

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040617\
 Data File : BG026589.D
 Acq On : 7 Apr 2017 6:33
 Operator : SJ/MA
 Sample : I2569-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

Quant Time: Apr 07 07:08:55 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	177974	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	731956	20.00	ng	-0.01
38) Acenaphthene-d10	14.65	164	444351	20.00	ng	-0.01
63) Phenanthrene-d10	17.38	188	1051732	20.00	ng	0.00
75) Chrysene-d12	21.63	240	1201115	20.00	ng	0.00
86) Perylene-d12	24.81	264	1036785	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	899769	89.73	ng	0.00
7) Phenol-d6	7.21	99	1146324	85.15	ng	0.00
23) Nitrobenzene-d5	9.20	82	644258	52.92	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	553812	108.83	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1822668	57.52	ng	0.00
78) Terphenyl-d14	19.98	244	2729795	55.19	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	111644	24.81	ng	# 73
3) Pyridine	3.92	79	345052	27.99	ng	# 60
4) n-Nitrosodimethylamine	3.82	42	88205	26.18	ng	# 1
6) Aniline	7.38	93	143640	7.99	ng	# 85
8) 2-Chlorophenol	7.61	128	360557	31.93	ng	# 80
9) Benzaldehyde	7.18	77	119893	13.19	ng	# 59
10) Phenol	7.23	94	403771	28.11	ng	# 70
11) bis(2-Chloroethyl)ether	7.46	93	336377	28.55	ng	# 79
12) 1,3-Dichlorobenzene	7.93	146	388509	28.90	ng	# 87
13) 1,4-Dichlorobenzene	8.08	146	391342	28.78	ng	# 93
14) 1,2-Dichlorobenzene	8.39	146	375454	28.85	ng	# 89
15) Benzyl Alcohol	8.28	79	203707	23.08	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.57	45	301797	23.07	ng	# 79
17) 2-Methylphenol	8.48	107	302738	29.67	ng	# 81
18) Hexachloroethane	9.12	117	123677	27.82	ng	# 93
19) n-Nitroso-di-n-propylamine	8.84	70	229677	26.54	ng	# 71
20) 3+4-Methylphenols	8.81	107	417193	29.70	ng	# 81
22) Acetophenone	8.86	105	503975	29.94	ng	# 73
24) Nitrobenzene	9.24	77	336232	27.97	ng	# 71
25) Isophorone	9.76	82	654057	28.51	ng	# 89
26) 2-Nitrophenol	9.95	139	204499	32.70	ng	# 60
27) 2,4-Dimethylphenol	10.01	122	344862	33.59	ng	# 84
28) bis(2-Chloroethoxy)methane	10.24	93	438051	29.39	ng	# 98
29) 2,4-Dichlorophenol	10.50	162	374530	36.07	ng	# 92
30) 1,2,4-Trichlorobenzene	10.70	180	375194	32.17	ng	# 98
31) Naphthalene	10.89	128	1088063	29.40	ng	# 100
32) Benzoic acid	10.14	122	189006	23.93	ng	# 67
34) Hexachlorobutadiene	11.18	225	217338	31.59	ng	# 95
35) Caprolactam	11.75	113	117200	28.65	ng	# 47
36) 4-Chloro-3-methylphenol	12.12	107	361839	32.58	ng	# 74
37) 2-Methylnaphthalene	12.48	142	853814	31.50	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	409839	30.65	ng	# 96
40) Hexachlorocyclopentadiene	12.84	237	441336	62.71	ng	# 95
42) 2,4,6-Trichlorophenol	13.09	196	301068	34.39	ng	# 94

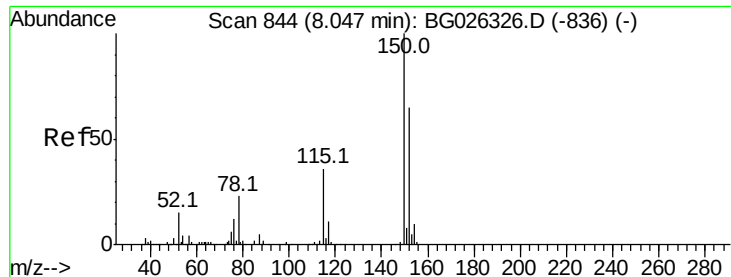
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	324415	33.53	nq	# 90
45) 1,1'-Biphenyl	13.48	154	1103970	30.00	nq	96
46) 2-Chloronaphthalene	13.53	162	834222	31.04	nq	94
47) 2-Nitroaniline	13.73	65	210365	27.52	nq	# 53
48) Acenaphthylene	14.37	152	1368424	29.21	nq	98
49) Dimethylphthalate	14.10	163	1093807	32.61	nq	99
50) 2,6-Dinitrotoluene	14.22	165	257709	32.92	nq	# 58
51) Acenaphthene	14.71	154	859562	29.79	nq	98
52) 3-Nitroaniline	14.56	138	64062	7.43	nq	# 63
53) 2,4-Dinitrophenol	14.76	184	312706	68.86	nq	# 74
54) Dibenzofuran	15.04	168	1357678	33.42	nq	# 88
55) 4-Nitrophenol	14.86	139	386376	54.74	nq	# 38
56) 2,4-Dinitrotoluene	15.00	165	364601	33.12	nq	# 67
57) Fluorene	15.69	166	1115487	30.86	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.27	232	309753	36.71	nq	# 93
59) Diethylphthalate	15.45	149	1088961	31.77	nq	99
60) 4-Chlorophenyl-phenylether	15.68	204	561934	32.80	nq	89
61) 4-Nitroaniline	15.70	138	206211	22.62	nq	# 50
62) Azobenzene	15.97	77	851054	30.53	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	230693	34.79	nq	85
65) n-Nitrosodiphenylamine	15.89	169	838426	27.16	nq	97
66) 4-Bromophenyl-phenylether	16.57	248	374362	34.58	nq	94
67) Hexachlorobenzene	16.70	284	395709	34.27	nq	91
68) Atrazine	16.84	200	128093	10.96	nq	98
69) Pentachlorophenol	17.04	266	506810	67.50	nq	97
70) Phenanthrene	17.42	178	1748596	30.96	nq	98
71) Anthracene	17.51	178	1803746	31.30	nq	99
72) Carbazole	17.78	167	1352687	22.80	nq	# 94
73) Di-n-butylphthalate	18.33	149	1883698	30.90	nq	# 94
74) Fluoranthene	19.42	202	2075743	31.25	nq	96
77) Pyrene	19.79	202	2109518	30.33	nq	99
79) Butylbenzylphthalate	20.66	149	878432	31.57	nq	# 81
80) Benzo(a)anthracene	21.61	228	2078076	30.74	nq	100
82) Chrysene	21.68	228	1906842	29.53	nq	98
83) Bis(2-ethylhexyl)phthalate	21.51	149	1254151	29.84	nq	98
84) Di-n-octyl phthalate	22.69	149	2094327	29.20	nq	# 80
85) Indeno(1,2,3-cd)pyrene	28.43	276	2301474	28.86	nq	# 89
87) Benzo(b)fluoranthene	23.80	252	2132800	34.90	nq	# 97
88) Benzo(k)fluoranthene	23.87	252	2072368	34.96	nq	# 94
89) Benzo(a)pyrene	24.66	252	1972370	33.65	nq	# 94
90) Dibenzo(a,h)anthracene	28.49	278	1962398	33.12	nq	# 93
91) Benzo(g,h,i)perylene	29.57	276	1826251	30.59	nq	# 90

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

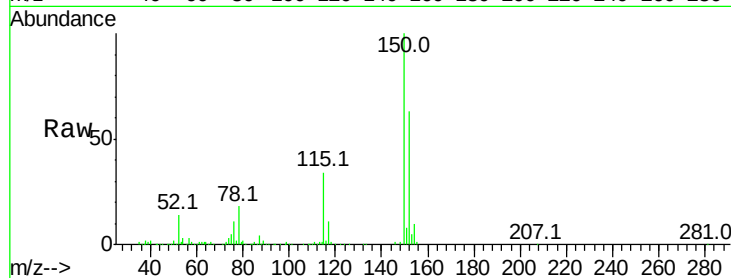
Tot Ion:152 Resp: 177974

Ion Ratio Lower Upper

152 100

150 158.2 114.0 171.0

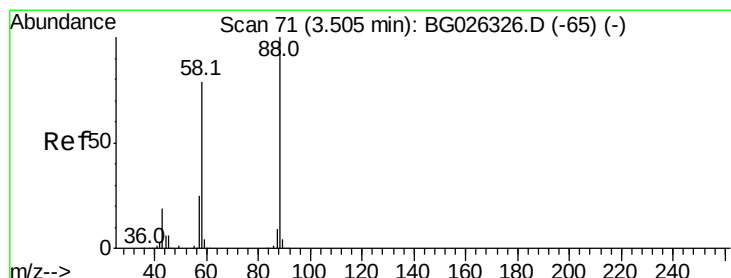
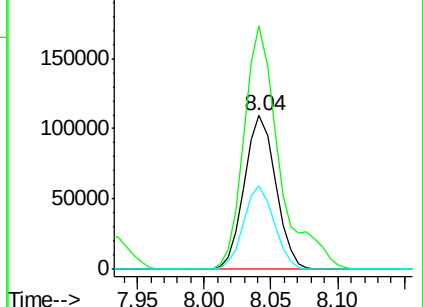
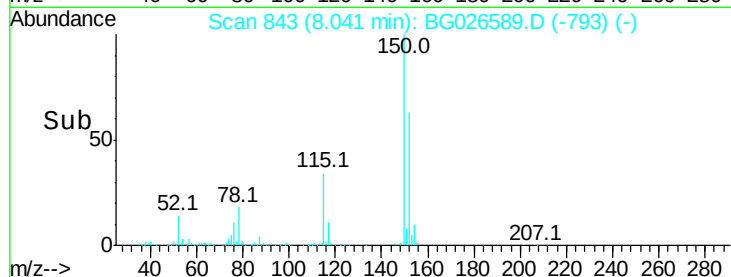
115 54.2 48.1 72.1



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



#2

1,4-Dioxane

Concen: 24.81 ng

RT: 3.51 min Scan# 72

Delta R.T. 0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

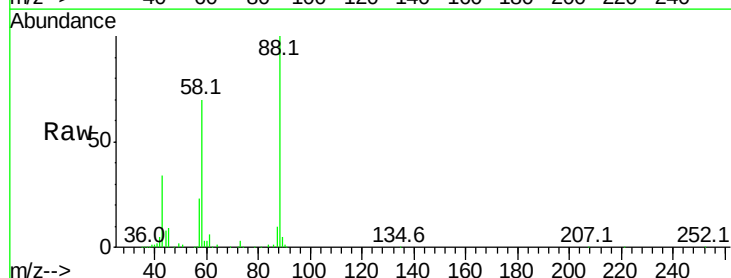
Tgt Ion: 88 Resp: 111644

Ion Ratio Lower Upper

88 100

58 69.1 79.4 119.2#

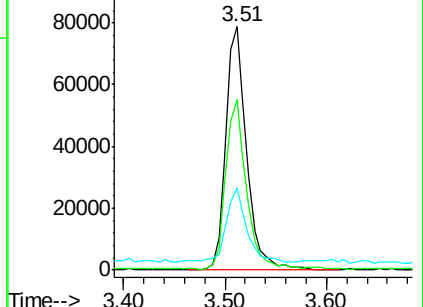
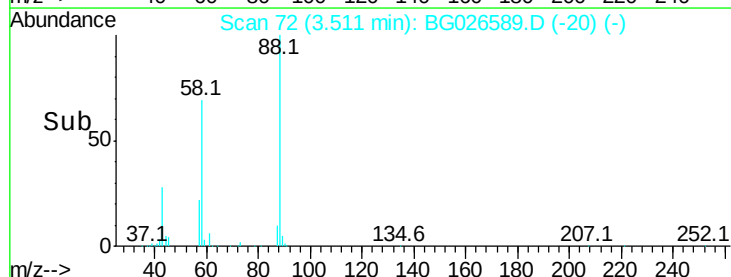
43 30.7 33.8 50.6#

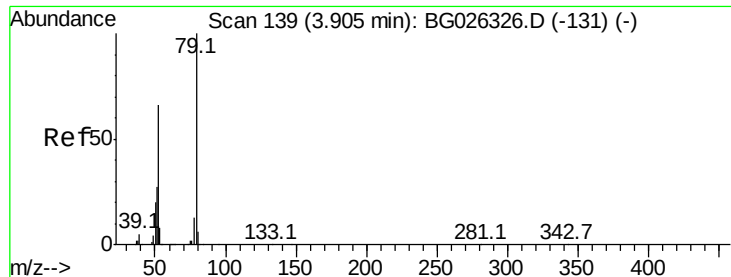


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 27.99 ng

RT: 3.92 min Scan# 142

Delta R.T. 0.02 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

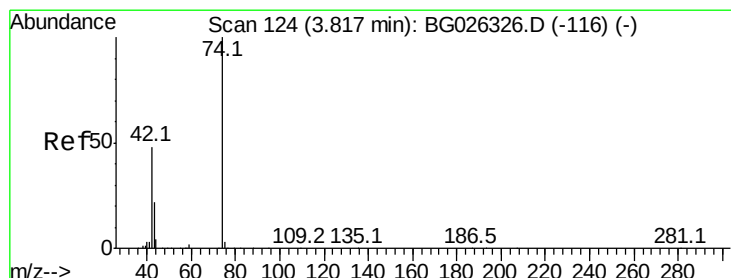
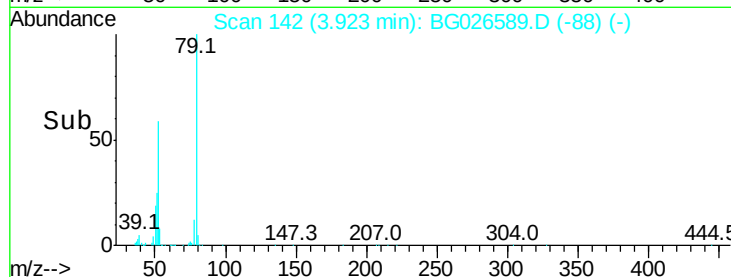
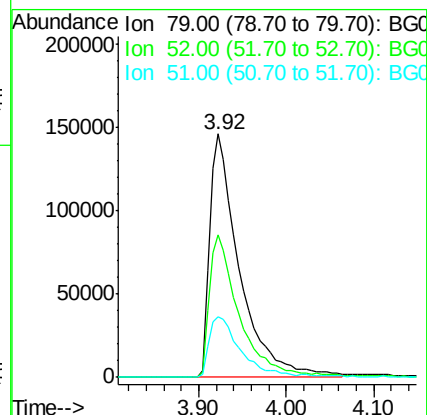
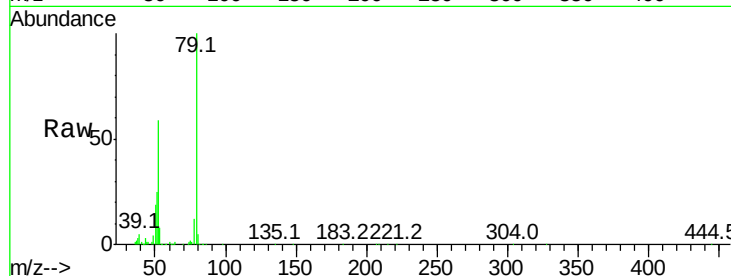
Tot Ion: 79 Resp: 345052

Ion Ratio Lower Upper

79 100

52 58.6 77.8 116.6#

51 24.9 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 26.18 ng

RT: 3.82 min Scan# 124

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

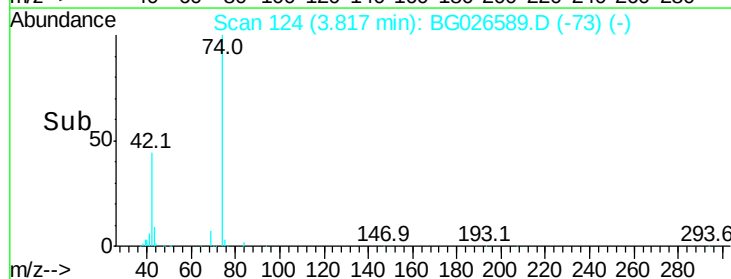
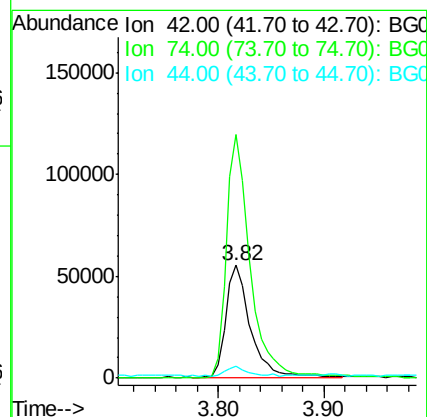
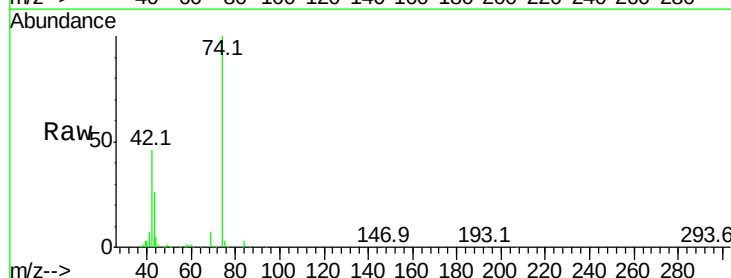
Tgt Ion: 42 Resp: 88205

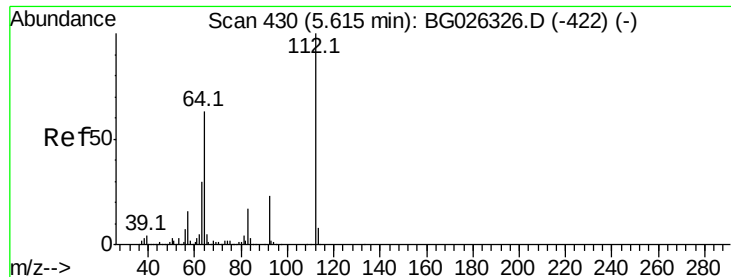
Ion Ratio Lower Upper

42 100

74 215.6 76.7 115.1#

44 11.1 6.1 9.1#





#5

2-Fluorophenol

Concen: 89.73 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

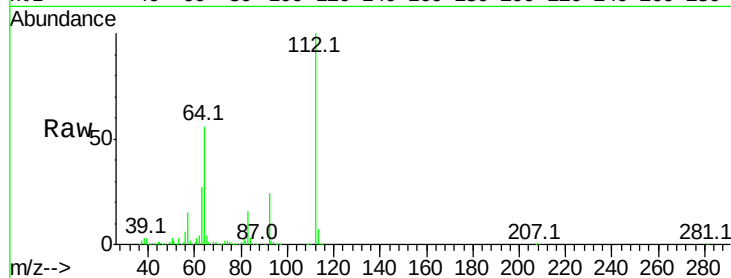
Tot Ion:112 Resp: 899769

Ion Ratio Lower Upper

112 100

64 55.5 61.8 92.6#

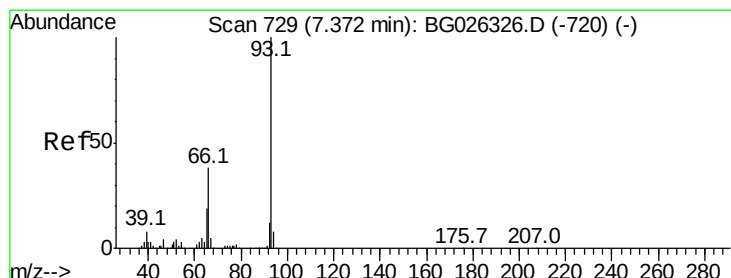
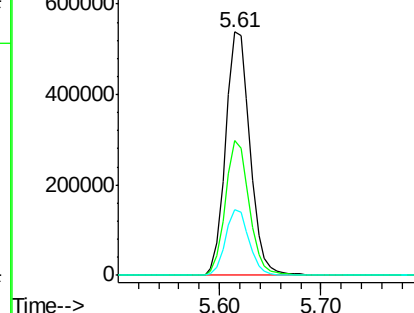
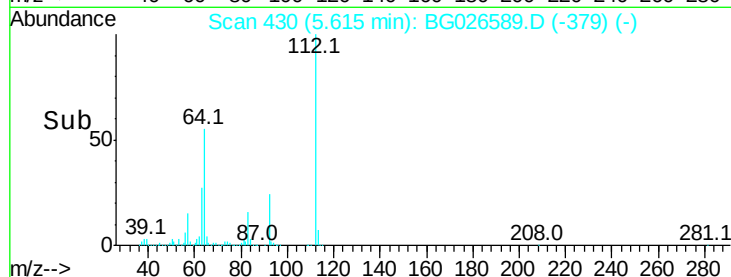
63 27.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 7.99 ng

RT: 7.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

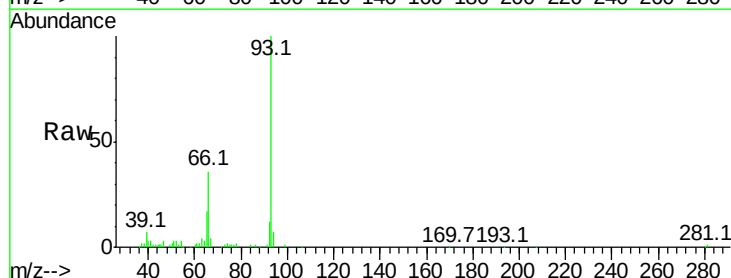
Tgt Ion: 93 Resp: 143640

Ion Ratio Lower Upper

93 100

66 35.8 35.4 53.2

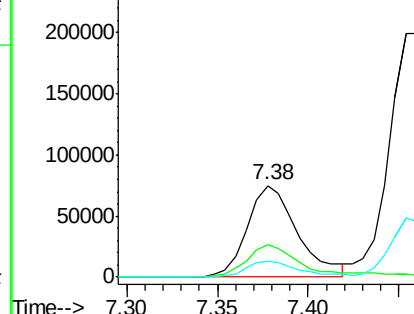
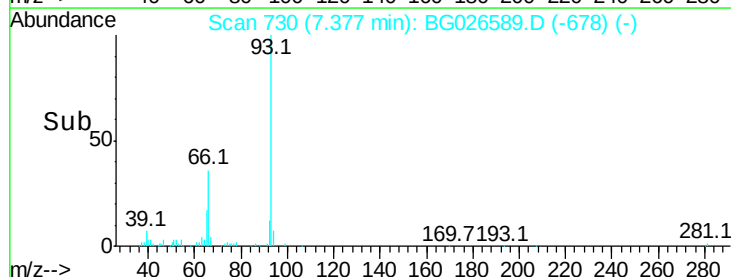
65 17.1 21.2 31.8#

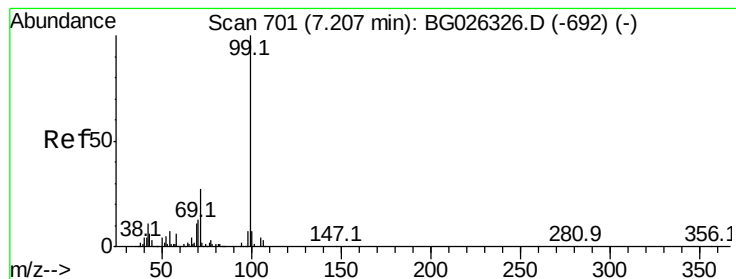


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 85.15 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

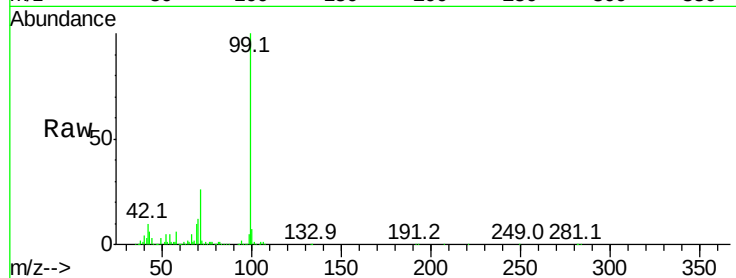
BNA_G

ClientSampleId :

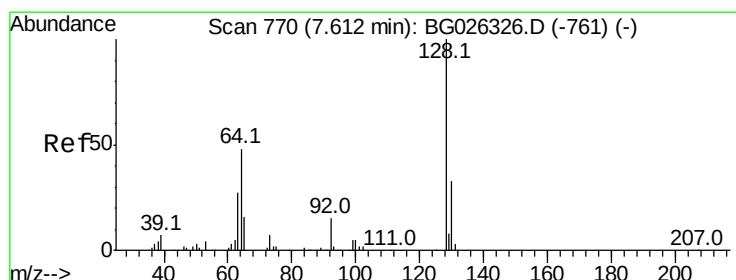
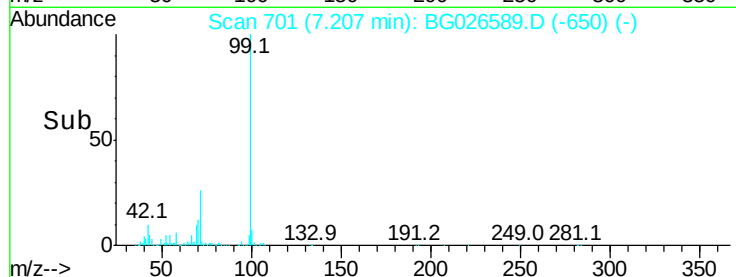
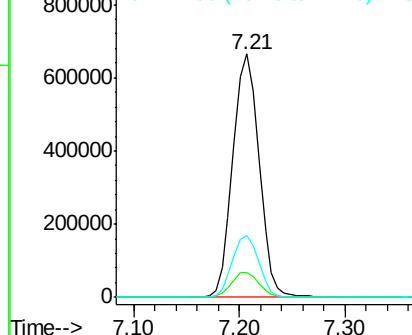
RT3456-275030MSD

Tot Ion: 99 Resp: 1146324

Ion	Ratio	Lower	Upper
99	100		
42	10.4	20.5	30.7#
71	25.5	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: 31.93 ng

RT: 7.61 min Scan# 769

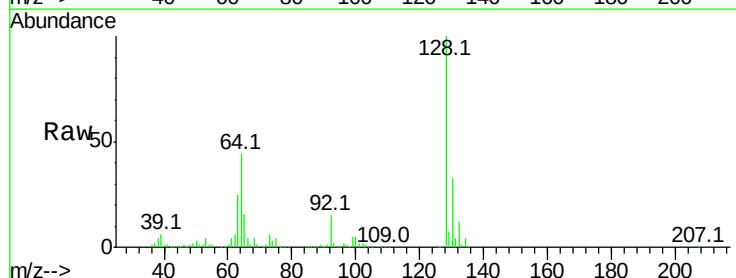
Delta R.T. -0.01 min

Lab File: BG026589.D

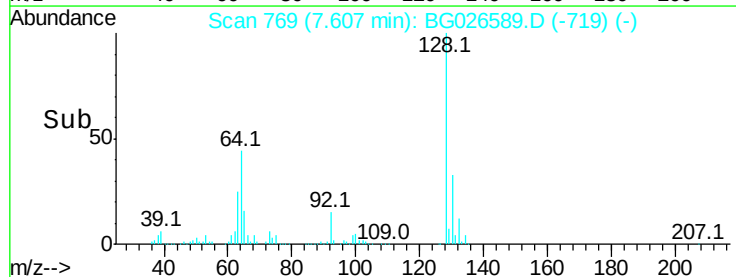
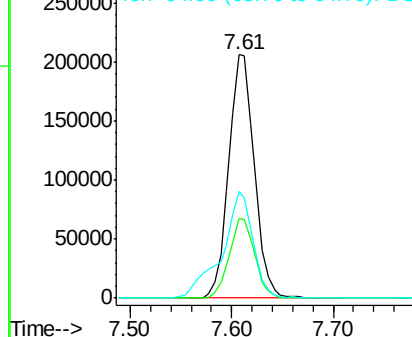
Acq: 7 Apr 2017 6:33

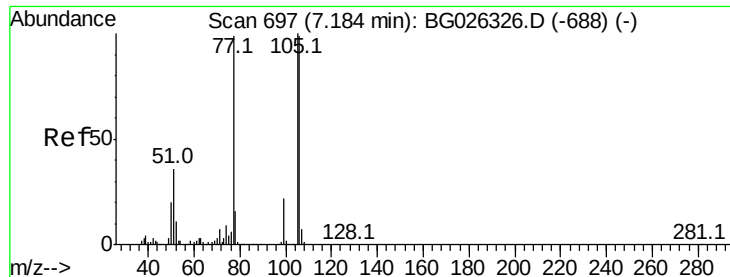
Tgt Ion: 128 Resp: 360557

Ion	Ratio	Lower	Upper
128	100		
130	32.7	11.4	51.4
64	43.7	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: 13.19 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

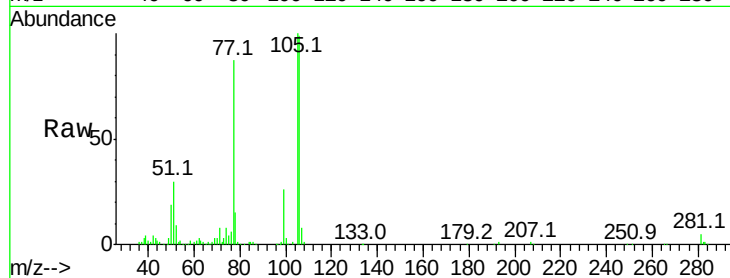
Tot Ion: 77 Resp: 119893

Ion Ratio Lower Upper

77 100

105 114.6 60.9 100.9#

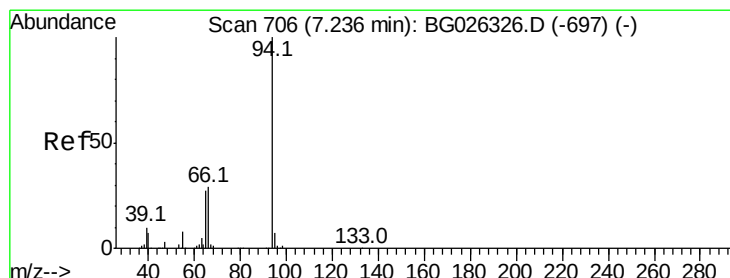
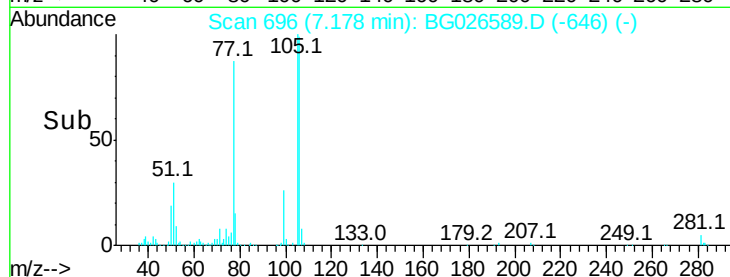
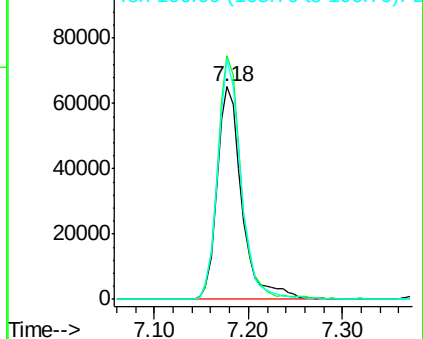
106 113.0 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 28.11 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

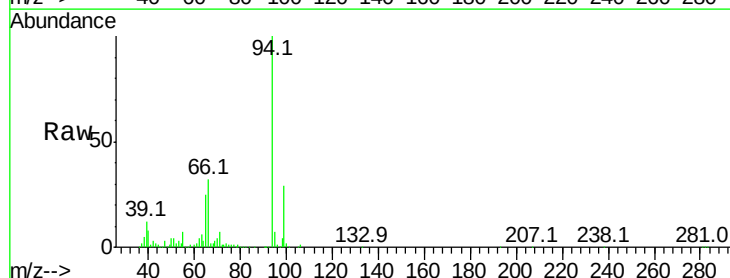
Tgt Ion: 94 Resp: 403771

Ion Ratio Lower Upper

94 100

65 24.6 20.6 60.6

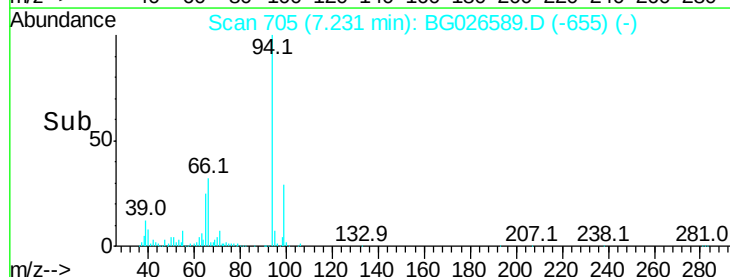
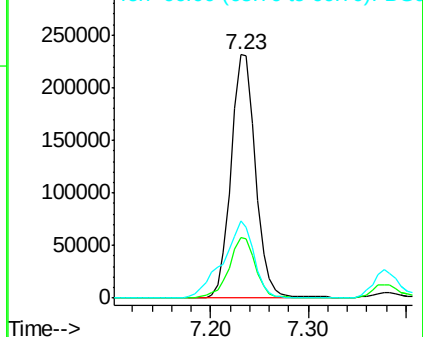
66 31.9 35.5 75.5#

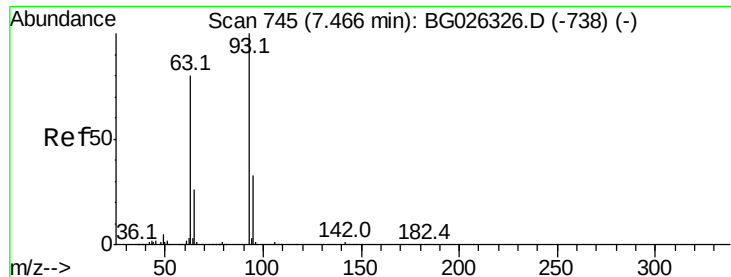


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

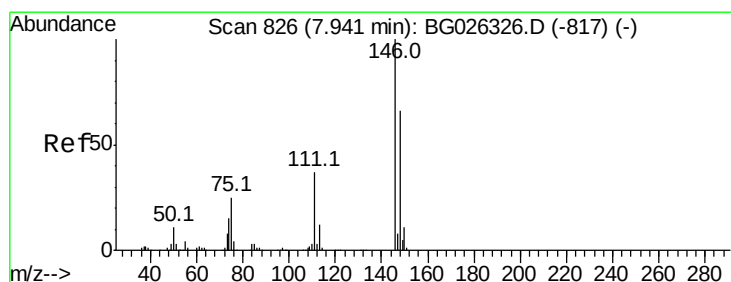
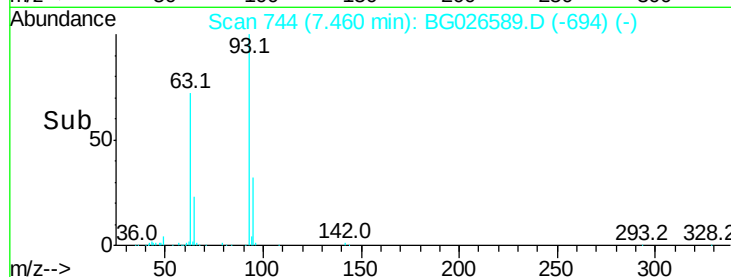
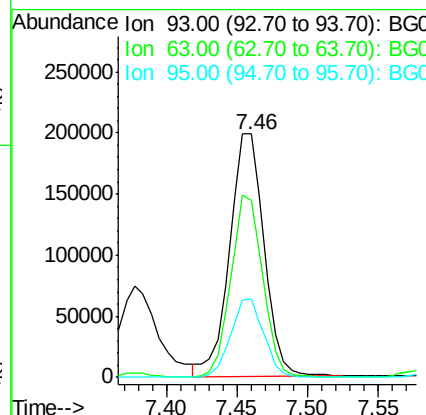
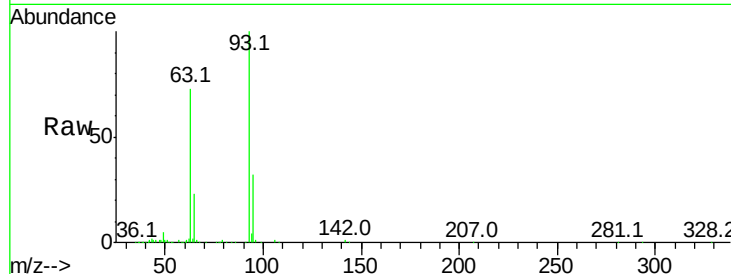




#11
 bis(2-Chloroethyl)ether
 Concen: 28.55 ng
 RT: 7.46 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

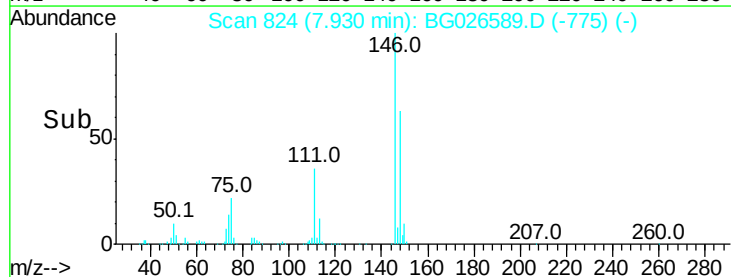
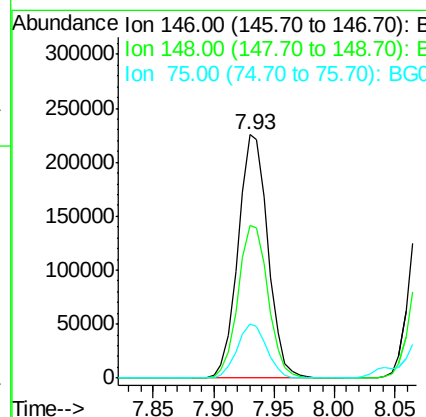
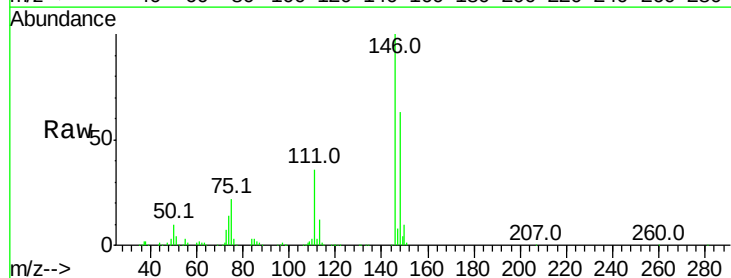
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

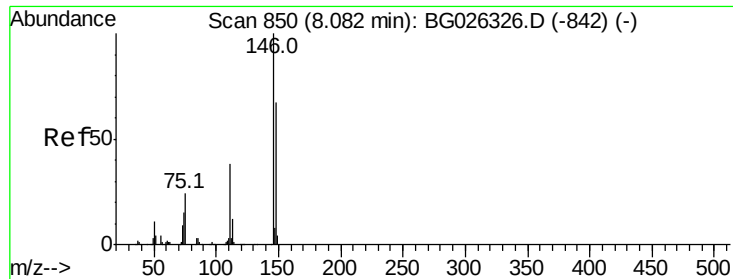
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.8	78.5	118.5#
95	32.2	9.8	49.8



#12
 1,3-Dichlorobenzene
 Concen: 28.90 ng
 RT: 7.93 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.6	49.2	73.8
75	22.3	33.4	50.2#

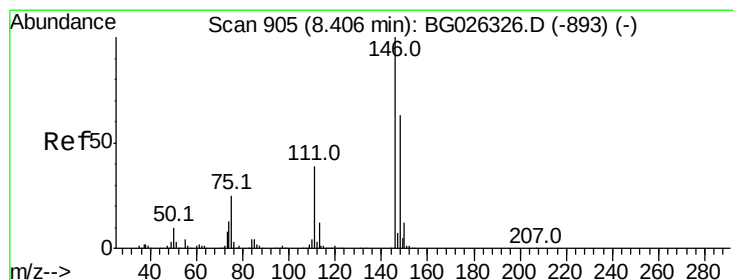
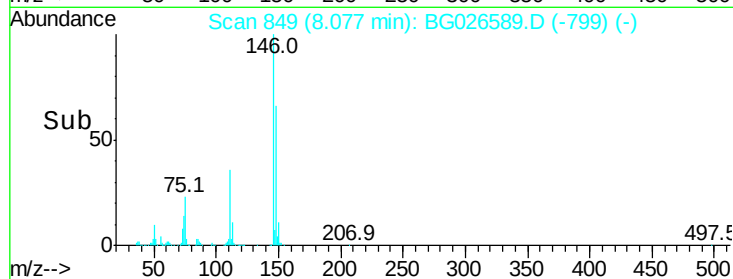
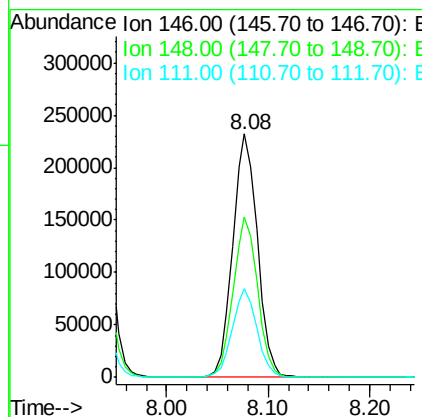
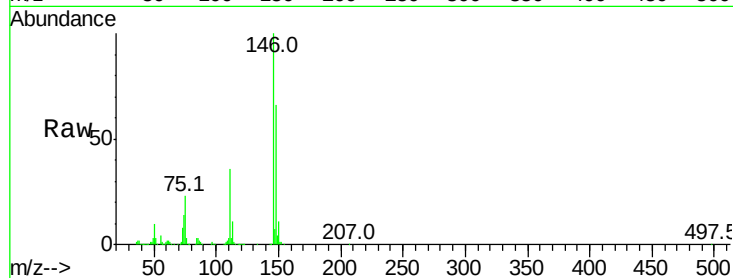




#13
 1,4-Dichlorobenzene
 Concen: 28.78 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

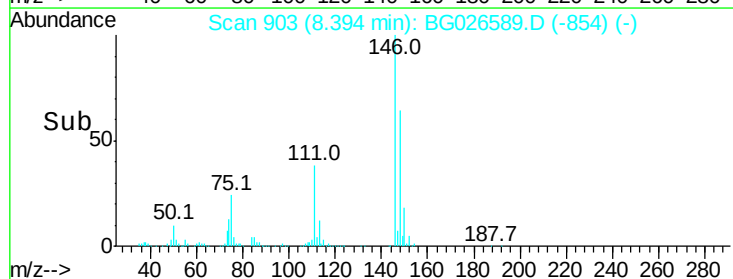
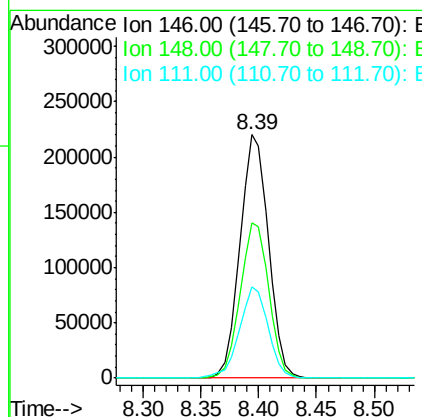
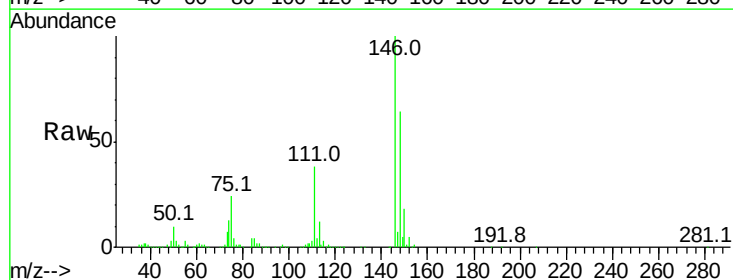
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

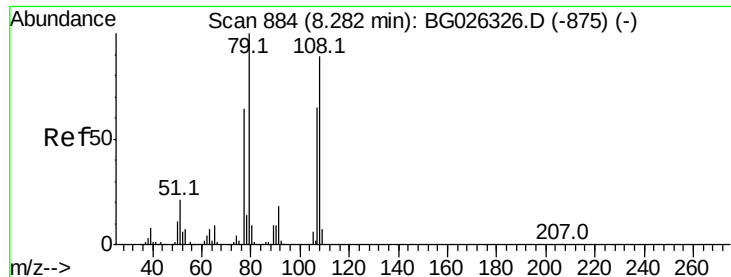
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.0	52.2	78.2
111	36.3	37.0	55.6#



#14
 1,2-Dichlorobenzene
 Concen: 28.85 ng
 RT: 8.39 min Scan# 903
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	54.6	81.8
111	37.5	39.7	59.5#





#15

Benzyl Alcohol

Concen: 23.08 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

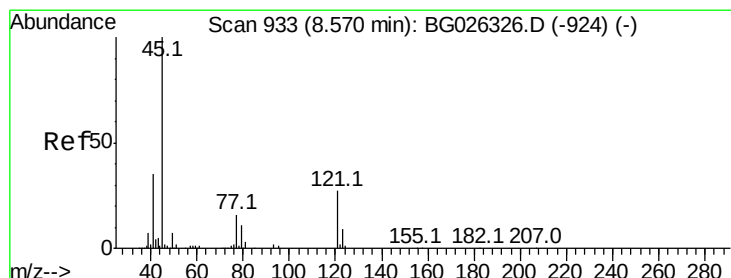
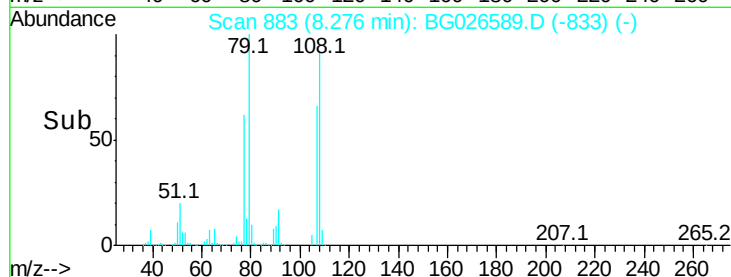
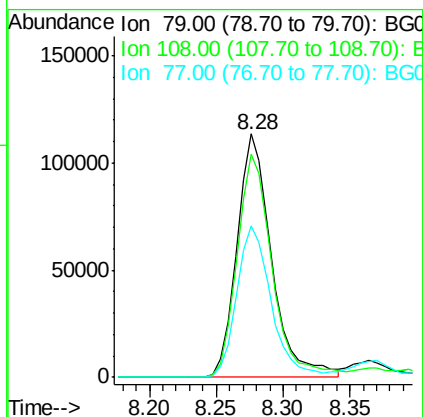
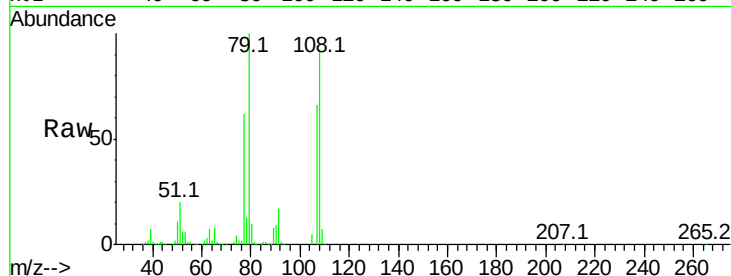
Tot Ion: 79 Resp: 203707

Ion Ratio Lower Upper

79 100

108 91.5 45.5 68.3#

77 62.5 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 23.07 ng

RT: 8.57 min Scan# 933

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

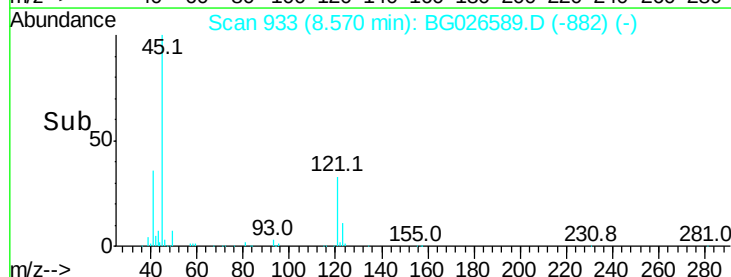
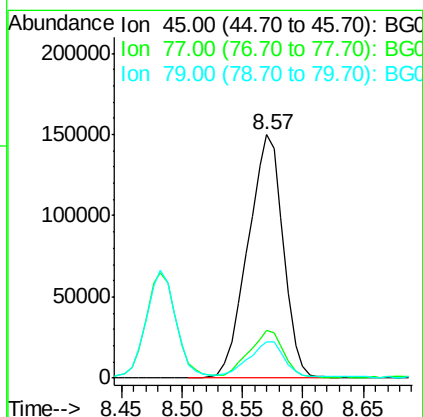
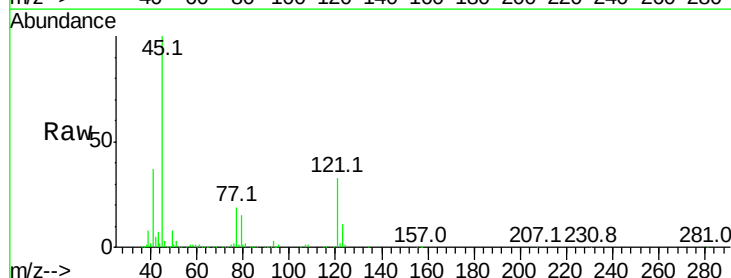
Tgt Ion: 45 Resp: 301797

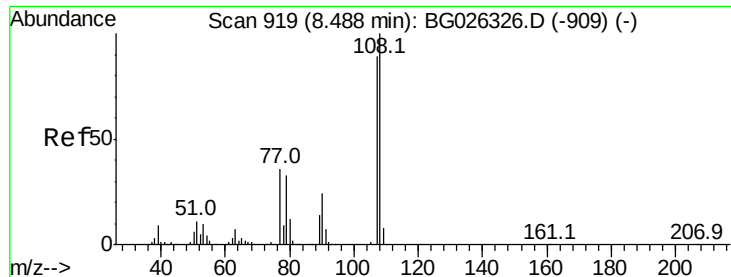
Ion Ratio Lower Upper

45 100

77 19.4 0.0 30.6

79 15.1 0.0 28.5





#17

2-Methylphenol

Concen: 29.67 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

Tot Ion:107 Resp: 302738

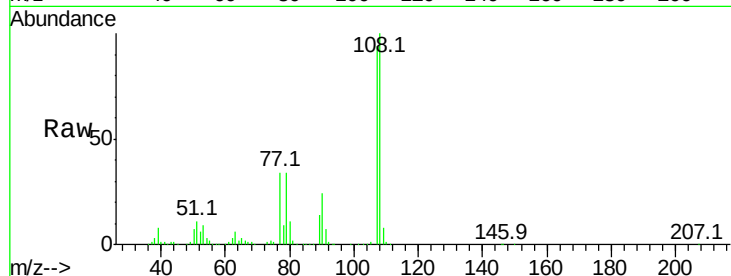
Ion Ratio Lower Upper

107 100

108 106.0 85.6 128.4

77 35.6 51.4 77.2#

79 36.6 49.2 73.8#

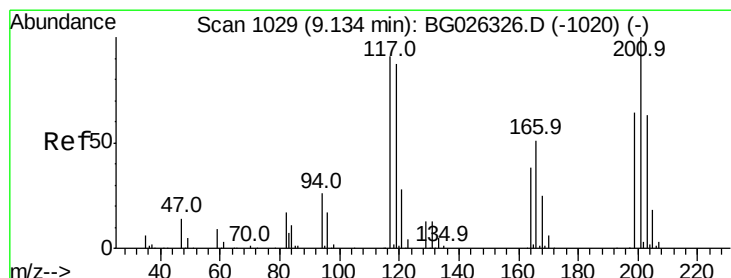
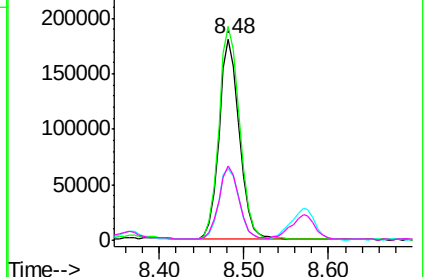
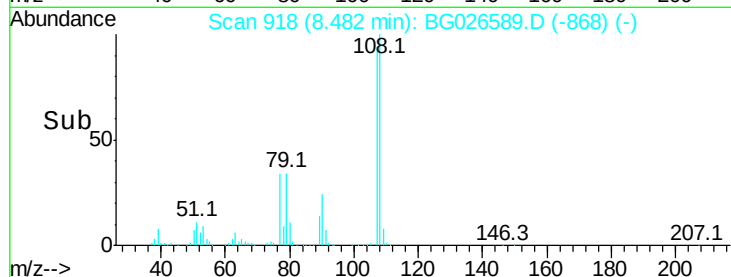


Abundance Ion 107.00 (106.70 to 107.70): E

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: 27.82 ng

RT: 9.12 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

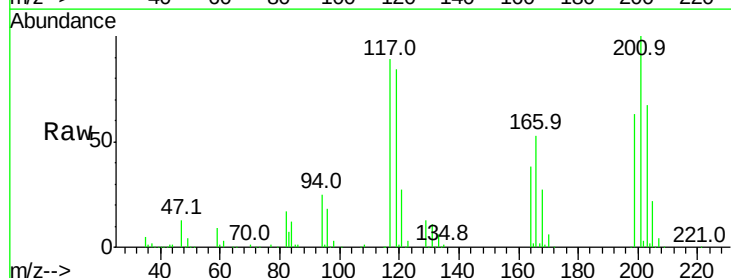
Tgt Ion:117 Resp: 123677

Ion Ratio Lower Upper

117 100

119 95.3 69.8 104.6

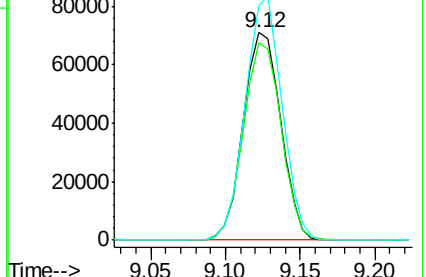
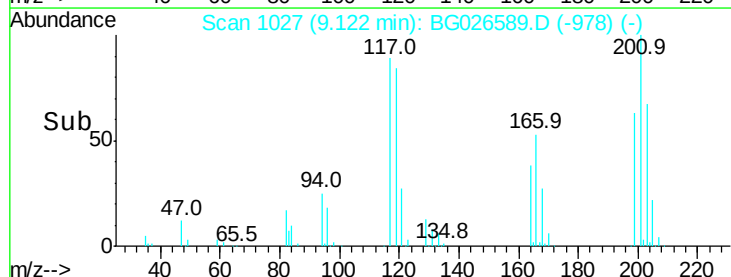
201 112.9 95.4 143.0

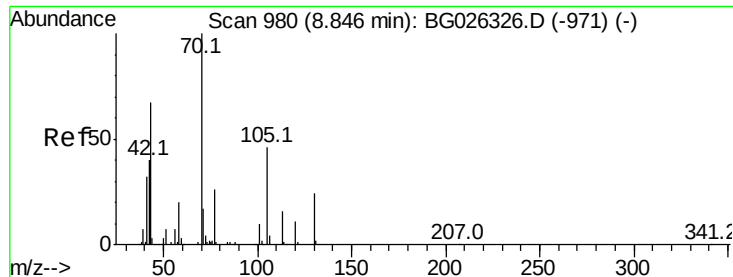


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

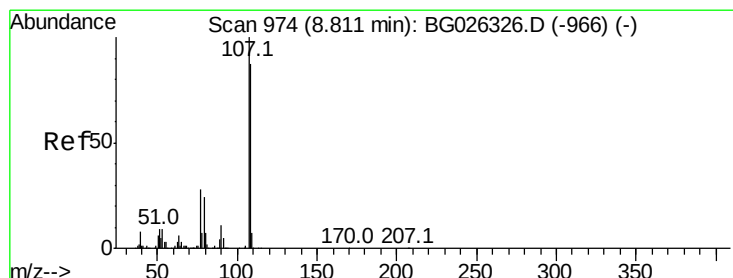
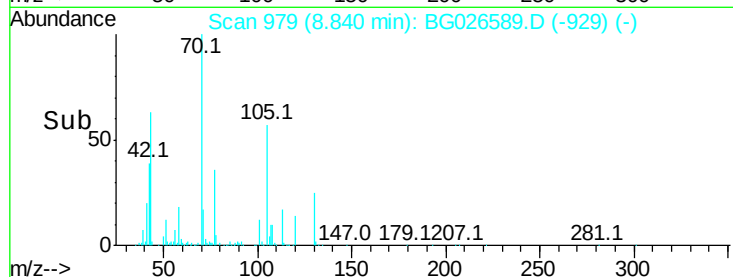
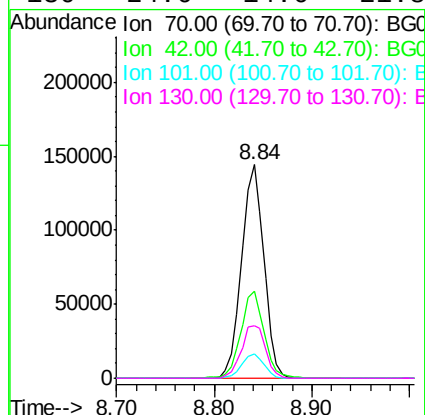
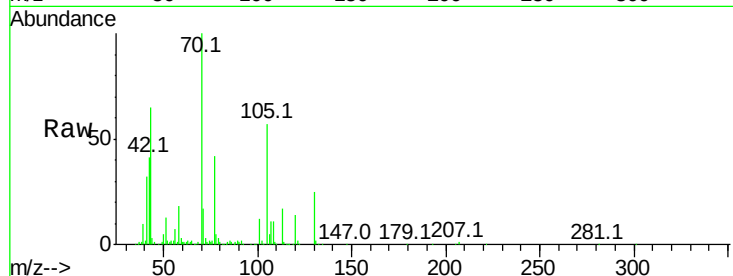




#19
n-Nitroso-di-n-propylamine
Concen: 26.54 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

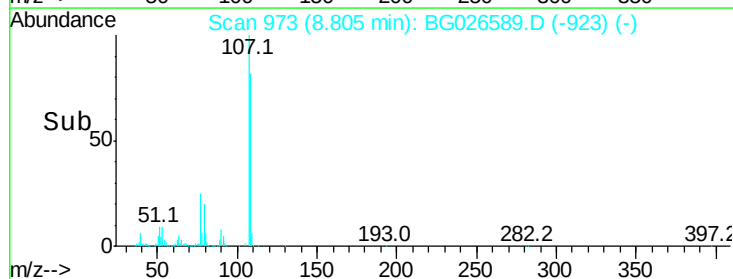
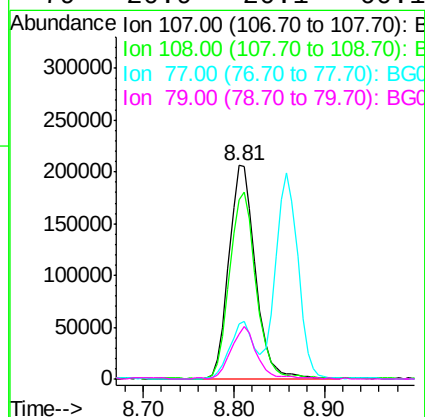
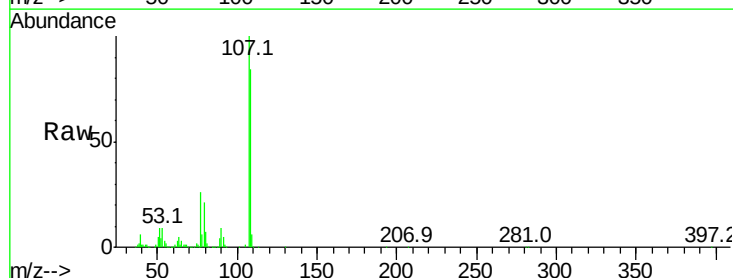
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

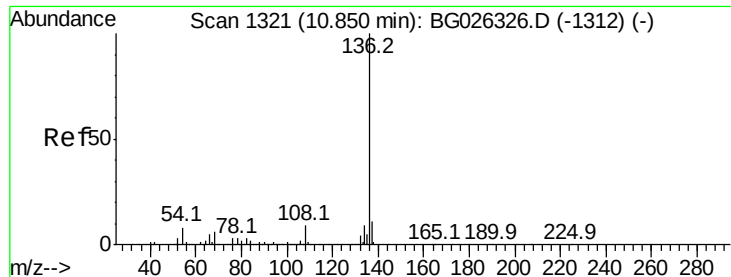
Tot Ion: 70 Resp: 229677
Ion Ratio Lower Upper
70 100
42 40.7 56.1 84.1#
101 11.5 7.5 11.3#
130 24.6 14.6 21.8#



#20
3+4-Methylphenols
Concen: 29.70 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:107 Resp: 417193
Ion Ratio Lower Upper
107 100
108 83.9 70.8 110.8
77 25.8 25.8 65.8#
79 20.9 20.1 60.1

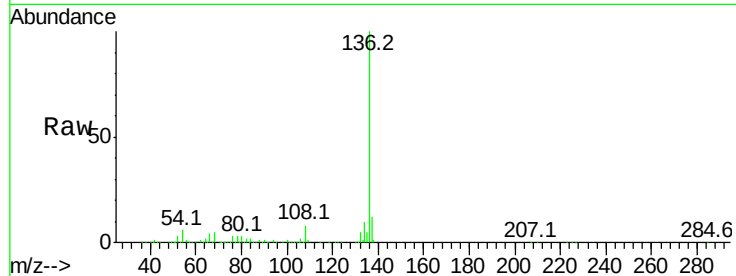




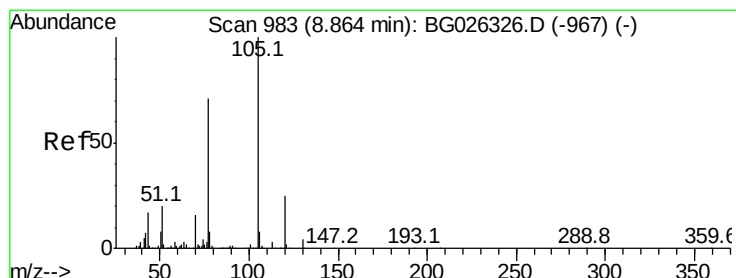
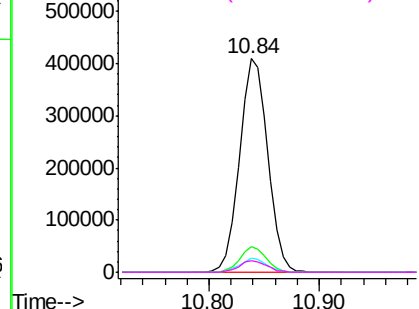
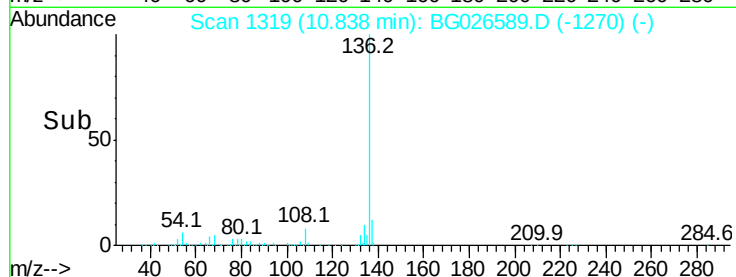
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

Tot Ion:136	Resp:	731956
Ion Ratio	Lower	Upper
136	100	
137	11.8	8.9 13.3
54	6.4	9.3 13.9#
68	5.4	5.1 7.7

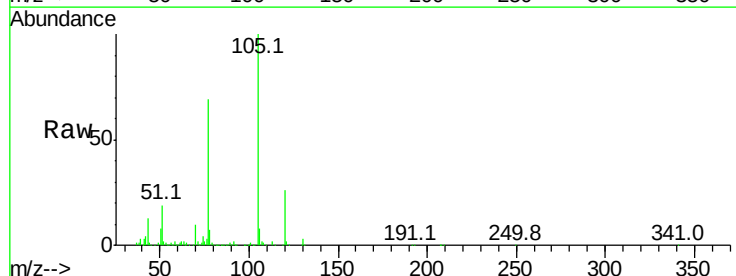


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

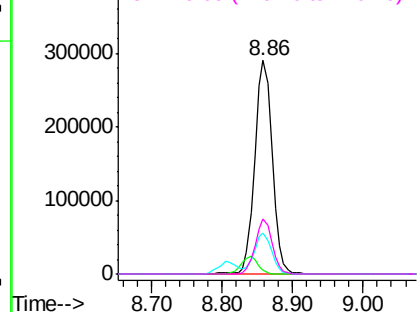
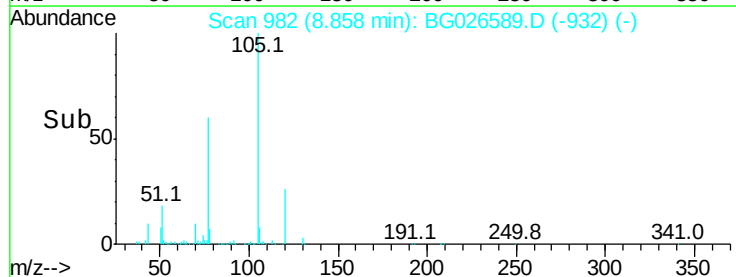


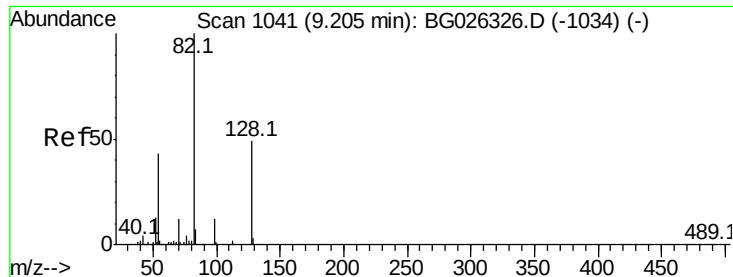
#22
Acetophenone
Concen: 29.94 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:105	Resp:	503975
Ion Ratio	Lower	Upper
105	100	
71	1.9	0.9 1.3#
51	19.3	34.0 51.0#
120	25.9	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

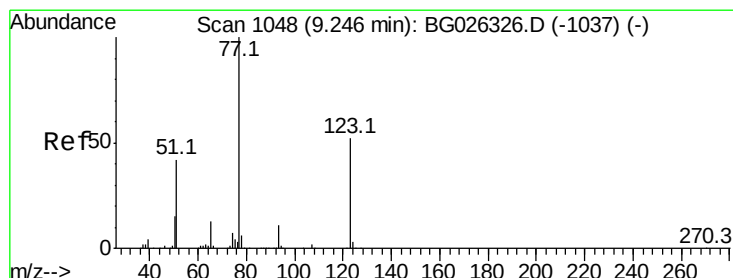
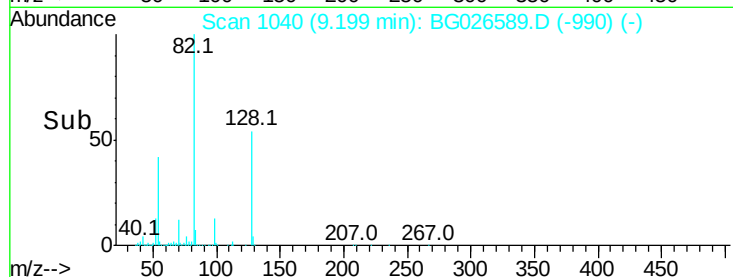
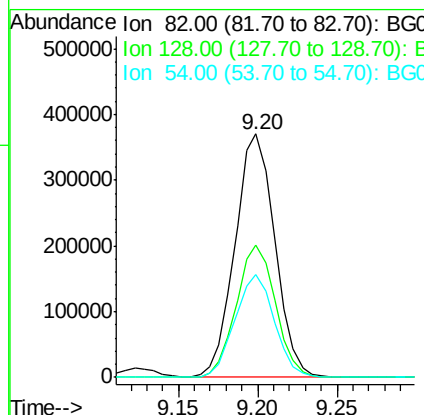
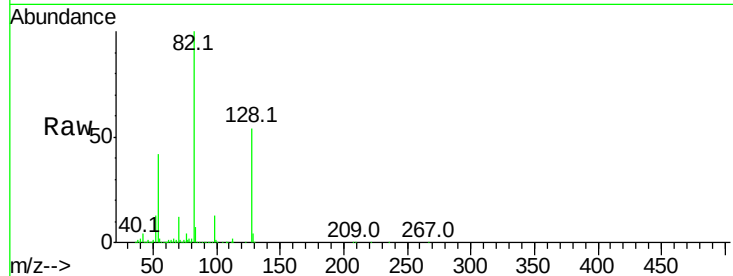




#23
 Nitrobenzene-d5
 Concen: 52.92 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

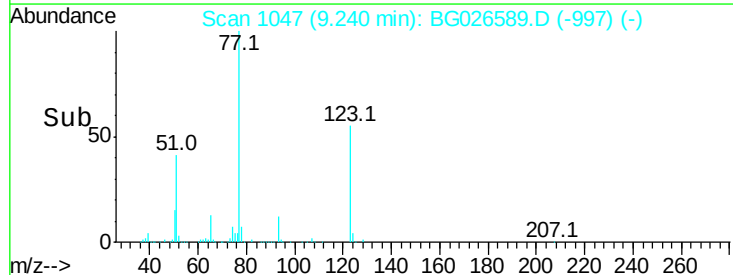
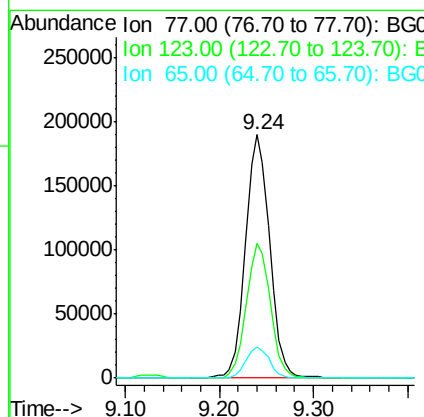
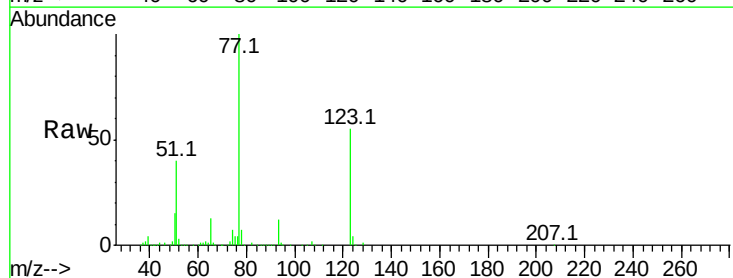
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

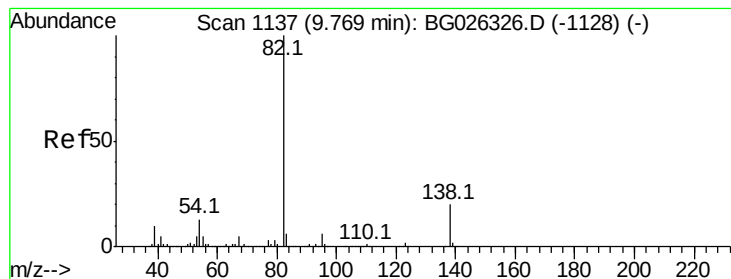
Tot Ion	82	Resp	644258
Ion	Ratio	Lower	Upper
82	100		
128	54.3	26.4	39.6#
54	42.2	49.4	74.2#



#24
 Nitrobenzene
 Concen: 27.97 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion	77	Resp	336232
Ion	Ratio	Lower	Upper
77	100		
123	55.2	26.1	39.1#
65	12.9	12.4	18.6





#25

Isophorone

Concen: 28.51 ng

RT: 9.76 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

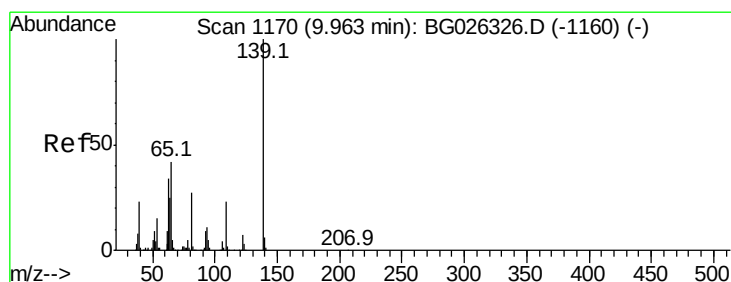
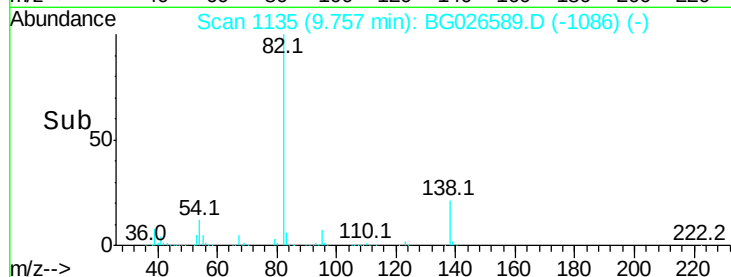
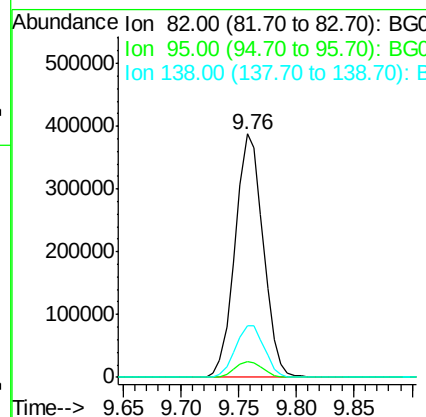
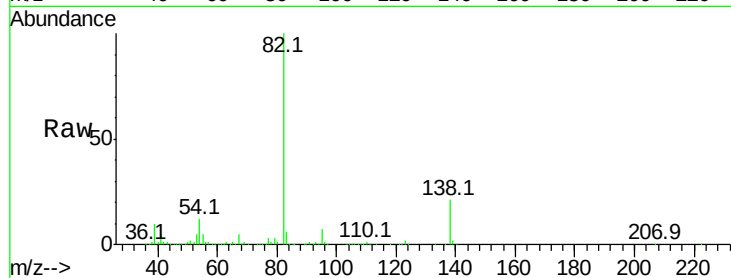
Tot Ion: 82 Resp: 654057

Ion Ratio Lower Upper

82 100

95 6.6 7.5 11.3#

138 21.0 12.3 18.5#



#26

2-Nitrophenol

Concen: 32.70 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

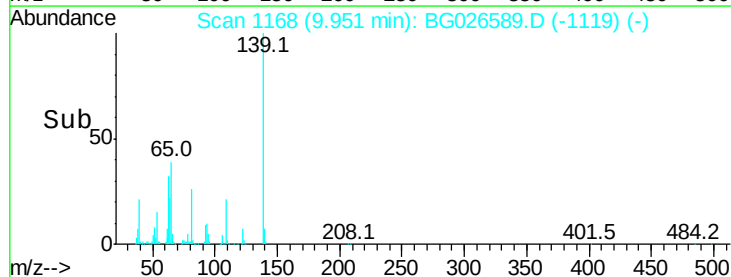
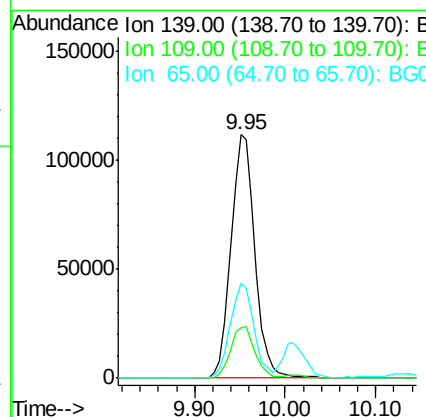
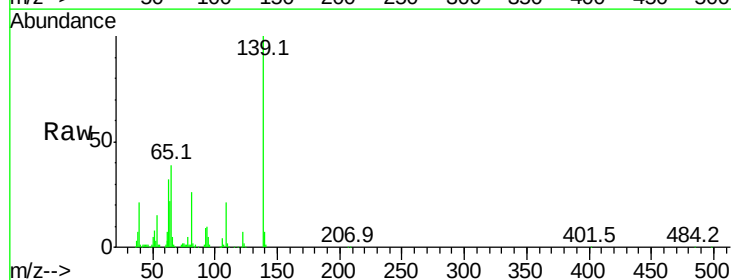
Tgt Ion: 139 Resp: 204499

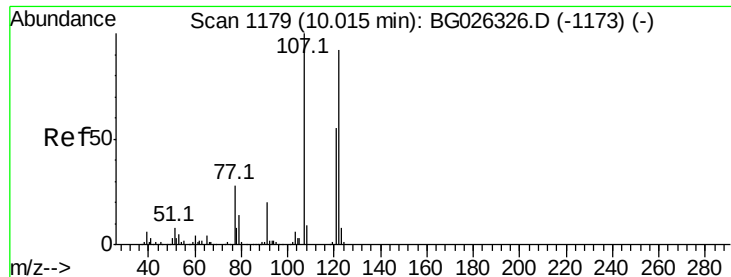
Ion Ratio Lower Upper

139 100

109 20.8 38.6 58.0#

65 39.3 57.1 85.7#

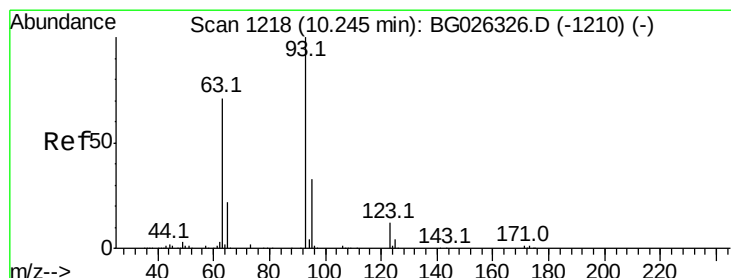
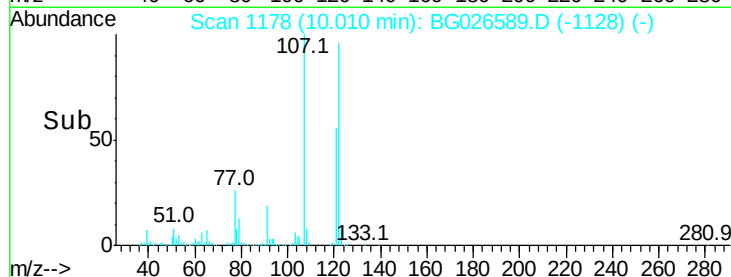
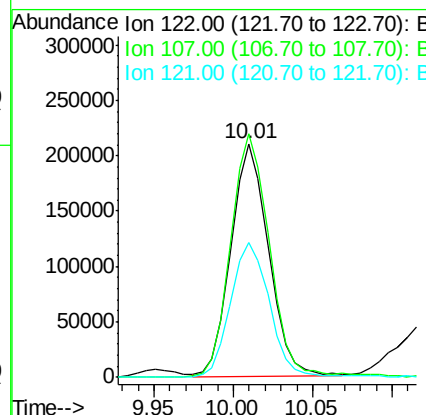
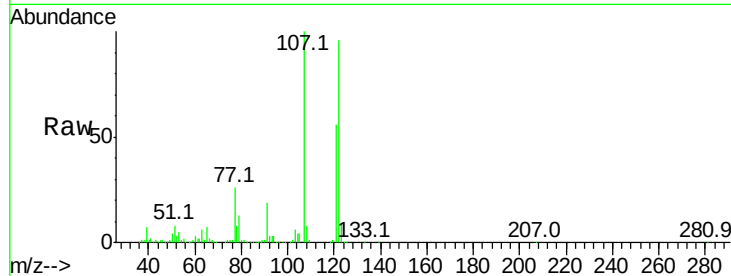




#27
 2,4-Dimethylphenol
 Concen: 33.59 ng
 RT: 10.01 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

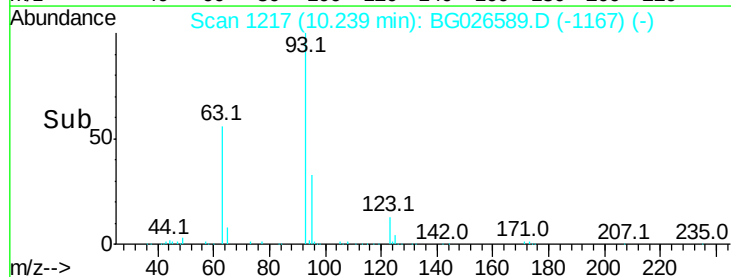
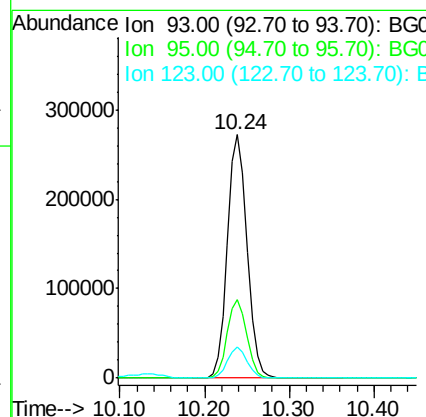
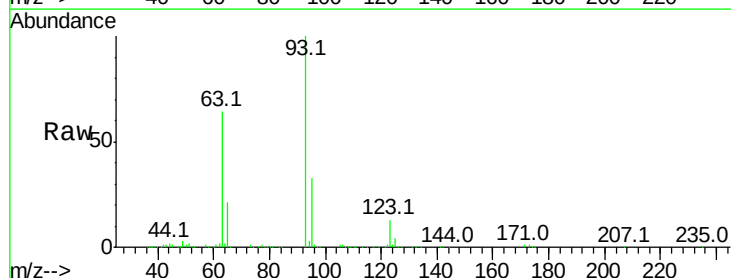
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

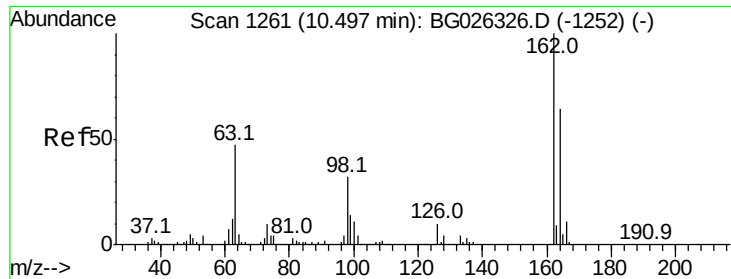
Tot Ion:122 Resp: 344862
 Ion Ratio Lower Upper
 122 100
 107 104.3 104.2 156.4
 121 57.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 29.39 ng
 RT: 10.24 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion: 93 Resp: 438051
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.7 38.5
 123 13.0 8.3 12.5#





#29

2,4-Dichlorophenol

Concen: 36.07 ng

RT: 10.50 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

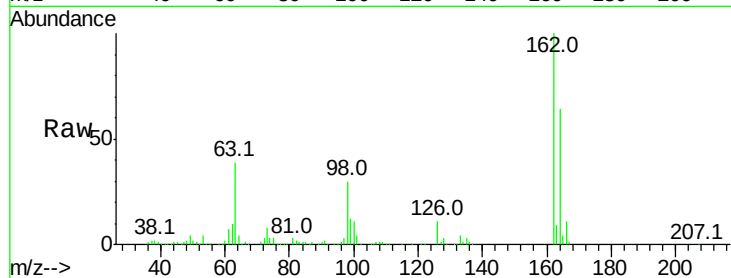
Tot Ion:162 Resp: 374530

Ion Ratio Lower Upper

162 100

164 64.4 42.4 82.4

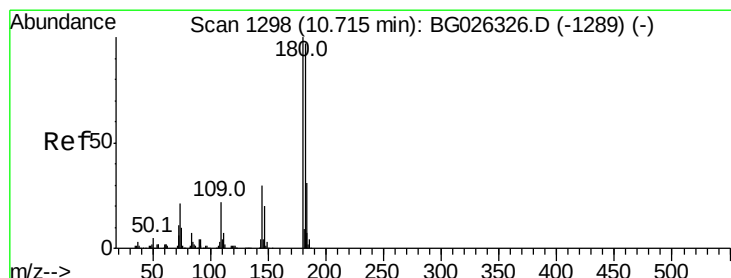
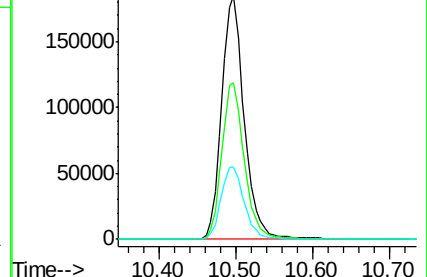
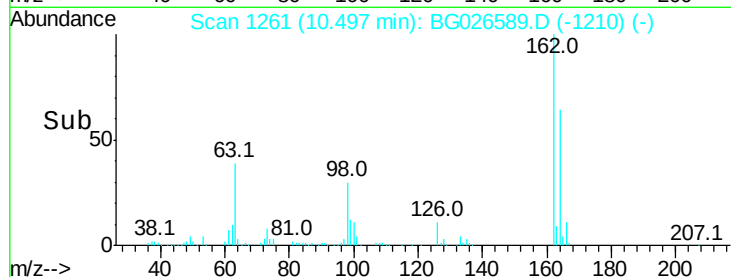
98 29.8 20.3 60.3



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: 32.17 ng

RT: 10.70 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

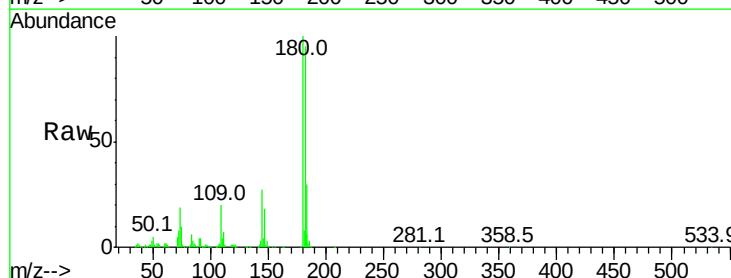
Tgt Ion:180 Resp: 375194

Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.4

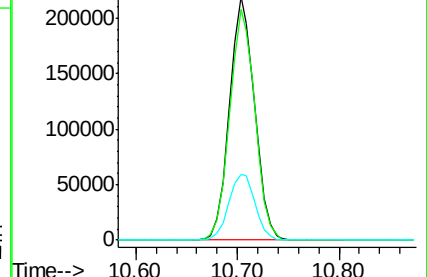
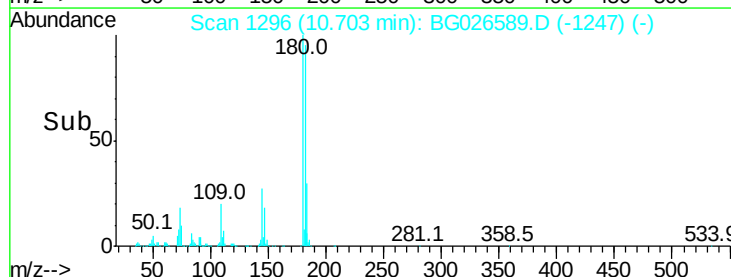
145 27.1 23.4 35.0

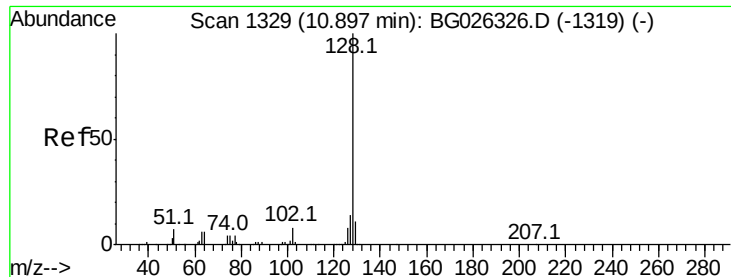


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

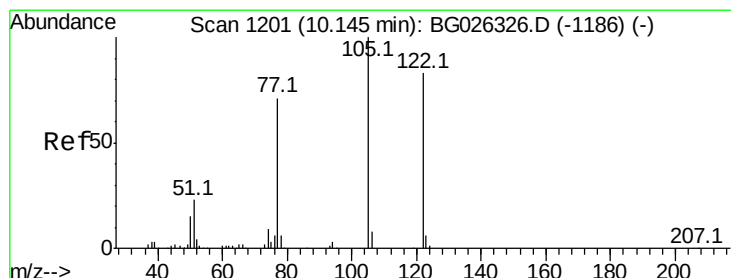
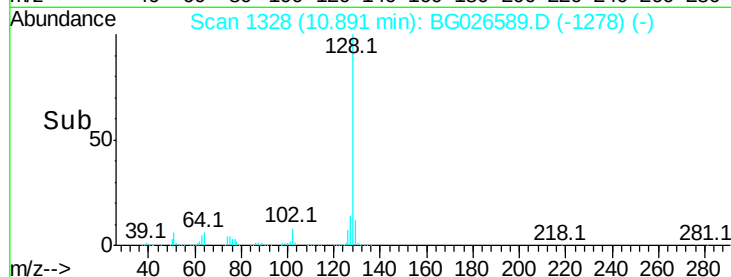
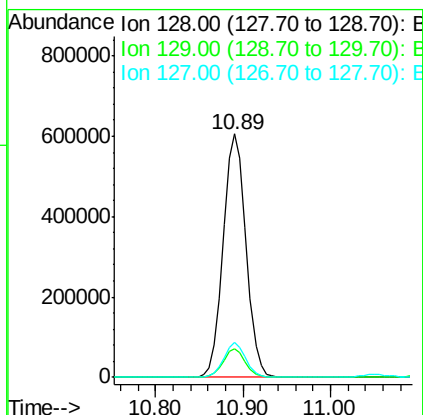
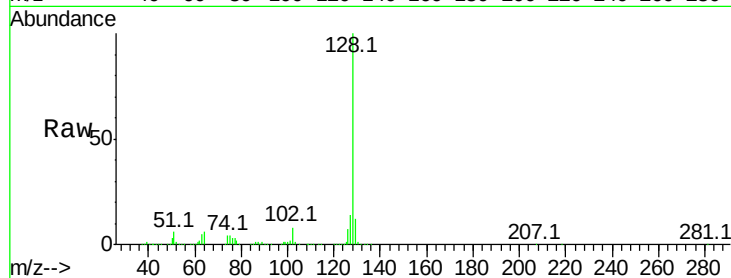




#31
Naphthalene
Concen: 29.40 ng
RT: 10.89 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

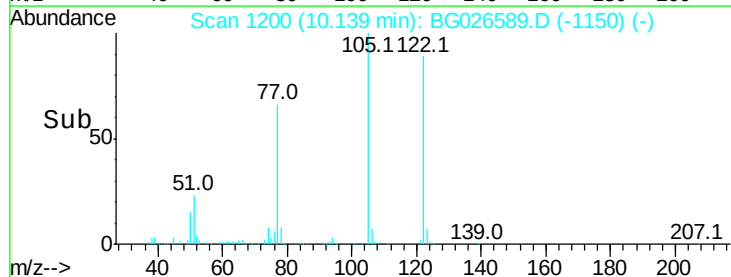
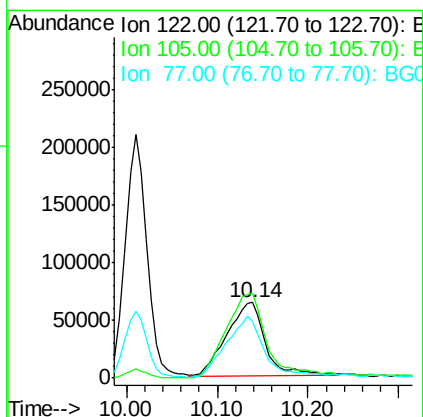
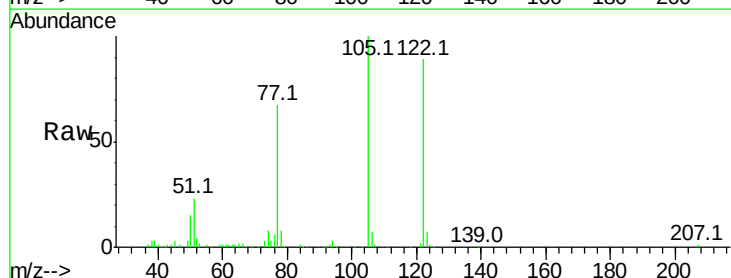
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

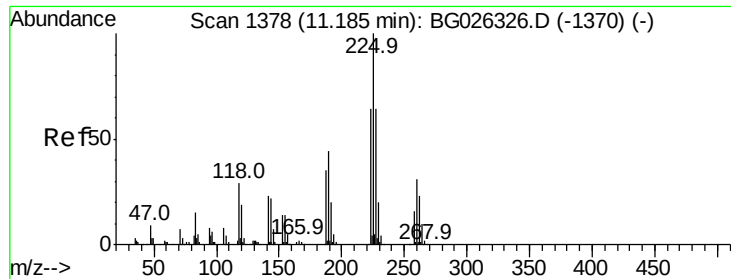
Tot Ion:128 Resp: 1088063
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 14.4 11.4 17.0



#32
Benzoic acid
Concen: 23.93 ng
RT: 10.14 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:122 Resp: 189006
Ion Ratio Lower Upper
122 100
105 112.2 120.1 160.1#
77 75.2 104.6 144.6#

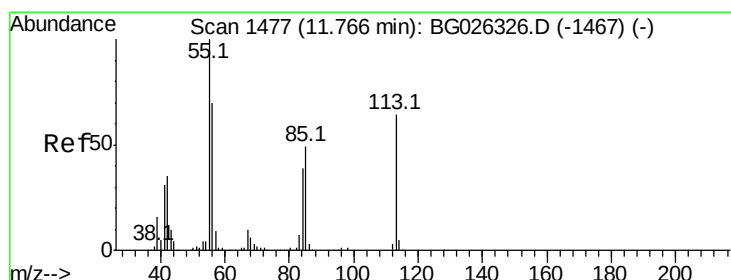
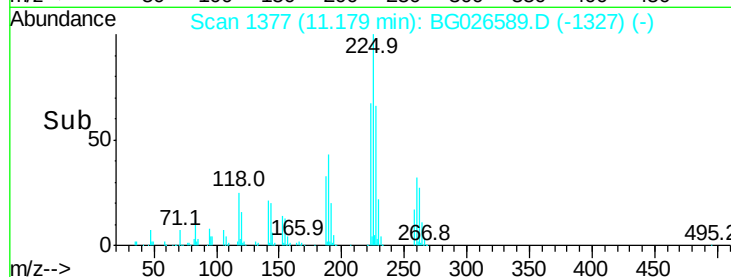
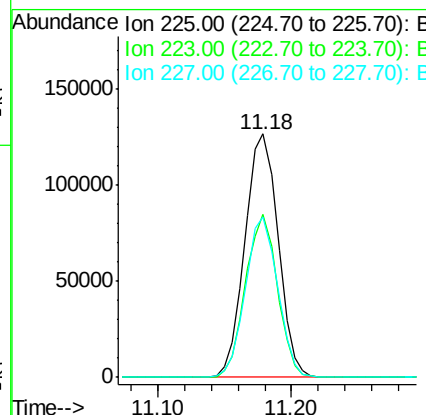
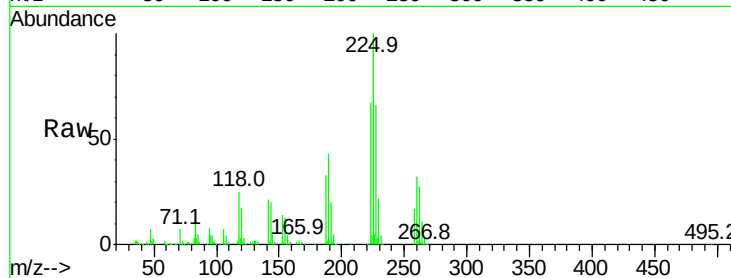




#34
Hexachlorobutadiene
Concen: 31.59 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

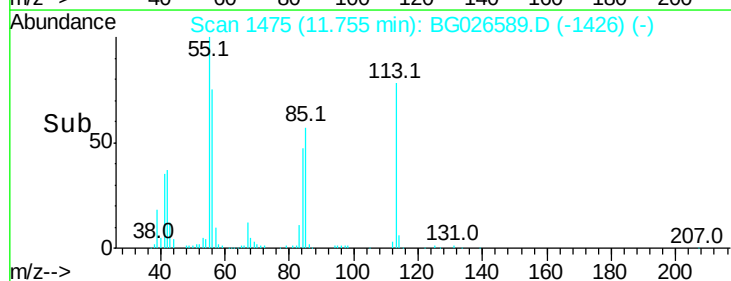
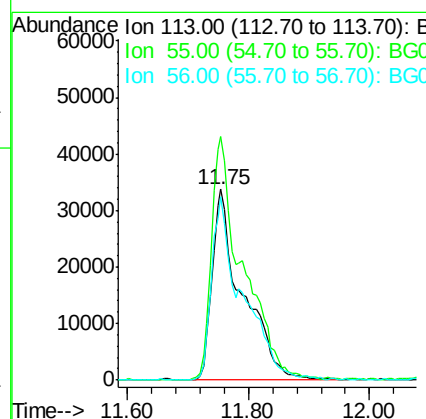
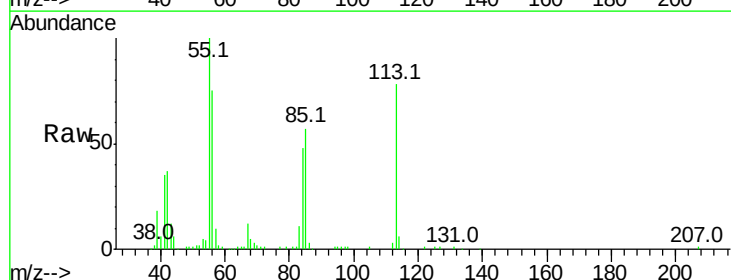
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

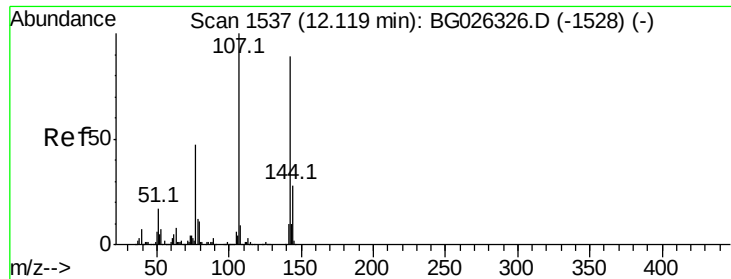
Tot Ion:225 Resp: 217338
Ion Ratio Lower Upper
225 100
223 66.9 50.7 76.1
227 66.1 49.0 73.6



#35
Caprolactam
Concen: 28.65 ng
RT: 11.75 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:113 Resp: 117200
Ion Ratio Lower Upper
113 100
55 127.6 198.6 238.6#
56 95.9 140.4 180.4#

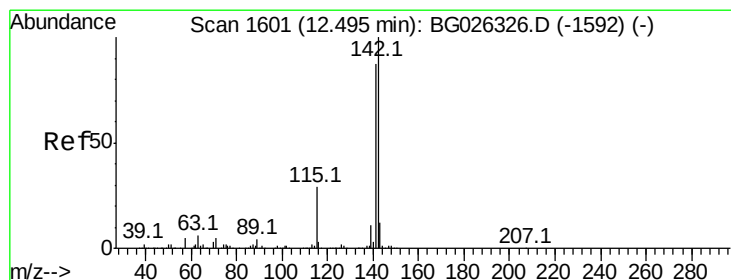
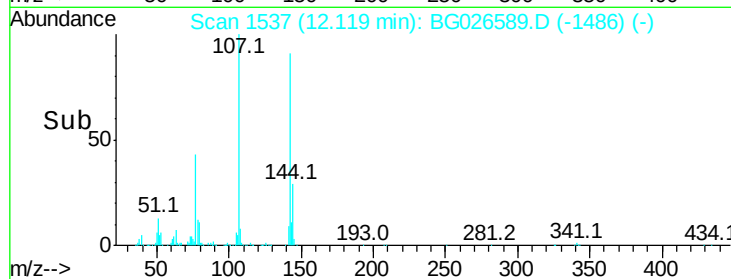
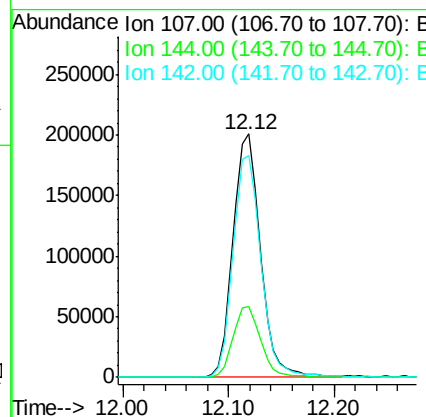
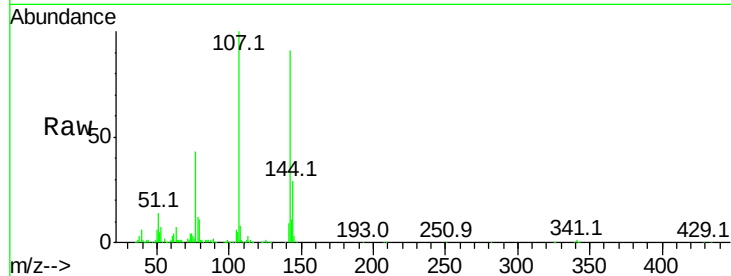




#36
4-Chloro-3-methylphenol
Concen: 32.58 ng
RT: 12.12 min Scan# 1537
Delta R.T. 0.00 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

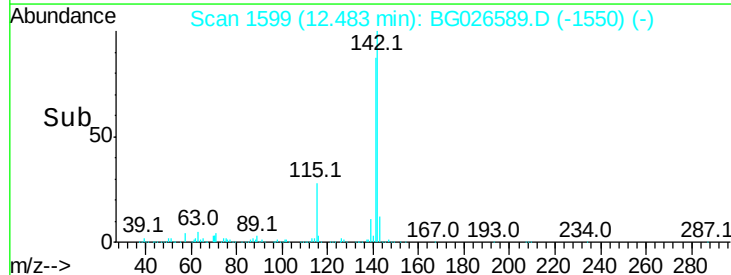
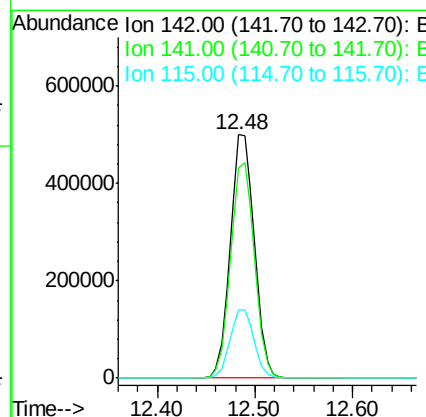
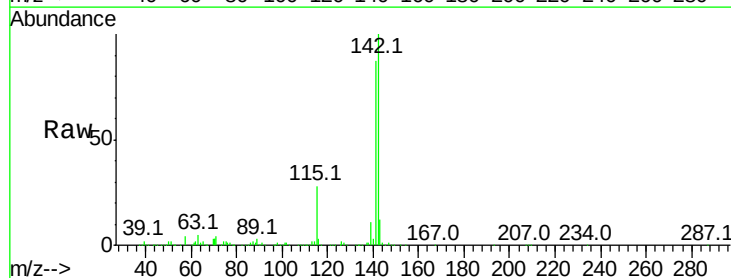
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

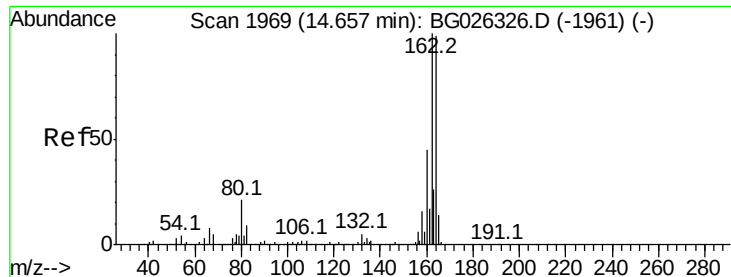
Tot Ion:107 Resp: 361839
Ion Ratio Lower Upper
107 100
144 29.3 17.4 26.0#
142 91.3 54.1 81.1#



#37
2-Methylnaphthalene
Concen: 31.50 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:142 Resp: 853814
Ion Ratio Lower Upper
142 100
141 86.6 70.4 105.6
115 28.0 35.5 53.3#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

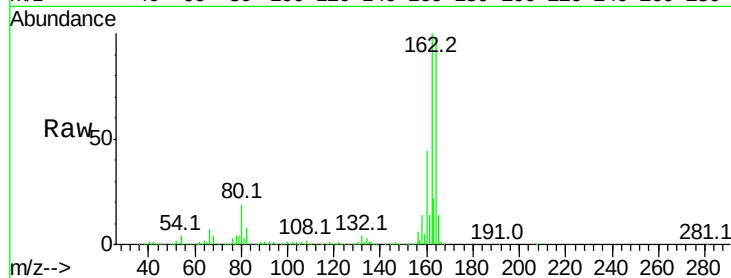
Tot Ion:164 Resp: 444351

Ion Ratio Lower Upper

164 100

162 102.2 85.1 127.7

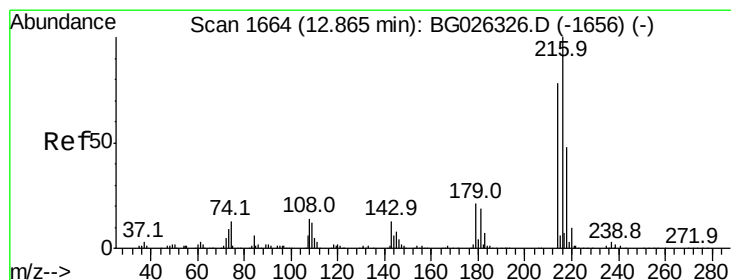
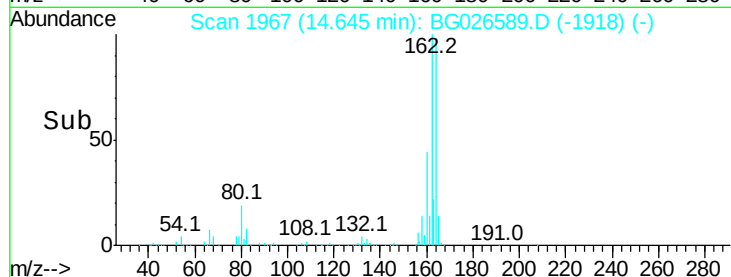
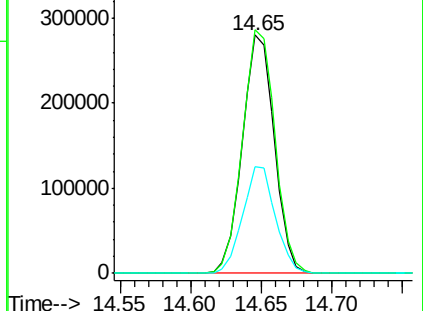
160 45.0 34.7 52.1



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: 30.65 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Tgt Ion:216 Resp: 409839

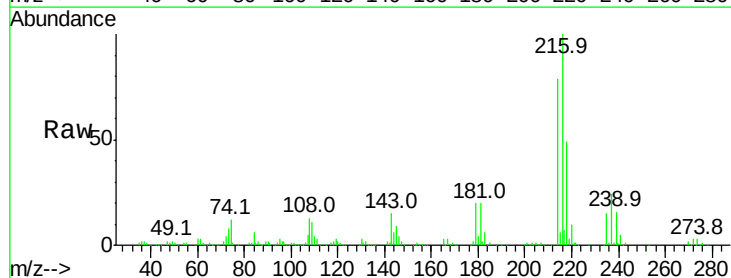
Ion Ratio Lower Upper

216 100

214 78.0 64.4 96.6

179 20.2 17.4 26.0

108 16.2 15.6 23.4

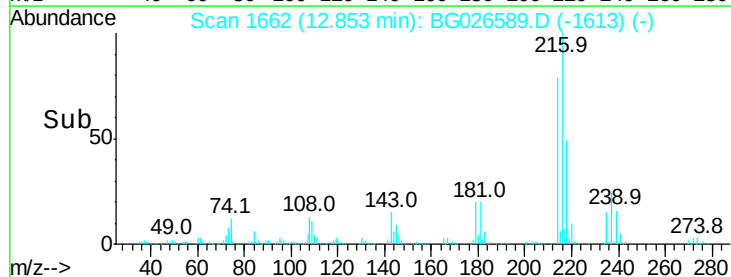
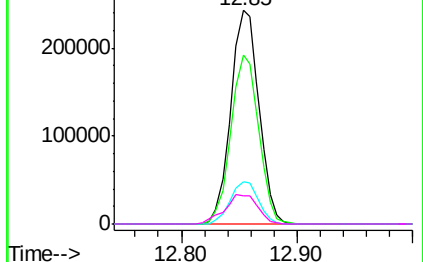


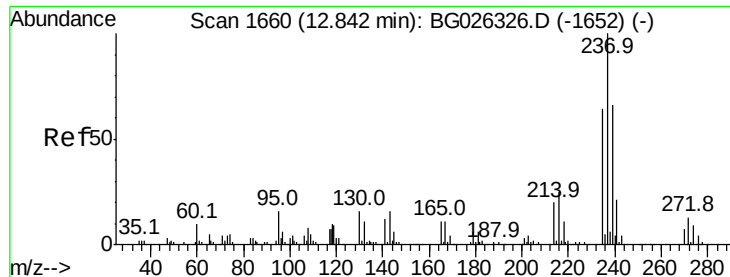
Abundance Ion 216.00 (215.70 to 216.70): E

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: 62.71 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

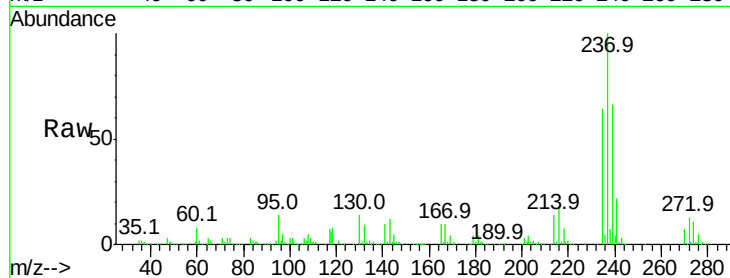
Tot Ion:237 Resp: 441336

Ion Ratio Lower Upper

237 100

235 63.8 39.4 79.4

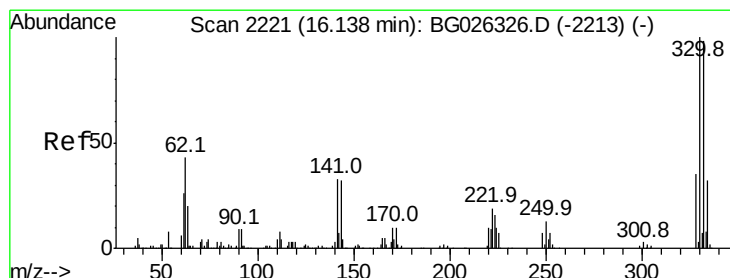
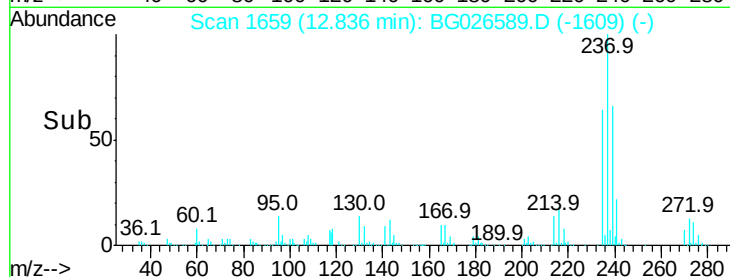
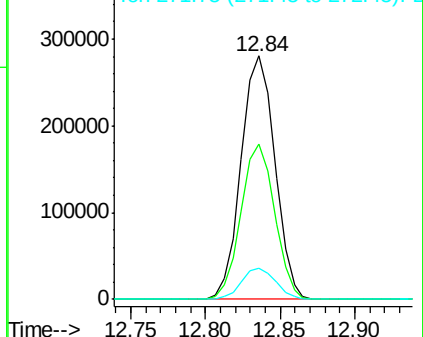
272 12.8 0.0 32.0



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: 108.83 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

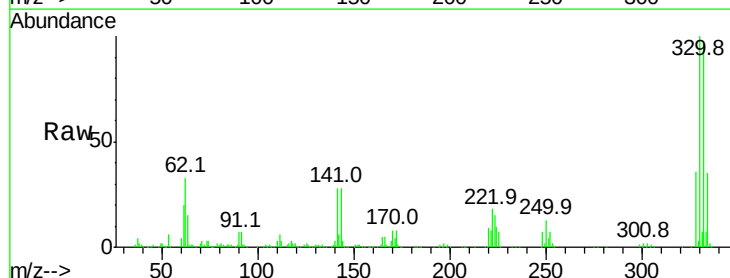
Tgt Ion:330 Resp: 553812

Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

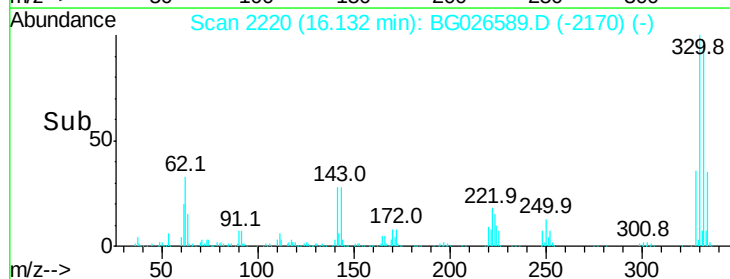
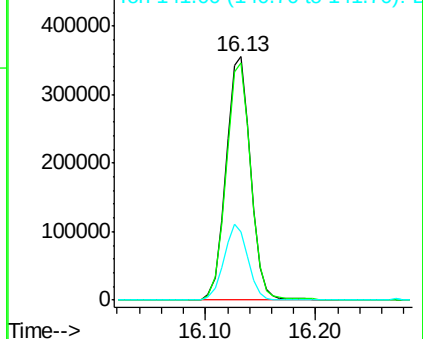
141 30.4 32.1 48.1#

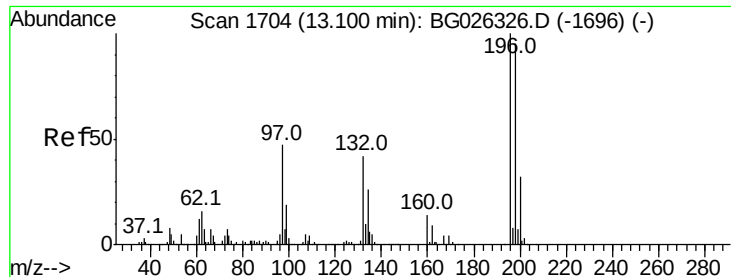


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#42

2,4,6-Trichlorophenol

Concen: 34.39 ng

RT: 13.09 min Scan# 1702

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

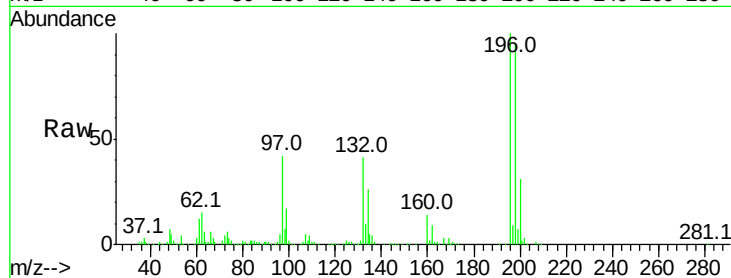
Tot Ion:196 Resp: 301068

Ion Ratio Lower Upper

196 100

198 95.4 81.4 122.2

200 31.1 27.0 40.6

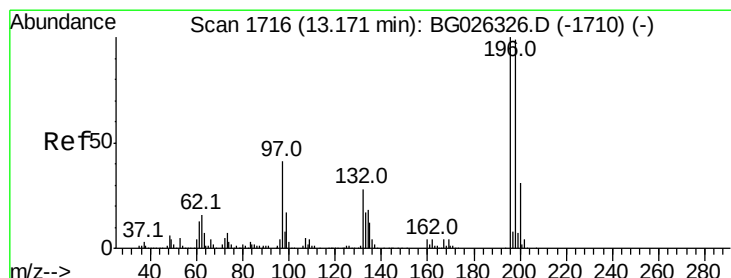
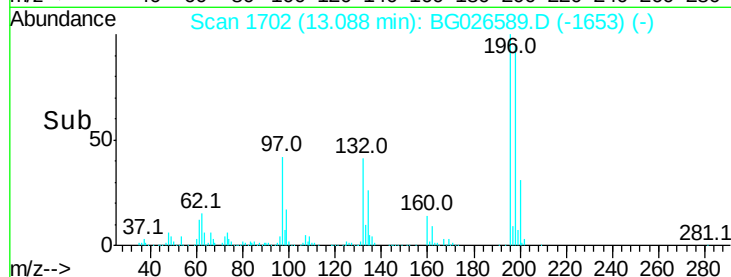
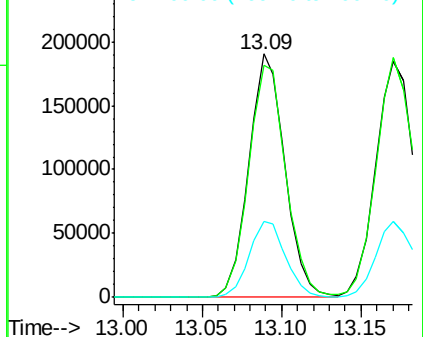


Abundance

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: 33.53 ng

RT: 13.17 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Tgt Ion:196 Resp: 324415

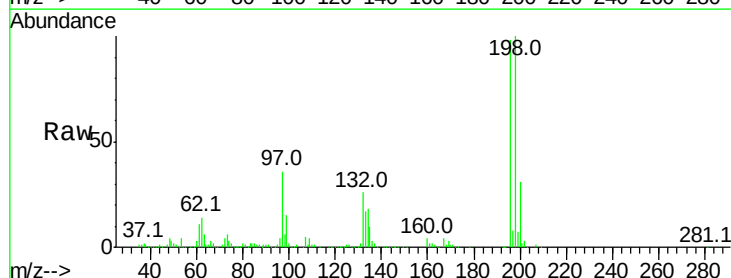
Ion Ratio Lower Upper

196 100

198 101.9 79.9 119.9

97 36.6 45.4 68.0#

132 26.1 20.7 31.1



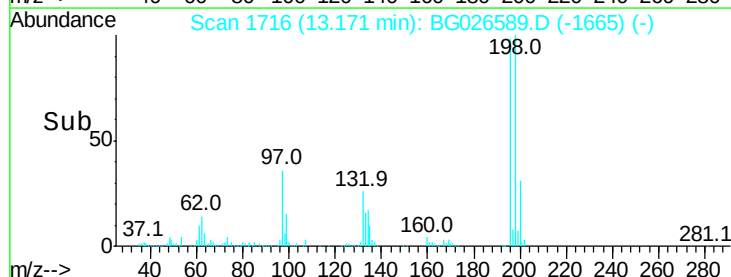
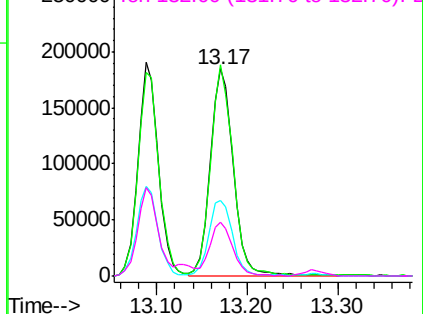
Abundance

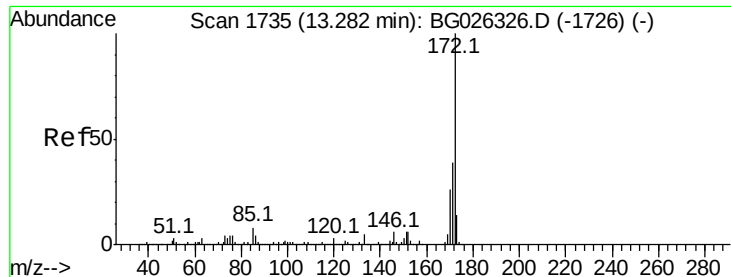
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



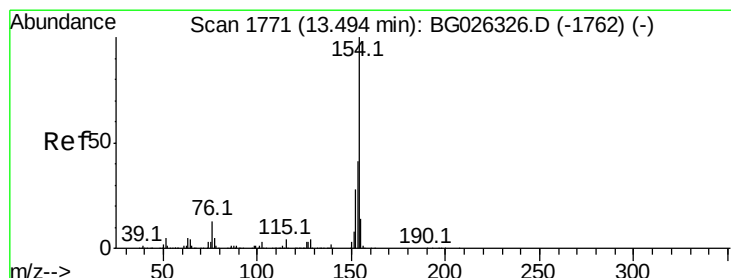
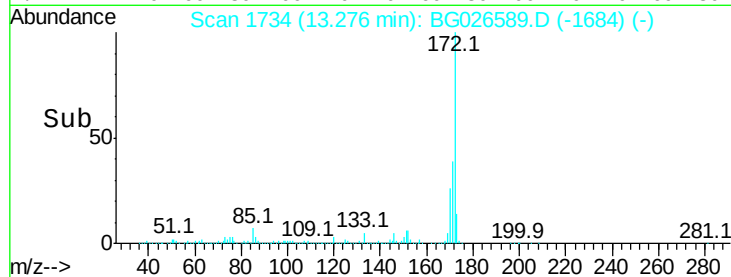
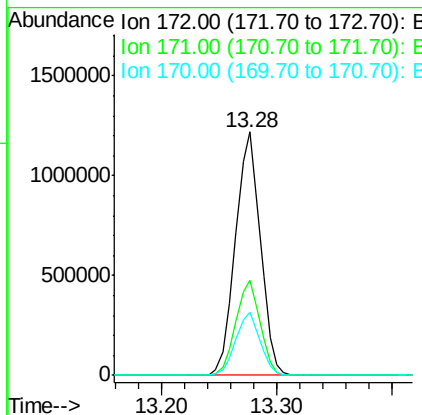
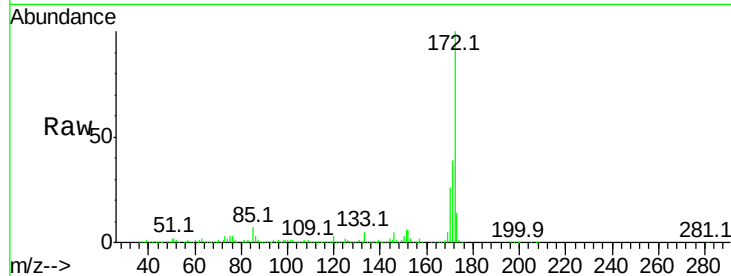


#44
 2-Fluorobiphenyl
 Concen: 57.52 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

Tot Ion:172 Resp: 1822668

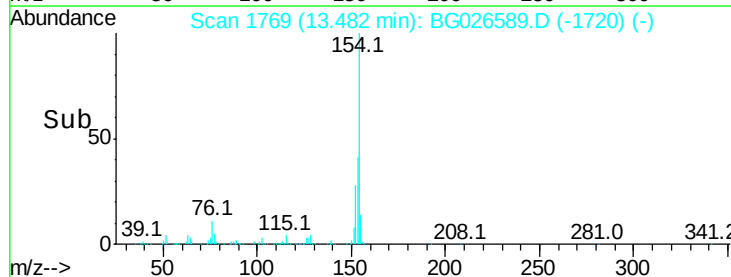
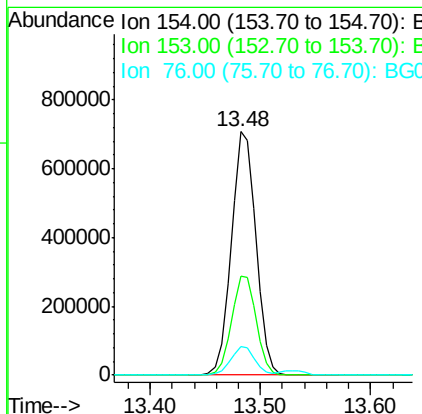
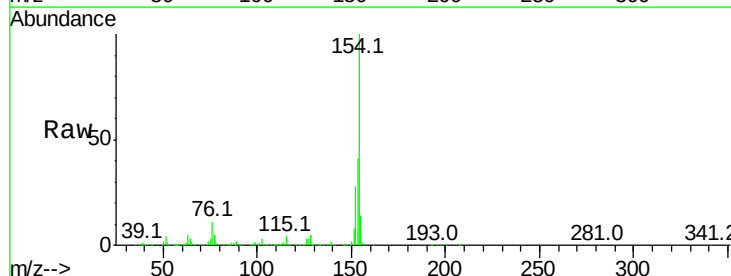
Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.2	48.2
170	25.8	21.8	32.6

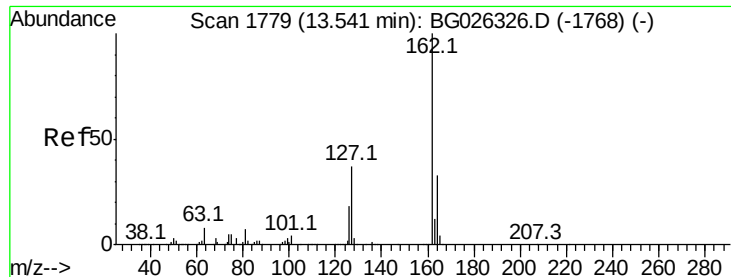


#45
 1,1'-Biphenyl
 Concen: 30.00 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion:154 Resp: 1103970

Ion	Ratio	Lower	Upper
154	100		
153	40.8	23.0	63.0
76	11.5	0.0	33.5

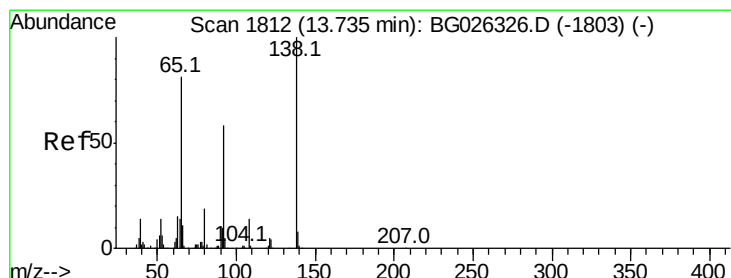
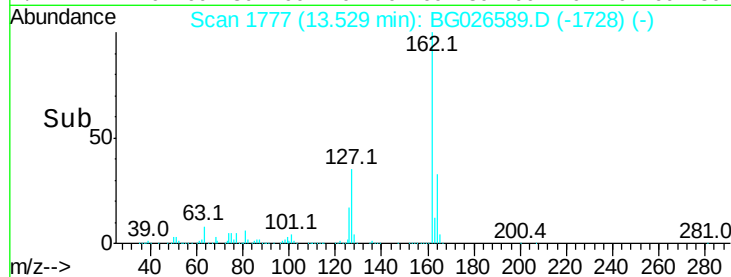
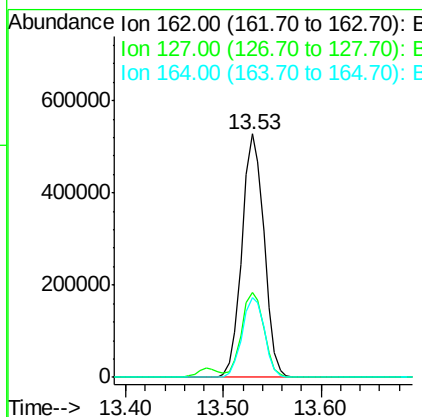
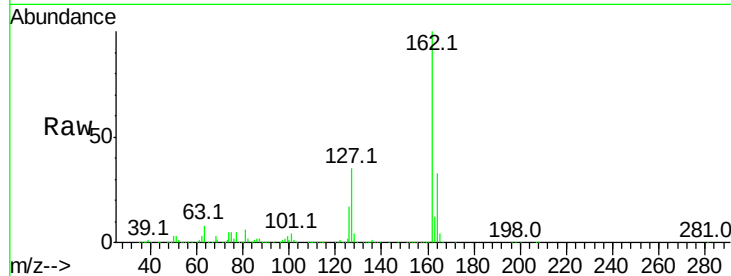




#46
 2-Chloronaphthalene
 Concen: 31.04 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

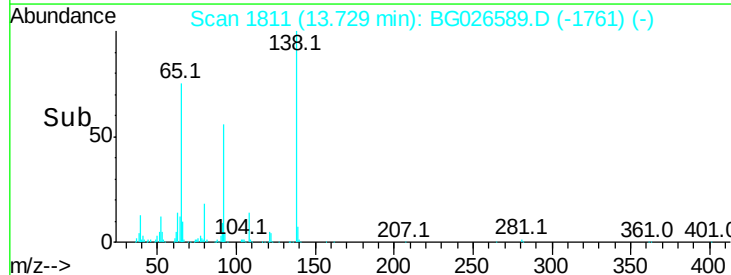
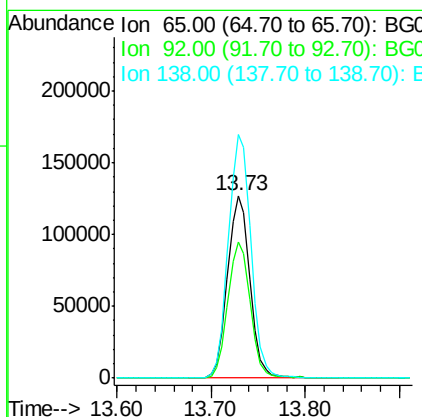
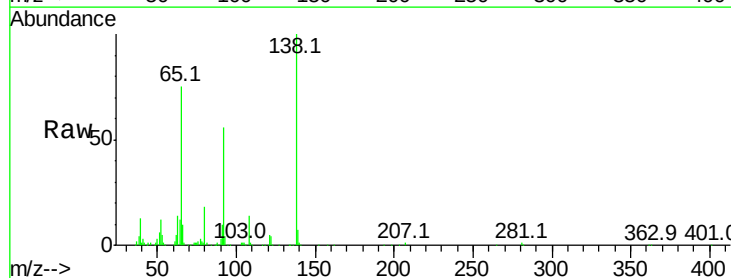
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

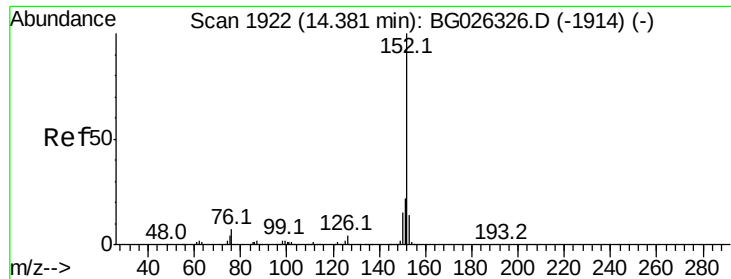
Tot Ion	Ratio	Lower	Upper
162	100		
127	34.6	32.2	48.4
164	32.8	27.3	40.9



#47
 2-Nitroaniline
 Concen: 27.52 ng
 RT: 13.73 min Scan# 1811
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.3	49.0	73.4#
138	133.2	58.6	87.8#





#48

Acenaphthylene

Concen: 29.21 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

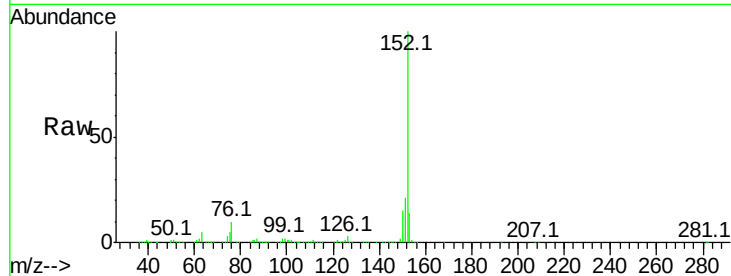
Tot Ion:152 Resp: 1368424

Ion Ratio Lower Upper

152 100

151 21.4 18.2 27.2

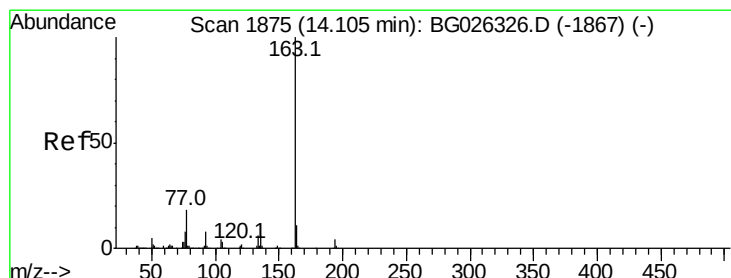
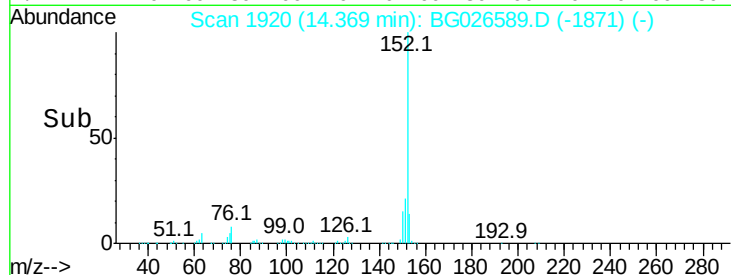
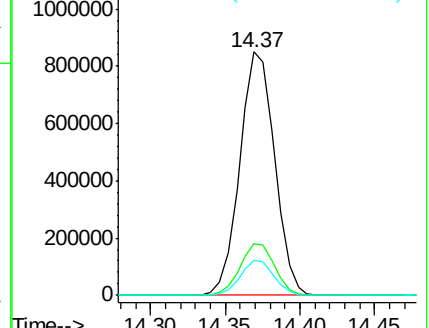
153 14.4 11.3 16.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 32.61 ng

RT: 14.10 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

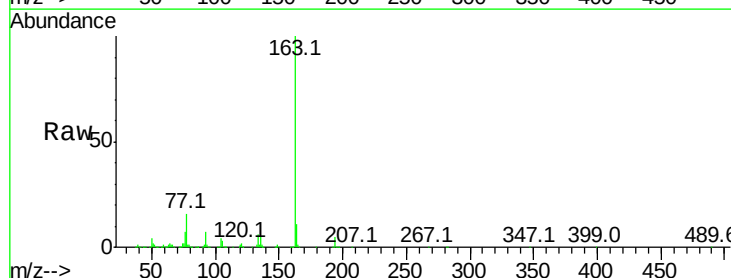
Tgt Ion:163 Resp: 1093807

Ion Ratio Lower Upper

163 100

194 4.7 3.8 5.6

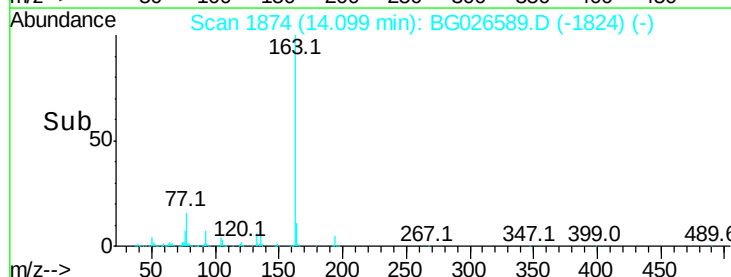
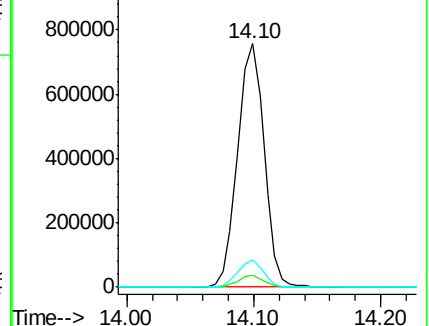
164 11.1 9.3 13.9

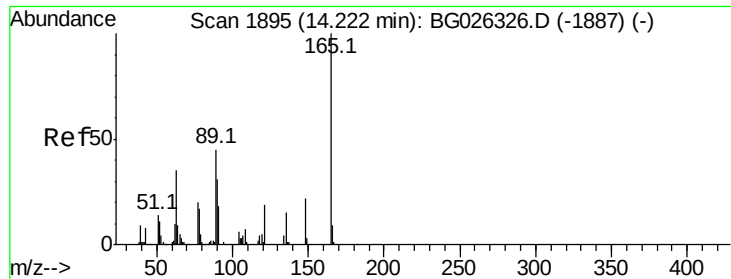


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

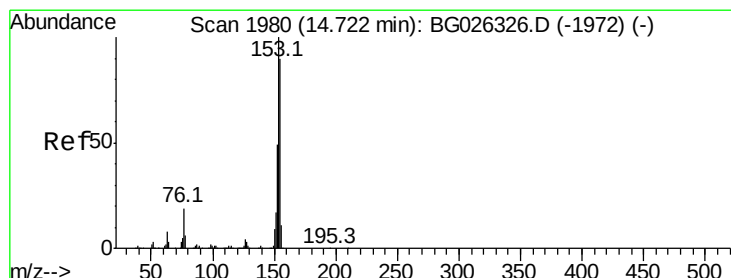
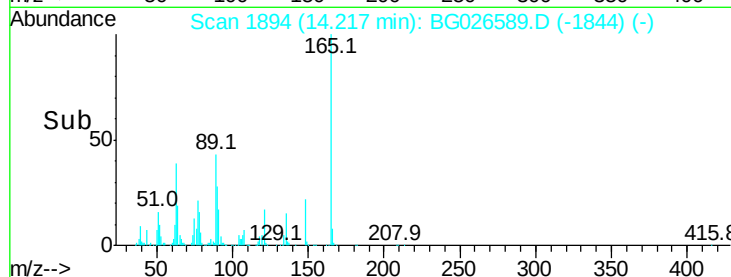
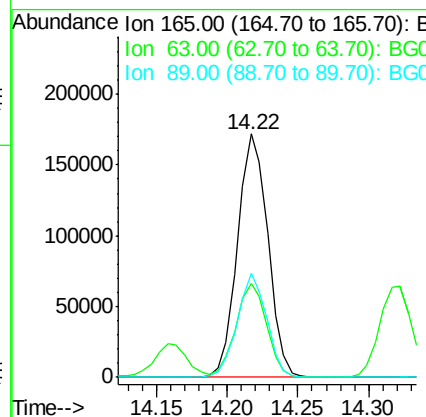
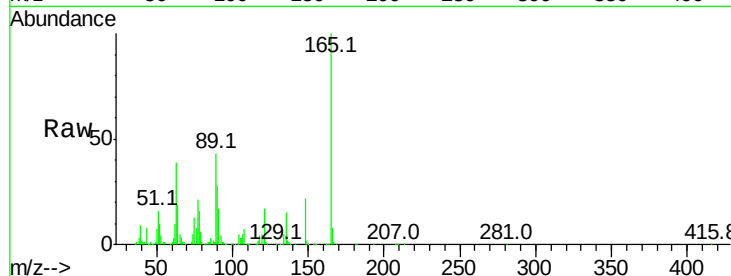




#50
2,6-Dinitrotoluene
Concen: 32.92 ng
RT: 14.22 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

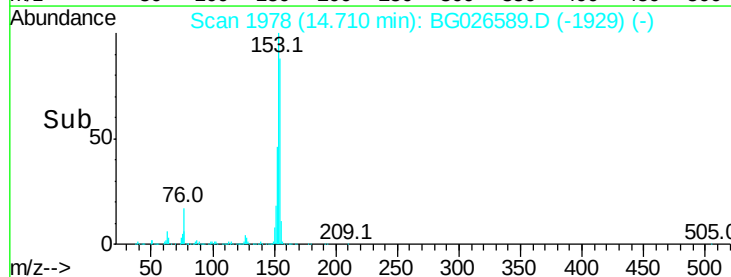
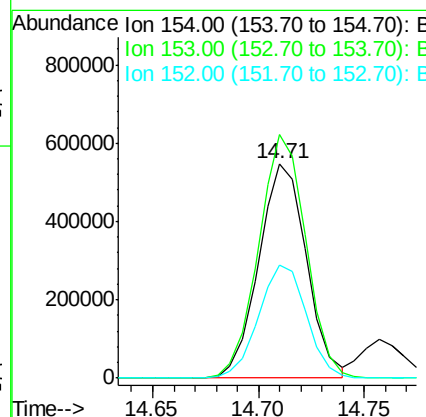
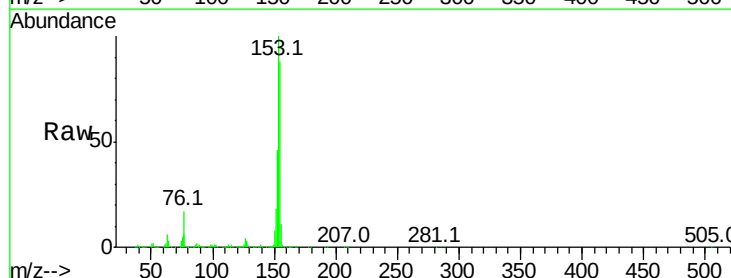
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

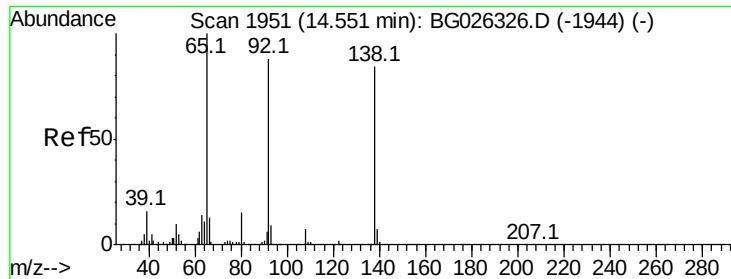
Tot Ion:165 Resp: 257709
Ion Ratio Lower Upper
165 100
63 38.6 63.9 95.9#
89 42.8 58.6 88.0#



#51
Acenaphthene
Concen: 29.79 ng
RT: 14.71 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:154 Resp: 859562
Ion Ratio Lower Upper
154 100
153 113.3 87.8 131.6
152 52.5 42.2 63.4

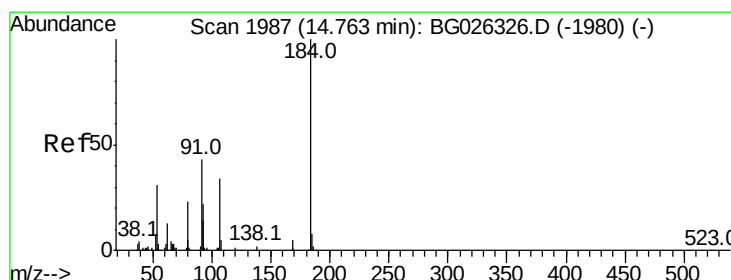
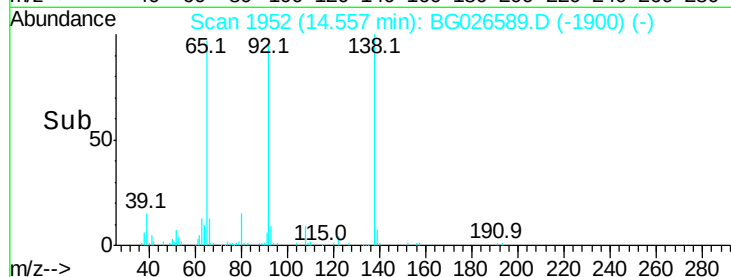
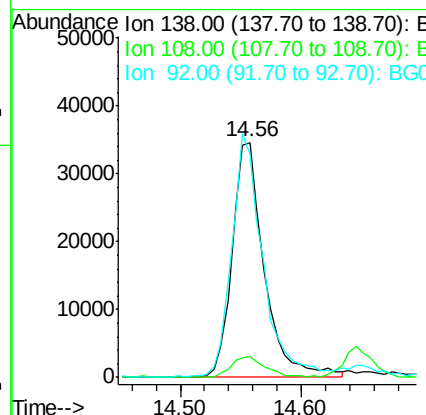
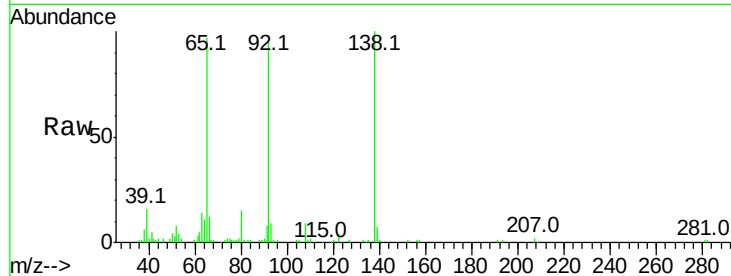




#52
3-Nitroaniline
Concen: 7.43 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

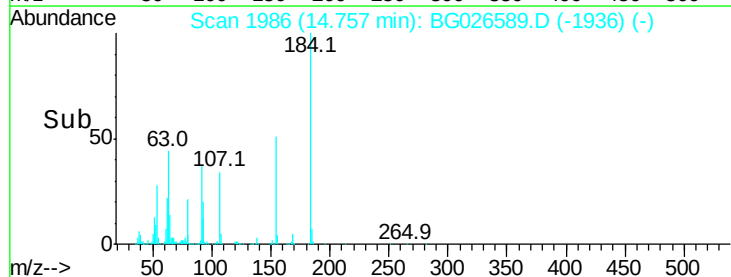
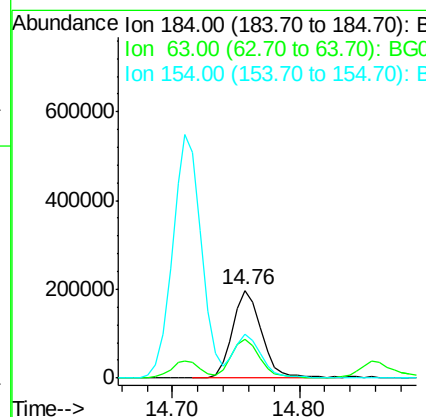
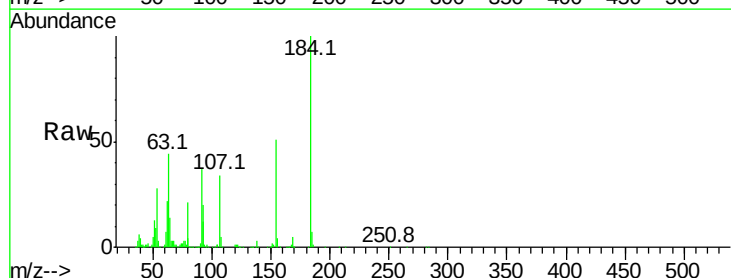
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

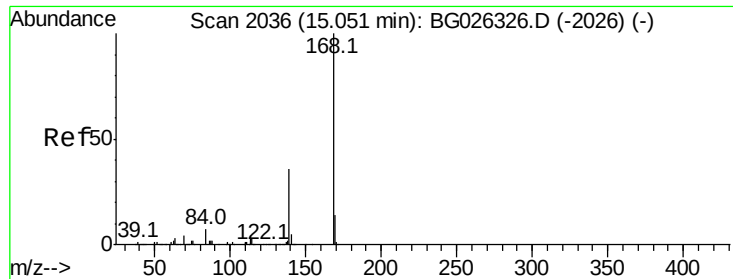
Tot Ion:138 Resp: 64062
Ion Ratio Lower Upper
138 100
108 8.8 10.9 16.3#
92 94.9 115.3 172.9#



#53
2,4-Dinitrophenol
Concen: 68.86 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:184 Resp: 312706
Ion Ratio Lower Upper
184 100
63 43.9 52.7 79.1#
154 50.5 57.3 85.9#





#54

Dibenzofuran

Concen: 33.42 ng

RT: 15.04 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

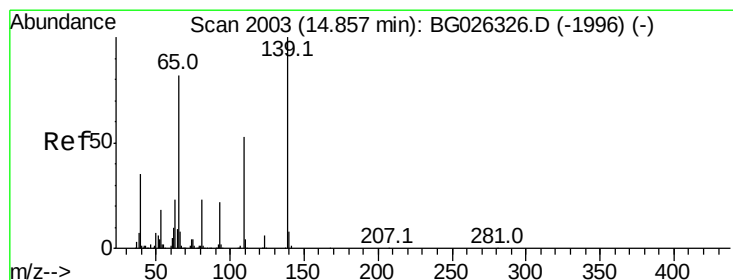
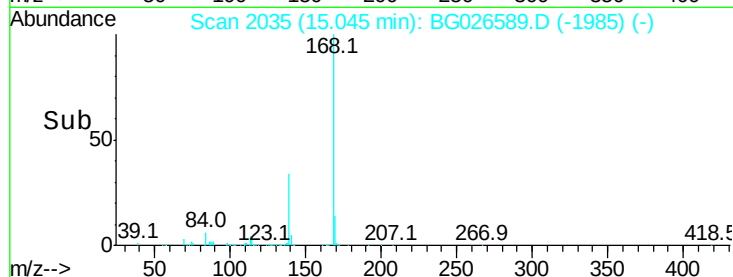
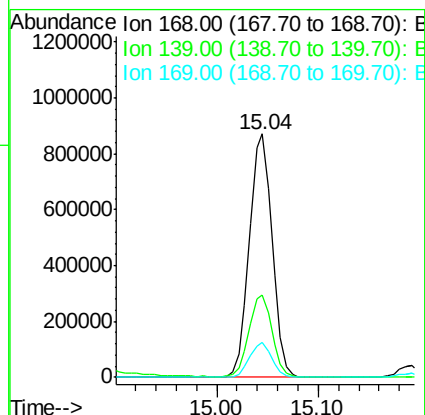
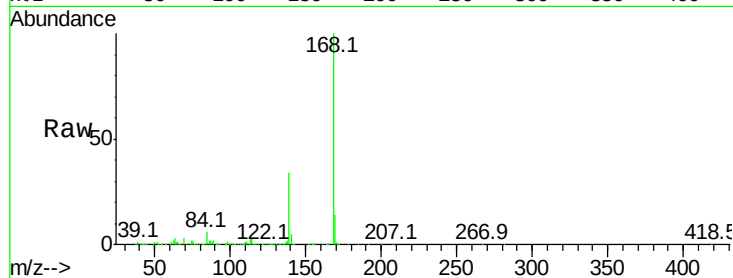
Tot Ion:168 Resp: 1357678

Ion	Ratio	Lower	Upper
168	100		
139	33.8	35.3	52.9#
169	14.2	11.5	17.3

168 100

139 33.8 35.3 52.9#

169 14.2 11.5 17.3



#55

4-Nitrophenol

Concen: 54.74 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

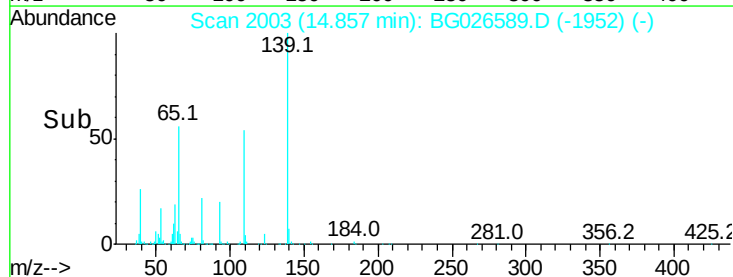
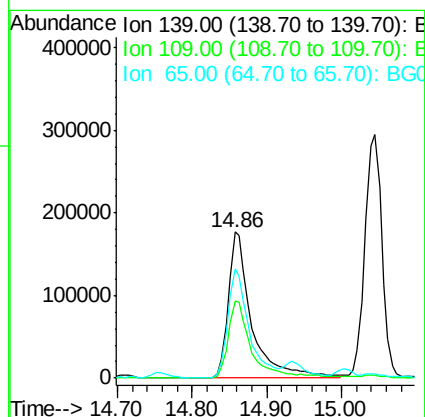
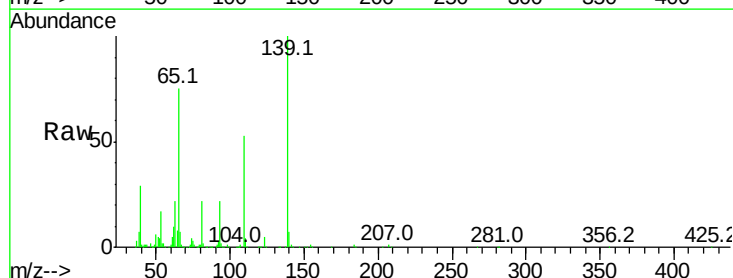
Tgt Ion:139 Resp: 386376

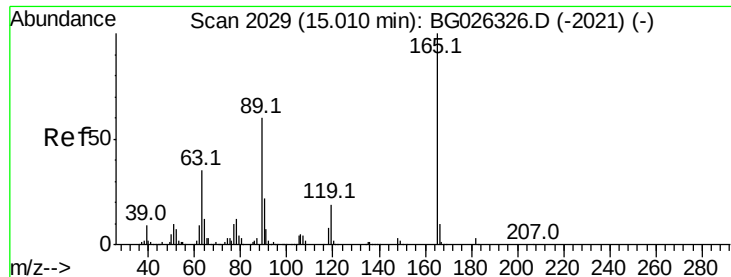
Ion	Ratio	Lower	Upper
139	100		
109	52.9	101.2	141.2#
65	74.6	135.3	175.3#

139 100

109 52.9 101.2 141.2#

65 74.6 135.3 175.3#

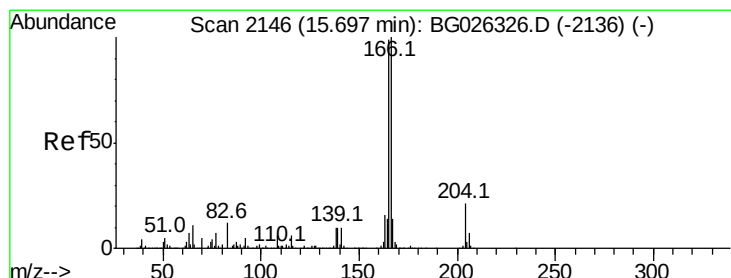
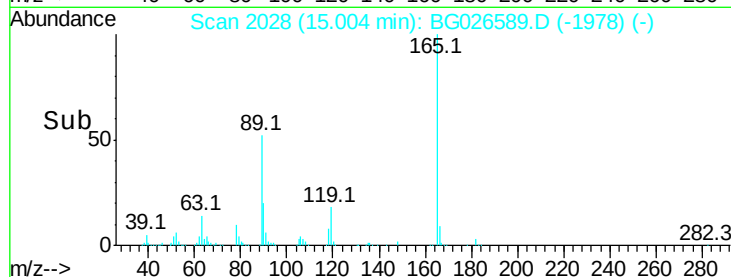
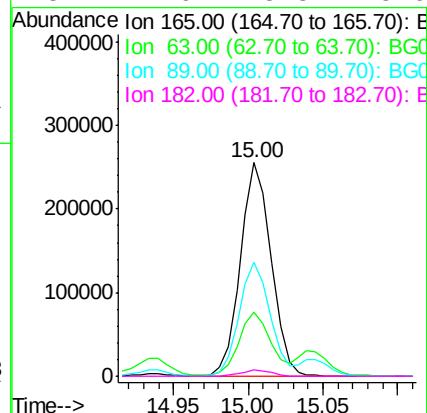
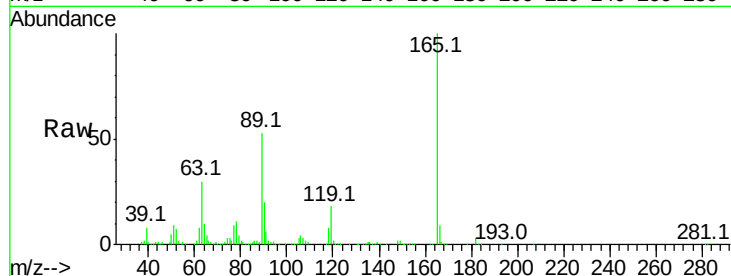




#56
2,4-Dinitrotoluene
Concen: 33.12 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

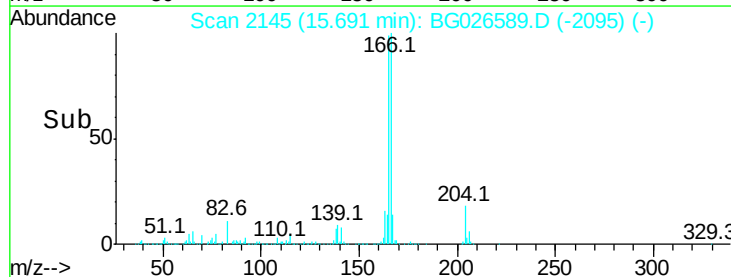
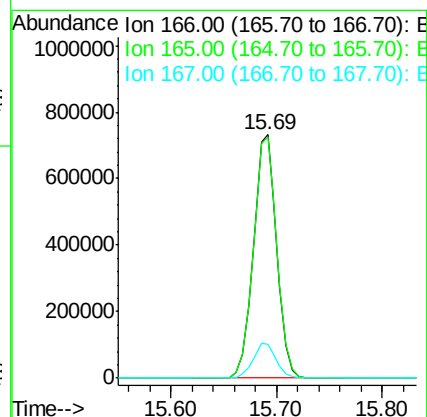
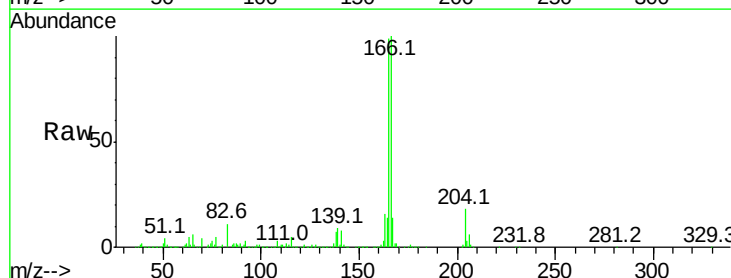
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

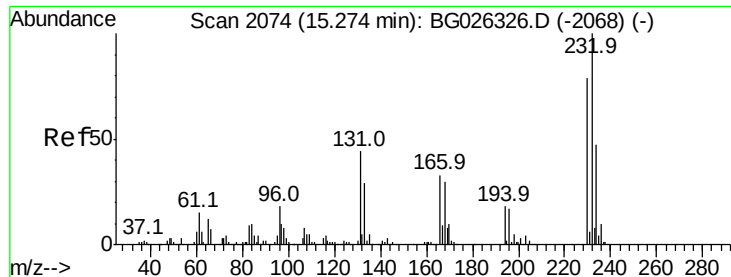
Tot Ion:165 Resp: 364601
Ion Ratio Lower Upper
165 100
63 29.9 44.0 66.0#
89 53.3 67.3 100.9#
182 2.9 3.8 5.6#



#57
Fluorene
Concen: 30.86 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:166 Resp: 1115487
Ion Ratio Lower Upper
166 100
165 98.9 78.6 117.8
167 13.9 11.6 17.4

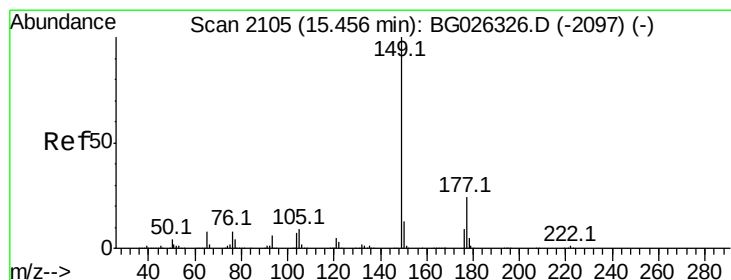
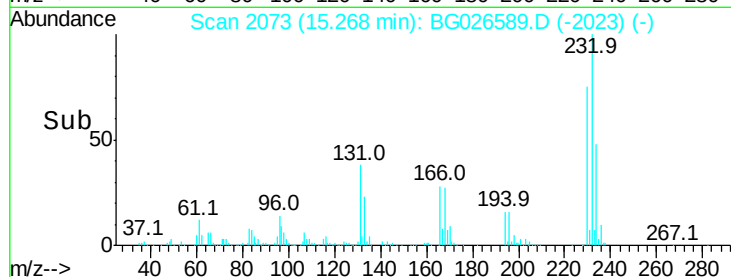
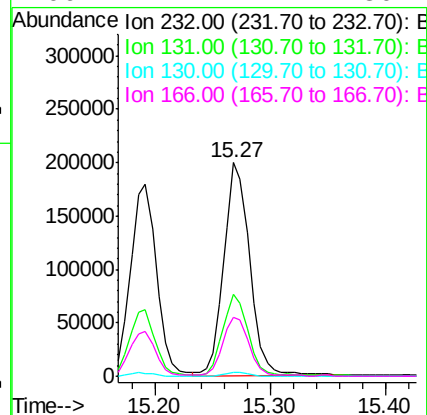
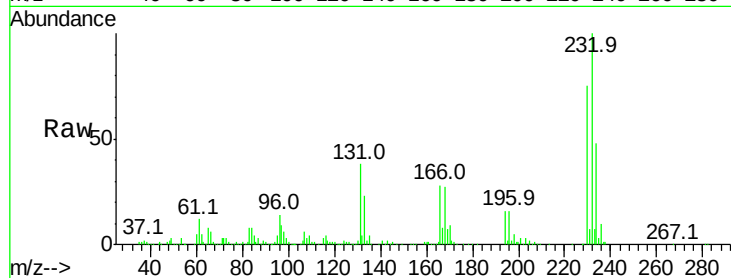




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 36.71 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

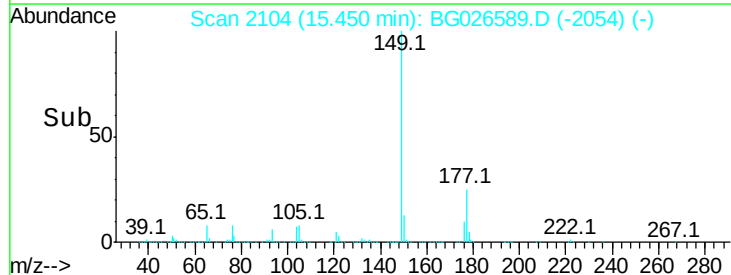
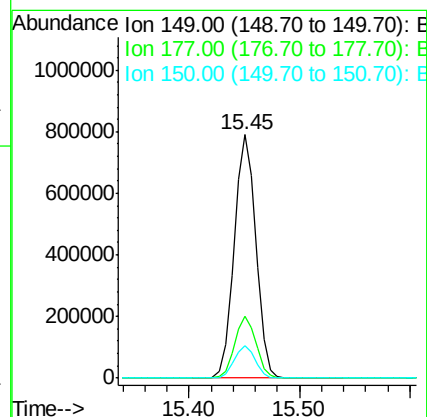
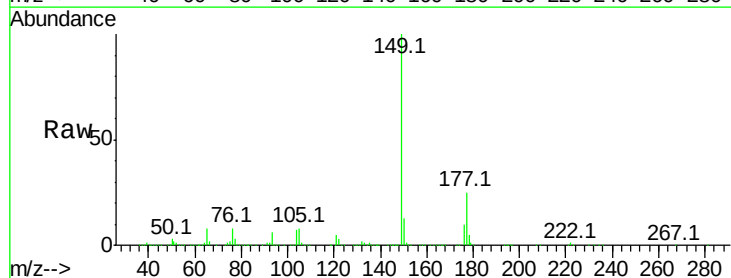
Instrument :
 BNA_G
 ClientSampleId :
 RT3456-275030MSD

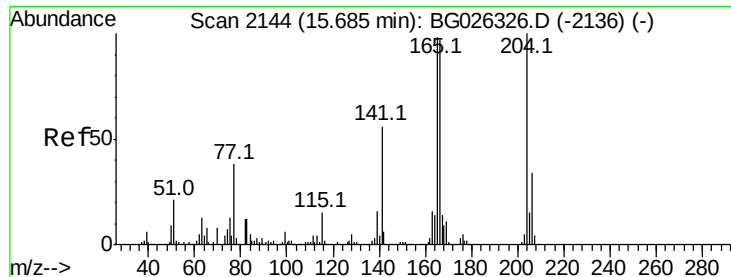
Tot Ion:232 Resp: 309753
 Ion Ratio Lower Upper
 232 100
 131 37.7 34.9 52.3
 130 2.0 2.3 3.5#
 166 27.4 24.2 36.4



#59
 Diethylphthalate
 Concen: 31.77 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG026589.D
 Acq: 7 Apr 2017 6:33

Tgt Ion:149 Resp: 1088961
 Ion Ratio Lower Upper
 149 100
 177 25.5 20.1 30.1
 150 13.3 10.2 15.2

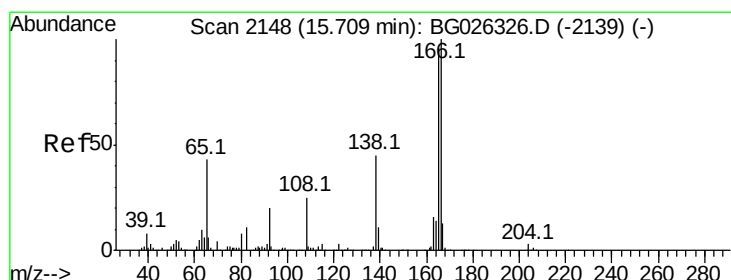
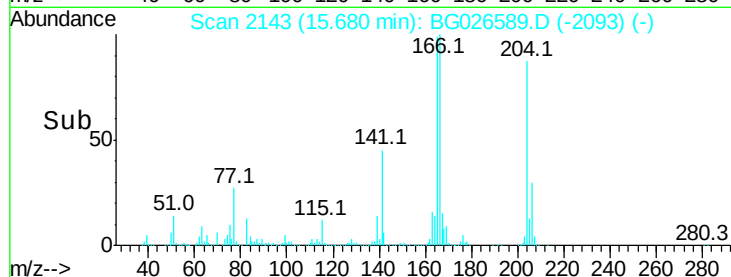
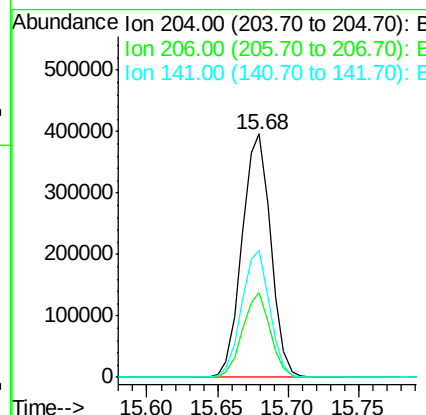
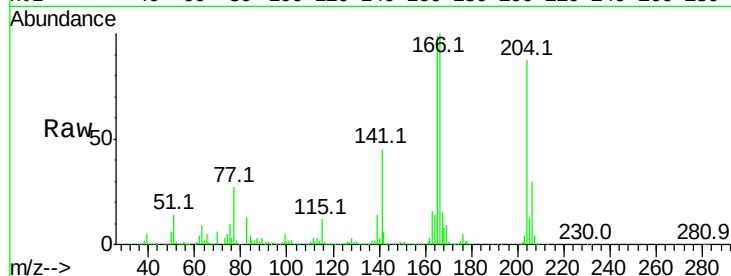




#60
4-Chlorophenyl-phenylether
Concen: 32.80 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

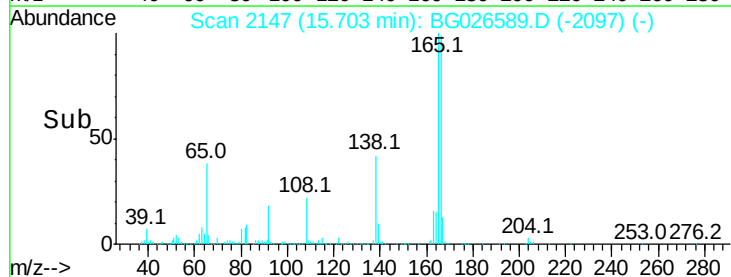
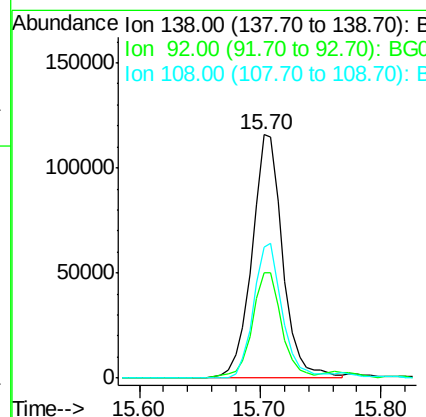
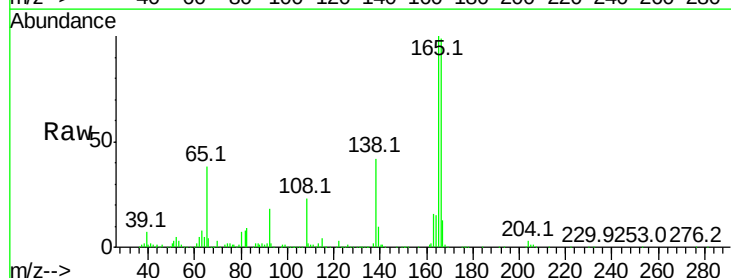
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

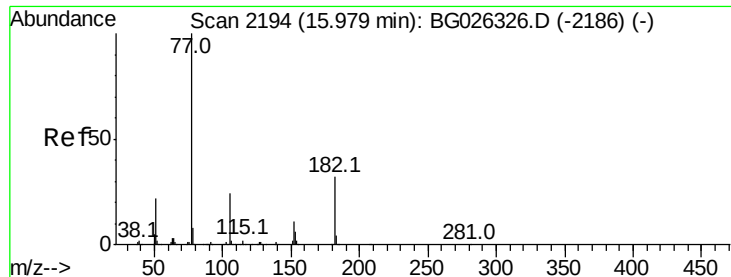
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	30.1	45.1
141	52.1	50.6	76.0



#61
4-Nitroaniline
Concen: 22.62 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.0	44.2	84.2#
108	53.9	104.8	144.8#

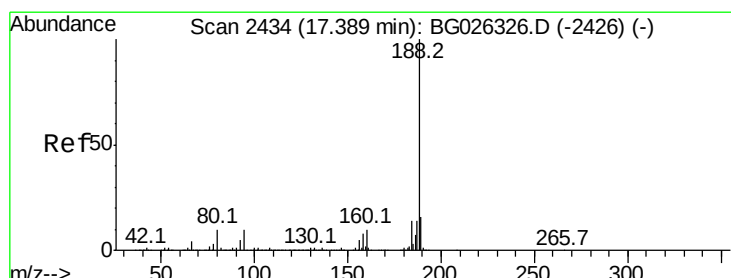
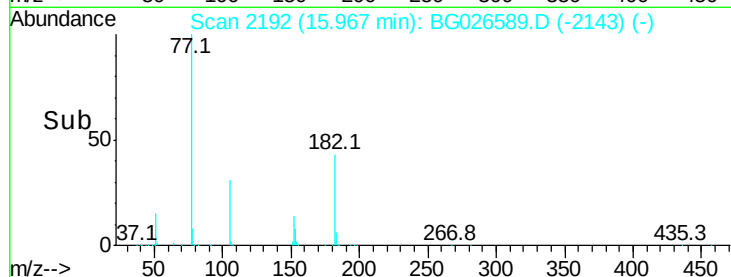
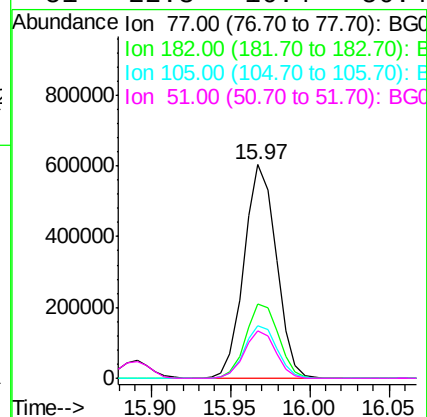
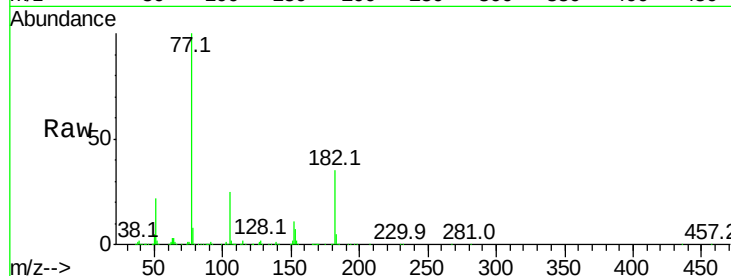




#62
Azobenzene
Concen: 30.53 ng
RT: 15.97 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

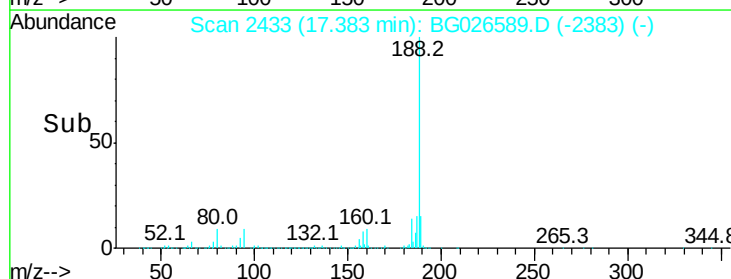
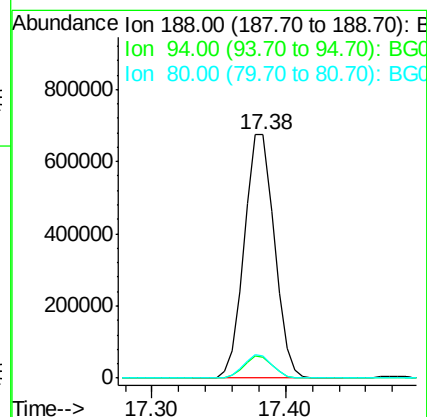
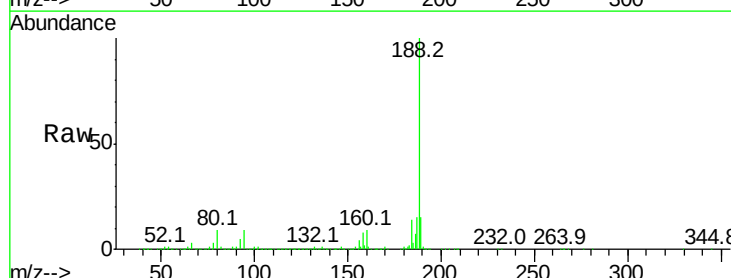
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

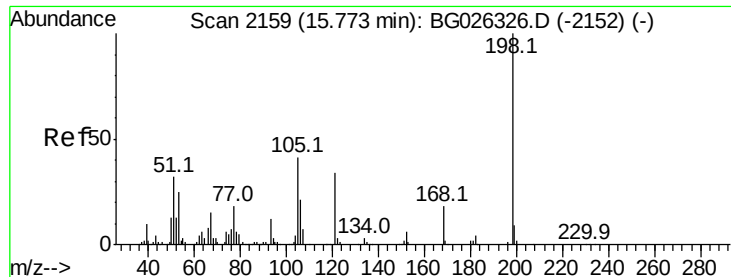
Tot Ion	Ratio	Lower	Upper
77	100		
182	34.7	4.7	44.7
105	24.6	0.0	36.3
51	22.3	16.4	56.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.6	5.8	8.8
80	9.0	7.5	11.3





#64

4,6-Dinitro-2-methylphenol

Concen: 34.79 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

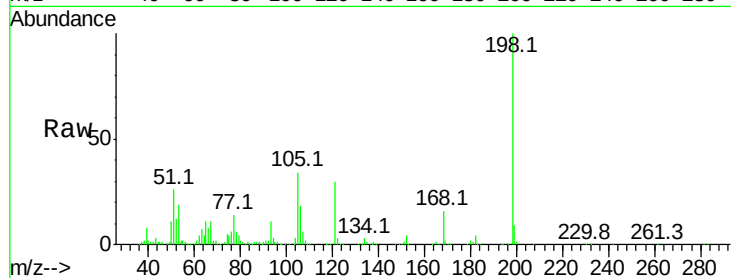
Tot Ion:198 Resp: 230693

Ion Ratio Lower Upper

198 100

51 25.9 22.6 62.6

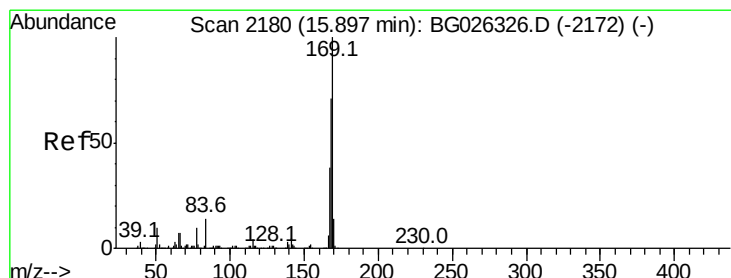
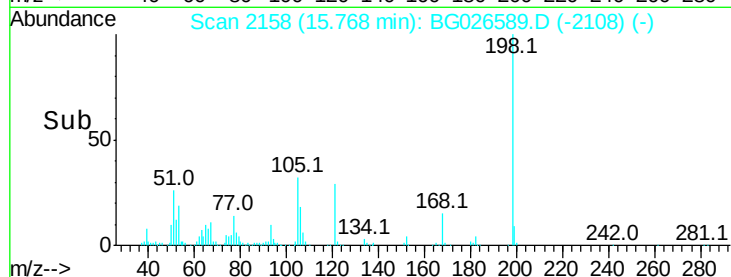
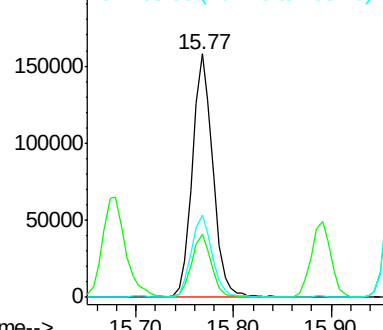
105 34.0 14.4 54.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 27.16 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

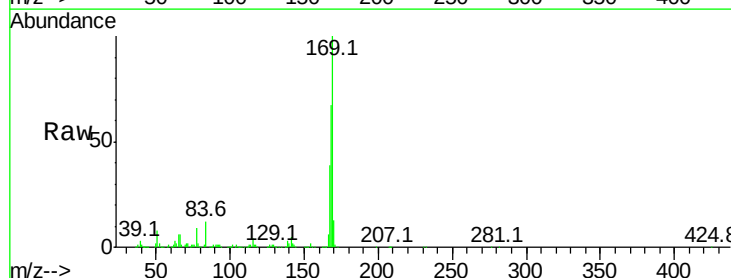
Tgt Ion:169 Resp: 838426

Ion Ratio Lower Upper

169 100

168 66.7 55.7 83.5

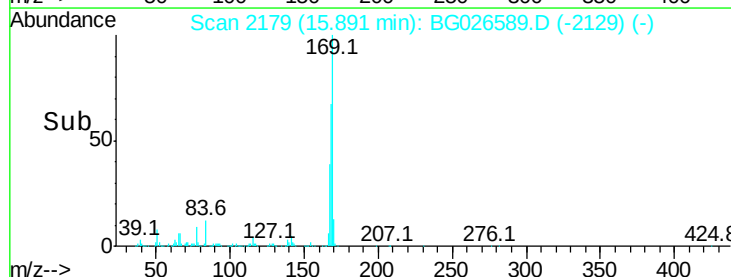
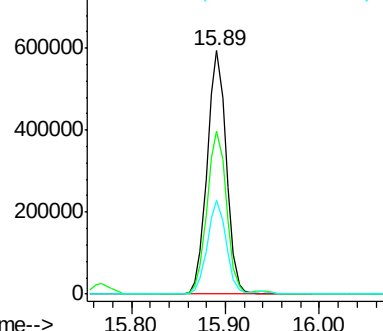
167 38.6 29.8 44.6

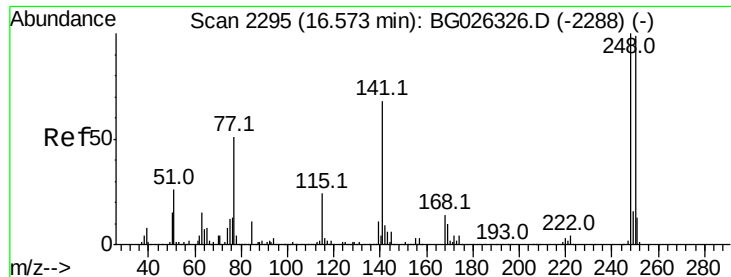


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

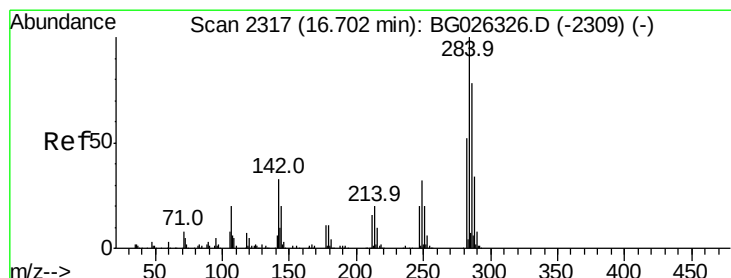
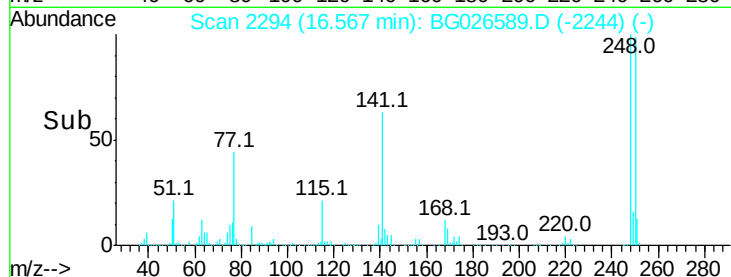
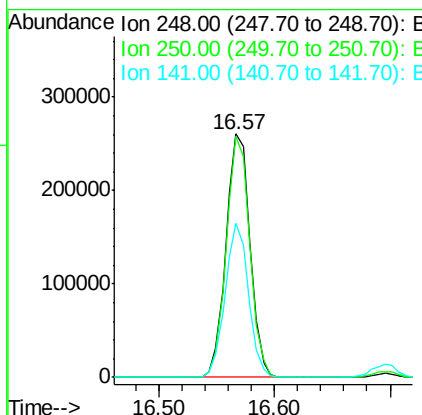
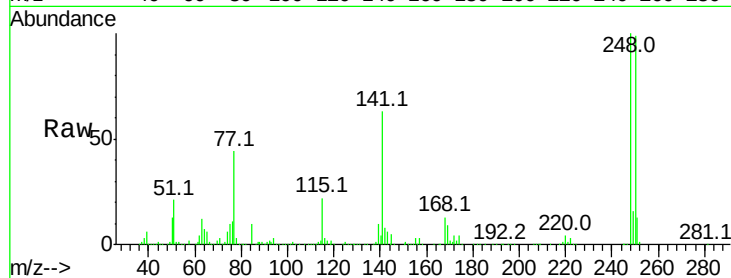




#66
4-Bromophenyl-phenylether
Concen: 34.58 ng
RT: 16.57 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

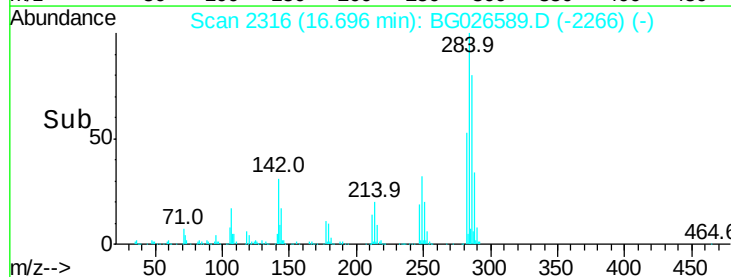
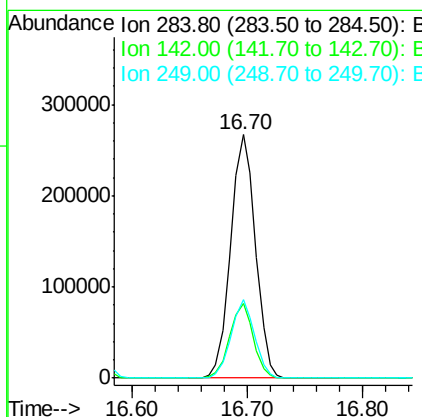
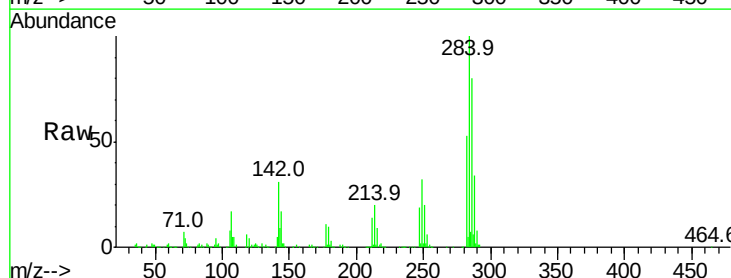
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

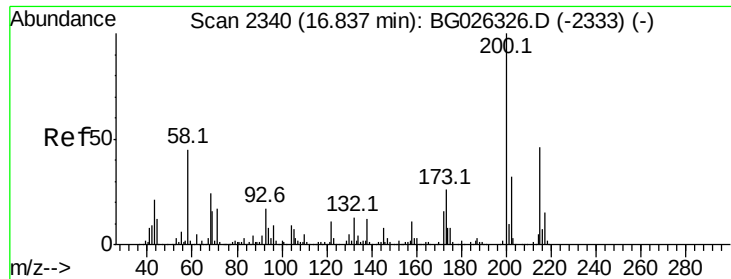
Tot Ion	Ratio	Lower	Upper
248	100		
250	99.2	75.0	112.6
141	63.4	55.2	82.8



#67
Hexachlorobenzene
Concen: 34.27 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.5	29.9	44.9
249	32.1	29.2	43.8





#68

Atrazine

Concen: 10.96 ng

RT: 16.84 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

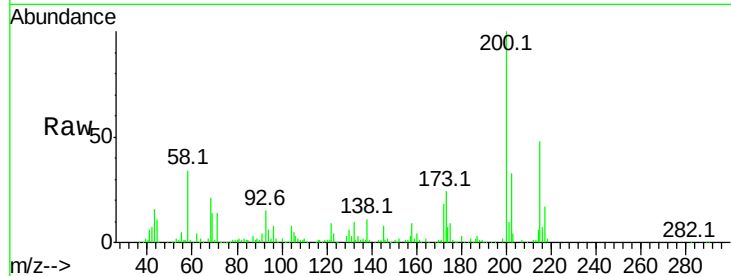
Tot Ion:200 Resp: 128093

Ion Ratio Lower Upper

200 100

173 24.4 3.0 43.0

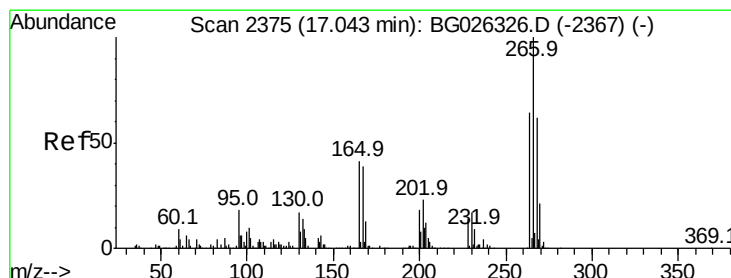
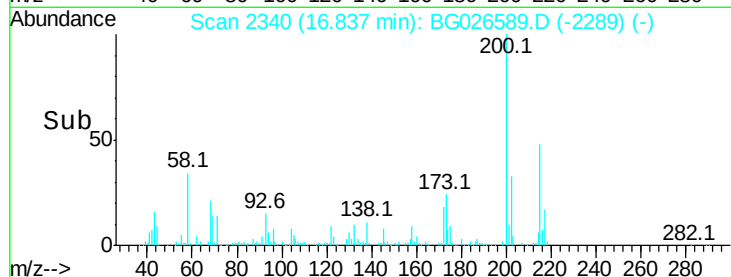
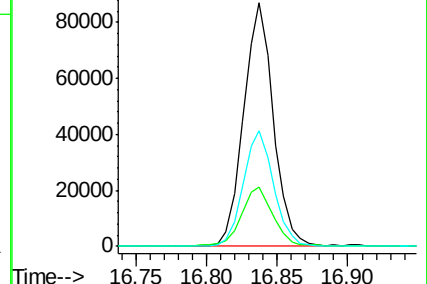
215 47.6 28.4 68.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 67.50 ng

RT: 17.04 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

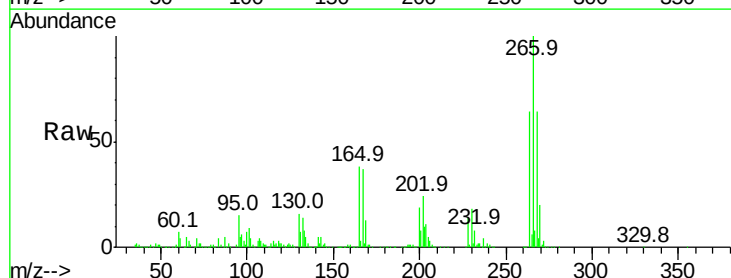
Tgt Ion:266 Resp: 506810

Ion Ratio Lower Upper

266 100

268 63.8 48.6 72.8

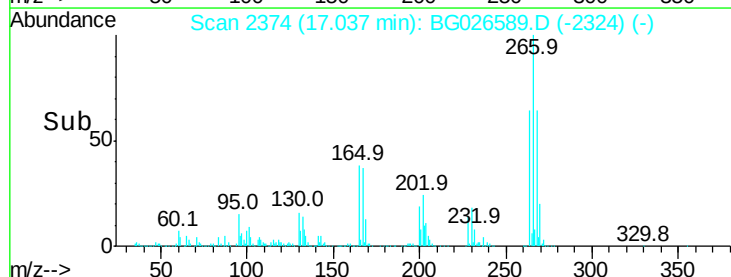
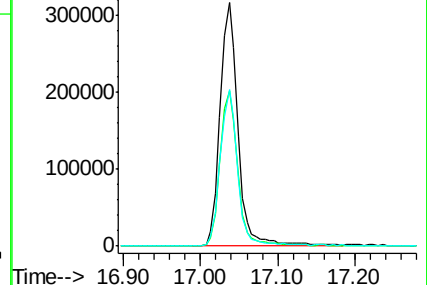
264 64.4 50.1 75.1

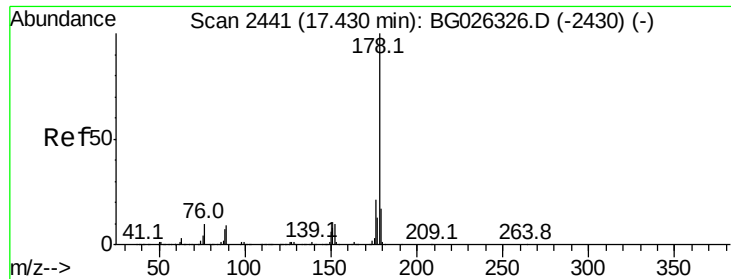


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 30.96 ng

RT: 17.42 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

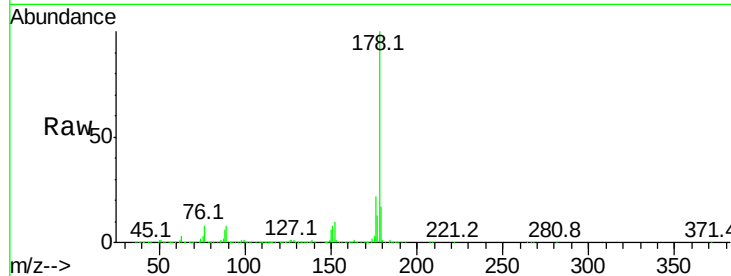
Tot Ion:178 Resp: 1748596

Ion	Ratio	Lower	Upper
178	100		
176	21.7	17.7	26.5
179	16.9	15.0	22.6

178 100

176 21.7 17.7 26.5

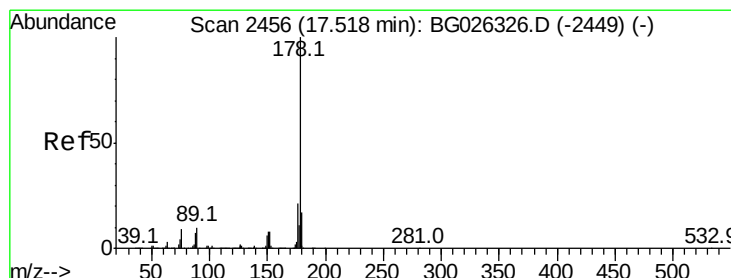
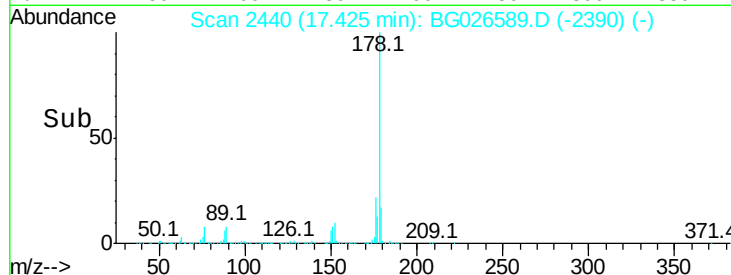
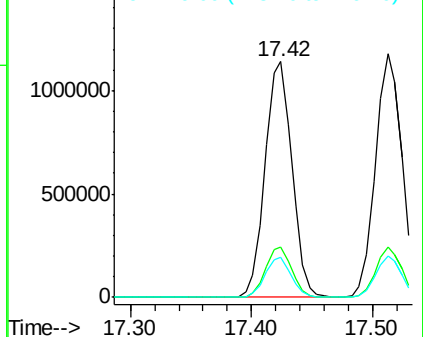
179 16.9 15.0 22.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 31.30 ng

RT: 17.51 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

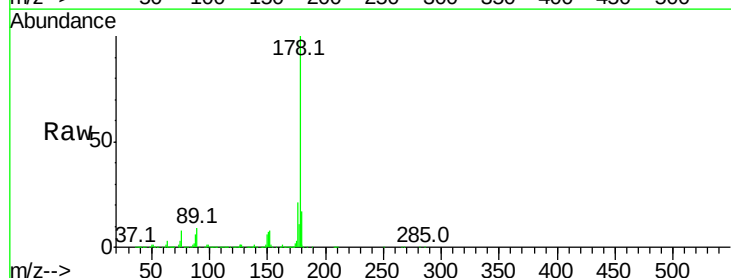
Tgt Ion:178 Resp: 1803746

Ion	Ratio	Lower	Upper
178	100		
176	20.7	16.4	24.6
179	17.0	13.8	20.8

178 100

176 20.7 16.4 24.6

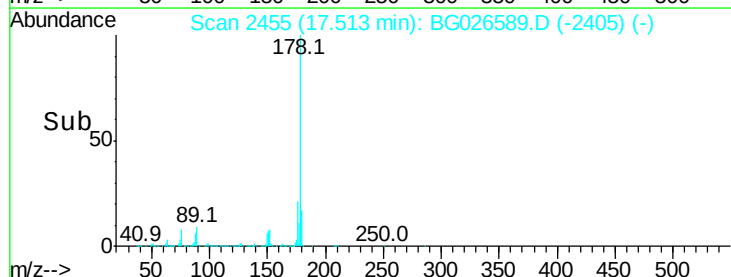
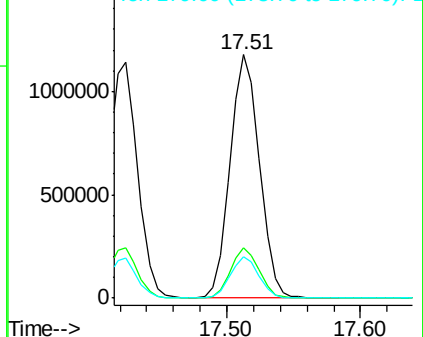
179 17.0 13.8 20.8

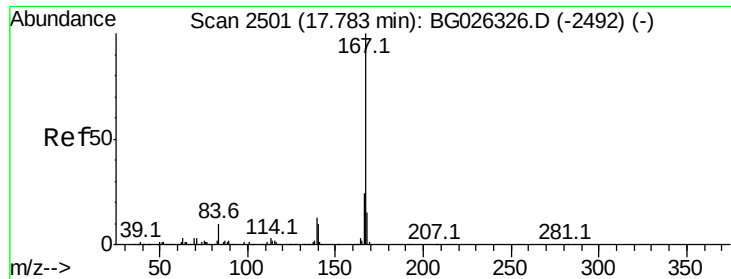


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 22.80 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

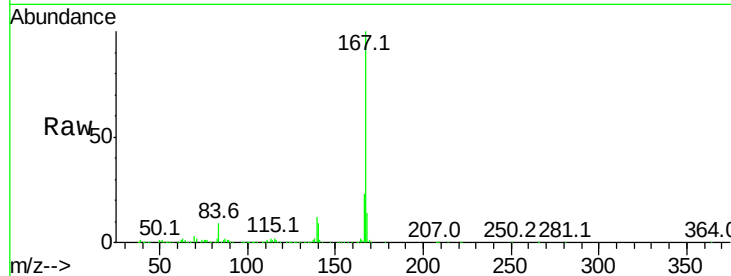
BNA_G

ClientSampleId :

RT3456-275030MSD

Tot Ion:167 Resp: 1352687

Ion	Ratio	Lower	Upper
167	100		
166	23.4	20.2	30.2
139	12.2	12.8	19.2#

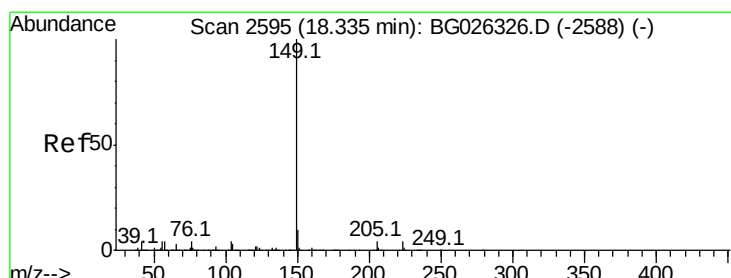
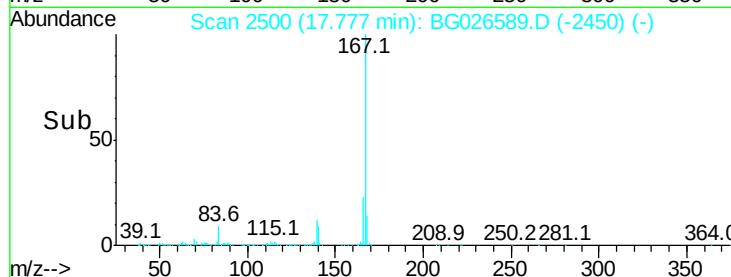
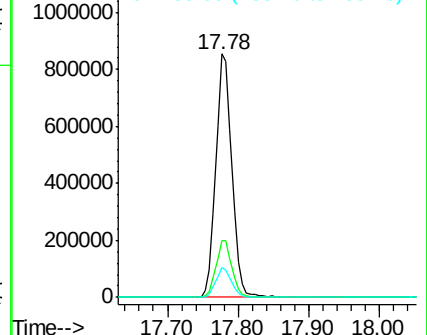


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 30.90 ng

RT: 18.33 min Scan# 2594

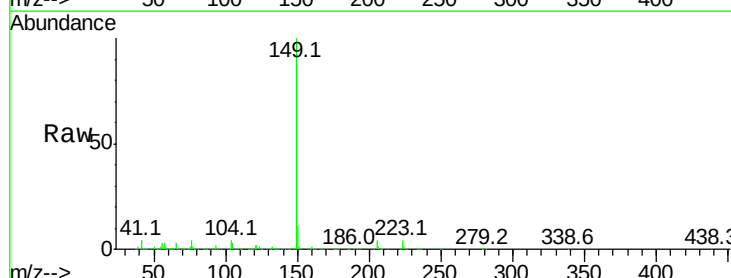
Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Tgt Ion:149 Resp: 1883698

Ion	Ratio	Lower	Upper
149	100		
150	10.6	9.1	13.7
104	4.4	6.7	10.1#

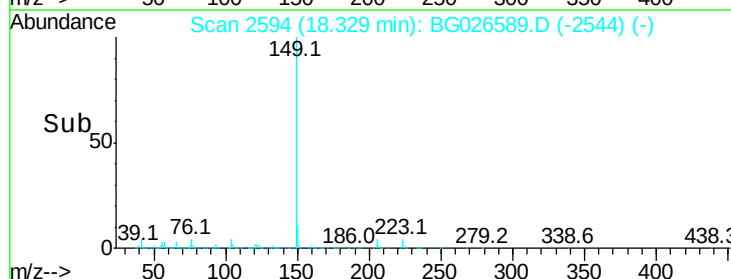
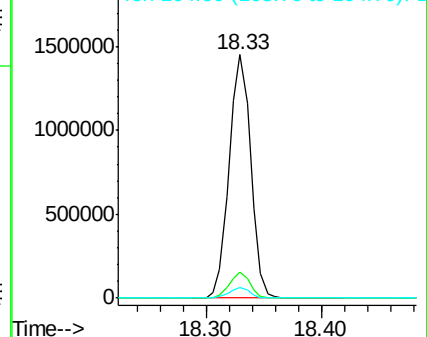


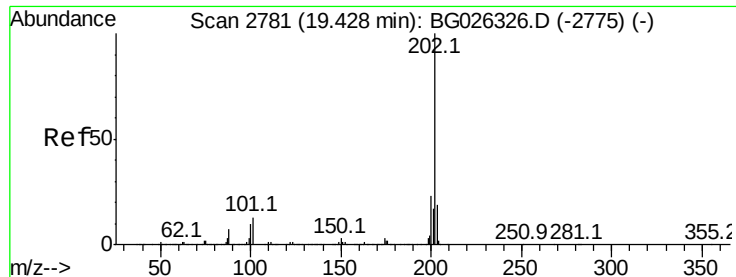
Abundance

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: 31.25 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

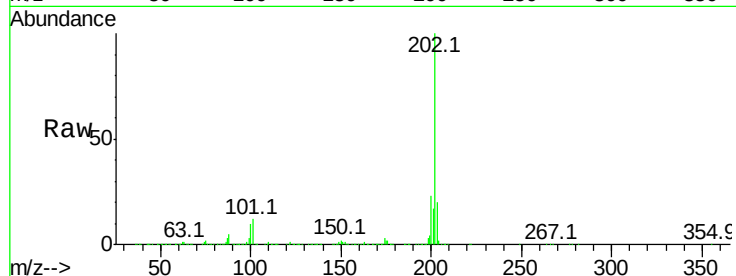
Tot Ion:202 Resp: 2075743

Ion Ratio Lower Upper

202 100

101 12.0 0.0 30.1

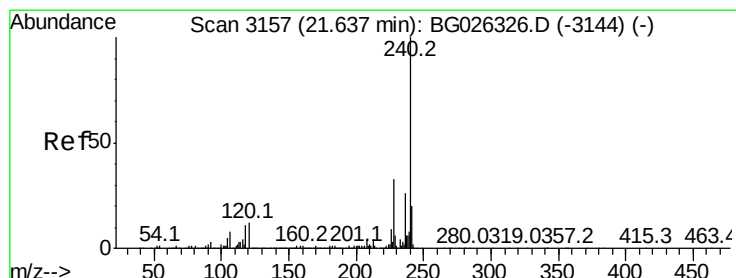
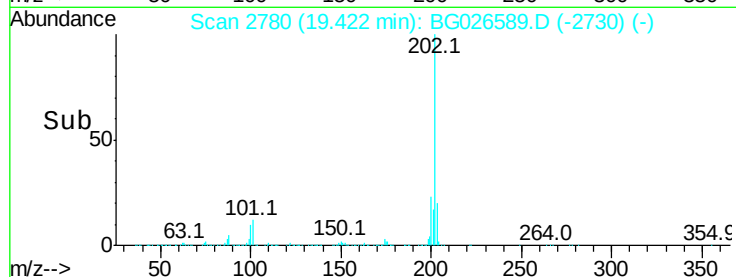
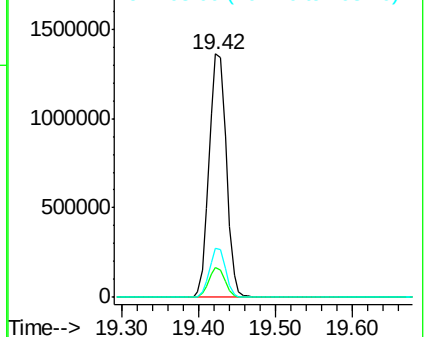
203 20.0 1.3 41.3



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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

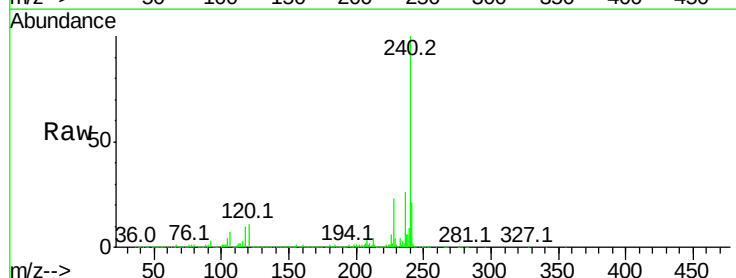
Tgt Ion:240 Resp: 1201115

Ion Ratio Lower Upper

240 100

120 10.9 5.7 8.5#

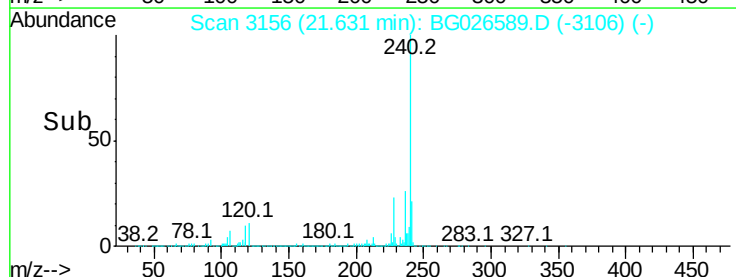
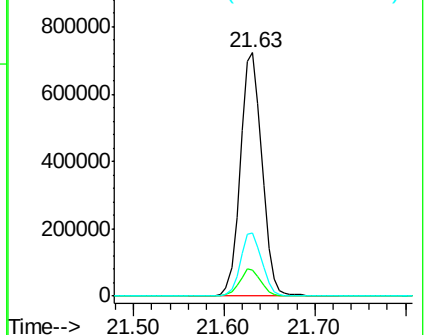
236 26.0 22.2 33.4

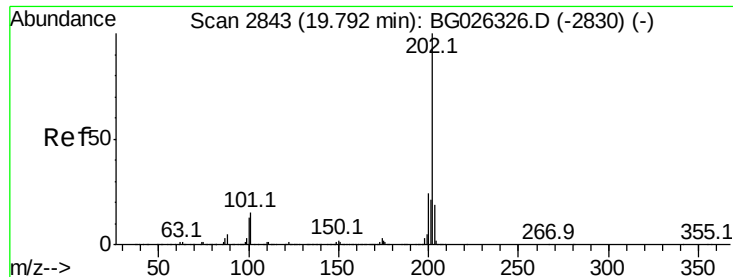


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 30.33 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

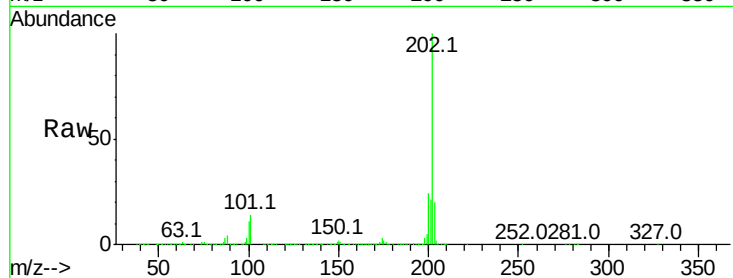
Tot Ion:202 Resp: 2109518

Ion Ratio Lower Upper

202 100

200 23.7 19.6 29.4

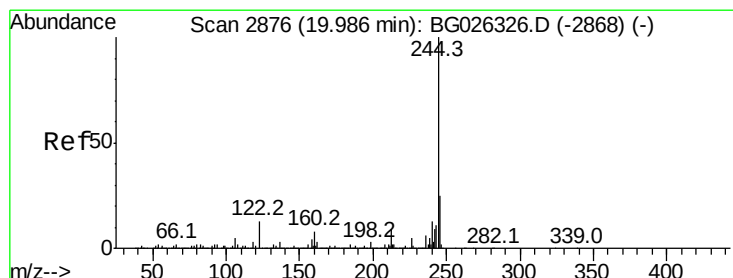
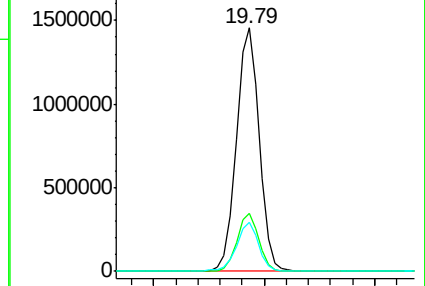
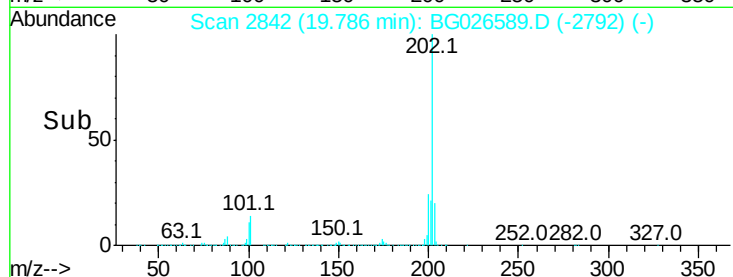
203 20.2 15.8 23.8



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: 55.19 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

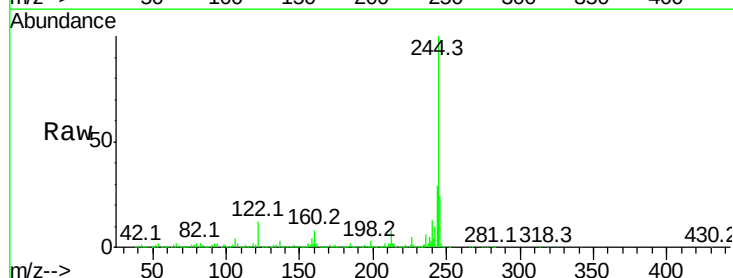
Tgt Ion:244 Resp: 2729795

Ion Ratio Lower Upper

244 100

212 8.3 10.0 15.0#

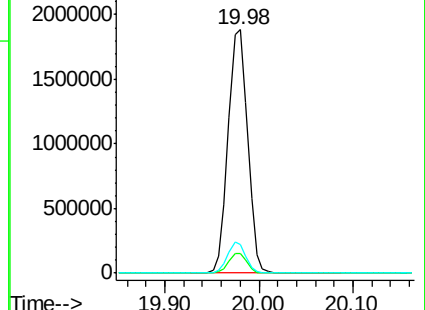
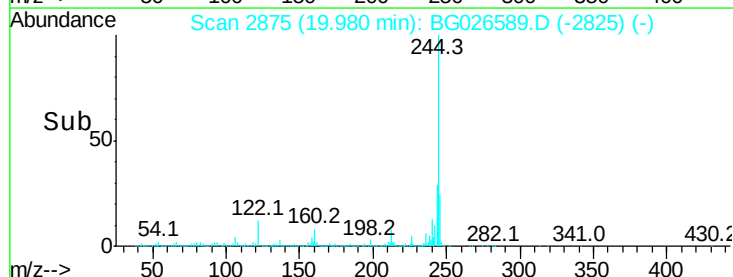
122 12.0 8.6 12.8

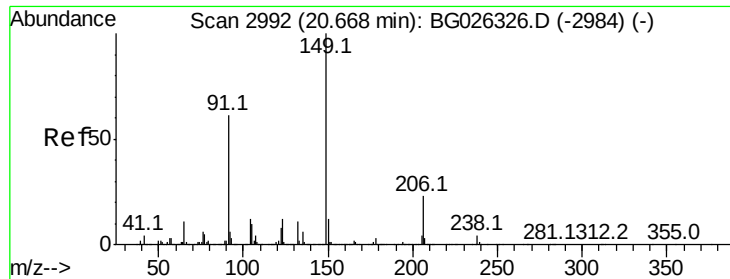


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

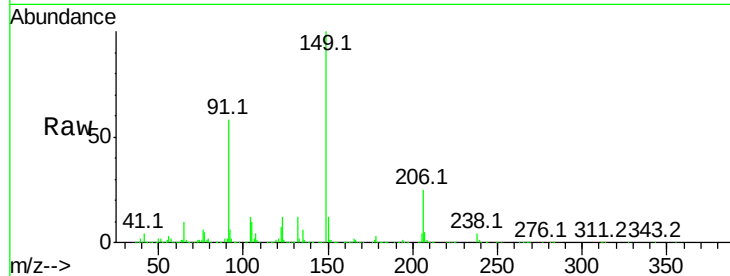




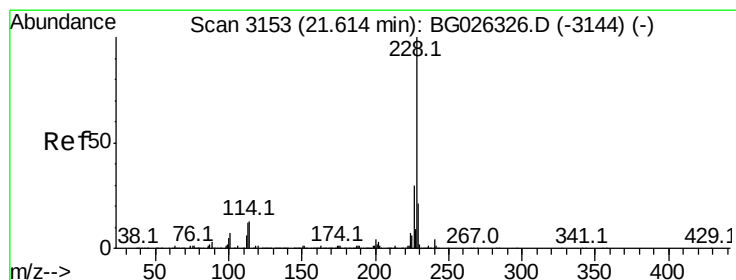
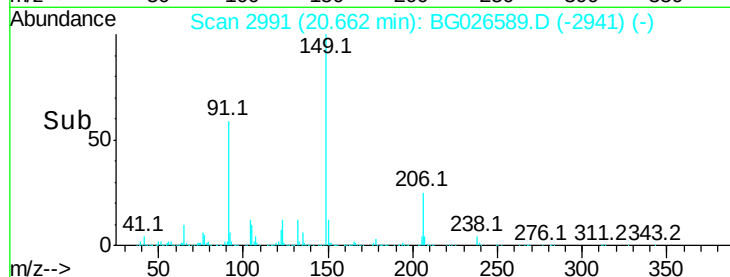
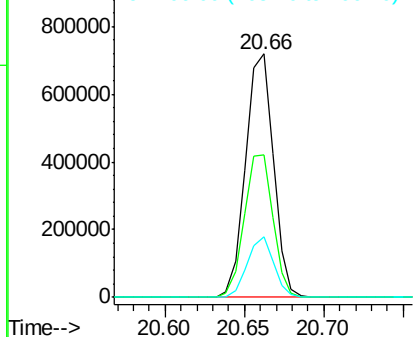
#79
Butylbenzylphthalate
Concen: 31.57 ng
RT: 20.66 min Scan# 2991
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

Tot Ion:149 Resp: 878432
Ion Ratio Lower Upper
149 100
91 58.5 63.5 95.3#
206 24.7 21.0 31.6

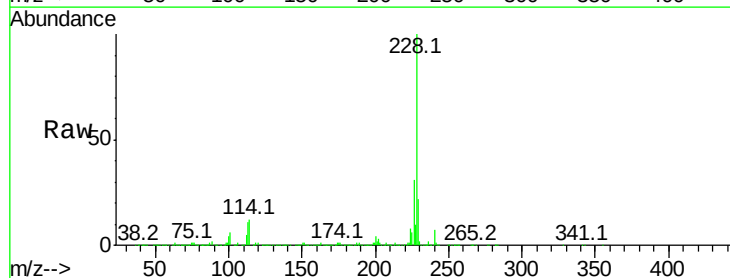


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E

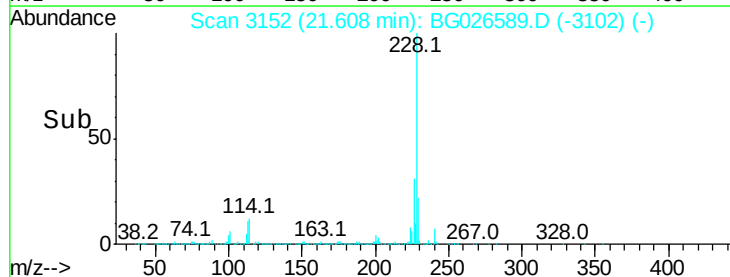
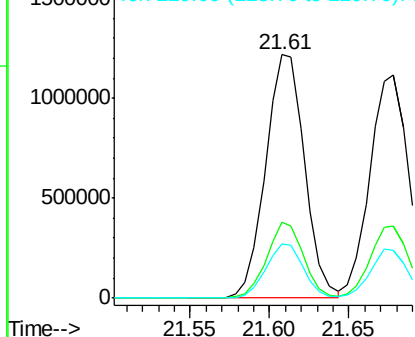


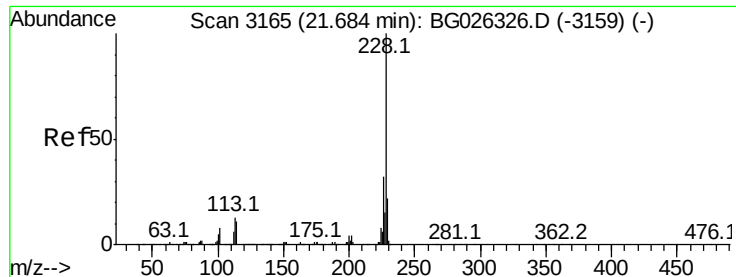
#80
Benzo(a)anthracene
Concen: 30.74 ng
RT: 21.61 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:228 Resp: 2078076
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 22.4 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





#82

Chrysene

Concen: 29.53 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

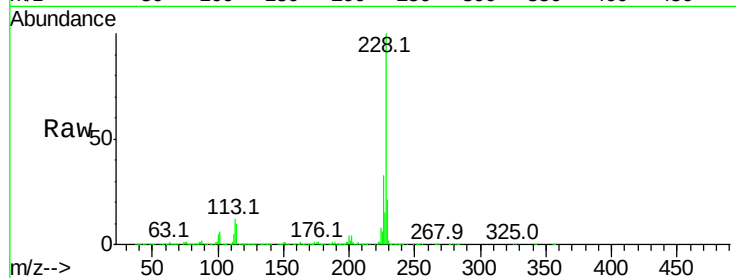
Tot Ion:228 Resp: 1906842

Ion Ratio Lower Upper

228 100

226 32.6 27.0 40.4

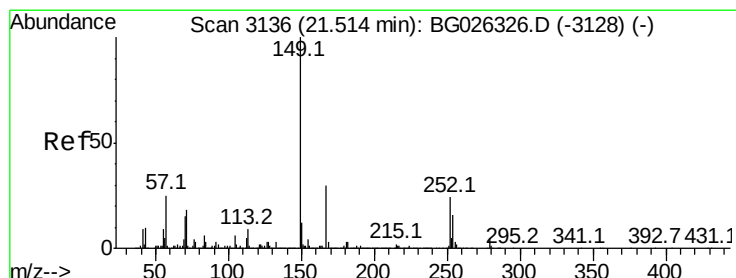
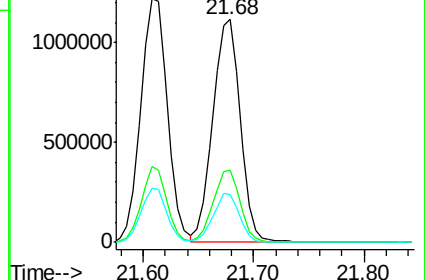
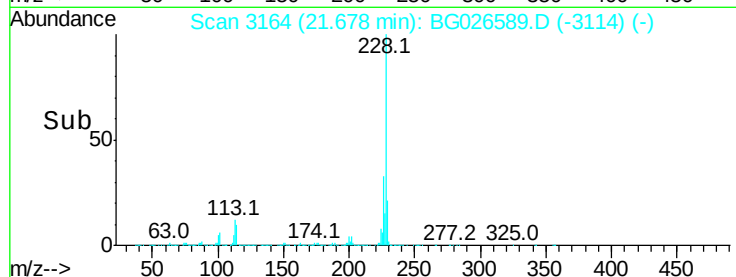
229 21.2 17.8 26.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 29.84 ng

RT: 21.51 min Scan# 3135

Delta R.T. -0.01 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

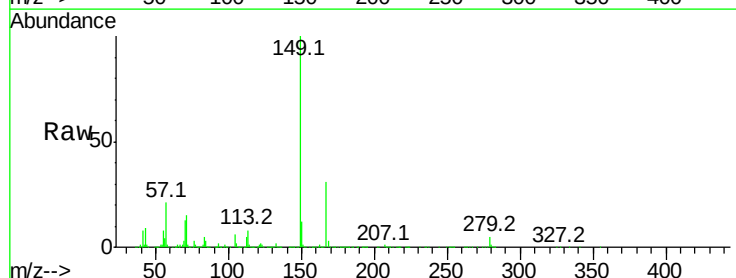
Tgt Ion:149 Resp: 1254151

Ion Ratio Lower Upper

149 100

167 31.0 23.7 35.5

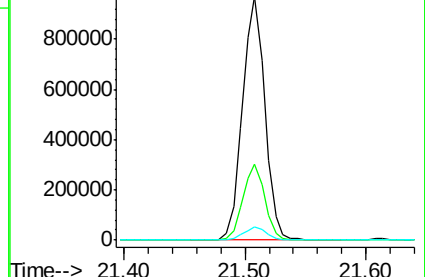
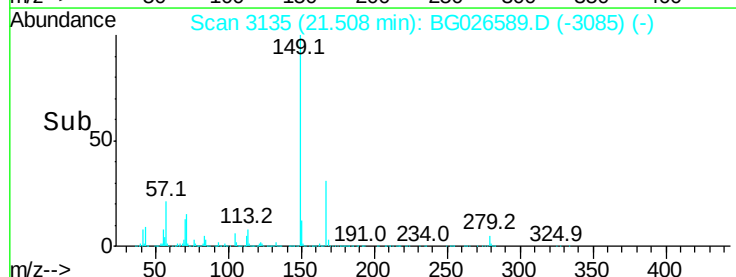
279 5.4 4.6 6.8

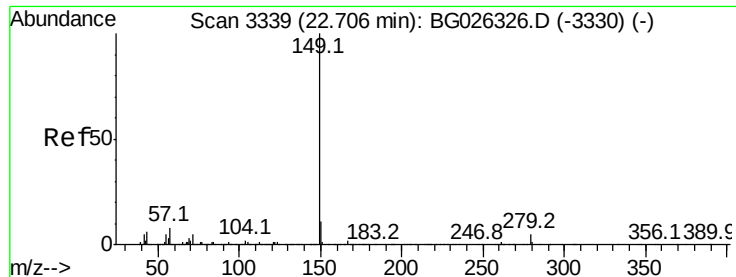


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

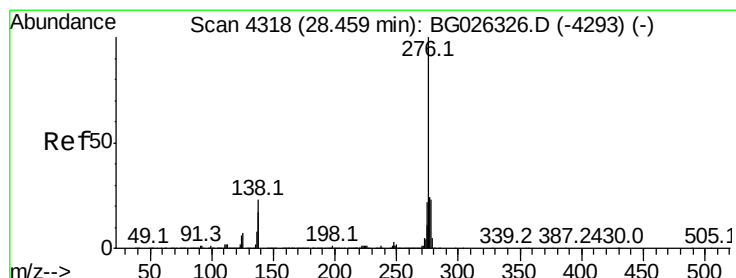
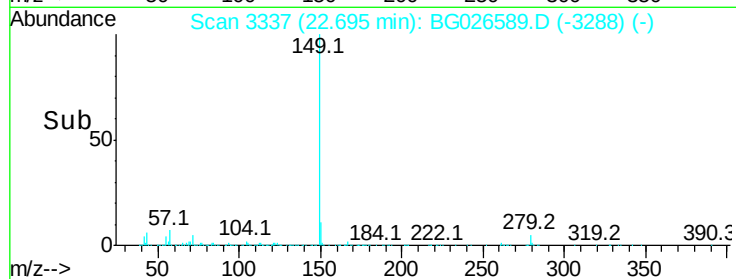
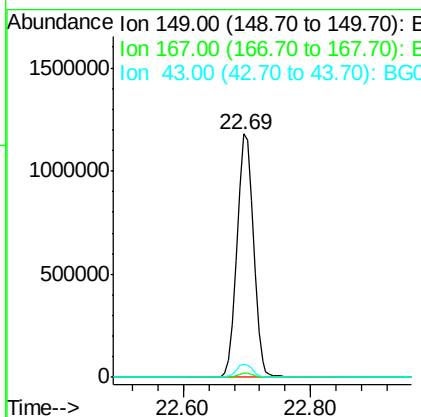
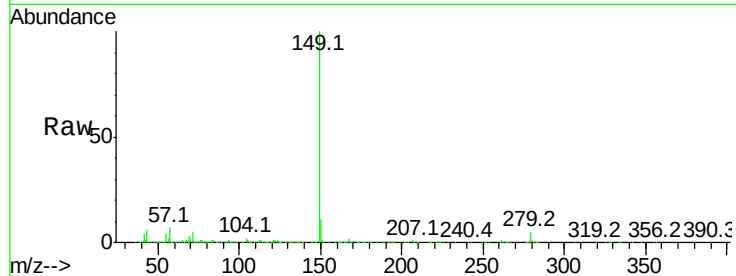




#84
Di-n-octyl phthalate
Concen: 29.20 ng
RT: 22.69 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

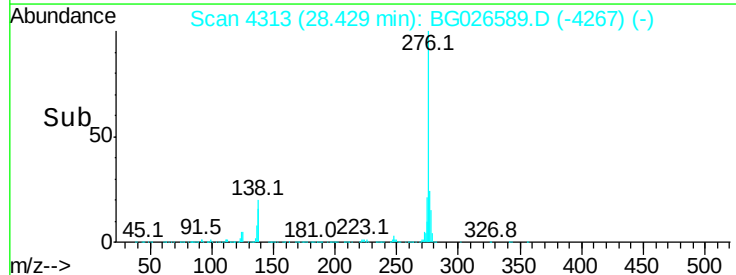
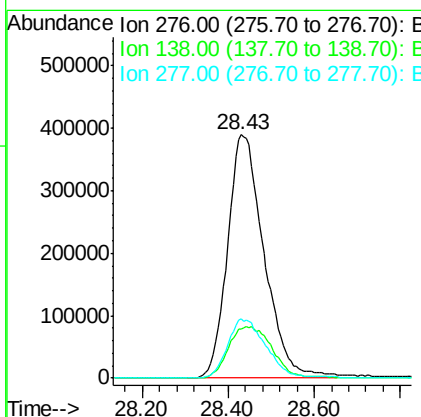
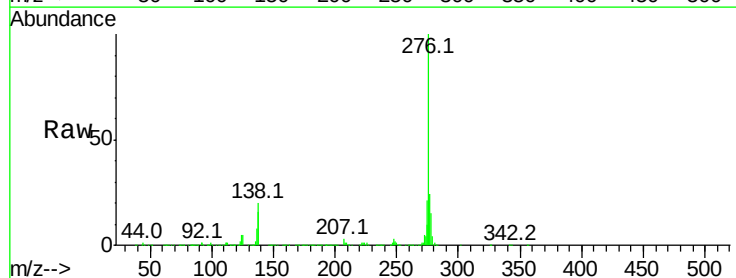
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

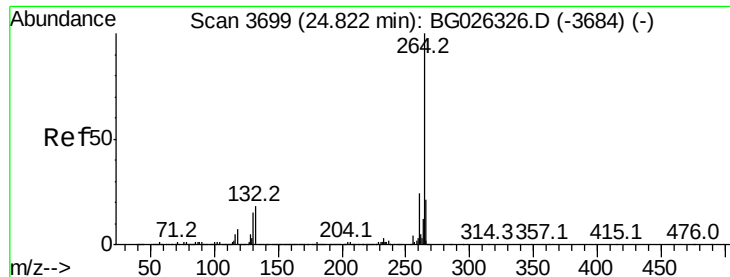
Tot Ion:149 Resp: 2094327
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.2
43 5.4 11.8 17.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 28.86 ng
RT: 28.43 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:276 Resp: 2301474
Ion Ratio Lower Upper
276 100
138 25.3 4.7 7.1#
277 25.7 20.6 31.0

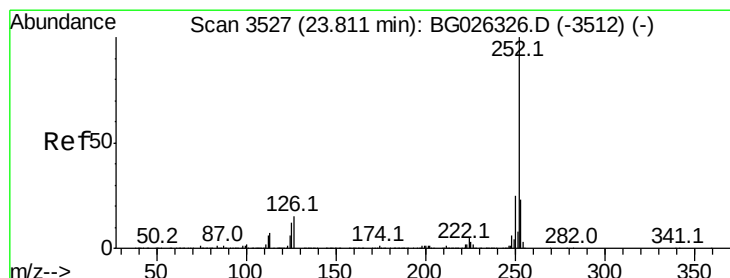
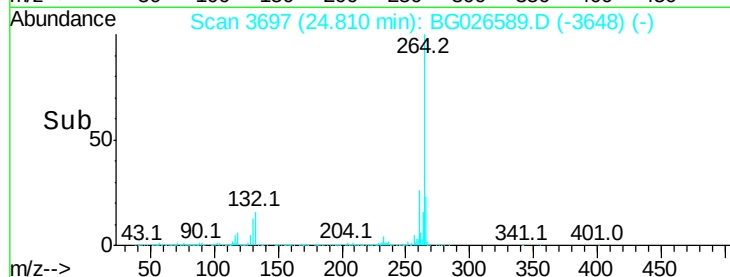
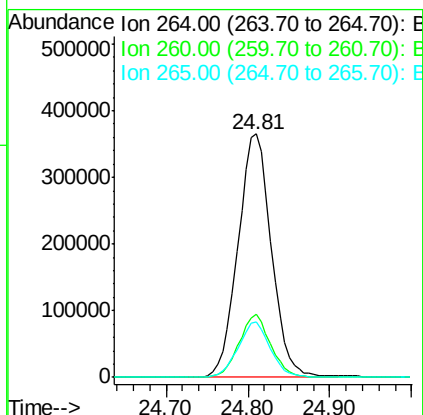
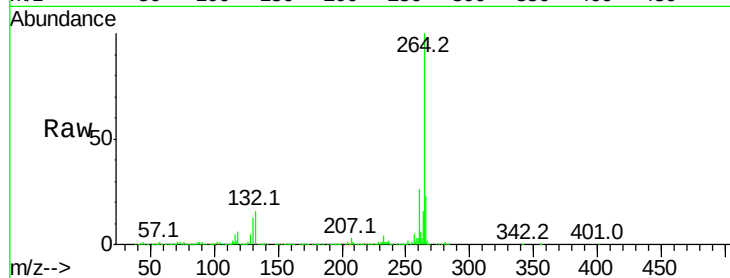




#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.81 min Scan# 3697
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

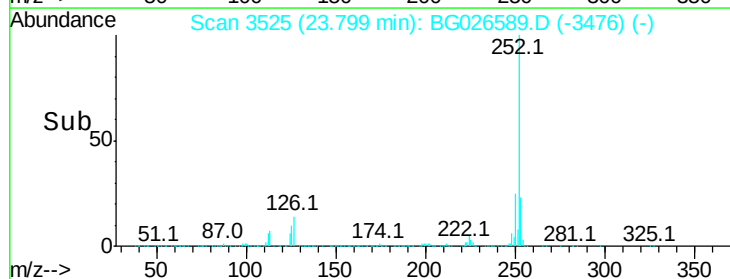
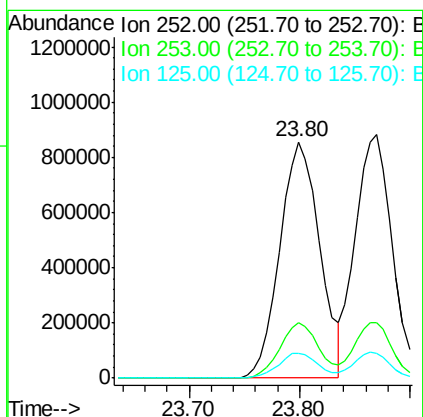
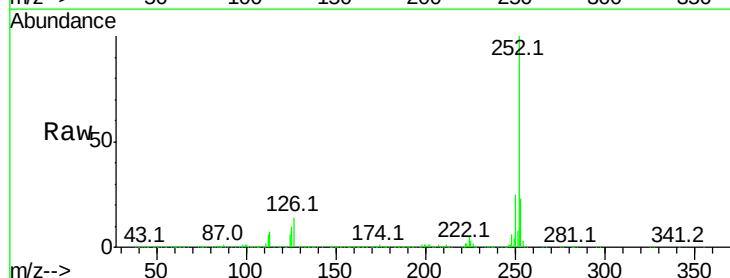
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

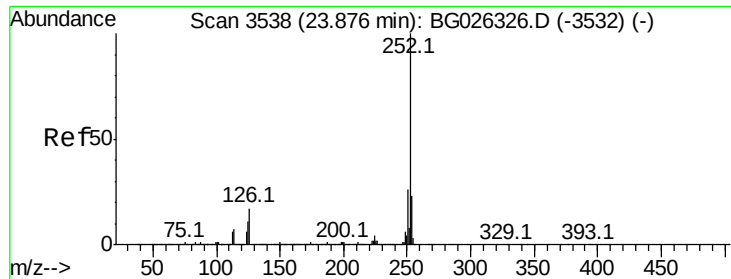
Tot Ion:264 Resp: 1036785
Ion Ratio Lower Upper
264 100
260 25.8 21.8 32.8
265 22.8 18.2 27.4



#87
Benzo(b)fluoranthene
Concen: 34.90 ng
RT: 23.80 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:252 Resp: 2132800
Ion Ratio Lower Upper
252 100
253 23.4 18.7 28.1
125 10.5 5.3 7.9#

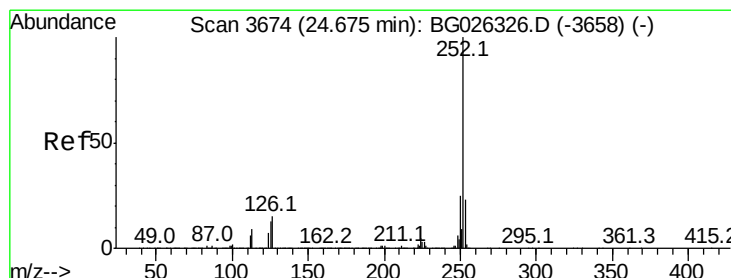
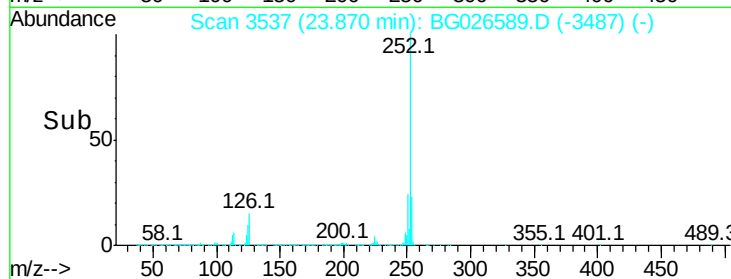
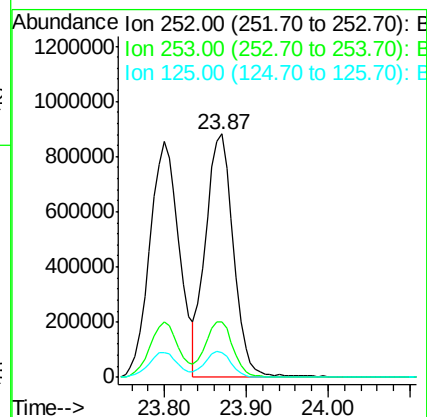
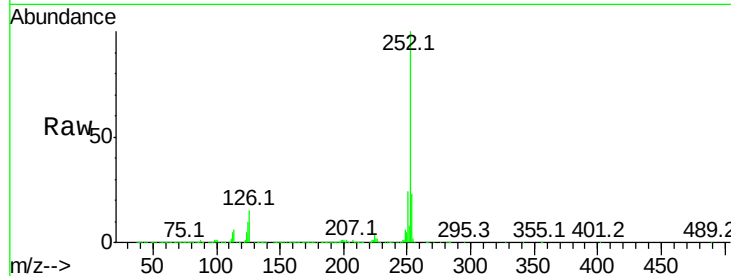




#88
Benzo(k)fluoranthene
Concen: 34.96 ng
RT: 23.87 min Scan# 3537
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

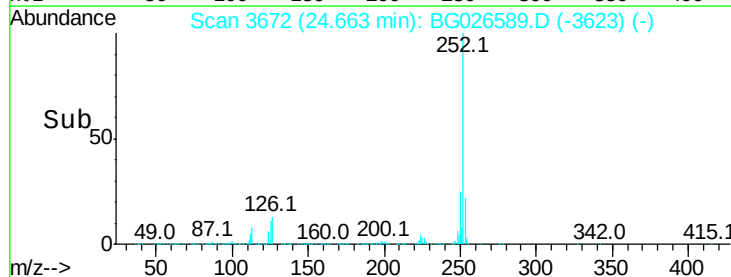
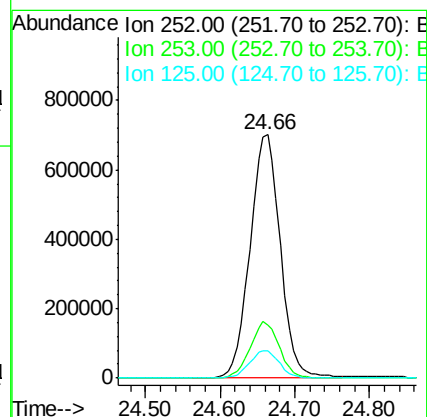
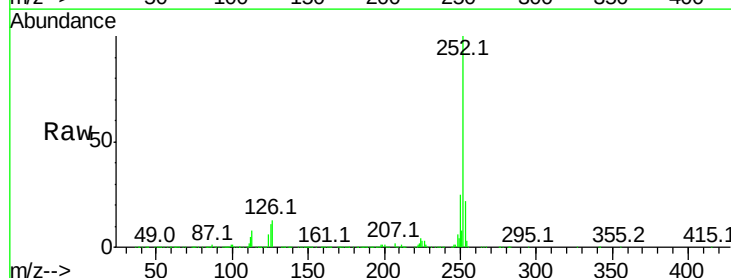
Instrument :
BNA_G
ClientSampleId :
RT3456-275030MSD

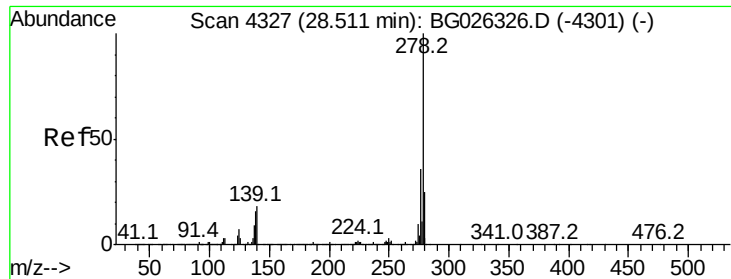
Tot Ion:252 Resp: 2072368
Ion Ratio Lower Upper
252 100
253 22.8 20.2 30.2
125 10.3 5.1 7.7#



#89
Benzo(a)pyrene
Concen: 33.65 ng
RT: 24.66 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BG026589.D
Acq: 7 Apr 2017 6:33

Tgt Ion:252 Resp: 1972370
Ion Ratio Lower Upper
252 100
253 21.8 19.2 28.8
125 11.1 5.4 8.0#





#90

Dibenzo(a,h)anthracene

Concen: 33.12 ng

RT: 28.49 min Scan# 4323

Delta R.T. -0.02 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

Instrument :

BNA_G

ClientSampleId :

RT3456-275030MSD

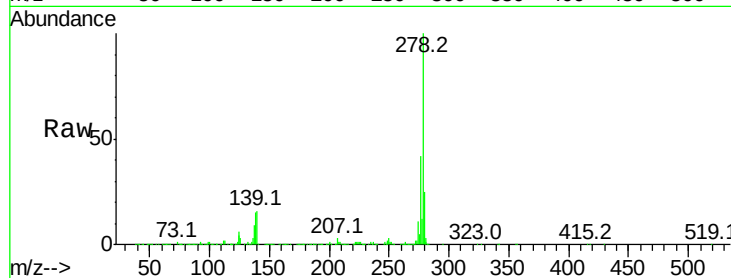
Tot Ion:278 Resp: 1962398

Ion Ratio Lower Upper

278 100

139 16.2 7.7 11.5#

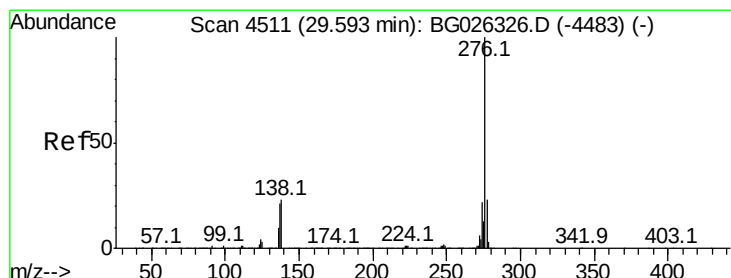
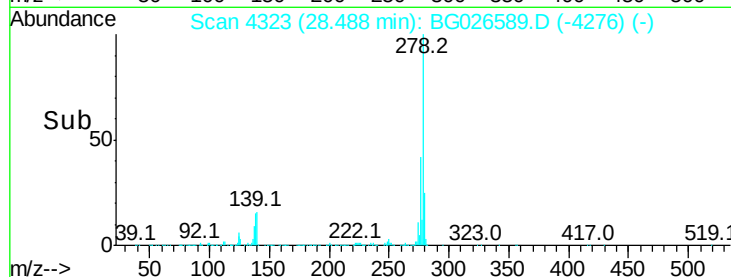
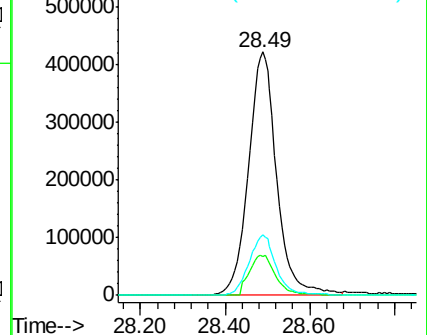
279 24.9 19.1 28.7



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



#91

Benzo(g,h,i)perylene

Concen: 30.59 ng

RT: 29.57 min Scan# 4507

Delta R.T. -0.02 min

Lab File: BG026589.D

Acq: 7 Apr 2017 6:33

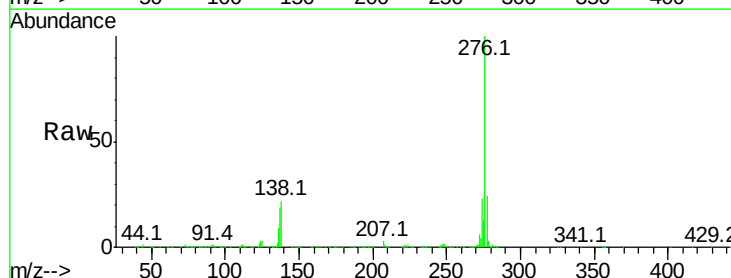
Tgt Ion:276 Resp: 1826251

Ion Ratio Lower Upper

276 100

277 23.7 18.6 27.8

138 21.8 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

