

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
 Data File : BG022355.D
 Acq On : 15 Jun 2016 5:22
 Operator : UM/SJ
 Sample : H3492-06MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Quant Time: Jun 15 07:01:53 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24790	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	133111	20.00	ng	-0.01
38) Acenaphthene-d10	14.71	164	84267	20.00	ng	-0.01
63) Phenanthrene-d10	17.45	188	189490	20.00	ng	-0.01
75) Chrysene-d12	21.72	240	166632	20.00	ng	-0.01
86) Perylene-d12	24.99	264	150507	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	236340	184.33	ng	-0.02
7) Phenol-d6	7.24	99	366867	181.99	ng	-0.01
23) Nitrobenzene-d5	9.24	82	197212	103.29	ng	-0.01
41) 2,4,6-Tribromophenol	16.20	330	136231	143.07	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	491632	88.91	ng	-0.01
78) Terphenyl-d14	20.05	244	666696	94.99	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	19969	32.48	ng	# 73
3) Pyridine	3.86	79	60406	36.36	ng	97
4) n-Nitrosodimethylamine	3.77	42	18392	49.51	ng	97
6) Aniline	7.39	93	51825	20.24	ng	# 85
8) 2-Chlorophenol	7.64	128	96778	54.61	ng	# 80
9) Benzaldehyde	7.21	77	4857	4.38	ng	# 81
10) Phenol	7.26	94	125611	60.44	ng	83
11) bis(2-Chloroethyl)ether	7.48	93	79613	48.04	ng	# 73
12) 1,3-Dichlorobenzene	7.96	146	84776	44.63	ng	# 89
13) 1,4-Dichlorobenzene	8.11	146	86615	45.76	ng	95
14) 1,2-Dichlorobenzene	8.43	146	87203	45.71	ng	97
15) Benzyl Alcohol	8.31	79	70593	54.20	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.60	45	86625	50.38	ng	83
17) 2-Methylphenol	8.52	107	85000	54.80	ng	# 87
18) Hexachloroethane	9.16	117	31337	45.34	ng	# 76
19) n-Nitroso-di-n-propylamine	8.87	70	67361	49.36	ng	# 70
20) 3+4-Methylphenols	8.85	107	122144	54.90	ng	96
22) Acetophenone	8.90	105	133120	46.41	ng	# 82
24) Nitrobenzene	9.29	77	95763	49.88	ng	# 87
25) Isophorone	9.80	82	199683	44.70	ng	95
26) 2-Nitrophenol	10.00	139	55539	53.34	ng	# 73
27) 2,4-Dimethylphenol	10.06	122	92669	49.18	ng	92
28) bis(2-Chloroethoxy)methane	10.28	93	120597	47.12	ng	93
29) 2,4-Dichlorophenol	10.54	162	96616	55.34	ng	97
30) 1,2,4-Trichlorobenzene	10.75	180	87644	44.93	ng	96
31) Naphthalene	10.94	128	309171	46.53	ng	# 94
32) Benzoic acid	10.21	122	3793	13.74	ng	# 65
33) 4-Chloroaniline	11.06	127	35468	12.84	ng	# 90
34) Hexachlorobutadiene	11.21	225	43393	41.44	ng	94
35) Caprolactam	11.83	113	26495	27.67	ng	# 55
36) 4-Chloro-3-methylphenol	12.18	107	111769	54.02	ng	86
37) 2-Methylnaphthalene	12.54	142	228813	46.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	98494	45.41	ng	98
40) Hexachlorocyclopentadiene	12.88	237	50949	48.25	ng	99

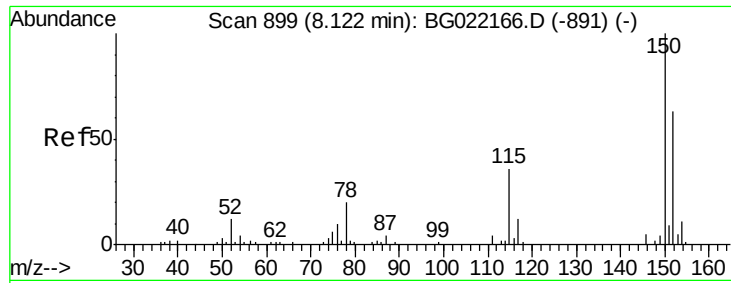
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.15	196	75402	51.82	ng	99
43) 2,4,5-Trichlorophenol	13.23	196	81722	50.83	ng	97
45) 1,1'-Biphenyl	13.54	154	298206	47.02	ng	94
46) 2-Chloronaphthalene	13.59	162	235496	48.44	ng	97
47) 2-Nitroaniline	13.80	65	64571	55.71	ng	# 62
48) Acenaphthylene	14.43	152	404820	47.46	ng	97
49) Dimethylphthalate	14.16	163	409773	58.65	ng	97
50) 2,6-Dinitrotoluene	14.29	165	71852	47.31	ng	# 81
51) Acenaphthene	14.77	154	239637	46.89	ng	97
52) 3-Nitroaniline	14.63	138	38391	22.79	ng	# 78
53) 2,4-Dinitrophenol	14.84	184	30063	52.77	ng	# 82
54) Dibenzofuran	15.11	168	379558	47.59	ng	97
55) 4-Nitrophenol	14.95	139	107858	92.77	ng	# 73
56) 2,4-Dinitrotoluene	15.08	165	102814	50.46	ng	# 82
57) Fluorene	15.75	166	320205	46.61	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.34	232	67697	46.95	ng	93
59) Diethylphthalate	15.51	149	332628	44.57	ng	98
60) 4-Chlorophenyl-phenylether	15.74	204	142373	45.76	ng	95
61) 4-Nitroaniline	15.79	138	75147	42.06	ng	# 82
62) Azobenzene	16.04	77	284774	50.38	ng	87
64) 4,6-Dinitro-2-methylphenol	15.85	198	43769	45.83	ng	85
65) n-Nitrosodiphenylamine	15.96	169	272836	49.98	ng	99
66) 4-Bromophenyl-phenylether	16.64	248	83555	47.06	ng	95
67) Hexachlorobenzene	16.76	284	92985	44.93	ng	98
68) Atrazine	16.90	200	90292	44.69	ng	97
69) Pentachlorophenol	17.11	266	77692	82.58	ng	99
70) Phenanthrene	17.50	178	476338	46.28	ng	99
71) Anthracene	17.59	178	473337	46.37	ng	97
72) Carbazole	17.86	167	448093	46.35	ng	99
73) Di-n-butylphthalate	18.39	149	570988	45.18	ng	98
74) Fluoranthene	19.50	202	513368	43.39	ng	97
76) Benzidine	19.69	184	60000	13.77	ng	97
77) Pyrene	19.86	202	500853	48.35	ng	99
79) Butylbenzylphthalate	20.73	149	255296	53.14	ng	95
80) Benzo(a)anthracene	21.71	228	437998	46.88	ng	100
81) 3,3'-Dichlorobenzidine	21.62	252	66555	25.37	ng	98
82) Chrysene	21.77	228	418713	46.05	ng	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	375767	53.19	ng	97
84) Di-n-octyl phthalate	22.80	149	607114	51.76	ng	# 87
85) Indeno(1,2,3-cd)pyrene	28.75	276	461264	45.22	ng	# 84
87) Benzo(b)fluoranthene	23.95	252	428819	48.85	ng	# 97
88) Benzo(k)fluoranthene	24.02	252	399776	46.26	ng	# 96
89) Benzo(a)pyrene	24.84	252	400937	47.77	ng	# 96
90) Dibenzo(a,h)anthracene	28.79	278	378714	47.91	ng	# 92
91) Benzo(g,h,i)perylene	29.91	276	381969	46.45	ng	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 890

Delta R.T. -0.02 min

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SB-02-COMPMSD

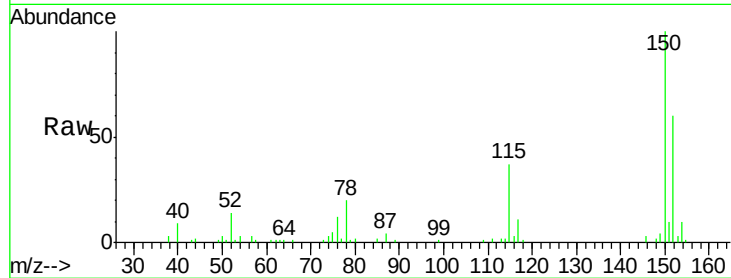
Tgt Ion:152 Resp: 24790

Ion Ratio Lower Upper

152 100

150 166.6 130.1 195.1

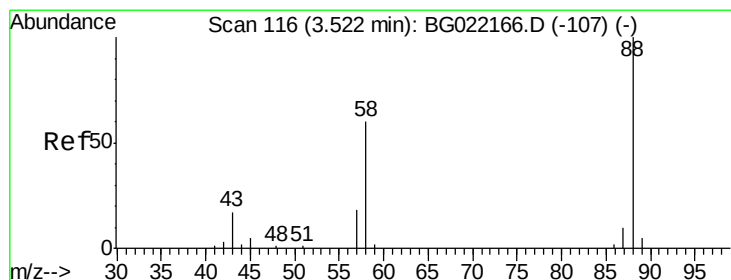
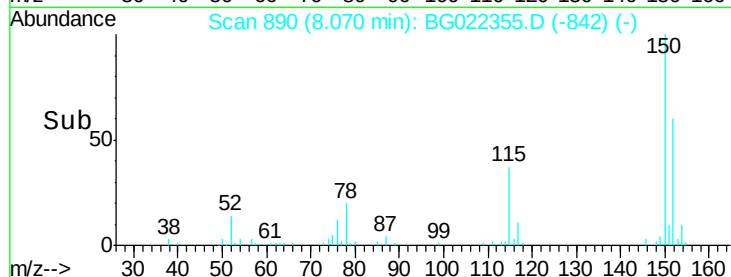
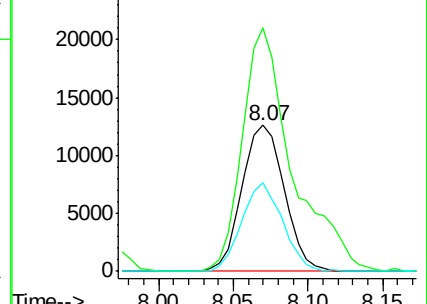
115 61.0 62.2 93.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 32.48 ng

RT: 3.45 min Scan# 103

Delta R.T. -0.03 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

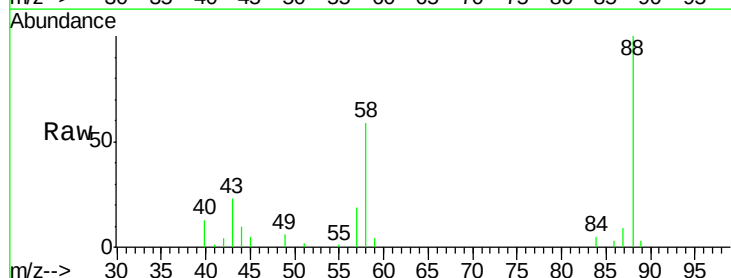
Tgt Ion: 88 Resp: 19969

Ion Ratio Lower Upper

88 100

58 66.3 36.8 55.2#

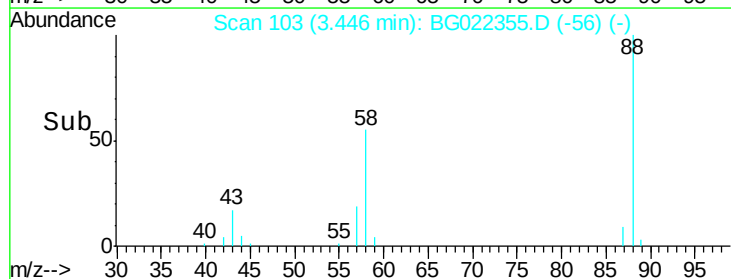
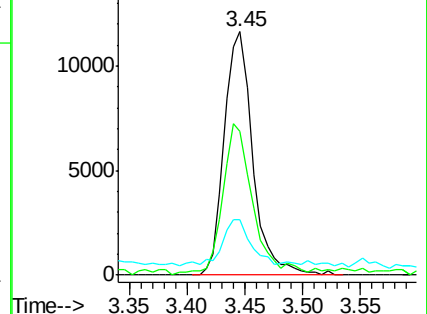
43 19.4 10.4 15.6#

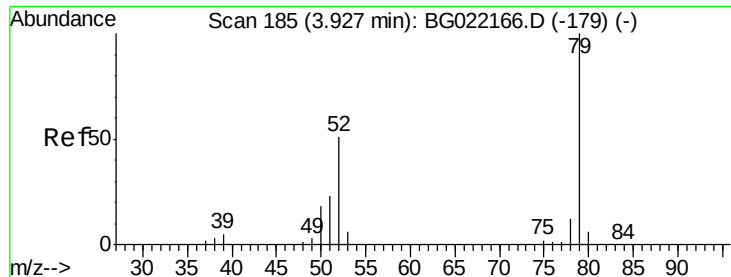


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.36 ng

RT: 3.86 min Scan# 173

Delta R.T. -0.03 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

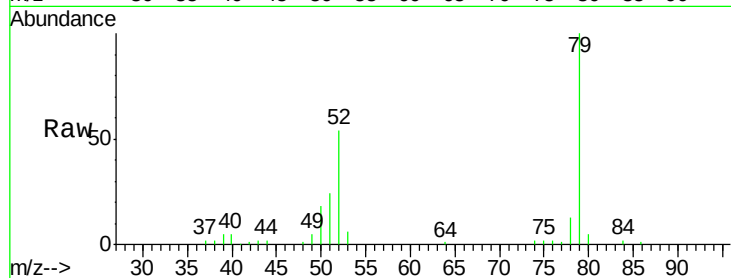
Tgt Ion: 79 Resp: 60406

Ion Ratio Lower Upper

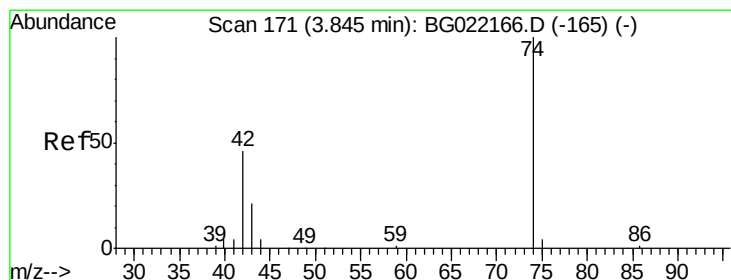
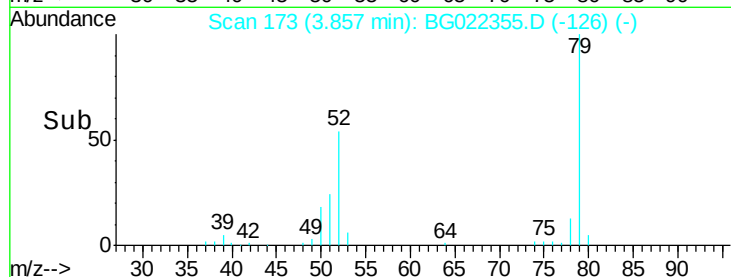
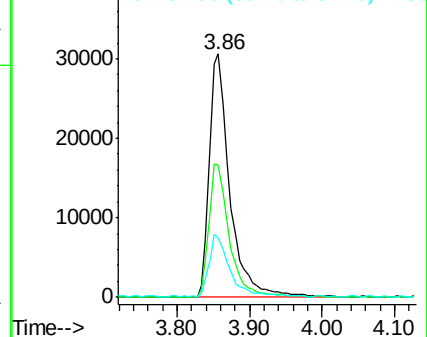
79 100

52 54.5 41.6 62.4

51 24.4 19.2 28.8



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: 49.51 ng

RT: 3.77 min Scan# 159

Delta R.T. -0.03 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

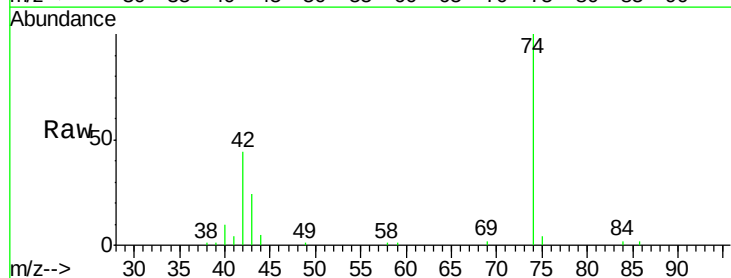
Tgt Ion: 42 Resp: 18392

Ion Ratio Lower Upper

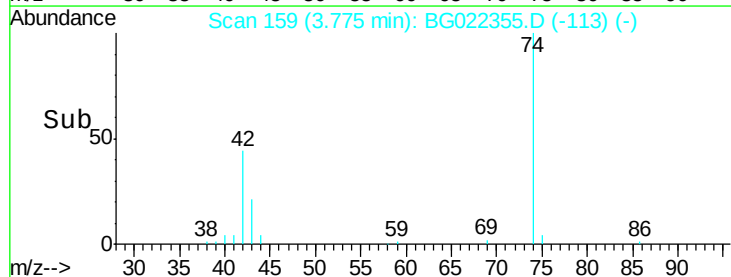
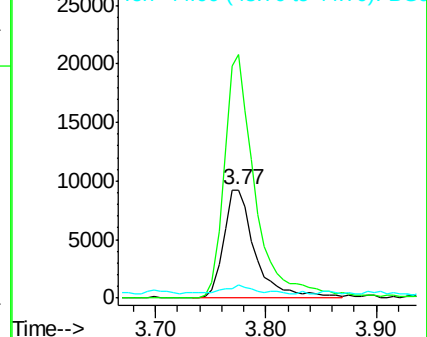
42 100

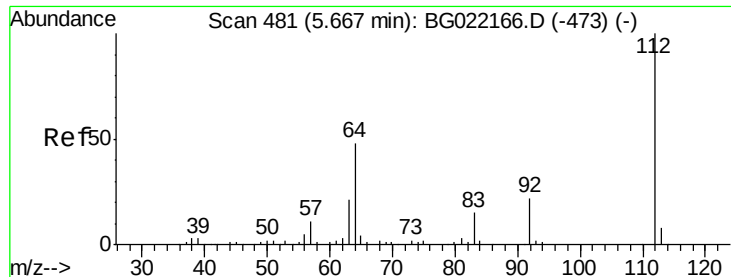
74 225.1 184.0 276.0

44 11.9 11.0 16.6



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





#5

2-Fluorophenol

Concen: 184.33 ng

RT: 5.61 min Scan# 472

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

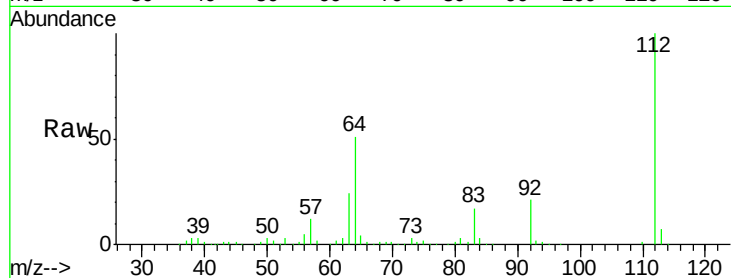
Tgt Ion: 112 Resp: 236340

Ion Ratio Lower Upper

112 100

64 51.3 51.1 76.7

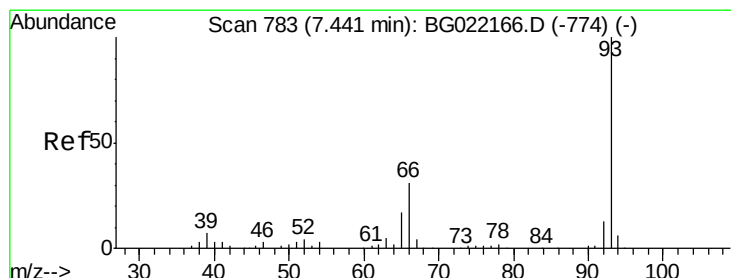
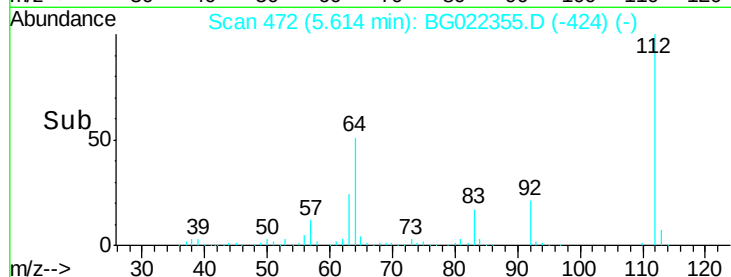
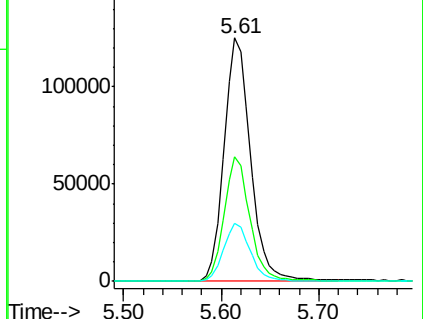
63 23.9 24.6 37.0#



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: 20.24 ng

RT: 7.39 min Scan# 775

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

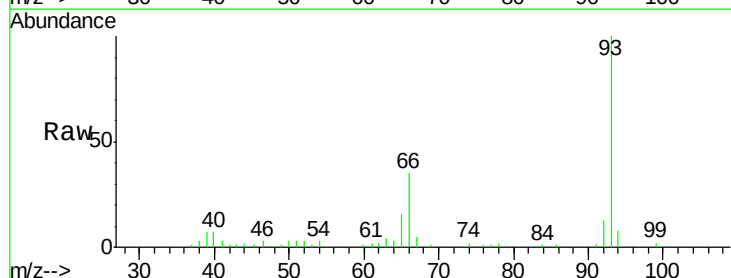
Tgt Ion: 93 Resp: 51825

Ion Ratio Lower Upper

93 100

66 34.8 36.3 54.5#

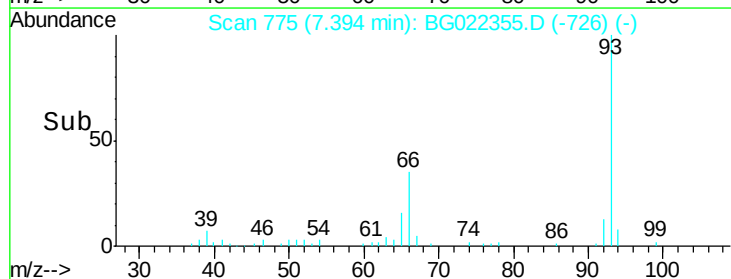
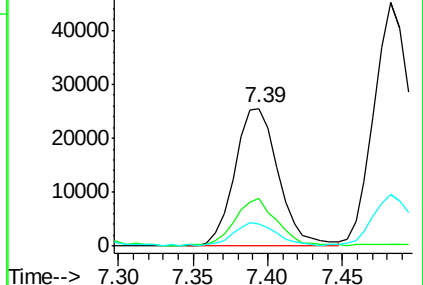
65 16.3 18.4 27.6#

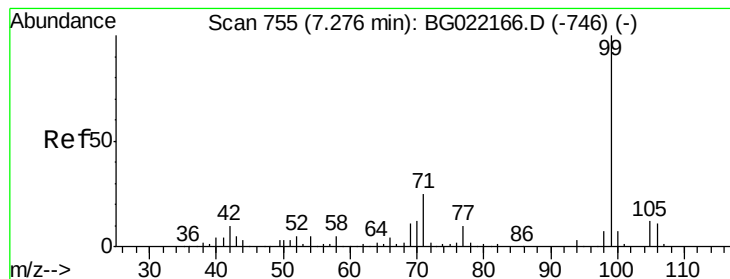


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 181.99 ng

RT: 7.24 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

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SB-02-COMPMSD

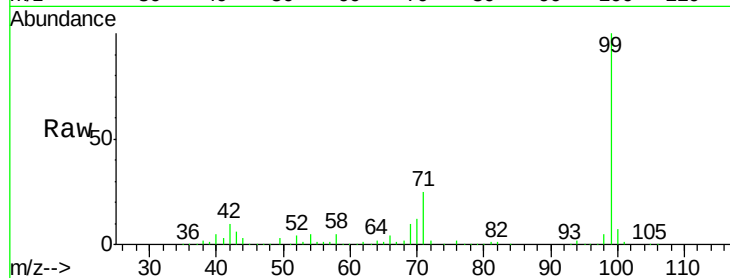
Tgt Ion: 99 Resp: 366867

Ion Ratio Lower Upper

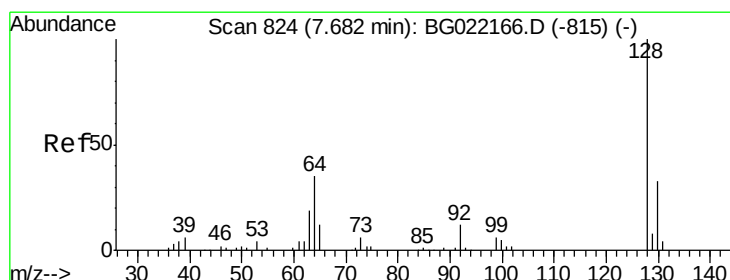
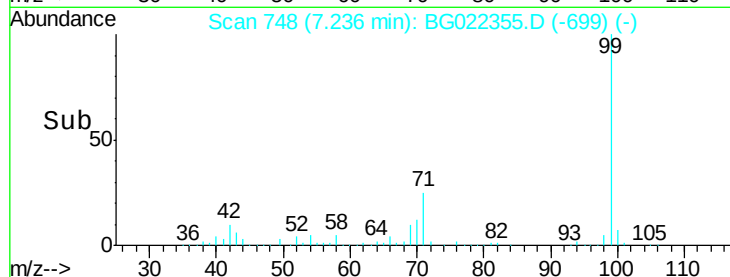
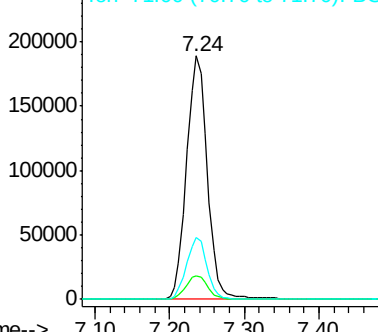
99 100

42 9.9 16.4 24.6#

71 25.4 25.0 37.4



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



#8

2-Chlorophenol

Concen: 54.61 ng

RT: 7.64 min Scan# 816

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

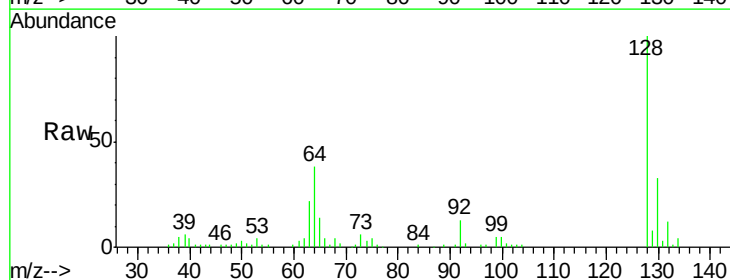
Tgt Ion: 128 Resp: 96778

Ion Ratio Lower Upper

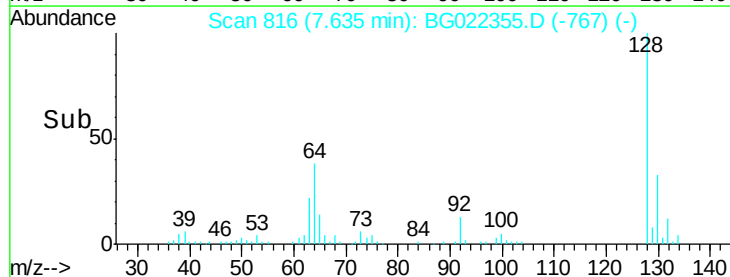
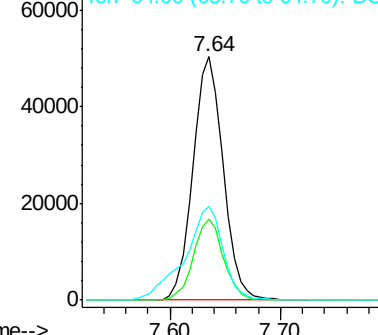
128 100

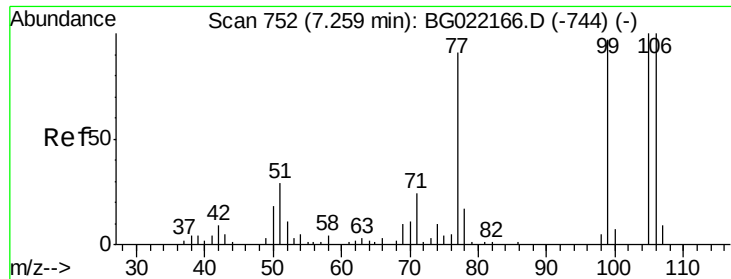
130 33.4 11.2 51.2

64 38.3 39.8 79.8#



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

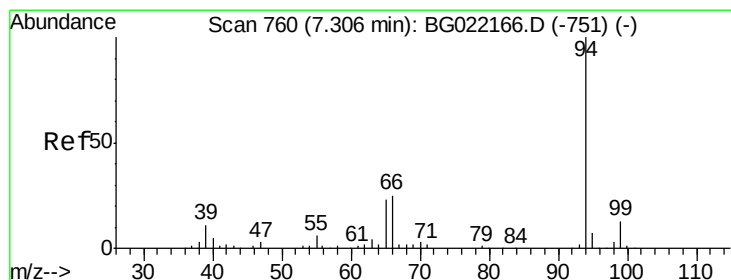
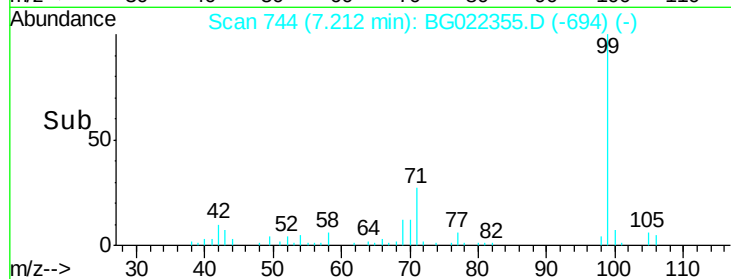
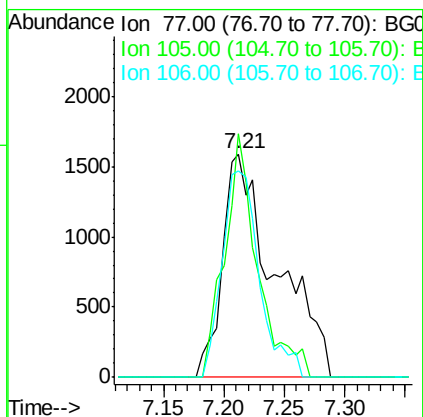
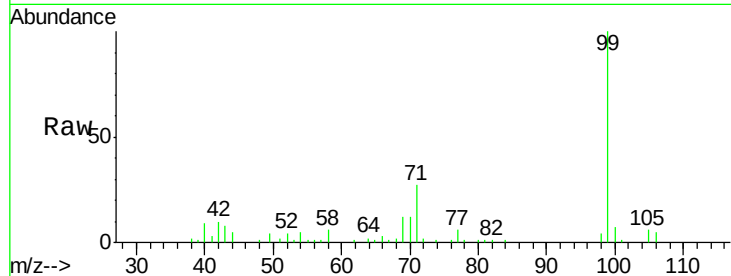




#9
Benzaldehyde
Concen: 4.38 ng
RT: 7.21 min Scan# 744
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

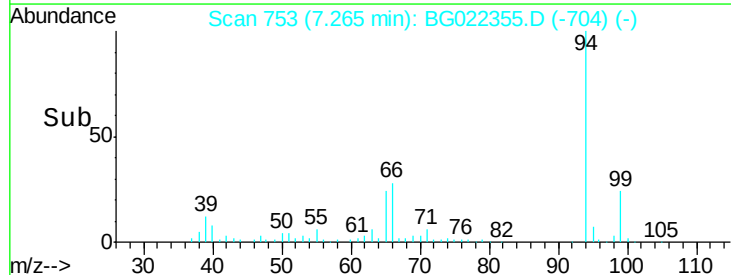
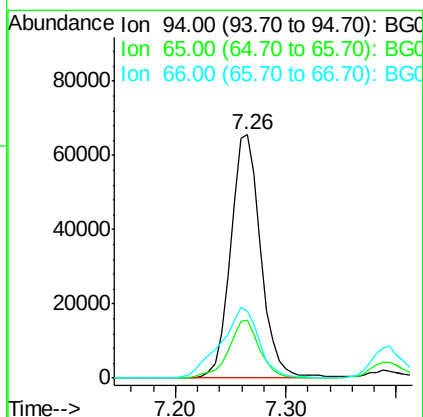
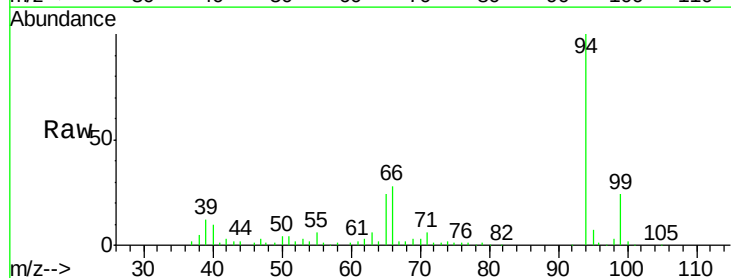
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

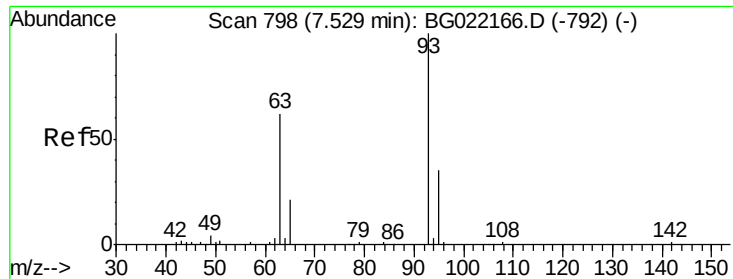
Tgt Ion: 77 Resp: 4857
Ion Ratio Lower Upper
77 100
105 109.1 62.1 102.1#
106 92.6 65.6 105.6



#10
Phenol
Concen: 60.44 ng
RT: 7.26 min Scan# 753
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 94 Resp: 125611
Ion Ratio Lower Upper
94 100
65 23.8 9.8 49.8
66 27.7 20.8 60.8





#11

bis(2-Chloroethyl)ether

Concen: 48.04 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

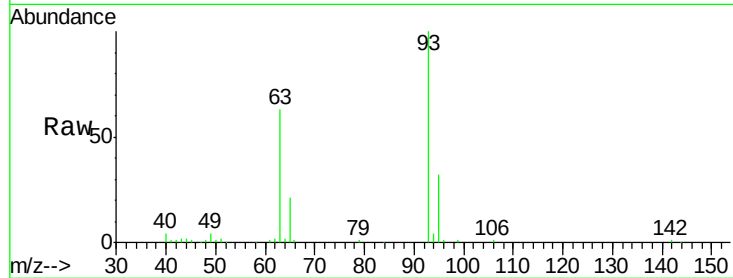
Tgt Ion: 93 Resp: 79613

Ion Ratio Lower Upper

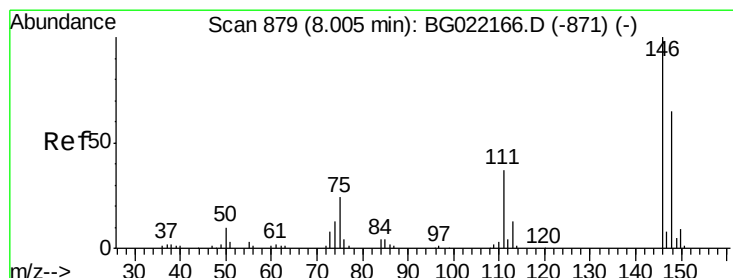
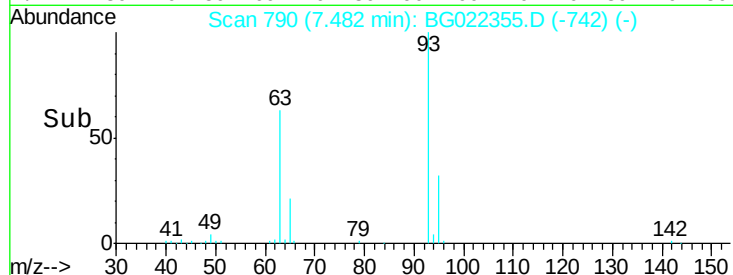
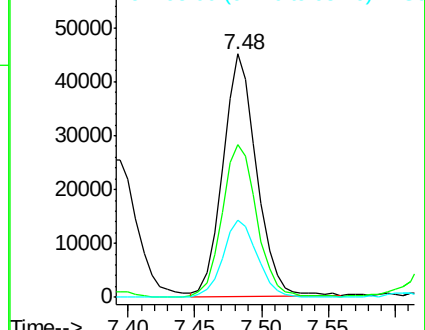
93 100

63 62.6 74.9 114.9#

95 31.9 8.3 48.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 44.63 ng

RT: 7.96 min Scan# 871

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

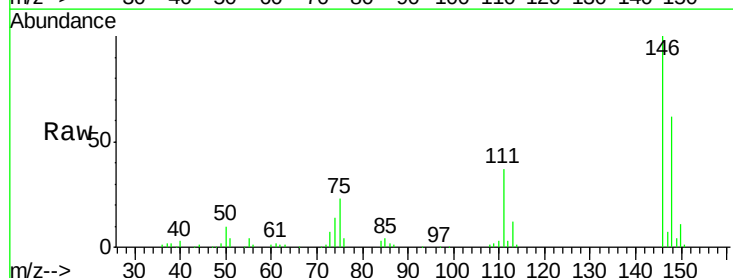
Tgt Ion: 146 Resp: 84776

Ion Ratio Lower Upper

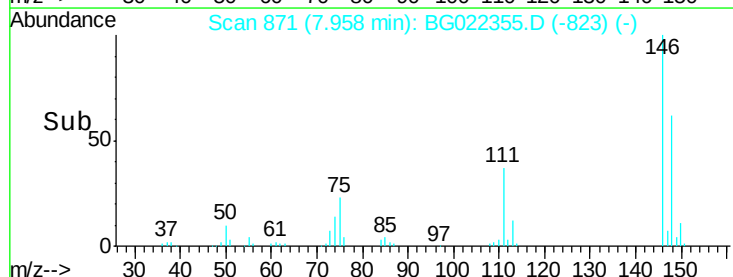
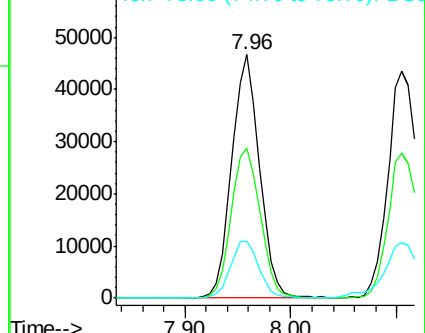
146 100

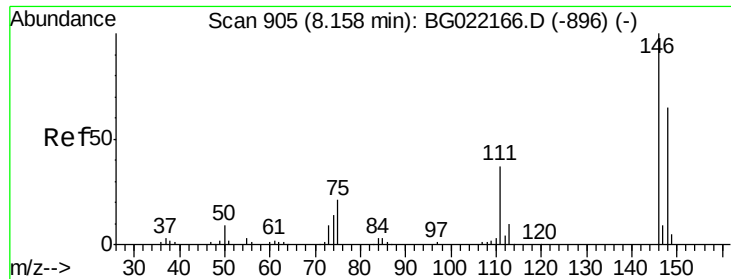
148 61.9 53.7 80.5

75 23.5 27.4 41.0#



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

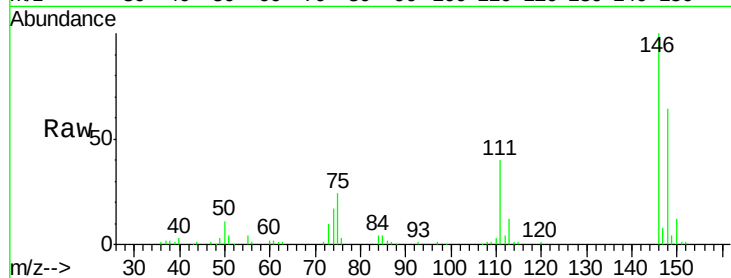




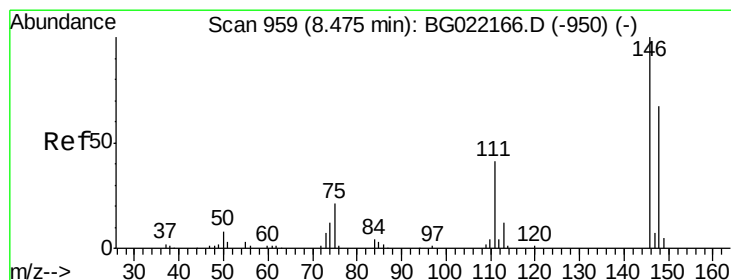
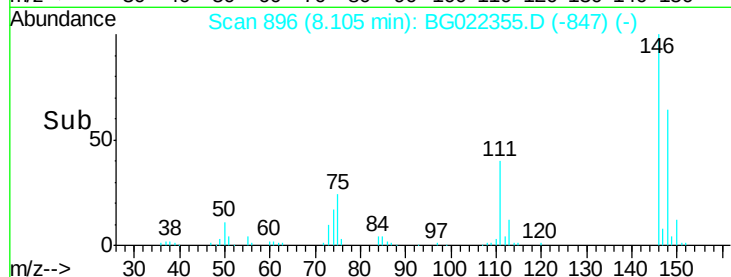
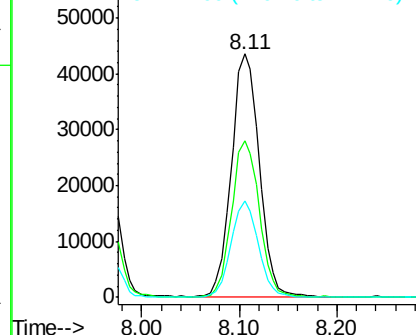
#13
 1,4-Dichlorobenzene
 Concen: 45.76 ng
 RT: 8.11 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:146 Resp: 86615
 Ion Ratio Lower Upper
 146 100
 148 64.1 46.7 70.1
 111 39.8 33.0 49.6

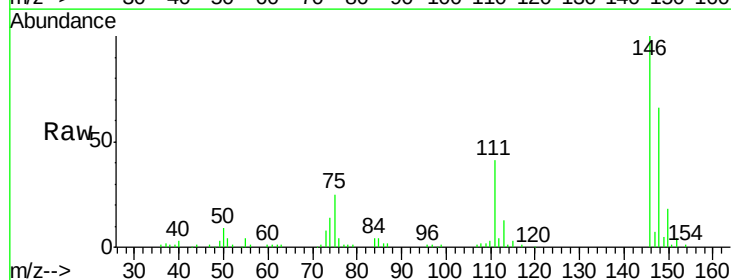


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

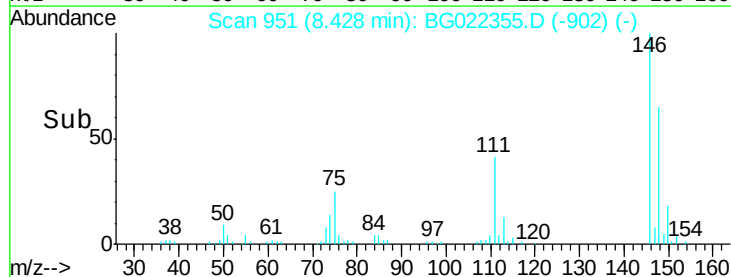
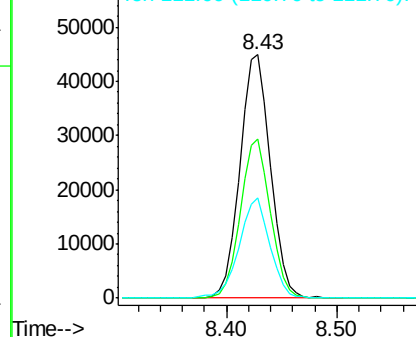


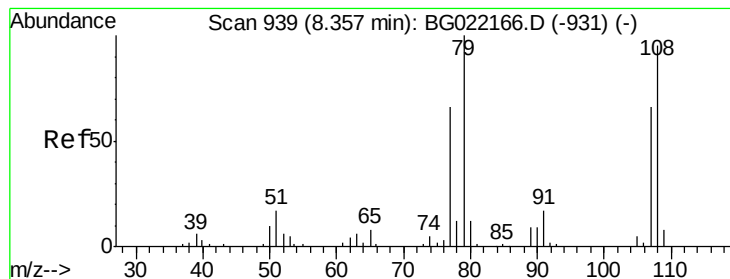
#14
 1,2-Dichlorobenzene
 Concen: 45.71 ng
 RT: 8.43 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:146 Resp: 87203
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.6 79.0
 111 41.0 36.1 54.1



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: 54.20 ng

RT: 8.31 min Scan# 931

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

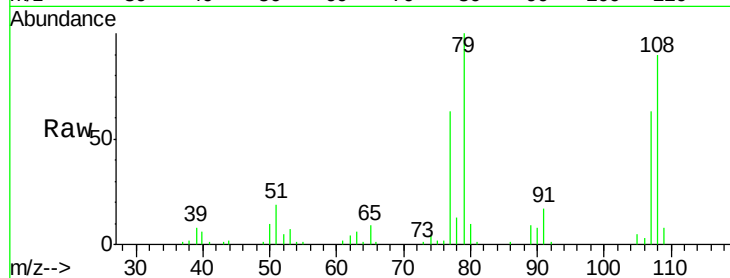
Tgt Ion: 79 Resp: 70593

Ion Ratio Lower Upper

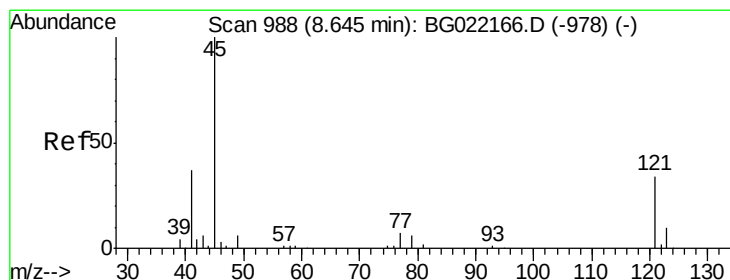
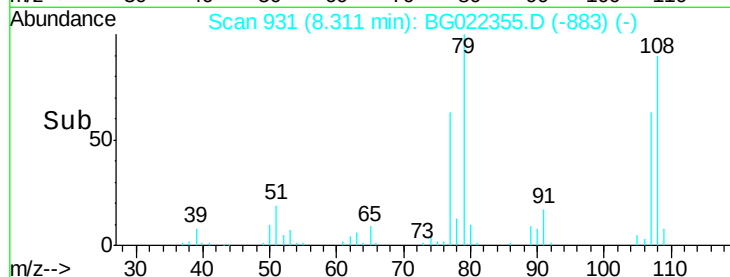
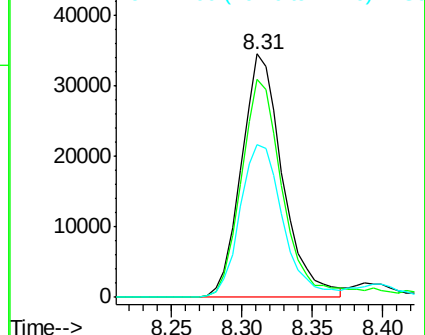
79 100

108 89.7 59.4 89.0#

77 62.7 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 50.38 ng

RT: 8.60 min Scan# 980

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

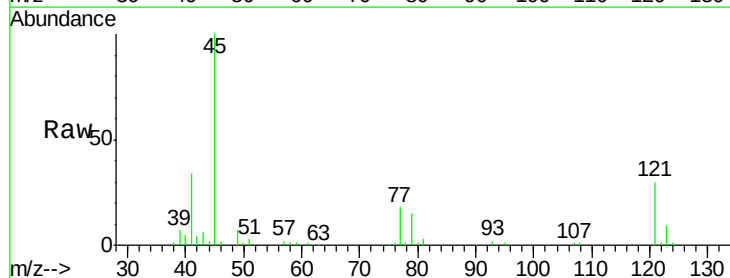
Tgt Ion: 45 Resp: 86625

Ion Ratio Lower Upper

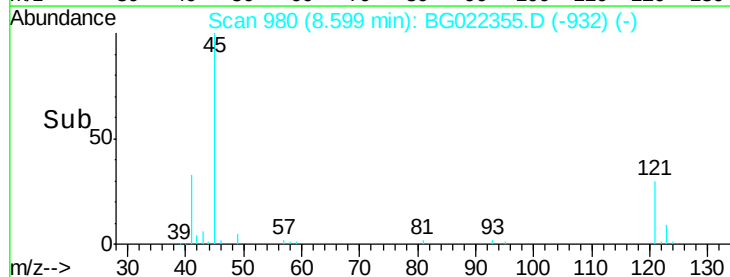
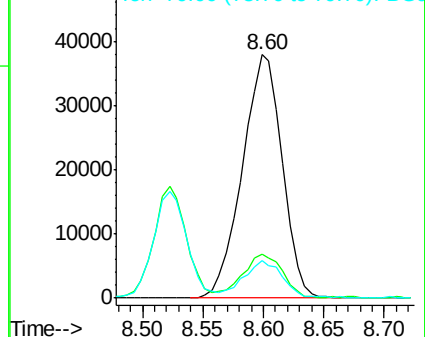
45 100

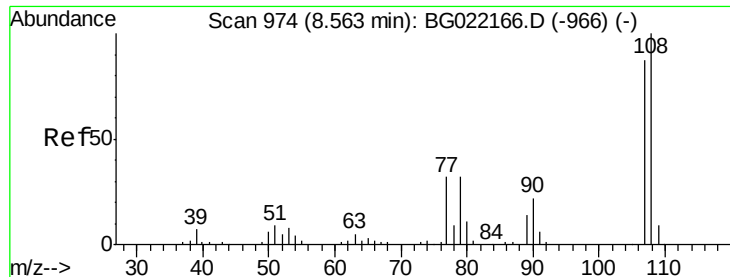
77 17.8 0.0 31.2

79 15.4 0.0 29.0



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

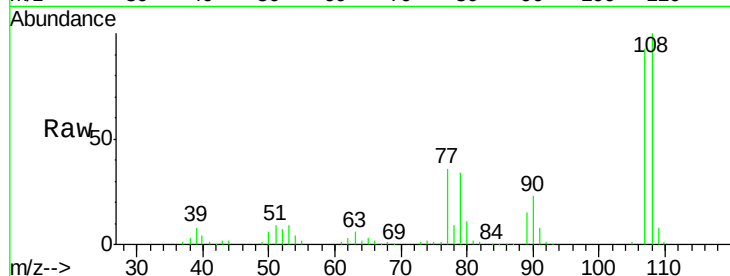




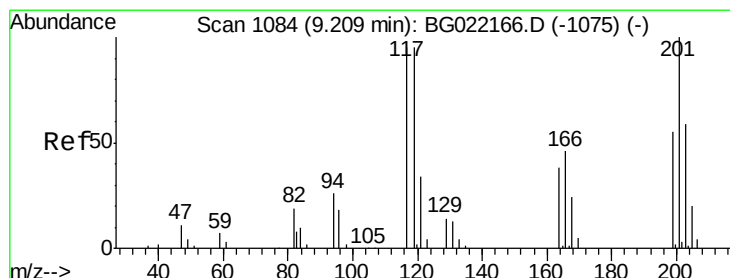
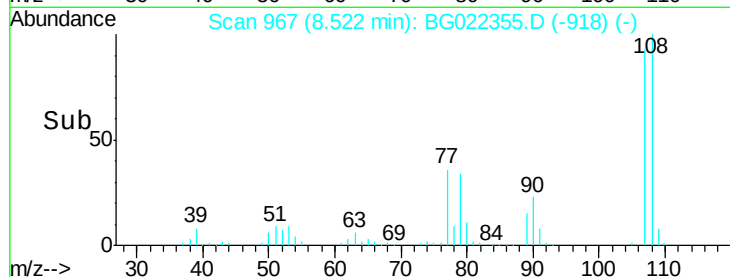
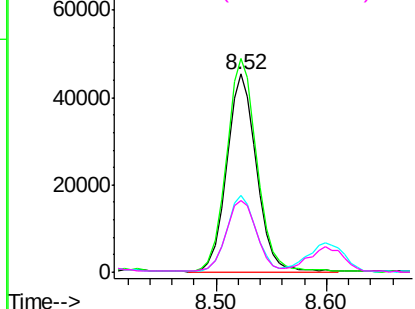
#17
2-Methylphenol
Concen: 54.80 ng
RT: 8.52 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:107 Resp: 85000
Ion Ratio Lower Upper
107 100
108 107.9 80.2 120.4
77 38.5 40.7 61.1#
79 36.5 39.8 59.8#

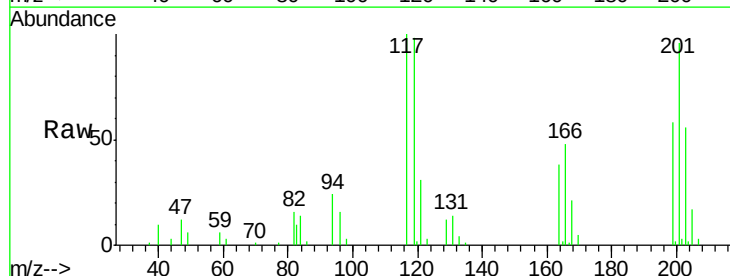


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

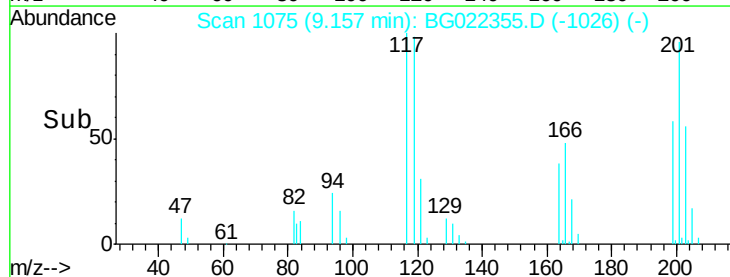
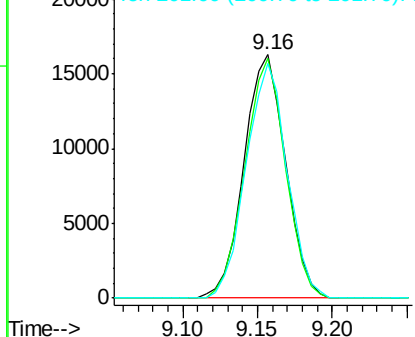


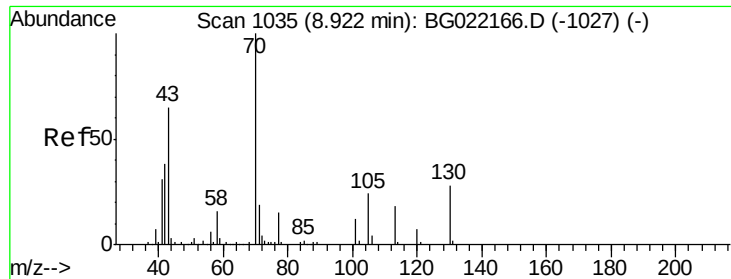
#18
Hexachloroethane
Concen: 45.34 ng
RT: 9.16 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:117 Resp: 31337
Ion Ratio Lower Upper
117 100
119 98.4 63.9 95.9#
201 99.4 61.2 91.8#



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

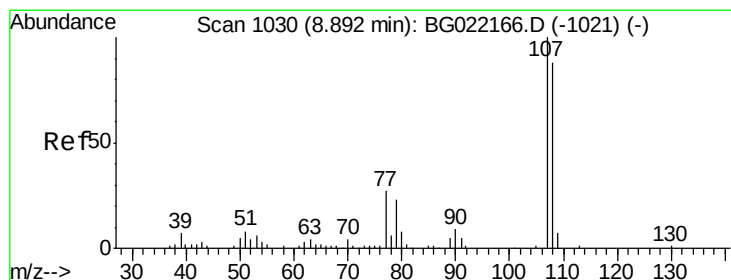
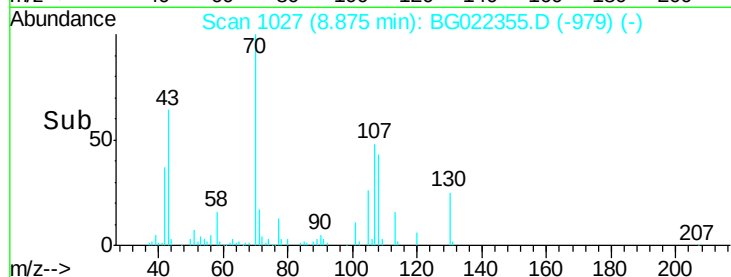
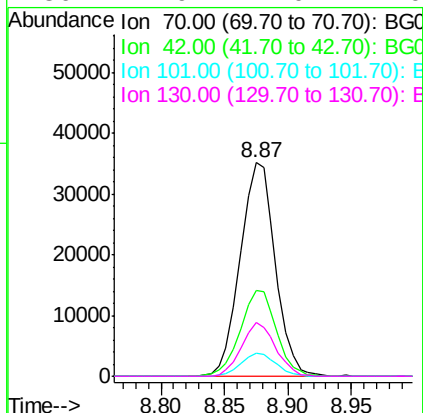
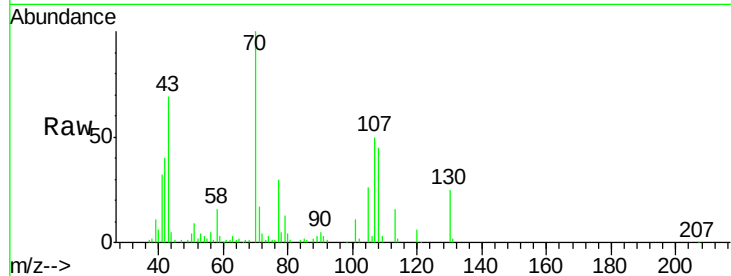




#19
n-Nitroso-di-n-propylamine
Concen: 49.36 ng
RT: 8.87 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

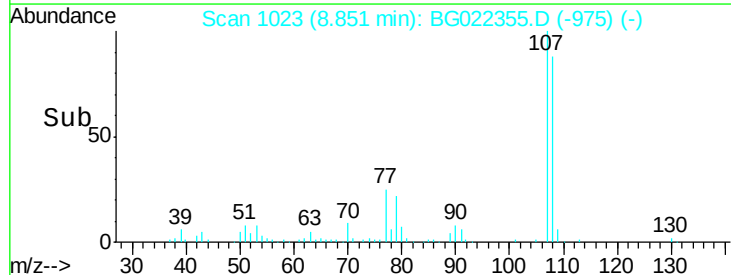
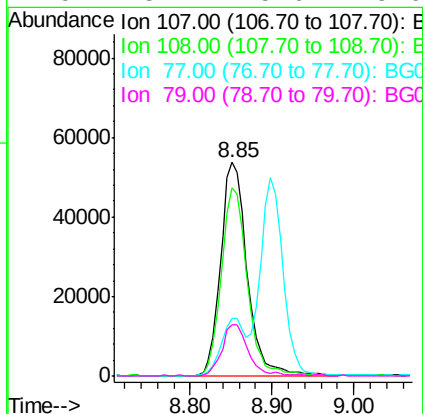
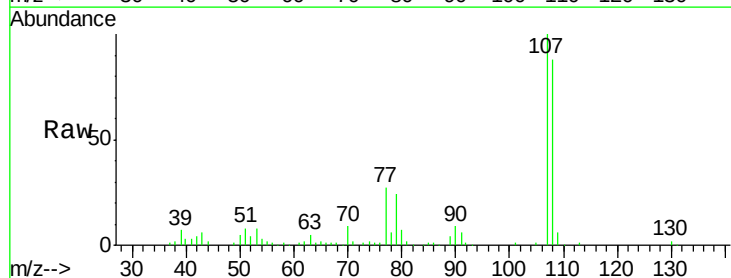
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

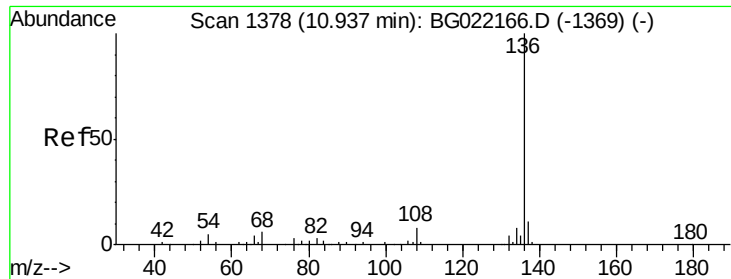
Tgt Ion: 70 Resp: 67361
Ion Ratio Lower Upper
70 100
42 40.4 56.7 85.1#
101 11.0 8.2 12.4
130 24.9 14.0 21.0#



#20
3+4-Methylphenols
Concen: 54.90 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 107 Resp: 122144
Ion Ratio Lower Upper
107 100
108 88.3 66.2 106.2
77 26.7 11.5 51.5
79 23.7 5.6 45.6

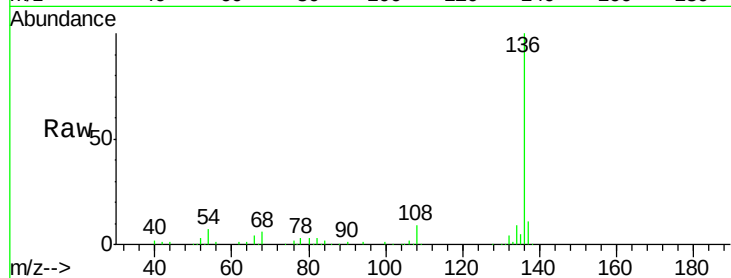




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:	136	Resp:	133111
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	6.9	9.6	14.4#
68	6.4	6.4	9.6



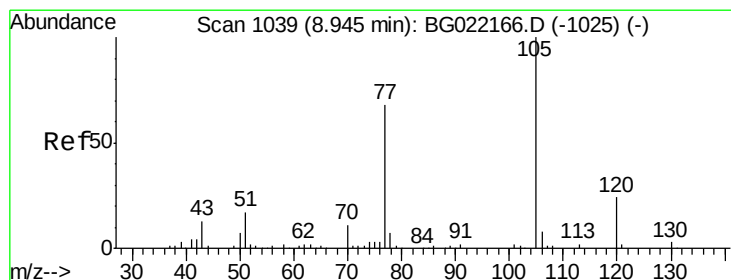
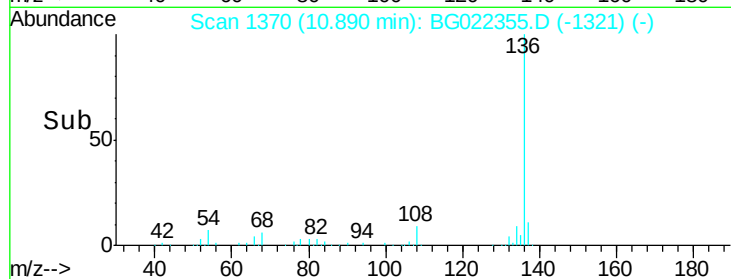
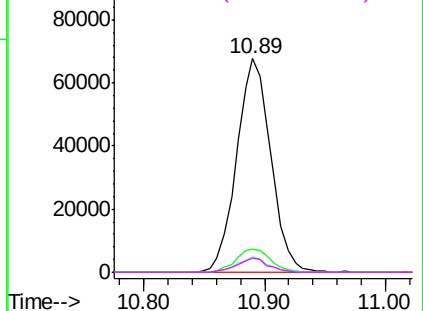
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

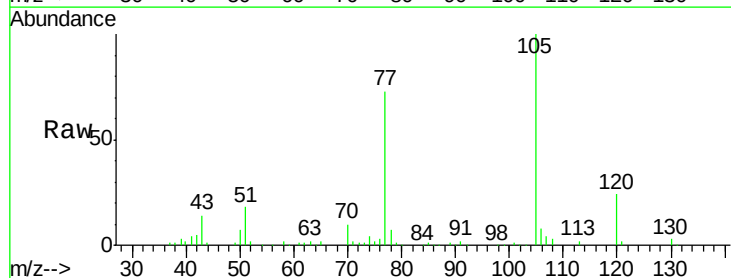
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 46.41 ng
RT: 8.90 min Scan# 1031
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:	105	Resp:	133120
Ion	Ratio	Lower	Upper
105	100		
71	1.7	0.0	0.0#
51	17.9	25.7	38.5#
120	24.3	17.0	25.6



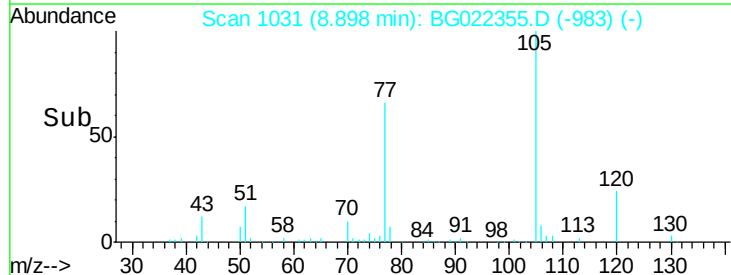
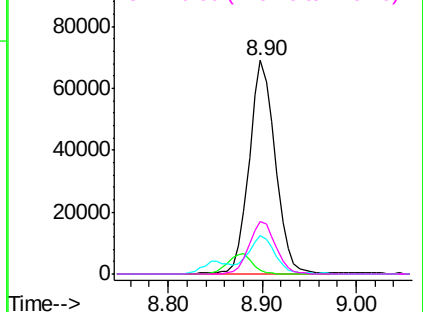
Abundance

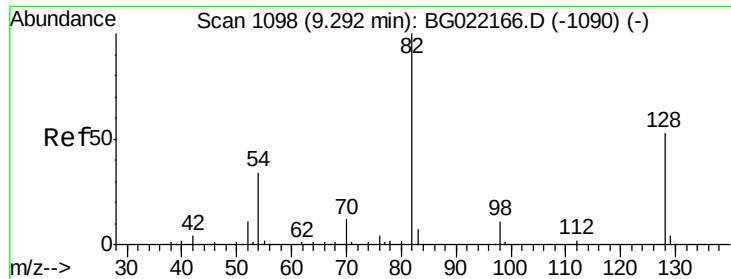
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

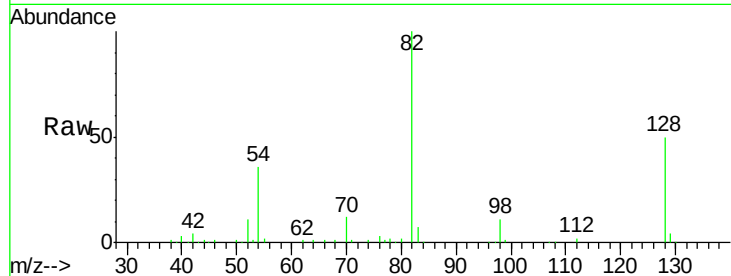




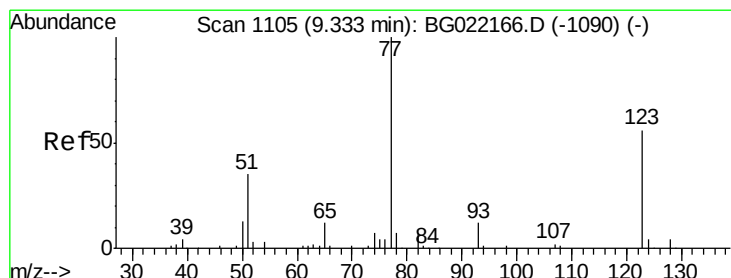
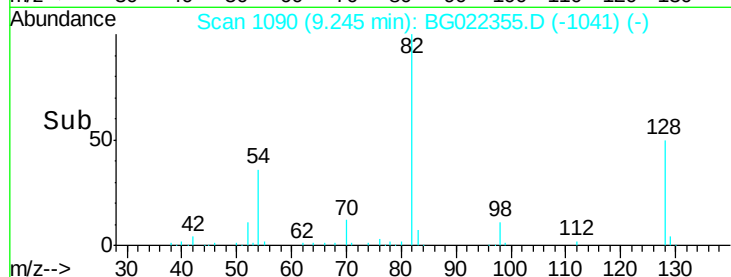
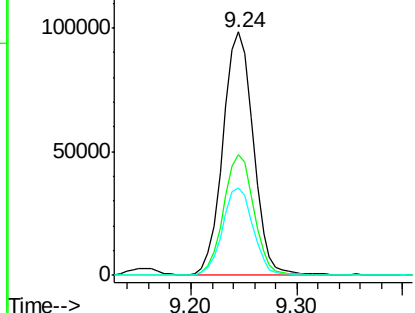
#23
 Nitrobenzene-d5
 Concen: 103.29 ng
 RT: 9.24 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.6	33.4	50.0
54	35.7	46.1	69.1#

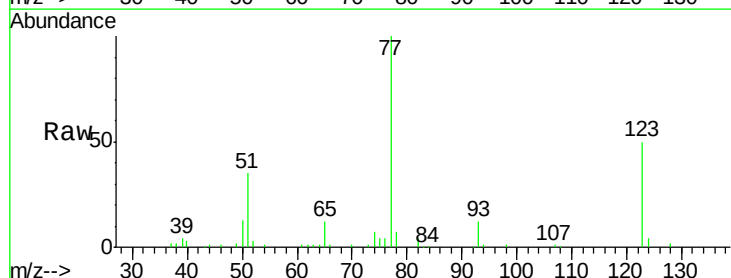


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

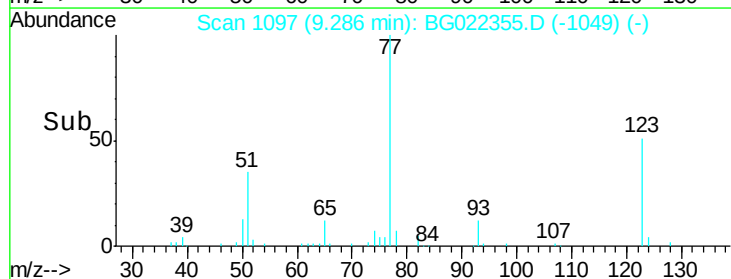
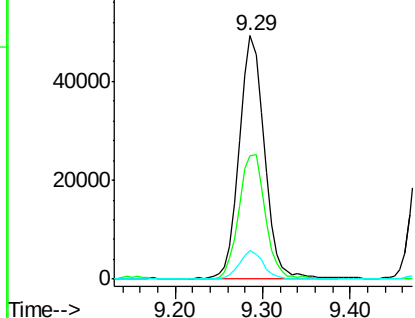


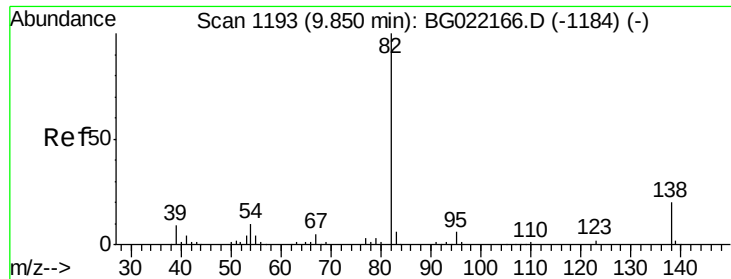
#24
 Nitrobenzene
 Concen: 49.88 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	32.2	48.4#
65	11.5	10.3	15.5



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: 44.70 ng

RT: 9.80 min Scan# 1185

Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

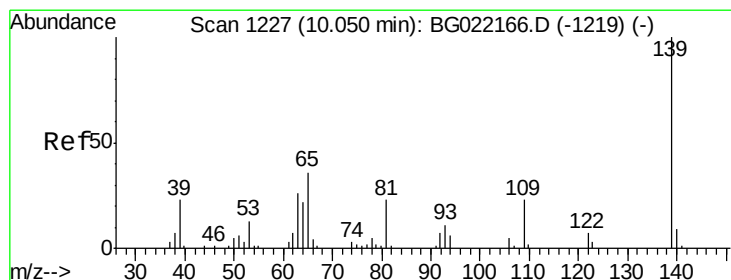
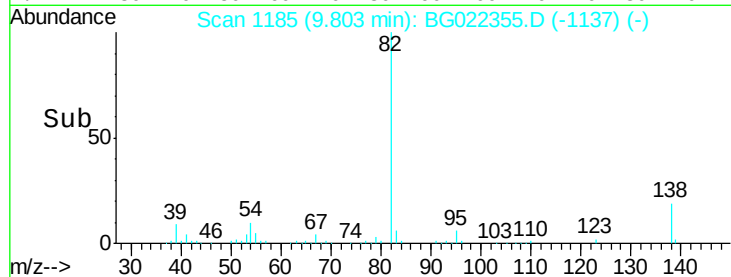
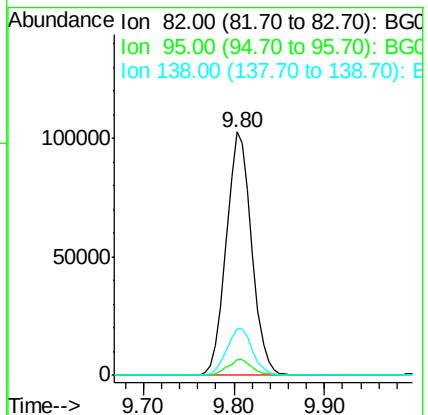
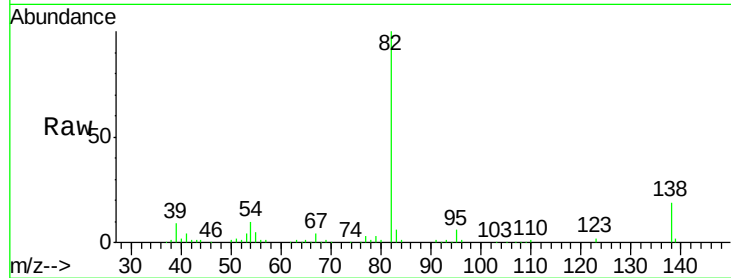
Tgt Ion: 82 Resp: 199683

Ion Ratio Lower Upper

82 100

95 6.3 6.0 9.0

138 19.2 13.4 20.0



#26

2-Nitrophenol

Concen: 53.34 ng

RT: 10.00 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

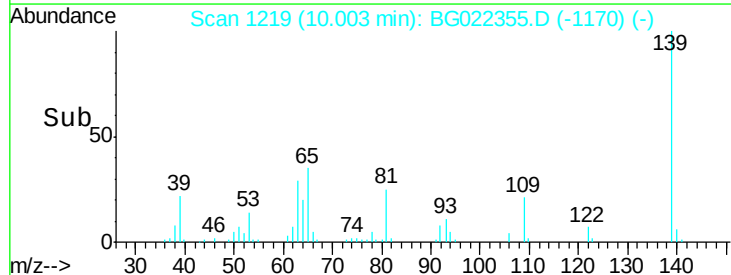
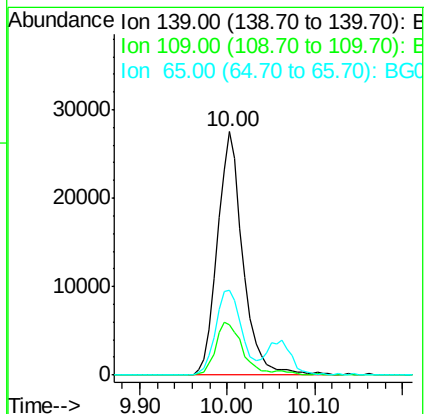
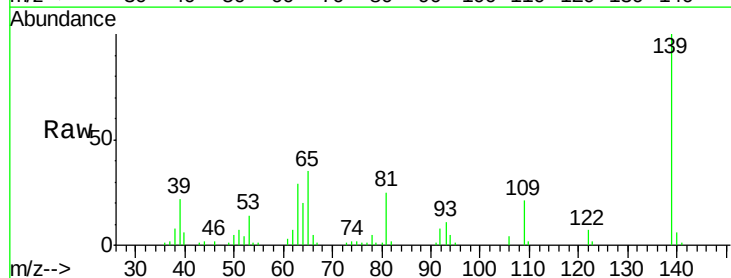
Tgt Ion: 139 Resp: 55539

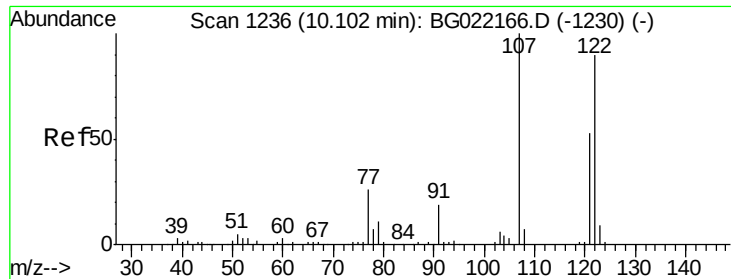
Ion Ratio Lower Upper

139 100

109 20.7 26.6 40.0#

65 35.0 45.3 67.9#

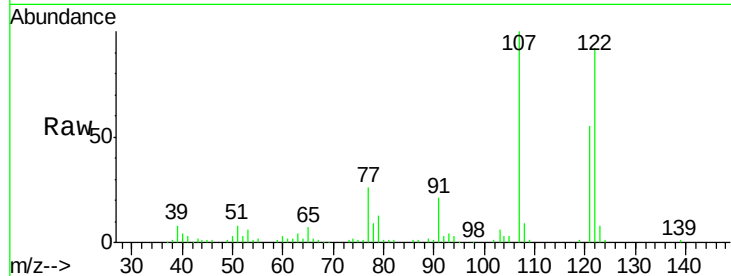




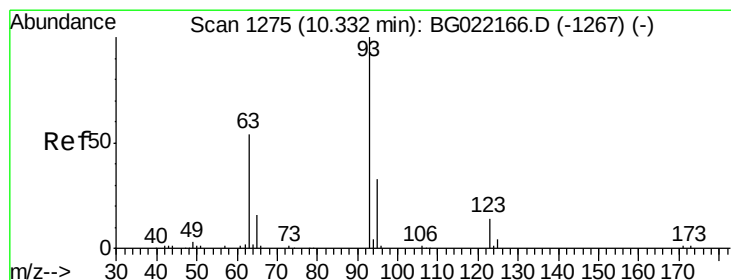
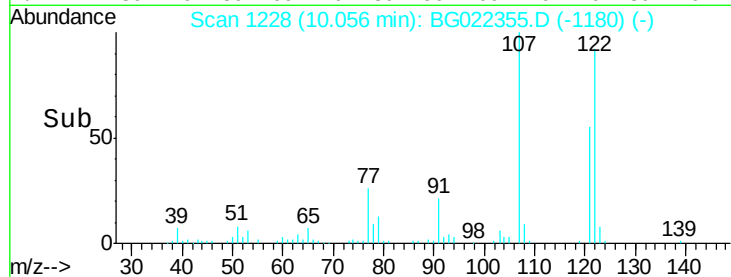
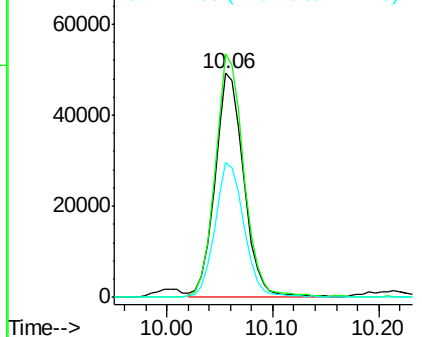
#27
2,4-Dimethylphenol
Concen: 49.18 ng
RT: 10.06 min Scan# 1228
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

Tgt Ion: 122 Resp: 92669
Ion Ratio Lower Upper
122 100
107 108.6 97.2 145.8
121 60.1 49.0 73.4

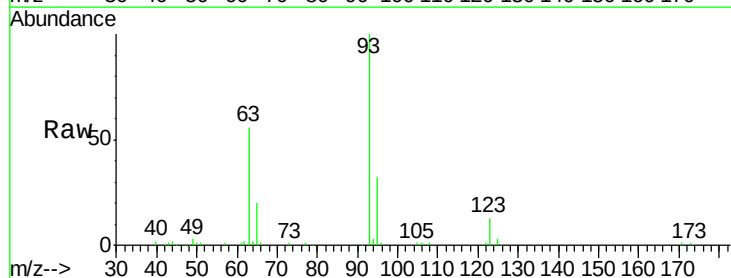


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

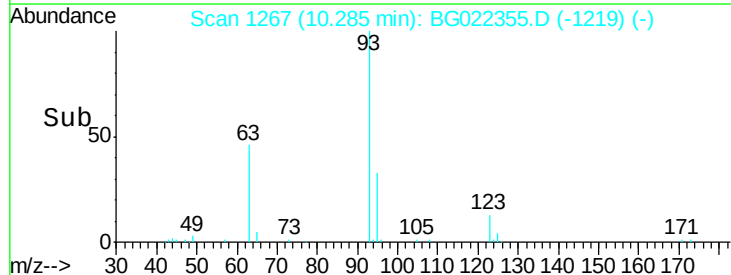
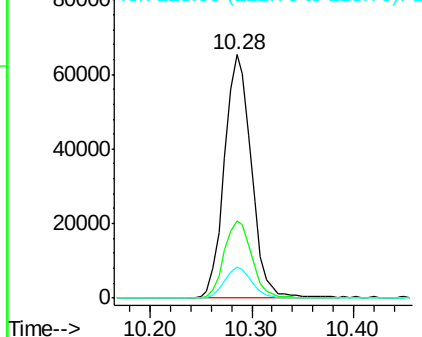


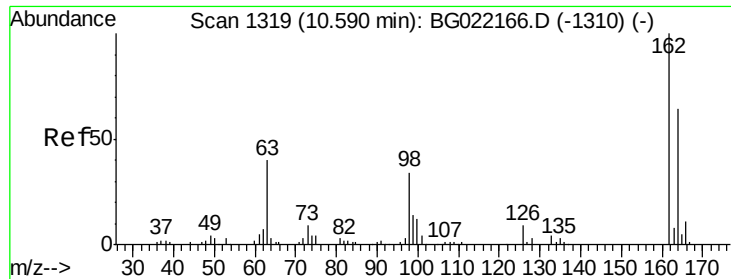
#28
bis(2-Chloroethoxy)methane
Concen: 47.12 ng
RT: 10.28 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 93 Resp: 120597
Ion Ratio Lower Upper
93 100
95 31.8 30.1 45.1
123 13.0 10.2 15.4



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

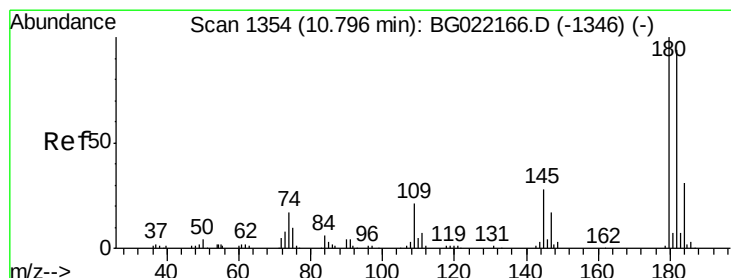
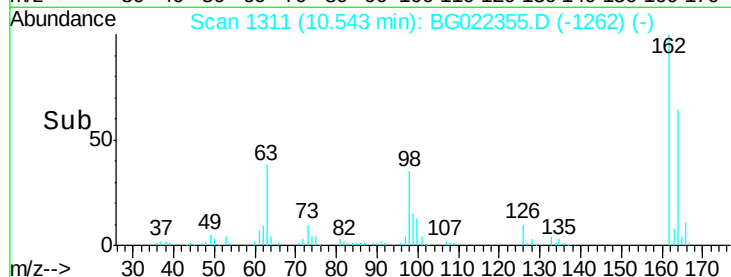
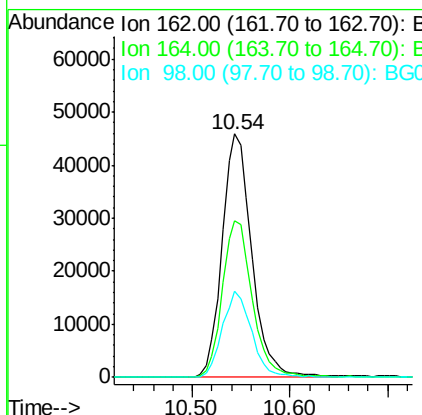
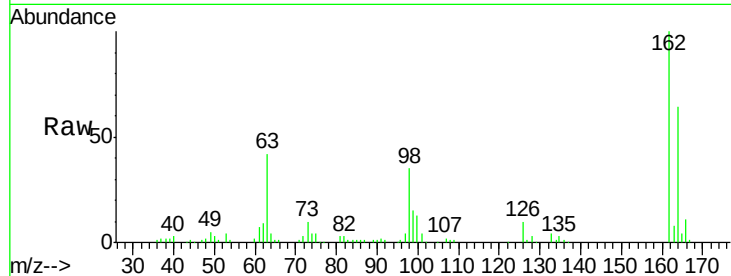




#29
 2,4-Dichlorophenol
 Concen: 55.34 ng
 RT: 10.54 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

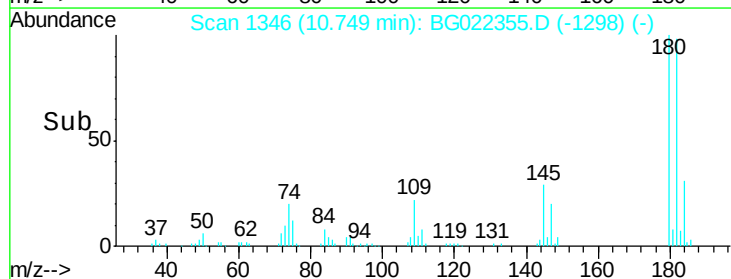
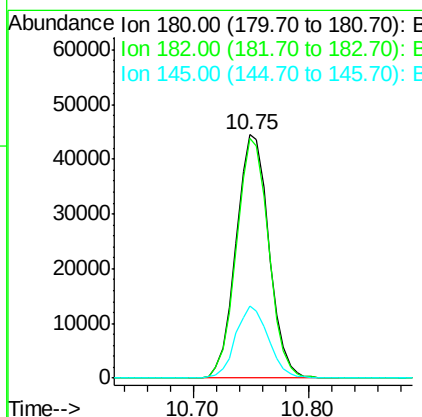
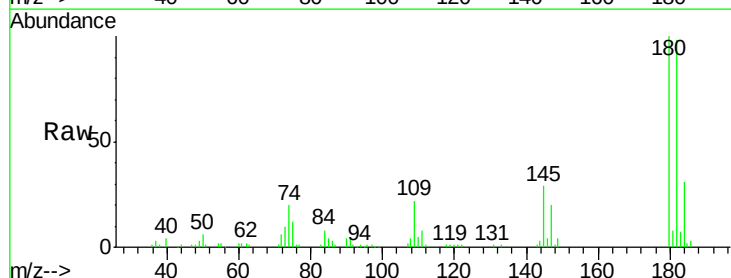
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

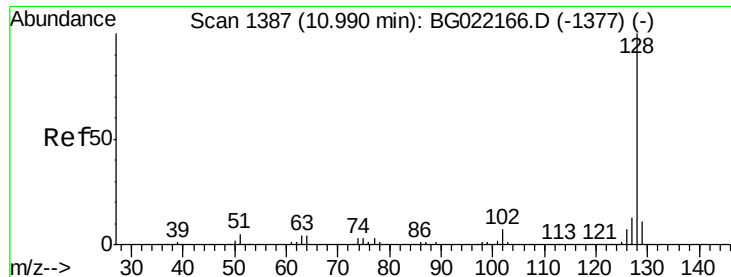
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	96616		
164	64.3		44.9	84.9
98	35.2		19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 44.93 ng
 RT: 10.75 min Scan# 1346
 Delta R.T. -0.02 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	87644		
182	98.3		82.3	123.5
145	29.4		24.4	36.6

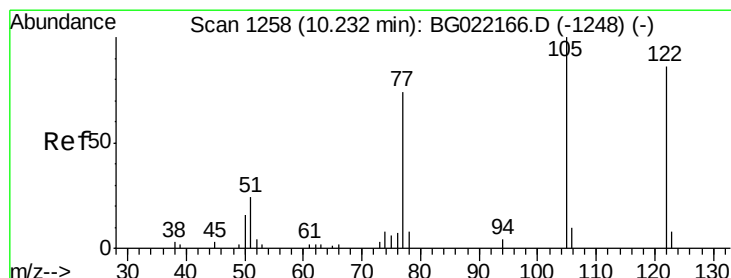
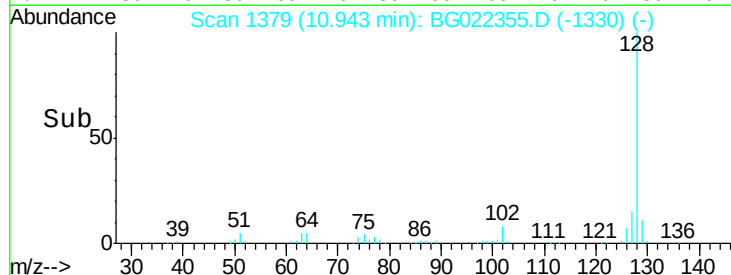
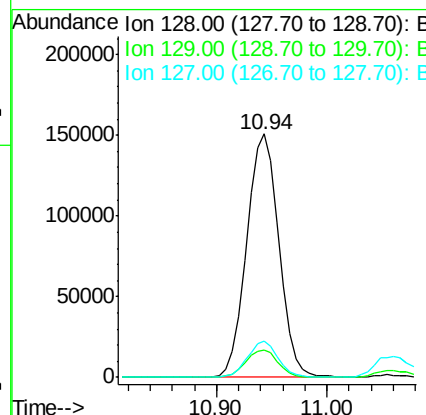
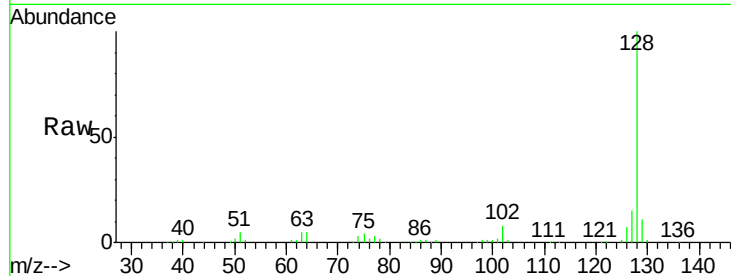




#31
Naphthalene
Concen: 46.53 ng
RT: 10.94 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

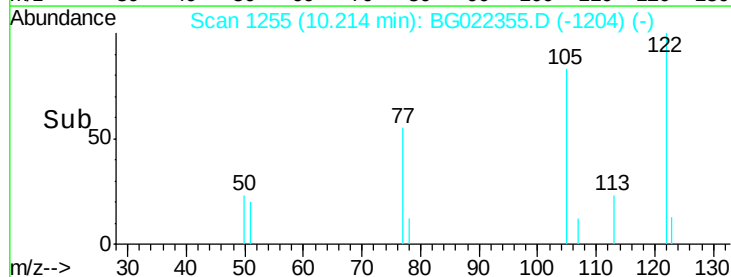
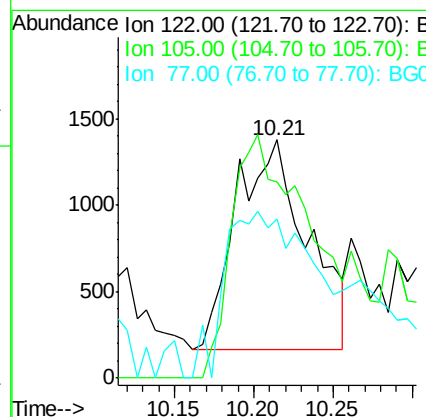
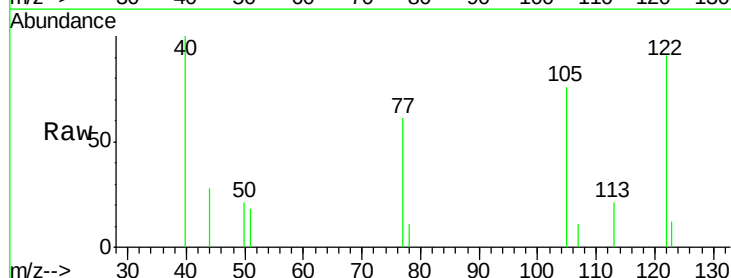
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

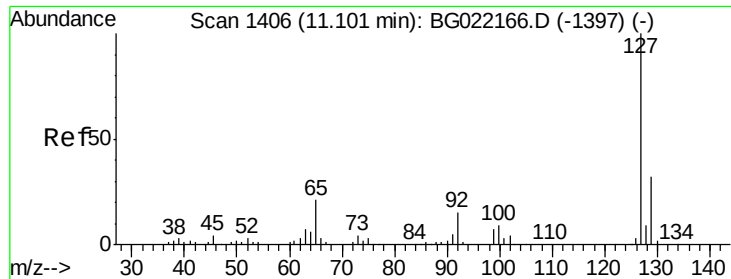
Tgt Ion:128 Resp: 309171
Ion Ratio Lower Upper
128 100
129 11.1 7.0 10.6#
127 14.7 10.1 15.1



#32
Benzoic acid
Concen: 13.74 ng
RT: 10.21 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:122 Resp: 3793
Ion Ratio Lower Upper
122 100
105 82.6 104.5 144.5#
77 66.6 79.9 119.9#

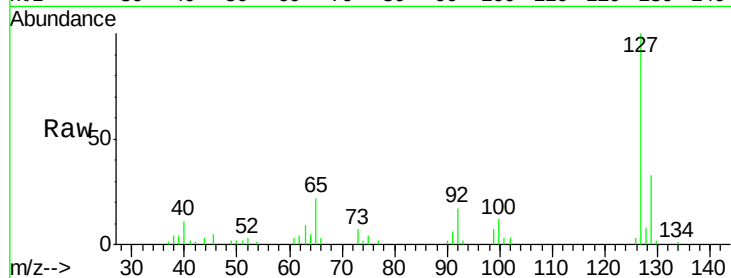




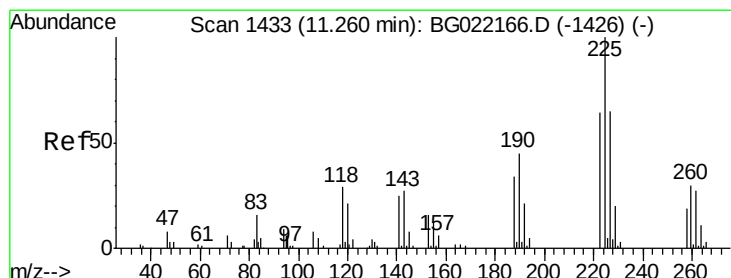
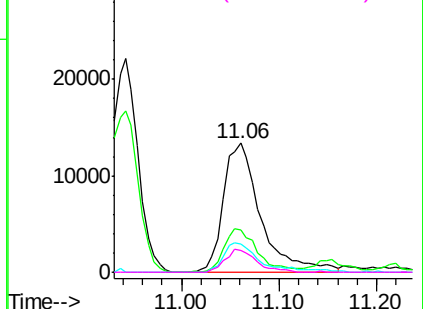
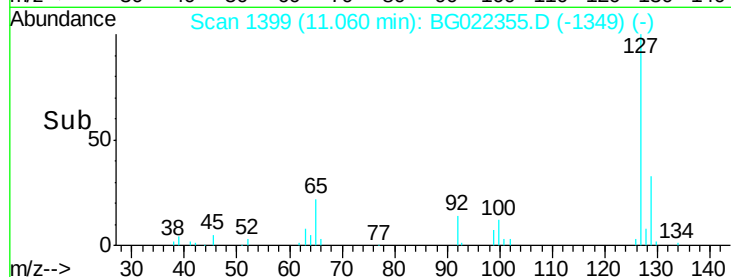
#33
4-Chloroaniline
Concen: 12.84 ng
RT: 11.06 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

Tgt Ion:127 Resp: 35468
Ion Ratio Lower Upper
127 100
129 32.7 26.6 39.8
65 22.0 27.5 41.3#
92 16.6 14.7 22.1

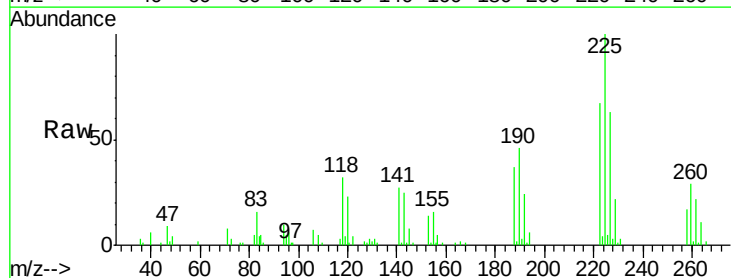


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

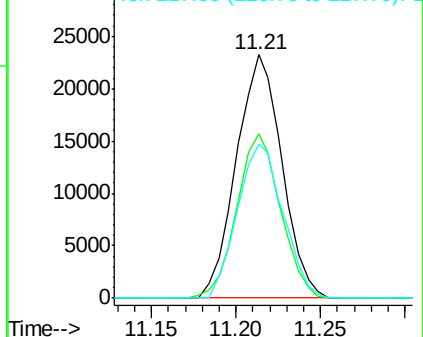
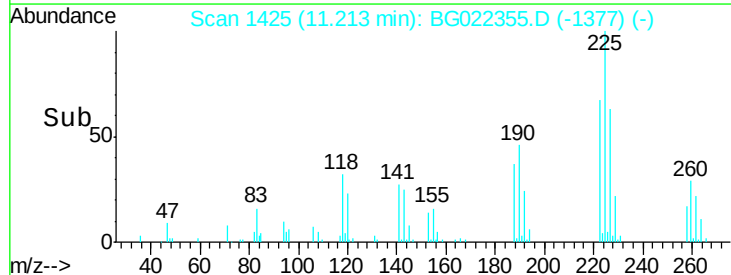


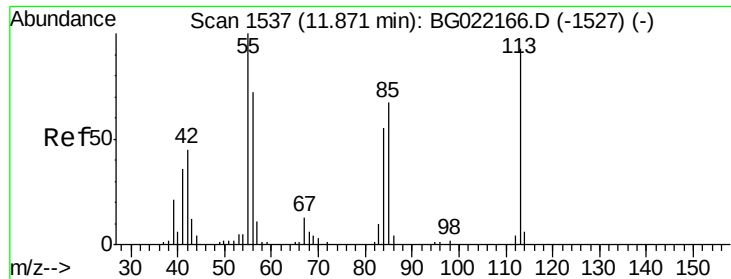
#34
Hexachlorobutadiene
Concen: 41.44 ng
RT: 11.21 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:225 Resp: 43393
Ion Ratio Lower Upper
225 100
223 71.2 52.7 79.1
227 66.7 49.7 74.5



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

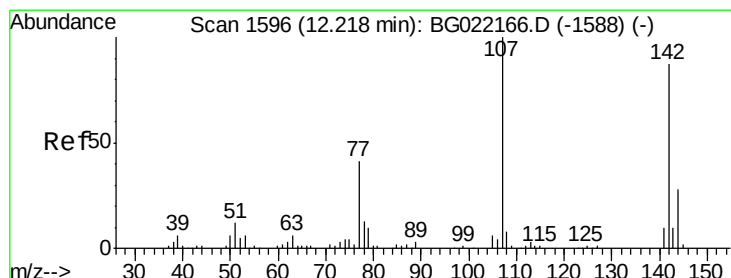
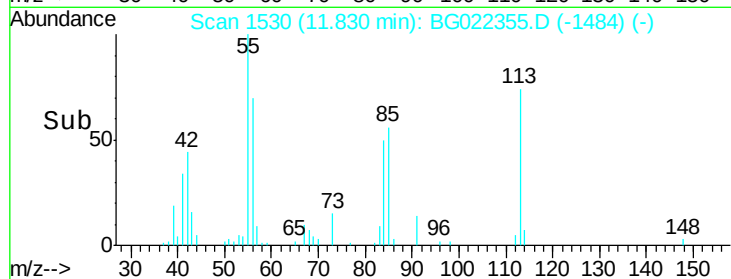
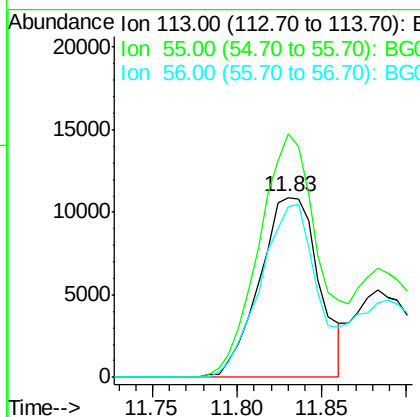
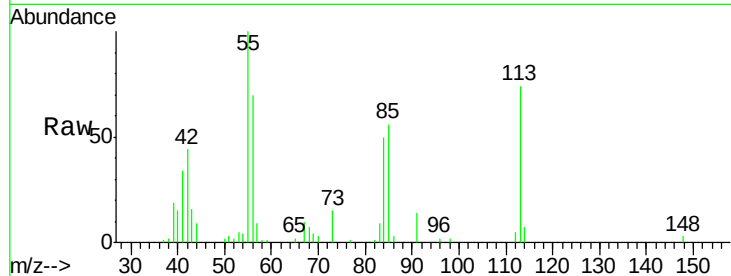




#35
 Caprolactam
 Concen: 27.67 ng
 RT: 11.83 min Scan# 1530
 Delta R.T. -0.03 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

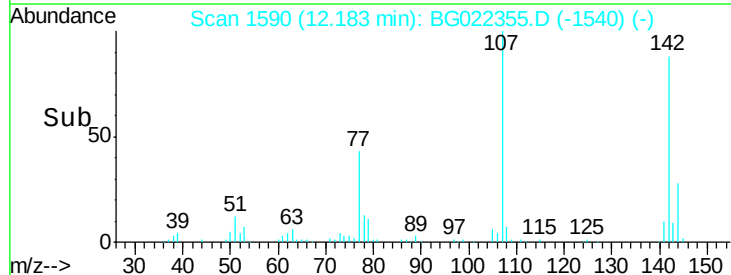
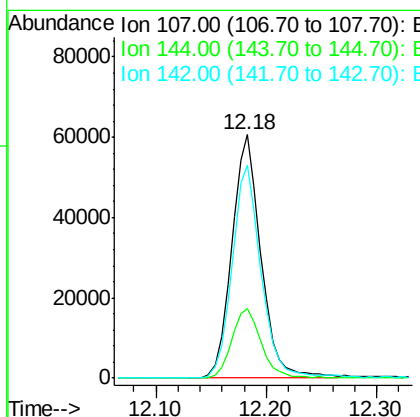
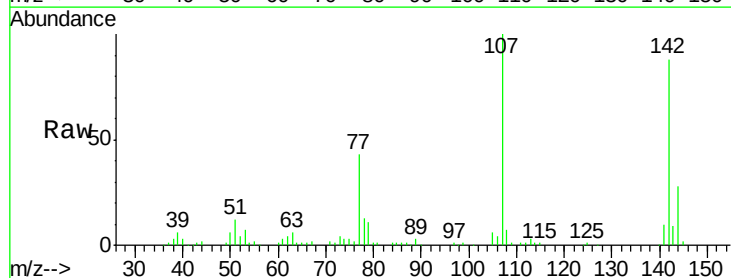
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

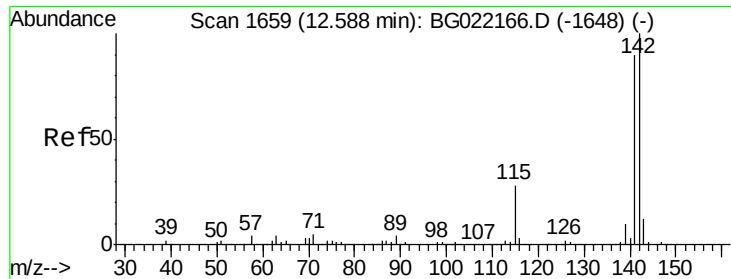
Tgt Ion:113 Resp: 26495
 Ion Ratio Lower Upper
 113 100
 55 135.2 194.2 234.2#
 56 95.0 122.6 162.6#



#36
 4-Chloro-3-methylphenol
 Concen: 54.02 ng
 RT: 12.18 min Scan# 1590
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:107 Resp: 111769
 Ion Ratio Lower Upper
 107 100
 144 28.4 19.2 28.8
 142 87.6 59.1 88.7

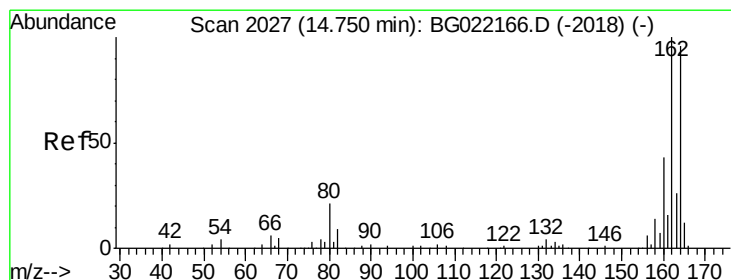
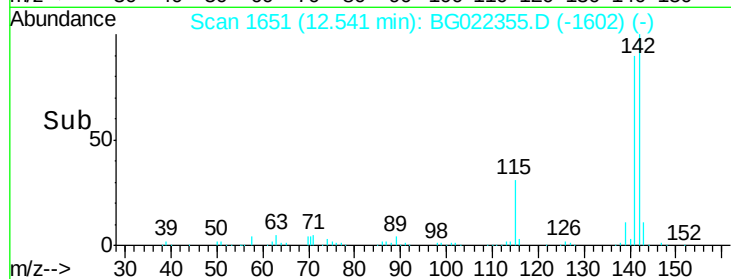
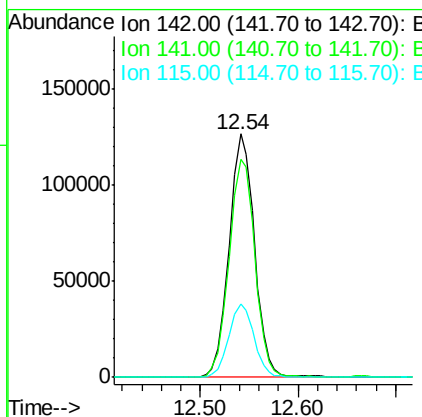
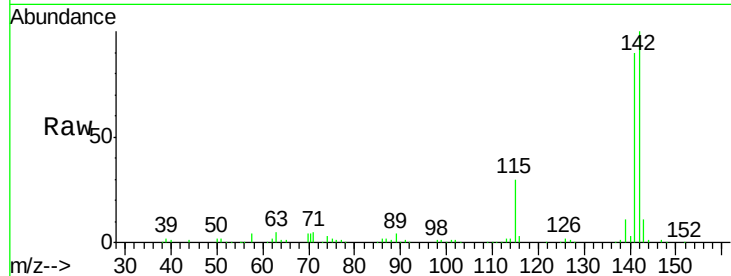




#37
 2-Methylnaphthalene
 Concen: 46.65 ng
 RT: 12.54 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

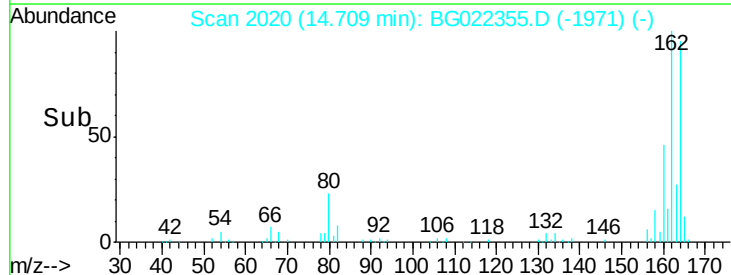
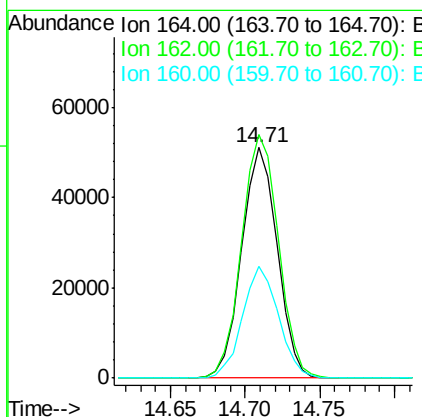
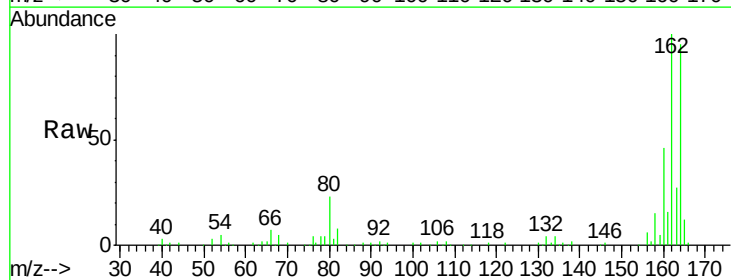
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

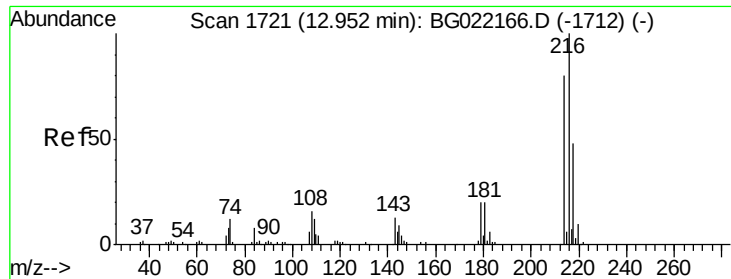
Tgt Ion:142 Resp: 228813
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.0
 115 30.4 27.4 41.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.71 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:164 Resp: 84267
 Ion Ratio Lower Upper
 164 100
 162 105.7 78.0 117.0
 160 48.3 32.9 49.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.41 ng

RT: 12.91 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

Tgt Ion:216 Resp: 98494

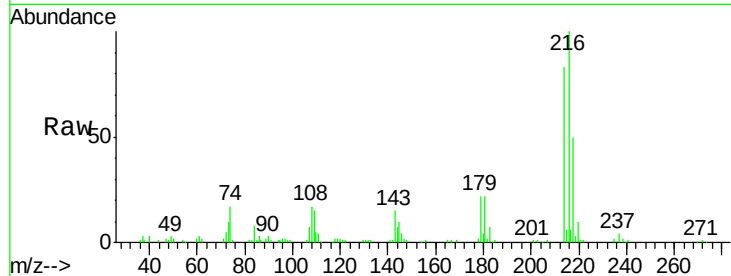
Ion Ratio Lower Upper

216 100

214 78.6 62.2 93.2

179 21.7 16.7 25.1

108 19.0 14.0 21.0

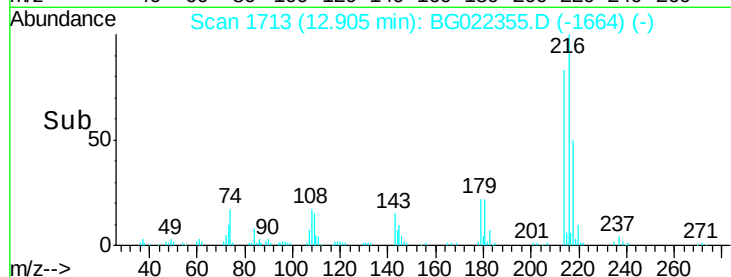


Abundance Ion 216.00 (215.70 to 216.70): E

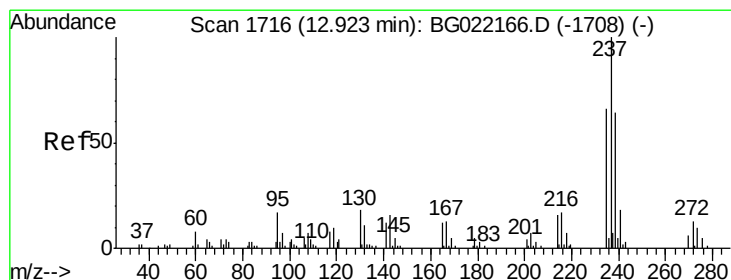
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 12.80 12.90 13.00



#40

Hexachlorocyclopentadiene

Concen: 48.25 ng

RT: 12.88 min Scan# 1709

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

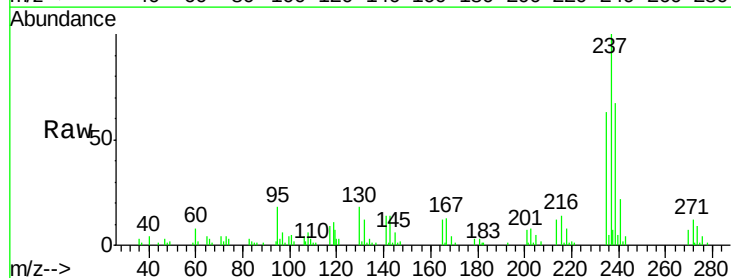
Tgt Ion:237 Resp: 50949

Ion Ratio Lower Upper

237 100

235 62.6 43.2 83.2

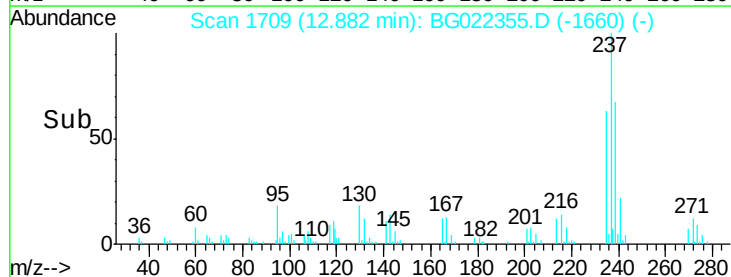
272 11.9 0.0 33.4



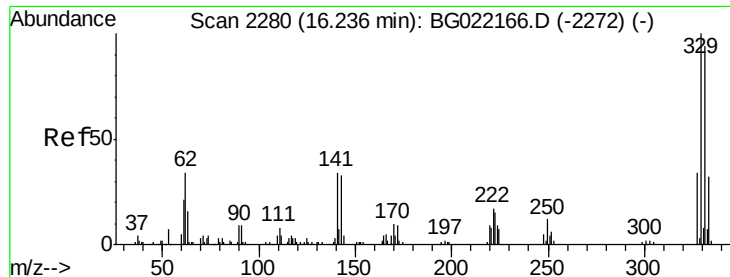
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



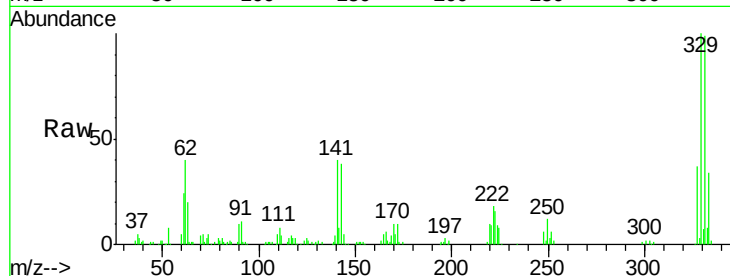
Time--> 12.80 12.85 12.90 12.95



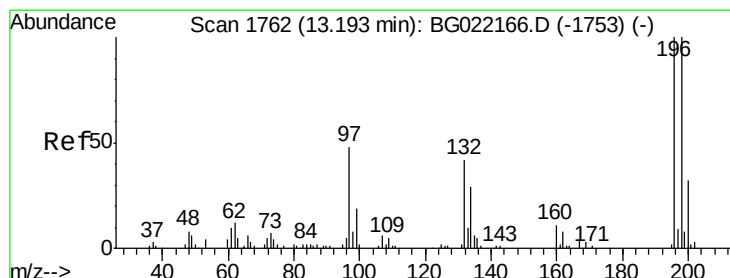
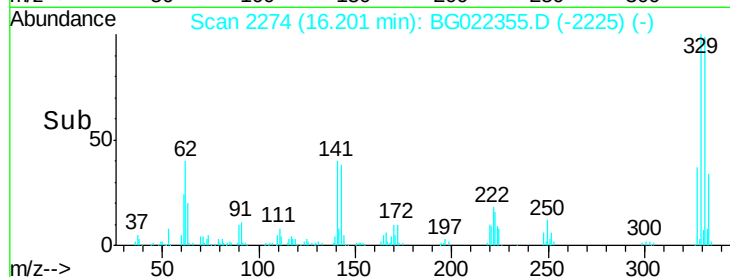
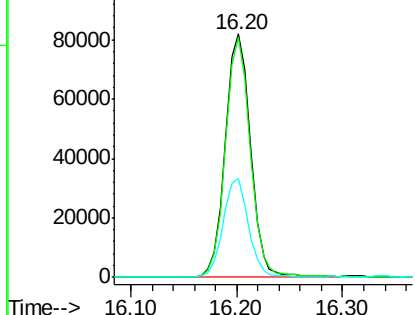
#41
 2,4,6-Tribromophenol
 Concen: 143.07 ng
 RT: 16.20 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:330 Resp: 136231
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 40.5 33.8 50.8

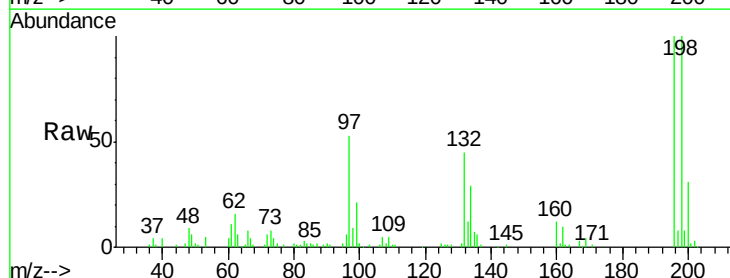


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

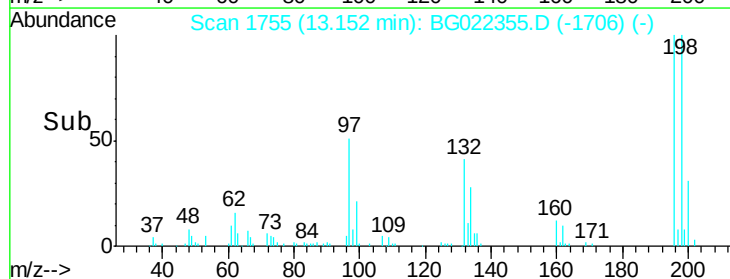
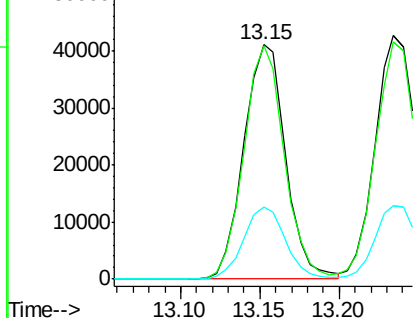


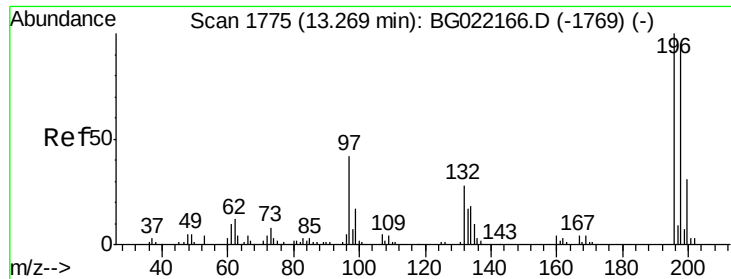
#42
 2,4,6-Trichlorophenol
 Concen: 51.82 ng
 RT: 13.15 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:196 Resp: 75402
 Ion Ratio Lower Upper
 196 100
 198 99.7 80.1 120.1
 200 30.9 24.1 36.1



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

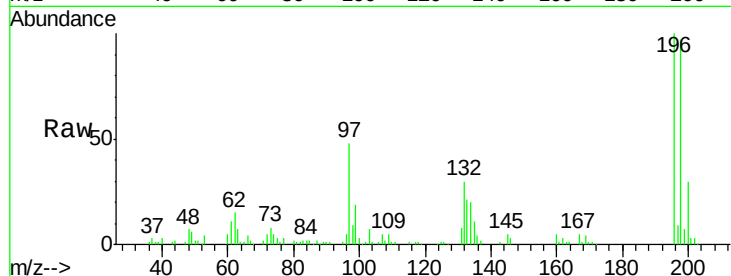




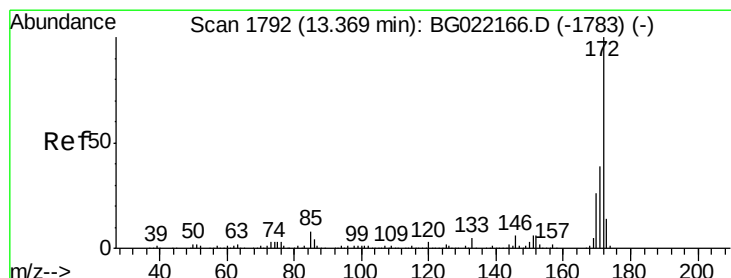
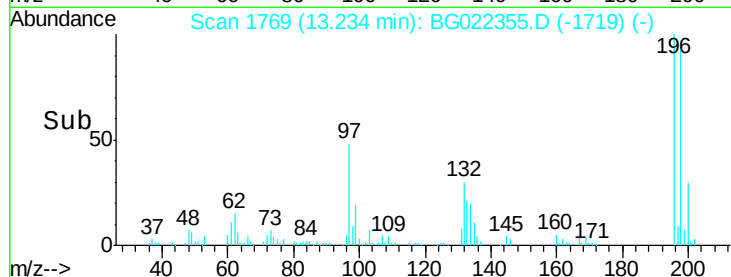
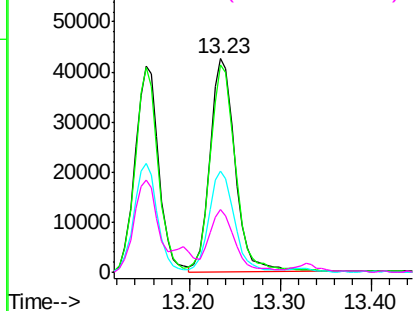
#43
 2,4,5-Trichlorophenol
 Concen: 50.83 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:	196	Resp:	81722
Ion	Ratio	Lower	Upper
196	100		
198	97.3	78.0	117.0
97	47.6	43.0	64.6
132	29.5	23.0	34.4

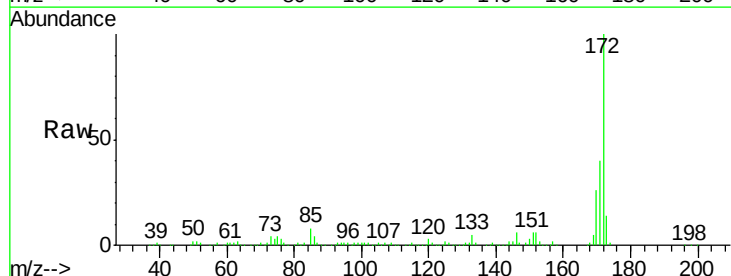


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

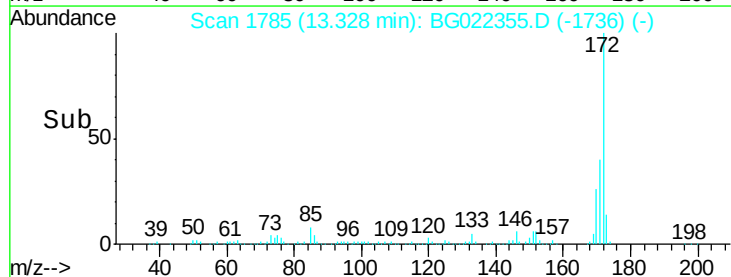
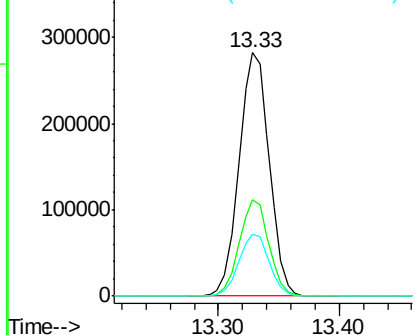


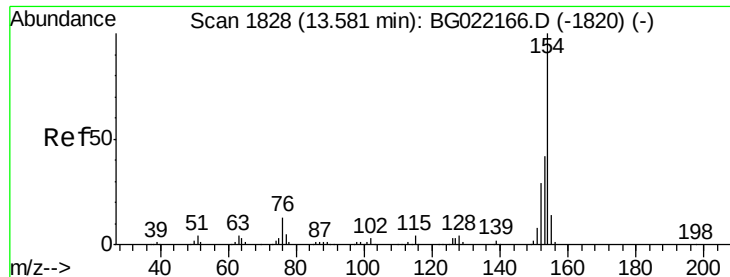
#44
 2-Fluorobiphenyl
 Concen: 88.91 ng
 RT: 13.33 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:	172	Resp:	491632
Ion	Ratio	Lower	Upper
172	100		
171	39.7	27.8	41.6
170	25.5	19.6	29.4



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

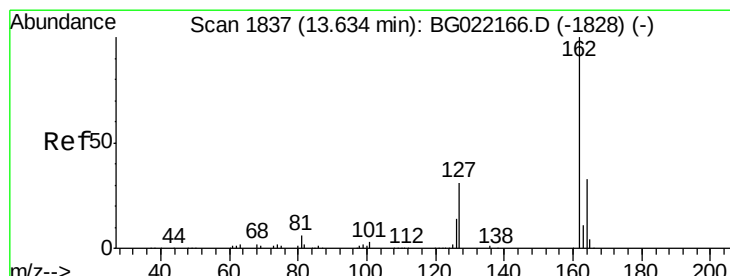
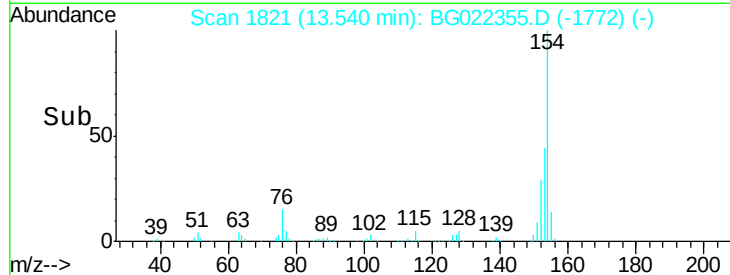
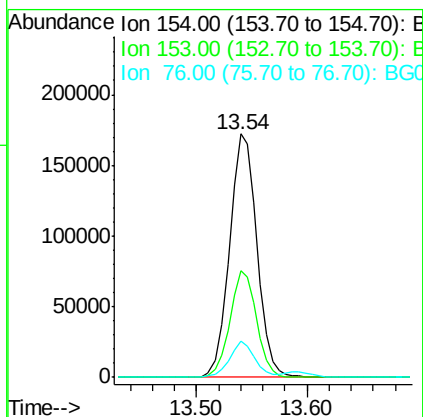
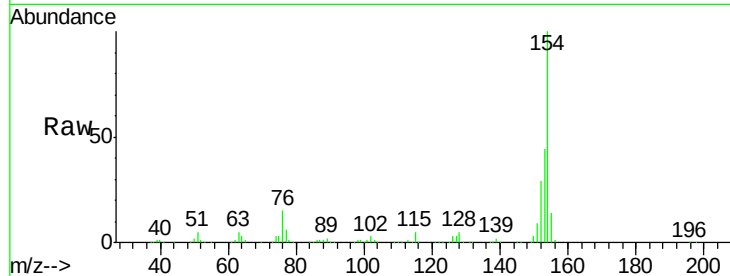




#45
 1,1'-Biphenyl
 Concen: 47.02 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

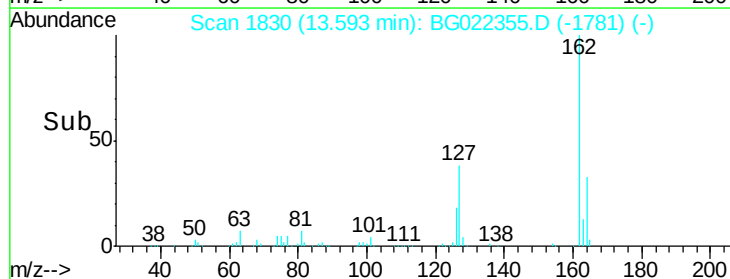
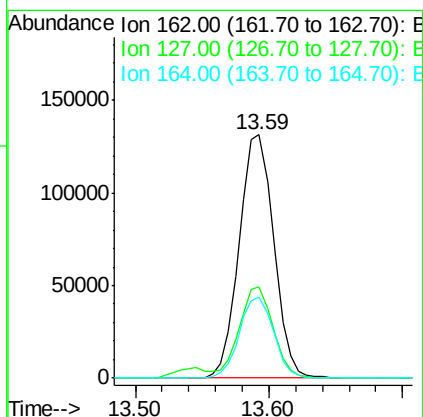
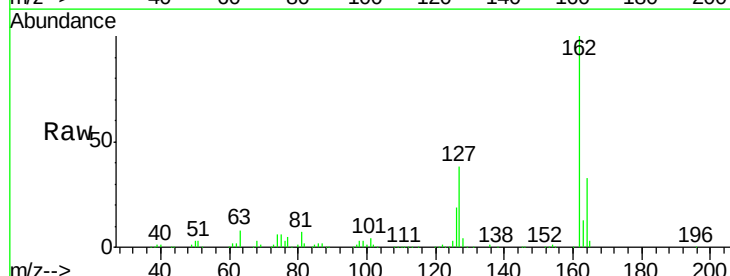
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

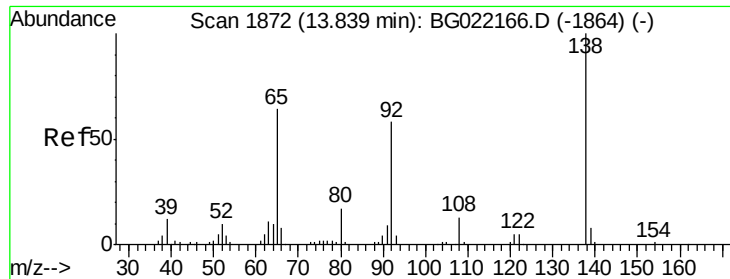
Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	19.7	59.7
76	14.7	0.0	33.0



#46
 2-Chloronaphthalene
 Concen: 48.44 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.6	32.0	48.0
164	33.1	27.0	40.4

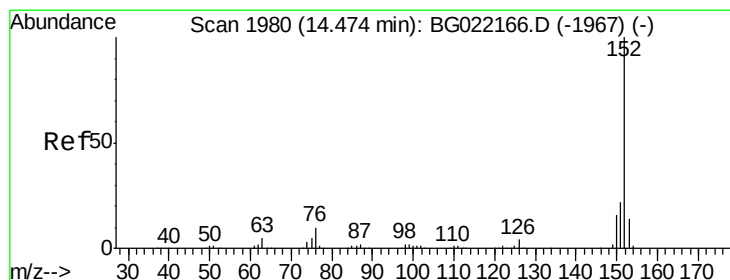
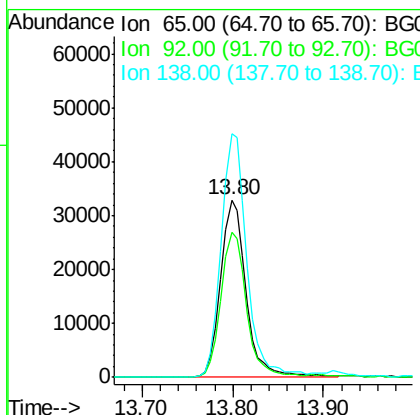
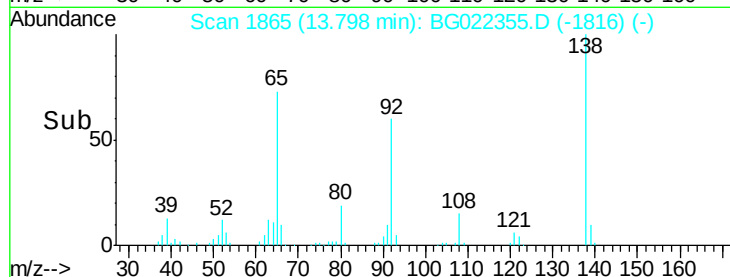
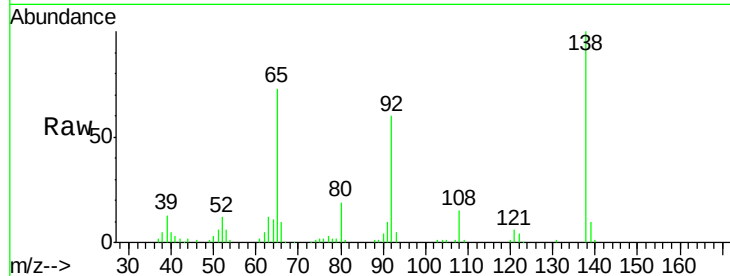




#47
2-Nitroaniline
Concen: 55.71 ng
RT: 13.80 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

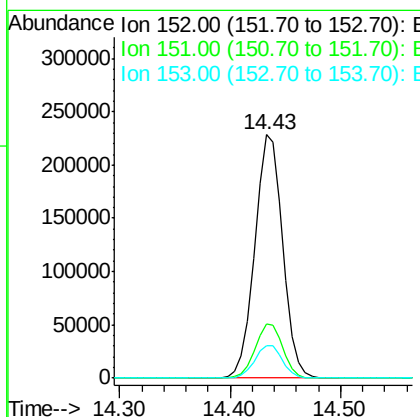
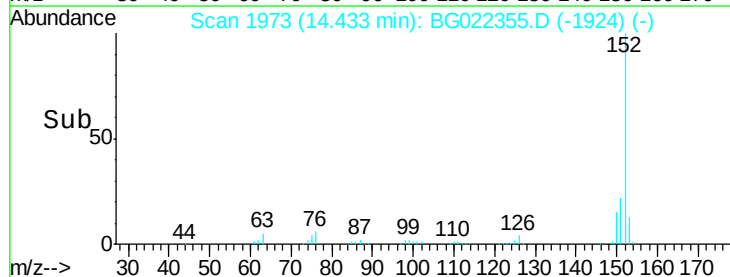
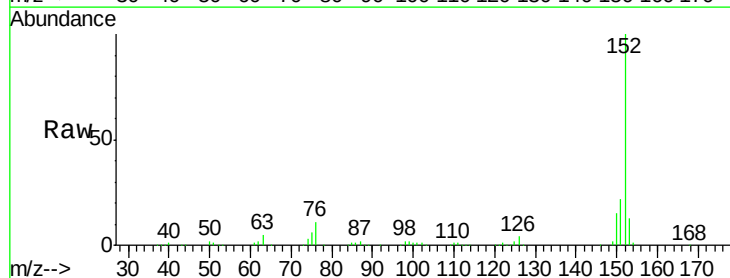
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

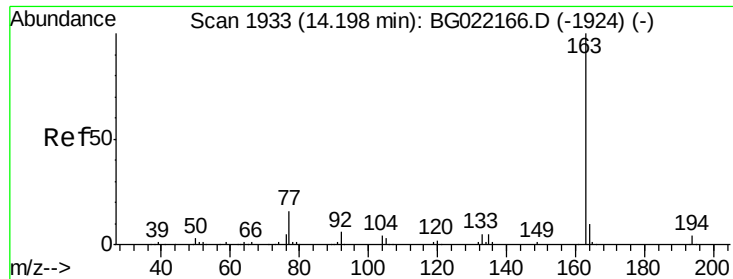
Tgt Ion: 65 Resp: 64571
Ion Ratio Lower Upper
65 100
92 81.8 49.2 73.8#
138 137.0 75.0 112.6#



#48
Acenaphthylene
Concen: 47.46 ng
RT: 14.43 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 152 Resp: 404820
Ion Ratio Lower Upper
152 100
151 22.4 16.6 24.8
153 13.2 10.2 15.2

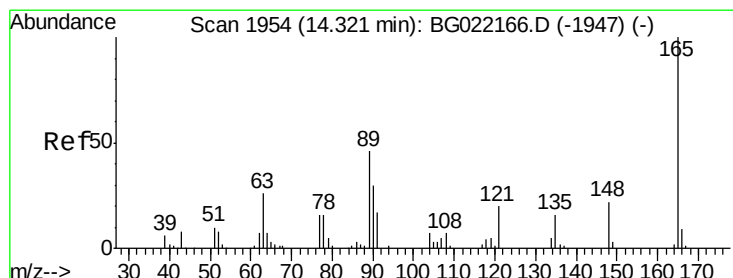
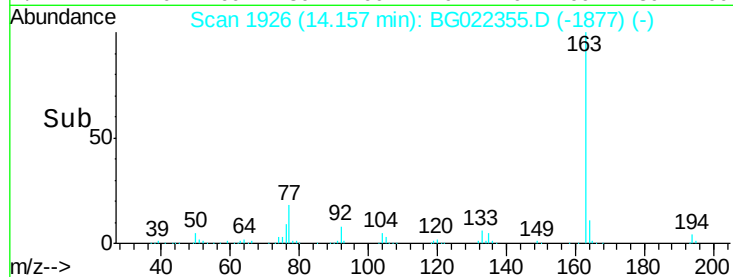
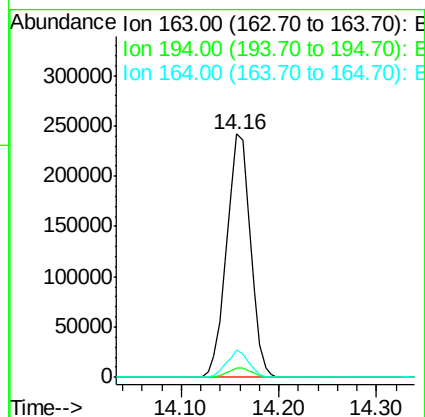
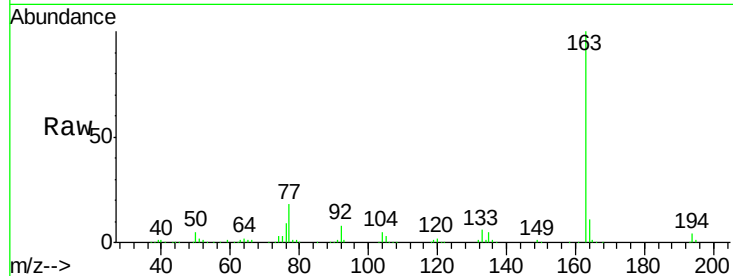




#49
Dimethylphthalate
Concen: 58.65 ng
RT: 14.16 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

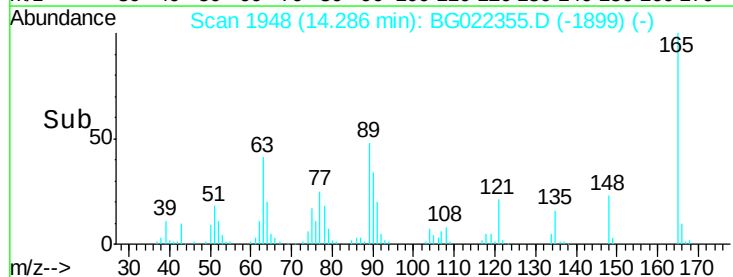
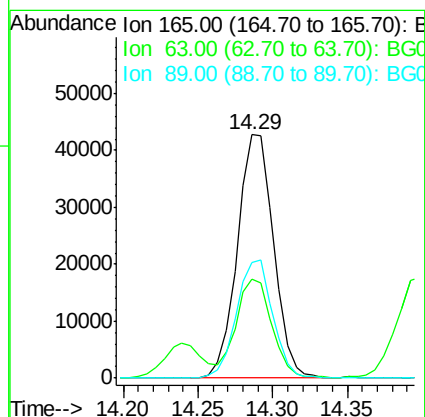
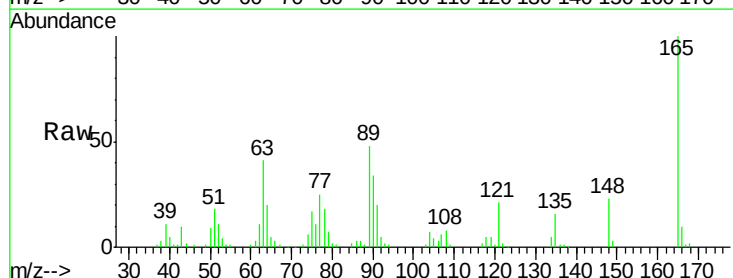
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

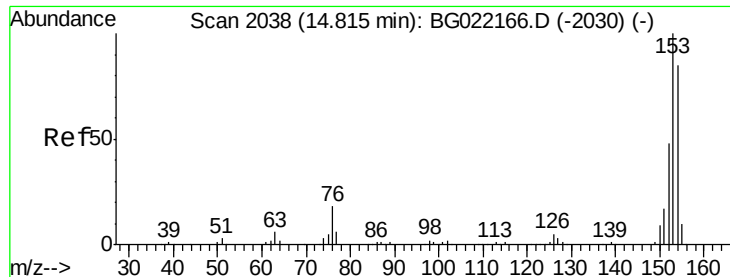
Tgt Ion:163 Resp: 409773
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 11.4 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 47.31 ng
RT: 14.29 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:165 Resp: 71852
Ion Ratio Lower Upper
165 100
63 40.7 48.2 72.4#
89 47.6 45.3 67.9





#51

Acenaphthene

Concen: 46.89 ng

RT: 14.77 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

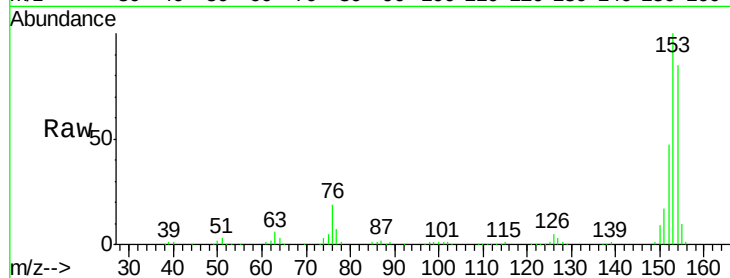
Tgt Ion:154 Resp: 239637

Ion Ratio Lower Upper

154 100

153 117.1 91.9 137.9

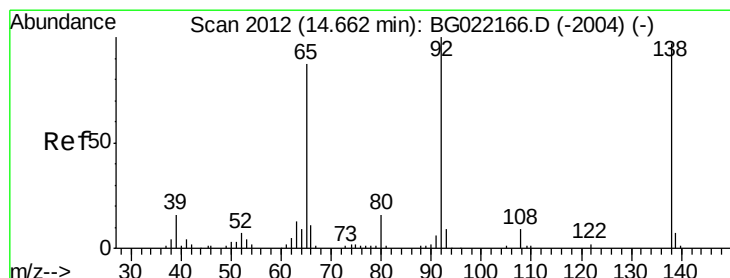
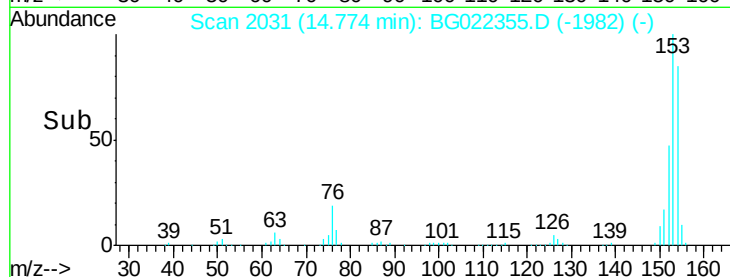
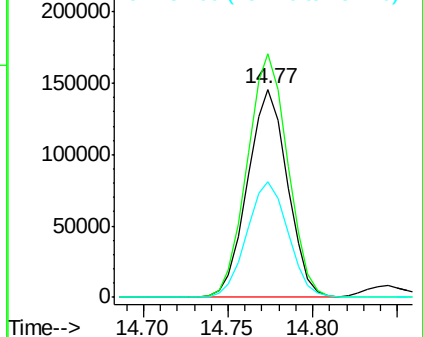
152 55.5 42.0 63.0



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: 22.79 ng

RT: 14.63 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

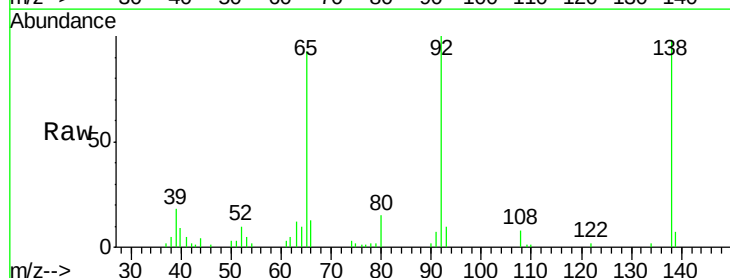
Tgt Ion:138 Resp: 38391

Ion Ratio Lower Upper

138 100

108 8.2 9.1 13.7#

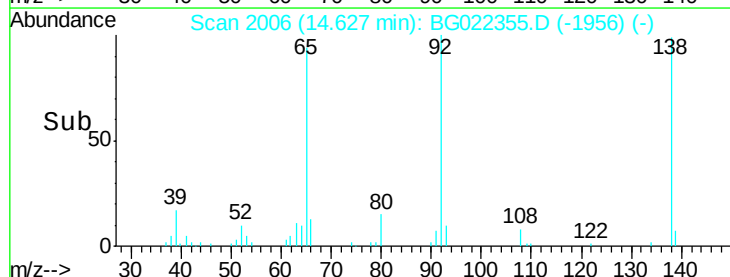
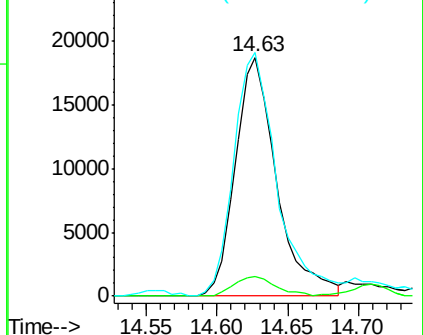
92 101.9 102.6 154.0#

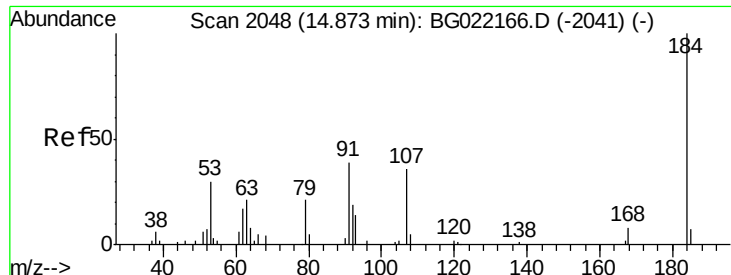


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

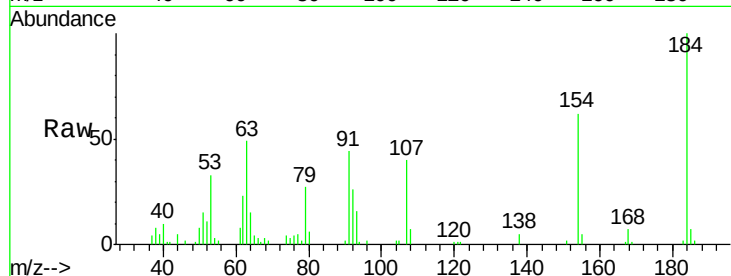




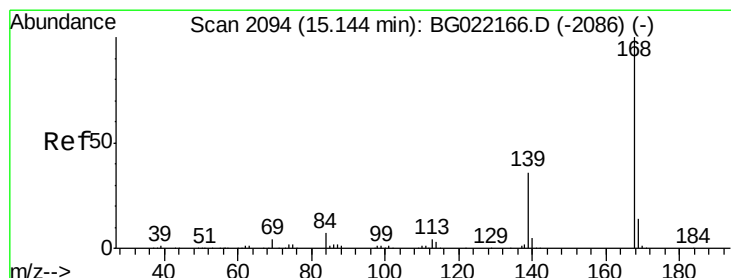
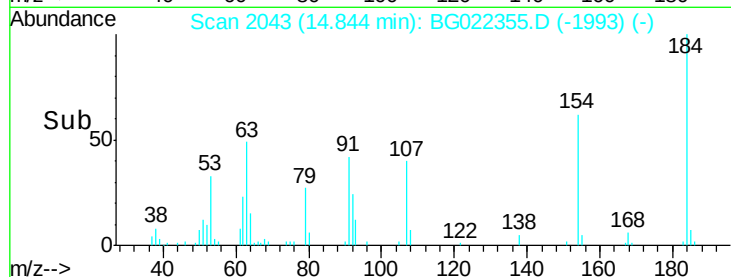
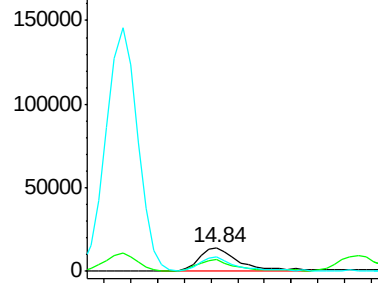
#53
 2,4-Dinitrophenol
 Concen: 52.77 ng
 RT: 14.84 min Scan# 2043
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion:184 Resp: 30063
 Ion Ratio Lower Upper
 184 100
 63 49.4 57.3 85.9#
 154 61.7 55.2 82.8

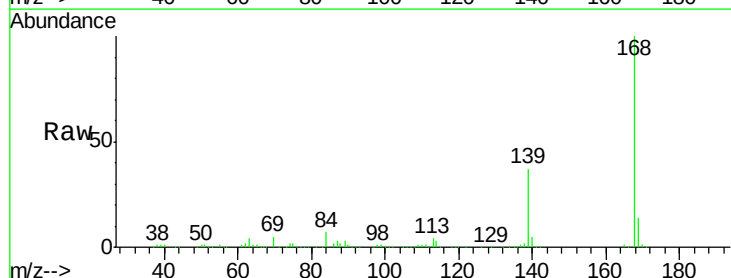


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E

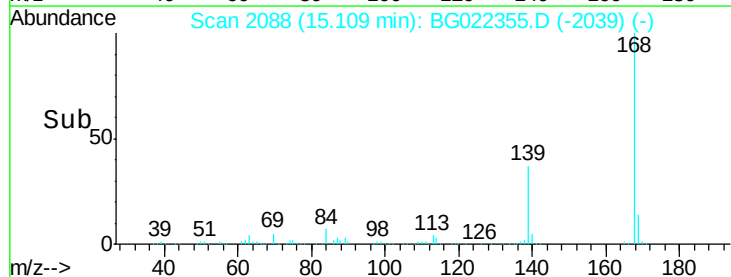
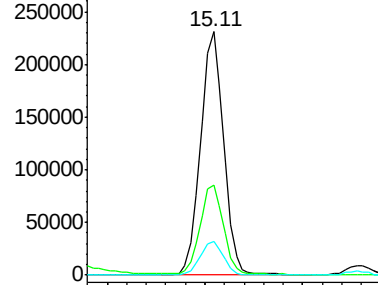


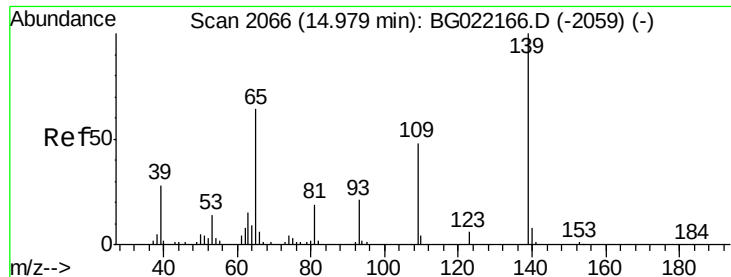
#54
 Dibenzofuran
 Concen: 47.59 ng
 RT: 15.11 min Scan# 2088
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:168 Resp: 379558
 Ion Ratio Lower Upper
 168 100
 139 36.8 31.1 46.7
 169 13.9 11.0 16.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

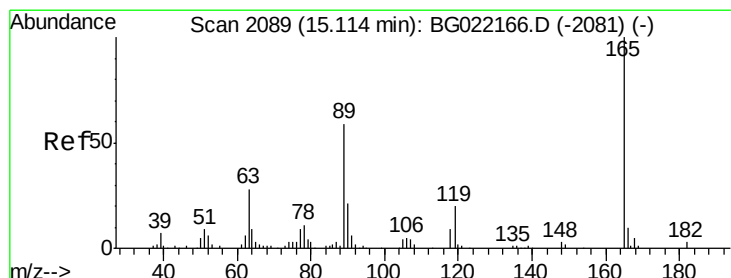
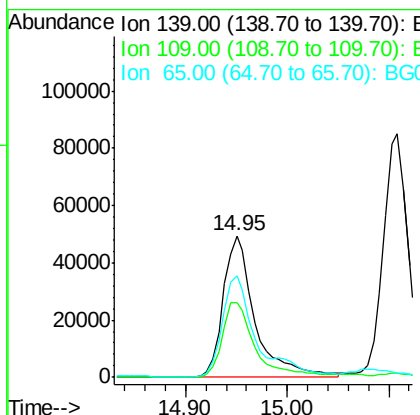
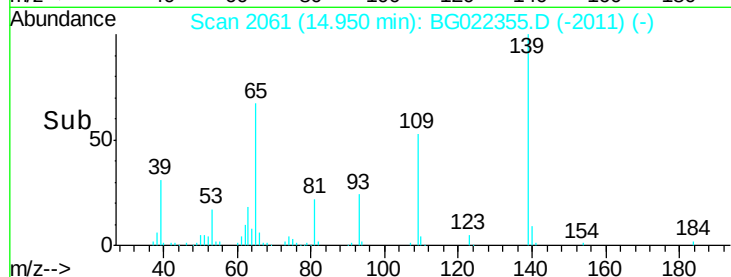
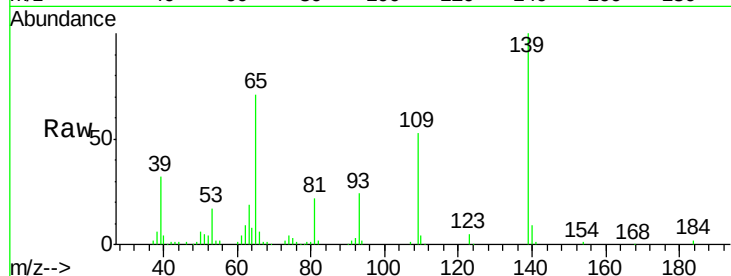




#55
4-Nitrophenol
Concen: 92.77 ng
RT: 14.95 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

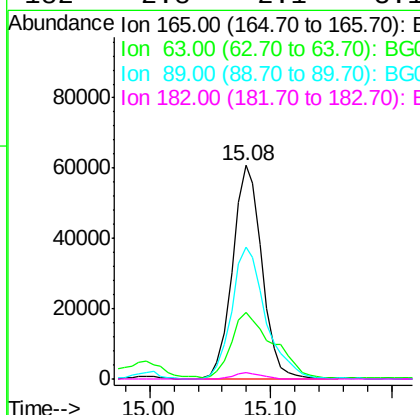
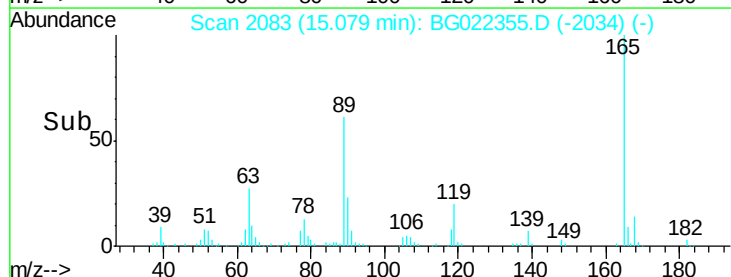
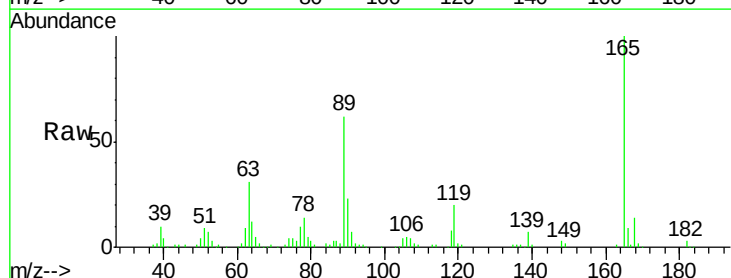
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

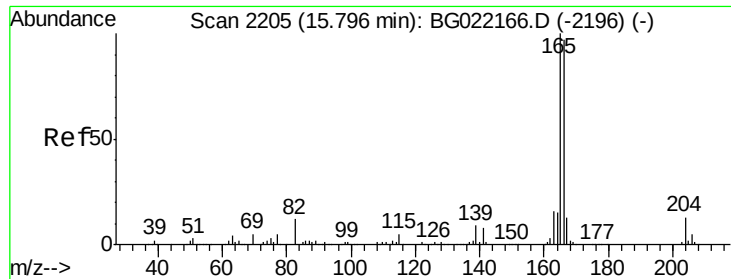
Tgt Ion:139 Resp: 107858
Ion Ratio Lower Upper
139 100
109 52.9 49.2 89.2
65 71.4 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 50.46 ng
RT: 15.08 min Scan# 2083
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:165 Resp: 102814
Ion Ratio Lower Upper
165 100
63 31.1 37.4 56.0#
89 61.8 59.4 89.0
182 2.8 2.1 3.1

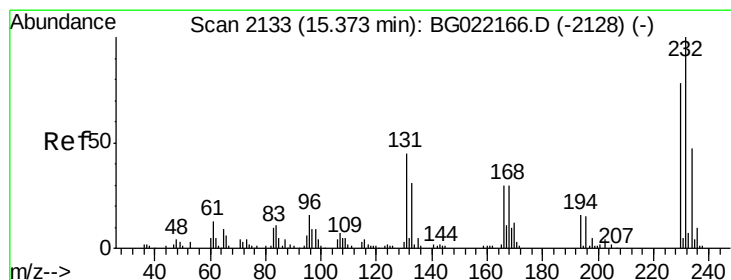
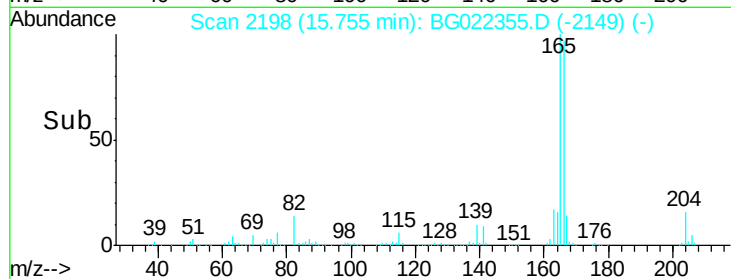
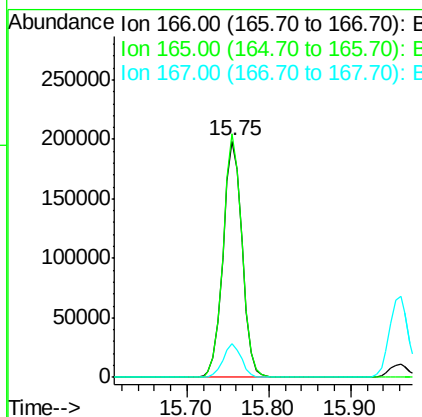
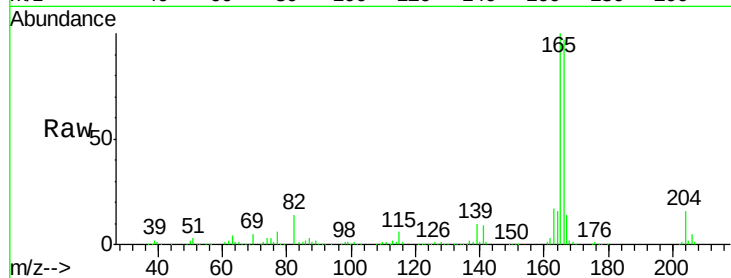




#57
 Fluorene
 Concen: 46.61 ng
 RT: 15.75 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

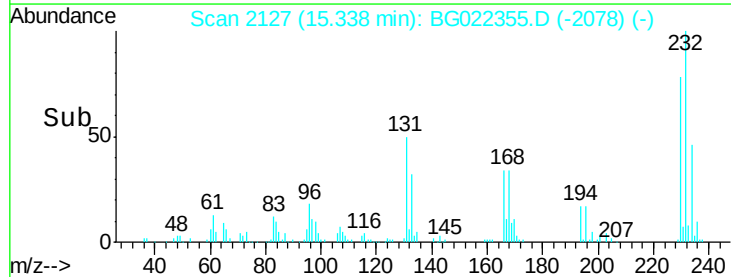
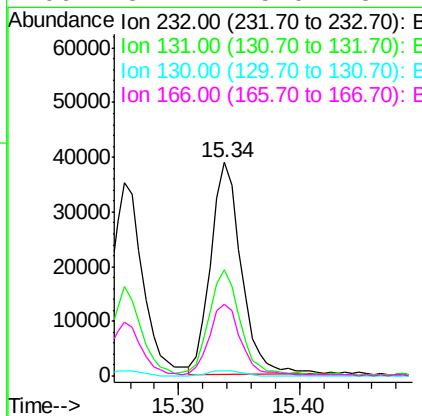
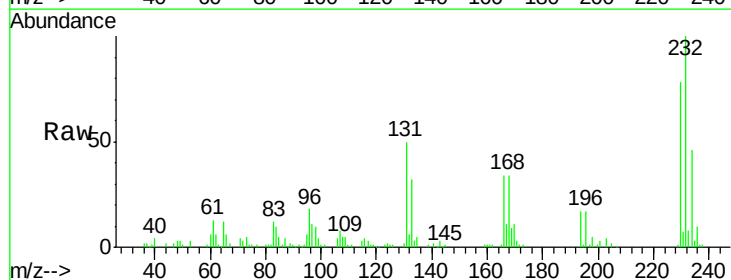
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

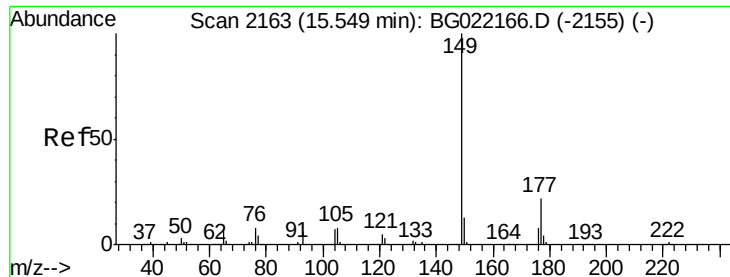
Tgt Ion:166 Resp: 320205
 Ion Ratio Lower Upper
 166 100
 165 103.2 79.0 118.4
 167 14.2 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.95 ng
 RT: 15.34 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:232 Resp: 67697
 Ion Ratio Lower Upper
 232 100
 131 50.5 36.3 54.5
 130 2.7 1.9 2.9
 166 34.1 25.0 37.4

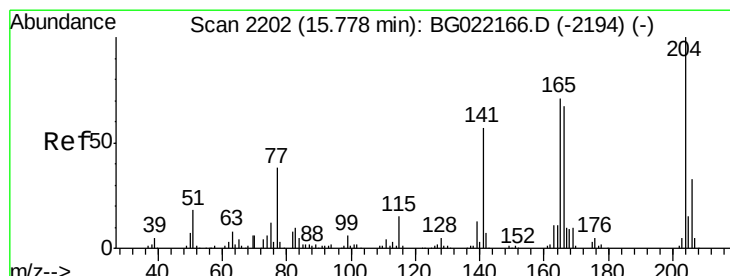
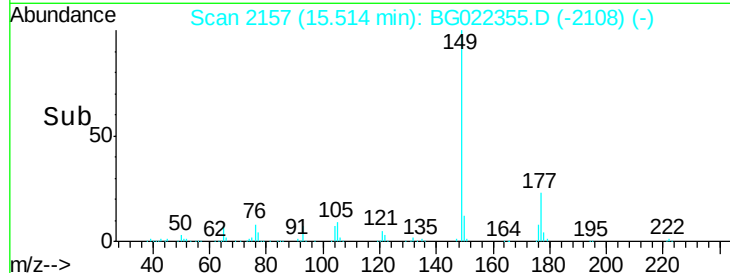
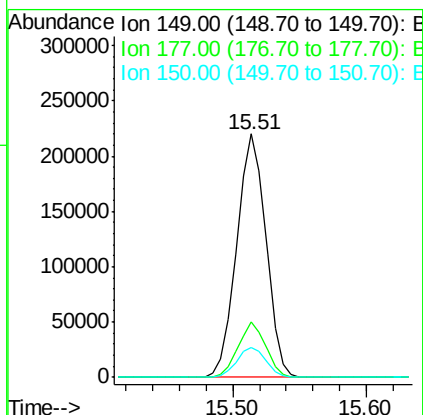
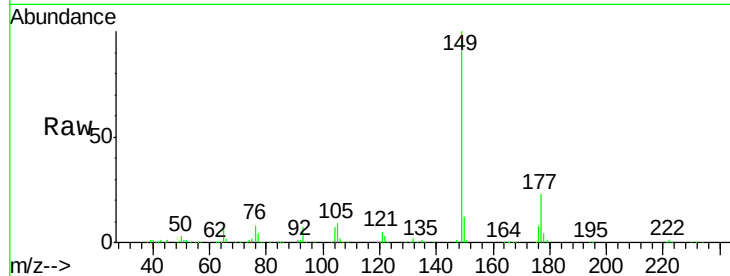




#59
Diethylphthalate
Concen: 44.57 ng
RT: 15.51 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

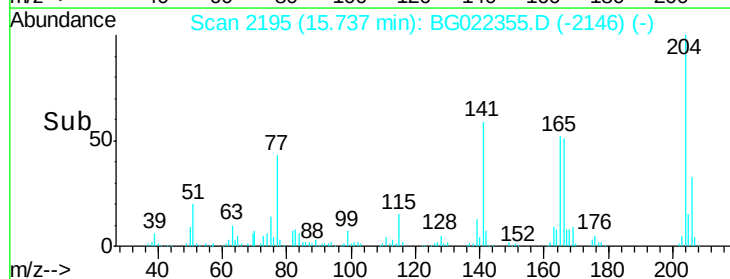
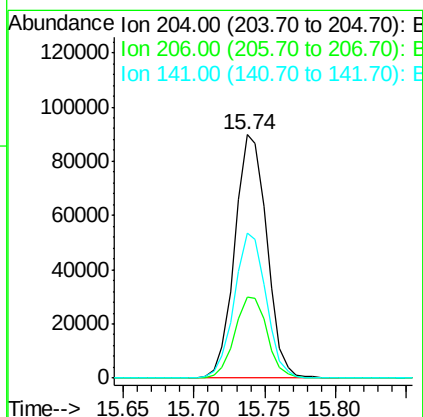
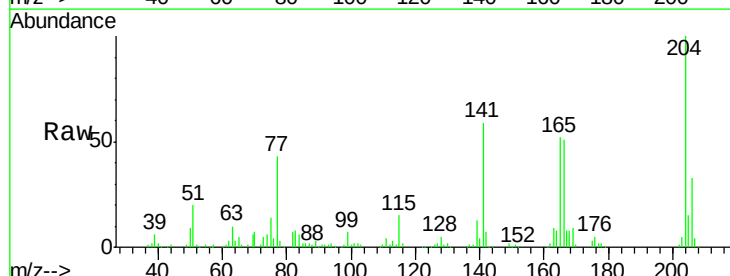
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

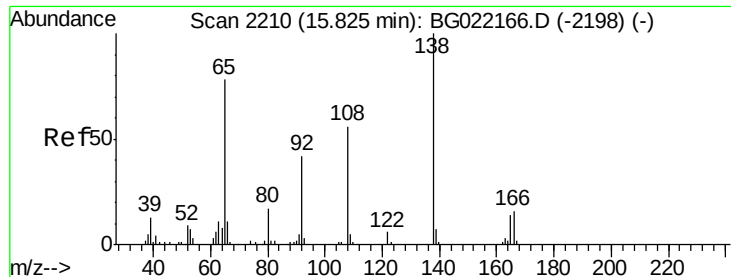
Tgt Ion:149 Resp: 332628
Ion Ratio Lower Upper
149 100
177 22.7 17.3 25.9
150 12.3 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 45.76 ng
RT: 15.74 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:204 Resp: 142373
Ion Ratio Lower Upper
204 100
206 33.3 27.8 41.8
141 59.4 51.0 76.4

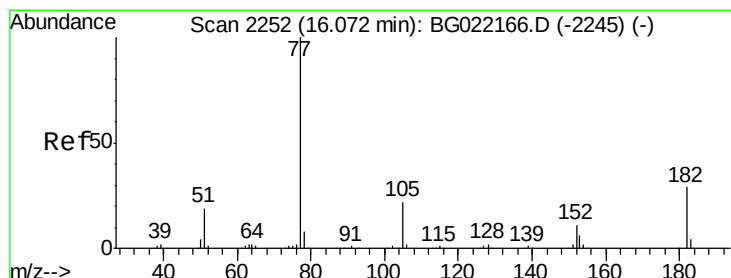
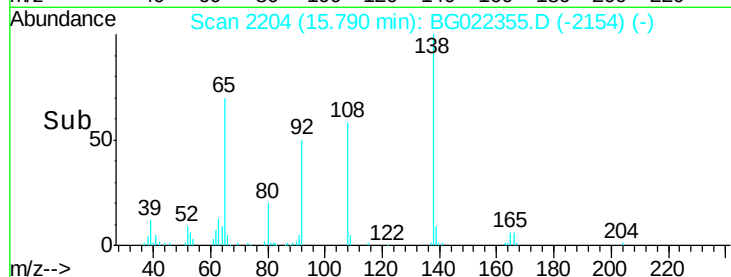
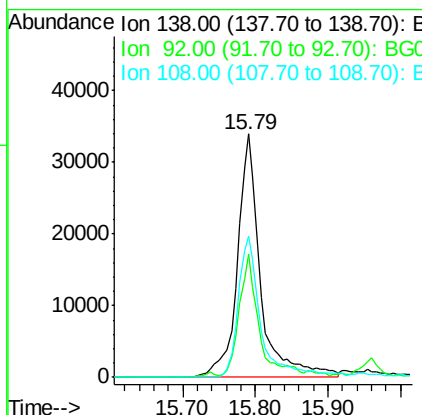
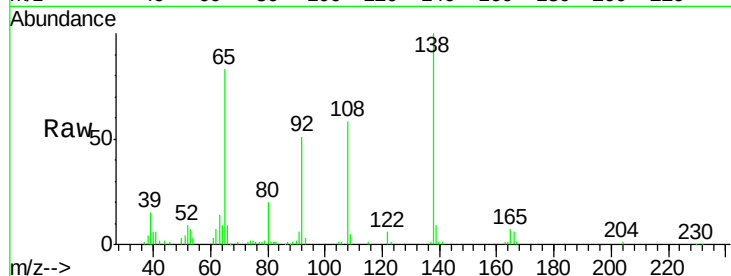




#61
4-Nitroaniline
Concen: 42.06 ng
RT: 15.79 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

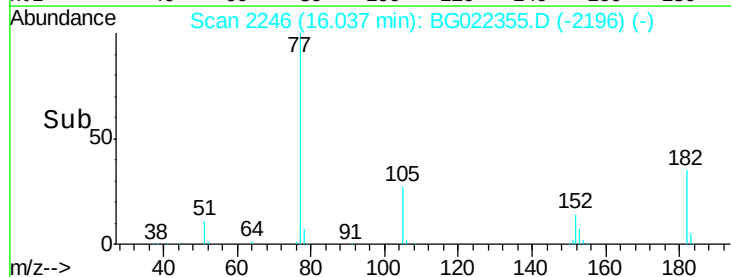
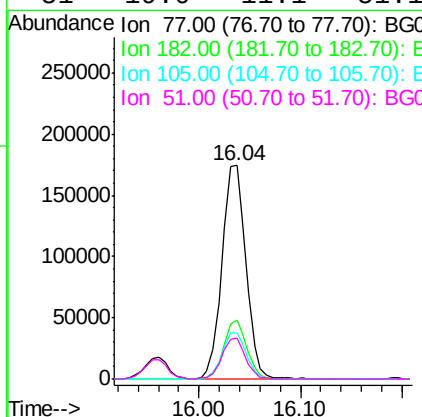
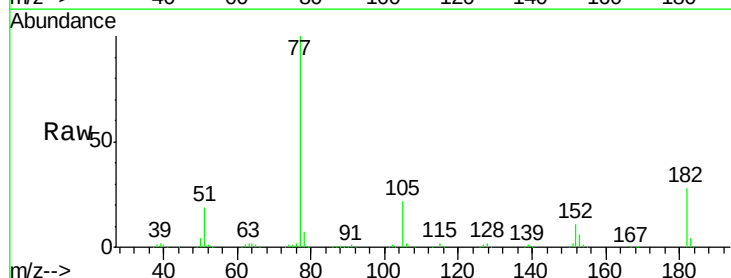
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

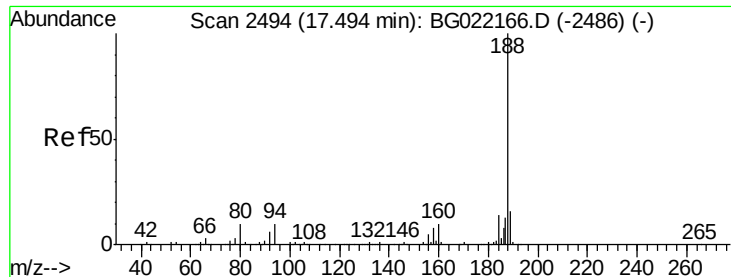
Tgt Ion: 138 Resp: 75147
Ion Ratio Lower Upper
138 100
92 50.9 37.7 77.7
108 58.0 59.4 99.4#



#62
Azobenzene
Concen: 50.38 ng
RT: 16.04 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 77 Resp: 284774
Ion Ratio Lower Upper
77 100
182 27.7 4.1 44.1
105 21.9 0.0 39.8
51 19.0 11.1 51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.45 min Scan# 2487

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

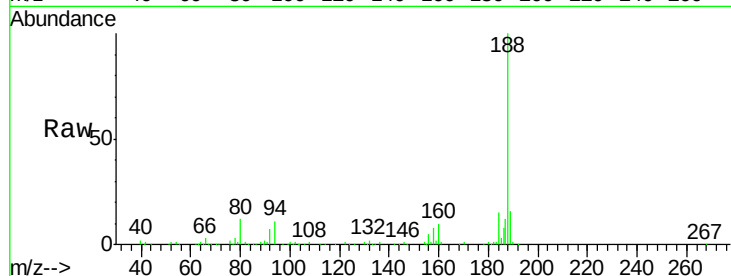
Tgt Ion:188 Resp: 189490

Ion Ratio Lower Upper

188 100

94 11.2 7.5 11.3

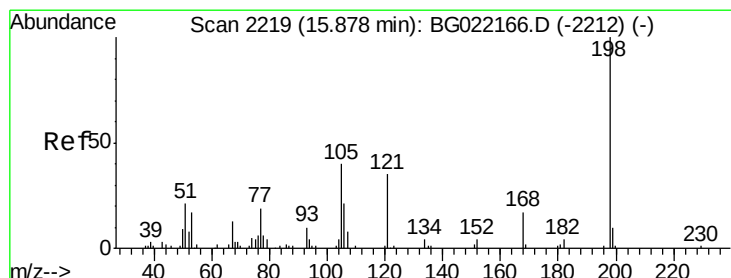
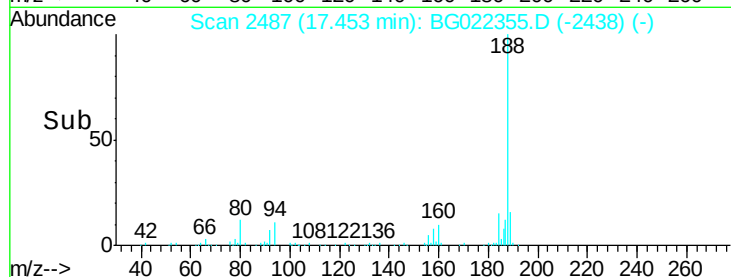
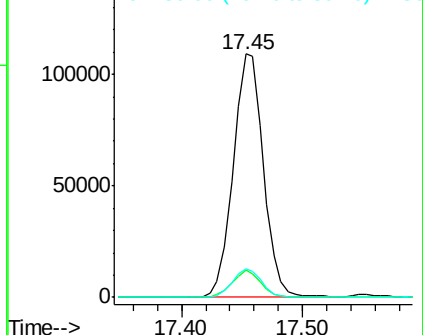
80 11.9 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 45.83 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

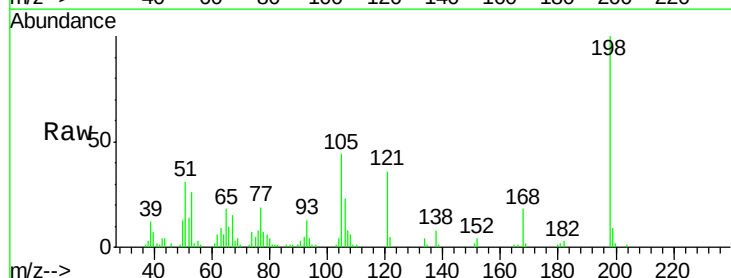
Tgt Ion:198 Resp: 43769

Ion Ratio Lower Upper

198 100

51 30.5 29.2 69.2

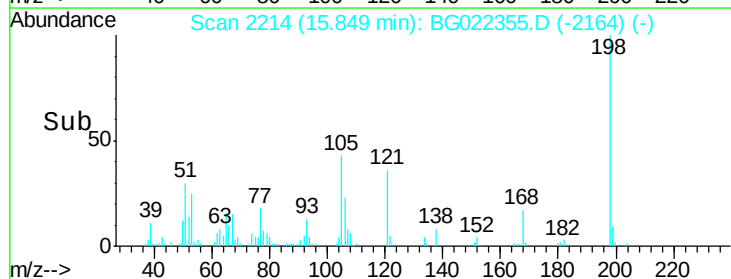
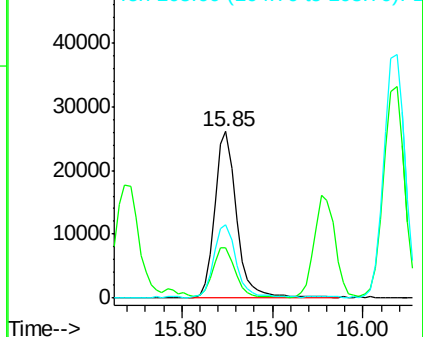
105 43.7 24.0 64.0

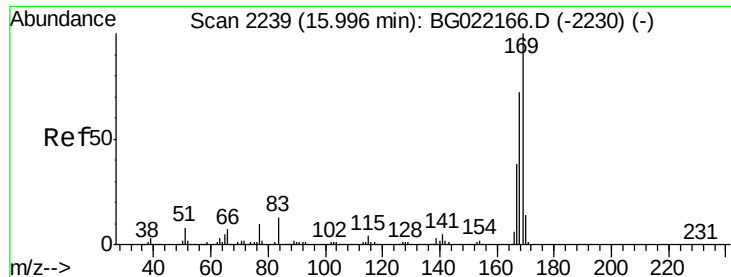


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

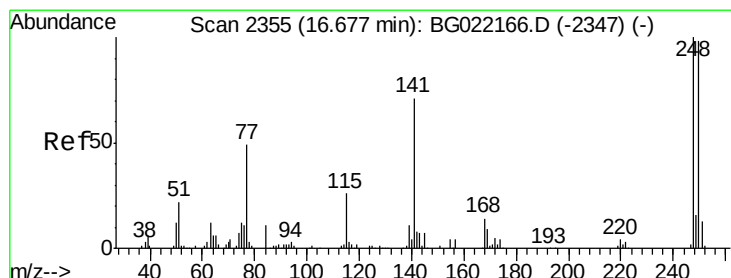
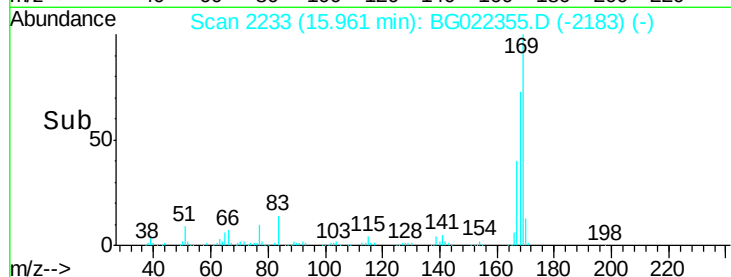
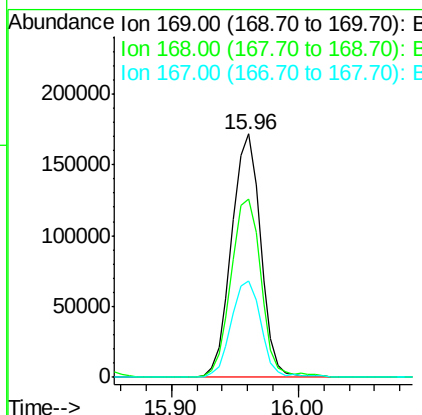
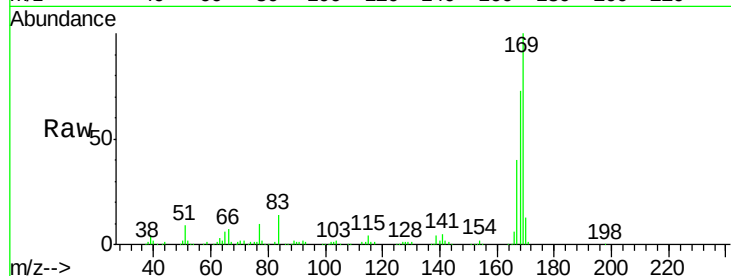




#65
 n-Nitrosodiphenylamine
 Concen: 49.98 ng
 RT: 15.96 min Scan# 2233
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

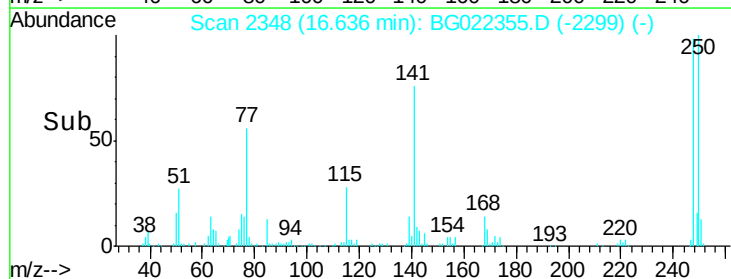
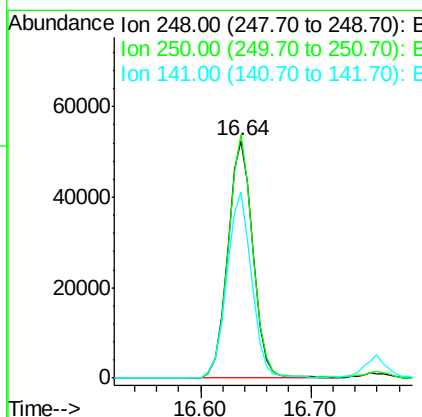
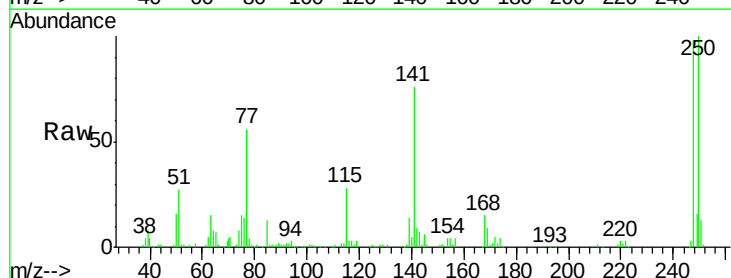
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

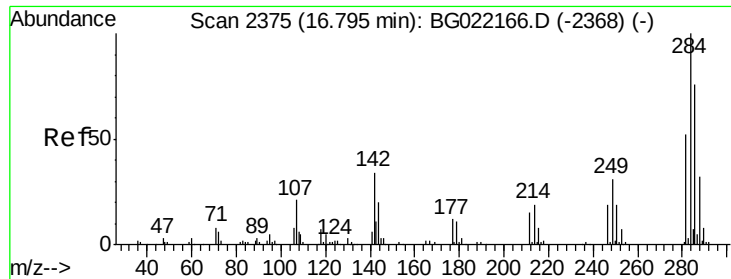
Tgt Ion	Ratio	Lower	Upper
169	100		
168	73.5	59.6	89.4
167	39.7	31.2	46.8



#66
 4-Bromophenyl-phenylether
 Concen: 47.06 ng
 RT: 16.64 min Scan# 2348
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	102.4	76.6	114.8
141	78.2	63.8	95.6

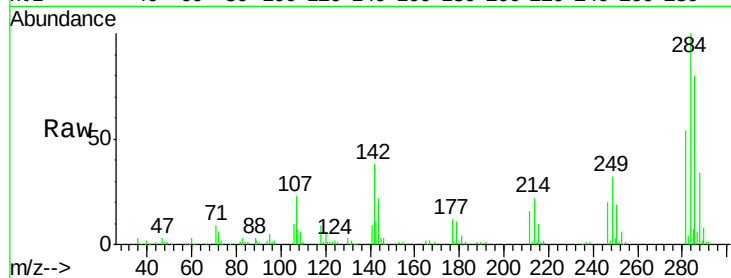




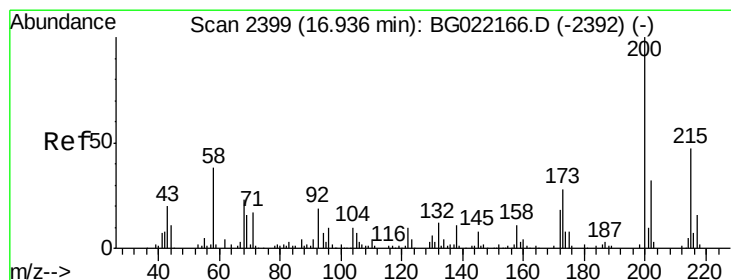
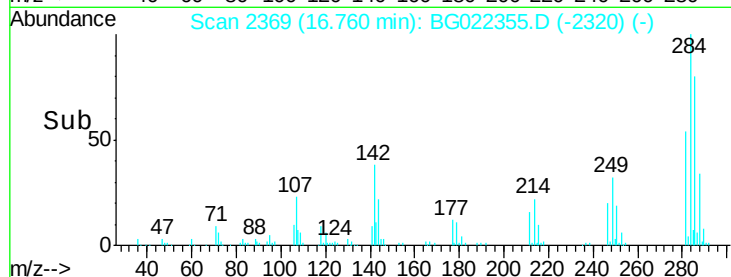
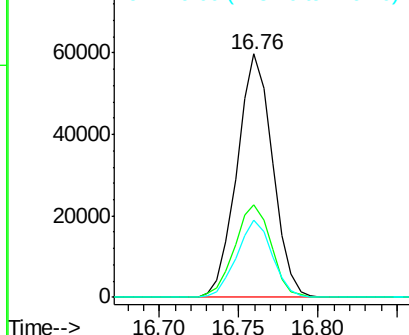
#67
Hexachlorobenzene
Concen: 44.93 ng
RT: 16.76 min Scan# 2369
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

Tgt Ion: 284 Resp: 92985
Ion Ratio Lower Upper
284 100
142 38.1 31.8 47.6
249 34.2 27.3 40.9

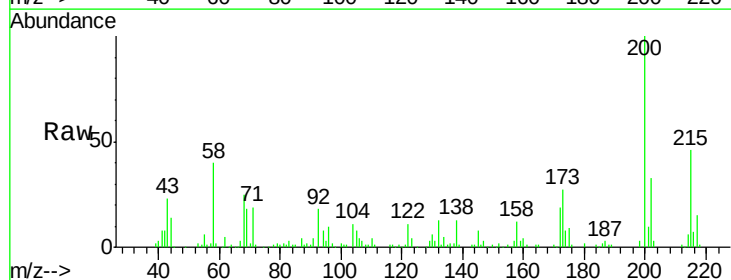


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

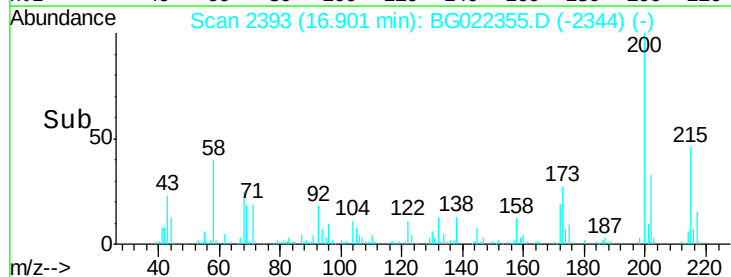
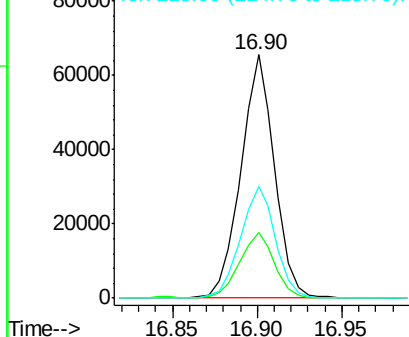


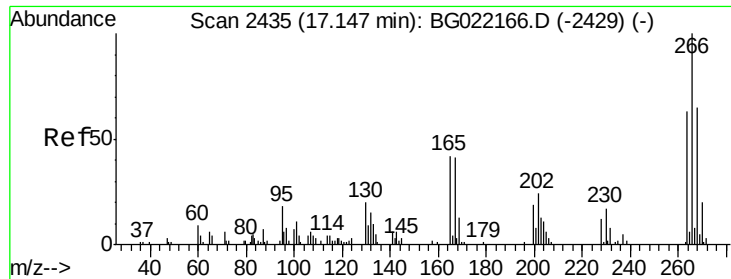
#68
Atrazine
Concen: 44.69 ng
RT: 16.90 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion: 200 Resp: 90292
Ion Ratio Lower Upper
200 100
173 27.1 5.1 45.1
215 46.0 28.0 68.0



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

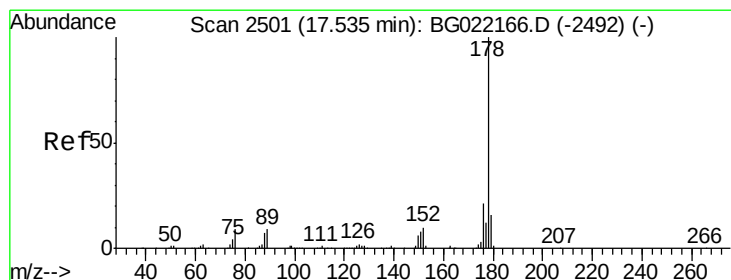
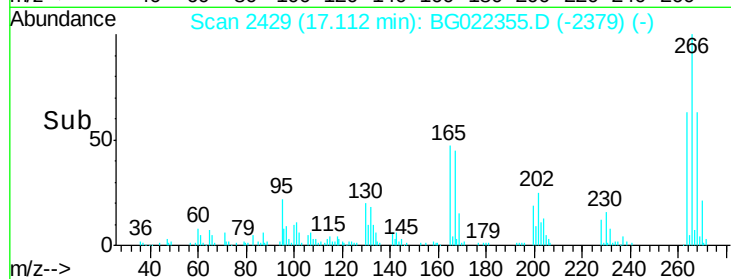
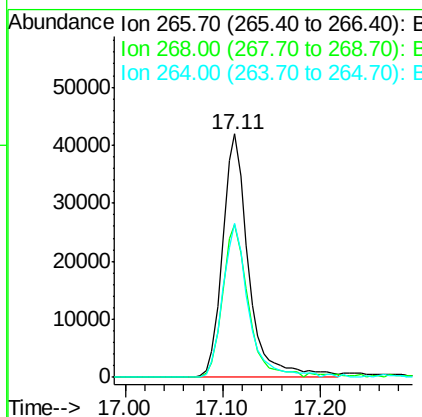
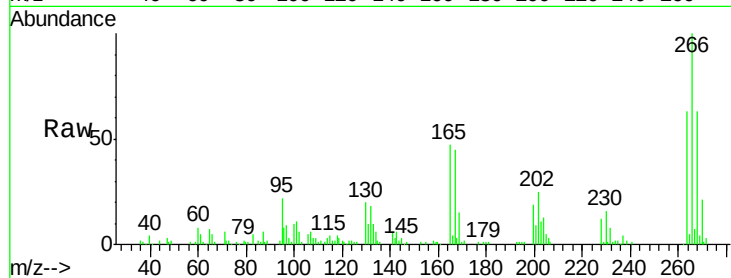




#69
 Pentachlorophenol
 Concen: 82.58 ng
 RT: 17.11 min Scan# 2429
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

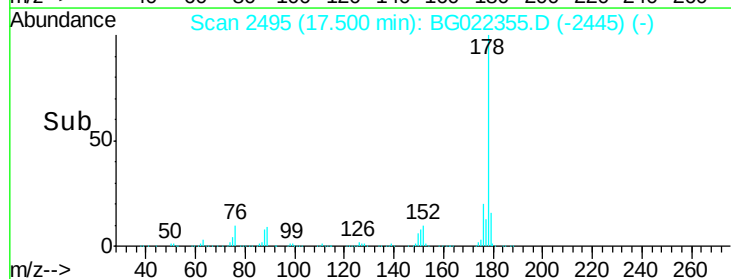
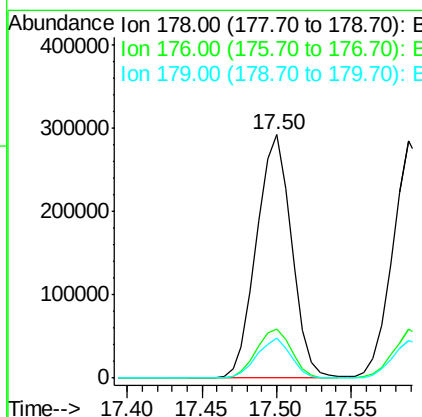
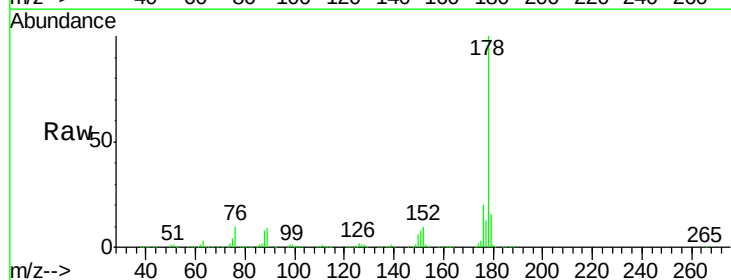
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

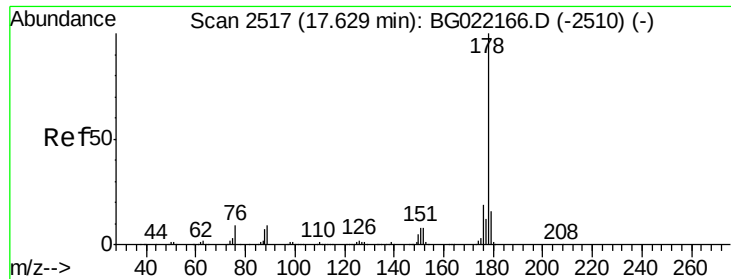
Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.2	54.5	81.7
264	68.5	53.8	80.6



#70
 Phenanthrene
 Concen: 46.28 ng
 RT: 17.50 min Scan# 2495
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	16.3	12.0	18.0

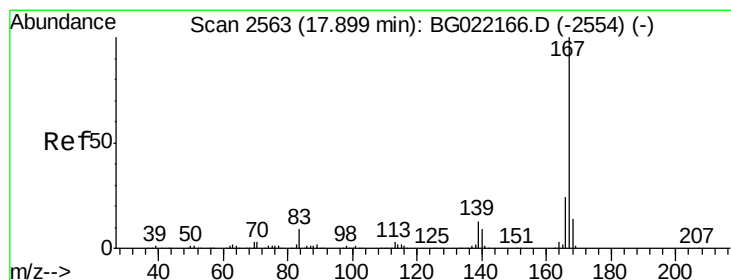
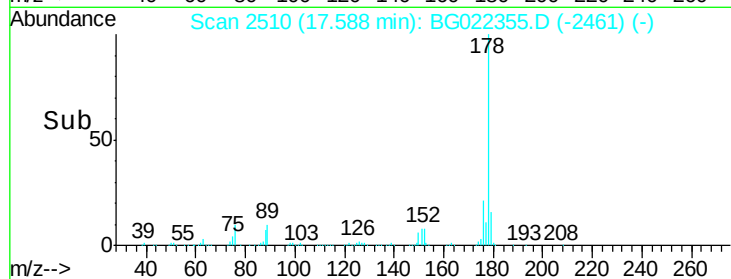
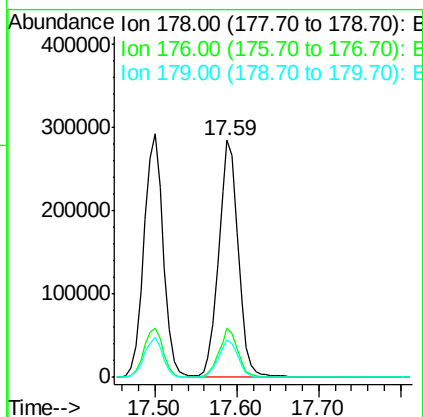
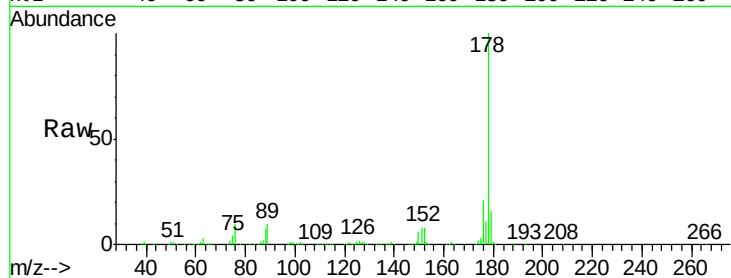




#71
 Anthracene
 Concen: 46.37 ng
 RT: 17.59 min Scan# 2510
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

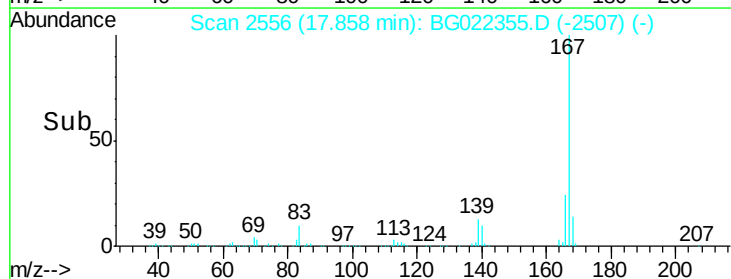
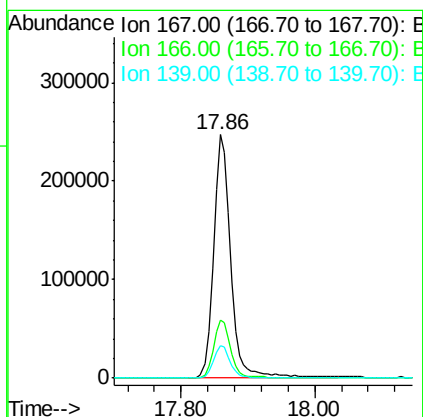
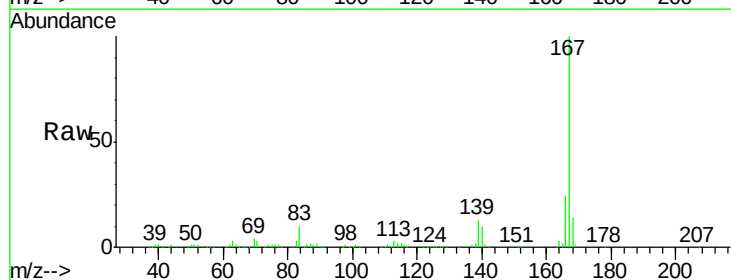
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

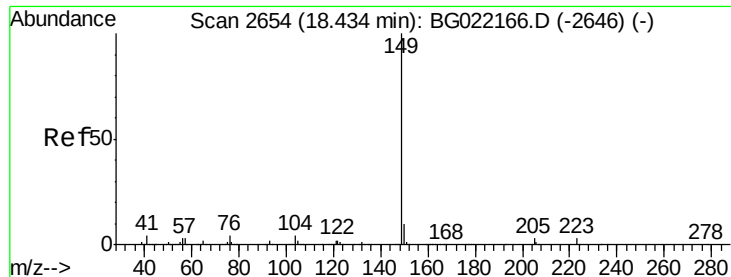
Tgt Ion:178 Resp: 473337
 Ion Ratio Lower Upper
 178 100
 176 20.9 15.0 22.4
 179 16.0 12.2 18.4



#72
 Carbazole
 Concen: 46.35 ng
 RT: 17.86 min Scan# 2556
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion:167 Resp: 448093
 Ion Ratio Lower Upper
 167 100
 166 23.9 18.6 27.8
 139 13.2 10.6 15.8

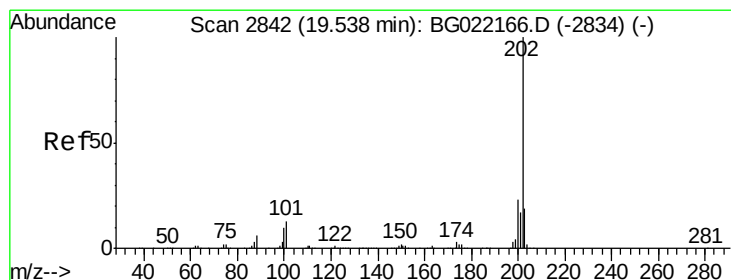
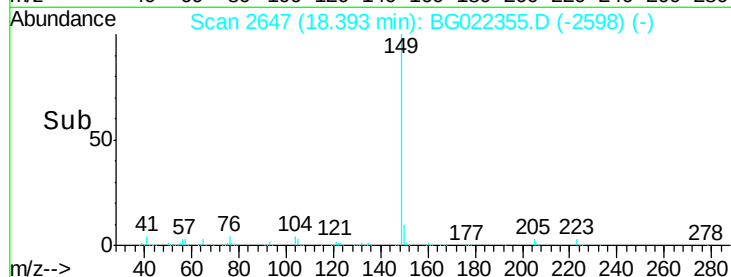
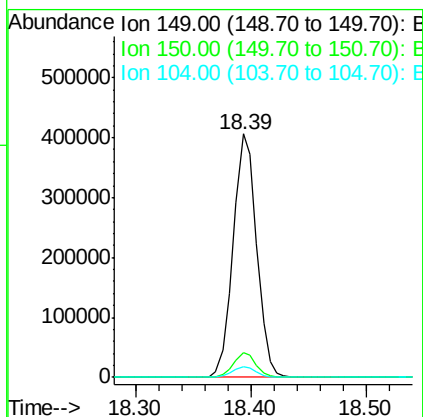
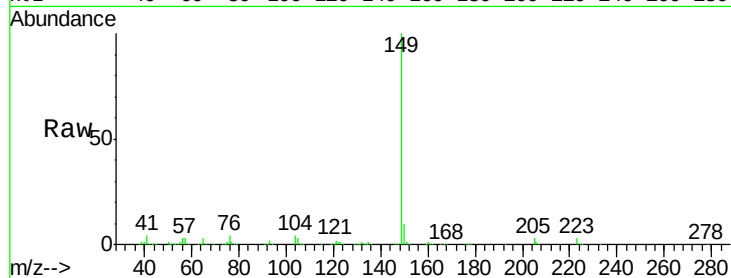




#73
Di-n-butylphthalate
Concen: 45.18 ng
RT: 18.39 min Scan# 2647
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

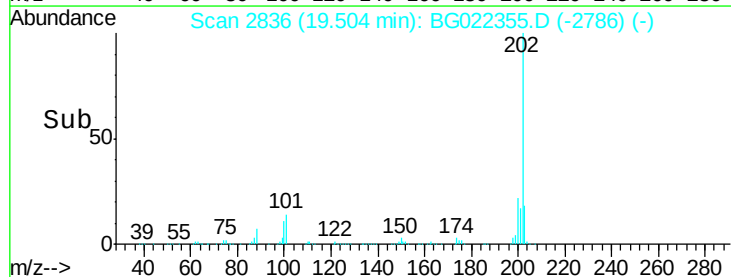
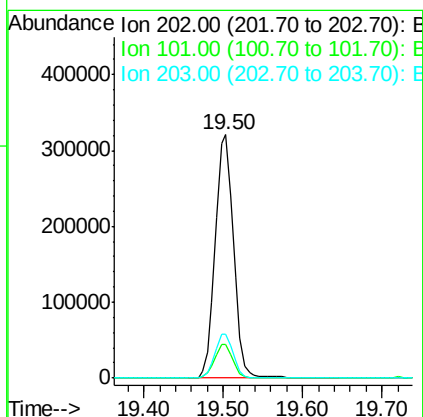
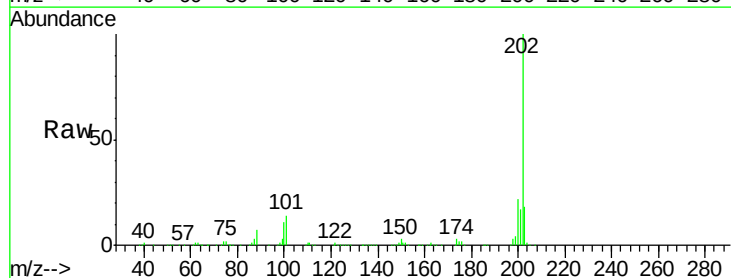
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

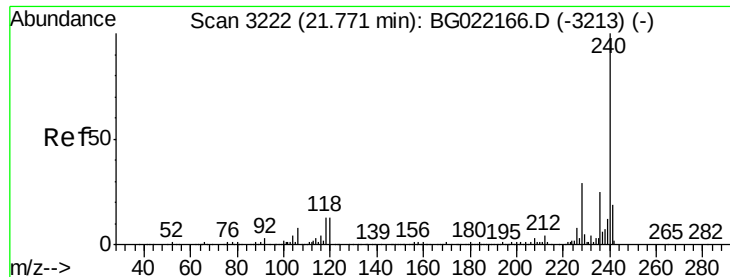
Tgt Ion:149 Resp: 570988
Ion Ratio Lower Upper
149 100
150 10.1 7.4 11.0
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 43.39 ng
RT: 19.50 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion:202 Resp: 513368
Ion Ratio Lower Upper
202 100
101 13.9 0.0 31.0
203 18.2 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.72 min Scan# 3214

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

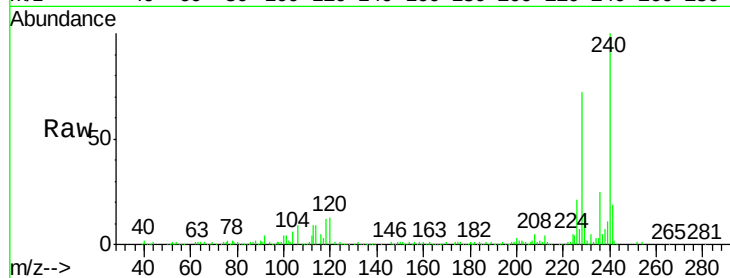
Tgt Ion:240 Resp: 166632

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

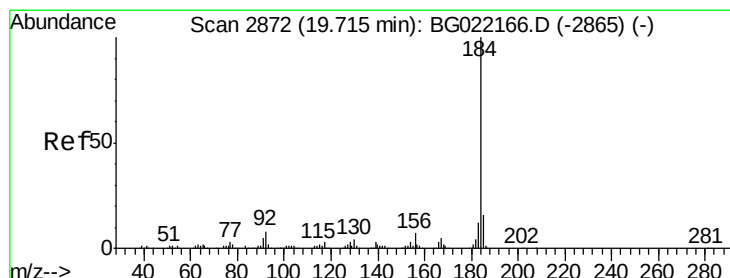
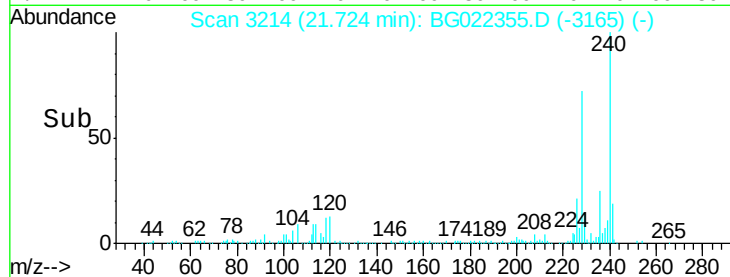
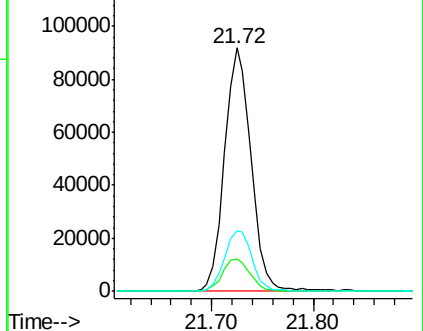
236 25.0 19.6 29.4



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: 13.77 ng

RT: 19.69 min Scan# 2868

Delta R.T. 0.00 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

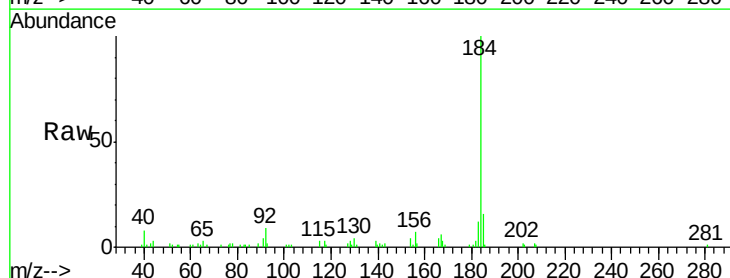
Tgt Ion:184 Resp: 60000

Ion Ratio Lower Upper

184 100

185 15.7 11.5 17.3

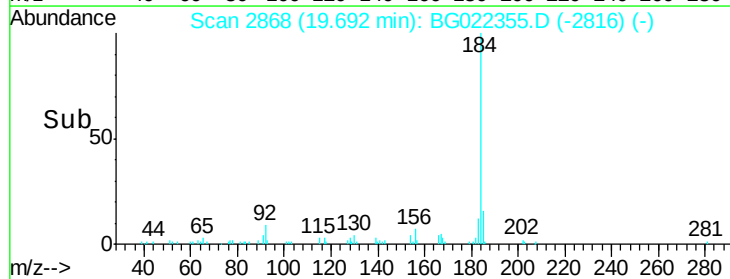
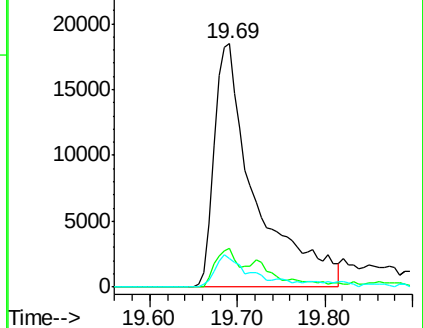
183 11.6 10.2 15.4

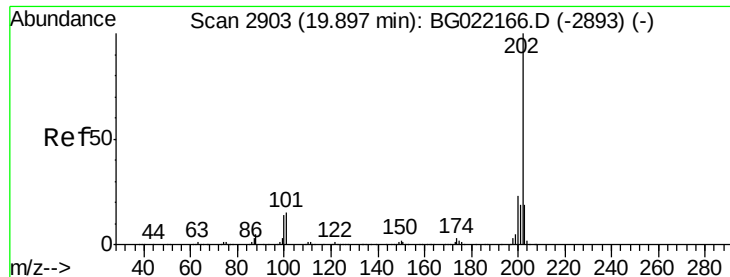


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

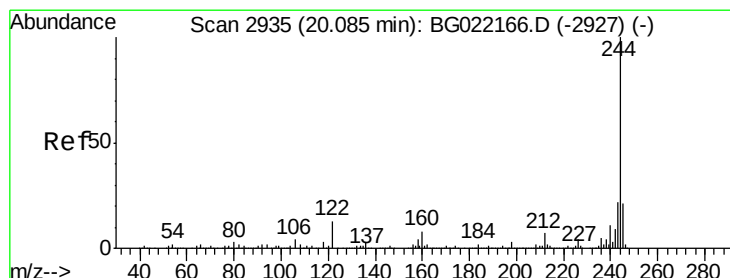
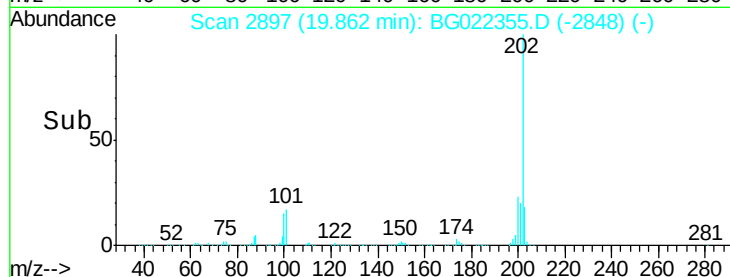
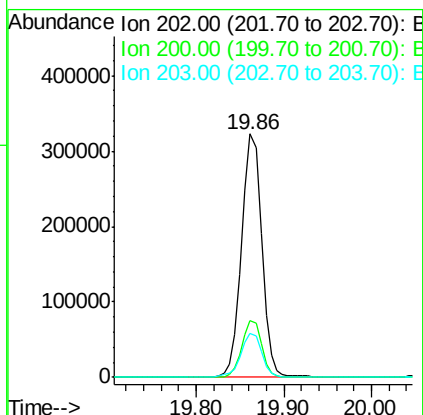
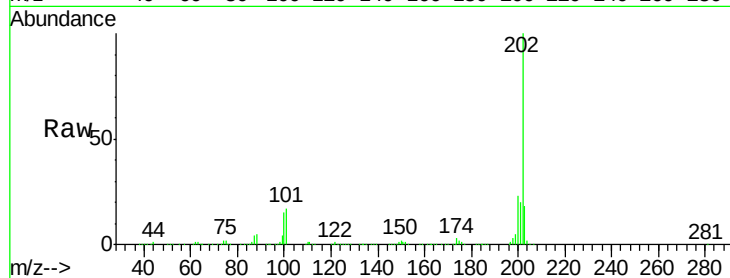




#77
 Pyrene
 Concen: 48.35 ng
 RT: 19.86 min Scan# 2897
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

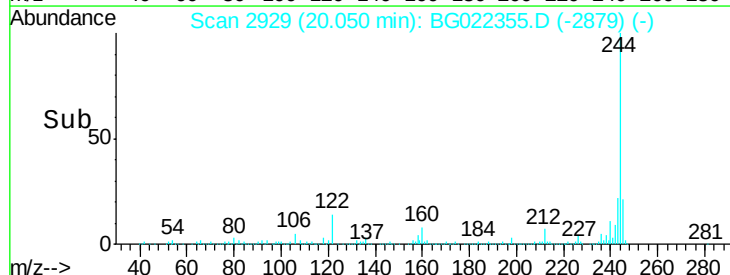
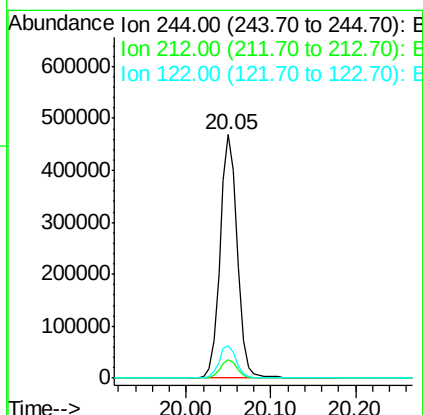
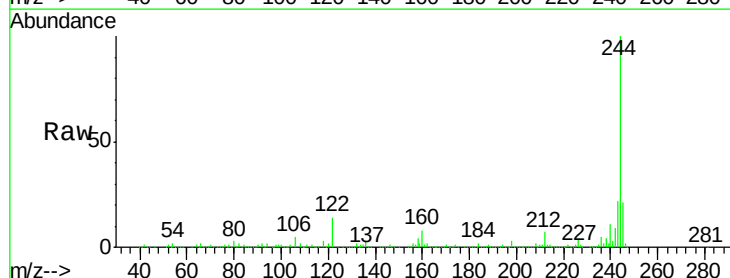
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

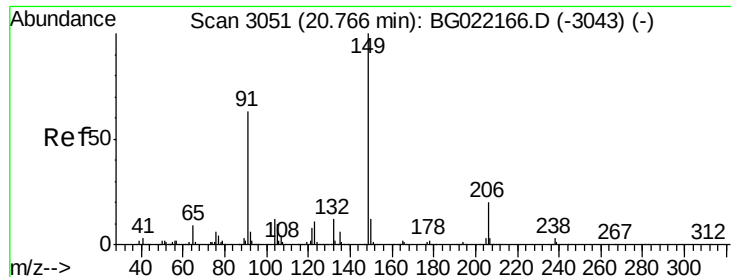
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.2	18.2	27.2
203	18.1	15.0	22.4



#78
 Terphenyl-d14
 Concen: 94.99 ng
 RT: 20.05 min Scan# 2929
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.5	9.7
122	13.5	8.6	12.8#

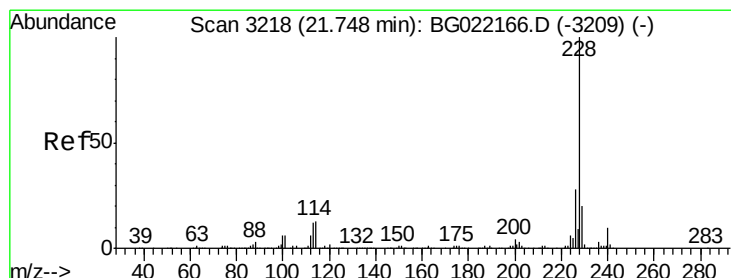
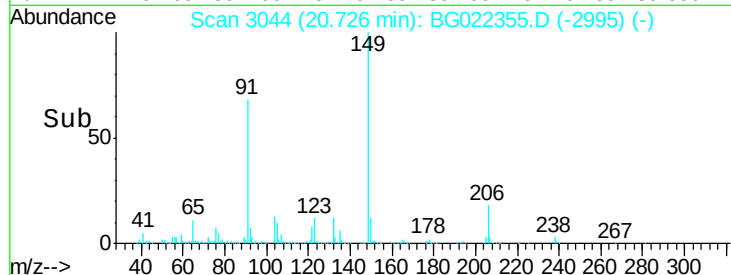
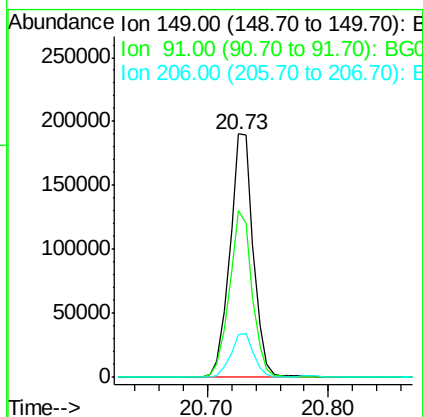
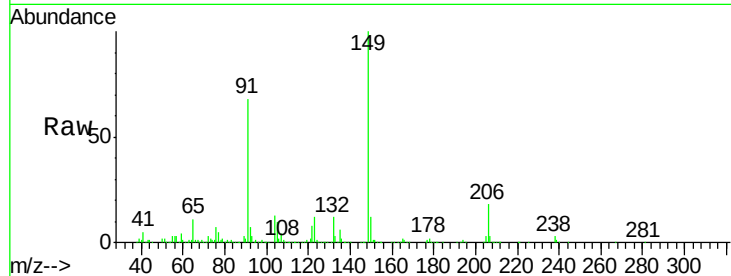




#79
Butylbenzylphthalate
Concen: 53.14 ng
RT: 20.73 min Scan# 3044
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

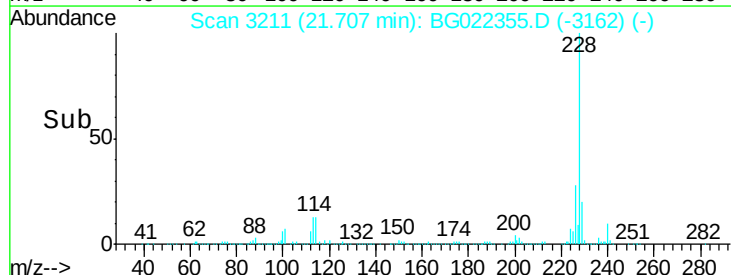
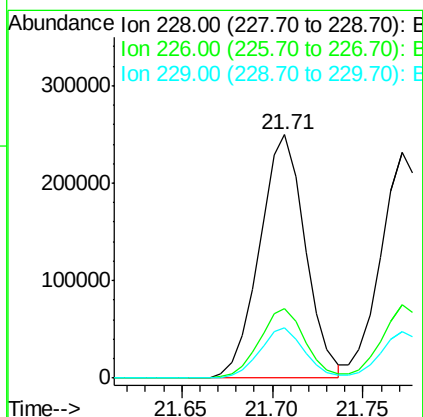
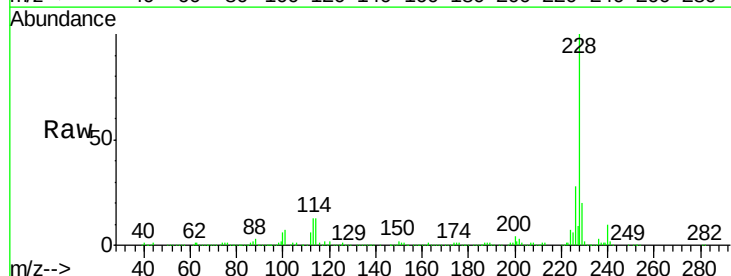
Instrument :
BNA_G
ClientSampleId :
SB-02-COMPMSD

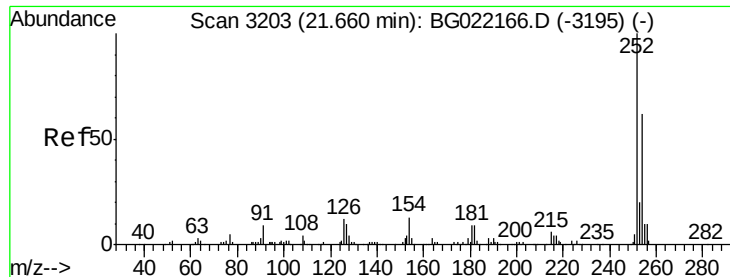
Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.3	57.8	86.8
206	17.6	17.0	25.4



#80
Benzo(a)anthracene
Concen: 46.88 ng
RT: 21.71 min Scan# 3211
Delta R.T. -0.01 min
Lab File: BG022355.D
Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.6	34.0
229	20.4	16.1	24.1

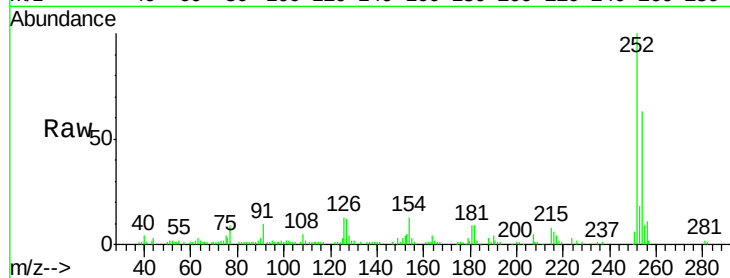




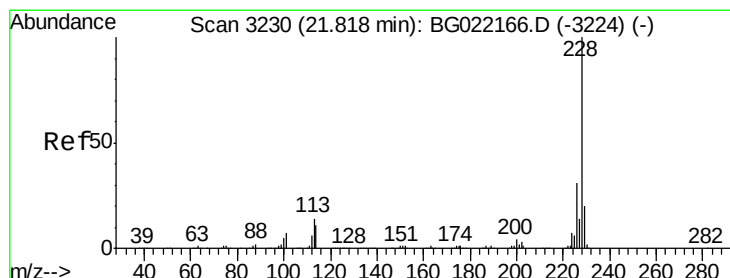
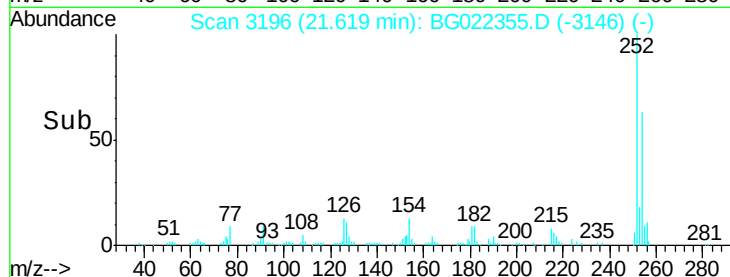
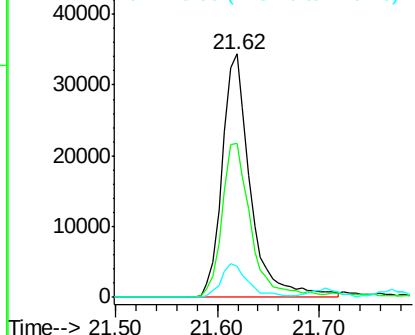
#81
 3,3'-Dichlorobenzidine
 Concen: 25.37 ng
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	51.8	77.6
126	12.6	8.8	13.2

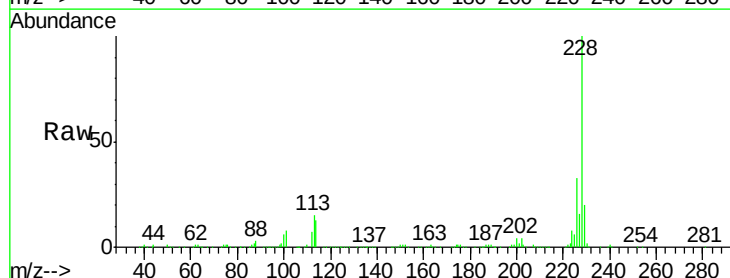


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

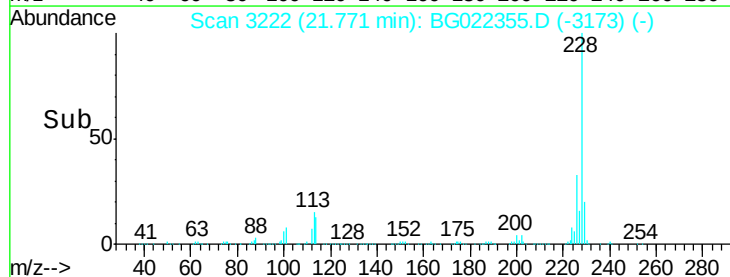
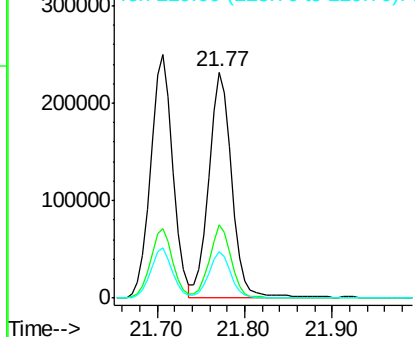


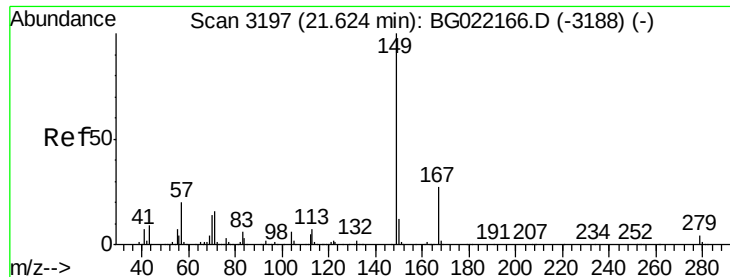
#82
 Chrysene
 Concen: 46.05 ng
 RT: 21.77 min Scan# 3222
 Delta R.T. -0.01 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.4	38.0
229	20.3	15.9	23.9



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: 53.19 ng

RT: 21.58 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

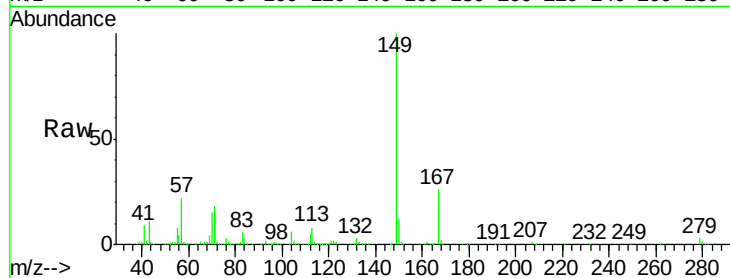
Tgt Ion:149 Resp: 375767

Ion Ratio Lower Upper

149 100

167 26.1 22.4 33.6

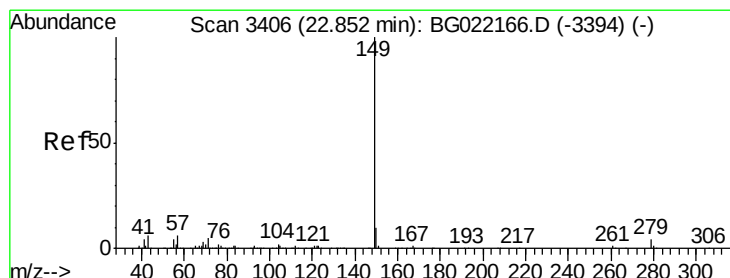
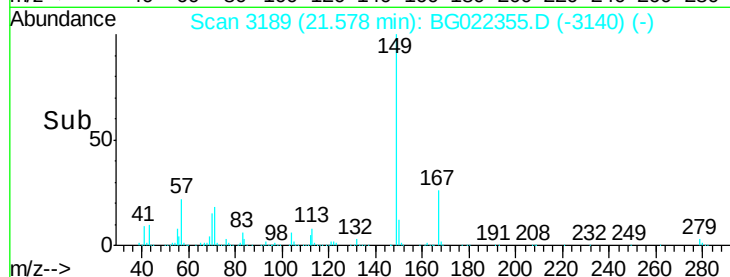
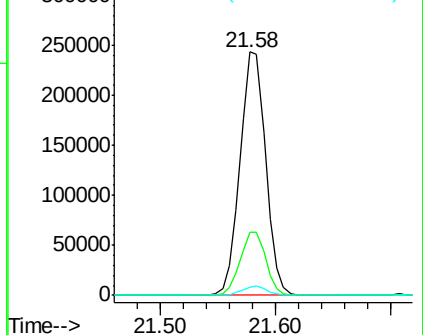
279 3.5 3.2 4.8



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: 51.76 ng

RT: 22.80 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

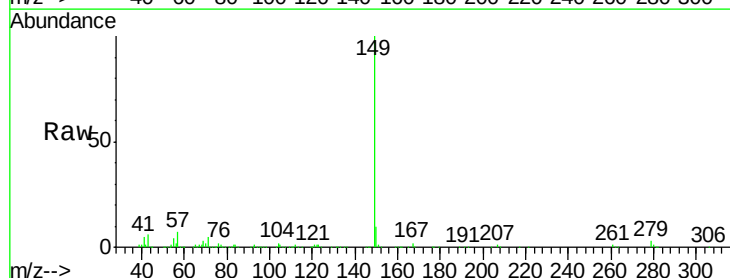
Tgt Ion:149 Resp: 607114

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

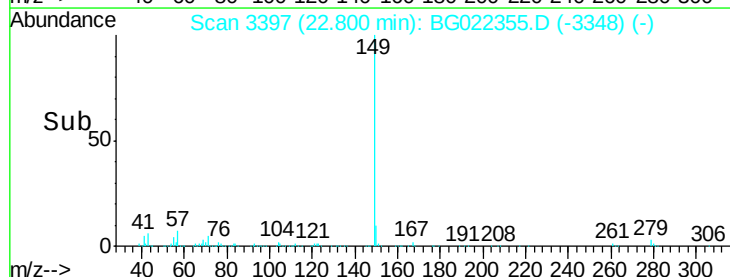
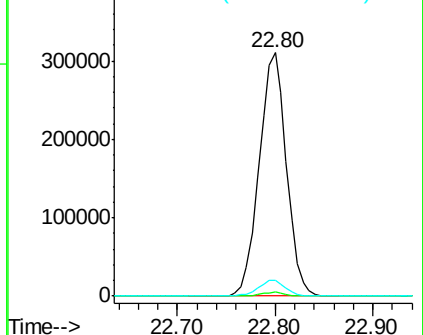
43 6.4 9.8 14.6#

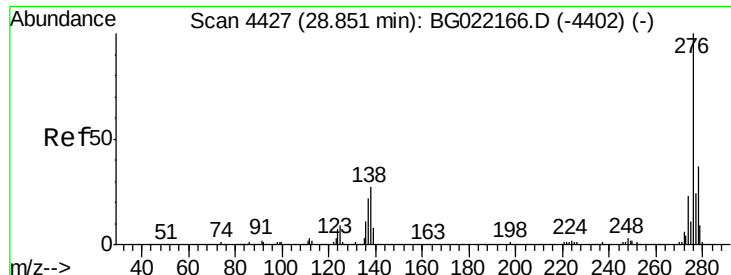


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

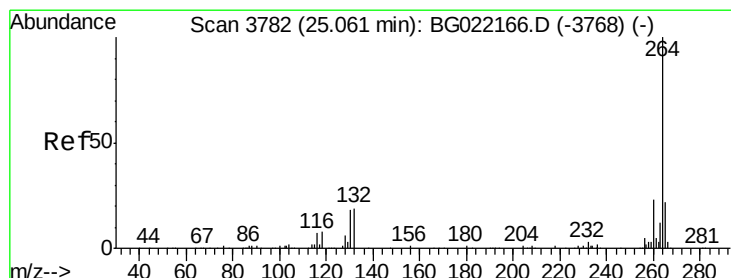
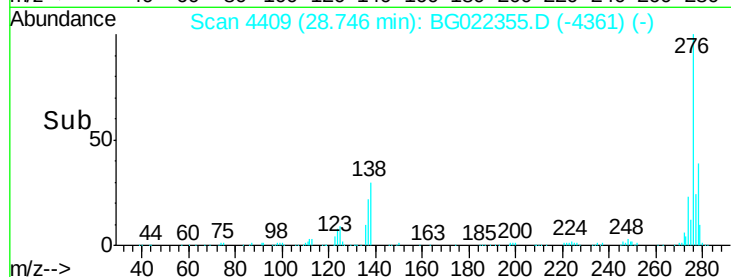
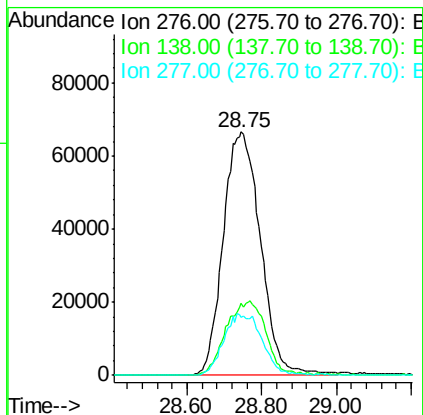
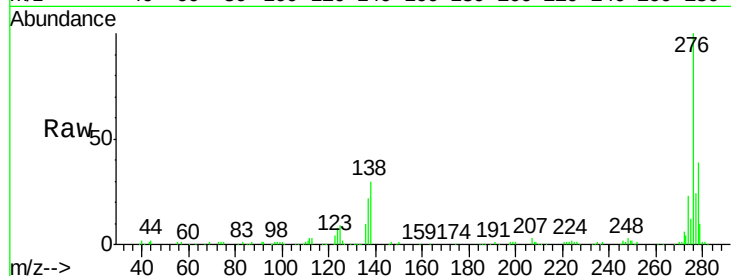




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.22 ng
 RT: 28.75 min Scan# 4409
 Delta R.T. -0.02 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

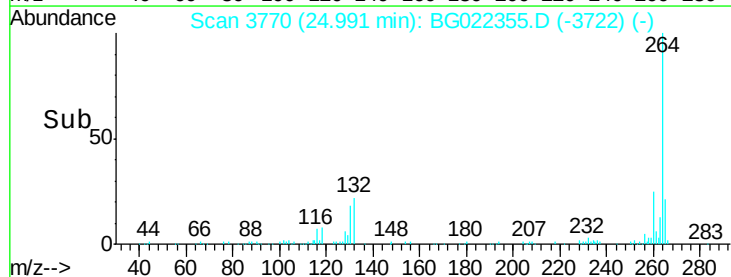
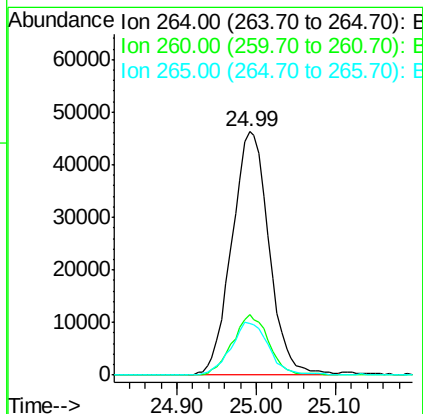
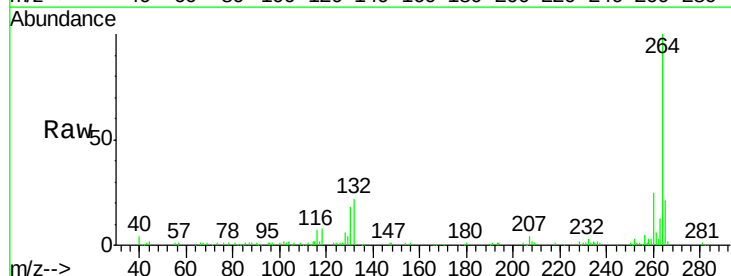
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-COMPMSD

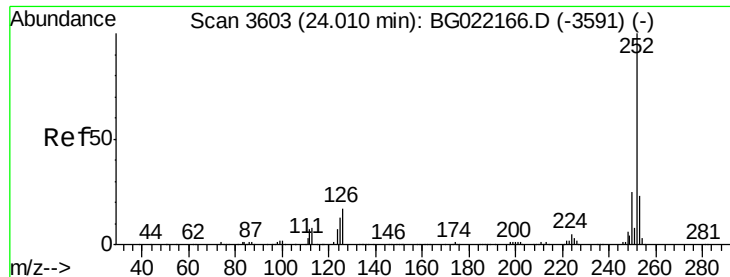
Tgt Ion: 276 Resp: 461264
 Ion Ratio Lower Upper
 276 100
 138 0.0 14.0 21.0#
 277 25.7 20.6 30.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.99 min Scan# 3770
 Delta R.T. -0.02 min
 Lab File: BG022355.D
 Acq: 15 Jun 2016 5:22

Tgt Ion: 264 Resp: 150507
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.4
 265 21.1 17.8 26.8





#87

Benzo(b)fluoranthene

Concen: 48.85 ng

RT: 23.95 min Scan# 3593

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

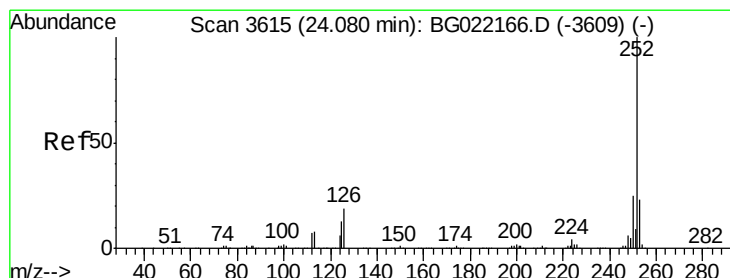
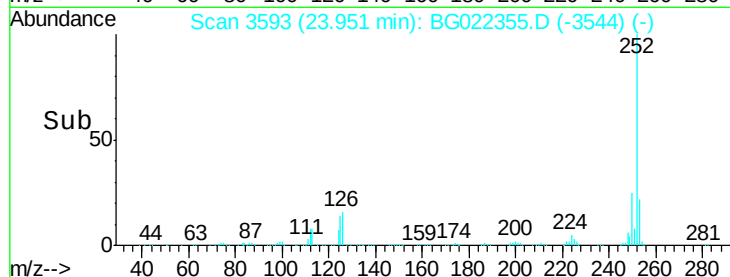
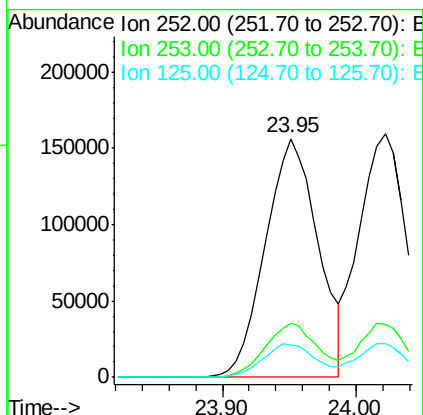
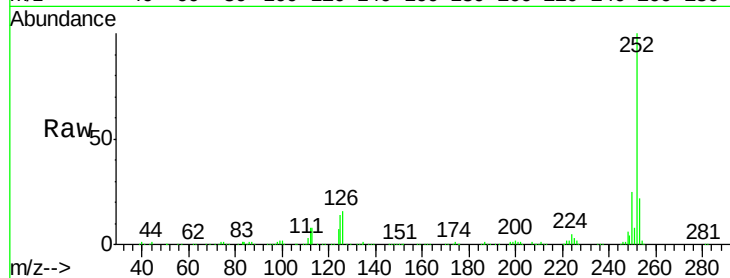
Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	252	Resp:	428819
Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	13.8	8.6	13.0#



#88

Benzo(k)fluoranthene

Concen: 46.26 ng

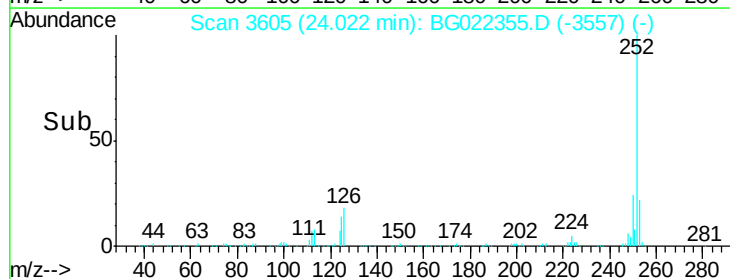
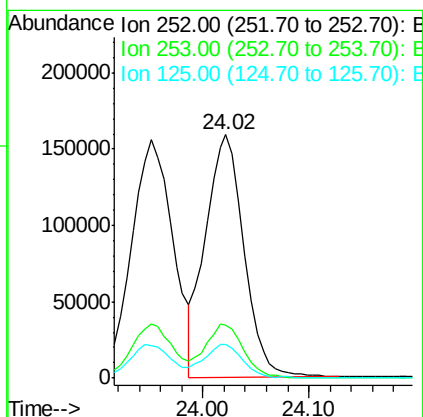
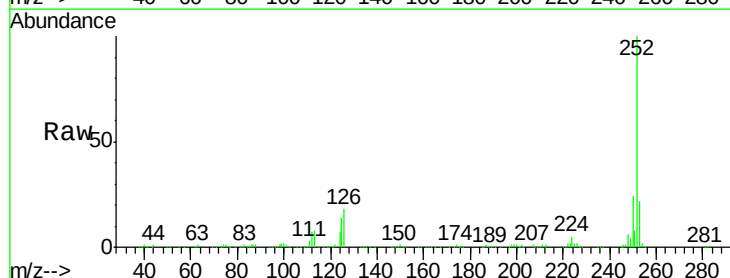
RT: 24.02 min Scan# 3605

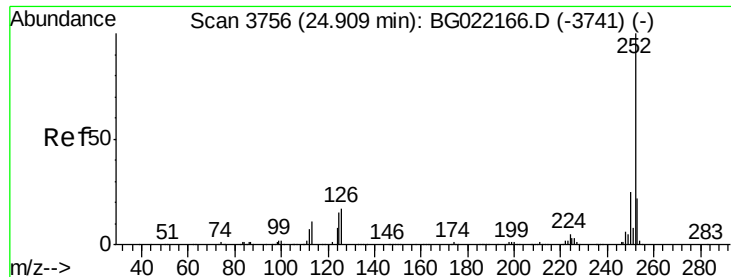
Delta R.T. -0.02 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Tgt Ion:	252	Resp:	399776
Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	13.7	8.3	12.5#





#89

Benzo(a)pyrene

Concen: 47.77 ng

RT: 24.84 min Scan# 3745

Delta R.T. -0.01 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

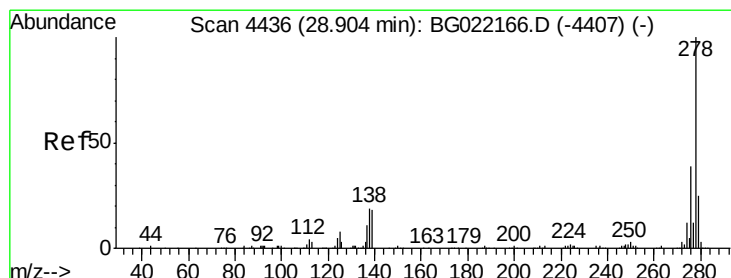
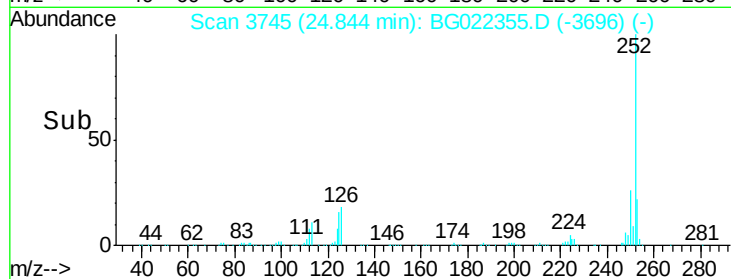
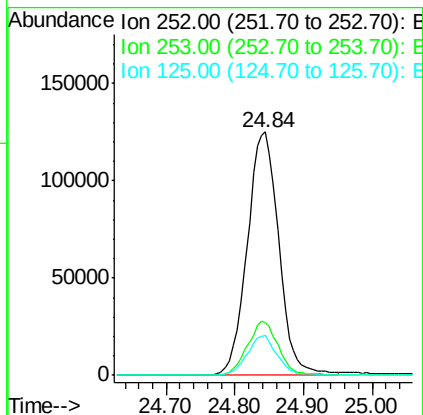
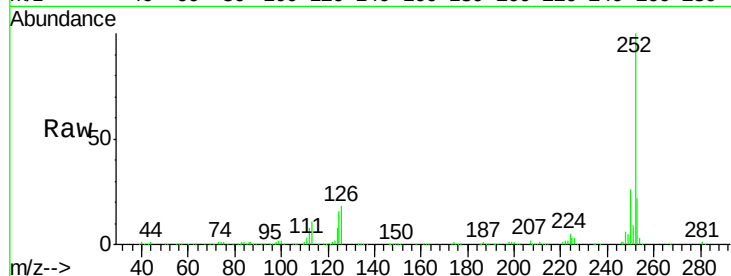
Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD

Tgt Ion:	252	Resp:	400937
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.1	25.7
125	16.4	9.6	14.4#



#90

Dibenzo(a,h)anthracene

Concen: 47.91 ng

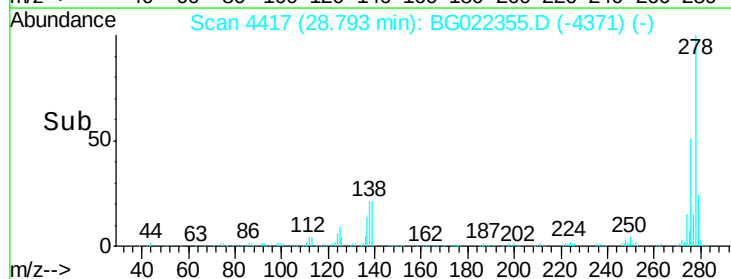
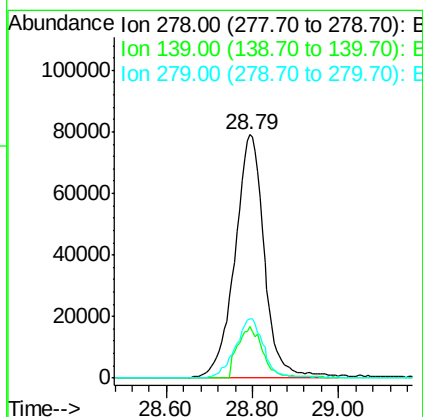
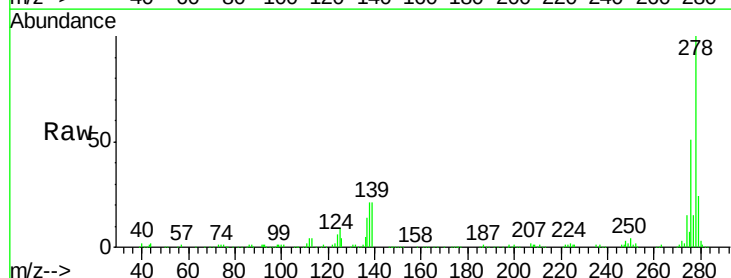
RT: 28.79 min Scan# 4417

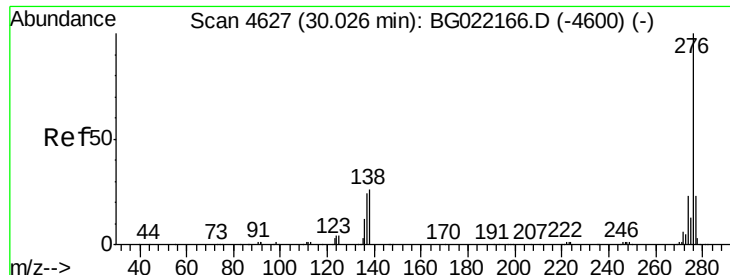
Delta R.T. -0.03 min

Lab File: BG022355.D

Acq: 15 Jun 2016 5:22

Tgt Ion:	278	Resp:	378714
Ion Ratio	Lower	Upper	
278	100		
139	21.0	11.9	17.9#
279	24.1	18.2	27.2





#91

Benzo(g,h,i)perylene

Concen: 46.45 ng

RT: 29.91 min Scan# 4608

Delta R.T. -0.03 min

Lab File: BG022355.D

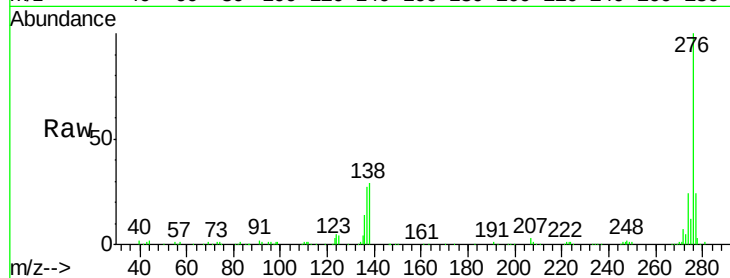
Acq: 15 Jun 2016 5:22

Instrument :

BNA_G

ClientSampleId :

SB-02-COMPMSD



Tgt Ion: 276 Resp: 381969

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 28.7 17.4 26.0

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

