

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

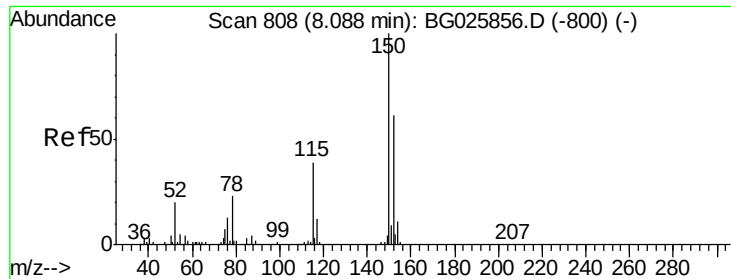
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	274561	52.93	ng	95
43) 2,4,5-Trichlorophenol	13.19	196	287883	48.89	ng #	93
45) 1,1'-Biphenyl	13.51	154	1049627	45.20	ng	99
46) 2-Chloronaphthalene	13.56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

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PB97261BSD

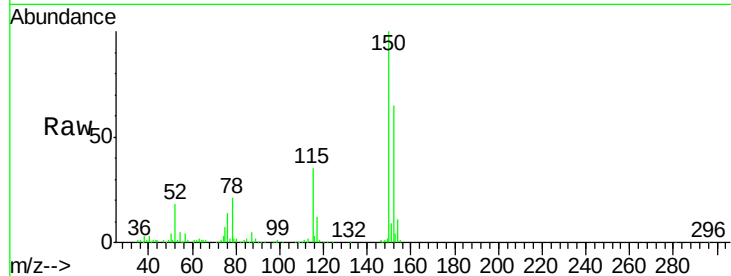
Tgt Ion:152 Resp: 122233

Ion Ratio Lower Upper

152 100

150 154.0 114.0 171.0

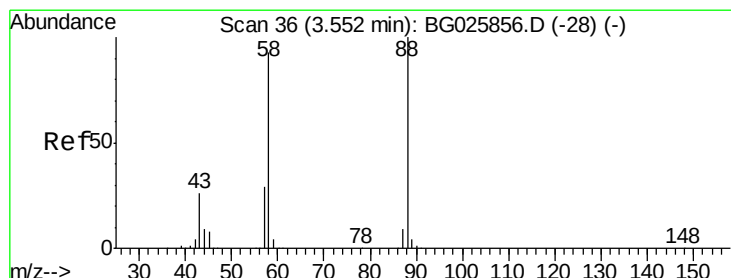
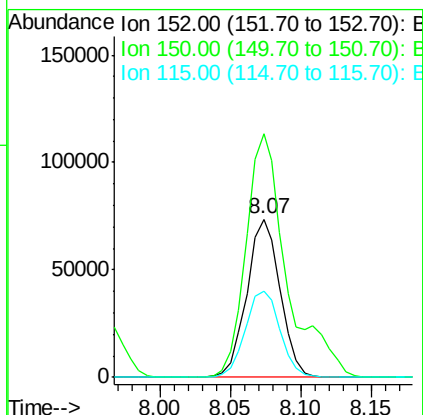
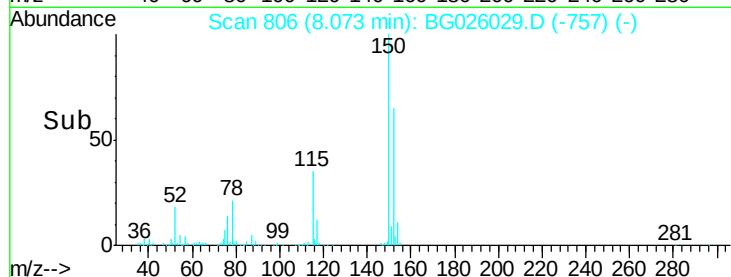
115 54.2 48.1 72.1



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

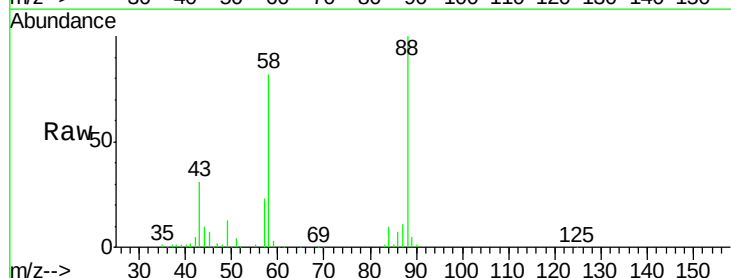
Tgt Ion: 88 Resp: 94366

Ion Ratio Lower Upper

88 100

58 81.4 79.4 119.2

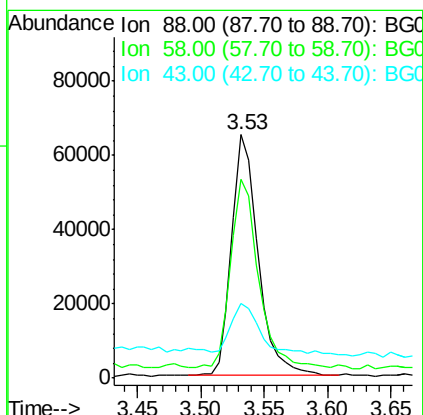
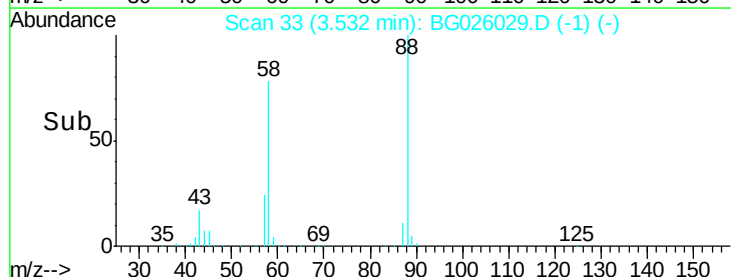
43 21.7 33.8 50.6#

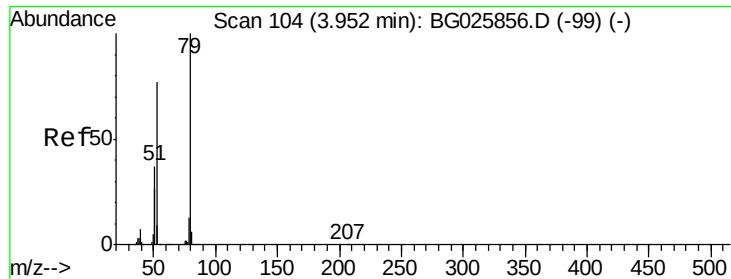


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

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

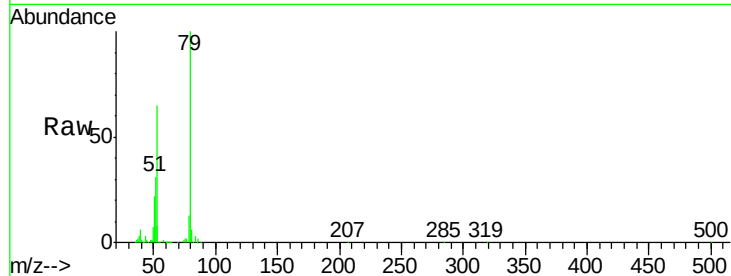
Tgt Ion: 79 Resp: 279545

Ion Ratio Lower Upper

79 100

52 64.9 77.8 116.6#

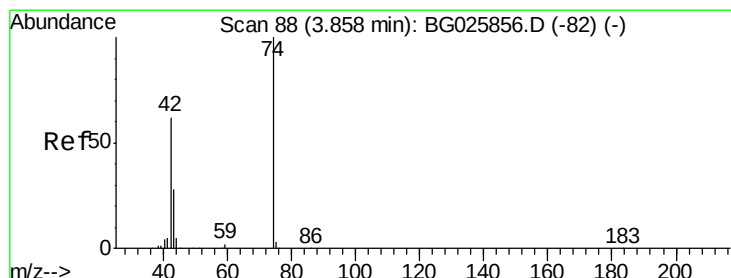
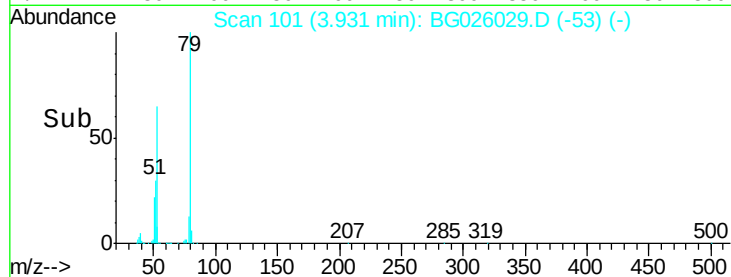
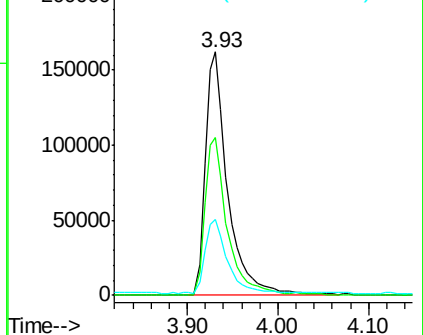
51 31.3 43.2 64.8#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 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

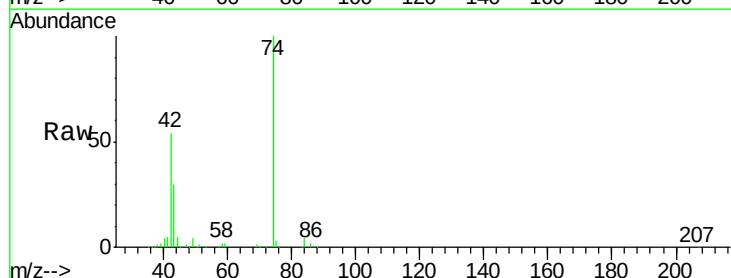
Tgt Ion: 42 Resp: 106751

Ion Ratio Lower Upper

42 100

74 184.5 76.7 115.1#

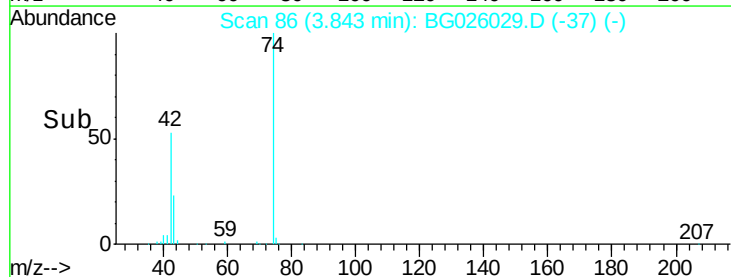
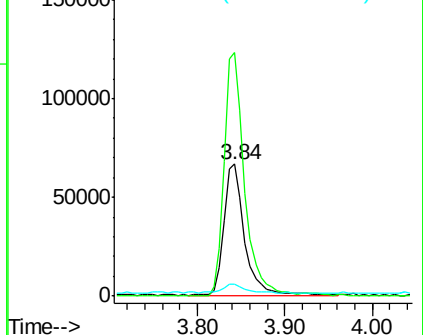
44 8.7 6.1 9.1

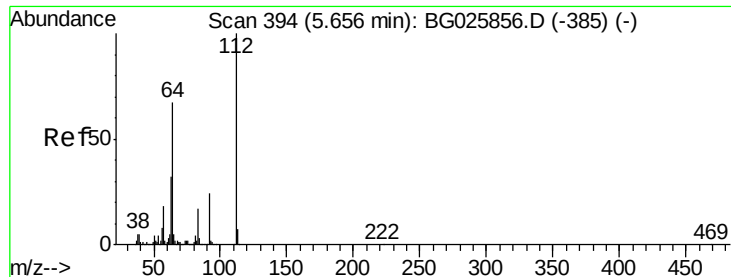


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 97.60 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG026029.D

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Instrument :

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PB97261BSD

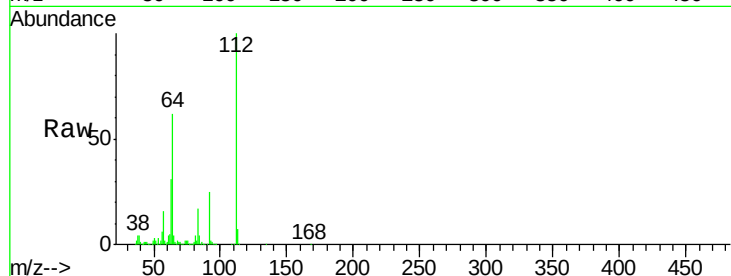
Tgt Ion: 112 Resp: 685205

Ion Ratio Lower Upper

112 100

64 62.0 61.8 92.6

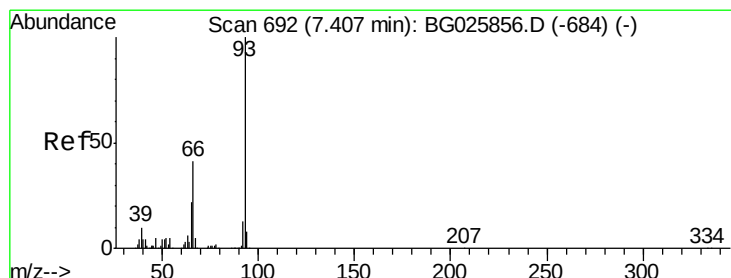
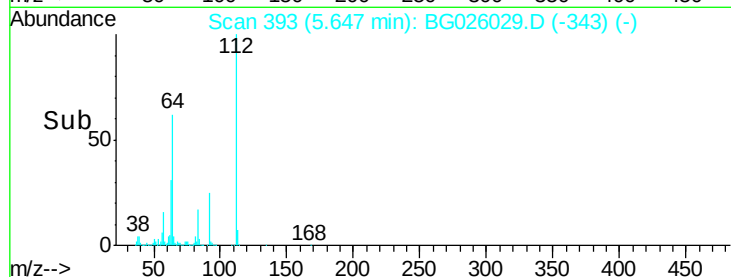
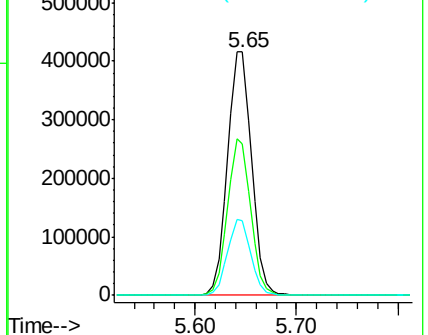
63 30.6 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): B

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

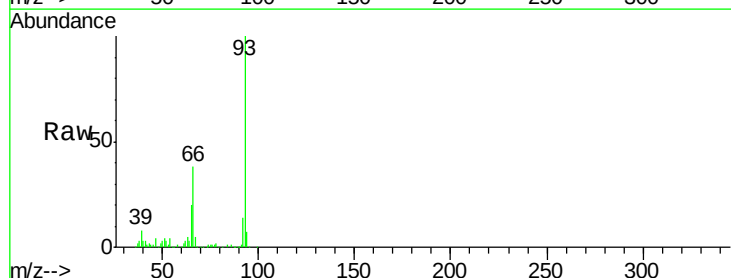
Tgt Ion: 93 Resp: 211410

Ion Ratio Lower Upper

93 100

66 38.5 35.4 53.2

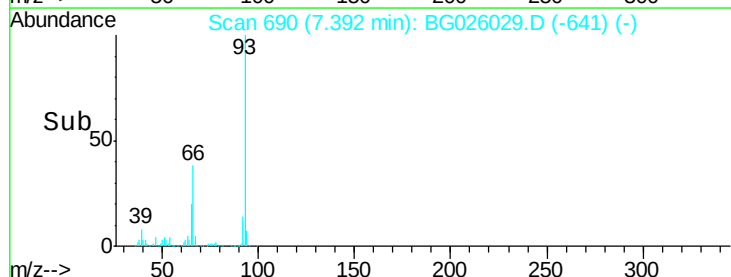
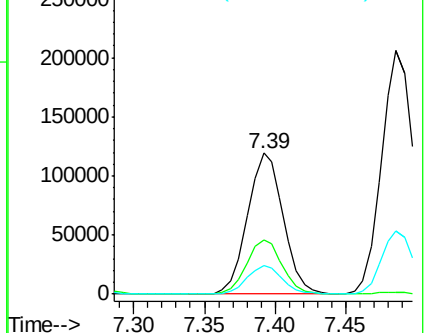
65 20.1 21.2 31.8#

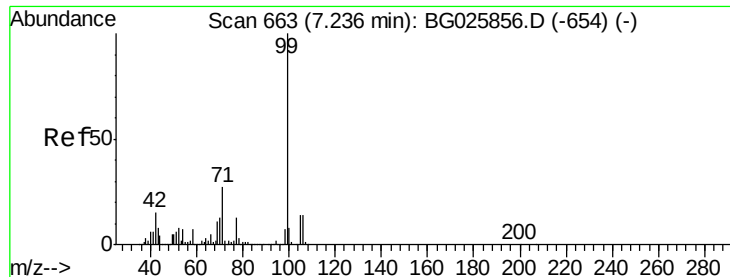


Abundance Ion 93.00 (92.70 to 93.70): BGC

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

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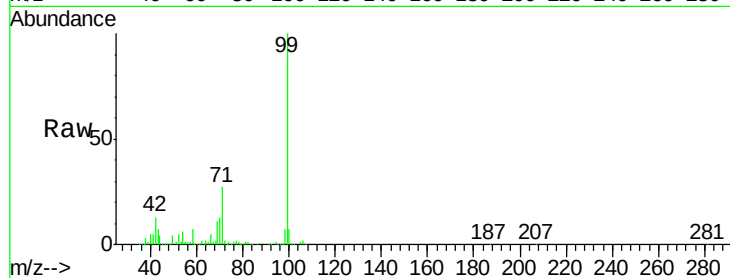
Tgt Ion: 99 Resp: 907341

Ion Ratio Lower Upper

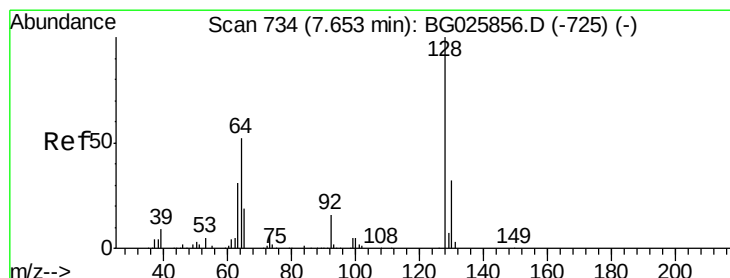
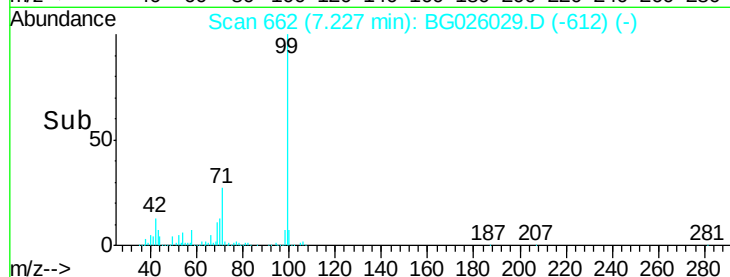
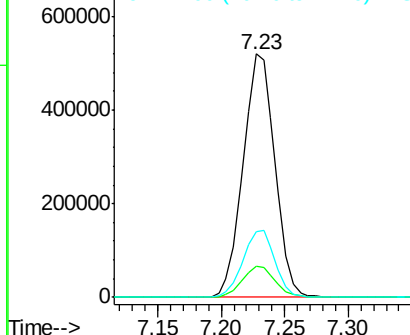
99 100

42 12.8 20.5 30.7#

71 27.0 37.6 56.4#



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



#8

2-Chlorophenol

Concen: 42.54 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

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Acq: 2 Mar 2017 14:40

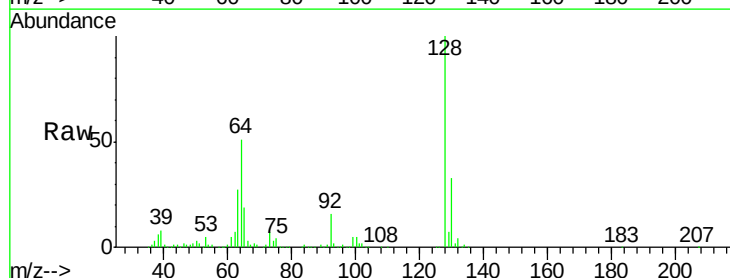
Tgt Ion: 128 Resp: 354935

Ion Ratio Lower Upper

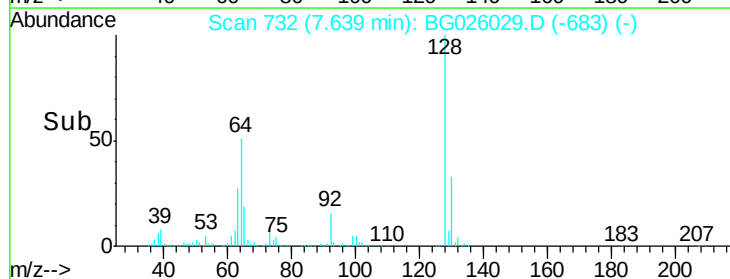
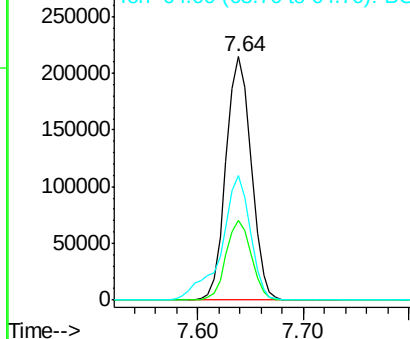
128 100

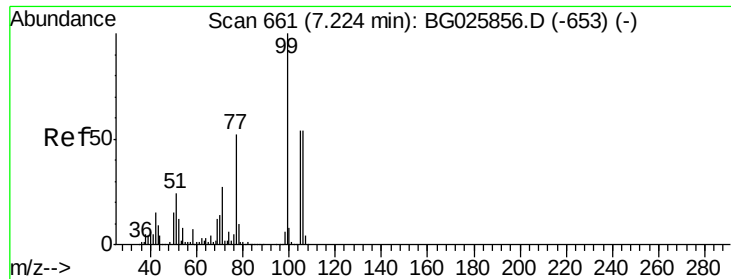
130 32.6 11.4 51.4

64 51.2 46.6 86.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 14.87 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

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Acq: 2 Mar 2017 14:40

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PB97261BSD

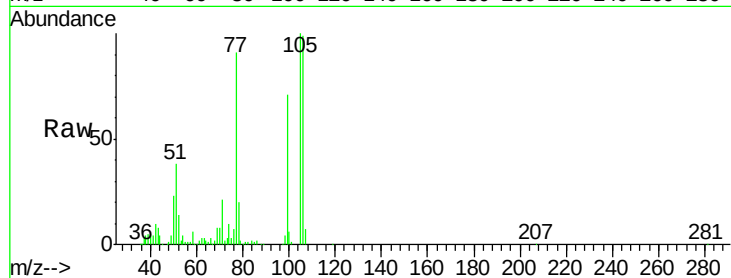
Tgt Ion: 77 Resp: 91518

Ion Ratio Lower Upper

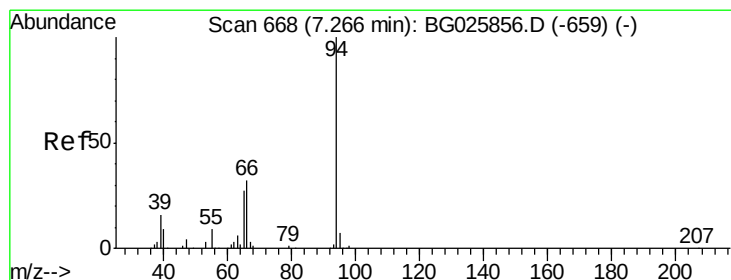
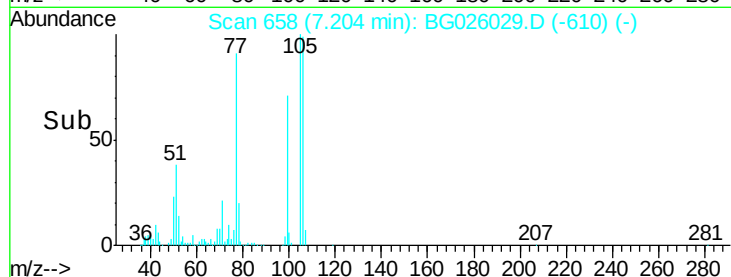
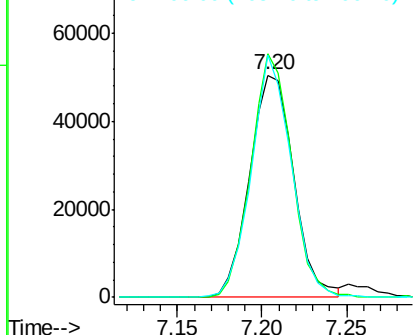
77 100

105 109.5 60.9 100.9#

106 108.7 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 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

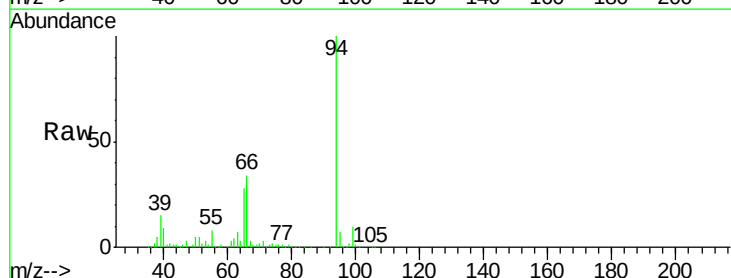
Tgt Ion: 94 Resp: 454738

Ion Ratio Lower Upper

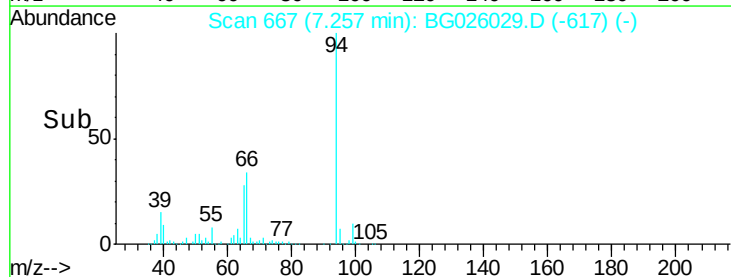
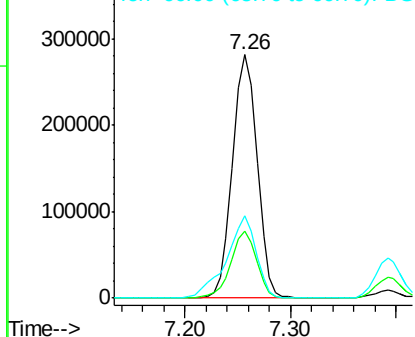
94 100

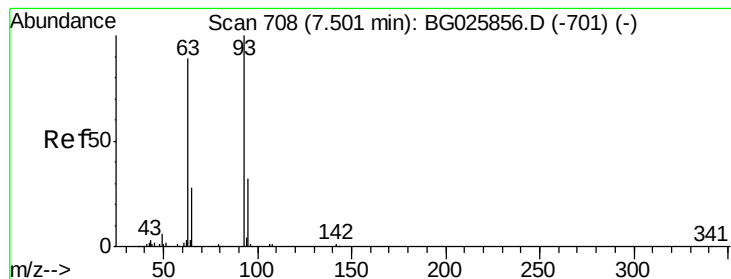
65 27.6 20.6 60.6

66 33.8 35.5 75.5#



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





#11

bis(2-Chloroethyl)ether

Concen: 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

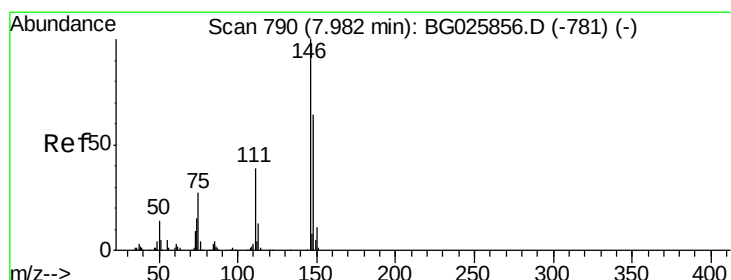
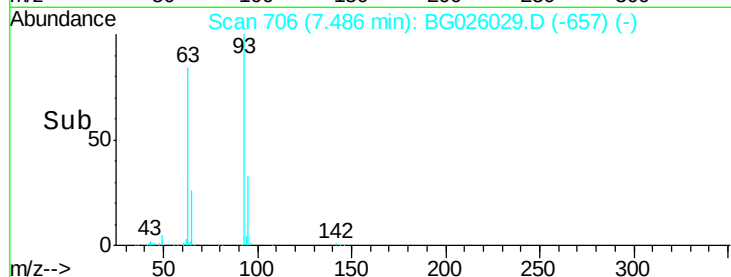
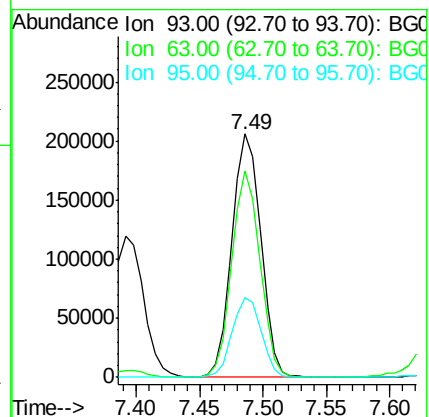
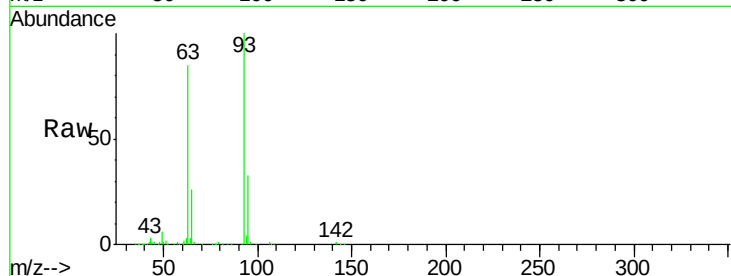
Tgt Ion: 93 Resp: 325349

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

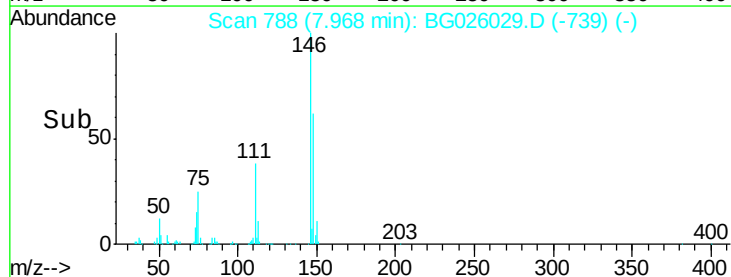
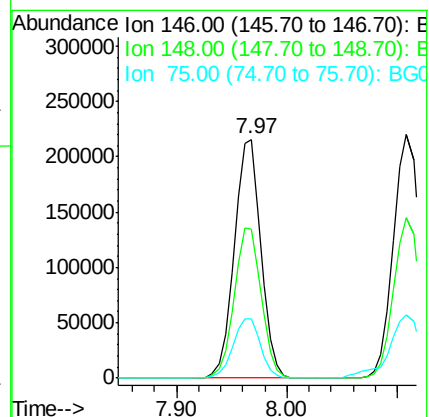
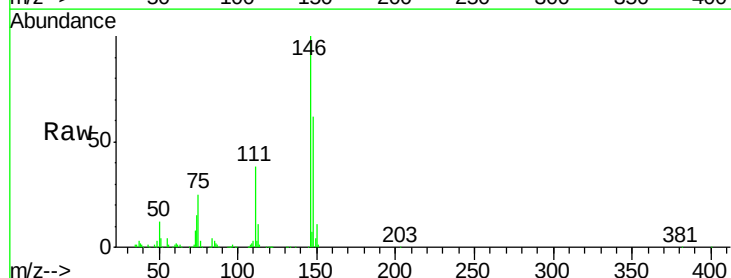
Tgt Ion: 146 Resp: 363820

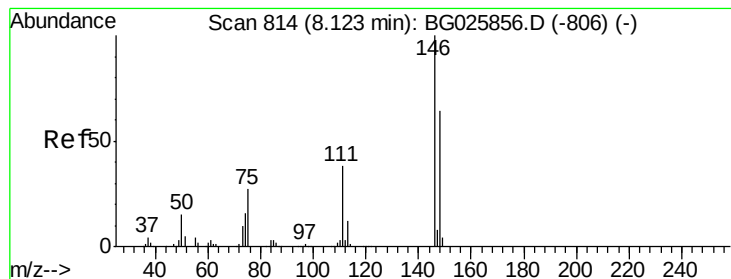
Ion Ratio Lower Upper

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

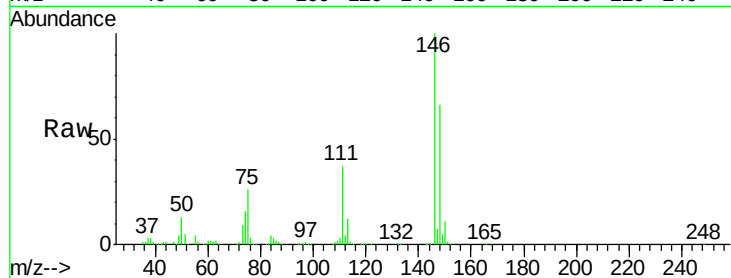
Tgt Ion:146 Resp: 372124

Ion Ratio Lower Upper

146 100

148 65.7 52.2 78.2

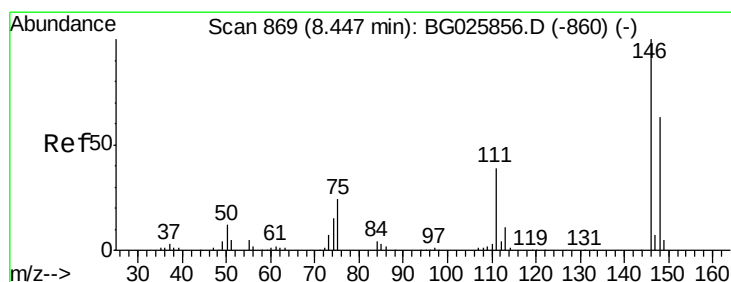
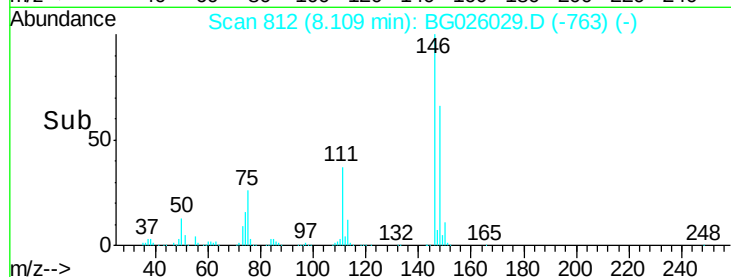
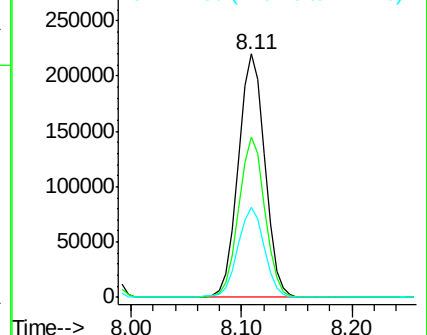
111 37.1 37.0 55.6



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

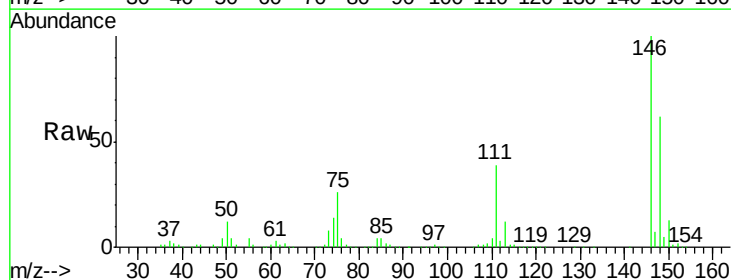
Tgt Ion:146 Resp: 357699

Ion Ratio Lower Upper

146 100

148 62.4 54.6 81.8

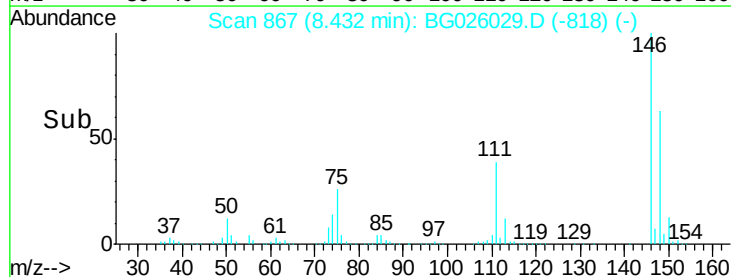
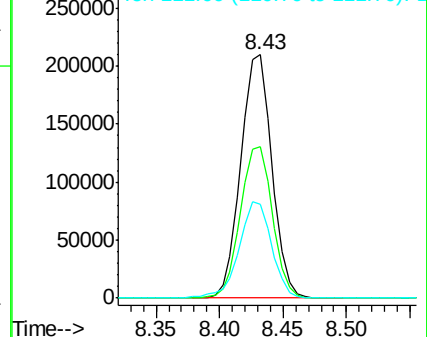
111 38.7 39.7 59.5#

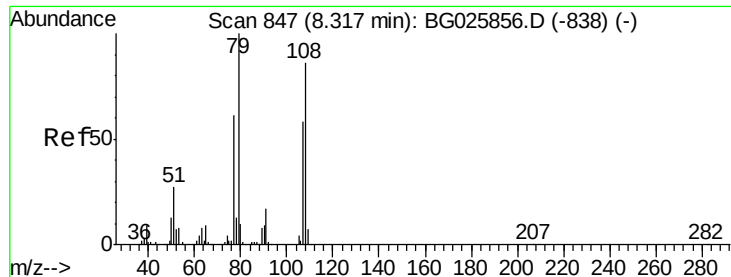


Abundance Ion 146.00 (145.70 to 146.70): E

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

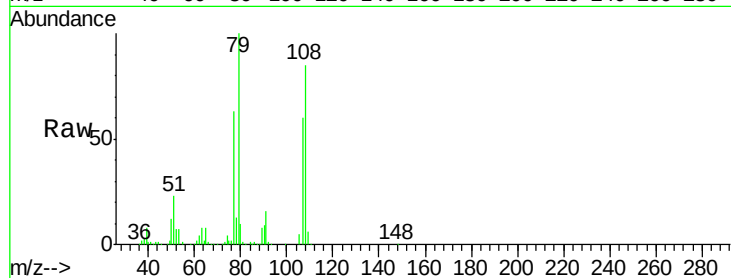
Tgt Ion: 79 Resp: 294875

Ion Ratio Lower Upper

79 100

108 84.6 45.5 68.3#

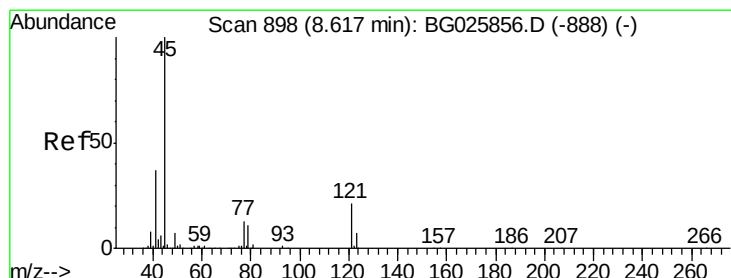
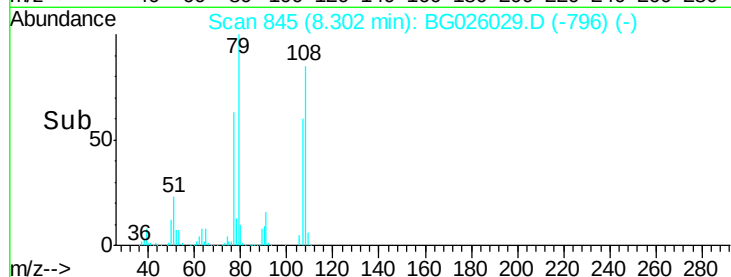
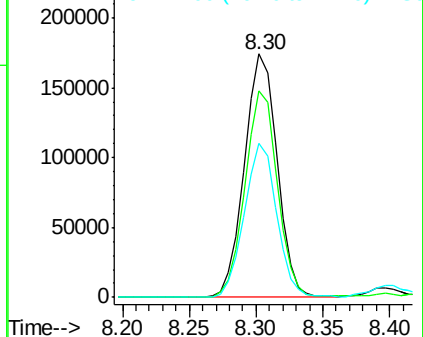
77 63.2 54.3 81.5



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

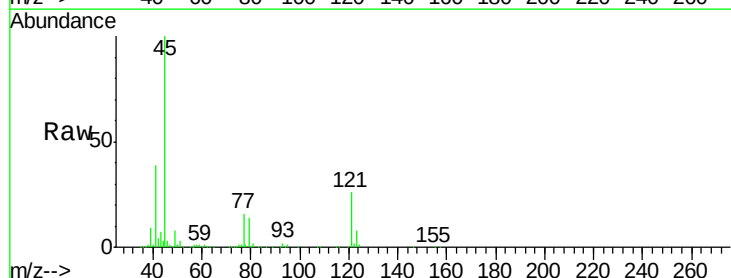
Tgt Ion: 45 Resp: 372594

Ion Ratio Lower Upper

45 100

77 16.0 0.0 30.6

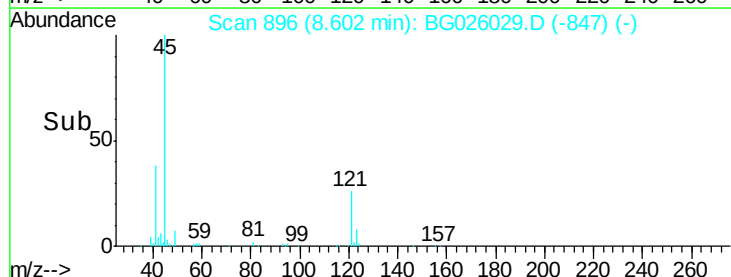
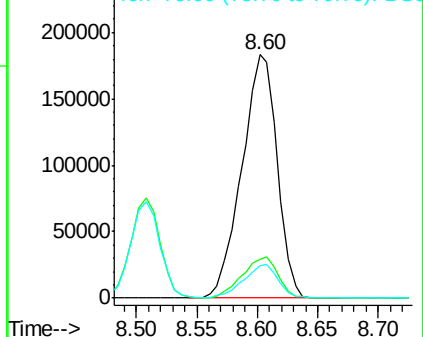
79 13.6 0.0 28.5

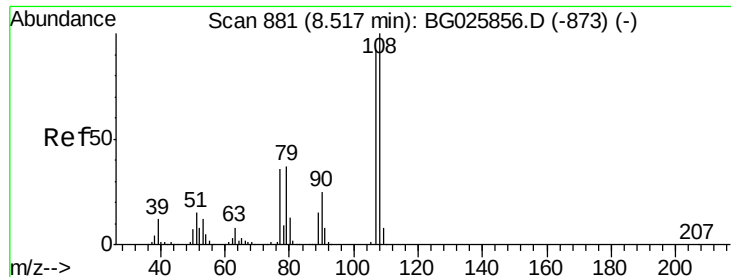


Abundance Ion 45.00 (44.70 to 45.70): BGC

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

Tgt Ion:107 Resp: 315268

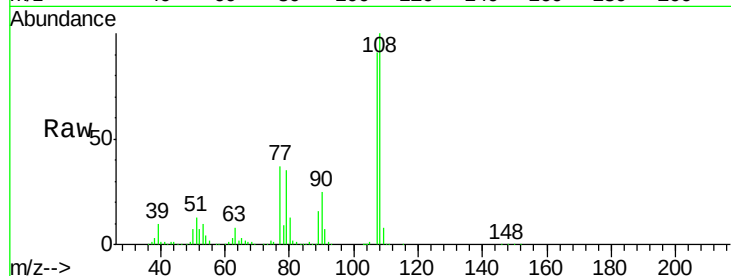
Ion Ratio Lower Upper

107 100

108 109.7 85.6 128.4

77 40.1 51.4 77.2#

79 38.7 49.2 73.8#



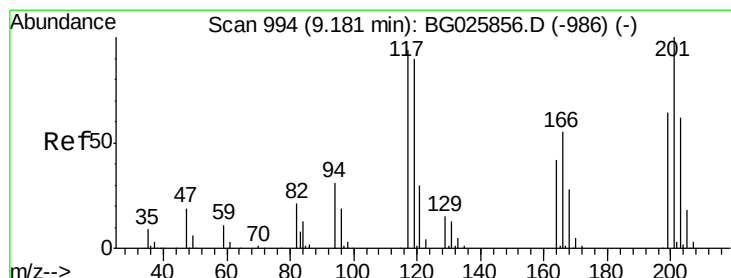
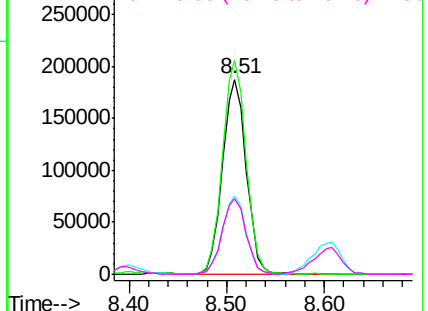
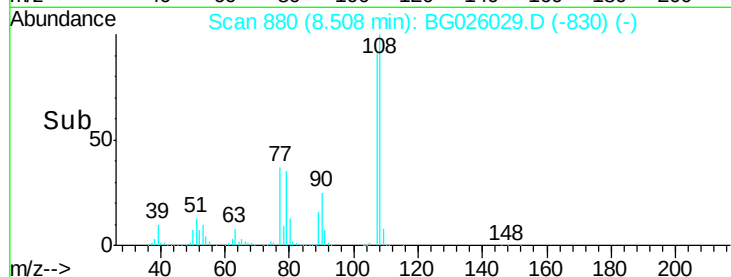
Abundance

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

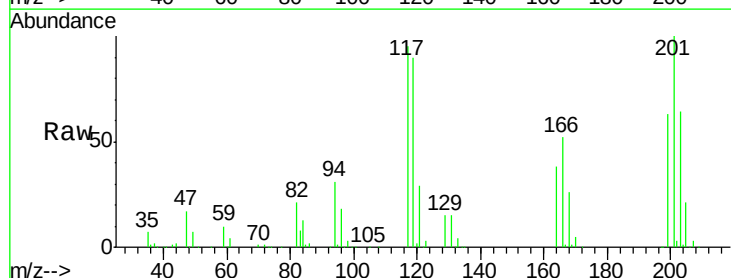
Tgt Ion:117 Resp: 123843

Ion Ratio Lower Upper

117 100

119 95.2 69.8 104.6

201 105.3 95.4 143.0

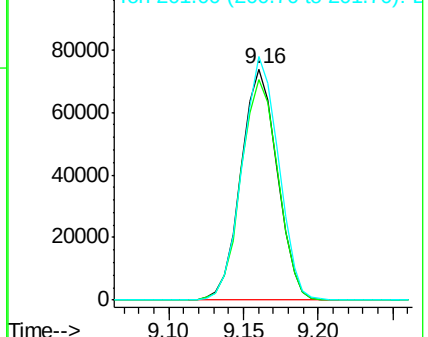
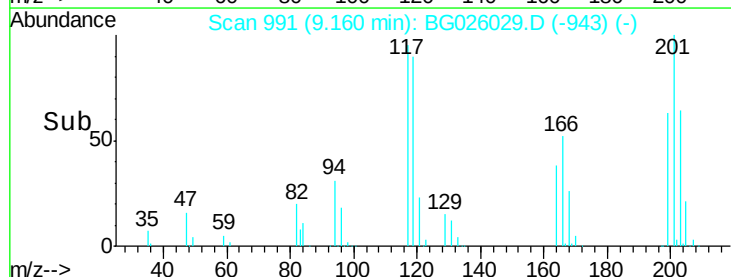


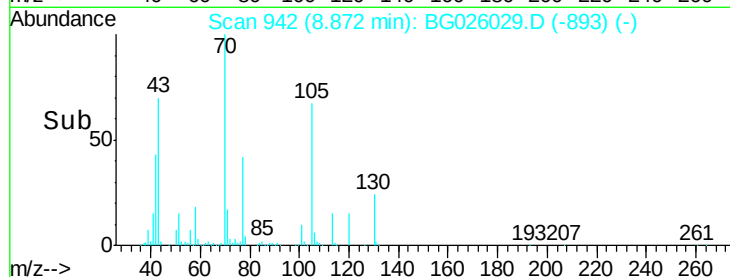
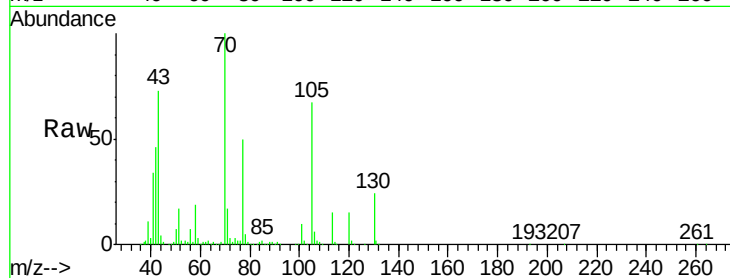
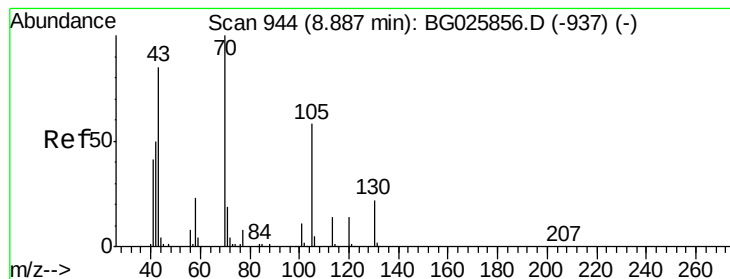
Abundance

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

Tgt Ion: 70 Resp: 259051

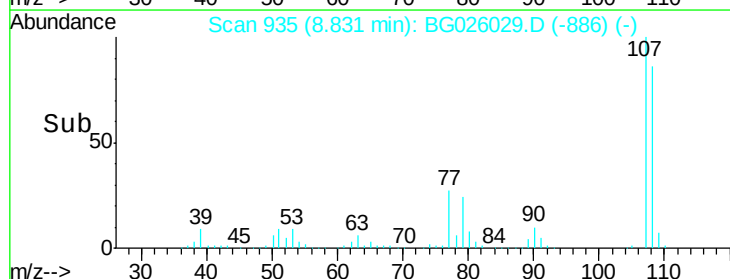
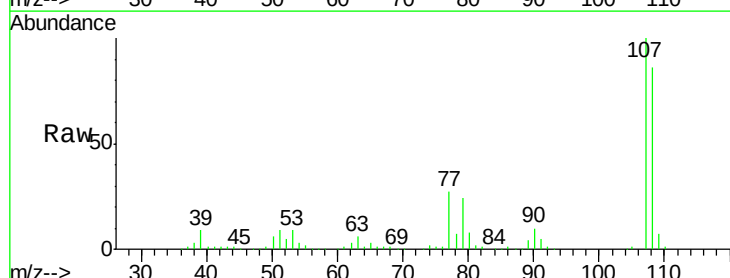
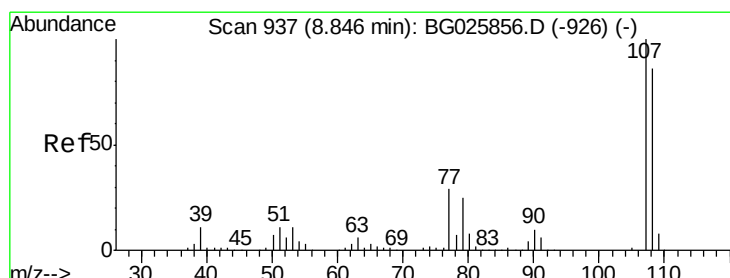
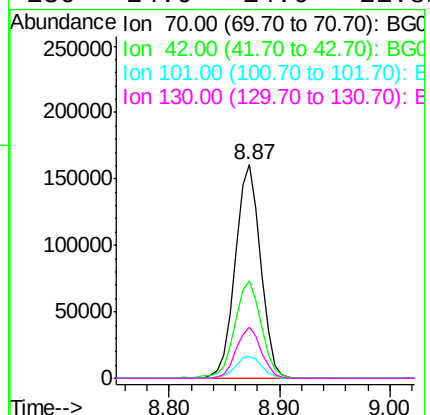
Ion Ratio Lower Upper

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

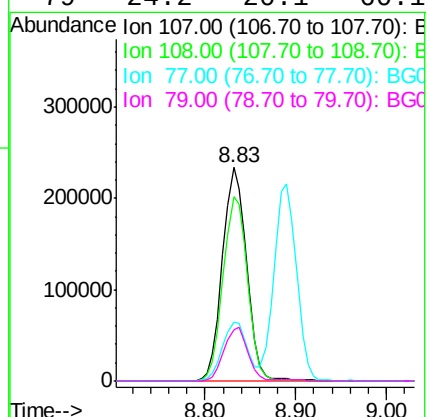
Ion Ratio Lower Upper

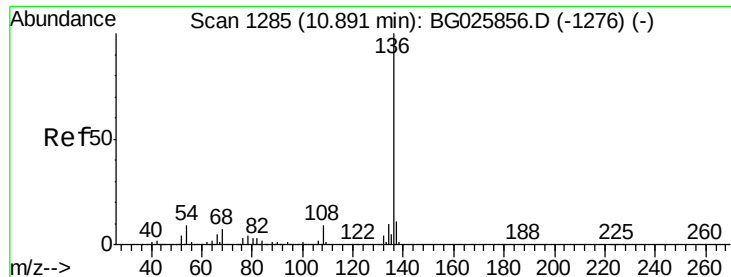
107 100

108 86.1 70.8 110.8

77 27.5 25.8 65.8

79 24.2 20.1 60.1

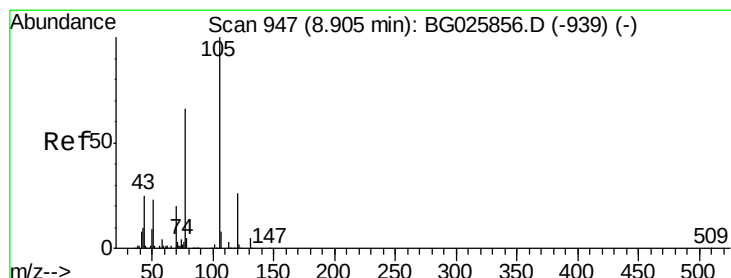
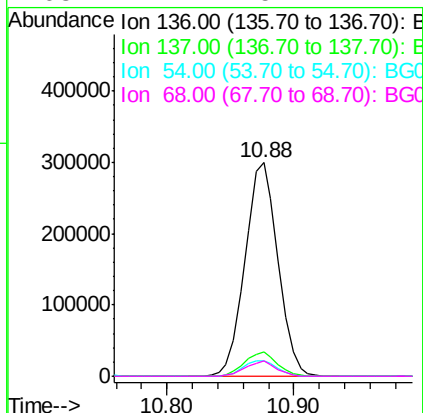
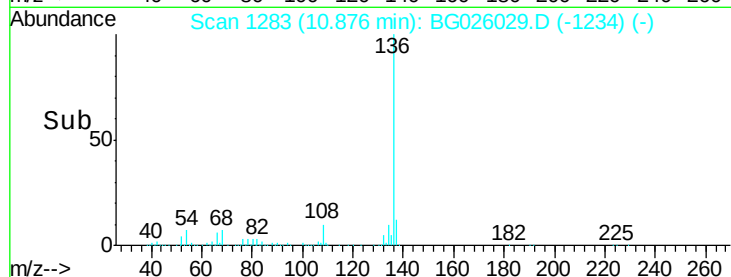
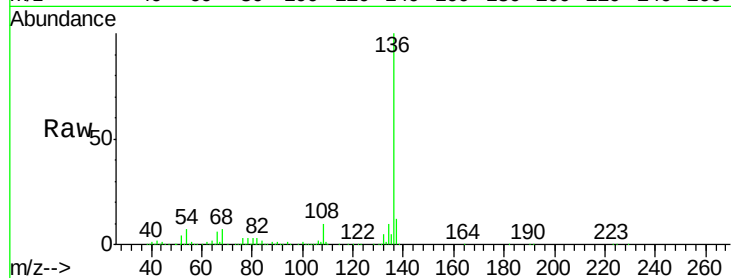




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

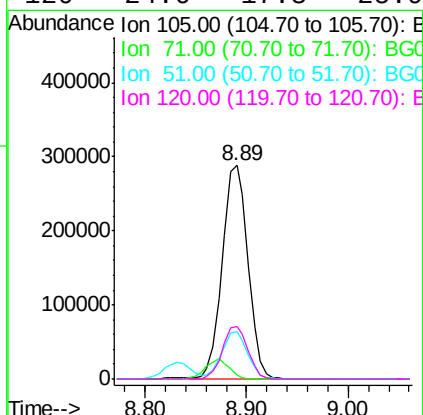
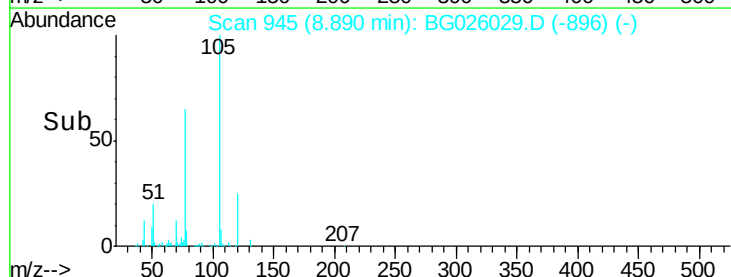
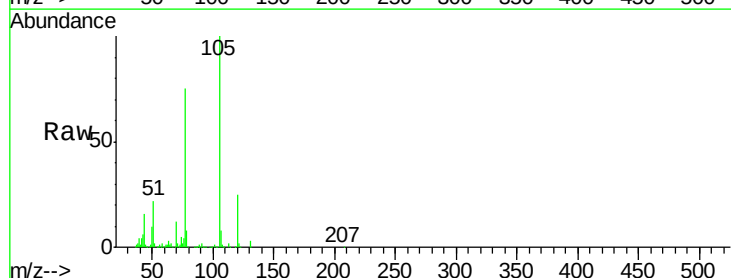
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

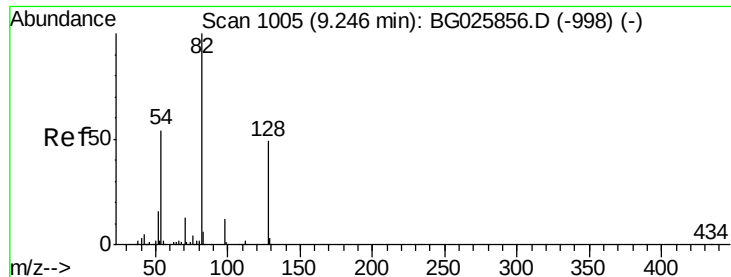
Tgt Ion:	136	Resp:	538744
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.1	9.3	13.9#
68	7.1	5.1	7.7



#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

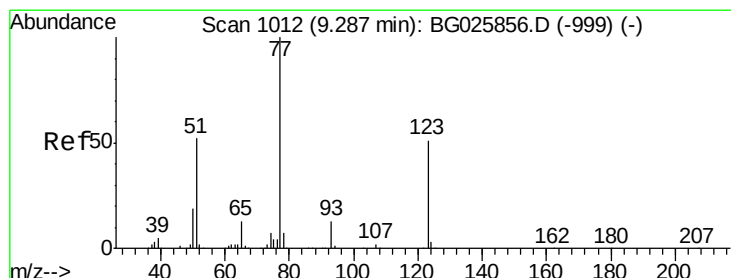
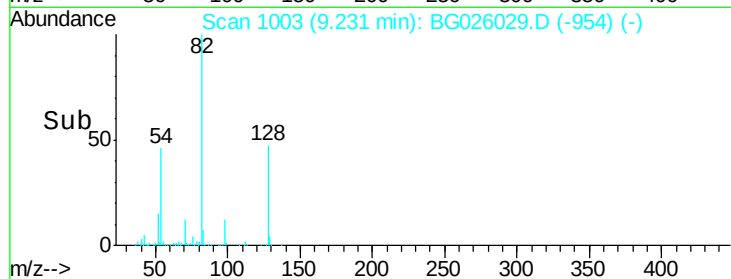
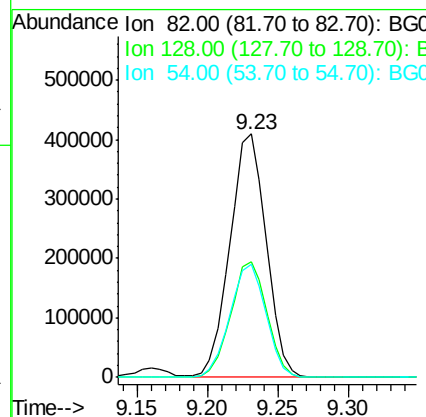
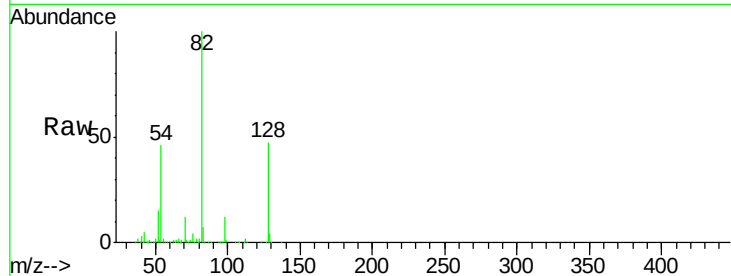




#23
 Nitrobenzene-d5
 Concen: 85.73 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

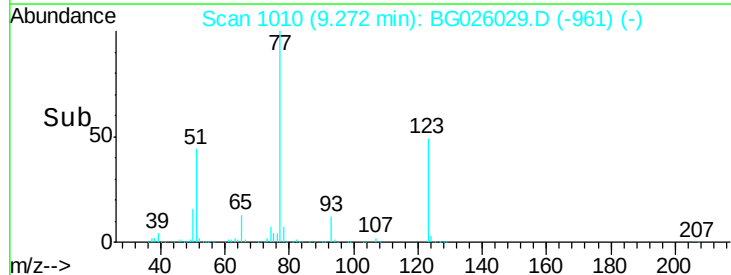
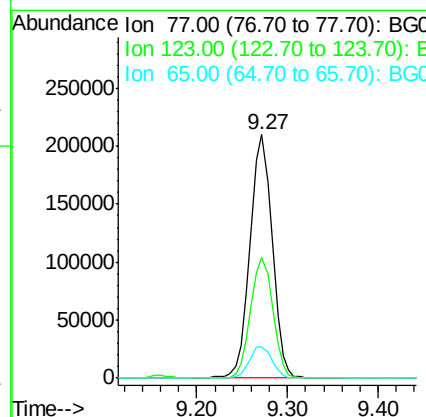
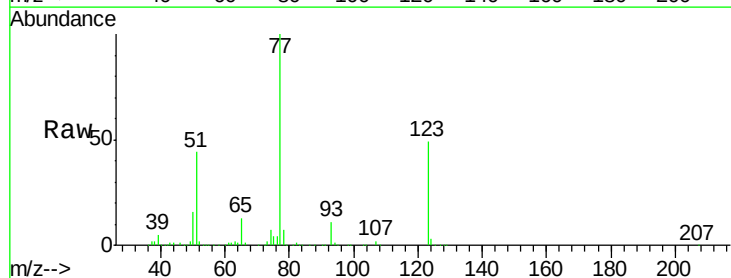
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

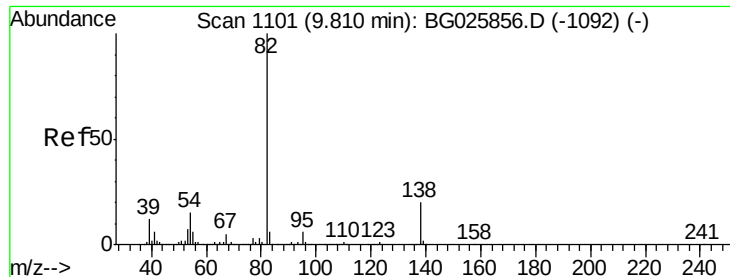
Tgt Ion: 82 Resp: 731882
 Ion Ratio Lower Upper
 82 100
 128 47.4 26.4 39.6#
 54 46.3 49.4 74.2#



#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

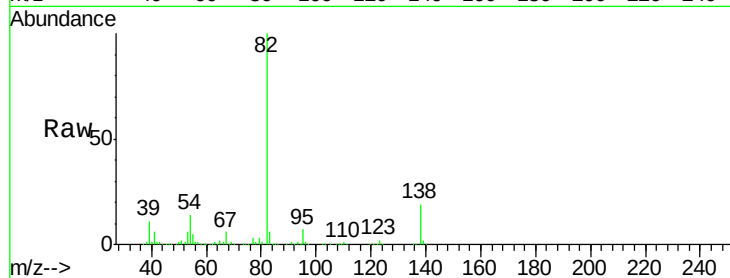
Tgt Ion: 82 Resp: 719953

Ion Ratio Lower Upper

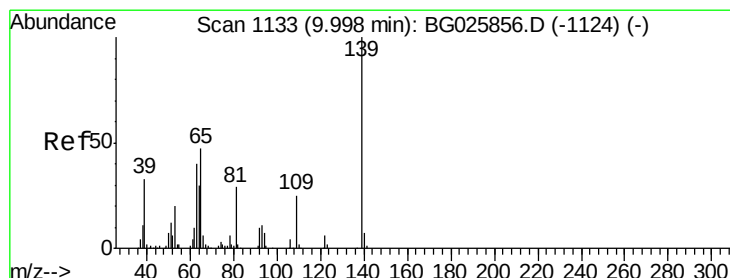
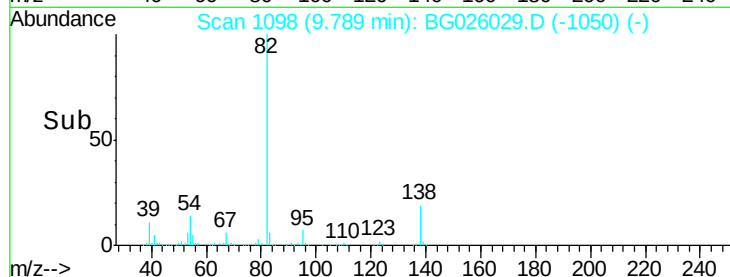
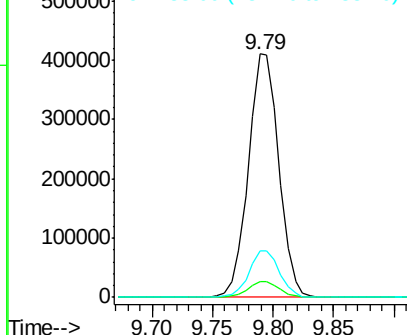
82 100

95 6.6 7.5 11.3#

138 19.3 12.3 18.5#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 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

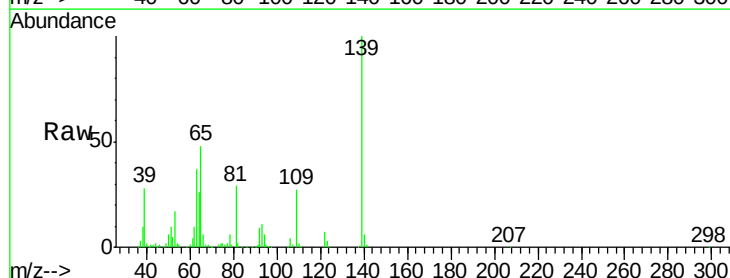
Tgt Ion: 139 Resp: 192015

Ion Ratio Lower Upper

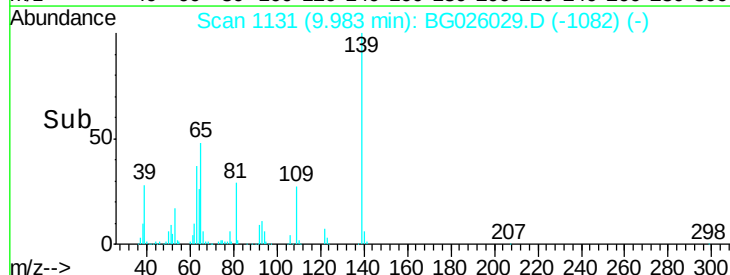
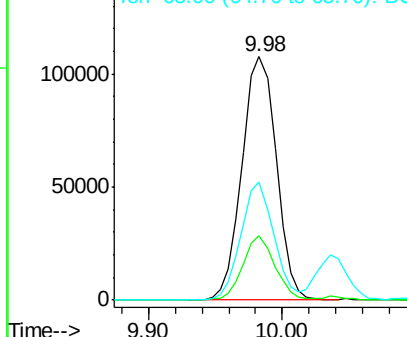
139 100

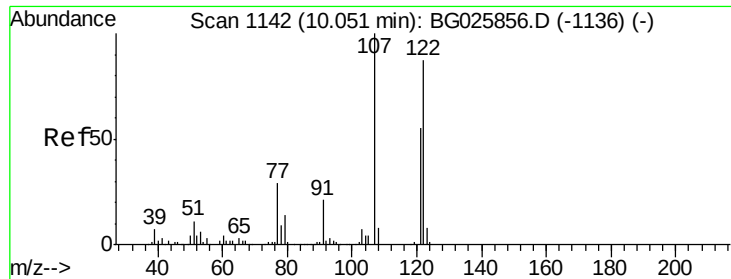
109 26.5 38.6 58.0#

65 48.3 57.1 85.7#



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

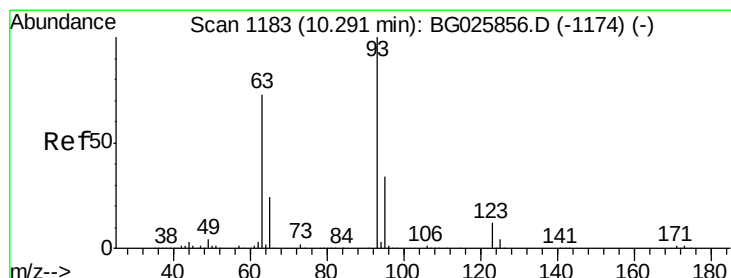
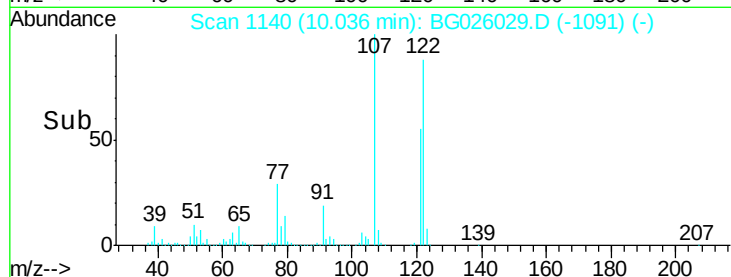
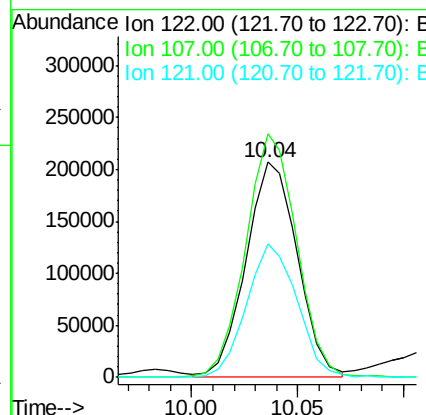
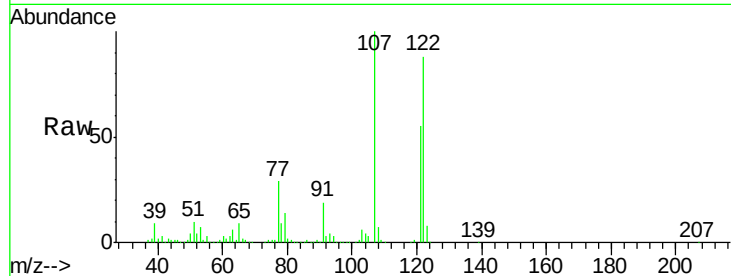




#27
 2,4-Dimethylphenol
 Concen: 43.14 ng
 RT: 10.04 min Scan# 1140
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

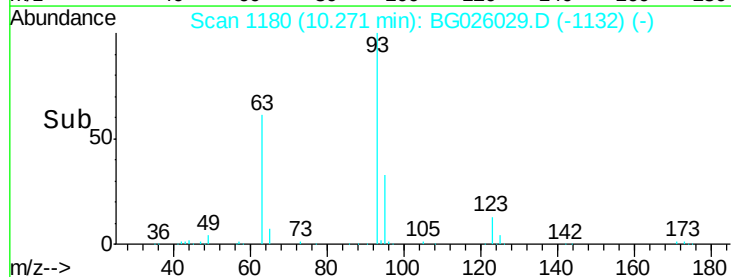
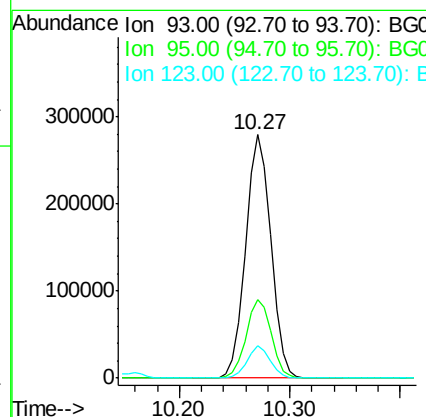
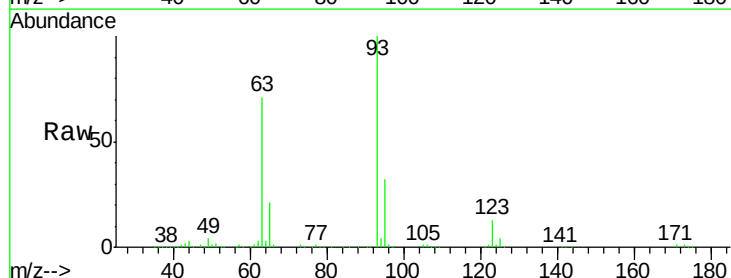
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

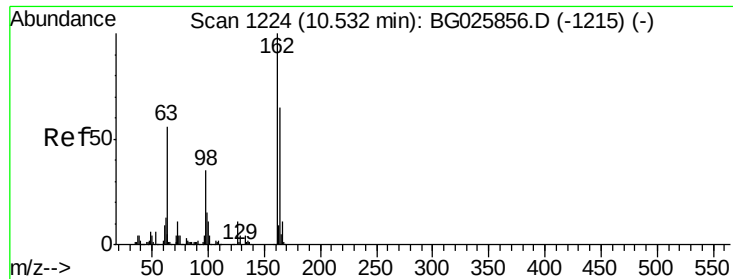
Tgt Ion:122 Resp: 347581
 Ion Ratio Lower Upper
 122 100
 107 113.2 104.2 156.4
 121 61.9 46.0 69.0



#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#

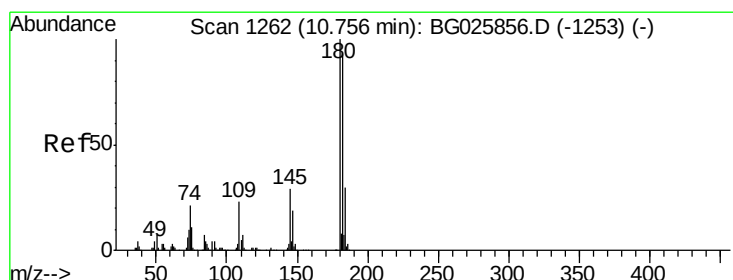
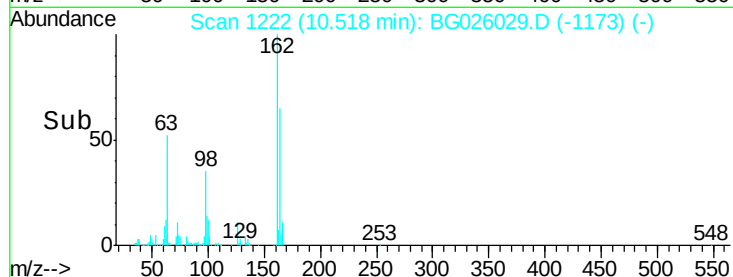
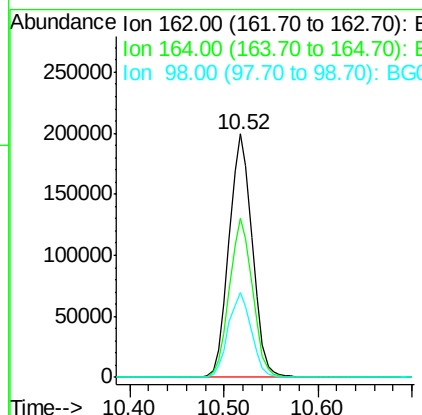
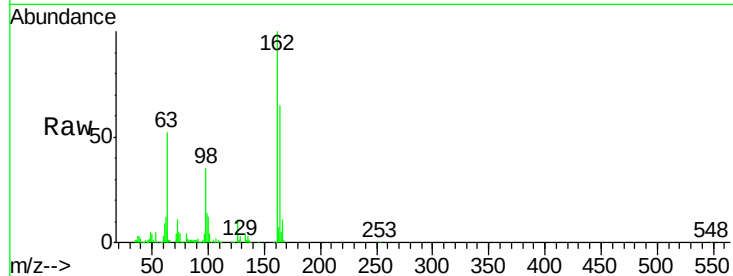




#29
 2,4-Dichlorophenol
 Concen: 44.69 ng
 RT: 10.52 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

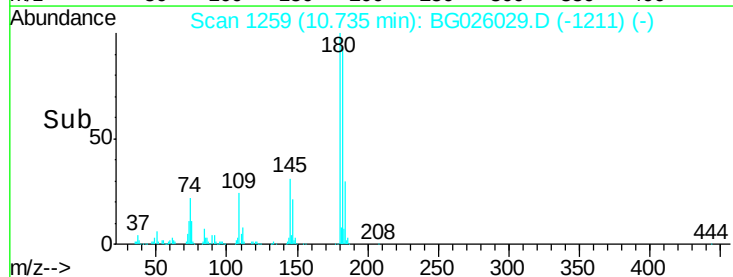
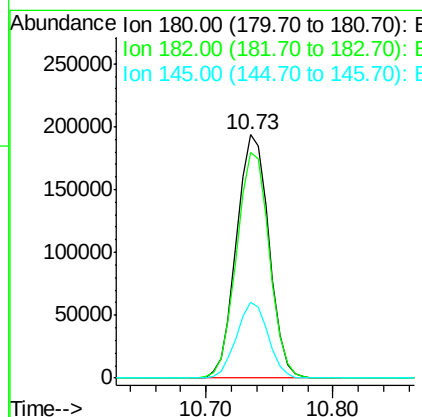
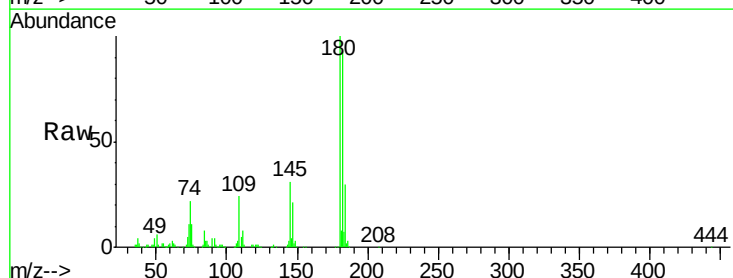
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

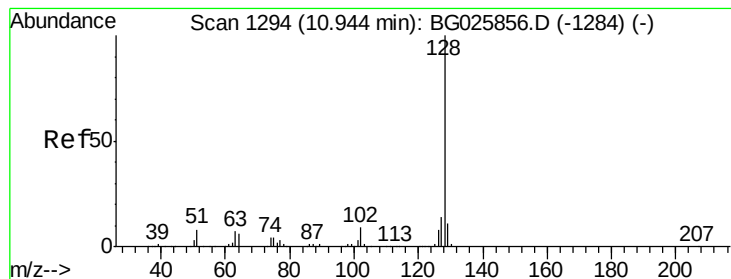
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.5	42.4	82.4
98	35.0	20.3	60.3



#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

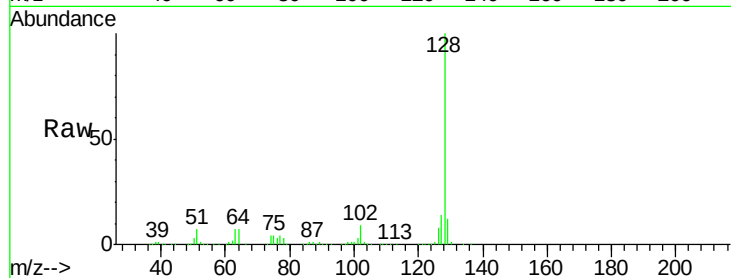
Tgt Ion:128 Resp: 1068084

Ion Ratio Lower Upper

128 100

129 12.0 9.3 13.9

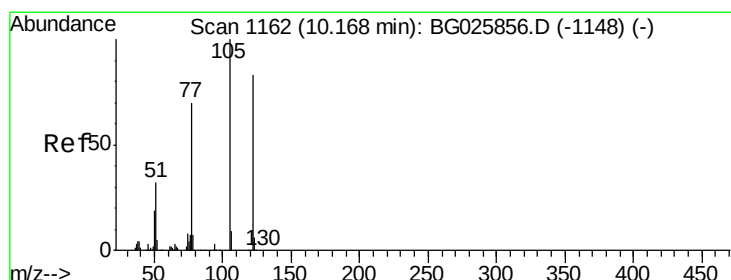
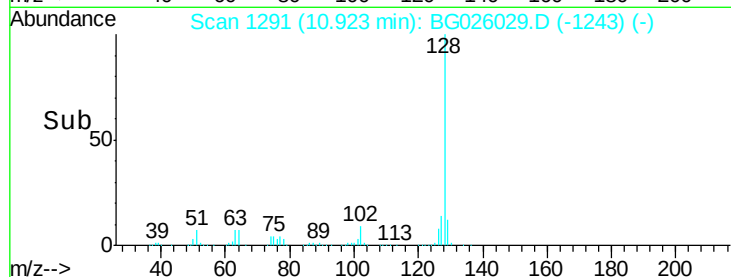
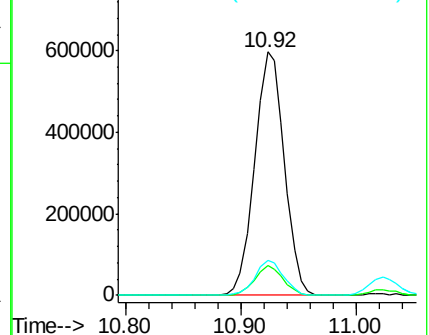
127 14.3 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 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

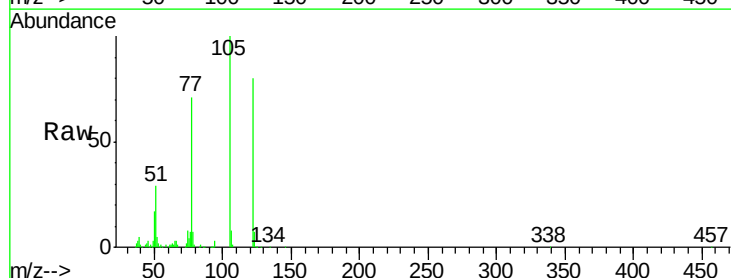
Tgt Ion:122 Resp: 224466

Ion Ratio Lower Upper

122 100

105 125.5 120.1 160.1

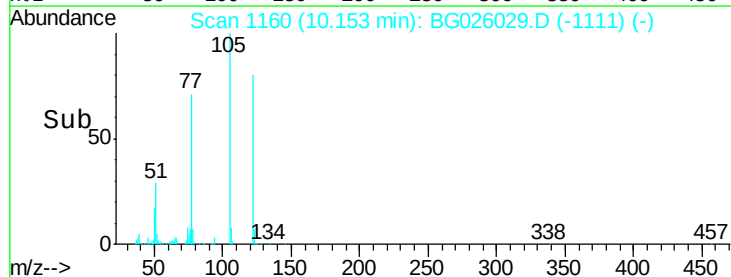
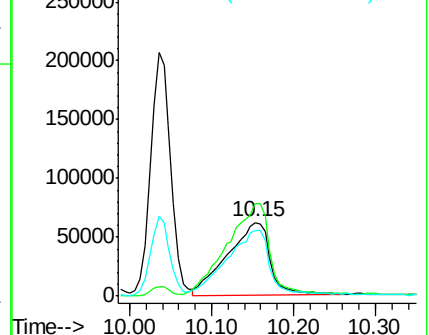
77 89.5 104.6 144.6#

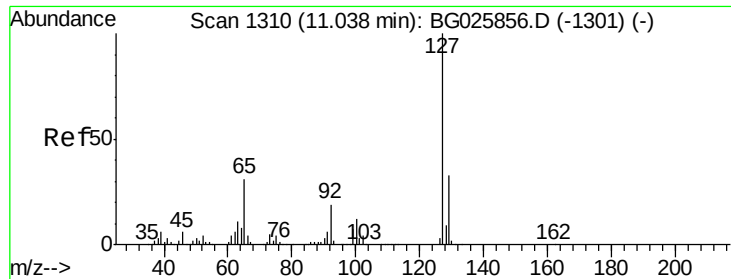


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

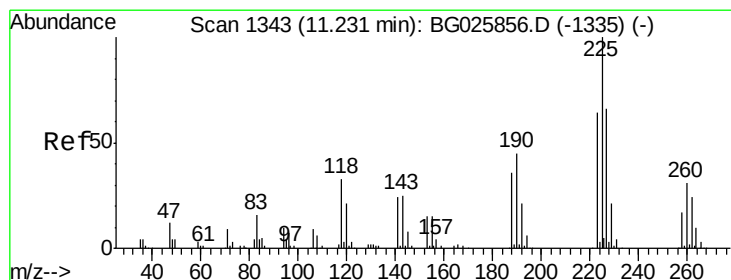
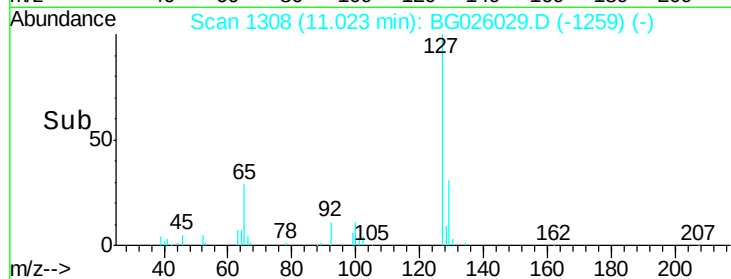
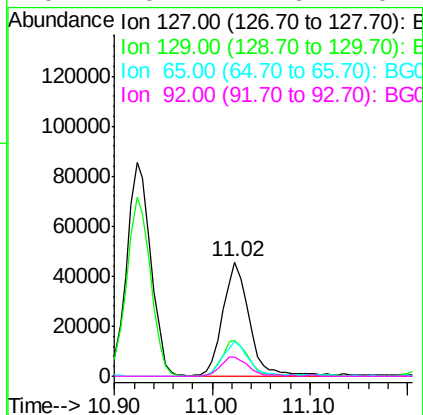
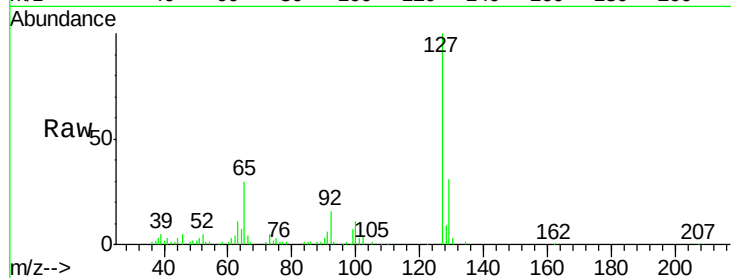




#33
4-Chloroaniline
Concen: 6.98 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

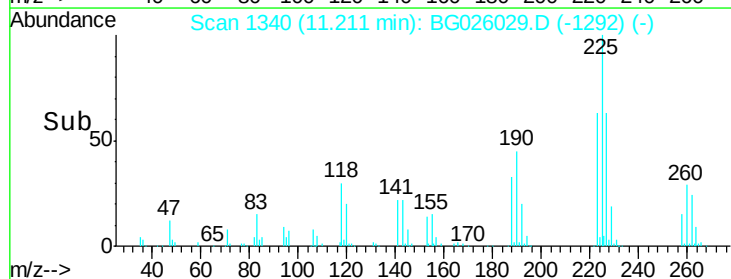
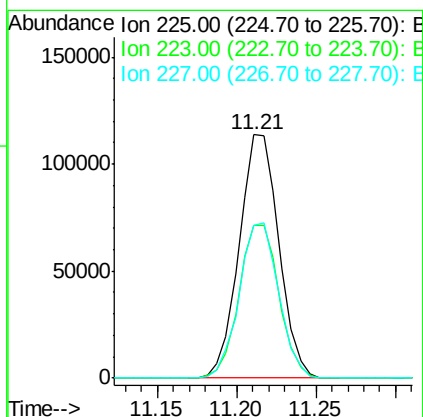
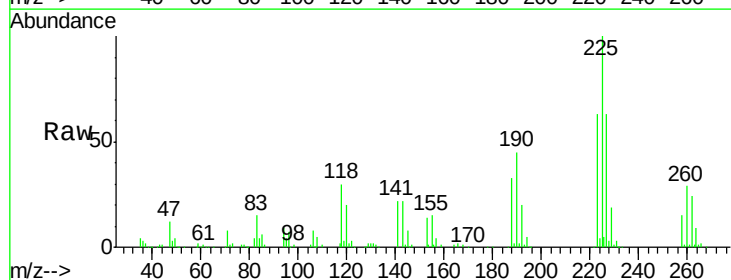
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

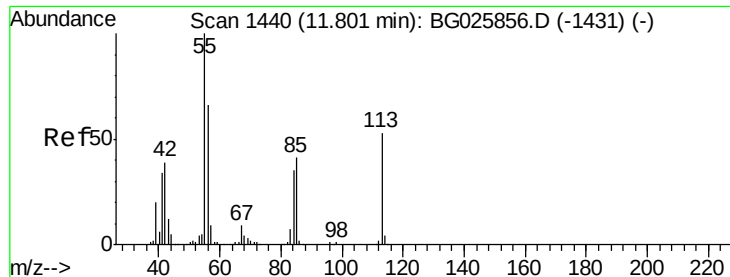
Tgt Ion:127 Resp: 84407
Ion Ratio Lower Upper
127 100
129 31.3 23.6 35.4
65 29.9 37.7 56.5#
92 16.4 17.6 26.4#



#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

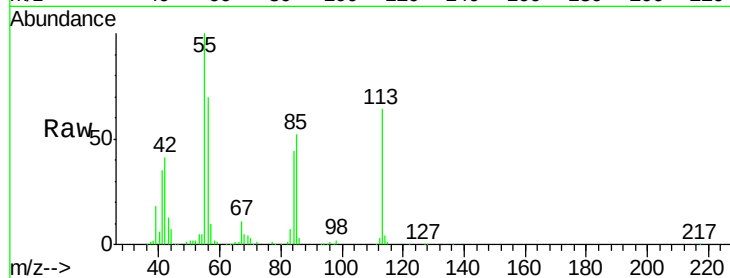
Tgt Ion:113 Resp: 134842

Ion Ratio Lower Upper

113 100

55 156.2 198.6 238.6#

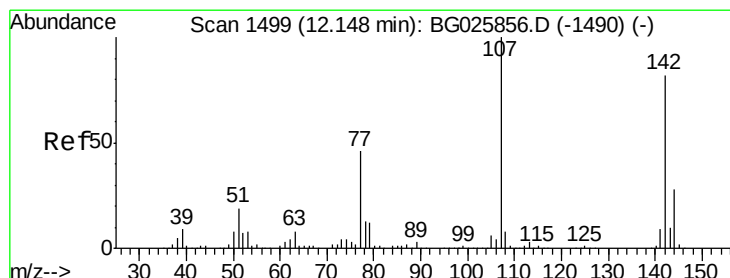
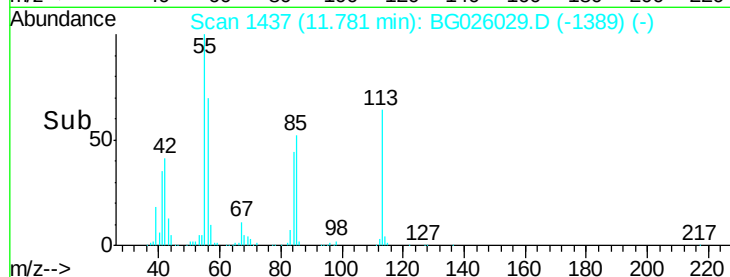
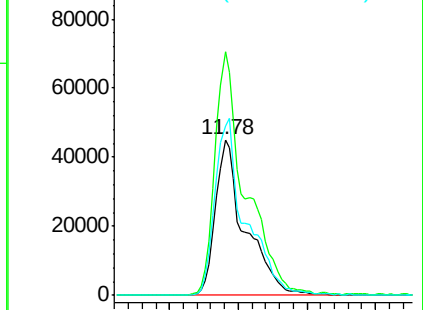
56 108.9 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 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

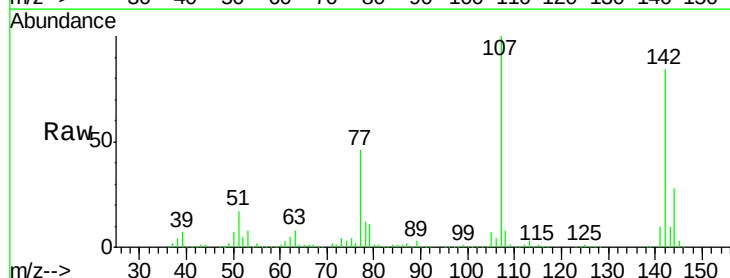
Tgt Ion:107 Resp: 376672

Ion Ratio Lower Upper

107 100

144 27.8 17.4 26.0#

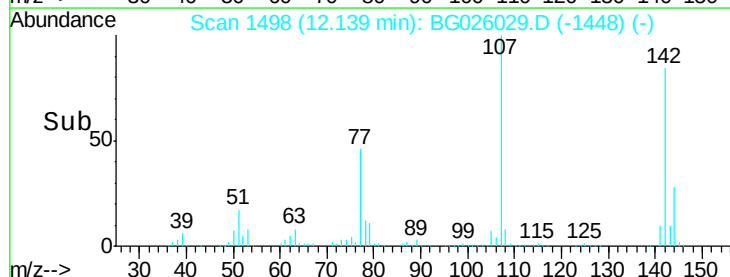
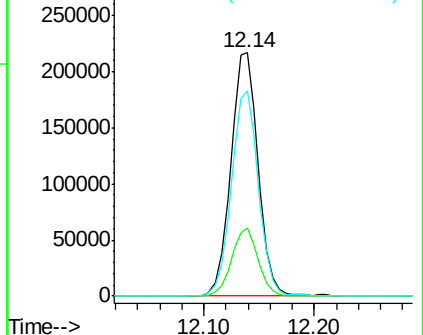
142 84.4 54.1 81.1#

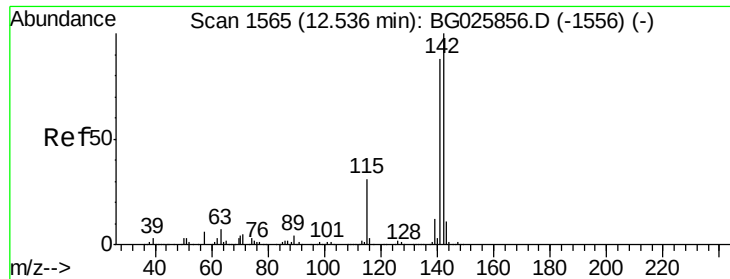


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

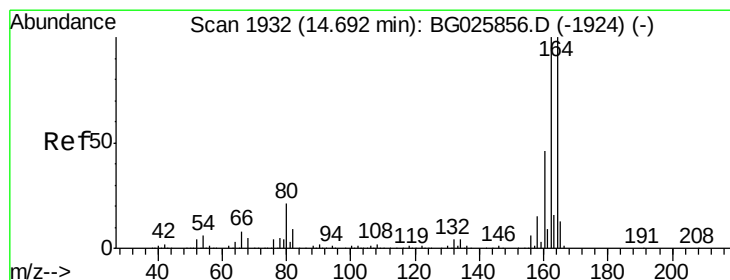
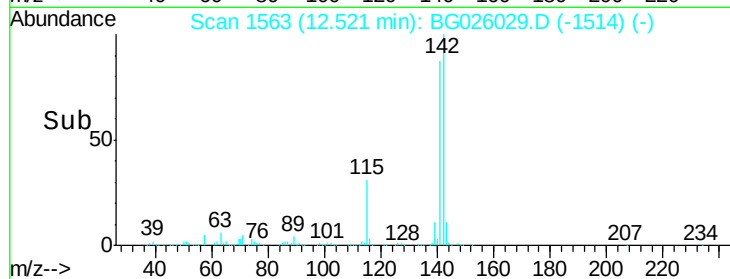
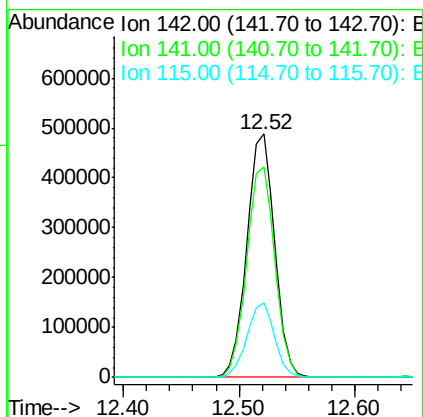
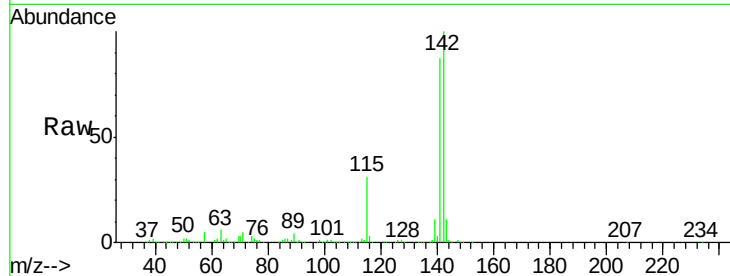




#37
 2-Methylnaphthalene
 Concen: 38.54 ng
 RT: 12.52 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

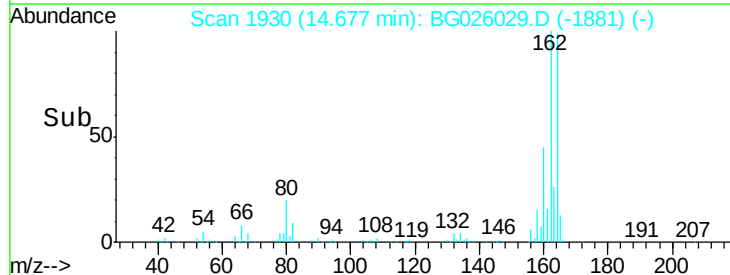
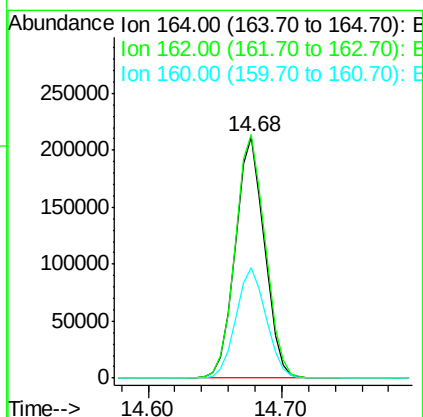
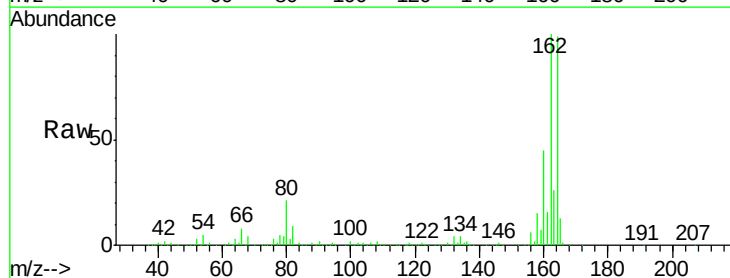
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

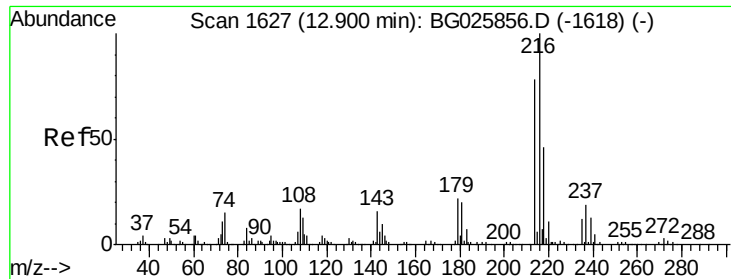
Tgt Ion:142 Resp: 817583
 Ion Ratio Lower Upper
 142 100
 141 86.5 70.4 105.6
 115 30.7 35.5 53.3#



#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

Tgt Ion:216 Resp: 366118

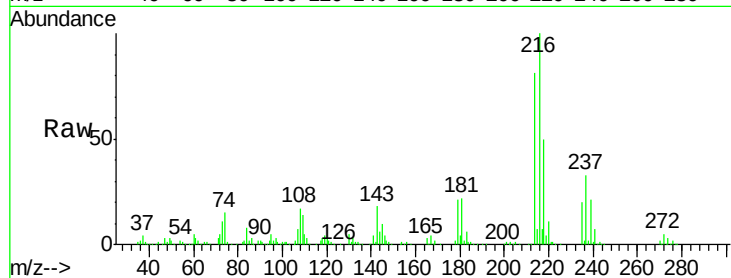
Ion Ratio Lower Upper

216 100

214 79.8 64.4 96.6

179 20.7 17.4 26.0

108 19.9 15.6 23.4

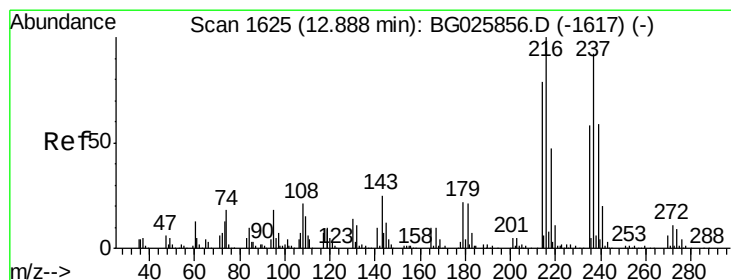
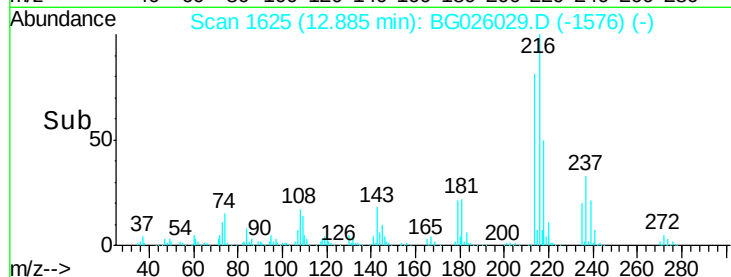
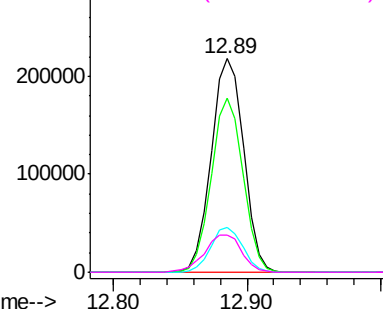


Abundance Ion 216.00 (215.70 to 216.70): E

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

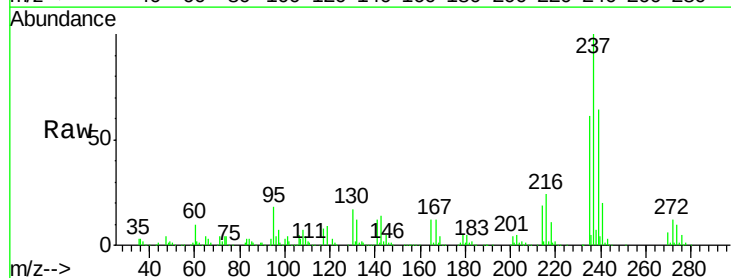
Tgt Ion:237 Resp: 406132

Ion Ratio Lower Upper

237 100

235 61.4 39.4 79.4

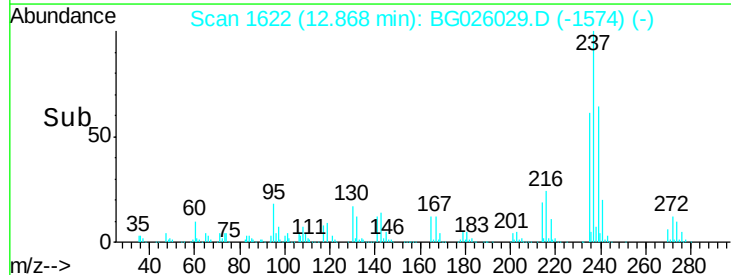
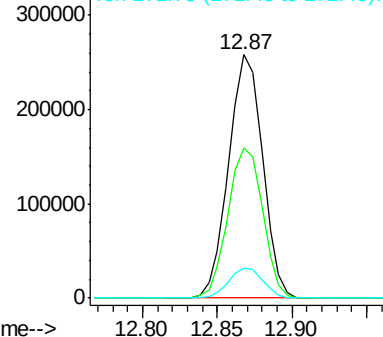
272 12.1 0.0 32.0

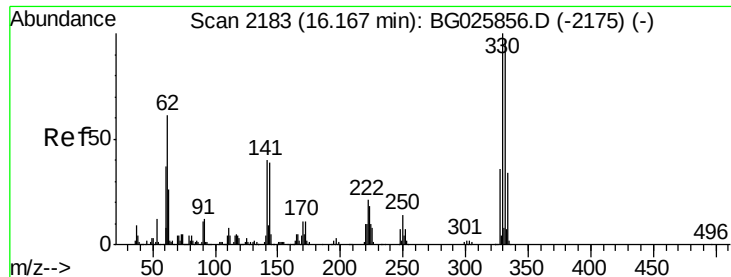


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

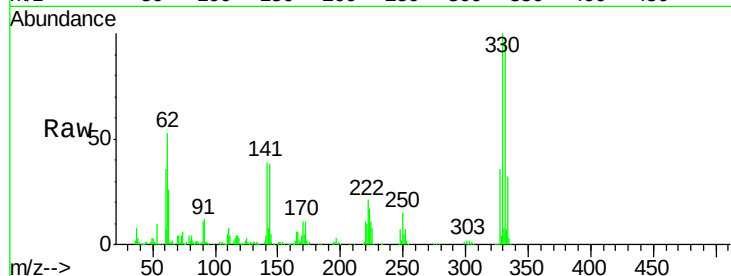




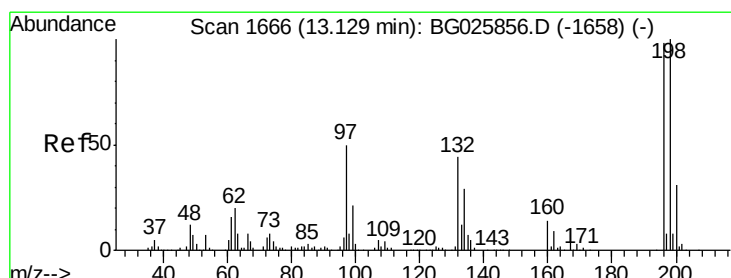
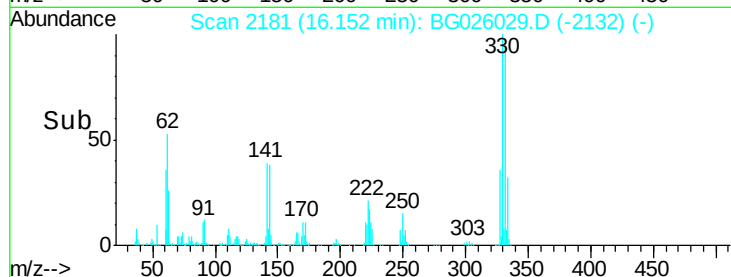
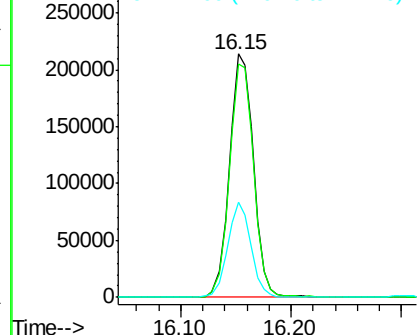
#41
 2,4,6-Tribromophenol
 Concen: 109.89 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

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

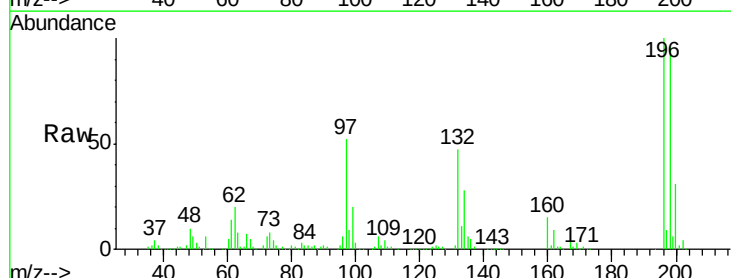


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

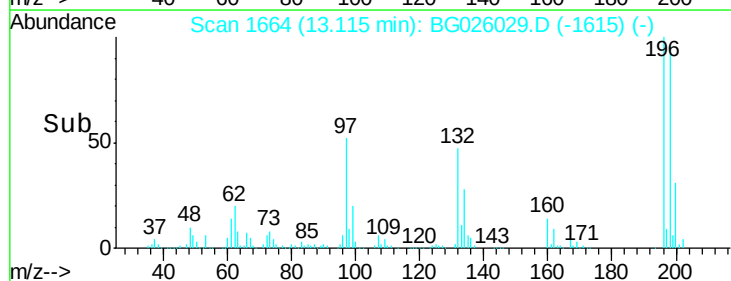
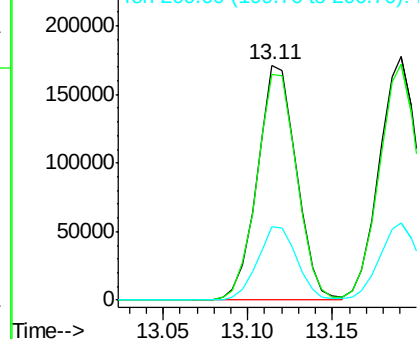


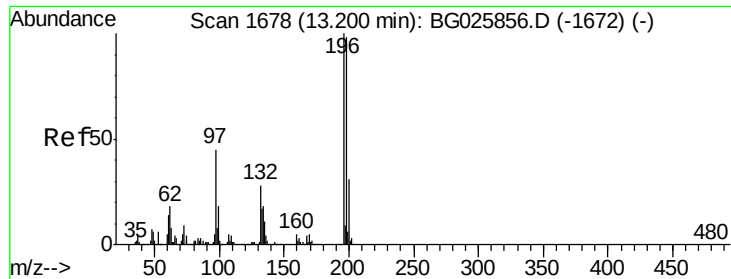
#42
 2,4,6-Trichlorophenol
 Concen: 52.93 ng
 RT: 13.11 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

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



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

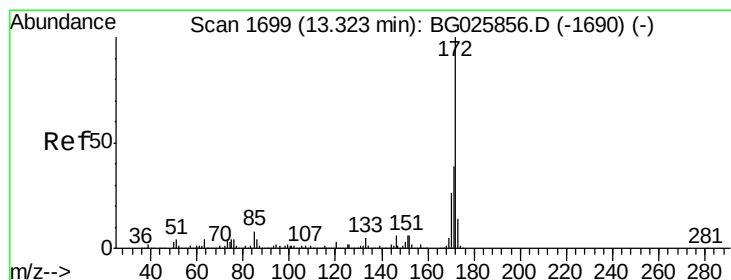
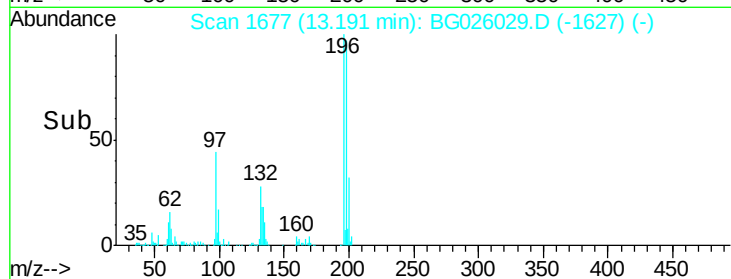
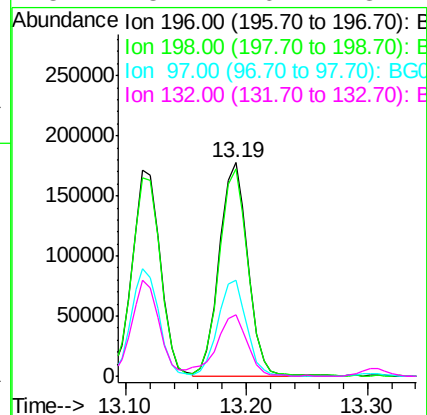
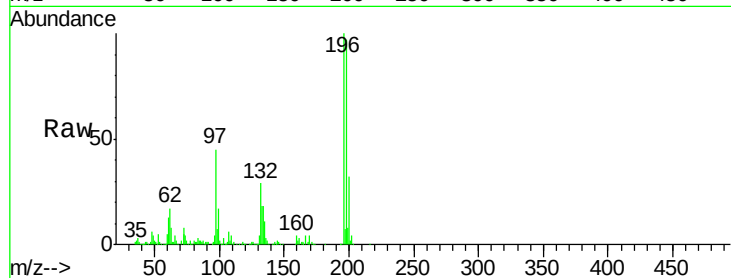




#43
2,4,5-Trichlorophenol
Concen: 48.89 ng
RT: 13.19 min Scan# 1677
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

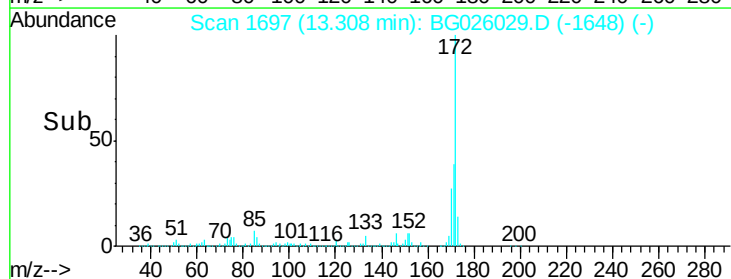
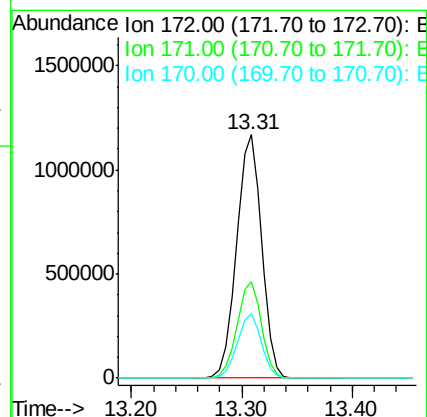
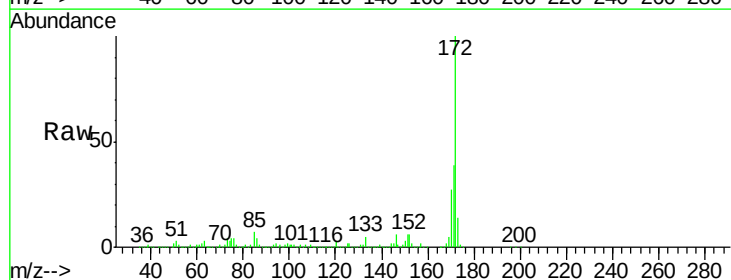
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

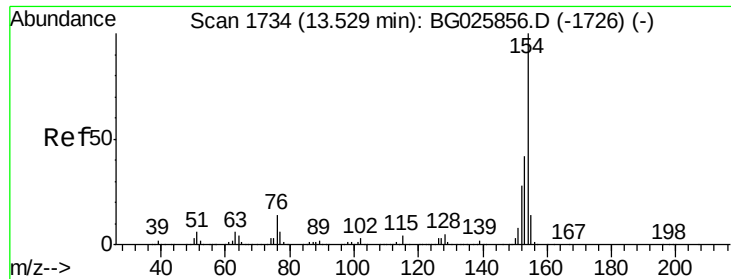
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	79.9	119.9
97	45.0	45.4	68.0
132	28.7	20.7	31.1



#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

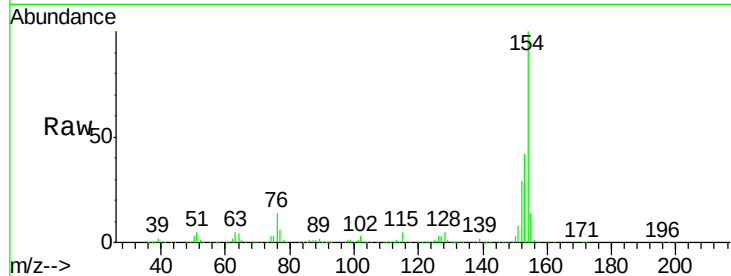
Tgt Ion:154 Resp: 1049627

Ion Ratio Lower Upper

154 100

153 42.5 23.0 63.0

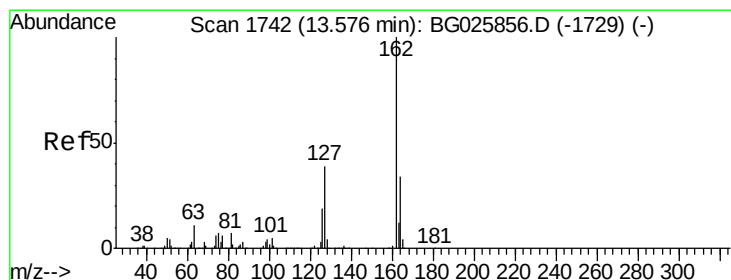
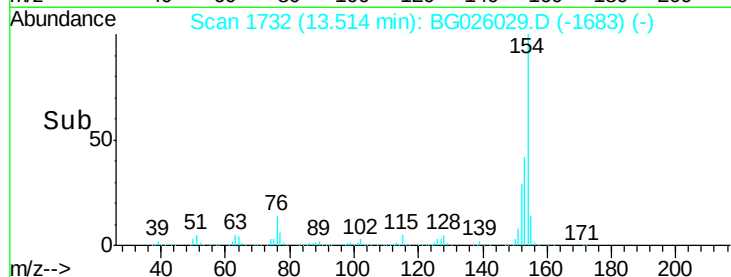
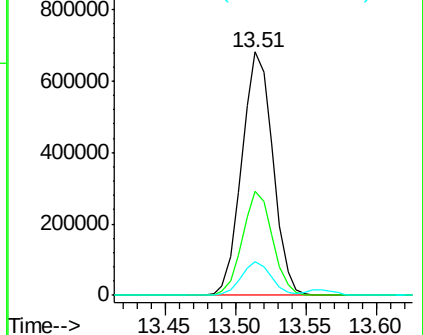
76 14.0 0.0 33.5



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



#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

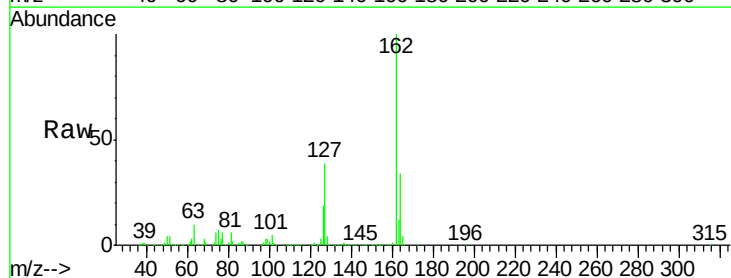
Tgt Ion:162 Resp: 767082

Ion Ratio Lower Upper

162 100

127 38.8 32.2 48.4

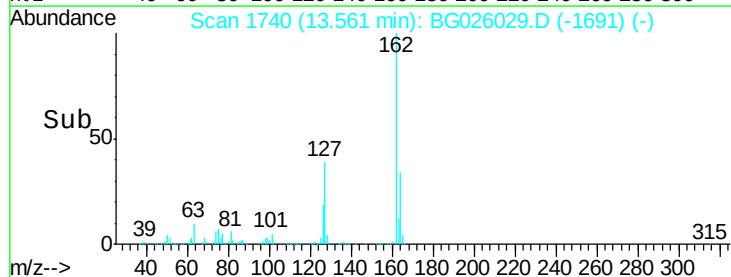
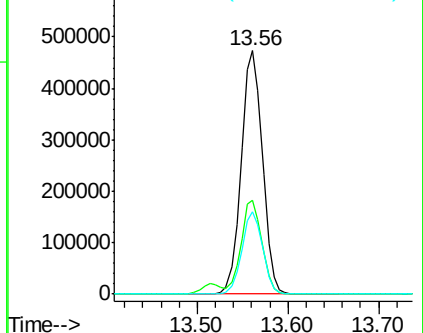
164 33.7 27.3 40.9

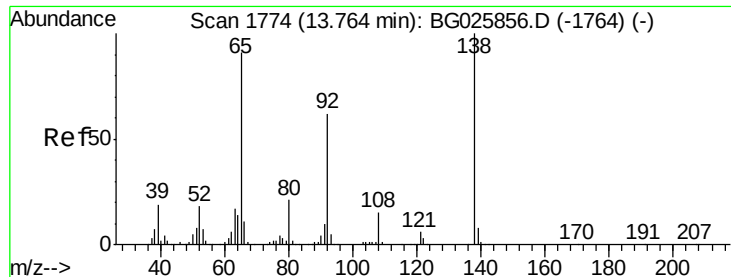


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#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

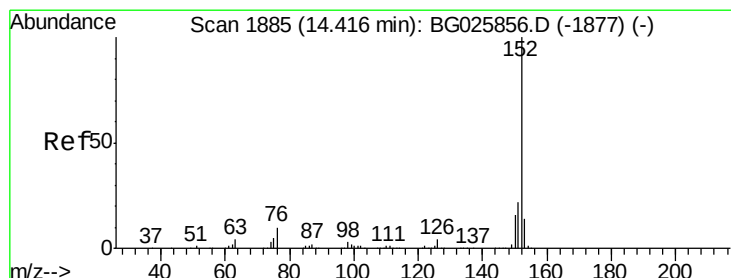
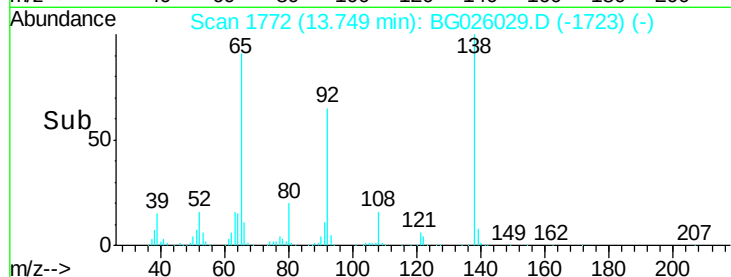
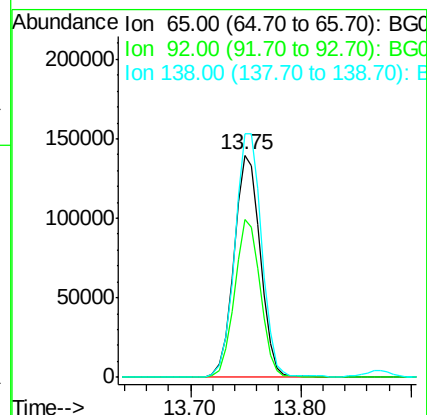
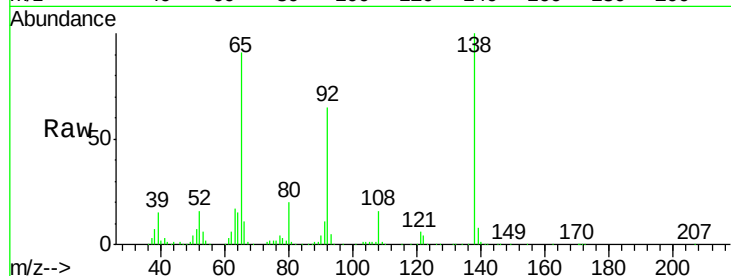
Tgt Ion: 65 Resp: 234548

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

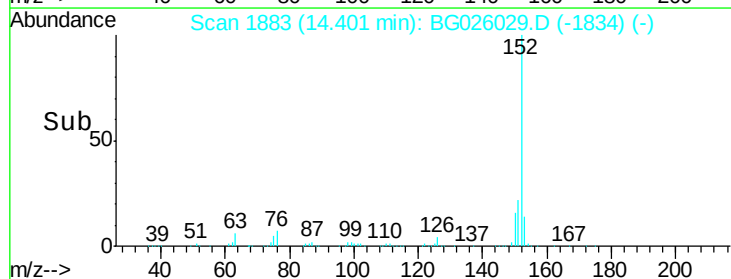
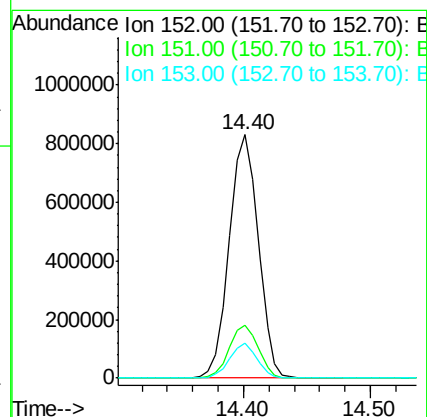
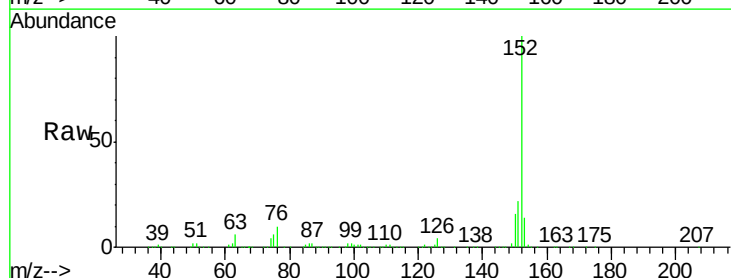
Tgt Ion: 152 Resp: 1311949

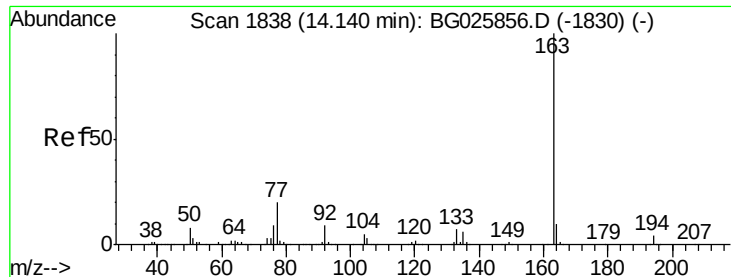
Ion Ratio Lower Upper

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

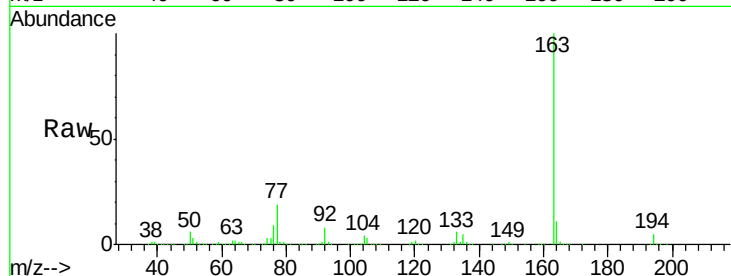
Tgt Ion:163 Resp: 1027590

Ion Ratio Lower Upper

163 100

194 4.5 3.8 5.6

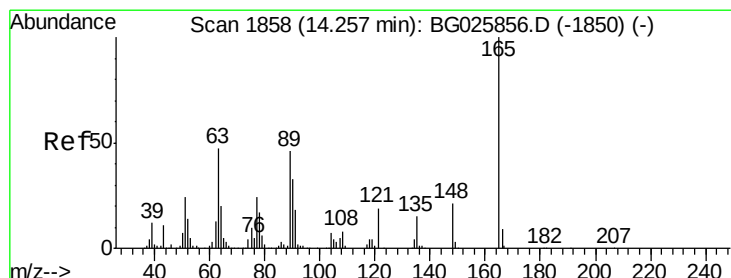
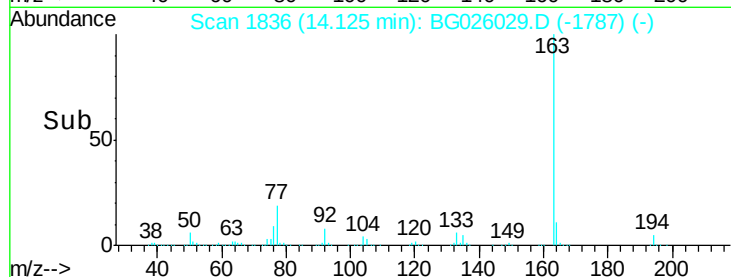
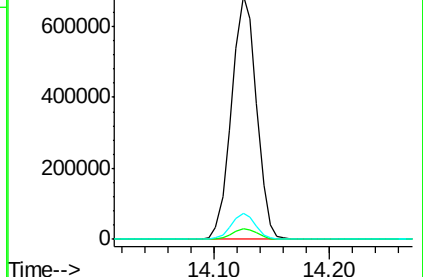
164 10.9 9.3 13.9



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

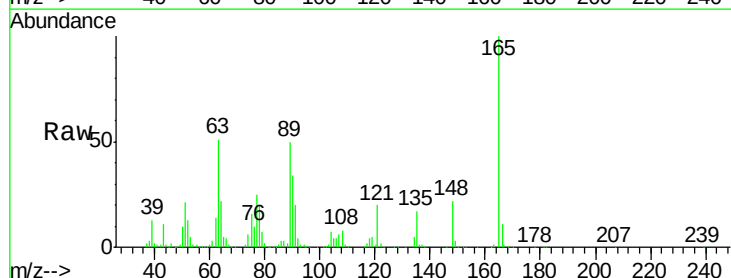
Tgt Ion:165 Resp: 228882

Ion Ratio Lower Upper

165 100

63 51.3 63.9 95.9#

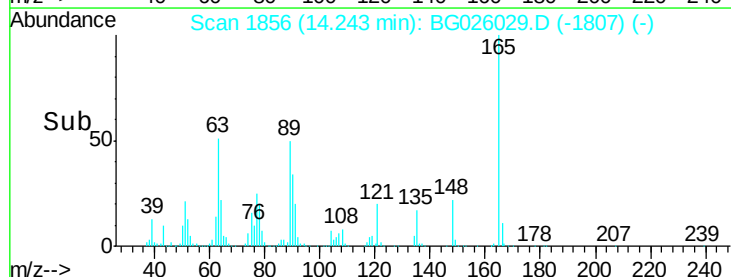
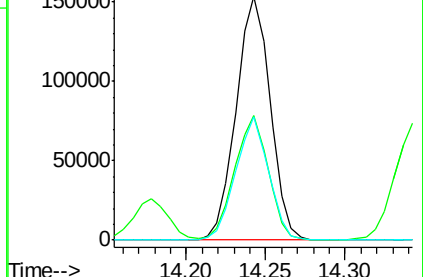
89 50.4 58.6 88.0#

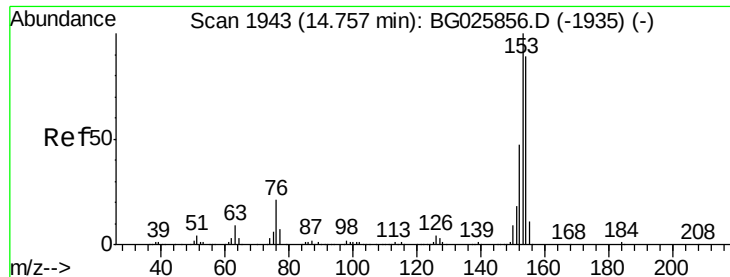


Abundance Ion 165.00 (164.70 to 165.70): E

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

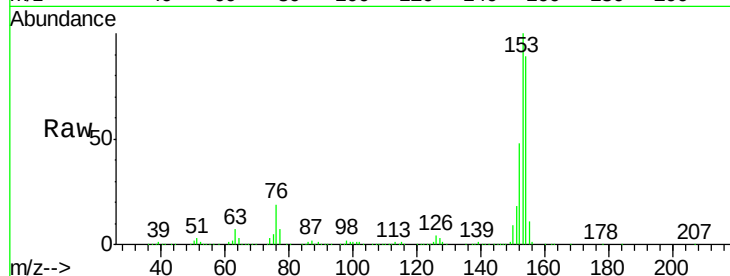
Tgt Ion:154 Resp: 938955

Ion Ratio Lower Upper

154 100

153 112.3 87.8 131.6

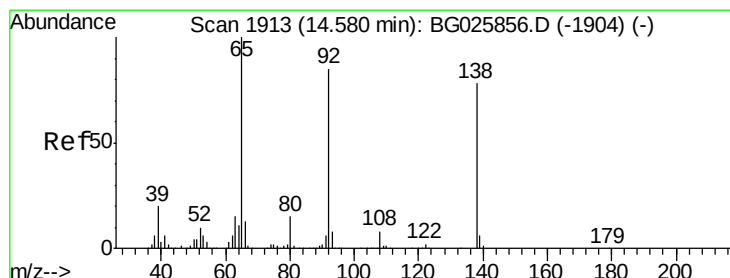
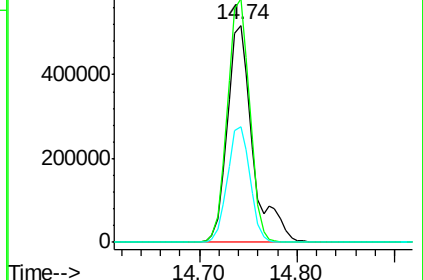
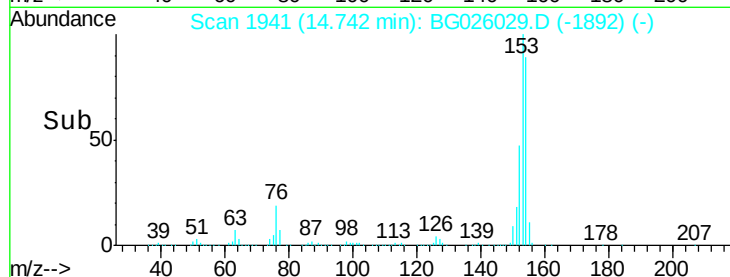
152 53.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 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

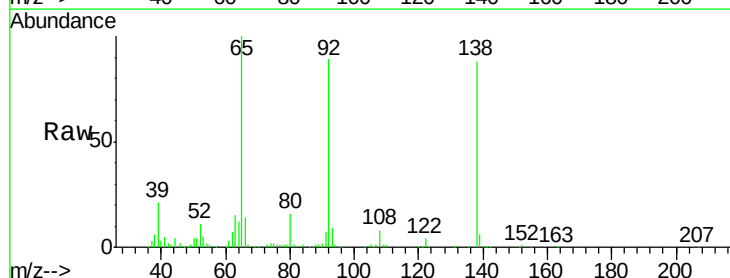
Tgt Ion:138 Resp: 77566

Ion Ratio Lower Upper

138 100

108 9.0 10.9 16.3#

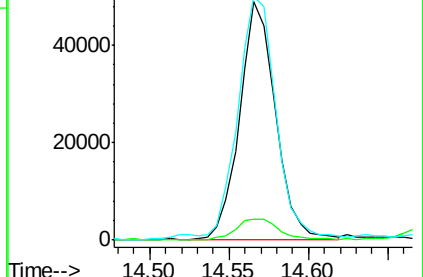
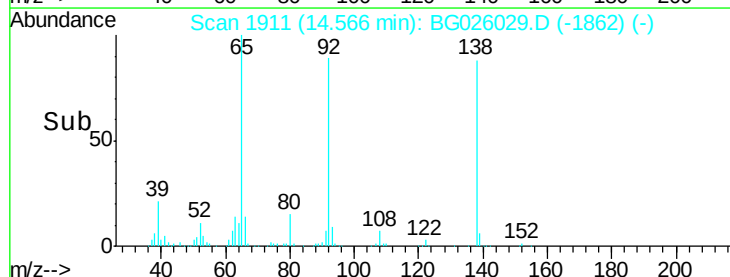
92 101.9 115.3 172.9#

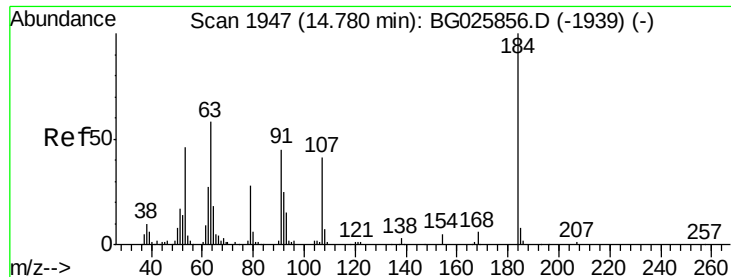


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

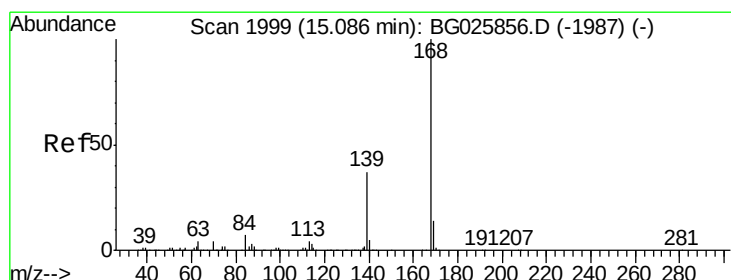
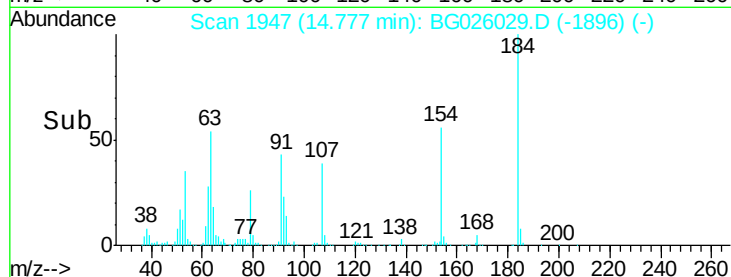
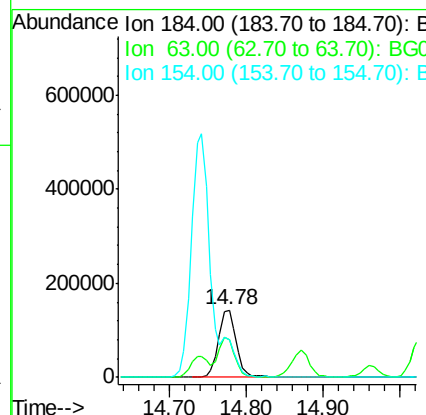
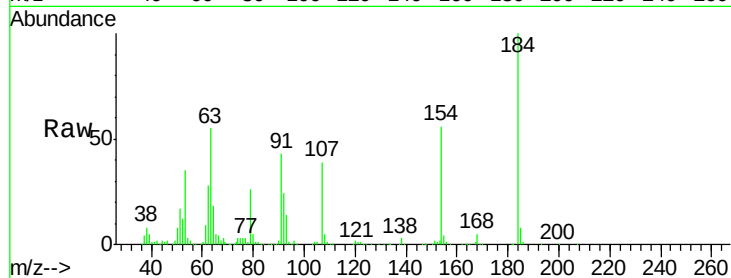




#53
2,4-Dinitrophenol
Concen: 88.87 ng
RT: 14.78 min Scan# 1947
Delta R.T. -0.00 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

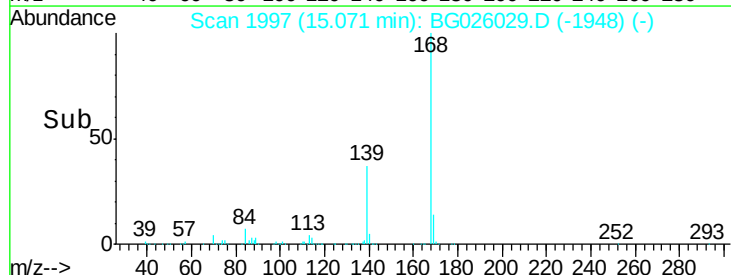
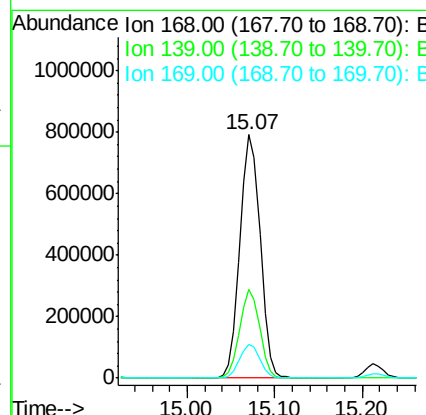
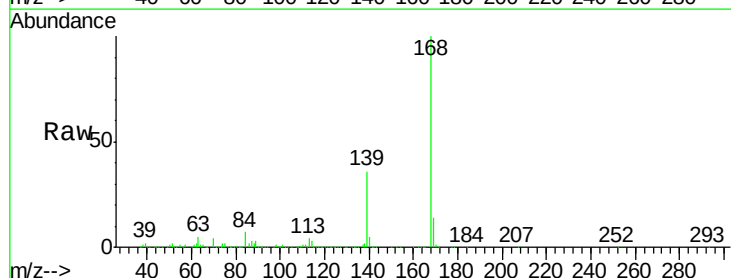
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

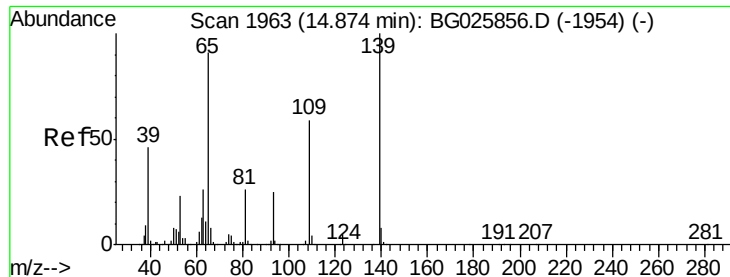
Tgt Ion:184 Resp: 229648
Ion Ratio Lower Upper
184 100
63 54.6 52.7 79.1
154 56.4 57.3 85.9#



#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

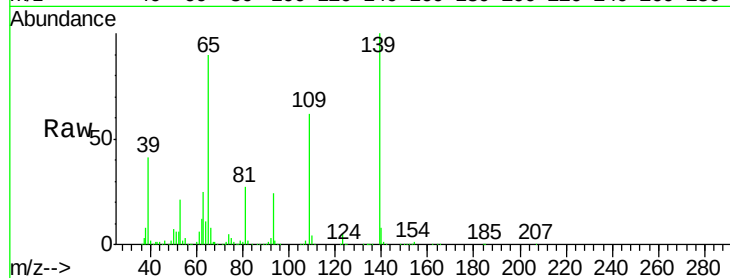
Tgt Ion:139 Resp: 375212

Ion Ratio Lower Upper

139 100

109 61.9 101.2 141.2#

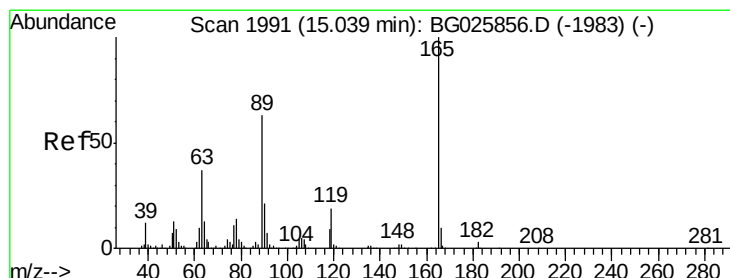
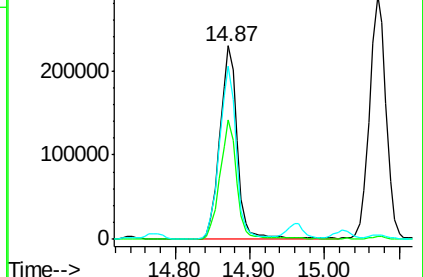
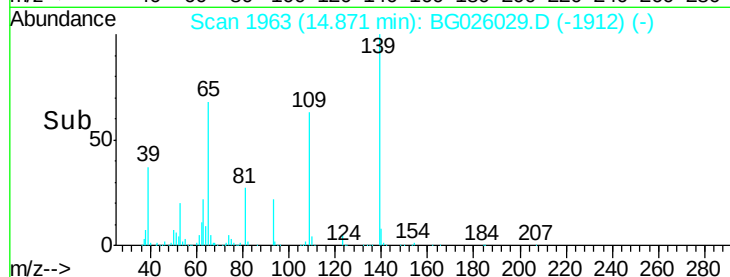
65 89.6 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#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

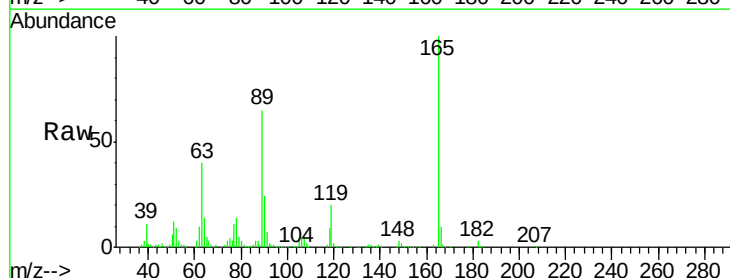
Ion Ratio Lower Upper

165 100

63 39.8 44.0 66.0#

89 65.1 67.3 100.9#

182 3.1 3.8 5.6#

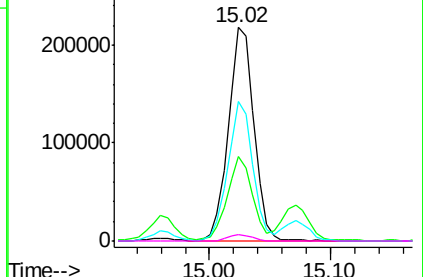
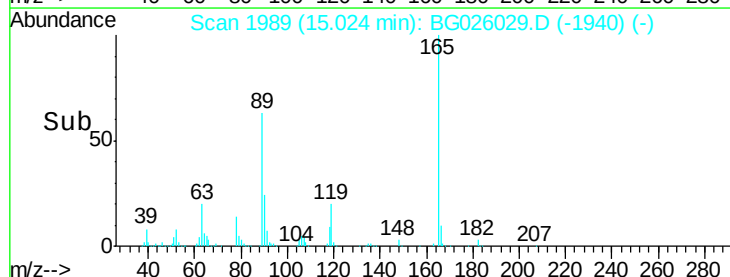


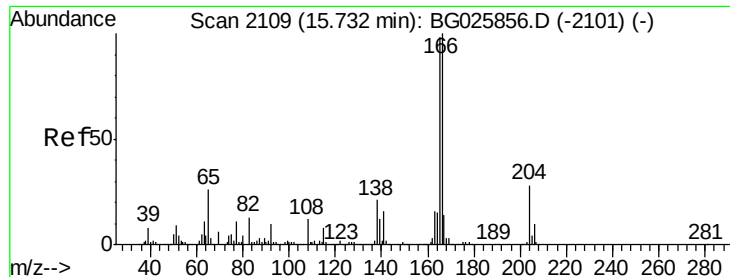
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#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

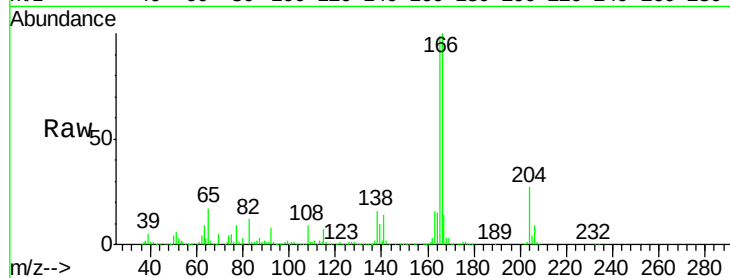
Tgt Ion:166 Resp: 1029137

Ion Ratio Lower Upper

166 100

165 98.5 78.6 117.8

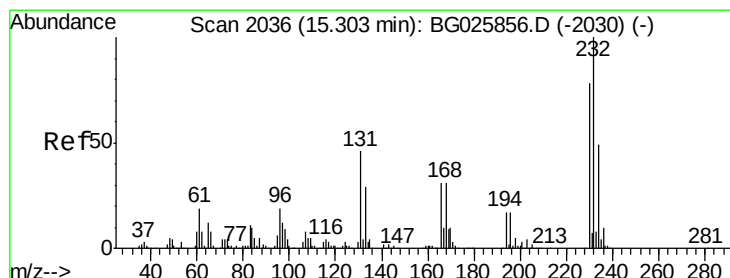
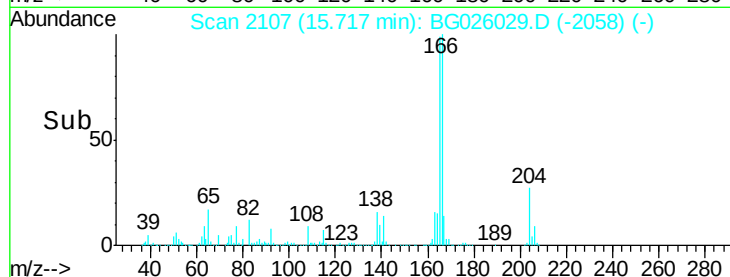
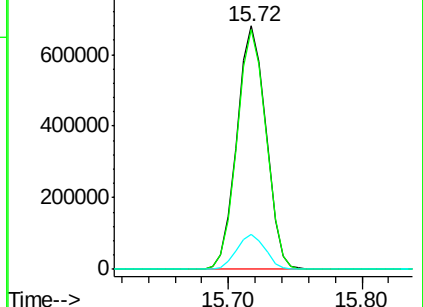
167 14.2 11.6 17.4



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

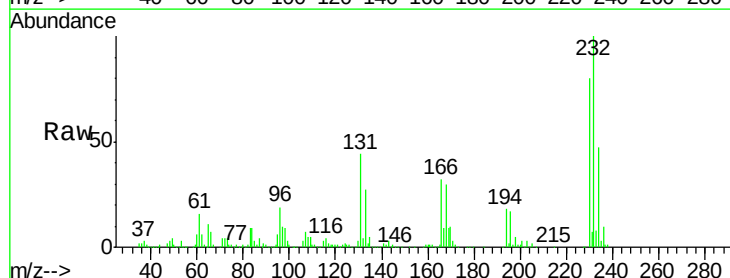
Ion Ratio Lower Upper

232 100

131 45.2 34.9 52.3

130 2.6 2.3 3.5

166 31.1 24.2 36.4

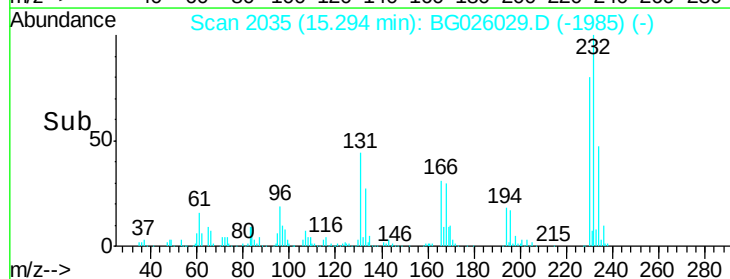
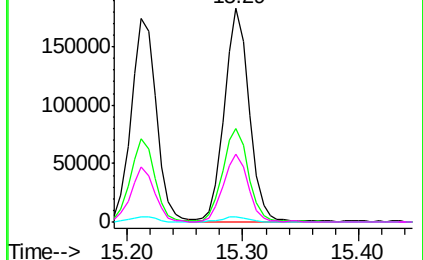


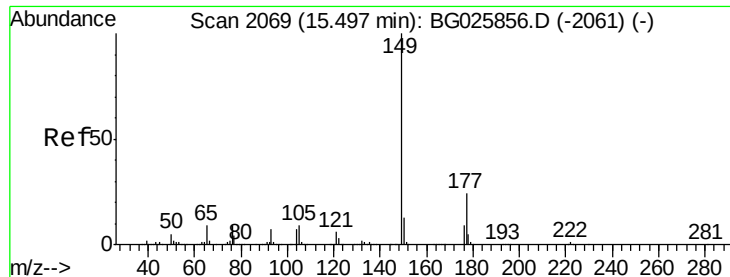
Abundance Ion 232.00 (231.70 to 232.70): E

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

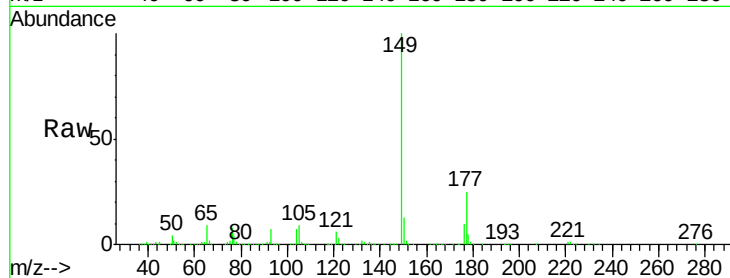
Tgt Ion:149 Resp: 1065594

Ion Ratio Lower Upper

149 100

177 24.5 20.1 30.1

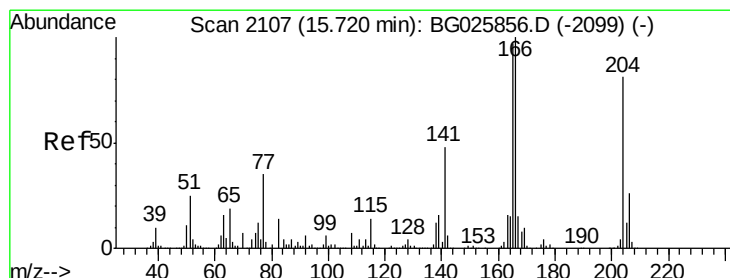
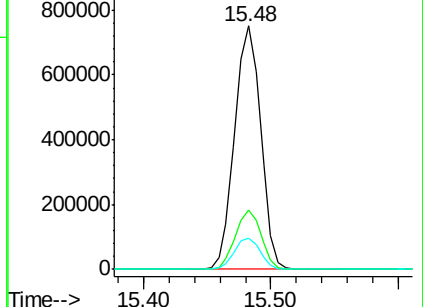
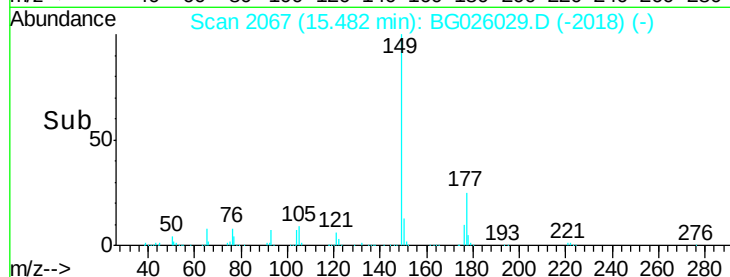
150 13.0 10.2 15.2



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

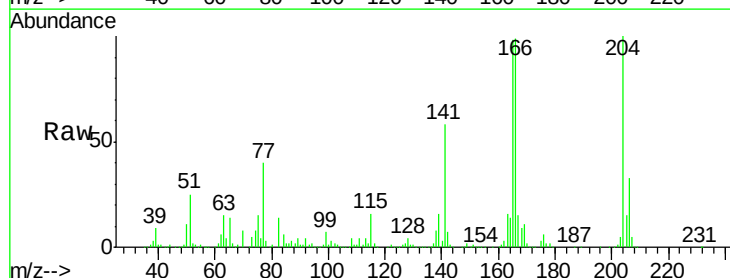
Tgt Ion:204 Resp: 488541

Ion Ratio Lower Upper

204 100

206 33.3 30.1 45.1

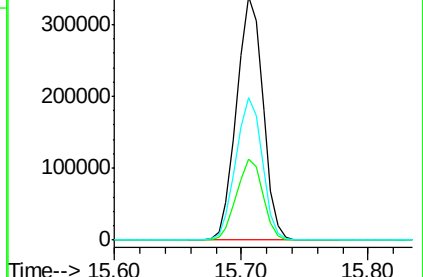
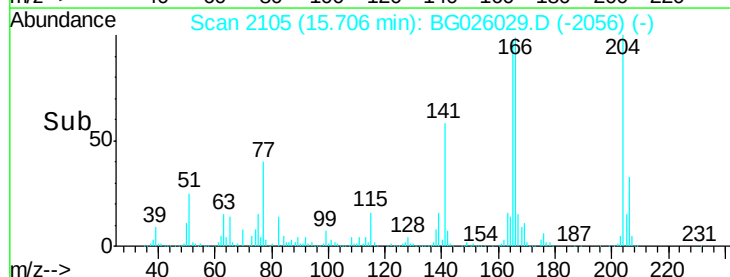
141 58.4 50.6 76.0

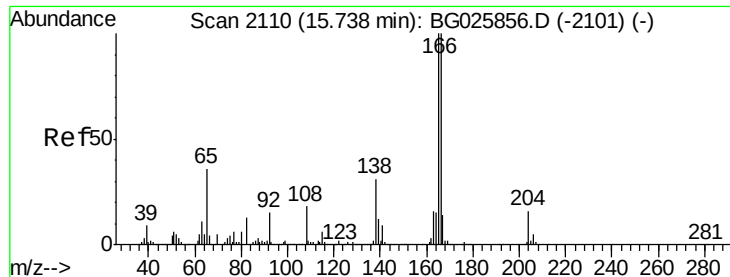


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

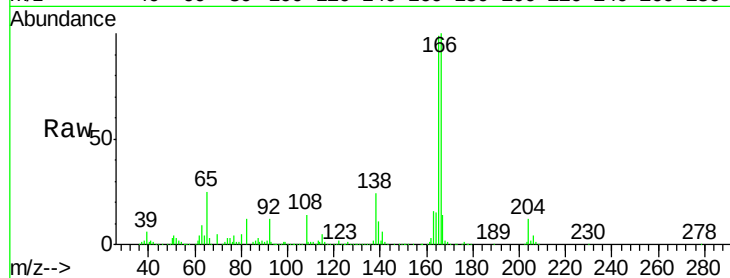




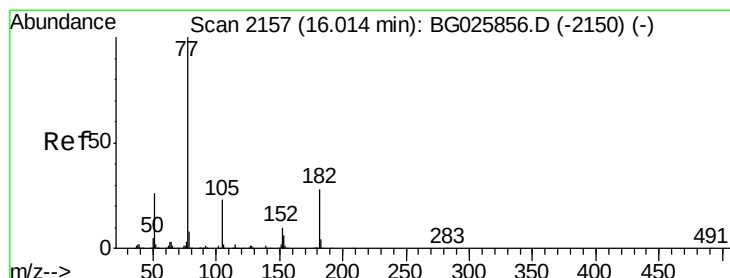
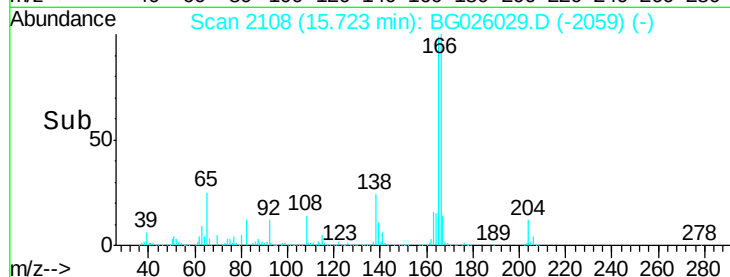
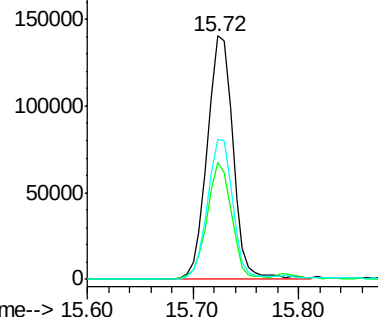
#61
4-Nitroaniline
Concen: 41.58 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Instrument :
BNA_G
ClientSampleId :
PB97261BSD

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

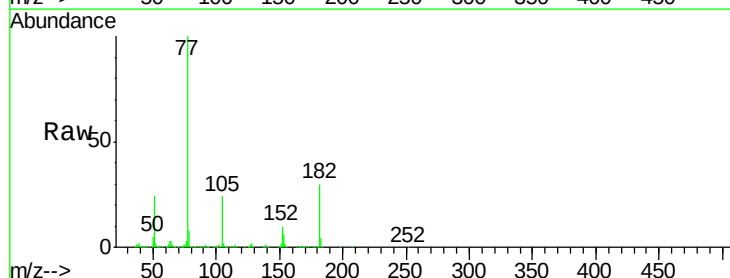


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

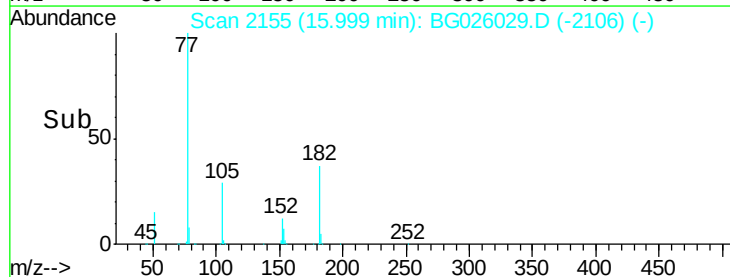
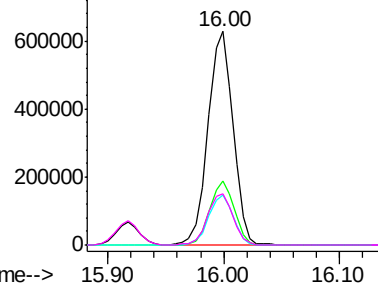


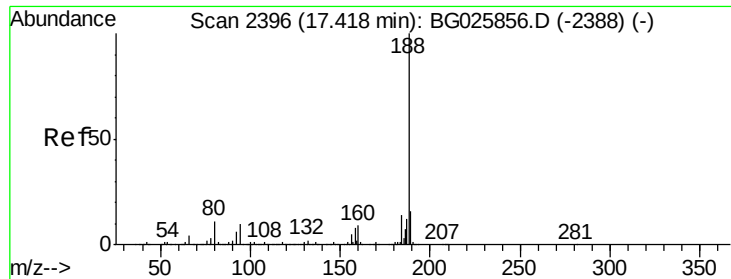
#62
Azobenzene
Concen: 47.91 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

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



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

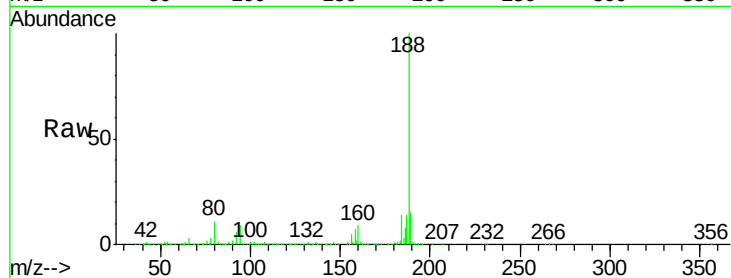




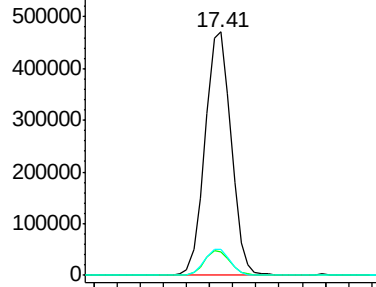
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.41 min Scan# 2395
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Instrument :
BNA_G
ClientSampleId :
PB97261BSD

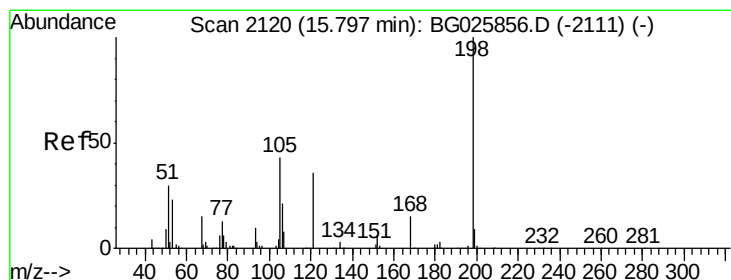
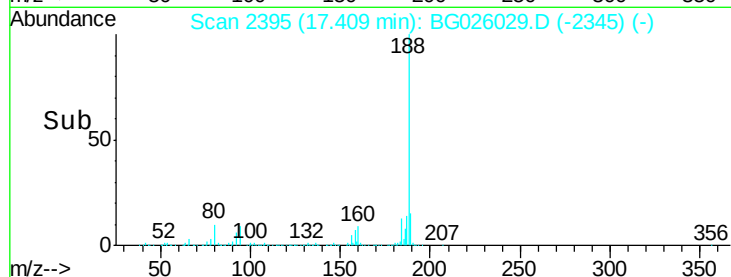
Tgt Ion:188 Resp: 738930
Ion Ratio Lower Upper
188 100
94 9.4 5.8 8.8#
80 10.5 7.5 11.3



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

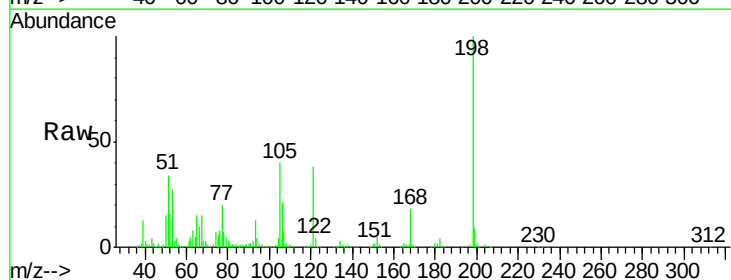


Time--> 17.30 17.40 17.50

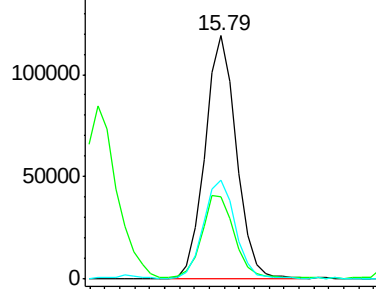


#64
4,6-Dinitro-2-methylphenol
Concen: 40.43 ng
RT: 15.79 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

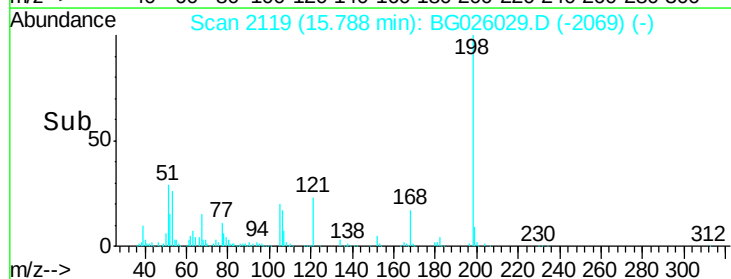
Tgt Ion:198 Resp: 174839
Ion Ratio Lower Upper
198 100
51 34.1 22.6 62.6
105 40.5 14.4 54.4

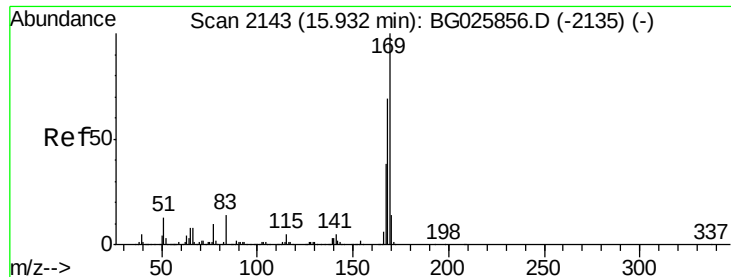


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E



Time--> 15.70 15.75 15.80 15.85

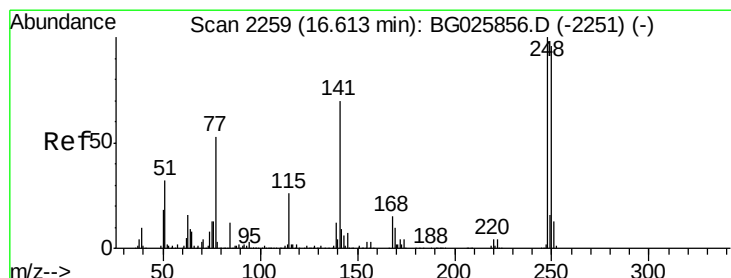
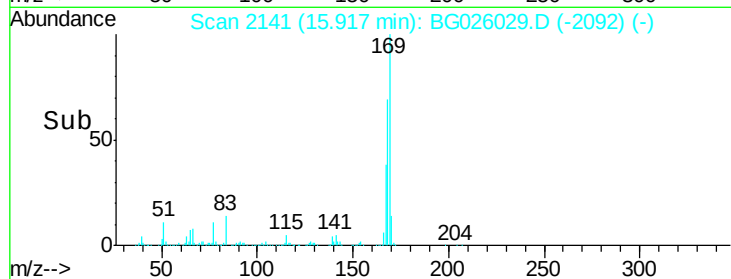
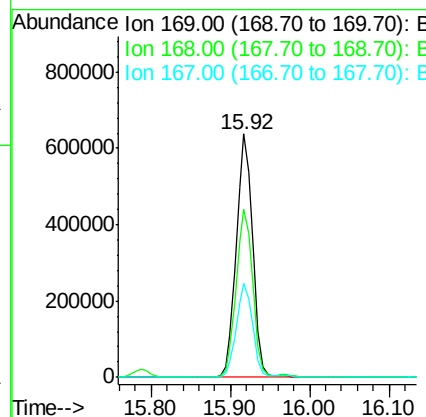
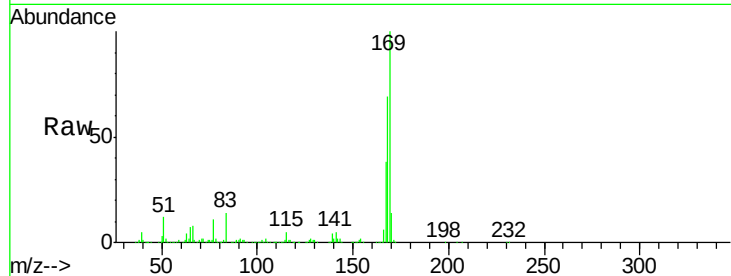




#65
 n-Nitrosodiphenylamine
 Concen: 40.72 ng
 RT: 15.92 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

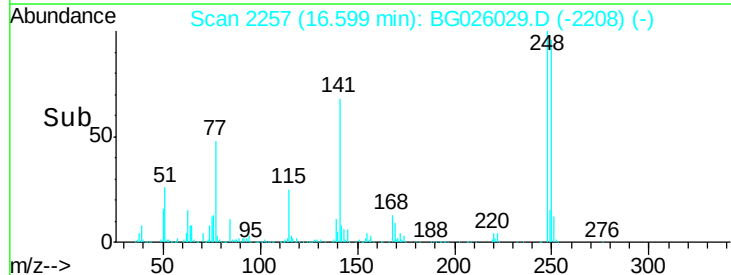
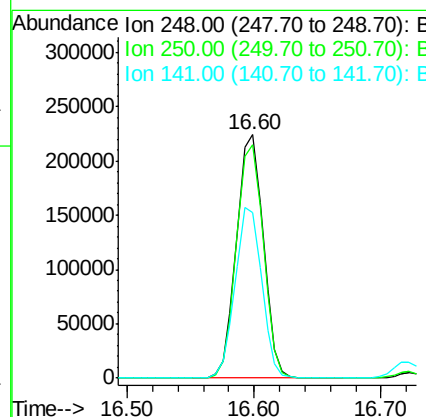
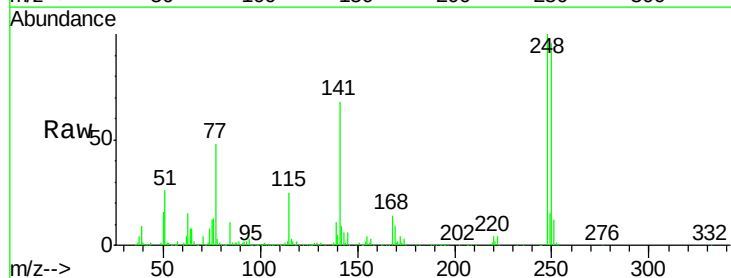
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

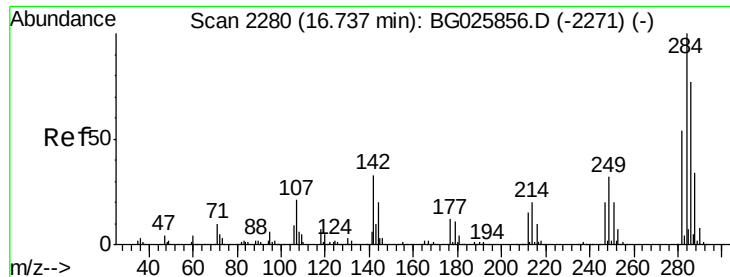
Tgt Ion:169 Resp: 912533
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.7 83.5
 167 38.3 29.8 44.6



#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:248 Resp: 327876
 Ion Ratio Lower Upper
 248 100
 250 95.9 75.0 112.6
 141 67.8 55.2 82.8

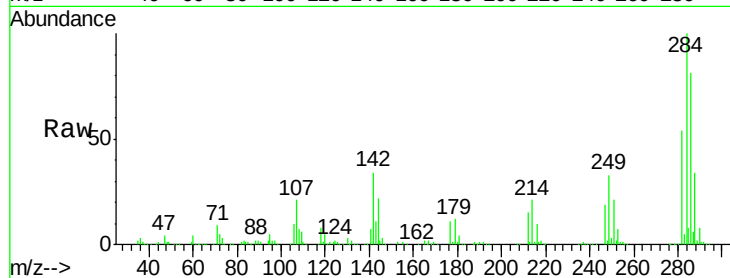




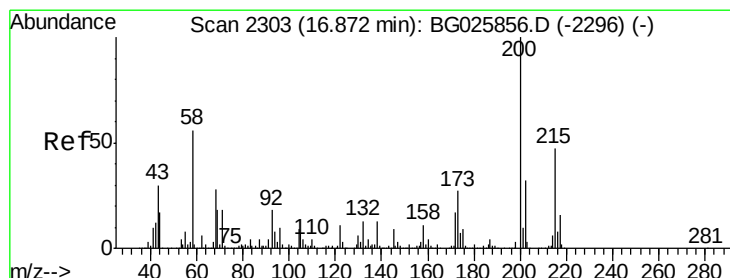
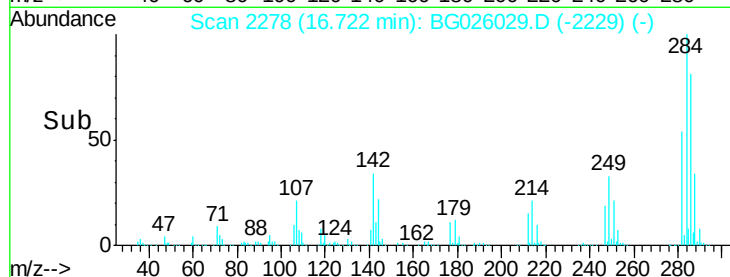
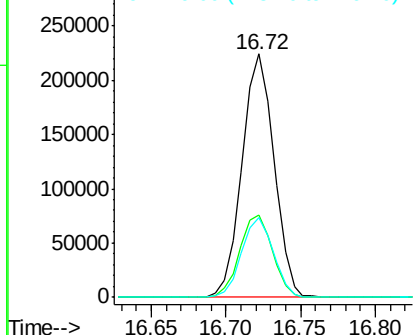
#67
Hexachlorobenzene
Concen: 41.71 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

Instrument :
BNA_G
ClientSampleId :
PB97261BSD

Tgt Ion:284 Resp: 332944
Ion Ratio Lower Upper
284 100
142 33.6 29.9 44.9
249 32.7 29.2 43.8

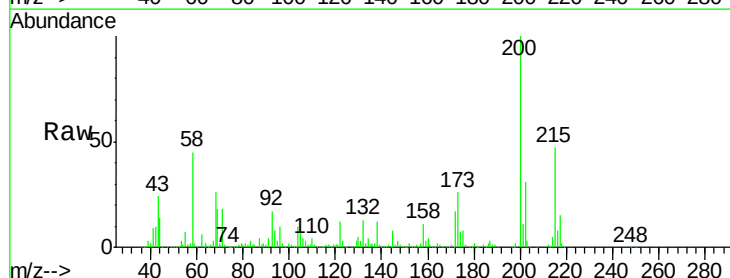


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

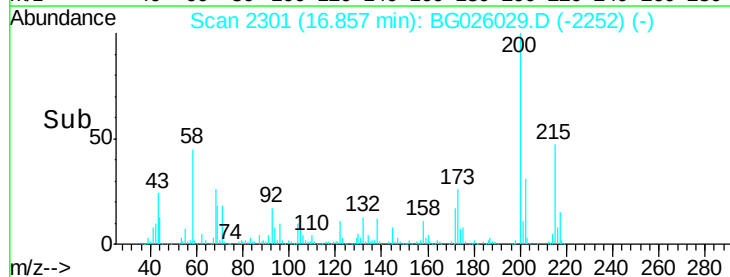
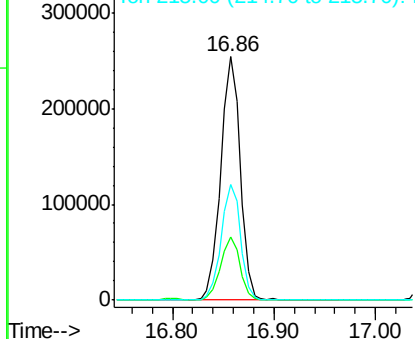


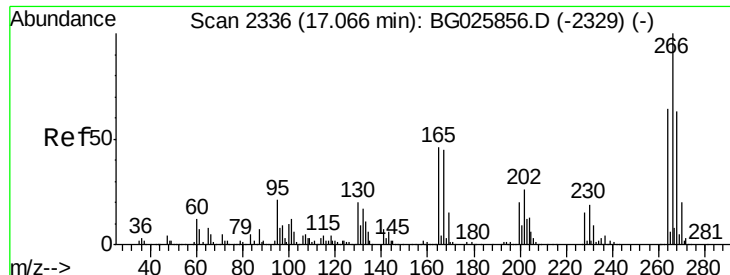
#68
Atrazine
Concen: 42.85 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

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



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

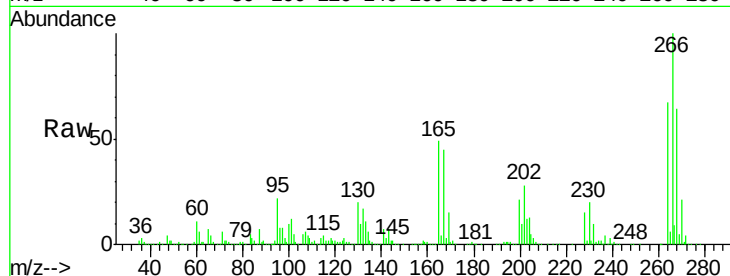
Tgt Ion:266 Resp: 414866

Ion Ratio Lower Upper

266 100

268 63.5 48.6 72.8

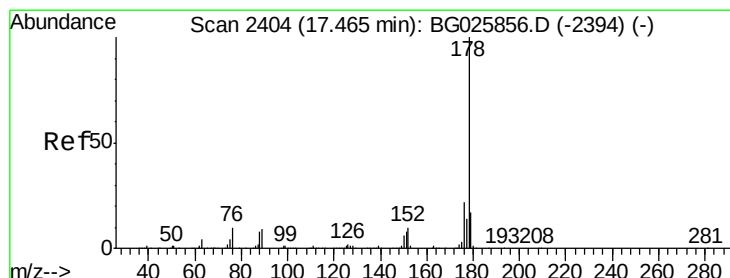
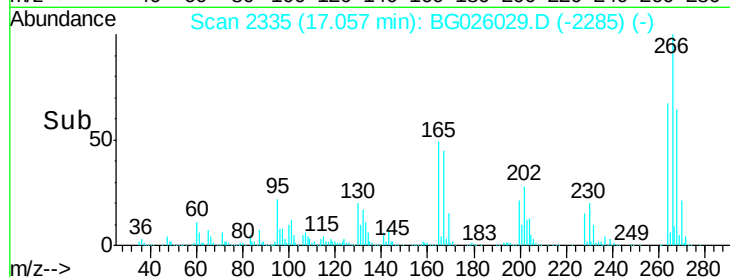
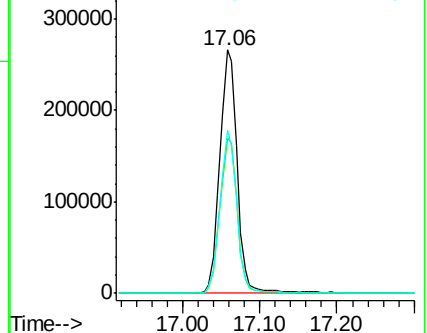
264 66.8 50.1 75.1



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

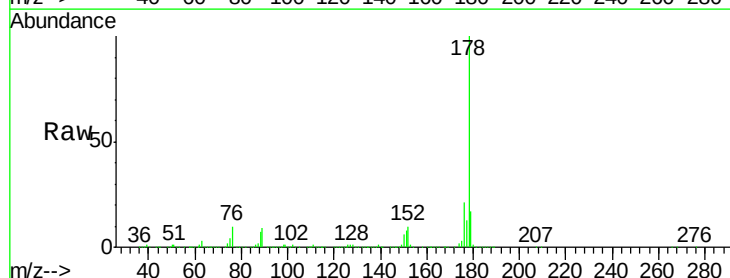
Tgt Ion:178 Resp: 1597356

Ion Ratio Lower Upper

178 100

176 21.2 17.7 26.5

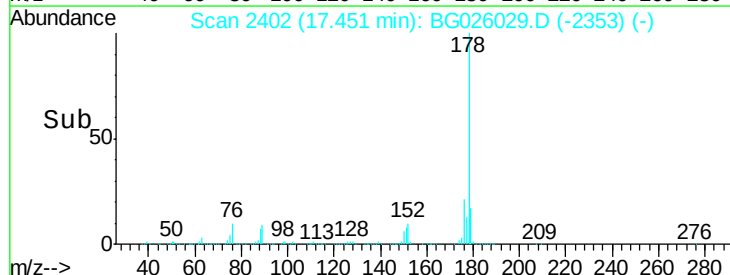
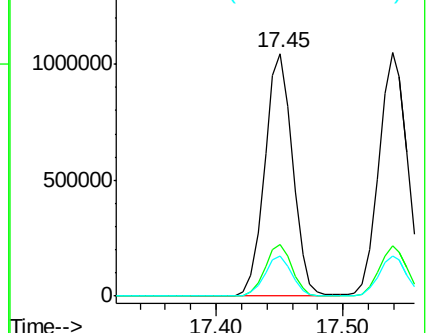
179 16.6 15.0 22.6

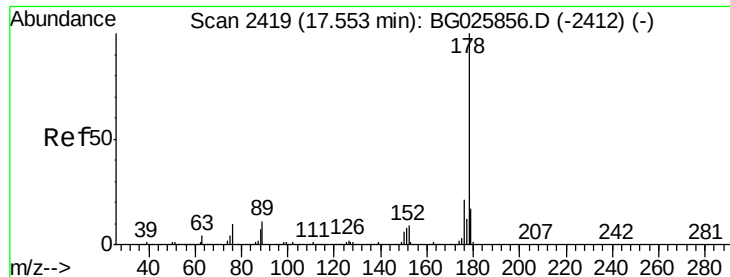


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

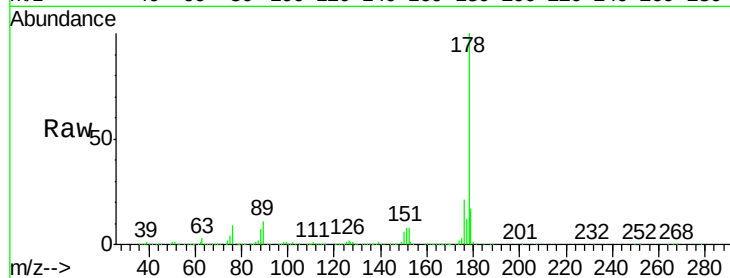




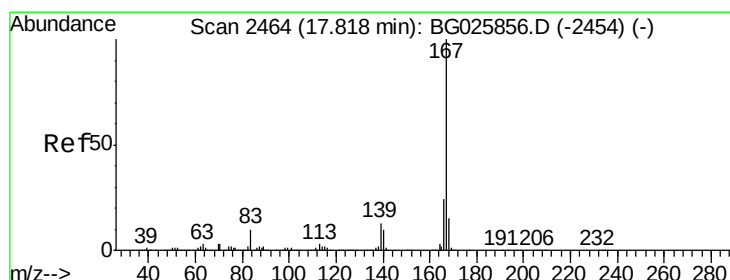
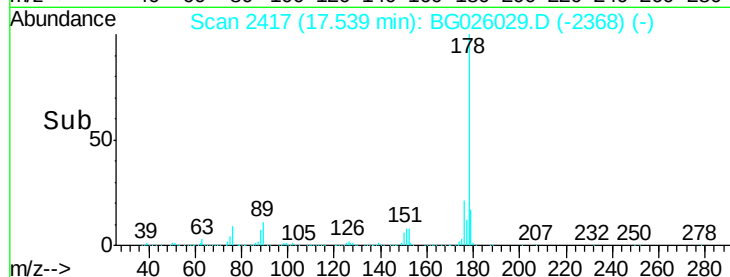
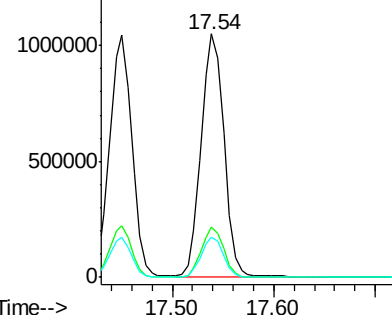
#71
 Anthracene
 Concen: 40.24 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

Tgt Ion:178 Resp: 1645577
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.4 24.6
 179 16.6 13.8 20.8

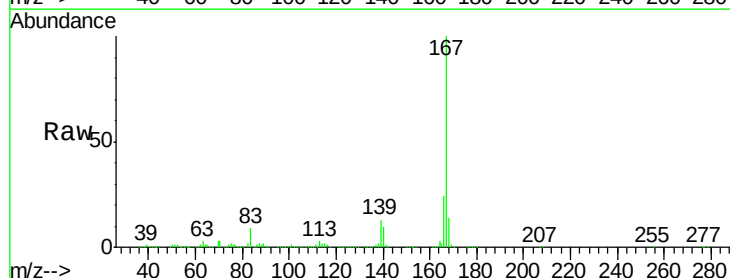


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

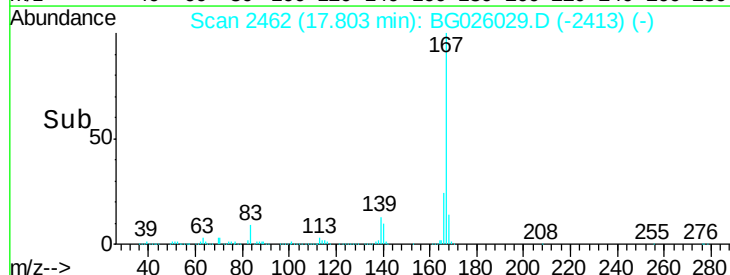
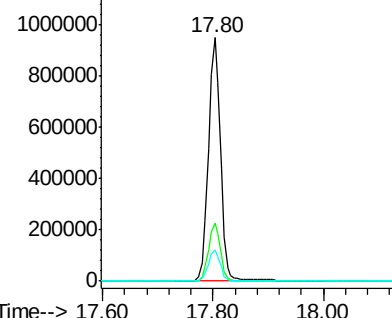


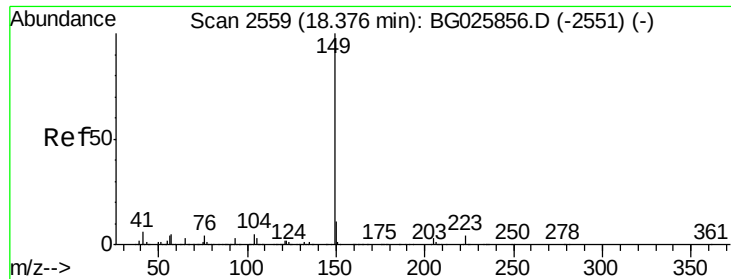
#72
 Carbazole
 Concen: 35.98 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

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#



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 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

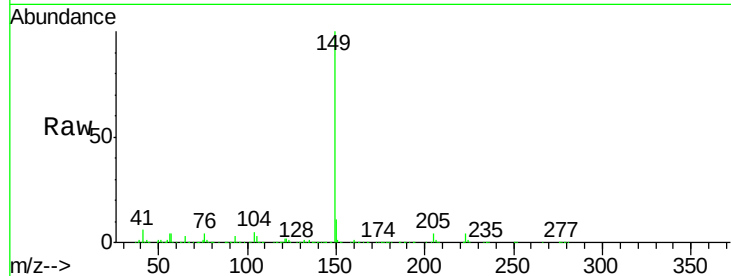
Tgt Ion:149 Resp: 1834411

Ion Ratio Lower Upper

149 100

150 10.7 9.1 13.7

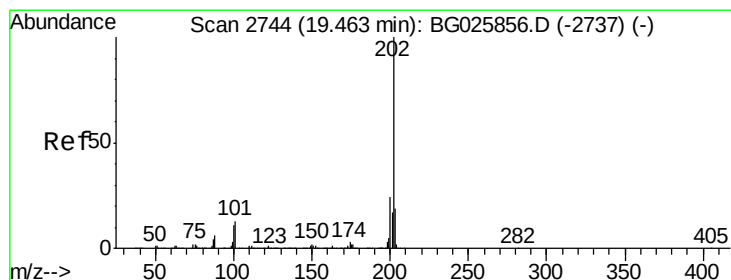
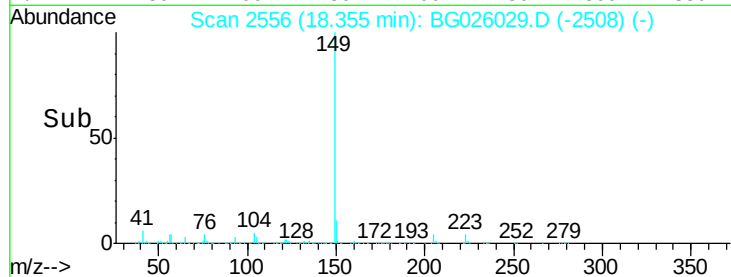
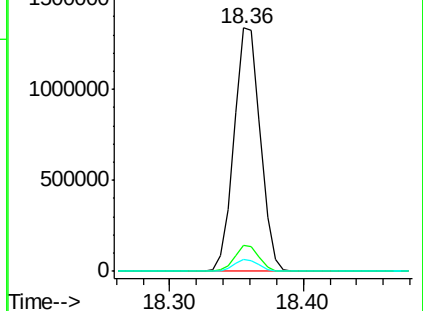
104 5.0 6.7 10.1#



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

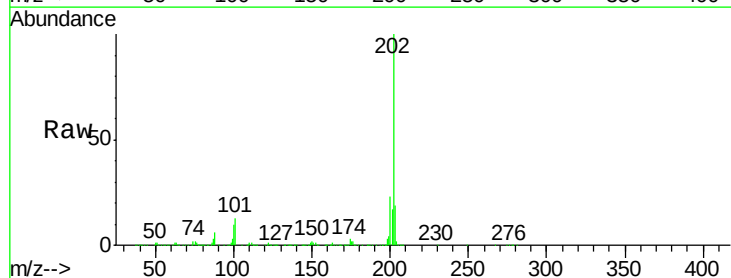
Tgt Ion:202 Resp: 1758751

Ion Ratio Lower Upper

202 100

101 12.8 0.0 30.1

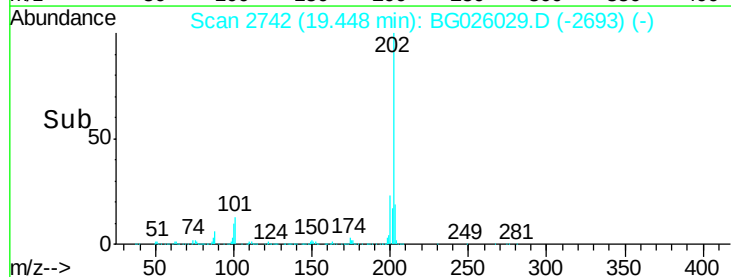
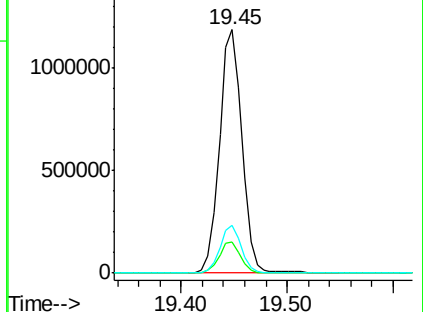
203 19.4 1.3 41.3

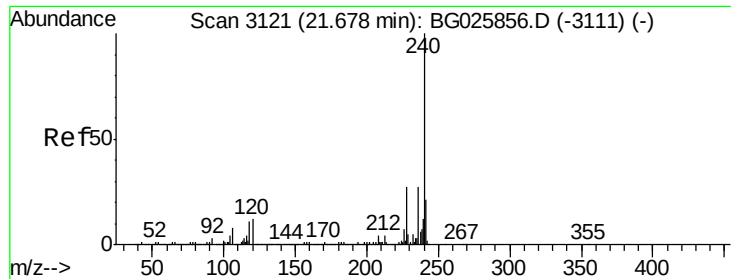


Abundance Ion 202.00 (201.70 to 202.70): E

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

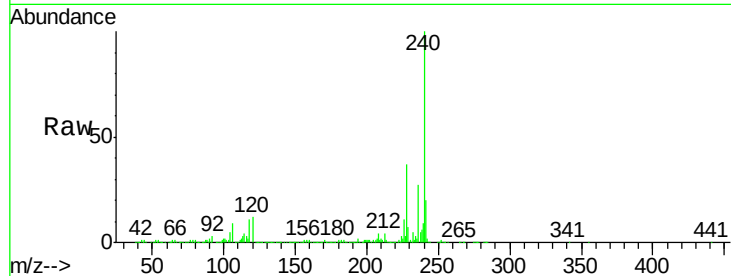
Tgt Ion:240 Resp: 681877

Ion Ratio Lower Upper

240 100

120 11.8 5.7 8.5#

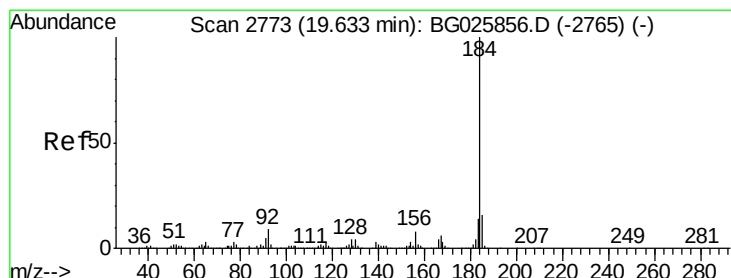
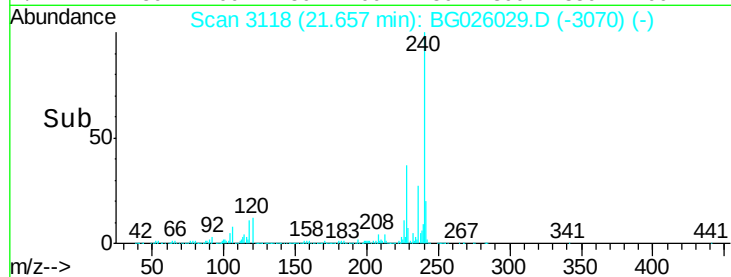
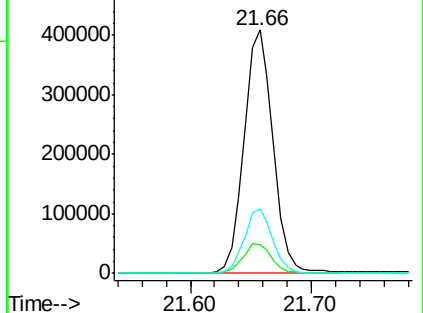
236 26.6 22.2 33.4



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

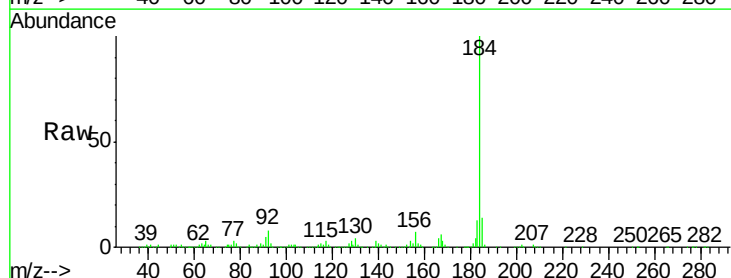
Tgt Ion:184 Resp: 362007

Ion Ratio Lower Upper

184 100

185 14.4 13.0 19.6

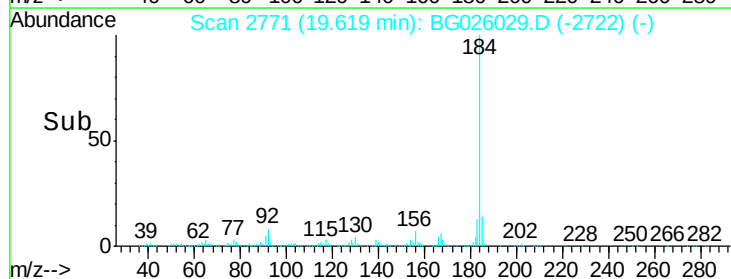
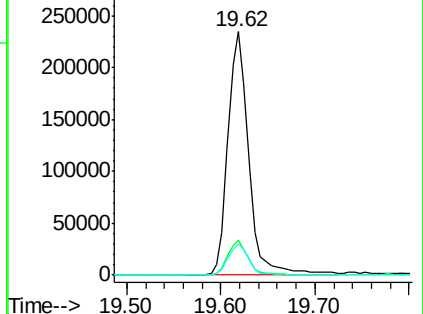
183 12.7 11.0 16.6

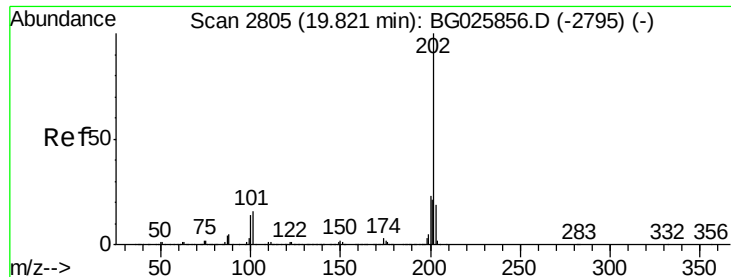


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

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

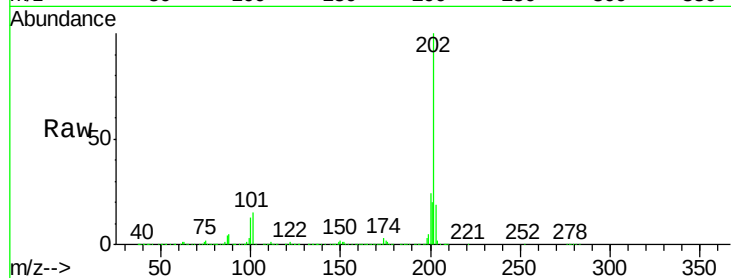
Tgt Ion:202 Resp: 1772228

Ion Ratio Lower Upper

202 100

200 23.7 19.6 29.4

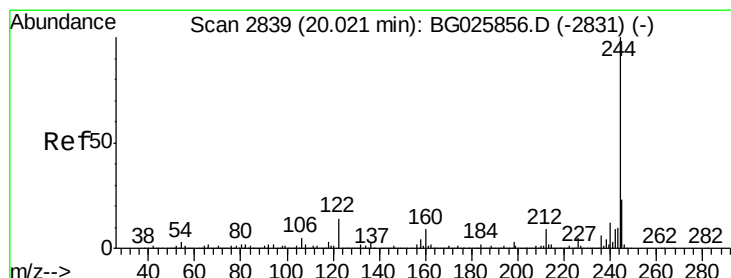
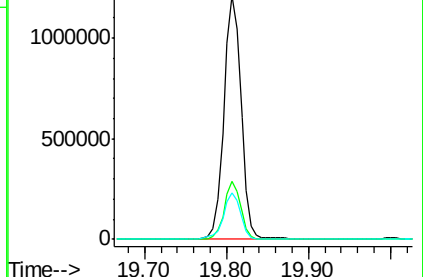
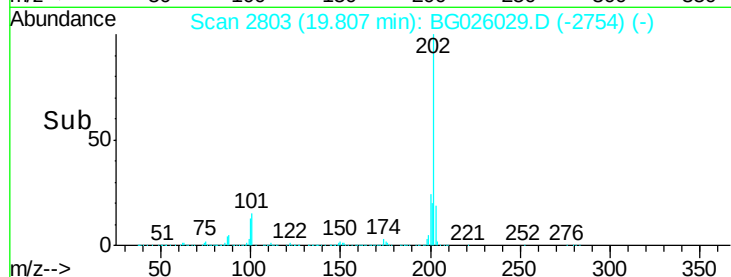
203 19.2 15.8 23.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 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

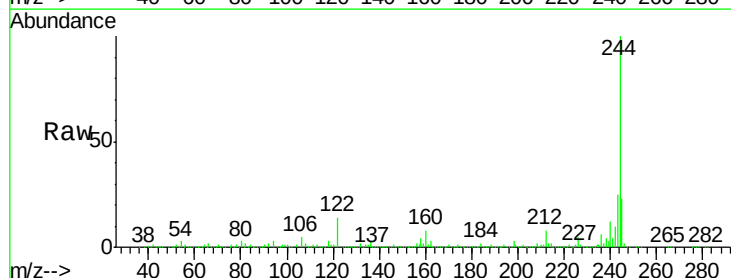
Tgt Ion:244 Resp: 2284199

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

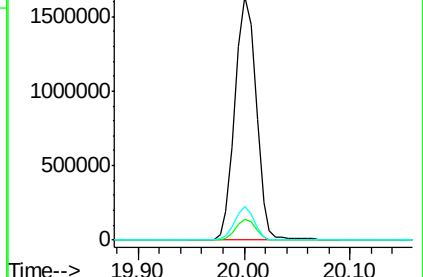
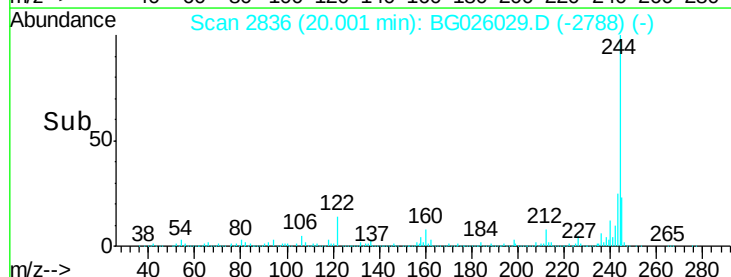
122 13.6 8.6 12.8#

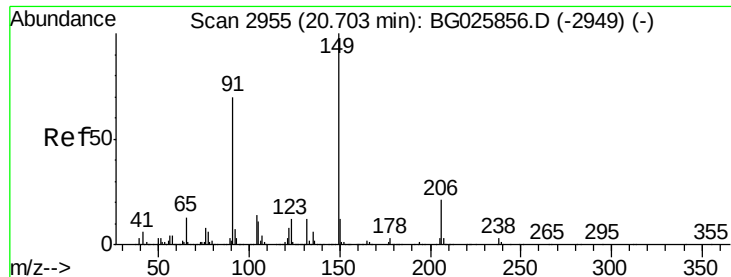


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

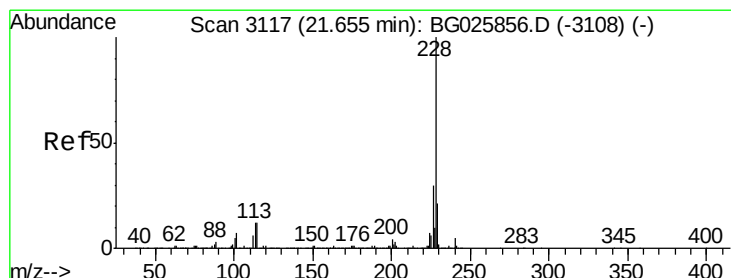
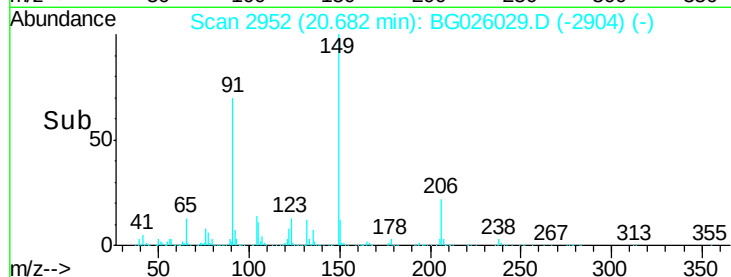
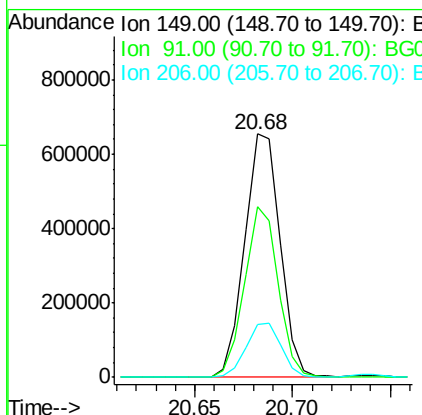
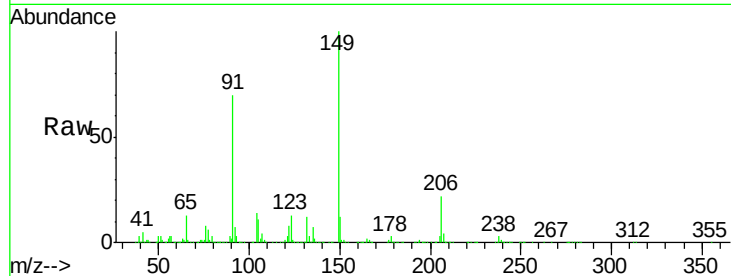




#79
Butylbenzylphthalate
Concen: 50.37 ng
RT: 20.68 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

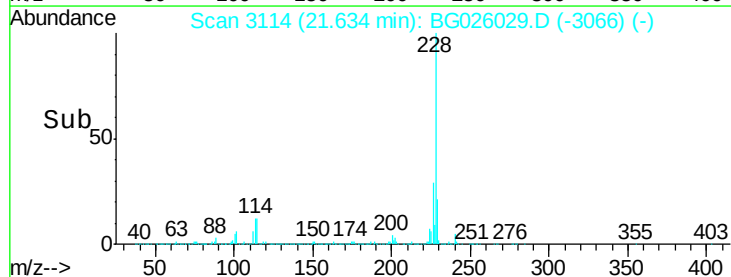
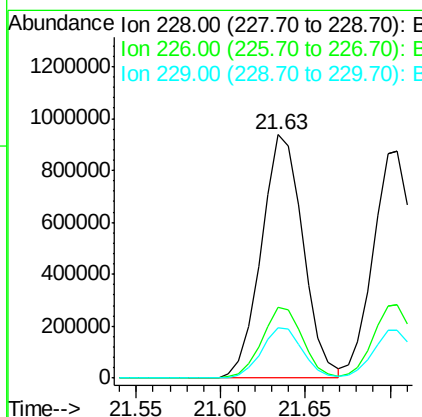
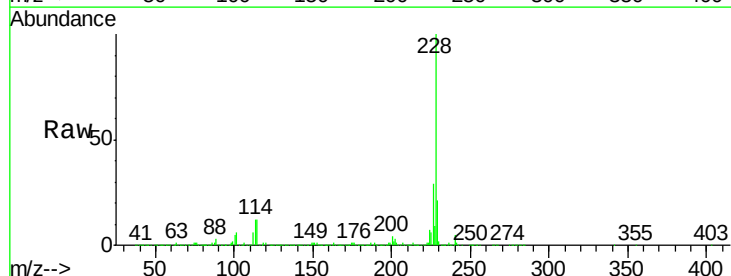
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

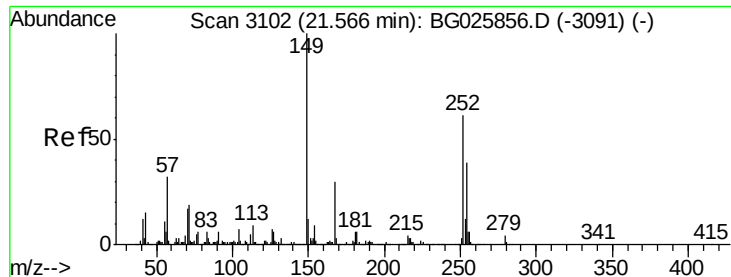
Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.0	63.5	95.3
206	21.6	21.0	31.6



#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	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	20.7	18.2	27.2

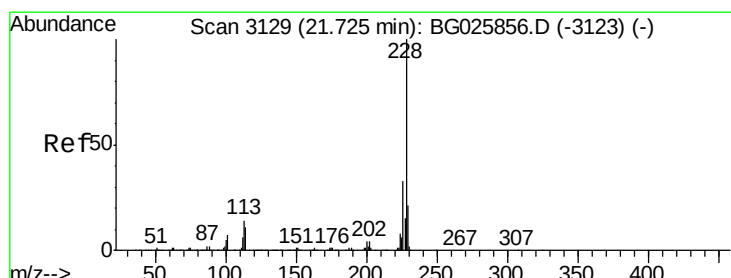
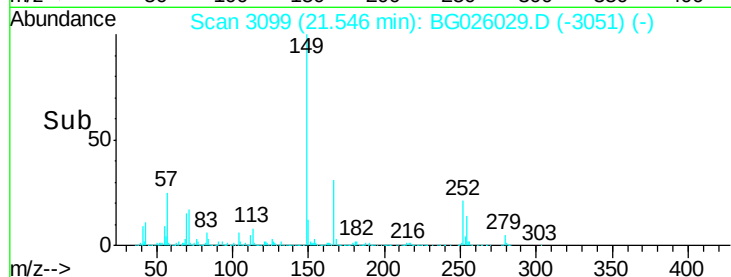
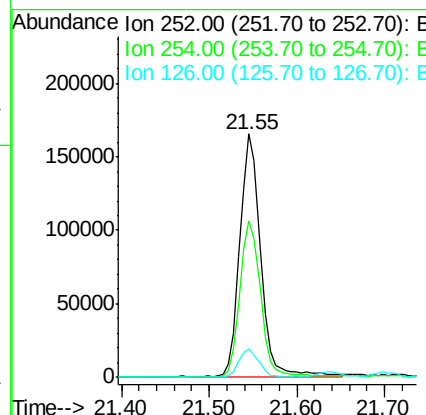
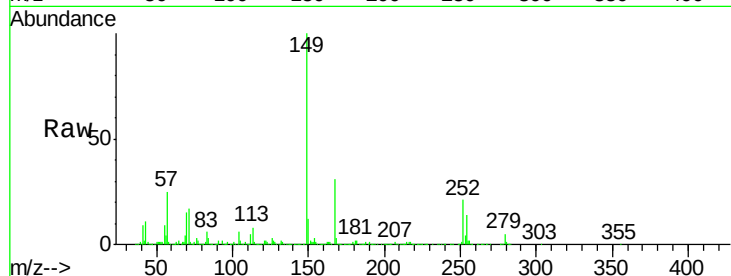




#81
 3,3'-Dichlorobenzidine
 Concen: 18.64 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

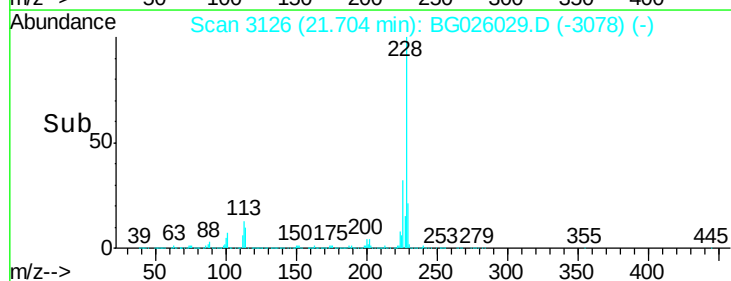
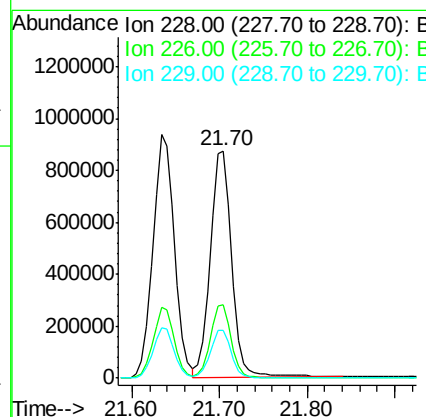
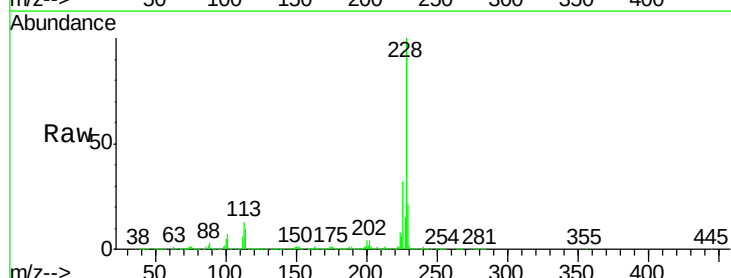
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

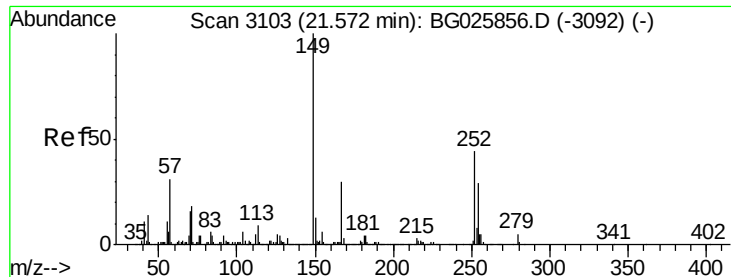
Tgt Ion:252 Resp: 264537
 Ion Ratio Lower Upper
 252 100
 254 64.2 53.1 79.7
 126 11.9 7.0 10.4#



#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

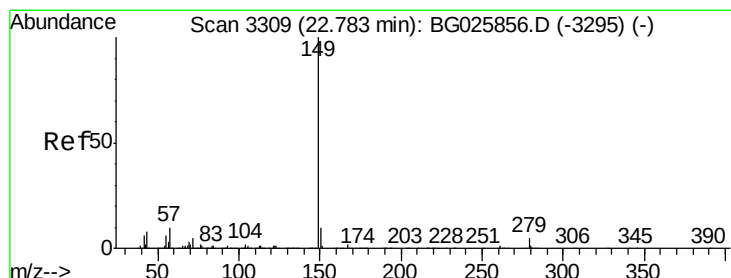
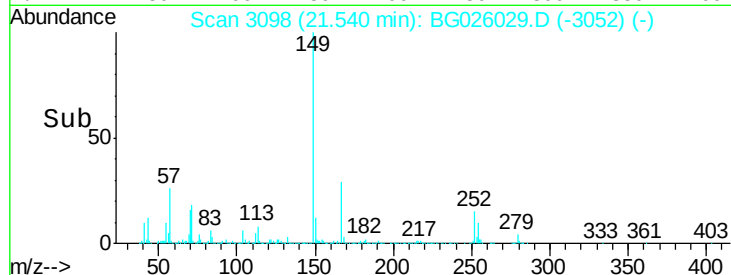
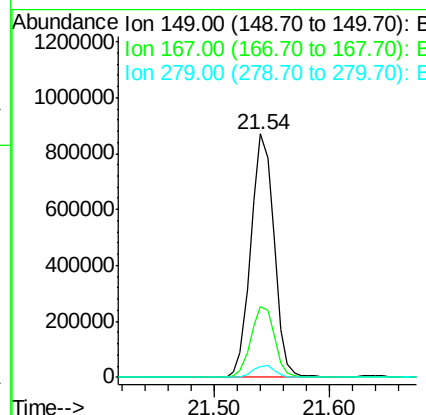
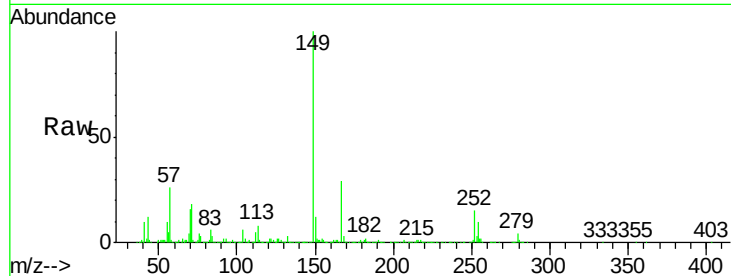




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.56 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026029.D
 Acq: 2 Mar 2017 14:40

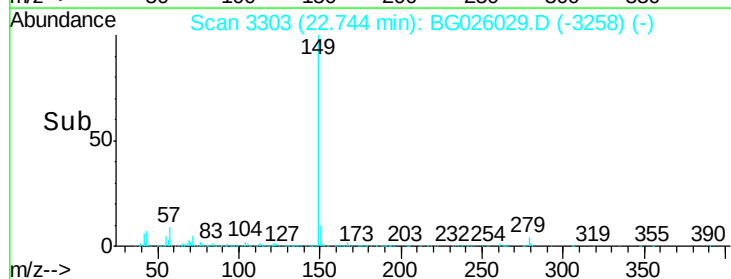
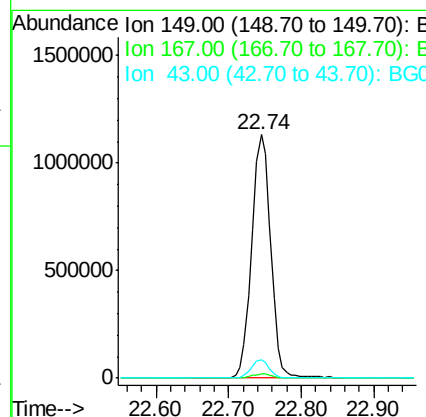
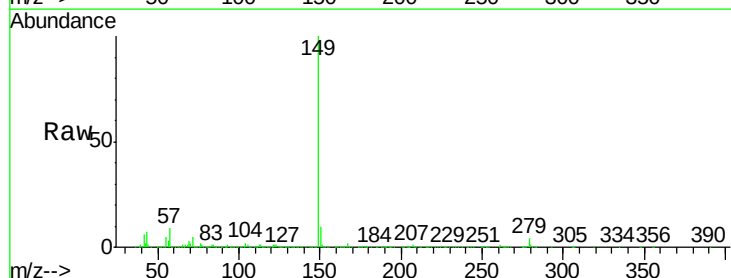
Instrument :
 BNA_G
 ClientSampleId :
 PB97261BSD

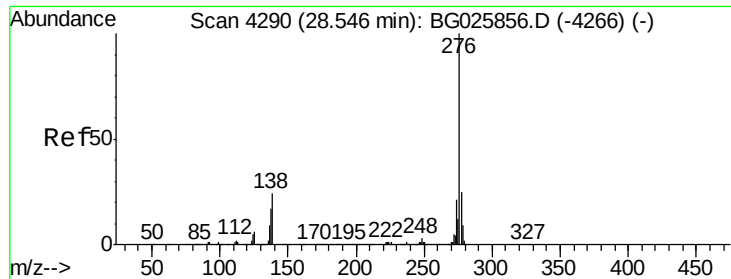
Tgt Ion:149 Resp: 1218413
 Ion Ratio Lower Upper
 149 100
 167 29.2 23.7 35.5
 279 4.4 4.6 6.8#



#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#





#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

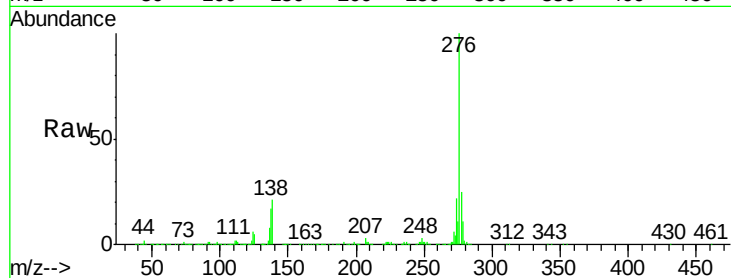
Tgt Ion:276 Resp: 1613392

Ion Ratio Lower Upper

276 100

138 27.5 4.7 7.1#

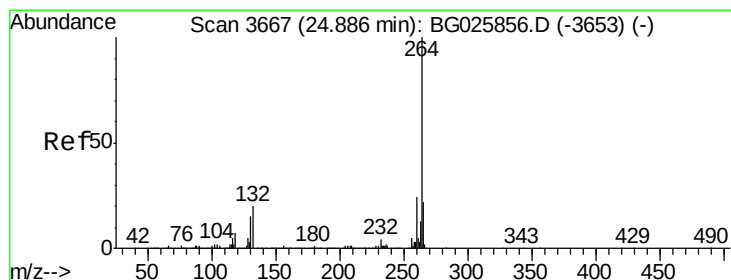
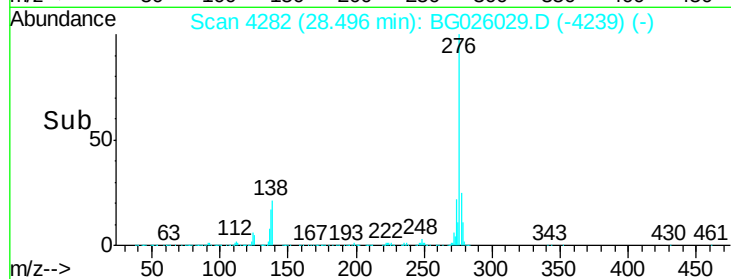
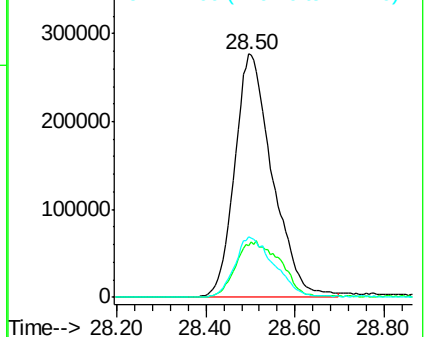
277 26.0 20.6 31.0



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

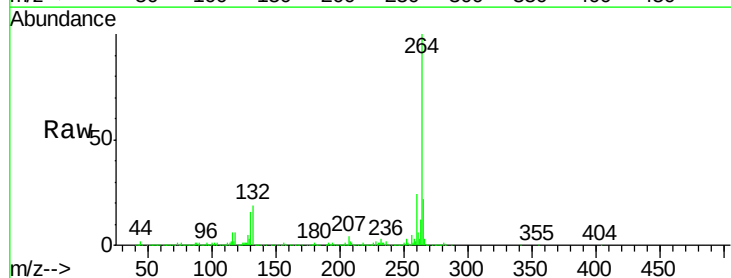
Tgt Ion:264 Resp: 644513

Ion Ratio Lower Upper

264 100

260 24.1 21.8 32.8

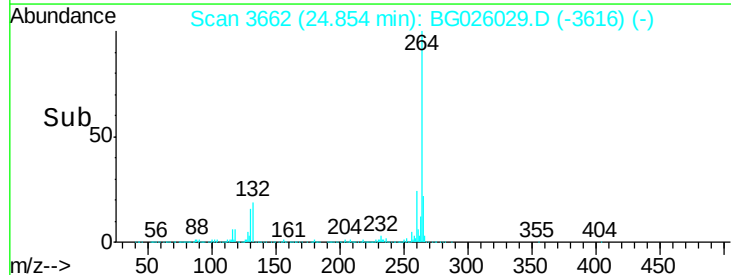
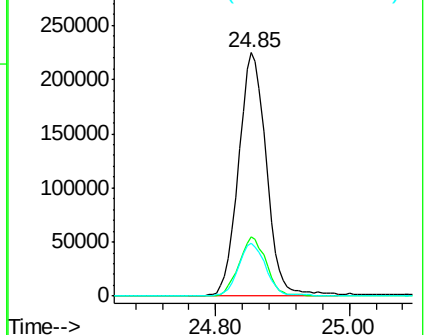
265 21.9 18.2 27.4

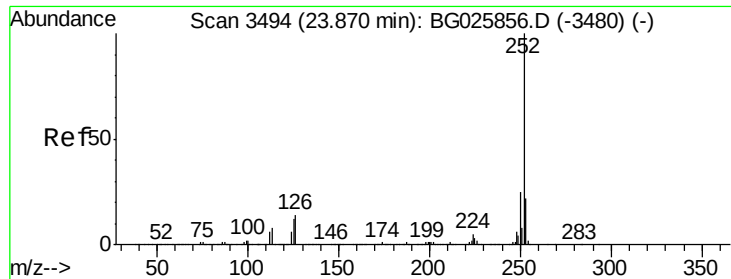


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

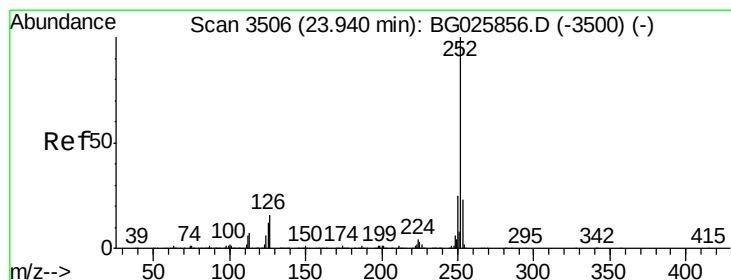
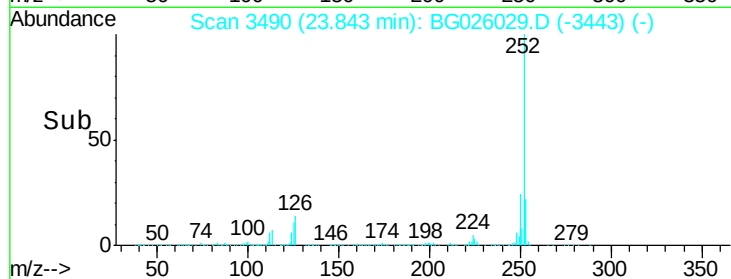
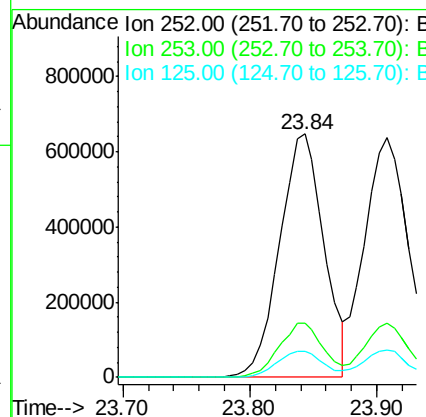
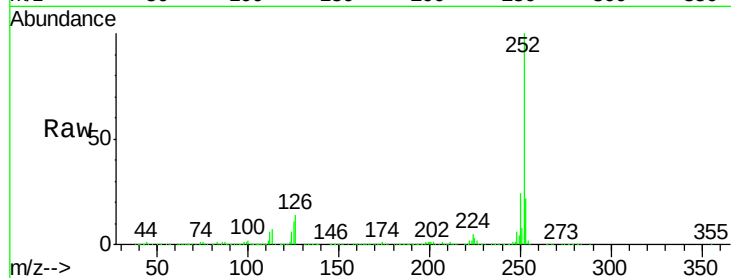




#87
Benzo(b)fluoranthene
Concen: 40.65 ng
RT: 23.84 min Scan# 3490
Delta R.T. -0.03 min
Lab File: BG026029.D
Acq: 2 Mar 2017 14:40

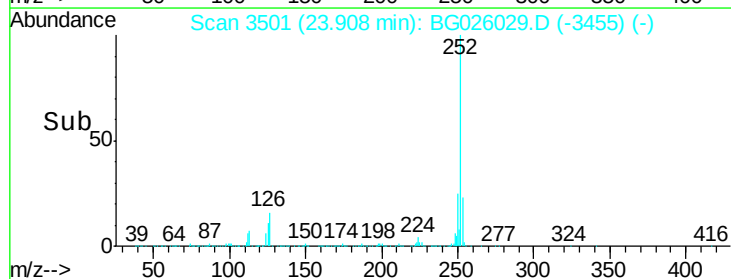
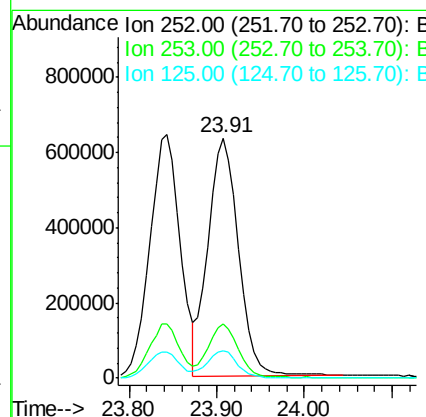
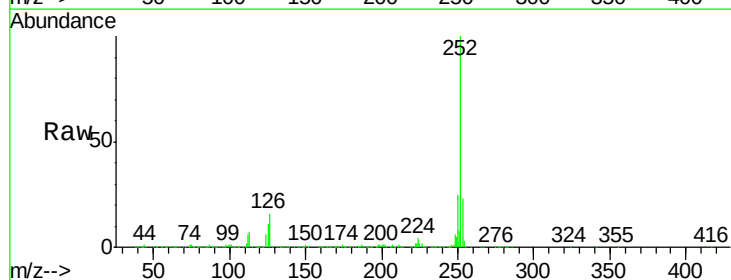
Instrument :
BNA_G
ClientSampleId :
PB97261BSD

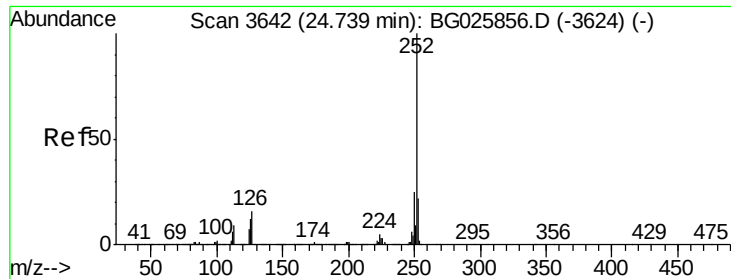
Tgt Ion:252 Resp: 1569132
Ion Ratio Lower Upper
252 100
253 22.4 18.7 28.1
125 10.8 5.3 7.9#



#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#





#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

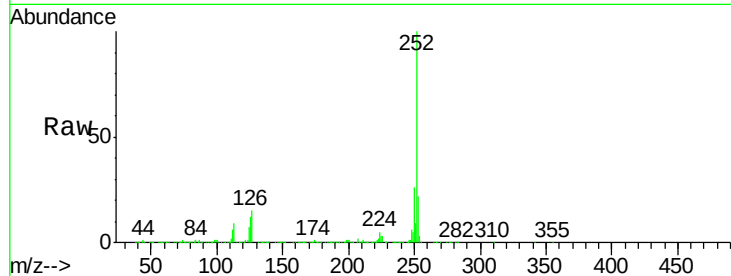
Tgt Ion:252 Resp: 1479684

Ion Ratio Lower Upper

252 100

253 22.2 19.2 28.8

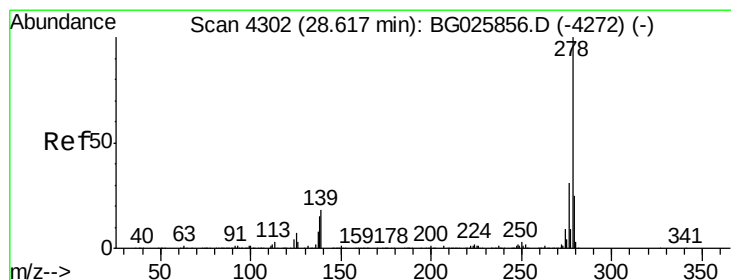
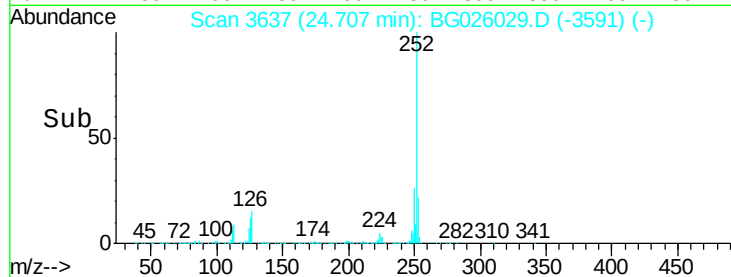
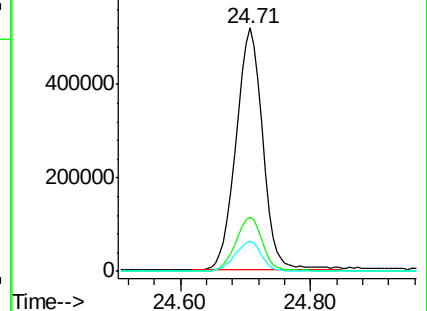
125 12.1 5.4 8.0#



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

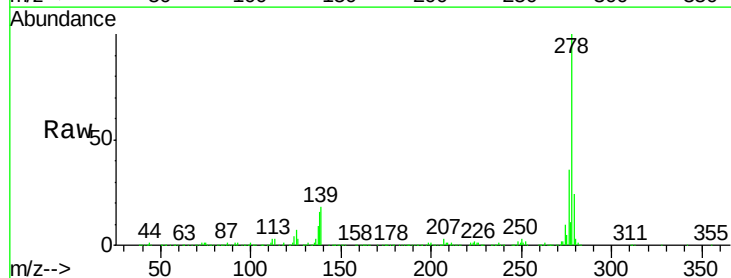
Tgt Ion:278 Resp: 1286668

Ion Ratio Lower Upper

278 100

139 17.8 7.7 11.5#

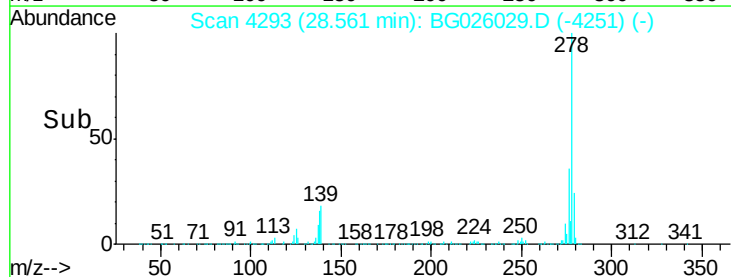
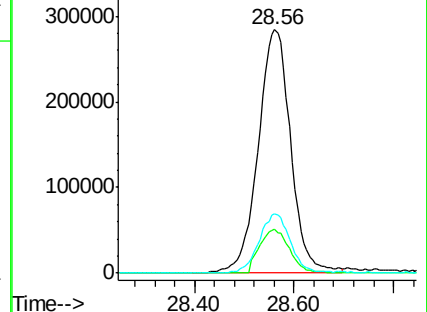
279 24.2 19.1 28.7

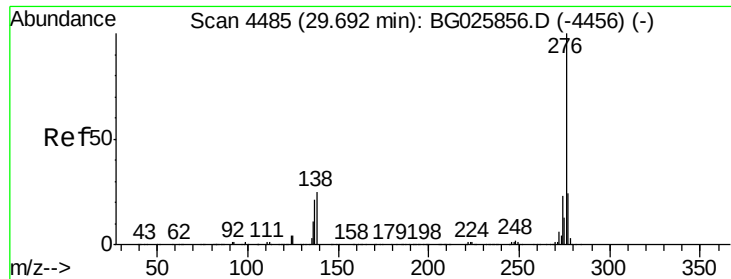


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 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

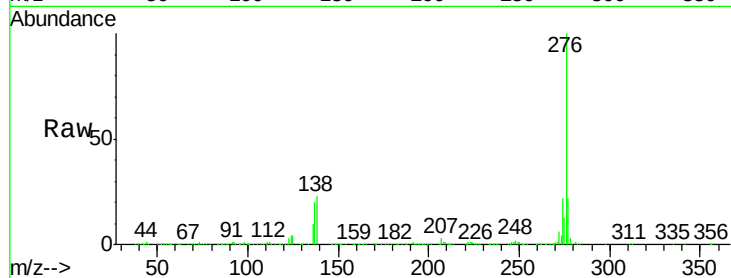
Tgt Ion:276 Resp: 1386607

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

