

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022480.D
 Acq On : 22 Jun 2016 00:14
 Operator : UM/SJ
 Sample : H3600-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

Quant Time: Jun 22 01:49:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	88881	20.00	ng	0.21
21) Naphthalene-d8	11.00	136	61	20.00	ng	0.10
38) Acenaphthene-d10	14.93	164	7634	20.00	ng	0.20
63) Phenanthrene-d10	17.47	188	2122	20.00	ng	0.00
75) Chrysene-d12	21.64	240	132750	20.00	ng	-0.10
86) Perylene-d12	24.84	264	118521	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	186836	40.64	ng	-0.10
7) Phenol-d6	7.17	99	253511	35.07	ng	-0.08
23) Nitrobenzene-d5	9.16	82	163401	186752.60	ng	-0.10
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	13.25	172	389354	777.25	ng	-0.09
78) Terphenyl-d14	19.98	244	567218	101.44	ng	-0.08

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	18299	8.30	ng	# 64
3) Pyridine	3.76	79	42042	7.06	ng	99
4) n-Nitrosodimethylamine	3.67	42	15922	11.95	ng	94
6) Aniline	7.40	93	69849	7.61	ng	# 53
10) Phenol	7.20	94	81016	10.87	ng	80
12) 1,3-Dichlorobenzene	8.34	146	68860	10.11	ng	# 89
13) 1,4-Dichlorobenzene	8.34	146	68860	10.15	ng	97
15) Benzyl Alcohol	8.52	79	11992	2.57	ng	# 29
17) 2-Methylphenol	8.79	107	95038	17.09	ng	# 81
19) n-Nitroso-di-n-propylamine	9.16	70	18566	3.79	ng	# 59
22) Acetophenone	8.82	105	116575	88681.37	ng	# 83
24) Nitrobenzene	9.40	77	15425	17531.26	ng	# 45
25) Isophorone	9.72	82	180575	88212.20	ng	# 92
26) 2-Nitrophenol	9.92	139	43973	92163.80	ng	# 77
27) 2,4-Dimethylphenol	9.98	122	83148	96284.89	ng	89
28) bis(2-Chloroethoxy)methane	10.20	93	110164	93934.52	ng	95
29) 2,4-Dichlorophenol	10.47	162	74295	92867.70	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	69814	78100.47	ng	95
31) Naphthalene	10.85	128	271335	89114.13	ng	# 94
32) Benzoic acid	10.16	122	27238	3334.83	ng	# 89
33) 4-Chloroaniline	10.99	127	26089	20605.92	ng	# 87
34) Hexachlorobutadiene	11.12	225	34593	72084.03	ng	97
35) Caprolactam	12.12	113	2654	6047.51	ng	# 1
36) 4-Chloro-3-methylphenol	12.12	107	90528	95468.96	ng	# 84
37) 2-Methylnaphthalene	12.68	142	189111	84130.60	ng	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	72023	366.50	ng	97
40) Hexachlorocyclopentadiene	12.80	237	26722	254.71	ng	96
42) 2,4,6-Trichlorophenol	13.17	196	60461	458.63	ng	92
43) 2,4,5-Trichlorophenol	13.17	196	60461	415.12	ng	94
45) 1,1'-Biphenyl	13.46	154	205891	358.37	ng	94
46) 2-Chloronaphthalene	13.51	162	130949	297.34	ng	97
47) 2-Nitroaniline	14.03	65	1388	13.22	ng	# 1
48) Acenaphthylene	14.70	152	121698	157.49	ng	# 1
49) Dimethylphthalate	14.09	163	206392	326.07	ng	98

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062116\
 Data File : BG022480.D
 Acq On : 22 Jun 2016 00:14
 Operator : UM/SJ
 Sample : H3600-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

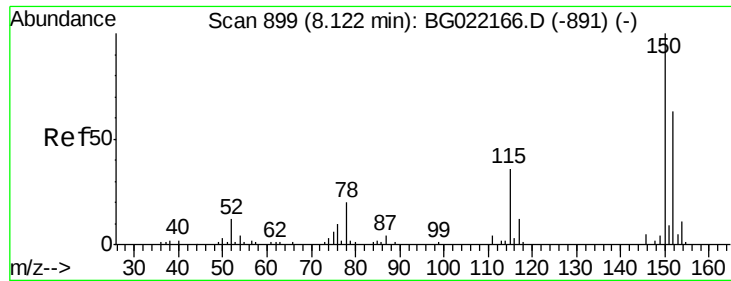
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

Quant Time: Jun 22 01:49:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

50) 2,6-Dinitrotoluene	14.63	165	8949	65.04	ng	# 24
51) Acenaphthene	14.78	154	21247	45.89	ng	# 7
52) 3-Nitroaniline	14.77	138	2825	18.51	ng	# 1
53) 2,4-Dinitrophenol	14.78	184	29484	464.00	ng	# 75
54) Dibenzofuran	15.27	168	15375	21.28	ng	# 52
55) 4-Nitrophenol	15.03	139	121641	1154.87	ng	# 8
57) Fluorene	15.88	166	16259	26.12	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	15.51	232	848	6.49	ng	# 38
61) 4-Nitroaniline	15.88	138	1144	7.07	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.78	198	36274	2992.32	ng	# 84
65) n-Nitrosodiphenylamine	15.88	169	229242	3750.19	ng	98
66) 4-Bromophenyl-phenylether	16.56	248	68087	3424.33	ng	98
67) Hexachlorobenzene	16.68	284	69901	3016.36	ng	98
68) Atrazine	16.83	200	69704	3080.46	ng	96
69) Pentachlorophenol	17.04	266	41830	3651.10	ng	96
70) Phenanthrene	17.52	178	410442	3561.20	ng	99
71) Anthracene	17.52	178	410442	3590.79	ng	97
72) Carbazole	17.79	167	378141	3493.00	ng	96
73) Di-n-butylphthalate	18.32	149	523332	3697.70	ng	98
74) Fluoranthene	19.43	202	449528	3392.77	ng	94
77) Pyrene	19.79	202	449045	54.41	ng	98
79) Butylbenzylphthalate	20.66	149	235883	61.63	ng	# 91
80) Benzo(a)anthracene	21.62	228	377286	50.68	ng	99
81) 3,3'-Dichlorobenzidine	21.54	252	60485	28.94	ng	# 96
82) Chrysene	21.69	228	360945	49.83	ng	99
83) Bis(2-ethylhexyl)phthalate	21.49	149	335760	59.66	ng	# 95
84) Di-n-octyl phthalate	22.69	149	558117	59.72	ng	# 86
85) Indeno(1,2,3-cd)pyrene	28.52	276	375150	46.16	ng	# 78
87) Benzo(b)fluoranthene	23.82	252	349354	50.54	ng	# 94
88) Benzo(k)fluoranthene	23.89	252	347505	51.07	ng	# 92
89) Benzo(a)pyrene	24.69	252	338076	51.15	ng	# 94
90) Dibenzo(a,h)anthracene	28.55	278	304099	48.85	ng	# 87
91) Benzo(g,h,i)perylene	29.64	276	311406	48.08	ng	# 87

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.30 min Scan# 930

Delta R.T. 0.21 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

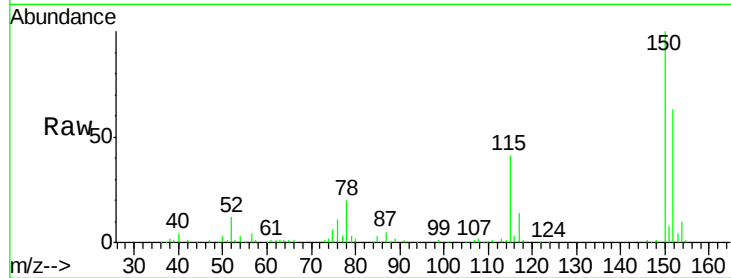
Tgt Ion:152 Resp: 88881

Ion Ratio Lower Upper

152 100

150 159.0 130.1 195.1

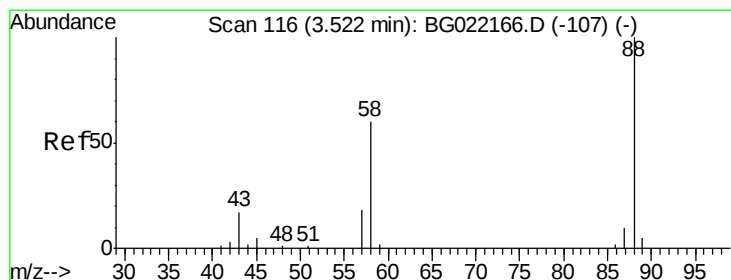
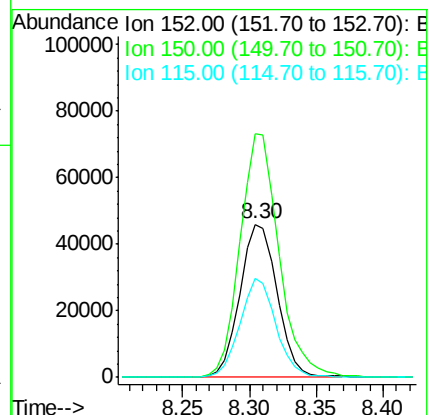
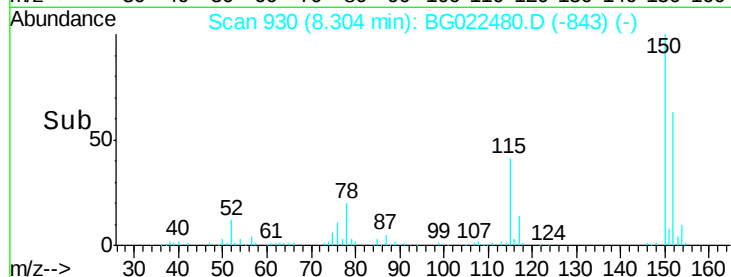
115 64.5 62.2 93.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 8.30 ng

RT: 3.33 min Scan# 84

Delta R.T. -0.14 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

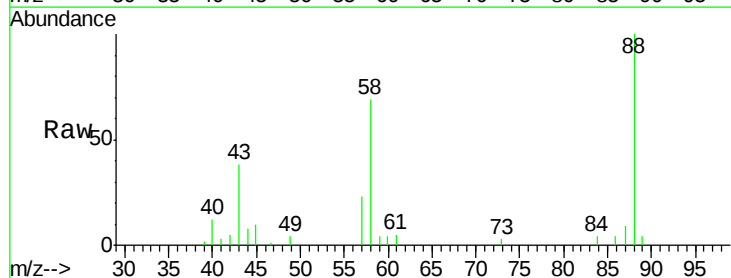
Tgt Ion: 88 Resp: 18299

Ion Ratio Lower Upper

88 100

58 67.3 36.8 55.2#

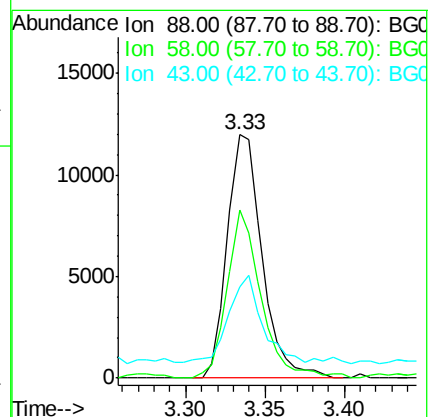
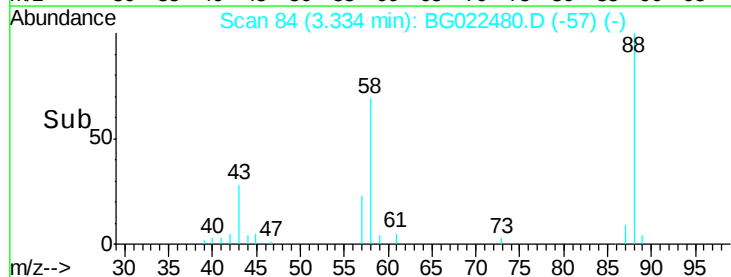
43 33.5 10.4 15.6#

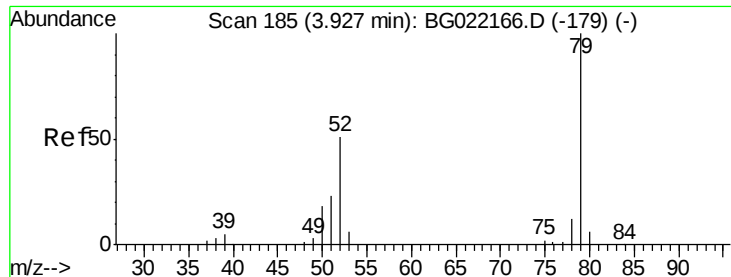


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 7.06 ng

RT: 3.76 min Scan# 157

Delta R.T. -0.12 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

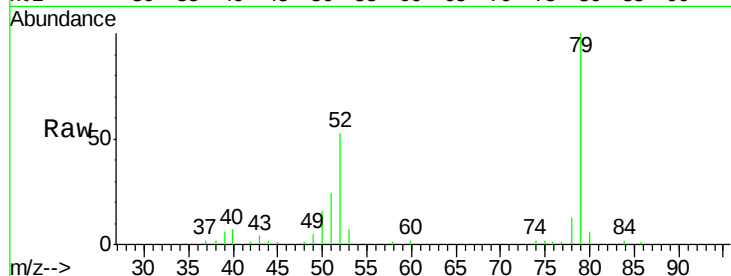
Tgt Ion: 79 Resp: 42042

Ion Ratio Lower Upper

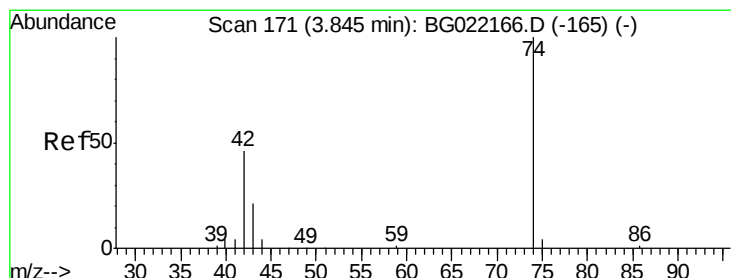
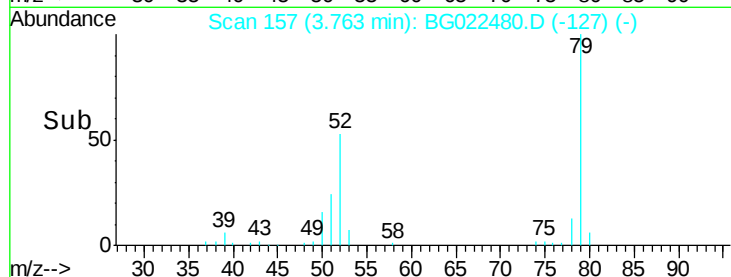
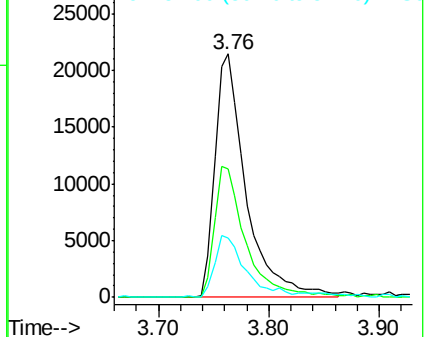
79 100

52 52.9 41.6 62.4

51 24.1 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: 11.95 ng

RT: 3.67 min Scan# 141

Delta R.T. -0.14 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

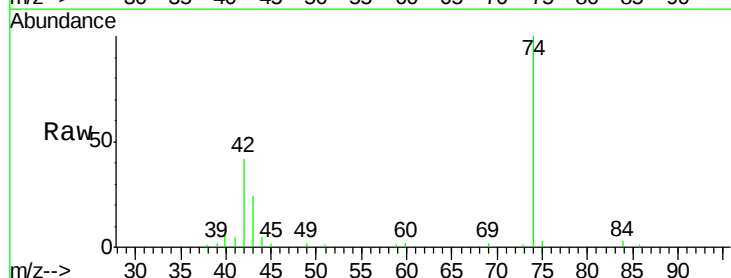
Tgt Ion: 42 Resp: 15922

Ion Ratio Lower Upper

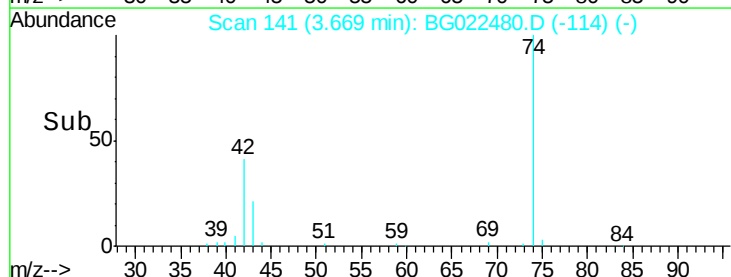
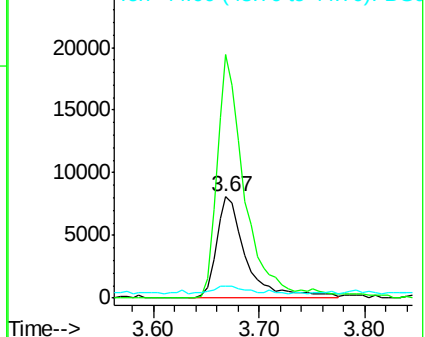
42 100

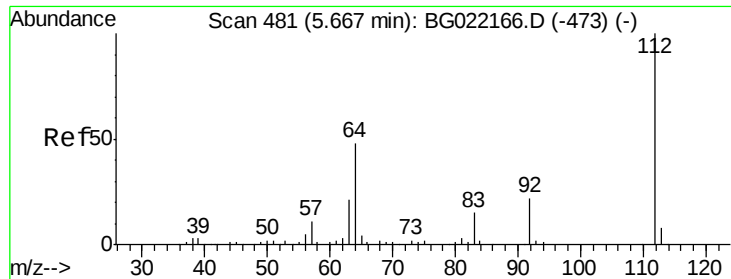
74 240.0 184.0 276.0

44 11.8 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: 40.64 ng

RT: 5.54 min Scan# 459

Delta R.T. -0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

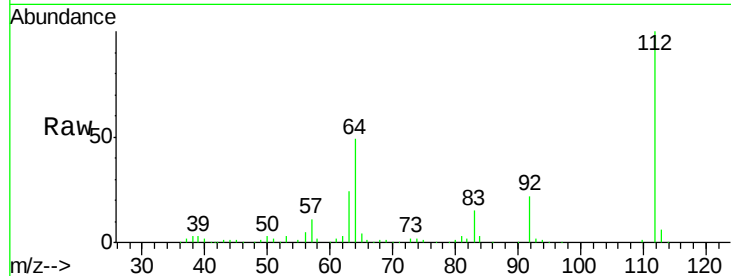
Tgt Ion: 112 Resp: 186836

Ion Ratio Lower Upper

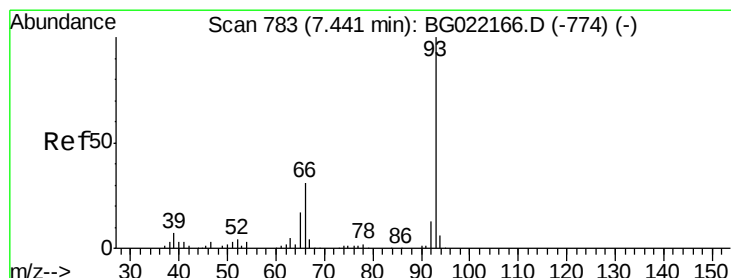
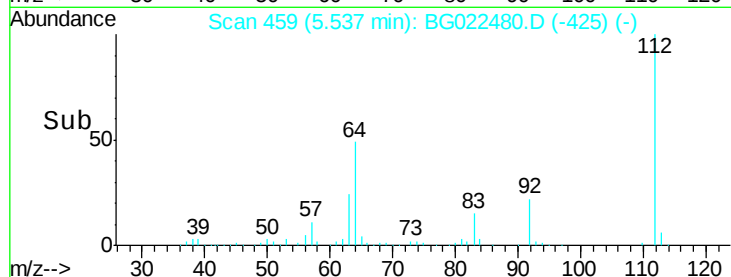
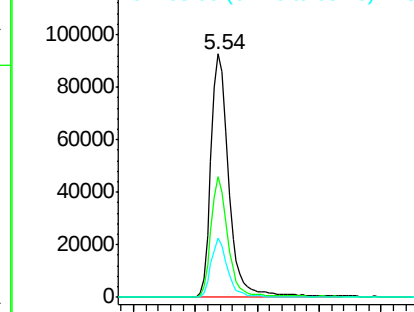
112 100

64 49.4 51.1 76.7#

63 24.1 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: 7.61 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

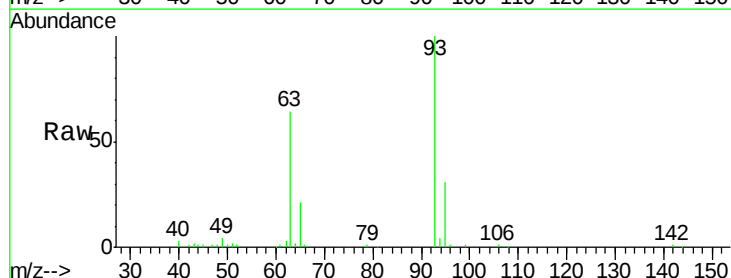
Tgt Ion: 93 Resp: 69849

Ion Ratio Lower Upper

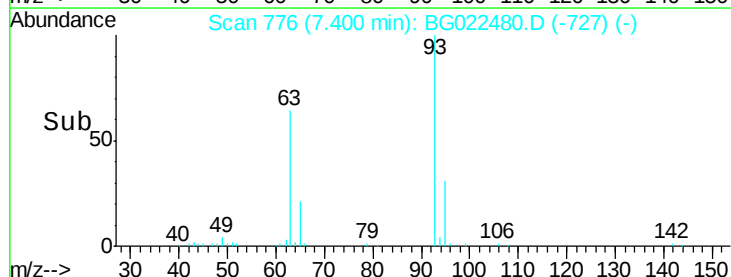
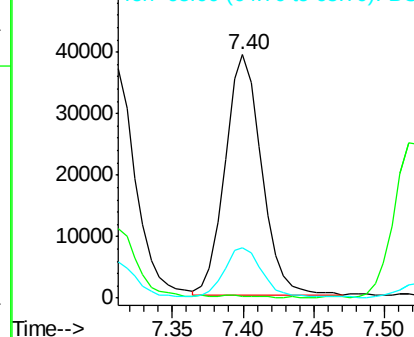
93 100

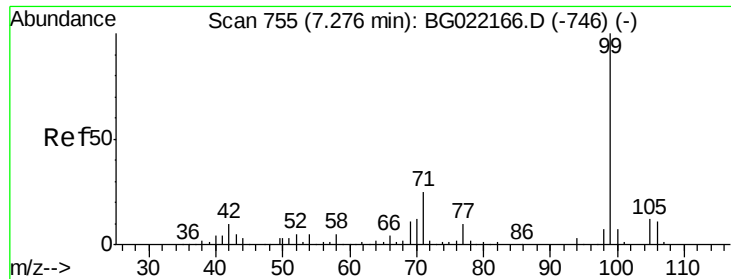
66 0.9 36.3 54.5#

65 20.6 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: 35.07 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.08 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

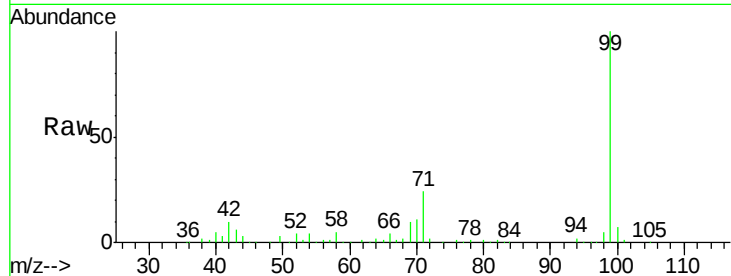
Tgt Ion: 99 Resp: 253511

Ion Ratio Lower Upper

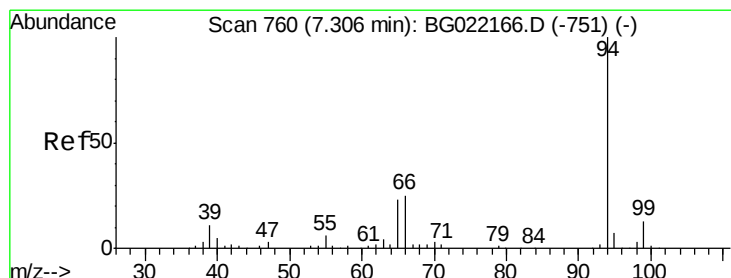
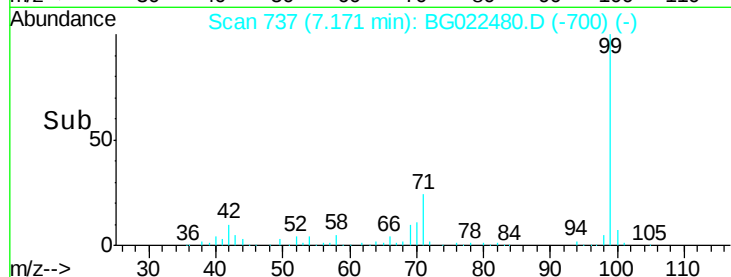
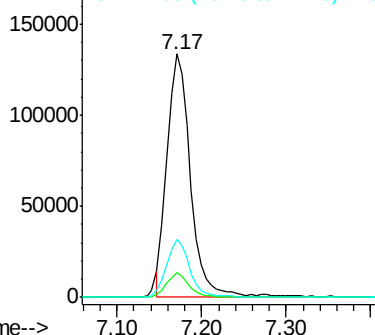
99 100

42 10.0 16.4 24.6#

71 23.8 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



#10

Phenol

Concen: 10.87 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.08 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

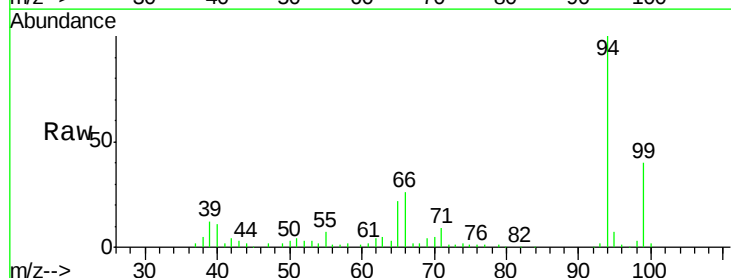
Tgt Ion: 94 Resp: 81016

Ion Ratio Lower Upper

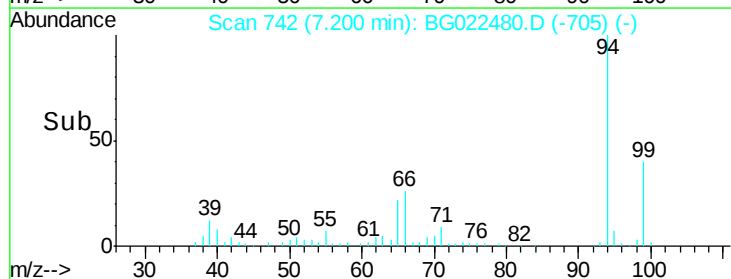
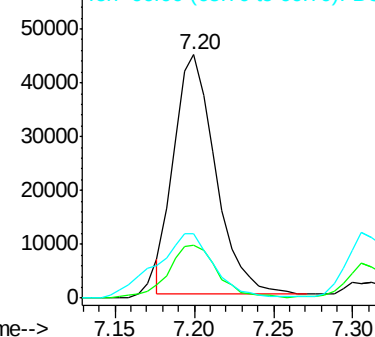
94 100

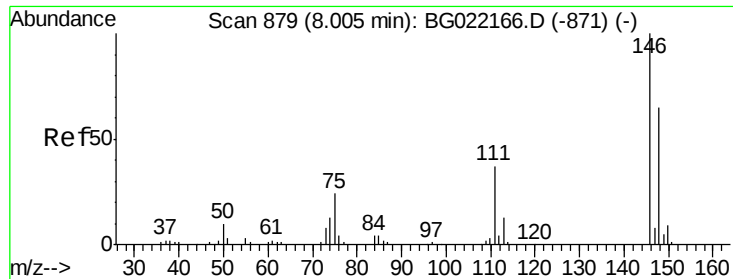
65 21.8 9.8 49.8

66 26.4 20.8 60.8



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

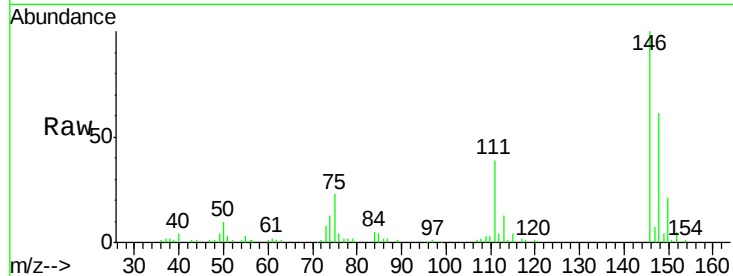




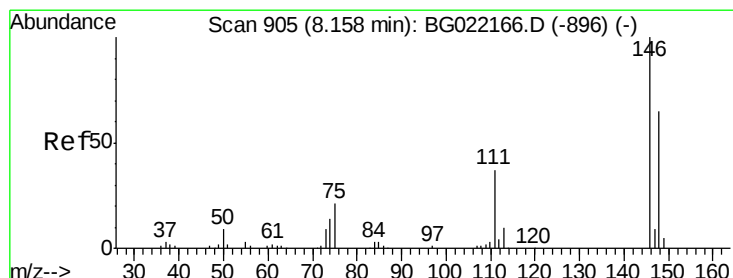
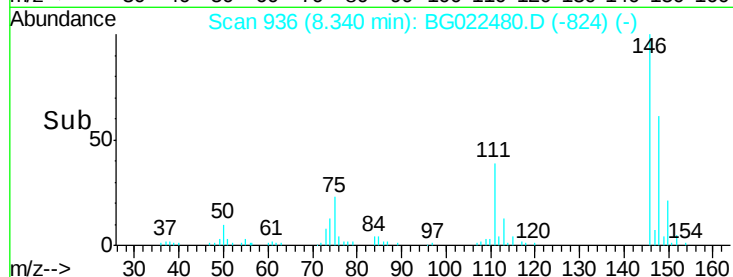
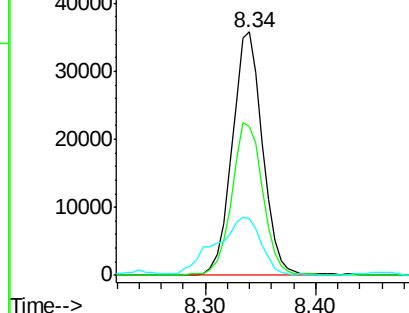
#12
 1,3-Dichlorobenzene
 Concen: 10.11 ng
 RT: 8.34 min Scan# 936
 Delta R.T. 0.36 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

Tgt Ion:146 Resp: 68860
 Ion Ratio Lower Upper
 146 100
 148 60.9 53.7 80.5
 75 23.3 27.4 41.0#

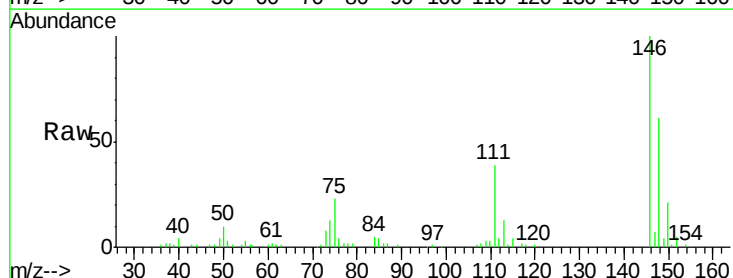


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BGC

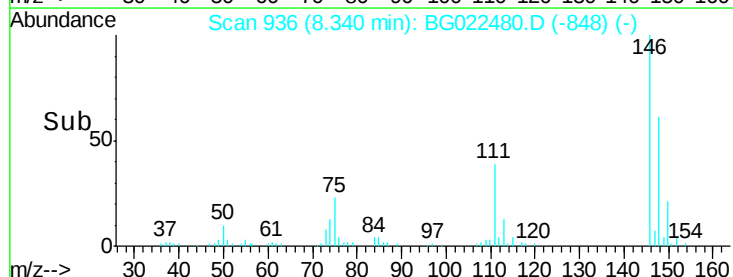
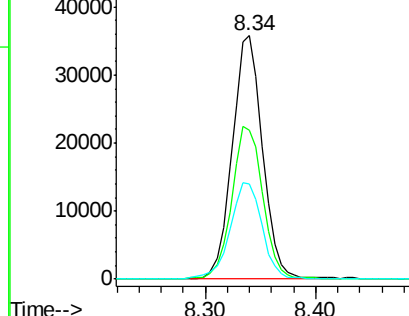


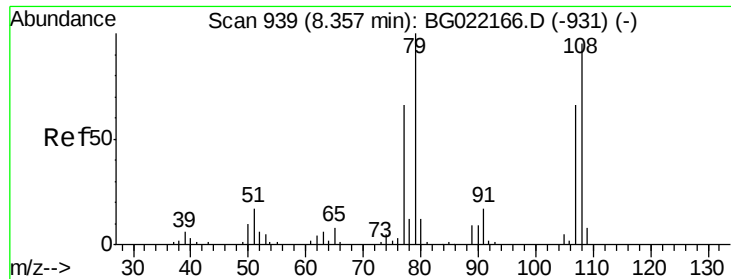
#13
 1,4-Dichlorobenzene
 Concen: 10.15 ng
 RT: 8.34 min Scan# 936
 Delta R.T. 0.22 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:146 Resp: 68860
 Ion Ratio Lower Upper
 146 100
 148 60.9 46.7 70.1
 111 39.2 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





#15

Benzyl Alcohol

Concen: 2.57 ng

RT: 8.52 min Scan# 966

Delta R.T. 0.18 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

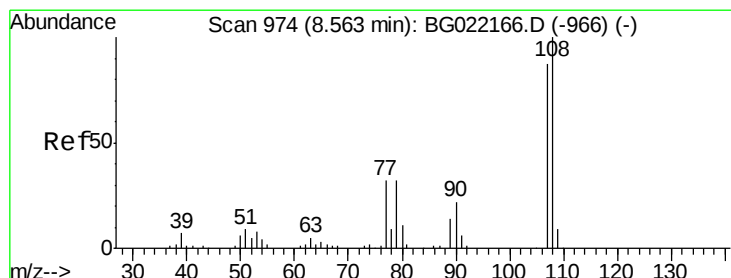
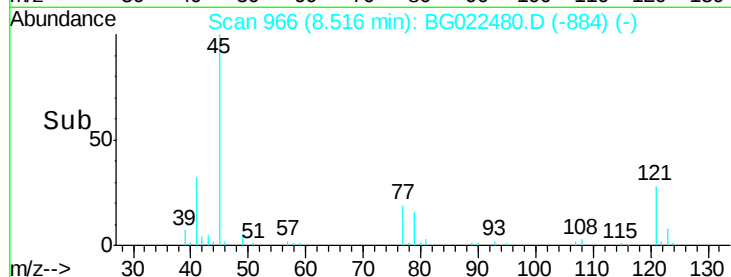
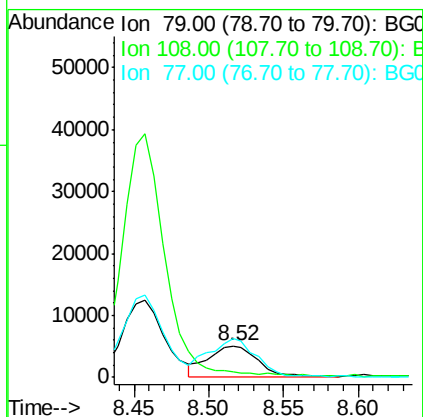
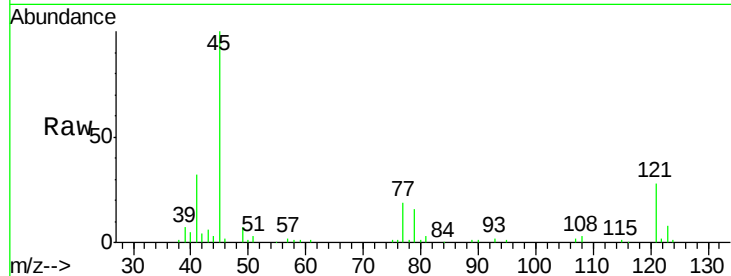
Tgt Ion: 79 Resp: 11992

Ion Ratio Lower Upper

79 100

108 16.9 59.4 89.0#

77 123.7 52.2 78.2#



#17

2-Methylphenol

Concen: 17.09 ng

RT: 8.79 min Scan# 1013

Delta R.T. 0.25 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Tgt Ion: 107 Resp: 95038

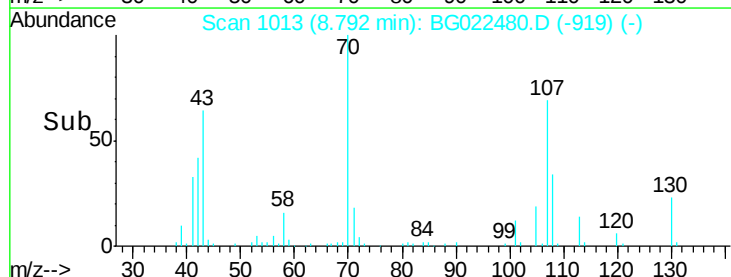
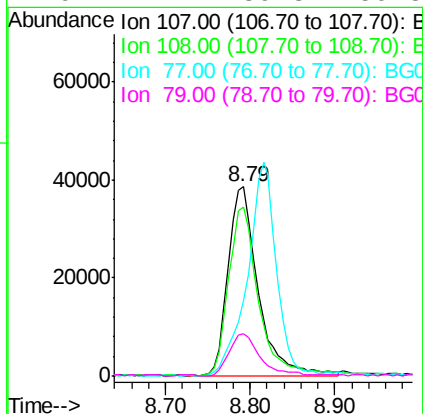
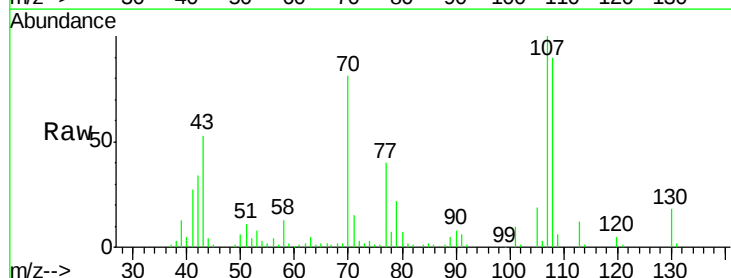
Ion Ratio Lower Upper

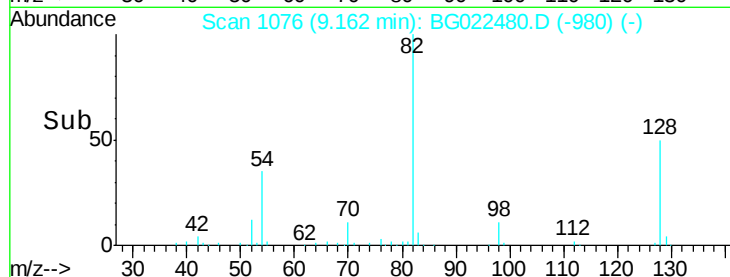
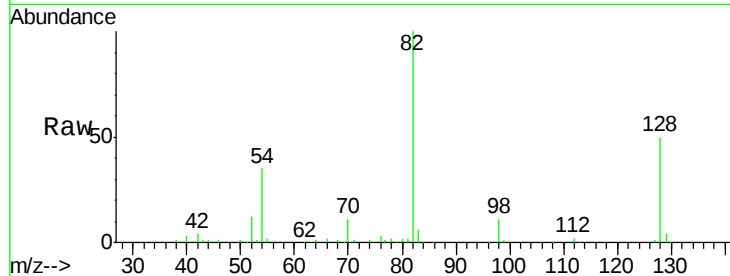
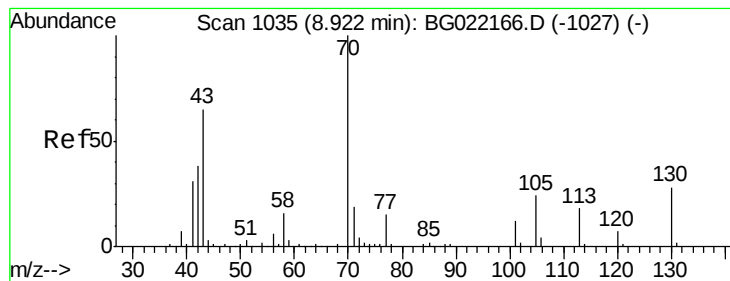
107 100

108 89.6 80.2 120.4

77 39.8 40.7 61.1#

79 22.1 39.8 59.8#





#19

n-Nitroso-di-n-propylamine

Concen: 3.79 ng

RT: 9.16 min Scan# 1076

Delta R.T. 0.27 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

Tgt Ion: 70 Resp: 18566

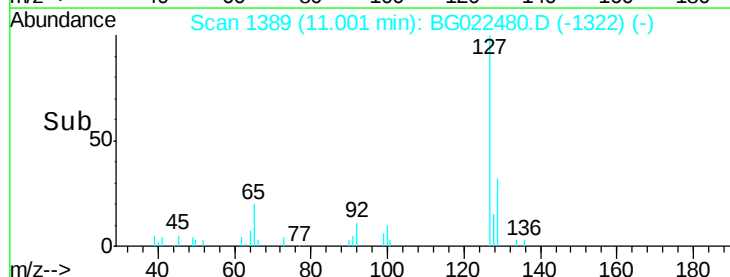
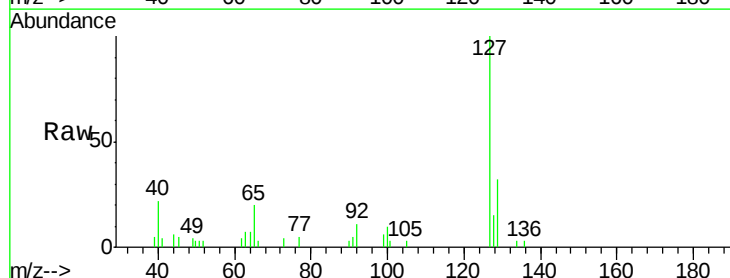
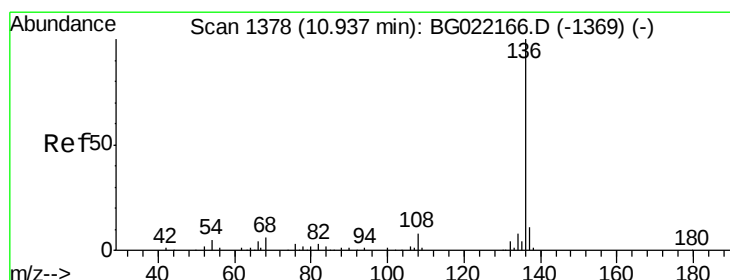
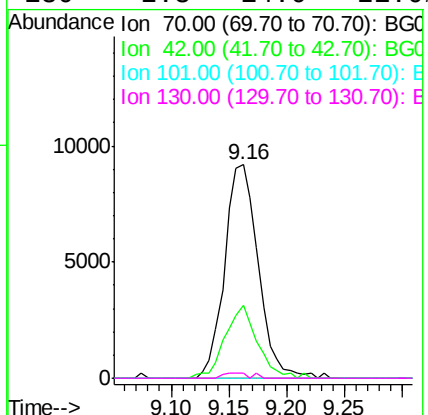
Ion Ratio Lower Upper

70 100

42 34.2 56.7 85.1#

101 0.0 8.2 12.4#

130 2.3 14.0 21.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.00 min Scan# 1389

Delta R.T. 0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Tgt Ion: 136 Resp: 61

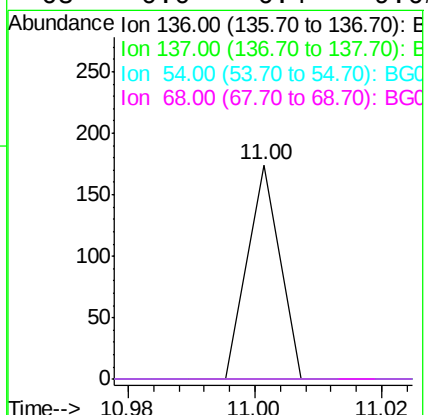
Ion Ratio Lower Upper

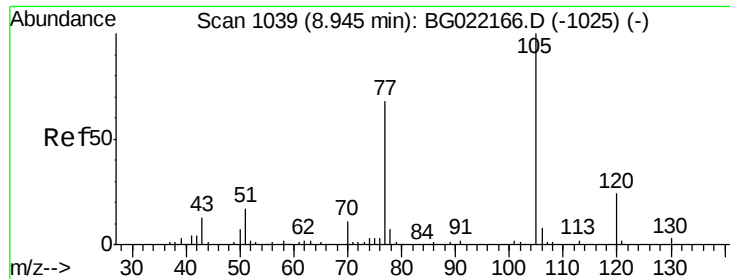
136 100

137 0.0 9.0 13.4#

54 0.0 9.6 14.4#

68 0.0 6.4 9.6#





#22

Acetophenone

Concen: 88681.37 ng

RT: 8.82 min Scan# 1017

Delta R.T. -0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

Tgt Ion: 105 Resp: 116575

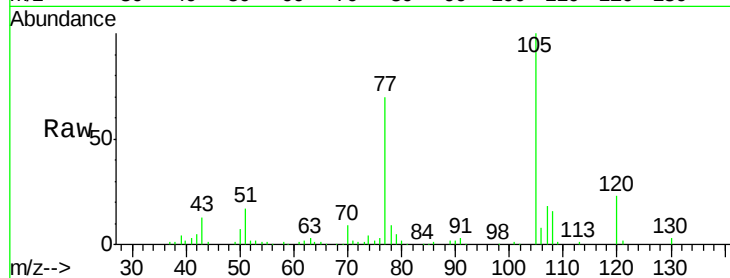
Ion Ratio Lower Upper

105 100

71 1.7 0.0 0.0#

51 17.2 25.7 38.5#

120 22.8 17.0 25.6

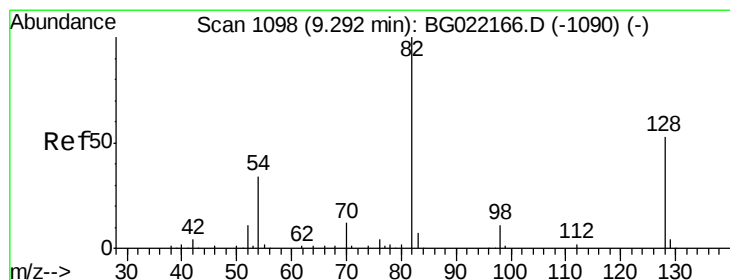
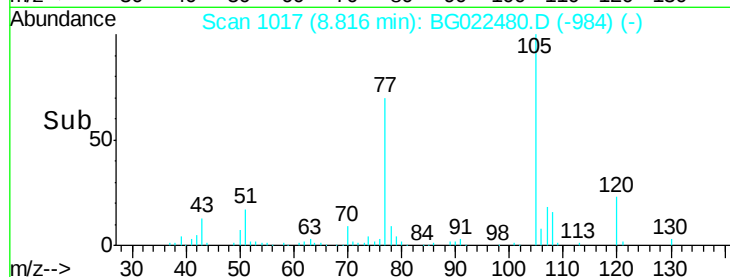
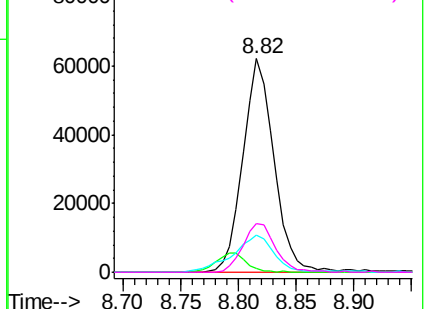


Abundance Ion 105.00 (104.70 to 105.70): E

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: 186752.60 ng

RT: 9.16 min Scan# 1076

Delta R.T. -0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

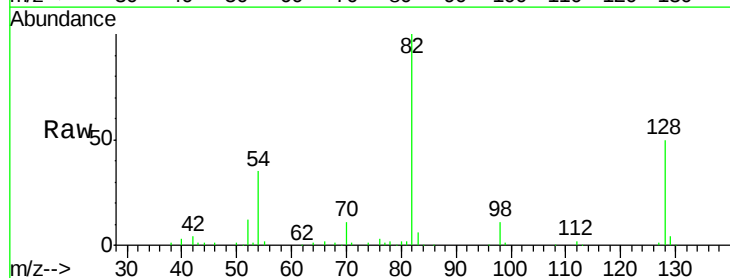
Tgt Ion: 82 Resp: 163401

Ion Ratio Lower Upper

82 100

128 49.9 33.4 50.0

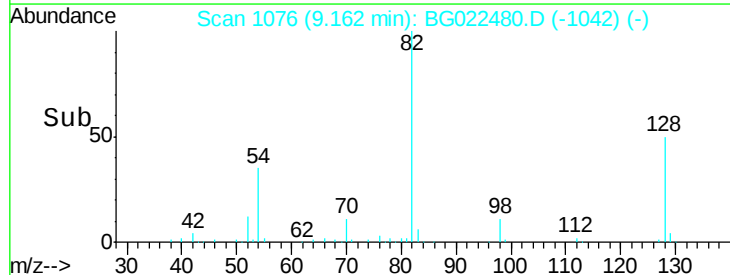
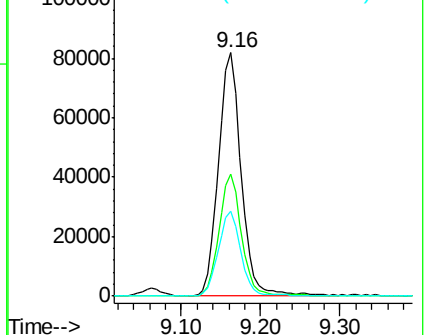
54 34.6 46.1 69.1#

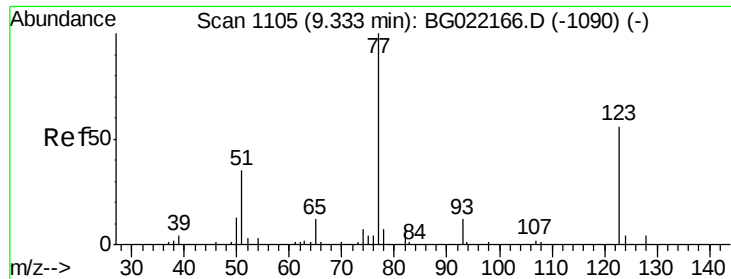


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#24

Nitrobenzene

Concen: 17531.26 ng

RT: 9.40 min Scan# 1117

Delta R.T. 0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

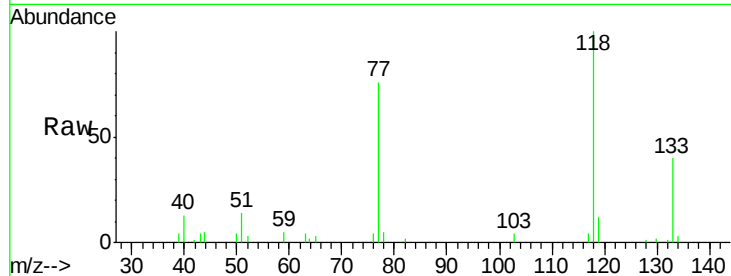
Tgt Ion: 77 Resp: 15425

Ion Ratio Lower Upper

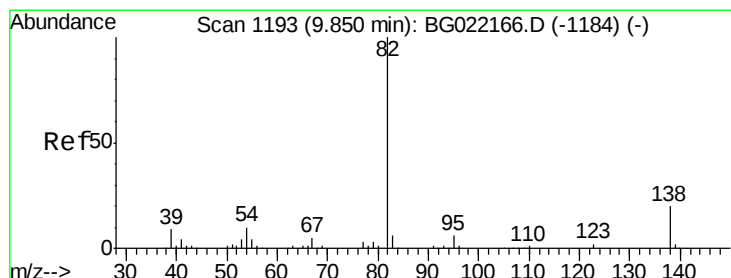
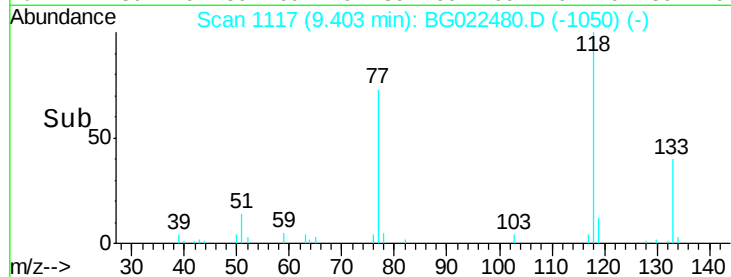
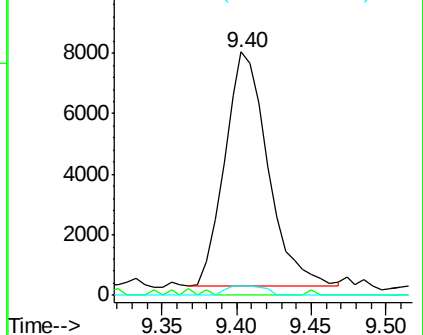
77 100

123 0.0 32.2 48.4#

65 3.9 10.3 15.5#



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



#25

Isophorone

Concen: 88212.20 ng

RT: 9.72 min Scan# 1171

Delta R.T. -0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

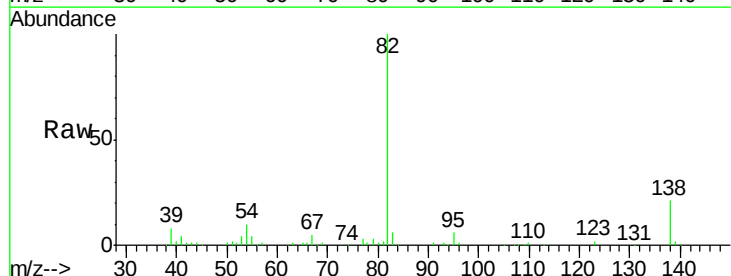
Tgt Ion: 82 Resp: 180575

Ion Ratio Lower Upper

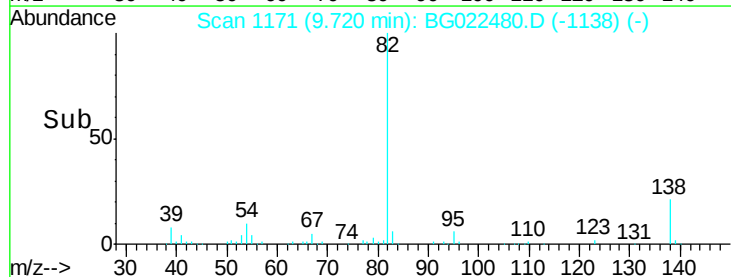
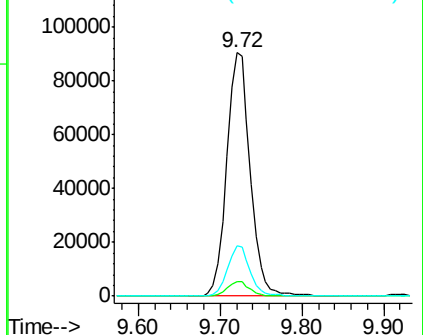
82 100

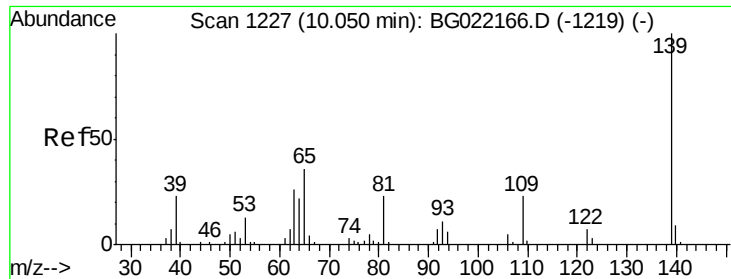
95 6.0 6.0 9.0#

138 20.7 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

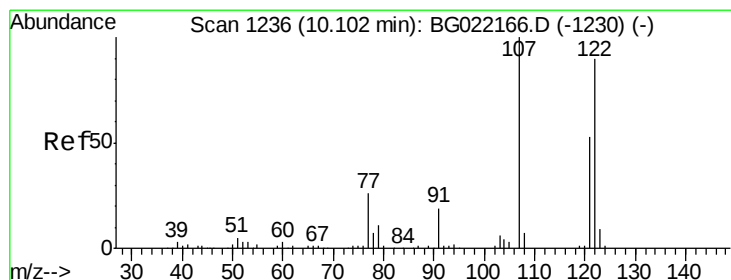
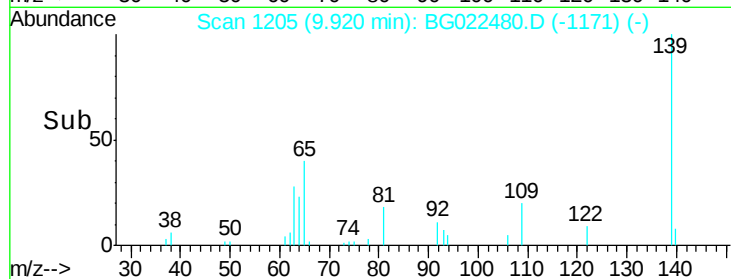
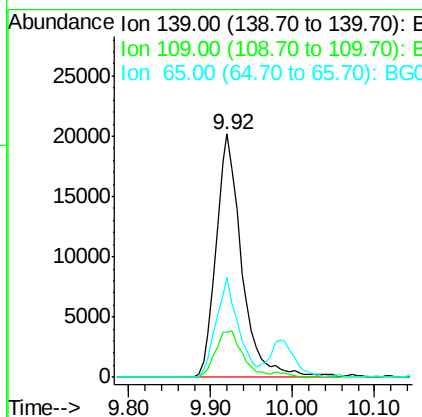
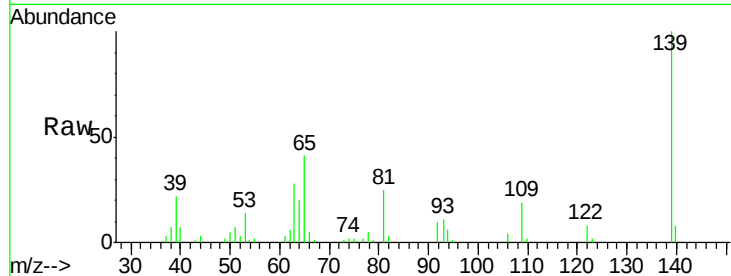




#26
2-Nitrophenol
Concen: 92163.80 ng
RT: 9.92 min Scan# 1205
Delta R.T. -0.10 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

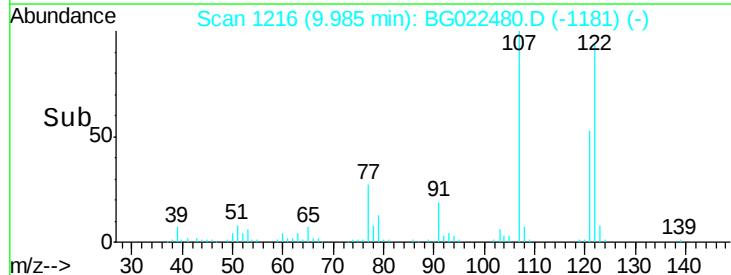
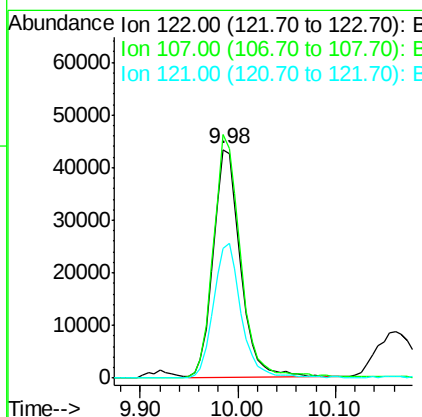
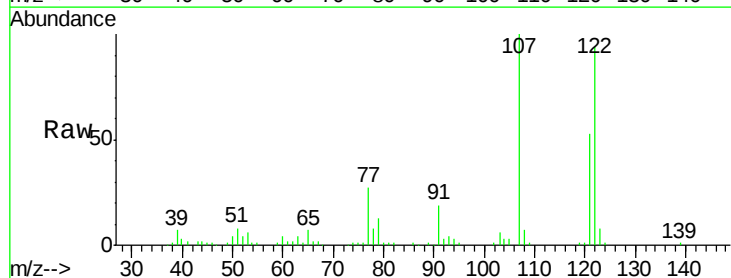
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

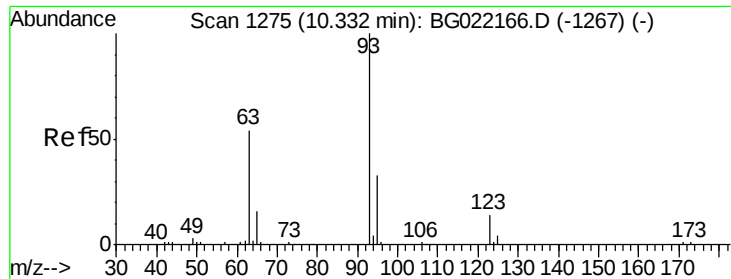
Tgt Ion:139 Resp: 43973
Ion Ratio Lower Upper
139 100
109 18.8 26.6 40.0#
65 41.0 45.3 67.9#



#27
2,4-Dimethylphenol
Concen: 96284.89 ng
RT: 9.98 min Scan# 1216
Delta R.T. -0.09 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion:122 Resp: 83148
Ion Ratio Lower Upper
122 100
107 106.5 97.2 145.8
121 56.8 49.0 73.4

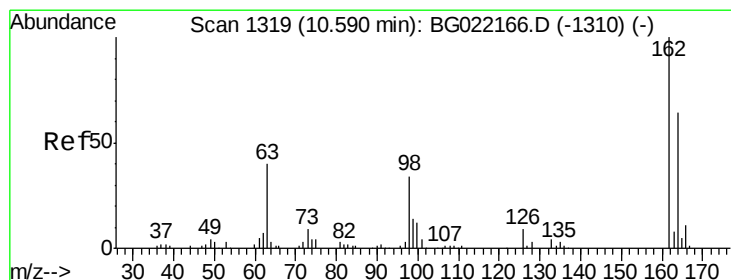
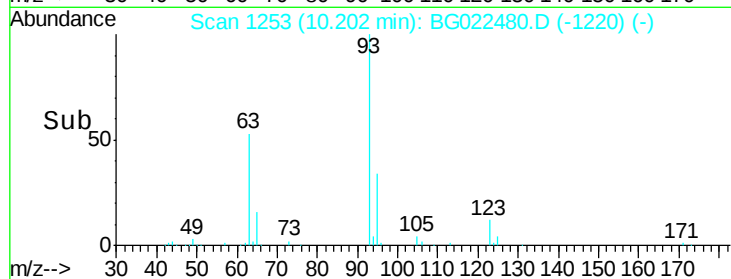
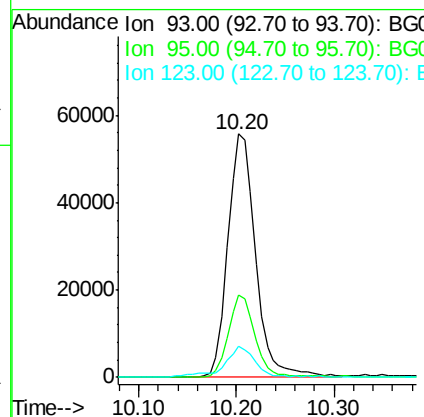
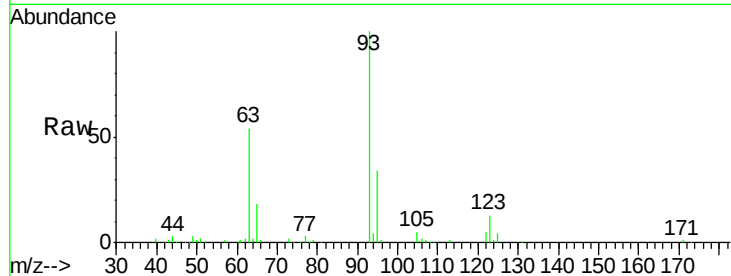




#28
bis(2-Chloroethoxy)methane
Concen: 93934.52 ng
RT: 10.20 min Scan# 1253
Delta R.T. -0.10 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

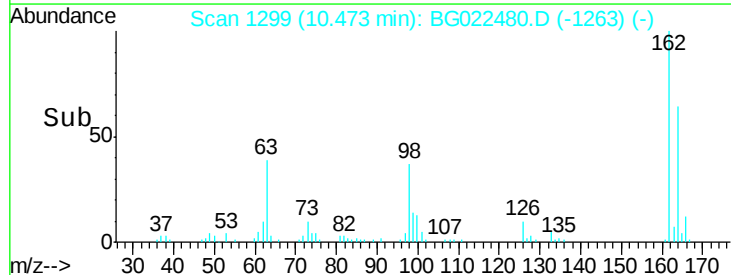
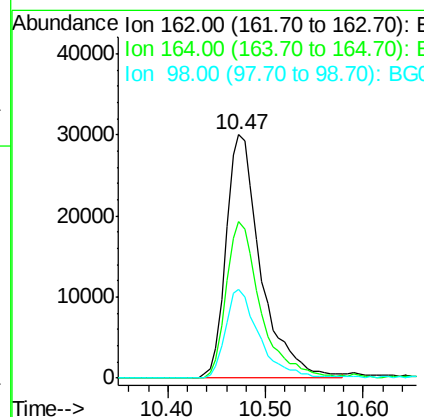
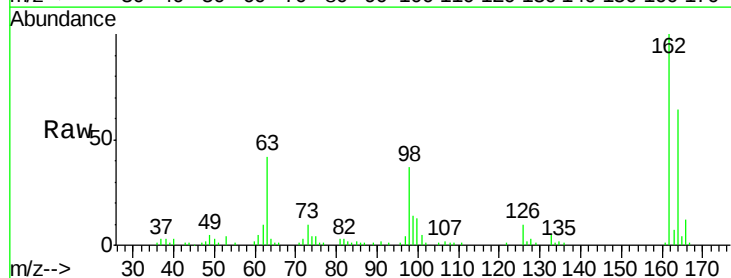
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

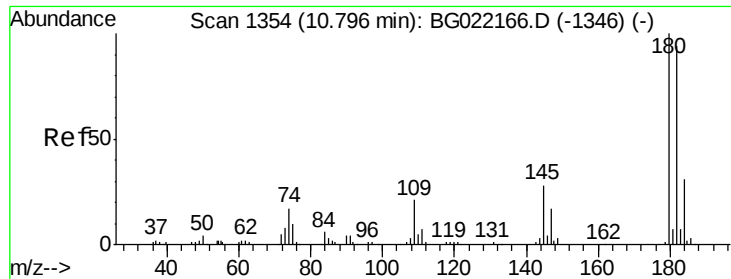
Tgt Ion: 93 Resp: 110164
Ion Ratio Lower Upper
93 100
95 33.7 30.1 45.1
123 13.0 10.2 15.4



#29
2,4-Dichlorophenol
Concen: 92867.70 ng
RT: 10.47 min Scan# 1299
Delta R.T. -0.09 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion: 162 Resp: 74295
Ion Ratio Lower Upper
162 100
164 64.4 44.9 84.9
98 36.5 19.2 59.2

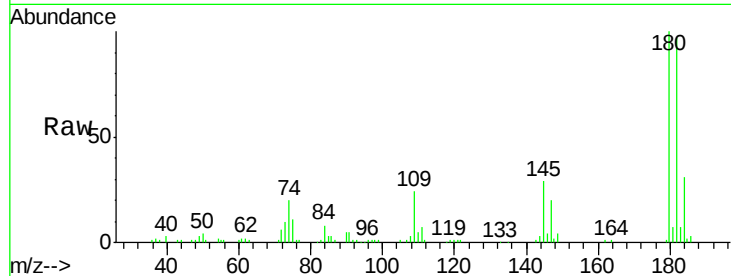




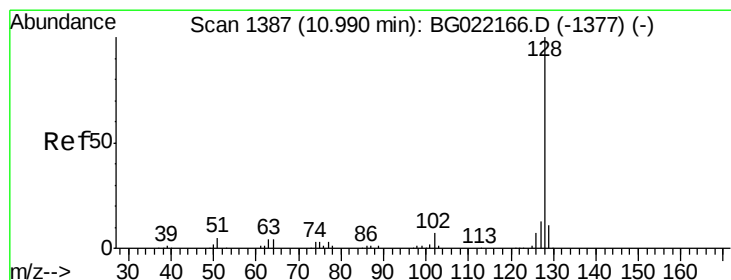
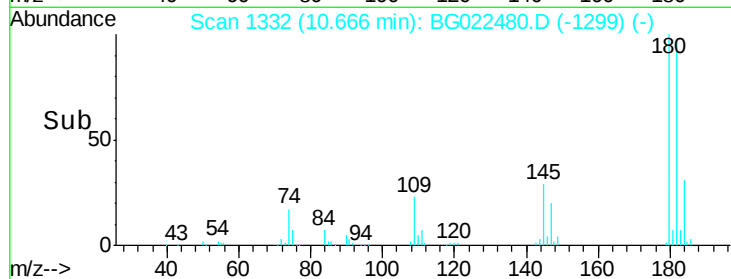
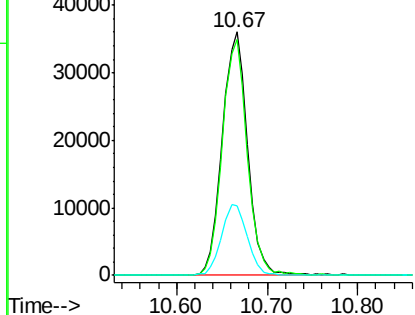
#30
 1,2,4-Trichlorobenzene
 Concen: 78100.47 ng
 RT: 10.67 min Scan# 1332
 Delta R.T. -0.10 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

Tgt Ion:180 Resp: 69814
 Ion Ratio Lower Upper
 180 100
 182 97.0 82.3 123.5
 145 28.5 24.4 36.6

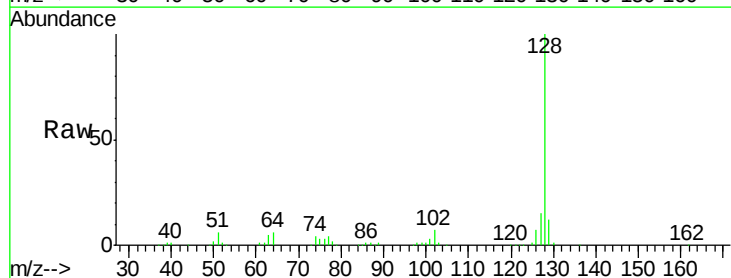


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

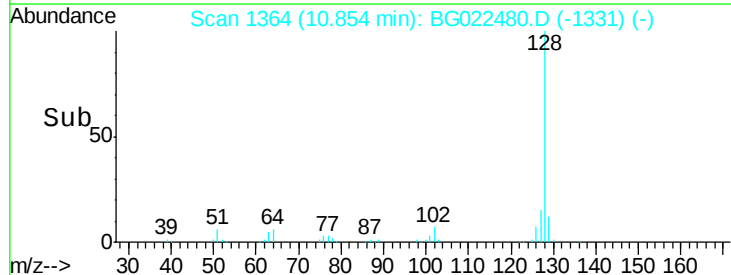
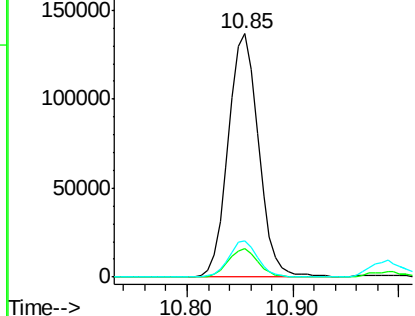


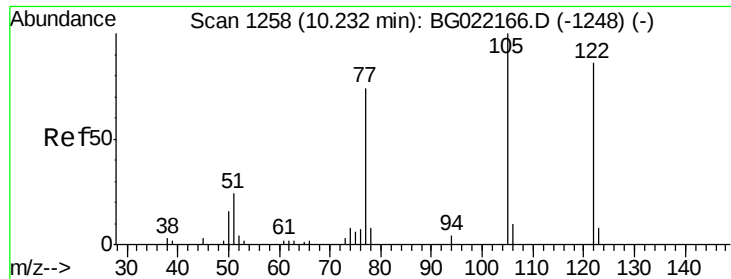
#31
 Naphthalene
 Concen: 89114.13 ng
 RT: 10.85 min Scan# 1364
 Delta R.T. -0.10 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:128 Resp: 271335
 Ion Ratio Lower Upper
 128 100
 129 11.6 7.0 10.6#
 127 14.8 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 3334.83 ng

RT: 10.16 min Scan# 1246

Delta R.T. -0.06 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

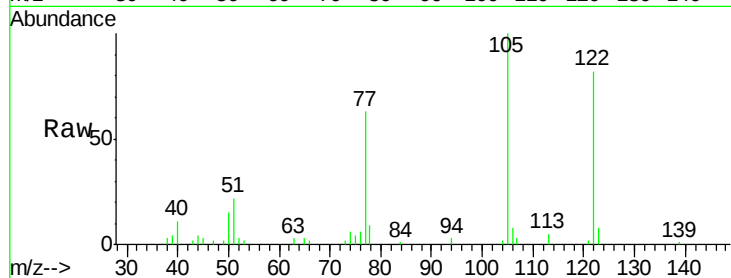
Tgt Ion:122 Resp: 27238

Ion Ratio Lower Upper

122 100

105 122.6 104.5 144.5

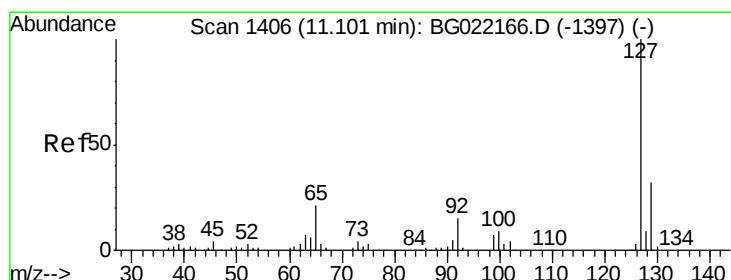
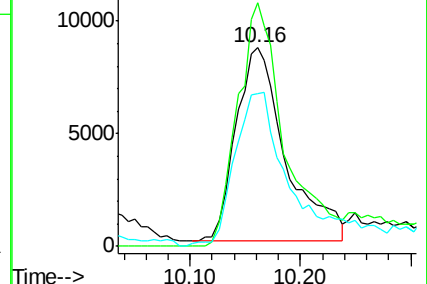
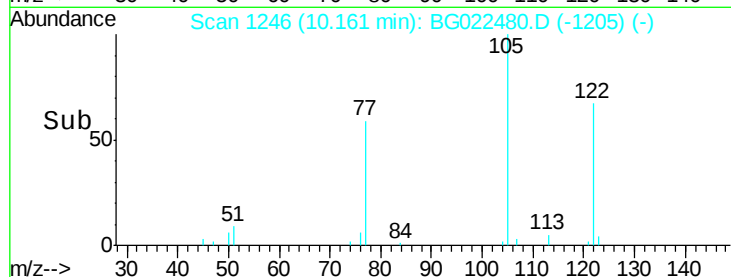
77 77.1 79.9 119.9#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#33

4-Chloroaniline

Concen: 20605.92 ng

RT: 10.99 min Scan# 1387

Delta R.T. -0.08 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Tgt Ion:127 Resp: 26089

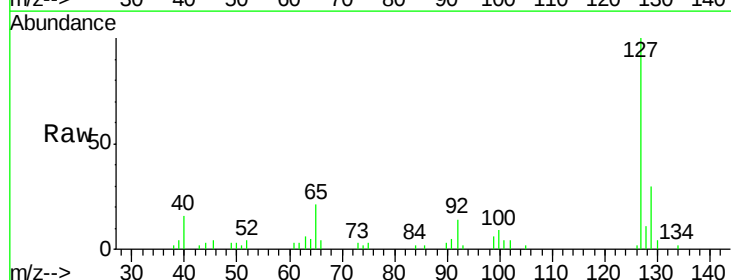
Ion Ratio Lower Upper

127 100

129 30.4 26.6 39.8

65 20.8 27.5 41.3#

92 14.0 14.7 22.1#

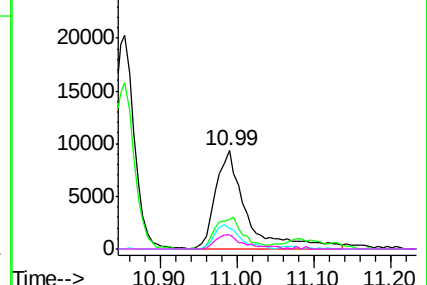
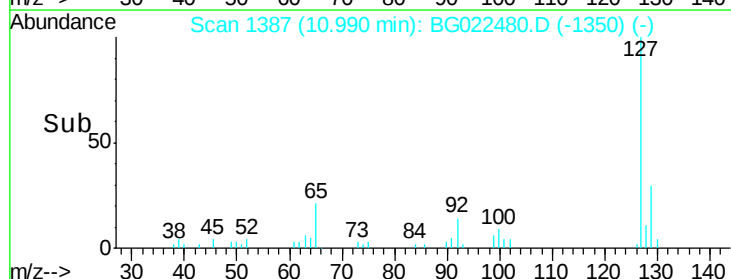


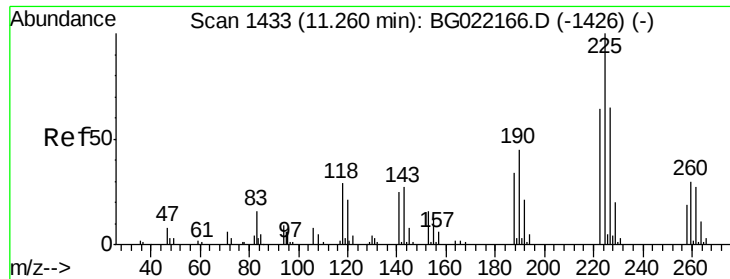
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

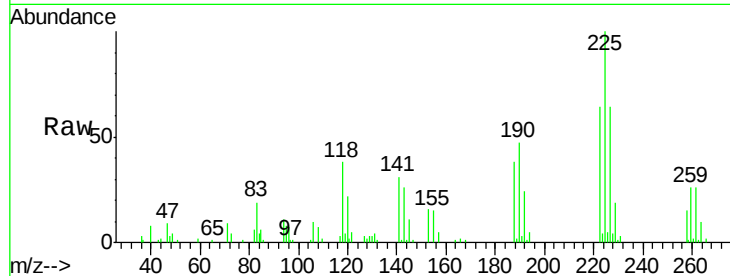




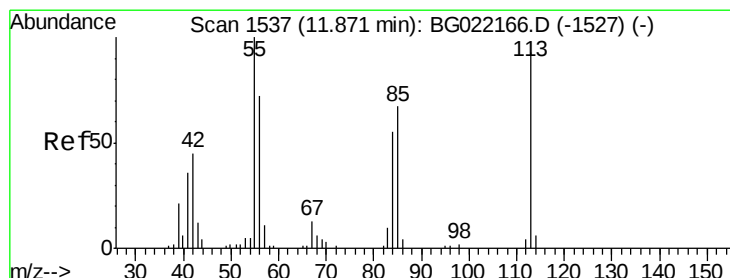
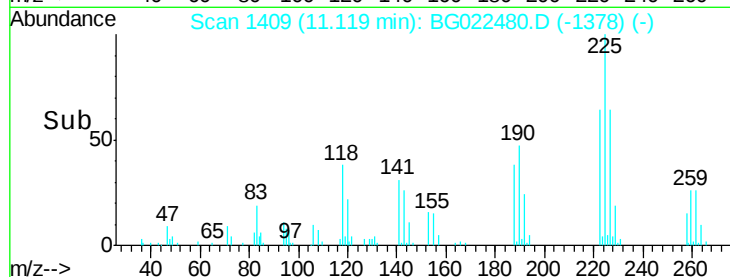
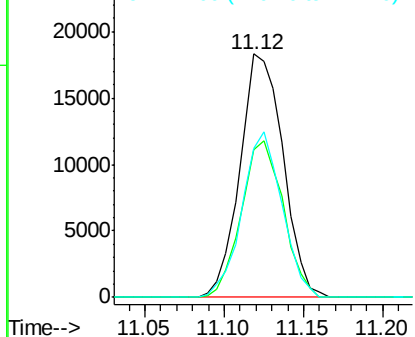
#34
Hexachlorobutadiene
Concen: 72084.03 ng
RT: 11.12 min Scan# 1409
Delta R.T. -0.12 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

Tgt Ion: 225 Resp: 34593
Ion Ratio Lower Upper
225 100
223 63.8 52.7 79.1
227 64.6 49.7 74.5

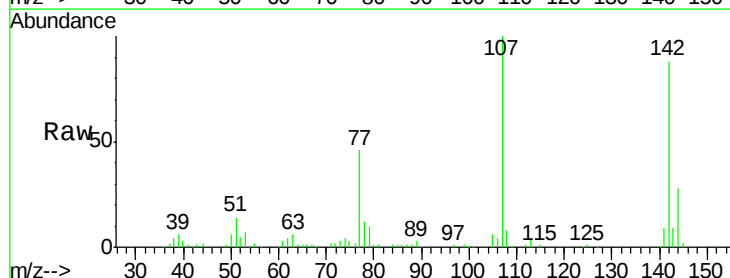


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

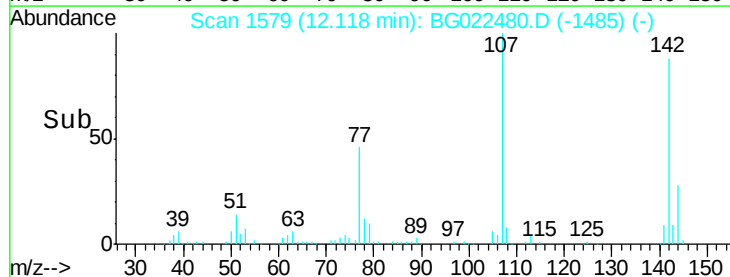
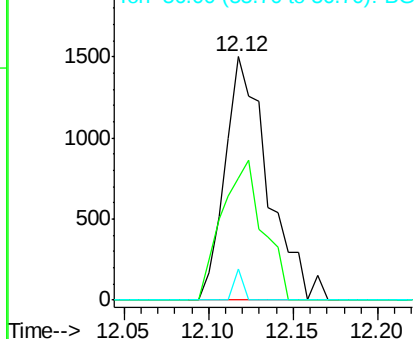


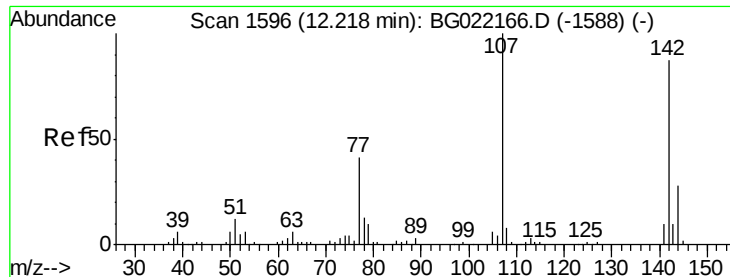
#35
Caprolactam
Concen: 6047.51 ng
RT: 12.12 min Scan# 1579
Delta R.T. 0.25 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion: 113 Resp: 2654
Ion Ratio Lower Upper
113 100
55 50.2 194.2 234.2#
56 12.6 122.6 162.6#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BGC
Ion 56.00 (55.70 to 56.70): BGC

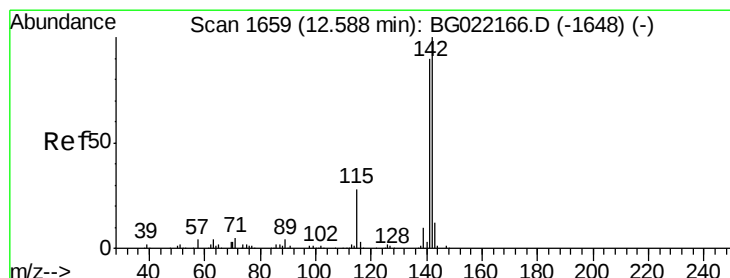
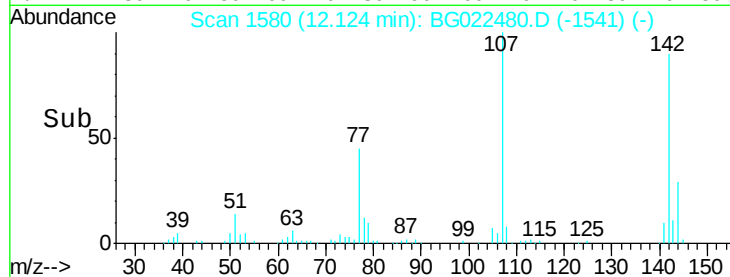
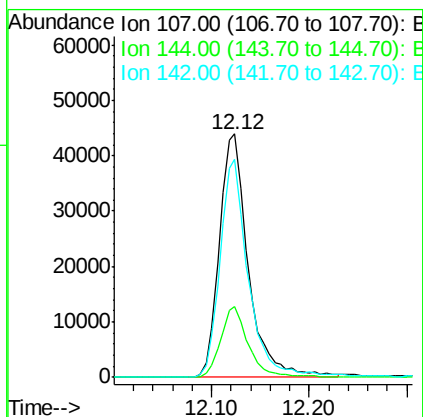
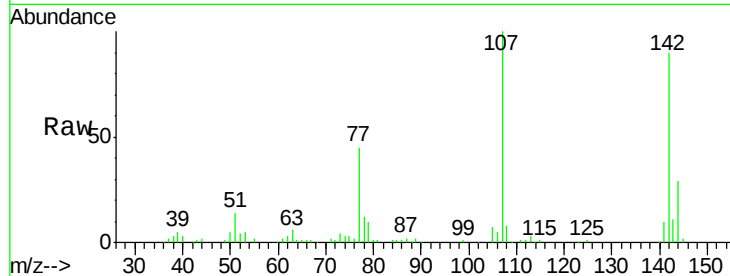




#36
 4-Chloro-3-methylphenol
 Concen: 95468.96 ng
 RT: 12.12 min Scan# 1580
 Delta R.T. -0.07 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

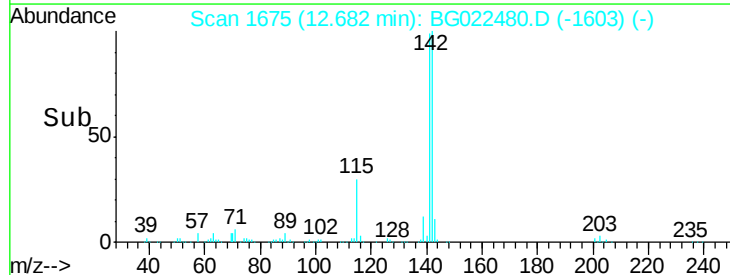
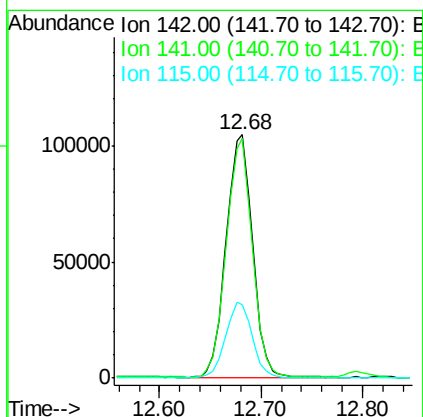
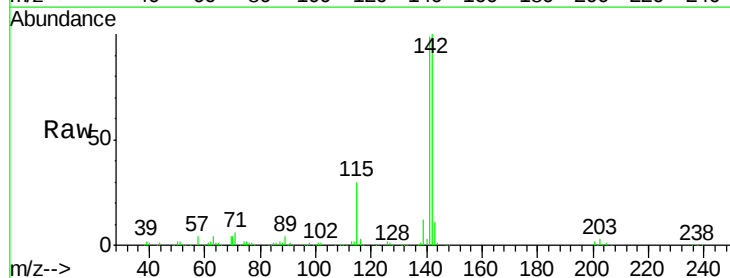
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

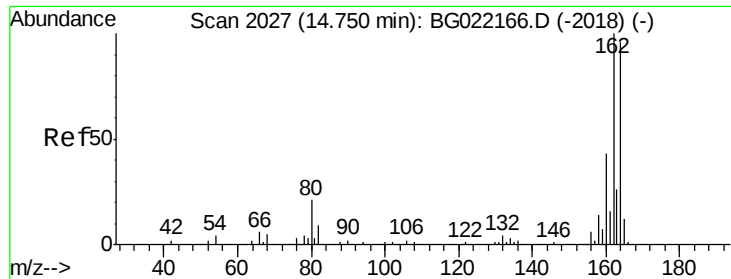
Tgt Ion:107 Resp: 90528
 Ion Ratio Lower Upper
 107 100
 144 28.9 19.2 28.8#
 142 89.5 59.1 88.7#



#37
 2-Methylnaphthalene
 Concen: 84130.60 ng
 RT: 12.68 min Scan# 1675
 Delta R.T. 0.13 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:142 Resp: 189111
 Ion Ratio Lower Upper
 142 100
 141 98.6 71.4 107.0
 115 30.0 27.4 41.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.93 min Scan# 2057

Delta R.T. 0.20 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

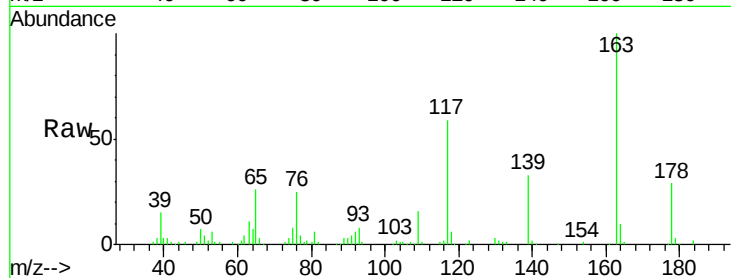
Tgt Ion:164 Resp: 7634

Ion Ratio Lower Upper

164 100

162 0.0 78.0 117.0#

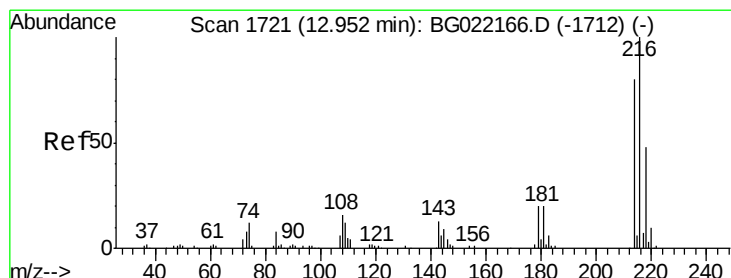
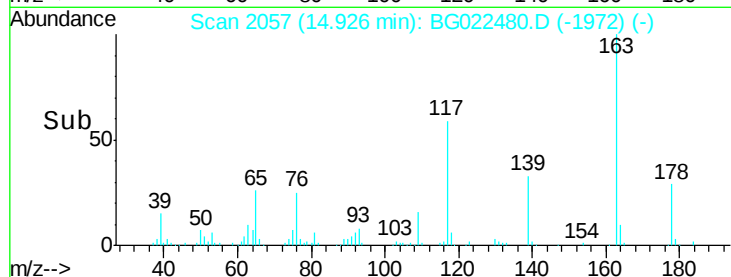
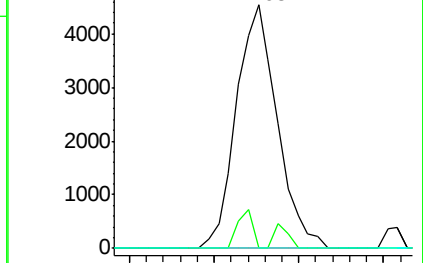
160 0.0 32.9 49.3#



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 366.50 ng

RT: 12.83 min Scan# 1700

Delta R.T. -0.09 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Tgt Ion:216 Resp: 72023

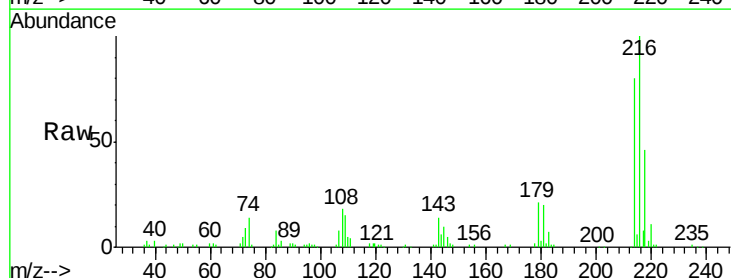
Ion Ratio Lower Upper

216 100

214 81.4 62.2 93.2

179 21.1 16.7 25.1

108 19.0 14.0 21.0

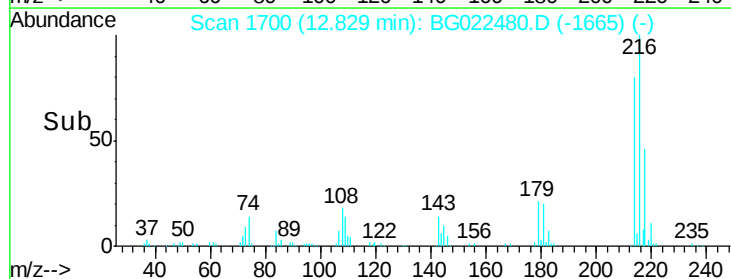
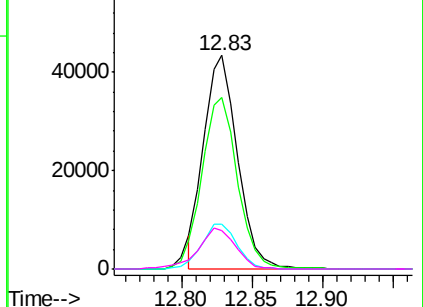


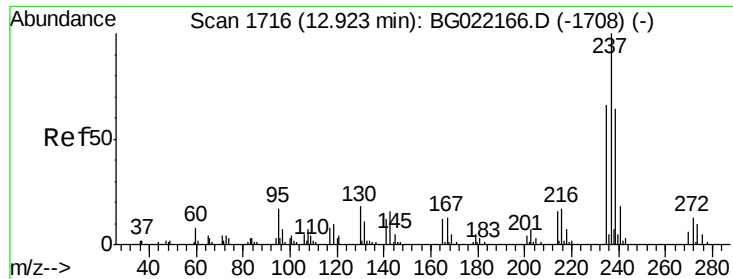
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 254.71 ng

RT: 12.80 min Scan# 1695

Delta R.T. -0.10 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

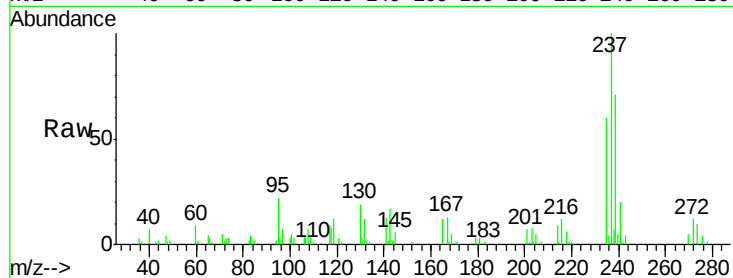
Tgt Ion: 237 Resp: 26722

Ion Ratio Lower Upper

237 100

235 60.0 43.2 83.2

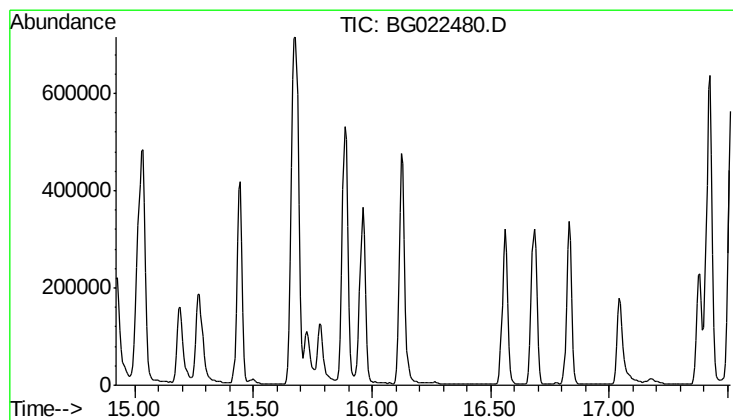
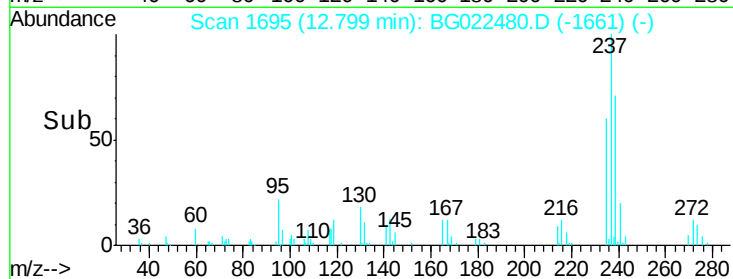
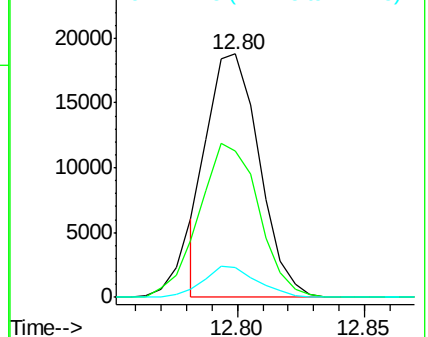
272 12.2 0.0 33.4



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: 0.00 ng

Expected RT: 16.22 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

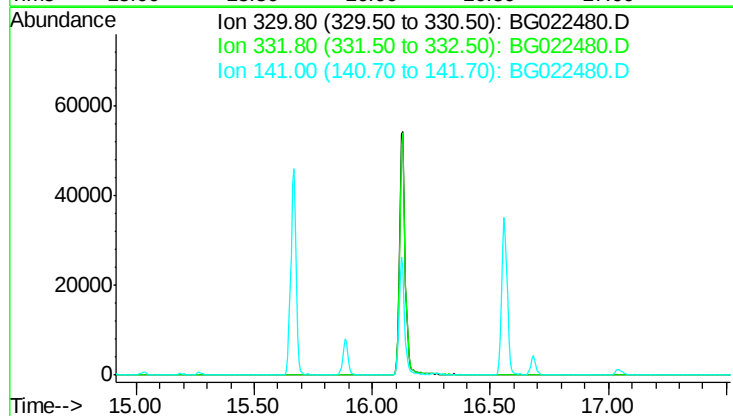
Tgt Ion: 330

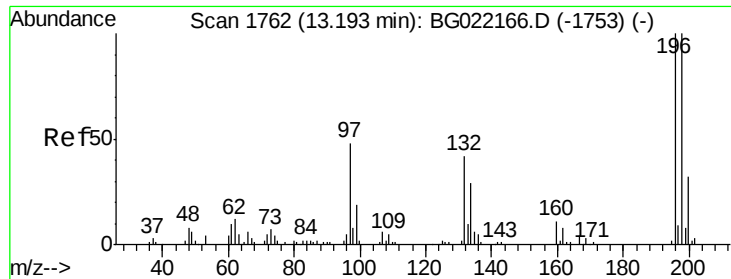
Sig Exp Ratio

330 100

332 97.5

141 42.3

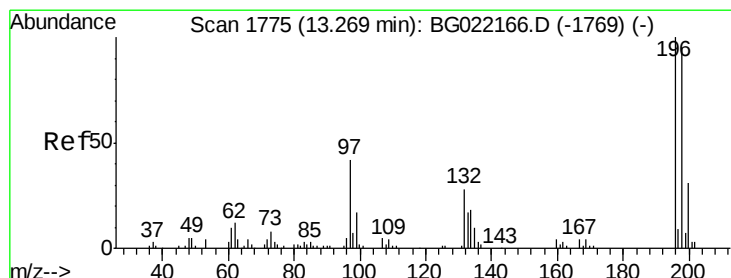
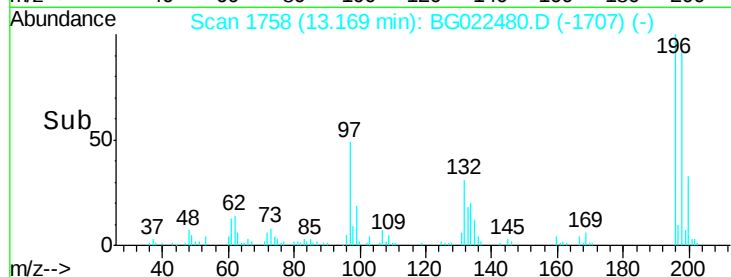
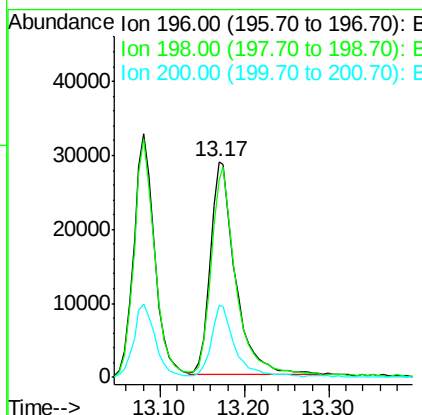
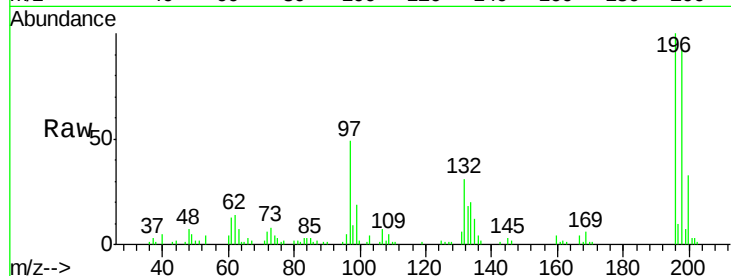




#42
 2,4,6-Trichlorophenol
 Concen: 458.63 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

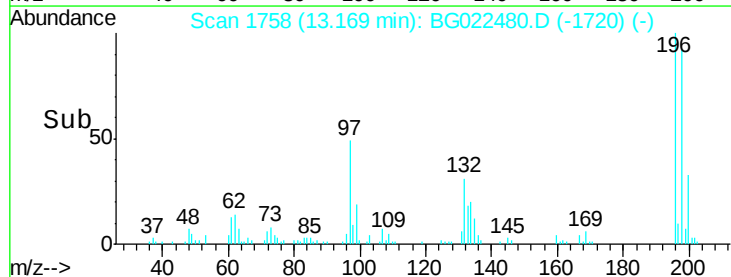
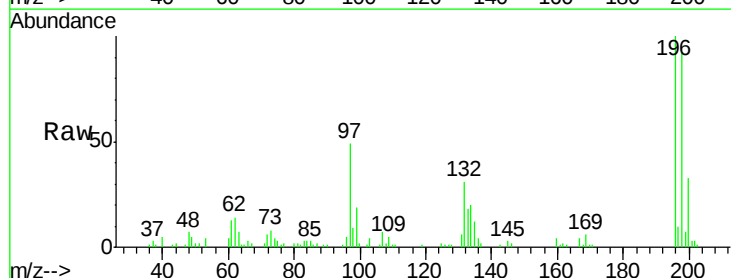
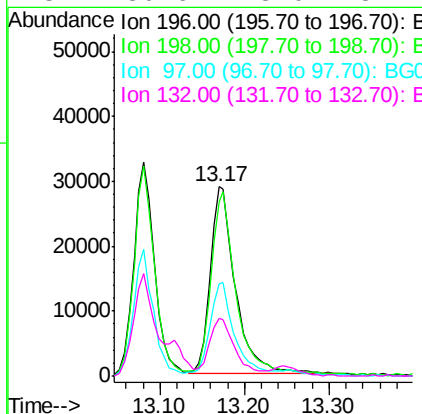
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

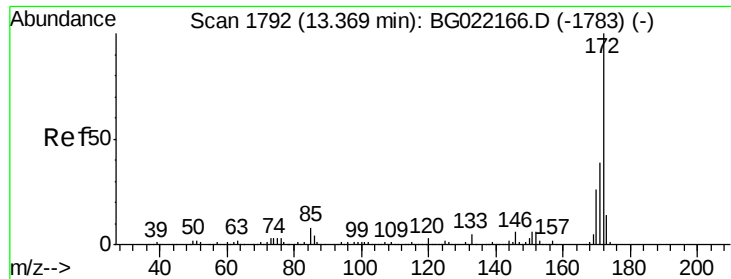
Tgt Ion:196 Resp: 60461
 Ion Ratio Lower Upper
 196 100
 198 91.9 80.1 120.1
 200 33.2 24.1 36.1



#43
 2,4,5-Trichlorophenol
 Concen: 415.12 ng
 RT: 13.17 min Scan# 1758
 Delta R.T. -0.07 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:196 Resp: 60461
 Ion Ratio Lower Upper
 196 100
 198 91.9 78.0 117.0
 97 48.9 43.0 64.6
 132 30.6 23.0 34.4

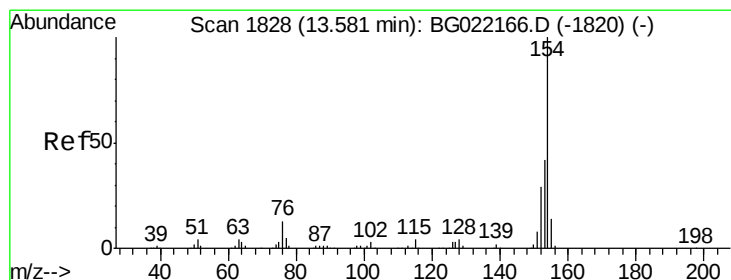
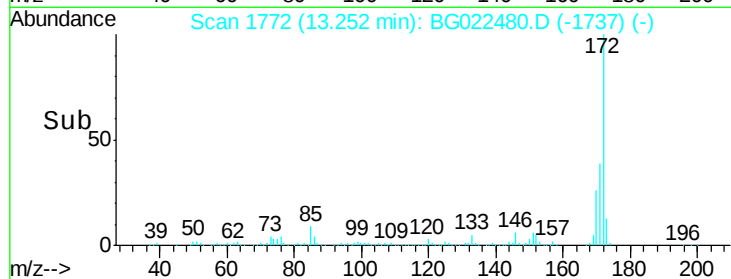
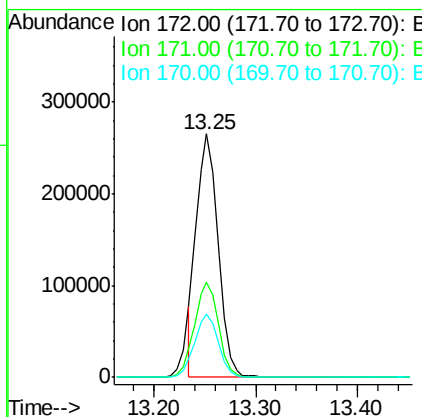
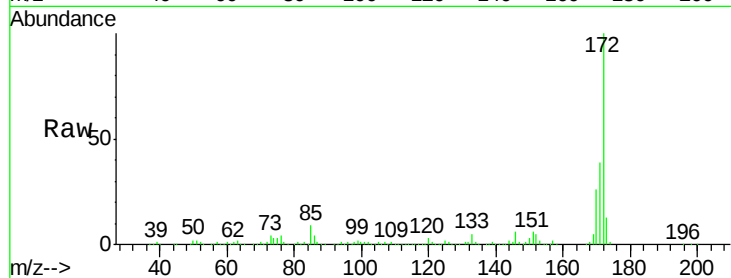




#44
2-Fluorobiphenyl
Concen: 777.25 ng
RT: 13.25 min Scan# 1772
Delta R.T. -0.09 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

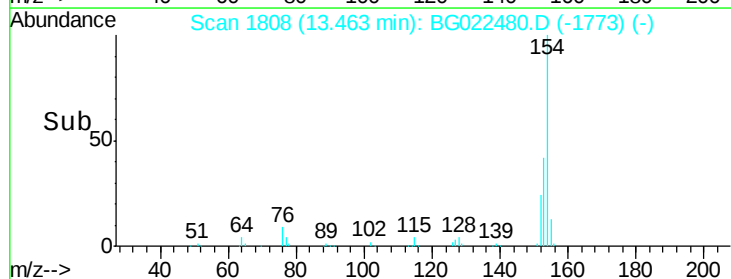
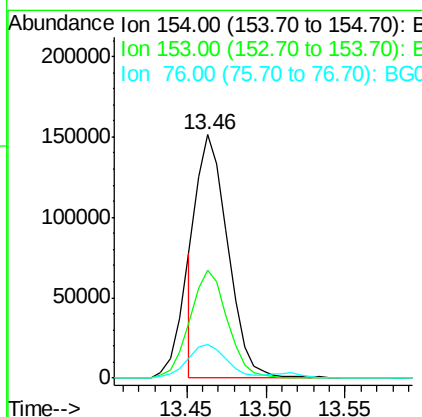
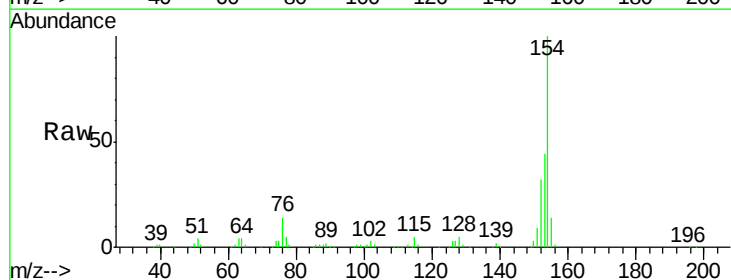
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

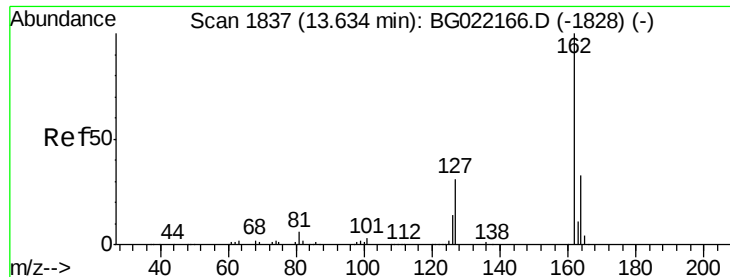
Tgt Ion:172 Resp: 389354
Ion Ratio Lower Upper
172 100
171 39.3 27.8 41.6
170 26.1 19.6 29.4



#45
1,1'-Biphenyl
Concen: 358.37 ng
RT: 13.46 min Scan# 1808
Delta R.T. -0.09 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion:154 Resp: 205891
Ion Ratio Lower Upper
154 100
153 44.1 19.7 59.7
76 14.1 0.0 33.0

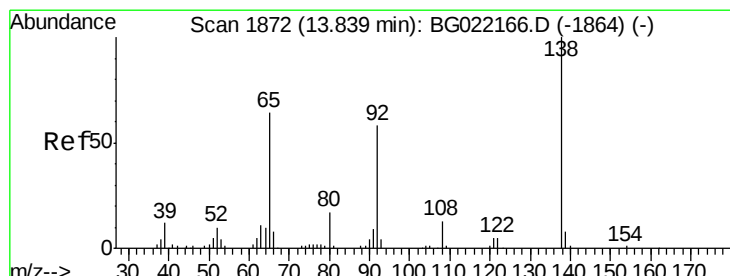
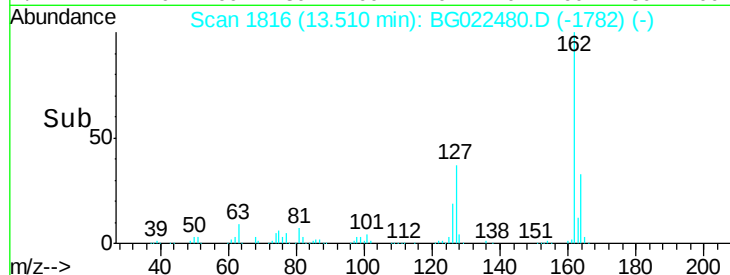
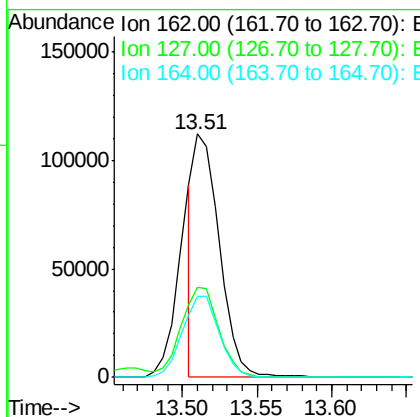
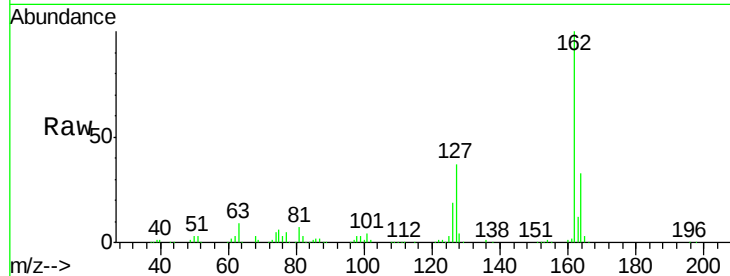




#46
 2-Chloronaphthalene
 Concen: 297.34 ng
 RT: 13.51 min Scan# 1816
 Delta R.T. -0.10 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

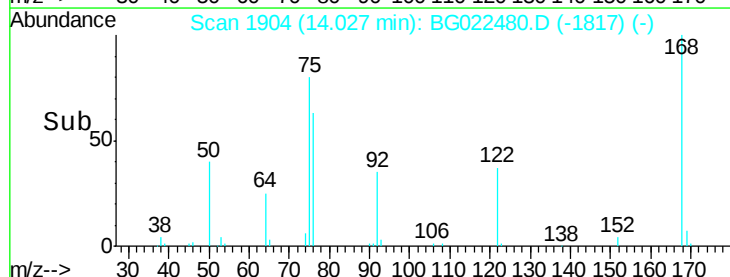
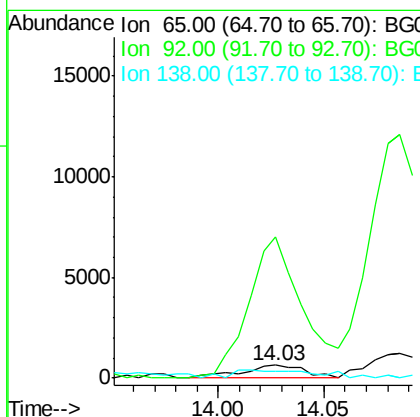
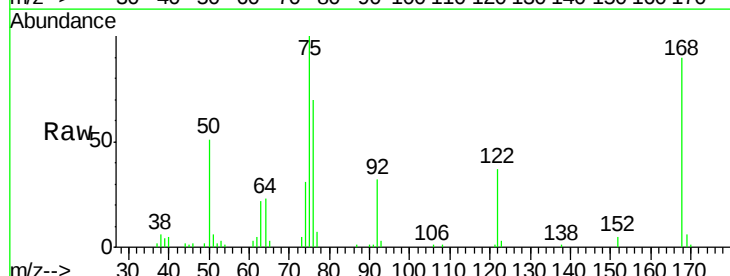
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

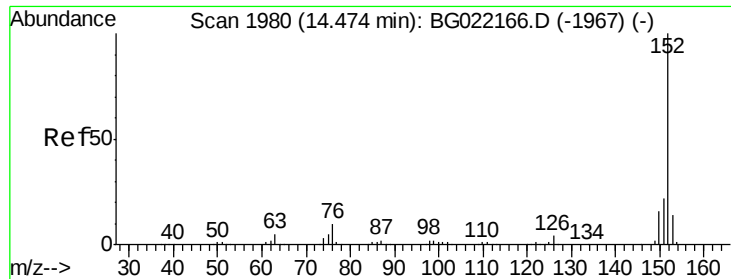
Tgt Ion: 162 Resp: 130949
 Ion Ratio Lower Upper
 162 100
 127 37.0 32.0 48.0
 164 33.3 27.0 40.4



#47
 2-Nitroaniline
 Concen: 13.22 ng
 RT: 14.03 min Scan# 1904
 Delta R.T. 0.21 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion: 65 Resp: 1388
 Ion Ratio Lower Upper
 65 100
 92 1102.2 49.2 73.8#
 138 49.8 75.0 112.6#





#48

Acenaphthylene

Concen: 157.49 ng

RT: 14.70 min Scan# 2018

Delta R.T. 0.25 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

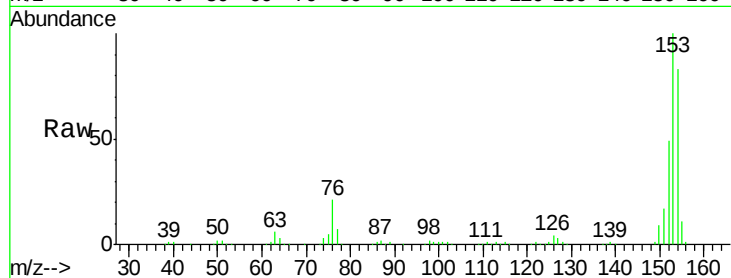
Tgt Ion:152 Resp: 121698

Ion Ratio Lower Upper

152 100

151 35.5 16.6 24.8#

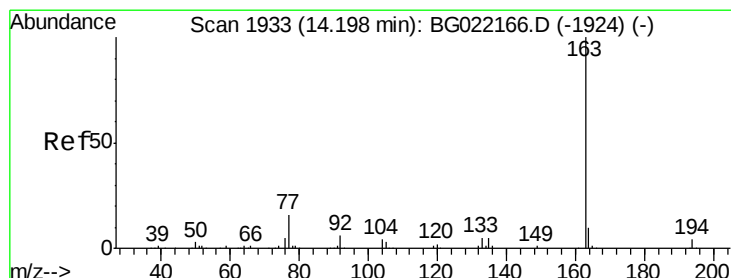
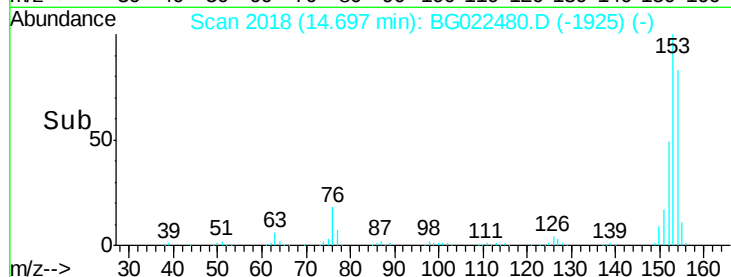
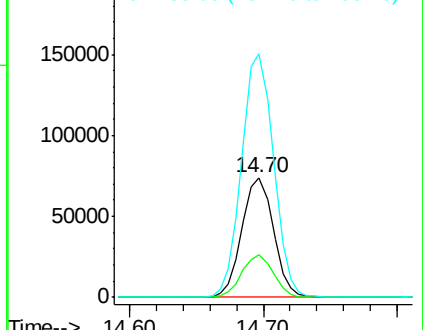
153 203.6 10.2 15.2#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 326.07 ng

RT: 14.09 min Scan# 1914

Delta R.T. -0.09 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

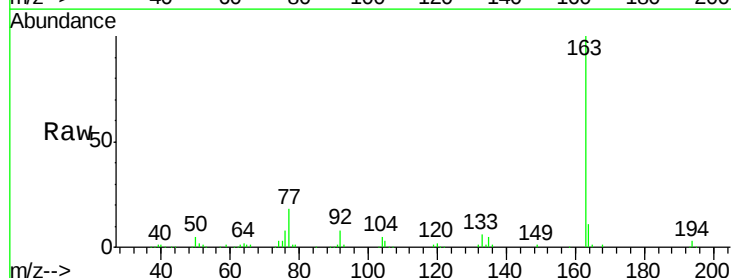
Tgt Ion:163 Resp: 206392

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.6

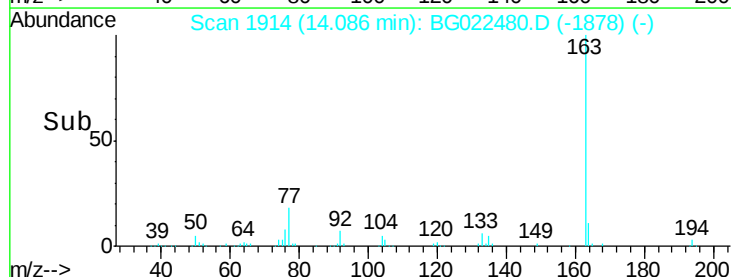
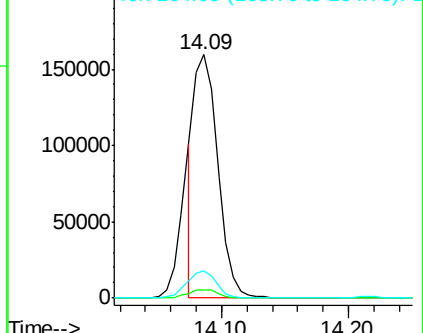
164 11.1 8.1 12.1

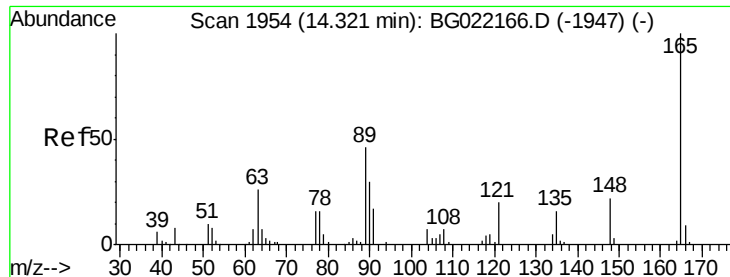


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

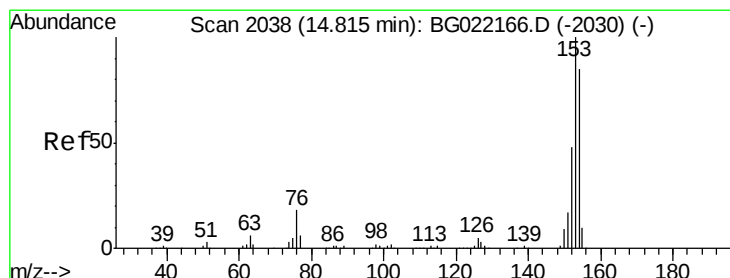
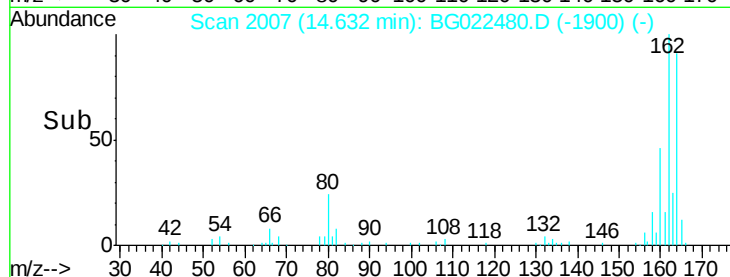
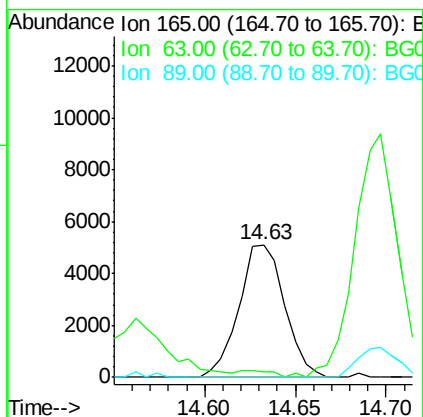
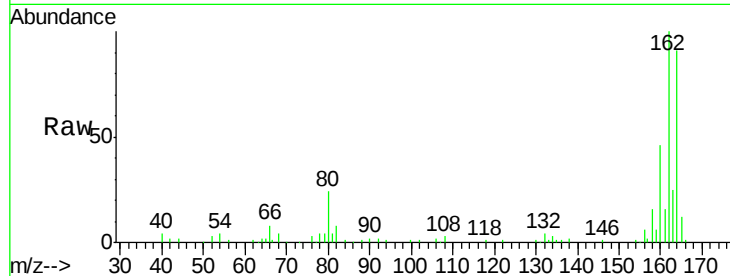




#50
2,6-Dinitrotoluene
Concen: 65.04 ng
RT: 14.63 min Scan# 2007
Delta R.T. 0.33 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

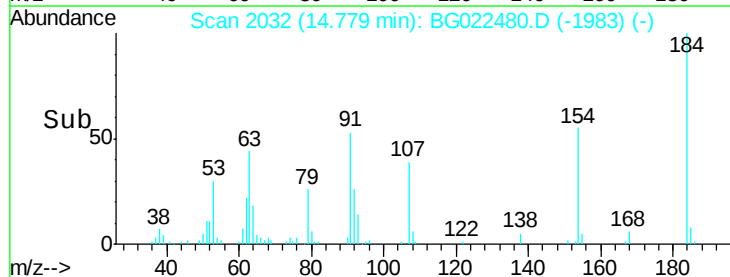
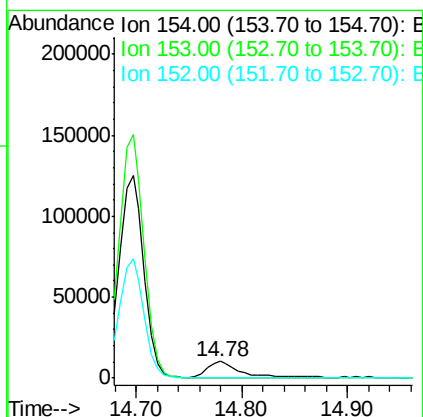
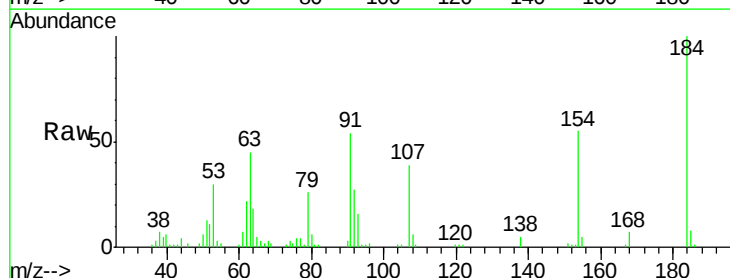
Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

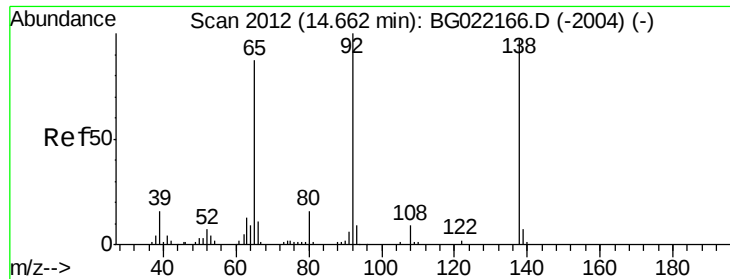
Tgt Ion:165 Resp: 8949
Ion Ratio Lower Upper
165 100
63 3.8 48.2 72.4#
89 0.0 45.3 67.9#



#51
Acenaphthene
Concen: 45.89 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion:154 Resp: 21247
Ion Ratio Lower Upper
154 100
153 2.7 91.9 137.9#
152 2.2 42.0 63.0#

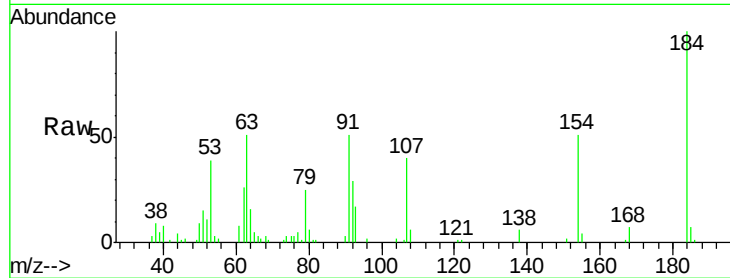




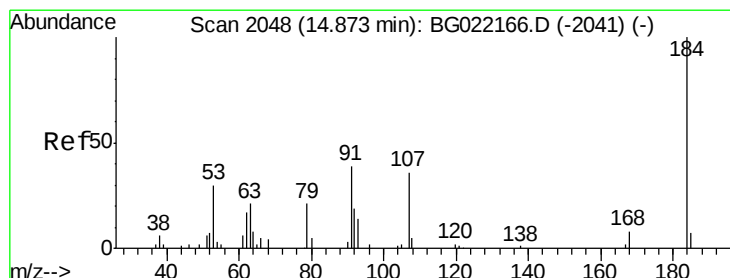
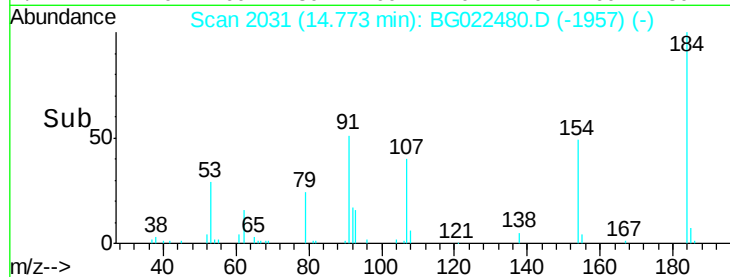
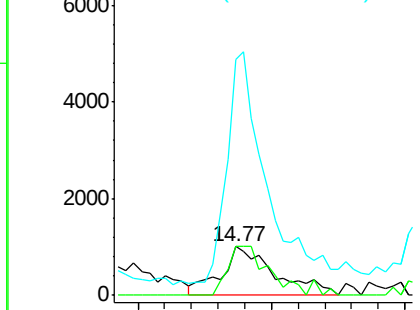
#52
3-Nitroaniline
Concen: 18.51 ng
RT: 14.77 min Scan# 2031
Delta R.T. 0.14 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Instrument :
BNA_G
ClientSampleId :
PM-STA-1363(0-4)MS

Tgt Ion:138 Resp: 2825
Ion Ratio Lower Upper
138 100
108 101.9 9.1 13.7#
92 486.4 102.6 154.0#

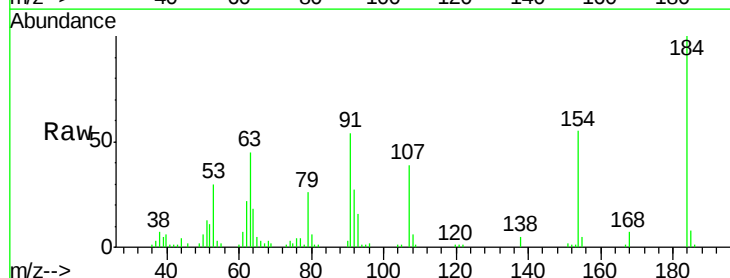


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

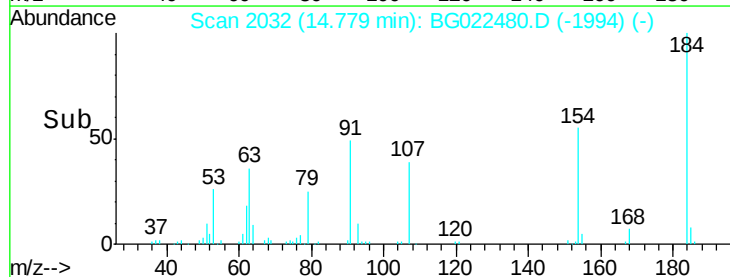
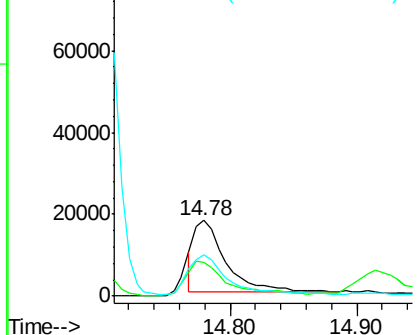


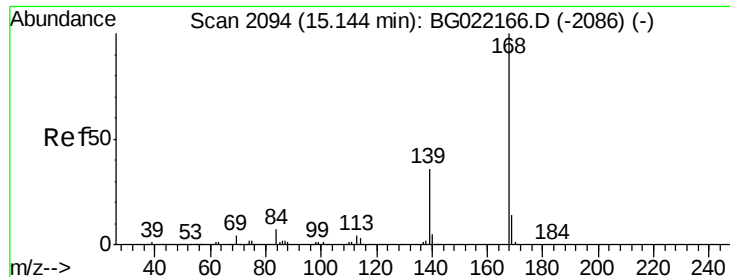
#53
2,4-Dinitrophenol
Concen: 464.00 ng
RT: 14.78 min Scan# 2032
Delta R.T. -0.07 min
Lab File: BG022480.D
Acq: 22 Jun 2016 00:14

Tgt Ion:184 Resp: 29484
Ion Ratio Lower Upper
184 100
63 45.0 57.3 85.9#
154 54.9 55.2 82.8#



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





#54

Dibenzofuran

Concen: 21.28 ng

RT: 15.27 min Scan# 2116

Delta R.T. 0.15 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

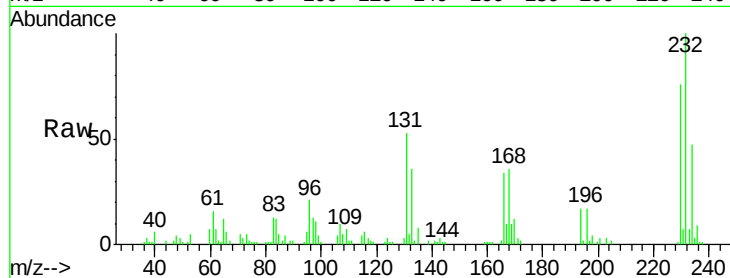
Tgt Ion:168 Resp: 15375

Ion Ratio Lower Upper

168 100

139 6.7 31.1 46.7#

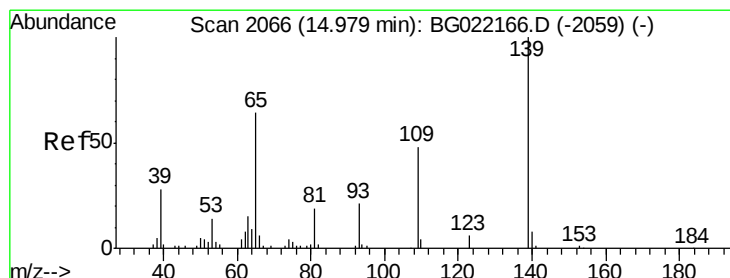
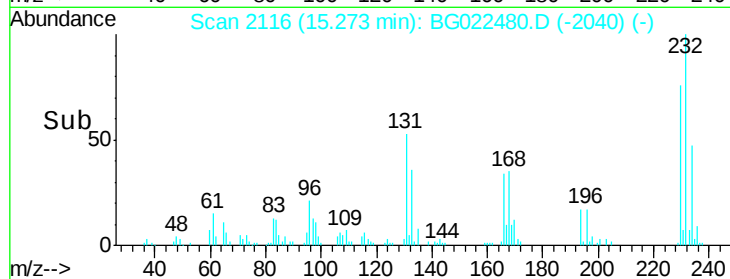
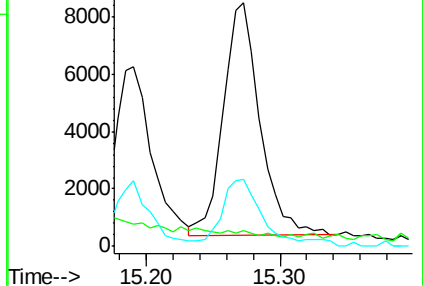
169 27.7 11.0 16.6#



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: 1154.87 ng

RT: 15.03 min Scan# 2075

Delta R.T. 0.07 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

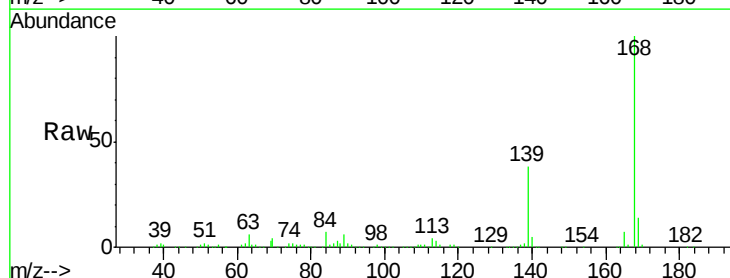
Tgt Ion:139 Resp: 121641

Ion Ratio Lower Upper

139 100

109 2.1 49.2 89.2#

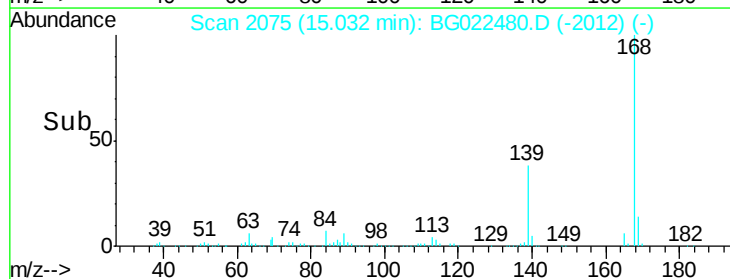
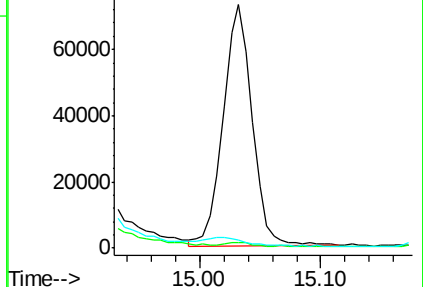
65 3.4 83.2 123.2#

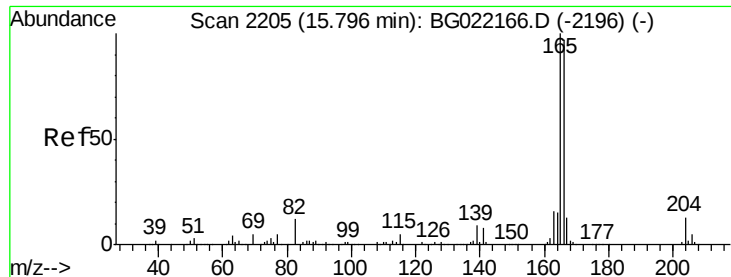


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

Fluorene

Concen: 26.12 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.11 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

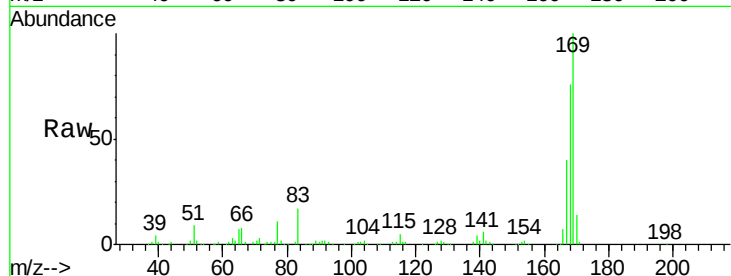
Tgt Ion:166 Resp: 16259

Ion Ratio Lower Upper

166 100

165 6.1 79.0 118.4#

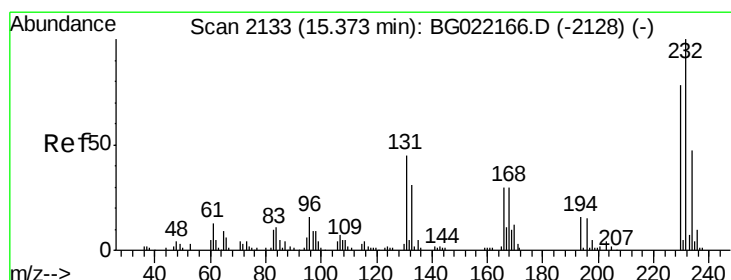
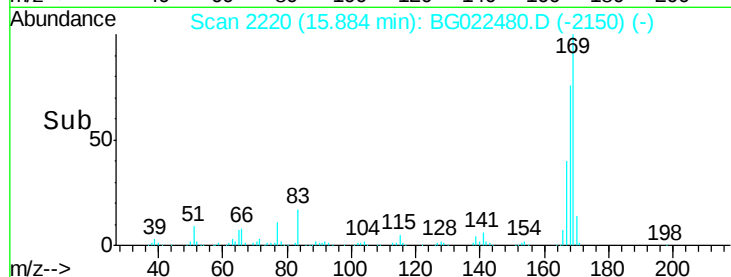
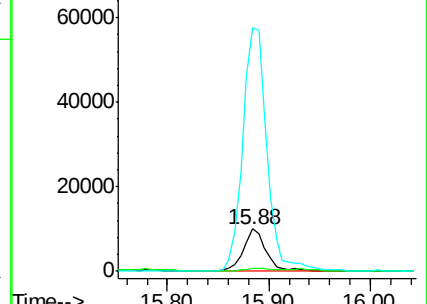
167 574.0 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 6.49 ng

RT: 15.51 min Scan# 2156

Delta R.T. 0.16 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Tgt Ion:232 Resp: 848

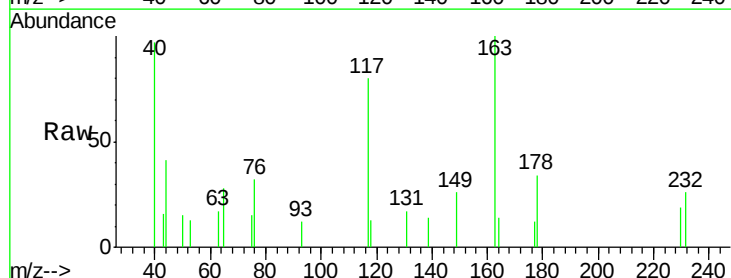
Ion Ratio Lower Upper

232 100

131 0.0 36.3 54.5#

130 0.0 1.9 2.9#

166 0.0 25.0 37.4#

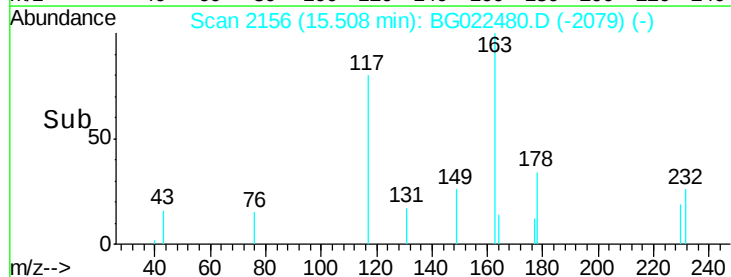
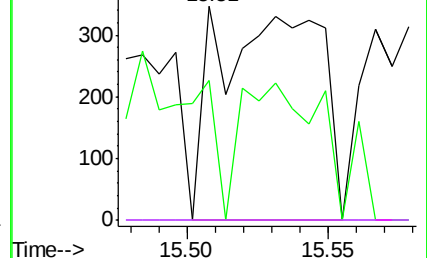


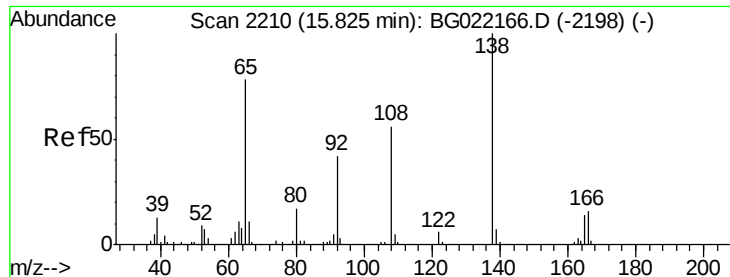
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#61

4-Nitroaniline

Concen: 7.07 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.08 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

Instrument :

BNA_G

ClientSampleId :

PM-STA-1363(0-4)MS

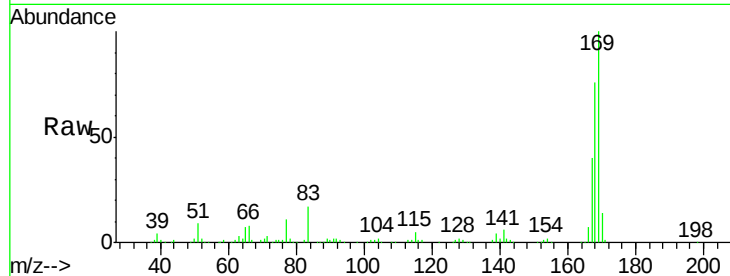
Tgt Ion:138 Resp: 1144

Ion Ratio Lower Upper

138 100

92 189.2 37.7 77.7#

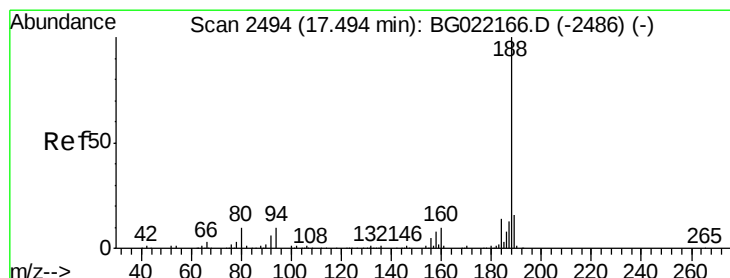
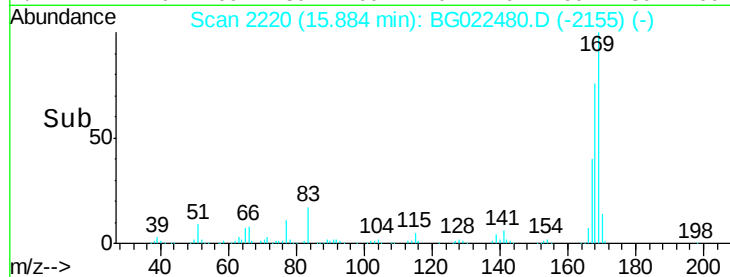
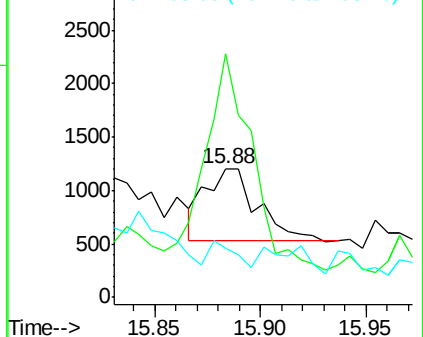
108 38.6 59.4 99.4#



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. 0.00 min

Lab File: BG022480.D

Acq: 22 Jun 2016 00:14

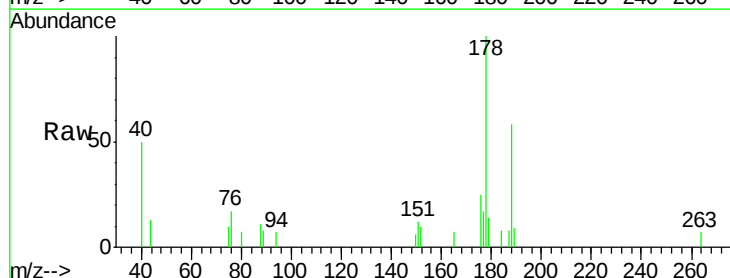
Tgt Ion:188 Resp: 2122

Ion Ratio Lower Upper

188 100

94 11.6 7.5 11.3#

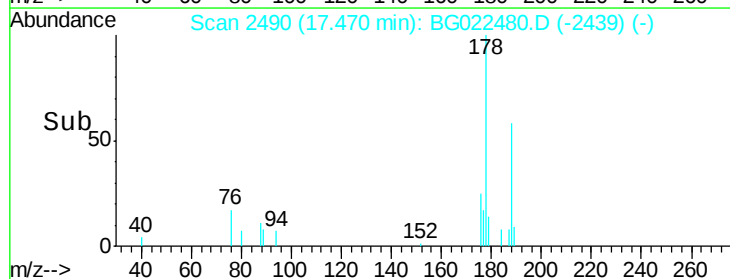
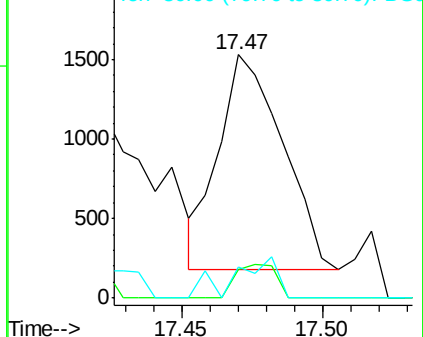
80 12.8 8.6 13.0

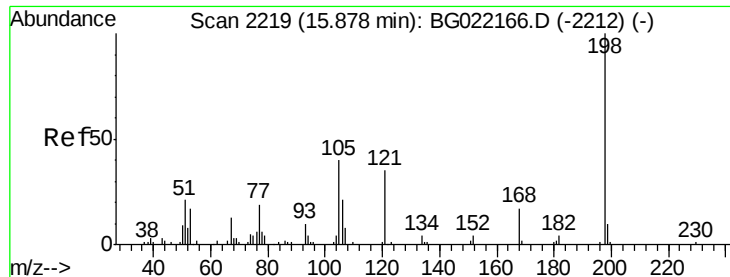


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

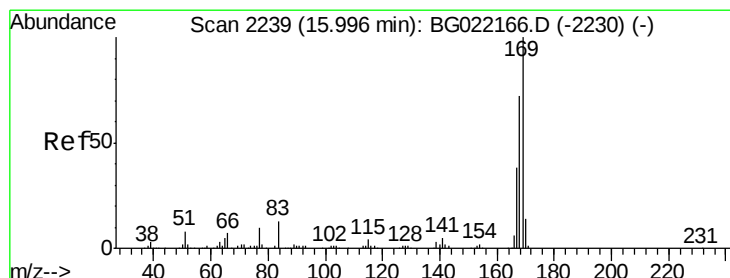
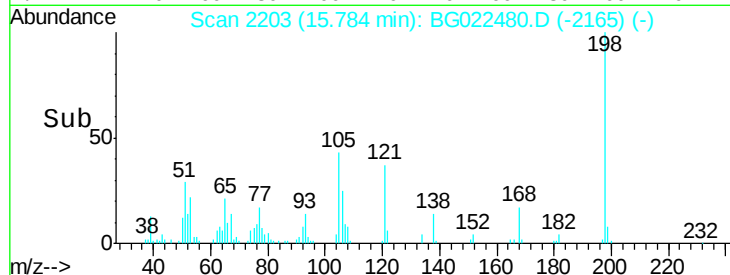
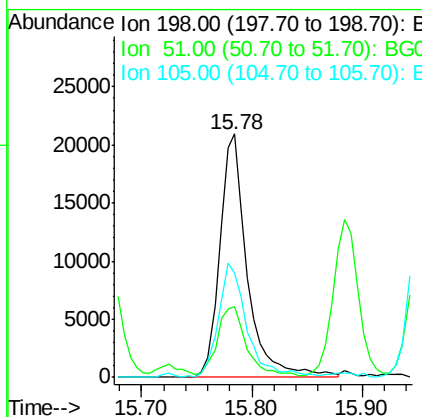
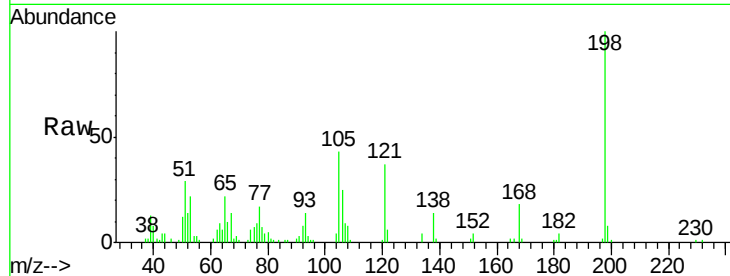




#64
 4,6-Dinitro-2-methylphenol
 Concen: 2992.32 ng
 RT: 15.78 min Scan# 2203
 Delta R.T. -0.07 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

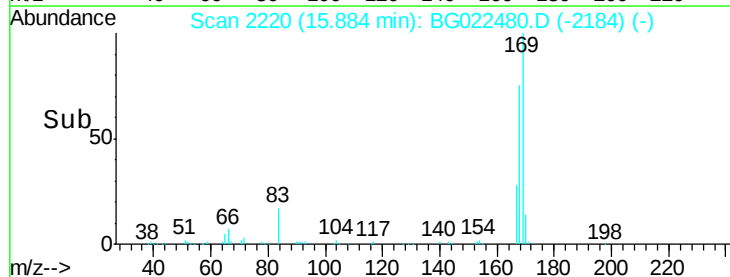
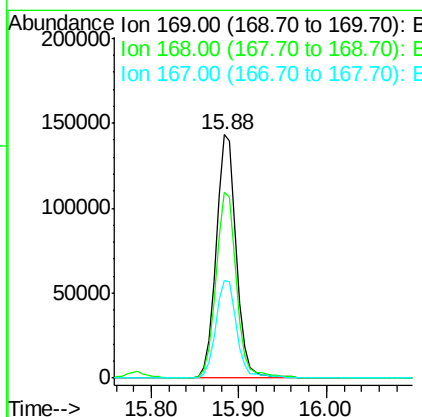
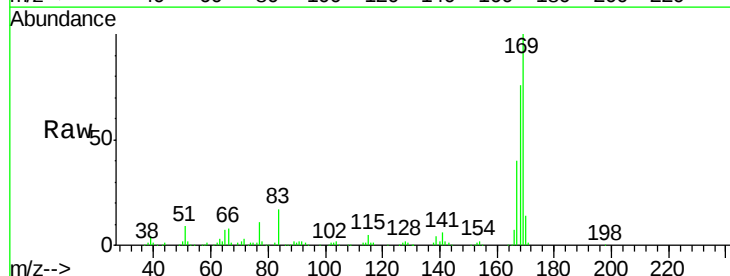
Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

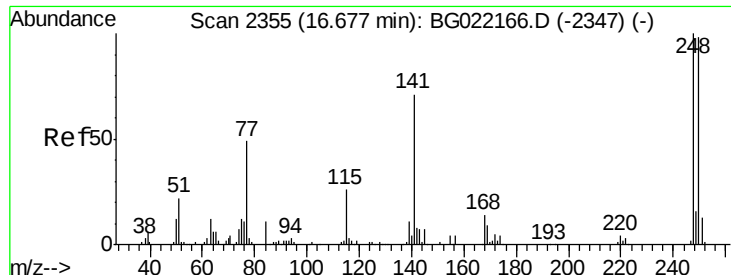
Tgt Ion:198 Resp: 36274
 Ion Ratio Lower Upper
 198 100
 51 29.0 29.2 69.2#
 105 42.9 24.0 64.0



#65
 n-Nitrosodiphenylamine
 Concen: 3750.19 ng
 RT: 15.88 min Scan# 2220
 Delta R.T. -0.09 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:169 Resp: 229242
 Ion Ratio Lower Upper
 169 100
 168 76.5 59.6 89.4
 167 40.2 31.2 46.8

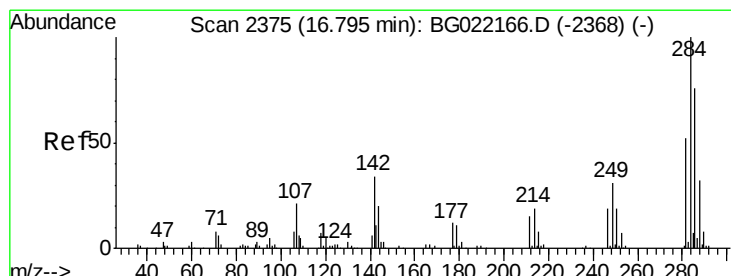
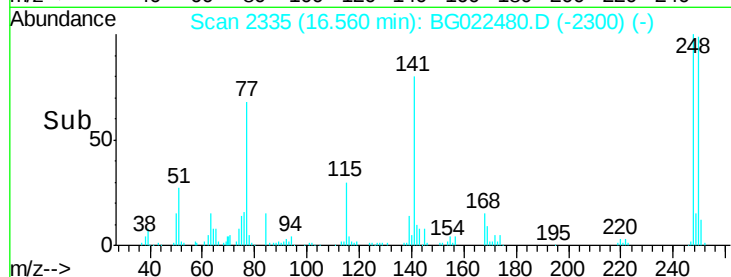
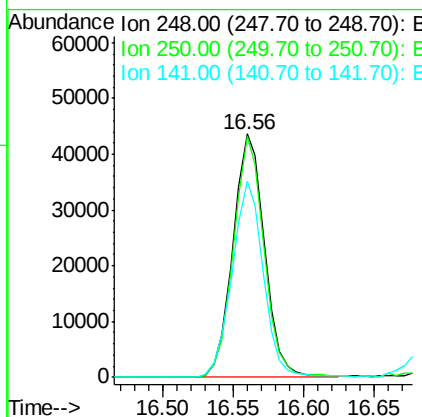
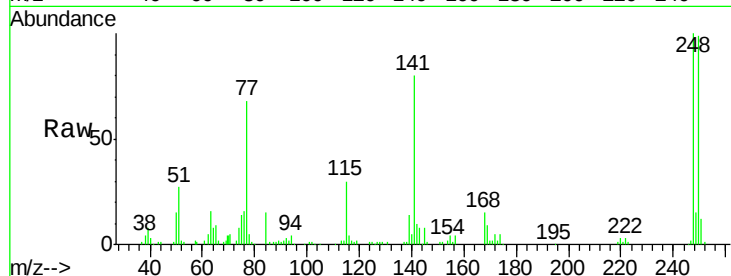




#66
 4-Bromophenyl-phenylether
 Concen: 3424.33 ng
 RT: 16.56 min Scan# 2335
 Delta R.T. -0.09 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Instrument :
 BNA_G
 ClientSampleId :
 PM-STA-1363(0-4)MS

Tgt Ion:248 Resp: 68087
 Ion Ratio Lower Upper
 248 100
 250 98.9 76.6 114.8
 141 80.4 63.8 95.6



#67
 Hexachlorobenzene
 Concen: 3016.36 ng
 RT: 16.68 min Scan# 2356
 Delta R.T. -0.09 min
 Lab File: BG022480.D
 Acq: 22 Jun 2016 00:14

Tgt Ion:284 Resp: 69901
 Ion Ratio Lower Upper
 284 100
 142 41.6 31.8 47.6
 249 35.0 27.3 40.9

