

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021037.D
 Acq On : 23 Feb 2016 20:29
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

Quant Time: Feb 24 04:05:35 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	4786	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	25047	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	16024	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	36495	20.00	ng	0.00
75) Chrysene-d12	21.82	240	19543	20.00	ng	0.00
86) Perylene-d12	25.13	264	15930	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.79	112	22235	81.45	ng	0.00
7) Phenol-d6	7.41	99	34711	82.56	ng	0.00
23) Nitrobenzene-d5	9.39	82	35901	84.16	ng	0.00
41) 2,4,6-Tribromophenol	16.31	330	15499	80.74	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	90556	78.67	ng	0.00
78) Terphenyl-d14	20.14	244	108909	72.32	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	3026	42.93	ng	92
3) Pyridine	4.04	79	10726	42.96	ng	94
4) n-Nitrosodimethylamine	3.94	42	4537	44.19	ng	90
6) Aniline	7.55	93	21590	43.55	ng	97
8) 2-Chlorophenol	7.79	128	13320	40.66	ng	97
9) Benzaldehyde	7.35	77	10103	49.69	ng	100
10) Phenol	7.44	94	18429	42.02	ng	97
11) bis(2-Chloroethyl)ether	7.63	93	14074	39.97	ng	98
12) 1,3-Dichlorobenzene	8.09	146	14556	39.24	ng	98
13) 1,4-Dichlorobenzene	8.24	146	15488	40.00	ng	98
14) 1,2-Dichlorobenzene	8.56	146	14588	40.57	ng	98
15) Benzyl Alcohol	8.47	79	13576	47.42	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.74	45	23275	39.26	ng	97
17) 2-Methylphenol	8.68	107	12566	42.10	ng	94
18) Hexachloroethane	9.29	117	5546	39.89	ng	90
19) n-Nitroso-di-n-propylamine	9.02	70	13174	44.54	ng	96
20) 3+4-Methylphenols	9.02	107	17394	42.05	ng	95
22) Acetophenone	9.05	105	22868	39.46	ng	99
24) Nitrobenzene	9.43	77	18508	39.99	ng	98
25) Isophorone	9.96	82	36646	41.66	ng	99
26) 2-Nitrophenol	10.14	139	8486	41.35	ng	89
27) 2,4-Dimethylphenol	10.21	122	15186	41.02	ng	98
28) bis(2-Chloroethoxy)methane	10.43	93	20209	42.51	ng	98
29) 2,4-Dichlorophenol	10.69	162	13920	41.08	ng	96
30) 1,2,4-Trichlorobenzene	10.88	180	14153	38.94	ng	95
31) Naphthalene	11.08	128	52968	40.44	ng	97
32) Benzoic acid	10.37	122	10269	36.67	ng	87
33) 4-Chloroaniline	11.21	127	22488	42.90	ng	99
34) Hexachlorobutadiene	11.34	225	8213	40.68	ng	88
35) Caprolactam	12.04	113	5482	41.29	ng	93
36) 4-Chloro-3-methylphenol	12.33	107	18183	42.36	ng	91
37) 2-Methylnaphthalene	12.66	142	40581	42.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	13.02	216	17280	39.00	ng	99
40) Hexachlorocyclopentadiene	12.99	237	10990	43.82	ng	96

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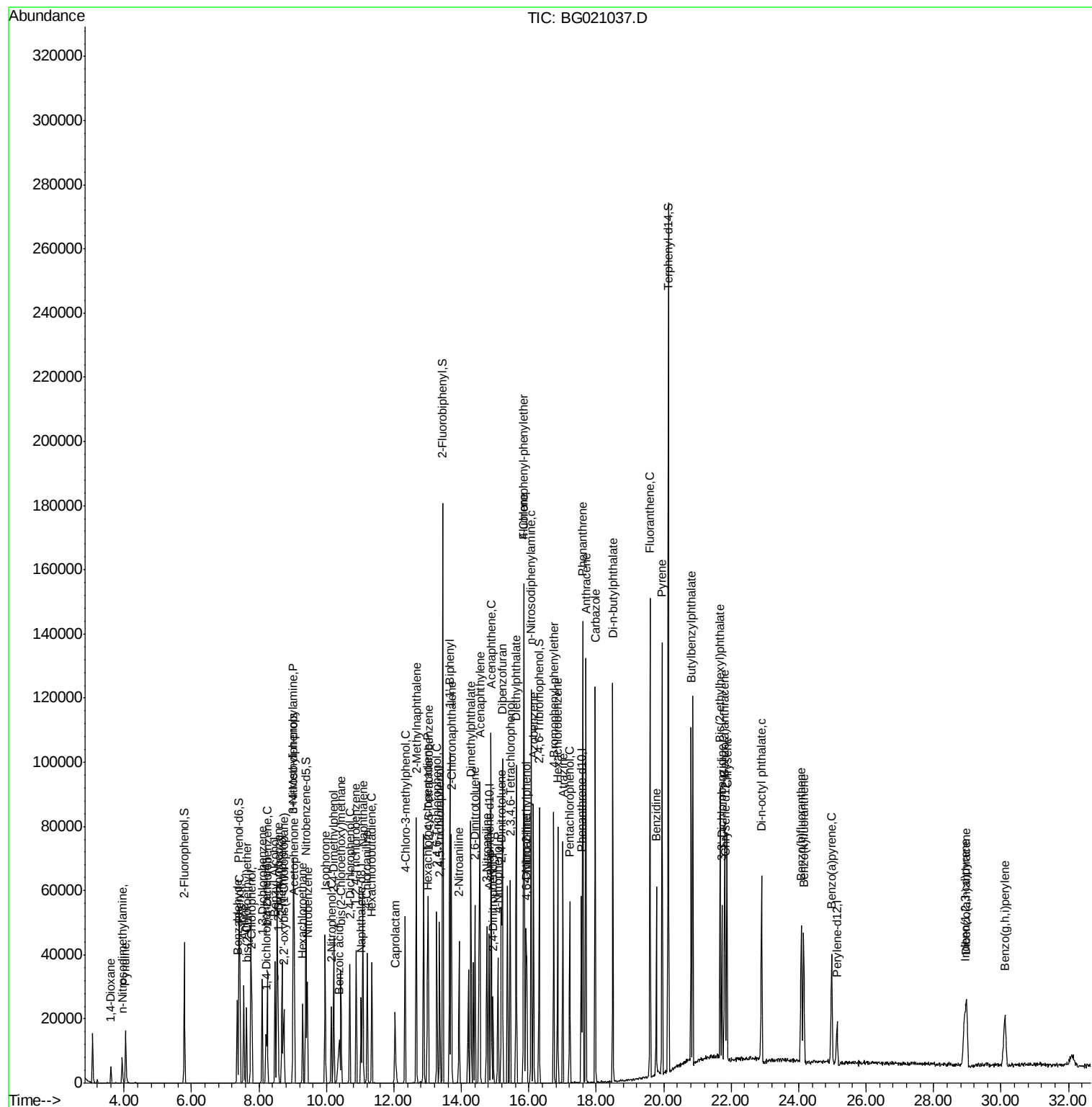
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.28	196	12664	40.21	ng	94
43) 2,4,5-Trichlorophenol	13.35	196	13657	42.26	ng	93
45) 1,1'-Biphenyl	13.66	154	53670	38.61	ng	97
46) 2-Chloronaphthalene	13.70	162	38172	39.25	ng	99
47) 2-Nitroaniline	13.93	65	13057	44.49	ng	93
48) Acenaphthylene	14.54	152	70056	39.40	ng	99
49) Dimethylphthalate	14.28	163	51884	39.71	ng	100
50) 2,6-Dinitrotoluene	14.40	165	11410	42.65	ng	94
51) Acenaphthene	14.89	154	41076	40.18	ng	95
52) 3-Nitroaniline	14.76	138	13599	44.25	ng	# 89
53) 2,4-Dinitrophenol	14.94	184	5947	38.68	ng	99
54) Dibenzofuran	15.21	168	63776	43.93	ng	96
55) 4-Nitrophenol	15.09	139	10949	41.32	ng	96
56) 2,4-Dinitrotoluene	15.19	165	15294	39.79	ng	97
57) Fluorene	15.86	166	54648	39.84	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.45	232	12337	45.65	ng	96
59) Diethylphthalate	15.63	149	57755	40.32	ng	98
60) 4-Chlorophenyl-phenylether	15.85	204	24517	38.76	ng	99
61) 4-Nitroaniline	15.91	138	13226	41.10	ng	95
62) Azobenzene	16.14	77	56101	45.19	ng	97
64) 4,6-Dinitro-2-methylphenol	15.94	198	8892	40.22	ng	98
65) n-Nitrosodiphenylamine	16.07	169	45493	41.41	ng	99
66) 4-Bromophenyl-phenylether	16.74	248	15249	39.71	ng	93
67) Hexachlorobenzene	16.85	284	17255	41.04	ng	96
68) Atrazine	17.01	200	12940	37.57	ng	97
69) Pentachlorophenol	17.21	266	9773	40.29	ng	91
70) Phenanthrene	17.60	178	86158	41.73	ng	98
71) Anthracene	17.69	178	83990	40.83	ng	99
72) Carbazole	17.97	167	77606	41.87	ng	98
73) Di-n-butylphthalate	18.49	149	92414	40.92	ng	100
74) Fluoranthene	19.59	202	85254	41.07	ng	99
76) Benzidine	19.78	184	35300	35.51	ng	97
77) Pyrene	19.95	202	80730	36.15	ng	99
79) Butylbenzylphthalate	20.81	149	30620	38.89	ng	99
80) Benzo(a)anthracene	21.80	228	48317	41.23	ng	98
81) 3,3'-Dichlorobenzidine	21.72	252	18044	41.70	ng	95
82) Chrysene	21.87	228	42565	38.93	ng	97
83) Bis(2-ethylhexyl)phthalate	21.67	149	34661	40.33	ng	100
84) Di-n-octyl phthalate	22.90	149	50513	41.30	ng	# 100
85) Indeno(1,2,3-cd)pyrene	28.93	276	40506	41.19	ng	# 100
87) Benzo(b)fluoranthene	24.08	252	42959	40.90	ng	95
88) Benzo(k)fluoranthene	24.15	252	39053	39.41	ng	96
89) Benzo(a)pyrene	24.98	252	39076	41.52	ng	# 94
90) Dibenzo(a,h)anthracene	28.98	278	34075	40.20	ng	96
91) Benzo(g,h,i)perylene	30.12	276	33657	39.79	ng	97

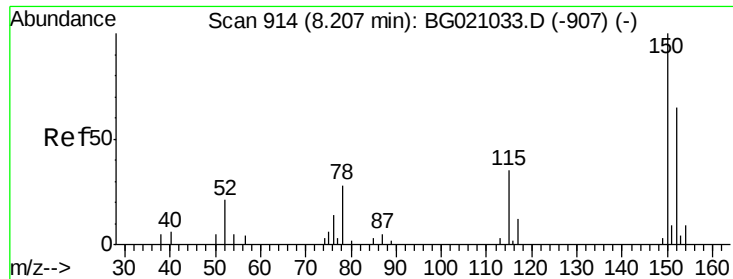
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

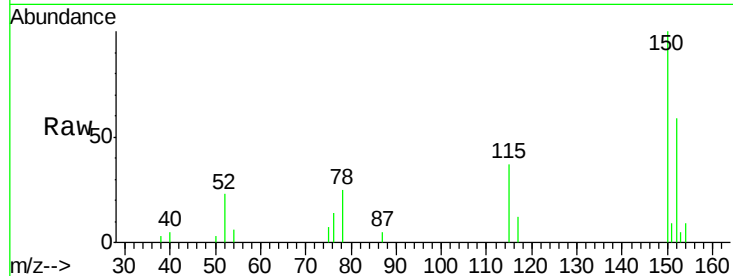
Tgt Ion:152 Resp: 4786

Ion Ratio Lower Upper

152 100

150 170.6 123.4 185.2

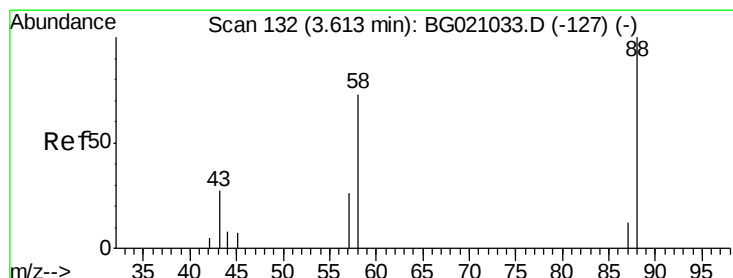
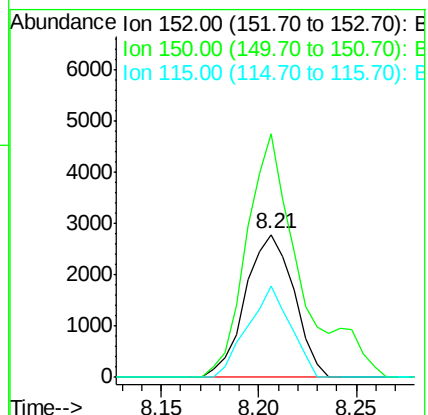
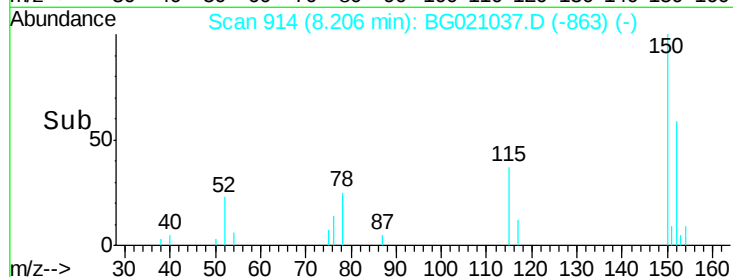
115 63.6 43.3 64.9



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: 42.93 ng

RT: 3.61 min Scan# 131

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

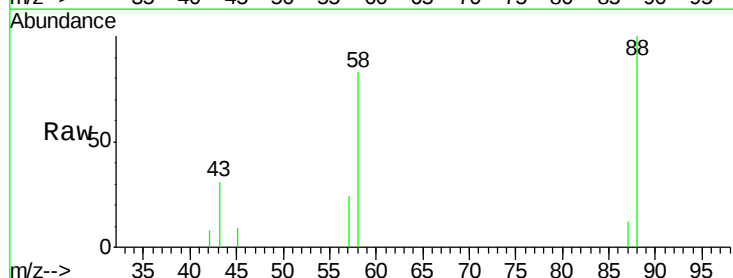
Tgt Ion: 88 Resp: 3026

Ion Ratio Lower Upper

88 100

58 79.3 55.9 83.9

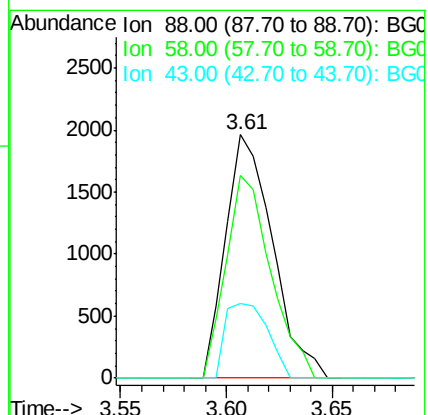
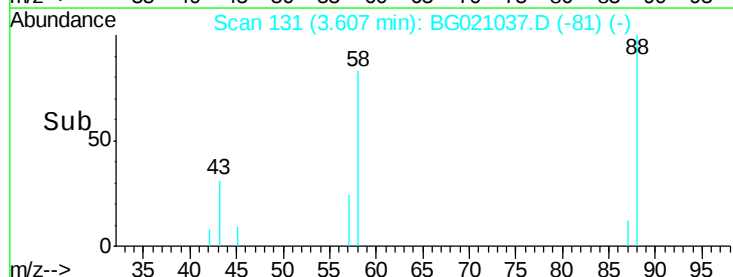
43 27.7 22.5 33.7

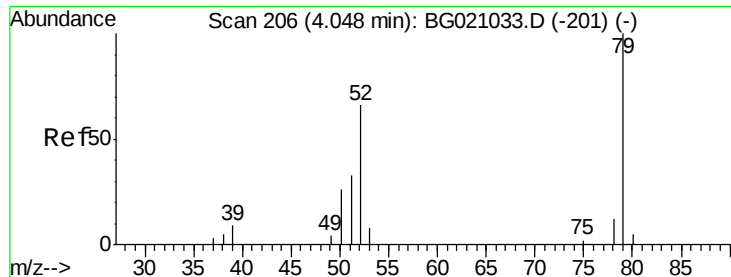


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

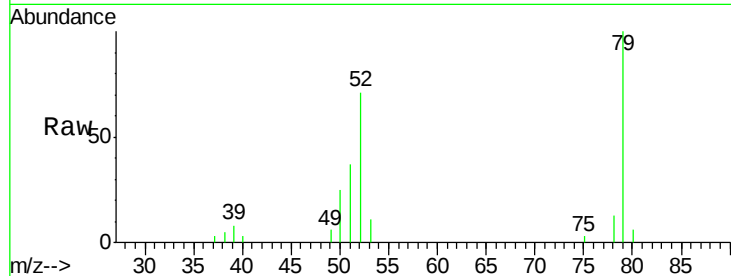




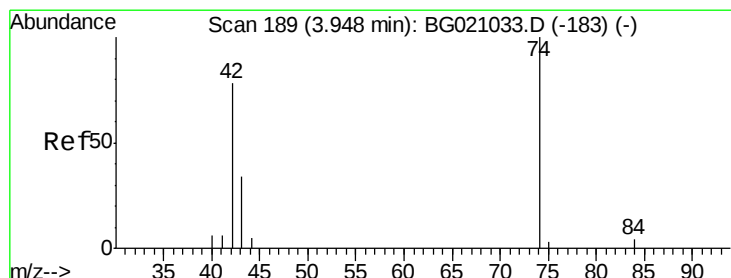
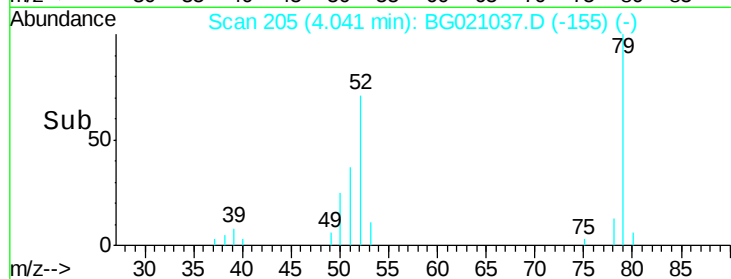
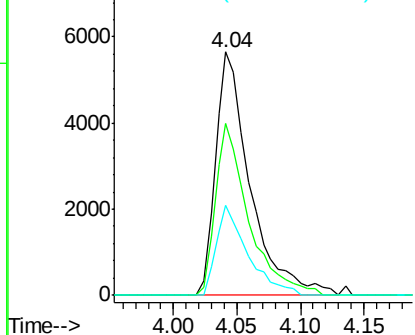
#3
 Pyridine
 Concen: 42.96 ng
 RT: 4.04 min Scan# 205
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

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 ICVBG022316

Tgt Ion: 79 Resp: 10726
 Ion Ratio Lower Upper
 79 100
 52 70.6 53.2 79.8
 51 37.1 26.1 39.1

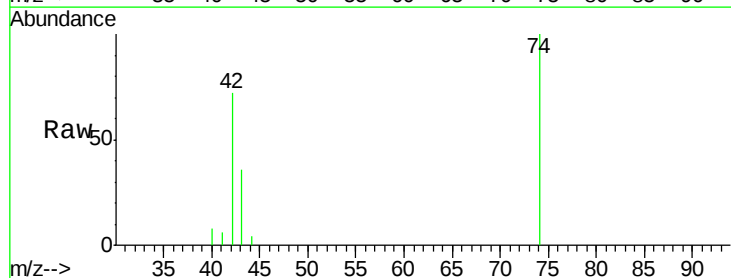


Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC

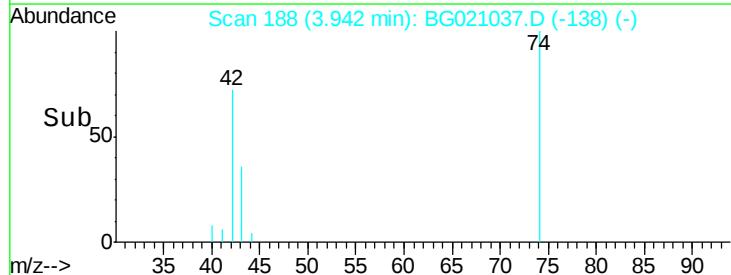
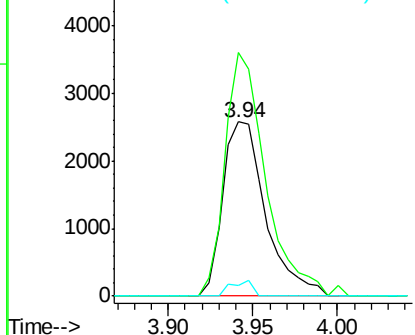


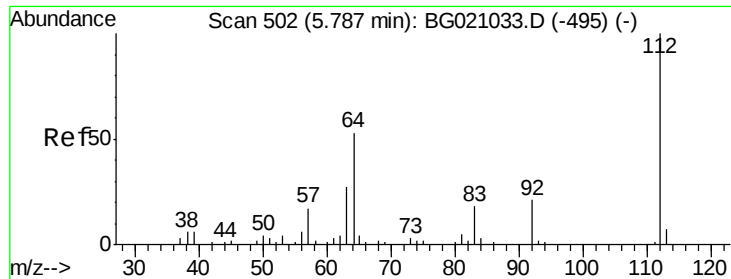
#4
 n-Nitrosodimethylamine
 Concen: 44.19 ng
 RT: 3.94 min Scan# 188
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion: 42 Resp: 4537
 Ion Ratio Lower Upper
 42 100
 74 139.8 102.3 153.5
 44 6.1 4.8 7.2



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: 81.45 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

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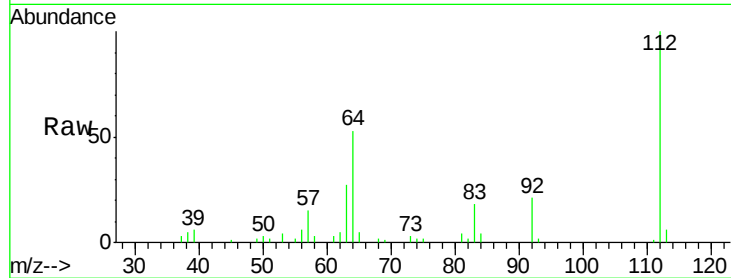
Tgt Ion: 112 Resp: 22235

Ion Ratio Lower Upper

112 100

64 53.1 42.6 63.8

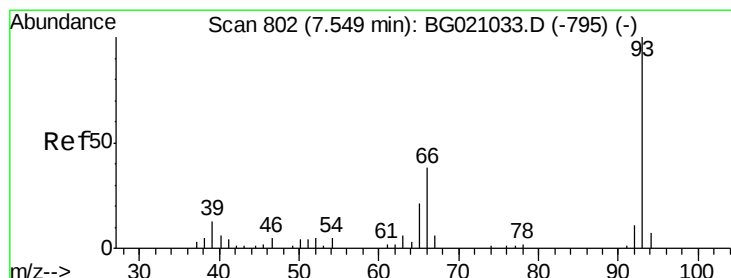
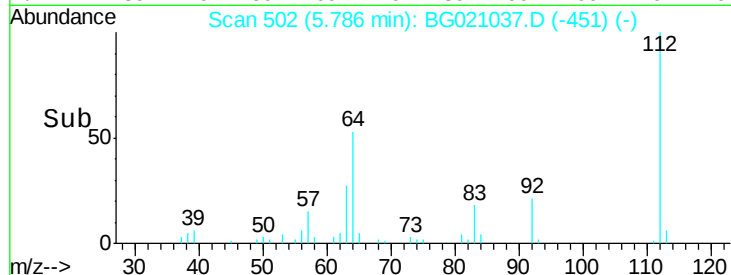
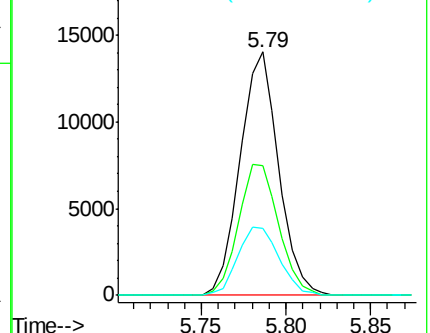
63 27.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 43.55 ng

RT: 7.55 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

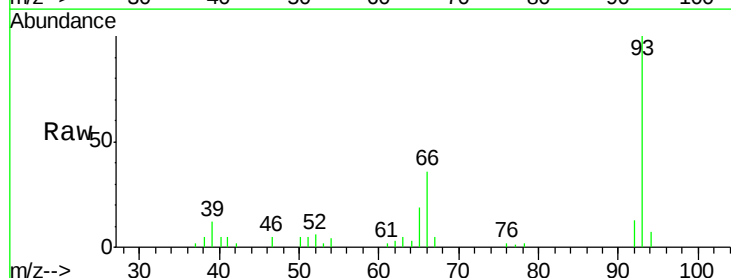
Tgt Ion: 93 Resp: 21590

Ion Ratio Lower Upper

93 100

66 35.7 30.1 45.1

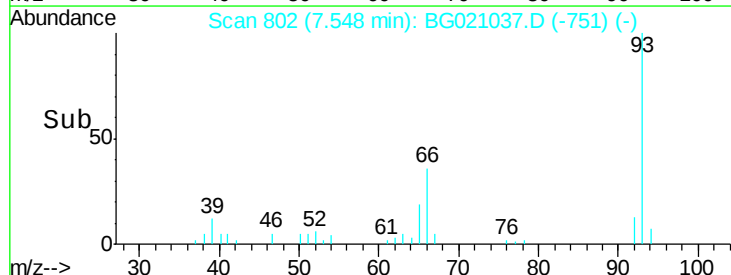
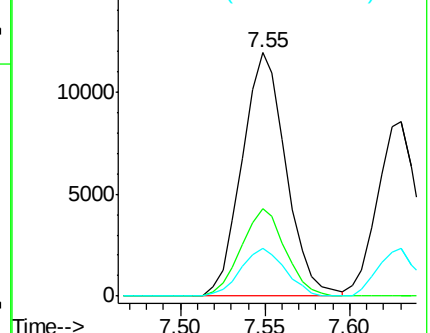
65 19.5 16.6 24.8

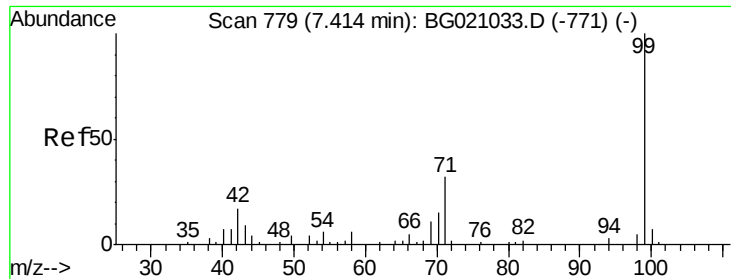


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 82.56 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

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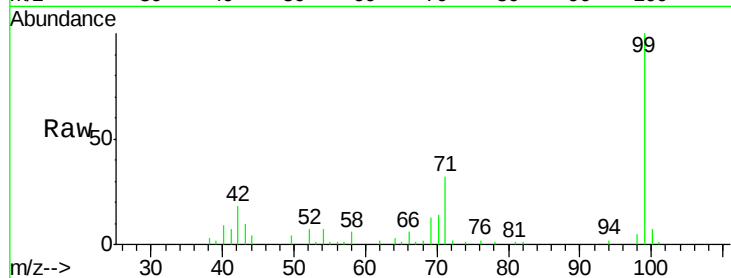
Tgt Ion: 99 Resp: 34711

Ion Ratio Lower Upper

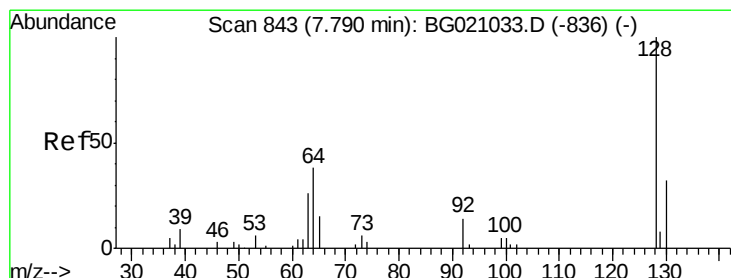
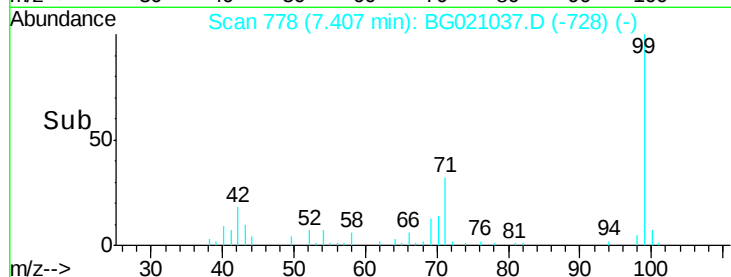
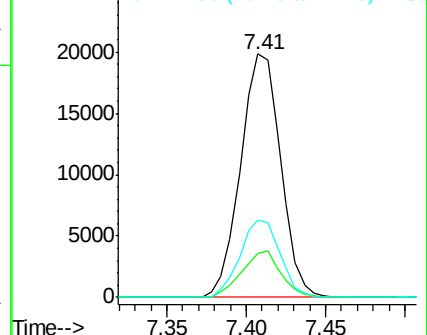
99 100

42 17.8 13.2 19.8

71 31.7 25.2 37.8



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



#8

2-Chlorophenol

Concen: 40.66 ng

RT: 7.79 min Scan# 843

Delta R.T. -0.00 min

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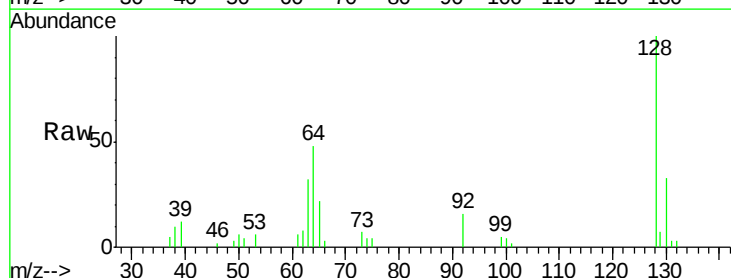
Tgt Ion: 128 Resp: 13320

Ion Ratio Lower Upper

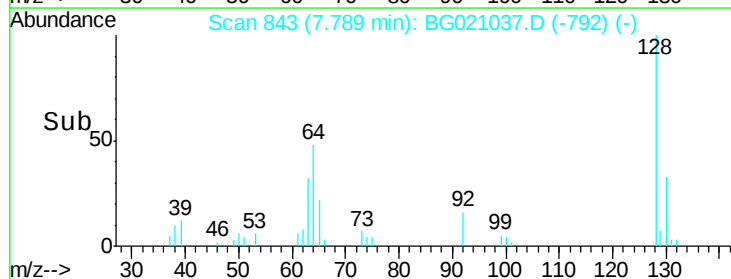
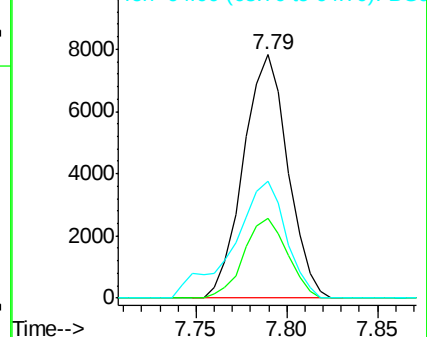
128 100

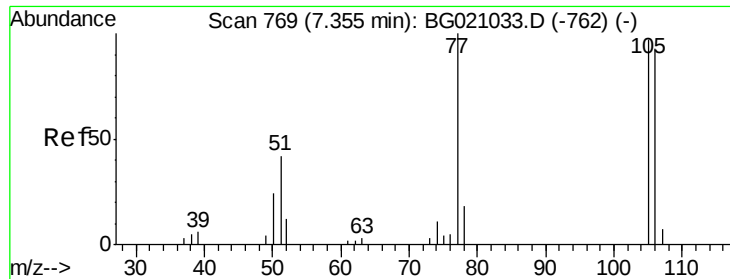
130 33.0 11.9 51.9

64 48.2 25.8 65.8



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: 49.69 ng

RT: 7.35 min Scan# 769

Delta R.T. -0.00 min

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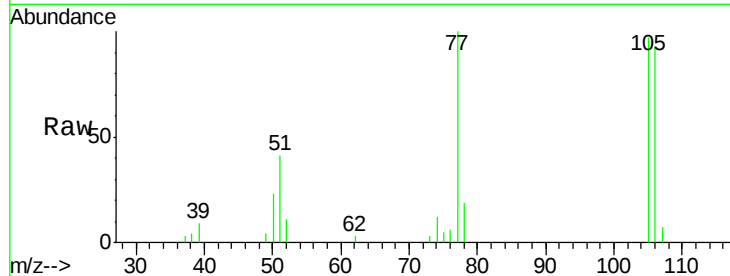
Tgt Ion: 77 Resp: 10103

Ion Ratio Lower Upper

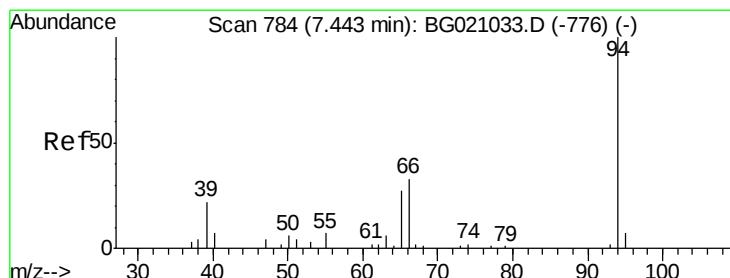
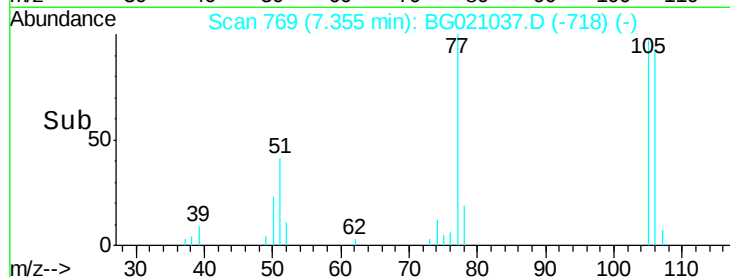
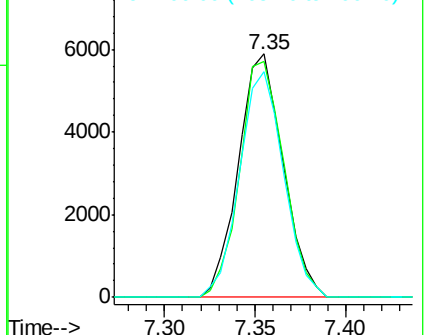
77 100

105 97.1 77.4 117.4

106 92.6 72.8 112.8



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: 42.02 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

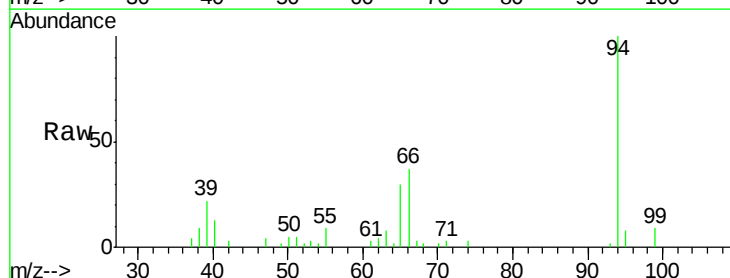
Tgt Ion: 94 Resp: 18429

Ion Ratio Lower Upper

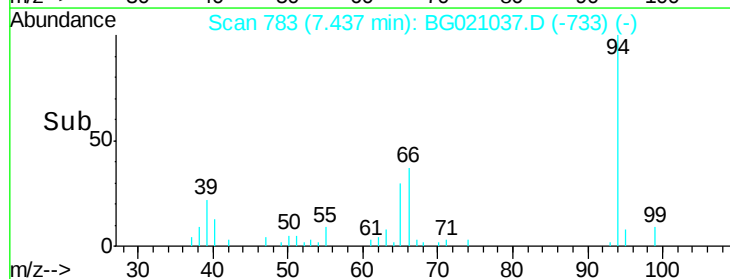
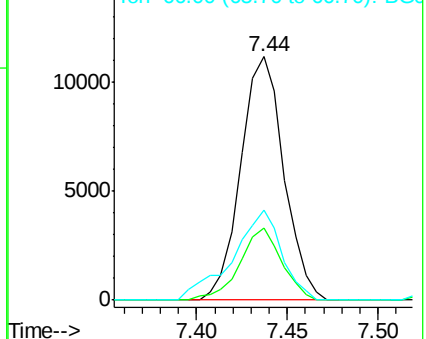
94 100

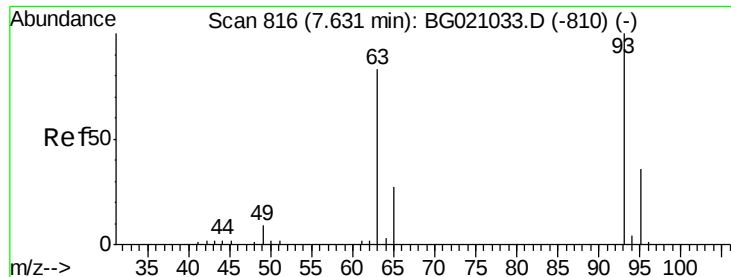
65 29.6 7.2 47.2

66 36.9 15.4 55.4



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

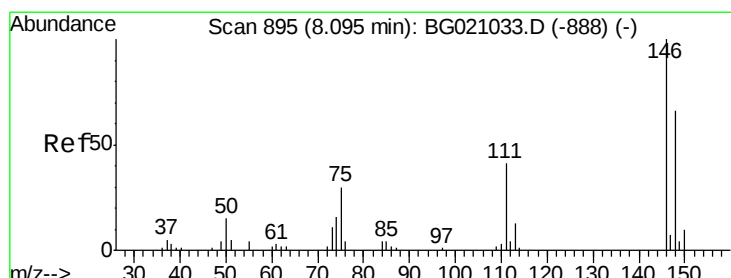
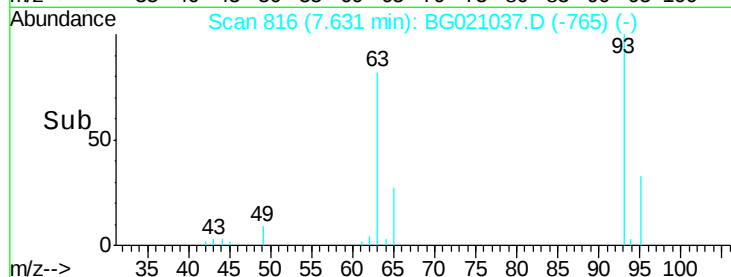
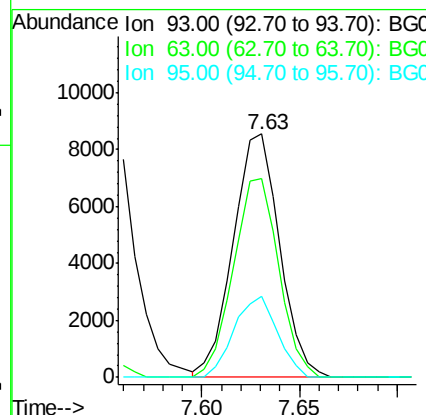
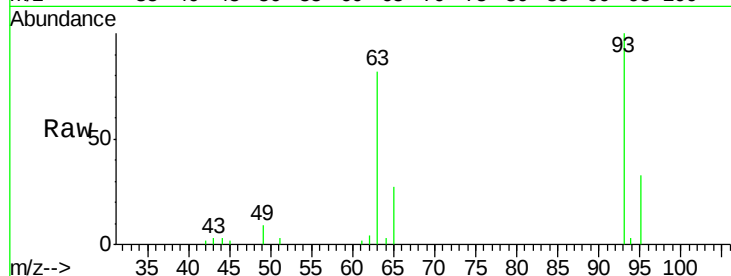




#11
bis(2-Chloroethyl)ether
Concen: 39.97 ng
RT: 7.63 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

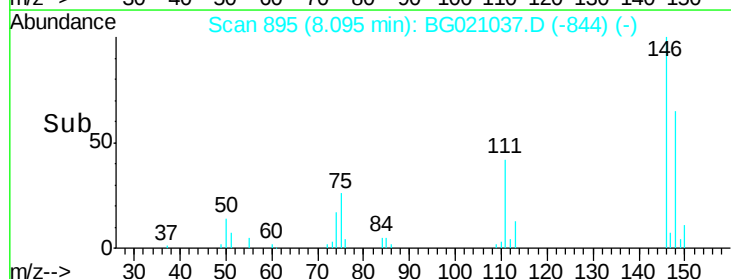
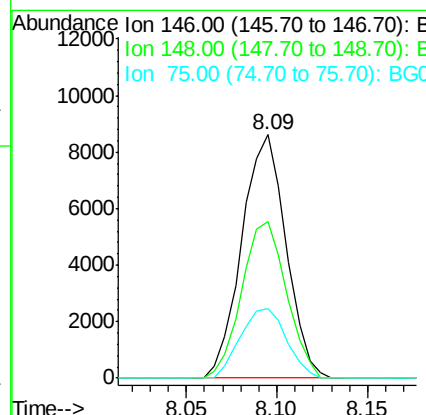
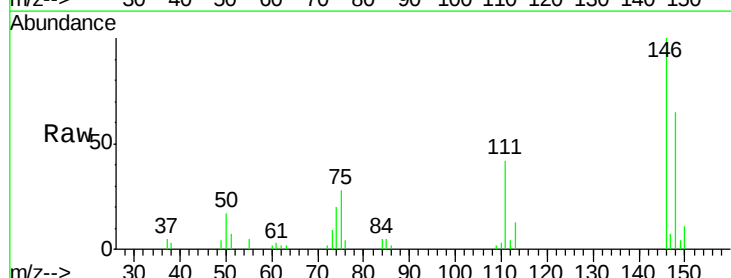
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

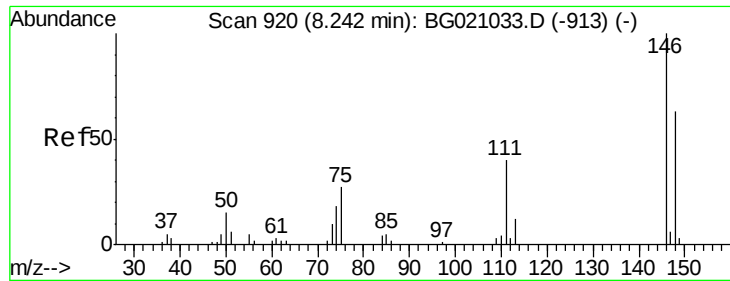
Tgt Ion: 93 Resp: 14074
Ion Ratio Lower Upper
93 100
63 81.8 60.5 100.5
95 33.1 14.6 54.6



#12
1,3-Dichlorobenzene
Concen: 39.24 ng
RT: 8.09 min Scan# 895
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion: 146 Resp: 14556
Ion Ratio Lower Upper
146 100
148 64.5 52.6 78.8
75 28.5 24.0 36.0

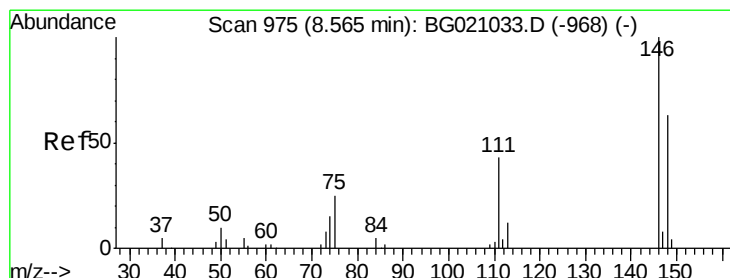
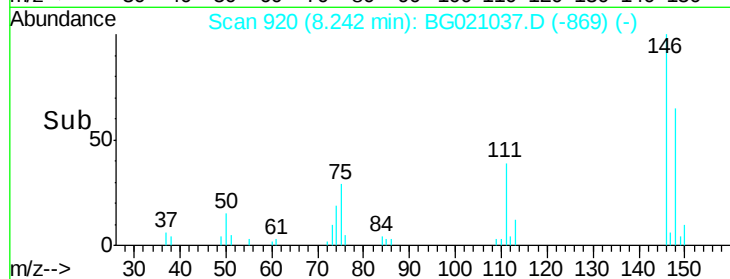
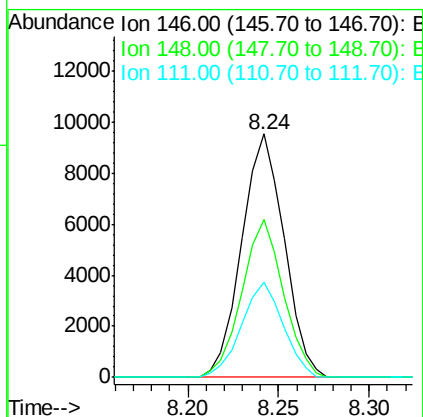
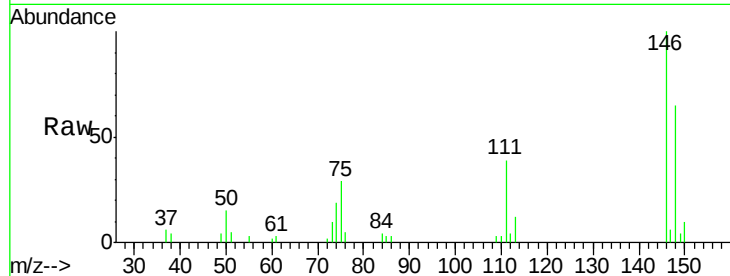




#13
 1,4-Dichlorobenzene
 Concen: 40.00 ng
 RT: 8.24 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

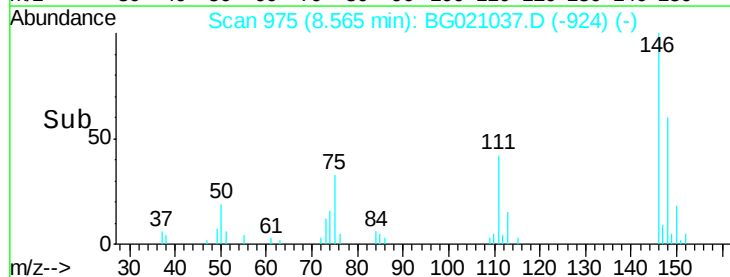
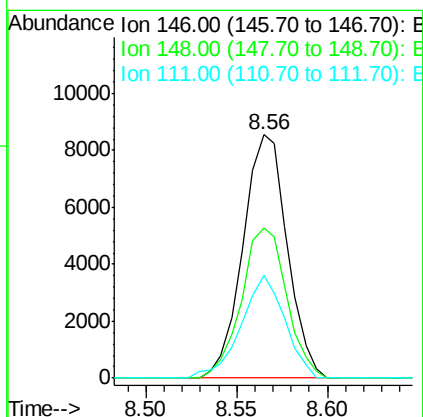
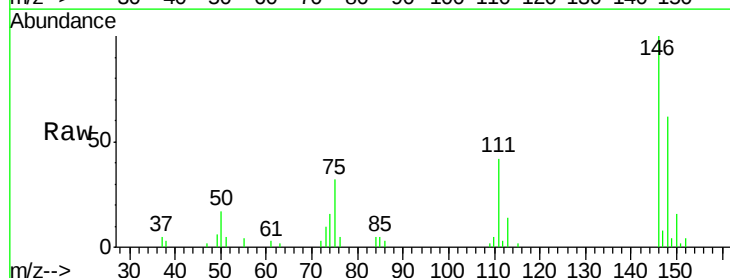
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

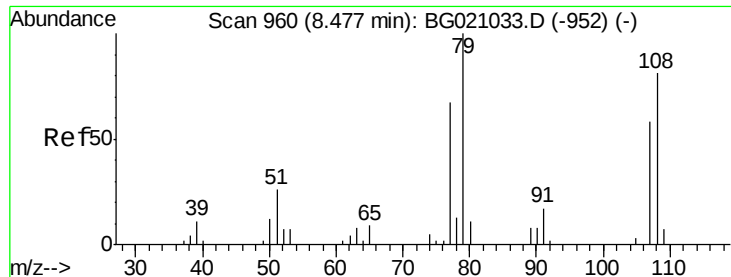
Tgt Ion:146 Resp: 15488
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.2 75.4
 111 39.0 31.9 47.9



#14
 1,2-Dichlorobenzene
 Concen: 40.57 ng
 RT: 8.56 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:146 Resp: 14588
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.5 75.7
 111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 47.42 ng

RT: 8.47 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

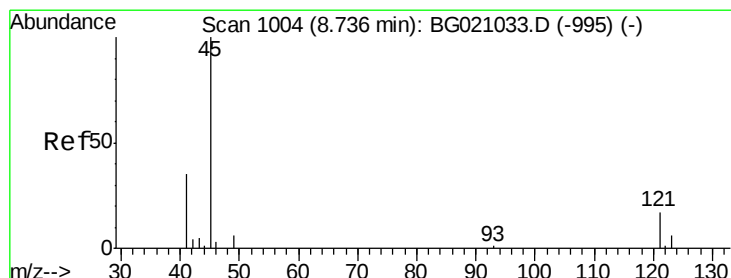
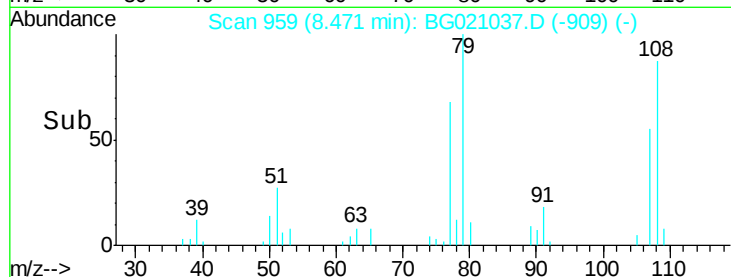
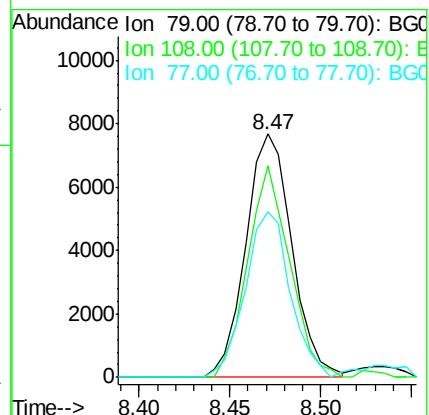
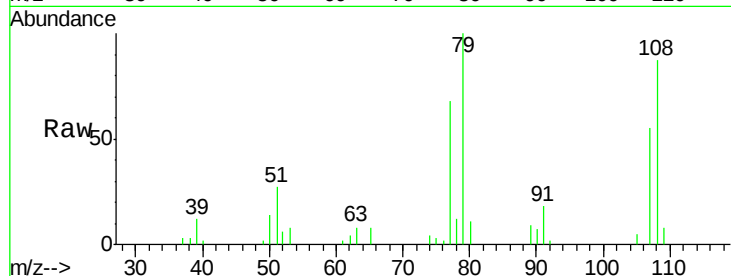
Tgt Ion: 79 Resp: 13576

Ion Ratio Lower Upper

79 100

108 86.8 65.1 97.7

77 67.9 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.26 ng

RT: 8.74 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

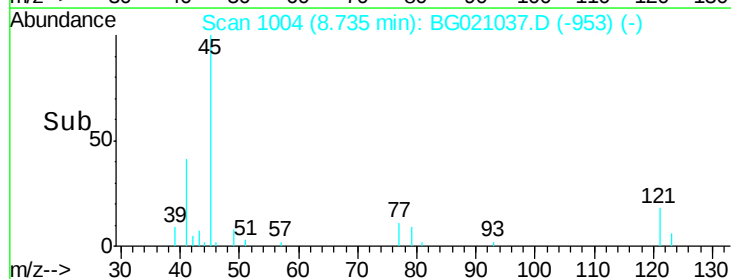
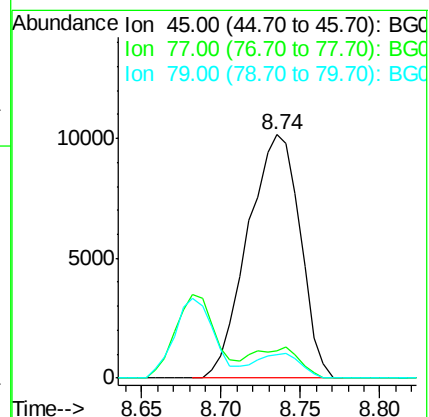
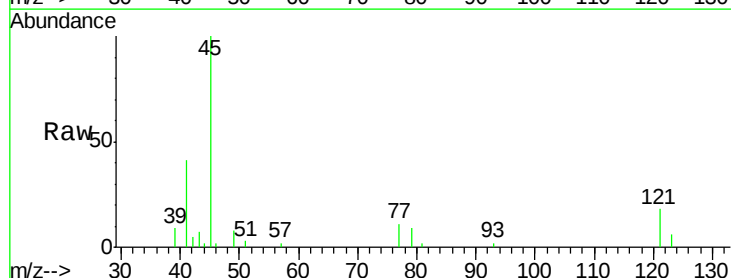
Tgt Ion: 45 Resp: 23275

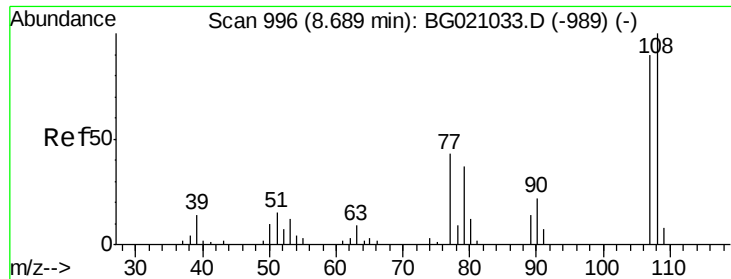
Ion Ratio Lower Upper

45 100

77 11.4 0.0 33.3

79 9.4 0.0 29.6

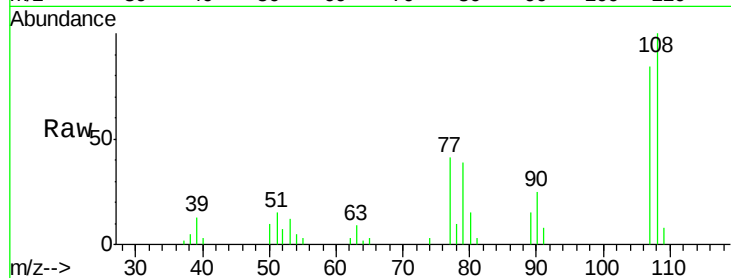




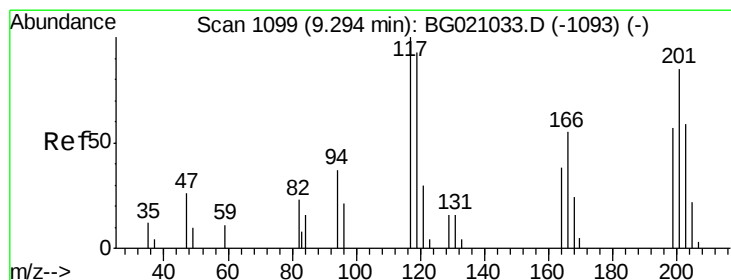
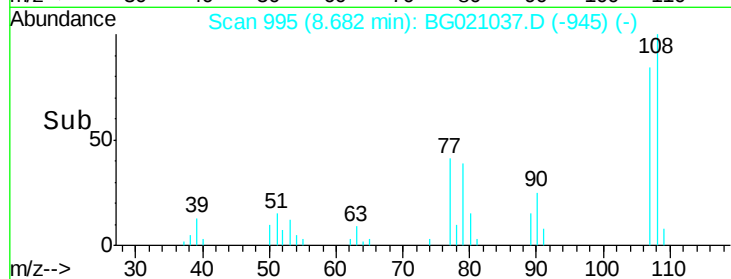
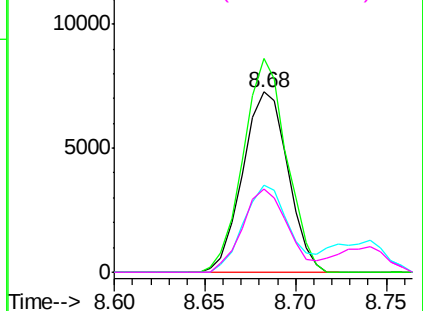
#17
2-Methylphenol
Concen: 42.10 ng
RT: 8.68 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Instrument :
BNA_G
ClientSampleId :
ICVBG022316

Tgt Ion:	107	Resp:	12566
Ion	Ratio	Lower	Upper
107	100		
108	118.5	88.8	133.2
77	48.0	38.0	57.0
79	46.0	32.6	49.0

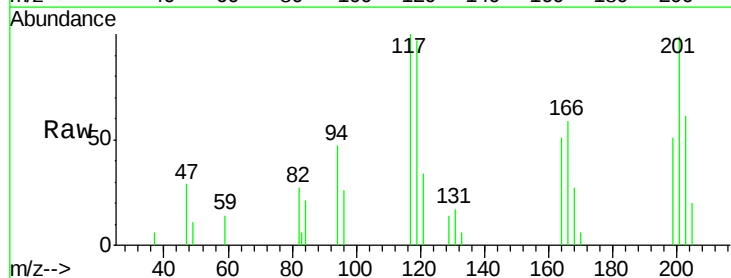


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

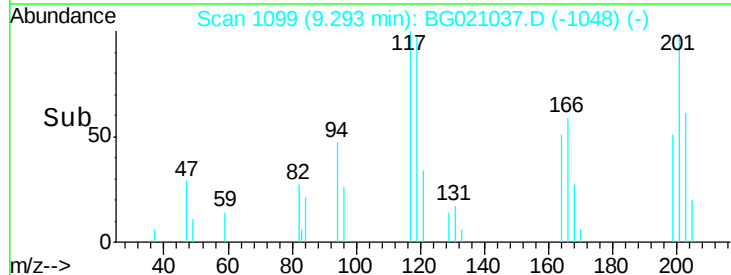
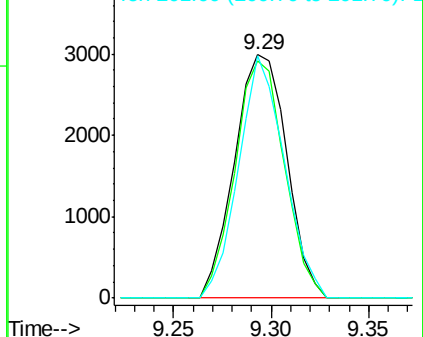


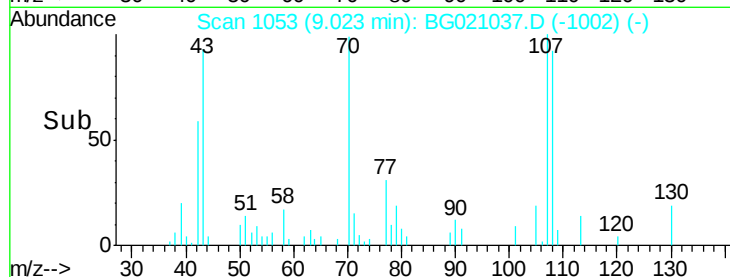
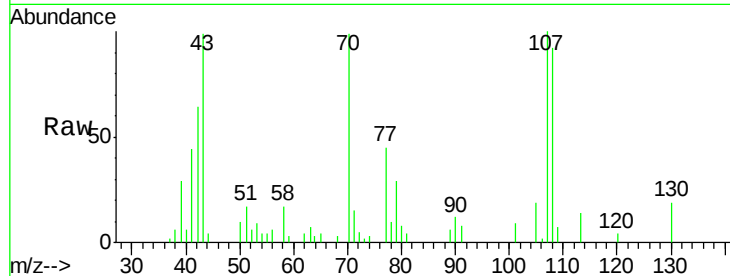
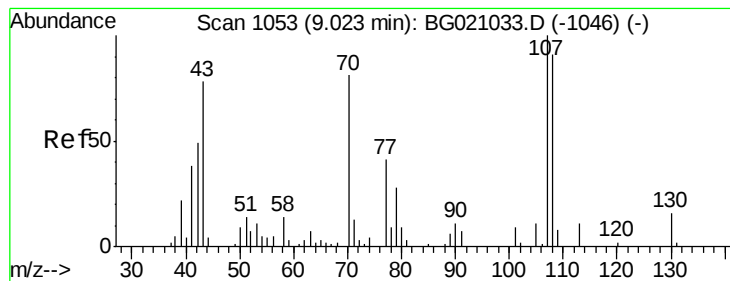
#18
Hexachloroethane
Concen: 39.89 ng
RT: 9.29 min Scan# 1099
Delta R.T. 0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:	117	Resp:	5546
Ion	Ratio	Lower	Upper
117	100		
119	97.4	74.5	111.7
201	99.5	68.2	102.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 44.54 ng

RT: 9.02 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

Tgt Ion: 70 Resp: 13174

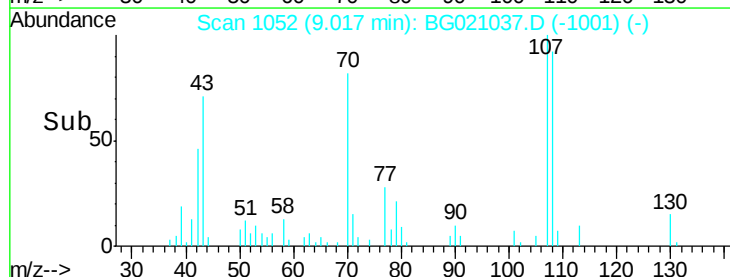
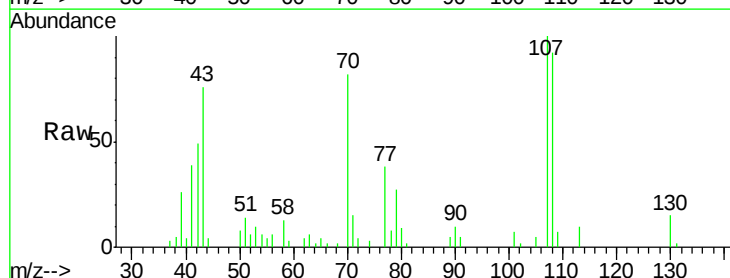
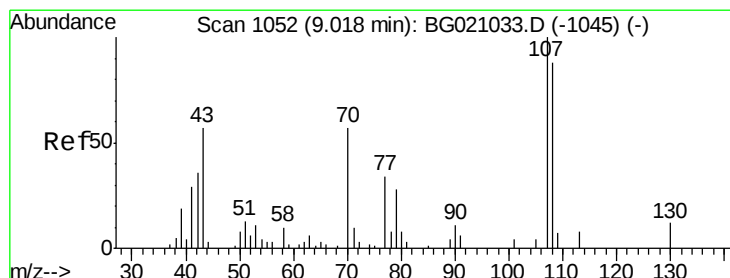
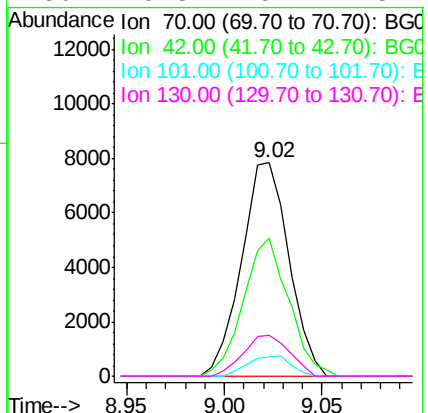
Ion Ratio Lower Upper

70 100

42 64.5 48.8 73.2

101 8.9 8.5 12.7

130 19.3 15.4 23.2



#20

3+4-Methylphenols

Concen: 42.05 ng

RT: 9.02 min Scan# 1052

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Tgt Ion: 107 Resp: 17394

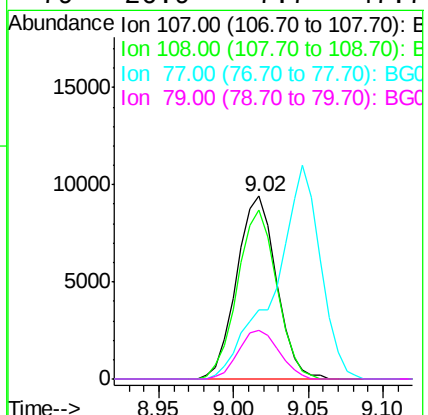
Ion Ratio Lower Upper

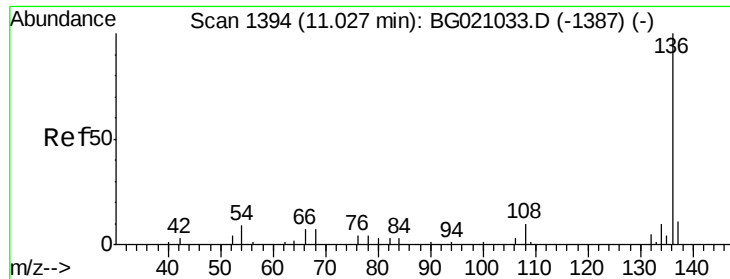
107 100

108 92.5 67.6 107.6

77 37.9 14.4 54.4

79 26.9 7.7 47.7

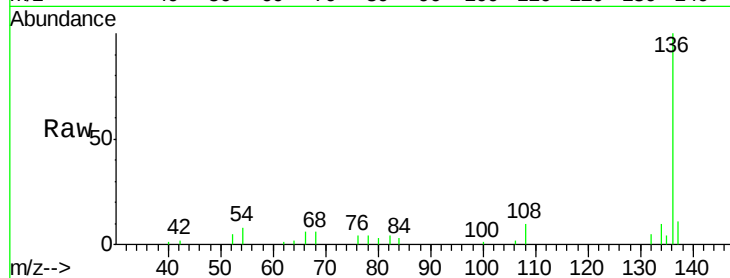




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Instrument :
BNA_G
ClientSampleId :
ICVBG022316

Tgt Ion:	136	Resp:	25047
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.3	6.9	10.3
68	6.0	5.8	8.6



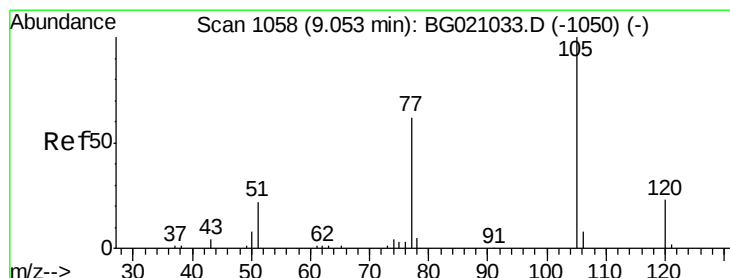
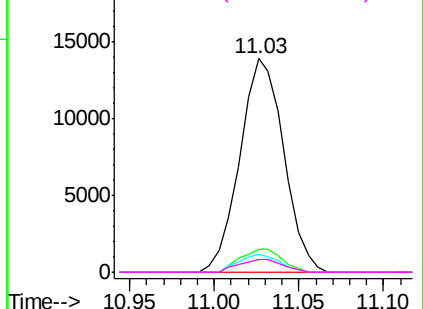
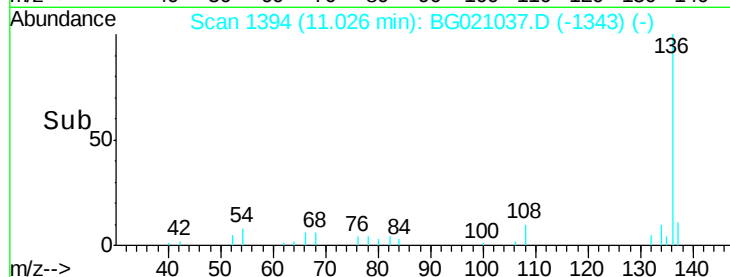
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

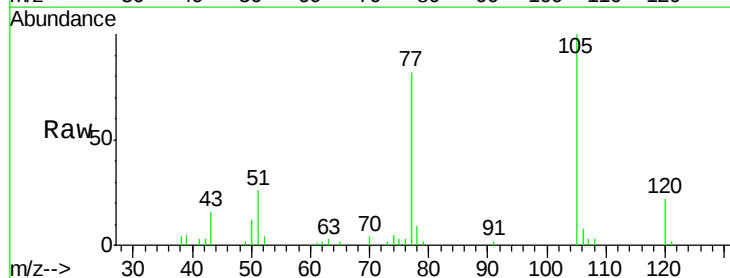
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 39.46 ng
RT: 9.05 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:	105	Resp:	22868
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.0	0.0
51	26.2	21.4	32.2
120	22.5	18.0	27.0



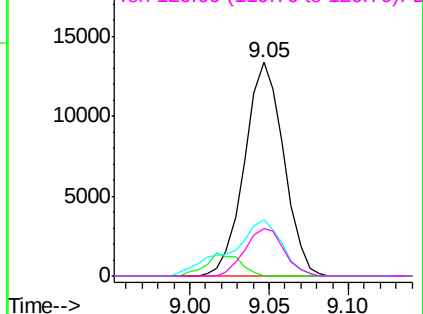
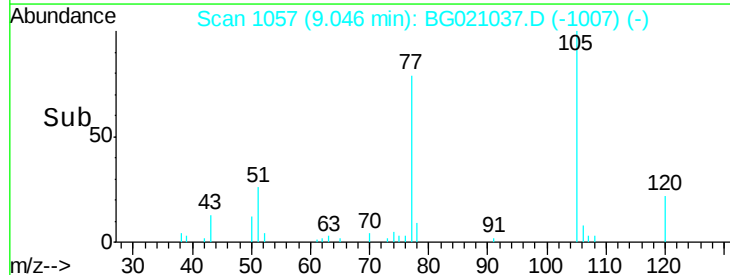
Abundance

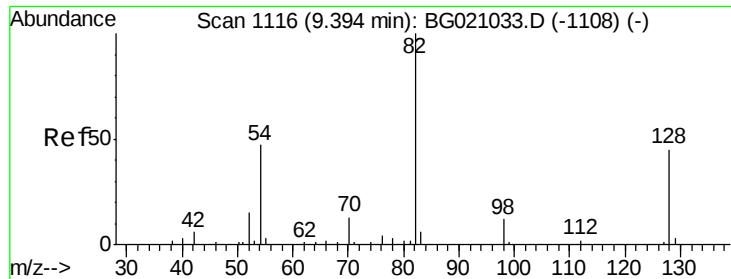
Ion 105.00 (104.70 to 105.70): E

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

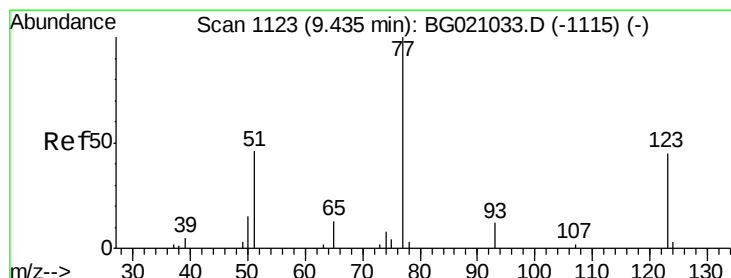
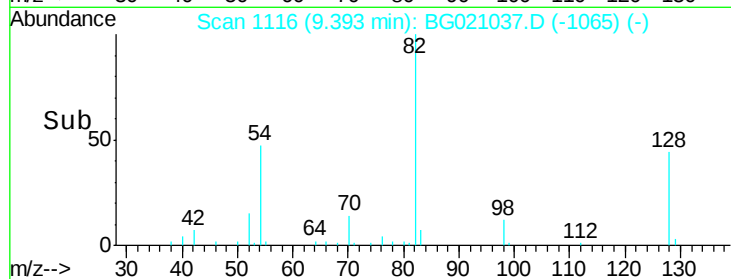
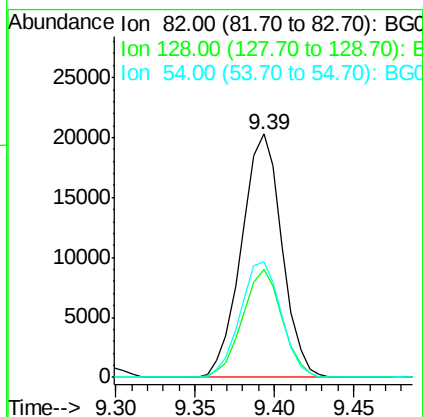
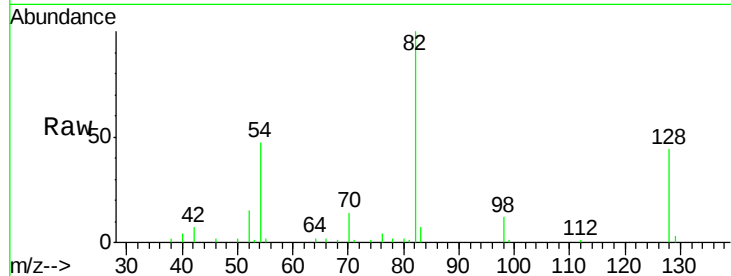




#23
 Nitrobenzene-d5
 Concen: 84.16 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

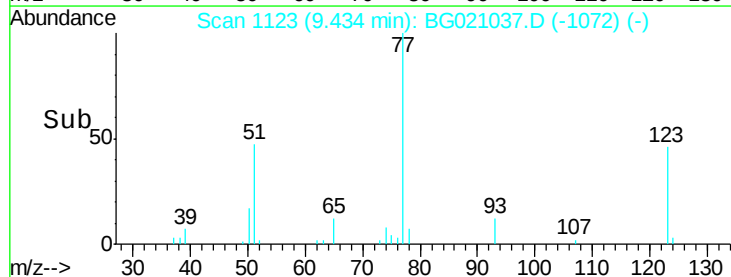
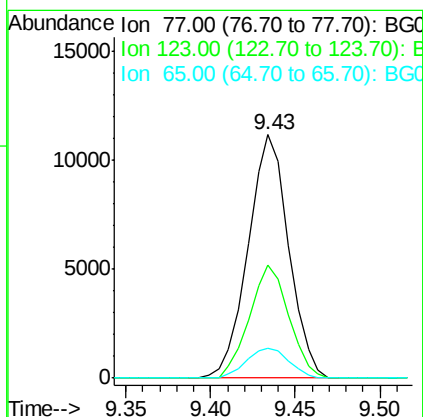
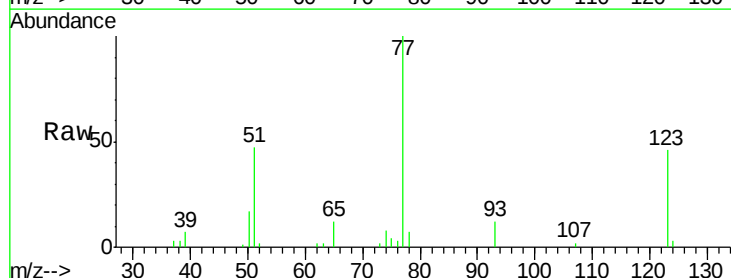
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

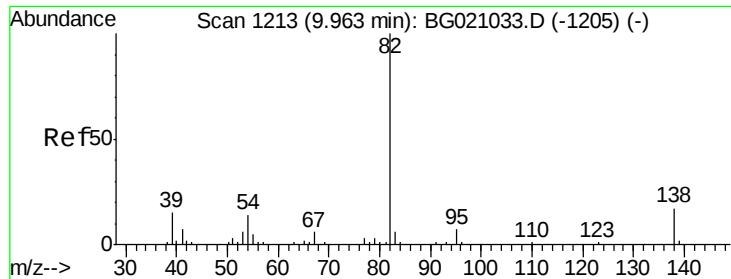
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.3	54.5
54	47.5	37.6	56.4



#24
 Nitrobenzene
 Concen: 39.99 ng
 RT: 9.43 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.2	35.8	53.6
65	12.5	10.6	16.0





#25

Isophorone

Concen: 41.66 ng

RT: 9.96 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

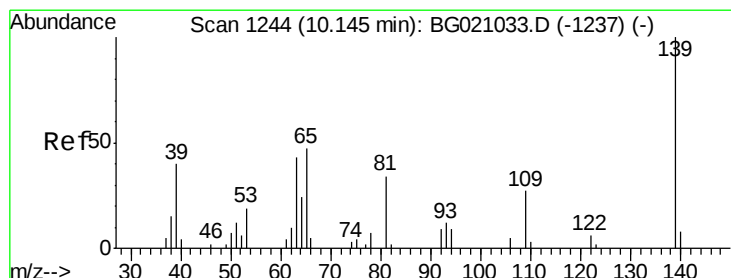
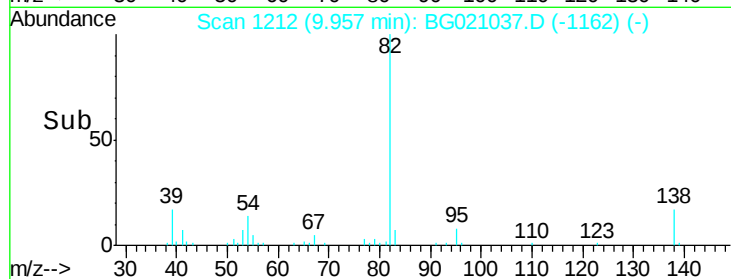
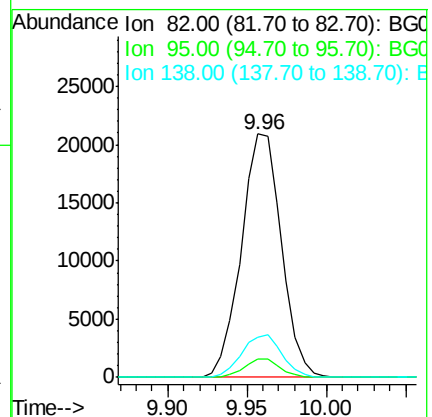
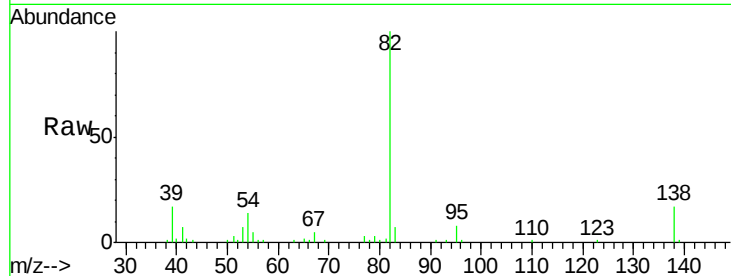
Tgt Ion: 82 Resp: 36646

Ion Ratio Lower Upper

82 100

95 7.6 5.4 8.0

138 16.6 13.4 20.0



#26

2-Nitrophenol

Concen: 41.35 ng

RT: 10.14 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

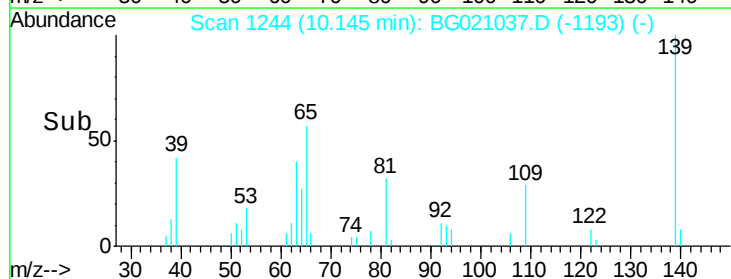
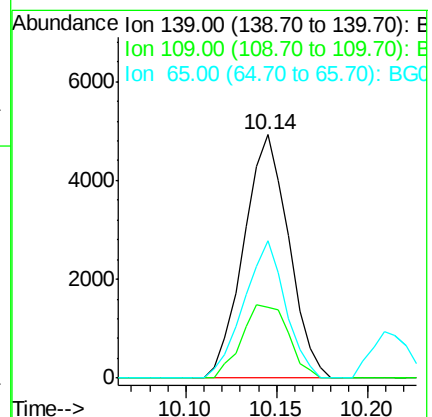
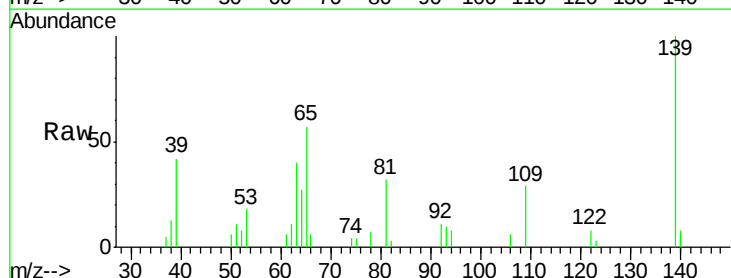
Tgt Ion: 139 Resp: 8486

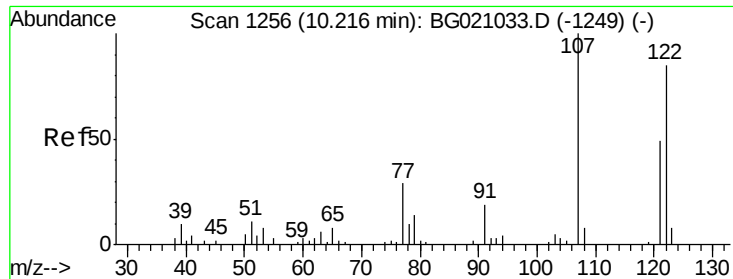
Ion Ratio Lower Upper

139 100

109 29.3 21.4 32.0

65 56.6 37.8 56.8

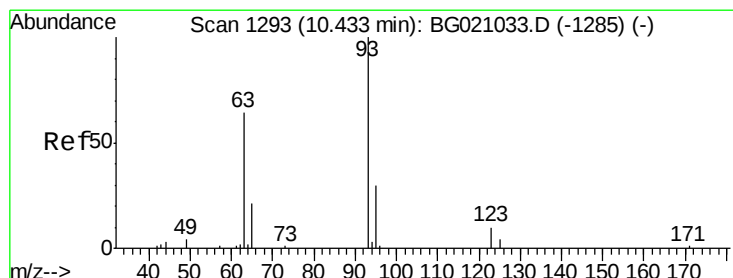
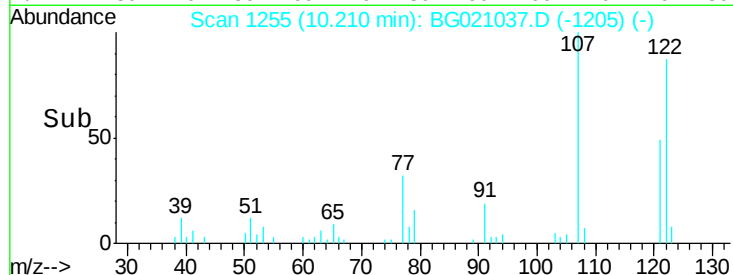
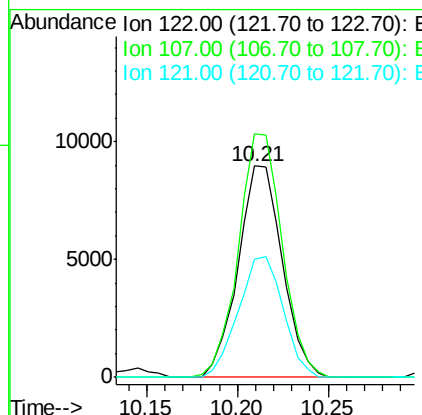
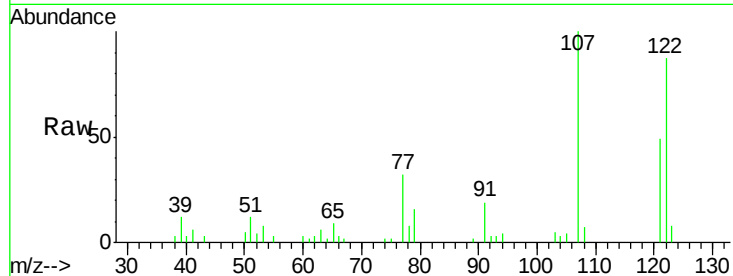




#27
 2,4-Dimethylphenol
 Concen: 41.02 ng
 RT: 10.21 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

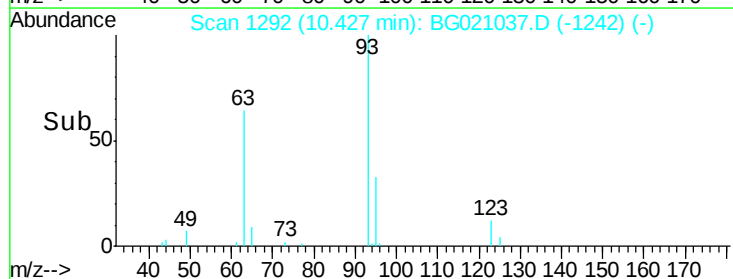
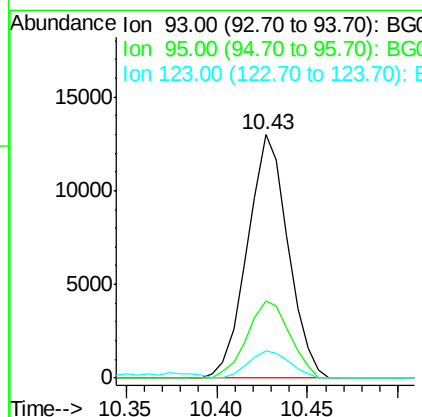
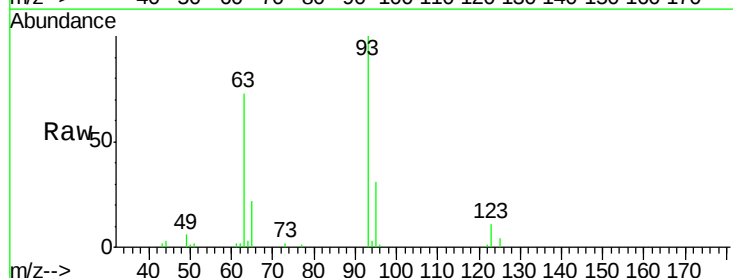
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

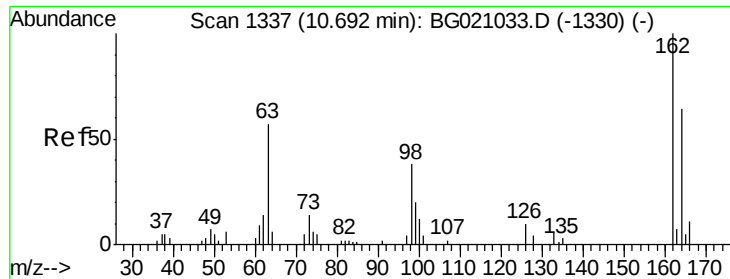
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.3	94.1	141.1
121	56.2	45.9	68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.51 ng
 RT: 10.43 min Scan# 1292
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.5	24.2	36.2
123	11.3	9.0	13.6





#29

2,4-Dichlorophenol

Concen: 41.08 ng

RT: 10.69 min Scan# 1337

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

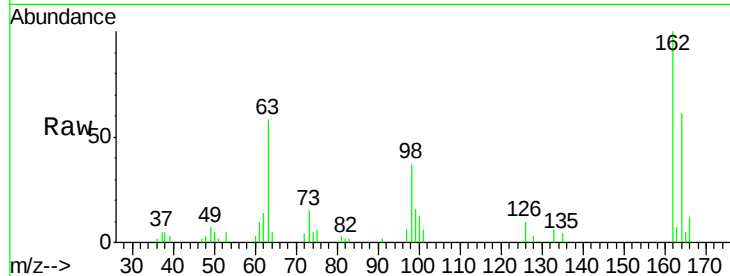
Tgt Ion:162 Resp: 13920

Ion Ratio Lower Upper

162 100

164 60.6 43.7 83.7

98 36.5 18.3 58.3

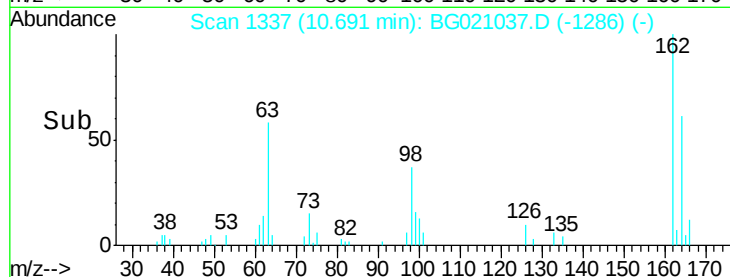


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

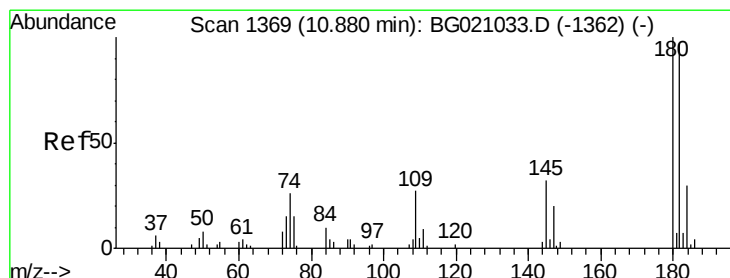
Ion 98.00 (97.70 to 98.70): B

Time-->



10.69

Time-->



#30

1,2,4-Trichlorobenzene

Concen: 38.94 ng

RT: 10.88 min Scan# 1369

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

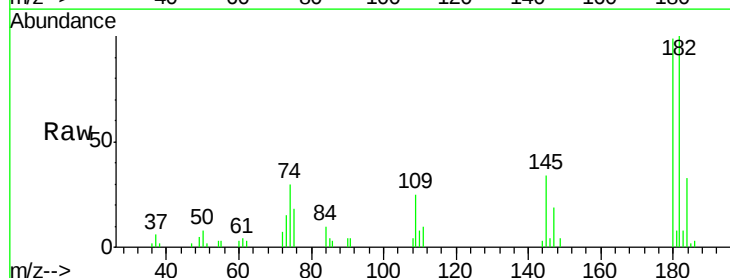
Tgt Ion:180 Resp: 14153

Ion Ratio Lower Upper

180 100

182 101.3 77.4 116.0

145 34.6 25.7 38.5

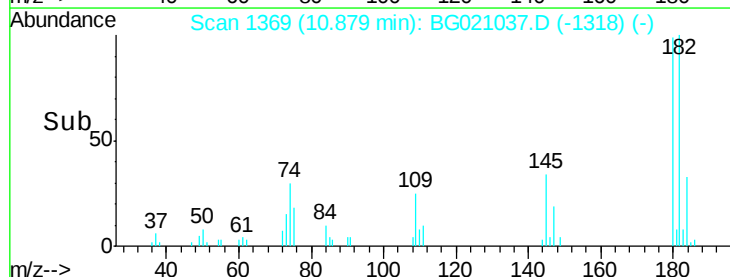


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

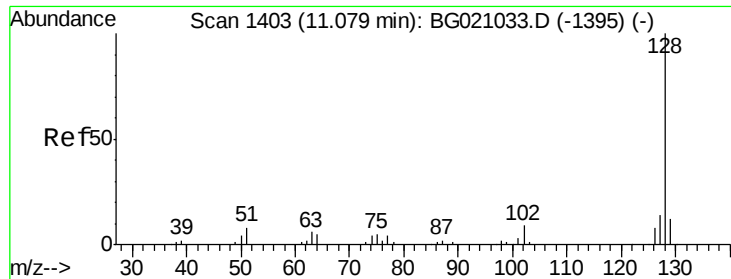
Ion 145.00 (144.70 to 145.70): E

Time-->



10.88

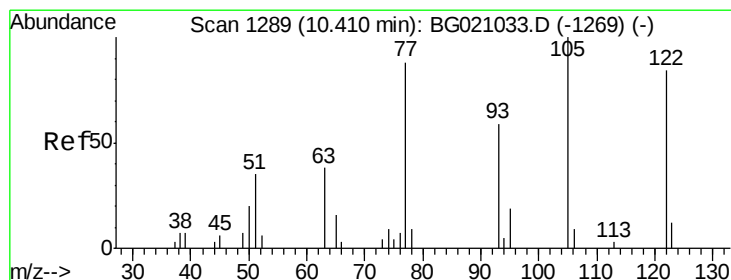
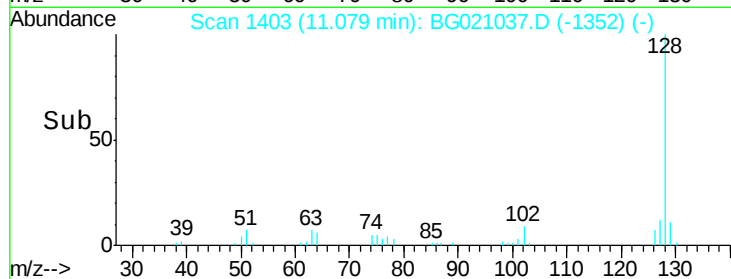
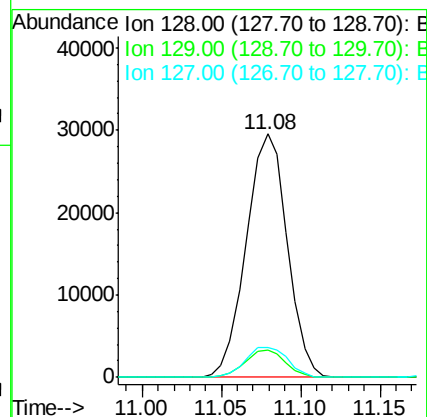
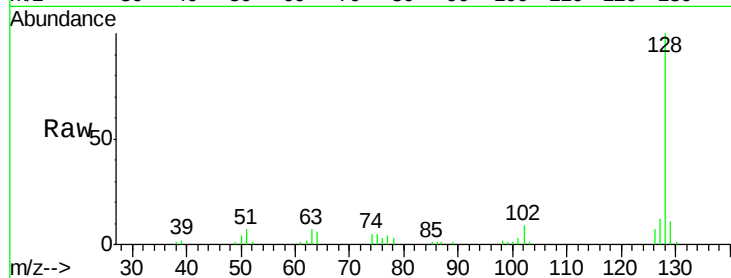
Time-->



#31
Naphthalene
Concen: 40.44 ng
RT: 11.08 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

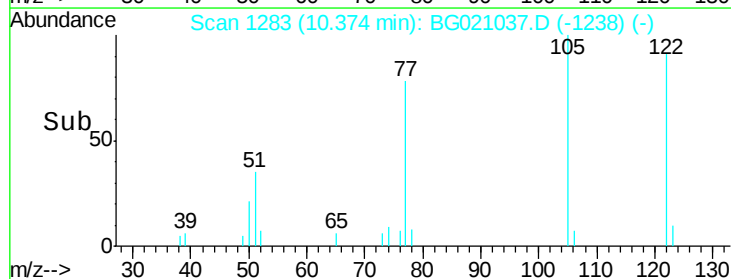
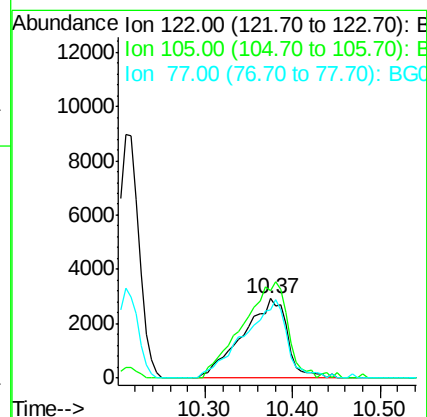
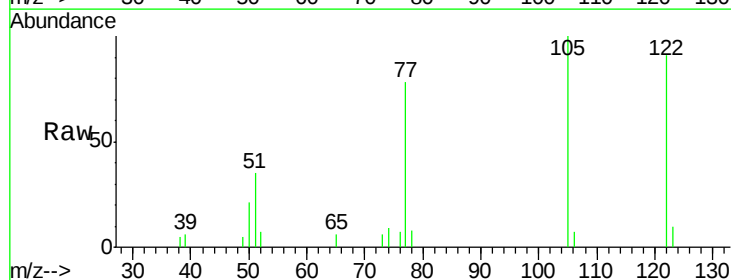
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

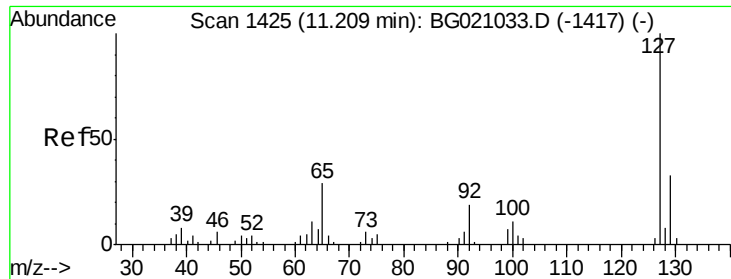
Tgt Ion:128 Resp: 52968
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 12.3 10.8 16.2



#32
Benzoic acid
Concen: 36.67 ng
RT: 10.37 min Scan# 1283
Delta R.T. -0.04 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:122 Resp: 10269
Ion Ratio Lower Upper
122 100
105 109.6 98.7 138.7
77 85.4 84.5 124.5

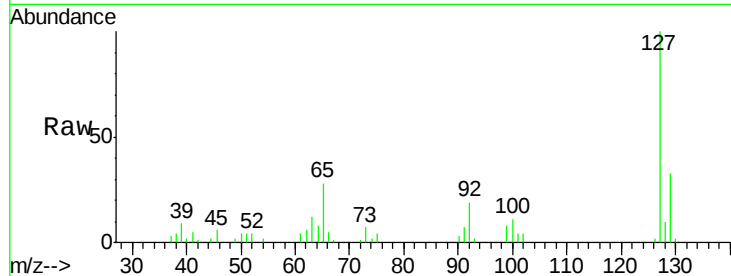




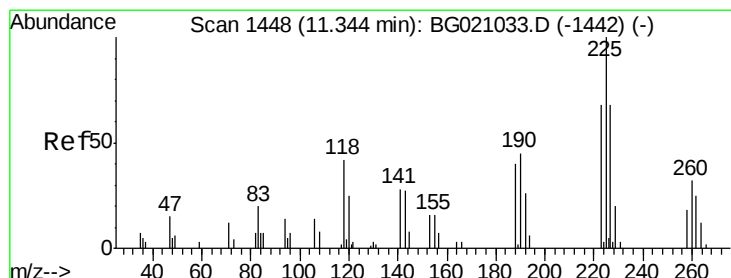
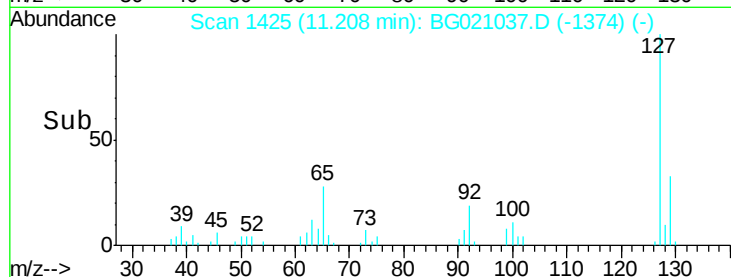
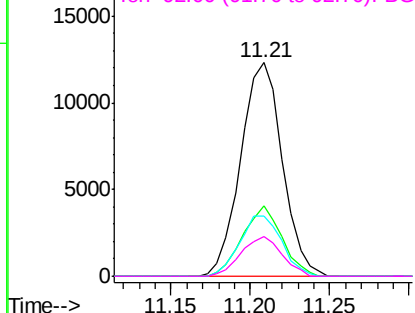
#33
 4-Chloroaniline
 Concen: 42.90 ng
 RT: 11.21 min Scan# 1425
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

Tgt Ion:	127	Resp:	22488
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.2
65	28.3	22.9	34.3
92	18.8	15.0	22.6

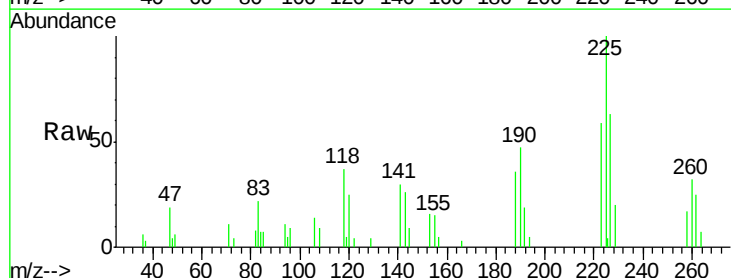


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BG
 Ion 92.00 (91.70 to 92.70): BG

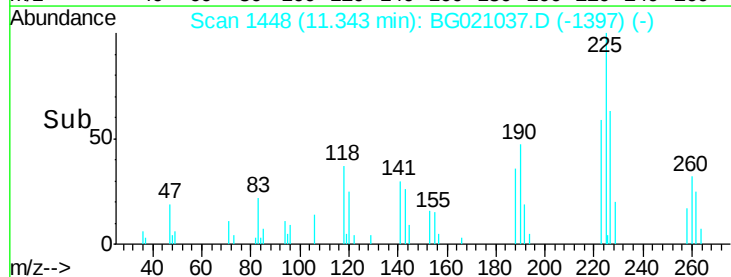
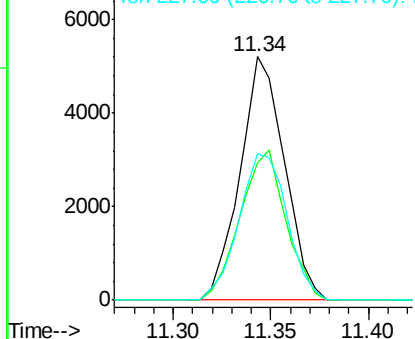


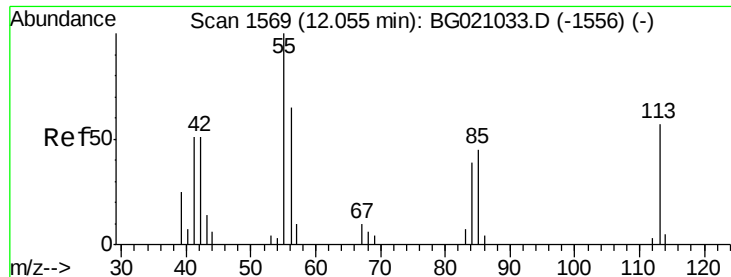
#34
 Hexachlorobutadiene
 Concen: 40.68 ng
 RT: 11.34 min Scan# 1448
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:	225	Resp:	8213
Ion	Ratio	Lower	Upper
225	100		
223	56.5	54.6	82.0
227	59.9	54.6	81.8



Abundance Ion 225.00 (224.70 to 225.70): E
 Ion 223.00 (222.70 to 223.70): E
 Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 41.29 ng

RT: 12.04 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

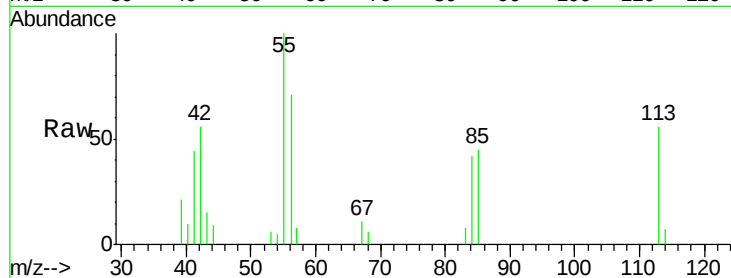
Tgt Ion:113 Resp: 5482

Ion Ratio Lower Upper

113 100

55 179.9 155.2 195.2

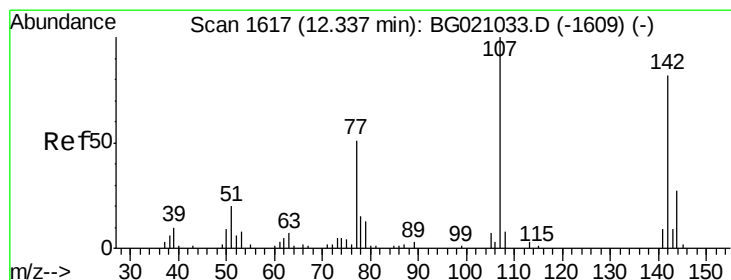
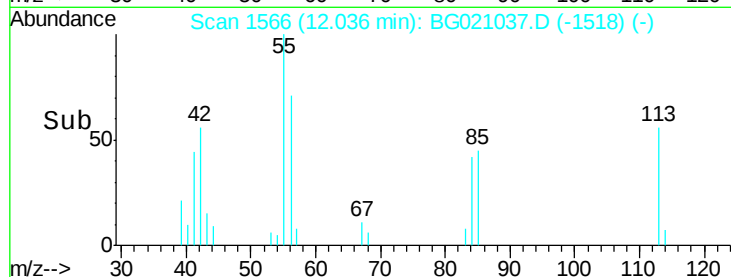
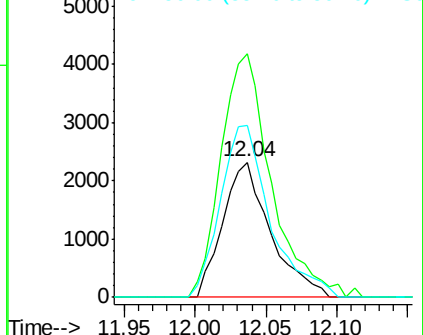
56 127.0 94.0 134.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.36 ng

RT: 12.33 min Scan# 1616

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

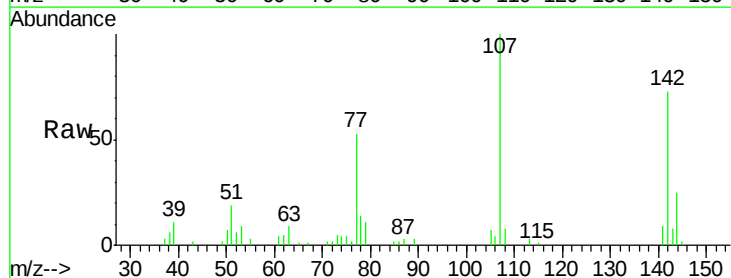
Tgt Ion:107 Resp: 18183

Ion Ratio Lower Upper

107 100

144 25.2 21.8 32.8

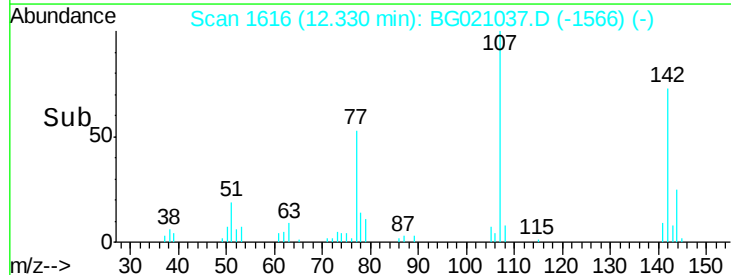
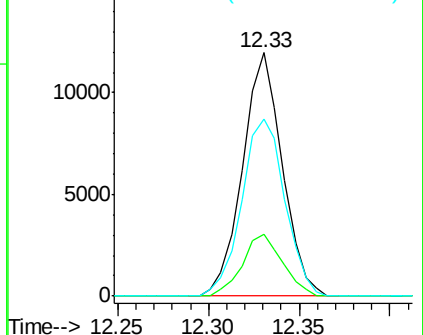
142 72.7 65.6 98.4

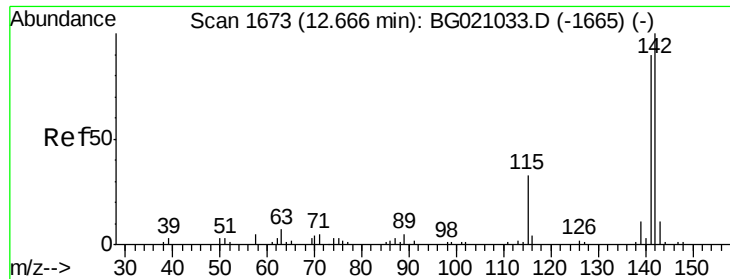


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

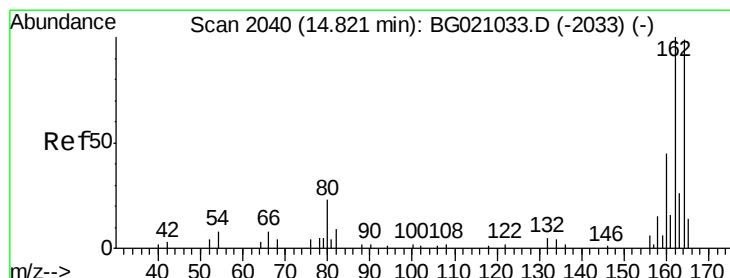
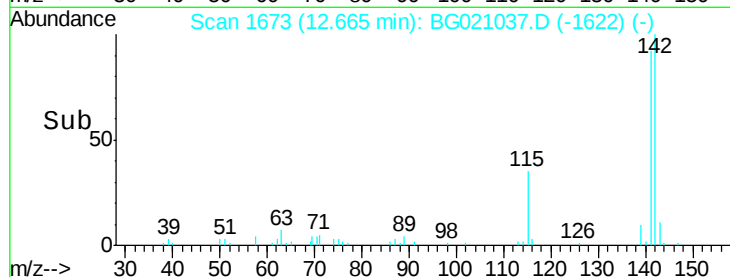
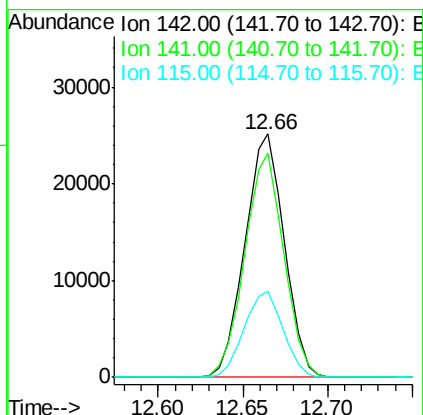
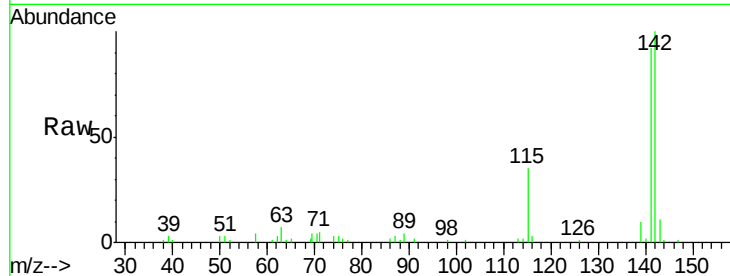




#37
 2-Methylnaphthalene
 Concen: 42.57 ng
 RT: 12.66 min Scan# 1673
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

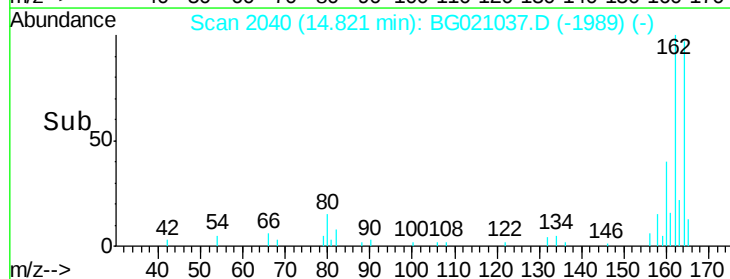
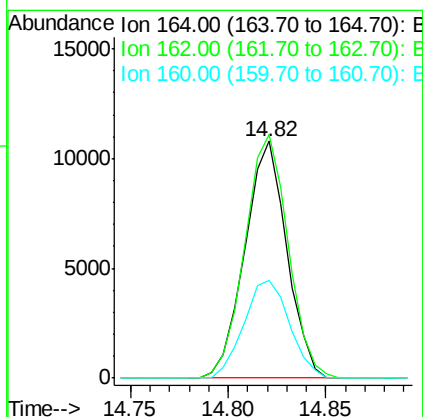
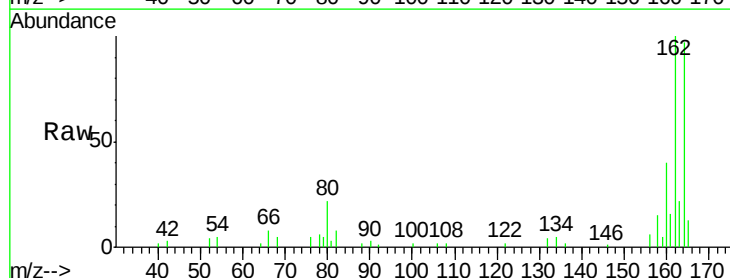
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

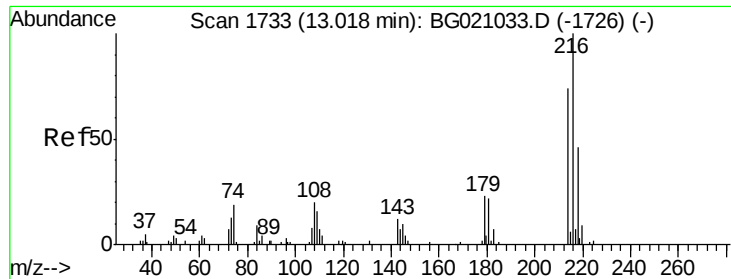
Tgt Ion:142 Resp: 40581
 Ion Ratio Lower Upper
 142 100
 141 92.0 71.7 107.5
 115 35.4 26.2 39.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2040
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:164 Resp: 16024
 Ion Ratio Lower Upper
 164 100
 162 102.8 80.6 120.8
 160 41.2 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.00 ng

RT: 13.02 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

Tgt Ion:216 Resp: 17280

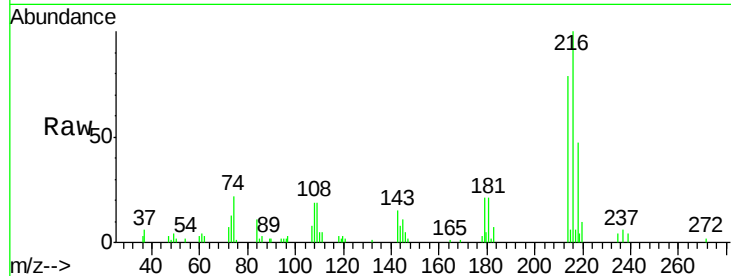
Ion Ratio Lower Upper

216 100

214 79.3 63.5 95.3

179 21.9 17.4 26.0

108 22.1 16.8 25.2

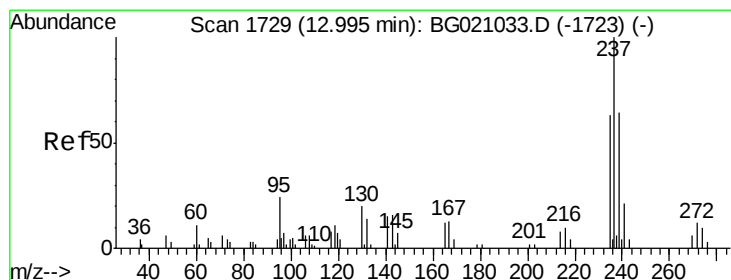
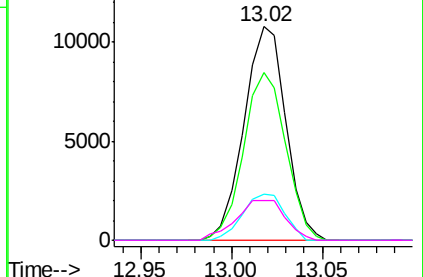
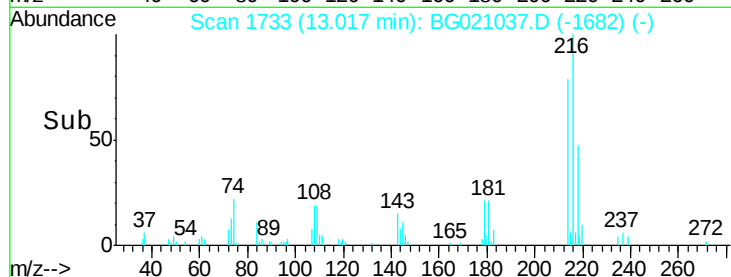


Abundance Ion 216.00 (215.70 to 216.70): E

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: 43.82 ng

RT: 12.99 min Scan# 1729

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

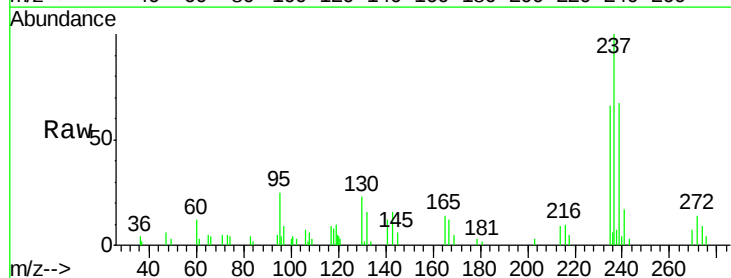
Tgt Ion:237 Resp: 10990

Ion Ratio Lower Upper

237 100

235 66.0 42.9 82.9

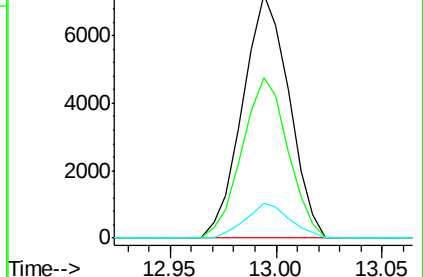
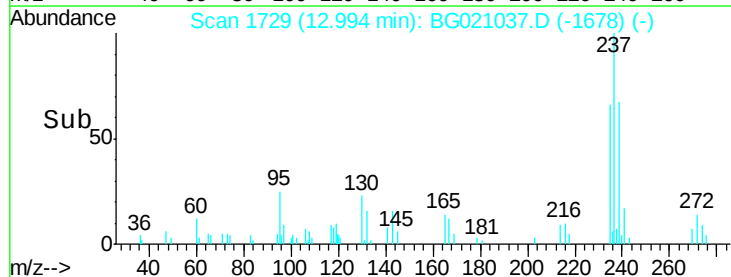
272 14.2 0.0 32.3

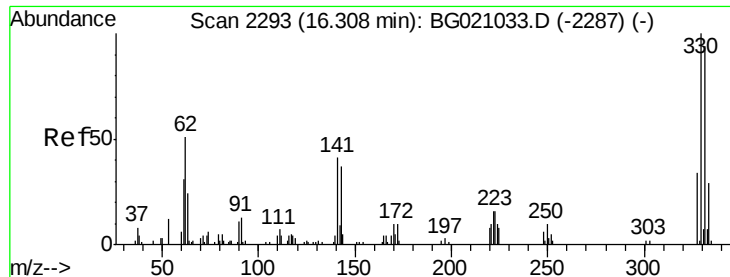


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

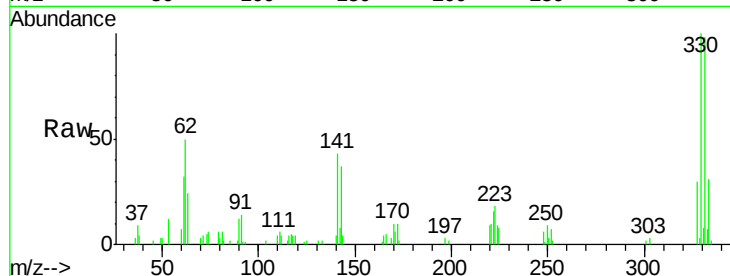




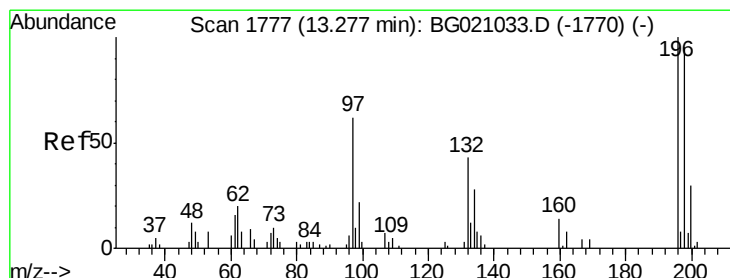
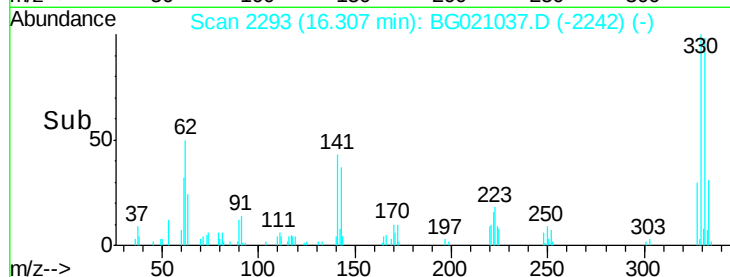
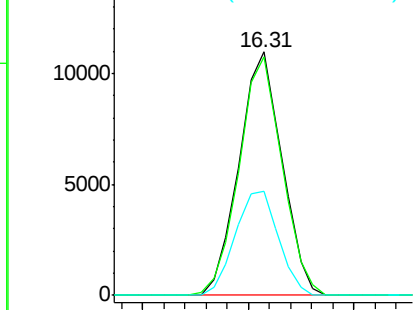
#41
 2,4,6-Tribromophenol
 Concen: 80.74 ng
 RT: 16.31 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

Tgt Ion:330 Resp: 15499
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.0
 141 43.0 35.3 52.9

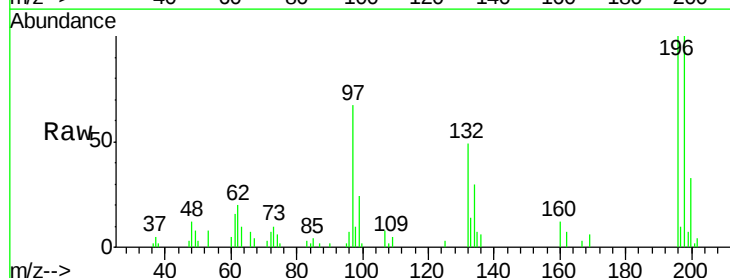


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

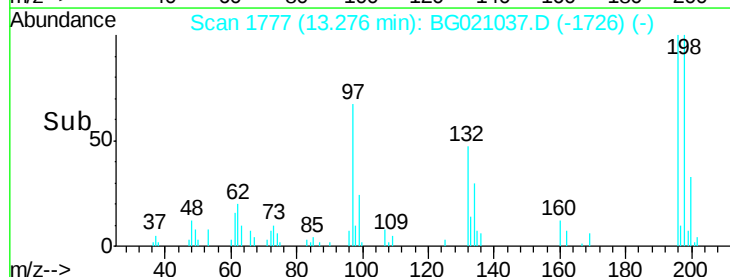
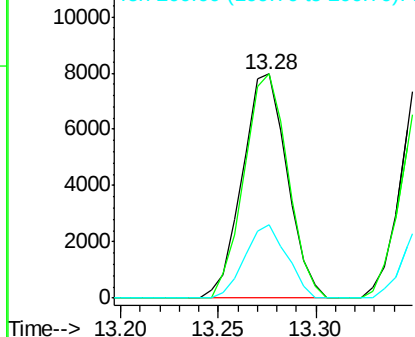


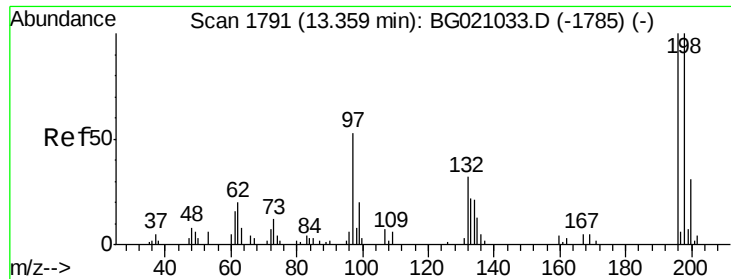
#42
 2,4,6-Trichlorophenol
 Concen: 40.21 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:196 Resp: 12664
 Ion Ratio Lower Upper
 196 100
 198 100.1 75.8 113.8
 200 32.9 23.8 35.8



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

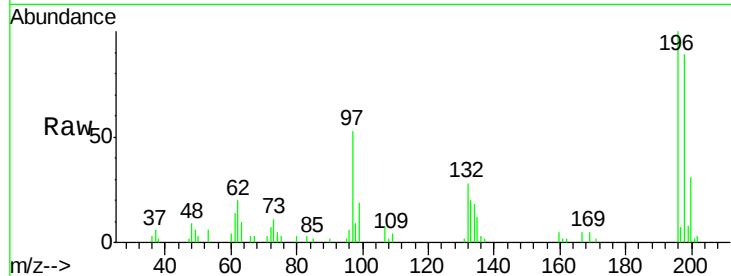




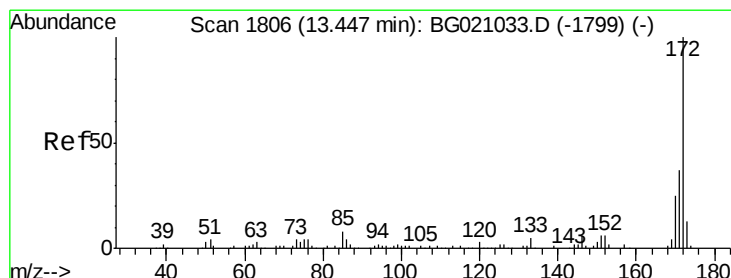
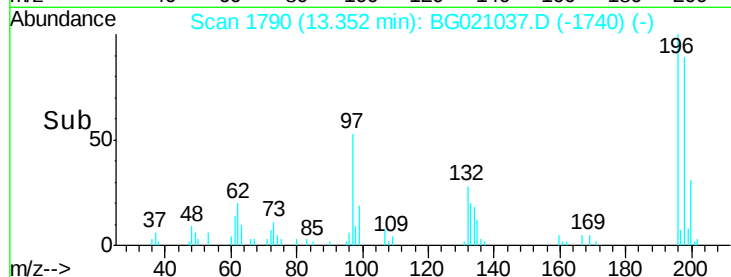
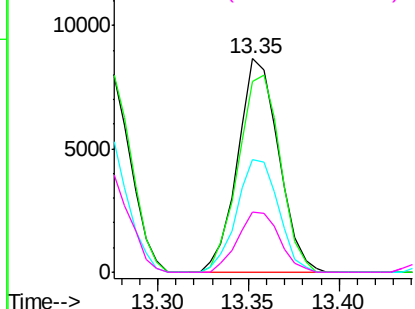
#43
 2,4,5-Trichlorophenol
 Concen: 42.26 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

Tgt Ion:	196	Resp:	13657
Ion	Ratio	Lower	Upper
196	100		
198	89.2	80.2	120.4
97	53.0	42.9	64.3
132	28.1	25.5	38.3

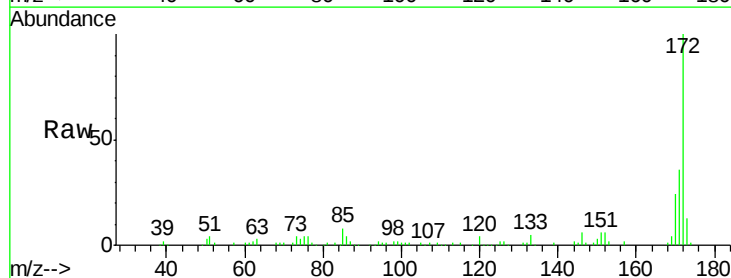


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

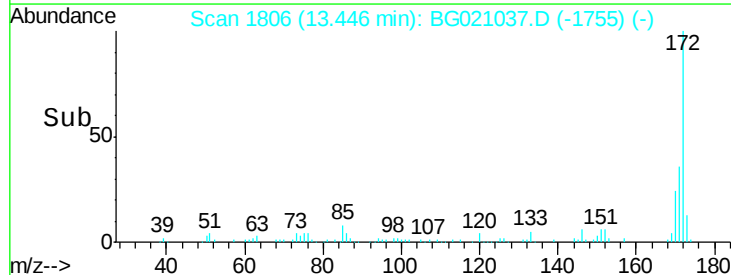
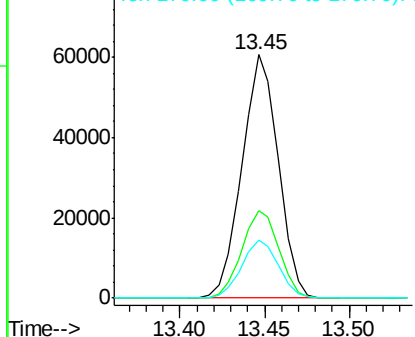


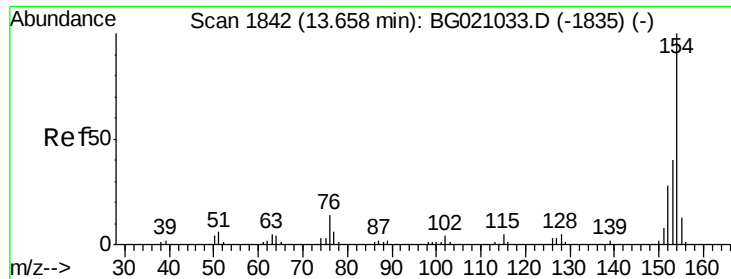
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:	172	Resp:	90556
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	24.0	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

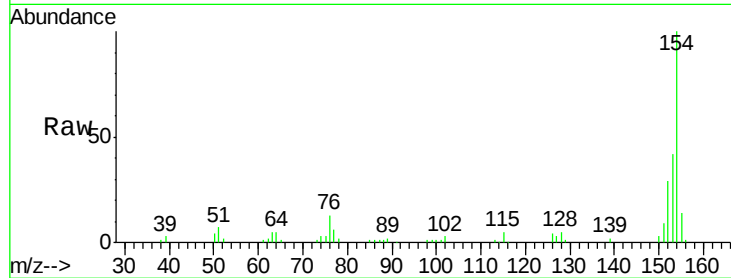




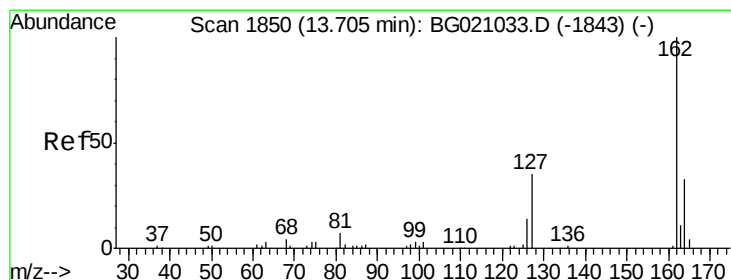
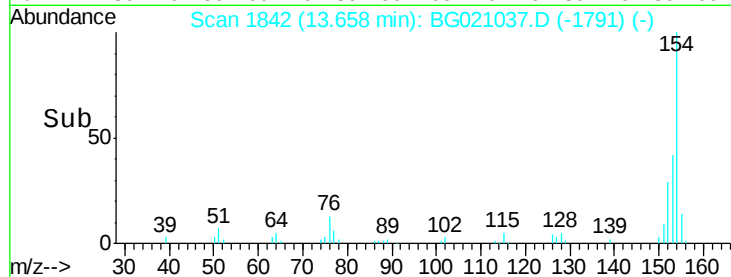
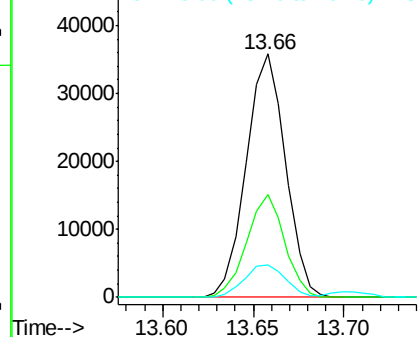
#45
 1,1'-Biphenyl
 Concen: 38.61 ng
 RT: 13.66 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

Tgt Ion:154 Resp: 53670
 Ion Ratio Lower Upper
 154 100
 153 42.1 19.8 59.8
 76 13.5 0.0 33.6

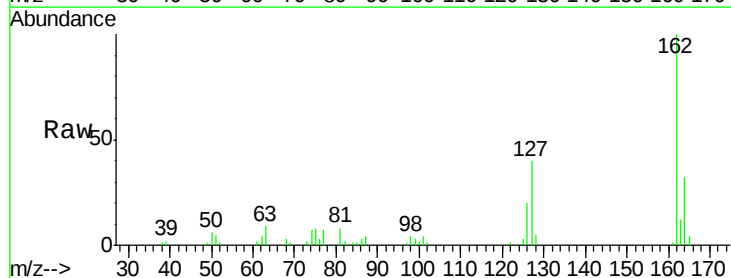


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

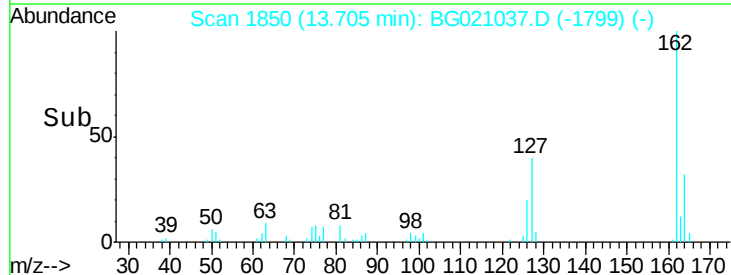
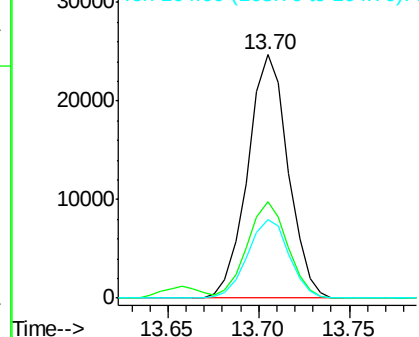


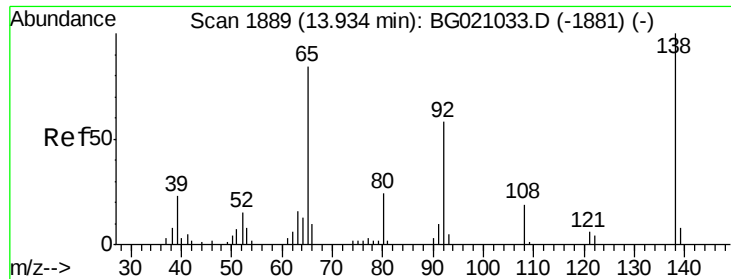
#46
 2-Chloronaphthalene
 Concen: 39.25 ng
 RT: 13.70 min Scan# 1850
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:162 Resp: 38172
 Ion Ratio Lower Upper
 162 100
 127 39.8 31.8 47.8
 164 32.1 26.3 39.5



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

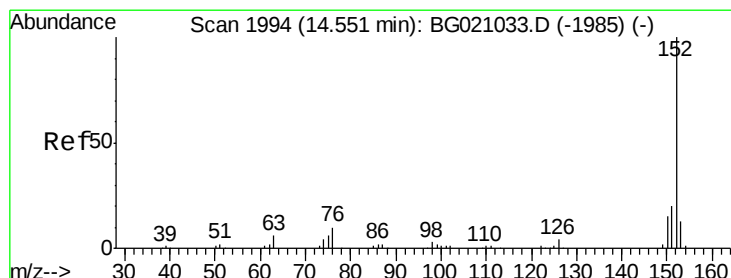
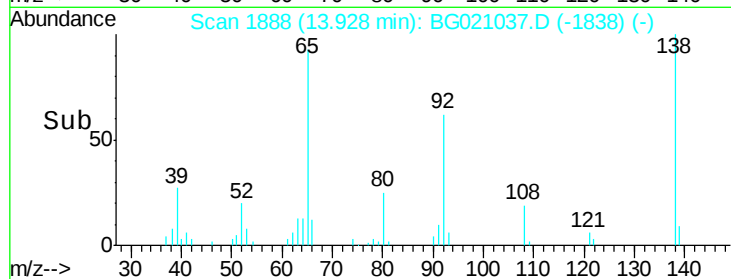
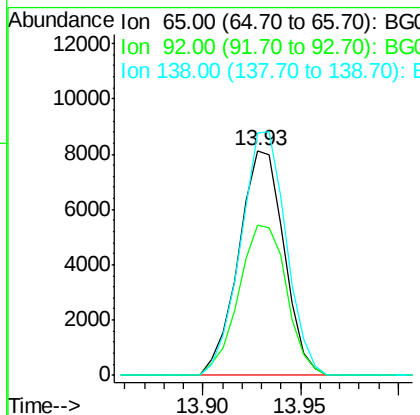
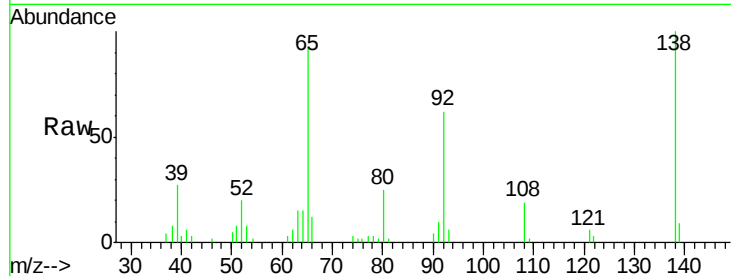




#47
2-Nitroaniline
Concen: 44.49 ng
RT: 13.93 min Scan# 1888
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

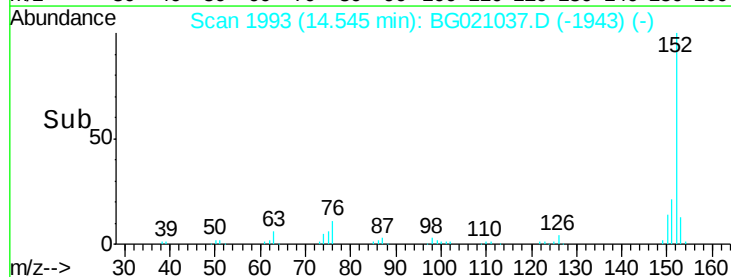
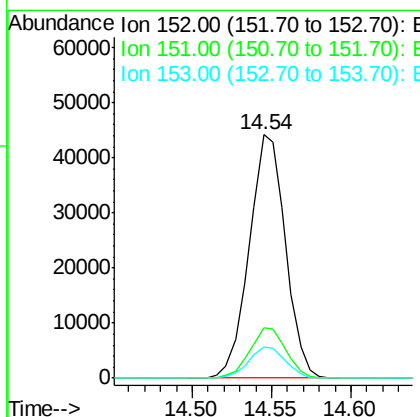
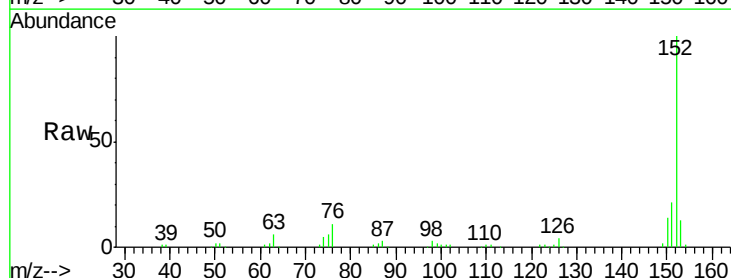
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

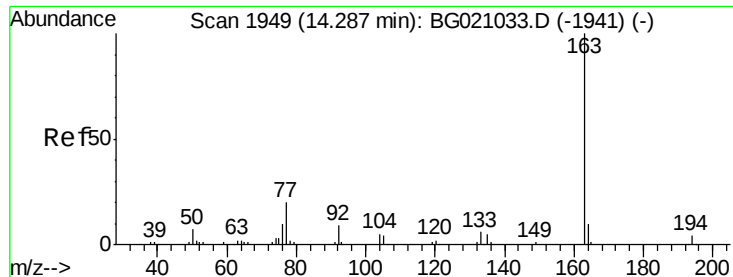
Tgt Ion: 65 Resp: 13057
Ion Ratio Lower Upper
65 100
92 67.1 54.6 82.0
138 107.7 94.9 142.3



#48
Acenaphthylene
Concen: 39.40 ng
RT: 14.54 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion: 152 Resp: 70056
Ion Ratio Lower Upper
152 100
151 20.6 15.9 23.9
153 12.5 10.2 15.2





#49

Dimethylphthalate

Concen: 39.71 ng

RT: 14.28 min Scan# 1948

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

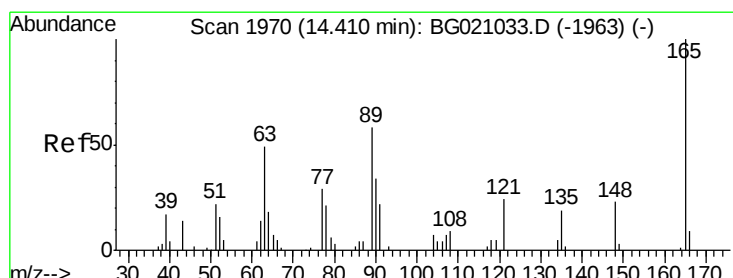
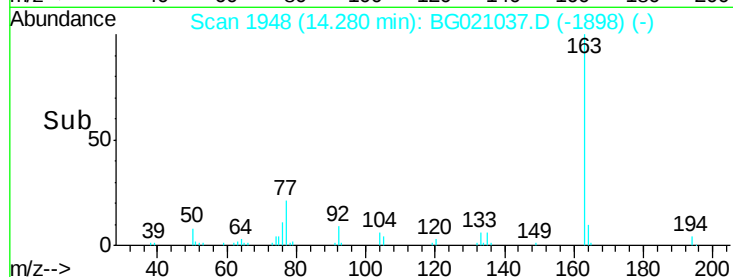
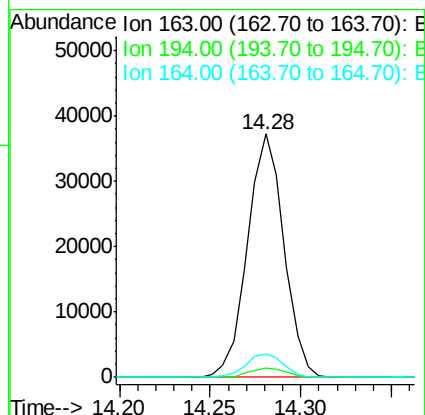
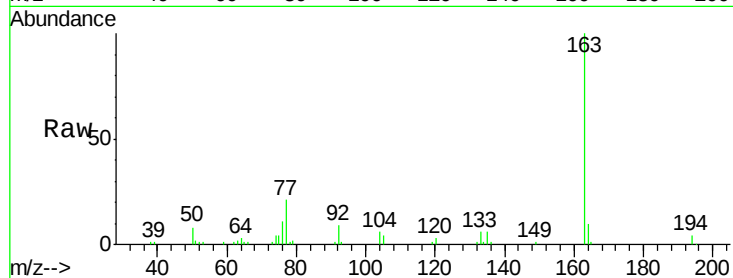
Instrument :

BNA_G

ClientSampleId :

ICVBG022316

Tgt Ion:	163	Resp:	51884
Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.8	4.2
164	9.8	7.9	11.9



#50

2,6-Dinitrotoluene

Concen: 42.65 ng

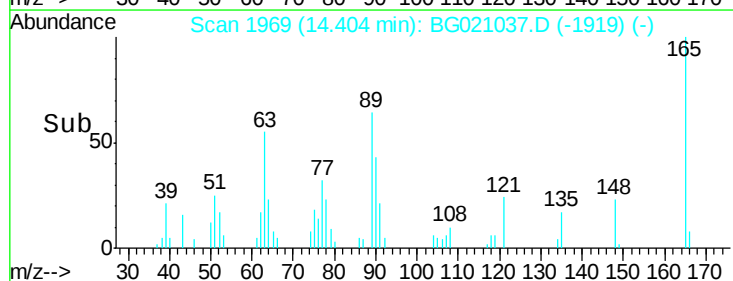
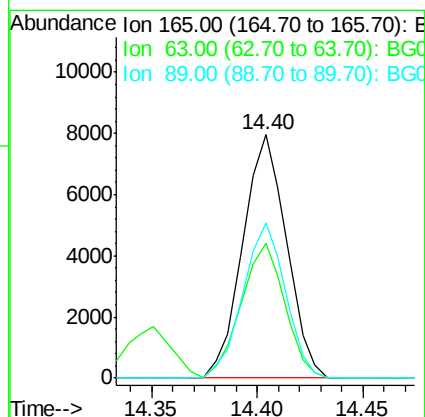
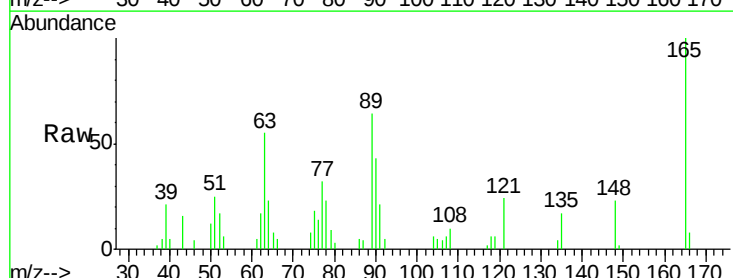
RT: 14.40 min Scan# 1969

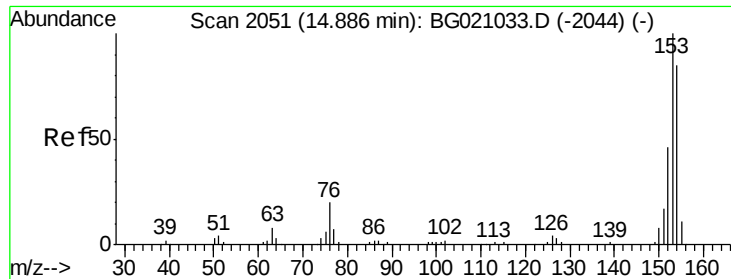
Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Tgt Ion:	165	Resp:	11410
Ion	Ratio	Lower	Upper
165	100		
63	55.5	42.1	63.1
89	63.7	46.1	69.1





#51

Acenaphthene

Concen: 40.18 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

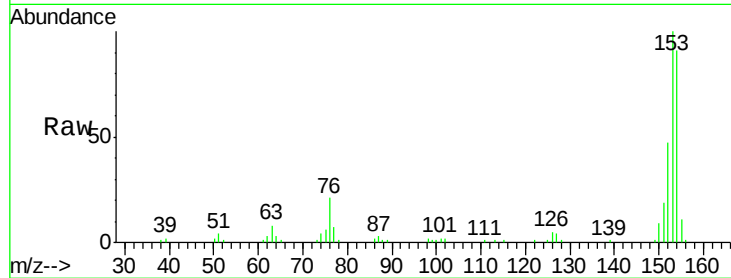
Tgt Ion:154 Resp: 41076

Ion Ratio Lower Upper

154 100

153 110.3 94.2 141.2

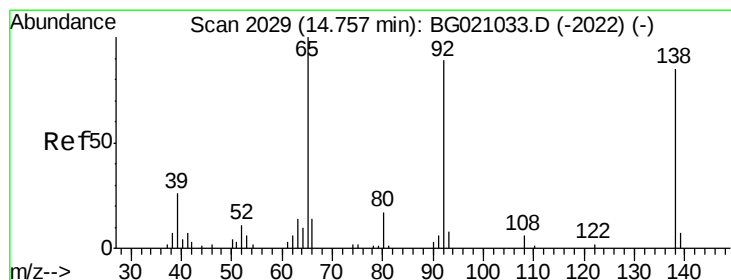
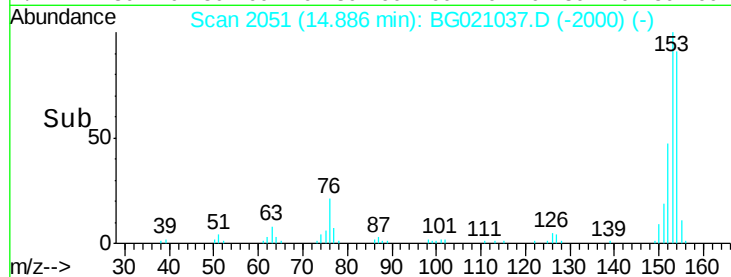
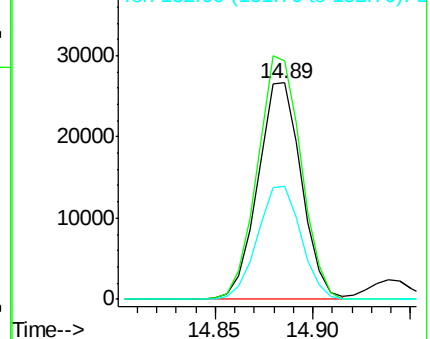
152 52.2 42.9 64.3



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: 44.25 ng

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

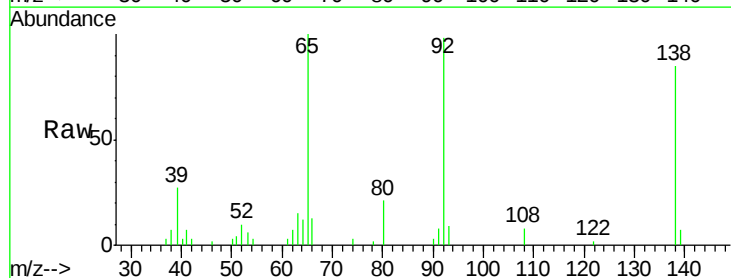
Tgt Ion:138 Resp: 13599

Ion Ratio Lower Upper

138 100

108 9.5 5.8 8.6#

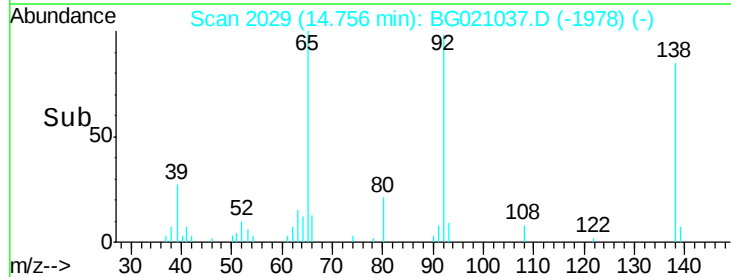
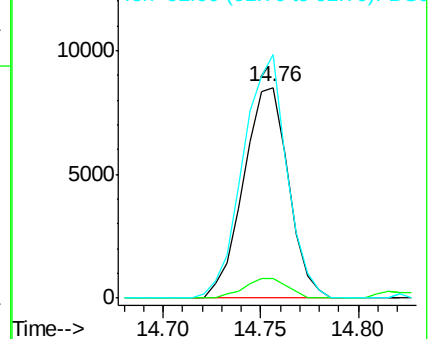
92 115.7 83.6 125.4

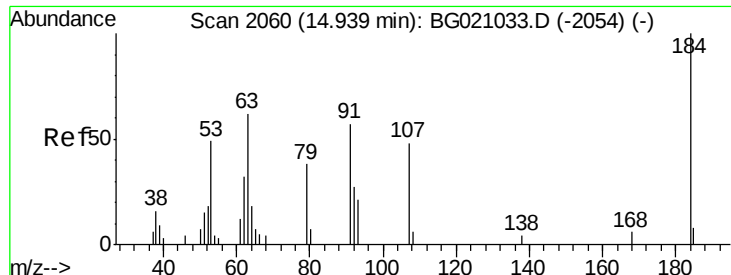


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

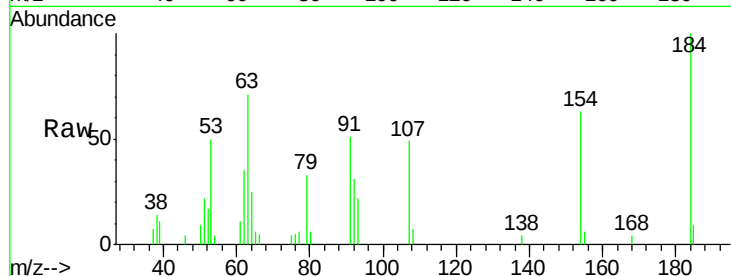




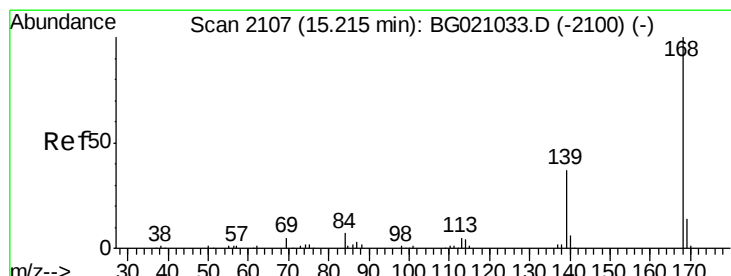
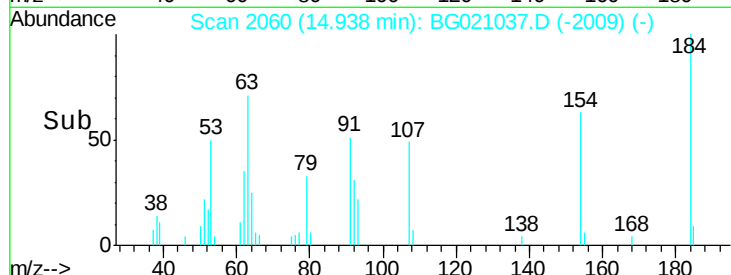
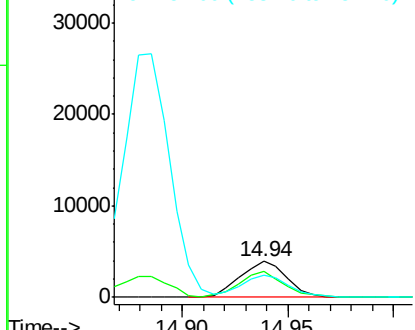
#53
2,4-Dinitrophenol
Concen: 38.68 ng
RT: 14.94 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Instrument :
BNA_G
ClientSampleId :
ICVBG022316

Tgt Ion:184 Resp: 5947
Ion Ratio Lower Upper
184 100
63 70.8 57.0 85.6
154 62.9 51.3 76.9

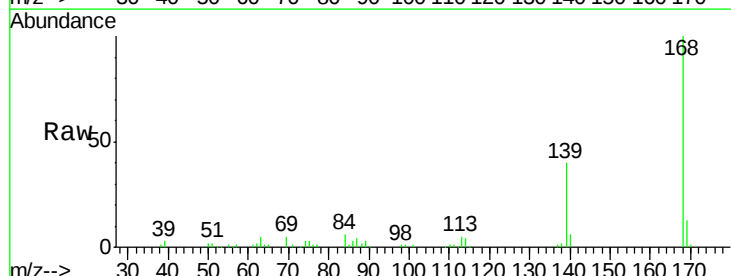


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

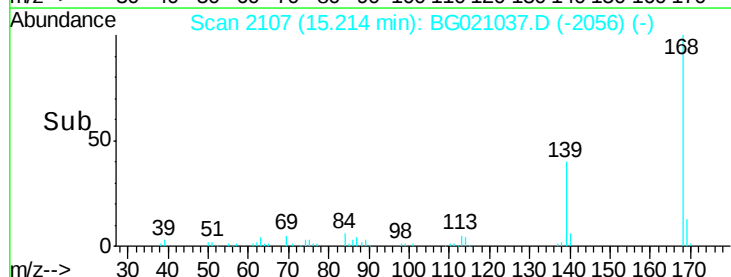
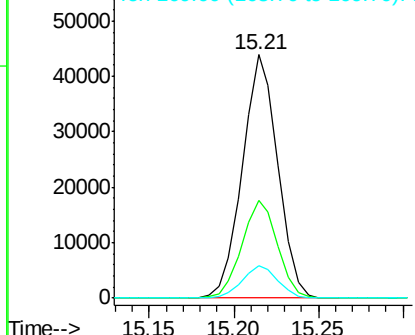


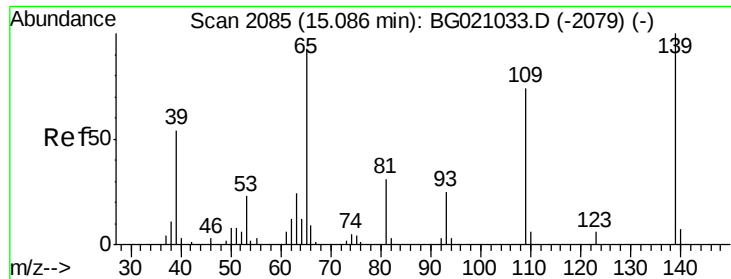
#54
Dibenzofuran
Concen: 43.93 ng
RT: 15.21 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:168 Resp: 63776
Ion Ratio Lower Upper
168 100
139 40.1 29.8 44.8
169 13.3 11.4 17.2



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

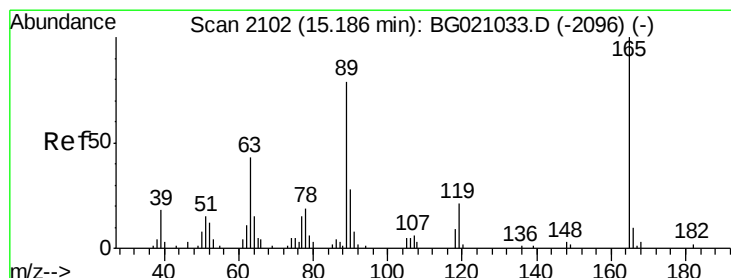
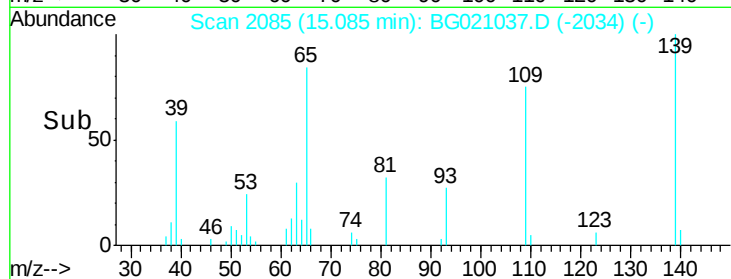
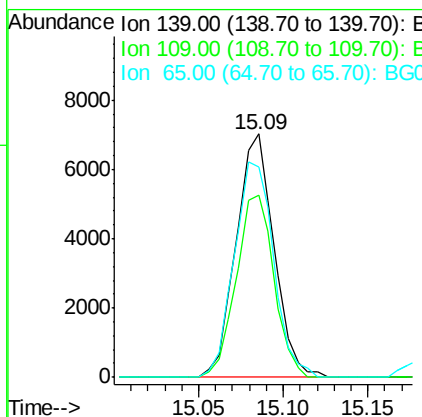
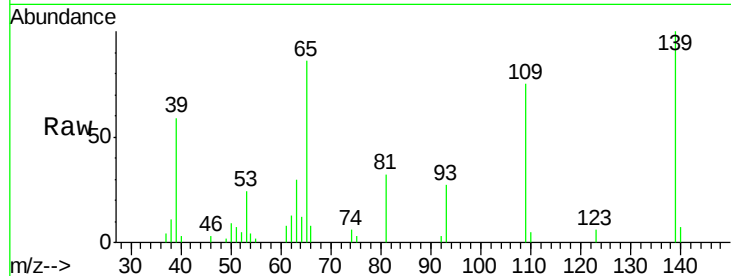




#55
4-Nitrophenol
Concen: 41.32 ng
RT: 15.09 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

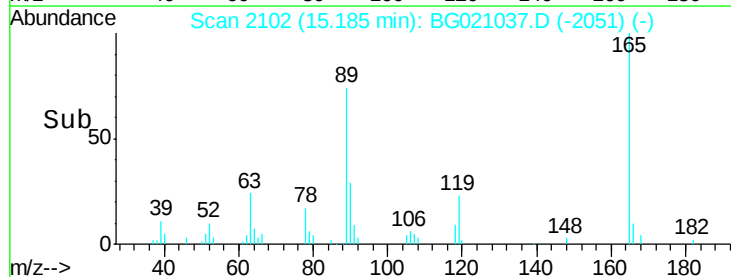
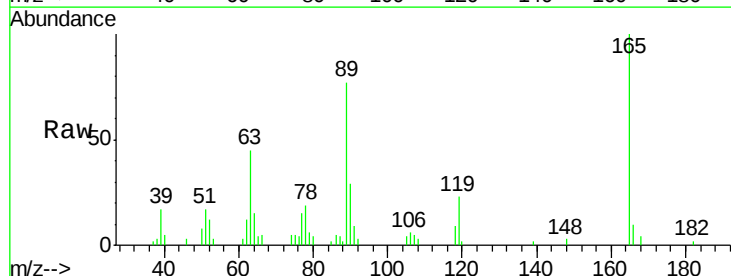
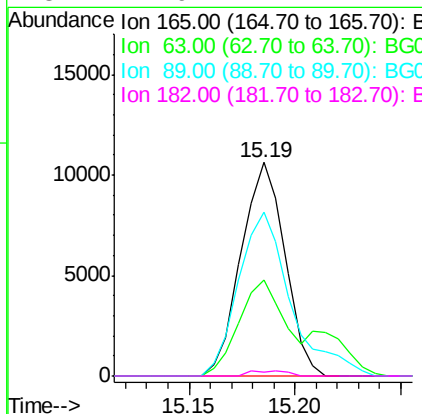
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

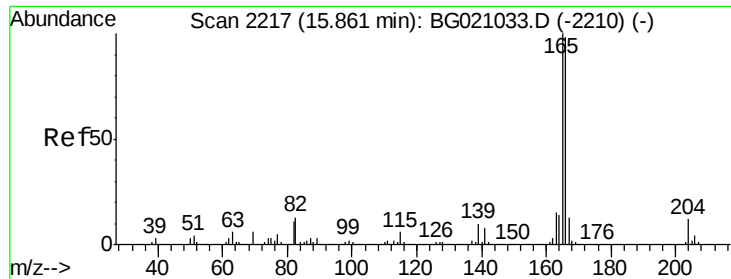
Tgt Ion:139 Resp: 10949
Ion Ratio Lower Upper
139 100
109 74.6 54.1 94.1
65 86.5 73.4 113.4



#56
2,4-Dinitrotoluene
Concen: 39.79 ng
RT: 15.19 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:165 Resp: 15294
Ion Ratio Lower Upper
165 100
63 45.1 34.1 51.1
89 76.9 63.0 94.4
182 1.9 1.4 2.2





#57

Fluorene

Concen: 39.84 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

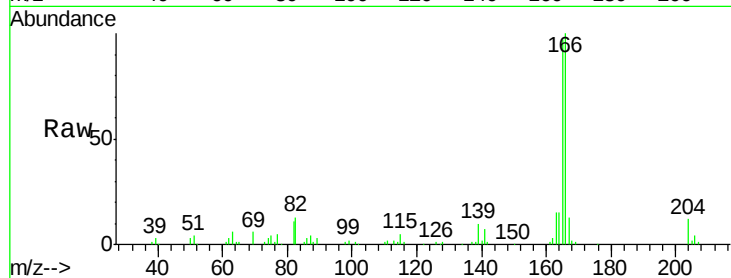
Tgt Ion:166 Resp: 54648

Ion Ratio Lower Upper

166 100

165 96.9 81.3 121.9

167 13.2 10.6 16.0

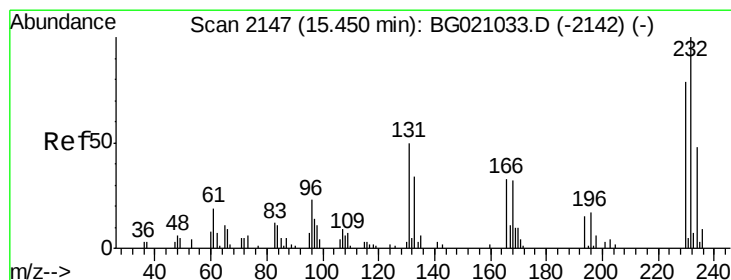
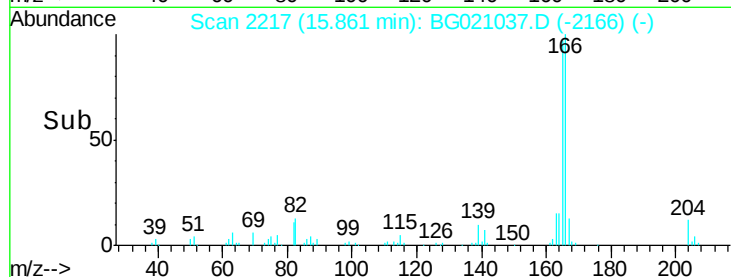
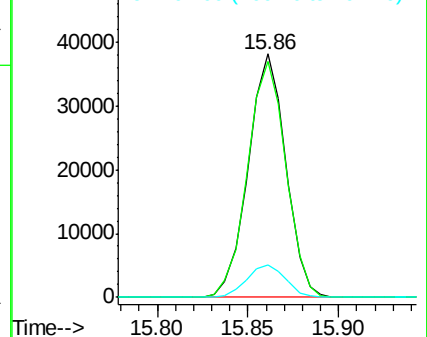


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.65 ng

RT: 15.45 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Tgt Ion:232 Resp: 12337

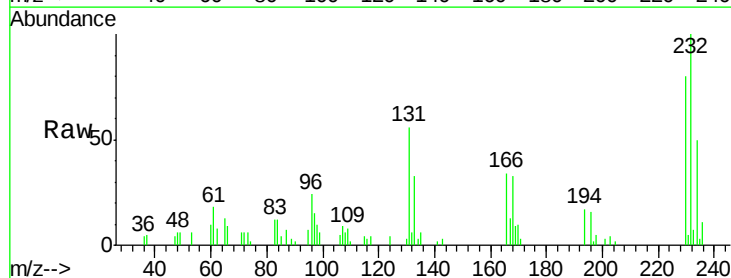
Ion Ratio Lower Upper

232 100

131 54.9 41.4 62.2

130 2.4 1.8 2.8

166 34.6 26.6 39.8



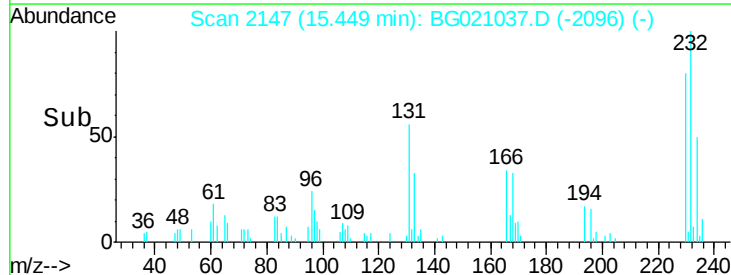
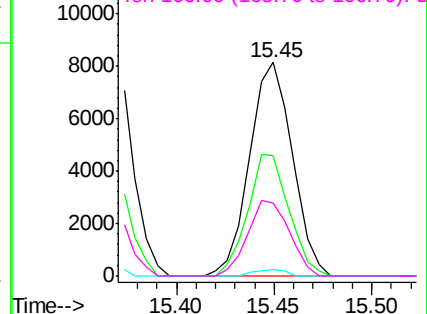
Abundance

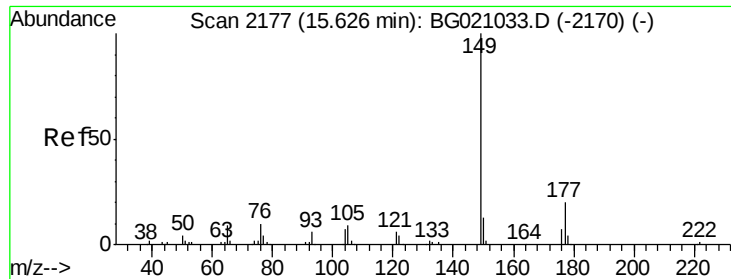
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

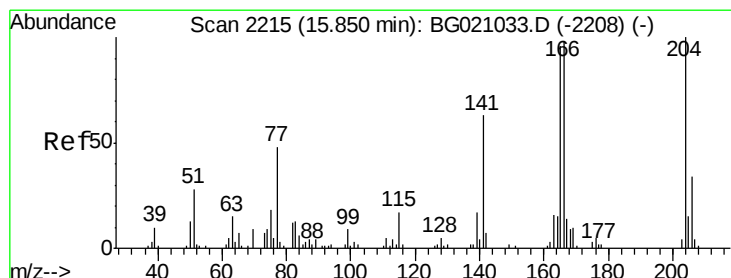
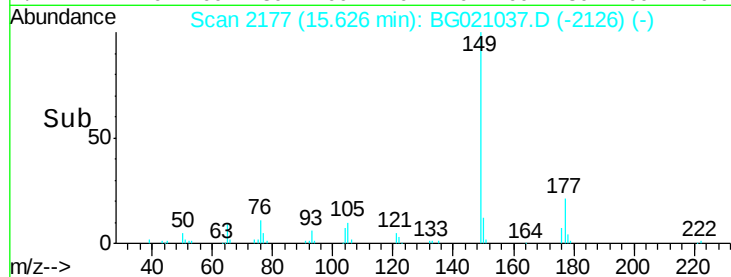
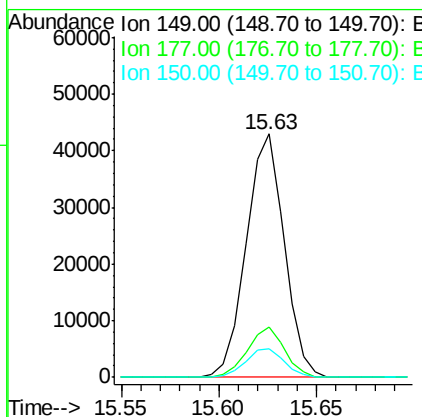
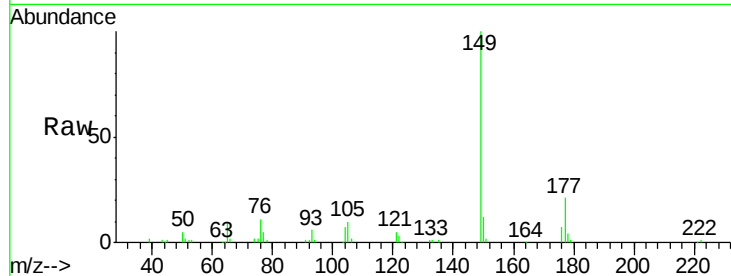




#59
Diethylphthalate
Concen: 40.32 ng
RT: 15.63 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

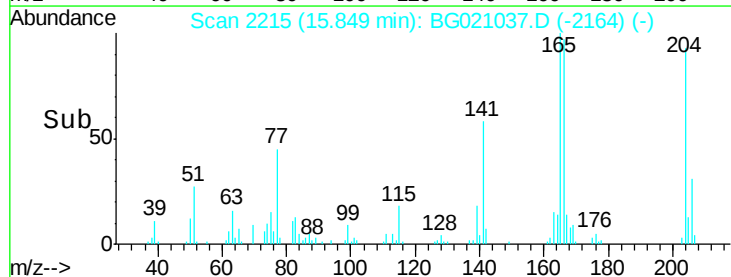
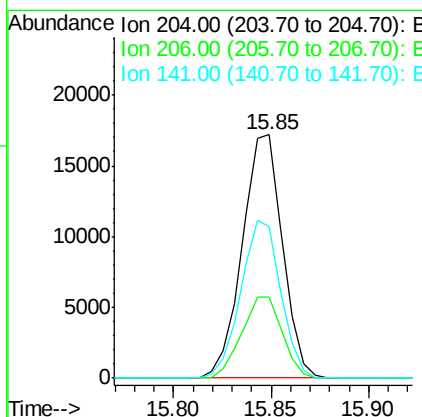
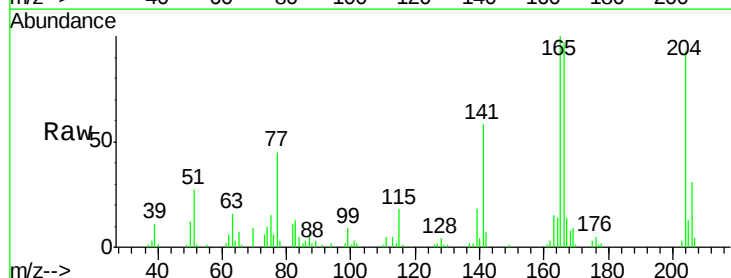
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

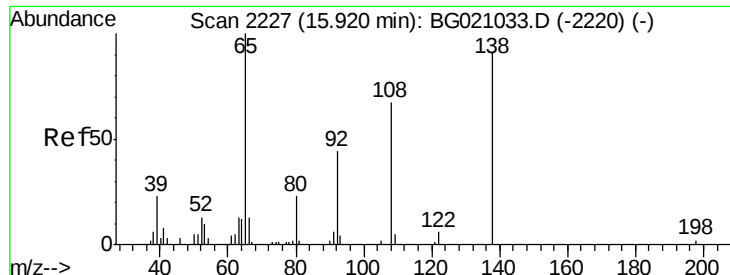
Tgt Ion:149 Resp: 57755
Ion Ratio Lower Upper
149 100
177 20.8 15.8 23.8
150 11.9 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 38.76 ng
RT: 15.85 min Scan# 2215
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:204 Resp: 24517
Ion Ratio Lower Upper
204 100
206 33.6 26.9 40.3
141 62.0 50.8 76.2

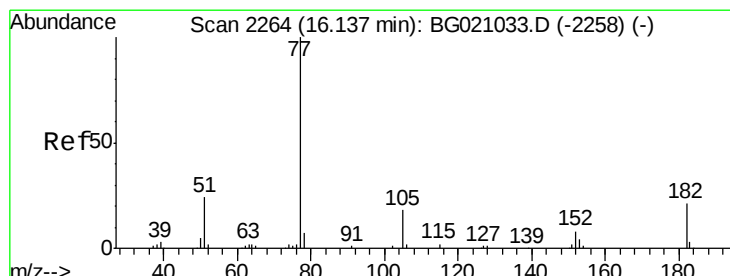
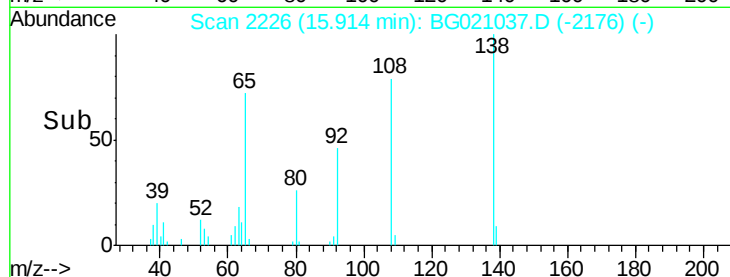
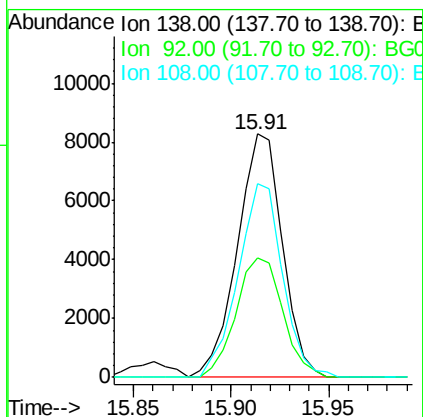
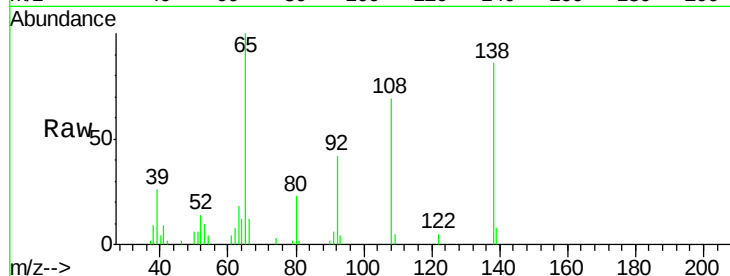




#61
4-Nitroaniline
Concen: 41.10 ng
RT: 15.91 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

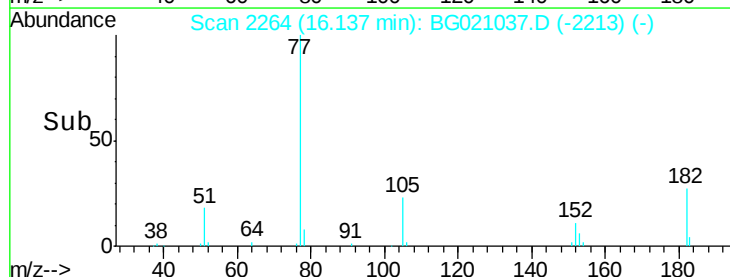
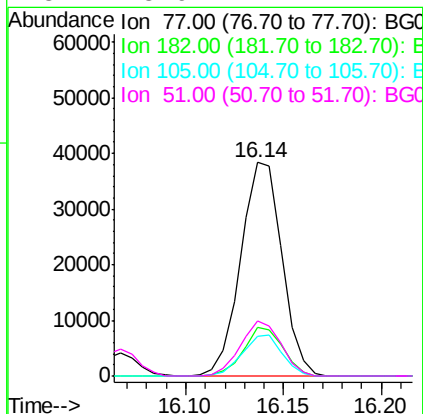
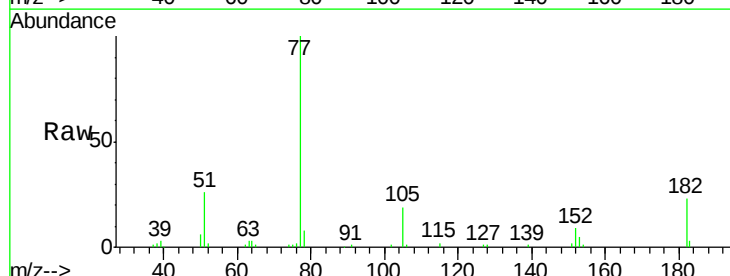
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

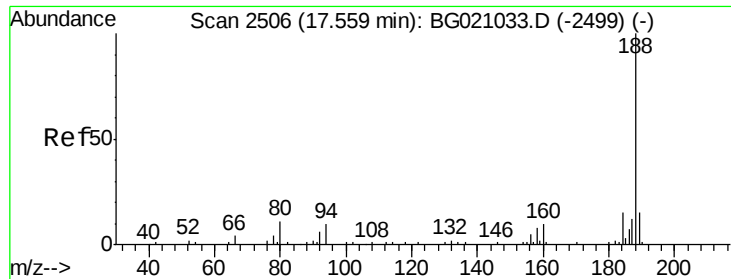
Tgt Ion: 138 Resp: 13226
Ion Ratio Lower Upper
138 100
92 48.9 28.0 68.0
108 79.5 52.6 92.6



#62
Azobenzene
Concen: 45.19 ng
RT: 16.14 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion: 77 Resp: 56101
Ion Ratio Lower Upper
77 100
182 22.5 0.7 40.7
105 18.7 0.0 38.3
51 25.9 4.4 44.4

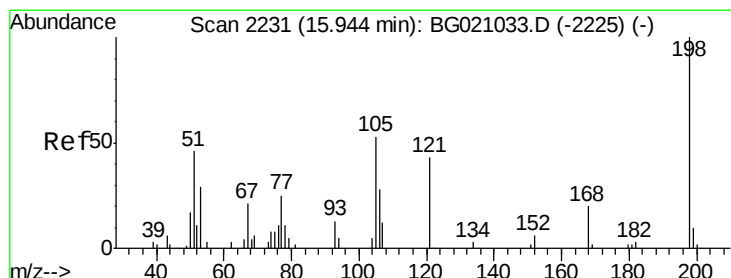
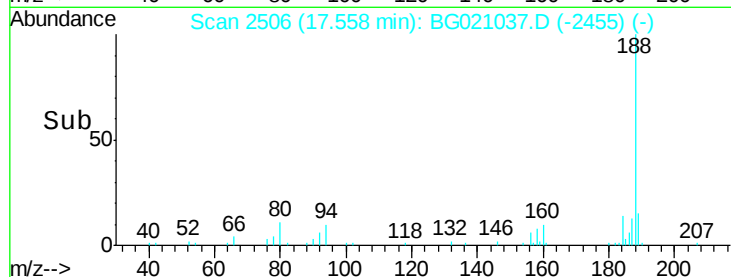
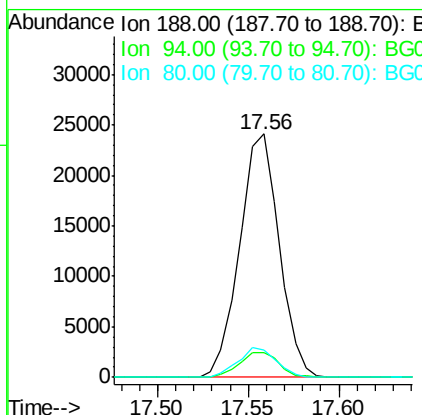
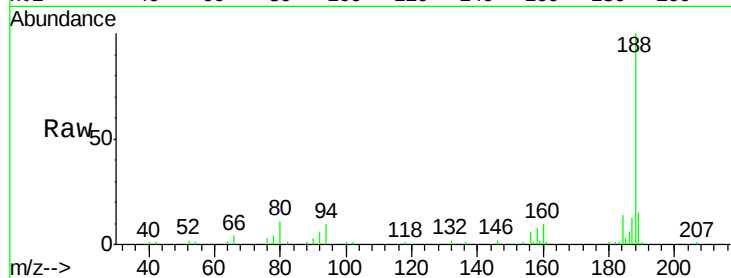




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2506
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

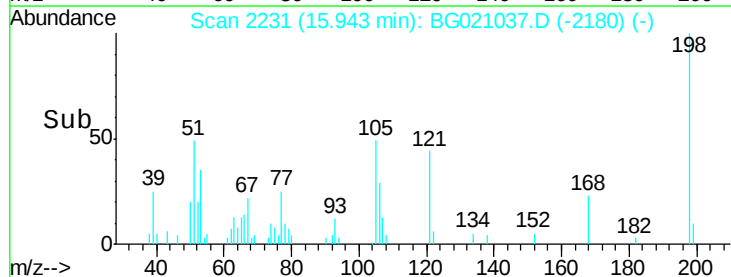
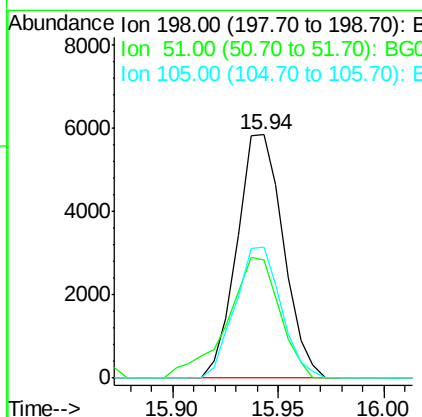
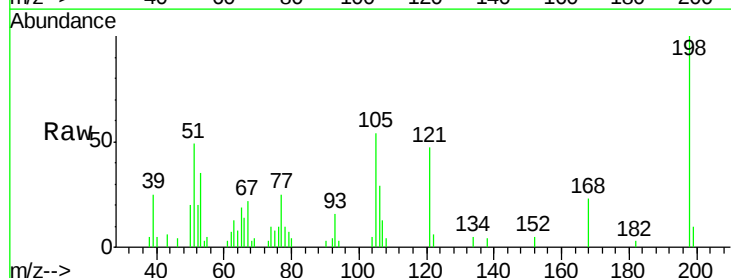
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

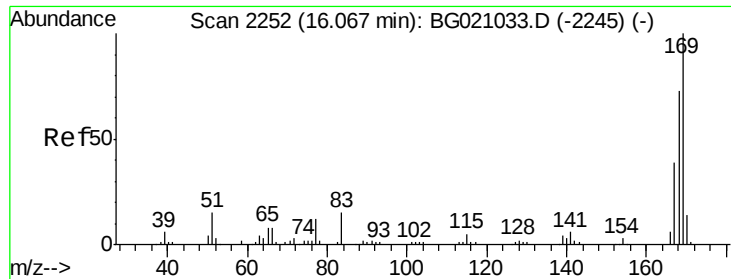
Tgt Ion:188 Resp: 36495
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 11.3 9.2 13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 40.22 ng
RT: 15.94 min Scan# 2231
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:198 Resp: 8892
Ion Ratio Lower Upper
198 100
51 48.5 30.4 70.4
105 54.0 32.8 72.8

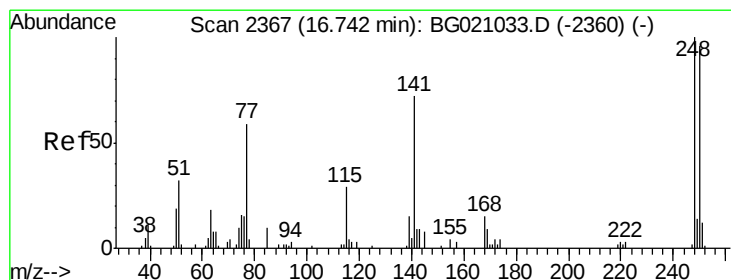
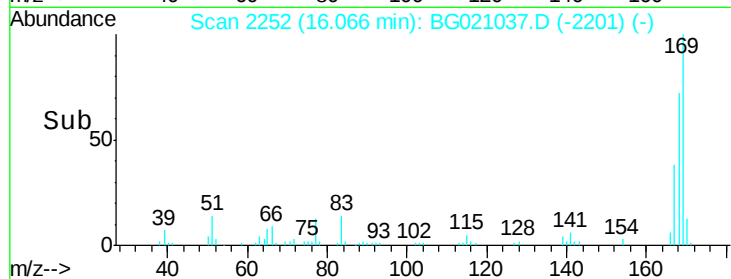
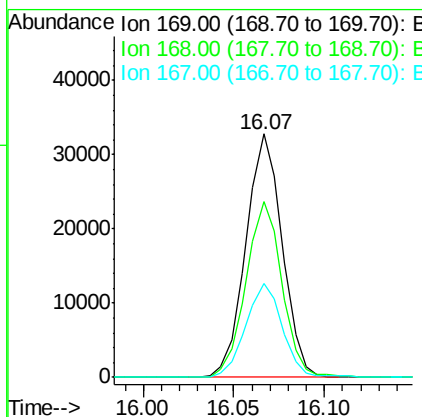
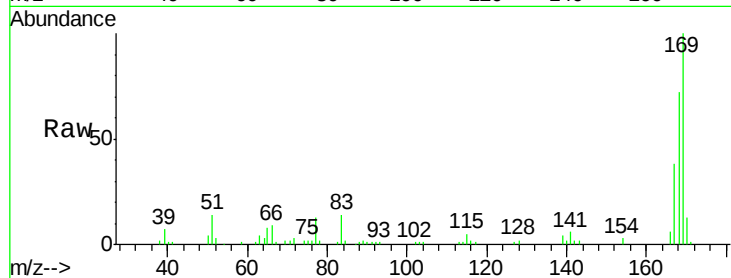




#65
 n-Nitrosodiphenylamine
 Concen: 41.41 ng
 RT: 16.07 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

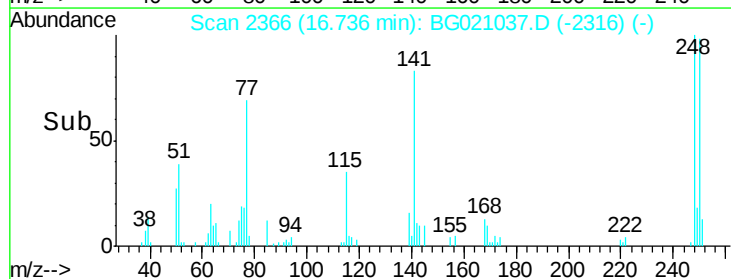
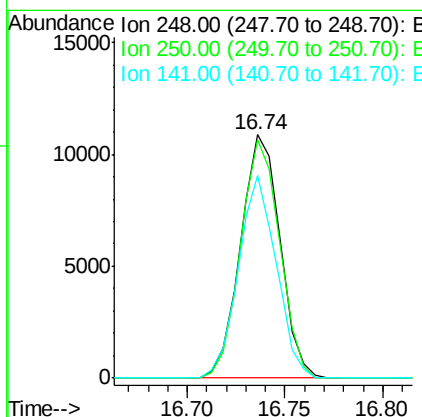
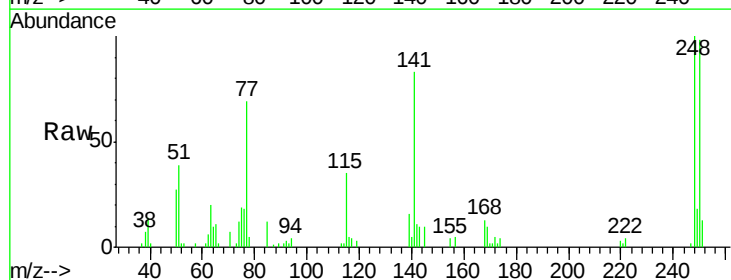
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

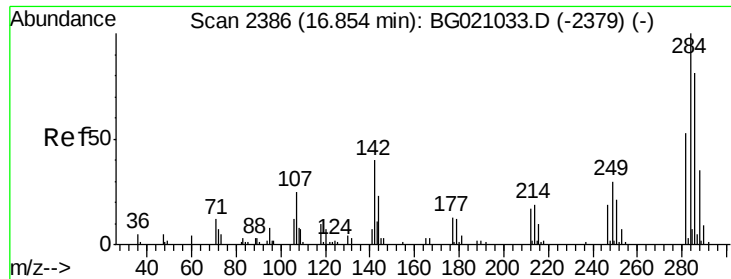
Tgt Ion:169 Resp: 45493
 Ion Ratio Lower Upper
 169 100
 168 72.1 58.2 87.2
 167 38.4 31.0 46.6



#66
 4-Bromophenyl-phenylether
 Concen: 39.71 ng
 RT: 16.74 min Scan# 2366
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:248 Resp: 15249
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.4 114.6
 141 83.4 57.4 86.0

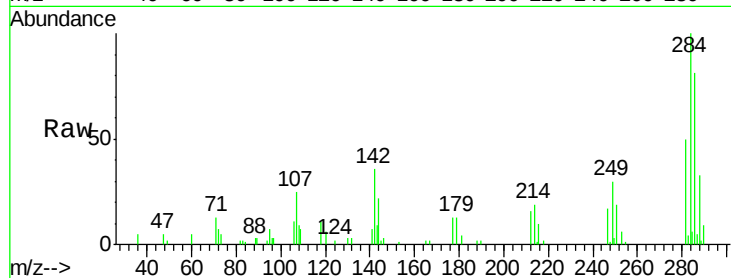




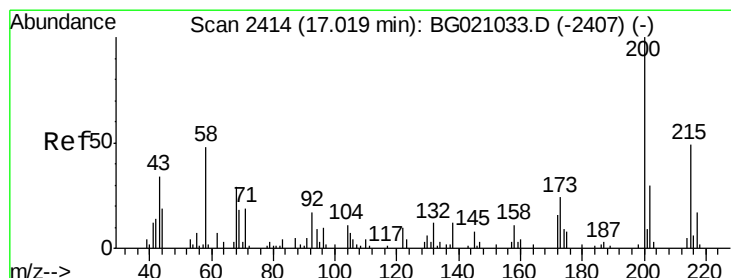
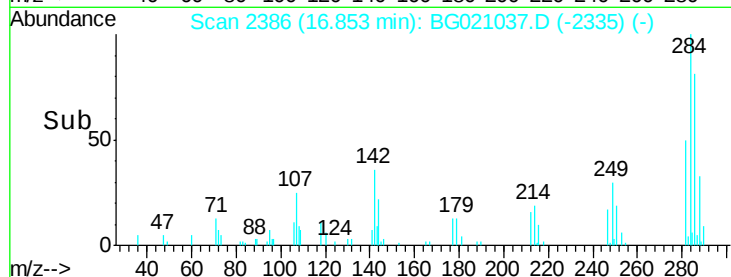
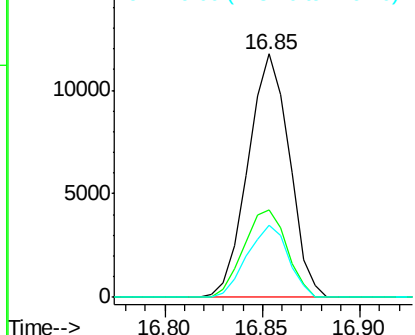
#67
Hexachlorobenzene
Concen: 41.04 ng
RT: 16.85 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Instrument :
BNA_G
ClientSampleId :
ICVBG022316

Tgt Ion:284 Resp: 17255
Ion Ratio Lower Upper
284 100
142 35.9 32.1 48.1
249 29.8 24.0 36.0

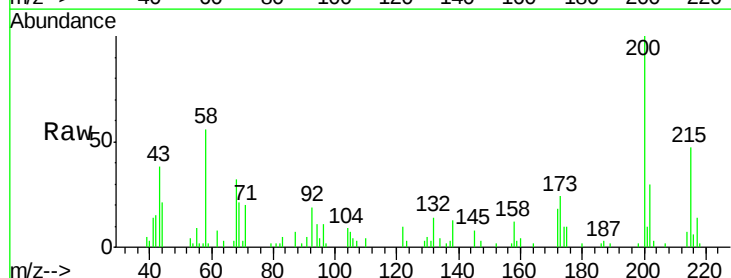


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

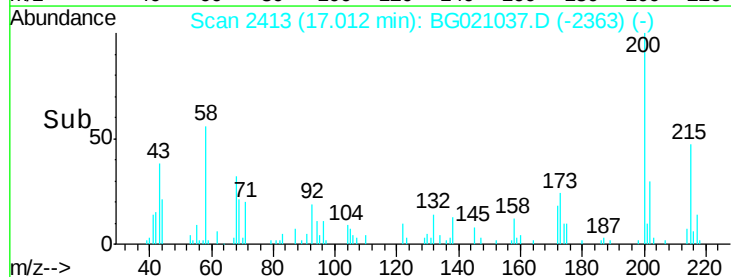
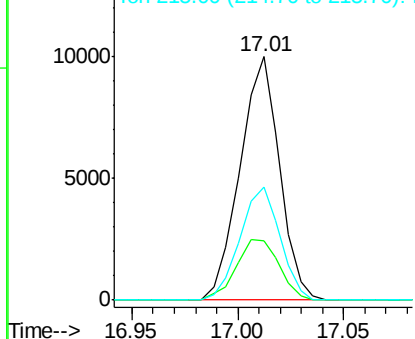


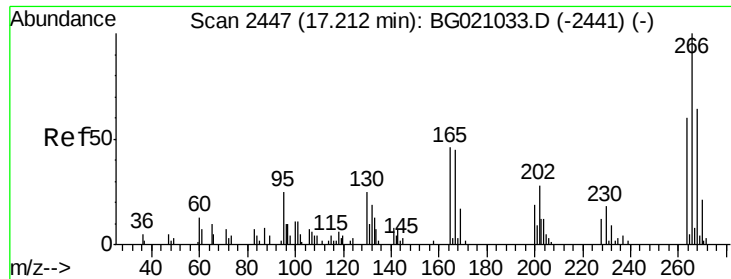
#68
Atrazine
Concen: 37.57 ng
RT: 17.01 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:200 Resp: 12940
Ion Ratio Lower Upper
200 100
173 24.2 3.9 43.9
215 46.5 29.0 69.0



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: 40.29 ng

RT: 17.21 min Scan# 2447

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

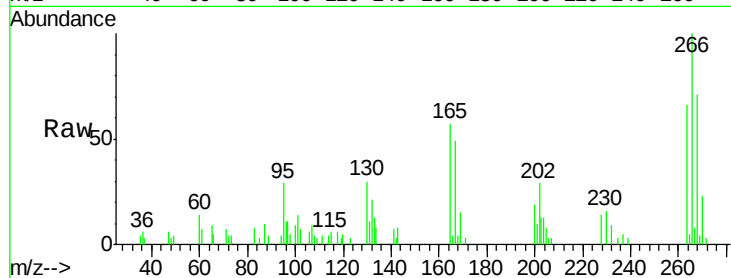
Tgt Ion:266 Resp: 9773

Ion Ratio Lower Upper

266 100

268 71.2 51.0 76.6

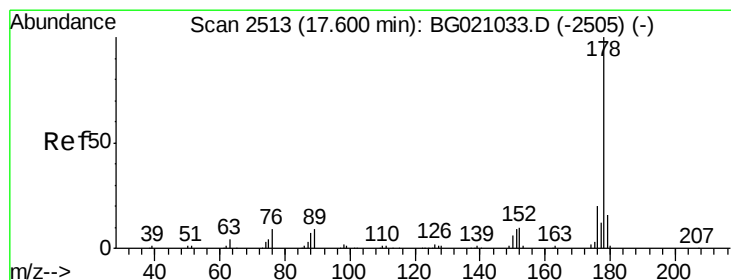
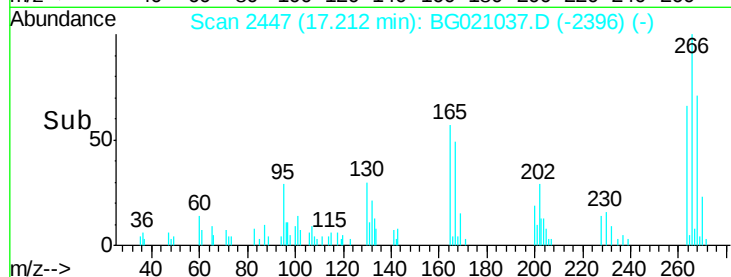
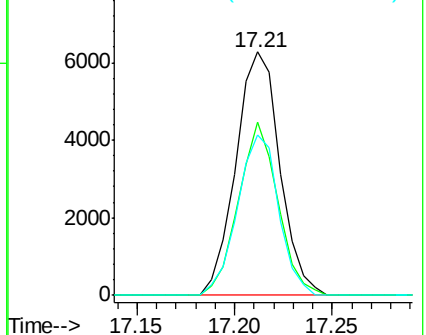
264 66.1 47.8 71.8



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: 41.73 ng

RT: 17.60 min Scan# 2513

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

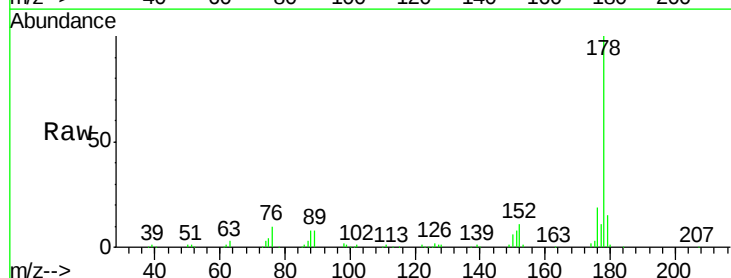
Tgt Ion:178 Resp: 86158

Ion Ratio Lower Upper

178 100

176 19.0 16.2 24.4

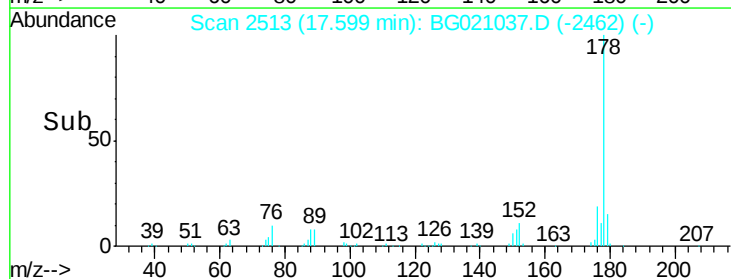
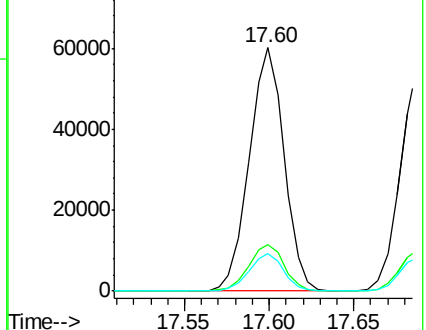
179 15.3 12.9 19.3

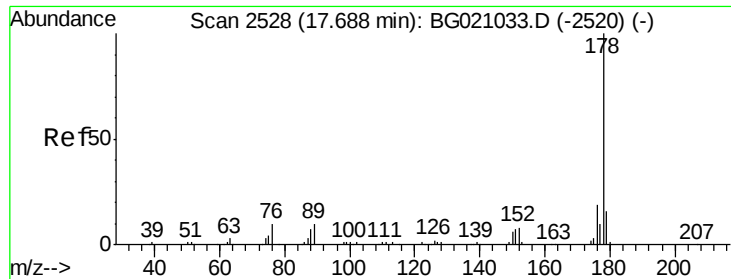


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

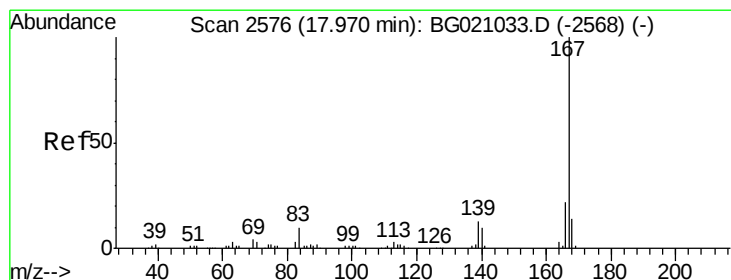
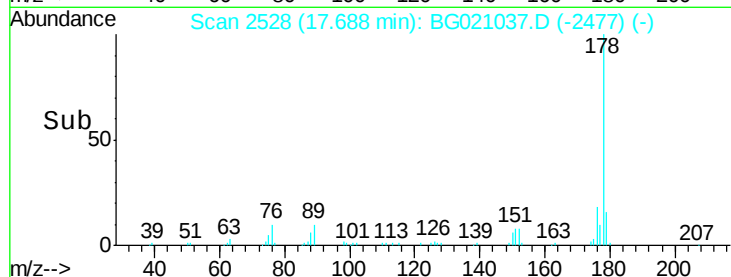
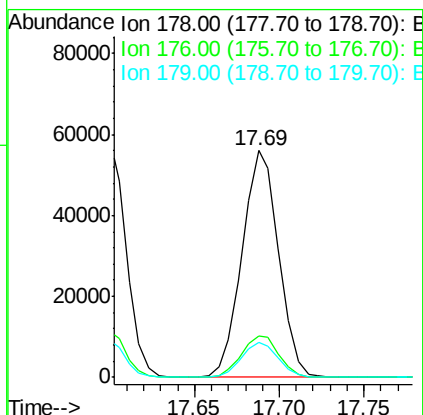
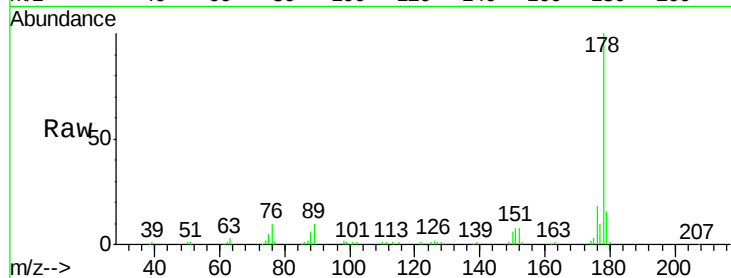




#71
 Anthracene
 Concen: 40.83 ng
 RT: 17.69 min Scan# 2528
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

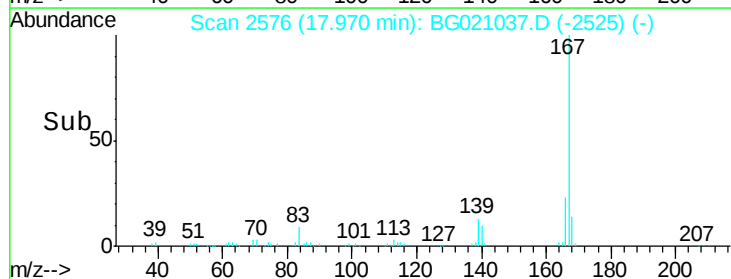
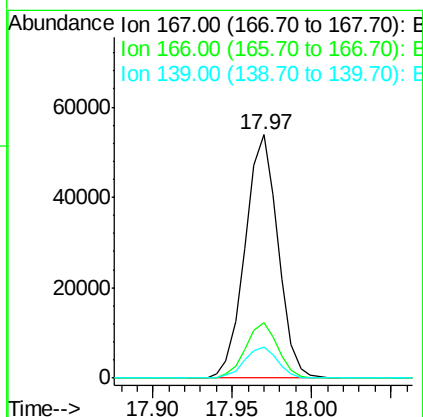
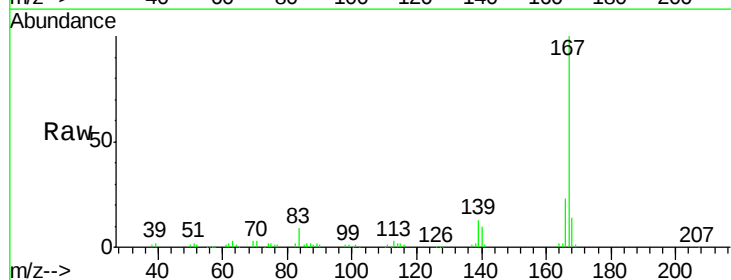
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

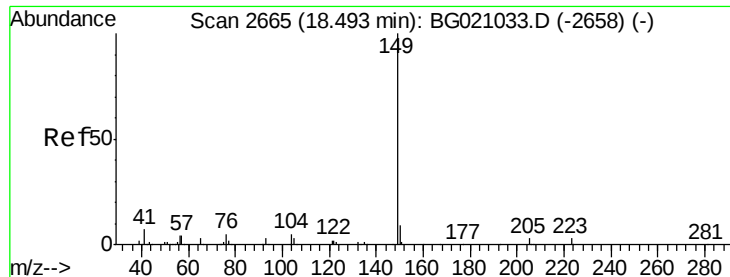
Tgt Ion:178 Resp: 83990
 Ion Ratio Lower Upper
 178 100
 176 18.4 14.8 22.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 41.87 ng
 RT: 17.97 min Scan# 2576
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:167 Resp: 77606
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.5 26.3
 139 13.1 10.3 15.5





#73

Di-n-butylphthalate

Concen: 40.92 ng

RT: 18.49 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

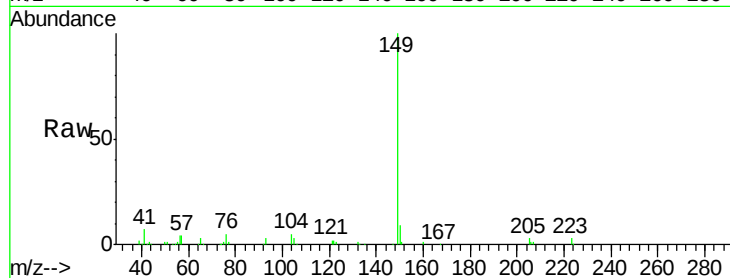
Tgt Ion:149 Resp: 92414

Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

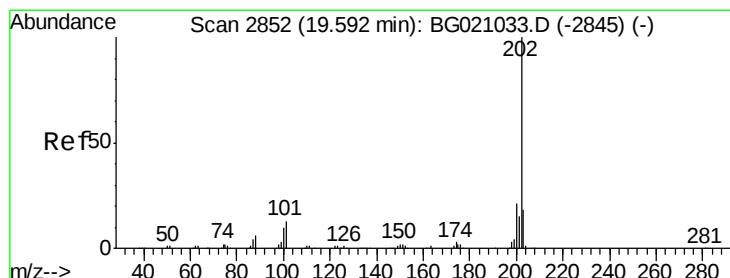
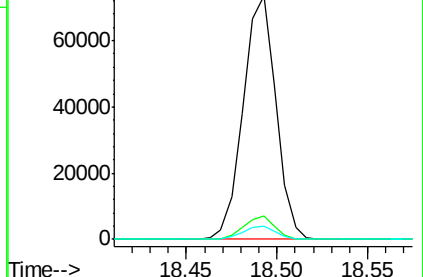
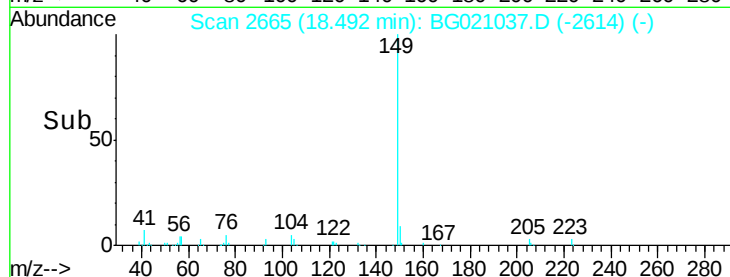
104 5.4 4.1 6.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.07 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

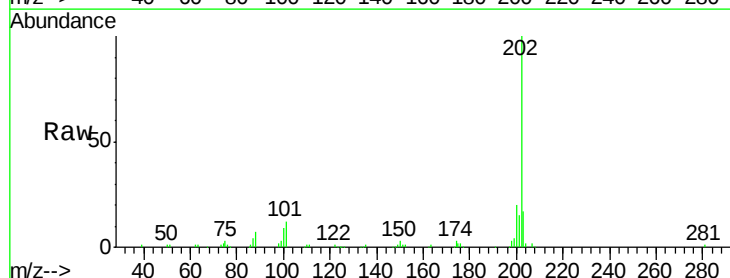
Tgt Ion:202 Resp: 85254

Ion Ratio Lower Upper

202 100

101 12.3 0.0 32.5

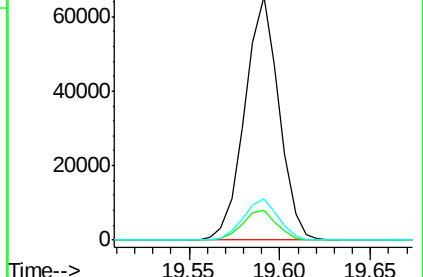
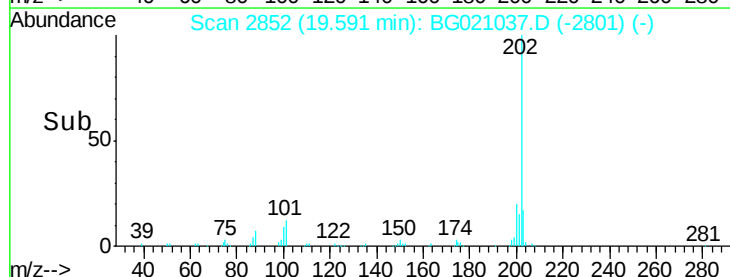
203 16.9 0.0 37.6

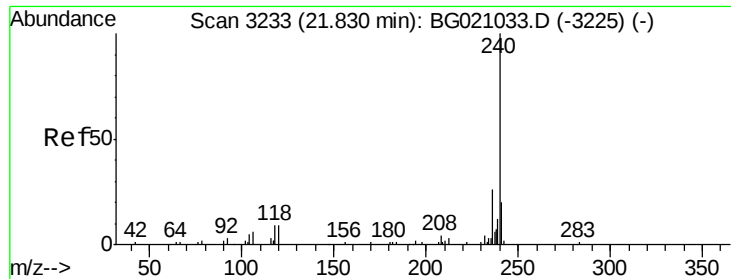


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

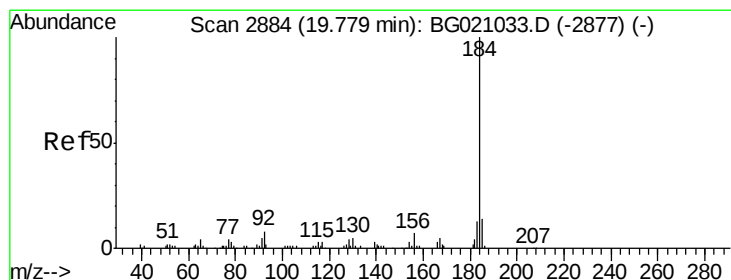
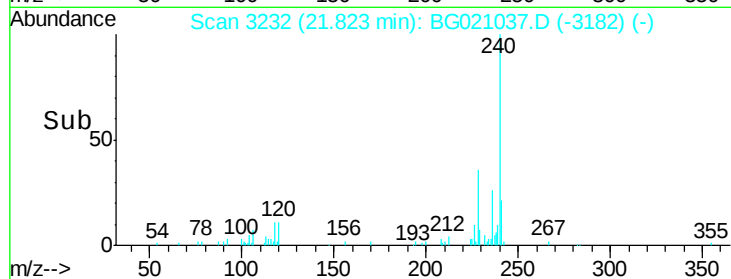
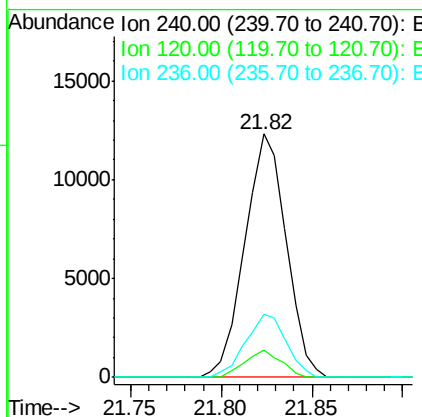
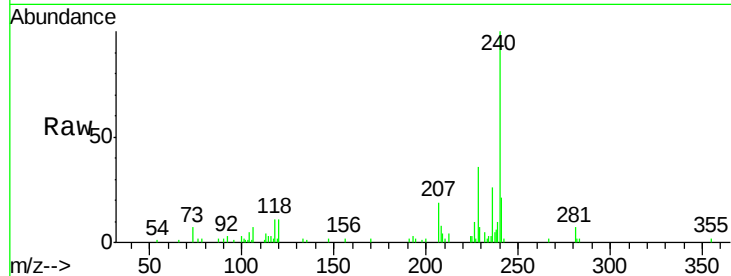




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3232
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

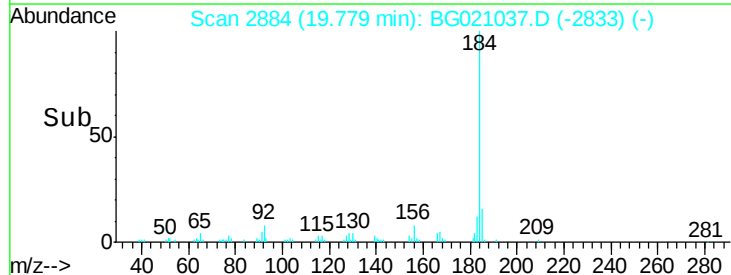
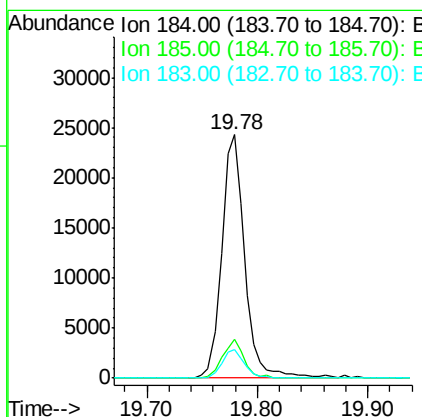
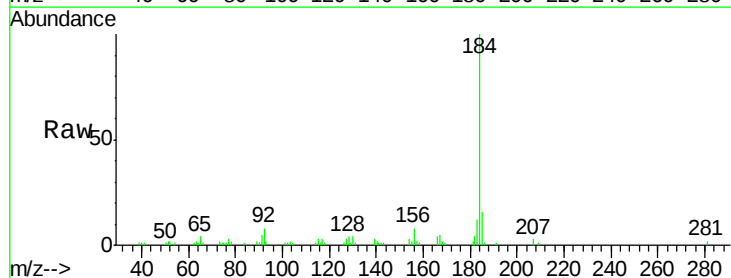
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

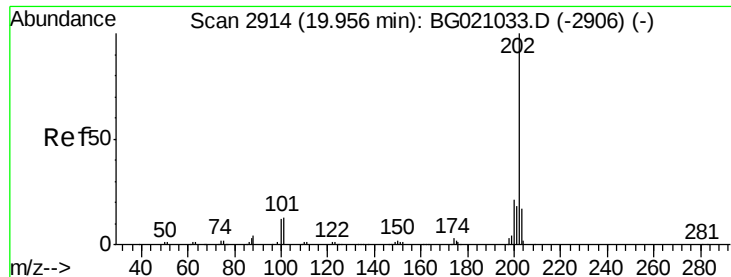
Tgt Ion:240 Resp: 19543
Ion Ratio Lower Upper
240 100
120 11.2 7.5 11.3
236 25.8 20.5 30.7



#76
Benzidine
Concen: 35.51 ng
RT: 19.78 min Scan# 2884
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:184 Resp: 35300
Ion Ratio Lower Upper
184 100
185 16.0 11.5 17.3
183 11.5 10.1 15.1

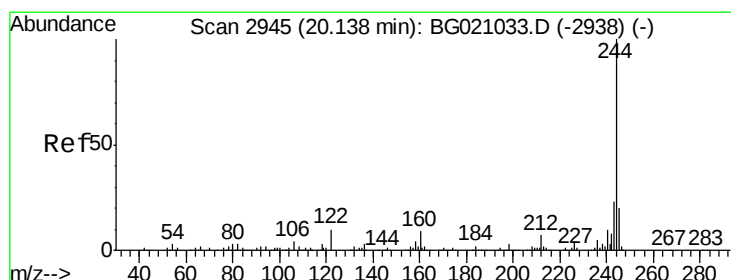
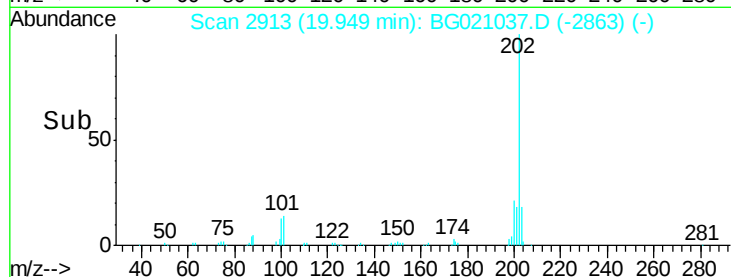
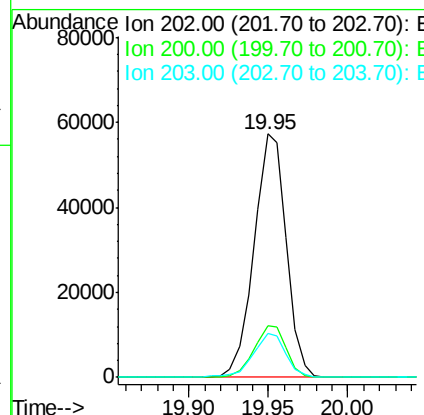
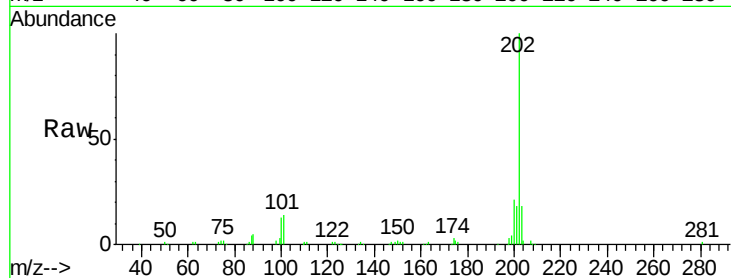




#77
Pyrene
Concen: 36.15 ng
RT: 19.95 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

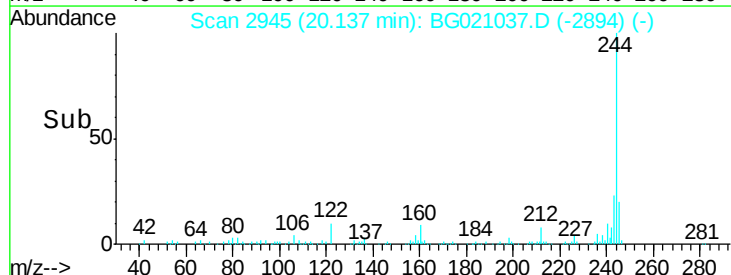
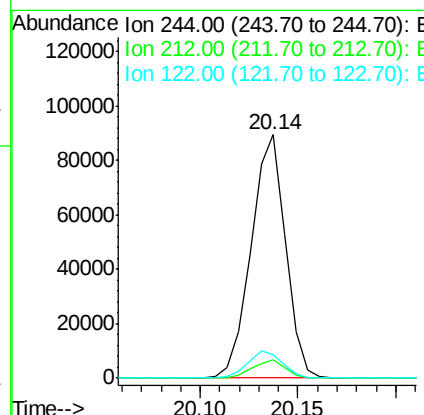
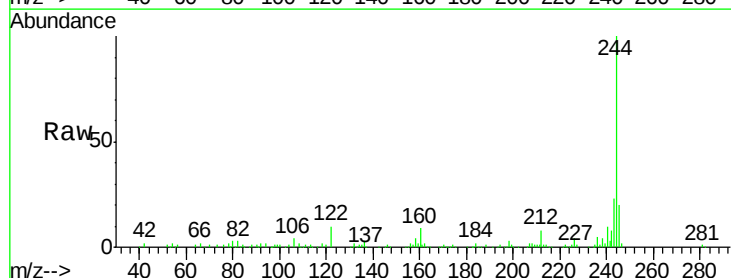
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

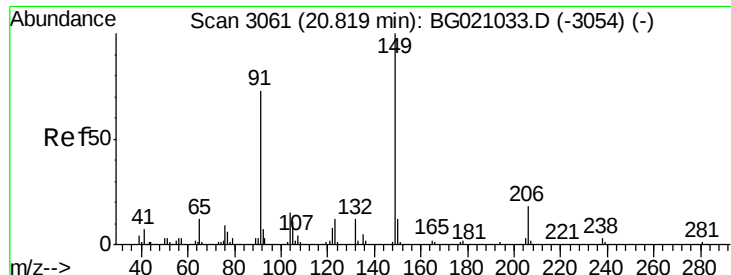
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	18.0	13.8	20.8



#78
Terphenyl-d14
Concen: 72.32 ng
RT: 20.14 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.6
122	9.8	8.3	12.5





#79

Butylbenzylphthalate

Concen: 38.89 ng

RT: 20.81 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

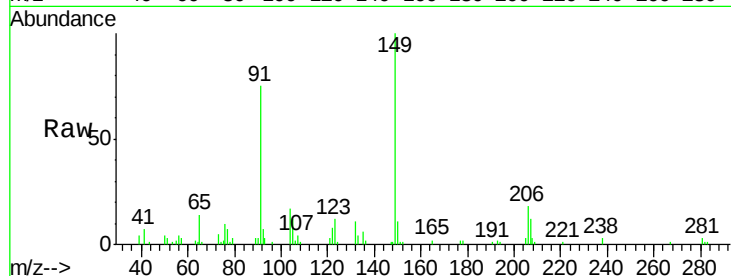
Tgt Ion:149 Resp: 30620

Ion Ratio Lower Upper

149 100

91 74.6 58.6 87.8

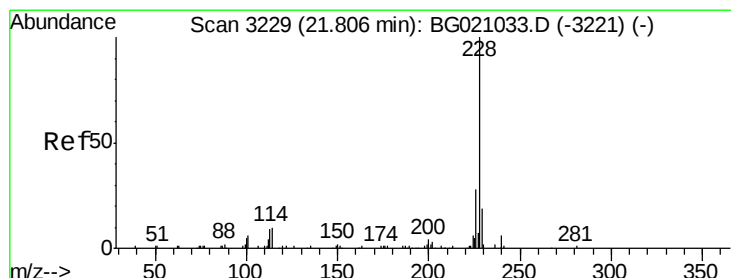
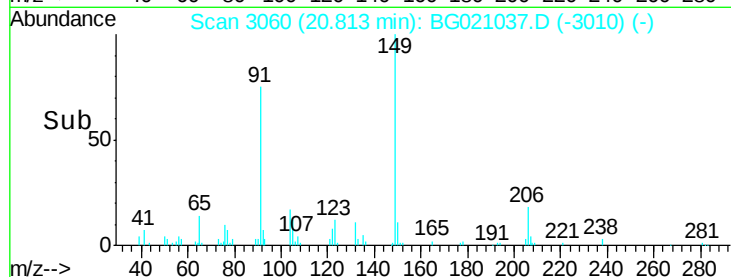
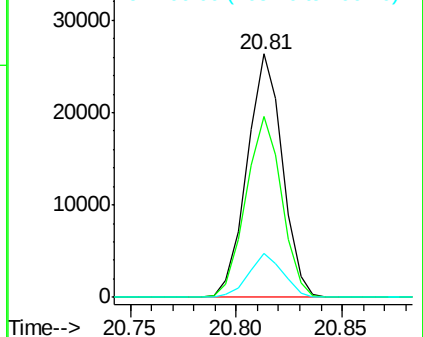
206 17.9 14.2 21.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.23 ng

RT: 21.80 min Scan# 3228

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

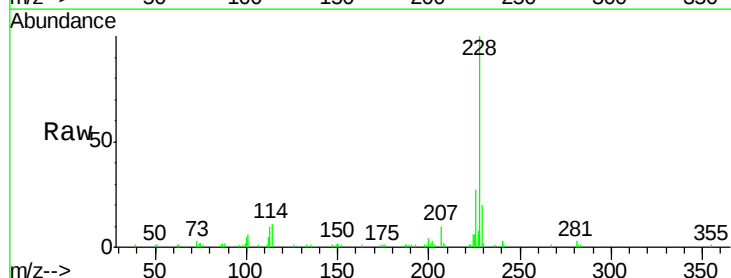
Tgt Ion:228 Resp: 48317

Ion Ratio Lower Upper

228 100

226 26.9 22.7 34.1

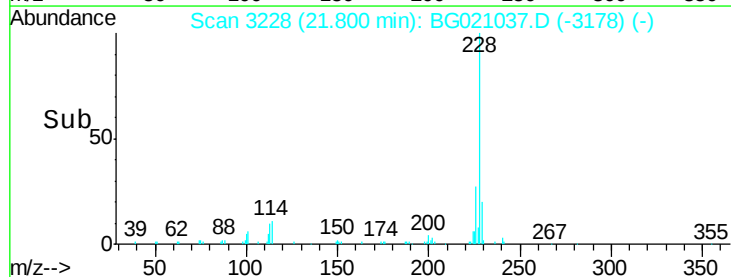
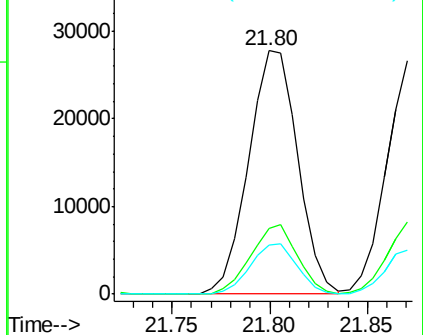
229 20.2 15.5 23.3

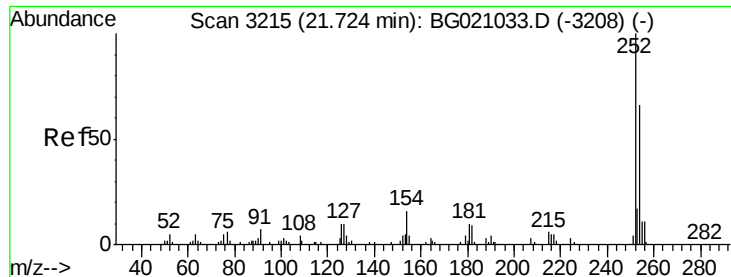


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

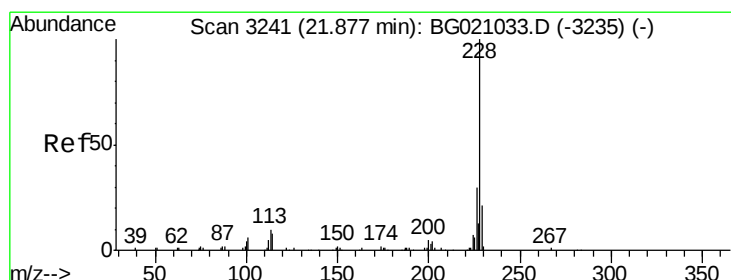
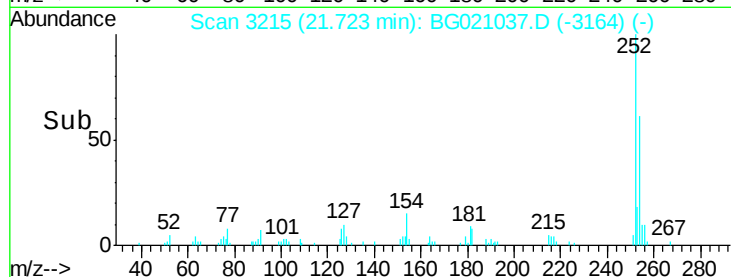
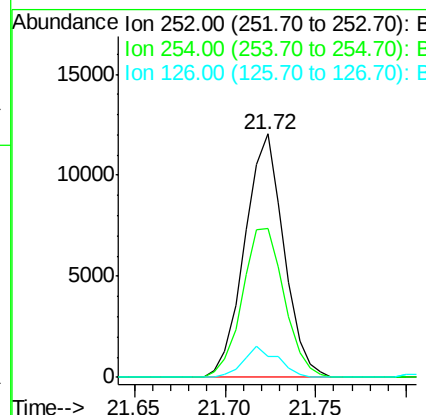
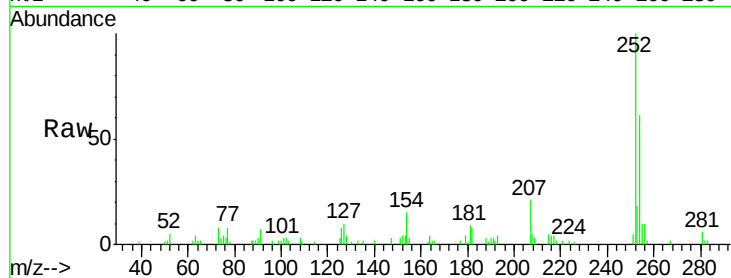




#81
 3,3'-Dichlorobenzidine
 Concen: 41.70 ng
 RT: 21.72 min Scan# 3215
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

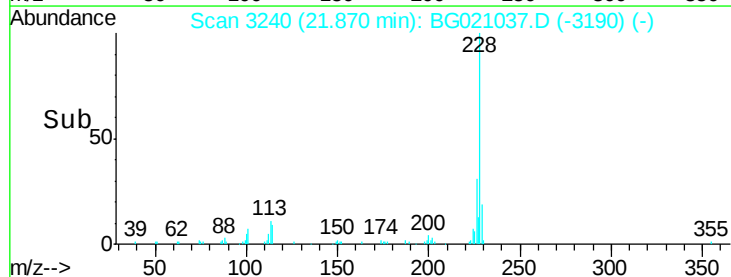
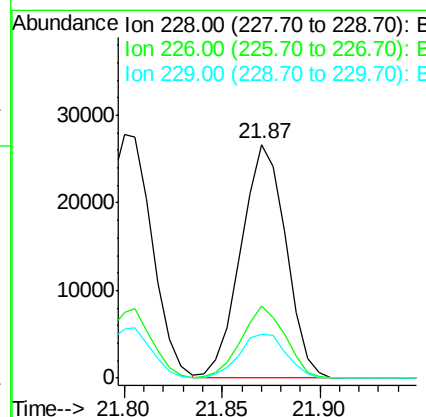
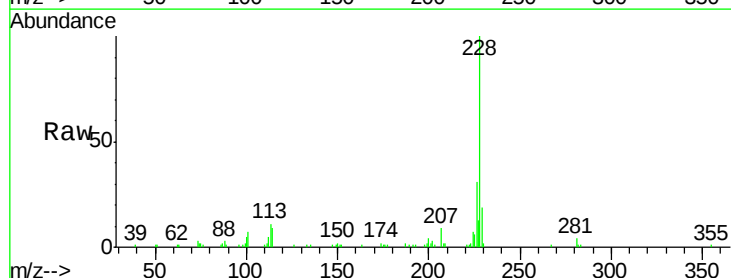
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

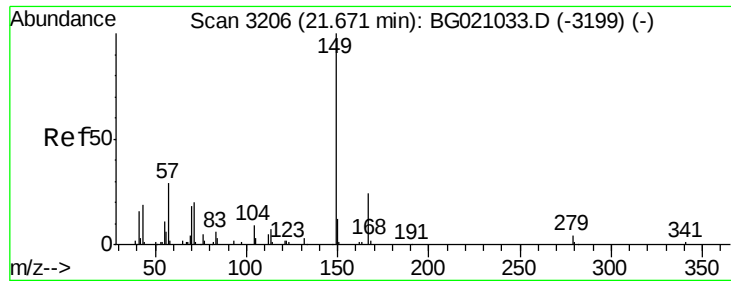
Tgt Ion:252 Resp: 18044
 Ion Ratio Lower Upper
 252 100
 254 61.4 52.6 79.0
 126 8.5 8.3 12.5



#82
 Chrysene
 Concen: 38.93 ng
 RT: 21.87 min Scan# 3240
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion:228 Resp: 42565
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.7 35.5
 229 18.9 16.7 25.1

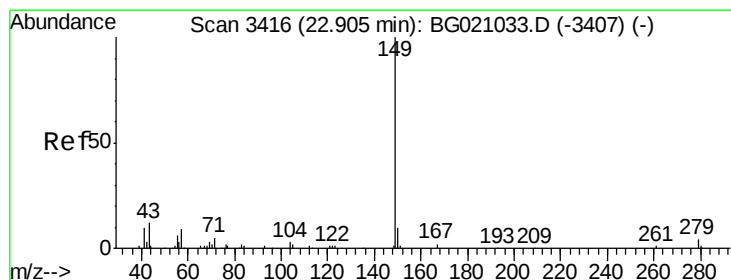
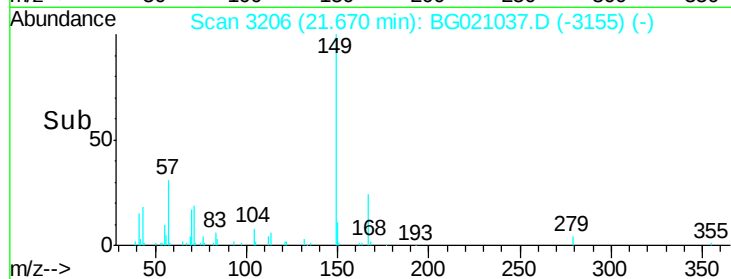
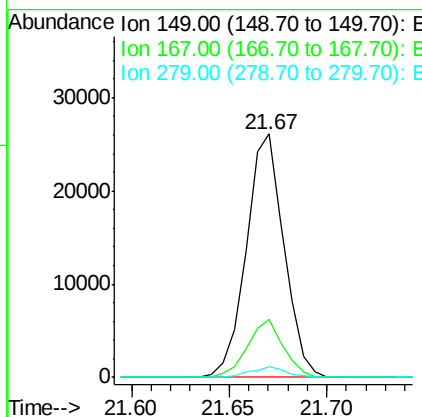
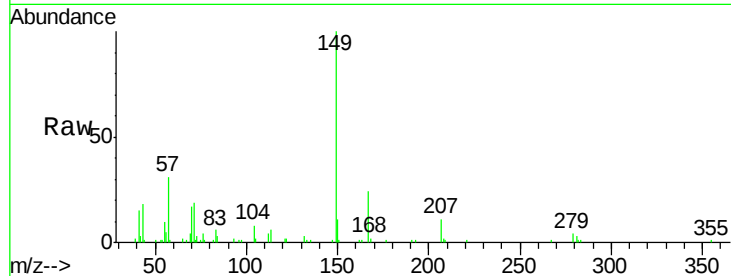




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.33 ng
 RT: 21.67 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

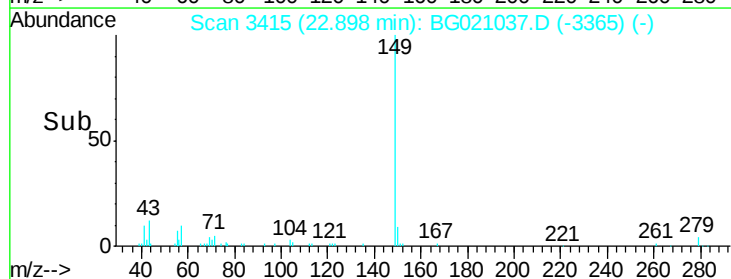
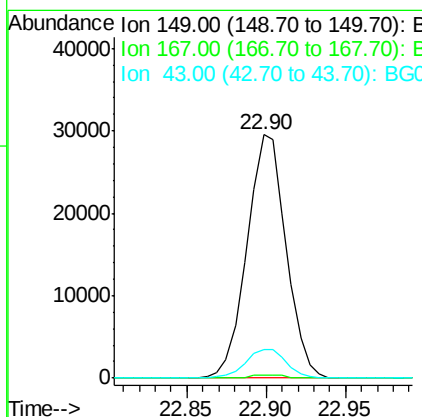
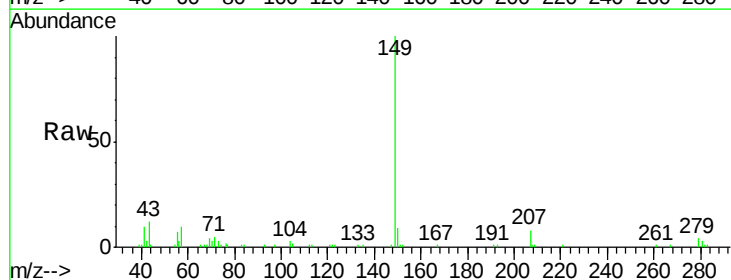
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG022316

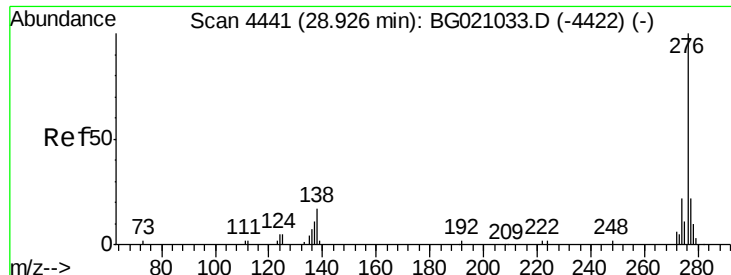
Tgt Ion	Ratio	Lower	Upper
149	100		
167	23.6	18.9	28.3
279	4.2	3.0	4.6



#84
 Di-n-octyl phthalate
 Concen: 41.30 ng
 RT: 22.90 min Scan# 3415
 Delta R.T. -0.01 min
 Lab File: BG021037.D
 Acq: 23 Feb 2016 20:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.0	1.1	1.7#
43	12.2	9.8	14.8





#85

Indeno(1,2,3-cd)pyrene

Concen: 41.19 ng

RT: 28.93 min Scan# 4441

Delta R.T. -0.00 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316

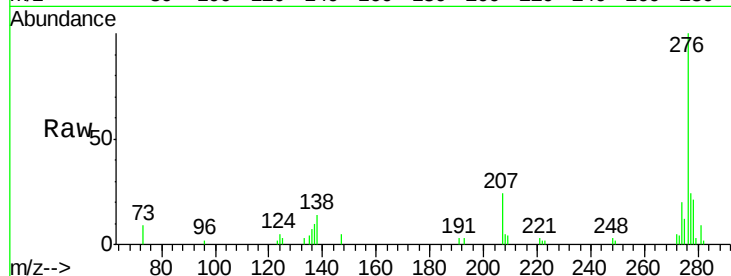
Tgt Ion:276 Resp: 40506

Ion Ratio Lower Upper

276 100

138 10.2 0.0 0.0#

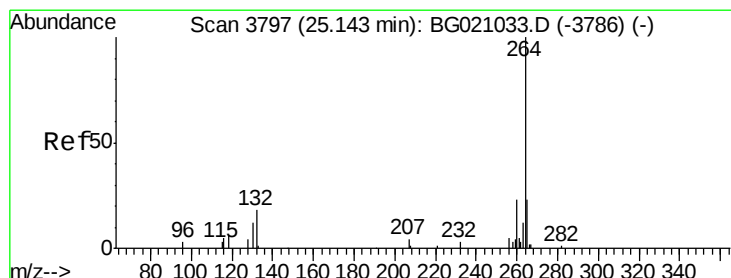
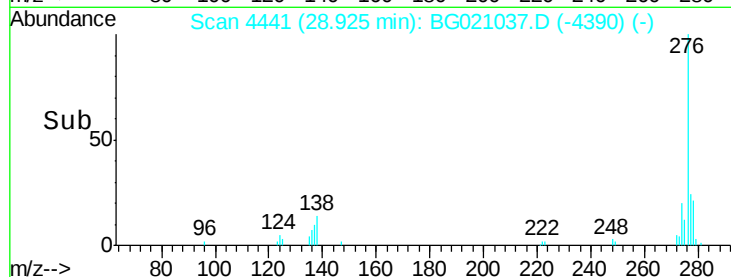
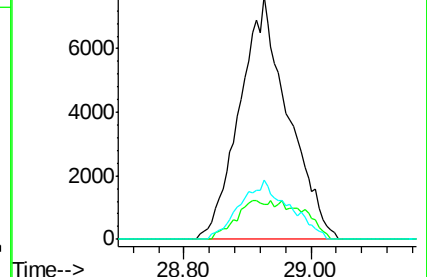
277 24.5 0.0 0.0#



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: 25.13 min Scan# 3795

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

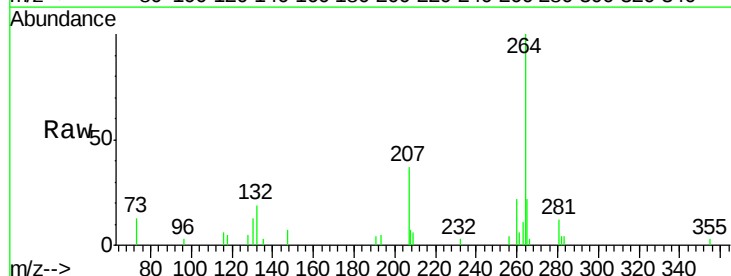
Tgt Ion:264 Resp: 15930

Ion Ratio Lower Upper

264 100

260 22.4 18.5 27.7

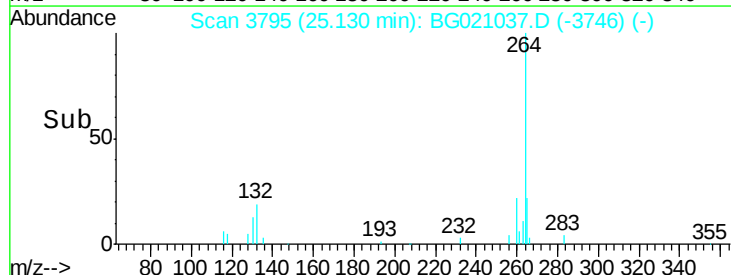
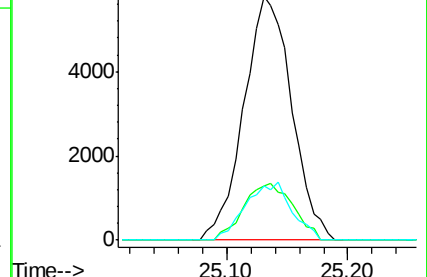
265 22.4 18.6 28.0

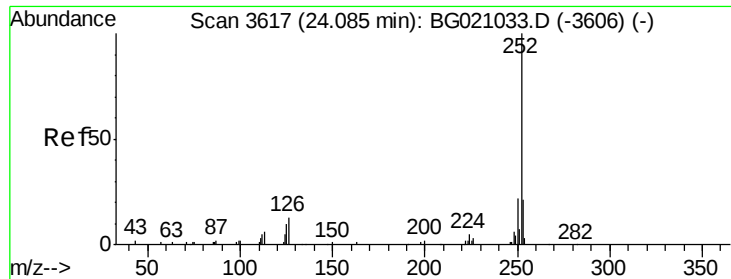


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

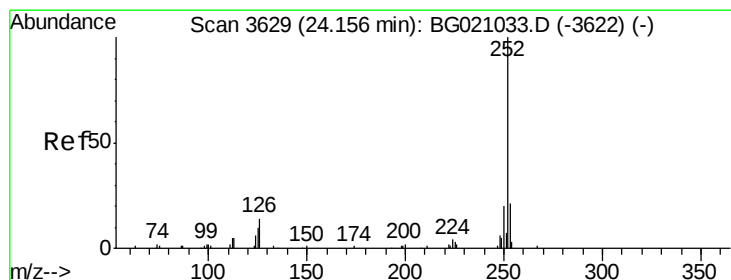
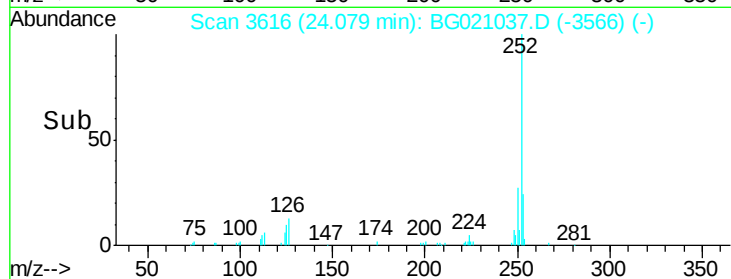
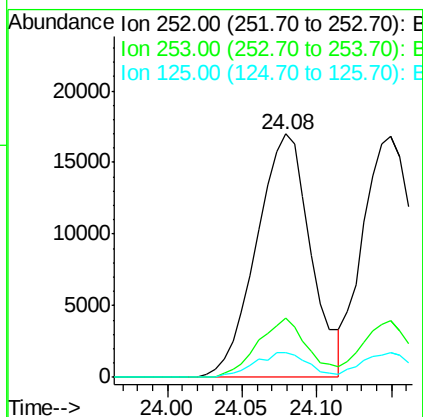
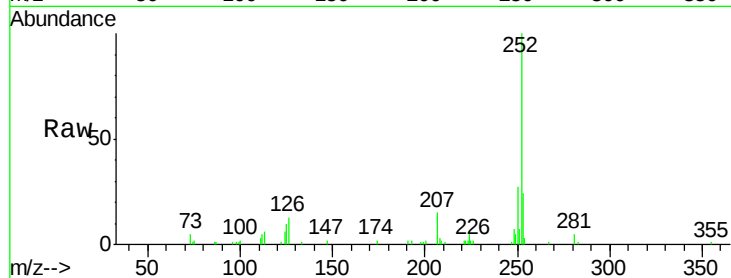




#87
Benzo(b)fluoranthene
Concen: 40.90 ng
RT: 24.08 min Scan# 3616
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

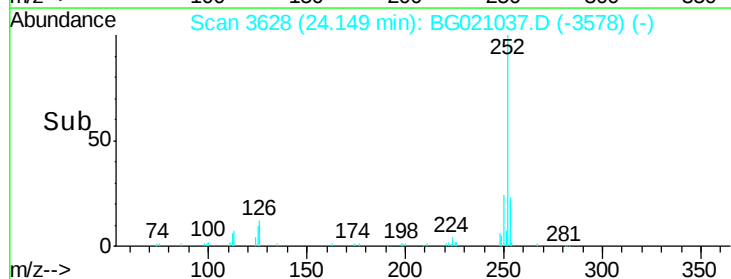
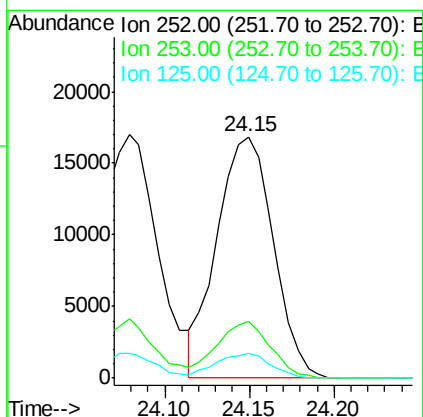
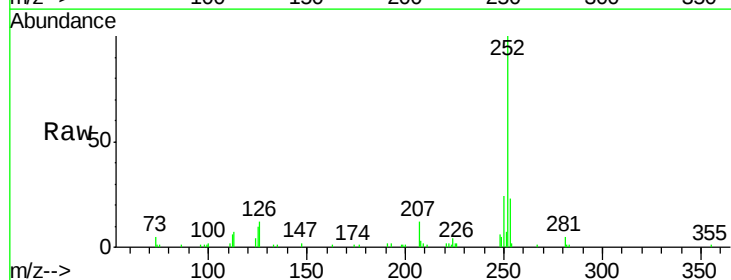
Instrument :
BNA_G
ClientSampleId :
ICVBG022316

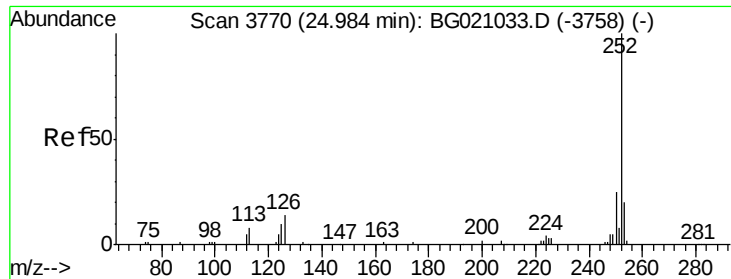
Tgt Ion:252 Resp: 42959
Ion Ratio Lower Upper
252 100
253 24.1 16.8 25.2
125 10.0 8.2 12.2



#88
Benzo(k)fluoranthene
Concen: 39.41 ng
RT: 24.15 min Scan# 3628
Delta R.T. -0.01 min
Lab File: BG021037.D
Acq: 23 Feb 2016 20:29

Tgt Ion:252 Resp: 39053
Ion Ratio Lower Upper
252 100
253 23.3 16.4 24.6
125 10.4 8.2 12.2





#89

Benzo(a)pyrene

Concen: 41.52 ng

RT: 24.98 min Scan# 3769

Delta R.T. -0.01 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

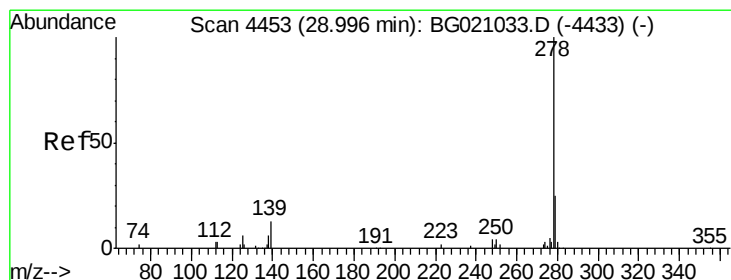
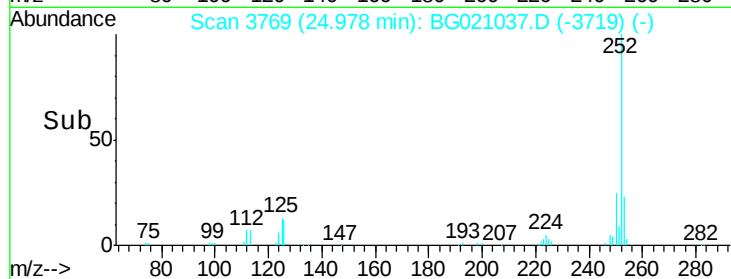
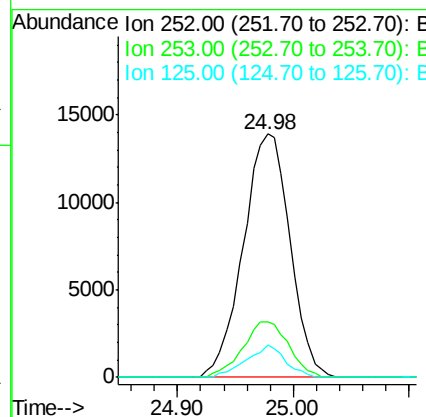
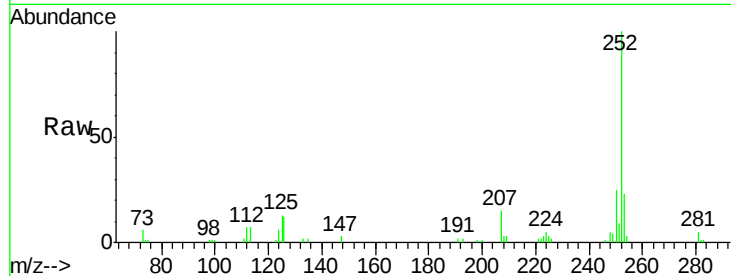
Instrument :

BNA_G

ClientSampleId :

ICVBG022316

Tgt Ion:	252	Resp:	39076
Ion	Ratio	Lower	Upper
252	100		
253	22.6	15.8	23.8
125	13.1	8.4	12.6#



#90

Dibenzo(a,h)anthracene

Concen: 40.20 ng

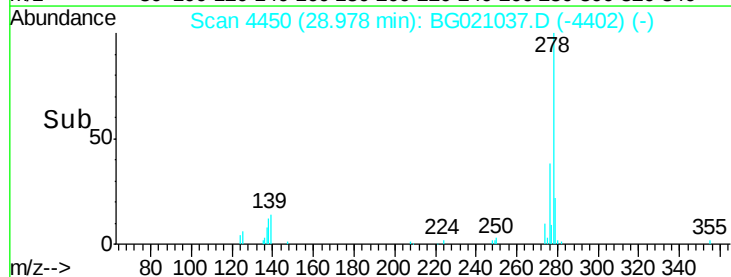
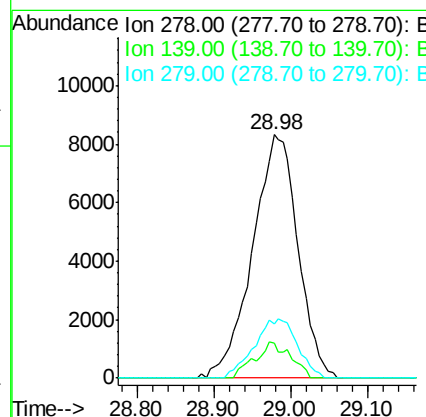
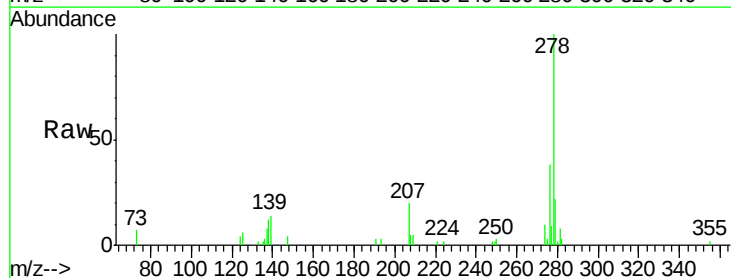
RT: 28.98 min Scan# 4450

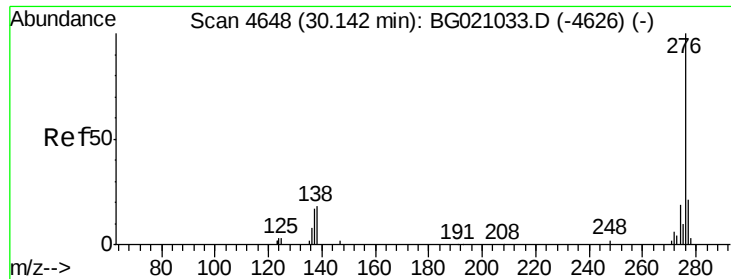
Delta R.T. -0.02 min

Lab File: BG021037.D

Acq: 23 Feb 2016 20:29

Tgt Ion:	278	Resp:	34075
Ion	Ratio	Lower	Upper
278	100		
139	14.1	10.6	15.8
279	22.3	19.7	29.5





#91

Benzo(g,h,i)perylene

Concen: 39.79 ng

RT: 30.12 min Scan# 4644

Delta R.T. -0.02 min

Lab File: BG021037.D

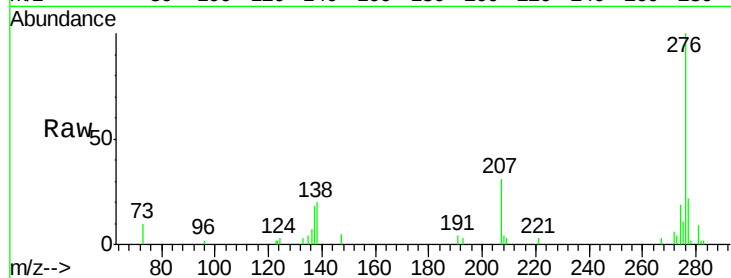
Acq: 23 Feb 2016 20:29

Instrument :

BNA_G

ClientSampleId :

ICVBG022316



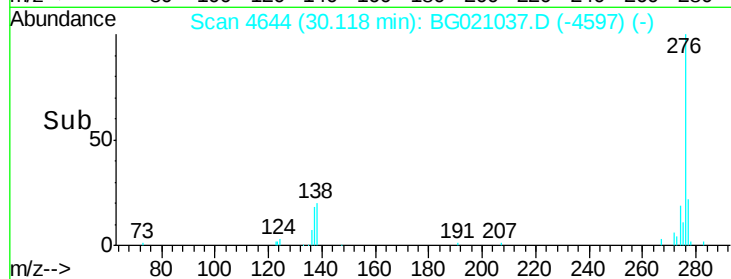
Tgt Ion: 276 Resp: 33657

Ion Ratio Lower Upper

276 100

277 22.0 16.6 25.0

138 20.2 14.6 21.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

