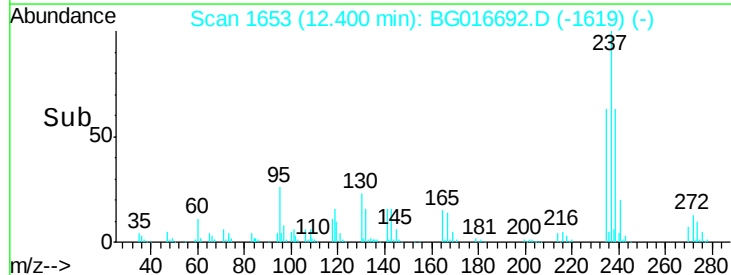
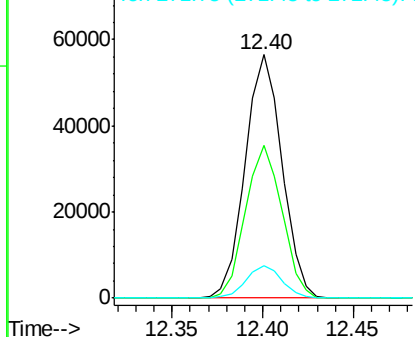


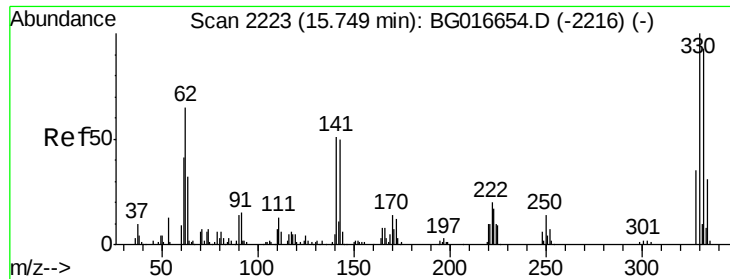
#40
 Hexachlorocyclopentadiene
 Concen: 75.83 ng
 RT: 12.40 min Scan# 1653
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:	237	Resp:	79839
Ion	Ratio	Lower	Upper
237	100		
235	63.0	42.2	82.2
272	13.5	0.0	32.8



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

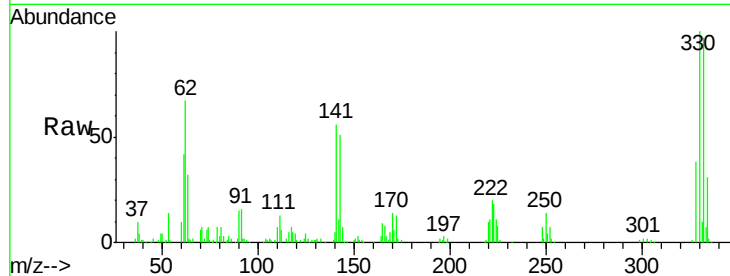




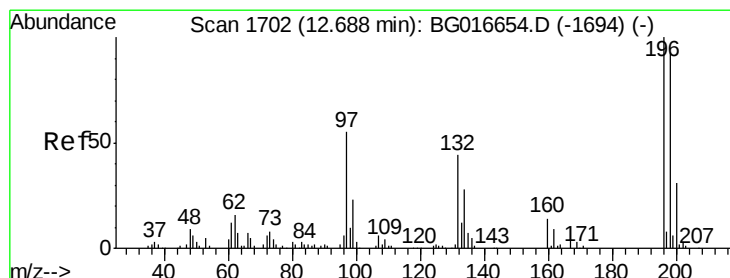
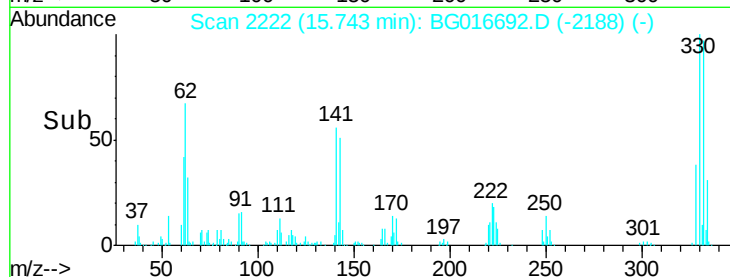
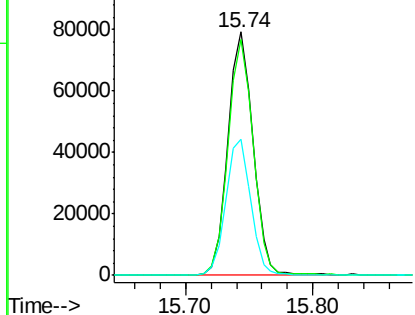
#41
 2,4,6-Tribromophenol
 Concen: 127.99 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion:330 Resp: 108857
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.2 114.4
 141 55.3 43.0 64.6

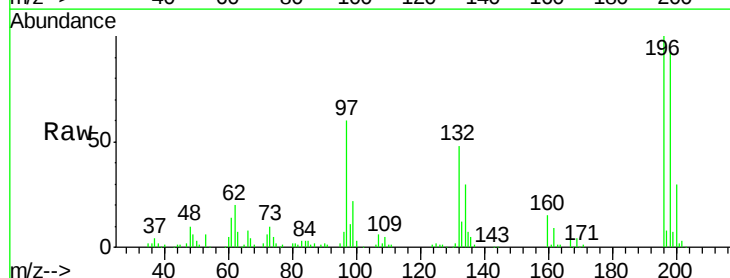


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

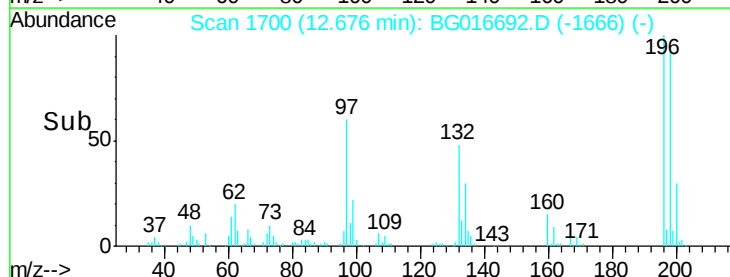
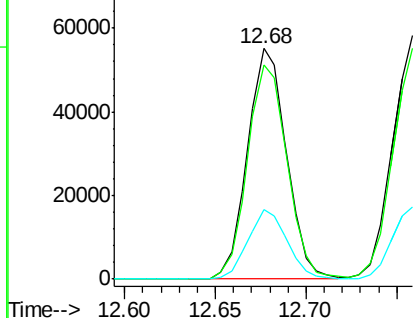


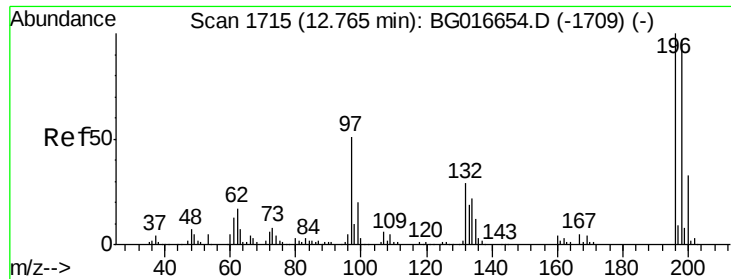
#42
 2,4,6-Trichlorophenol
 Concen: 41.28 ng
 RT: 12.68 min Scan# 1700
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:196 Resp: 82390
 Ion Ratio Lower Upper
 196 100
 198 92.8 74.6 111.8
 200 30.2 24.6 37.0



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

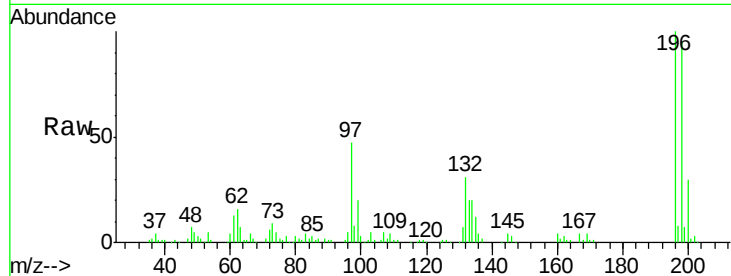




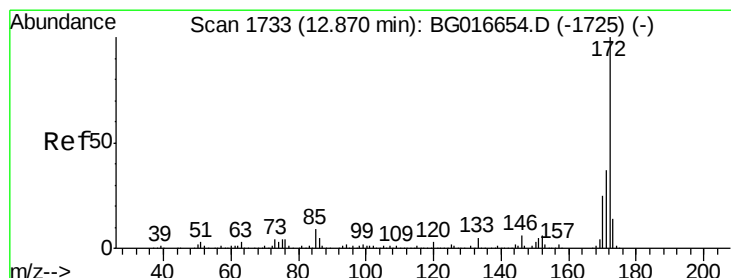
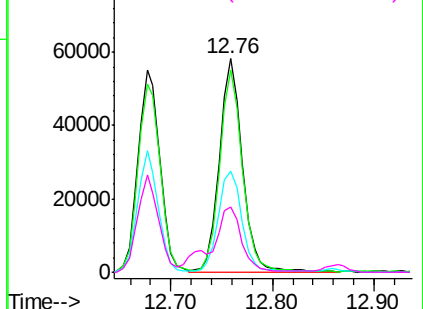
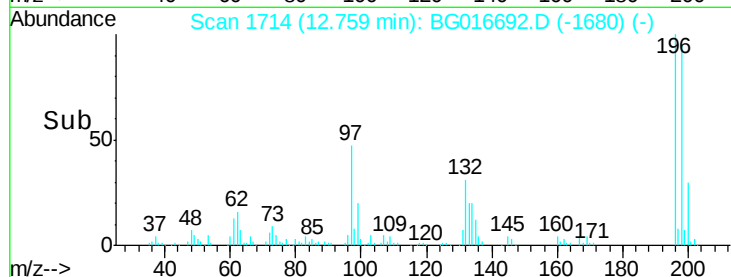
#43
 2,4,5-Trichlorophenol
 Concen: 43.57 ng
 RT: 12.76 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion:196 Resp: 92011
 Ion Ratio Lower Upper
 196 100
 198 94.8 77.4 116.0
 97 47.2 40.9 61.3
 132 30.6 23.2 34.8

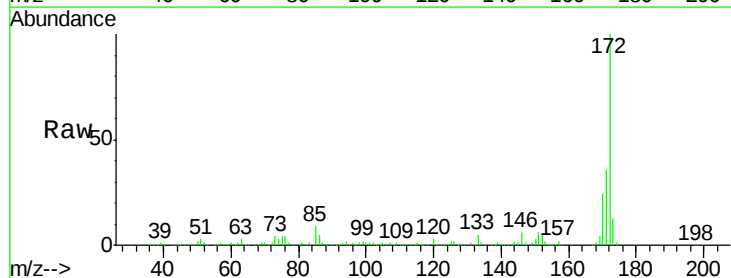


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

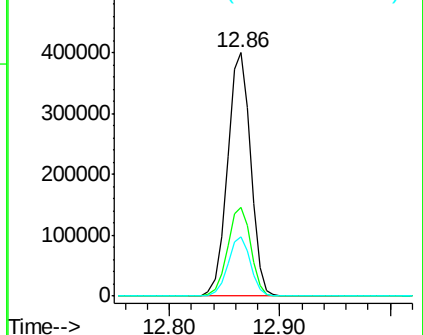
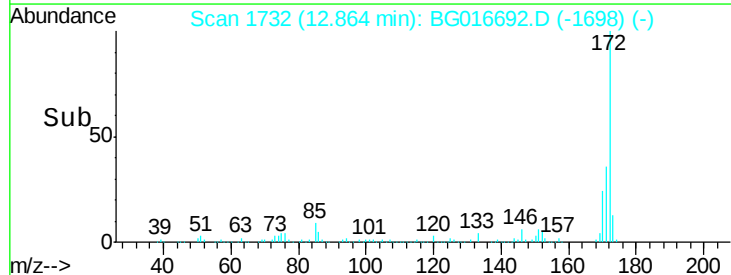


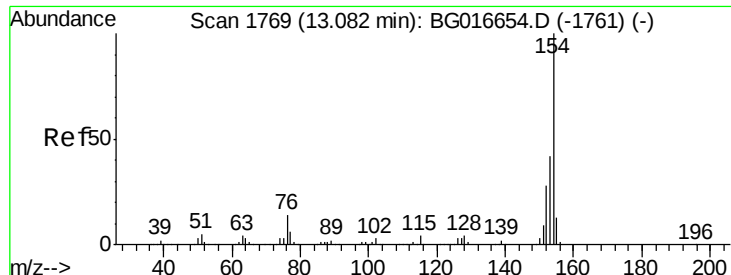
#44
 2-Fluorobiphenyl
 Concen: 81.91 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:172 Resp: 584451
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.9 44.9
 170 24.1 19.8 29.8



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

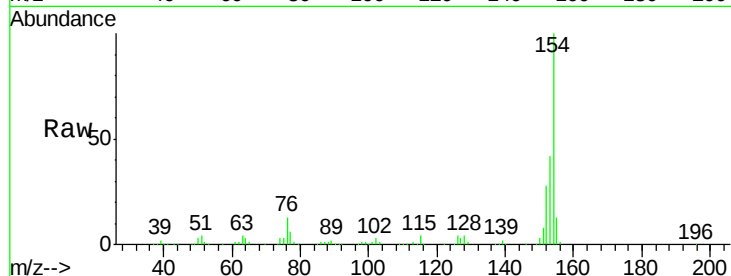




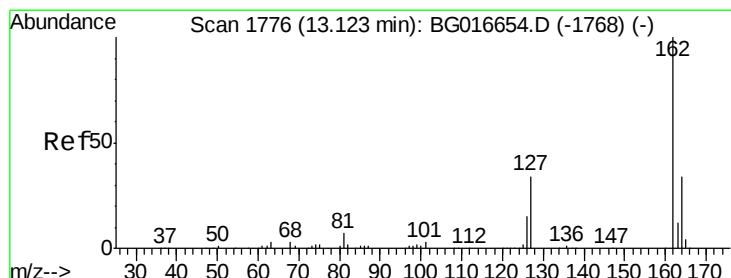
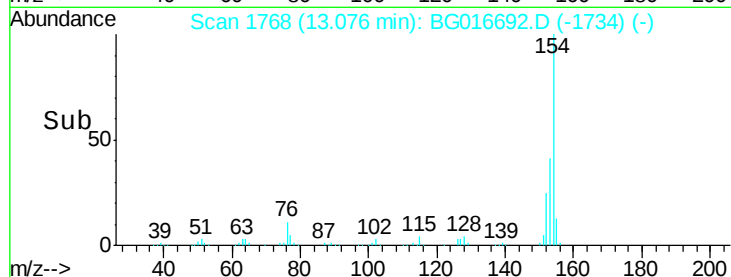
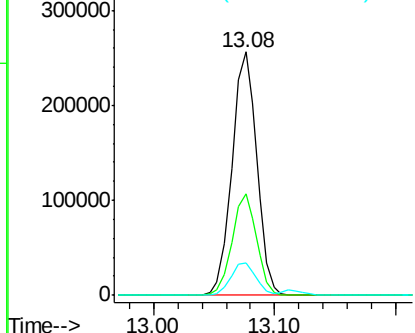
#45
 1,1'-Biphenyl
 Concen: 40.66 ng
 RT: 13.08 min Scan# 1768
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion:154 Resp: 366055
 Ion Ratio Lower Upper
 154 100
 153 41.5 21.8 61.8
 76 13.4 0.0 33.7

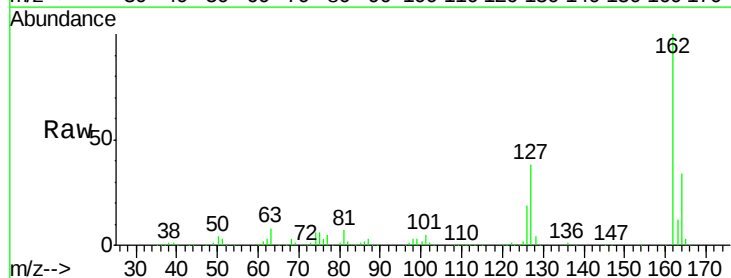


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

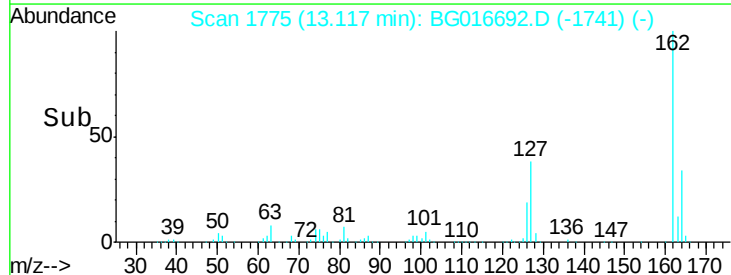
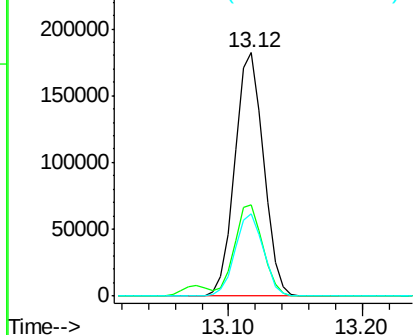


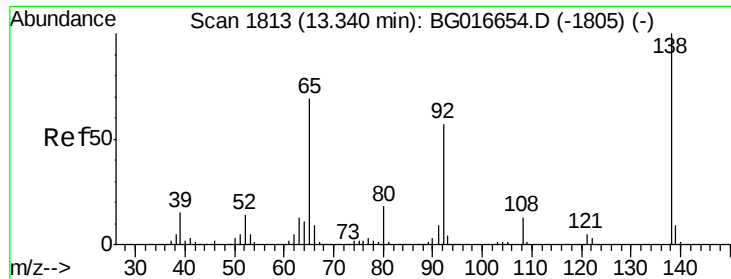
#46
 2-Chloronaphthalene
 Concen: 39.29 ng
 RT: 13.12 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:162 Resp: 271951
 Ion Ratio Lower Upper
 162 100
 127 37.7 30.4 45.6
 164 33.7 26.9 40.3



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

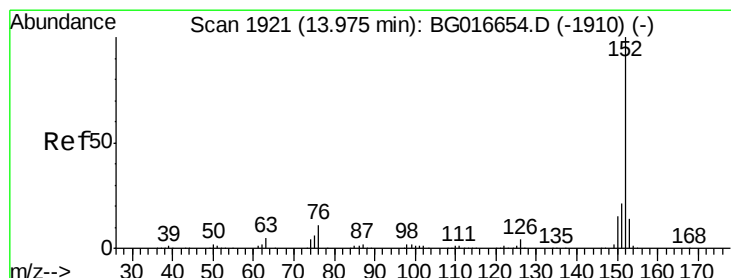
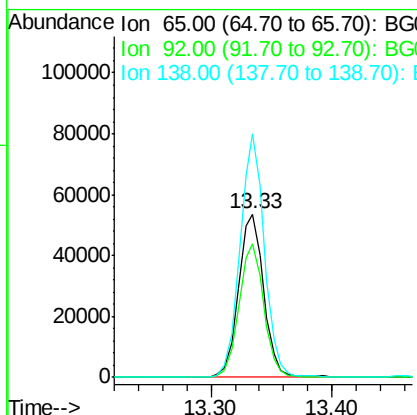
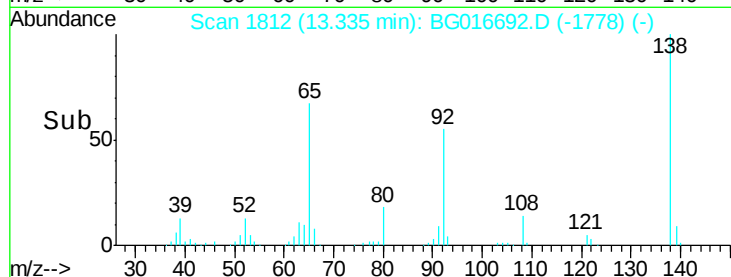
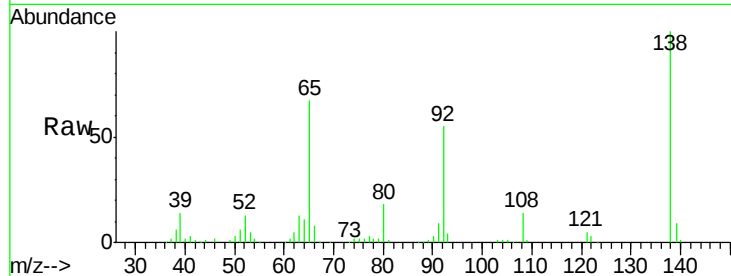




#47
 2-Nitroaniline
 Concen: 41.22 ng
 RT: 13.33 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

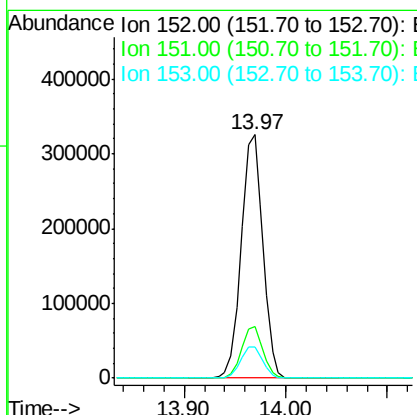
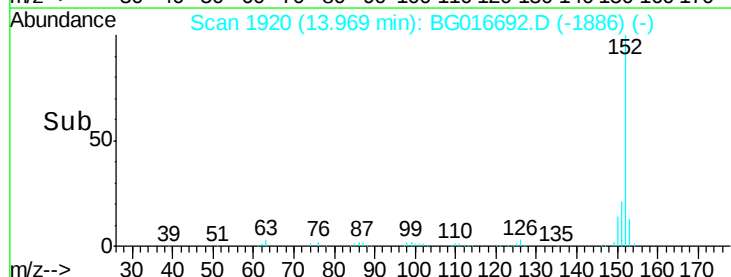
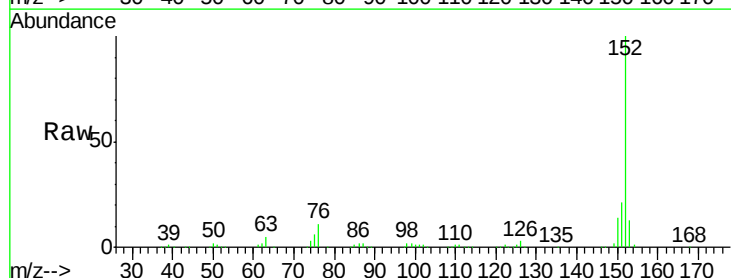
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

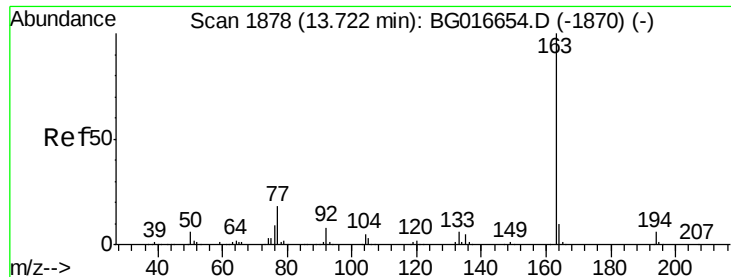
Tgt Ion: 65 Resp: 77821
 Ion Ratio Lower Upper
 65 100
 92 81.5 65.9 98.9
 138 148.9 115.4 173.2



#48
 Acenaphthylene
 Concen: 39.58 ng
 RT: 13.97 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion: 152 Resp: 479749
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.7 25.1
 153 12.8 11.0 16.6





#49

Dimethylphthalate

Concen: 40.83 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

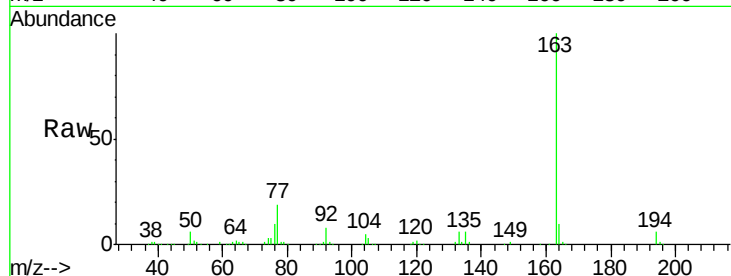
Tgt Ion:163 Resp: 350189

Ion Ratio Lower Upper

163 100

194 6.1 5.0 7.4

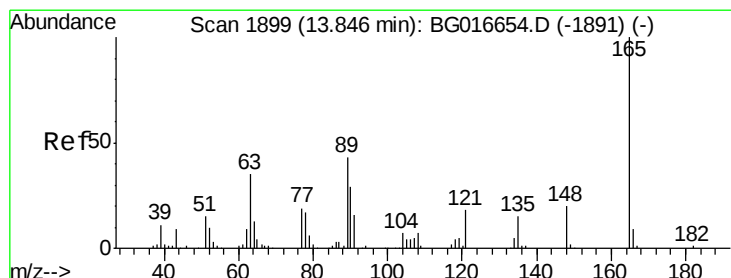
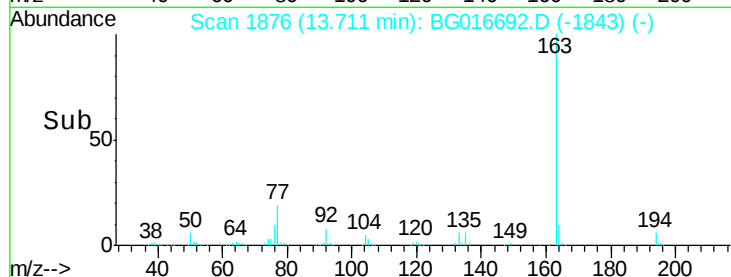
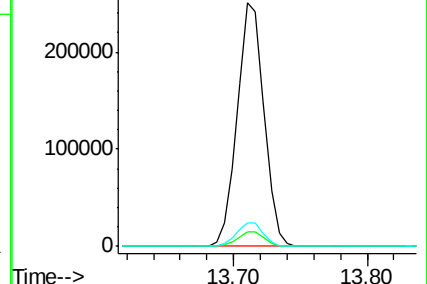
164 9.8 7.8 11.8



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: 41.01 ng

RT: 13.83 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

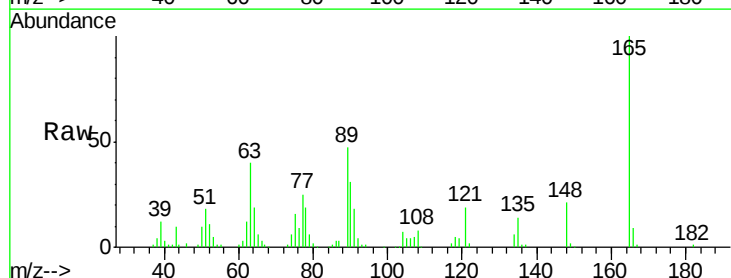
Tgt Ion:165 Resp: 86310

Ion Ratio Lower Upper

165 100

63 39.8 31.5 47.3

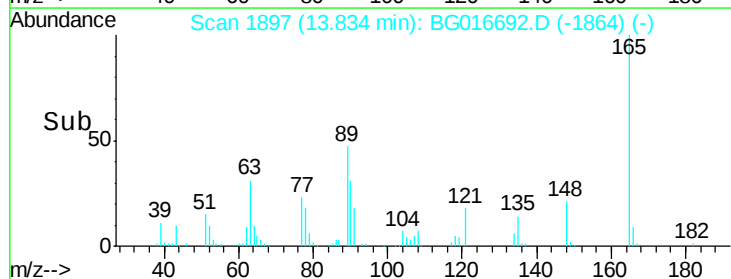
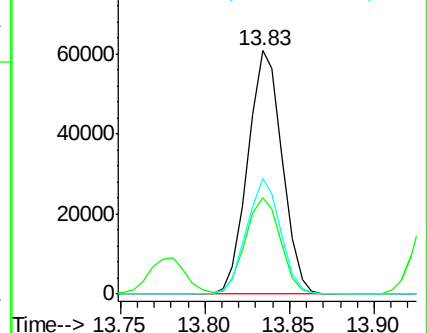
89 47.3 34.7 52.1

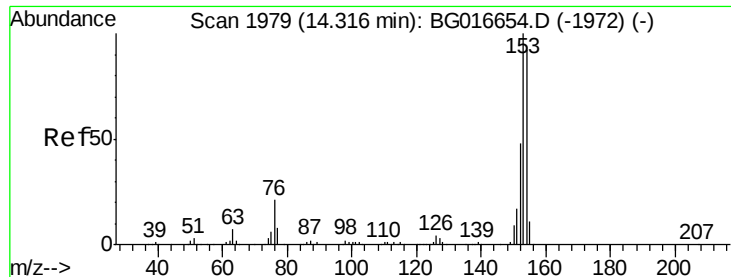


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 39.13 ng

RT: 14.31 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

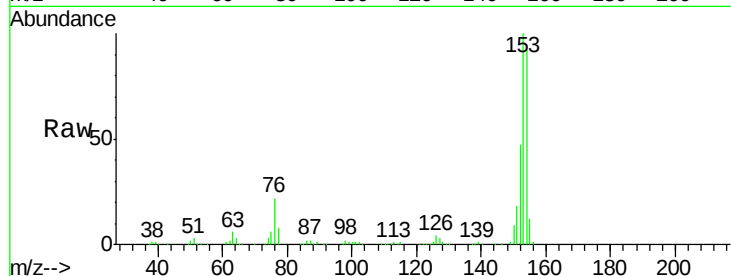
Tgt Ion:154 Resp: 284687

Ion Ratio Lower Upper

154 100

153 108.7 87.0 130.6

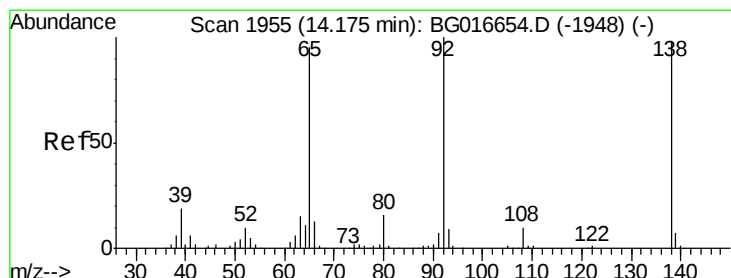
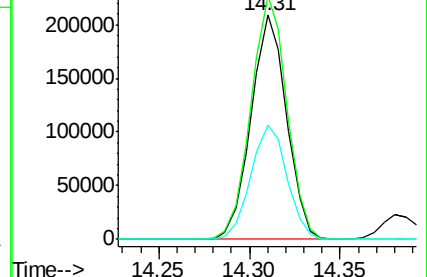
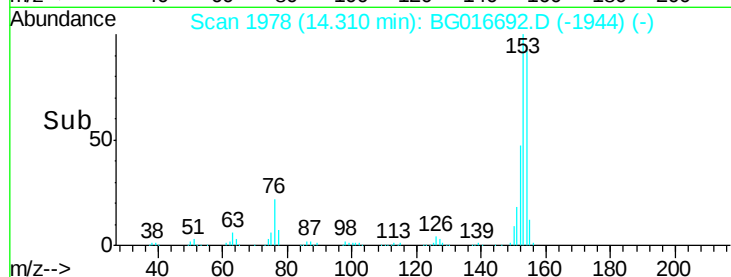
152 51.0 41.6 62.4



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: 21.52 ng

RT: 14.17 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

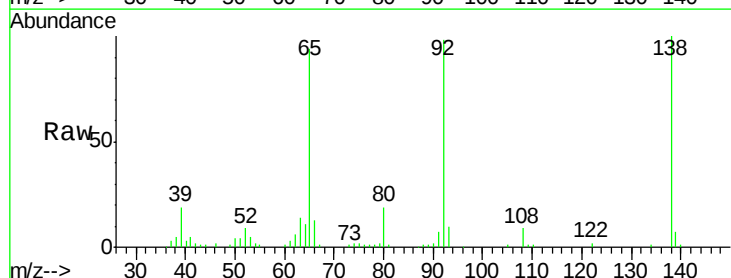
Tgt Ion:138 Resp: 54733

Ion Ratio Lower Upper

138 100

108 8.9 7.8 11.6

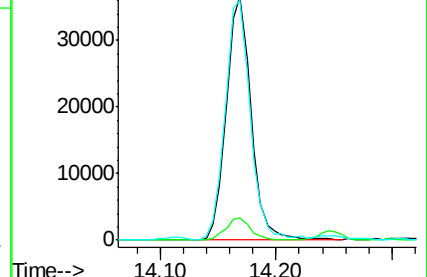
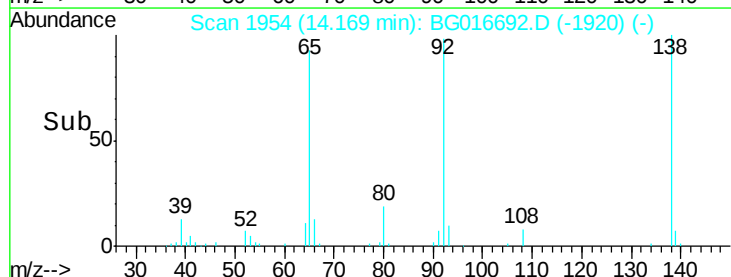
92 98.3 81.9 122.9

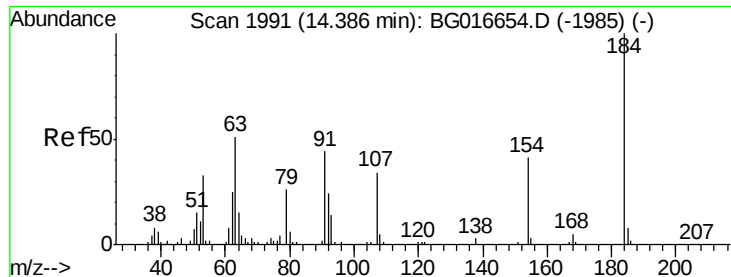


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

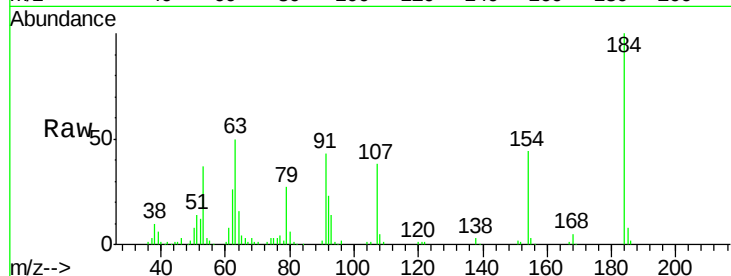




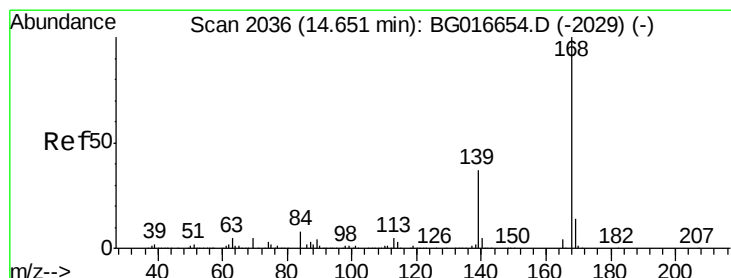
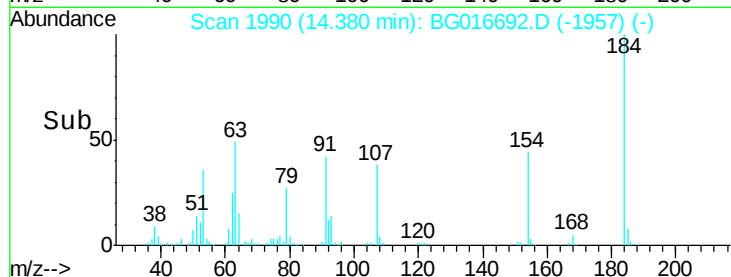
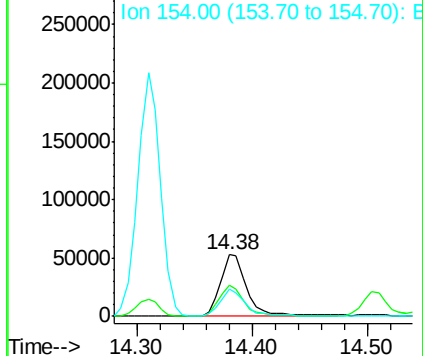
#53
2,4-Dinitrophenol
Concen: 74.70 ng
RT: 14.38 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:184 Resp: 84839
Ion Ratio Lower Upper
184 100
63 49.8 40.7 61.1
154 43.7 34.1 51.1

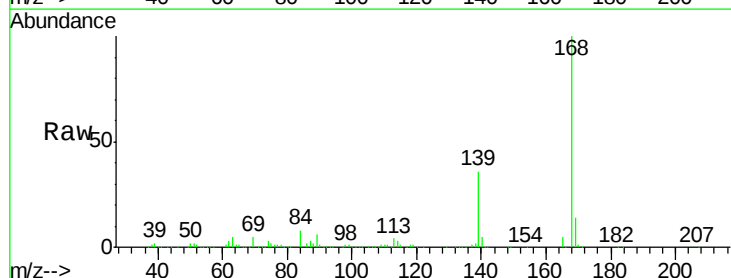


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

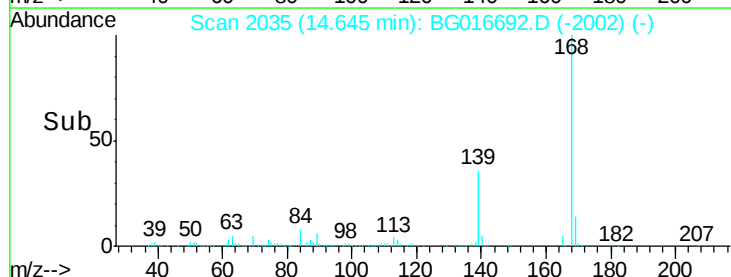
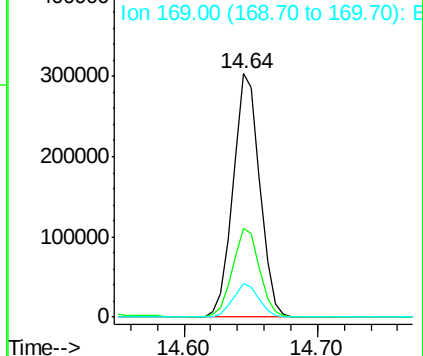


#54
Dibenzofuran
Concen: 40.99 ng
RT: 14.64 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:168 Resp: 420683
Ion Ratio Lower Upper
168 100
139 36.5 29.8 44.8
169 13.7 11.0 16.4



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

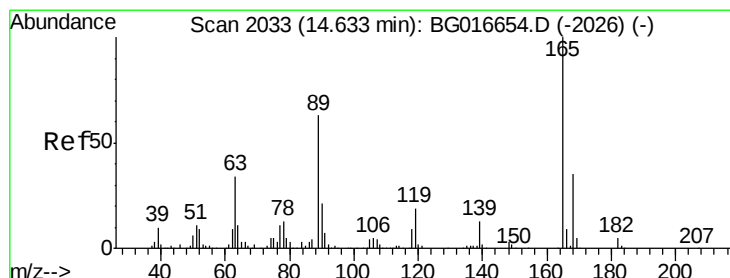
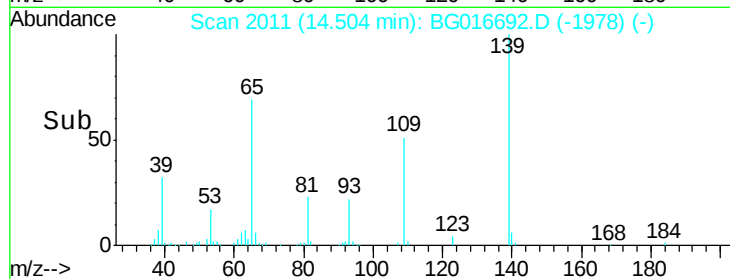
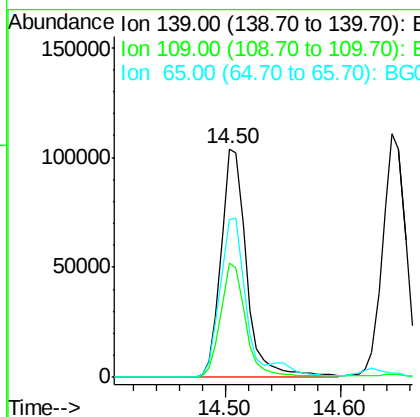
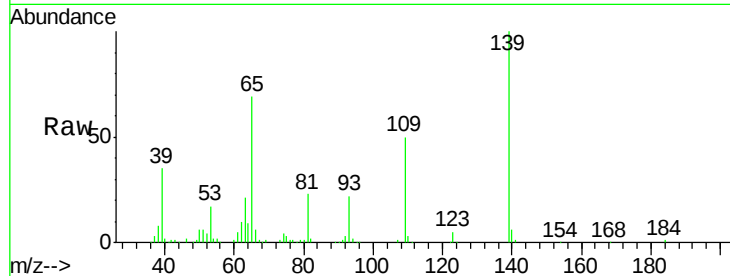




#55
4-Nitrophenol
Concen: 84.13 ng
RT: 14.50 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

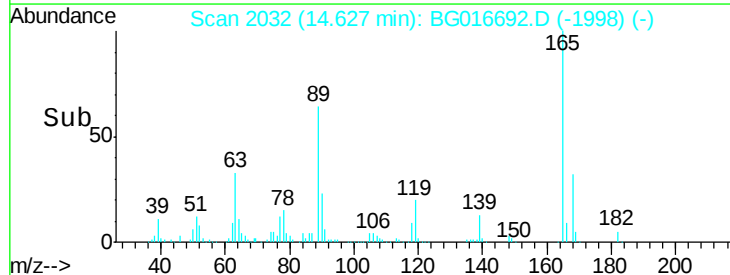
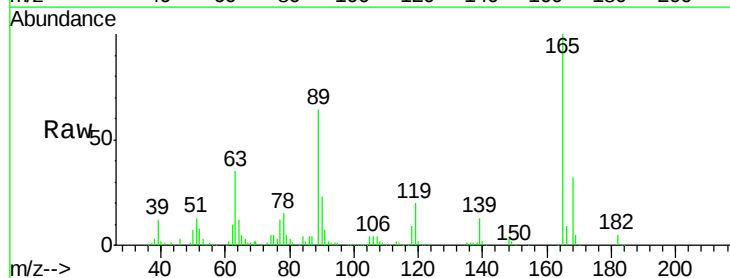
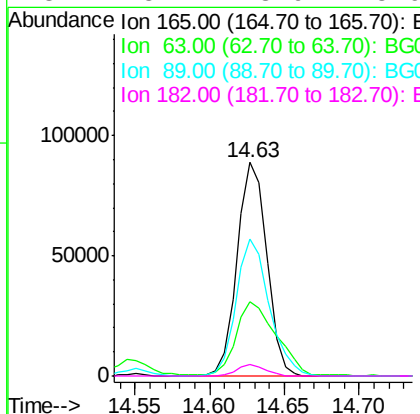
Instrument :
BNA_G
ClientSampleID :
PB82973BS

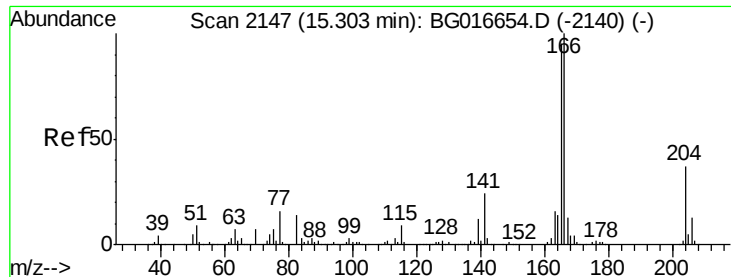
Tgt Ion	Ratio	Lower	Upper
139	100		
109	50.2	27.8	67.8
65	69.1	46.3	86.3



#56
2,4-Dinitrotoluene
Concen: 42.56 ng
RT: 14.63 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.7	27.4	41.0
89	64.2	50.6	75.8
182	5.2	3.9	5.9

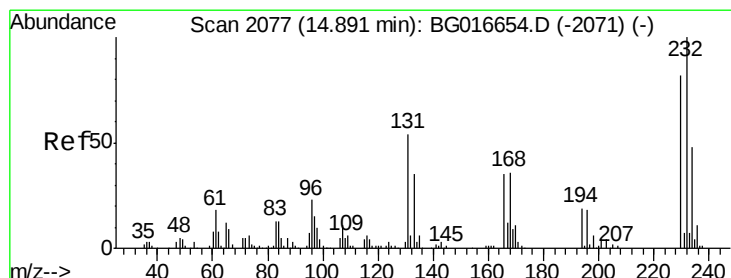
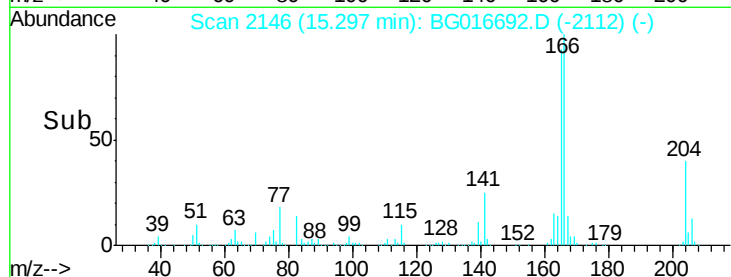
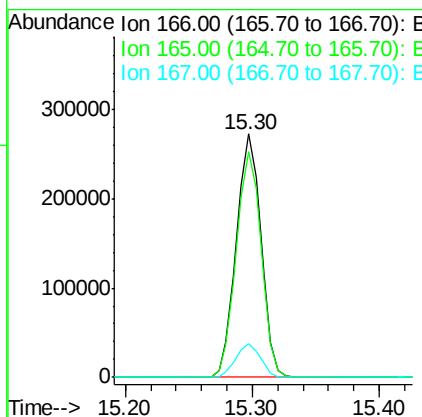
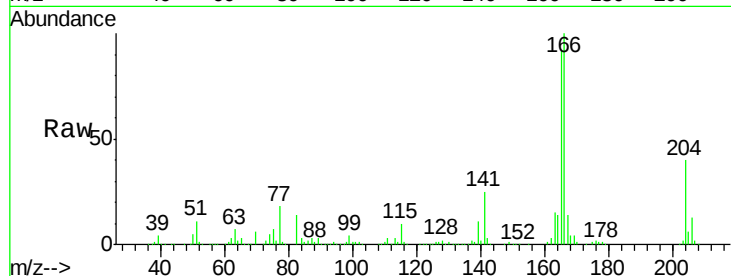




#57
Fluorene
 Concen: 40.90 ng
 RT: 15.30 min Scan# 2146
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

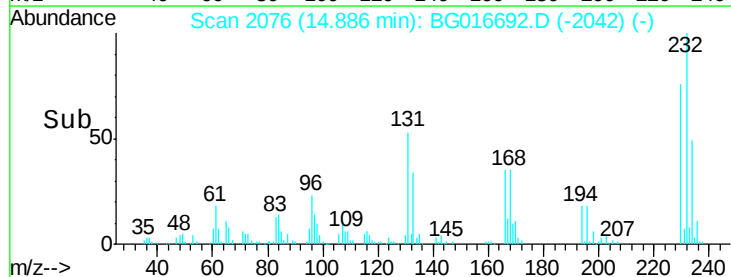
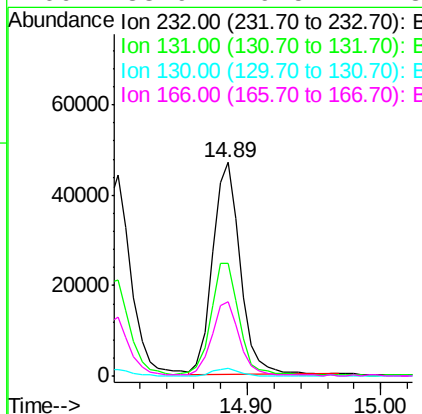
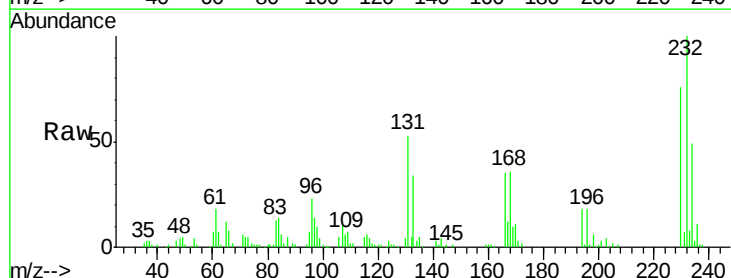
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

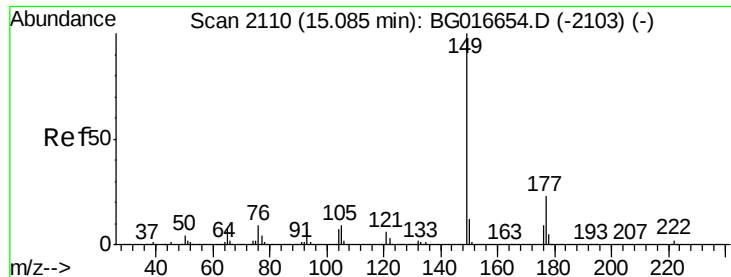
Tgt Ion:166 Resp: 366873
 Ion Ratio Lower Upper
 166 100
 165 92.5 75.6 113.4
 167 13.8 10.7 16.1



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.00 ng
 RT: 14.89 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:232 Resp: 68718
 Ion Ratio Lower Upper
 232 100
 131 56.3 43.9 65.9
 130 3.2 2.4 3.6
 166 33.9 29.5 44.3

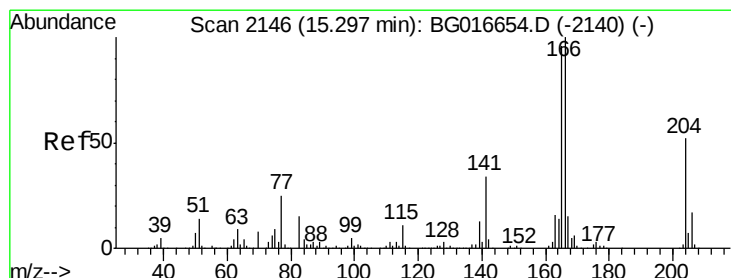
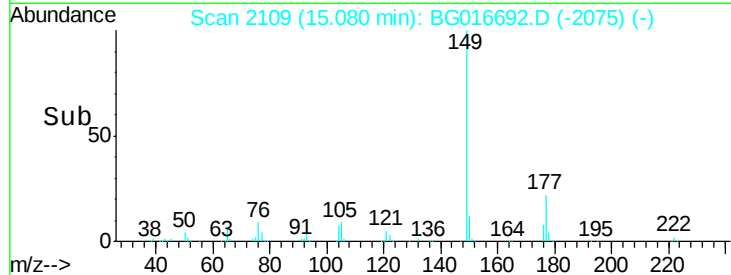
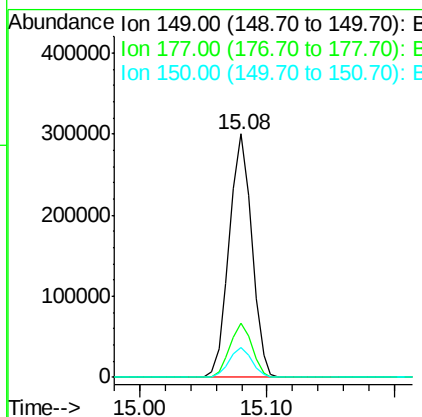
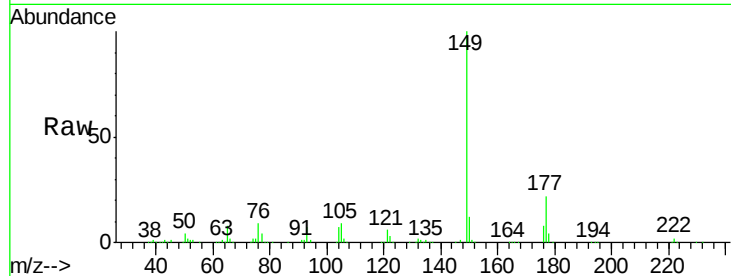




#59
Diethylphthalate
Concen: 41.22 ng
RT: 15.08 min Scan# 2109
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

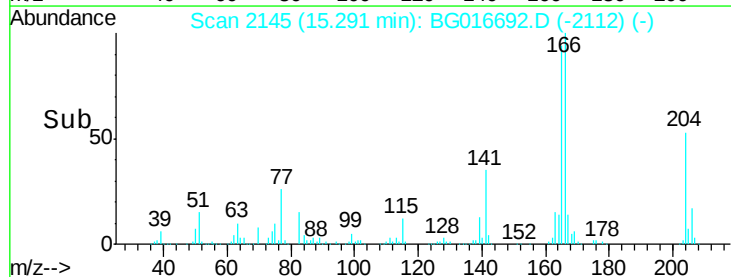
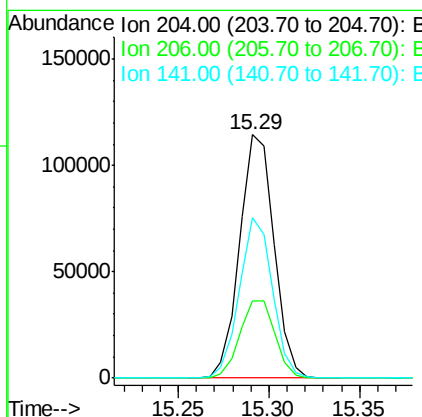
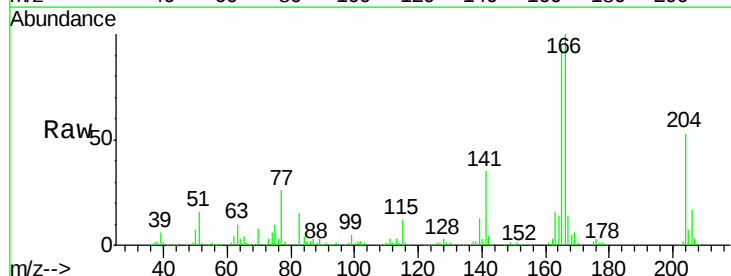
Instrument :
BNA_G
ClientSampleId :
PB82973BS

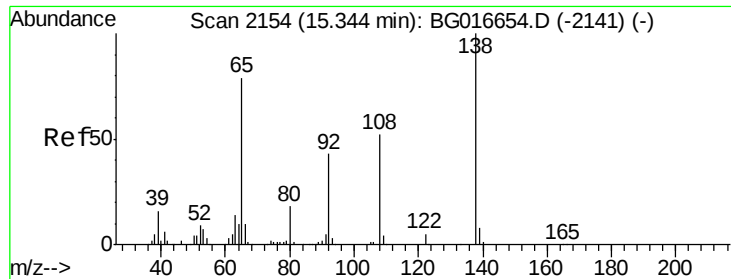
Tgt Ion:149 Resp: 368430
Ion Ratio Lower Upper
149 100
177 22.5 18.2 27.2
150 12.2 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.22 ng
RT: 15.29 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:204 Resp: 150664
Ion Ratio Lower Upper
204 100
206 31.9 26.2 39.4
141 65.6 52.3 78.5

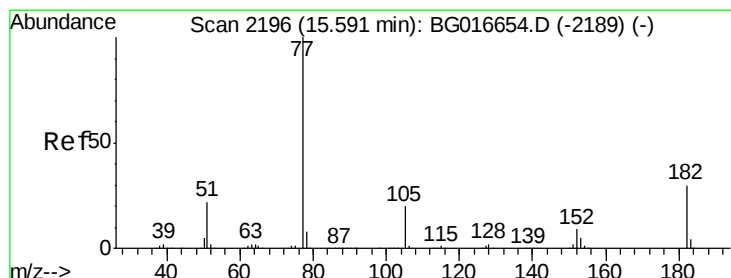
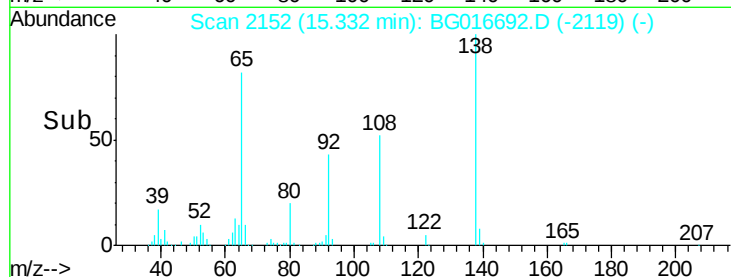
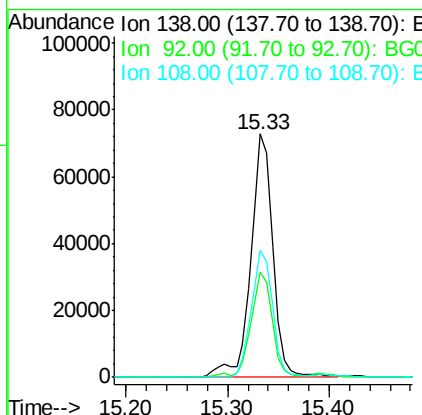
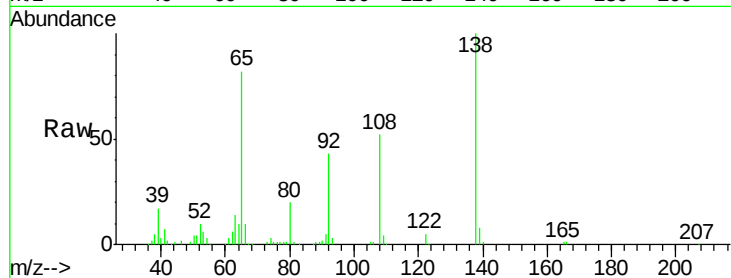




#61
4-Nitroaniline
Concen: 39.15 ng
RT: 15.33 min Scan# 2152
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

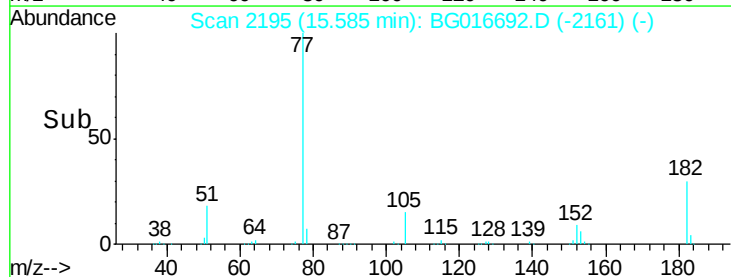
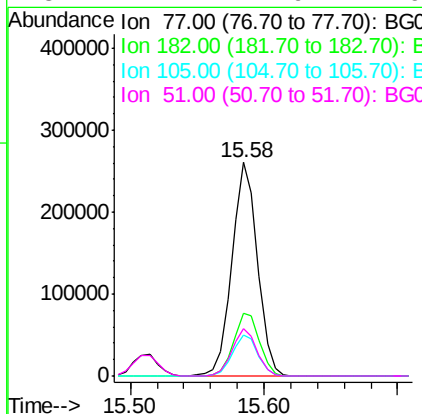
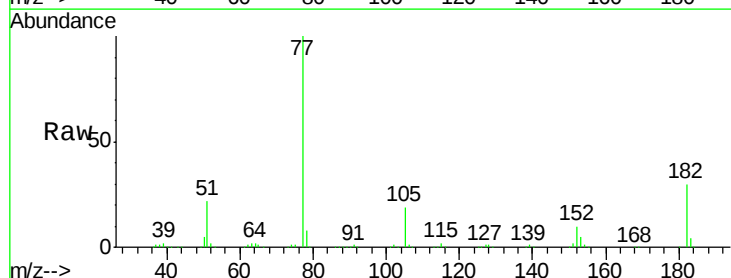
Instrument :
BNA_G
ClientSampleId :
PB82973BS

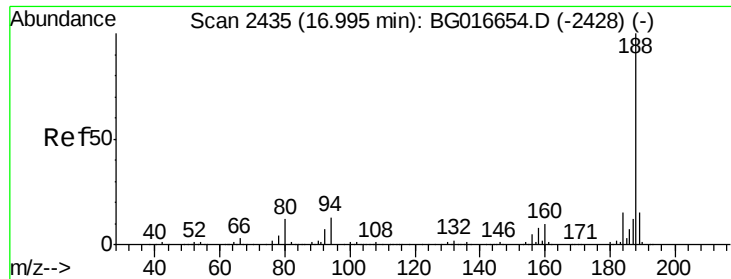
Tgt Ion:138 Resp: 110148
Ion Ratio Lower Upper
138 100
92 43.1 23.1 63.1
108 52.2 31.7 71.7



#62
Azobenzene
Concen: 42.41 ng
RT: 15.58 min Scan# 2195
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion: 77 Resp: 346220
Ion Ratio Lower Upper
77 100
182 29.7 9.8 49.8
105 19.4 0.0 39.5
51 22.1 1.9 41.9

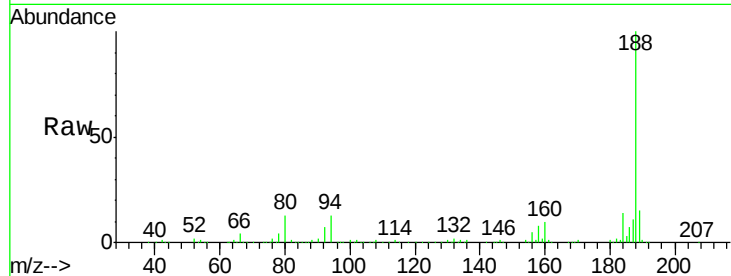




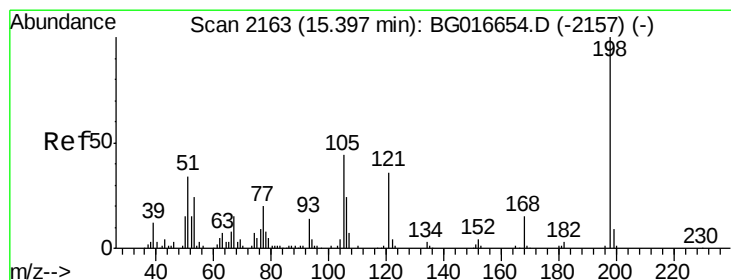
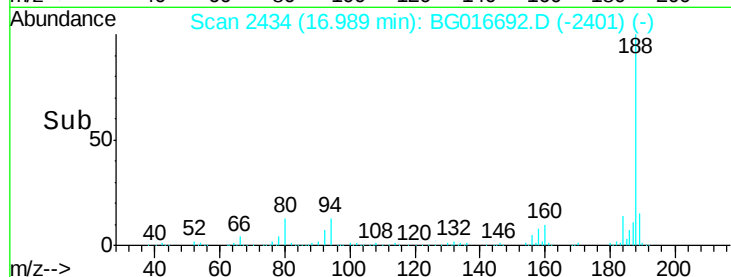
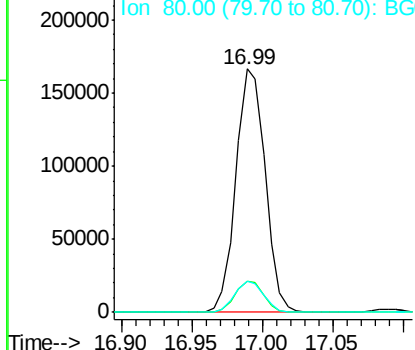
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion:188 Resp: 241191
Ion Ratio Lower Upper
188 100
94 12.9 10.7 16.1
80 13.0 9.9 14.9

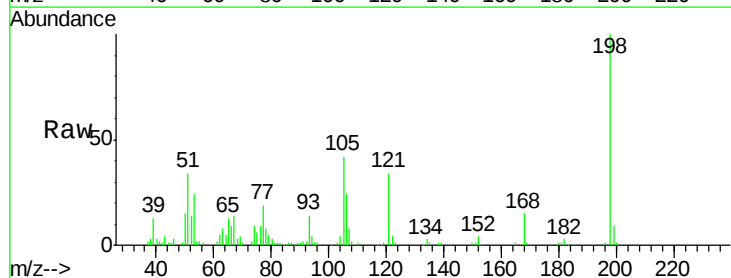


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

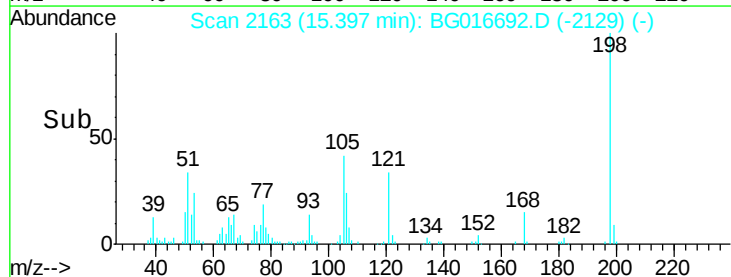
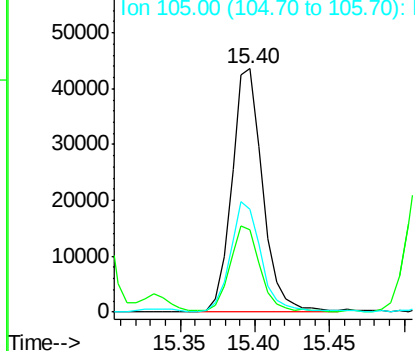


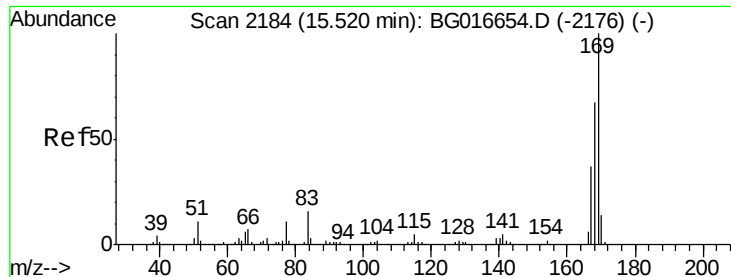
#64
4,6-Dinitro-2-methylphenol
Concen: 38.54 ng
RT: 15.40 min Scan# 2163
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:198 Resp: 62901
Ion Ratio Lower Upper
198 100
51 34.1 14.9 54.9
105 42.1 24.6 64.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

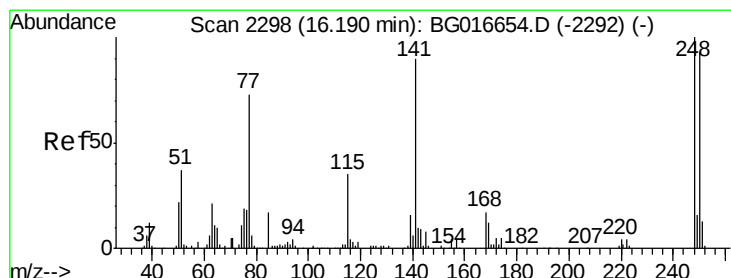
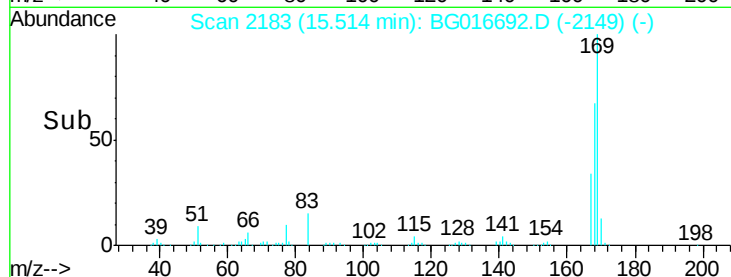
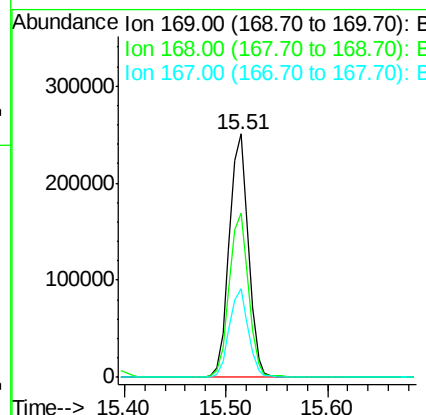
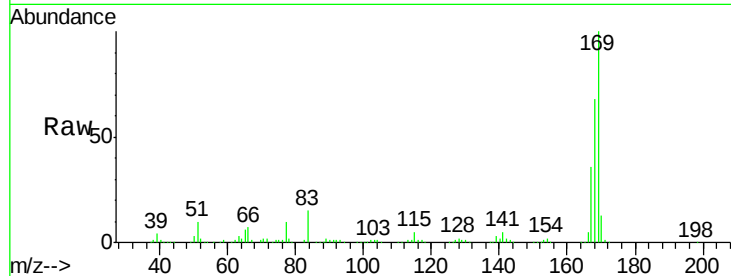




#65
 n-Nitrosodiphenylamine
 Concen: 39.69 ng
 RT: 15.51 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

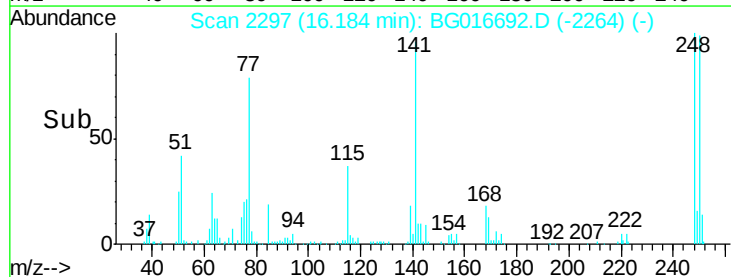
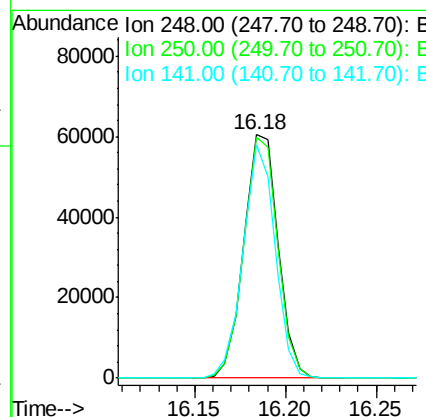
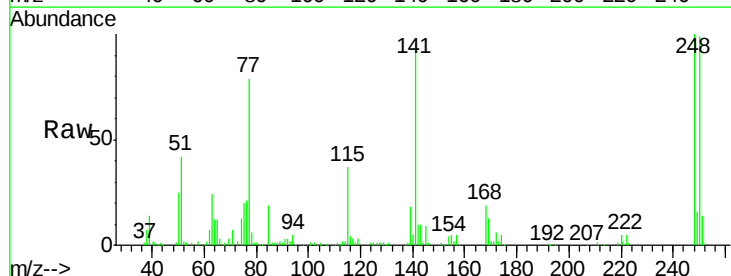
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

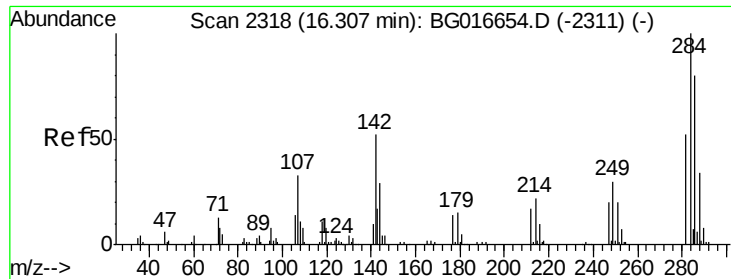
Tgt Ion:169 Resp: 328234
 Ion Ratio Lower Upper
 169 100
 168 67.6 53.6 80.4
 167 36.3 29.4 44.0



#66
 4-Bromophenyl-phenylether
 Concen: 39.43 ng
 RT: 16.18 min Scan# 2297
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:248 Resp: 79479
 Ion Ratio Lower Upper
 248 100
 250 98.8 74.8 112.2
 141 95.7 72.0 108.0

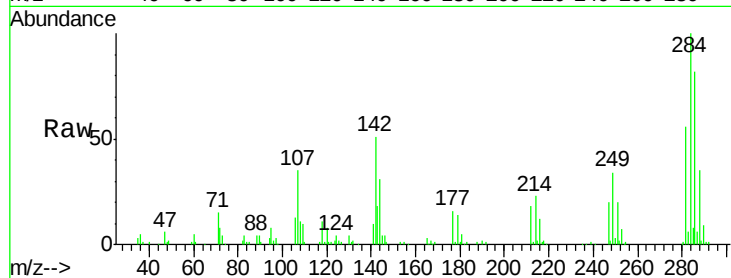




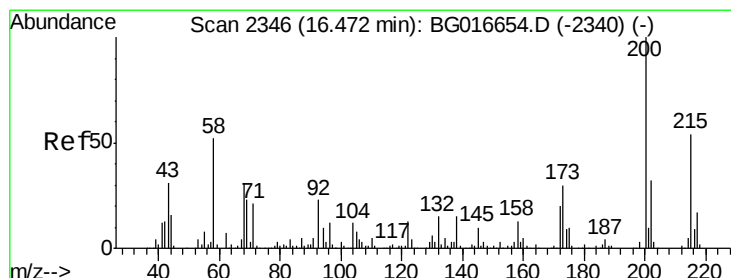
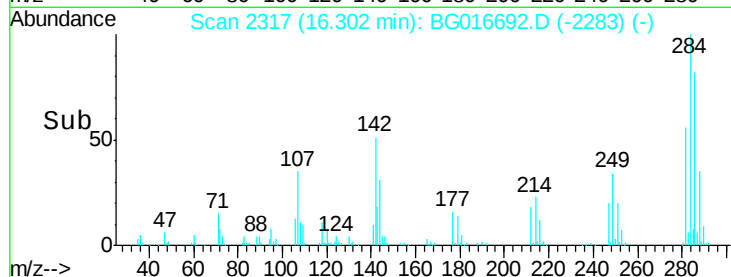
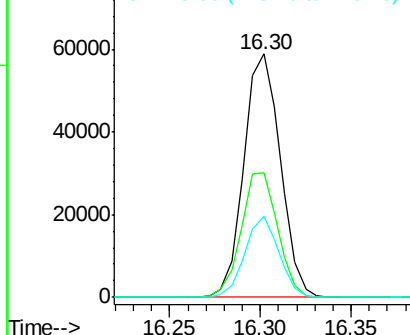
#67
Hexachlorobenzene
Concen: 39.83 ng
RT: 16.30 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Instrument :
BNA_G
ClientSampleId :
PB82973BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	51.3	41.5	62.3
249	33.5	24.2	36.4

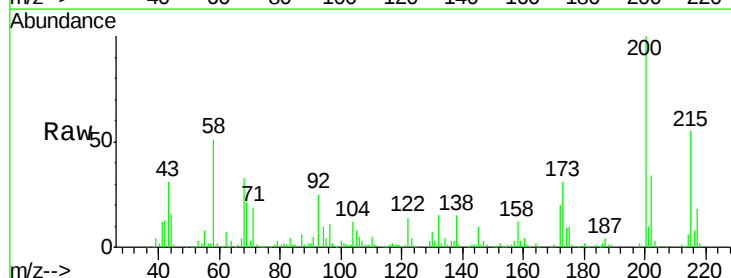


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

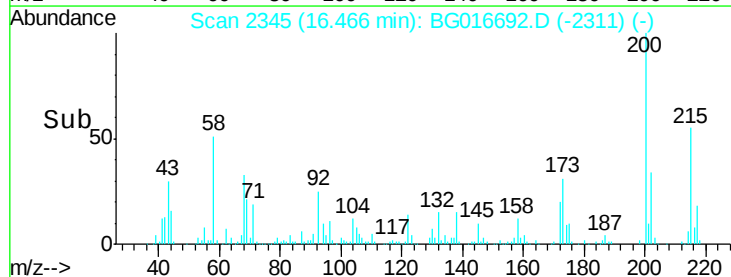
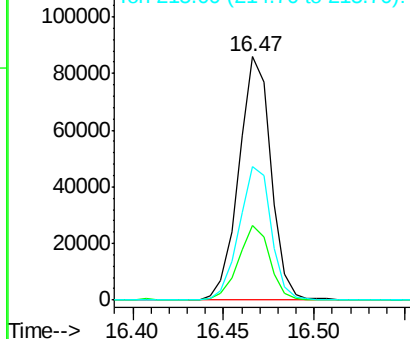


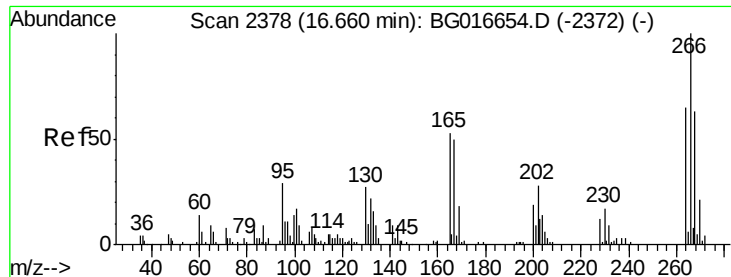
#68
Atrazine
Concen: 47.47 ng
RT: 16.47 min Scan# 2345
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion	Ratio	Lower	Upper
200	100		
173	30.7	9.8	49.8
215	54.6	33.7	73.7



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

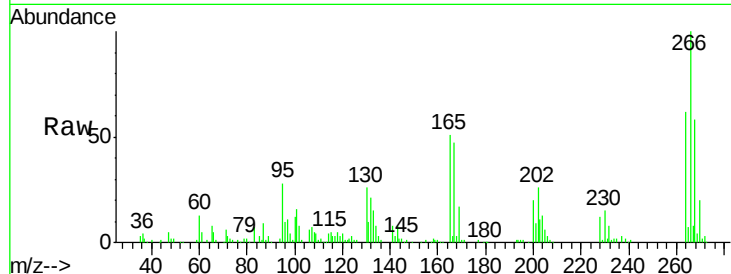




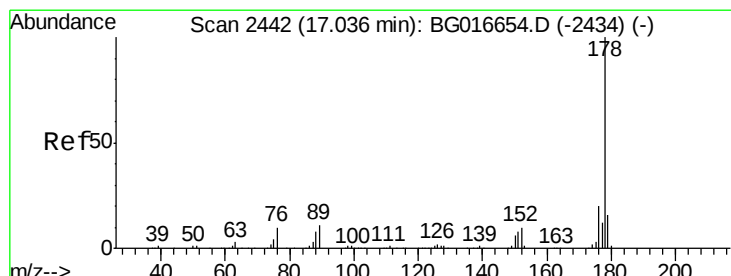
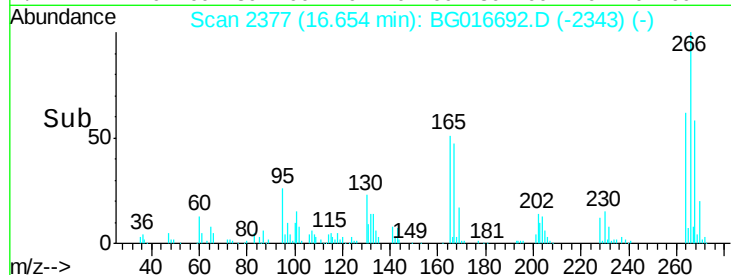
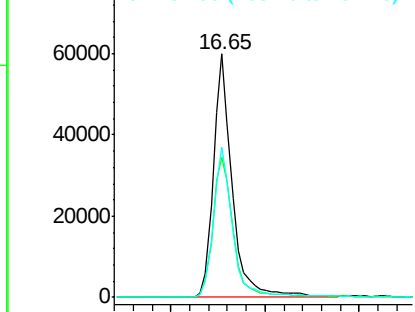
#69
 Pentachlorophenol
 Concen: 84.27 ng
 RT: 16.65 min Scan# 2377
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion:266 Resp: 84813
 Ion Ratio Lower Upper
 266 100
 268 57.5 50.6 76.0
 264 61.6 51.8 77.6

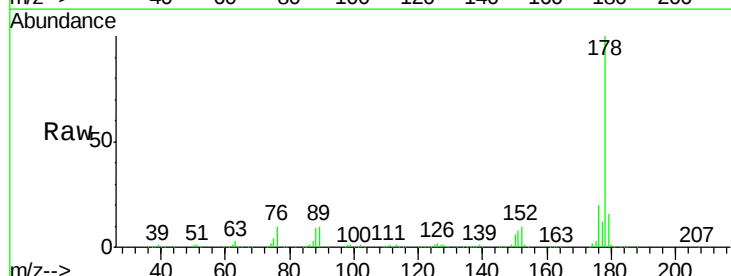


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

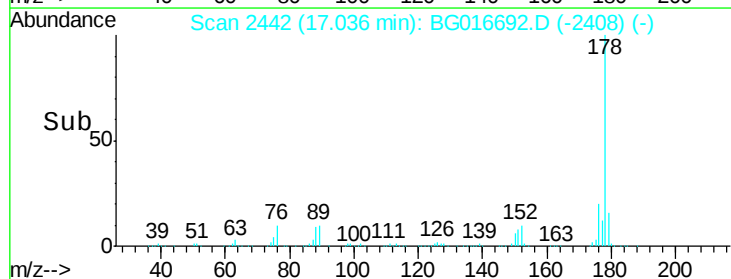
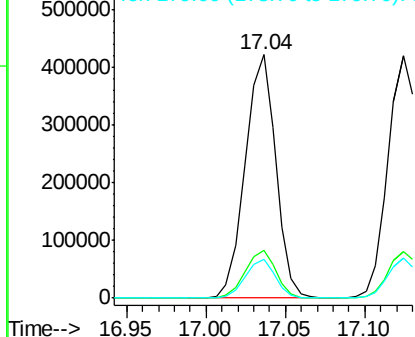


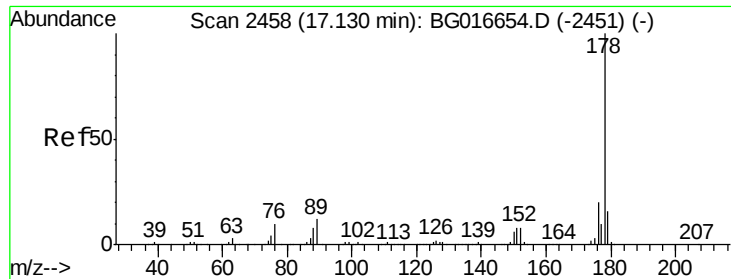
#70
 Phenanthrene
 Concen: 40.74 ng
 RT: 17.04 min Scan# 2442
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:178 Resp: 564538
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.8 23.6
 179 15.7 12.8 19.2



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

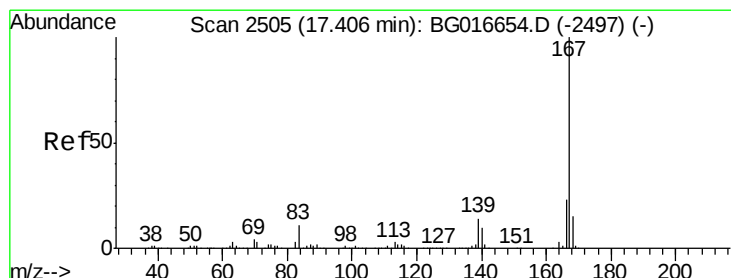
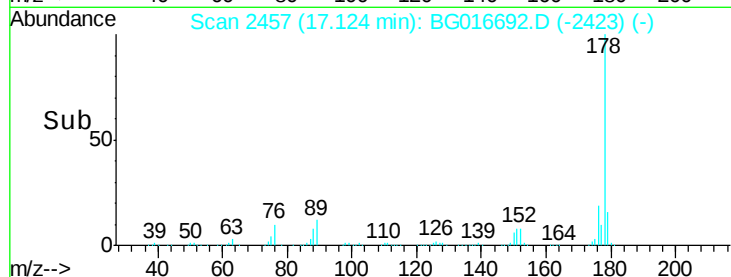
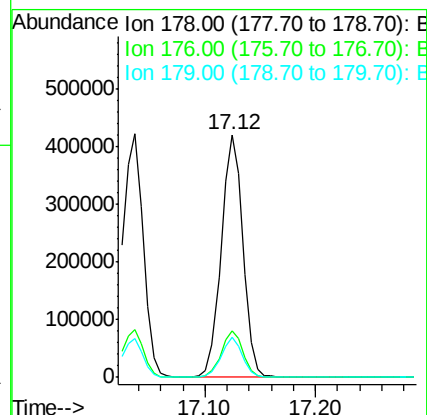
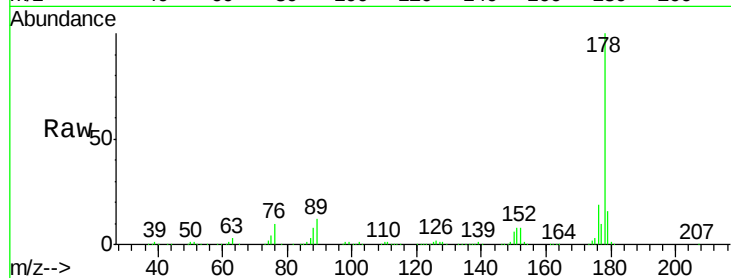




#71
 Anthracene
 Concen: 41.42 ng
 RT: 17.12 min Scan# 2457
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

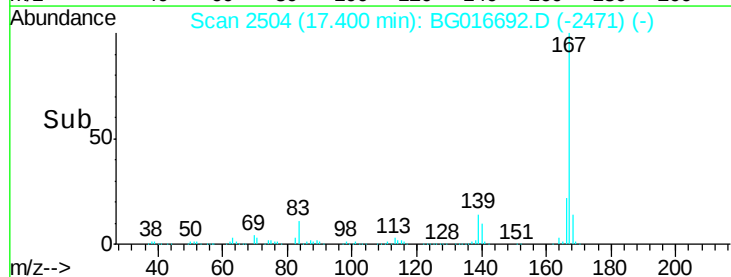
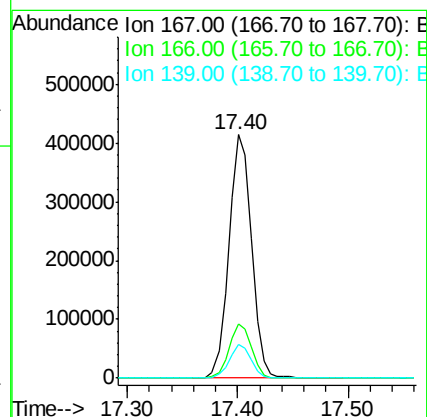
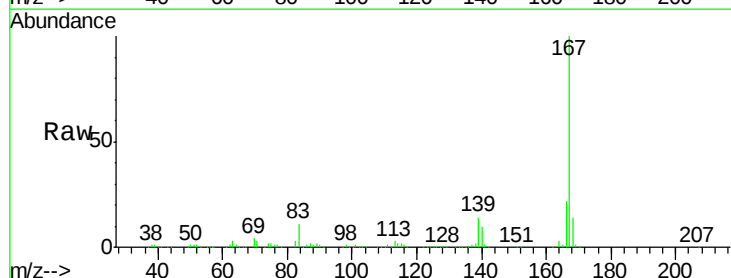
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

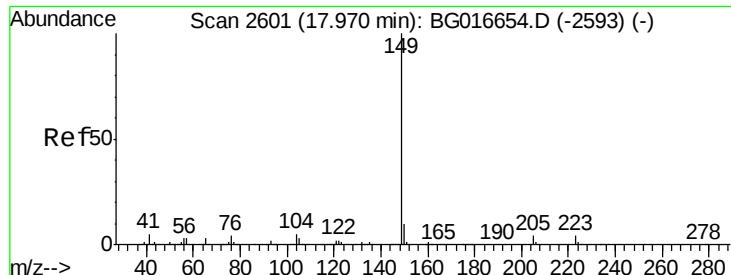
Tgt Ion:178 Resp: 570917
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.0 24.0
 179 16.4 12.9 19.3



#72
 Carbazole
 Concen: 43.21 ng
 RT: 17.40 min Scan# 2504
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:167 Resp: 596540
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.4 27.6
 139 13.9 11.1 16.7

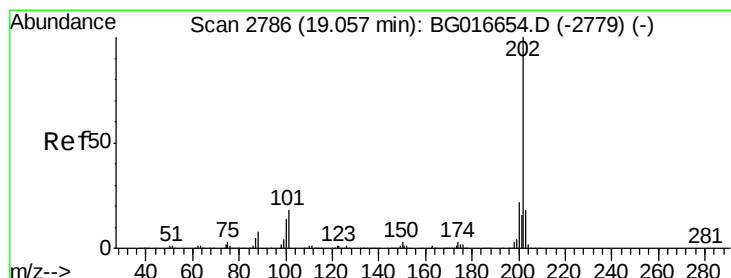
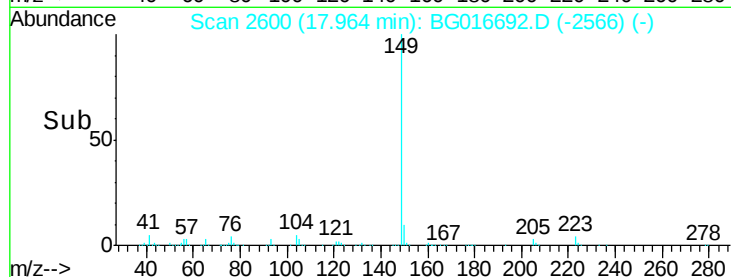
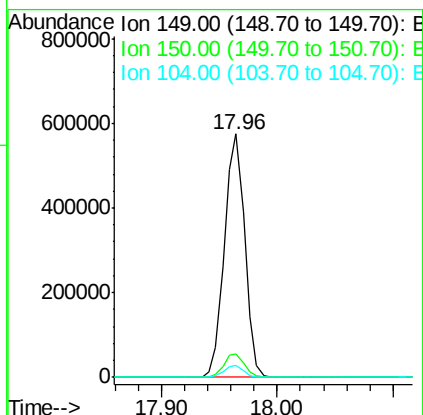
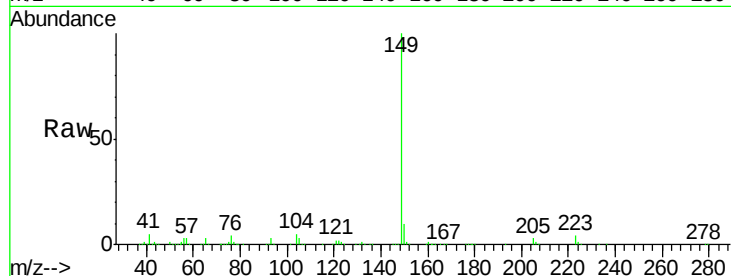




#73
Di-n-butylphthalate
Concen: 42.55 ng
RT: 17.96 min Scan# 2600
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

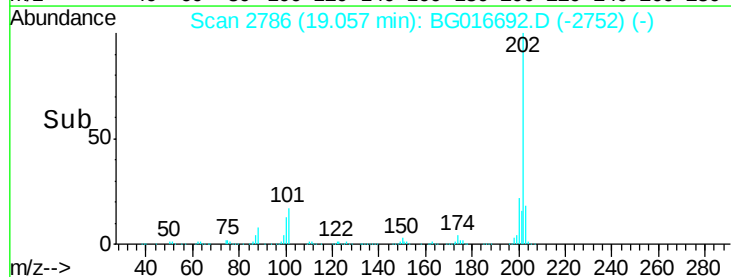
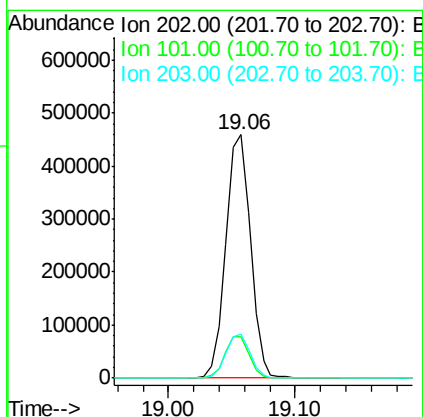
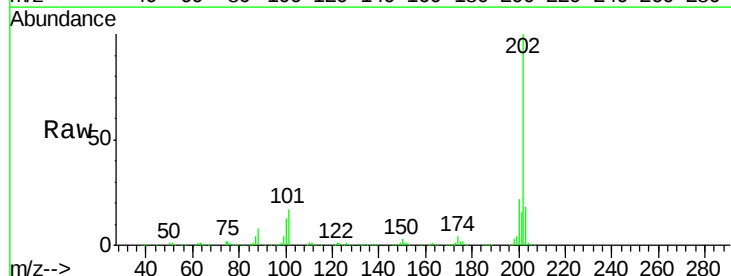
Instrument :
BNA_G
ClientSampleId :
PB82973BS

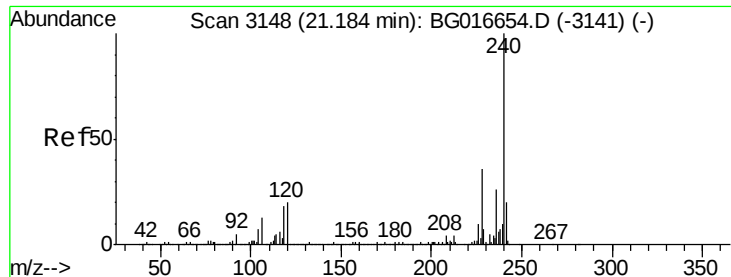
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	4.9	3.6	5.4



#74
Fluoranthene
Concen: 42.12 ng
RT: 19.06 min Scan# 2786
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	38.1
203	18.3	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.18 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

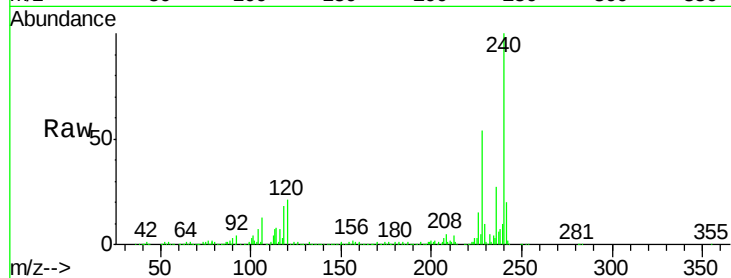
Tgt Ion:240 Resp: 243686

Ion Ratio Lower Upper

240 100

120 20.7 16.3 24.5

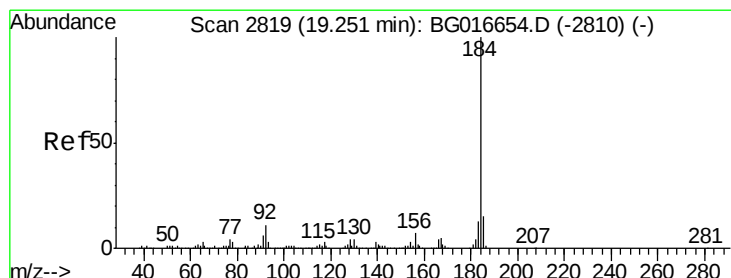
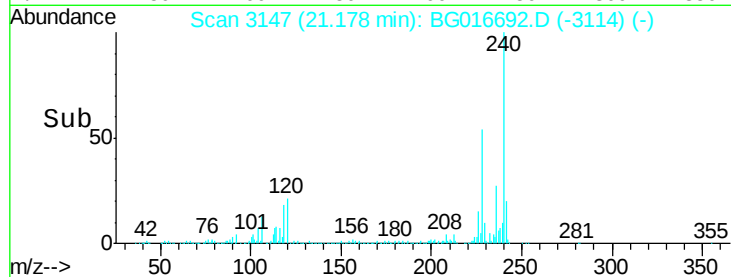
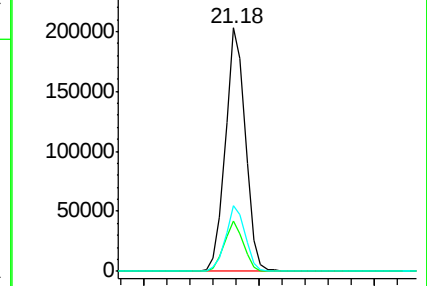
236 27.0 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.64 ng

RT: 19.25 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

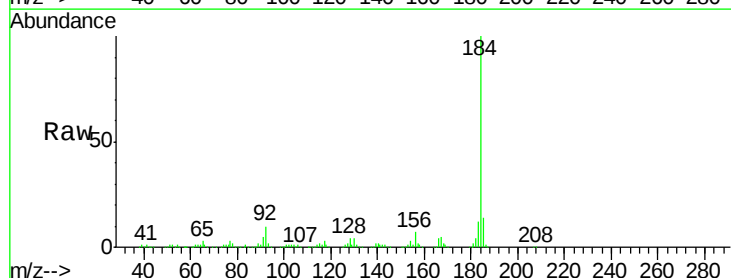
Tgt Ion:184 Resp: 329022

Ion Ratio Lower Upper

184 100

185 14.0 12.3 18.5

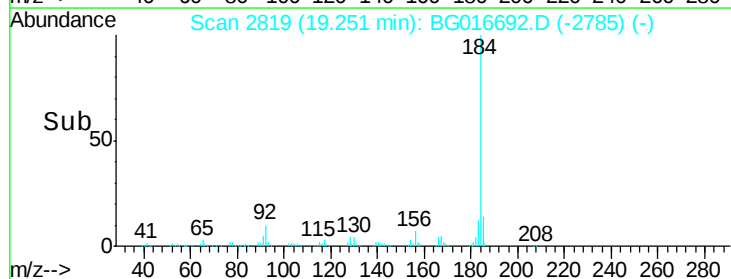
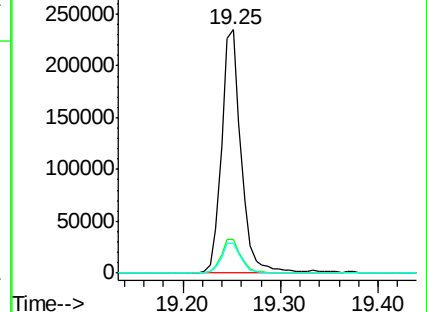
183 12.5 10.1 15.1



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: 38.10 ng

RT: 19.42 min Scan# 2848

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

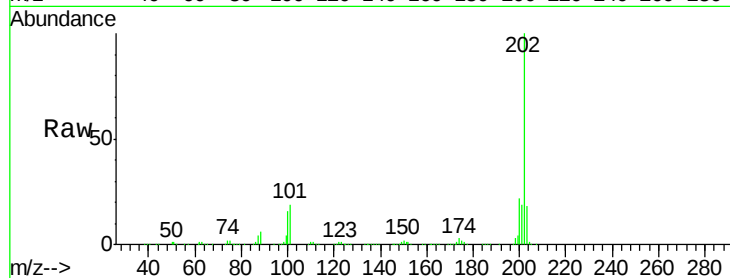
Tgt Ion:202 Resp: 652249

Ion Ratio Lower Upper

202 100

200 22.2 18.0 27.0

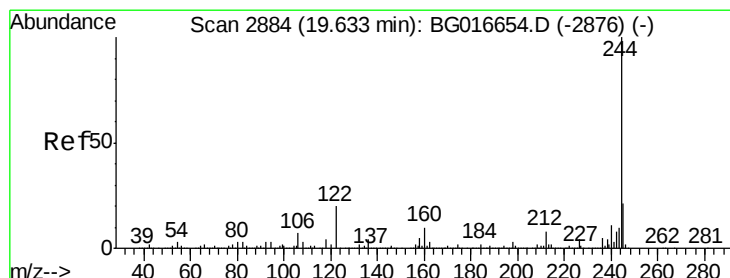
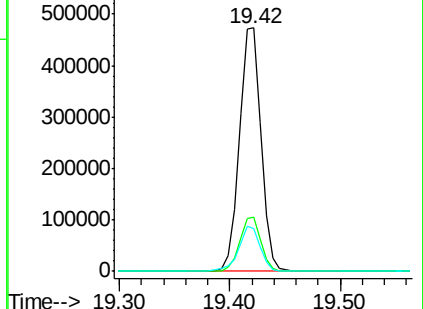
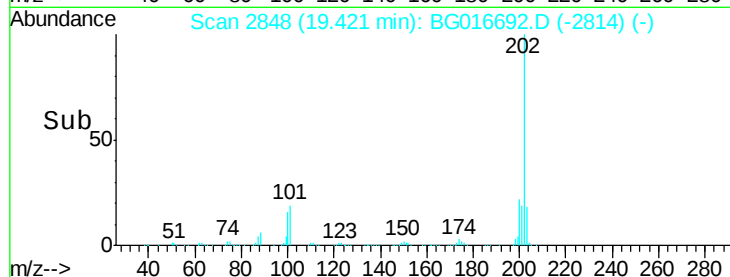
203 17.7 14.9 22.3



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: 73.20 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

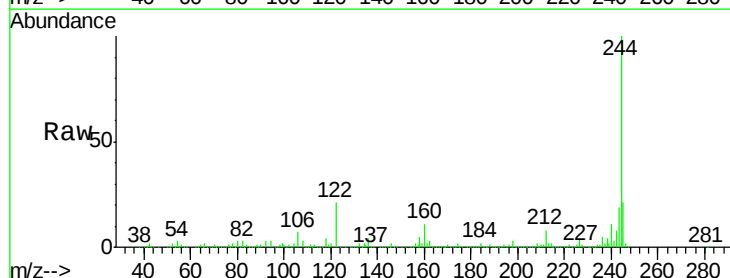
Tgt Ion:244 Resp: 774395

Ion Ratio Lower Upper

244 100

212 8.2 6.4 9.6

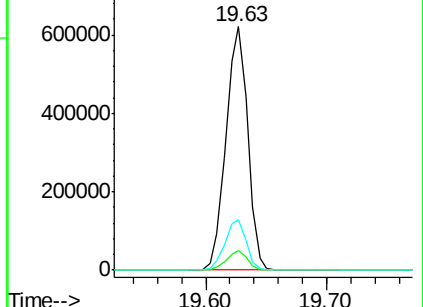
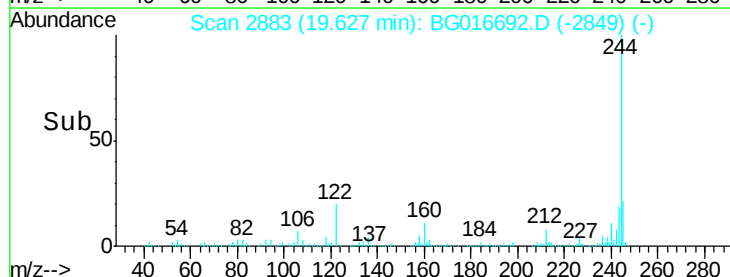
122 20.7 15.9 23.9

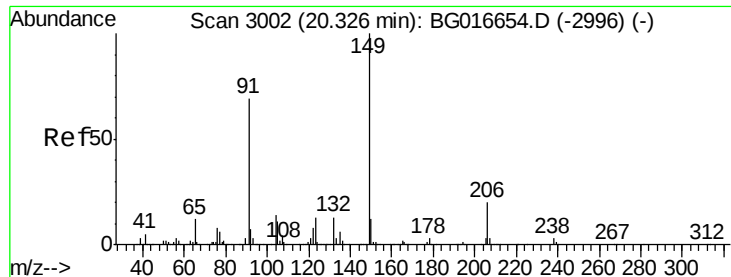


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

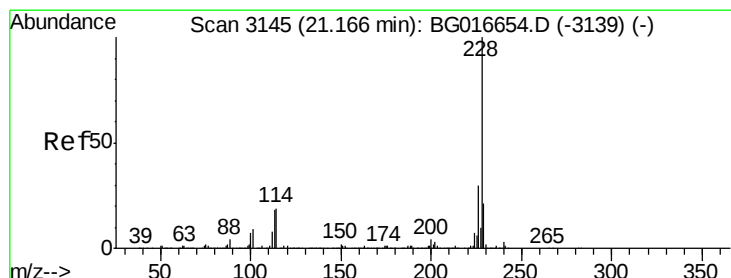
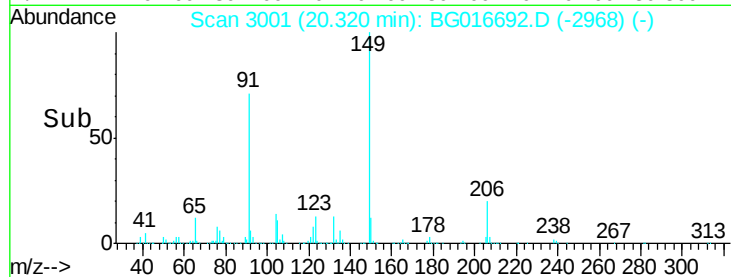
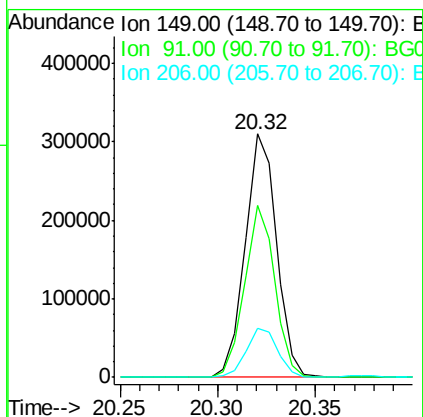
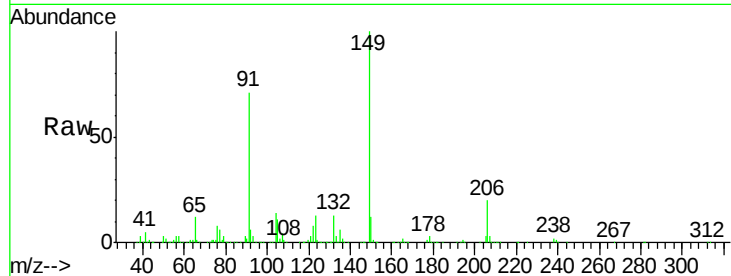




#79
Butylbenzylphthalate
Concen: 41.14 ng
RT: 20.32 min Scan# 3001
Delta R.T. -0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

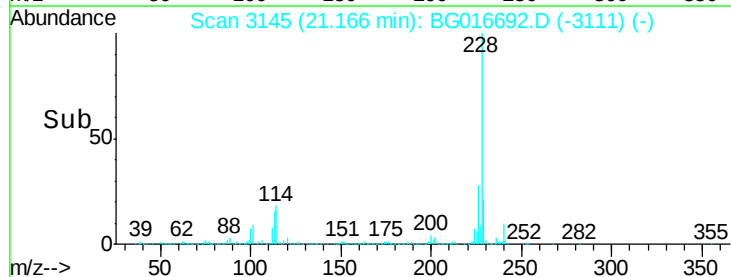
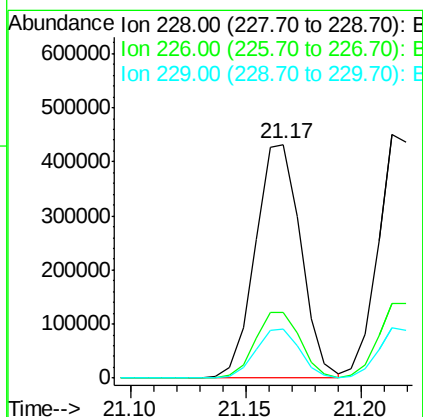
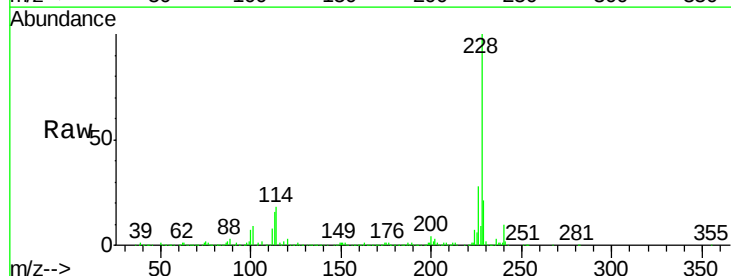
Instrument :
BNA_G
ClientSampleId :
PB82973BS

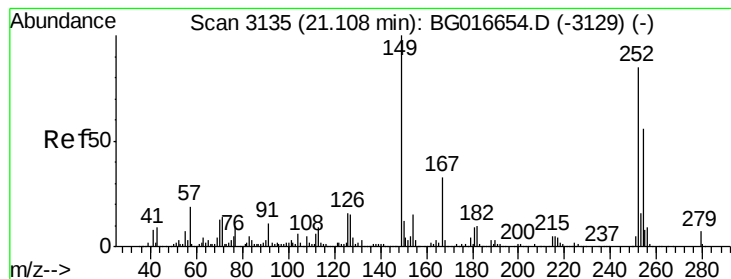
Tgt Ion:149 Resp: 346476
Ion Ratio Lower Upper
149 100
91 70.7 55.4 83.0
206 19.9 16.4 24.6



#80
Benzo(a)anthracene
Concen: 39.91 ng
RT: 21.17 min Scan# 3145
Delta R.T. 0.00 min
Lab File: BG016692.D
Acq: 24 Apr 2015 20:29

Tgt Ion:228 Resp: 589717
Ion Ratio Lower Upper
228 100
226 28.3 23.8 35.6
229 20.8 17.0 25.4





#81

3,3'-Dichlorobenzidine

Concen: 25.29 ng

RT: 21.10 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

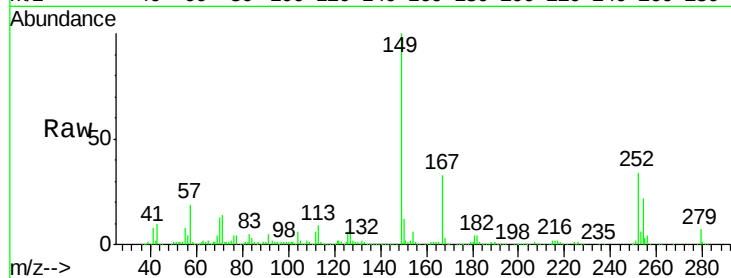
Tgt Ion:252 Resp: 121795

Ion Ratio Lower Upper

252 100

254 66.5 52.7 79.1

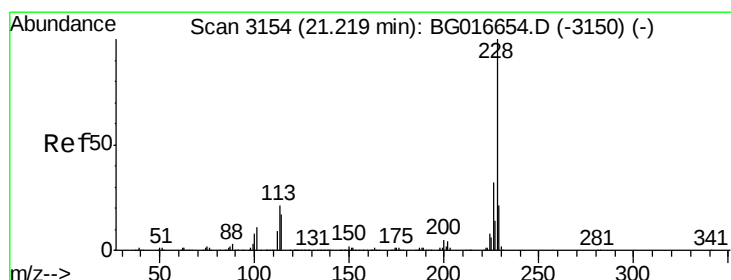
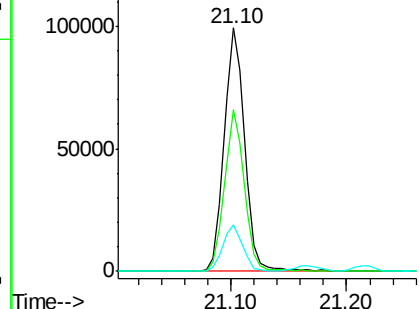
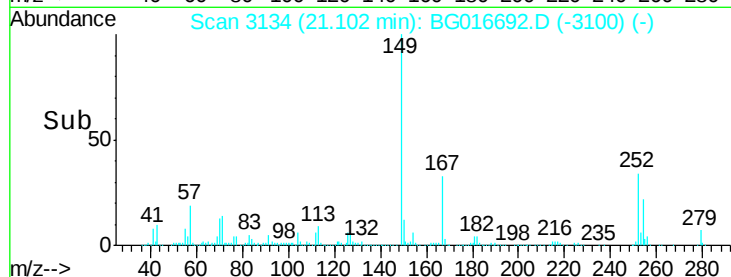
126 18.9 15.3 22.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 39.41 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

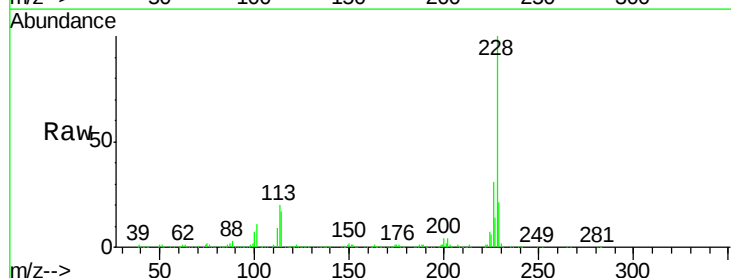
Tgt Ion:228 Resp: 558319

Ion Ratio Lower Upper

228 100

226 30.7 25.4 38.0

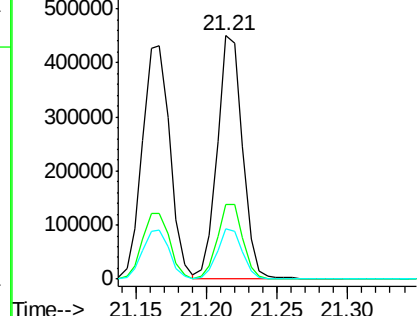
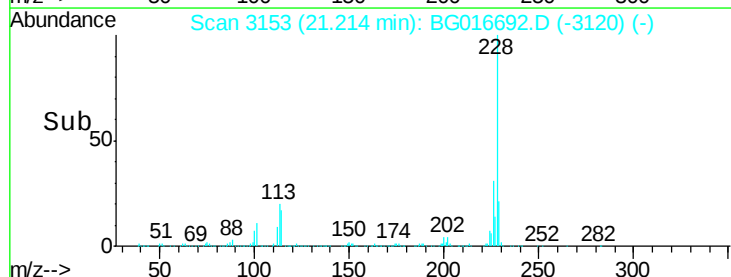
229 20.7 16.5 24.7

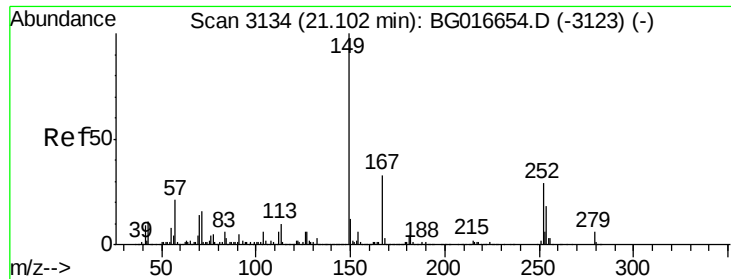


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

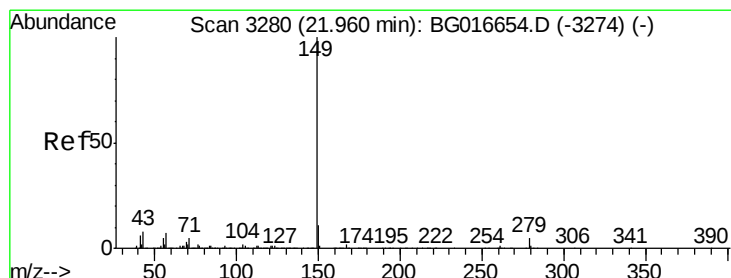
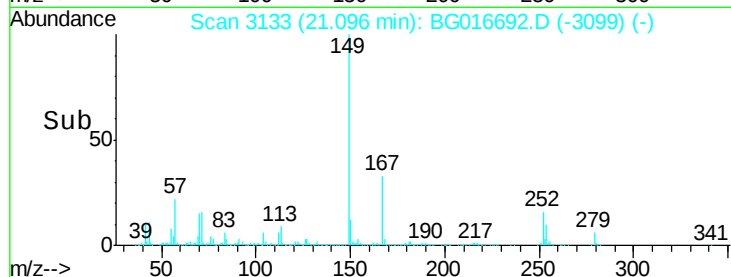
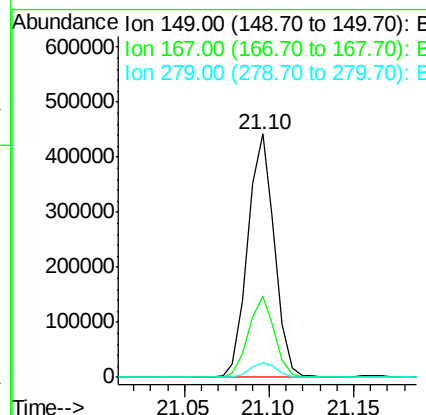
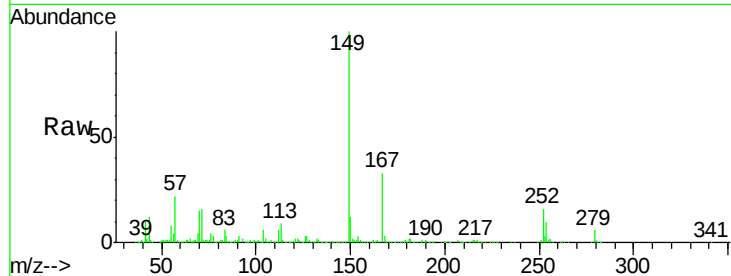




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.32 ng
 RT: 21.10 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

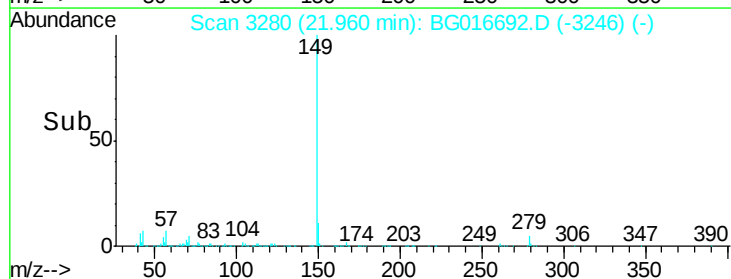
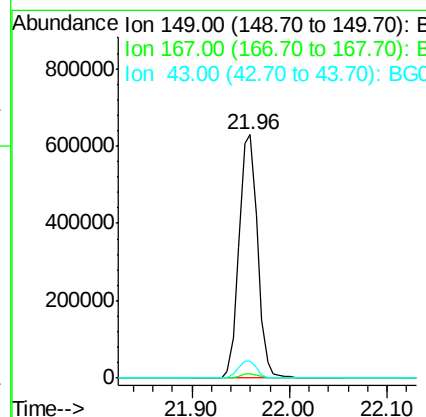
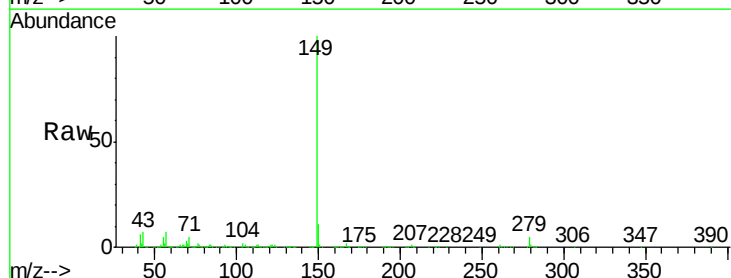
Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

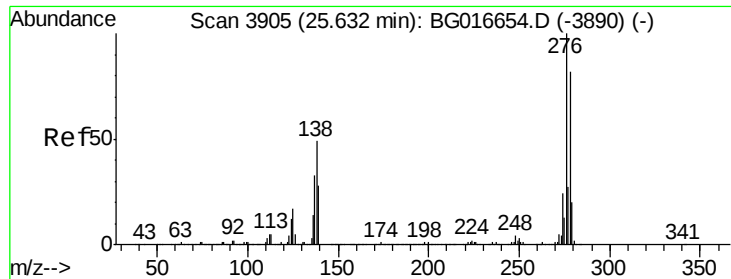
Tgt Ion:149 Resp: 484823
 Ion Ratio Lower Upper
 149 100
 167 33.3 26.6 39.8
 279 6.1 5.1 7.7



#84
 Di-n-octyl phthalate
 Concen: 43.36 ng
 RT: 21.96 min Scan# 3280
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion:149 Resp: 827433
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 7.0 5.7 8.5

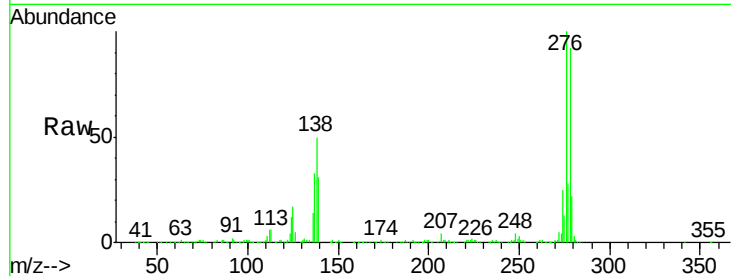




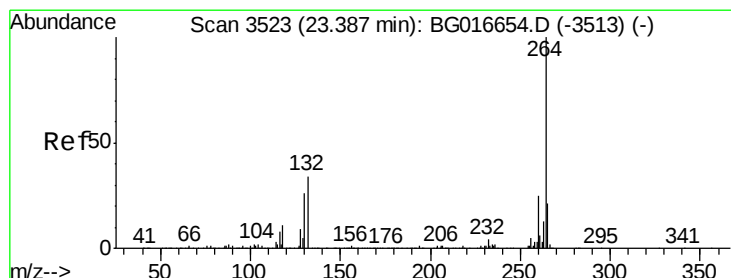
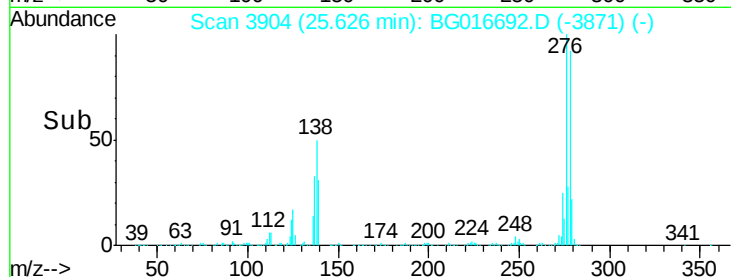
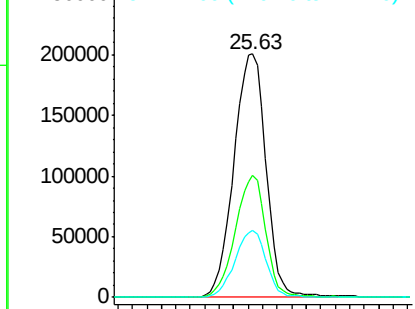
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.02 ng
 RT: 25.63 min Scan# 3904
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion: 276 Resp: 617838
 Ion Ratio Lower Upper
 276 100
 138 47.5 38.2 57.2
 277 26.6 21.4 32.2

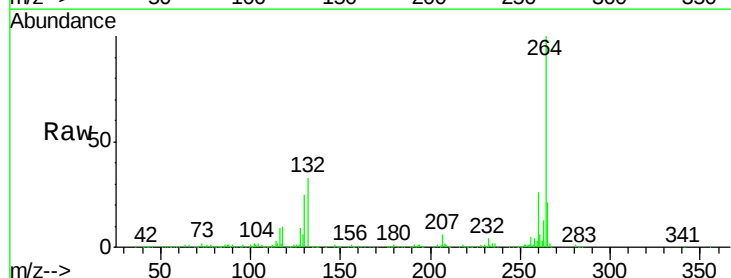


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

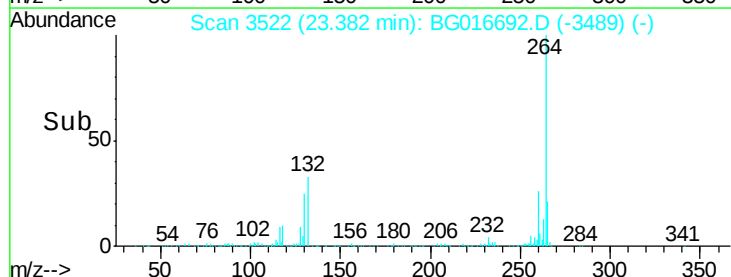
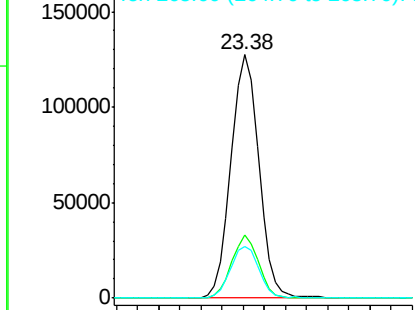


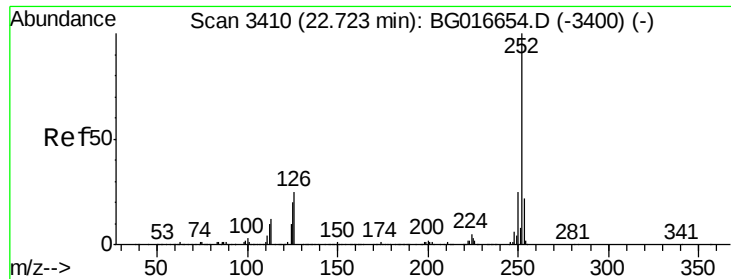
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.38 min Scan# 3522
 Delta R.T. -0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Tgt Ion: 264 Resp: 233625
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.0 30.0
 265 21.4 16.8 25.2



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: 39.48 ng

RT: 22.72 min Scan# 3409

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Instrument :

BNA_G

ClientSampleId :

PB82973BS

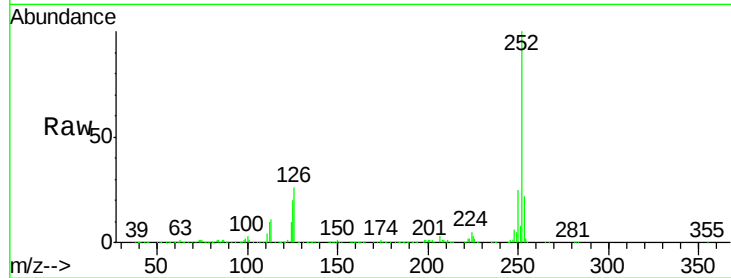
Tgt Ion:252 Resp: 560268

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

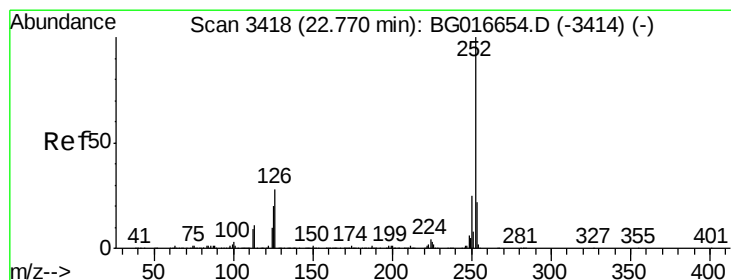
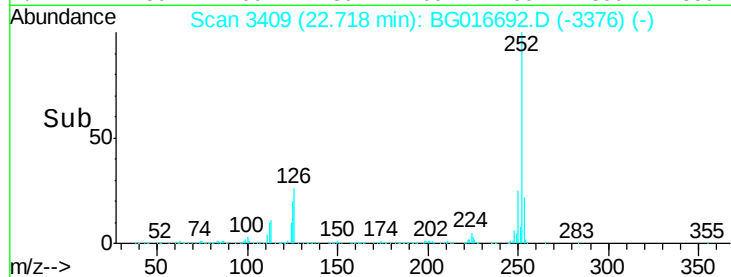
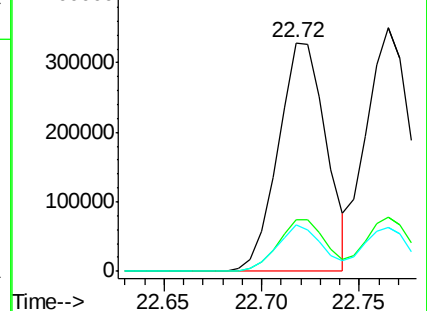
125 20.2 15.8 23.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.13 ng

RT: 22.76 min Scan# 3417

Delta R.T. 0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

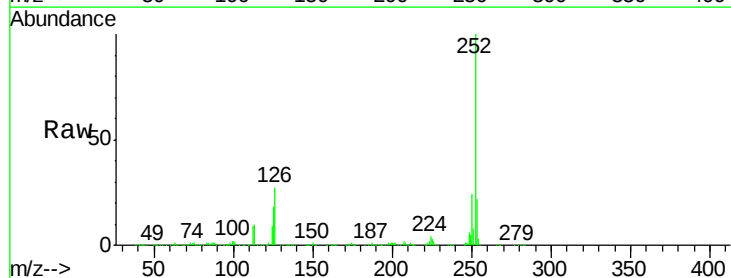
Tgt Ion:252 Resp: 555682

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

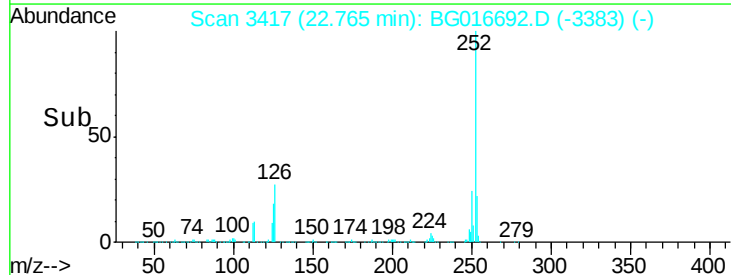
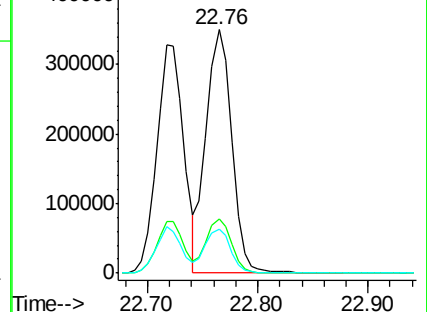
125 17.9 15.5 23.3

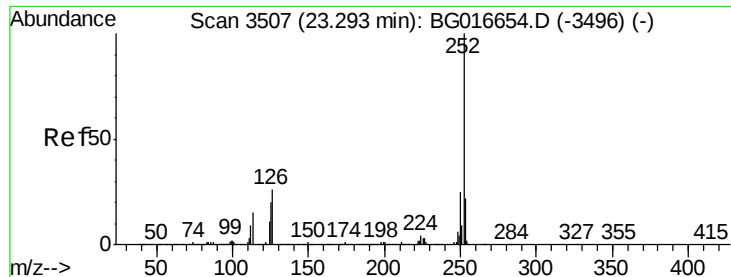


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.70 ng

RT: 23.29 min Scan# 3506

Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

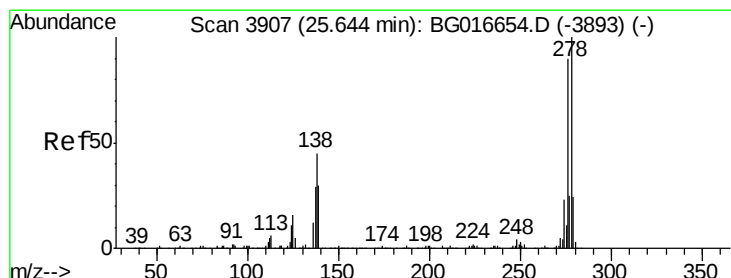
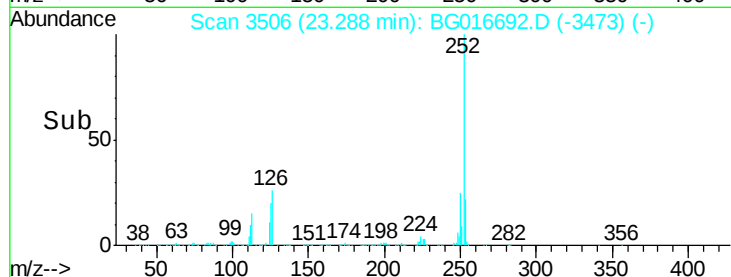
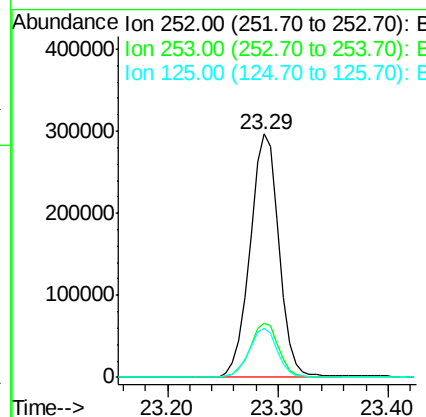
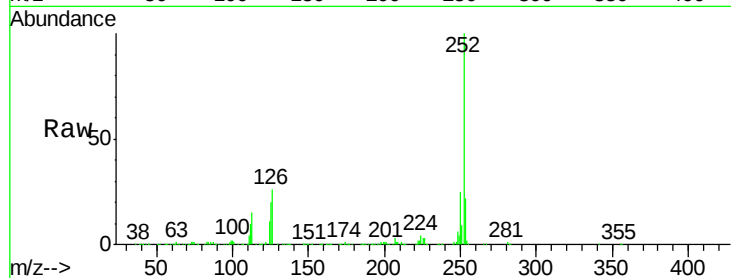
Instrument :

BNA_G

ClientSampleId :

PB82973BS

Tgt Ion:	252	Resp:	544309
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	20.0	16.3	24.5



#90

Dibenzo(a,h)anthracene

Concen: 39.23 ng

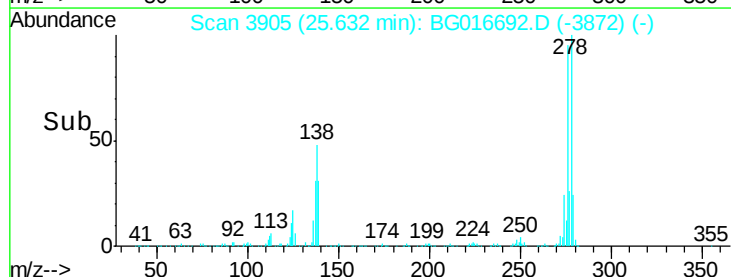
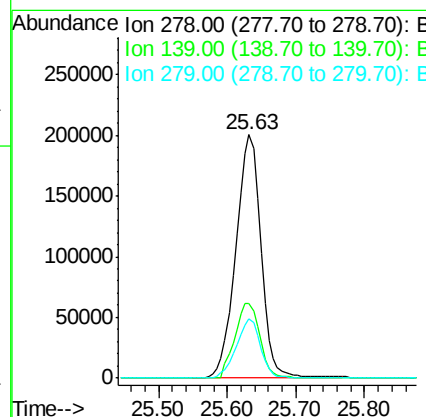
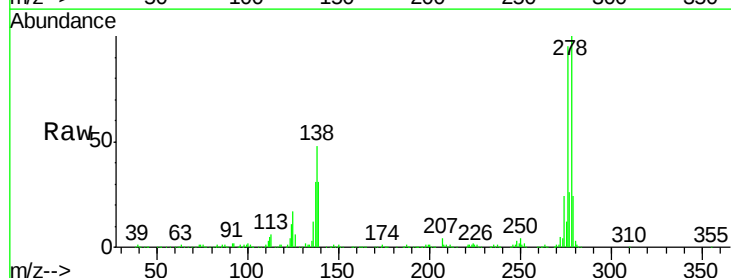
RT: 25.63 min Scan# 3905

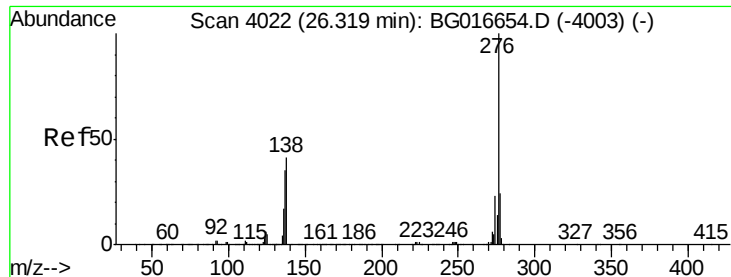
Delta R.T. -0.00 min

Lab File: BG016692.D

Acq: 24 Apr 2015 20:29

Tgt Ion:	278	Resp:	510181
Ion	Ratio	Lower	Upper
278	100		
139	30.9	24.2	36.2
279	24.5	18.9	28.3





#91
 Benzo(g,h,i)perylene
 Concen: 39.88 ng
 RT: 26.31 min Scan# 4021
 Delta R.T. 0.00 min
 Lab File: BG016692.D
 Acq: 24 Apr 2015 20:29

Instrument :
 BNA_G
 ClientSampleId :
 PB82973BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.3	28.9
138	40.6	32.8	49.2

