

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
 Data File : BG020129.D
 Acq On : 12 Dec 2015 5:53
 Operator : UM/SJ
 Sample : G4755-05MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Quant Time: Dec 14 00:56:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18960	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	82901	20.00	ng	-0.03
38) Acenaphthene-d10	14.73	164	60941	20.00	ng	-0.03
63) Phenanthrene-d10	17.47	188	160766	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	185052	20.00	ng	-0.05
86) Perylene-d12	25.01	264	171292	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	123721	117.94	ng	-0.02
7) Phenol-d6	7.25	99	184301	116.36	ng	-0.02
23) Nitrobenzene-d5	9.27	82	120126	73.95	ng	-0.03
41) 2,4,6-Tribromophenol	16.22	330	104155	111.70	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	277104	62.09	ng	-0.03
78) Terphenyl-d14	20.07	244	501774	66.14	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	12460	30.49	ng	# 100
3) Pyridine	3.91	79	36098	29.08	ng	92
4) n-Nitrosodimethylamine	3.83	42	21365	32.73	ng	85
6) Aniline	7.42	93	53439	26.05	ng	# 85
8) 2-Chlorophenol	7.66	128	49061	38.35	ng	98
9) Benzaldehyde	7.23	77	28222	26.72	ng	95
10) Phenol	7.28	94	68127	40.87	ng	81
11) bis(2-Chloroethyl)ether	7.52	93	44639	36.16	ng	94
12) 1,3-Dichlorobenzene	7.99	146	49576	34.19	ng	# 93
13) 1,4-Dichlorobenzene	8.13	146	49704	33.19	ng	92
14) 1,2-Dichlorobenzene	8.46	146	49206	34.45	ng	94
15) Benzyl Alcohol	8.34	79	51726	37.22	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	64614	32.09	ng	94
17) 2-Methylphenol	8.54	107	45439	38.61	ng	# 90
18) Hexachloroethane	9.19	117	18143	32.36	ng	90
19) n-Nitroso-di-n-propylamine	8.90	70	42082	33.69	ng	93
20) 3+4-Methylphenols	8.87	107	63896	38.56	ng	93
22) Acetophenone	8.93	105	76858	33.82	ng	# 94
24) Nitrobenzene	9.31	77	62462	35.45	ng	90
25) Isophorone	9.83	82	116893	33.57	ng	# 97
26) 2-Nitrophenol	10.02	139	27560	40.50	ng	# 76
27) 2,4-Dimethylphenol	10.08	122	52881	37.32	ng	93
28) bis(2-Chloroethoxy)methane	10.31	93	63581	37.36	ng	98
29) 2,4-Dichlorophenol	10.56	162	57689	39.85	ng	96
30) 1,2,4-Trichlorobenzene	10.78	180	55635	34.00	ng	98
31) Naphthalene	10.96	128	154444	34.78	ng	99
32) Benzoic acid	10.08	122	52881	54.45	ng	# 17
33) 4-Chloroaniline	11.07	127	40054	20.47	ng	94
34) Hexachlorobutadiene	11.25	225	39391	32.64	ng	97
35) Caprolactam	11.83	113	12489	23.17	ng	# 78
36) 4-Chloro-3-methylphenol	12.19	107	67835	37.62	ng	94
37) 2-Methylnaphthalene	12.56	142	117040	35.96	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.93	216	75886	32.81	ng	99
40) Hexachlorocyclopentadiene	12.91	237	95190	72.19	ng	99

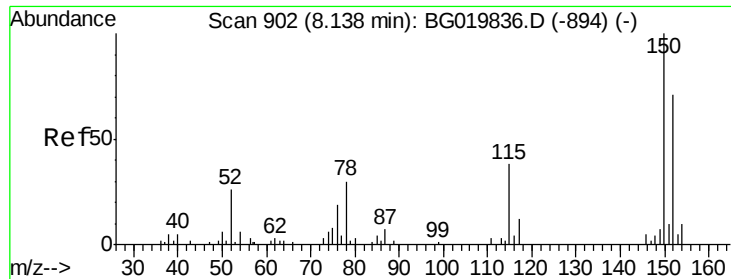
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Quant Time: Dec 14 00:56:34 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	55633	36.34	ng	99
43) 2,4,5-Trichlorophenol	13.24	196	61433	37.96	ng	97
45) 1,1'-Biphenyl	13.57	154	161230	32.24	ng	98
46) 2-Chloronaphthalene	13.61	162	127550	33.09	ng	95
47) 2-Nitroaniline	13.81	65	47530	39.04	ng	90
48) Acenaphthylene	14.45	152	218515	33.28	ng	98
49) Dimethylphthalate	14.18	163	244252	44.56	ng	98
50) 2,6-Dinitrotoluene	14.30	165	40111	38.92	ng	# 83
51) Acenaphthene	14.79	154	127953	32.11	ng	99
52) 3-Nitroaniline	14.63	138	32215	30.09	ng	89
53) 2,4-Dinitrophenol	14.83	184	29989	57.61	ng	88
54) Dibenzofuran	15.12	168	219333	37.00	ng	93
55) 4-Nitrophenol	14.93	139	70946	76.08	ng	# 65
56) 2,4-Dinitrotoluene	15.08	165	59871	41.64	ng	# 93
57) Fluorene	15.78	166	177647	33.48	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.35	232	62600	41.80	ng	95
59) Diethylphthalate	15.54	149	198074	33.39	ng	97
60) 4-Chlorophenyl-phenylether	15.76	204	98344	32.28	ng	99
61) 4-Nitroaniline	15.79	138	45554	37.83	ng	# 77
62) Azobenzene	16.05	77	171905	34.82	ng	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	35728	40.63	ng	95
65) n-Nitrosodiphenylamine	15.98	169	165287	35.53	ng	95
66) 4-Bromophenyl-phenylether	16.66	248	67320	33.70	ng	95
67) Hexachlorobenzene	16.77	284	72021	34.61	ng	95
68) Atrazine	16.92	200	72572	35.90	ng	97
69) Pentachlorophenol	17.12	266	91710	75.51	ng	92
70) Phenanthrene	17.52	178	316490	34.79	ng	97
71) Anthracene	17.60	178	322142	34.77	ng	96
72) Carbazole	17.87	167	289854	35.51	ng	98
73) Di-n-butylphthalate	18.42	149	331525	33.14	ng	99
74) Fluoranthene	19.52	202	397768	34.19	ng	92
76) Benzidine	19.69	184	155122	25.52	ng	96
77) Pyrene	19.88	202	406077	37.30	ng	95
79) Butylbenzylphthalate	20.75	149	143575	33.65	ng	97
80) Benzo(a)anthracene	21.72	228	391571	34.57	ng	98
81) 3,3'-Dichlorobenzidine	21.63	252	77418	17.95	ng	# 96
82) Chrysene	21.79	228	349060	32.46	ng	94
83) Bis(2-ethylhexyl)phthalate	21.62	149	206552	32.98	ng	95
84) Di-n-octyl phthalate	22.84	149	358568	35.22	ng	97
85) Indeno(1,2,3-cd)pyrene	28.74	276	432180	36.48	ng	# 100
87) Benzo(b)fluoranthene	23.97	252	378590	34.87	ng	# 94
88) Benzo(k)fluoranthene	24.04	252	363884	33.84	ng	# 95
89) Benzo(a)pyrene	24.85	252	360089	34.94	ng	# 94
90) Dibenzo(a,h)anthracene	28.80	278	359541	35.31	ng	# 92
91) Benzo(g,h,i)perylene	29.90	276	350605	35.06	ng	# 90

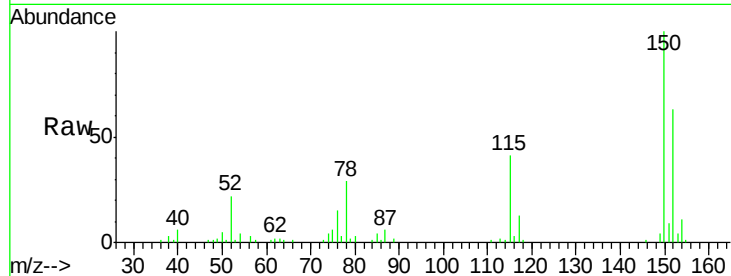
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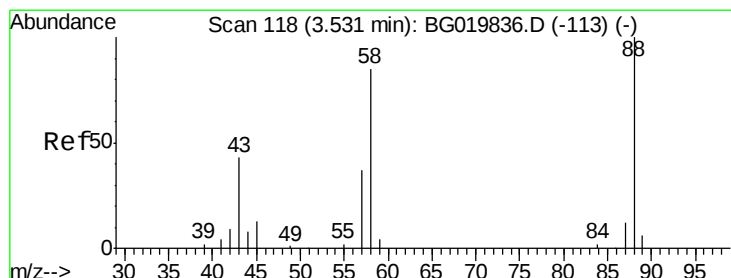
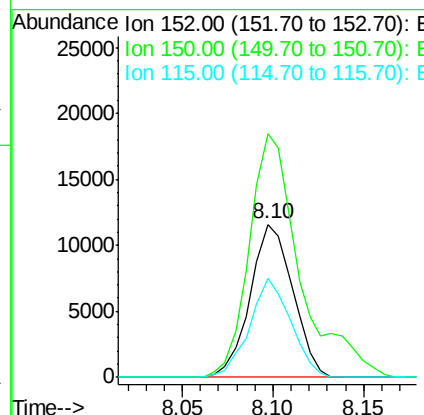
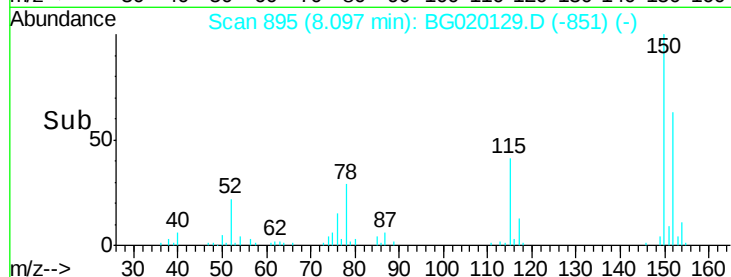
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.10 min Scan# 895
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion: 152 Resp: 18960
 Ion Ratio Lower Upper
 152 100
 150 158.8 115.0 172.4
 115 64.4 43.9 65.9

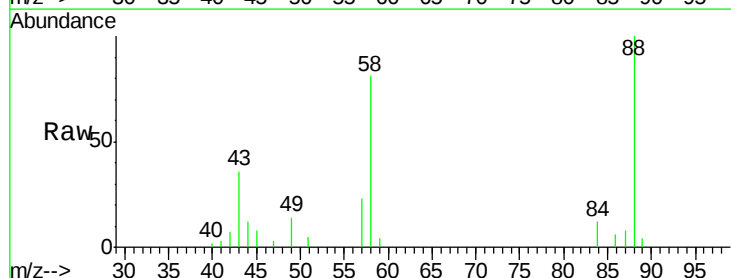


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

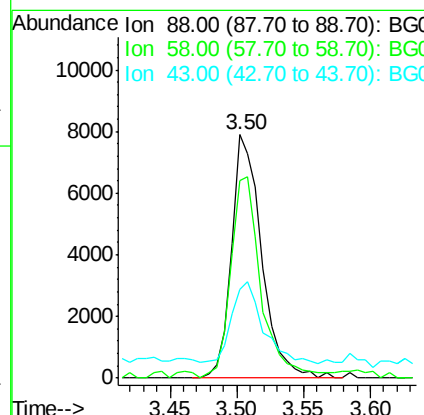
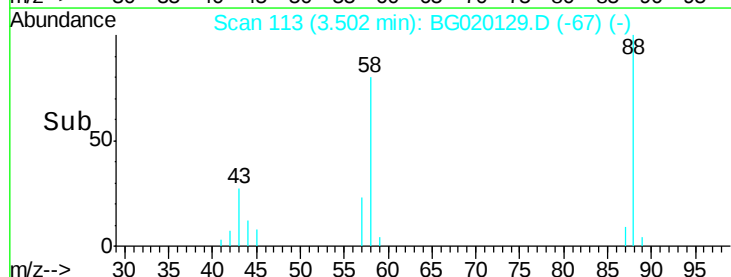


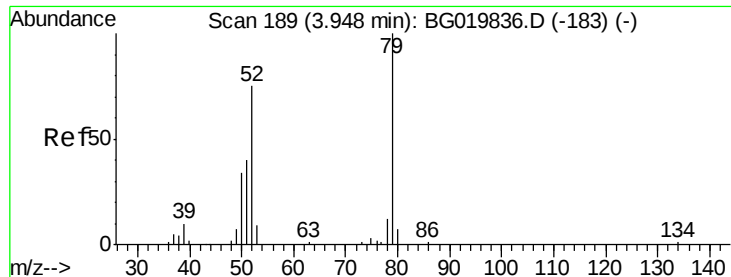
#2
 1,4-Dioxane
 Concen: 30.49 ng
 RT: 3.50 min Scan# 113
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion: 88 Resp: 12460
 Ion Ratio Lower Upper
 88 100
 58 84.2 0.0 0.0#
 43 34.5 0.0 0.0#



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: 29.08 ng

RT: 3.91 min Scan# 183

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

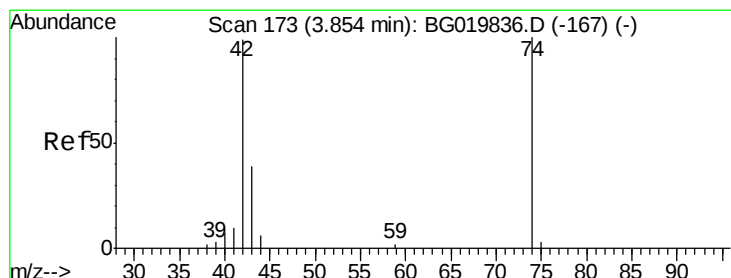
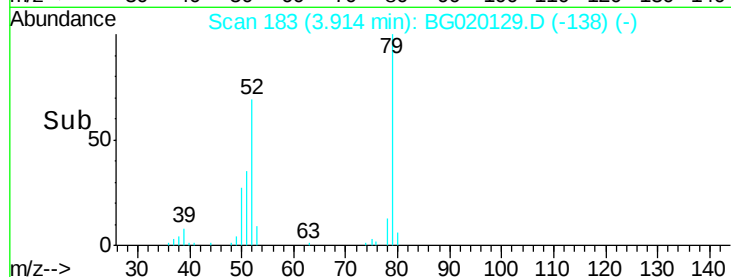
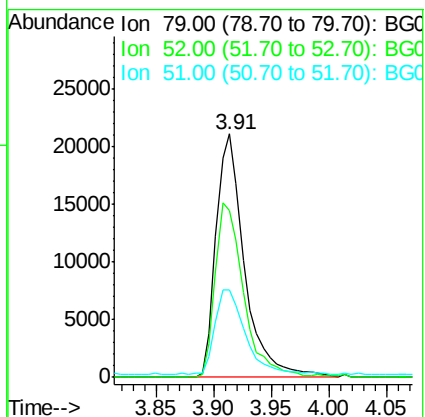
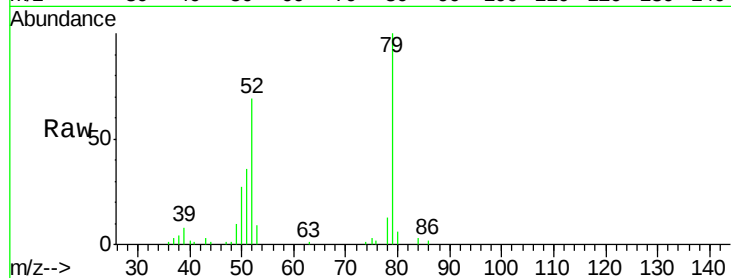
Tgt Ion: 79 Resp: 36098

Ion Ratio Lower Upper

79 100

52 68.6 50.3 75.5

51 35.8 24.8 37.2



#4

n-Nitrosodimethylamine

Concen: 32.73 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

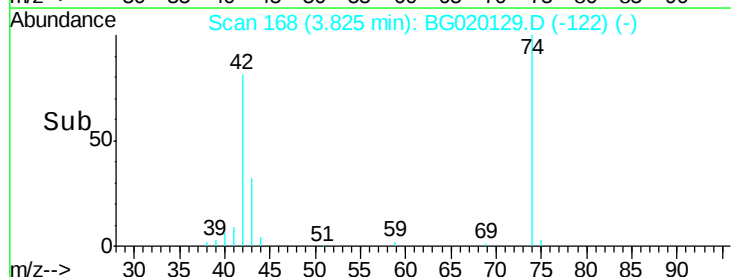
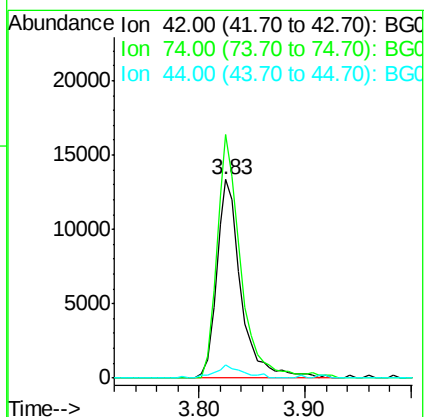
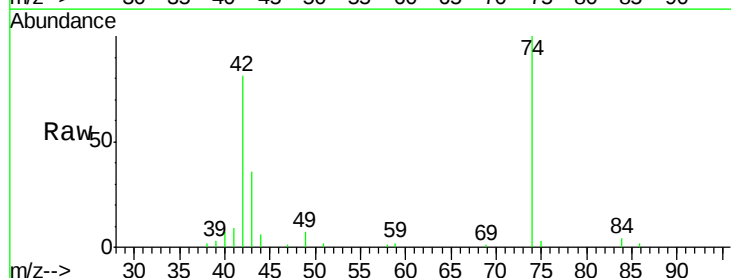
Tgt Ion: 42 Resp: 21365

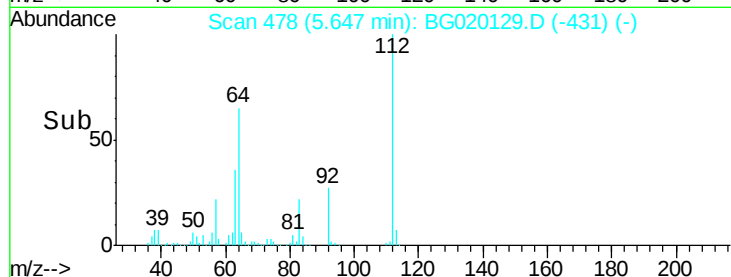
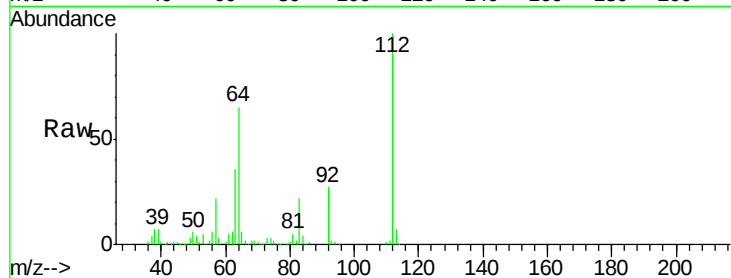
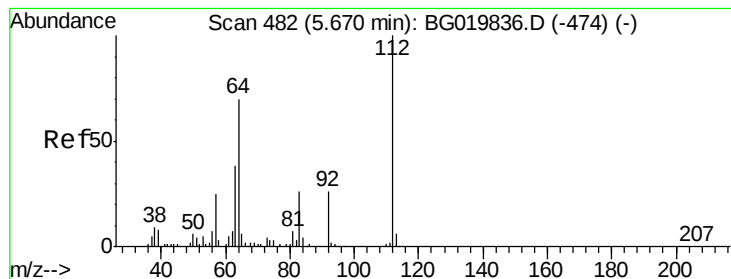
Ion Ratio Lower Upper

42 100

74 122.8 113.9 170.9

44 6.9 5.7 8.5





#5

2-Fluorophenol

Concen: 117.94 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

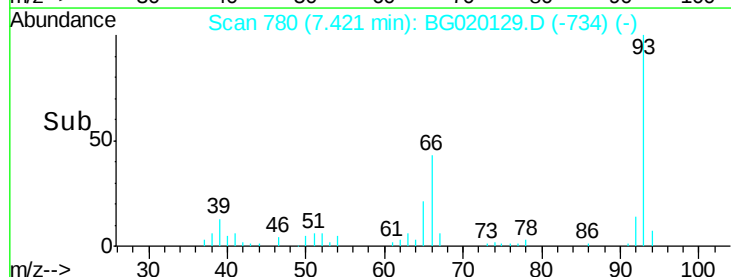
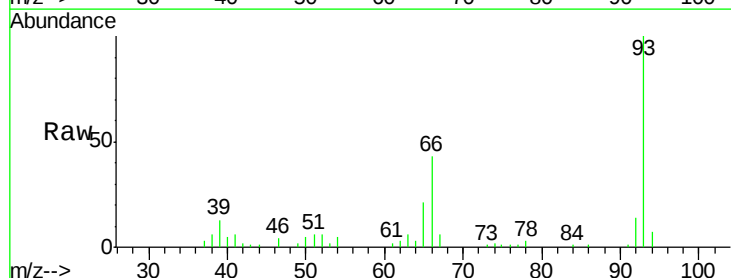
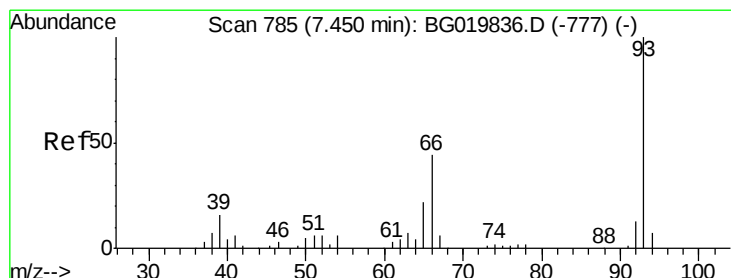
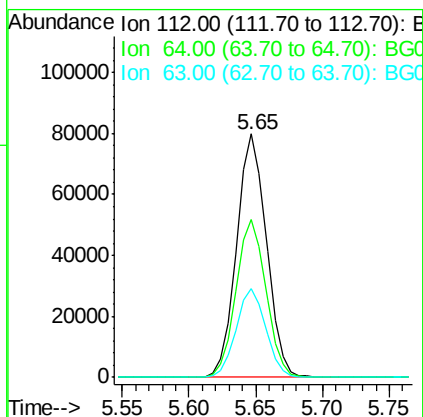
Tgt Ion: 112 Resp: 123721

Ion Ratio Lower Upper

112 100

64 64.9 43.7 65.5

63 36.2 24.0 36.0#



#6

Aniline

Concen: 26.05 ng

RT: 7.42 min Scan# 780

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

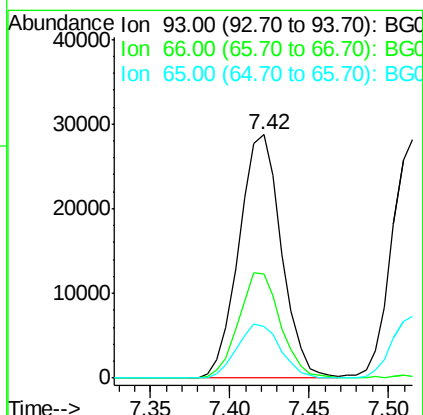
Tgt Ion: 93 Resp: 53439

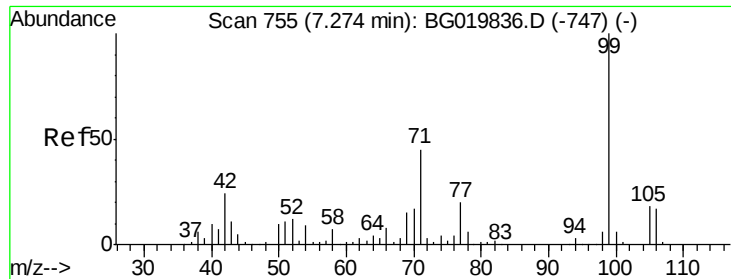
Ion Ratio Lower Upper

93 100

66 42.6 26.2 39.2#

65 21.3 14.0 21.0#





#7

Phenol-d6

Concen: 116.36 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

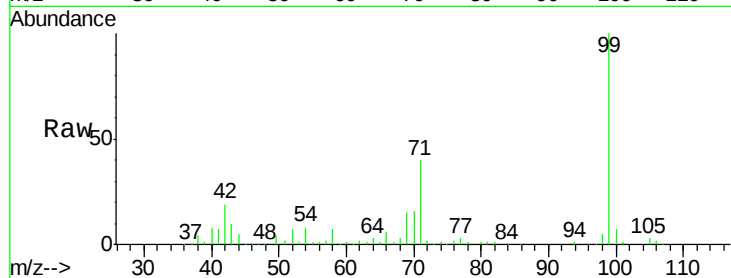
Tgt Ion: 99 Resp: 184301

Ion Ratio Lower Upper

99 100

42 18.8 11.5 17.3#

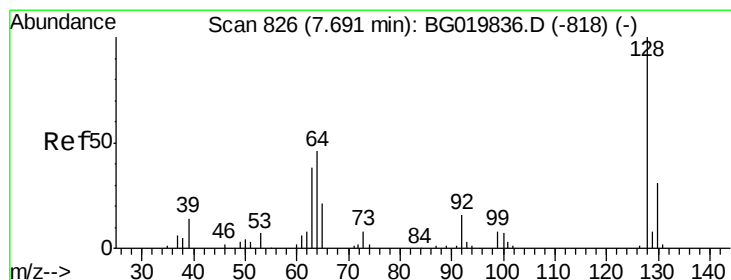
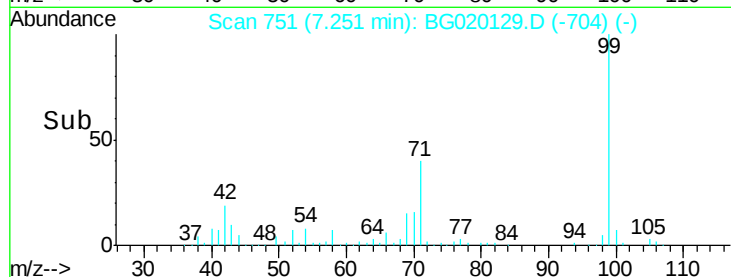
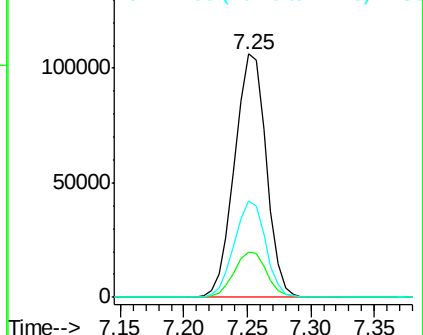
71 39.7 22.6 34.0#



Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.35 ng

RT: 7.66 min Scan# 821

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

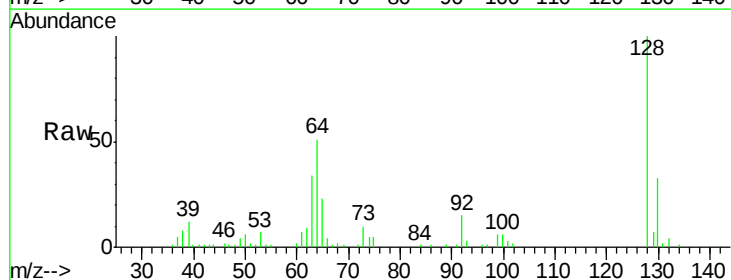
Tgt Ion: 128 Resp: 49061

Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

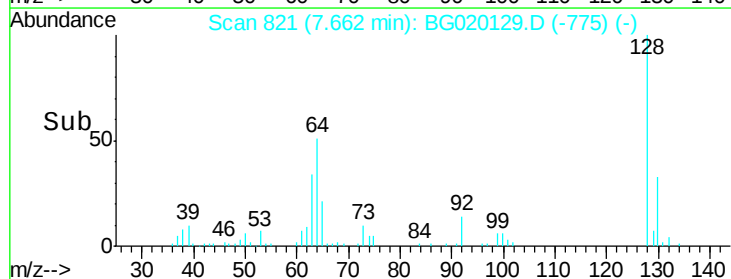
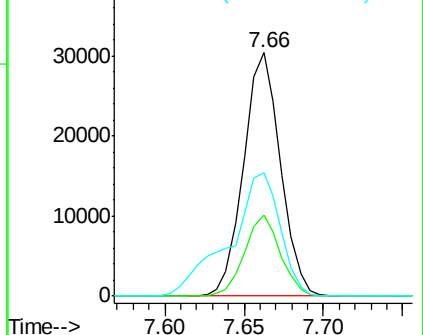
64 50.9 28.2 68.2

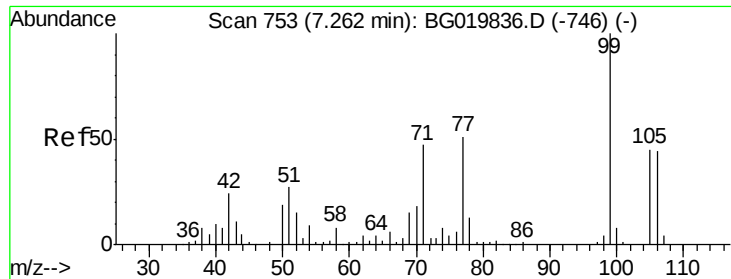


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 26.72 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

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ClientSampleId :

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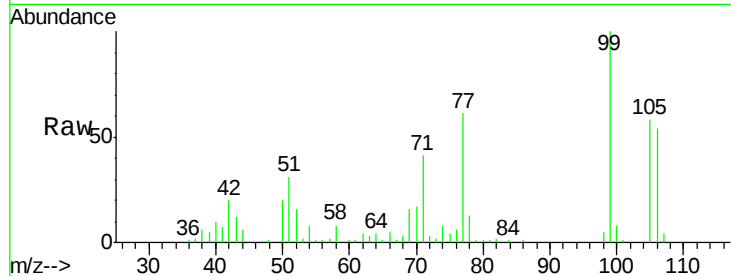
Tgt Ion: 77 Resp: 28222

Ion Ratio Lower Upper

77 100

105 95.5 77.7 117.7

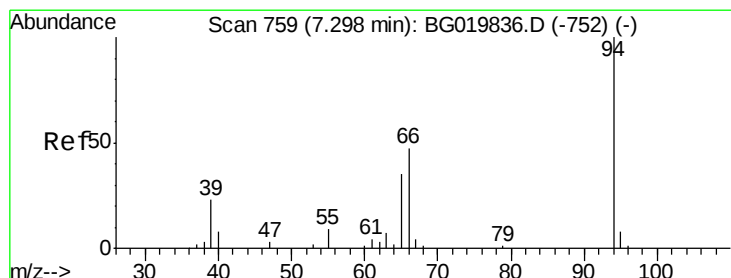
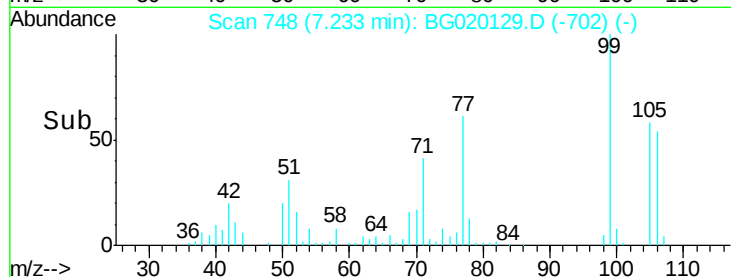
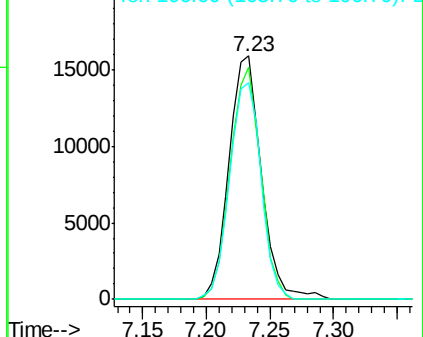
106 88.8 75.8 115.8



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.87 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

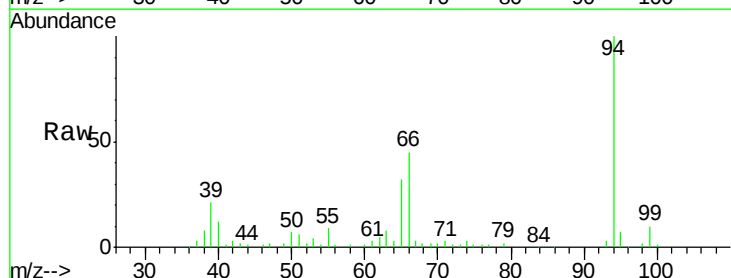
Tgt Ion: 94 Resp: 68127

Ion Ratio Lower Upper

94 100

65 32.5 5.4 45.4

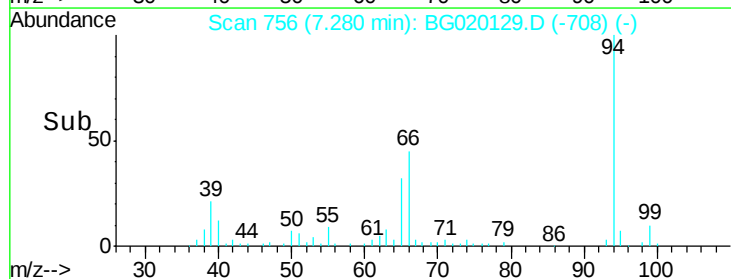
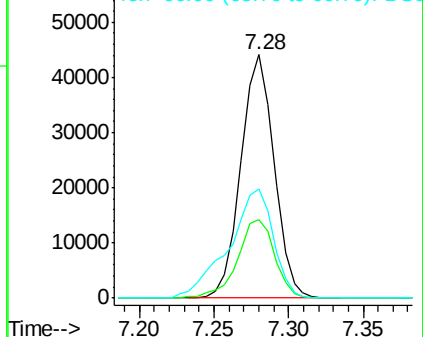
66 44.8 11.8 51.8

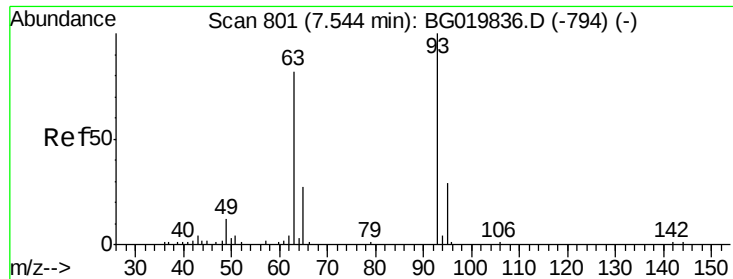


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

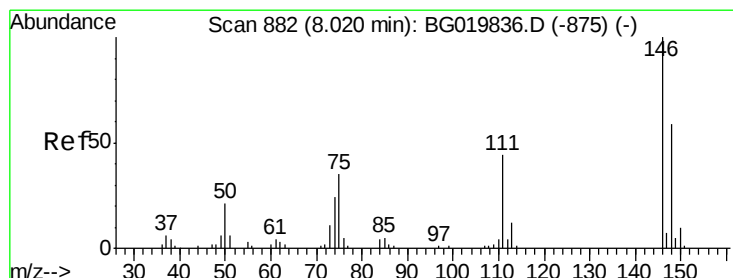
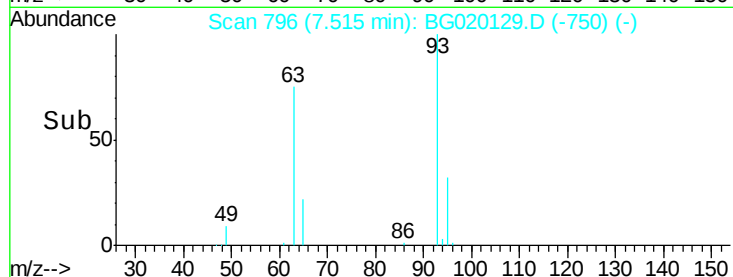
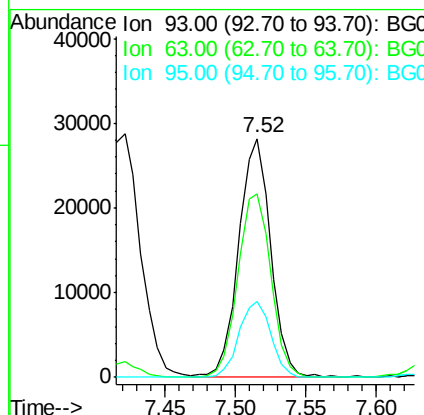
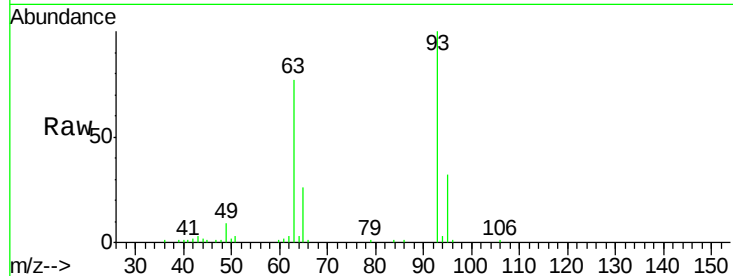




#11
bis(2-Chloroethyl)ether
Concen: 36.16 ng
RT: 7.52 min Scan# 796
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

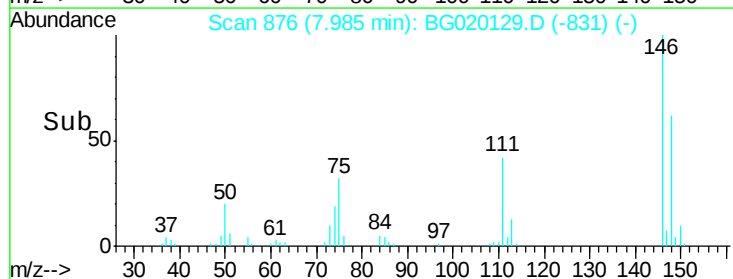
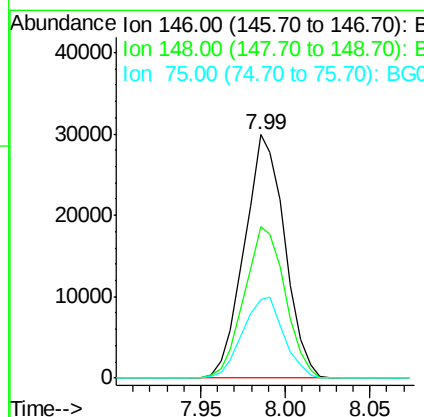
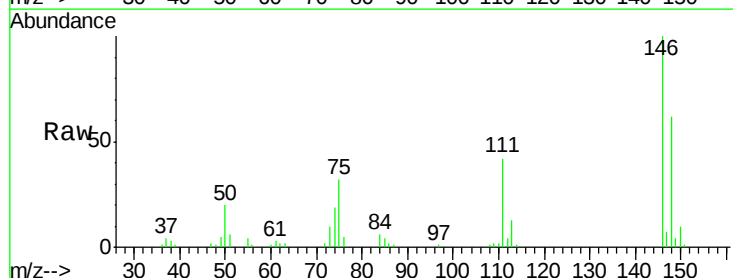
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

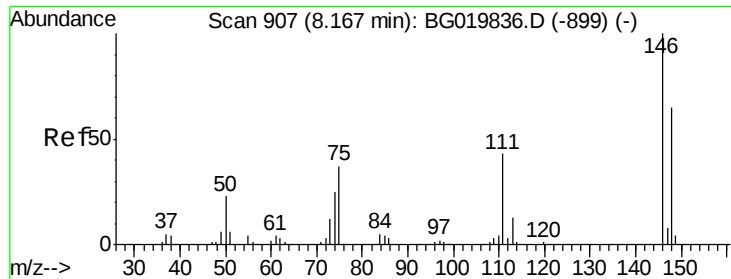
Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.9	50.5	90.5
95	31.6	12.2	52.2



#12
1,3-Dichlorobenzene
Concen: 34.19 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.2	53.4	80.0
75	32.2	21.1	31.7

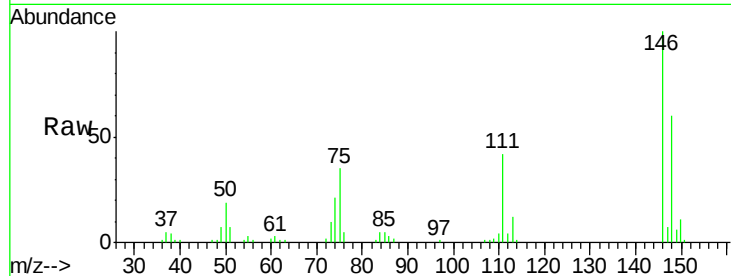




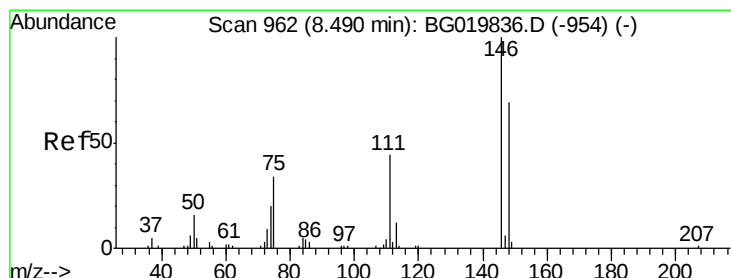
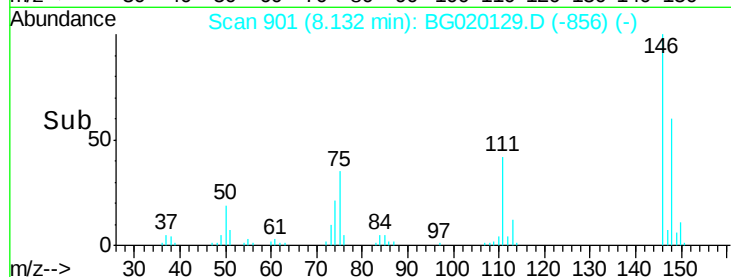
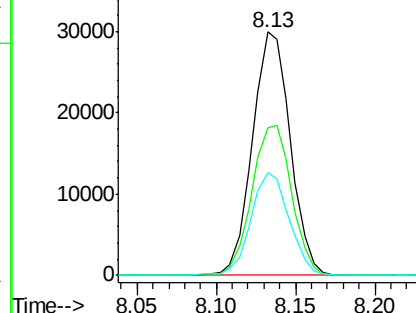
#13
 1,4-Dichlorobenzene
 Concen: 33.19 ng
 RT: 8.13 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion:146 Resp: 49704
 Ion Ratio Lower Upper
 146 100
 148 60.4 52.5 78.7
 111 42.1 28.3 42.5

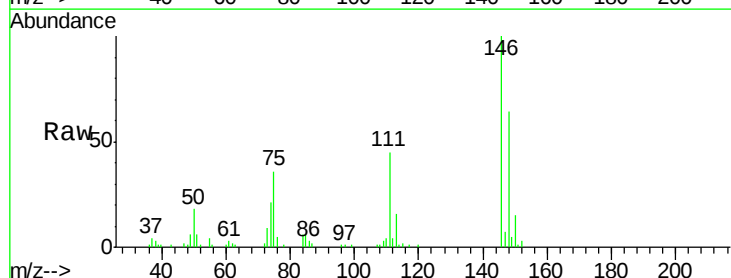


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

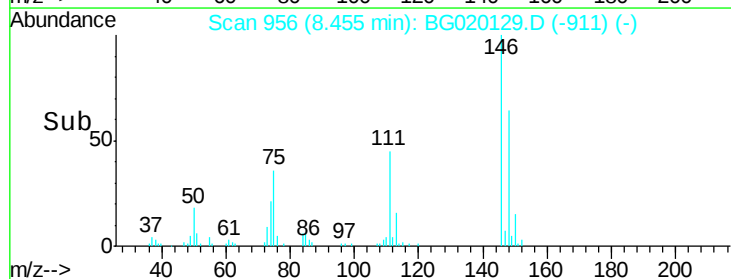
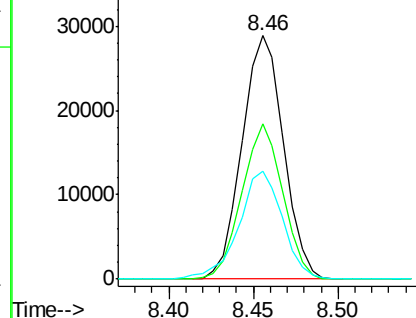


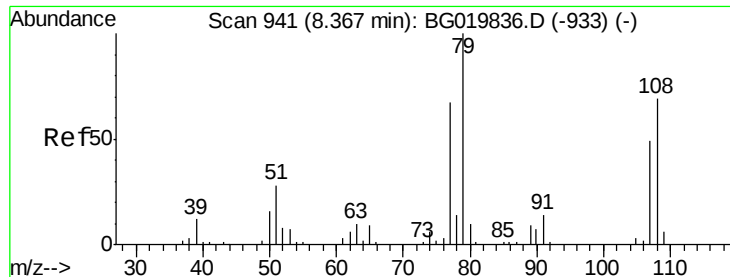
#14
 1,2-Dichlorobenzene
 Concen: 34.45 ng
 RT: 8.46 min Scan# 956
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:146 Resp: 49206
 Ion Ratio Lower Upper
 146 100
 148 63.8 52.5 78.7
 111 44.5 29.9 44.9



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





#15

Benzyl Alcohol

Concen: 37.22 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

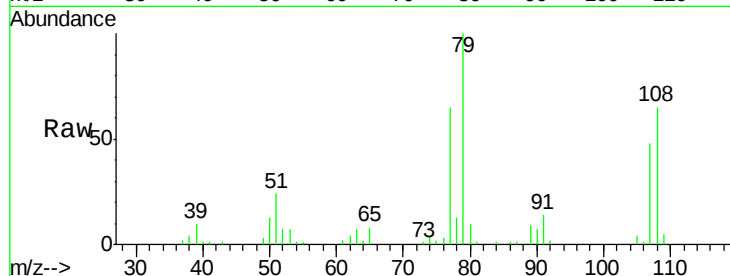
Tgt Ion: 79 Resp: 51726

Ion Ratio Lower Upper

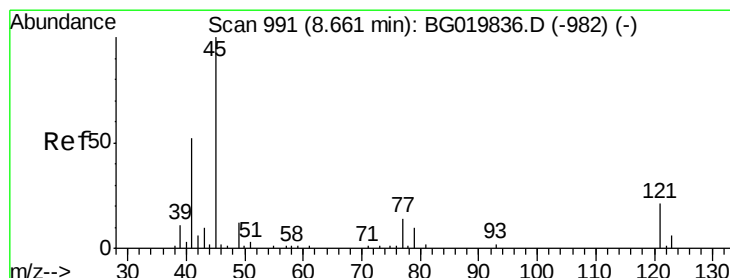
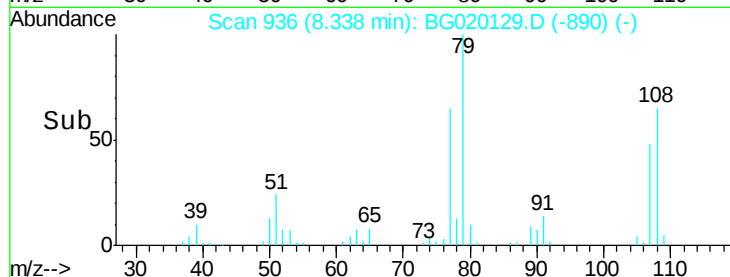
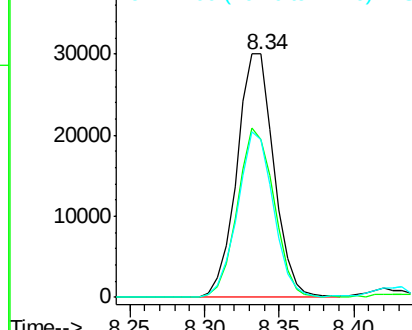
79 100

108 64.7 65.5 98.3#

77 65.0 51.3 76.9



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: 32.09 ng

RT: 8.63 min Scan# 986

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

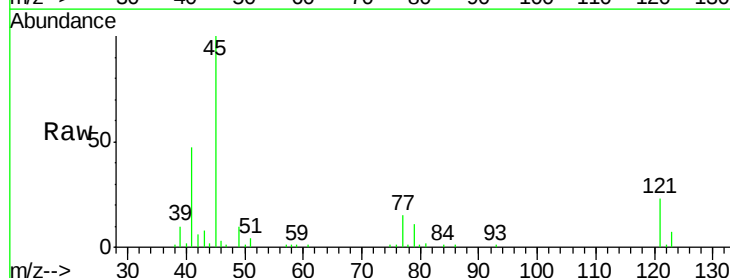
Tgt Ion: 45 Resp: 64614

Ion Ratio Lower Upper

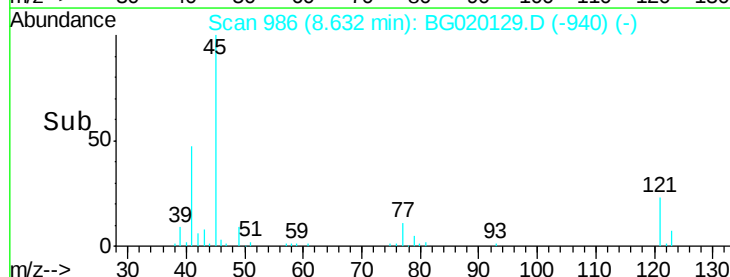
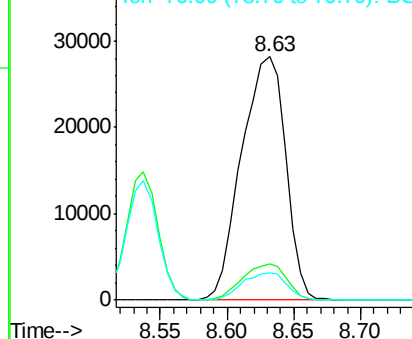
45 100

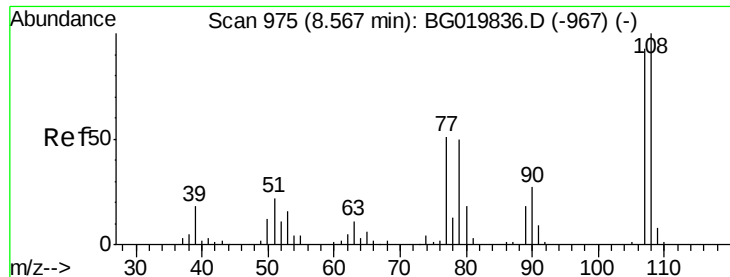
77 14.9 0.0 37.0

79 11.1 0.0 33.8



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

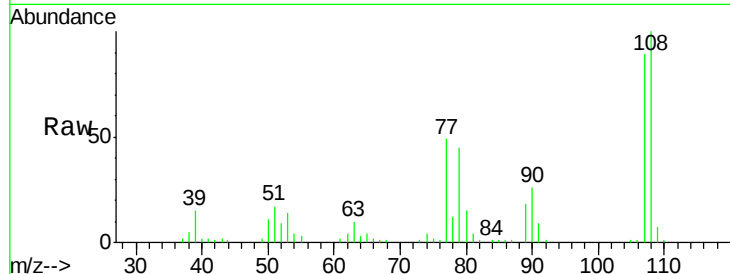




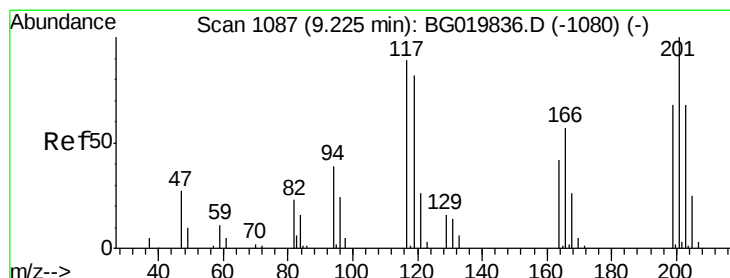
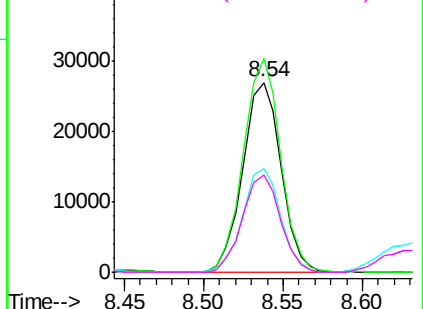
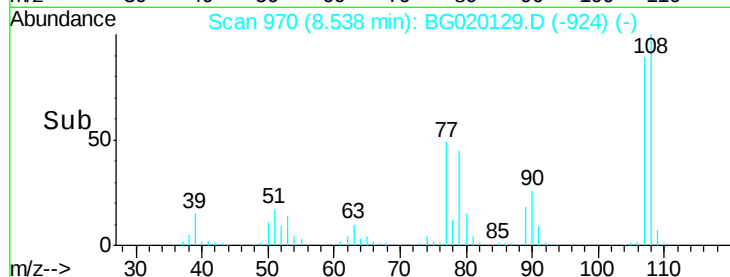
#17
2-Methylphenol
Concen: 38.61 ng
RT: 8.54 min Scan# 970
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

Tgt Ion:107 Resp: 45439
Ion Ratio Lower Upper
107 100
108 112.4 86.5 129.7
77 54.8 34.6 51.8#
79 51.0 32.3 48.5#

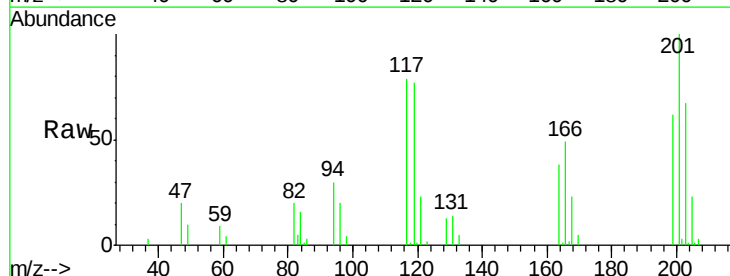


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

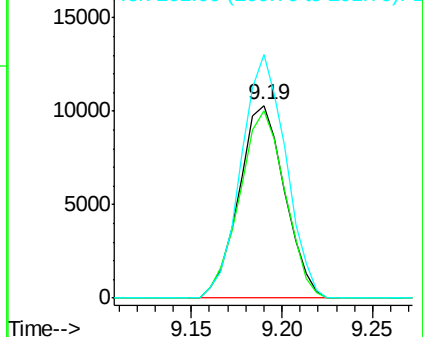
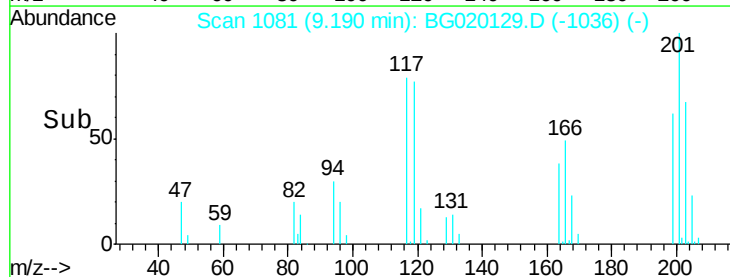


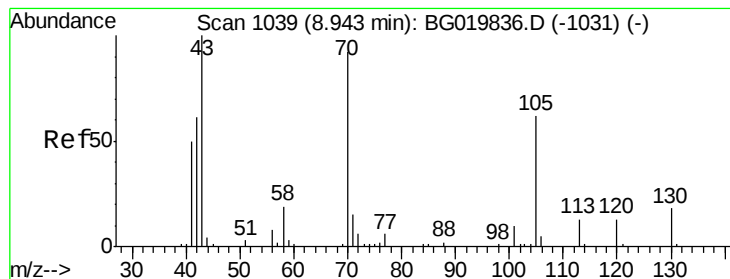
#18
Hexachloroethane
Concen: 32.36 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:117 Resp: 18143
Ion Ratio Lower Upper
117 100
119 97.1 71.7 107.5
201 126.3 90.9 136.3



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: 33.69 ng

RT: 8.90 min Scan# 1032

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

Tgt Ion: 70 Resp: 42082

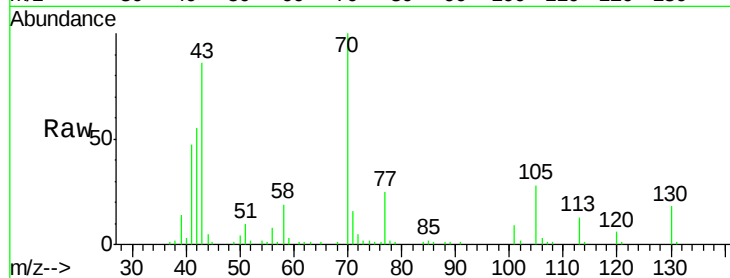
Ion Ratio Lower Upper

70 100

42 55.5 40.6 60.8

101 9.4 8.6 13.0

130 17.8 17.0 25.6



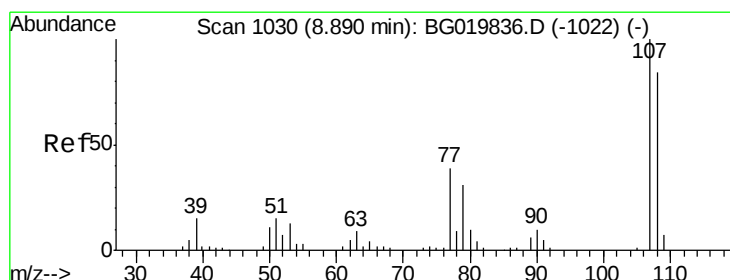
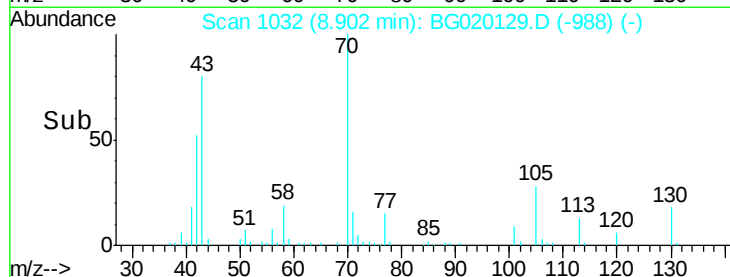
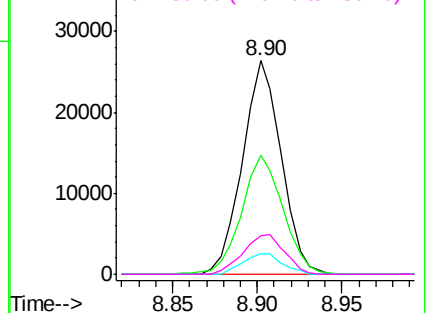
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 38.56 ng

RT: 8.87 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Tgt Ion: 107 Resp: 63896

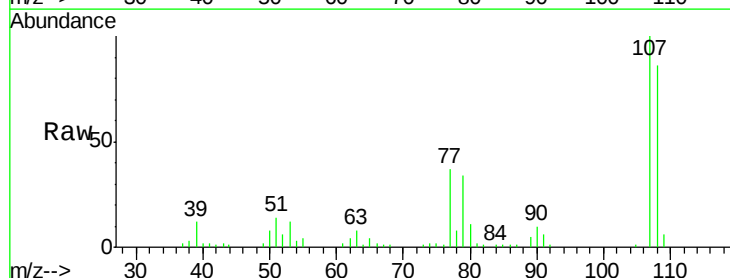
Ion Ratio Lower Upper

107 100

108 86.5 72.2 112.2

77 37.0 13.4 53.4

79 33.8 7.2 47.2



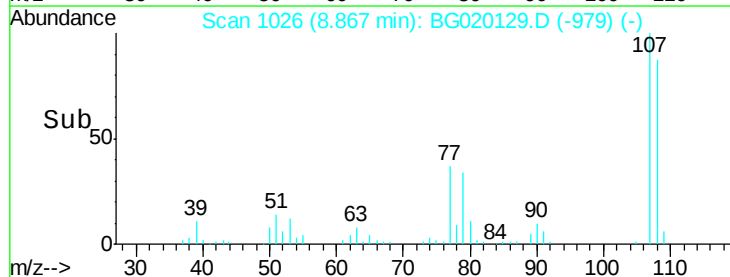
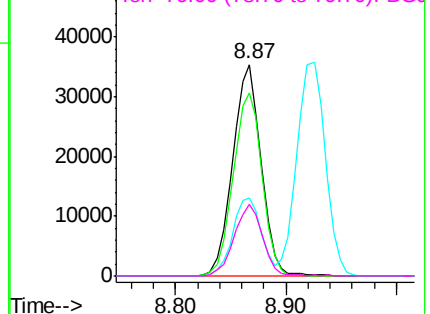
Abundance

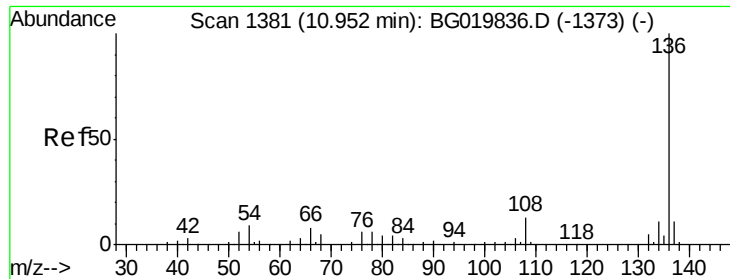
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

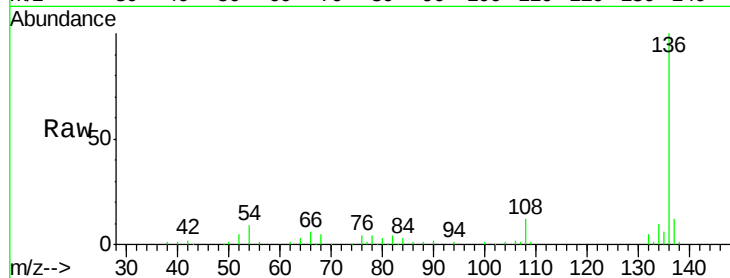




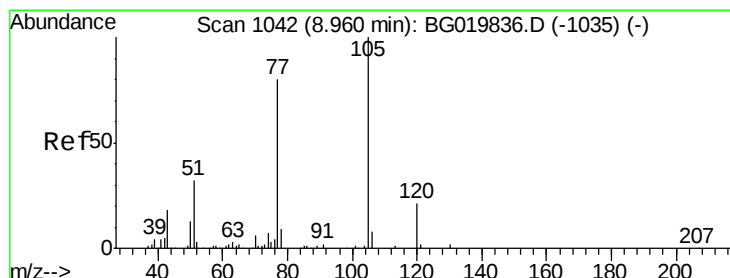
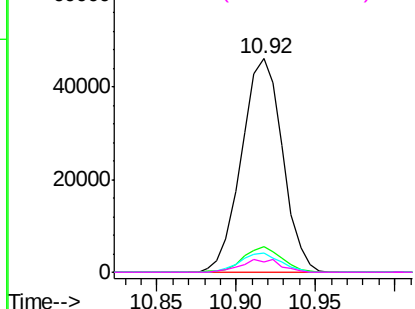
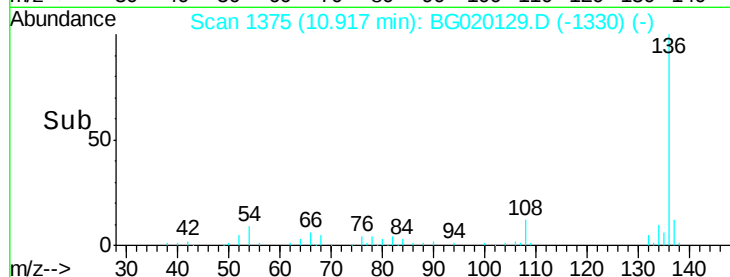
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

Tgt Ion:	136	Resp:	82901
Ion Ratio	Lower	Upper	
136	100		
137	11.8	8.6	12.8
54	8.9	5.4	8.2#
68	5.1	5.3	7.9#

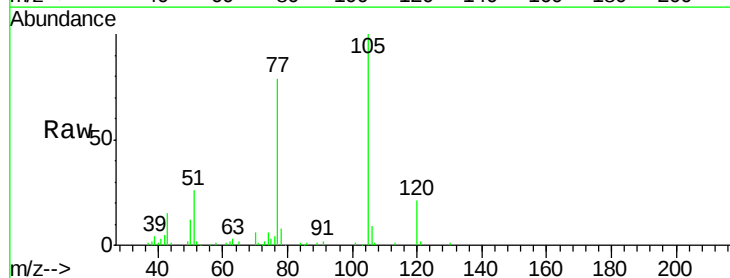


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

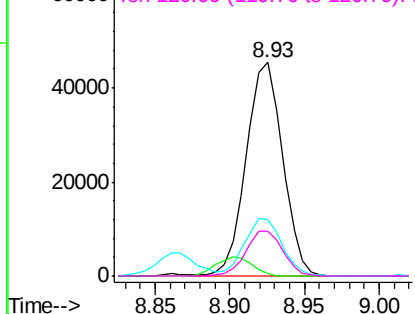
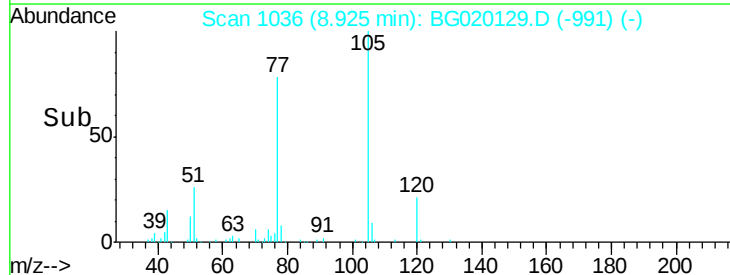


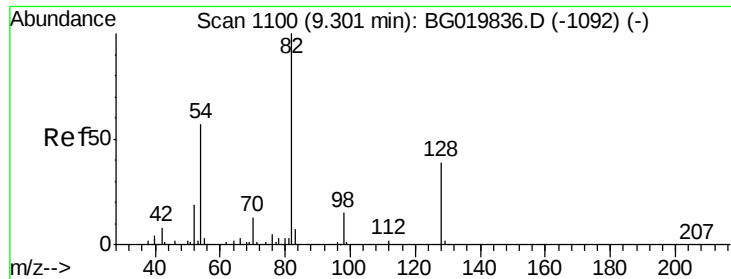
#22
Acetophenone
Concen: 33.82 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:	105	Resp:	76858
Ion Ratio	Lower	Upper	
105	100		
71	1.0	2.1	3.1#
51	26.3	17.8	26.8
120	20.8	17.7	26.5



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

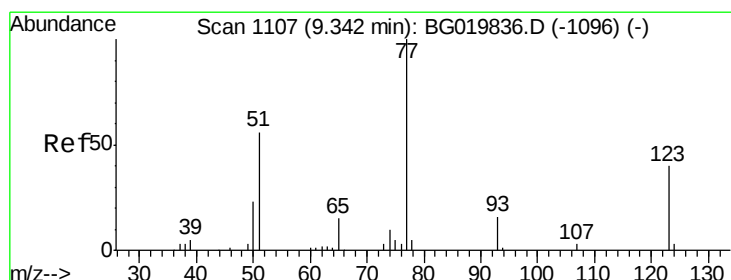
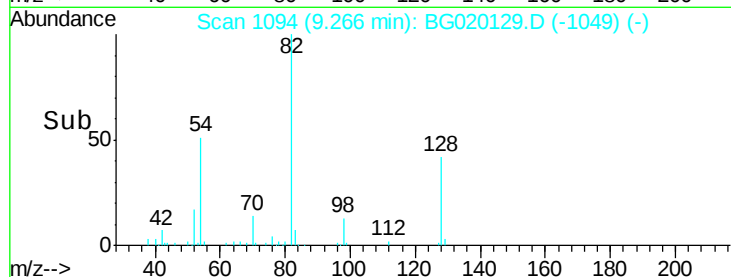
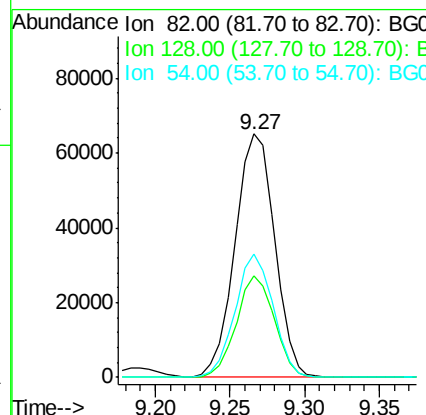
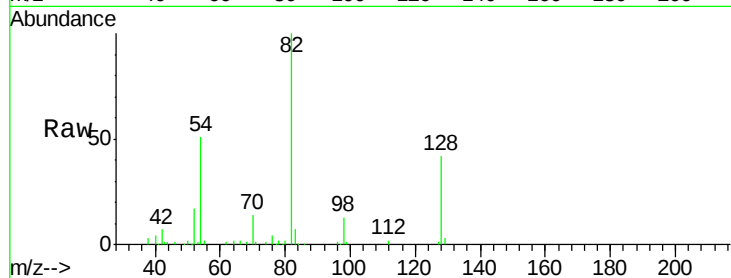




#23
 Nitrobenzene-d5
 Concen: 73.95 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

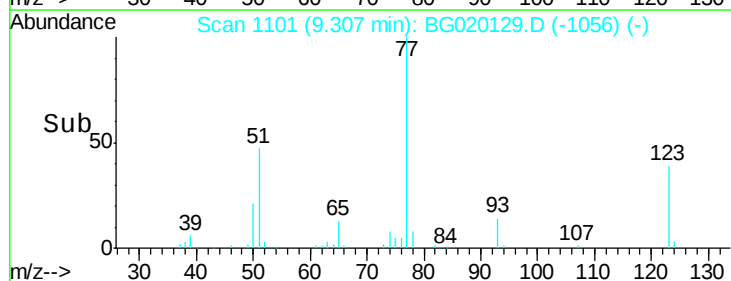
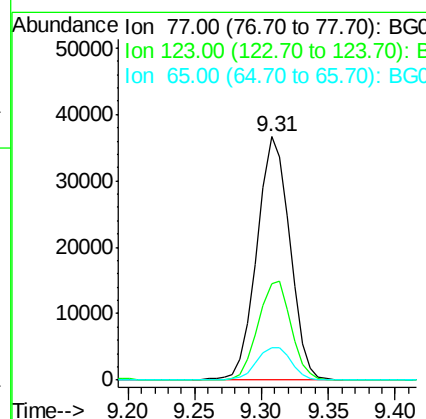
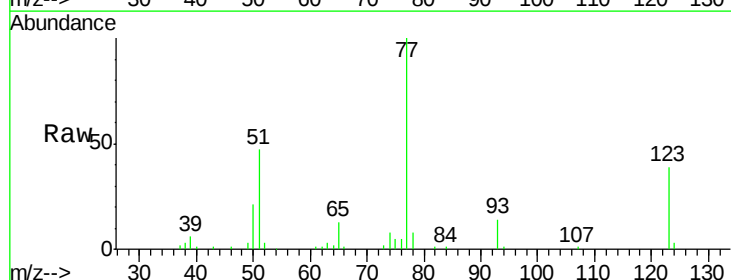
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

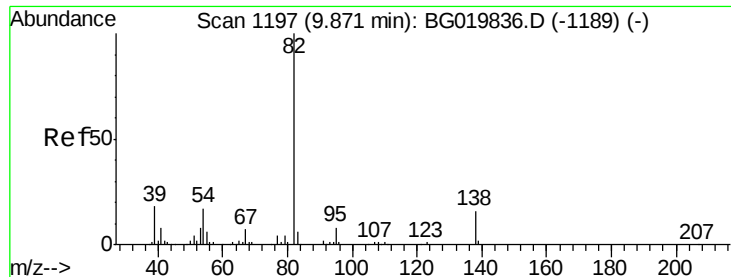
Tgt Ion: 82 Resp: 120126
 Ion Ratio Lower Upper
 82 100
 128 41.7 36.7 55.1
 54 50.6 33.8 50.8



#24
 Nitrobenzene
 Concen: 35.45 ng
 RT: 9.31 min Scan# 1101
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion: 77 Resp: 62462
 Ion Ratio Lower Upper
 77 100
 123 39.4 38.2 57.2
 65 13.4 10.6 16.0





#25

Isophorone

Concen: 33.57 ng

RT: 9.83 min Scan# 1190

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

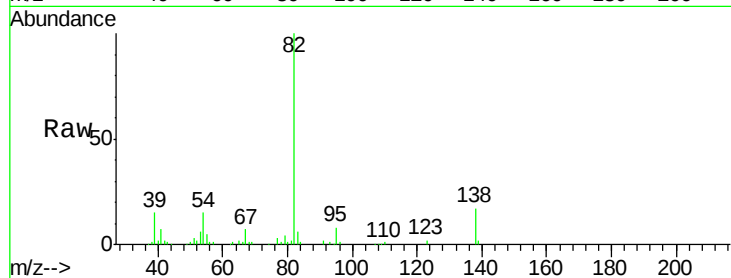
Tgt Ion: 82 Resp: 116893

Ion Ratio Lower Upper

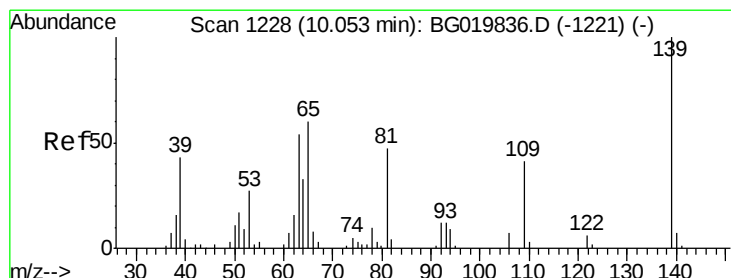
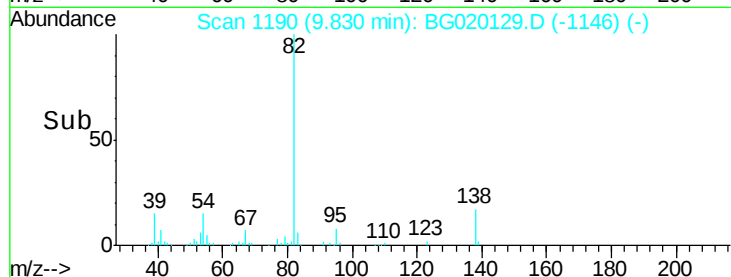
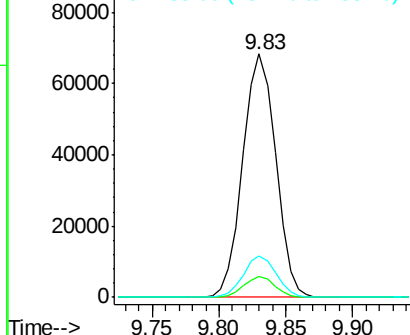
82 100

95 8.5 5.2 7.8#

138 17.0 14.4 21.6



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: 40.50 ng

RT: 10.02 min Scan# 1222

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

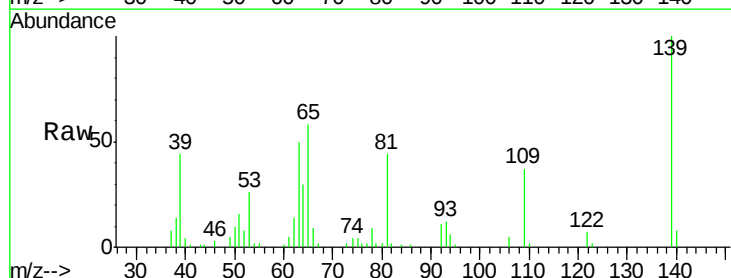
Tgt Ion: 139 Resp: 27560

Ion Ratio Lower Upper

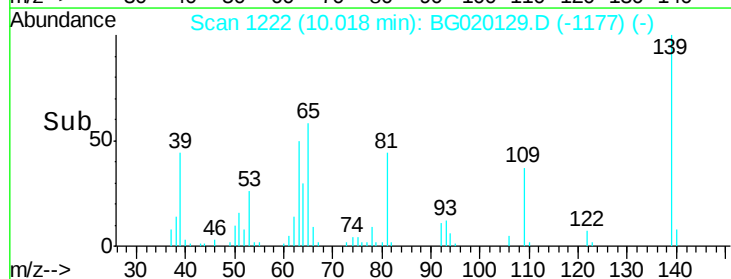
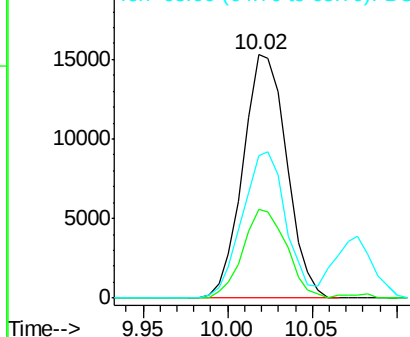
139 100

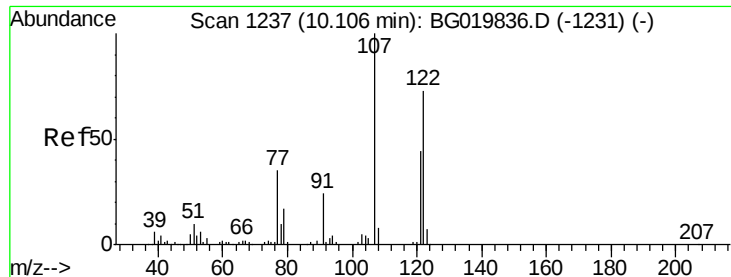
109 36.7 20.1 30.1#

65 58.3 34.1 51.1#



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

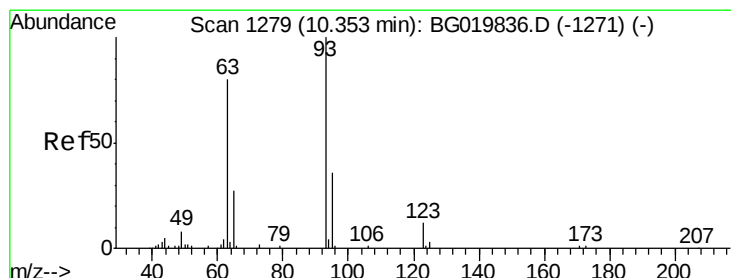
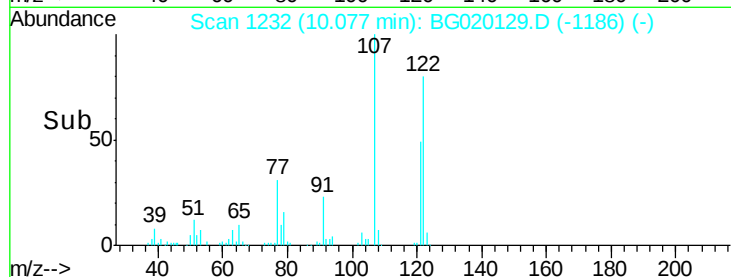
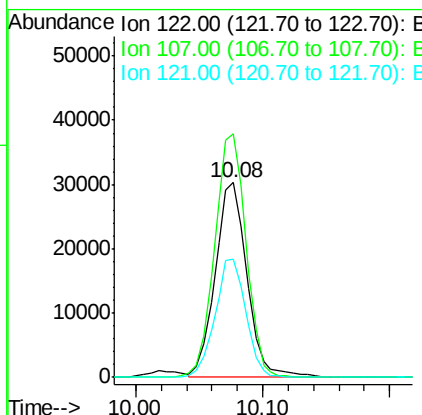
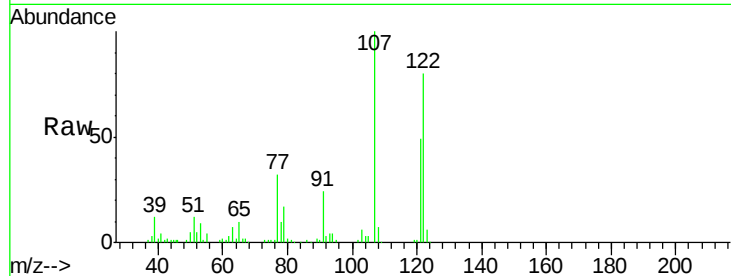




#27
 2,4-Dimethylphenol
 Concen: 37.32 ng
 RT: 10.08 min Scan# 1232
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

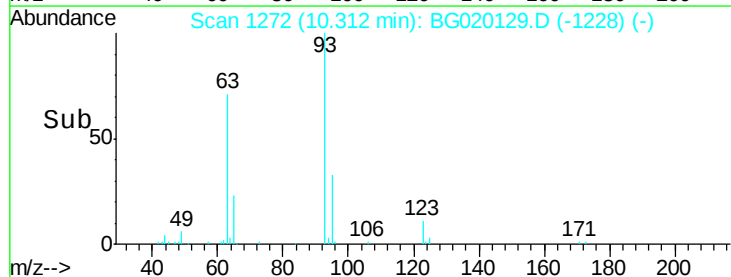
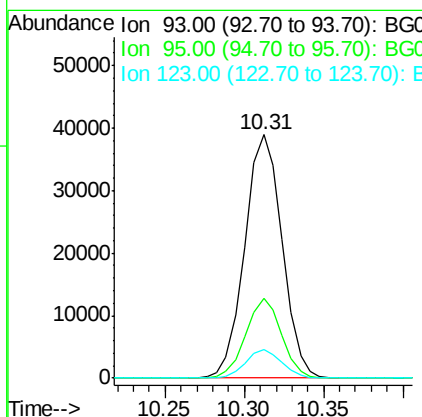
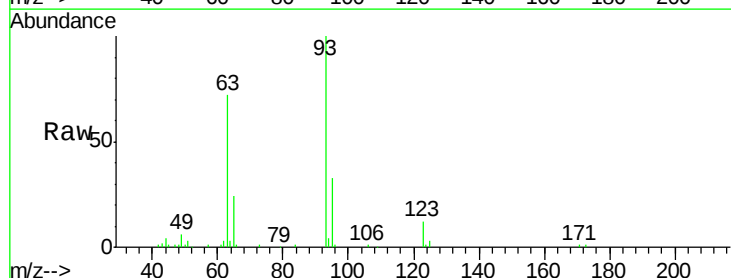
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

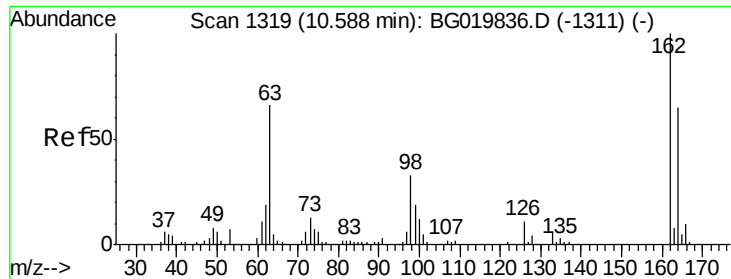
Tgt Ion: 122 Resp: 52881
 Ion Ratio Lower Upper
 122 100
 107 124.9 91.6 137.4
 121 60.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 37.36 ng
 RT: 10.31 min Scan# 1272
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion: 93 Resp: 63581
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.7 38.5
 123 11.7 8.6 12.8

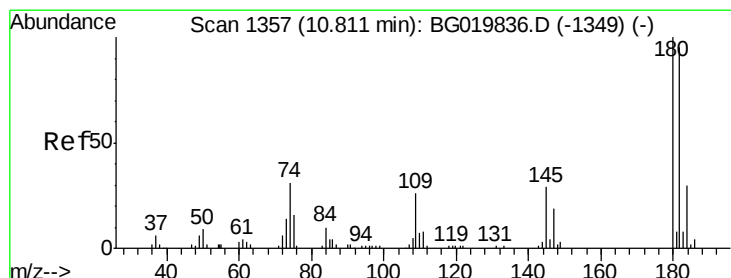
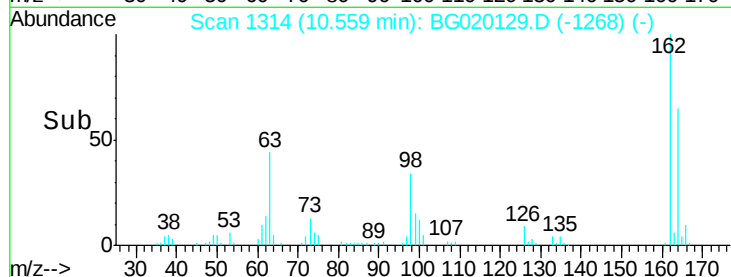
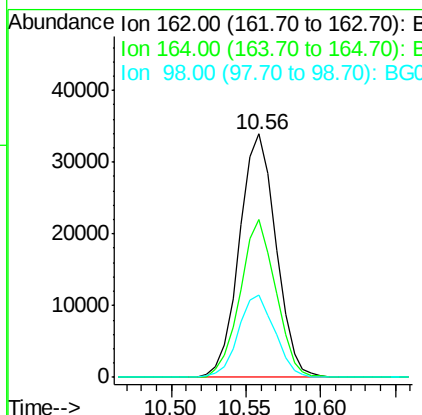
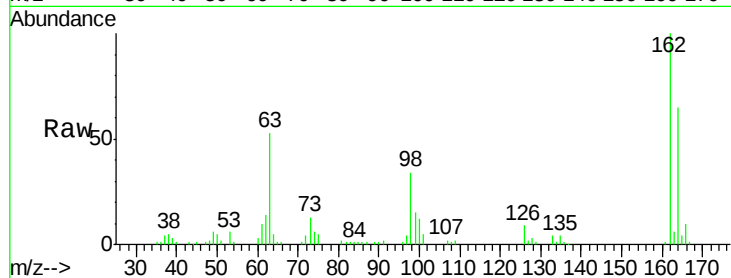




#29
 2,4-Dichlorophenol
 Concen: 39.85 ng
 RT: 10.56 min Scan# 1314
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

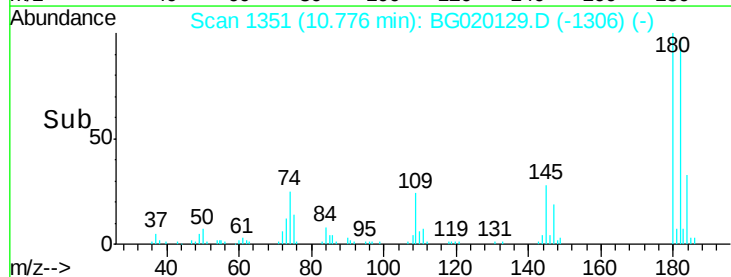
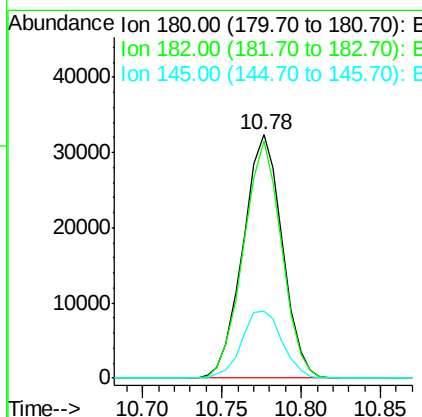
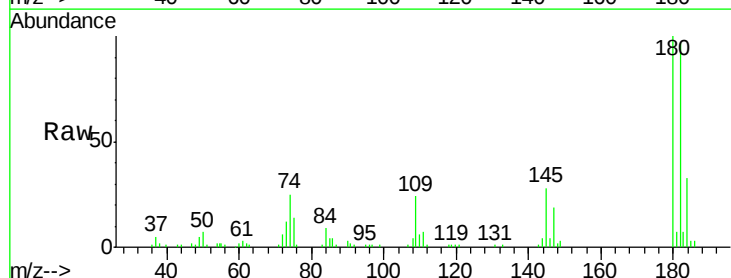
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

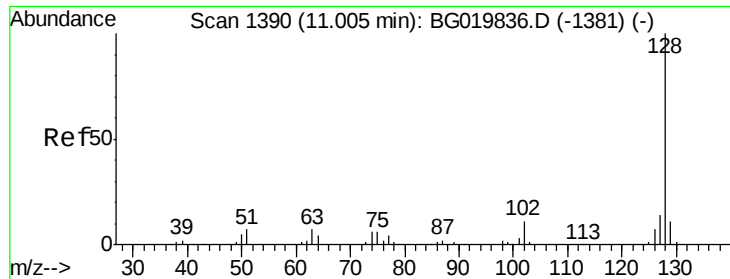
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.9	42.3	82.3
98	33.7	11.5	51.5



#30
 1,2,4-Trichlorobenzene
 Concen: 34.00 ng
 RT: 10.78 min Scan# 1351
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	79.7	119.5
145	27.7	22.0	33.0





#31

Naphthalene

Concen: 34.78 ng

RT: 10.96 min Scan# 1383

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

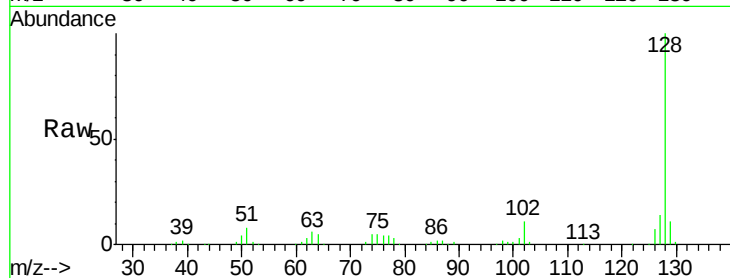
Tgt Ion:128 Resp: 154444

Ion Ratio Lower Upper

128 100

129 10.6 8.5 12.7

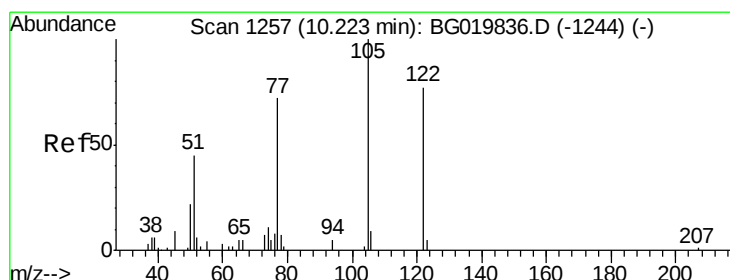
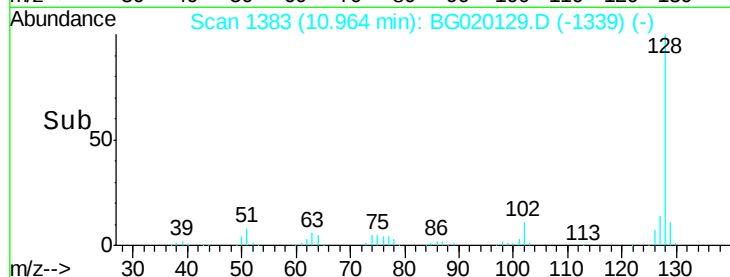
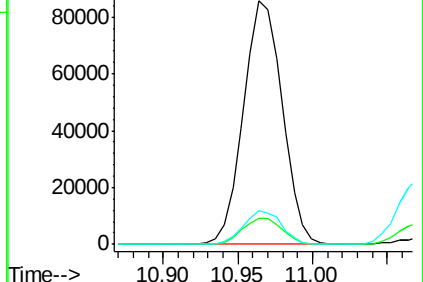
127 14.0 10.6 16.0



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: 54.45 ng

RT: 10.08 min Scan# 1232

Delta R.T. -0.15 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

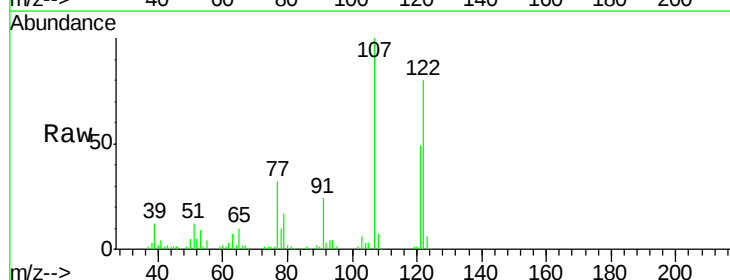
Tgt Ion:122 Resp: 52881

Ion Ratio Lower Upper

122 100

105 4.2 103.8 143.8#

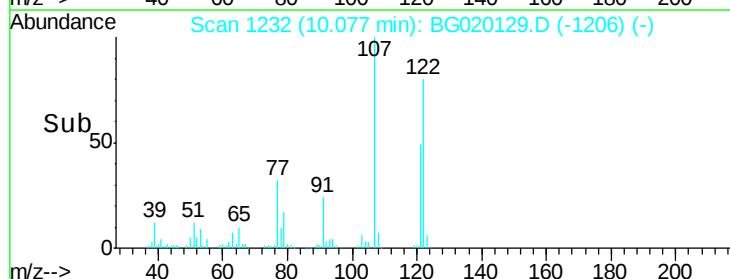
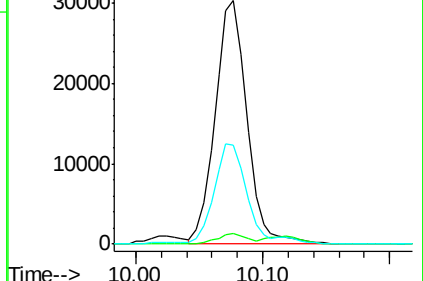
77 40.6 68.8 108.8#

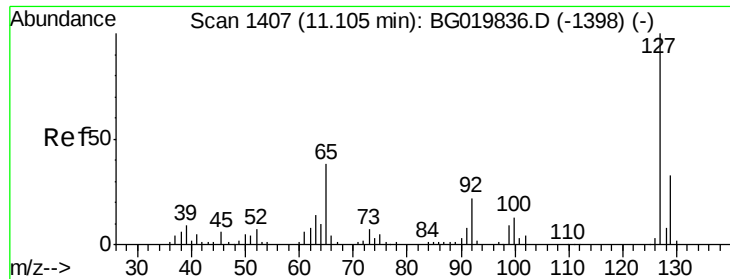


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

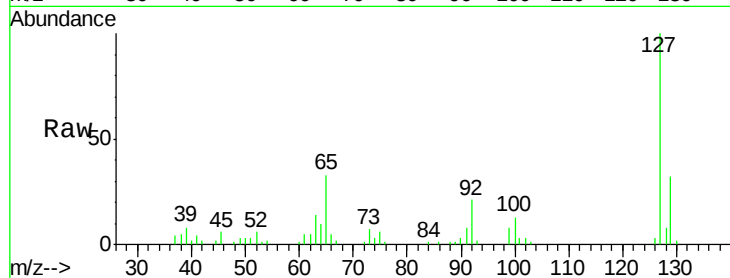




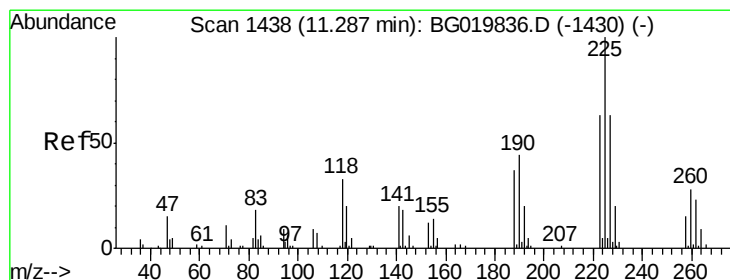
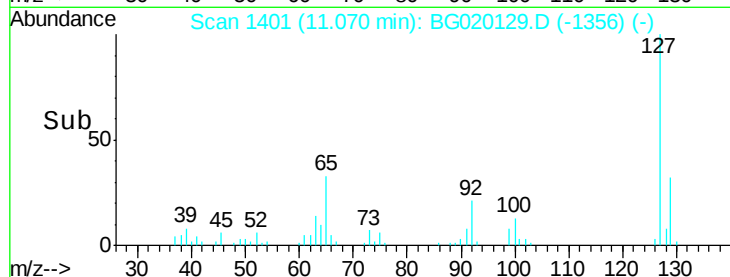
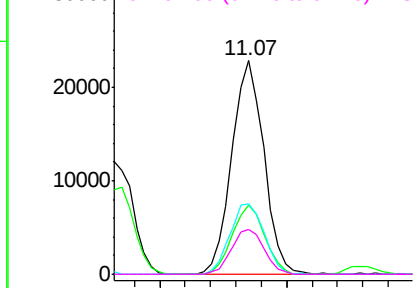
#33
4-Chloroaniline
Concen: 20.47 ng
RT: 11.07 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

Tgt Ion:	127	Resp:	40054
Ion	Ratio	Lower	Upper
127	100		
129	32.4	24.6	37.0
65	32.8	22.6	33.8
92	21.2	15.1	22.7

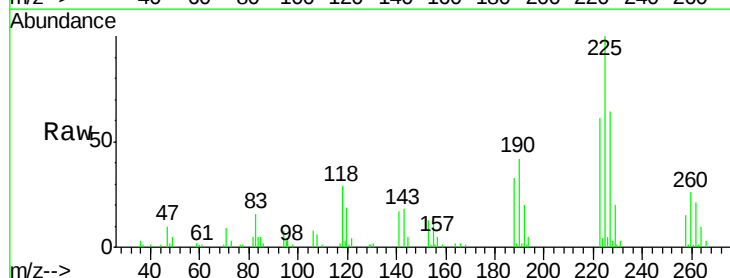


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

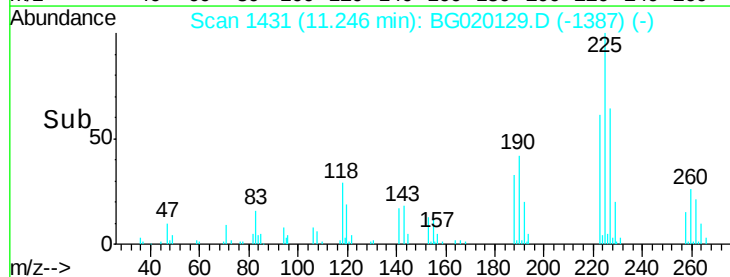
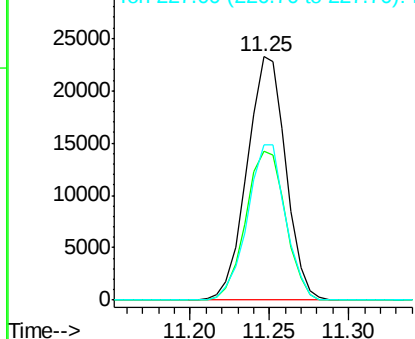


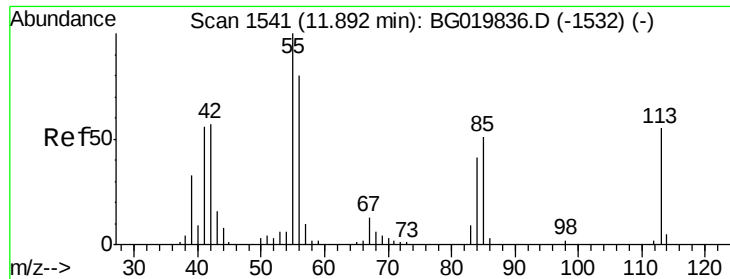
#34
Hexachlorobutadiene
Concen: 32.64 ng
RT: 11.25 min Scan# 1431
Delta R.T. -0.04 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:	225	Resp:	39391
Ion	Ratio	Lower	Upper
225	100		
223	61.4	51.0	76.4
227	67.0	51.8	77.8



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





#35

Caprolactam

Concen: 23.17 ng

RT: 11.83 min Scan# 1531

Delta R.T. -0.06 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

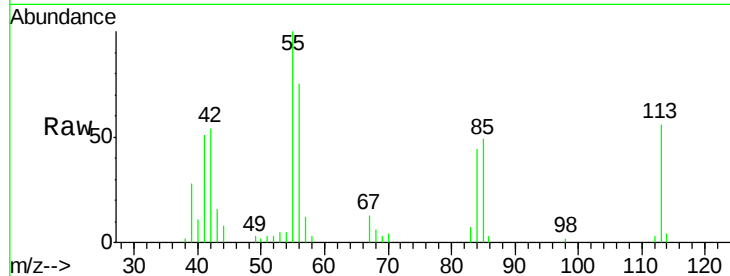
Tgt Ion:113 Resp: 12489

Ion Ratio Lower Upper

113 100

55 177.4 135.0 175.0#

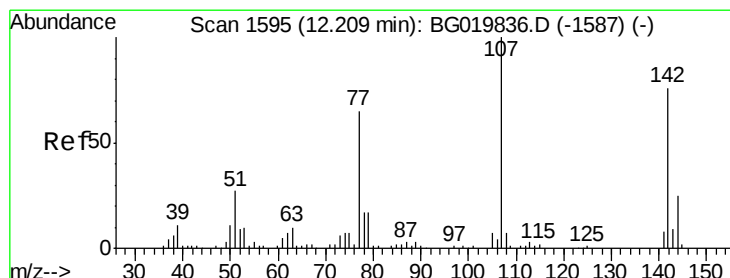
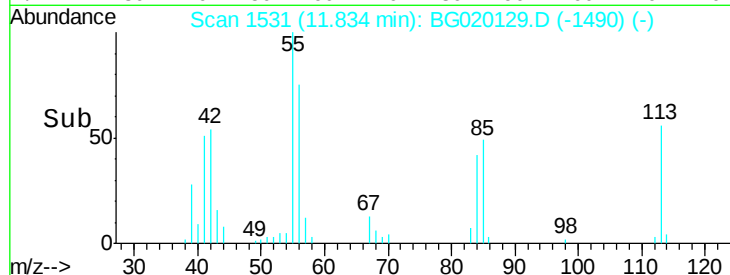
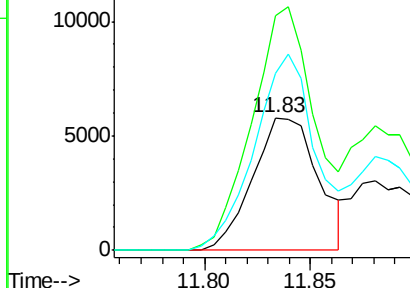
56 133.7 83.4 123.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 37.62 ng

RT: 12.19 min Scan# 1591

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

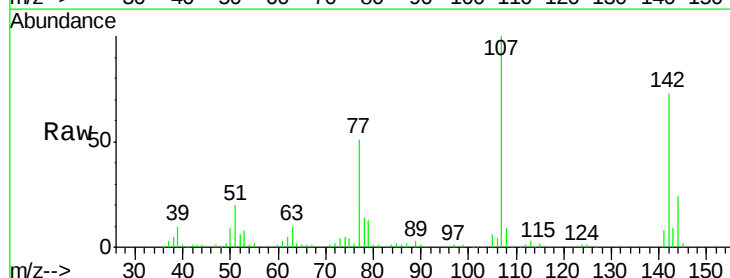
Tgt Ion:107 Resp: 67835

Ion Ratio Lower Upper

107 100

144 23.8 20.6 31.0

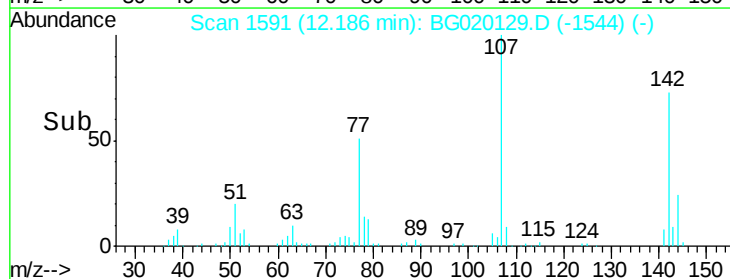
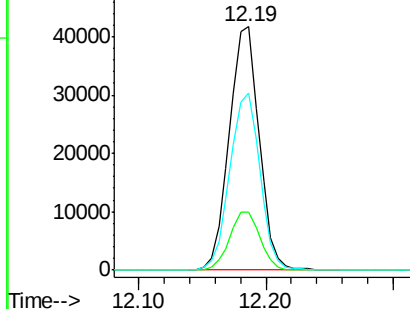
142 72.9 62.6 93.8

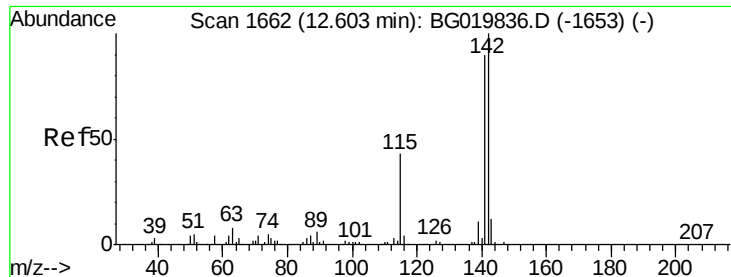


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

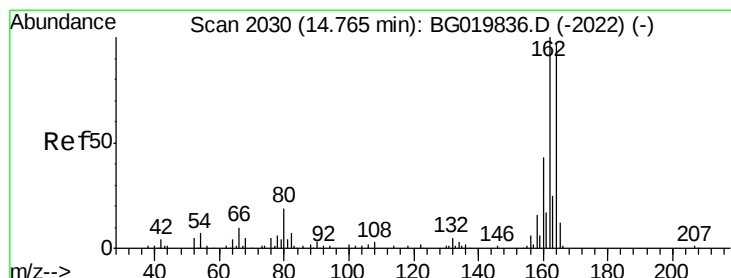
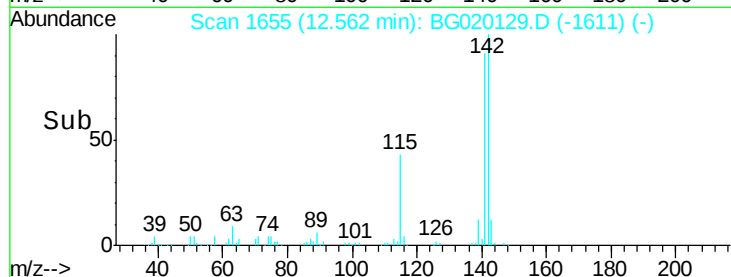
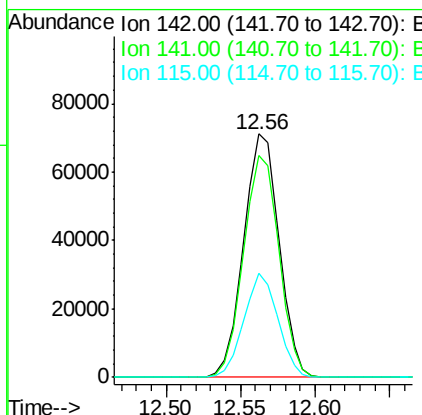
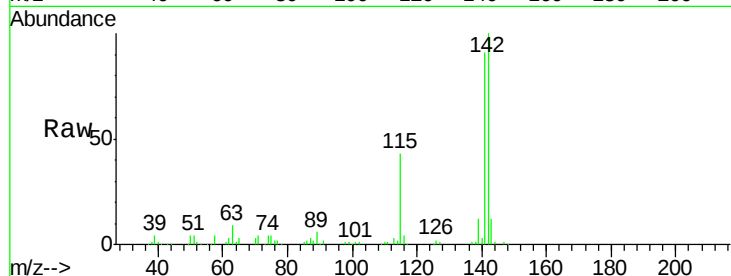




#37
 2-Methylnaphthalene
 Concen: 35.96 ng
 RT: 12.56 min Scan# 1655
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

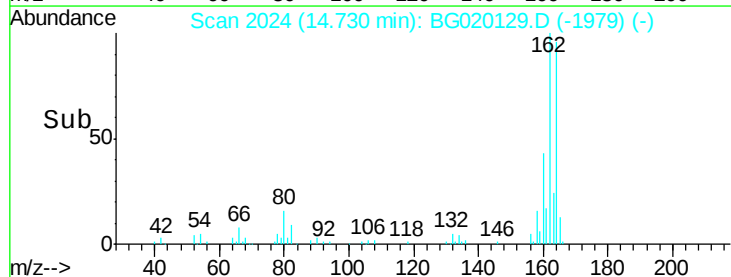
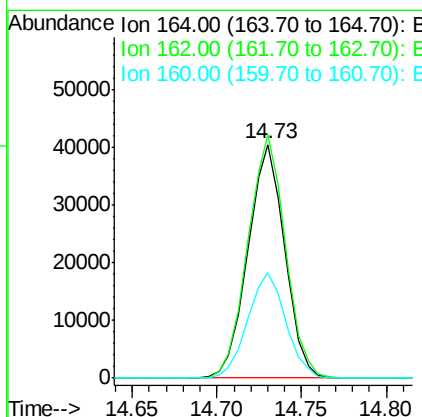
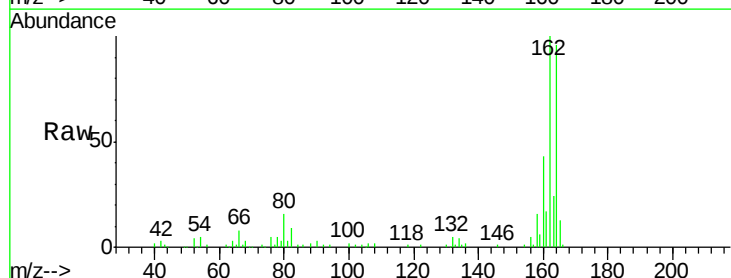
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

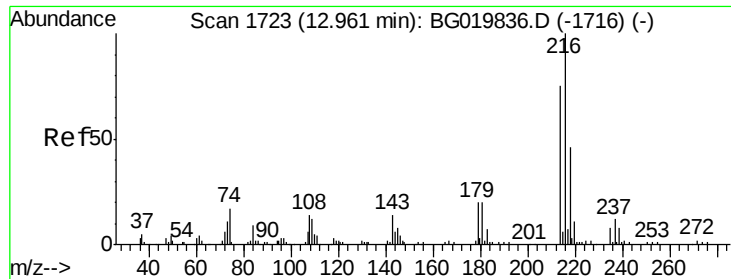
Tgt Ion:142 Resp: 117040
 Ion Ratio Lower Upper
 142 100
 141 91.0 74.6 112.0
 115 42.8 27.4 41.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:164 Resp: 60941
 Ion Ratio Lower Upper
 164 100
 162 104.1 78.8 118.2
 160 45.2 36.4 54.6

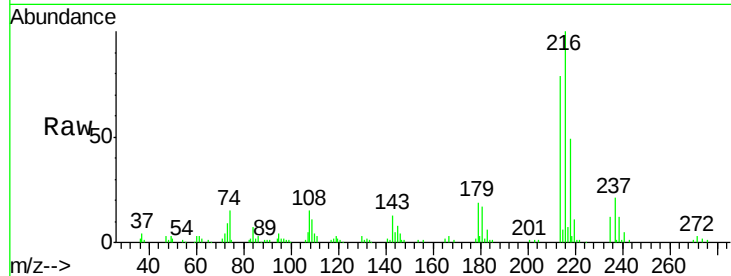




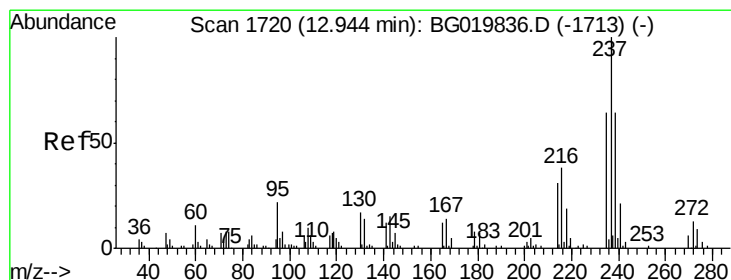
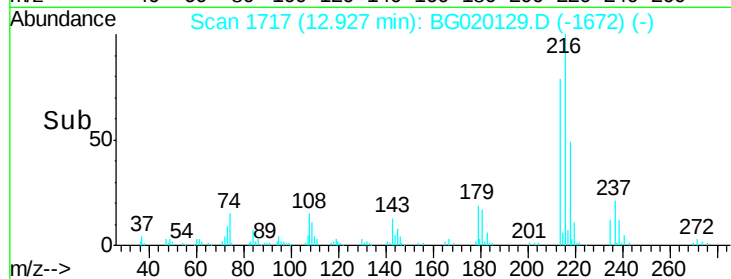
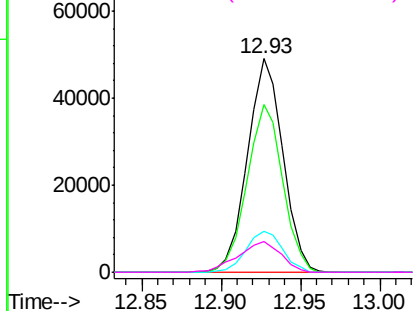
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.81 ng
 RT: 12.93 min Scan# 1717
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion:	216	Resp:	75886
Ion	Ratio	Lower	Upper
216	100		
214	79.2	62.5	93.7
179	19.6	15.6	23.4
108	17.4	13.3	19.9

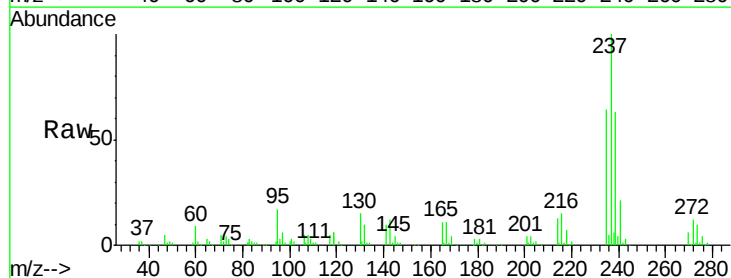


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

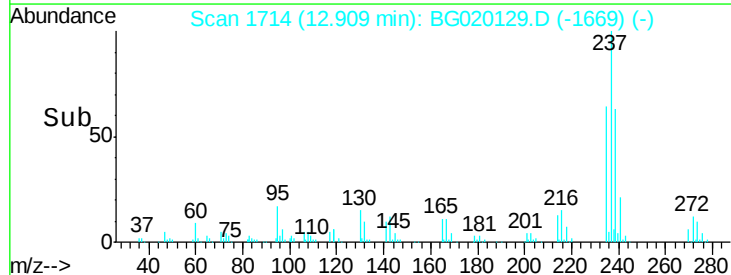
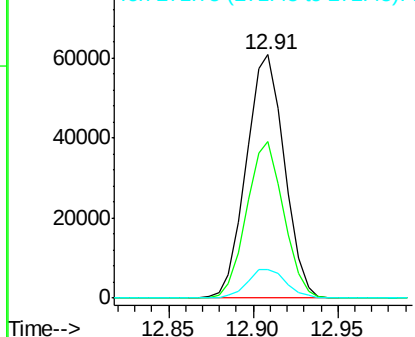


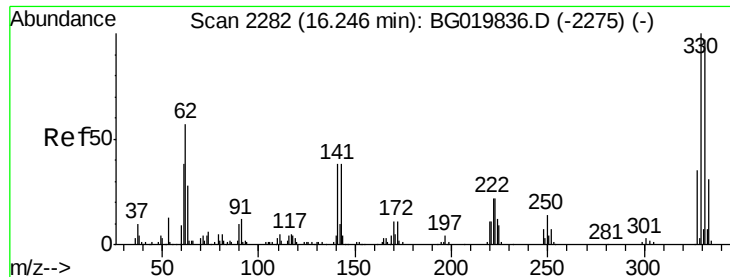
#40
 Hexachlorocyclopentadiene
 Concen: 72.19 ng
 RT: 12.91 min Scan# 1714
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:	237	Resp:	95190
Ion	Ratio	Lower	Upper
237	100		
235	64.1	44.6	84.6
272	11.8	0.0	32.8



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

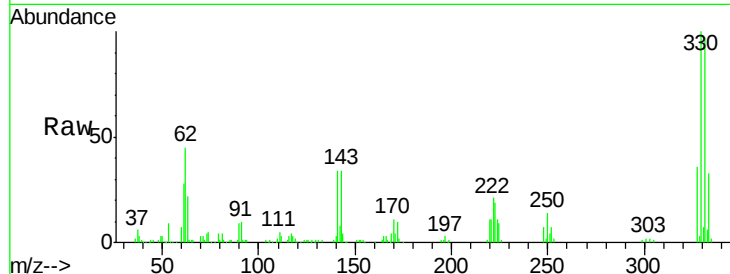




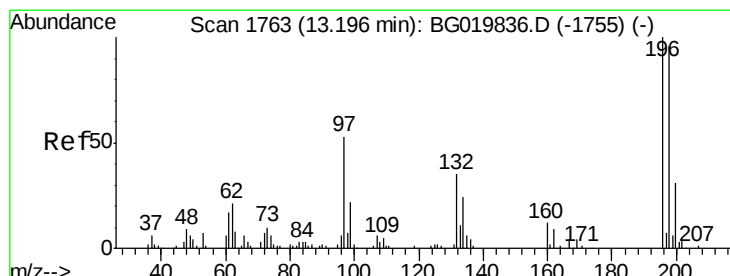
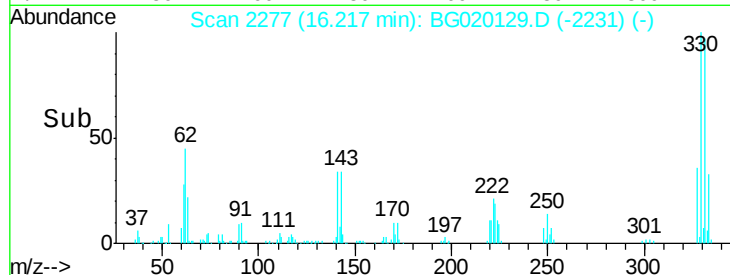
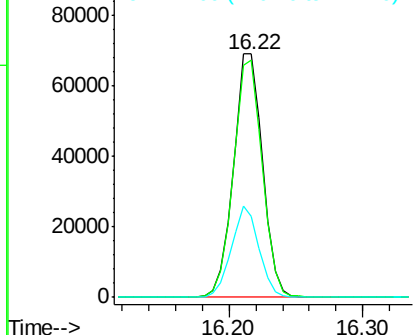
#41
 2,4,6-Tribromophenol
 Concen: 111.70 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	78.1	117.1
141	35.7	28.2	42.2

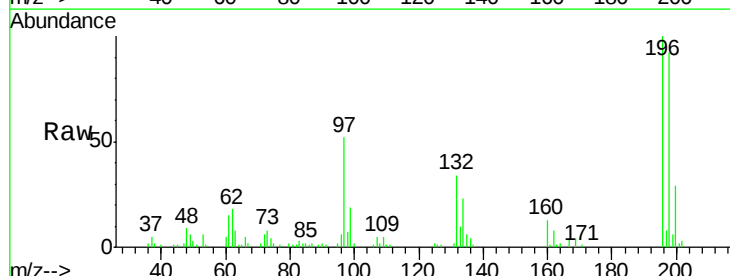


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

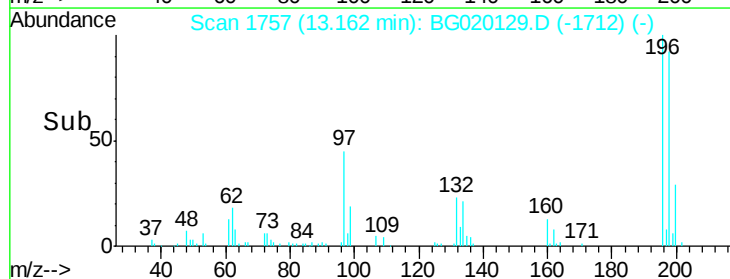
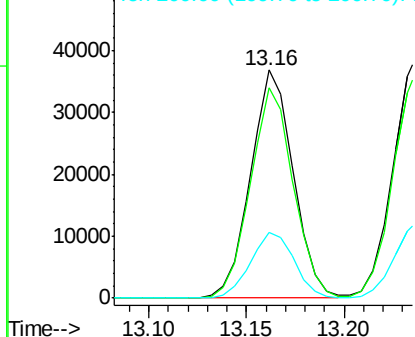


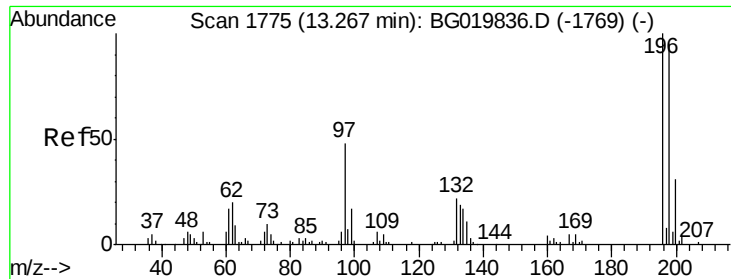
#42
 2,4,6-Trichlorophenol
 Concen: 36.34 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.2	74.7	112.1
200	29.1	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

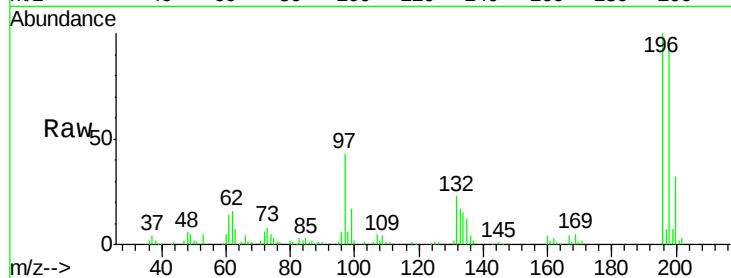




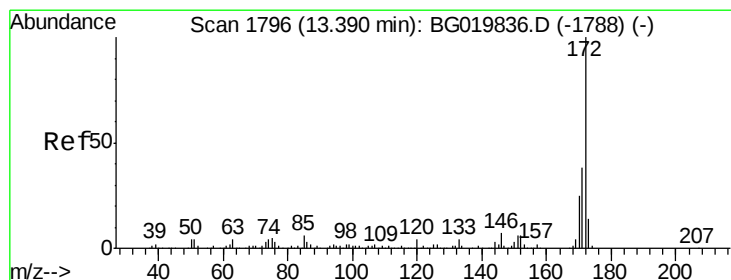
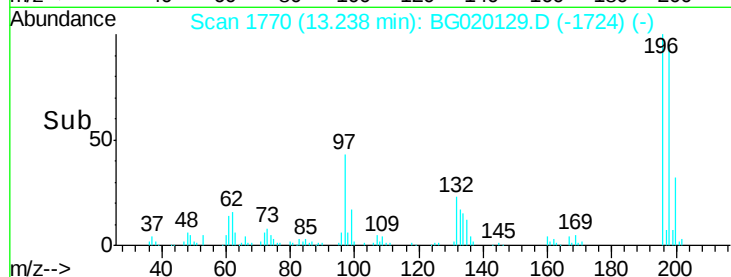
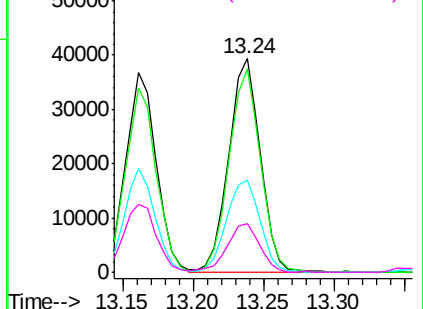
#43
2,4,5-Trichlorophenol
Concen: 37.96 ng
RT: 13.24 min Scan# 1770
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

Tgt Ion:196 Resp: 61433
Ion Ratio Lower Upper
196 100
198 95.5 75.2 112.8
97 43.4 34.2 51.2
132 22.9 21.8 32.6

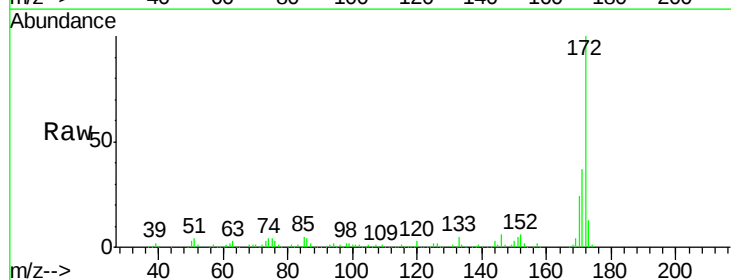


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

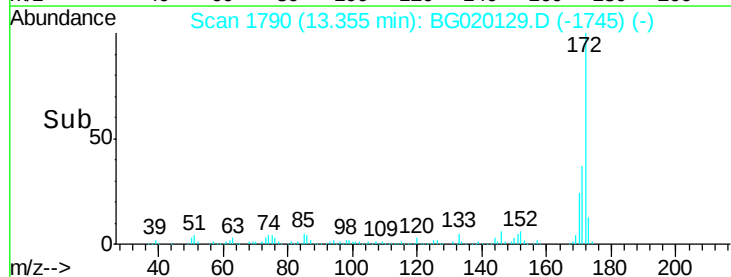
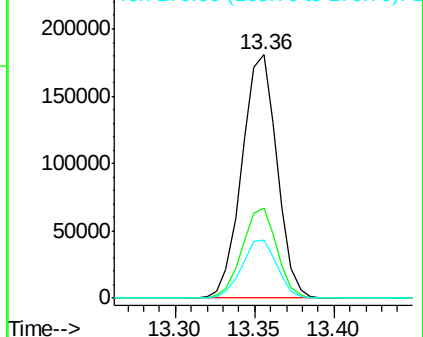


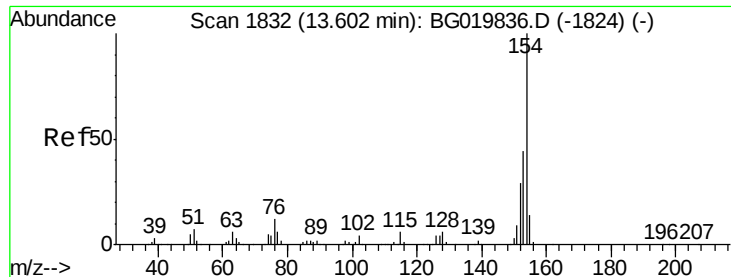
#44
2-Fluorobiphenyl
Concen: 62.09 ng
RT: 13.36 min Scan# 1790
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:172 Resp: 277104
Ion Ratio Lower Upper
172 100
171 36.9 29.0 43.6
170 23.9 19.9 29.9



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

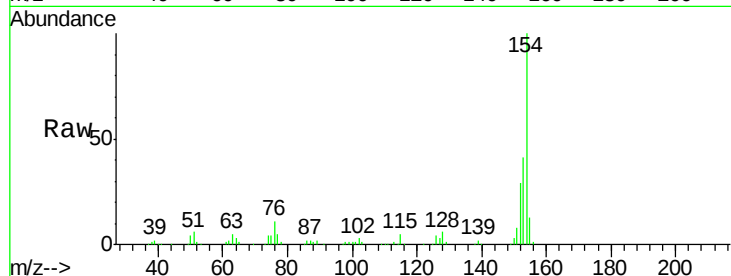




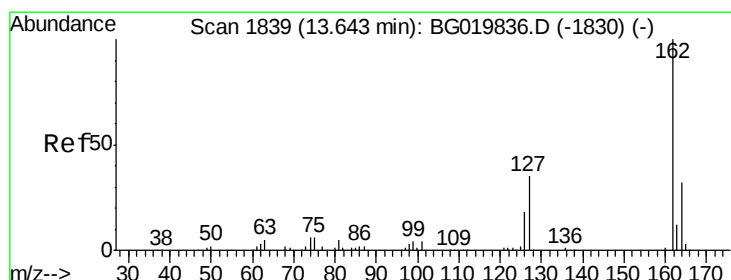
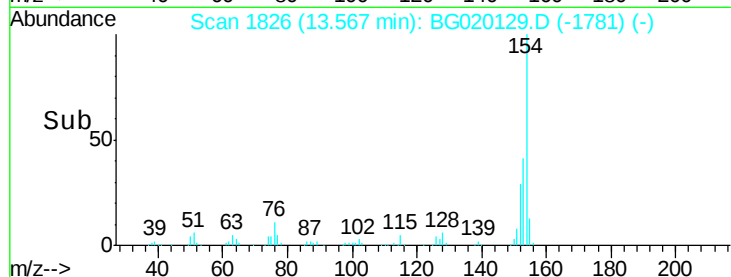
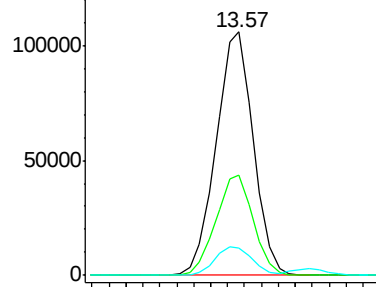
#45
 1,1'-Biphenyl
 Concen: 32.24 ng
 RT: 13.57 min Scan# 1826
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion:	154	Resp:	161230
Ion	Ratio	Lower	Upper
154	100		
153	41.0	21.9	61.9
76	11.3	0.0	33.2

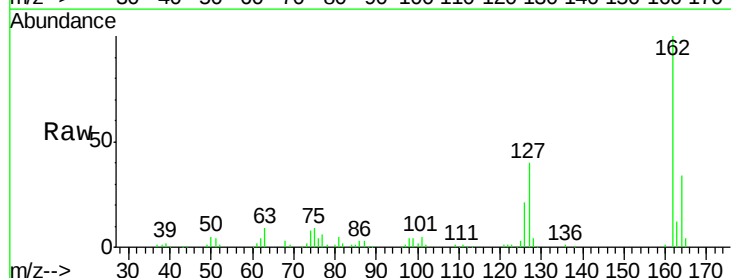


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

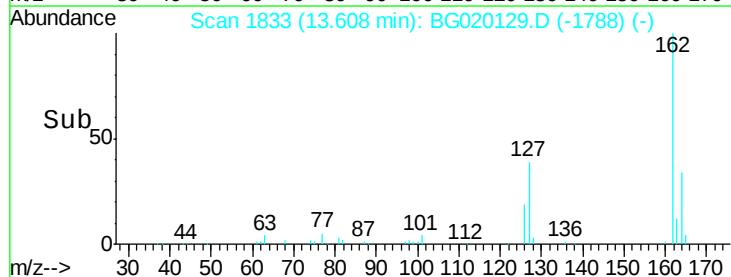
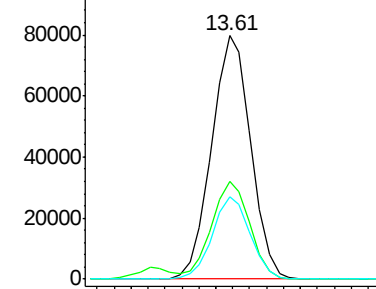


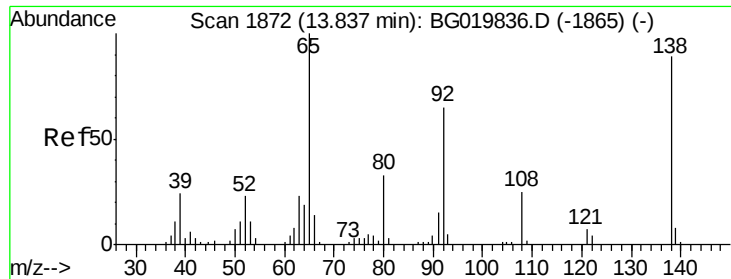
#46
 2-Chloronaphthalene
 Concen: 33.09 ng
 RT: 13.61 min Scan# 1833
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:	162	Resp:	127550
Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	33.6	27.4	41.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

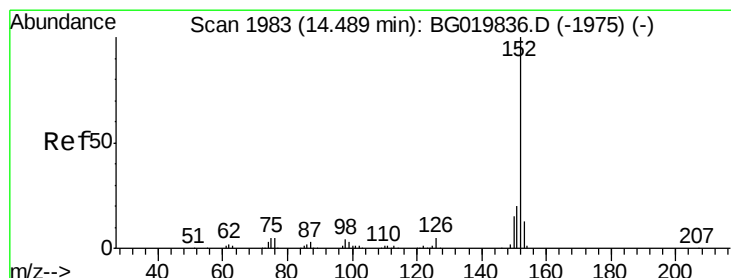
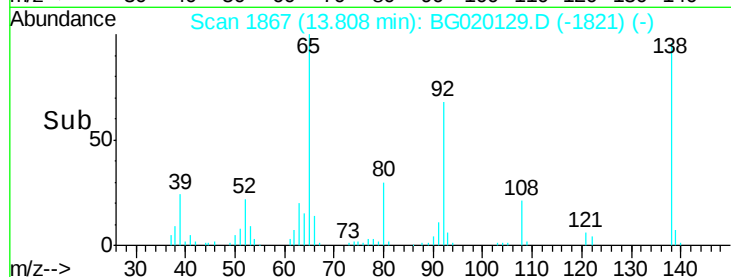
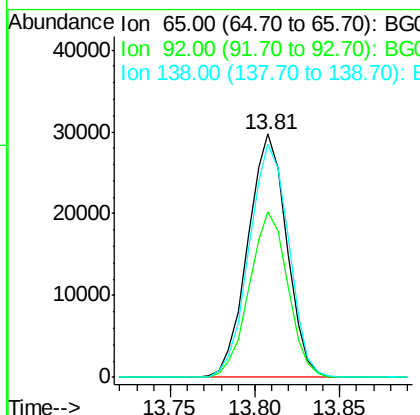
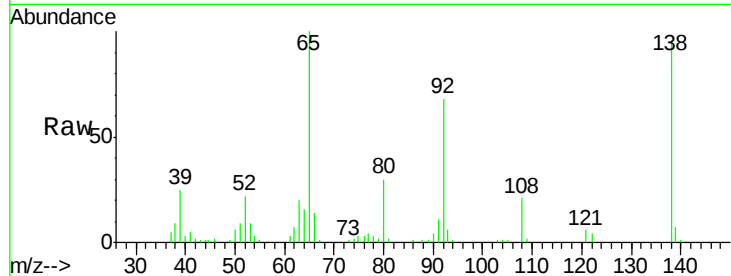




#47
2-Nitroaniline
Concen: 39.04 ng
RT: 13.81 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

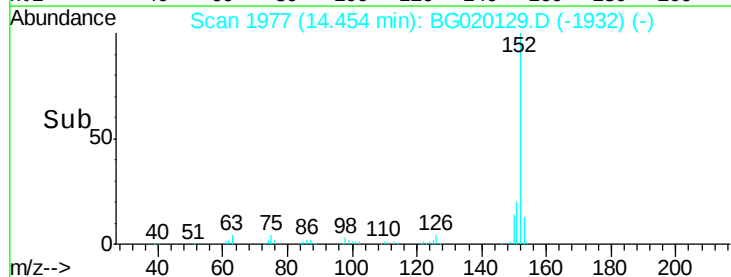
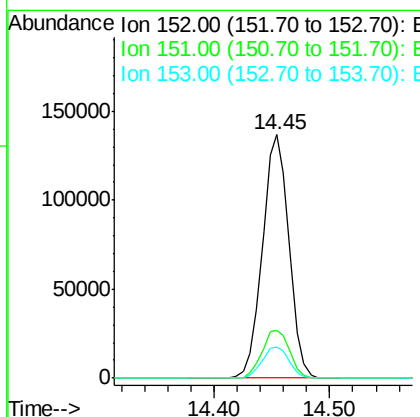
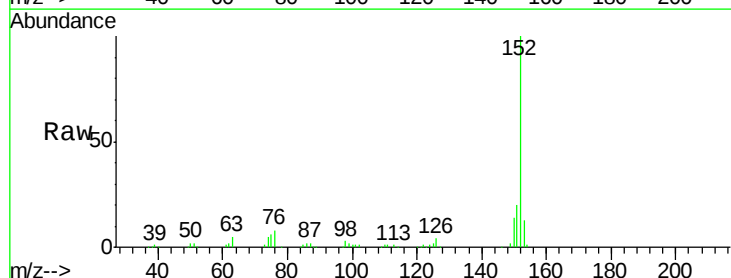
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

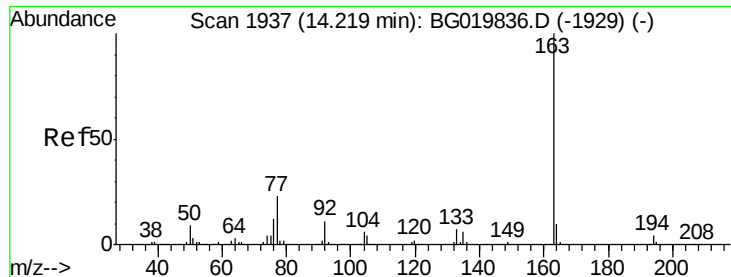
Tgt Ion: 65 Resp: 47530
Ion Ratio Lower Upper
65 100
92 67.7 54.8 82.2
138 95.7 89.6 134.4



#48
Acenaphthylene
Concen: 33.28 ng
RT: 14.45 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion: 152 Resp: 218515
Ion Ratio Lower Upper
152 100
151 19.6 17.0 25.4
153 13.0 10.4 15.6





#49

Dimethylphthalate

Concen: 44.56 ng

RT: 14.18 min Scan# 1930

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

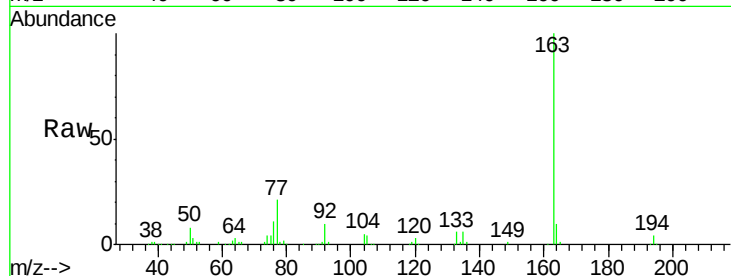
Tgt Ion:163 Resp: 244252

Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

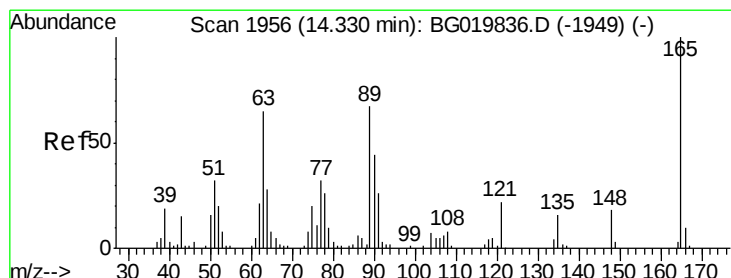
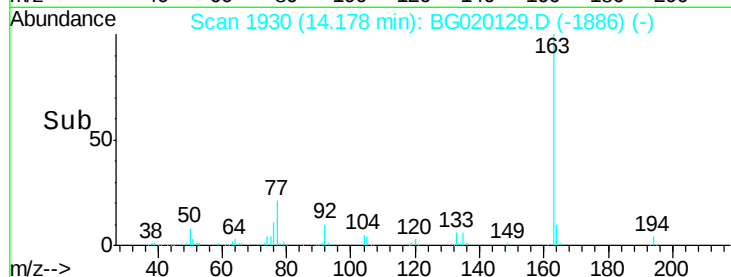
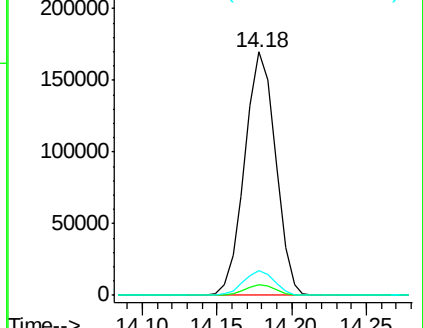
164 10.2 8.8 13.2



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: 38.92 ng

RT: 14.30 min Scan# 1951

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

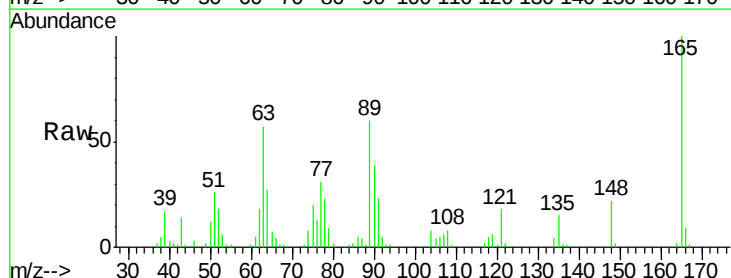
Tgt Ion:165 Resp: 40111

Ion Ratio Lower Upper

165 100

63 57.5 35.7 53.5#

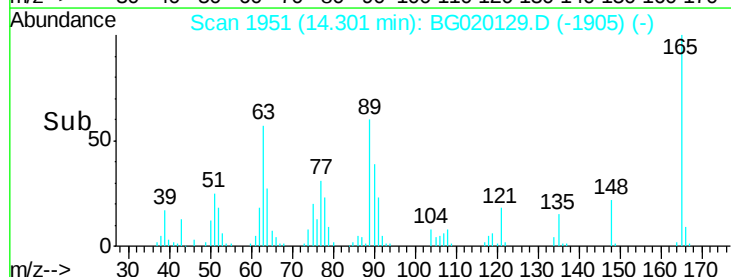
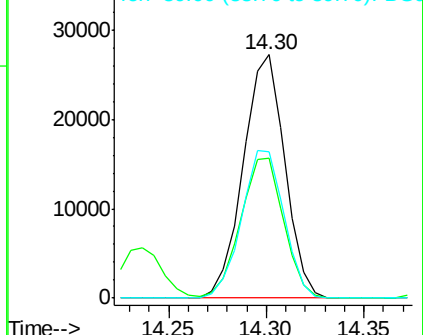
89 60.1 39.7 59.5#

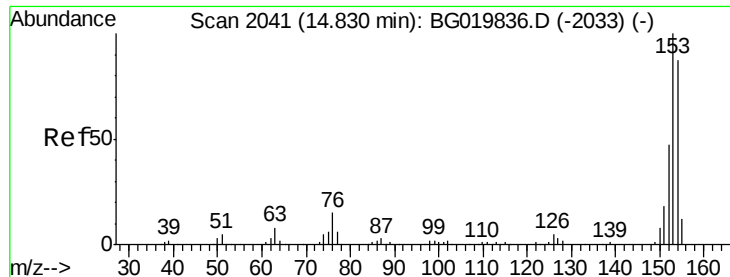


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 32.11 ng

RT: 14.79 min Scan# 2035

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

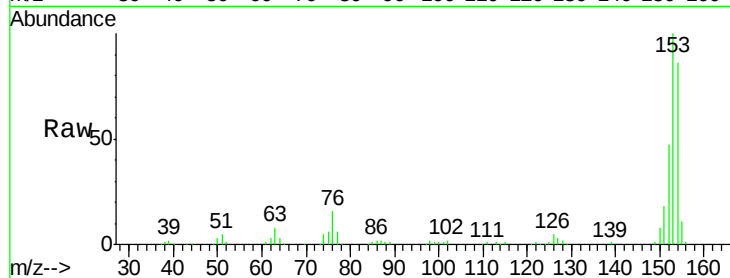
Tgt Ion:154 Resp: 127953

Ion Ratio Lower Upper

154 100

153 116.4 92.9 139.3

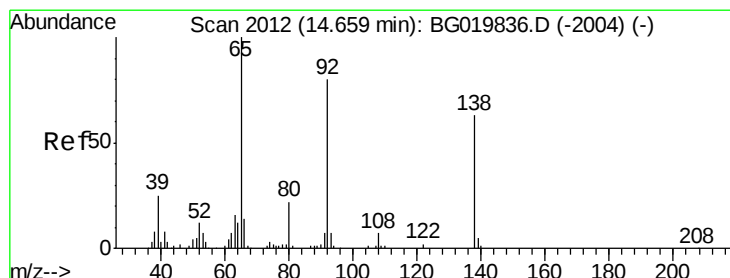
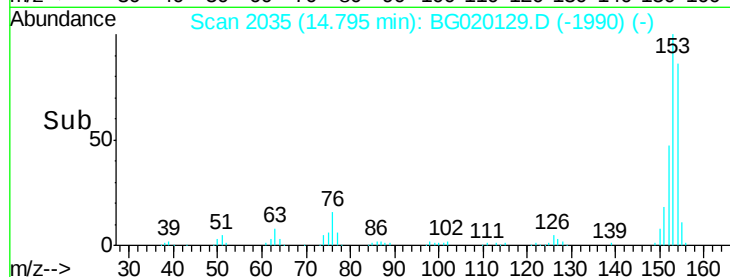
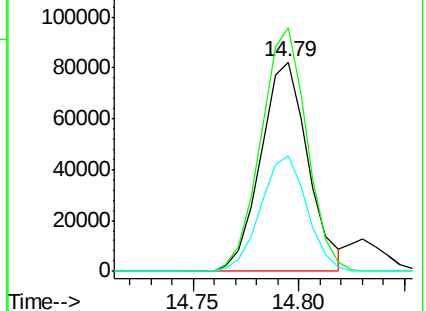
152 55.1 45.8 68.8



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: 30.09 ng

RT: 14.63 min Scan# 2007

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

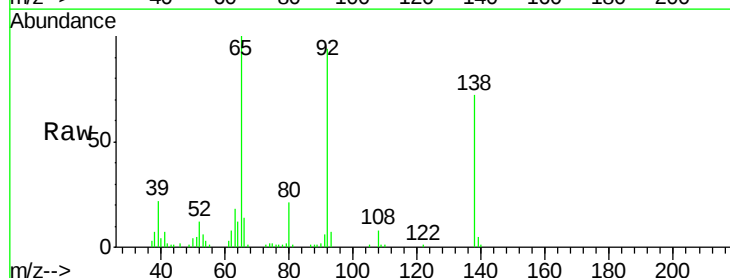
Tgt Ion:138 Resp: 32215

Ion Ratio Lower Upper

138 100

108 11.4 7.9 11.9

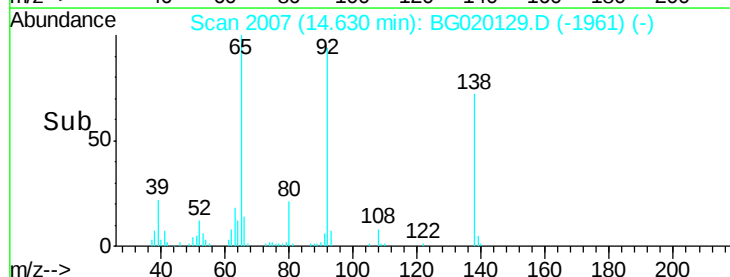
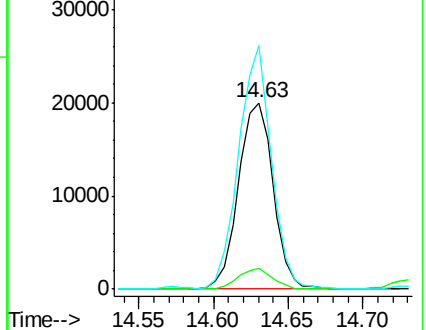
92 130.9 94.2 141.4

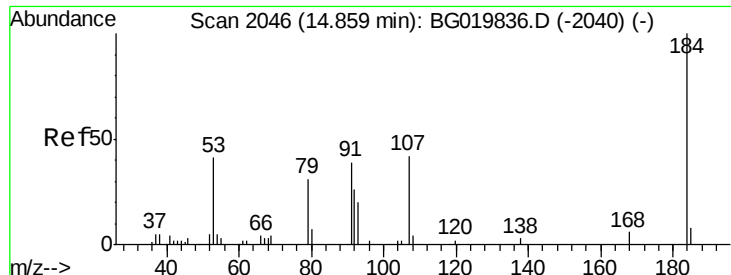


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

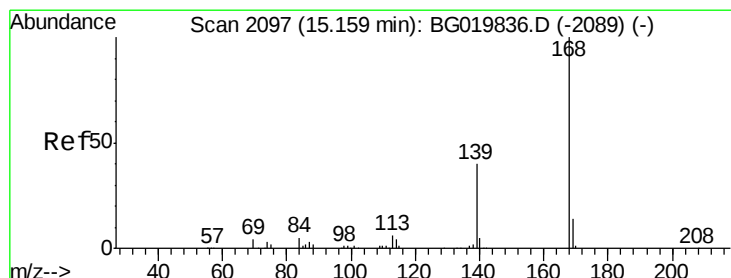
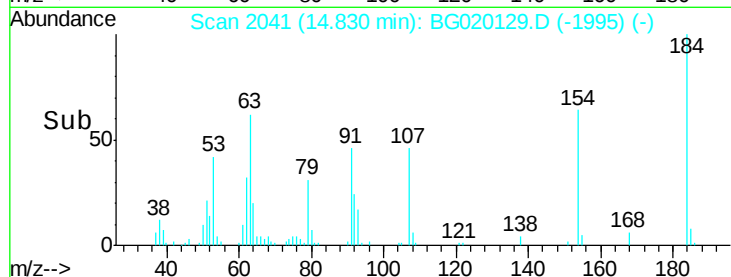
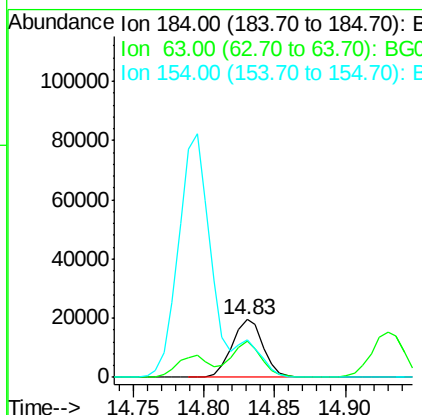
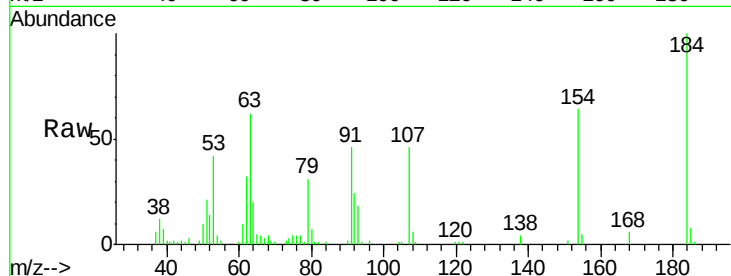




#53
2,4-Dinitrophenol
Concen: 57.61 ng
RT: 14.83 min Scan# 2041
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

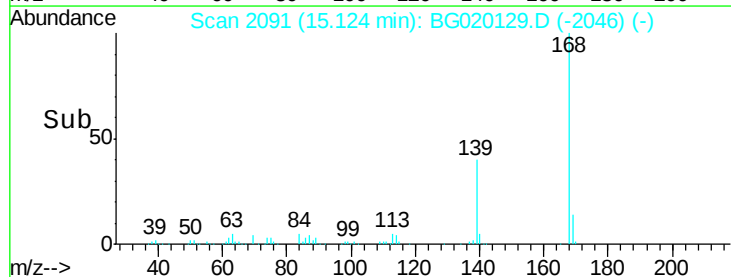
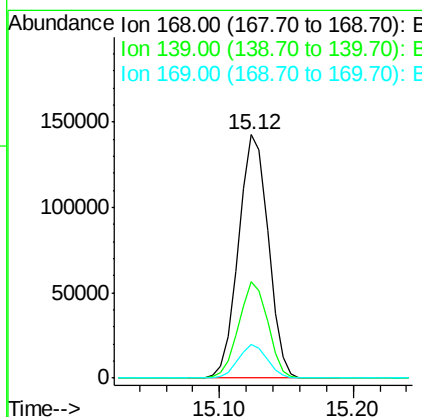
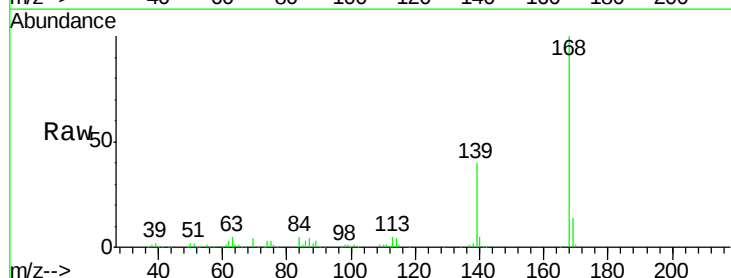
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

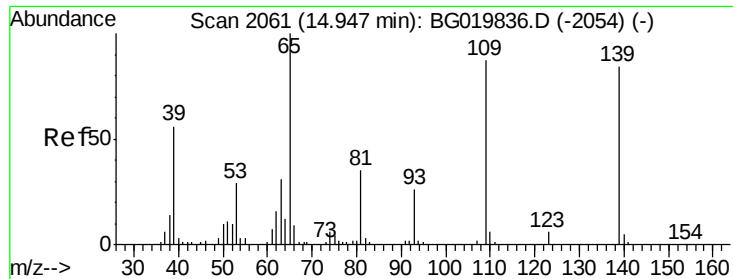
Tgt Ion:184 Resp: 29989
Ion Ratio Lower Upper
184 100
63 62.4 42.7 64.1
154 64.3 44.3 66.5



#54
Dibenzofuran
Concen: 37.00 ng
RT: 15.12 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:168 Resp: 219333
Ion Ratio Lower Upper
168 100
139 39.8 27.4 41.0
169 13.8 11.0 16.4





#55

4-Nitrophenol

Concen: 76.08 ng

RT: 14.93 min Scan# 2058

Delta R.T. -0.02 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

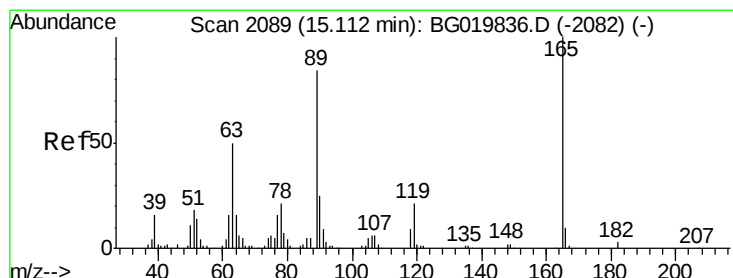
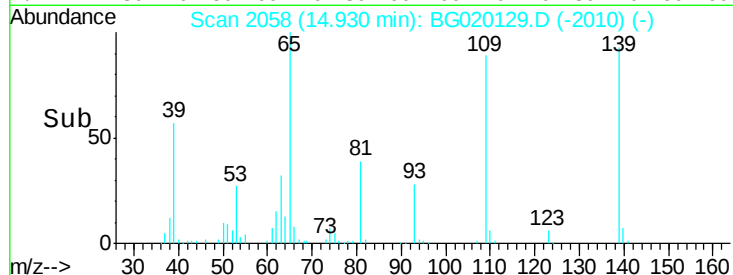
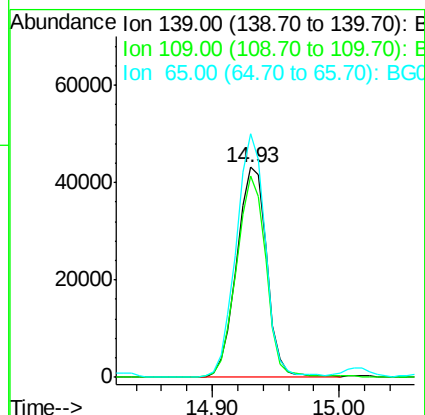
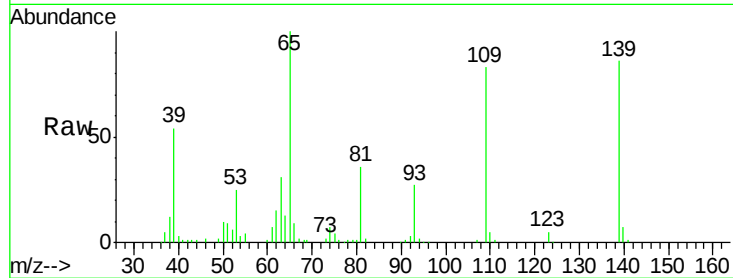
Tgt Ion:139 Resp: 70946

Ion Ratio Lower Upper

139 100

109 96.2 43.2 83.2#

65 116.0 67.8 107.8#



#56

2,4-Dinitrotoluene

Concen: 41.64 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Tgt Ion:165 Resp: 59871

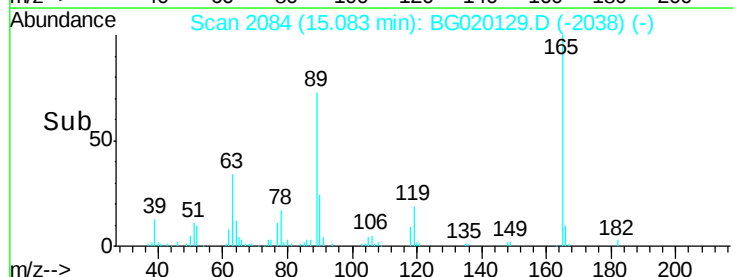
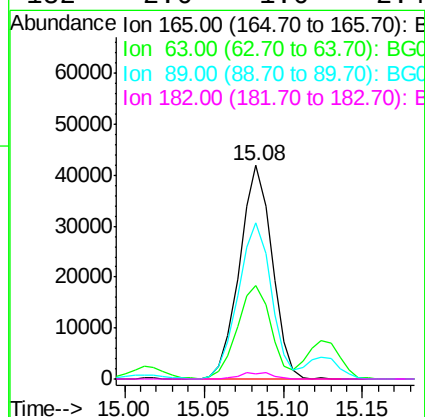
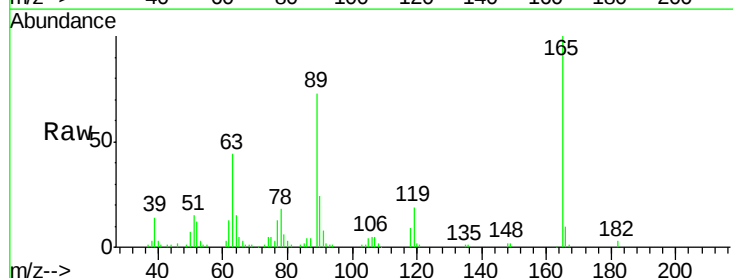
Ion Ratio Lower Upper

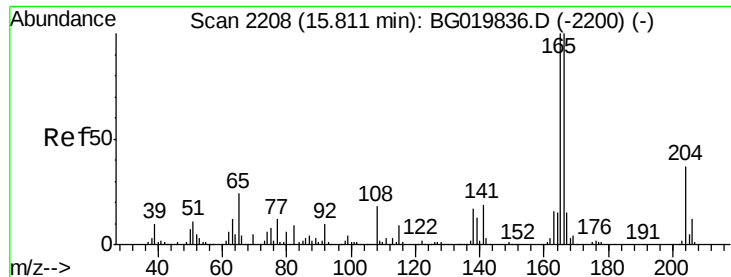
165 100

63 43.5 31.0 46.4

89 73.3 54.4 81.6

182 2.6 1.6 2.4#

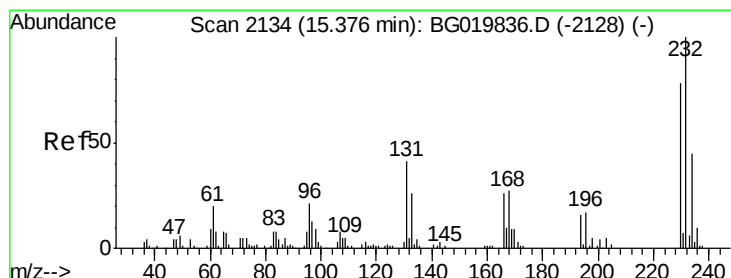
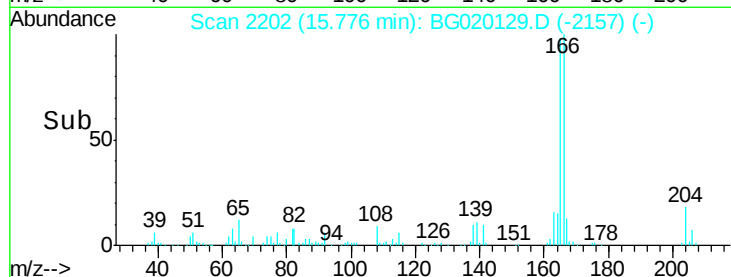
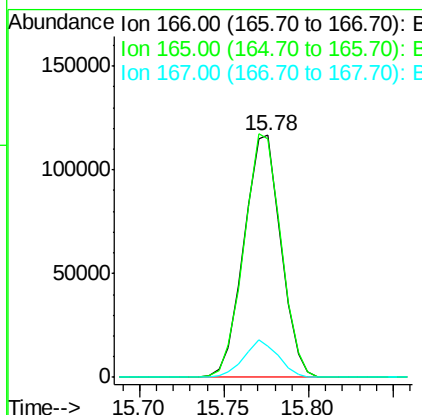
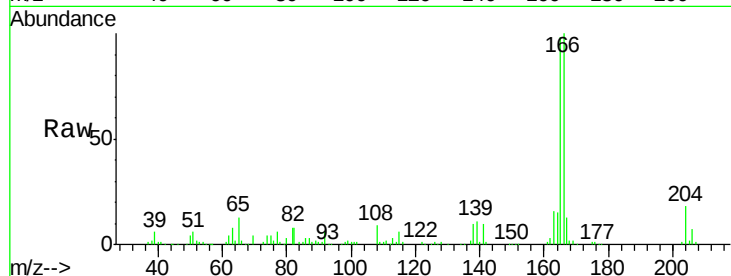




#57
Fluorene
 Concen: 33.48 ng
 RT: 15.78 min Scan# 2202
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

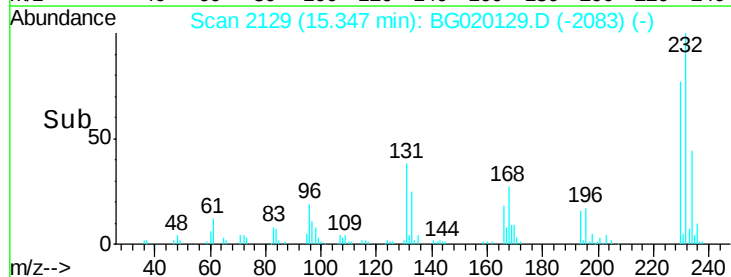
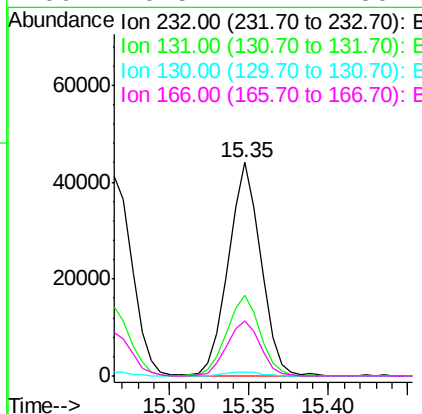
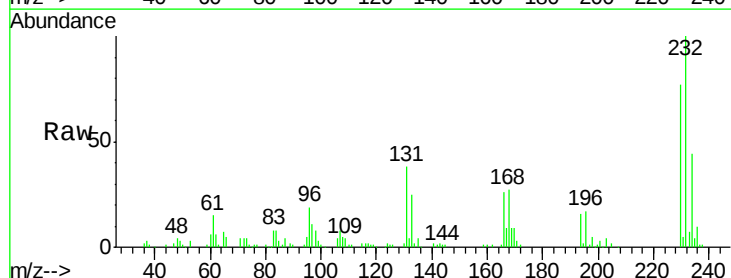
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

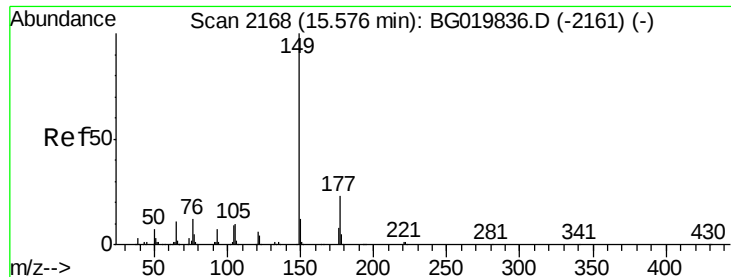
Tgt Ion:166 Resp: 177647
 Ion Ratio Lower Upper
 166 100
 165 98.5 80.0 120.0
 167 12.9 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 41.80 ng
 RT: 15.35 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:232 Resp: 62600
 Ion Ratio Lower Upper
 232 100
 131 38.7 33.0 49.6
 130 2.2 2.0 3.0
 166 26.5 24.1 36.1

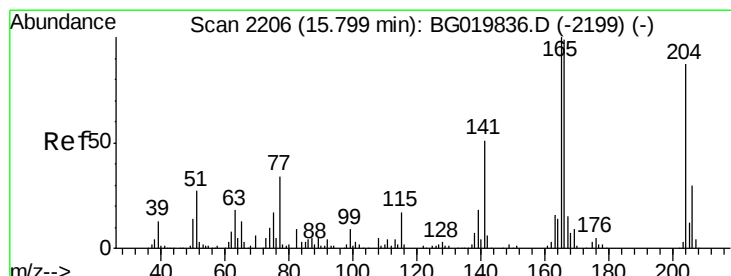
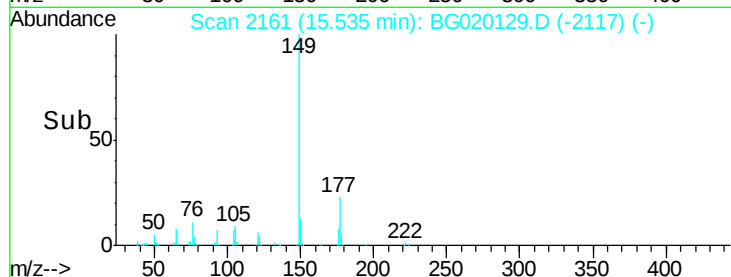
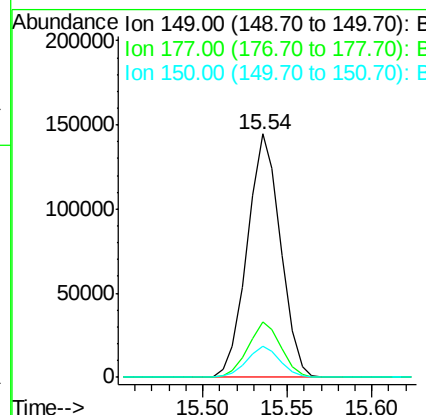
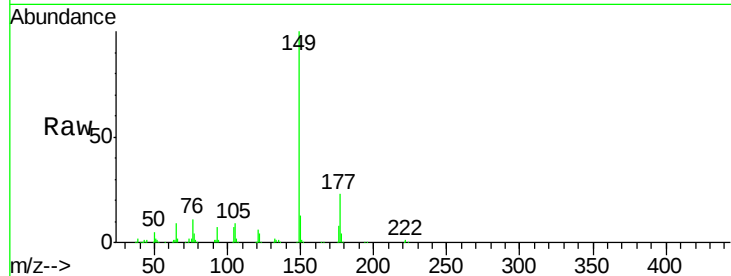




#59
Diethylphthalate
Concen: 33.39 ng
RT: 15.54 min Scan# 2161
Delta R.T. -0.04 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

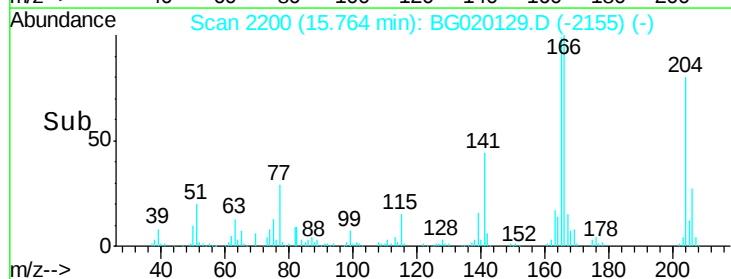
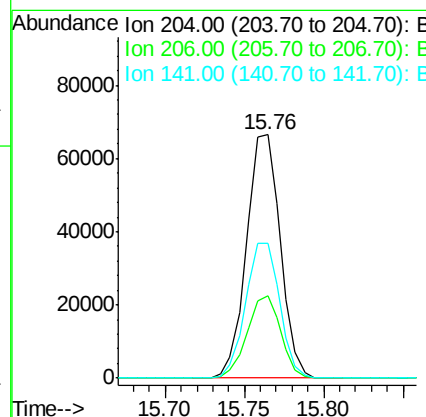
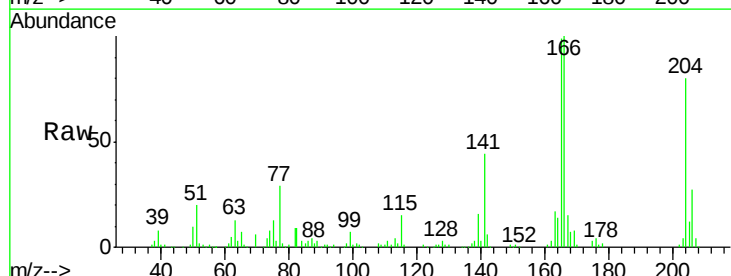
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

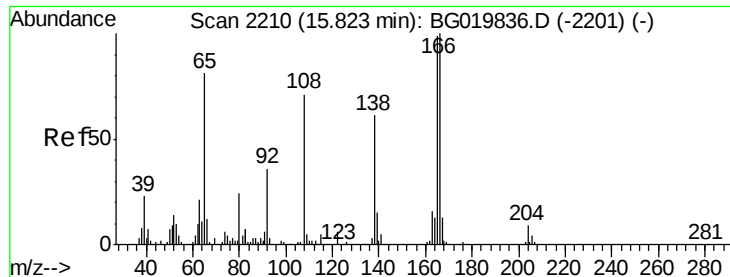
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.6	19.6	29.4
150	12.7	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 32.28 ng
RT: 15.76 min Scan# 2200
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.3	42.5
141	55.2	44.0	66.0





#61

4-Nitroaniline

Concen: 37.83 ng

RT: 15.79 min Scan# 2204

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

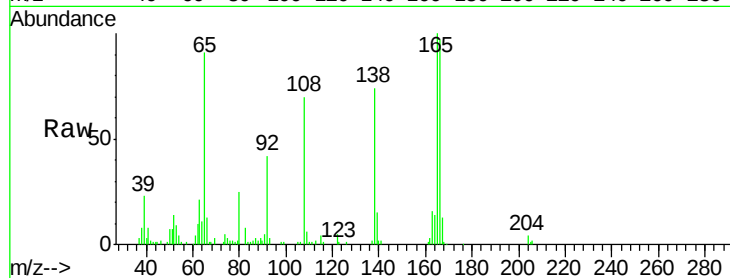
Tgt Ion:138 Resp: 45554

Ion Ratio Lower Upper

138 100

92 57.1 29.1 69.1

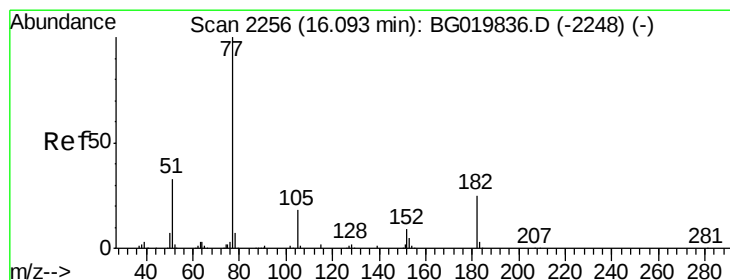
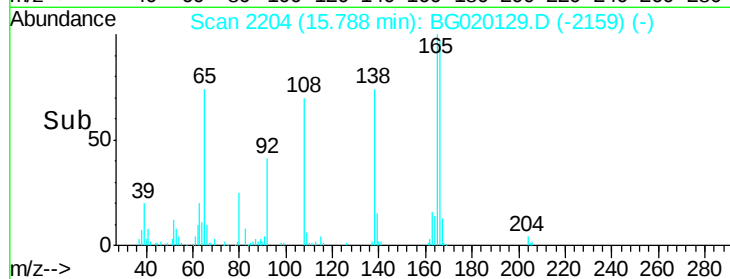
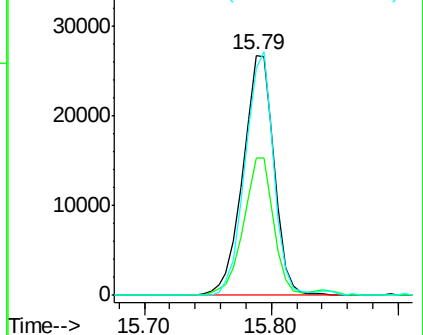
108 94.6 49.8 89.8#



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: 34.82 ng

RT: 16.05 min Scan# 2249

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Tgt Ion: 77 Resp: 171905

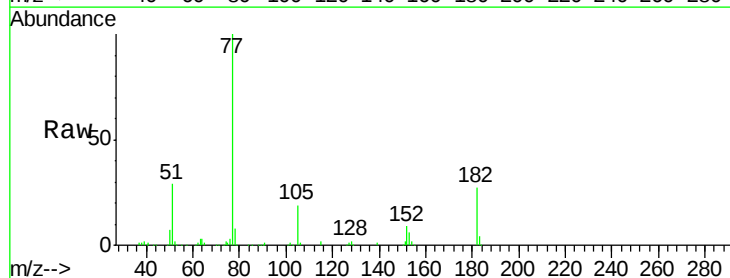
Ion Ratio Lower Upper

77 100

182 26.7 7.0 47.0

105 18.6 1.4 41.4

51 29.4 4.9 44.9

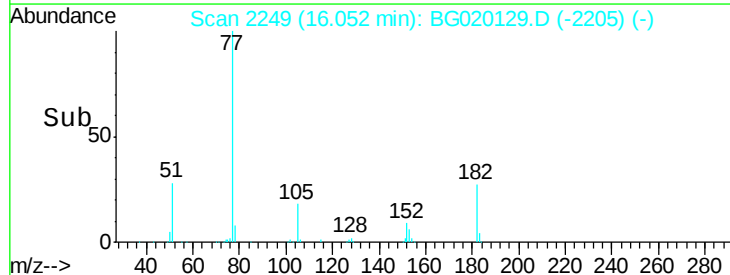
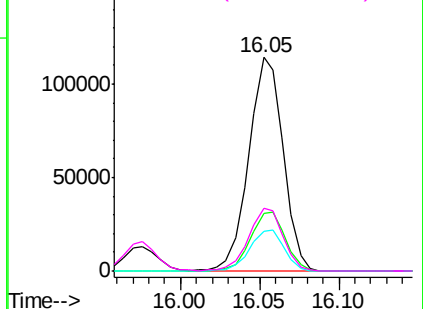


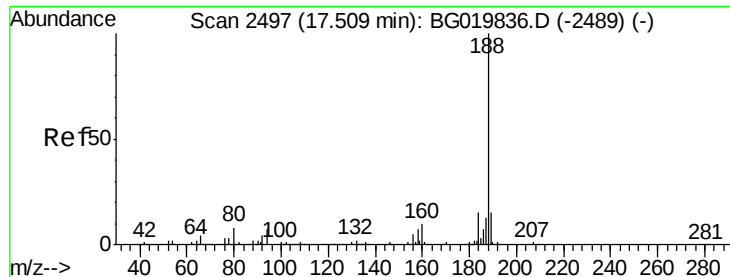
Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

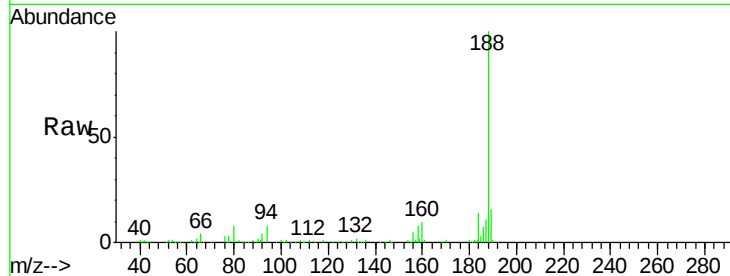
Tgt Ion:188 Resp: 160766

Ion Ratio Lower Upper

188 100

94 8.0 7.7 11.5

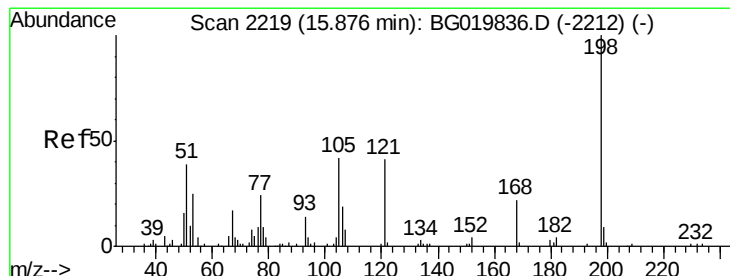
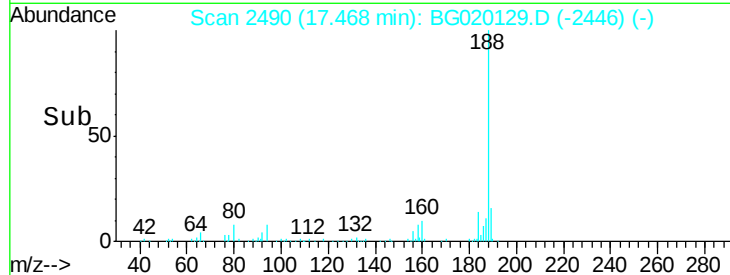
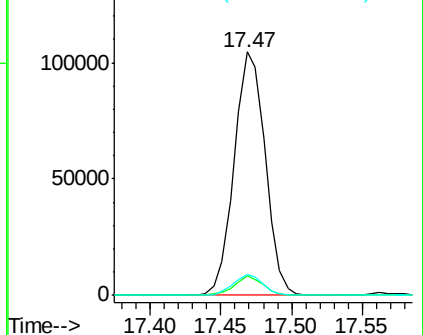
80 8.5 7.8 11.8



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: 40.63 ng

RT: 15.85 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

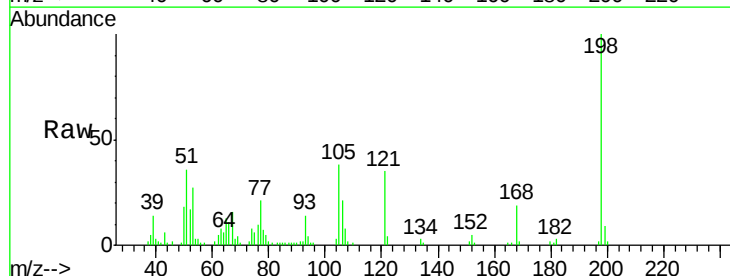
Tgt Ion:198 Resp: 35728

Ion Ratio Lower Upper

198 100

51 36.4 14.2 54.2

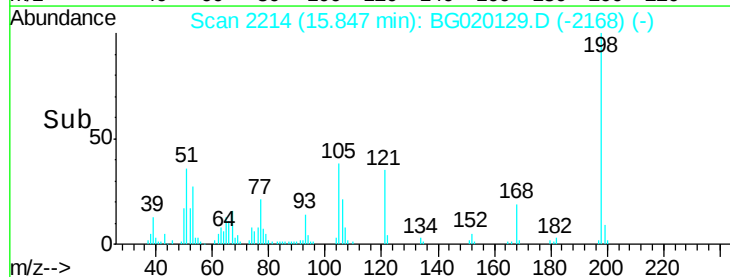
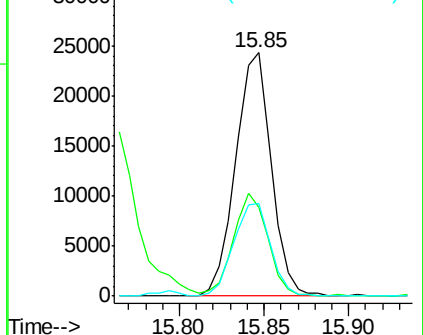
105 37.8 21.1 61.1

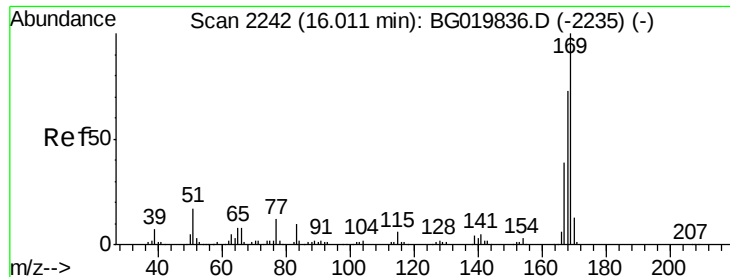


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

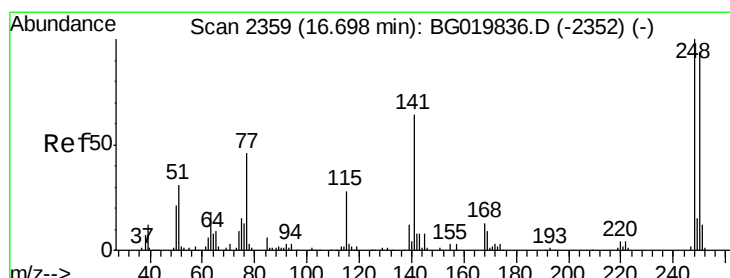
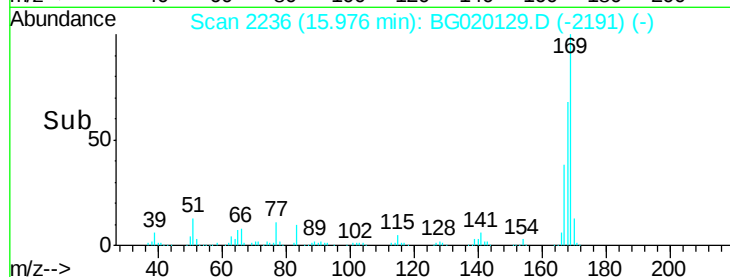
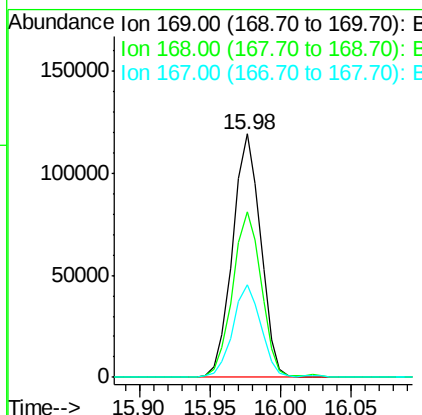
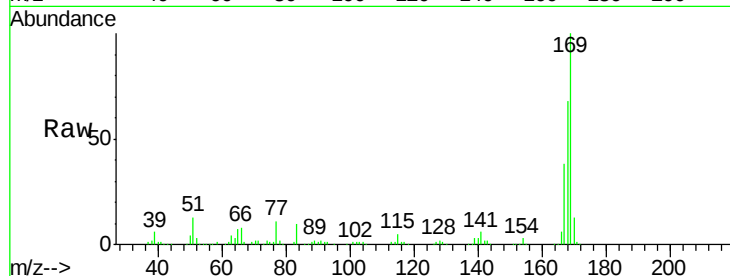




#65
 n-Nitrosodiphenylamine
 Concen: 35.53 ng
 RT: 15.98 min Scan# 2236
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

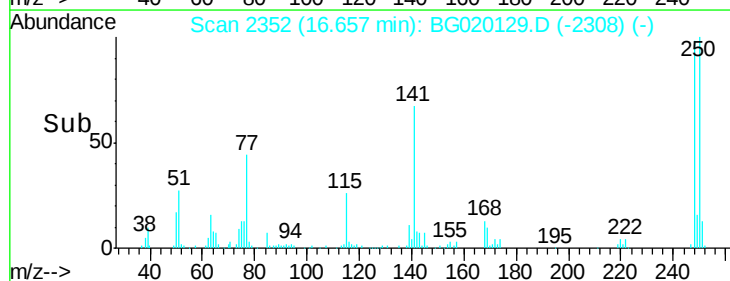
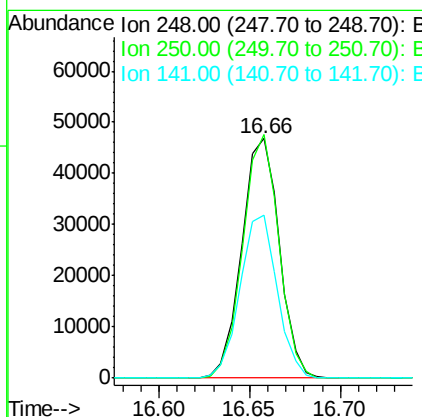
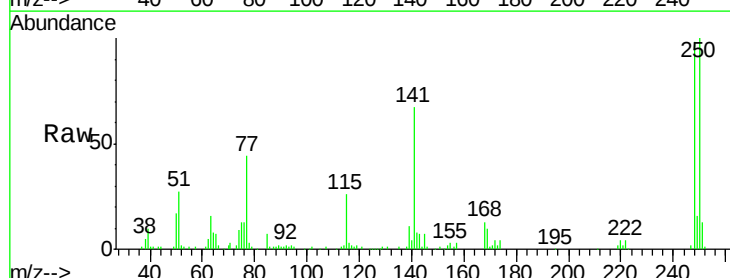
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

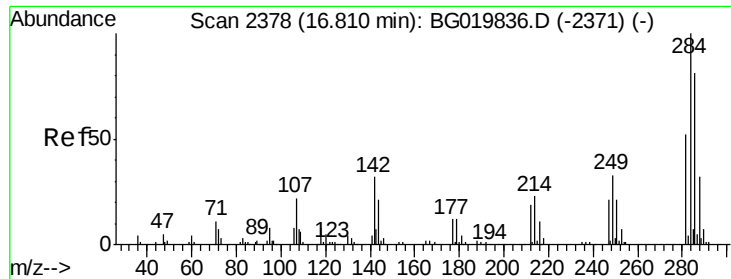
Tgt Ion:169 Resp: 165287
 Ion Ratio Lower Upper
 169 100
 168 67.8 58.2 87.2
 167 38.1 32.7 49.1



#66
 4-Bromophenyl-phenylether
 Concen: 33.70 ng
 RT: 16.66 min Scan# 2352
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion:248 Resp: 67320
 Ion Ratio Lower Upper
 248 100
 250 101.6 77.8 116.8
 141 67.8 50.4 75.6





#67

Hexachlorobenzene

Concen: 34.61 ng

RT: 16.77 min Scan# 2372

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

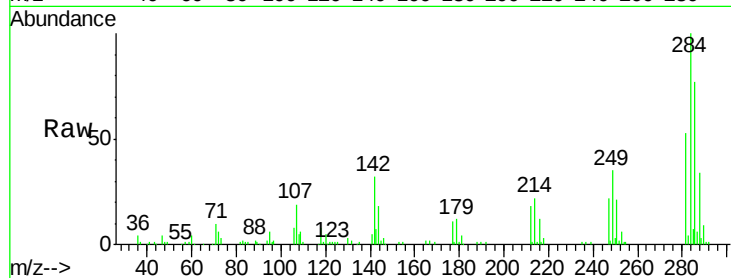
Tgt Ion:284 Resp: 72021

Ion Ratio Lower Upper

284 100

142 31.9 26.6 39.8

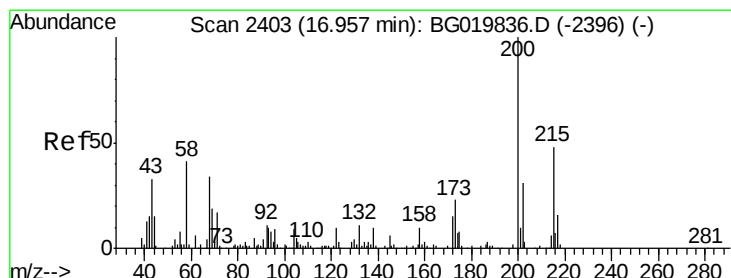
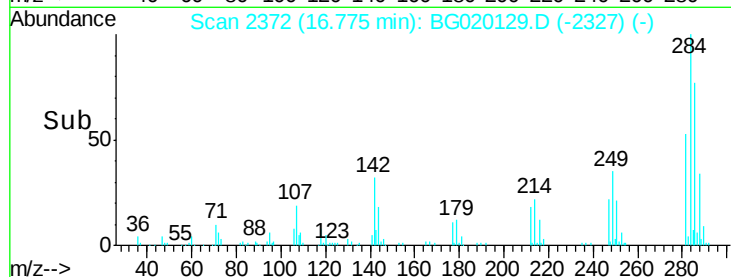
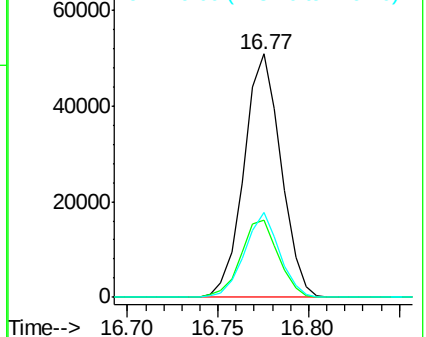
249 37.5 26.2 39.2



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: 35.90 ng

RT: 16.92 min Scan# 2397

Delta R.T. -0.03 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

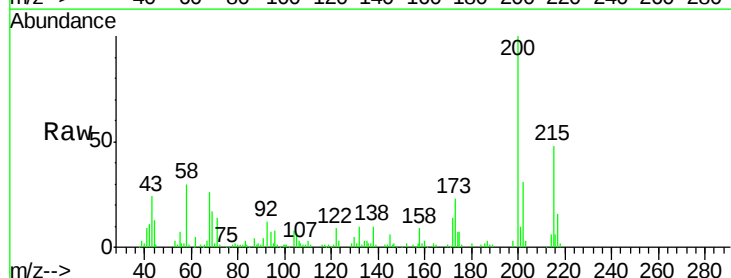
Tgt Ion:200 Resp: 72572

Ion Ratio Lower Upper

200 100

173 23.1 5.2 45.2

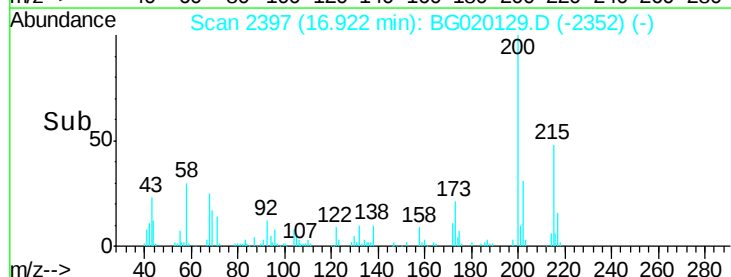
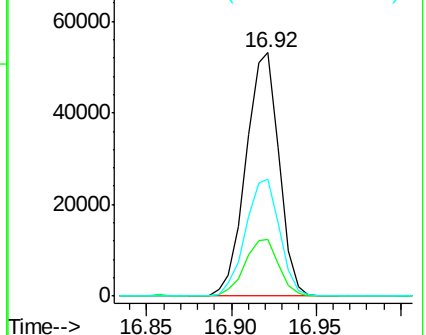
215 48.1 27.0 67.0

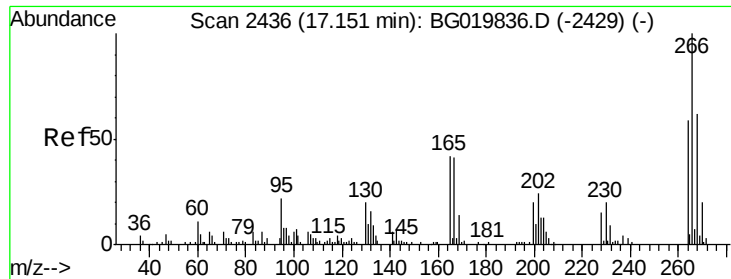


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

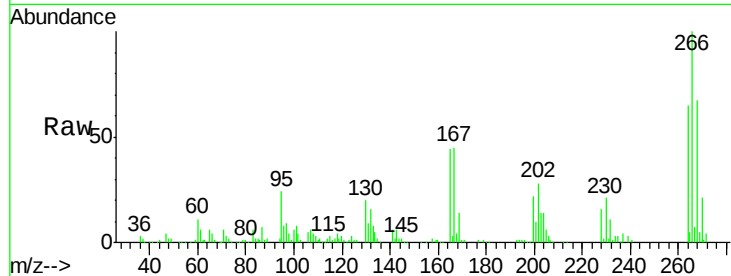




#69
 Pentachlorophenol
 Concen: 75.51 ng
 RT: 17.12 min Scan# 2430
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	47.6	71.4
264	65.3	48.1	72.1

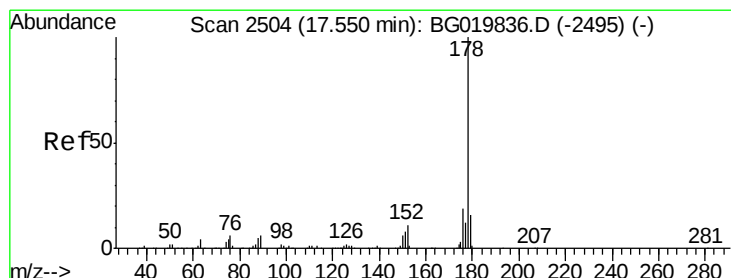
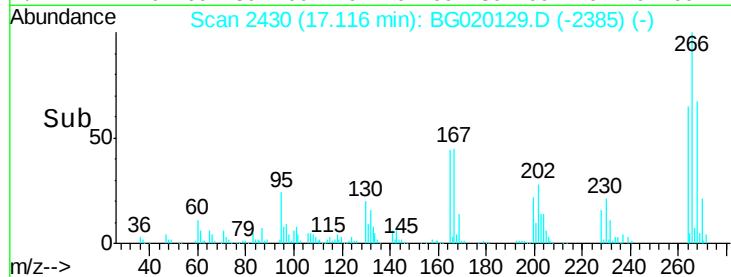
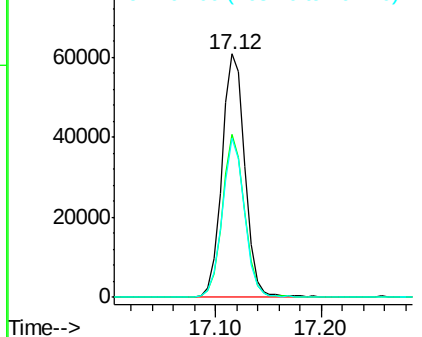


Abundance

Ion 265.70 (265.40 to 266.40): E

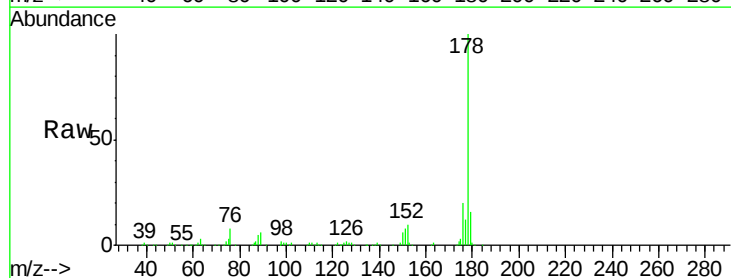
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 34.79 ng
 RT: 17.52 min Scan# 2498
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.7	25.1
179	16.2	13.9	20.9

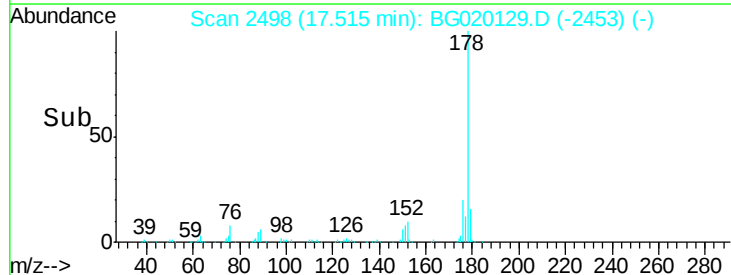
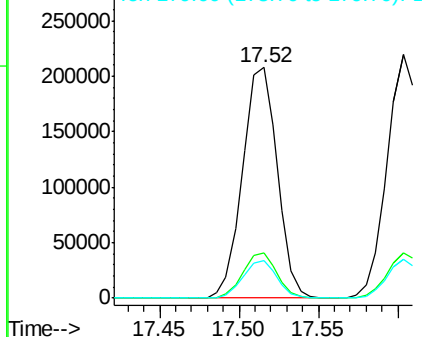


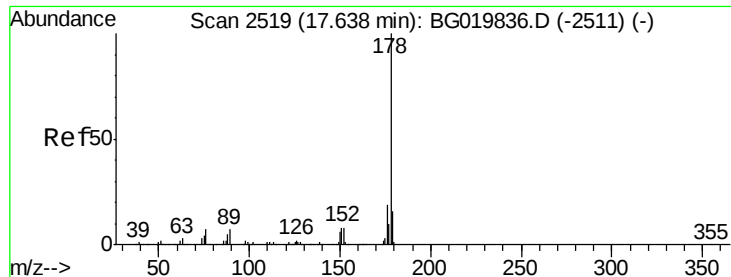
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

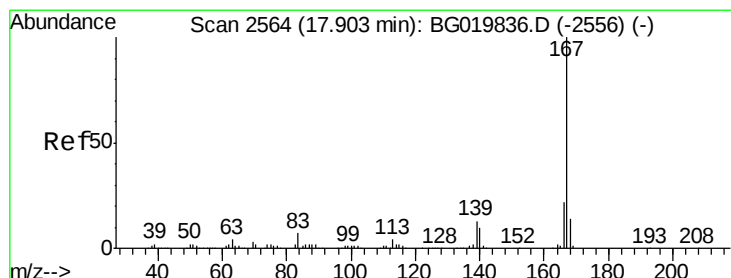
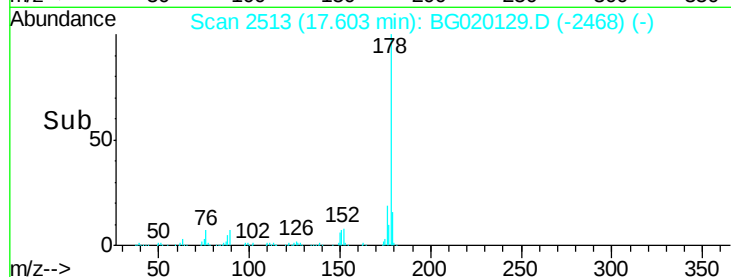
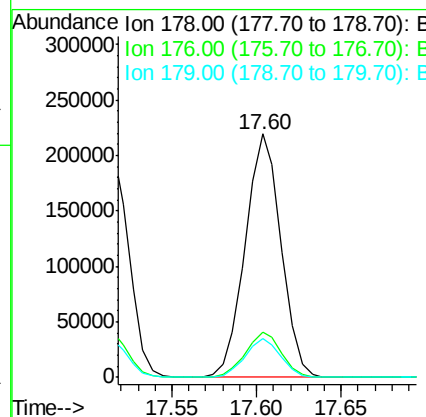
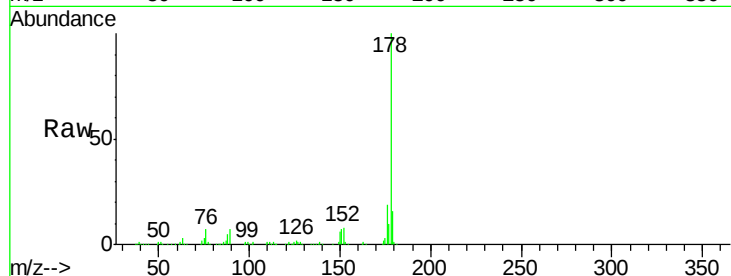




#71
 Anthracene
 Concen: 34.77 ng
 RT: 17.60 min Scan# 2513
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

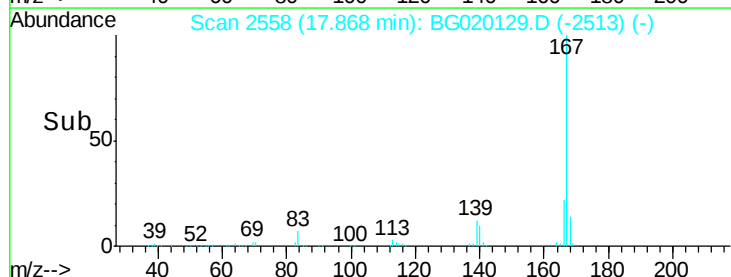
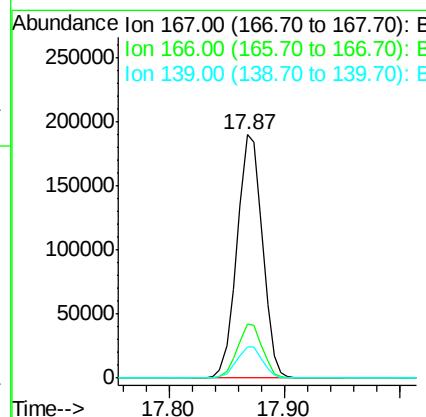
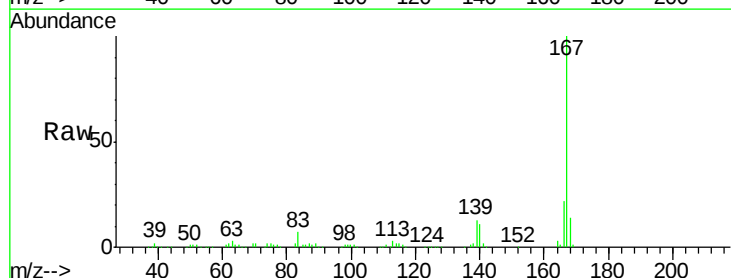
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

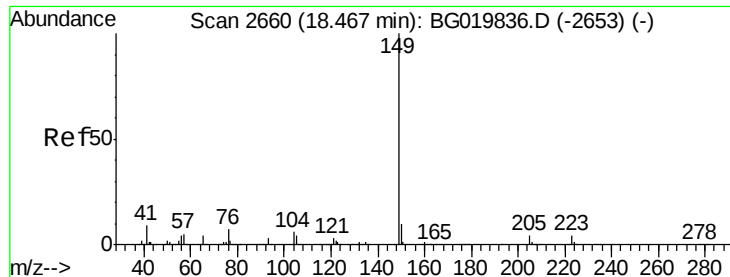
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.8	25.2
179	15.8	13.9	20.9



#72
 Carbazole
 Concen: 35.51 ng
 RT: 17.87 min Scan# 2558
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	19.0	28.6
139	13.0	10.2	15.4

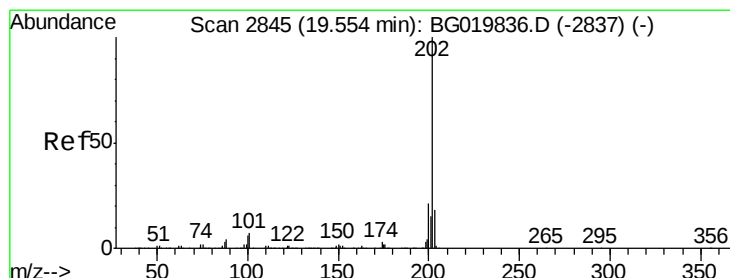
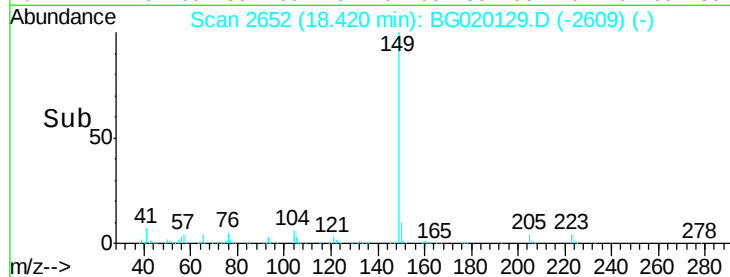
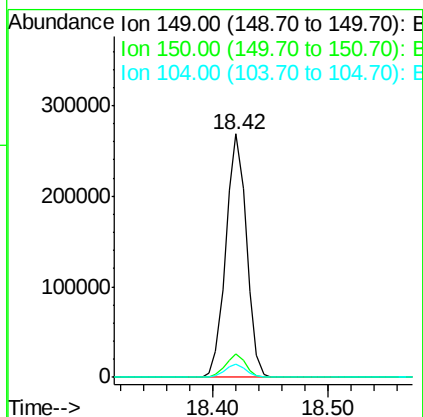
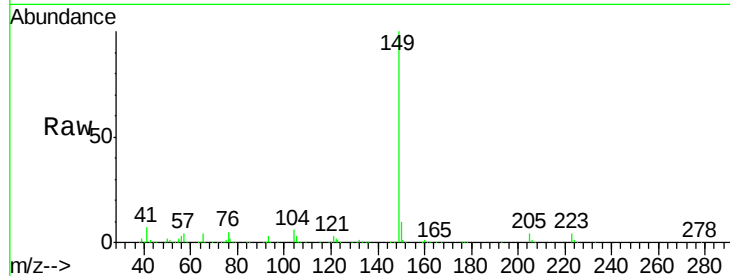




#73
Di-n-butylphthalate
Concen: 33.14 ng
RT: 18.42 min Scan# 2652
Delta R.T. -0.05 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

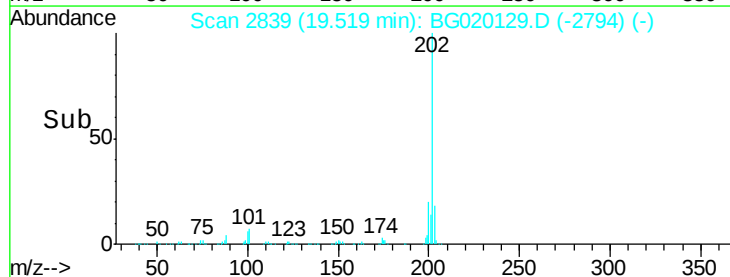
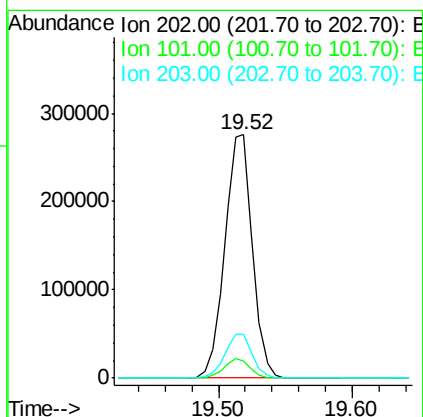
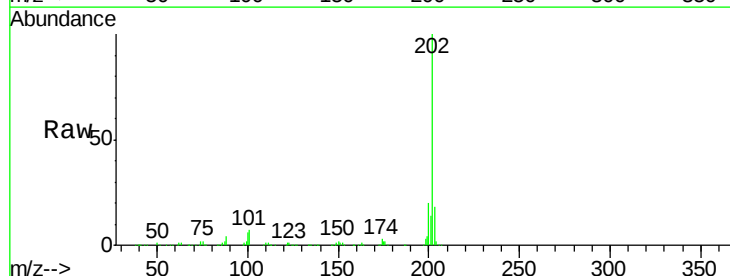
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

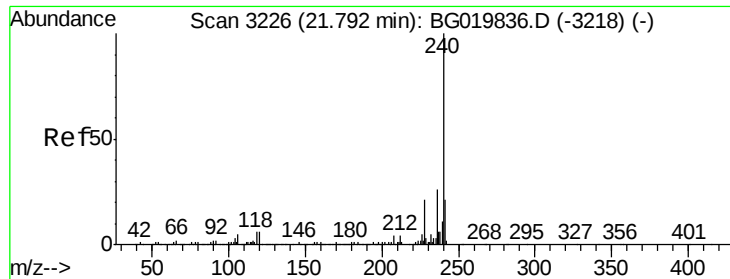
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.2	12.4
104	5.7	4.4	6.6



#74
Fluoranthene
Concen: 34.19 ng
RT: 19.52 min Scan# 2839
Delta R.T. -0.03 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.9	0.0	32.4
203	17.8	0.0	39.5

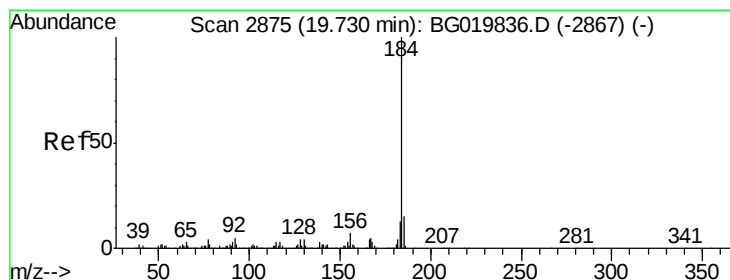
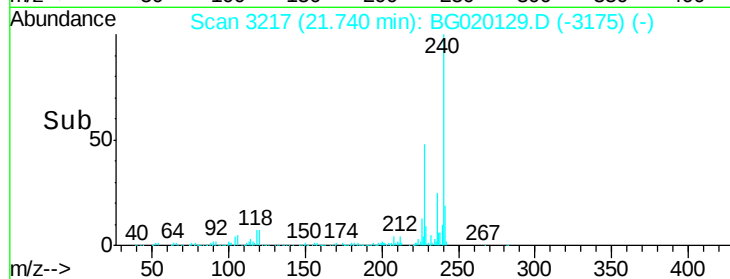
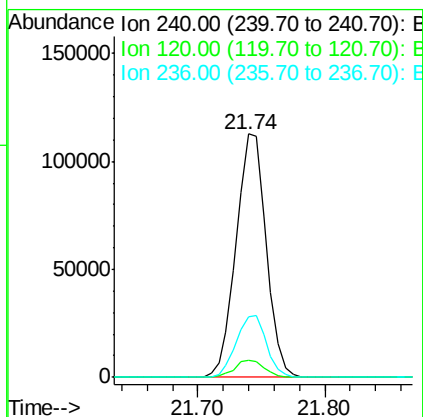
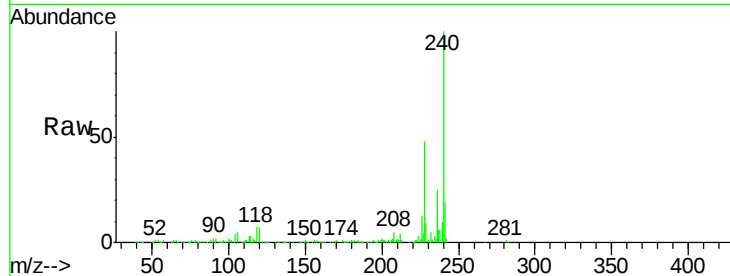




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.74 min Scan# 3217
 Delta R.T. -0.05 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

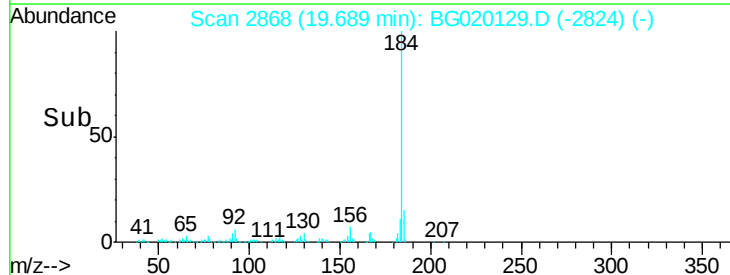
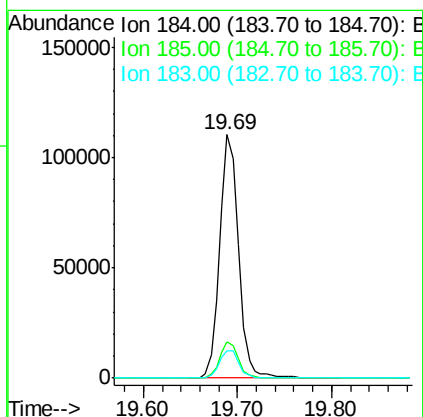
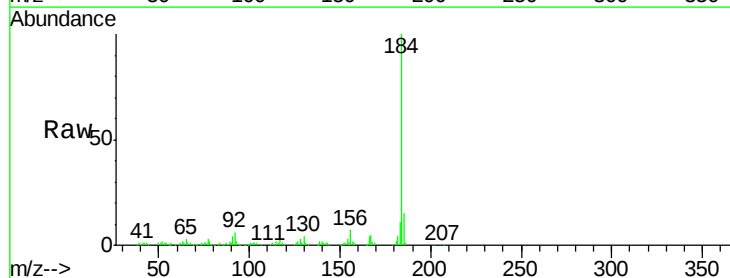
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

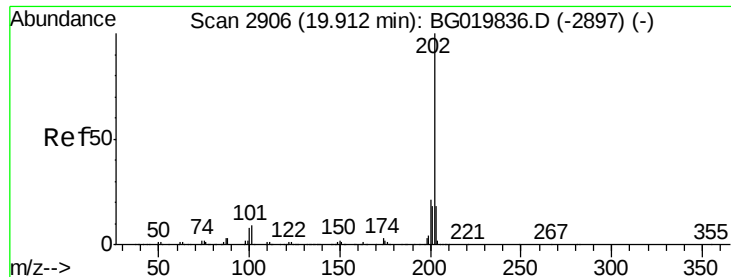
Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.4	11.0#
236	25.0	20.7	31.1



#76
 Benzidine
 Concen: 25.52 ng
 RT: 19.69 min Scan# 2868
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.7	13.4	20.2
183	11.3	10.1	15.1

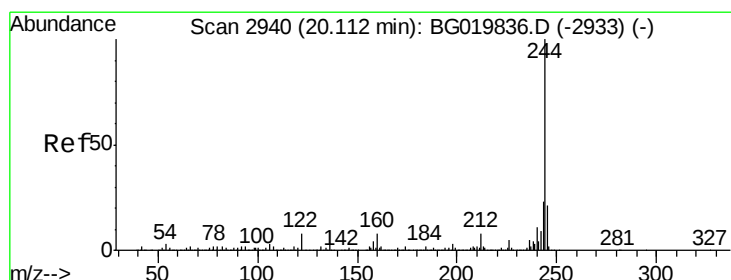
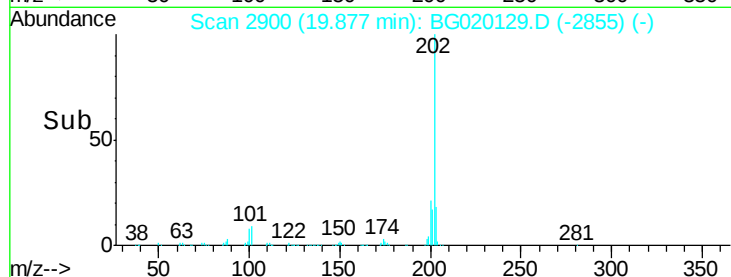
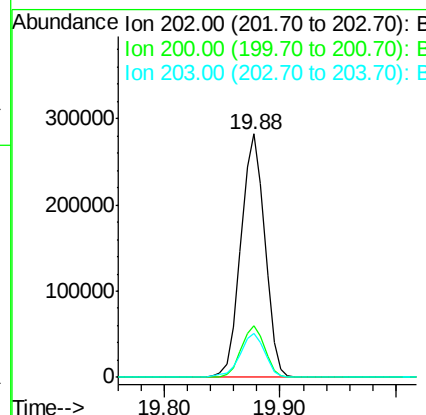
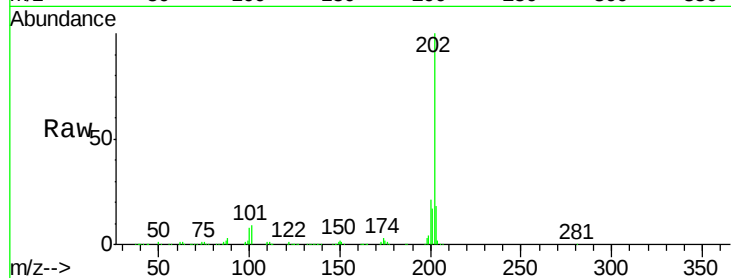




#77
 Pyrene
 Concen: 37.30 ng
 RT: 19.88 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

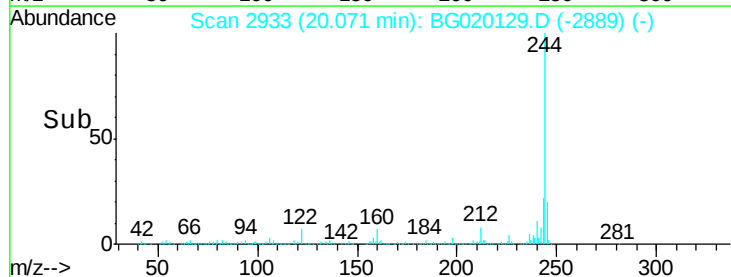
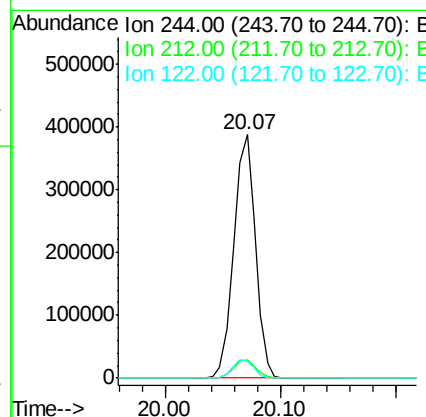
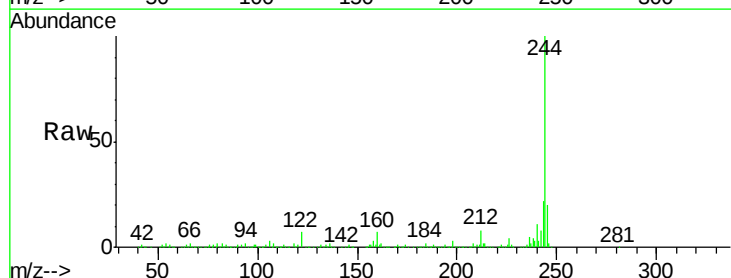
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

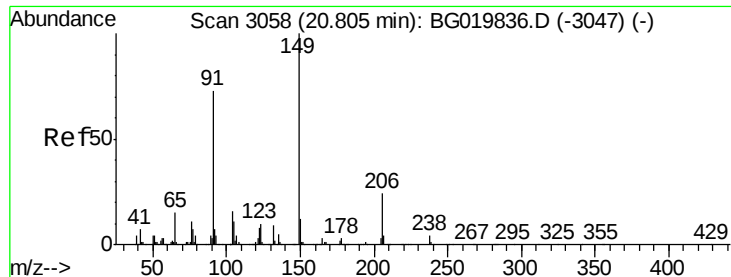
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	19.4	29.0
203	18.1	15.5	23.3



#78
 Terphenyl-d14
 Concen: 66.14 ng
 RT: 20.07 min Scan# 2933
 Delta R.T. -0.04 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.9	10.3
122	7.2	10.2	15.2#

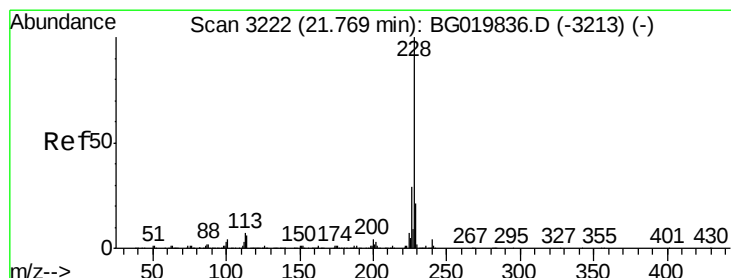
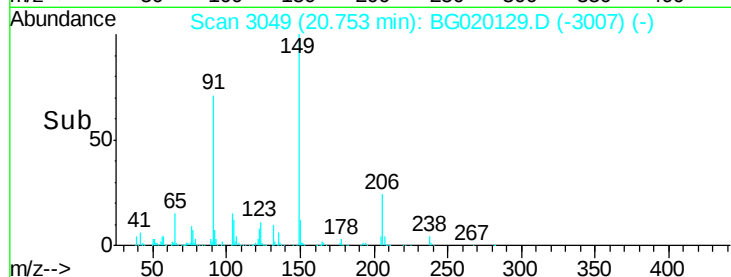
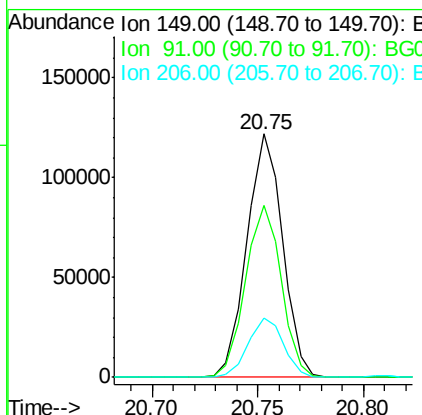
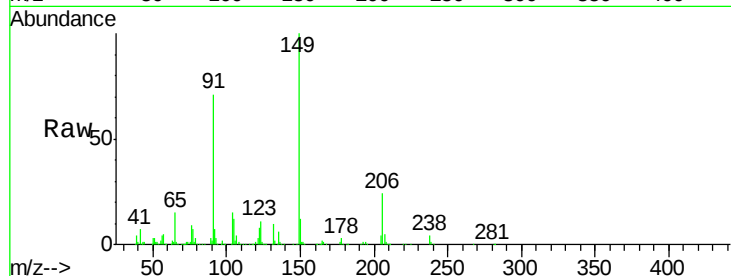




#79
Butylbenzylphthalate
Concen: 33.65 ng
RT: 20.75 min Scan# 3049
Delta R.T. -0.05 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

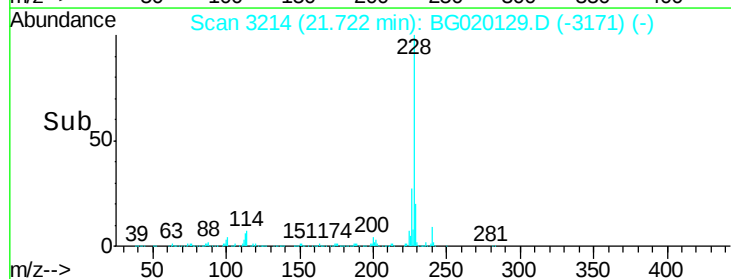
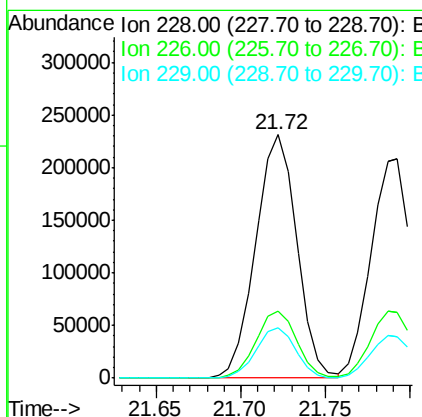
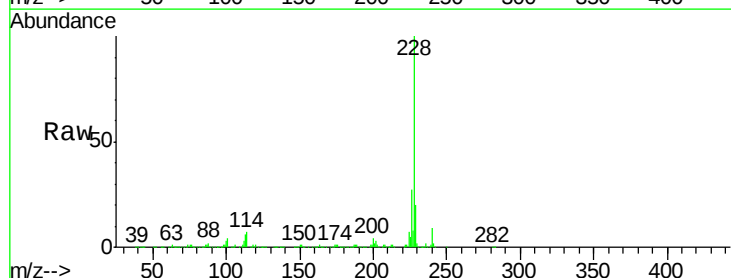
Instrument :
BNA_G
ClientSampleId :
121015-D534-E-U-MMS

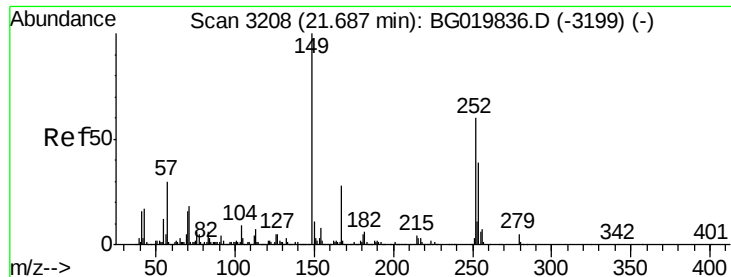
Tgt Ion:149 Resp: 143575
Ion Ratio Lower Upper
149 100
91 70.6 58.1 87.1
206 24.2 17.8 26.8



#80
Benzo(a)anthracene
Concen: 34.57 ng
RT: 21.72 min Scan# 3214
Delta R.T. -0.05 min
Lab File: BG020129.D
Acq: 12 Dec 2015 5:53

Tgt Ion:228 Resp: 391571
Ion Ratio Lower Upper
228 100
226 27.4 23.4 35.0
229 20.4 16.6 25.0

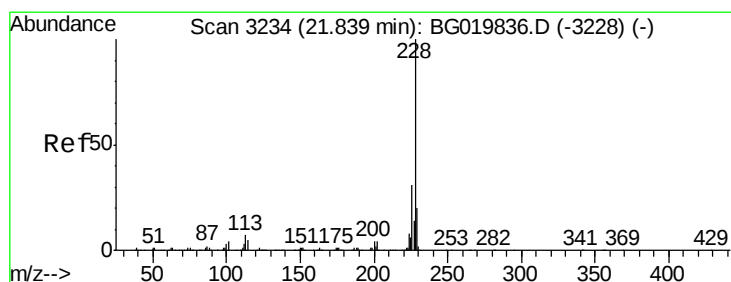
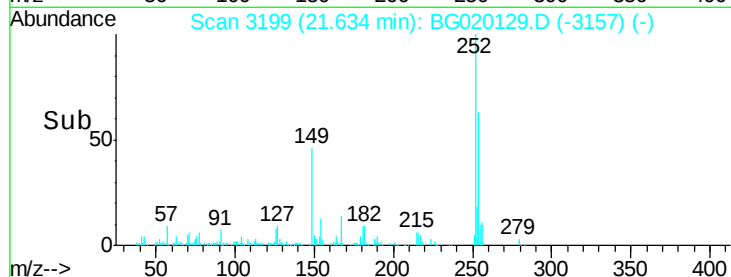
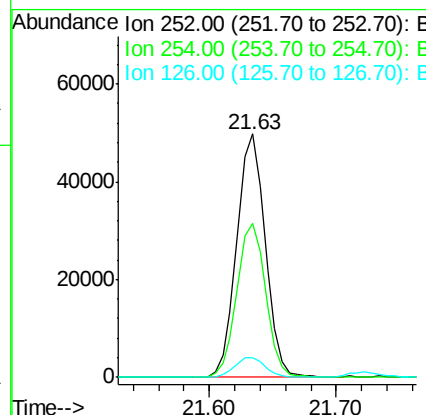
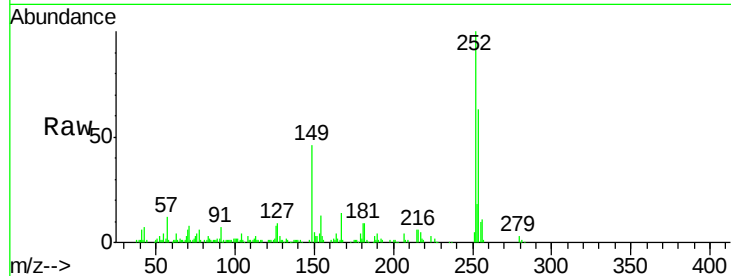




#81
 3,3'-Dichlorobenzidine
 Concen: 17.95 ng
 RT: 21.63 min Scan# 3199
 Delta R.T. -0.05 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

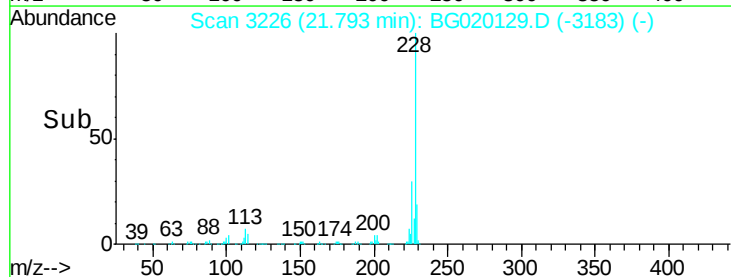
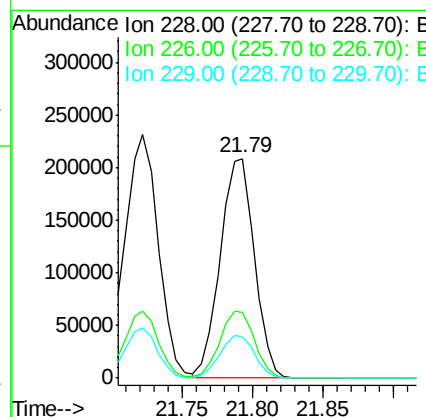
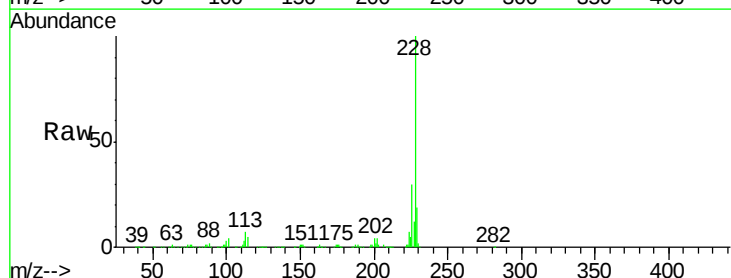
Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

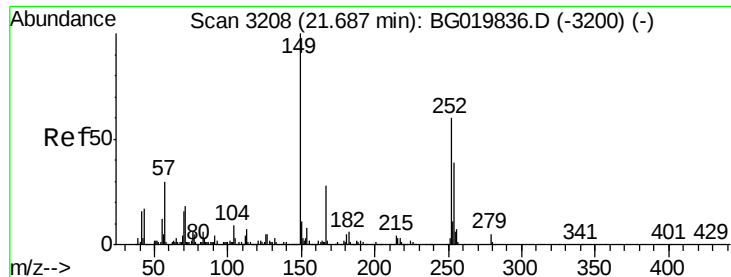
Tgt Ion: 252 Resp: 77418
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.5 78.7
 126 8.1 8.5 12.7#



#82
 Chrysene
 Concen: 32.46 ng
 RT: 21.79 min Scan# 3226
 Delta R.T. -0.05 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion: 228 Resp: 349060
 Ion Ratio Lower Upper
 228 100
 226 29.9 26.7 40.1
 229 19.1 17.0 25.6

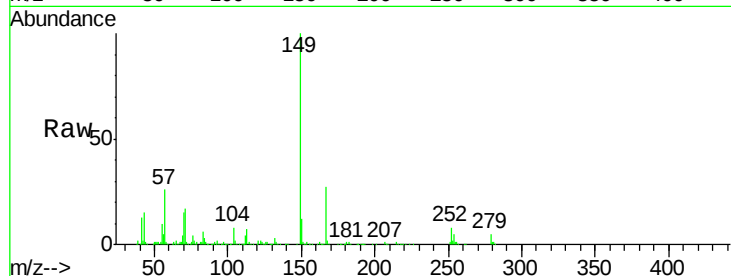




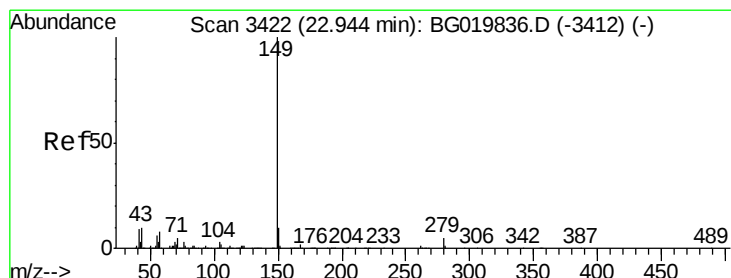
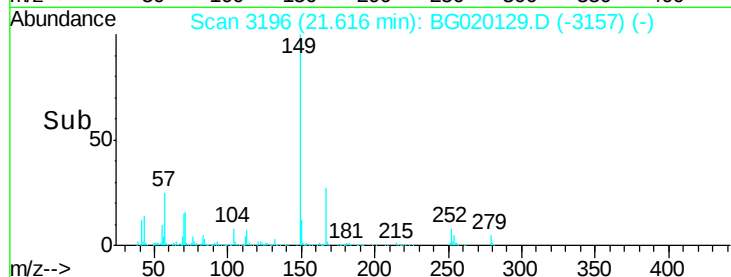
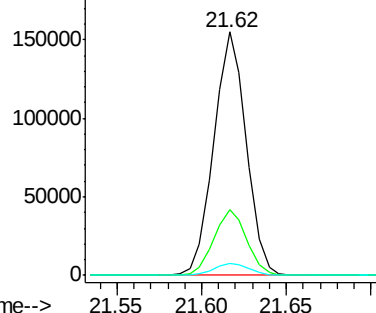
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.98 ng
 RT: 21.62 min Scan# 3196
 Delta R.T. -0.07 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.8	35.8
279	5.0	3.4	5.2

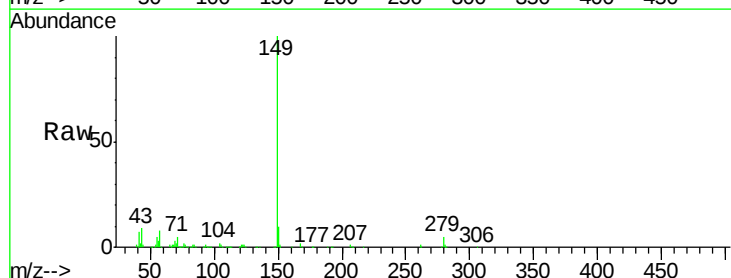


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

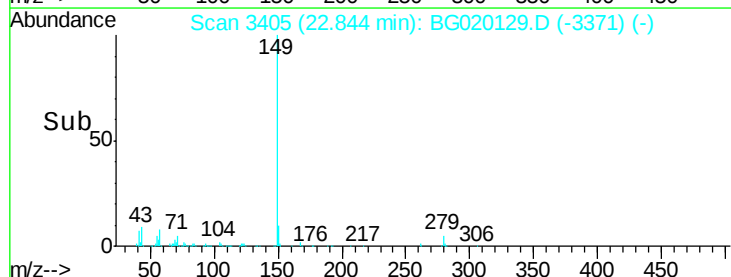
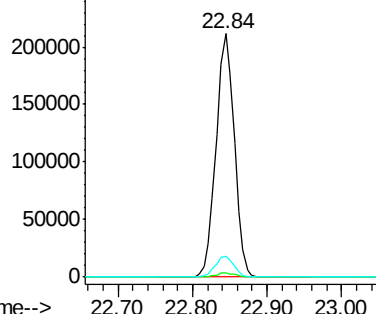


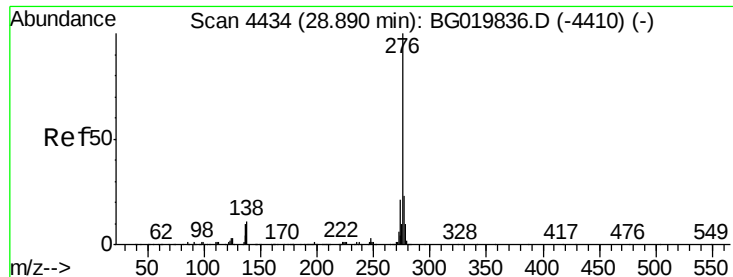
#84
 Di-n-octyl phthalate
 Concen: 35.22 ng
 RT: 22.84 min Scan# 3405
 Delta R.T. -0.10 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.2	1.8
43	8.7	5.9	8.9



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BG0





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.48 ng

RT: 28.74 min Scan# 4408

Delta R.T. -0.15 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

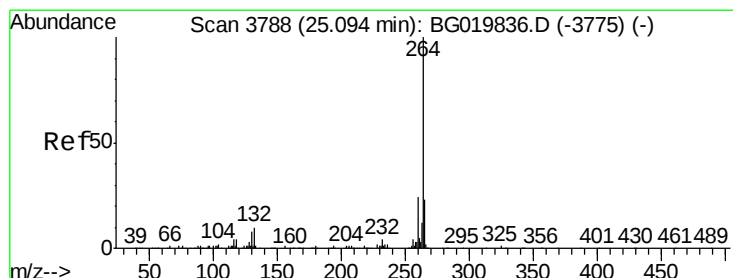
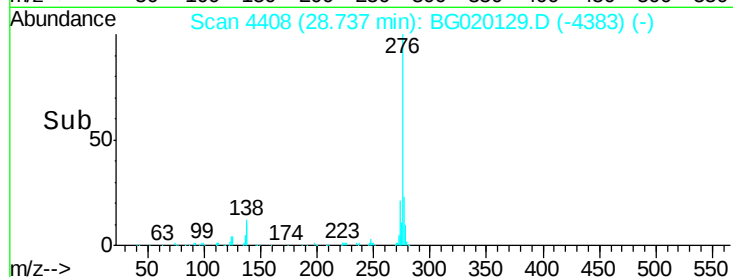
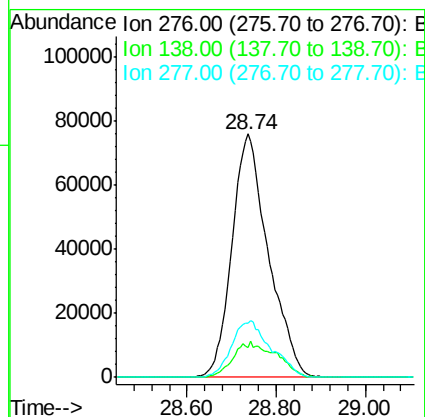
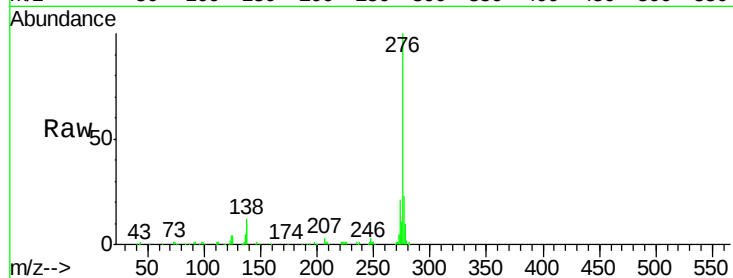
Tgt Ion:276 Resp: 432180

Ion Ratio Lower Upper

276 100

138 6.5 0.0 0.0#

277 25.2 0.0 0.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.01 min Scan# 3773

Delta R.T. -0.09 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

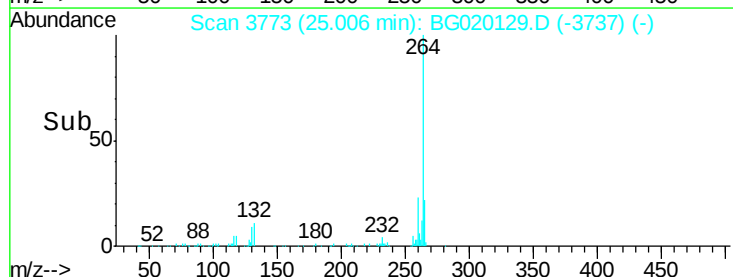
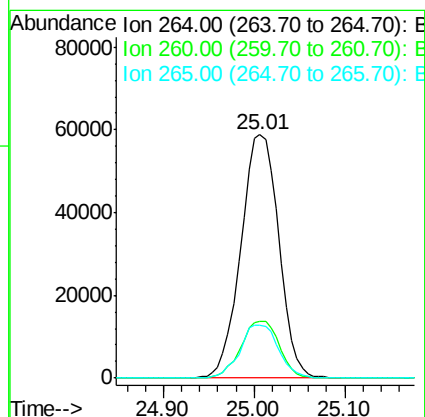
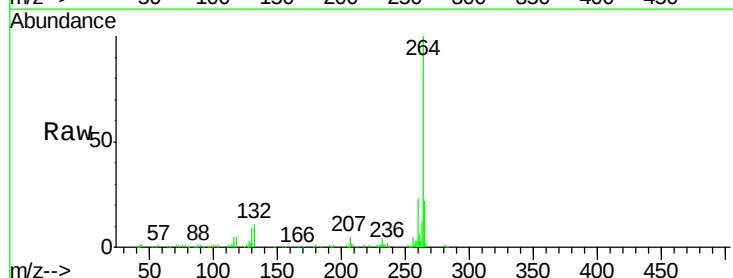
Tgt Ion:264 Resp: 171292

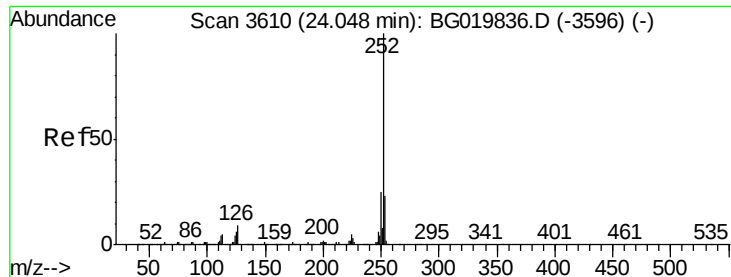
Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 34.87 ng

RT: 23.97 min Scan# 3597

Delta R.T. -0.08 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

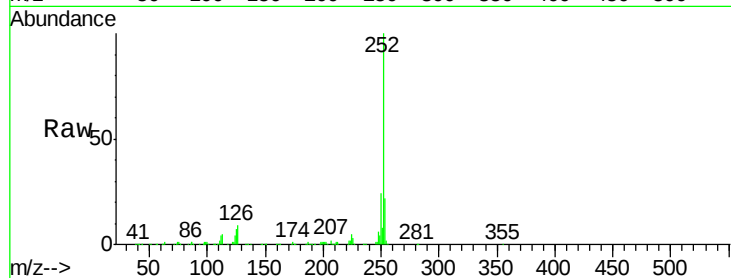
Tgt Ion:252 Resp: 378590

Ion Ratio Lower Upper

252 100

253 22.1 19.1 28.7

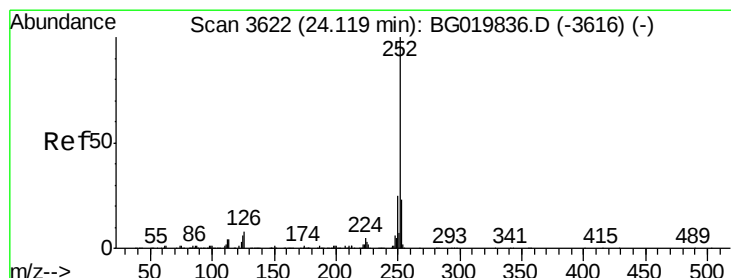
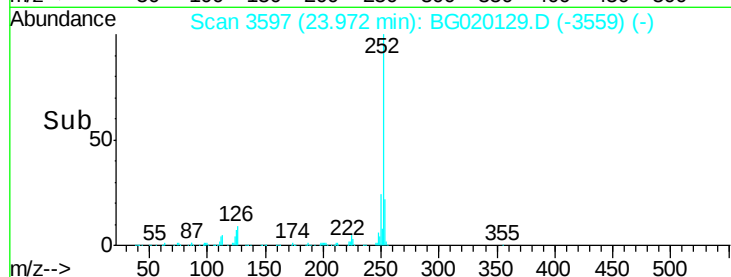
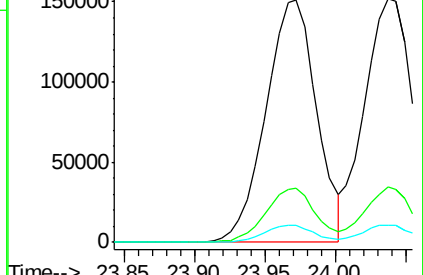
125 6.9 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 33.84 ng

RT: 24.04 min Scan# 3608

Delta R.T. -0.08 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

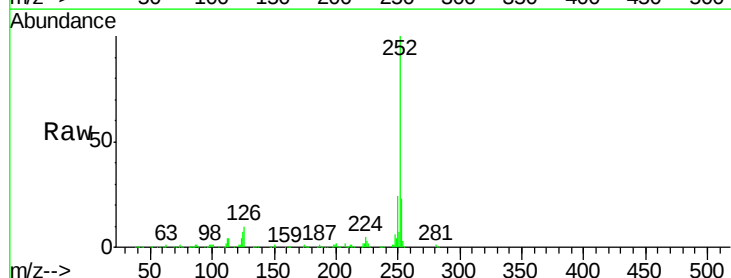
Tgt Ion:252 Resp: 363884

Ion Ratio Lower Upper

252 100

253 22.7 19.0 28.4

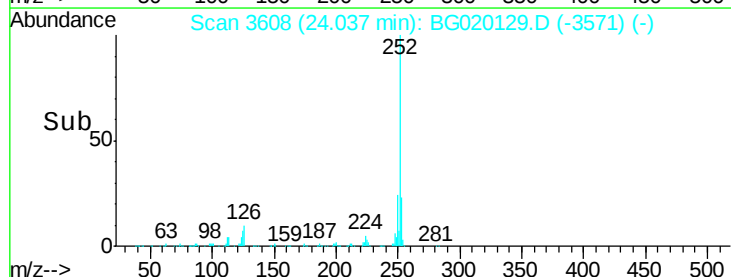
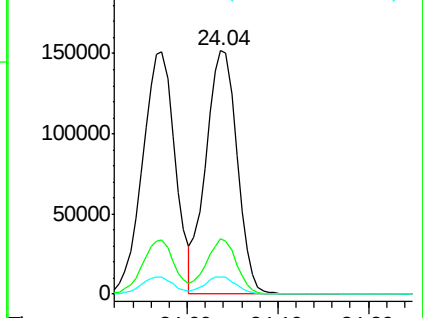
125 7.1 8.9 13.3#

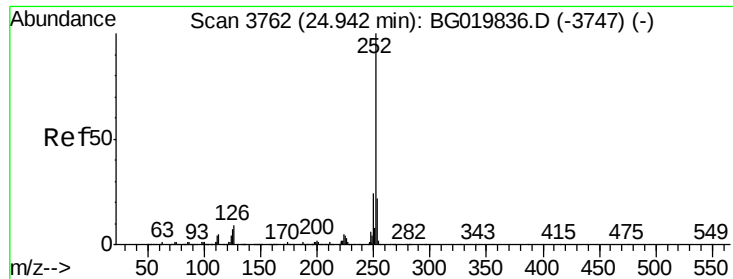


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 34.94 ng

RT: 24.85 min Scan# 3747

Delta R.T. -0.09 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

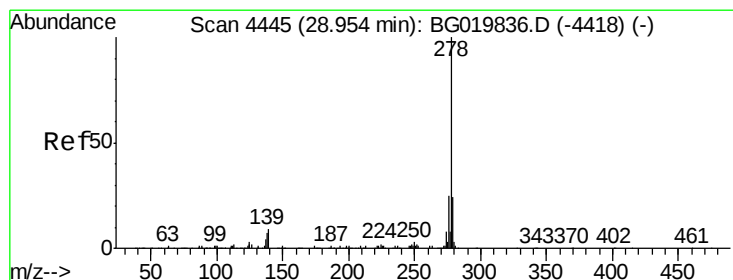
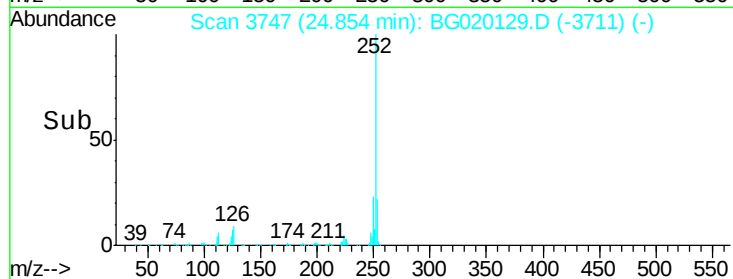
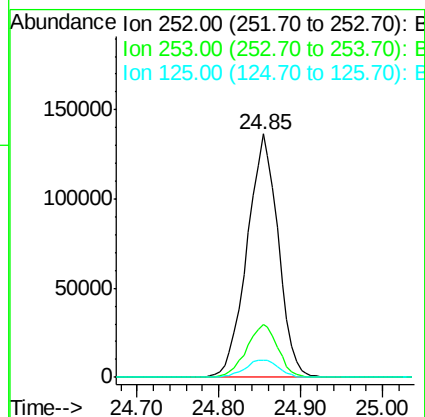
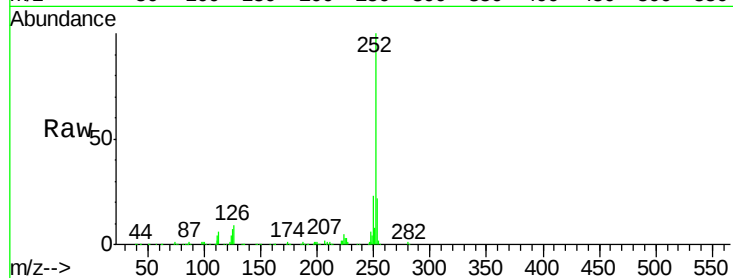
Instrument :

BNA_G

ClientSampleId :

121015-D534-E-U-MMS

Tgt Ion:	252	Resp:	360089
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.7	28.1
125	7.2	9.1	13.7#



#90

Dibenzo(a,h)anthracene

Concen: 35.31 ng

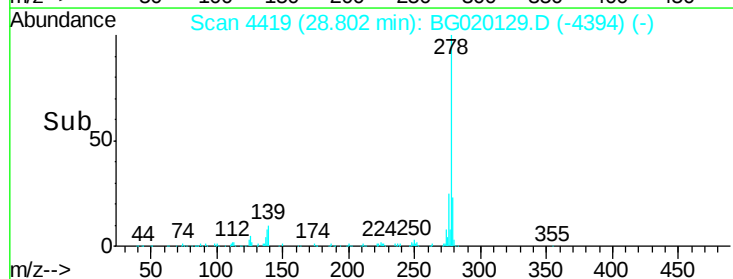
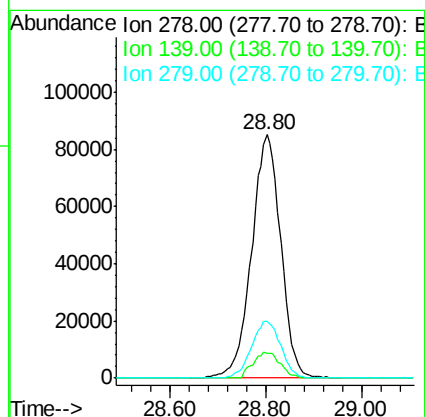
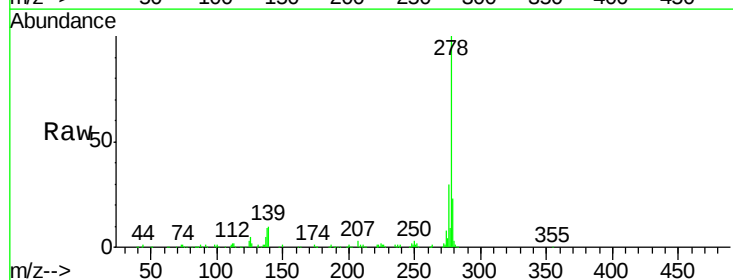
RT: 28.80 min Scan# 4419

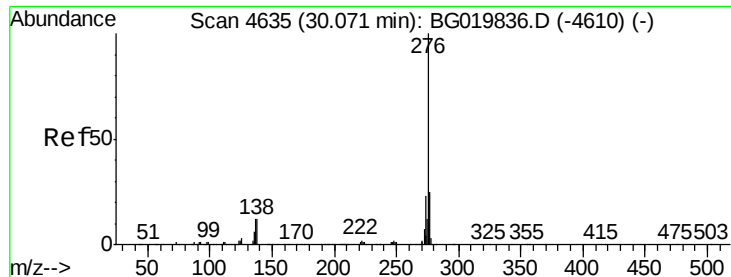
Delta R.T. -0.15 min

Lab File: BG020129.D

Acq: 12 Dec 2015 5:53

Tgt Ion:	278	Resp:	359541
Ion Ratio	Lower	Upper	
278	100		
139	10.4	13.8	20.6#
279	23.4	19.4	29.0





#91
 Benzo(g,h,i)perylene
 Concen: 35.06 ng
 RT: 29.90 min Scan# 4606
 Delta R.T. -0.17 min
 Lab File: BG020129.D
 Acq: 12 Dec 2015 5:53

Instrument :
 BNA_G
 ClientSampleId :
 121015-D534-E-U-MMS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.4	27.6
138	13.5	17.4	26.0

