

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026029.D
 Acq On : 2 Mar 2017 14:40
 Operator : SJ/MA
 Sample : PB97261BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

Quant Time: Mar 02 15:50:30 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 28 15:36:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	122233	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	538744	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	320443	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	738930	20.00	ng	0.00
75) Chrysene-d12	21.66	240	681877	20.00	ng	-0.02
86) Perylene-d12	24.85	264	644513	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	685205	97.60	ng	0.00
7) Phenol-d6	7.23	99	907341	87.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	731882	85.73	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	325322	109.89	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1856961	101.26	ng	-0.01
78) Terphenyl-d14	20.00	244	2284199	81.47	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	94366	29.41	ng	# 78
3) Pyridine	3.93	79	279545	29.24	ng	# 68
4) n-Nitrosodimethylamine	3.84	42	106751	31.04	ng	# 16
6) Aniline	7.39	93	211410	14.64	ng	# 90
8) 2-Chlorophenol	7.64	128	354935	42.54	ng	# 86
9) Benzaldehyde	7.20	77	91518	14.87	ng	# 64
10) Phenol	7.26	94	454738	40.28	ng	# 74
11) bis(2-Chloroethyl)ether	7.49	93	325349	35.06	ng	# 88
12) 1,3-Dichlorobenzene	7.97	146	363820	37.72	ng	# 88
13) 1,4-Dichlorobenzene	8.11	146	372124	38.08	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	357699	37.29	ng	# 89
15) Benzyl Alcohol	8.30	79	294875	38.76	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.60	45	372594	27.67	ng	# 86
17) 2-Methylphenol	8.51	107	315268	38.76	ng	# 82
18) Hexachloroethane	9.16	117	123843	38.24	ng	# 89
19) n-Nitroso-di-n-propylamine	8.87	70	259051	34.14	ng	# 76
20) 3+4-Methylphenols	8.83	107	431592	37.25	ng	# 84
22) Acetophenone	8.89	105	506180	39.15	ng	# 77
24) Nitrobenzene	9.27	77	357789	38.76	ng	# 78
25) Isophorone	9.79	82	719953	38.32	ng	# 91
26) 2-Nitrophenol	9.98	139	192015	44.48	ng	# 70
27) 2,4-Dimethylphenol	10.04	122	347581	43.14	ng	# 88
28) bis(2-Chloroethoxy)methane	10.27	93	449579	37.76	ng	# 98
29) 2,4-Dichlorophenol	10.52	162	343695	44.69	ng	# 94
30) 1,2,4-Trichlorobenzene	10.73	180	343095	41.02	ng	# 96
31) Naphthalene	10.92	128	1068084	38.35	ng	# 99
32) Benzoic acid	10.15	122	224466	36.49	ng	# 79
33) 4-Chloroaniline	11.02	127	84407	6.98	ng	# 84
34) Hexachlorobutadiene	11.21	225	197442	41.49	ng	# 99
35) Caprolactam	11.78	113	134842	43.42	ng	# 61
36) 4-Chloro-3-methylphenol	12.14	107	376672	40.94	ng	# 81
37) 2-Methylnaphthalene	12.52	142	817583	38.54	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	366118	45.59	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	406132	92.41	ng	# 98

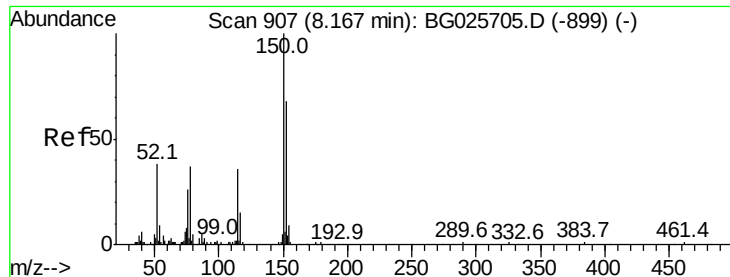
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	274561	52.93	nq	95
43) 2,4,5-Trichlorophenol	13.19	196	287883	48.89	nq #	93
45) 1,1'-Biphenyl	13.51	154	1049627	45.20	nq	99
46) 2-Chloronaphthalene	13.56	162	767082	45.69	nq	98
47) 2-Nitroaniline	13.75	65	234548	44.05	nq #	70
48) Acenaphthylene	14.40	152	1311949	43.89	nq	99
49) Dimethylphthalate	14.13	163	1027590	46.74	nq	99
50) 2,6-Dinitrotoluene	14.24	165	228882	46.35	nq #	70
51) Acenaphthene	14.74	154	938955	47.57	nq	98
52) 3-Nitroaniline	14.57	138	77566	14.04	nq #	68
53) 2,4-Dinitrophenol	14.78	184	229648	88.87	nq #	84
54) Dibenzofuran	15.07	168	1242318	47.20	nq	91
55) 4-Nitrophenol	14.87	139	375212	83.47	nq #	48
56) 2,4-Dinitrotoluene	15.02	165	319314	48.06	nq #	80
57) Fluorene	15.72	166	1029137	43.76	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.29	232	271610	52.29	nq	98
59) Diethylphthalate	15.48	149	1065594	46.86	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	488541	44.83	nq	93
61) 4-Nitroaniline	15.72	138	238061	41.58	nq #	54
62) Azobenzene	16.00	77	936356	47.91	nq	83
64) 4,6-Dinitro-2-methylphenol	15.79	198	174839	40.43	nq	88
65) n-Nitrosodiphenylamine	15.92	169	912533	40.72	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	327876	42.34	nq	98
67) Hexachlorobenzene	16.72	284	332944	41.71	nq	94
68) Atrazine	16.86	200	339869	42.85	nq	97
69) Pentachlorophenol	17.06	266	414866	84.26	nq	95
70) Phenanthrene	17.45	178	1597356	39.82	nq	97
71) Anthracene	17.54	178	1645577	40.24	nq	99
72) Carbazole	17.80	167	1478181	35.98	nq #	95
73) Di-n-butylphthalate	18.36	149	1834411	45.49	nq #	95
74) Fluoranthene	19.45	202	1758751	39.82	nq	95
76) Benzidine	19.62	184	362007	16.82	nq	96
77) Pyrene	19.81	202	1772228	41.10	nq	98
79) Butylbenzylphthalate	20.68	149	824297	50.37	nq	90
80) Benzo(a)anthracene	21.63	228	1593600	40.03	nq	96
81) 3,3'-Dichlorobenzidine	21.55	252	264537	18.64	nq #	97
82) Chrysene	21.70	228	1481654	38.70	nq	98
83) Bis(2-ethylhexyl)phthalate	21.54	149	1218413	51.56	nq #	99
84) Di-n-octyl phthalate	22.74	149	2071512	53.08	nq #	84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1613392	35.78	nq #	88
87) Benzo(b)fluoranthene	23.84	252	1569132	40.65	nq #	96
88) Benzo(k)fluoranthene	23.91	252	1544037	41.00	nq #	93
89) Benzo(a)pyrene	24.71	252	1479684	40.48	nq #	94
90) Dibenzo(a,h)anthracene	28.56	278	1286668	35.04	nq #	93
91) Benzo(g,h,i)perylene	29.64	276	1386607	37.66	nq #	88

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG026029.D

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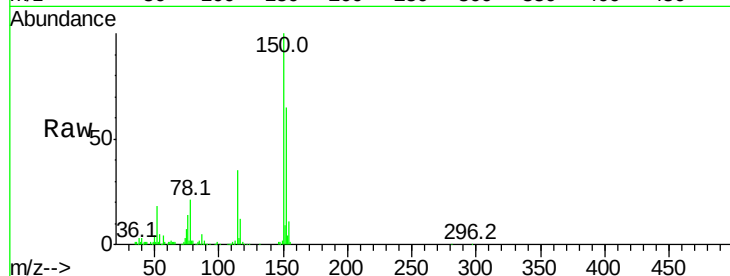
Tot Ion:152 Resp: 122233

Ion Ratio Lower Upper

152 100

150 154.0 114.0 171.0

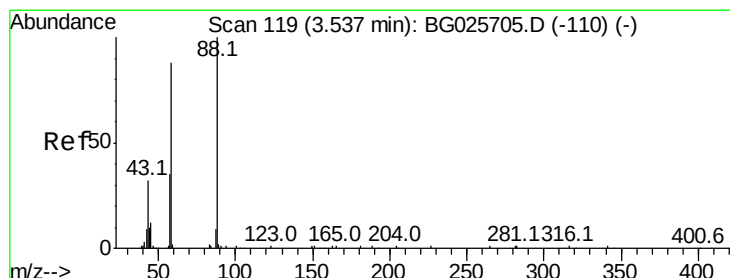
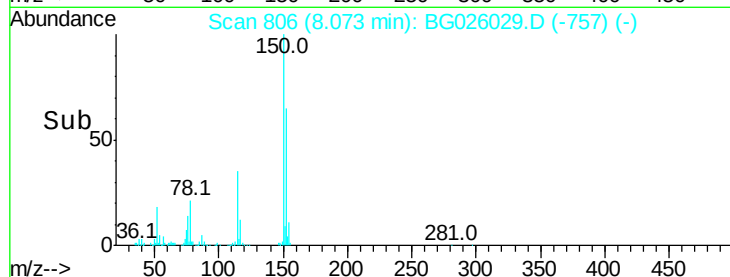
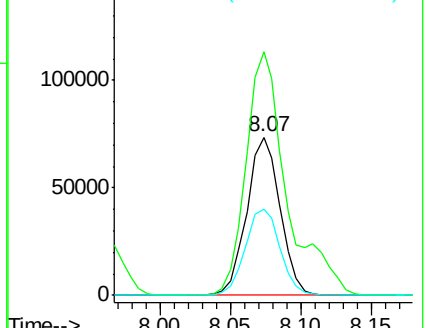
115 54.2 48.1 72.1



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: 29.41 ng

RT: 3.53 min Scan# 33

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

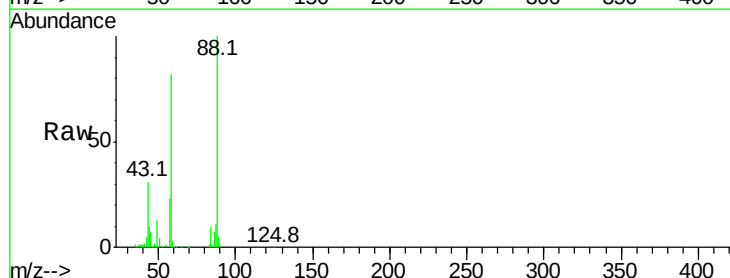
Tgt Ion: 88 Resp: 94366

Ion Ratio Lower Upper

88 100

58 81.4 79.4 119.2

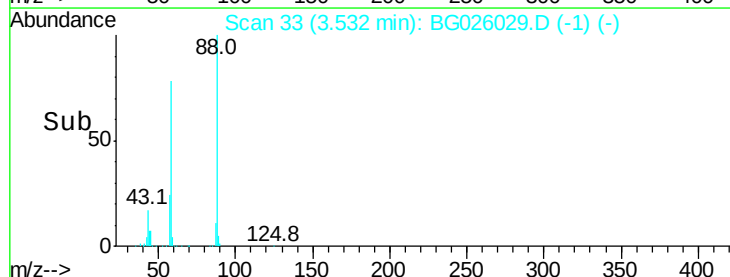
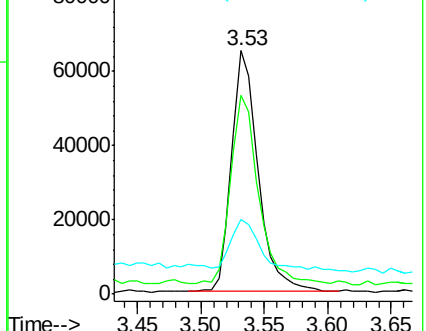
43 21.7 33.8 50.6#

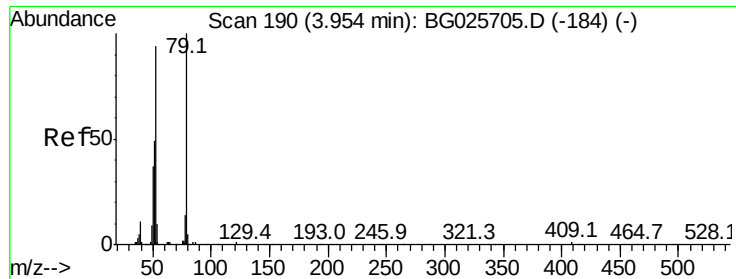


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.24 ng

RT: 3.93 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

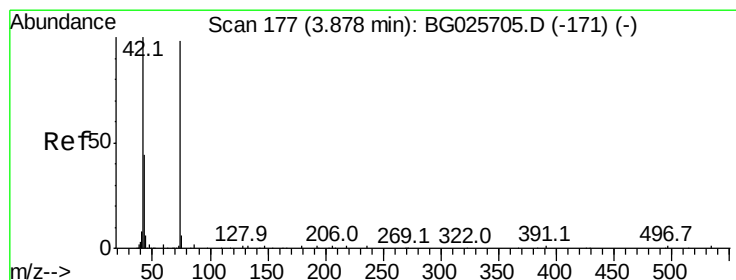
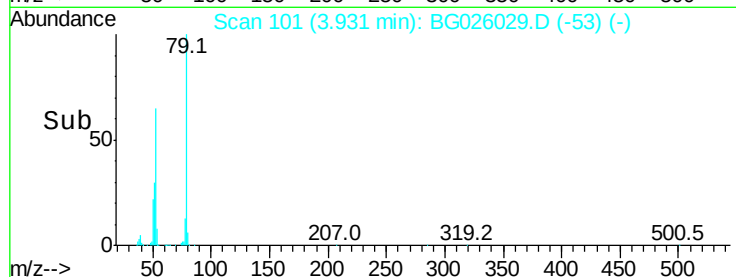
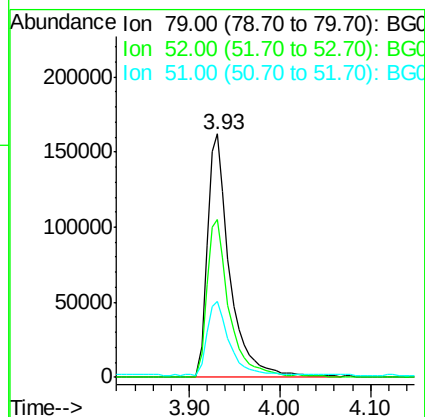
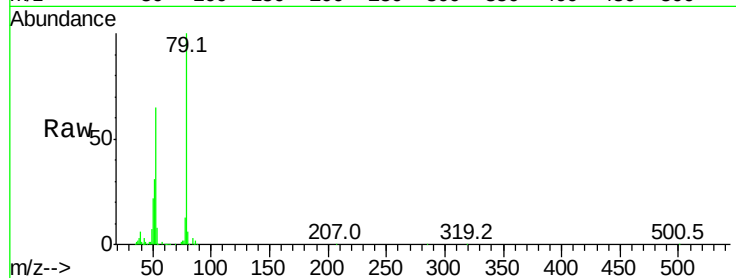
Tot Ion: 79 Resp: 279545

Ion Ratio Lower Upper

79 100

52 64.9 77.8 116.6#

51 31.3 43.2 64.8#



#4

n-Nitrosodimethylamine

Concen: 31.04 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

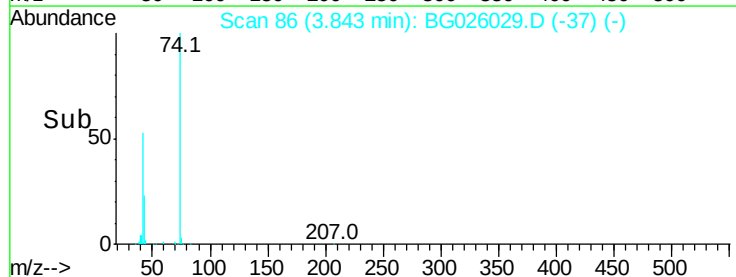
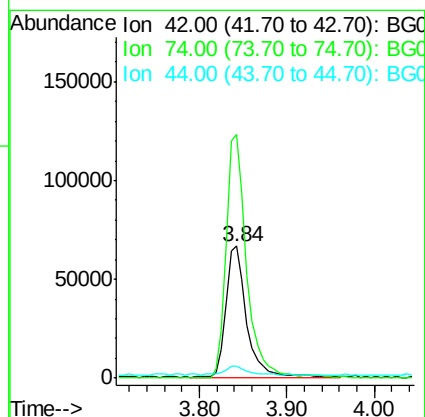
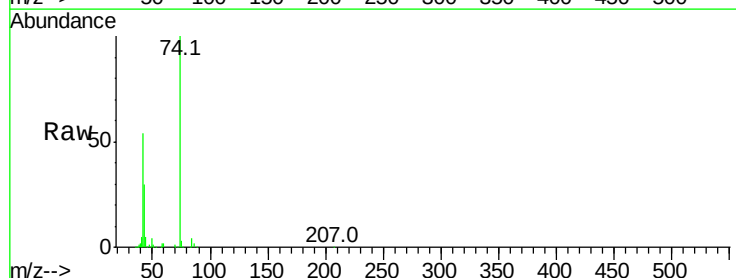
Tgt Ion: 42 Resp: 106751

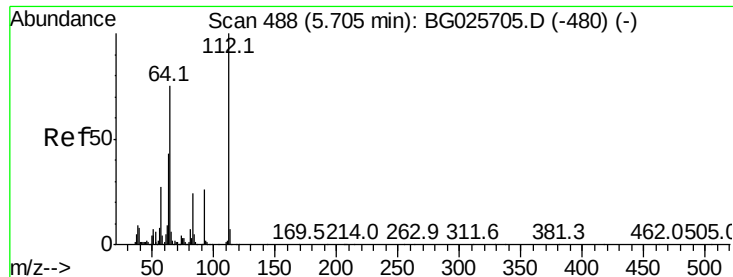
Ion Ratio Lower Upper

42 100

74 184.5 76.7 115.1#

44 8.7 6.1 9.1





#5

2-Fluorophenol

Concen: 97.60 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

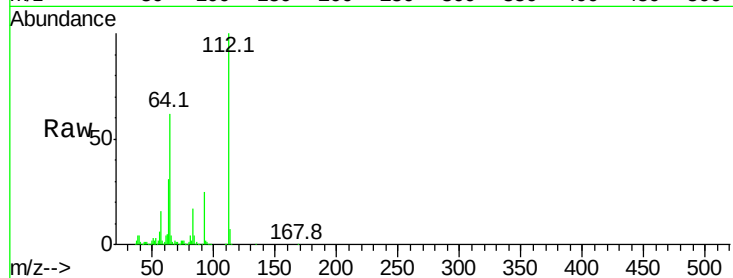
Tot Ion:112 Resp: 685205

Ion Ratio Lower Upper

112 100

64 62.0 61.8 92.6

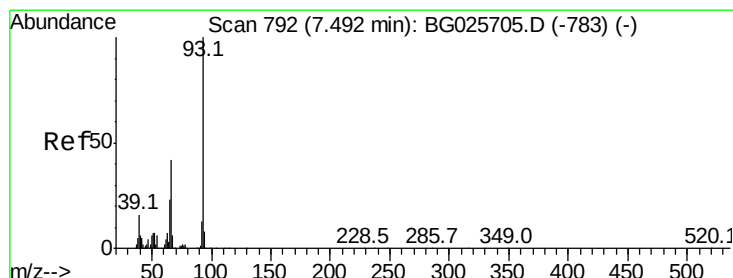
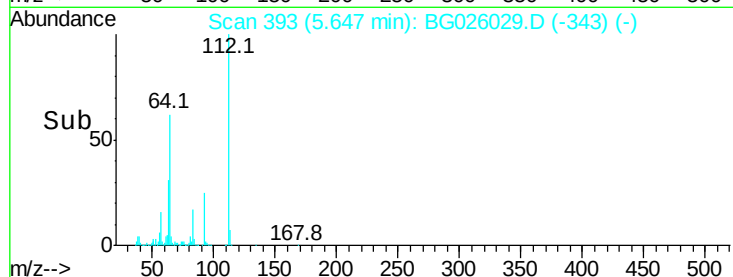
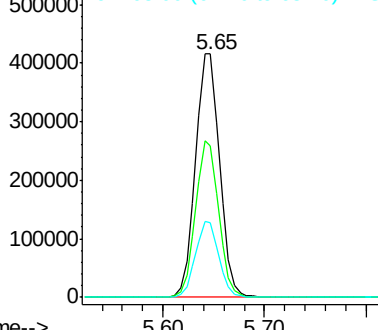
63 30.6 37.2 55.8#



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: 14.64 ng

RT: 7.39 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

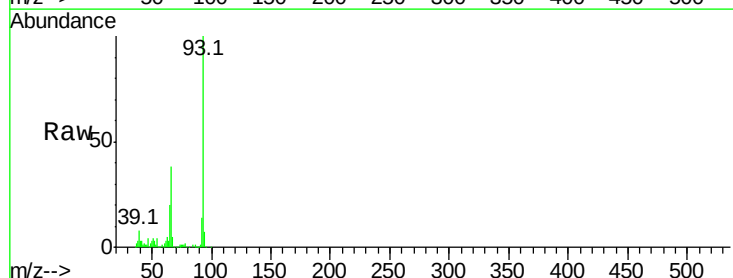
Tgt Ion: 93 Resp: 211410

Ion Ratio Lower Upper

93 100

66 38.5 35.4 53.2

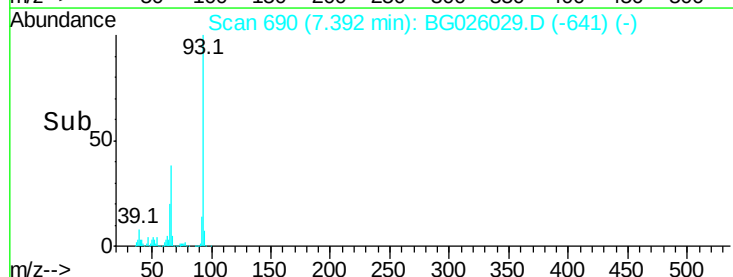
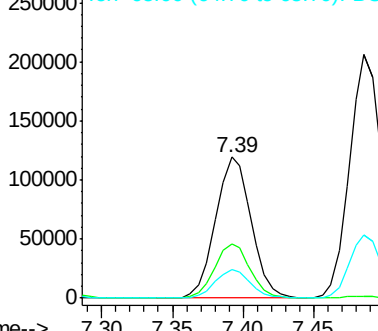
65 20.1 21.2 31.8#

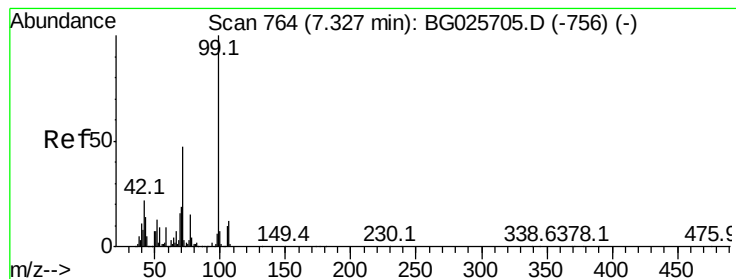


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.33 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

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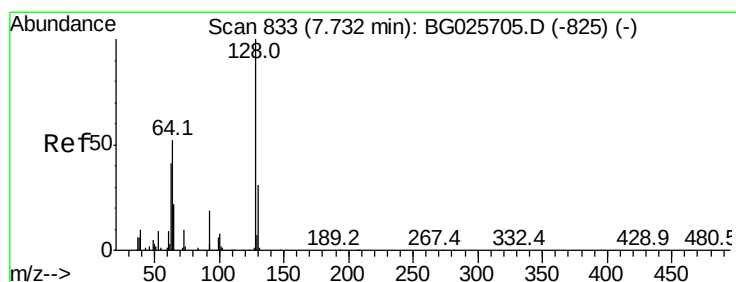
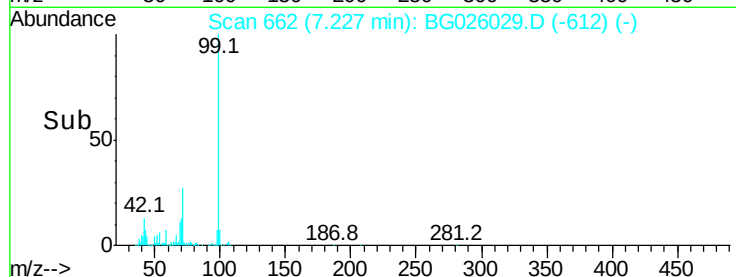
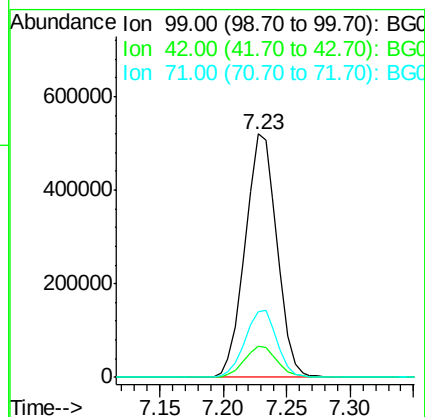
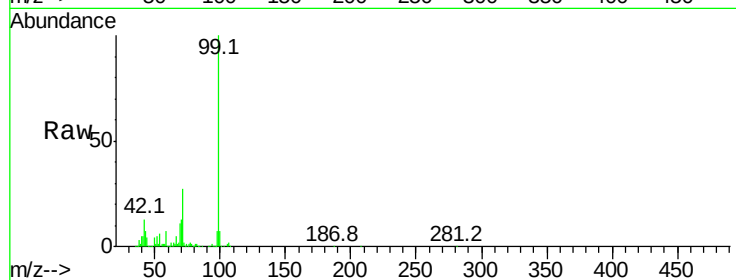
Tot Ion: 99 Resp: 907341

Ion Ratio Lower Upper

99 100

42 12.8 20.5 30.7#

71 27.0 37.6 56.4#



#8

2-Chlorophenol

Concen: 42.54 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

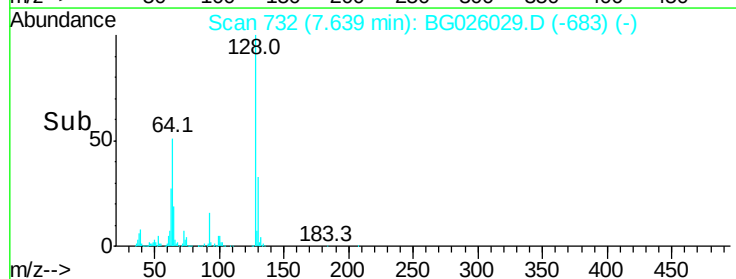
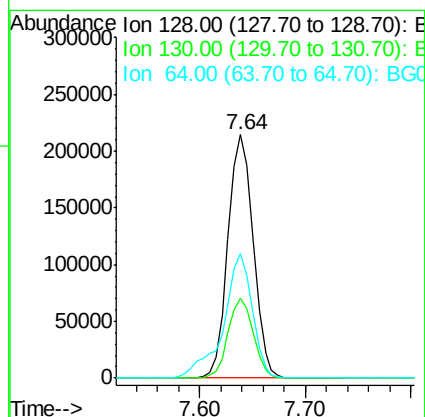
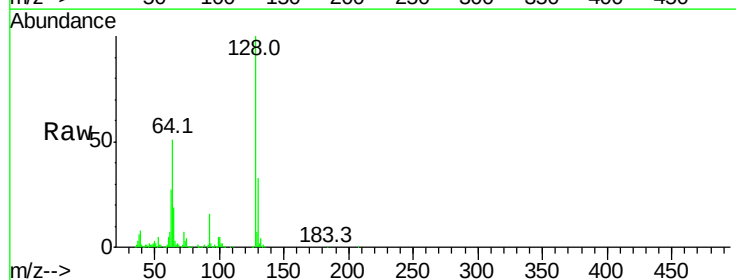
Tgt Ion: 128 Resp: 354935

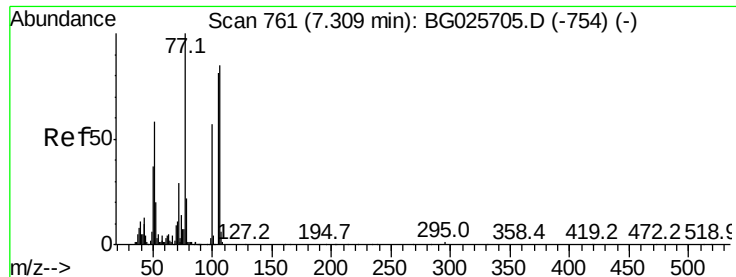
Ion Ratio Lower Upper

128 100

130 32.6 11.4 51.4

64 51.2 46.6 86.6





#9

Benzaldehyde

Concen: 14.87 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

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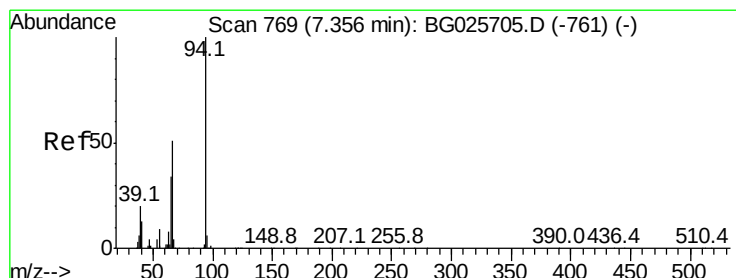
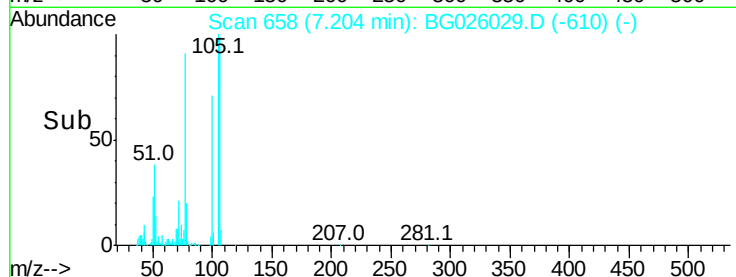
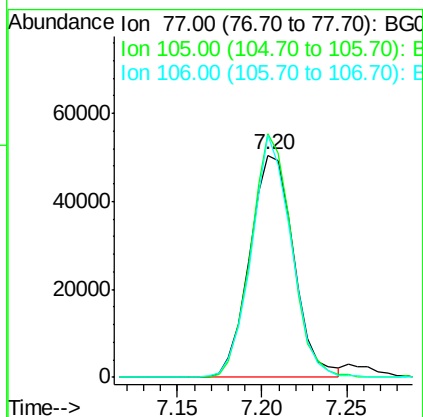
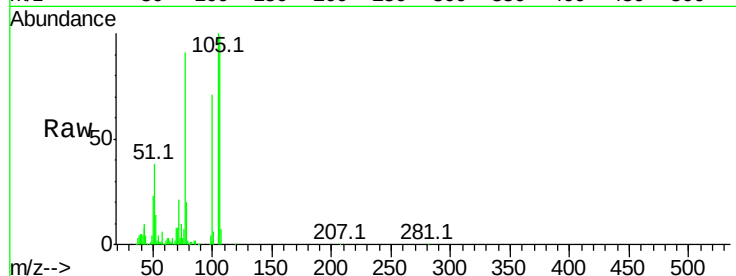
Tot Ion: 77 Resp: 91518

Ion Ratio Lower Upper

77 100

105 109.5 60.9 100.9#

106 108.7 55.1 95.1#



#10

Phenol

Concen: 40.28 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

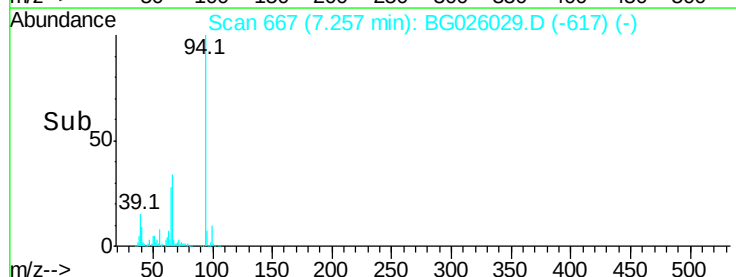
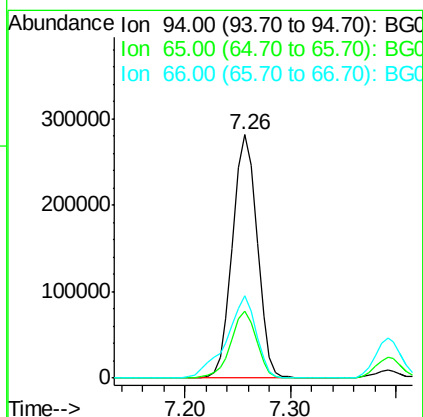
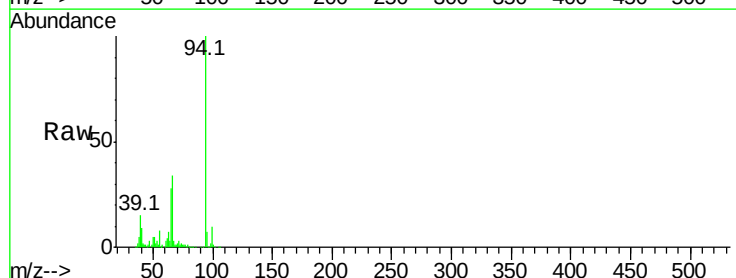
Tgt Ion: 94 Resp: 454738

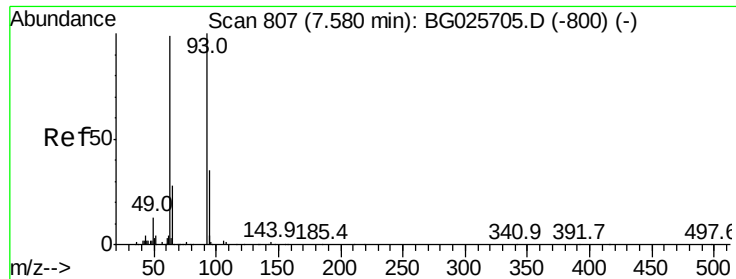
Ion Ratio Lower Upper

94 100

65 27.6 20.6 60.6

66 33.8 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 35.06 ng

RT: 7.49 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

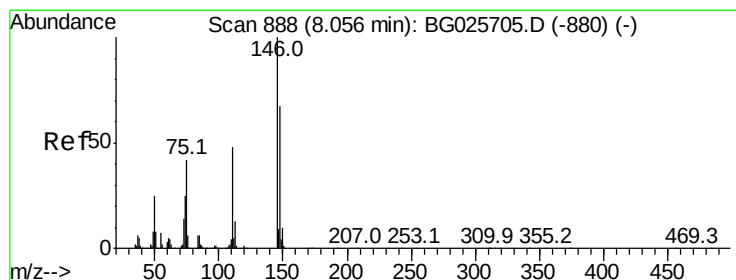
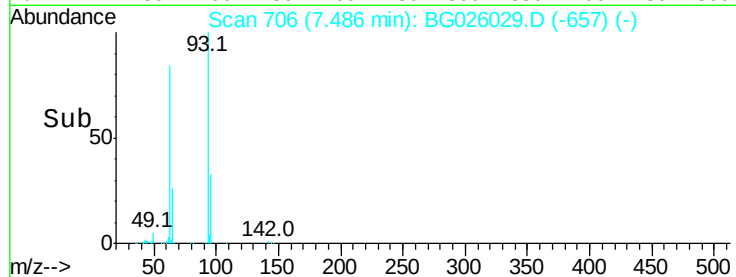
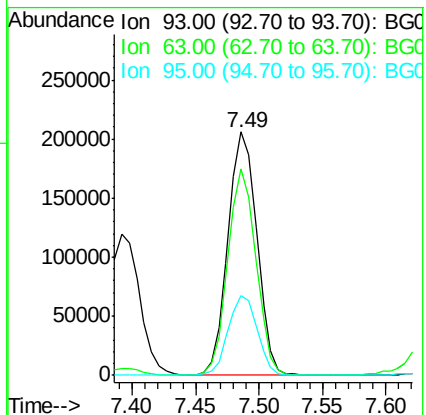
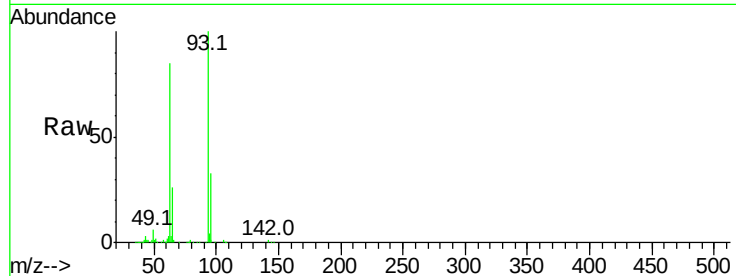
Tot Ion: 93 Resp: 325349

Ion Ratio Lower Upper

93 100

63 84.8 78.5 118.5

95 32.8 9.8 49.8



#12

1,3-Dichlorobenzene

Concen: 37.72 ng

RT: 7.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

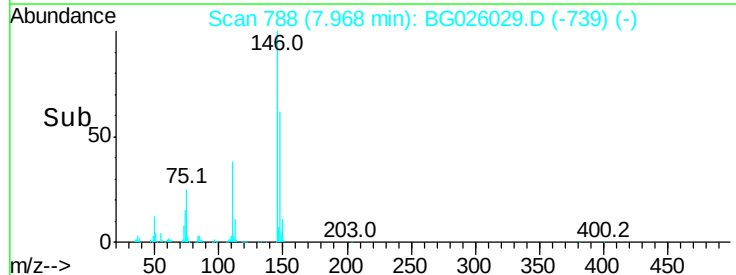
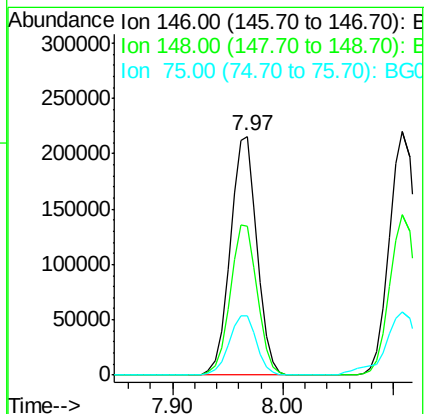
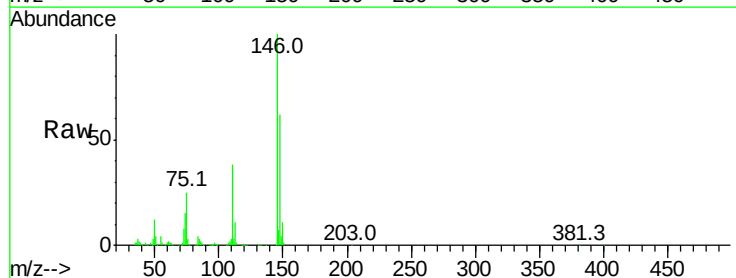
Tgt Ion: 146 Resp: 363820

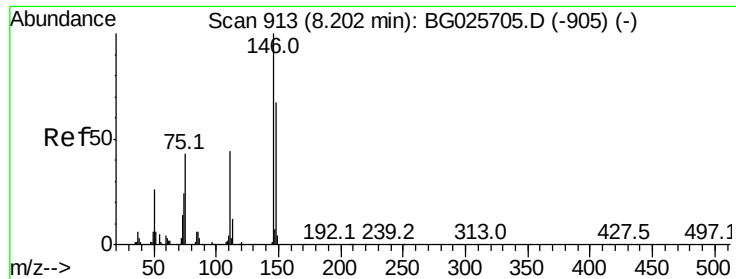
Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

75 24.9 33.4 50.2#





#13

1,4-Dichlorobenzene

Concen: 38.08 ng

RT: 8.11 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

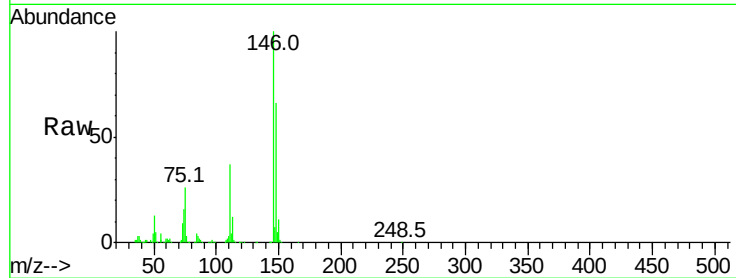
Tot Ion:146 Resp: 372124

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

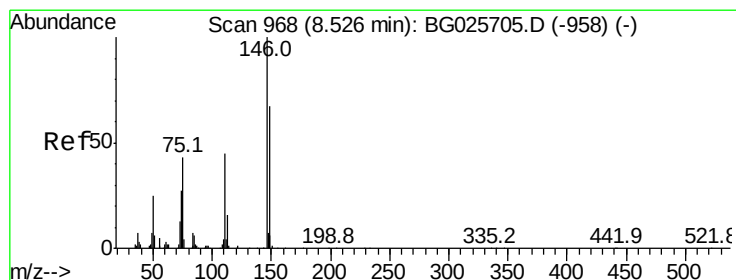
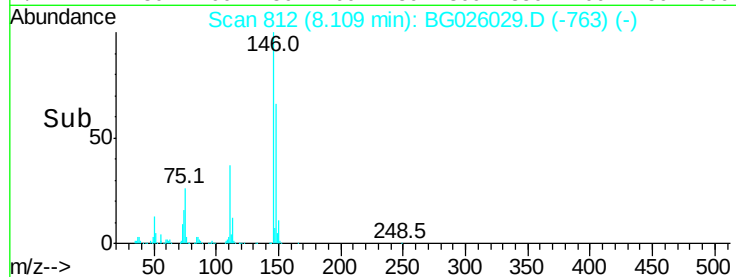
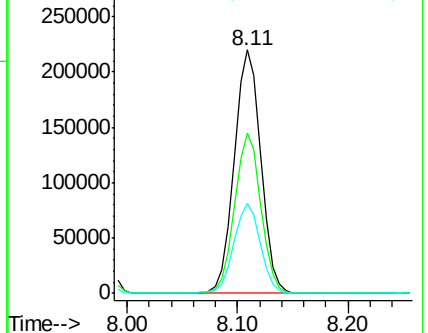
111 37.1 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.29 ng

RT: 8.43 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

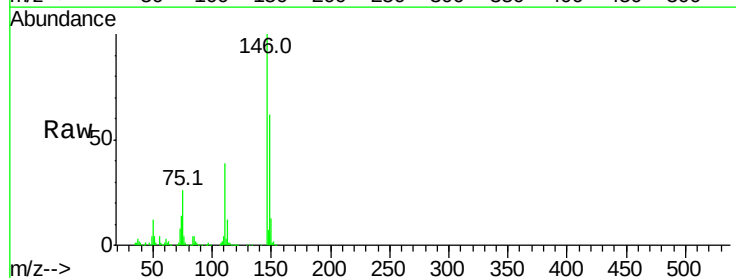
Tgt Ion:146 Resp: 357699

Ion Ratio Lower Upper

146 100

148 62.4 54.6 81.8

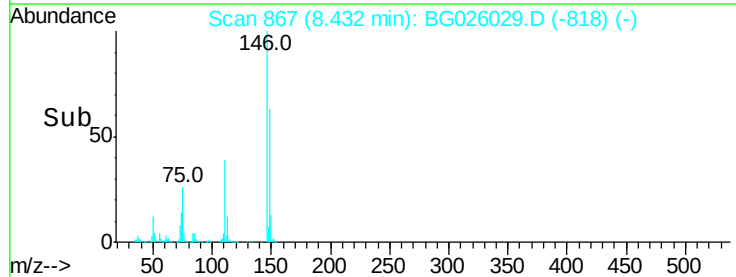
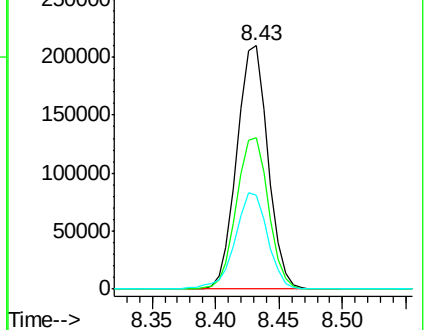
111 38.7 39.7 59.5#

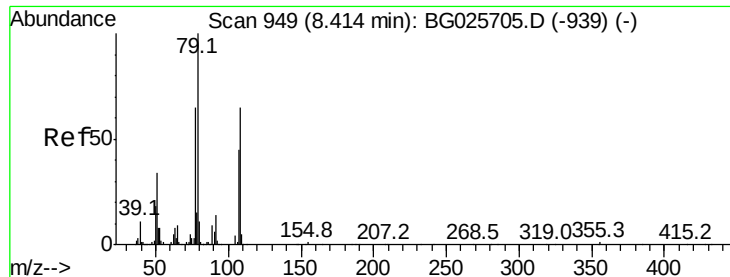


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.76 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

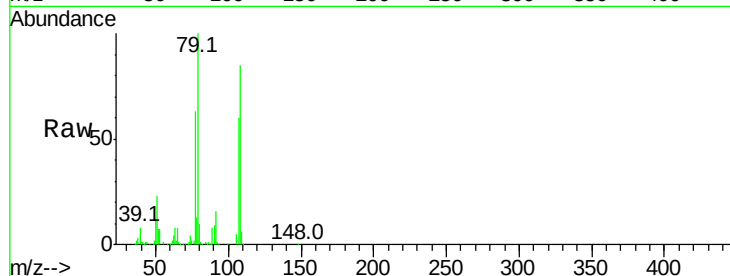
Tot Ion: 79 Resp: 294875

Ion Ratio Lower Upper

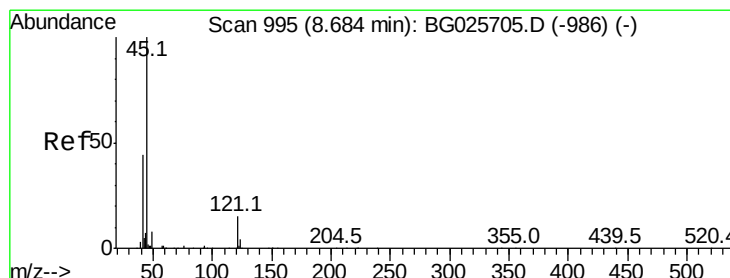
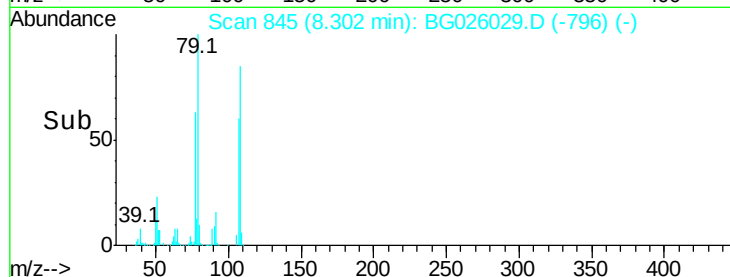
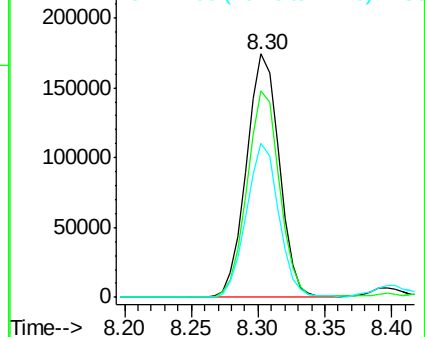
79 100

108 84.6 45.5 68.3#

77 63.2 54.3 81.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 27.67 ng

RT: 8.60 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

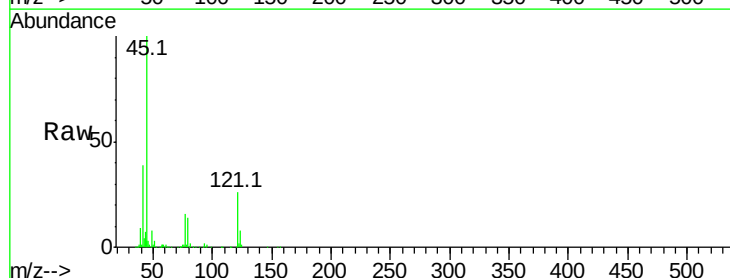
Tgt Ion: 45 Resp: 372594

Ion Ratio Lower Upper

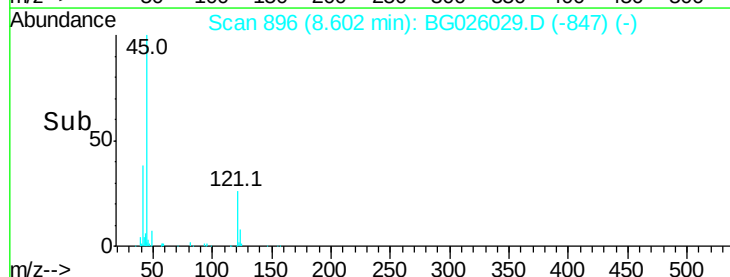
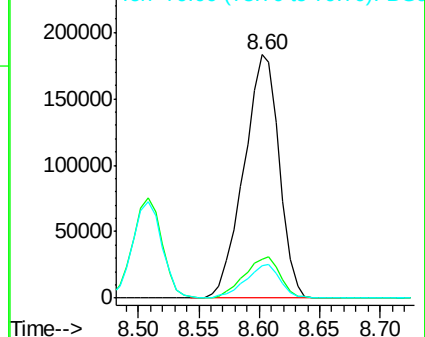
45 100

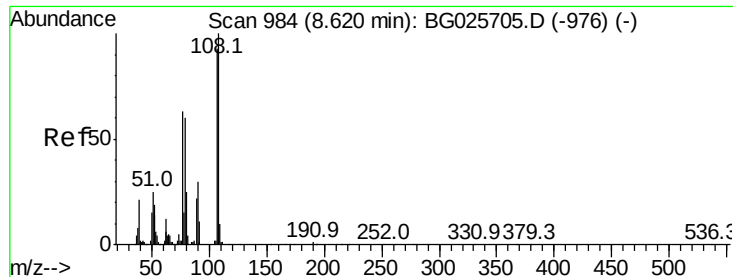
77 16.0 0.0 30.6

79 13.6 0.0 28.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 38.76 ng

RT: 8.51 min Scan# 880

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:107 Resp: 315268

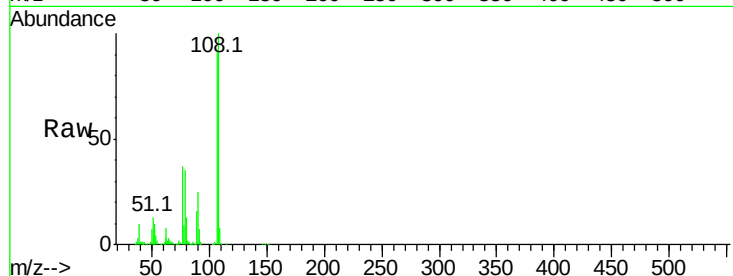
Ion Ratio Lower Upper

107 100

108 109.7 85.6 128.4

77 40.1 51.4 77.2#

79 38.7 49.2 73.8#

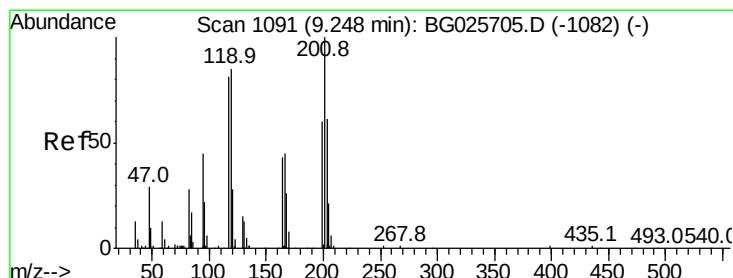
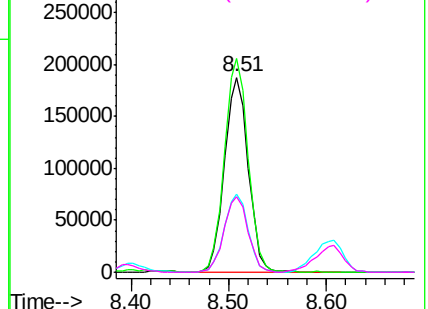
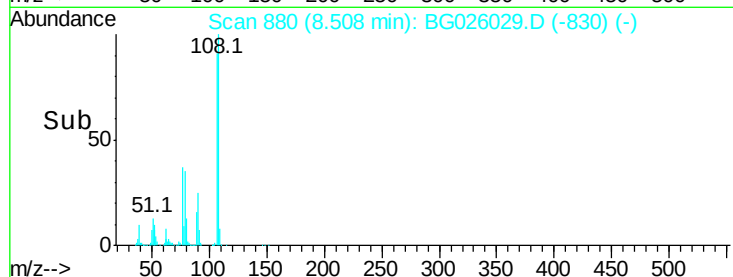


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.24 ng

RT: 9.16 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

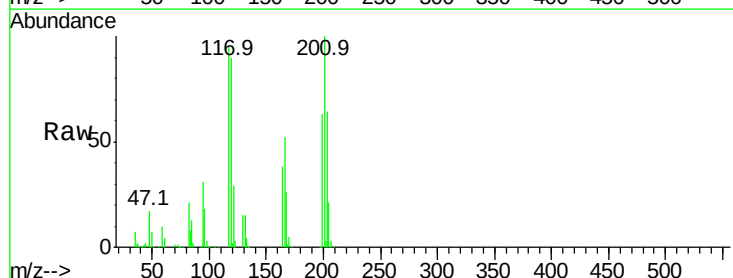
Tgt Ion:117 Resp: 123843

Ion Ratio Lower Upper

117 100

119 95.2 69.8 104.6

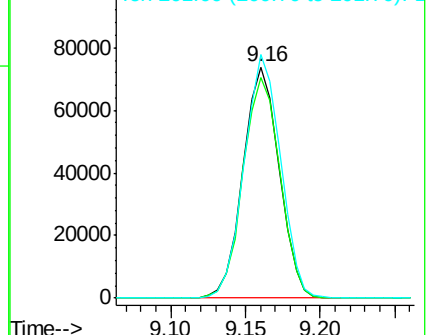
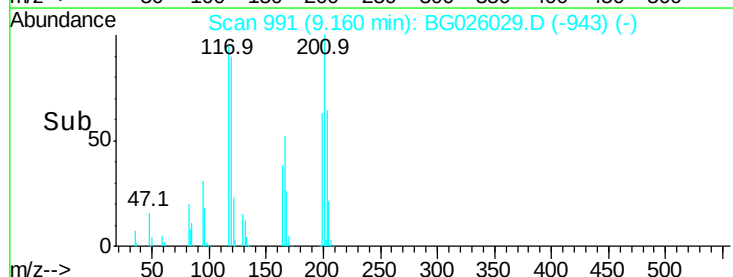
201 105.3 95.4 143.0

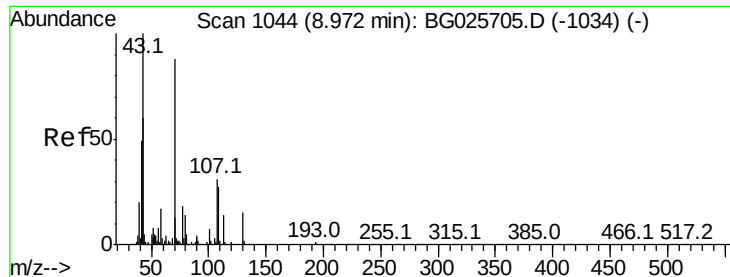


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

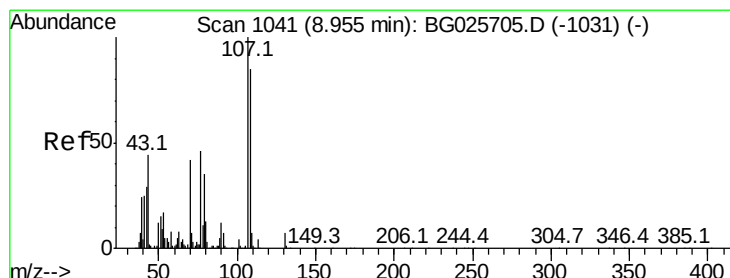
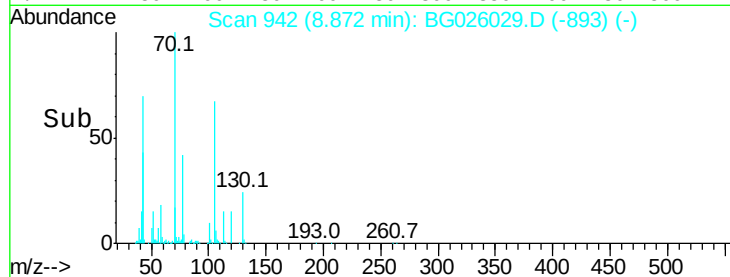
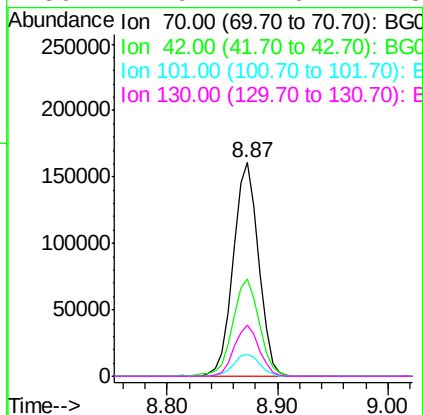
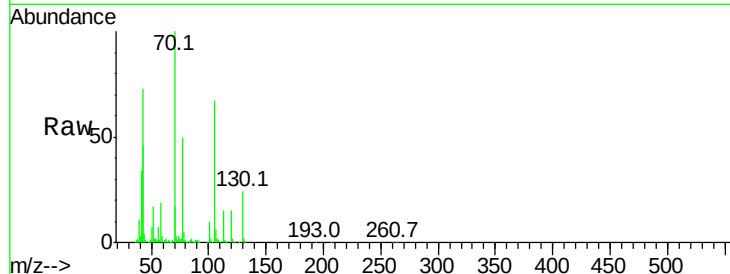




#19
n-Nitroso-di-n-propylamine
Concen: 34.14 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

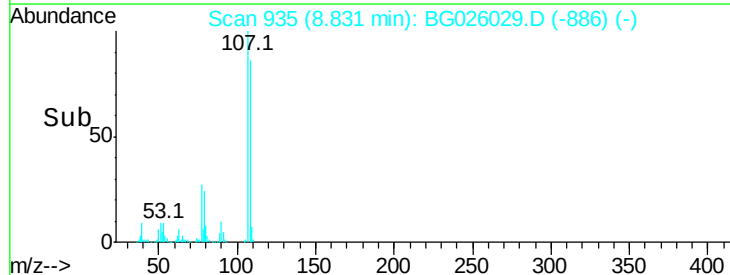
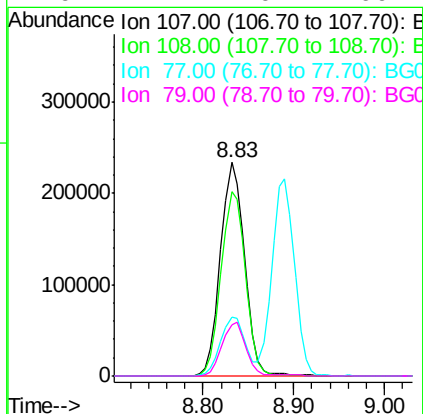
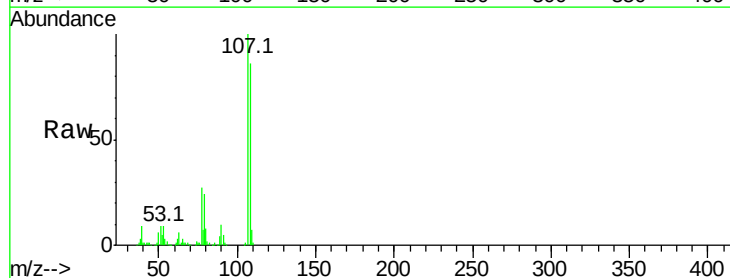
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

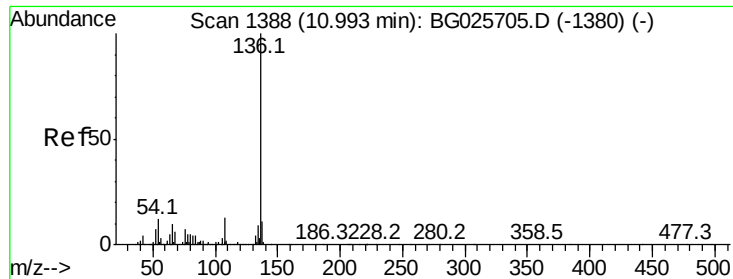
Tot Ion: 70 Resp: 259051
Ion Ratio Lower Upper
70 100
42 45.6 56.1 84.1#
101 10.5 7.5 11.3
130 24.0 14.6 21.8#



#20
3+4-Methylphenols
Concen: 37.25 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion: 107 Resp: 431592
Ion Ratio Lower Upper
107 100
108 86.1 70.8 110.8
77 27.5 25.8 65.8
79 24.2 20.1 60.1

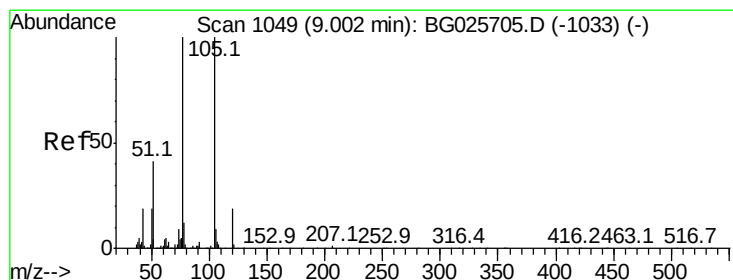
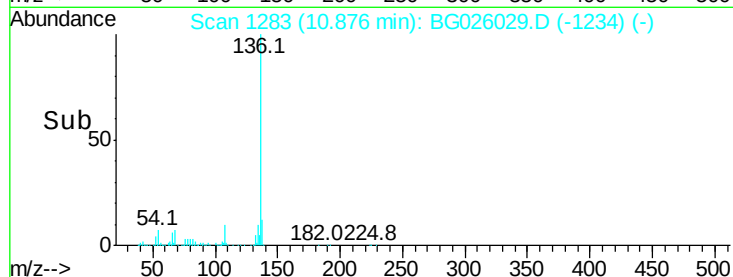
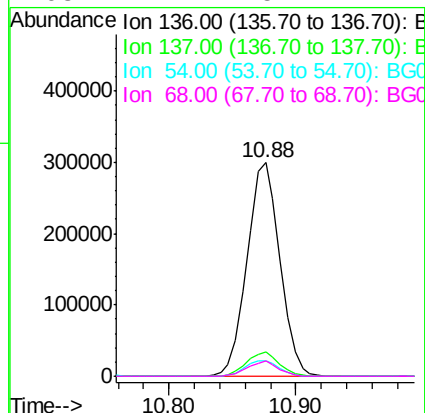
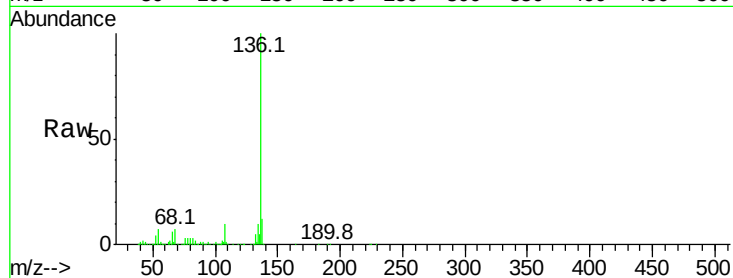




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

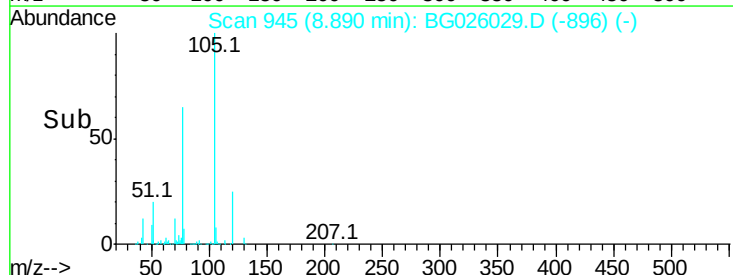
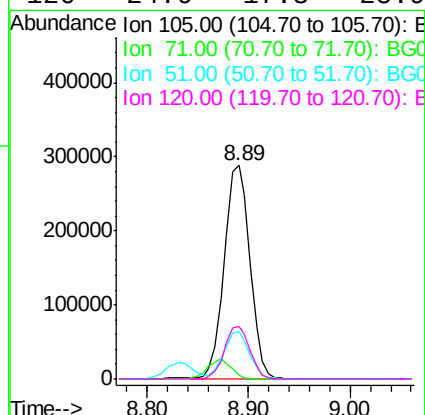
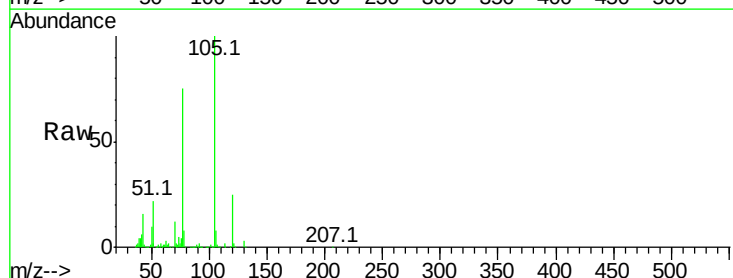
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

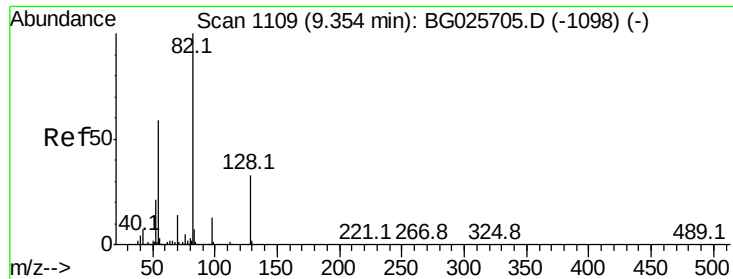
Tot Ion:	136	Resp:	538744
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.1	9.3	13.9#
68	7.1	5.1	7.7



#22
Acetophenone
Concen: 39.15 ng
RT: 8.89 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:	105	Resp:	506180
Ion	Ratio	Lower	Upper
105	100		
71	2.1	0.9	1.3#
51	22.1	34.0	51.0#
120	24.6	17.3	25.9

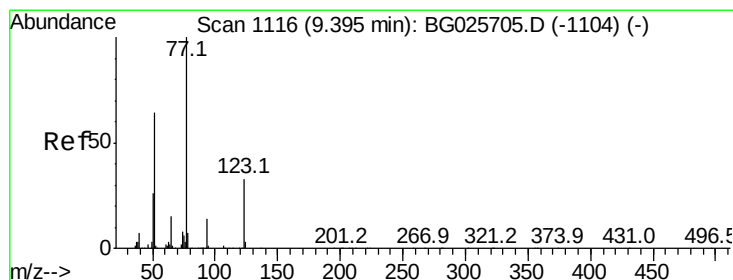
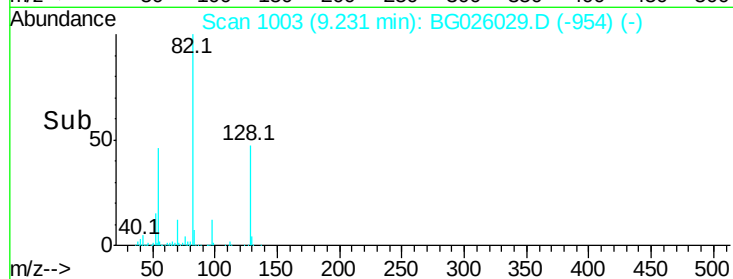
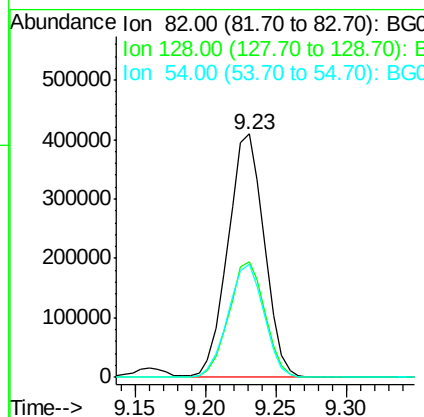
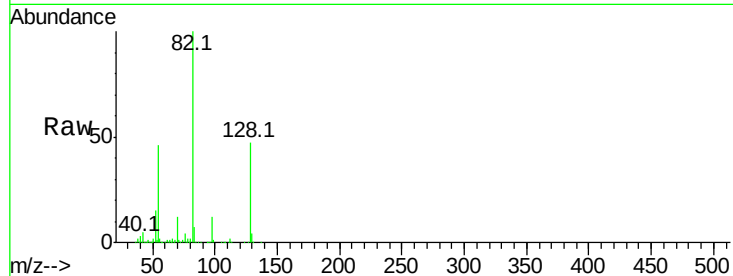




#23
 Nitrobenzene-d5
 Concen: 85.73 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

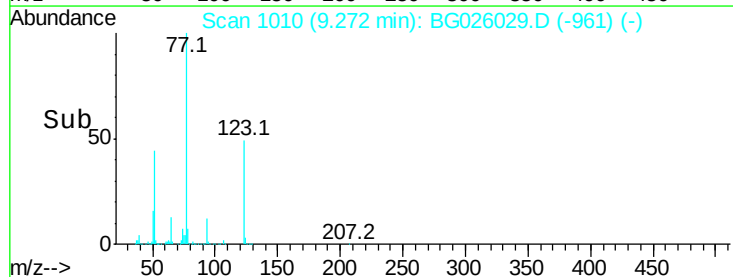
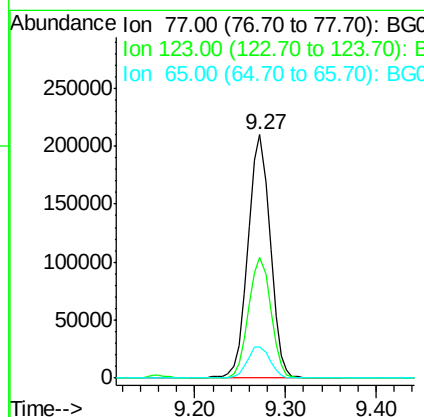
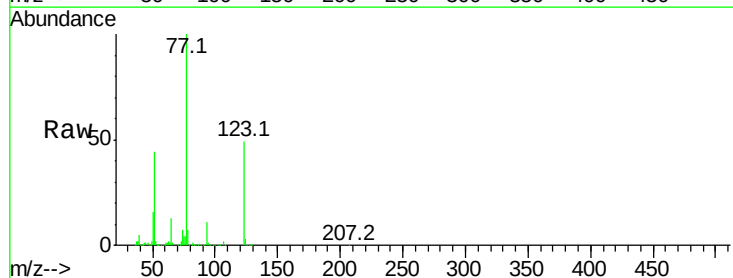
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

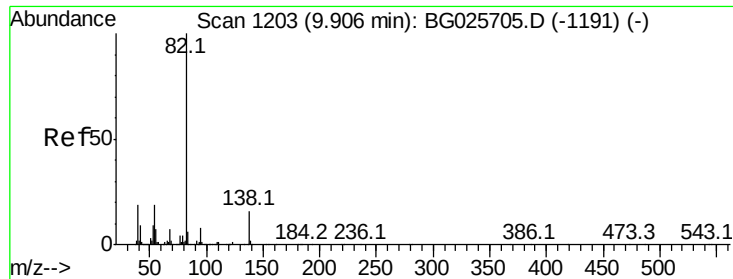
Tot Ion: 82 Resp: 731882
 Ion Ratio Lower Upper
 82 100
 128 47.4 26.4 39.6#
 54 46.3 49.4 74.2#



#24
 Nitrobenzene
 Concen: 38.76 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Tgt Ion: 77 Resp: 357789
 Ion Ratio Lower Upper
 77 100
 123 49.4 26.1 39.1#
 65 12.6 12.4 18.6





#25

Isophorone

Concen: 38.32 ng

RT: 9.79 min Scan# 1098

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

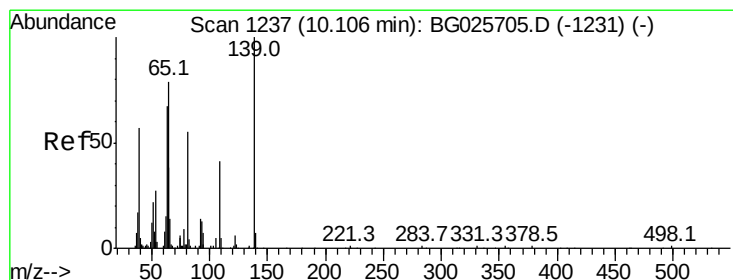
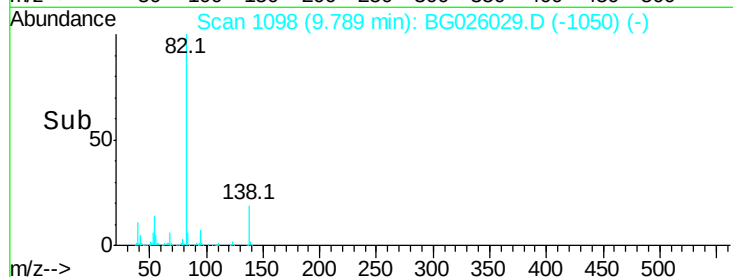
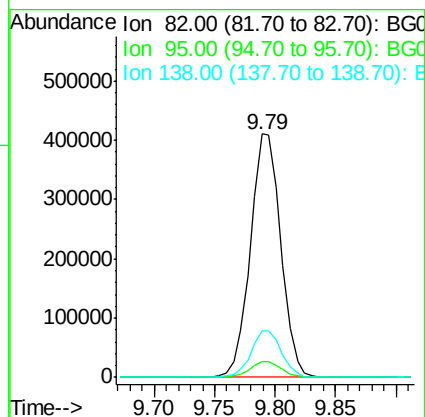
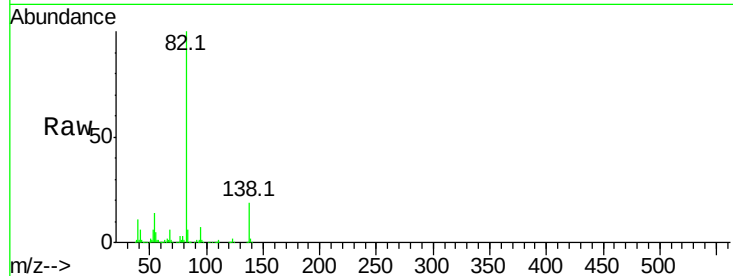
Tot Ion: 82 Resp: 719953

Ion Ratio Lower Upper

82 100

95 6.6 7.5 11.3#

138 19.3 12.3 18.5#



#26

2-Nitrophenol

Concen: 44.48 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

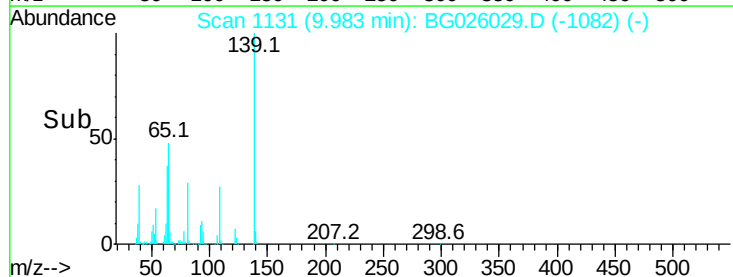
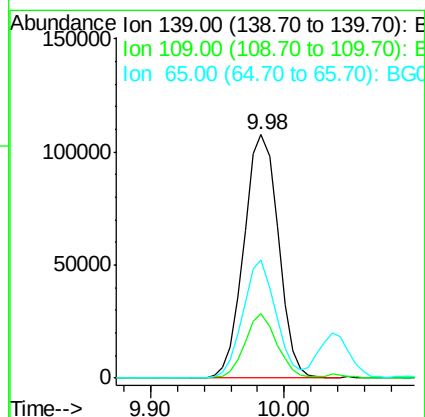
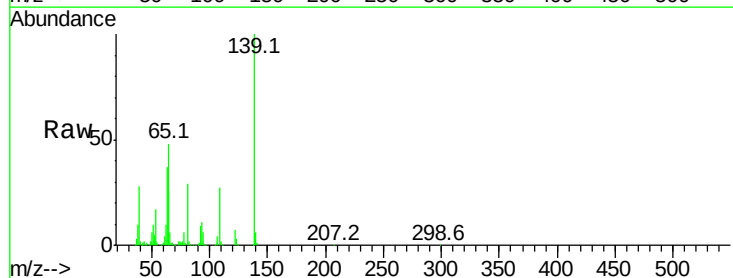
Tgt Ion: 139 Resp: 192015

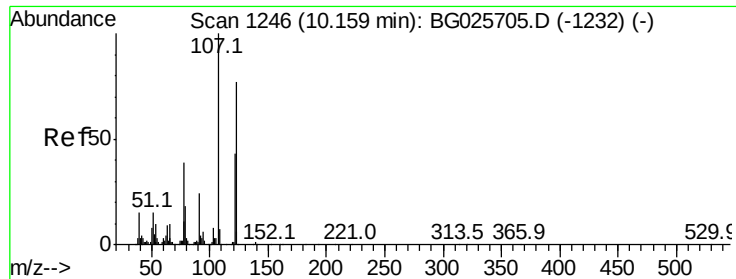
Ion Ratio Lower Upper

139 100

109 26.5 38.6 58.0#

65 48.3 57.1 85.7#





#27

2,4-Dimethylphenol

Concen: 43.14 ng

RT: 10.04 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

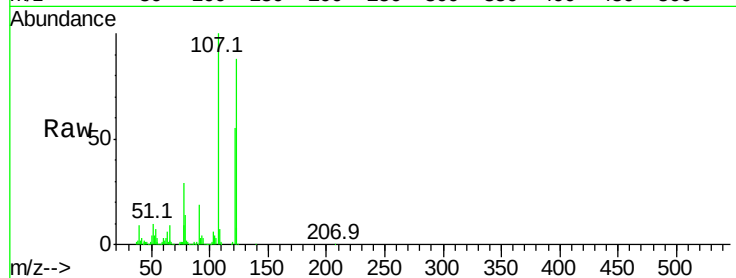
Tot Ion:122 Resp: 347581

Ion Ratio Lower Upper

122 100

107 113.2 104.2 156.4

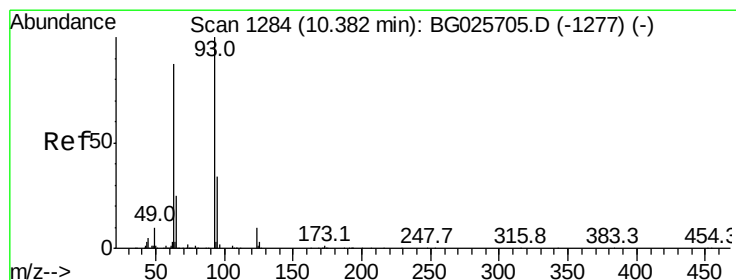
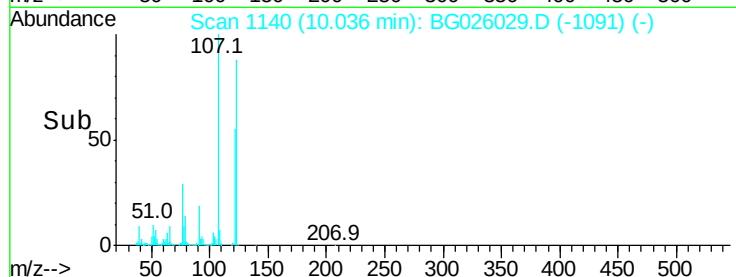
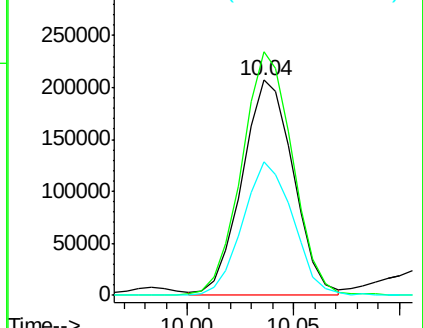
121 61.9 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.76 ng

RT: 10.27 min Scan# 1180

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

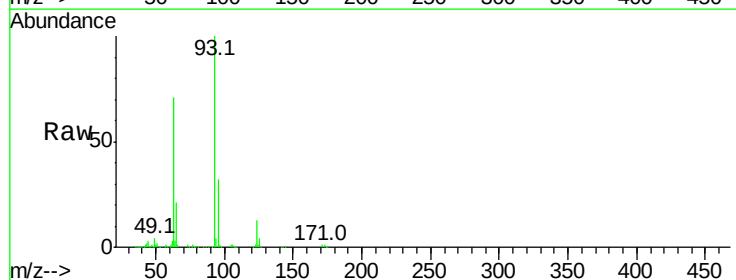
Tgt Ion: 93 Resp: 449579

Ion Ratio Lower Upper

93 100

95 32.0 25.7 38.5

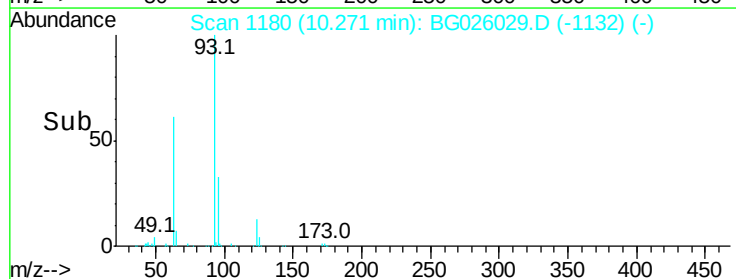
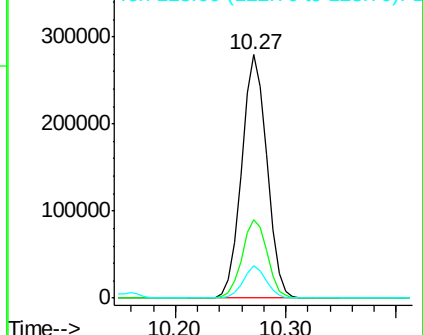
123 13.1 8.3 12.5#

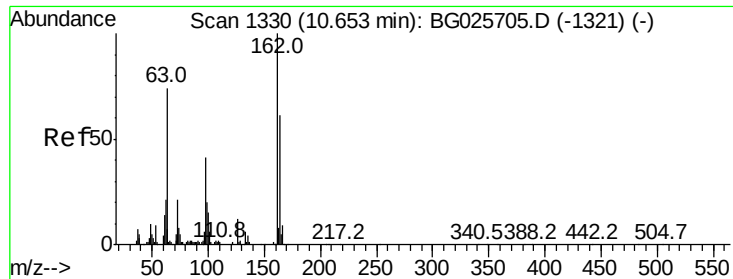


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

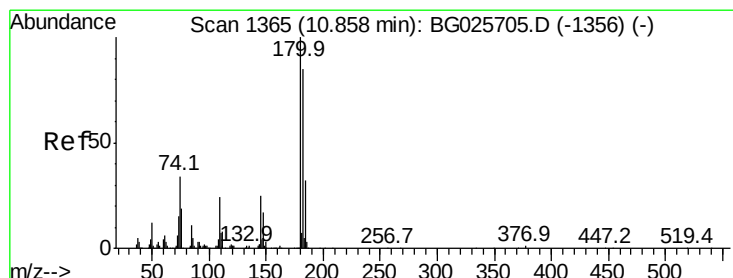
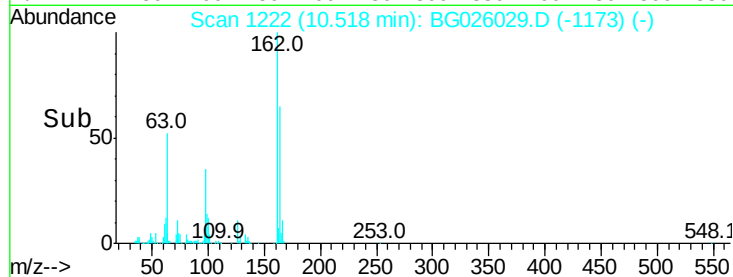
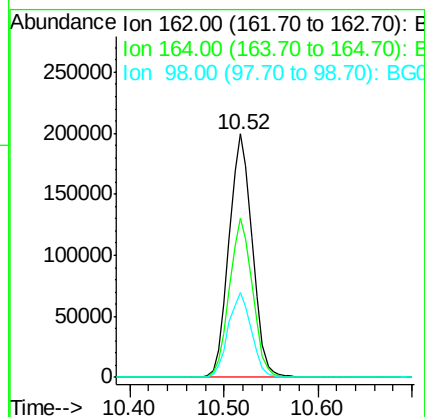
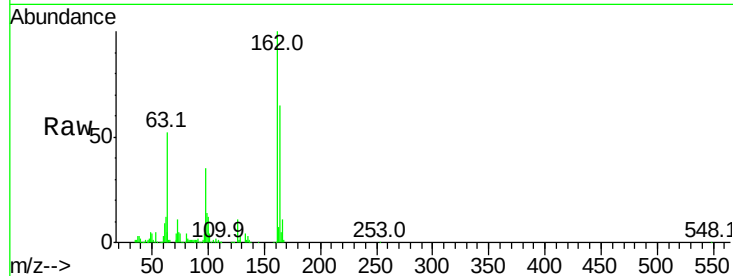




#29
2,4-Dichlorophenol
Concen: 44.69 ng
RT: 10.52 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

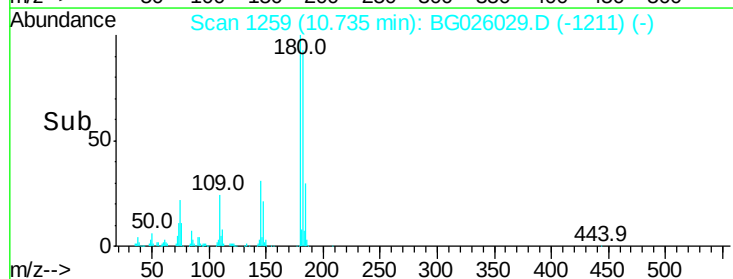
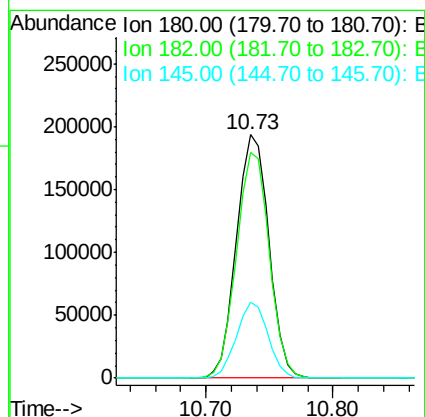
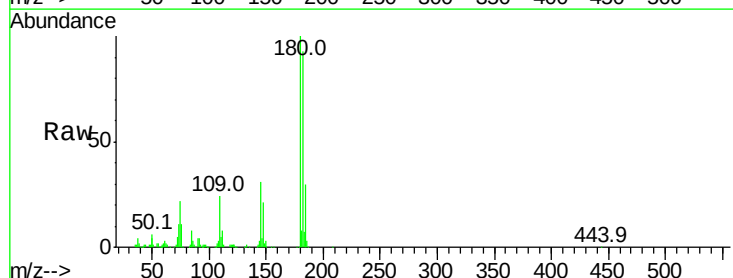
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

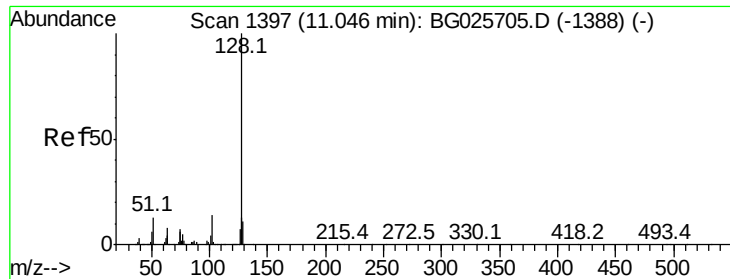
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.4	82.4
98	35.0	20.3	60.3



#30
1,2,4-Trichlorobenzene
Concen: 41.02 ng
RT: 10.73 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.8	77.0	115.4
145	31.1	23.4	35.0

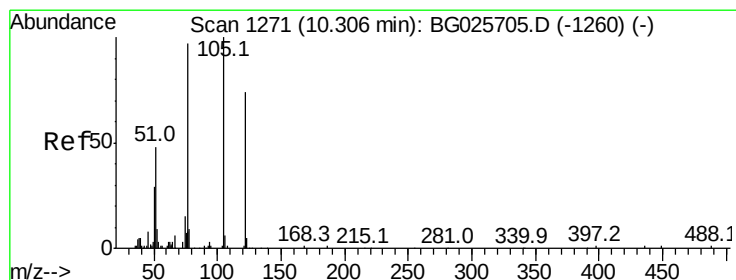
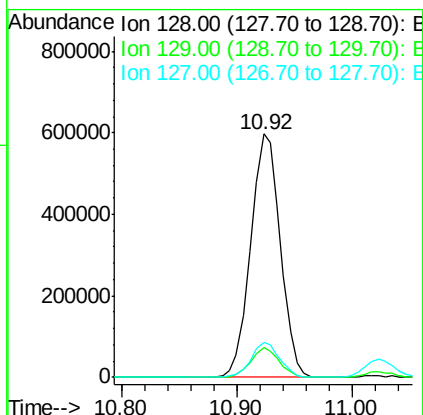
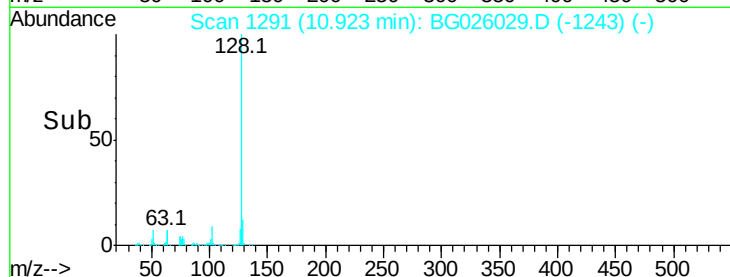
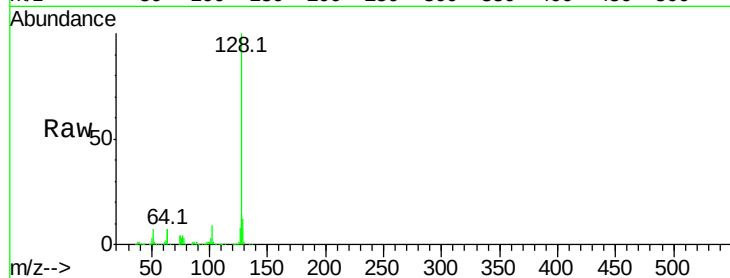




#31
Naphthalene
Concen: 38.35 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

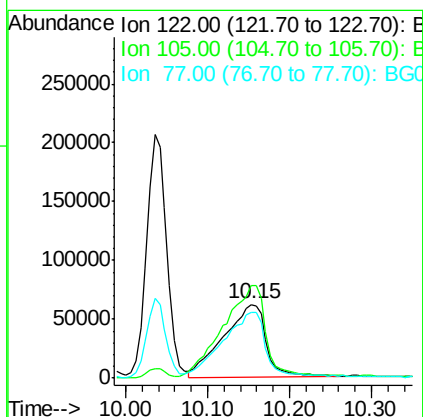
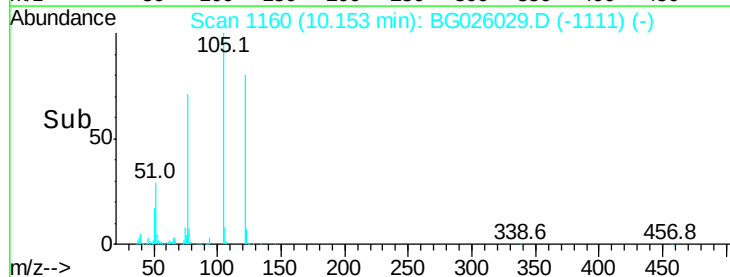
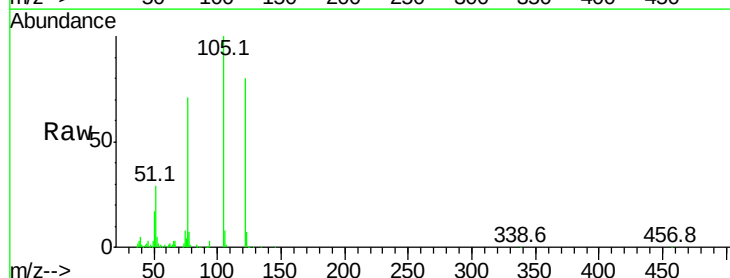
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

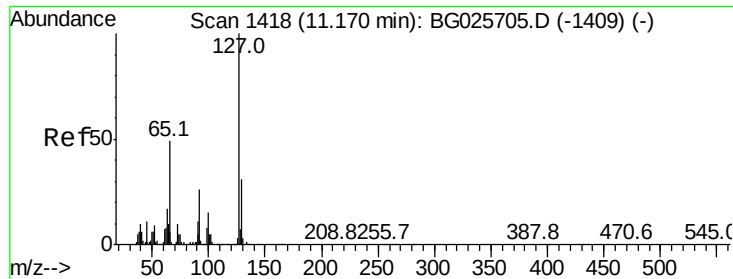
Tot Ion:128 Resp: 1068084
Ion Ratio Lower Upper
128 100
129 12.0 9.3 13.9
127 14.3 11.4 17.0



#32
Benzoic acid
Concen: 36.49 ng
RT: 10.15 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:122 Resp: 224466
Ion Ratio Lower Upper
122 100
105 125.5 120.1 160.1
77 89.5 104.6 144.6#

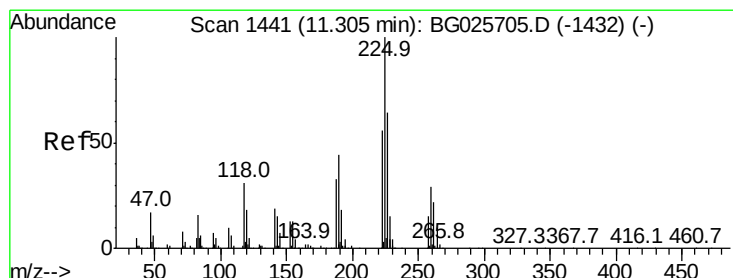
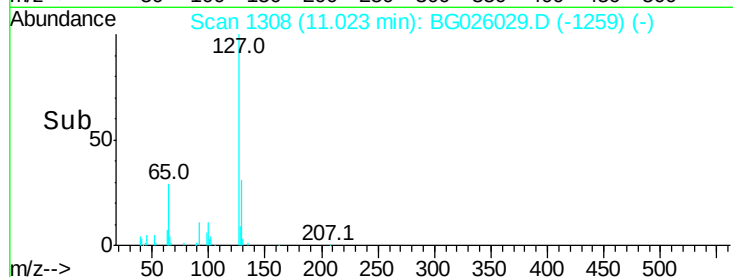
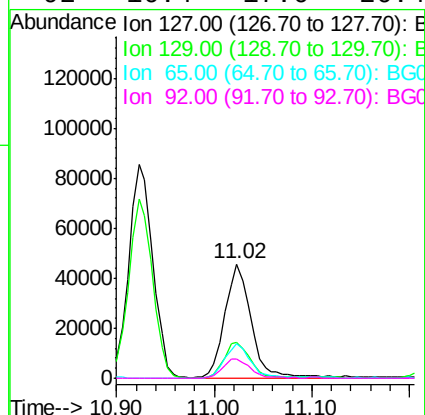
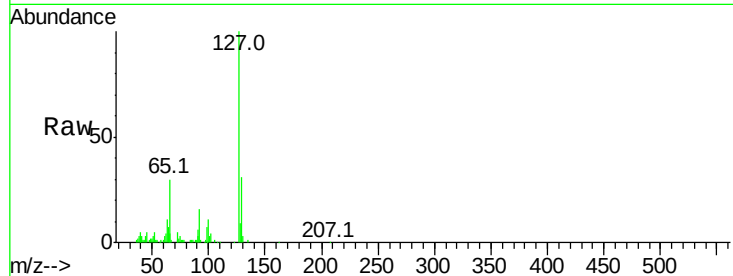




#33
4-Chloroaniline
Concen: 6.98 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

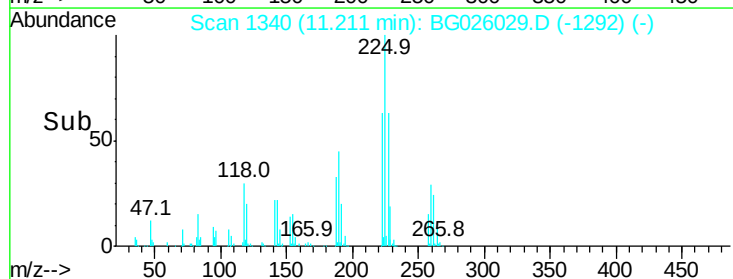
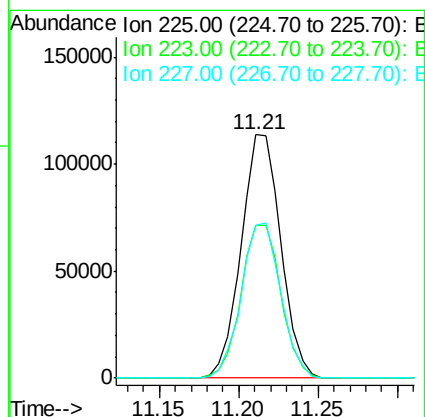
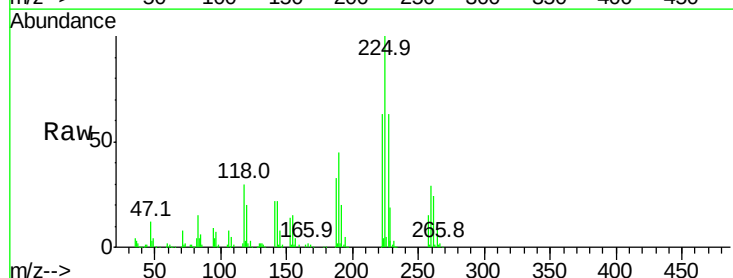
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

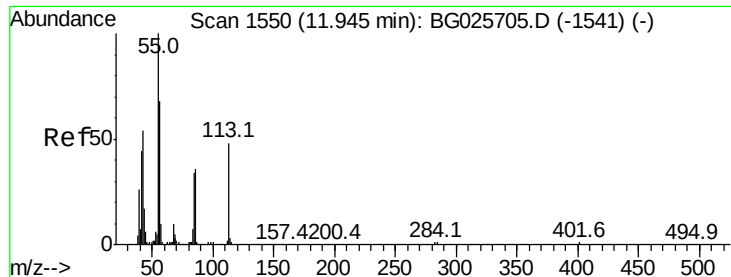
Tot Ion:127	Resp:	84407
Ion	Ratio	Lower Upper
127	100	
129	31.3	23.6 35.4
65	29.9	37.7 56.5#
92	16.4	17.6 26.4#



#34
Hexachlorobutadiene
Concen: 41.49 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:225	Resp:	197442
Ion	Ratio	Lower Upper
225	100	
223	62.7	50.7 76.1
227	62.8	49.0 73.6

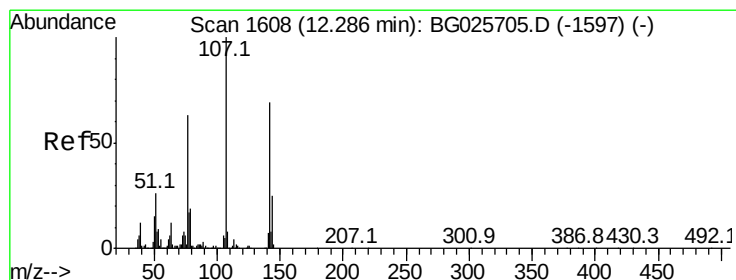
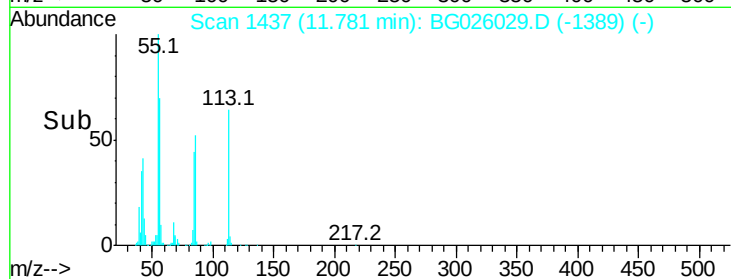
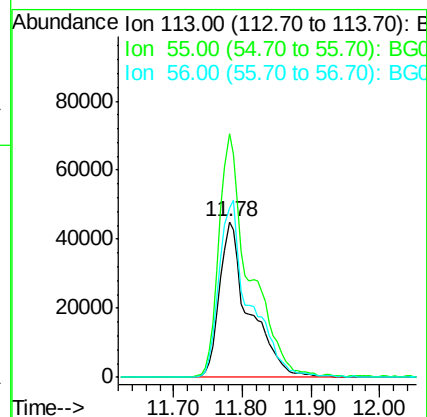
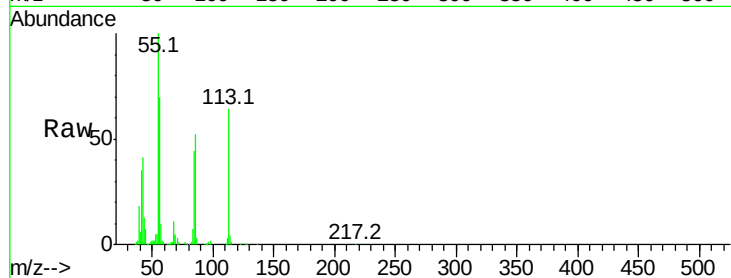




#35
 Caprolactam
 Concen: 43.42 ng
 RT: 11.78 min Scan# 1437
 Delta R.T. -0.02 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

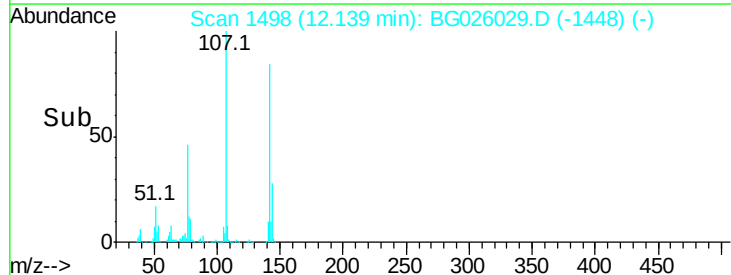
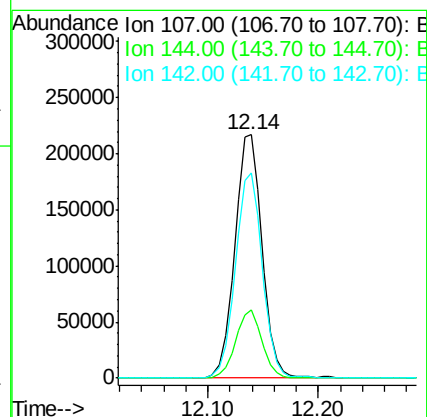
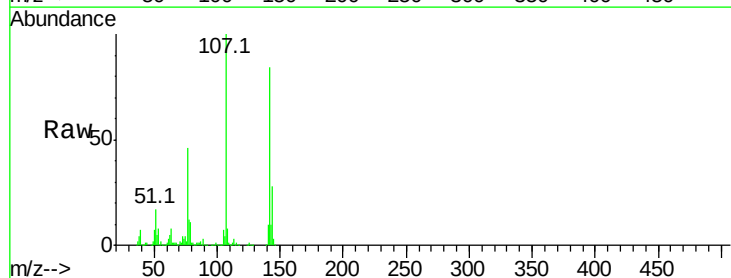
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

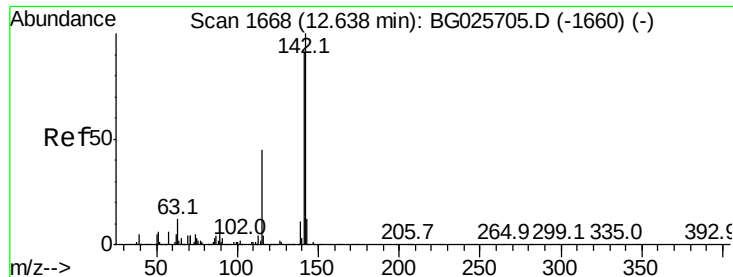
Tot Ion:113 Resp: 134842
 Ion Ratio Lower Upper
 113 100
 55 156.2 198.6 238.6#
 56 108.9 140.4 180.4#



#36
 4-Chloro-3-methylphenol
 Concen: 40.94 ng
 RT: 12.14 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Tgt Ion:107 Resp: 376672
 Ion Ratio Lower Upper
 107 100
 144 27.8 17.4 26.0#
 142 84.4 54.1 81.1#

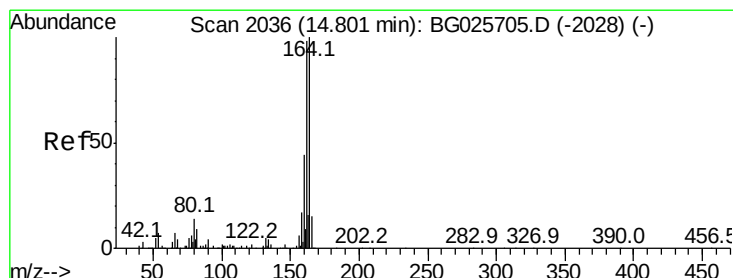
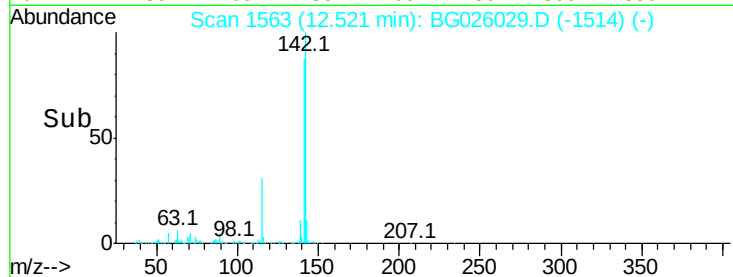
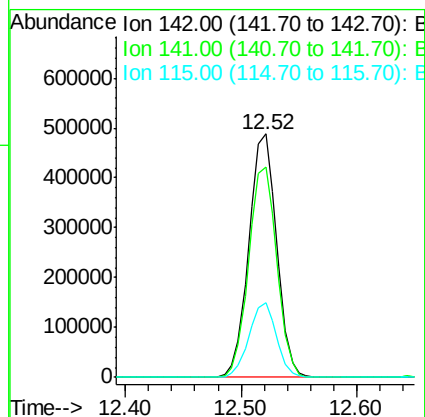
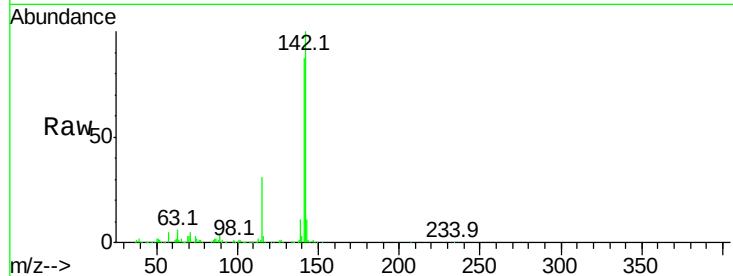




#37
2-Methylnaphthalene
Concen: 38.54 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

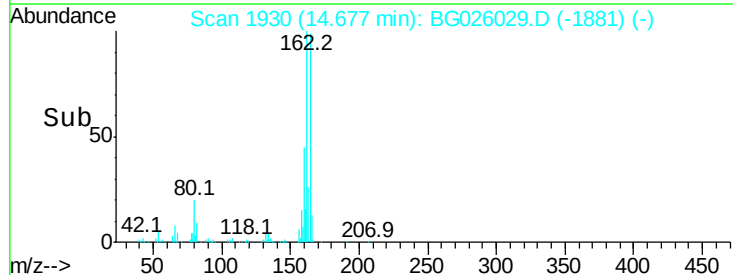
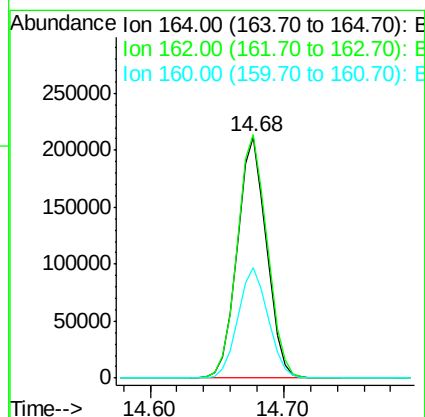
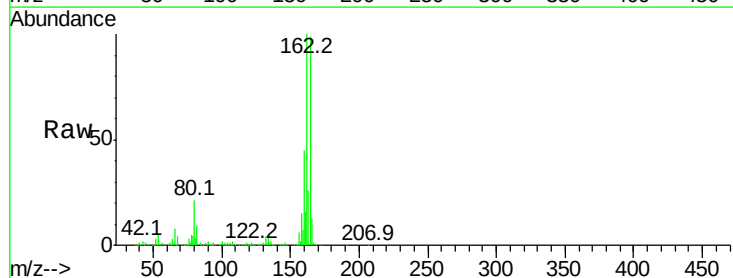
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

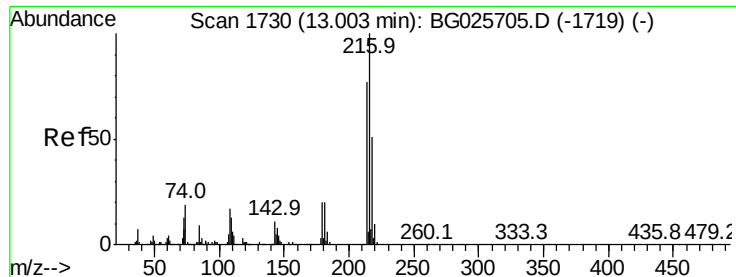
Tot Ion:142 Resp: 817583
Ion Ratio Lower Upper
142 100
141 86.5 70.4 105.6
115 30.7 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:164 Resp: 320443
Ion Ratio Lower Upper
164 100
162 100.8 85.1 127.7
160 45.7 34.7 52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.59 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:216 Resp: 366118

Ion	Ratio	Lower	Upper
216	100		
214	79.8	64.4	96.6
179	20.7	17.4	26.0
108	19.9	15.6	23.4

216 100

214 79.8 64.4 96.6

179 20.7 17.4 26.0

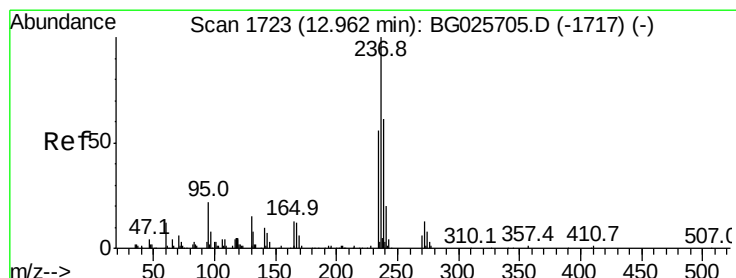
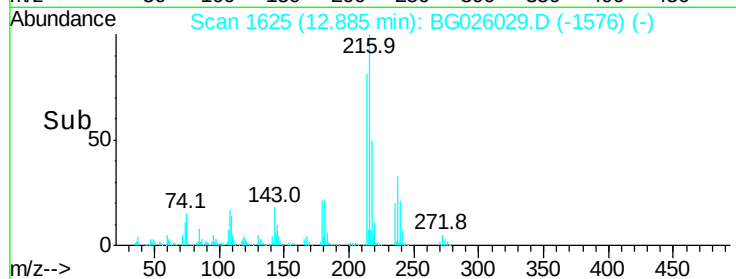
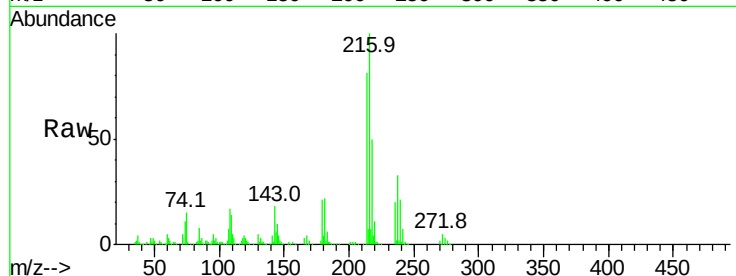
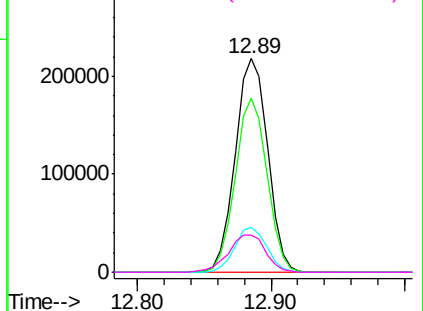
108 19.9 15.6 23.4

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: 92.41 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:237 Resp: 406132

Ion	Ratio	Lower	Upper
237	100		
235	61.4	39.4	79.4
272	12.1	0.0	32.0

237 100

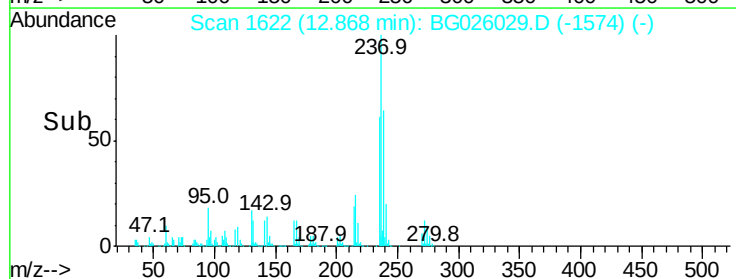
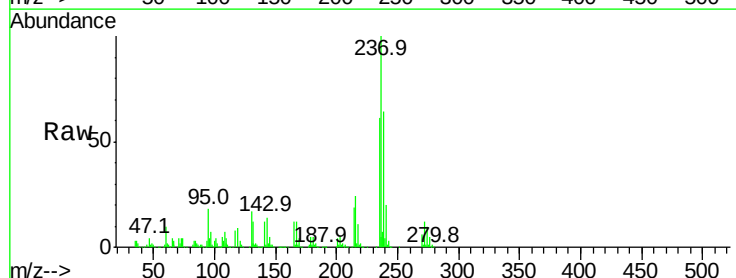
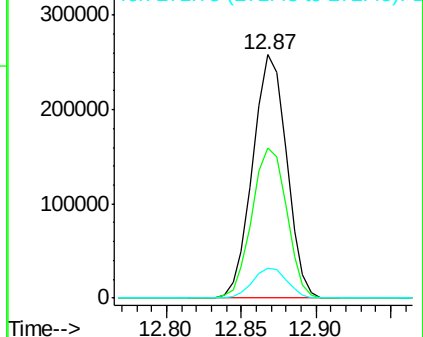
235 61.4 39.4 79.4

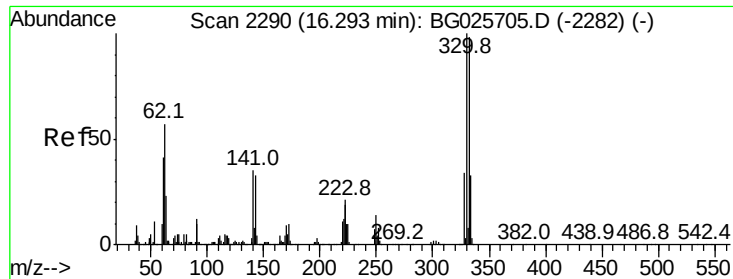
272 12.1 0.0 32.0

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

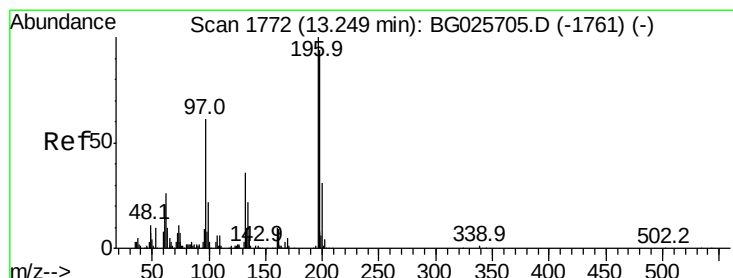
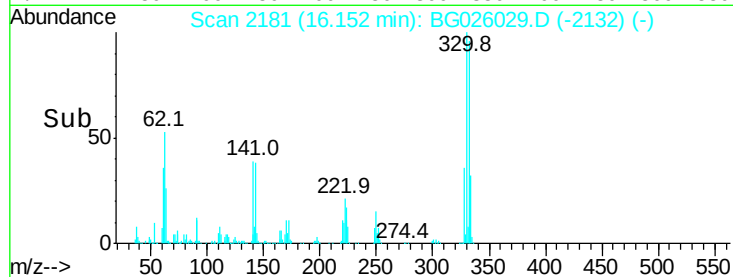
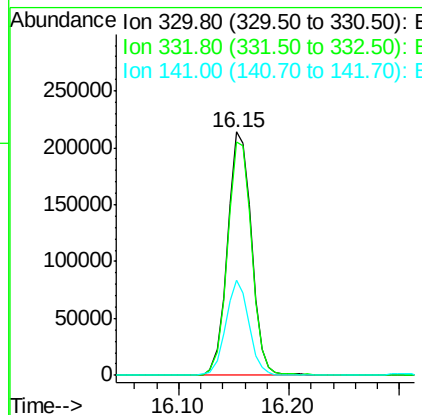
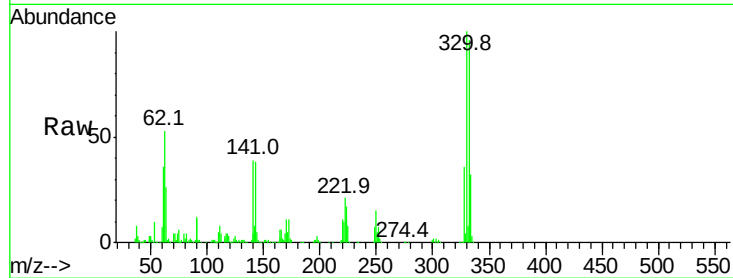




#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

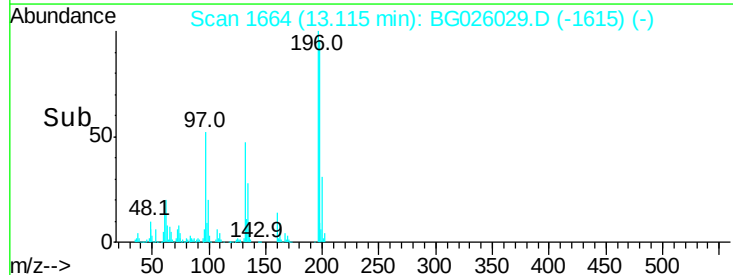
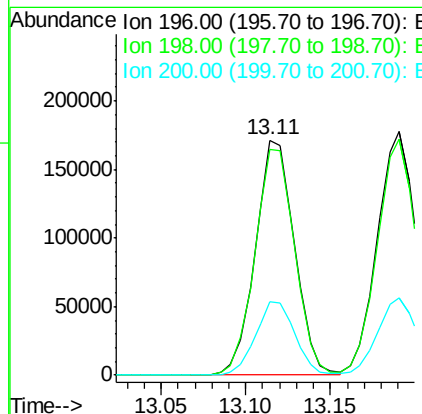
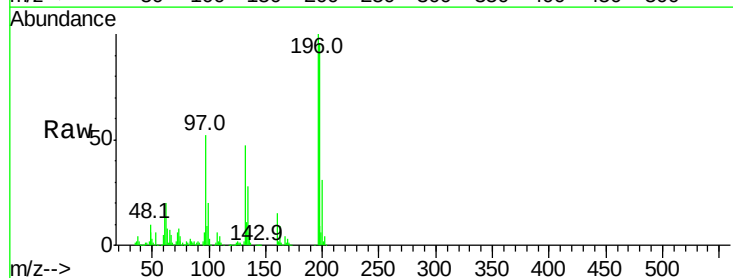
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

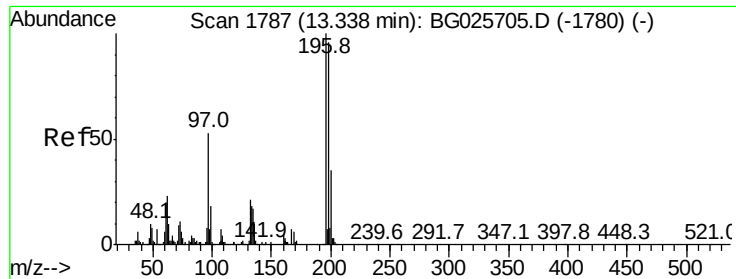
Tot Ion:330 Resp: 325322
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 37.8 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 52.93 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Tgt Ion:196 Resp: 274561
 Ion Ratio Lower Upper
 196 100
 198 96.4 81.4 122.2
 200 31.1 27.0 40.6

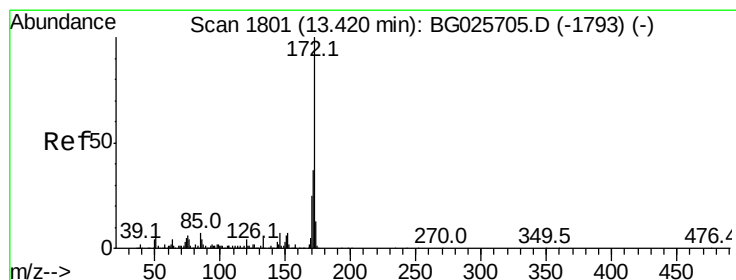
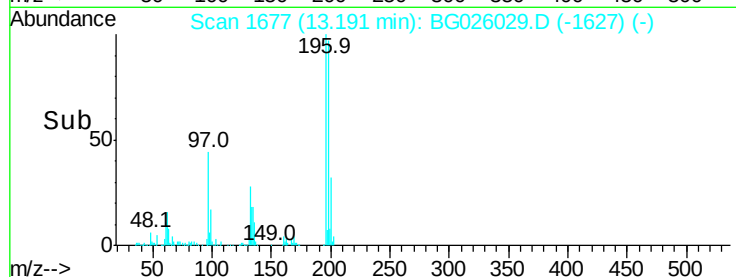
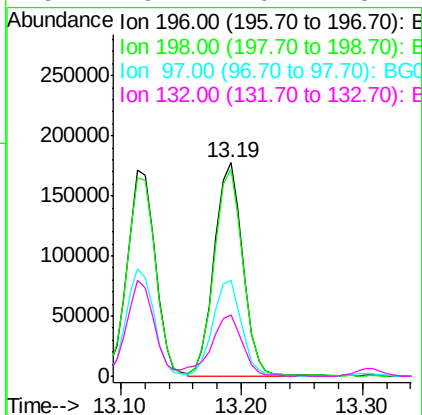
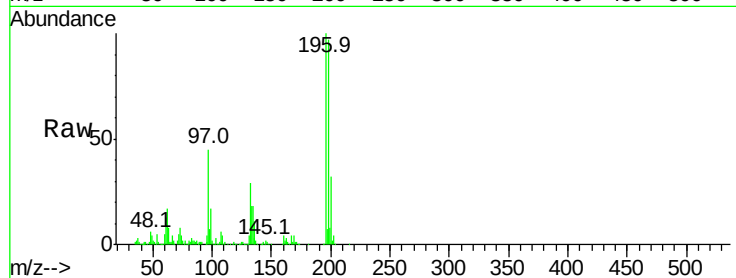




#43
 2,4,5-Trichlorophenol
 Concen: 48.89 ng
 RT: 13.19 min Scan# 1677
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

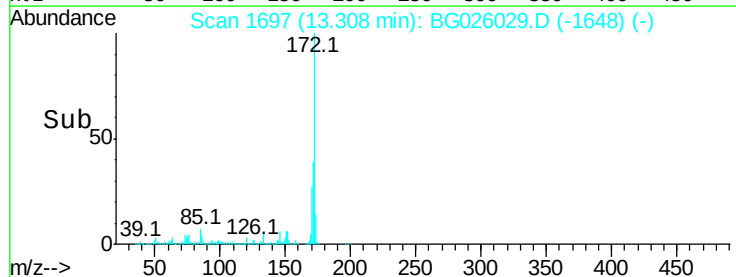
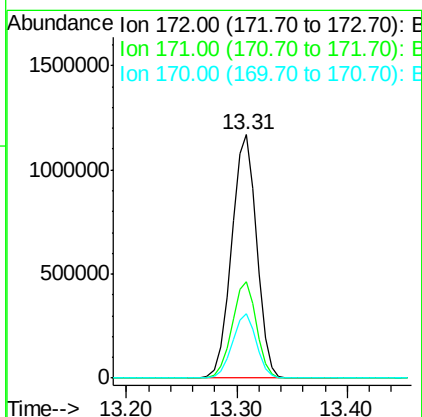
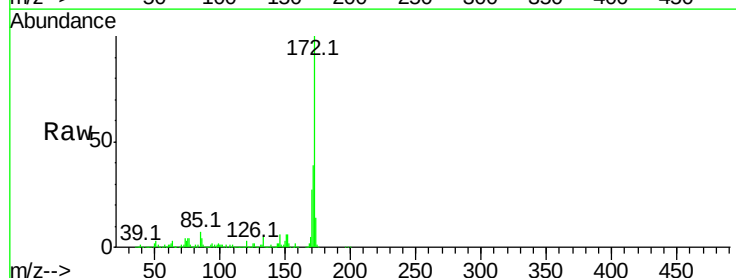
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

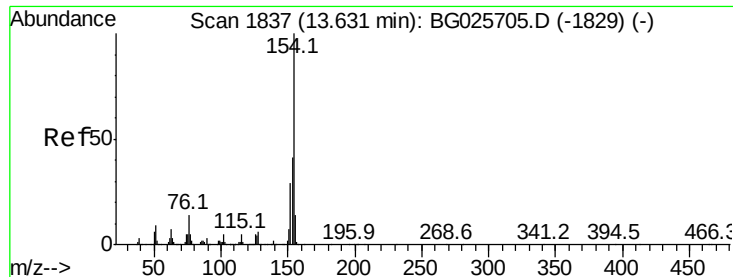
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	79.9	119.9
97	45.0	45.4	68.0
132	28.7	20.7	31.1



#44
 2-Fluorobiphenyl
 Concen: 101.26 ng
 RT: 13.31 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	32.2	48.2
170	26.7	21.8	32.6





#45

1,1'-Biphenyl

Concen: 45.20 ng

RT: 13.51 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

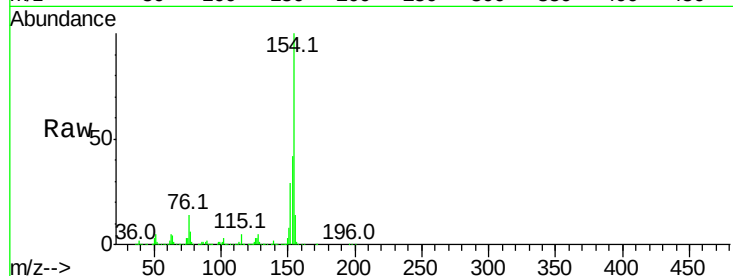
BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:154 Resp: 1049627

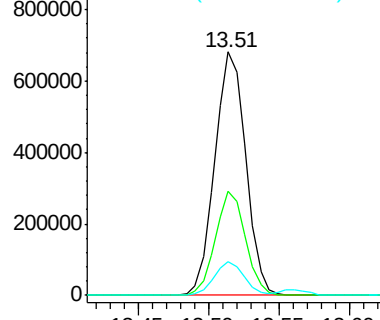
Ion	Ratio	Lower	Upper
154	100		
153	42.5	23.0	63.0
76	14.0	0.0	33.5



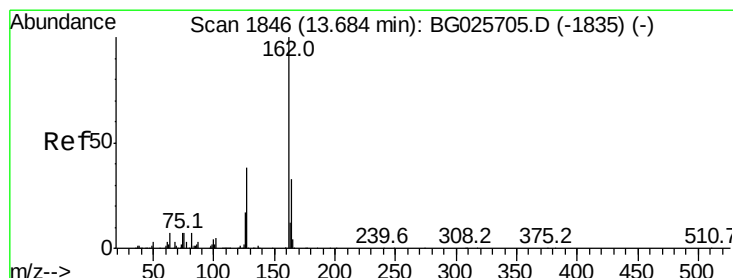
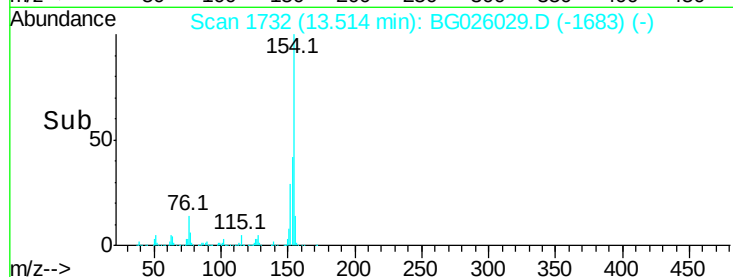
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



Time-->



#46

2-Chloronaphthalene

Concen: 45.69 ng

RT: 13.56 min Scan# 1740

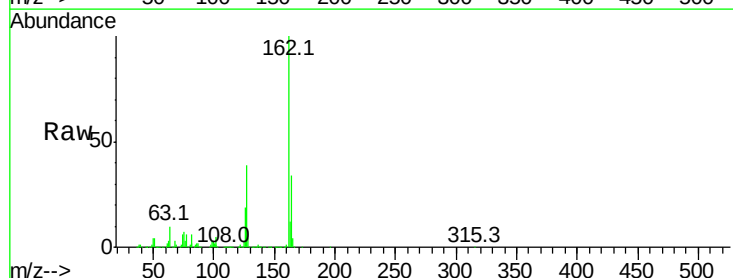
Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:162 Resp: 767082

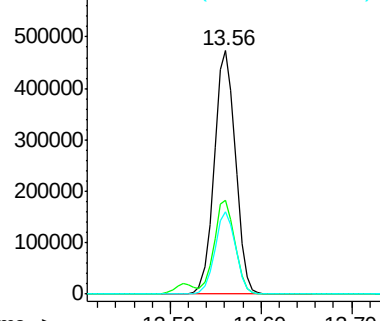
Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.2	48.4
164	33.7	27.3	40.9



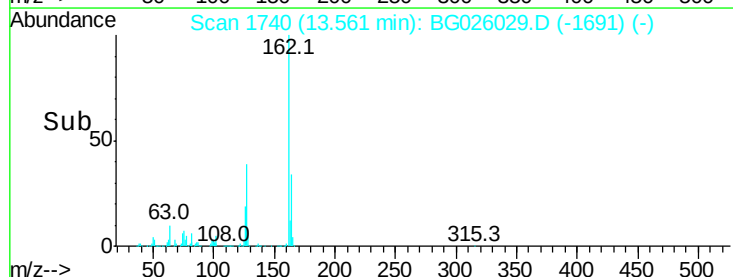
Abundance Ion 162.00 (161.70 to 162.70): E

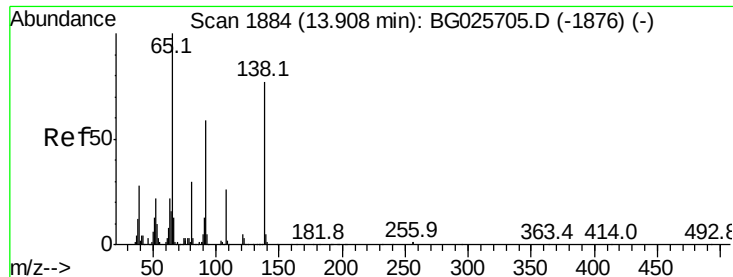
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->





#47

2-Nitroaniline

Concen: 44.05 ng

RT: 13.75 min Scan# 1772

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

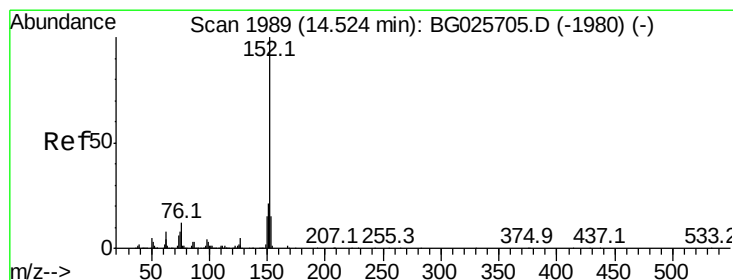
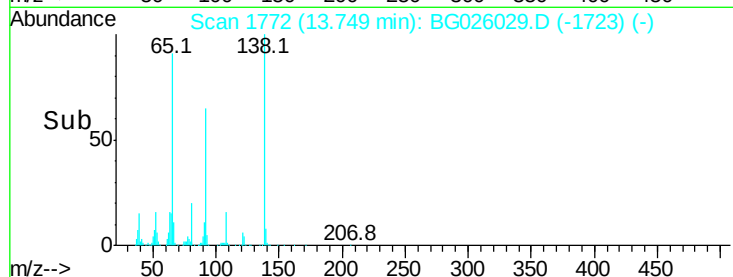
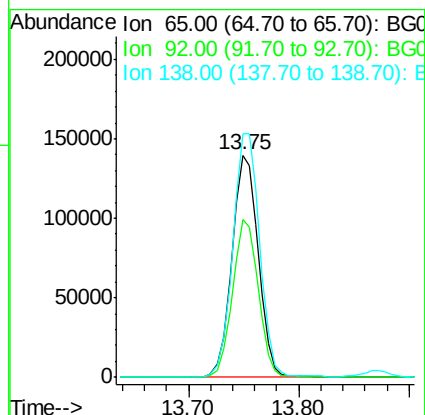
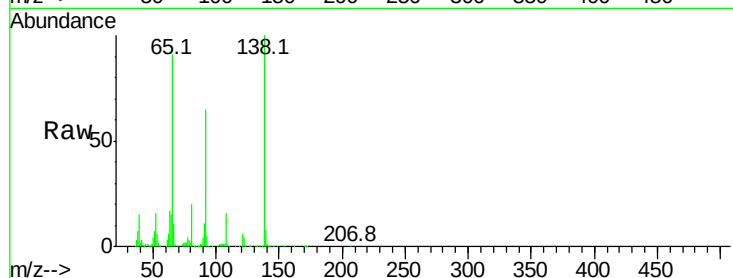
Tot Ion: 65 Resp: 234548

Ion Ratio Lower Upper

65 100

92 71.1 49.0 73.4

138 109.7 58.6 87.8#



#48

Acenaphthylene

Concen: 43.89 ng

RT: 14.40 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

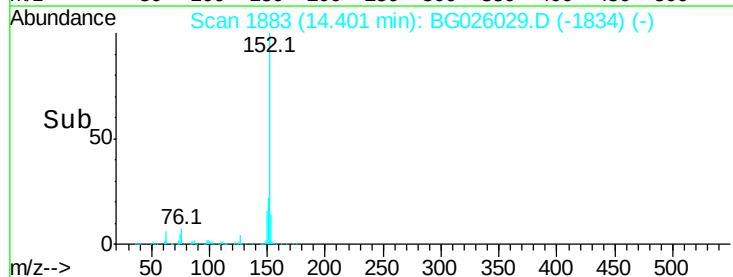
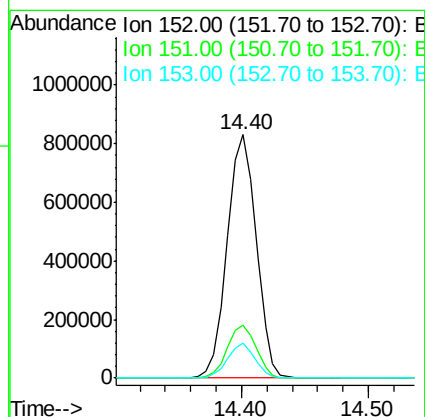
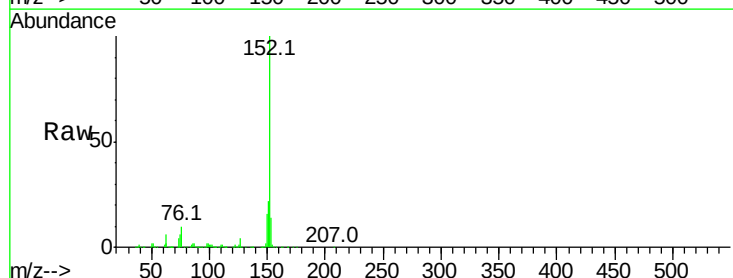
Tgt Ion: 152 Resp: 1311949

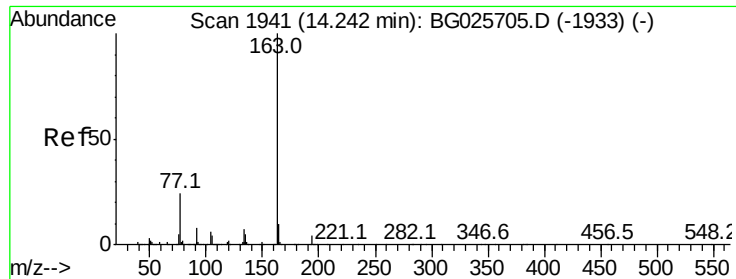
Ion Ratio Lower Upper

152 100

151 21.8 18.2 27.2

153 14.2 11.3 16.9





#49

Dimethylphthalate

Concen: 46.74 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

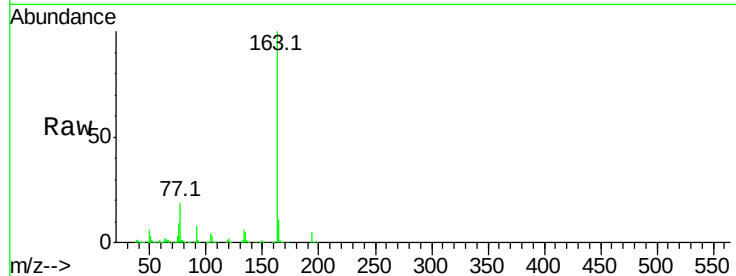
BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:163 Resp: 1027590

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.8	5.6
164	10.9	9.3	13.9

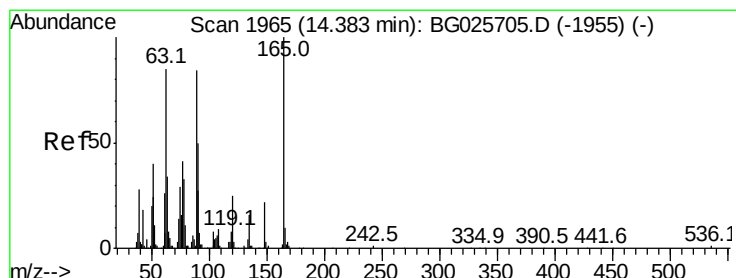
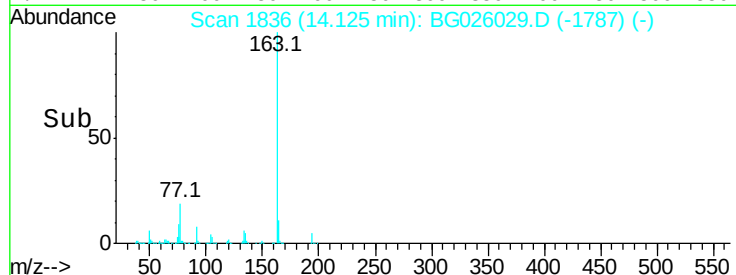
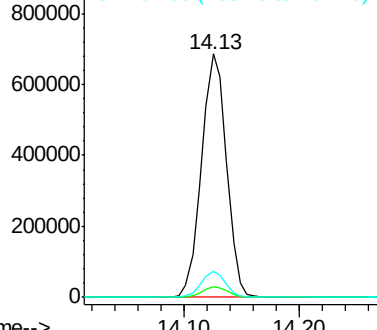


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.35 ng

RT: 14.24 min Scan# 1856

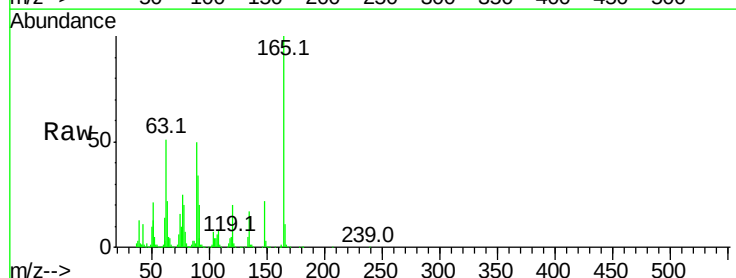
Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:165 Resp: 228882

Ion	Ratio	Lower	Upper
165	100		
63	51.3	63.9	95.9#
89	50.4	58.6	88.0#

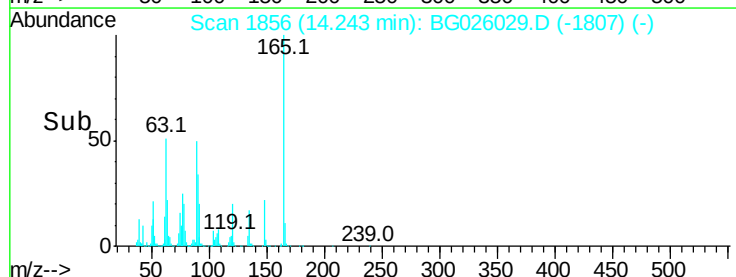
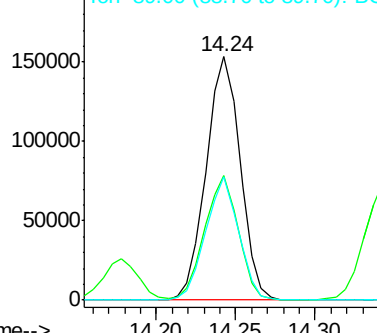


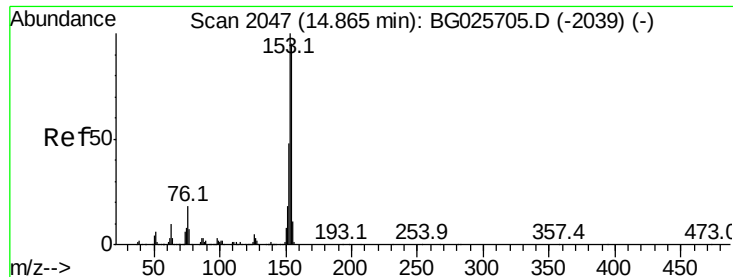
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.57 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

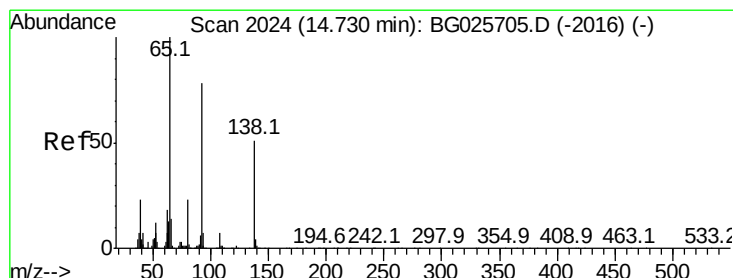
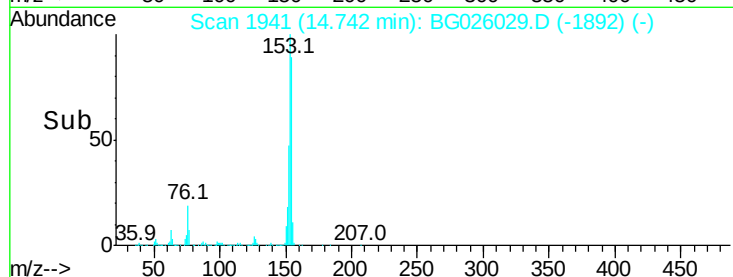
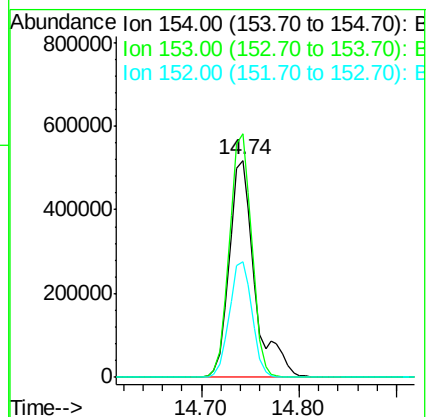
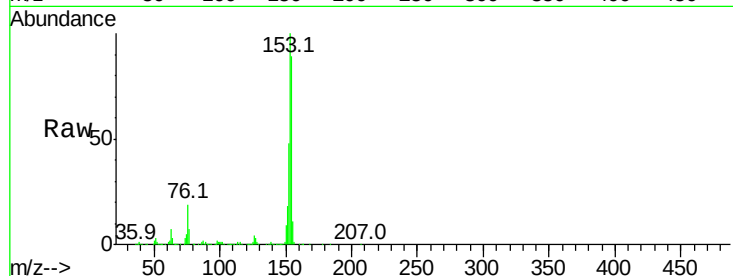
Tot Ion:154 Resp: 938955

Ion	Ratio	Lower	Upper
154	100		
153	112.3	87.8	131.6
152	53.4	42.2	63.4

154 100

153 112.3 87.8 131.6

152 53.4 42.2 63.4



#52

3-Nitroaniline

Concen: 14.04 ng

RT: 14.57 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

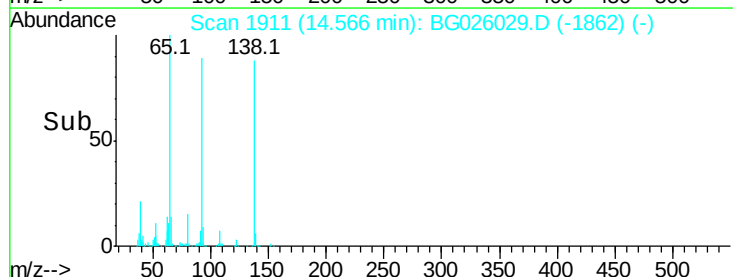
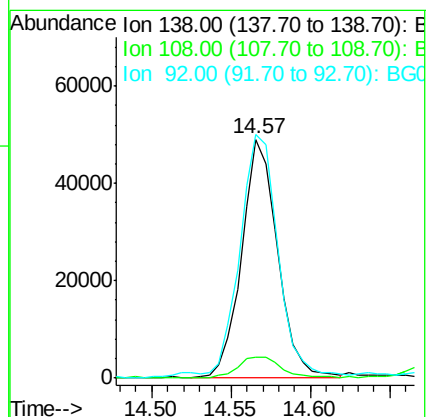
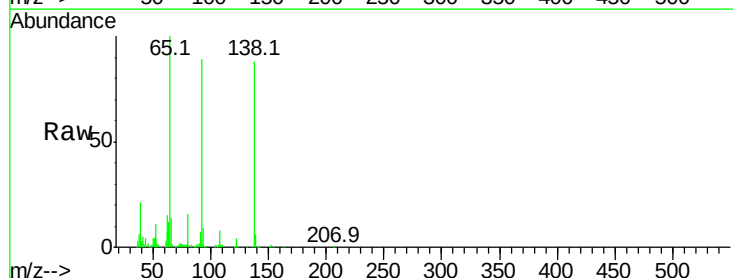
Tgt Ion:138 Resp: 77566

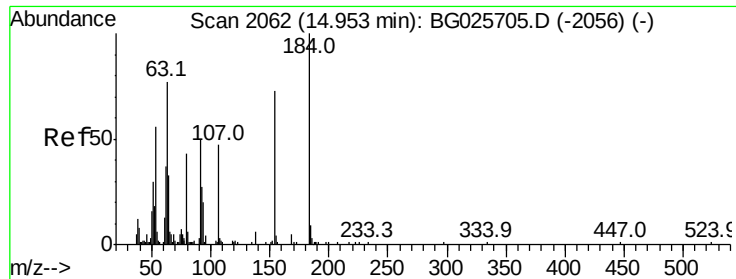
Ion	Ratio	Lower	Upper
138	100		
108	9.0	10.9	16.3#
92	101.9	115.3	172.9#

138 100

108 9.0 10.9 16.3#

92 101.9 115.3 172.9#

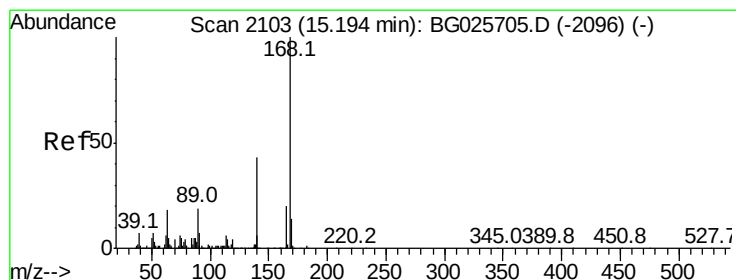
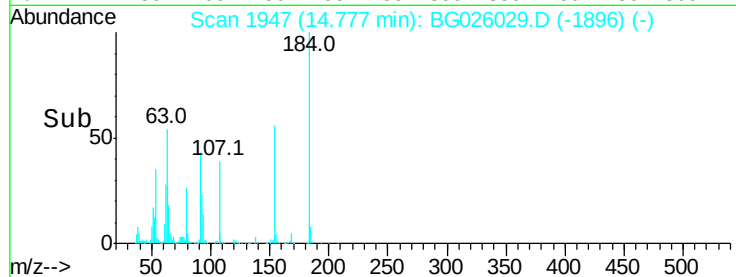
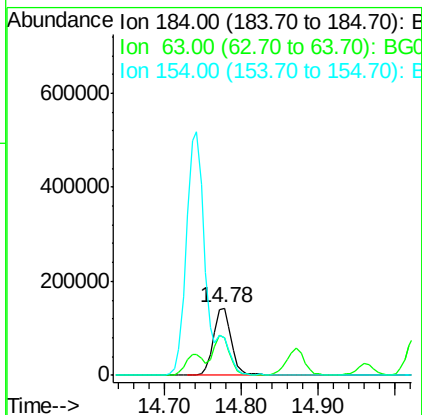
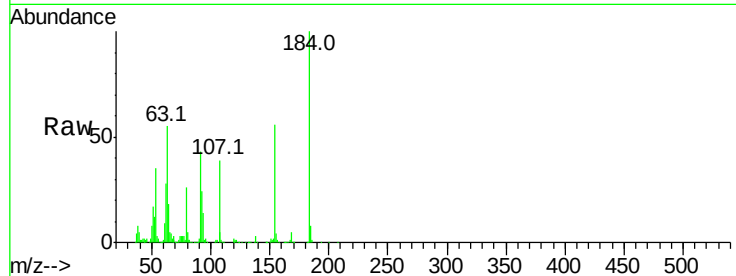




#53
2,4-Dinitrophenol
Concen: 88.87 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

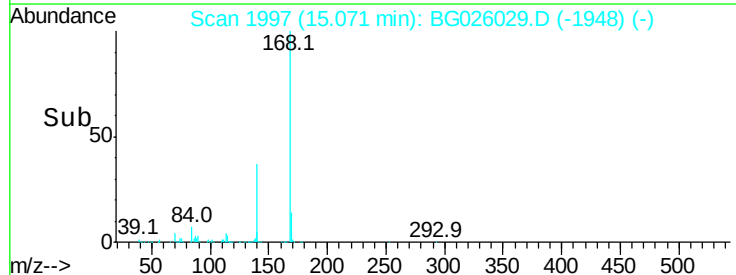
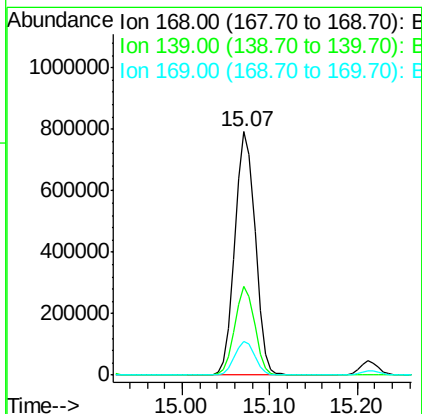
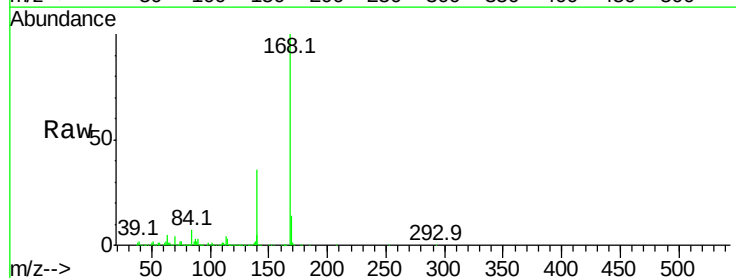
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

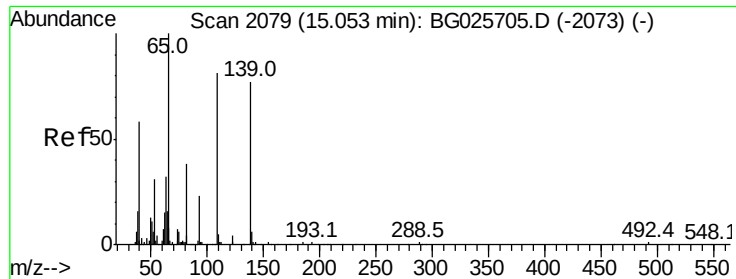
Tot Ion:184 Resp: 229648
Ion Ratio Lower Upper
184 100
63 54.6 52.7 79.1
154 56.4 57.3 85.9#



#54
Dibenzofuran
Concen: 47.20 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:168 Resp: 1242318
Ion Ratio Lower Upper
168 100
139 36.5 35.3 52.9
169 13.8 11.5 17.3





#55

4-Nitrophenol

Concen: 83.47 ng

RT: 14.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

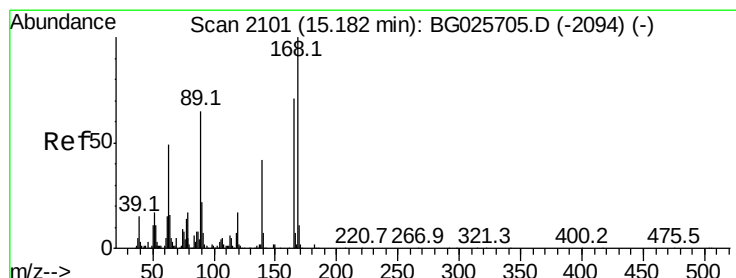
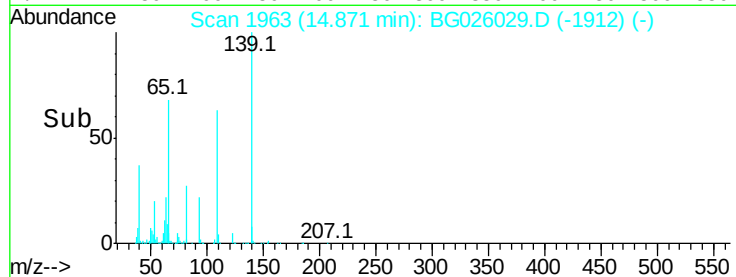
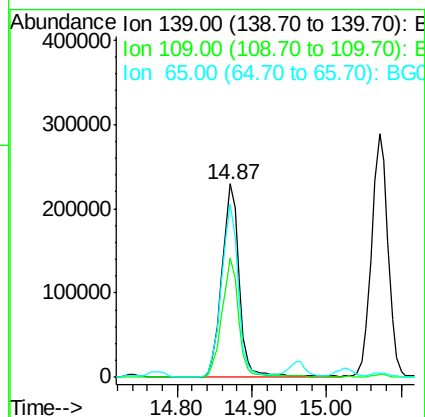
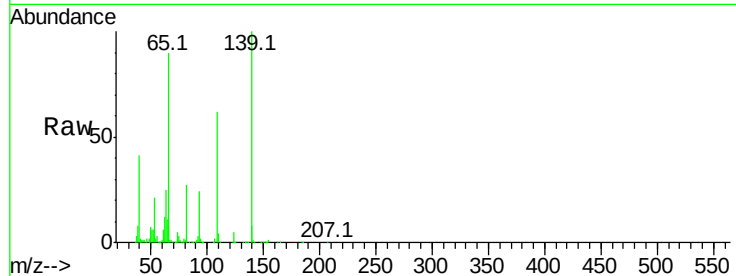
Tot Ion:139 Resp: 375212

Ion Ratio Lower Upper

139 100

109 61.9 101.2 141.2#

65 89.6 135.3 175.3#



#56

2,4-Dinitrotoluene

Concen: 48.06 ng

RT: 15.02 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:165 Resp: 319314

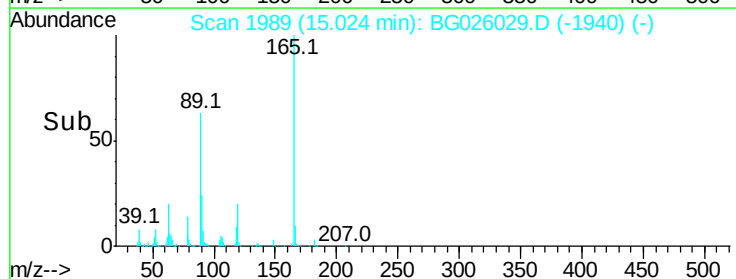
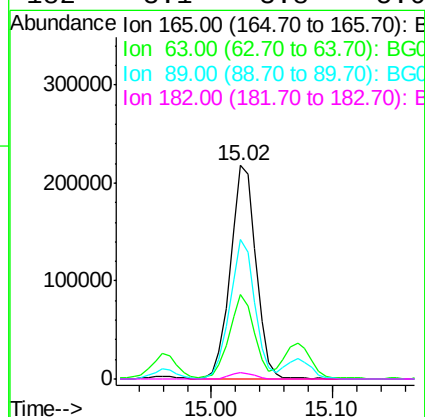
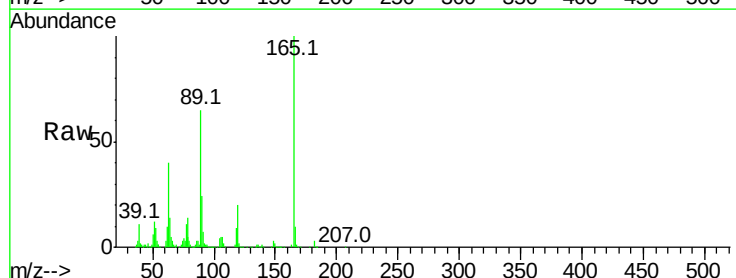
Ion Ratio Lower Upper

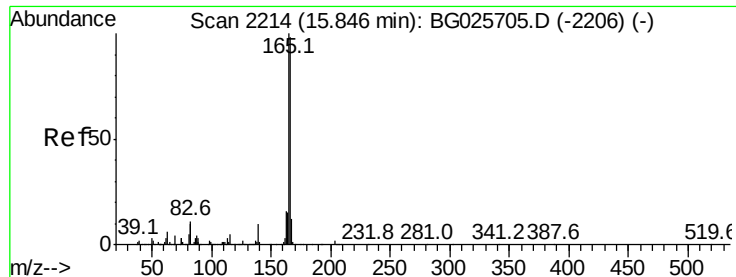
165 100

63 39.8 44.0 66.0#

89 65.1 67.3 100.9#

182 3.1 3.8 5.6#





#57

Fluorene

Concen: 43.76 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

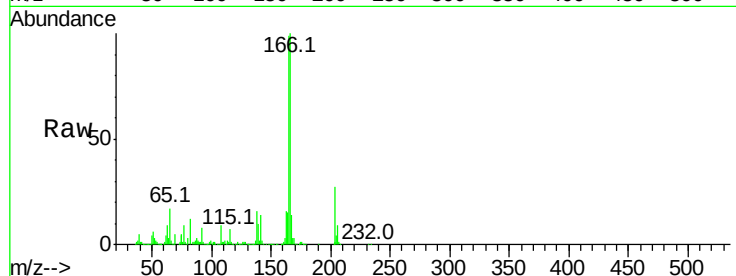
BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:166 Resp: 1029137

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	14.2	11.6	17.4

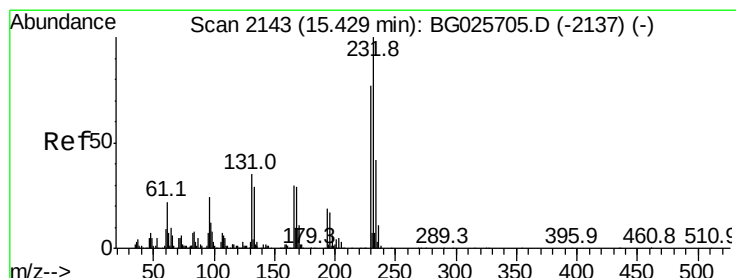
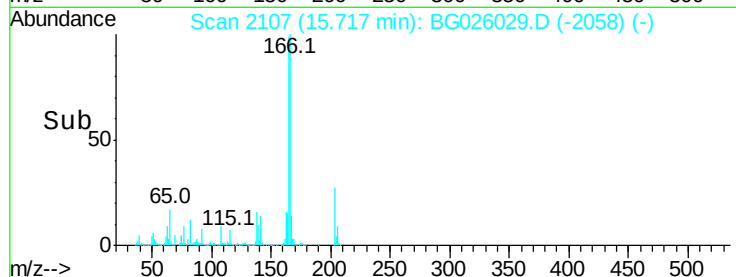
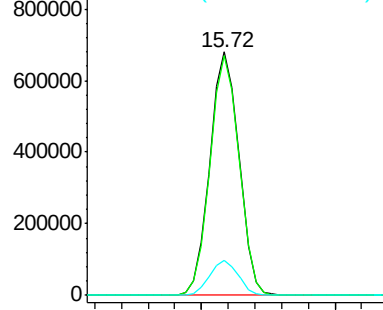


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.29 ng

RT: 15.29 min Scan# 2035

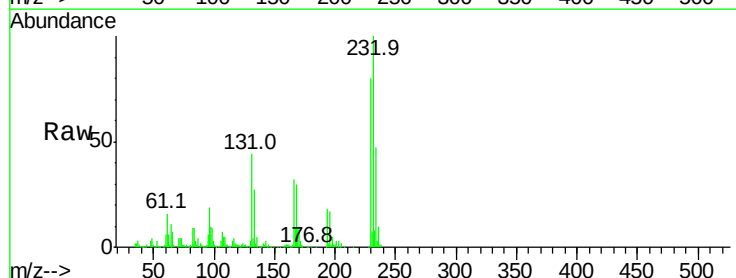
Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:232 Resp: 271610

Ion	Ratio	Lower	Upper
232	100		
131	45.2	34.9	52.3
130	2.6	2.3	3.5
166	31.1	24.2	36.4



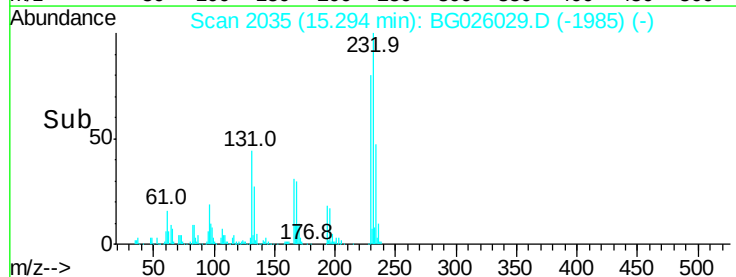
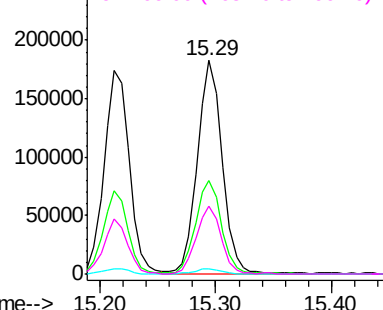
Abundance

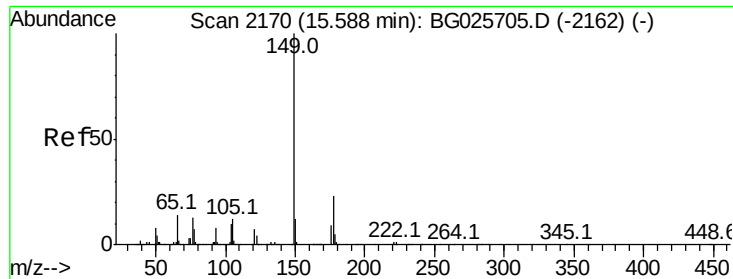
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.86 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

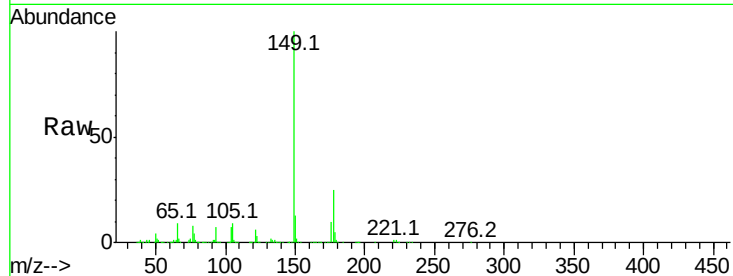
BNA_G

ClientSampleId :

PB97261BSD

Tot Ion:149 Resp: 1065594

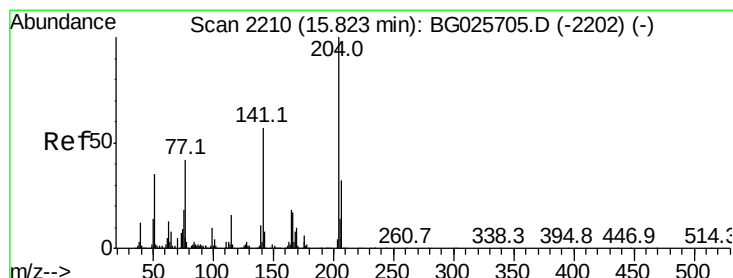
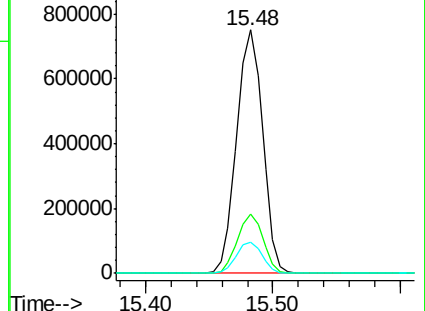
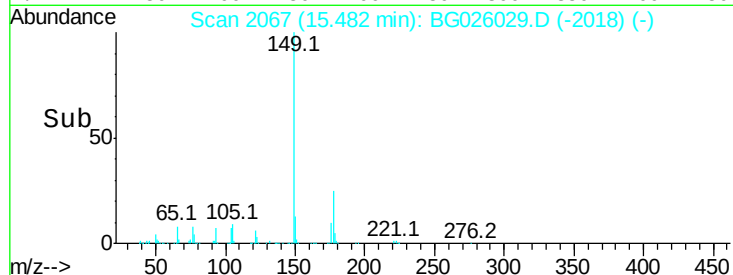
Ion	Ratio	Lower	Upper
149	100		
177	24.5	20.1	30.1
150	13.0	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.83 ng

RT: 15.71 min Scan# 2105

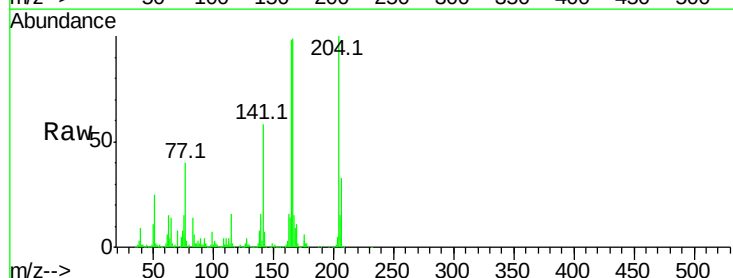
Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Tgt Ion:204 Resp: 488541

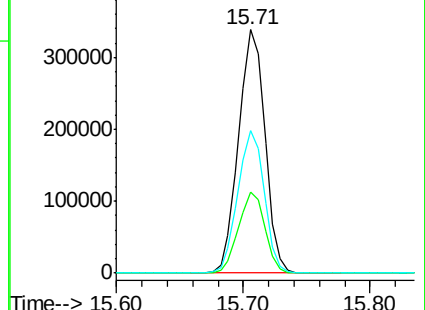
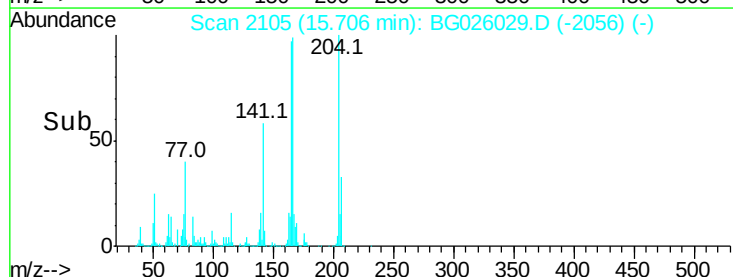
Ion	Ratio	Lower	Upper
204	100		
206	33.3	30.1	45.1
141	58.4	50.6	76.0

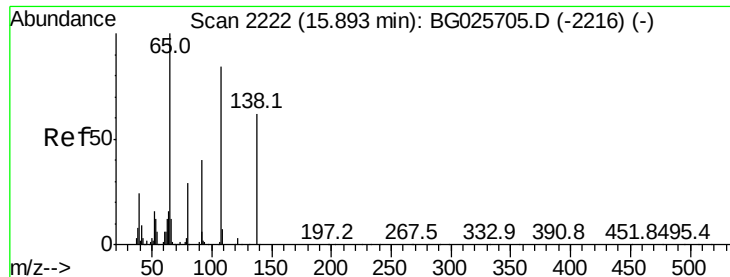


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

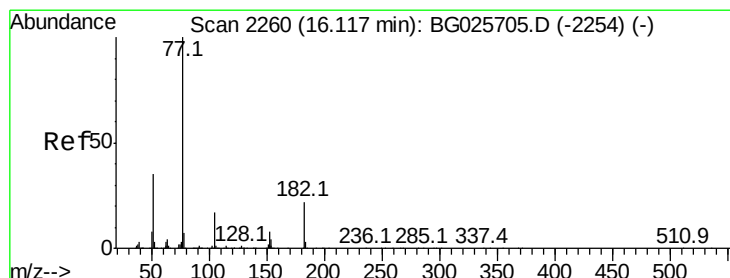
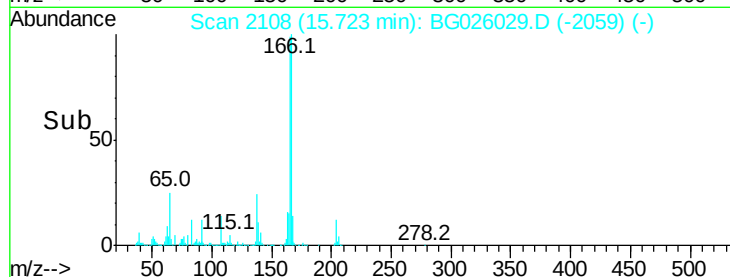
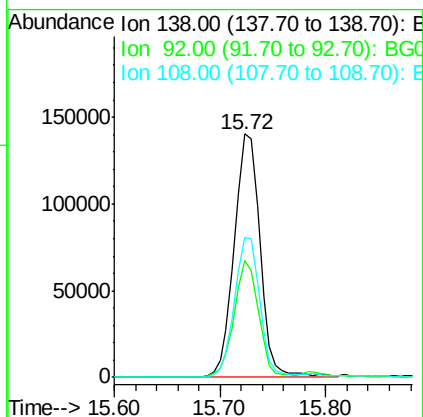
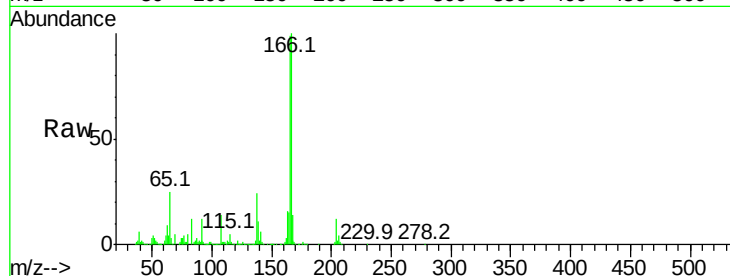




#61
4-Nitroaniline
Concen: 41.58 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

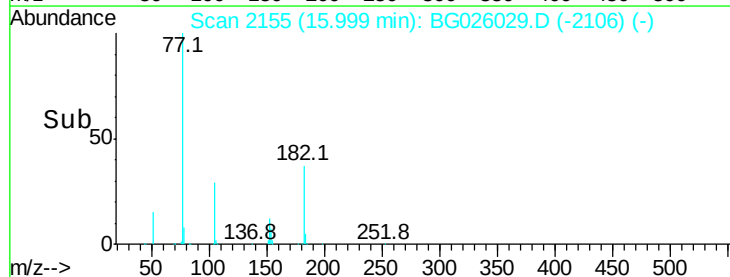
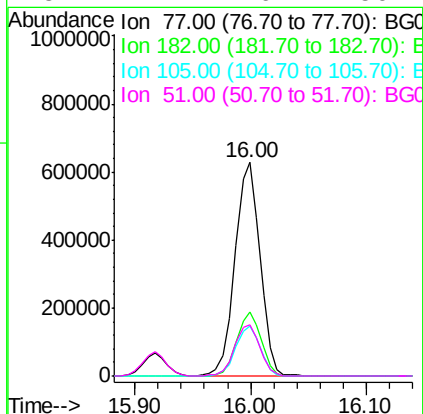
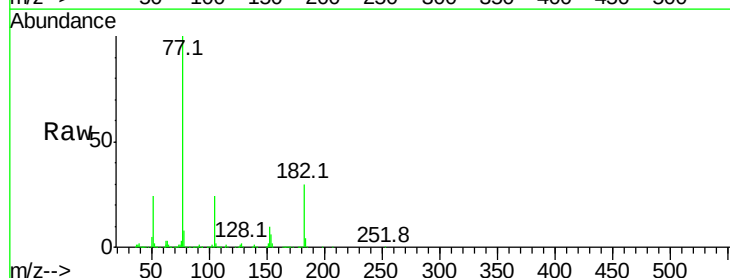
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

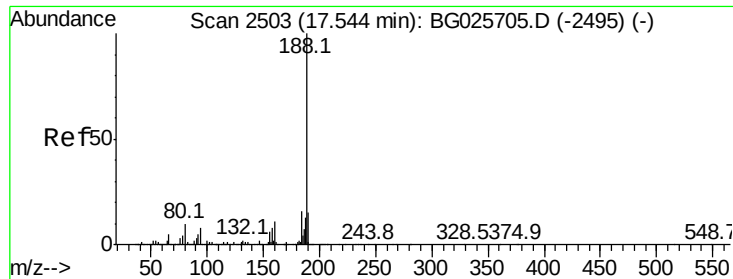
Tot Ion:138 Resp: 238061
Ion Ratio Lower Upper
138 100
92 48.2 44.2 84.2
108 57.6 104.8 144.8#



#62
Azobenzene
Concen: 47.91 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion: 77 Resp: 936356
Ion Ratio Lower Upper
77 100
182 30.0 4.7 44.7
105 23.5 0.0 36.3
51 24.1 16.4 56.4

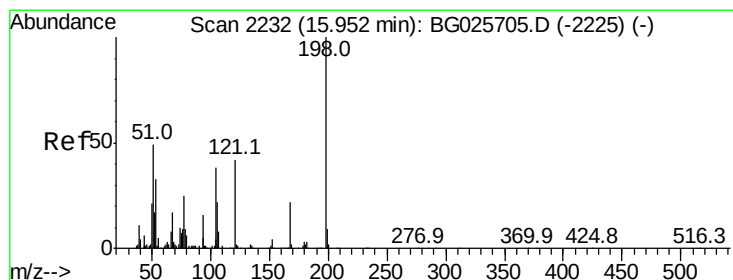
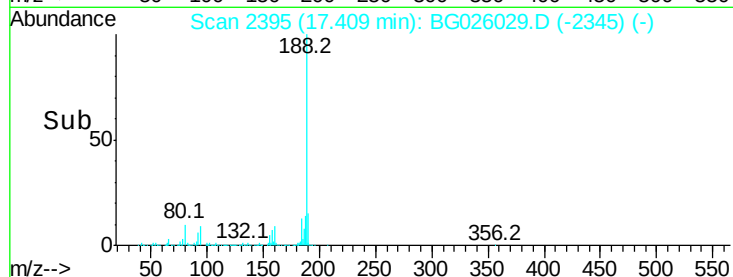
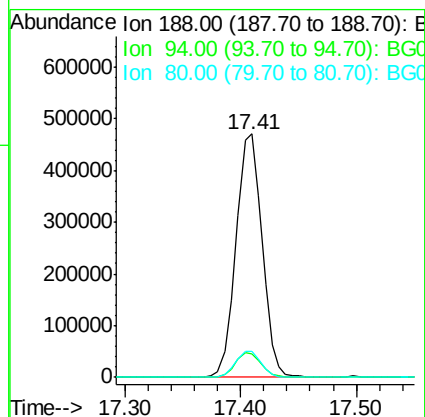
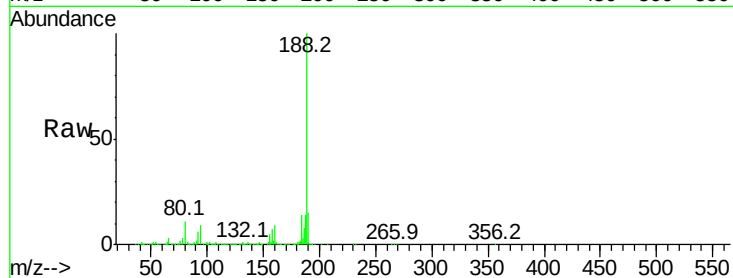




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

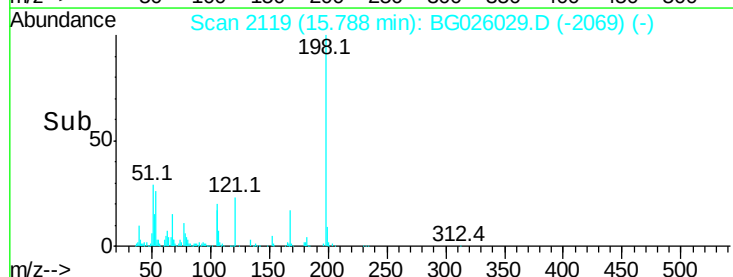
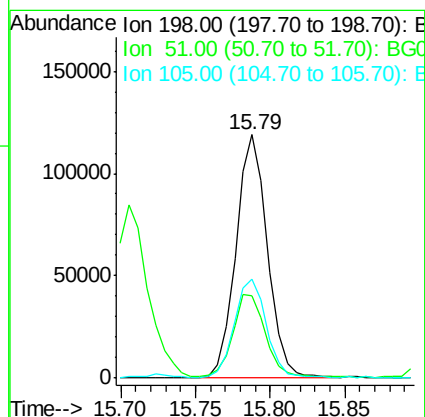
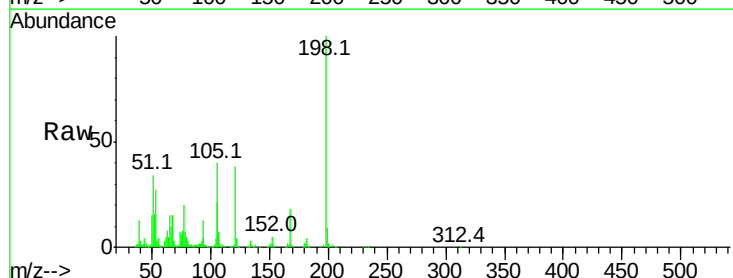
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

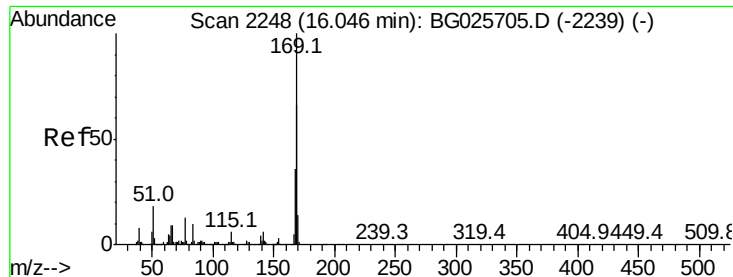
Tot Ion:188 Resp: 738930
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.5 7.5 11.3



#64
4,6-Dinitro-2-methylphenol
Concen: 40.43 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:198 Resp: 174839
Ion Ratio Lower Upper
198 100
51 34.1 22.6 62.6
105 40.5 14.4 54.4

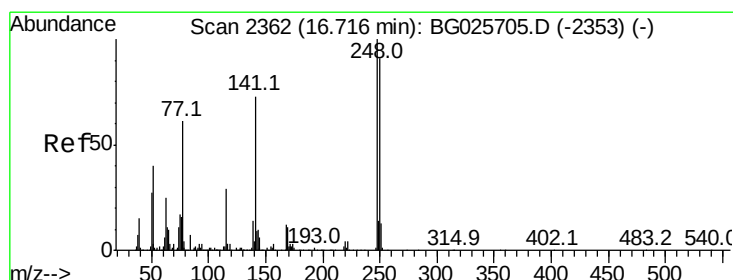
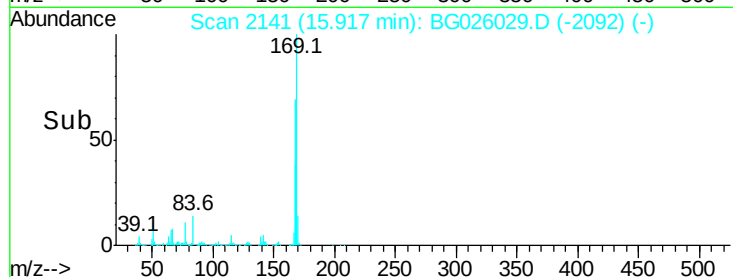
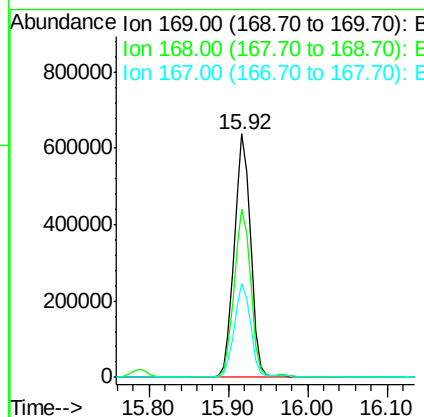
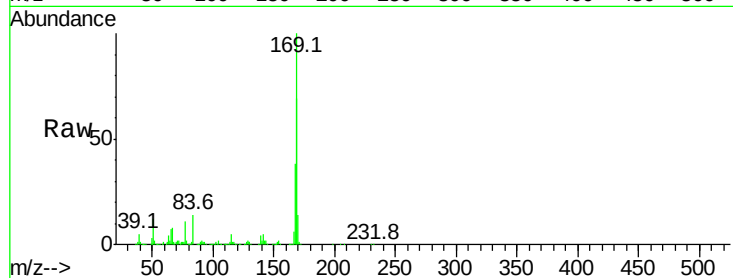




#65
n-Nitrosodiphenylamine
Concen: 40.72 ng
RT: 15.92 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

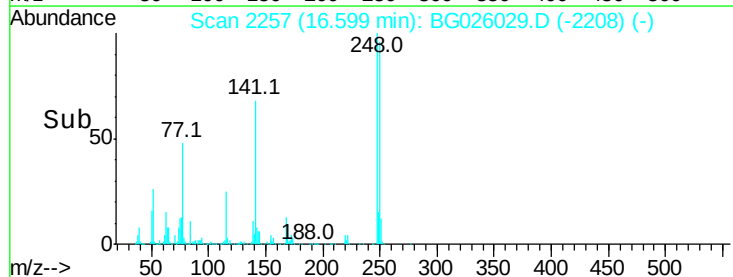
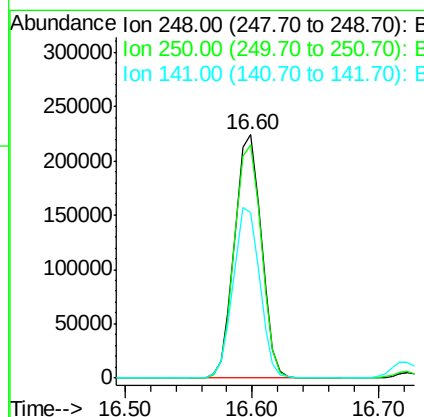
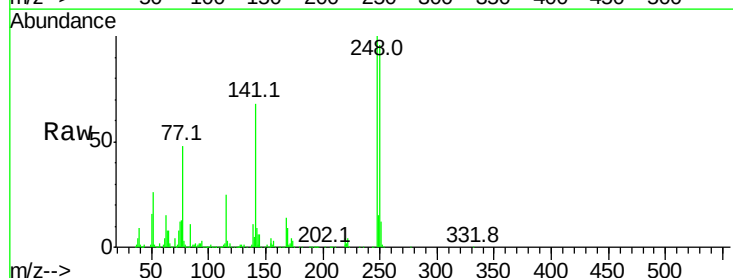
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

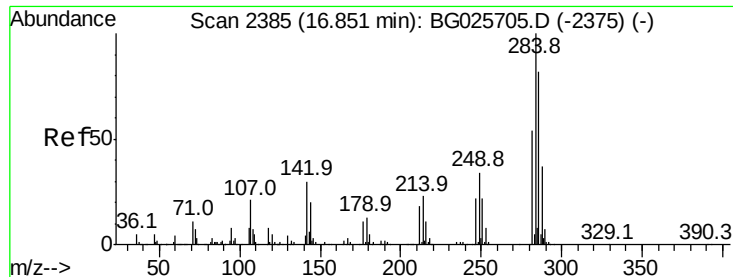
Tot Ion	Ratio	Lower	Upper
169	100		
168	69.1	55.7	83.5
167	38.3	29.8	44.6



#66
4-Bromophenyl-phenylether
Concen: 42.34 ng
RT: 16.60 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.9	75.0	112.6
141	67.8	55.2	82.8





#67

Hexachlorobenzene

Concen: 41.71 ng

RT: 16.72 min Scan# 2278

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

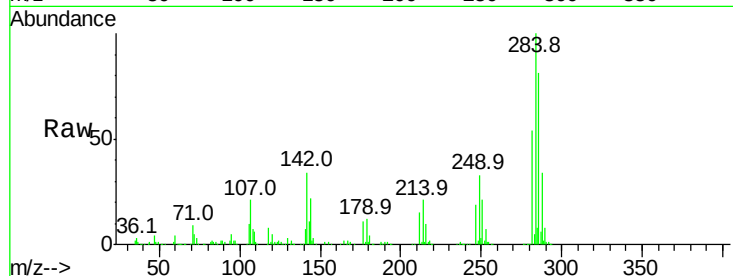
Tot Ion:284 Resp: 332944

Ion	Ratio	Lower	Upper
284	100		
142	33.6	29.9	44.9
249	32.7	29.2	43.8

284 100

142 33.6 29.9 44.9

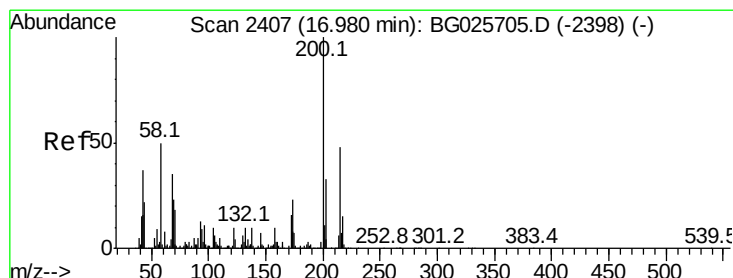
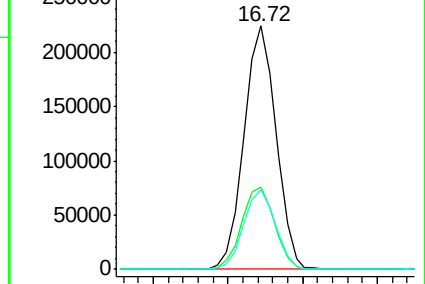
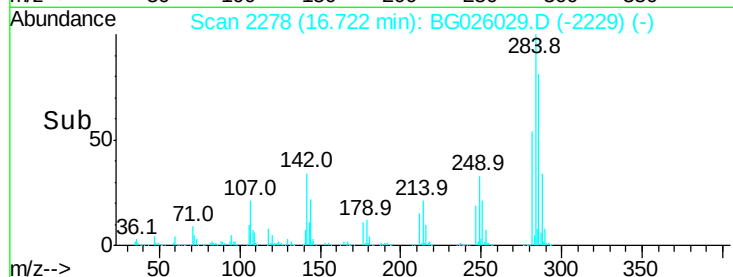
249 32.7 29.2 43.8



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.85 ng

RT: 16.86 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

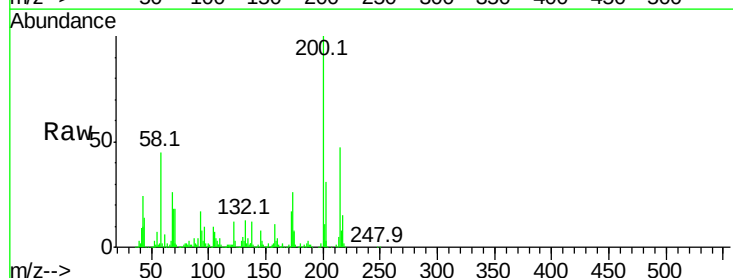
Tgt Ion:200 Resp: 339869

Ion	Ratio	Lower	Upper
200	100		
173	25.9	3.0	43.0
215	47.4	28.4	68.4

200 100

173 25.9 3.0 43.0

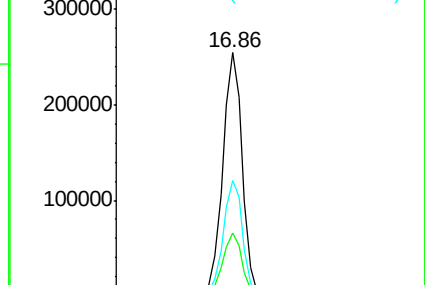
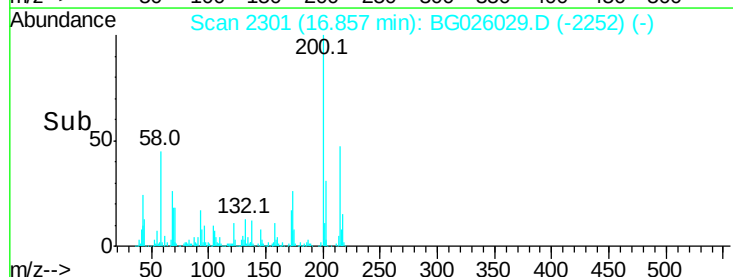
215 47.4 28.4 68.4

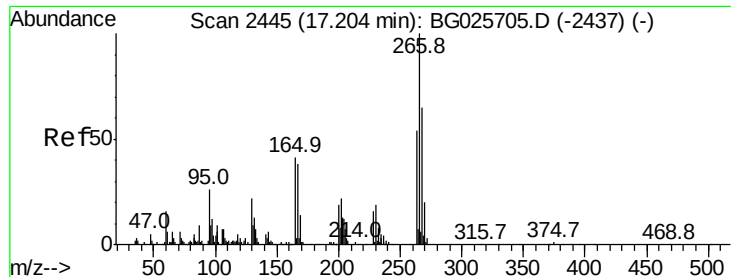


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 84.26 ng

RT: 17.06 min Scan# 2335

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

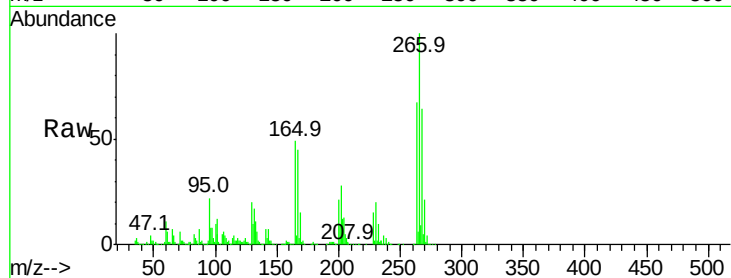
Tot Ion:266 Resp: 414866

Ion Ratio Lower Upper

266 100

268 63.5 48.6 72.8

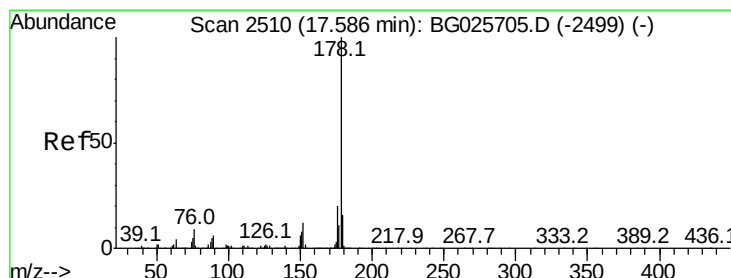
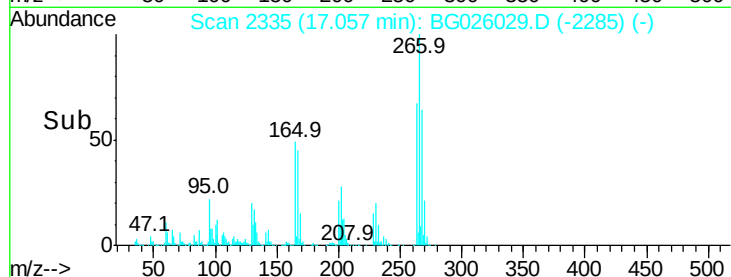
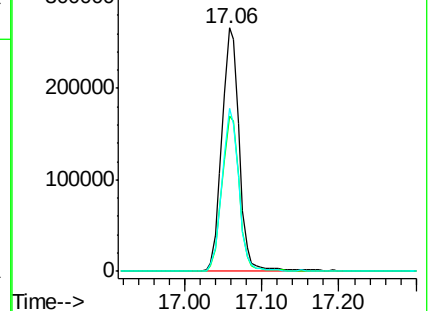
264 66.8 50.1 75.1



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: 39.82 ng

RT: 17.45 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

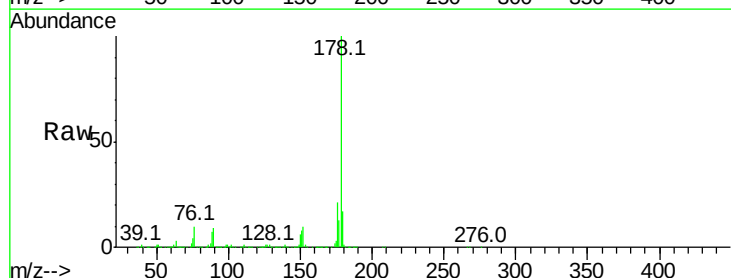
Tgt Ion:178 Resp: 1597356

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

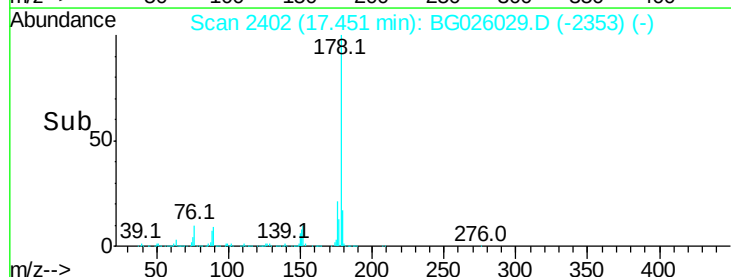
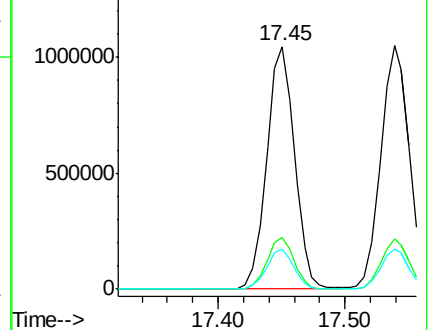
179 16.6 15.0 22.6

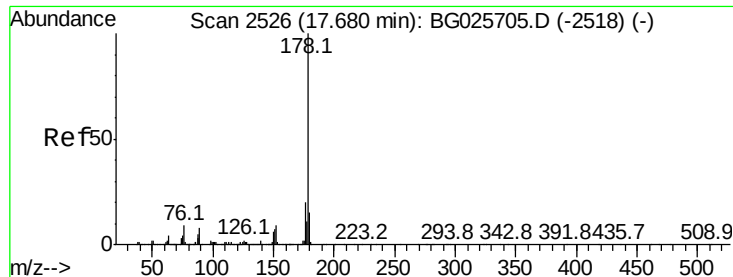


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 40.24 ng

RT: 17.54 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

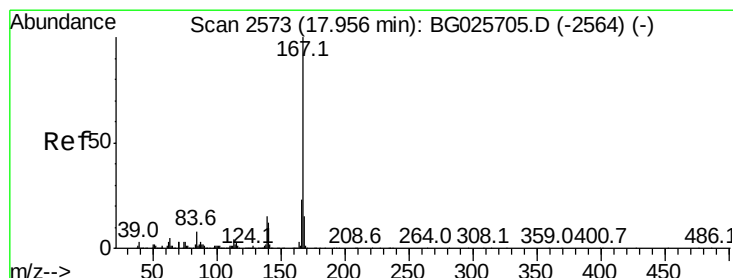
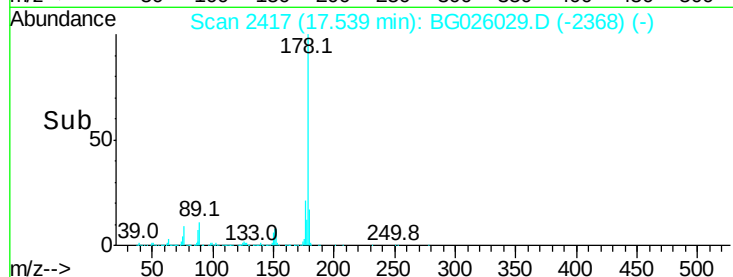
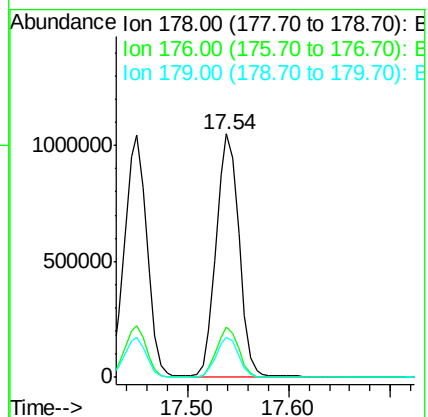
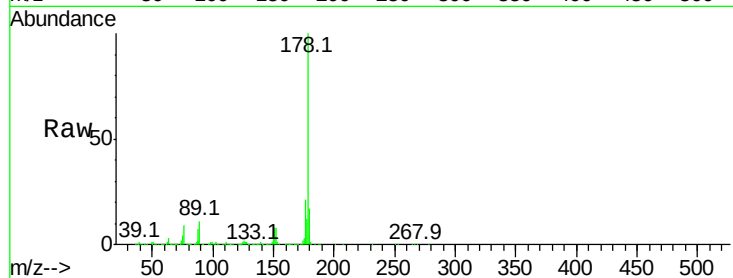
Tot Ion:178 Resp: 1645577

Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.6	13.8	20.8

178 100

176 20.9 16.4 24.6

179 16.6 13.8 20.8



#72

Carbazole

Concen: 35.98 ng

RT: 17.80 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

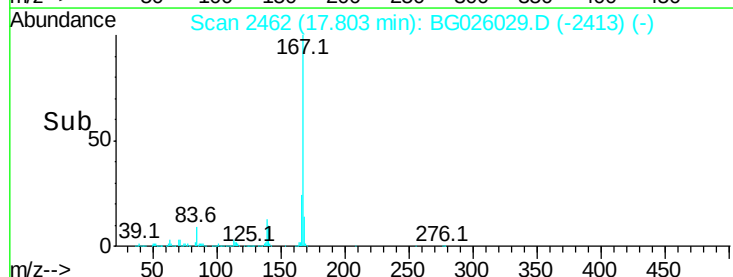
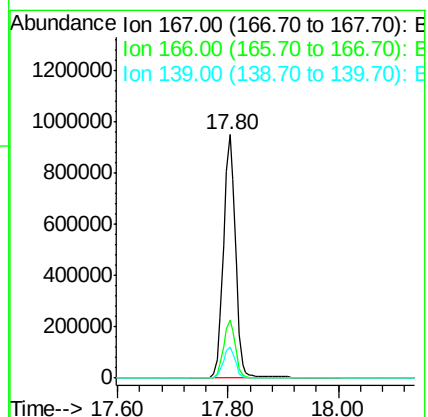
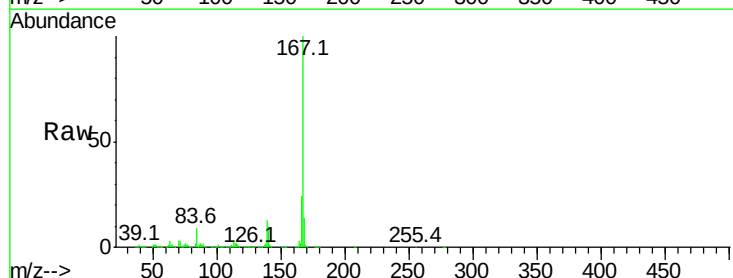
Tgt Ion:167 Resp: 1478181

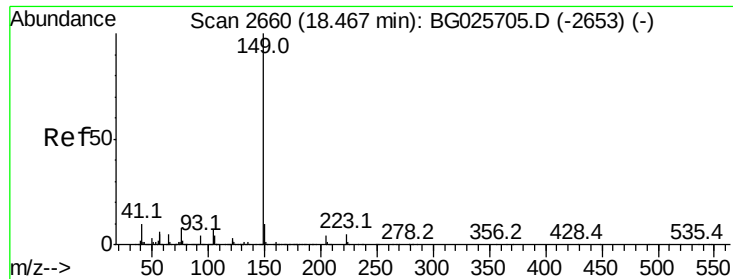
Ion	Ratio	Lower	Upper
167	100		
166	23.9	20.2	30.2
139	12.7	12.8	19.2#

167 100

166 23.9 20.2 30.2

139 12.7 12.8 19.2#





#73

Di-n-butylphthalate

Concen: 45.49 ng

RT: 18.36 min Scan# 2556

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

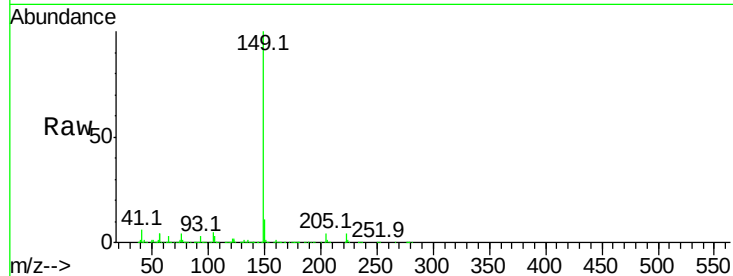
Tot Ion:149 Resp: 1834411

Ion Ratio Lower Upper

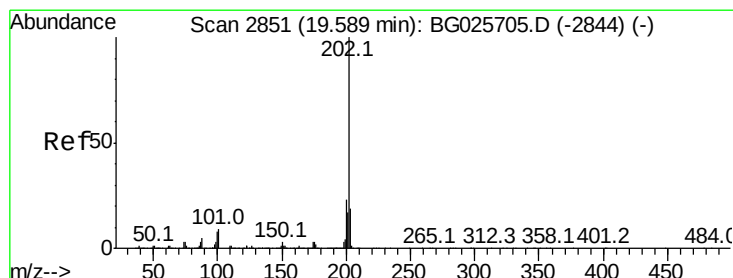
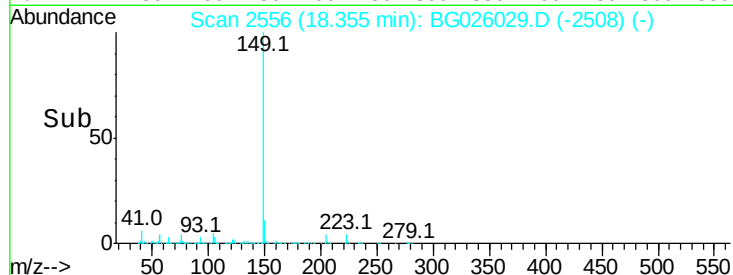
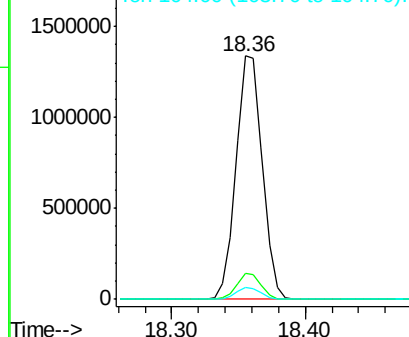
149 100

150 10.7 9.1 13.7

104 5.0 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: 39.82 ng

RT: 19.45 min Scan# 2742

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

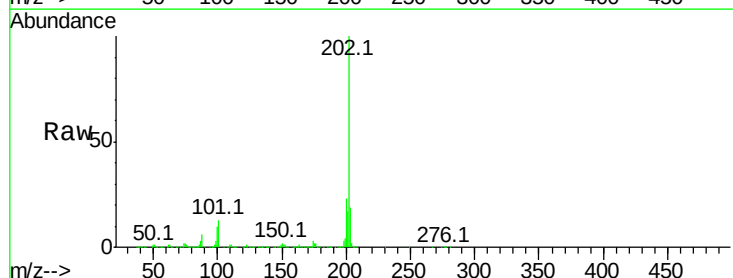
Tgt Ion:202 Resp: 1758751

Ion Ratio Lower Upper

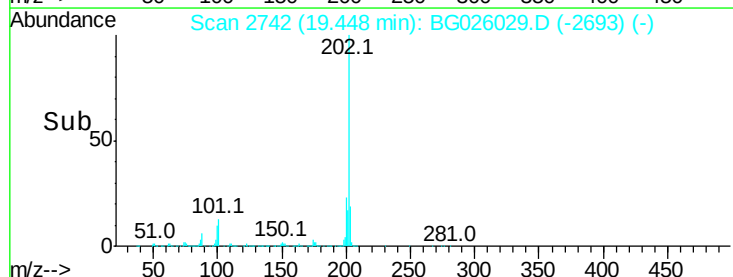
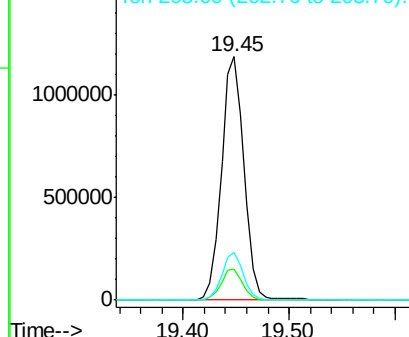
202 100

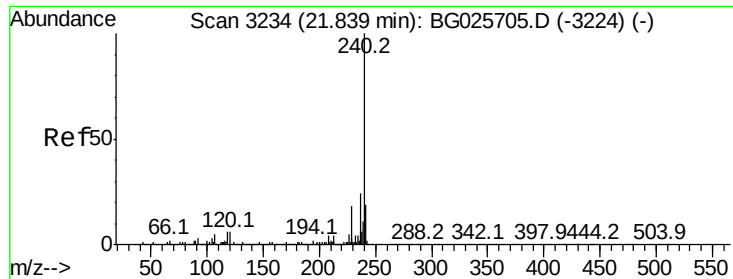
101 12.8 0.0 30.1

203 19.4 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: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

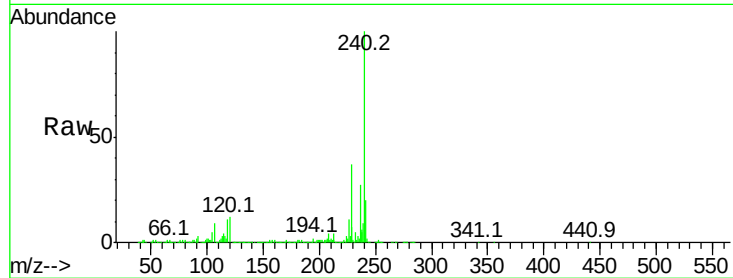
Tot Ion:240 Resp: 681877

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

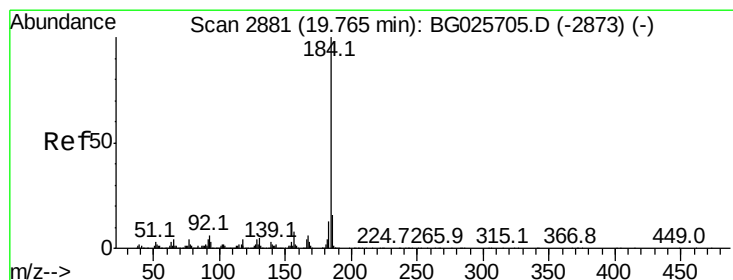
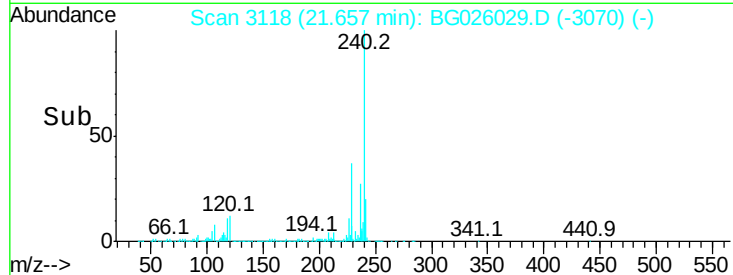
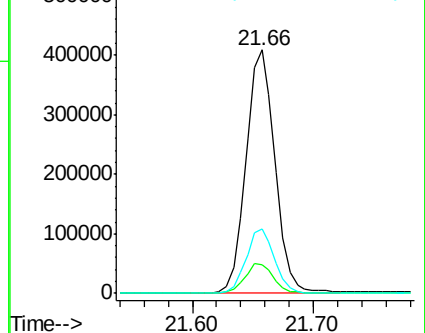
236 26.6 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.82 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

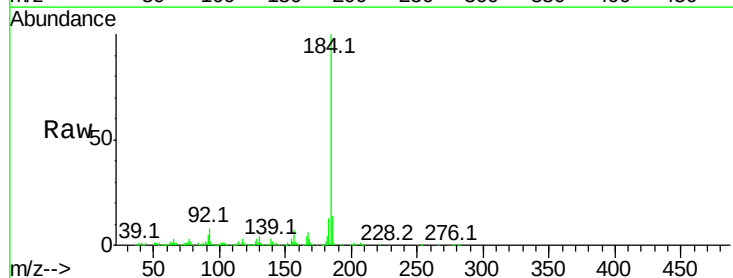
Tgt Ion:184 Resp: 362007

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

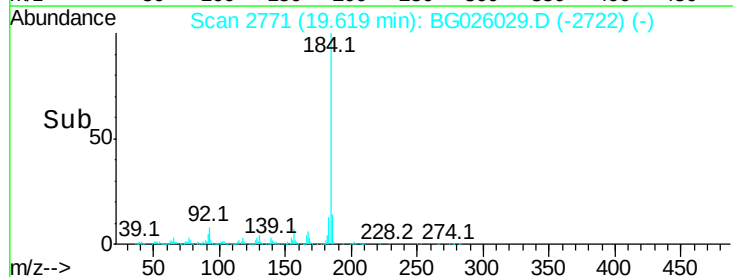
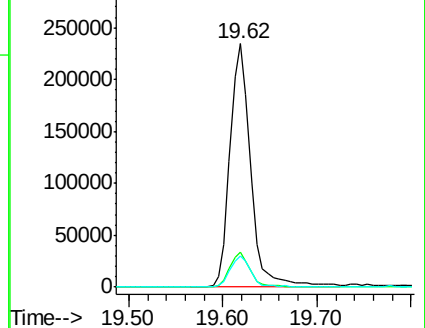
183 12.7 11.0 16.6

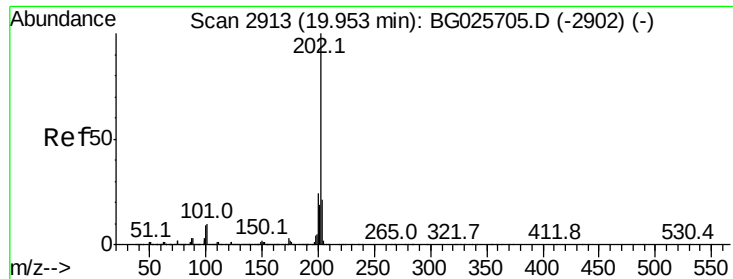


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



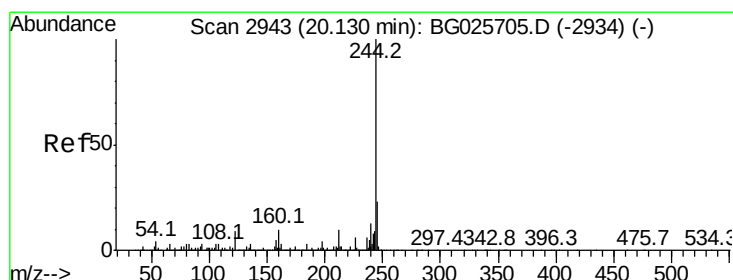
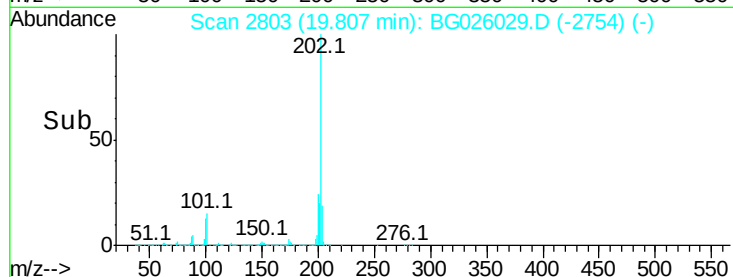
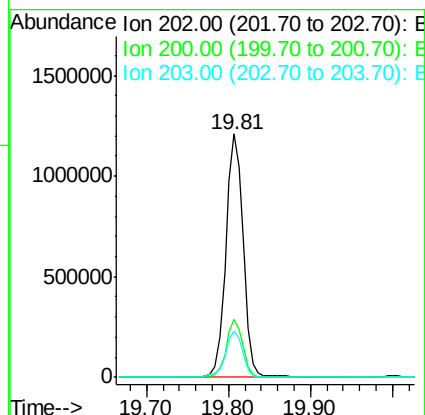
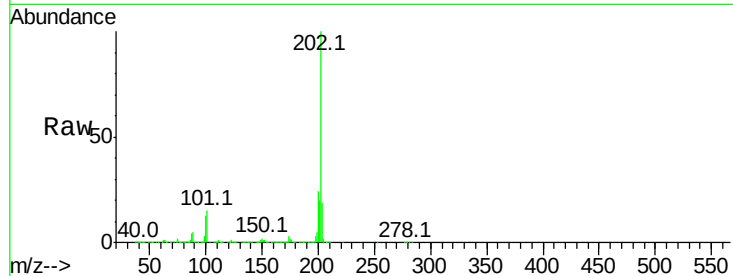


#77
Pvrene
Concen: 41.10 ng
RT: 19.81 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Instrument :
BNA_G
ClientSampleId :
PB97261BSD

Tot Ion:202 Resp: 1772228

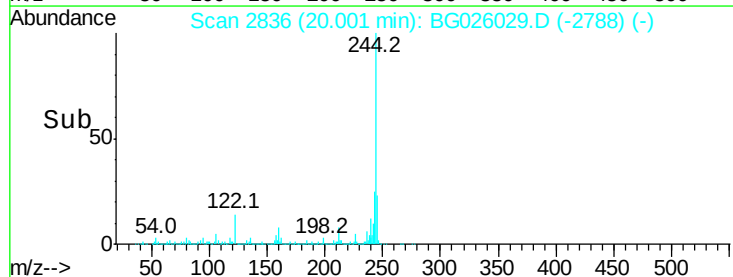
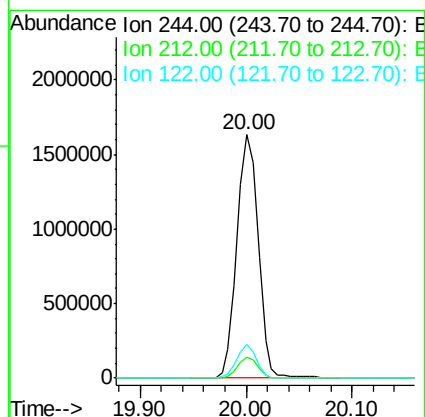
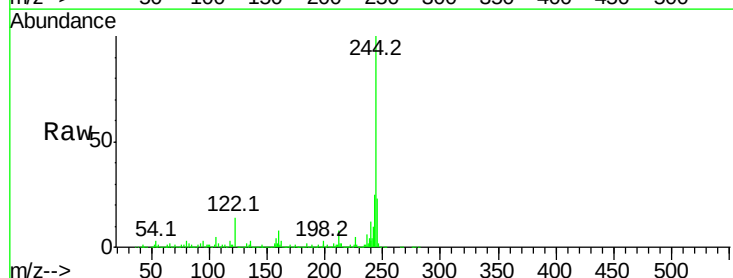
Ion	Ratio	Lower	Upper
202	100		
200	23.7	19.6	29.4
203	19.2	15.8	23.8

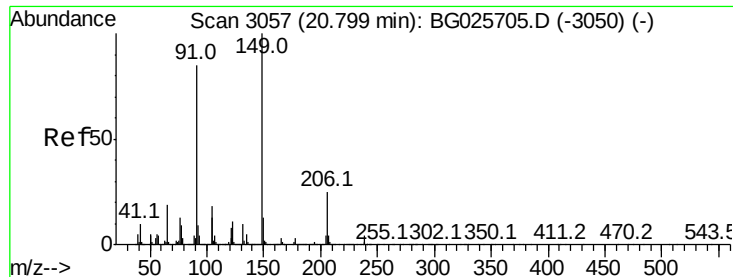


#78
Terphenyl-d14
Concen: 81.47 ng
RT: 20.00 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:244 Resp: 2284199

Ion	Ratio	Lower	Upper
244	100		
212	8.5	10.0	15.0#
122	13.6	8.6	12.8#

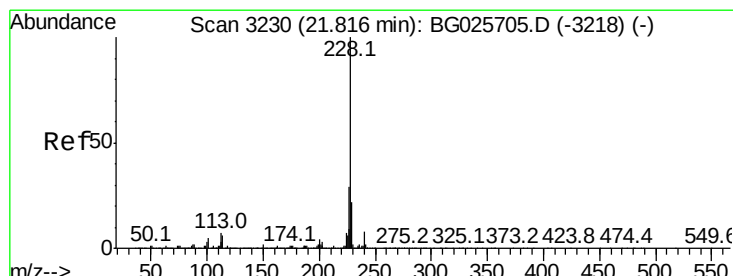
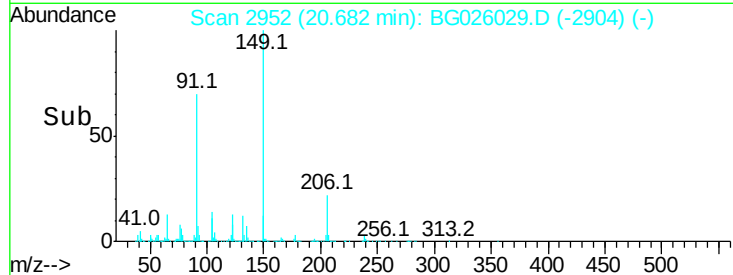
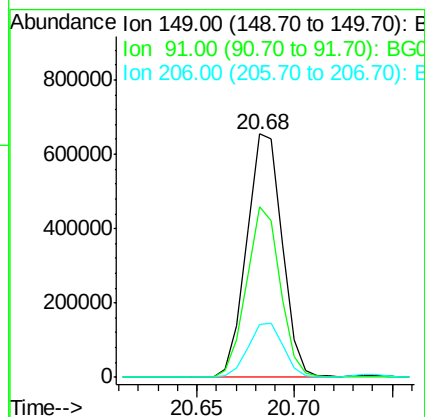
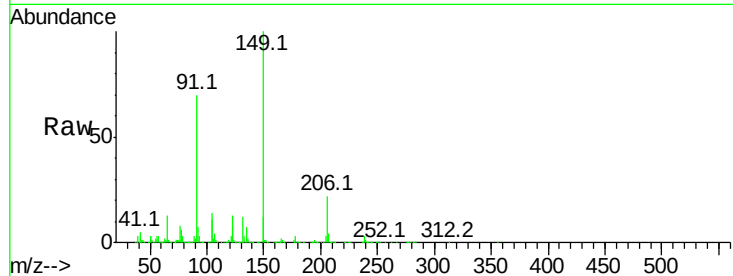




#79
Butylbenzylphthalate
Concen: 50.37 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

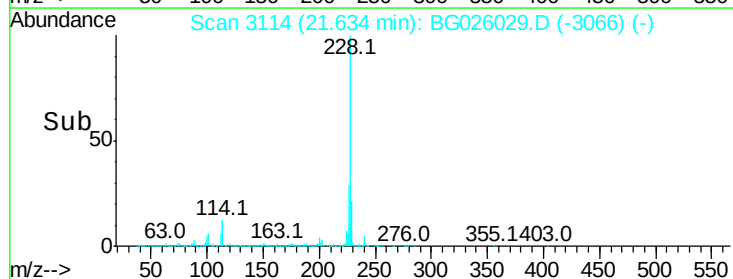
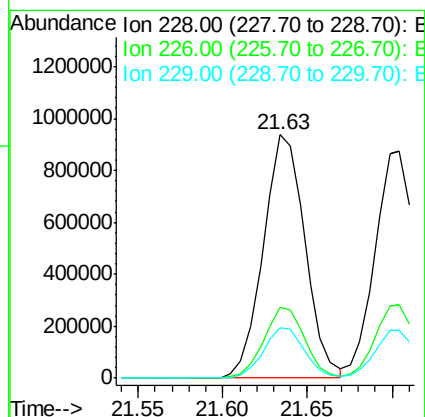
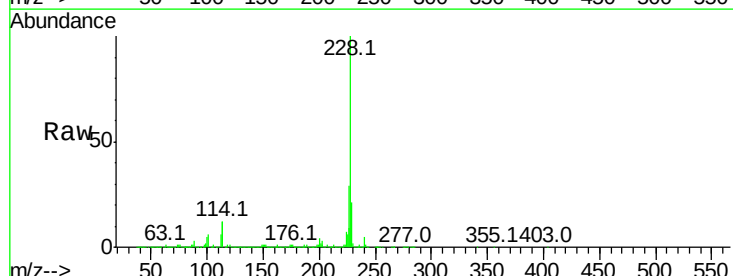
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

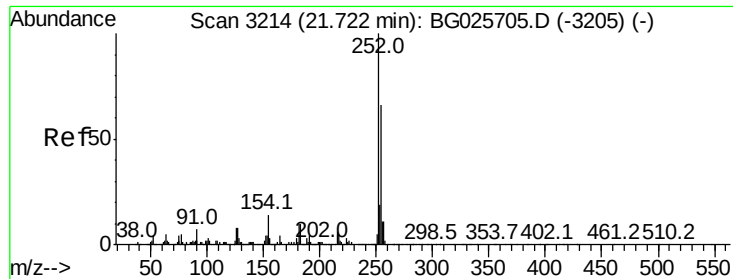
Tot Ion:149 Resp: 824297
Ion Ratio Lower Upper
149 100
91 70.0 63.5 95.3
206 21.6 21.0 31.6



#80
Benzo(a)anthracene
Concen: 40.03 ng
RT: 21.63 min Scan# 3114
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Tgt Ion:228 Resp: 1593600
Ion Ratio Lower Upper
228 100
226 29.2 24.9 37.3
229 20.7 18.2 27.2

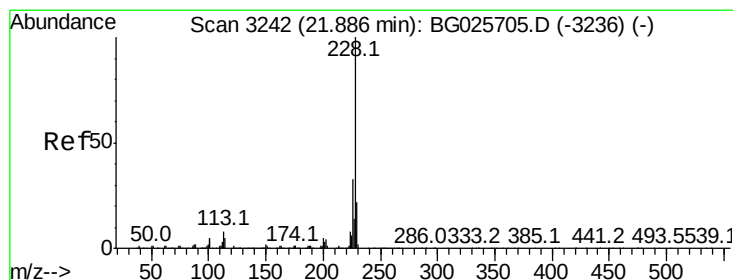
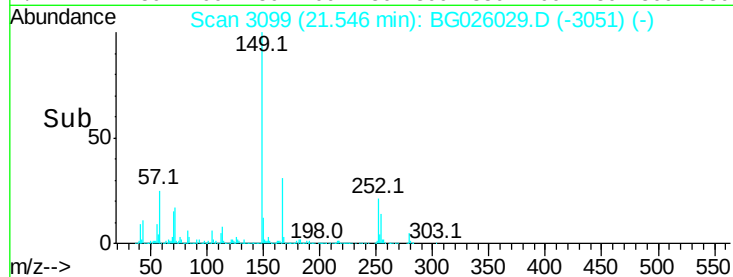
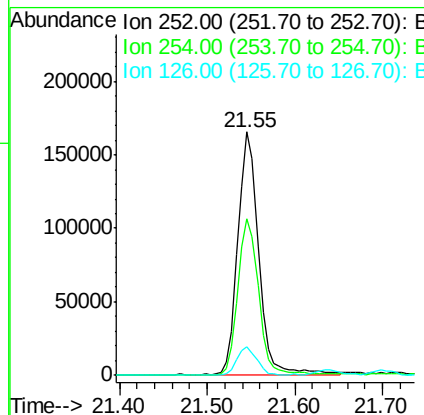
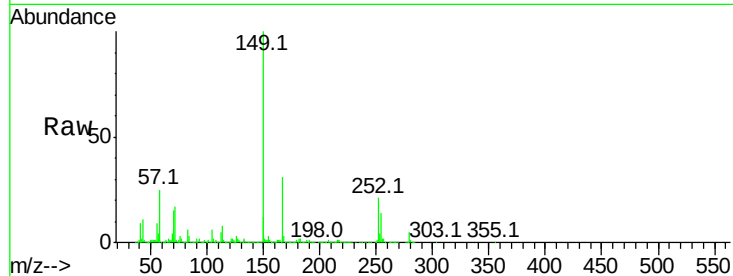




#81
 3,3'-Dichlorobenzidine
 Concen: 18.64 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

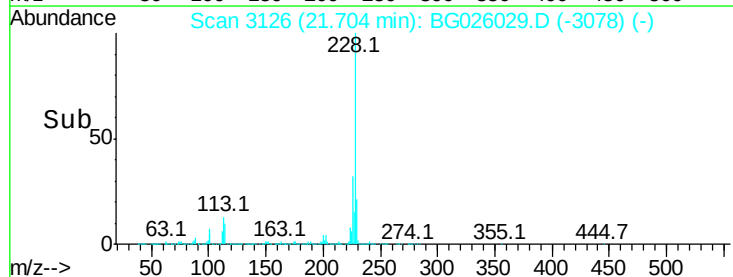
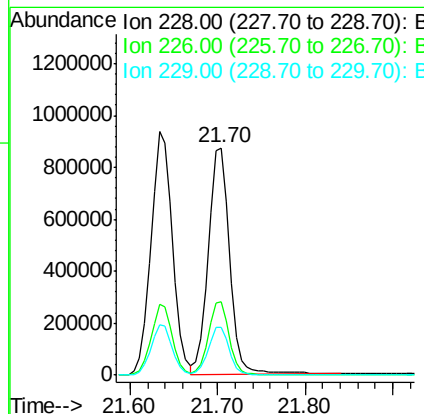
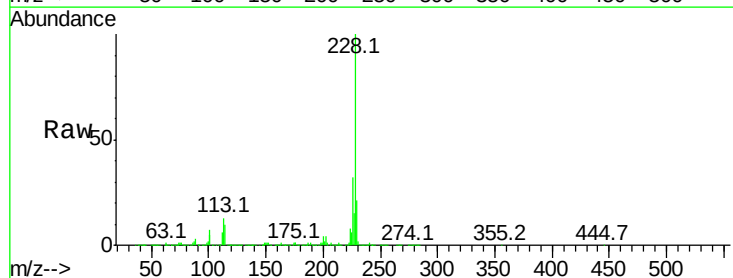
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

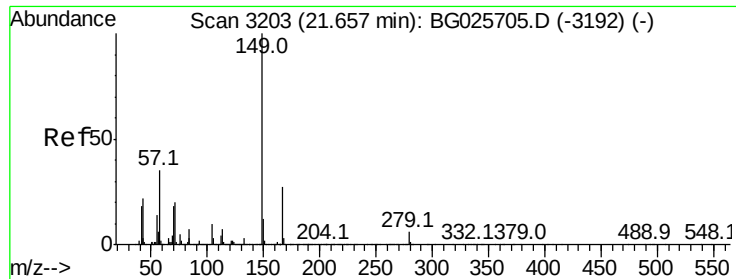
Tot Ion:252 Resp: 264537
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.1 79.7
 126 11.9 7.0 10.4#



#82
 Chrysene
 Concen: 38.70 ng
 RT: 21.70 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Tgt Ion:228 Resp: 1481654
 Ion Ratio Lower Upper
 228 100
 226 32.4 27.0 40.4
 229 20.9 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 51.56 ng

RT: 21.54 min Scan# 3098

Delta R.T. -0.03 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

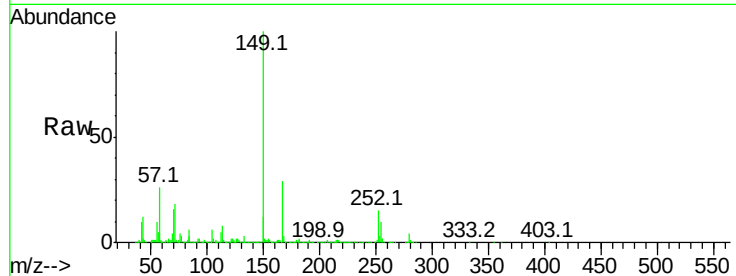
Tot Ion:149 Resp: 1218413

Ion Ratio Lower Upper

149 100

167 29.2 23.7 35.5

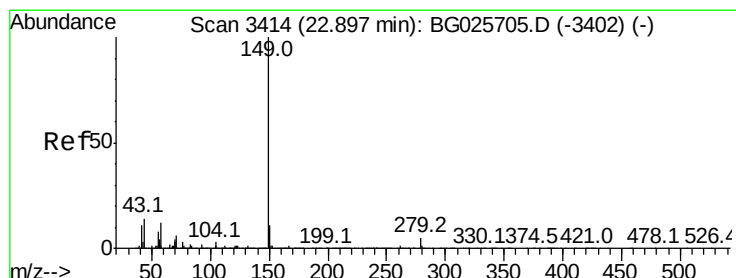
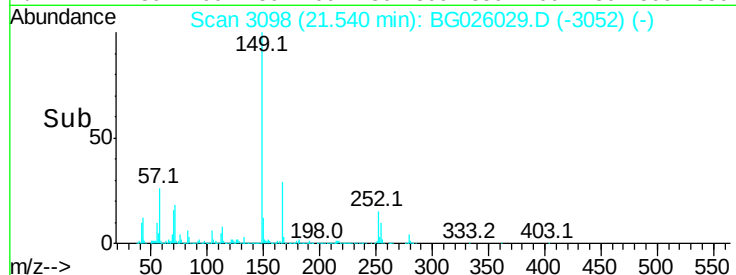
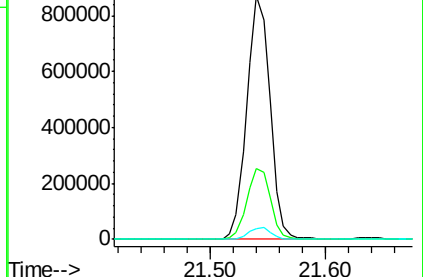
279 4.4 4.6 6.8#



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: 53.08 ng

RT: 22.74 min Scan# 3303

Delta R.T. -0.04 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

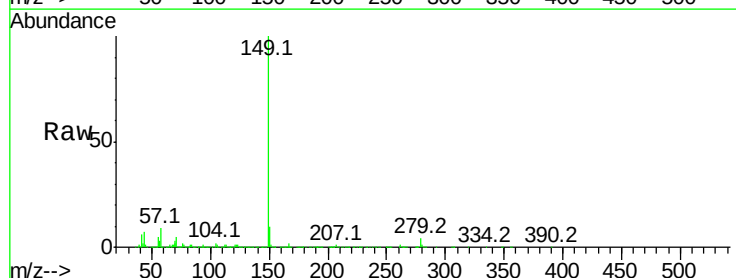
Tgt Ion:149 Resp: 2071512

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.2

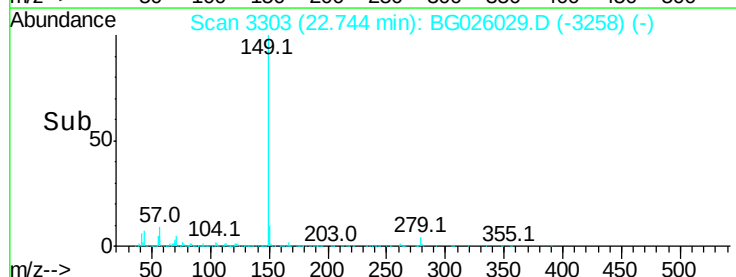
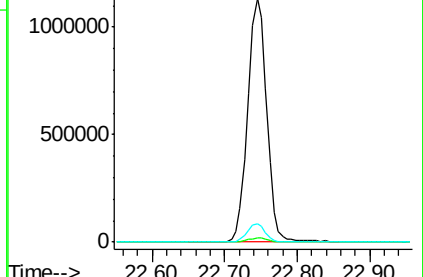
43 7.2 11.8 17.6#

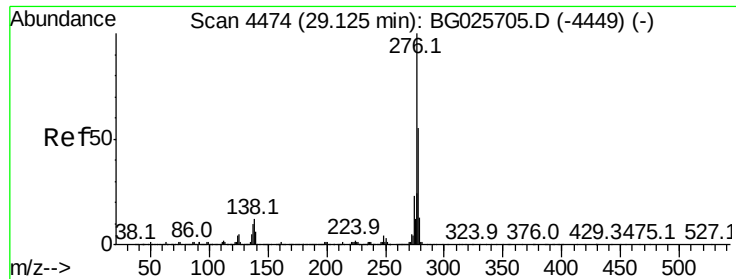


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 35.78 ng

RT: 28.50 min Scan# 4282

Delta R.T. -0.05 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

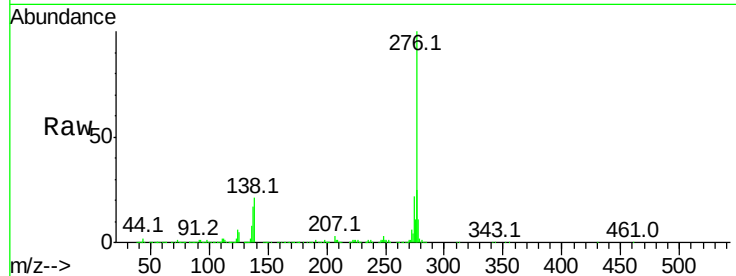
Tot Ion:276 Resp: 1613392

Ion Ratio Lower Upper

276 100

138 27.5 4.7 7.1#

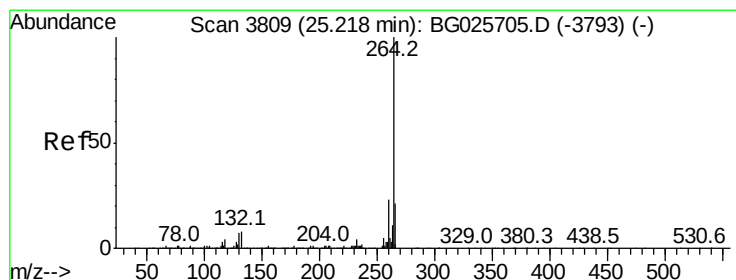
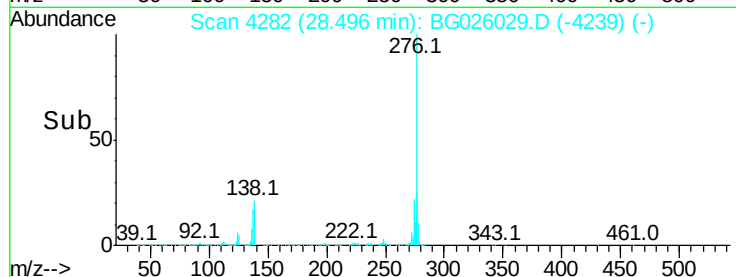
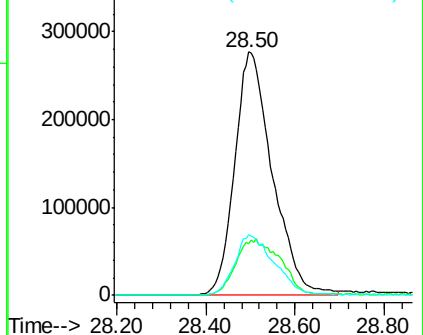
277 26.0 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.85 min Scan# 3662

Delta R.T. -0.03 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

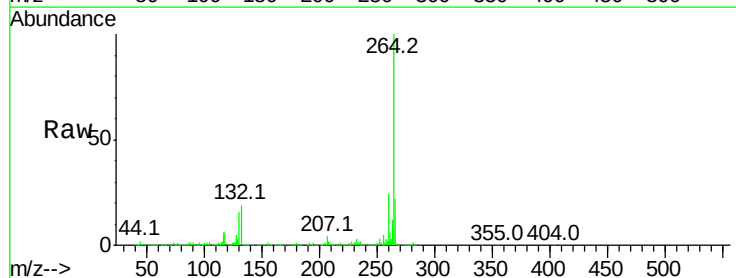
Tgt Ion:264 Resp: 644513

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

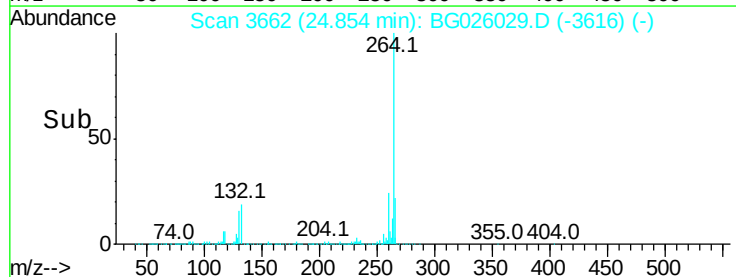
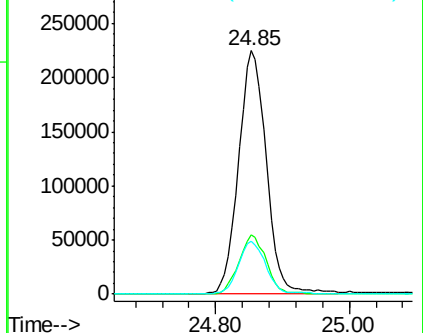
265 21.9 18.2 27.4

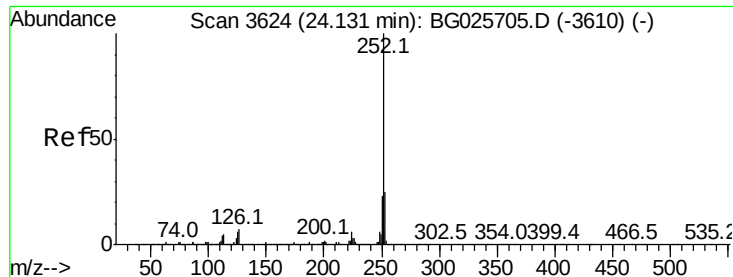


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.65 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

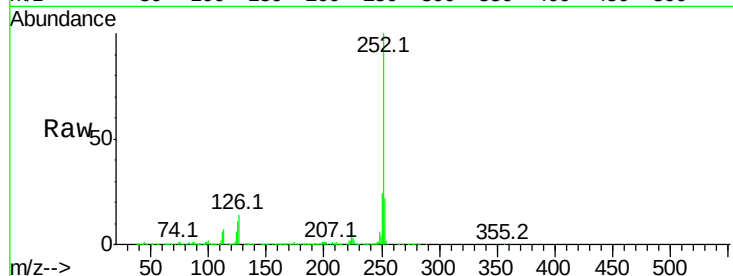
Tot Ion:252 Resp: 1569132

Ion Ratio Lower Upper

252 100

253 22.4 18.7 28.1

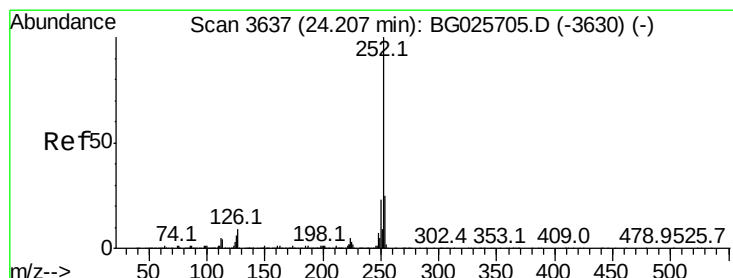
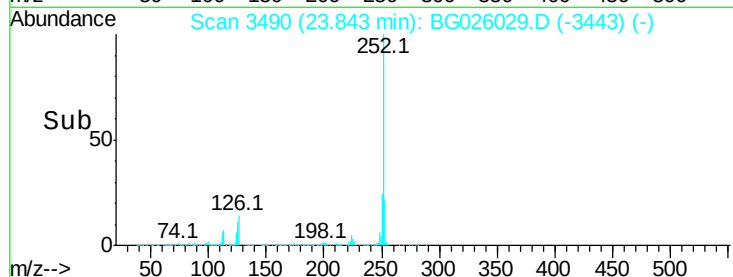
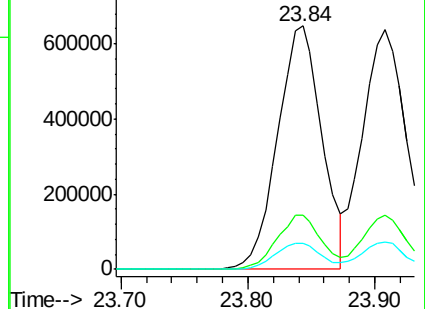
125 10.8 5.3 7.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.00 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

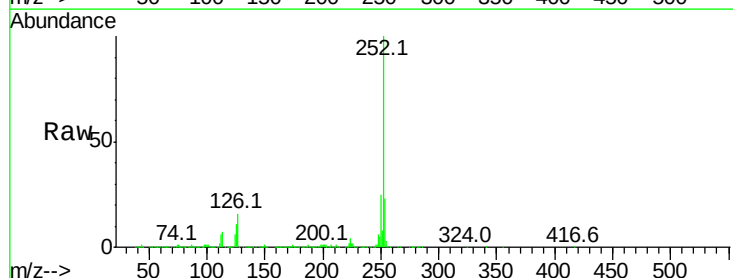
Tgt Ion:252 Resp: 1544037

Ion Ratio Lower Upper

252 100

253 22.8 20.2 30.2

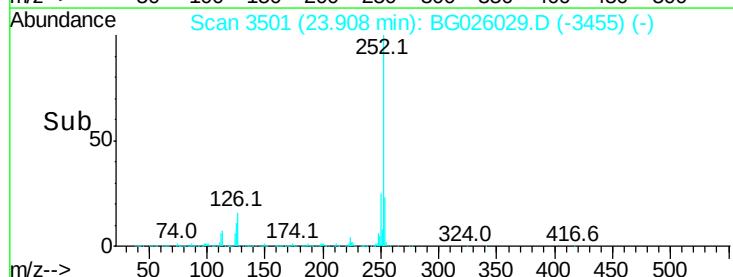
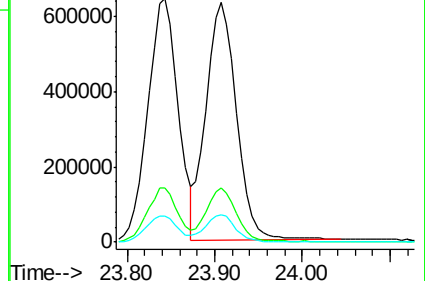
125 11.3 5.1 7.7#

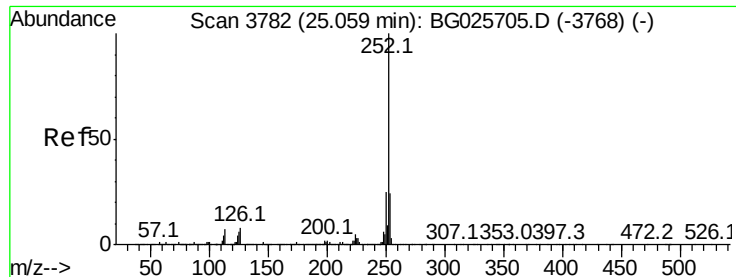


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.48 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

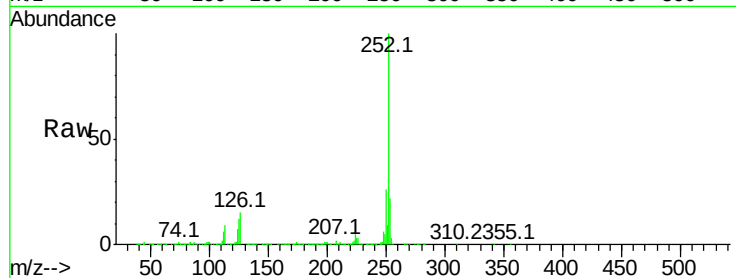
Tot Ion:252 Resp: 1479684

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.2	28.8
125	12.1	5.4	8.0

252 100

253 22.2 19.2 28.8

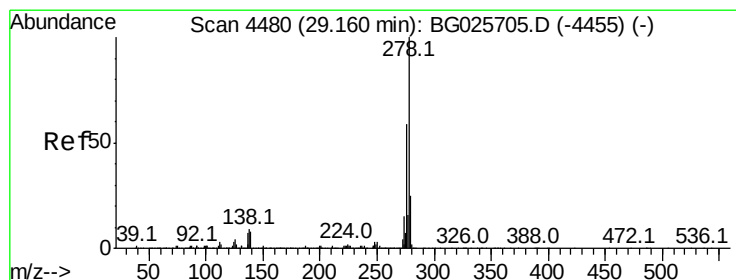
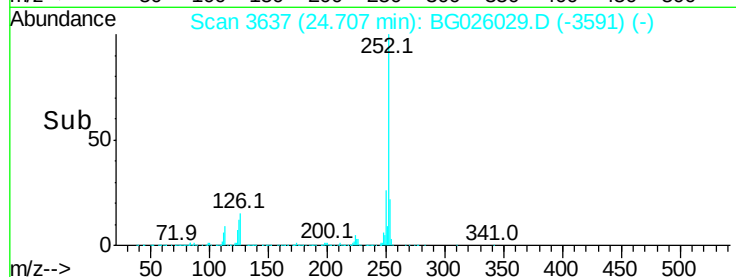
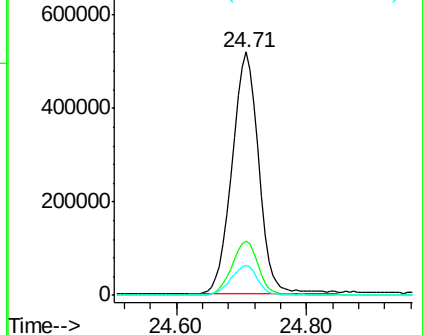
125 12.1 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 35.04 ng

RT: 28.56 min Scan# 4293

Delta R.T. -0.06 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

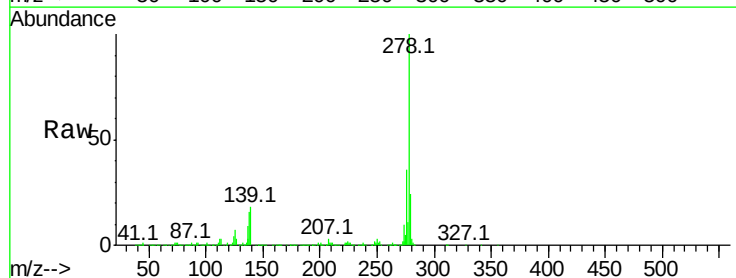
Tgt Ion:278 Resp: 1286668

Ion	Ratio	Lower	Upper
278	100		
139	17.8	7.7	11.5
279	24.2	19.1	28.7

278 100

139 17.8 7.7 11.5

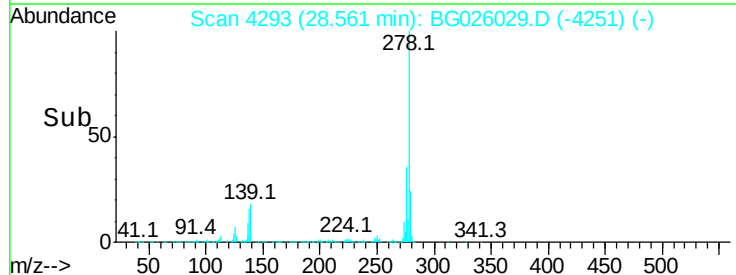
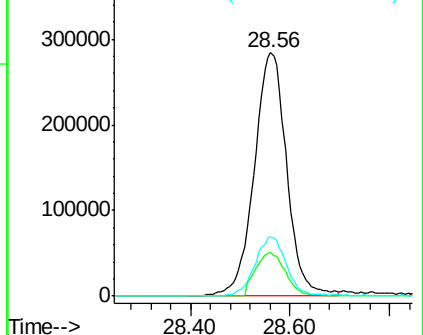
279 24.2 19.1 28.7

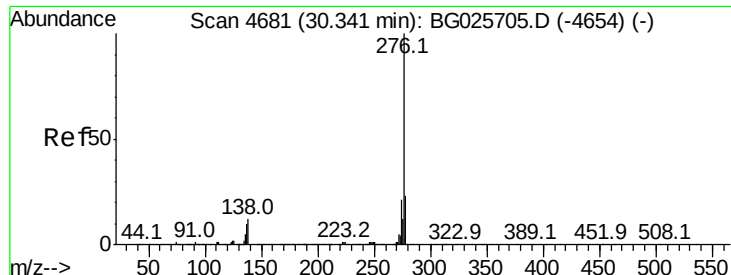


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 37.66 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG026029.D

Acq: 2 Mar 2017 14:40

Instrument :

BNA_G

ClientSampleId :

PB97261BSD

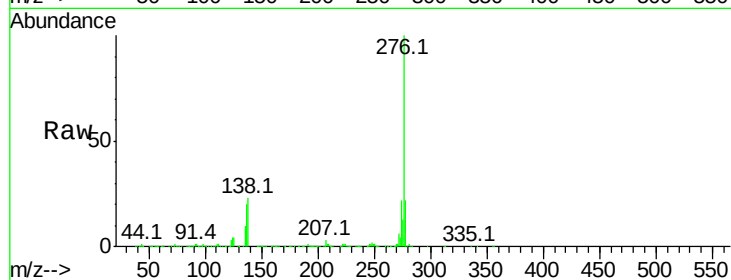
Tot Ion:276 Resp: 1386607

Ion Ratio Lower Upper

276 100

277 22.0 18.6 27.8

138 22.8 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

