

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030217\
 Data File : BG026022.D
 Acq On : 2 Mar 2017 10:02
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Quant Time: Mar 02 14:57:52 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	121693	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	522718	20.00	ng	-0.01
38) Acenaphthene-d10	14.68	164	300443	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	680382	20.00	ng	0.00
75) Chrysene-d12	21.66	240	682904	20.00	ng	-0.02
86) Perylene-d12	24.85	264	642056	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	556809	79.66	ng	-0.01
7) Phenol-d6	7.23	99	748012	72.32	ng	0.00
23) Nitrobenzene-d5	9.23	82	650935	78.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	260474	93.84	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	1618897	94.15	ng	-0.01
78) Terphenyl-d14	20.00	244	2265110	80.67	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	127250	39.83	ng	# 79
3) Pyridine	3.94	79	355033	37.30	ng	# 70
4) n-Nitrosodimethylamine	3.84	42	112778	32.94	ng	# 23
6) Aniline	7.39	93	510696	35.51	ng	# 90
8) 2-Chlorophenol	7.64	128	317784	38.25	ng	# 83
9) Benzaldehyde	7.20	77	217787	35.53	ng	# 75
10) Phenol	7.26	94	399534	35.55	ng	# 73
11) bis(2-Chloroethyl)ether	7.49	93	333991	36.15	ng	# 86
12) 1,3-Dichlorobenzene	7.97	146	378858	39.45	ng	# 87
13) 1,4-Dichlorobenzene	7.97	146	378858	38.95	ng	# 94
14) 1,2-Dichlorobenzene	8.43	146	372155	38.97	ng	# 91
15) Benzyl Alcohol	8.30	79	261534	34.53	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.60	45	403267	30.08	ng	# 86
17) 2-Methylphenol	8.51	107	288312	35.61	ng	# 81
18) Hexachloroethane	9.16	117	128308	39.80	ng	# 91
19) n-Nitroso-di-n-propylamine	8.87	70	246522	32.63	ng	# 75
20) 3+4-Methylphenols	8.83	107	400708	34.73	ng	# 87
22) Acetophenone	8.89	105	499780	39.85	ng	# 78
24) Nitrobenzene	9.27	77	346308	38.66	ng	# 77
25) Isophorone	9.80	82	696644	38.22	ng	# 90
26) 2-Nitrophenol	9.98	139	163986	39.15	ng	# 66
27) 2,4-Dimethylphenol	10.04	122	309470	39.59	ng	# 89
28) bis(2-Chloroethoxy)methane	10.27	93	445119	38.53	ng	# 97
29) 2,4-Dichlorophenol	10.52	162	307001	41.14	ng	# 94
30) 1,2,4-Trichlorobenzene	10.74	180	349437	43.06	ng	# 97
31) Naphthalene	10.92	128	1082660	40.06	ng	# 99
32) Benzoic acid	10.15	122	191431	32.07	ng	# 72
33) 4-Chloroaniline	11.02	127	444331	37.85	ng	# 84
34) Hexachlorobutadiene	11.21	225	206589	44.74	ng	# 99
35) Caprolactam	11.78	113	117478	38.99	ng	# 66
36) 4-Chloro-3-methylphenol	12.13	107	327473	36.68	ng	# 79
37) 2-Methylnaphthalene	12.52	142	796131	38.68	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	370706	49.23	ng	# 99
40) Hexachlorocyclopentadiene	12.87	237	188748	45.81	ng	# 99

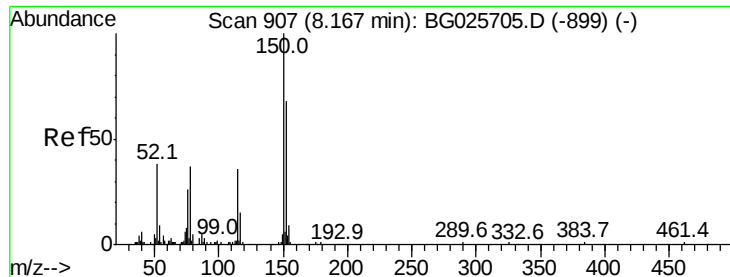
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	239785	49.30	nq	99
43) 2,4,5-Trichlorophenol	13.19	196	265134	48.02	nq	92
45) 1,1'-Biphenyl	13.51	154	1009359	46.36	nq	97
46) 2-Chloronaphthalene	13.56	162	729192	46.33	nq	98
47) 2-Nitroaniline	13.75	65	198431	39.75	nq	# 71
48) Acenaphthylene	14.40	152	1291335	46.08	nq	99
49) Dimethylphthalate	14.13	163	927411	44.99	nq	98
50) 2,6-Dinitrotoluene	14.24	165	198528	42.88	nq	# 68
51) Acenaphthene	14.74	154	818383	44.22	nq	99
52) 3-Nitroaniline	14.57	138	212349	41.00	nq	# 68
53) 2,4-Dinitrophenol	14.77	184	71446	29.49	nq	89
54) Dibenzofuran	15.07	168	1092489	44.27	nq	91
55) 4-Nitrophenol	14.87	139	152710	36.23	nq	# 44
56) 2,4-Dinitrotoluene	15.02	165	260410	41.81	nq	# 76
57) Fluorene	15.72	166	980698	44.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	224189	46.03	nq	99
59) Diethylphthalate	15.48	149	952115	44.66	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	466786	45.69	nq	93
61) 4-Nitroaniline	15.72	138	212912	39.66	nq	# 54
62) Azobenzene	16.00	77	770420	42.04	nq	83
64) 4,6-Dinitro-2-methylphenol	15.79	198	126804	31.85	nq	87
65) n-Nitrosodiphenylamine	15.92	169	822835	39.88	nq	99
66) 4-Bromophenyl-phenylether	16.60	248	299342	41.98	nq	99
67) Hexachlorobenzene	16.72	284	320894	43.66	nq	91
68) Atrazine	16.86	200	314894	43.12	nq	96
69) Pentachlorophenol	17.06	266	185483	40.91	nq	97
70) Phenanthrene	17.45	178	1476949	39.99	nq	96
71) Anthracene	17.54	178	1528802	40.60	nq	99
72) Carbazole	17.80	167	1486466	39.30	nq	96
73) Di-n-butylphthalate	18.36	149	1686708	45.42	nq	# 94
74) Fluoranthene	19.45	202	1703017	41.88	nq	94
76) Benzidine	19.62	184	654869	30.38	nq	98
77) Pyrene	19.81	202	1747038	40.45	nq	98
79) Butylbenzylphthalate	20.68	149	774625	47.26	nq	88
80) Benzo(a)anthracene	21.63	228	1561771	39.17	nq	96
81) 3,3'-Dichlorobenzidine	21.55	252	558987	39.33	nq	# 99
82) Chrysene	21.71	228	1500573	39.14	nq	97
83) Bis(2-ethylhexyl)phthalate	21.54	149	1156801	48.88	nq	# 98
84) Di-n-octyl phthalate	22.75	149	1943256	49.72	nq	# 84
85) Indeno(1,2,3-cd)pyrene	28.50	276	1562297	34.59	nq	# 88
87) Benzo(b)fluoranthene	23.84	252	1509780	39.26	nq	# 97
88) Benzo(k)fluoranthene	23.91	252	1519071	40.49	nq	# 93
89) Benzo(a)pyrene	24.71	252	1423987	39.11	nq	# 95
90) Dibenzo(a,h)anthracene	28.56	278	1303646	35.64	nq	# 93
91) Benzo(g,h,i)perylene	29.64	276	1360996	37.11	nq	# 86

(#) = 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

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SSTDCCC040

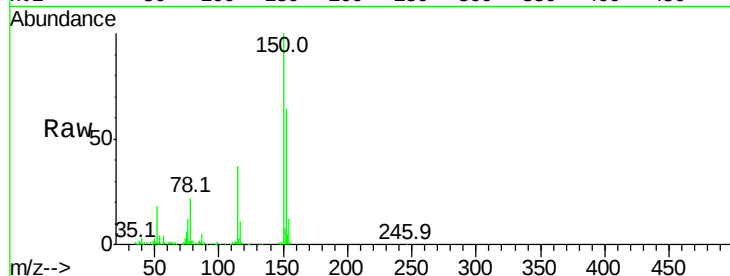
Tot Ion:152 Resp: 121693

Ion Ratio Lower Upper

152 100

150 156.2 114.0 171.0

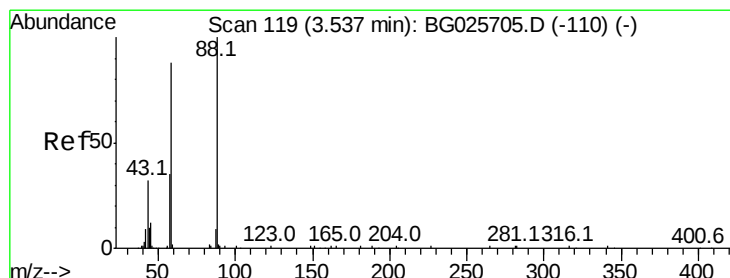
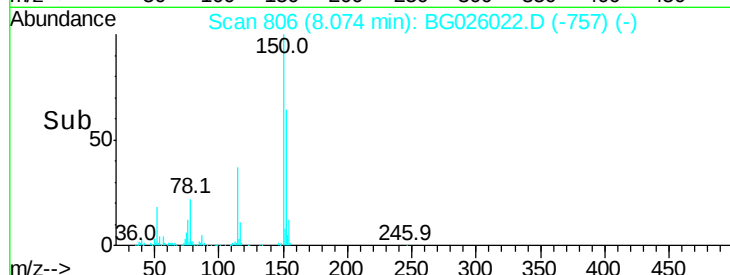
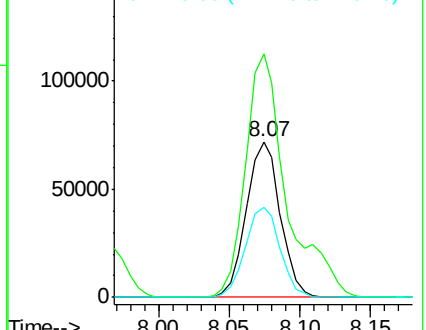
115 57.5 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.83 ng

RT: 3.54 min Scan# 34

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

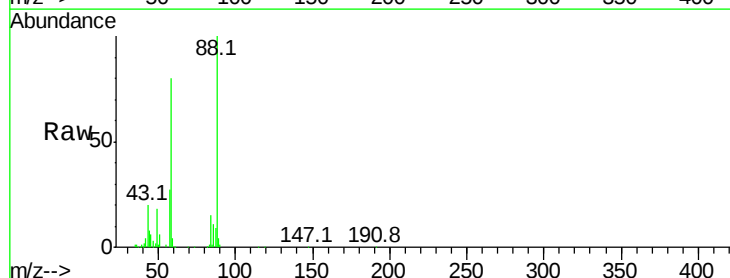
Tgt Ion: 88 Resp: 127250

Ion Ratio Lower Upper

88 100

58 83.7 79.4 119.2

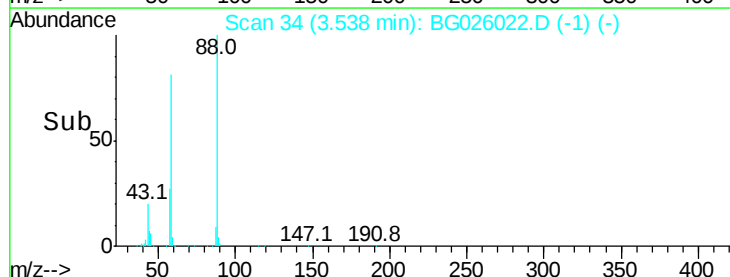
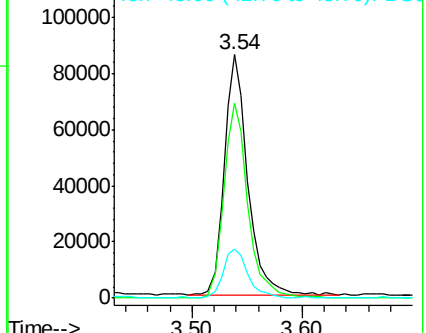
43 21.1 33.8 50.6#

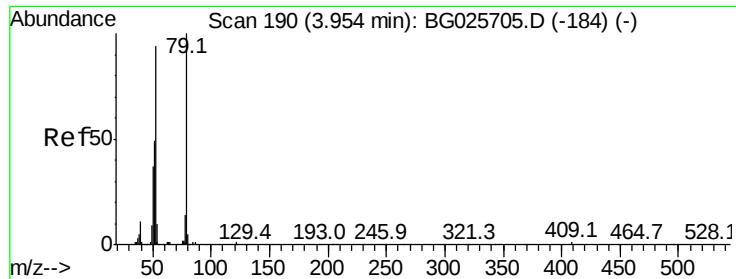


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.30 ng

RT: 3.94 min Scan# 102

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

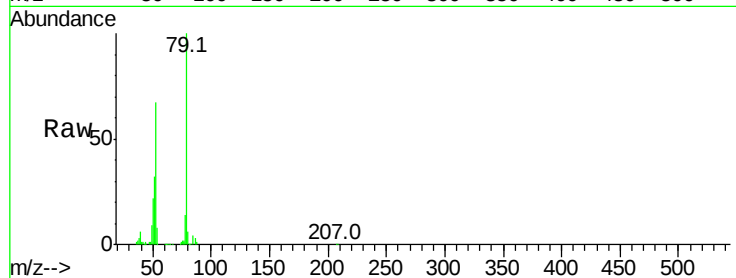
Tot Ion: 79 Resp: 355033

Ion Ratio Lower Upper

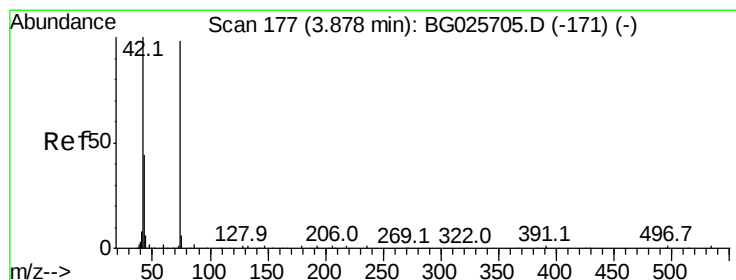
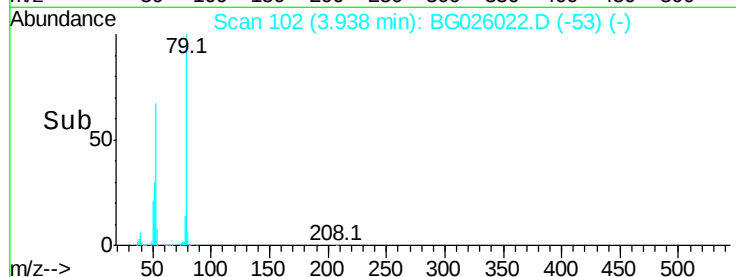
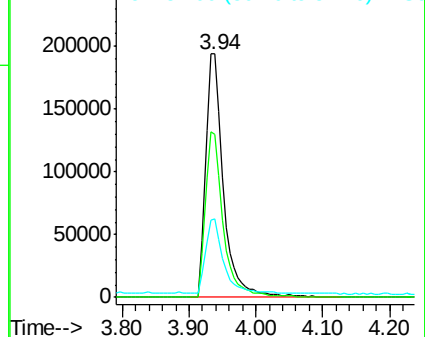
79 100

52 67.2 77.8 116.6#

51 32.4 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: 32.94 ng

RT: 3.84 min Scan# 86

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

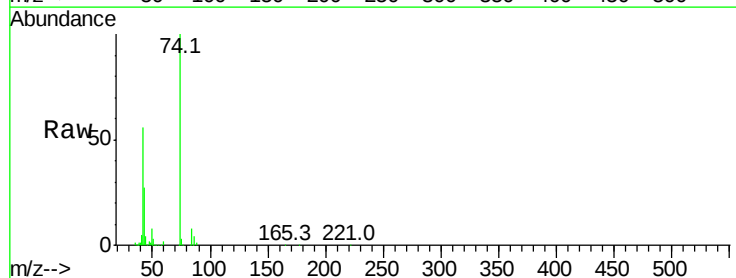
Tgt Ion: 42 Resp: 112778

Ion Ratio Lower Upper

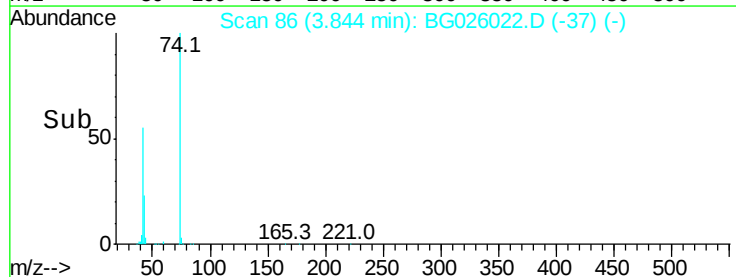
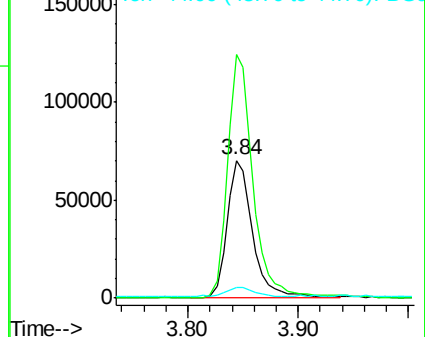
42 100

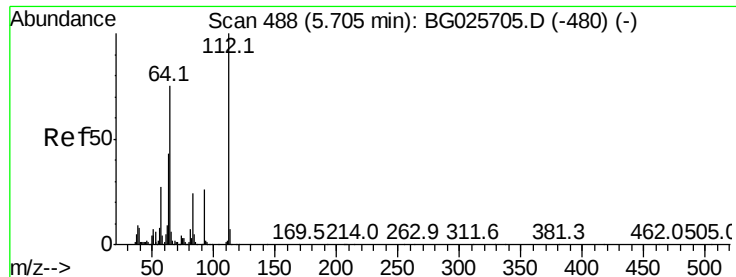
74 177.3 76.7 115.1#

44 8.0 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: 79.66 ng

RT: 5.64 min Scan# 392

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

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SSTDCCC040

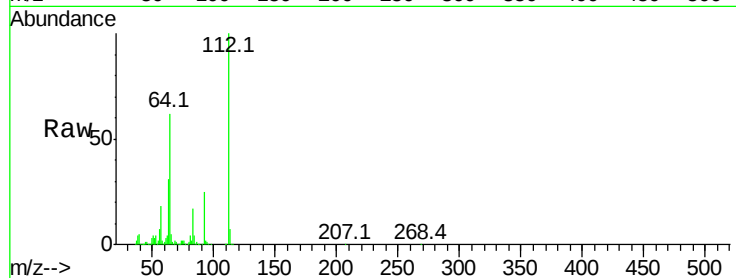
Tot Ion:112 Resp: 556809

Ion Ratio Lower Upper

112 100

64 61.5 61.8 92.6#

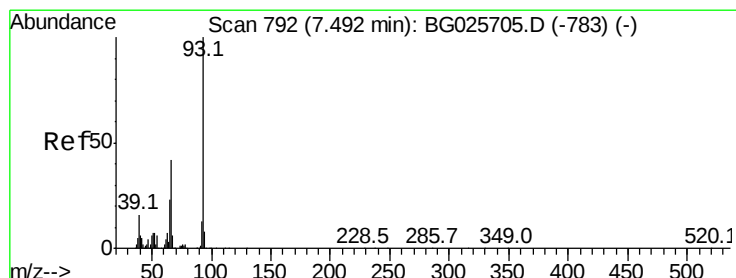
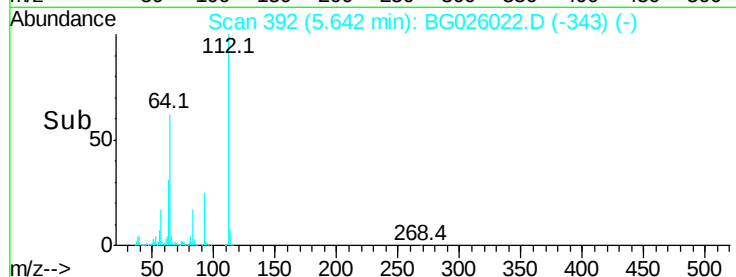
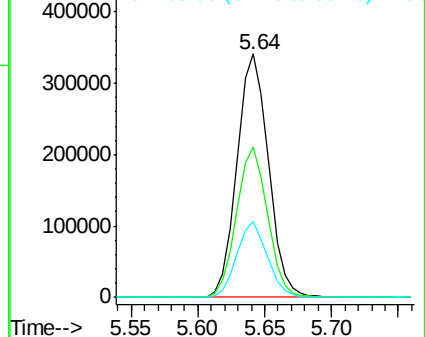
63 31.0 37.2 55.8#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.51 ng

RT: 7.39 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

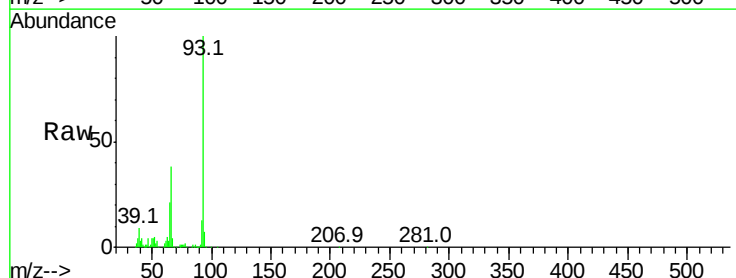
Tgt Ion: 93 Resp: 510696

Ion Ratio Lower Upper

93 100

66 38.4 35.4 53.2

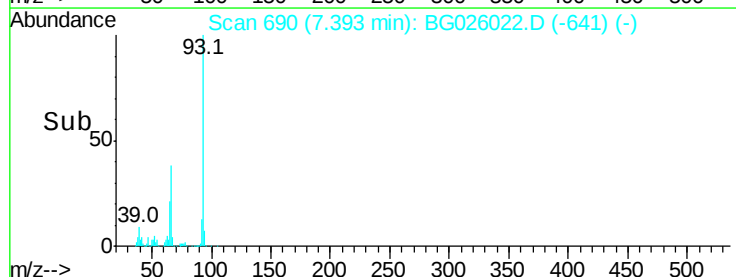
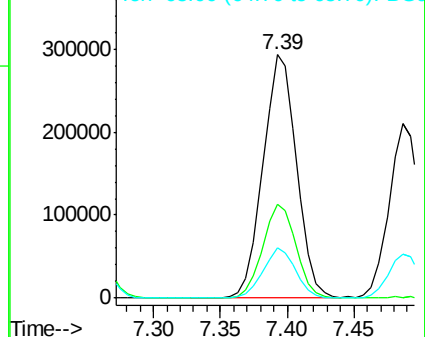
65 20.7 21.2 31.8#

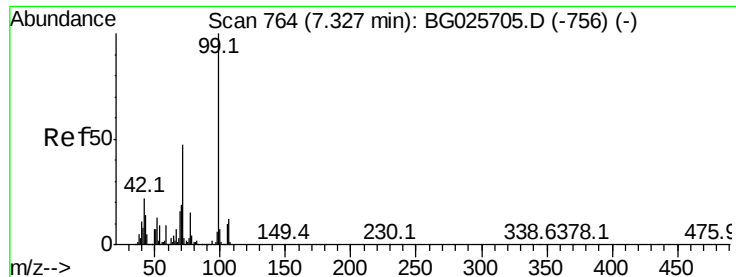


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 72.32 ng

RT: 7.23 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG026022.D

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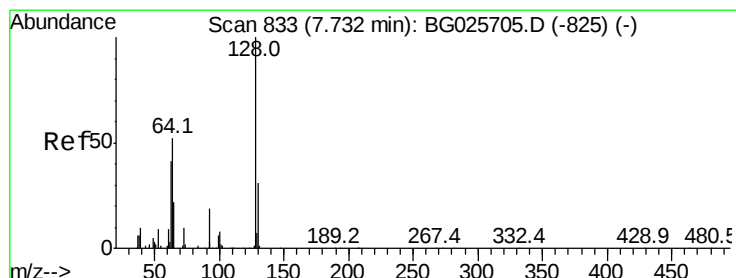
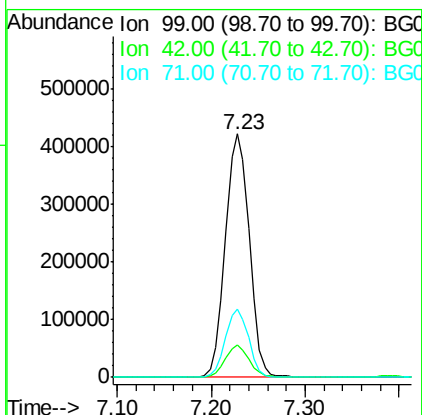
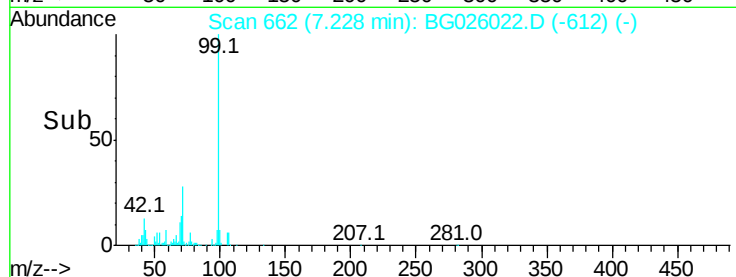
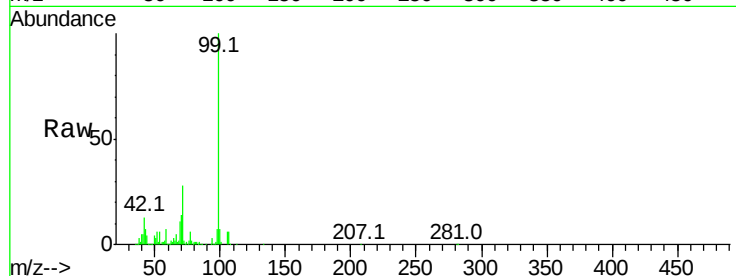
Tot Ion: 99 Resp: 748012

Ion Ratio Lower Upper

99 100

42 13.3 20.5 30.7#

71 27.9 37.6 56.4#



#8

2-Chlorophenol

Concen: 38.25 ng

RT: 7.64 min Scan# 732

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

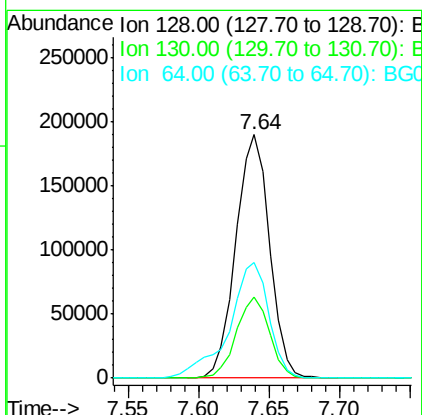
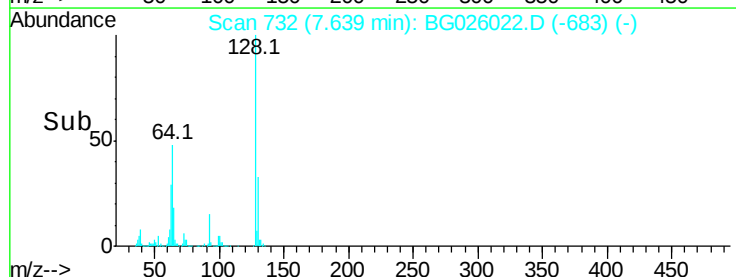
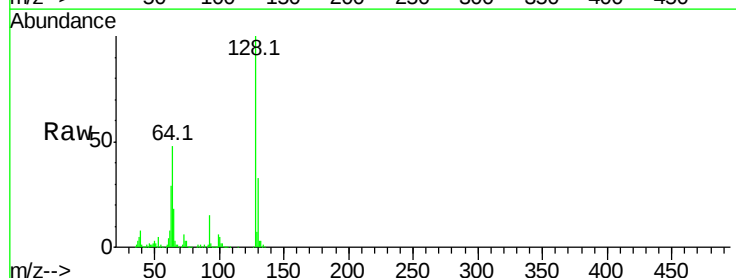
Tgt Ion: 128 Resp: 317784

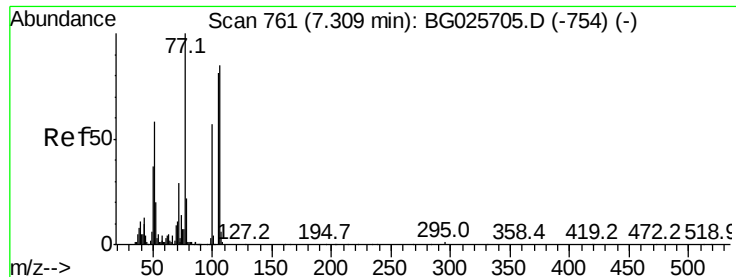
Ion Ratio Lower Upper

128 100

130 33.2 11.4 51.4

64 47.7 46.6 86.6





#9

Benzaldehyde

Concen: 35.53 ng

RT: 7.20 min Scan# 658

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

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ClientSampleId :

SSTDCCC040

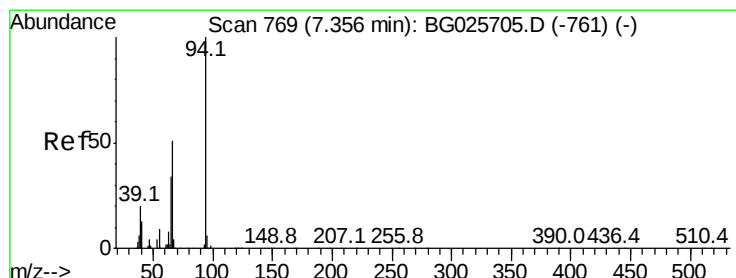
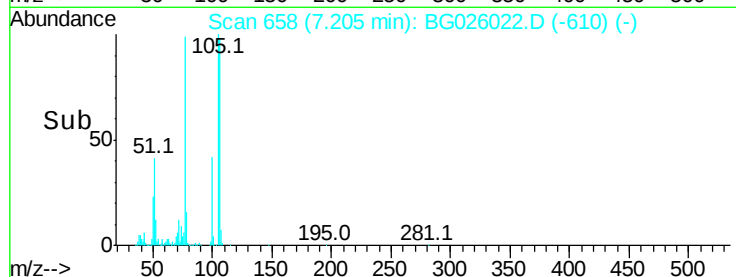
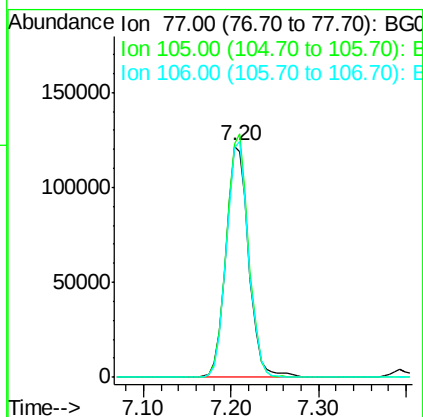
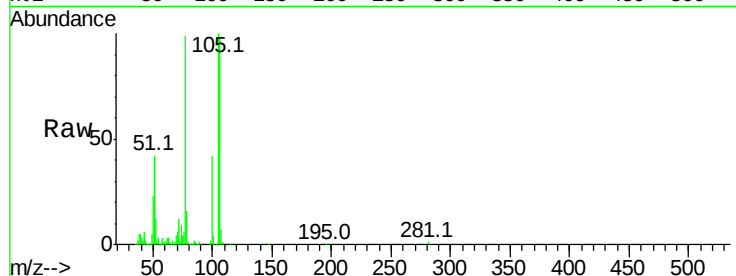
Tot Ion: 77 Resp: 217787

Ion Ratio Lower Upper

77 100

105 101.1 60.9 100.9#

106 99.2 55.1 95.1#



#10

Phenol

Concen: 35.55 ng

RT: 7.26 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

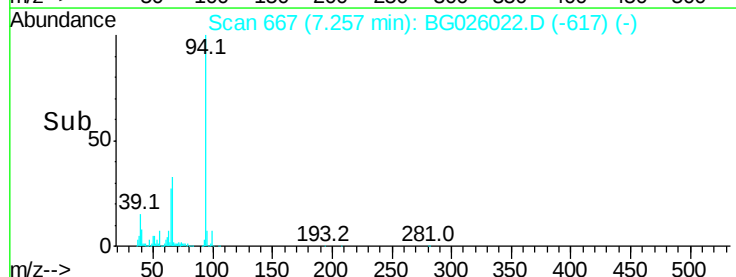
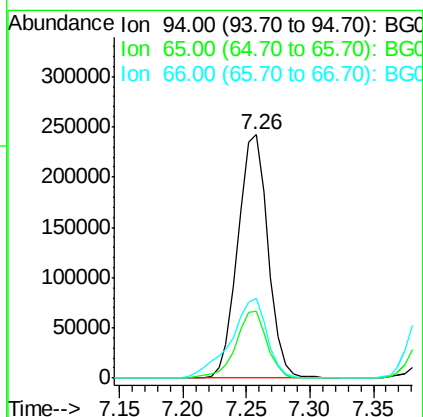
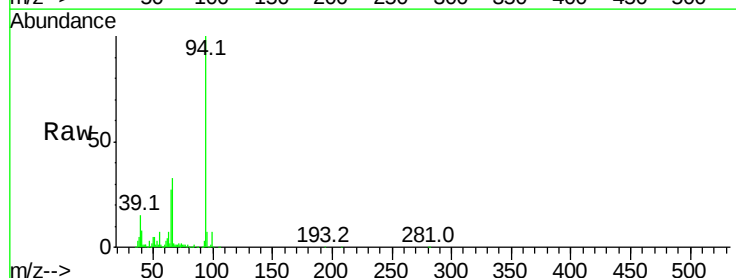
Tgt Ion: 94 Resp: 399534

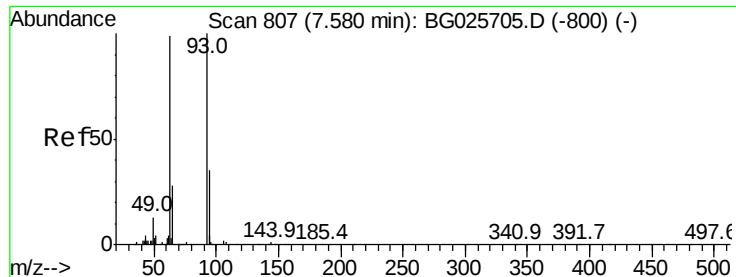
Ion Ratio Lower Upper

94 100

65 27.4 20.6 60.6

66 32.9 35.5 75.5#





#11

bis(2-Chloroethyl)ether

Concen: 36.15 ng

RT: 7.49 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

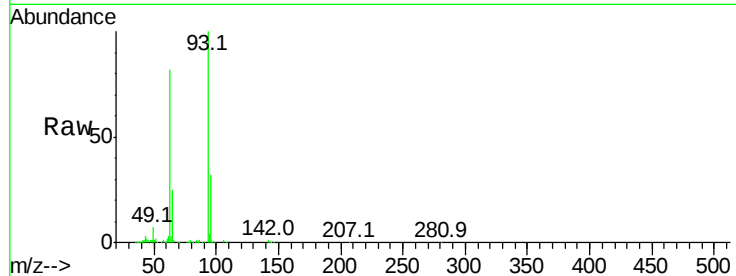
Tot Ion: 93 Resp: 333991

Ion Ratio Lower Upper

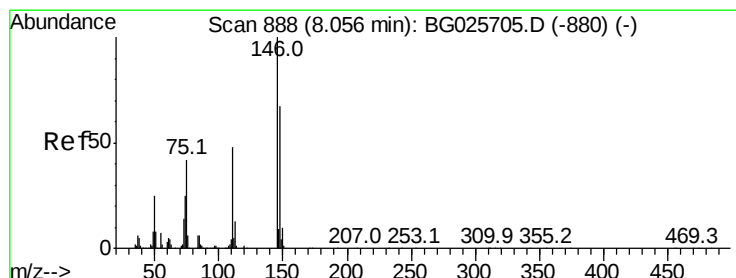
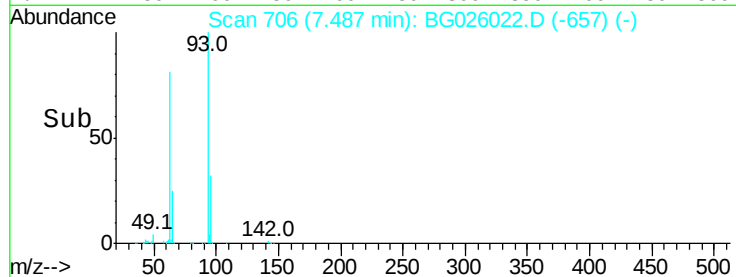
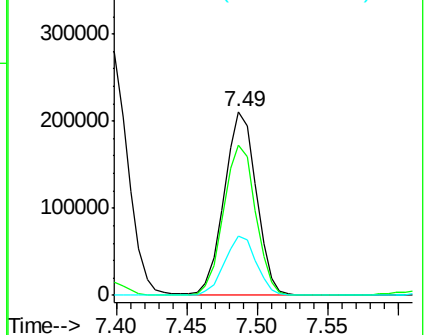
93 100

63 82.2 78.5 118.5

95 32.0 9.8 49.8



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



#12

1,3-Dichlorobenzene

Concen: 39.45 ng

RT: 7.97 min Scan# 788

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

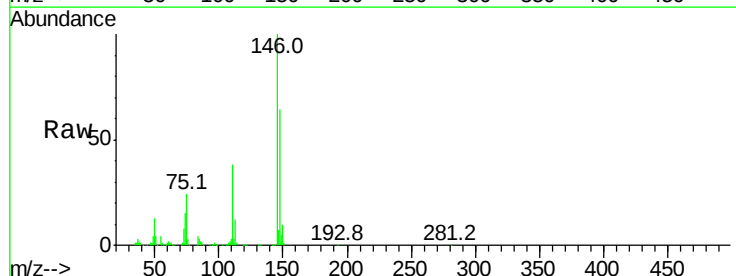
Tgt Ion: 146 Resp: 378858

Ion Ratio Lower Upper

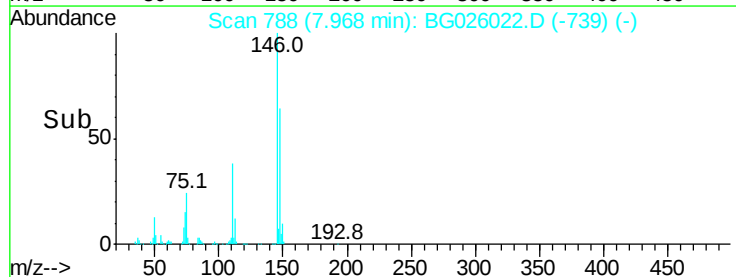
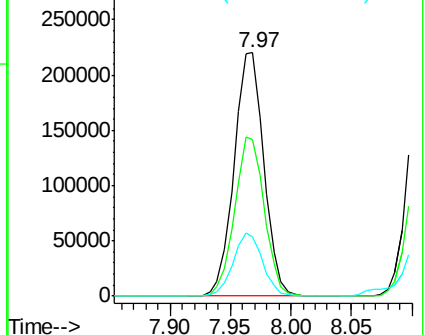
146 100

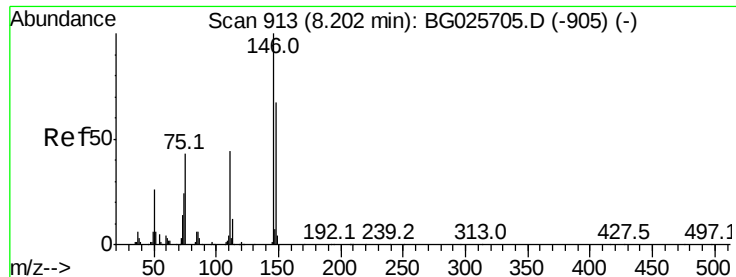
148 64.2 49.2 73.8

75 24.1 33.4 50.2#



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





#13

1,4-Dichlorobenzene

Concen: 38.95 ng

RT: 7.97 min Scan# 788

Delta R.T. -0.16 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

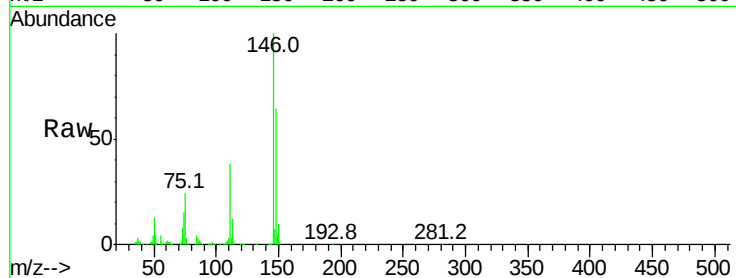
Tot Ion:146 Resp: 378858

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

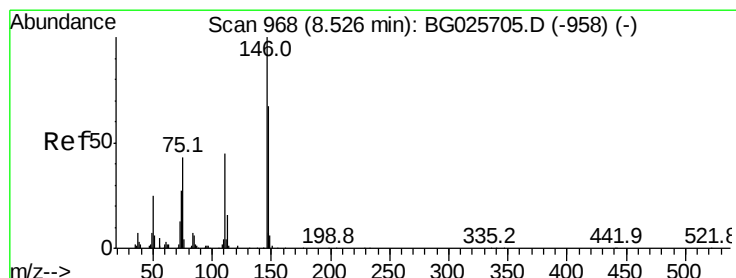
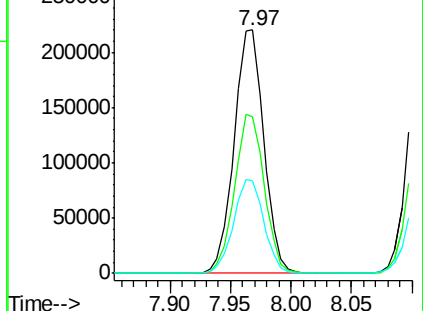
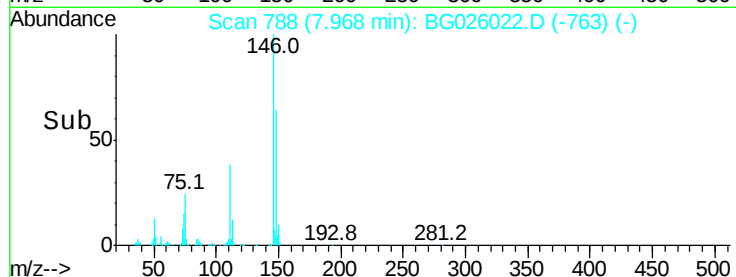
111 37.9 37.0 55.6



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: 38.97 ng

RT: 8.43 min Scan# 867

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

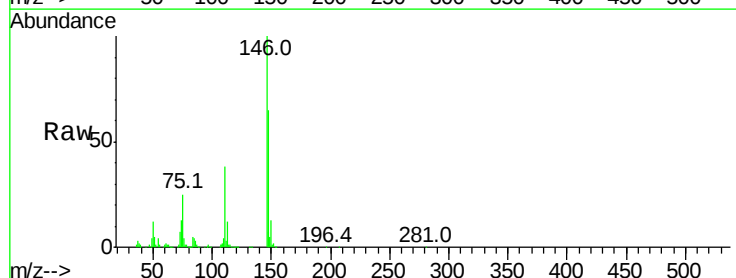
Tgt Ion:146 Resp: 372155

Ion Ratio Lower Upper

146 100

148 65.2 54.6 81.8

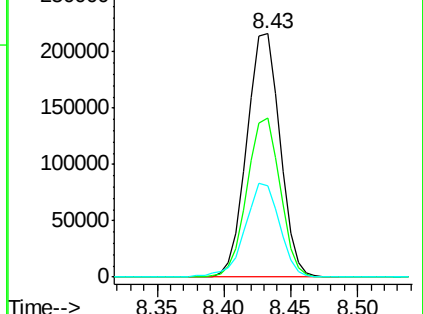
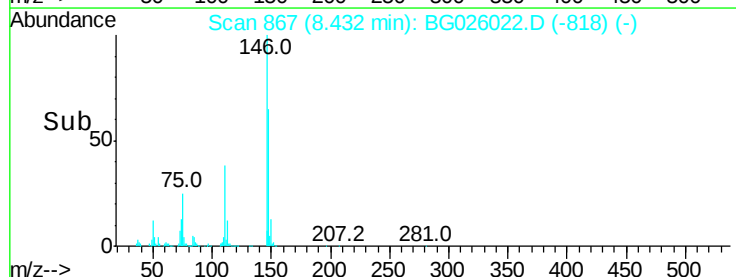
111 37.7 39.7 59.5#

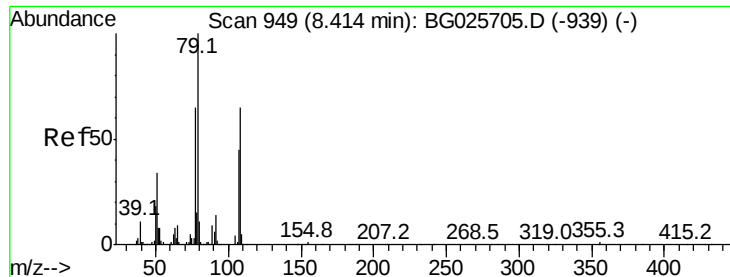


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.53 ng

RT: 8.30 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

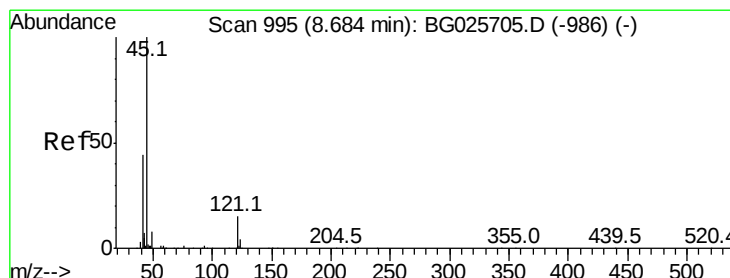
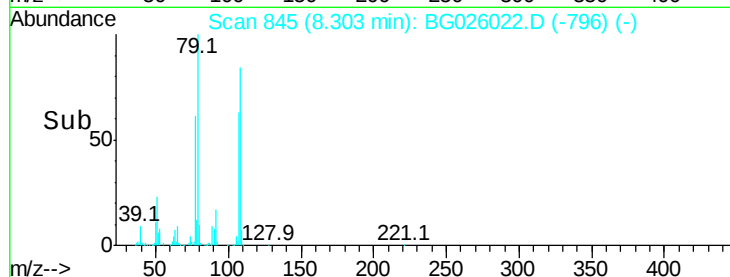
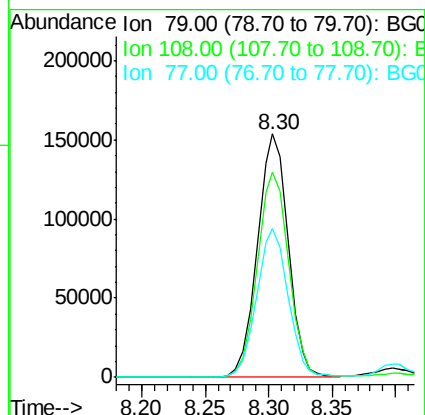
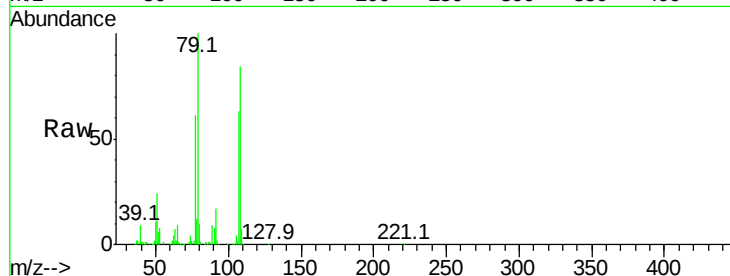
Tot Ion: 79 Resp: 261534

Ion Ratio Lower Upper

79 100

108 84.2 45.5 68.3#

77 61.2 54.3 81.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 30.08 ng

RT: 8.60 min Scan# 895

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

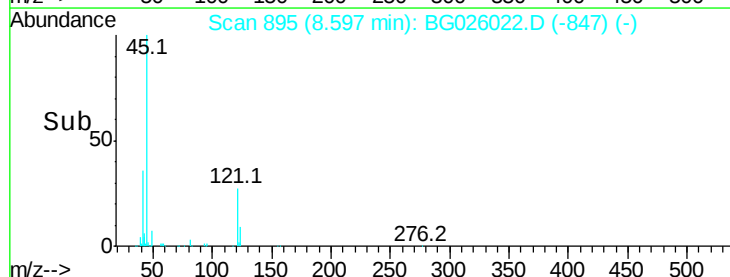
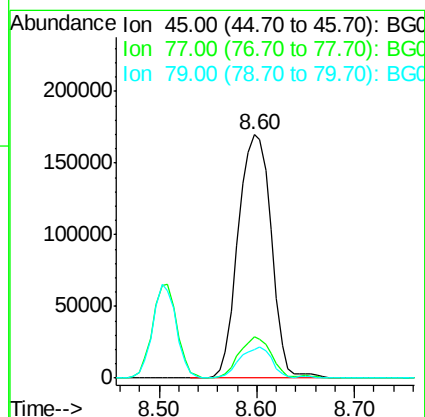
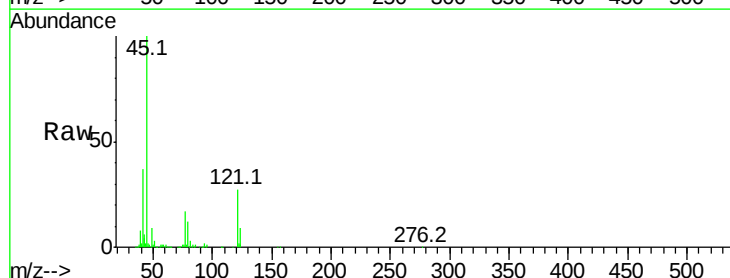
Tgt Ion: 45 Resp: 403267

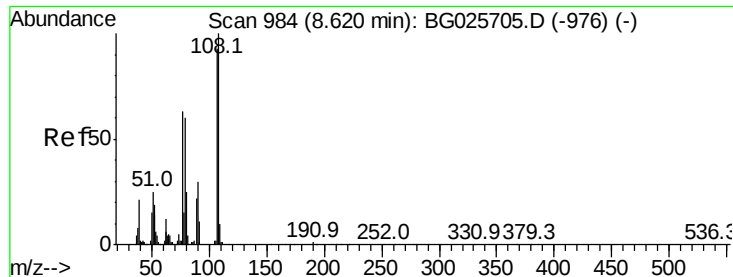
Ion Ratio Lower Upper

45 100

77 16.9 0.0 30.6

79 11.9 0.0 28.5

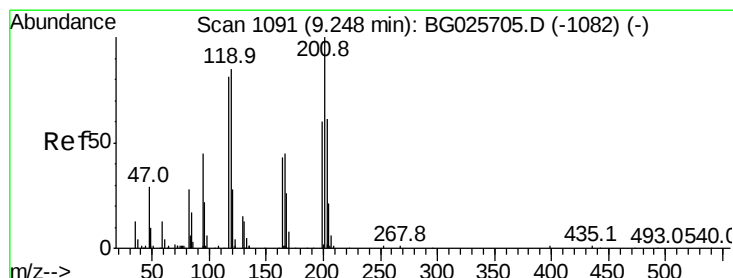
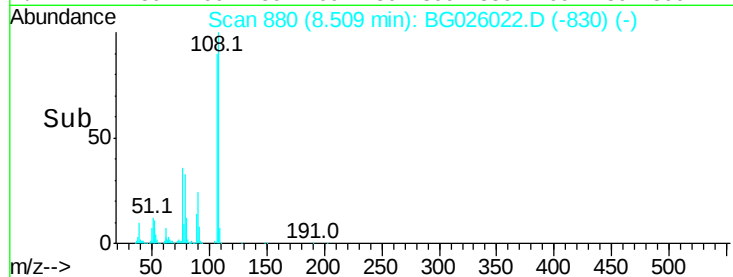
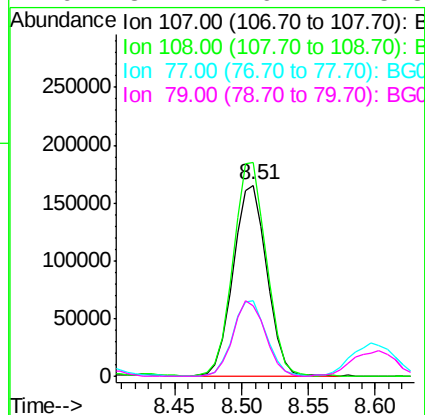
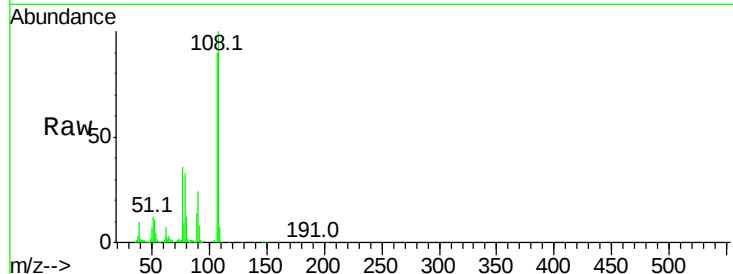




#17
2-Methylphenol
Concen: 35.61 ng
RT: 8.51 min Scan# 880
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

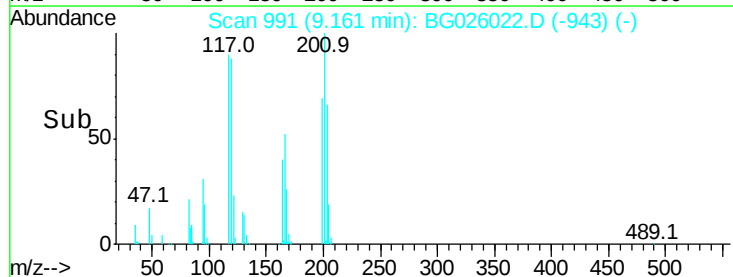
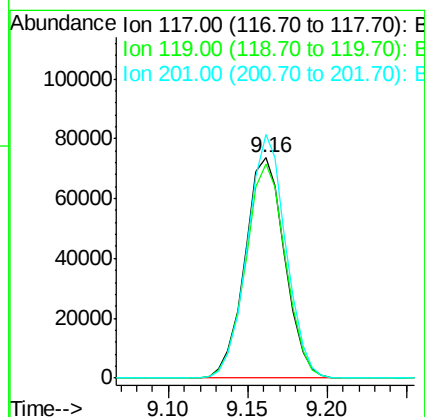
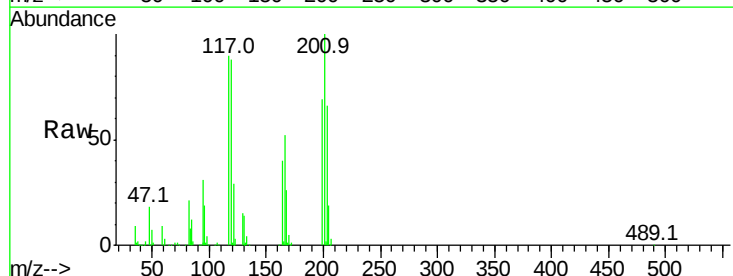
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

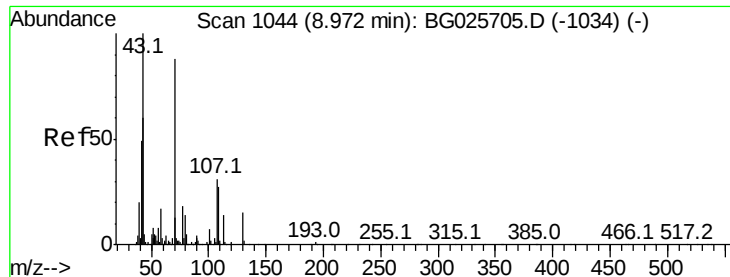
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	85.6	128.4
77	39.7	51.4	77.2#
79	37.1	49.2	73.8#



#18
Hexachloroethane
Concen: 39.80 ng
RT: 9.16 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	69.8	104.6
201	110.7	95.4	143.0

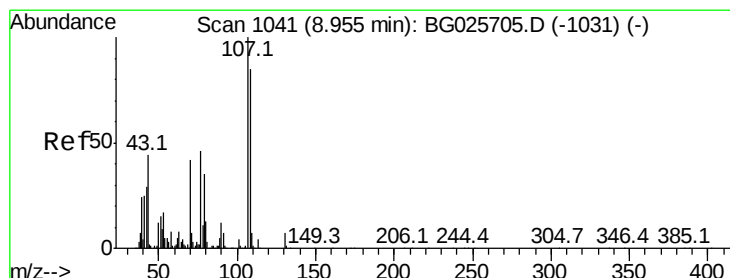
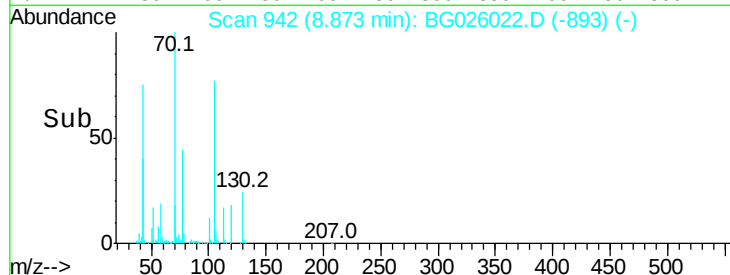
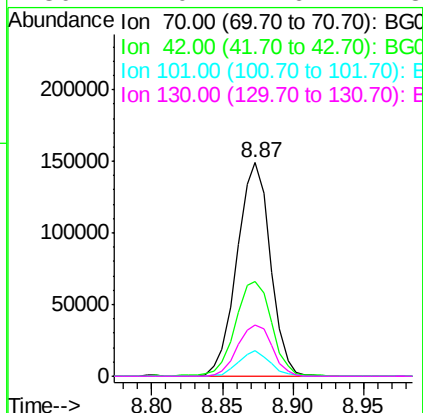
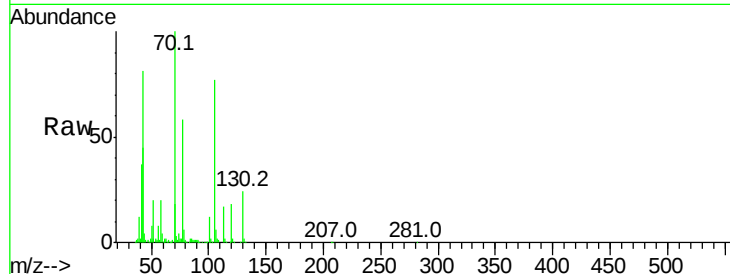




#19
n-Nitroso-di-n-propylamine
Concen: 32.63 ng
RT: 8.87 min Scan# 942
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

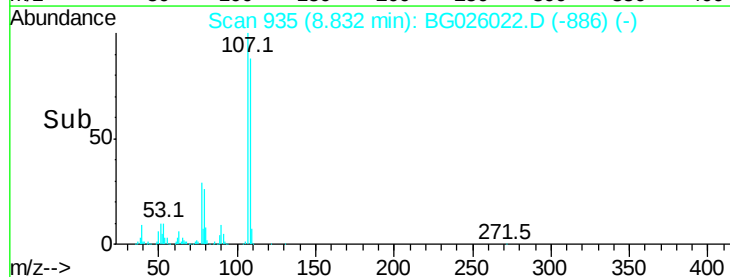
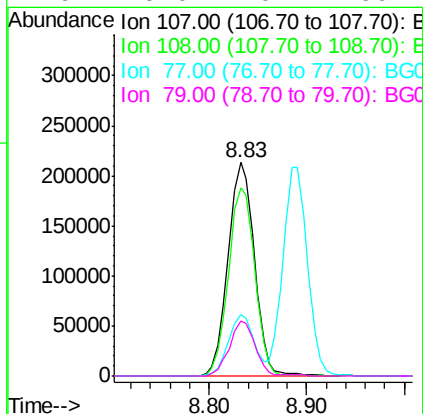
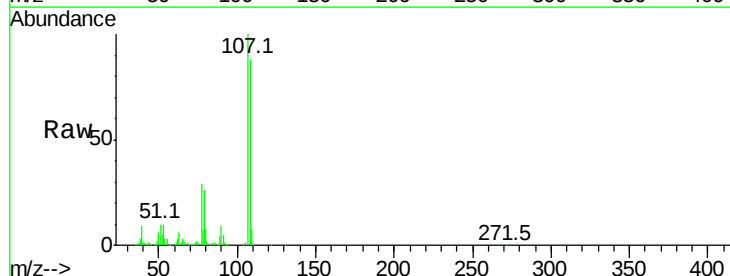
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

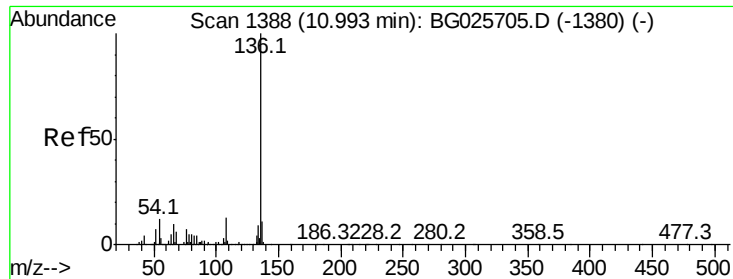
Tot Ion: 70 Resp: 246522
Ion Ratio Lower Upper
70 100
42 44.6 56.1 84.1#
101 11.7 7.5 11.3#
130 24.0 14.6 21.8#



#20
3+4-Methylphenols
Concen: 34.73 ng
RT: 8.83 min Scan# 935
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion: 107 Resp: 400708
Ion Ratio Lower Upper
107 100
108 88.3 70.8 110.8
77 29.0 25.8 65.8
79 26.0 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: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 522718

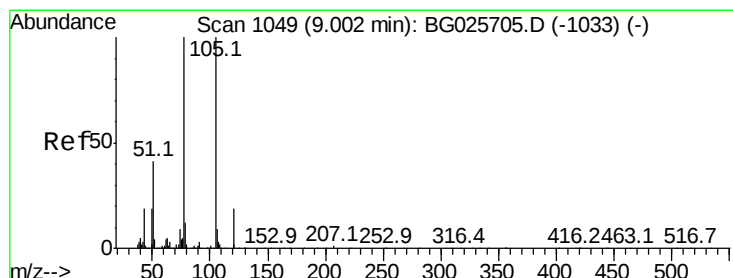
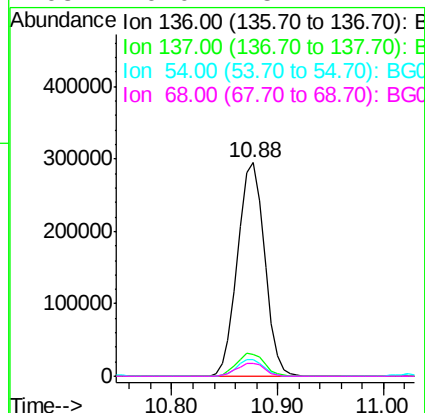
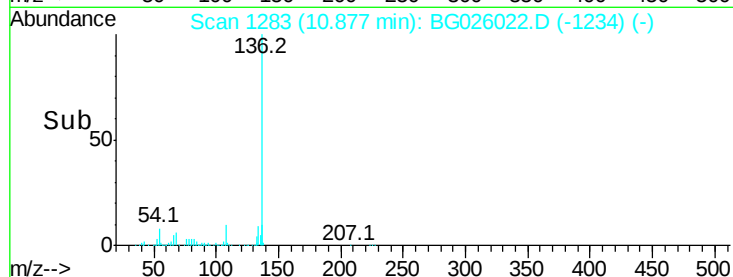
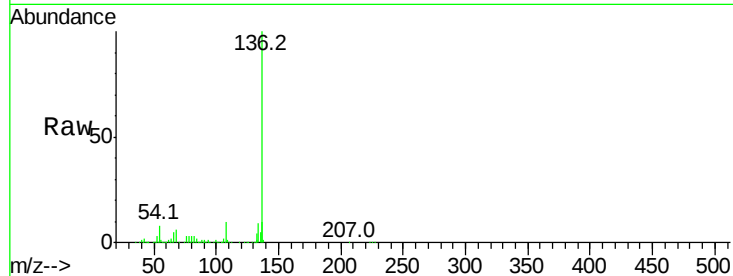
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	7.9	9.3	13.9#
68	6.0	5.1	7.7

136 100

137 10.5 8.9 13.3

54 7.9 9.3 13.9#

68 6.0 5.1 7.7



#22

Acetophenone

Concen: 39.85 ng

RT: 8.89 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion:105 Resp: 499780

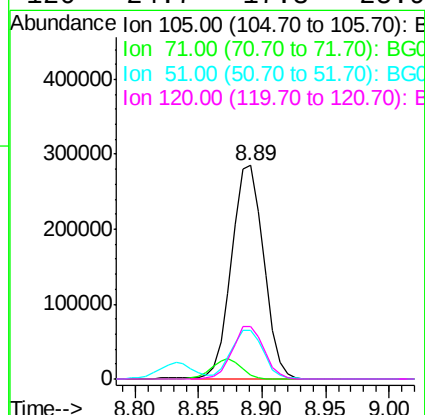
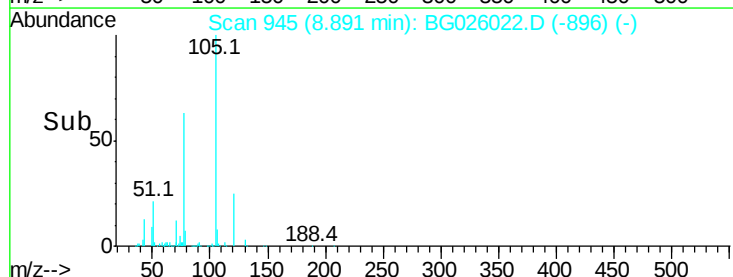
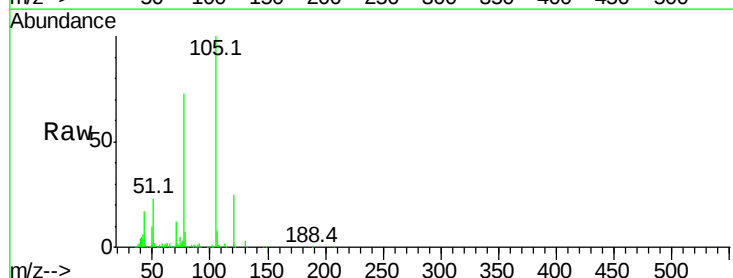
Ion	Ratio	Lower	Upper
105	100		
71	2.0	0.9	1.3#
51	23.0	34.0	51.0#
120	24.7	17.3	25.9

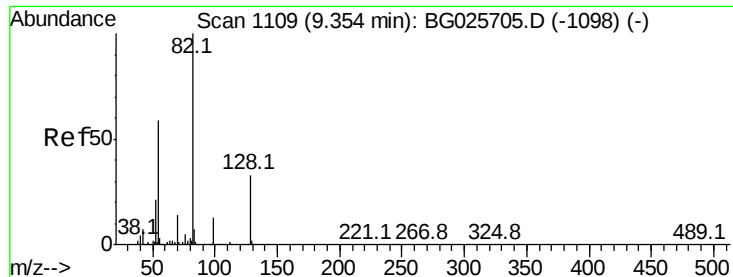
105 100

71 2.0 0.9 1.3#

51 23.0 34.0 51.0#

120 24.7 17.3 25.9

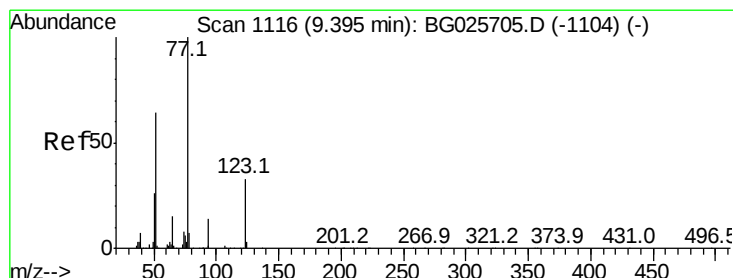
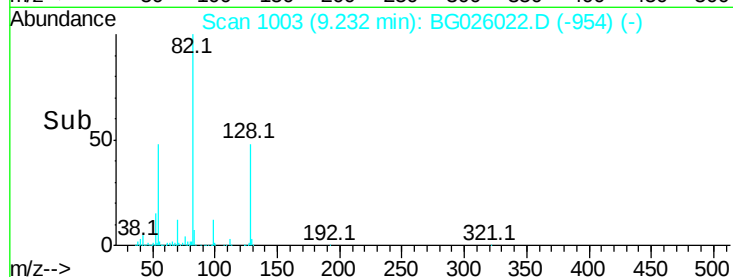
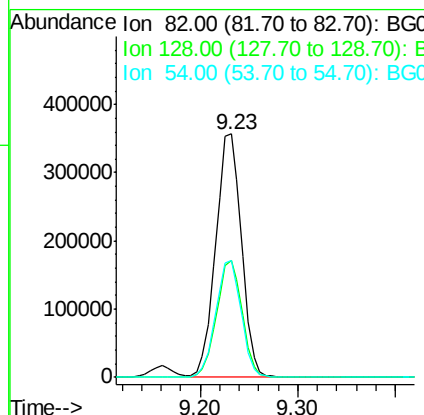
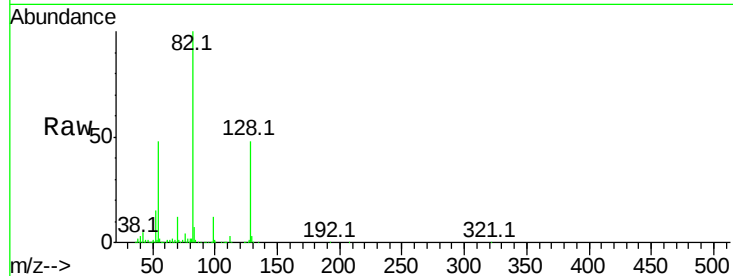




#23
 Nitrobenzene-d5
 Concen: 78.59 ng
 RT: 9.23 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

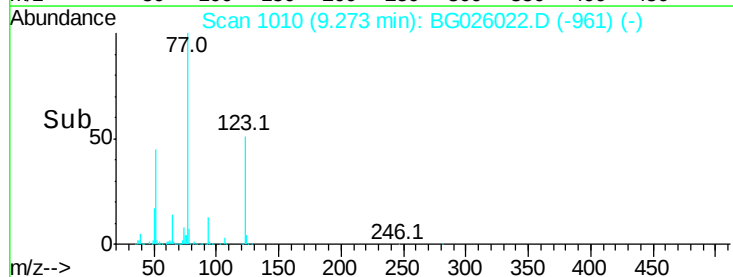
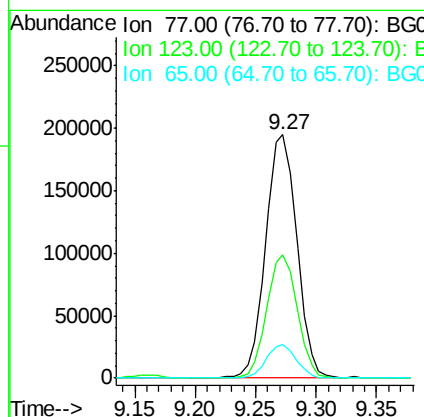
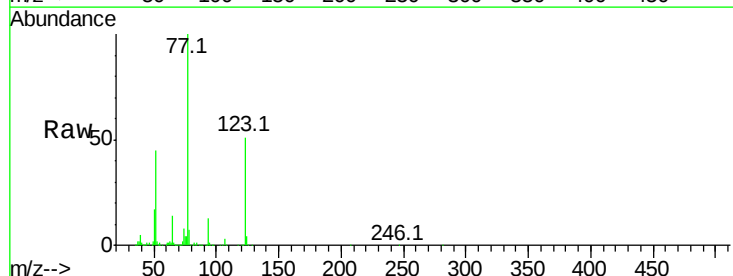
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

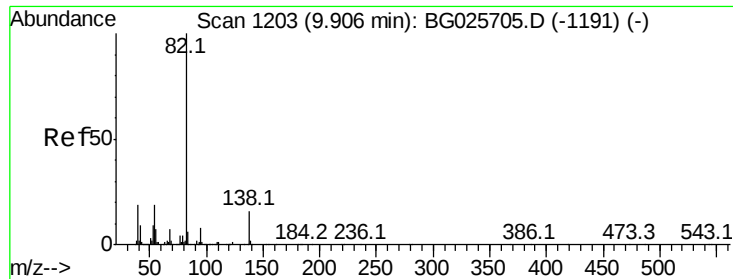
Tot Ion: 82 Resp: 650935
 Ion Ratio Lower Upper
 82 100
 128 48.0 26.4 39.6#
 54 47.9 49.4 74.2#



#24
 Nitrobenzene
 Concen: 38.66 ng
 RT: 9.27 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion: 77 Resp: 346308
 Ion Ratio Lower Upper
 77 100
 123 50.8 26.1 39.1#
 65 13.7 12.4 18.6





#25

Isophorone

Concen: 38.22 ng

RT: 9.80 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

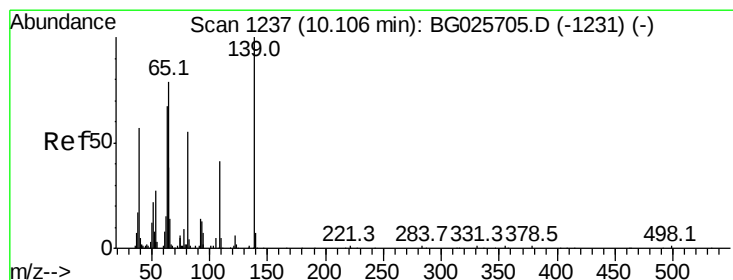
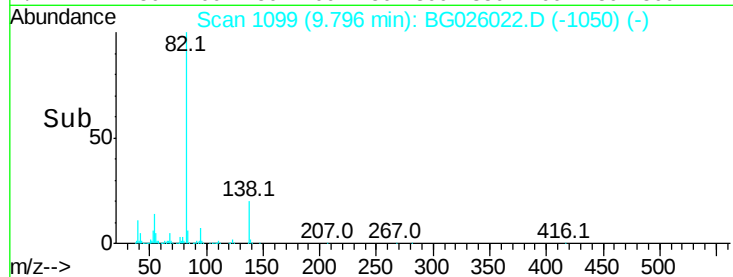
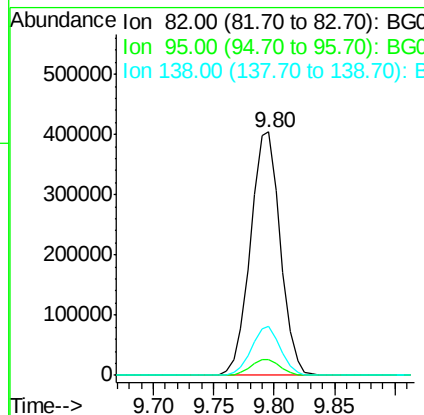
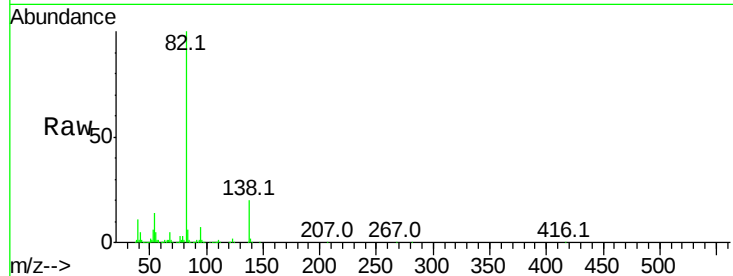
Tot Ion: 82 Resp: 696644

Ion Ratio Lower Upper

82 100

95 6.6 7.5 11.3#

138 20.3 12.3 18.5#



#26

2-Nitrophenol

Concen: 39.15 ng

RT: 9.98 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

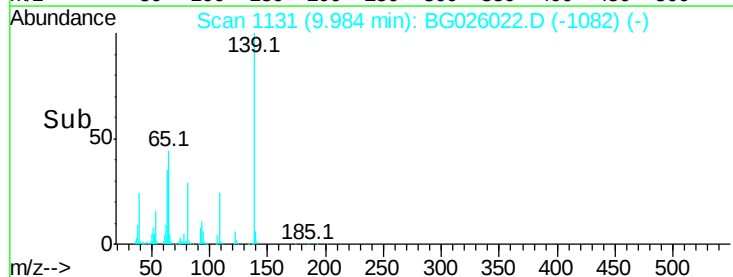
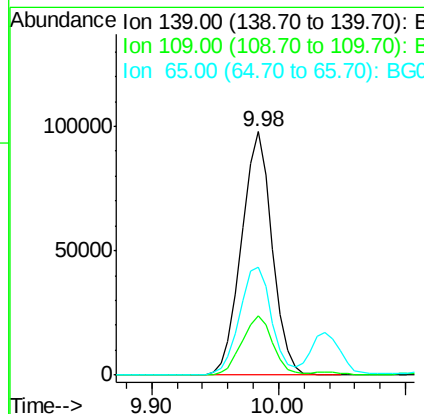
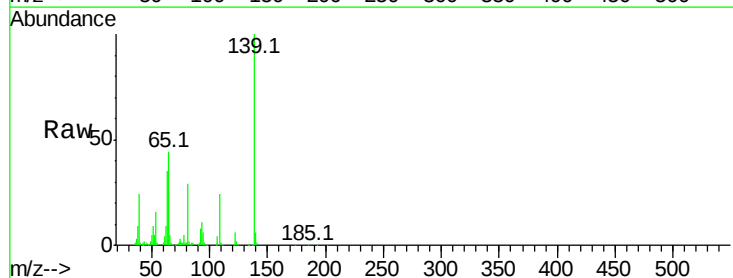
Tgt Ion: 139 Resp: 163986

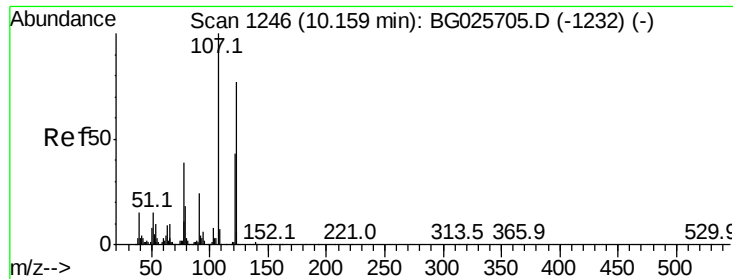
Ion Ratio Lower Upper

139 100

109 24.4 38.6 58.0#

65 44.2 57.1 85.7#

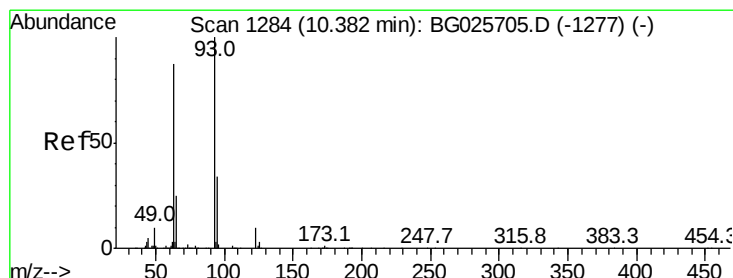
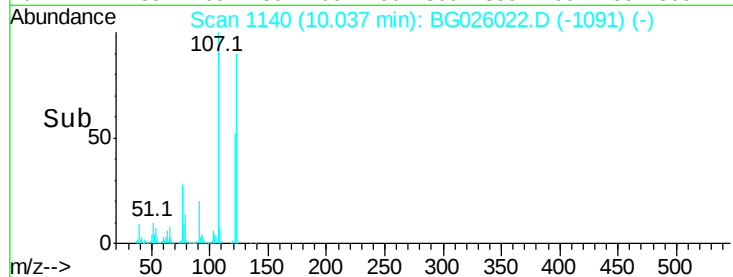
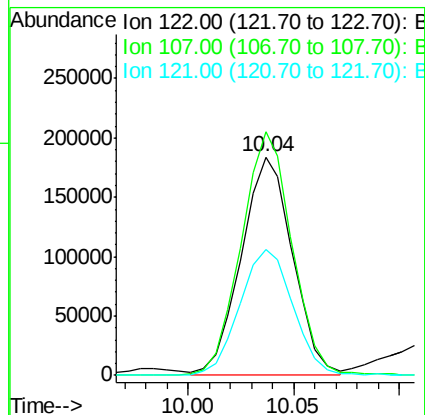
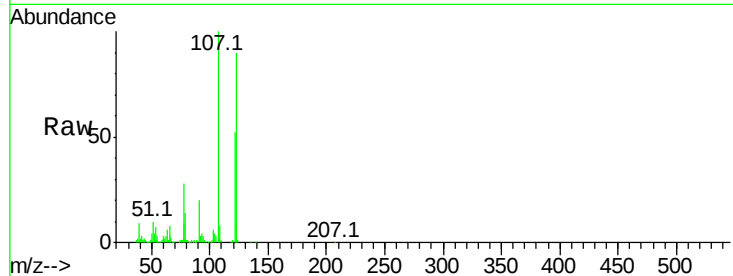




#27
2,4-Dimethylphenol
Concen: 39.59 ng
RT: 10.04 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

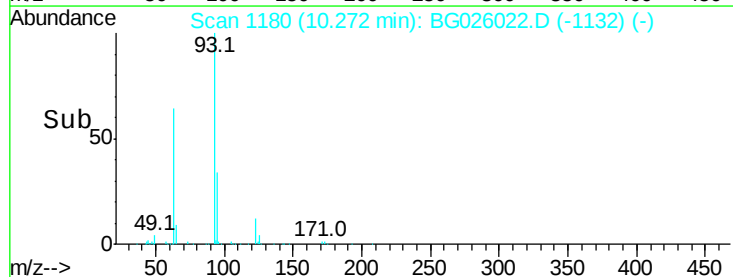
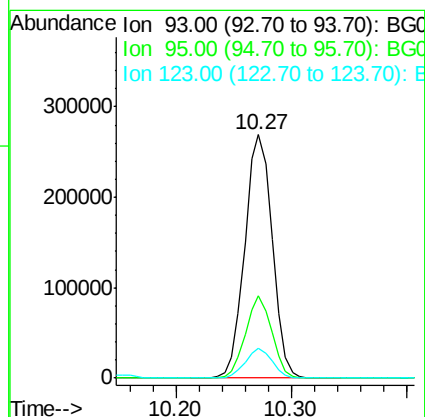
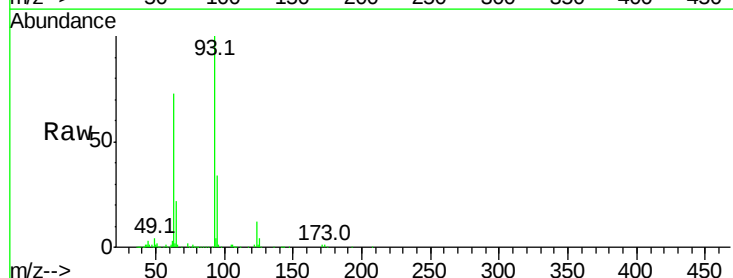
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

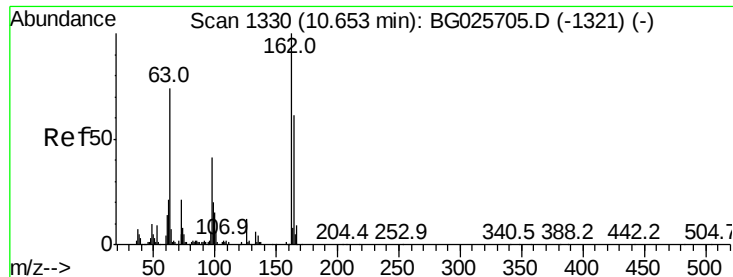
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.5	104.2	156.4
121	57.6	46.0	69.0



#28
bis(2-Chloroethoxy)methane
Concen: 38.53 ng
RT: 10.27 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.6	25.7	38.5
123	12.3	8.3	12.5





#29

2,4-Dichlorophenol

Concen: 41.14 ng

RT: 10.52 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

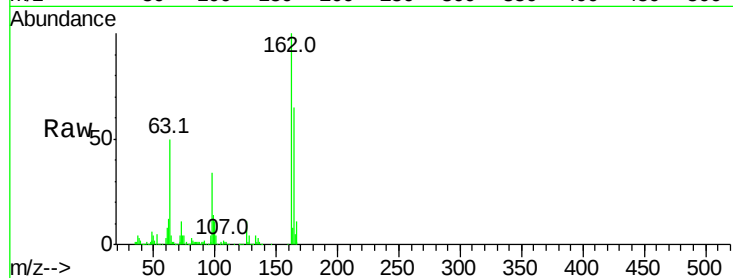
Tot Ion:162 Resp: 307001

Ion Ratio Lower Upper

162 100

164 65.4 42.4 82.4

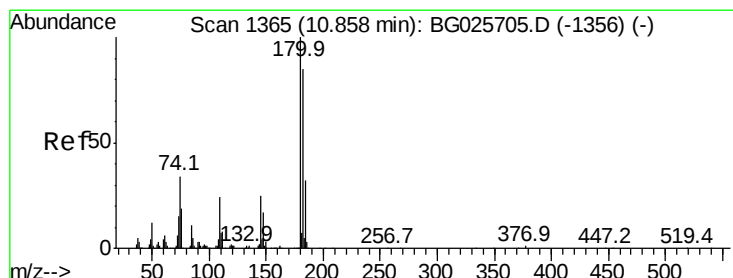
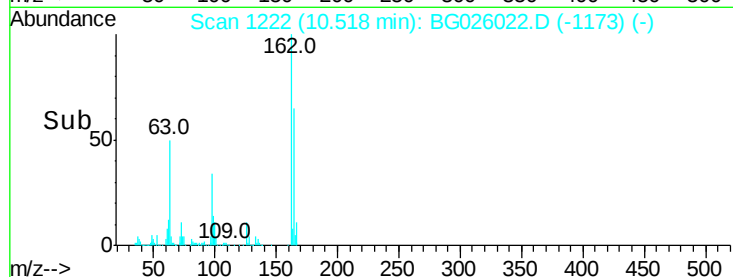
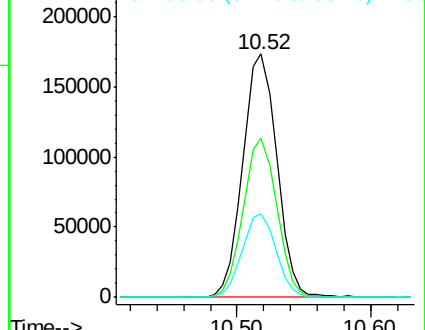
98 34.1 20.3 60.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 43.06 ng

RT: 10.74 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

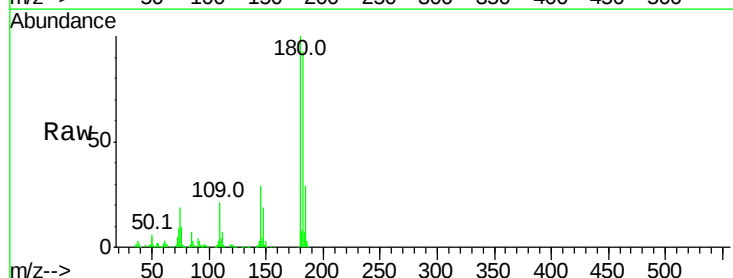
Tgt Ion:180 Resp: 349437

Ion Ratio Lower Upper

180 100

182 92.9 77.0 115.4

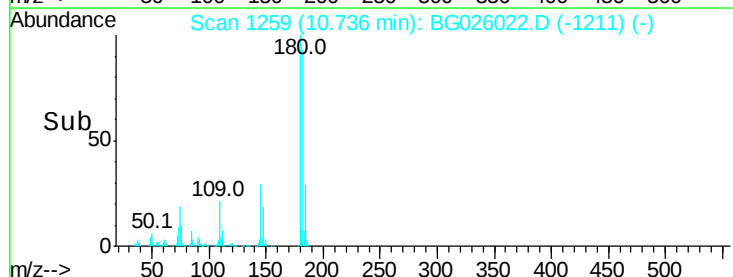
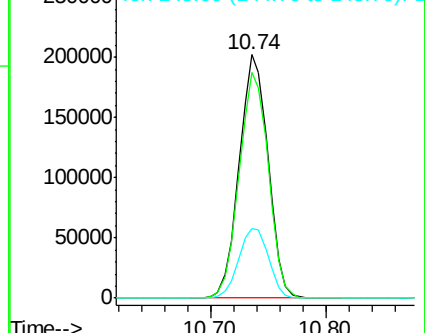
145 28.7 23.4 35.0

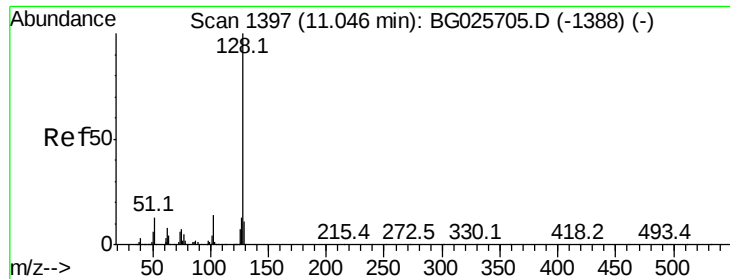


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

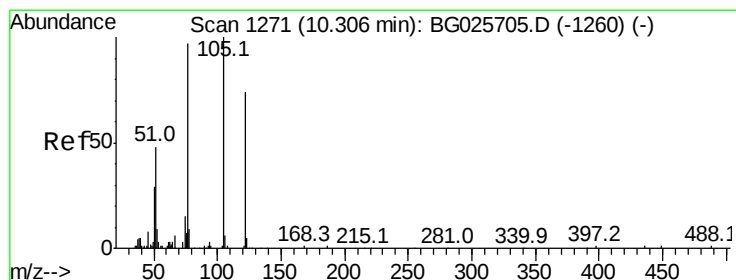
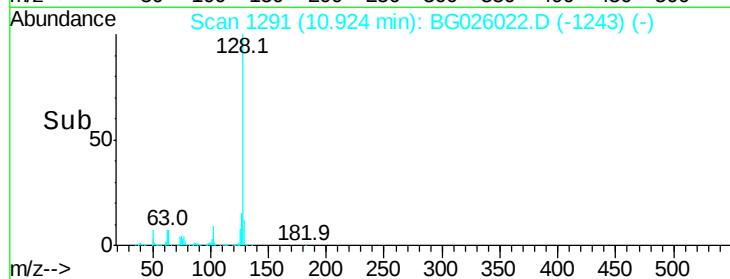
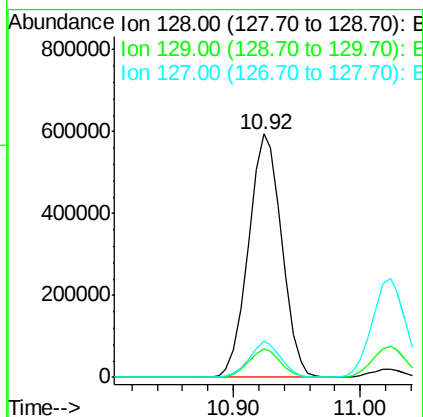
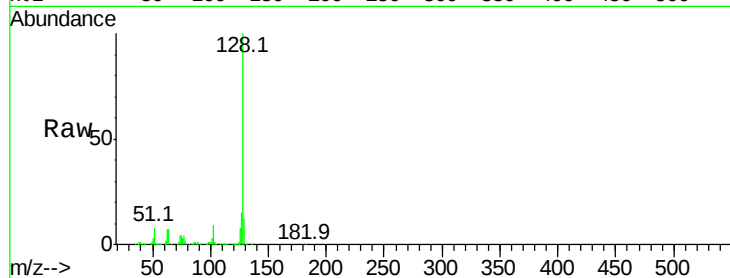




#31
Naphthalene
Concen: 40.06 ng
RT: 10.92 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

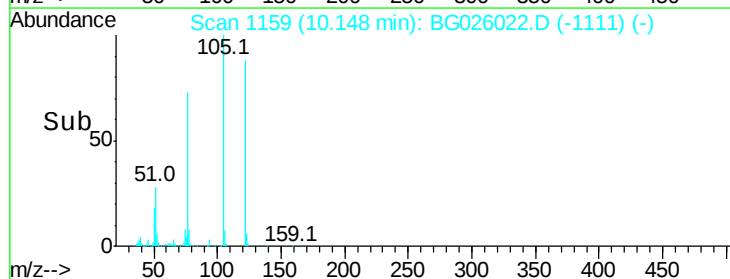
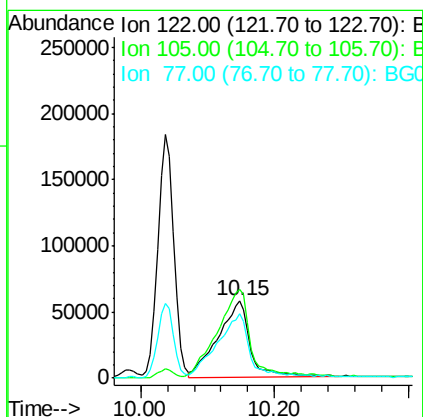
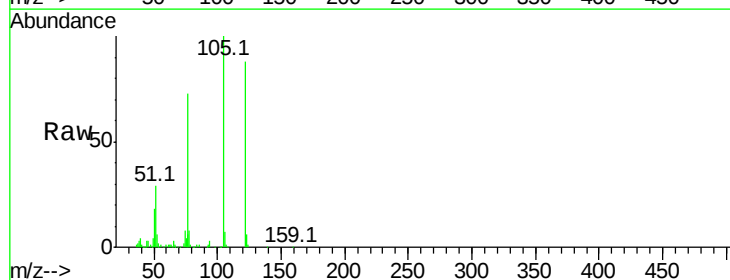
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

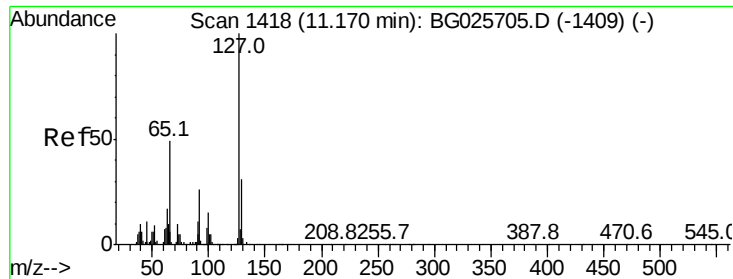
Tot Ion:128 Resp: 1082660
Ion Ratio Lower Upper
128 100
129 11.7 9.3 13.9
127 14.8 11.4 17.0



#32
Benzoic acid
Concen: 32.07 ng
RT: 10.15 min Scan# 1159
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion:122 Resp: 191431
Ion Ratio Lower Upper
122 100
105 114.3 120.1 160.1#
77 83.3 104.6 144.6#

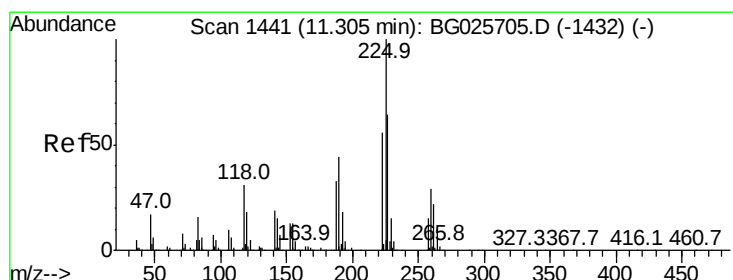
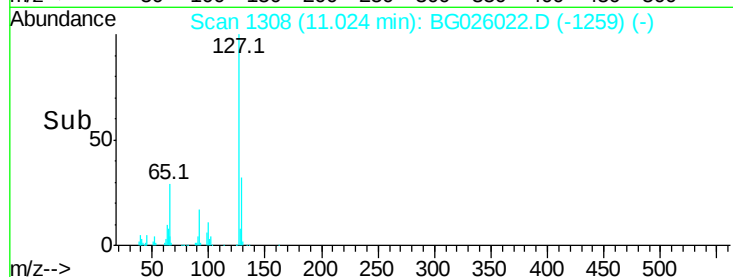
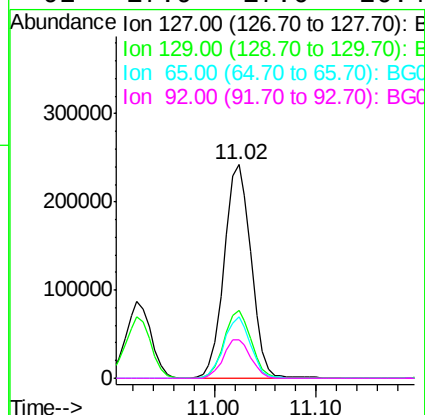
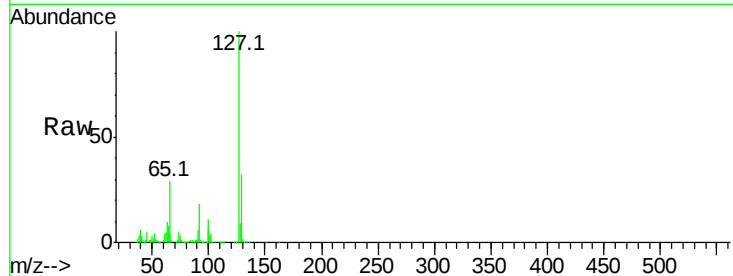




#33
4-Chloroaniline
Concen: 37.85 ng
RT: 11.02 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

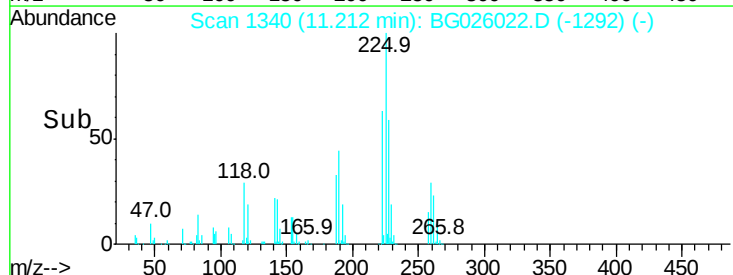
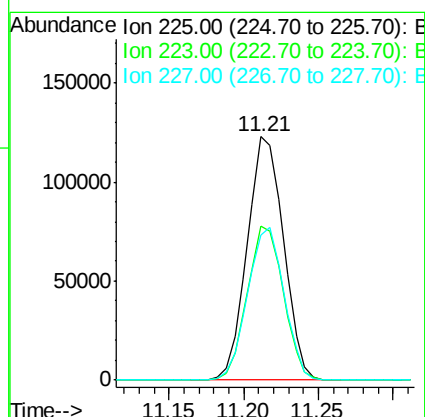
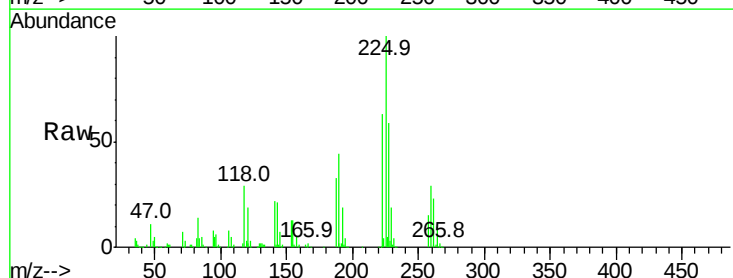
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

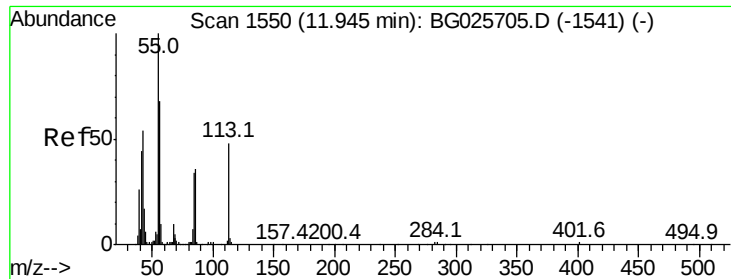
Tot Ion:	127	Resp:	444331
Ion	Ratio	Lower	Upper
127	100		
129	32.0	23.6	35.4
65	28.8	37.7	56.5#
92	17.9	17.6	26.4



#34
Hexachlorobutadiene
Concen: 44.74 ng
RT: 11.21 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion:	225	Resp:	206589
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	59.5	49.0	73.6





#35

Caprolactam

Concen: 38.99 ng

RT: 11.78 min Scan# 1437

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

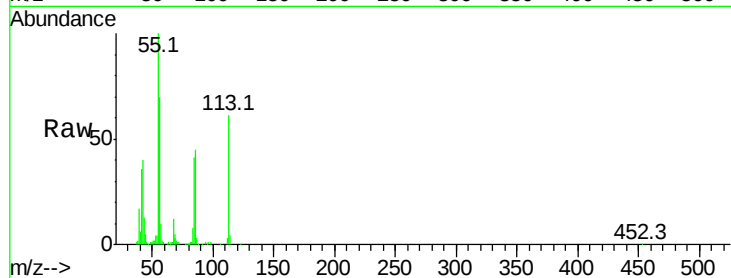
Tot Ion:113 Resp: 117478

Ion Ratio Lower Upper

113 100

55 163.8 198.6 238.6#

56 114.6 140.4 180.4#



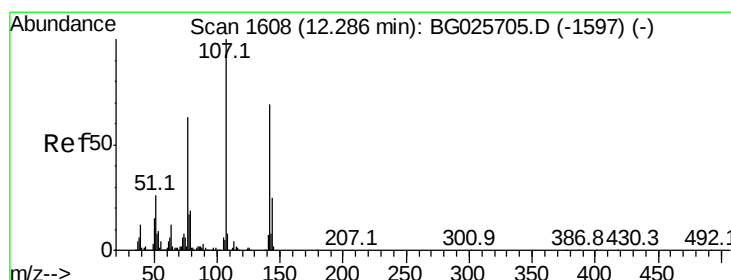
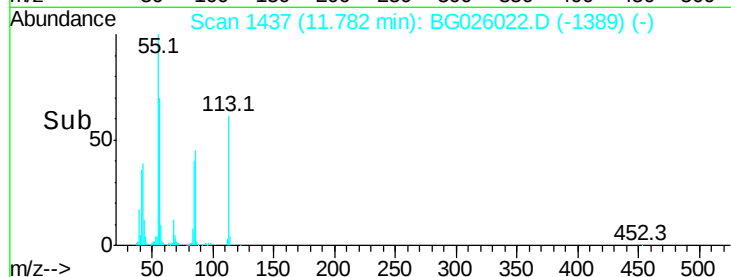
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

11.78

Time-->



#36

4-Chloro-3-methylphenol

Concen: 36.68 ng

RT: 12.13 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

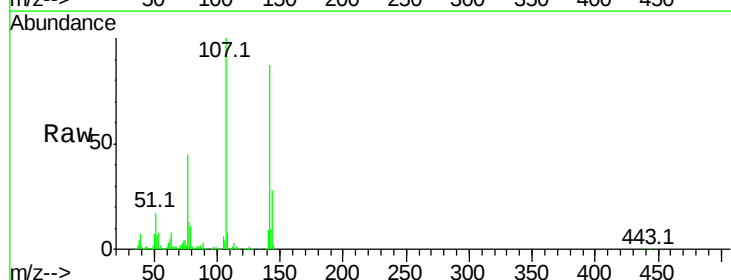
Tgt Ion:107 Resp: 327473

Ion Ratio Lower Upper

107 100

144 27.7 17.4 26.0#

142 87.0 54.1 81.1#



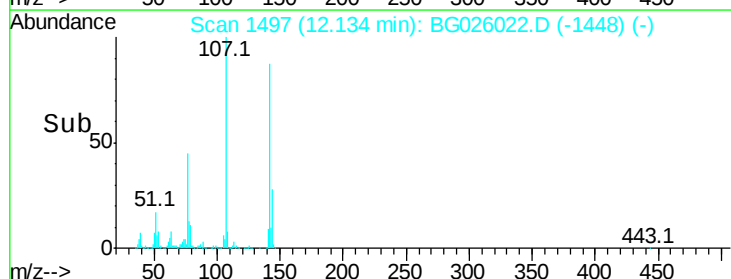
Abundance Ion 107.00 (106.70 to 107.70): E

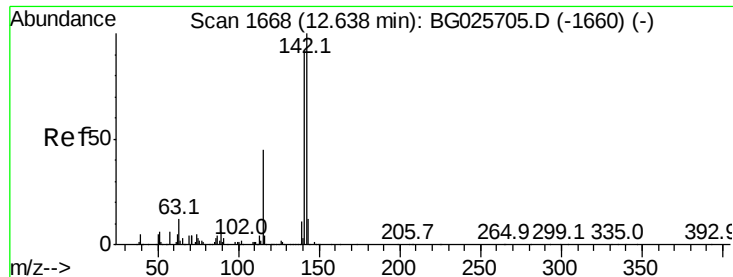
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

12.13

Time-->

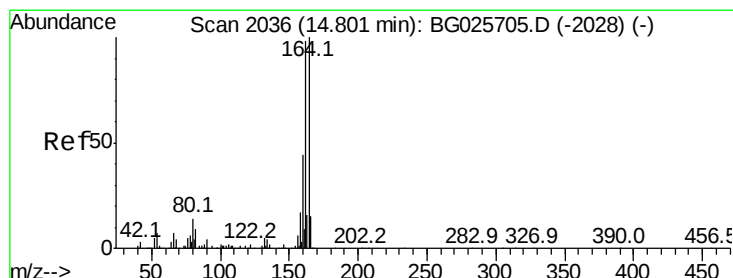
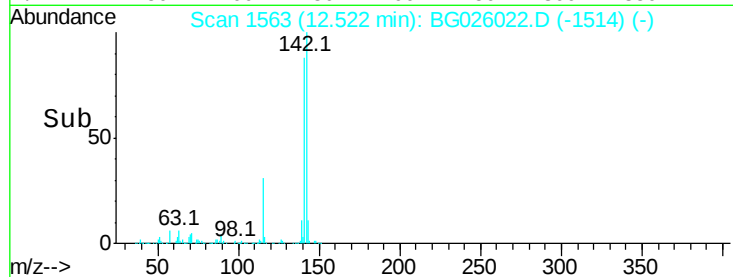
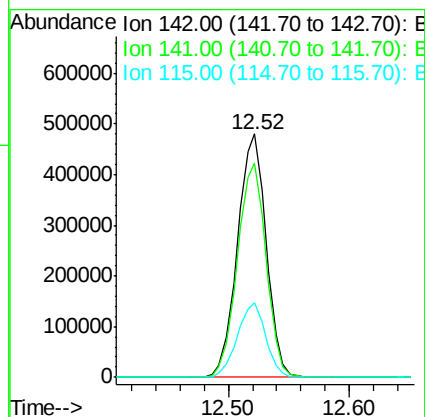
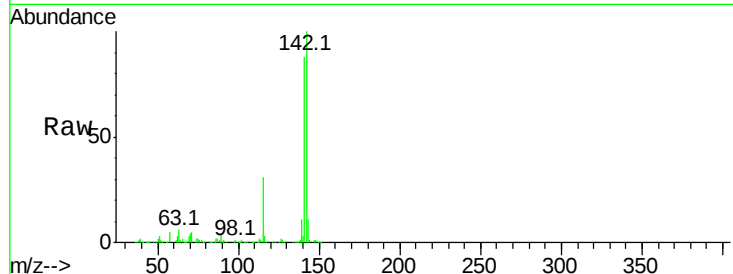




#37
2-Methylnaphthalene
Concen: 38.68 ng
RT: 12.52 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

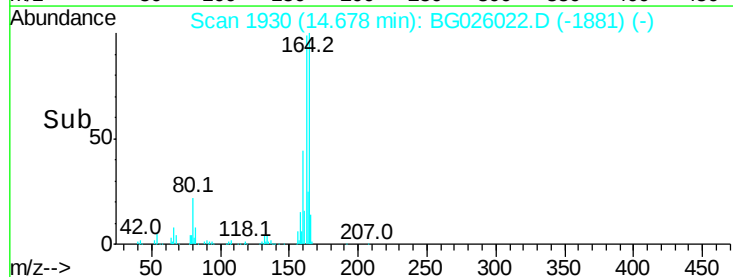
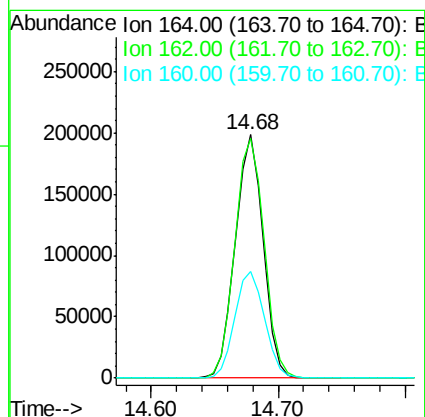
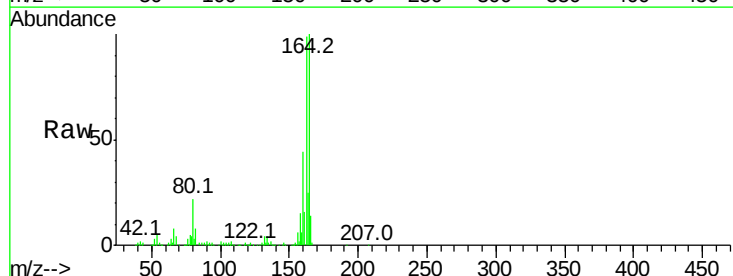
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

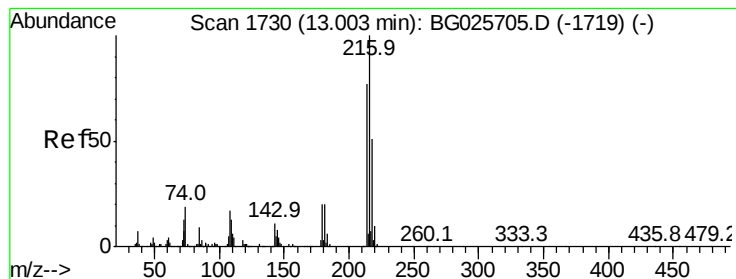
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	30.6	35.5	53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.68 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.5	85.1	127.7
160	43.8	34.7	52.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 49.23 ng

RT: 12.89 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 370706

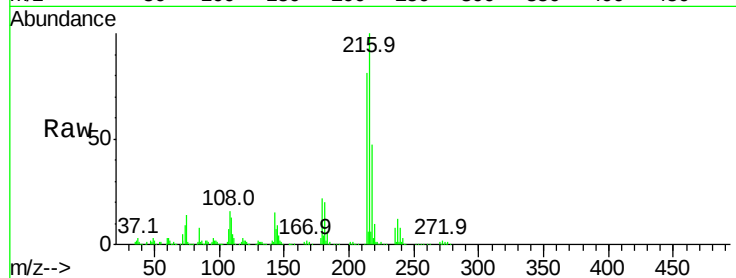
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	21.7	17.4	26.0
108	17.6	15.6	23.4

216 100

214 79.4 64.4 96.6

179 21.7 17.4 26.0

108 17.6 15.6 23.4

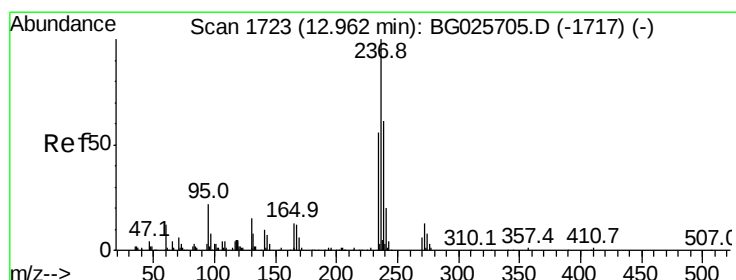
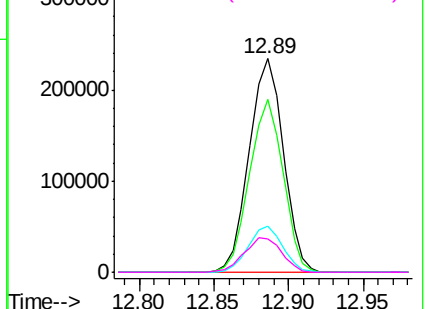
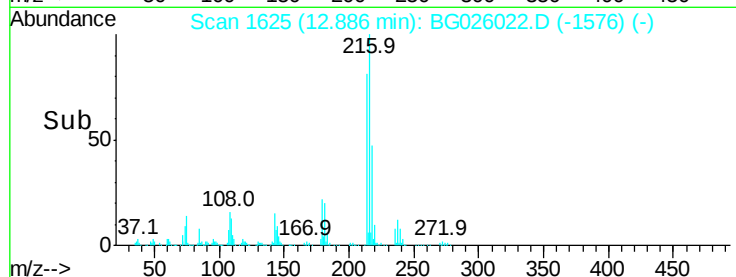


Abundance Ion 216.00 (215.70 to 216.70): E

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: 45.81 ng

RT: 12.87 min Scan# 1622

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

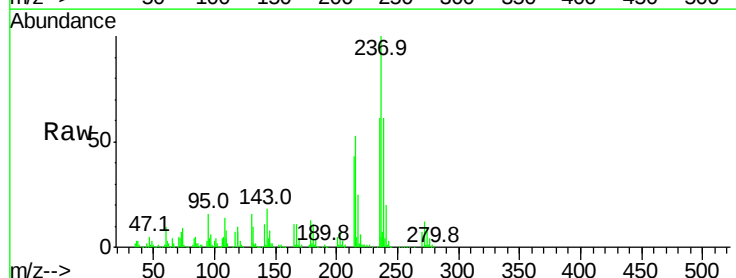
Tgt Ion:237 Resp: 188748

Ion	Ratio	Lower	Upper
237	100		
235	60.6	39.4	79.4
272	12.0	0.0	32.0

237 100

235 60.6 39.4 79.4

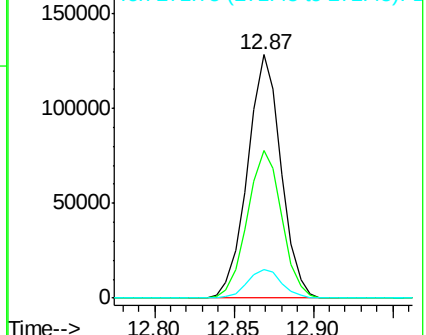
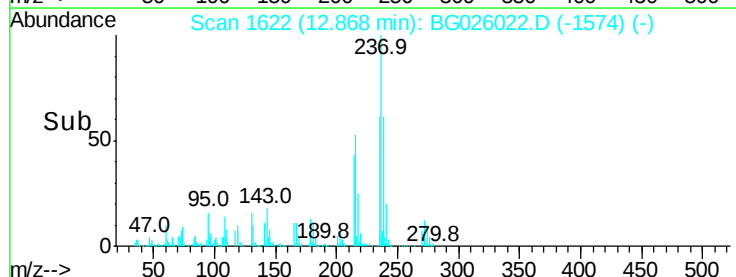
272 12.0 0.0 32.0

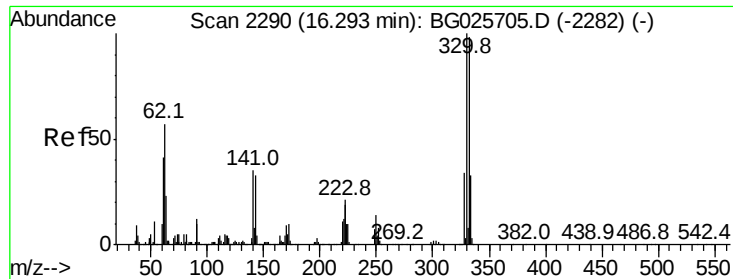


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

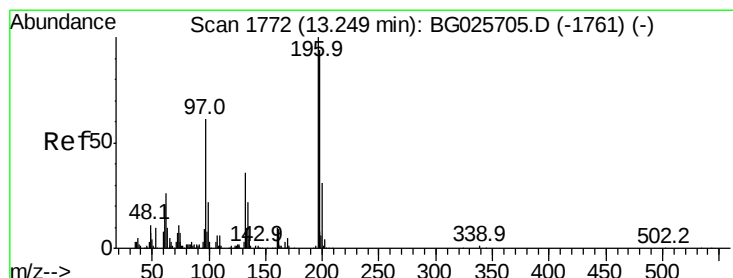
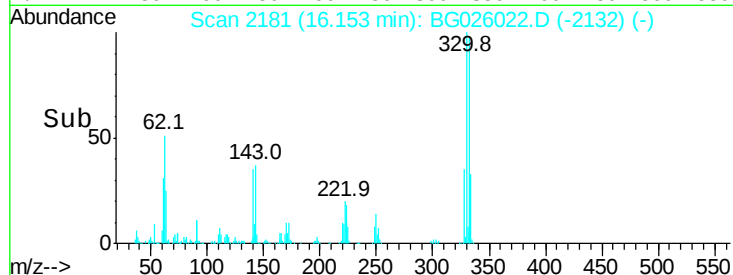
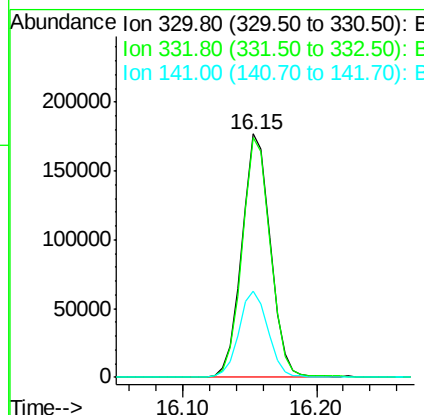
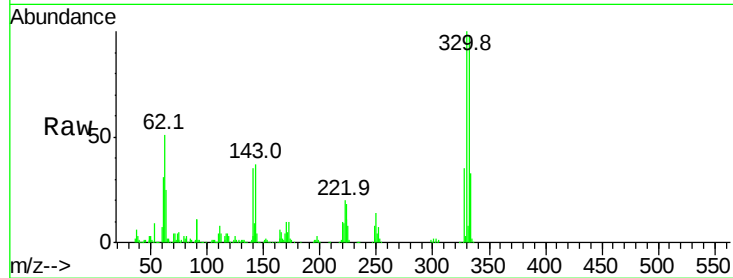




#41
 2,4,6-Tribromophenol
 Concen: 93.84 ng
 RT: 16.15 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

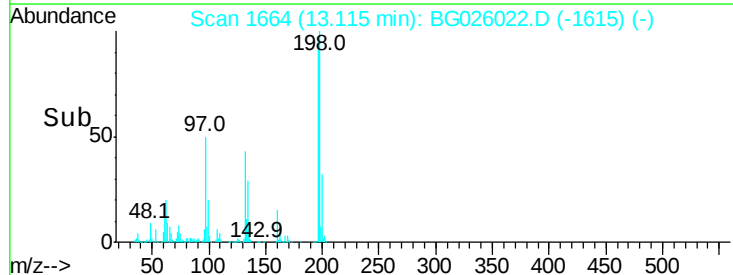
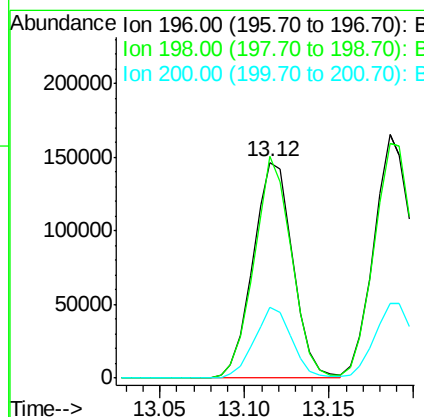
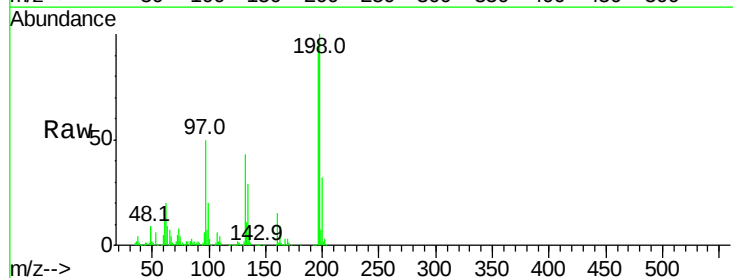
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

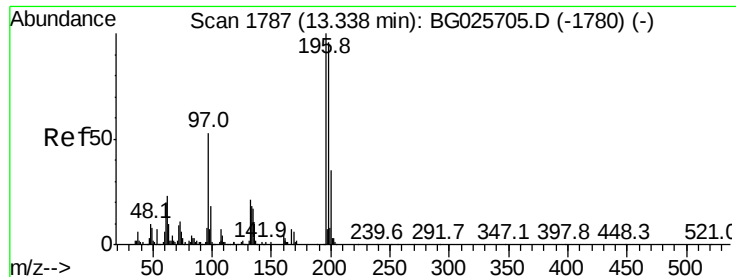
Tot Ion:330 Resp: 260474
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 35.8 32.1 48.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.30 ng
 RT: 13.12 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion:196 Resp: 239785
 Ion Ratio Lower Upper
 196 100
 198 102.9 81.4 122.2
 200 32.7 27.0 40.6

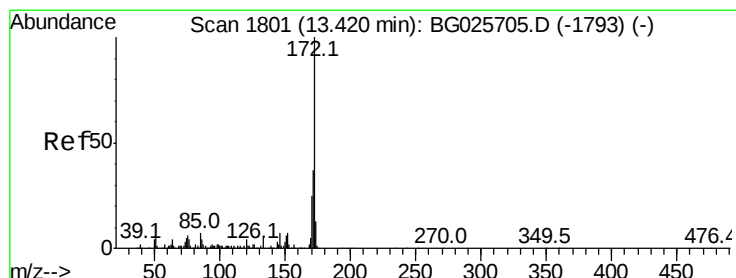
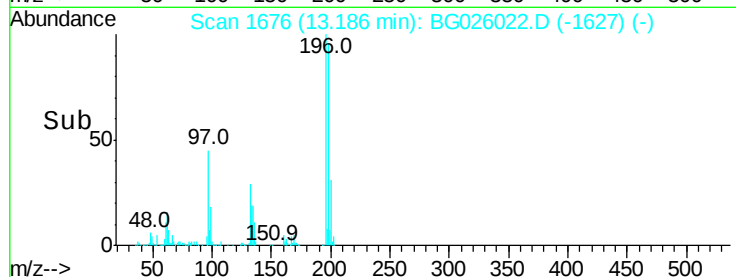
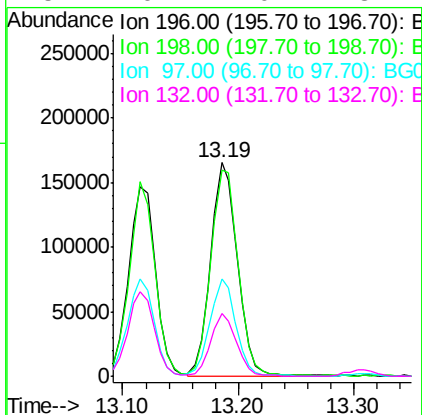
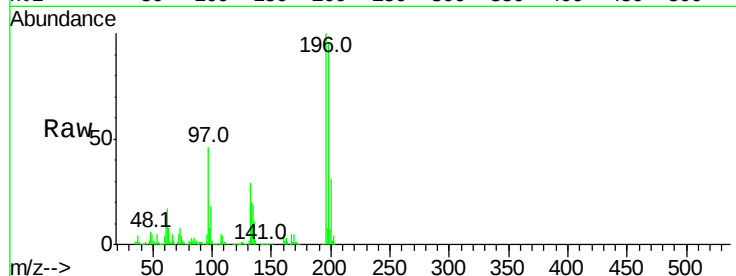




#43
2,4,5-Trichlorophenol
Concen: 48.02 ng
RT: 13.19 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

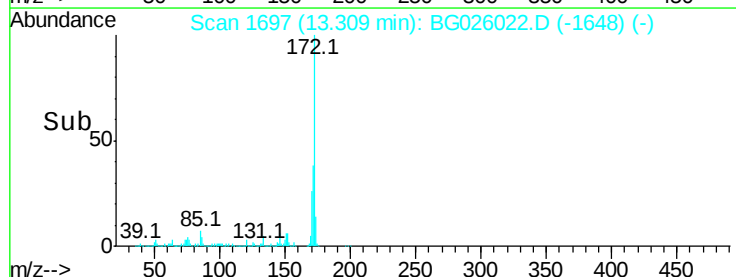
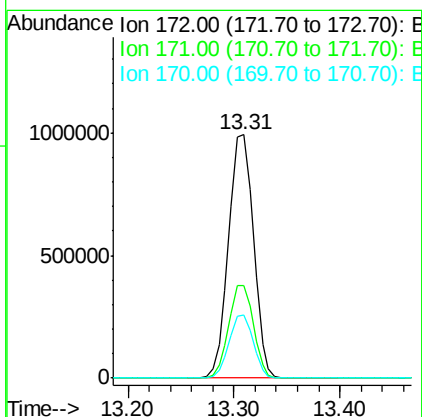
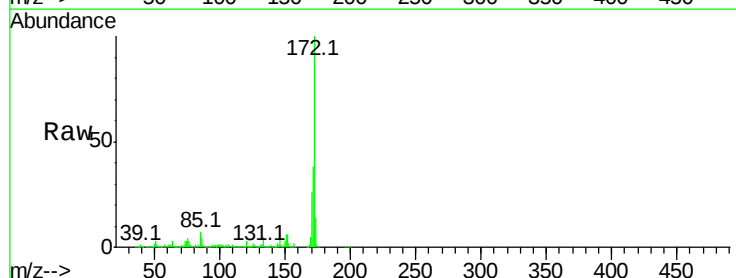
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

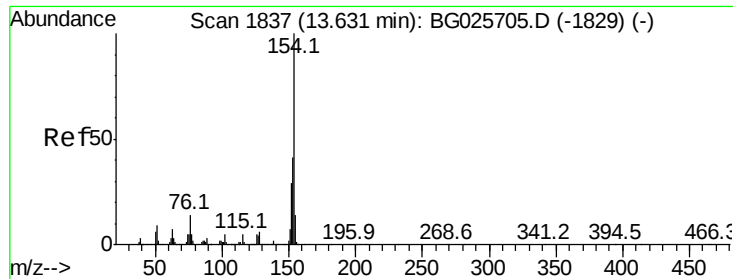
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.4	79.9	119.9
97	45.6	45.4	68.0
132	29.1	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 94.15 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	25.8	21.8	32.6





#45

1,1'-Biphenyl

Concen: 46.36 ng

RT: 13.51 min Scan# 1732

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

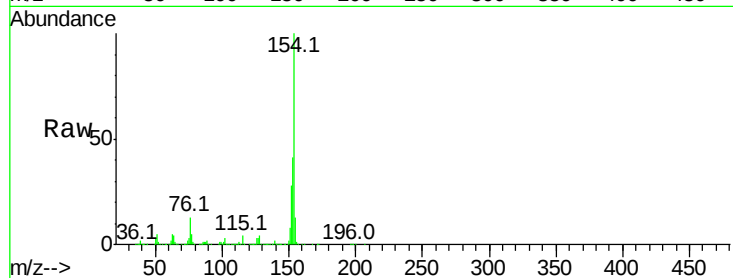
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:154 Resp: 1009359

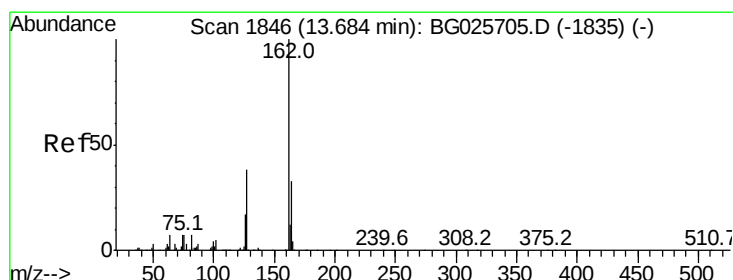
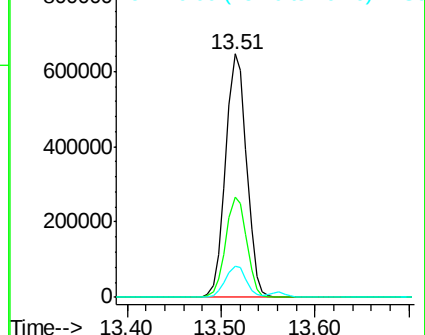
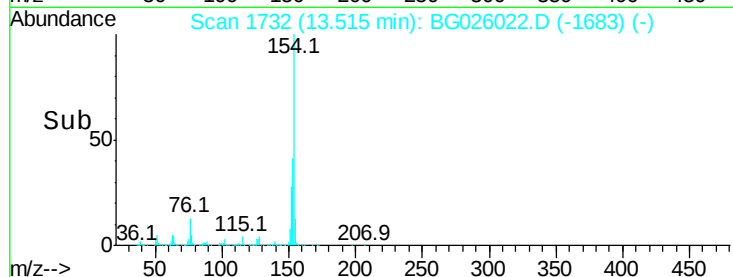
Ion	Ratio	Lower	Upper
154	100		
153	41.2	23.0	63.0
76	12.8	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 46.33 ng

RT: 13.56 min Scan# 1740

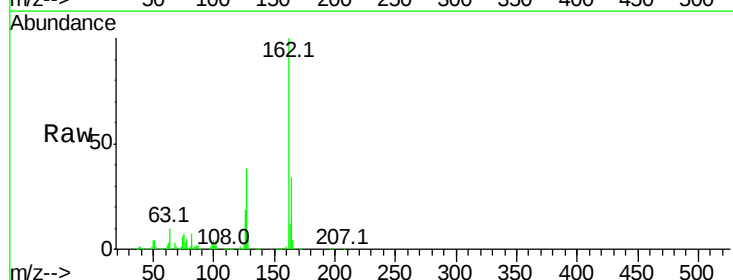
Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion:162 Resp: 729192

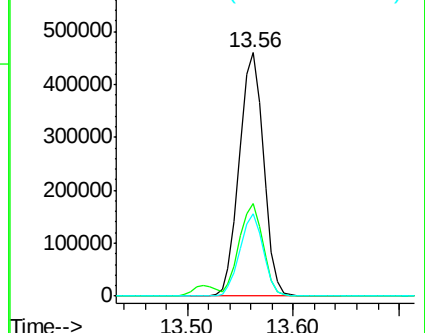
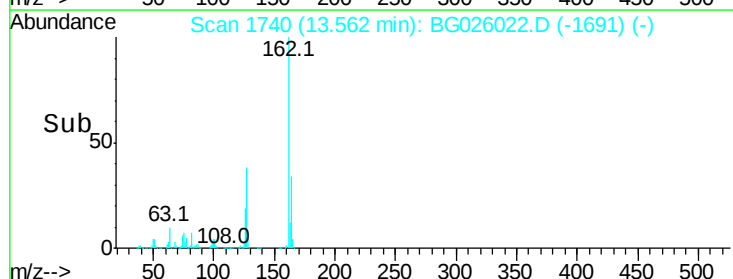
Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.2	48.4
164	34.0	27.3	40.9

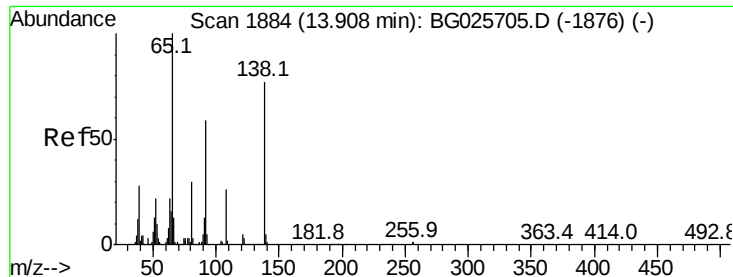


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 39.75 ng

RT: 13.75 min Scan# 1772

Delta R.T. -0.01 min

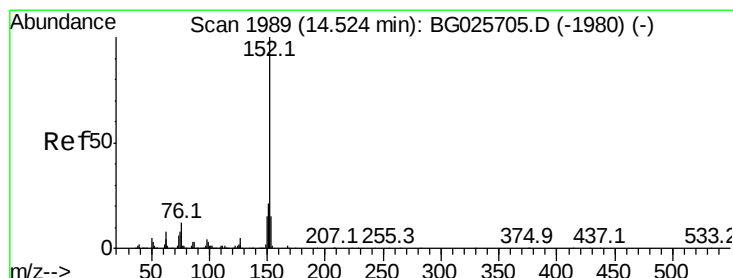
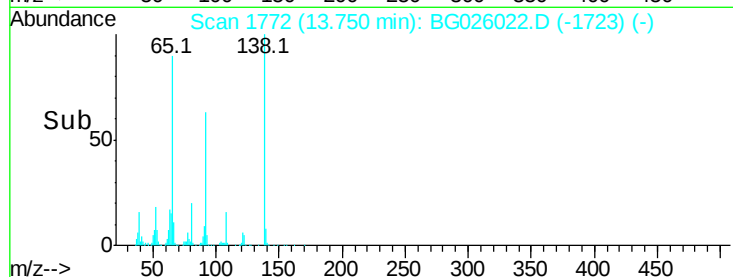
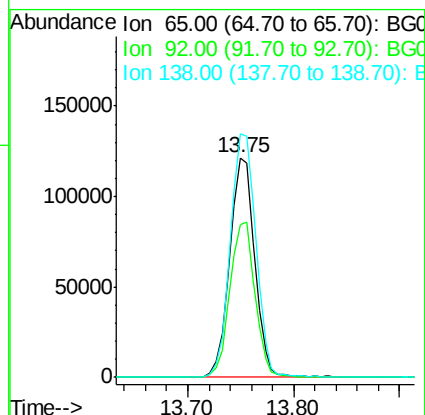
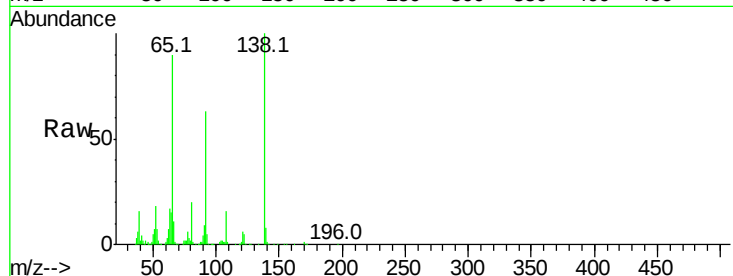
Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion: 65 Resp: 198431

Ion	Ratio	Lower	Upper
65	100		
92	69.5	49.0	73.4
138	111.0	58.6	87.8#



#48

Acenaphthylene

Concen: 46.08 ng

RT: 14.40 min Scan# 1883

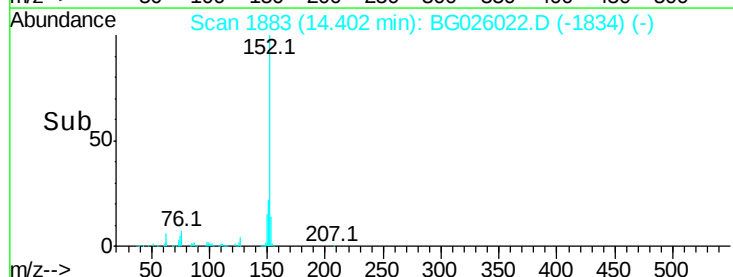
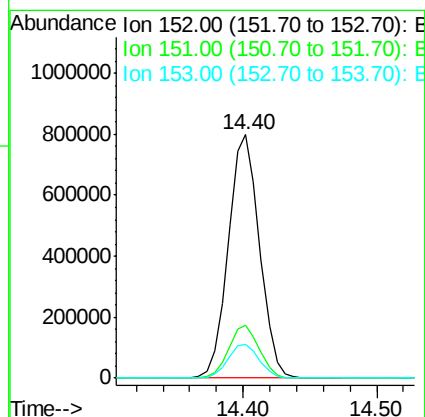
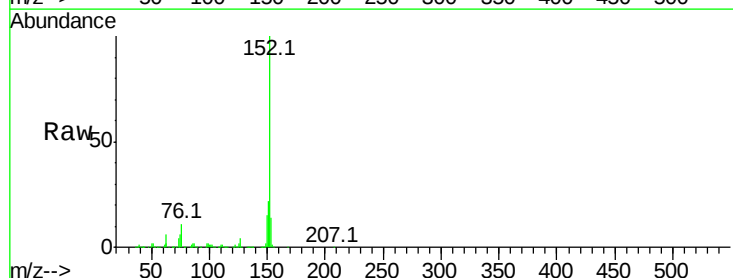
Delta R.T. -0.01 min

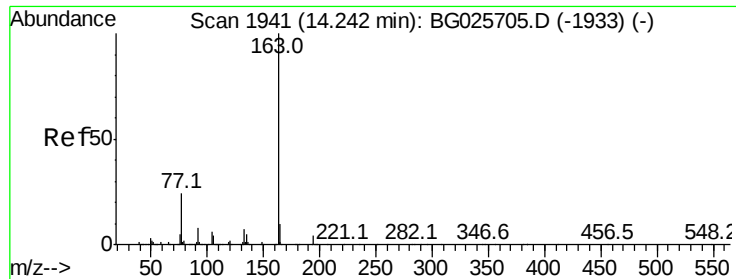
Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion: 152 Resp: 1291335

Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.2	27.2
153	13.9	11.3	16.9





#49

Dimethylphthalate

Concen: 44.99 ng

RT: 14.13 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

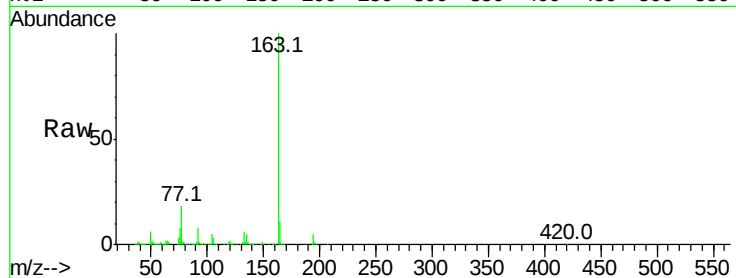
Tot Ion:163 Resp: 927411

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.6

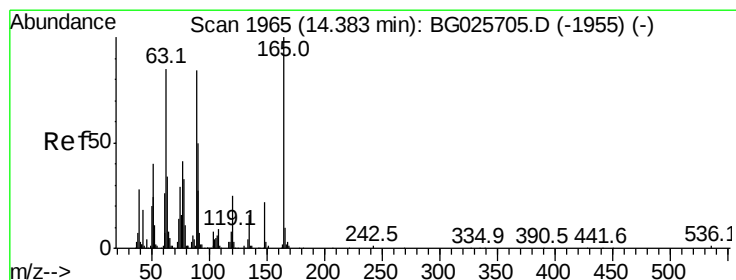
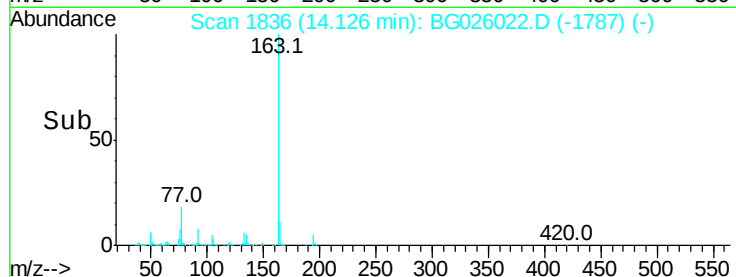
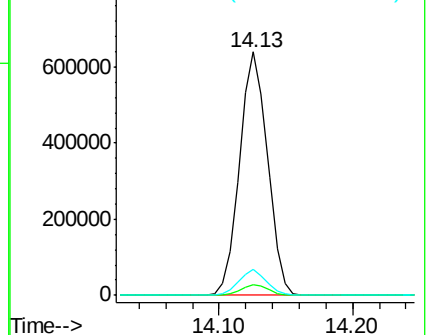
164 10.8 9.3 13.9



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: 42.88 ng

RT: 14.24 min Scan# 1856

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

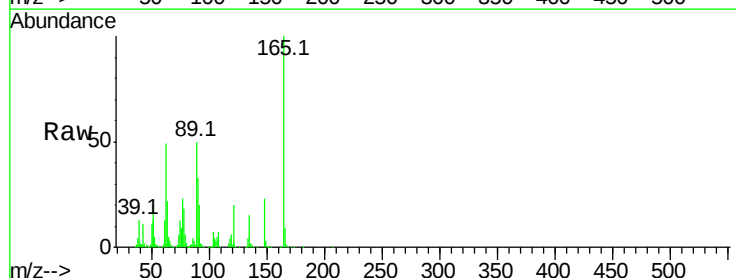
Tgt Ion:165 Resp: 198528

Ion Ratio Lower Upper

165 100

63 48.8 63.9 95.9#

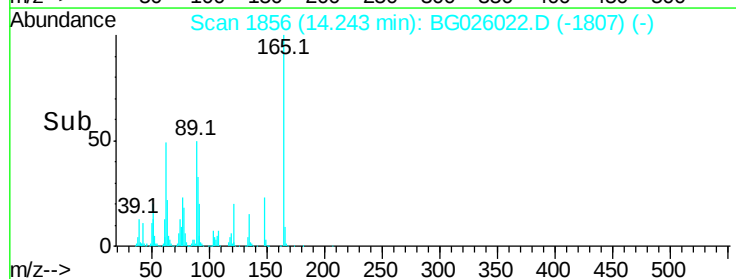
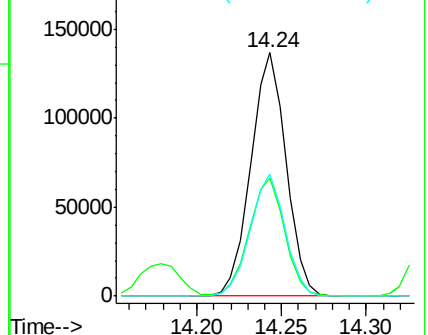
89 50.1 58.6 88.0#

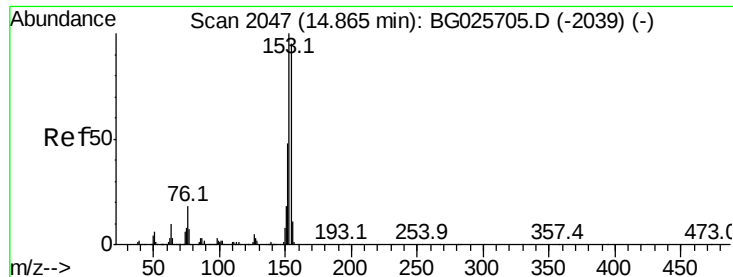


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 44.22 ng

RT: 14.74 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

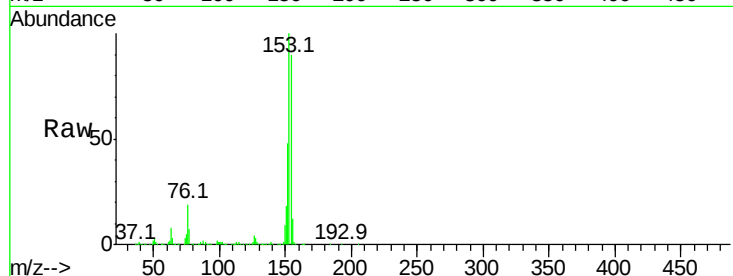
Tot Ion:154 Resp: 818383

Ion Ratio Lower Upper

154 100

153 111.1 87.8 131.6

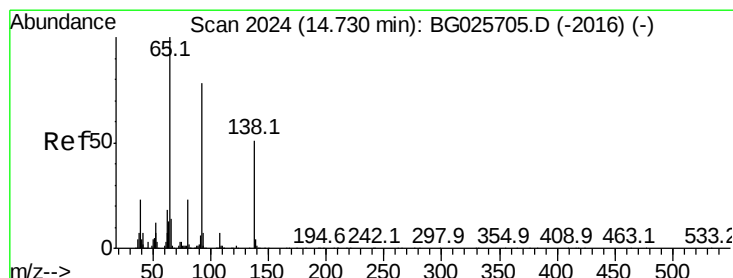
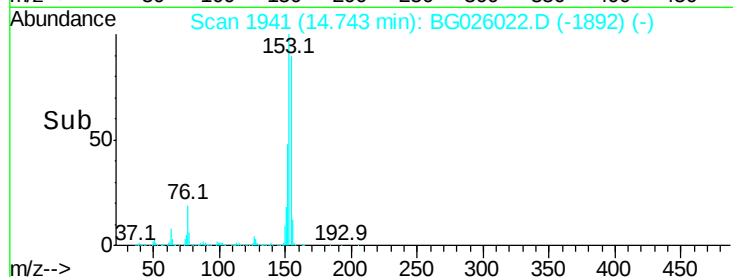
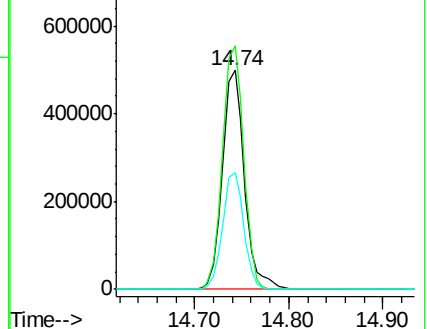
152 53.5 42.2 63.4



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: 41.00 ng

RT: 14.57 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

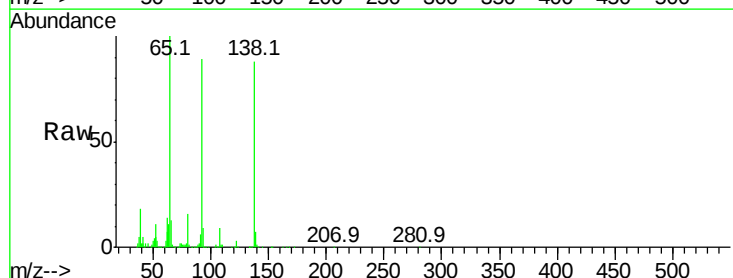
Tgt Ion:138 Resp: 212349

Ion Ratio Lower Upper

138 100

108 10.0 10.9 16.3#

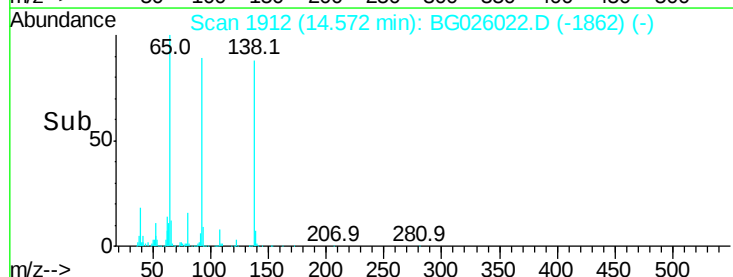
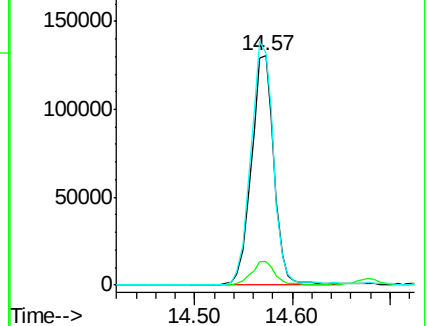
92 101.3 115.3 172.9#

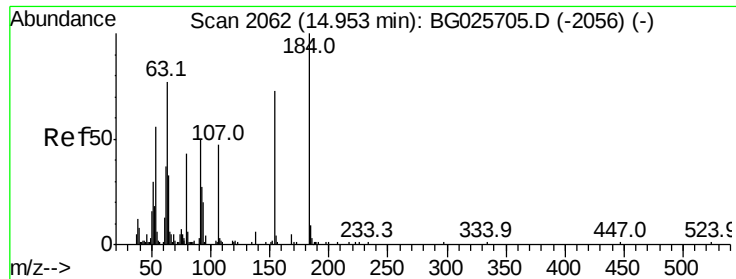


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

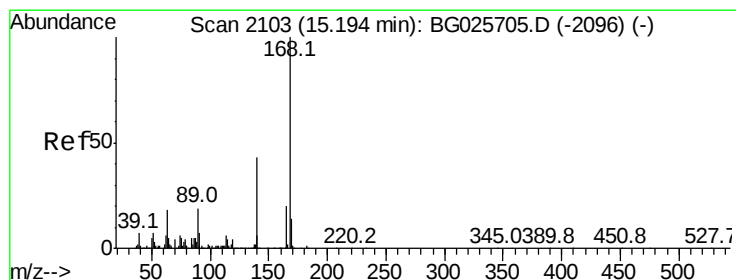
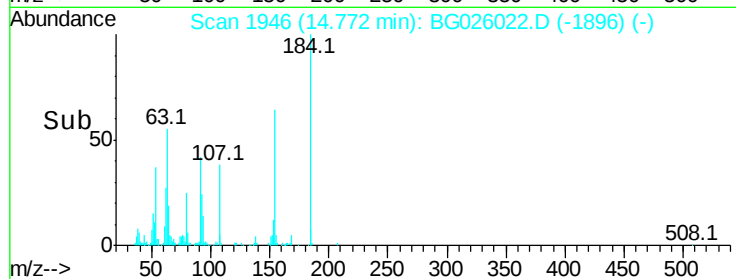
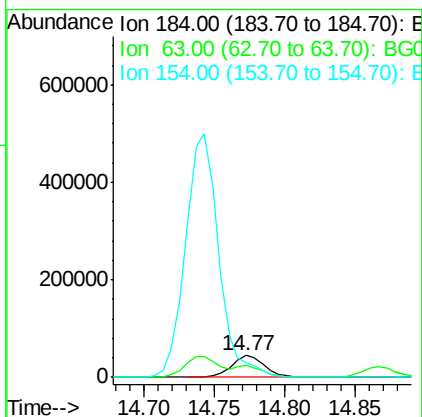
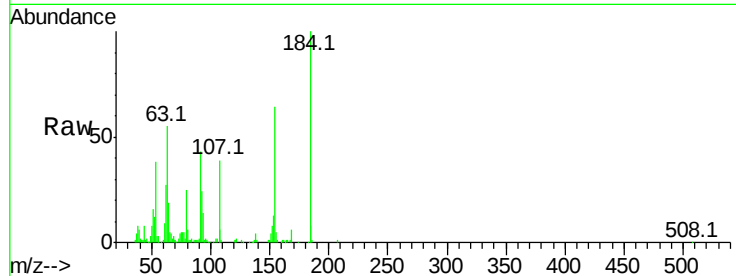




#53
2,4-Dinitrophenol
Concen: 29.49 ng
RT: 14.77 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

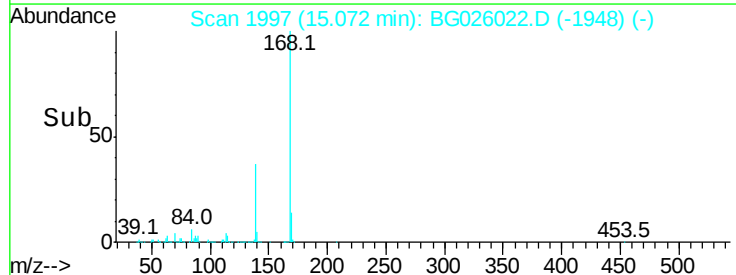
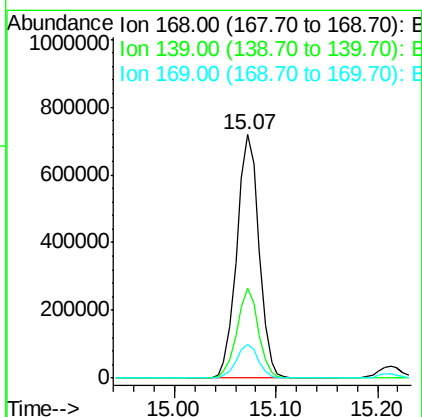
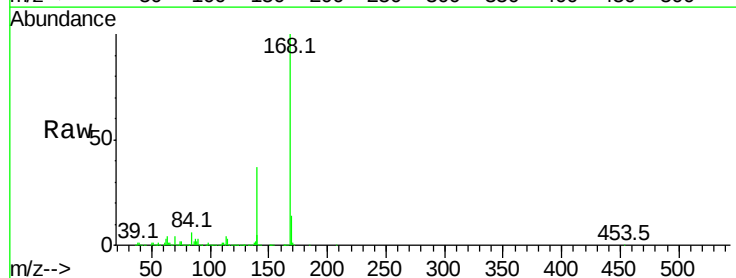
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

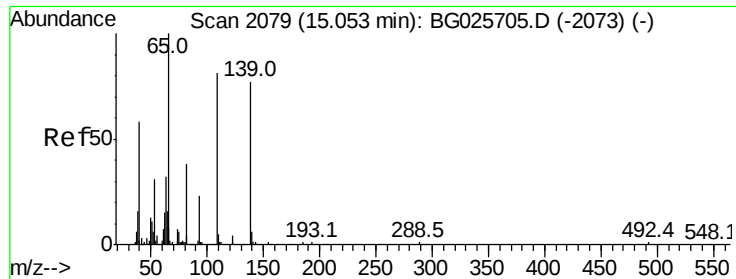
Tot Ion:184 Resp: 71446
Ion Ratio Lower Upper
184 100
63 55.4 52.7 79.1
154 64.2 57.3 85.9



#54
Dibenzofuran
Concen: 44.27 ng
RT: 15.07 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion:168 Resp: 1092489
Ion Ratio Lower Upper
168 100
139 36.9 35.3 52.9
169 13.9 11.5 17.3

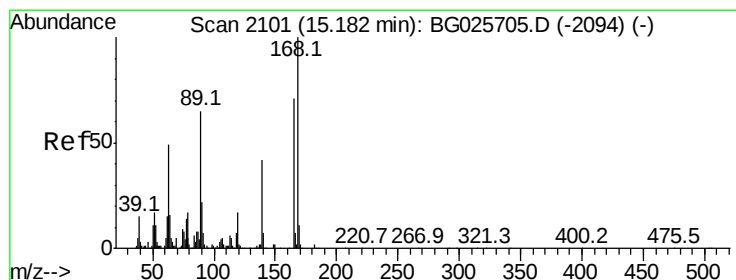
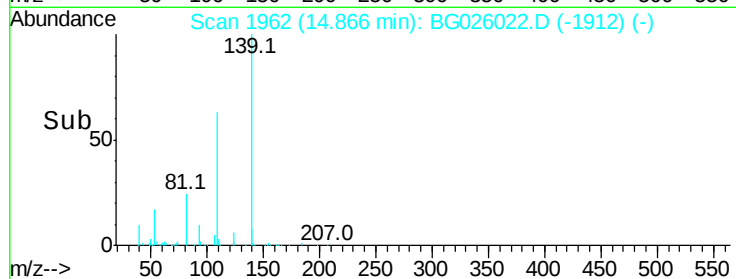
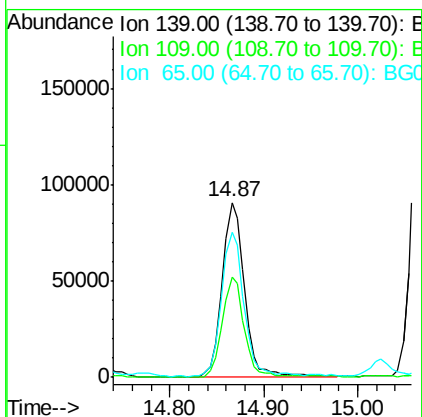
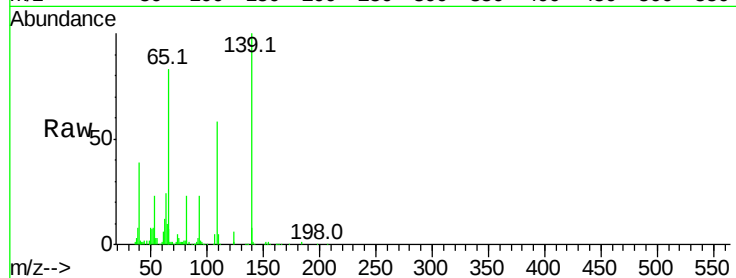




#55
4-Nitrophenol
Concen: 36.23 ng
RT: 14.87 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

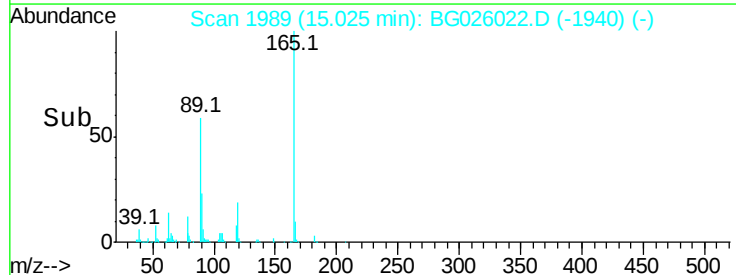
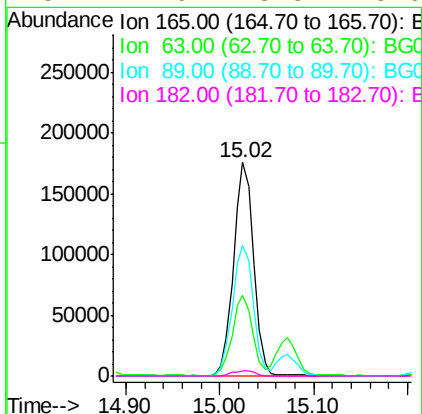
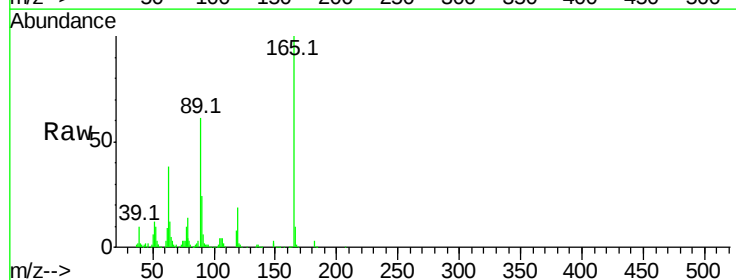
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

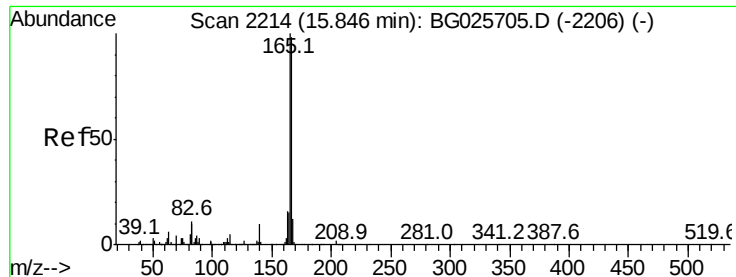
Tot Ion:139 Resp: 152710
Ion Ratio Lower Upper
139 100
109 57.6 101.2 141.2#
65 82.8 135.3 175.3#



#56
2,4-Dinitrotoluene
Concen: 41.81 ng
RT: 15.02 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion:165 Resp: 260410
Ion Ratio Lower Upper
165 100
63 37.9 44.0 66.0#
89 60.9 67.3 100.9#
182 2.6 3.8 5.6#





#57

Fluorene

Concen: 44.48 ng

RT: 15.72 min Scan# 2107

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

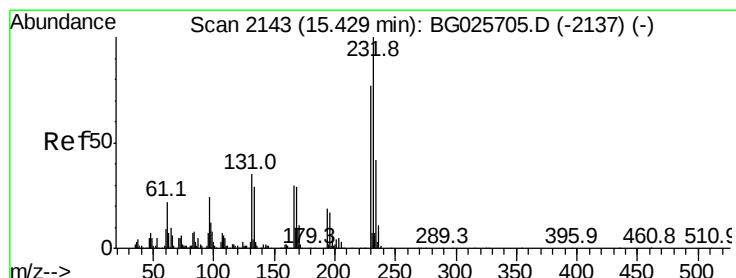
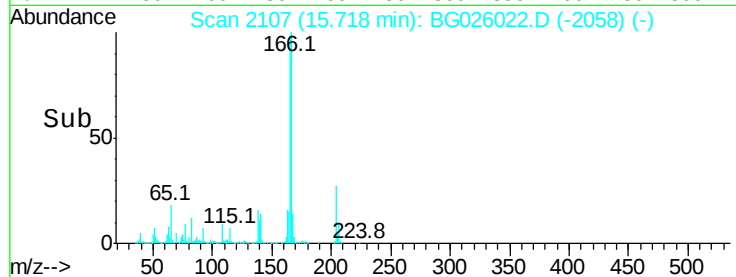
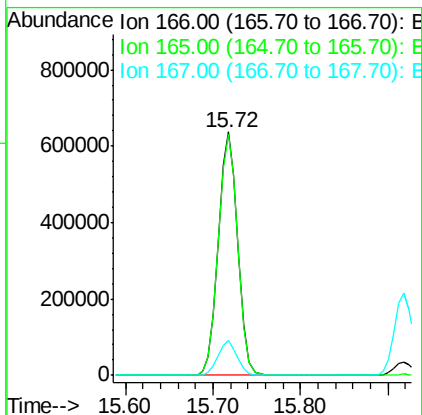
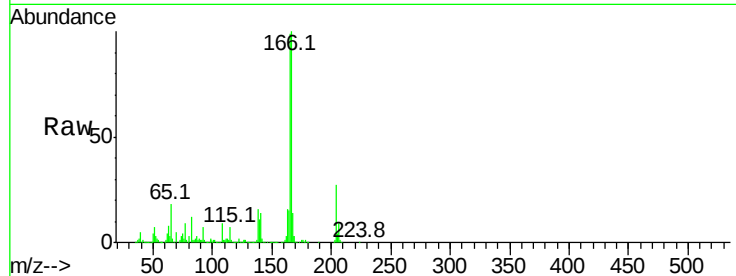
Tot Ion:166 Resp: 980698

Ion Ratio Lower Upper

166 100

165 98.9 78.6 117.8

167 14.1 11.6 17.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.03 ng

RT: 15.30 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion:232 Resp: 224189

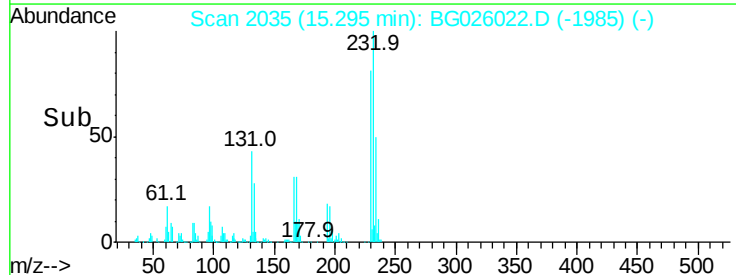
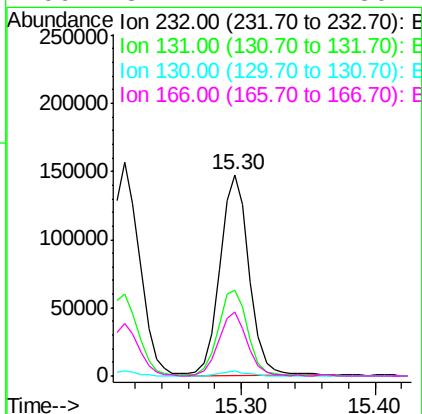
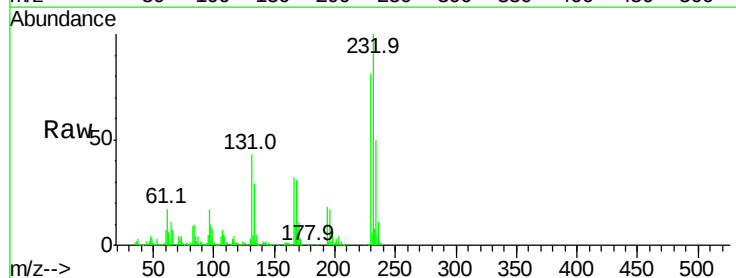
Ion Ratio Lower Upper

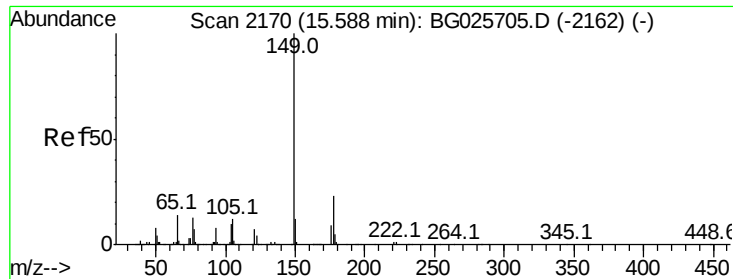
232 100

131 43.5 34.9 52.3

130 2.4 2.3 3.5

166 31.1 24.2 36.4





#59

Diethylphthalate

Concen: 44.66 ng

RT: 15.48 min Scan# 2067

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

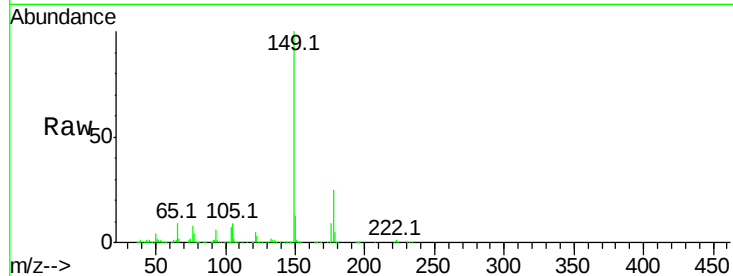
Tot Ion:149 Resp: 952115

Ion Ratio Lower Upper

149 100

177 25.0 20.1 30.1

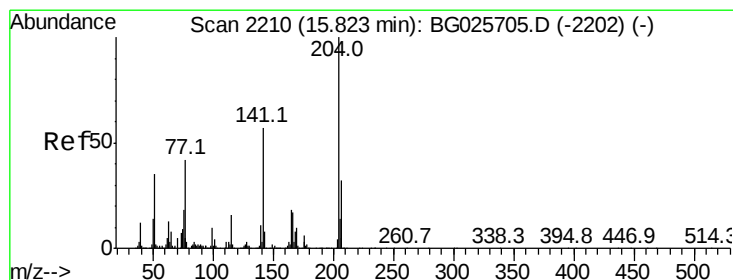
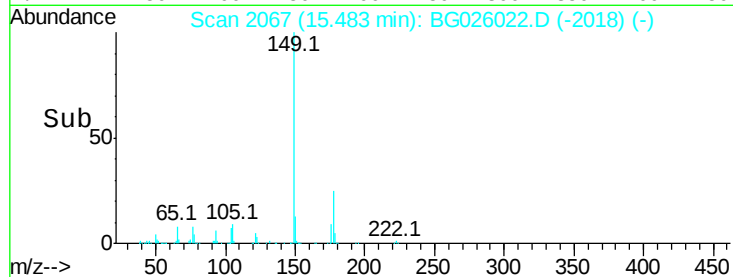
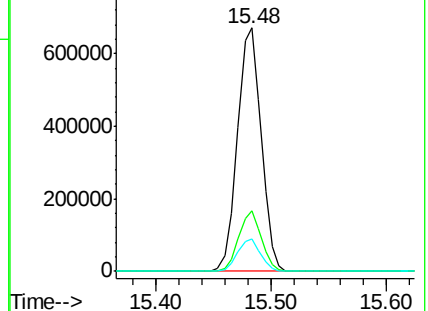
150 13.1 10.2 15.2



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: 45.69 ng

RT: 15.71 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

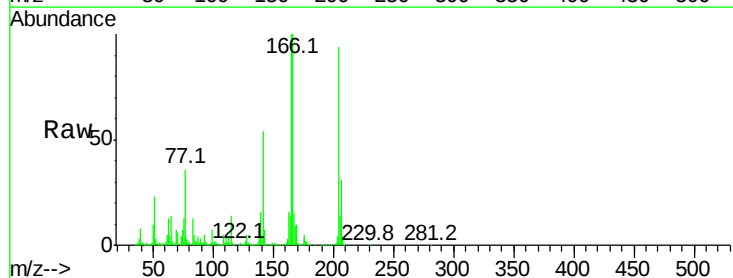
Tgt Ion:204 Resp: 466786

Ion Ratio Lower Upper

204 100

206 33.3 30.1 45.1

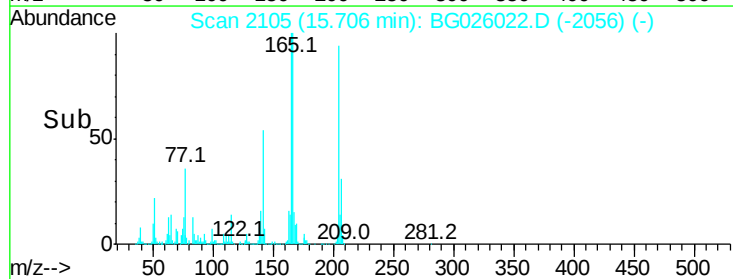
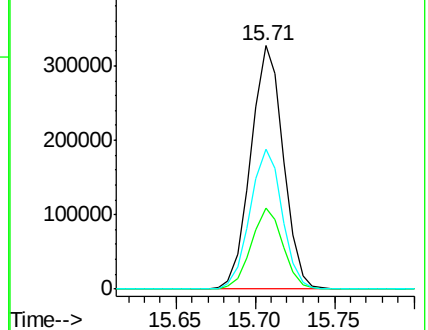
141 57.4 50.6 76.0

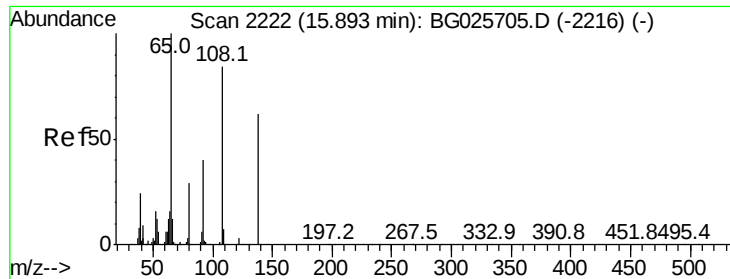


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

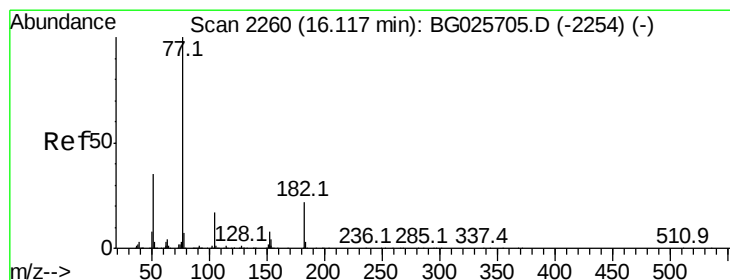
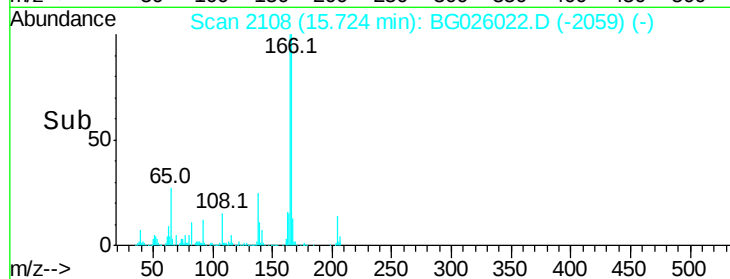
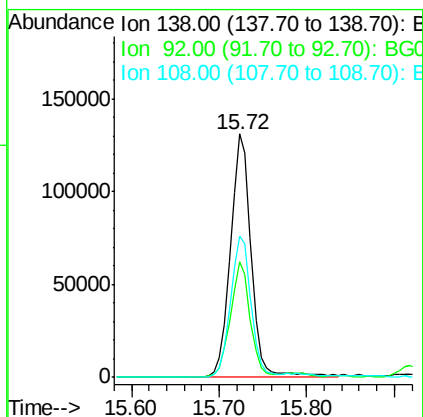
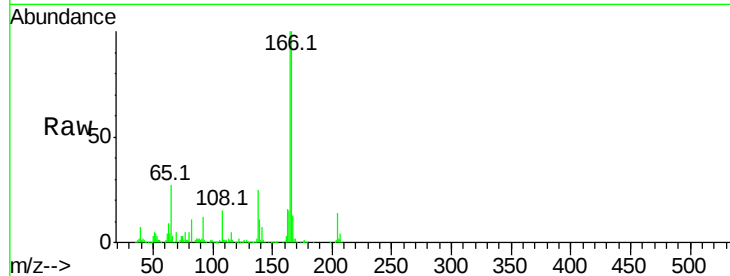




#61
4-Nitroaniline
Concen: 39.66 ng
RT: 15.72 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

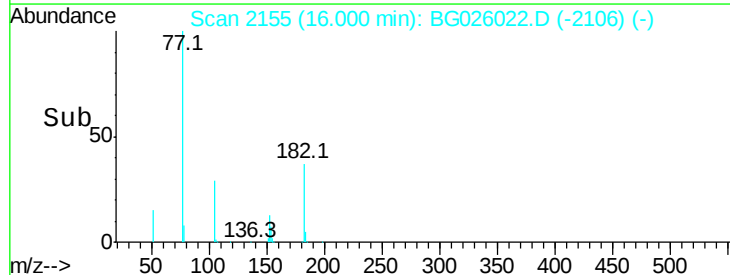
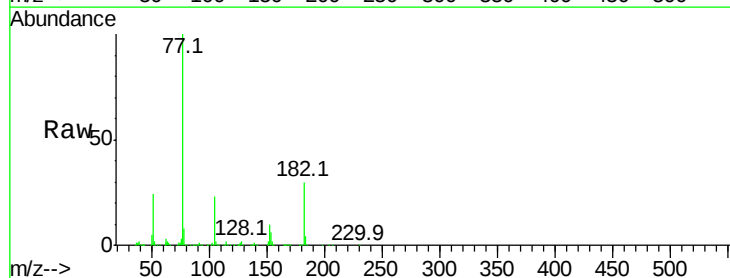
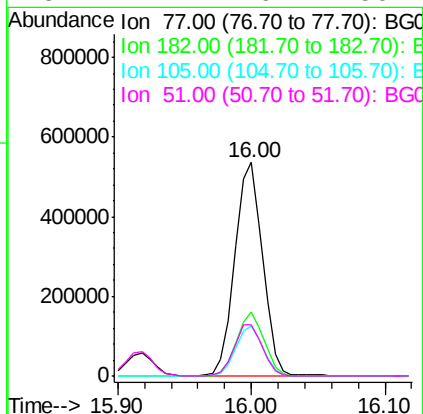
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

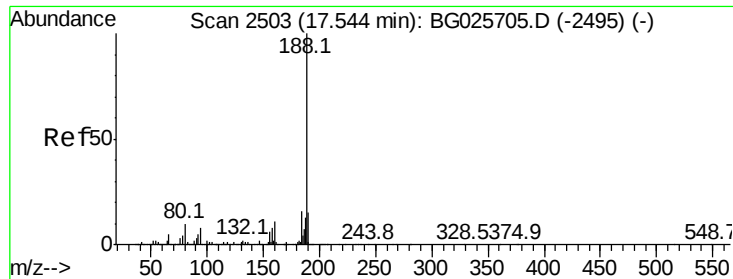
Tot Ion:138 Resp: 212912
Ion Ratio Lower Upper
138 100
92 47.5 44.2 84.2
108 58.1 104.8 144.8#



#62
Azobenzene
Concen: 42.04 ng
RT: 16.00 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion: 77 Resp: 770420
Ion Ratio Lower Upper
77 100
182 30.1 4.7 44.7
105 23.2 0.0 36.3
51 24.2 16.4 56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

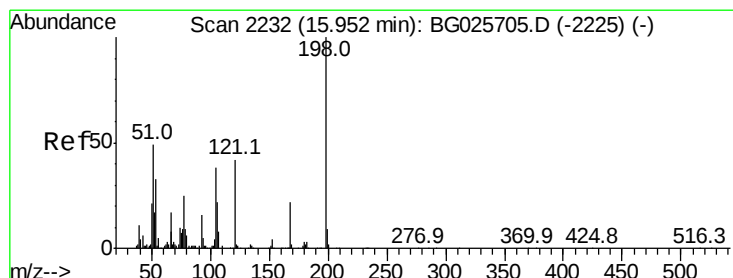
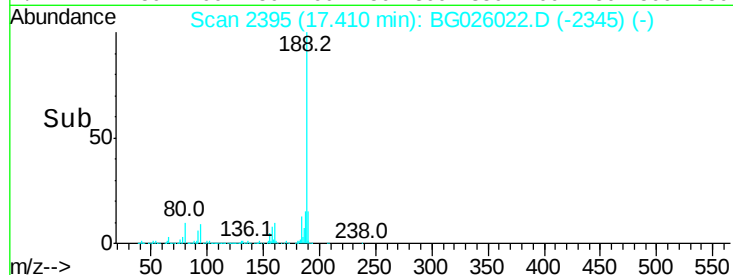
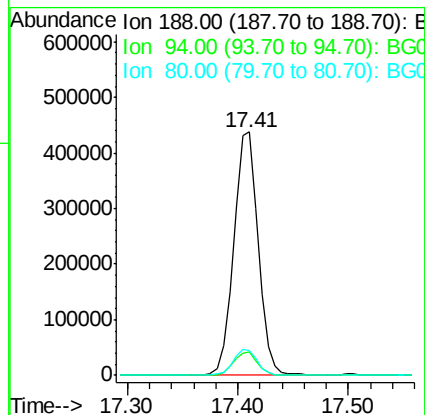
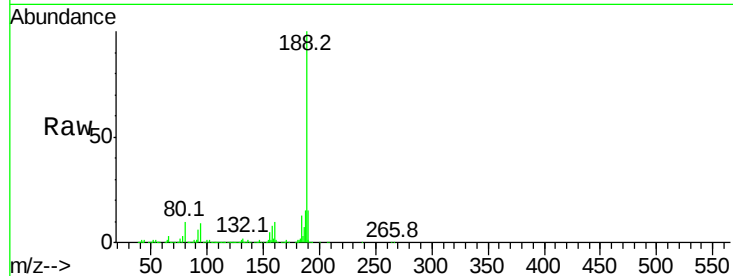
Tot Ion:188 Resp: 680382

Ion Ratio Lower Upper

188 100

94 9.4 5.8 8.8#

80 10.2 7.5 11.3



#64

4,6-Dinitro-2-methylphenol

Concen: 31.85 ng

RT: 15.79 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

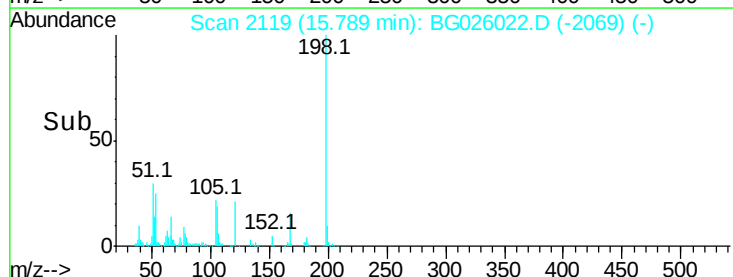
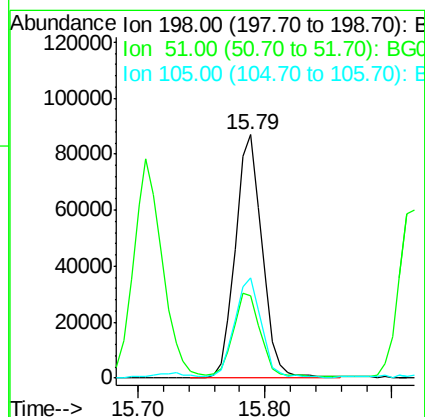
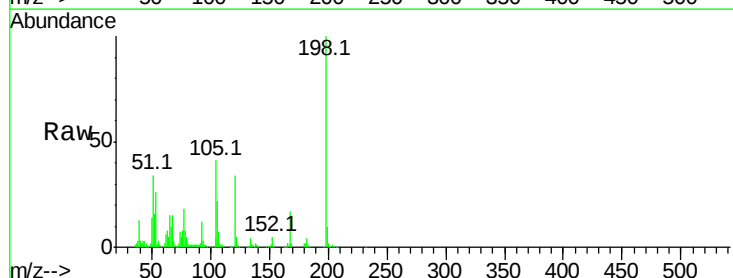
Tgt Ion:198 Resp: 126804

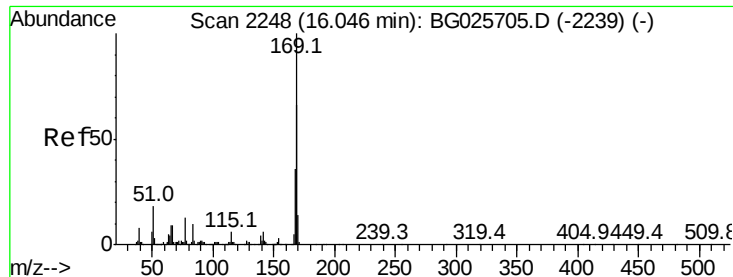
Ion Ratio Lower Upper

198 100

51 34.0 22.6 62.6

105 41.0 14.4 54.4





#65

n-Nitrosodiphenylamine

Concen: 39.88 ng

RT: 15.92 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

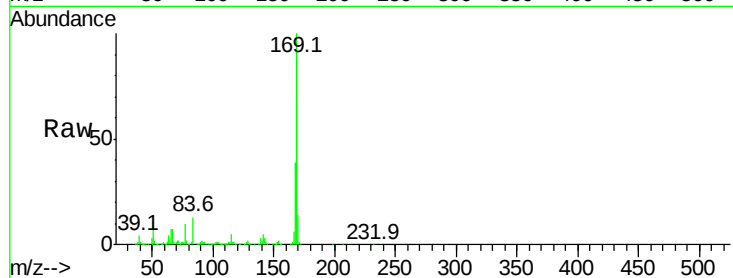
Tot Ion:169 Resp: 822835

Ion	Ratio	Lower	Upper
169	100		
168	70.4	55.7	83.5
167	38.6	29.8	44.6

169 100

168 70.4 55.7 83.5

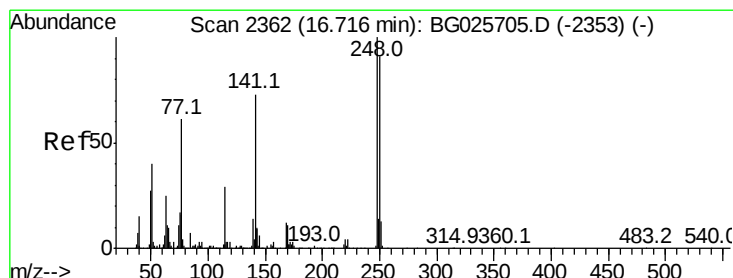
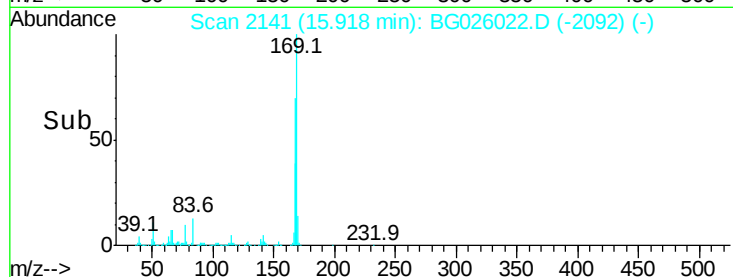
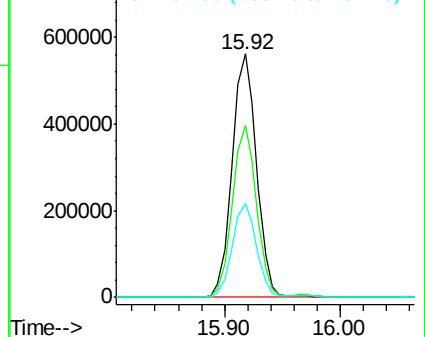
167 38.6 29.8 44.6



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.98 ng

RT: 16.60 min Scan# 2257

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

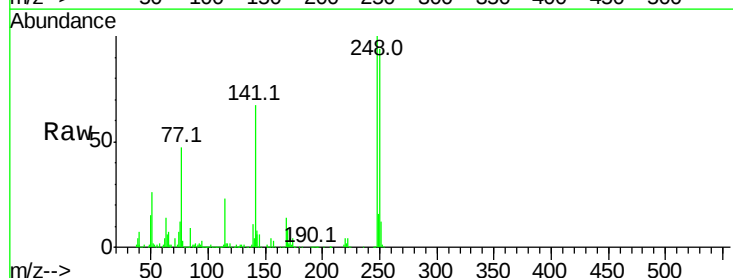
Tgt Ion:248 Resp: 299342

Ion	Ratio	Lower	Upper
248	100		
250	93.9	75.0	112.6
141	67.2	55.2	82.8

248 100

250 93.9 75.0 112.6

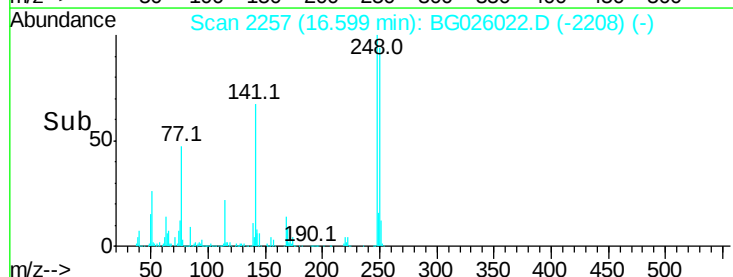
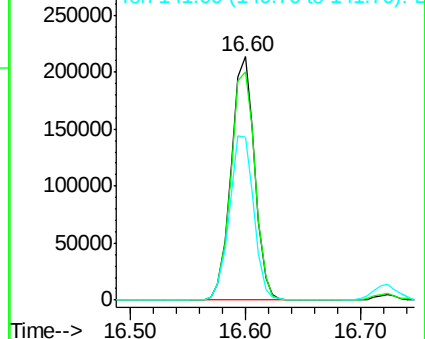
141 67.2 55.2 82.8

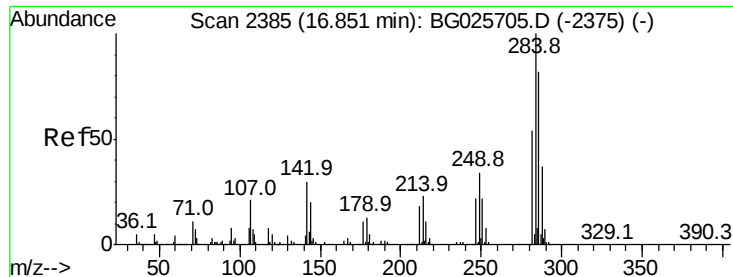


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

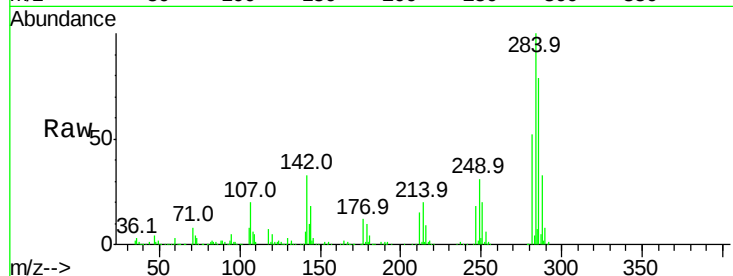




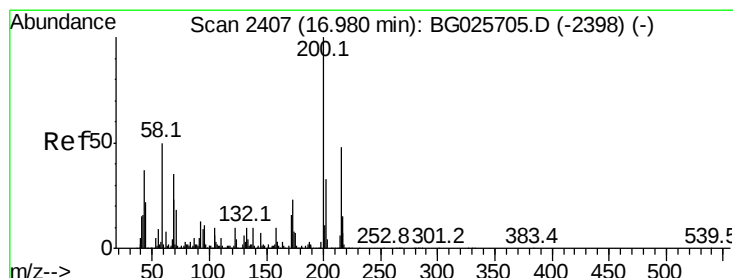
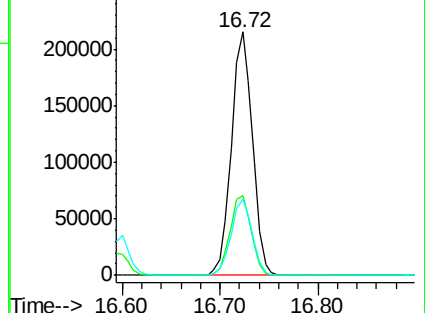
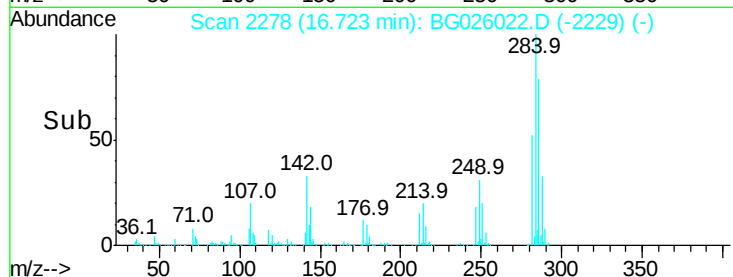
#67
Hexachlorobenzene
Concen: 43.66 ng
RT: 16.72 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
284	100		
142	32.6	29.9	44.9
249	31.0	29.2	43.8

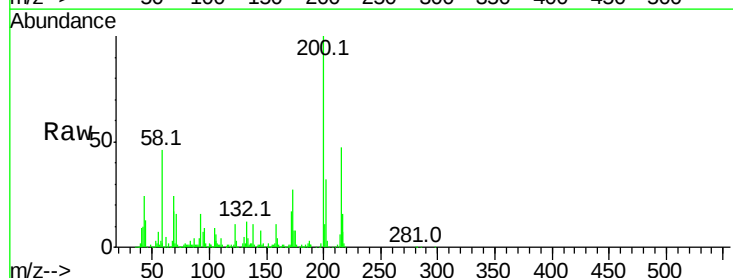


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

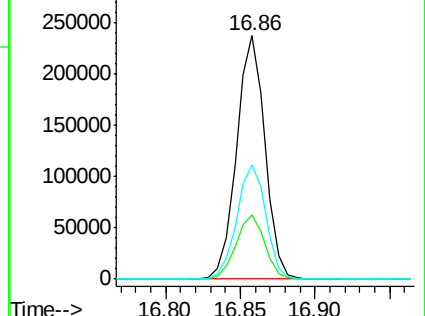
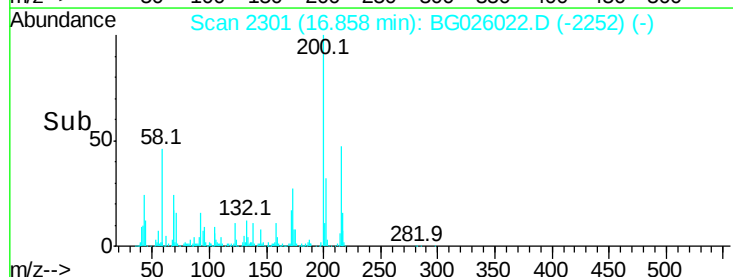


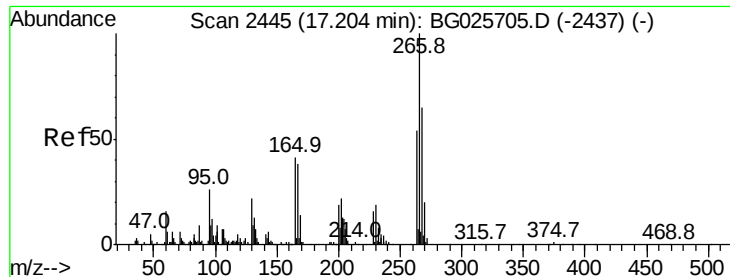
#68
Atrazine
Concen: 43.12 ng
RT: 16.86 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.7	3.0	43.0
215	46.7	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

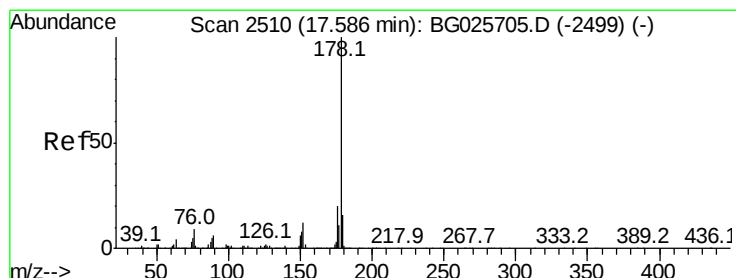
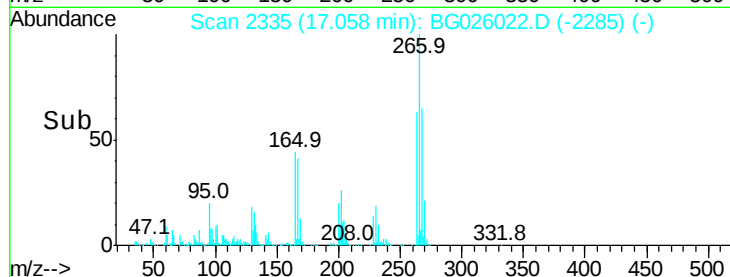
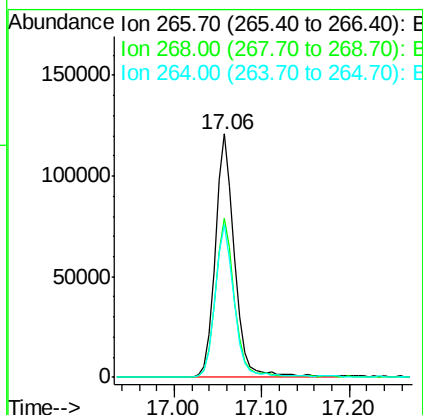
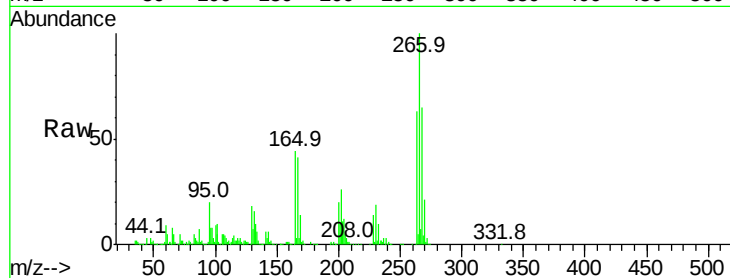




#69
 Pentachlorophenol
 Concen: 40.91 ng
 RT: 17.06 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

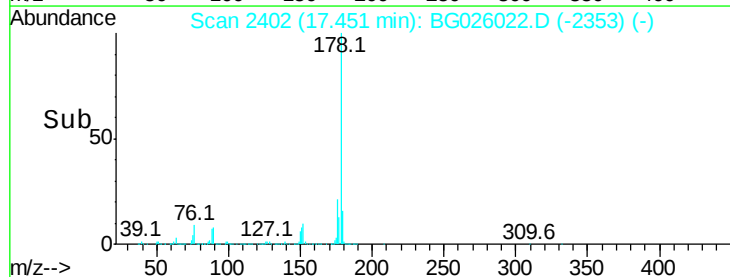
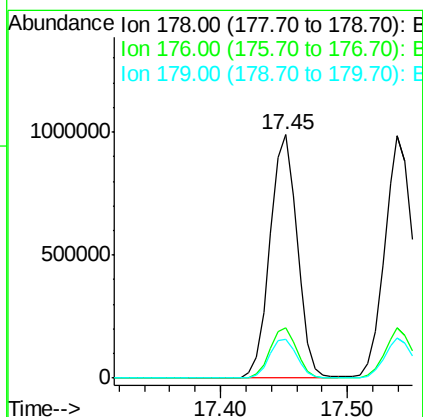
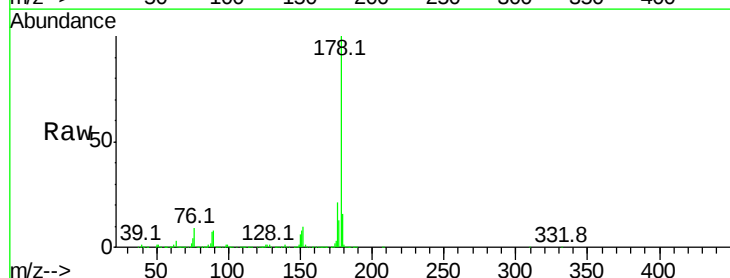
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

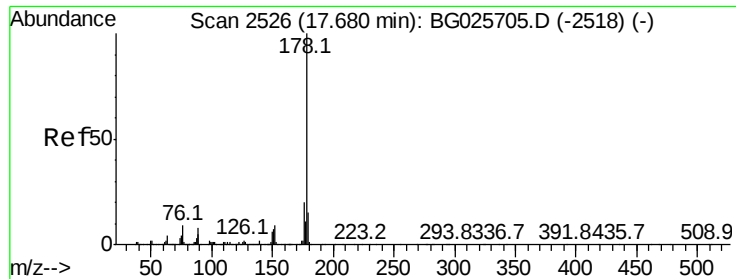
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.3	48.6	72.8
264	62.6	50.1	75.1



#70
 Phenanthrene
 Concen: 39.99 ng
 RT: 17.45 min Scan# 2402
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.7	17.7	26.5
179	16.2	15.0	22.6



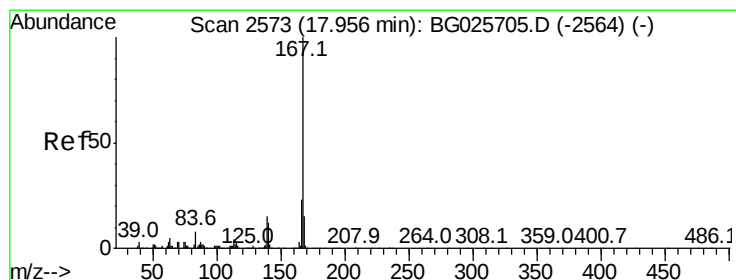
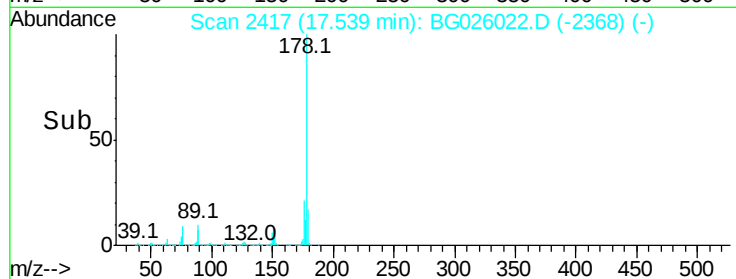
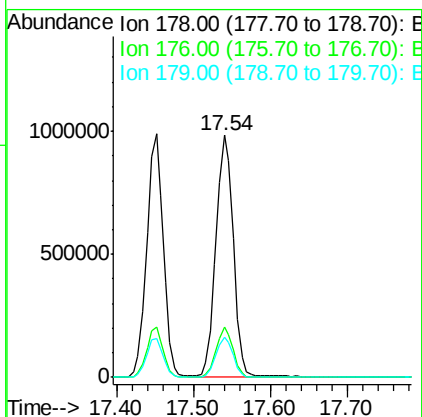
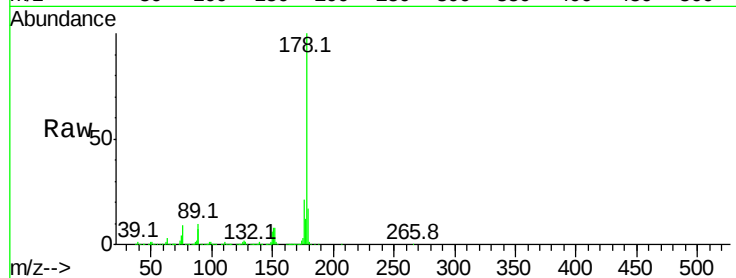


#71
 Anthracene
 Concen: 40.60 ng
 RT: 17.54 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

Tot Ion:178 Resp: 1528802

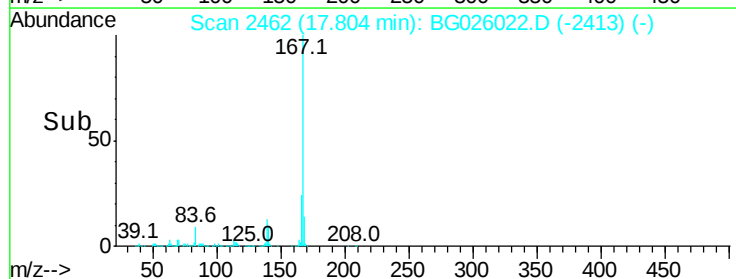
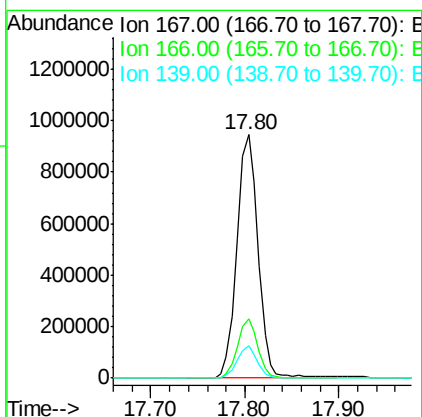
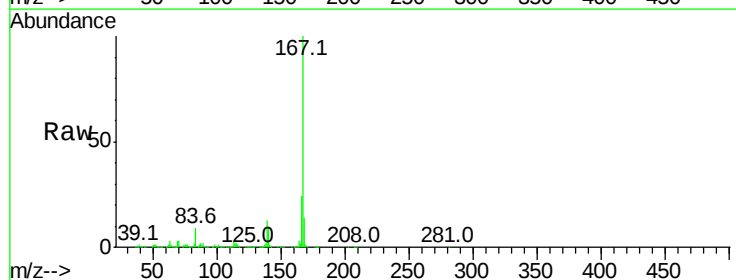
Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.4	24.6
179	16.8	13.8	20.8



#72
 Carbazole
 Concen: 39.30 ng
 RT: 17.80 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion:167 Resp: 1486466

Ion	Ratio	Lower	Upper
167	100		
166	24.3	20.2	30.2
139	13.2	12.8	19.2

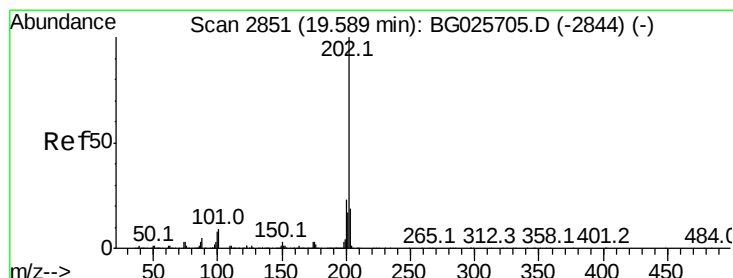
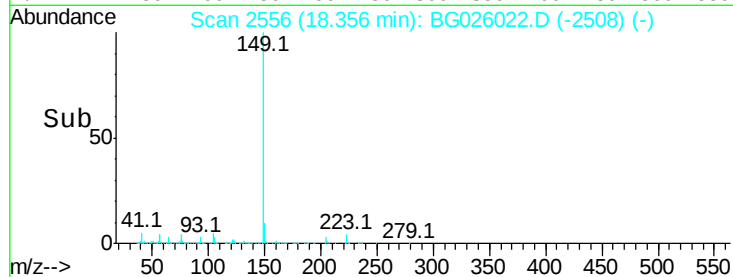
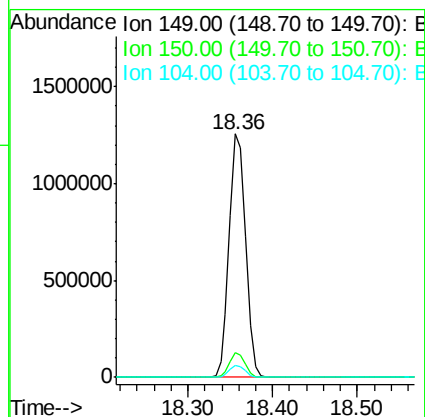
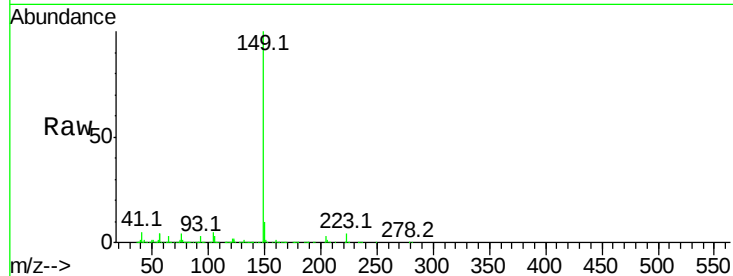




#73
Di-n-butylphthalate
Concen: 45.42 ng
RT: 18.36 min Scan# 2556
Delta R.T. -0.02 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

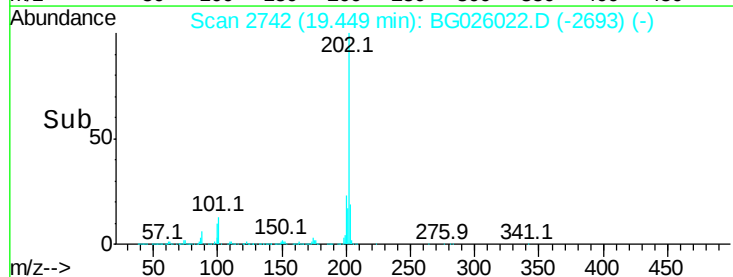
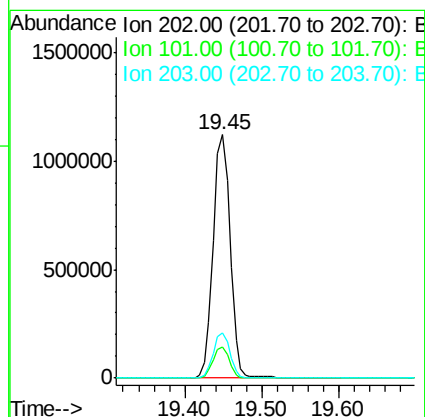
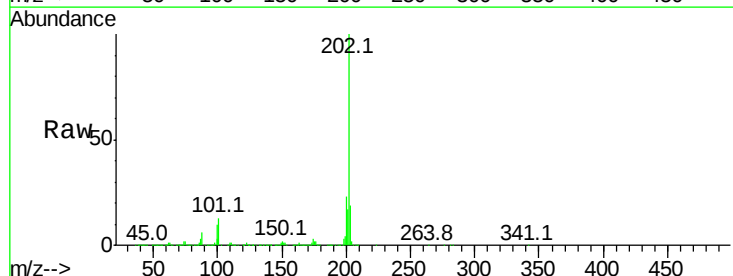
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

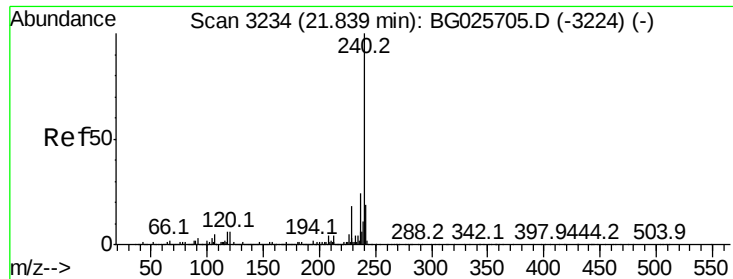
Tot Ion:149 Resp: 1686708
Ion Ratio Lower Upper
149 100
150 10.4 9.1 13.7
104 4.8 6.7 10.1#



#74
Fluoranthene
Concen: 41.88 ng
RT: 19.45 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BG026022.D
Acq: 2 Mar 2017 10:02

Tgt Ion:202 Resp: 1703017
Ion Ratio Lower Upper
202 100
101 12.6 0.0 30.1
203 18.7 1.3 41.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

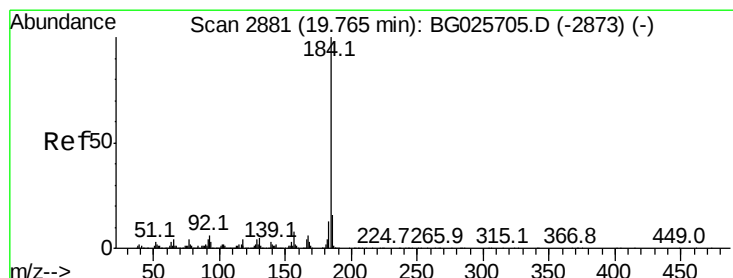
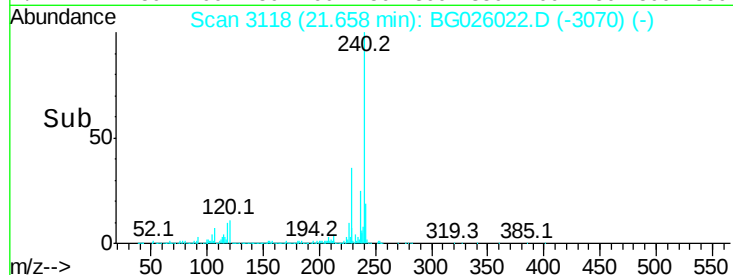
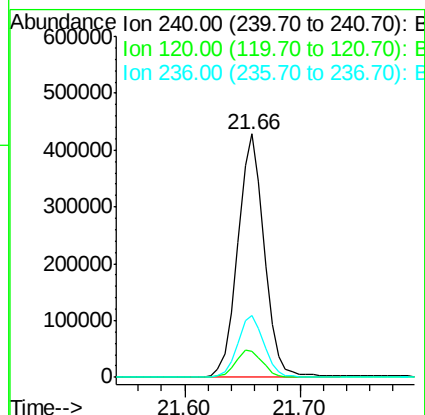
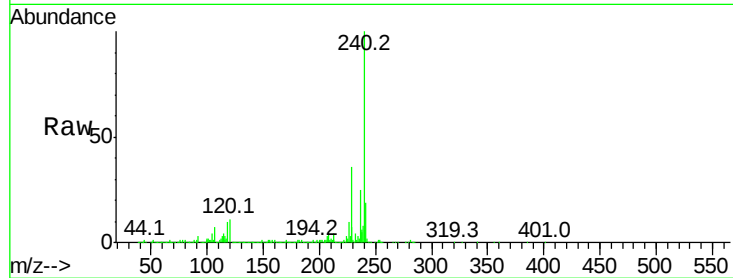
Tot Ion:240 Resp: 682904

Ion Ratio Lower Upper

240 100

120 10.8 5.7 8.5#

236 25.3 22.2 33.4



#76

Benzidine

Concen: 30.38 ng

RT: 19.62 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

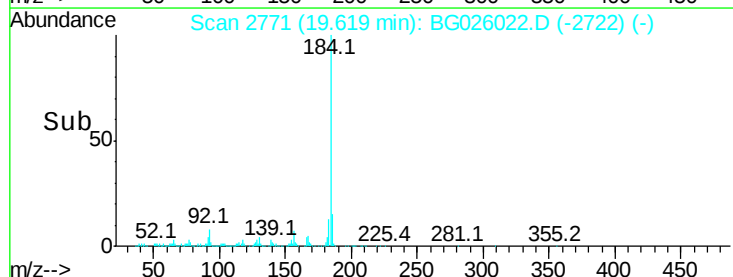
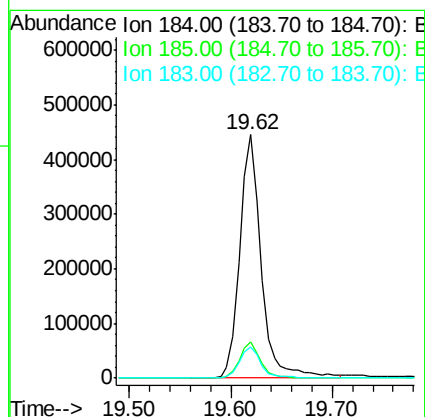
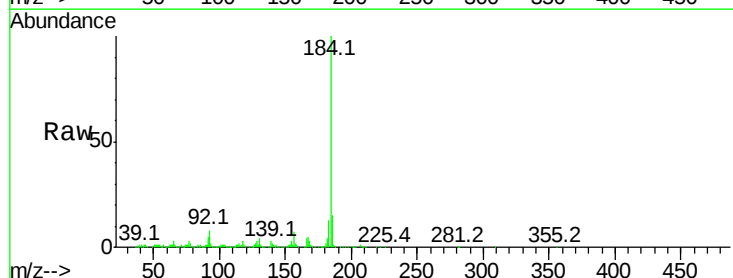
Tgt Ion:184 Resp: 654869

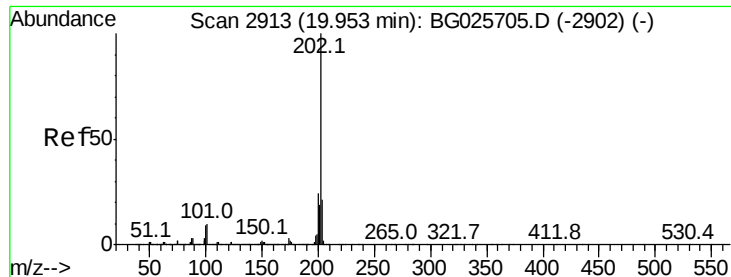
Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

183 13.1 11.0 16.6





#77

Pvrene

Concen: 40.45 ng

RT: 19.81 min Scan# 2803

Delta R.T. -0.01 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

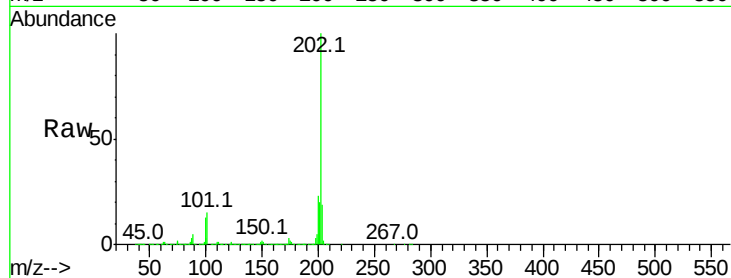
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1747038

Ion	Ratio	Lower	Upper
202	100		
200	23.0	19.6	29.4
203	19.4	15.8	23.8

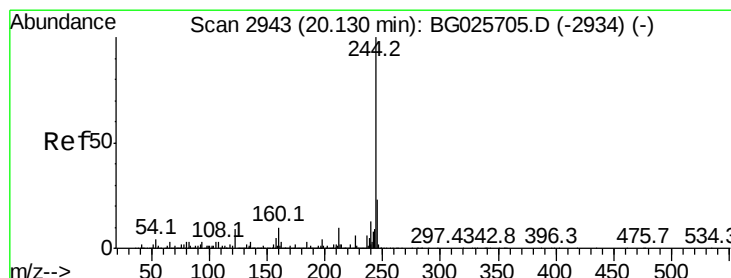
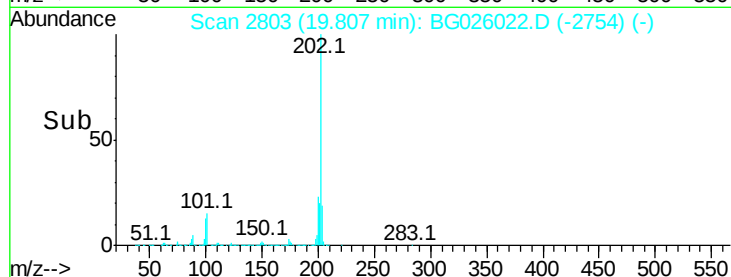
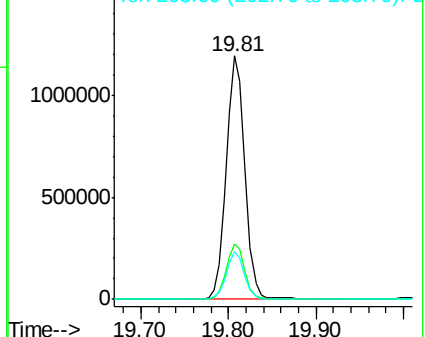


Abundance

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: 80.67 ng

RT: 20.00 min Scan# 2836

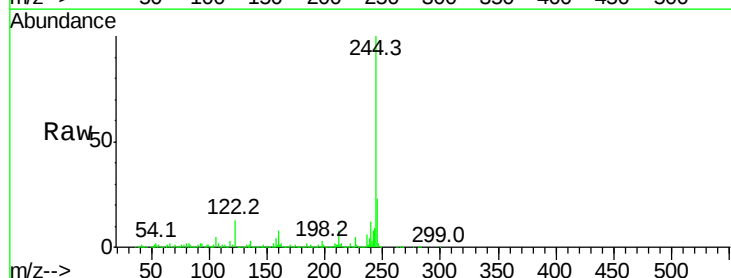
Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion:244 Resp: 2265110

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	13.1	8.6	12.8#

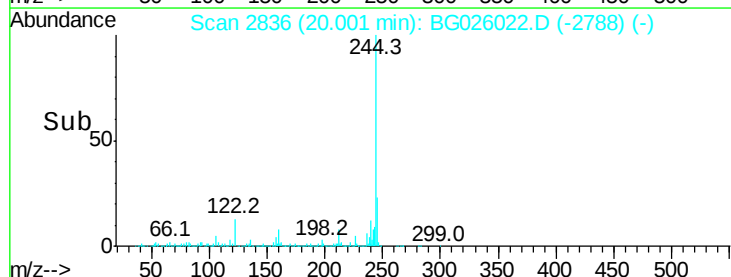
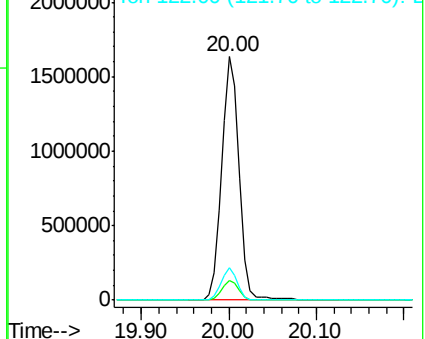


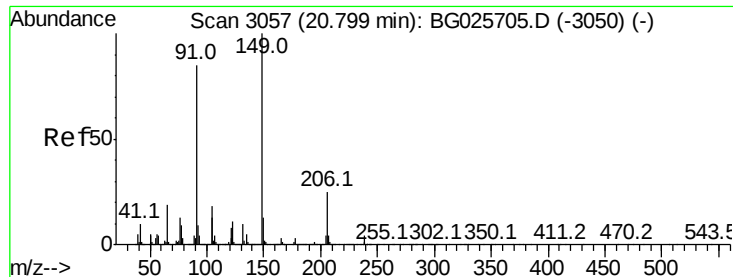
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 47.26 ng

RT: 20.68 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

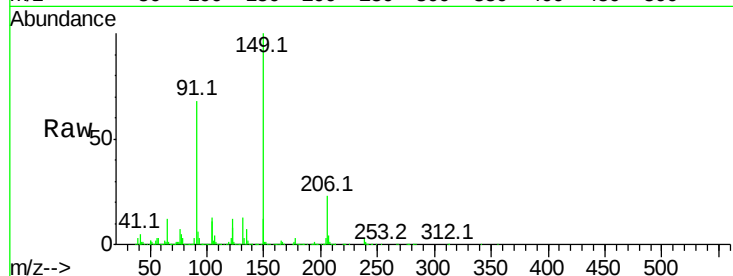
Tot Ion:149 Resp: 774625

Ion Ratio Lower Upper

149 100

91 67.5 63.5 95.3

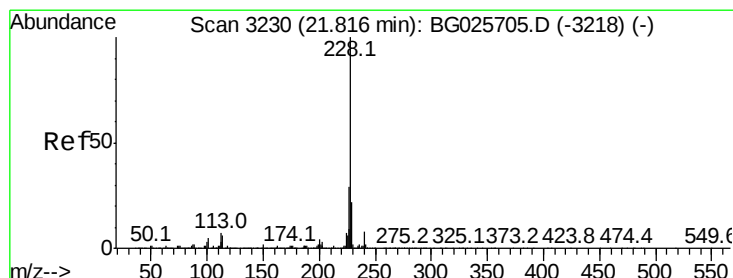
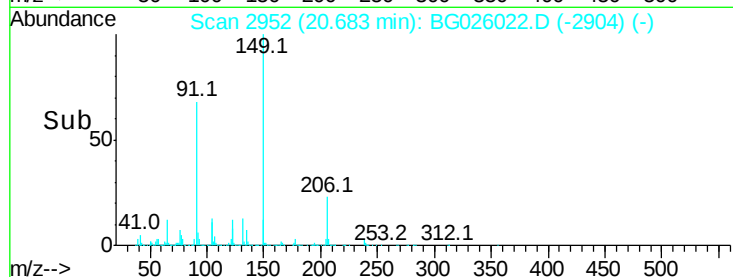
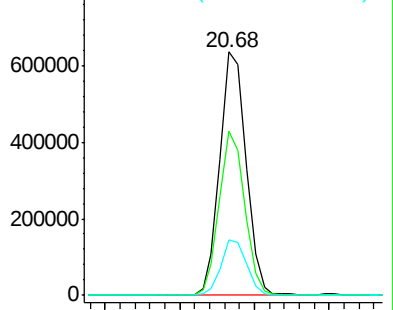
206 22.7 21.0 31.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 39.17 ng

RT: 21.63 min Scan# 3114

Delta R.T. -0.02 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

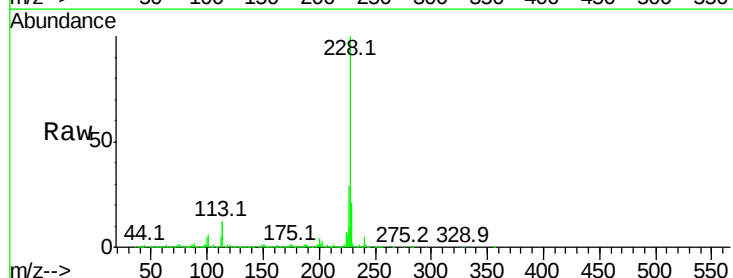
Tgt Ion:228 Resp: 1561771

Ion Ratio Lower Upper

228 100

226 28.9 24.9 37.3

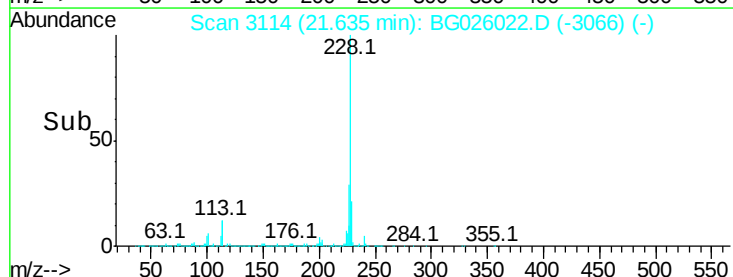
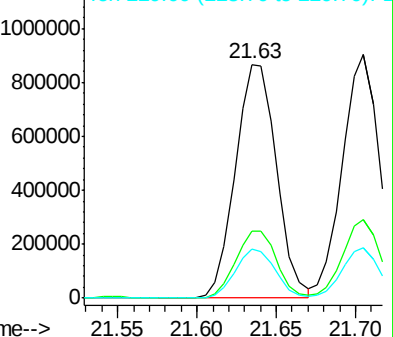
229 20.9 18.2 27.2

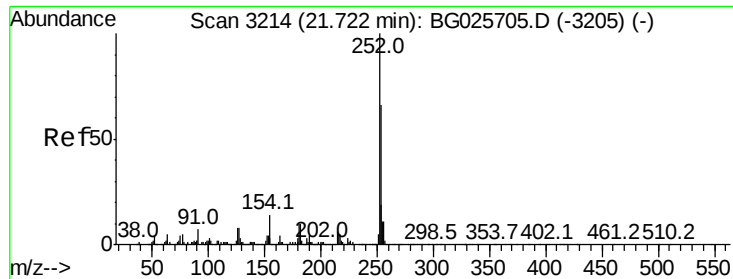


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

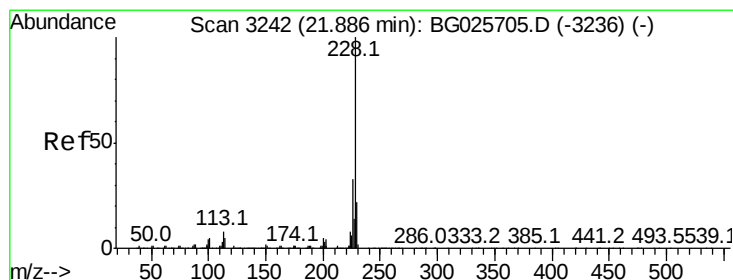
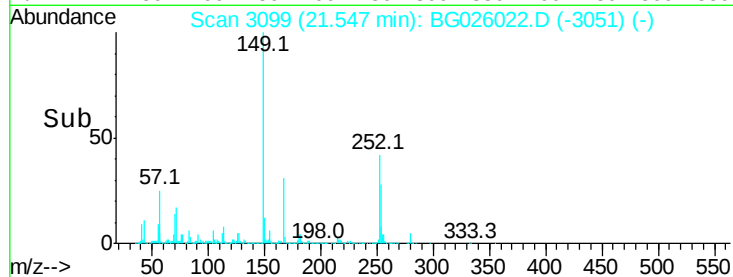
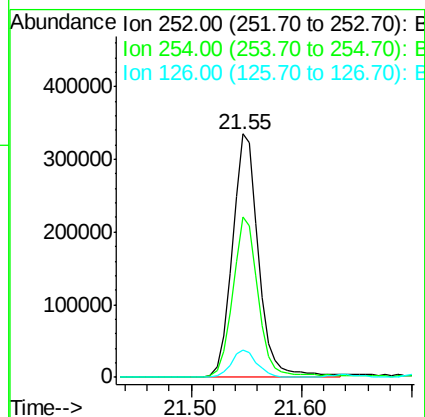
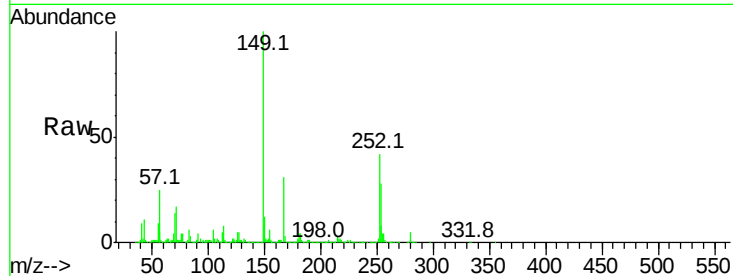




#81
 3,3'-Dichlorobenzidine
 Concen: 39.33 ng
 RT: 21.55 min Scan# 3099
 Delta R.T. -0.02 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

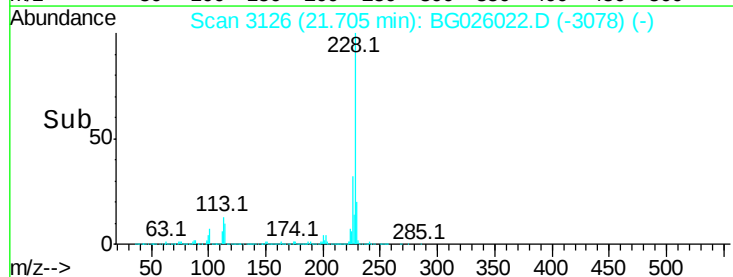
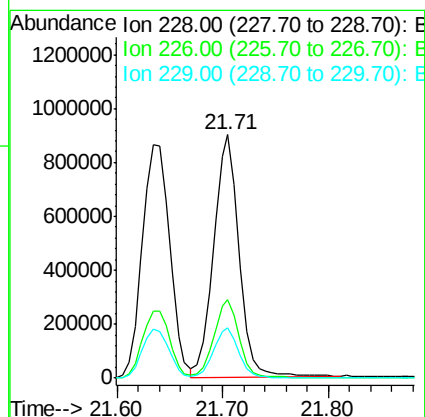
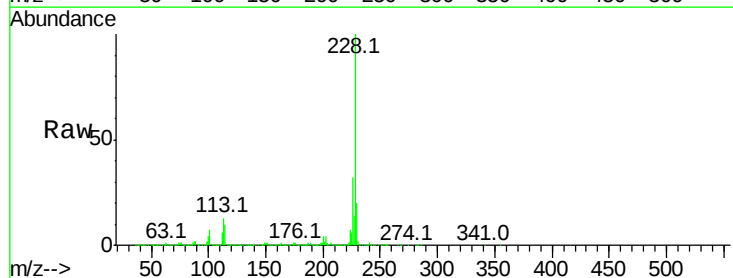
Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040

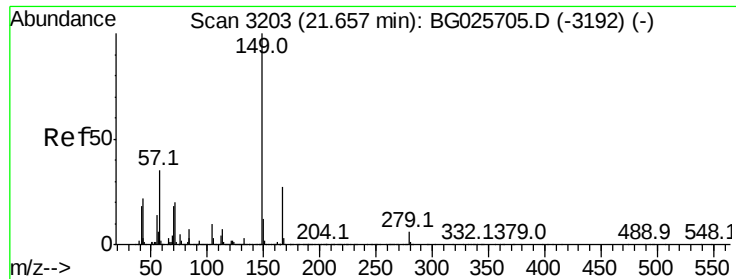
Tot Ion:252 Resp: 558987
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 11.0 7.0 10.4#



#82
 Chrysene
 Concen: 39.14 ng
 RT: 21.71 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion:228 Resp: 1500573
 Ion Ratio Lower Upper
 228 100
 226 32.1 27.0 40.4
 229 20.5 17.8 26.6

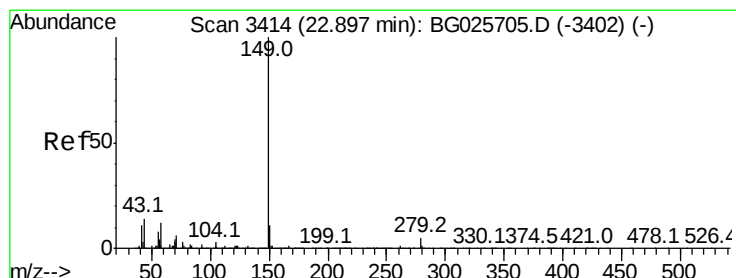
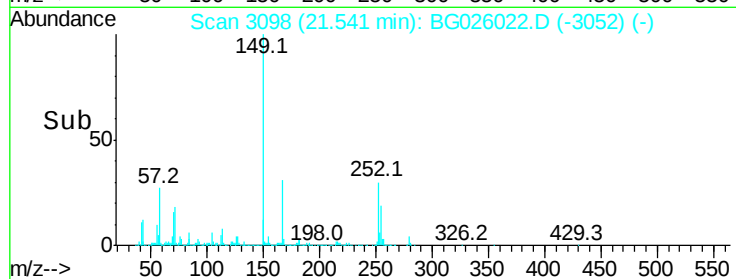
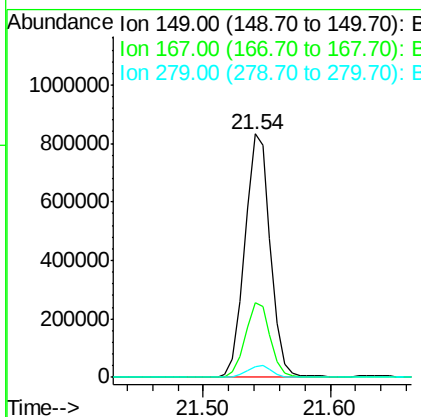
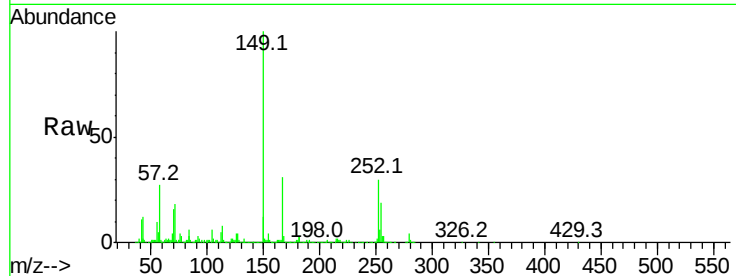




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.88 ng
 RT: 21.54 min Scan# 3098
 Delta R.T. -0.03 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

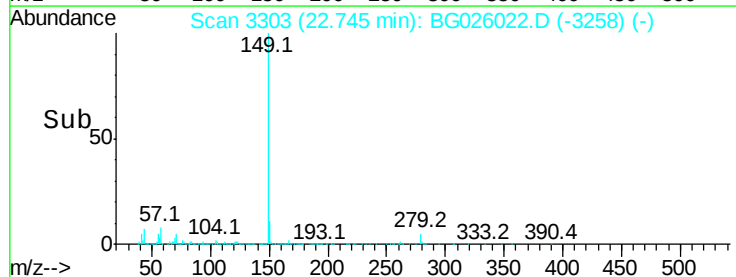
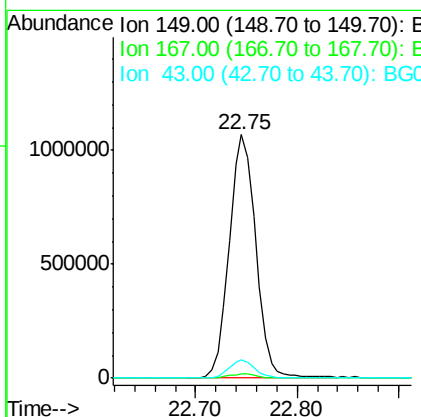
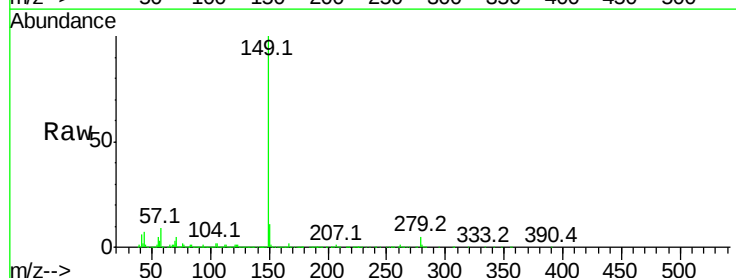
Instrument :
 BNA_G
 ClientSampleId :
 SSTCCCC040

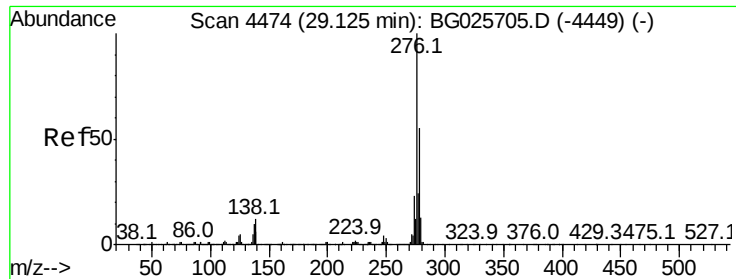
Tot Ion:149 Resp: 1156801
 Ion Ratio Lower Upper
 149 100
 167 30.6 23.7 35.5
 279 4.3 4.6 6.8#



#84
 Di-n-octyl phthalate
 Concen: 49.72 ng
 RT: 22.75 min Scan# 3303
 Delta R.T. -0.04 min
 Lab File: BG026022.D
 Acq: 2 Mar 2017 10:02

Tgt Ion:149 Resp: 1943256
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.2
 43 7.1 11.8 17.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 34.59 ng

RT: 28.50 min Scan# 4283

Delta R.T. -0.04 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

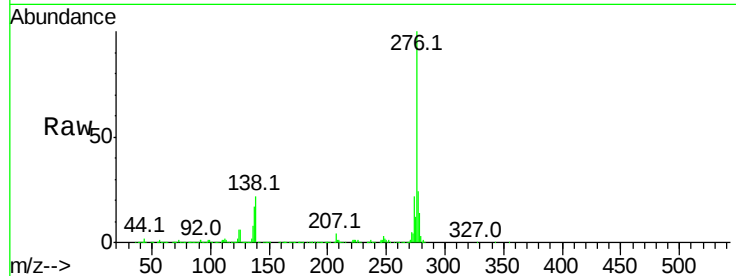
Tot Ion:276 Resp: 1562297

Ion Ratio Lower Upper

276 100

138 26.9 4.7 7.1#

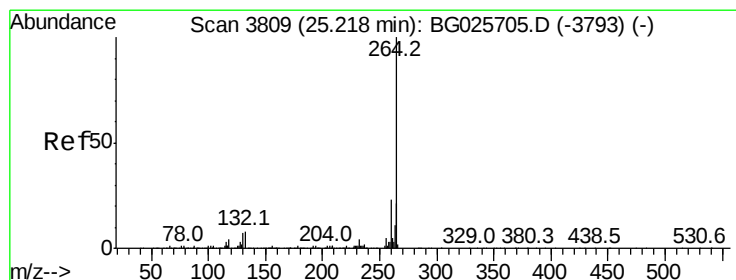
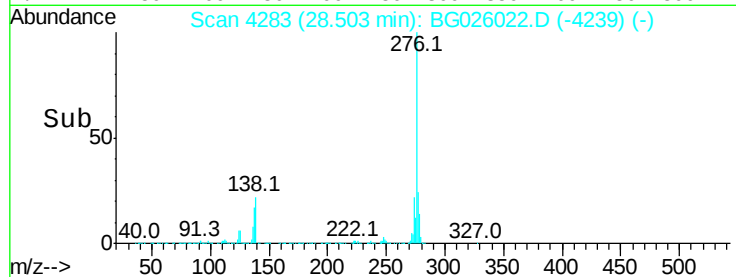
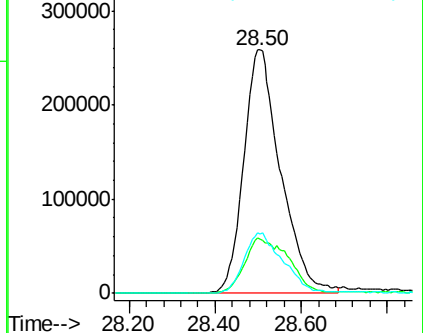
277 26.0 20.6 31.0



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: BG026022.D

Acq: 2 Mar 2017 10:02

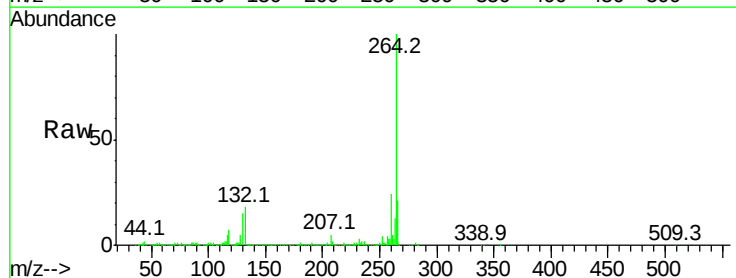
Tgt Ion:264 Resp: 642056

Ion Ratio Lower Upper

264 100

260 24.3 21.8 32.8

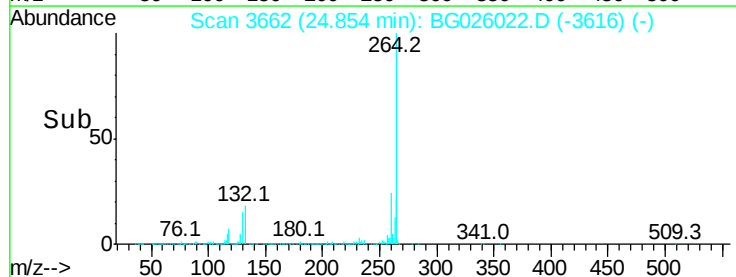
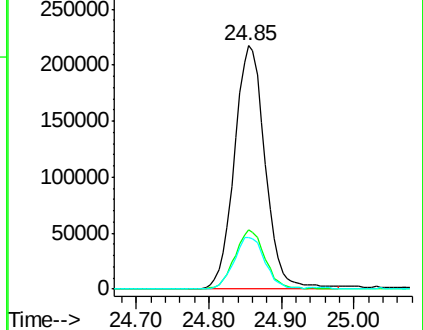
265 21.2 18.2 27.4

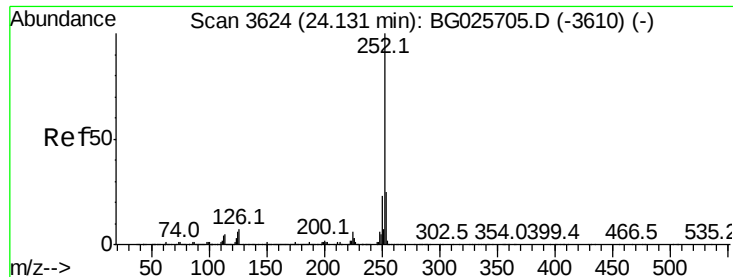


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 39.26 ng

RT: 23.84 min Scan# 3490

Delta R.T. -0.03 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

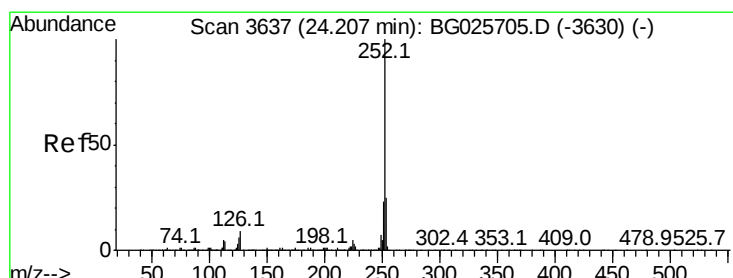
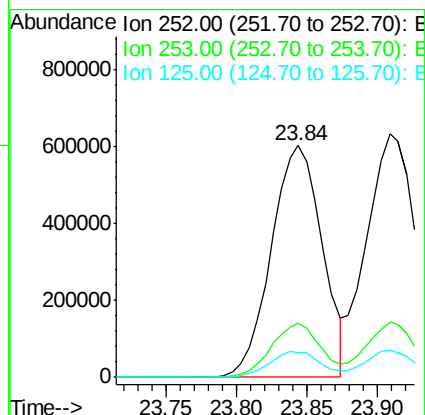
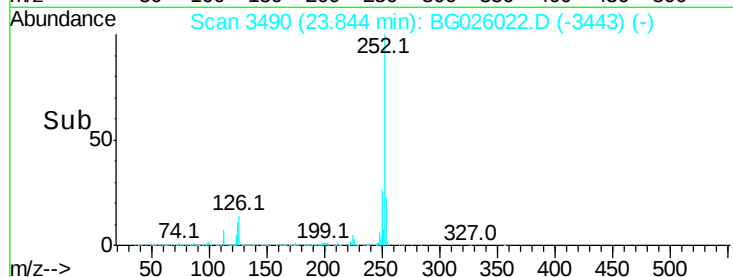
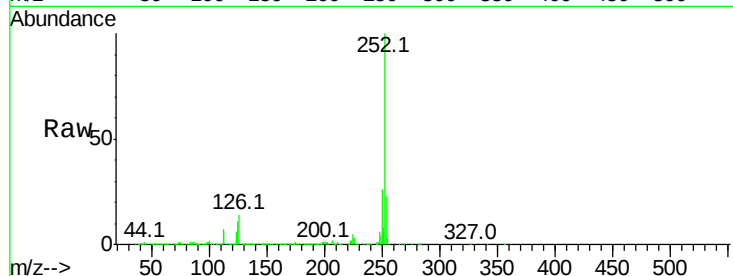
Tot Ion:252 Resp: 1509780

Ion Ratio Lower Upper

252 100

253 23.2 18.7 28.1

125 10.9 5.3 7.9#



#88

Benzo(k)fluoranthene

Concen: 40.49 ng

RT: 23.91 min Scan# 3501

Delta R.T. -0.03 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

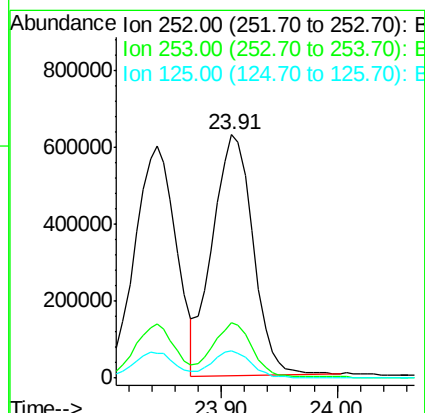
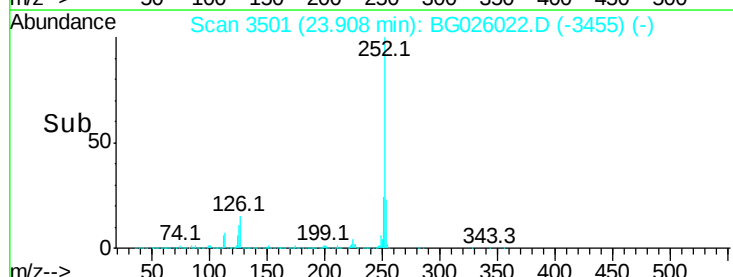
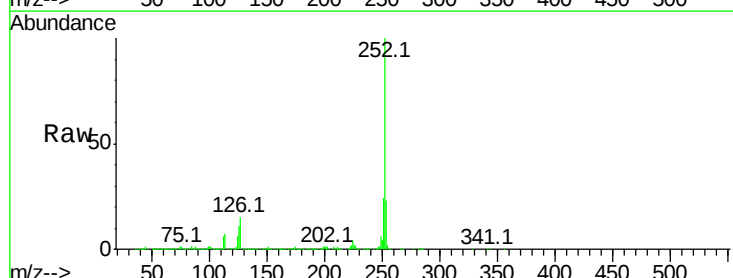
Tgt Ion:252 Resp: 1519071

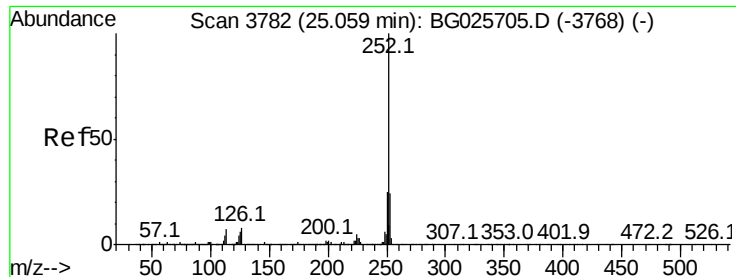
Ion Ratio Lower Upper

252 100

253 22.5 20.2 30.2

125 11.0 5.1 7.7#





#89

Benzo(a)pyrene

Concen: 39.11 ng

RT: 24.71 min Scan# 3637

Delta R.T. -0.03 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

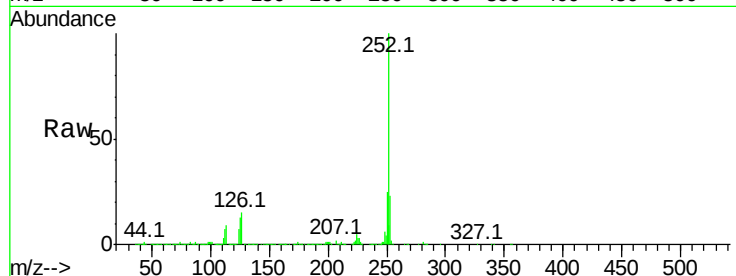
BNA_G

ClientSampleId :

SSTDCCC040

Tot Ion:252 Resp: 1423987

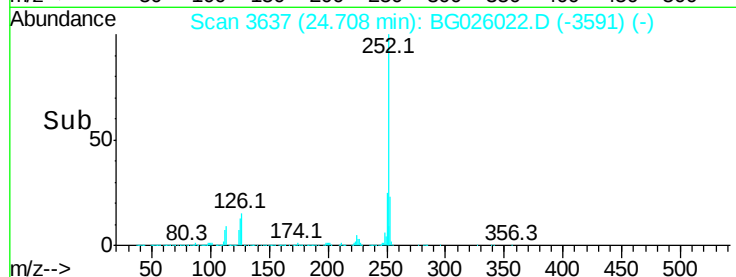
Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.2	28.8
125	12.9	5.4	8.0#



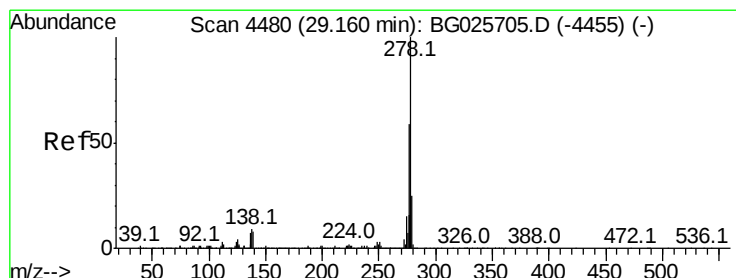
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Dibenzo(a,h)anthracene

Concen: 35.64 ng

RT: 28.56 min Scan# 4293

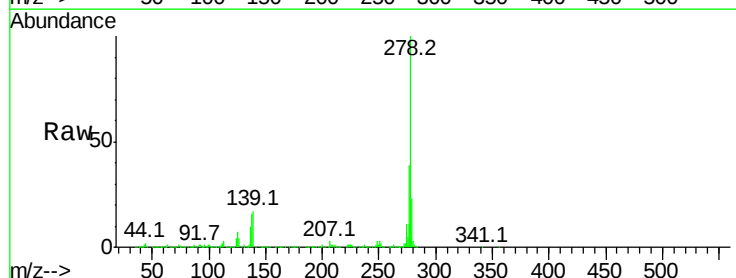
Delta R.T. -0.06 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Tgt Ion:278 Resp: 1303646

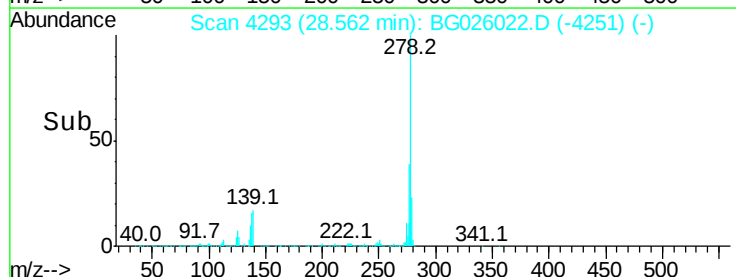
Ion	Ratio	Lower	Upper
278	100		
139	17.0	7.7	11.5#
279	23.3	19.1	28.7



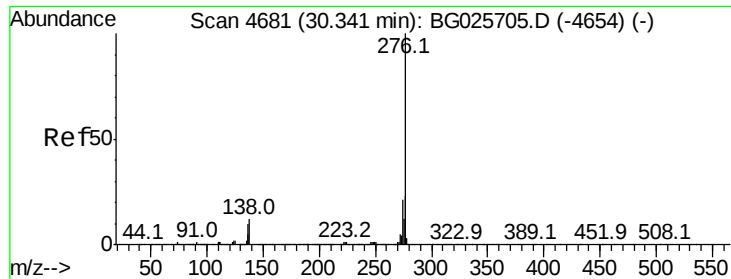
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->



#91

Benzo(a,h,i)perylene

Concen: 37.11 ng

RT: 29.64 min Scan# 4477

Delta R.T. -0.05 min

Lab File: BG026022.D

Acq: 2 Mar 2017 10:02

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040

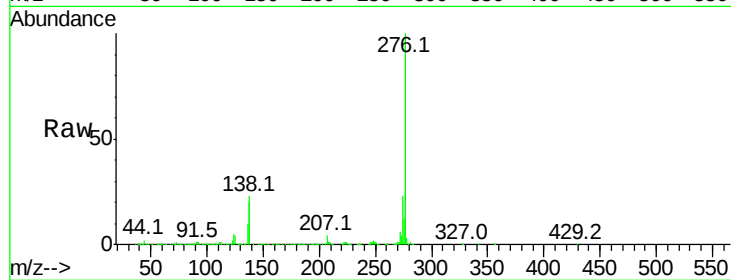
Tot Ion:276 Resp: 1360996

Ion Ratio Lower Upper

276 100

277 25.3 18.6 27.8

138 23.3 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

