

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021140.D
 Acq On : 28 Feb 2016 7:27
 Operator : UM/SJ
 Sample : H1526-03MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Quant Time: Feb 29 00:33:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	7315	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	38990	20.00	ng	-0.02
38) Acenaphthene-d10	14.77	164	25837	20.00	ng	-0.01
63) Phenanthrene-d10	17.51	188	61747	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	64264	20.00	ng	-0.02
86) Perylene-d12	25.05	264	59153	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	67678	161.98	ng	0.00
7) Phenol-d6	7.31	99	113952	183.28	ng	-0.02
23) Nitrobenzene-d5	9.33	82	80689	98.60	ng	-0.02
41) 2,4,6-Tribromophenol	16.25	330	37584	110.95	ng	-0.01
44) 2-Fluorobiphenyl	13.40	172	144040	71.34	ng	-0.01
78) Terphenyl-d14	20.09	244	218786	79.56	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.61	88	6460	33.39	ng	# 89
3) Pyridine	4.01	79	19591	34.62	ng	93
4) n-Nitrosodimethylamine	3.92	42	10427	36.34	ng	# 98
6) Aniline	7.49	93	13084	17.01	ng	# 86
8) 2-Chlorophenol	7.73	128	23722	45.52	ng	86
9) Benzaldehyde	7.30	77	4763	14.14	ng	82
10) Phenol	7.34	94	35911	56.38	ng	84
11) bis(2-Chloroethyl)ether	7.58	93	22240	45.55	ng	91
12) 1,3-Dichlorobenzene	8.06	146	20446	36.86	ng	# 90
13) 1,4-Dichlorobenzene	8.20	146	21617	36.49	ng	98
14) 1,2-Dichlorobenzene	8.52	146	21050	37.52	ng	95
15) Benzyl Alcohol	8.40	79	28754	52.94	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.69	45	34672	61.94	ng	92
17) 2-Methylphenol	8.60	107	23078	51.33	ng	# 92
18) Hexachloroethane	9.25	117	9025	40.27	ng	96
19) n-Nitroso-di-n-propylamine	8.97	70	24551	51.19	ng	96
20) 3+4-Methylphenols	8.92	107	33536	53.80	ng	94
22) Acetophenone	8.98	105	38868	36.12	ng	# 95
24) Nitrobenzene	9.37	77	35326	41.79	ng	91
25) Isophorone	9.89	82	67572	44.06	ng	94
26) 2-Nitrophenol	10.08	139	13256	37.09	ng	# 68
27) 2,4-Dimethylphenol	10.13	122	26329	41.76	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	33936	45.40	ng	94
29) 2,4-Dichlorophenol	10.61	162	24781	40.15	ng	95
30) 1,2,4-Trichlorobenzene	10.83	180	21963	31.40	ng	92
31) Naphthalene	11.02	128	75061	37.48	ng	96
32) Benzoic acid	10.19	122	4800	8.29	ng	# 82
33) 4-Chloroaniline	11.13	127	6677	7.98	ng	# 91
34) Hexachlorobutadiene	11.30	225	13607	29.07	ng	96
35) Caprolactam	11.89	113	6890	33.04	ng	92
36) 4-Chloro-3-methylphenol	12.23	107	34754	45.93	ng	# 83
37) 2-Methylnaphthalene	12.61	142	56946	40.49	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	28580	29.93	ng	# 97
40) Hexachlorocyclopentadiene	12.96	237	32052	51.05	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
 Data File : BG021140.D
 Acq On : 28 Feb 2016 7:27
 Operator : UM/SJ
 Sample : H1526-03MSD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Quant Time: Feb 29 00:33:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 26 16:39:44 2016
 Response via : Initial Calibration

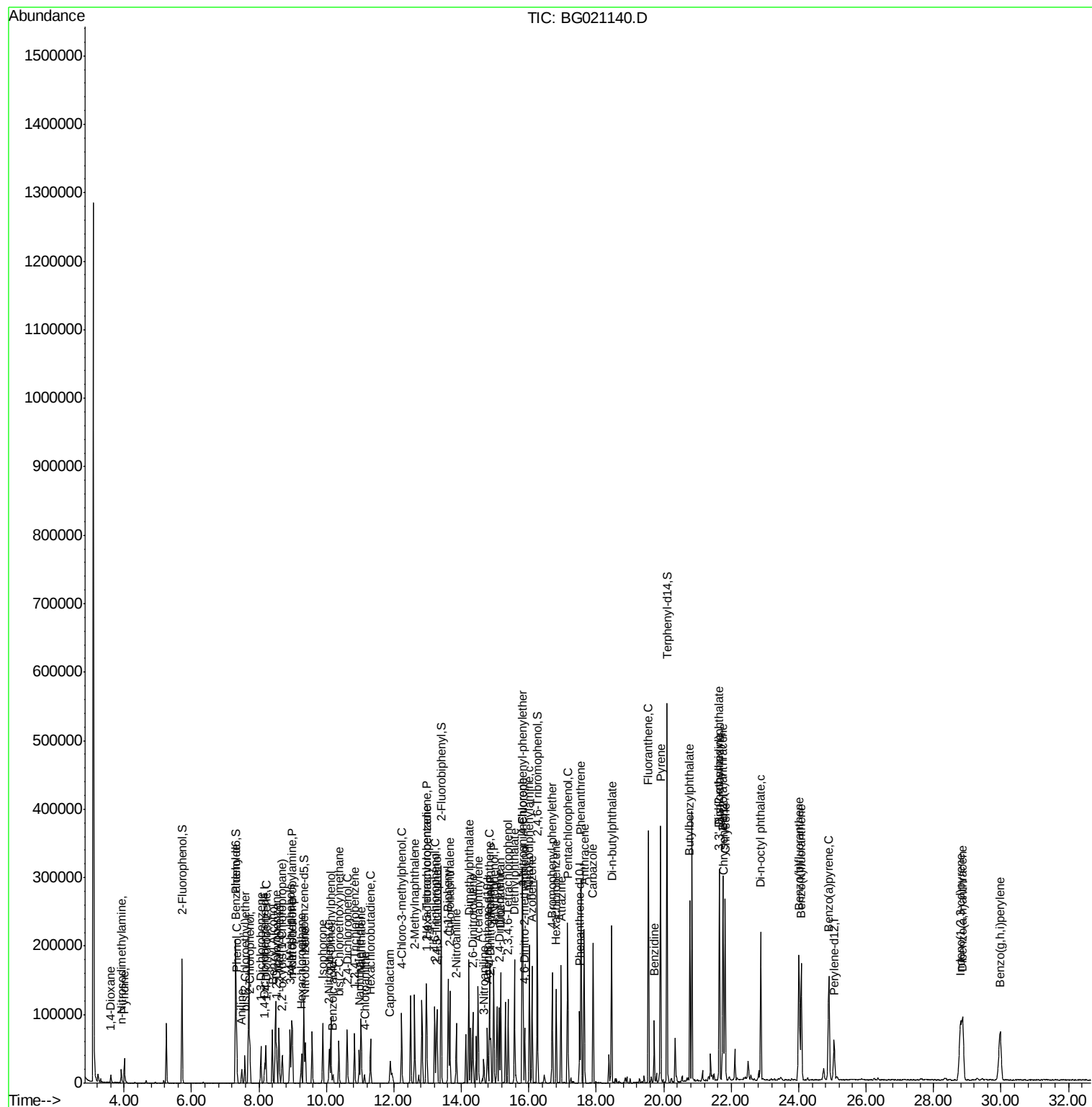
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	22469	37.53	ng	93
43) 2,4,5-Trichlorophenol	13.28	196	24609	40.00	ng	91
45) 1,1'-Biphenyl	13.61	154	75227	34.58	ng	98
46) 2-Chloronaphthalene	13.65	162	59009	35.74	ng	96
47) 2-Nitroaniline	13.85	65	27573	51.55	ng	# 77
48) Acenaphthylene	14.50	152	98085	37.55	ng	99
49) Dimethylphthalate	14.22	163	107022	48.06	ng	# 98
50) 2,6-Dinitrotoluene	14.34	165	18273	39.89	ng	# 64
51) Acenaphthene	14.84	154	69875	39.22	ng	98
52) 3-Nitroaniline	14.67	138	7253	16.27	ng	# 79
53) 2,4-Dinitrophenol	14.87	184	16438	51.46	ng	90
54) Dibenzofuran	15.16	168	93286	41.33	ng	92
55) 4-Nitrophenol	14.97	139	34339	86.85	ng	# 58
56) 2,4-Dinitrotoluene	15.12	165	26685	40.62	ng	# 81
57) Fluorene	15.81	166	80860	36.83	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	21331	39.89	ng	# 94
59) Diethylphthalate	15.58	149	90192	38.43	ng	99
60) 4-Chlorophenyl-phenylether	15.80	204	39130	32.40	ng	93
61) 4-Nitroaniline	15.83	138	20013	39.43	ng	# 60
62) Azobenzene	16.09	77	105703	51.99	ng	94
64) 4,6-Dinitro-2-methylphenol	15.88	198	15406	34.02	ng	90
65) n-Nitrosodiphenylamine	16.02	169	72174	39.62	ng	95
66) 4-Bromophenyl-phenylether	16.69	248	23658	32.54	ng	# 88
67) Hexachlorobenzene	16.81	284	24664	32.16	ng	# 86
68) Atrazine	16.95	200	27356	40.53	ng	98
69) Pentachlorophenol	17.15	266	32492	62.76	ng	91
70) Phenanthrene	17.55	178	162661	48.96	ng	99
71) Anthracene	17.64	178	131423	39.28	ng	98
72) Carbazole	17.90	167	121555	42.08	ng	97
73) Di-n-butylphthalate	18.46	149	157123	41.26	ng	# 97
74) Fluoranthene	19.54	202	216834	52.03	ng	99
76) Benzidine	19.72	184	45737	27.05	ng	100
77) Pyrene	19.91	202	212252	59.65	ng	98
79) Butylbenzylphthalate	20.78	149	71296	48.01	ng	89
80) Benzo(a)anthracene	21.75	228	175909	47.57	ng	98
81) 3,3'-Dichlorobenzidine	21.66	252	16207	11.20	ng	94
82) Chrysene	21.82	228	160762	45.15	ng	99
83) Bis(2-ethylhexyl)phthalate	21.65	149	106177	46.30	ng	98
84) Di-n-octyl phthalate	22.88	149	178723	46.50	ng	99
85) Indeno(1,2,3-cd)pyrene	28.80	276	169515	39.48	ng	# 100
87) Benzo(b)fluoranthene	24.01	252	177541	48.02	ng	99
88) Benzo(k)fluoranthene	24.08	252	155533	42.67	ng	97
89) Benzo(a)pyrene	24.89	252	158608	44.69	ng	95
90) Dibenzo(a,h)anthracene	28.86	278	134959	37.72	ng	98
91) Benzo(g,h,i)perylene	29.98	276	139861	40.58	ng	96

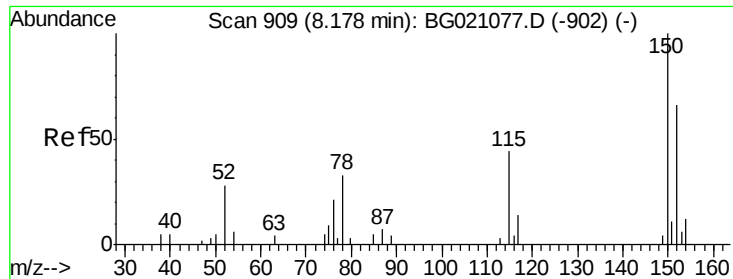
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021140.D
Acq On : 28 Feb 2016 7:27
Operator : UM/SJ
Sample : H1526-03MSD
Misc :
ALS Vial : 57 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Quant Time: Feb 29 00:33:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 16:39:44 2016
Response via : Initial Calibration



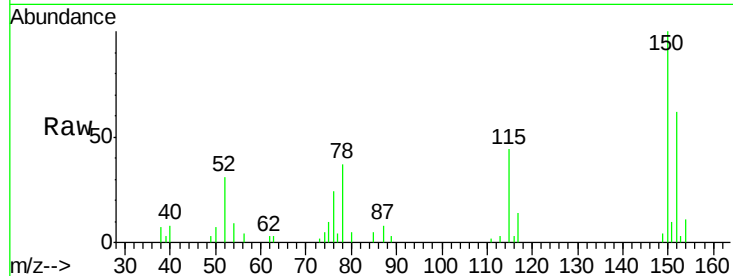


#1

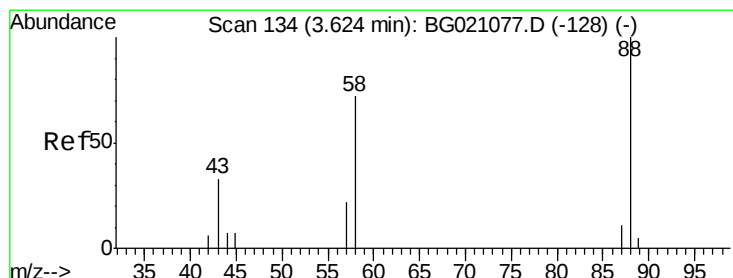
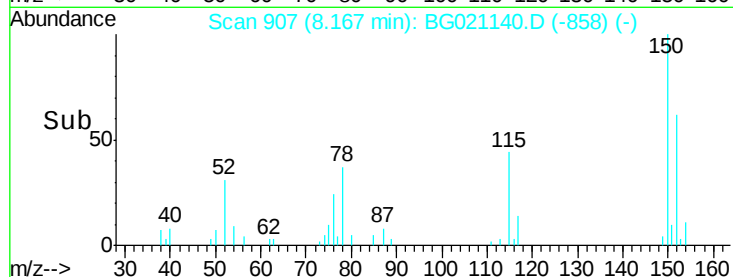
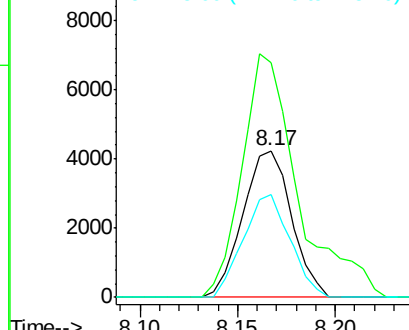
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion:152 Resp: 7315
Ion Ratio Lower Upper
152 100
150 160.4 123.4 185.2
115 69.8 43.3 64.9#



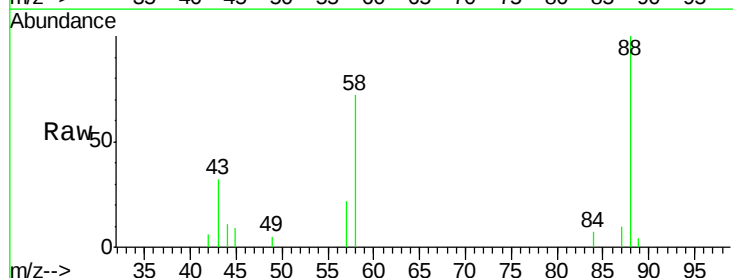
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



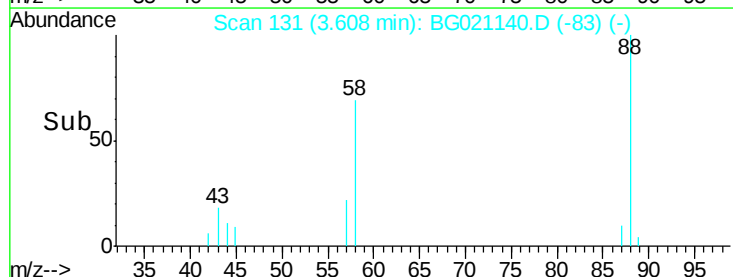
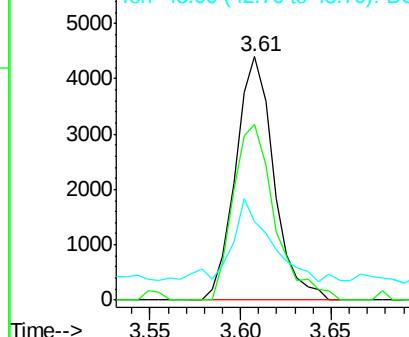
#2

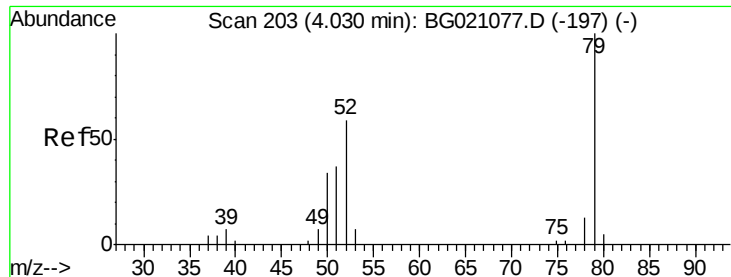
1,4-Dioxane
Concen: 33.39 ng
RT: 3.61 min Scan# 131
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion: 88 Resp: 6460
Ion Ratio Lower Upper
88 100
58 78.6 55.9 83.9
43 34.3 22.5 33.7#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 34.62 ng

RT: 4.01 min Scan# 199

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

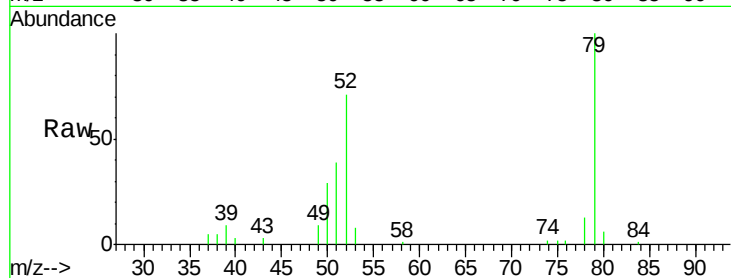
Tgt Ion: 79 Resp: 19591

Ion Ratio Lower Upper

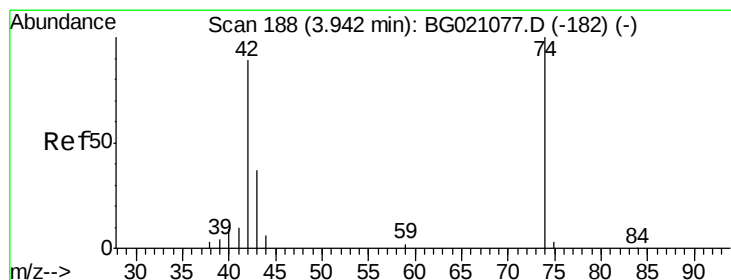
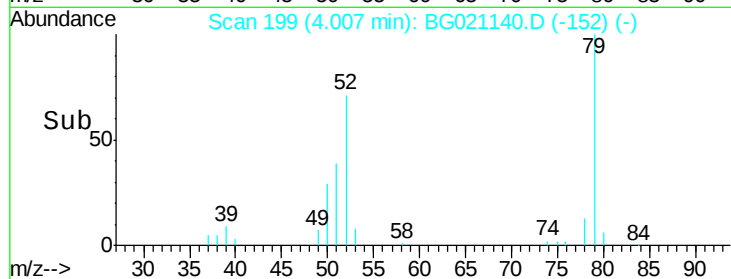
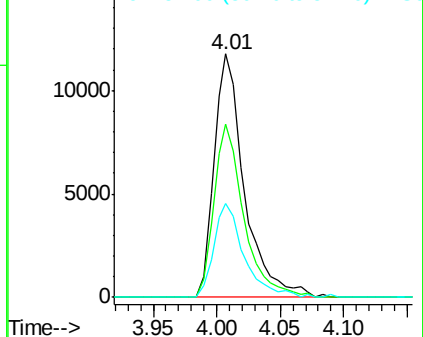
79 100

52 71.0 53.2 79.8

51 38.6 26.1 39.1



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



#4

n-Nitrosodimethylamine

Concen: 36.34 ng

RT: 3.92 min Scan# 184

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

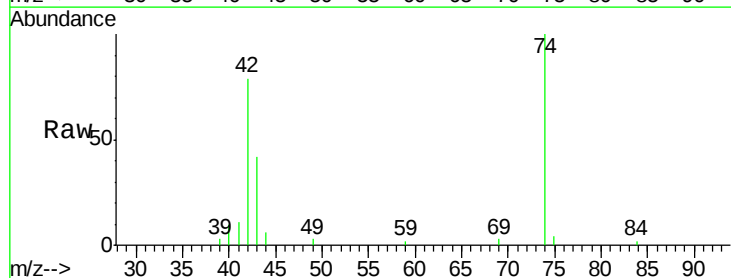
Tgt Ion: 42 Resp: 10427

Ion Ratio Lower Upper

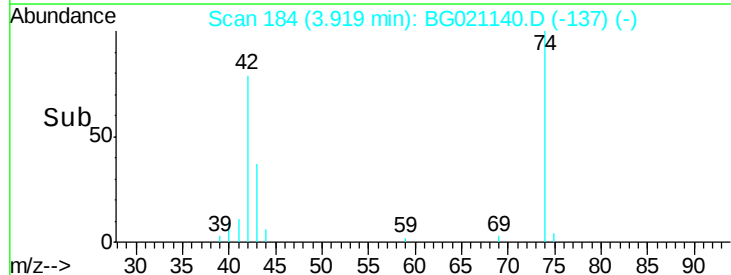
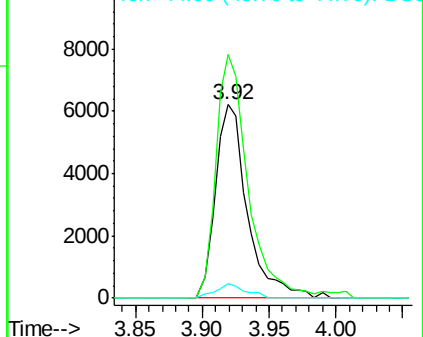
42 100

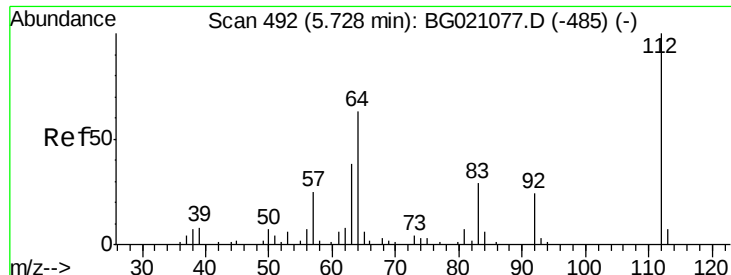
74 125.8 102.3 153.5

44 7.2 4.8 7.2#



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





#5

2-Fluorophenol

Concen: 161.98 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

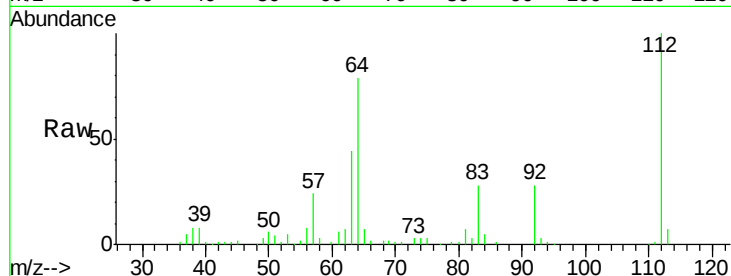
Tgt Ion: 112 Resp: 67678

Ion Ratio Lower Upper

112 100

64 78.5 42.6 63.8#

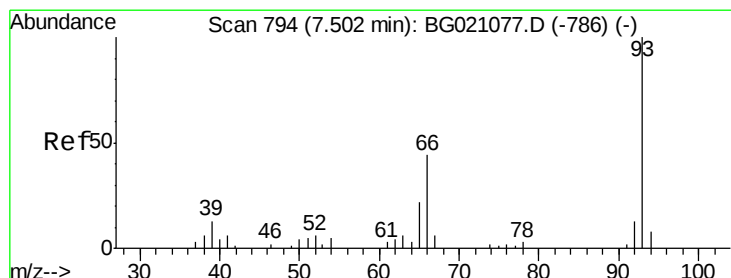
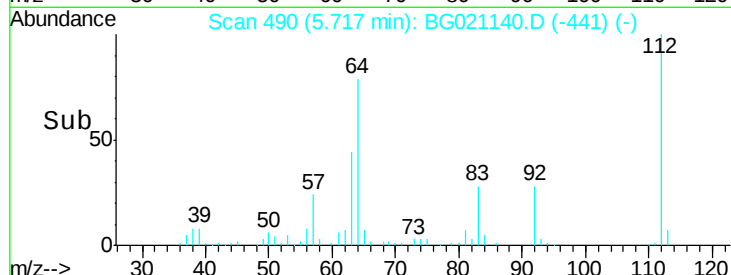
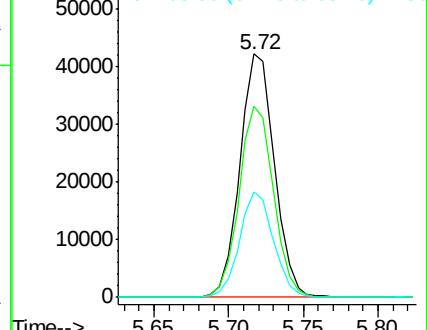
63 43.5 21.7 32.5#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 17.01 ng

RT: 7.49 min Scan# 792

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

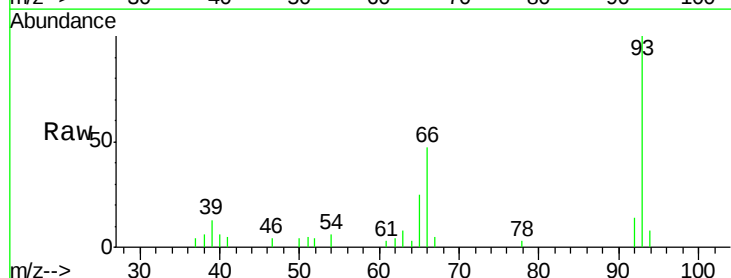
Tgt Ion: 93 Resp: 13084

Ion Ratio Lower Upper

93 100

66 47.5 30.1 45.1#

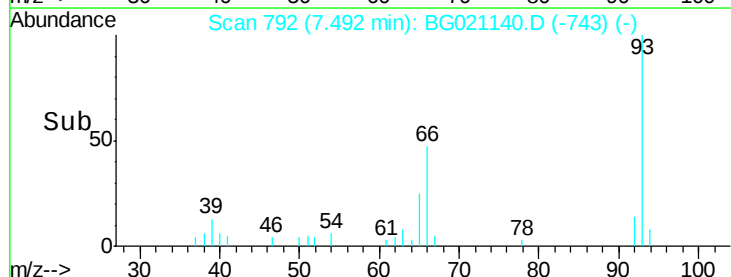
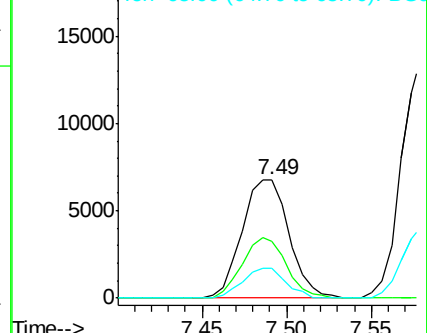
65 24.8 16.6 24.8

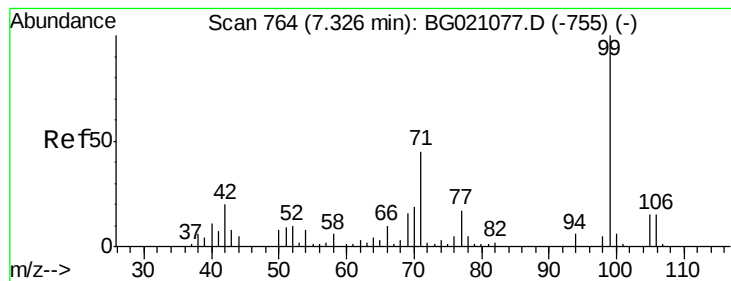


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 183.28 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

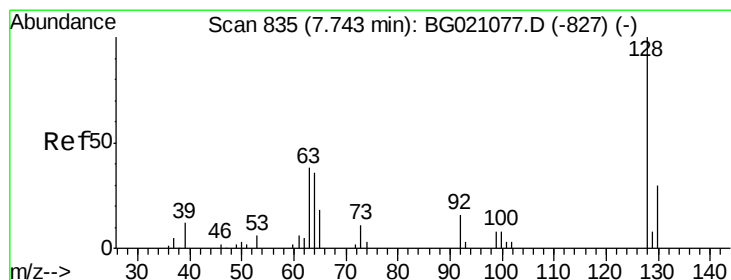
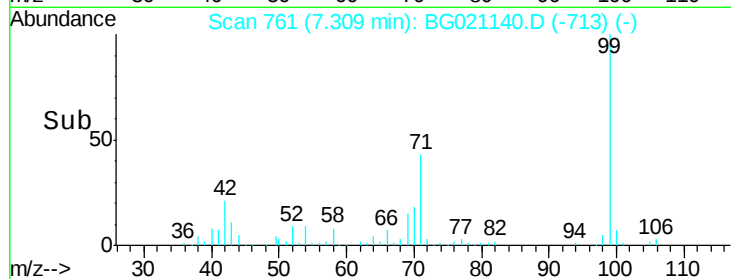
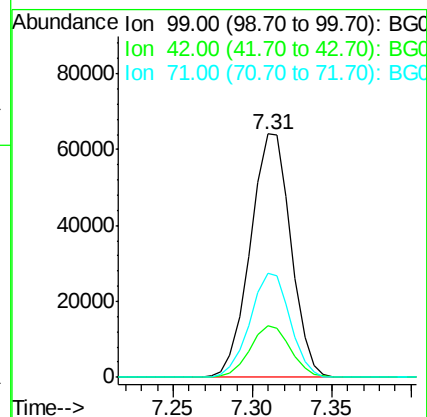
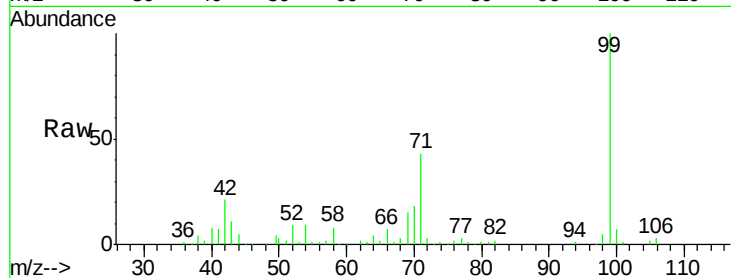
Tgt Ion: 99 Resp: 113952

Ion Ratio Lower Upper

99 100

42 21.4 13.2 19.8#

71 42.8 25.2 37.8#



#8

2-Chlorophenol

Concen: 45.52 ng

RT: 7.73 min Scan# 832

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

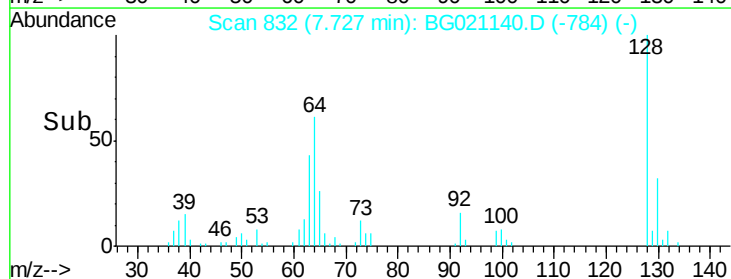
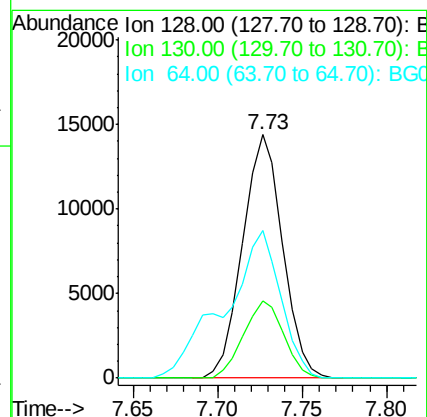
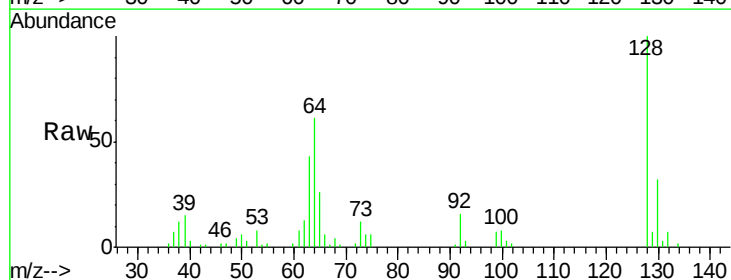
Tgt Ion: 128 Resp: 23722

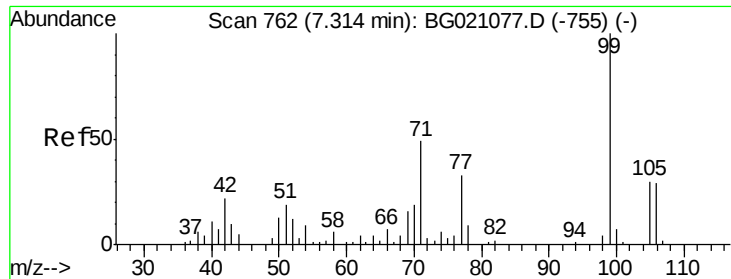
Ion Ratio Lower Upper

128 100

130 32.0 11.9 51.9

64 60.9 25.8 65.8





#9

Benzaldehyde

Concen: 14.14 ng

RT: 7.30 min Scan# 759

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

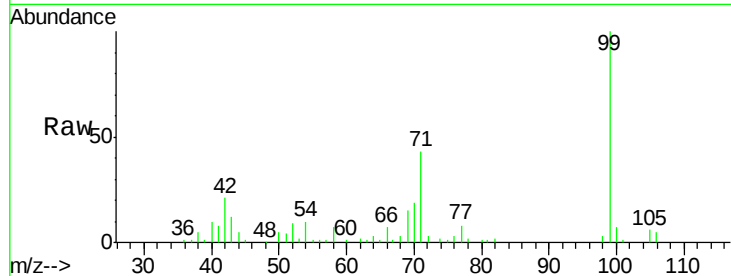
Tgt Ion: 77 Resp: 4763

Ion Ratio Lower Upper

77 100

105 81.5 77.4 117.4

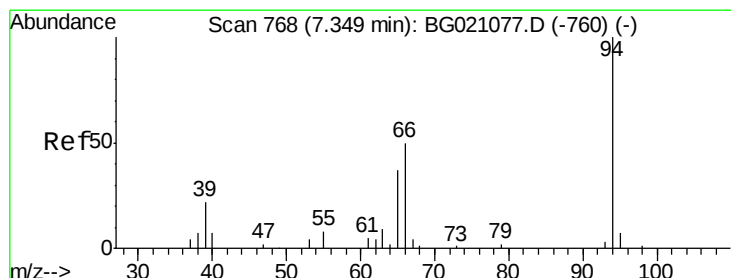
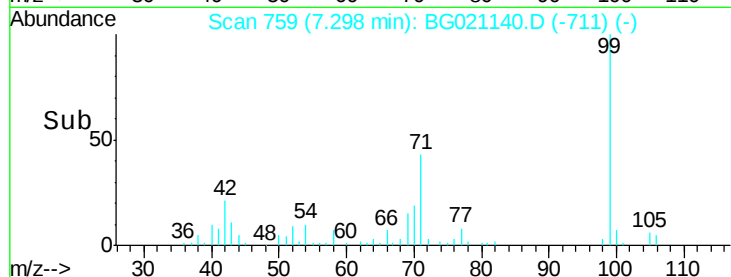
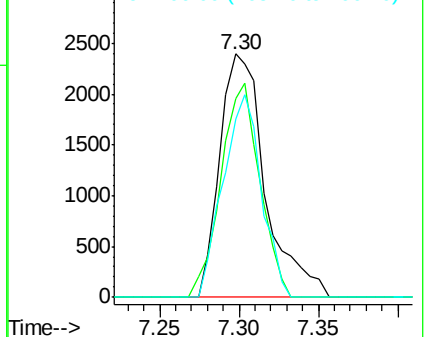
106 73.1 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 56.38 ng

RT: 7.34 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

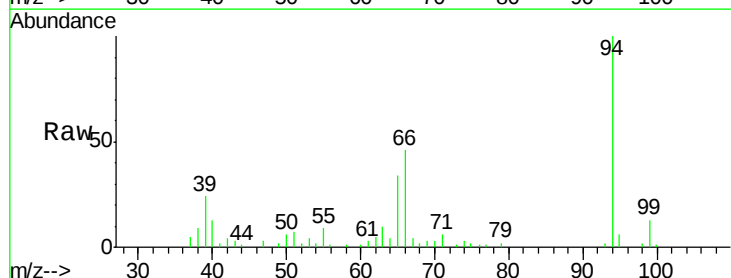
Tgt Ion: 94 Resp: 35911

Ion Ratio Lower Upper

94 100

65 33.6 7.2 47.2

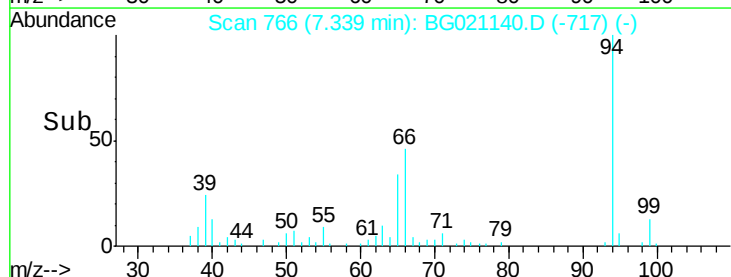
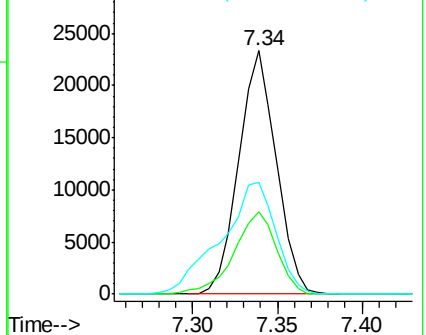
66 46.0 15.4 55.4

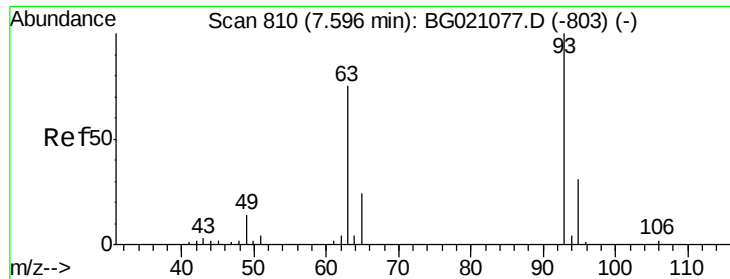


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

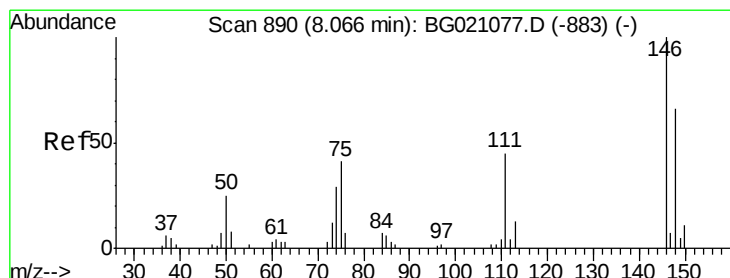
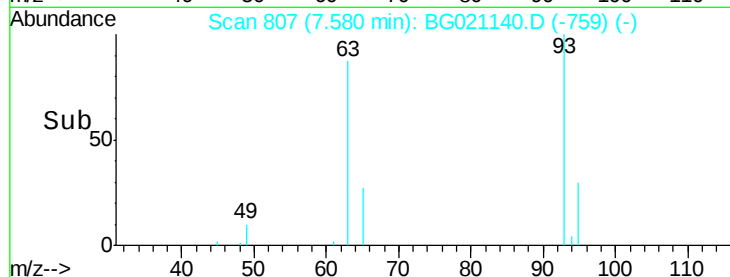
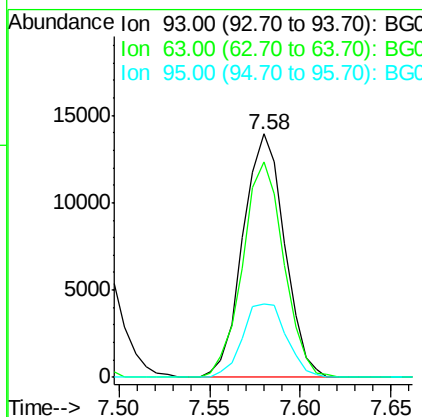
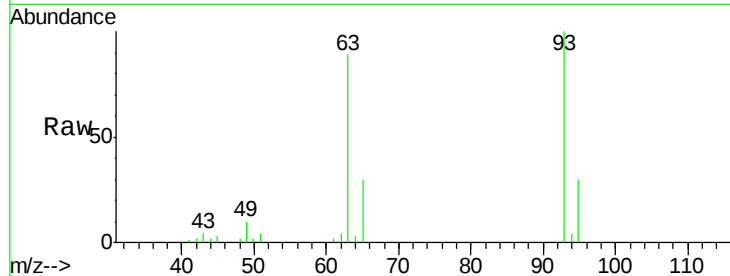




#11
bis(2-Chloroethyl)ether
Concen: 45.55 ng
RT: 7.58 min Scan# 807
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

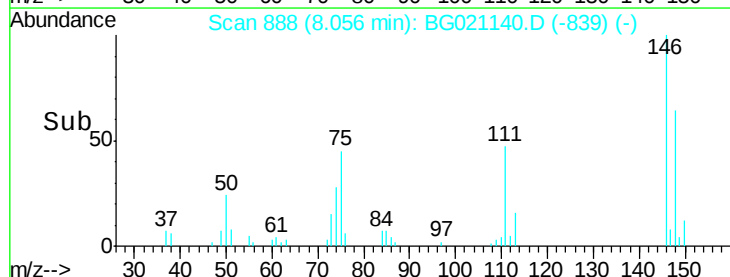
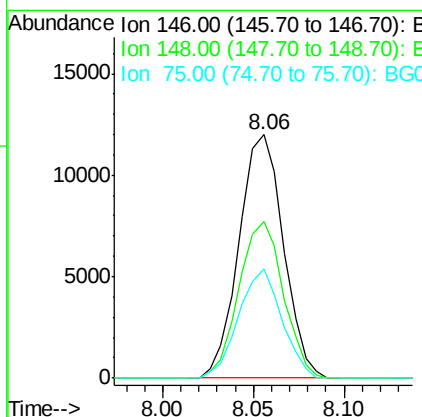
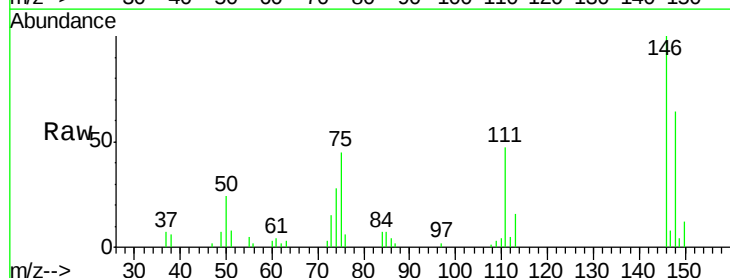
Instrument :
BNA_G
ClientSampleId :
P-02MSD

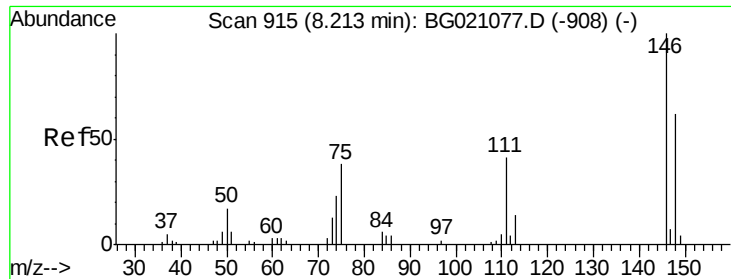
Tgt Ion: 93 Resp: 22240
Ion Ratio Lower Upper
93 100
63 88.6 60.5 100.5
95 30.3 14.6 54.6



#12
1,3-Dichlorobenzene
Concen: 36.86 ng
RT: 8.06 min Scan# 888
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion: 146 Resp: 20446
Ion Ratio Lower Upper
146 100
148 64.2 52.6 78.8
75 44.6 24.0 36.0#

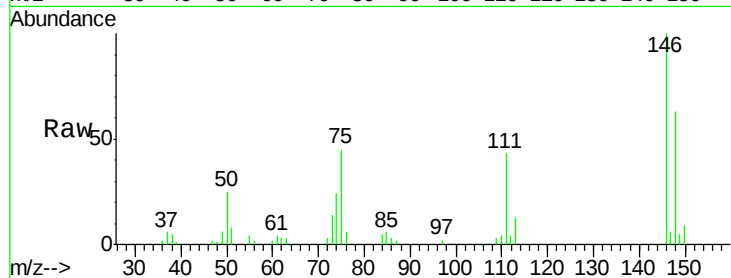




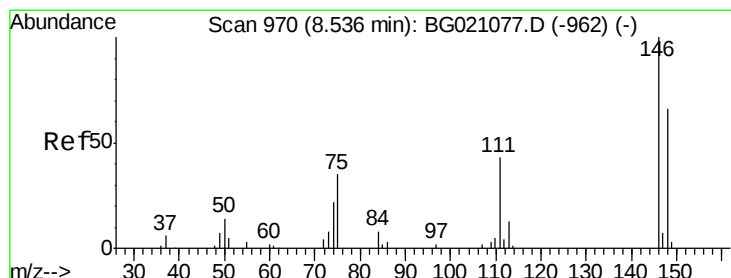
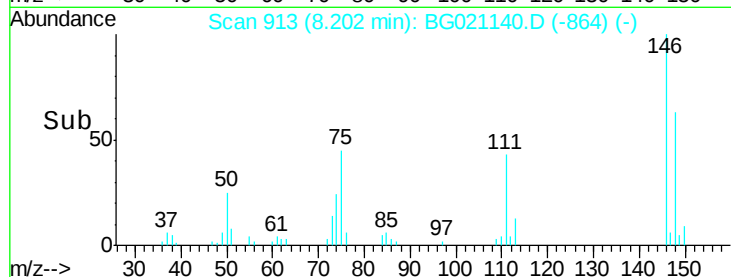
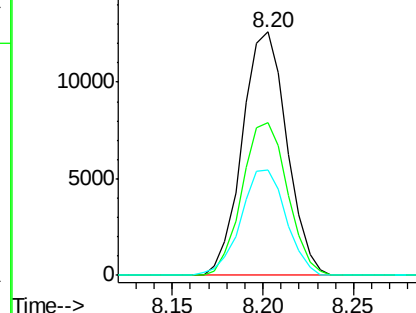
#13
 1,4-Dichlorobenzene
 Concen: 36.49 ng
 RT: 8.20 min Scan# 913
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion:146 Resp: 21617
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 111 43.4 31.9 47.9

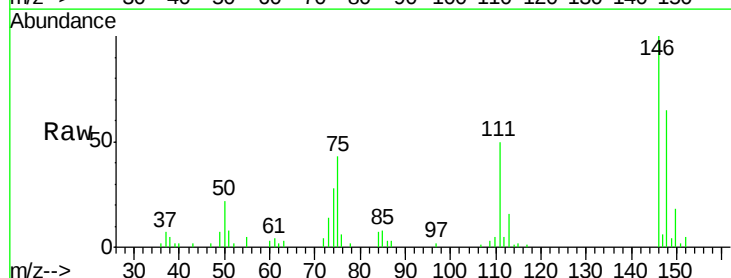


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

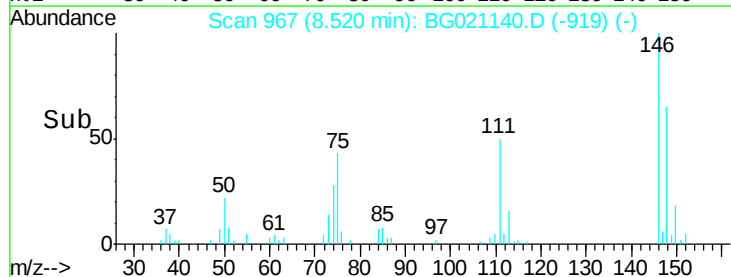
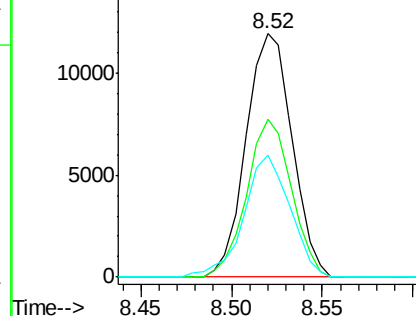


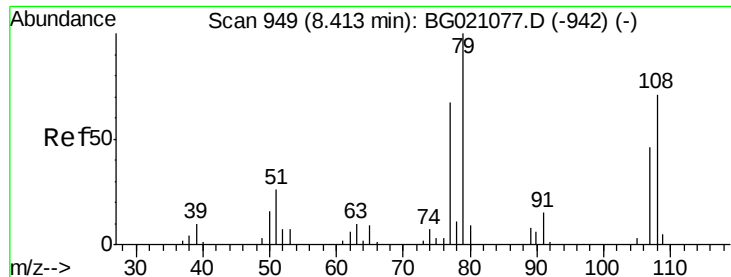
#14
 1,2-Dichlorobenzene
 Concen: 37.52 ng
 RT: 8.52 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:146 Resp: 21050
 Ion Ratio Lower Upper
 146 100
 148 64.9 50.5 75.7
 111 49.9 35.4 53.2



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





#15

Benzyl Alcohol

Concen: 52.94 ng

RT: 8.40 min Scan# 946

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampled :

P-02MSD

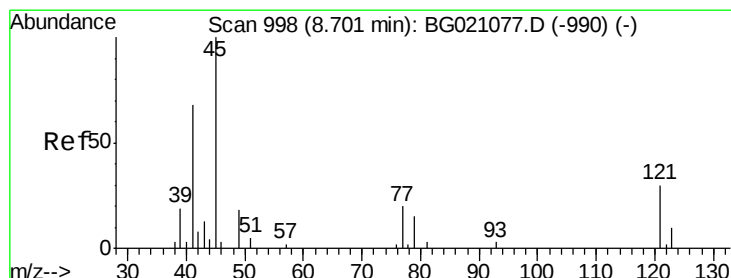
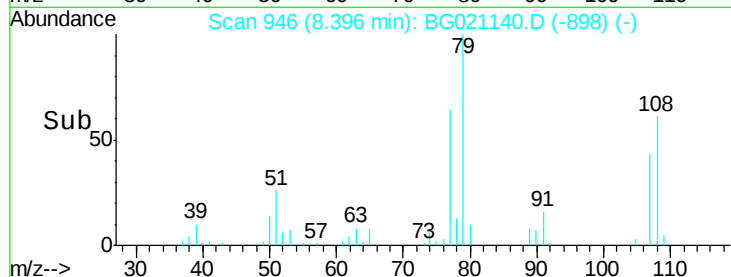
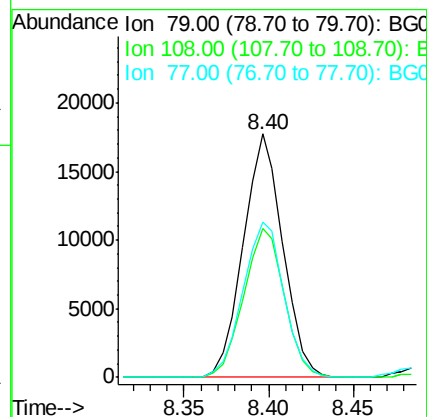
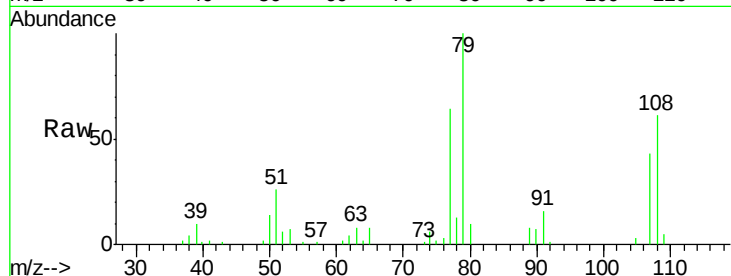
Tgt Ion: 79 Resp: 28754

Ion Ratio Lower Upper

79 100

108 61.4 65.1 97.7#

77 63.8 53.8 80.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 61.94 ng

RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

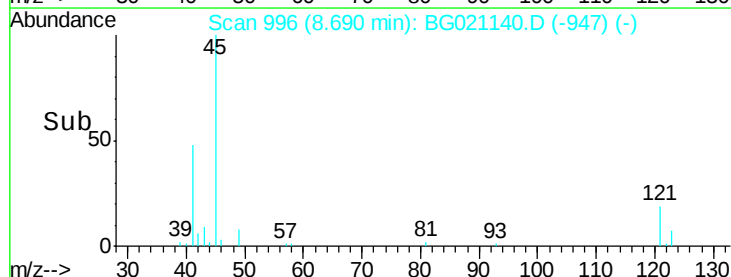
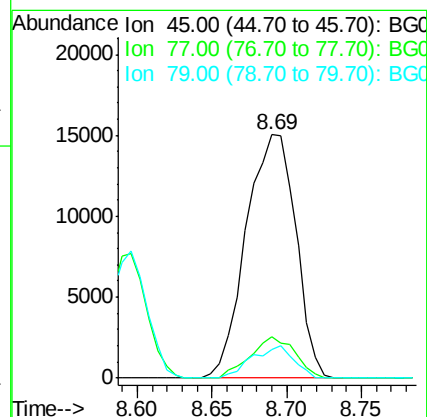
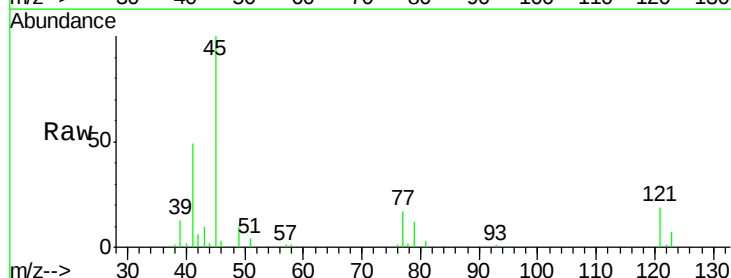
Tgt Ion: 45 Resp: 34672

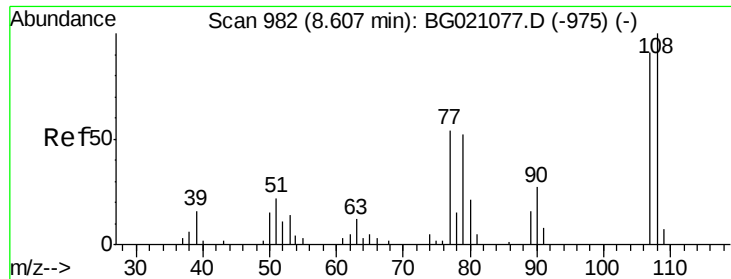
Ion Ratio Lower Upper

45 100

77 16.9 0.0 33.3

79 11.9 0.0 29.6

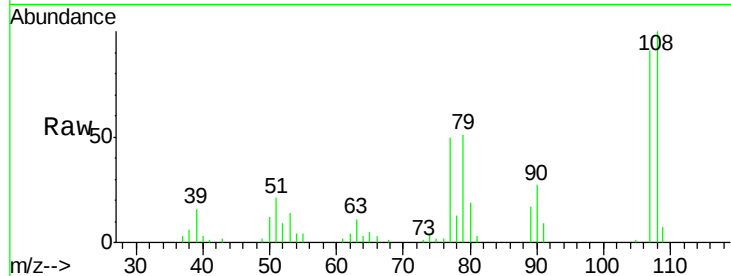




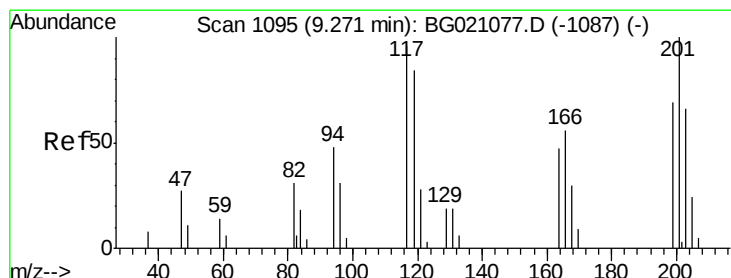
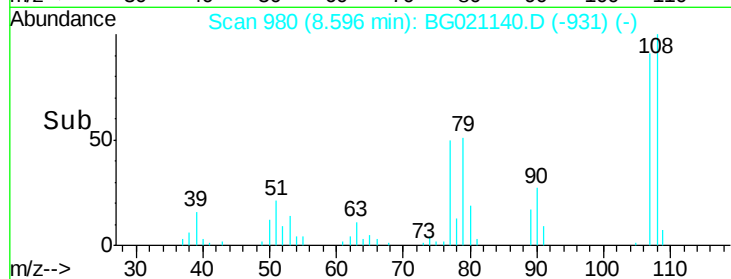
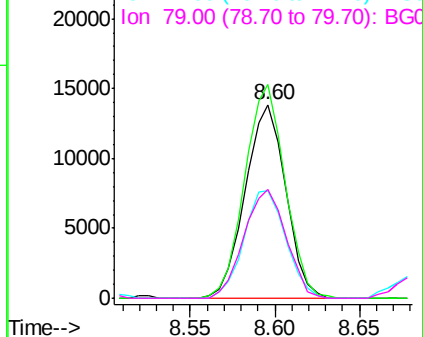
#17
2-Methylphenol
Concen: 51.33 ng
RT: 8.60 min Scan# 980
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion:107 Resp: 23078
Ion Ratio Lower Upper
107 100
108 110.5 88.8 133.2
77 55.6 38.0 57.0
79 56.5 32.6 49.0#

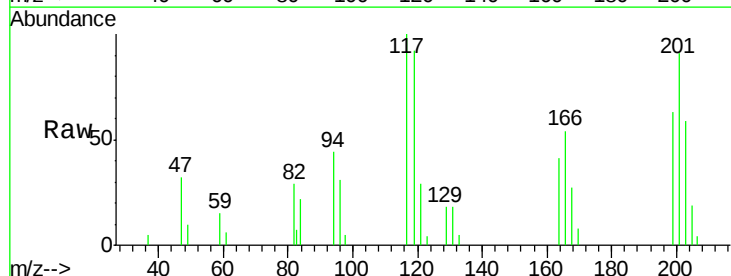


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

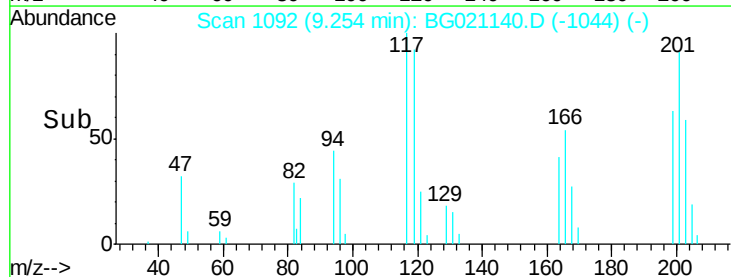
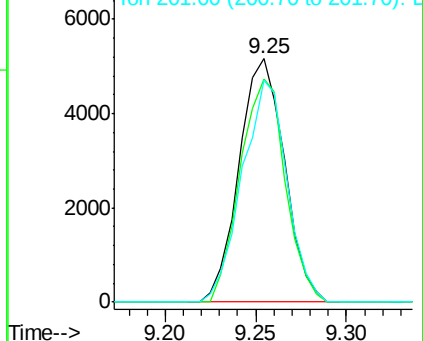


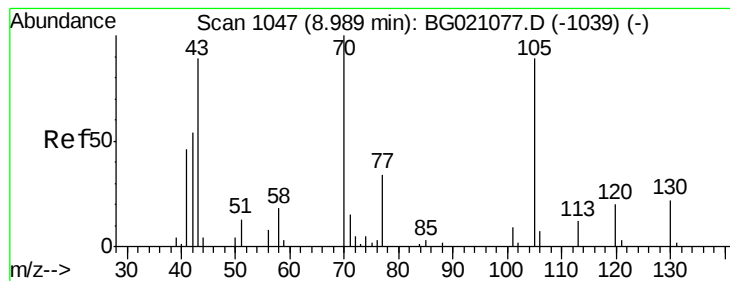
#18
Hexachloroethane
Concen: 40.27 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:117 Resp: 9025
Ion Ratio Lower Upper
117 100
119 91.6 74.5 111.7
201 91.0 68.2 102.4



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





#19

n-Nitroso-di-n-propylamine

Concen: 51.19 ng

RT: 8.97 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

Tgt Ion: 70 Resp: 24551

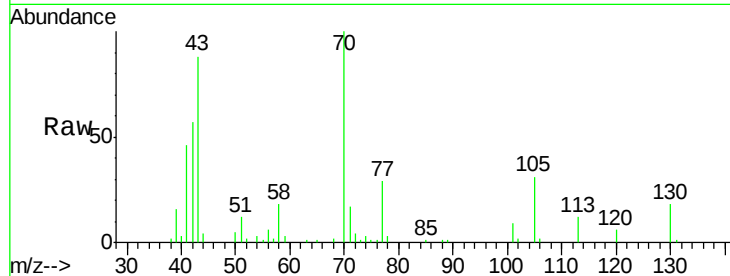
Ion Ratio Lower Upper

70 100

42 57.1 48.8 73.2

101 8.6 8.5 12.7

130 18.4 15.4 23.2

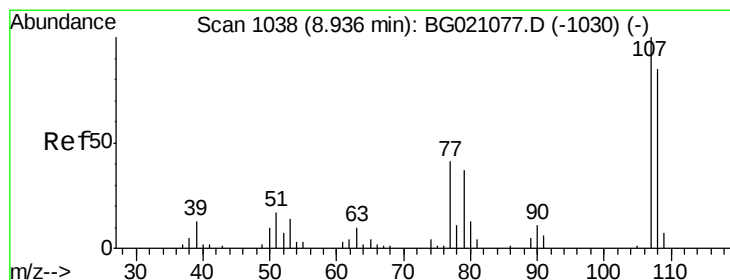
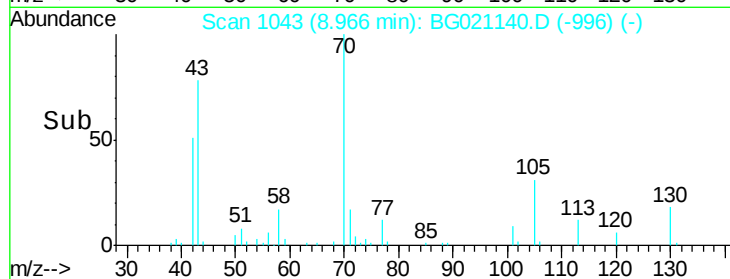
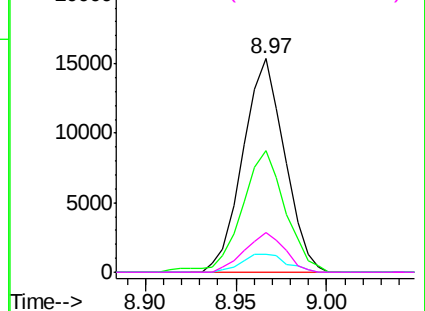


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 53.80 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion: 107 Resp: 33536

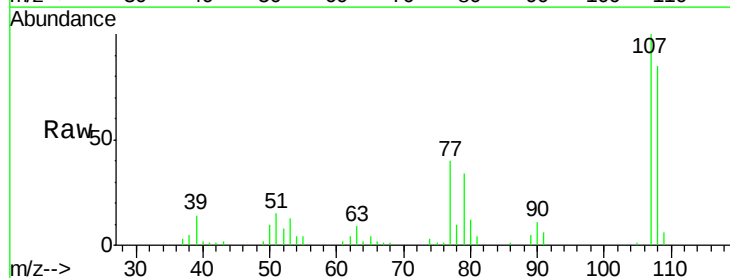
Ion Ratio Lower Upper

107 100

108 85.4 67.6 107.6

77 40.4 14.4 54.4

79 34.4 7.7 47.7

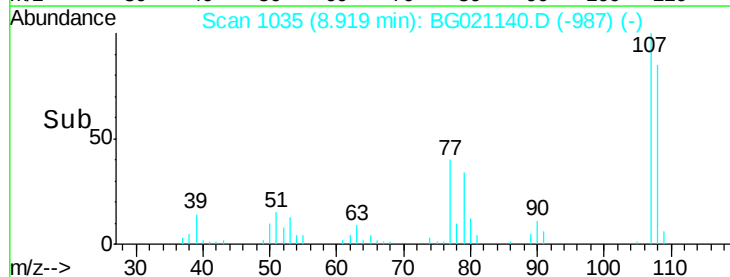
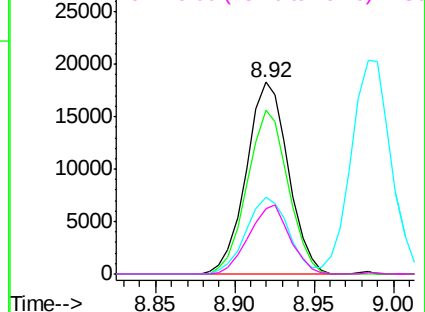


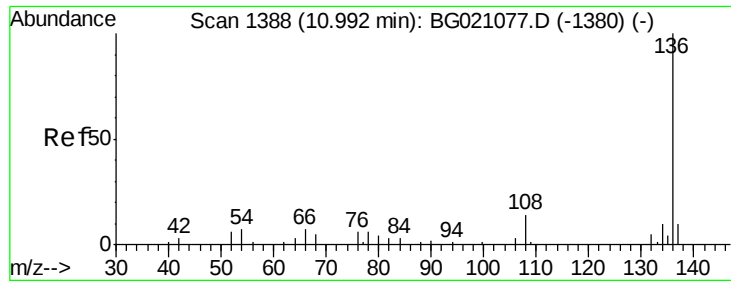
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

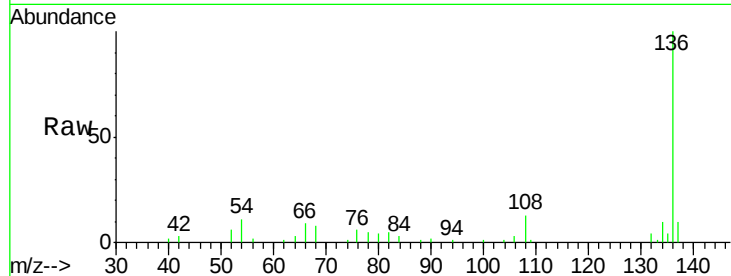




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion:	136	Resp:	38990
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.8	13.2
54	10.7	6.9	10.3#
68	7.5	5.8	8.6



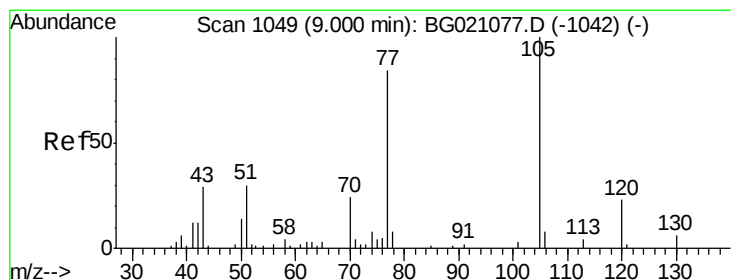
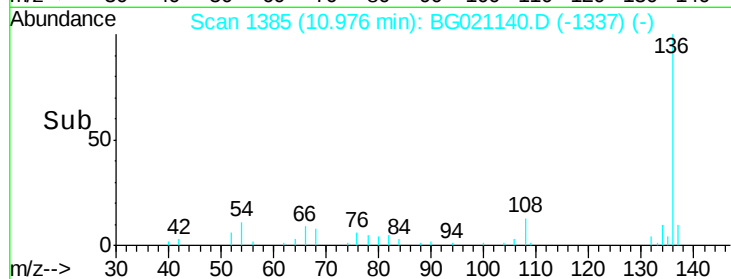
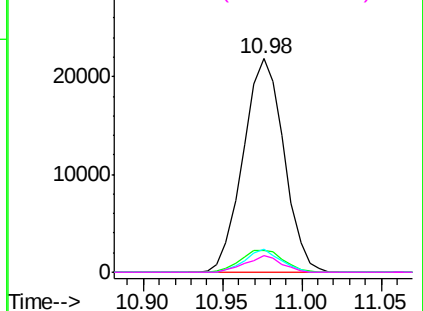
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

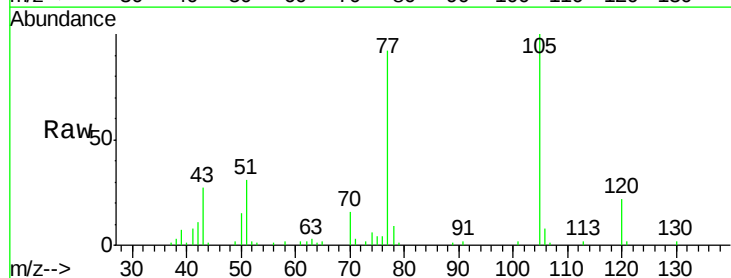
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.12 ng
RT: 8.98 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:	105	Resp:	38868
Ion	Ratio	Lower	Upper
105	100		
71	2.8	0.0	0.0#
51	31.5	21.4	32.2
120	22.1	18.0	27.0



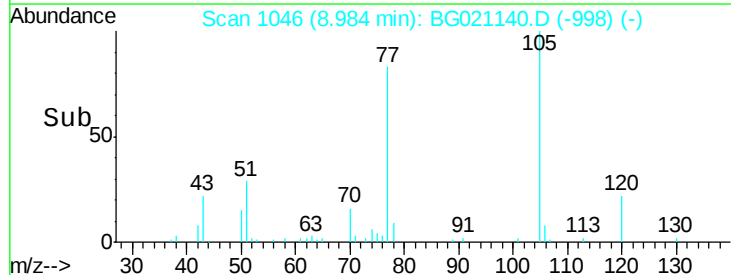
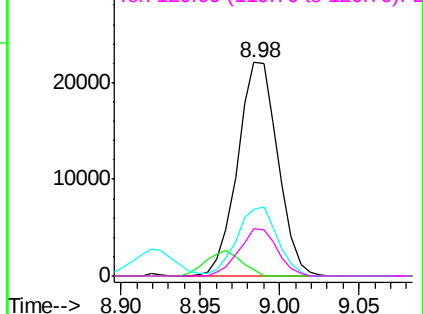
Abundance

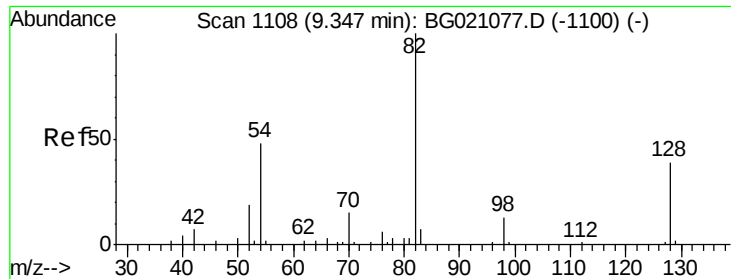
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

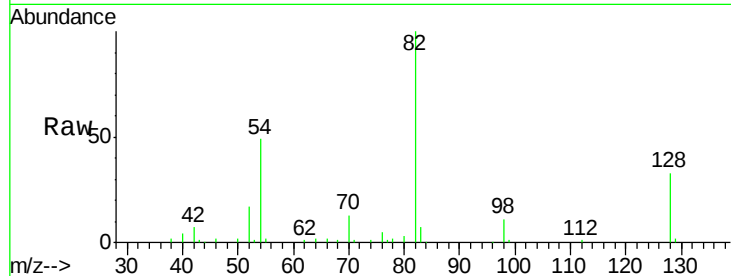




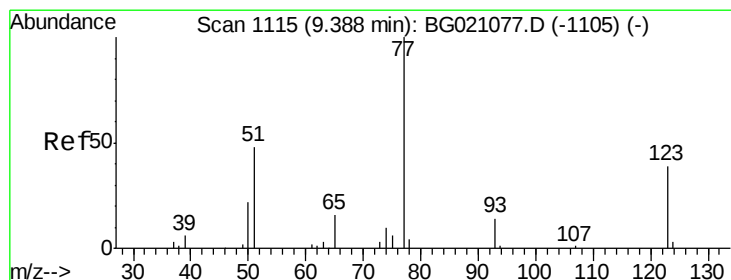
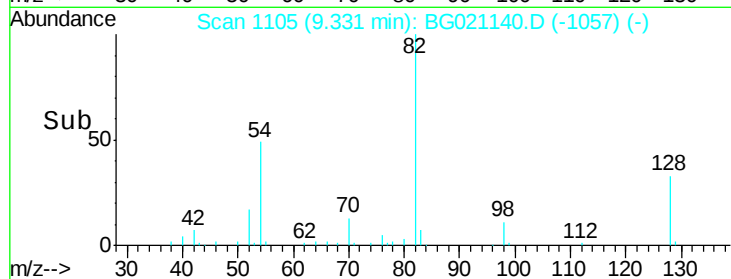
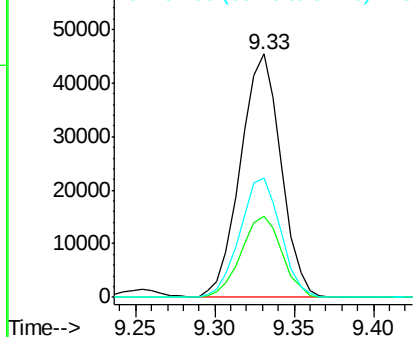
#23
Nitrobenzene-d5
Concen: 98.60 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampleId :
P-02MSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.3	36.3	54.5#
54	48.9	37.6	56.4

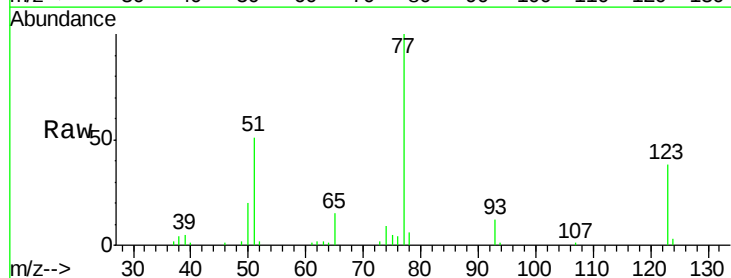


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

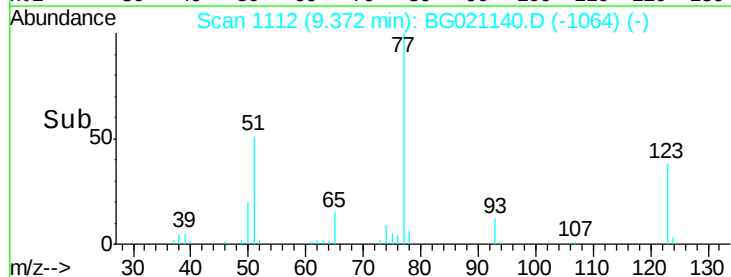
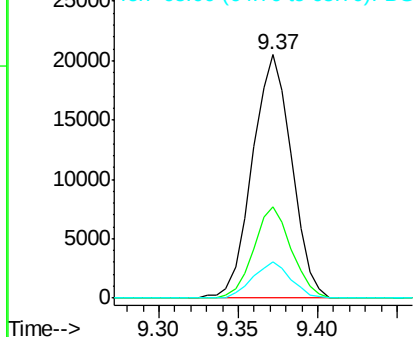


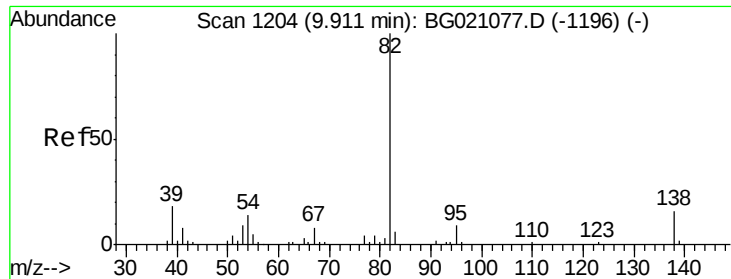
#24
Nitrobenzene
Concen: 41.79 ng
RT: 9.37 min Scan# 1112
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
77	100		
123	37.7	35.8	53.6
65	14.8	10.6	16.0



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: 44.06 ng

RT: 9.89 min Scan# 1201

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

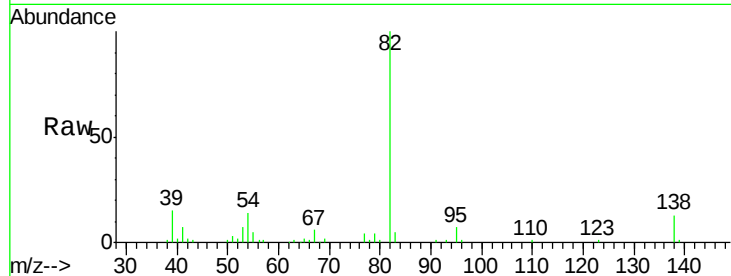
Tgt Ion: 82 Resp: 67572

Ion Ratio Lower Upper

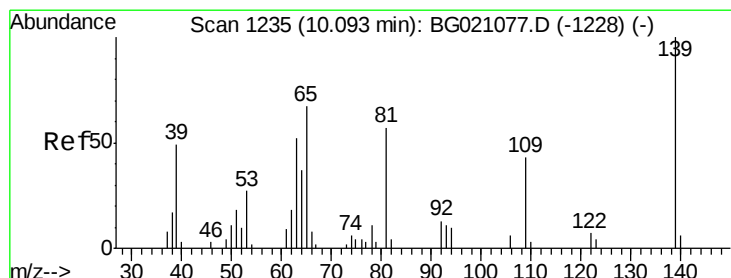
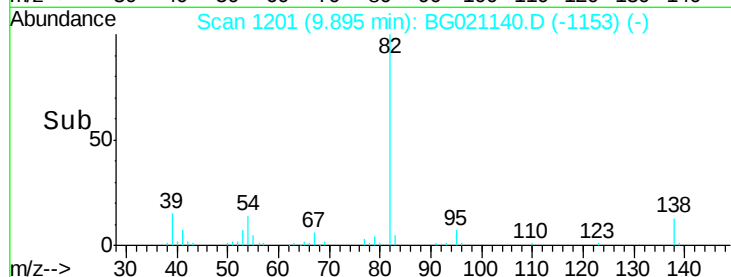
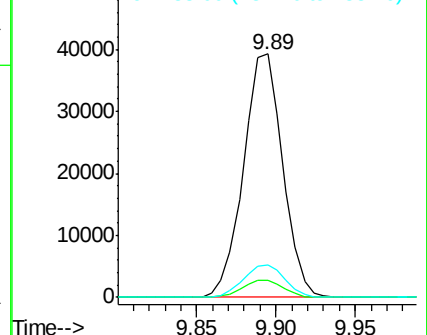
82 100

95 7.0 5.4 8.0

138 13.4 13.4 20.0



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



#26

2-Nitrophenol

Concen: 37.09 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

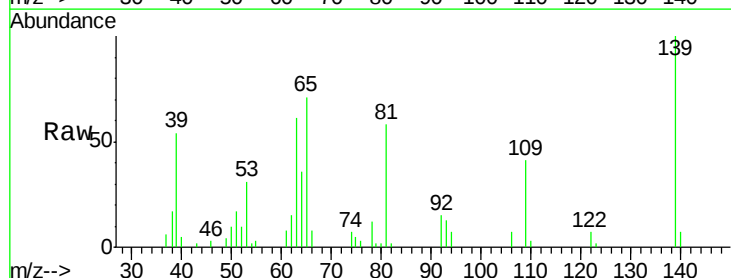
Tgt Ion: 139 Resp: 13256

Ion Ratio Lower Upper

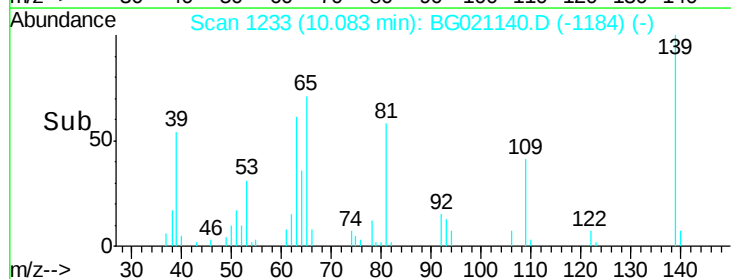
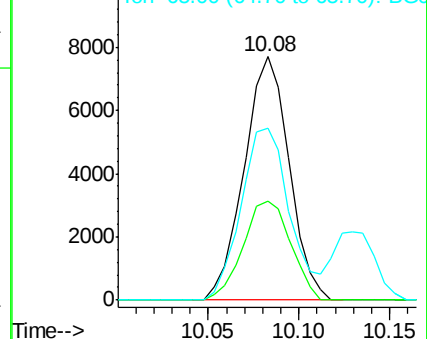
139 100

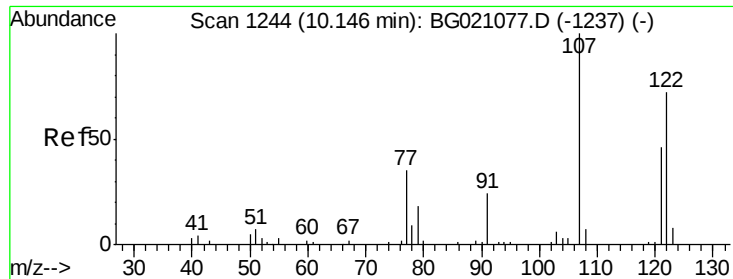
109 40.9 21.4 32.0#

65 70.7 37.8 56.8#



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

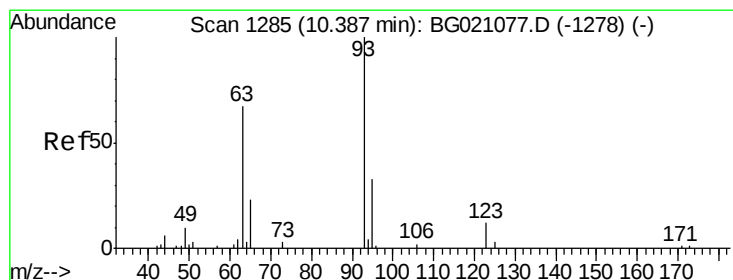
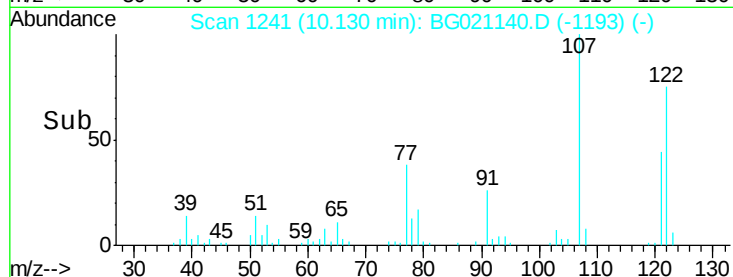
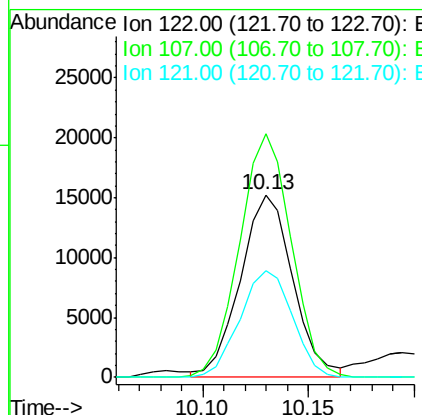
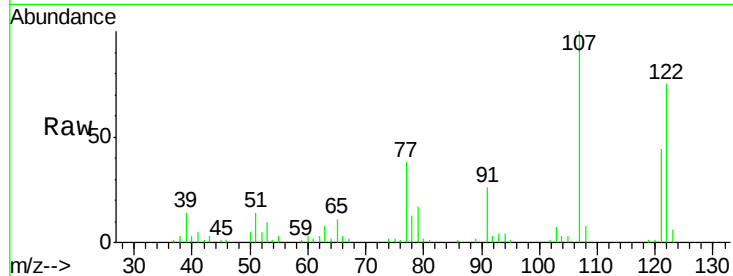




#27
 2,4-Dimethylphenol
 Concen: 41.76 ng
 RT: 10.13 min Scan# 1241
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

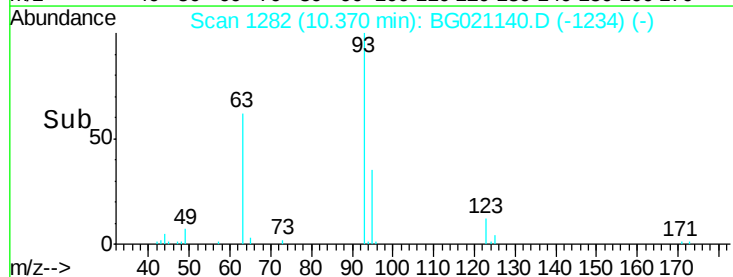
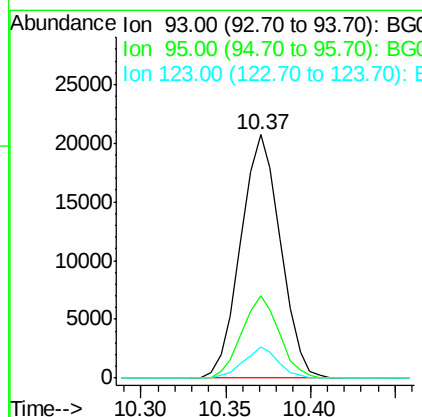
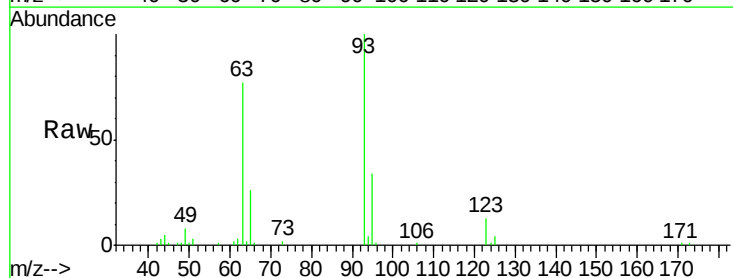
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

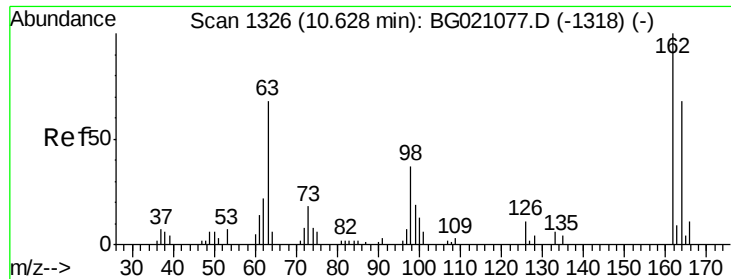
Tgt Ion: 122 Resp: 26329
 Ion Ratio Lower Upper
 122 100
 107 133.5 94.1 141.1
 121 58.2 45.9 68.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.40 ng
 RT: 10.37 min Scan# 1282
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion: 93 Resp: 33936
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.2 36.2
 123 12.7 9.0 13.6

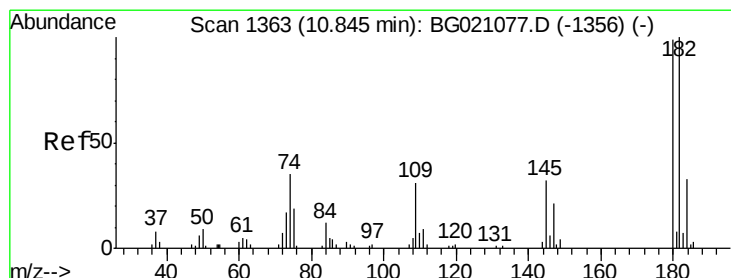
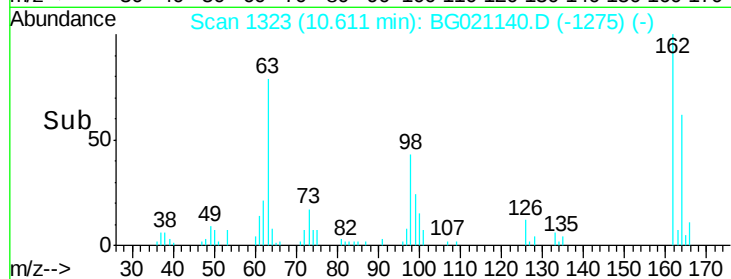
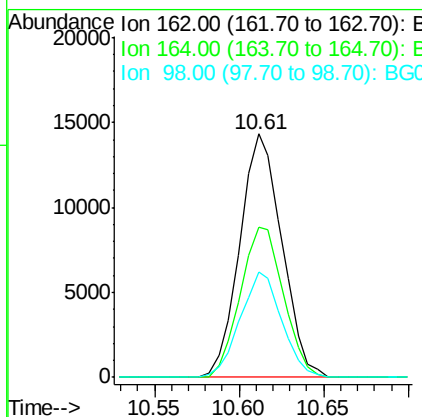
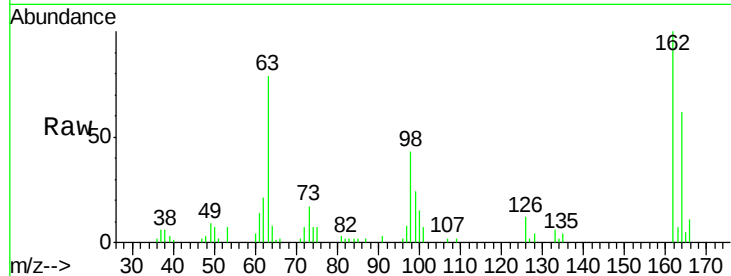




#29
 2,4-Dichlorophenol
 Concen: 40.15 ng
 RT: 10.61 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

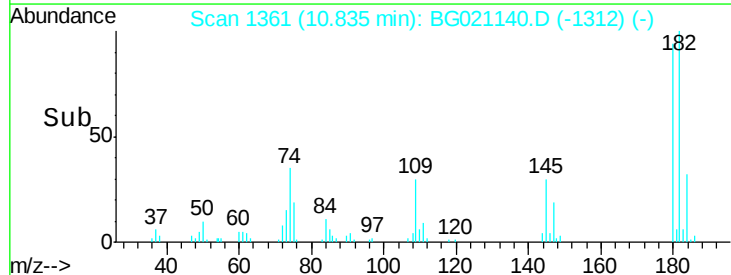
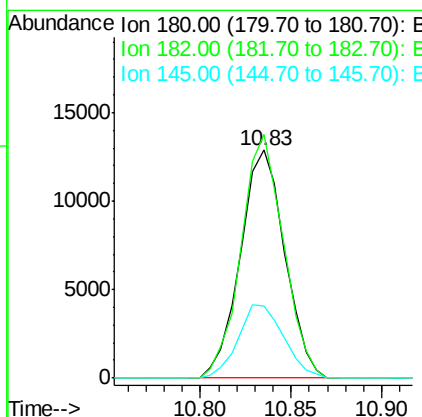
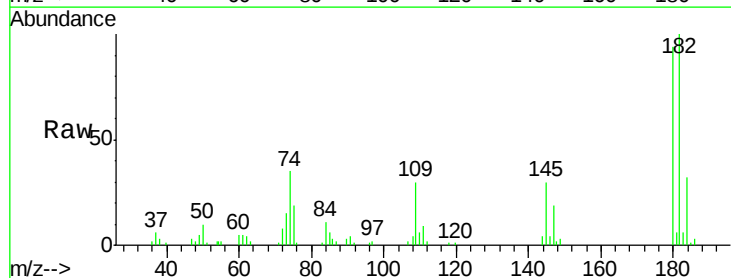
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

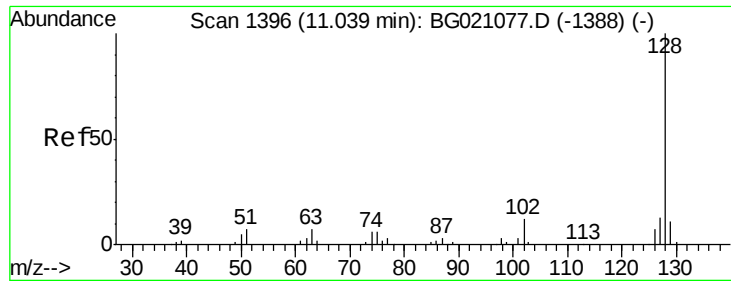
Tgt Ion	Ratio	Lower	Upper
162	100		
164	61.6	43.7	83.7
98	43.4	18.3	58.3



#30
 1,2,4-Trichlorobenzene
 Concen: 31.40 ng
 RT: 10.83 min Scan# 1361
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.7	77.4	116.0
145	31.8	25.7	38.5

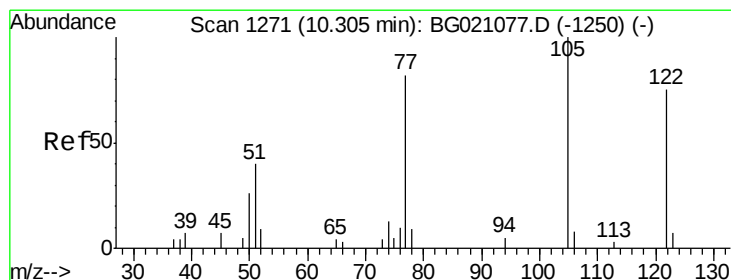
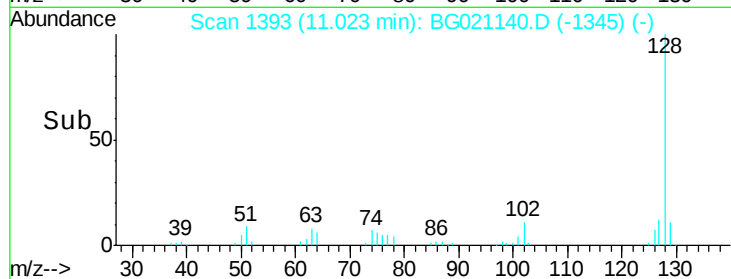
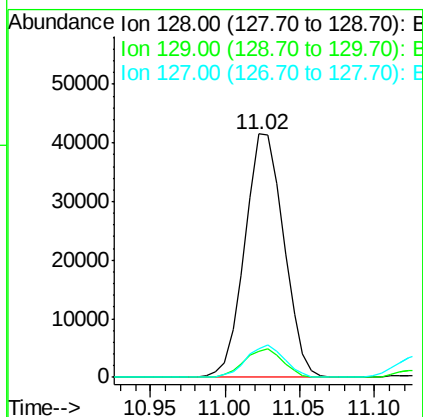
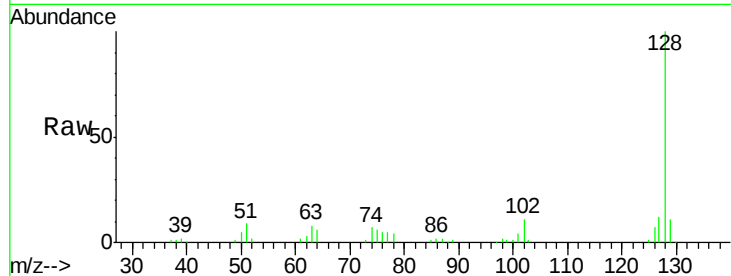




#31
Naphthalene
Concen: 37.48 ng
RT: 11.02 min Scan# 1393
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

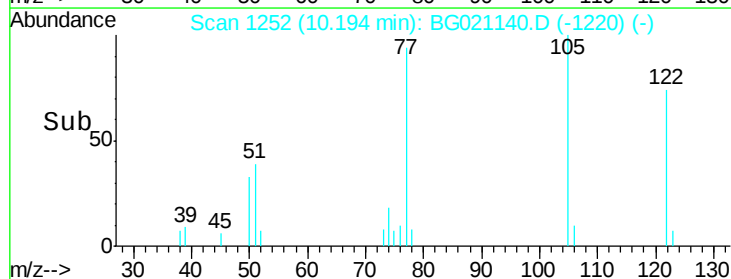
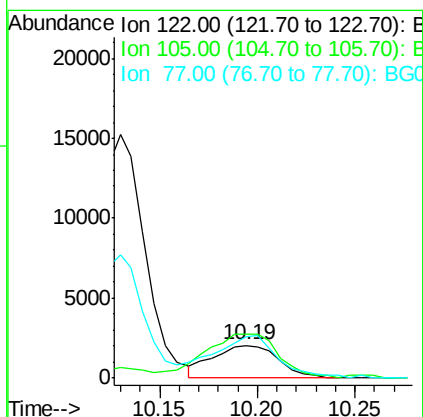
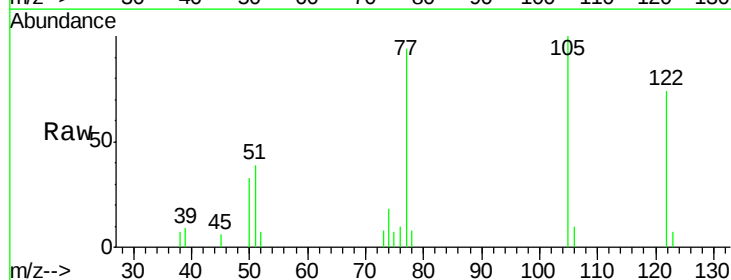
Instrument :
BNA_G
ClientSampleId :
P-02MSD

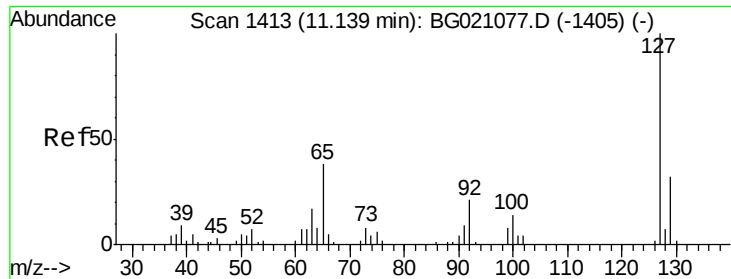
Tgt Ion:128 Resp: 75061
Ion Ratio Lower Upper
128 100
129 10.5 9.4 14.2
127 11.9 10.8 16.2



#32
Benzoic acid
Concen: 8.29 ng
RT: 10.19 min Scan# 1252
Delta R.T. -0.11 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:122 Resp: 4800
Ion Ratio Lower Upper
122 100
105 134.7 98.7 138.7
77 127.1 84.5 124.5#

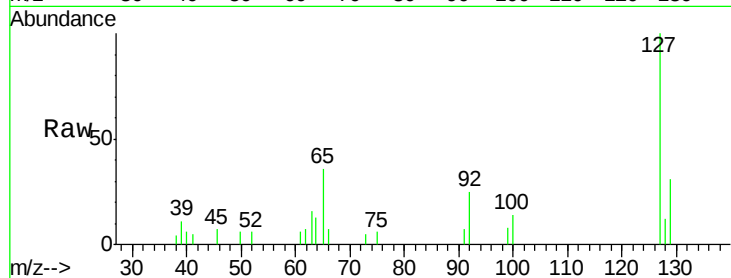




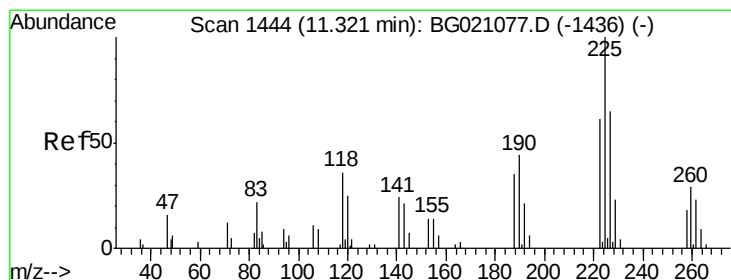
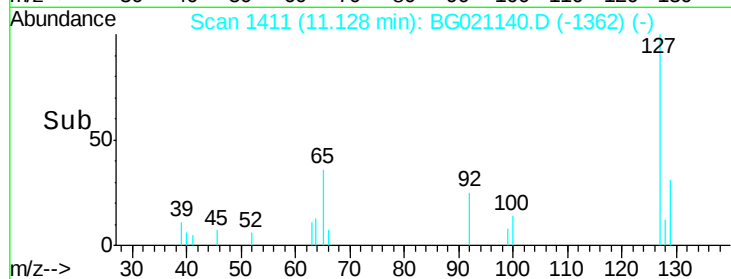
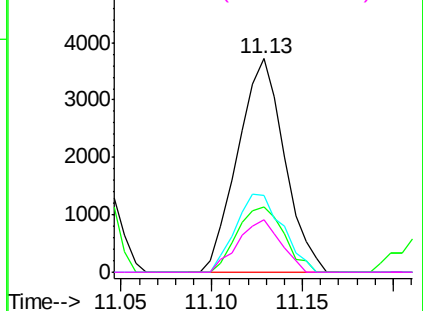
#33
4-Chloroaniline
Concen: 7.98 ng
RT: 11.13 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Instrument :
BNA_G
ClientSampled :
P-02MSD

Tgt Ion:	127	Resp:	6677
Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.2	39.2
65	35.9	22.9	34.3#
92	24.6	15.0	22.6#

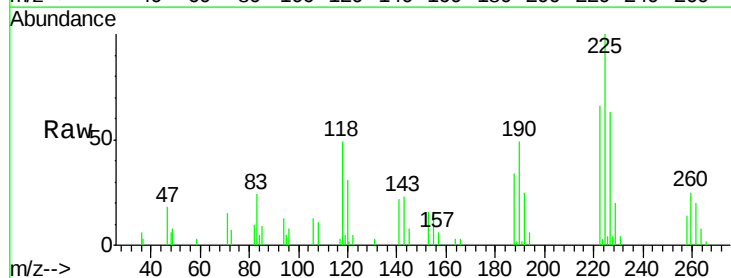


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

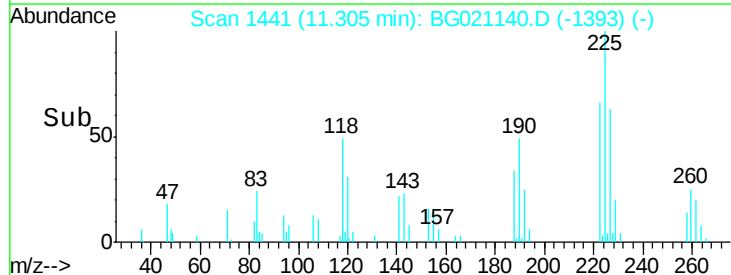
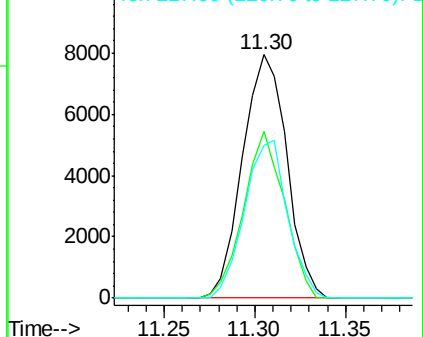


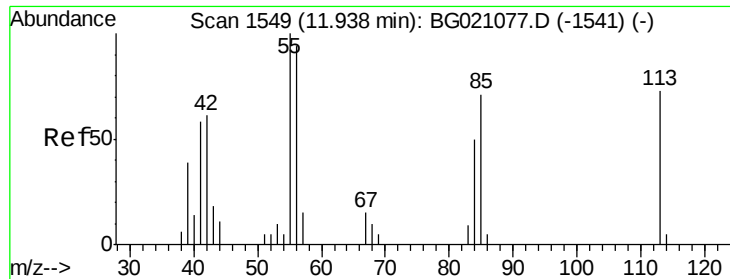
#34
Hexachlorobutadiene
Concen: 29.07 ng
RT: 11.30 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:	225	Resp:	13607
Ion	Ratio	Lower	Upper
225	100		
223	65.9	54.6	82.0
227	63.9	54.6	81.8



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





#35

Caprolactam

Concen: 33.04 ng

RT: 11.89 min Scan# 1541

Delta R.T. -0.05 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

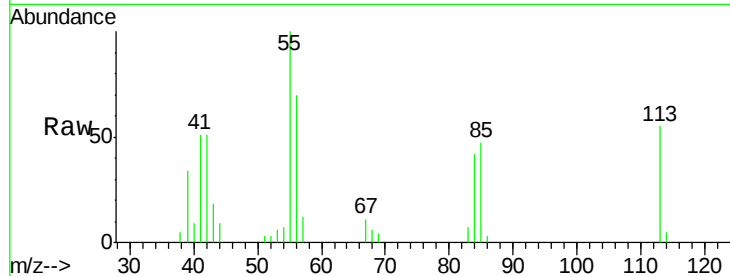
Tgt Ion:113 Resp: 6890

Ion Ratio Lower Upper

113 100

55 181.5 155.2 195.2

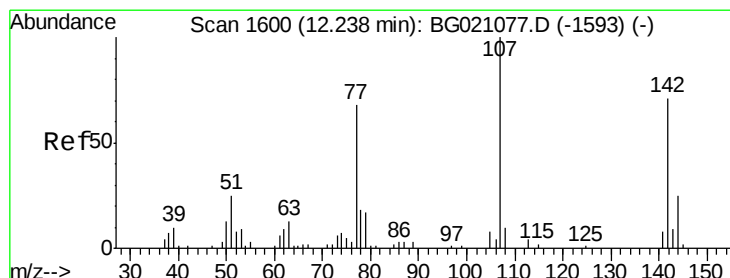
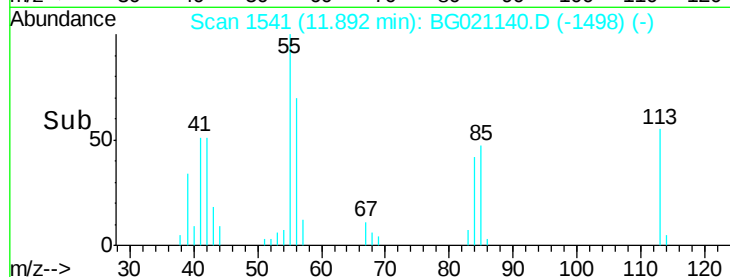
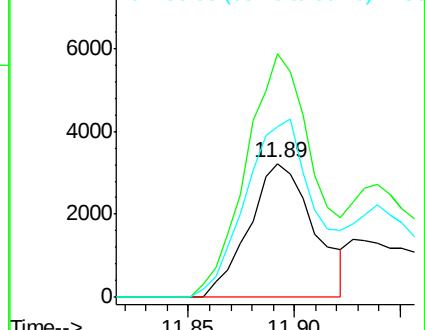
56 127.5 94.0 134.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.93 ng

RT: 12.23 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

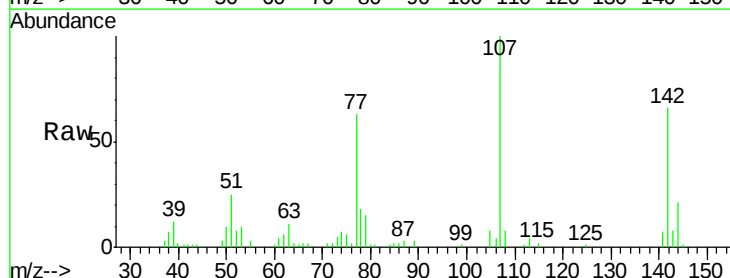
Tgt Ion:107 Resp: 34754

Ion Ratio Lower Upper

107 100

144 20.8 21.8 32.8#

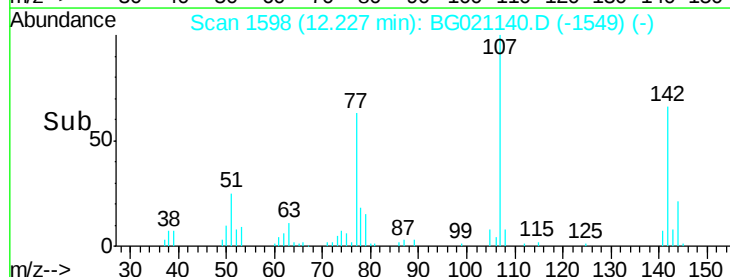
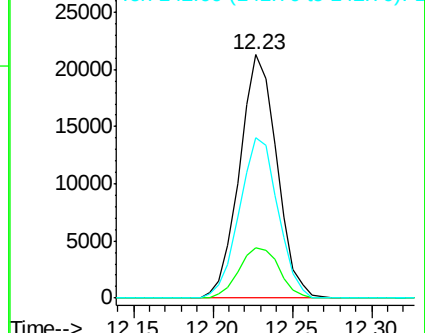
142 65.9 65.6 98.4

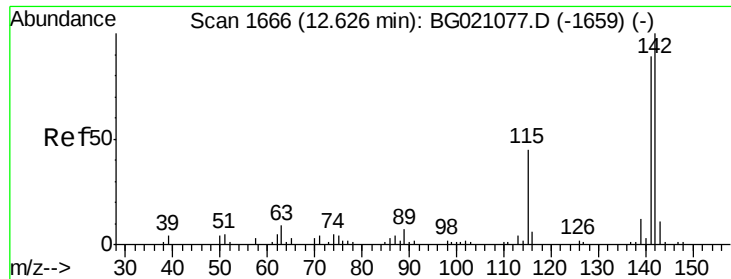


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

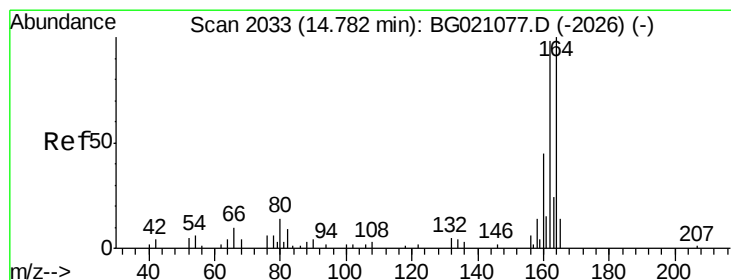
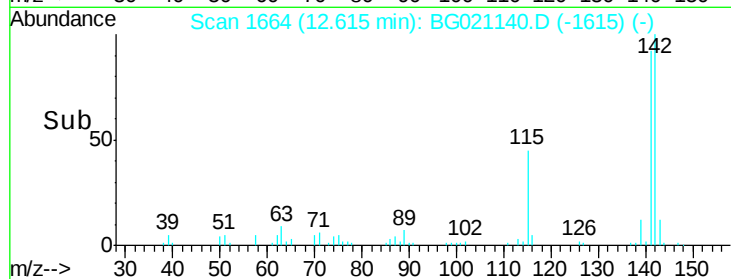
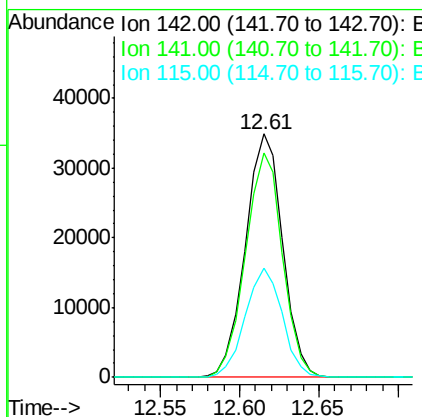
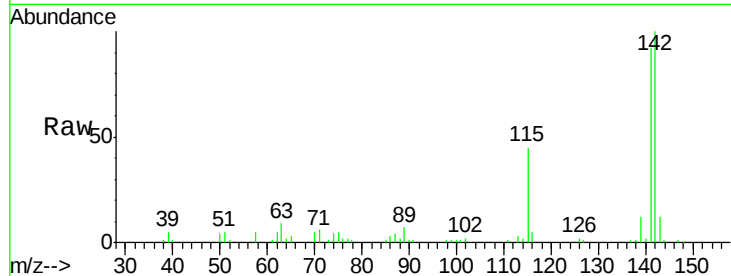




#37
 2-Methylnaphthalene
 Concen: 40.49 ng
 RT: 12.61 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

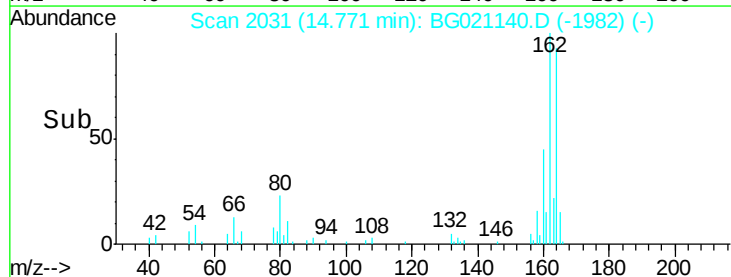
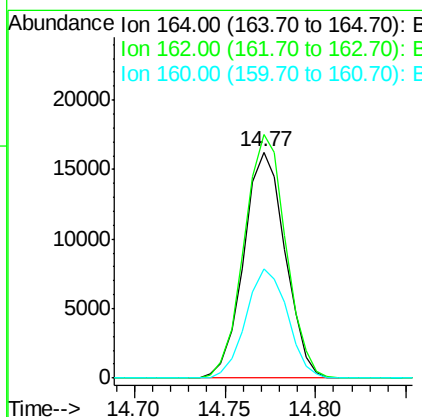
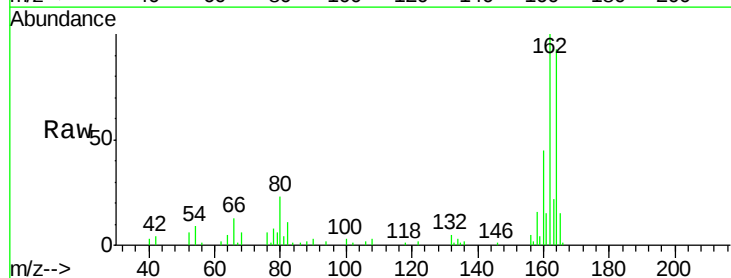
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

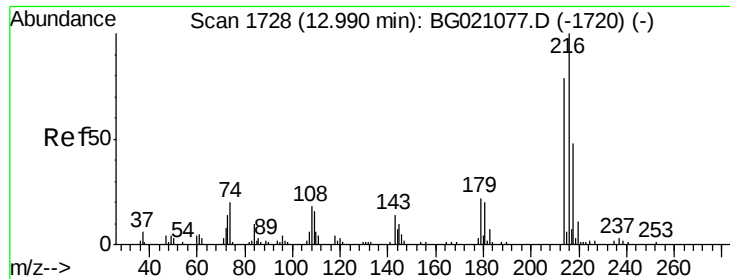
Tgt Ion:142 Resp: 56946
 Ion Ratio Lower Upper
 142 100
 141 91.9 71.7 107.5
 115 44.7 26.2 39.4#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:164 Resp: 25837
 Ion Ratio Lower Upper
 164 100
 162 107.7 80.6 120.8
 160 48.4 36.5 54.7





#39

1,2,4,5-Tetrachlorobenzene

Concen: 29.93 ng

RT: 12.98 min Scan# 1726

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

Tgt Ion:216 Resp: 28580

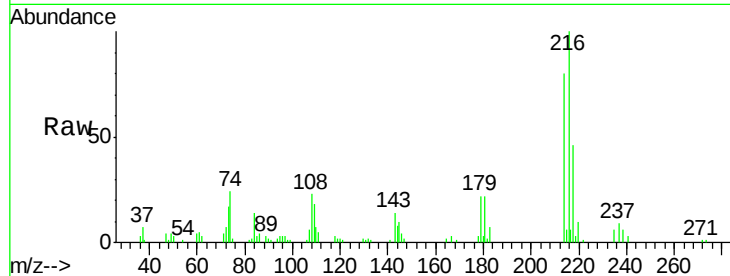
Ion Ratio Lower Upper

216 100

214 79.1 63.5 95.3

179 21.9 17.4 26.0

108 27.2 16.8 25.2#

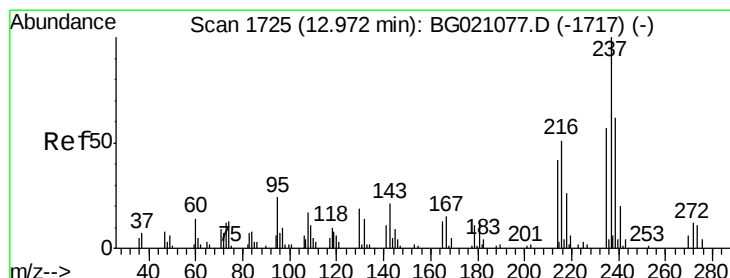
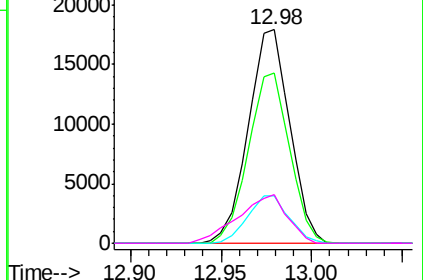
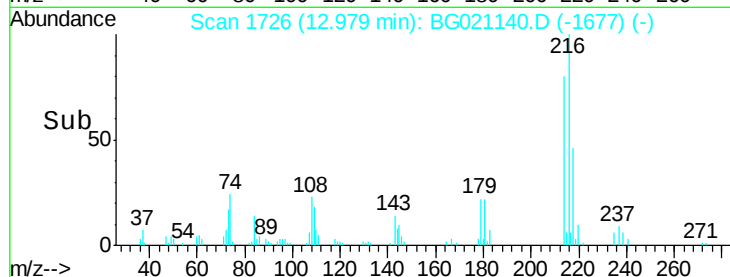


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 51.05 ng

RT: 12.96 min Scan# 1722

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

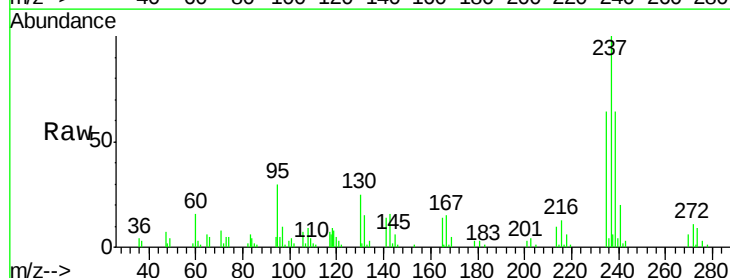
Tgt Ion:237 Resp: 32052

Ion Ratio Lower Upper

237 100

235 63.9 42.9 82.9

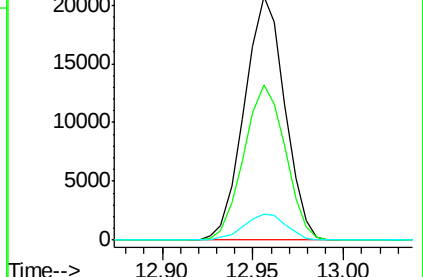
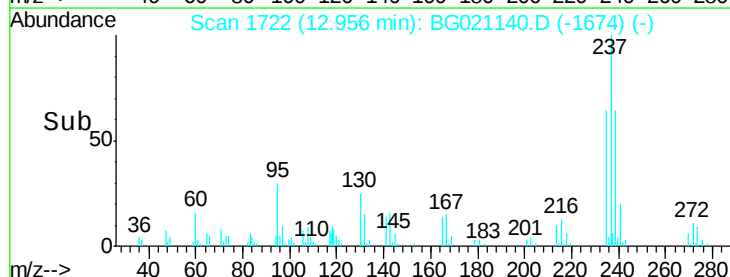
272 10.7 0.0 32.3

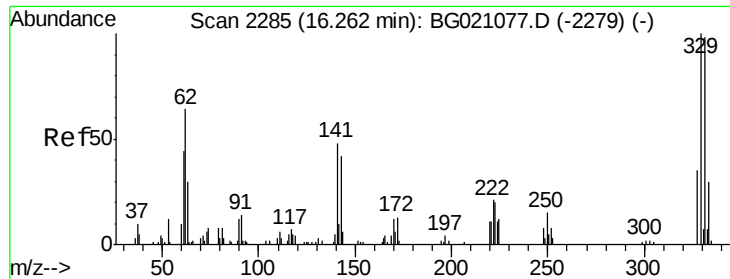


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

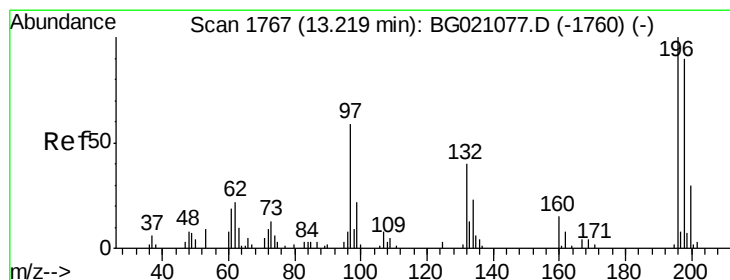
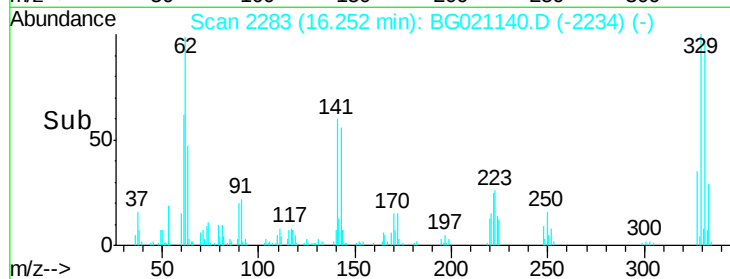
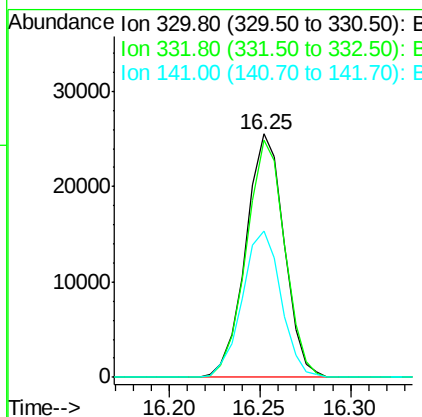
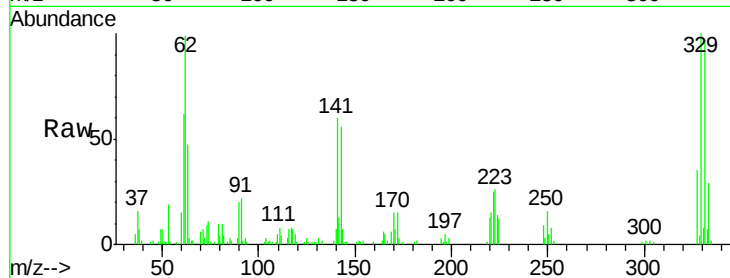




#41
 2,4,6-Tribromophenol
 Concen: 110.95 ng
 RT: 16.25 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

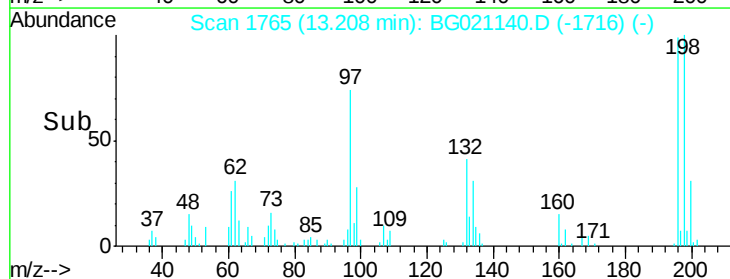
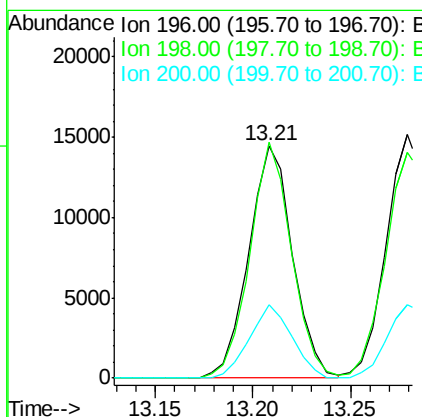
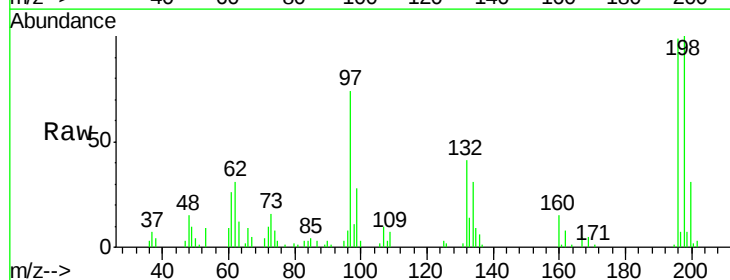
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

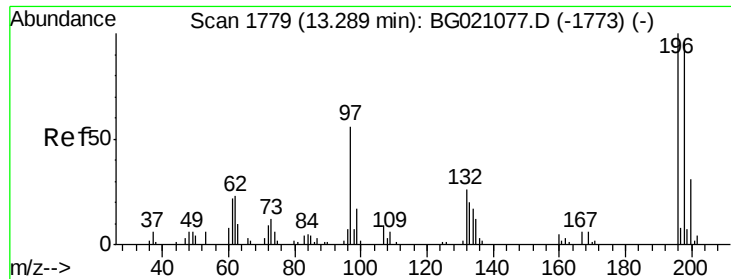
Tgt Ion:330 Resp: 37584
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.0
 141 60.7 35.3 52.9#



#42
 2,4,6-Trichlorophenol
 Concen: 37.53 ng
 RT: 13.21 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:196 Resp: 22469
 Ion Ratio Lower Upper
 196 100
 198 101.5 75.8 113.8
 200 33.8 23.8 35.8

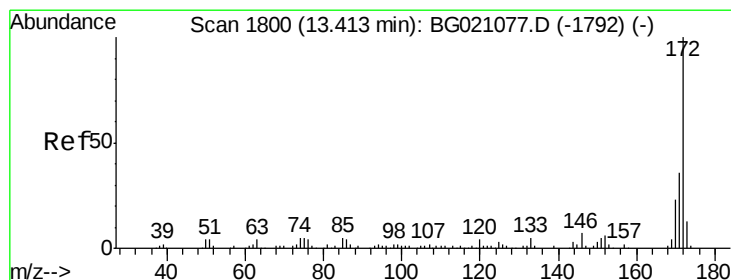
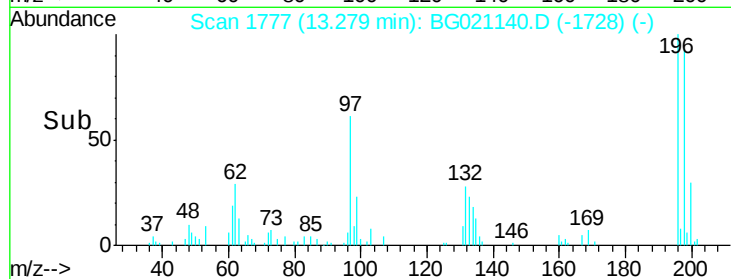
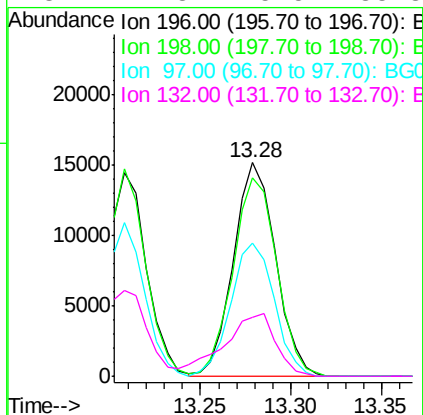
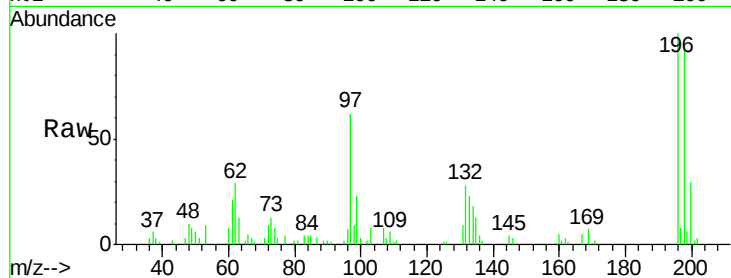




#43
 2,4,5-Trichlorophenol
 Concen: 40.00 ng
 RT: 13.28 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

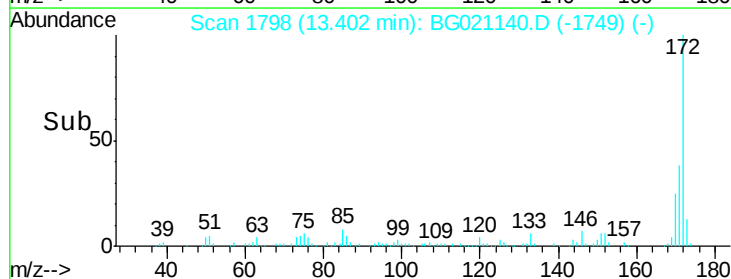
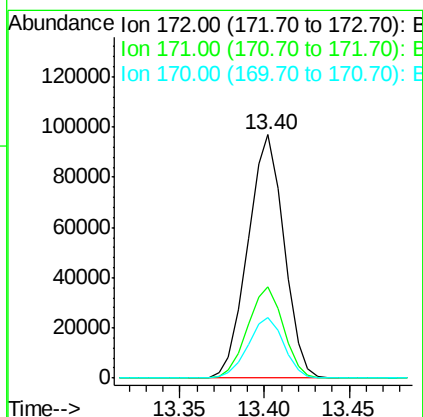
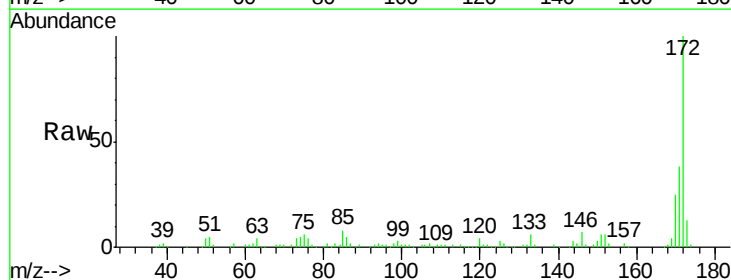
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

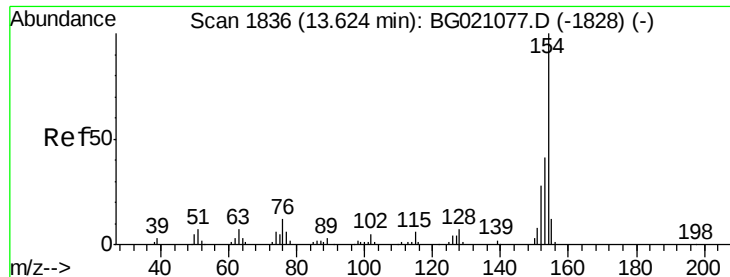
Tgt Ion:	196	Resp:	24609
Ion	Ratio	Lower	Upper
196	100		
198	92.7	80.2	120.4
97	62.2	42.9	64.3
132	27.8	25.5	38.3



#44
 2-Fluorobiphenyl
 Concen: 71.34 ng
 RT: 13.40 min Scan# 1798
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:	172	Resp:	144040
Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.4	44.0
170	25.1	19.8	29.8

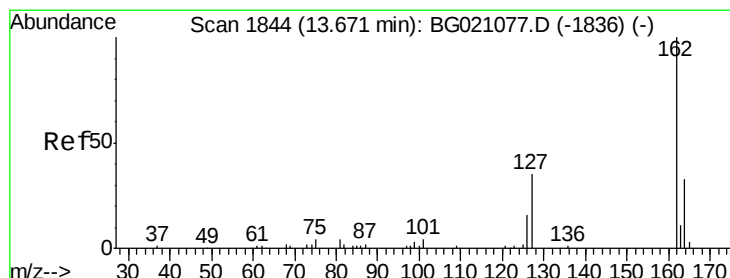
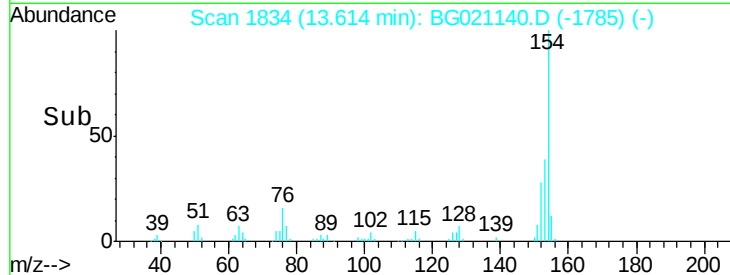
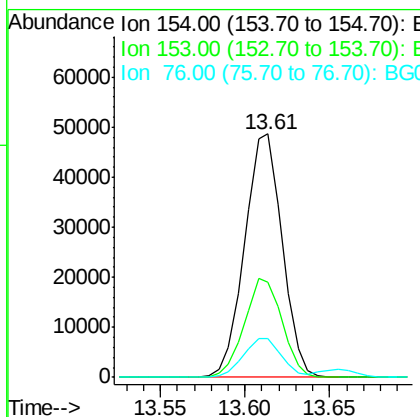
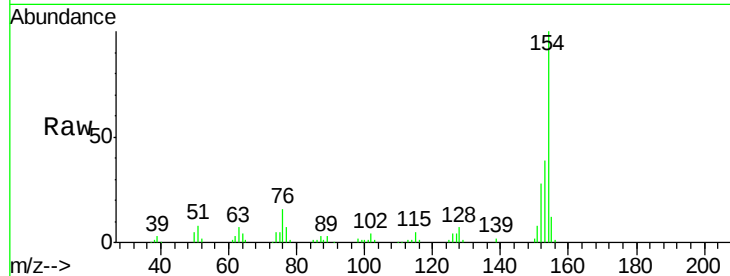




#45
 1,1'-Biphenyl
 Concen: 34.58 ng
 RT: 13.61 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

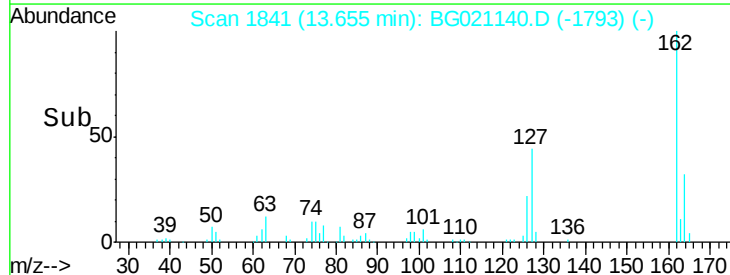
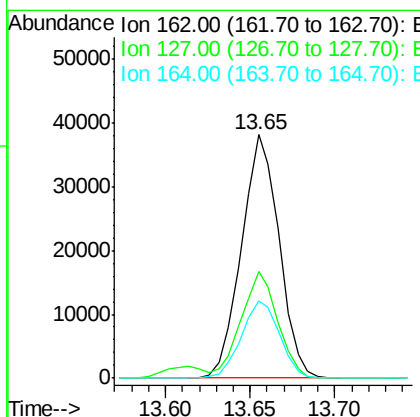
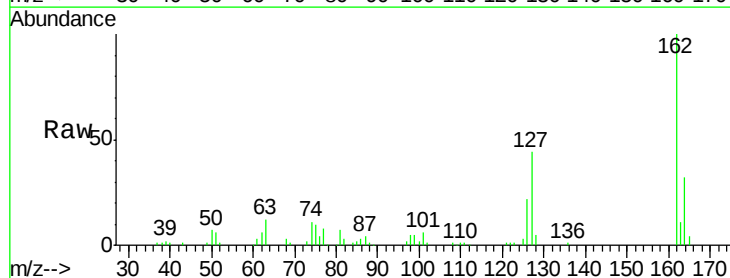
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

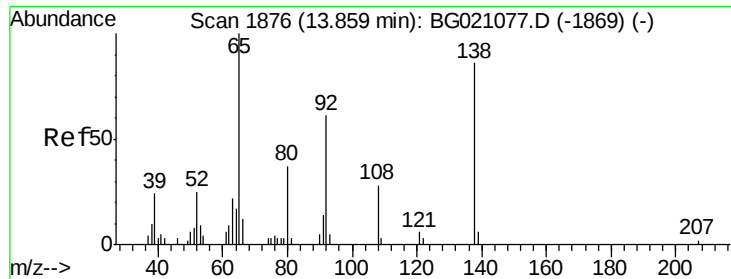
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	19.8	59.8
76	15.7	0.0	33.6



#46
 2-Chloronaphthalene
 Concen: 35.74 ng
 RT: 13.65 min Scan# 1841
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
162	100		
127	43.7	31.8	47.8
164	31.9	26.3	39.5

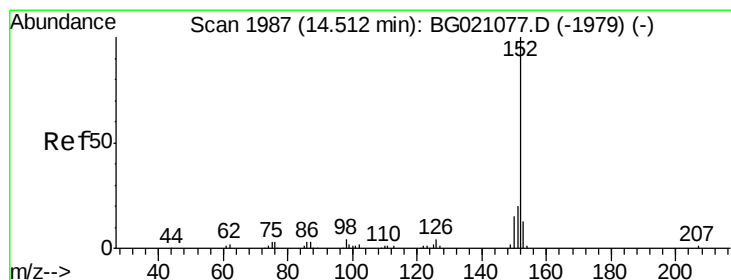
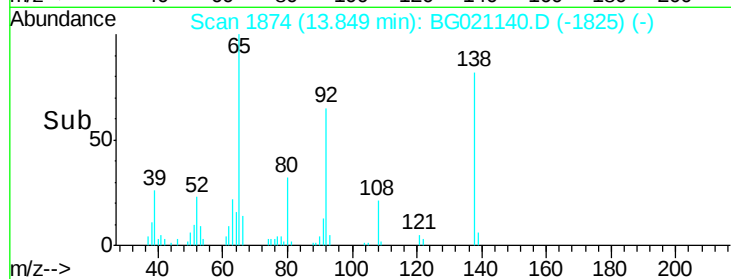
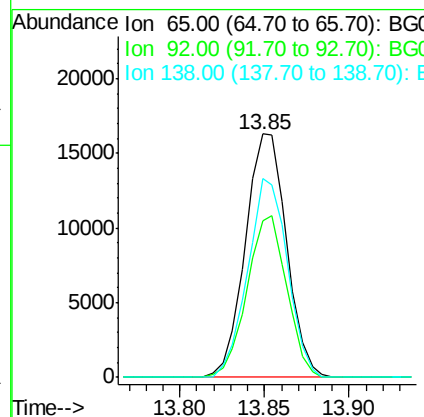
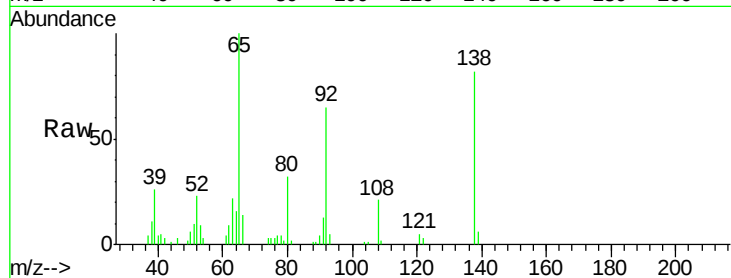




#47
2-Nitroaniline
Concen: 51.55 ng
RT: 13.85 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

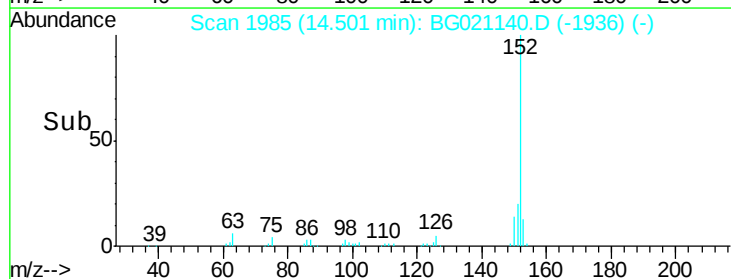
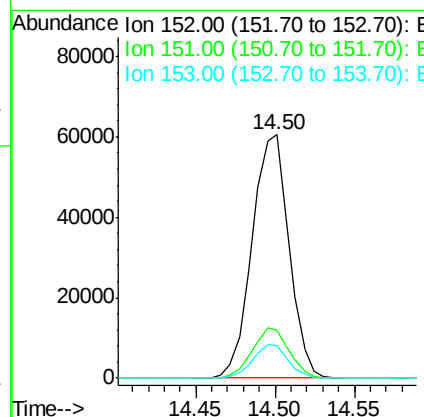
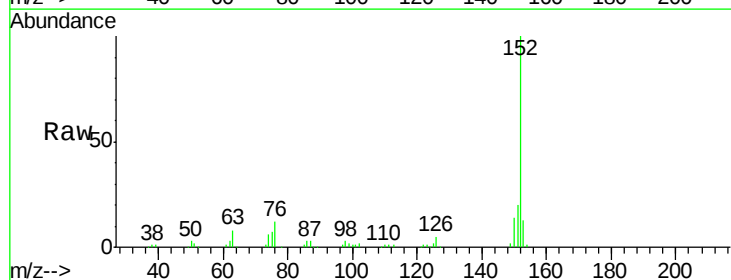
Instrument :
BNA_G
ClientSampleId :
P-02MSD

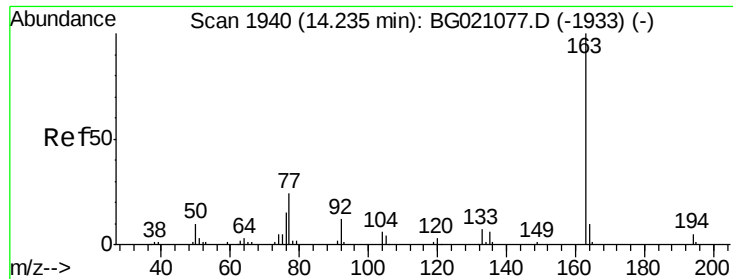
Tgt Ion: 65 Resp: 27573
Ion Ratio Lower Upper
65 100
92 64.5 54.6 82.0
138 81.6 94.9 142.3#



#48
Acenaphthylene
Concen: 37.55 ng
RT: 14.50 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion: 152 Resp: 98085
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.3 10.2 15.2





#49

Dimethylphthalate

Concen: 48.06 ng

RT: 14.22 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

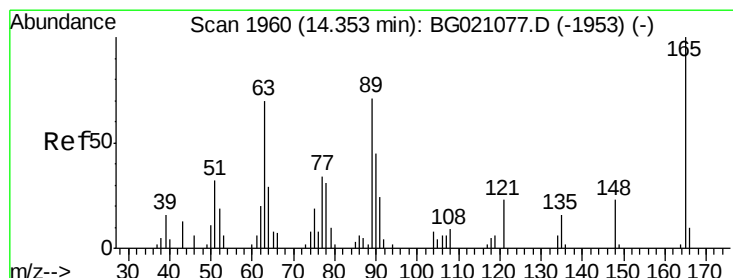
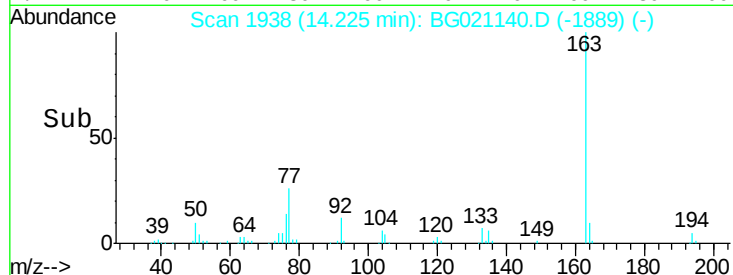
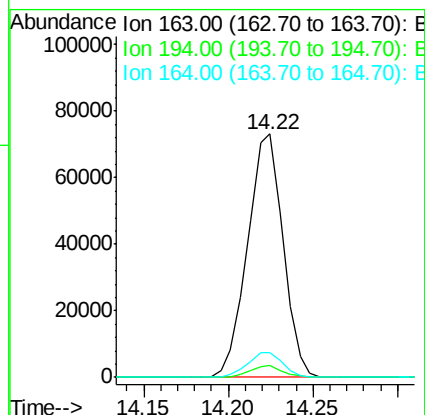
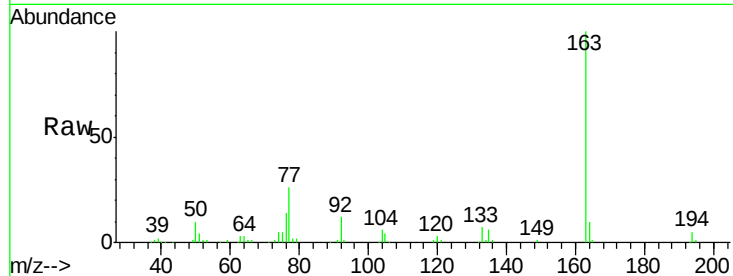
Instrument :

BNA_G

ClientSampleId :

P-02MSD

Tgt Ion:	163	Resp:	107022
Ion	Ratio	Lower	Upper
163	100		
194	4.9	2.8	4.2#
164	10.3	7.9	11.9



#50

2,6-Dinitrotoluene

Concen: 39.89 ng

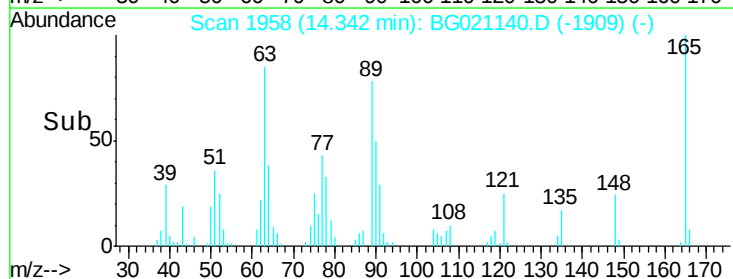
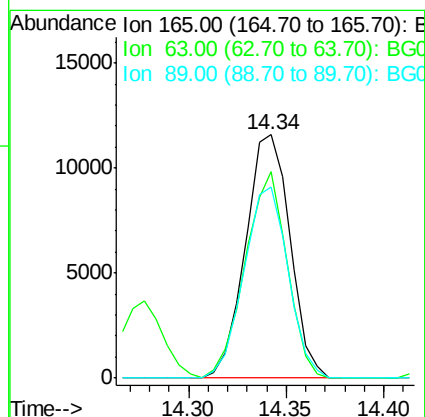
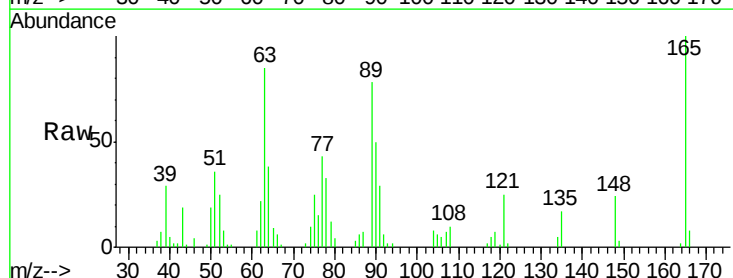
RT: 14.34 min Scan# 1958

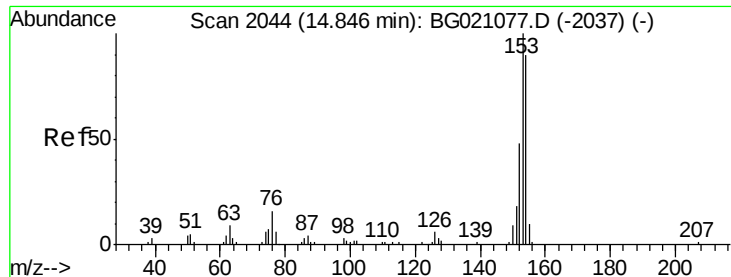
Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:	165	Resp:	18273
Ion	Ratio	Lower	Upper
165	100		
63	84.6	42.1	63.1#
89	78.5	46.1	69.1#





#51

Acenaphthene

Concen: 39.22 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

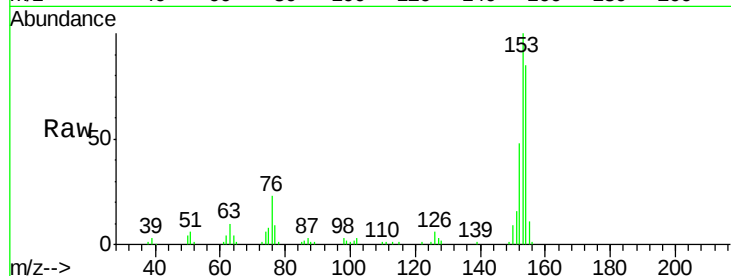
Tgt Ion:154 Resp: 69875

Ion Ratio Lower Upper

154 100

153 118.1 94.2 141.2

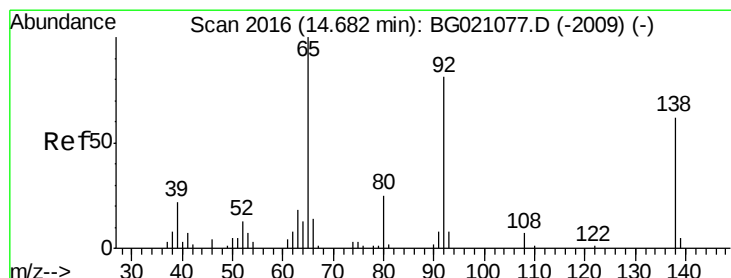
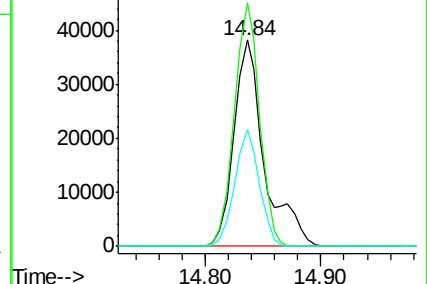
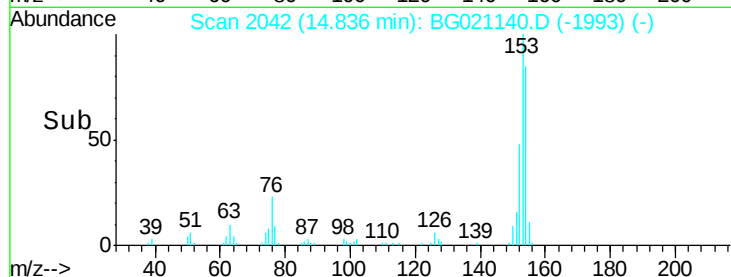
152 56.8 42.9 64.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.27 ng

RT: 14.67 min Scan# 2013

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

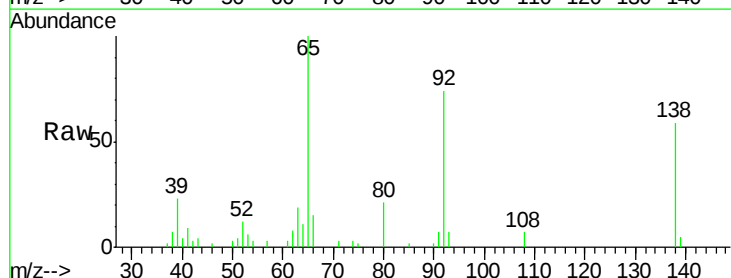
Tgt Ion:138 Resp: 7253

Ion Ratio Lower Upper

138 100

108 11.3 5.8 8.6#

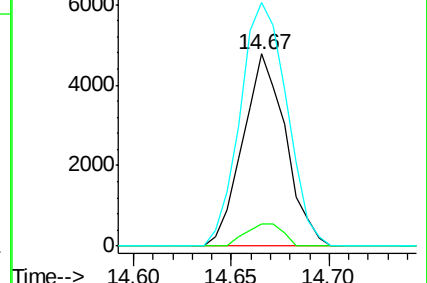
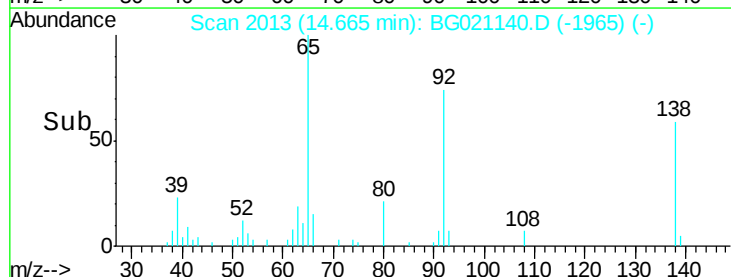
92 126.7 83.6 125.4#

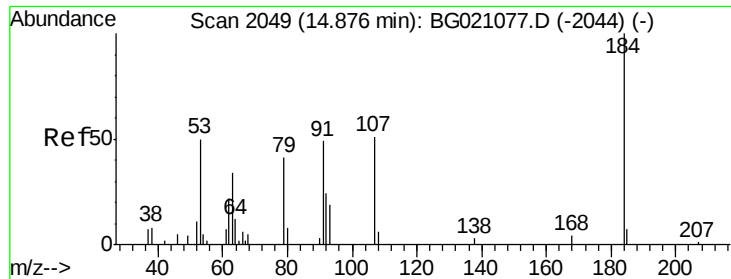


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

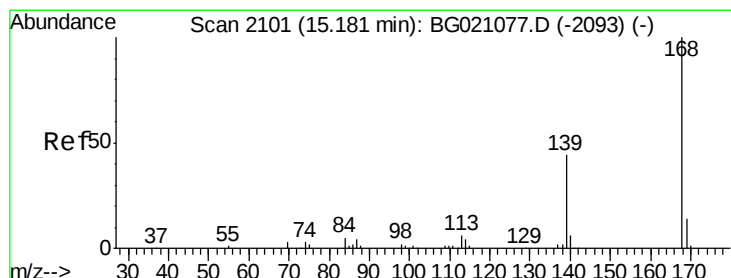
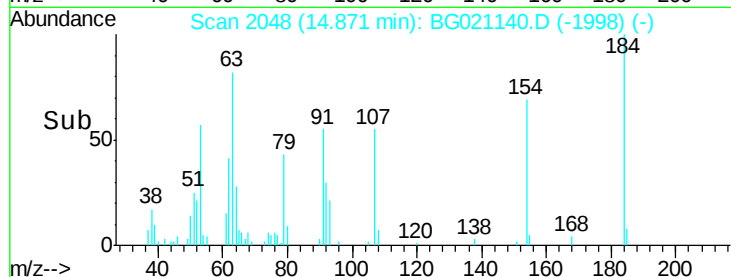
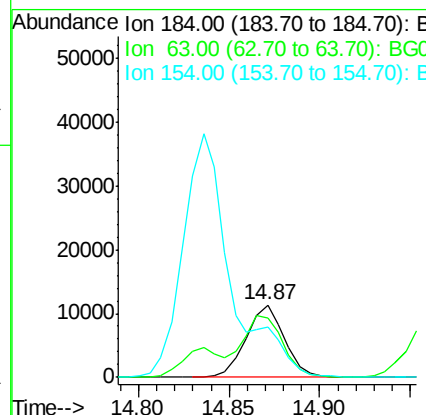
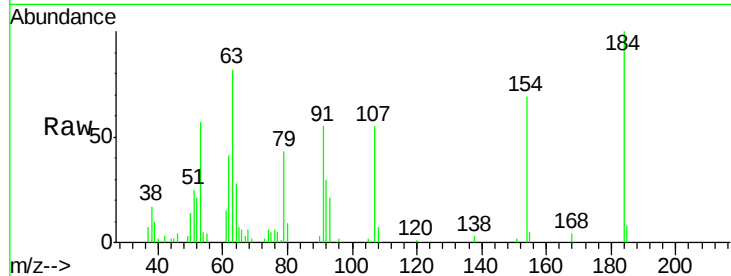




#53
2,4-Dinitrophenol
Concen: 51.46 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.00 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

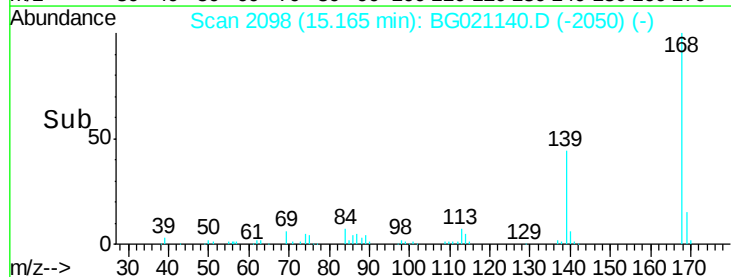
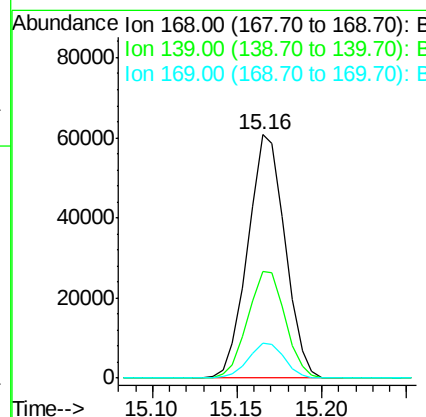
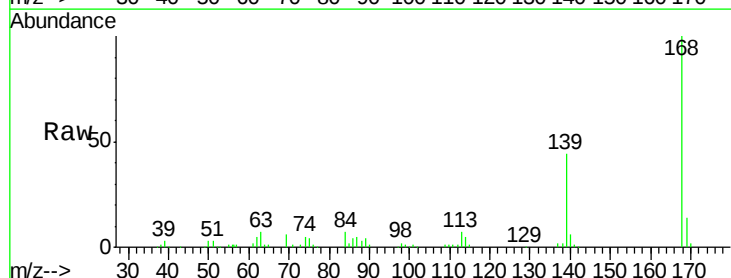
Instrument :
BNA_G
ClientSampleId :
P-02MSD

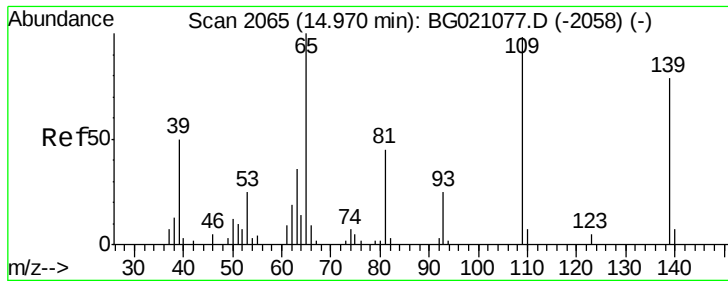
Tgt Ion:184 Resp: 16438
Ion Ratio Lower Upper
184 100
63 82.2 57.0 85.6
154 69.4 51.3 76.9



#54
Dibenzofuran
Concen: 41.33 ng
RT: 15.16 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:168 Resp: 93286
Ion Ratio Lower Upper
168 100
139 44.0 29.8 44.8
169 14.5 11.4 17.2

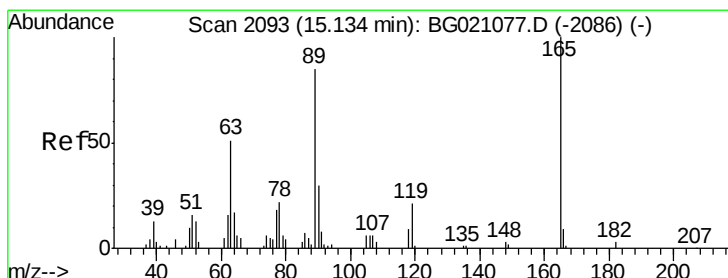
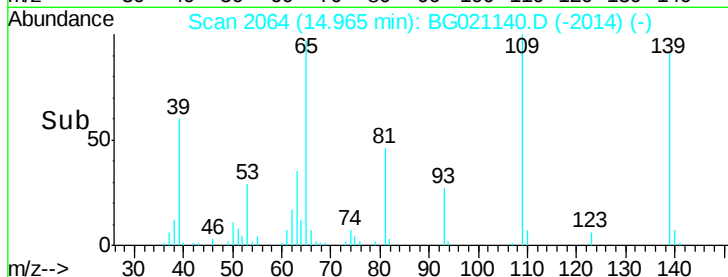
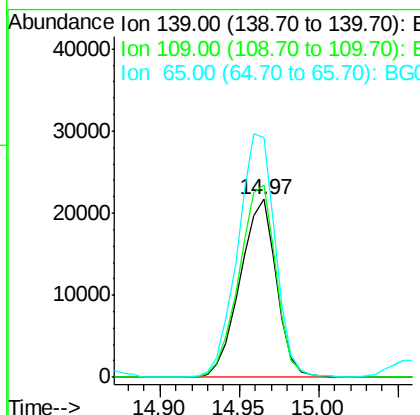
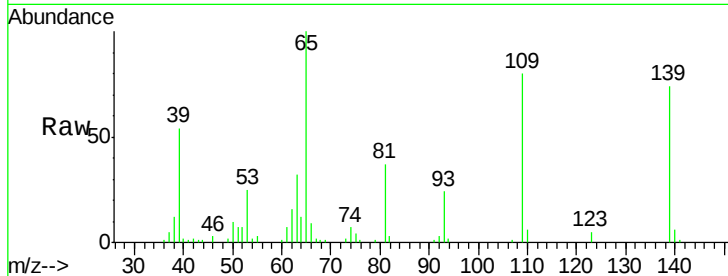




#55
4-Nitrophenol
Concen: 86.85 ng
RT: 14.97 min Scan# 2064
Delta R.T. -0.00 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

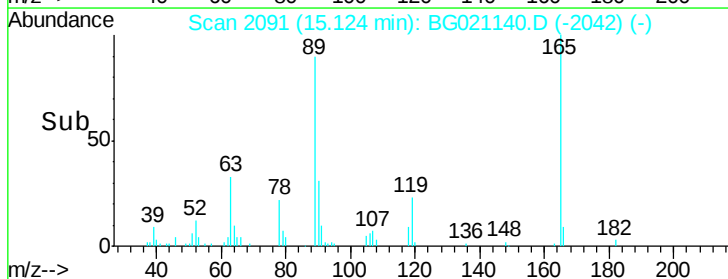
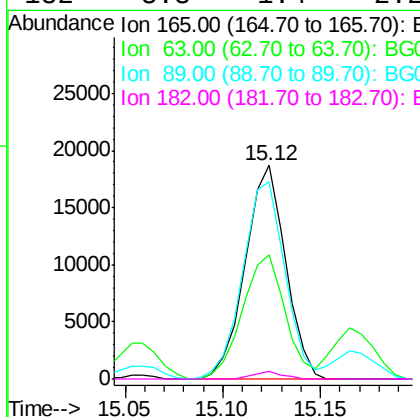
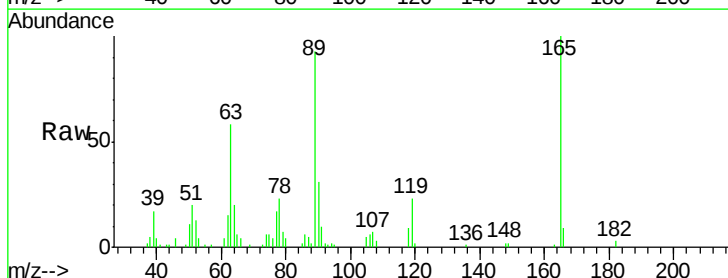
Instrument :
BNA_G
ClientSampleId :
P-02MSD

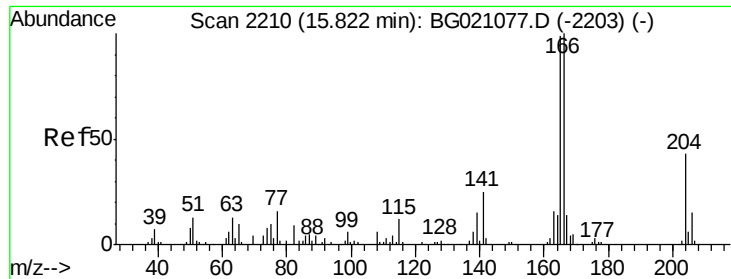
Tgt Ion:139 Resp: 34339
Ion Ratio Lower Upper
139 100
109 108.1 54.1 94.1#
65 134.8 73.4 113.4#



#56
2,4-Dinitrotoluene
Concen: 40.62 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:165 Resp: 26685
Ion Ratio Lower Upper
165 100
63 58.0 34.1 51.1#
89 92.6 63.0 94.4
182 3.3 1.4 2.2#





#57

Fluorene

Concen: 36.83 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

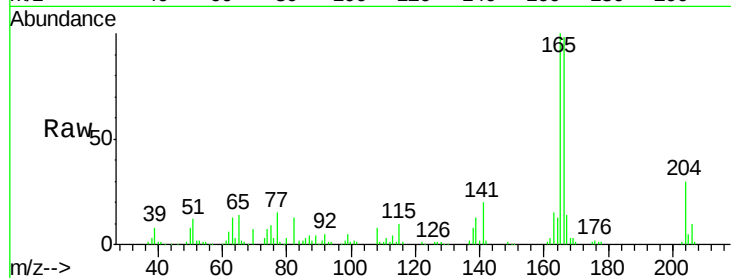
Tgt Ion:166 Resp: 80860

Ion Ratio Lower Upper

166 100

165 102.1 81.3 121.9

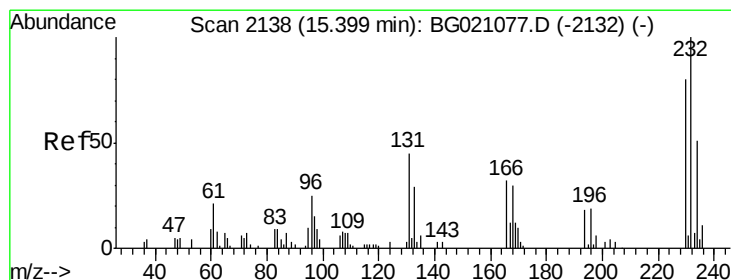
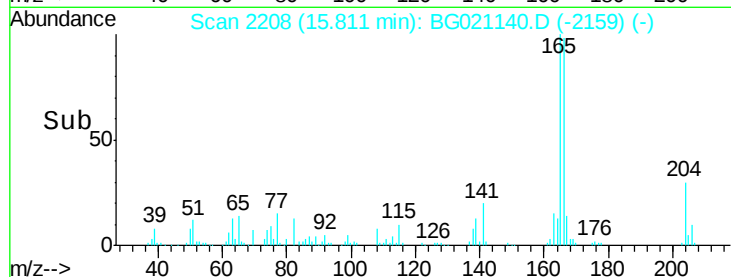
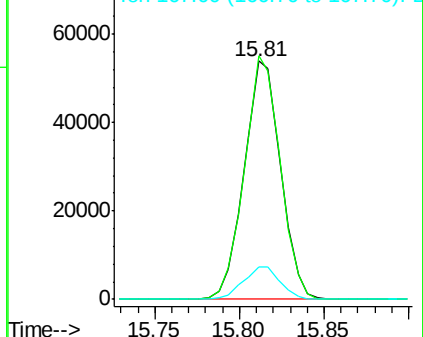
167 13.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.89 ng

RT: 15.39 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Tgt Ion:232 Resp: 21331

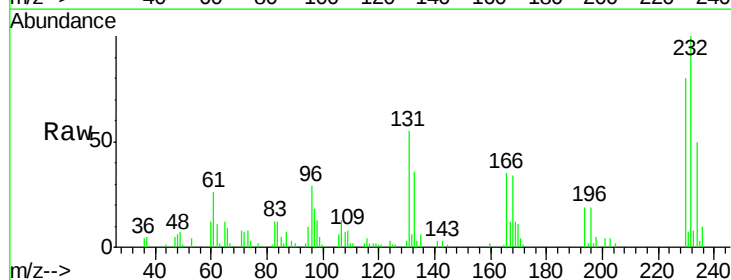
Ion Ratio Lower Upper

232 100

131 57.3 41.4 62.2

130 3.3 1.8 2.8#

166 34.5 26.6 39.8

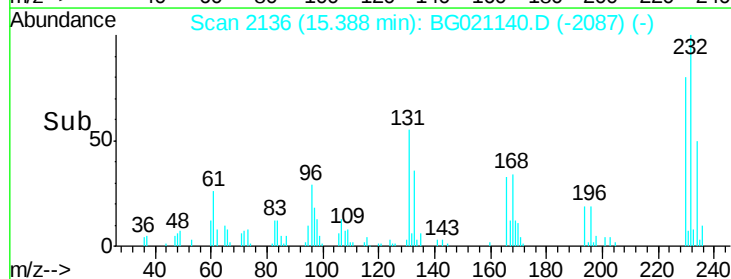
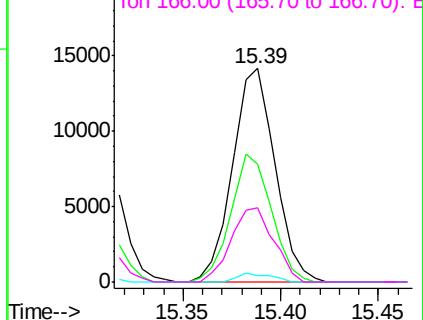


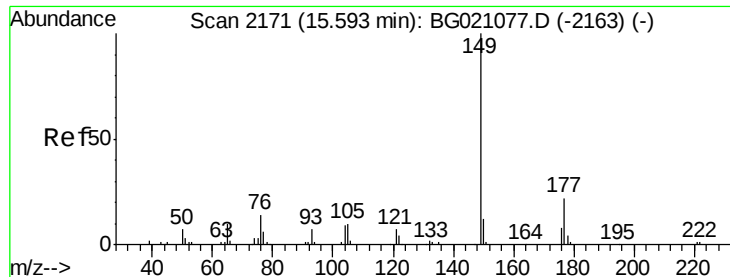
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 38.43 ng

RT: 15.58 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

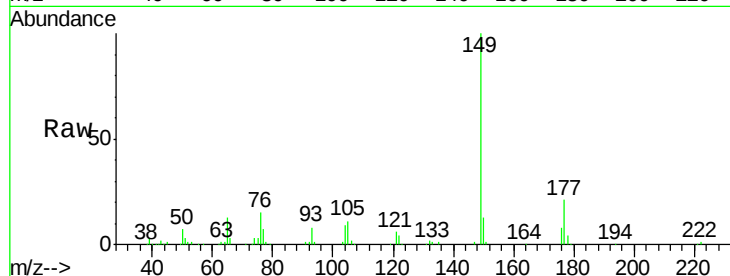
Tgt Ion:149 Resp: 90192

Ion Ratio Lower Upper

149 100

177 20.6 15.8 23.8

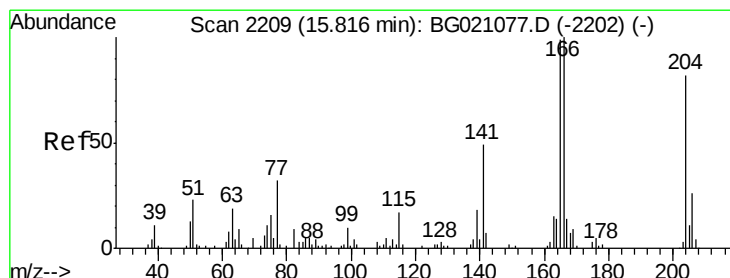
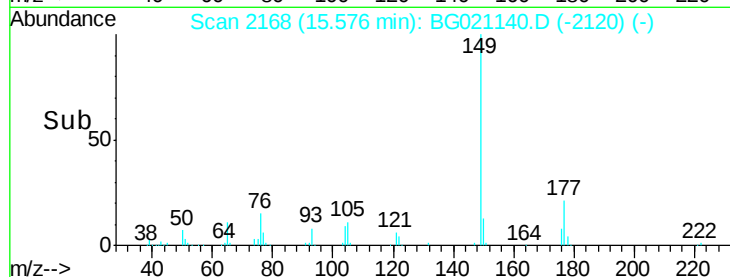
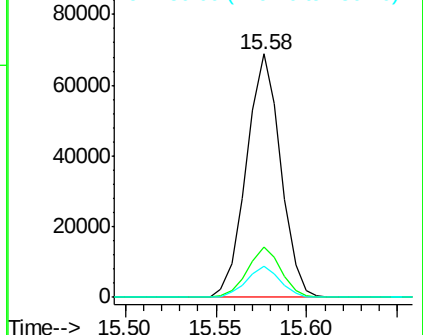
150 12.9 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.40 ng

RT: 15.80 min Scan# 2206

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

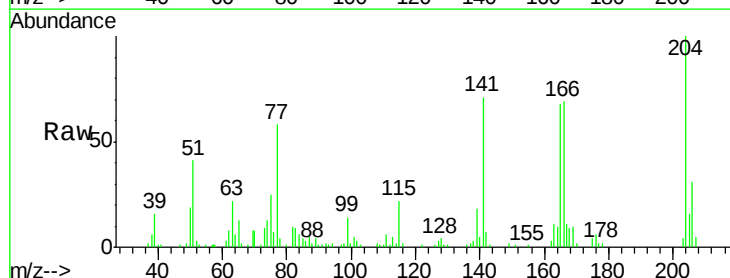
Tgt Ion:204 Resp: 39130

Ion Ratio Lower Upper

204 100

206 31.4 26.9 40.3

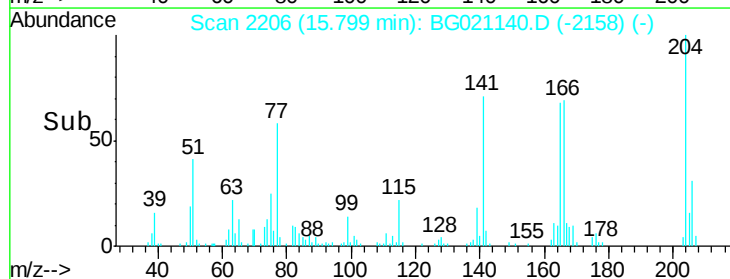
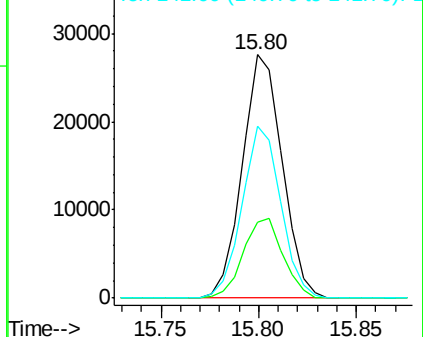
141 70.8 50.8 76.2

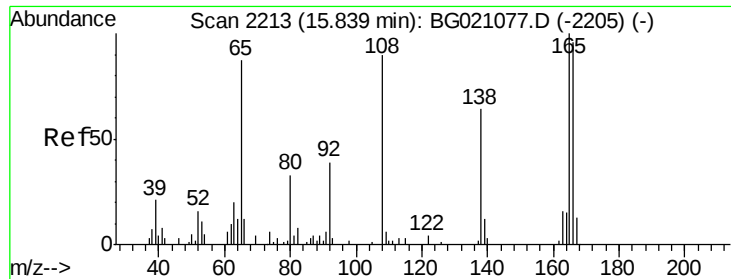


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

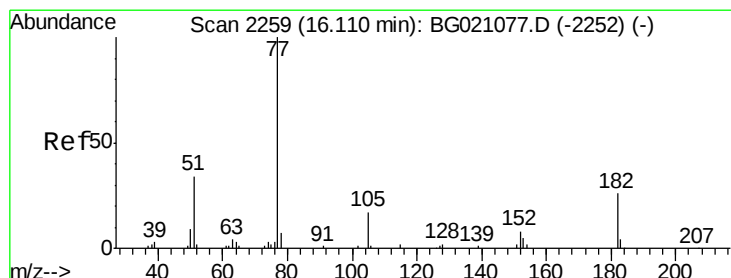
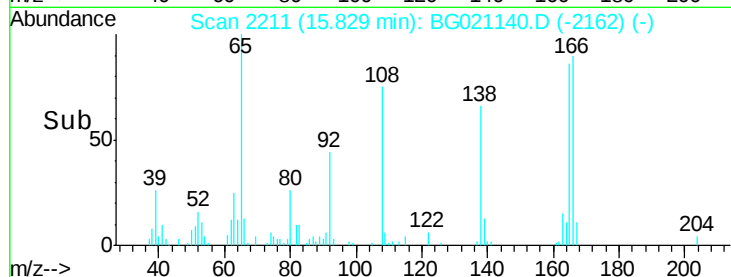
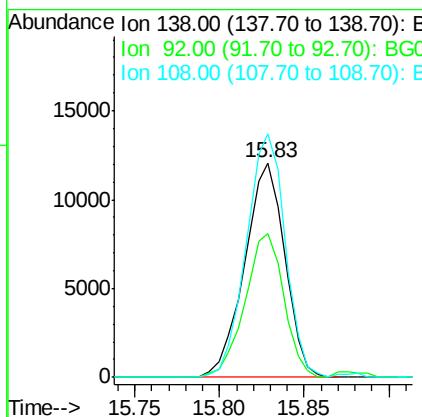
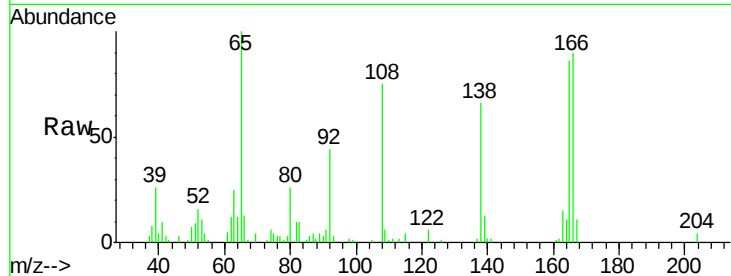




#61
4-Nitroaniline
Concen: 39.43 ng
RT: 15.83 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

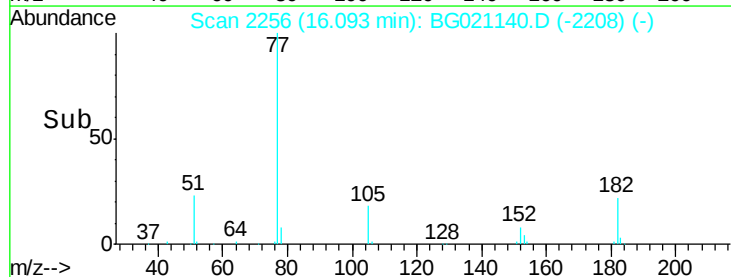
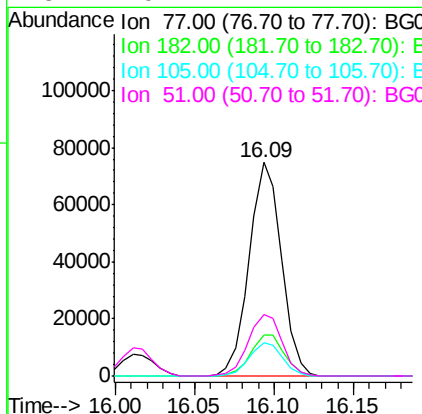
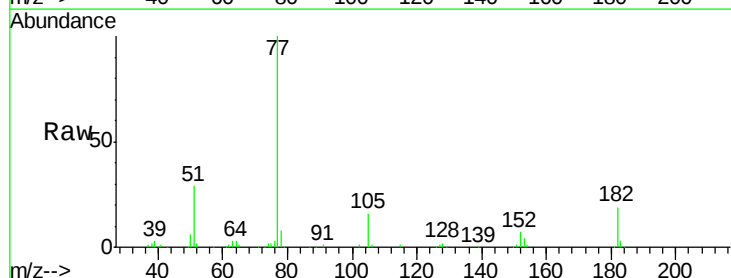
Instrument :
BNA_G
ClientSampleId :
P-02MSD

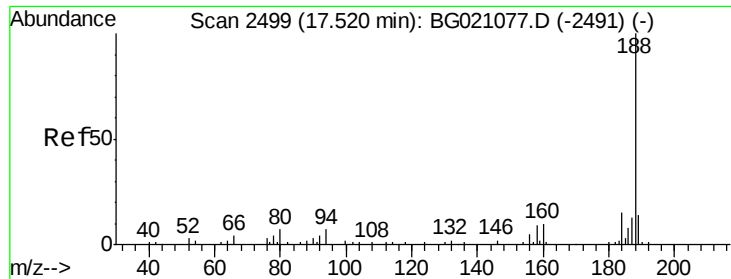
Tgt Ion:138 Resp: 20013
Ion Ratio Lower Upper
138 100
92 66.8 28.0 68.0
108 113.3 52.6 92.6#



#62
Azobenzene
Concen: 51.99 ng
RT: 16.09 min Scan# 2256
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion: 77 Resp: 105703
Ion Ratio Lower Upper
77 100
182 19.4 0.7 40.7
105 15.7 0.0 38.3
51 29.1 4.4 44.4

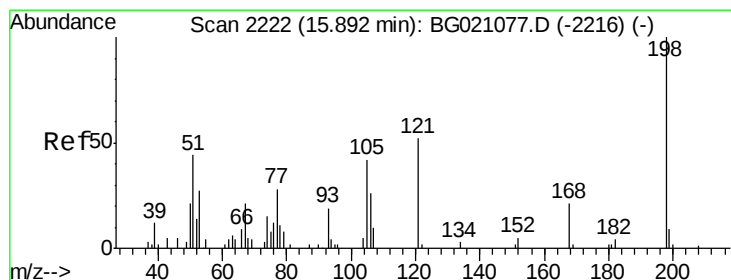
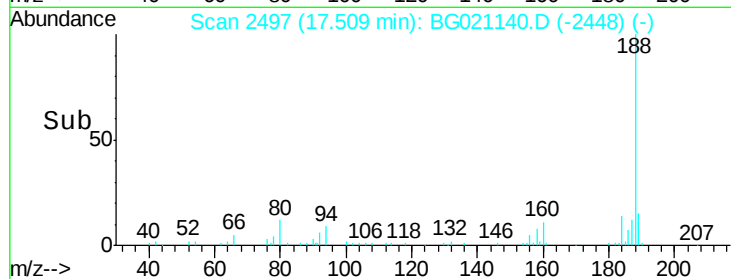
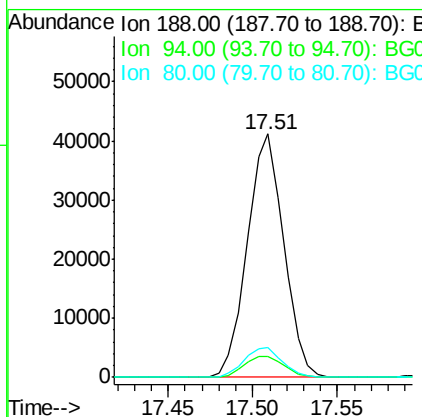
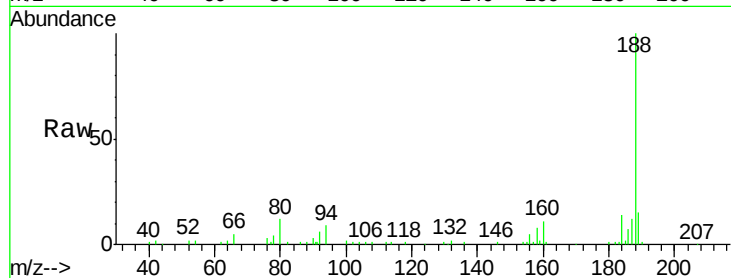




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.51 min Scan# 2497
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

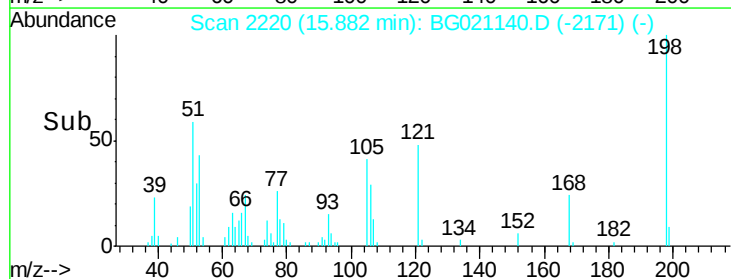
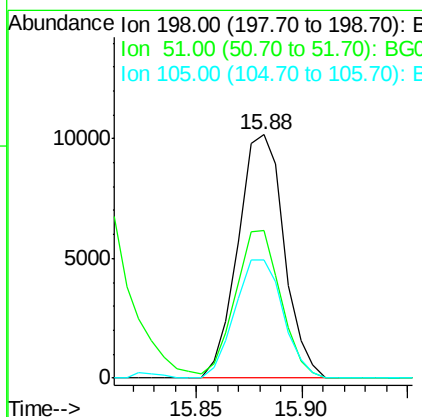
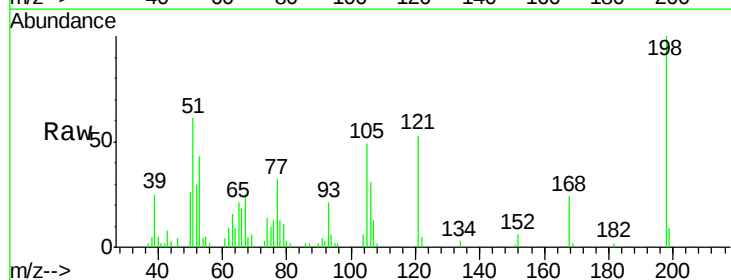
Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

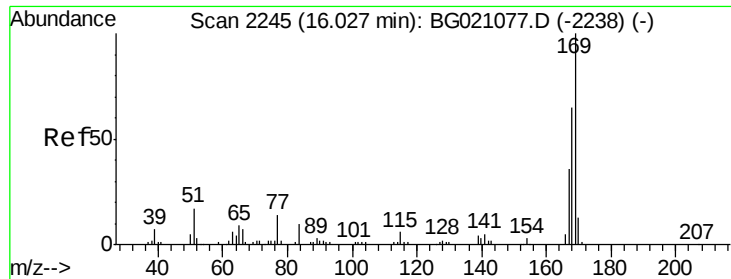
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	12.1	9.2	13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 34.02 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
198	100		
51	60.6	30.4	70.4
105	48.8	32.8	72.8

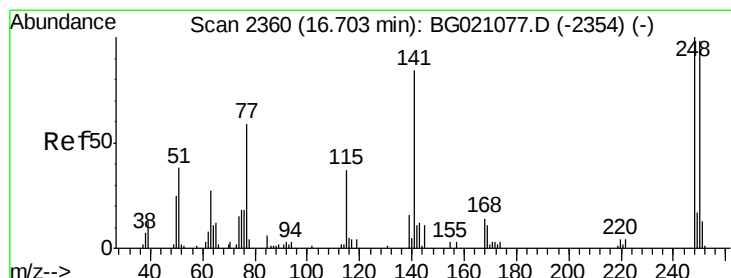
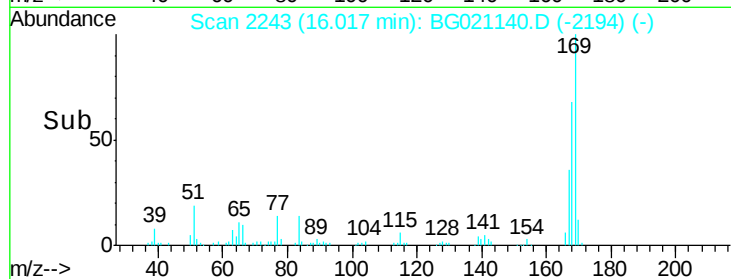
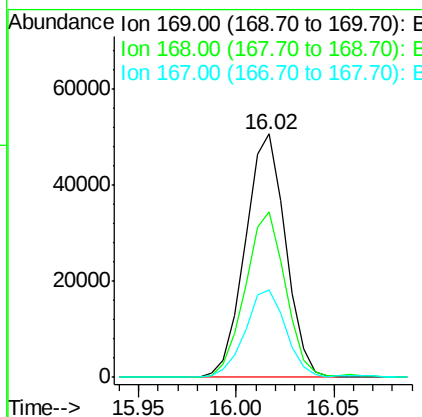
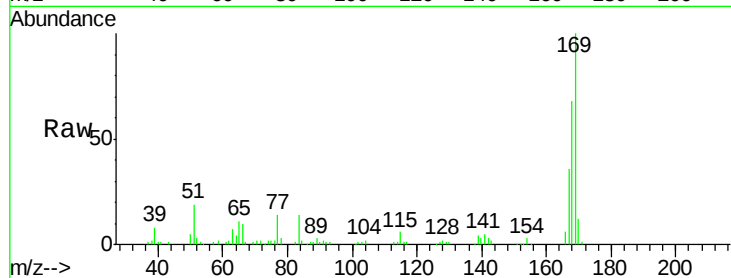




#65
 n-Nitrosodiphenylamine
 Concen: 39.62 ng
 RT: 16.02 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

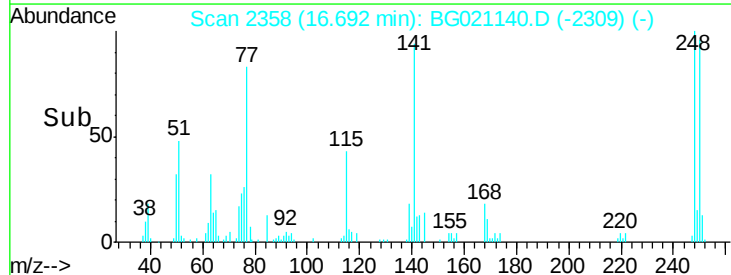
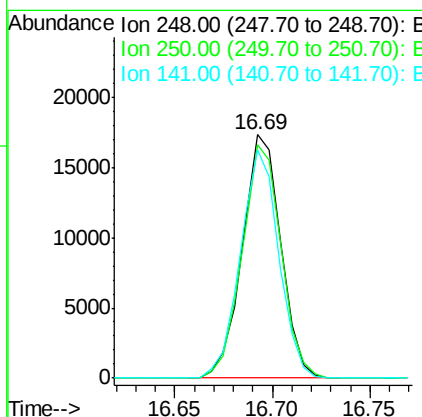
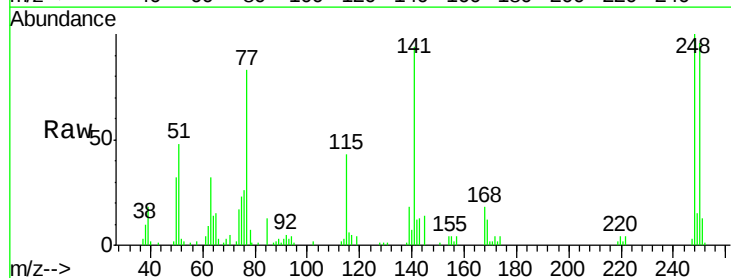
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

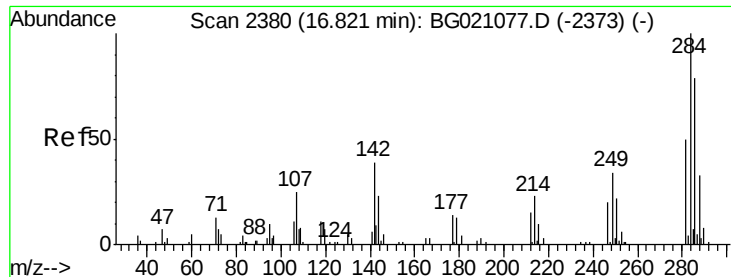
Tgt Ion:169 Resp: 72174
 Ion Ratio Lower Upper
 169 100
 168 67.8 58.2 87.2
 167 35.9 31.0 46.6



#66
 4-Bromophenyl-phenylether
 Concen: 32.54 ng
 RT: 16.69 min Scan# 2358
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:248 Resp: 23658
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.4 114.6
 141 93.8 57.4 86.0#

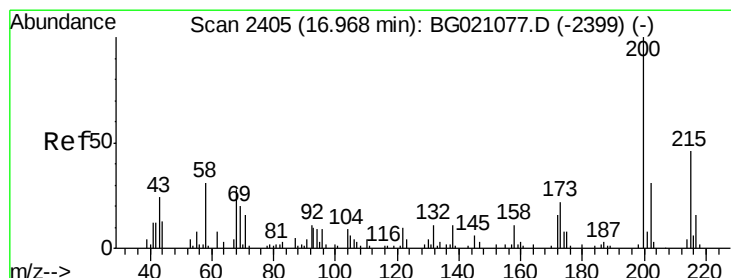
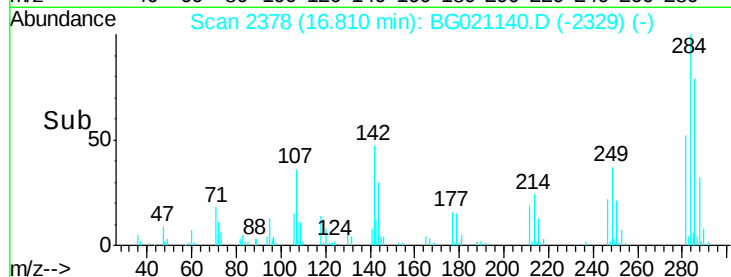
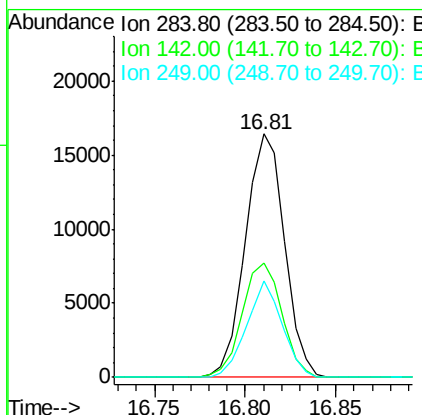
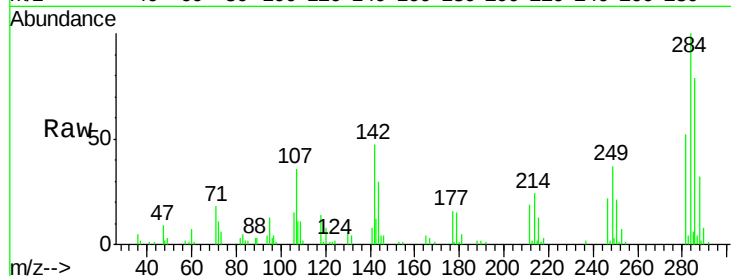




#67
Hexachlorobenzene
Concen: 32.16 ng
RT: 16.81 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

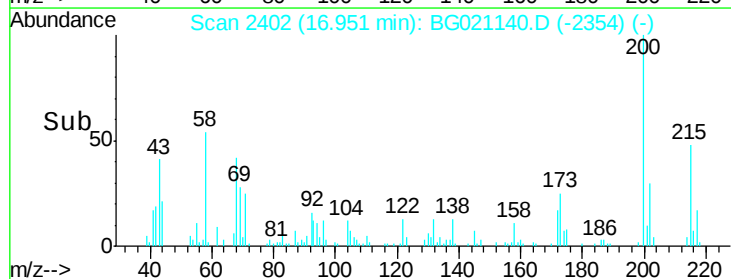
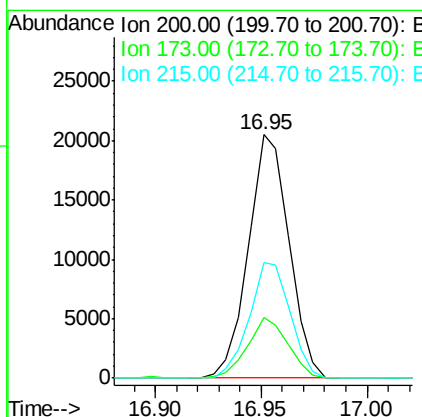
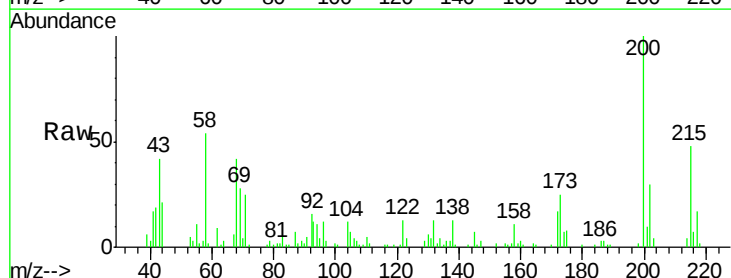
Instrument :
BNA_G
ClientSampleId :
P-02MSD

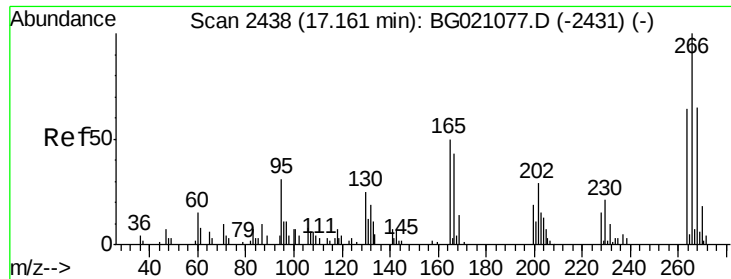
Tgt Ion:284 Resp: 24664
Ion Ratio Lower Upper
284 100
142 46.9 32.1 48.1
249 39.8 24.0 36.0#



#68
Atrazine
Concen: 40.53 ng
RT: 16.95 min Scan# 2402
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:200 Resp: 27356
Ion Ratio Lower Upper
200 100
173 24.7 3.9 43.9
215 47.6 29.0 69.0

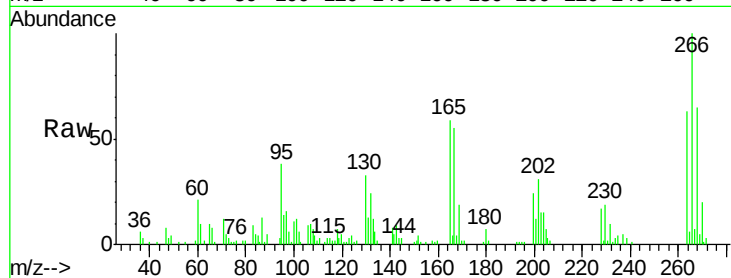




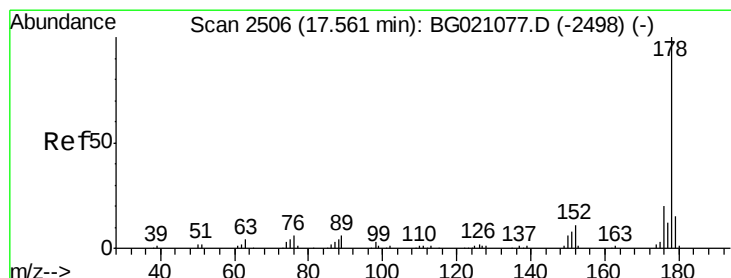
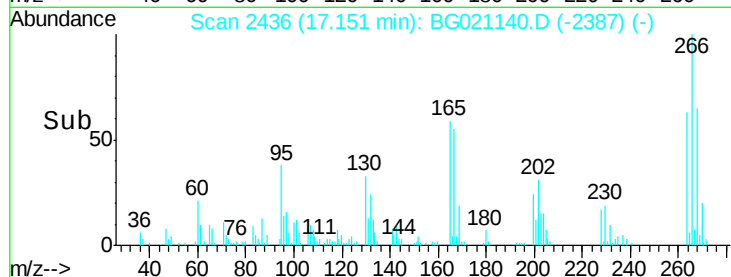
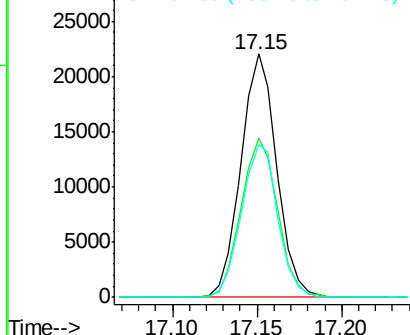
#69
 Pentachlorophenol
 Concen: 62.76 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

Tgt Ion:266 Resp: 32492
 Ion Ratio Lower Upper
 266 100
 268 69.9 51.0 76.6
 264 68.0 47.8 71.8

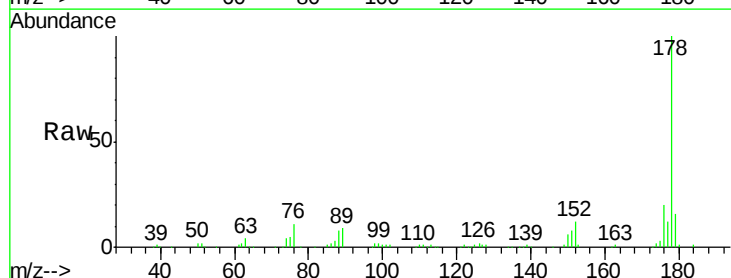


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

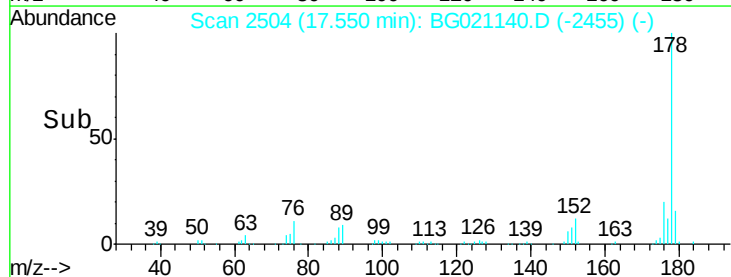
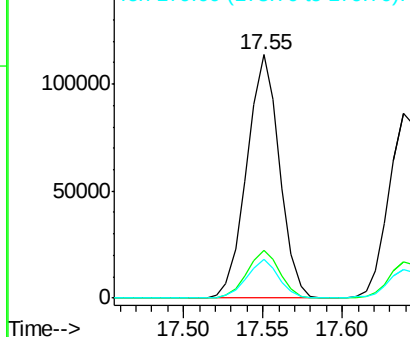


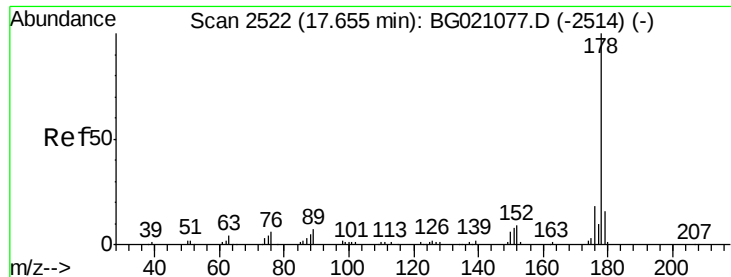
#70
 Phenanthrene
 Concen: 48.96 ng
 RT: 17.55 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:178 Resp: 162661
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.2 24.4
 179 15.9 12.9 19.3



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

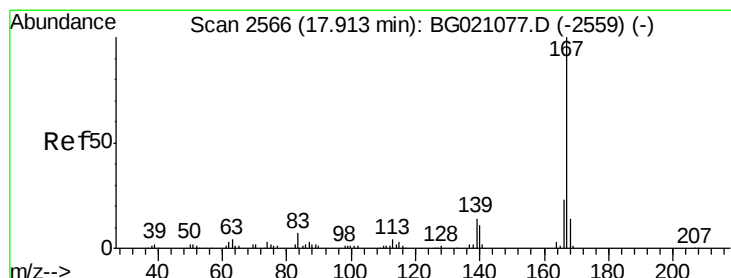
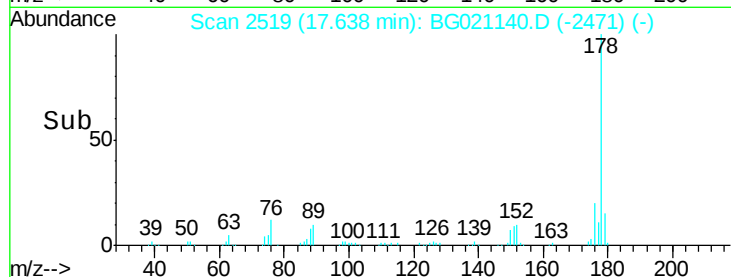
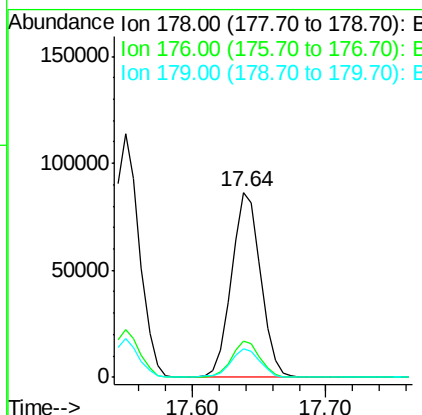
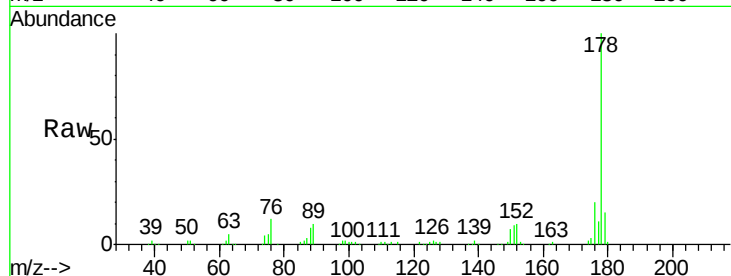




#71
 Anthracene
 Concen: 39.28 ng
 RT: 17.64 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

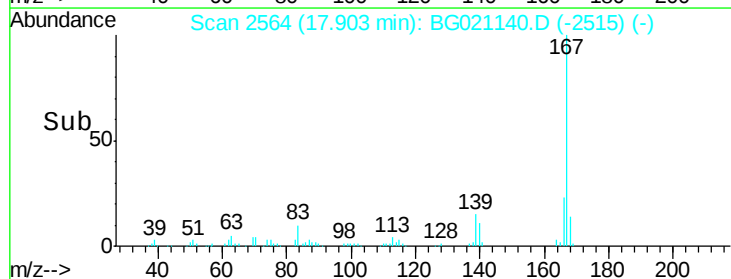
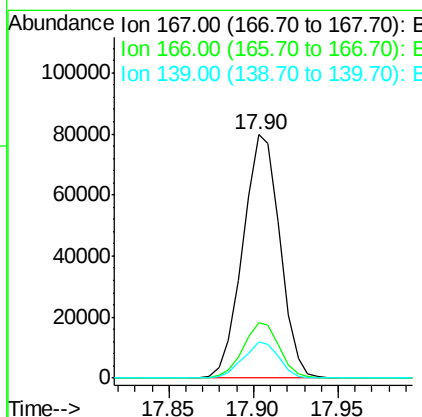
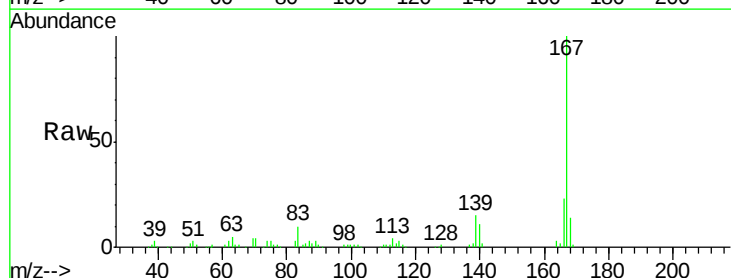
Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

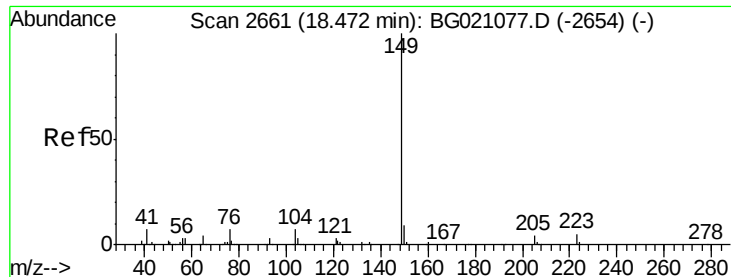
Tgt Ion:178 Resp: 131423
 Ion Ratio Lower Upper
 178 100
 176 19.9 14.8 22.2
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 42.08 ng
 RT: 17.90 min Scan# 2564
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:167 Resp: 121555
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.5 26.3
 139 15.0 10.3 15.5





#73

Di-n-butylphthalate

Concen: 41.26 ng

RT: 18.46 min Scan# 2658

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

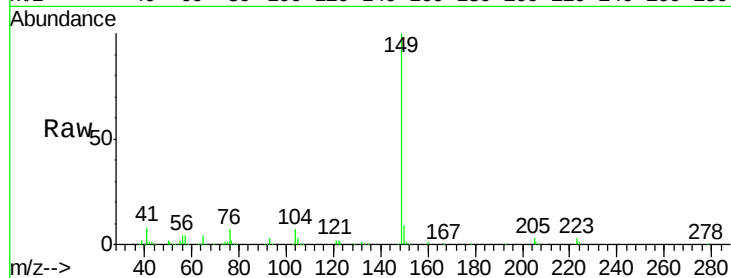
Tgt Ion:149 Resp: 157123

Ion Ratio Lower Upper

149 100

150 8.9 7.6 11.4

104 6.8 4.1 6.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

150000

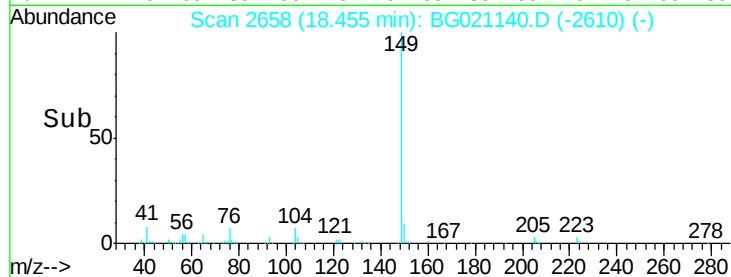
100000

50000

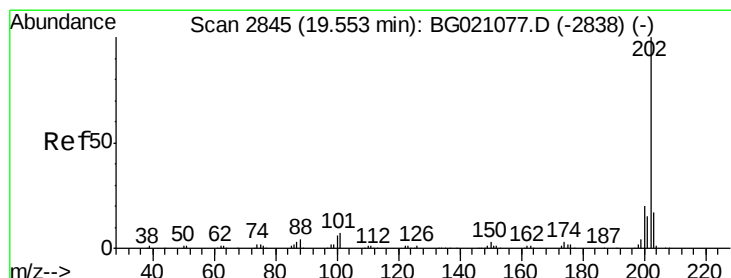
0

18.46

18.40 18.45 18.50



Time-->



#74

Fluoranthene

Concen: 52.03 ng

RT: 19.54 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

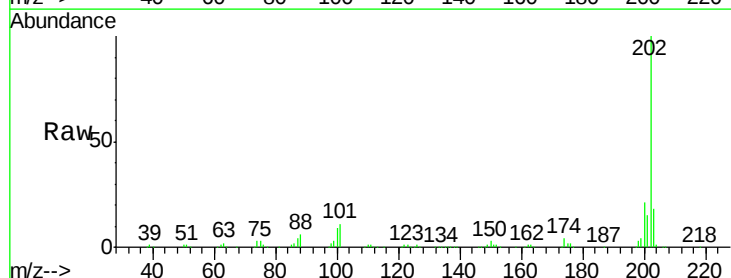
Tgt Ion:202 Resp: 216834

Ion Ratio Lower Upper

202 100

101 11.2 0.0 32.5

203 17.6 0.0 37.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

200000

150000

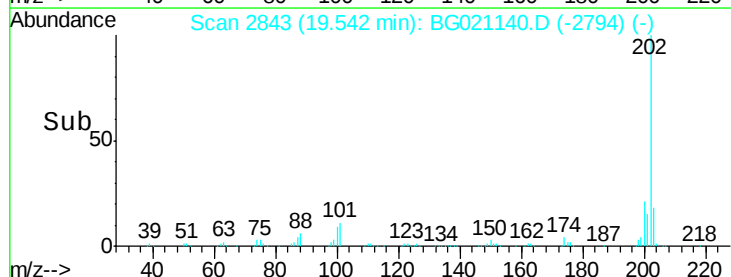
100000

50000

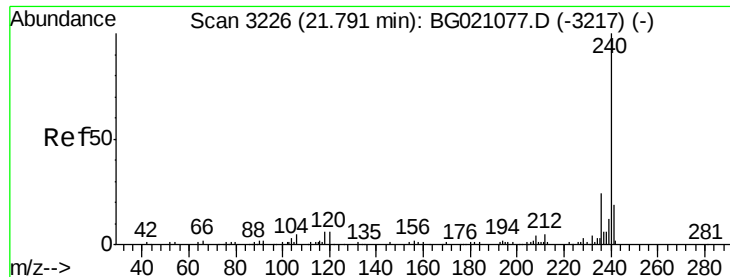
0

19.54

19.50 19.55 19.60



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

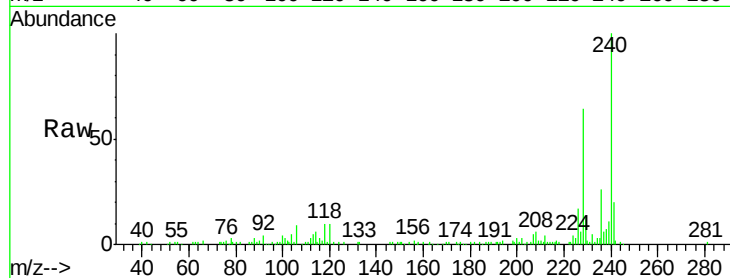
Tgt Ion:240 Resp: 64264

Ion Ratio Lower Upper

240 100

120 10.0 7.5 11.3

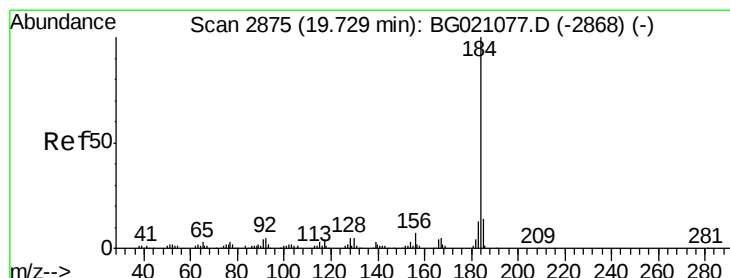
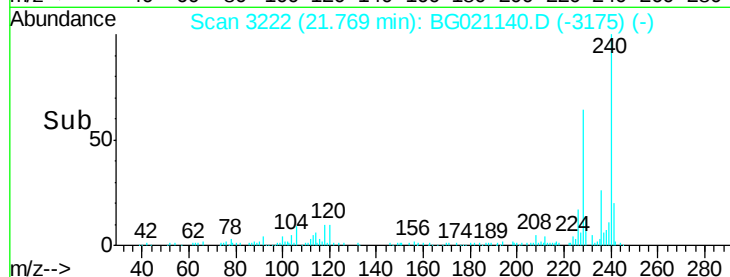
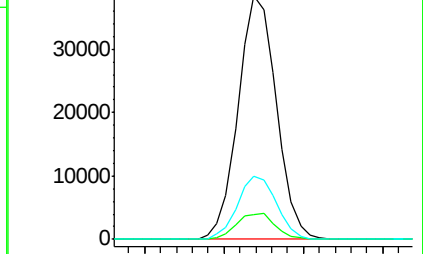
236 25.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.05 ng

RT: 19.72 min Scan# 2873

Delta R.T. -0.01 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

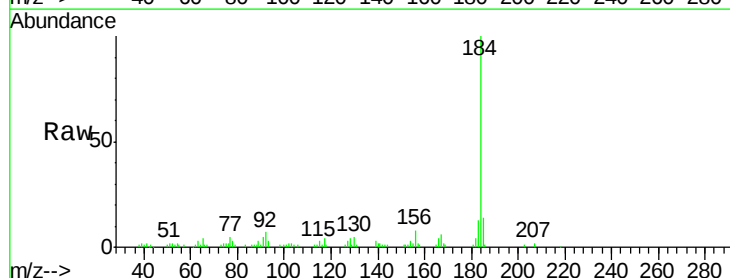
Tgt Ion:184 Resp: 45737

Ion Ratio Lower Upper

184 100

185 14.4 11.5 17.3

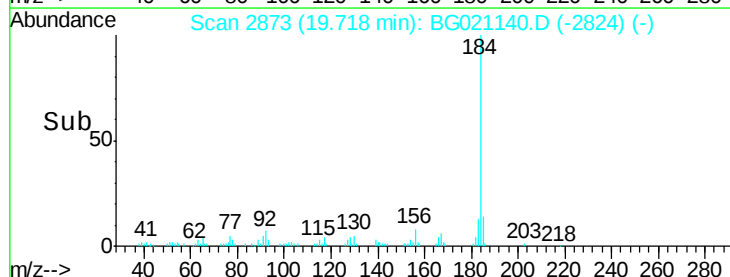
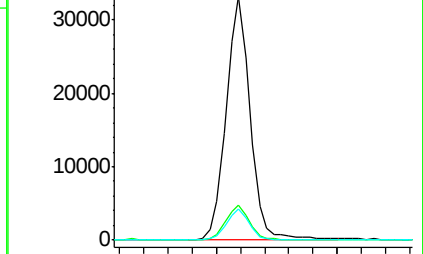
183 12.9 10.1 15.1

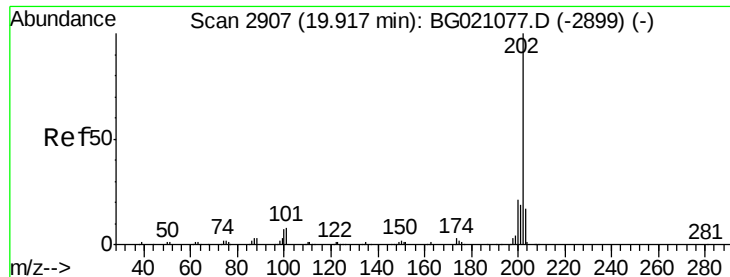


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

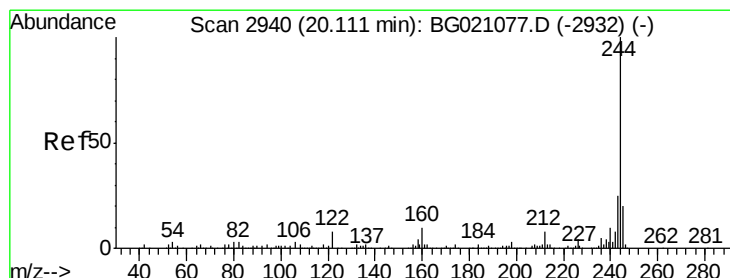
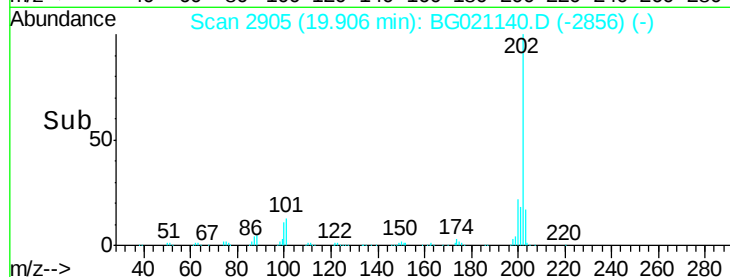
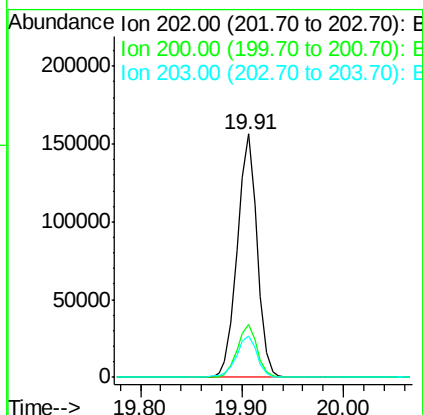
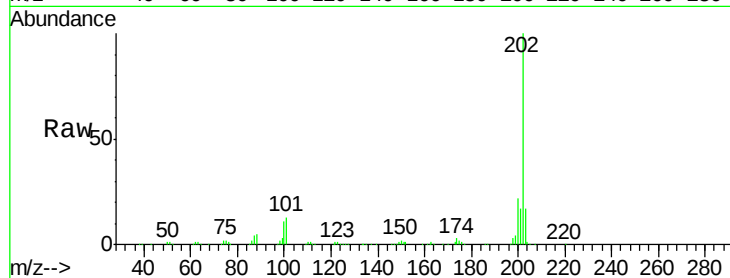




#77
 Pyrene
 Concen: 59.65 ng
 RT: 19.91 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

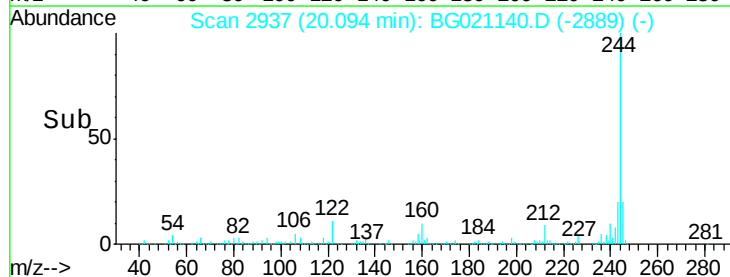
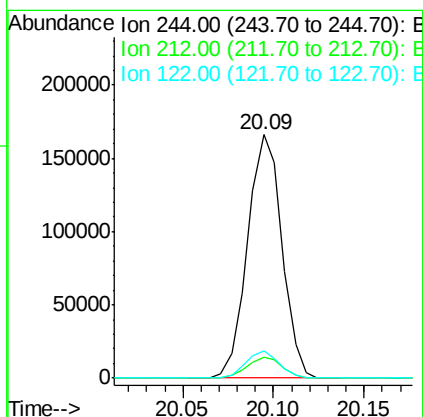
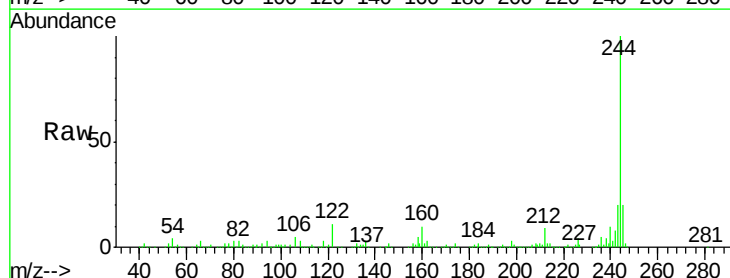
Instrument :
 BNA_G
 ClientSampleId :
 P-02MSD

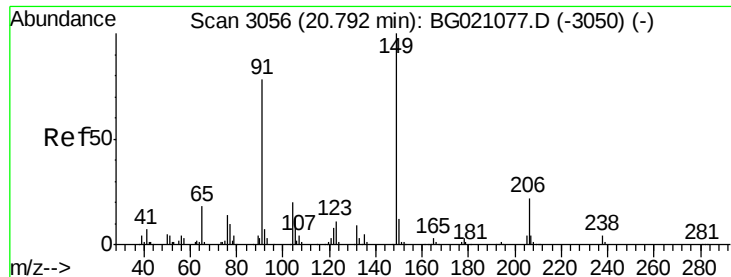
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.9	16.6	25.0
203	17.1	13.8	20.8



#78
 Terphenyl-d14
 Concen: 79.56 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.6#
122	11.4	8.3	12.5

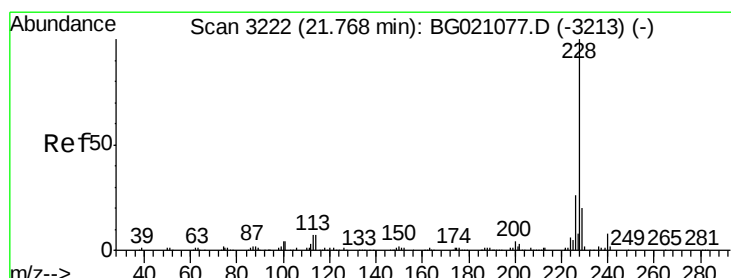
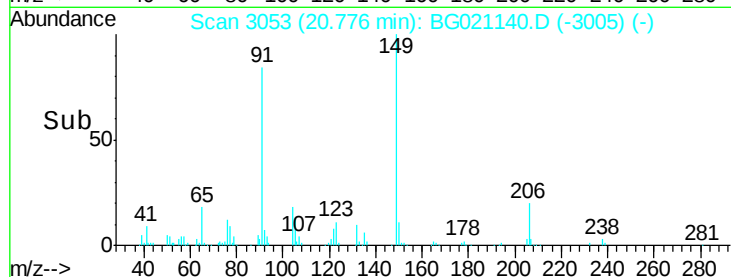
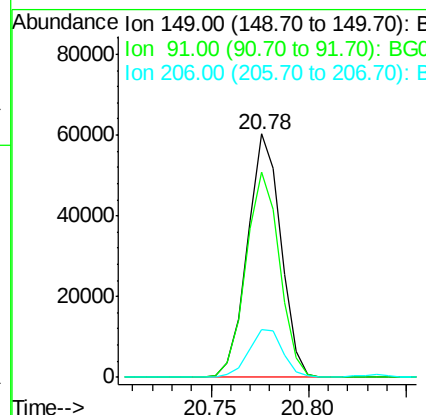
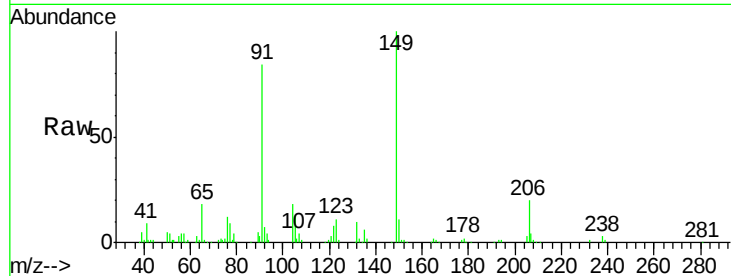




#79
Butylbenzylphthalate
Concen: 48.01 ng
RT: 20.78 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

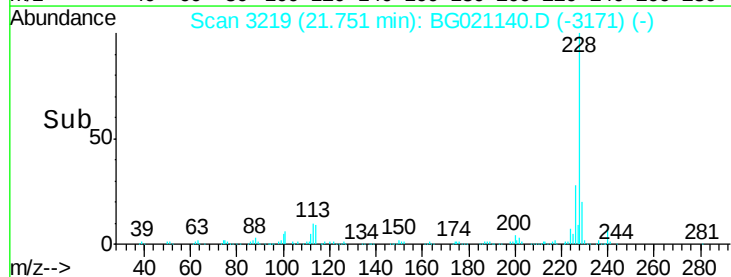
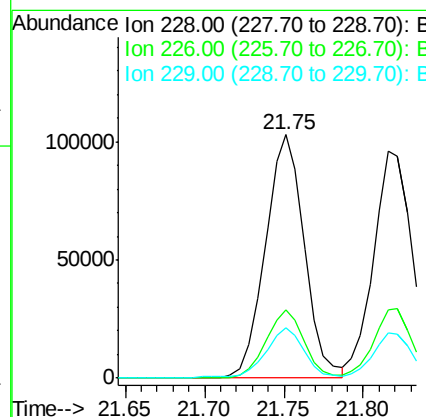
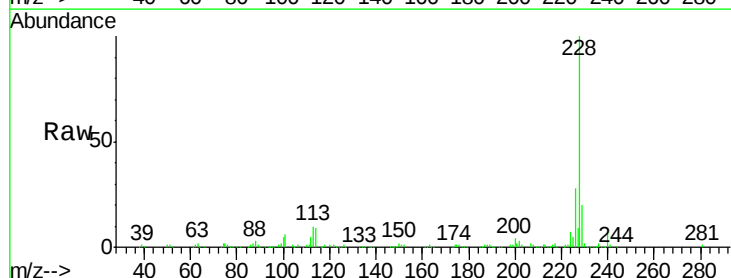
Instrument :
BNA_G
ClientSampleId :
P-02MSD

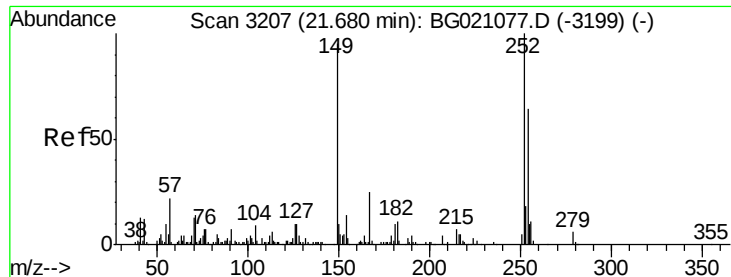
Tgt Ion:149 Resp: 71296
Ion Ratio Lower Upper
149 100
91 84.1 58.6 87.8
206 19.6 14.2 21.4



#80
Benzo(a)anthracene
Concen: 47.57 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.02 min
Lab File: BG021140.D
Acq: 28 Feb 2016 7:27

Tgt Ion:228 Resp: 175909
Ion Ratio Lower Upper
228 100
226 27.8 22.7 34.1
229 20.4 15.5 23.3

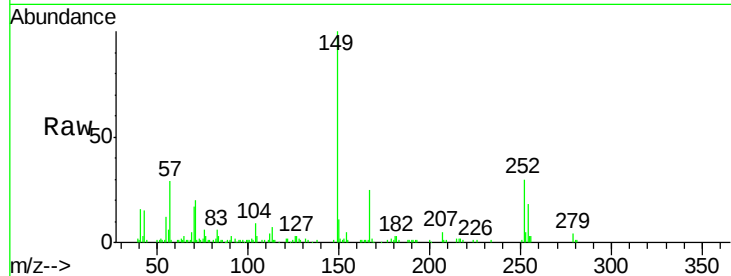




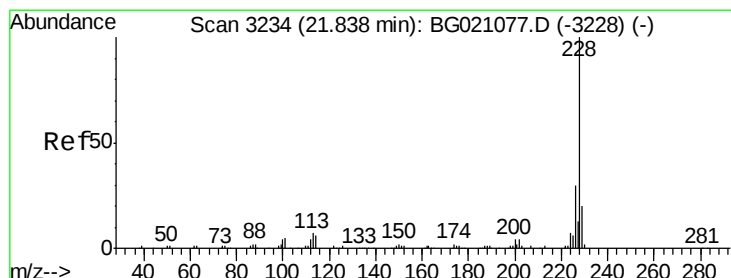
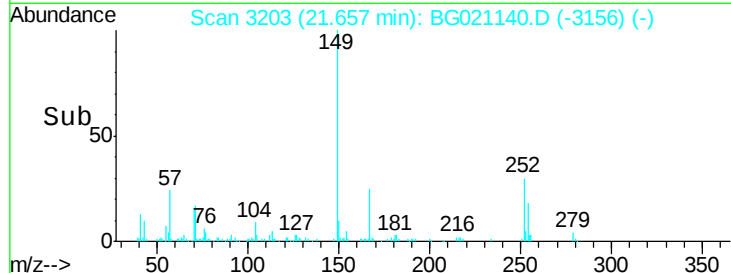
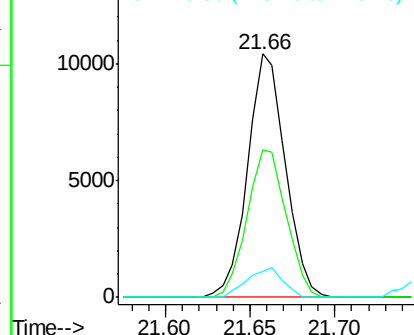
#81
 3,3'-Dichlorobenzidine
 Concen: 11.20 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Instrument :
 BNA_G
 ClientSampled :
 P-02MSD

Tgt Ion:252 Resp: 16207
 Ion Ratio Lower Upper
 252 100
 254 60.6 52.6 79.0
 126 10.4 8.3 12.5

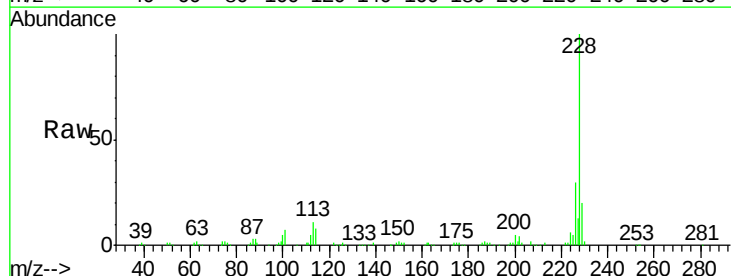


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

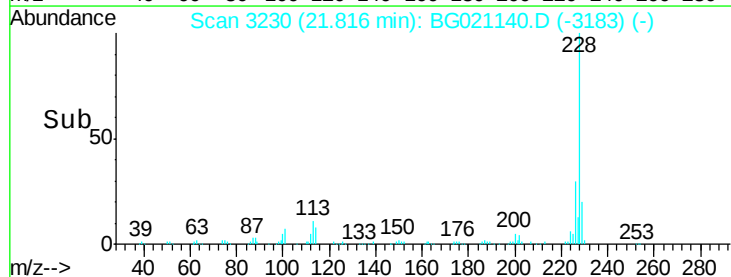
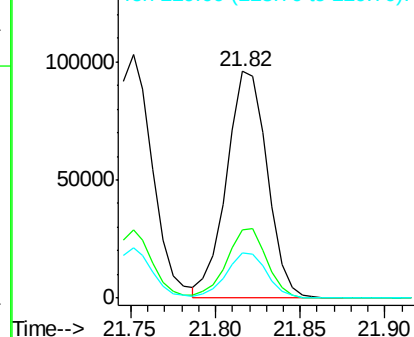


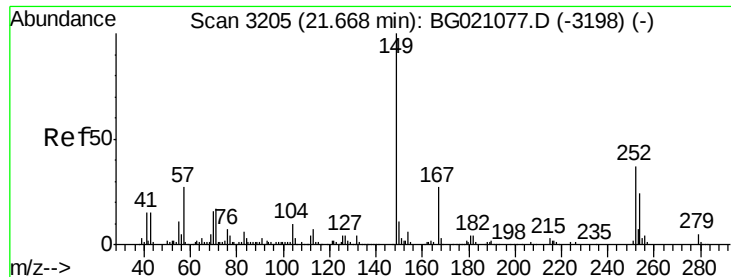
#82
 Chrysene
 Concen: 45.15 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.02 min
 Lab File: BG021140.D
 Acq: 28 Feb 2016 7:27

Tgt Ion:228 Resp: 160762
 Ion Ratio Lower Upper
 228 100
 226 30.0 23.7 35.5
 229 19.8 16.7 25.1



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.30 ng

RT: 21.65 min Scan# 3201

Delta R.T. -0.02 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

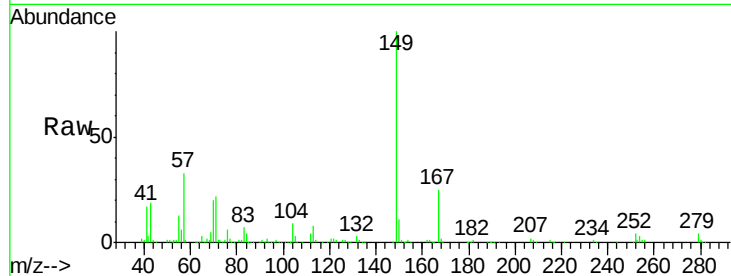
Tgt Ion:149 Resp: 106177

Ion Ratio Lower Upper

149 100

167 24.8 18.9 28.3

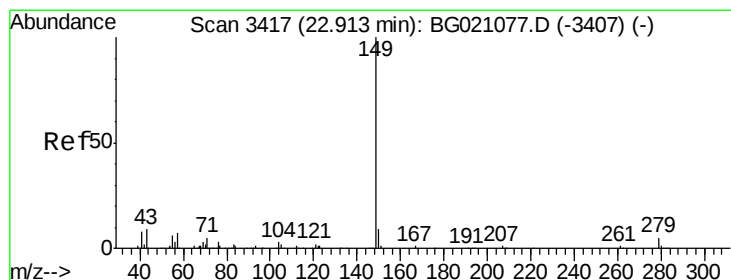
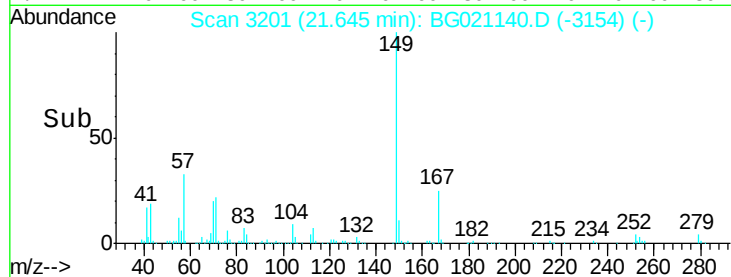
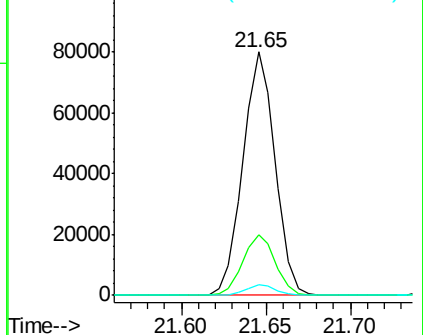
279 4.2 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.50 ng

RT: 22.88 min Scan# 3411

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

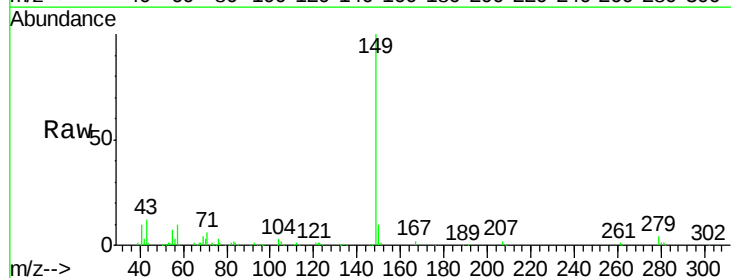
Tgt Ion:149 Resp: 178723

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

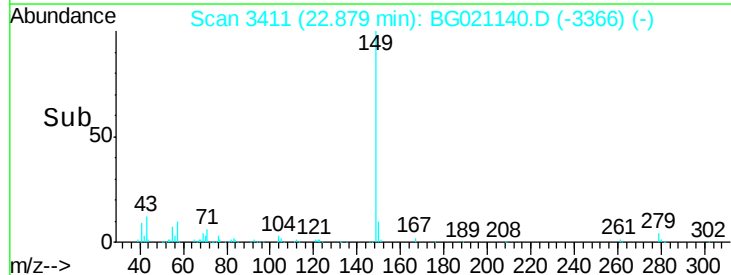
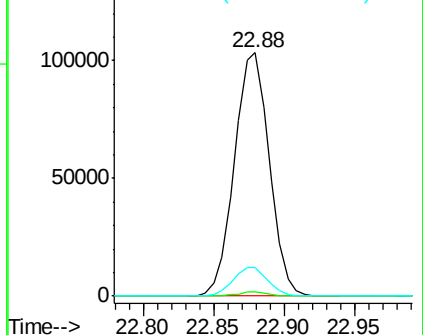
43 11.9 9.8 14.8

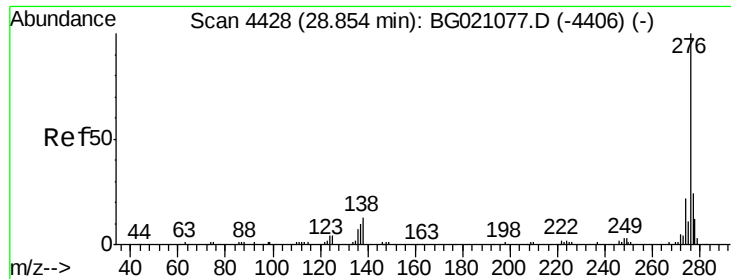


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.48 ng

RT: 28.80 min Scan# 4418

Delta R.T. -0.06 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

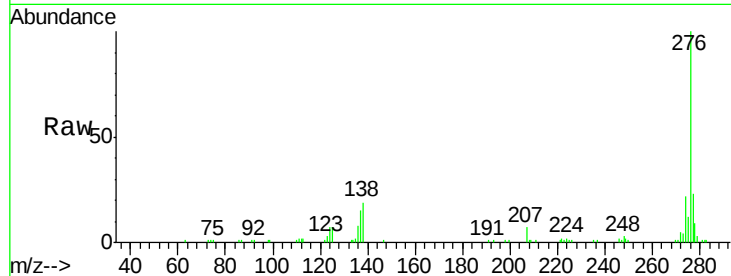
Tgt Ion:276 Resp: 169515

Ion Ratio Lower Upper

276 100

138 24.2 0.0 0.0#

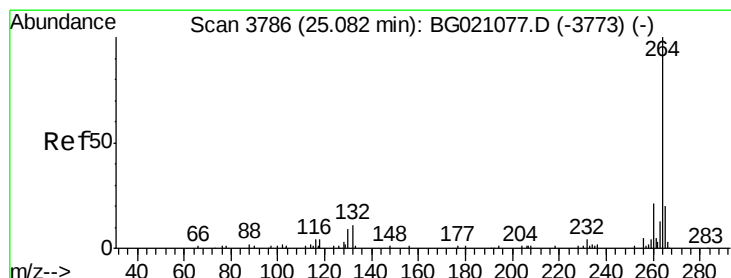
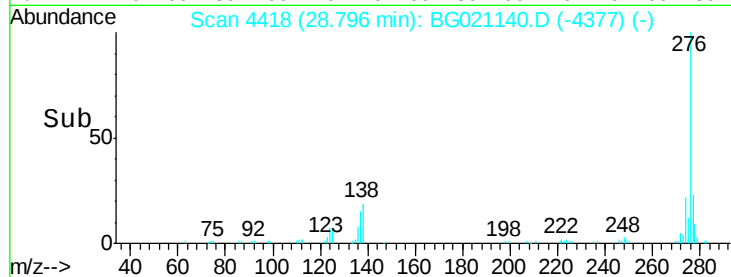
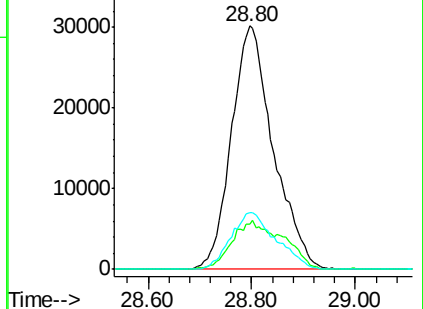
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

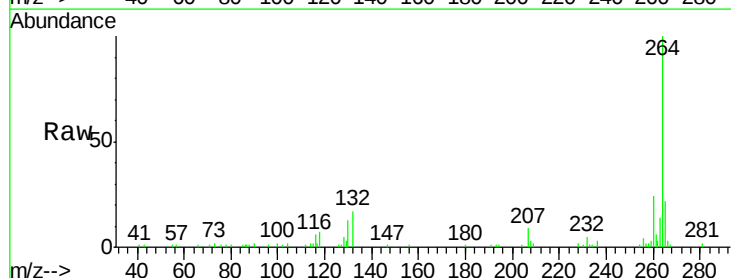
Tgt Ion:264 Resp: 59153

Ion Ratio Lower Upper

264 100

260 23.9 18.5 27.7

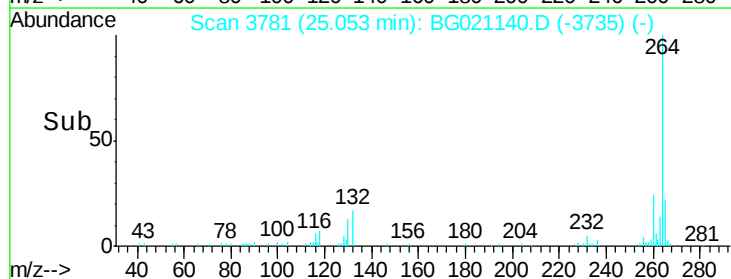
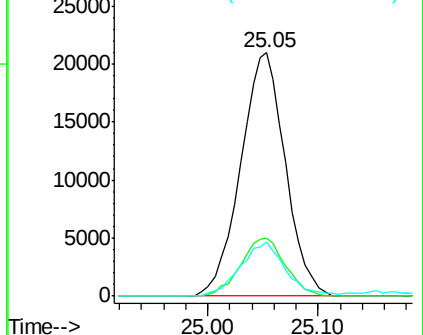
265 22.3 18.6 28.0

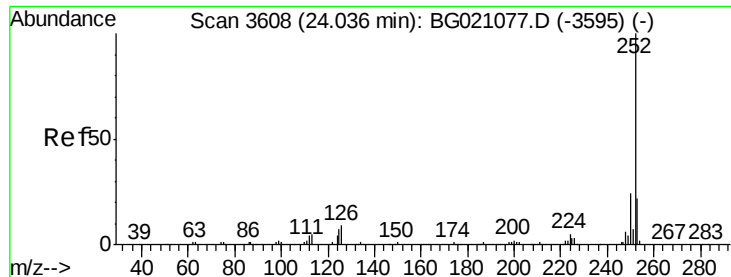


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 48.02 ng

RT: 24.01 min Scan# 3603

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

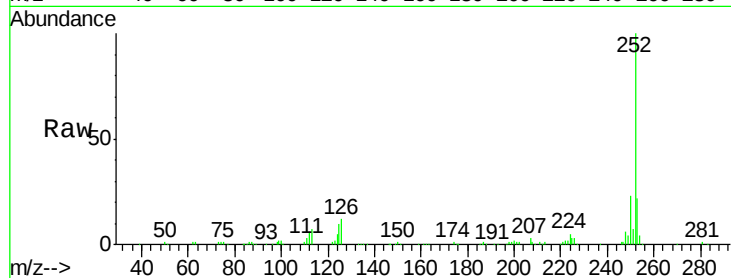
Tgt Ion:252 Resp: 177541

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

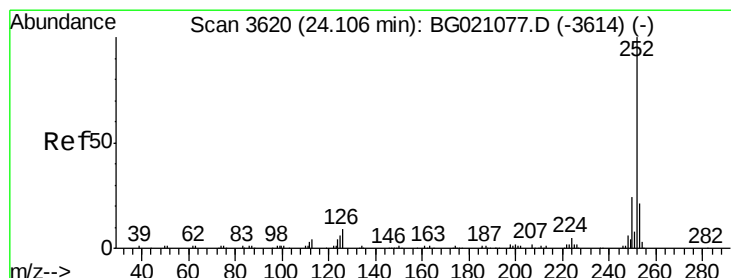
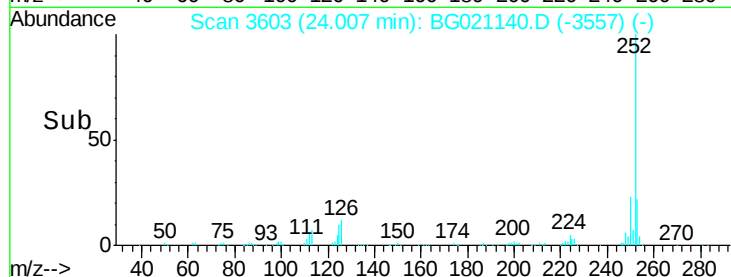
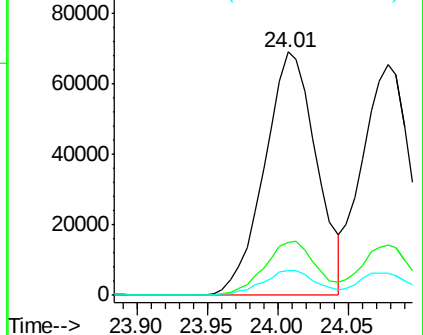
125 10.0 8.2 12.2



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: 42.67 ng

RT: 24.08 min Scan# 3615

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

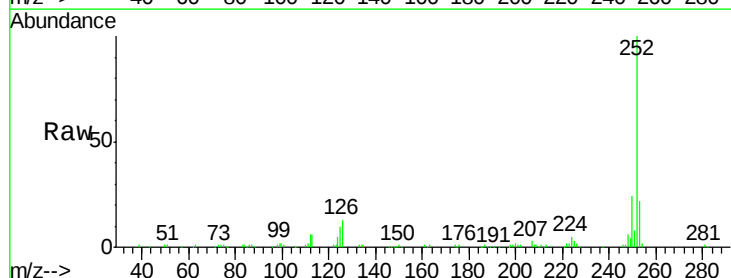
Tgt Ion:252 Resp: 155533

Ion Ratio Lower Upper

252 100

253 22.0 16.4 24.6

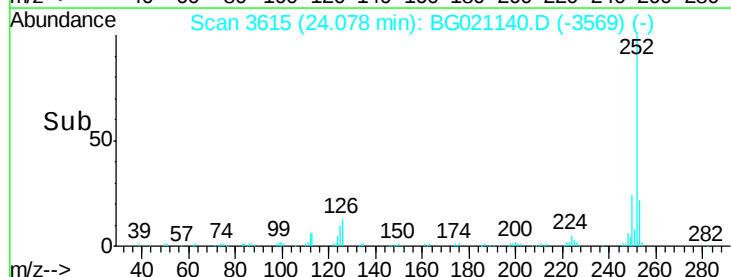
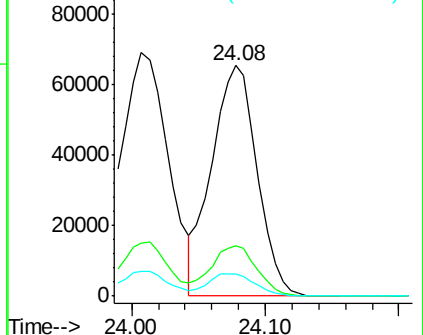
125 9.7 8.2 12.2

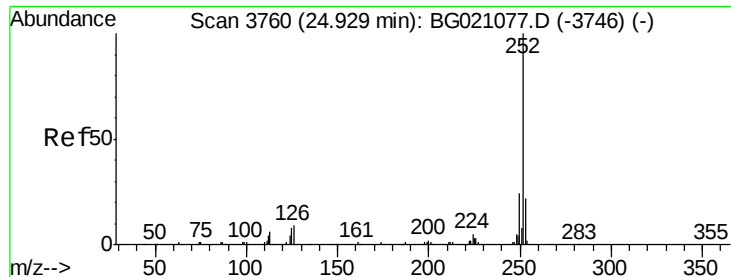


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.69 ng

RT: 24.89 min Scan# 3754

Delta R.T. -0.03 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD

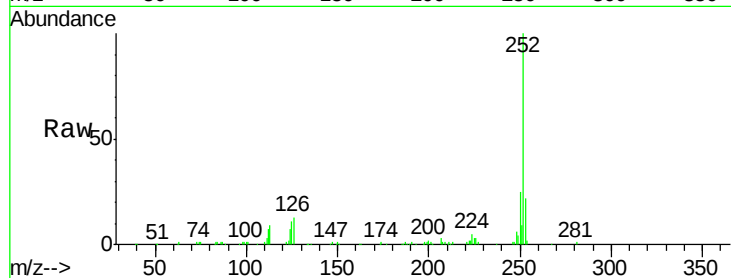
Tgt Ion:252 Resp: 158608

Ion Ratio Lower Upper

252 100

253 22.5 15.8 23.8

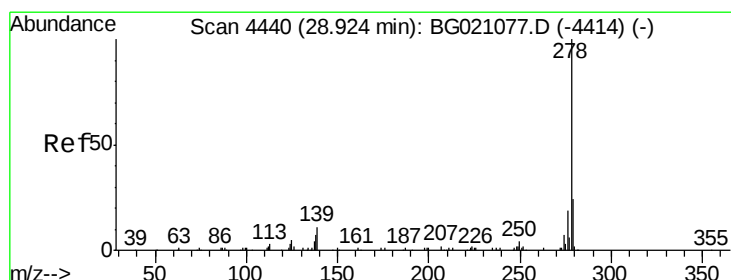
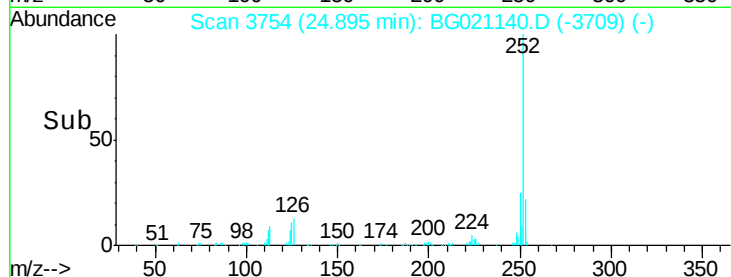
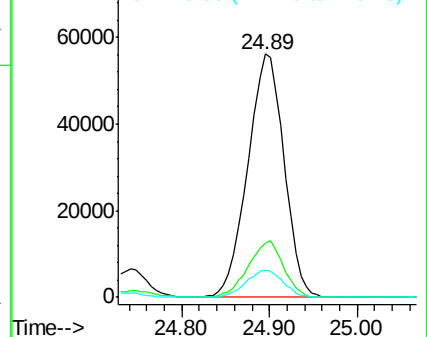
125 11.4 8.4 12.6



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: 37.72 ng

RT: 28.86 min Scan# 4429

Delta R.T. -0.06 min

Lab File: BG021140.D

Acq: 28 Feb 2016 7:27

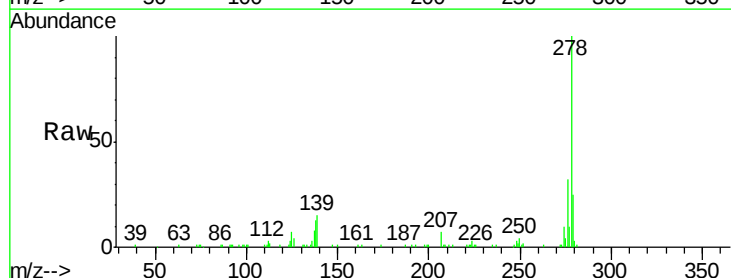
Tgt Ion:278 Resp: 134959

Ion Ratio Lower Upper

278 100

139 15.1 10.6 15.8

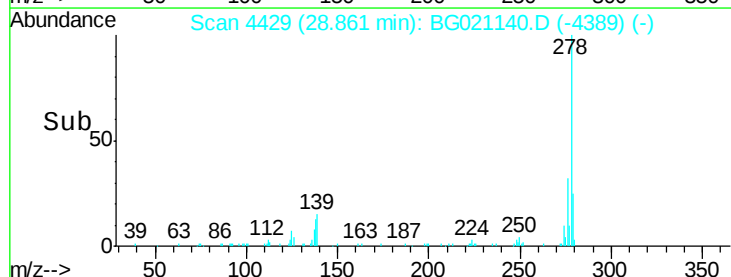
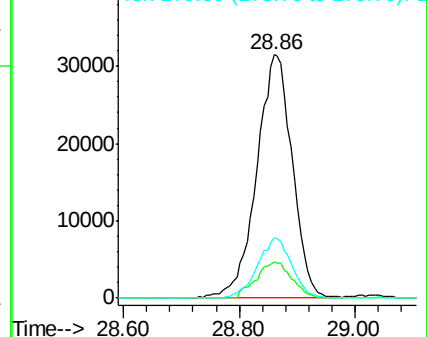
279 24.7 19.7 29.5

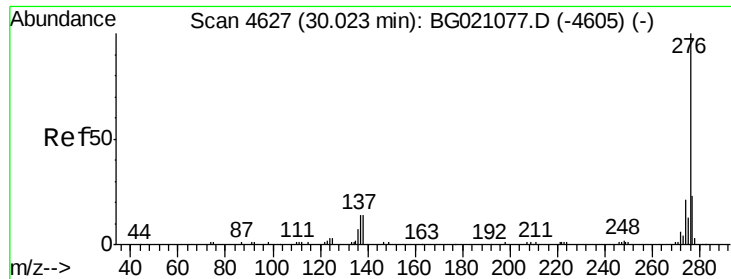


Abundance Ion 278.00 (277.70 to 278.70): E

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: 40.58 ng

RT: 29.98 min Scan# 4619

Delta R.T. -0.05 min

Lab File: BG021140.D

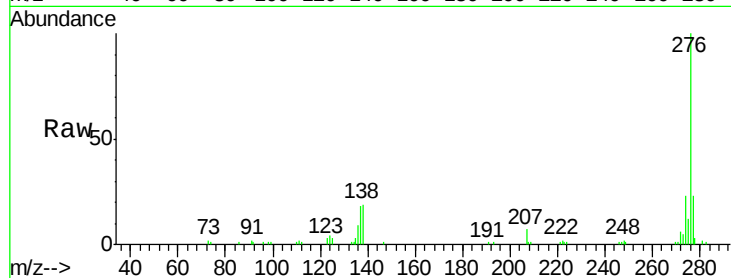
Acq: 28 Feb 2016 7:27

Instrument :

BNA_G

ClientSampleId :

P-02MSD



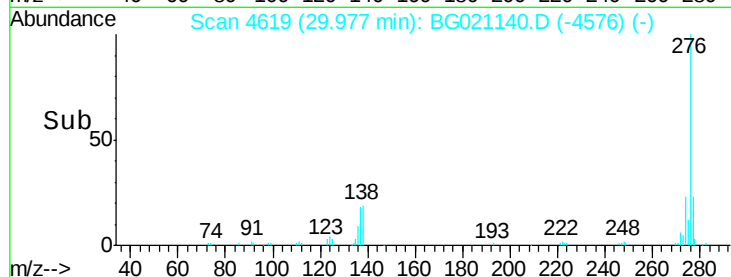
Tgt Ion: 276 Resp: 139861

Ion Ratio Lower Upper

276 100

277 23.3 16.6 25.0

138 19.1 14.6 21.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

