

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042017\
 Data File : BG026683.D
 Acq On : 20 Apr 2017 20:09
 Operator : SJ/MA
 Sample : I2774-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 21 04:04:35 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 18 18:04:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	194722	20.00	ng	-0.02
21) Naphthalene-d8	10.83	136	865920	20.00	ng	-0.02
38) Acenaphthene-d10	14.64	164	551412	20.00	ng	-0.02
63) Phenanthrene-d10	17.37	188	1292054	20.00	ng	-0.02
75) Chrysene-d12	21.62	240	1325396	20.00	ng	-0.02
86) Perylene-d12	24.79	264	1336877	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	1707549	159.41	ng	0.00
7) Phenol-d6	7.22	99	2323723	165.56	ng	0.02
23) Nitrobenzene-d5	9.19	82	1267239	102.12	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	1088669	141.69	ng	-0.01
44) 2-Fluorobiphenyl	13.27	172	3344875	90.34	ng	-0.01
78) Terphenyl-d14	19.97	244	4090767	91.12	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	138102	24.66	ng	# 70
3) Pyridine	3.89	79	243745	19.44	ng	# 62
4) n-Nitrosodimethylamine	3.79	42	146902	40.28	ng	# 1
6) Aniline	7.35	93	605008	34.52	ng	# 88
8) 2-Chlorophenol	7.61	128	616159	48.21	ng	# 79
9) Benzaldehyde	7.17	77	97400	10.24	ng	# 66
10) Phenol	7.25	94	908997	59.52	ng	# 71
11) bis(2-Chloroethyl)ether	7.45	93	539416	44.37	ng	# 81
12) 1,3-Dichlorobenzene	7.92	146	627477	41.66	ng	# 84
13) 1,4-Dichlorobenzene	7.92	146	627477	41.01	ng	# 93
14) 1,2-Dichlorobenzene	8.38	146	623408	43.12	ng	# 89
15) Benzyl Alcohol	8.27	79	443094	50.48	ng	# 76
16) 2,2'-oxybis(1-Chloropropan	8.56	45	523126	44.48	ng	# 81
17) 2-Methylphenol	8.49	107	540737	50.53	ng	# 81
18) Hexachloroethane	9.11	117	198347	41.08	ng	# 94
19) n-Nitroso-di-n-propylamine	8.83	70	400460	46.02	ng	# 68
20) 3+4-Methylphenols	8.82	107	756267	51.43	ng	# 86
22) Acetophenone	8.85	105	859409	43.43	ng	# 75
24) Nitrobenzene	9.23	77	585631	44.56	ng	# 68
25) Isophorone	9.75	82	1141928	44.89	ng	# 88
26) 2-Nitrophenol	9.95	139	379170	47.62	ng	# 63
27) 2,4-Dimethylphenol	10.02	122	626636	48.76	ng	# 85
28) bis(2-Chloroethoxy)methane	10.23	93	752515	45.25	ng	# 96
29) 2,4-Dichlorophenol	10.49	162	680741	50.65	ng	# 92
30) 1,2,4-Trichlorobenzene	10.69	180	654010	43.66	ng	# 98
31) Naphthalene	10.88	128	1859313	43.75	ng	# 99
32) Benzoic acid	10.18	122	418706	46.75	ng	# 73
33) 4-Chloroaniline	10.99	127	395606	21.70	ng	# 81
34) Hexachlorobutadiene	11.17	225	373494	43.60	ng	# 97
35) Caprolactam	11.77	113	184935	35.43	ng	# 51
36) 4-Chloro-3-methylphenol	12.13	107	671993	49.64	ng	# 73
37) 2-Methylnaphthalene	12.48	142	1482938	45.34	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	727311	42.82	ng	# 98
40) Hexachlorocyclopentadiene	12.82	237	774167	90.20	ng	# 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

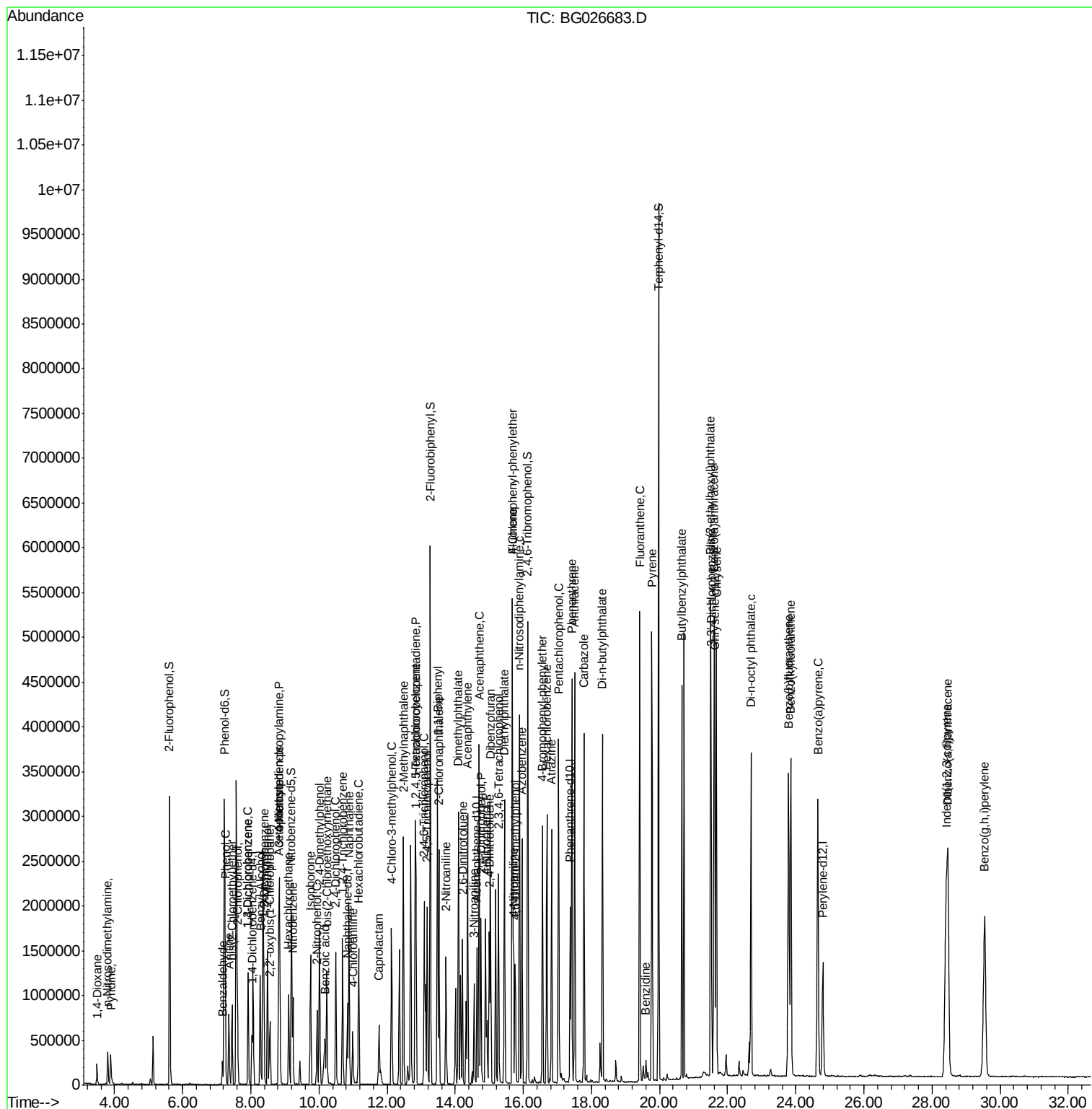
42) 2,4,6-Trichlorophenol	13.09	196	561745	46.45	nq	99
43) 2,4,5-Trichlorophenol	13.18	196	600858	46.98	nq	# 92
45) 1,1'-Biphenyl	13.48	154	1899108	42.38	nq	98
46) 2-Chloronaphthalene	13.52	162	1472104	43.35	nq	97
47) 2-Nitroaniline	13.73	65	401638	46.31	nq	# 45
48) Acenaphthylene	14.36	152	2377303	43.54	nq	98
49) Dimethylphthalate	14.09	163	2210496	50.64	nq	100
50) 2,6-Dinitrotoluene	14.22	165	465888	45.64	nq	# 56
51) Acenaphthene	14.70	154	1512310	43.52	nq	99
52) 3-Nitroaniline	14.55	138	393787	35.37	nq	# 65
53) 2,4-Dinitrophenol	14.76	184	573795	93.06	nq	# 74
54) Dibenzofuran	15.03	168	2313114	42.70	nq	91
55) 4-Nitrophenol	14.89	139	760285	80.89	nq	# 37
56) 2,4-Dinitrotoluene	15.00	165	659944	45.53	nq	# 65
57) Fluorene	15.69	166	1909651	42.82	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.27	232	564503	43.40	nq	# 95
59) Diethylphthalate	15.44	149	1863190	41.98	nq	97
60) 4-Chlorophenyl-phenylether	15.67	204	976647	43.88	nq	90
61) 4-Nitroaniline	15.71	138	501404	42.23	nq	# 50
62) Azobenzene	15.96	77	1503056	43.90	nq	78
64) 4,6-Dinitro-2-methylphenol	15.77	198	424468	48.65	nq	85
65) n-Nitrosodiphenylamine	15.89	169	1715626	46.03	nq	96
66) 4-Bromophenyl-phenylether	16.56	248	671658	47.58	nq	94
67) Hexachlorobenzene	16.69	284	711001	45.81	nq	# 88
68) Atrazine	16.83	200	618061	42.41	nq	97
69) Pentachlorophenol	17.04	266	840944	89.68	nq	96
70) Phenanthrene	17.42	178	2873333	43.19	nq	98
71) Anthracene	17.51	178	2971358	43.22	nq	95
72) Carbazole	17.78	167	2693449	40.92	nq	96
73) Di-n-butylphthalate	18.32	149	3019336	40.90	nq	# 95
74) Fluoranthene	19.42	202	3144045	40.76	nq	96
76) Benzidine	19.60	184	204074	8.95	nq	98
77) Pyrene	19.78	202	3172830	44.47	nq	96
79) Butylbenzylphthalate	20.65	149	1409227	45.90	nq	# 86
80) Benzo(a)anthracene	21.60	228	3161283	44.16	nq	98
81) 3,3'-Dichlorobenzidine	21.51	252	1076507	36.26	nq	99
82) Chrysene	21.67	228	2904610	44.10	nq	96
83) Bis(2-ethylhexyl)phthalate	21.50	149	1997425	45.14	nq	94
84) Di-n-octyl phthalate	22.68	149	3370895	45.63	nq	# 81
85) Indeno(1,2,3-cd)pyrene	28.42	276	4107360	45.48	nq	# 87
87) Benzo(b)fluoranthene	23.79	252	3358656	43.88	nq	# 95
88) Benzo(k)fluoranthene	23.85	252	3340017	45.27	nq	# 97
89) Benzo(a)pyrene	24.65	252	3311815	44.82	nq	# 96
90) Dibenzo(a,h)anthracene	28.46	278	3488880	45.97	nq	# 93
91) Benzo(g,h,i)perylene	29.55	276	3420961	45.07	nq	# 88

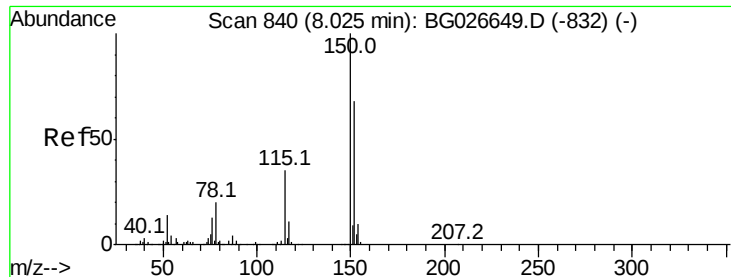
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

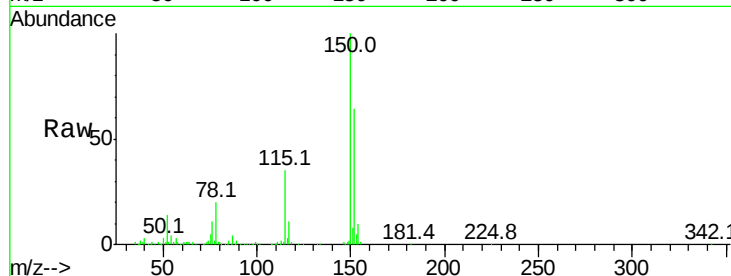
Tot Ion:152 Resp: 194722

Ion Ratio Lower Upper

152 100

150 155.8 114.0 171.0

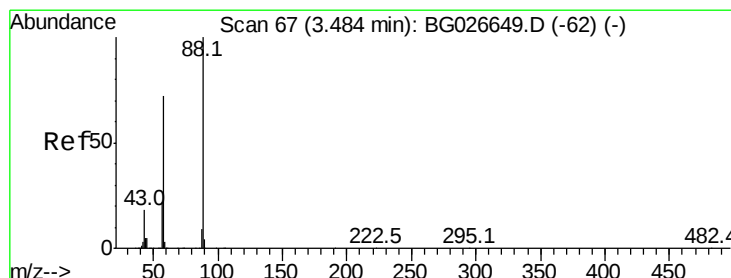
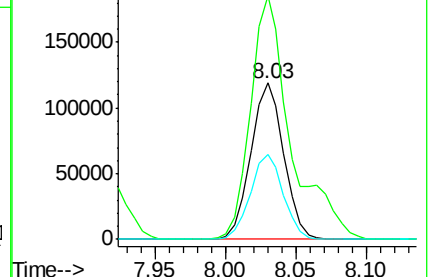
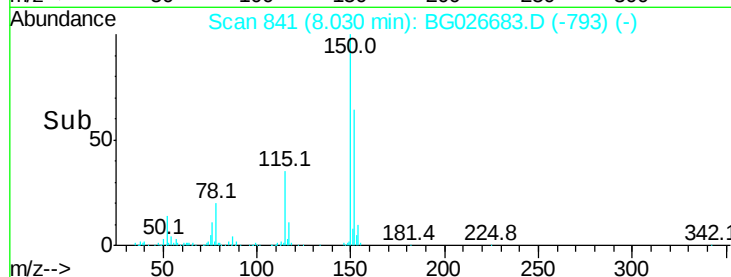
115 54.5 48.1 72.1



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: 24.66 ng

RT: 3.48 min Scan# 67

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

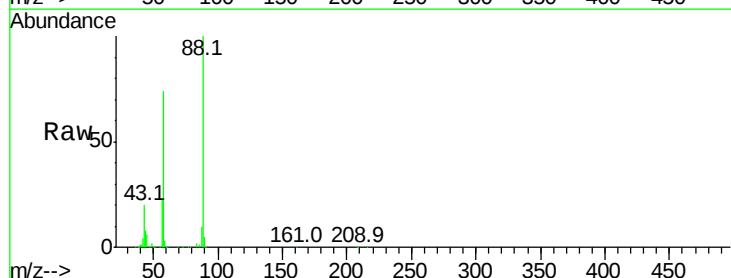
Tgt Ion: 88 Resp: 138102

Ion Ratio Lower Upper

88 100

58 71.1 79.4 119.2#

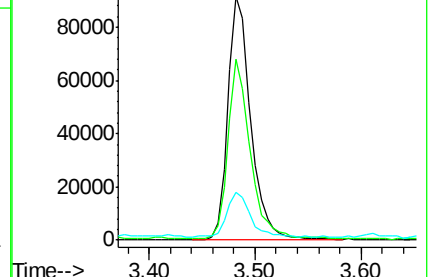
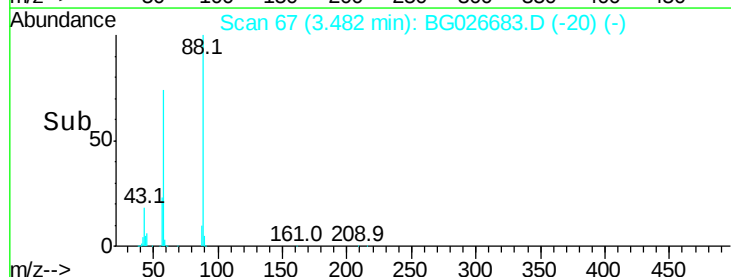
43 19.6 33.8 50.6#

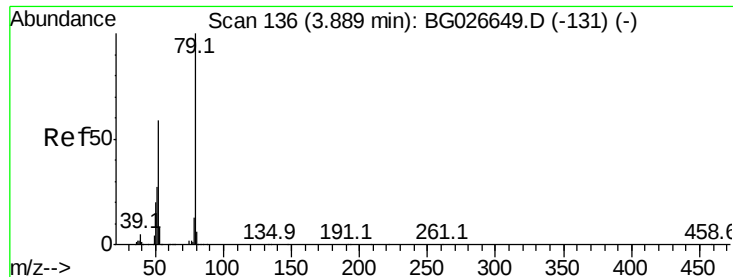


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 19.44 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

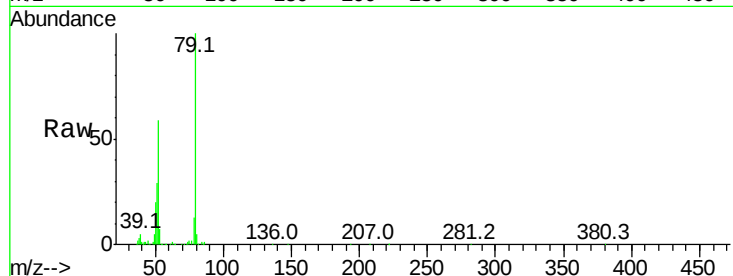
Tot Ion: 79 Resp: 243745

Ion Ratio Lower Upper

79 100

52 58.6 77.8 116.6#

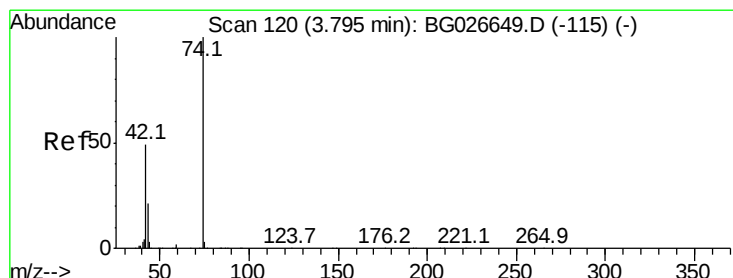
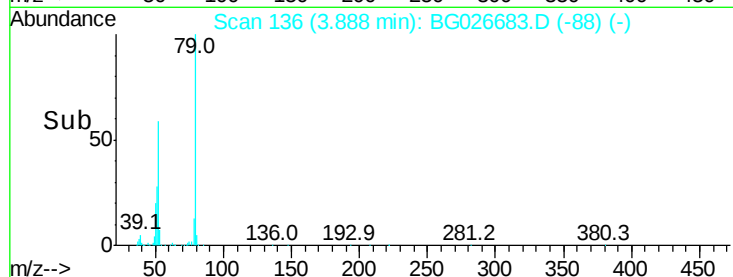
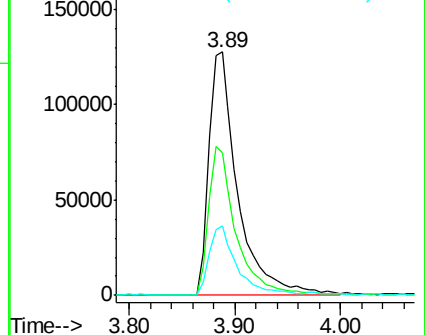
51 28.6 43.2 64.8#



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: 40.28 ng

RT: 3.79 min Scan# 120

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

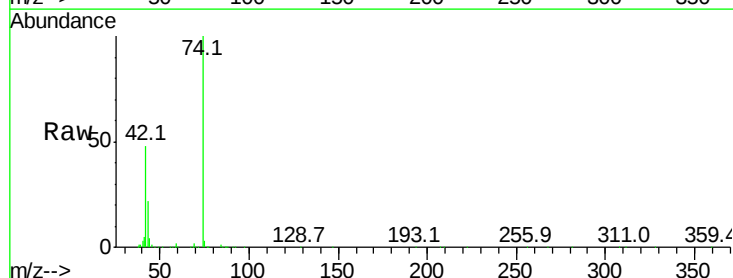
Tgt Ion: 42 Resp: 146902

Ion Ratio Lower Upper

42 100

74 210.0 76.7 115.1#

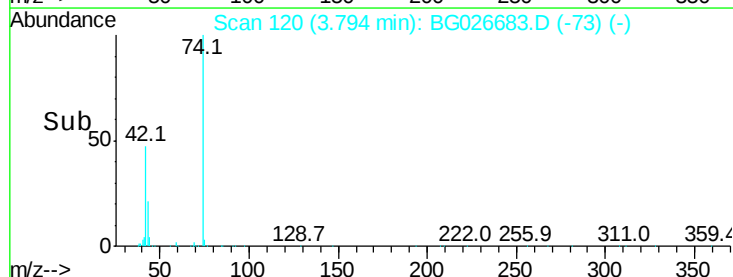
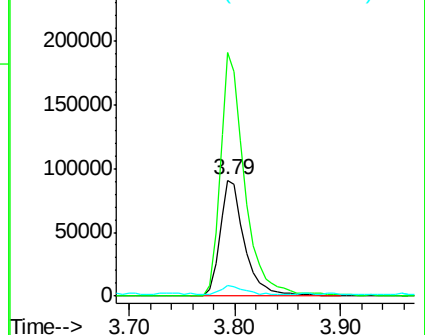
44 9.1 6.1 9.1

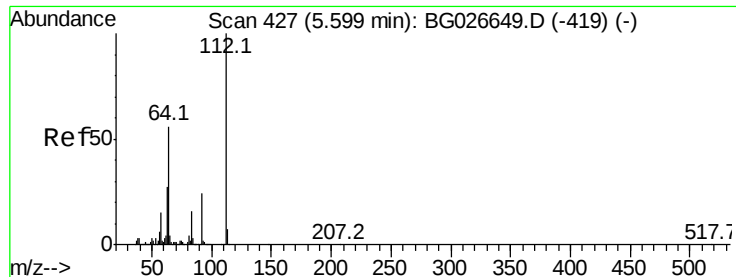


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 159.41 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

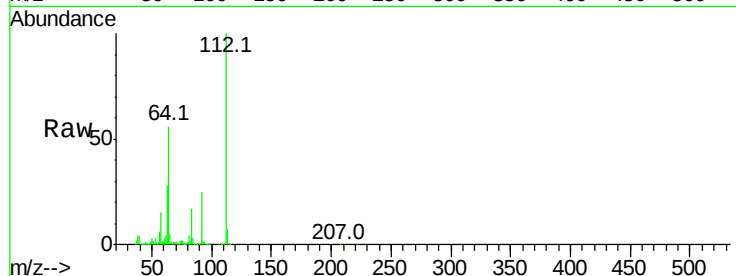
Tot Ion:112 Resp: 1707549

Ion Ratio Lower Upper

112 100

64 55.8 61.8 92.6#

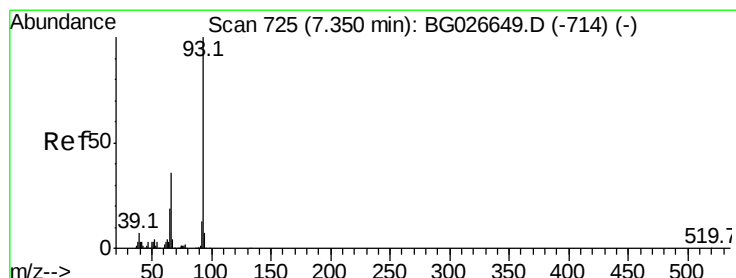
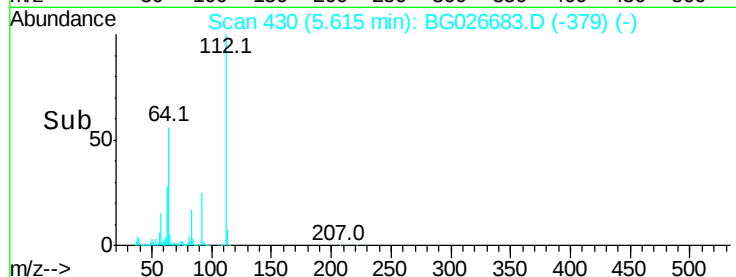
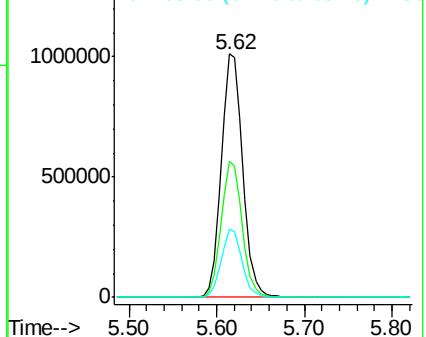
63 28.2 37.2 55.8#



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: 34.52 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

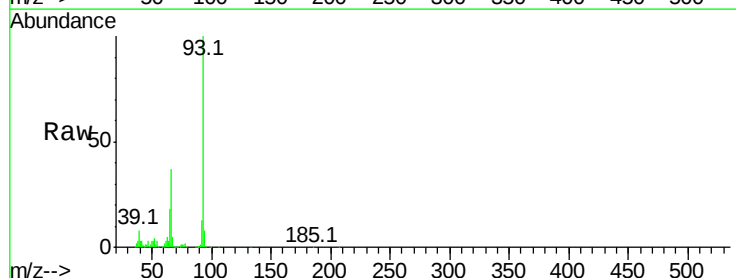
Tgt Ion: 93 Resp: 605008

Ion Ratio Lower Upper

93 100

66 37.5 35.4 53.2

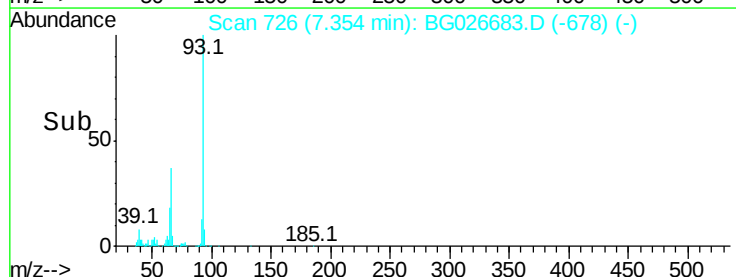
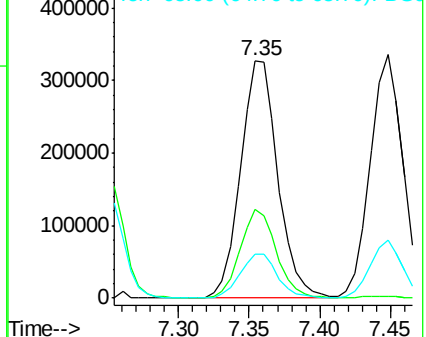
65 18.5 21.2 31.8#

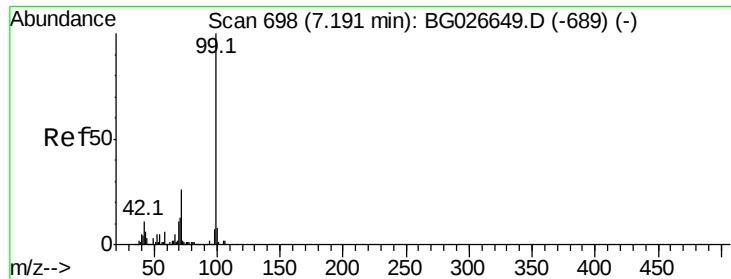


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 165.56 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

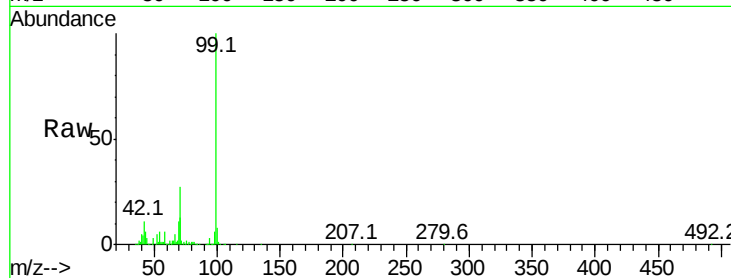
Instrument :

BNA_G

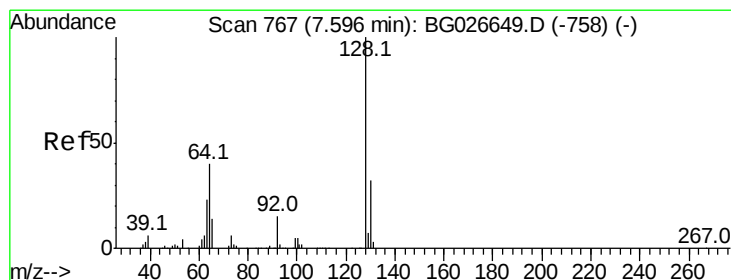
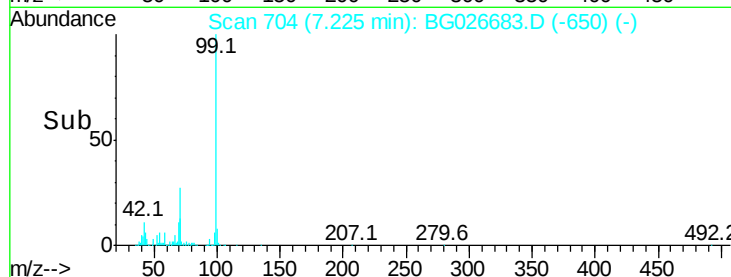
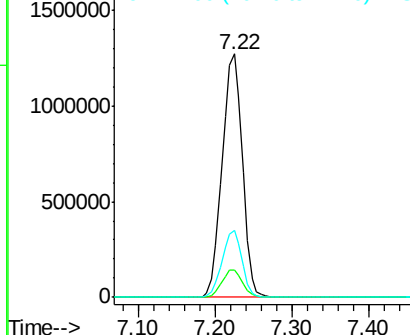
ClientSampleId :

Tot Ion: 99 Resp: 2323723

Ion	Ratio	Lower	Upper
99	100		
42	11.2	20.5	30.7#
71	27.4	37.6	56.4#



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



#8

2-Chlorophenol

Concen: 48.21 ng

RT: 7.61 min Scan# 769

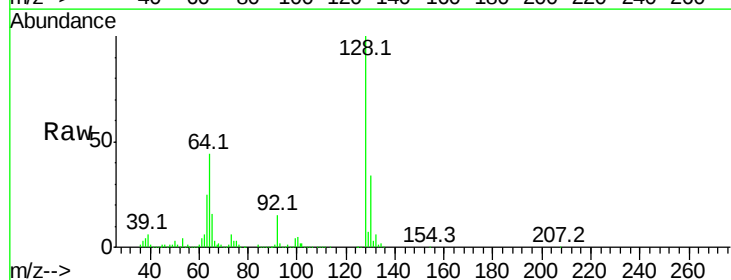
Delta R.T. -0.01 min

Lab File: BG026683.D

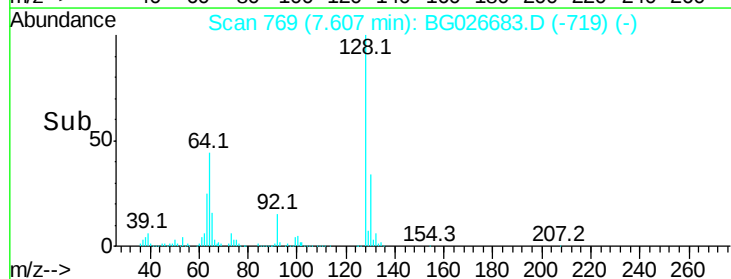
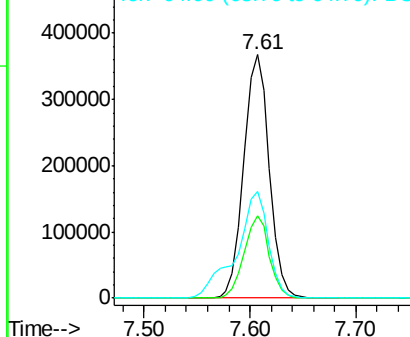
Acq: 20 Apr 2017 20:09

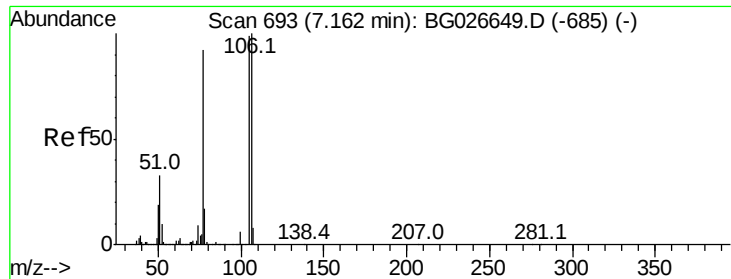
Tgt Ion: 128 Resp: 616159

Ion	Ratio	Lower	Upper
128	100		
130	33.6	11.4	51.4
64	43.6	46.6	86.6#



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





#9

Benzaldehyde

Concen: 10.24 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.02 min

Lab File: BG026683.D

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ClientSampleId :

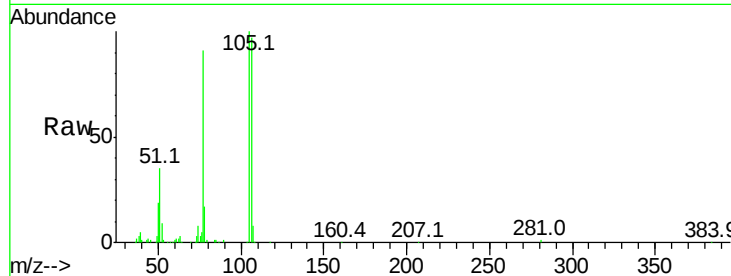
Tot Ion: 77 Resp: 97400

Ion Ratio Lower Upper

77 100

105 109.4 60.9 100.9#

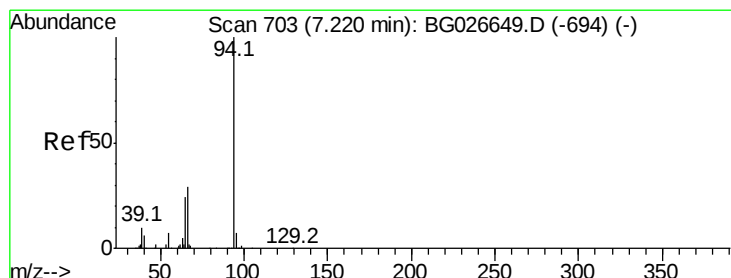
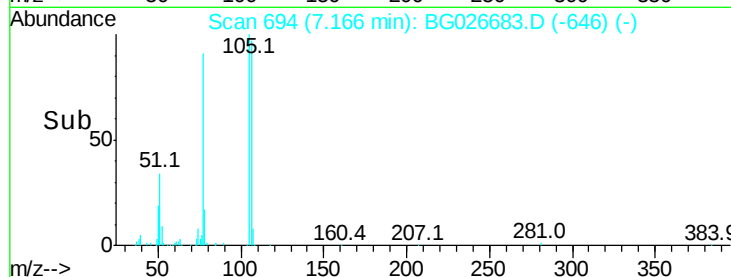
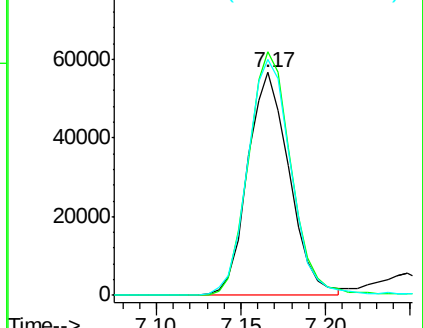
106 105.8 55.1 95.1#



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 59.52 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

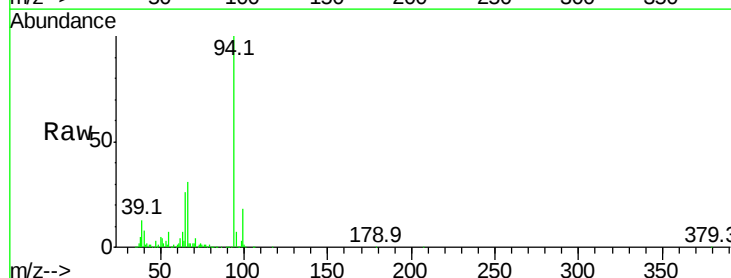
Tgt Ion: 94 Resp: 908997

Ion Ratio Lower Upper

94 100

65 26.5 20.6 60.6

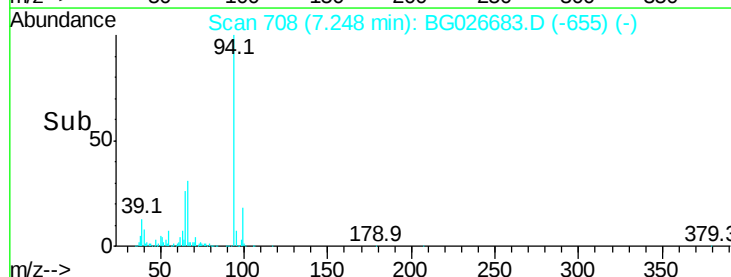
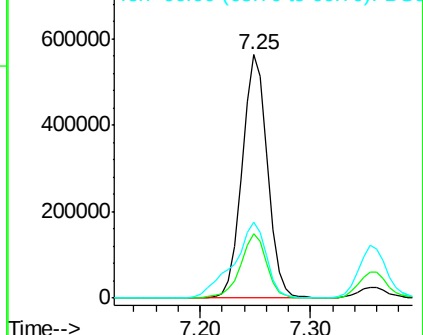
66 31.0 35.5 75.5#

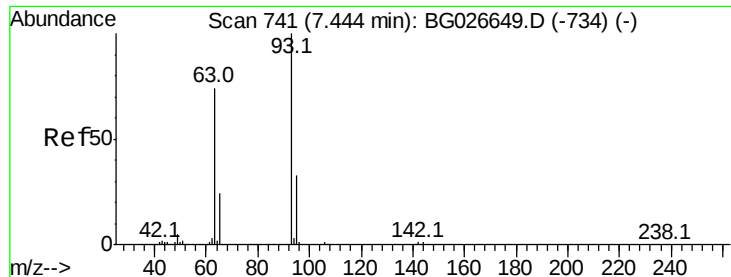


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 44.37 ng

RT: 7.45 min Scan# 742

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

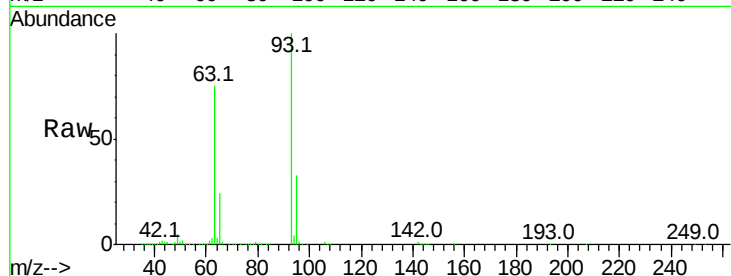
Tot Ion: 93 Resp: 539416

Ion Ratio Lower Upper

93 100

63 75.3 78.5 118.5#

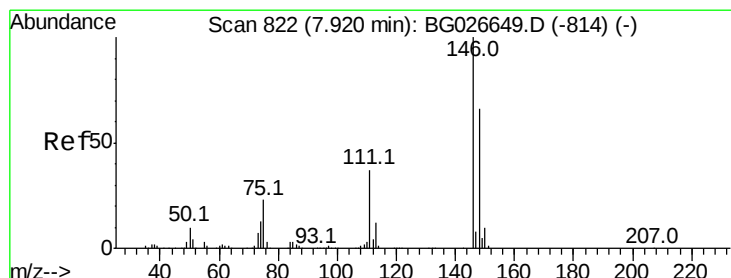
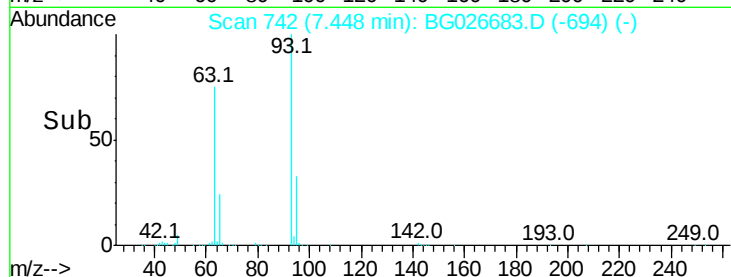
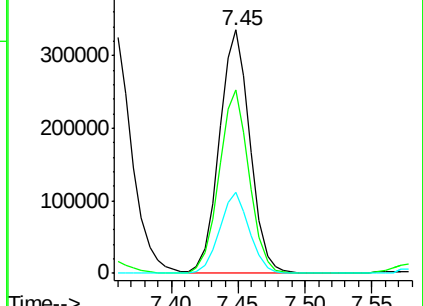
95 33.0 9.8 49.8



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: 41.66 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

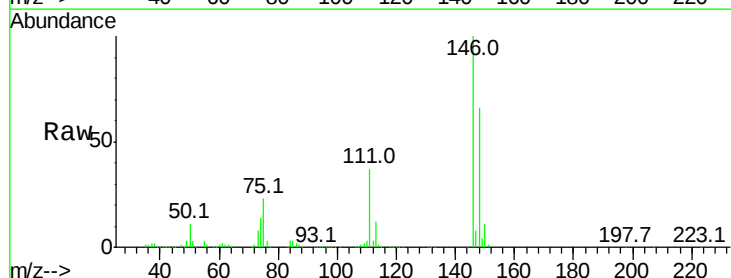
Tgt Ion: 146 Resp: 627477

Ion Ratio Lower Upper

146 100

148 66.4 49.2 73.8

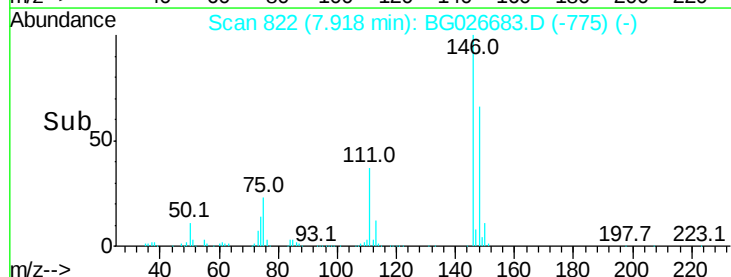
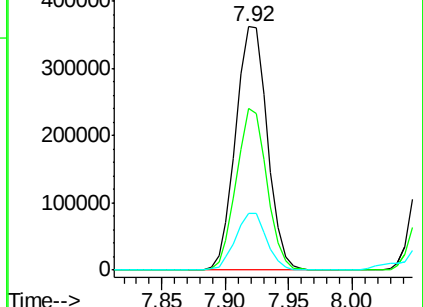
75 23.4 33.4 50.2#

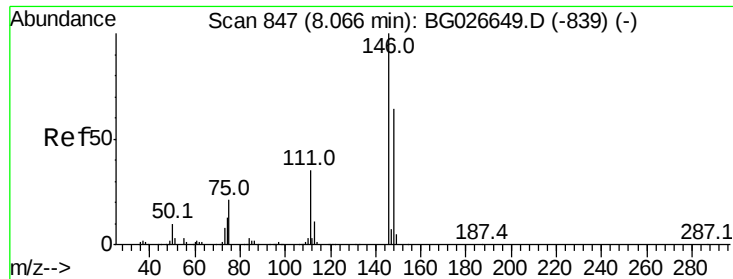


Abundance Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 41.01 ng

RT: 7.92 min Scan# 822

Delta R.T. -0.16 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampled :

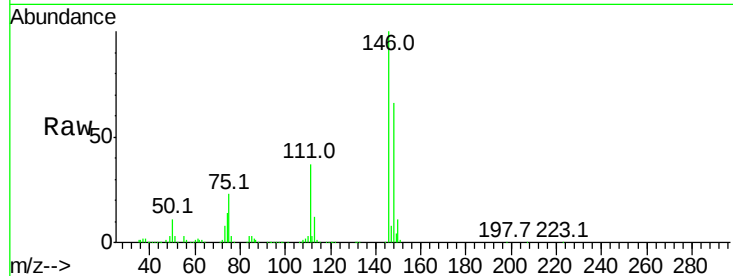
Tot Ion:146 Resp: 627477

Ion Ratio Lower Upper

146 100

148 66.4 52.2 78.2

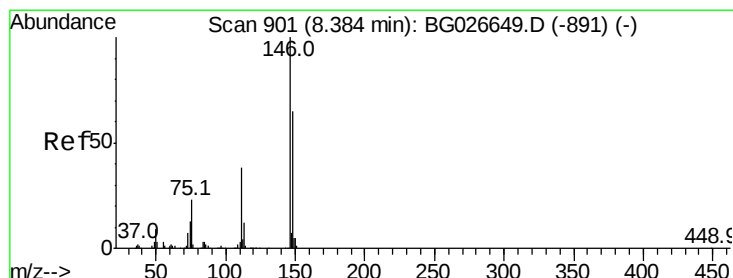
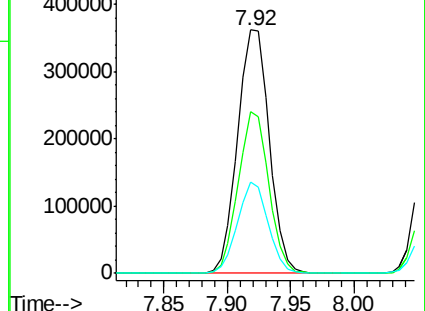
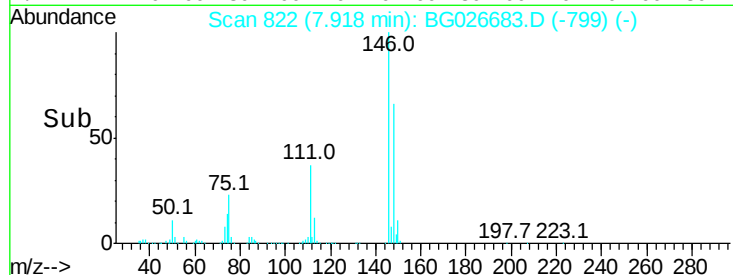
111 37.4 37.0 55.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.12 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

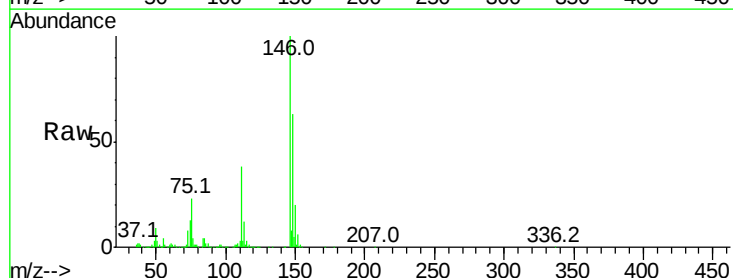
Tgt Ion:146 Resp: 623408

Ion Ratio Lower Upper

146 100

148 63.5 54.6 81.8

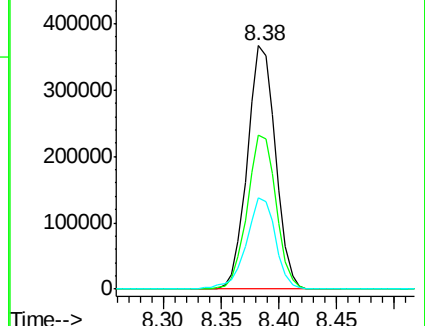
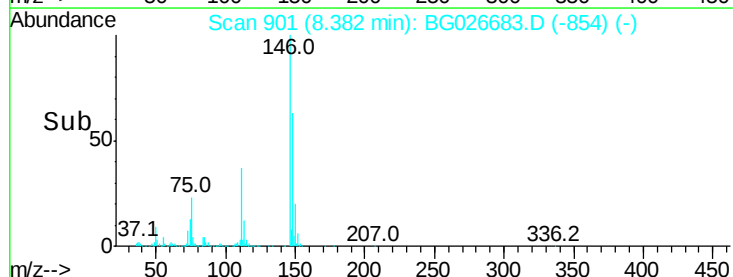
111 37.5 39.7 59.5#

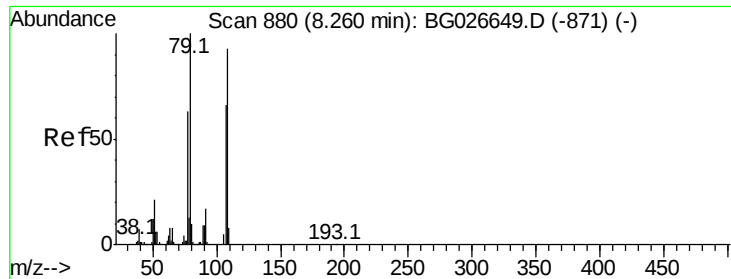


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 50.48 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

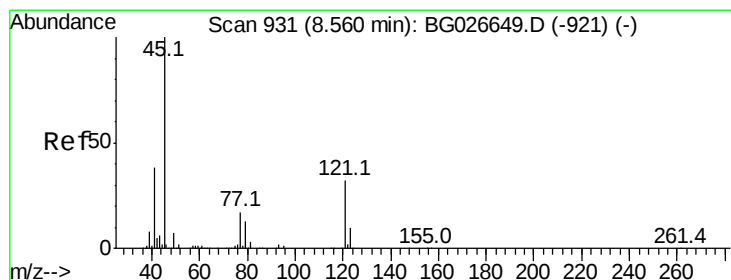
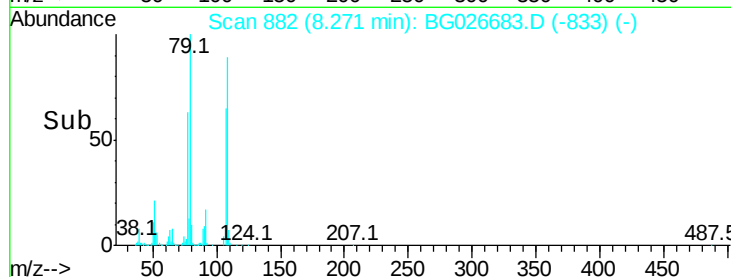
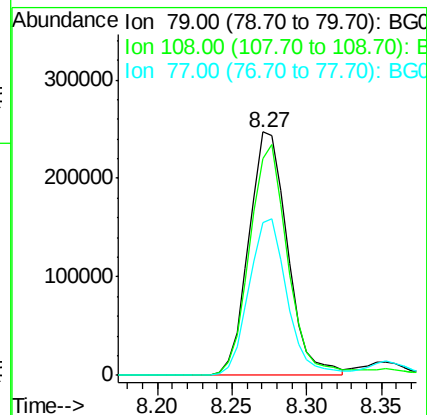
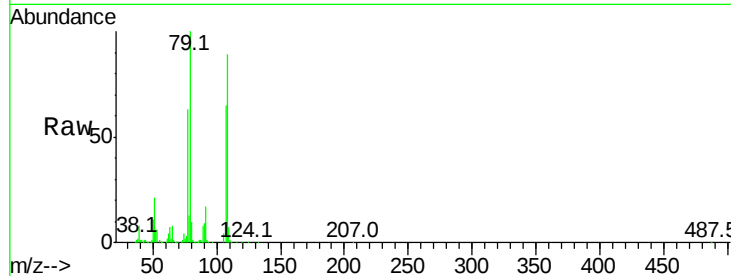
Tot Ion: 79 Resp: 443094

Ion Ratio Lower Upper

79 100

108 89.1 45.5 68.3#

77 62.6 54.3 81.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.48 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

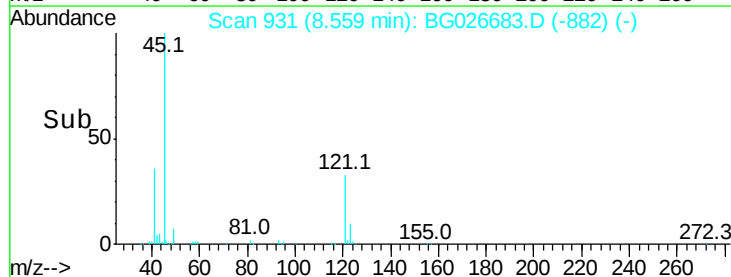
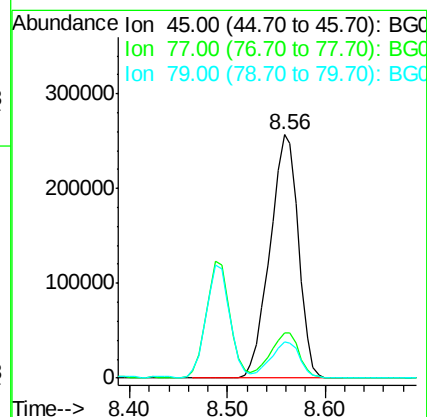
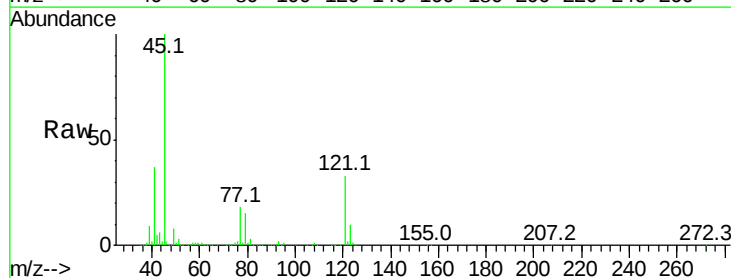
Tgt Ion: 45 Resp: 523126

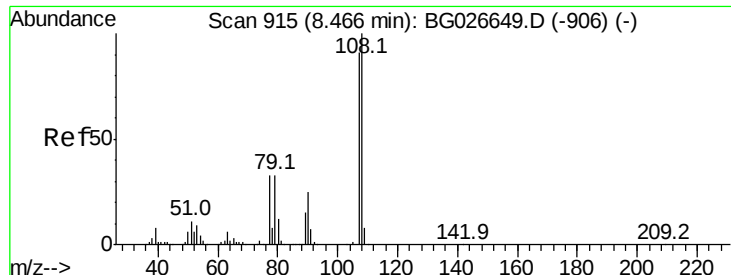
Ion Ratio Lower Upper

45 100

77 18.4 0.0 30.6

79 14.9 0.0 28.5





#17

2-Methylphenol

Concen: 50.53 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG026683.D

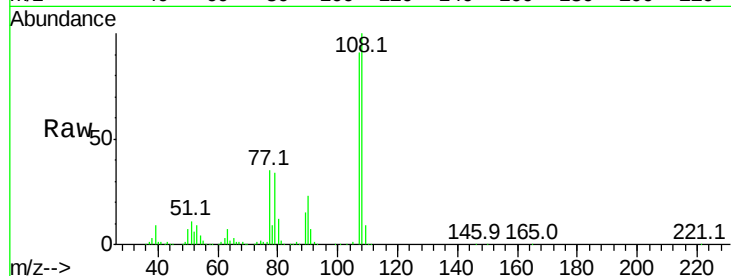
Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampled :

Tot Ion:	107	Resp:	540737
Ion	Ratio	Lower	Upper
107	100		
108	109.8	85.6	128.4
77	38.3	51.4	77.2#
79	37.2	49.2	73.8#



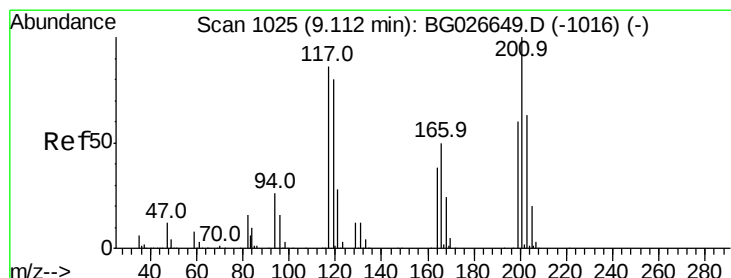
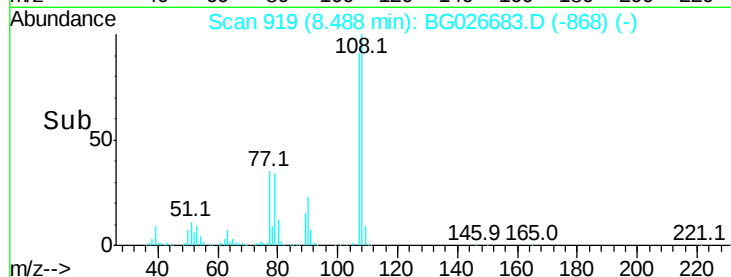
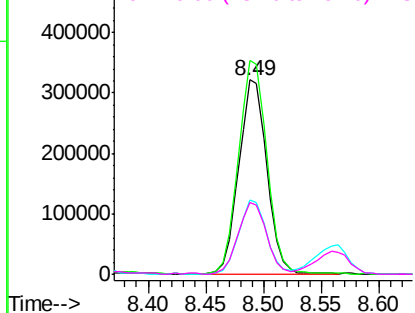
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.08 ng

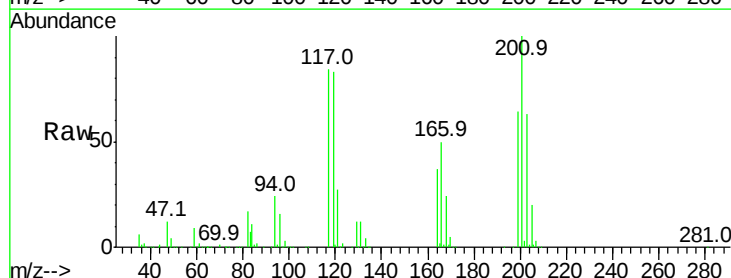
RT: 9.11 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:	117	Resp:	198347
Ion	Ratio	Lower	Upper
117	100		
119	98.8	69.8	104.6
201	118.6	95.4	143.0

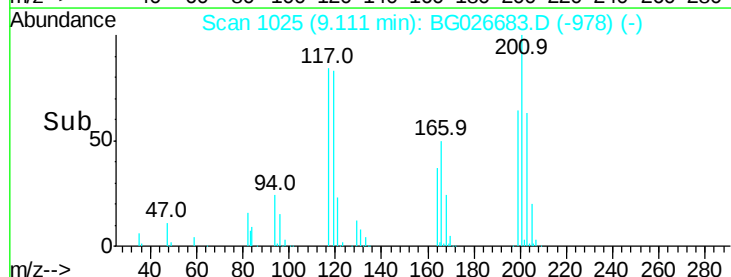
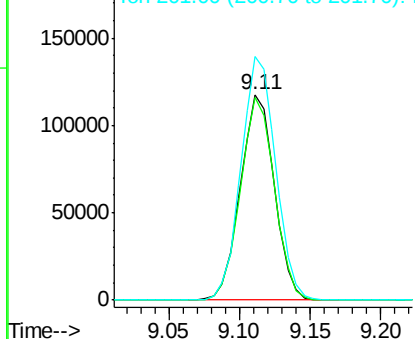


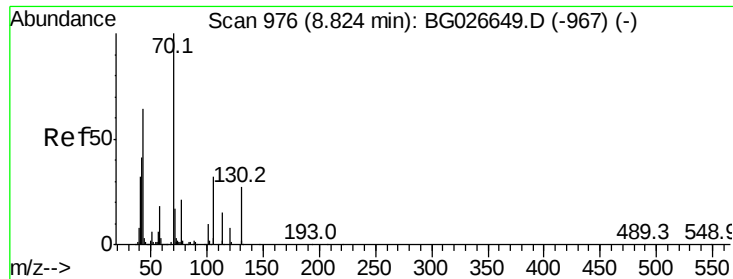
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.02 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 400460

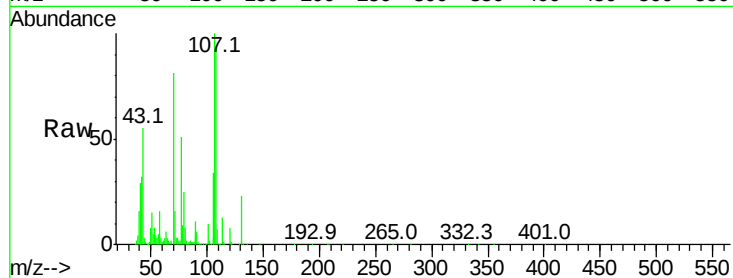
Ion Ratio Lower Upper

70 100

42 39.9 56.1 84.1#

101 12.0 7.5 11.3#

130 28.9 14.6 21.8#

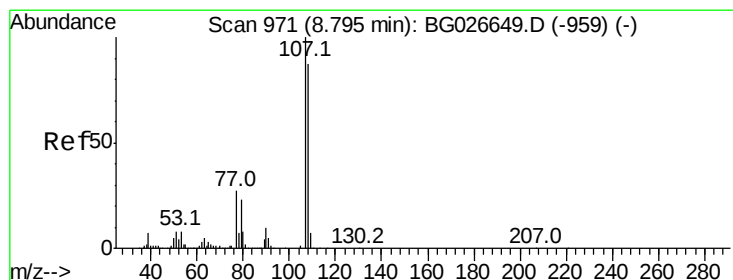
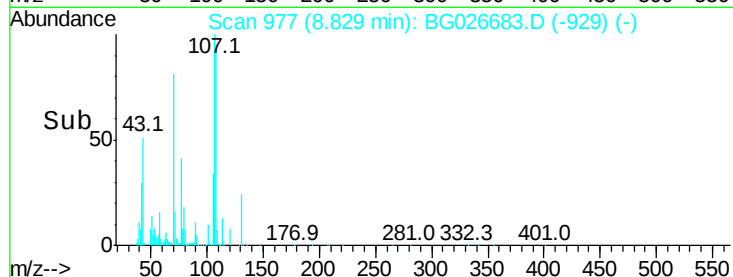
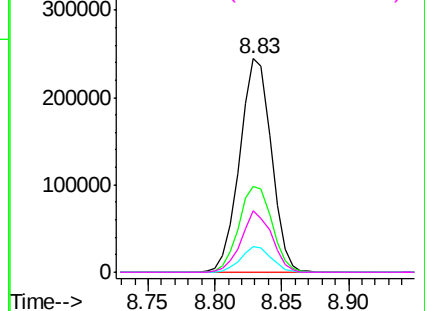


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 51.43 ng

RT: 8.82 min Scan# 975

Delta R.T. 0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:107 Resp: 756267

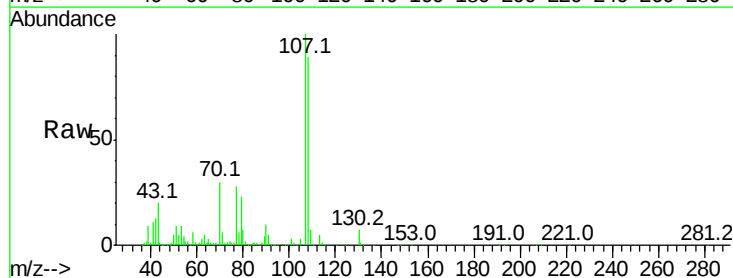
Ion Ratio Lower Upper

107 100

108 89.5 70.8 110.8

77 28.5 25.8 65.8

79 23.2 20.1 60.1

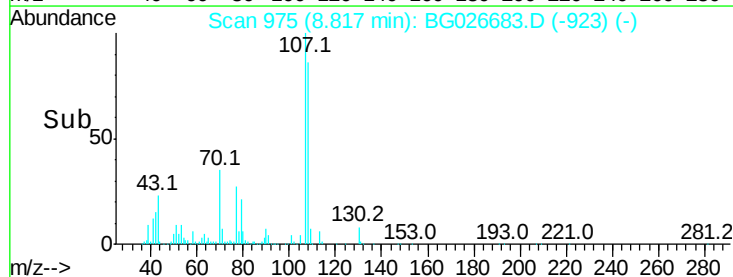
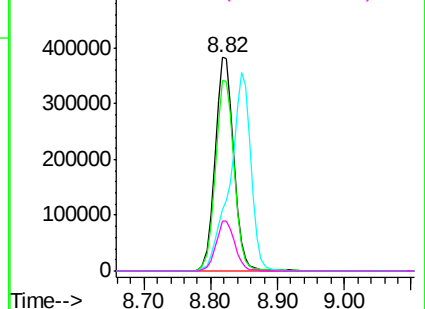


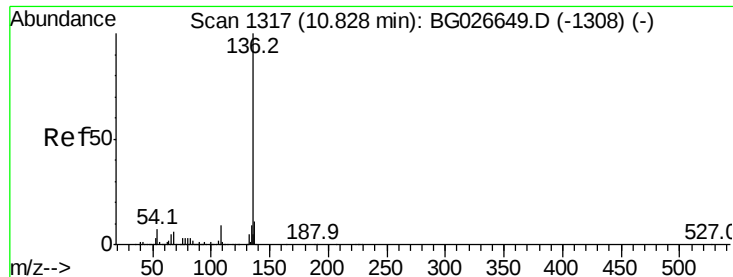
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

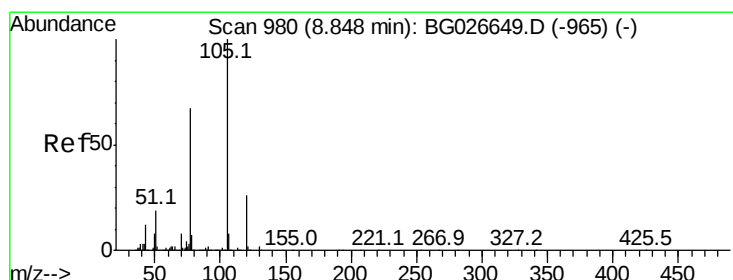
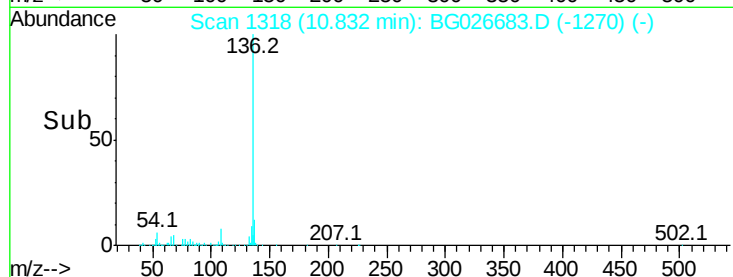
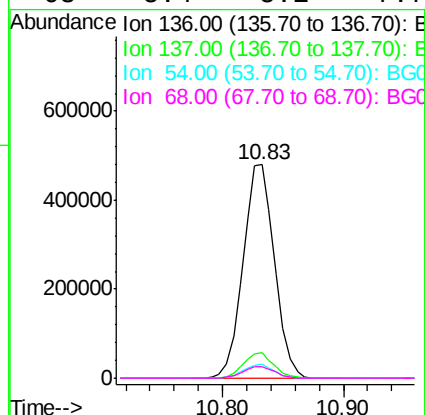
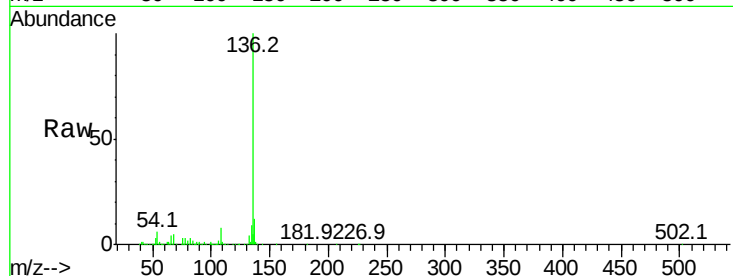




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.83 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

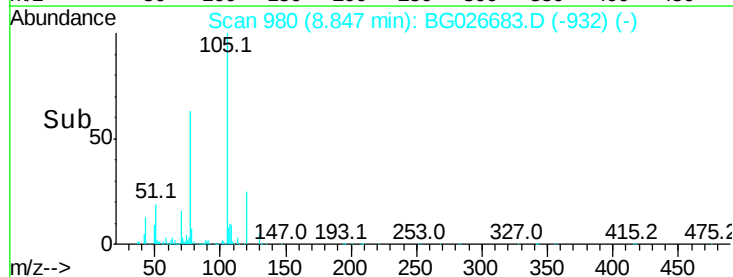
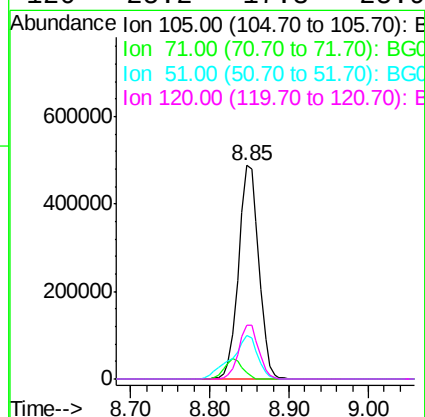
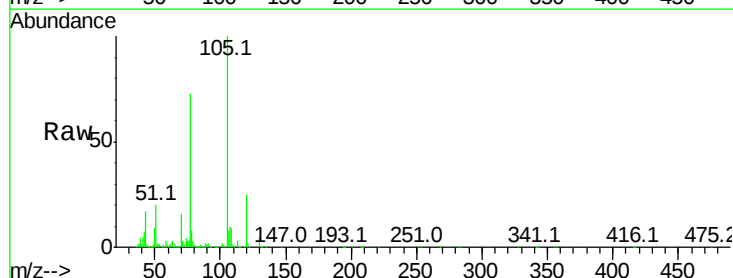
Instrument :
BNA_G
ClientSampleId :

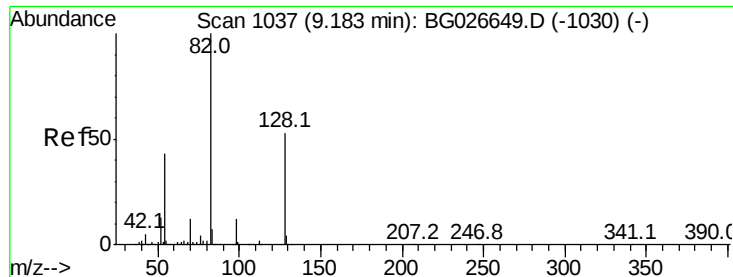
Tot Ion:136	Resp:	865920	
Ion Ratio	Lower	Upper	
136 100			
137 11.8	8.9	13.3	
54 6.5	9.3	13.9#	
68 5.4	5.1	7.7	



#22
Acetophenone
Concen: 43.43 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt	Ion:105	Resp:	859409
Ion	Ratio	Lower	Upper
105	100		
71	2.8	0.9	1.3#
51	20.5	34.0	51.0#
120	25.2	17.3	25.9

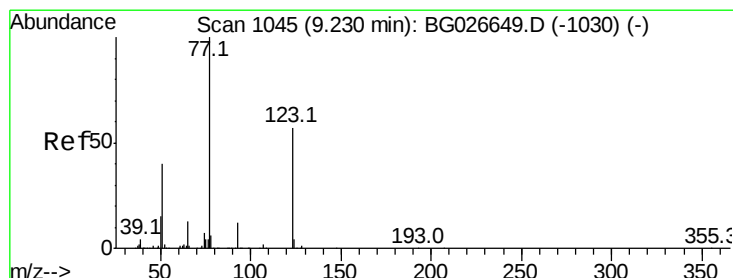
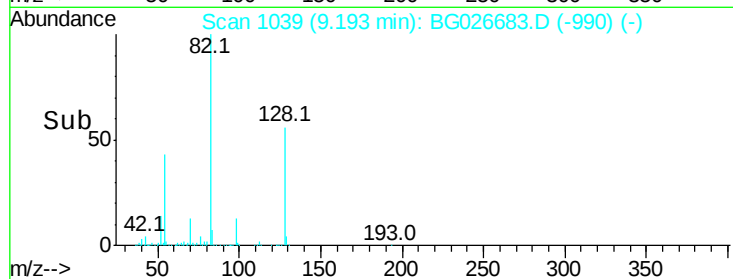
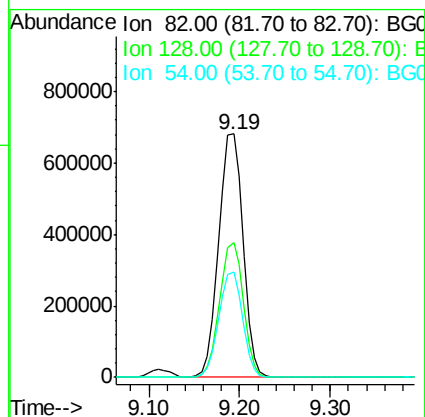
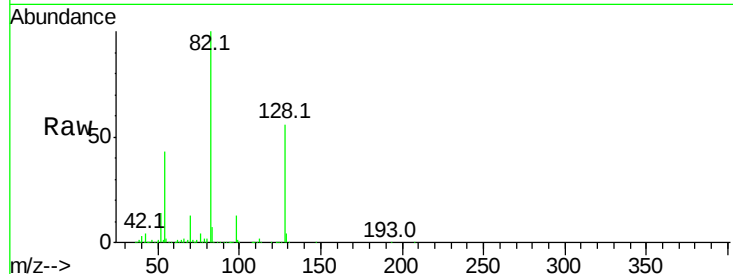




#23
 Nitrobenzene-d5
 Concen: 102.12 ng
 RT: 9.19 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

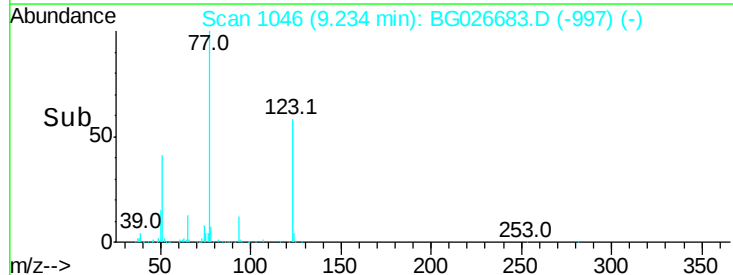
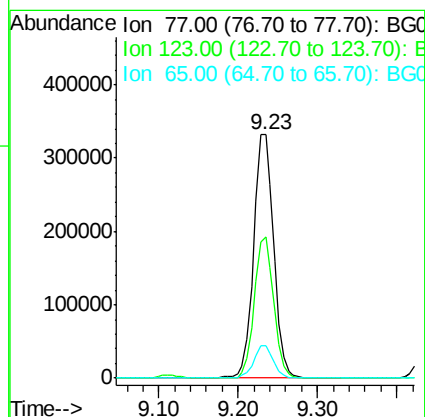
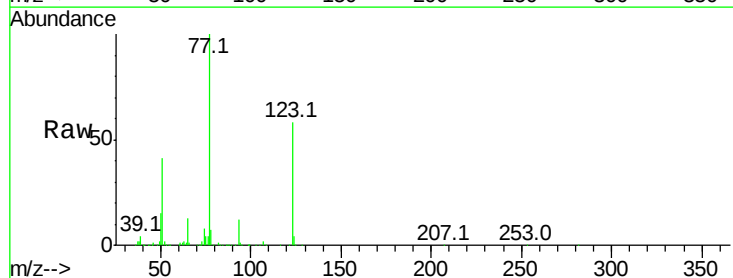
Instrument :
 BNA_G
 ClientSampleId :

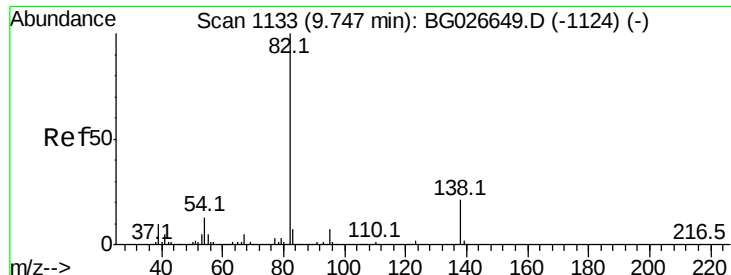
Tot Ion: 82 Resp: 1267239
 Ion Ratio Lower Upper
 82 100
 128 55.6 26.4 39.6#
 54 43.4 49.4 74.2#



#24
 Nitrobenzene
 Concen: 44.56 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion: 77 Resp: 585631
 Ion Ratio Lower Upper
 77 100
 123 57.8 26.1 39.1#
 65 13.2 12.4 18.6





#25

Isophorone

Concen: 44.89 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

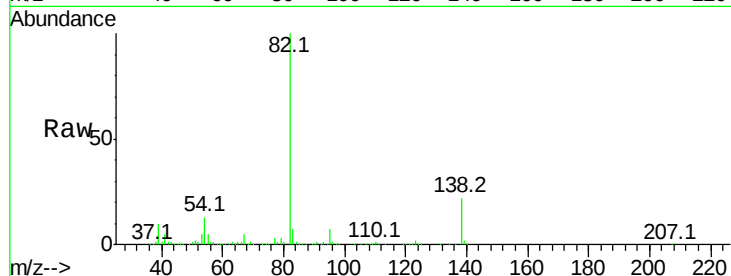
Tot Ion: 82 Resp: 1141928

Ion Ratio Lower Upper

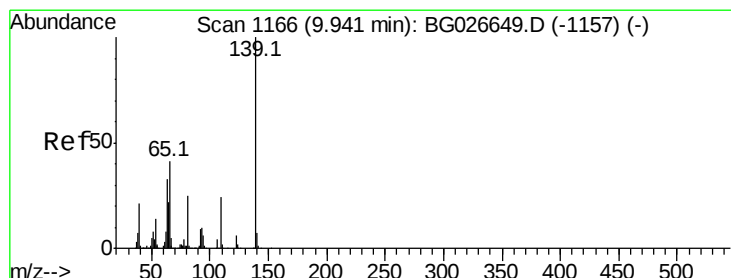
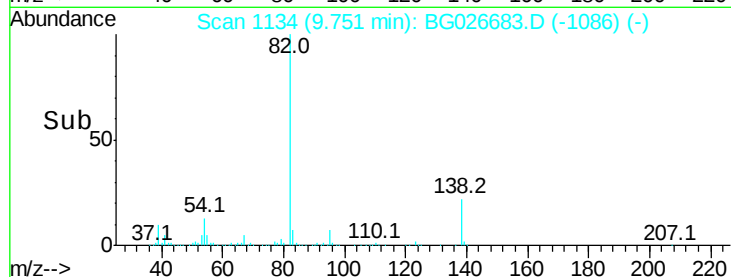
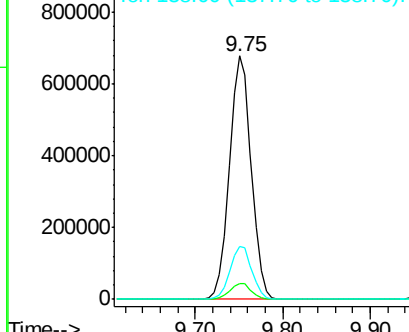
82 100

95 6.7 7.5 11.3#

138 21.8 12.3 18.5#



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



#26

2-Nitrophenol

Concen: 47.62 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

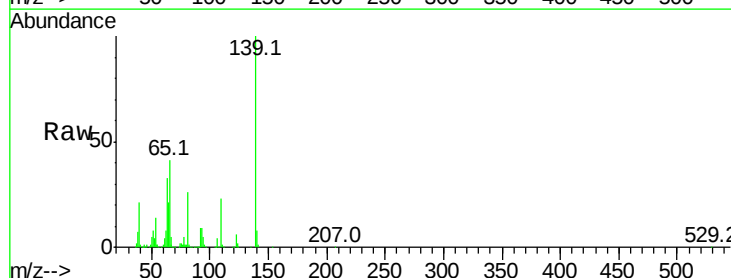
Tgt Ion: 139 Resp: 379170

Ion Ratio Lower Upper

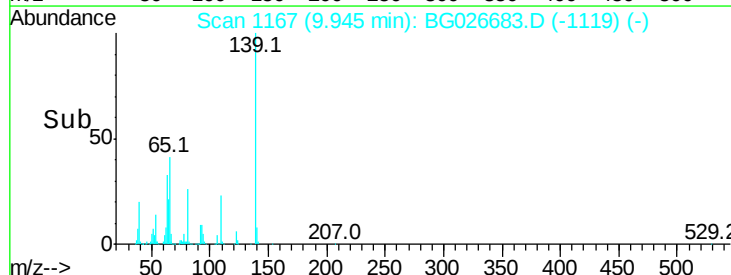
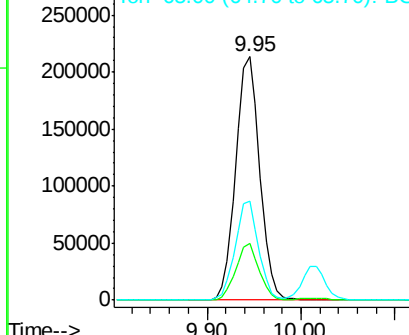
139 100

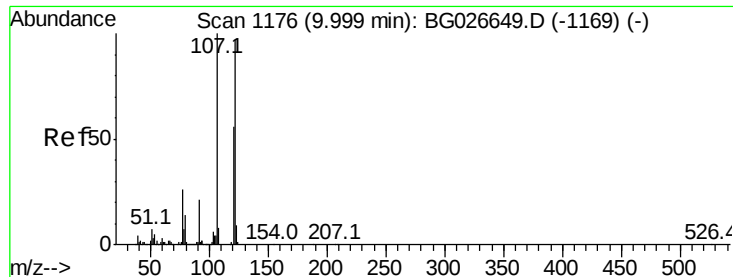
109 23.2 38.6 58.0#

65 40.8 57.1 85.7#



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





#27

2,4-Dimethylphenol

Concen: 48.76 ng

RT: 10.02 min Scan# 1179

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampled :

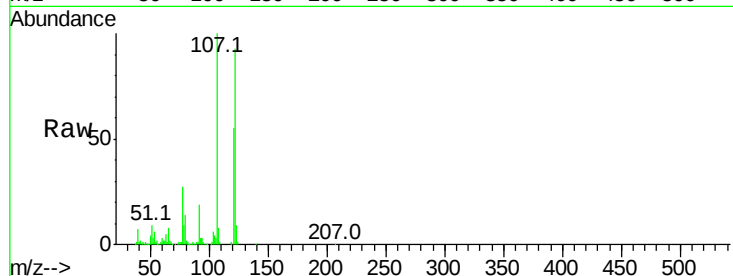
Tot Ion:122 Resp: 626636

Ion Ratio Lower Upper

122 100

107 107.1 104.2 156.4

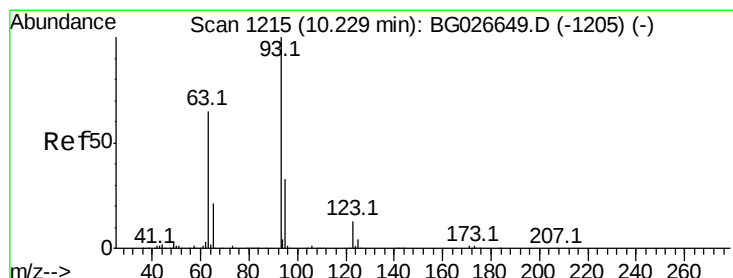
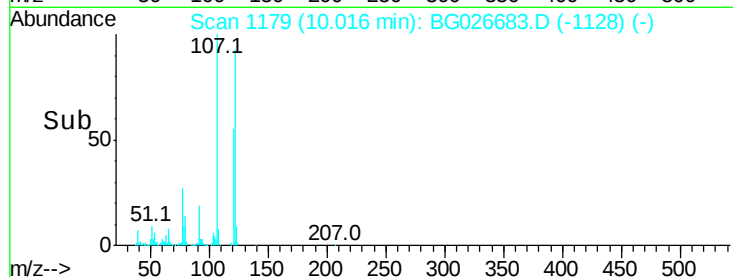
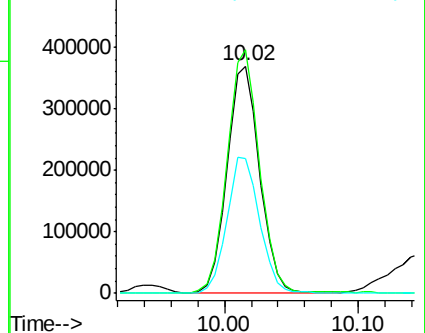
121 59.4 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.25 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

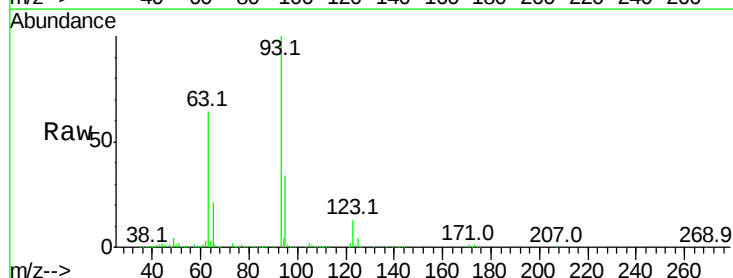
Tgt Ion: 93 Resp: 752515

Ion Ratio Lower Upper

93 100

95 33.7 25.7 38.5

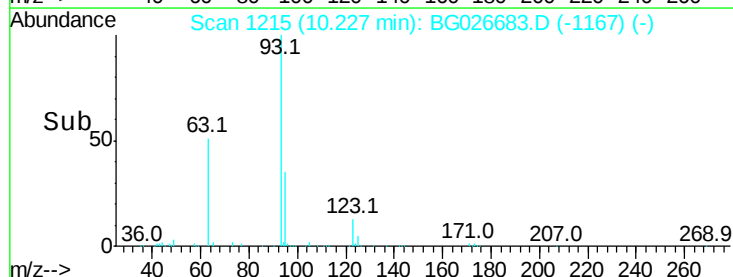
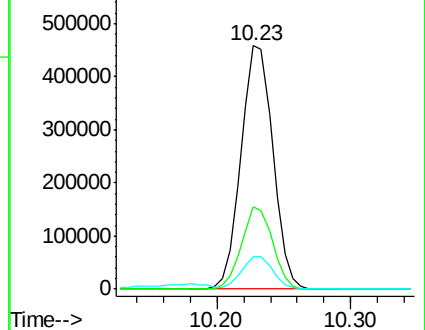
123 13.2 8.3 12.5#

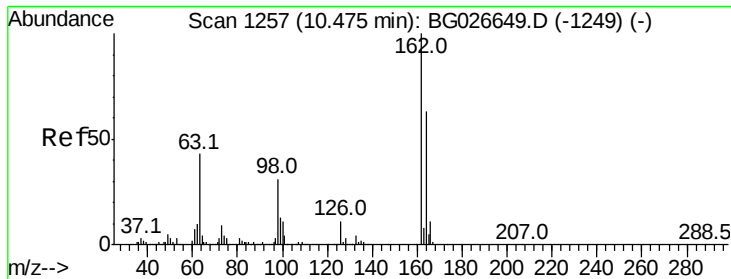


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

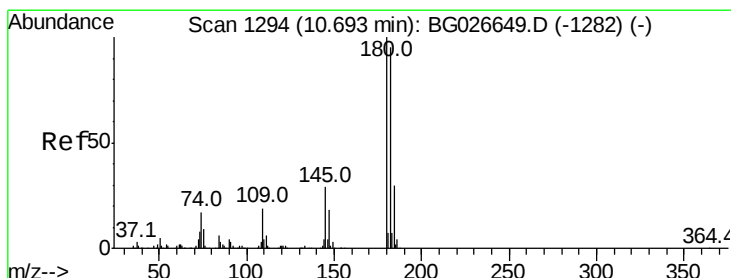
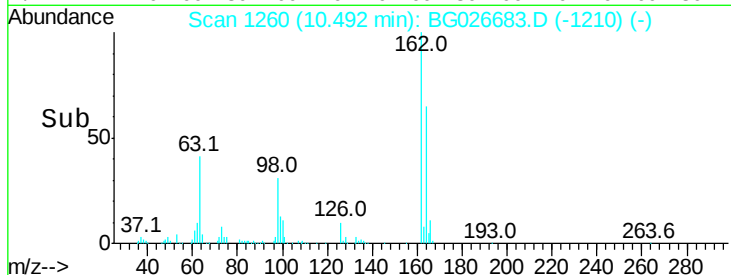
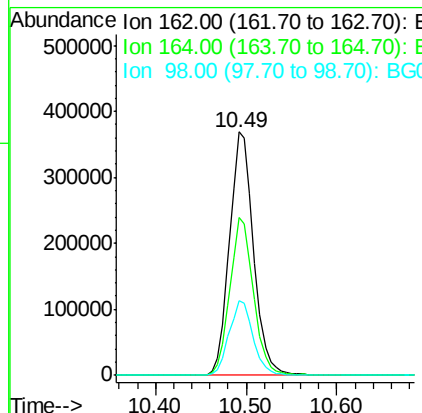
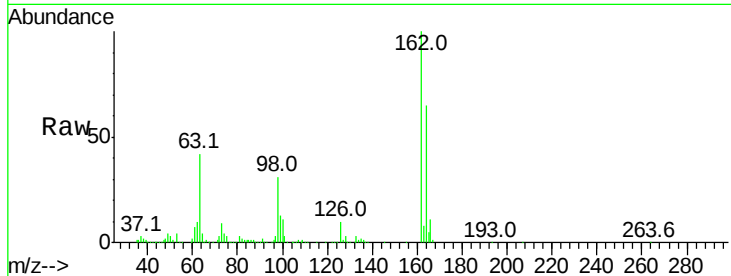




#29
 2,4-Dichlorophenol
 Concen: 50.65 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

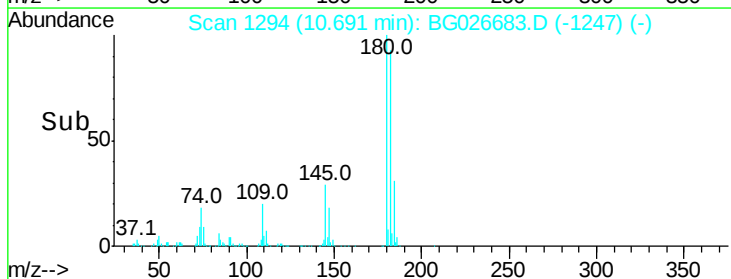
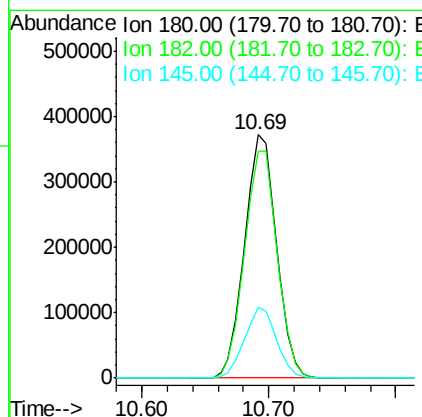
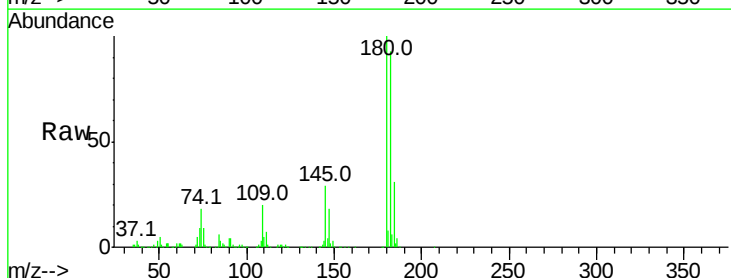
Instrument :
 BNA_G
 ClientSampleId :

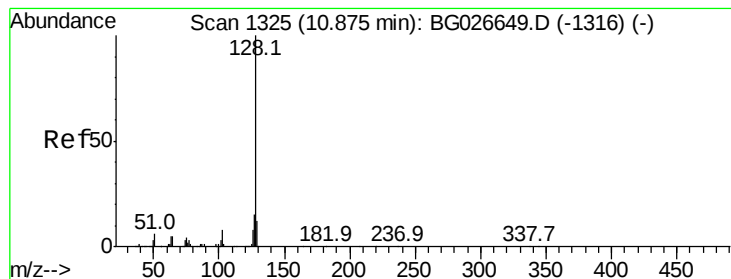
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	42.4	82.4
98	30.9	20.3	60.3



#30
 1,2,4-Trichlorobenzene
 Concen: 43.66 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.0	115.4
145	28.8	23.4	35.0





#31

Naphthalene

Concen: 43.75 ng

RT: 10.88 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

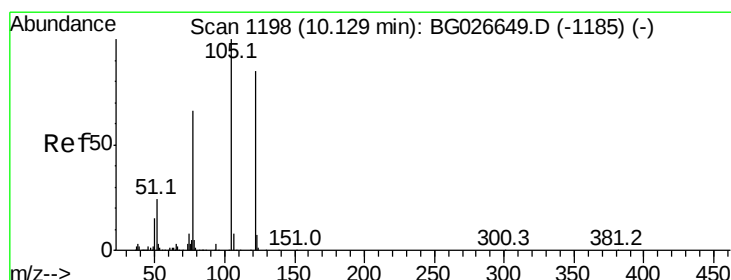
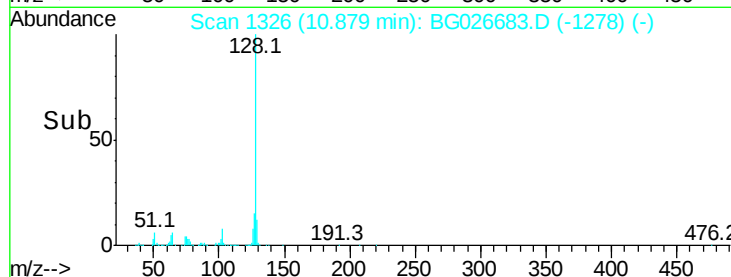
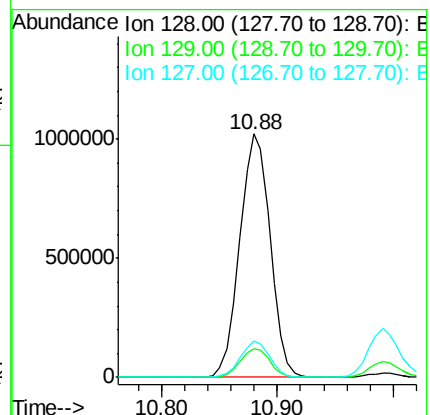
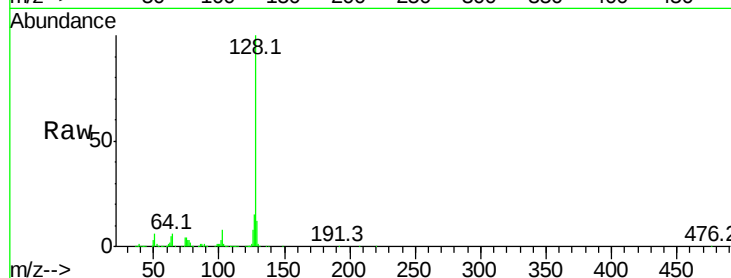
Tot Ion:128 Resp: 1859313

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

127 14.8 11.4 17.0



#32

Benzoic acid

Concen: 46.75 ng

RT: 10.18 min Scan# 1207

Delta R.T. 0.04 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

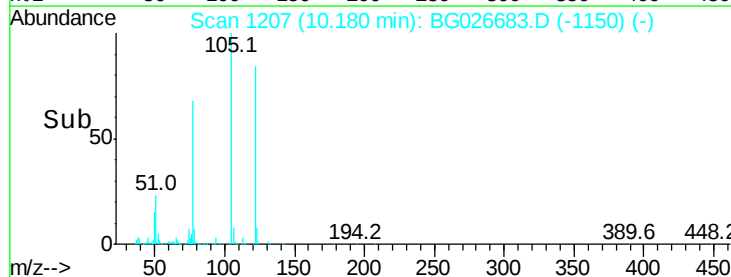
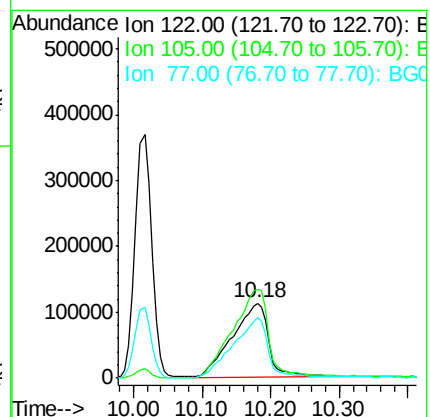
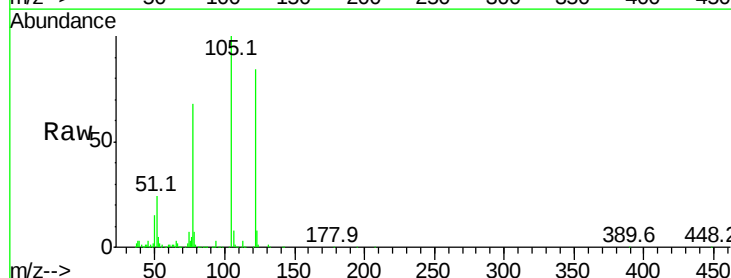
Tgt Ion:122 Resp: 418706

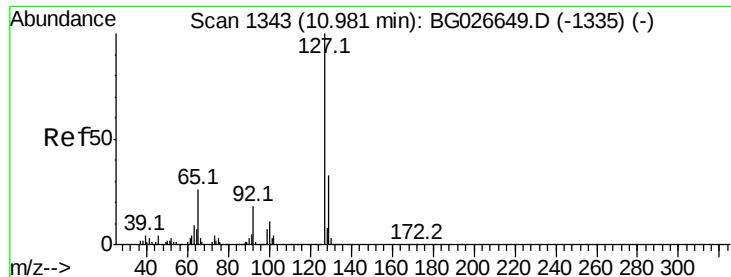
Ion Ratio Lower Upper

122 100

105 119.0 120.1 160.1#

77 80.9 104.6 144.6#

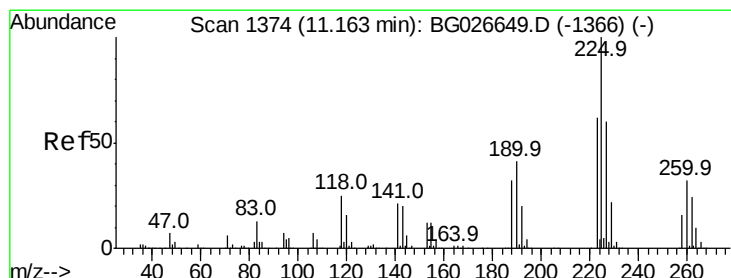
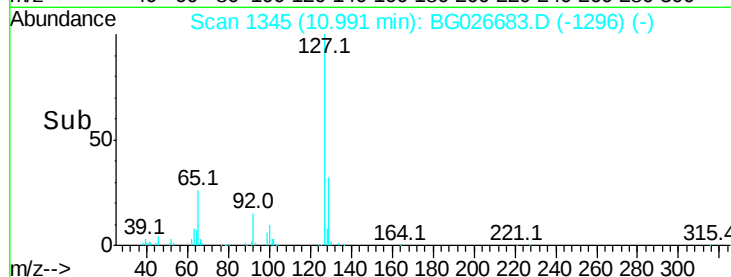
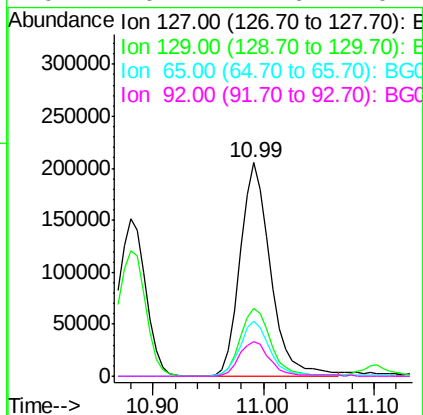
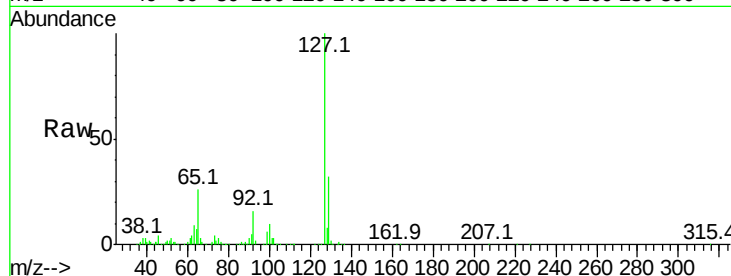




#33
4-Chloroaniline
Concen: 21.70 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

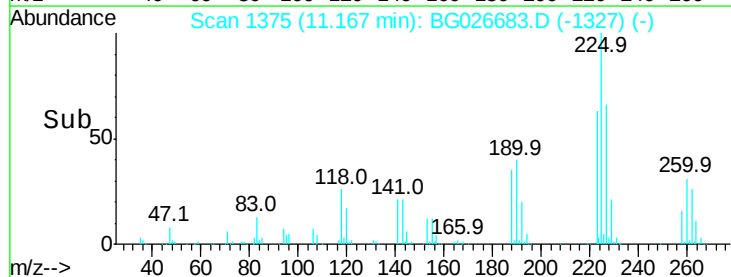
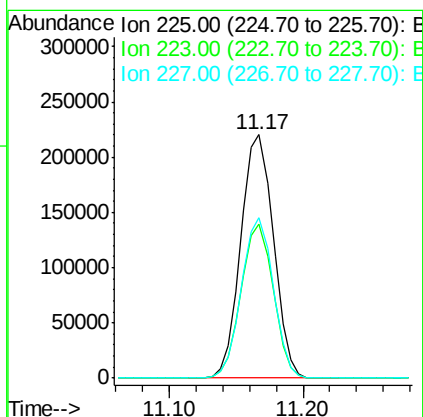
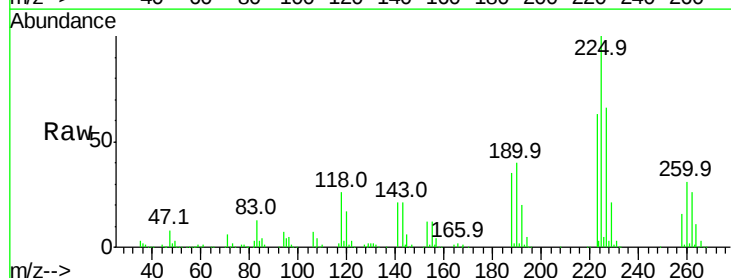
Instrument :
BNA_G
ClientSampleId :

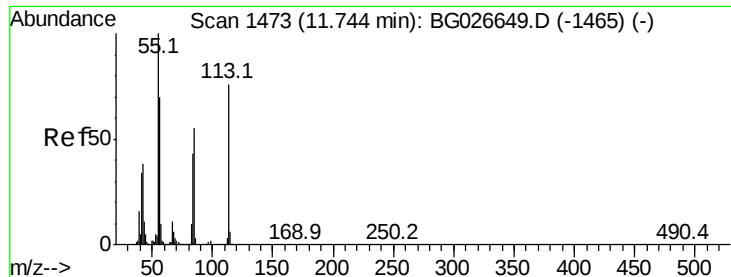
Tot Ion:	127	Resp:	395606
Ion	Ratio	Lower	Upper
127	100		
129	31.9	23.6	35.4
65	25.7	37.7	56.5#
92	16.4	17.6	26.4#



#34
Hexachlorobutadiene
Concen: 43.60 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:	225	Resp:	373494
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	65.9	49.0	73.6





#35

Caprolactam

Concen: 35.43 ng

RT: 11.77 min Scan# 1477

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

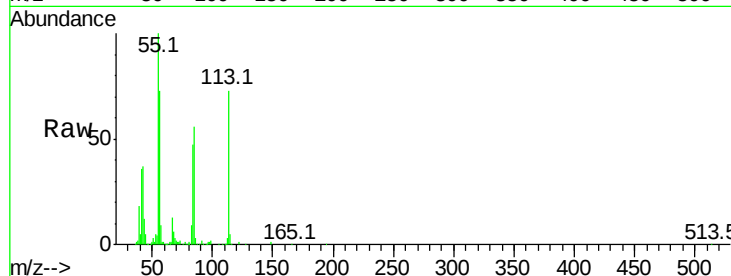
Tot Ion:113 Resp: 184935

Ion Ratio Lower Upper

113 100

55 137.4 198.6 238.6#

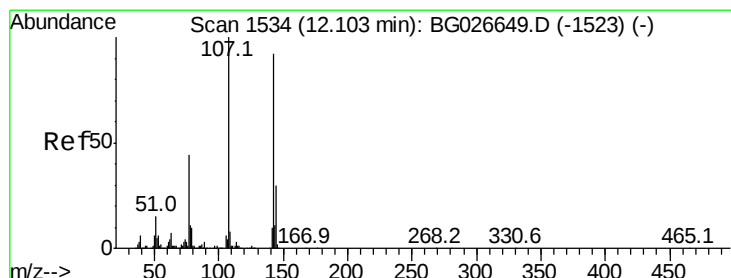
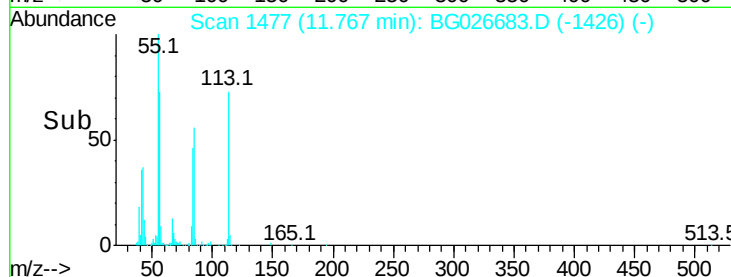
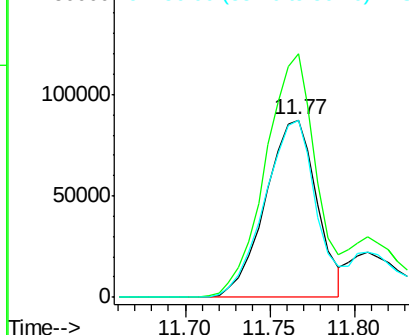
56 100.0 140.4 180.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.64 ng

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

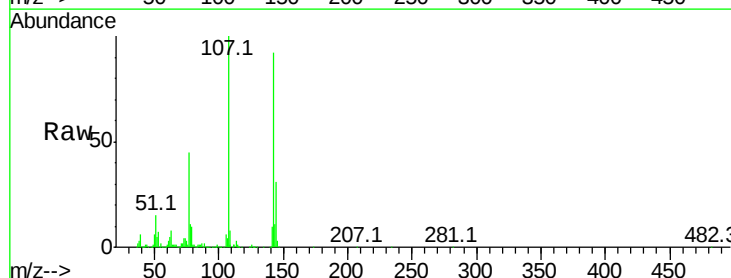
Tgt Ion:107 Resp: 671993

Ion Ratio Lower Upper

107 100

144 30.6 17.4 26.0#

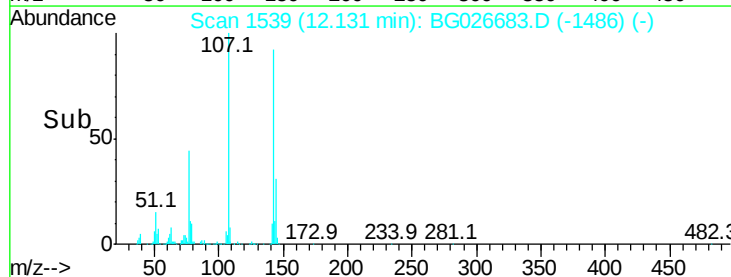
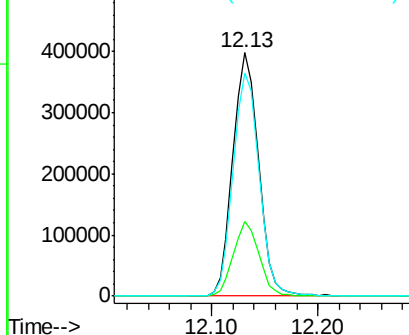
142 91.6 54.1 81.1#

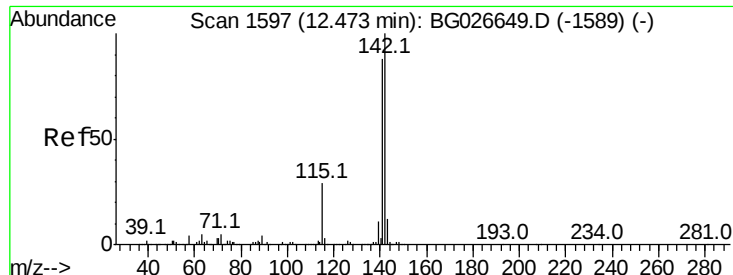


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

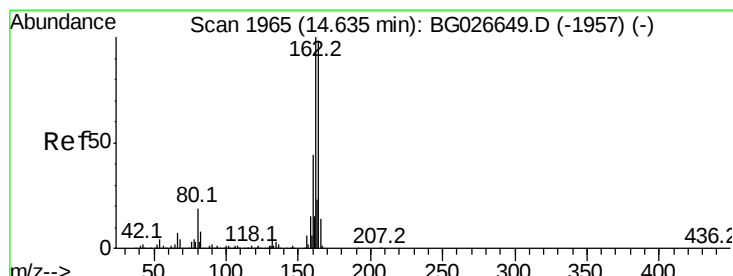
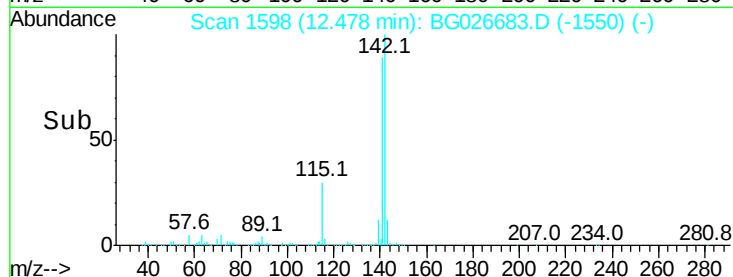
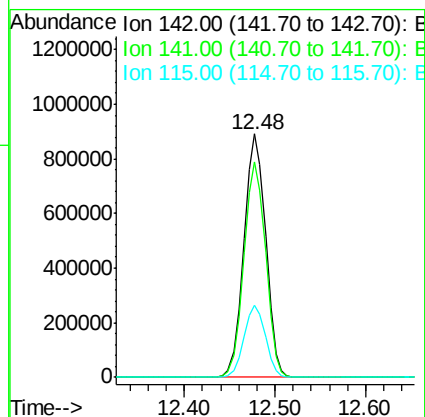
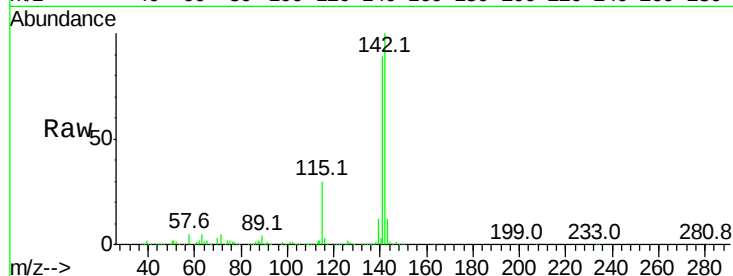




#37
2-Methylnaphthalene
Concen: 45.34 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

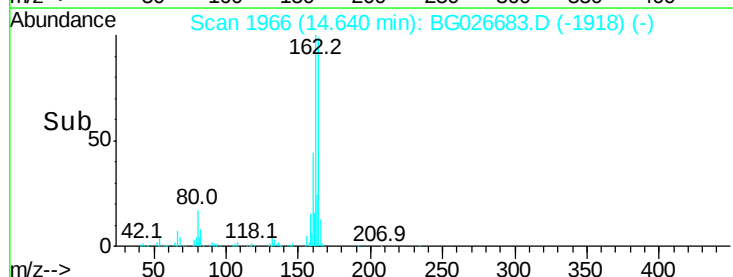
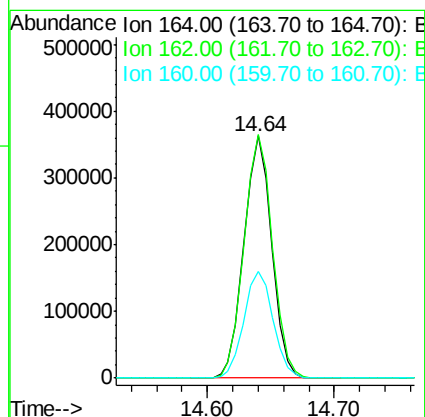
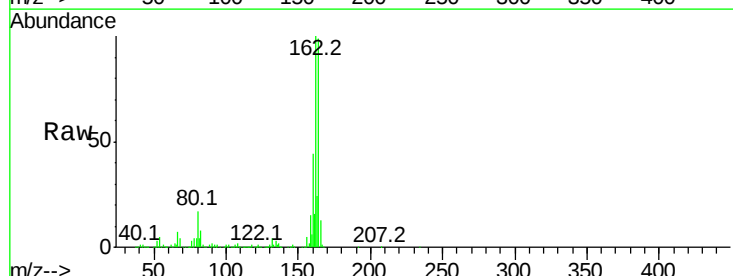
Instrument :
BNA_G
ClientSampleId :

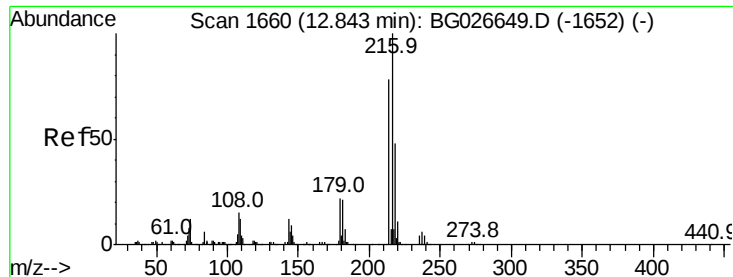
Tot Ion:142 Resp: 1482938
Ion Ratio Lower Upper
142 100
141 88.5 70.4 105.6
115 29.7 35.5 53.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:164 Resp: 551412
Ion Ratio Lower Upper
164 100
162 100.6 85.1 127.7
160 44.0 34.7 52.1

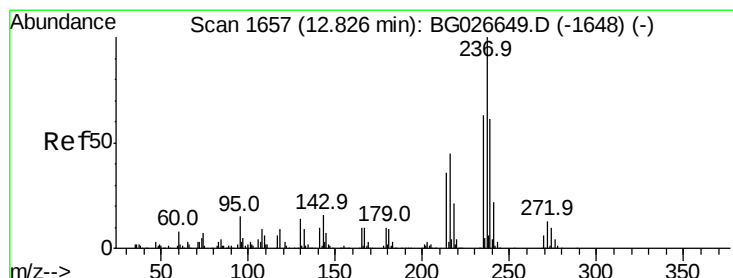
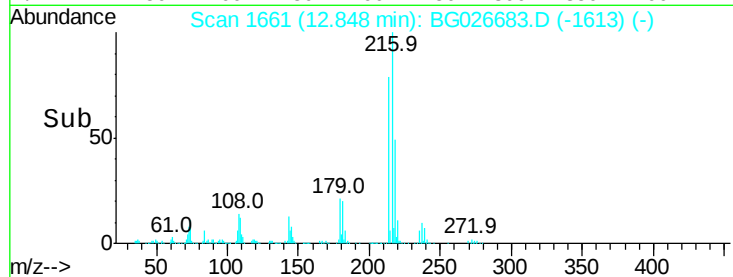
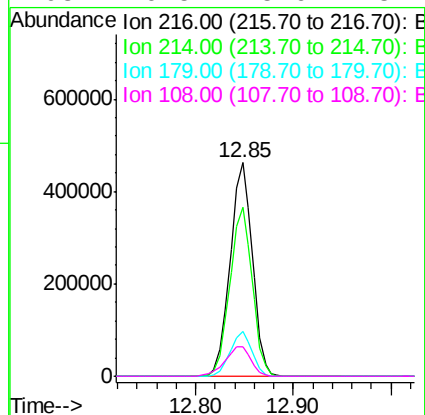
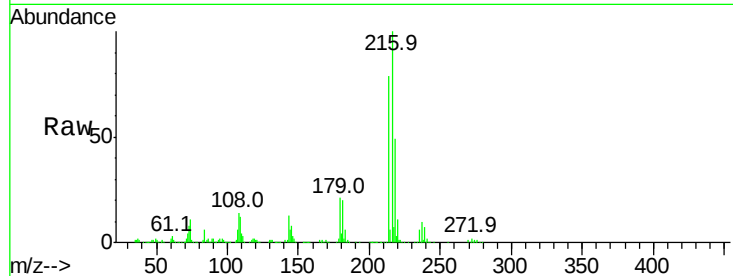




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.82 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

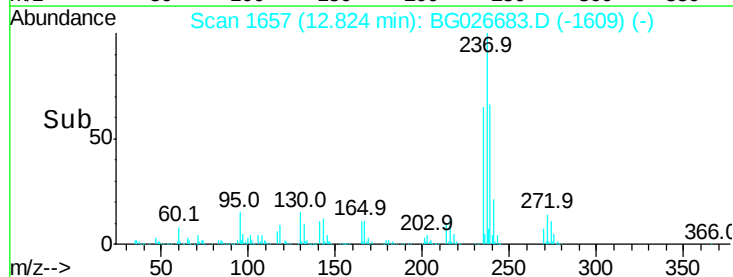
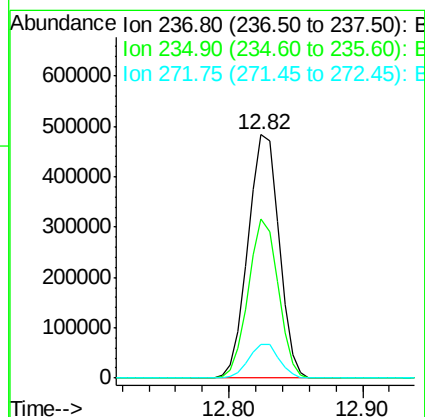
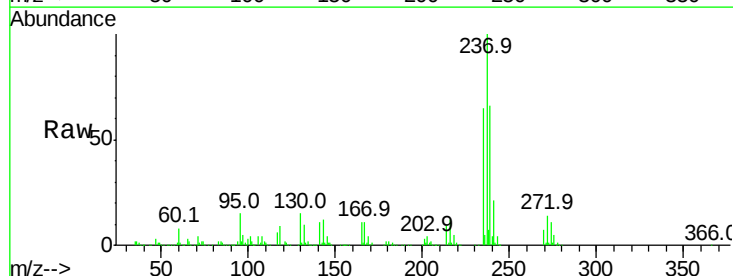
Instrument :
 BNA_G
 ClientSampleId :

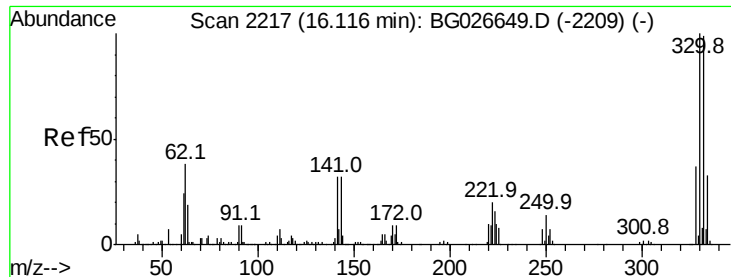
Tot Ion:	216	Resp:	727311
Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.4	96.6
179	20.4	17.4	26.0
108	16.5	15.6	23.4



#40
 Hexachlorocyclopentadiene
 Concen: 90.20 ng
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:	237	Resp:	774167
Ion	Ratio	Lower	Upper
237	100		
235	65.2	39.4	79.4
272	13.7	0.0	32.0

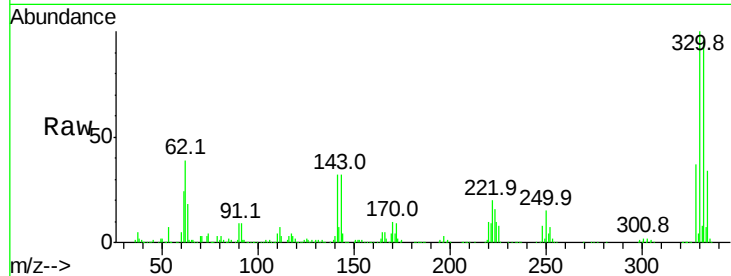




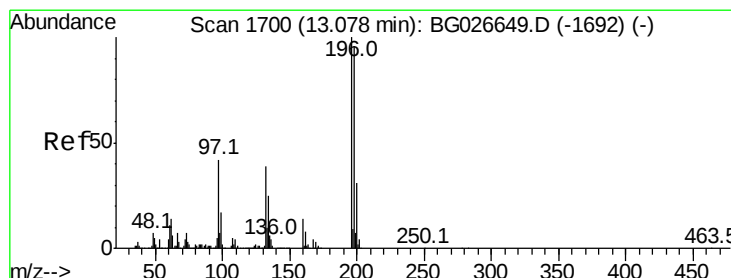
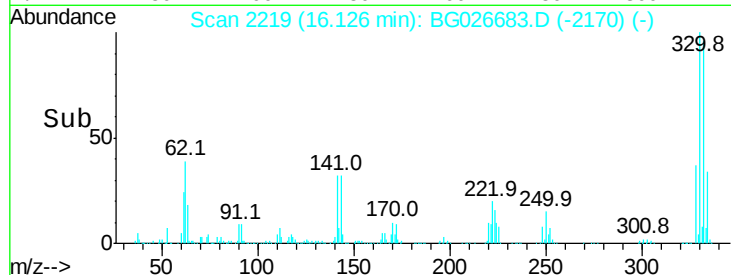
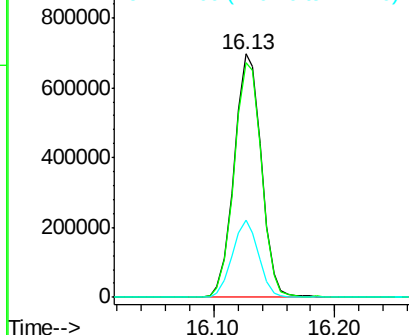
#41
 2,4,6-Tribromophenol
 Concen: 141.69 ng
 RT: 16.13 min Scan# 2219
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 1088669
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.3 115.9
 141 30.8 32.1 48.1#

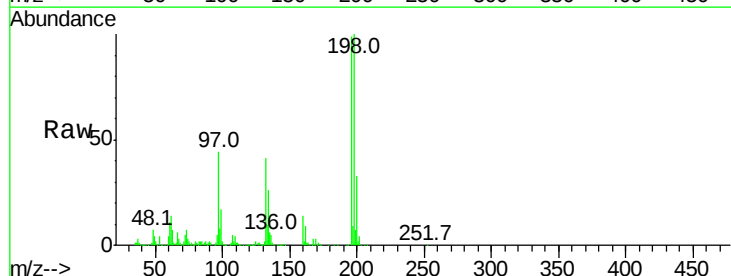


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

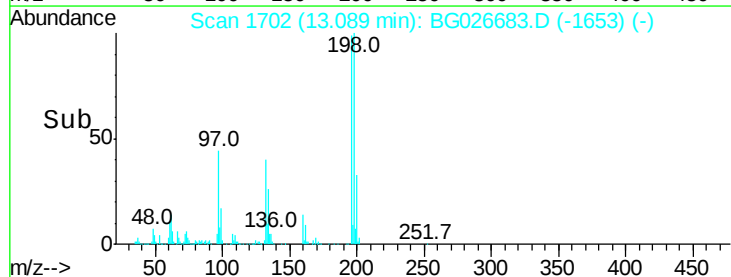
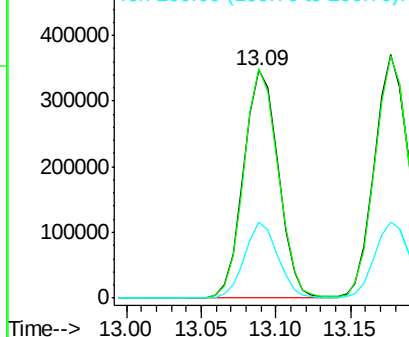


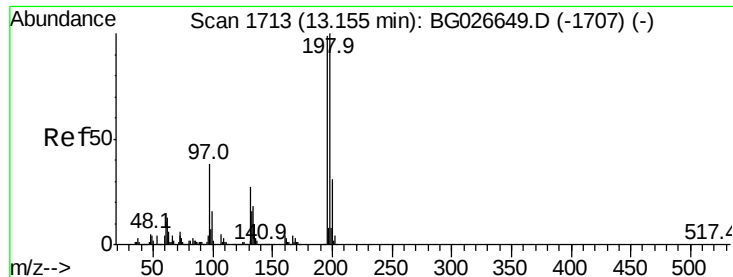
#42
 2,4,6-Trichlorophenol
 Concen: 46.45 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:196 Resp: 561745
 Ion Ratio Lower Upper
 196 100
 198 100.6 81.4 122.2
 200 33.4 27.0 40.6



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

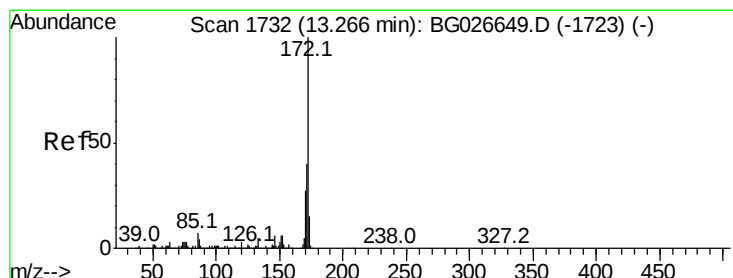
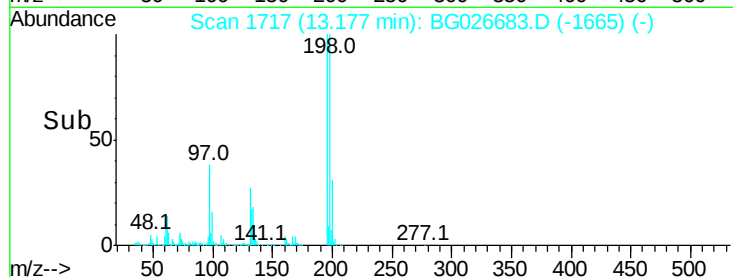
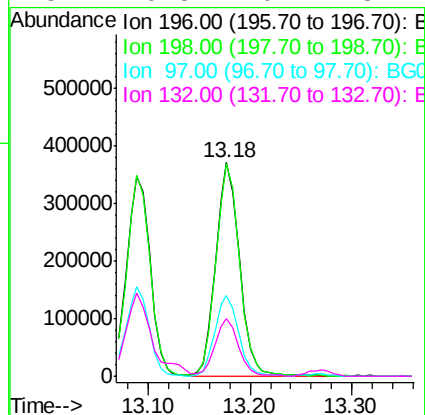
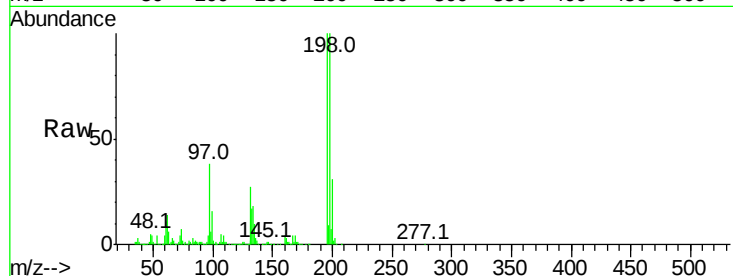




#43
2,4,5-Trichlorophenol
Concen: 46.98 ng
RT: 13.18 min Scan# 1717
Delta R.T. 0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

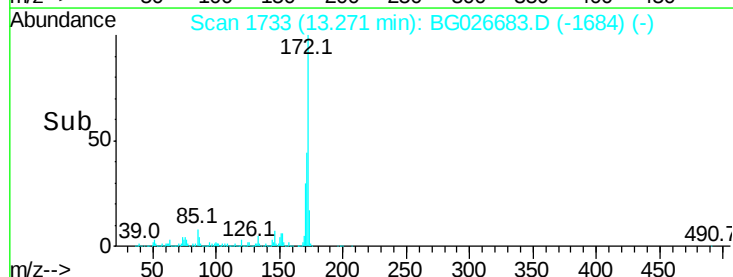
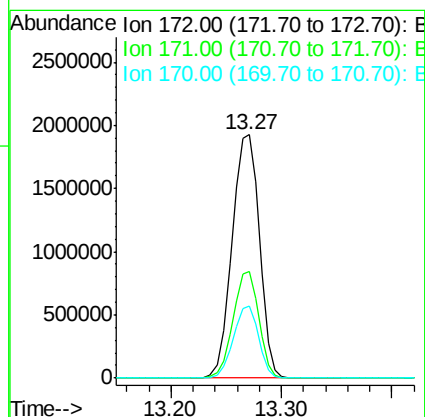
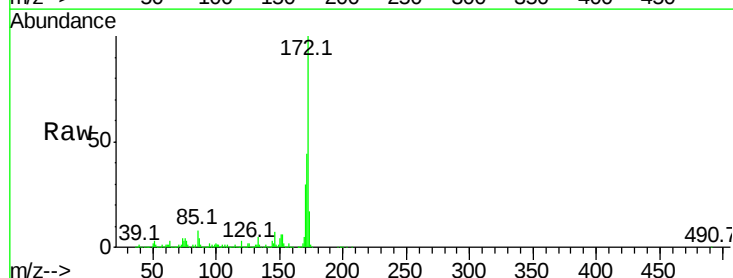
Instrument :
BNA_G
ClientSampleId :

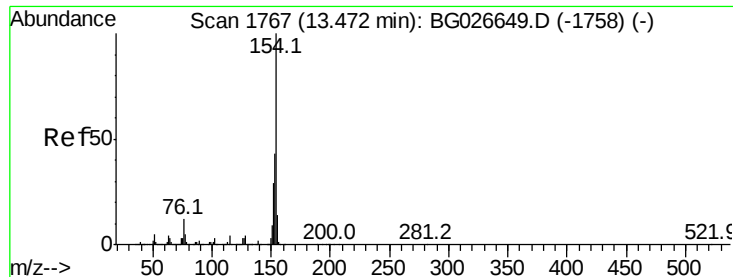
Tot Ion	Ratio	Lower	Upper
196	100		
198	99.6	79.9	119.9
97	37.9	45.4	68.0
132	26.8	20.7	31.1



#44
2-Fluorobiphenyl
Concen: 90.34 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.8	32.2	48.2
170	29.6	21.8	32.6





#45

1,1'-Biphenyl

Concen: 42.38 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

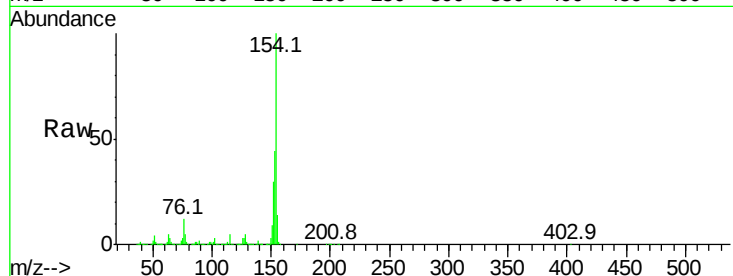
Instrument :

BNA_G

ClientSampleId :

Tot Ion:154 Resp: 1899108

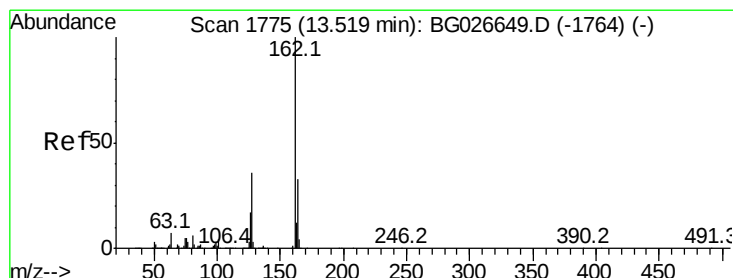
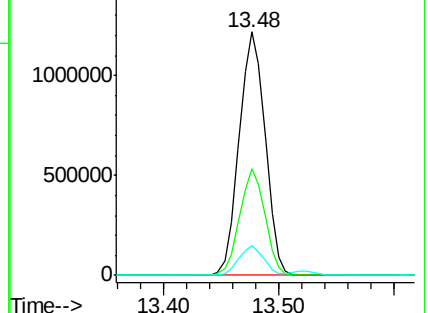
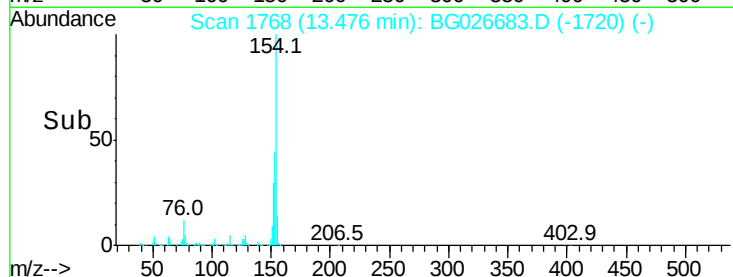
Ion	Ratio	Lower	Upper
154	100		
153	43.7	23.0	63.0
76	12.1	0.0	33.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 43.35 ng

RT: 13.52 min Scan# 1776

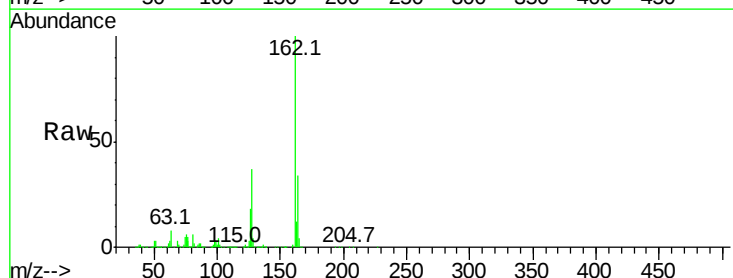
Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:162 Resp: 1472104

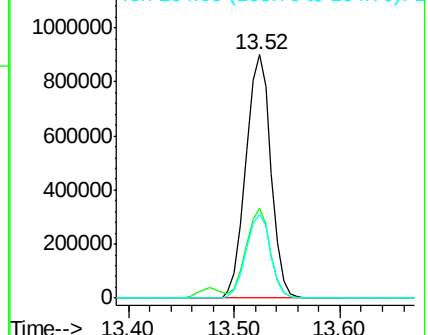
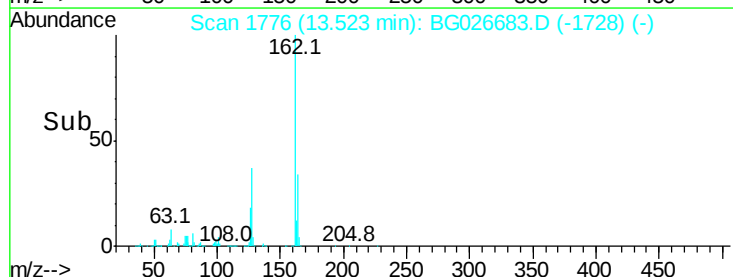
Ion	Ratio	Lower	Upper
162	100		
127	37.1	32.2	48.4
164	34.5	27.3	40.9

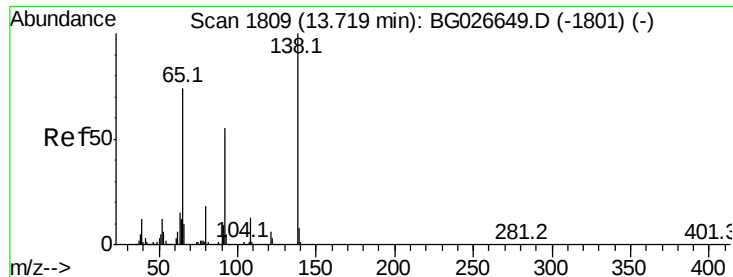


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

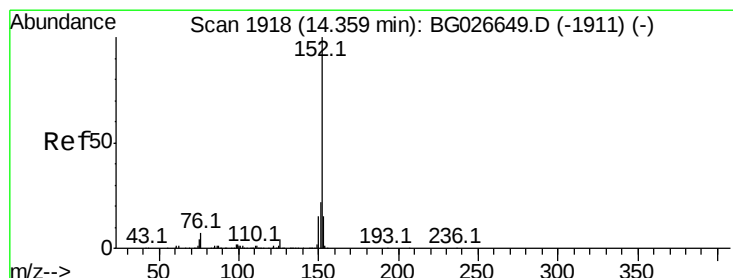
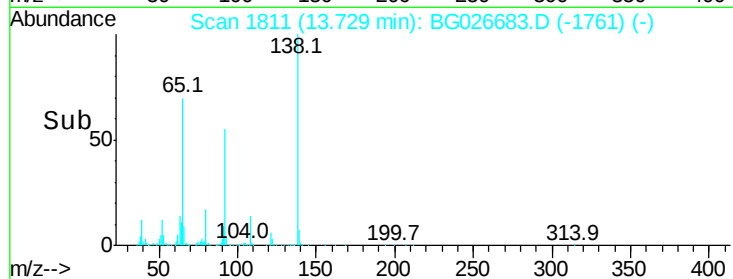
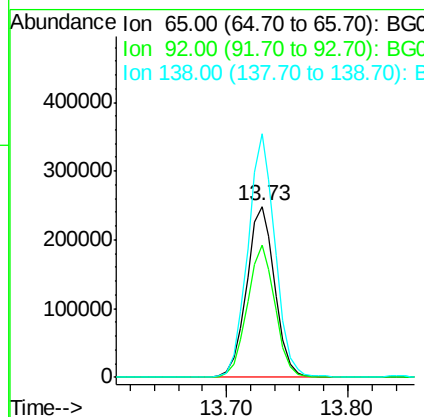
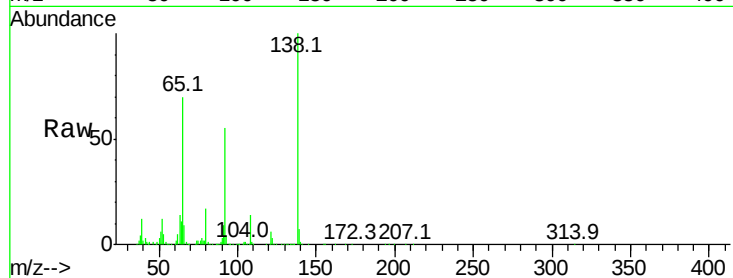




#47
2-Nitroaniline
Concen: 46.31 ng
RT: 13.73 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

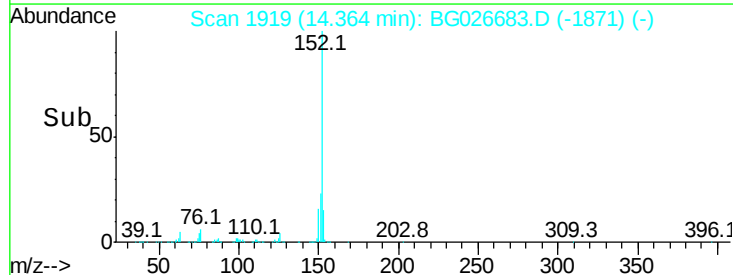
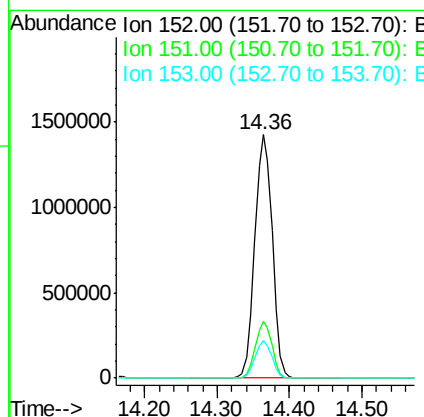
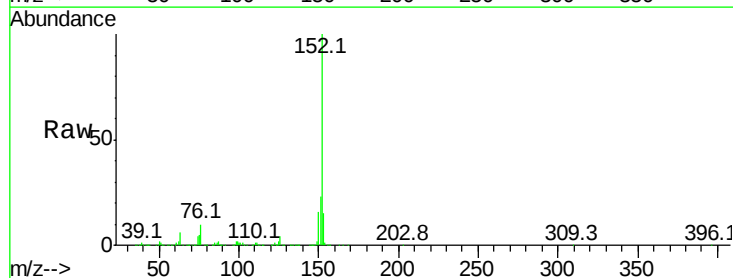
Instrument :
BNA_G
ClientSampleId :

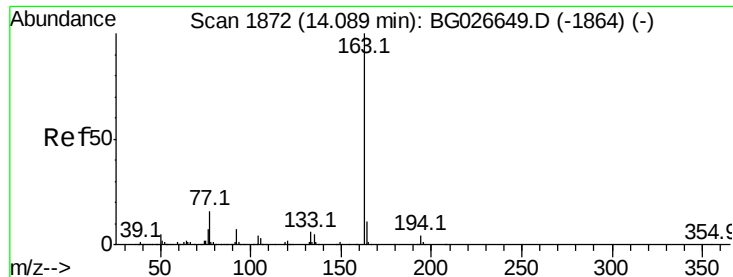
Tot Ion: 65 Resp: 401638
Ion Ratio Lower Upper
65 100
92 77.7 49.0 73.4#
138 142.5 58.6 87.8#



#48
Acenaphthylene
Concen: 43.54 ng
RT: 14.36 min Scan# 1919
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion: 152 Resp: 2377303
Ion Ratio Lower Upper
152 100
151 23.5 18.2 27.2
153 15.4 11.3 16.9





#49

Dimethylphthalate

Concen: 50.64 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

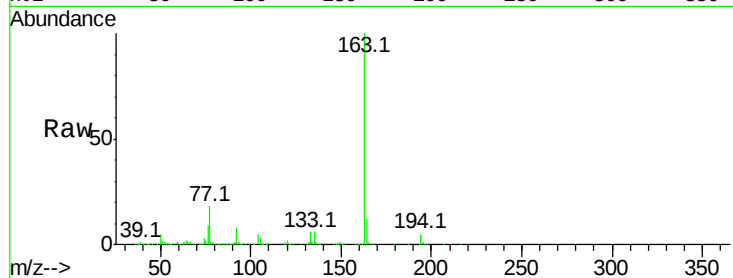
Tot Ion:163 Resp: 2210496

Ion Ratio Lower Upper

163 100

194 5.0 3.8 5.6

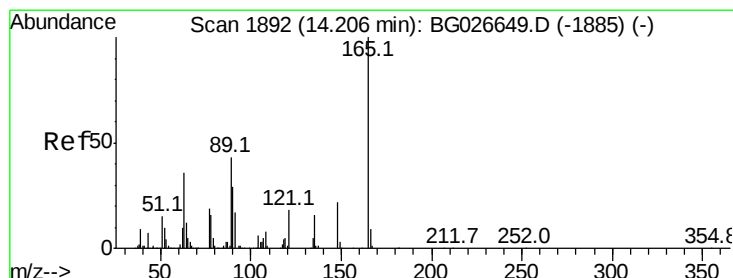
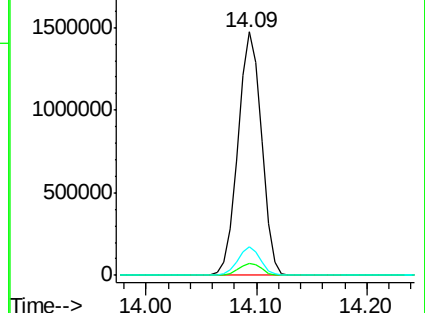
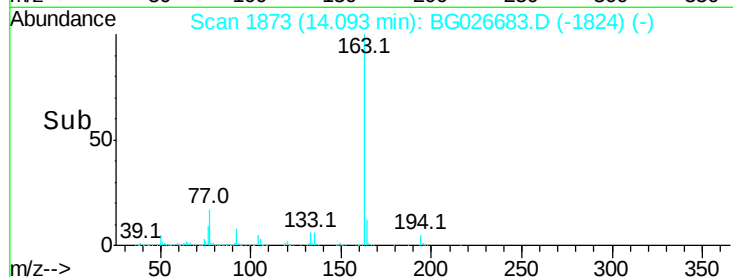
164 11.7 9.3 13.9



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: 45.64 ng

RT: 14.22 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

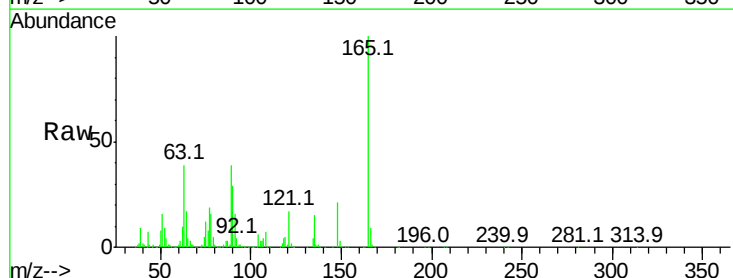
Tgt Ion:165 Resp: 465888

Ion Ratio Lower Upper

165 100

63 39.1 63.9 95.9#

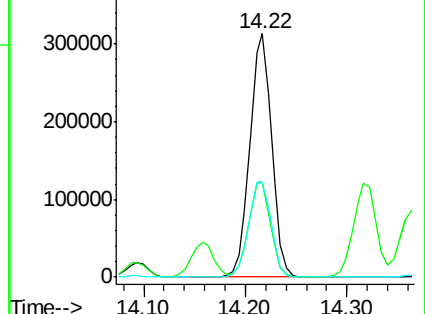
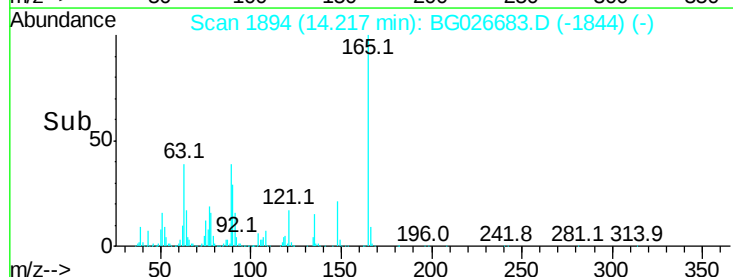
89 38.9 58.6 88.0#

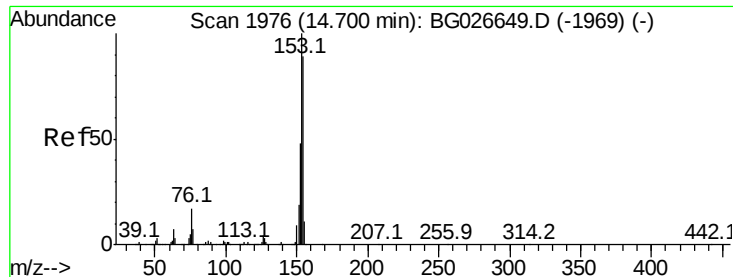


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 43.52 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

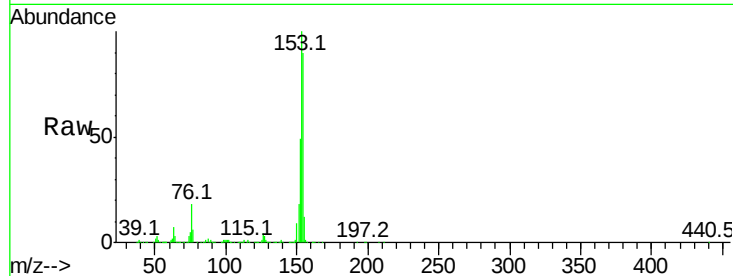
Tot Ion:154 Resp: 1512310

Ion Ratio Lower Upper

154 100

153 110.6 87.8 131.6

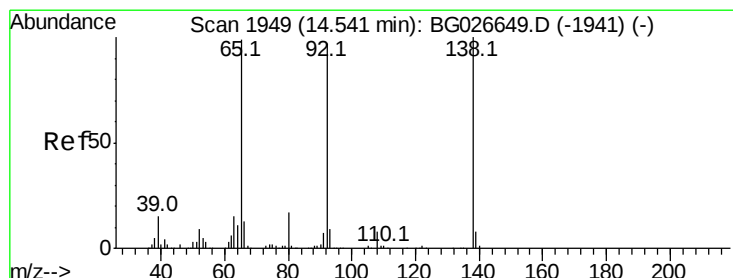
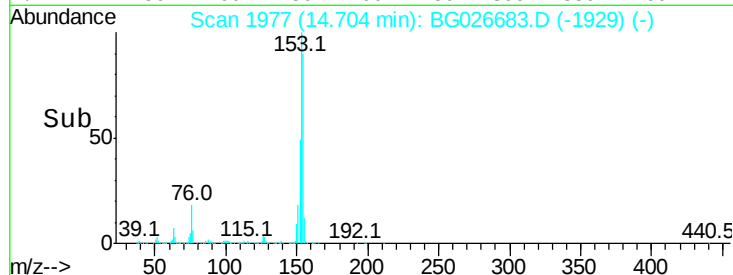
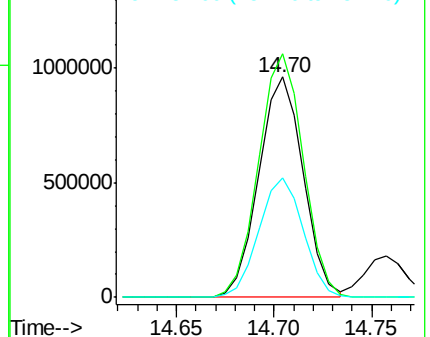
152 54.5 42.2 63.4



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: 35.37 ng

RT: 14.55 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

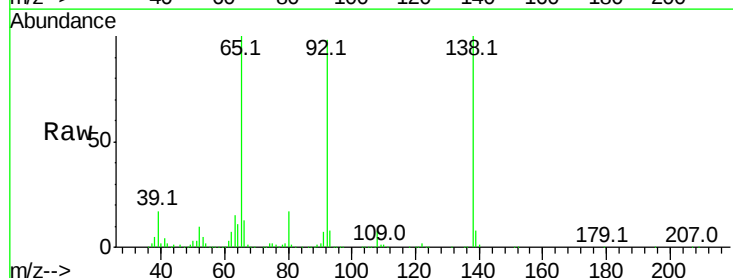
Tgt Ion:138 Resp: 393787

Ion Ratio Lower Upper

138 100

108 8.4 10.9 16.3#

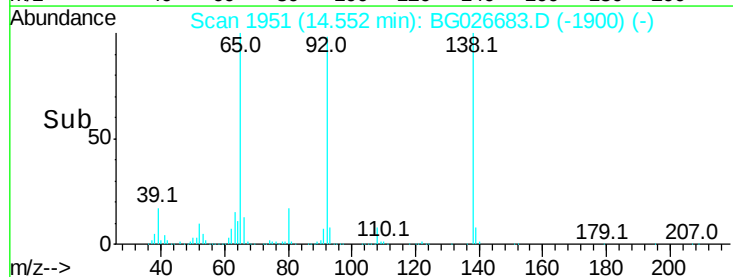
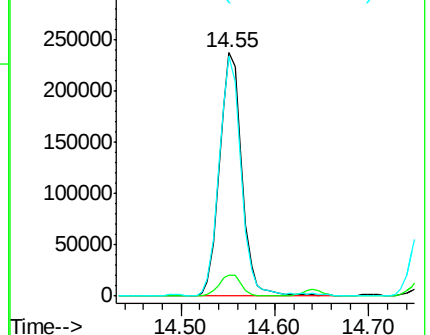
92 98.3 115.3 172.9#

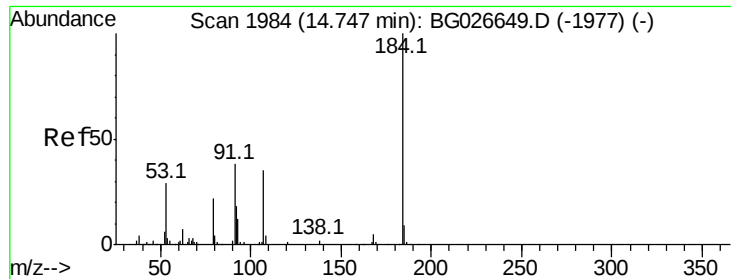


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

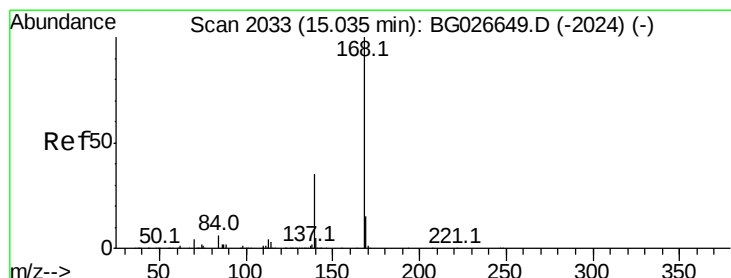
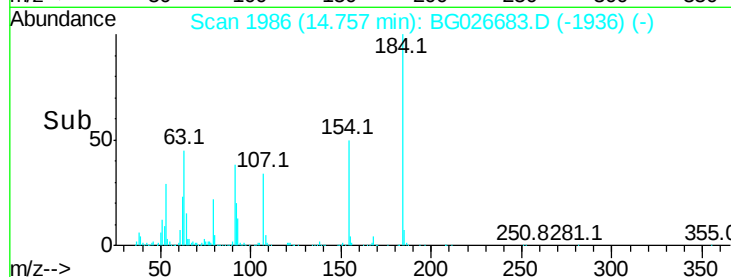
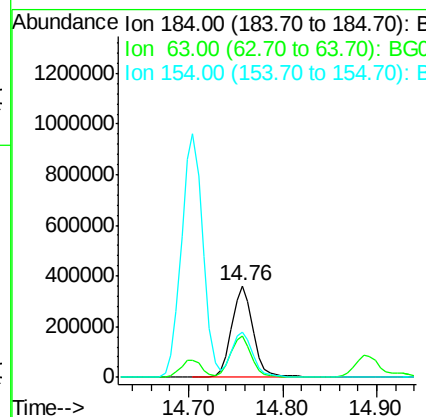
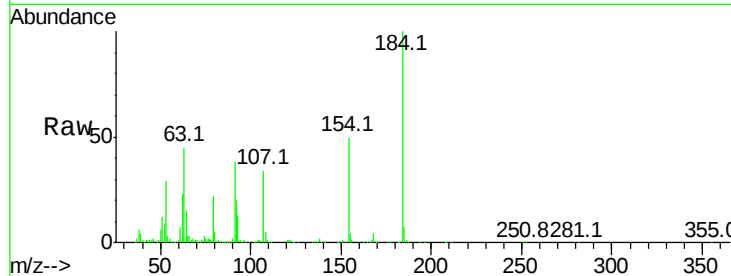




#53
2,4-Dinitrophenol
Concen: 93.06 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

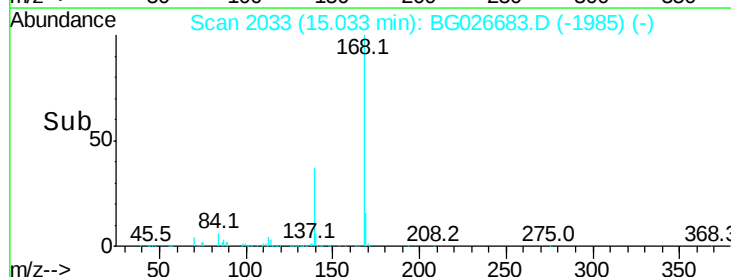
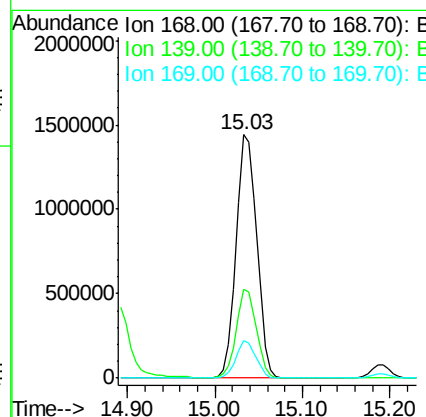
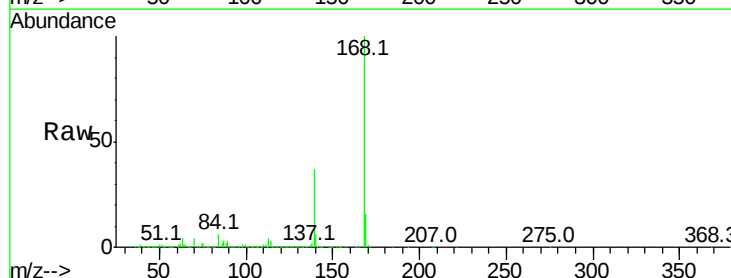
Instrument :
BNA_G
ClientSampleId :

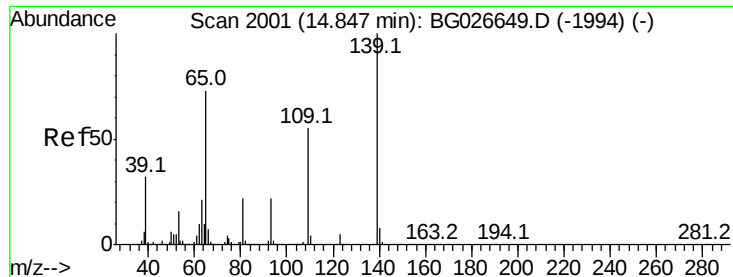
Tot Ion:184 Resp: 573795
Ion Ratio Lower Upper
184 100
63 45.2 52.7 79.1#
154 49.9 57.3 85.9#



#54
Dibenzofuran
Concen: 42.70 ng
RT: 15.03 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:168 Resp: 2313114
Ion Ratio Lower Upper
168 100
139 36.7 35.3 52.9
169 15.6 11.5 17.3





#55

4-Nitrophenol

Concen: 80.89 ng

RT: 14.89 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

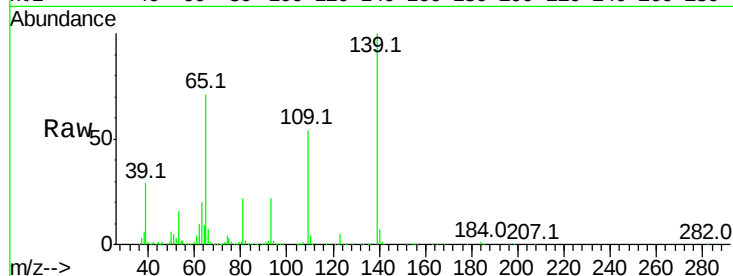
Tot Ion:139 Resp: 760285

Ion Ratio Lower Upper

139 100

109 54.1 101.2 141.2#

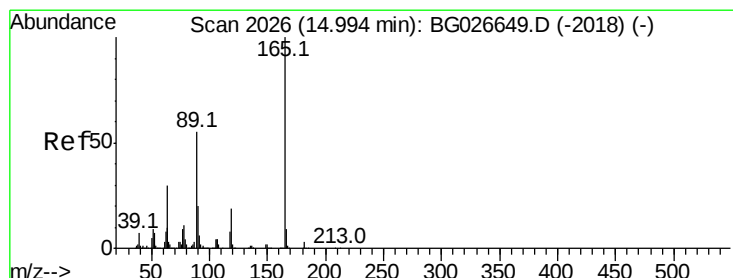
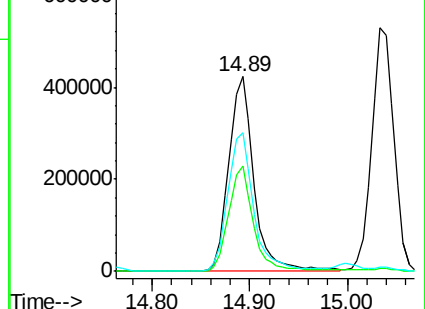
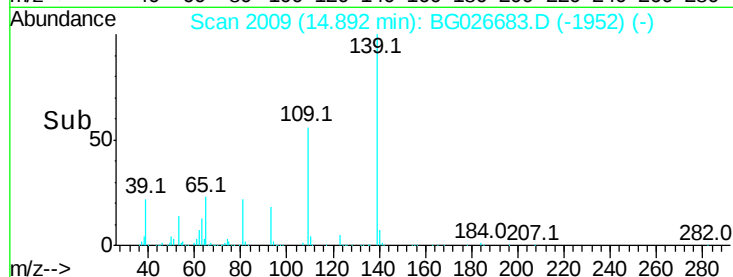
65 71.3 135.3 175.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 45.53 ng

RT: 15.00 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:165 Resp: 659944

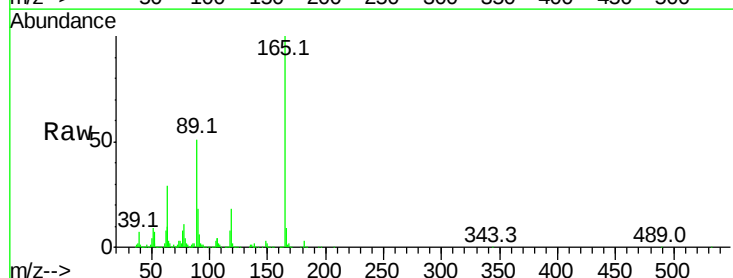
Ion Ratio Lower Upper

165 100

63 29.1 44.0 66.0#

89 50.6 67.3 100.9#

182 3.0 3.8 5.6#

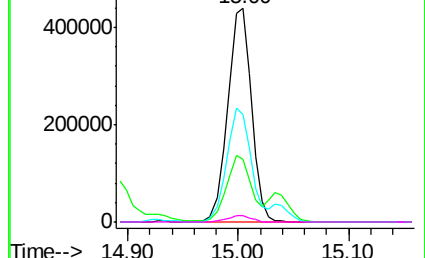
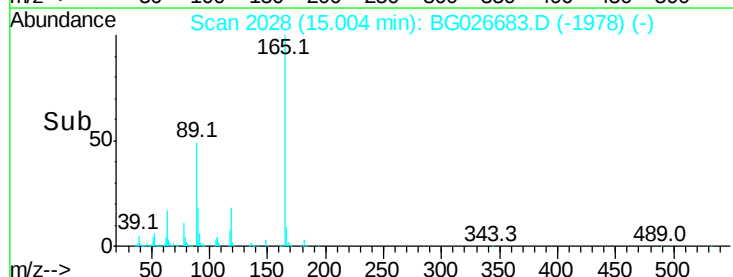


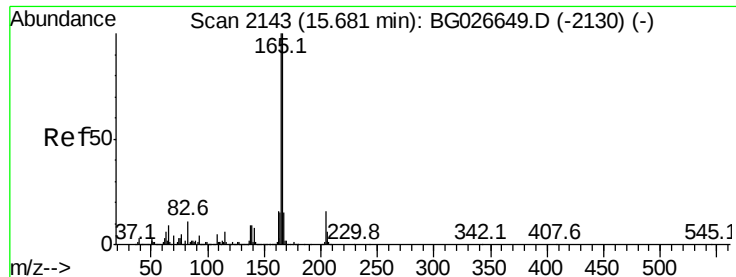
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

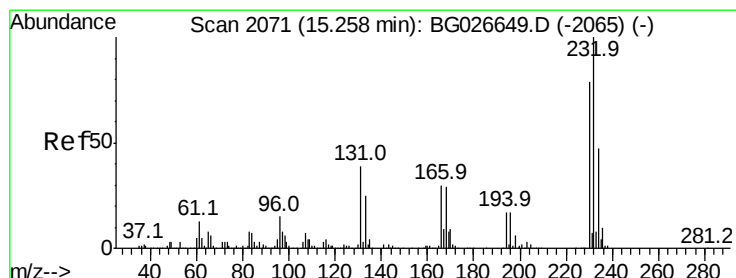
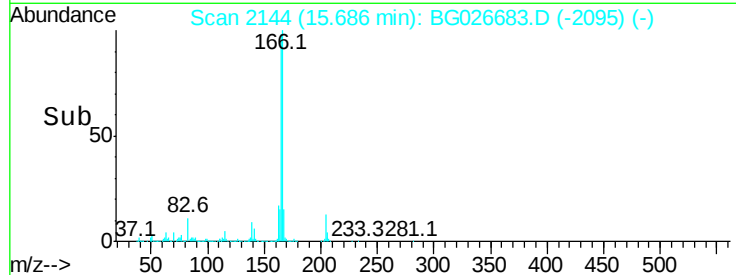
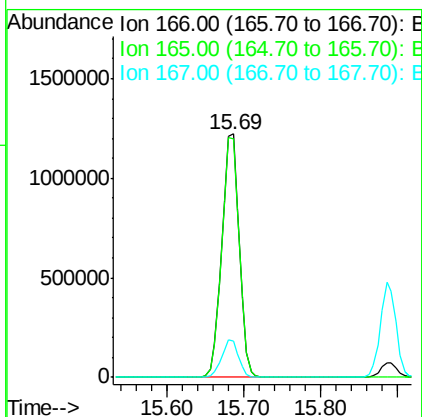
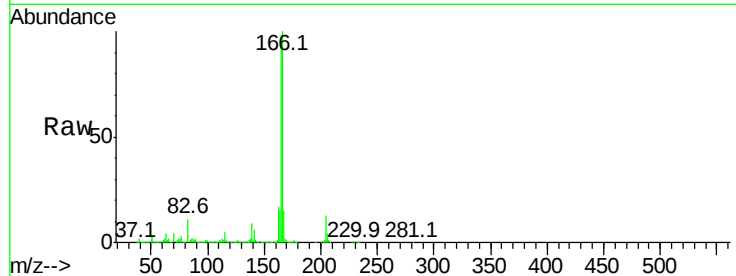




#57
 Fluorene
 Concen: 42.82 ng
 RT: 15.69 min Scan# 2144
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

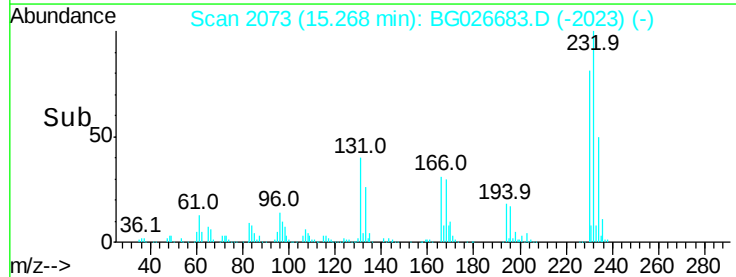
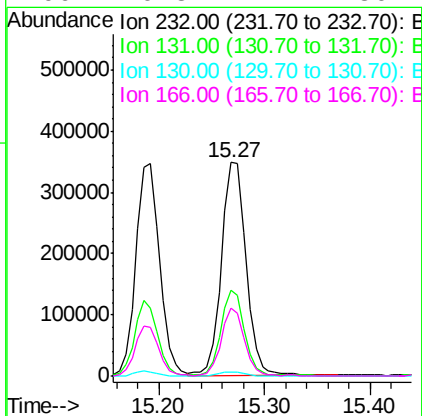
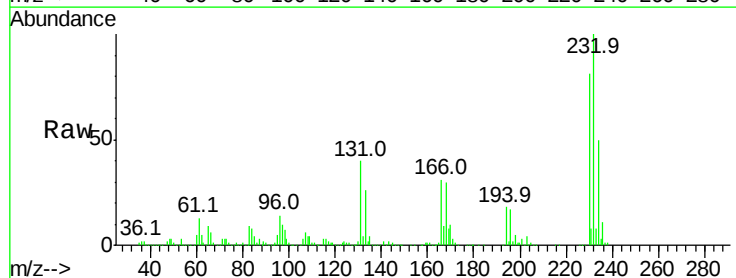
Instrument :
 BNA_G
 ClientSampleId :

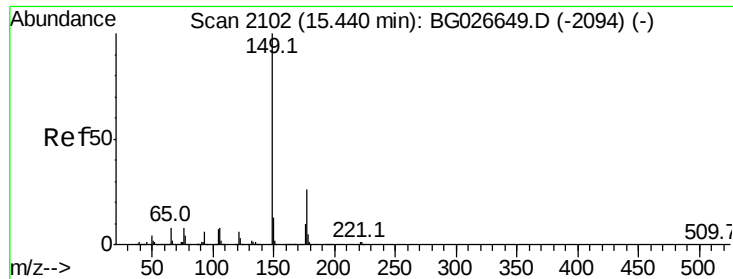
Tot Ion:166 Resp: 1909651
 Ion Ratio Lower Upper
 166 100
 165 98.2 78.6 117.8
 167 15.1 11.6 17.4



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.40 ng
 RT: 15.27 min Scan# 2073
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:232 Resp: 564503
 Ion Ratio Lower Upper
 232 100
 131 38.9 34.9 52.3
 130 2.1 2.3 3.5#
 166 29.8 24.2 36.4

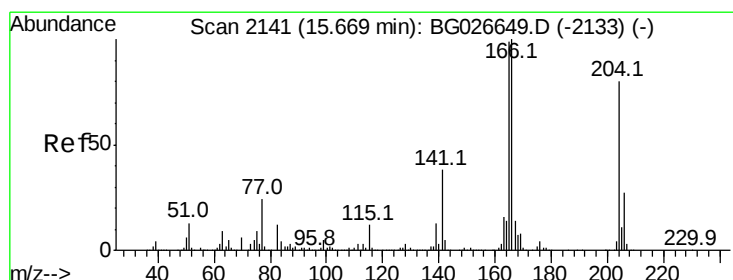
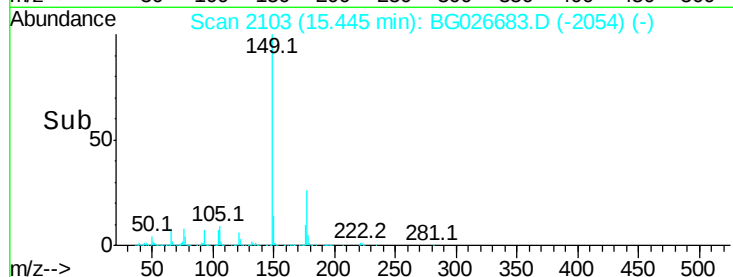
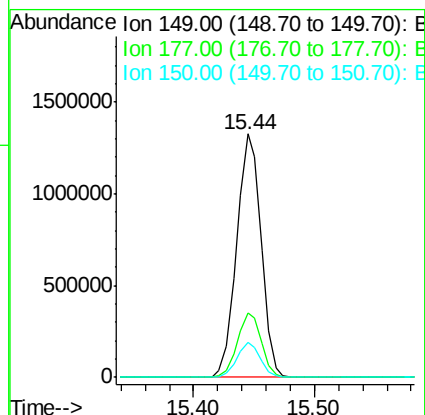
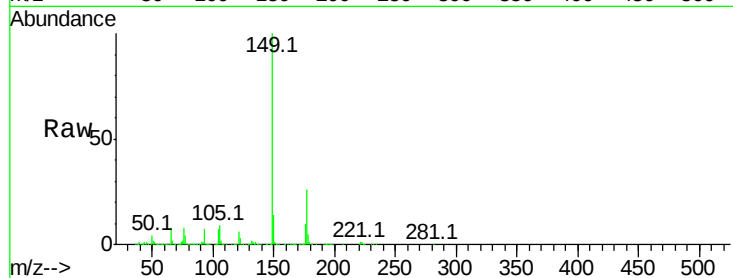




#59
Diethylphthalate
Concen: 41.98 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

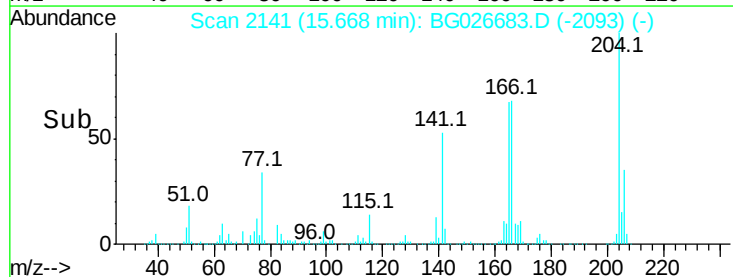
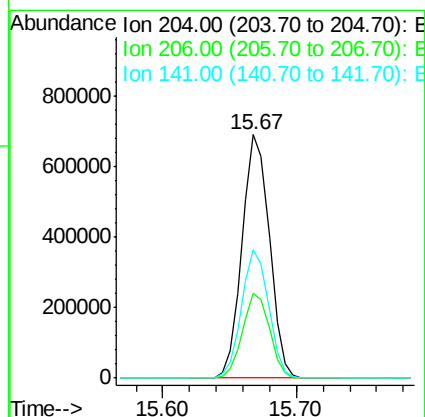
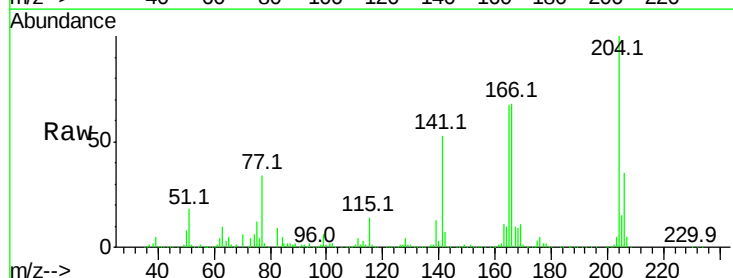
Instrument :
BNA_G
ClientSampleId :

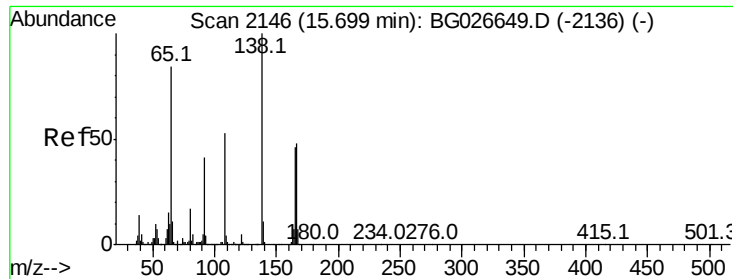
Tot Ion:149 Resp: 1863190
Ion Ratio Lower Upper
149 100
177 26.4 20.1 30.1
150 14.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.88 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:204 Resp: 976647
Ion Ratio Lower Upper
204 100
206 34.8 30.1 45.1
141 52.9 50.6 76.0

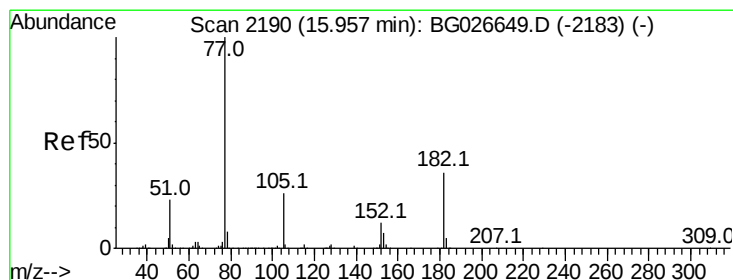
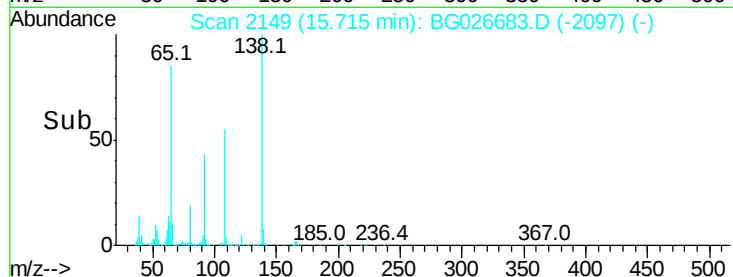
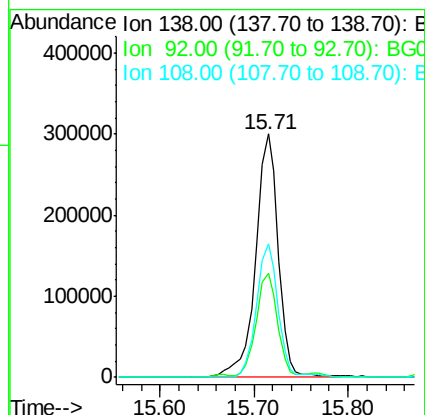
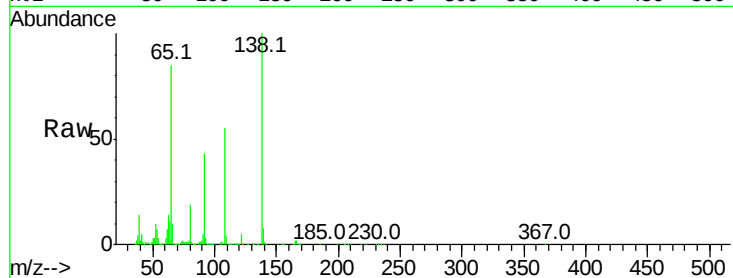




#61
4-Nitroaniline
Concen: 42.23 ng
RT: 15.71 min Scan# 2149
Delta R.T. 0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

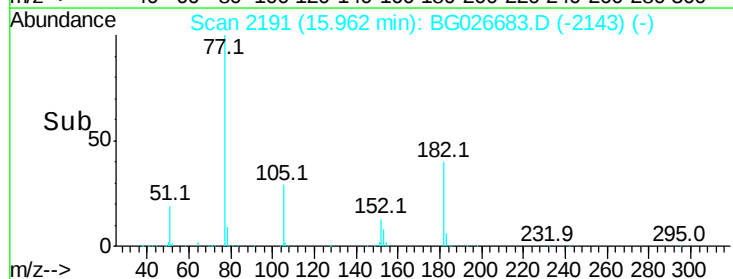
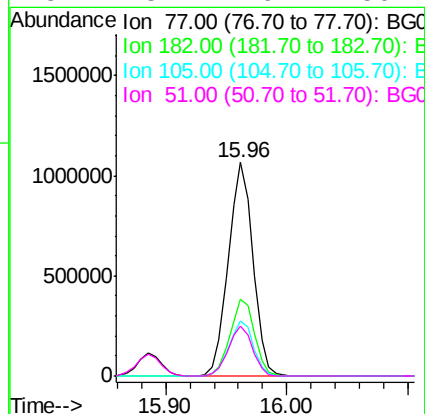
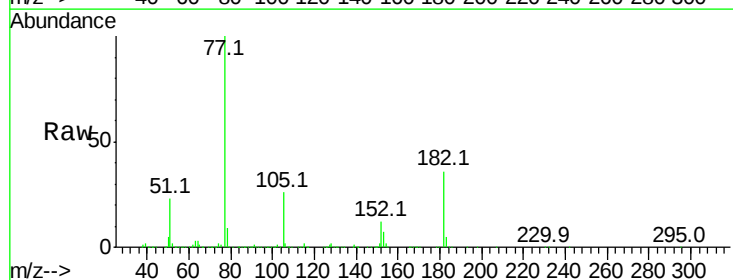
Instrument :
BNA_G
ClientSampleId :

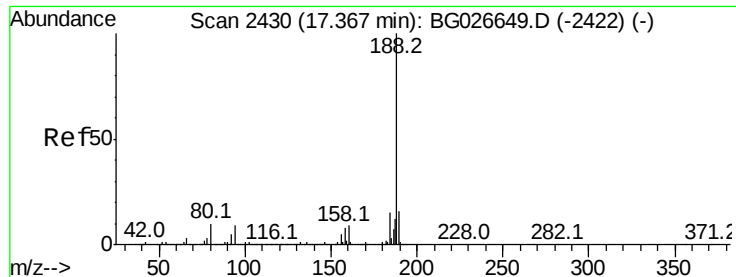
Tot Ion:138 Resp: 501404
Ion Ratio Lower Upper
138 100
92 42.9 44.2 84.2#
108 54.6 104.8 144.8#



#62
Azobenzene
Concen: 43.90 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion: 77 Resp: 1503056
Ion Ratio Lower Upper
77 100
182 36.1 4.7 44.7
105 25.8 0.0 36.3
51 23.4 16.4 56.4

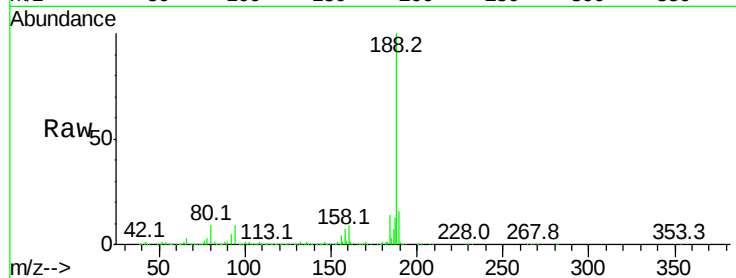




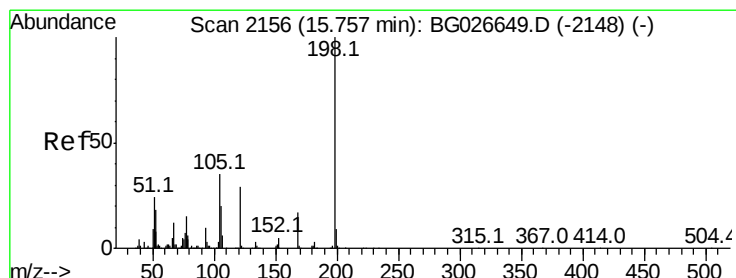
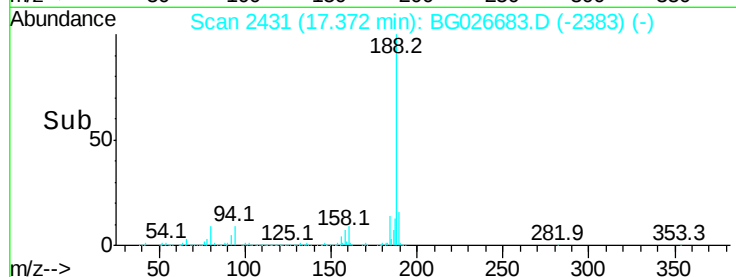
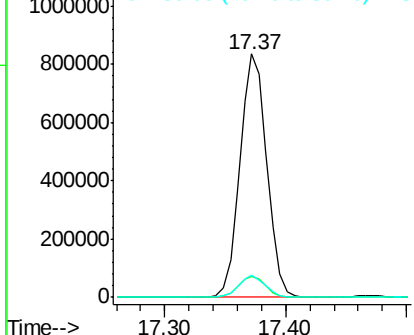
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.37 min Scan# 2431
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 1292054
 Ion Ratio Lower Upper
 188 100
 94 8.8 5.8 8.8#
 80 9.3 7.5 11.3

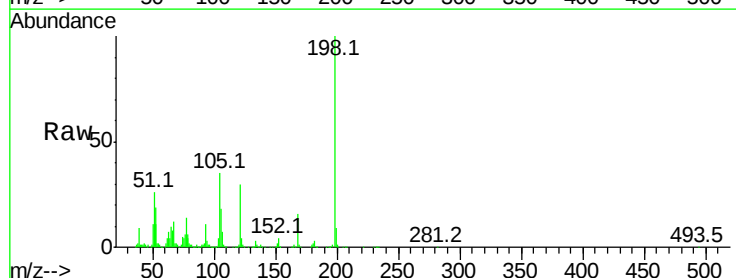


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG
 Ion 80.00 (79.70 to 80.70): BG

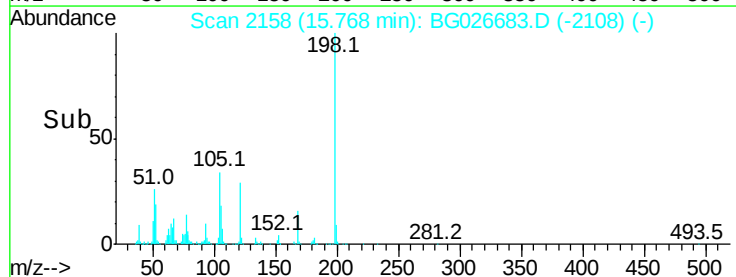
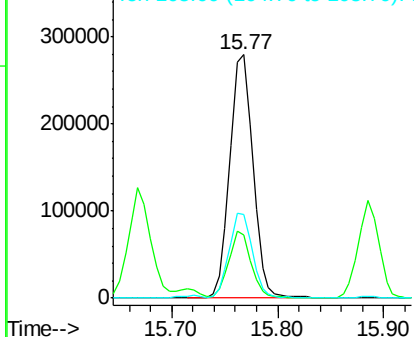


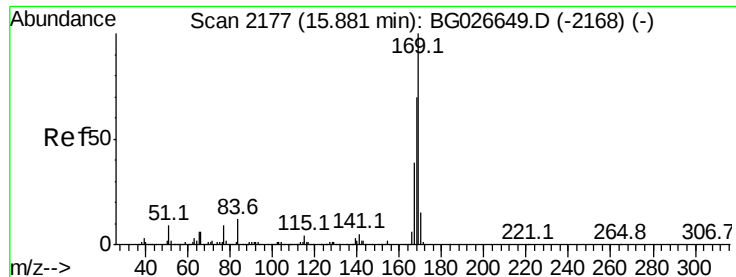
#64
 4,6-Dinitro-2-methylphenol
 Concen: 48.65 ng
 RT: 15.77 min Scan# 2158
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:198 Resp: 424468
 Ion Ratio Lower Upper
 198 100
 51 26.0 22.6 62.6
 105 34.6 14.4 54.4



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





#65

n-Nitrosodiphenylamine

Concen: 46.03 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

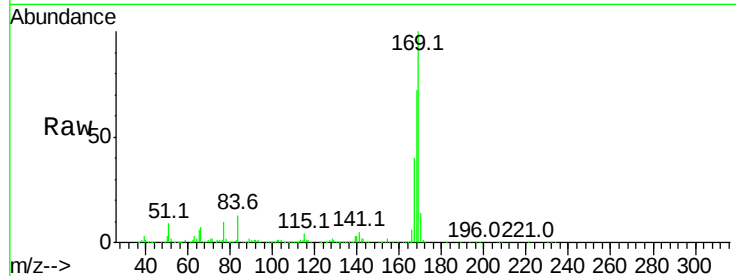
Instrument :

BNA_G

ClientSampleId :

Tot Ion:169 Resp: 1715626

Ion	Ratio	Lower	Upper
169	100		
168	71.6	55.7	83.5
167	40.5	29.8	44.6

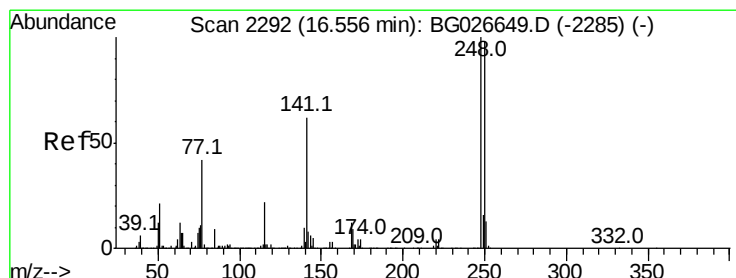
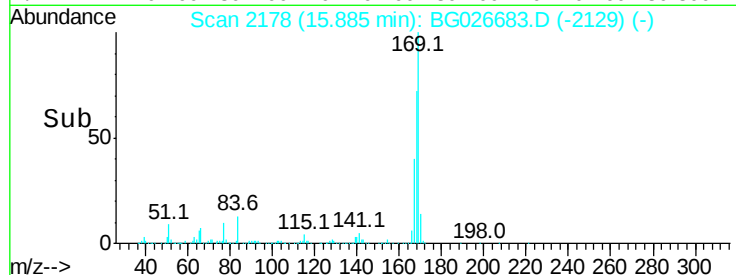
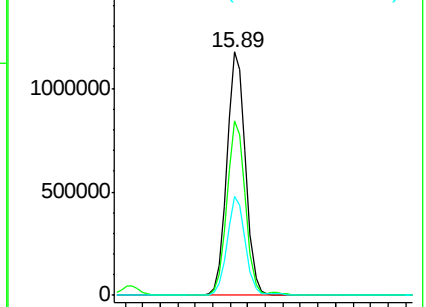


Abundance

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: 47.58 ng

RT: 16.56 min Scan# 2293

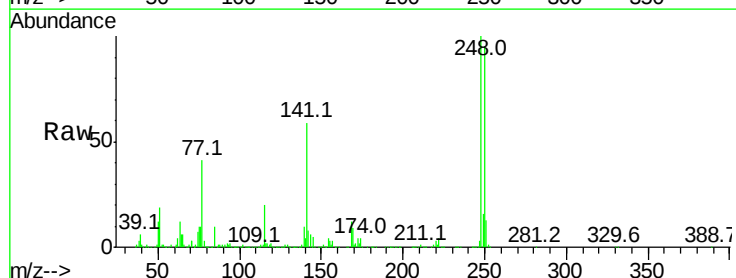
Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:248 Resp: 671658

Ion	Ratio	Lower	Upper
248	100		
250	94.8	75.0	112.6
141	58.9	55.2	82.8

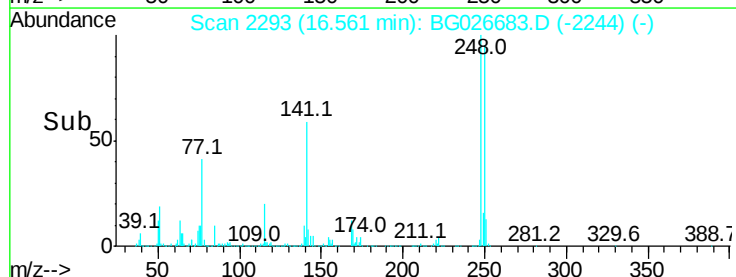
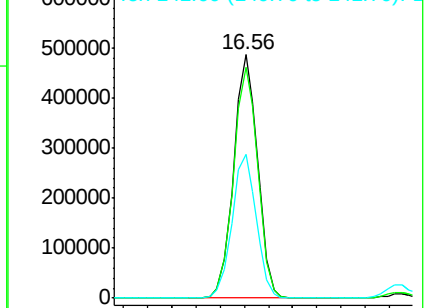


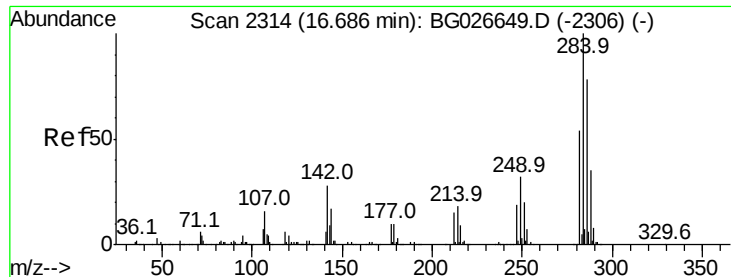
Abundance

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

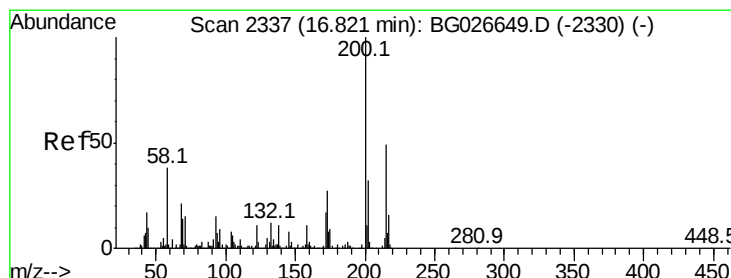
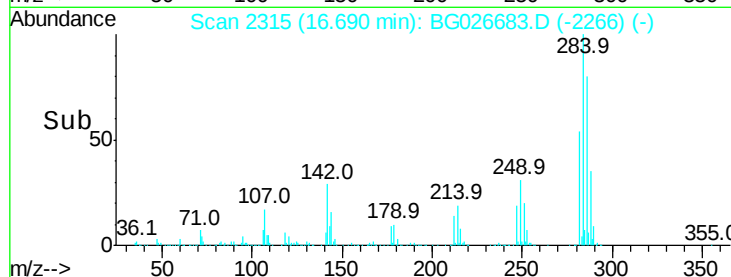
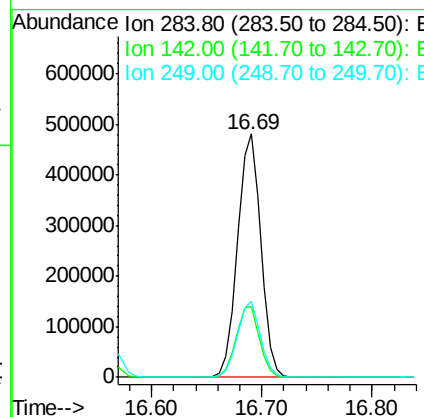
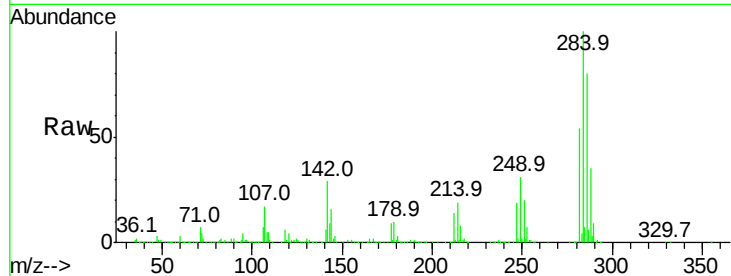




#67
Hexachlorobenzene
Concen: 45.81 ng
RT: 16.69 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

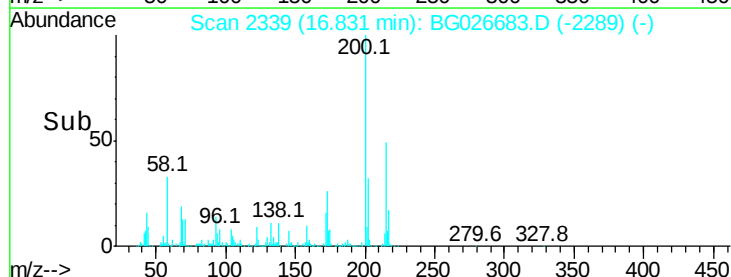
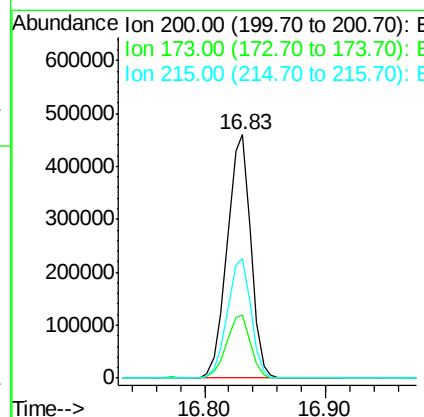
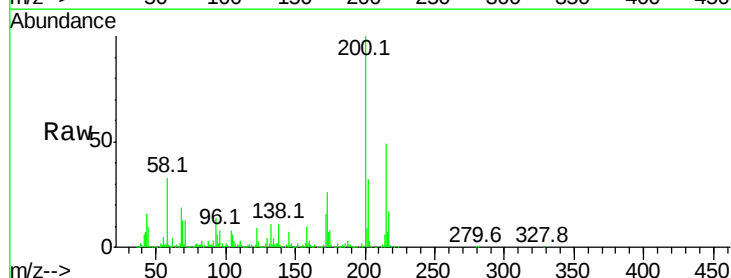
Instrument :
BNA_G
ClientSampleId :

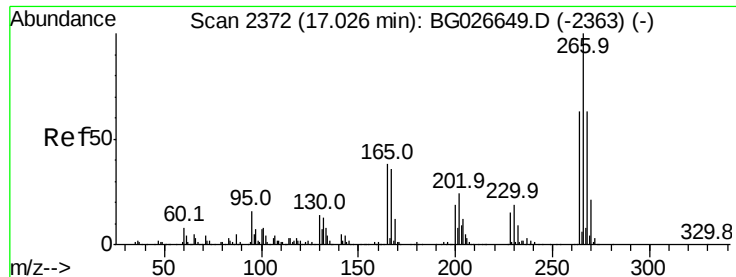
Tot Ion:284 Resp: 711001
Ion Ratio Lower Upper
284 100
142 28.9 29.9 44.9#
249 31.0 29.2 43.8



#68
Atrazine
Concen: 42.41 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:200 Resp: 618061
Ion Ratio Lower Upper
200 100
173 26.0 3.0 43.0
215 49.1 28.4 68.4

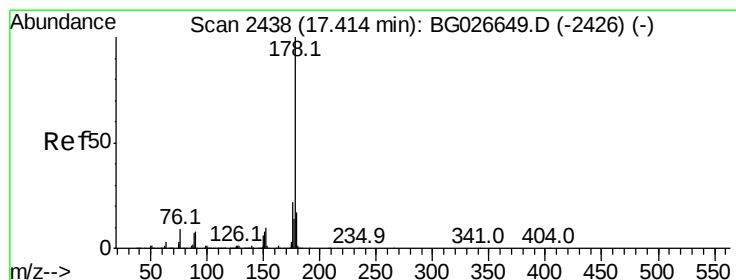
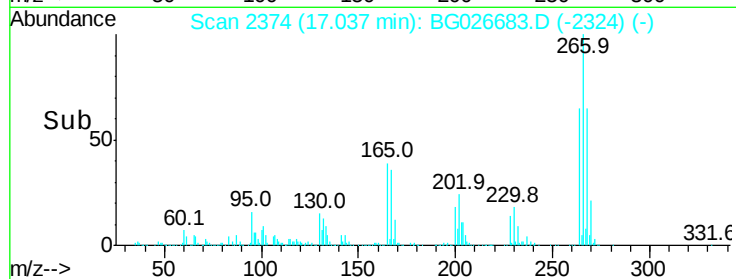
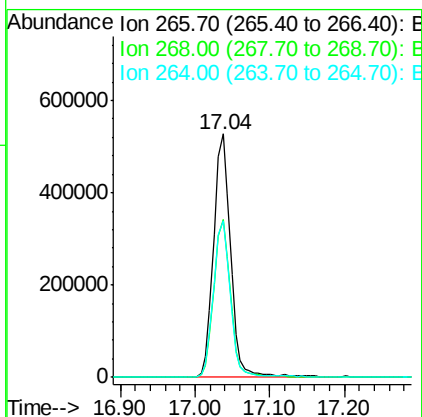
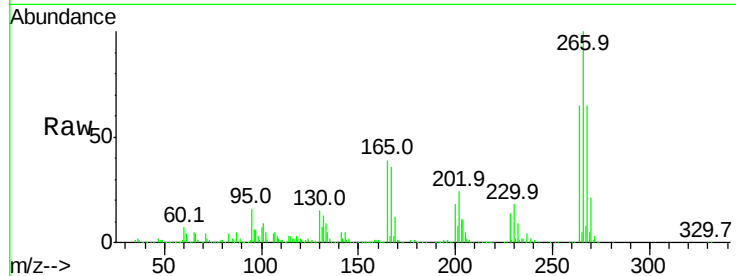




#69
 Pentachlorophenol
 Concen: 89.68 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

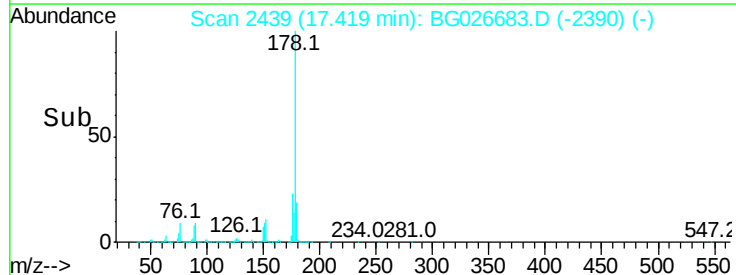
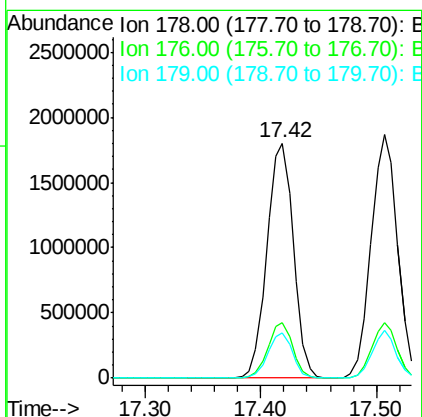
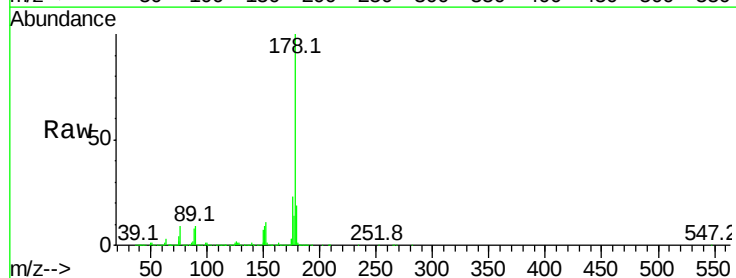
Instrument :
 BNA_G
 ClientSampleId :

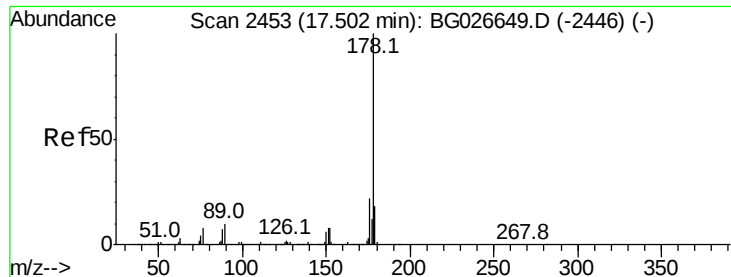
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	48.6	72.8
264	64.6	50.1	75.1



#70
 Phenanthrene
 Concen: 43.19 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	23.4	17.7	26.5
179	19.2	15.0	22.6





#71

Anthracene

Concen: 43.22 ng

RT: 17.51 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

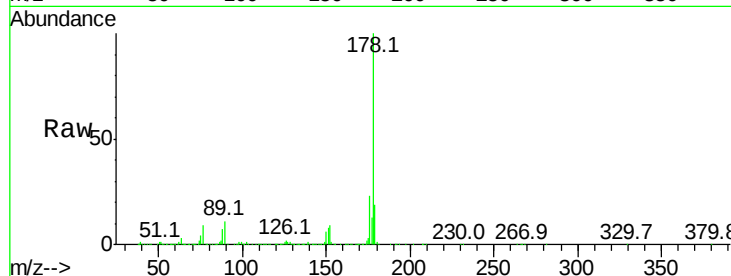
Tot Ion:178 Resp: 2971358

Ion Ratio Lower Upper

178 100

176 23.0 16.4 24.6

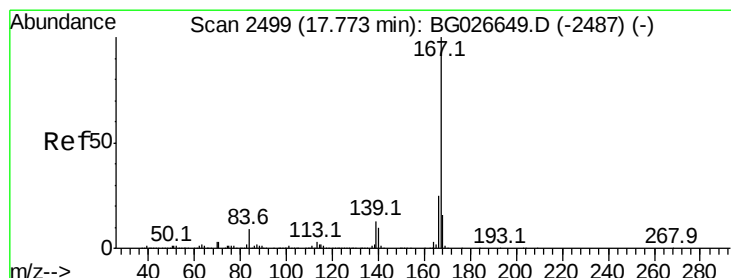
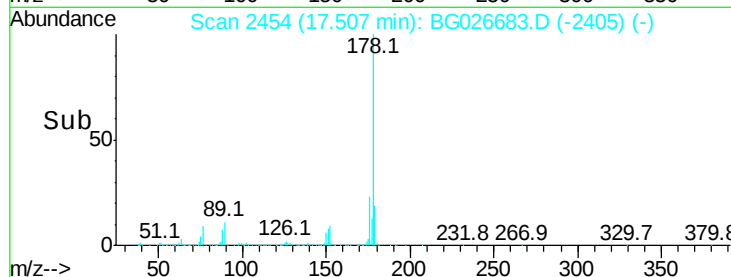
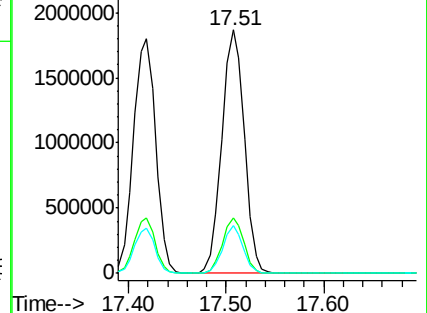
179 19.4 13.8 20.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 40.92 ng

RT: 17.78 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

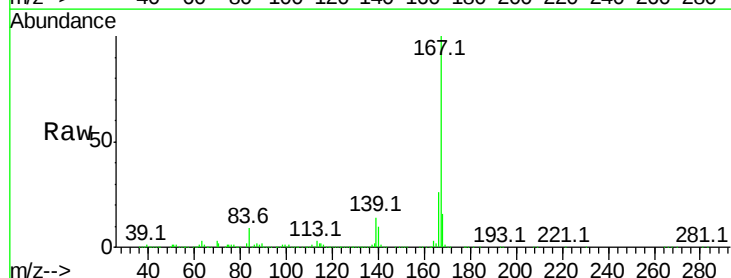
Tgt Ion:167 Resp: 2693449

Ion Ratio Lower Upper

167 100

166 26.4 20.2 30.2

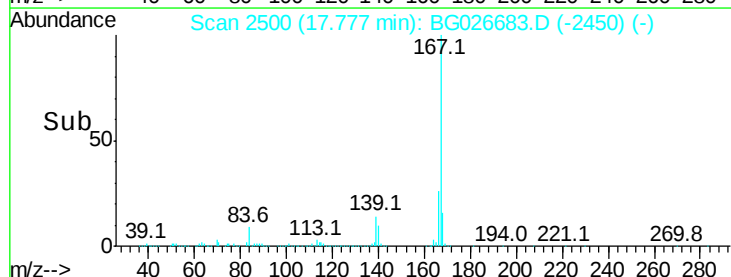
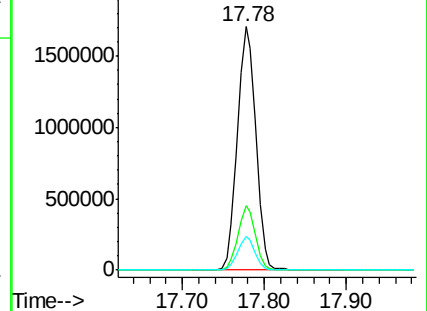
139 13.6 12.8 19.2

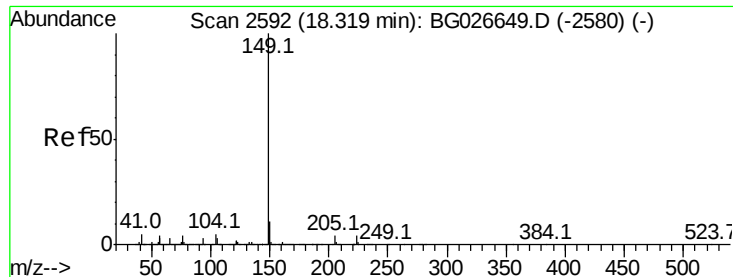


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 40.90 ng

RT: 18.32 min Scan# 2593

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampled :

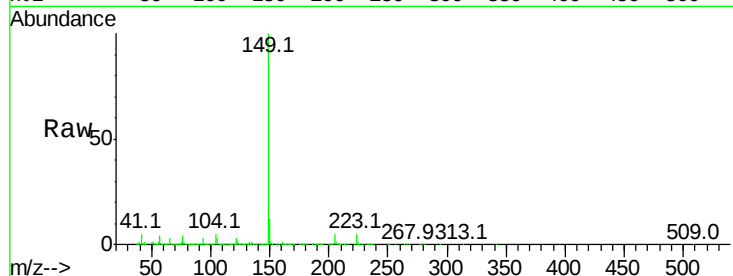
Tot Ion:149 Resp: 3019336

Ion Ratio Lower Upper

149 100

150 12.0 9.1 13.7

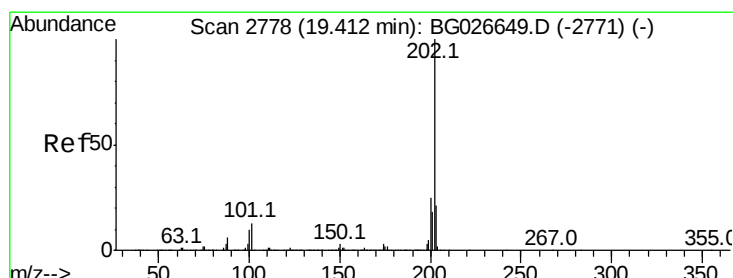
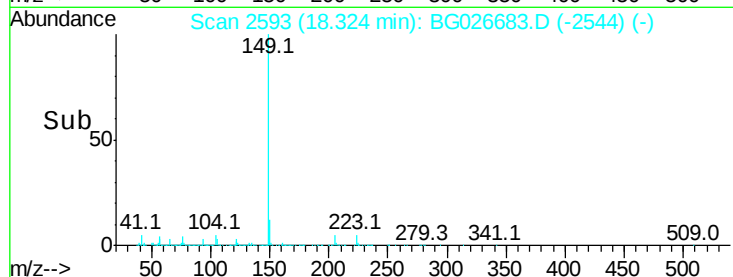
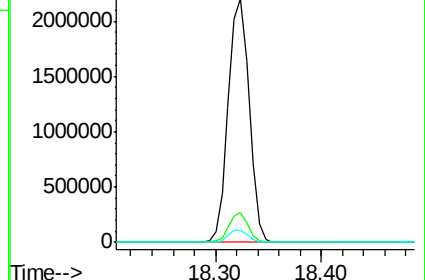
104 5.1 6.7 10.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.76 ng

RT: 19.42 min Scan# 2779

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

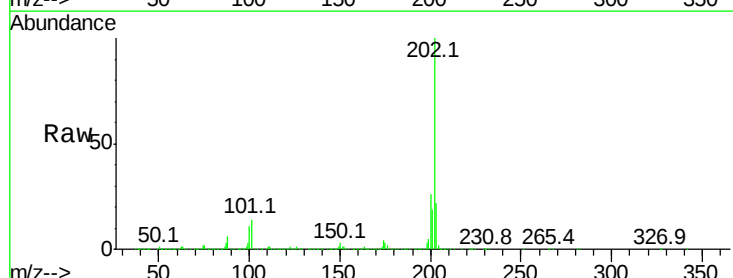
Tgt Ion:202 Resp: 3144045

Ion Ratio Lower Upper

202 100

101 13.8 0.0 30.1

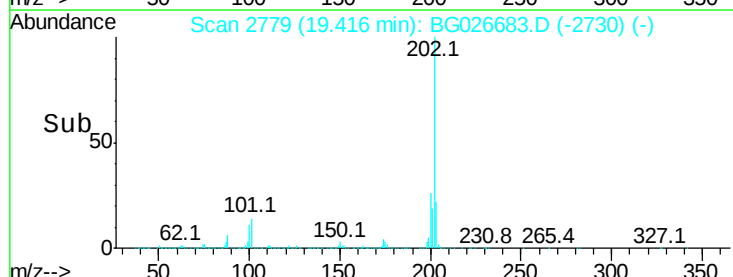
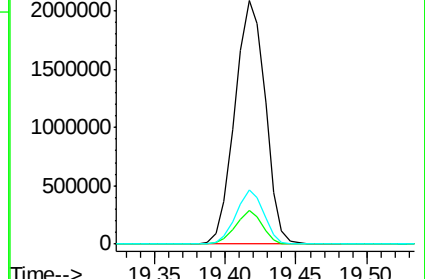
203 22.2 1.3 41.3

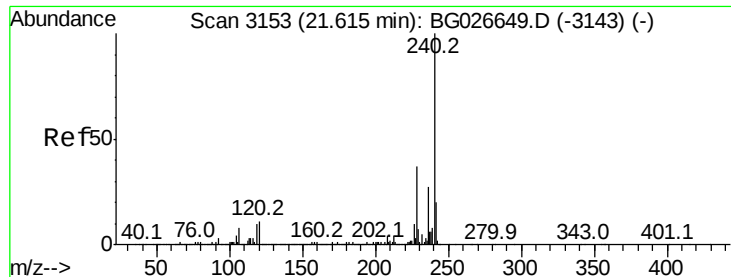


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

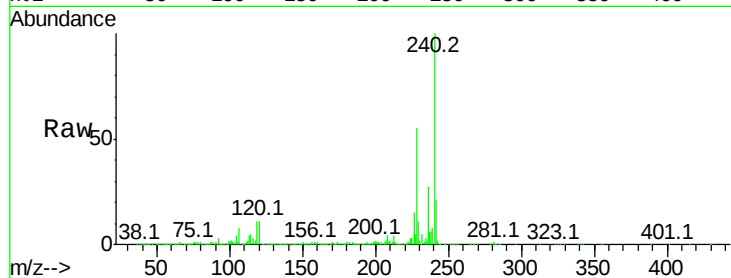
Tot Ion:240 Resp: 1325396

Ion Ratio Lower Upper

240 100

120 11.5 5.7 8.5#

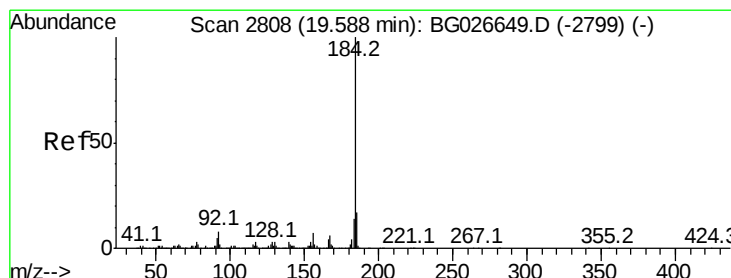
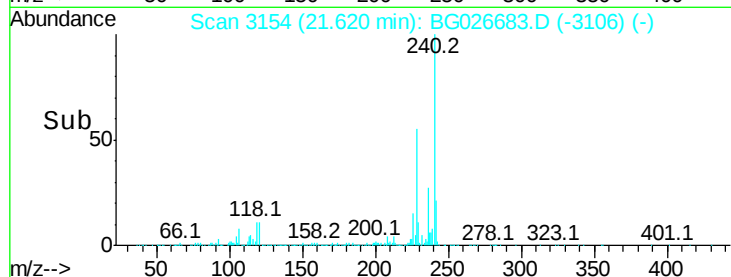
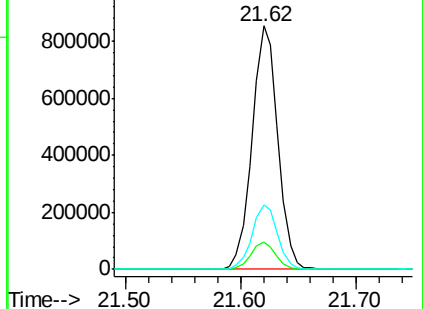
236 26.7 22.2 33.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 8.95 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.01 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

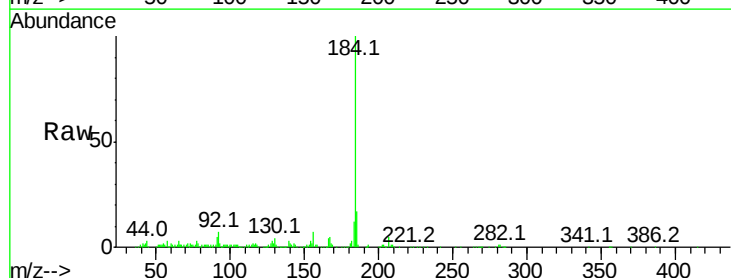
Tgt Ion:184 Resp: 204074

Ion Ratio Lower Upper

184 100

185 16.6 13.0 19.6

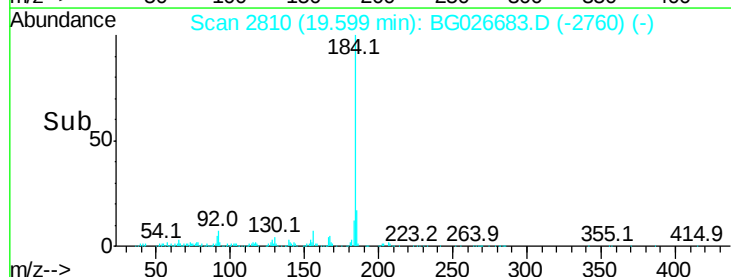
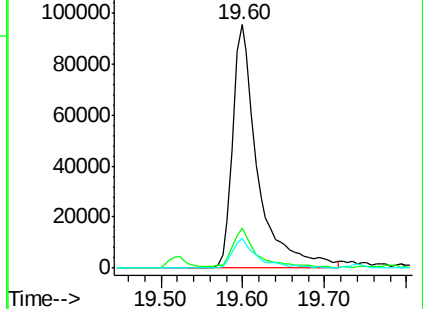
183 12.2 11.0 16.6

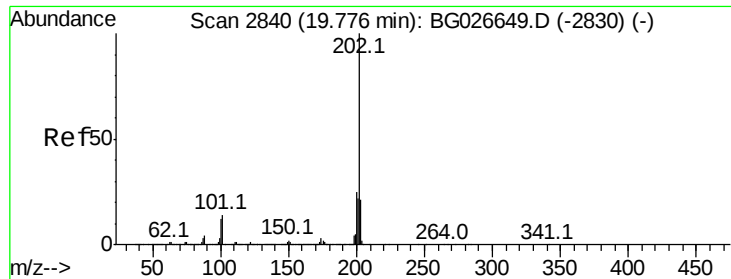


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

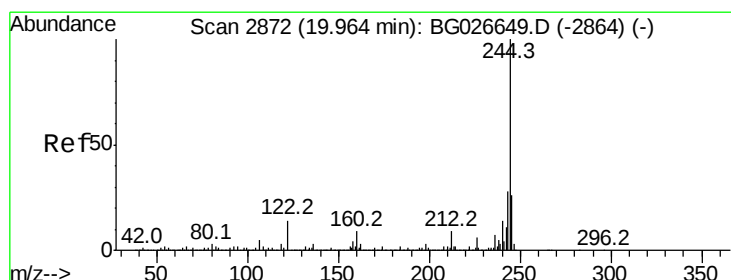
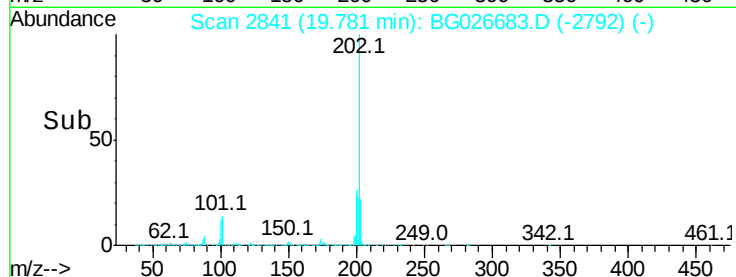
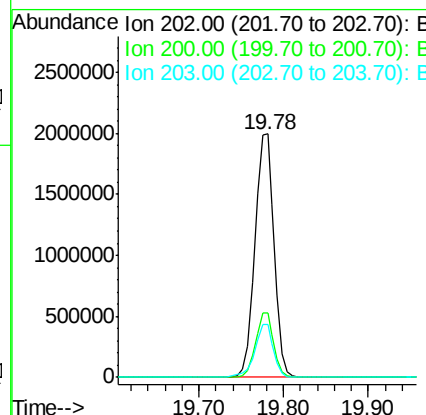
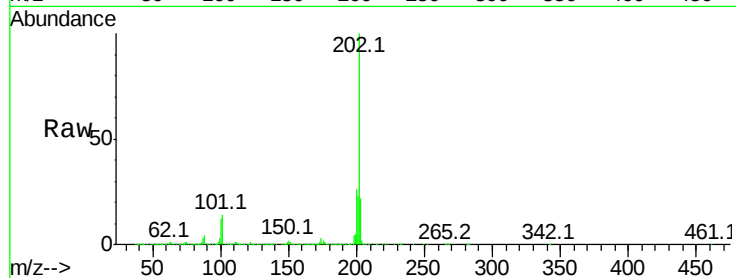




#77
Pvrene
Concen: 44.47 ng
RT: 19.78 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

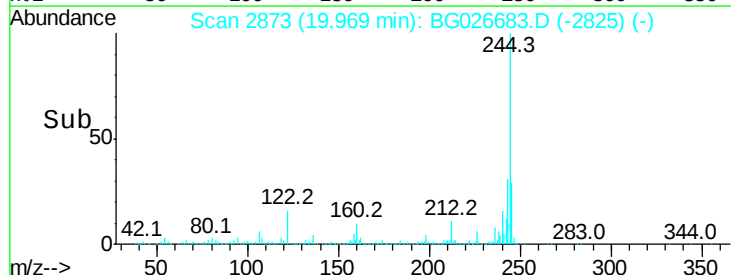
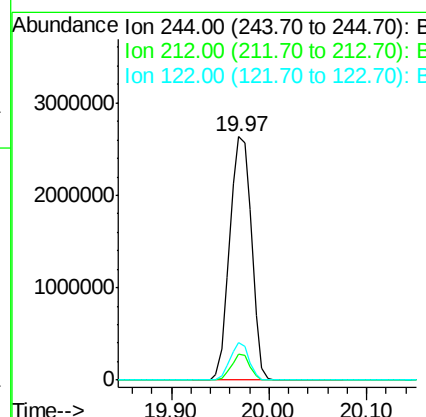
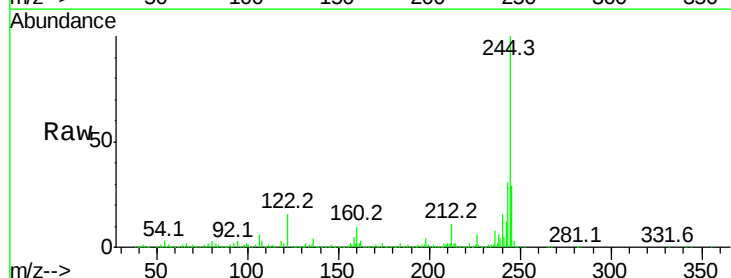
Instrument :
BNA_G
ClientSampled :

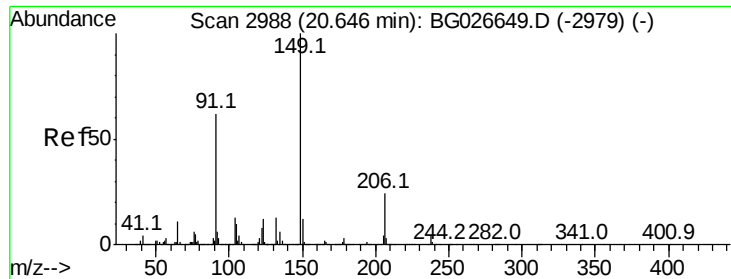
Tot Ion:202 Resp: 3172830
Ion Ratio Lower Upper
202 100
200 26.4 19.6 29.4
203 21.8 15.8 23.8



#78
Terphenyl-d14
Concen: 91.12 ng
RT: 19.97 min Scan# 2873
Delta R.T. -0.02 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:244 Resp: 4090767
Ion Ratio Lower Upper
244 100
212 10.7 10.0 15.0
122 15.6 8.6 12.8#

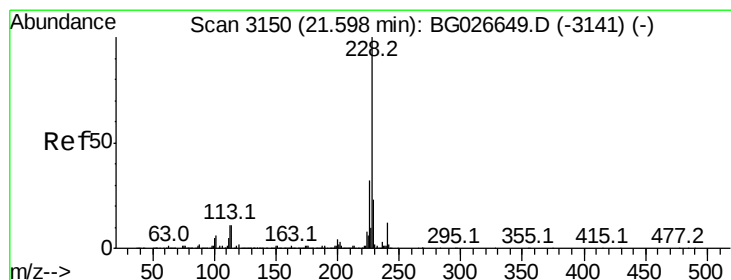
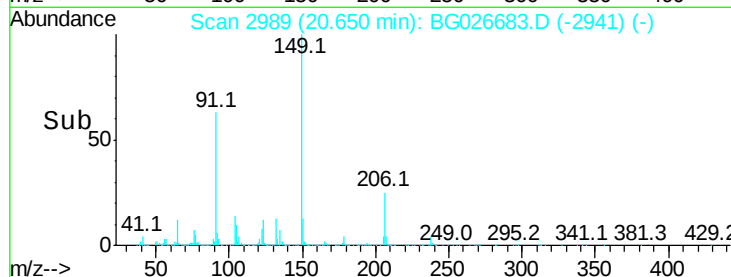
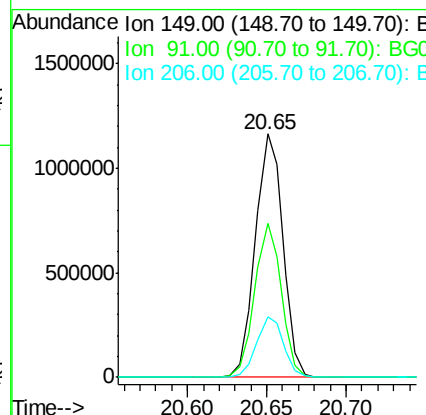
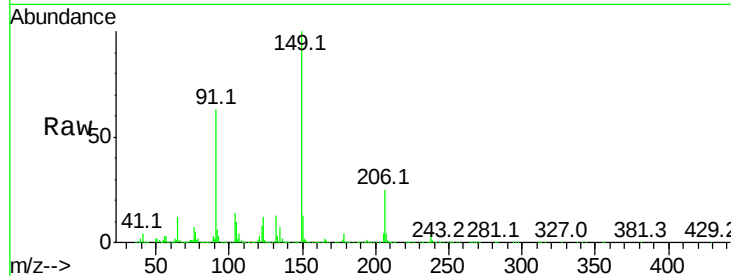




#79
 Butylbenzylphthalate
 Concen: 45.90 ng
 RT: 20.65 min Scan# 2989
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

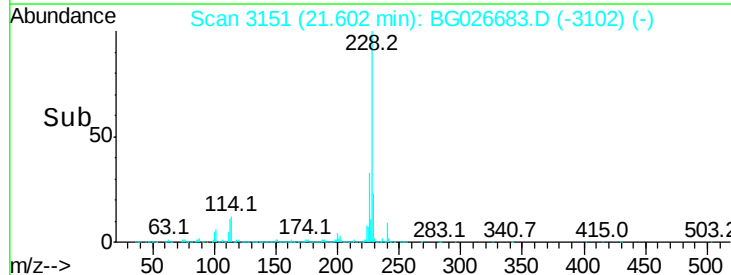
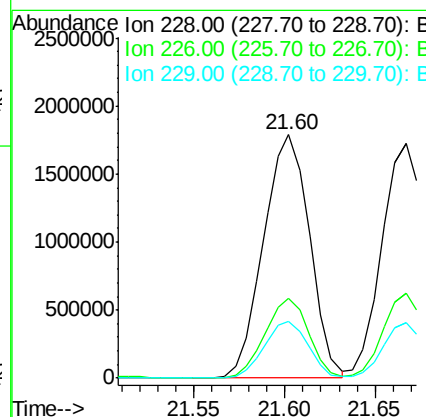
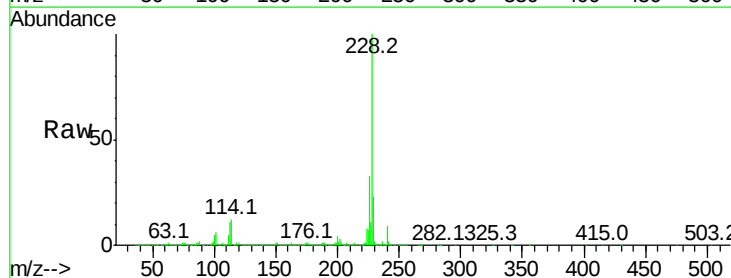
Instrument :
 BNA_G
 ClientSampleId :

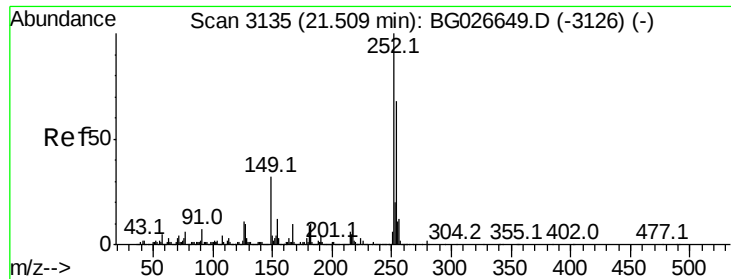
Tot Ion:149 Resp: 1409227
 Ion Ratio Lower Upper
 149 100
 91 63.4 63.5 95.3#
 206 24.9 21.0 31.6



#80
 Benzo(a)anthracene
 Concen: 44.16 ng
 RT: 21.60 min Scan# 3151
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:228 Resp: 3161283
 Ion Ratio Lower Upper
 228 100
 226 32.7 24.9 37.3
 229 23.5 18.2 27.2

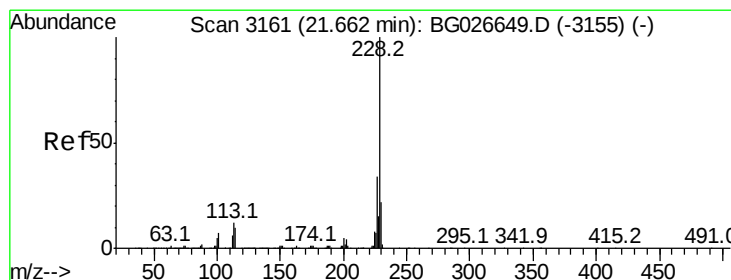
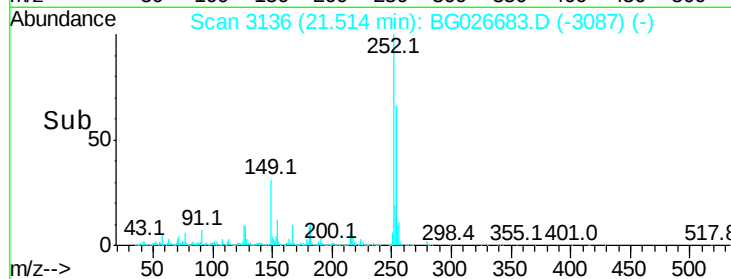
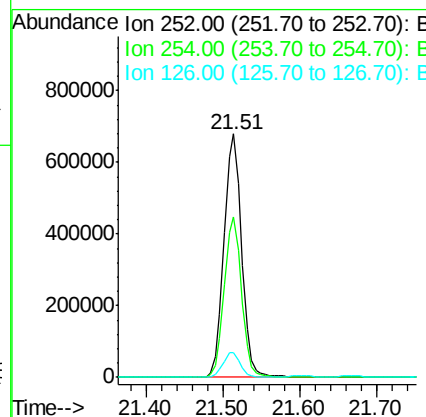
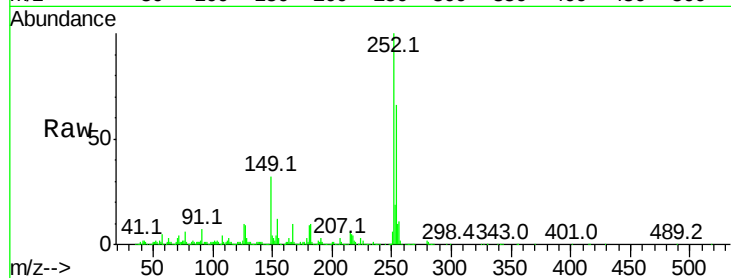




#81
 3,3'-Dichlorobenzidine
 Concen: 36.26 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

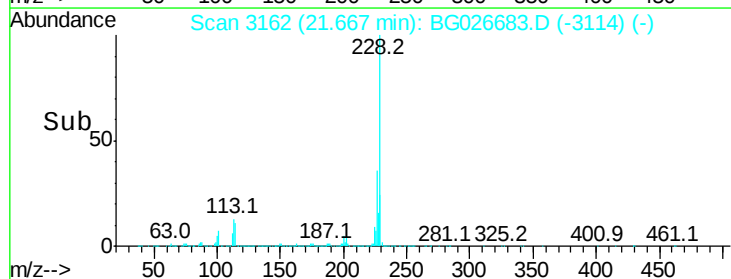
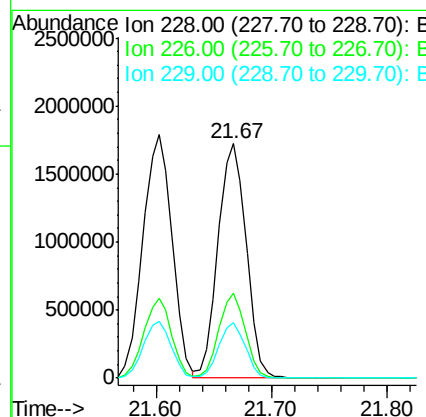
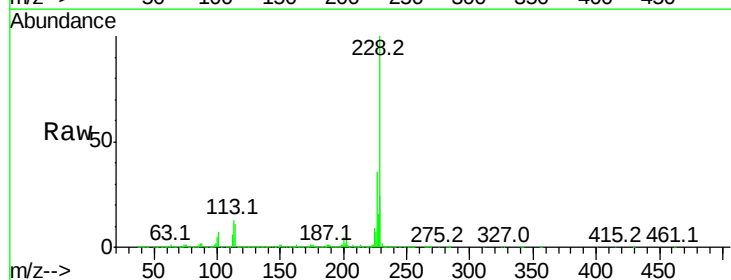
Instrument :
 BNA_G
 ClientSampled :

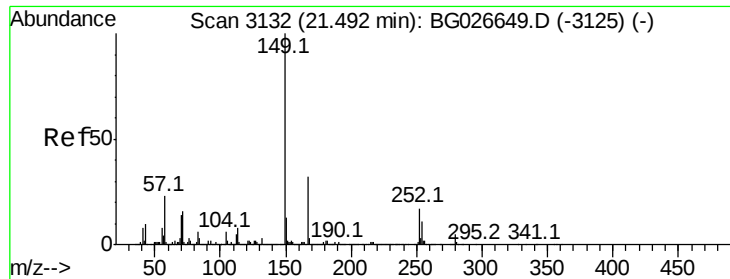
Tot Ion:252 Resp: 1076507
 Ion Ratio Lower Upper
 252 100
 254 65.8 53.1 79.7
 126 10.1 7.0 10.4



#82
 Chrysene
 Concen: 44.10 ng
 RT: 21.67 min Scan# 3162
 Delta R.T. -0.02 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Tgt Ion:228 Resp: 2904610
 Ion Ratio Lower Upper
 228 100
 226 36.1 27.0 40.4
 229 23.6 17.8 26.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.14 ng

RT: 21.50 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

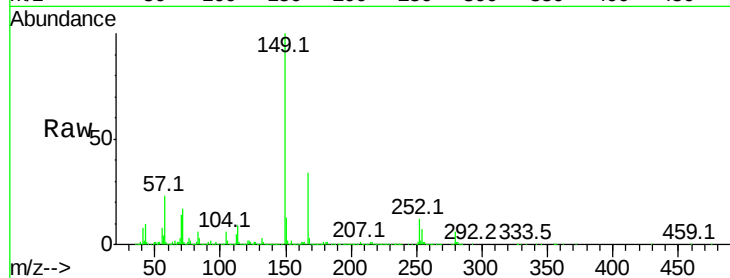
Instrument :

BNA_G

ClientSampleId :

Tot Ion:149 Resp: 1997425

Ion	Ratio	Lower	Upper
149	100		
167	33.6	23.7	35.5
279	6.0	4.6	6.8

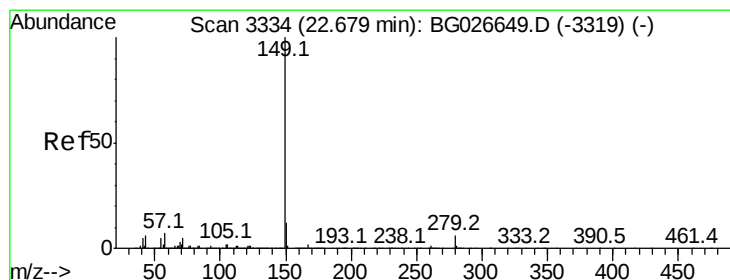
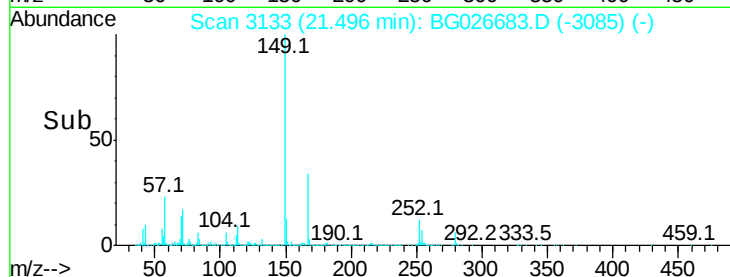
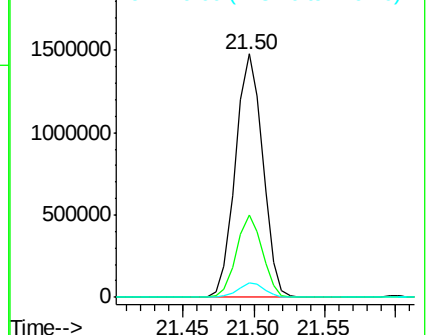


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.63 ng

RT: 22.68 min Scan# 3335

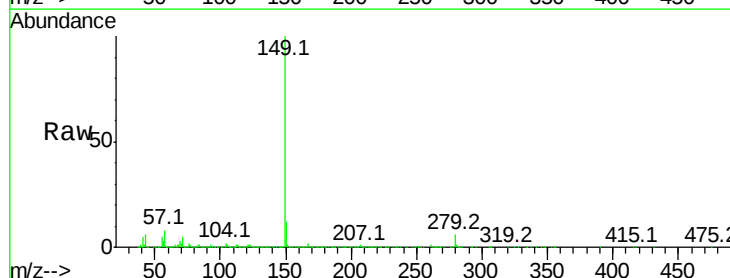
Delta R.T. -0.02 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:149 Resp: 3370895

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.2
43	6.0	11.8	17.6

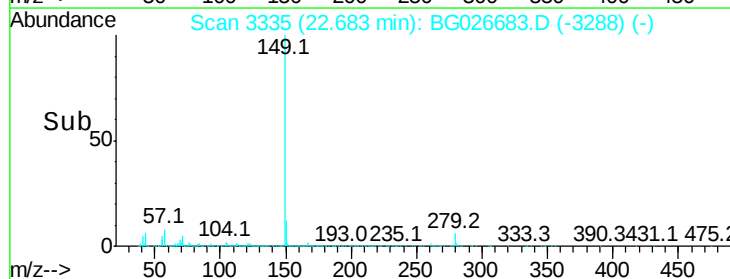
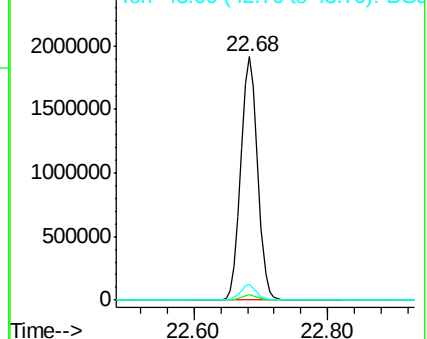


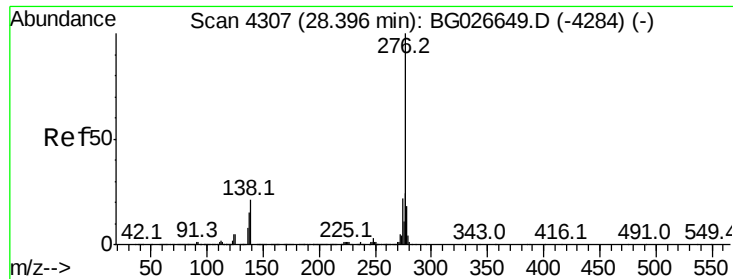
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



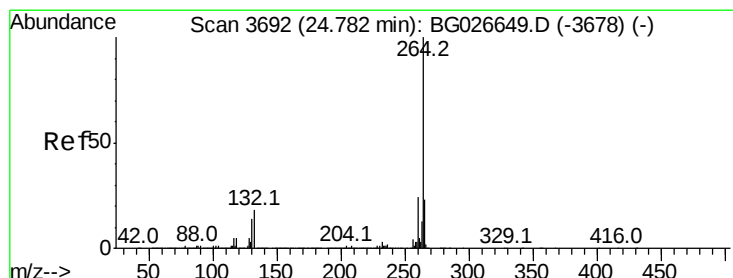
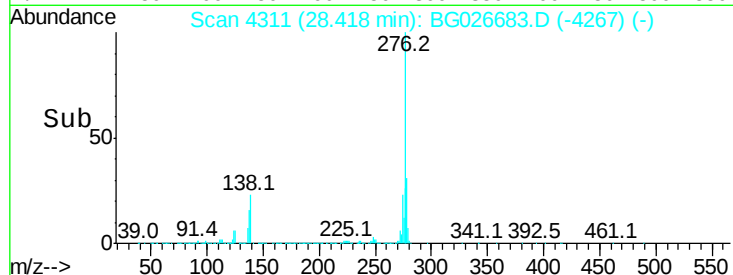
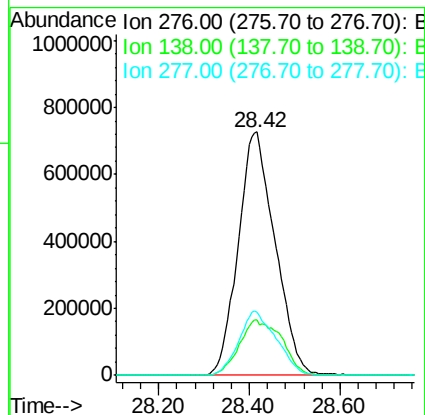
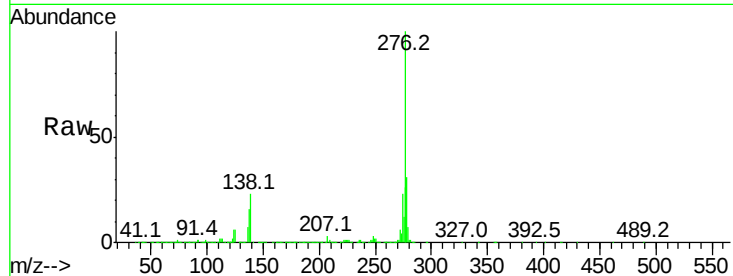


#85

Indeno(1,2,3-cd)pyrene
Concen: 45.48 ng
RT: 28.42 min Scan# 4311
Delta R.T. -0.04 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Instrument :
BNA_G
ClientSampleId :

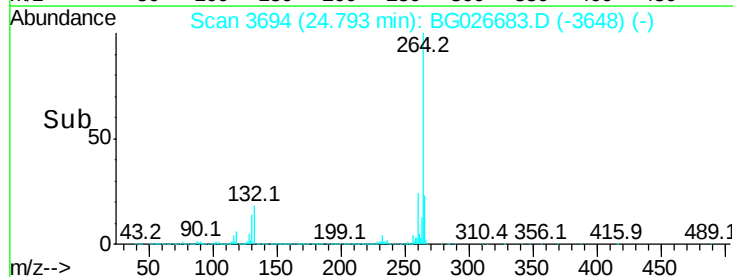
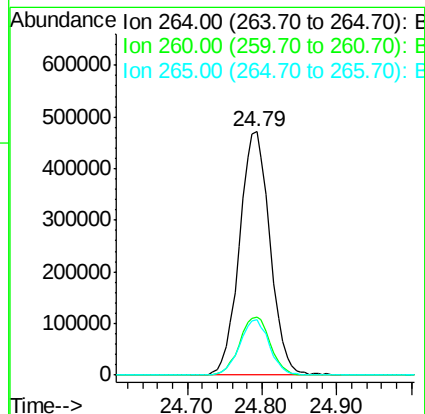
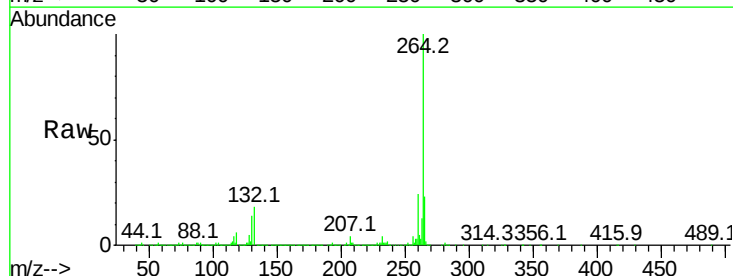
Tot Ion:276 Resp: 4107360
Ion Ratio Lower Upper
276 100
138 26.2 4.7 7.1#
277 27.0 20.6 31.0

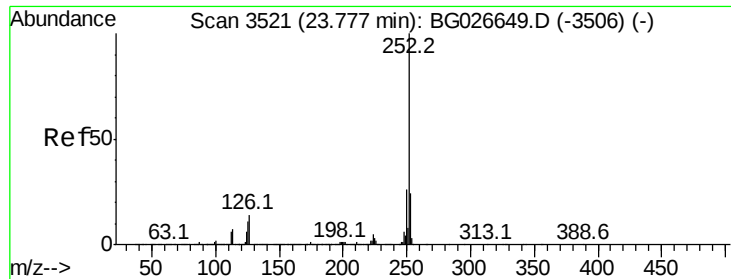


#86

Perylene-d12
Concen: 20.00 ng
RT: 24.79 min Scan# 3694
Delta R.T. -0.03 min
Lab File: BG026683.D
Acq: 20 Apr 2017 20:09

Tgt Ion:264 Resp: 1336877
Ion Ratio Lower Upper
264 100
260 24.0 21.8 32.8
265 22.7 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 43.88 ng

RT: 23.79 min Scan# 3523

Delta R.T. -0.02 min

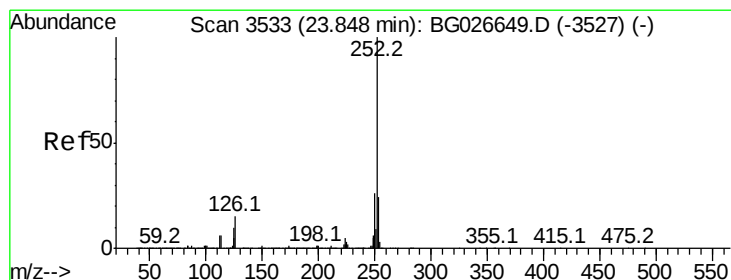
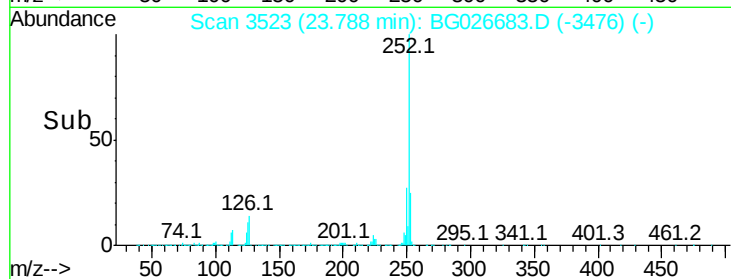
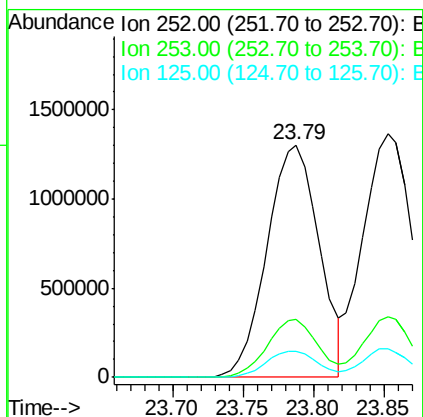
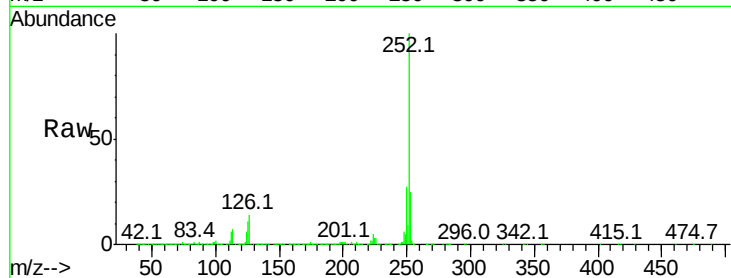
Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 3358656

Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.7	28.1
125	11.2	5.3	7.9#



#88

Benzo(k)fluoranthene

Concen: 45.27 ng

RT: 23.85 min Scan# 3534

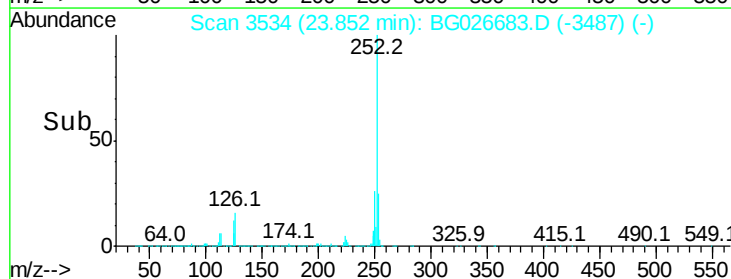
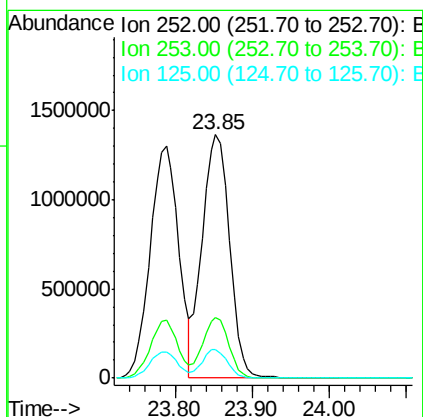
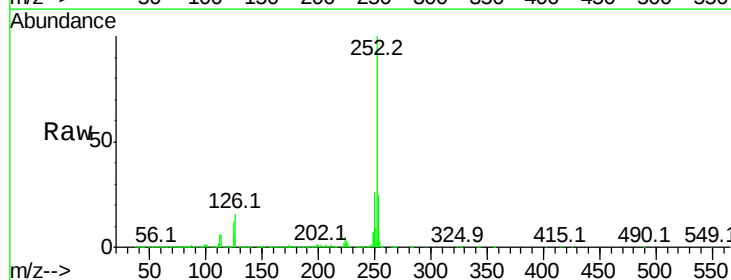
Delta R.T. -0.02 min

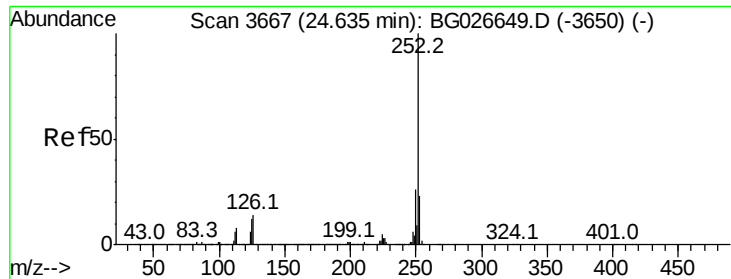
Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Tgt Ion:252 Resp: 3340017

Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.2	30.2
125	11.8	5.1	7.7#





#89

Benzo(a)pyrene

Concen: 44.82 ng

RT: 24.65 min Scan# 3669

Delta R.T. -0.03 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

Instrument :

BNA_G

ClientSampleId :

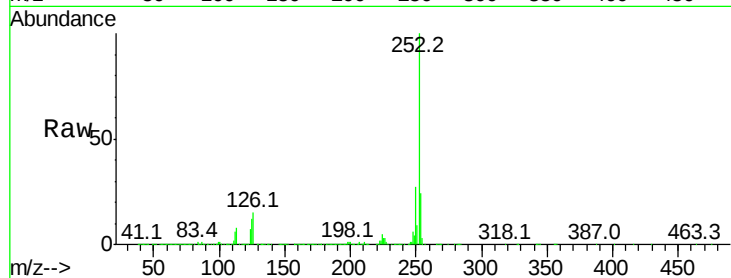
Tot Ion:252 Resp: 3311815

Ion Ratio Lower Upper

252 100

253 24.1 19.2 28.8

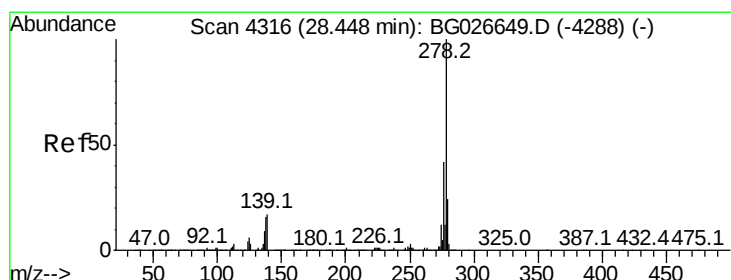
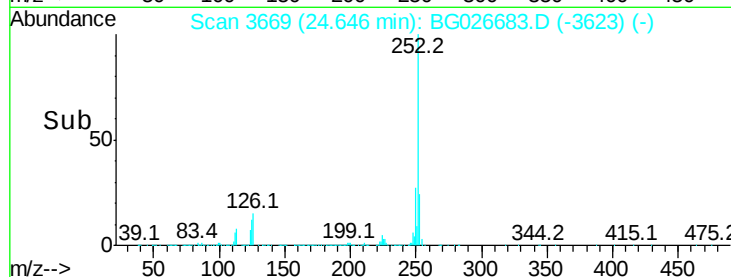
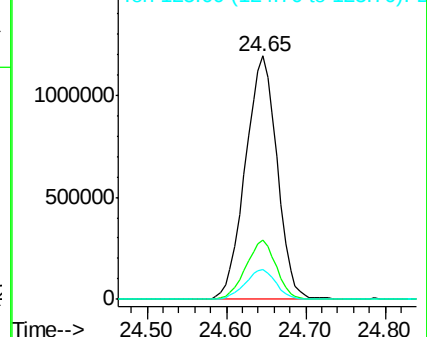
125 12.1 5.4 8.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.97 ng

RT: 28.46 min Scan# 4319

Delta R.T. -0.05 min

Lab File: BG026683.D

Acq: 20 Apr 2017 20:09

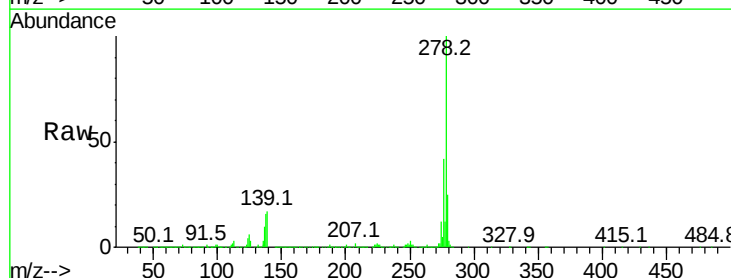
Tgt Ion:278 Resp: 3488880

Ion Ratio Lower Upper

278 100

139 16.6 7.7 11.5#

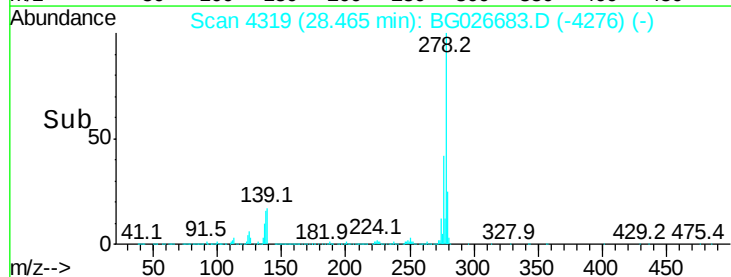
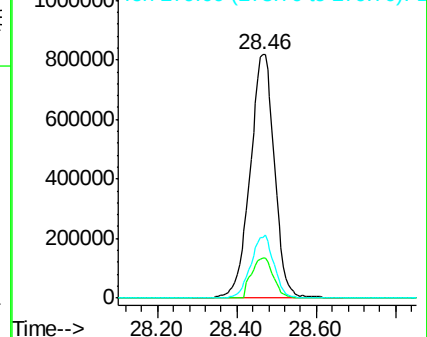
279 24.9 19.1 28.7

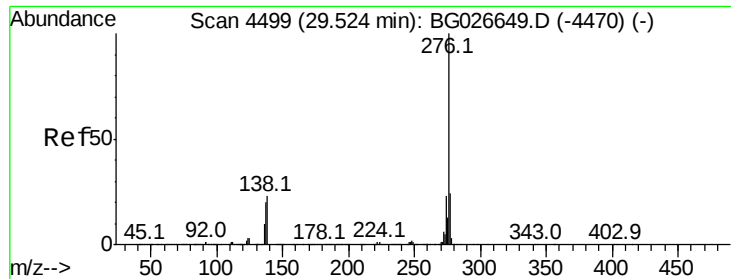


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 45.07 ng
 RT: 29.55 min Scan# 4503
 Delta R.T. -0.05 min
 Lab File: BG026683.D
 Acq: 20 Apr 2017 20:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 3420961
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.6 27.8
 138 22.6 8.1 12.1#

