

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
 Data File : BG020996.D
 Acq On : 20 Feb 2016 6:44
 Operator : SJ/UM
 Sample : H1520-05MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Quant Time: Feb 21 22:49:38 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	20542	20.00	ng	-0.01
21) Naphthalene-d8	11.09	136	103674	20.00	ng	-0.01
38) Acenaphthene-d10	14.88	164	66925	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	144938	20.00	ng	-0.01
75) Chrysene-d12	21.89	240	135648	20.00	ng	-0.02
86) Perylene-d12	25.26	264	127461	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	177968	145.90	ng	0.00
7) Phenol-d6	7.41	99	250650	140.59	ng	0.00
23) Nitrobenzene-d5	9.43	82	133822	84.87	ng	-0.01
41) 2,4,6-Tribromophenol	16.36	330	96273	146.28	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	323793	67.96	ng	-0.01
78) Terphenyl-d14	20.19	244	457186	78.63	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.63	88	16566	37.35	ng	98
3) Pyridine	4.04	79	10127	7.72	ng	96
4) n-Nitrosodimethylamine	3.95	42	14431	42.05	ng	96
6) Aniline	7.57	93	38425	17.28	ng	99
8) 2-Chlorophenol	7.82	128	71836	47.14	ng	98
9) Benzaldehyde	7.39	77	11901	13.33	ng	97
10) Phenol	7.43	94	91031	48.25	ng	99
11) bis(2-Chloroethyl)ether	7.67	93	63773	42.32	ng	96
12) 1,3-Dichlorobenzene	8.15	146	65693	40.78	ng	98
13) 1,4-Dichlorobenzene	8.30	146	68059	41.66	ng	97
14) 1,2-Dichlorobenzene	8.62	146	65911	41.48	ng	98
15) Benzyl Alcohol	8.50	79	53708	47.79	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.79	45	61059	38.84	ng	99
17) 2-Methylphenol	8.70	107	63997	47.08	ng	98
18) Hexachloroethane	9.35	117	23058	41.05	ng	98
19) n-Nitroso-di-n-propylamine	9.06	70	48415	42.09	ng	# 98
20) 3+4-Methylphenols	9.03	107	89944	47.49	ng	99
22) Acetophenone	9.08	105	100345	40.15	ng	# 98
24) Nitrobenzene	9.47	77	67900	41.31	ng	100
25) Isophorone	10.00	82	139967	42.11	ng	98
26) 2-Nitrophenol	10.19	139	40138	46.40	ng	97
27) 2,4-Dimethylphenol	10.24	122	74866	45.17	ng	97
28) bis(2-Chloroethoxy)methane	10.48	93	93414	45.61	ng	99
29) 2,4-Dichlorophenol	10.72	162	75417	50.77	ng	99
30) 1,2,4-Trichlorobenzene	10.94	180	63684	42.56	ng	97
31) Naphthalene	11.13	128	230333	42.95	ng	99
32) Benzoic acid	10.36	122	45930	34.55	ng	98
33) 4-Chloroaniline	11.24	127	22924	9.94	ng	99
34) Hexachlorobutadiene	11.41	225	31634	41.48	ng	99
35) Caprolactam	12.01	113	18999	33.38	ng	97
36) 4-Chloro-3-methylphenol	12.34	107	86211	50.65	ng	99
37) 2-Methylnaphthalene	12.72	142	177175	47.08	ng	96
39) 1,2,4,5-Tetrachlorobenzene	13.08	216	75211	38.31	ng	99
40) Hexachlorocyclopentadiene	13.06	237	69093	80.00	ng	100

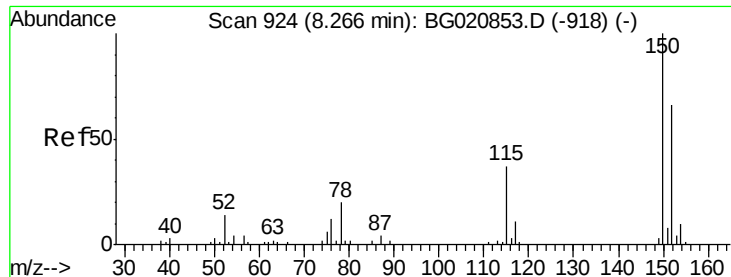
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	62407	47.32	ng	99
43) 2,4,5-Trichlorophenol	13.39	196	67183	48.45	ng	98
45) 1,1'-Biphenyl	13.71	154	230430	39.03	ng	98
46) 2-Chloronaphthalene	13.76	162	174704	41.33	ng	99
47) 2-Nitroaniline	13.96	65	47810	47.23	ng	97
48) Acenaphthylene	14.60	152	311191	42.34	ng	99
49) Dimethylphthalate	14.32	163	310090	59.25	ng	100
50) 2,6-Dinitrotoluene	14.44	165	53423	47.64	ng	98
51) Acenaphthene	14.94	154	190250	42.69	ng	99
52) 3-Nitroaniline	14.78	138	43155	33.12	ng	100
53) 2,4-Dinitrophenol	14.98	184	47092	97.03	ng	91
54) Dibenzofuran	15.27	168	285159	48.37	ng	99
55) 4-Nitrophenol	15.08	139	100118	101.73	ng	97
56) 2,4-Dinitrotoluene	15.22	165	74203	51.19	ng	98
57) Fluorene	15.92	166	245940	45.31	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.49	232	58255	55.13	ng	99
59) Diethylphthalate	15.67	149	246142	45.75	ng	98
60) 4-Chlorophenyl-phenylether	15.90	204	106506	44.18	ng	97
61) 4-Nitroaniline	15.93	138	61789	47.24	ng	97
62) Azobenzene	16.19	77	200697	47.45	ng	97
64) 4,6-Dinitro-2-methylphenol	15.99	198	32877	45.02	ng	96
65) n-Nitrosodiphenylamine	16.12	169	200698	42.86	ng	99
66) 4-Bromophenyl-phenylether	16.79	248	65455	42.76	ng	98
67) Hexachlorobenzene	16.92	284	73089	44.87	ng	98
68) Atrazine	17.05	200	65477	46.08	ng	97
69) Pentachlorophenol	17.26	266	84585	90.58	ng	98
70) Phenanthrene	17.66	178	365198	44.26	ng	99
71) Anthracene	17.74	178	361299	43.14	ng	100
72) Carbazole	18.01	167	340038	45.24	ng	99
73) Di-n-butylphthalate	18.54	149	408763	42.41	ng	100
74) Fluoranthene	19.64	202	390552	43.81	ng	99
76) Benzidine	19.82	184	13977	3.19	ng	95
77) Pyrene	20.01	202	402112	44.94	ng	99
79) Butylbenzylphthalate	20.87	149	186979	43.65	ng	100
80) Benzo(a)anthracene	21.87	228	358239	44.24	ng	98
81) 3,3'-Dichlorobenzidine	21.77	252	58187	19.36	ng	95
82) Chrysene	21.94	228	318623	41.84	ng	100
83) Bis(2-ethylhexyl)phthalate	21.75	149	277875	43.75	ng	99
84) Di-n-octyl phthalate	23.01	149	468435	44.93	ng	99
85) Indeno(1,2,3-cd)pyrene	29.12	276	379973	43.38	ng	97
87) Benzo(b)fluoranthene	24.18	252	347385	44.53	ng	99
88) Benzo(k)fluoranthene	24.26	252	332935	43.56	ng	99
89) Benzo(a)pyrene	25.10	252	328448	44.19	ng	99
90) Dibenzo(a,h)anthracene	29.19	278	313011	43.31	ng	99
91) Benzo(g,h,i)perylene	30.34	276	302336	42.14	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.26 min Scan# 922

Delta R.T. -0.01 min

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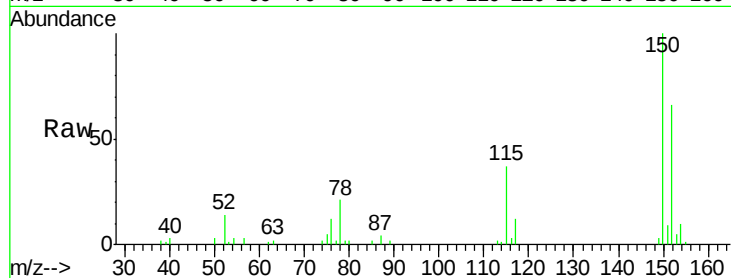
Tgt Ion:152 Resp: 20542

Ion Ratio Lower Upper

152 100

150 151.7 122.0 183.0

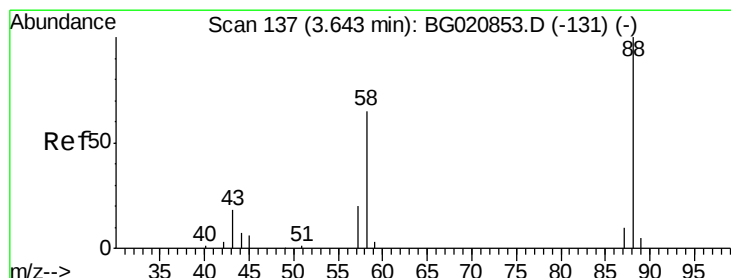
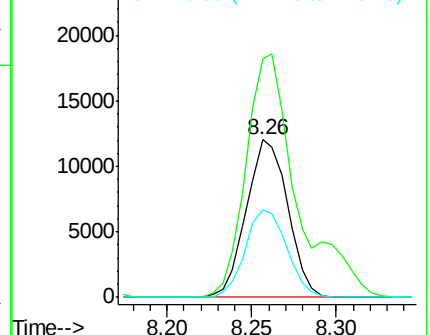
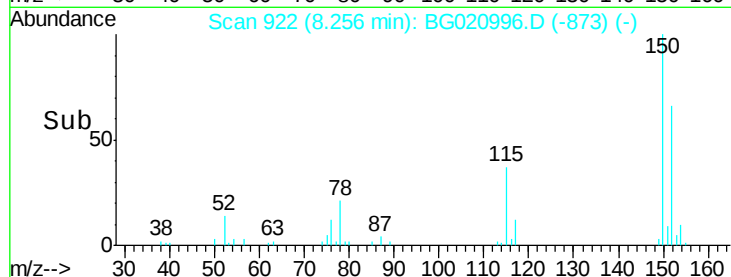
115 55.9 45.2 67.8



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: 37.35 ng

RT: 3.63 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

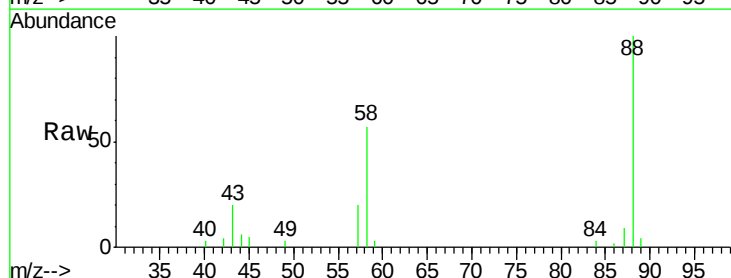
Tgt Ion: 88 Resp: 16566

Ion Ratio Lower Upper

88 100

58 64.5 50.3 75.5

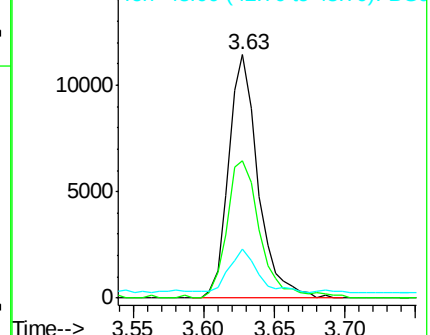
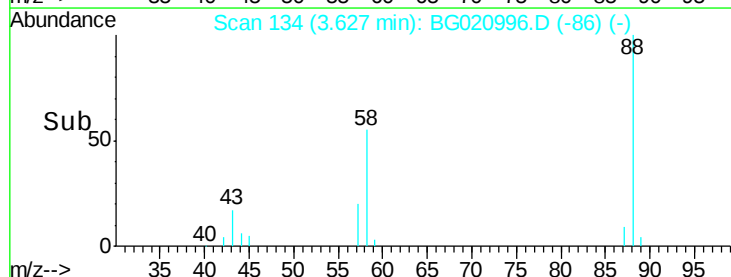
43 17.2 14.5 21.7

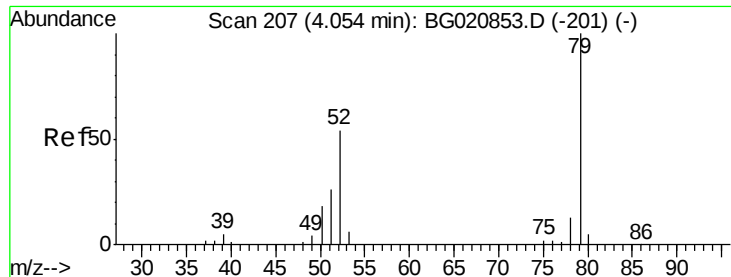


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 7.72 ng

RT: 4.04 min Scan# 205

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

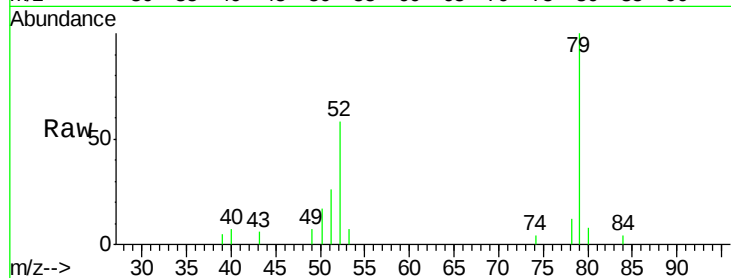
Tgt Ion: 79 Resp: 10127

Ion Ratio Lower Upper

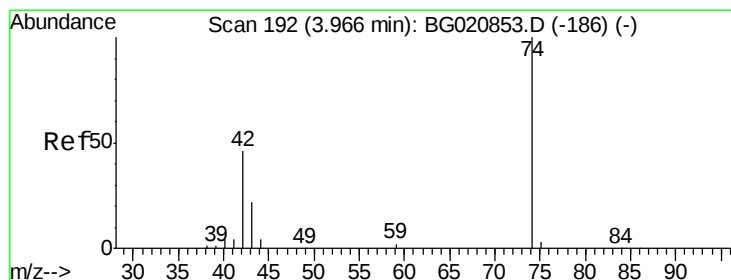
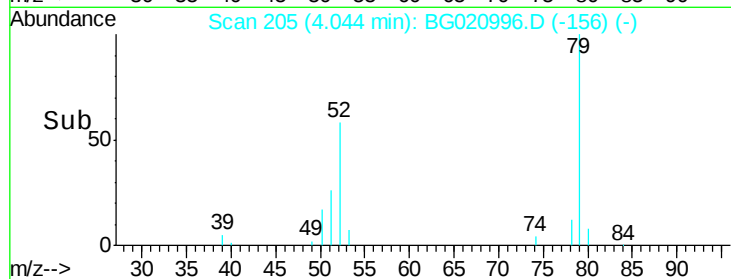
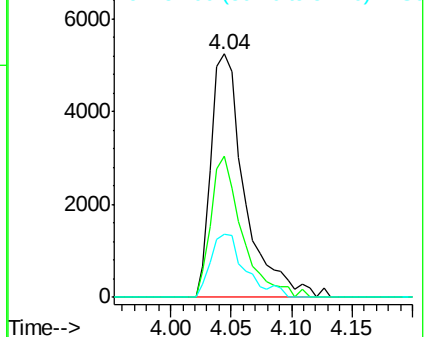
79 100

52 58.0 43.1 64.7

51 26.1 20.7 31.1



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: 42.05 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

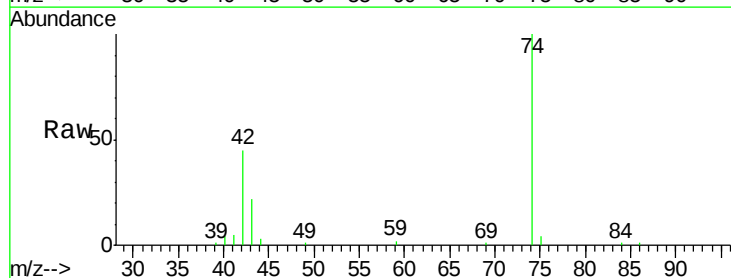
Tgt Ion: 42 Resp: 14431

Ion Ratio Lower Upper

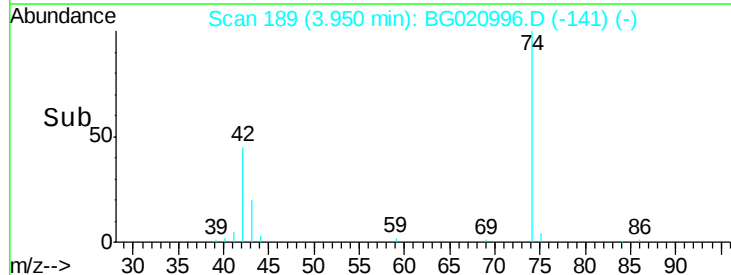
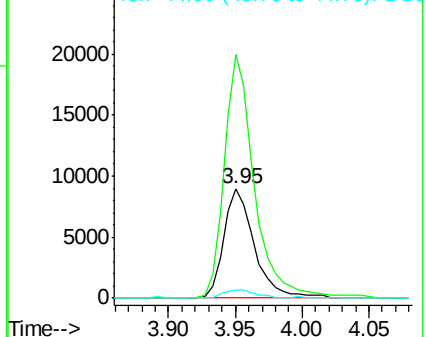
42 100

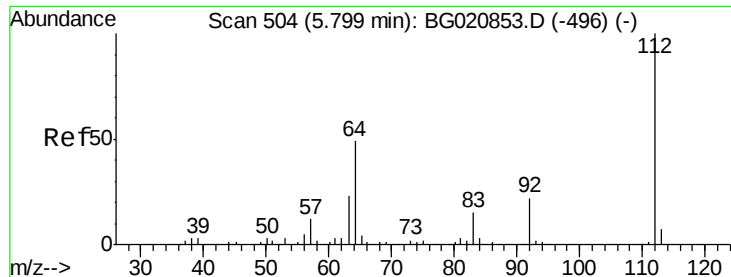
74 222.9 173.8 260.6

44 7.0 6.3 9.5



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: 145.90 ng

RT: 5.79 min Scan# 503

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

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ClientSampleId :

40054(0-2)MSD

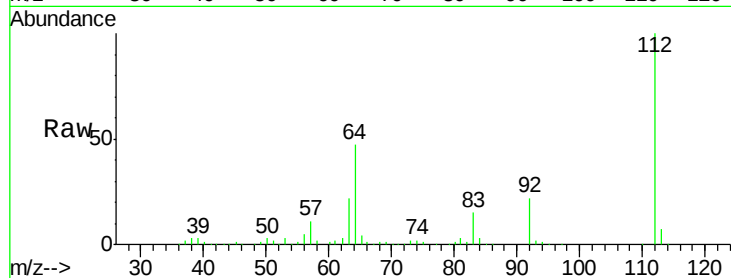
Tgt Ion: 112 Resp: 177968

Ion Ratio Lower Upper

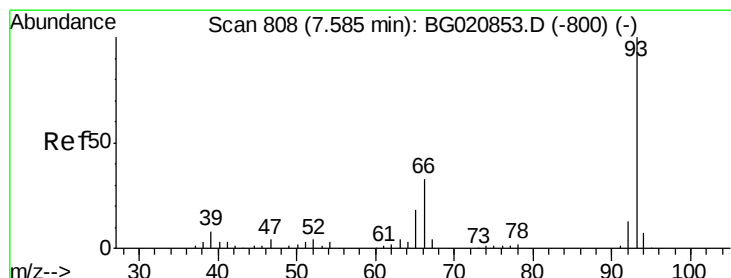
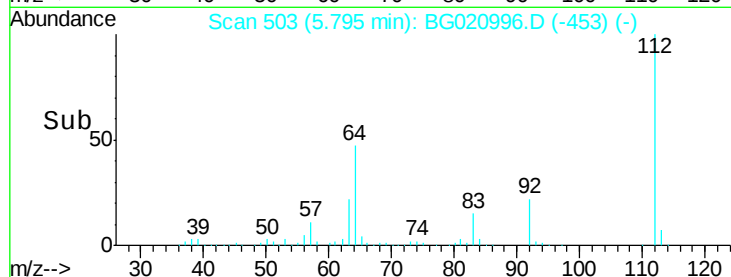
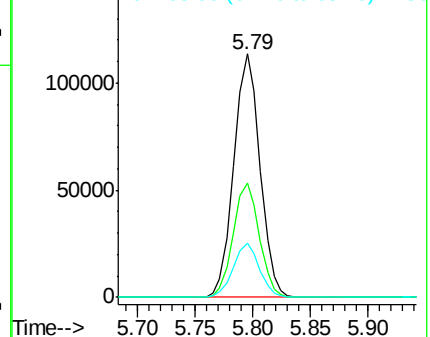
112 100

64 46.8 39.3 58.9

63 22.4 18.2 27.4



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: 17.28 ng

RT: 7.57 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

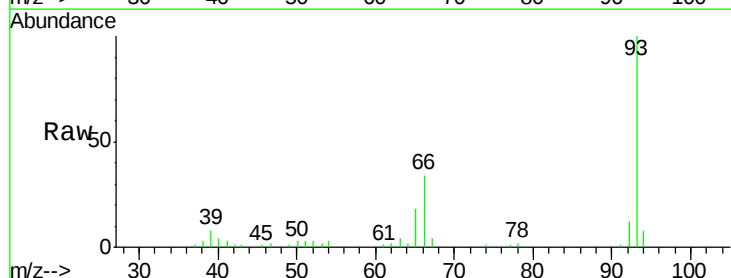
Tgt Ion: 93 Resp: 38425

Ion Ratio Lower Upper

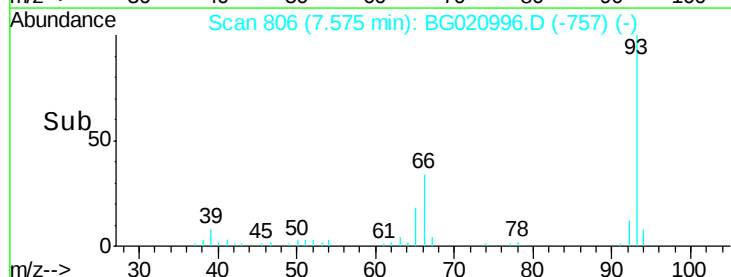
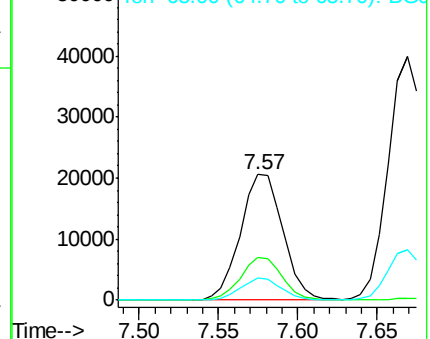
93 100

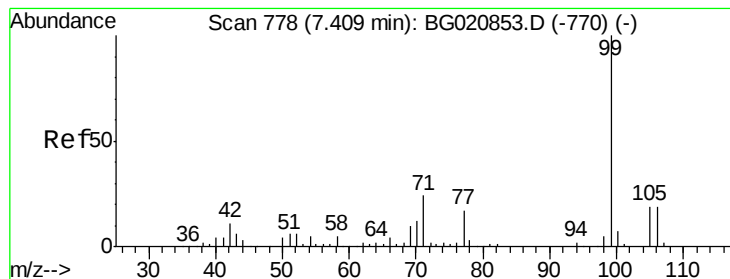
66 33.8 26.6 40.0

65 17.9 14.0 21.0



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: 140.59 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

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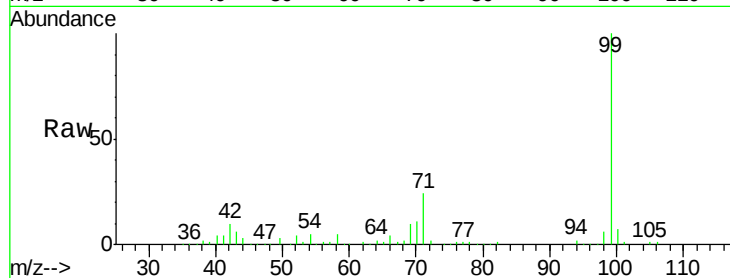
Tgt Ion: 99 Resp: 250650

Ion Ratio Lower Upper

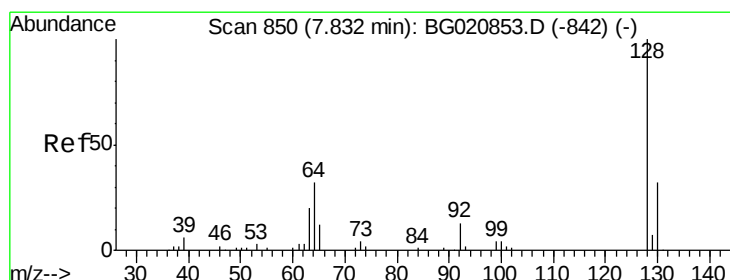
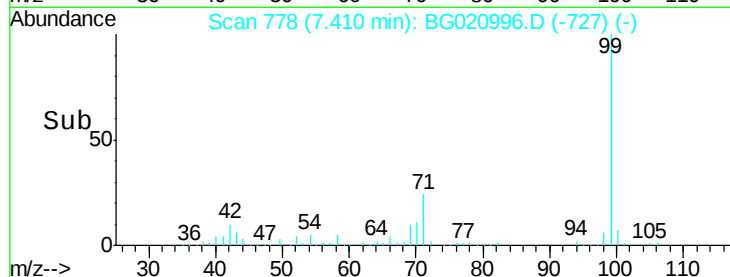
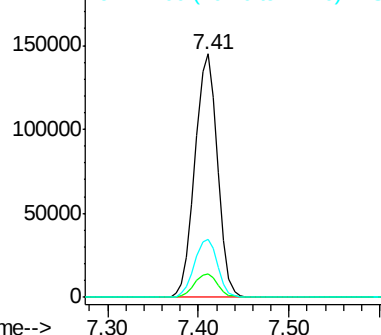
99 100

42 9.8 8.4 12.6

71 23.8 19.4 29.0



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: 47.14 ng

RT: 7.82 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

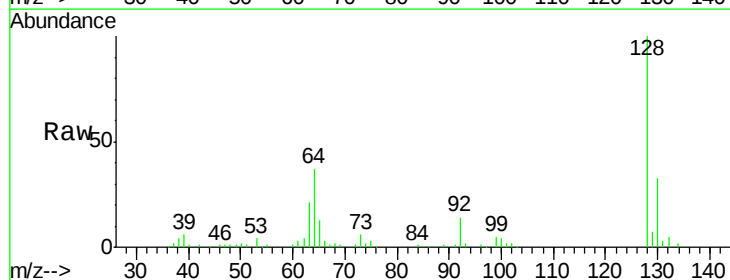
Tgt Ion: 128 Resp: 71836

Ion Ratio Lower Upper

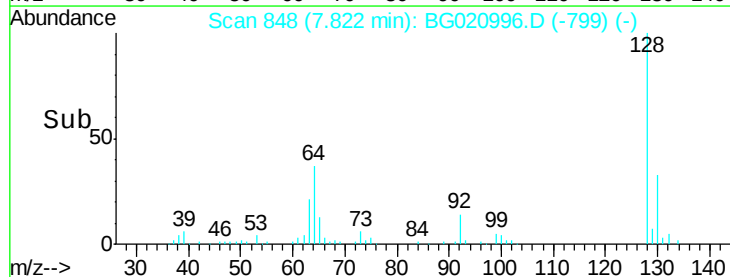
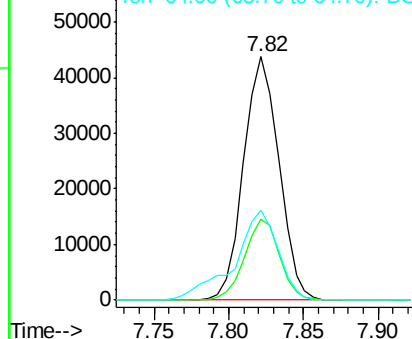
128 100

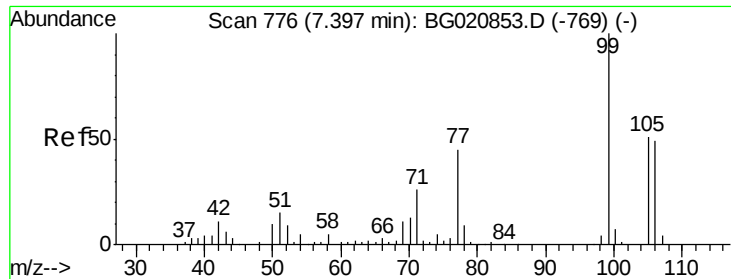
130 33.2 12.3 52.3

64 37.0 15.9 55.9



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: 13.33 ng

RT: 7.39 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

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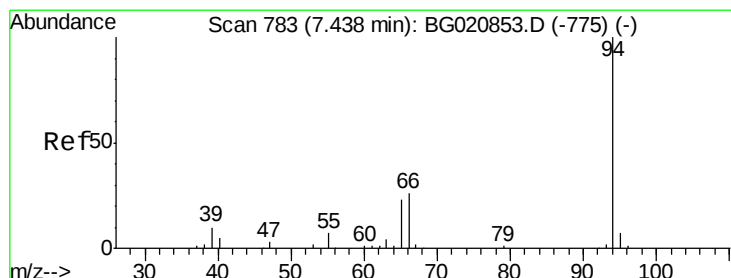
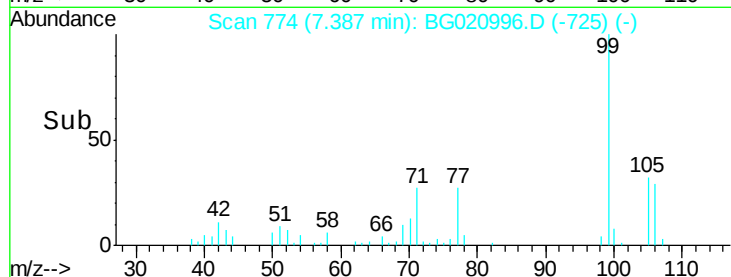
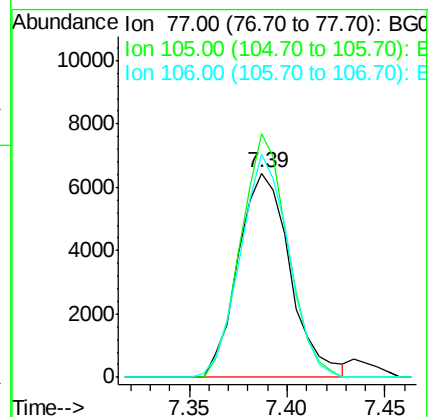
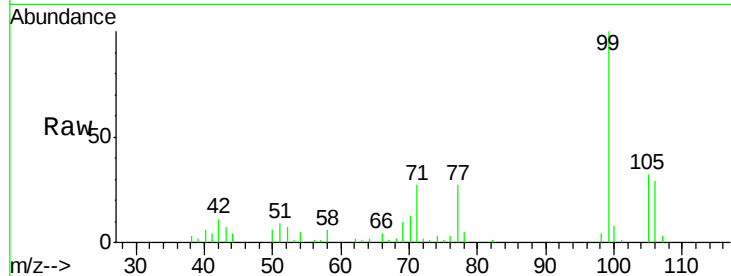
Tgt Ion: 77 Resp: 11901

Ion Ratio Lower Upper

77 100

105 119.3 93.4 133.4

106 109.4 88.7 128.7



#10

Phenol

Concen: 48.25 ng

RT: 7.43 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

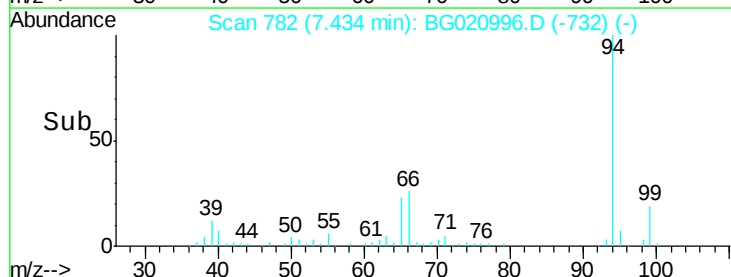
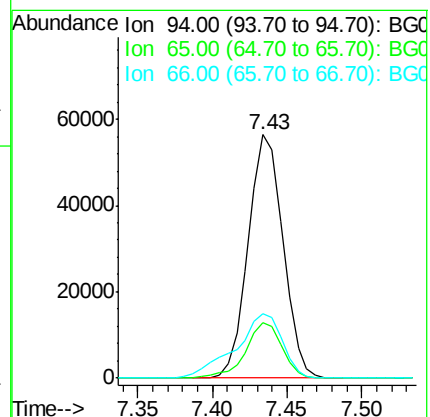
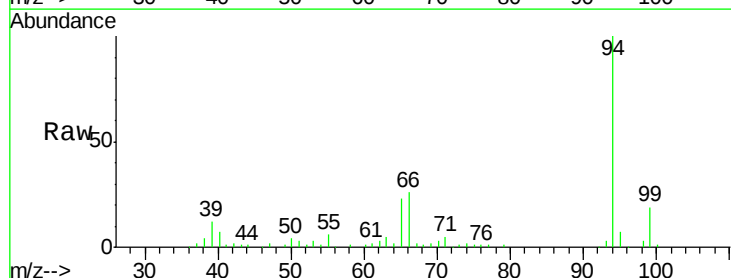
Tgt Ion: 94 Resp: 91031

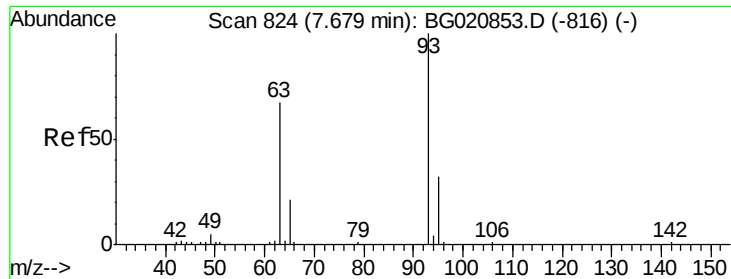
Ion Ratio Lower Upper

94 100

65 22.7 2.8 42.8

66 26.4 7.2 47.2

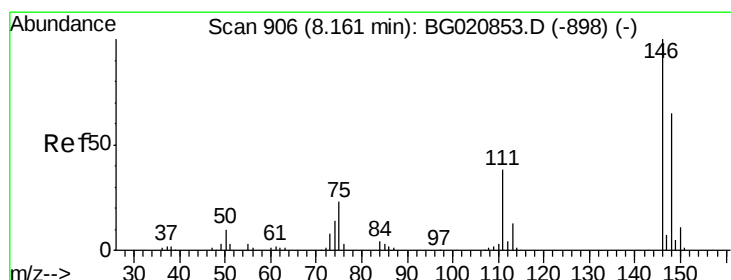
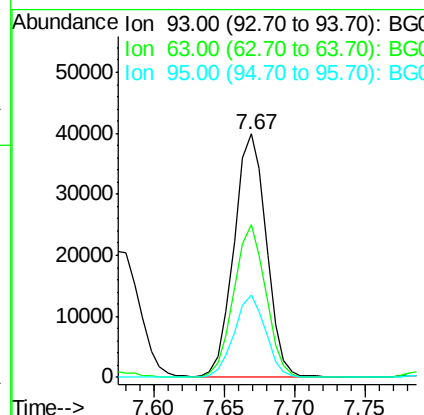
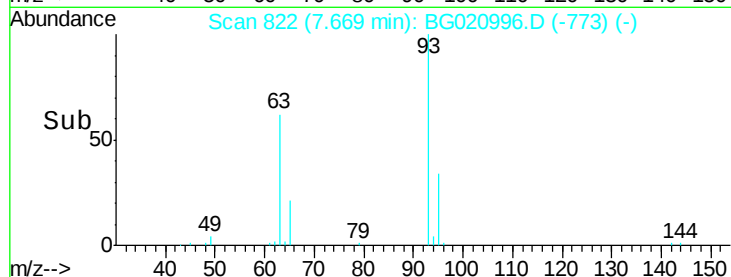
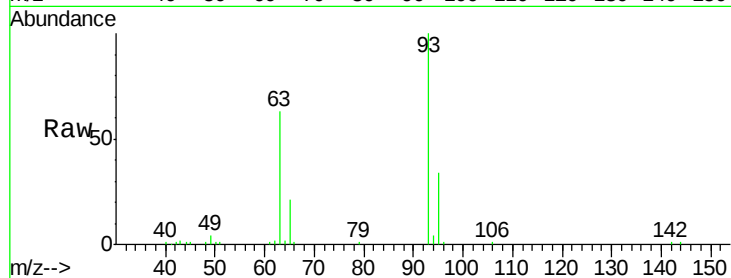




#11
 bis(2-Chloroethyl)ether
 Concen: 42.32 ng
 RT: 7.67 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

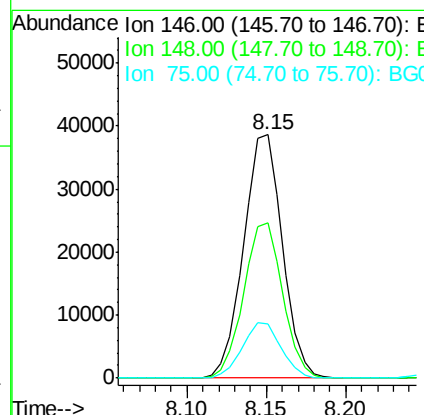
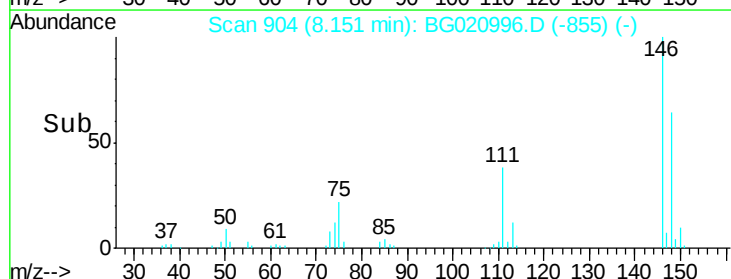
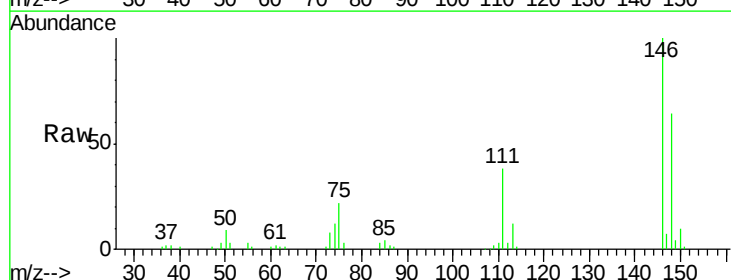
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

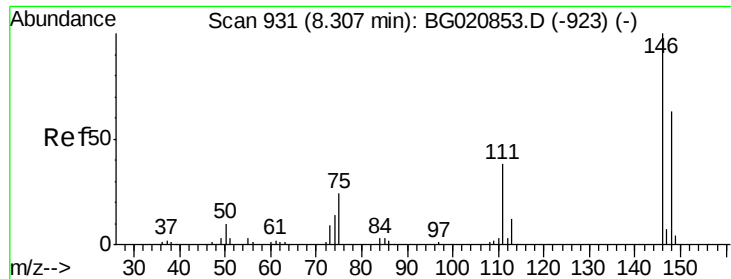
Tgt Ion: 93 Resp: 63773
 Ion Ratio Lower Upper
 93 100
 63 62.9 46.4 86.4
 95 33.8 12.1 52.1



#12
 1,3-Dichlorobenzene
 Concen: 40.78 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion: 146 Resp: 65693
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.8 77.8
 75 22.4 18.7 28.1

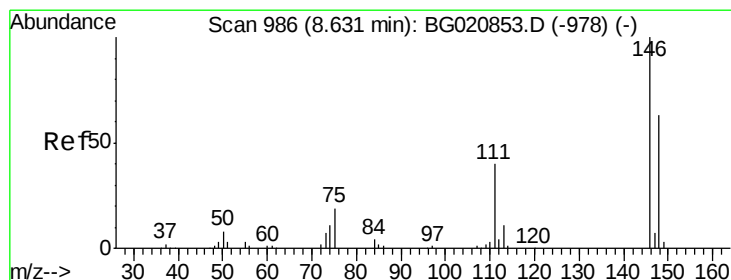
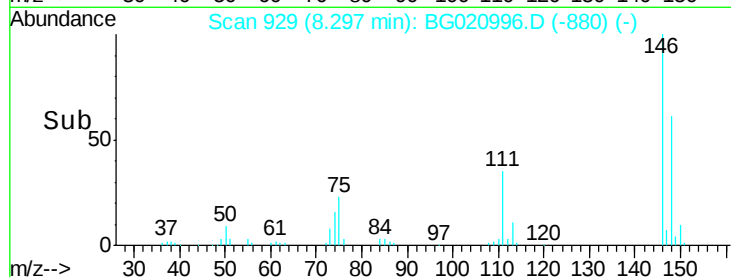
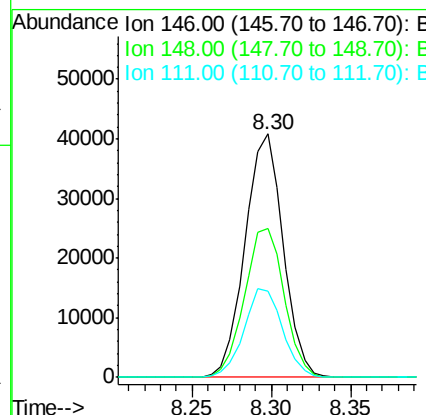
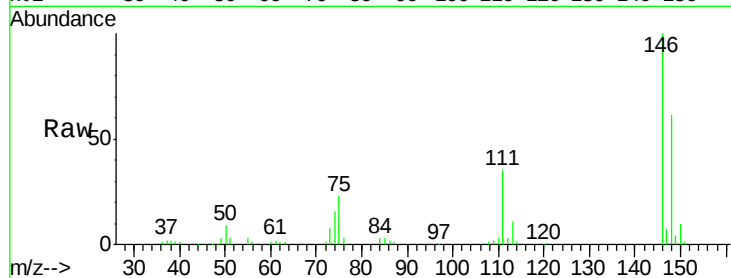




#13
 1,4-Dichlorobenzene
 Concen: 41.66 ng
 RT: 8.30 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

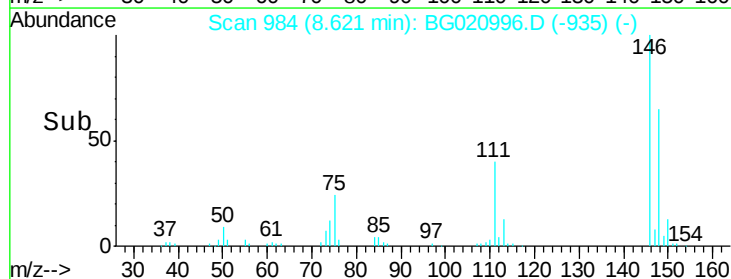
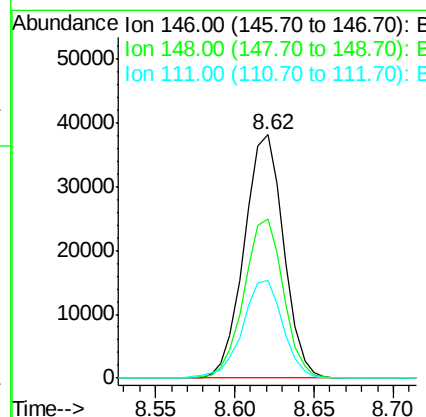
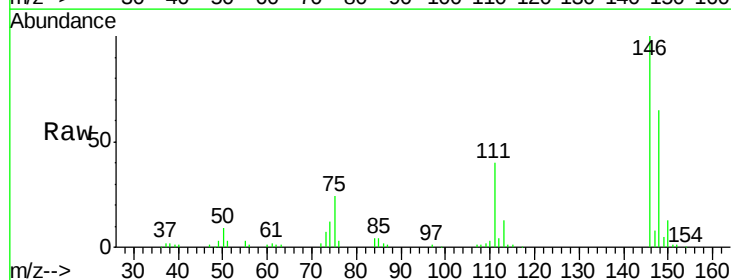
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

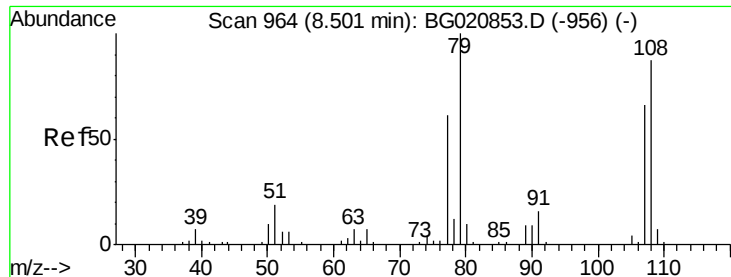
Tgt Ion:146 Resp: 68059
 Ion Ratio Lower Upper
 146 100
 148 61.0 50.8 76.2
 111 35.4 30.1 45.1



#14
 1,2-Dichlorobenzene
 Concen: 41.48 ng
 RT: 8.62 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:146 Resp: 65911
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 40.2 32.6 48.8





#15

Benzyl Alcohol

Concen: 47.79 ng

RT: 8.50 min Scan# 963

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

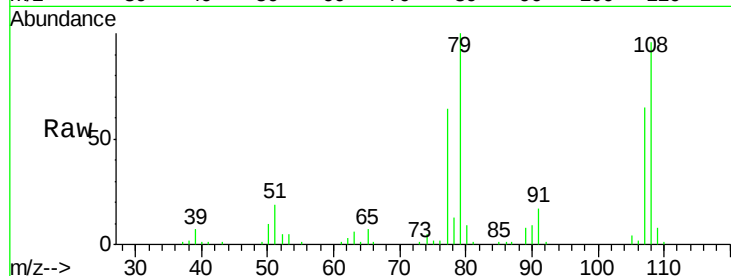
Tgt Ion: 79 Resp: 53708

Ion Ratio Lower Upper

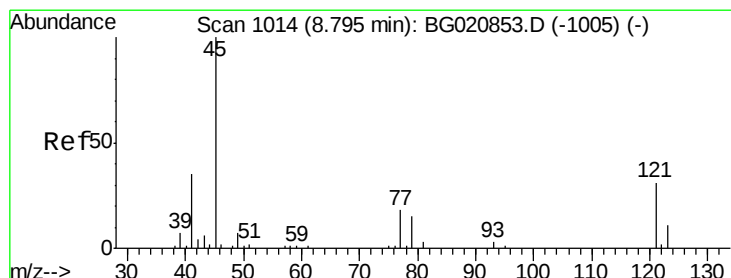
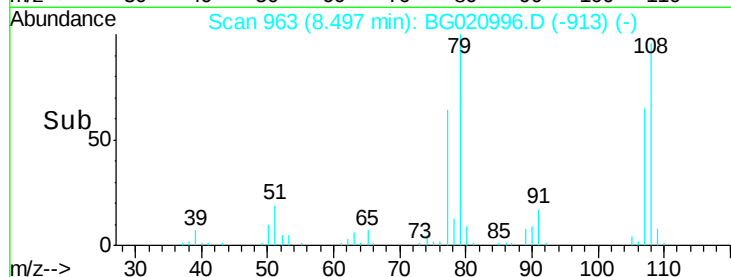
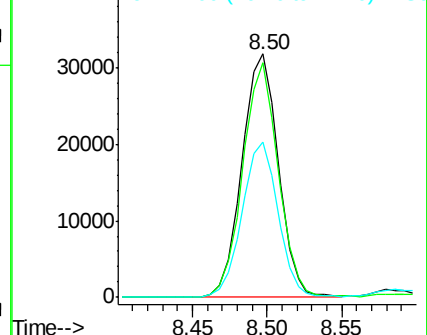
79 100

108 96.2 69.4 104.2

77 63.7 48.6 73.0



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.84 ng

RT: 8.79 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

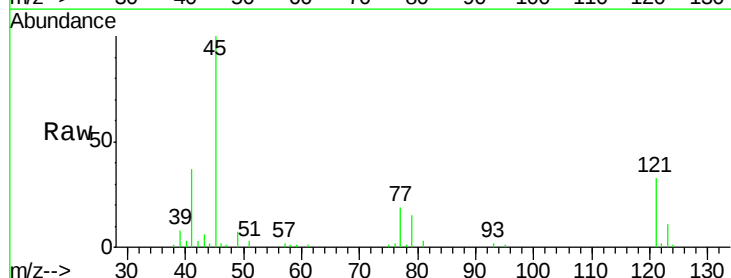
Tgt Ion: 45 Resp: 61059

Ion Ratio Lower Upper

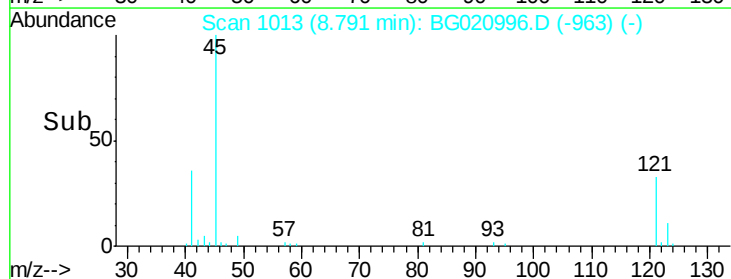
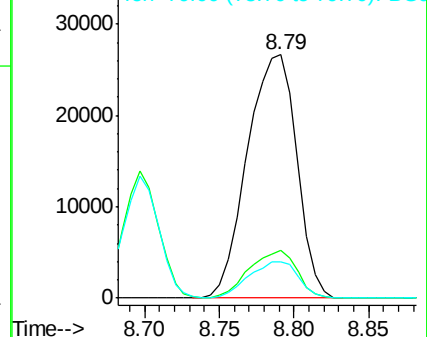
45 100

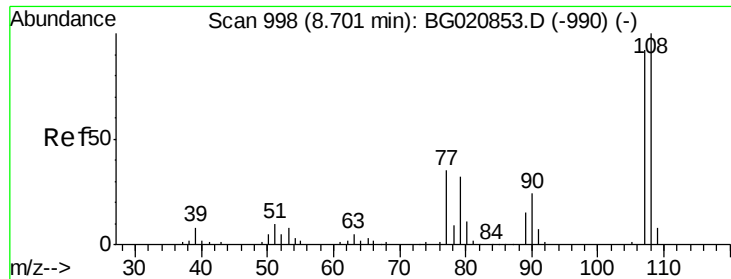
77 19.4 0.0 38.5

79 14.8 0.0 34.9



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

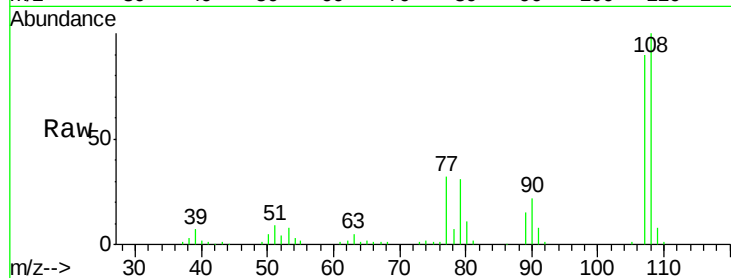




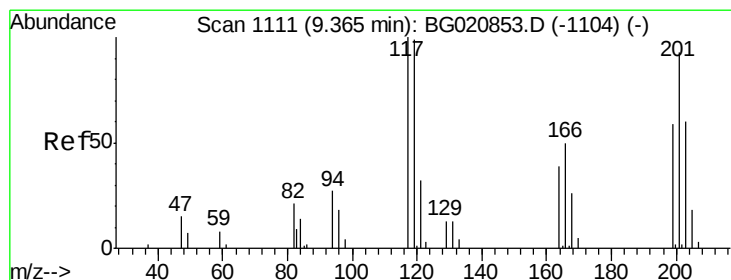
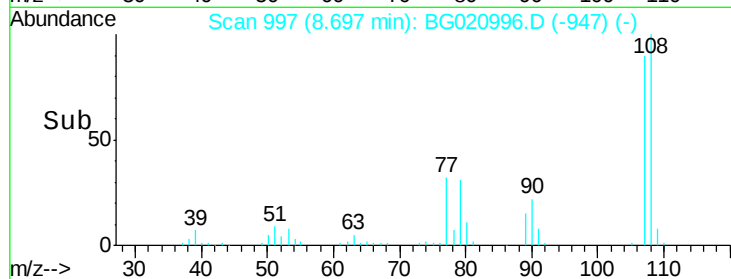
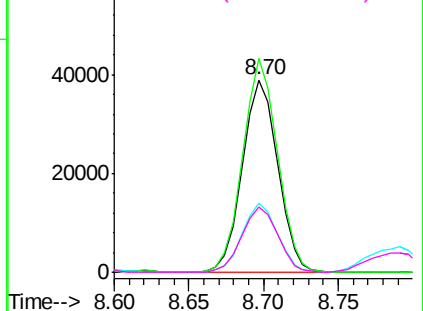
#17
2-Methylphenol
Concen: 47.08 ng
RT: 8.70 min Scan# 997
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tgt Ion:107 Resp: 63997
Ion Ratio Lower Upper
107 100
108 111.0 87.0 130.4
77 35.7 30.1 45.1
79 34.2 27.4 41.2

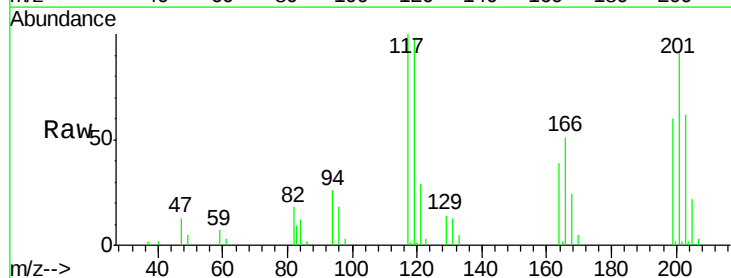


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

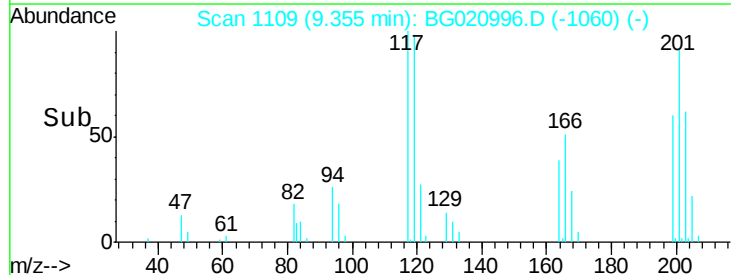
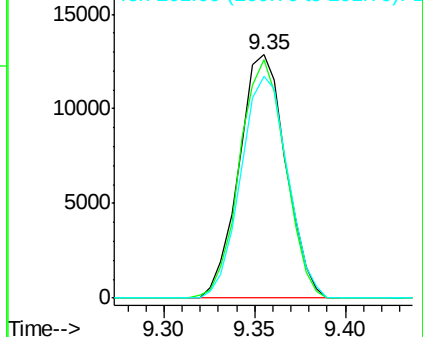


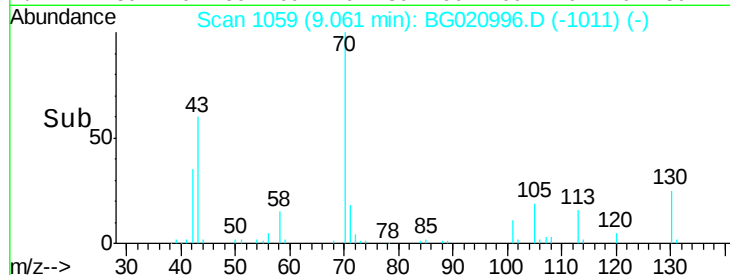
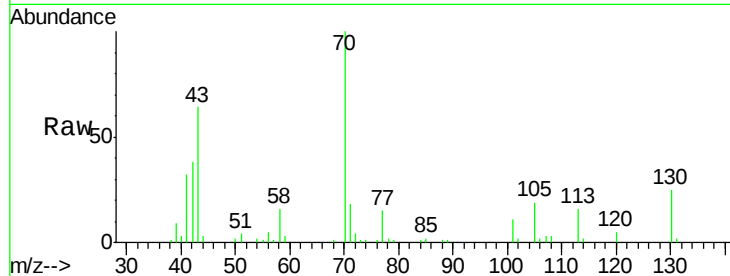
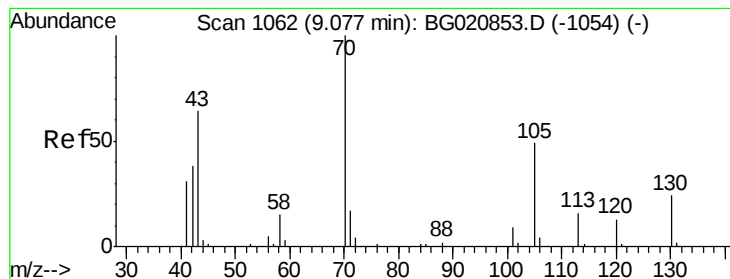
#18
Hexachloroethane
Concen: 41.05 ng
RT: 9.35 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:117 Resp: 23058
Ion Ratio Lower Upper
117 100
119 97.7 79.6 119.4
201 91.0 74.5 111.7



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: 42.09 ng

RT: 9.06 min Scan# 1059

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

Tgt Ion: 70 Resp: 48415

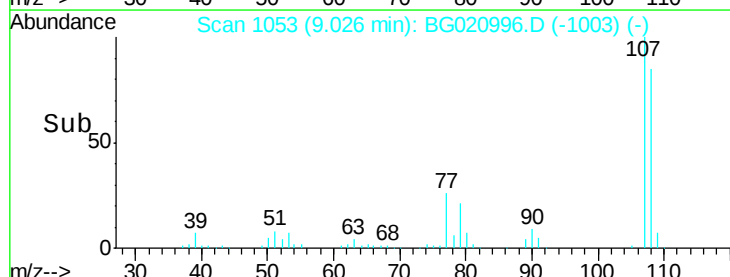
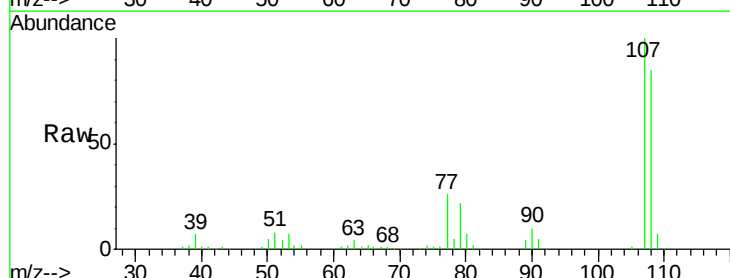
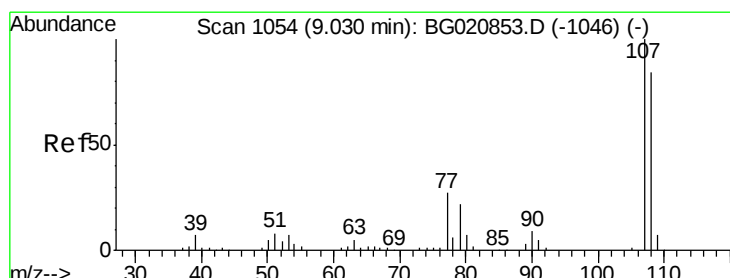
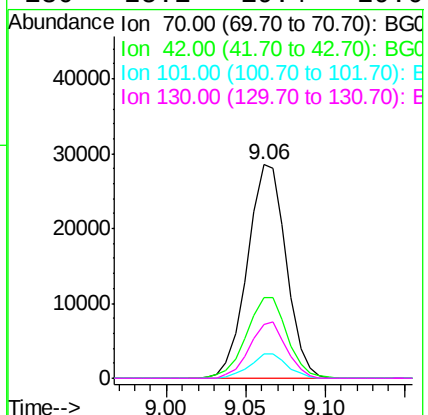
Ion Ratio Lower Upper

70 100

42 37.6 30.9 46.3

101 11.2 7.3 10.9#

130 25.1 19.4 29.0



#20

3+4-Methylphenols

Concen: 47.49 ng

RT: 9.03 min Scan# 1053

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Tgt Ion: 107 Resp: 89944

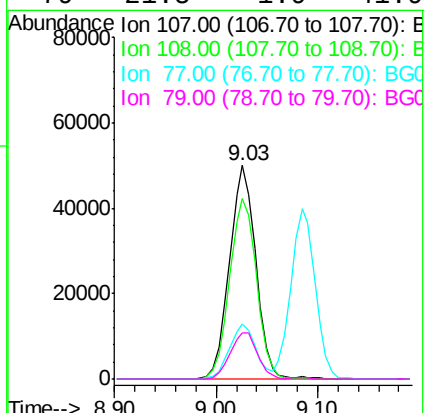
Ion Ratio Lower Upper

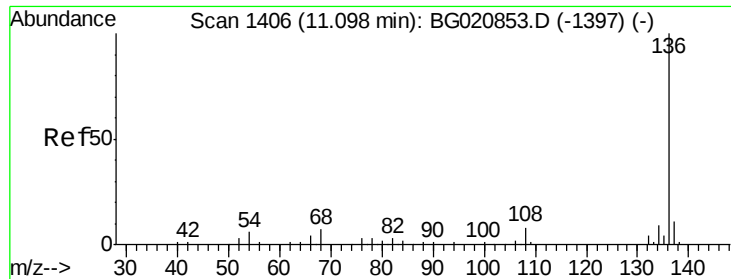
107 100

108 84.7 64.4 104.4

77 25.7 7.1 47.1

79 21.5 1.9 41.9

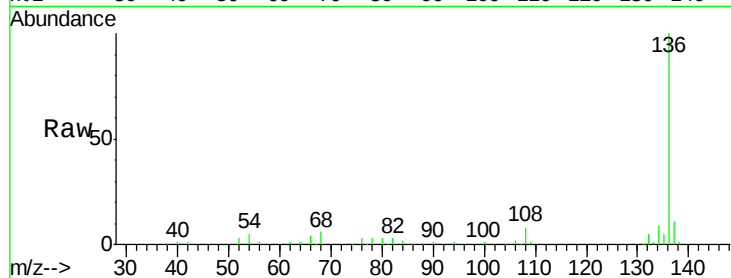




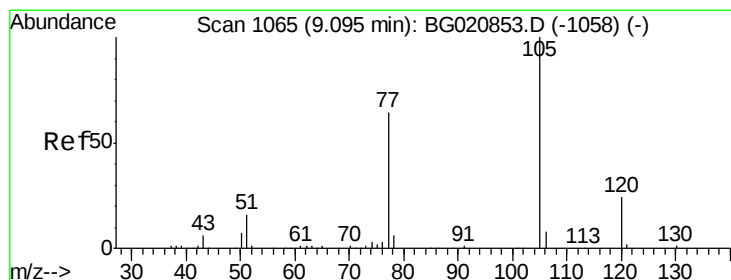
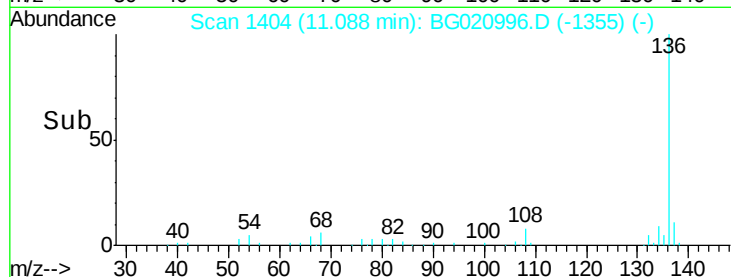
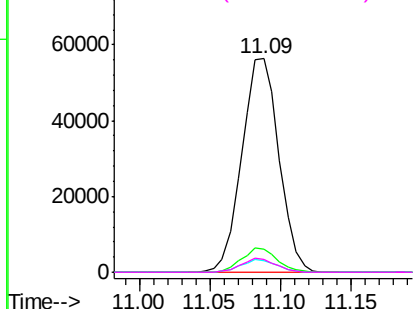
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.09 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tgt Ion:	136	Resp:	103674
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	5.4	5.0	7.4
68	6.0	5.2	7.8

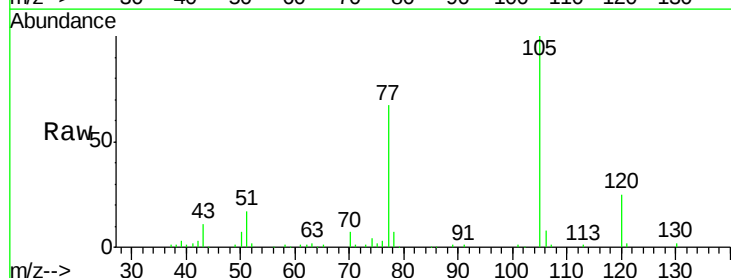


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

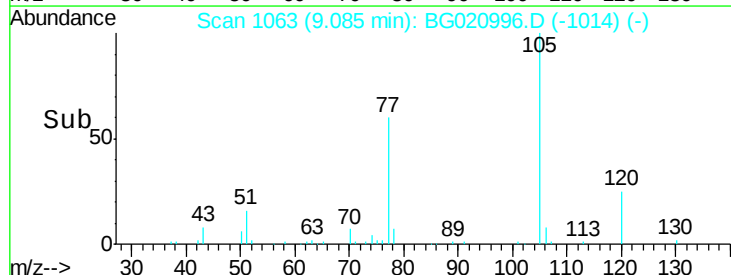
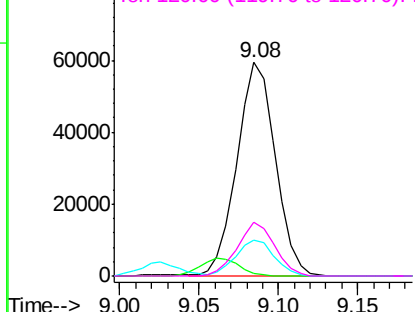


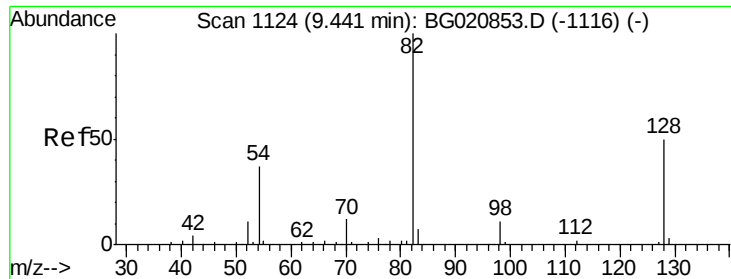
#22
Acetophenone
Concen: 40.15 ng
RT: 9.08 min Scan# 1063
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:	105	Resp:	100345
Ion	Ratio	Lower	Upper
105	100		
71	1.1	1.4	2.0#
51	16.8	13.7	20.5
120	24.9	19.0	28.6



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

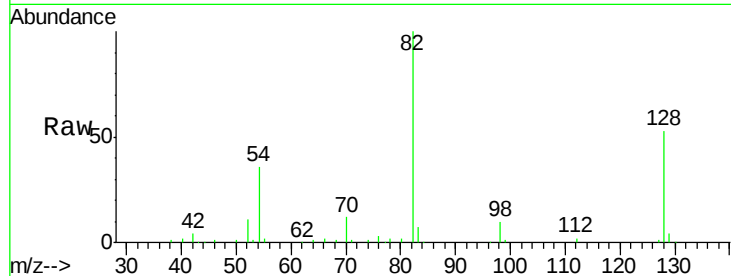




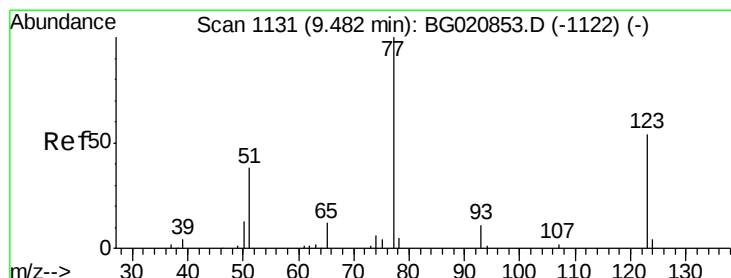
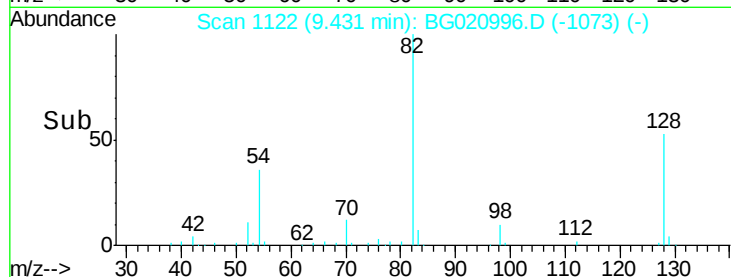
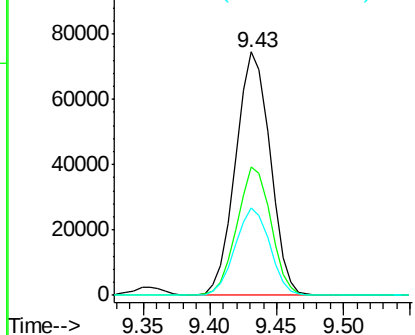
#23
Nitrobenzene-d5
Concen: 84.87 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.8	40.1	60.1
54	35.8	29.5	44.3

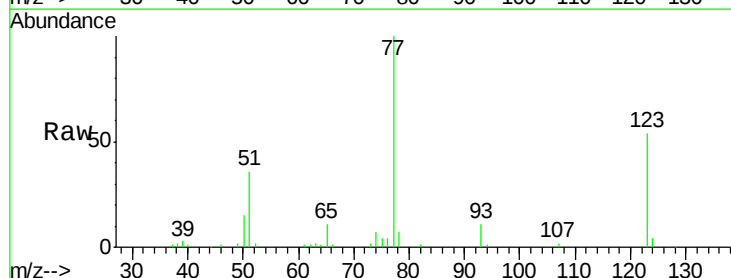


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

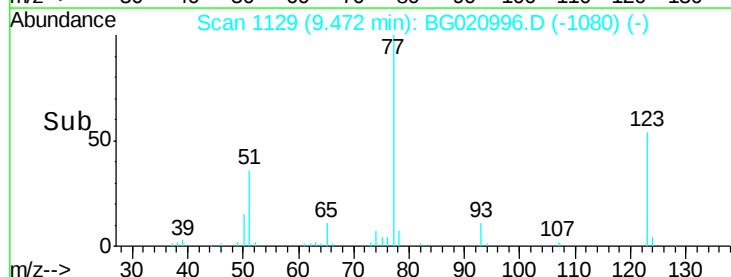
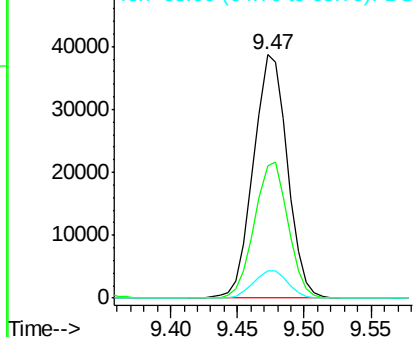


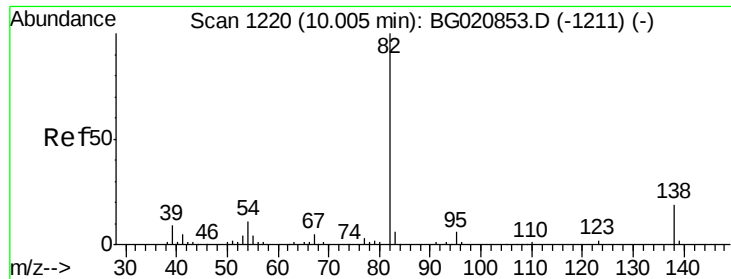
#24
Nitrobenzene
Concen: 41.31 ng
RT: 9.47 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	54.3	43.2	64.8
65	11.1	9.2	13.8



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





#25

Isophorone

Concen: 42.11 ng

RT: 10.00 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

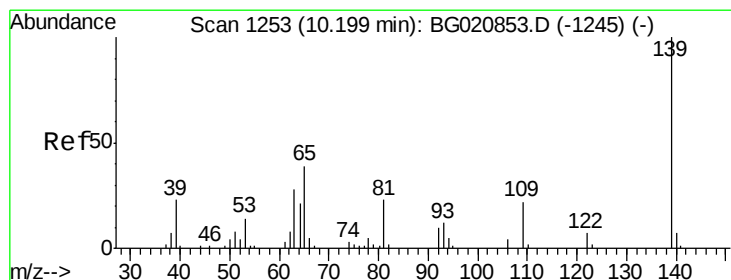
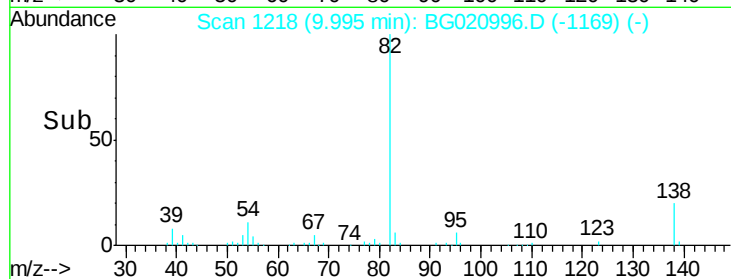
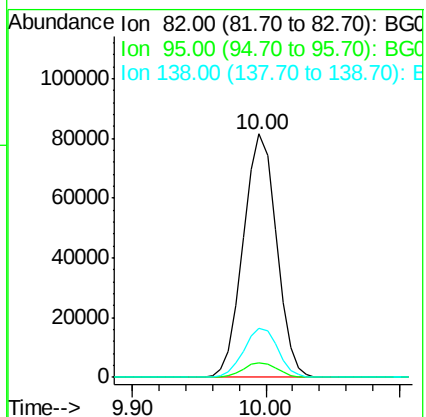
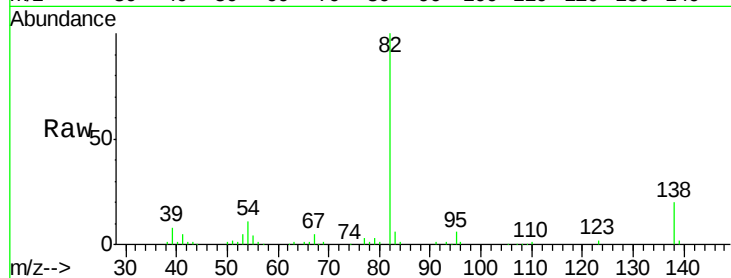
Tgt Ion: 82 Resp: 139967

Ion Ratio Lower Upper

82 100

95 6.1 4.8 7.2

138 20.2 15.4 23.0



#26

2-Nitrophenol

Concen: 46.40 ng

RT: 10.19 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

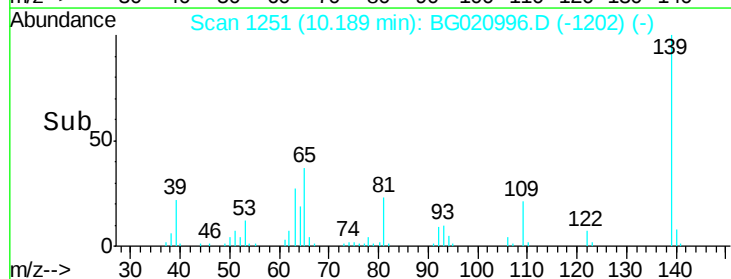
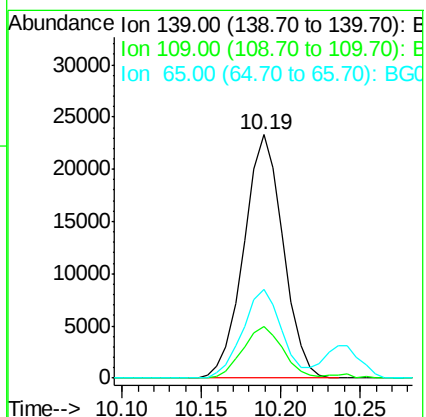
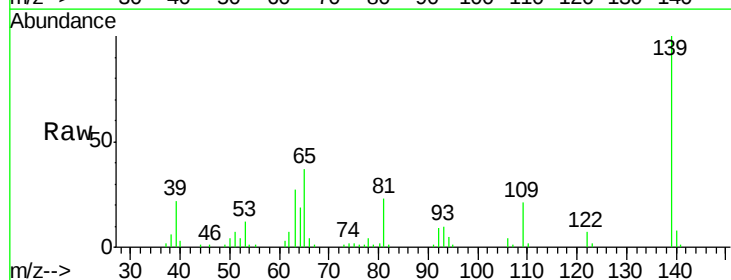
Tgt Ion: 139 Resp: 40138

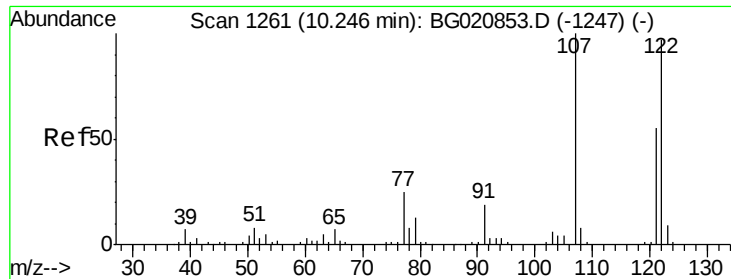
Ion Ratio Lower Upper

139 100

109 21.3 17.6 26.4

65 36.6 31.0 46.6

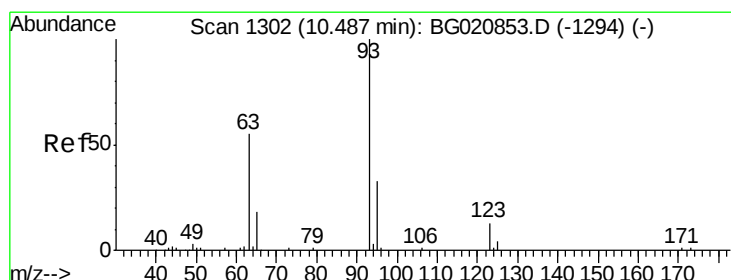
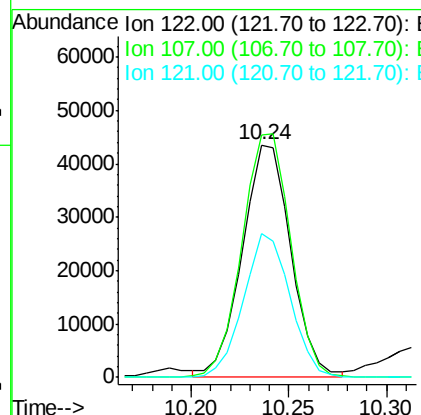
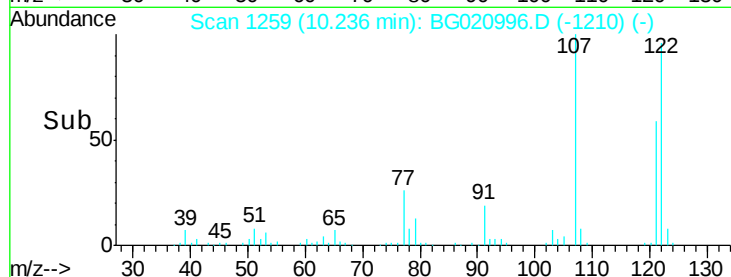
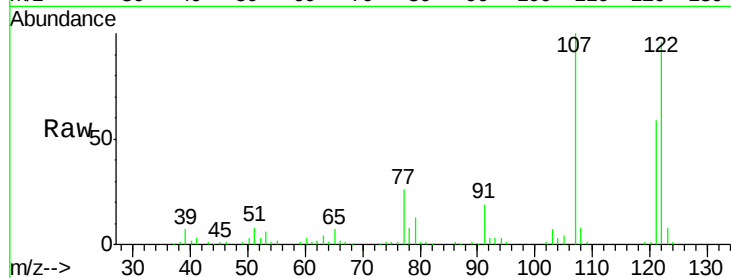




#27
 2,4-Dimethylphenol
 Concen: 45.17 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

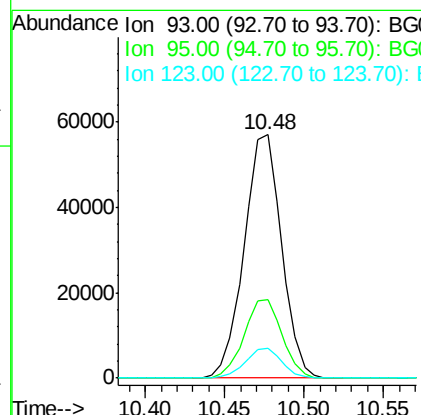
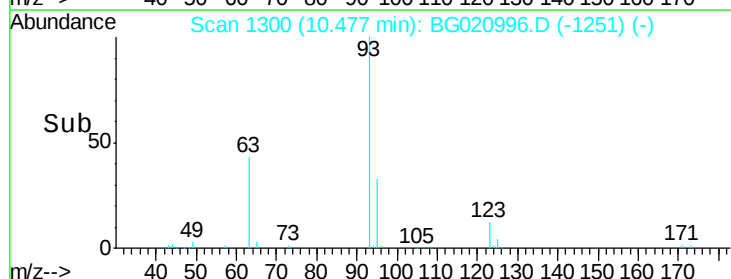
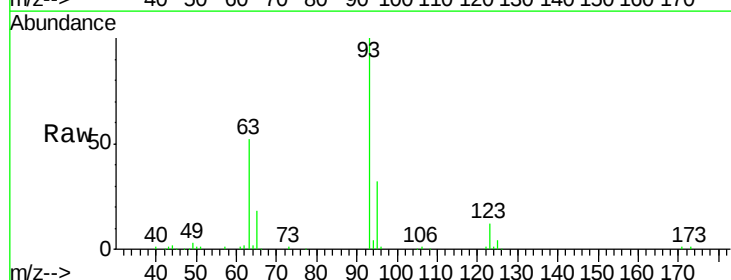
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

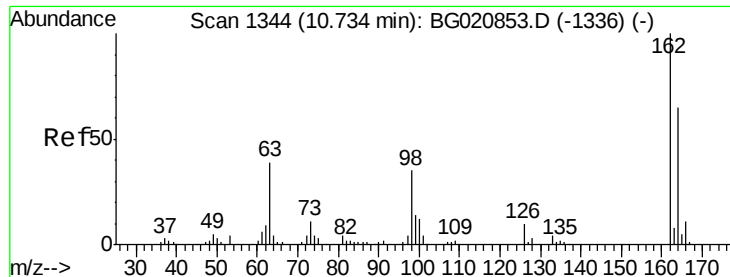
Tgt Ion:	122	Resp:	74866
Ion	Ratio	Lower	Upper
122	100		
107	104.5	82.6	124.0
121	61.8	45.6	68.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.61 ng
 RT: 10.48 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:	93	Resp:	93414
Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.2	39.2
123	12.3	10.0	15.0

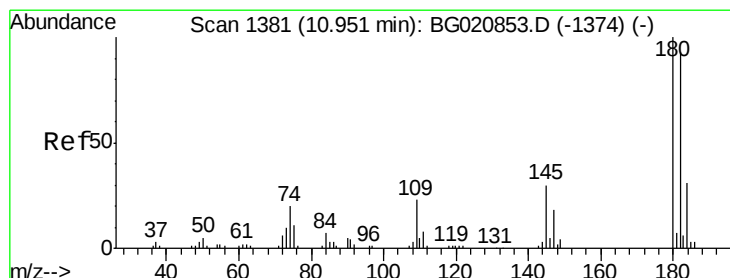
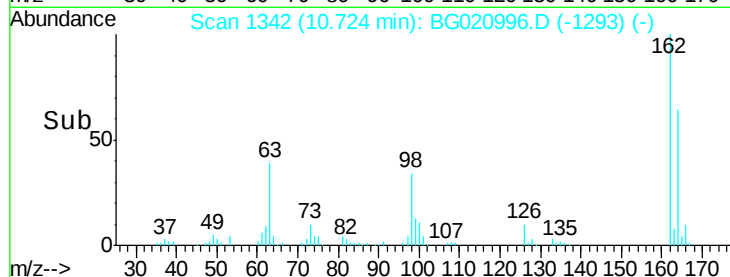
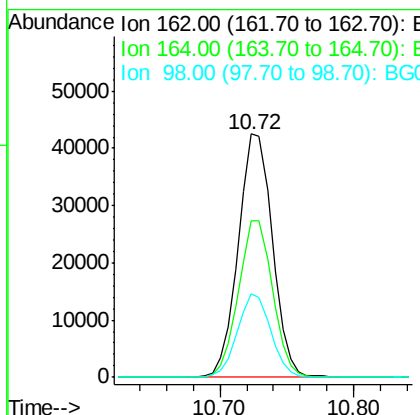
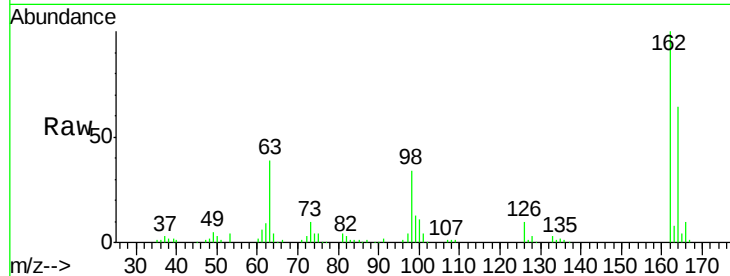




#29
 2,4-Dichlorophenol
 Concen: 50.77 ng
 RT: 10.72 min Scan# 1342
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

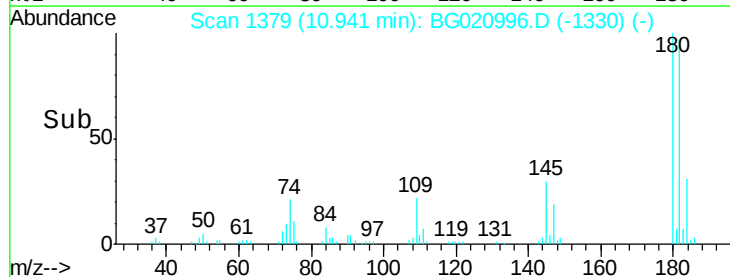
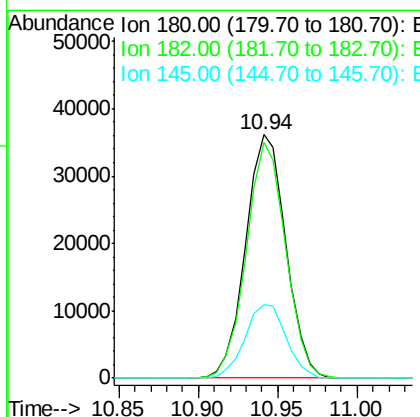
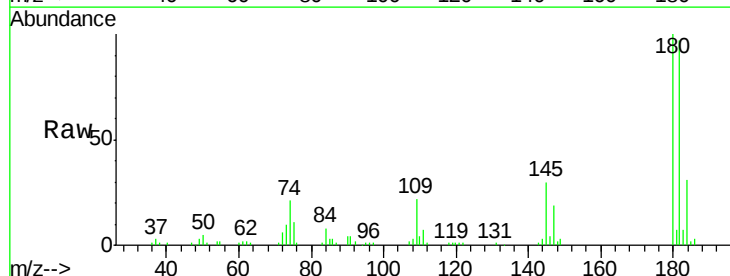
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

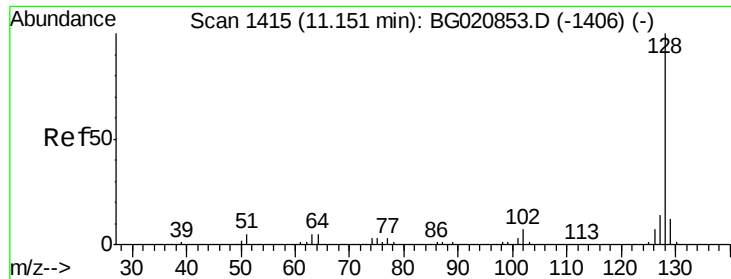
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.5	84.5
98	34.1	14.9	54.9



#30
 1,2,4-Trichlorobenzene
 Concen: 42.56 ng
 RT: 10.94 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.1	111.1
145	30.1	24.1	36.1

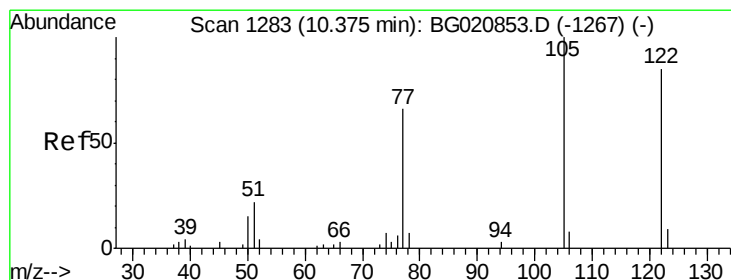
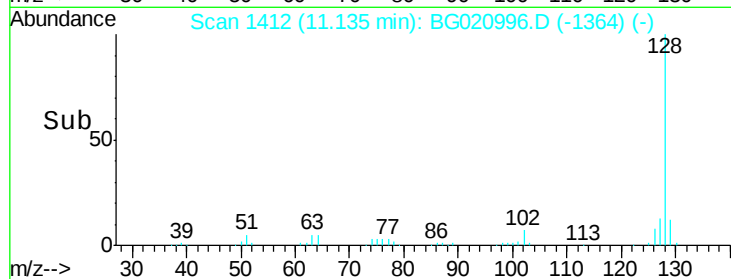
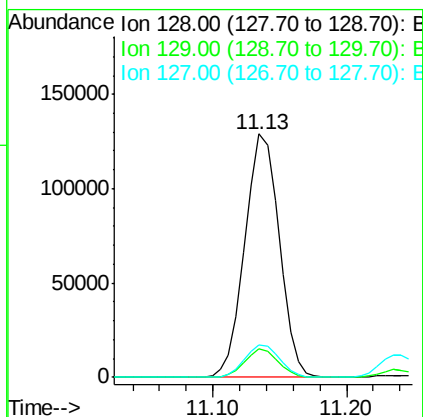
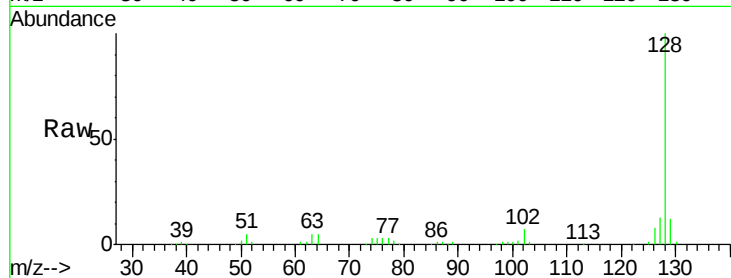




#31
Naphthalene
Concen: 42.95 ng
RT: 11.13 min Scan# 1412
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

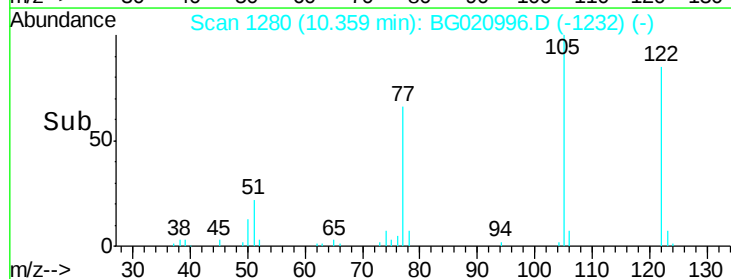
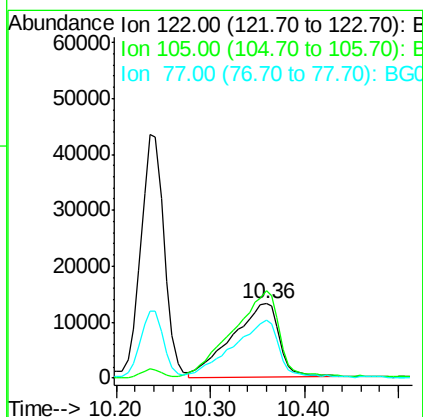
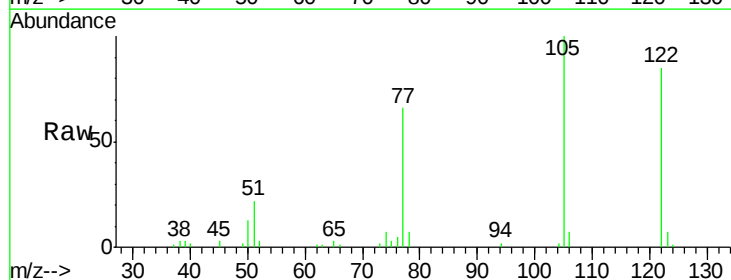
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

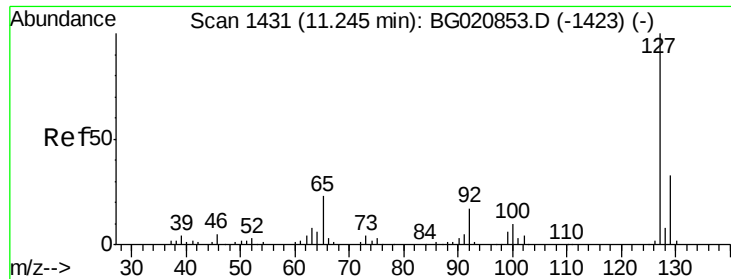
Tgt Ion:128 Resp: 230333
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.4 11.4 17.2



#32
Benzoic acid
Concen: 34.55 ng
RT: 10.36 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:122 Resp: 45930
Ion Ratio Lower Upper
122 100
105 117.5 94.0 134.0
77 77.4 56.8 96.8

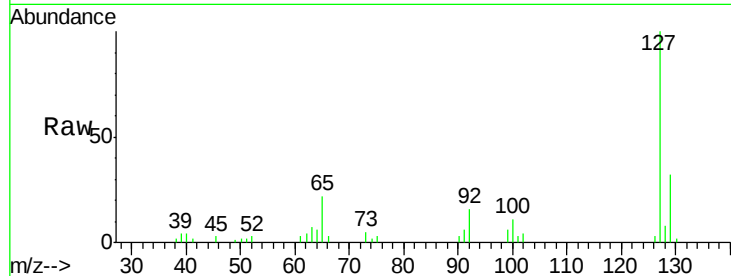




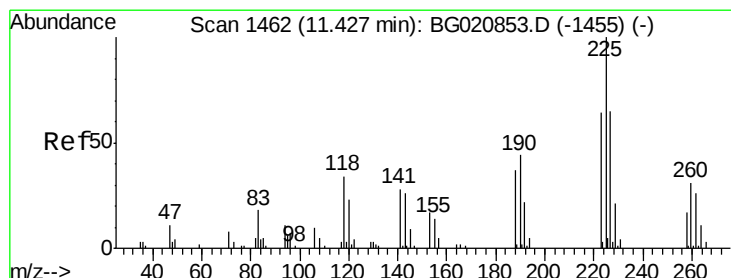
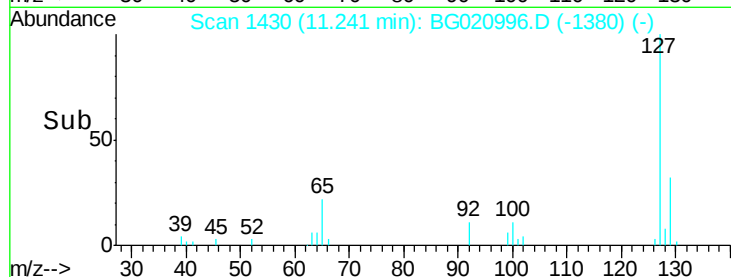
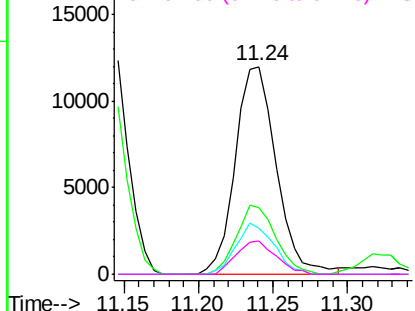
#33
4-Chloroaniline
Concen: 9.94 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

Tgt Ion:	127	Resp:	22924
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.2	39.4
65	22.4	18.6	27.8
92	16.0	13.3	19.9

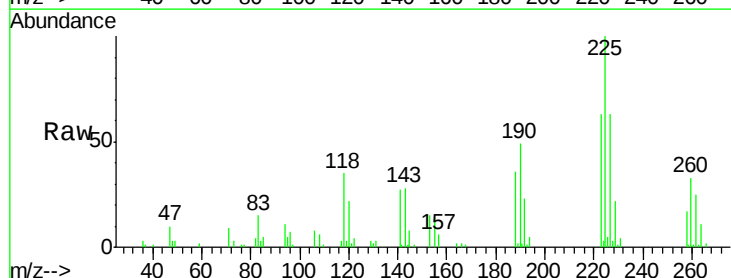


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

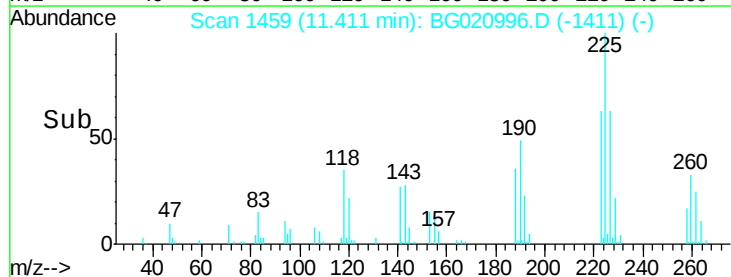
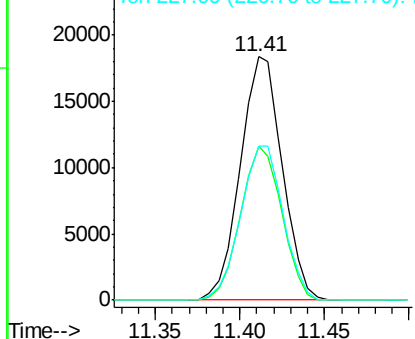


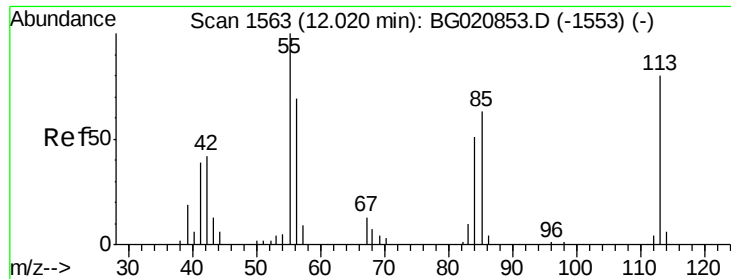
#34
Hexachlorobutadiene
Concen: 41.48 ng
RT: 11.41 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:	225	Resp:	31634
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.1	51.7	77.5



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: 33.38 ng

RT: 12.01 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

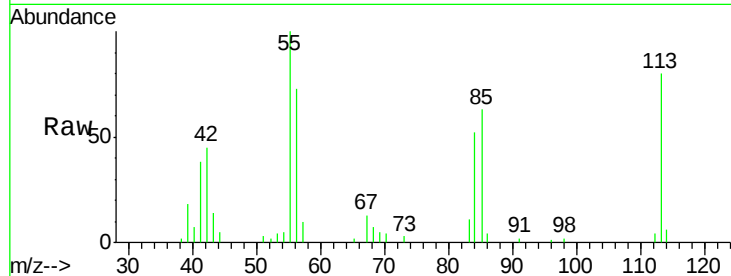
Tgt Ion:113 Resp: 18999

Ion Ratio Lower Upper

113 100

55 124.8 104.4 144.4

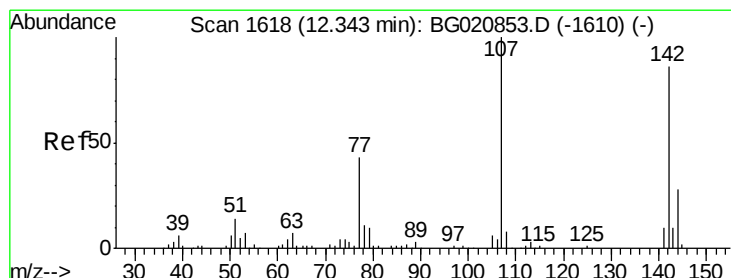
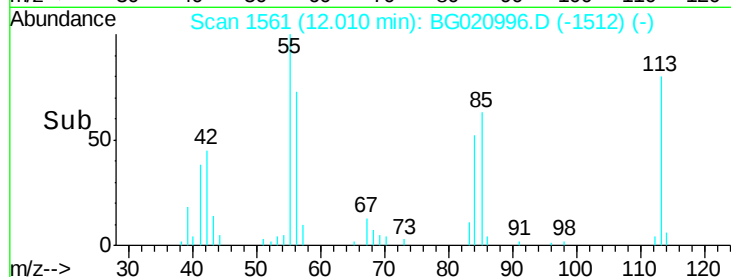
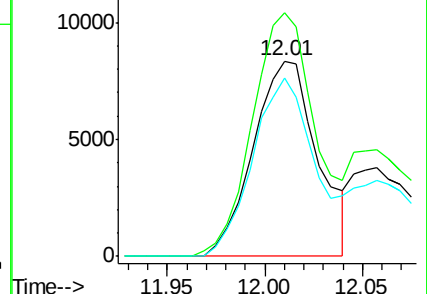
56 91.3 65.4 105.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.65 ng

RT: 12.34 min Scan# 1618

Delta R.T. 0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

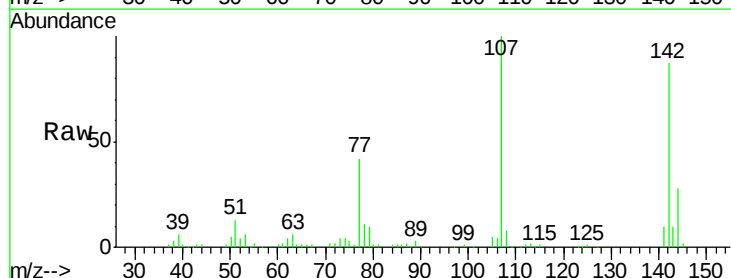
Tgt Ion:107 Resp: 86211

Ion Ratio Lower Upper

107 100

144 28.3 22.4 33.6

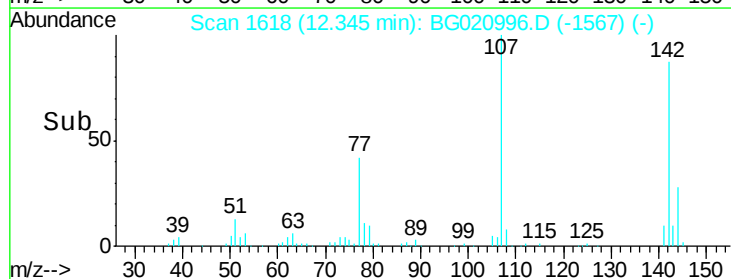
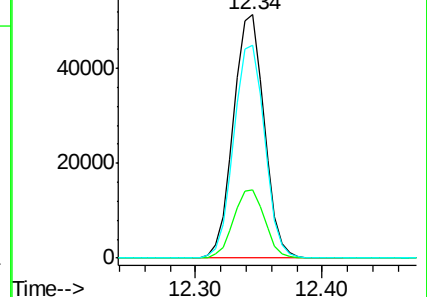
142 87.3 68.6 103.0

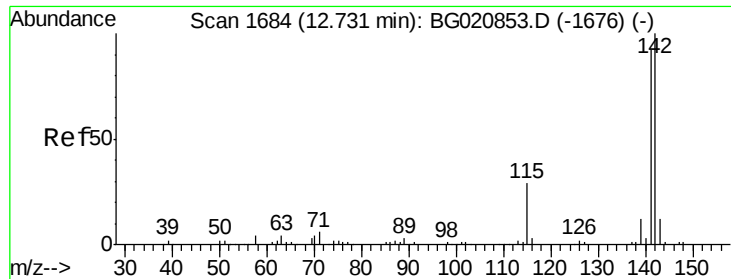


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

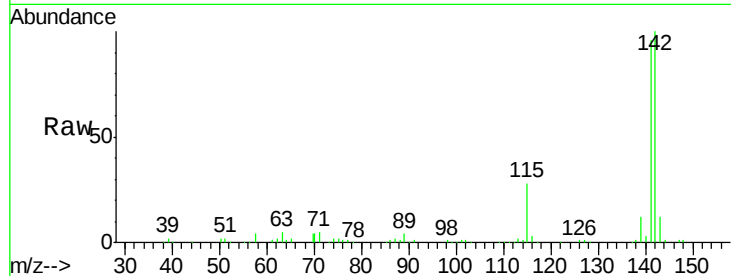




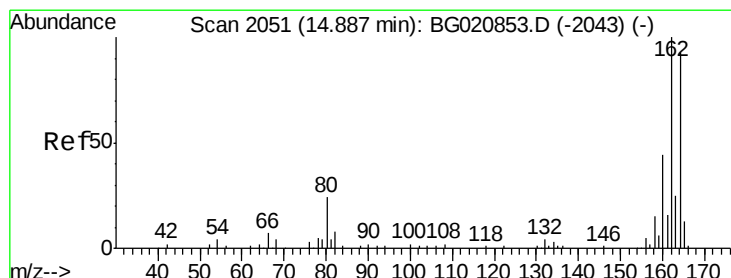
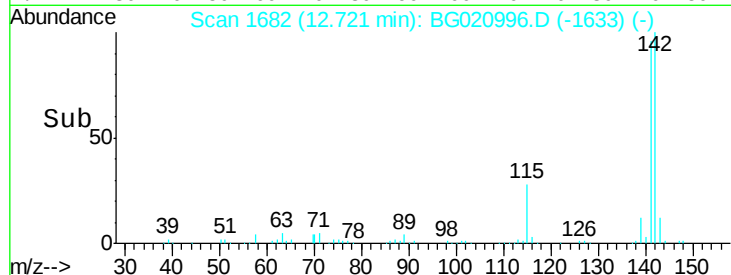
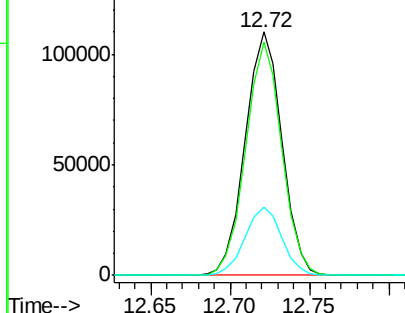
#37
 2-Methylnaphthalene
 Concen: 47.08 ng
 RT: 12.72 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleID :
 40054(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	73.4	110.2
115	28.2	23.0	34.6

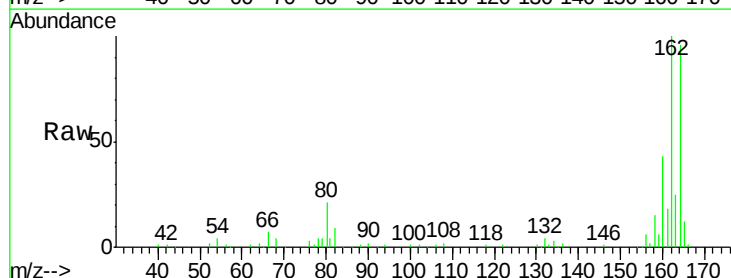


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

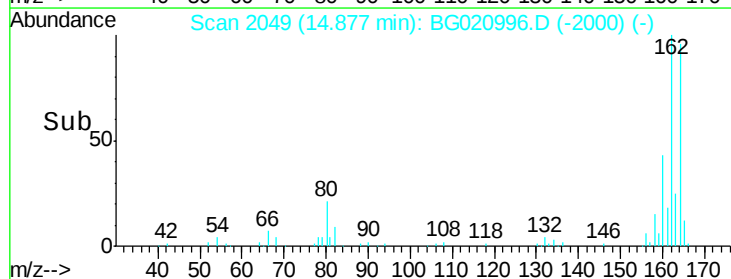
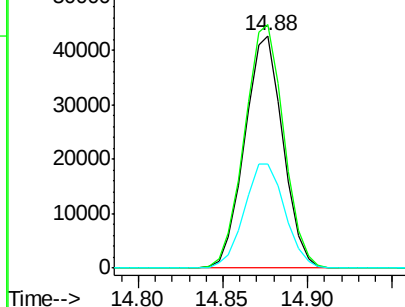


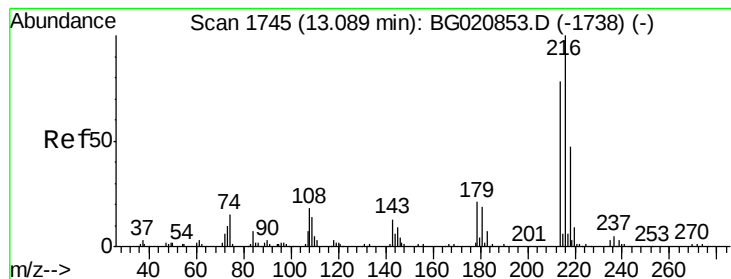
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.88 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.7	128.5
160	44.6	37.4	56.0



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.31 ng

RT: 13.08 min Scan# 1743

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

Tgt Ion:216 Resp: 75211

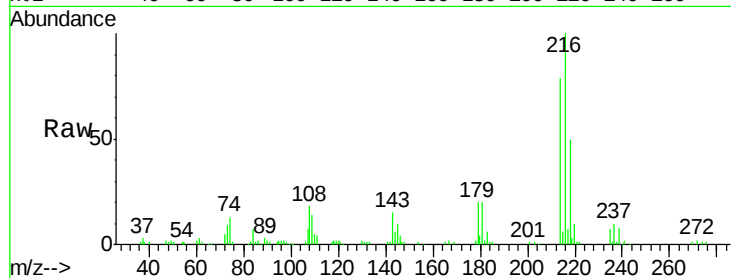
Ion Ratio Lower Upper

216 100

214 78.3 61.9 92.9

179 20.2 16.5 24.7

108 19.7 15.1 22.7

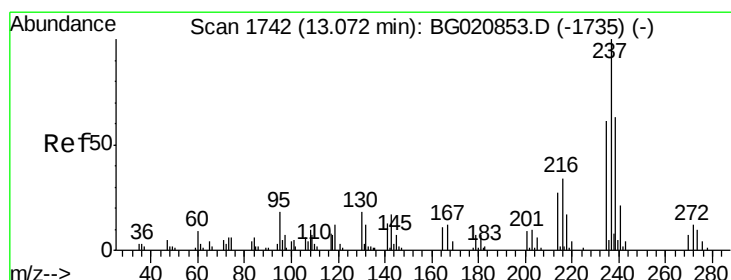
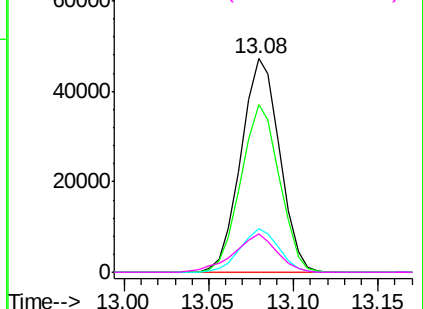
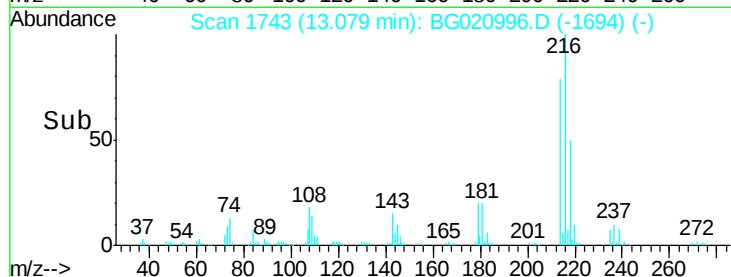


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 80.00 ng

RT: 13.06 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

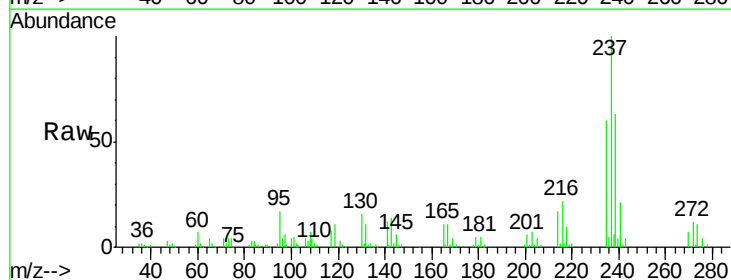
Tgt Ion:237 Resp: 69093

Ion Ratio Lower Upper

237 100

235 60.5 40.8 80.8

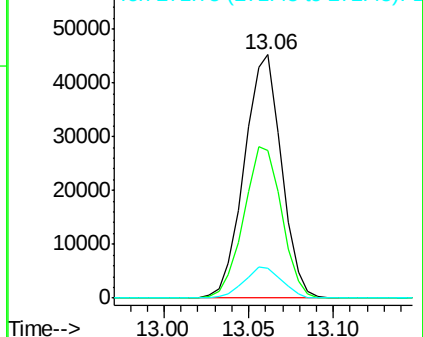
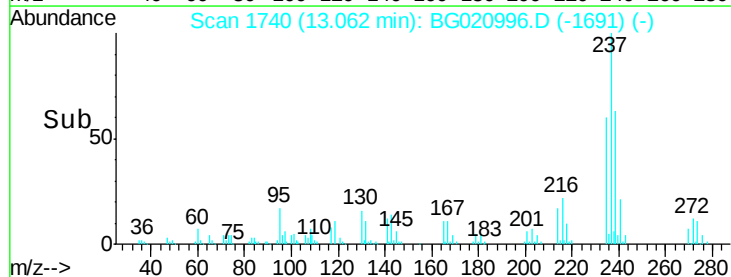
272 12.2 0.0 32.3

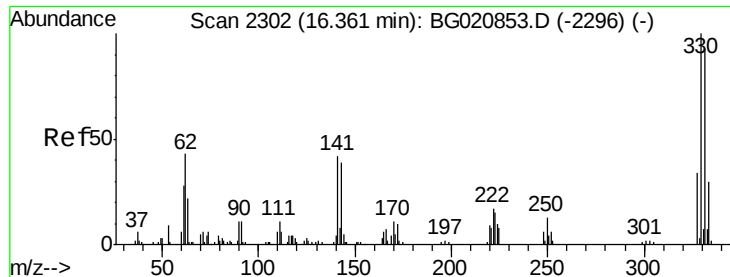


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

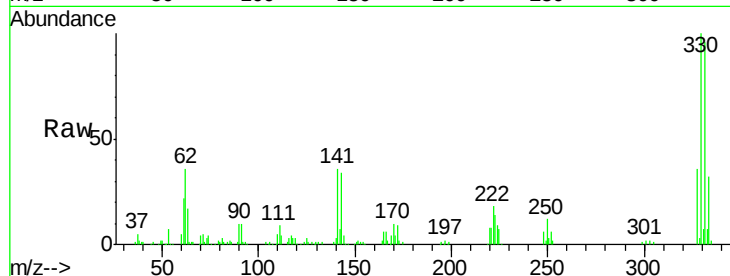




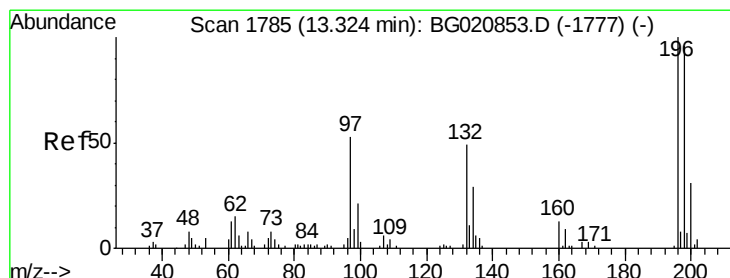
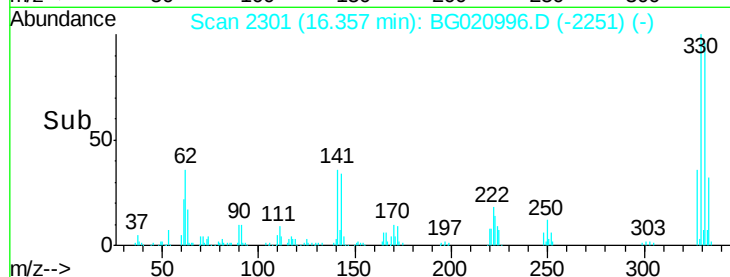
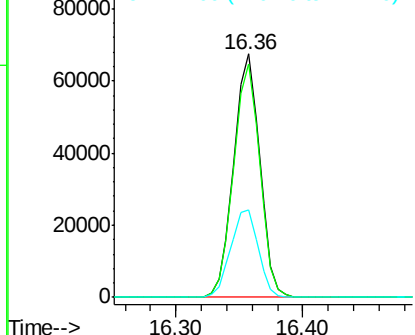
#41
 2,4,6-Tribromophenol
 Concen: 146.28 ng
 RT: 16.36 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tgt Ion:330 Resp: 96273
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.1 114.1
 141 37.8 32.0 48.0

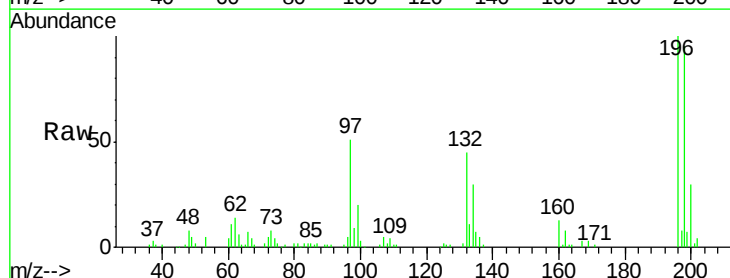


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

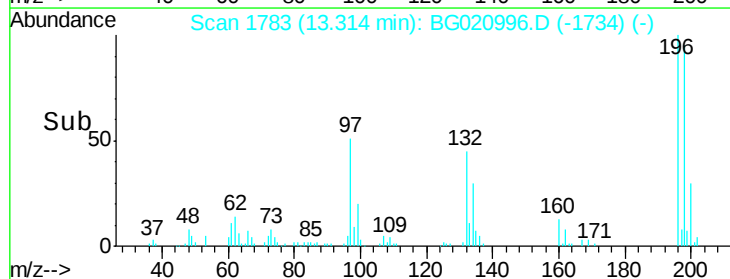
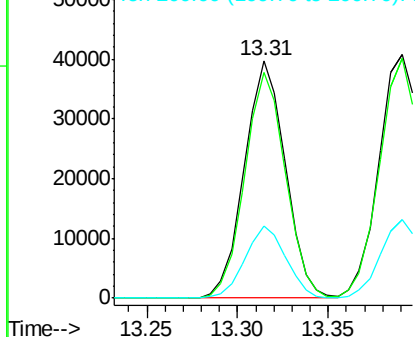


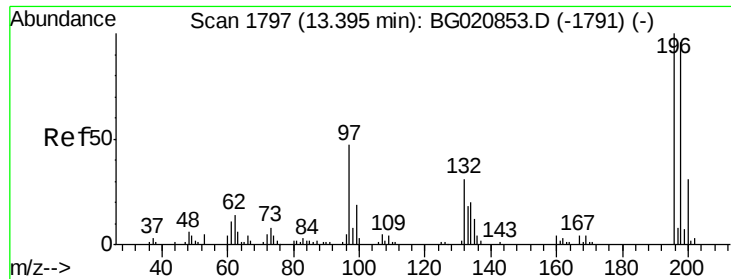
#42
 2,4,6-Trichlorophenol
 Concen: 47.32 ng
 RT: 13.31 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:196 Resp: 62407
 Ion Ratio Lower Upper
 196 100
 198 95.1 77.1 115.7
 200 30.3 24.7 37.1



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

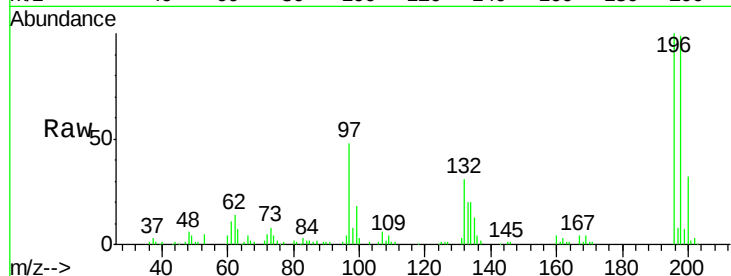




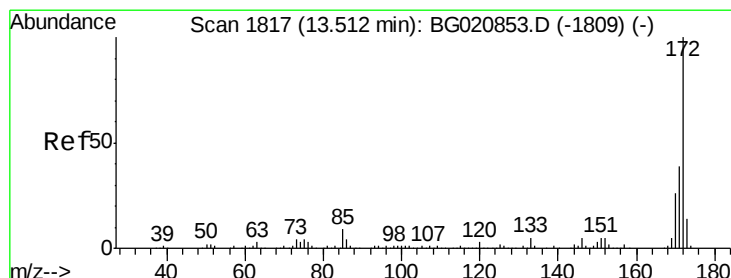
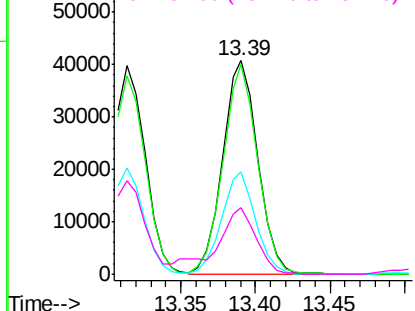
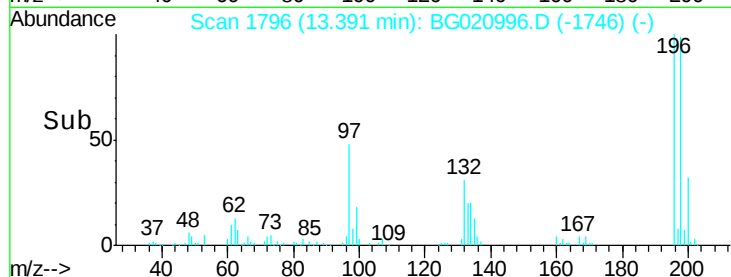
#43
 2,4,5-Trichlorophenol
 Concen: 48.45 ng
 RT: 13.39 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tgt Ion:	196	Resp:	67183
Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.4	114.6
97	47.7	37.4	56.0
132	31.0	24.7	37.1

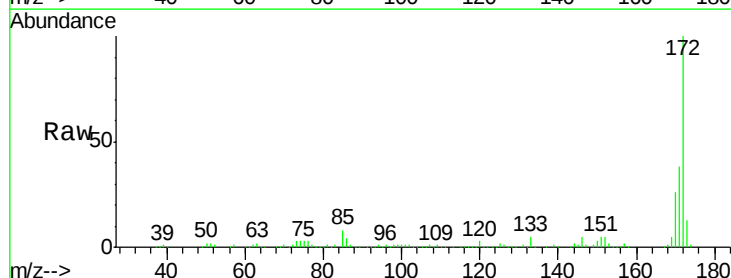


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

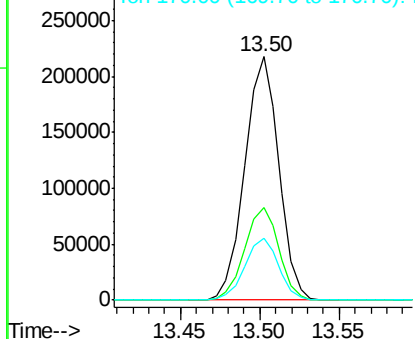
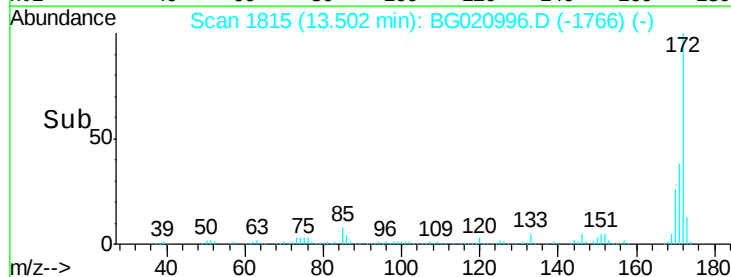


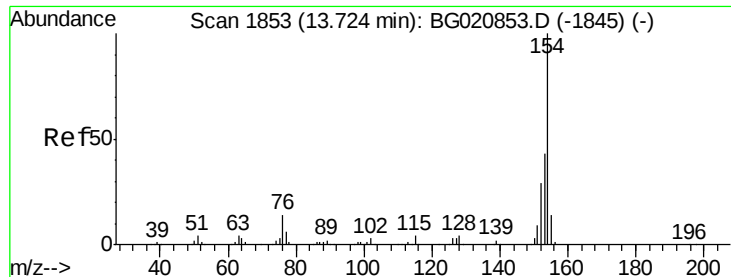
#44
 2-Fluorobiphenyl
 Concen: 67.96 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:	172	Resp:	323793
Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.2	46.8
170	25.7	20.6	30.8



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

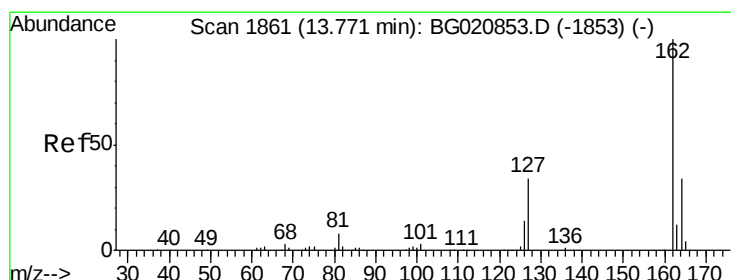
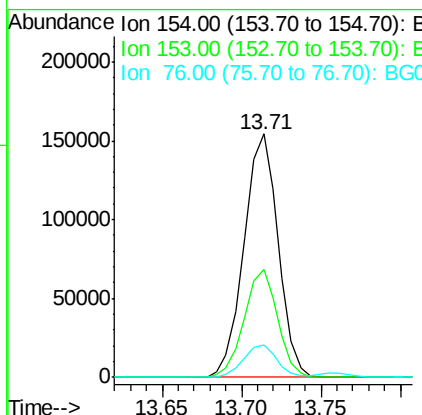
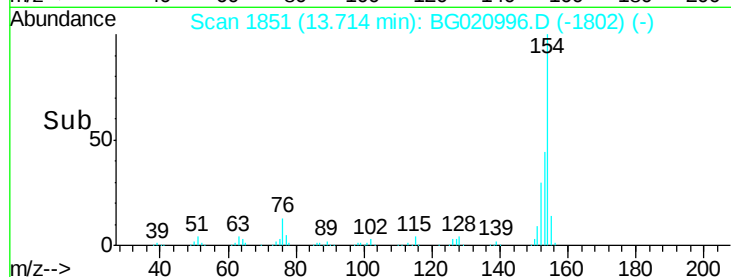
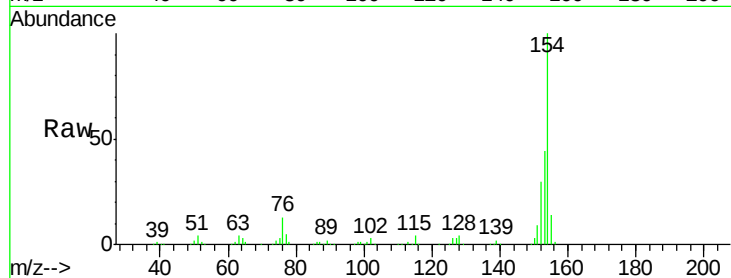




#45
 1,1'-Biphenyl
 Concen: 39.03 ng
 RT: 13.71 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

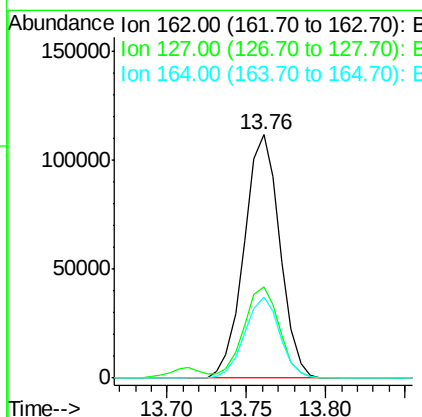
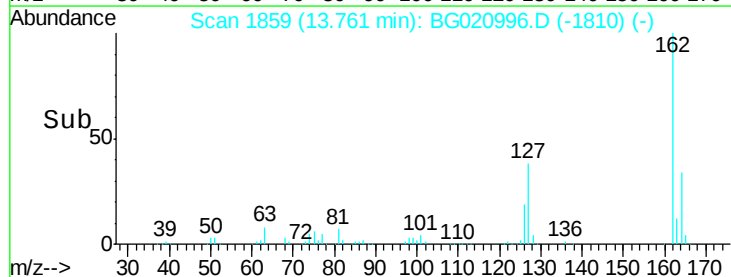
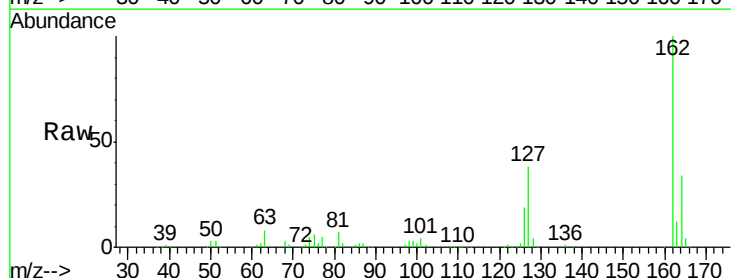
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.5	62.5
76	13.3	0.0	33.8



#46
 2-Chloronaphthalene
 Concen: 41.33 ng
 RT: 13.76 min Scan# 1859
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.6	45.8
164	33.5	26.8	40.2

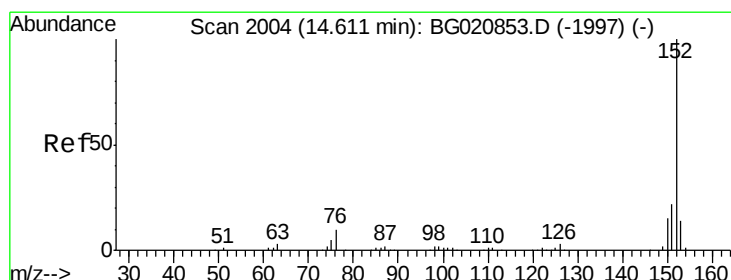
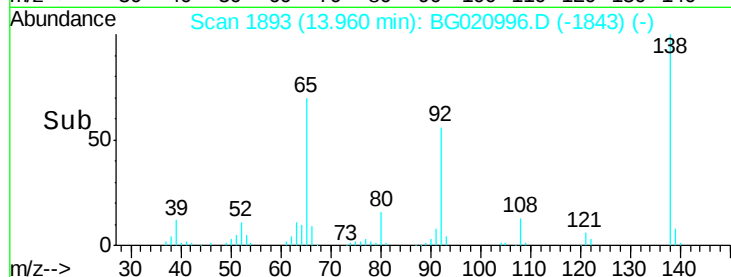
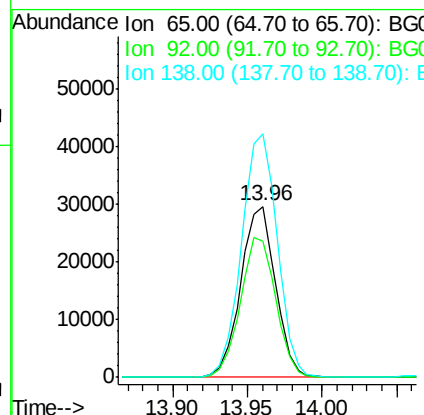
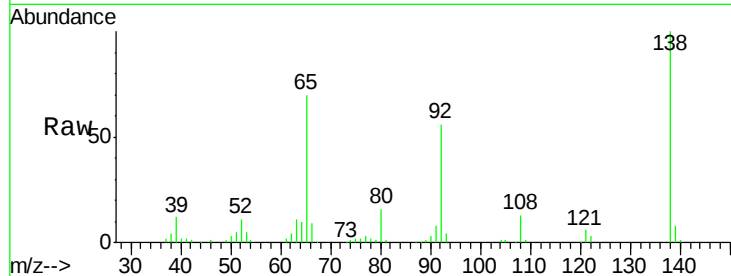




#47
2-Nitroaniline
Concen: 47.23 ng
RT: 13.96 min Scan# 1893
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

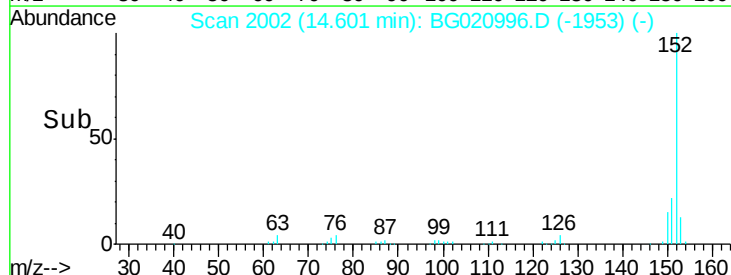
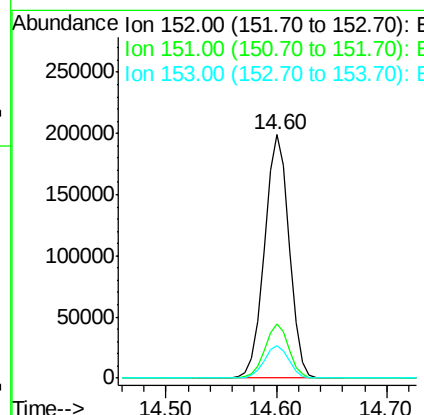
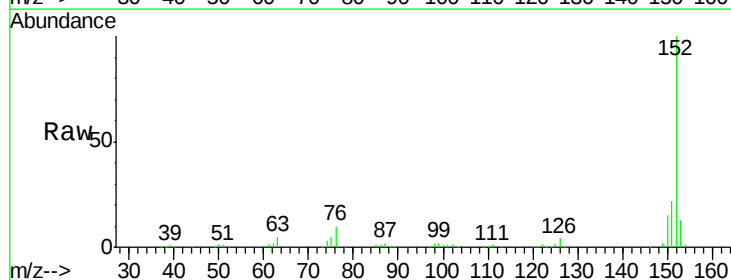
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

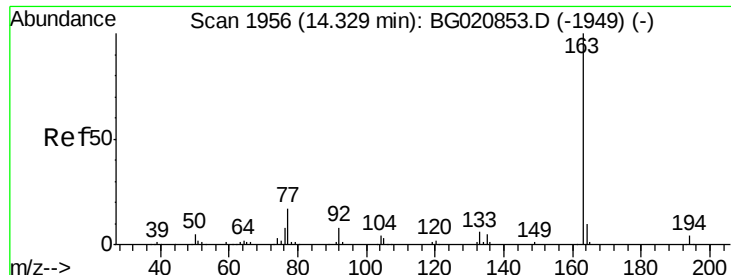
Tgt Ion: 65 Resp: 47810
Ion Ratio Lower Upper
65 100
92 79.6 65.8 98.8
138 142.6 117.1 175.7



#48
Acenaphthylene
Concen: 42.34 ng
RT: 14.60 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion: 152 Resp: 311191
Ion Ratio Lower Upper
152 100
151 22.3 17.5 26.3
153 13.1 10.9 16.3





#49

Dimethylphthalate

Concen: 59.25 ng

RT: 14.32 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

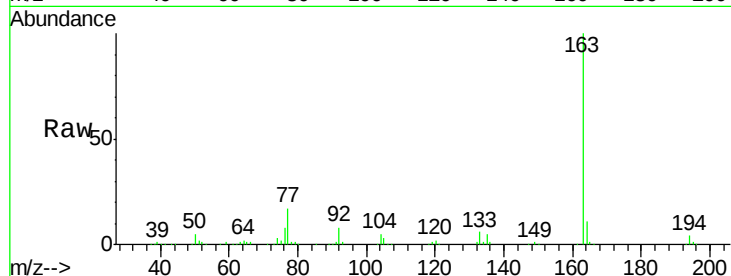
Tgt Ion:163 Resp: 310090

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

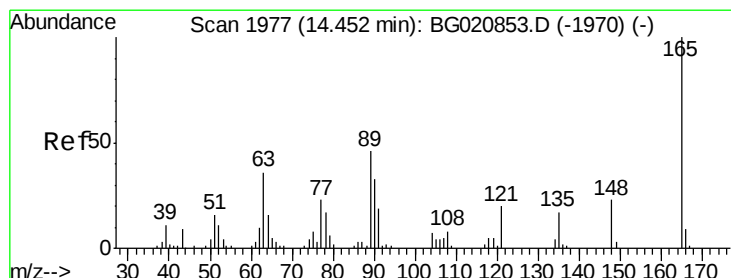
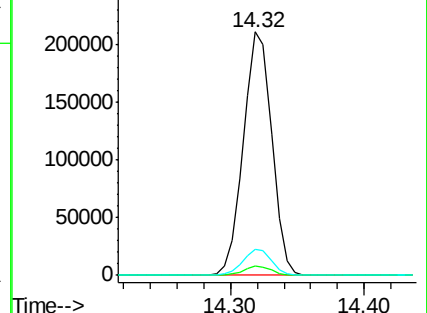
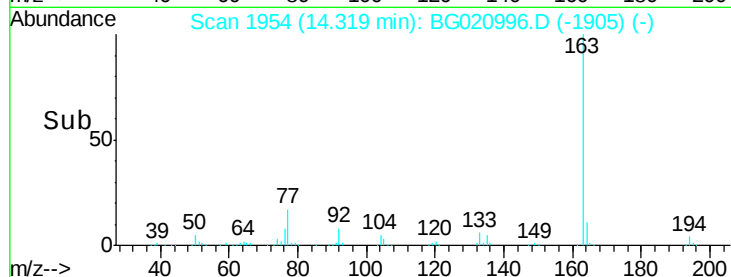
164 10.6 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.64 ng

RT: 14.44 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

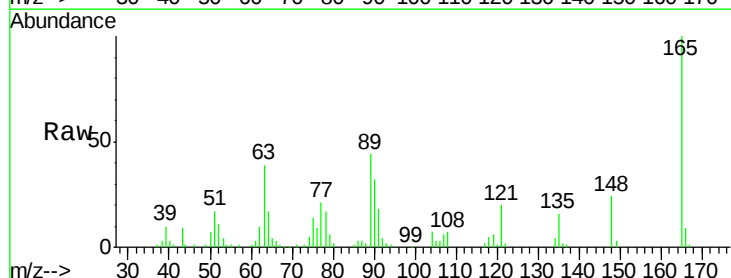
Tgt Ion:165 Resp: 53423

Ion Ratio Lower Upper

165 100

63 39.1 30.3 45.5

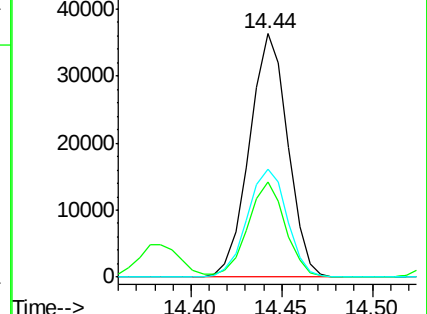
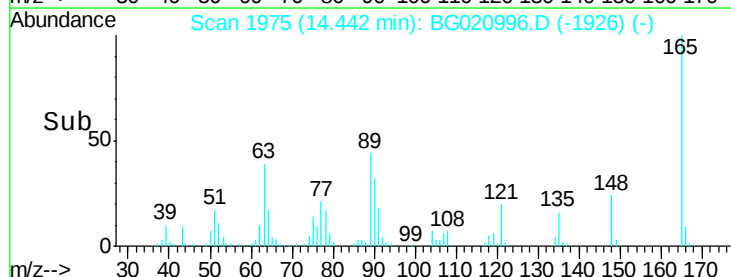
89 44.3 36.9 55.3

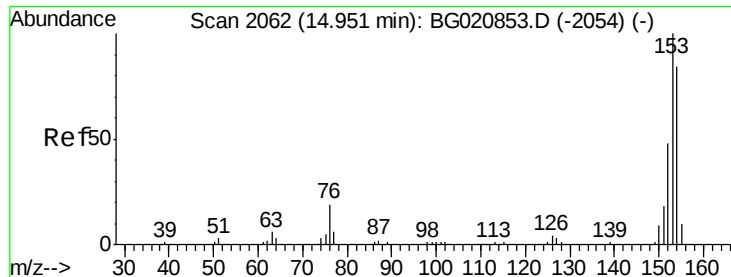


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 42.69 ng

RT: 14.94 min Scan# 2059

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

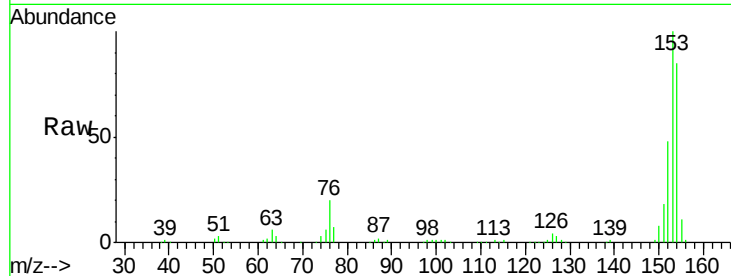
Tgt Ion:154 Resp: 190250

Ion Ratio Lower Upper

154 100

153 117.8 95.4 143.0

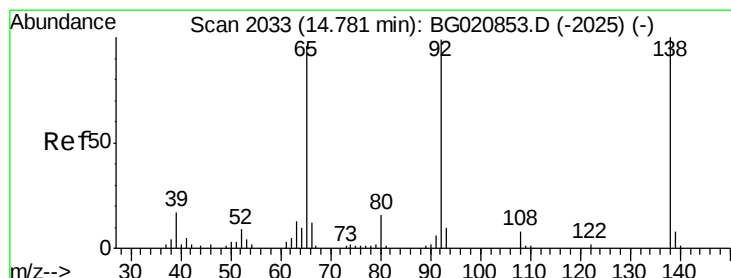
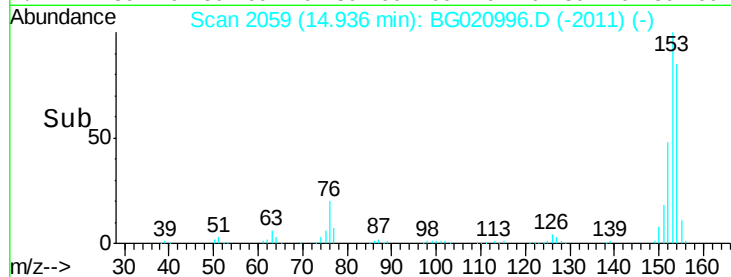
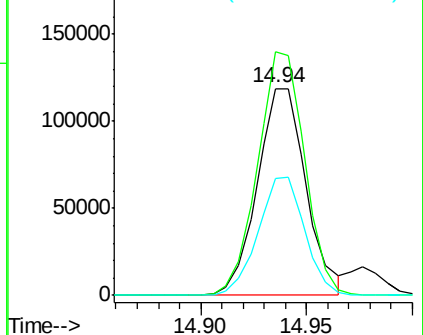
152 56.4 46.1 69.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 33.12 ng

RT: 14.78 min Scan# 2032

Delta R.T. -0.00 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

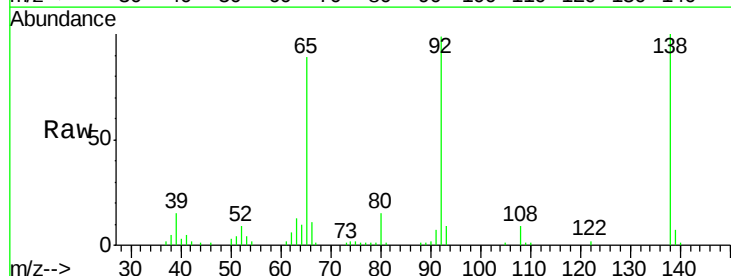
Tgt Ion:138 Resp: 43155

Ion Ratio Lower Upper

138 100

108 8.6 6.2 9.2

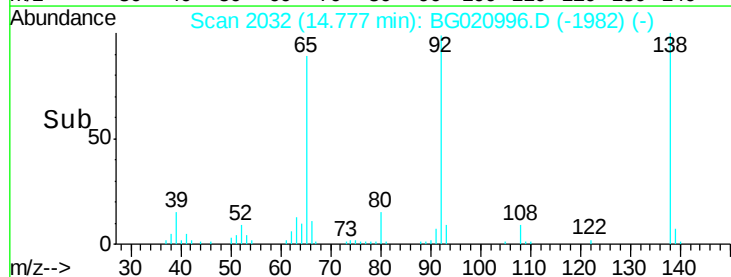
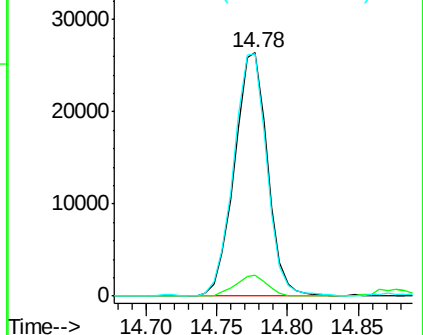
92 99.5 79.5 119.3

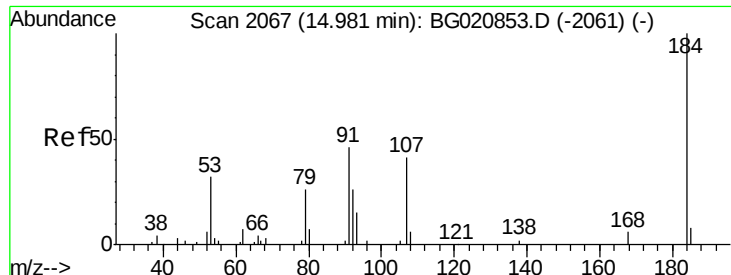


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

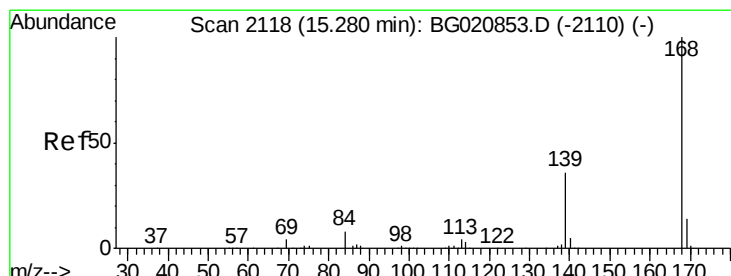
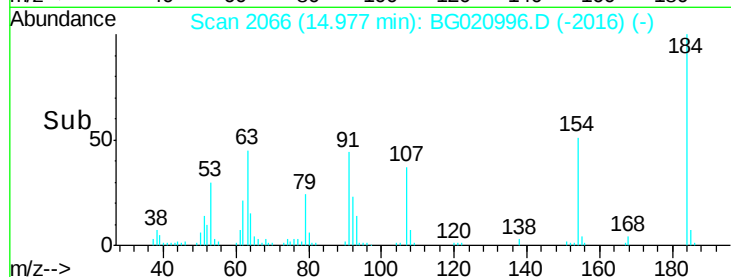
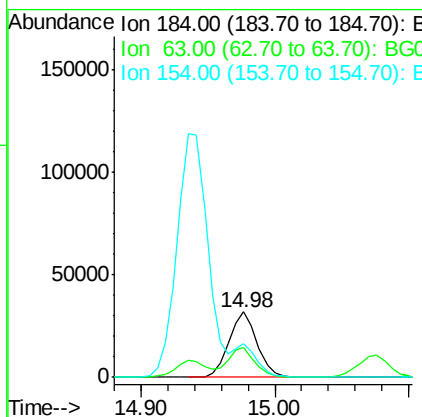
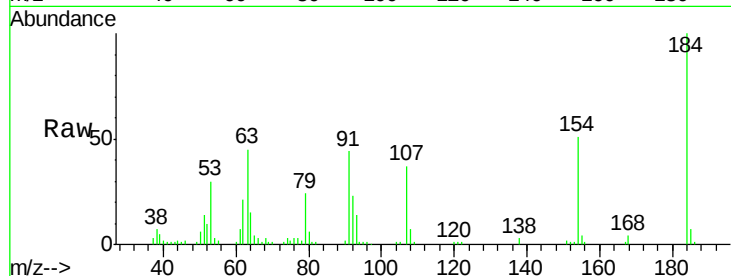




#53
2,4-Dinitrophenol
Concen: 97.03 ng
RT: 14.98 min Scan# 2066
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

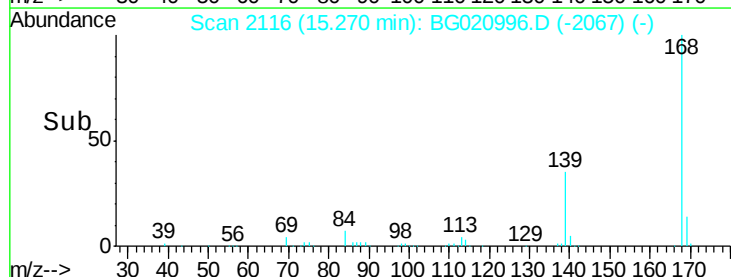
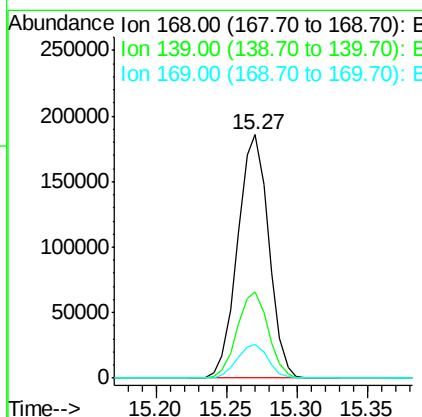
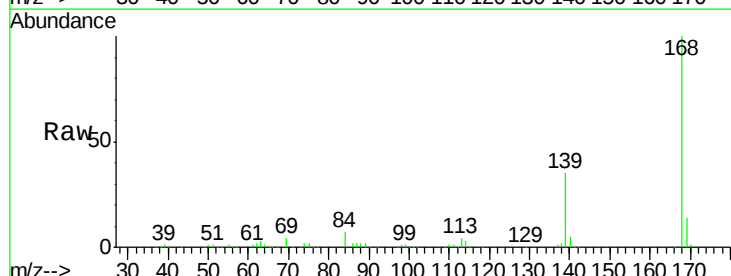
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

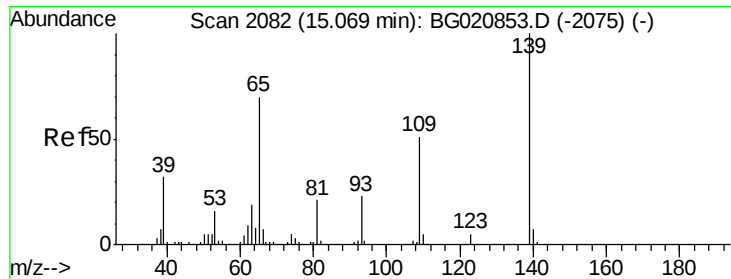
Tgt Ion:184 Resp: 47092
Ion Ratio Lower Upper
184 100
63 45.1 39.8 59.6
154 51.2 48.1 72.1



#54
Dibenzofuran
Concen: 48.37 ng
RT: 15.27 min Scan# 2116
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:168 Resp: 285159
Ion Ratio Lower Upper
168 100
139 35.2 28.5 42.7
169 13.6 11.0 16.4

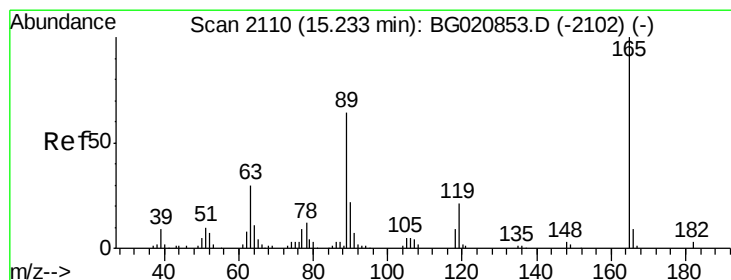
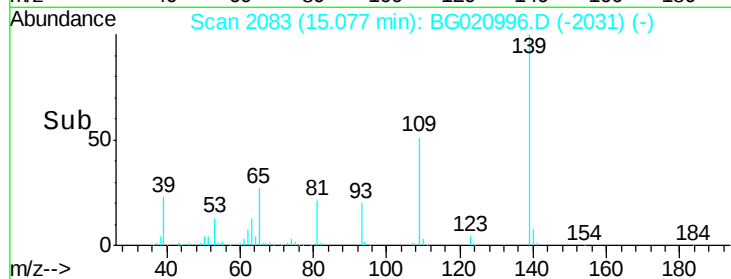
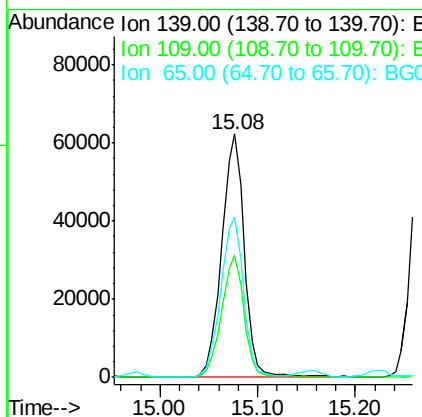
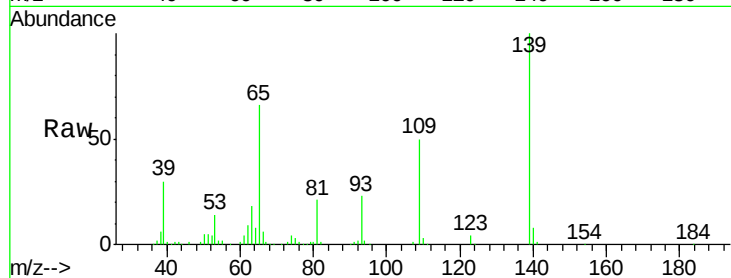




#55
4-Nitrophenol
Concen: 101.73 ng
RT: 15.08 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

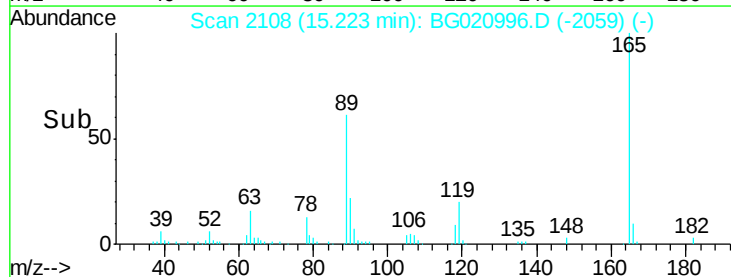
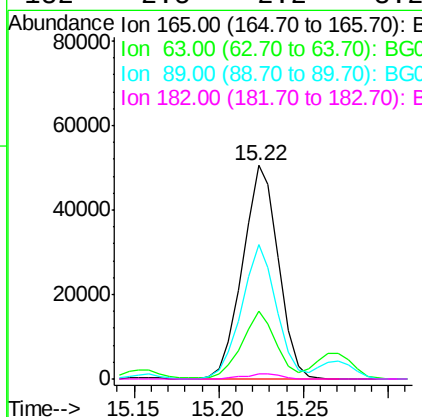
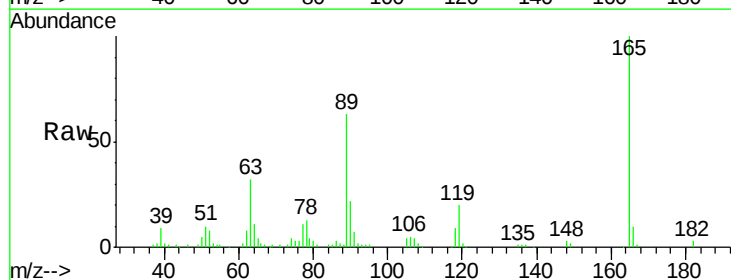
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

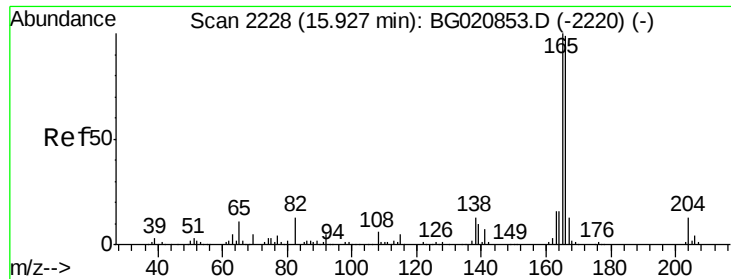
Tgt Ion:139 Resp: 100118
Ion Ratio Lower Upper
139 100
109 49.9 31.0 71.0
65 65.7 49.6 89.6



#56
2,4-Dinitrotoluene
Concen: 51.19 ng
RT: 15.22 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:165 Resp: 74203
Ion Ratio Lower Upper
165 100
63 31.8 23.7 35.5
89 62.7 50.9 76.3
182 2.5 2.2 3.2

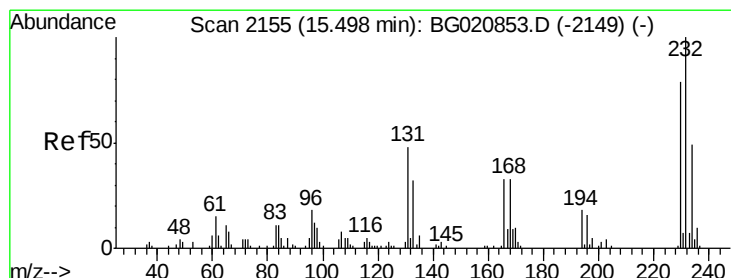
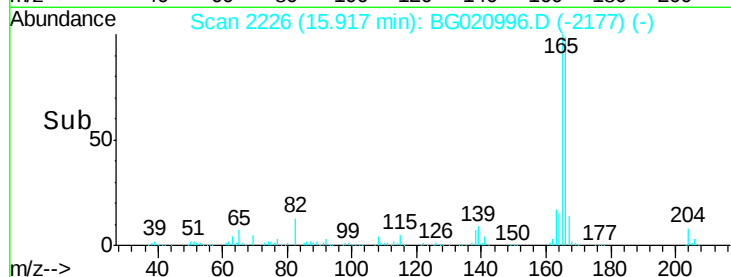
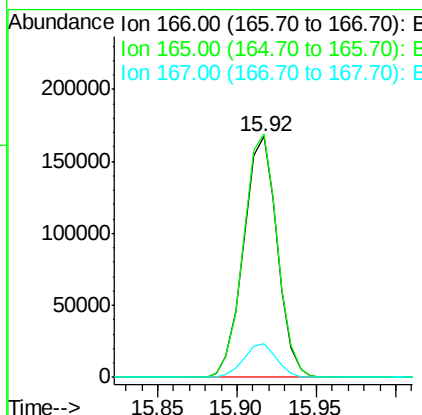
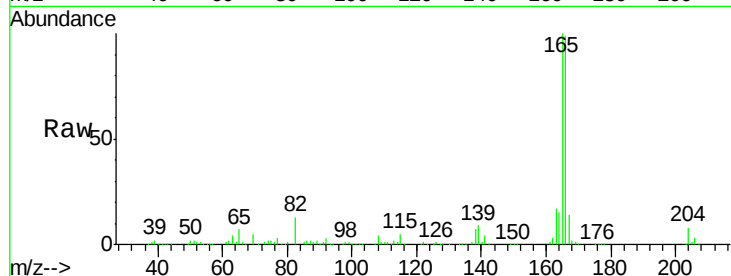




#57
 Fluorene
 Concen: 45.31 ng
 RT: 15.92 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

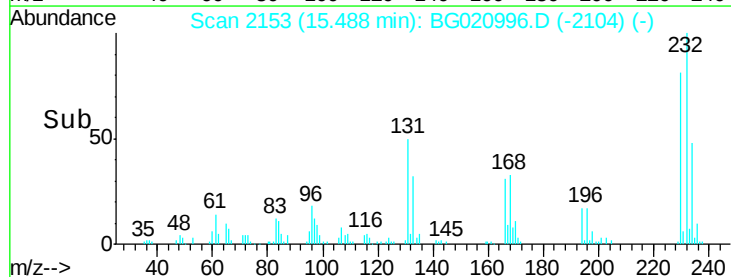
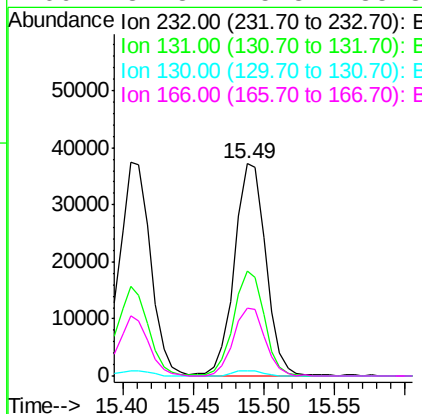
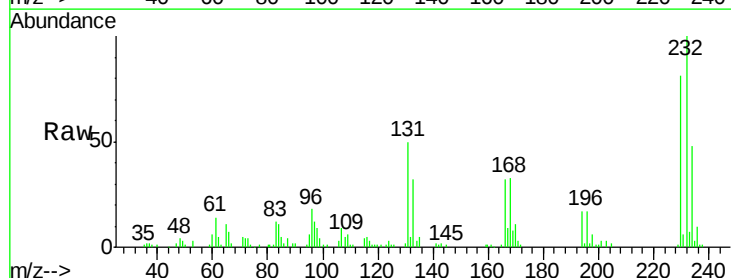
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

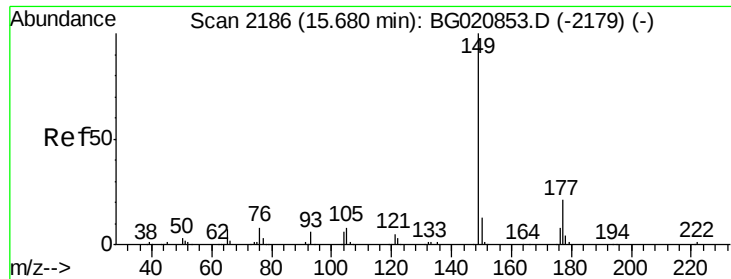
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	81.0	121.4
167	14.0	10.8	16.2



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 55.13 ng
 RT: 15.49 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
232	100		
131	47.8	39.2	58.8
130	2.2	2.0	3.0
166	31.8	25.8	38.8

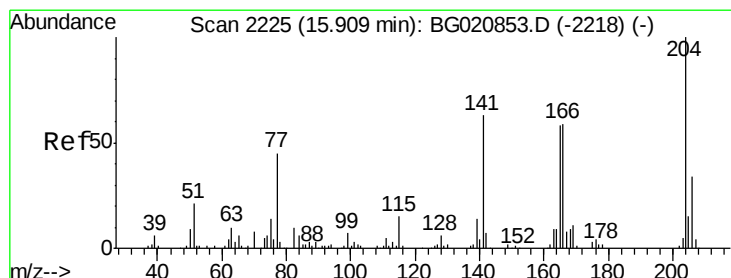
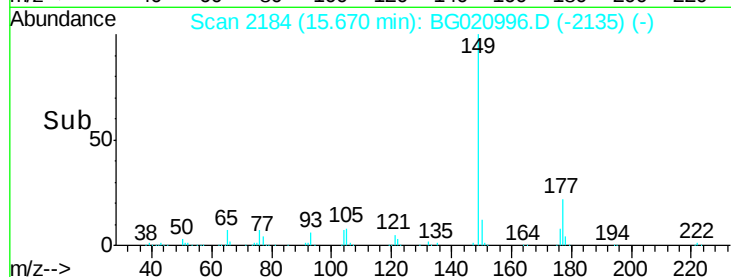
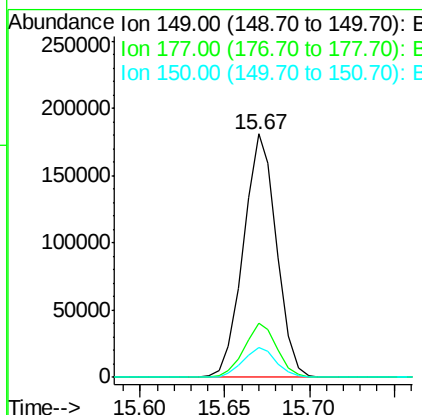
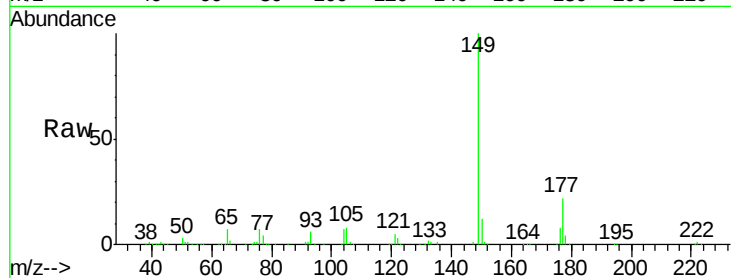




#59
Diethylphthalate
Concen: 45.75 ng
RT: 15.67 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

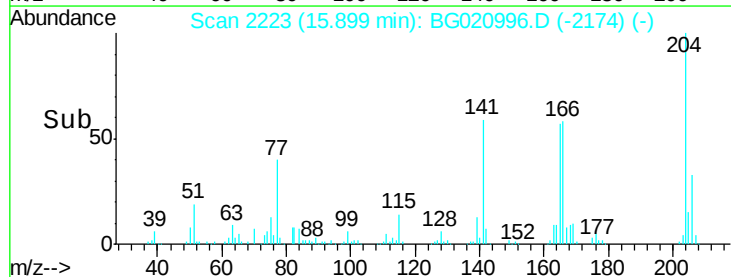
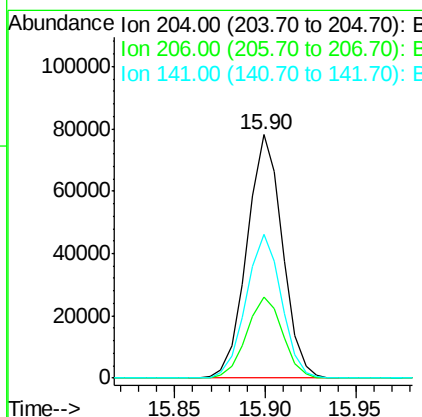
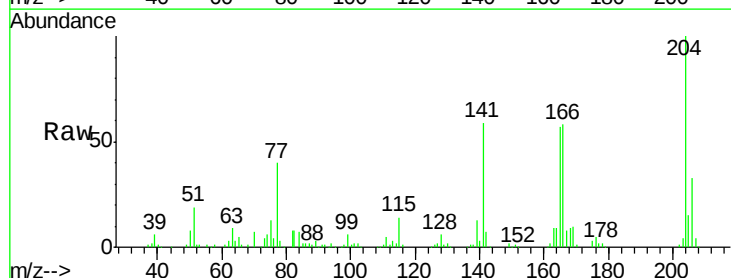
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

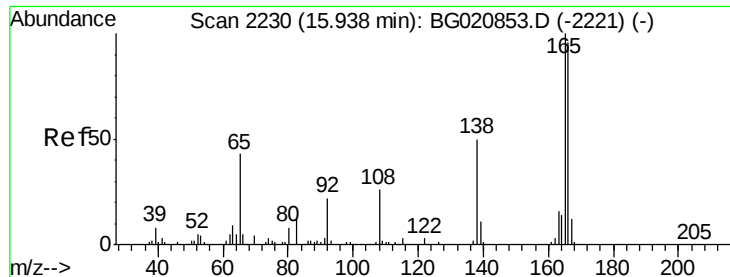
Tgt Ion:149 Resp: 246142
Ion Ratio Lower Upper
149 100
177 22.3 16.9 25.3
150 12.4 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 44.18 ng
RT: 15.90 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:204 Resp: 106506
Ion Ratio Lower Upper
204 100
206 33.4 26.9 40.3
141 58.9 50.3 75.5

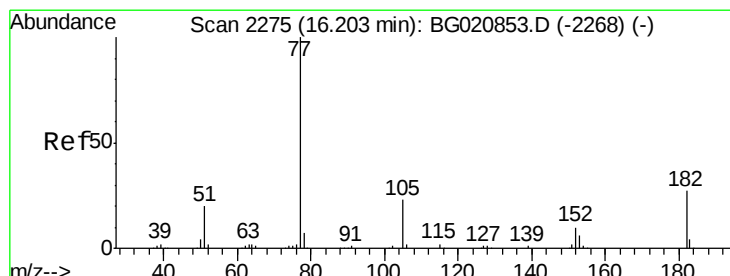
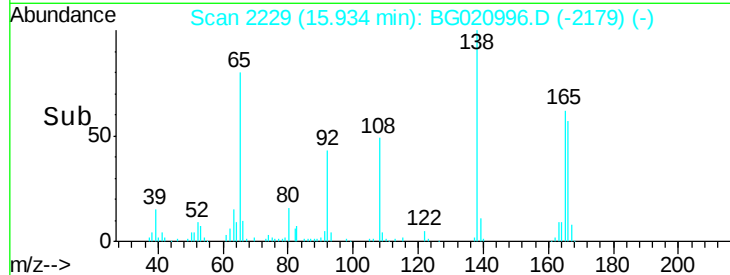
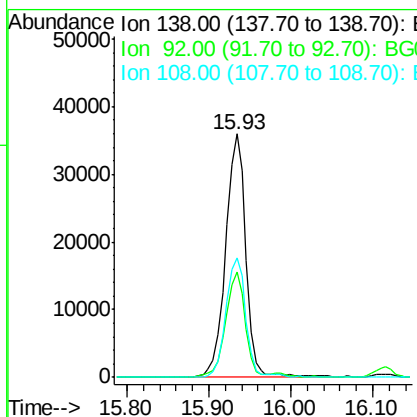
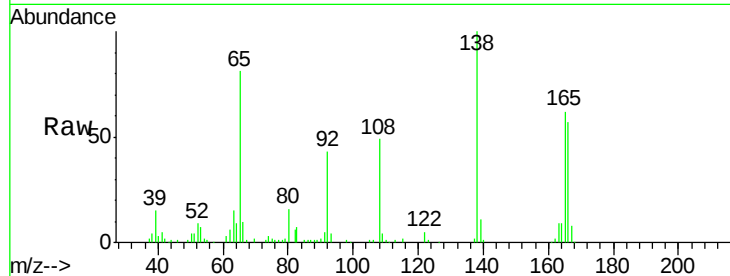




#61
 4-Nitroaniline
 Concen: 47.24 ng
 RT: 15.93 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

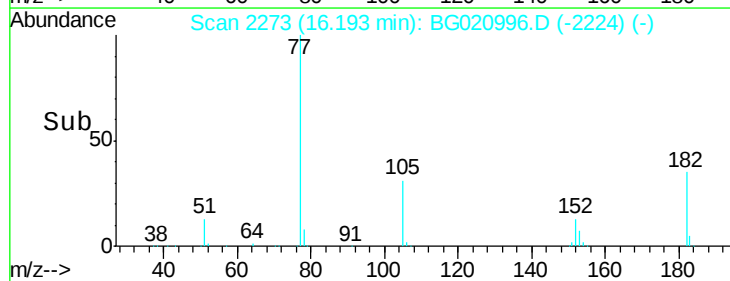
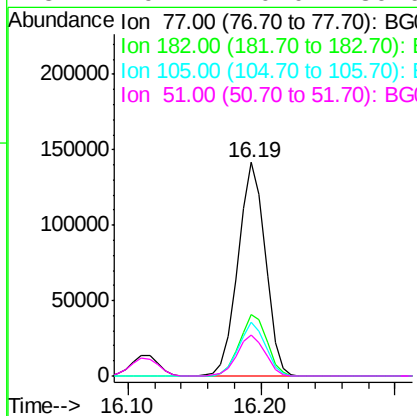
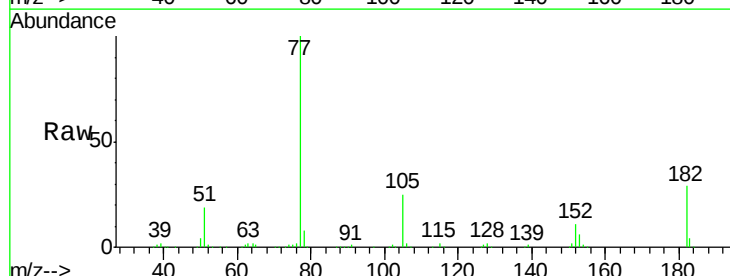
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

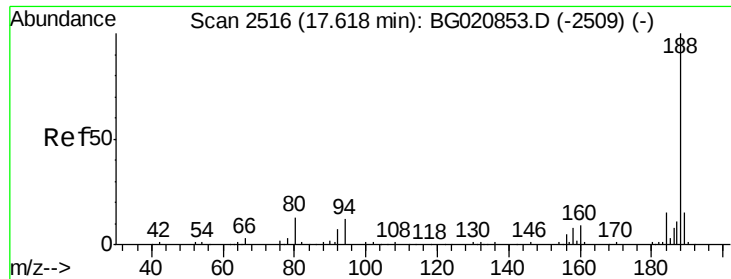
Tgt Ion:	138	Resp:	61789
Ion	Ratio	Lower	Upper
138	100		
92	43.5	24.1	64.1
108	49.0	32.4	72.4



#62
 Azobenzene
 Concen: 47.45 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:	77	Resp:	200697
Ion	Ratio	Lower	Upper
77	100		
182	28.9	6.8	46.8
105	25.3	3.4	43.4
51	19.1	0.0	39.9

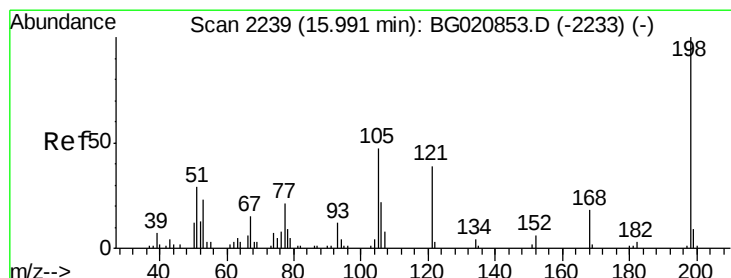
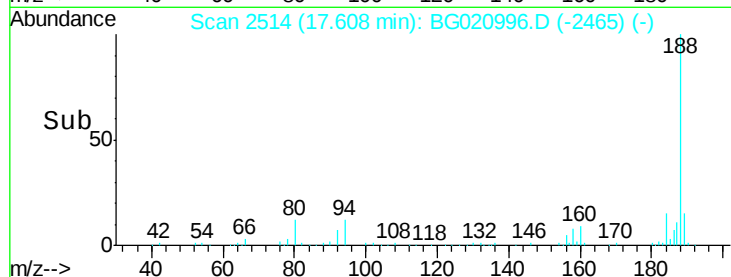
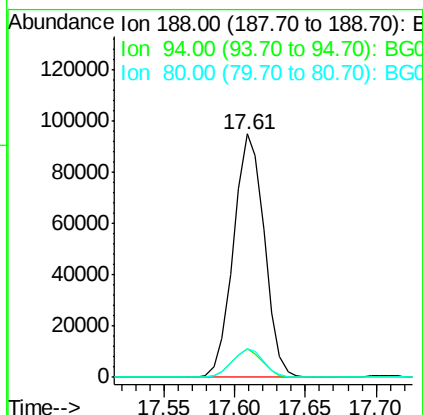
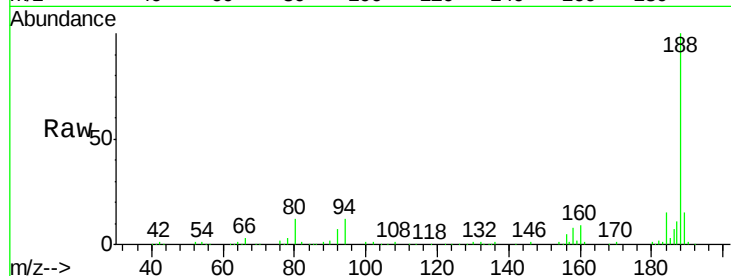




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

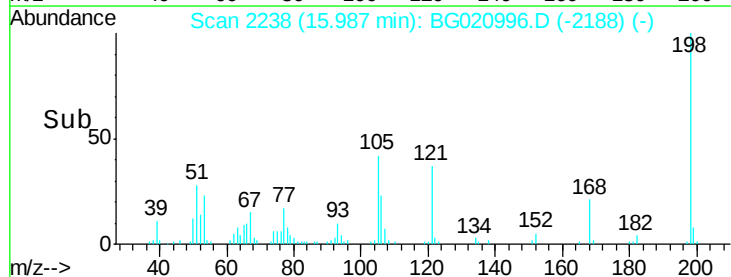
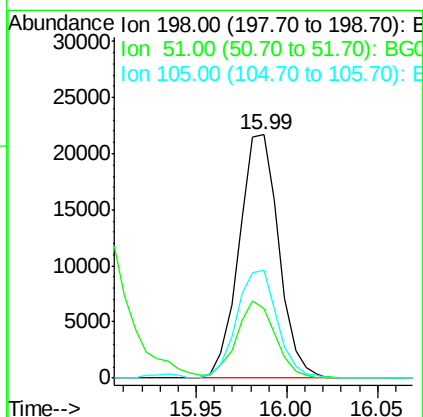
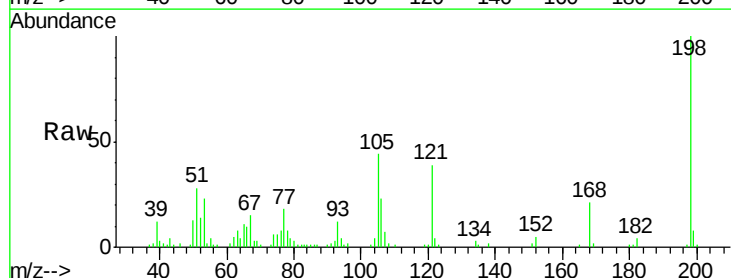
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

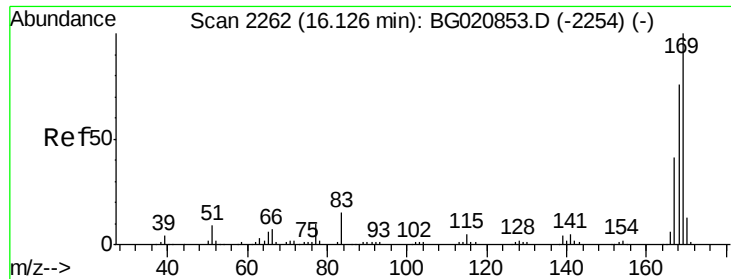
Tgt Ion:188 Resp: 144938
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.0
80 11.7 10.2 15.4



#64
4,6-Dinitro-2-methylphenol
Concen: 45.02 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:198 Resp: 32877
Ion Ratio Lower Upper
198 100
51 28.4 10.6 50.6
105 44.3 27.0 67.0

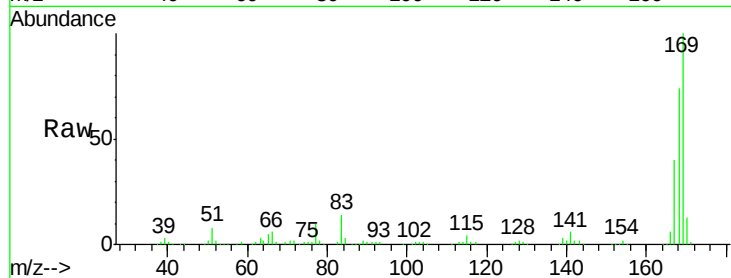




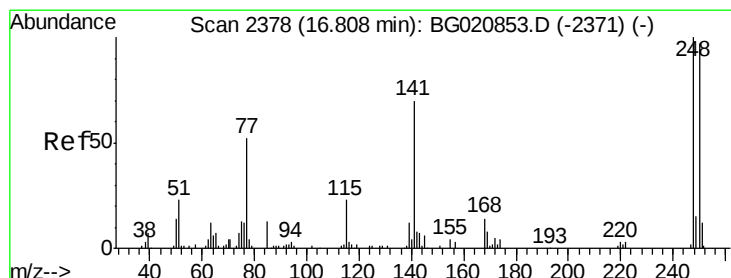
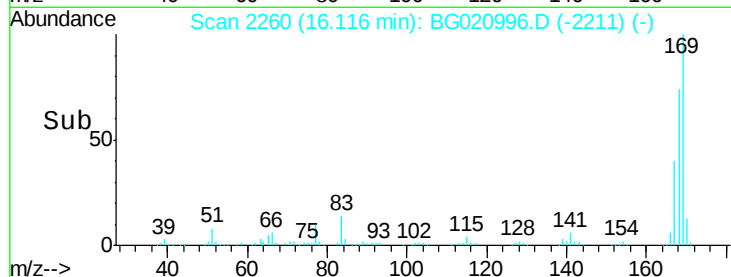
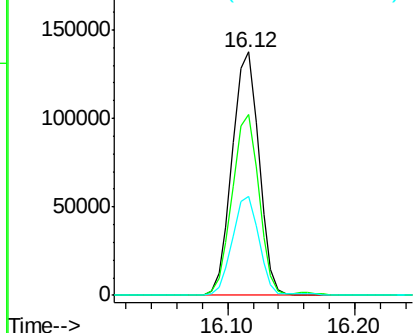
#65
 n-Nitrosodiphenylamine
 Concen: 42.86 ng
 RT: 16.12 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tgt Ion:169 Resp: 200698
 Ion Ratio Lower Upper
 169 100
 168 74.5 60.7 91.1
 167 40.5 32.8 49.2

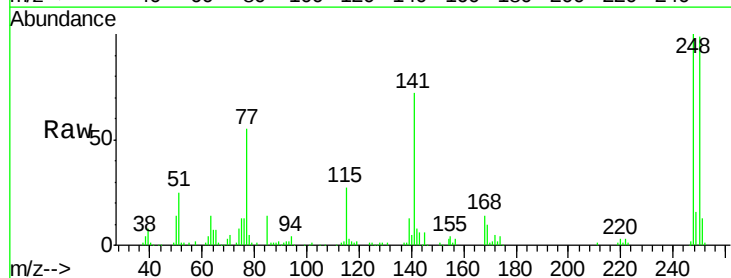


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

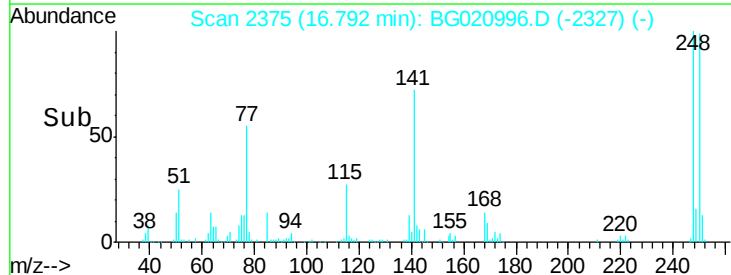
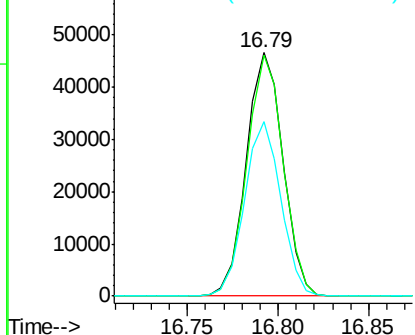


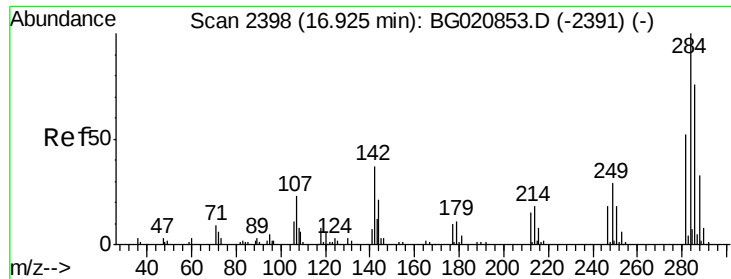
#66
 4-Bromophenyl-phenylether
 Concen: 42.76 ng
 RT: 16.79 min Scan# 2375
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:248 Resp: 65455
 Ion Ratio Lower Upper
 248 100
 250 99.2 77.4 116.2
 141 71.7 55.7 83.5



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





#67

Hexachlorobenzene

Concen: 44.87 ng

RT: 16.92 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

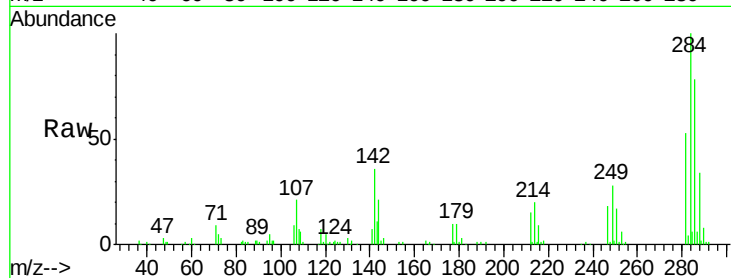
Tgt Ion:284 Resp: 73089

Ion Ratio Lower Upper

284 100

142 35.6 29.9 44.9

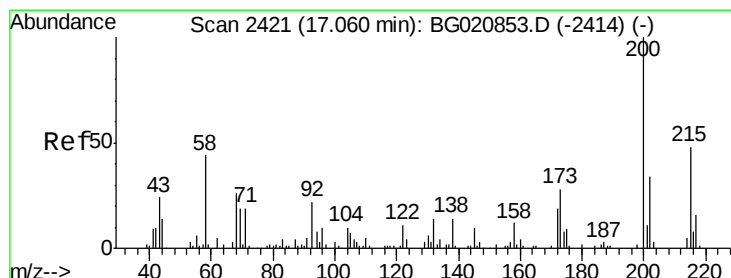
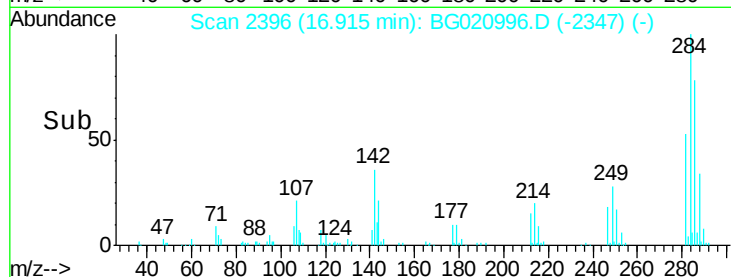
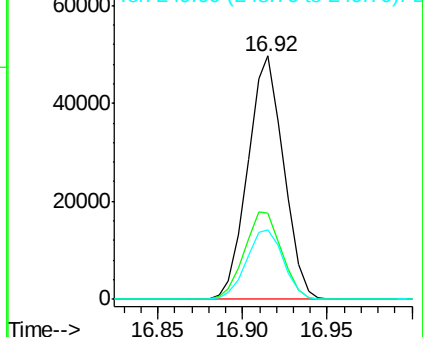
249 28.4 23.3 34.9



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.08 ng

RT: 17.05 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

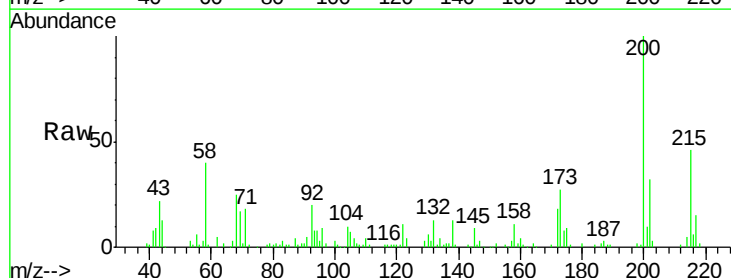
Tgt Ion:200 Resp: 65477

Ion Ratio Lower Upper

200 100

173 27.1 8.4 48.4

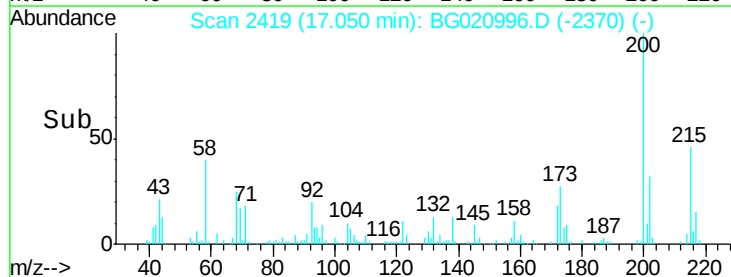
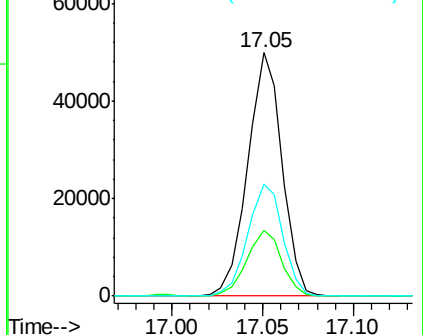
215 45.9 28.2 68.2

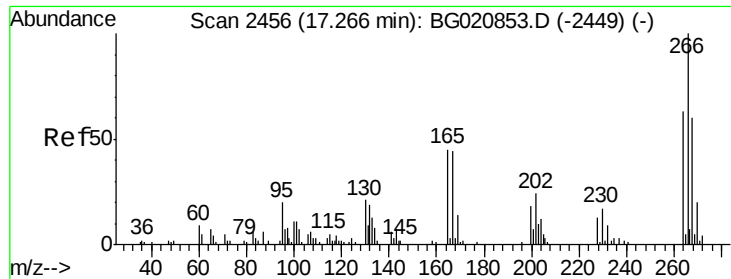


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

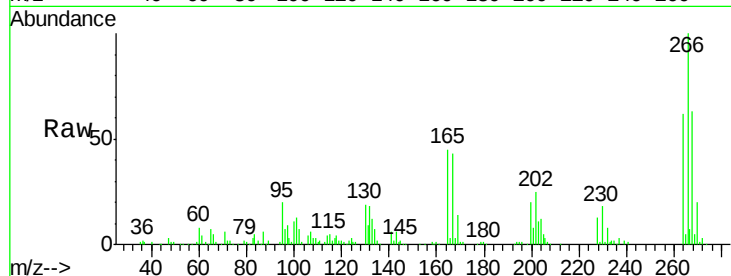




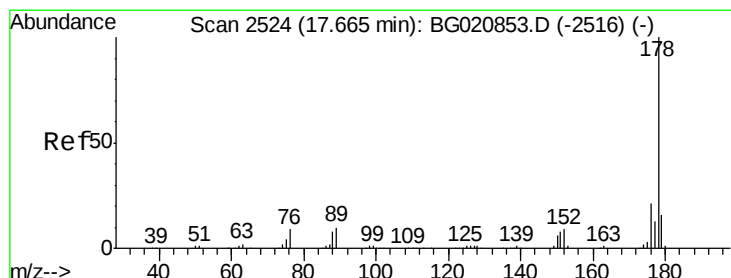
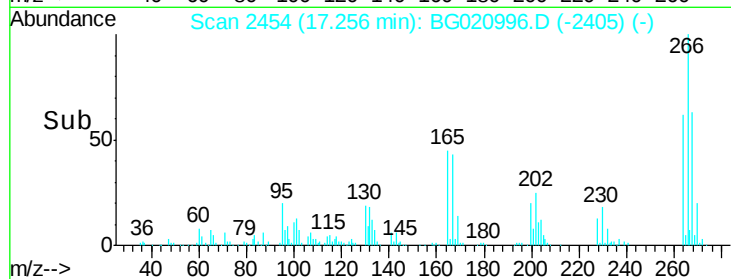
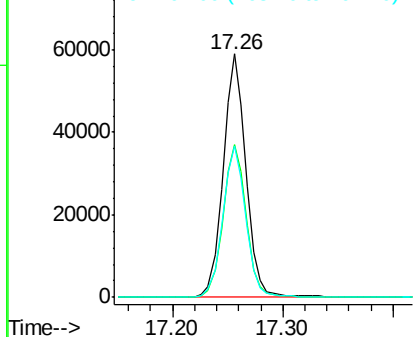
#69
 Pentachlorophenol
 Concen: 90.58 ng
 RT: 17.26 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.7	47.8	71.6
264	62.3	50.2	75.4

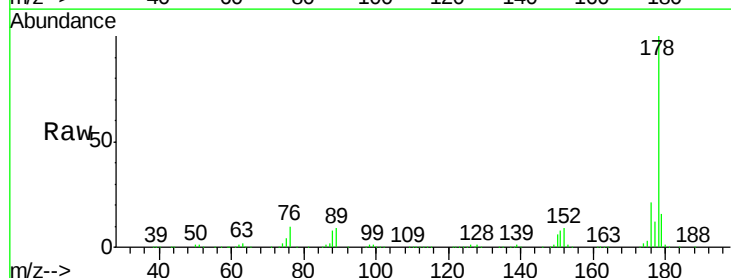


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

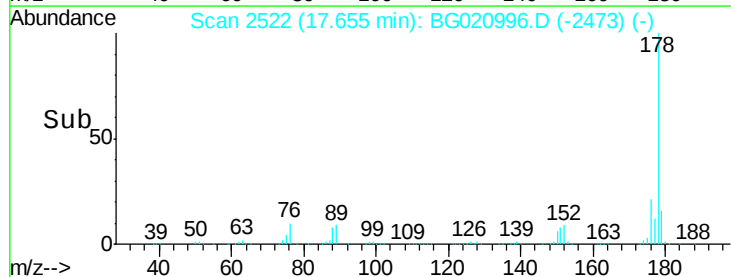
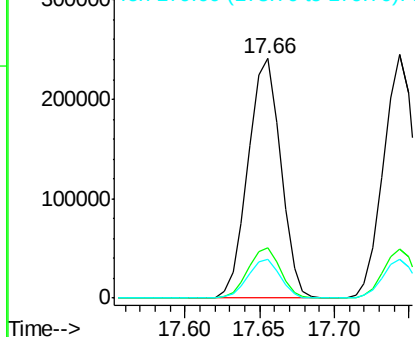


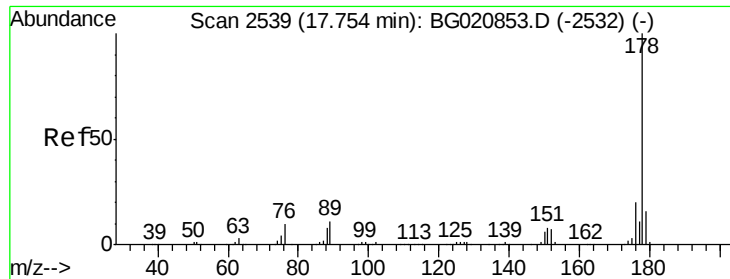
#70
 Phenanthrene
 Concen: 44.26 ng
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.8	25.2
179	16.3	12.6	19.0



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

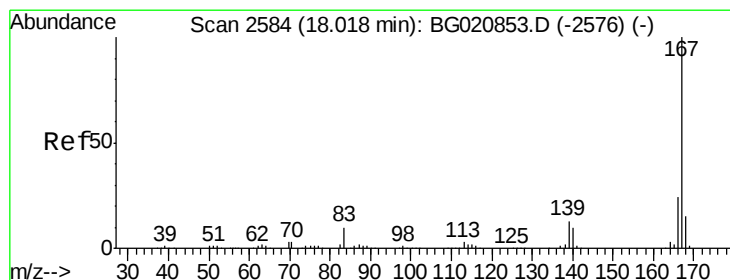
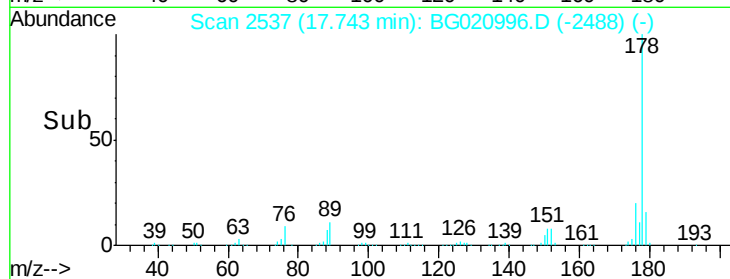
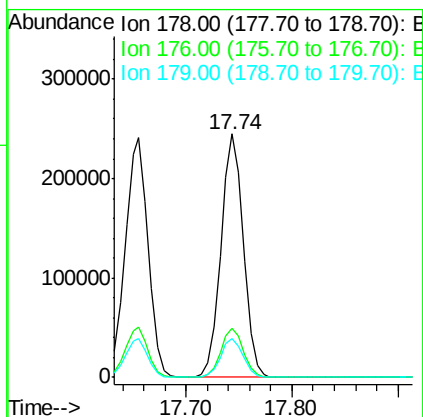
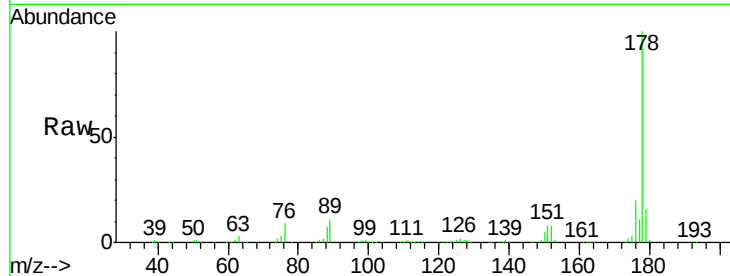




#71
 Anthracene
 Concen: 43.14 ng
 RT: 17.74 min Scan# 2537
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

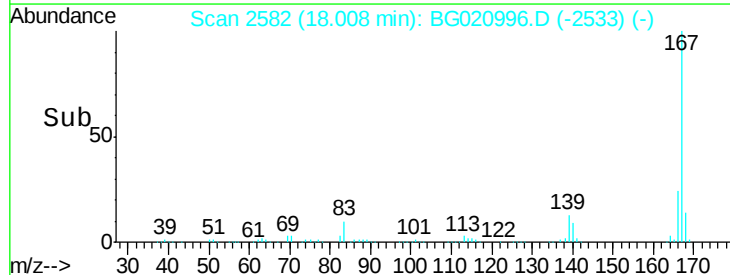
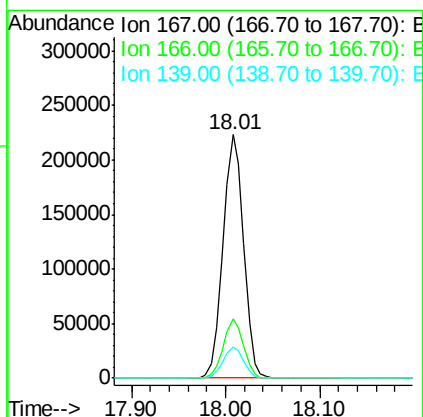
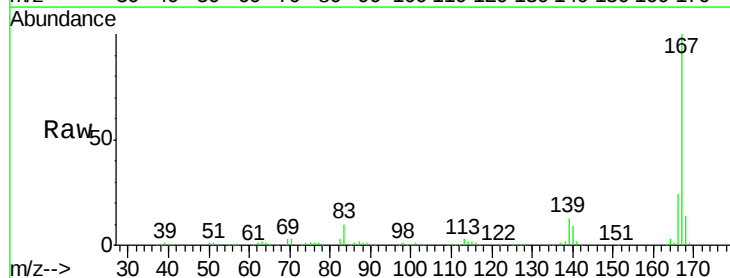
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

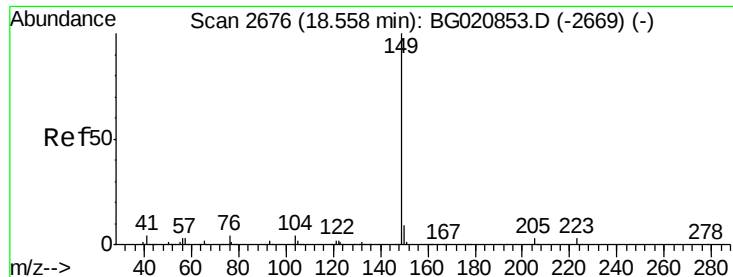
Tgt Ion:178 Resp: 361299
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.2 24.4
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 45.24 ng
 RT: 18.01 min Scan# 2582
 Delta R.T. -0.01 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:167 Resp: 340038
 Ion Ratio Lower Upper
 167 100
 166 24.4 19.3 28.9
 139 12.9 10.2 15.4

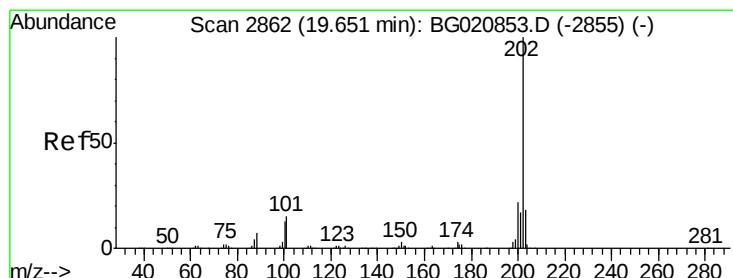
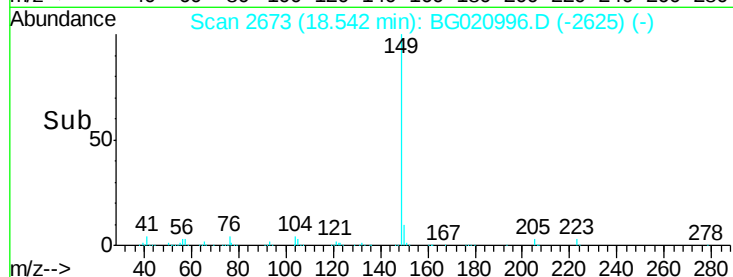
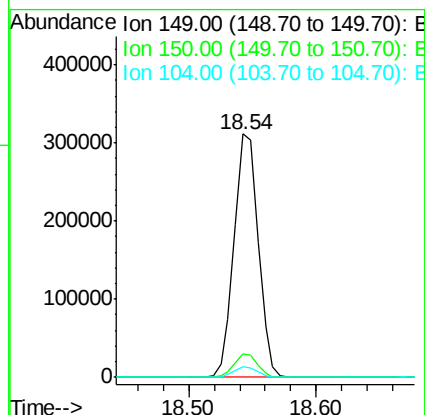
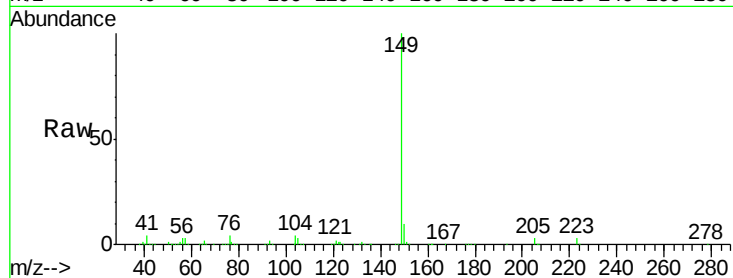




#73
Di-n-butylphthalate
Concen: 42.41 ng
RT: 18.54 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

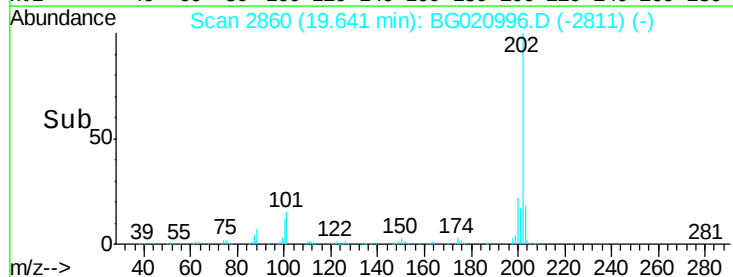
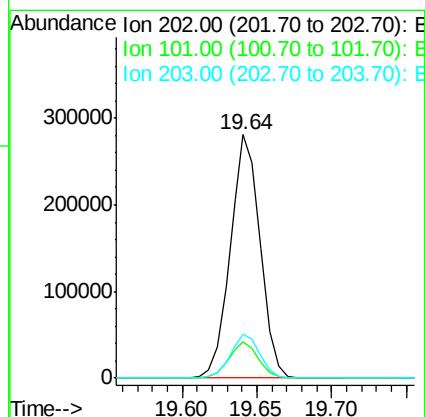
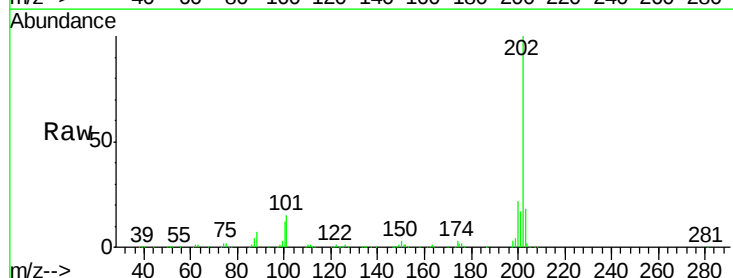
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

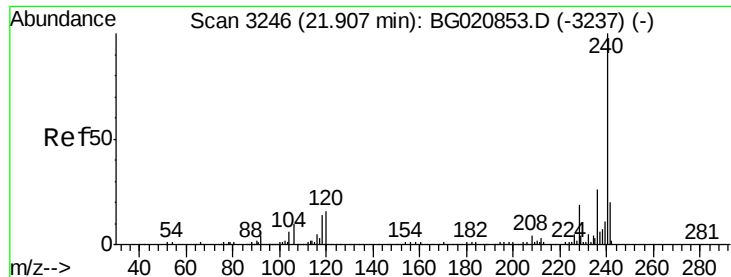
Tgt Ion:149 Resp: 408763
Ion Ratio Lower Upper
149 100
150 9.6 7.6 11.4
104 4.3 3.4 5.0



#74
Fluoranthene
Concen: 43.81 ng
RT: 19.64 min Scan# 2860
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:202 Resp: 390552
Ion Ratio Lower Upper
202 100
101 15.0 0.0 35.3
203 18.0 0.0 37.8

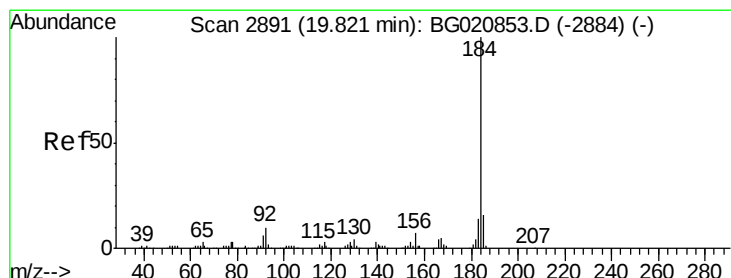
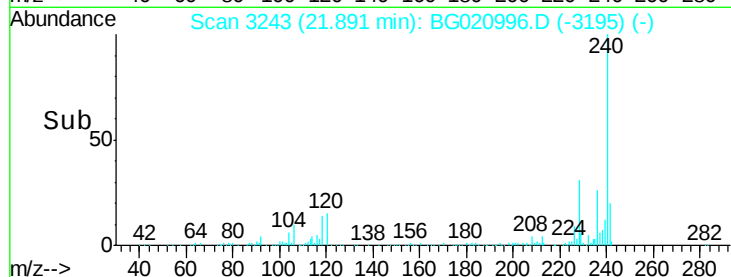
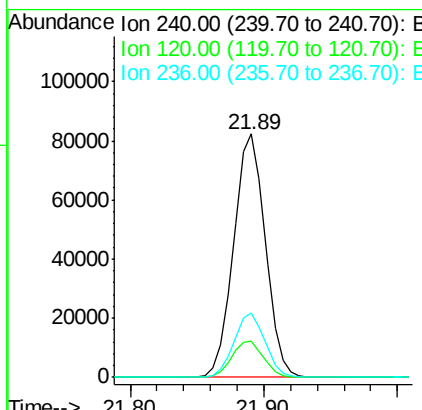
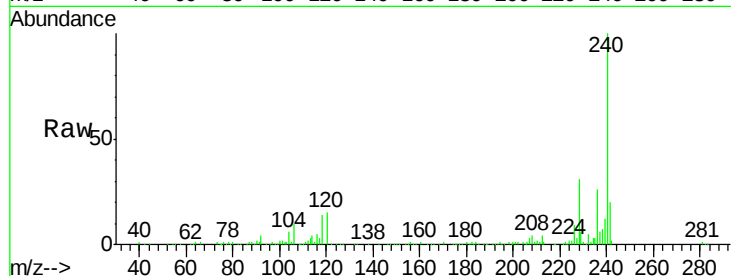




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.89 min Scan# 3243
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

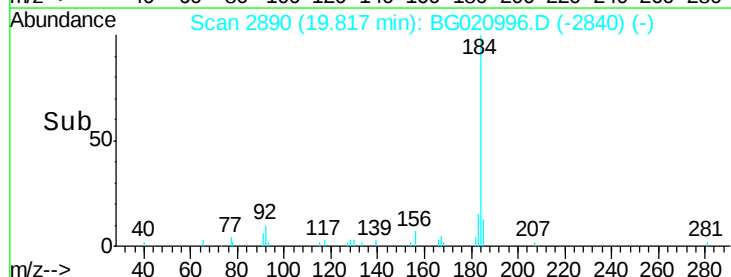
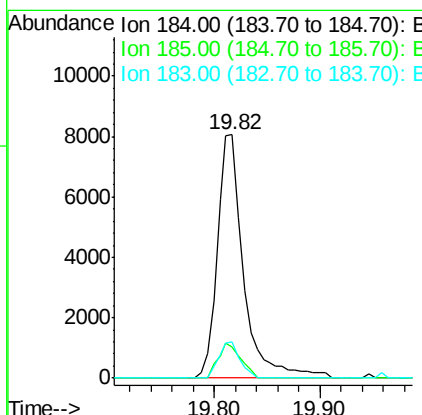
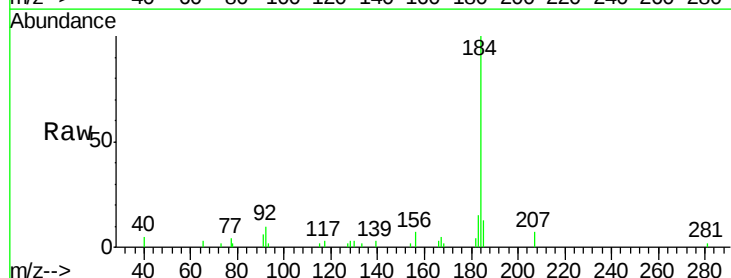
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

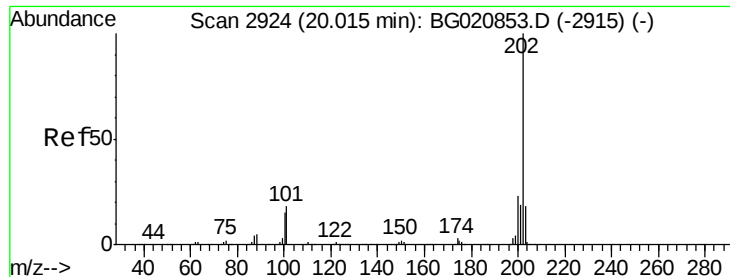
Tgt Ion:240 Resp: 135648
Ion Ratio Lower Upper
240 100
120 14.7 13.0 19.4
236 26.4 21.0 31.4



#76
Benzidine
Concen: 3.19 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.00 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:184 Resp: 13977
Ion Ratio Lower Upper
184 100
185 12.7 12.6 19.0
183 14.6 11.0 16.4

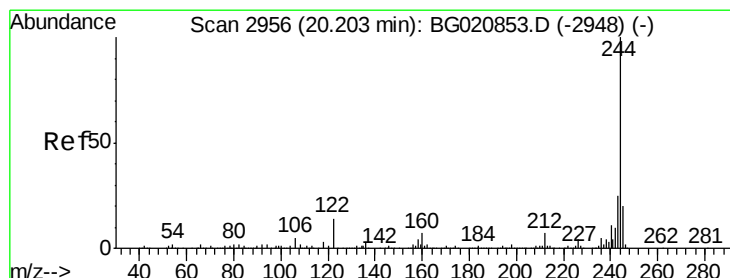
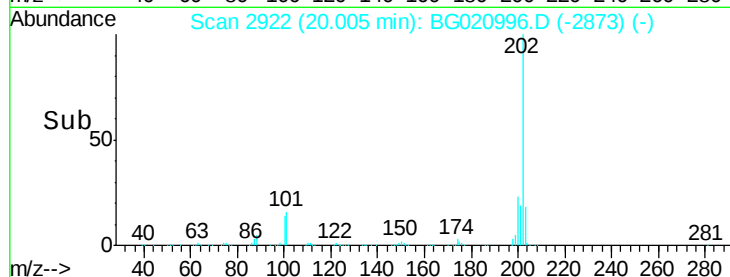
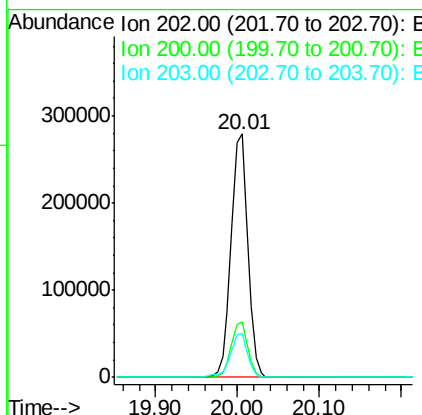
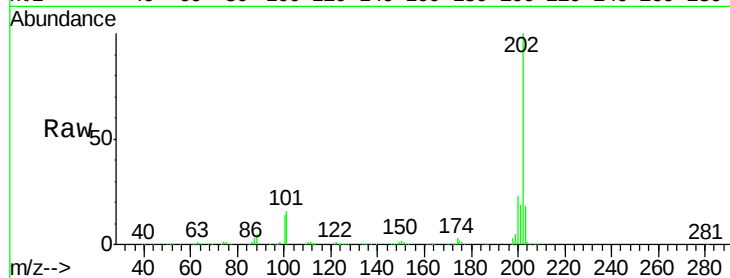




#77
Pyrene
Concen: 44.94 ng
RT: 20.01 min Scan# 2922
Delta R.T. -0.01 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

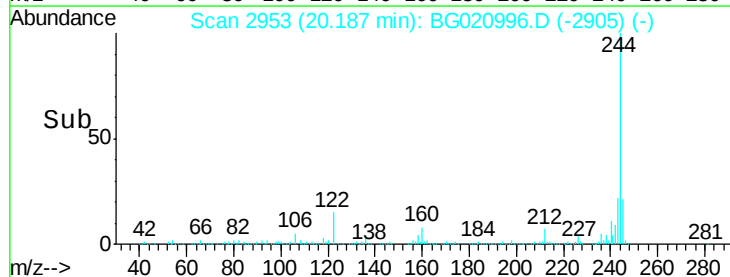
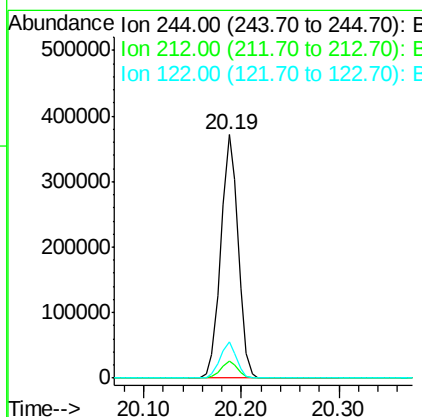
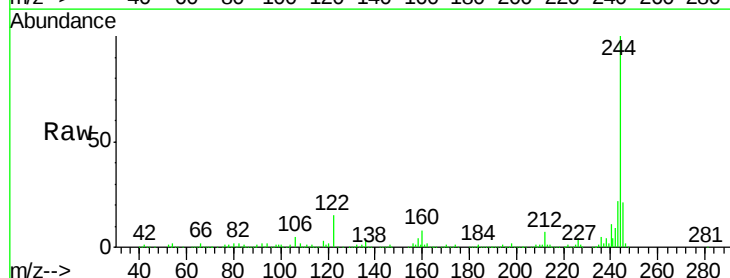
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

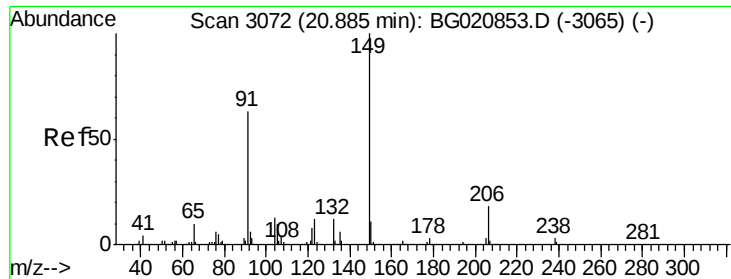
Tgt Ion:202 Resp: 402112
Ion Ratio Lower Upper
202 100
200 22.7 18.5 27.7
203 18.2 14.3 21.5



#78
Terphenyl-d14
Concen: 78.63 ng
RT: 20.19 min Scan# 2953
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:244 Resp: 457186
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 14.9 11.4 17.2

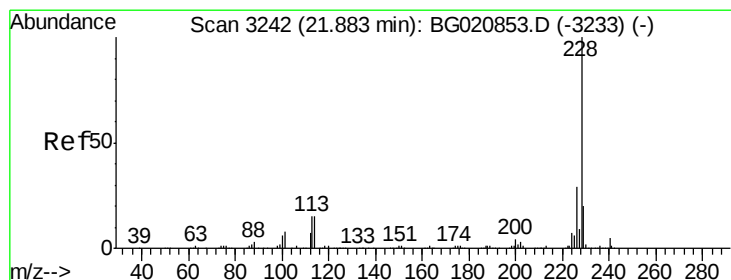
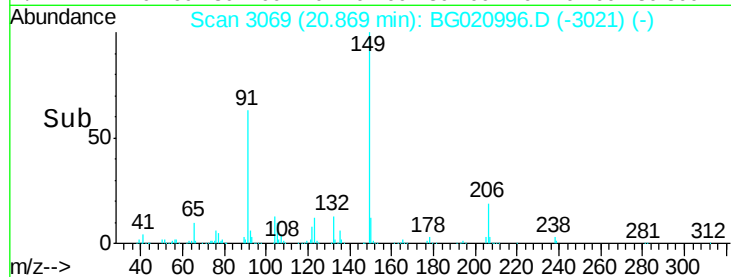
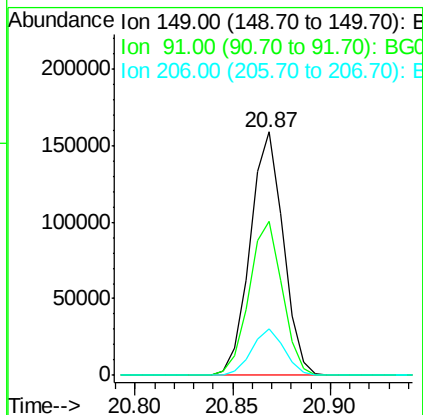
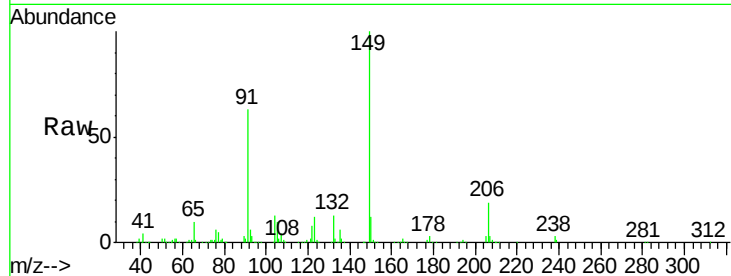




#79
Butylbenzylphthalate
Concen: 43.65 ng
RT: 20.87 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

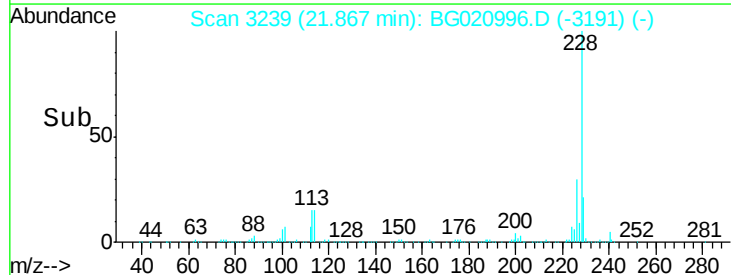
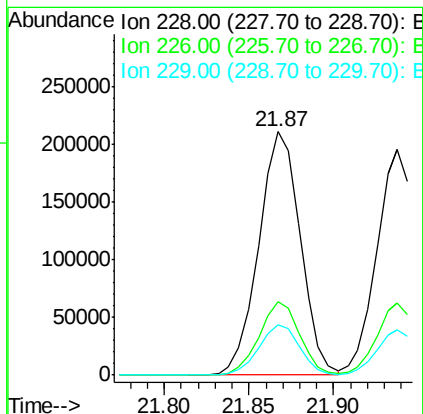
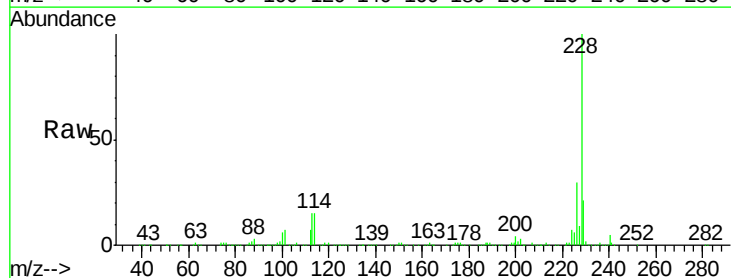
Instrument :
BNA_G
ClientSampleId :
40054(0-2)MSD

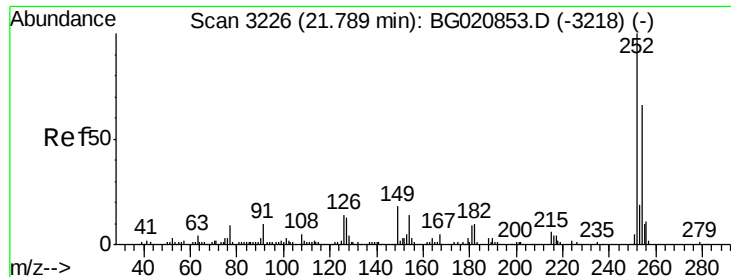
Tgt Ion:149 Resp: 186979
Ion Ratio Lower Upper
149 100
91 63.3 50.6 76.0
206 19.2 14.6 22.0



#80
Benzo(a)anthracene
Concen: 44.24 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.02 min
Lab File: BG020996.D
Acq: 20 Feb 2016 6:44

Tgt Ion:228 Resp: 358239
Ion Ratio Lower Upper
228 100
226 30.0 23.1 34.7
229 20.7 16.2 24.2

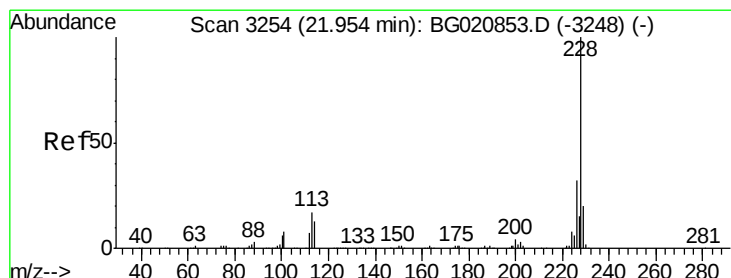
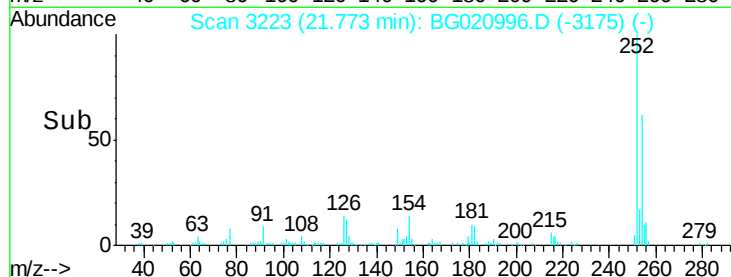
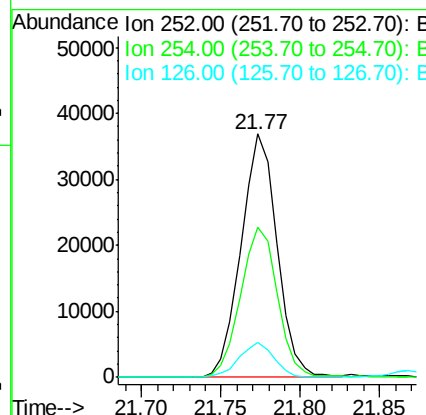
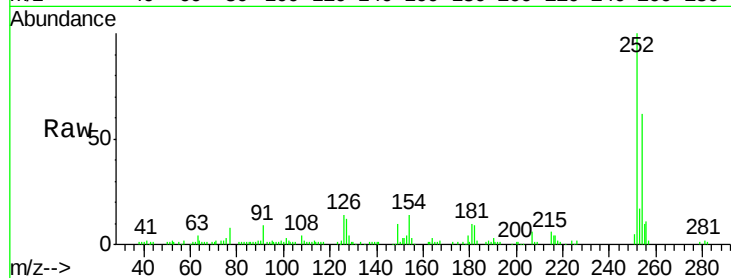




#81
 3,3'-Dichlorobenzidine
 Concen: 19.36 ng
 RT: 21.77 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

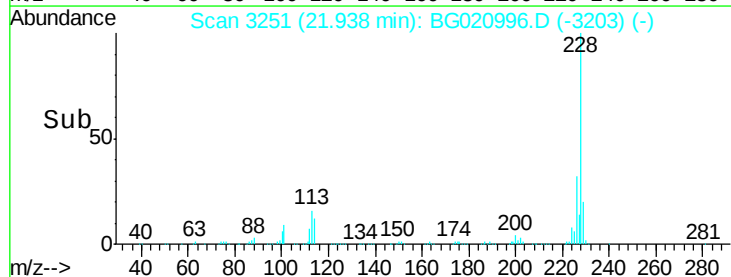
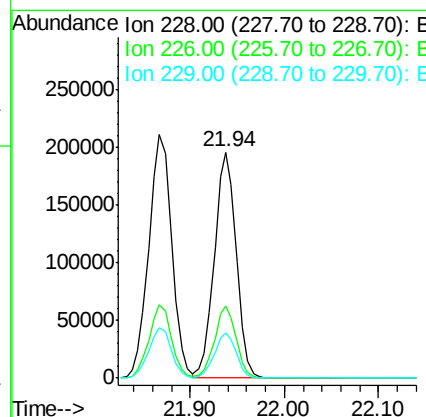
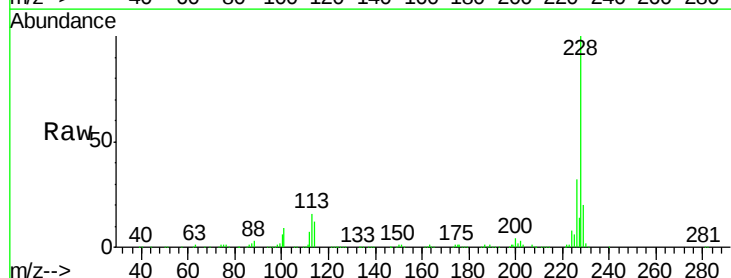
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

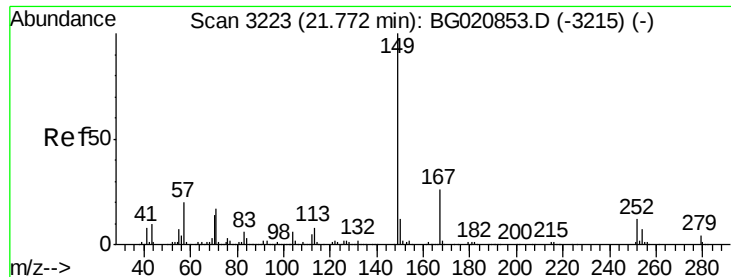
Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.6	52.8	79.2
126	14.2	11.1	16.7



#82
 Chrysene
 Concen: 41.84 ng
 RT: 21.94 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.1	16.2	24.2

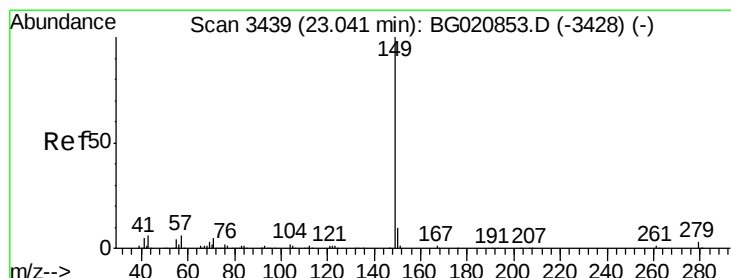
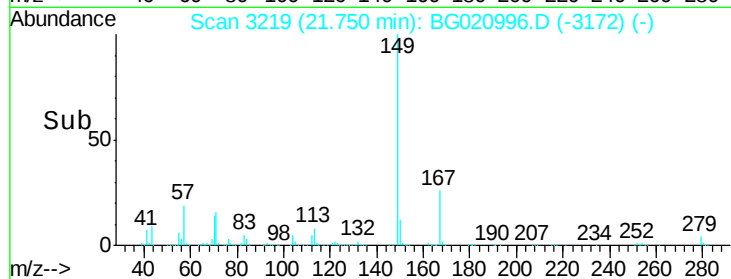
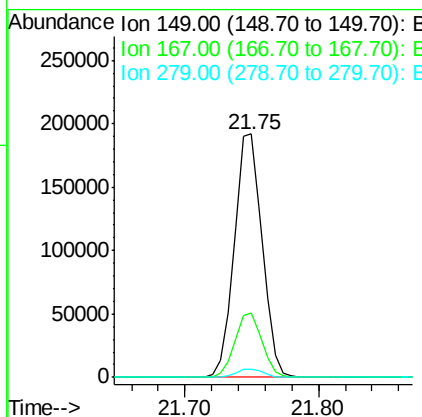
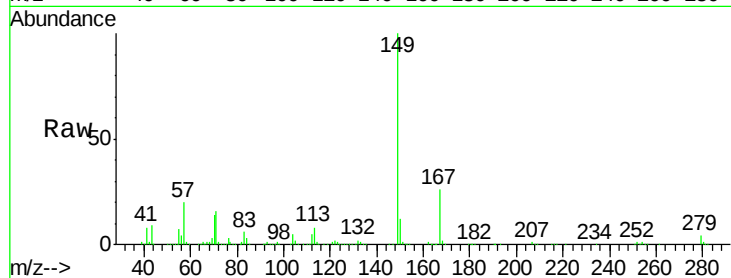




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.75 ng
 RT: 21.75 min Scan# 3219
 Delta R.T. -0.02 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

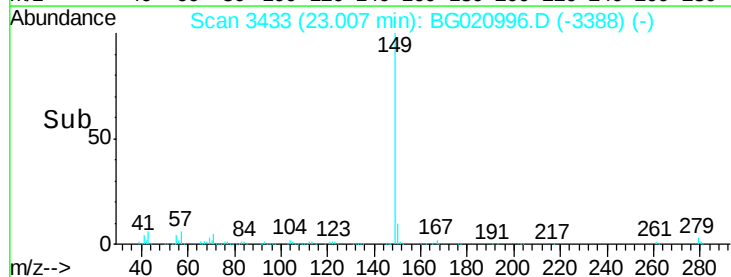
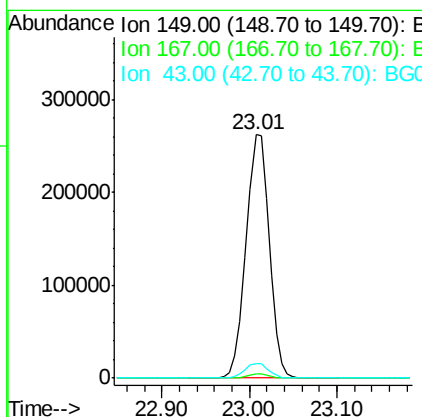
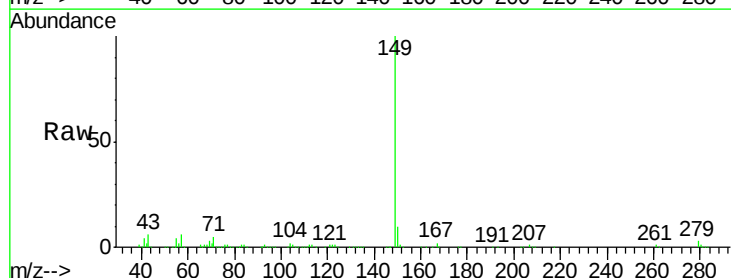
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

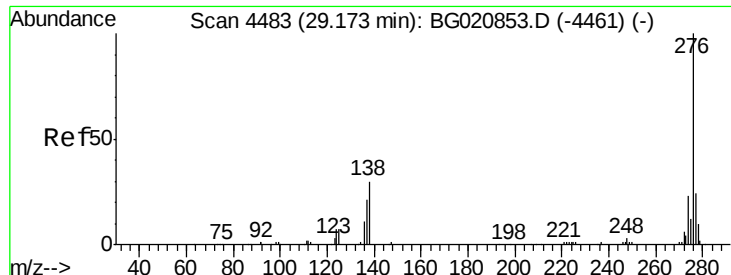
Tgt Ion:149 Resp: 277875
 Ion Ratio Lower Upper
 149 100
 167 26.4 20.9 31.3
 279 3.6 3.0 4.4



#84
 Di-n-octyl phthalate
 Concen: 44.93 ng
 RT: 23.01 min Scan# 3433
 Delta R.T. -0.03 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion:149 Resp: 468435
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 6.2 5.1 7.7

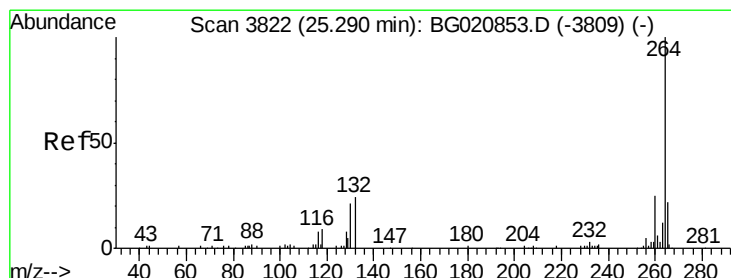
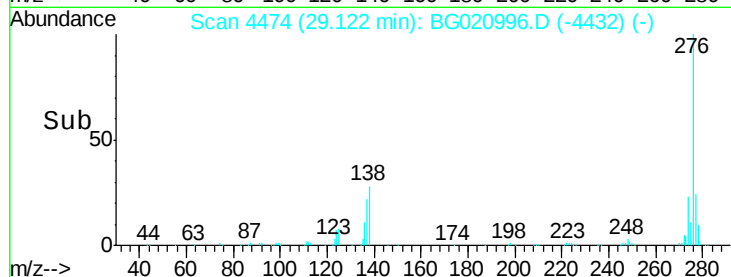
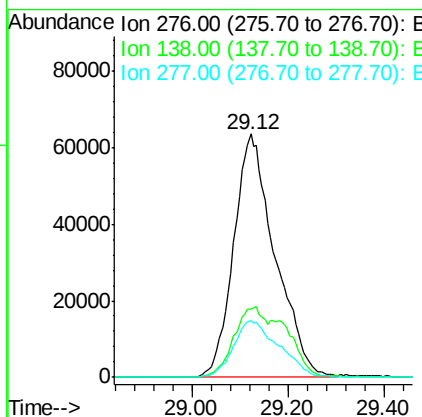
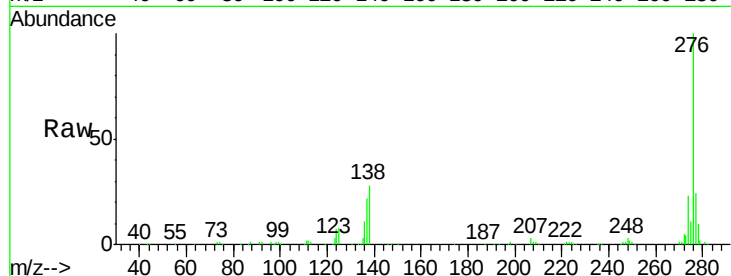




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.38 ng
 RT: 29.12 min Scan# 4474
 Delta R.T. -0.05 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

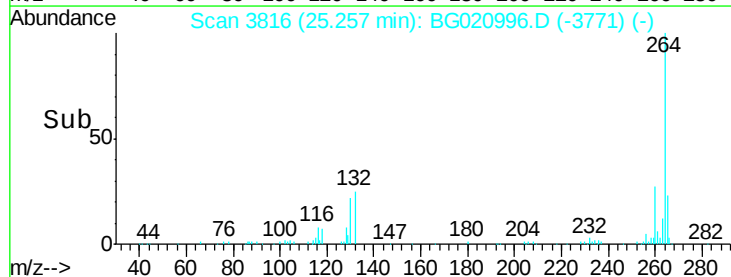
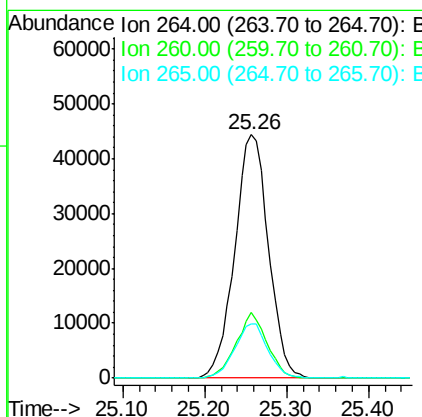
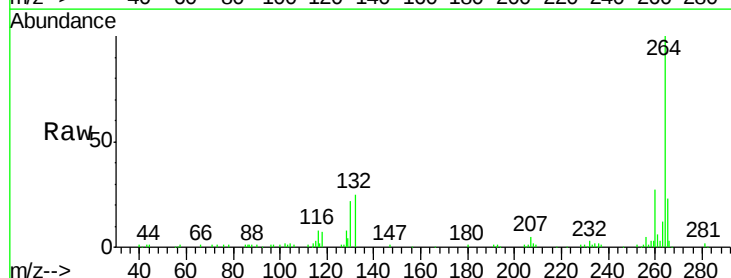
Instrument :
 BNA_G
 ClientSampleId :
 40054(0-2)MSD

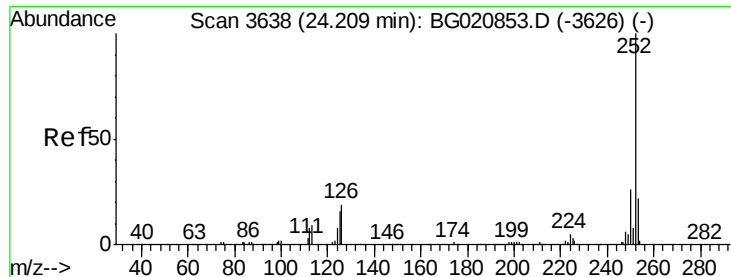
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.8	20.1	30.1
277	25.7	20.5	30.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.26 min Scan# 3816
 Delta R.T. -0.03 min
 Lab File: BG020996.D
 Acq: 20 Feb 2016 6:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	19.9	29.9
265	22.5	18.0	27.0





#87

Benzo(b)fluoranthene

Concen: 44.53 ng

RT: 24.18 min Scan# 3633

Delta R.T. -0.03 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

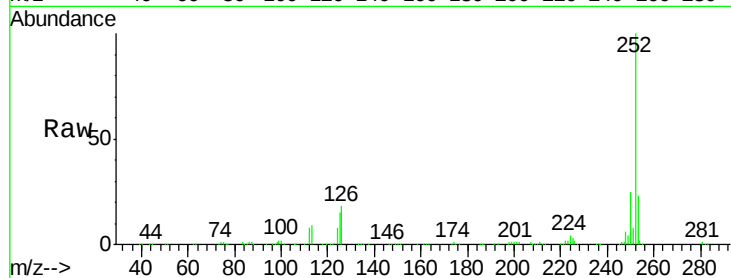
Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

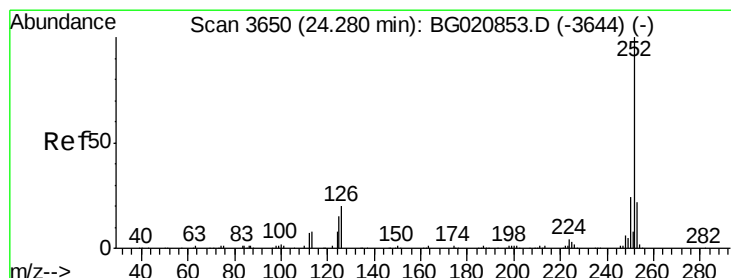
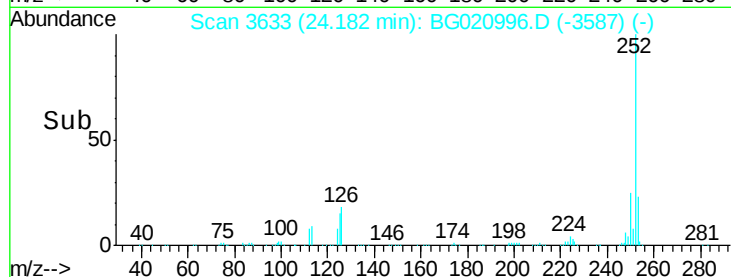
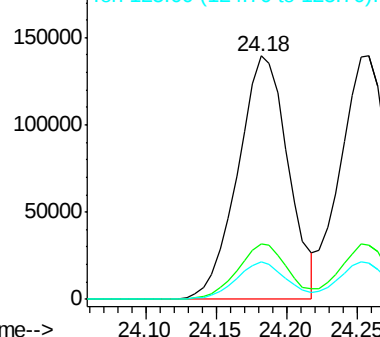
Tgt Ion:	252	Resp:	347385
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.5	26.3
125	15.4	12.5	18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.56 ng

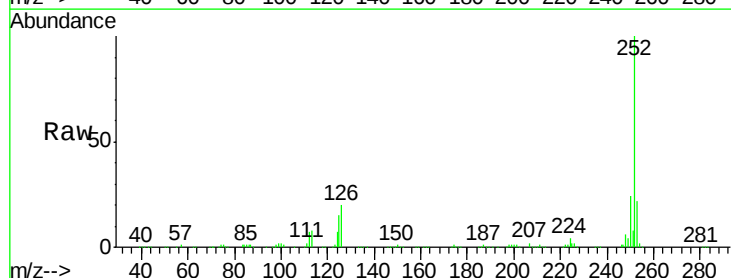
RT: 24.26 min Scan# 3646

Delta R.T. -0.02 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

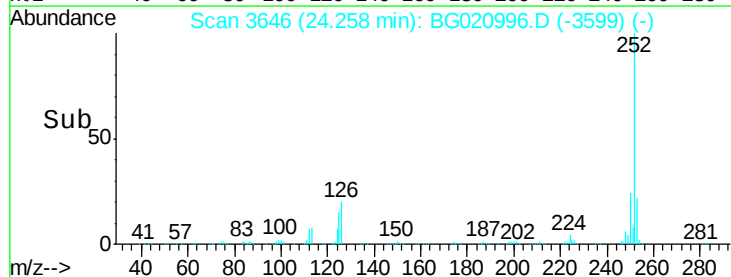
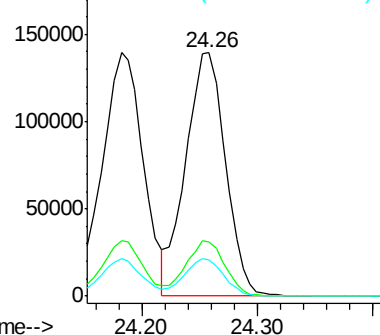
Tgt Ion:	252	Resp:	332935
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.7	26.5
125	15.1	12.2	18.4

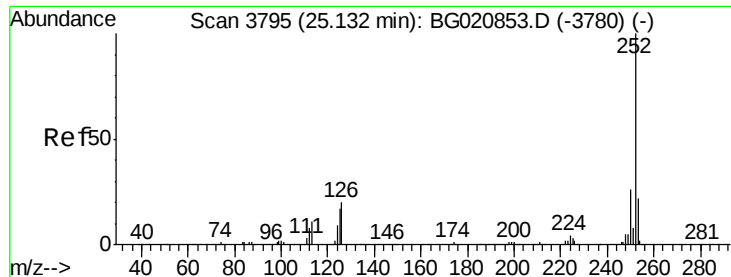


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.19 ng

RT: 25.10 min Scan# 3789

Delta R.T. -0.03 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD

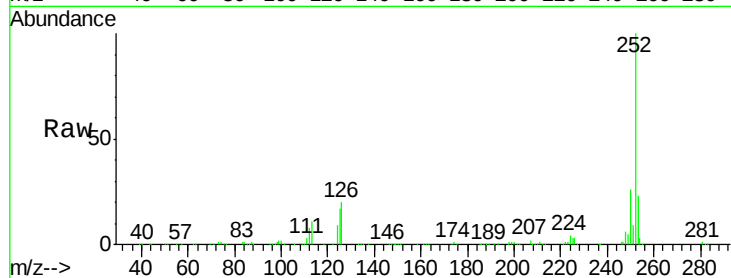
Tgt Ion:252 Resp: 328448

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

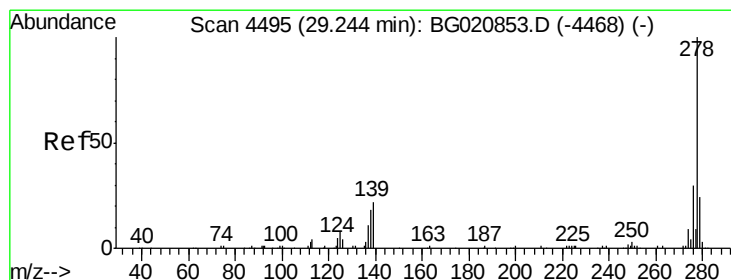
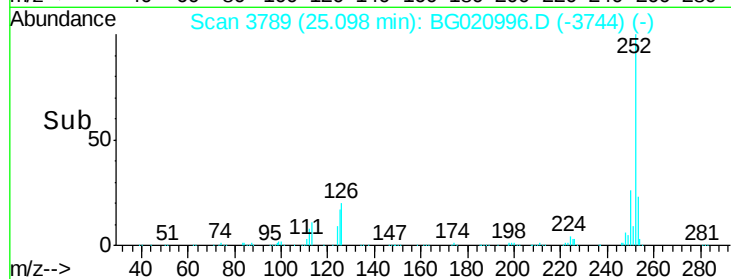
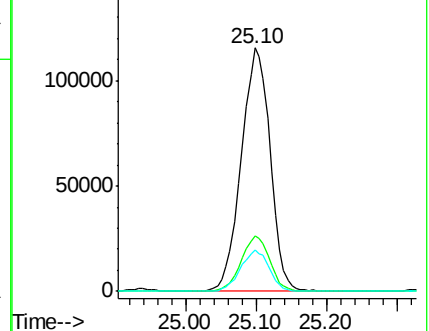
125 17.3 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 43.31 ng

RT: 29.19 min Scan# 4486

Delta R.T. -0.05 min

Lab File: BG020996.D

Acq: 20 Feb 2016 6:44

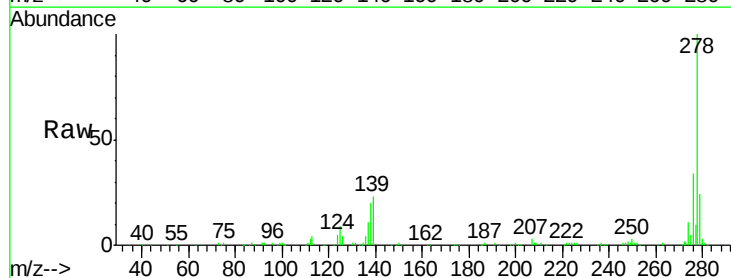
Tgt Ion:278 Resp: 313011

Ion Ratio Lower Upper

278 100

139 22.6 17.3 25.9

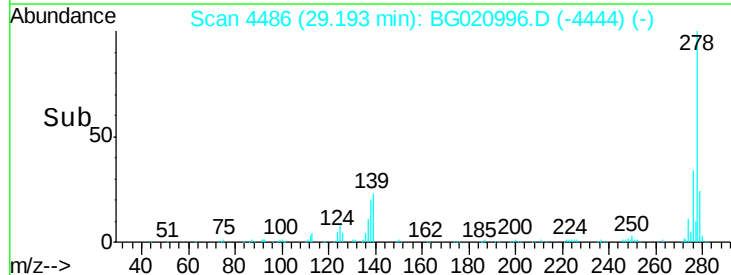
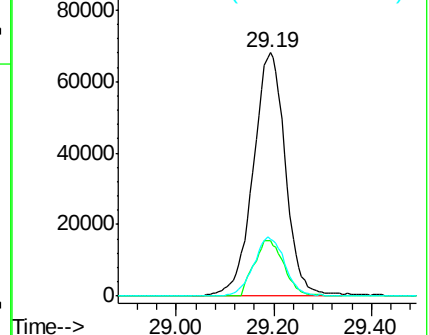
279 23.5 19.1 28.7

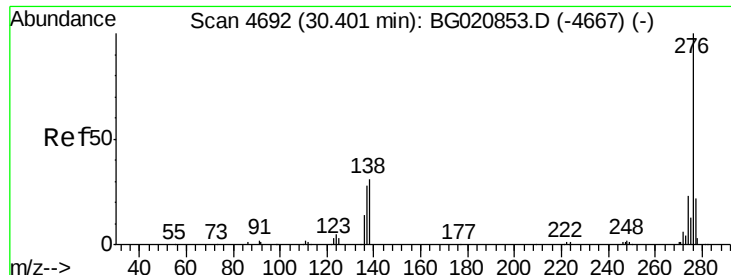


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.14 ng

RT: 30.34 min Scan# 4681

Delta R.T. -0.06 min

Lab File: BG020996.D

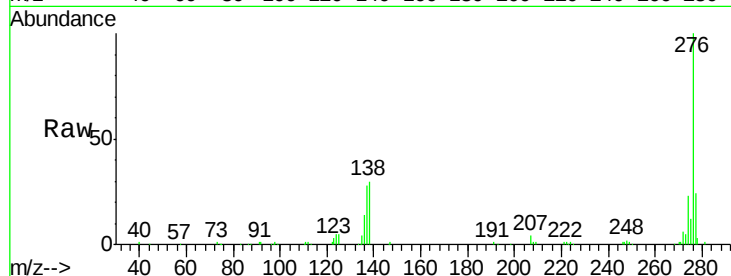
Acq: 20 Feb 2016 6:44

Instrument :

BNA_G

ClientSampleId :

40054(0-2)MSD



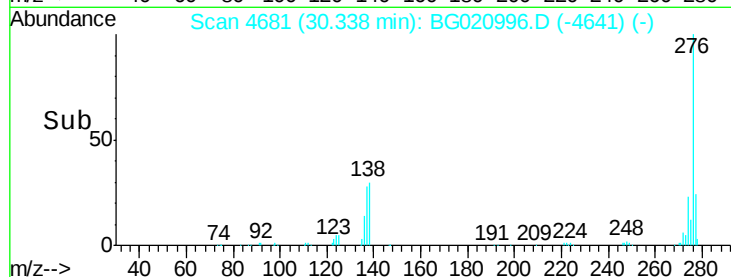
Tgt Ion: 276 Resp: 302336

Ion Ratio Lower Upper

276 100

277 24.1 17.6 26.4

138 29.7 25.2 37.8



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

