

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
 Data File : BG022231.D
 Acq On : 8 Jun 2016 10:43
 Operator : UM/SJ
 Sample : H3425-06MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Quant Time: Jun 08 17:06:01 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	21692	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	117702	20.00	ng	0.00
38) Acenaphthene-d10	14.75	164	80924	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	193169	20.00	ng	0.00
75) Chrysene-d12	21.77	240	185879	20.00	ng	0.00
86) Perylene-d12	25.06	264	178539	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.66	112	81154	72.33	ng	0.00
7) Phenol-d6	7.27	99	79748	45.21	ng	0.00
23) Nitrobenzene-d5	9.29	82	164501	97.44	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	132244	144.62	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	477959	90.01	ng	0.00
78) Terphenyl-d14	20.08	244	729536	93.18	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	8485	15.77	ng	# 62
3) Pyridine	3.92	79	19014	13.08	ng	94
4) n-Nitrosodimethylamine	3.84	42	6150	18.92	ng	# 80
6) Aniline	7.44	93	51506	22.98	ng	# 83
8) 2-Chlorophenol	7.68	128	66535	42.91	ng	# 78
9) Benzaldehyde	7.26	77	3585	3.69	ng	# 73
10) Phenol	7.30	94	28087	15.44	ng	85
11) bis(2-Chloroethyl)ether	7.53	93	69670	48.05	ng	# 73
12) 1,3-Dichlorobenzene	8.00	146	69482	41.80	ng	# 89
13) 1,4-Dichlorobenzene	8.15	146	70729	42.71	ng	94
14) 1,2-Dichlorobenzene	8.47	146	72127	43.20	ng	94
15) Benzyl Alcohol	8.35	79	32546	28.56	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	73586	48.91	ng	81
17) 2-Methylphenol	8.56	107	48528	35.76	ng	# 87
18) Hexachloroethane	9.20	117	24984	41.31	ng	# 70
19) n-Nitroso-di-n-propylamine	8.92	70	58325	48.84	ng	# 68
20) 3+4-Methylphenols	8.90	107	57646	29.61	ng	98
22) Acetophenone	8.94	105	119371	47.06	ng	# 81
24) Nitrobenzene	9.33	77	82730	48.73	ng	# 78
25) Isophorone	9.85	82	180079	45.59	ng	# 93
26) 2-Nitrophenol	10.05	139	39933	43.38	ng	# 74
27) 2,4-Dimethylphenol	10.10	122	77968	46.79	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	109686	48.47	ng	95
29) 2,4-Dichlorophenol	10.59	162	75719	49.05	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	77149	44.73	ng	96
31) Naphthalene	10.99	128	271703	46.25	ng	# 95
32) Benzoic acid	10.22	122	2830	12.78	ng	# 78
33) 4-Chloroaniline	11.10	127	63814	26.12	ng	# 89
34) Hexachlorobutadiene	11.26	225	39626	42.79	ng	96
35) Caprolactam	11.89	113	5064	5.98	ng	# 48
36) 4-Chloro-3-methylphenol	12.21	107	83444	45.61	ng	86
37) 2-Methylnaphthalene	12.59	142	208170	48.00	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	92296	44.31	ng	98
40) Hexachlorocyclopentadiene	12.92	237	70776	67.50	ng	96

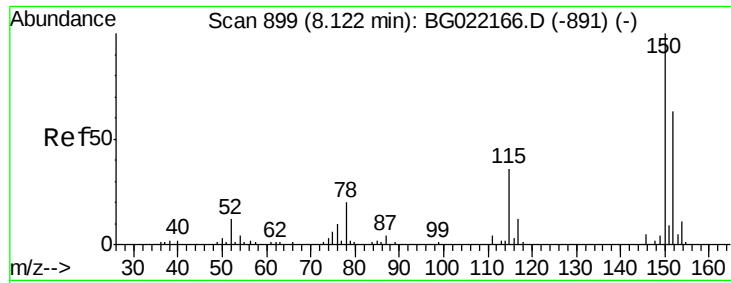
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	65922	47.17	nq	97
43) 2,4,5-Trichlorophenol	13.27	196	75474	48.88	nq	94
45) 1,1'-Biphenyl	13.58	154	281141	46.16	nq	94
46) 2-Chloronaphthalene	13.63	162	222145	47.58	nq	96
47) 2-Nitroaniline	13.84	65	52197	46.89	nq	# 51
48) Acenaphthylene	14.47	152	389280	47.52	nq	97
49) Dimethylphthalate	14.20	163	315936	47.09	nq	100
50) 2,6-Dinitrotoluene	14.32	165	71135	48.77	nq	# 77
51) Acenaphthene	14.81	154	230471	46.96	nq	96
52) 3-Nitroaniline	14.66	138	50223	31.04	nq	# 79
53) 2,4-Dinitrophenol	14.87	184	52306	86.75	nq	# 69
54) Dibenzofuran	15.14	168	369391	48.23	nq	98
55) 4-Nitrophenol	14.98	139	34441	30.85	nq	# 69
56) 2,4-Dinitrotoluene	15.11	165	100812	51.53	nq	# 82
57) Fluorene	15.79	166	319890	48.49	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.37	232	64872	46.85	nq	96
59) Diethylphthalate	15.55	149	339525	47.37	nq	100
60) 4-Chlorophenyl-phenylether	15.78	204	143484	48.03	nq	96
61) 4-Nitroaniline	15.82	138	73075	42.59	nq	# 77
62) Azobenzene	16.07	77	271751	50.07	nq	87
64) 4,6-Dinitro-2-methylphenol	15.88	198	42372	43.80	nq	85
65) n-Nitrosodiphenylamine	15.99	169	275319	49.48	nq	98
66) 4-Bromophenyl-phenylether	16.67	248	90494	50.00	nq	97
67) Hexachlorobenzene	16.79	284	100455	47.62	nq	96
68) Atrazine	16.93	200	94020	45.64	nq	98
69) Pentachlorophenol	17.14	266	90898	93.77	nq	98
70) Phenanthrene	17.53	178	509208	48.53	nq	99
71) Anthracene	17.63	178	505585	48.59	nq	97
72) Carbazole	17.90	167	472003	47.90	nq	98
73) Di-n-butylphthalate	18.43	149	621817	48.26	nq	98
74) Fluoranthene	19.54	202	577139	47.85	nq	97
76) Benzidine	19.72	184	86588	17.81	nq	97
77) Pyrene	19.89	202	575467	49.80	nq	100
79) Butylbenzylphthalate	20.76	149	258694	48.27	nq	89
80) Benzo(a)anthracene	21.75	228	511277	49.05	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	103542	35.38	nq	# 99
82) Chrysene	21.82	228	496313	48.93	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	391380	49.66	nq	96
84) Di-n-octyl phthalate	22.85	149	654236	50.00	nq	# 86
85) Indeno(1,2,3-cd)pyrene	28.84	276	584690	51.38	nq	# 87
87) Benzo(b)fluoranthene	24.01	252	530625	50.96	nq	# 96
88) Benzo(k)fluoranthene	24.08	252	494122	48.20	nq	# 97
89) Benzo(a)pyrene	24.91	252	486978	48.91	nq	# 95
90) Dibenzo(a,h)anthracene	28.89	278	476410	50.81	nq	# 92
91) Benzo(g,h,i)perylene	30.02	276	489102	50.13	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.00 min

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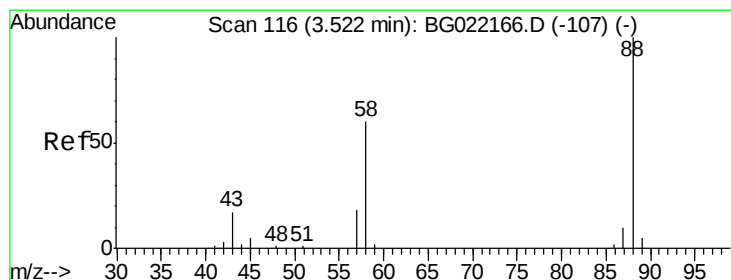
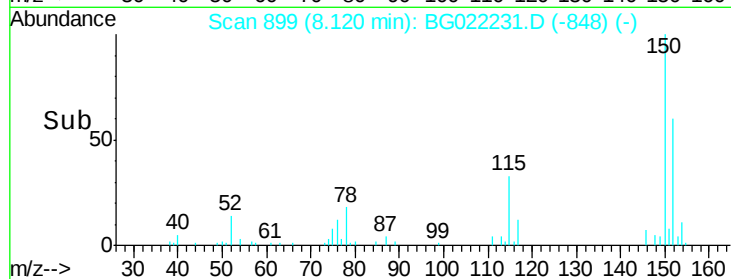
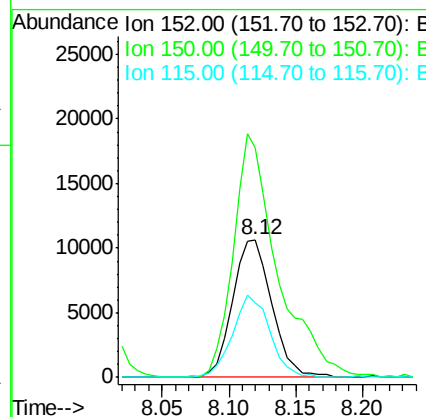
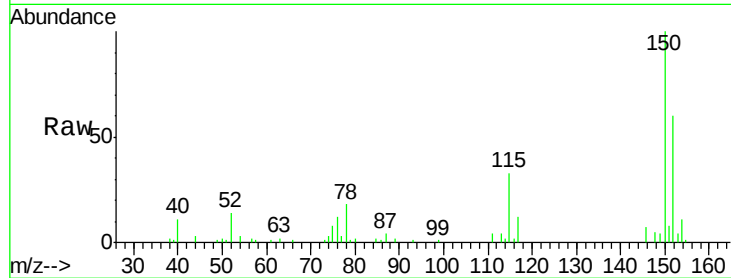
Tot Ion:152 Resp: 21692

Ion Ratio Lower Upper

152 100

150 165.9 130.1 195.1

115 54.2 62.2 93.2#



#2

1,4-Dioxane

Concen: 15.77 ng

RT: 3.52 min Scan# 116

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

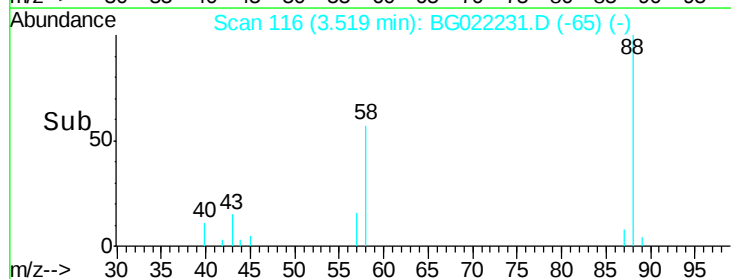
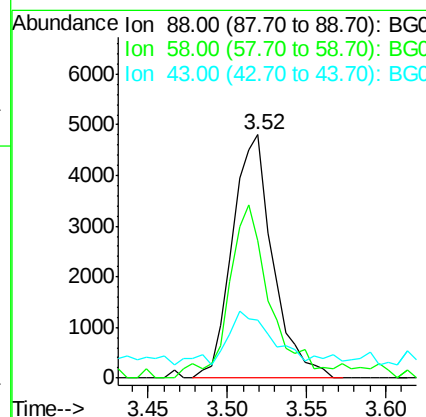
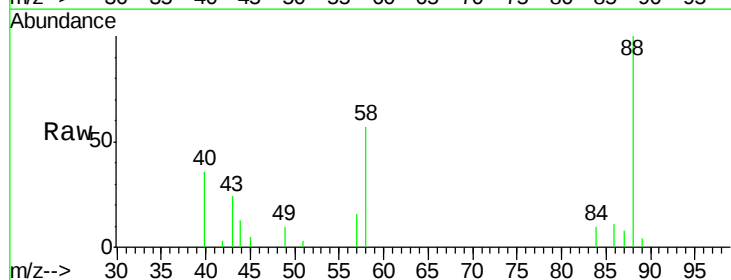
Tgt Ion: 88 Resp: 8485

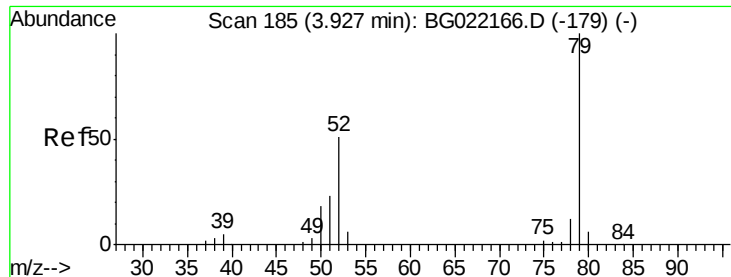
Ion Ratio Lower Upper

88 100

58 72.8 36.8 55.2#

43 25.4 10.4 15.6#





#3

Pvridine

Concen: 13.08 ng

RT: 3.92 min Scan# 185

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

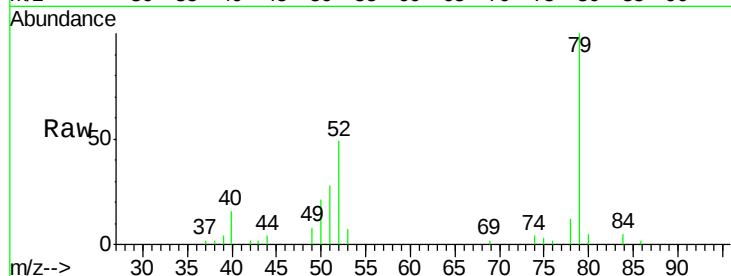
Tot Ion: 79 Resp: 19014

Ion Ratio Lower Upper

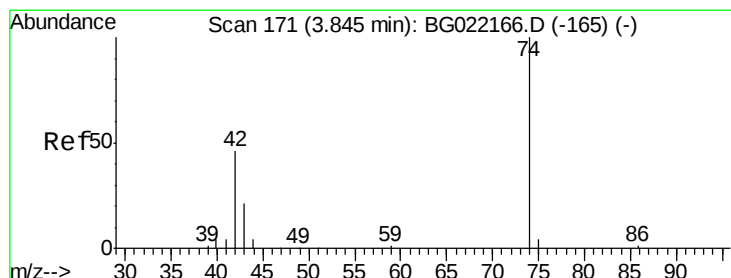
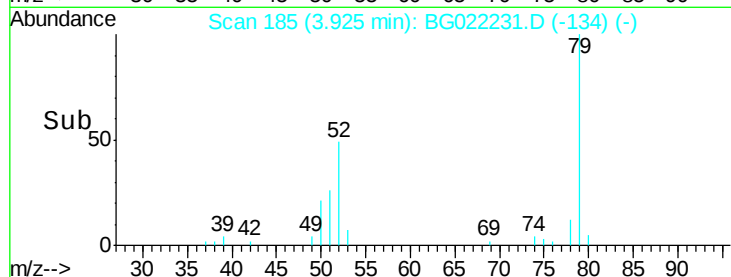
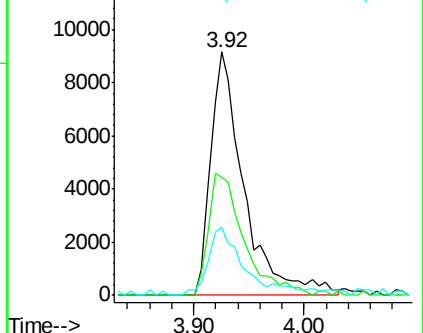
79 100

52 48.8 41.6 62.4

51 27.9 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: 18.92 ng

RT: 3.84 min Scan# 171

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

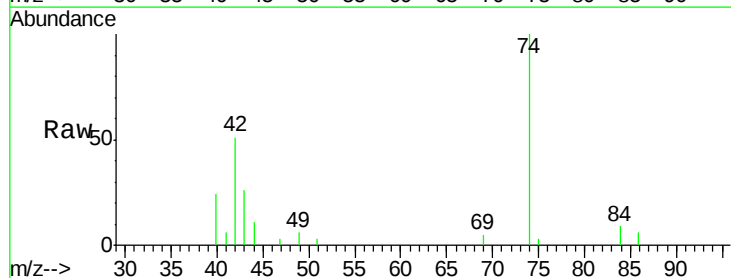
Tgt Ion: 42 Resp: 6150

Ion Ratio Lower Upper

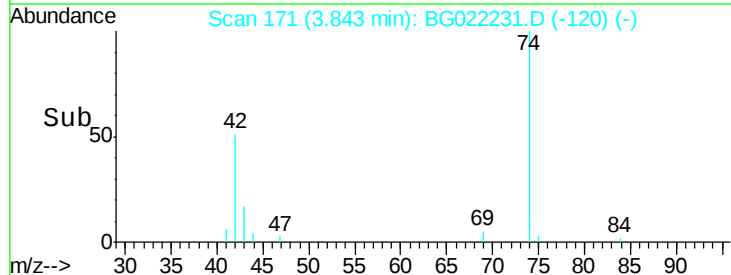
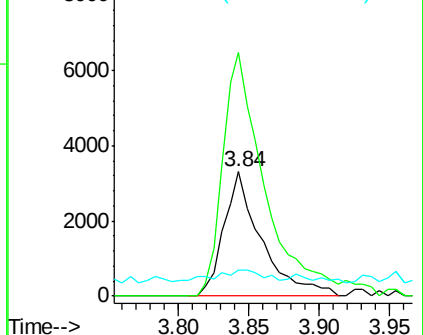
42 100

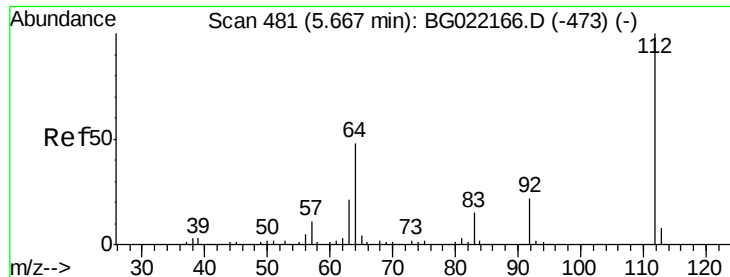
74 196.1 184.0 276.0

44 21.1 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: 72.33 ng

RT: 5.66 min Scan# 481

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

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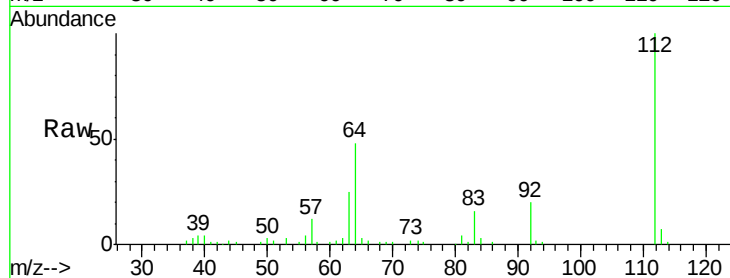
Tot Ion:112 Resp: 81154

Ion Ratio Lower Upper

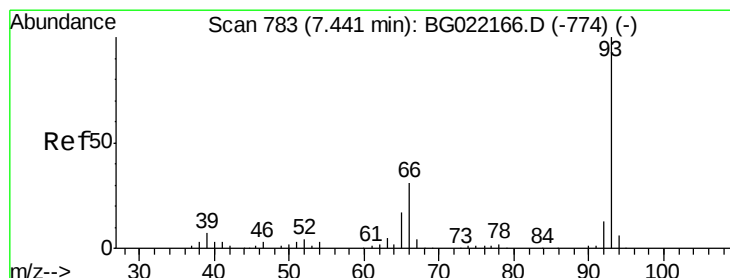
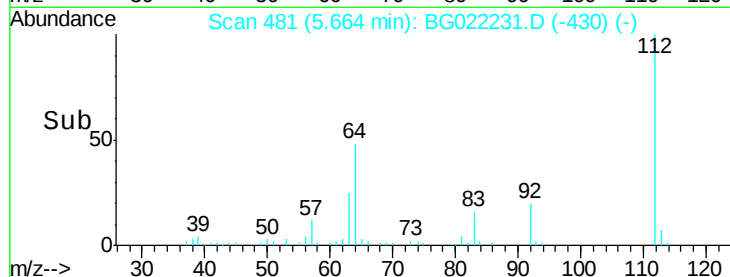
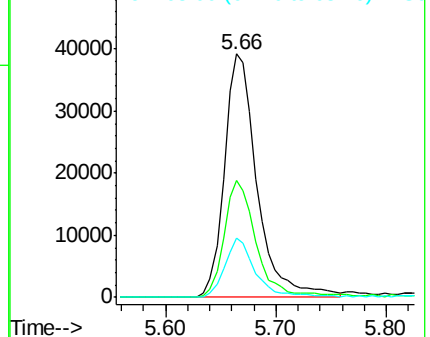
112 100

64 48.0 51.1 76.7#

63 24.6 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: 22.98 ng

RT: 7.44 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

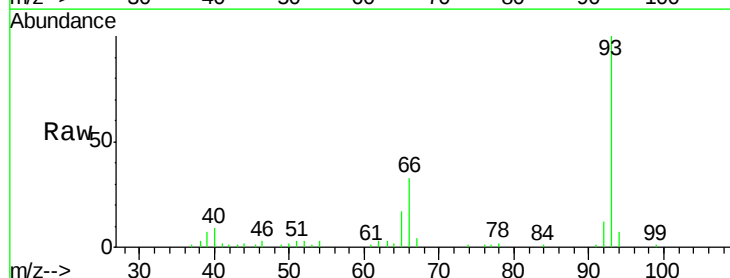
Tgt Ion: 93 Resp: 51506

Ion Ratio Lower Upper

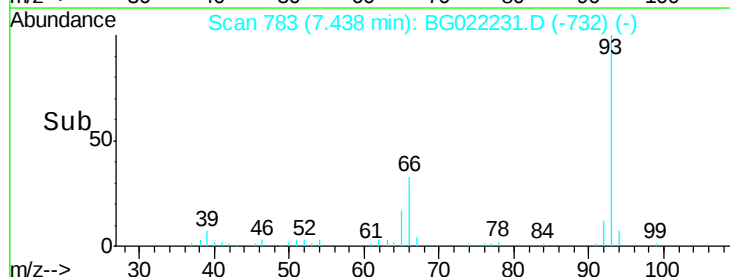
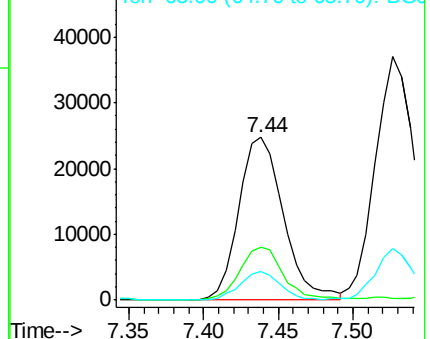
93 100

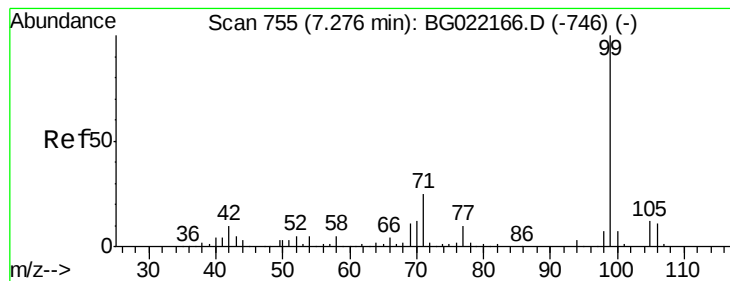
66 32.7 36.3 54.5#

65 17.3 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: 45.21 ng

RT: 7.27 min Scan# 755

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

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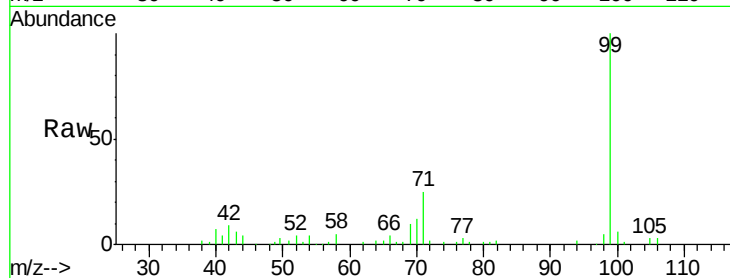
Tot Ion: 99 Resp: 79748

Ion Ratio Lower Upper

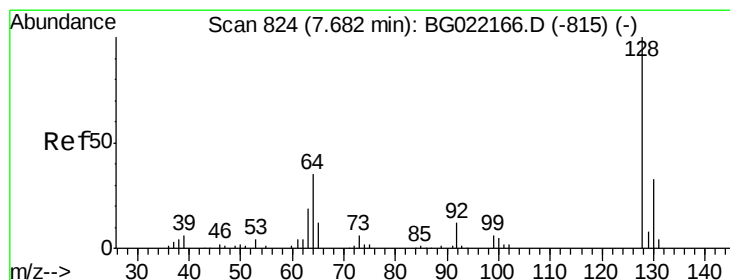
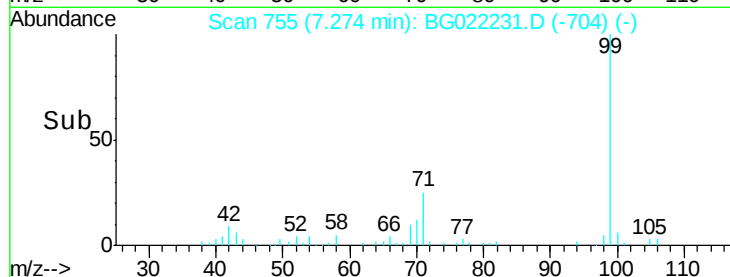
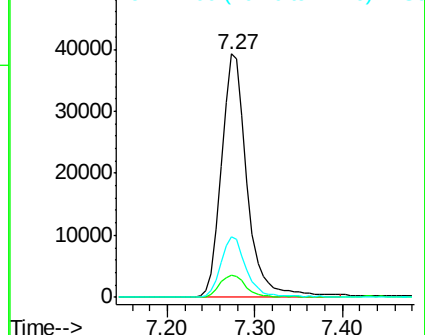
99 100

42 8.9 16.4 24.6#

71 24.7 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: 42.91 ng

RT: 7.68 min Scan# 824

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

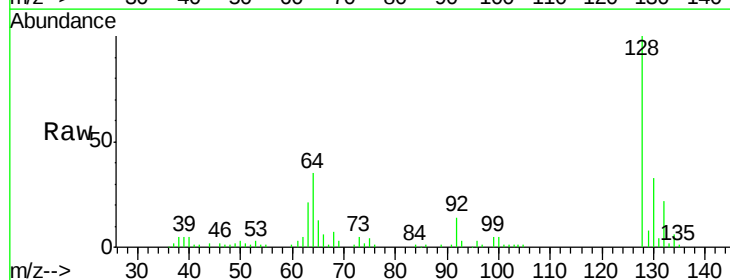
Tgt Ion: 128 Resp: 66535

Ion Ratio Lower Upper

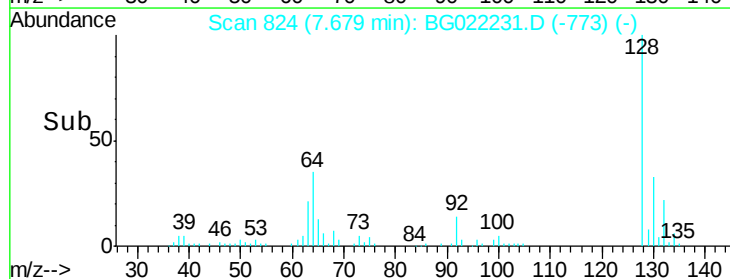
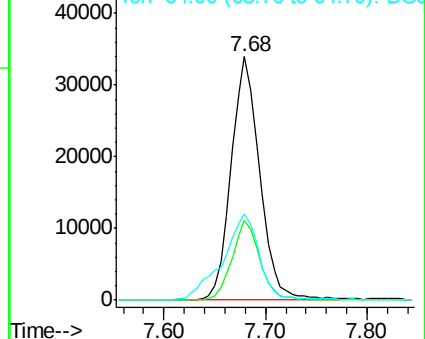
128 100

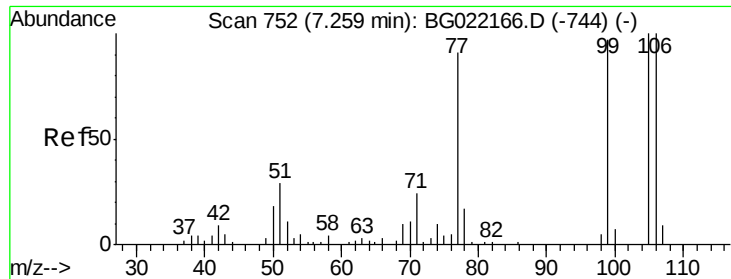
130 32.5 11.2 51.2

64 35.2 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

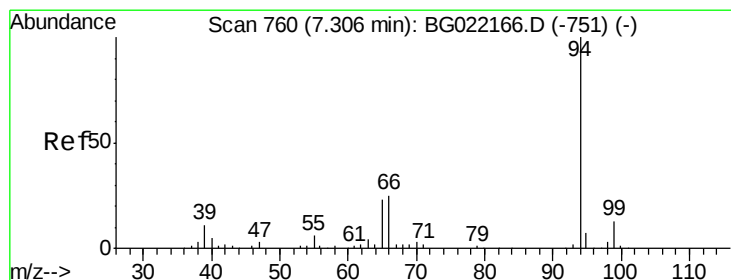
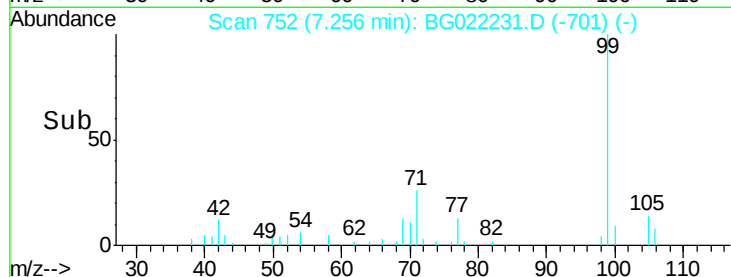
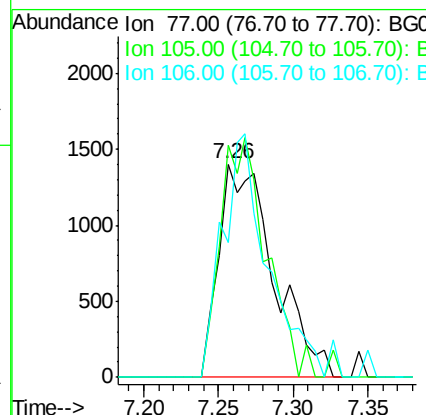
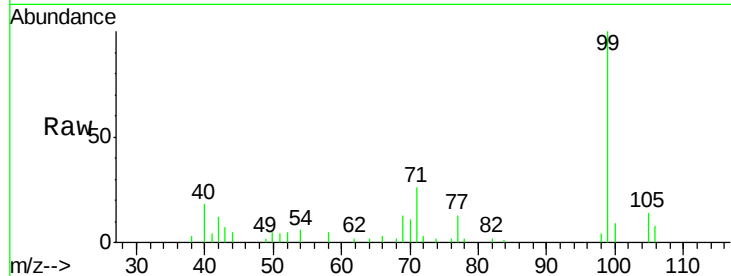




#9
Benzaldehyde
Concen: 3.69 ng
RT: 7.26 min Scan# 752
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

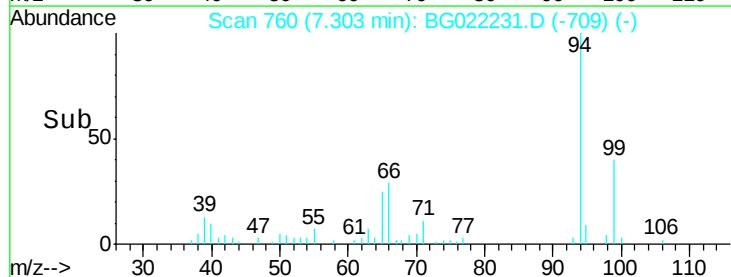
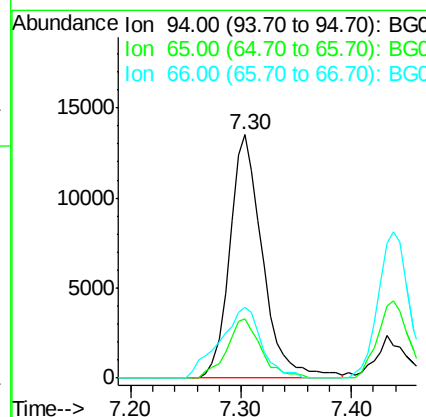
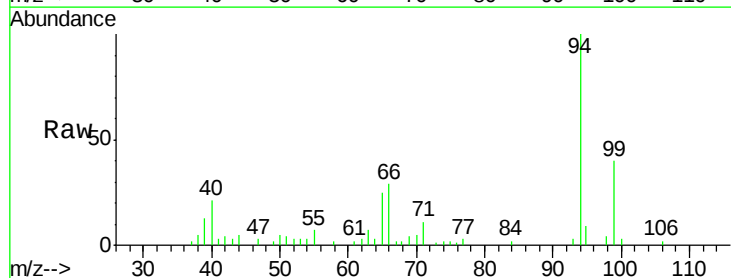
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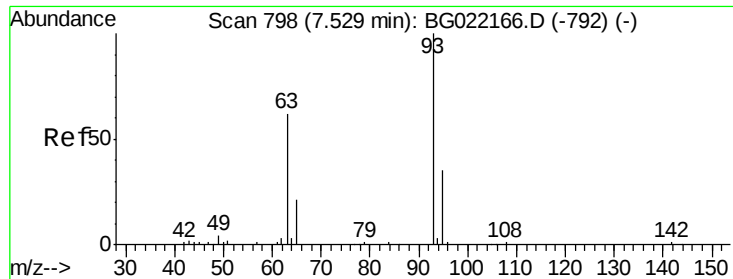
Tot Ion: 77 Resp: 3585
Ion Ratio Lower Upper
77 100
105 108.8 62.1 102.1#
106 63.6 65.6 105.6#



#10
Phenol
Concen: 15.44 ng
RT: 7.30 min Scan# 760
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion: 94 Resp: 28087
Ion Ratio Lower Upper
94 100
65 24.6 9.8 49.8
66 29.2 20.8 60.8

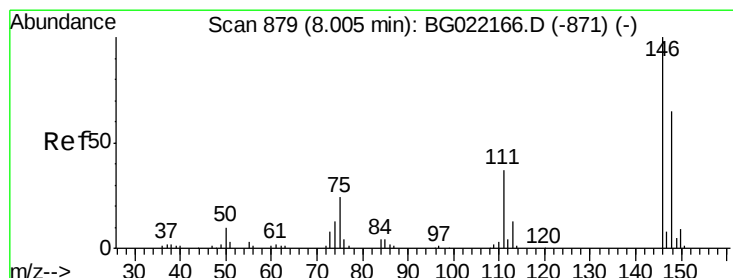
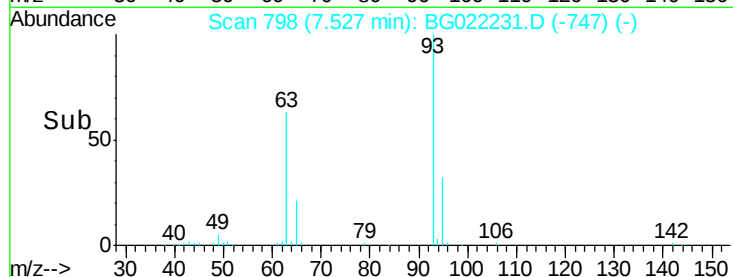
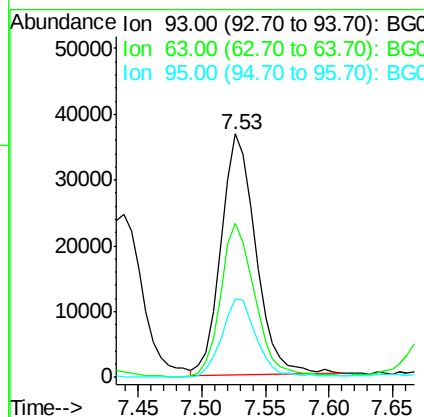
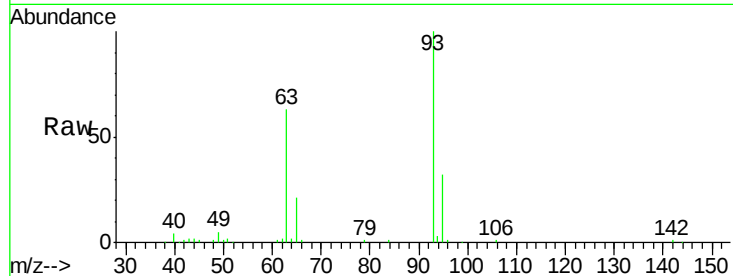




#11
bis(2-Chloroethyl)ether
Concen: 48.05 ng
RT: 7.53 min Scan# 798
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

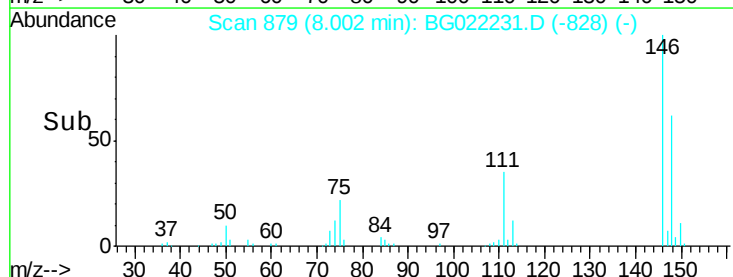
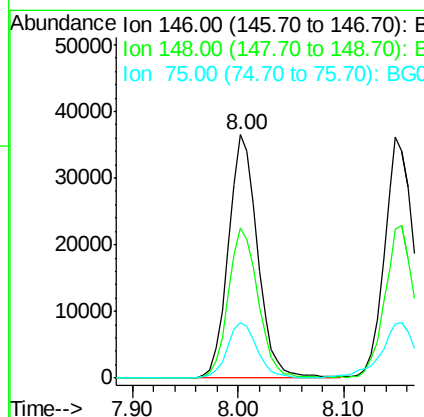
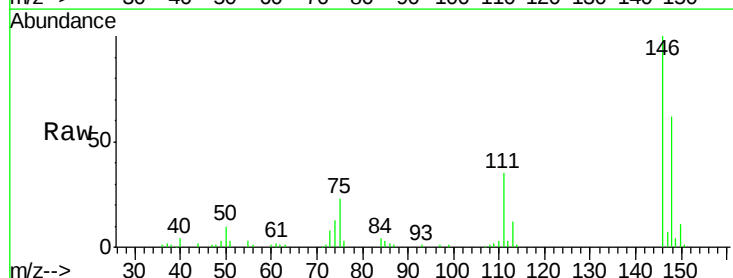
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

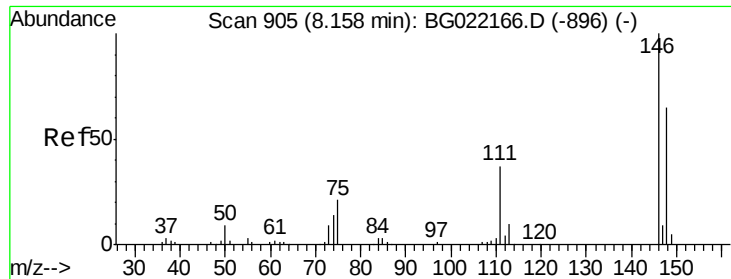
Tot Ion: 93 Resp: 69670
Ion Ratio Lower Upper
93 100
63 63.5 74.9 114.9#
95 32.2 8.3 48.3



#12
1,3-Dichlorobenzene
Concen: 41.80 ng
RT: 8.00 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion: 146 Resp: 69482
Ion Ratio Lower Upper
146 100
148 61.7 53.7 80.5
75 22.6 27.4 41.0#

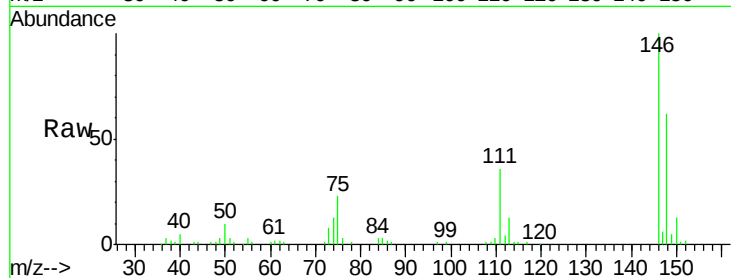




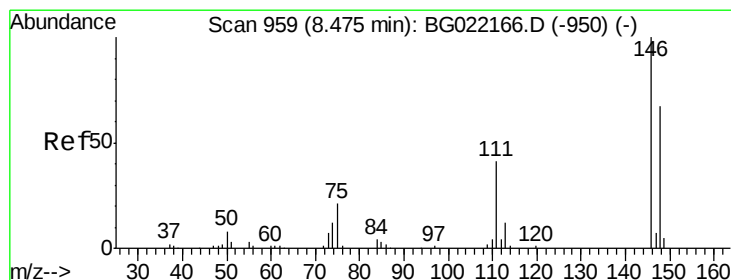
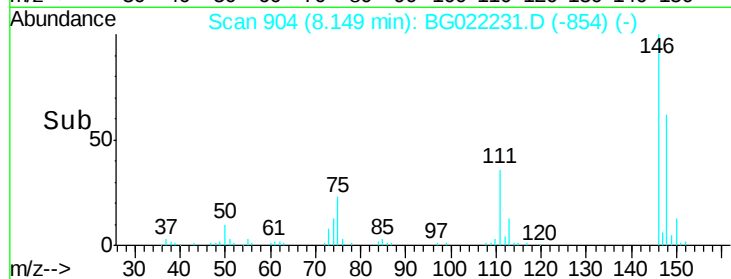
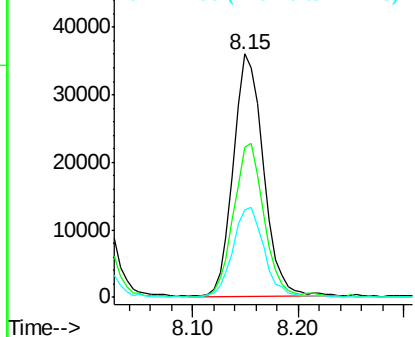
#13
 1,4-Dichlorobenzene
 Concen: 42.71 ng
 RT: 8.15 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:146 Resp: 70729
 Ion Ratio Lower Upper
 146 100
 148 61.7 46.7 70.1
 111 35.8 33.0 49.6

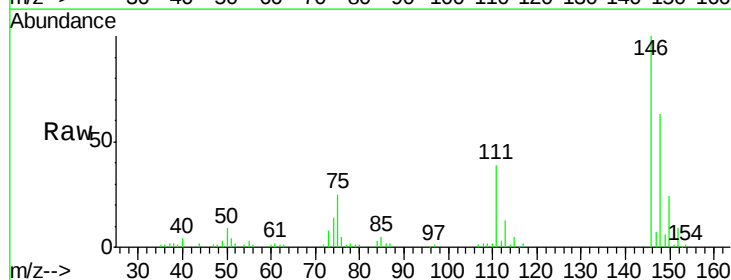


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

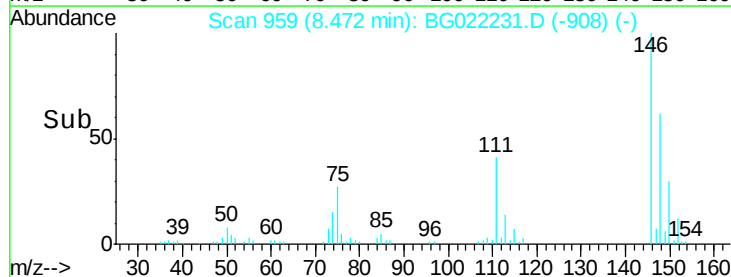
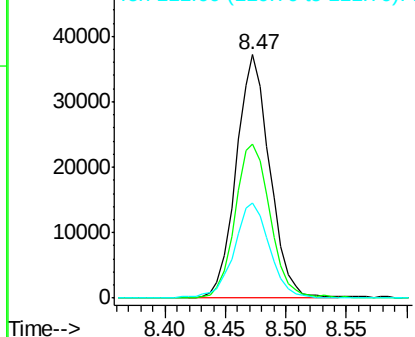


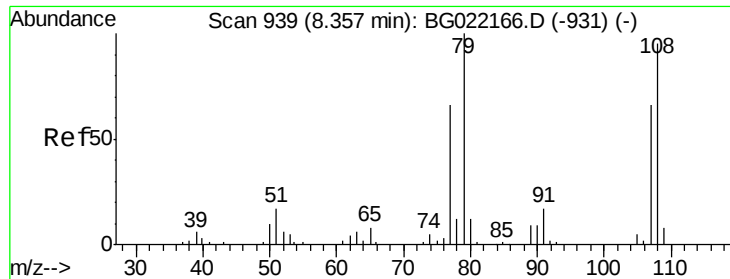
#14
 1,2-Dichlorobenzene
 Concen: 43.20 ng
 RT: 8.47 min Scan# 959
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:146 Resp: 72127
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.6 79.0
 111 39.0 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: 28.56 ng

RT: 8.35 min Scan# 939

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

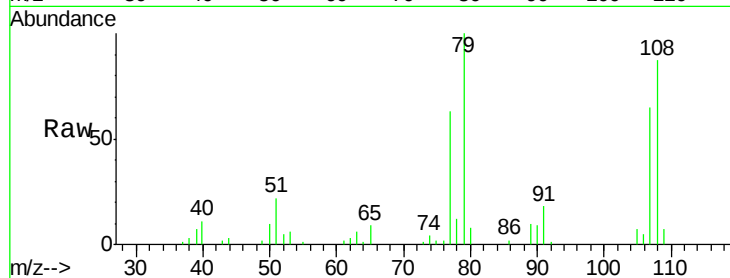
Tot Ion: 79 Resp: 32546

Ion Ratio Lower Upper

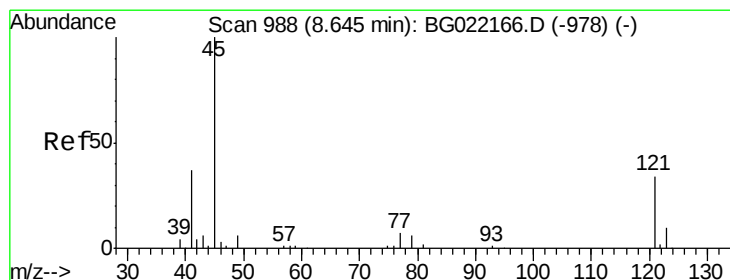
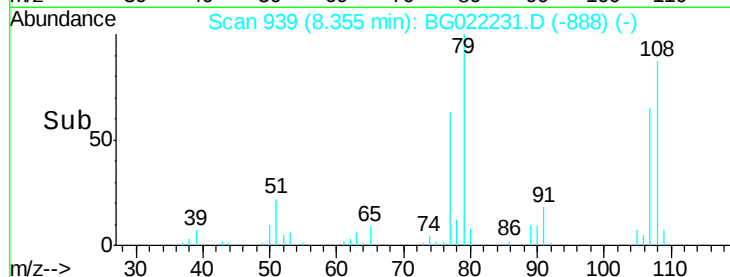
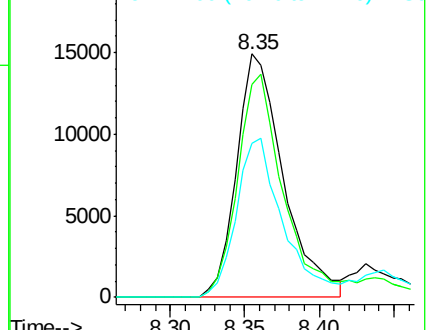
79 100

108 87.2 59.4 89.0

77 63.3 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: 48.91 ng

RT: 8.65 min Scan# 989

Delta R.T. 0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

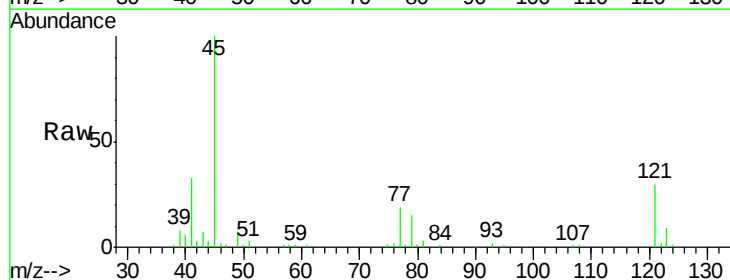
Tgt Ion: 45 Resp: 73586

Ion Ratio Lower Upper

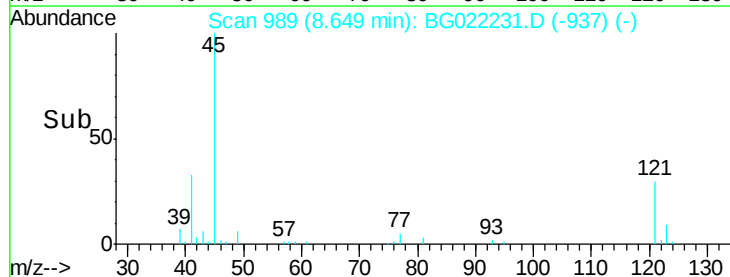
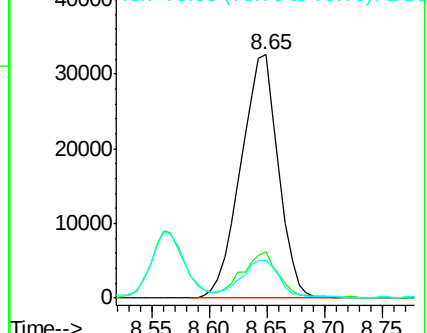
45 100

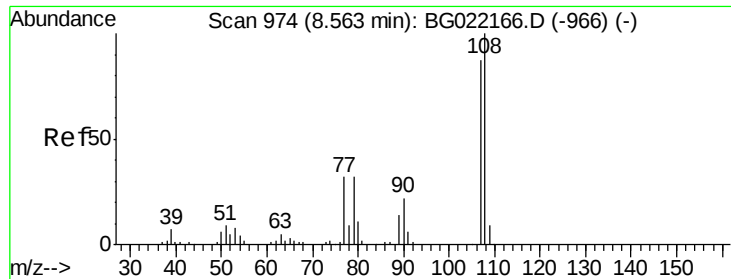
77 18.8 0.0 31.2

79 15.2 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

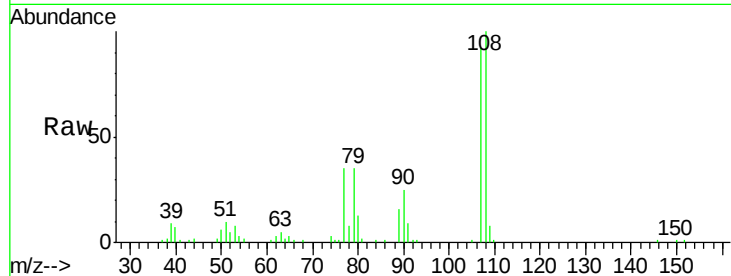




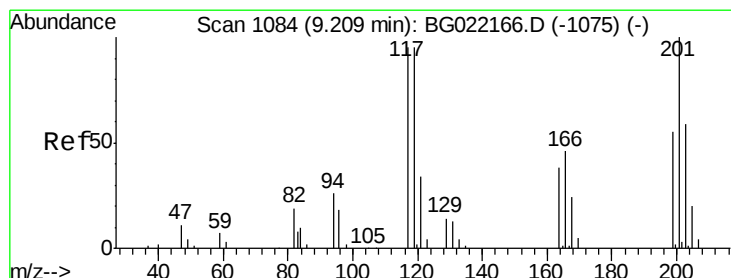
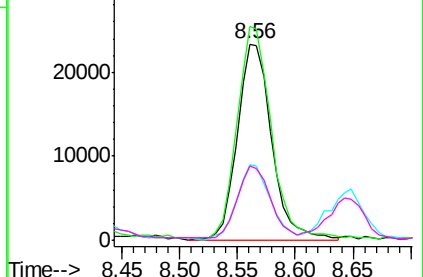
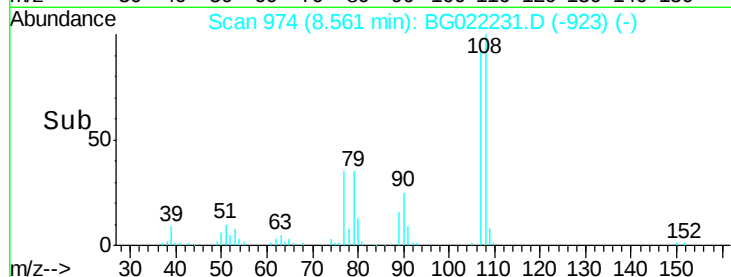
#17
2-Methylphenol
Concen: 35.76 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

Tot Ion:107 Resp: 48528
Ion Ratio Lower Upper
107 100
108 108.7 80.2 120.4
77 38.2 40.7 61.1#
79 38.0 39.8 59.8#

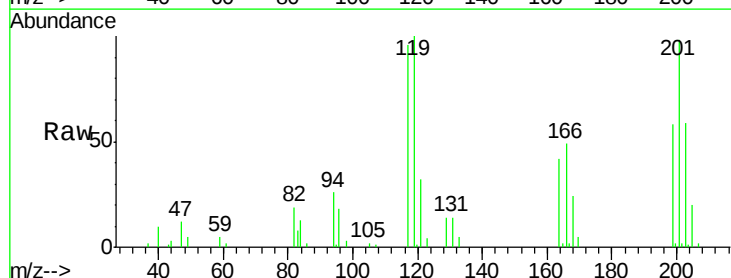


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

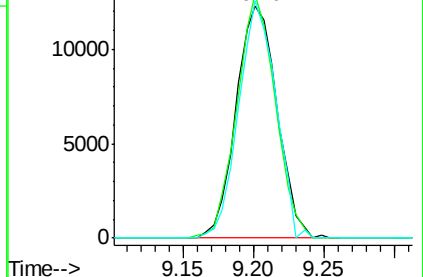
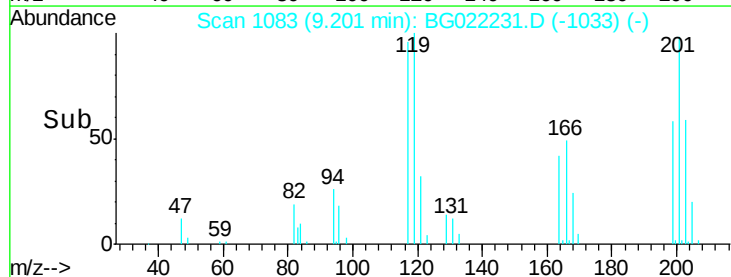


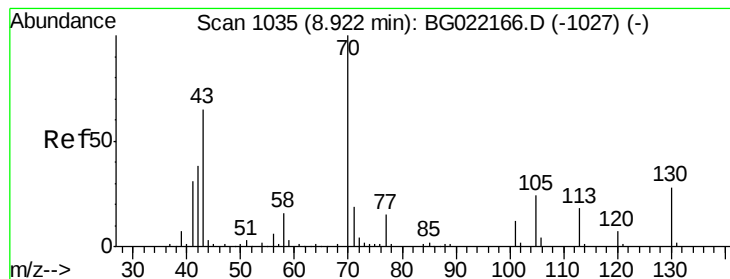
#18
Hexachloroethane
Concen: 41.31 ng
RT: 9.20 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:117 Resp: 24984
Ion Ratio Lower Upper
117 100
119 104.6 63.9 95.9#
201 104.7 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: 48.84 ng

RT: 8.92 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

Tot Ion: 70 Resp: 58325

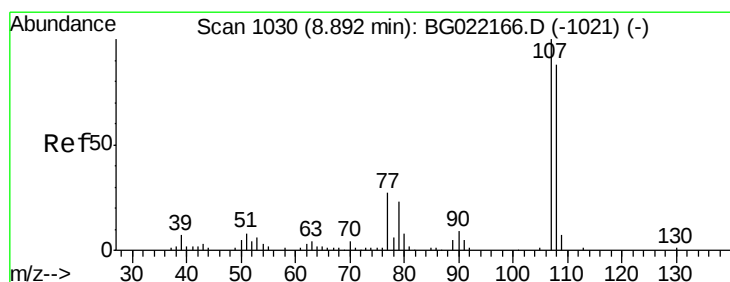
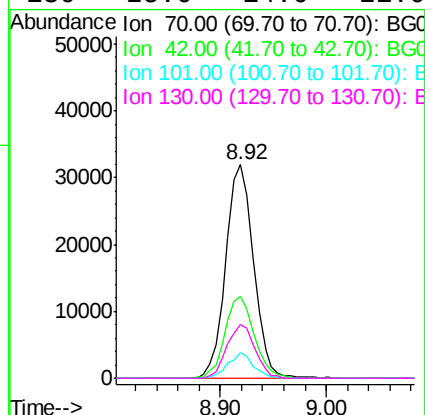
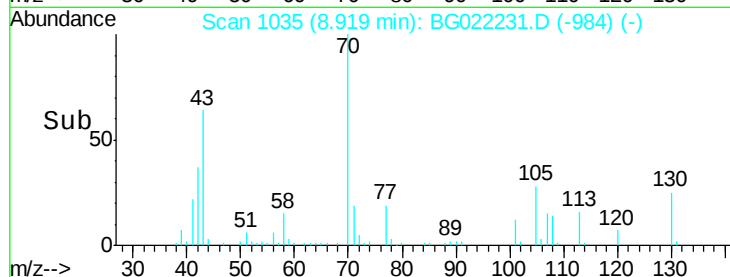
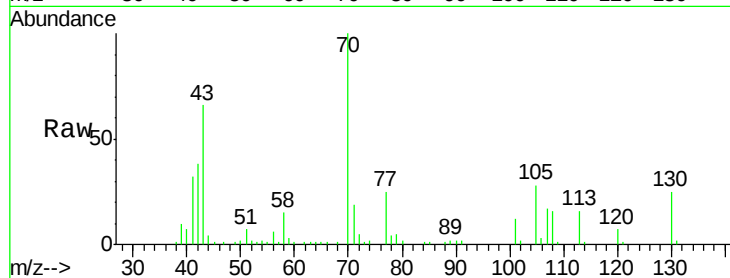
Ion Ratio Lower Upper

70 100

42 38.3 56.7 85.1#

101 12.2 8.2 12.4

130 25.0 14.0 21.0#



#20

3+4-Methylphenols

Concen: 29.61 ng

RT: 8.90 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Tgt Ion: 107 Resp: 57646

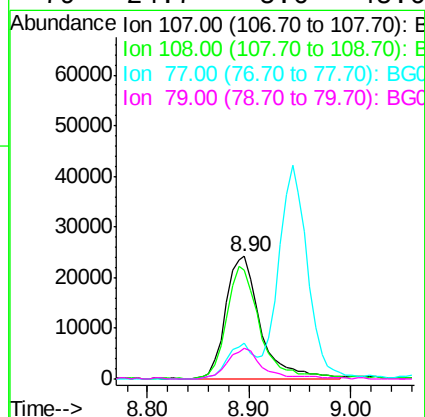
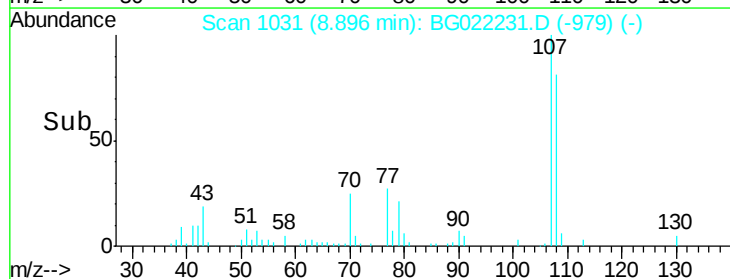
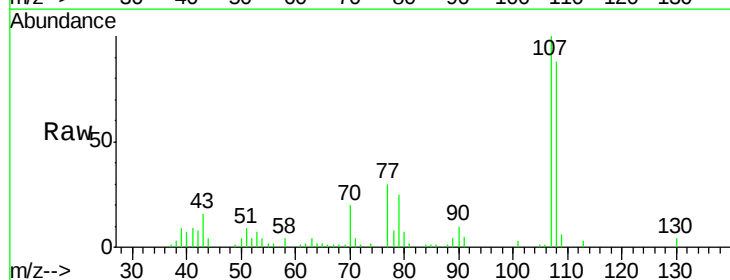
Ion Ratio Lower Upper

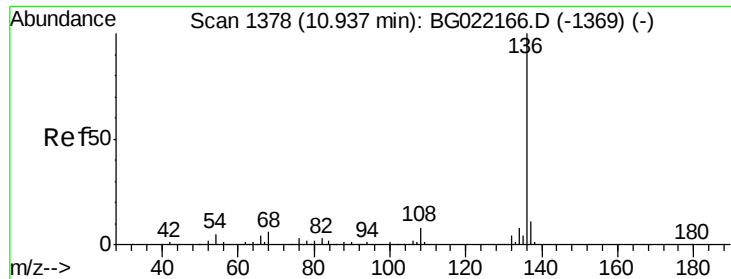
107 100

108 88.4 66.2 106.2

77 29.7 11.5 51.5

79 24.7 5.6 45.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1378

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

Tot Ion:136 Resp: 117702

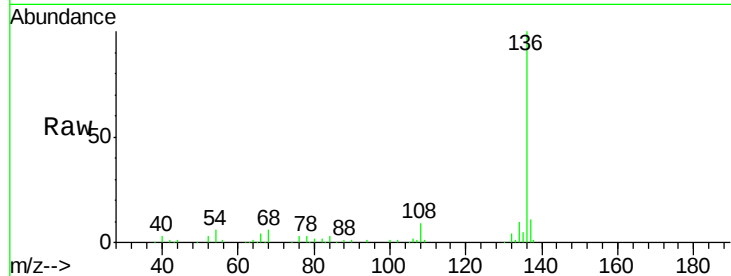
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 5.7 9.6 14.4#

68 5.9 6.4 9.6#

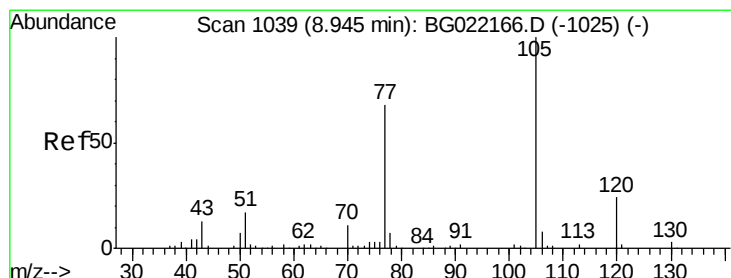
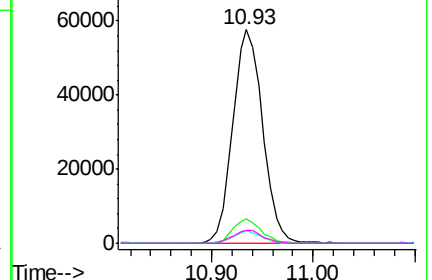
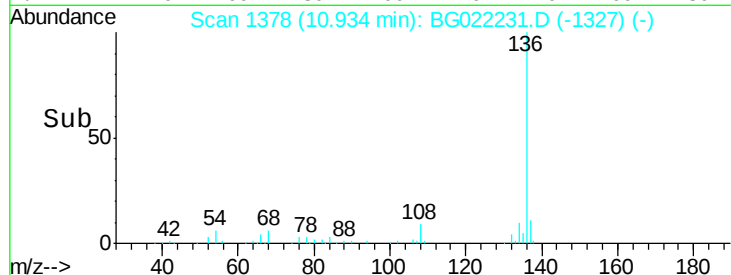


Abundance Ion 136.00 (135.70 to 136.70): E

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: 47.06 ng

RT: 8.94 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Tgt Ion:105 Resp: 119371

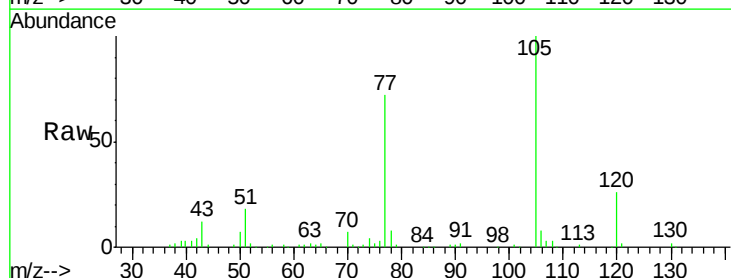
Ion Ratio Lower Upper

105 100

71 1.0 0.0 0.0#

51 17.8 25.7 38.5#

120 25.6 17.0 25.6#

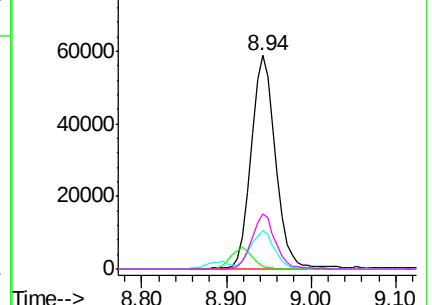
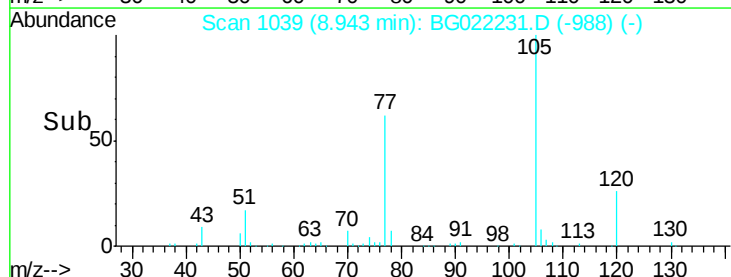


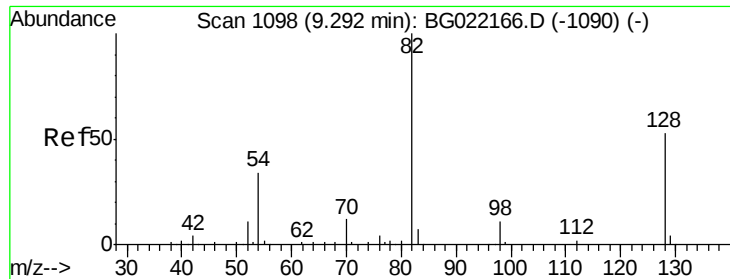
Abundance Ion 105.00 (104.70 to 105.70): E

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

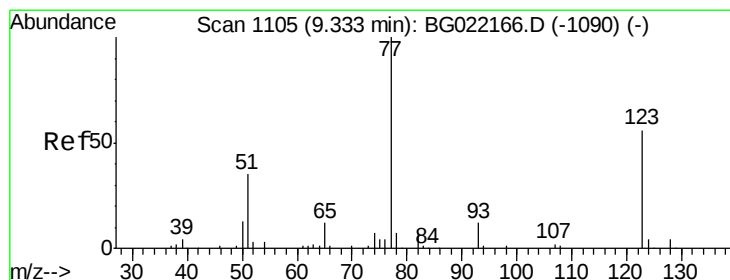
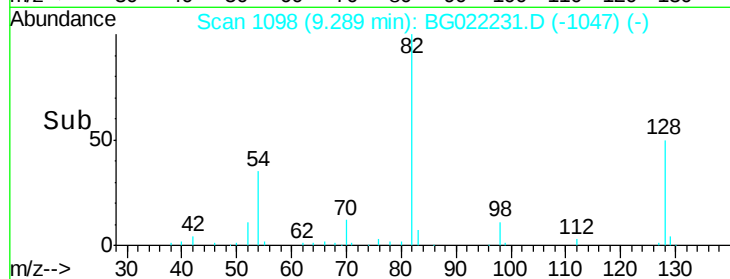
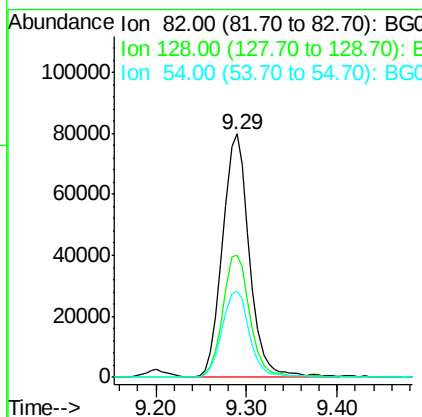
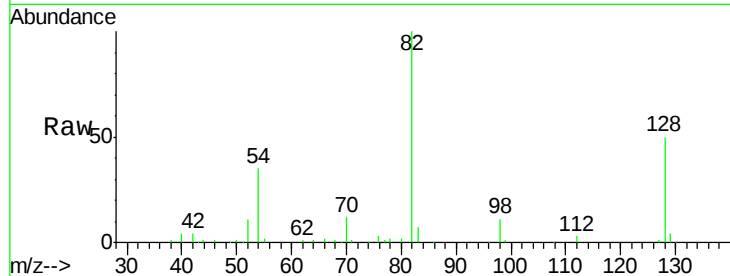




#23
 Nitrobenzene-d5
 Concen: 97.44 ng
 RT: 9.29 min Scan# 1098
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

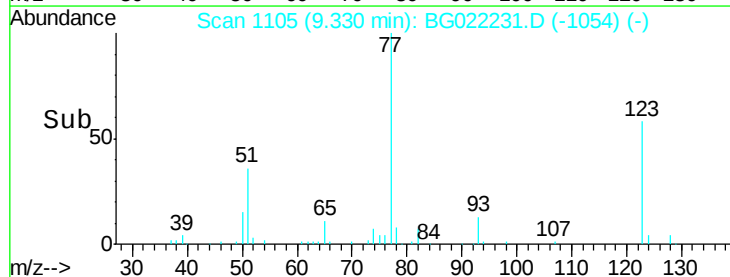
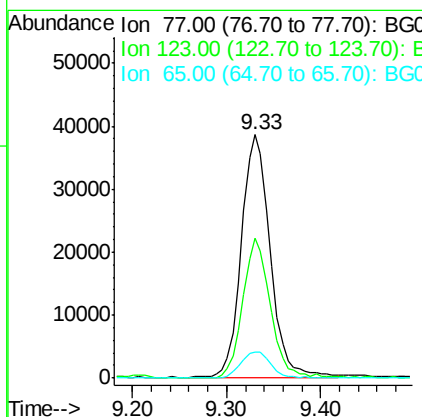
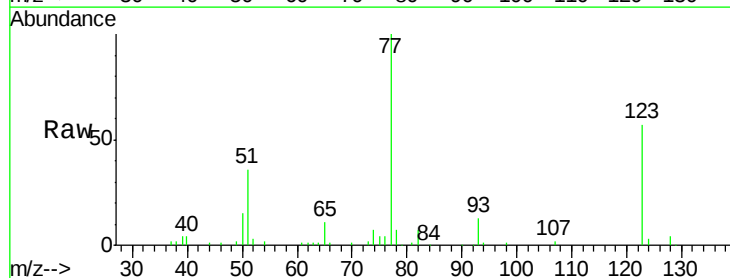
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

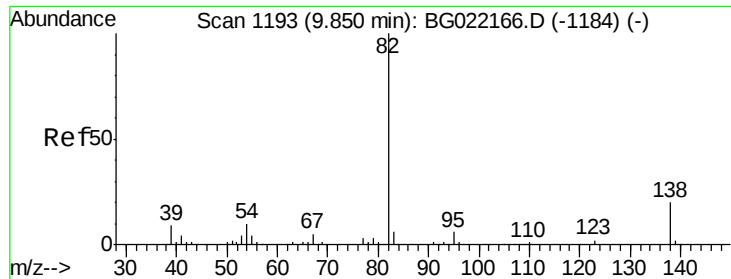
Tot Ion	82	Resp	164501
Ion Ratio	100	Lower	Upper
128	50.3	33.4	50.0#
54	35.3	46.1	69.1#



#24
 Nitrobenzene
 Concen: 48.73 ng
 RT: 9.33 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion	77	Resp	82730
Ion Ratio	100	Lower	Upper
123	57.3	32.2	48.4#
65	10.8	10.3	15.5





#25

Isophorone

Concen: 45.59 ng

RT: 9.85 min Scan# 1193

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

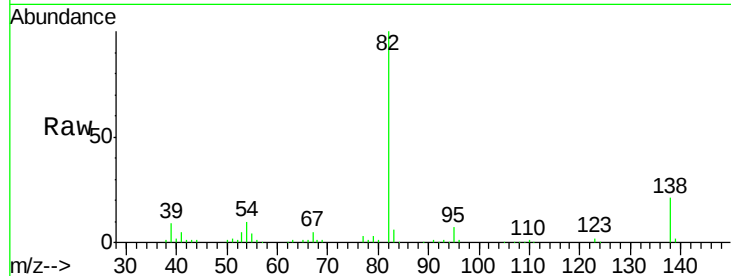
Tot Ion: 82 Resp: 180079

Ion Ratio Lower Upper

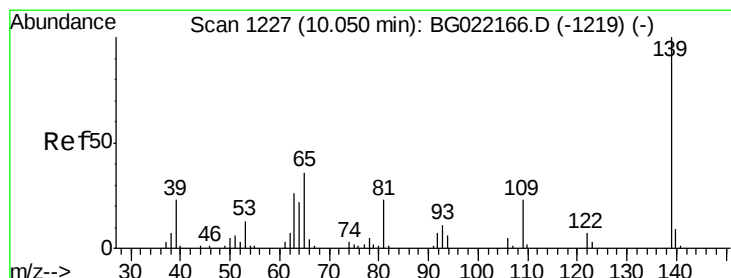
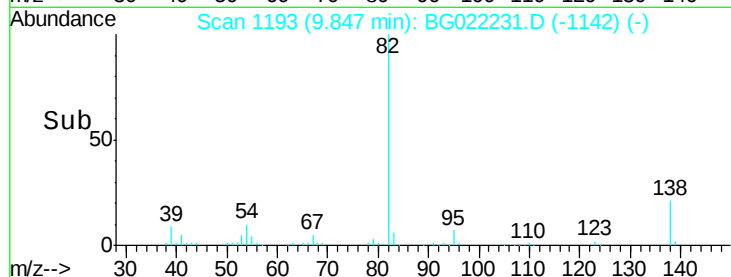
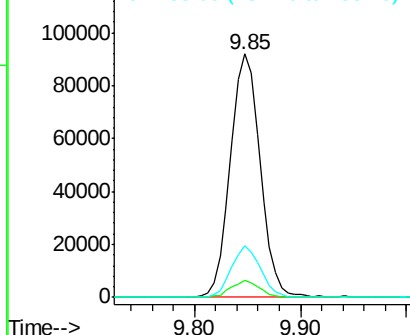
82 100

95 6.8 6.0 9.0

138 21.0 13.4 20.0#



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



#26

2-Nitrophenol

Concen: 43.38 ng

RT: 10.05 min Scan# 1227

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

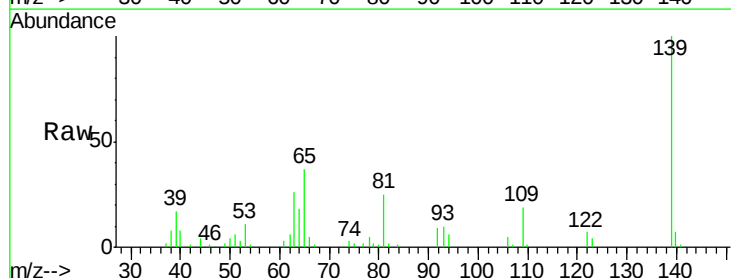
Tgt Ion: 139 Resp: 39933

Ion Ratio Lower Upper

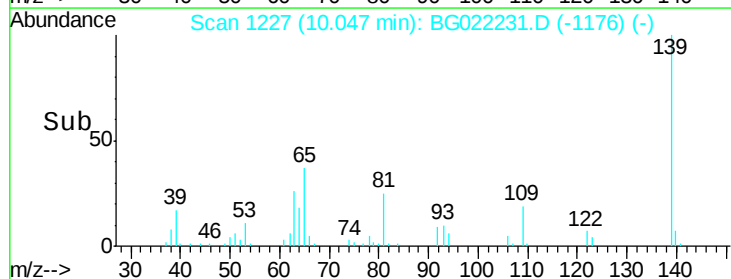
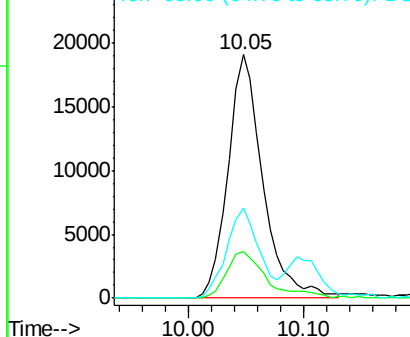
139 100

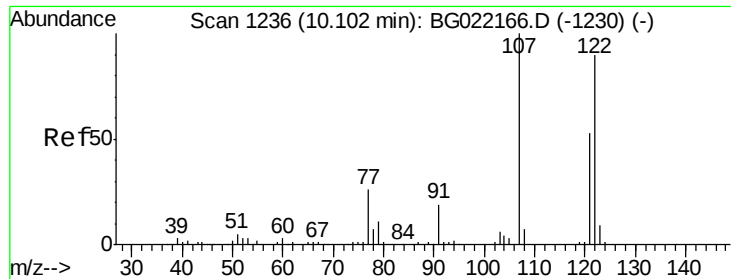
109 19.3 26.6 40.0#

65 37.1 45.3 67.9#



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

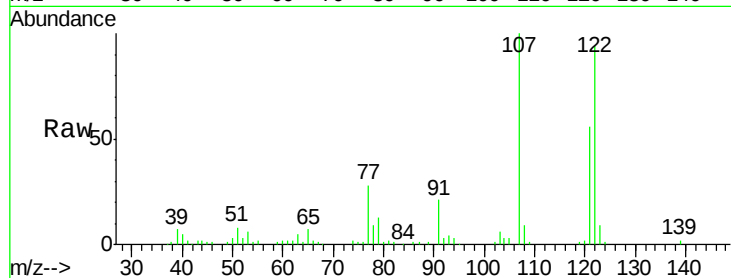




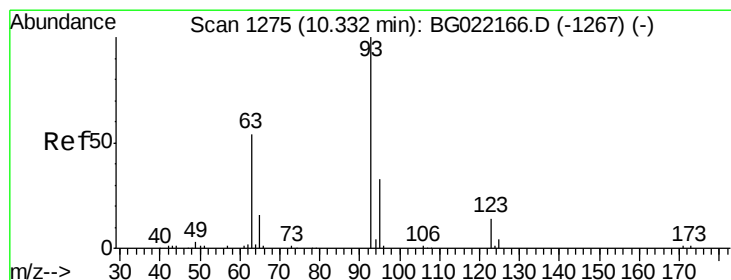
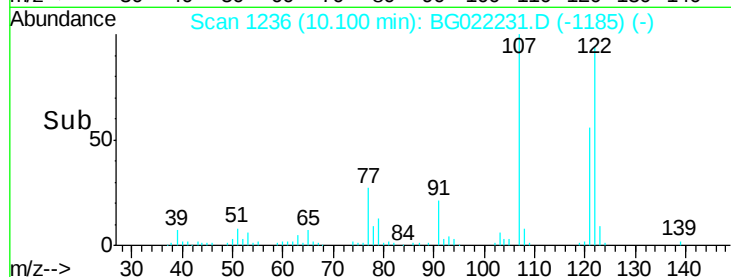
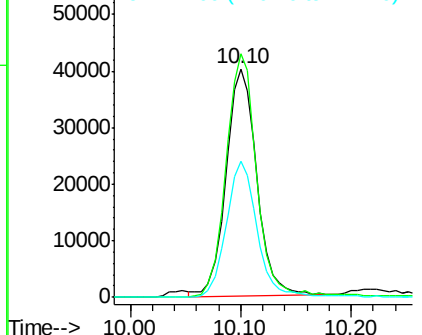
#27
 2,4-Dimethylphenol
 Concen: 46.79 ng
 RT: 10.10 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:122 Resp: 77968
 Ion Ratio Lower Upper
 122 100
 107 106.5 97.2 145.8
 121 59.7 49.0 73.4

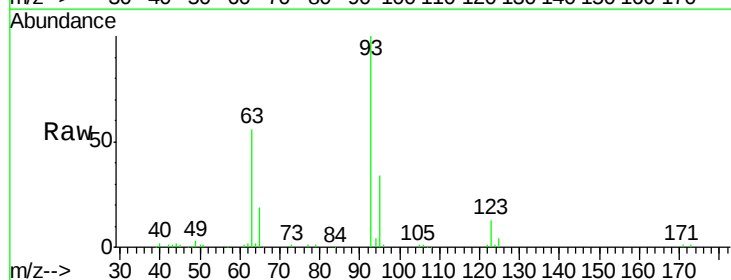


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

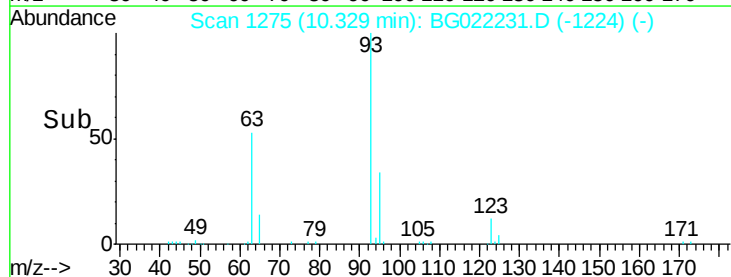
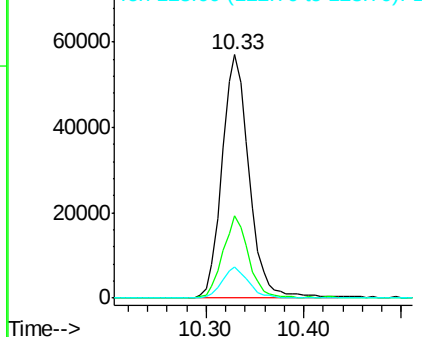


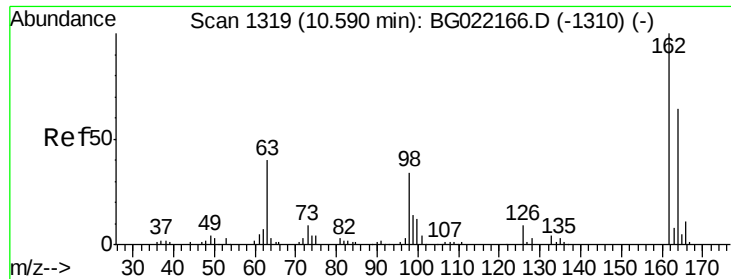
#28
 bis(2-Chloroethoxy)methane
 Concen: 48.47 ng
 RT: 10.33 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion: 93 Resp: 109686
 Ion Ratio Lower Upper
 93 100
 95 33.7 30.1 45.1
 123 12.8 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

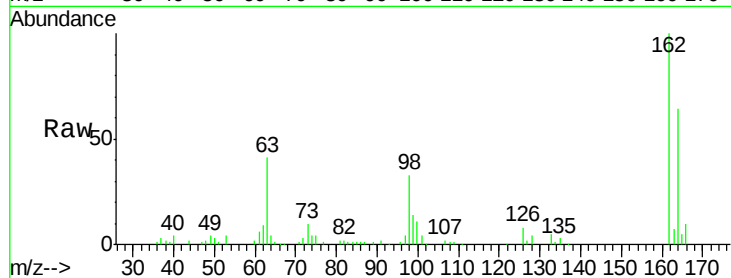




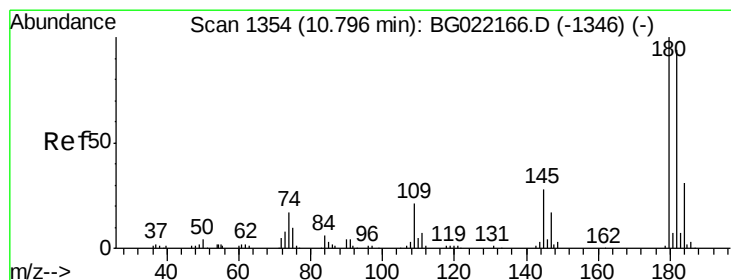
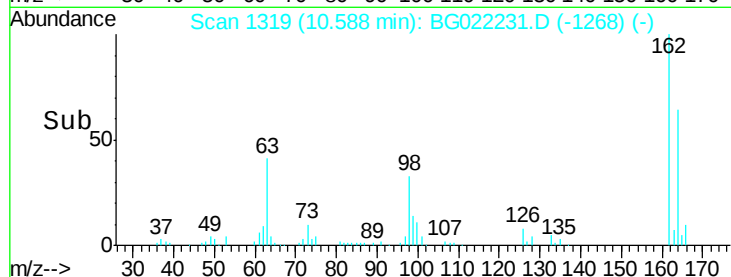
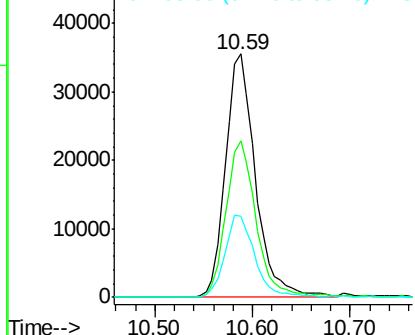
#29
 2,4-Dichlorophenol
 Concen: 49.05 ng
 RT: 10.59 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:162 Resp: 75719
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.9 84.9
 98 33.1 19.2 59.2

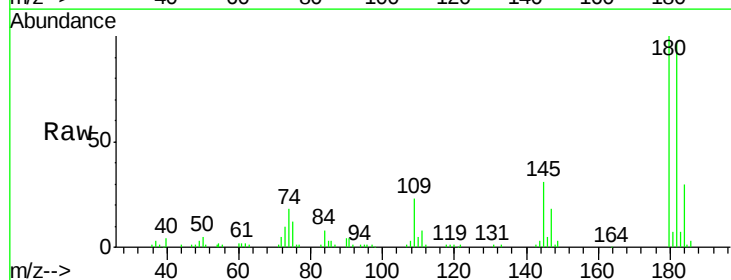


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

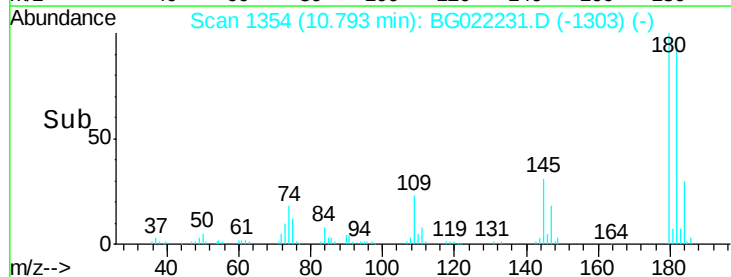
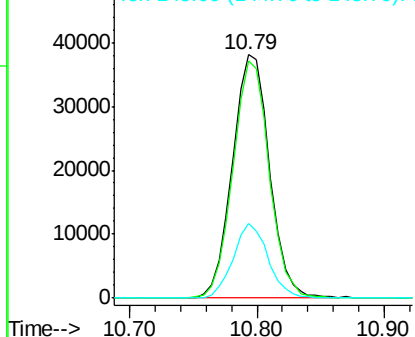


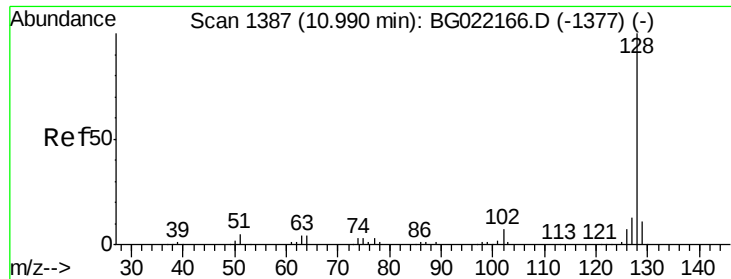
#30
 1,2,4-Trichlorobenzene
 Concen: 44.73 ng
 RT: 10.79 min Scan# 1354
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:180 Resp: 77149
 Ion Ratio Lower Upper
 180 100
 182 97.3 82.3 123.5
 145 30.8 24.4 36.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

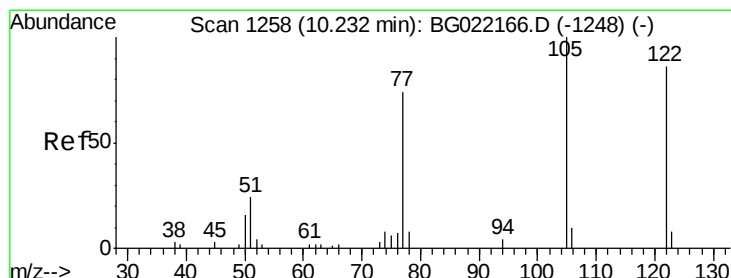
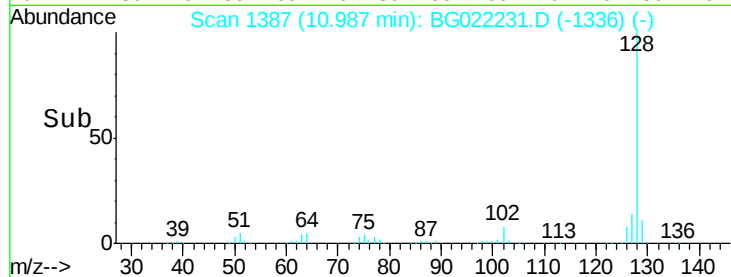
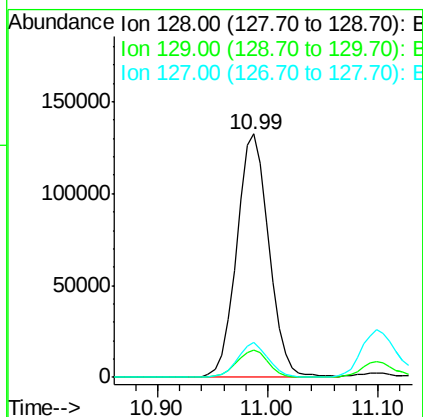
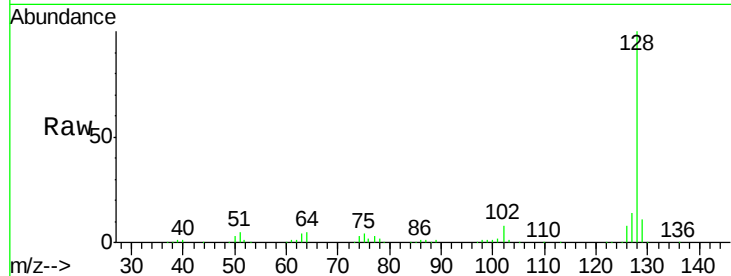




#31
Naphthalene
Concen: 46.25 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

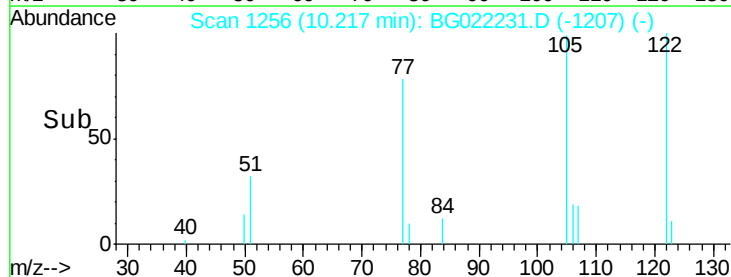
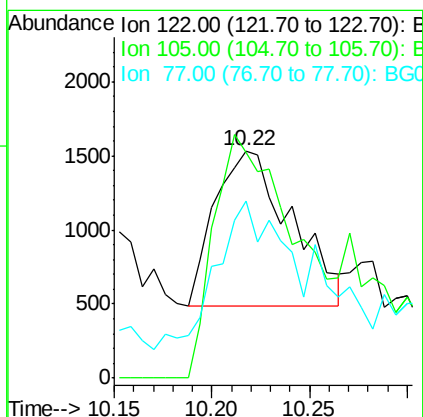
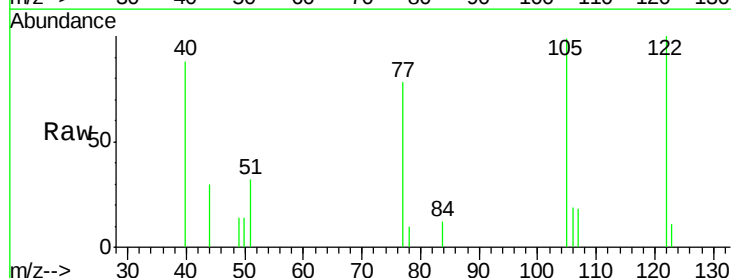
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

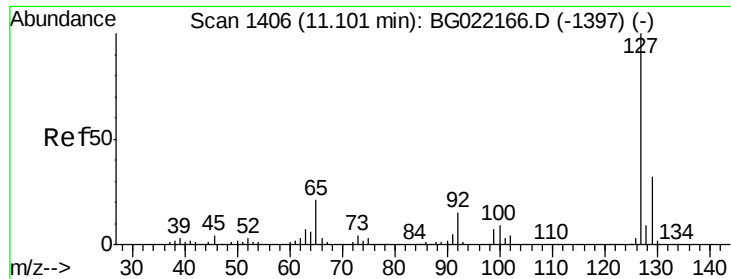
Tot Ion:128 Resp: 271703
Ion Ratio Lower Upper
128 100
129 11.2 7.0 10.6#
127 14.2 10.1 15.1



#32
Benzoic acid
Concen: 12.78 ng
RT: 10.22 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:122 Resp: 2830
Ion Ratio Lower Upper
122 100
105 99.5 104.5 144.5#
77 77.8 79.9 119.9#

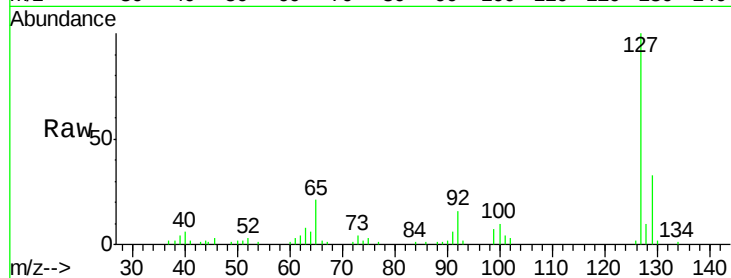




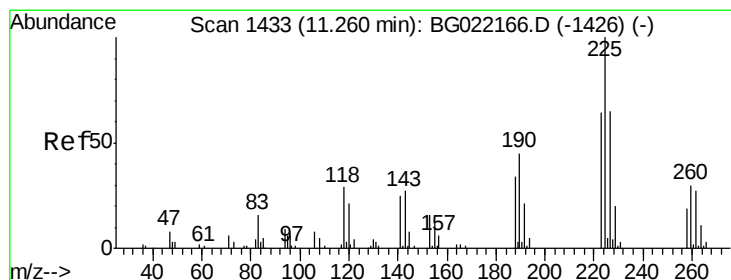
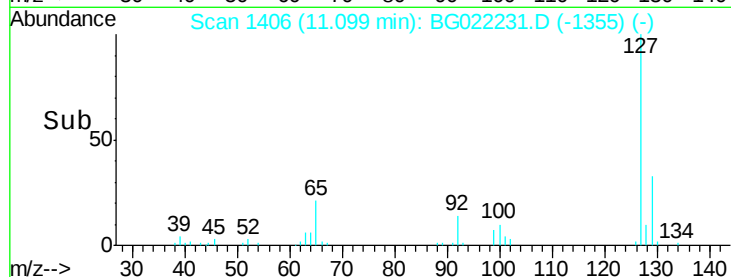
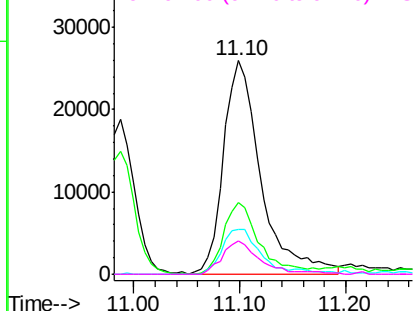
#33
4-Chloroaniline
Concen: 26.12 ng
RT: 11.10 min Scan# 1406
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

Tot Ion:127 Resp: 63814
Ion Ratio Lower Upper
127 100
129 33.5 26.6 39.8
65 21.2 27.5 41.3#
92 15.8 14.7 22.1

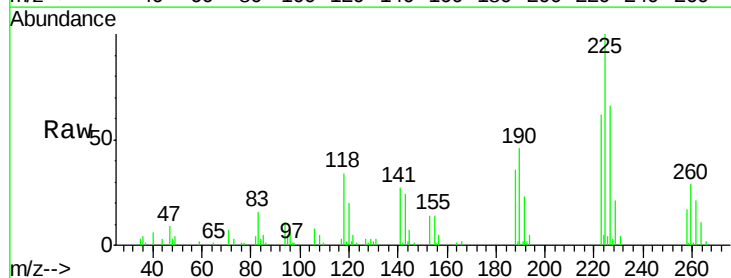


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

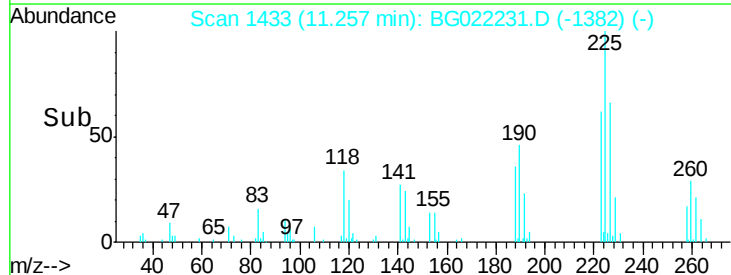
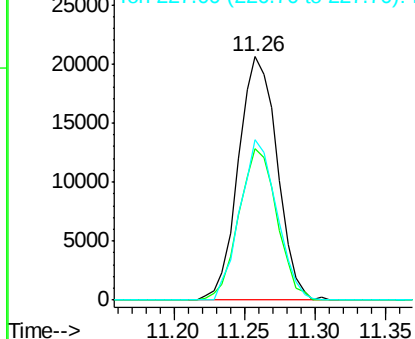


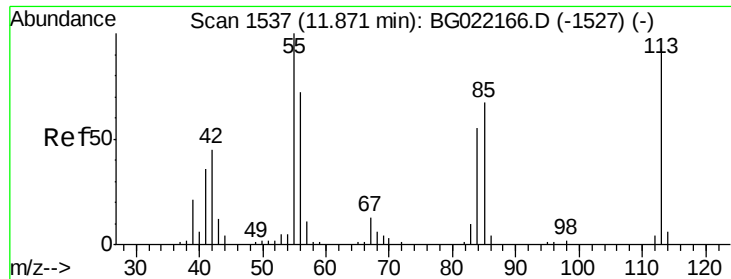
#34
Hexachlorobutadiene
Concen: 42.79 ng
RT: 11.26 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:225 Resp: 39626
Ion Ratio Lower Upper
225 100
223 64.4 52.7 79.1
227 66.3 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

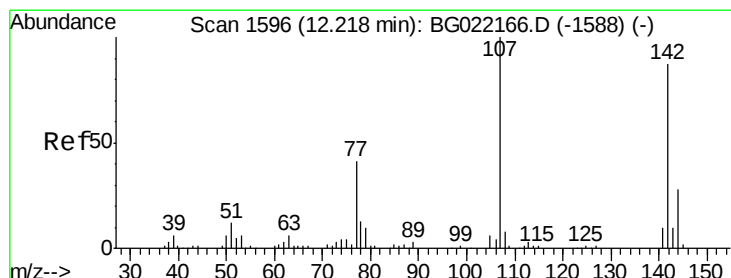
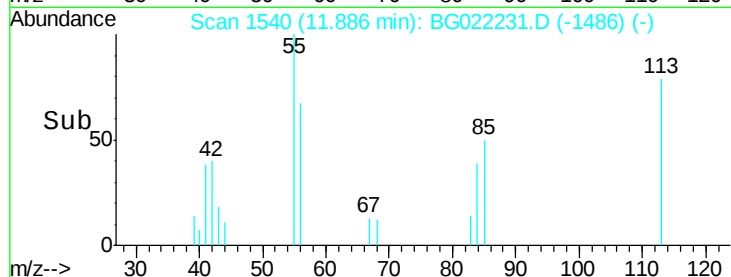
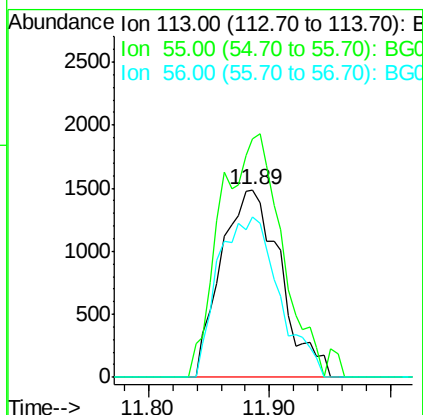
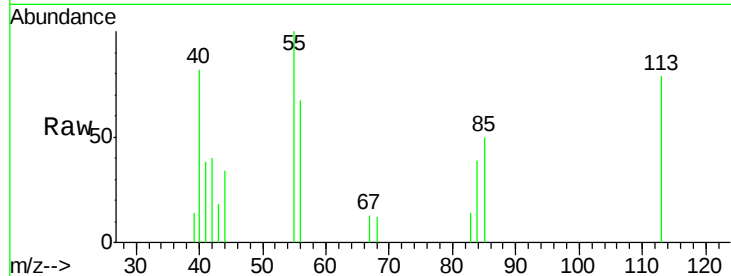




#35
Caprolactam
Concen: 5.98 ng
RT: 11.89 min Scan# 1540
Delta R.T. 0.02 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

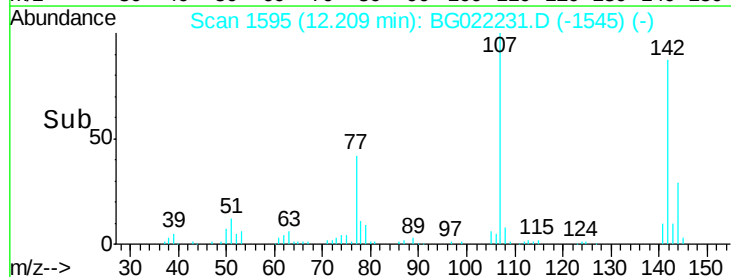
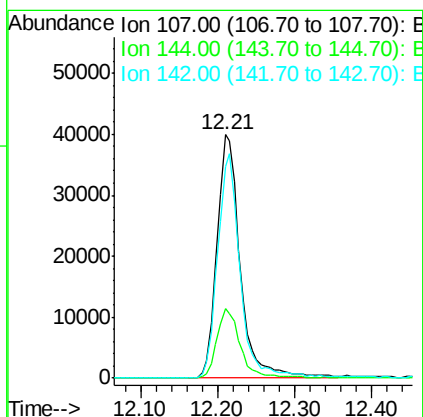
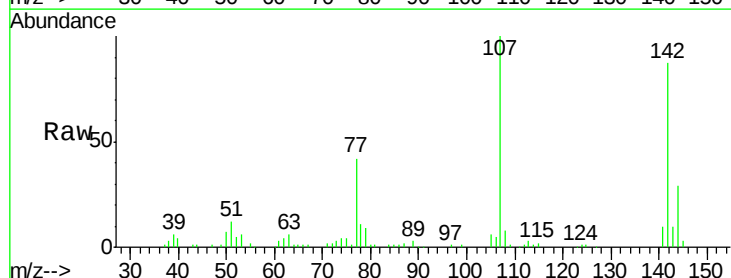
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

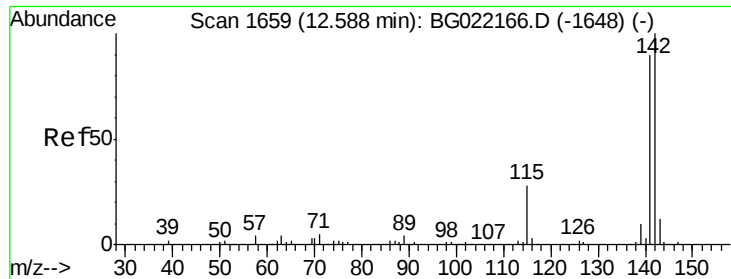
Tot Ion:113 Resp: 5064
Ion Ratio Lower Upper
113 100
55 126.9 194.2 234.2#
56 85.3 122.6 162.6#



#36
4-Chloro-3-methylphenol
Concen: 45.61 ng
RT: 12.21 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:107 Resp: 83444
Ion Ratio Lower Upper
107 100
144 28.8 19.2 28.8
142 87.1 59.1 88.7

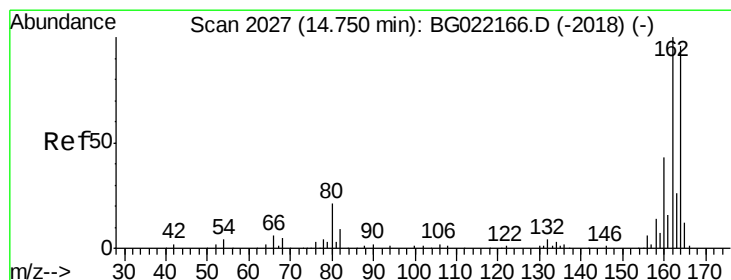
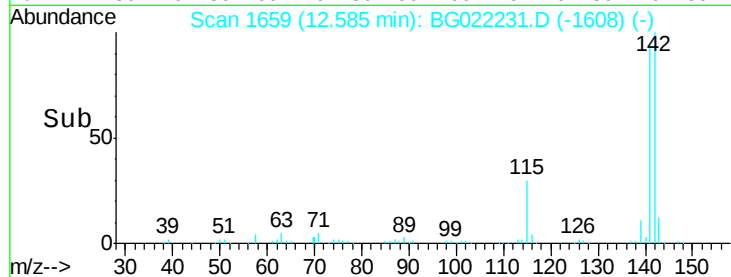
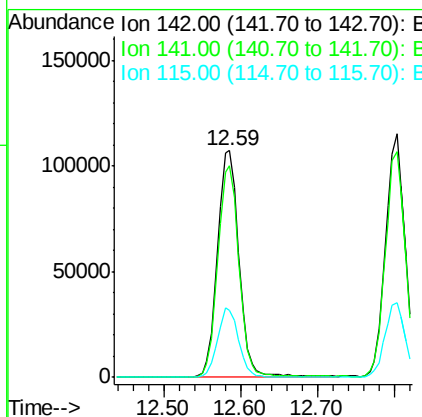
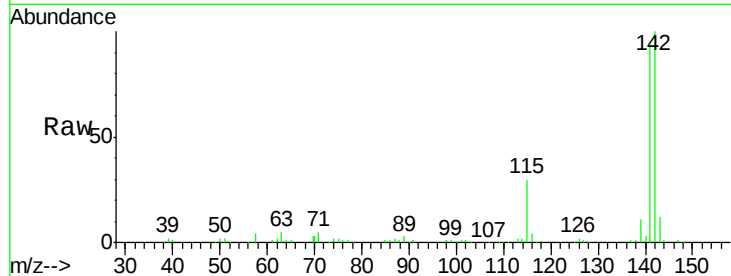




#37
2-Methylnaphthalene
Concen: 48.00 ng
RT: 12.59 min Scan# 1659
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

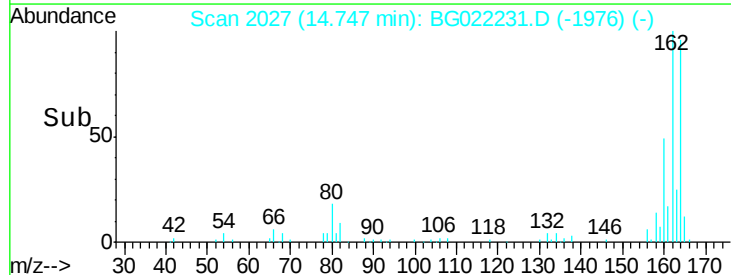
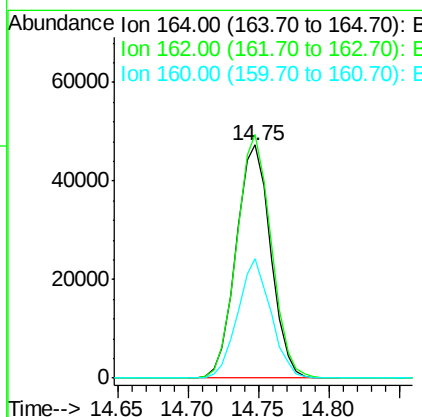
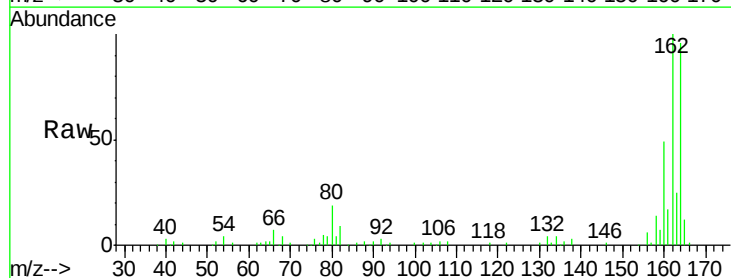
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

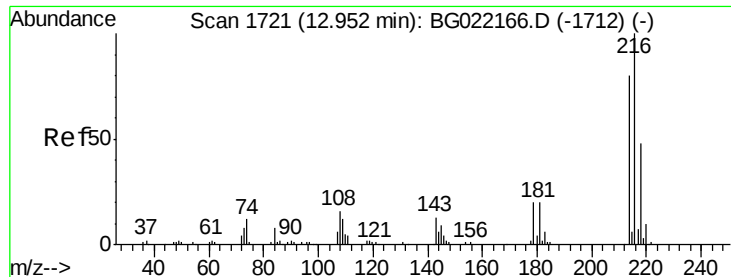
Tot Ion:142 Resp: 208170
Ion Ratio Lower Upper
142 100
141 93.4 71.4 107.0
115 29.6 27.4 41.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:164 Resp: 80924
Ion Ratio Lower Upper
164 100
162 104.6 78.0 117.0
160 51.2 32.9 49.3#

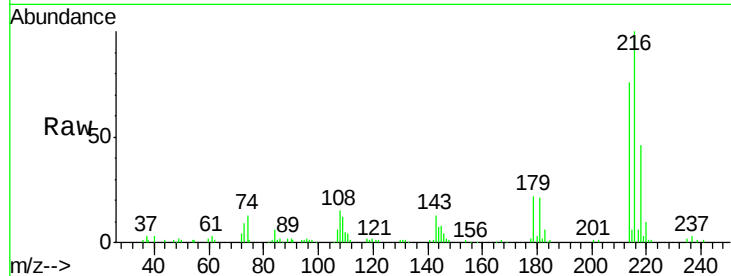




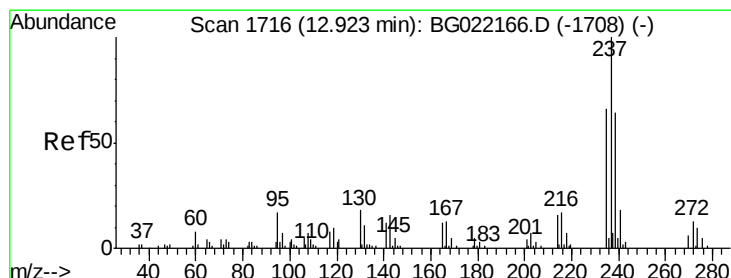
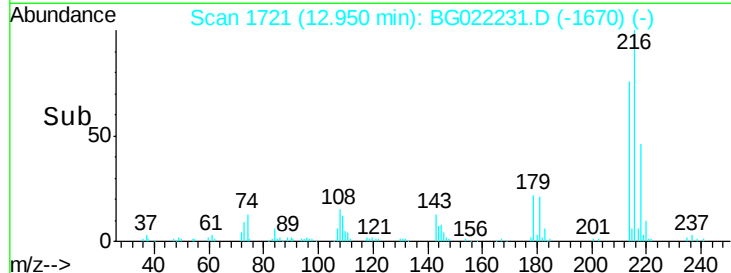
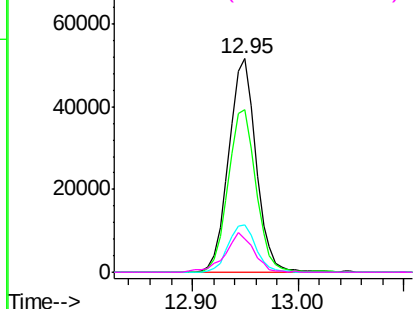
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.31 ng
 RT: 12.95 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:216	Resp:	92296
Ion	Ratio	Lower Upper
216	100	
214	77.1	62.2 93.2
179	22.4	16.7 25.1
108	19.2	14.0 21.0

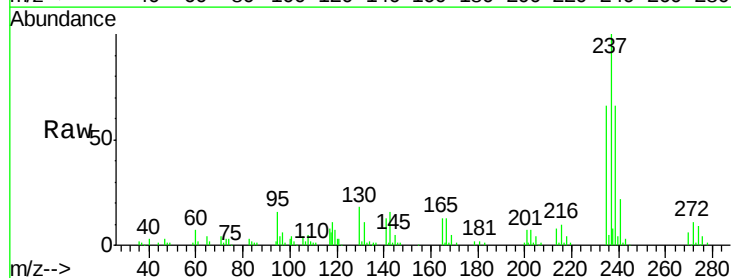


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

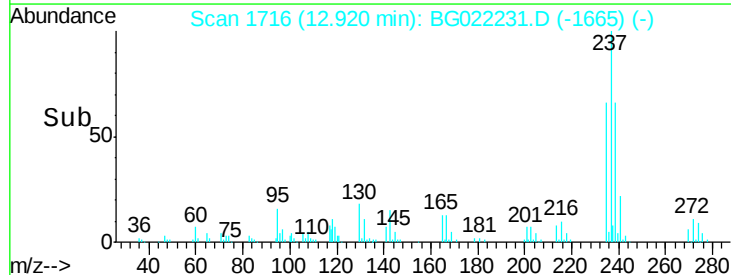
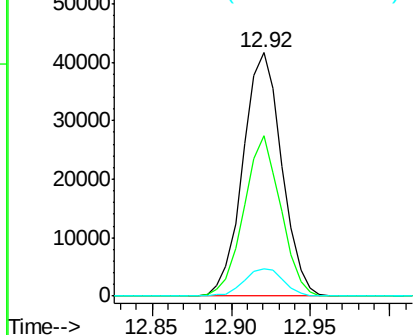


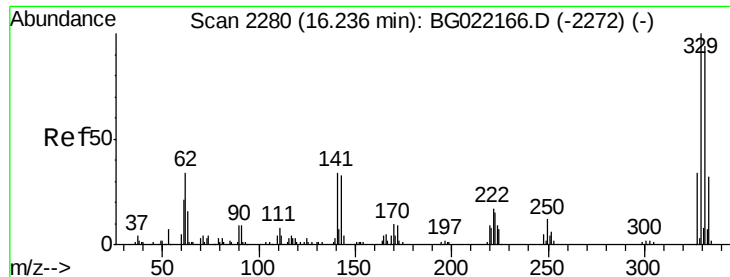
#40
 Hexachlorocyclopentadiene
 Concen: 67.50 ng
 RT: 12.92 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:237	Resp:	70776
Ion	Ratio	Lower Upper
237	100	
235	65.7	43.2 83.2
272	11.3	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

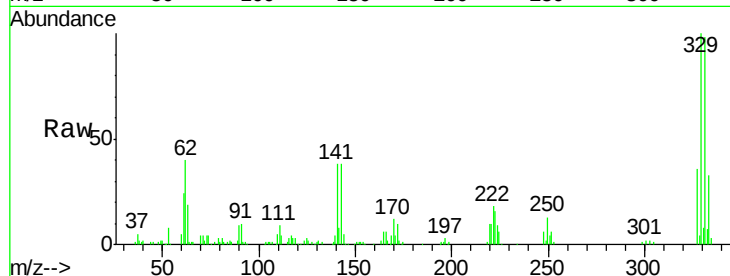




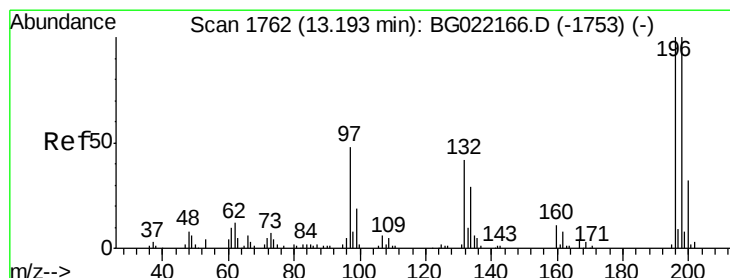
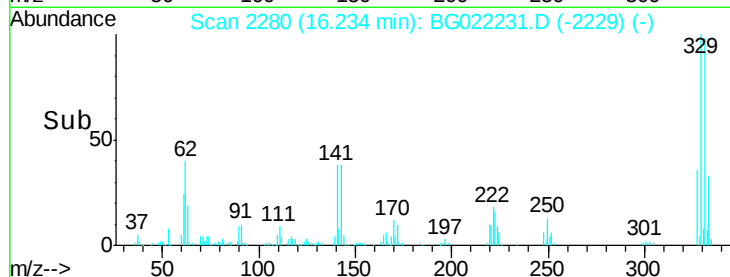
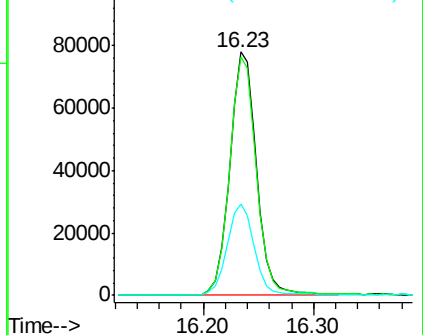
#41
 2,4,6-Tribromophenol
 Concen: 144.62 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:330 Resp: 132244
 Ion Ratio Lower Upper
 330 100
 332 98.0 78.0 117.0
 141 38.2 33.8 50.8

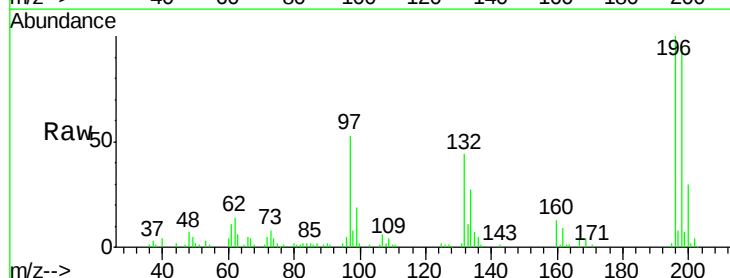


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

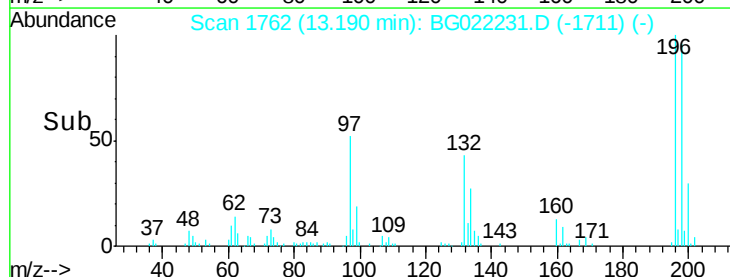
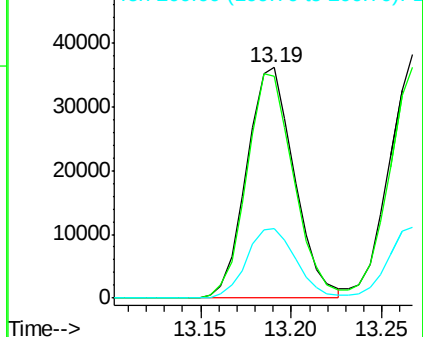


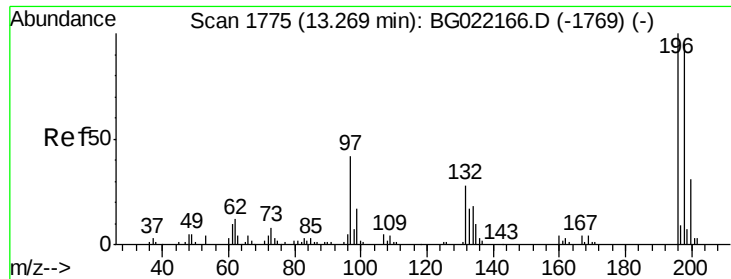
#42
 2,4,6-Trichlorophenol
 Concen: 47.17 ng
 RT: 13.19 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:196 Resp: 65922
 Ion Ratio Lower Upper
 196 100
 198 96.1 80.1 120.1
 200 30.0 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

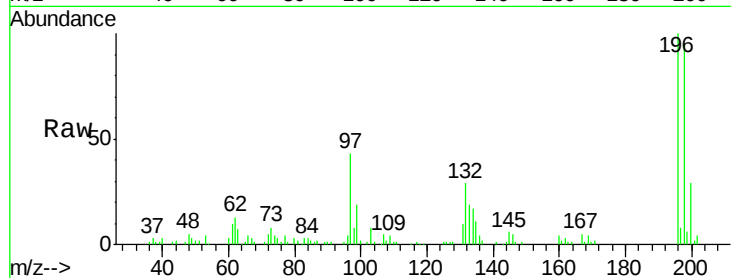




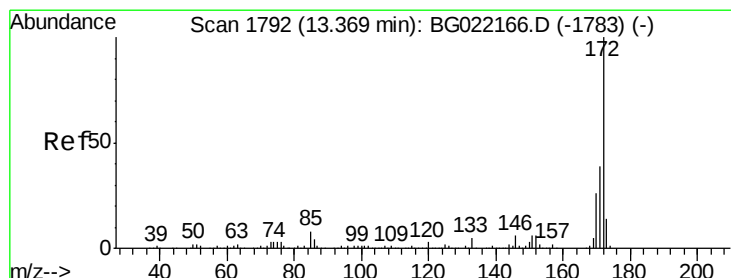
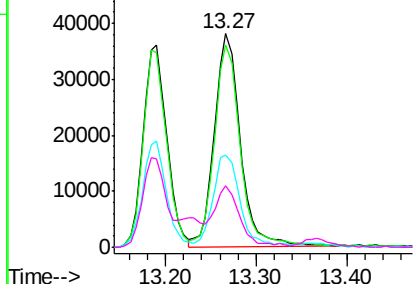
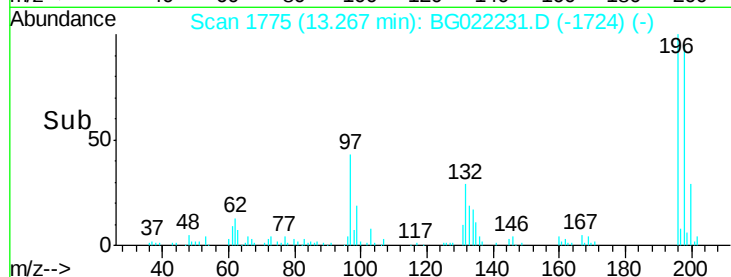
#43
 2,4,5-Trichlorophenol
 Concen: 48.88 ng
 RT: 13.27 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:196 Resp: 75474
 Ion Ratio Lower Upper
 196 100
 198 94.8 78.0 117.0
 97 43.4 43.0 64.6
 132 28.7 23.0 34.4

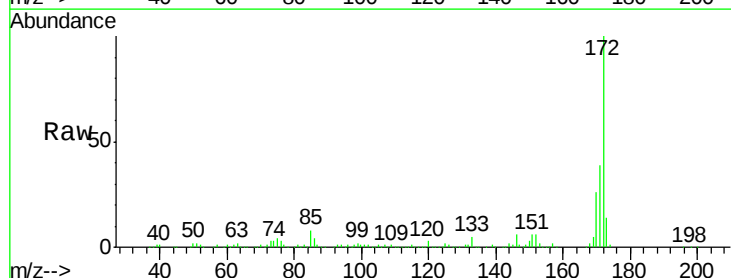


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

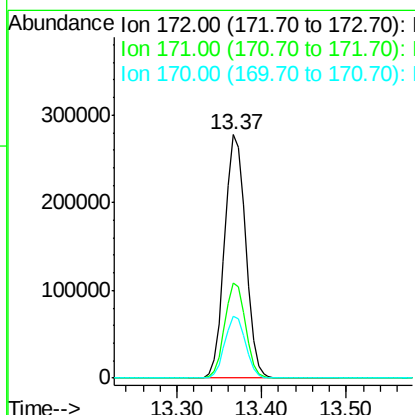
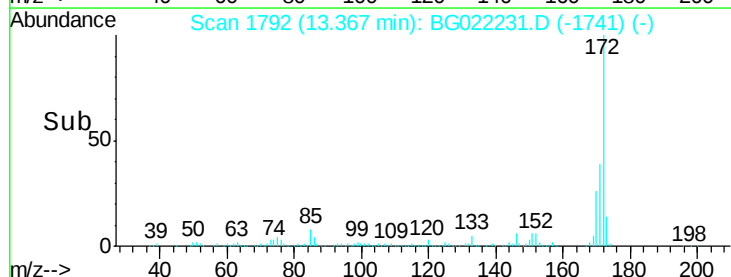


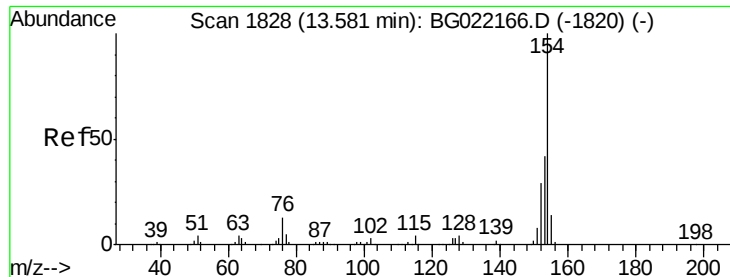
#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:172 Resp: 477959
 Ion Ratio Lower Upper
 172 100
 171 38.8 27.8 41.6
 170 25.6 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

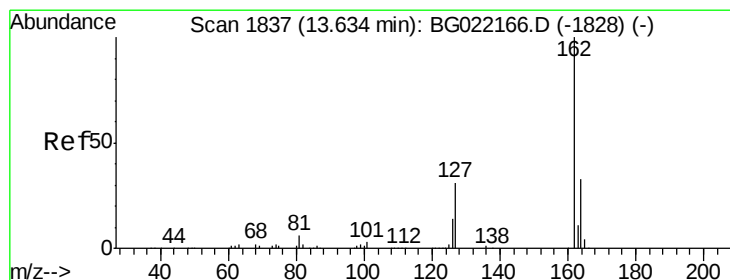
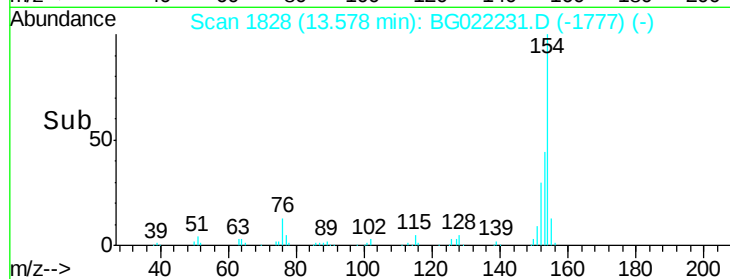
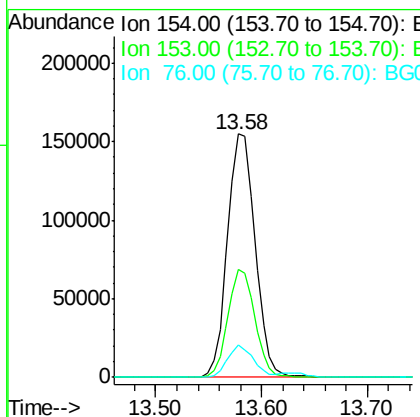
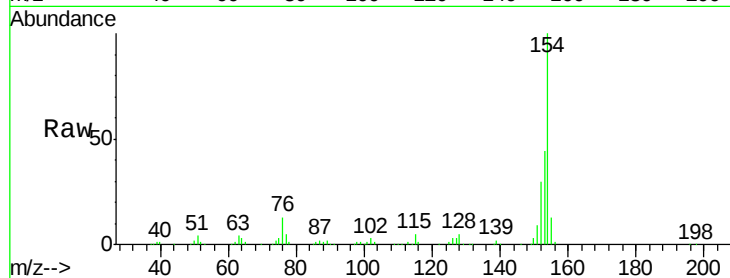




#45
 1,1'-Biphenyl
 Concen: 46.16 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

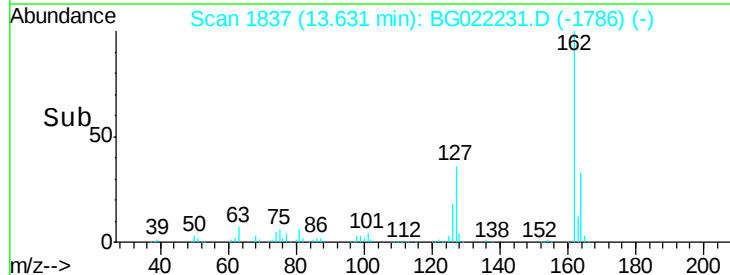
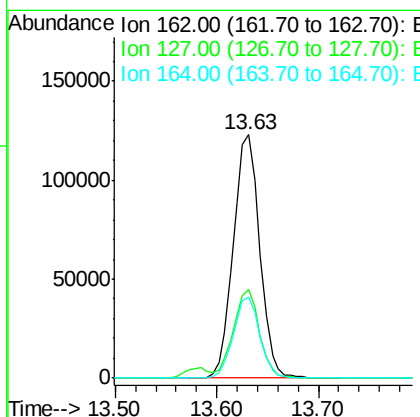
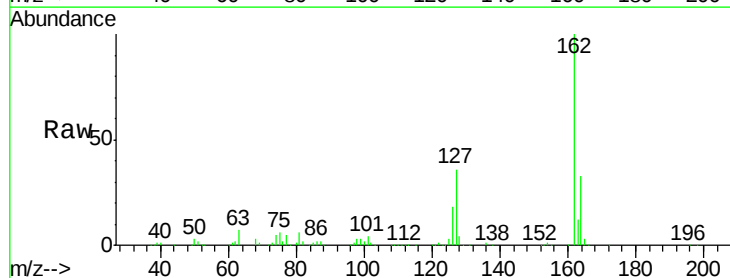
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

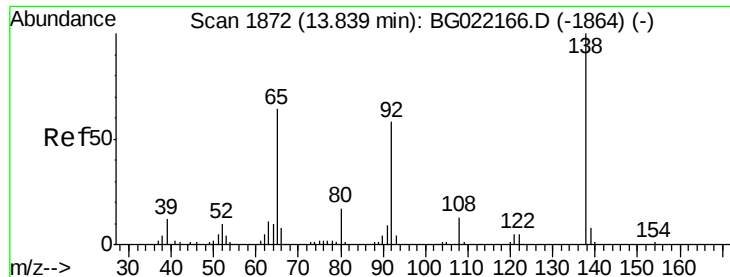
Tot Ion:154 Resp: 281141
 Ion Ratio Lower Upper
 154 100
 153 44.2 19.7 59.7
 76 13.5 0.0 33.0



#46
 2-Chloronaphthalene
 Concen: 47.58 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:162 Resp: 222145
 Ion Ratio Lower Upper
 162 100
 127 36.2 32.0 48.0
 164 33.3 27.0 40.4

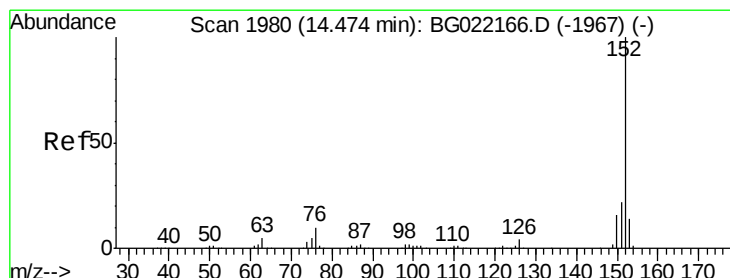
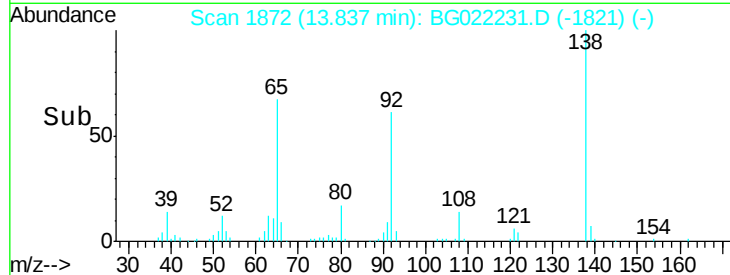
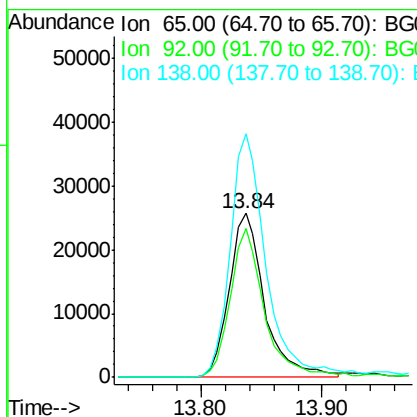
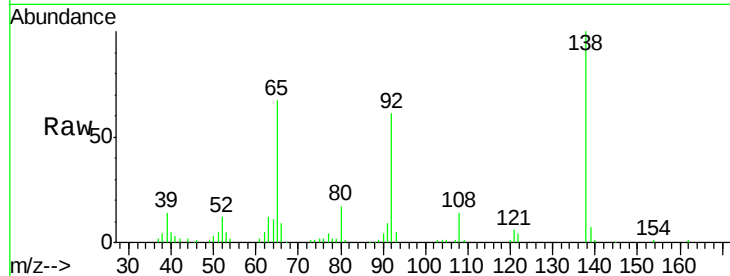




#47
 2-Nitroaniline
 Concen: 46.89 ng
 RT: 13.84 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

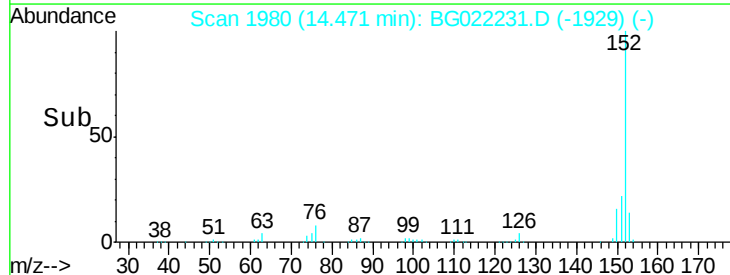
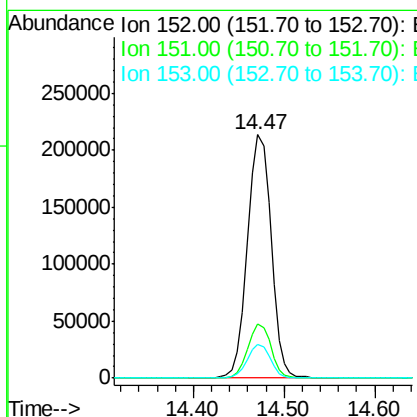
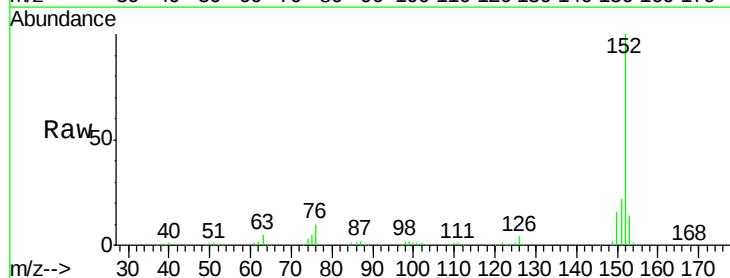
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

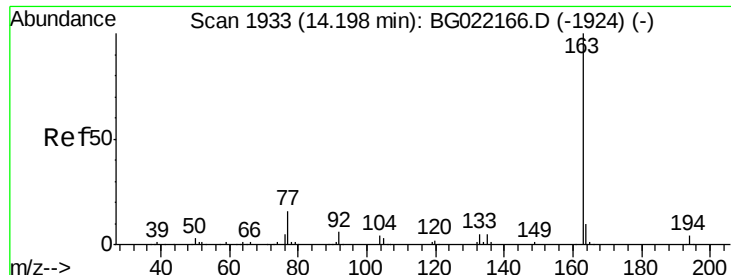
Tot Ion	Ratio	Lower	Upper
65	100		
92	90.4	49.2	73.8#
138	148.5	75.0	112.6#



#48
 Acenaphthylene
 Concen: 47.52 ng
 RT: 14.47 min Scan# 1980
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.6	24.8
153	13.8	10.2	15.2





#49

Dimethylphthalate

Concen: 47.09 ng

RT: 14.20 min Scan# 1933

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

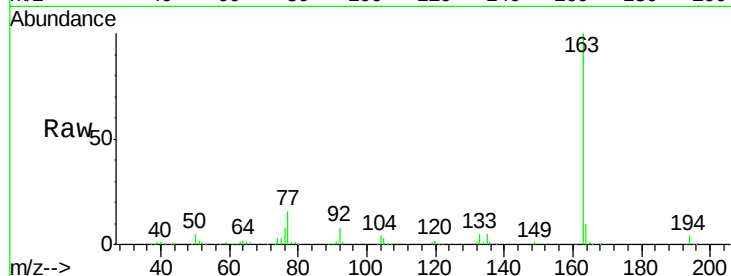
Tot Ion:163 Resp: 315936

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

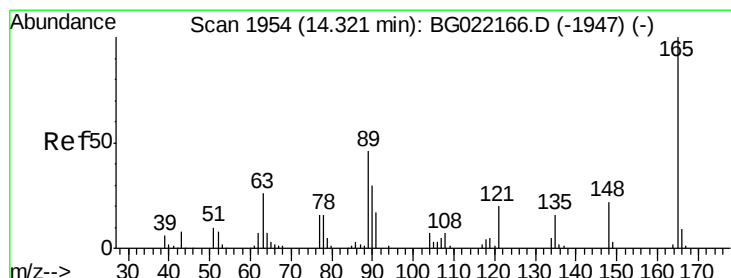
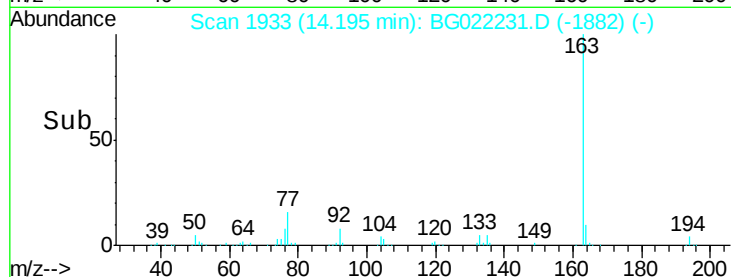
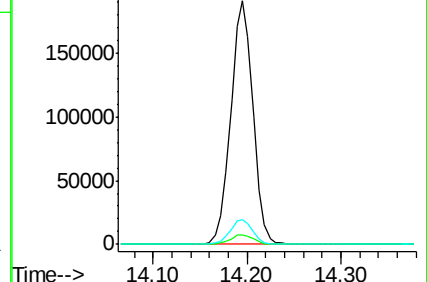
164 10.0 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.77 ng

RT: 14.32 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

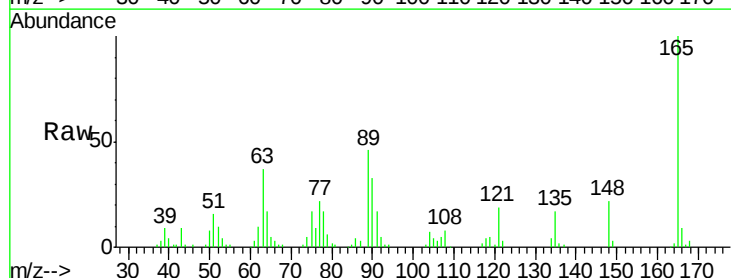
Tgt Ion:165 Resp: 71135

Ion Ratio Lower Upper

165 100

63 36.9 48.2 72.4#

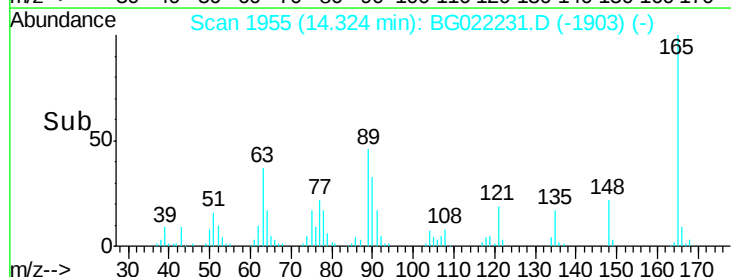
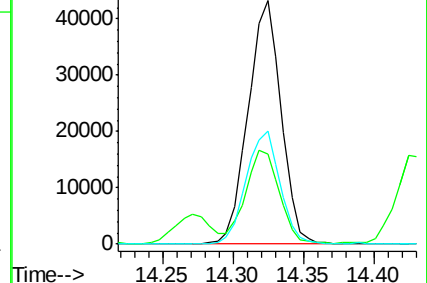
89 46.4 45.3 67.9

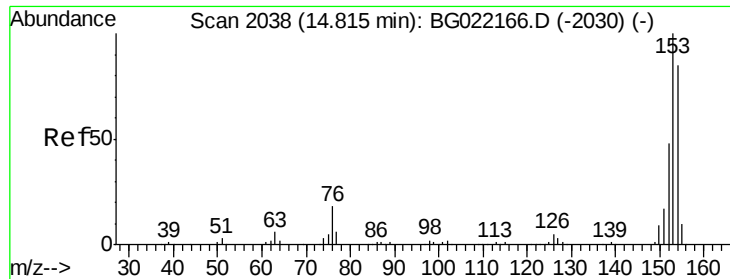


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.96 ng

RT: 14.81 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

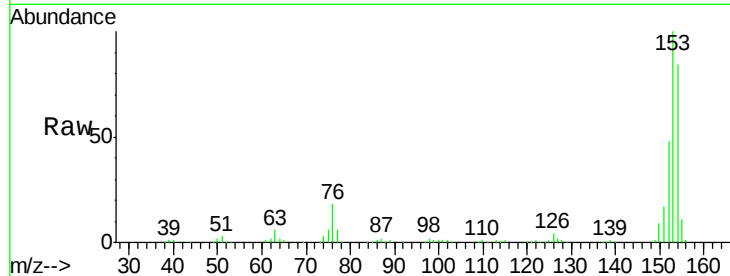
Tot Ion:154 Resp: 230471

Ion Ratio Lower Upper

154 100

153 118.7 91.9 137.9

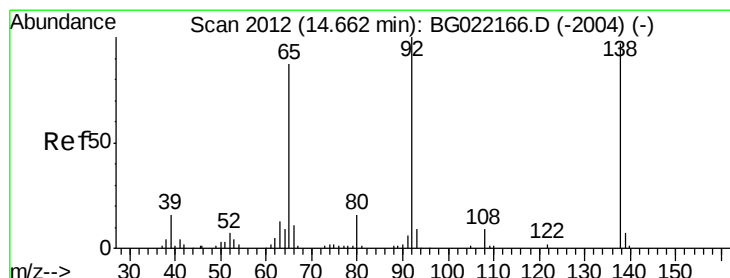
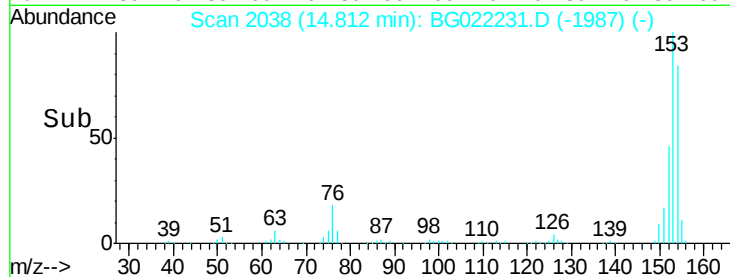
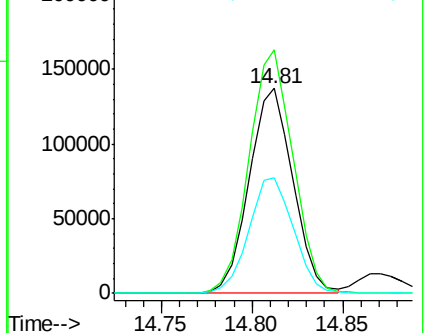
152 56.4 42.0 63.0



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: 31.04 ng

RT: 14.66 min Scan# 2012

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

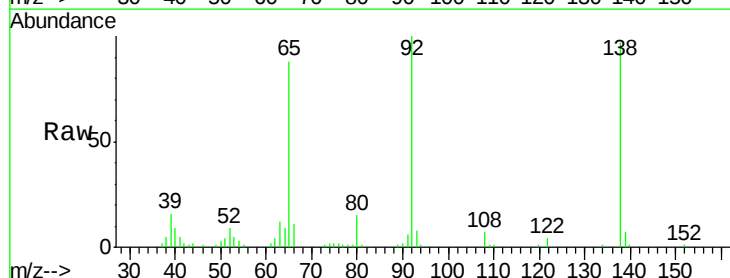
Tgt Ion:138 Resp: 50223

Ion Ratio Lower Upper

138 100

108 6.8 9.1 13.7#

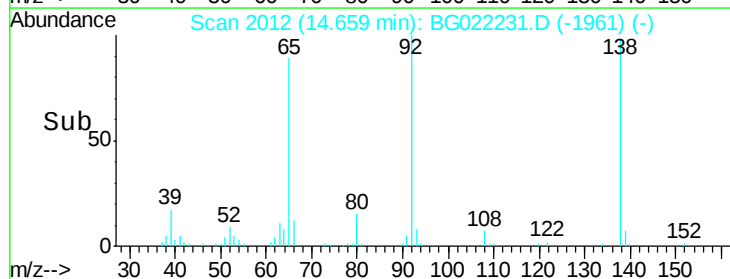
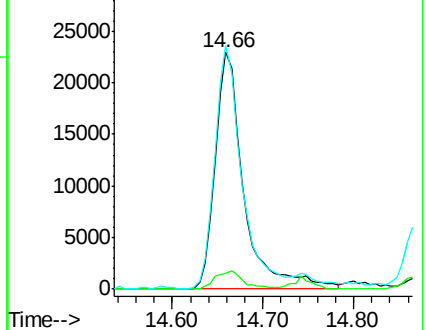
92 102.7 102.6 154.0

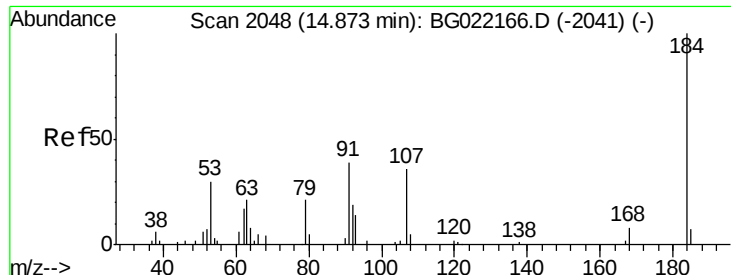


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

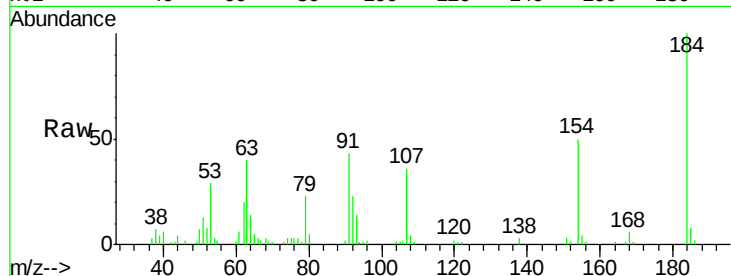




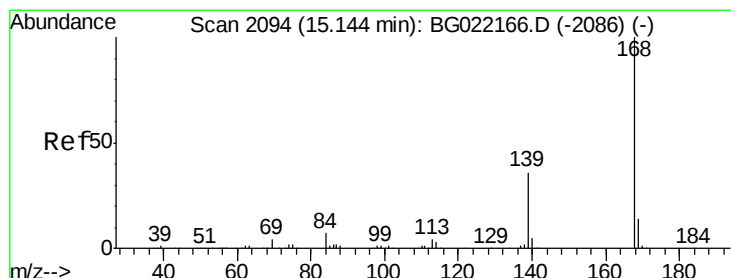
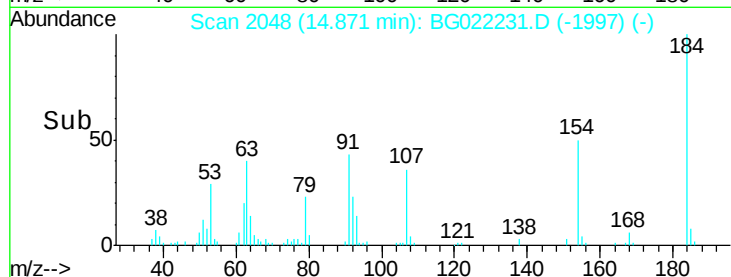
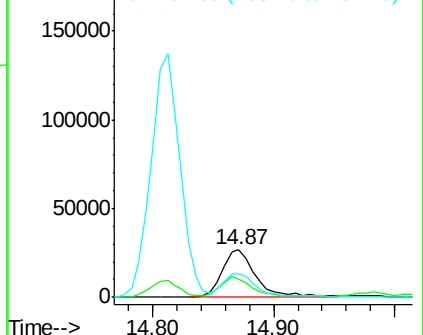
#53
 2,4-Dinitrophenol
 Concen: 86.75 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:184 Resp: 52306
 Ion Ratio Lower Upper
 184 100
 63 40.2 57.3 85.9#
 154 49.8 55.2 82.8#

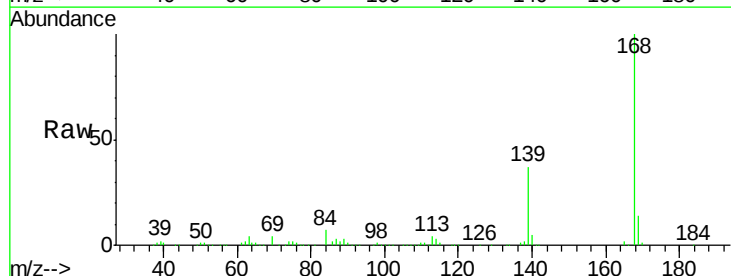


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGO
 Ion 154.00 (153.70 to 154.70): E

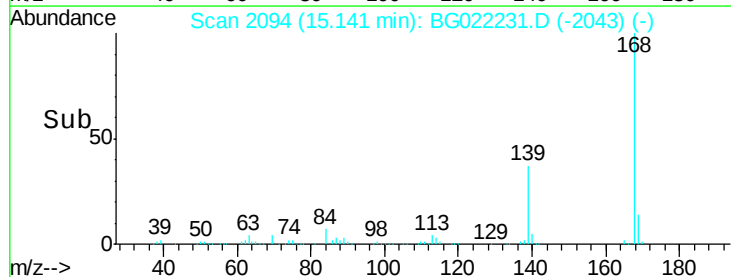
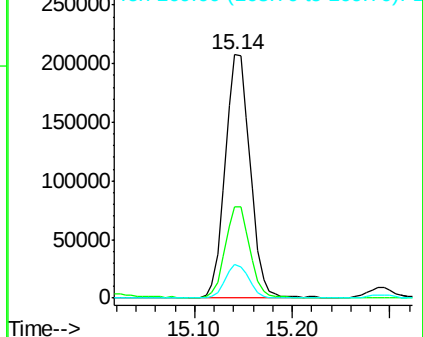


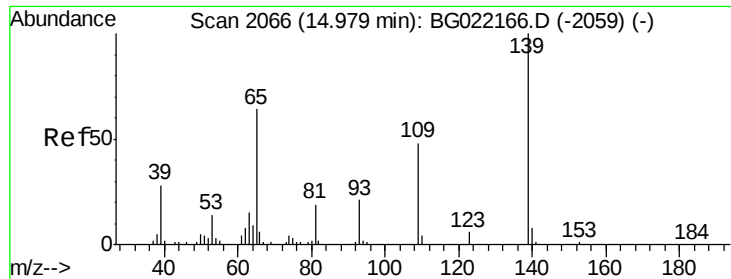
#54
 Dibenzofuran
 Concen: 48.23 ng
 RT: 15.14 min Scan# 2094
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:168 Resp: 369391
 Ion Ratio Lower Upper
 168 100
 139 37.3 31.1 46.7
 169 13.6 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

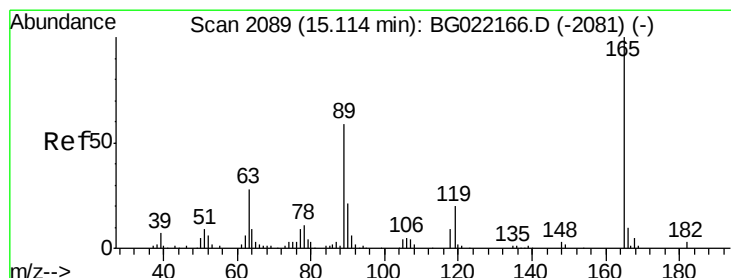
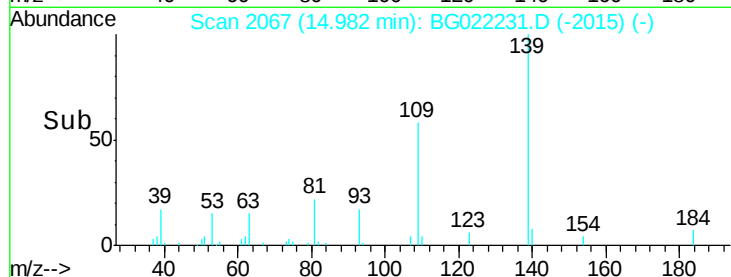
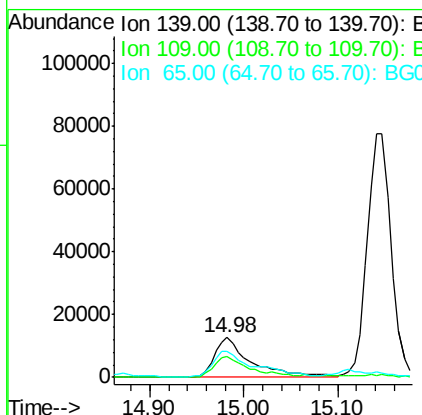
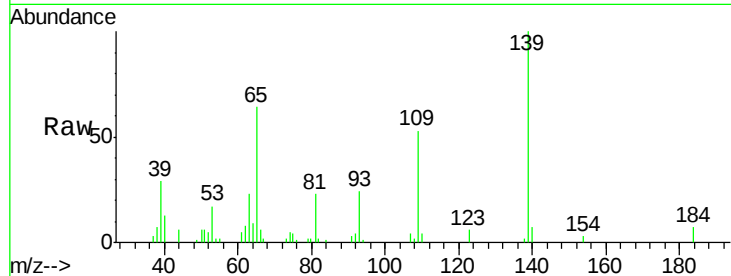




#55
4-Nitrophenol
Concen: 30.85 ng
RT: 14.98 min Scan# 2067
Delta R.T. 0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

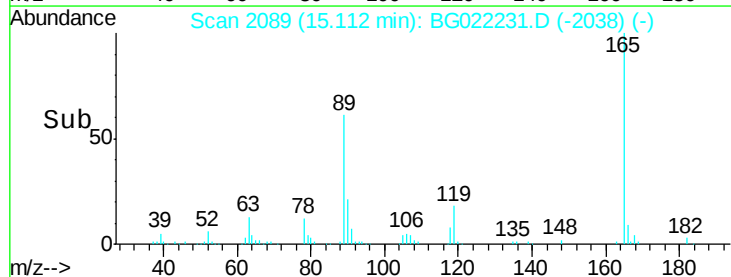
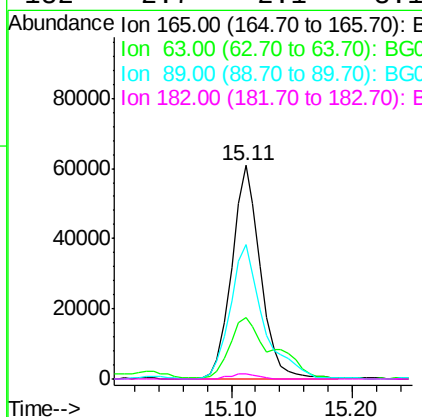
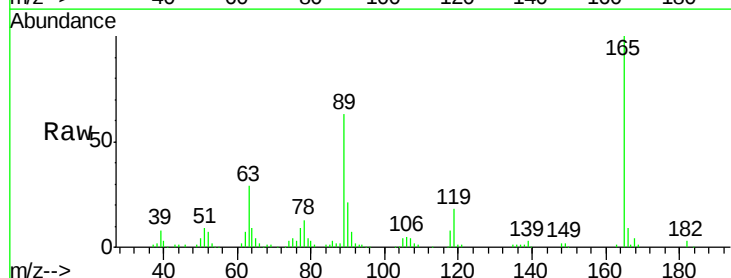
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

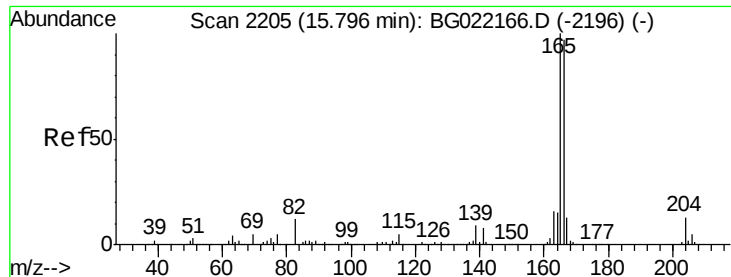
Tot Ion:139 Resp: 34441
Ion Ratio Lower Upper
139 100
109 53.5 49.2 89.2
65 64.0 83.2 123.2#



#56
2,4-Dinitrotoluene
Concen: 51.53 ng
RT: 15.11 min Scan# 2089
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:165 Resp: 100812
Ion Ratio Lower Upper
165 100
63 28.9 37.4 56.0#
89 62.9 59.4 89.0
182 2.7 2.1 3.1

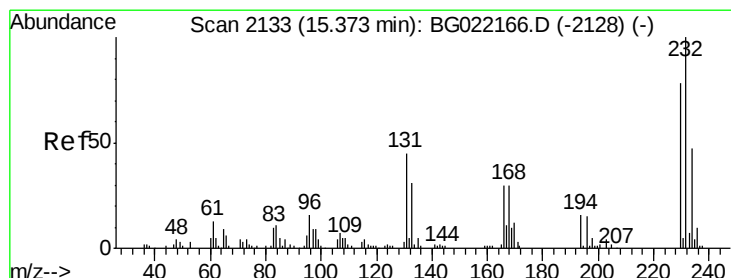
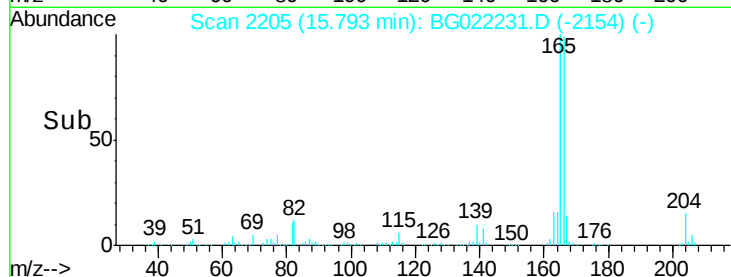
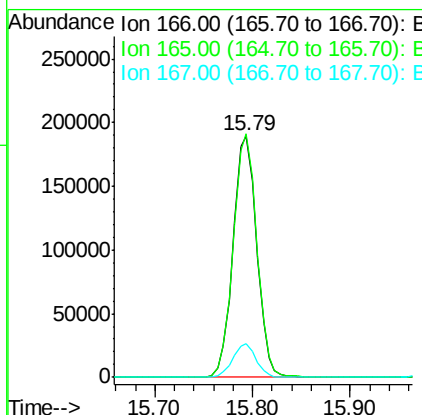
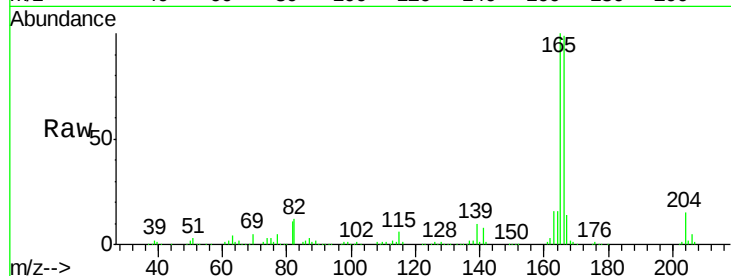




#57
 Fluorene
 Concen: 48.49 ng
 RT: 15.79 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

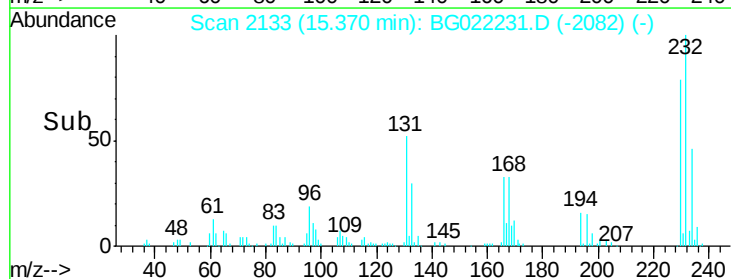
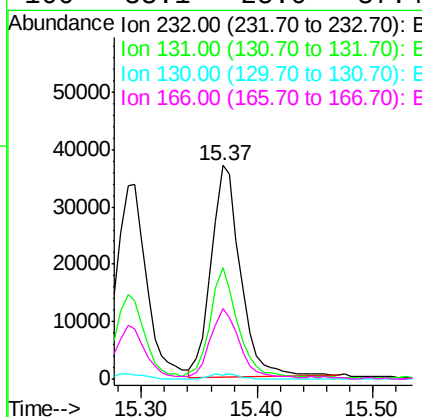
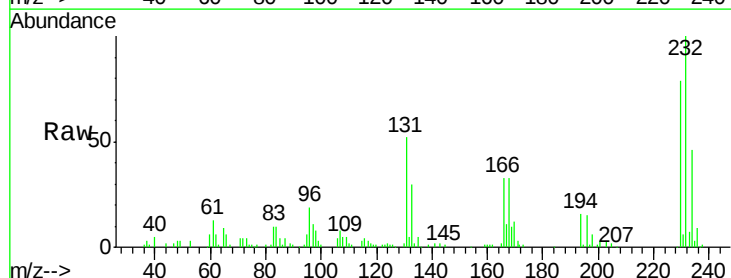
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

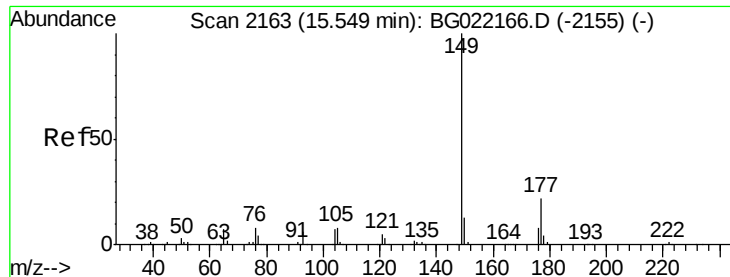
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.9	79.0	118.4
167	13.9	10.7	16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.85 ng
 RT: 15.37 min Scan# 2133
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.0	36.3	54.5
130	2.4	1.9	2.9
166	33.1	25.0	37.4

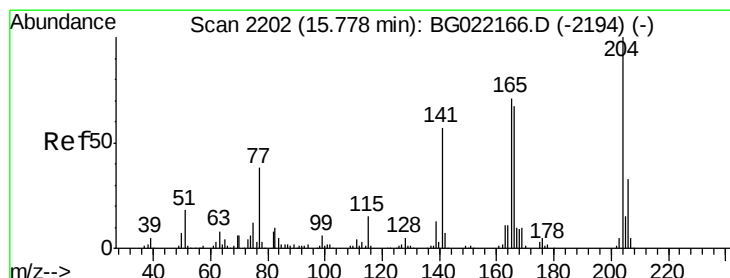
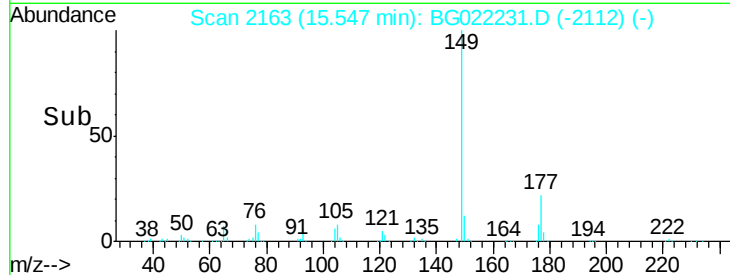
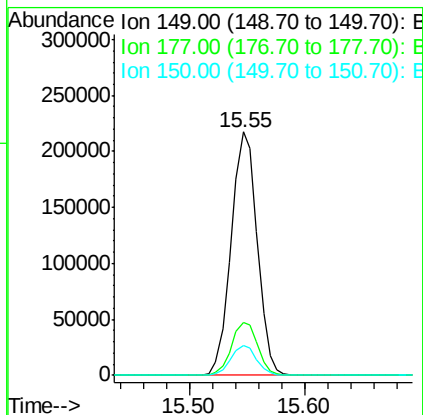
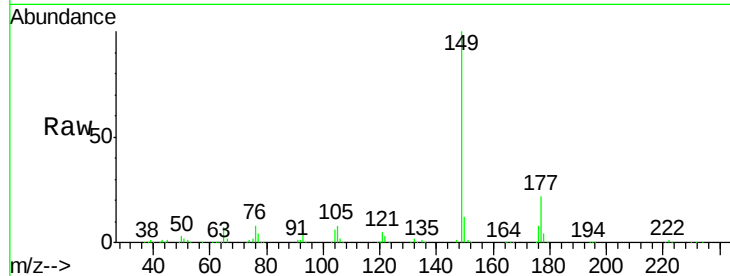




#59
Diethylphthalate
Concen: 47.37 ng
RT: 15.55 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

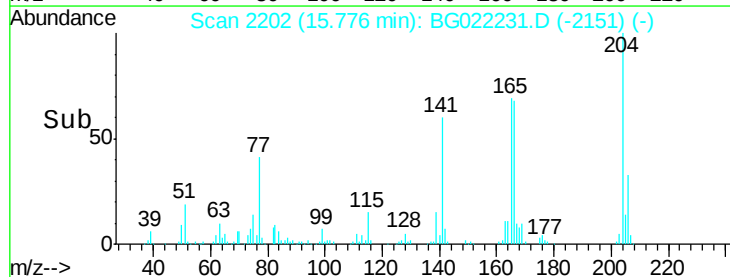
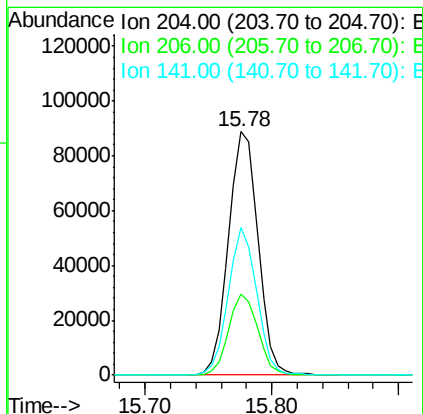
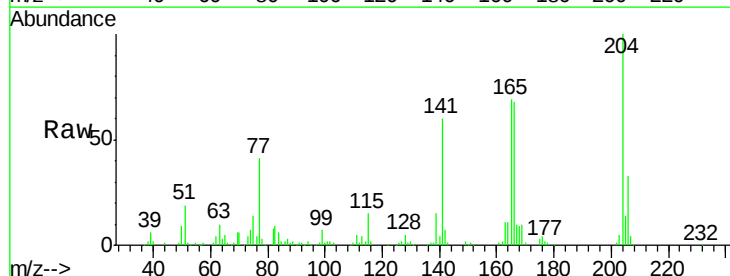
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

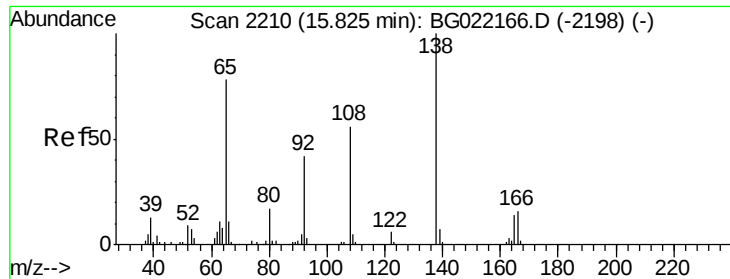
Tot Ion:149 Resp: 339525
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 12.3 9.7 14.5



#60
4-Chlorophenyl-phenylether
Concen: 48.03 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:204 Resp: 143484
Ion Ratio Lower Upper
204 100
206 33.2 27.8 41.8
141 60.5 51.0 76.4





#61

4-Nitroaniline

Concen: 42.59 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

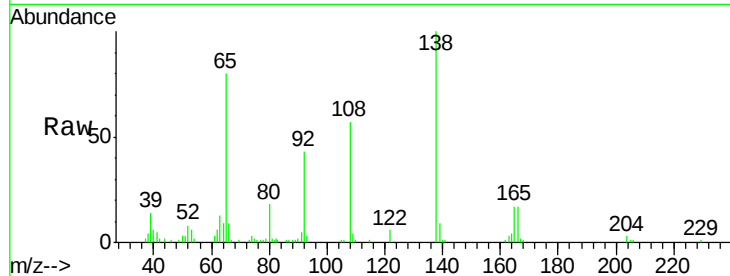
Tot Ion:138 Resp: 73075

Ion Ratio Lower Upper

138 100

92 43.1 37.7 77.7

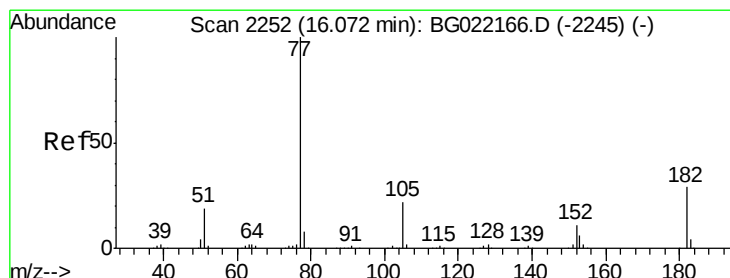
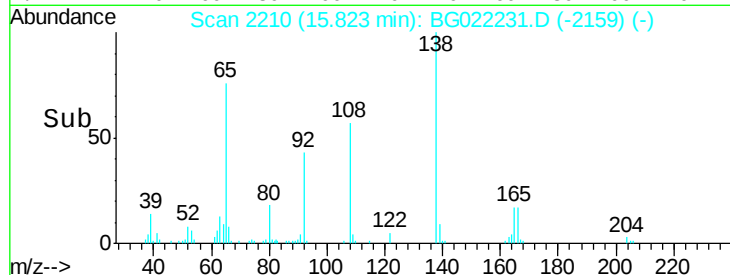
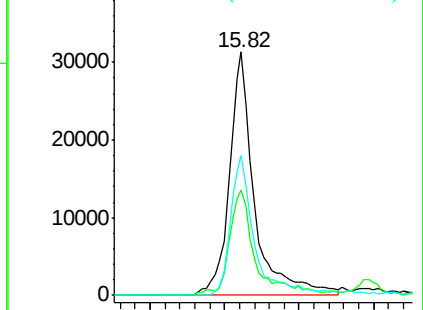
108 57.4 59.4 99.4#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.07 ng

RT: 16.07 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Tgt Ion: 77 Resp: 271751

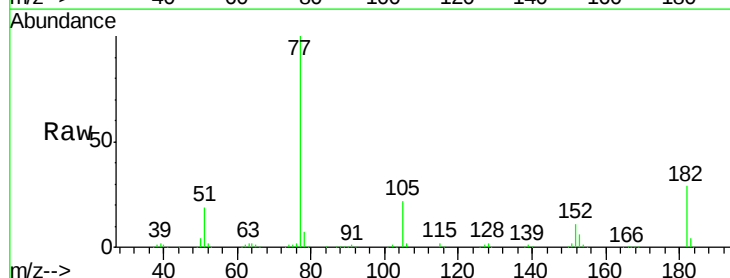
Ion Ratio Lower Upper

77 100

182 28.8 4.1 44.1

105 22.1 0.0 39.8

51 19.2 11.1 51.1

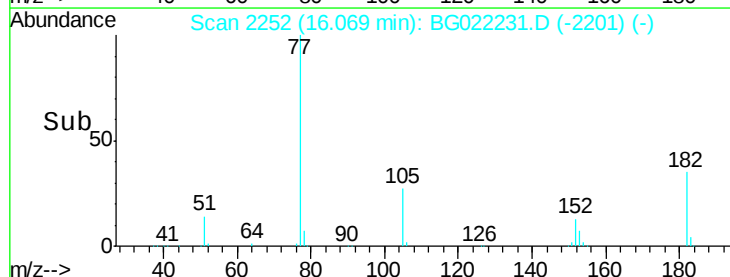
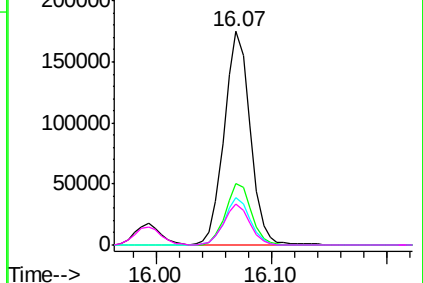


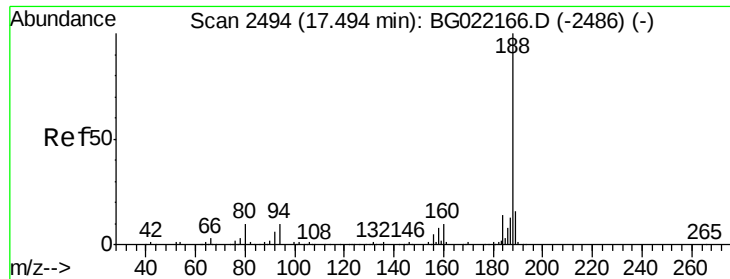
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

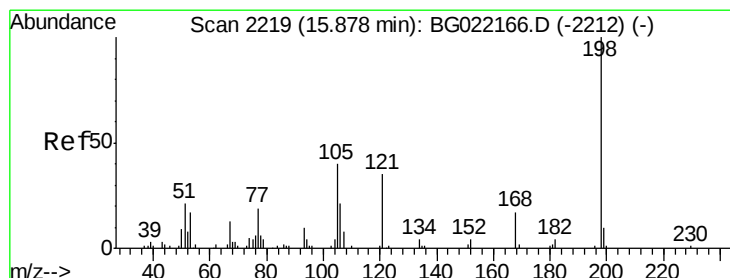
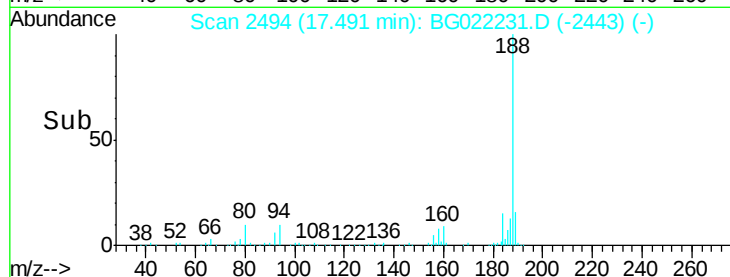
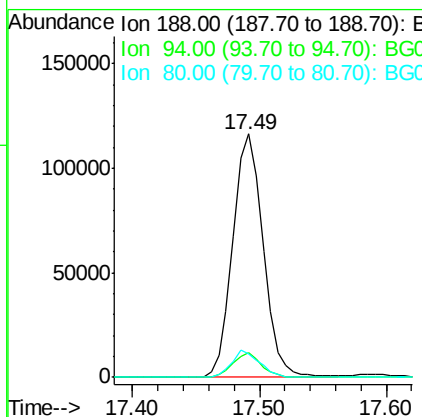
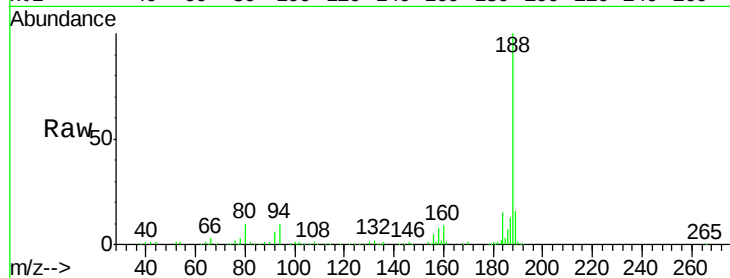




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

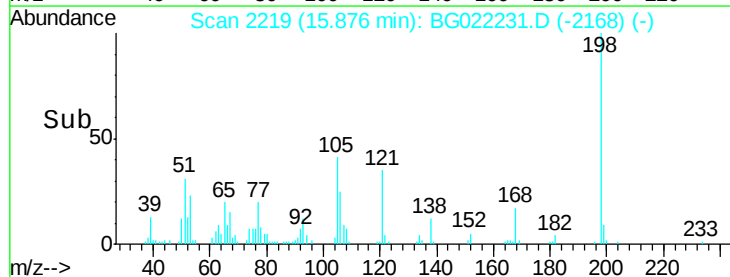
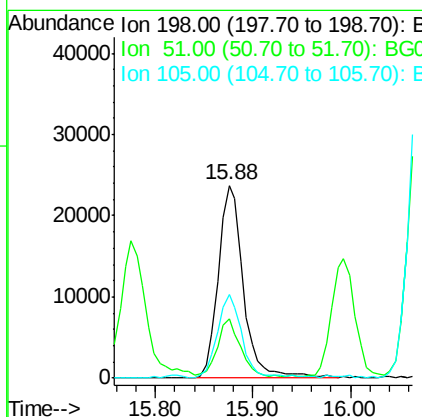
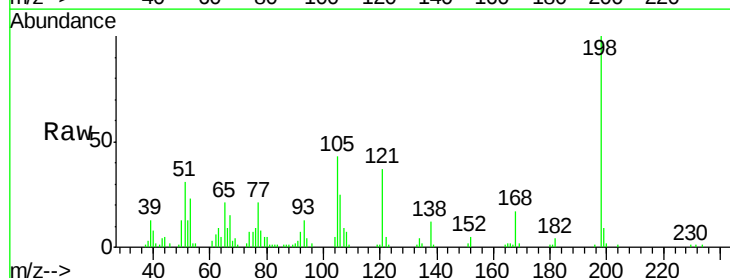
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

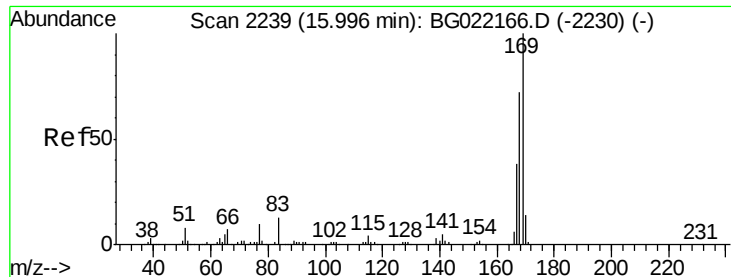
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	7.5	11.3
80	9.5	8.6	13.0



#64
4,6-Dinitro-2-methylphenol
Concen: 43.80 ng
RT: 15.88 min Scan# 2219
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion	Ratio	Lower	Upper
198	100		
51	30.6	29.2	69.2
105	43.1	24.0	64.0





#65

n-Nitrosodiphenylamine

Concen: 49.48 ng

RT: 15.99 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

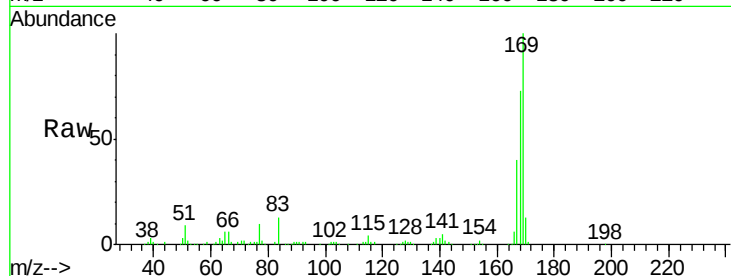
Tot Ion:169 Resp: 275319

Ion	Ratio	Lower	Upper
169	100		
168	73.0	59.6	89.4
167	39.8	31.2	46.8

169 100

168 73.0 59.6 89.4

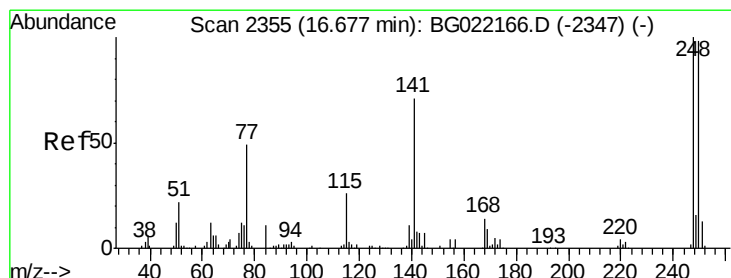
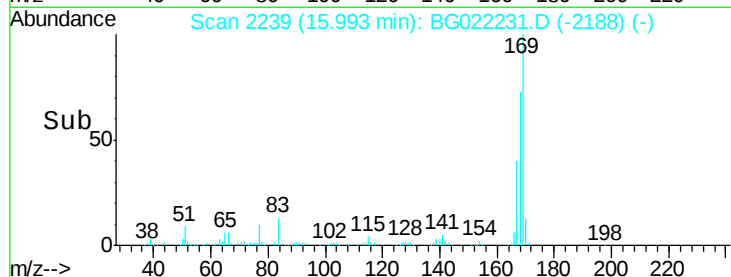
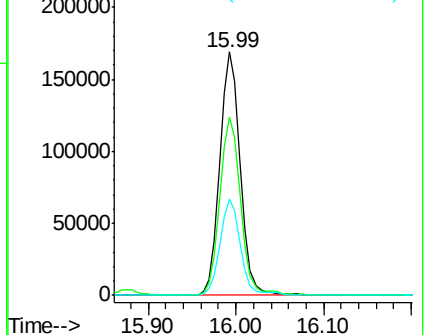
167 39.8 31.2 46.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 50.00 ng

RT: 16.67 min Scan# 2354

Delta R.T. -0.01 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

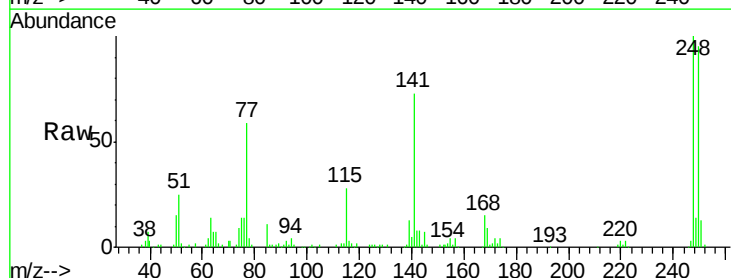
Tgt Ion:248 Resp: 90494

Ion	Ratio	Lower	Upper
248	100		
250	95.4	76.6	114.8
141	73.3	63.8	95.6

248 100

250 95.4 76.6 114.8

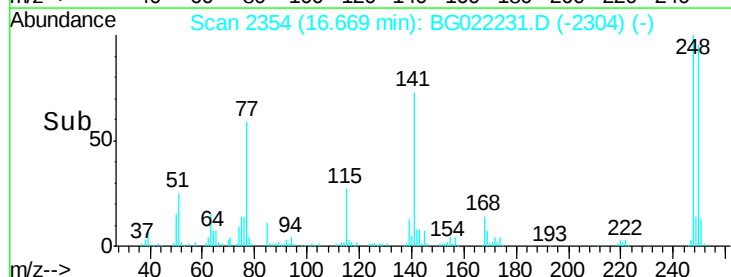
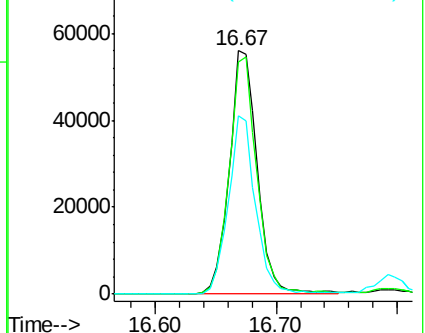
141 73.3 63.8 95.6

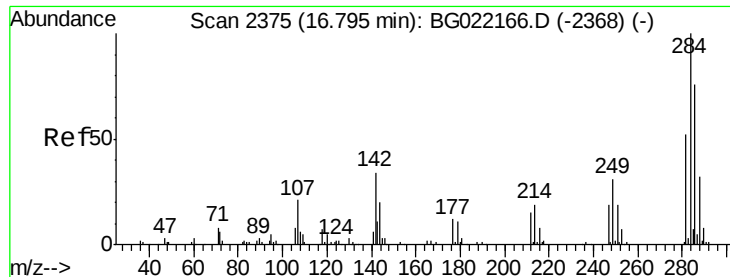


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.62 ng

RT: 16.79 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

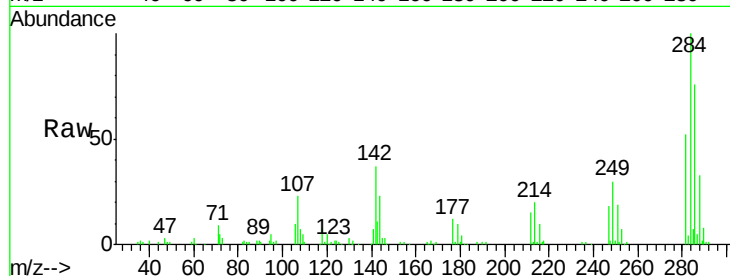
Tot Ion:284 Resp: 100455

Ion Ratio Lower Upper

284 100

142 37.2 31.8 47.6

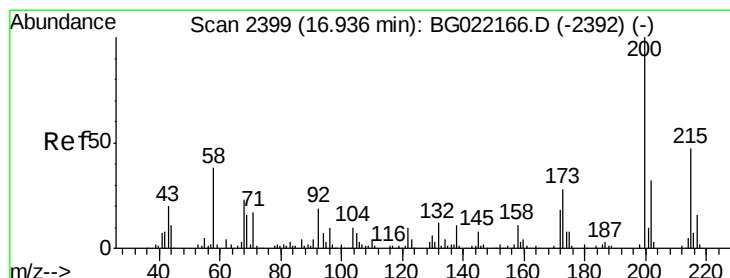
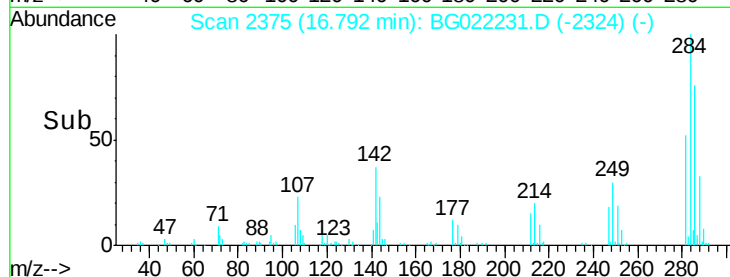
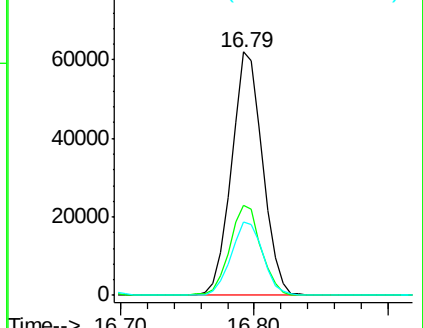
249 32.3 27.3 40.9



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: 45.64 ng

RT: 16.93 min Scan# 2399

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

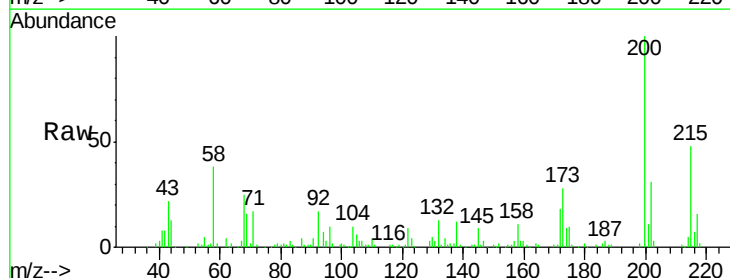
Tgt Ion:200 Resp: 94020

Ion Ratio Lower Upper

200 100

173 28.4 5.1 45.1

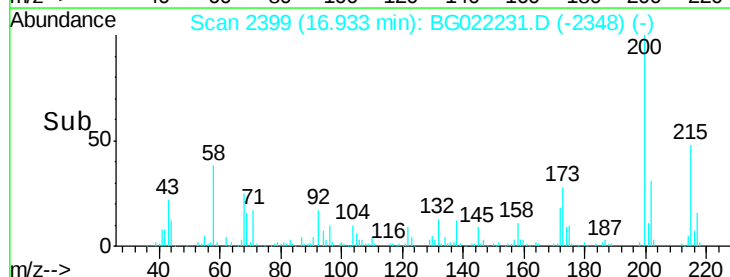
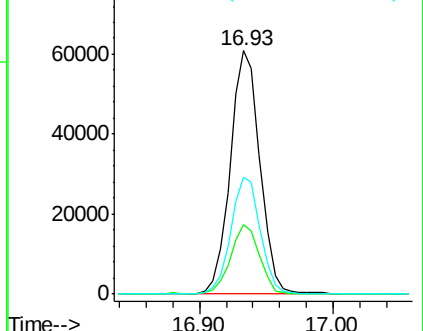
215 48.2 28.0 68.0

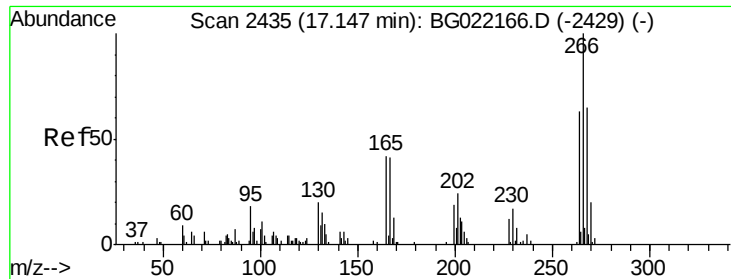


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

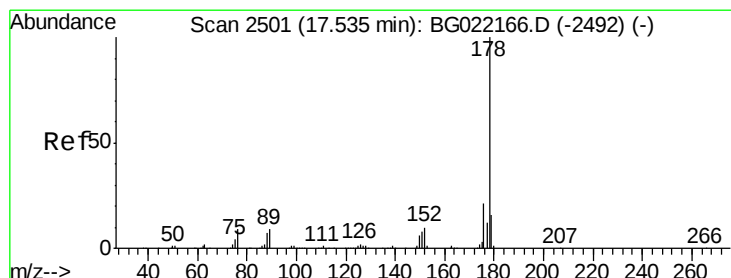
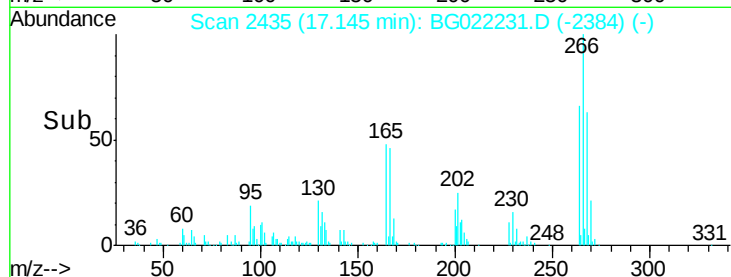
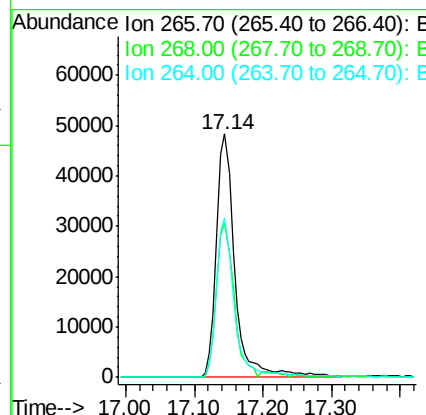
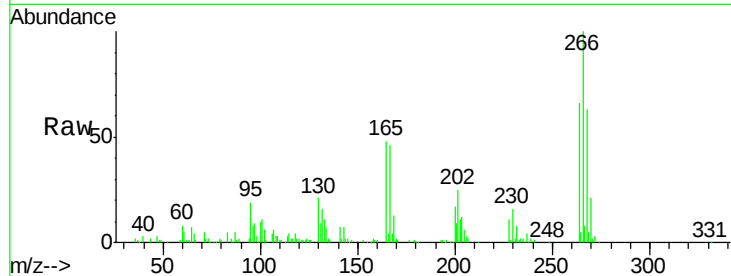




#69
 Pentachlorophenol
 Concen: 93.77 ng
 RT: 17.14 min Scan# 2435
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

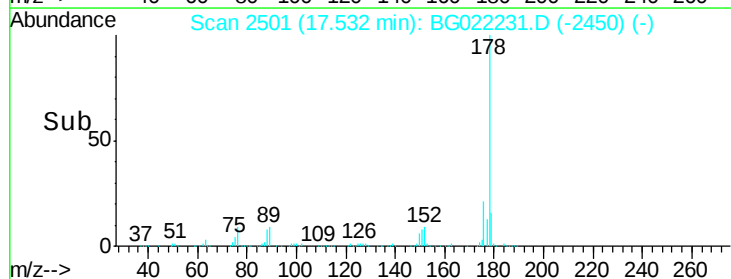
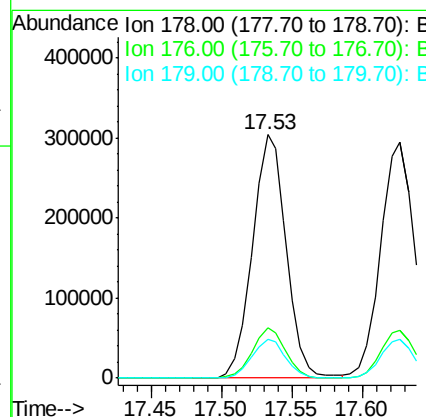
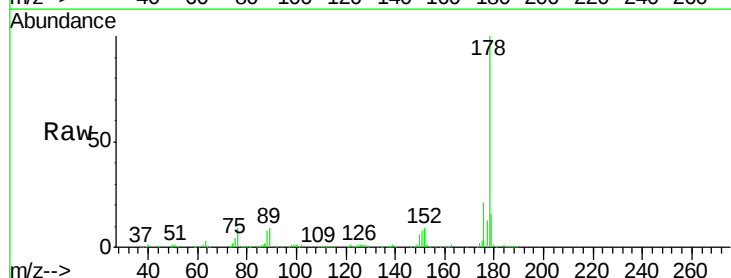
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

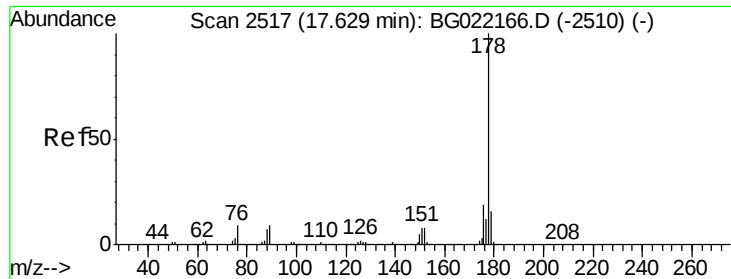
Tot Ion:266 Resp: 90898
 Ion Ratio Lower Upper
 266 100
 268 68.1 54.5 81.7
 264 70.9 53.8 80.6



#70
 Phenanthrene
 Concen: 48.53 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:178 Resp: 509208
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.4
 179 16.1 12.0 18.0

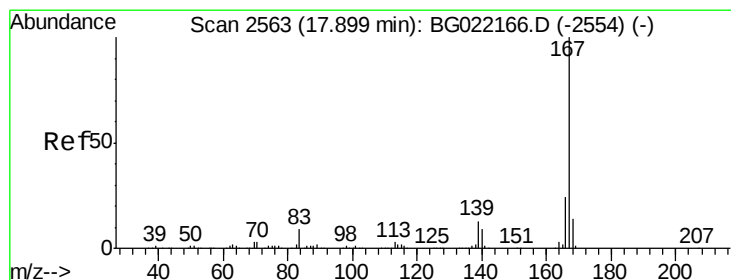
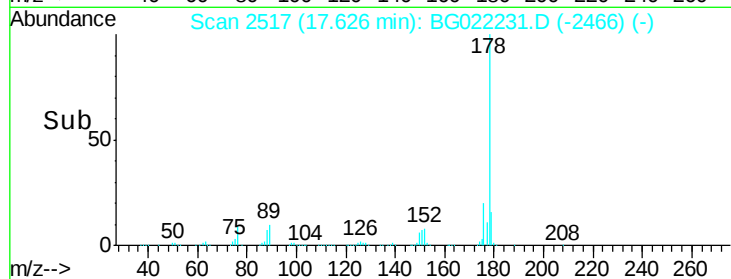
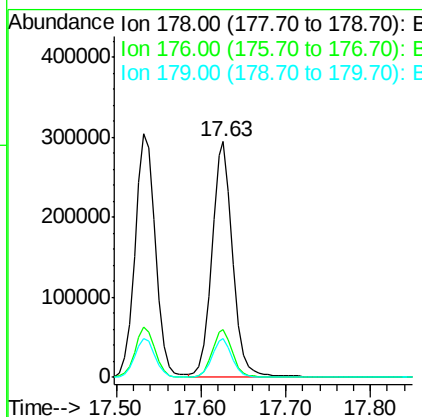
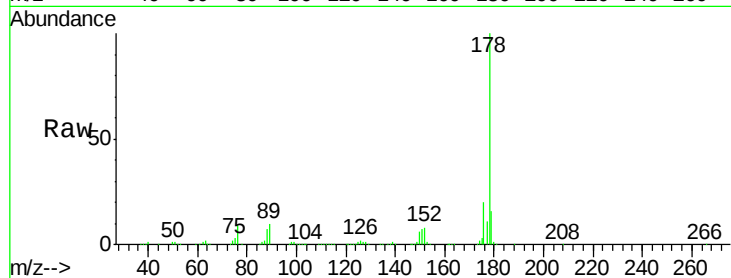




#71
 Anthracene
 Concen: 48.59 ng
 RT: 17.63 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

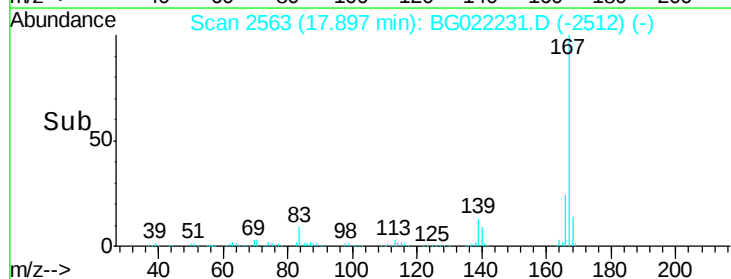
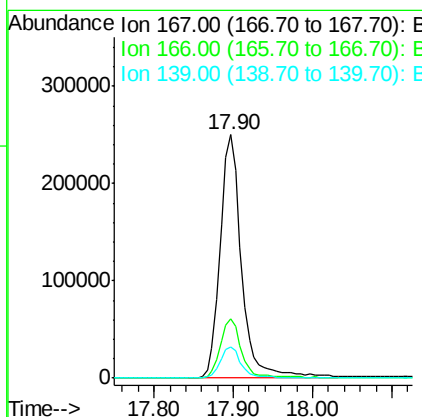
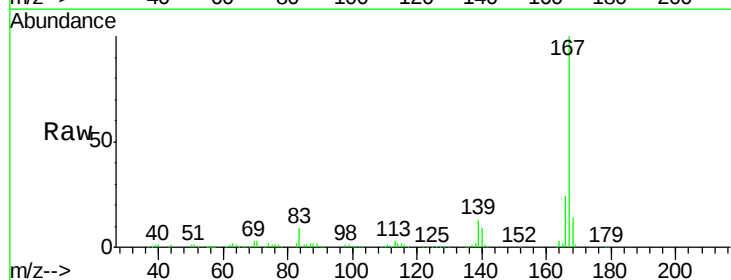
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

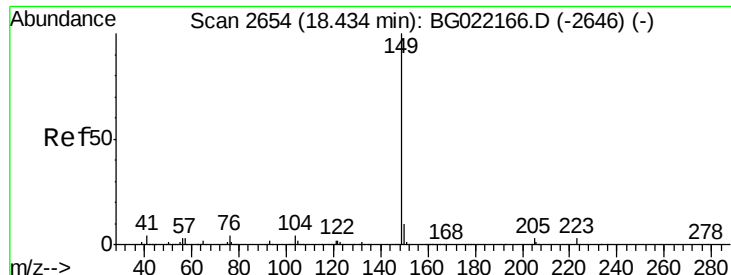
Tot Ion:178 Resp: 505585
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.0 22.4
 179 16.2 12.2 18.4



#72
 Carbazole
 Concen: 47.90 ng
 RT: 17.90 min Scan# 2563
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:167 Resp: 472003
 Ion Ratio Lower Upper
 167 100
 166 24.1 18.6 27.8
 139 12.8 10.6 15.8

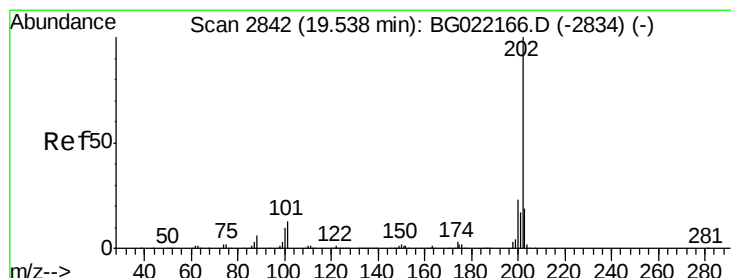
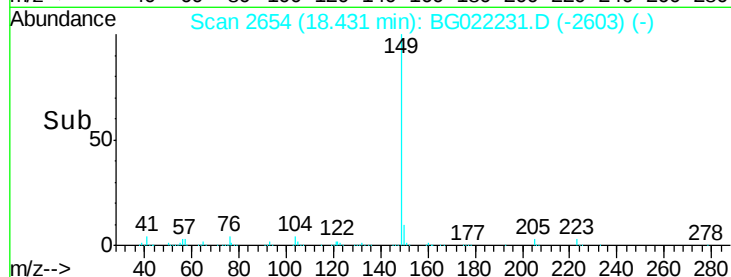
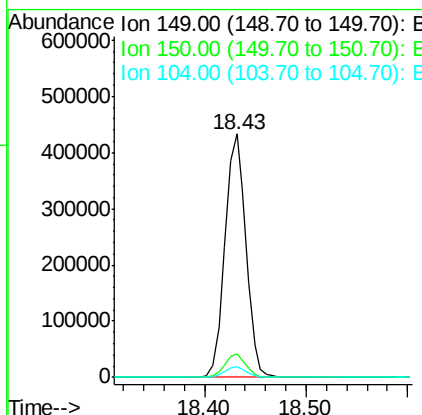
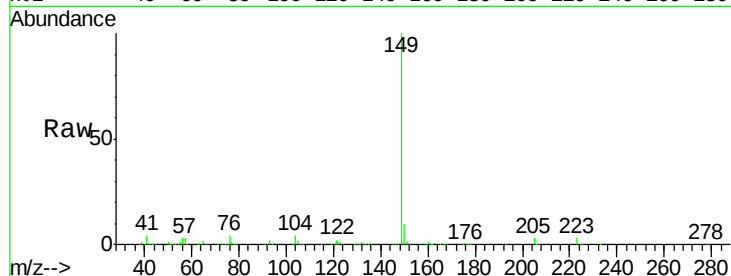




#73
Di-n-butylphthalate
Concen: 48.26 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

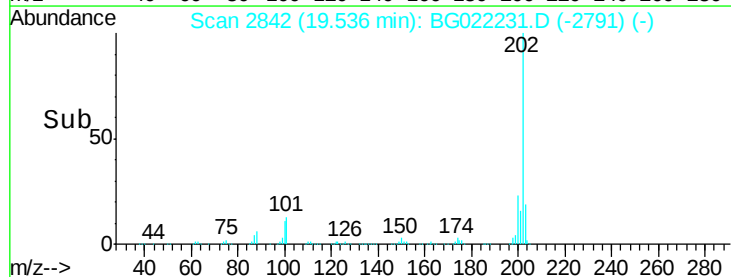
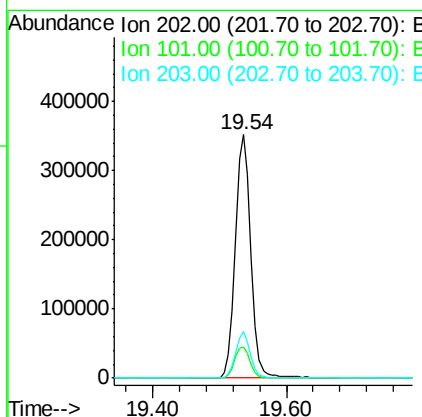
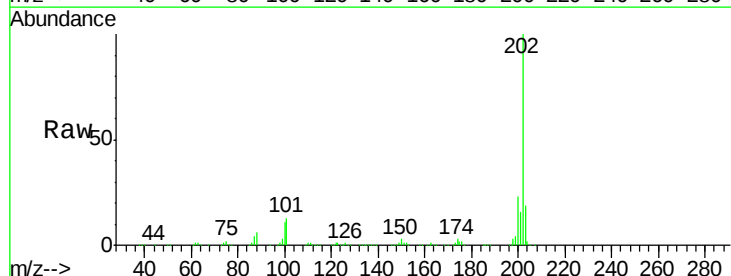
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

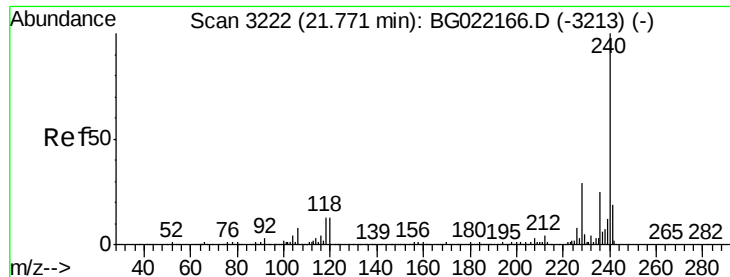
Tot Ion:149 Resp: 621817
Ion Ratio Lower Upper
149 100
150 9.7 7.4 11.0
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 47.85 ng
RT: 19.54 min Scan# 2842
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:202 Resp: 577139
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.0
203 18.9 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

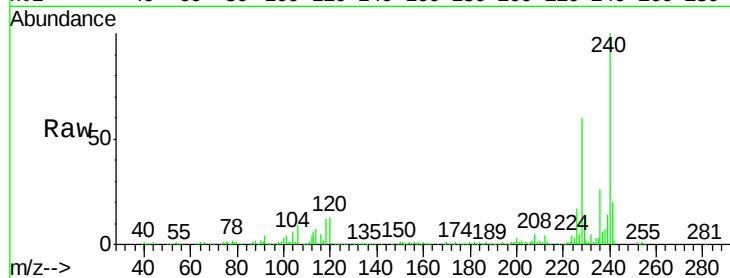
Tot Ion:240 Resp: 185879

Ion Ratio Lower Upper

240 100

120 13.3 8.4 12.6#

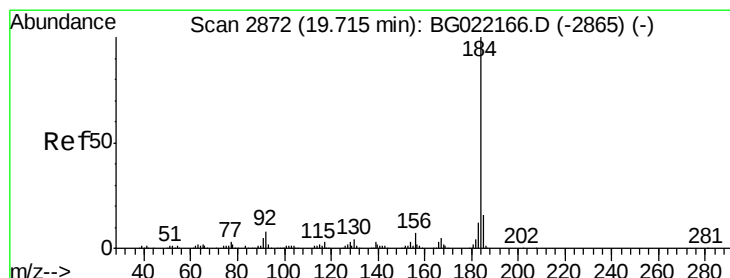
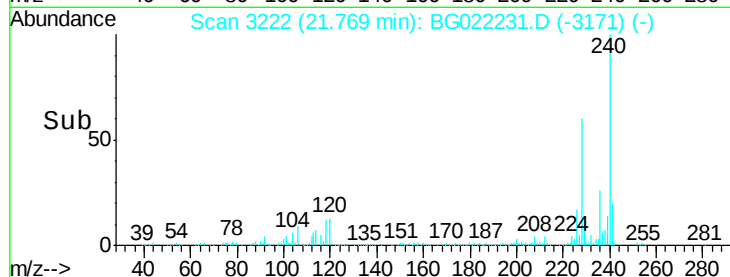
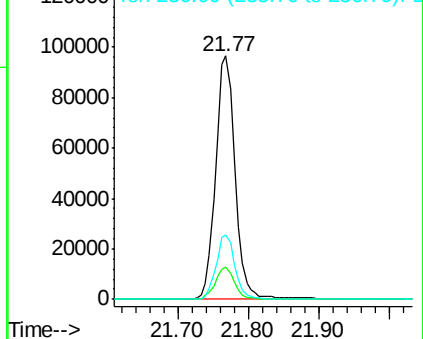
236 26.4 19.6 29.4



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: 17.81 ng

RT: 19.72 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

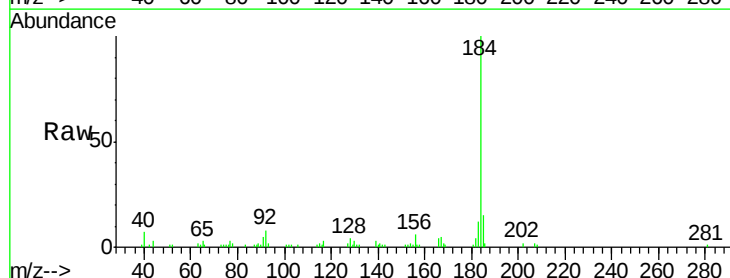
Tgt Ion:184 Resp: 86588

Ion Ratio Lower Upper

184 100

185 15.5 11.5 17.3

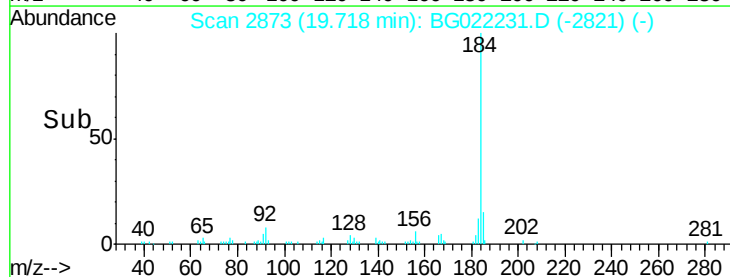
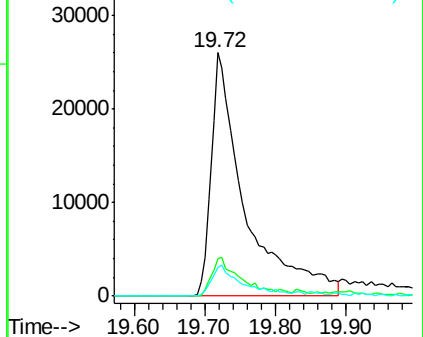
183 11.8 10.2 15.4

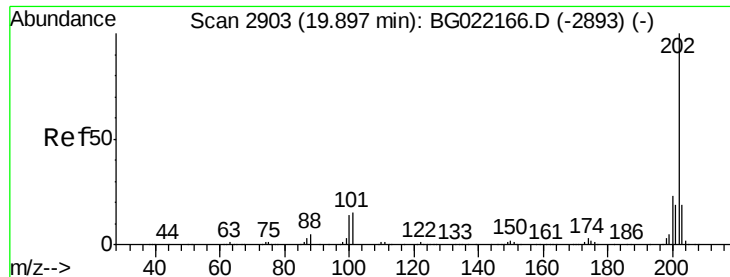


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

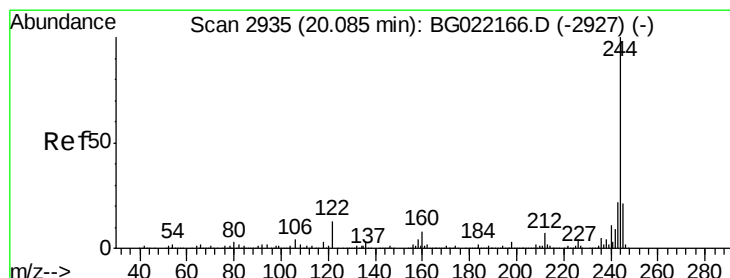
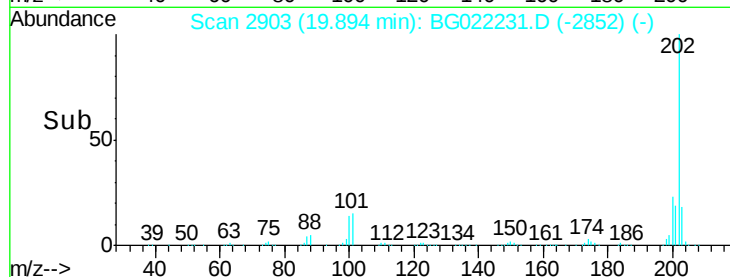
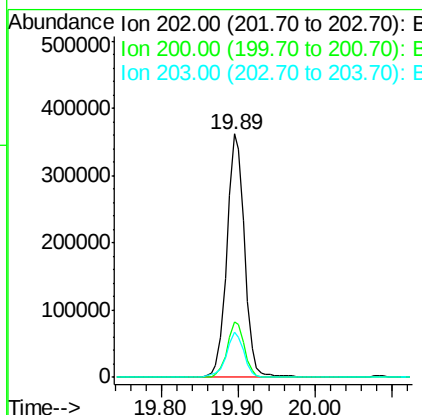
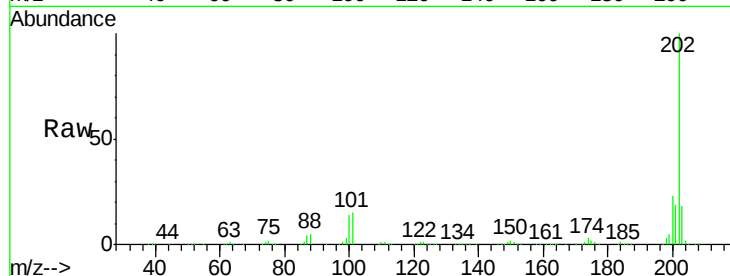




#77
Pvrene
Concen: 49.80 ng
RT: 19.89 min Scan# 2903
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

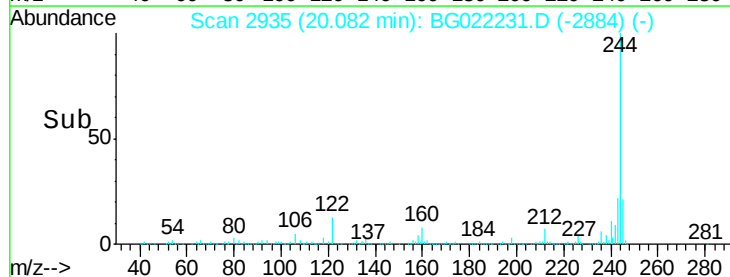
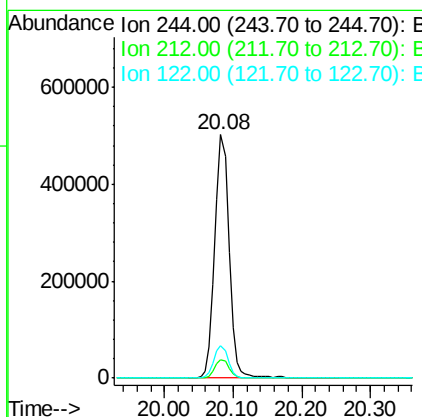
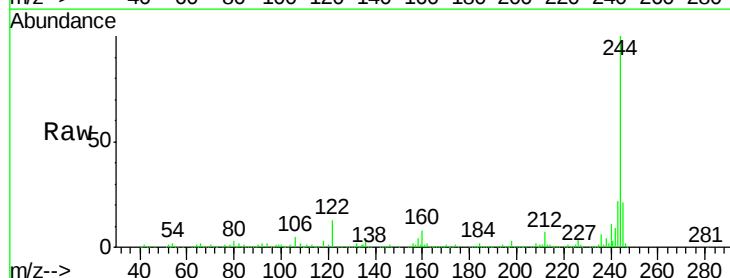
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

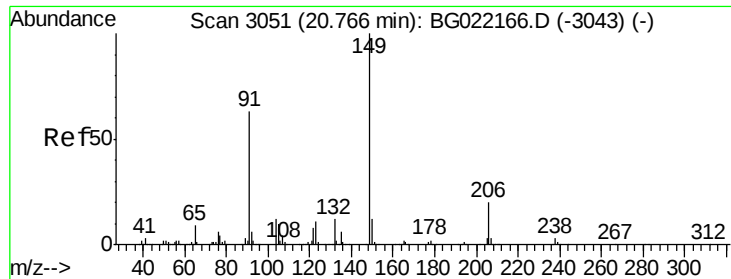
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	18.2	27.2
203	18.4	15.0	22.4



#78
Terphenyl-d14
Concen: 93.18 ng
RT: 20.08 min Scan# 2935
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.5	9.7
122	13.5	8.6	12.8

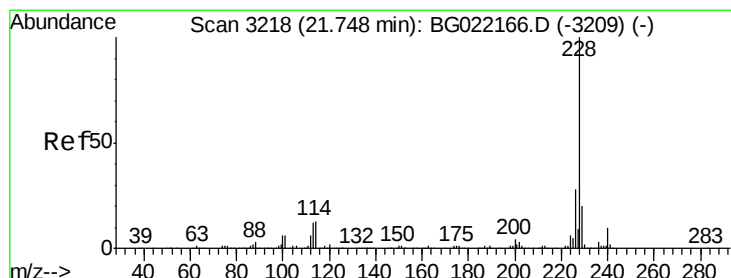
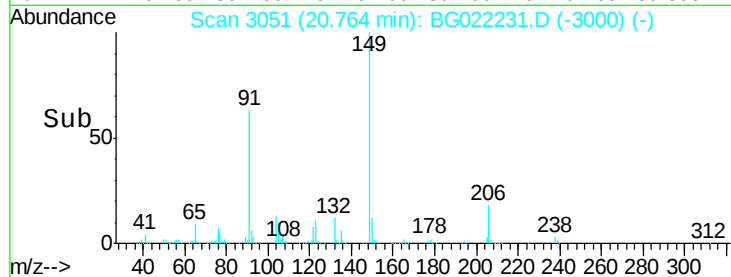
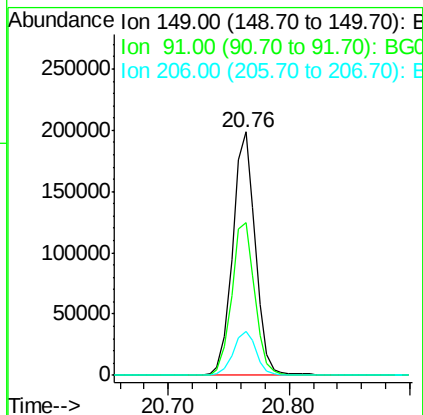
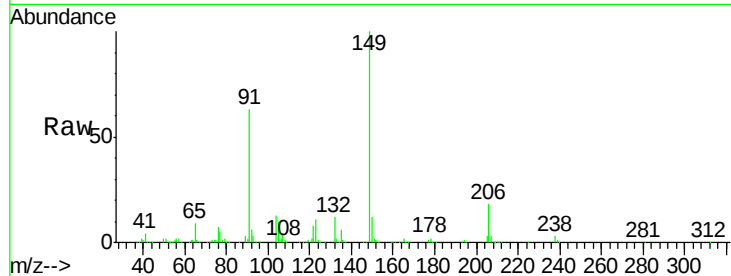




#79
Butylbenzylphthalate
Concen: 48.27 ng
RT: 20.76 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

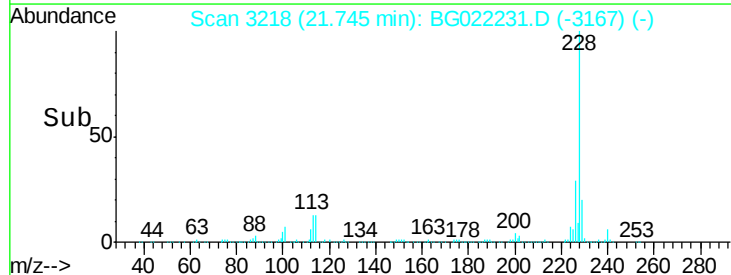
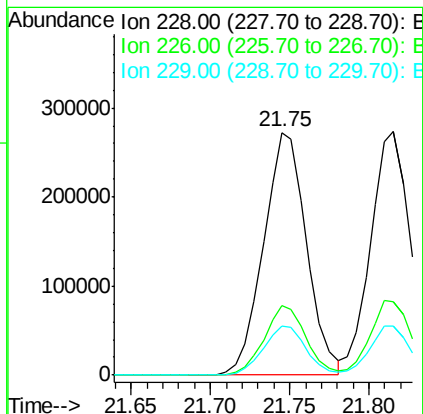
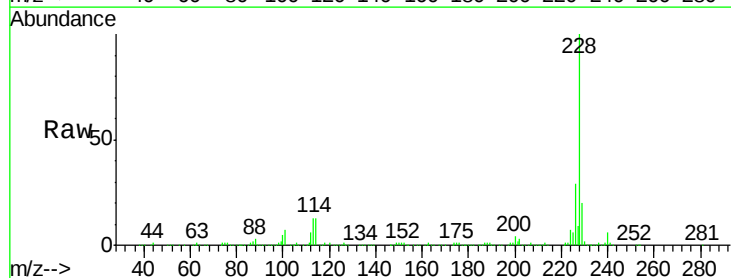
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

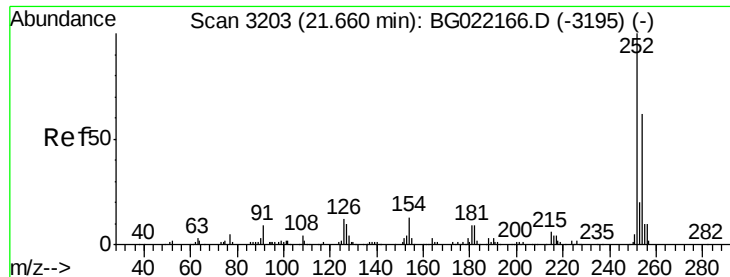
Tot Ion:149 Resp: 258694
Ion Ratio Lower Upper
149 100
91 62.6 57.8 86.8
206 17.9 17.0 25.4



#80
Benzo(a)anthracene
Concen: 49.05 ng
RT: 21.75 min Scan# 3218
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:228 Resp: 511277
Ion Ratio Lower Upper
228 100
226 28.8 22.6 34.0
229 20.1 16.1 24.1

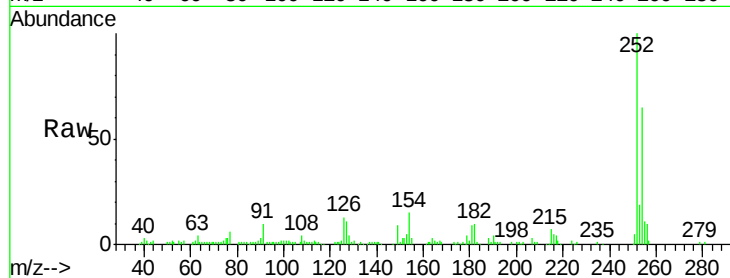




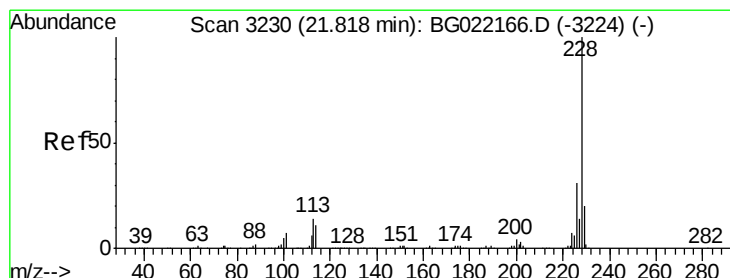
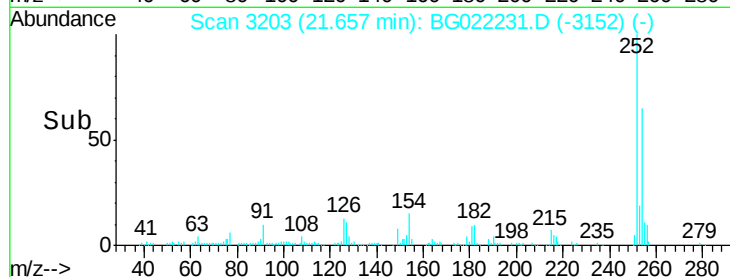
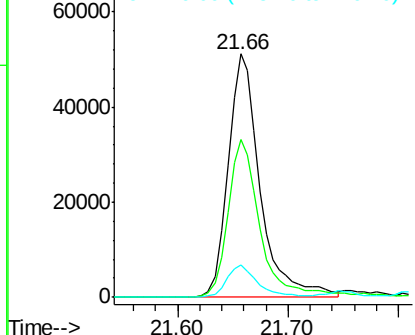
#81
 3,3'-Dichlorobenzidine
 Concen: 35.38 ng
 RT: 21.66 min Scan# 3203
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

Tot Ion:252 Resp: 103542
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.8 77.6
 126 13.4 8.8 13.2#

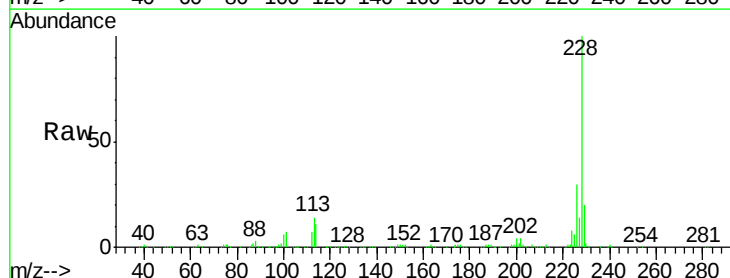


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

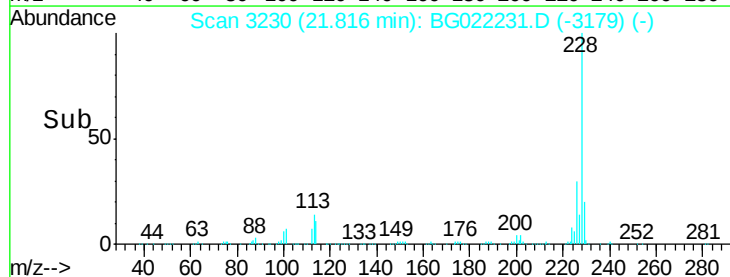
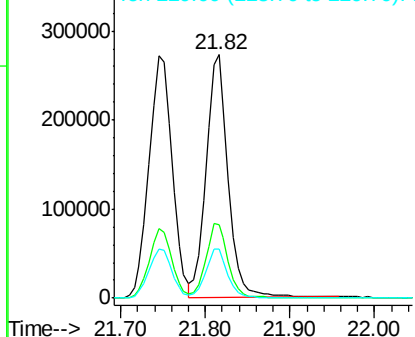


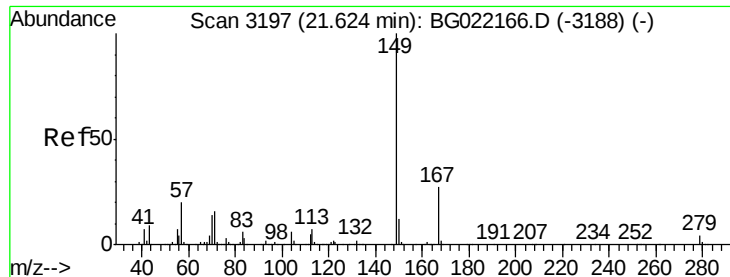
#82
 Chrysene
 Concen: 48.93 ng
 RT: 21.82 min Scan# 3230
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion:228 Resp: 496313
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.4 38.0
 229 19.9 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

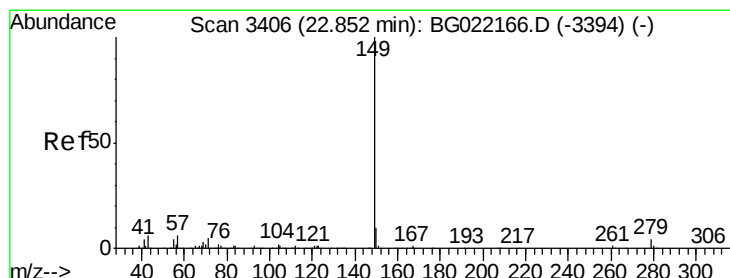
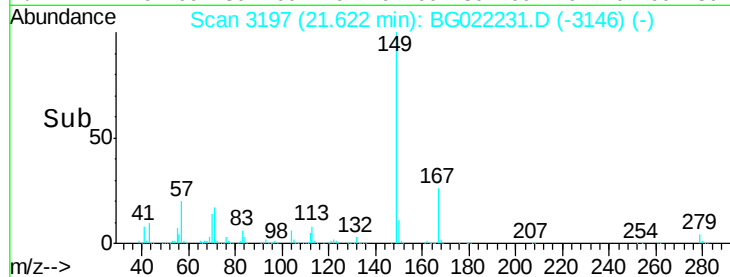
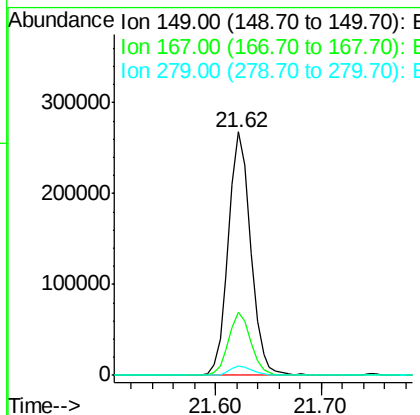
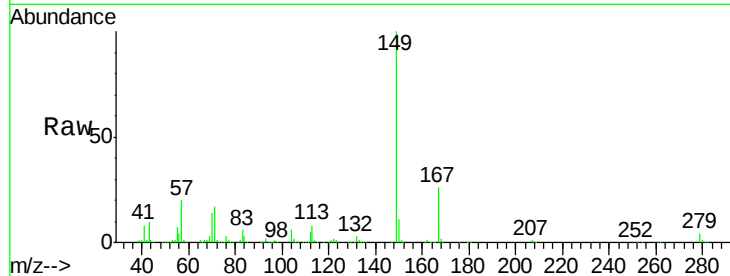




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.66 ng
 RT: 21.62 min Scan# 3197
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

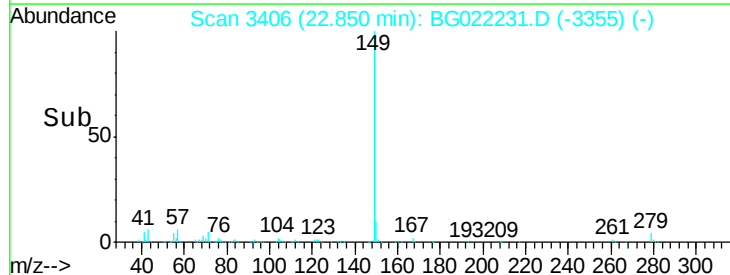
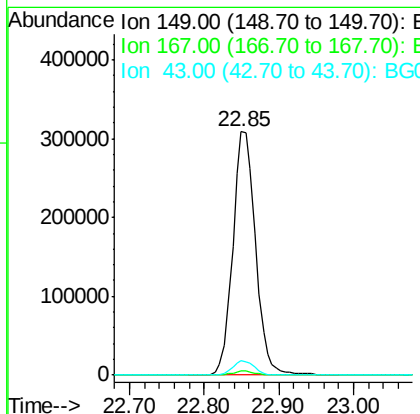
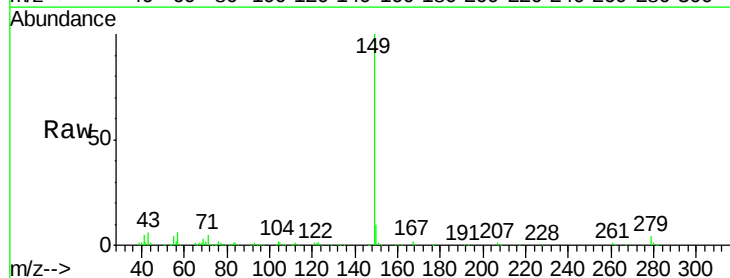
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2MW2MS

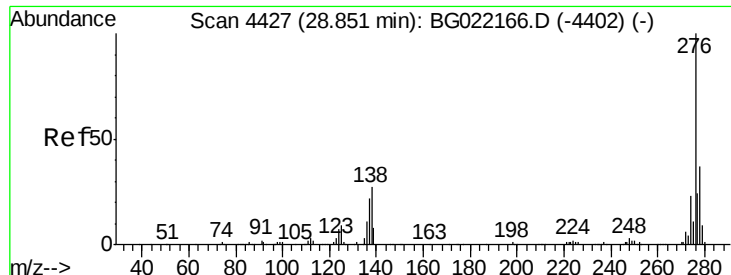
Tot Ion	149	Resp	391380
Ion Ratio	Lower	Upper	
149	100		
167	25.7	22.4	33.6
279	3.8	3.2	4.8



#84
 Di-n-octyl phthalate
 Concen: 50.00 ng
 RT: 22.85 min Scan# 3406
 Delta R.T. -0.00 min
 Lab File: BG022231.D
 Acq: 8 Jun 2016 10:43

Tgt Ion	149	Resp	654236
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	5.8	9.8	14.6#

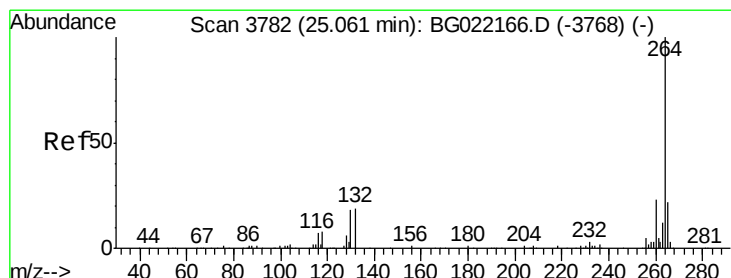
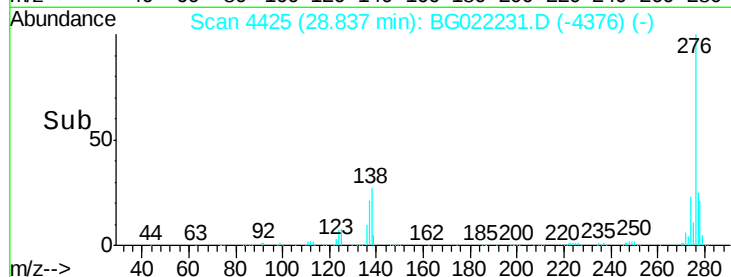
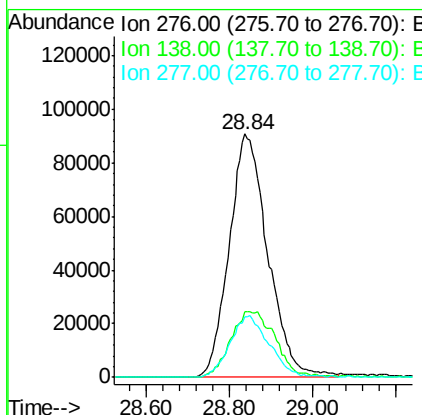
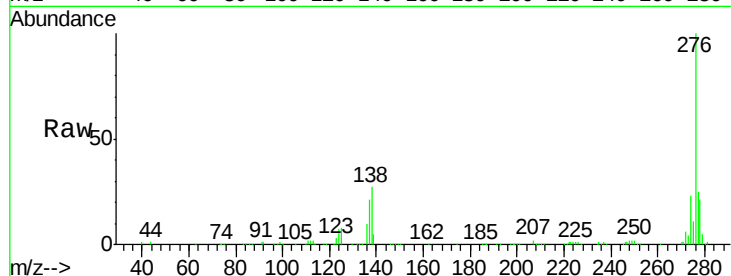




#85
Indeno(1,2,3-cd)pyrene
Concen: 51.38 ng
RT: 28.84 min Scan# 4425
Delta R.T. -0.01 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

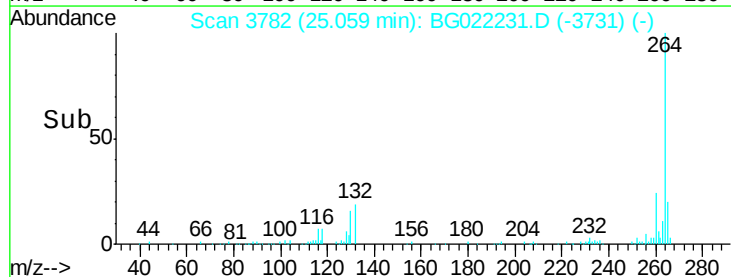
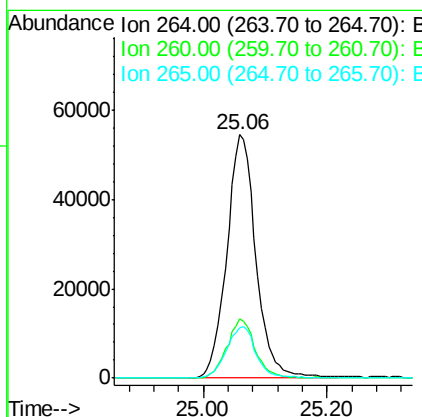
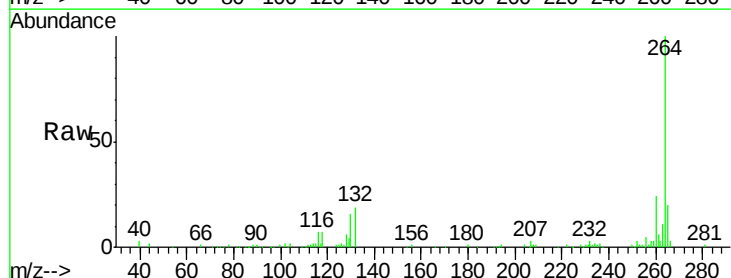
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

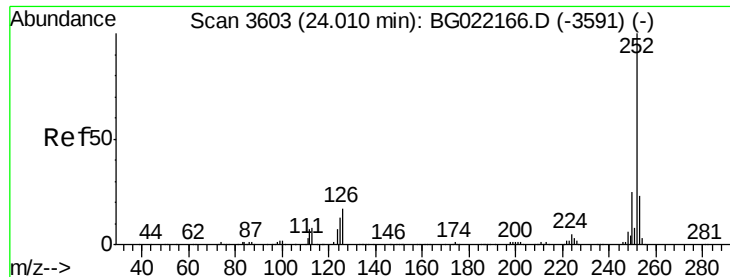
Tot Ion:276 Resp: 584690
Ion Ratio Lower Upper
276 100
138 31.0 14.0 21.0#
277 25.8 20.6 30.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3782
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:264 Resp: 178539
Ion Ratio Lower Upper
264 100
260 24.1 20.2 30.4
265 20.5 17.8 26.8

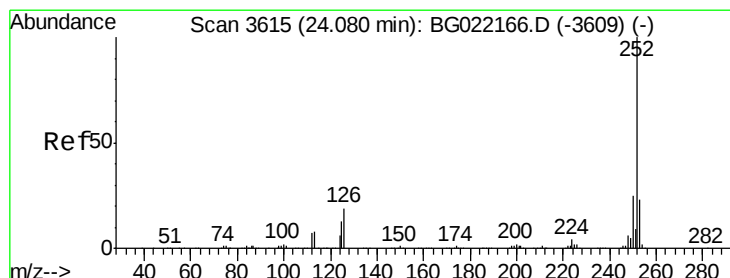
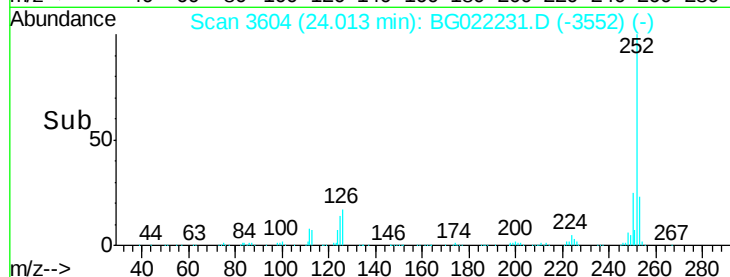
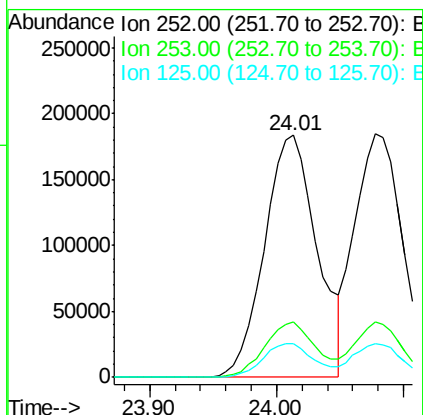
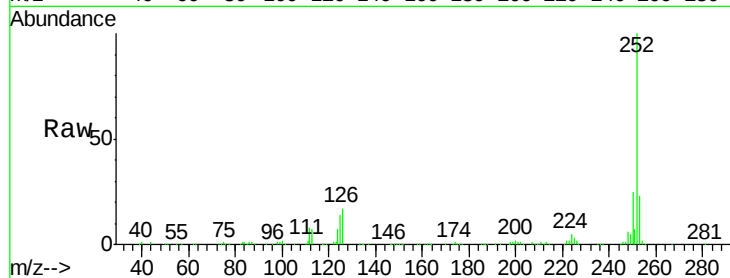




#87
Benzo(b)fluoranthene
Concen: 50.96 ng
RT: 24.01 min Scan# 3604
Delta R.T. 0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

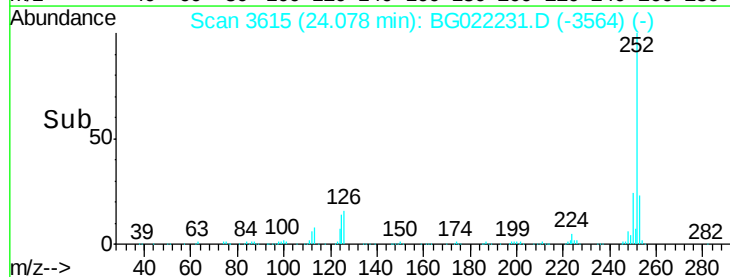
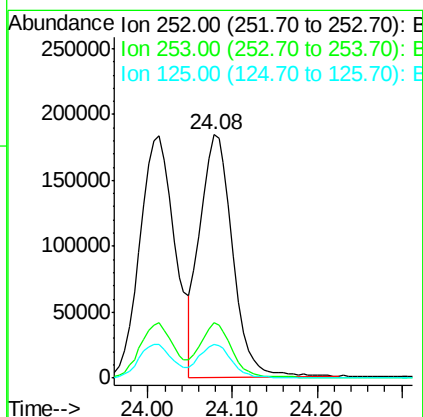
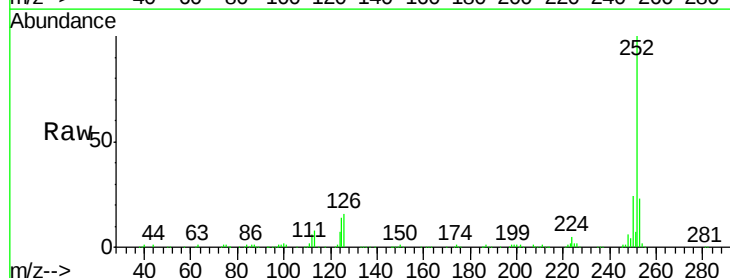
Instrument :
BNA_G
ClientSampleId :
SP16-LF2MW2MS

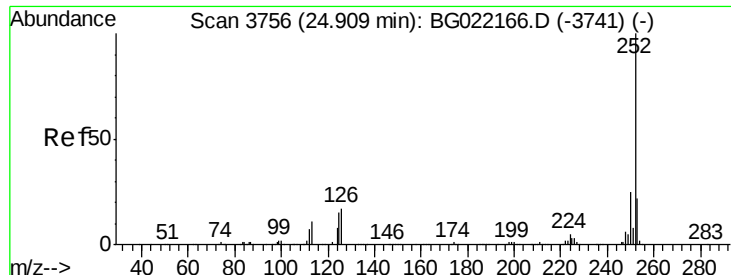
Tot Ion:252 Resp: 530625
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 14.0 8.6 13.0#



#88
Benzo(k)fluoranthene
Concen: 48.20 ng
RT: 24.08 min Scan# 3615
Delta R.T. -0.00 min
Lab File: BG022231.D
Acq: 8 Jun 2016 10:43

Tgt Ion:252 Resp: 494122
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 13.8 8.3 12.5#





#89

Benzo(a)pyrene

Concen: 48.91 ng

RT: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

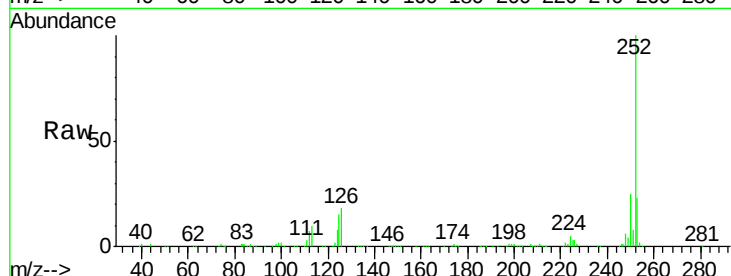
Tot Ion:252 Resp: 486978

Ion Ratio Lower Upper

252 100

253 22.8 17.1 25.7

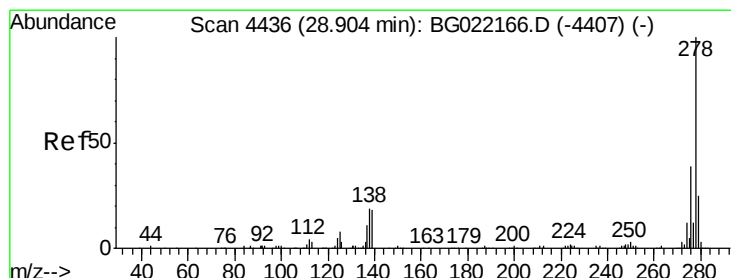
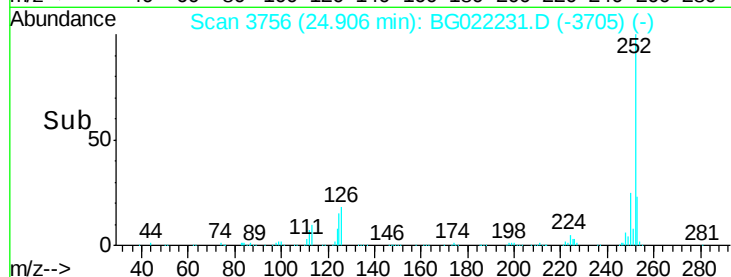
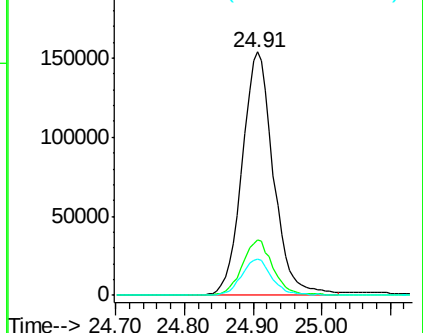
125 14.9 9.6 14.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.81 ng

RT: 28.89 min Scan# 4434

Delta R.T. -0.01 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

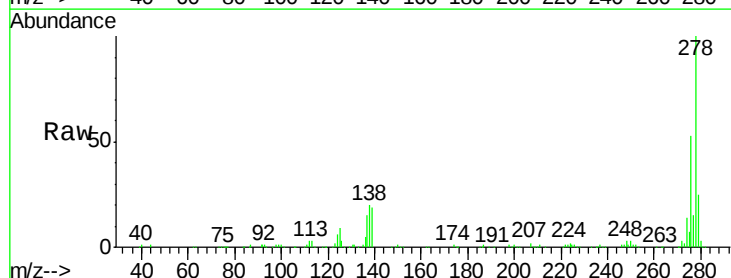
Tgt Ion:278 Resp: 476410

Ion Ratio Lower Upper

278 100

139 19.5 11.9 17.9#

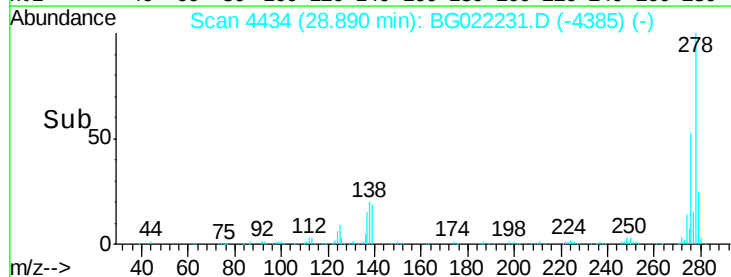
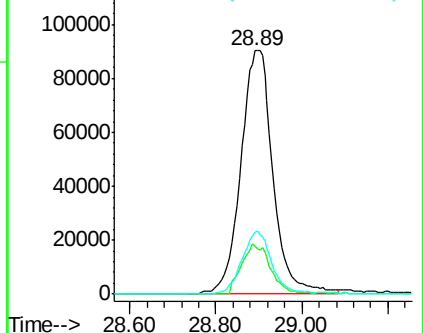
279 25.3 18.2 27.2

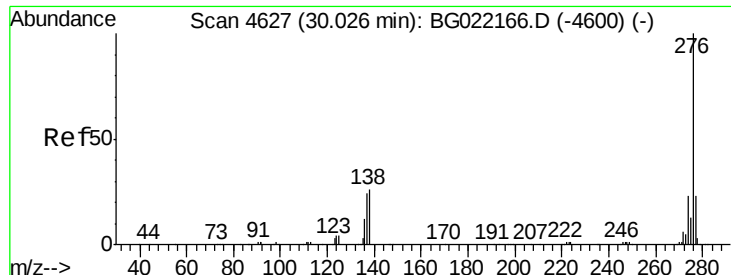


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 50.13 ng

RT: 30.02 min Scan# 4626

Delta R.T. -0.01 min

Lab File: BG022231.D

Acq: 8 Jun 2016 10:43

Instrument :

BNA_G

ClientSampleId :

SP16-LF2MW2MS

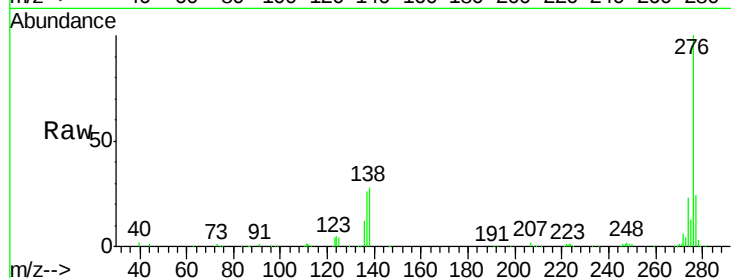
Tot Ion:276 Resp: 489102

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 28.2 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

