

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041217\
 Data File : BG026639.D
 Acq On : 12 Apr 2017 17:14
 Operator : SJ/MA
 Sample : PB98209BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

Quant Time: Apr 13 02:00:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	149395	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	611997	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	386943	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	995749	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1211240	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1243241	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	1204513	143.10	ng	0.00
7) Phenol-d6	7.20	99	1542898	136.54	ng	0.00
23) Nitrobenzene-d5	9.19	82	812355	79.81	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	741650	167.37	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	2263685	82.04	ng	-0.01
78) Terphenyl-d14	19.97	244	3527930	70.74	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	132554	35.09	ng	# 68
3) Pyridine	3.89	79	340192	32.88	ng	# 62
4) n-Nitrosodimethylamine	3.80	42	111456	39.41	ng	# 1
6) Aniline	7.36	93	377161	24.99	ng	# 86
8) 2-Chlorophenol	7.60	128	447137	47.18	ng	# 79
9) Benzaldehyde	7.17	77	107352	14.07	ng	# 69
10) Phenol	7.22	94	550655	45.66	ng	# 70
11) bis(2-Chloroethyl)ether	7.45	93	389775	39.42	ng	# 80
12) 1,3-Dichlorobenzene	7.92	146	494450	43.82	ng	# 86
13) 1,4-Dichlorobenzene	8.07	146	496053	43.46	ng	# 93
14) 1,2-Dichlorobenzene	8.39	146	472158	43.23	ng	# 90
15) Benzyl Alcohol	8.27	79	293799	39.66	ng	# 73
16) 2,2'-oxybis(1-Chloropropan	8.56	45	372221	33.90	ng	# 80
17) 2-Methylphenol	8.48	107	382783	44.70	ng	# 81
18) Hexachloroethane	9.12	117	153075	41.01	ng	# 94
19) n-Nitroso-di-n-propylamine	8.83	70	280872	38.66	ng	# 70
20) 3+4-Methylphenols	8.80	107	533160	45.22	ng	# 83
22) Acetophenone	8.85	105	600525	42.67	ng	# 73
24) Nitrobenzene	9.23	77	412895	41.09	ng	# 69
25) Isophorone	9.75	82	793781	41.38	ng	# 88
26) 2-Nitrophenol	9.94	139	252599	48.31	ng	# 62
27) 2,4-Dimethylphenol	10.00	122	435480	50.74	ng	# 86
28) bis(2-Chloroethoxy)methane	10.23	93	532728	42.75	ng	# 97
29) 2,4-Dichlorophenol	10.49	162	458850	52.86	ng	# 93
30) 1,2,4-Trichlorobenzene	10.70	180	466626	47.85	ng	# 97
31) Naphthalene	10.88	128	1336522	43.19	ng	# 100
32) Benzoic acid	10.13	122	254207	38.49	ng	# 69
33) 4-Chloroaniline	11.00	127	69017	5.48	ng	# 82
34) Hexachlorobutadiene	11.17	225	269012	46.76	ng	# 97
35) Caprolactam	11.75	113	180289m	52.71	ng	#
36) 4-Chloro-3-methylphenol	12.11	107	454655	48.96	ng	# 72
37) 2-Methylnaphthalene	12.48	142	1042828	46.01	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	498278	42.80	ng	# 97
40) Hexachlorocyclopentadiene	12.83	237	587119	95.81	ng	# 95

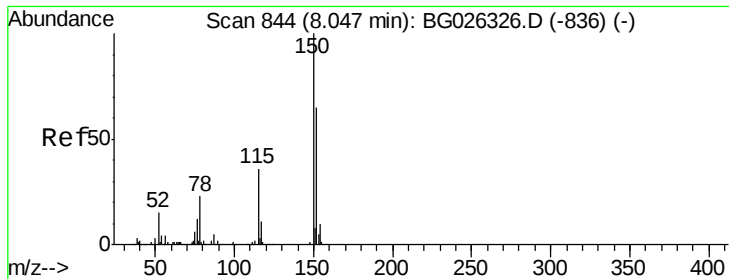
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	372689	48.89	nq	94
43) 2,4,5-Trichlorophenol	13.16	196	407473	48.36	nq #	91
45) 1,1'-Biphenyl	13.48	154	1348651	42.09	nq	98
46) 2-Chloronaphthalene	13.52	162	1016822	43.45	nq	96
47) 2-Nitroaniline	13.72	65	280770	42.18	nq #	48
48) Acenaphthylene	14.36	152	1718477	42.12	nq	99
49) Dimethylphthalate	14.09	163	1391038	47.63	nq	98
50) 2,6-Dinitrotoluene	14.21	165	334675	49.10	nq #	57
51) Acenaphthene	14.70	154	1084912	43.18	nq	100
52) 3-Nitroaniline	14.55	138	175211	23.34	nq #	62
53) 2,4-Dinitrophenol	14.75	184	424182	107.27	nq #	75
54) Dibenzofuran	15.04	168	1688477	47.73	nq #	89
55) 4-Nitrophenol	14.86	139	621151	101.06	nq #	37
56) 2,4-Dinitrotoluene	15.00	165	493827	51.51	nq #	67
57) Fluorene	15.68	166	1418011	45.04	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.26	232	399070	54.30	nq #	95
59) Diethylphthalate	15.44	149	1425801	47.76	nq	98
60) 4-Chlorophenyl-phenylether	15.67	204	707765	47.44	nq #	87
61) 4-Nitroaniline	15.70	138	394562	49.70	nq #	50
62) Azobenzene	15.96	77	1093867	45.07	nq	78
64) 4,6-Dinitro-2-methylphenol	15.76	198	320440	51.04	nq	84
65) n-Nitrosodiphenylamine	15.88	169	1294783	44.31	nq	98
66) 4-Bromophenyl-phenylether	16.56	248	488521	47.66	nq	93
67) Hexachlorobenzene	16.69	284	525050	48.03	nq #	89
68) Atrazine	16.82	200	491896	44.46	nq	98
69) Pentachlorophenol	17.03	266	648188	91.19	nq	95
70) Phenanthrene	17.41	178	2307518	43.15	nq	99
71) Anthracene	17.51	178	2373051	43.50	nq	97
72) Carbazole	17.77	167	2346960	41.78	nq	97
73) Di-n-butylphthalate	18.32	149	2589449	44.87	nq #	96
74) Fluoranthene	19.42	202	2812202	44.72	nq	97
76) Benzidine	19.59	184	481529	11.53	nq	97
77) Pyrene	19.77	202	2879830	41.06	nq	98
79) Butylbenzylphthalate	20.65	149	1270292	45.27	nq #	84
80) Benzo(a)anthracene	21.60	228	2902772	42.59	nq	97
81) 3,3'-Dichlorobenzidine	21.51	252	867701	31.10	nq	98
82) Chrysene	21.67	228	2687197	41.26	nq	97
83) Bis(2-ethylhexyl)phthalate	21.50	149	1815243	42.83	nq	95
84) Di-n-octyl phthalate	22.68	149	3096565	42.81	nq #	81
85) Indeno(1,2,3-cd)pyrene	28.42	276	3872411	48.16	nq #	88
87) Benzo(b)fluoranthene	23.79	252	3148911	42.97	nq #	95
88) Benzo(k)fluoranthene	23.85	252	3148340	44.30	nq #	97
89) Benzo(a)pyrene	24.65	252	3099912	44.10	nq #	97
90) Dibenzo(a,h)anthracene	28.46	278	3225163	45.40	nq #	92
91) Benzo(g,h,i)perylene	29.54	276	3215752	44.93	nq #	89

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

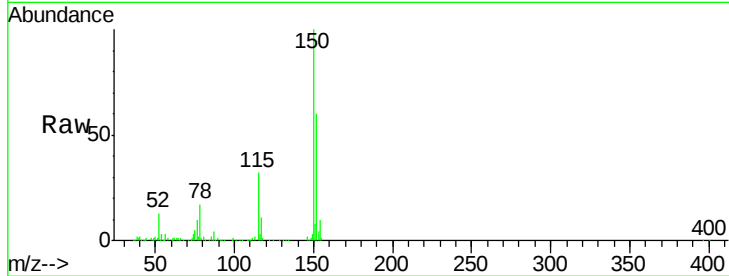


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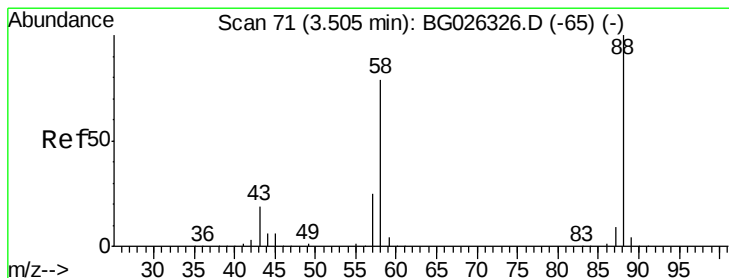
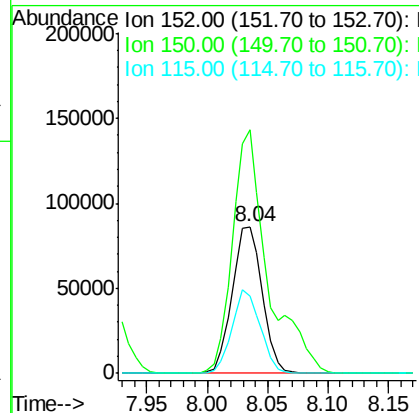
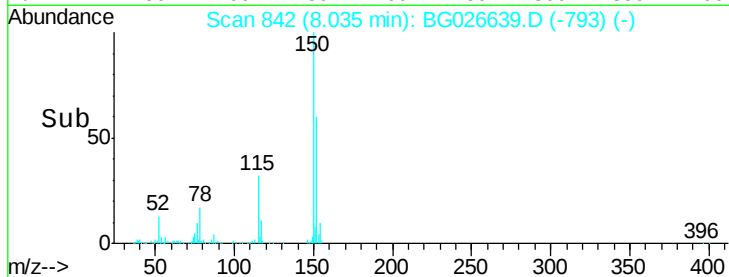
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Instrument :
BNA_G
ClientSampleId :
PB98209BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.9	114.0	171.0
115	52.5	48.1	72.1



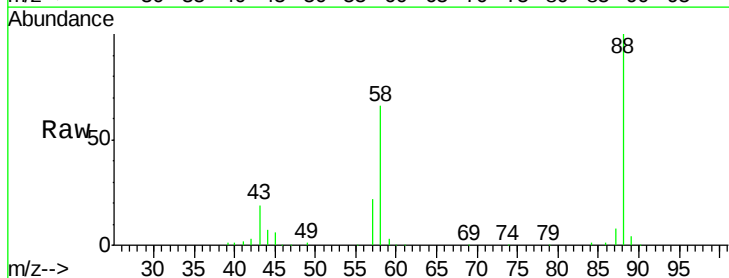
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



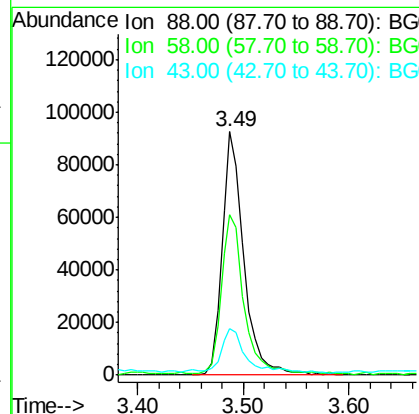
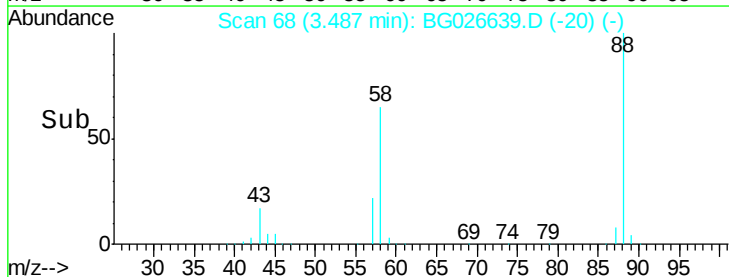
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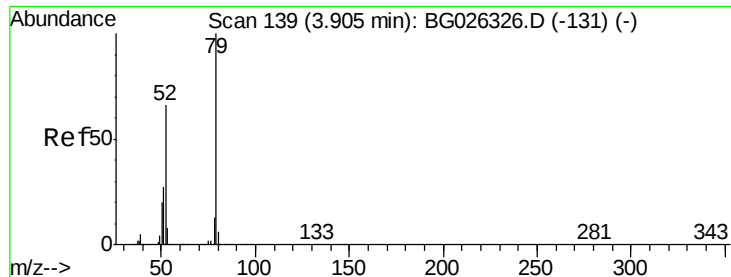
1,4-Dioxane
Concen: 35.09 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.02 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	79.4	119.2#
43	20.4	33.8	50.6#



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





#3

Pvridine

Concen: 32.88 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

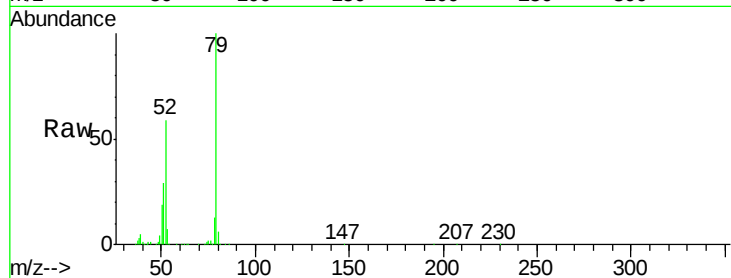
Tot Ion: 79 Resp: 340192

Ion Ratio Lower Upper

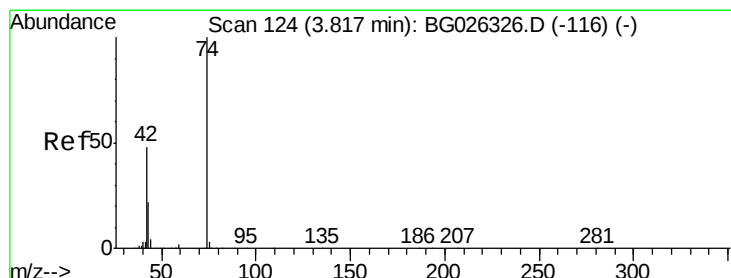
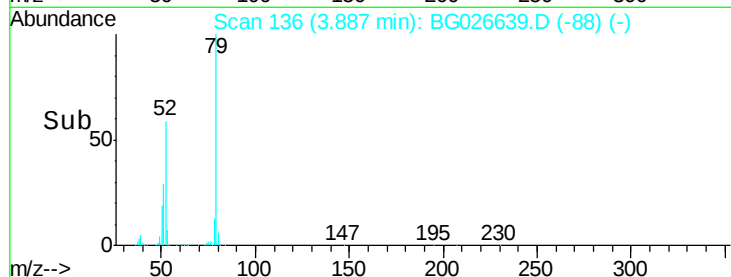
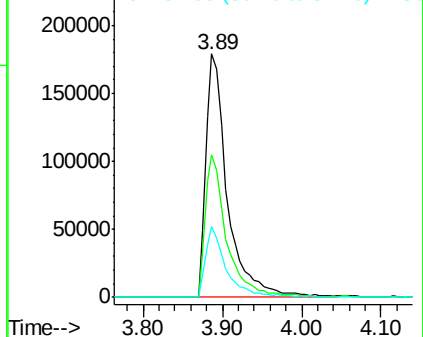
79 100

52 58.7 77.8 116.6#

51 28.8 43.2 64.8#



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



#4

n-Nitrosodimethylamine

Concen: 39.41 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

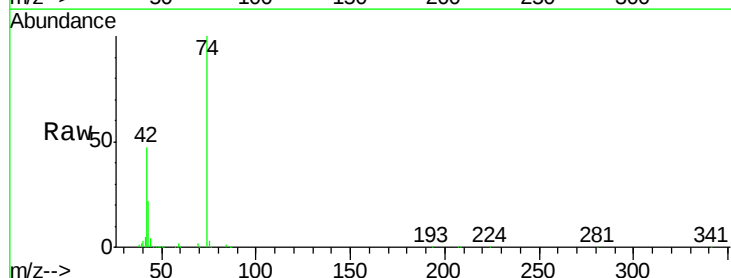
Tgt Ion: 42 Resp: 111456

Ion Ratio Lower Upper

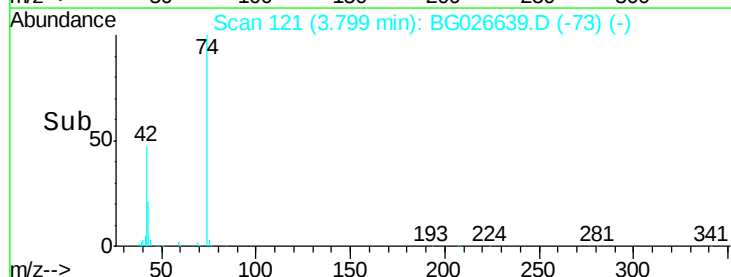
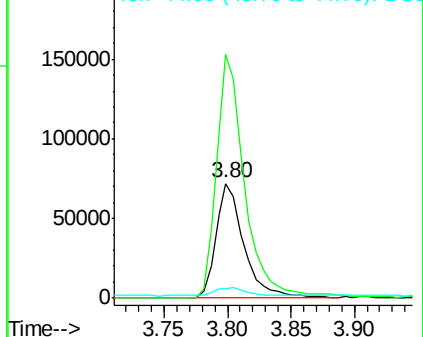
42 100

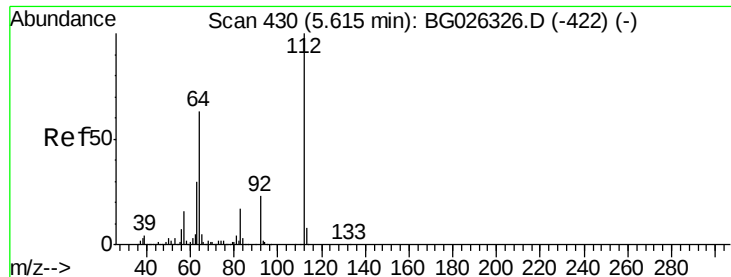
74 212.2 76.7 115.1#

44 8.4 6.1 9.1



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





#5

2-Fluorophenol

Concen: 143.10 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

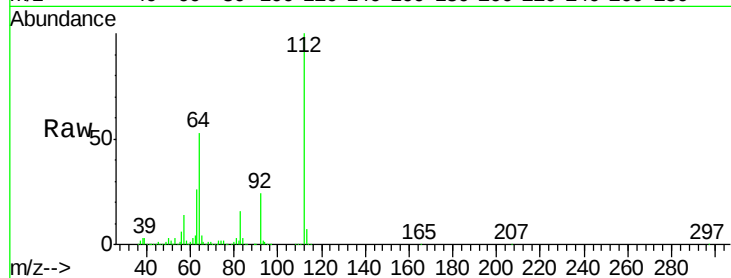
Tot Ion:112 Resp: 1204513

Ion Ratio Lower Upper

112 100

64 53.4 61.8 92.6#

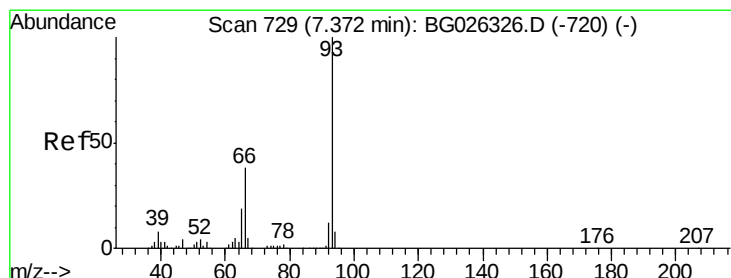
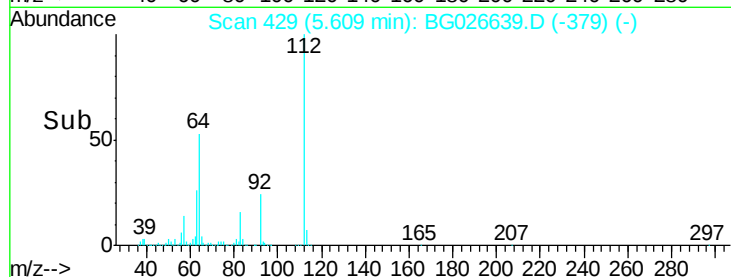
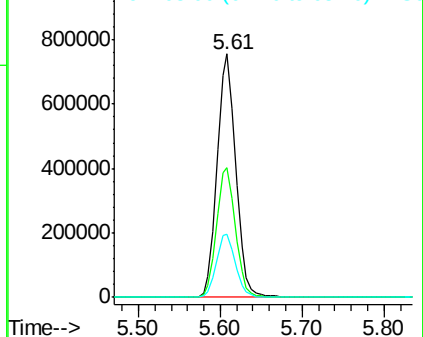
63 26.1 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 24.99 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

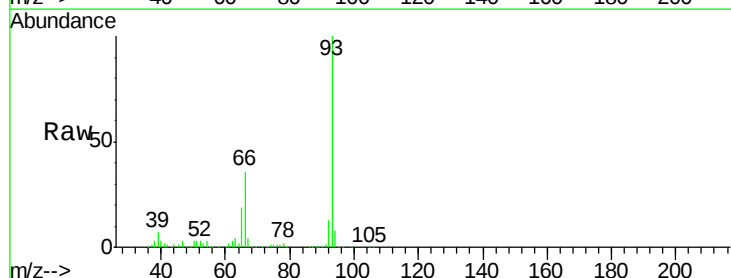
Tgt Ion: 93 Resp: 377161

Ion Ratio Lower Upper

93 100

66 35.9 35.4 53.2

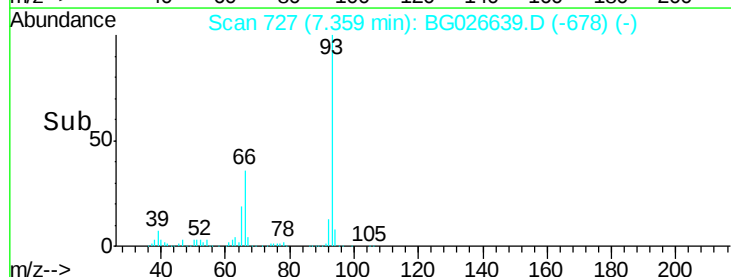
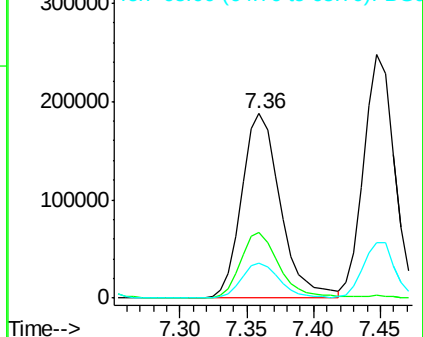
65 18.8 21.2 31.8#

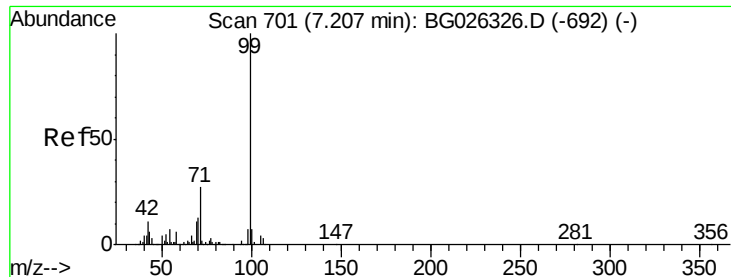


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 136.54 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

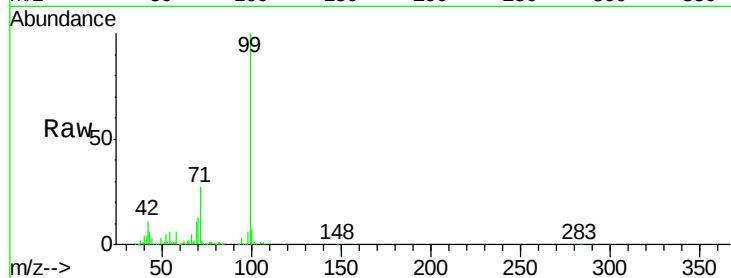
BNA_G

ClientSampleId :

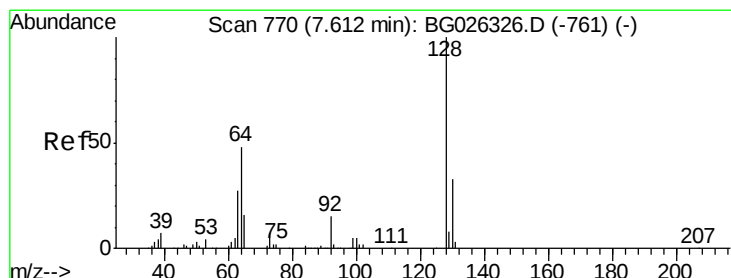
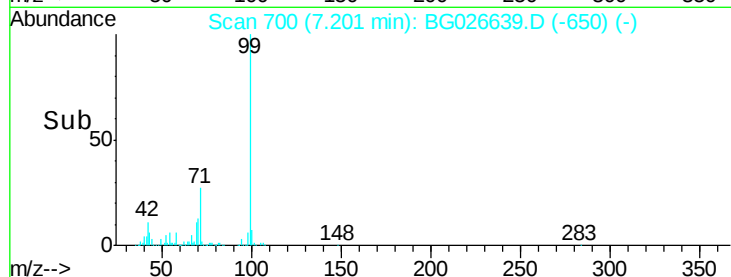
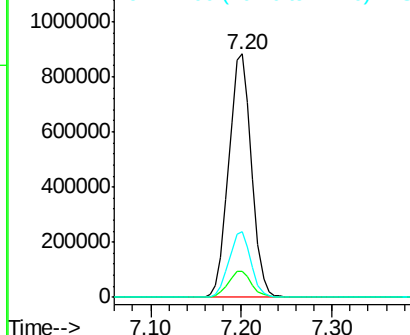
PB98209BSD

Tot Ion: 99 Resp: 1542898

Ion	Ratio	Lower	Upper
99	100		
42	10.8	20.5	30.7#
71	26.8	37.6	56.4#



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



#8

2-Chlorophenol

Concen: 47.18 ng

RT: 7.60 min Scan# 768

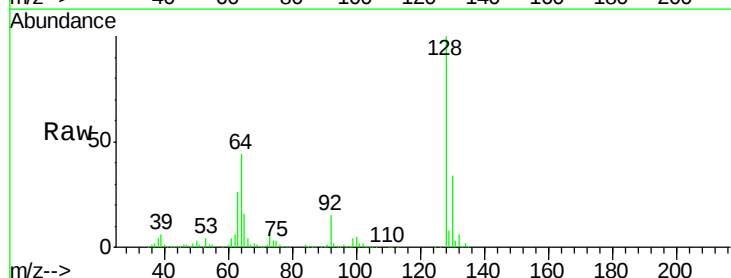
Delta R.T. -0.01 min

Lab File: BG026639.D

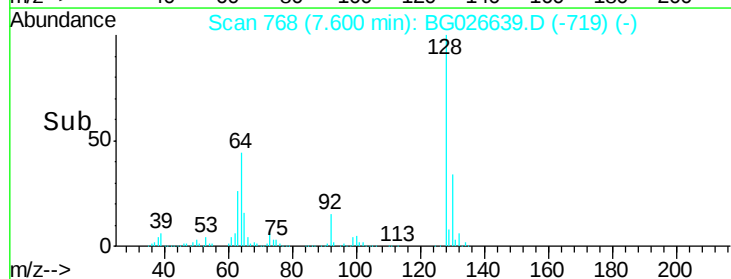
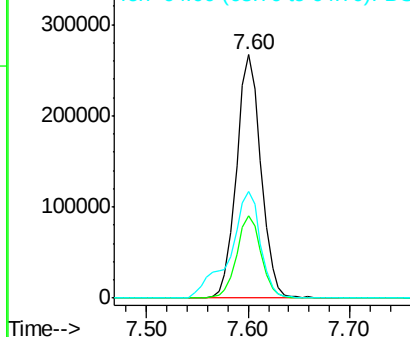
Acq: 12 Apr 2017 17:14

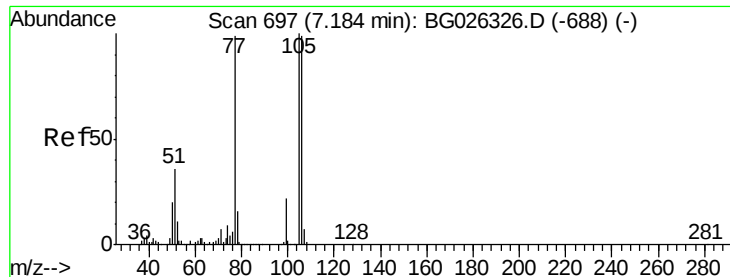
Tgt Ion: 128 Resp: 447137

Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.4	51.4
64	43.9	46.6	86.6#



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: 14.07 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

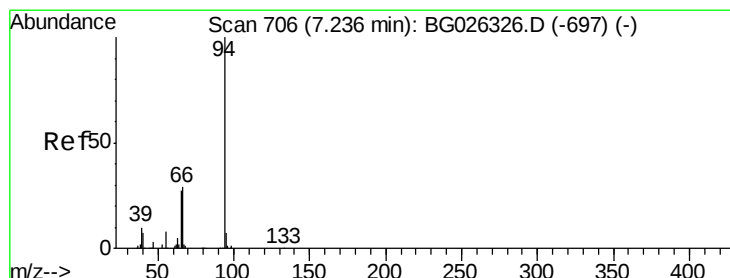
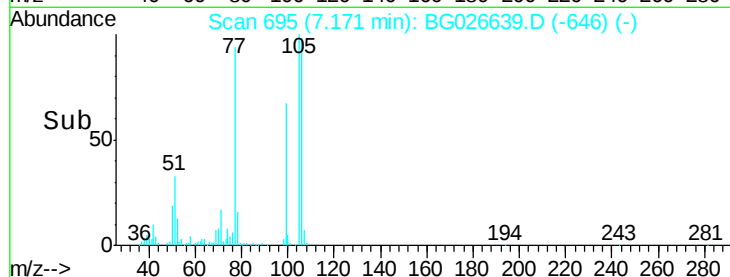
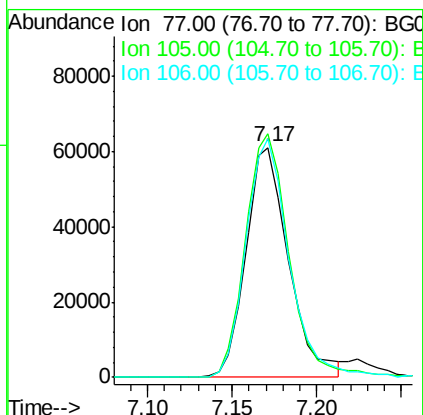
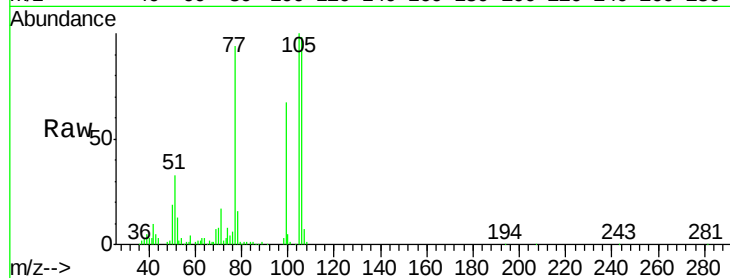
Tot Ion: 77 Resp: 107352

Ion Ratio Lower Upper

77 100

105 105.9 60.9 100.9#

106 103.8 55.1 95.1#



#10

Phenol

Concen: 45.66 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

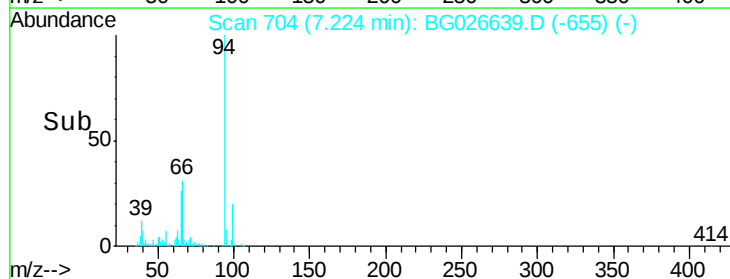
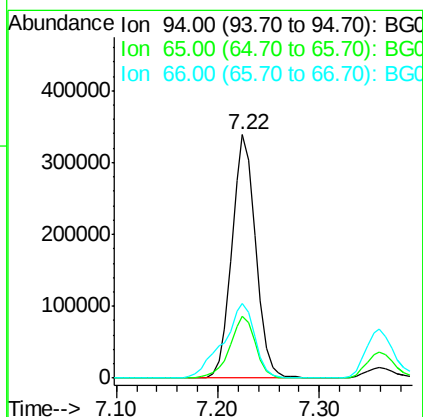
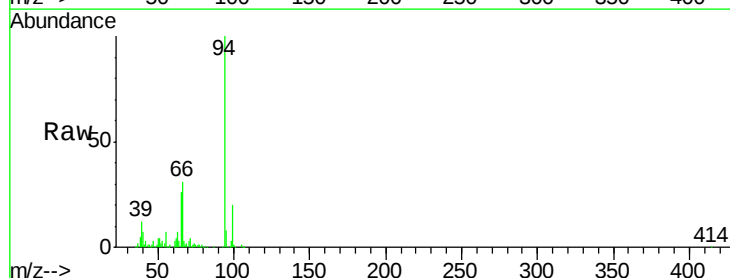
Tgt Ion: 94 Resp: 550655

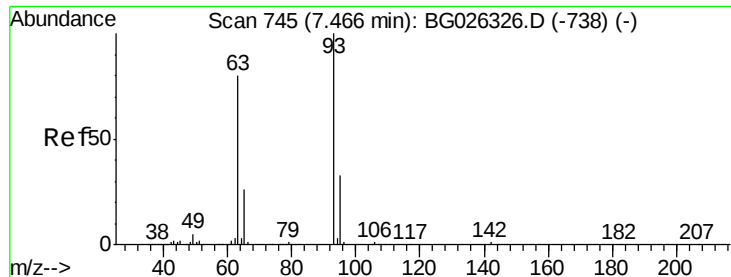
Ion Ratio Lower Upper

94 100

65 25.6 20.6 60.6

66 30.5 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 39.42 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

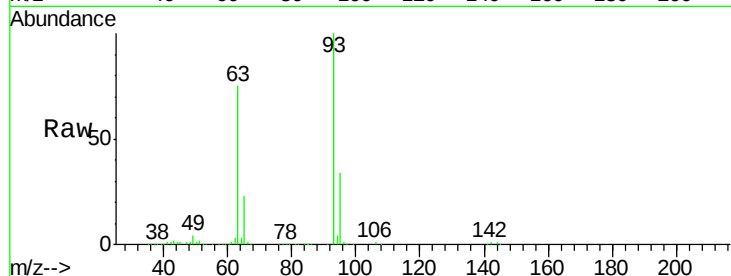
Tot Ion: 93 Resp: 389775

Ion Ratio Lower Upper

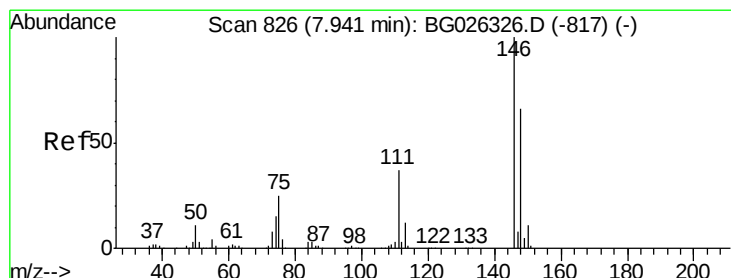
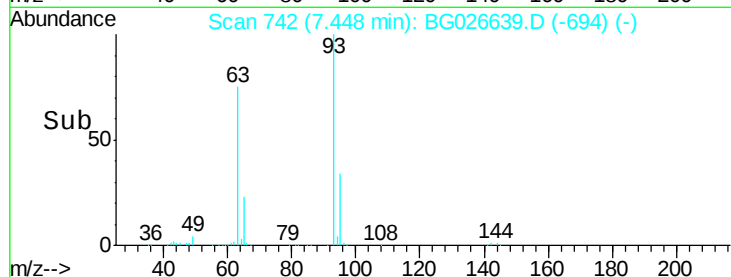
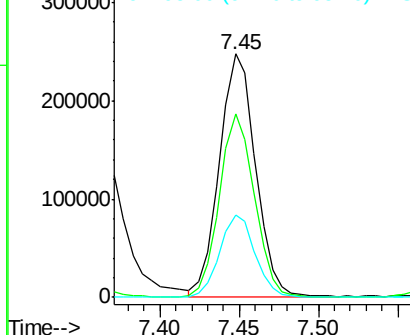
93 100

63 75.4 78.5 118.5#

95 33.6 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 43.82 ng

RT: 7.92 min Scan# 823

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

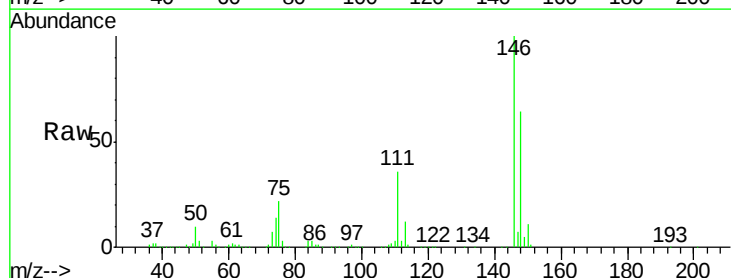
Tgt Ion: 146 Resp: 494450

Ion Ratio Lower Upper

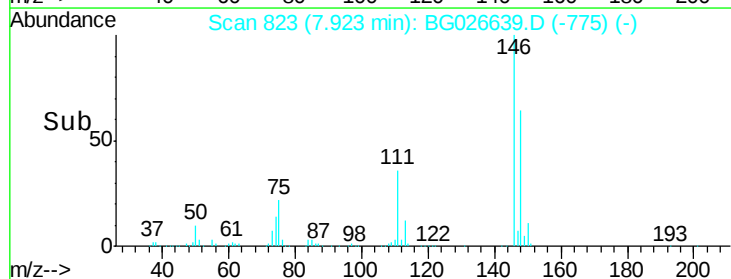
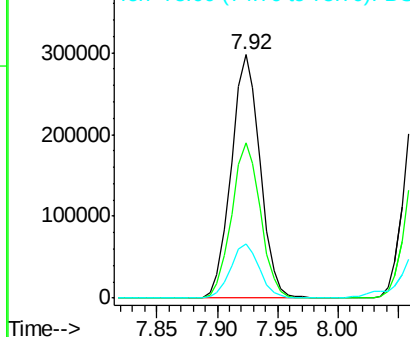
146 100

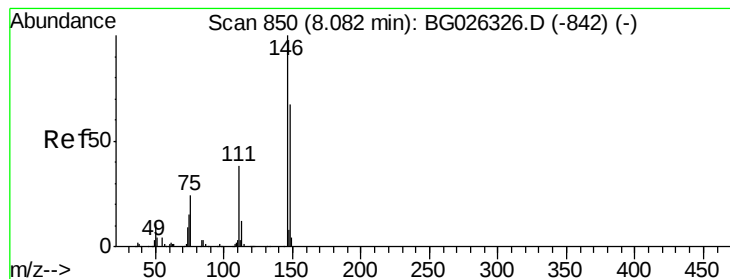
148 63.9 49.2 73.8

75 22.1 33.4 50.2#



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





#13

1,4-Dichlorobenzene

Concen: 43.46 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

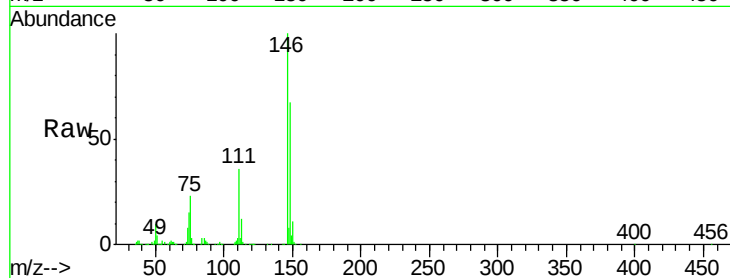
Tot Ion:146 Resp: 496053

Ion Ratio Lower Upper

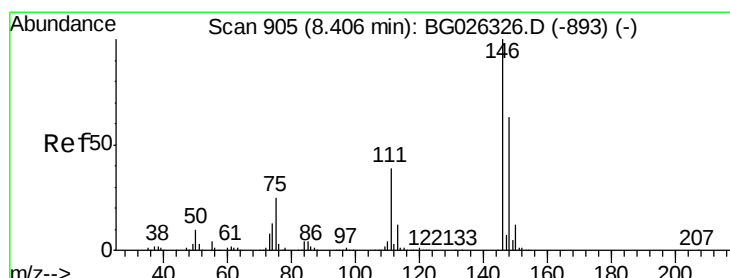
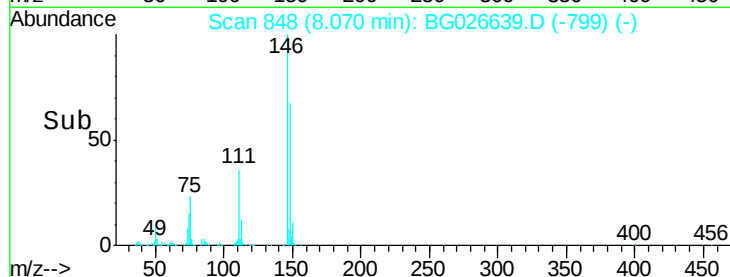
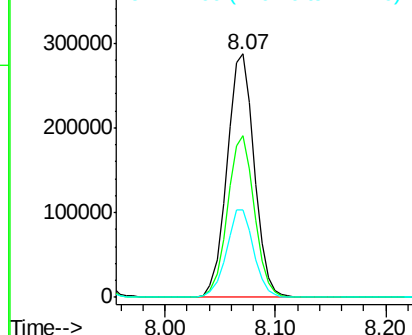
146 100

148 66.6 52.2 78.2

111 36.1 37.0 55.6#



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



#14

1,2-Dichlorobenzene

Concen: 43.23 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

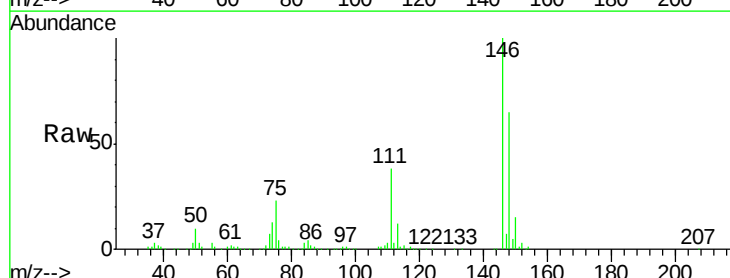
Tgt Ion:146 Resp: 472158

Ion Ratio Lower Upper

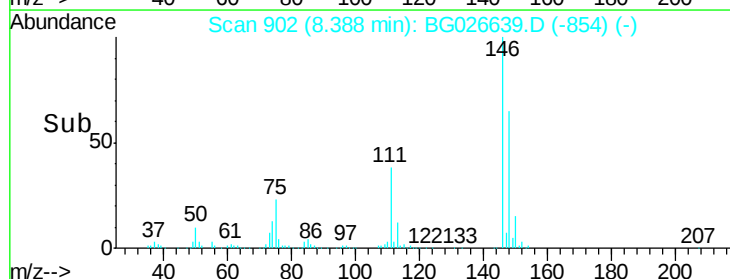
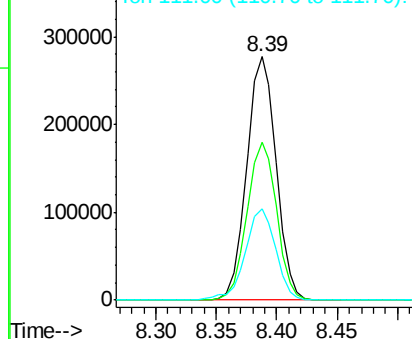
146 100

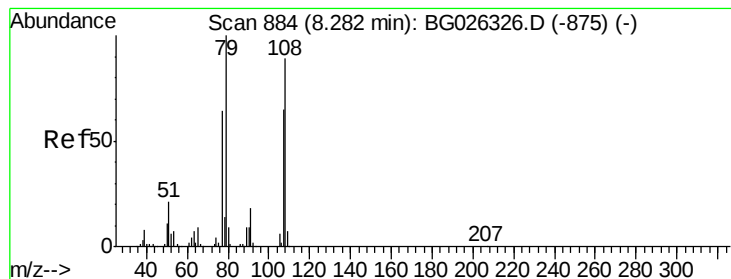
148 64.8 54.6 81.8

111 37.7 39.7 59.5#



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





#15

Benzyl Alcohol

Concen: 39.66 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

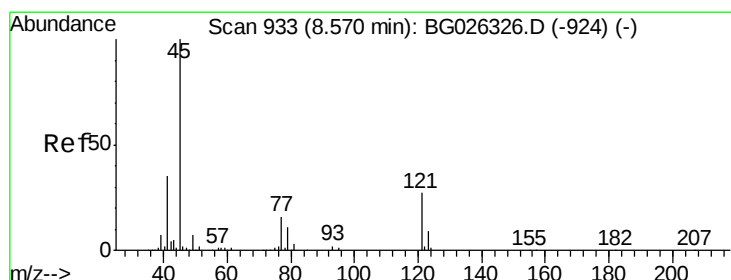
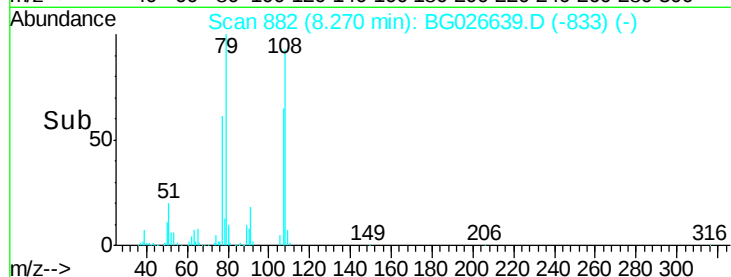
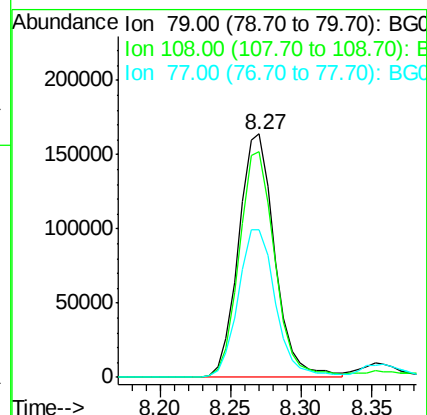
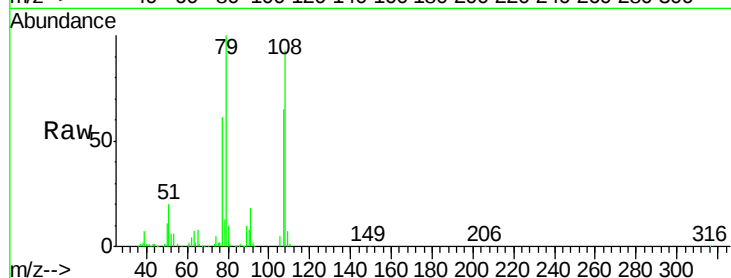
Tot Ion: 79 Resp: 293799

Ion Ratio Lower Upper

79 100

108 92.7 45.5 68.3#

77 60.7 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.90 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

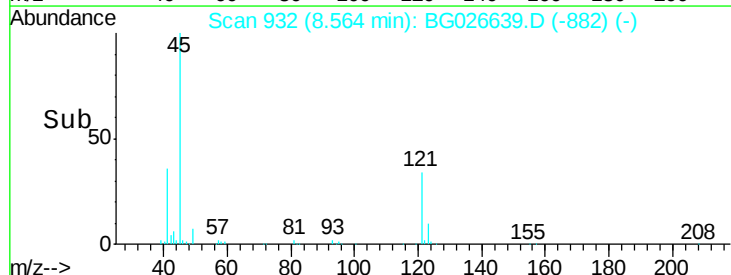
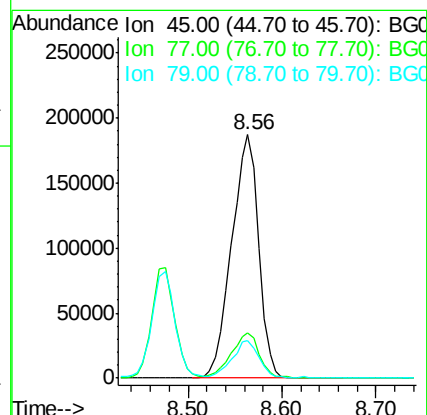
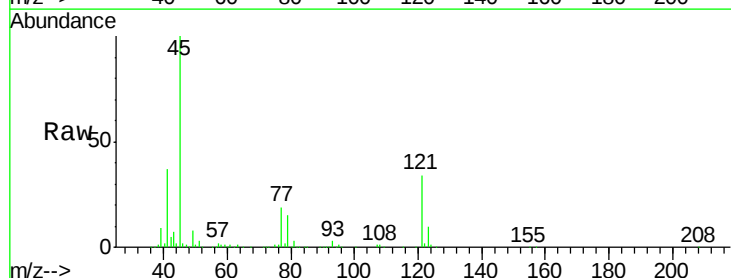
Tgt Ion: 45 Resp: 372221

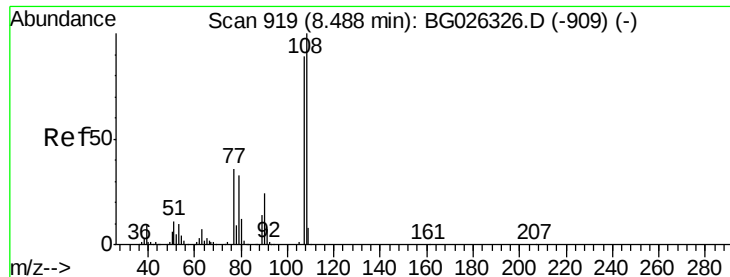
Ion Ratio Lower Upper

45 100

77 18.8 0.0 30.6

79 15.2 0.0 28.5





#17

2-Methylphenol

Concen: 44.70 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

Tot Ion:107 Resp: 382783

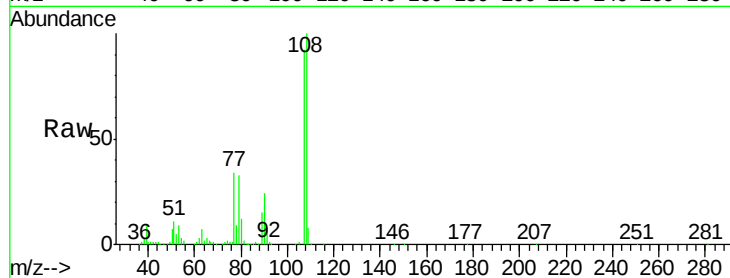
Ion Ratio Lower Upper

107 100

108 108.9 85.6 128.4

77 37.1 51.4 77.2#

79 35.9 49.2 73.8#

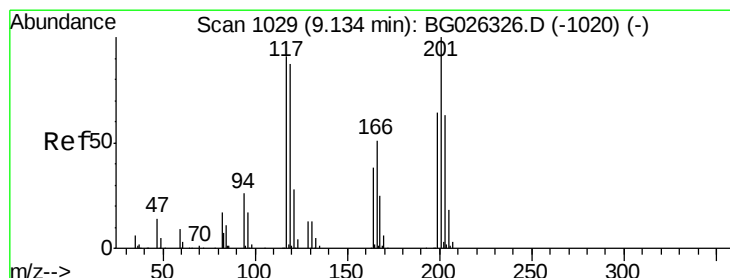
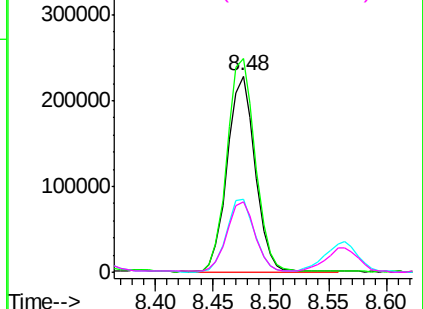
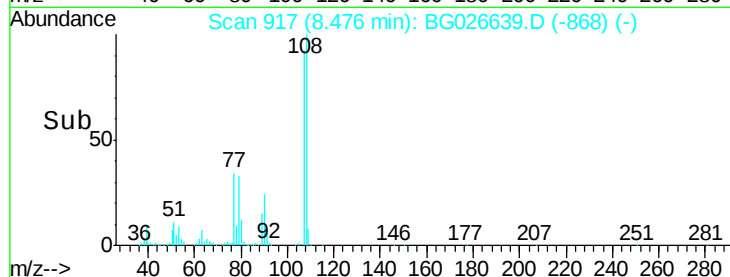


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.01 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

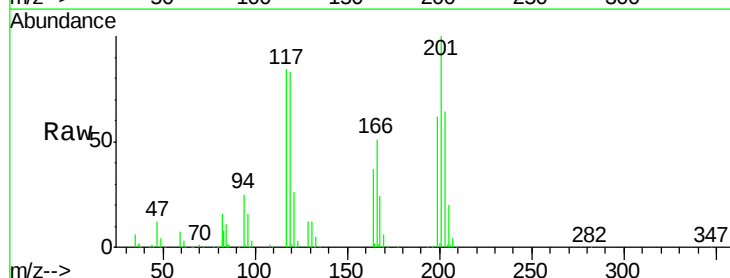
Tgt Ion:117 Resp: 153075

Ion Ratio Lower Upper

117 100

119 99.2 69.8 104.6

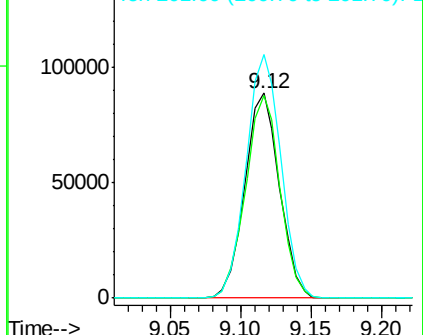
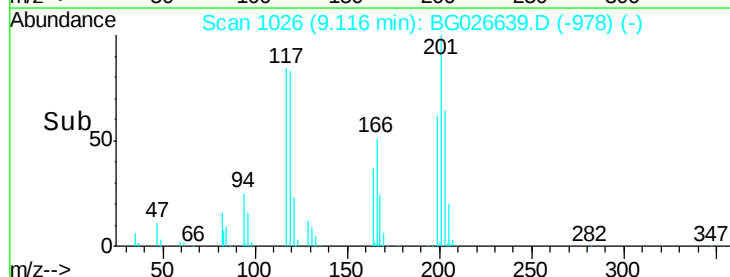
201 118.8 95.4 143.0

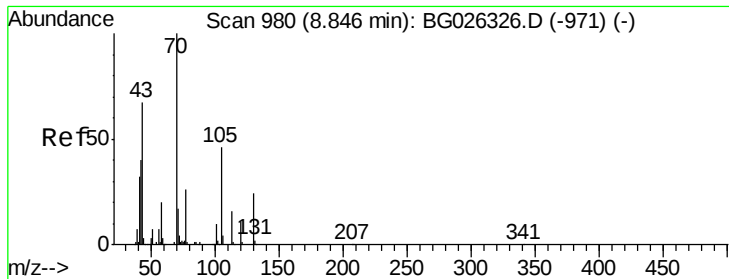


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

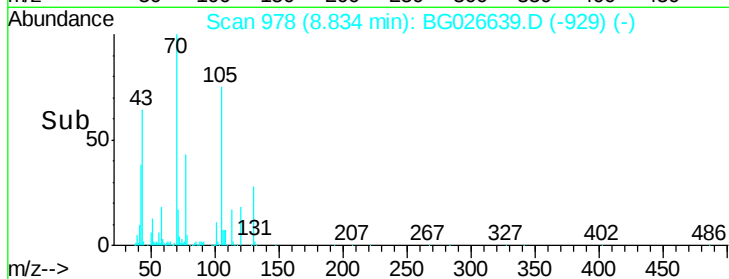
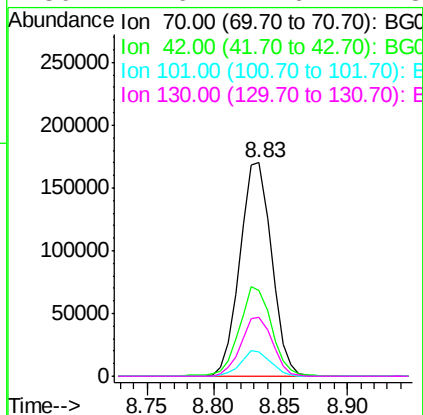
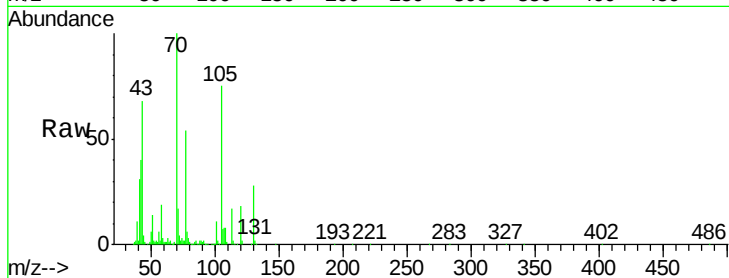




#19
n-Nitroso-di-n-propylamine
Concen: 38.66 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

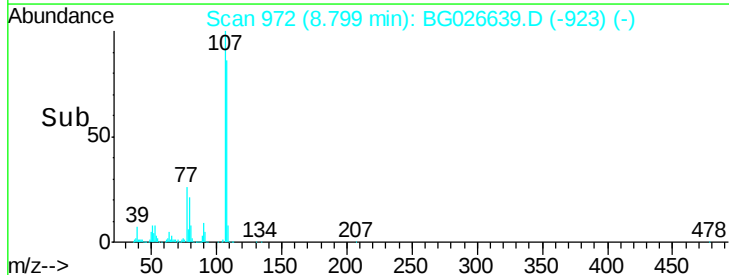
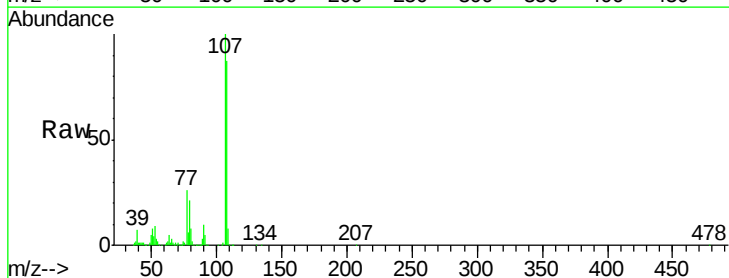
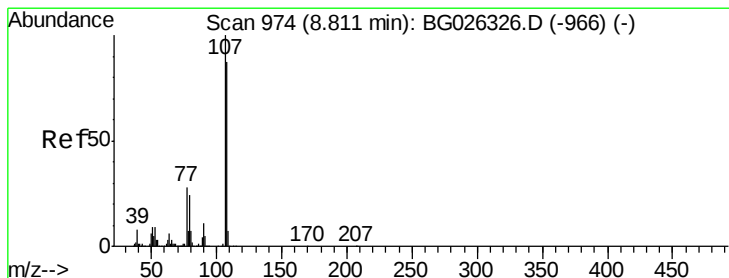
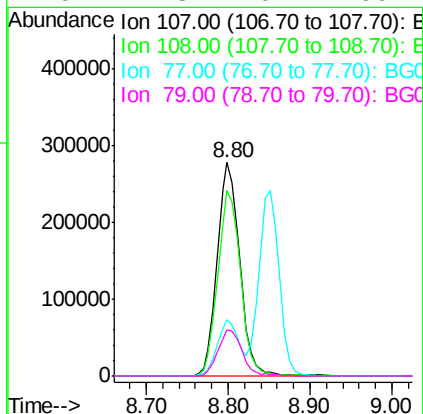
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

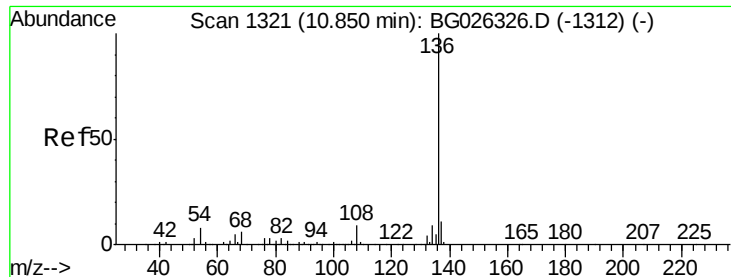
Tot Ion: 70 Resp: 280872
Ion Ratio Lower Upper
70 100
42 40.4 56.1 84.1#
101 11.3 7.5 11.3#
130 27.6 14.6 21.8#



#20
3+4-Methylphenols
Concen: 45.22 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:107 Resp: 533160
Ion Ratio Lower Upper
107 100
108 86.7 70.8 110.8
77 26.5 25.8 65.8
79 21.3 20.1 60.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

Tot Ion:136 Resp: 611997

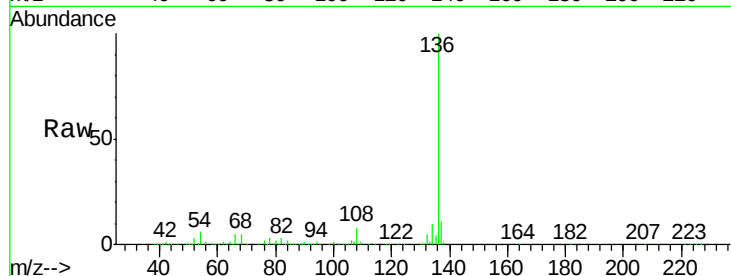
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.1 9.3 13.9#

68 5.2 5.1 7.7

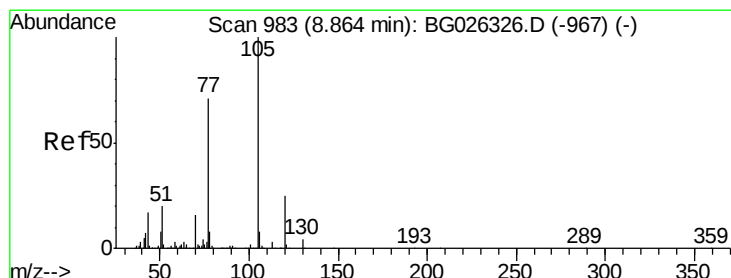
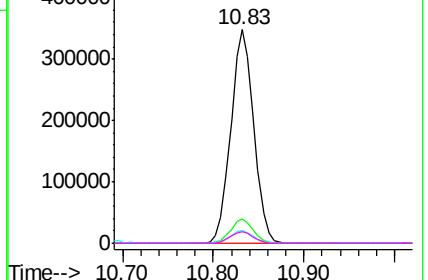
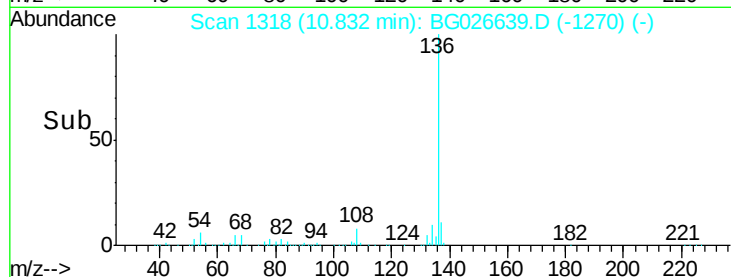


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 42.67 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Tgt Ion:105 Resp: 600525

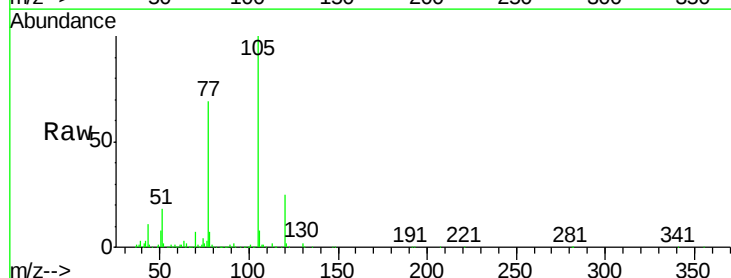
Ion Ratio Lower Upper

105 100

71 1.4 0.9 1.3#

51 17.9 34.0 51.0#

120 24.9 17.3 25.9

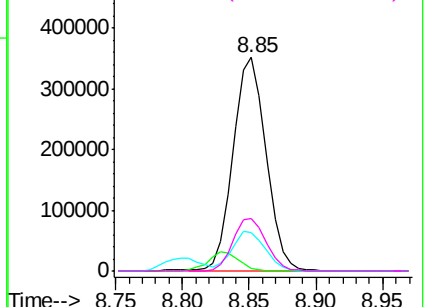
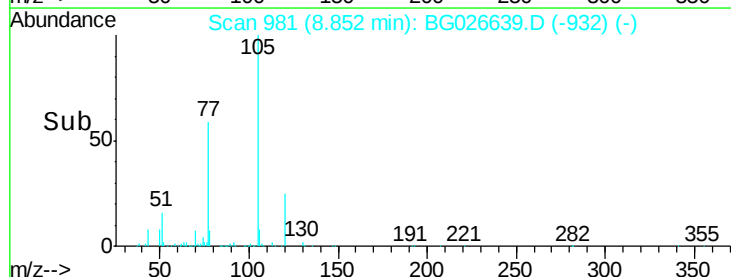


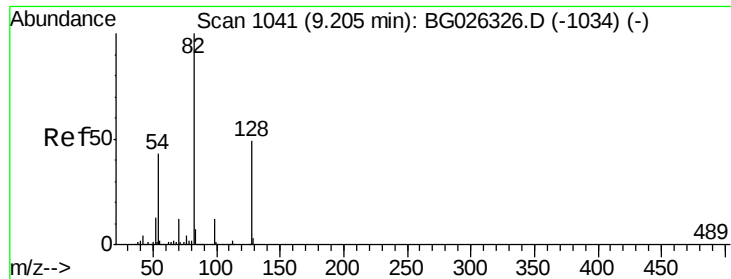
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

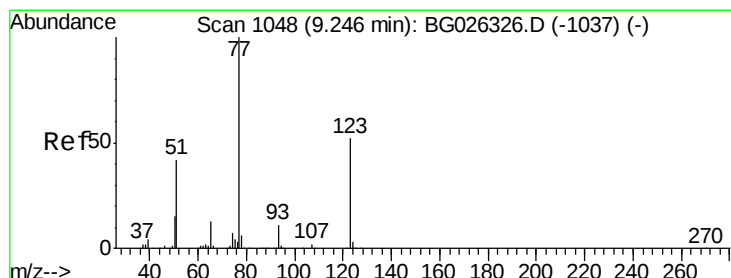
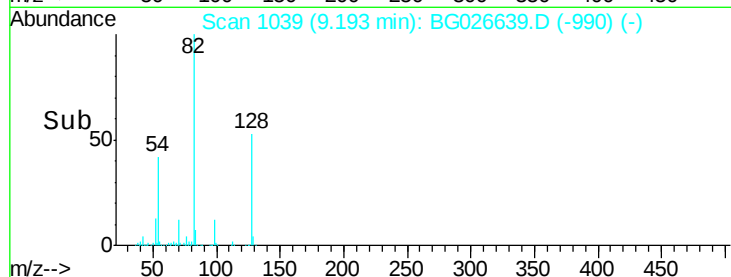
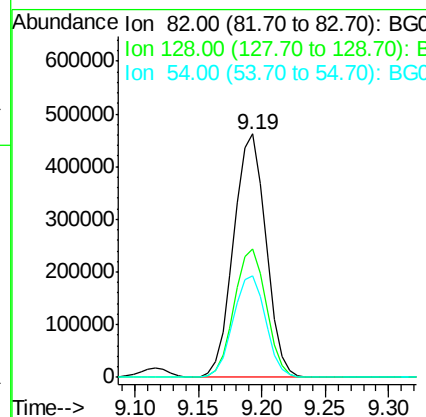
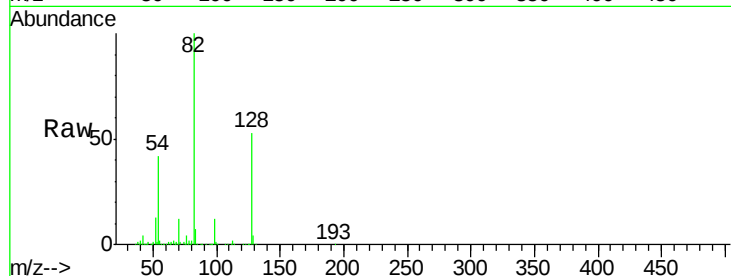




#23
 Nitrobenzene-d5
 Concen: 79.81 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

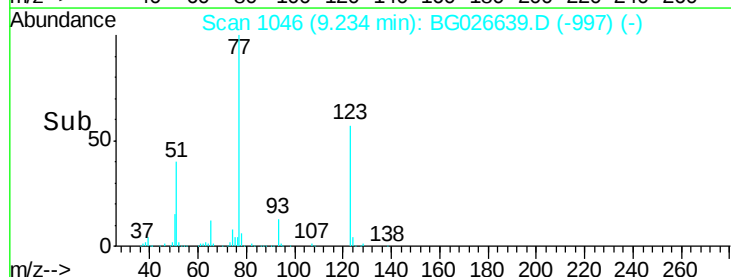
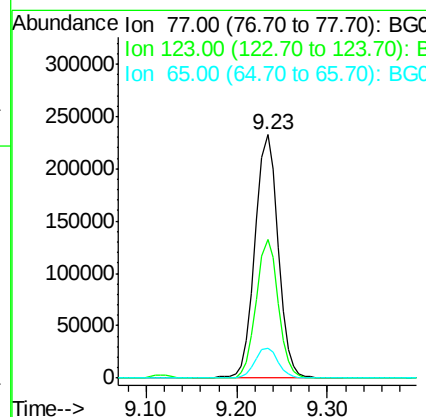
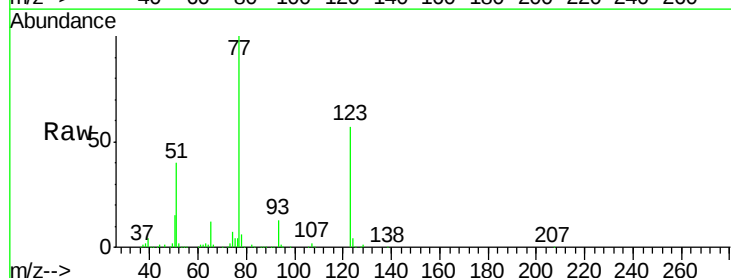
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

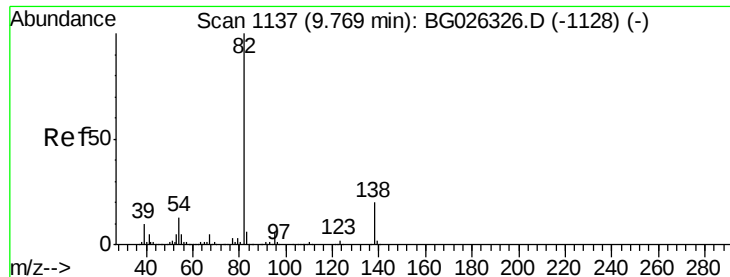
Tot Ion	82	Resp	812355
Ion Ratio	Lower	Upper	
82	100		
128	52.6	26.4	39.6#
54	41.8	49.4	74.2#



#24
 Nitrobenzene
 Concen: 41.09 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion	77	Resp	412895
Ion Ratio	Lower	Upper	
77	100		
123	56.7	26.1	39.1#
65	12.4	12.4	18.6





#25

Isophorone

Concen: 41.38 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

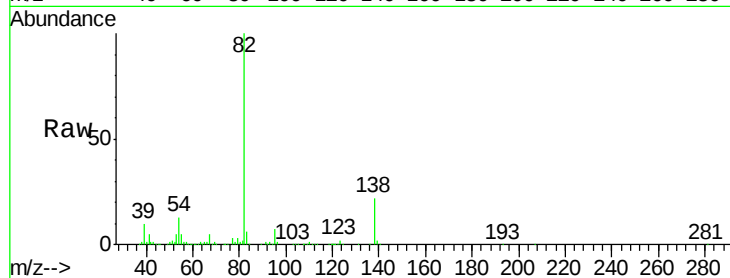
Tot Ion: 82 Resp: 793781

Ion Ratio Lower Upper

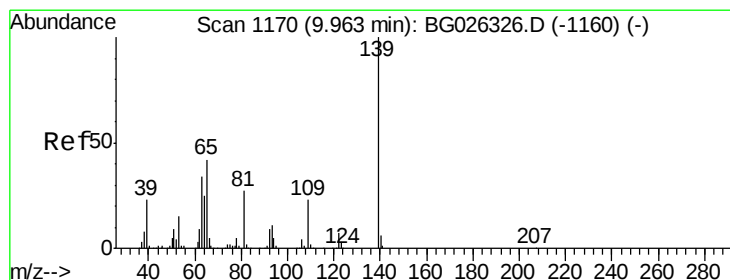
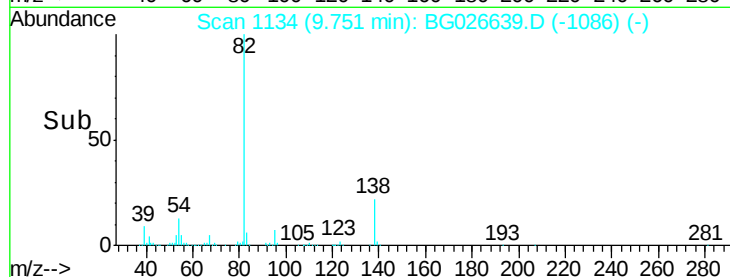
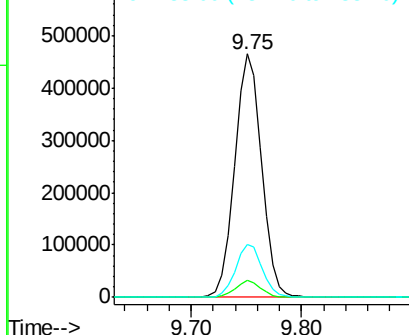
82 100

95 7.0 7.5 11.3#

138 21.6 12.3 18.5#



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: 48.31 ng

RT: 9.94 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

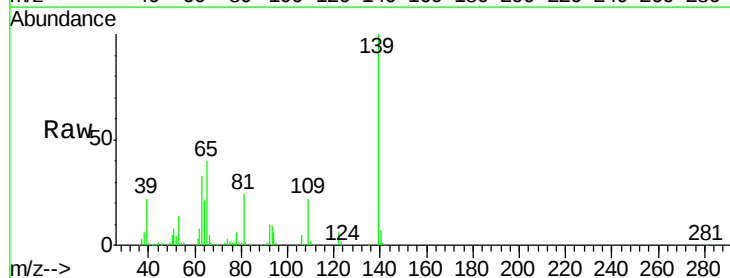
Tgt Ion: 139 Resp: 252599

Ion Ratio Lower Upper

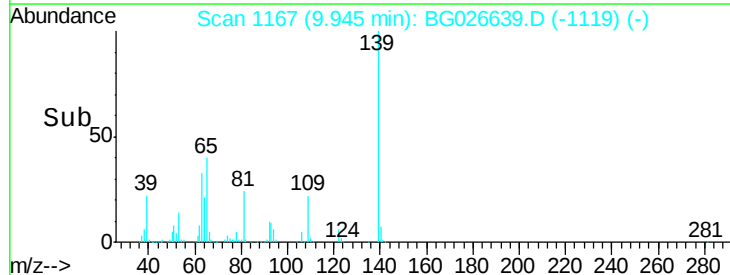
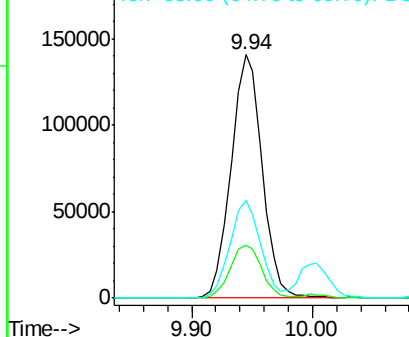
139 100

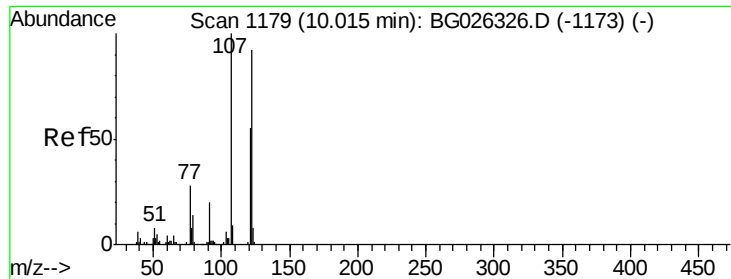
109 21.9 38.6 58.0#

65 40.2 57.1 85.7#



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

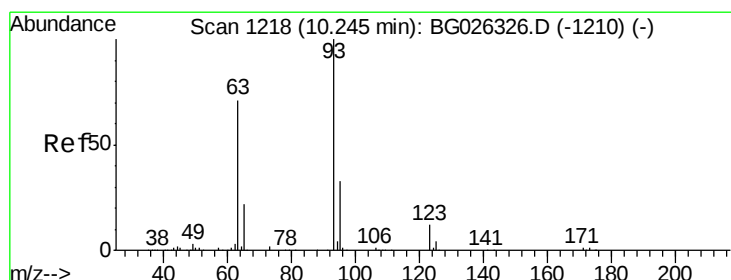
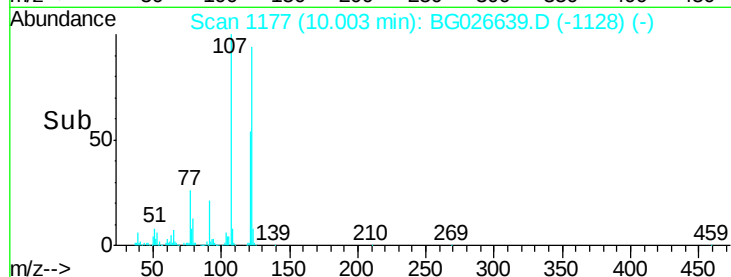
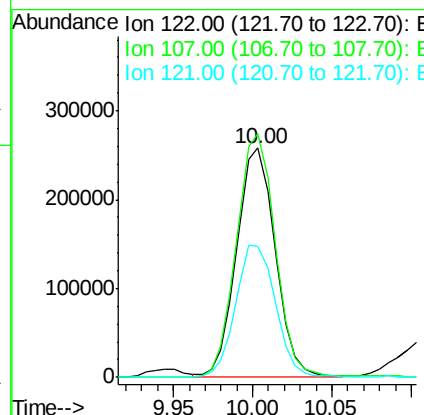
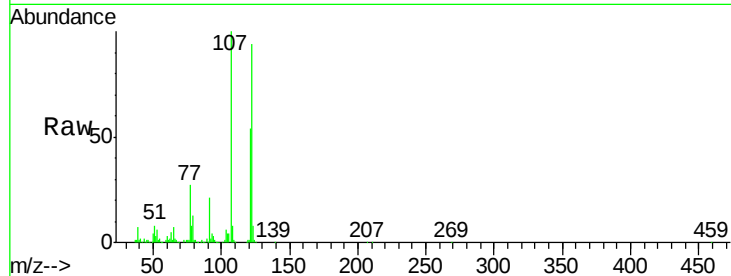




#27
2,4-Dimethylphenol
Concen: 50.74 ng
RT: 10.00 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

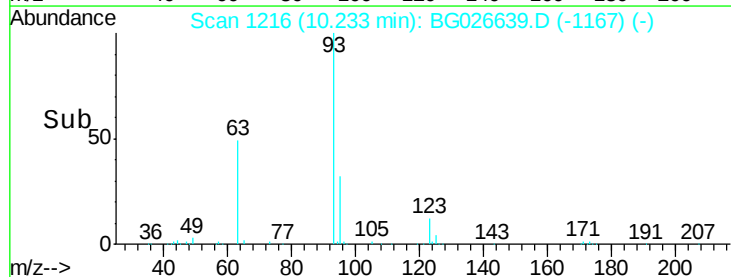
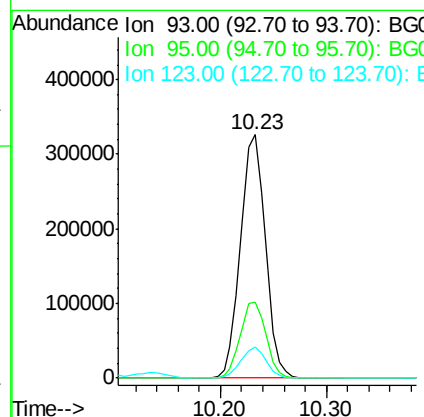
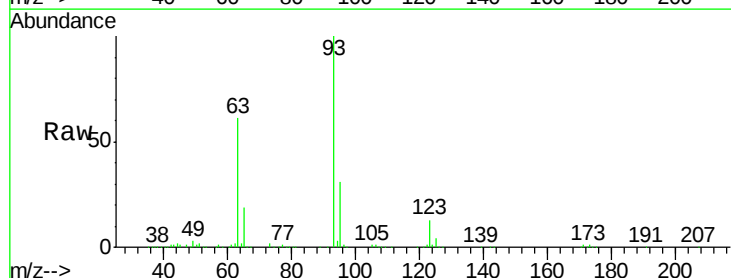
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

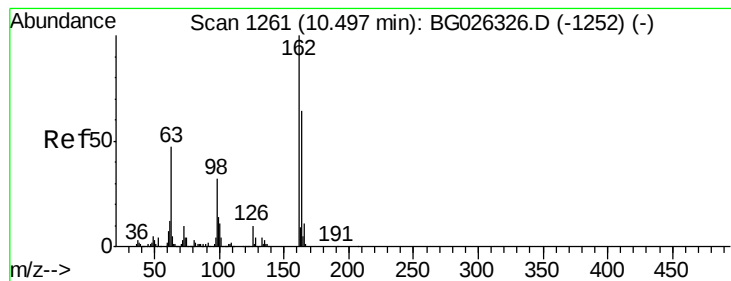
Tot Ion:122 Resp: 435480
Ion Ratio Lower Upper
122 100
107 106.4 104.2 156.4
121 57.4 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.75 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion: 93 Resp: 532728
Ion Ratio Lower Upper
93 100
95 31.2 25.7 38.5
123 12.6 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 52.86 ng

RT: 10.49 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

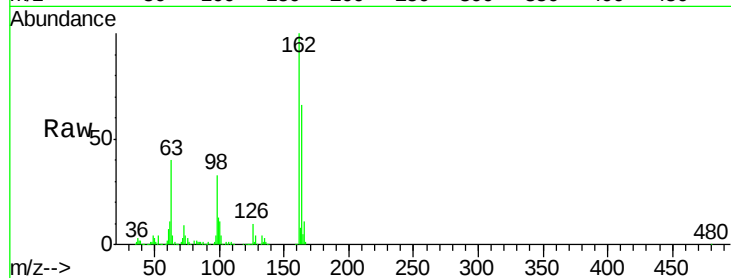
Tot Ion:162 Resp: 458850

Ion Ratio Lower Upper

162 100

164 65.8 42.4 82.4

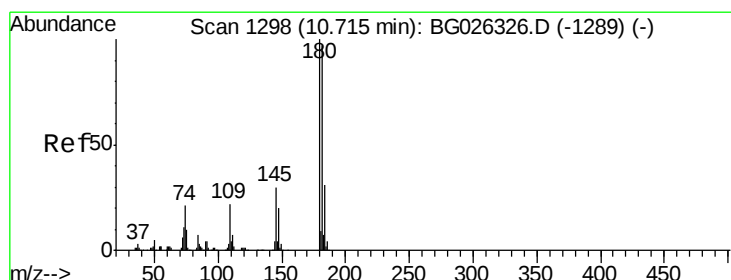
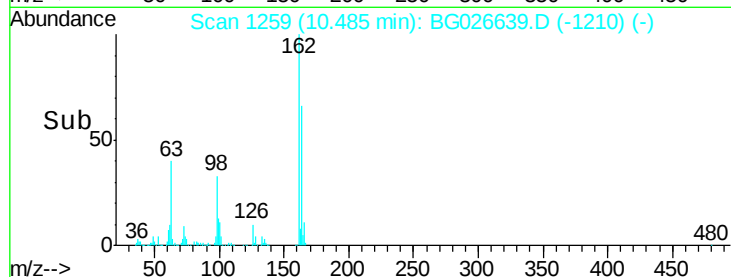
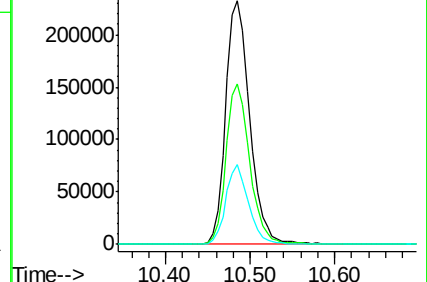
98 32.9 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.85 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

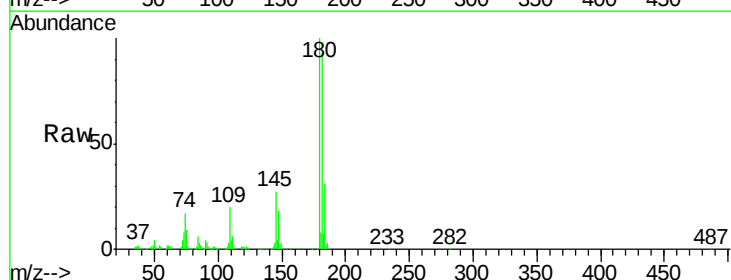
Tgt Ion:180 Resp: 466626

Ion Ratio Lower Upper

180 100

182 93.5 77.0 115.4

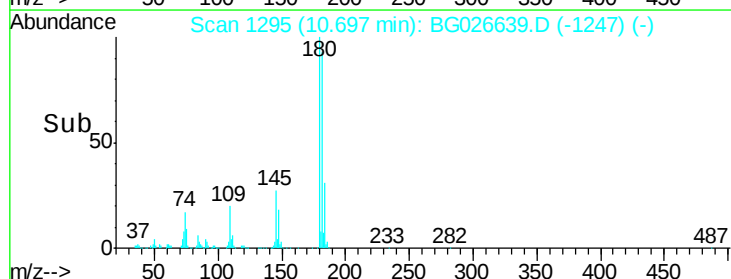
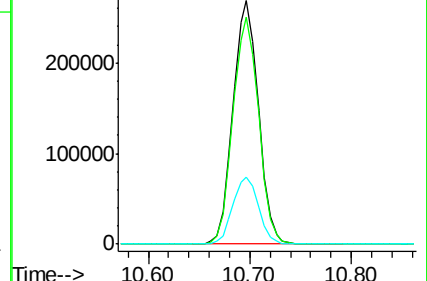
145 27.5 23.4 35.0

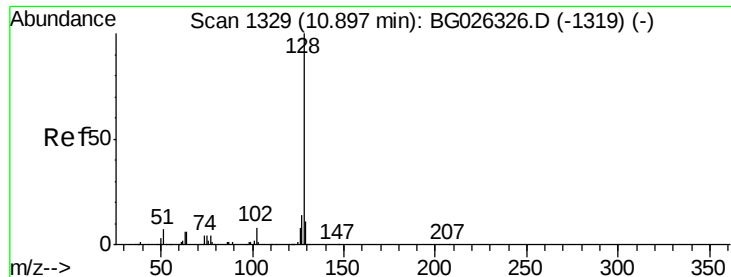


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

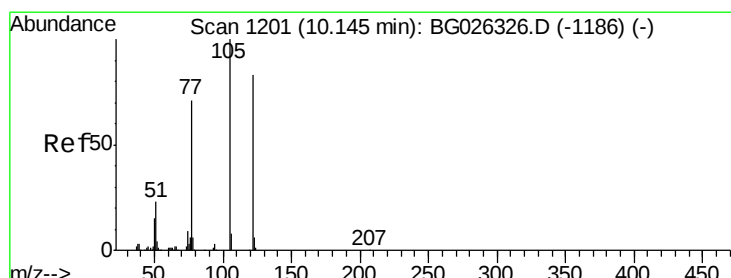
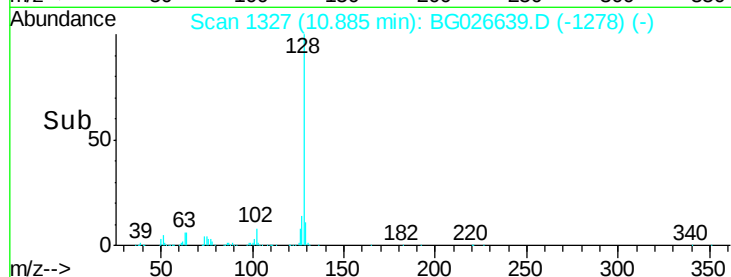
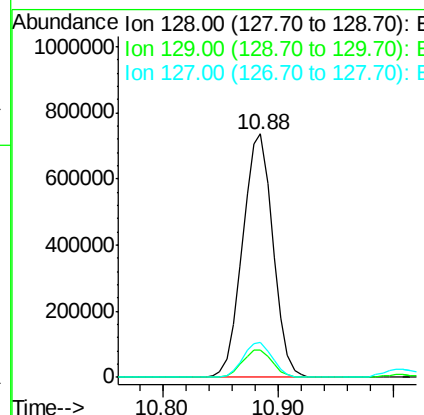
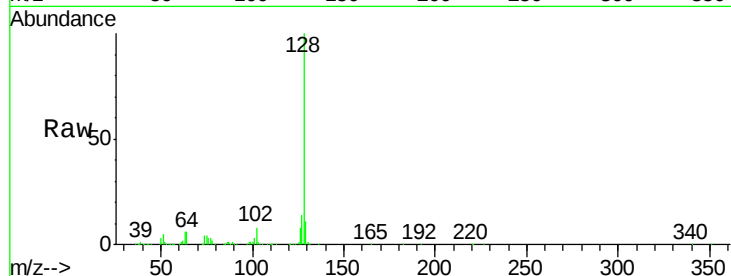




#31
Naphthalene
Concen: 43.19 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

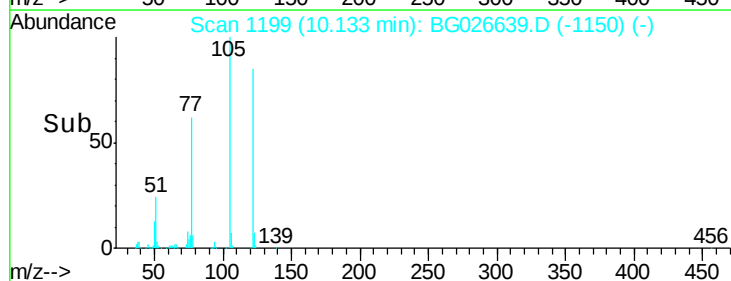
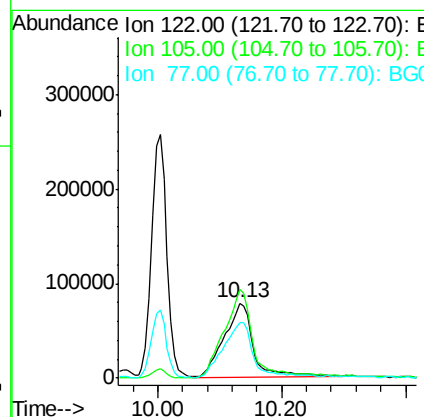
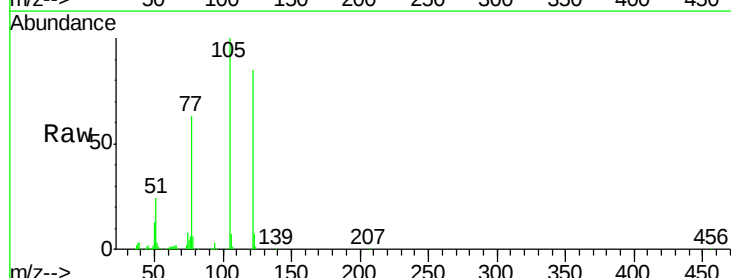
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

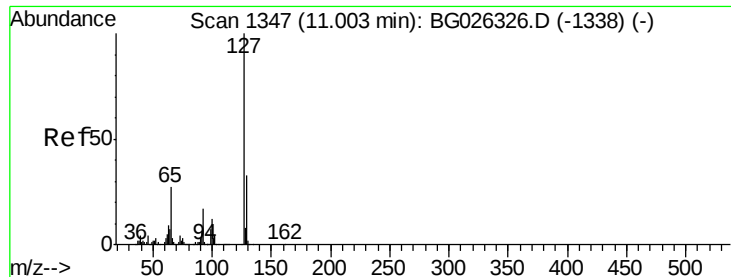
Tot Ion:128 Resp: 1336522
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 14.1 11.4 17.0



#32
Benzoic acid
Concen: 38.49 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:122 Resp: 254207
Ion Ratio Lower Upper
122 100
105 117.3 120.1 160.1#
77 73.5 104.6 144.6#

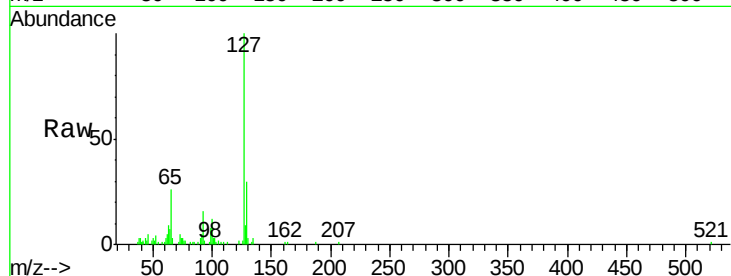




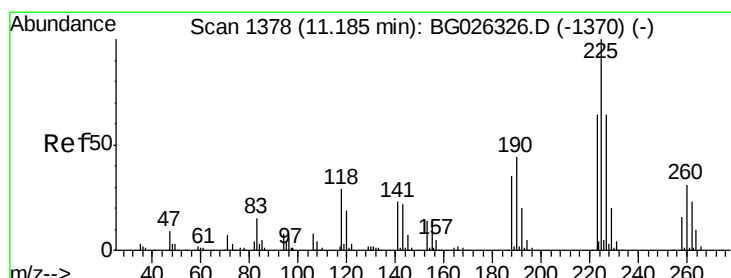
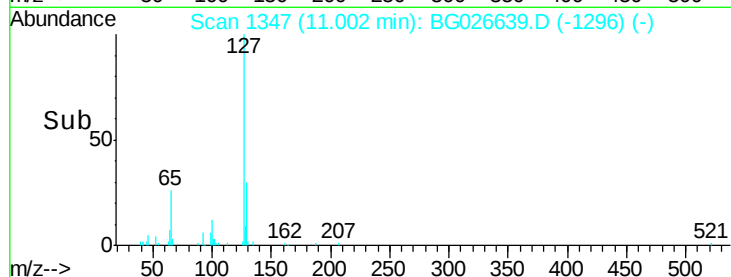
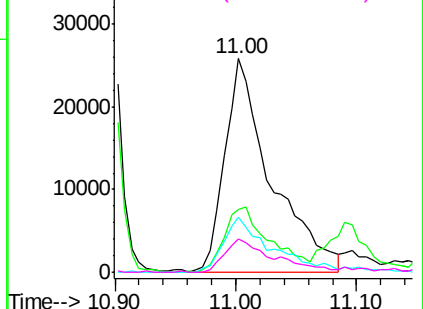
#33
4-Chloroaniline
Concen: 5.48 ng
RT: 11.00 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Instrument :
BNA_G
ClientSampleId :
PB98209BSD

Tot Ion:	127	Resp:	69017
Ion	Ratio	Lower	Upper
127	100		
129	29.6	23.6	35.4
65	25.7	37.7	56.5#
92	15.6	17.6	26.4#

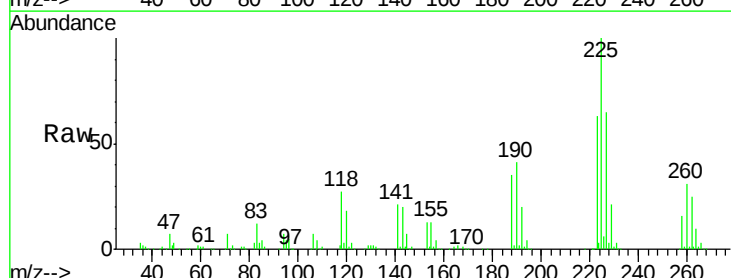


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

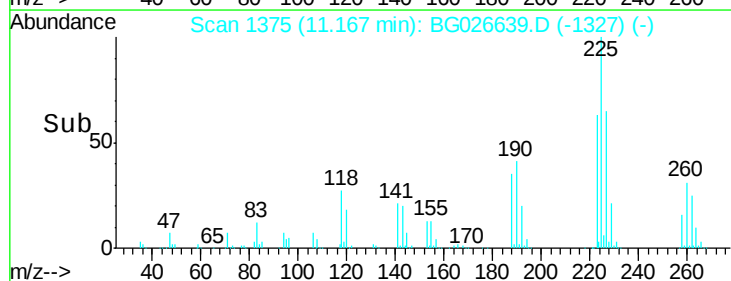
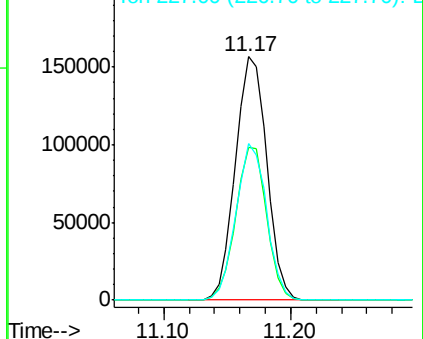


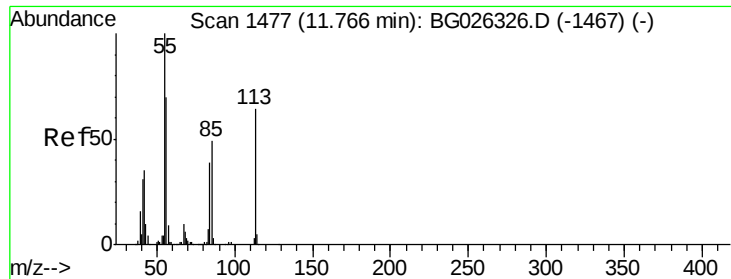
#34
Hexachlorobutadiene
Concen: 46.76 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:	225	Resp:	269012
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.7	76.1
227	64.5	49.0	73.6



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

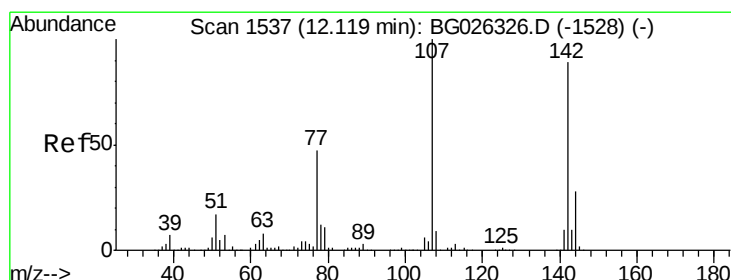
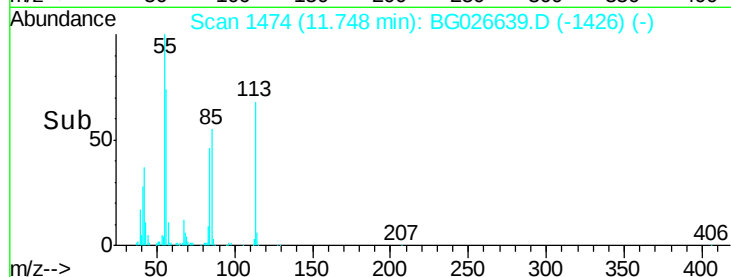
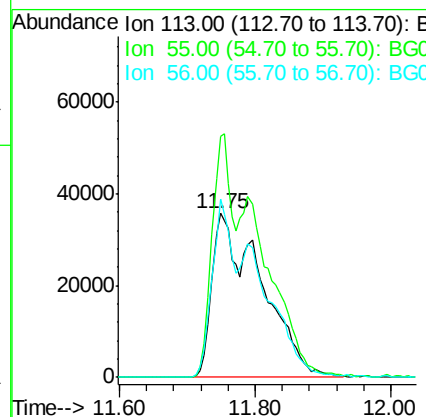
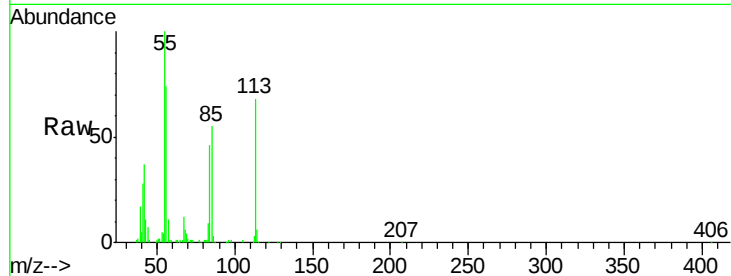




#35
Caprolactam
Concen: 52.71 ng/ml
RT: 11.75 min Scan# 1474
Delta R.T. -0.02 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

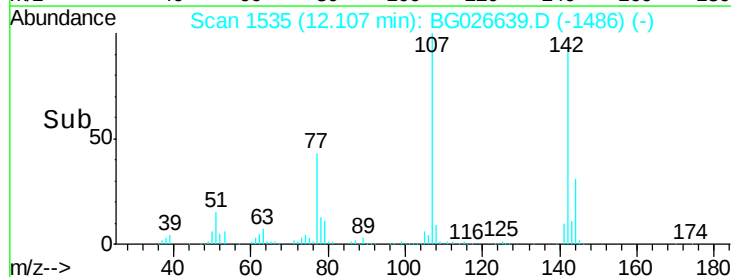
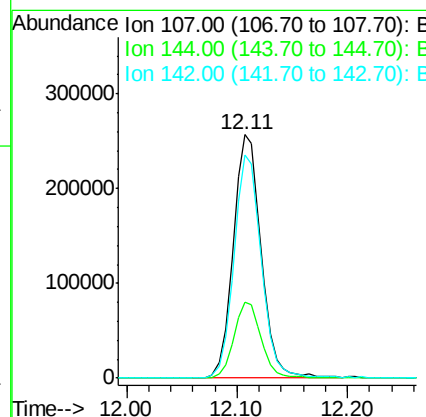
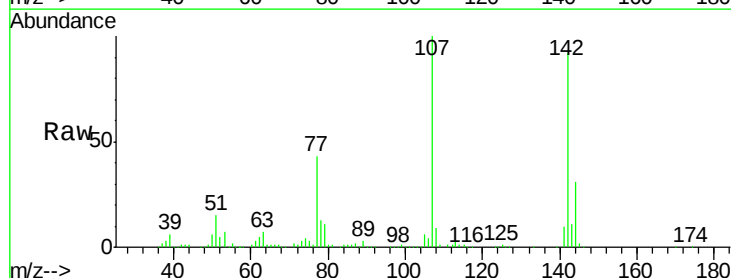
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

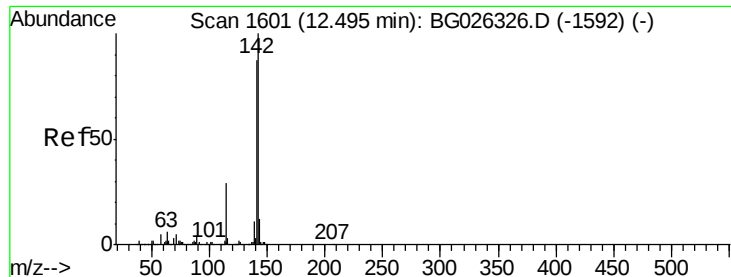
Tot Ion:113 Resp: 180289
Ion Ratio Lower Upper
113 100
55 146.7 198.6 238.6#
56 108.6 140.4 180.4#



#36
4-Chloro-3-methylphenol
Concen: 48.96 ng
RT: 12.11 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:107 Resp: 454655
Ion Ratio Lower Upper
107 100
144 31.3 17.4 26.0#
142 91.8 54.1 81.1#





#37

2-Methylnaphthalene

Concen: 46.01 ng

RT: 12.48 min Scan# 1598

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

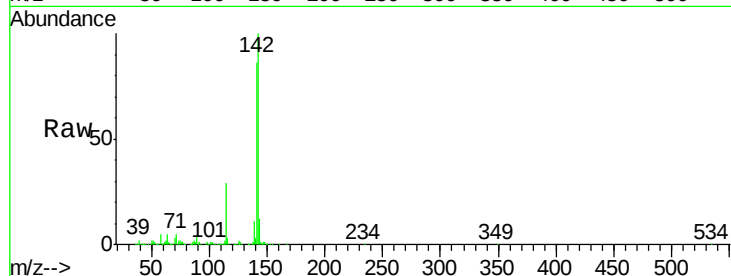
Tot Ion:142 Resp: 1042828

Ion Ratio Lower Upper

142 100

141 85.6 70.4 105.6

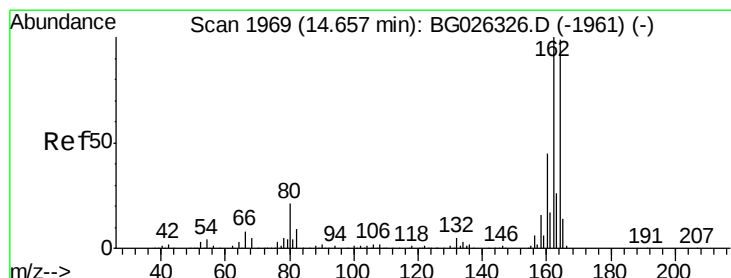
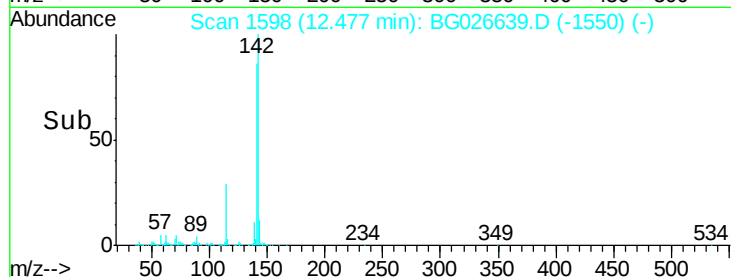
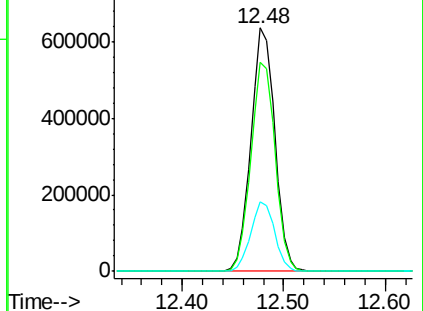
115 28.8 35.5 53.3#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.64 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

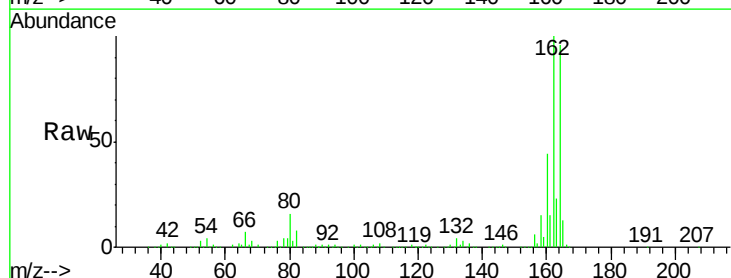
Tgt Ion:164 Resp: 386943

Ion Ratio Lower Upper

164 100

162 103.7 85.1 127.7

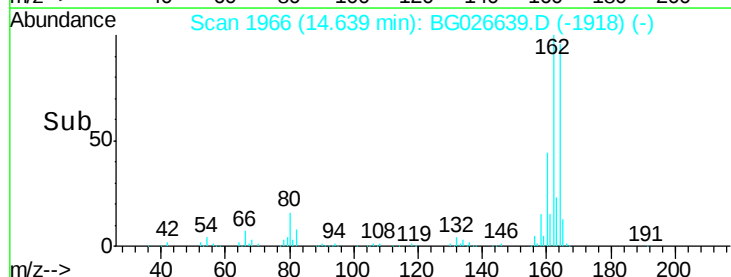
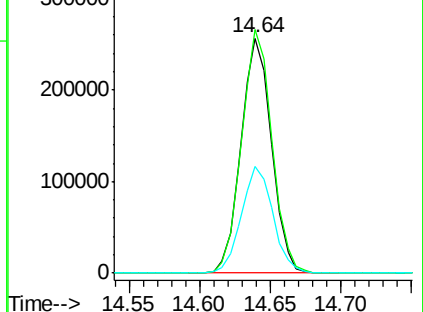
160 45.5 34.7 52.1

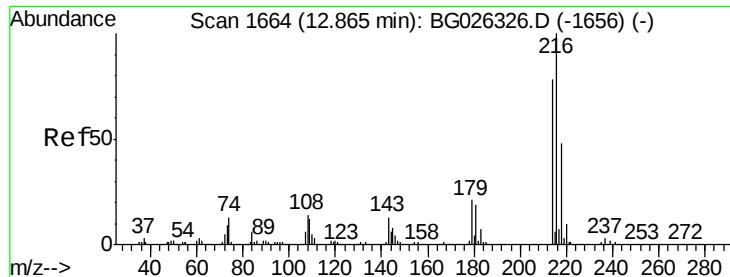


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.80 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

Tot Ion:216 Resp: 498278

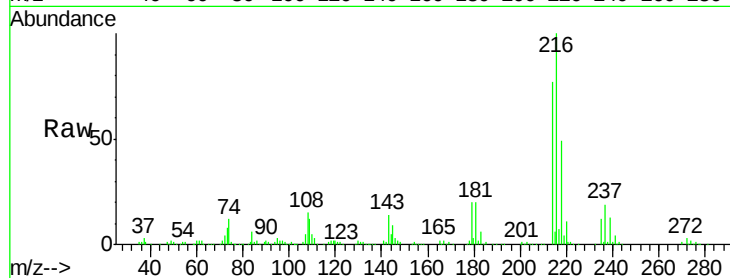
Ion Ratio Lower Upper

216 100

214 79.0 64.4 96.6

179 20.2 17.4 26.0

108 17.0 15.6 23.4

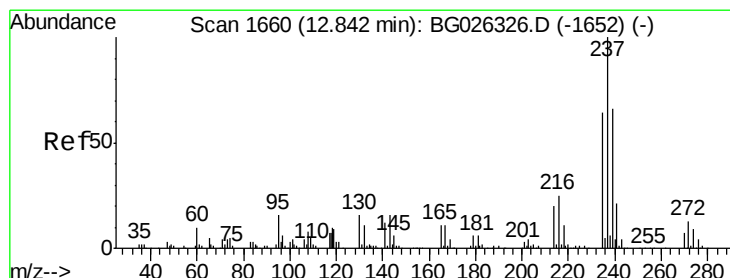
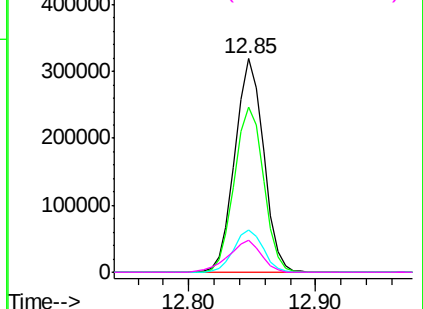
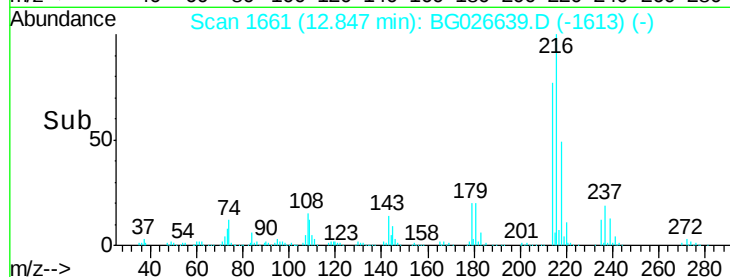


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.81 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

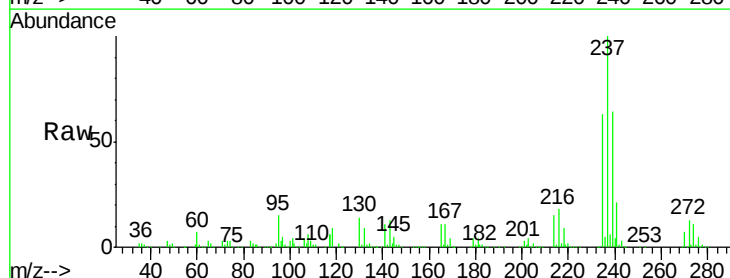
Tgt Ion:237 Resp: 587119

Ion Ratio Lower Upper

237 100

235 63.2 39.4 79.4

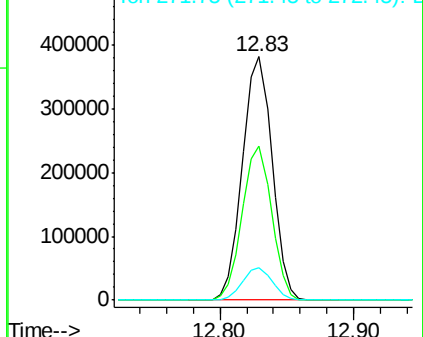
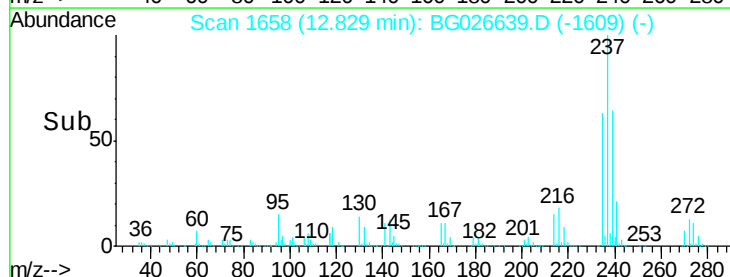
272 13.2 0.0 32.0

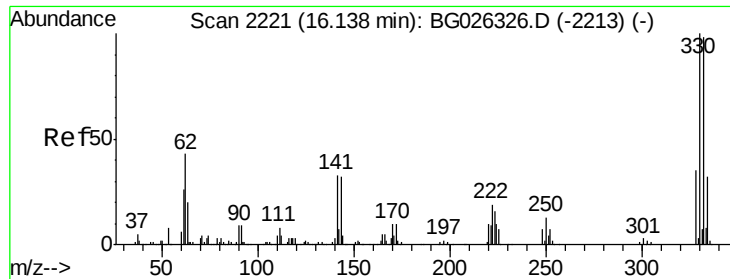


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 167.37 ng

RT: 16.13 min Scan# 2219

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

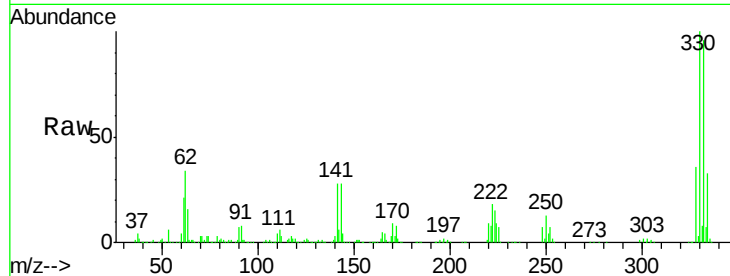
Tot Ion:330 Resp: 741650

Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

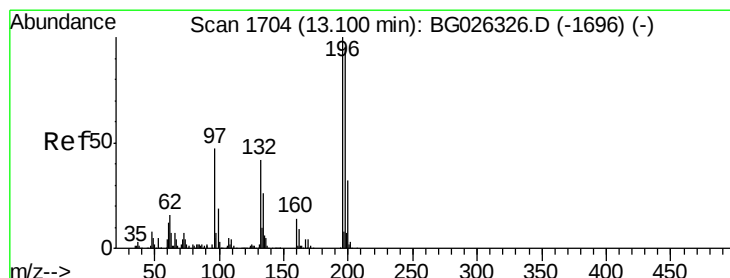
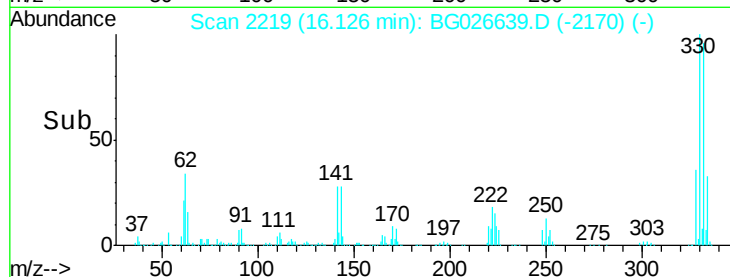
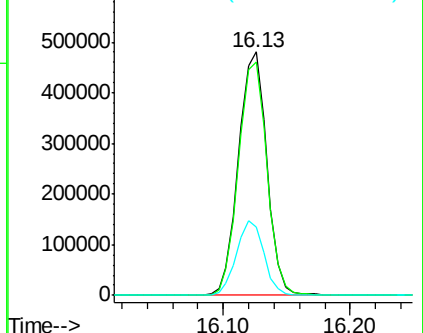
141 29.8 32.1 48.1#



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: 48.89 ng

RT: 13.08 min Scan# 1701

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

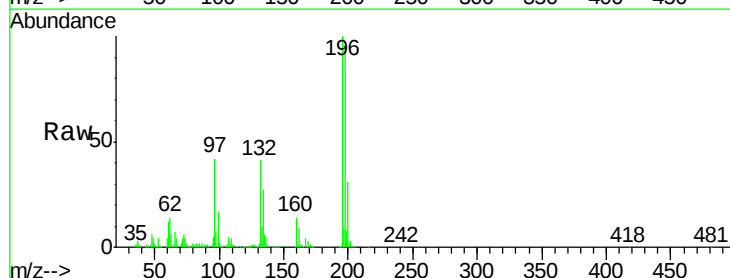
Tgt Ion:196 Resp: 372689

Ion Ratio Lower Upper

196 100

198 96.1 81.4 122.2

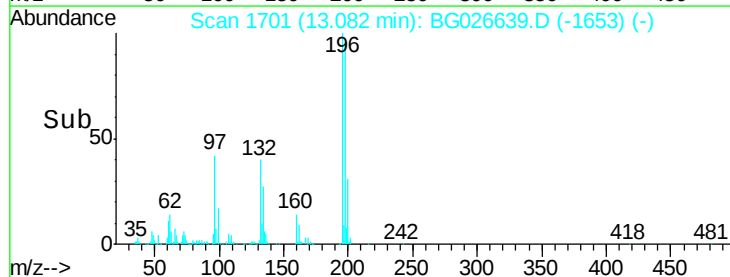
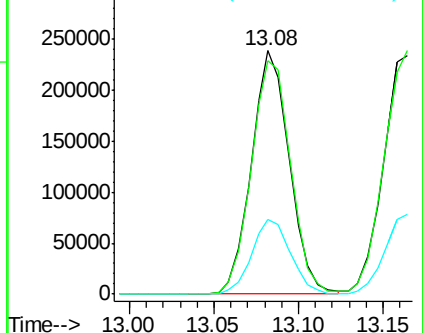
200 30.9 27.0 40.6

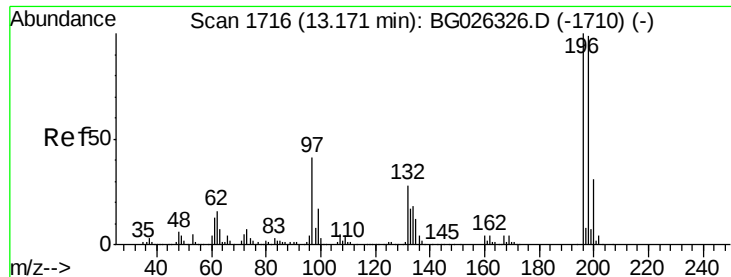


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

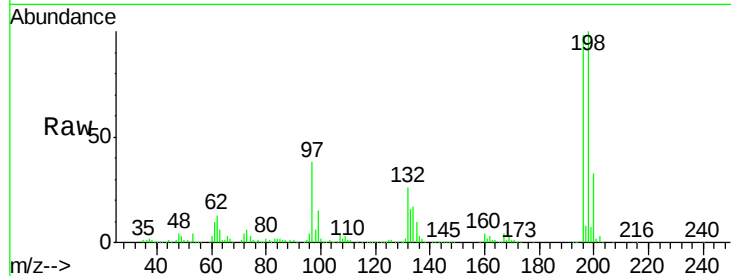




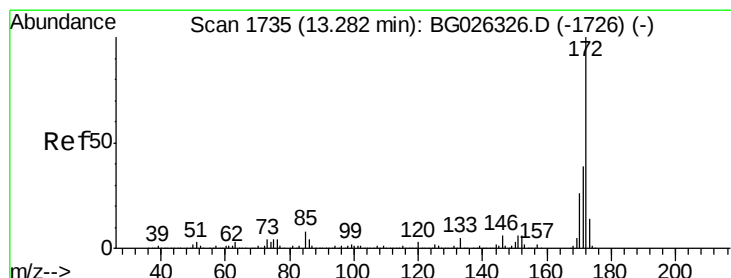
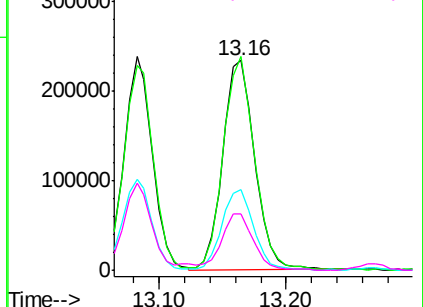
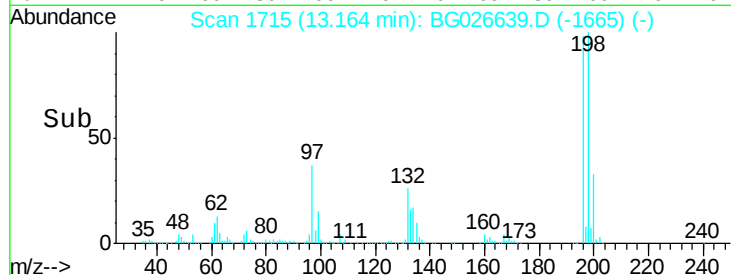
#43
 2,4,5-Trichlorophenol
 Concen: 48.36 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

Tot Ion:196 Resp: 407473
 Ion Ratio Lower Upper
 196 100
 198 101.9 79.9 119.9
 97 38.2 45.4 68.0#
 132 26.7 20.7 31.1

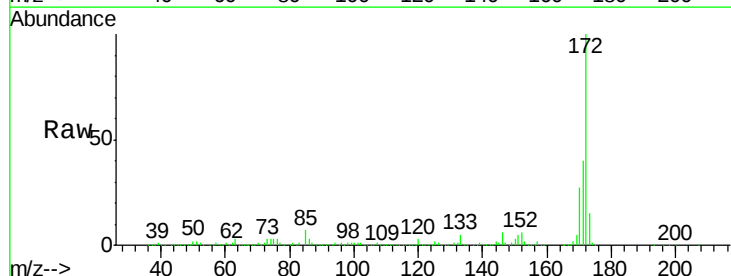


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

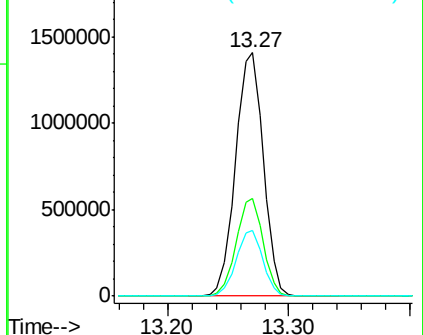
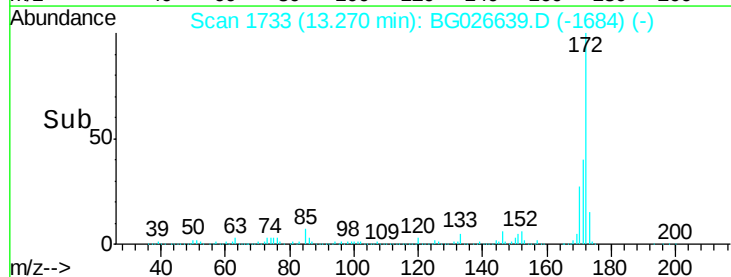


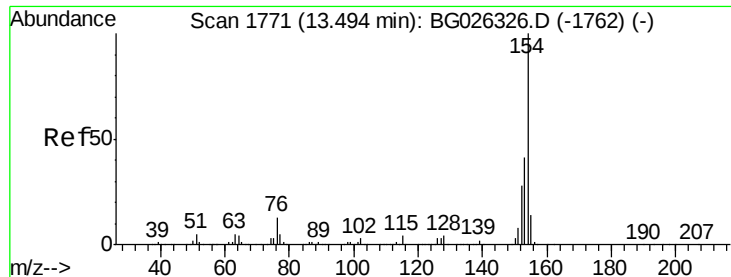
#44
 2-Fluorobiphenyl
 Concen: 82.04 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:172 Resp: 2263685
 Ion Ratio Lower Upper
 172 100
 171 39.9 32.2 48.2
 170 27.0 21.8 32.6



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

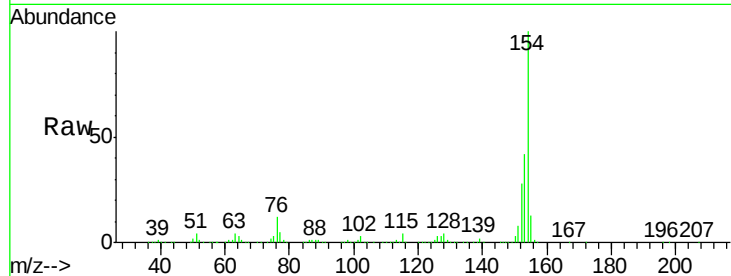




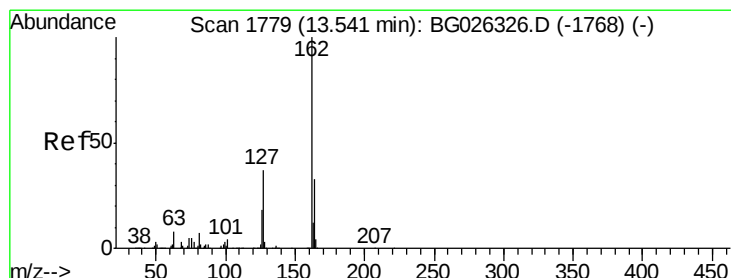
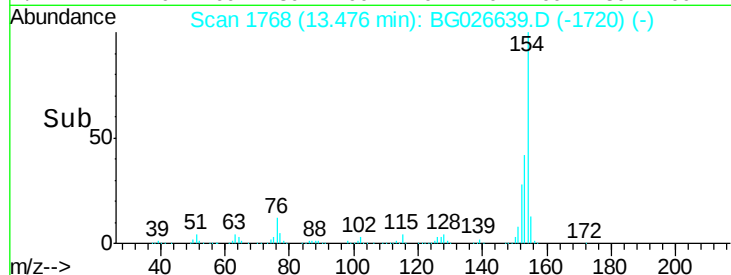
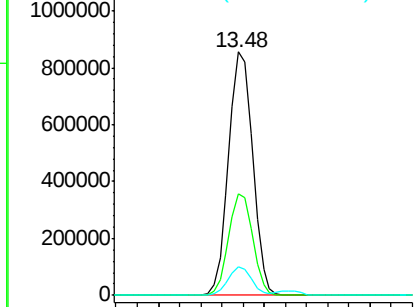
#45
 1,1'-Biphenyl
 Concen: 42.09 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

Tot Ion:154 Resp: 1348651
 Ion Ratio Lower Upper
 154 100
 153 41.9 23.0 63.0
 76 11.7 0.0 33.5

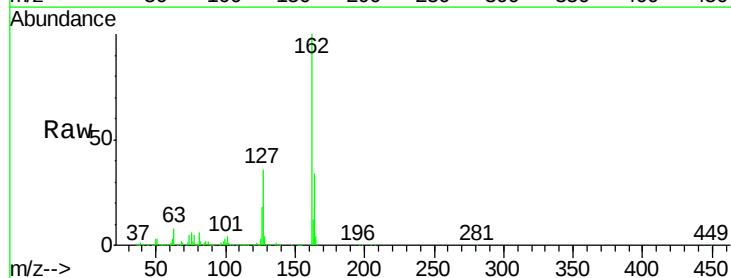


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

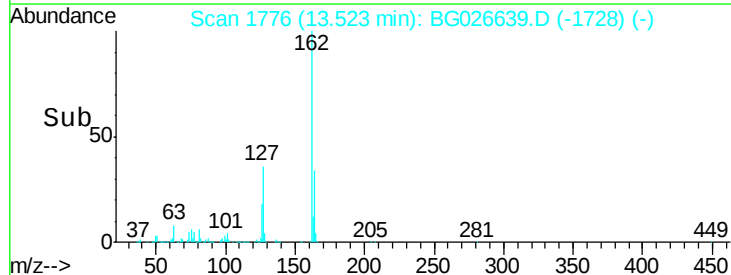
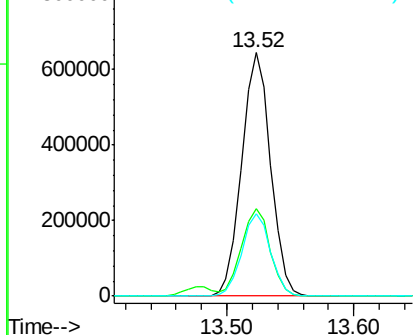


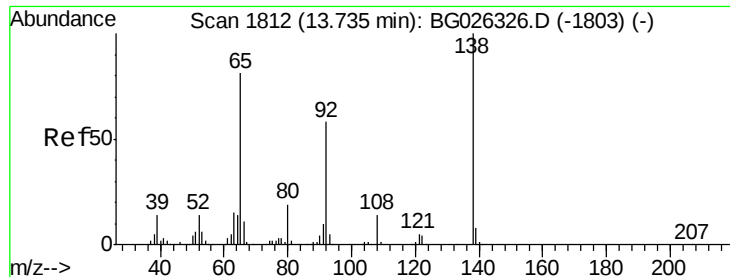
#46
 2-Chloronaphthalene
 Concen: 43.45 ng
 RT: 13.52 min Scan# 1776
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:162 Resp: 1016822
 Ion Ratio Lower Upper
 162 100
 127 36.2 32.2 48.4
 164 33.6 27.3 40.9



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: 42.18 ng

RT: 13.72 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

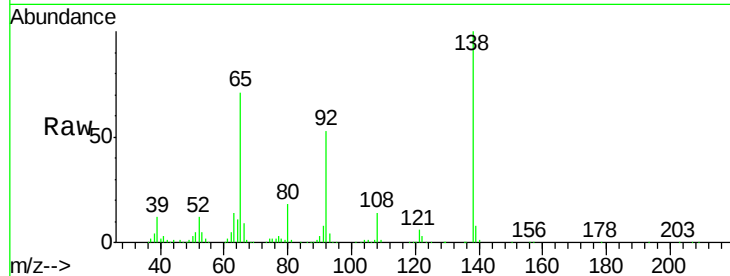
Tot Ion: 65 Resp: 280770

Ion Ratio Lower Upper

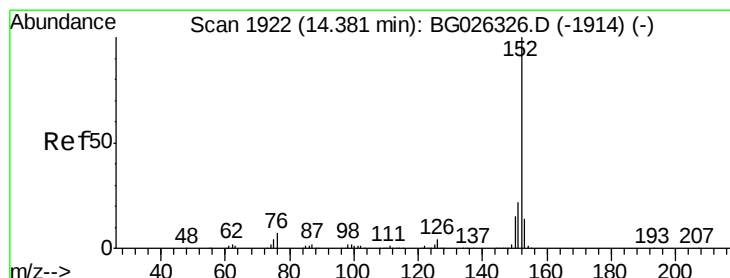
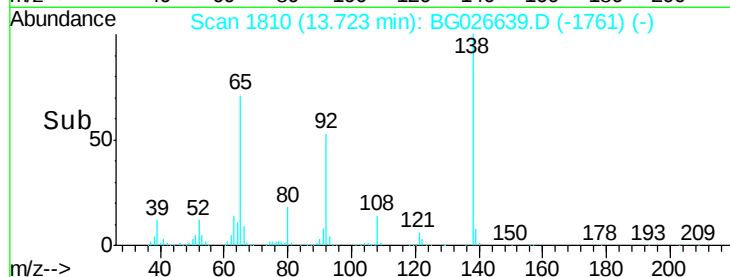
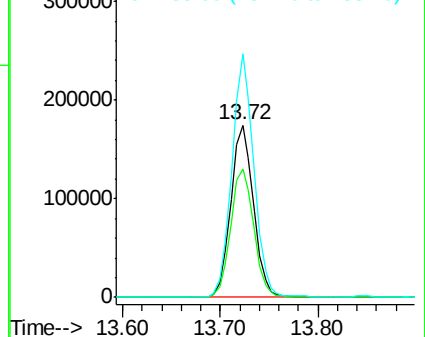
65 100

92 74.8 49.0 73.4#

138 141.6 58.6 87.8#



Abundance Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 42.12 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

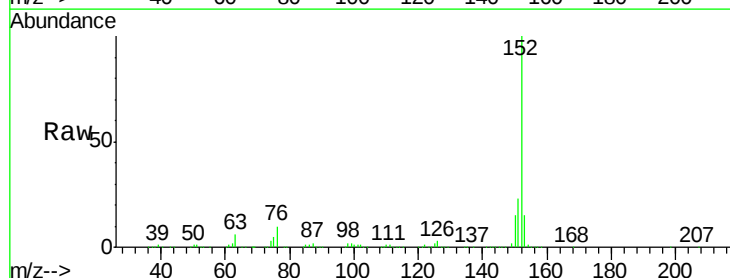
Tgt Ion:152 Resp: 1718477

Ion Ratio Lower Upper

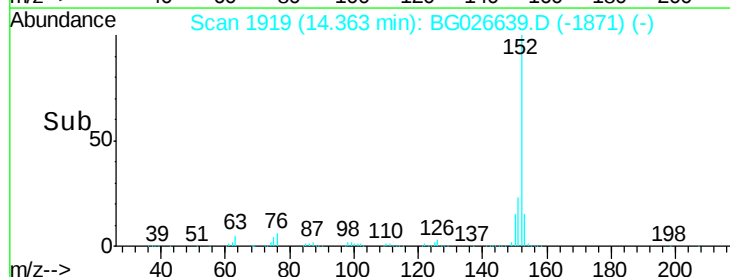
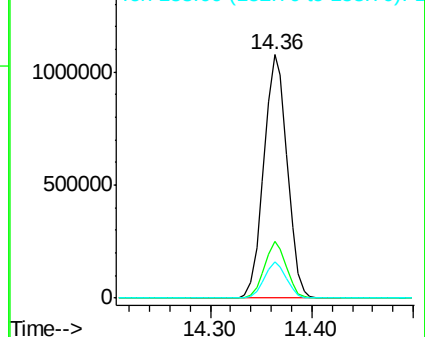
152 100

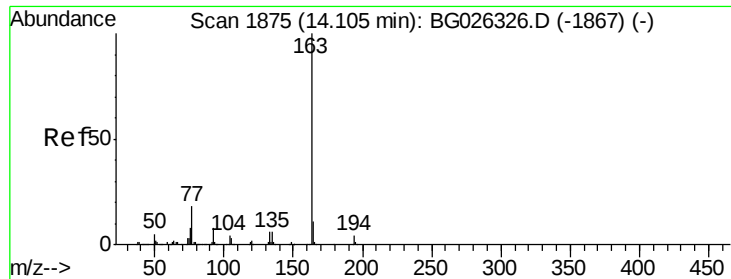
151 23.1 18.2 27.2

153 14.7 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): BGC
Ion 151.00 (150.70 to 151.70): BGC
Ion 153.00 (152.70 to 153.70): BGC

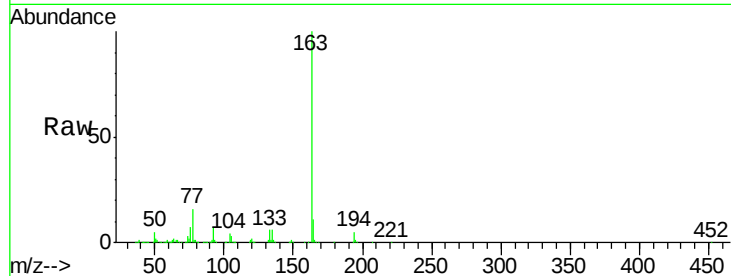




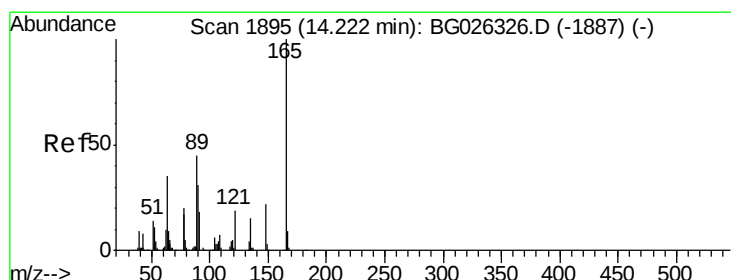
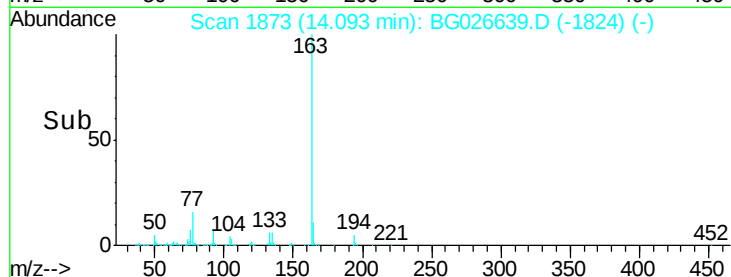
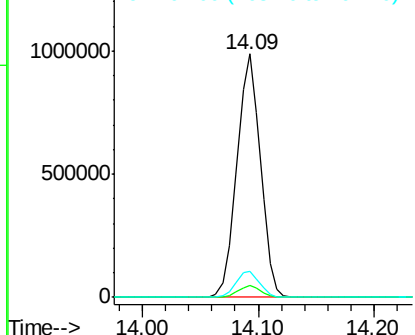
#49
Dimethylphthalate
Concen: 47.63 ng
RT: 14.09 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Instrument :
BNA_G
ClientSampleId :
PB98209BSD

Tot Ion:163 Resp: 1391038
Ion Ratio Lower Upper
163 100
194 4.9 3.8 5.6
164 10.9 9.3 13.9

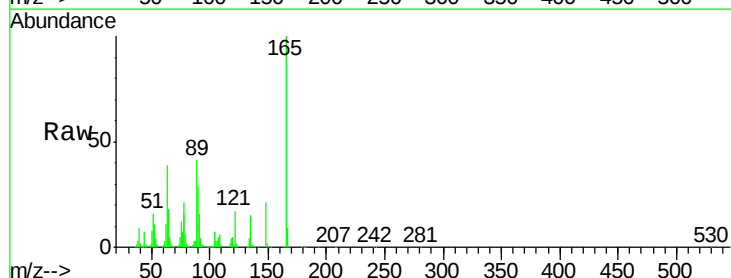


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

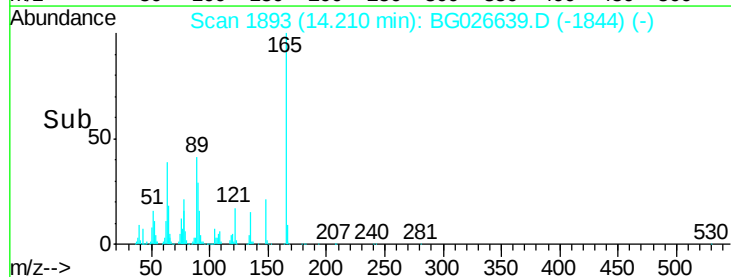
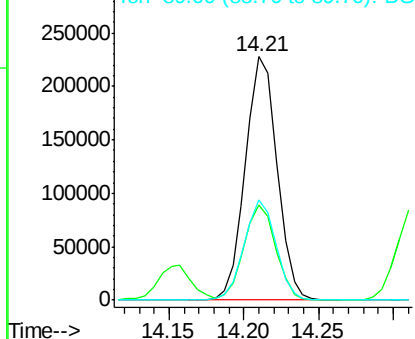


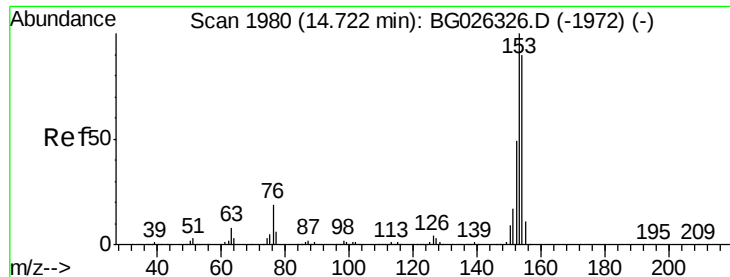
#50
2,6-Dinitrotoluene
Concen: 49.10 ng
RT: 14.21 min Scan# 1893
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:165 Resp: 334675
Ion Ratio Lower Upper
165 100
63 38.9 63.9 95.9#
89 40.9 58.6 88.0#



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: 43.18 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

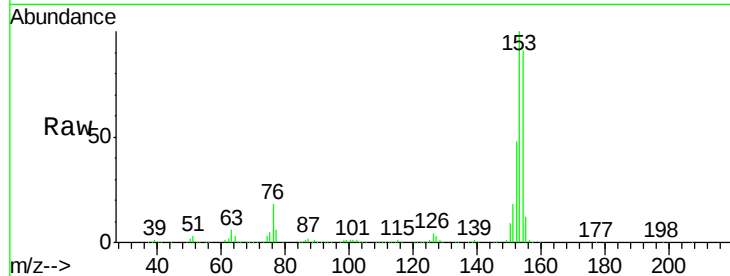
Tot Ion:154 Resp: 1084912

Ion Ratio Lower Upper

154 100

153 110.1 87.8 131.6

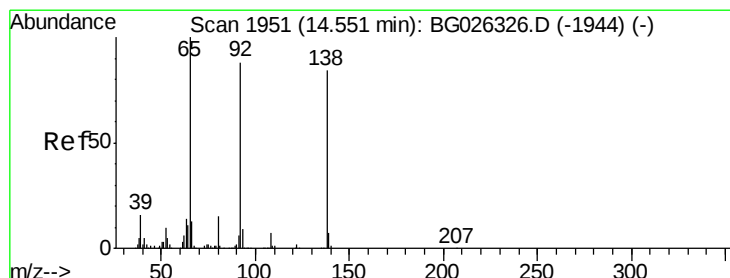
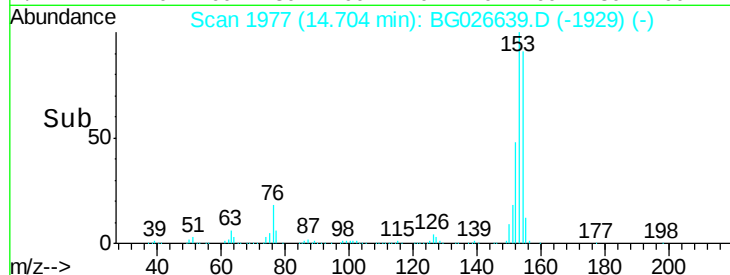
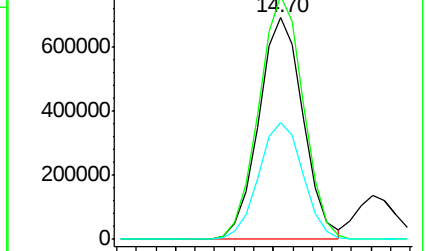
152 52.8 42.2 63.4



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: 23.34 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

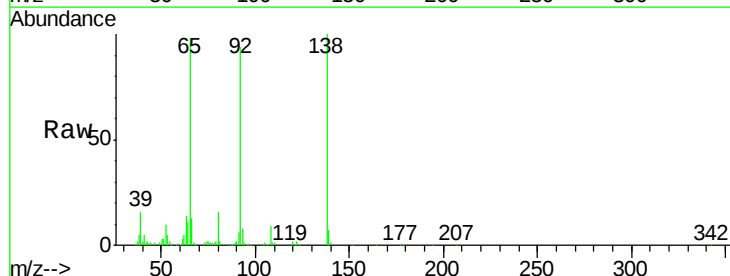
Tgt Ion:138 Resp: 175211

Ion Ratio Lower Upper

138 100

108 8.6 10.9 16.3#

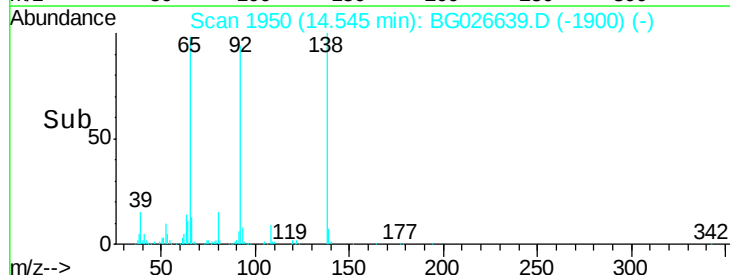
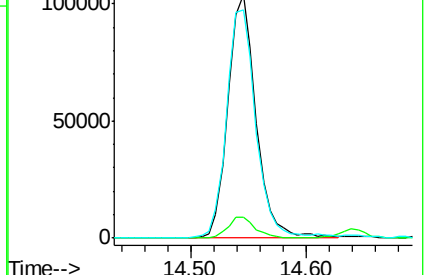
92 93.8 115.3 172.9#

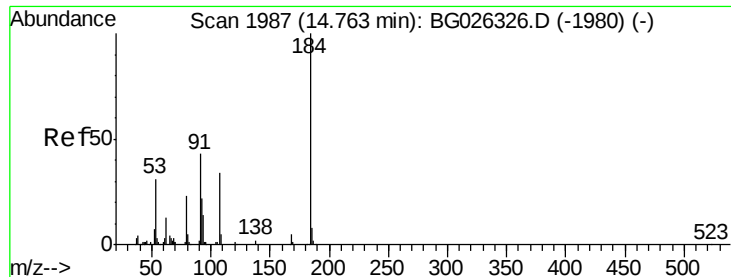


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#53

2,4-Dinitrophenol

Concen: 107.27 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

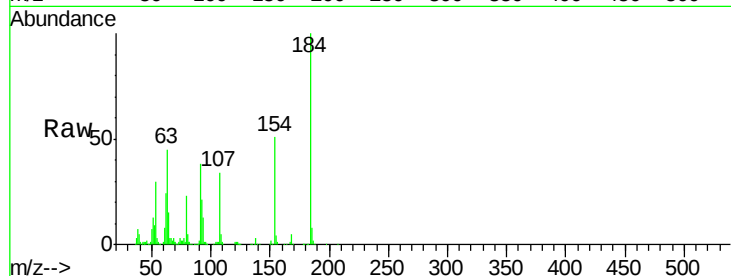
Tot Ion:184 Resp: 424182

Ion Ratio Lower Upper

184 100

63 45.2 52.7 79.1#

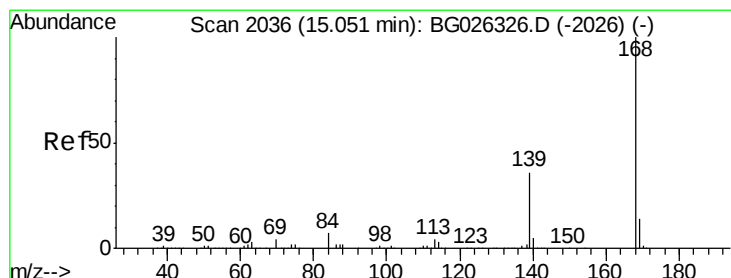
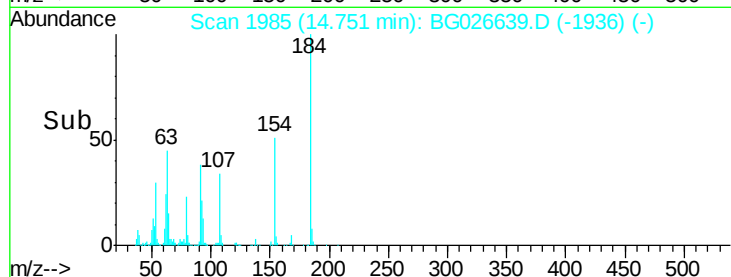
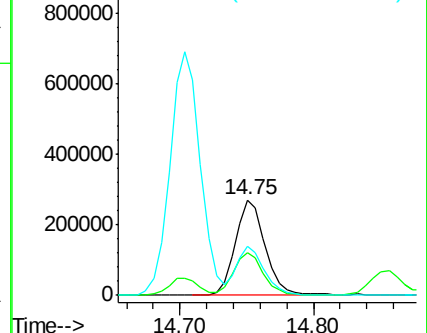
154 50.9 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 47.73 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

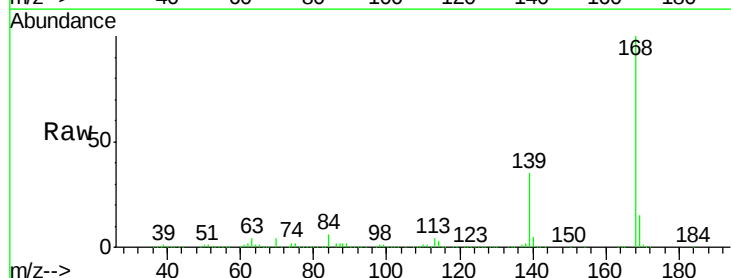
Tgt Ion:168 Resp: 1688477

Ion Ratio Lower Upper

168 100

139 35.3 35.3 52.9#

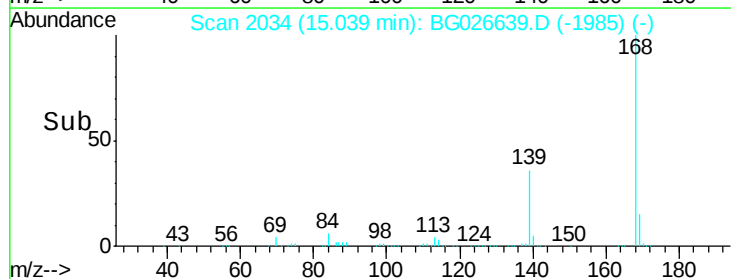
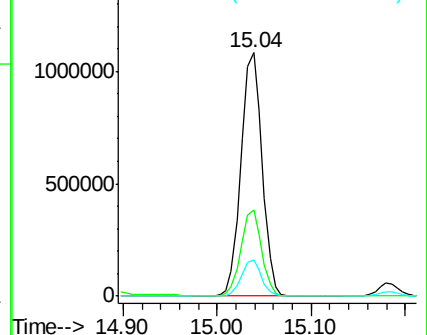
169 14.9 11.5 17.3

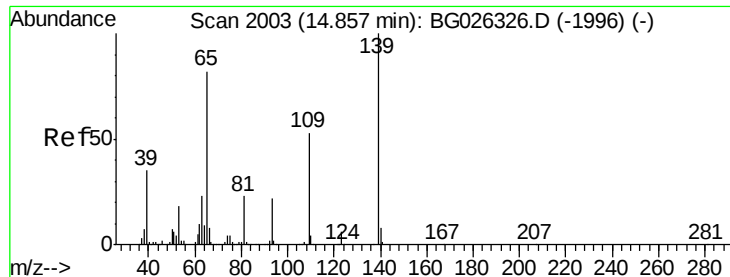


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

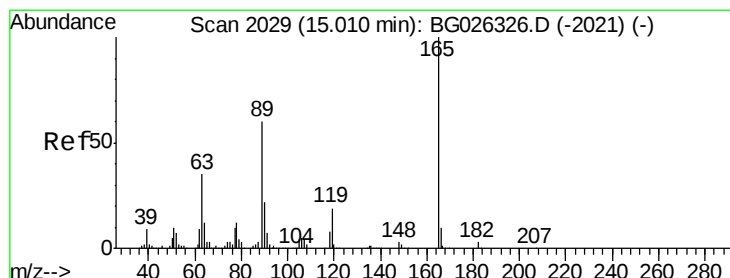
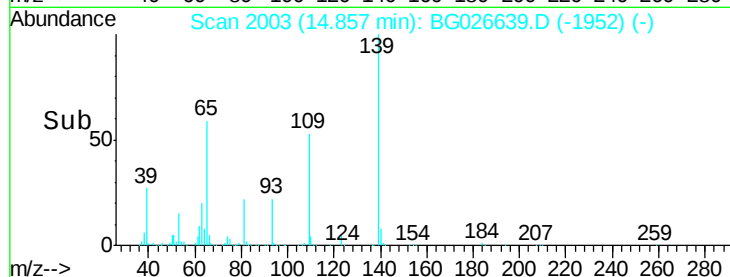
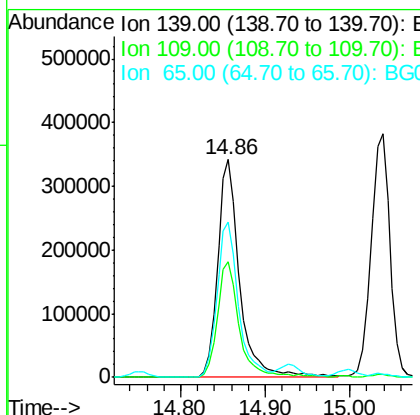
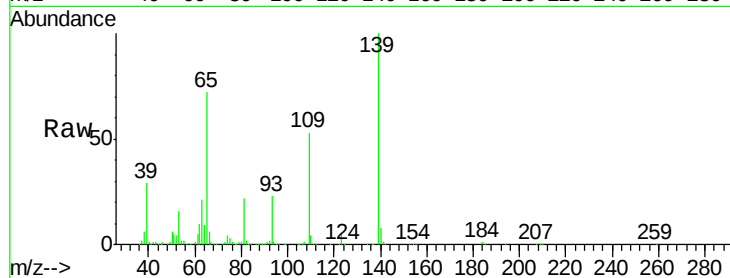




#55
4-Nitrophenol
Concen: 101.06 ng
RT: 14.86 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

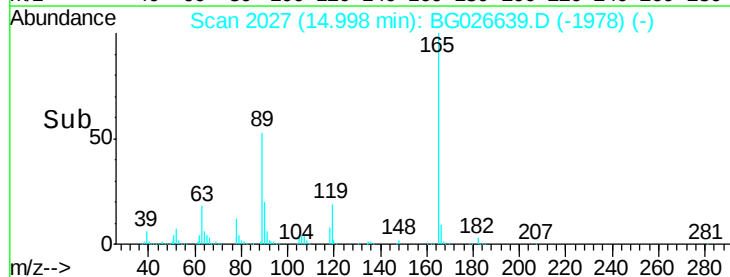
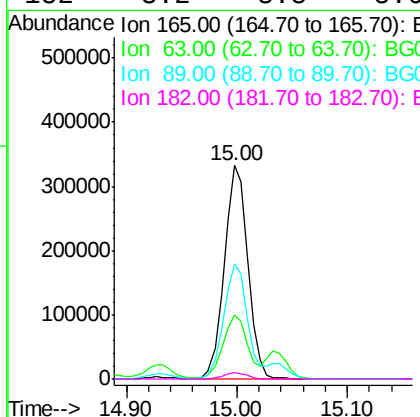
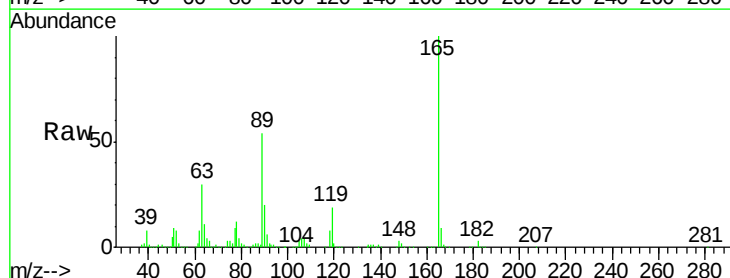
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

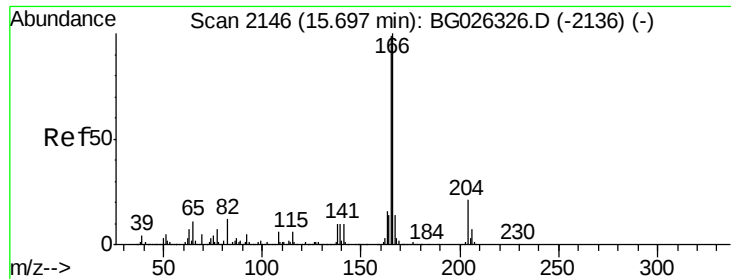
Tot Ion:139 Resp: 621151
Ion Ratio Lower Upper
139 100
109 52.9 101.2 141.2#
65 71.5 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 51.51 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:165 Resp: 493827
Ion Ratio Lower Upper
165 100
63 30.0 44.0 66.0#
89 54.1 67.3 100.9#
182 3.2 3.8 5.6#

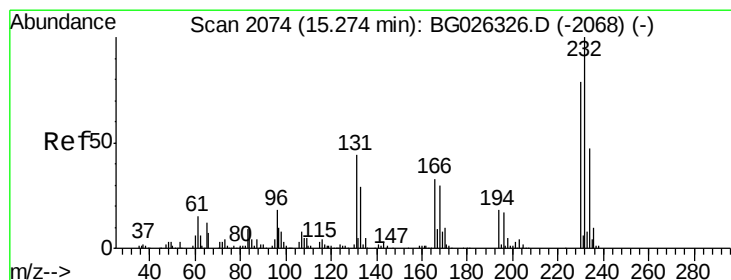
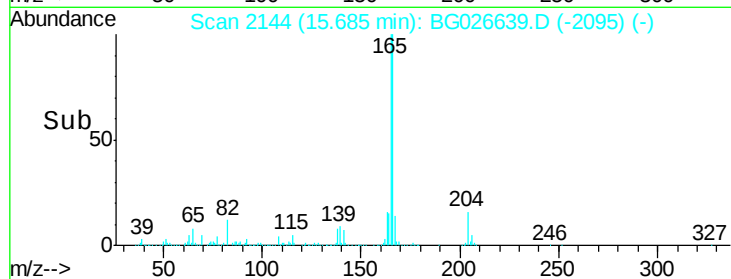
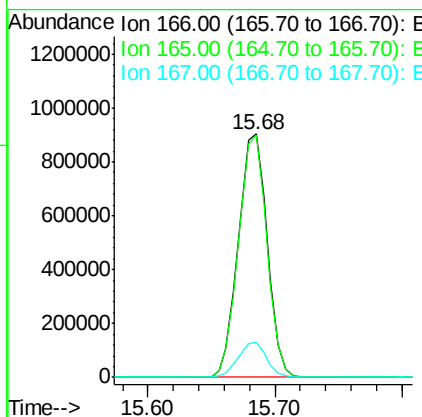
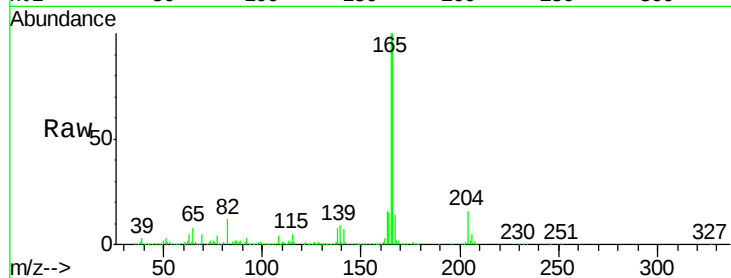




#57
Fluorene
 Concen: 45.04 ng
 RT: 15.68 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

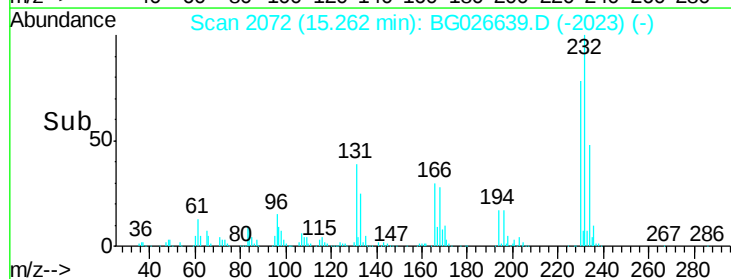
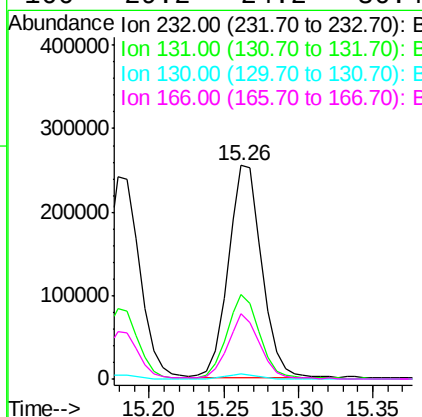
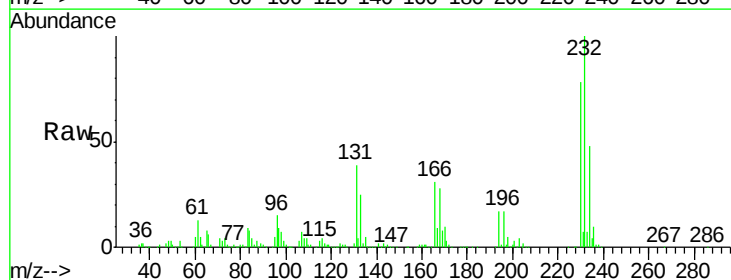
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

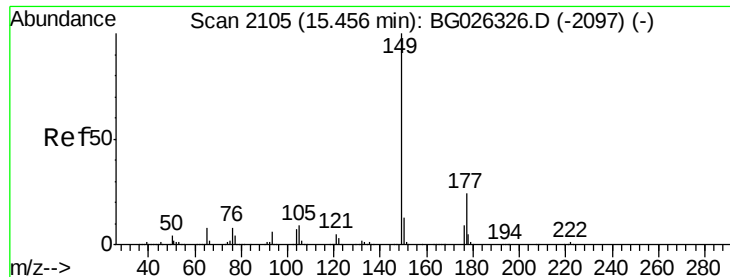
Tot Ion:166 Resp: 1418011
 Ion Ratio Lower Upper
 166 100
 165 99.8 78.6 117.8
 167 14.4 11.6 17.4



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.30 ng
 RT: 15.26 min Scan# 2072
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:232 Resp: 399070
 Ion Ratio Lower Upper
 232 100
 131 38.9 34.9 52.3
 130 2.0 2.3 3.5#
 166 29.2 24.2 36.4





#59

Diethylphthalate

Concen: 47.76 ng

RT: 15.44 min Scan# 2103

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

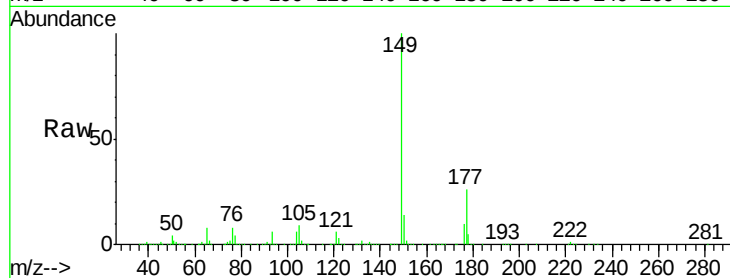
Tot Ion:149 Resp: 1425801

Ion Ratio Lower Upper

149 100

177 26.2 20.1 30.1

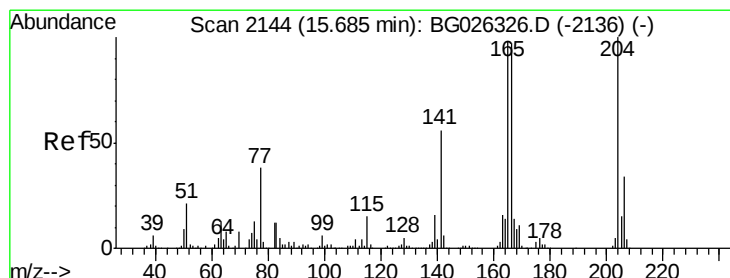
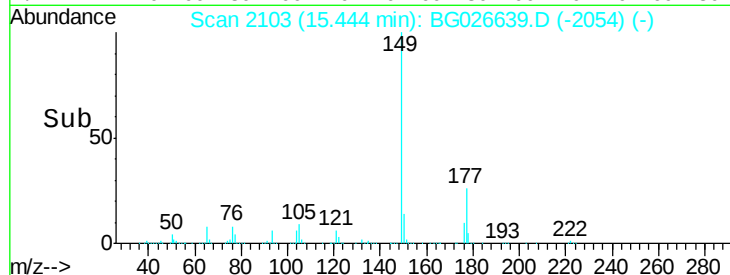
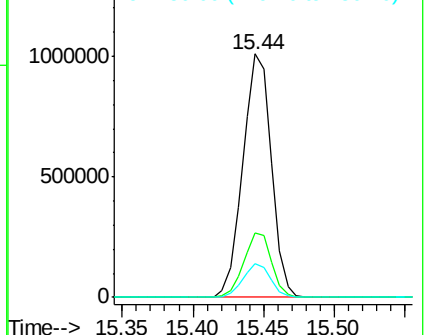
150 13.6 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.44 ng

RT: 15.67 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

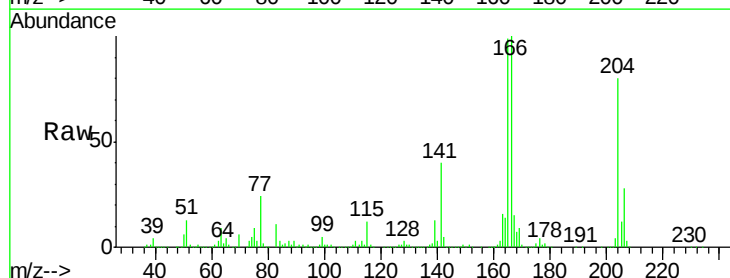
Tgt Ion:204 Resp: 707765

Ion Ratio Lower Upper

204 100

206 34.5 30.1 45.1

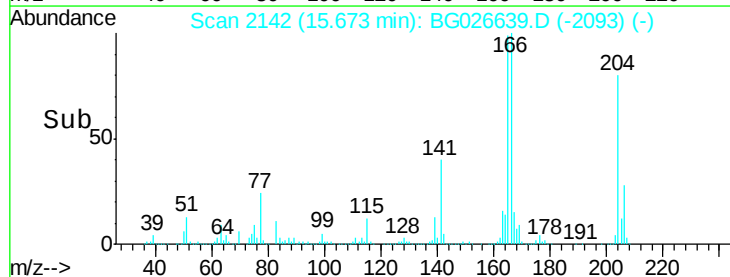
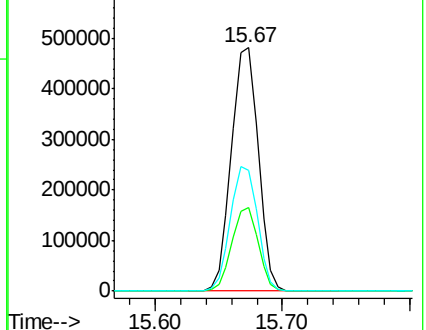
141 49.7 50.6 76.0#

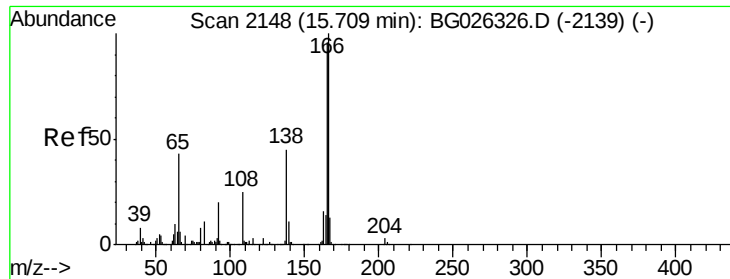


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

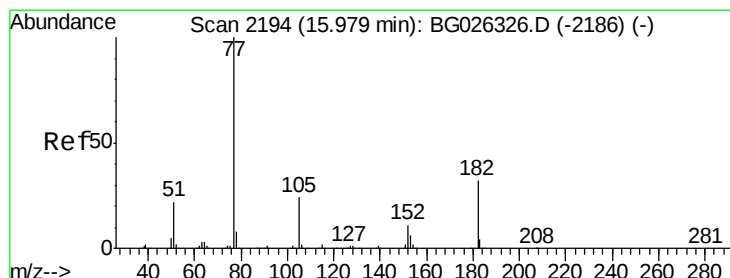
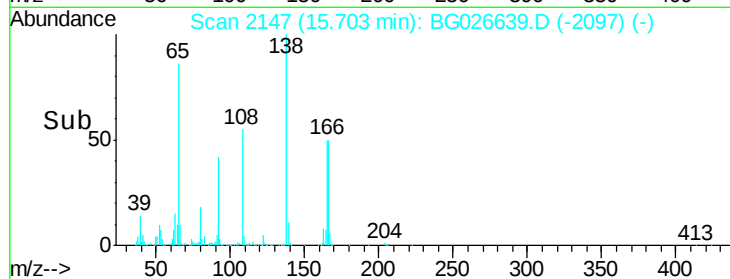
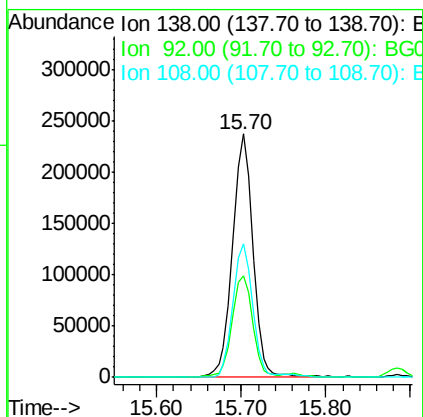
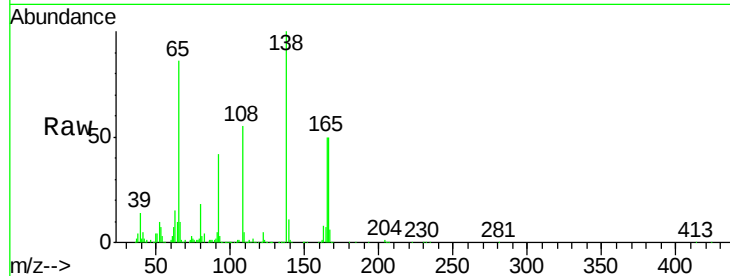




#61
4-Nitroaniline
Concen: 49.70 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

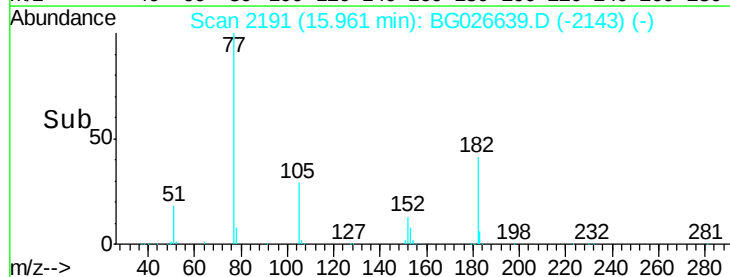
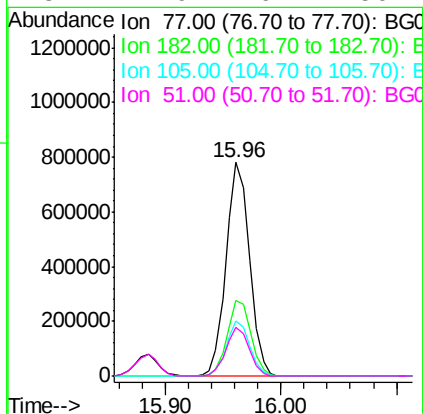
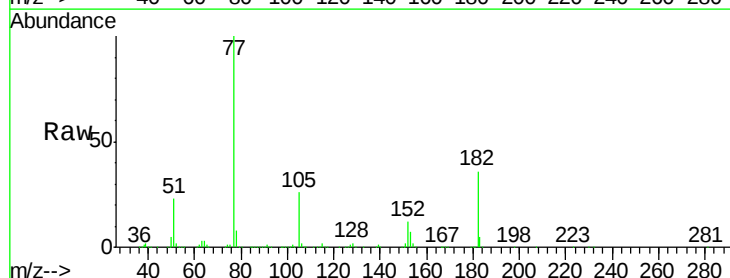
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

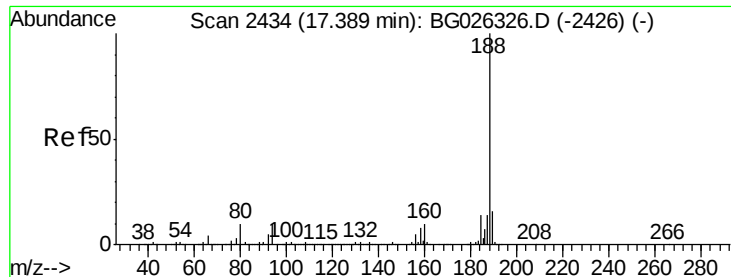
Tot Ion:138 Resp: 394562
Ion Ratio Lower Upper
138 100
92 41.7 44.2 84.2#
108 54.8 104.8 144.8#



#62
Azobenzene
Concen: 45.07 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion: 77 Resp: 1093867
Ion Ratio Lower Upper
77 100
182 35.6 4.7 44.7
105 25.8 0.0 36.3
51 22.9 16.4 56.4

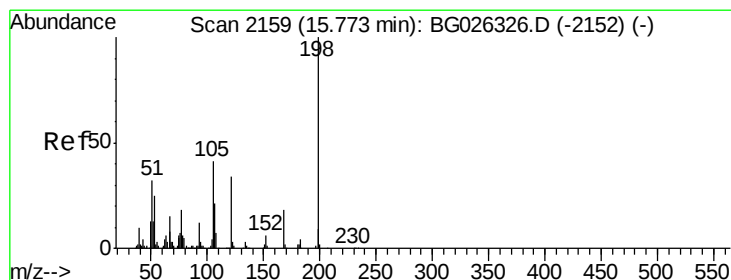
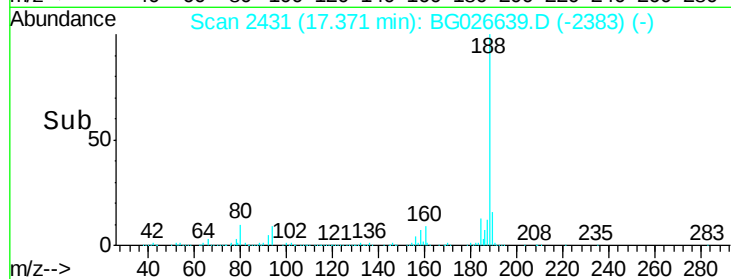
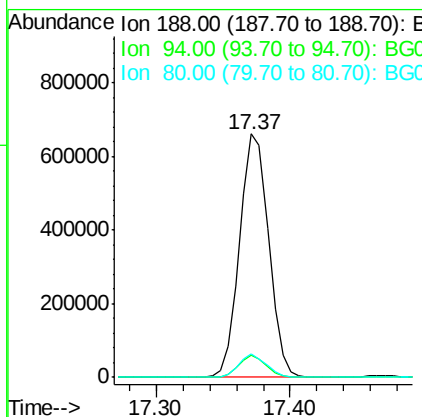
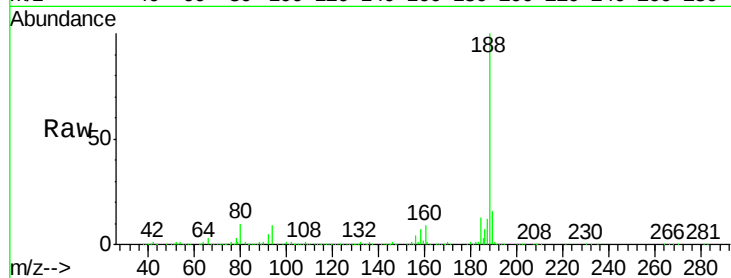




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

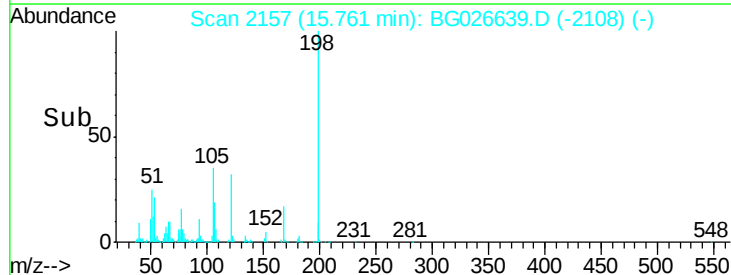
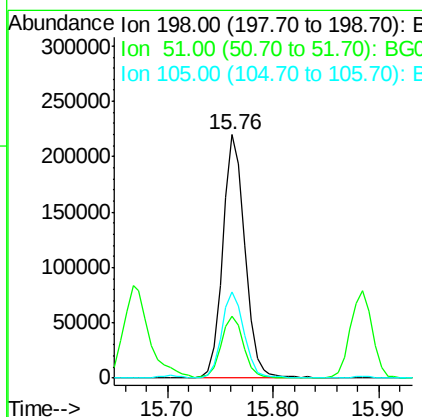
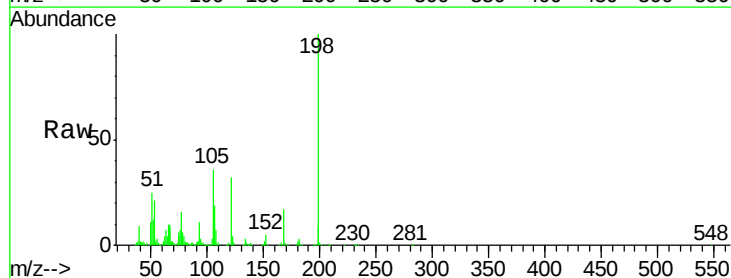
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

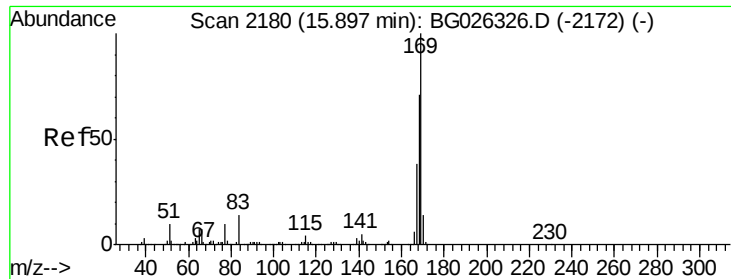
Tot Ion:188 Resp: 995749
Ion Ratio Lower Upper
188 100
94 8.9 5.8 8.8#
80 9.7 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 51.04 ng
RT: 15.76 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion:198 Resp: 320440
Ion Ratio Lower Upper
198 100
51 25.4 22.6 62.6
105 35.6 14.4 54.4

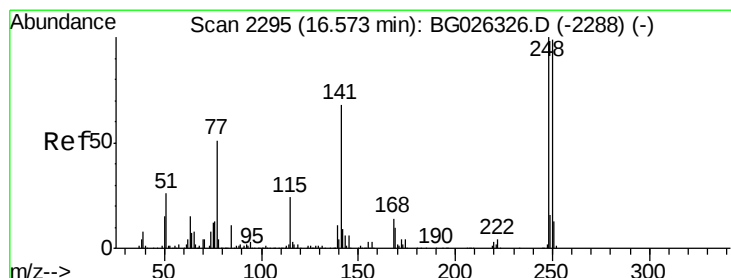
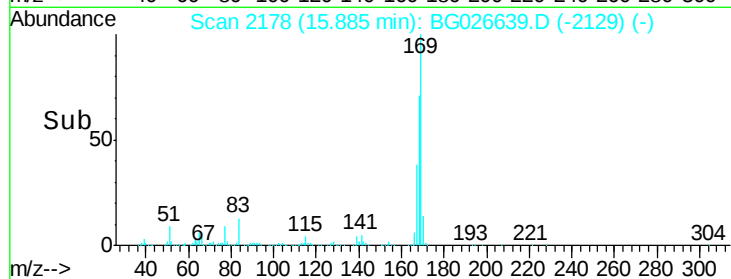
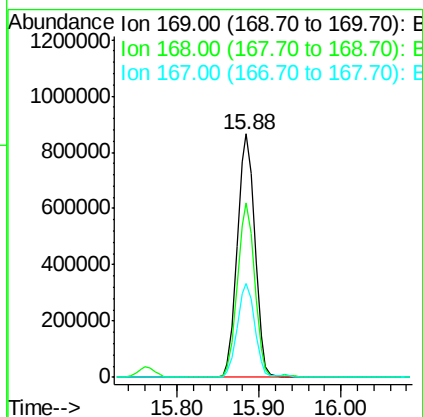
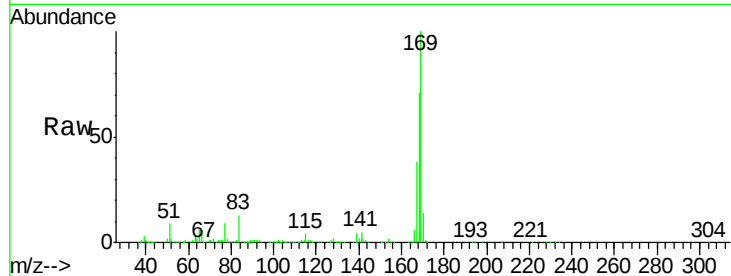




#65
 n-Nitrosodiphenylamine
 Concen: 44.31 ng
 RT: 15.88 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

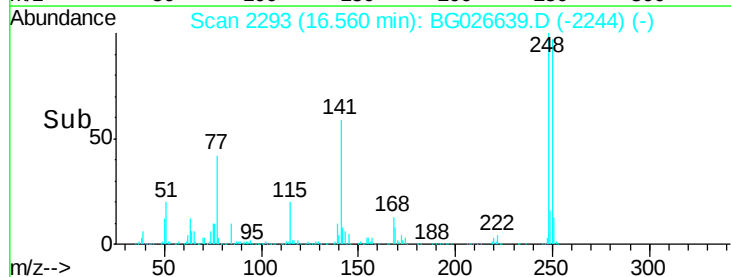
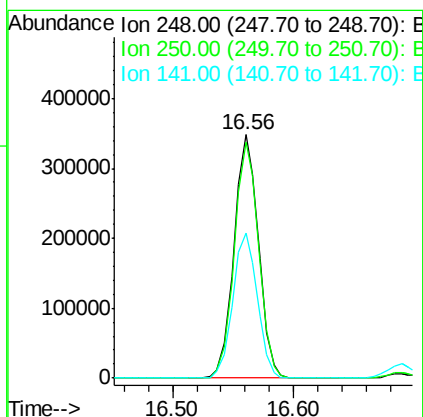
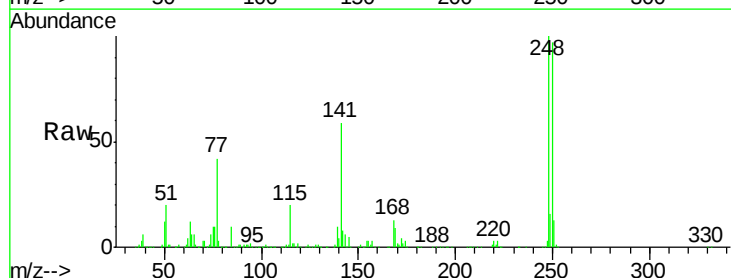
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

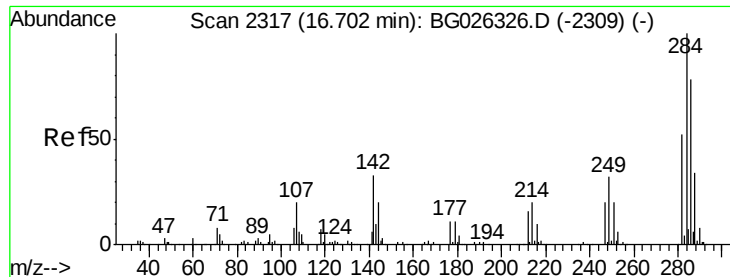
Tot Ion:169 Resp: 1294783
 Ion Ratio Lower Upper
 169 100
 168 71.5 55.7 83.5
 167 38.4 29.8 44.6



#66
 4-Bromophenyl-phenylether
 Concen: 47.66 ng
 RT: 16.56 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:248 Resp: 488521
 Ion Ratio Lower Upper
 248 100
 250 96.7 75.0 112.6
 141 59.3 55.2 82.8

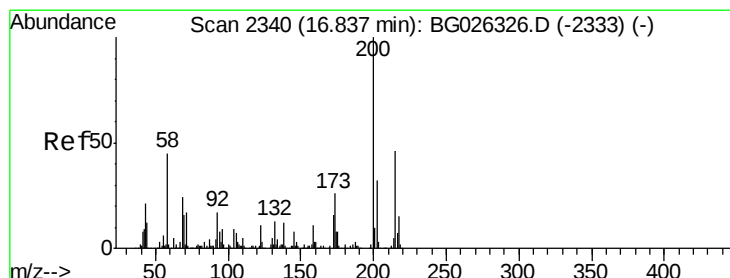
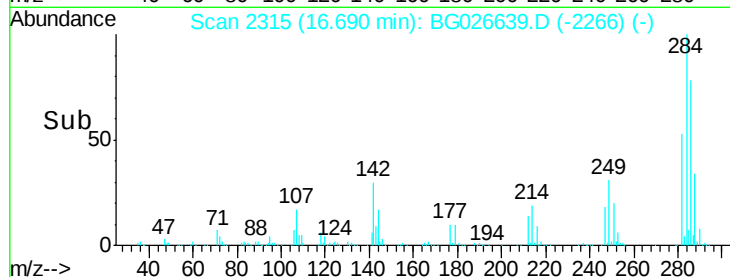
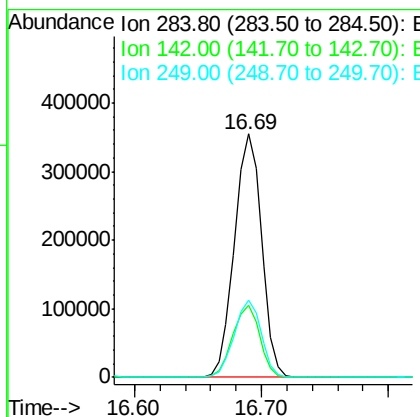
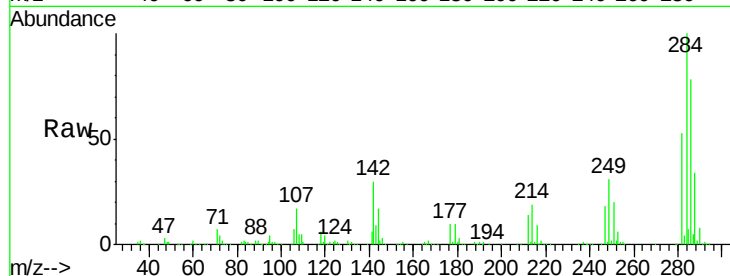




#67
Hexachlorobenzene
Concen: 48.03 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

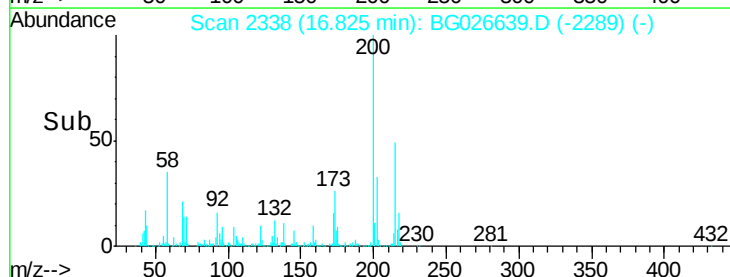
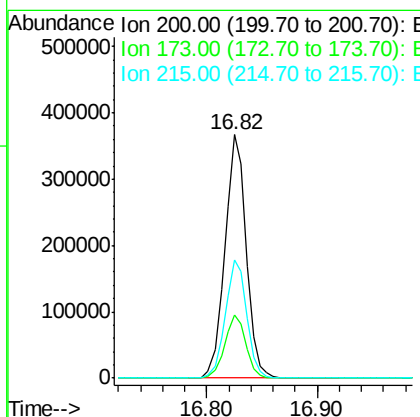
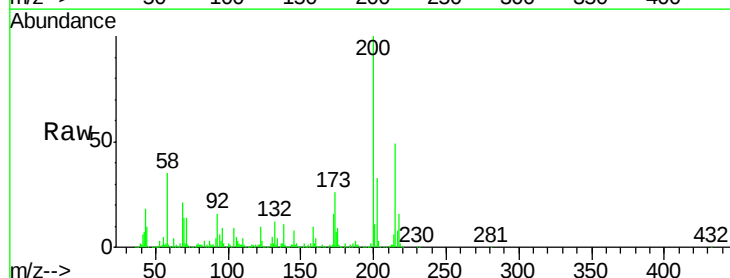
Instrument :
BNA_G
ClientSampleId :
PB98209BSD

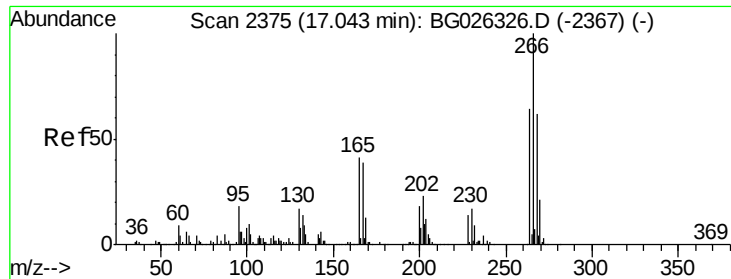
Tot Ion	Ratio	Lower	Upper
284	100		
142	29.5	29.9	44.9#
249	31.5	29.2	43.8



#68
Atrazine
Concen: 44.46 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.01 min
Lab File: BG026639.D
Acq: 12 Apr 2017 17:14

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.8	3.0	43.0
215	48.5	28.4	68.4

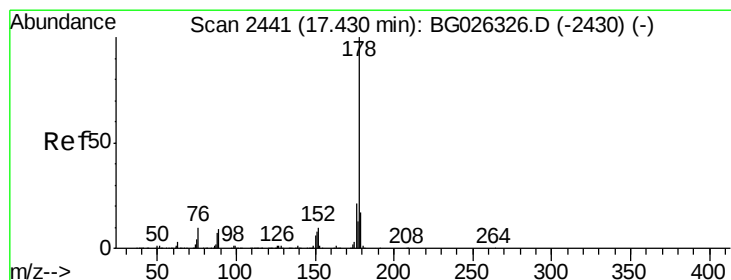
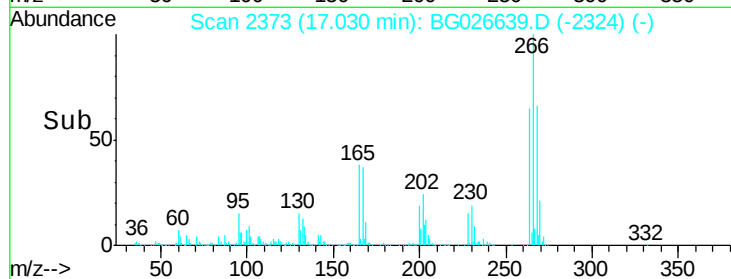
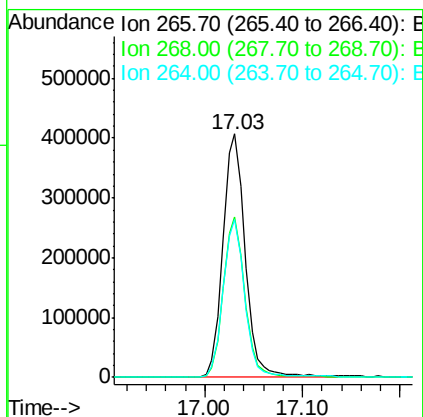
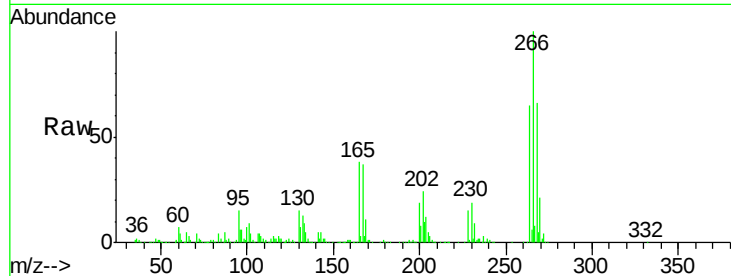




#69
 Pentachlorophenol
 Concen: 91.19 ng
 RT: 17.03 min Scan# 2373
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

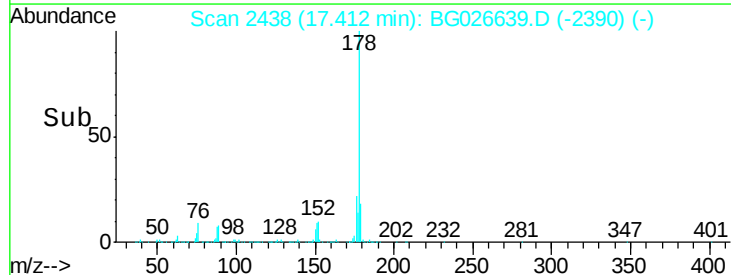
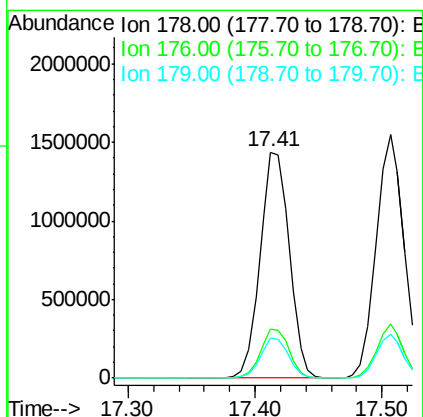
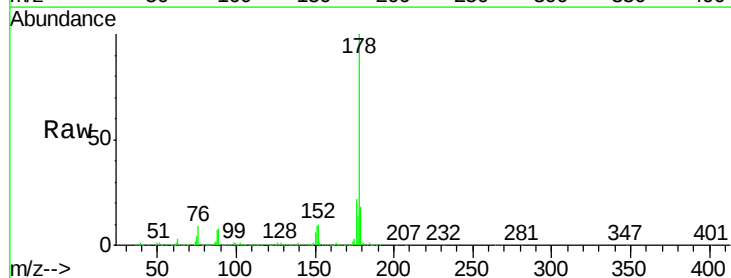
Instrument :
 BNA_G
 ClientSampleID :
 PB98209BSD

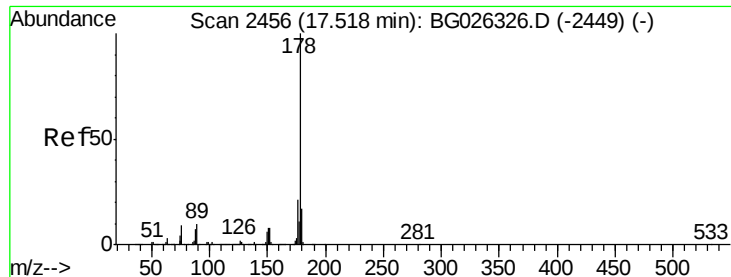
Tot Ion:266 Resp: 648188
 Ion Ratio Lower Upper
 266 100
 268 65.8 48.6 72.8
 264 64.9 50.1 75.1



#70
 Phenanthrene
 Concen: 43.15 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:178 Resp: 2307518
 Ion Ratio Lower Upper
 178 100
 176 21.9 17.7 26.5
 179 18.0 15.0 22.6

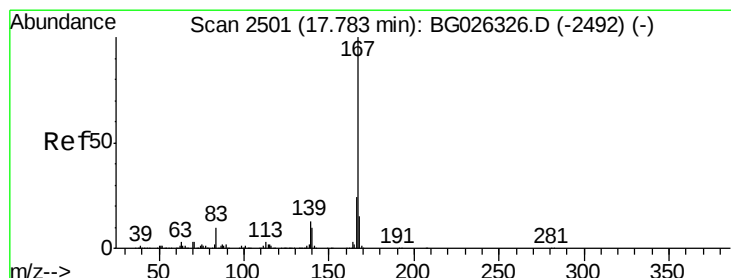
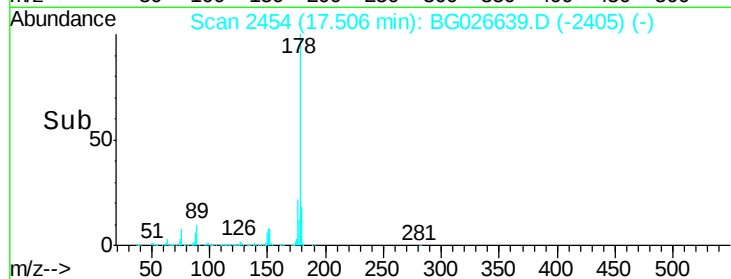
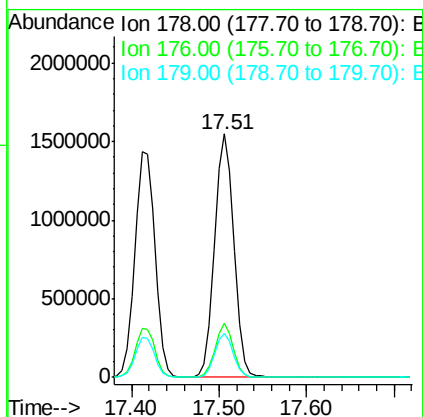
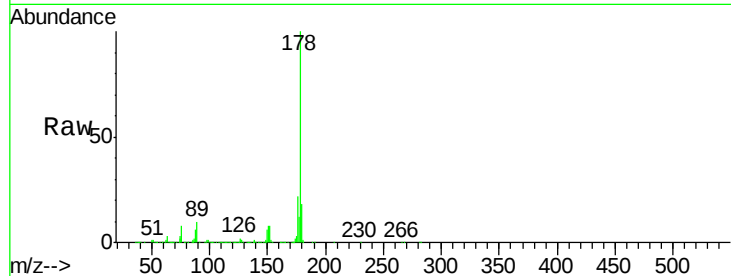




#71
 Anthracene
 Concen: 43.50 ng
 RT: 17.51 min Scan# 2454
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

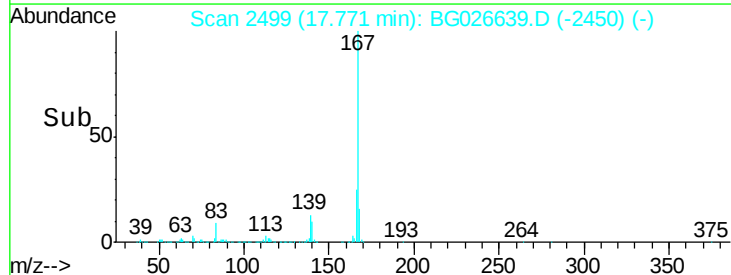
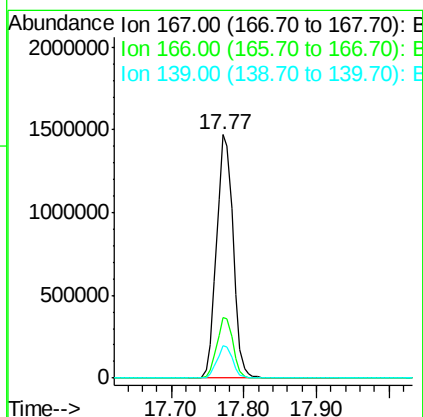
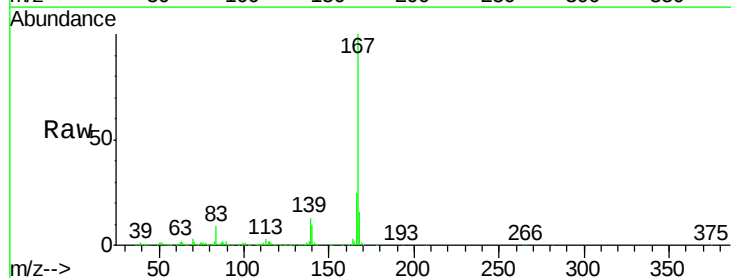
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

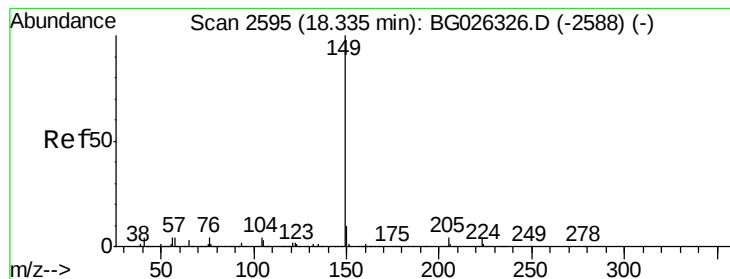
Tot Ion:178 Resp: 2373051
 Ion Ratio Lower Upper
 178 100
 176 22.2 16.4 24.6
 179 18.3 13.8 20.8



#72
 Carbazole
 Concen: 41.78 ng
 RT: 17.77 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:167 Resp: 2346960
 Ion Ratio Lower Upper
 167 100
 166 25.1 20.2 30.2
 139 13.1 12.8 19.2





#73

Di-n-butylphthalate

Concen: 44.87 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

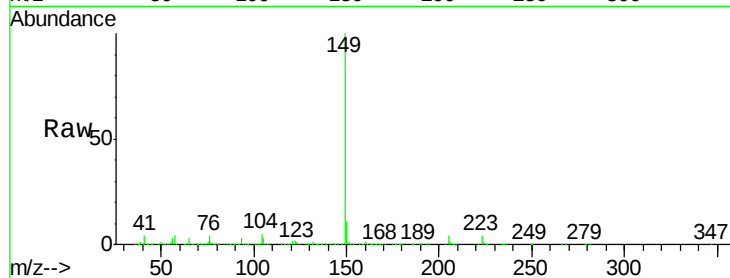
Tot Ion:149 Resp: 2589449

Ion Ratio Lower Upper

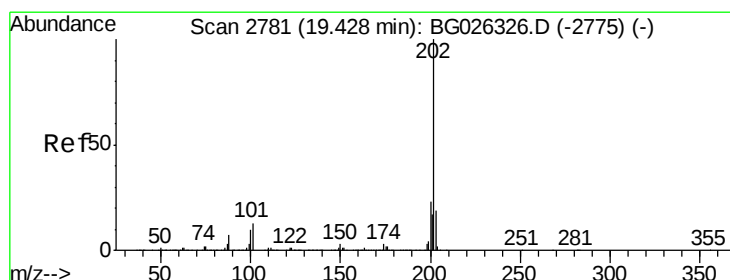
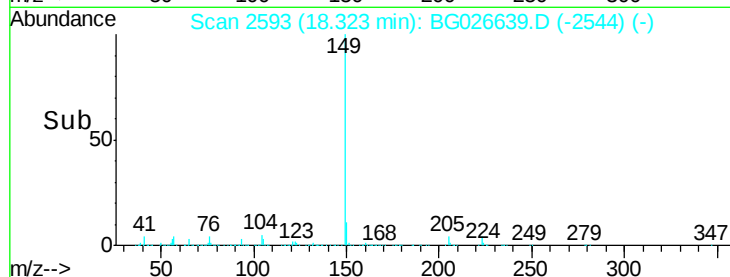
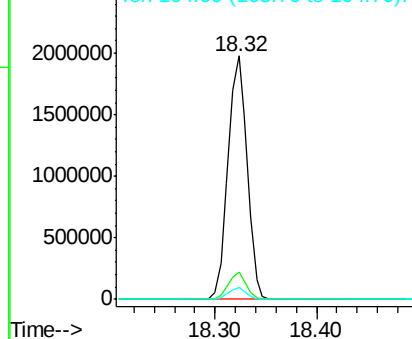
149 100

150 11.3 9.1 13.7

104 4.7 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.72 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

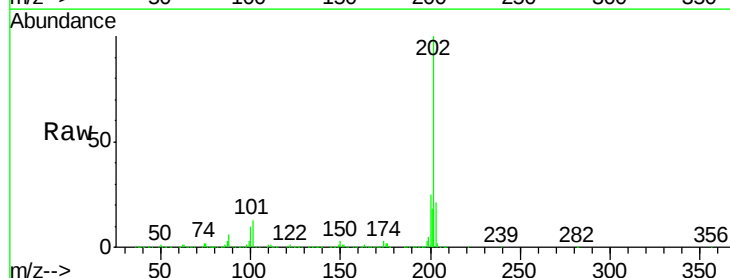
Tgt Ion:202 Resp: 2812202

Ion Ratio Lower Upper

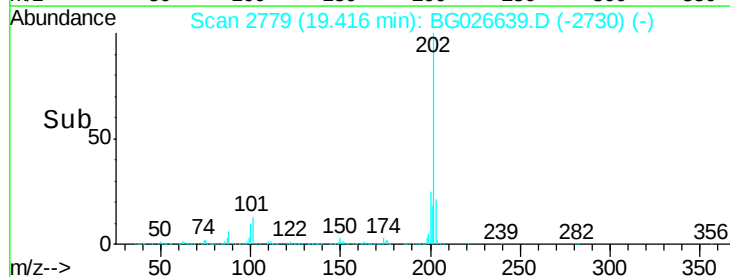
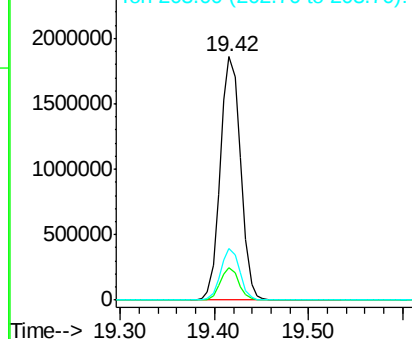
202 100

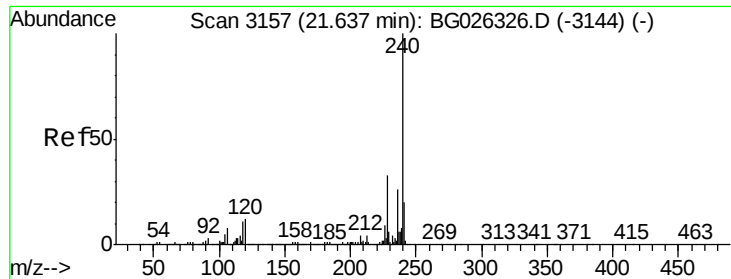
101 13.1 0.0 30.1

203 21.1 1.3 41.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

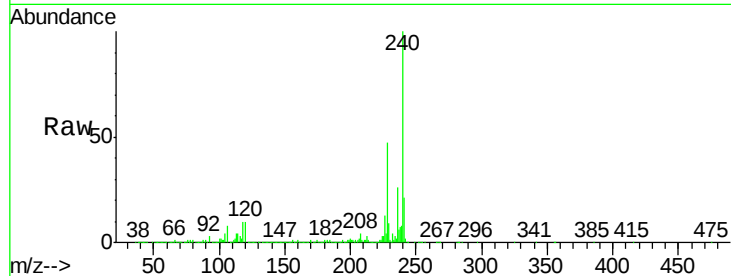
Tot Ion:240 Resp: 1211240

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

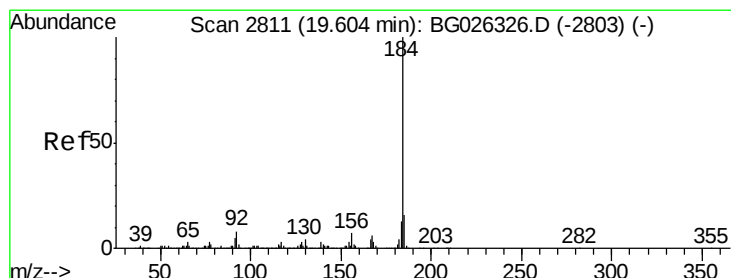
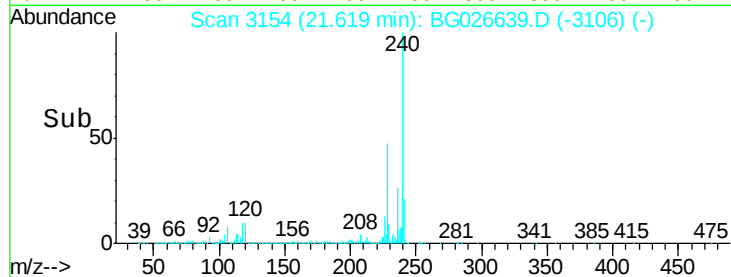
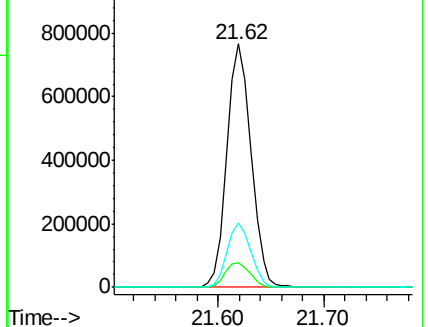
236 26.4 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 11.53 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

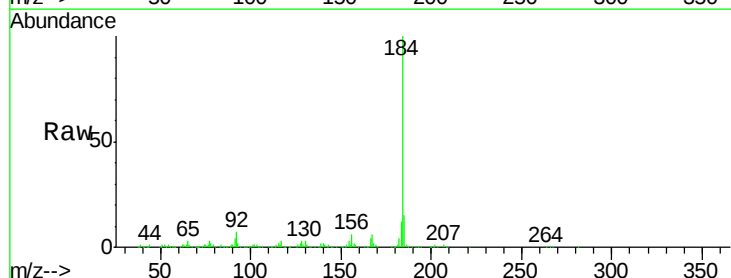
Tgt Ion:184 Resp: 481529

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

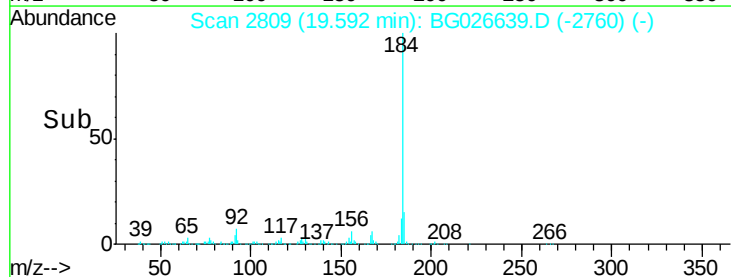
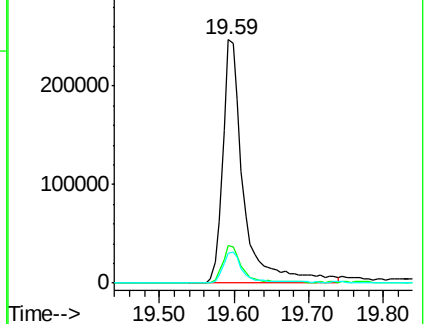
183 12.2 11.0 16.6

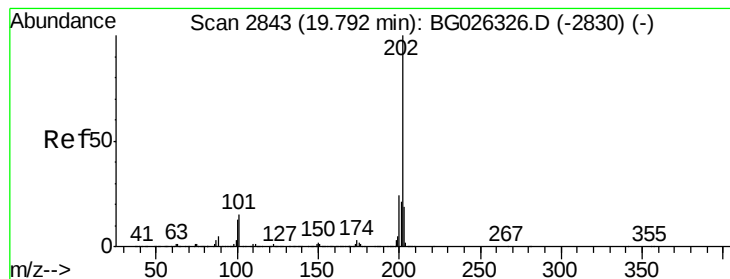


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.06 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

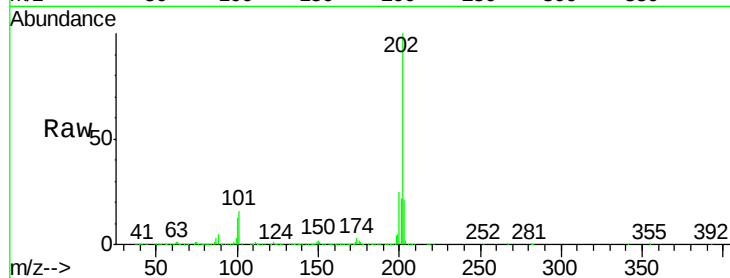
Tot Ion:202 Resp: 2879830

Ion	Ratio	Lower	Upper
202	100		
200	25.3	19.6	29.4
203	21.0	15.8	23.8

202 100

200 25.3 19.6 29.4

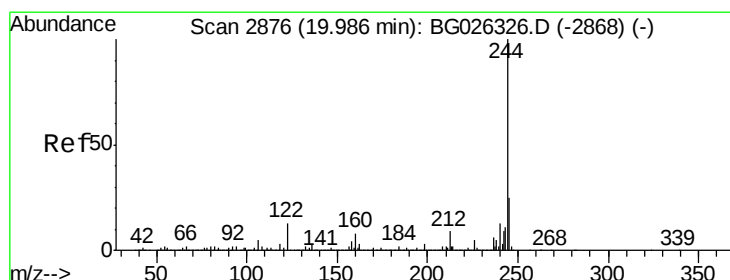
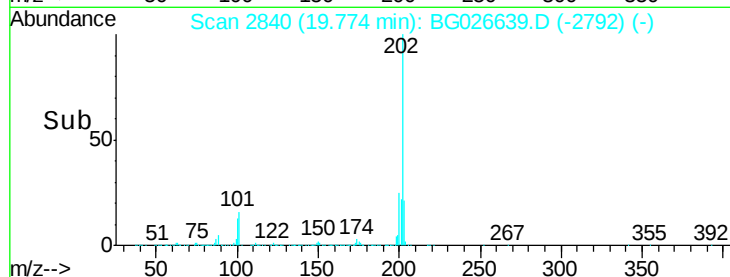
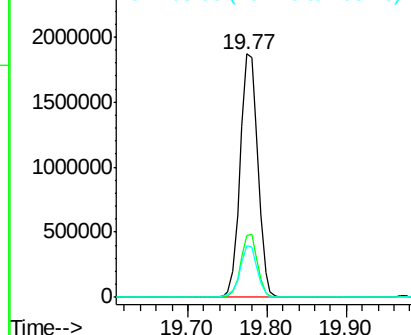
203 21.0 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.74 ng

RT: 19.97 min Scan# 2873

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

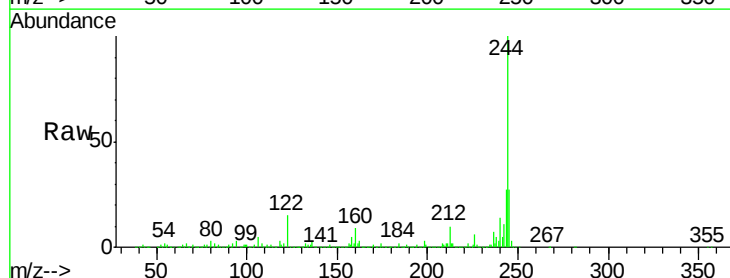
Tgt Ion:244 Resp: 3527930

Ion	Ratio	Lower	Upper
244	100		
212	9.5	10.0	15.0#
122	15.1	8.6	12.8#

244 100

212 9.5 10.0 15.0#

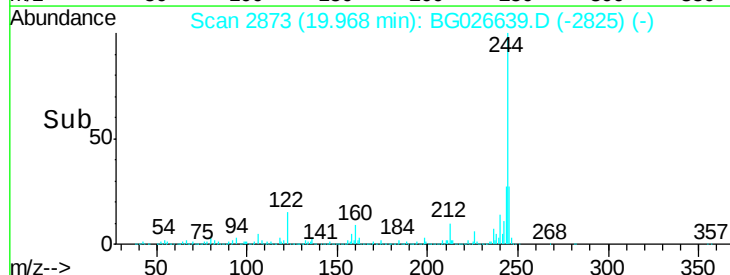
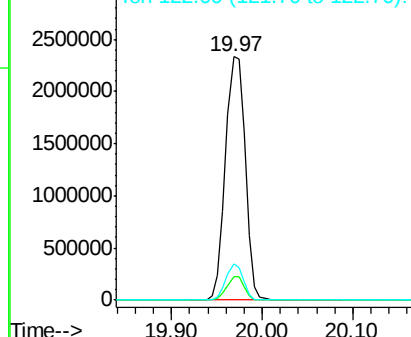
122 15.1 8.6 12.8#

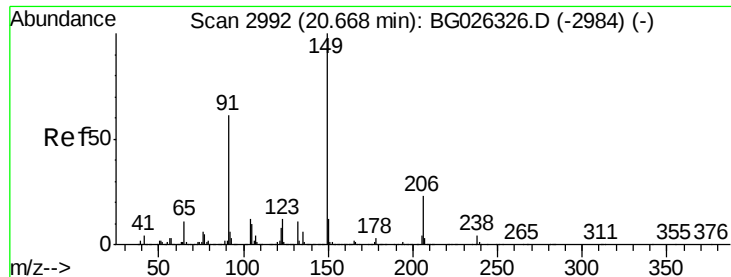


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 45.27 ng

RT: 20.65 min Scan# 2989

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampled :

PB98209BSD

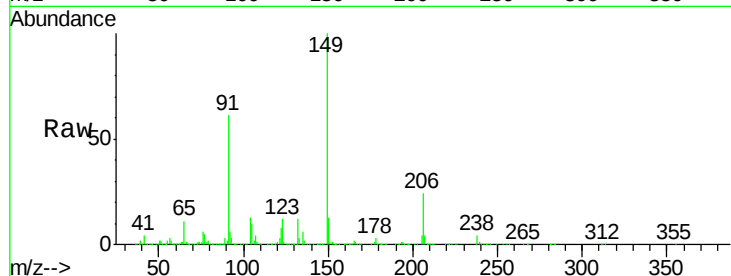
Tot Ion:149 Resp: 1270292

Ion Ratio Lower Upper

149 100

91 61.3 63.5 95.3#

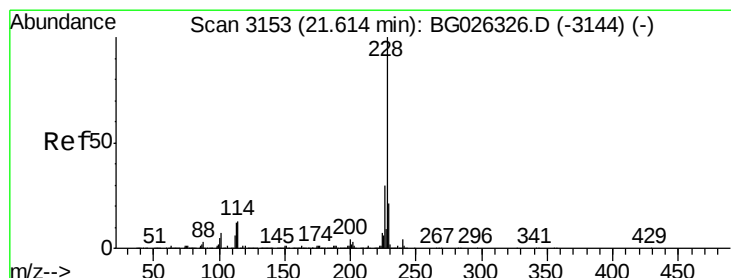
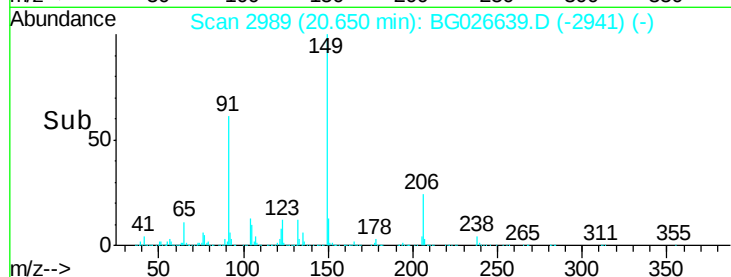
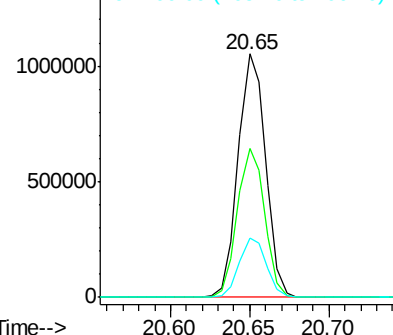
206 24.4 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.59 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

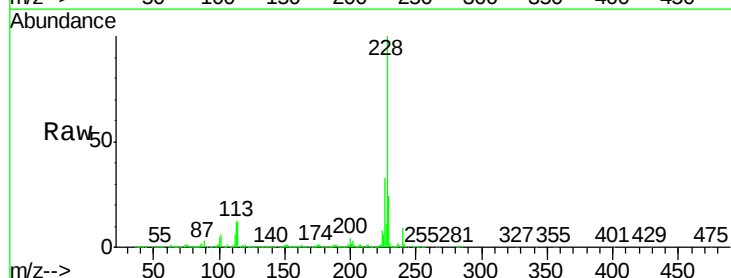
Tgt Ion:228 Resp: 2902772

Ion Ratio Lower Upper

228 100

226 32.5 24.9 37.3

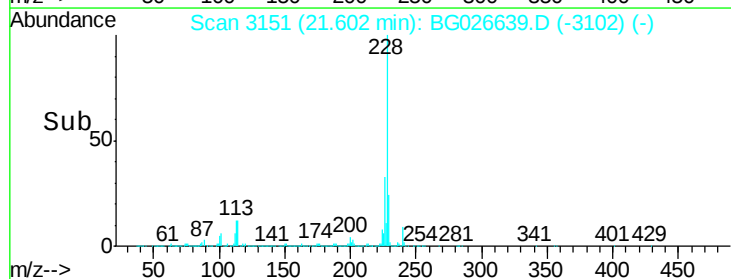
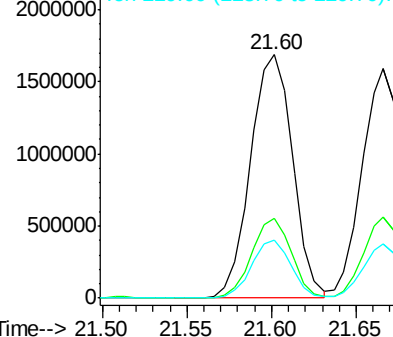
229 23.9 18.2 27.2

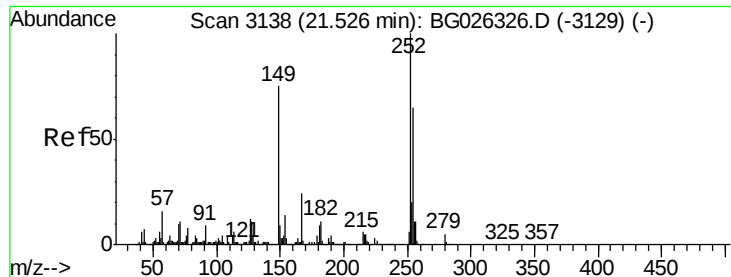


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

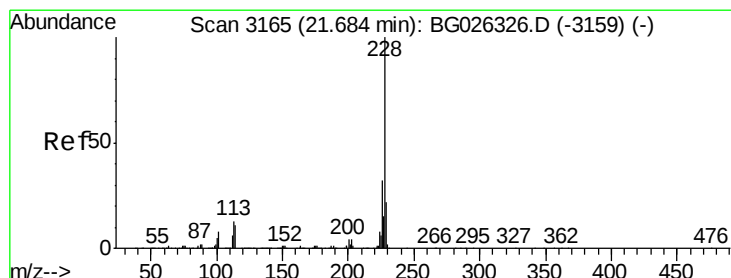
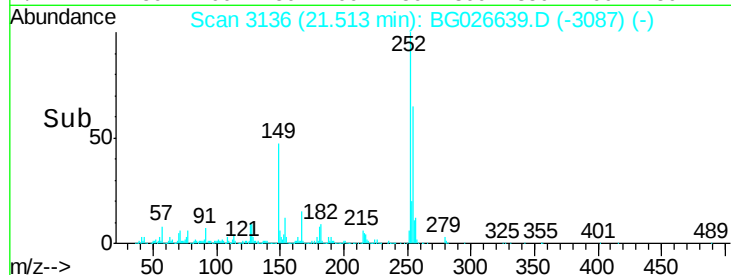
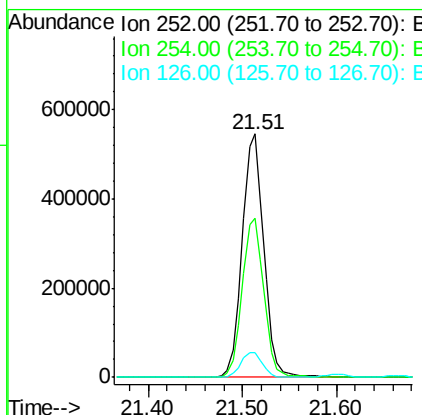
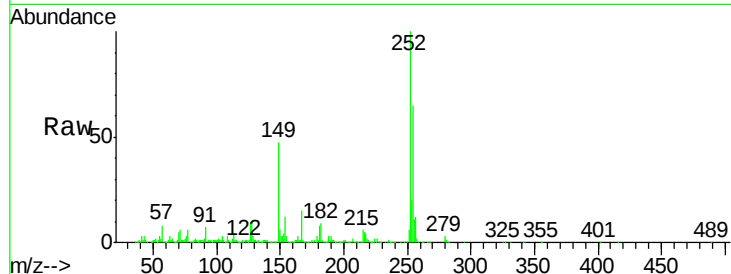




#81
 3,3'-Dichlorobenzidine
 Concen: 31.10 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

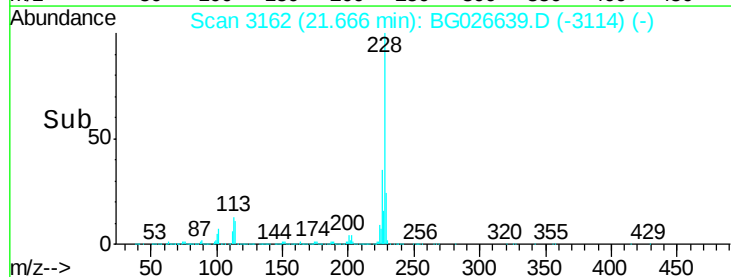
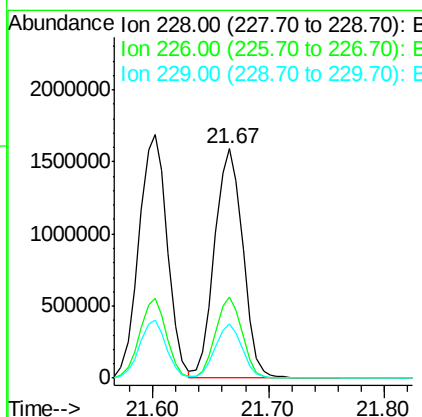
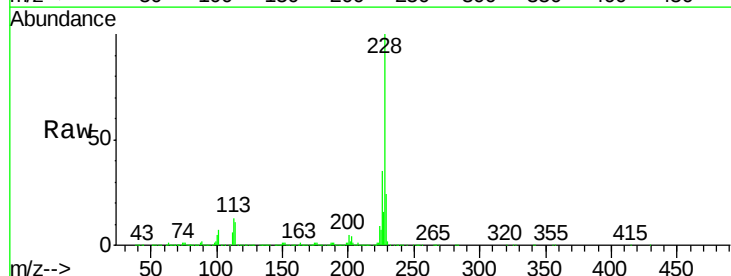
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

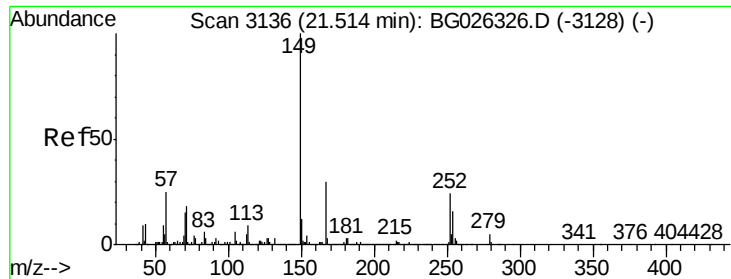
Tot Ion:252 Resp: 867701
 Ion Ratio Lower Upper
 252 100
 254 65.1 53.1 79.7
 126 10.1 7.0 10.4



#82
 Chrysene
 Concen: 41.26 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:228 Resp: 2687197
 Ion Ratio Lower Upper
 228 100
 226 35.2 27.0 40.4
 229 23.5 17.8 26.6

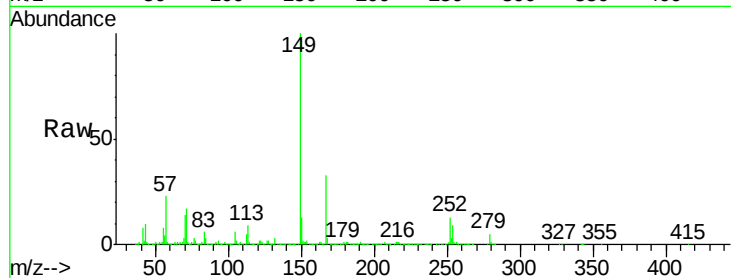




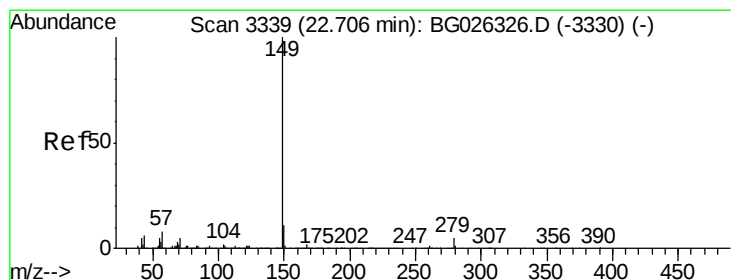
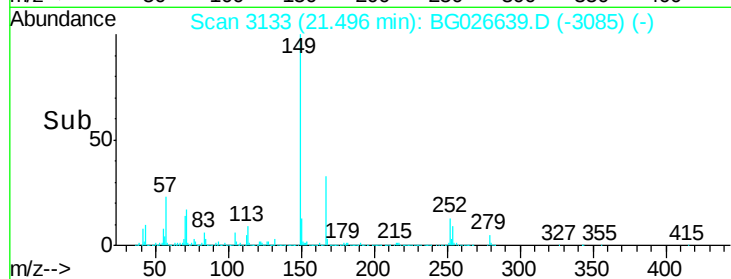
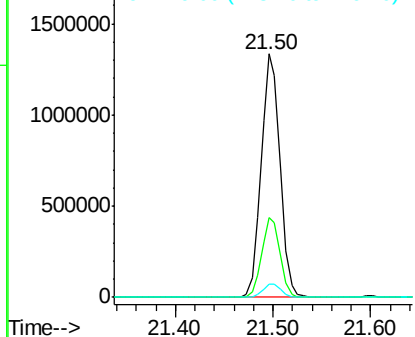
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.83 ng
 RT: 21.50 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

Tot Ion:149 Resp: 1815243
 Ion Ratio Lower Upper
 149 100
 167 32.6 23.7 35.5
 279 5.5 4.6 6.8

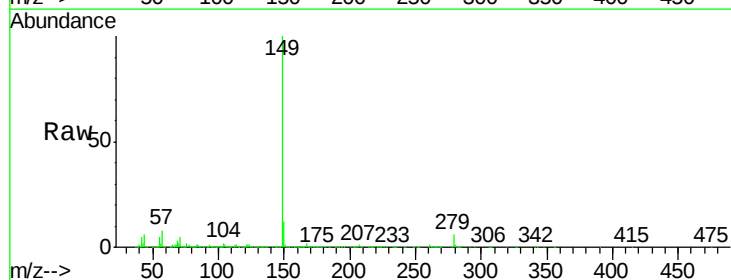


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

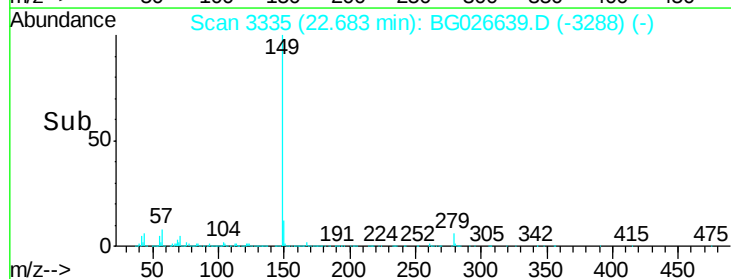
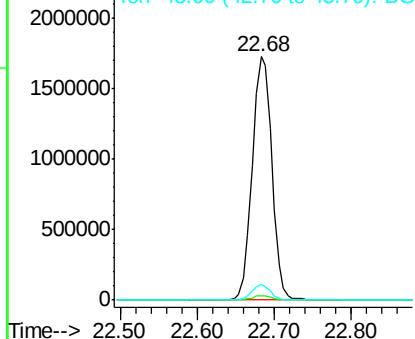


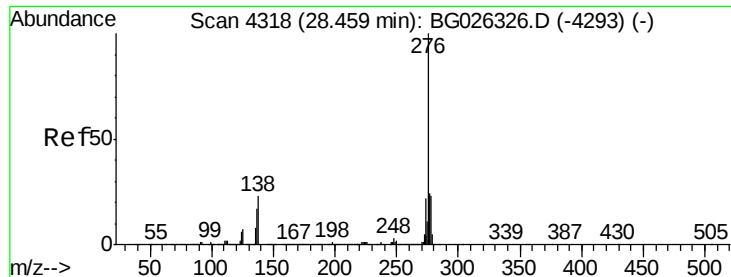
#84
 Di-n-octyl phthalate
 Concen: 42.81 ng
 RT: 22.68 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:149 Resp: 3096565
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.2
 43 5.9 11.8 17.6#



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

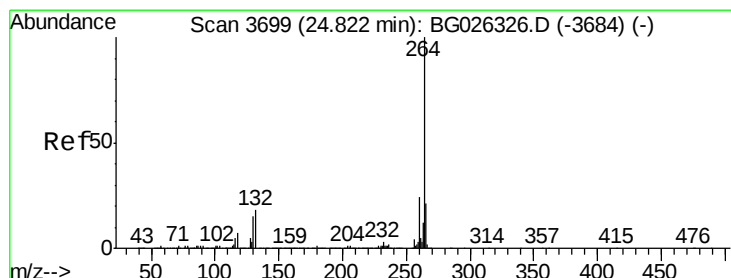
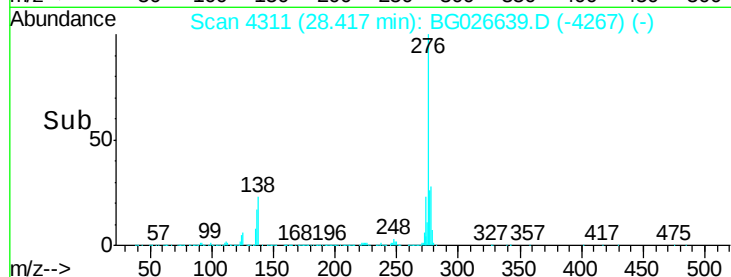
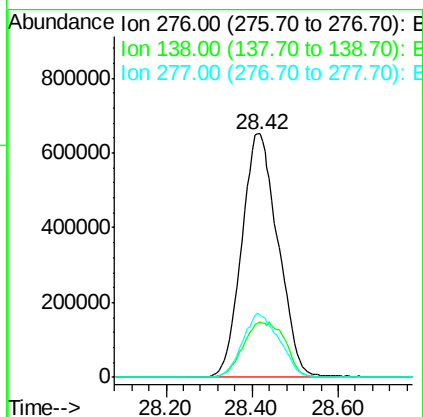
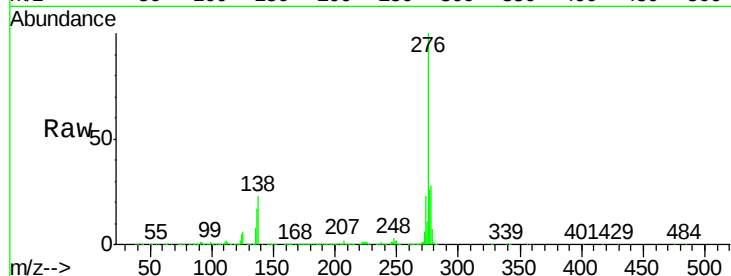




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.16 ng
 RT: 28.42 min Scan# 4311
 Delta R.T. -0.04 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

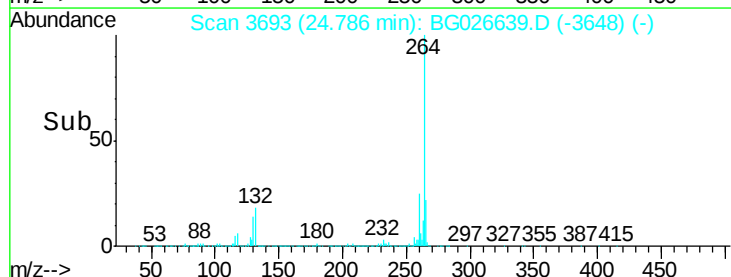
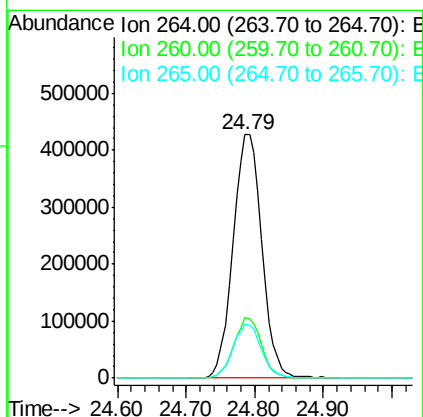
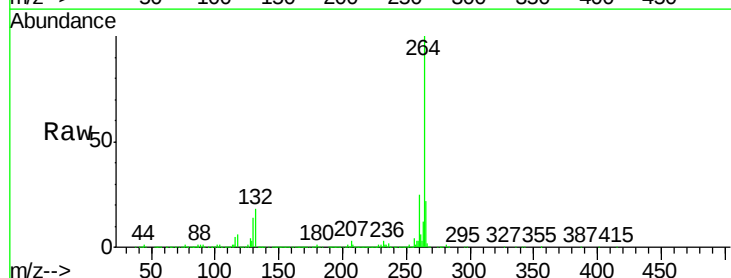
Instrument :
 BNA_G
 ClientSampleId :
 PB98209BSD

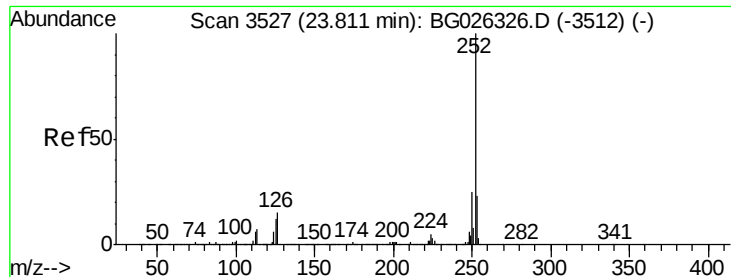
Tot Ion:276 Resp: 3872411
 Ion Ratio Lower Upper
 276 100
 138 26.1 4.7 7.1#
 277 26.6 20.6 31.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.79 min Scan# 3693
 Delta R.T. -0.04 min
 Lab File: BG026639.D
 Acq: 12 Apr 2017 17:14

Tgt Ion:264 Resp: 1243241
 Ion Ratio Lower Upper
 264 100
 260 24.7 21.8 32.8
 265 22.1 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 42.97 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

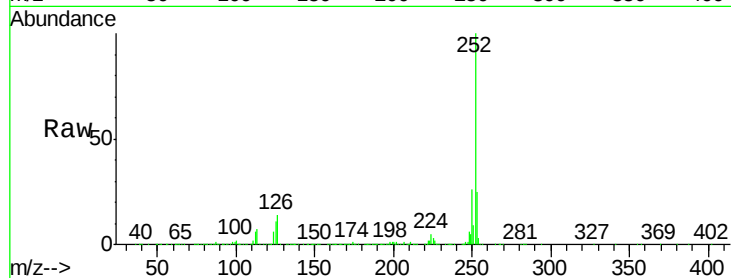
Tot Ion:252 Resp: 3148911

Ion Ratio Lower Upper

252 100

253 24.9 18.7 28.1

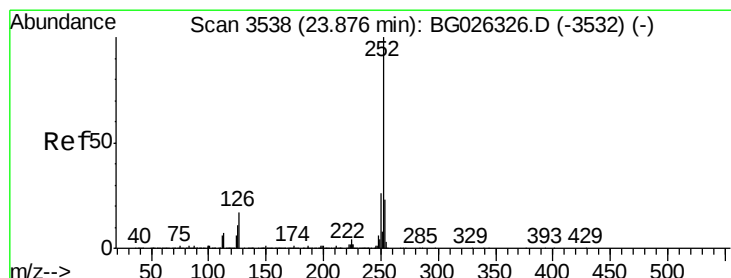
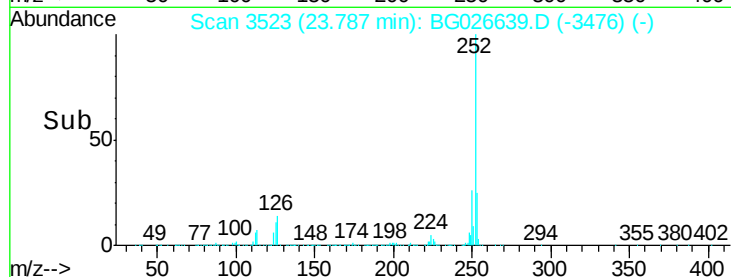
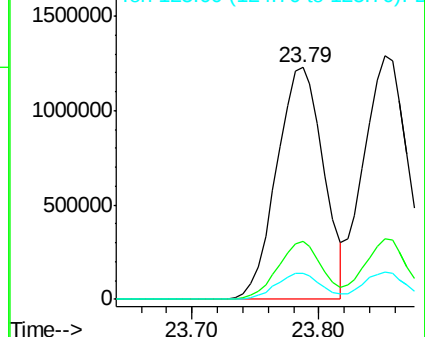
125 11.0 5.3 7.9#



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: 44.30 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

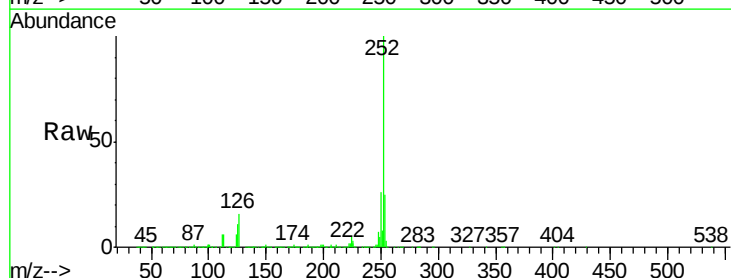
Tgt Ion:252 Resp: 3148340

Ion Ratio Lower Upper

252 100

253 25.1 20.2 30.2

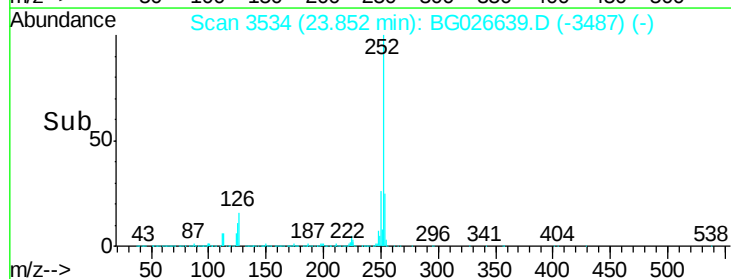
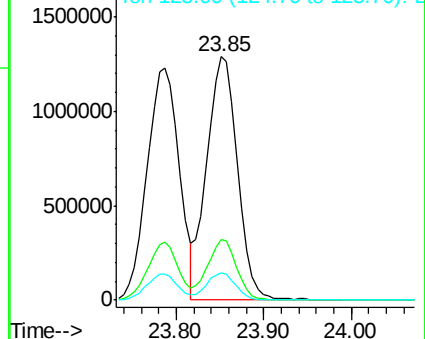
125 11.1 5.1 7.7#

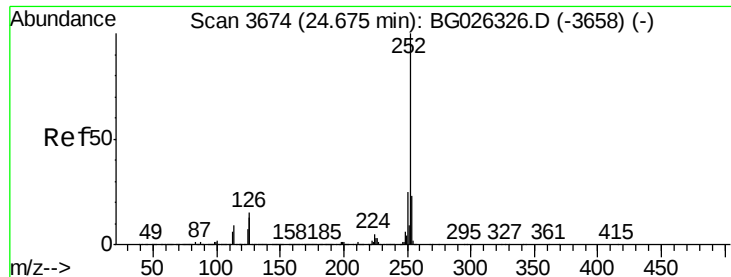


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.10 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

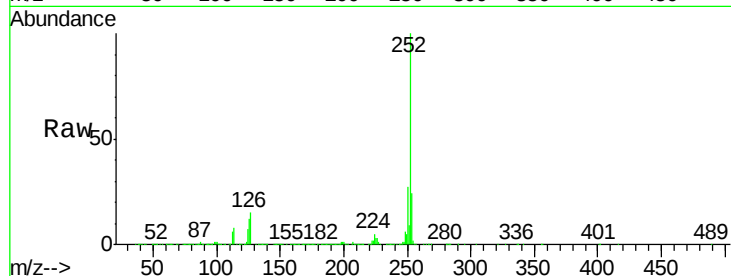
BNA_G

ClientSampleId :

PB98209BSD

Tot Ion:252 Resp: 3099912

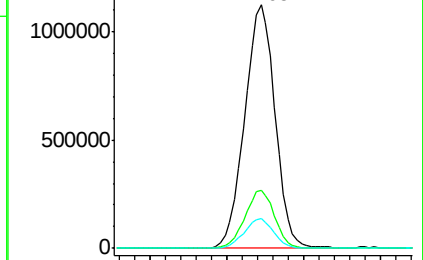
Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	12.0	5.4	8.0#



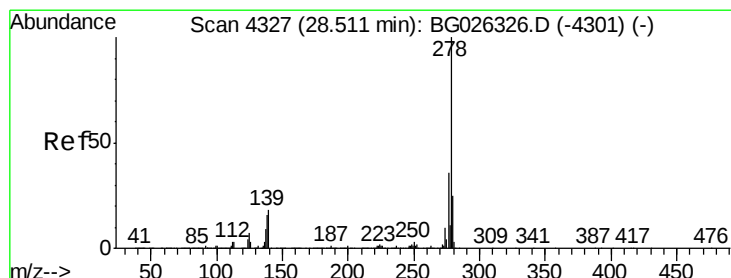
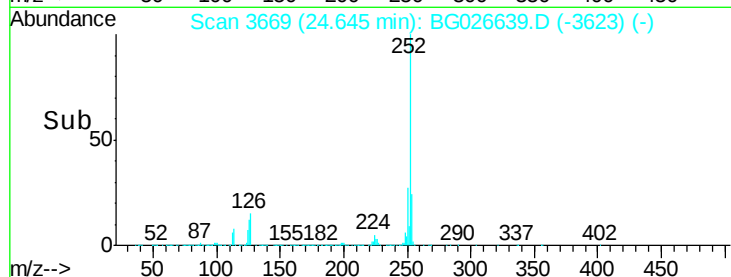
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 45.40 ng

RT: 28.46 min Scan# 4319

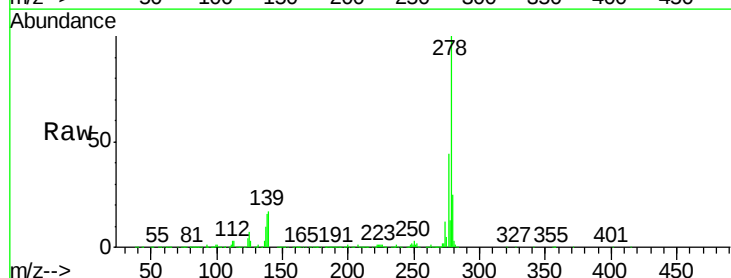
Delta R.T. -0.05 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Tgt Ion:278 Resp: 3225163

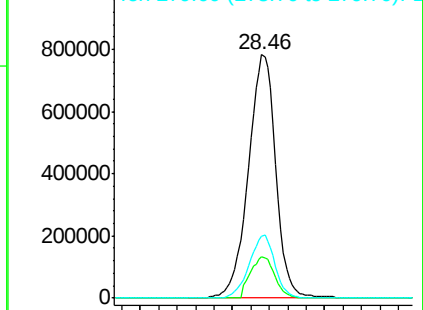
Ion	Ratio	Lower	Upper
278	100		
139	17.0	7.7	11.5#
279	25.3	19.1	28.7



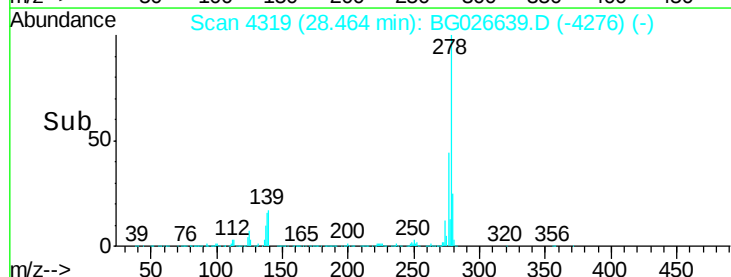
Abundance Ion 278.00 (277.70 to 278.70): E

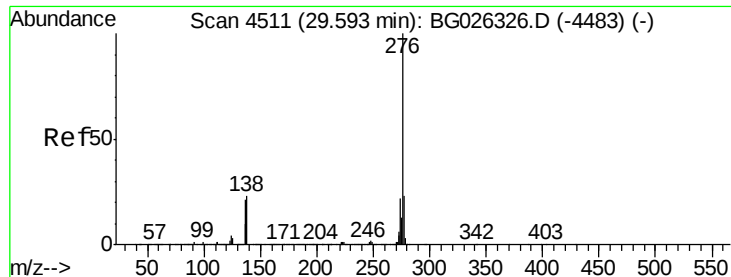
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#91

Benzo(a,h,i)perylene

Concen: 44.93 ng

RT: 29.54 min Scan# 4502

Delta R.T. -0.05 min

Lab File: BG026639.D

Acq: 12 Apr 2017 17:14

Instrument :

BNA_G

ClientSampleId :

PB98209BSD

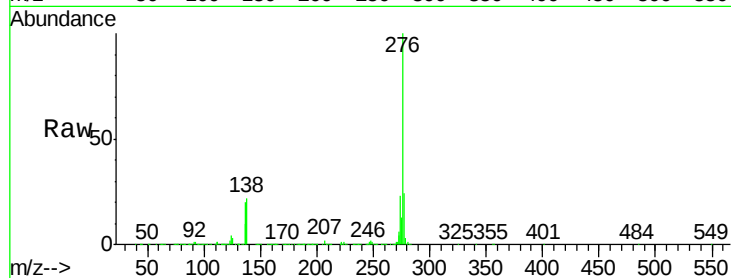
Tot Ion:276 Resp: 3215752

Ion Ratio Lower Upper

276 100

277 24.2 18.6 27.8

138 22.1 8.1 12.1#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

