

Data Path : Z:\HPCHEM1\BNA G\Data\BG051617\
 Data File : BG026981.D
 Acq On : 16 May 2017 16:50
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: May 17 03:57:34 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG042717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 01:49:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	155889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.80	136	750183	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	409663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	779379	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	701382	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	709960	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	28523	8.24	ng/uL	0.00
5) Phenol-d5	7.18	99	309275	22.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.32	67	173961	21.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	249707	21.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	248401	21.51	ng/ul	0.00
19) Nitrobenzene-d5	9.16	128	123570	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	142121	20.84	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	229135	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	313847	21.64	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	663317	20.12	ng/ul	0.00
46) Acenaphthylene-d8	14.31	160	876663	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	92250	15.52	ng/ul	0.00
57) Fluorene-d10	15.60	176	581447	20.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	84460	17.85	ng/ul	0.00
70) Anthracene-d10	17.45	188	787148	20.81	ng/ul	0.00
76) Pyrene-d10	19.73	212	761054	20.56	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.55	264	713777	21.26	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.21	94	318002	22.55	ng/ul#	76
8) Bis(2-Chloroethyl)ether	7.42	93	228386	20.98	ng/ul	93
10) 2-Chlorophenol	7.58	128	245104	21.09	ng/ul#	82
11) 2-Methylphenol	8.45	108	241685	21.65	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.53	45	257560	22.67	ng/ul#	86
14) Acetophenone	8.82	105	365040	21.52	ng/ul#	74
15) N-Nitroso-di-n-propylamine	8.80	70	171448	20.49	ng/ul#	73
16) 4-Methylphenol	8.78	108	266670	21.85	ng/ul	95
17) Hexachloroethane	9.09	117	85773	19.62	ng/ul#	74
20) Nitrobenzene	9.20	77	254307	21.02	ng/ul#	76
21) Isophorone	9.72	82	477219	20.54	ng/ul#	92
23) 2-Nitrophenol	9.92	139	147654	20.59	ng/ul#	59
25) Bis(2-Chloroethoxy)methane	10.20	93	321951	20.29	ng/ul	94
27) 2,4-Dichlorophenol	10.46	162	230138	21.30	ng/ul	96
28) Naphthalene	10.86	128	801660	20.53	ng/ul	98
30) 4-Chloroaniline	10.96	127	299131	21.86	ng/ul	93
31) Hexachlorobutadiene	11.14	225	110035	20.13	ng/ul	90
32) Caprolactam	11.71	113	83350	20.64	ng/ul#	64
33) 4-Chloro-3-methylphenol	12.09	107	264305	22.55	ng/ul	86
34) 2-Methylnaphthalene	12.45	142	587881	20.29	ng/ul	93
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	221658	20.52	ng/ul	95
37) Hexachlorocyclopentadiene	12.80	237	90574	19.03	ng/ul	90
38) 2,4,6-Trichlorophenol	13.06	196	153381	20.64	ng/ul	95

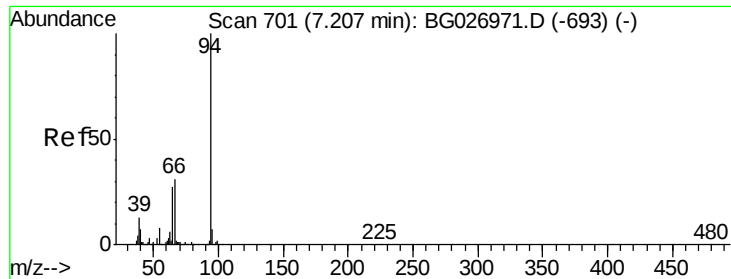
Data Path : Z:\HPCHEM1\BNA G\Data\BG051617\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 2,4,5-Trichlorophenol	13.15	196	154467	20.11	ng/ul	96
40) 1,1'-Biphenyl	13.45	154	707466	20.54	ng/ul	99
41) 2-Chloronaphthalene	13.50	162	536888	20.74	ng/ul	95
42) 2-Nitroaniline	13.70	65	168525	22.78	ng/ul#	77
44) Dimethylphthalate	14.06	163	647622	20.06	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	139235	20.44	ng/ul#	82
47) Acenaphthylene	14.34	152	883050	20.93	ng/ul	100
48) 3-Nitroaniline	14.52	138	151485	21.13	ng/ul#	78
49) Acenaphthene	14.68	153	595782	20.30	ng/ul	97
52) 4-Nitrophenol	14.85	109	52806	15.15	ng/ul#	28
53) Dibenzofuran	15.02	168	792373	20.28	ng/ul	96
54) 2,4-Dinitrotoluene	14.98	165	198176	20.33	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.24	232	110394	18.29	ng/ul#	72
56) Diethylphthalate	15.42	149	690161	20.43	ng/ul	99
58) Fluorene	15.66	166	642404	20.15	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.64	204	281651	20.26	ng/ul	93
60) 4-Nitroaniline	15.68	138	153768	19.46	ng/ul#	52
63) 4,6-Dinitro-2-methylphenol	15.75	198	88827	18.02	ng/ul#	90
64) N-Nitrosodiphenylamine	15.86	169	544825	21.27	ng/ul	95
65) 4-Bromophenyl-phenylether	16.54	248	165019	21.22	ng/ul#	87
66) Hexachlorobenzene	16.67	284	171810	20.51	ng/ul#	89
67) Atrazine	16.80	200	169249	21.14	ng/ul#	92
68) Pentachlorophenol	17.01	266	58839	15.38	ng/ul	91
69) Phenanthrene	17.39	178	902649	20.56	ng/ul	100
71) Anthracene	17.48	178	937266	20.81	ng/ul	99
72) Carbazole	17.75	167	856174	22.48	ng/ul	98
73) Di-n-butylphthalate	18.30	149	1085337	21.90	ng/ul#	96
74) Fluoranthene	19.40	202	923625	22.66	ng/ul#	79
77) Pvrene	19.76	202	949278	20.17	ng/ul#	78
78) Butylbenzylphthalate	20.63	149	495118	22.65	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.49	252	306000	22.69	ng/ul#	89
80) Benzo(a)anthracene	21.58	228	861585	21.00	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.47	149	712636	22.85	ng/ul#	98
82) Chrysene	21.64	228	796755	20.91	ng/ul	98
84) Di-n-octyl phthalate	22.65	149	1236564	25.35	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	847620	20.89	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	894156	22.43	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	855065	21.42	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	28.36	276	855410	18.07	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.42	278	752428	18.75	ng/ul#	86
91) Benzo(g,h,i)perylene	29.49	276	635662	16.19	ng/ul#	83

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



#6

Phenol

Concen: 22.55 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

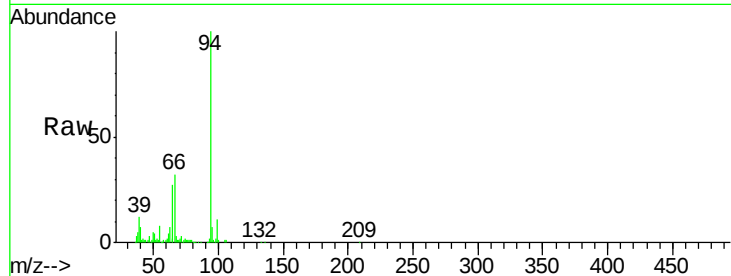
Tot Ion: 94 Resp: 318002

Ion Ratio Lower Upper

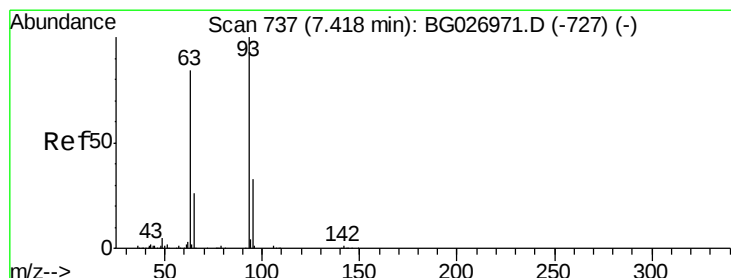
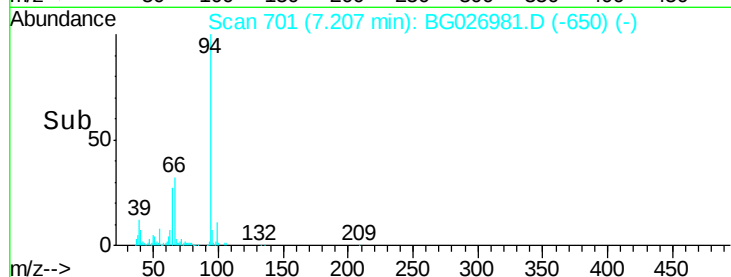
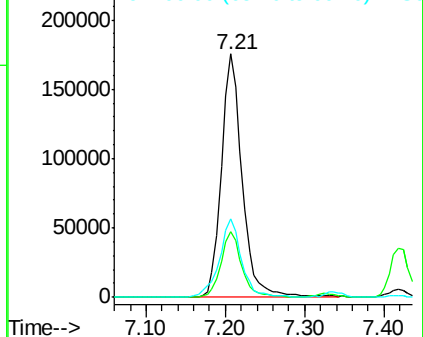
94 100

65 27.1 26.8 40.2

66 32.3 44.4 66.6#



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



#8

Bis(2-Chloroethyl)ether

Concen: 20.98 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

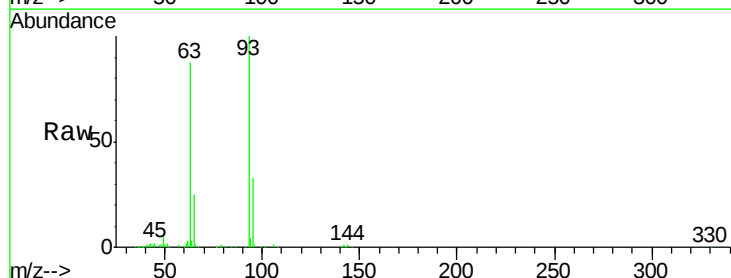
Tgt Ion: 93 Resp: 228386

Ion Ratio Lower Upper

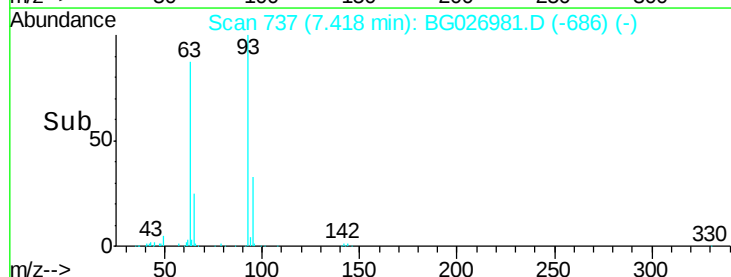
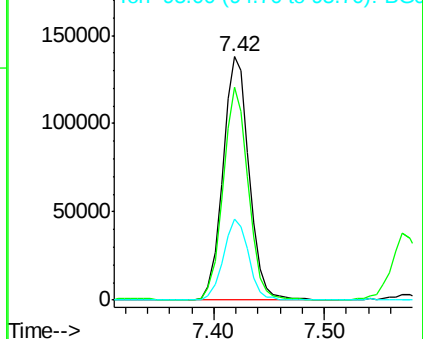
93 100

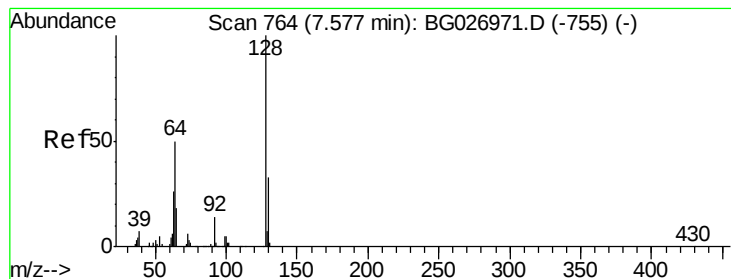
63 87.4 75.5 113.3

95 33.2 29.2 43.8



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





#10

2-Chlorophenol

Concen: 21.09 ng/ul

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

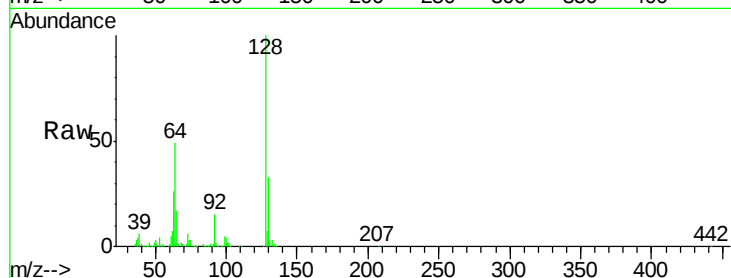
Tot Ion:128 Resp: 245104

Ion Ratio Lower Upper

128 100

64 48.5 56.3 84.5#

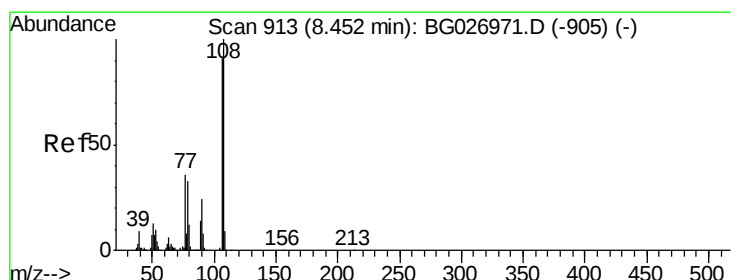
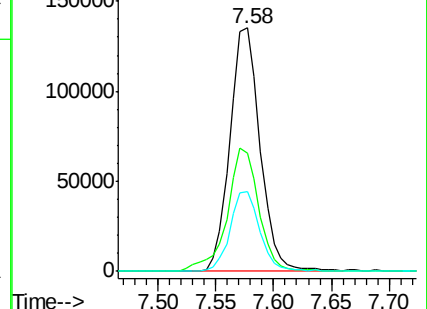
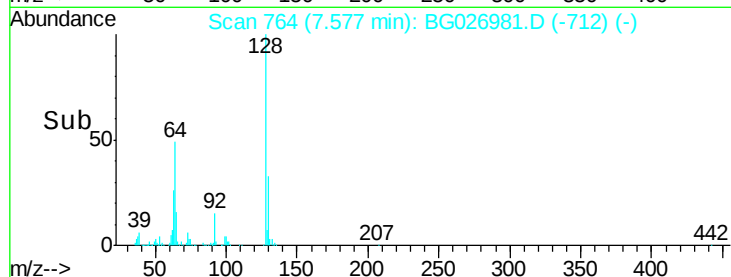
130 32.8 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.65 ng/ul

RT: 8.45 min Scan# 913

Delta R.T. -0.00 min

Lab File: BG026981.D

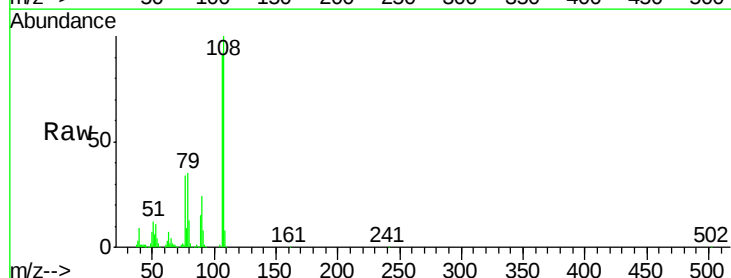
Acq: 16 May 2017 16:50

Tgt Ion:108 Resp: 241685

Ion Ratio Lower Upper

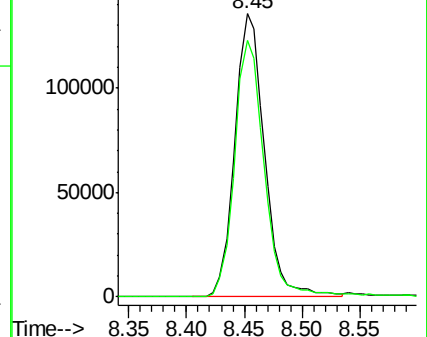
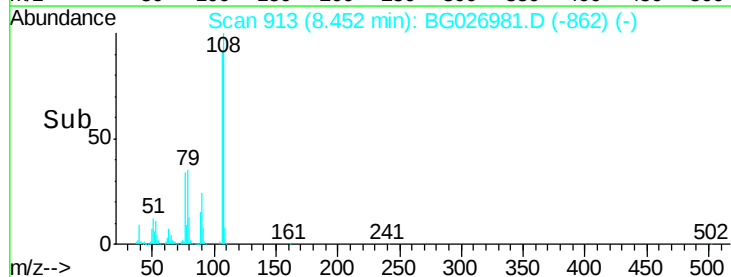
108 100

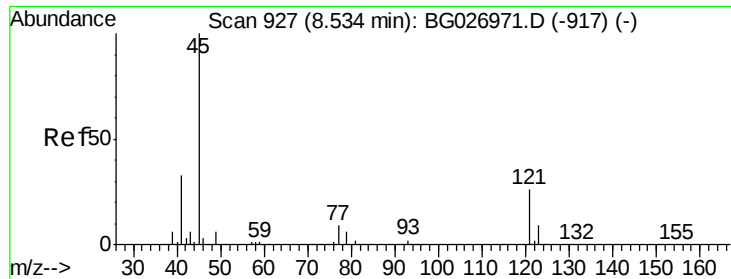
107 90.6 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

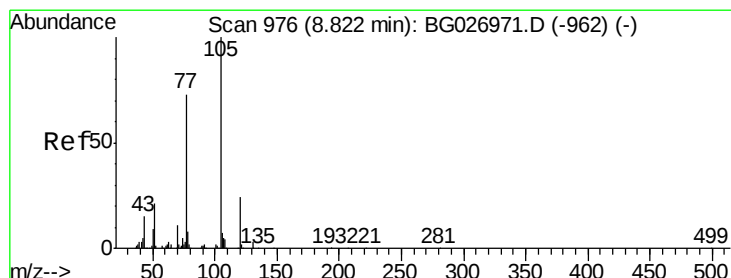
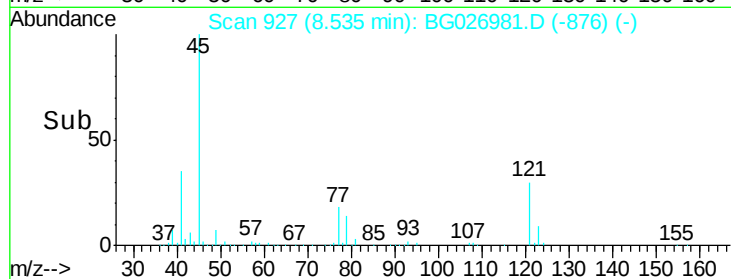
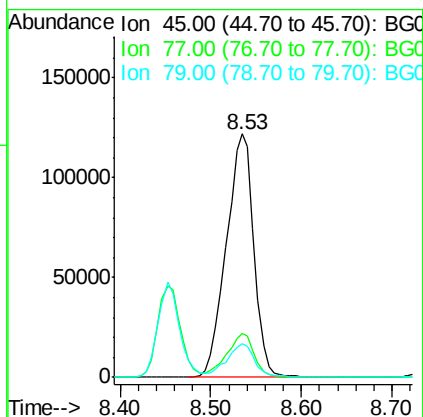
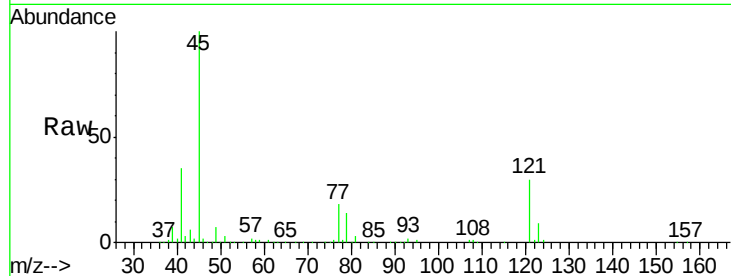




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 22.67 ng/ul
RT: 8.53 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

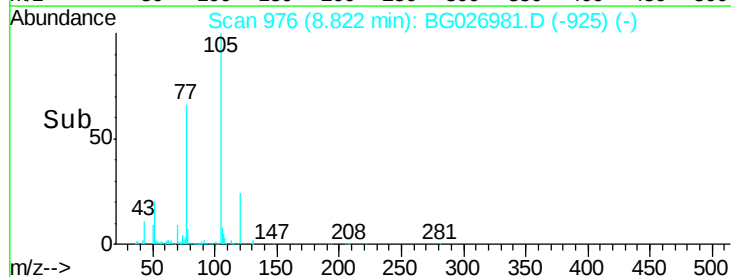
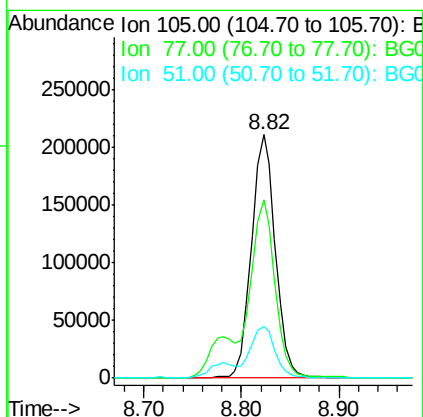
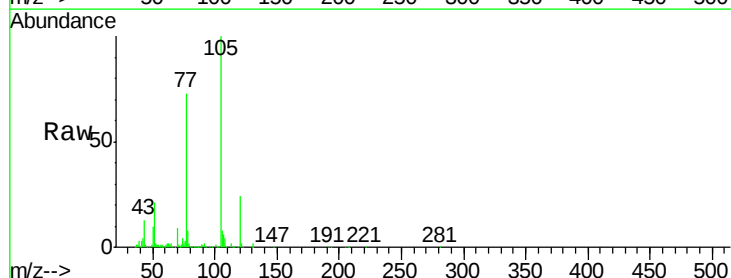
Instrument :
BNA_G
ClientSampleId :

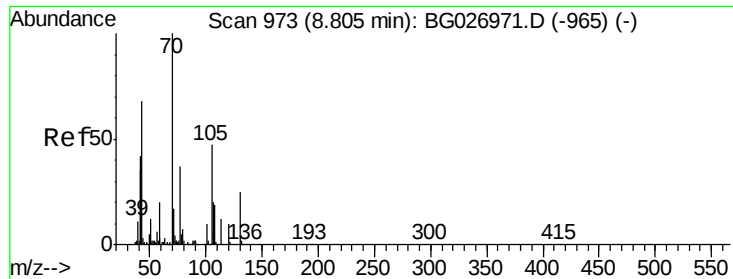
Tot Ion	Ratio	Lower	Upper
45	100		
77	18.0	10.0	15.0#
79	14.0	7.3	10.9#



#14
Acetophenone
Concen: 21.52 ng/ul
RT: 8.82 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
105	100		
77	73.4	76.0	114.0#
51	21.3	34.8	52.2#





#15

N-Nitroso-di-n-propylamine

Concen: 20.49 ng/ul

RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 171448

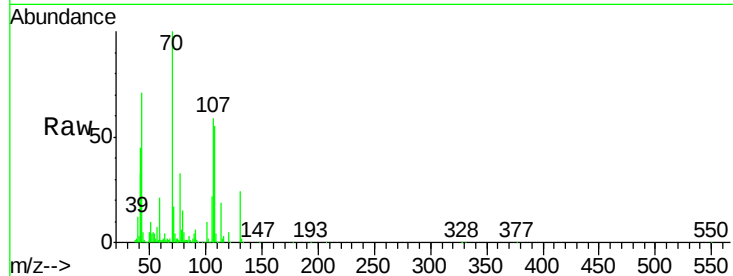
Ion Ratio Lower Upper

70 100

42 45.0 59.0 88.6#

101 10.0 6.6 9.8#

130 24.0 15.6 23.4#

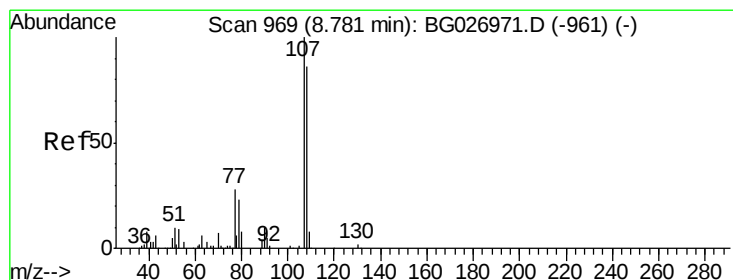
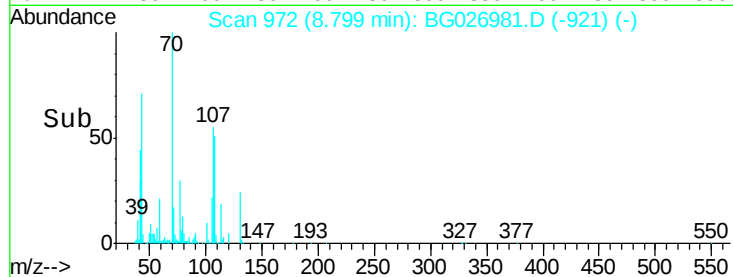
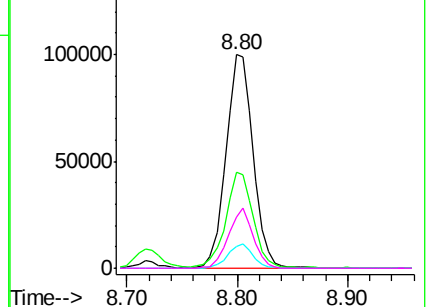


Abundance Ion 70.00 (69.70 to 70.70): BGC

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



#16

4-Methylphenol

Concen: 21.85 ng/ul

RT: 8.78 min Scan# 969

Delta R.T. -0.00 min

Lab File: BG026981.D

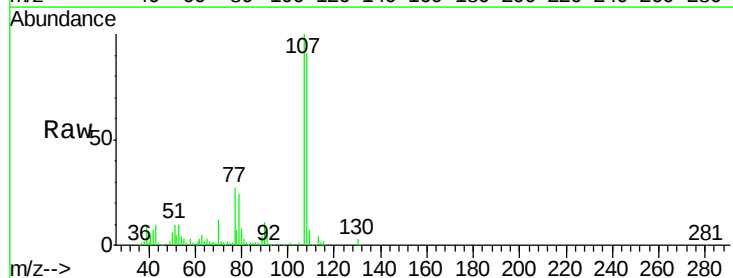
Acq: 16 May 2017 16:50

Tgt Ion:108 Resp: 266670

Ion Ratio Lower Upper

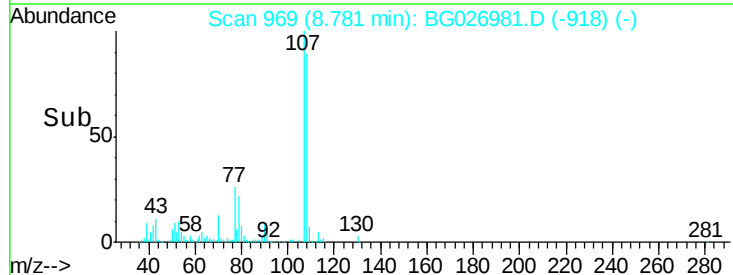
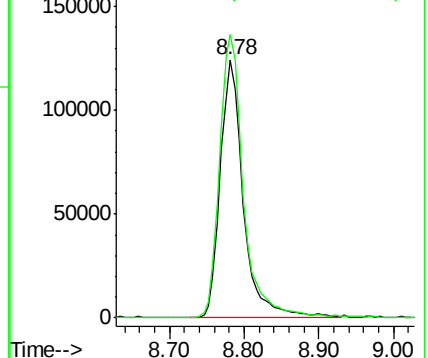
108 100

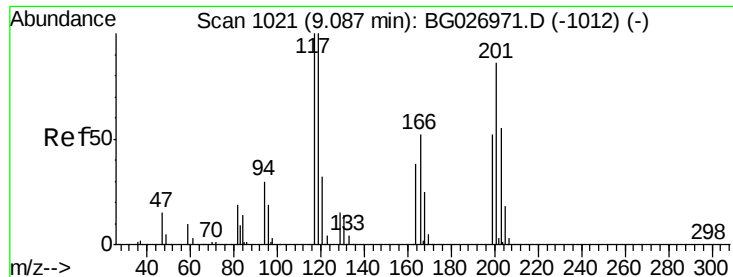
107 109.7 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): BGC

Ion 107.00 (106.70 to 107.70): BGC





#17

Hexachloroethane

Concen: 19.62 ng/ul

RT: 9.09 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

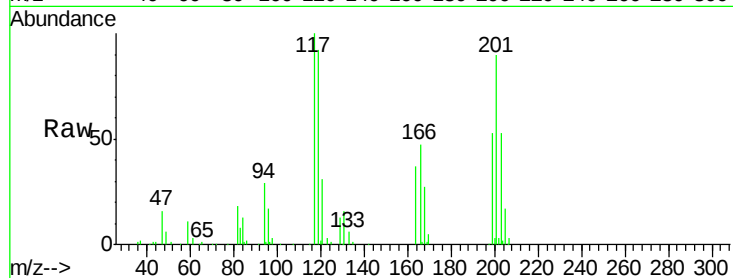
Tot Ion:117 Resp: 85773

Ion Ratio Lower Upper

117 100

201 90.1 91.9 137.9#

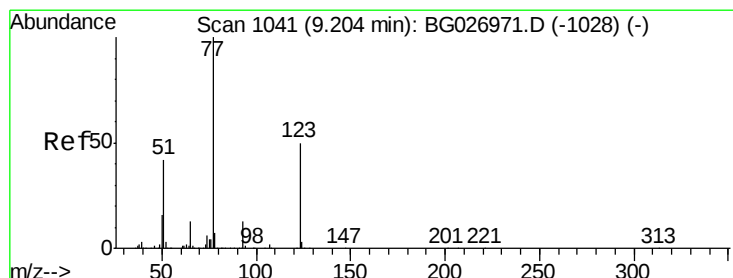
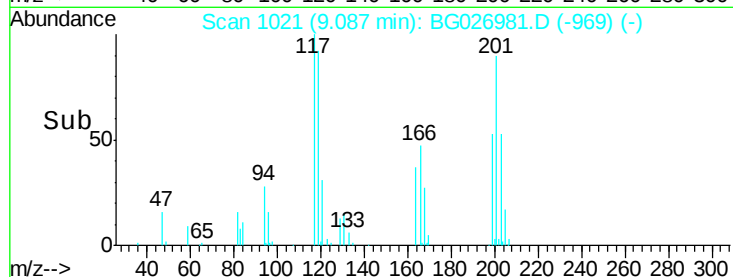
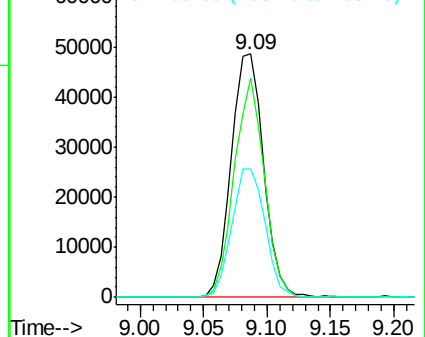
199 52.8 64.3 96.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 21.02 ng/ul

RT: 9.20 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

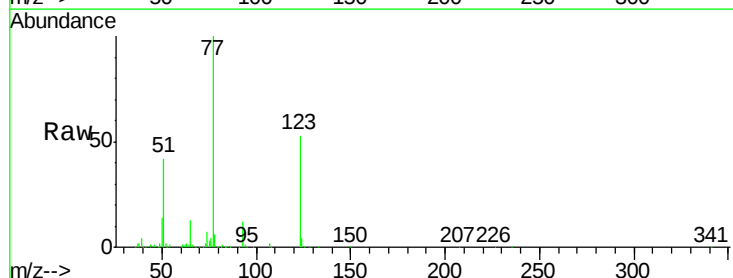
Tgt Ion: 77 Resp: 254307

Ion Ratio Lower Upper

77 100

123 52.5 27.4 41.0#

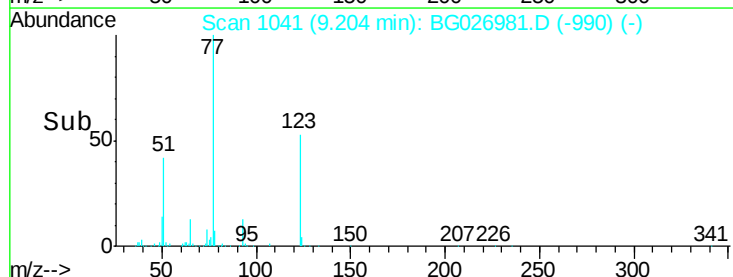
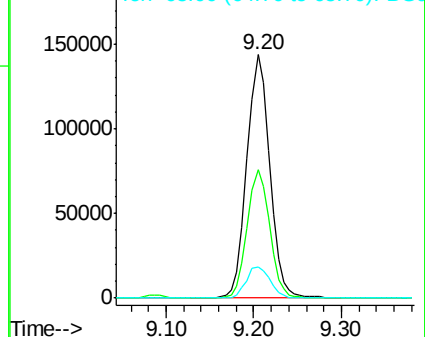
65 13.0 13.3 19.9#

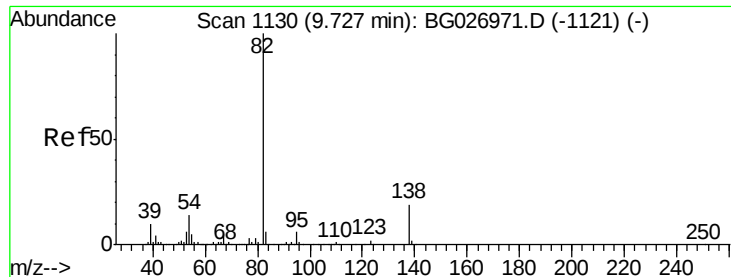


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.54 ng/ul

RT: 9.72 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

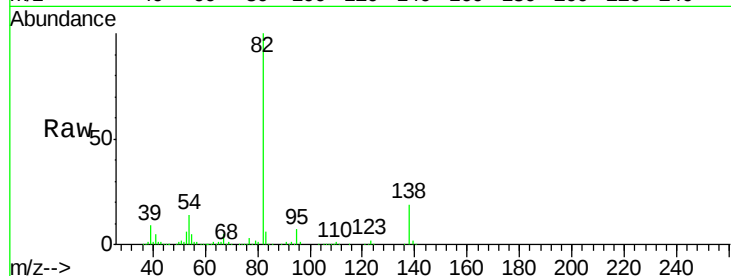
Tot Ion: 82 Resp: 477219

Ion Ratio Lower Upper

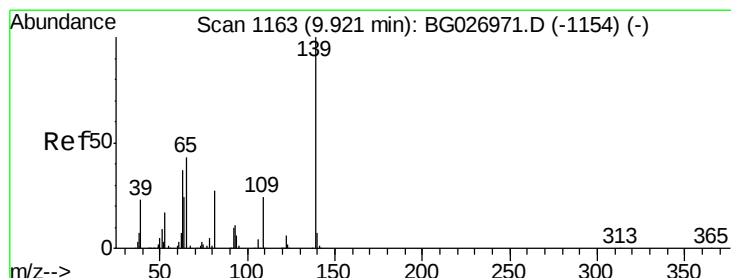
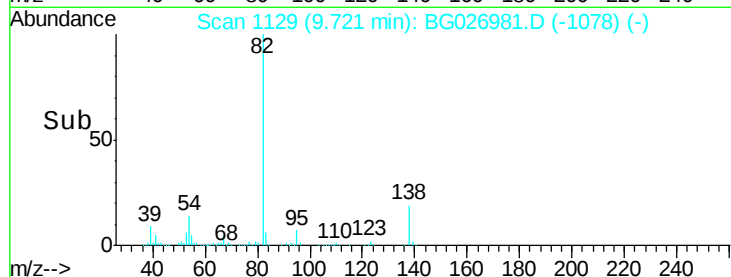
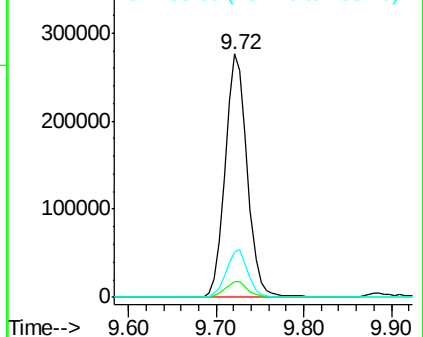
82 100

95 6.5 7.8 11.6#

138 18.7 12.2 18.2#



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



#23

2-Nitrophenol

Concen: 20.59 ng/ul

RT: 9.92 min Scan# 1162

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

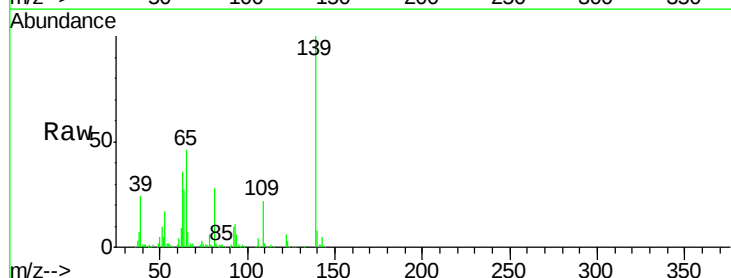
Tgt Ion: 139 Resp: 147654

Ion Ratio Lower Upper

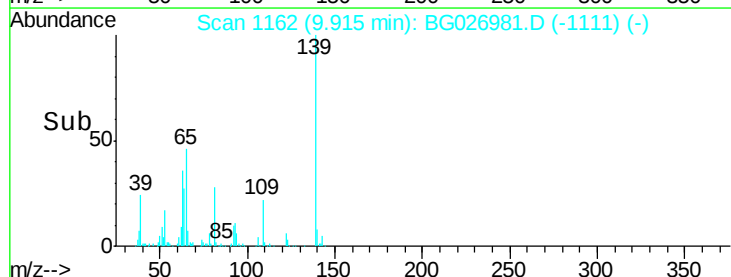
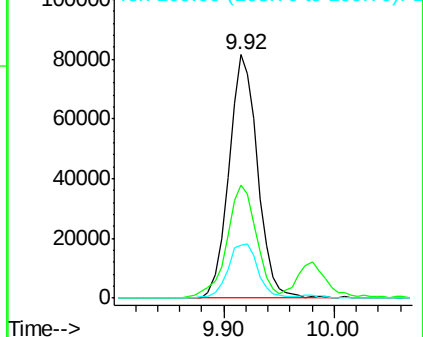
139 100

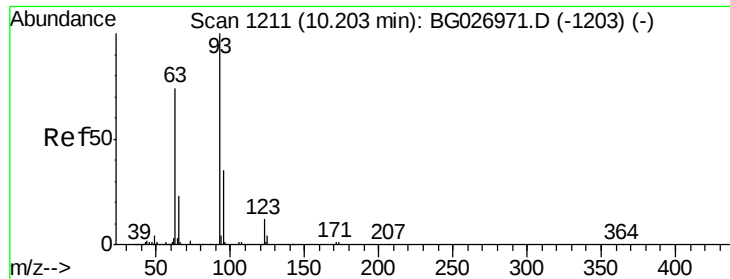
65 46.2 67.0 100.6#

109 22.0 39.6 59.4#



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





#25

Bis(2-Chloroethoxy)methane

Concen: 20.29 ng/ul

RT: 10.20 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampled :

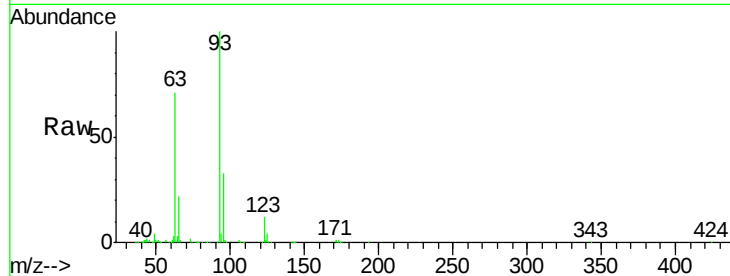
Tot Ion: 93 Resp: 321951

Ion	Ratio	Lower	Upper
93	100		
95	32.7	23.4	35.0
123	11.5	7.8	11.6

93 100

95 32.7 23.4 35.0

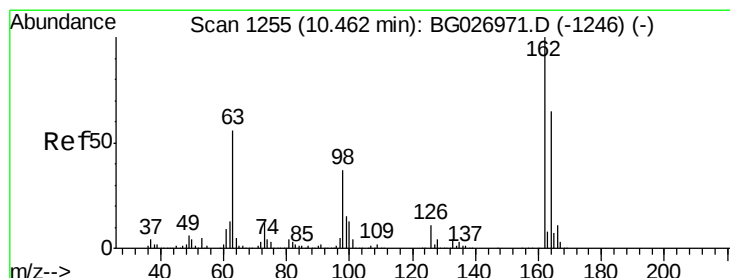
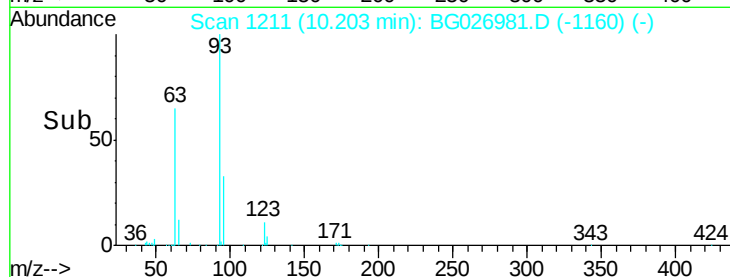
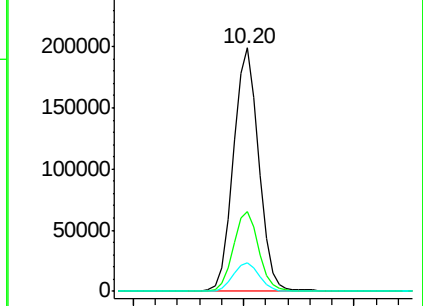
123 11.5 7.8 11.6



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): BGC



#27

2,4-Dichlorophenol

Concen: 21.30 ng/ul

RT: 10.46 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

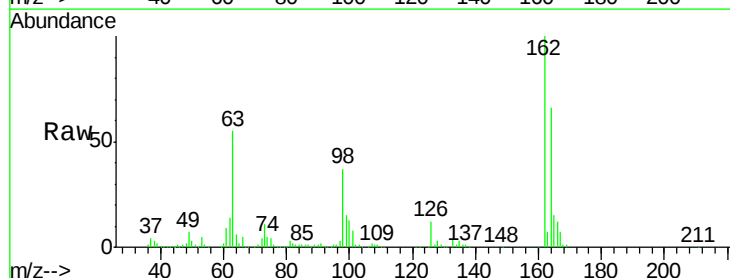
Tgt Ion: 162 Resp: 230138

Ion	Ratio	Lower	Upper
162	100		
164	66.0	50.8	76.2
98	36.9	32.1	48.1

162 100

164 66.0 50.8 76.2

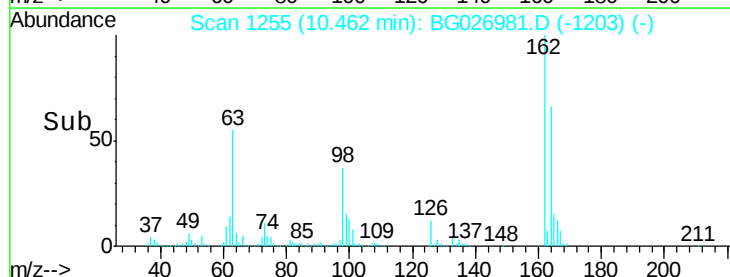
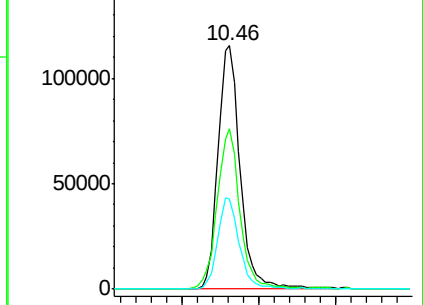
98 36.9 32.1 48.1

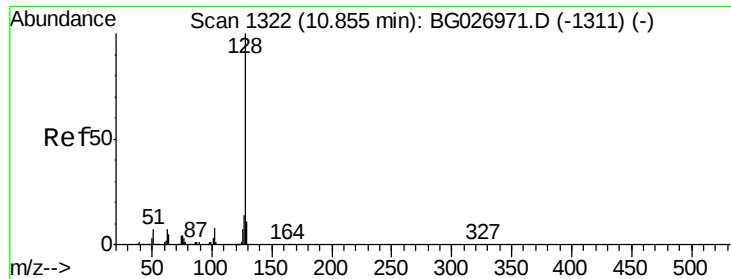


Abundance Ion 162.00 (161.70 to 162.70): BGC

Ion 164.00 (163.70 to 164.70): BGC

Ion 98.00 (97.70 to 98.70): BGC

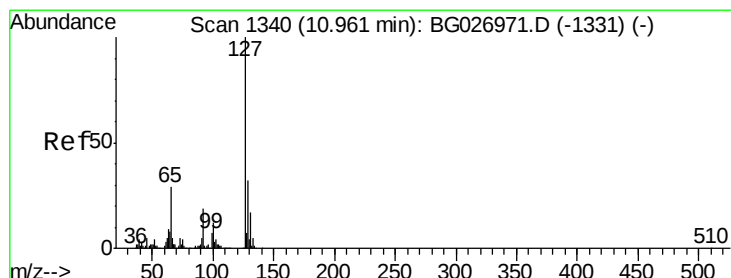
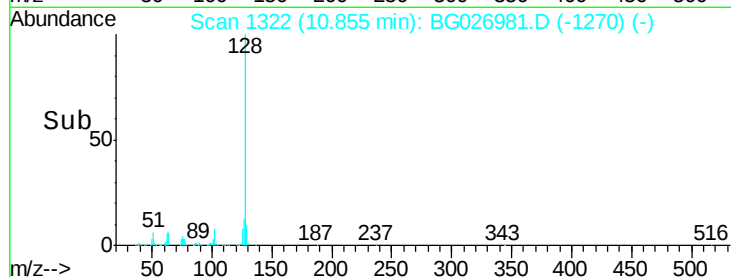
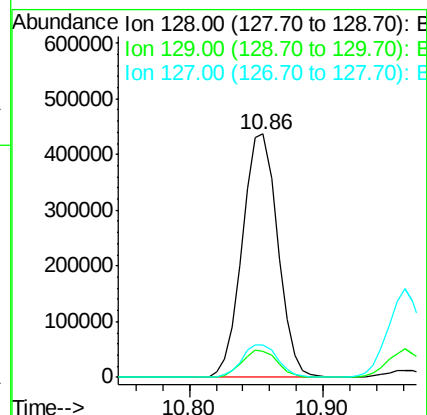
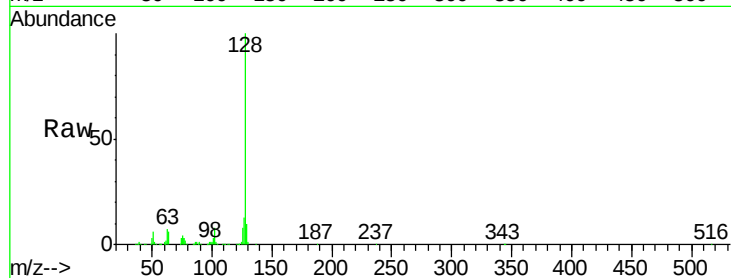




#28
Naphthalene
Concen: 20.53 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. 0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

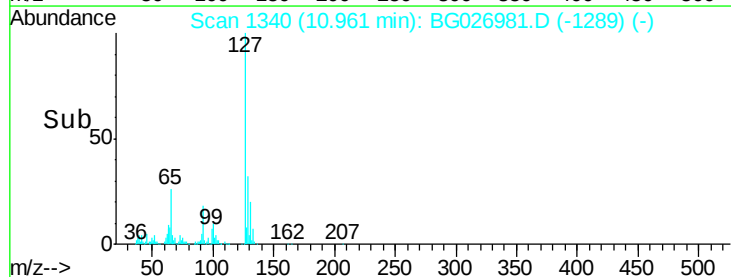
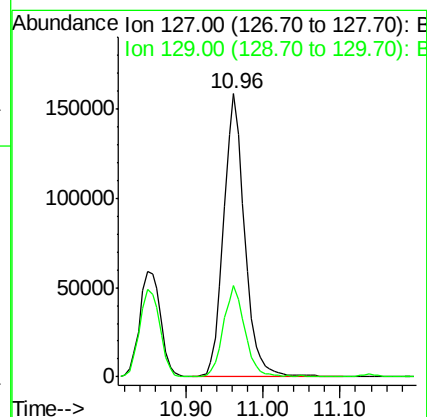
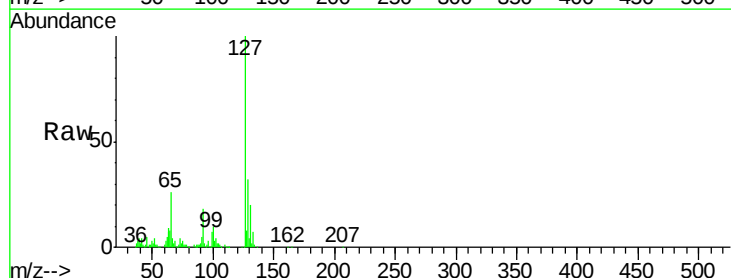
Instrument :
BNA_G
ClientSampleId :

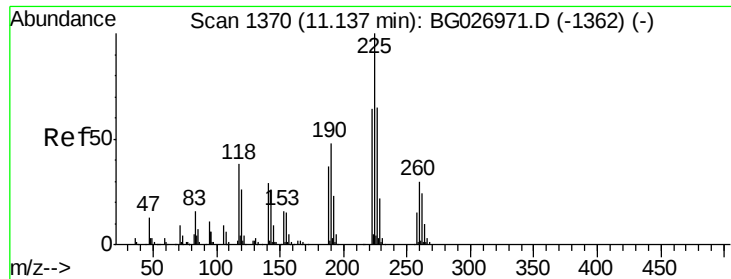
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.4	14.2
127	13.1	10.3	15.5



#30
4-Chloroaniline
Concen: 21.86 ng/ul
RT: 10.96 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.3	28.9	43.3

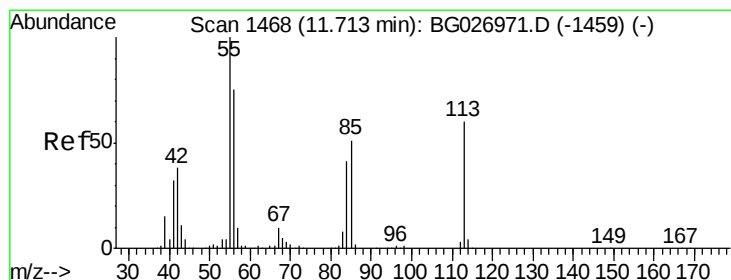
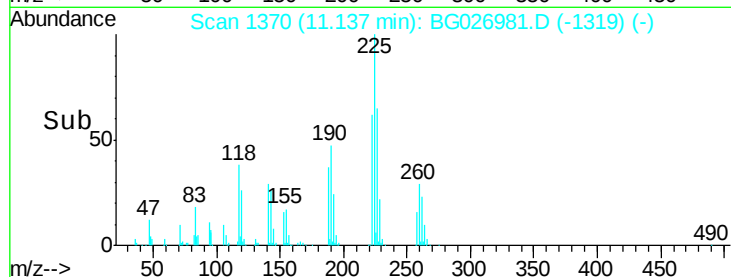
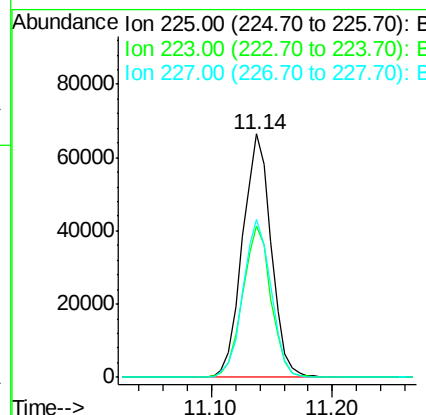
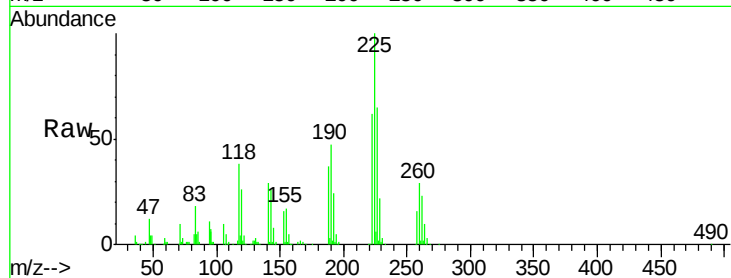




#31
Hexachlorobutadiene
Concen: 20.13 ng/ul
RT: 11.14 min Scan# 1370
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

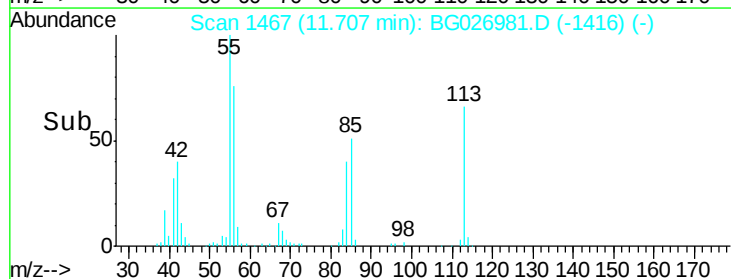
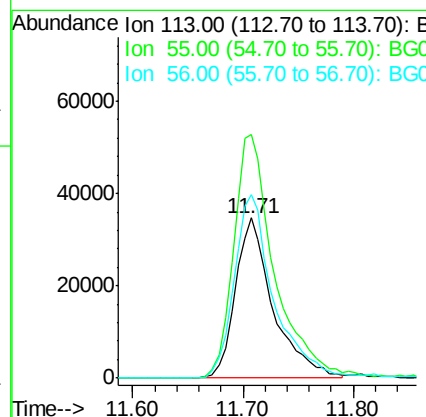
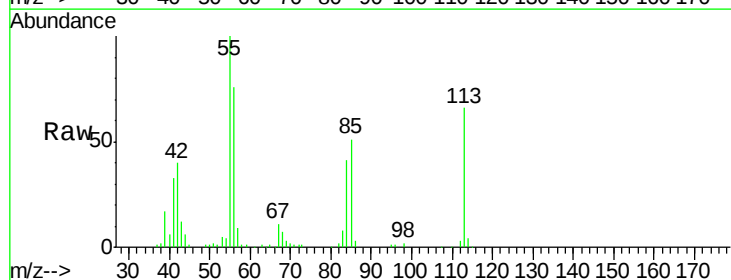
Instrument :
BNA_G
ClientSampleId :

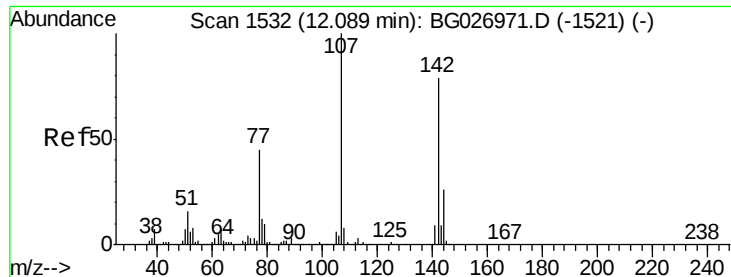
Tot Ion	Ratio	Lower	Upper
225	100		
223	62.4	45.9	68.9
227	64.9	44.7	67.1



#32
Caprolactam
Concen: 20.64 ng/ul
RT: 11.71 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
113	100		
55	152.1	168.6	252.8#
56	114.8	128.5	192.7#

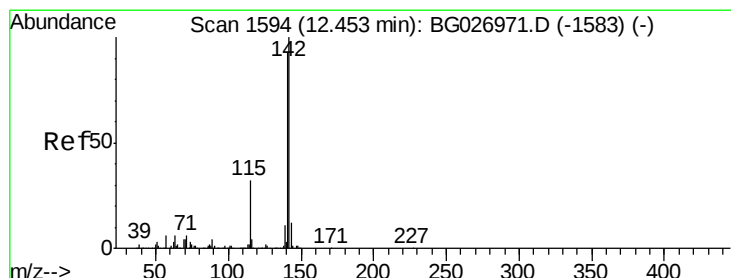
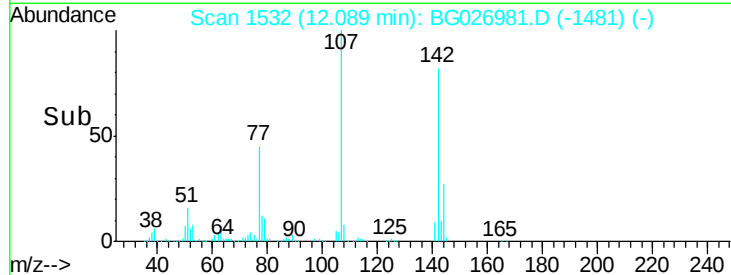
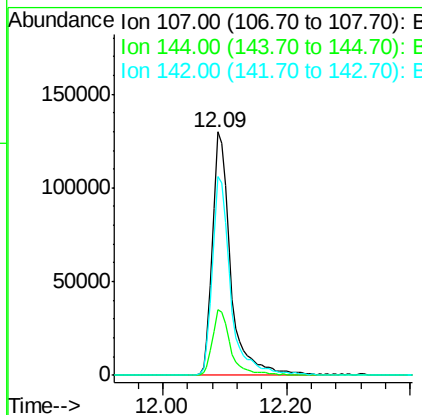
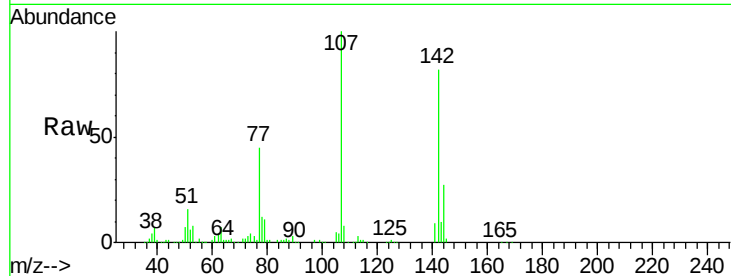




#33
 4-Chloro-3-methylphenol
 Concen: 22.55 ng/ul
 RT: 12.09 min Scan# 1532
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

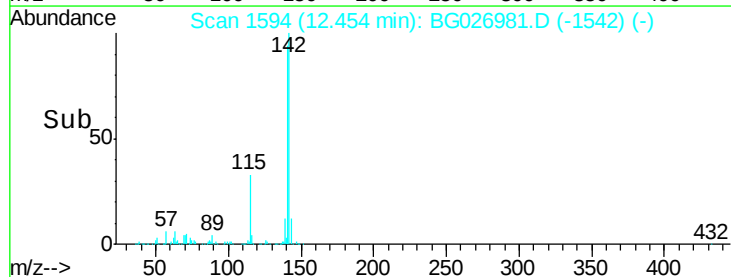
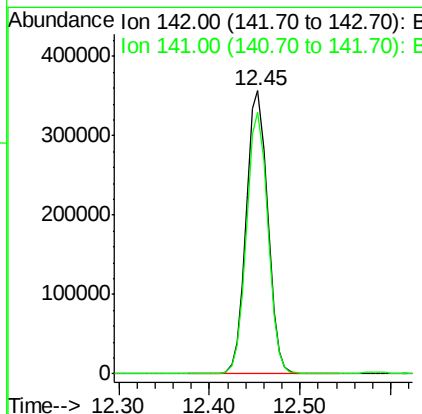
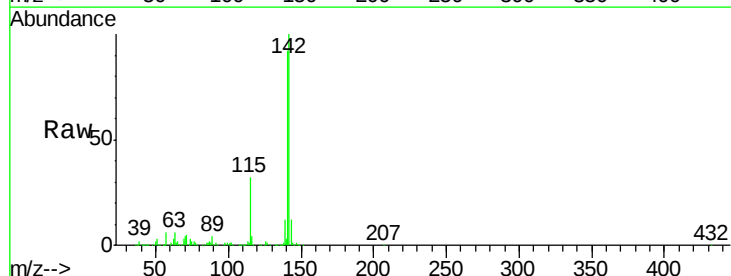
Instrument :
 BNA_G
 ClientSampleId :

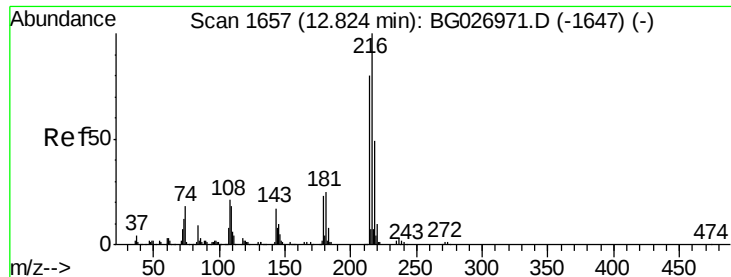
Tot Ion:107 Resp: 264305
 Ion Ratio Lower Upper
 107 100
 144 26.9 18.2 27.4
 142 81.8 55.0 82.4



#34
 2-Methylnaphthalene
 Concen: 20.29 ng/ul
 RT: 12.45 min Scan# 1594
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion:142 Resp: 587881
 Ion Ratio Lower Upper
 142 100
 141 92.2 68.6 102.8

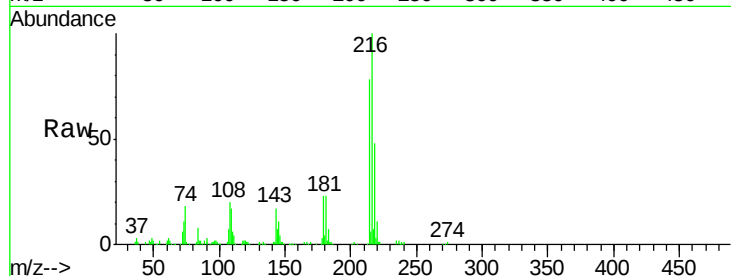




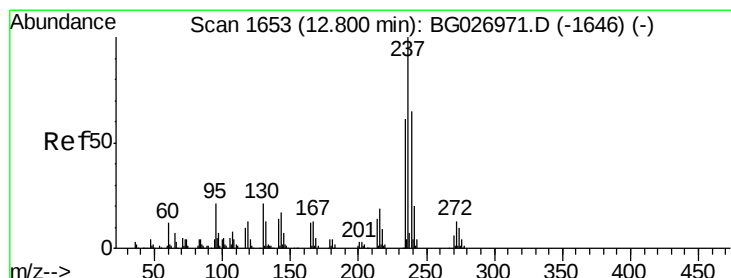
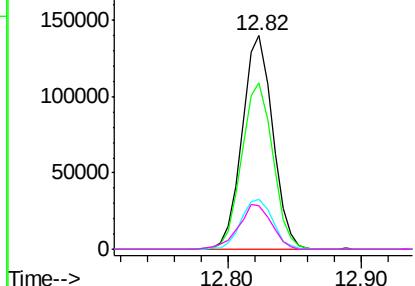
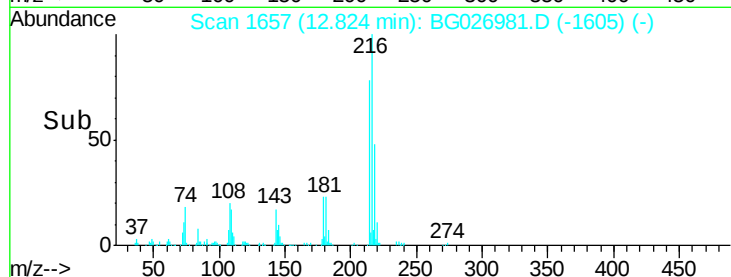
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.52 ng/ul
 RT: 12.82 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216	Resp:	221658
Ion Ratio	Lower	Upper
216	100	
214	78.2	67.0 100.6
179	23.2	18.1 27.1
108	20.3	14.1 21.1

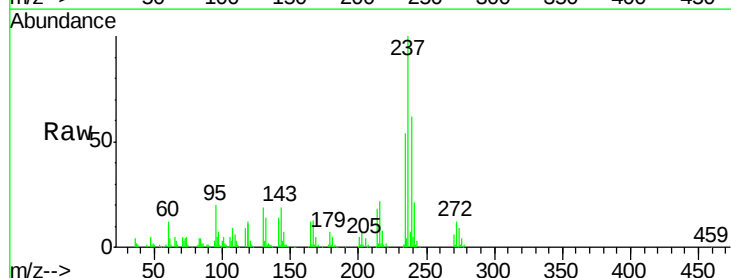


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

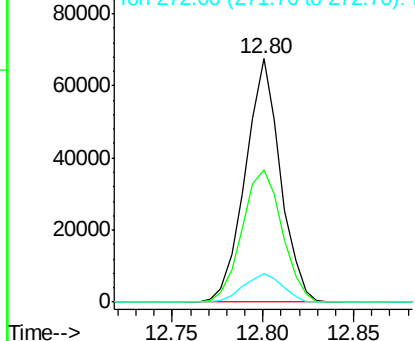
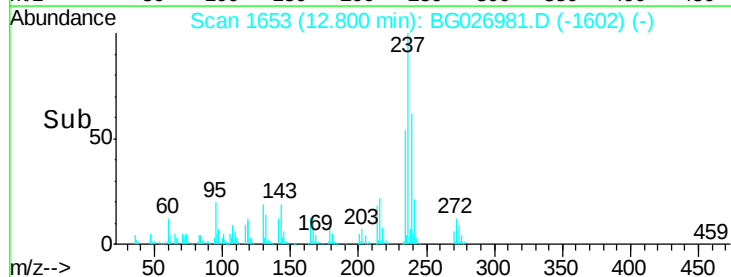


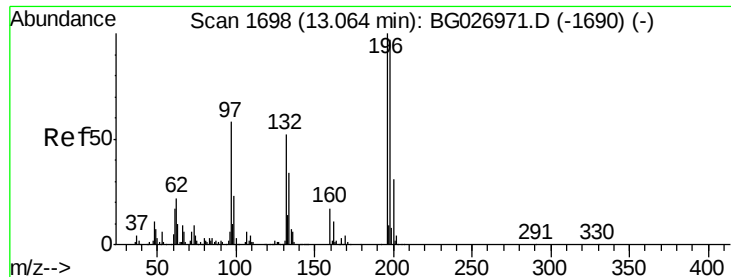
#37
 Hexachlorocyclopentadiene
 Concen: 19.03 ng/ul
 RT: 12.80 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion:237	Resp:	90574
Ion Ratio	Lower	Upper
237	100	
235	54.3	50.2 75.4
272	11.8	10.6 16.0



Abundance Ion 237.00 (236.70 to 237.70): E
 Ion 235.00 (234.70 to 235.70): E
 Ion 272.00 (271.70 to 272.70): E

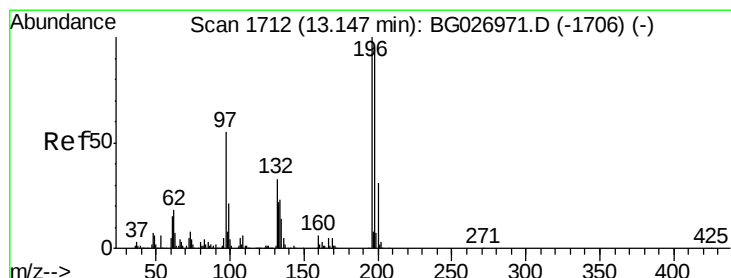
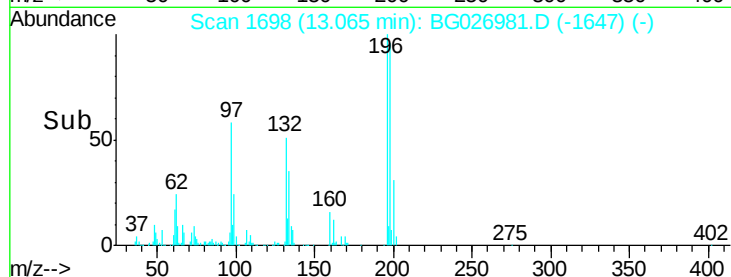
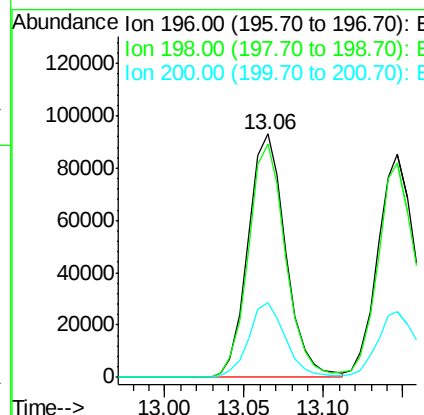
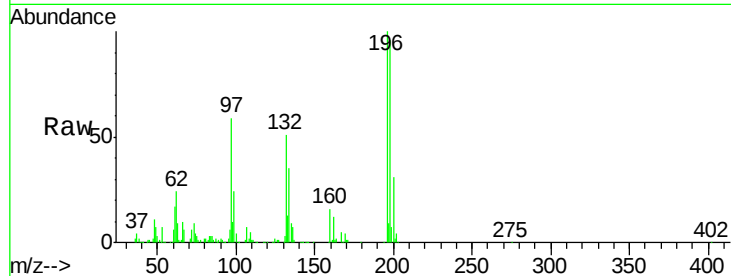




#38
 2,4,6-Trichlorophenol
 Concen: 20.64 ng/ul
 RT: 13.06 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

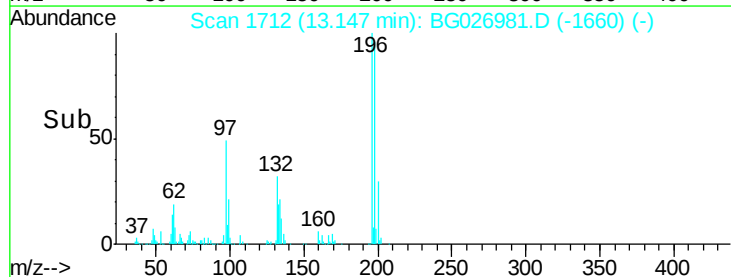
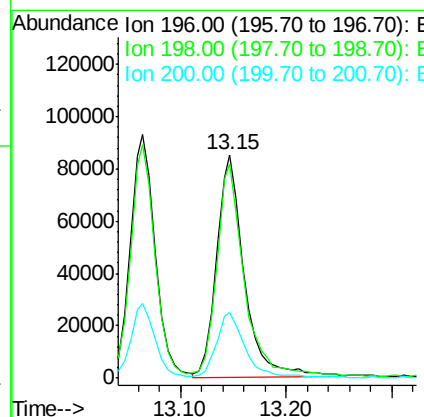
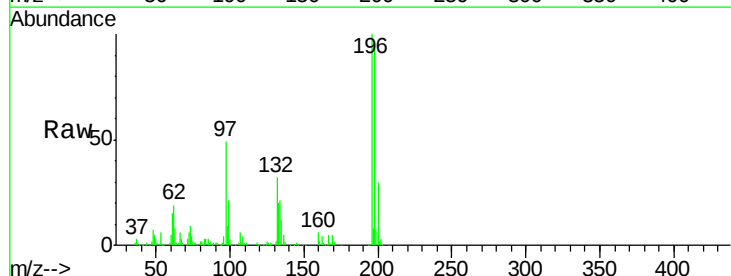
Instrument :
 BNA_G
 ClientSampleId :

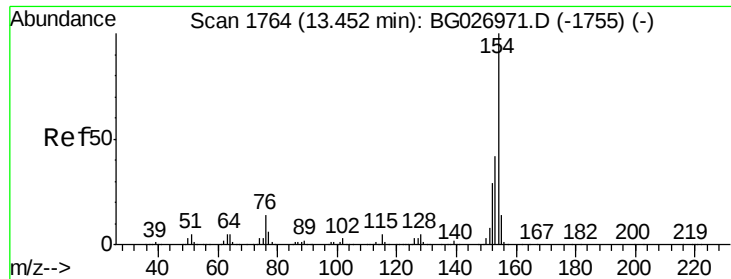
Tot Ion	196	Resp	153381
Ion Ratio	Lower	Upper	
196	100		
198	96.0	71.4	107.2
200	30.6	24.6	37.0



#39
 2,4,5-Trichlorophenol
 Concen: 20.11 ng/ul
 RT: 13.15 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion	196	Resp	154467
Ion Ratio	Lower	Upper	
196	100		
198	95.8	78.6	118.0
200	29.5	27.3	40.9

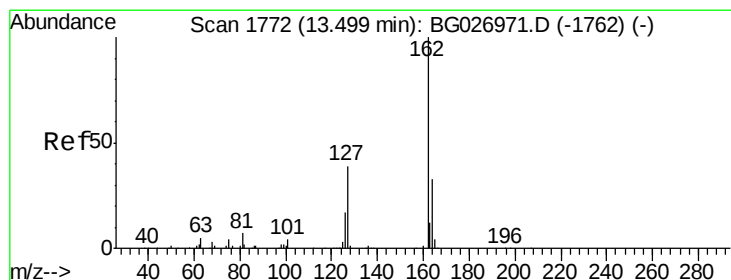
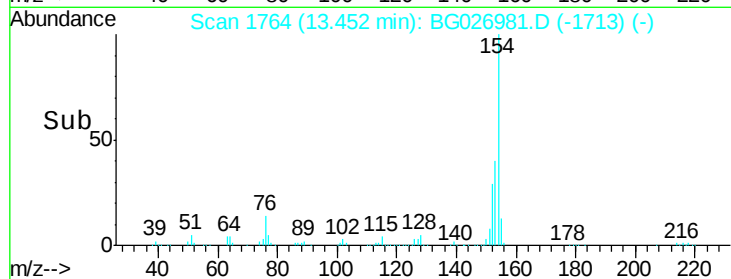
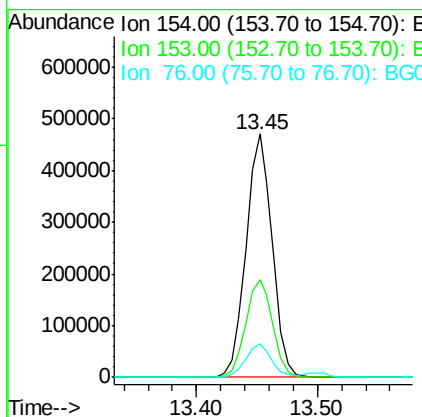
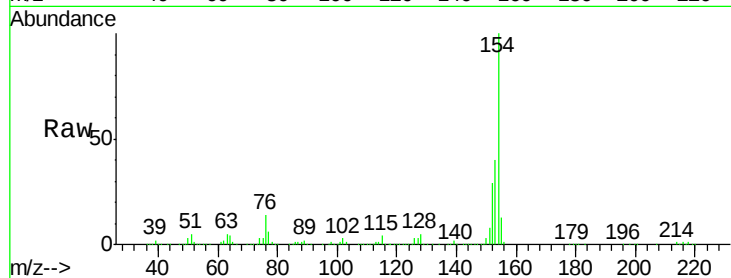




#40
 1,1'-Biphenyl
 Concen: 20.54 ng/ul
 RT: 13.45 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

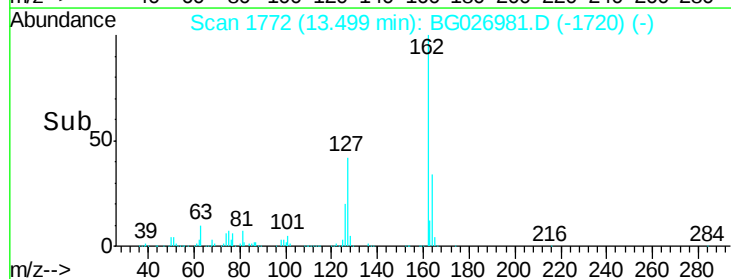
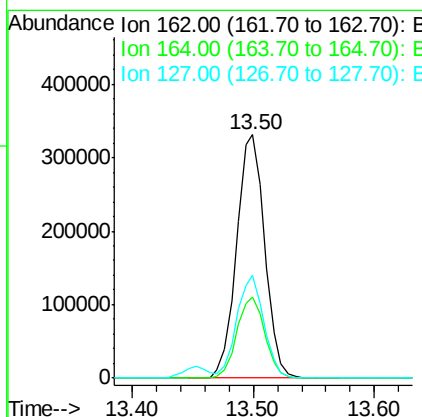
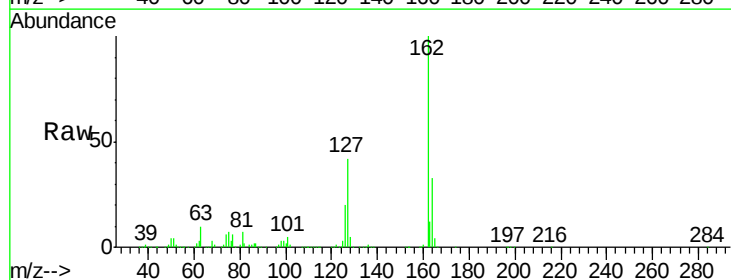
Instrument :
 BNA_G
 ClientSampleId :

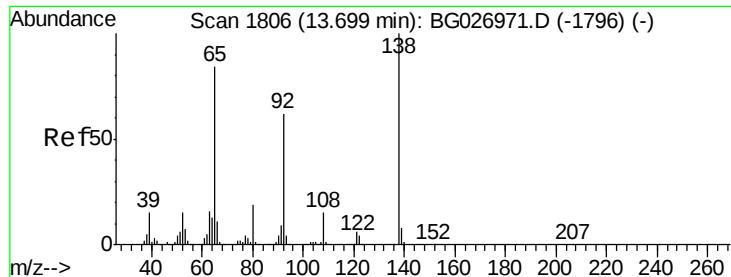
Tot Ion:154	Resp:	707466
Ion	Ratio	Lower Upper
154	100	
153	40.3	32.2 48.2
76	13.8	9.6 14.4



#41
 2-Chloronaphthalene
 Concen: 20.74 ng/ul
 RT: 13.50 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion:162	Resp:	536888
Ion	Ratio	Lower Upper
162	100	
164	33.5	25.0 37.6
127	42.2	30.7 46.1

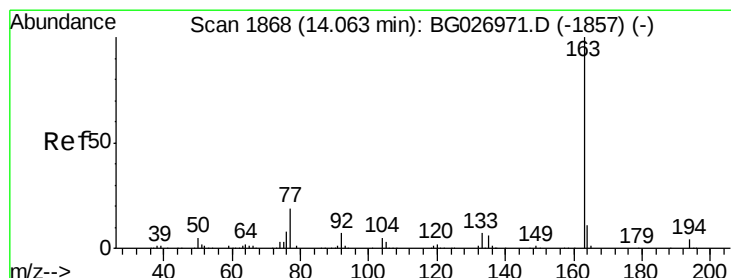
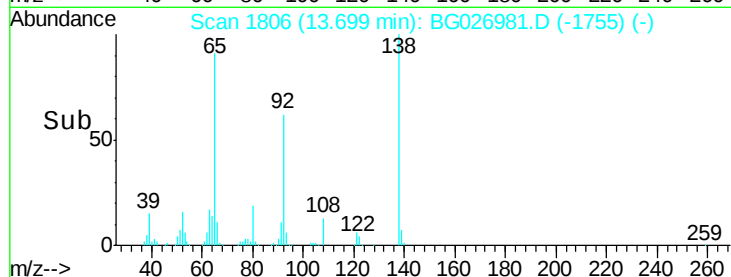
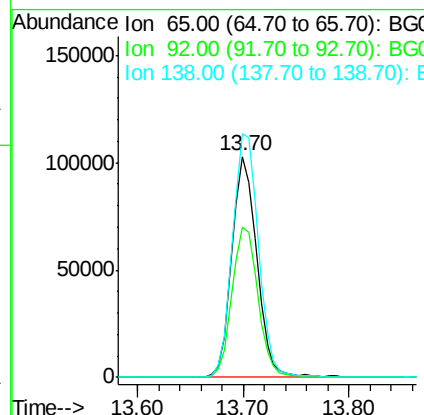
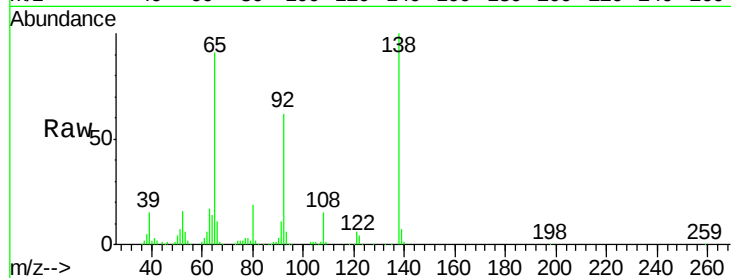




#42
2-Nitroaniline
Concen: 22.78 ng/ul
RT: 13.70 min Scan# 1806
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

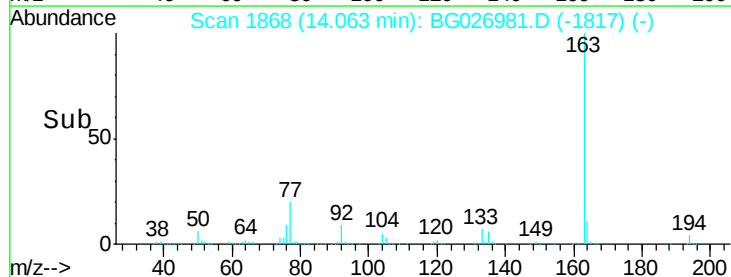
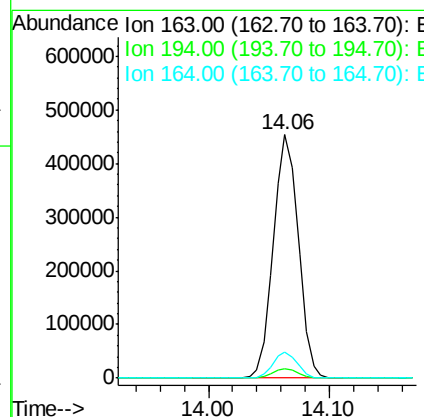
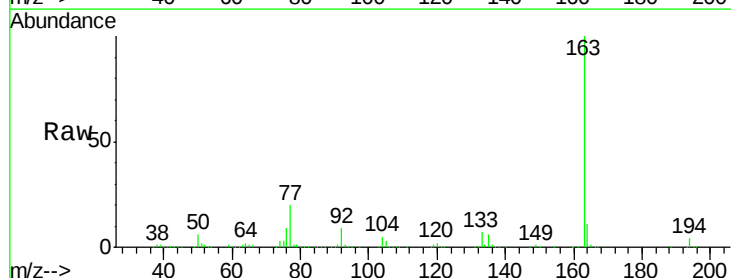
Instrument :
BNA_G
ClientSampled :

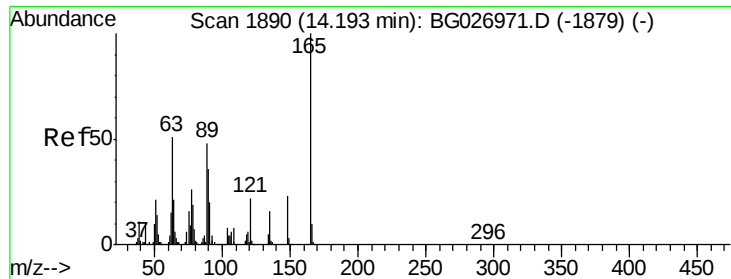
Tot Ion: 65 Resp: 168525
Ion Ratio Lower Upper
65 100
92 67.9 50.9 76.3
138 110.1 61.8 92.6#



#44
Dimethylphthalate
Concen: 20.06 ng/ul
RT: 14.06 min Scan# 1868
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:163 Resp: 647622
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.0
164 10.6 9.0 13.4

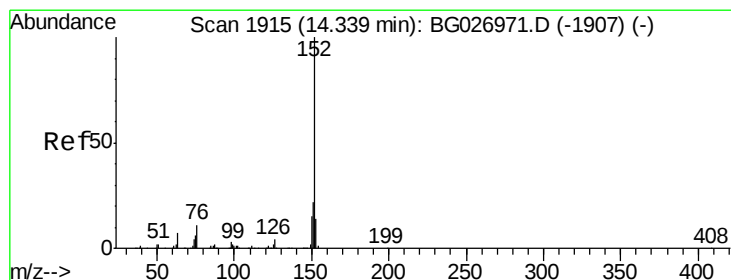
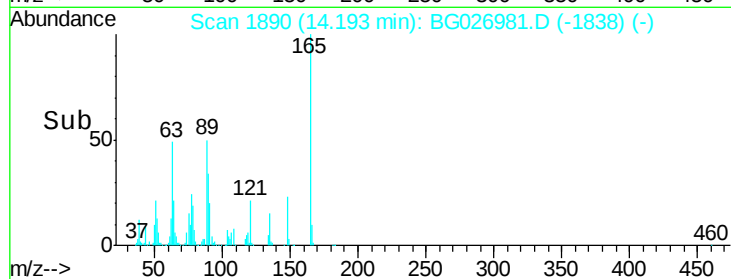
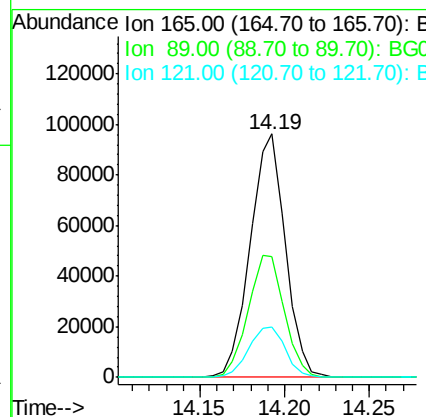
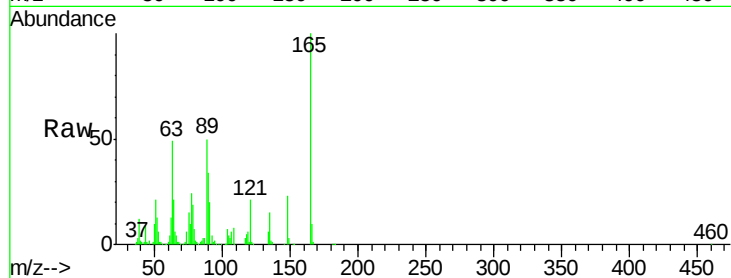




#45
 2,6-Dinitrotoluene
 Concen: 20.44 ng/ul
 RT: 14.19 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

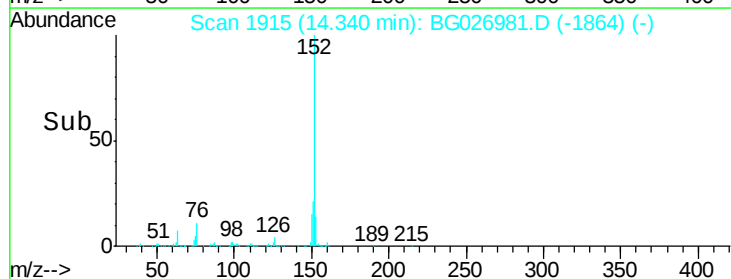
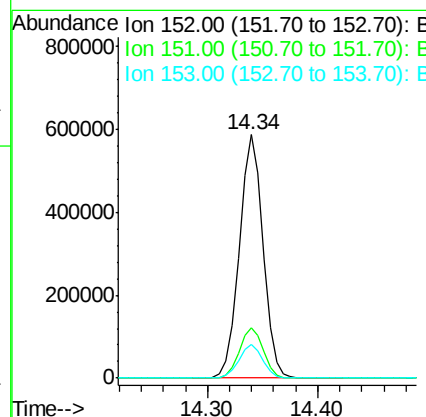
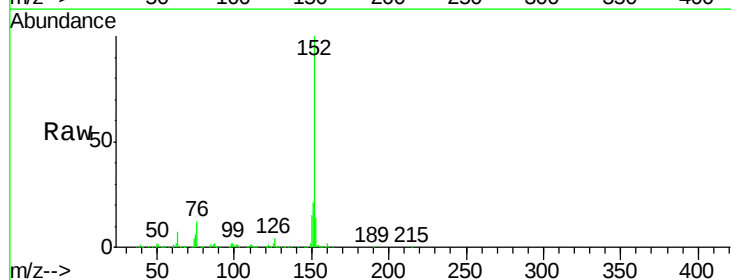
Instrument :
 BNA_G
 ClientSampleId :

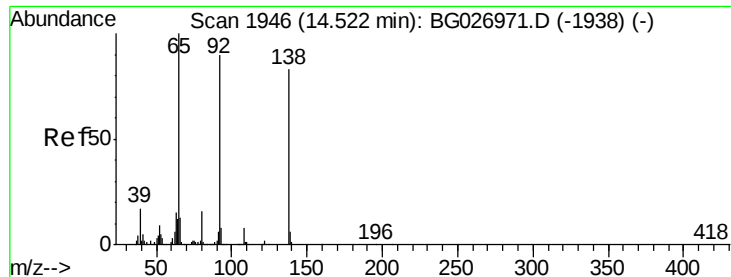
Tot Ion	Ratio	Lower	Upper
165	100		
89	49.8	52.9	79.3#
121	20.9	22.2	33.4#



#47
 Acenaphthylene
 Concen: 20.93 ng/ul
 RT: 14.34 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.7	25.1
153	14.0	11.4	17.2

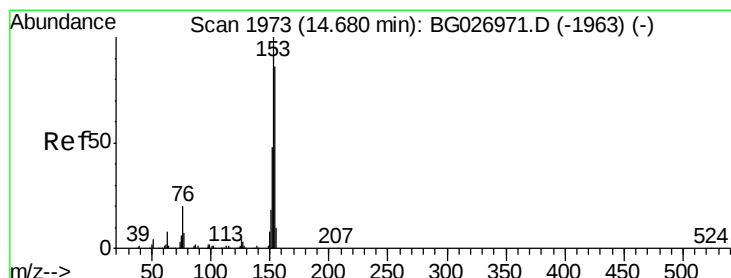
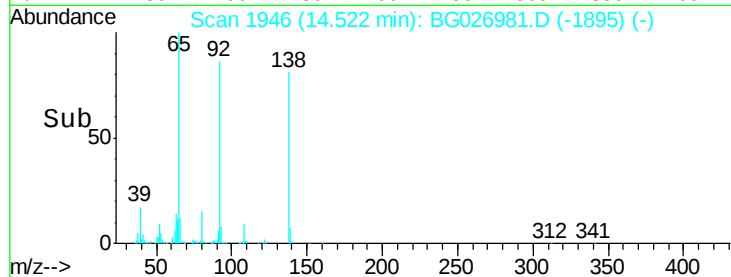
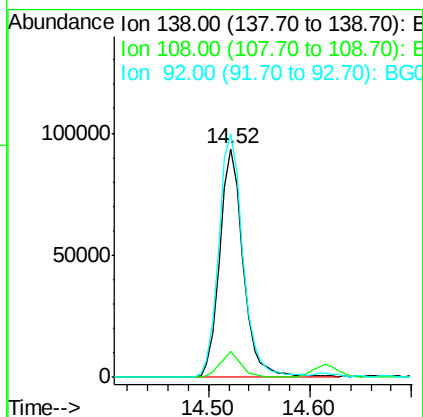
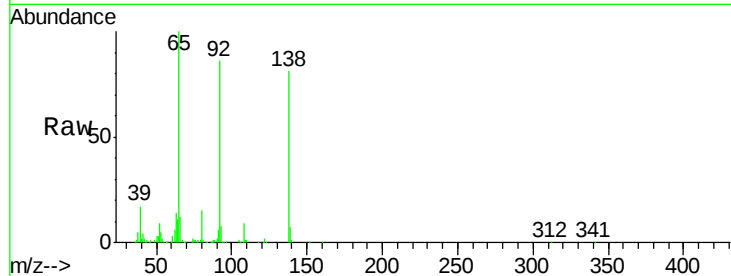




#48
 3-Nitroaniline
 Concen: 21.13 ng/ul
 RT: 14.52 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

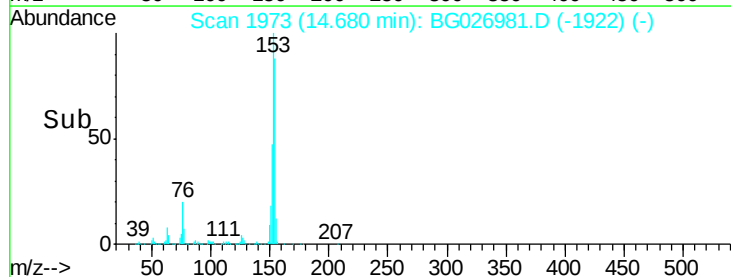
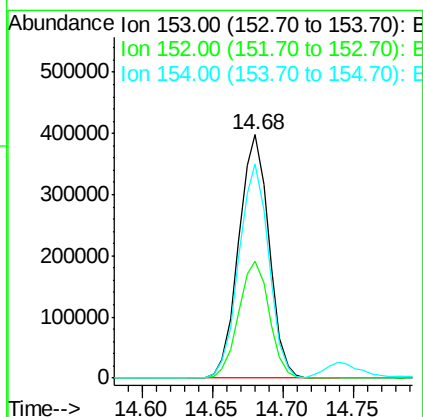
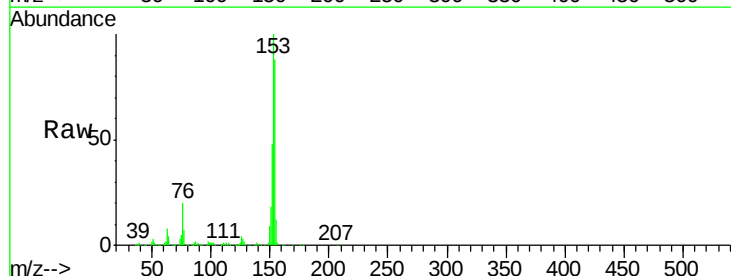
Instrument :
 BNA_G
 ClientSampled :

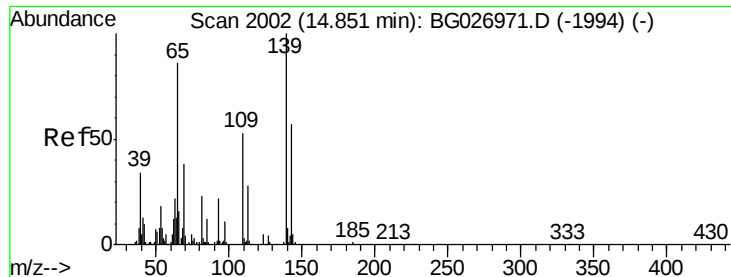
Tot Ion:138 Resp: 151485
 Ion Ratio Lower Upper
 138 100
 108 11.4 6.3 9.5#
 92 106.5 106.4 159.6



#49
 Acenaphthene
 Concen: 20.30 ng/ul
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion:153 Resp: 595782
 Ion Ratio Lower Upper
 153 100
 152 47.8 36.5 54.7
 154 87.9 72.3 108.5

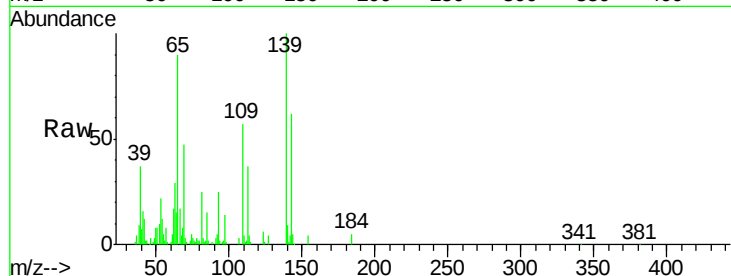




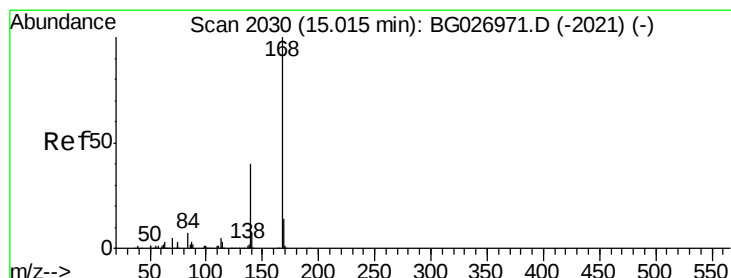
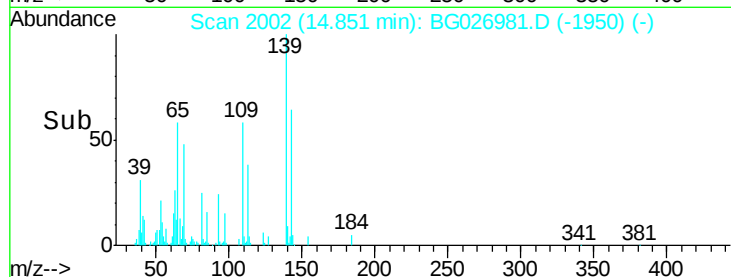
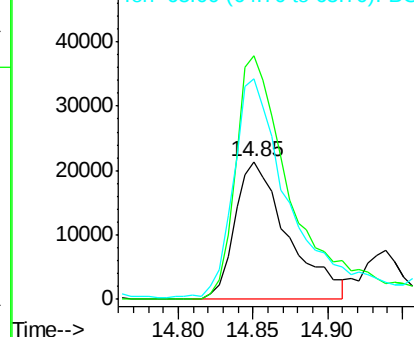
#52
4-Nitrophenol
Concen: 15.15 ng/ul
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:109 Resp: 52806
Ion Ratio Lower Upper
109 100
139 176.5 62.6 93.8#
65 159.6 90.4 135.6#

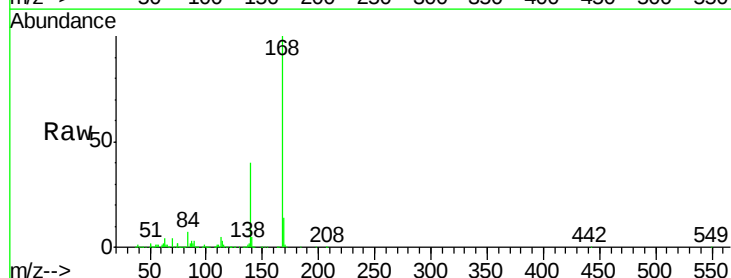


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BGC

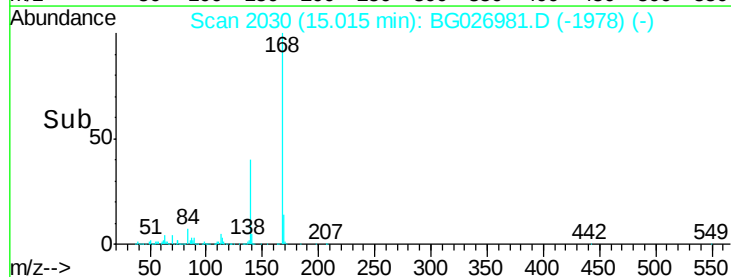
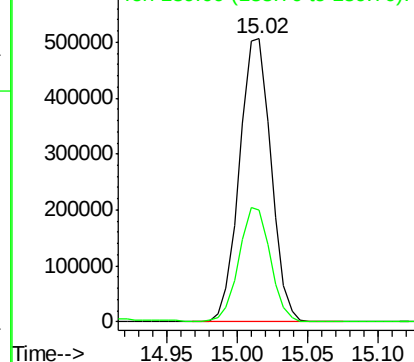


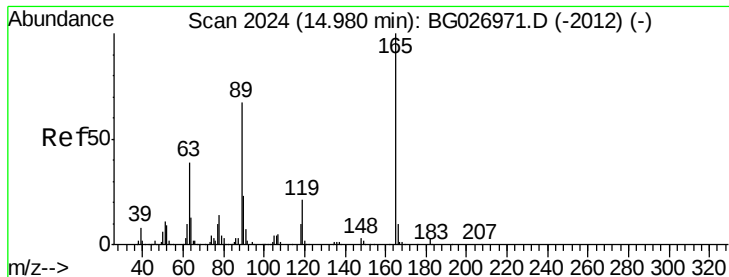
#53
Dibenzofuran
Concen: 20.28 ng/ul
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:168 Resp: 792373
Ion Ratio Lower Upper
168 100
139 39.7 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E

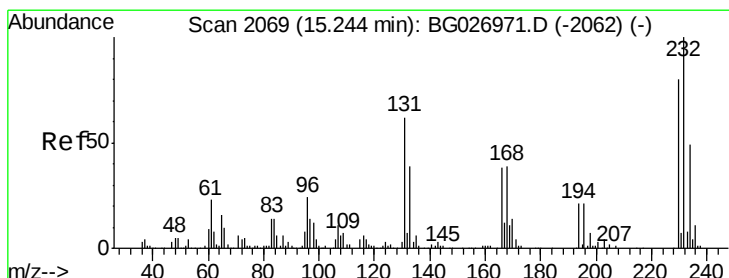
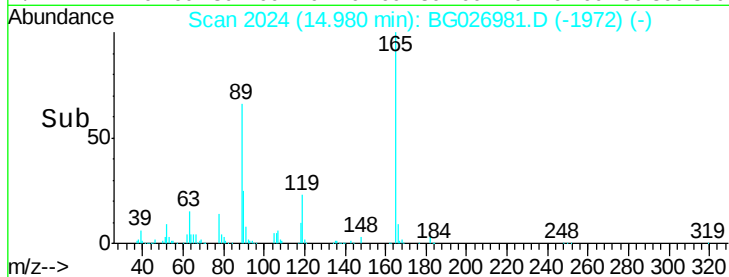
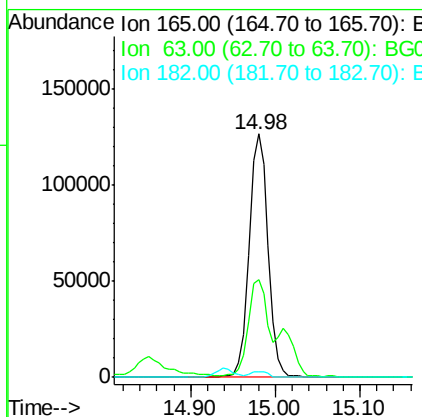
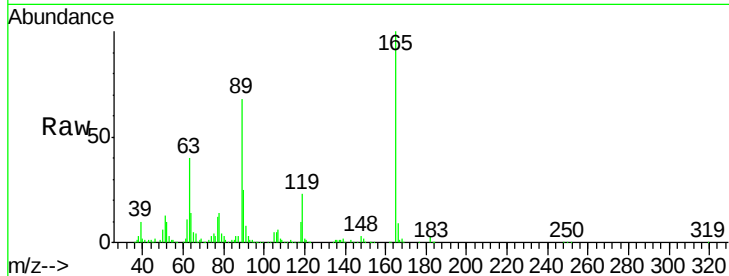




#54
 2,4-Dinitrotoluene
 Concen: 20.33 ng/ul
 RT: 14.98 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

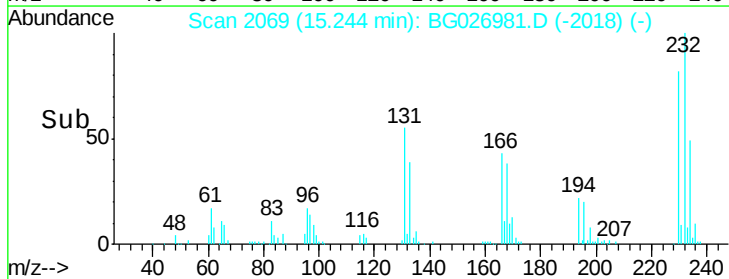
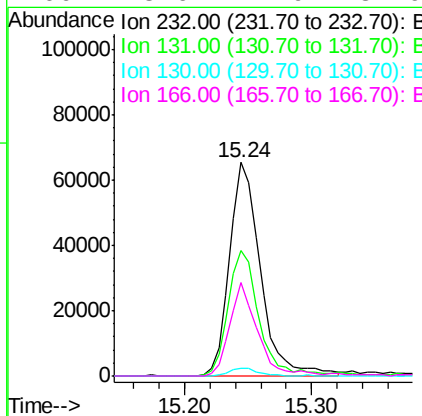
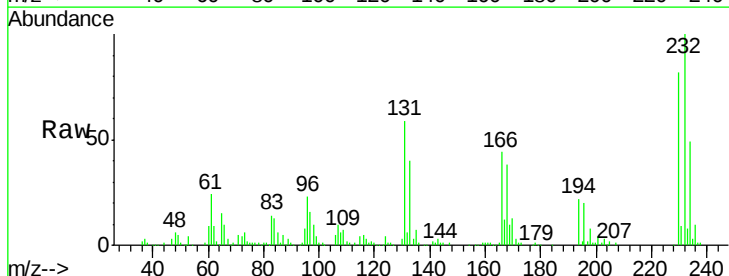
Instrument :
 BNA_G
 ClientSampleId :

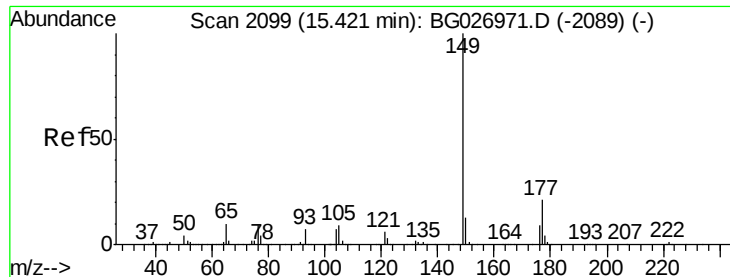
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	46.8	70.2#
182	2.5	1.8	2.6



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.29 ng/ul
 RT: 15.24 min Scan# 2069
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.8	33.3	49.9#
130	3.3	1.8	2.6#
166	43.6	21.9	32.9#

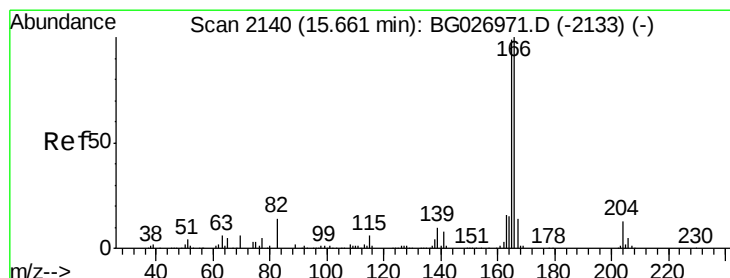
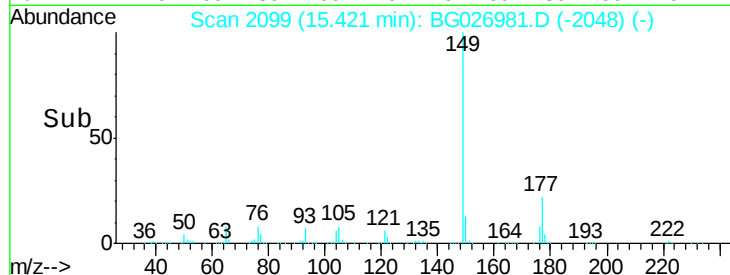
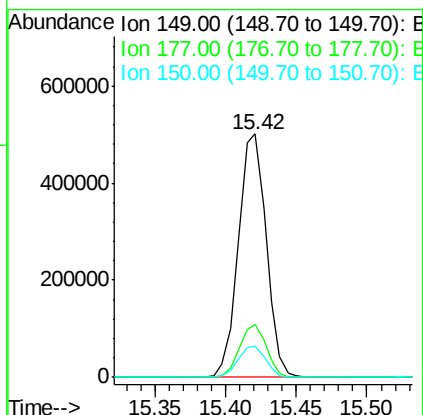
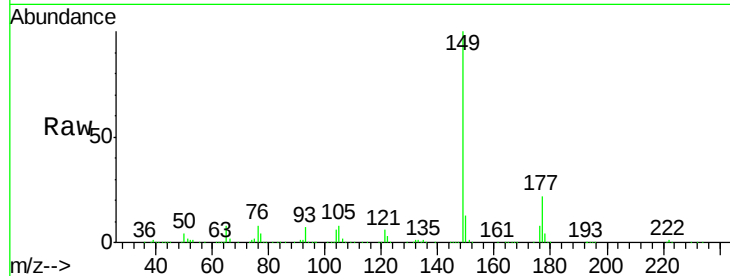




#56
Diethylphthalate
Concen: 20.43 ng/ul
RT: 15.42 min Scan# 2099
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

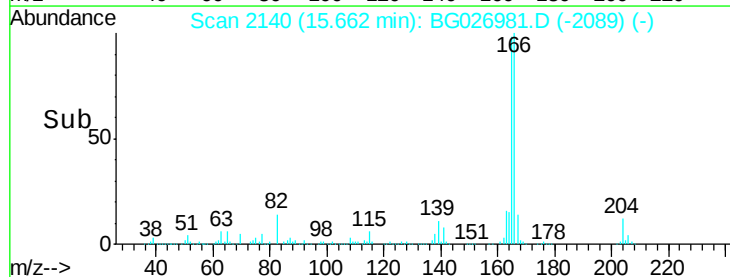
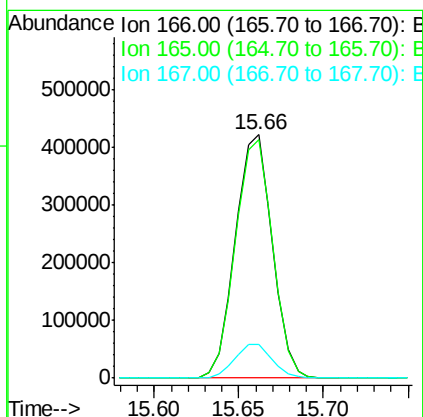
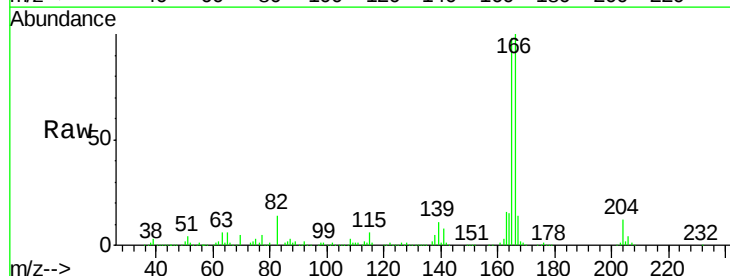
Instrument :
BNA_G
ClientSampleId :

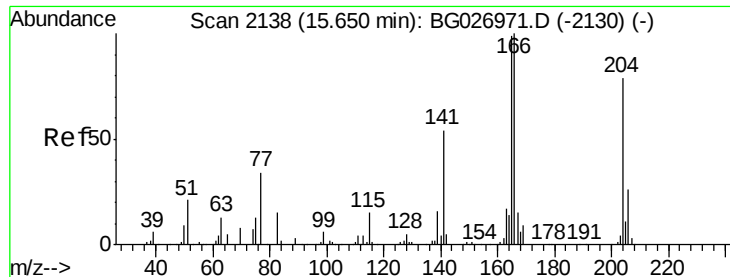
Tot Ion:149 Resp: 690161
Ion Ratio Lower Upper
149 100
177 21.8 17.8 26.8
150 12.9 10.2 15.4



#58
Fluorene
Concen: 20.15 ng/ul
RT: 15.66 min Scan# 2140
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:166 Resp: 642404
Ion Ratio Lower Upper
166 100
165 97.8 79.7 119.5
167 13.6 11.4 17.2

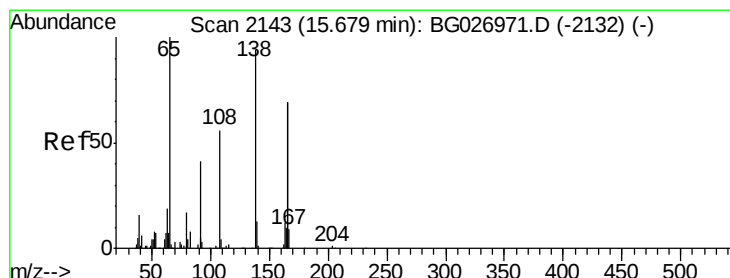
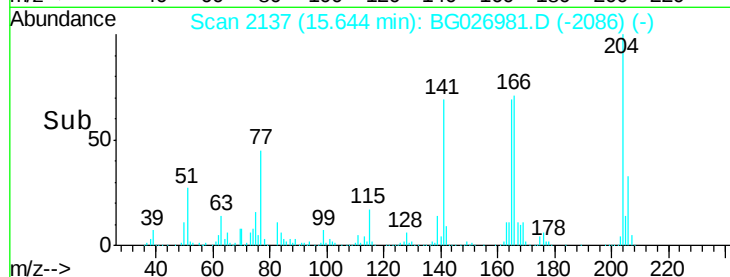
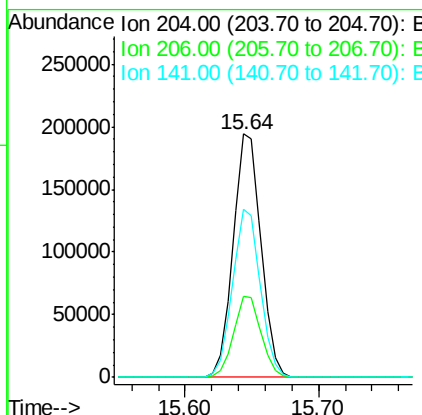
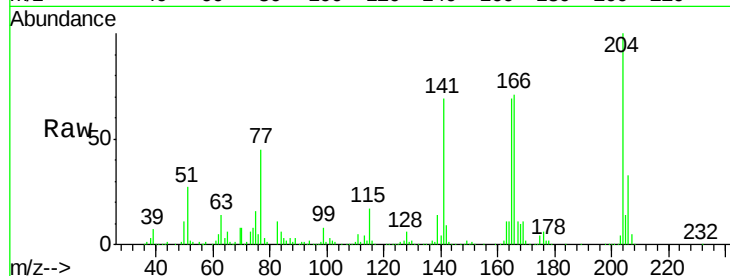




#59
4-Chlorophenyl-phenylether
Concen: 20.26 ng/ul
RT: 15.64 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

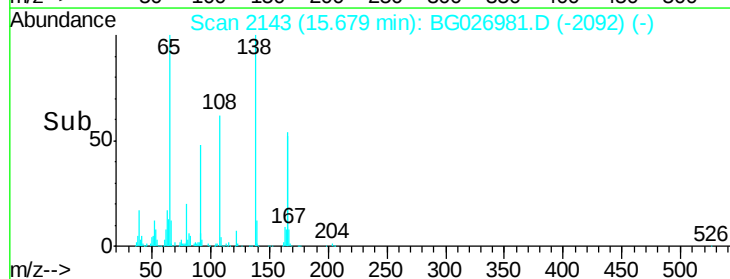
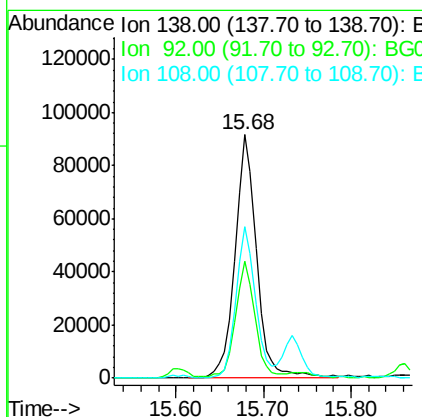
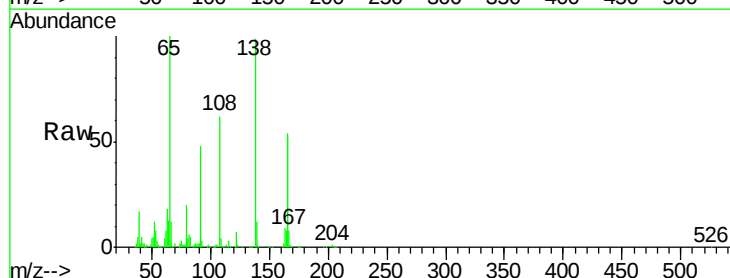
Instrument :
BNA_G
ClientSampled :

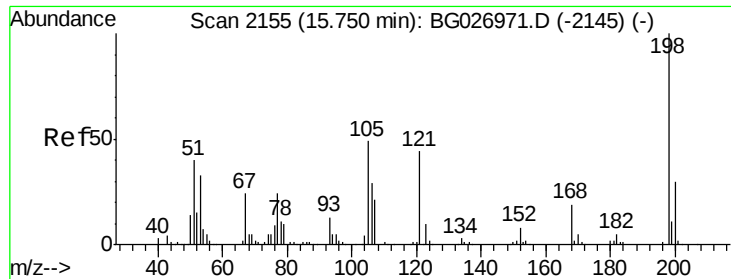
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	32.3	48.5
141	68.8	57.5	86.3



#60
4-Nitroaniline
Concen: 19.46 ng/ul
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	56.9	85.3#
108	62.3	104.9	157.3#

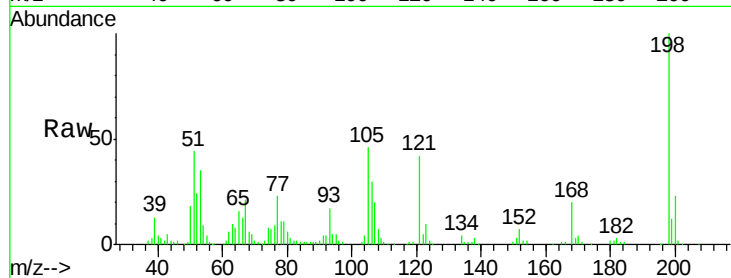




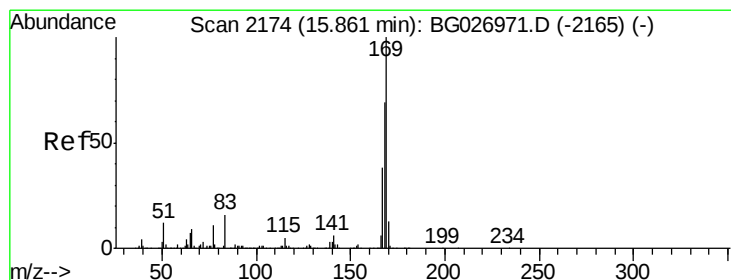
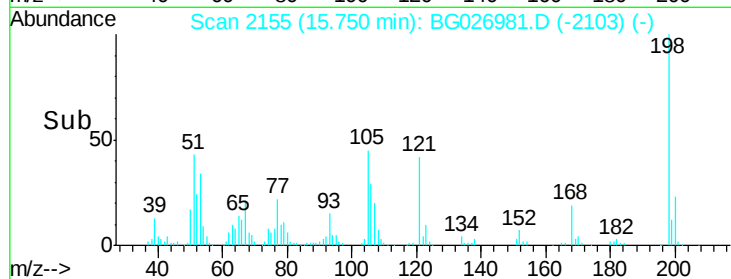
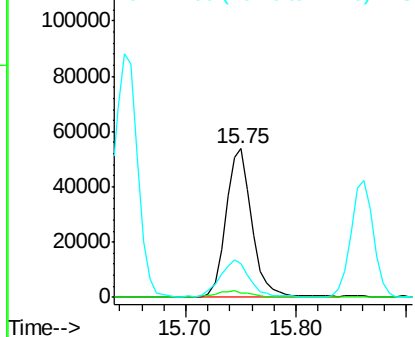
#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.02 ng/ul
 RT: 15.75 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 88827
 Ion Ratio Lower Upper
 198 100
 182 2.9 5.8 6.4#
 77 22.7 22.1 33.9

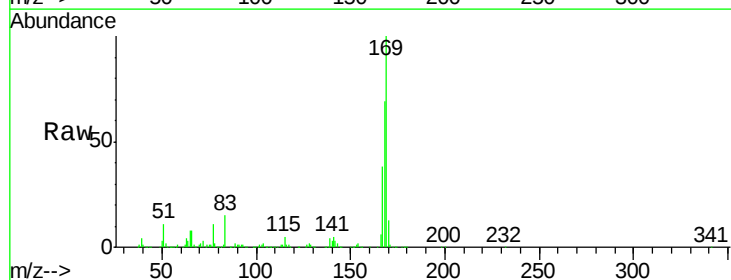


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

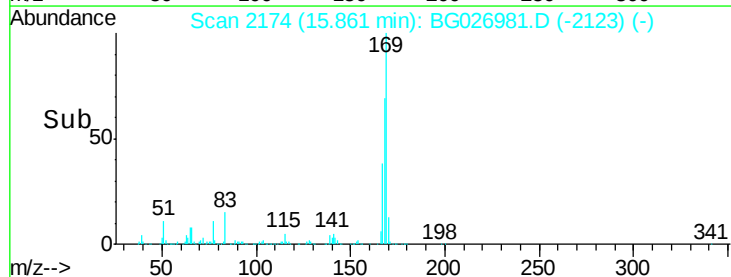
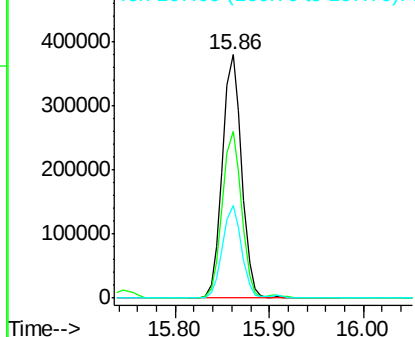


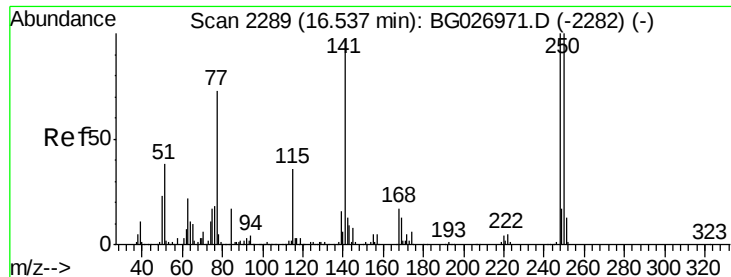
#64
 N-Nitrosodiphenylamine
 Concen: 21.27 ng/ul
 RT: 15.86 min Scan# 2174
 Delta R.T. -0.00 min
 Lab File: BG026981.D
 Acq: 16 May 2017 16:50

Tgt Ion:169 Resp: 544825
 Ion Ratio Lower Upper
 169 100
 168 68.6 59.1 88.7
 167 37.8 29.7 44.5



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

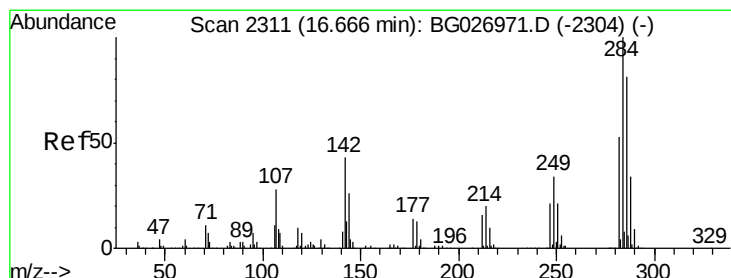
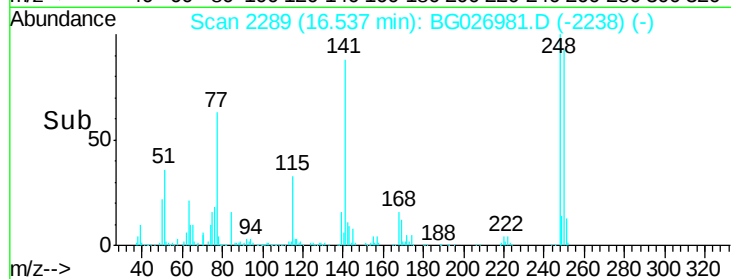
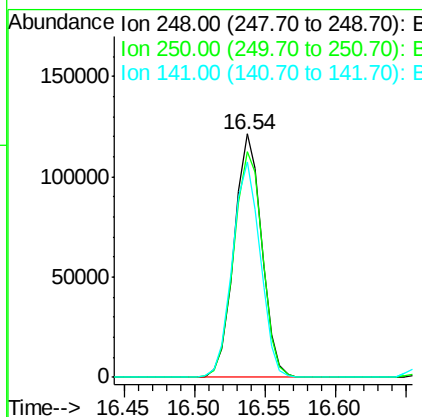
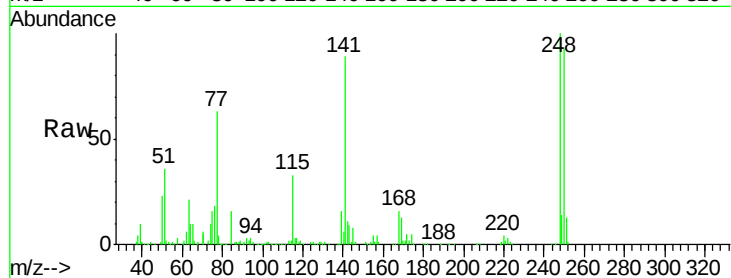




#65
4-Bromophenyl-phenylether
Concen: 21.22 ng/ul
RT: 16.54 min Scan# 2289
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

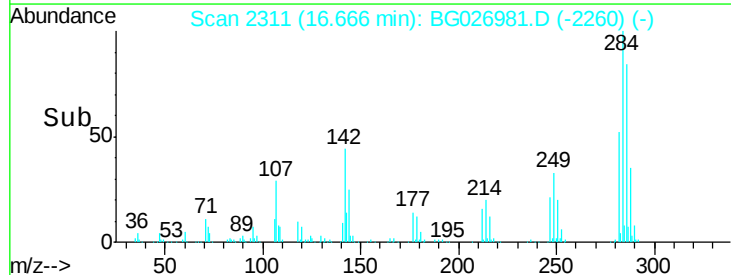
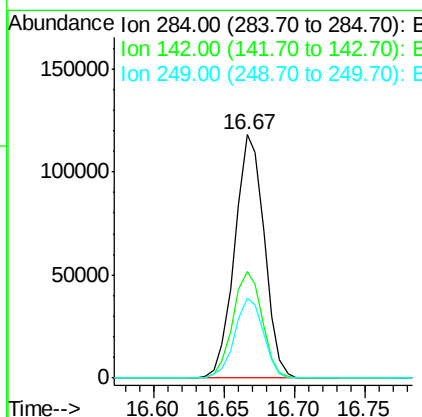
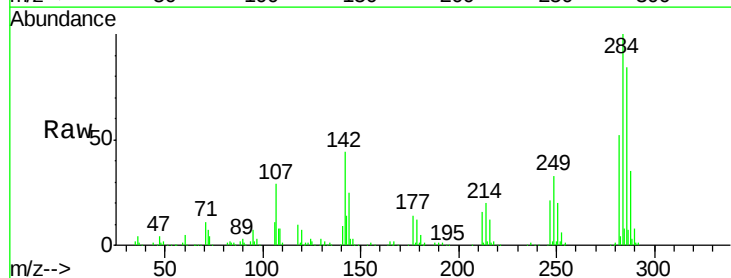
Instrument :
BNA_G
ClientSampleId :

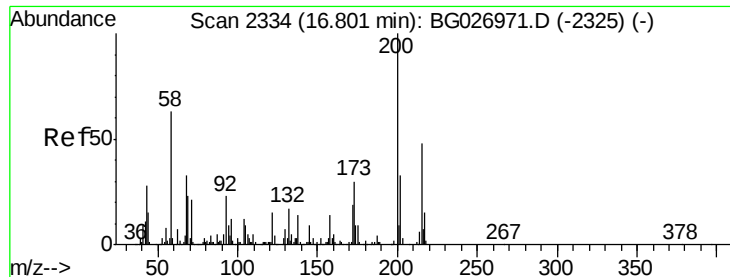
Tot Ion:248 Resp: 165019
Ion Ratio Lower Upper
248 100
250 92.7 71.9 107.9
141 88.5 53.8 80.8#



#66
Hexachlorobenzene
Concen: 20.51 ng/ul
RT: 16.67 min Scan# 2311
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:284 Resp: 171810
Ion Ratio Lower Upper
284 100
142 44.0 26.1 39.1#
249 33.0 25.9 38.9





#67

Atrazine

Concen: 21.14 ng/ul

RT: 16.80 min Scan# 2334

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

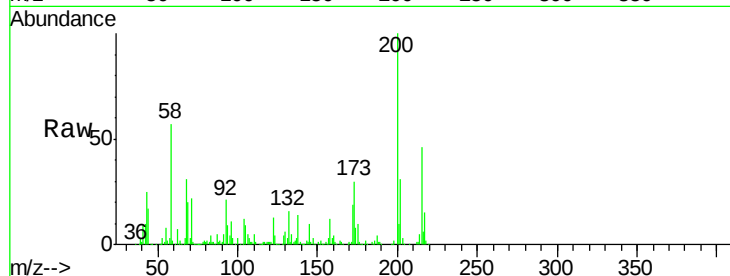
Tot Ion:200 Resp: 169249

Ion Ratio Lower Upper

200 100

173 29.7 19.2 28.8#

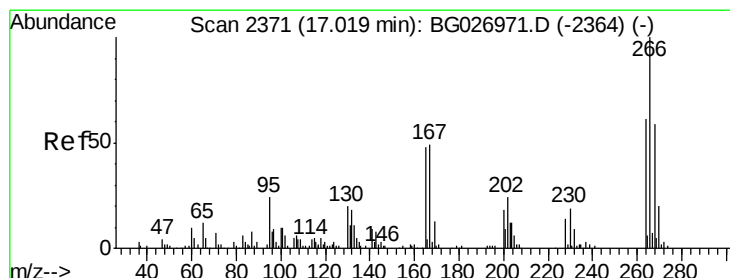
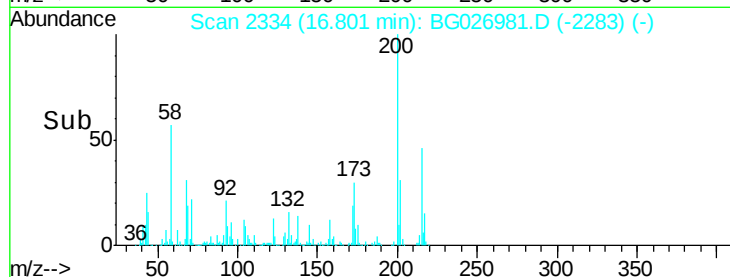
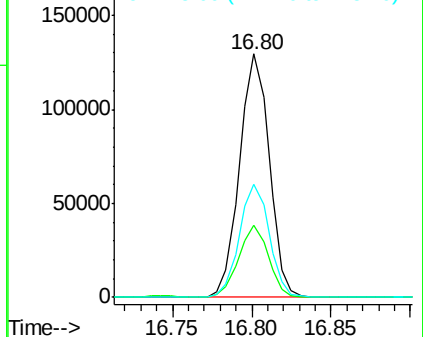
215 46.3 40.3 60.5



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 15.38 ng/ul

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

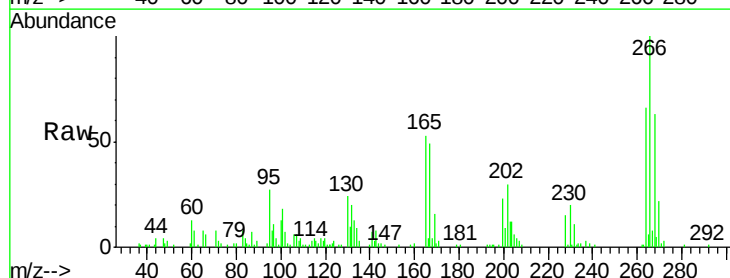
Tgt Ion:266 Resp: 58839

Ion Ratio Lower Upper

266 100

264 65.6 47.1 70.7

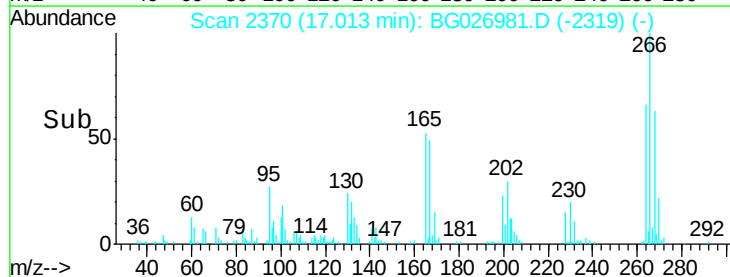
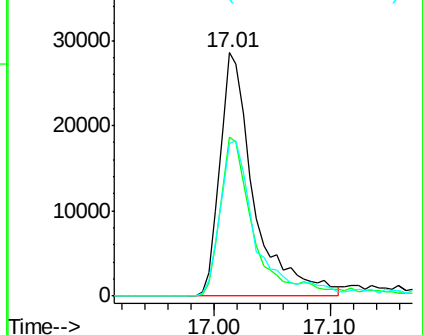
268 62.6 56.2 84.4

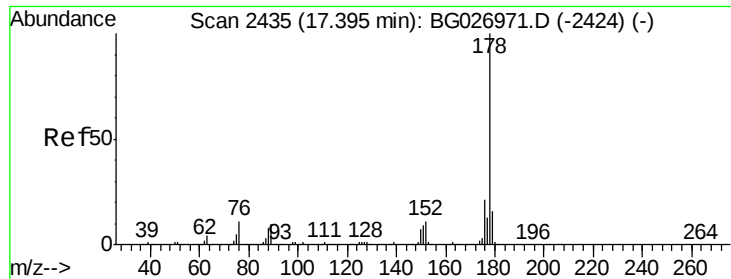


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.56 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

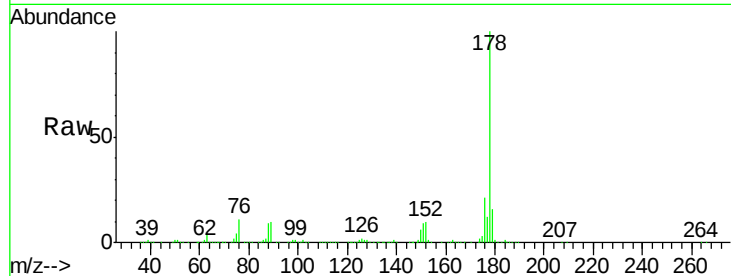
Tot Ion:178 Resp: 902649

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

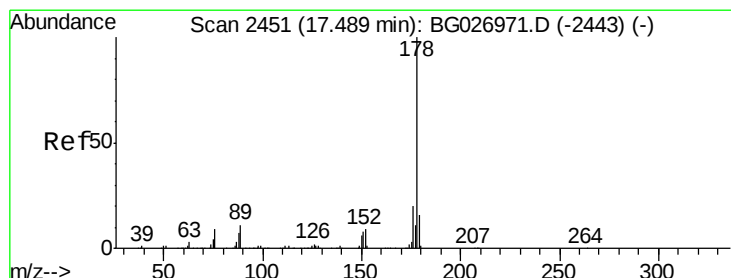
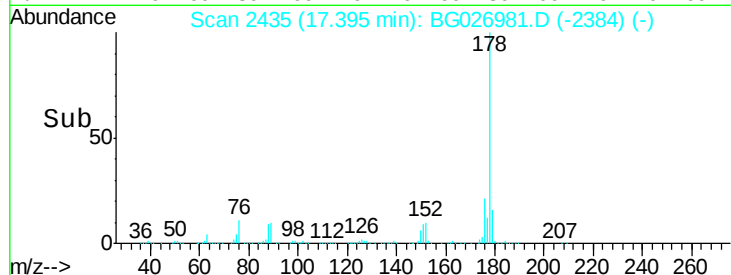
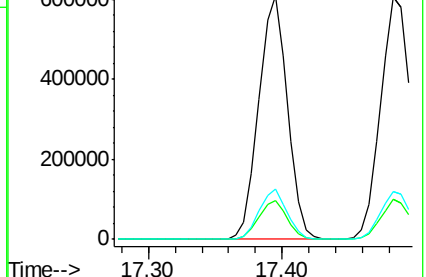
176 20.7 16.5 24.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.81 ng/ul

RT: 17.48 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

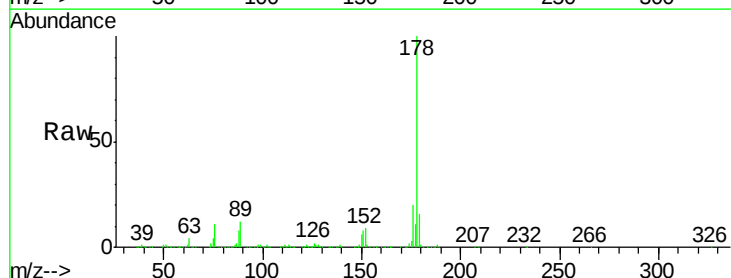
Tgt Ion:178 Resp: 937266

Ion Ratio Lower Upper

178 100

179 16.5 12.6 19.0

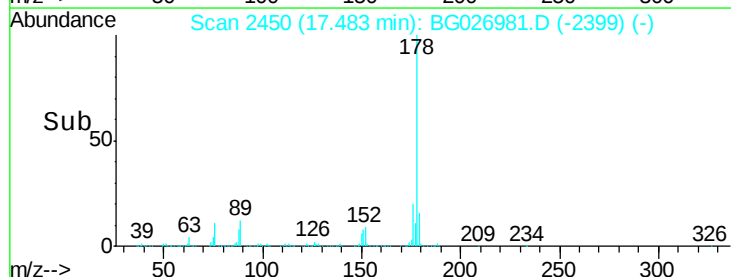
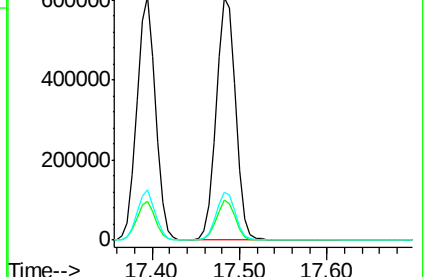
176 19.6 15.9 23.9

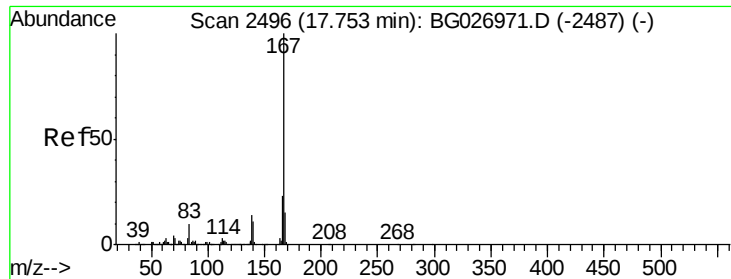


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 22.48 ng/ul

RT: 17.75 min Scan# 2496

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

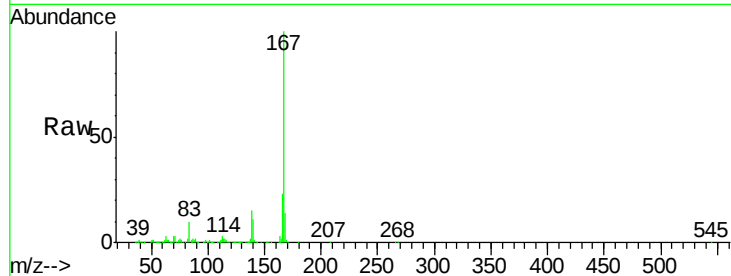
Tot Ion:167 Resp: 856174

Ion Ratio Lower Upper

167 100

166 23.2 17.9 26.9

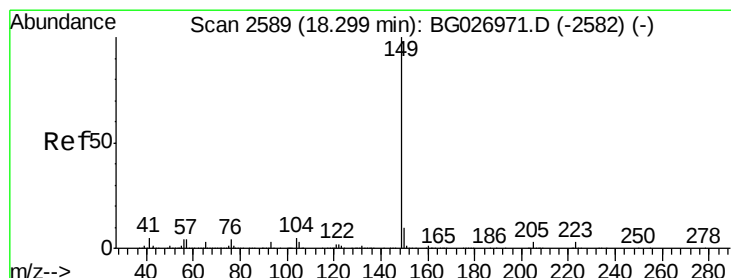
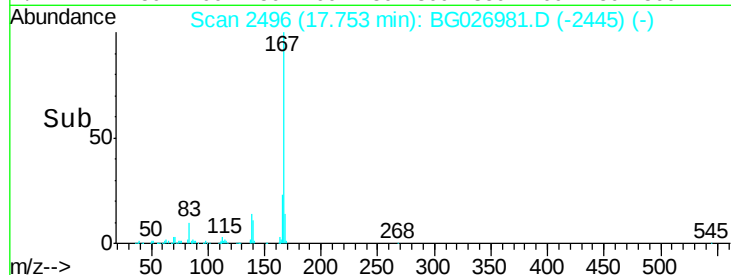
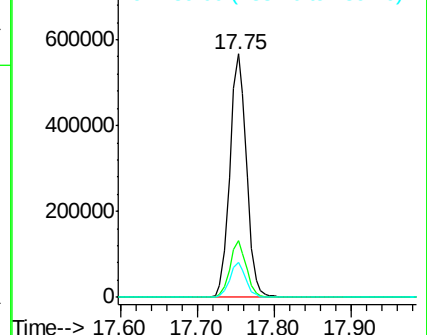
139 14.5 10.5 15.7



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: 21.90 ng/ul

RT: 18.30 min Scan# 2589

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

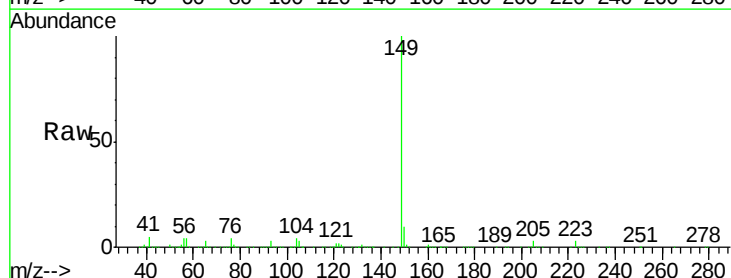
Tgt Ion:149 Resp: 1085337

Ion Ratio Lower Upper

149 100

150 10.0 7.9 11.9

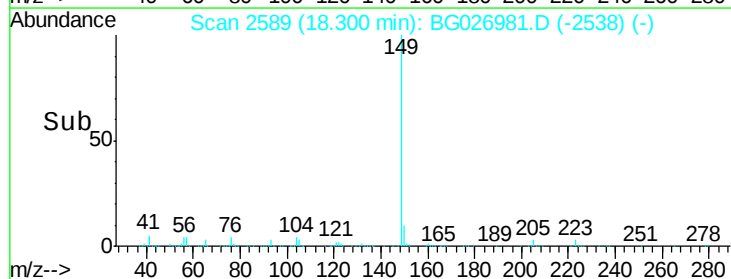
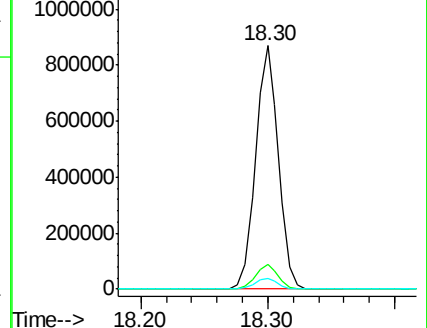
104 4.5 5.8 8.8#

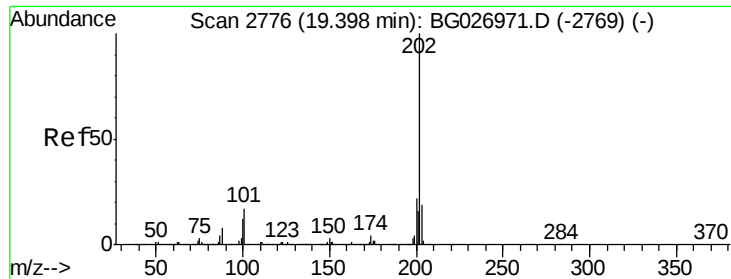


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 22.66 ng/ul

RT: 19.40 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

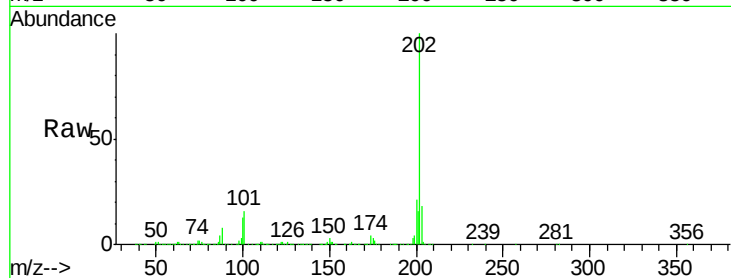
Tot Ion:202 Resp: 923625

Ion Ratio Lower Upper

202 100

101 15.6 6.2 9.2#

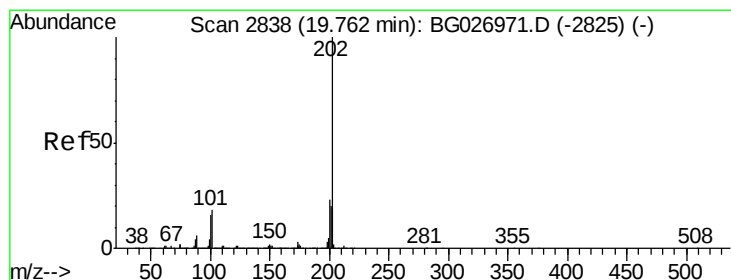
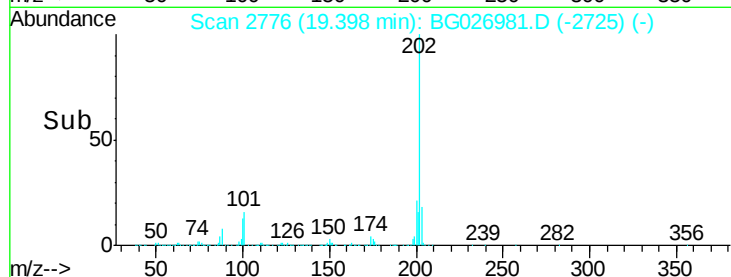
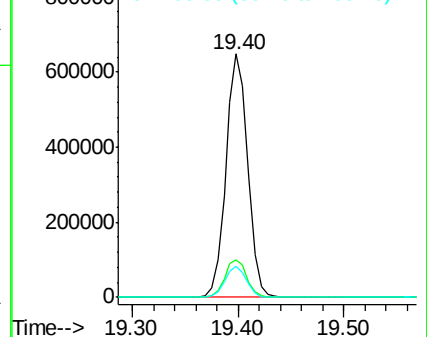
100 12.9 5.2 7.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.17 ng/ul

RT: 19.76 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

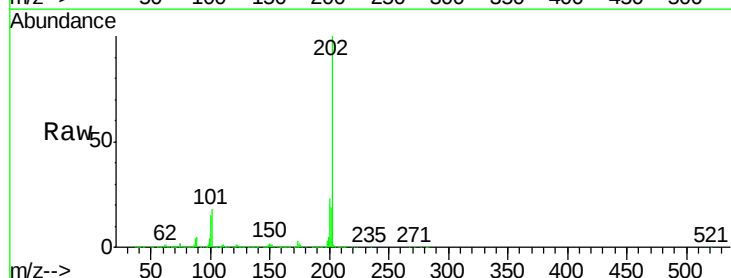
Tgt Ion:202 Resp: 949278

Ion Ratio Lower Upper

202 100

101 17.8 6.9 10.3#

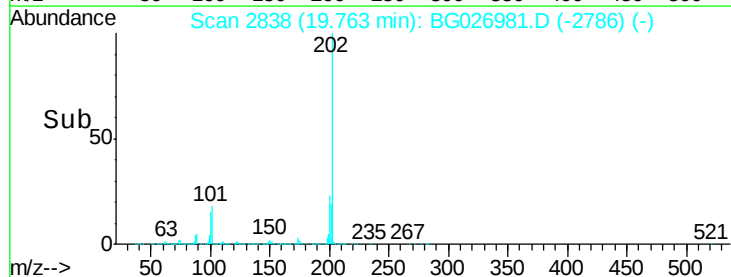
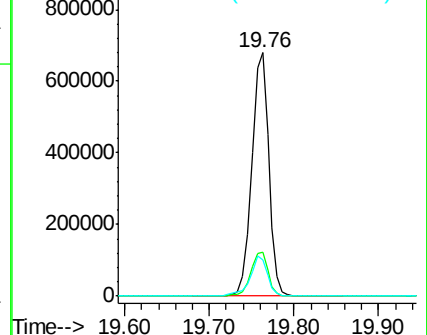
100 14.7 6.6 10.0#

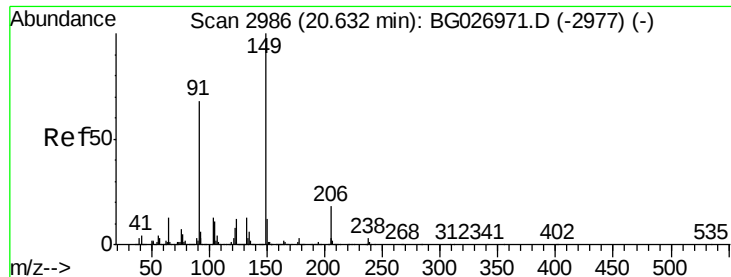


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

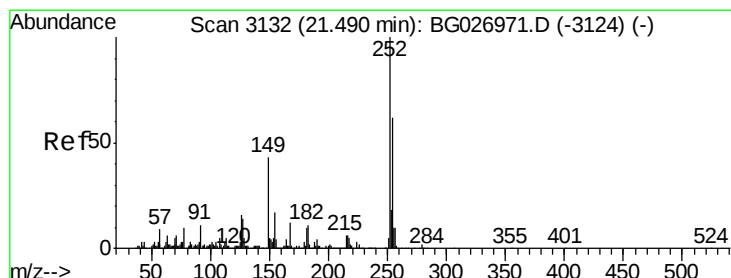
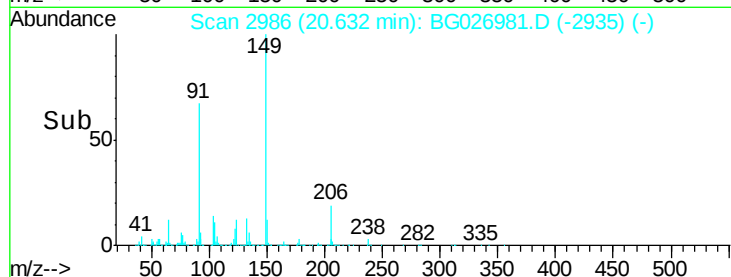
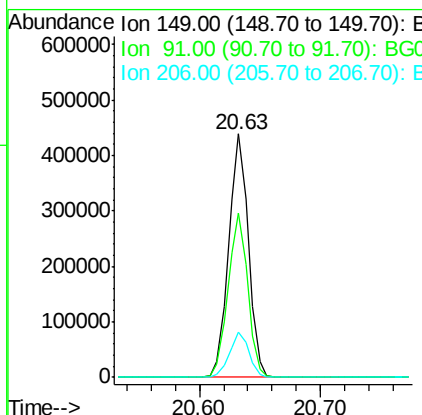
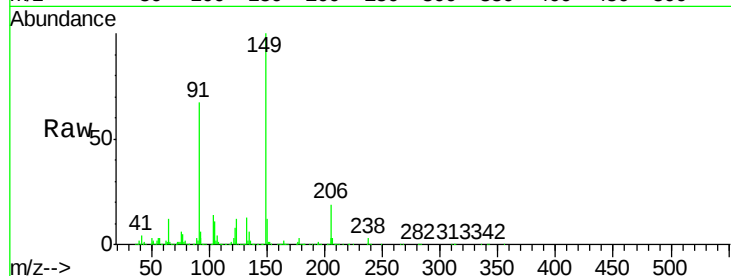




#78
Butylbenzylphthalate
Concen: 22.65 ng/ul
RT: 20.63 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

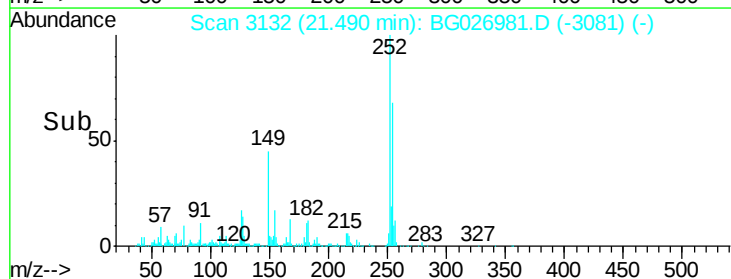
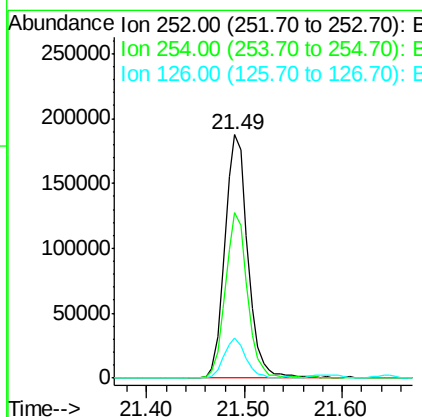
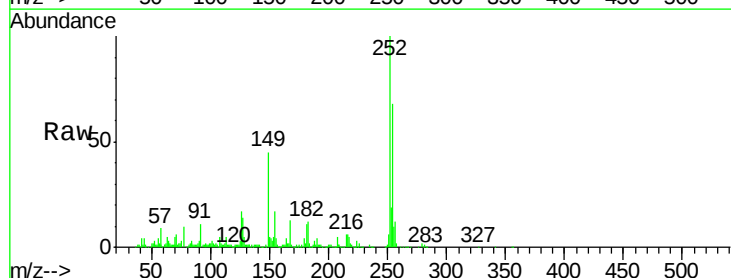
Instrument :
BNA_G
ClientSampled :

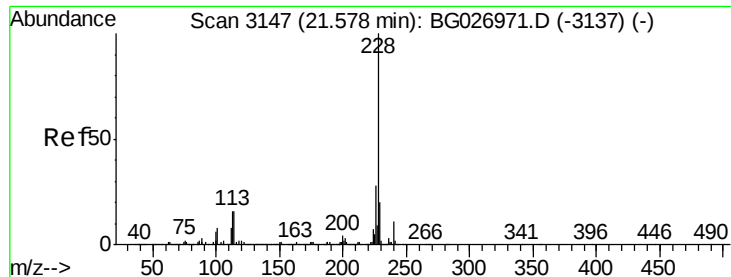
Tot Ion	Ratio	Lower	Upper
149	100		
91	67.4	65.8	98.6
206	18.6	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 22.69 ng/ul
RT: 21.49 min Scan# 3132
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion	Ratio	Lower	Upper
252	100		
254	68.1	49.0	73.6
126	16.7	5.1	7.7





#80

Benzo(a)anthracene

Concen: 21.00 ng/ul

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

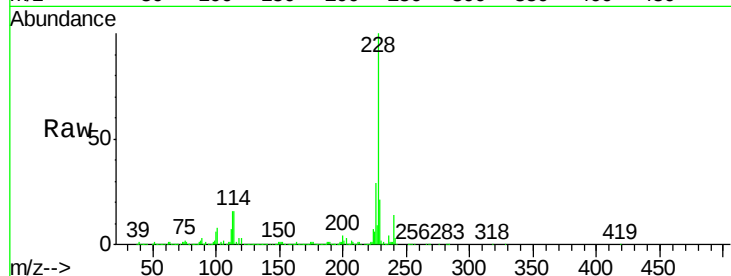
Tot Ion:228 Resp: 861585

Ion Ratio Lower Upper

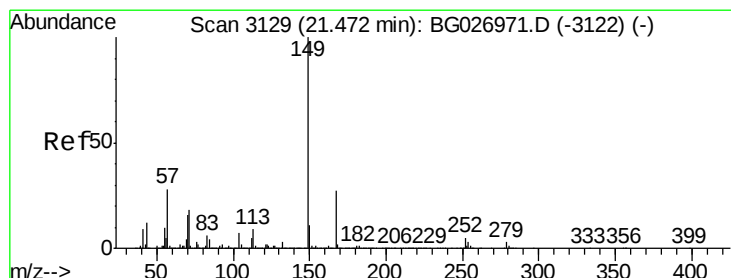
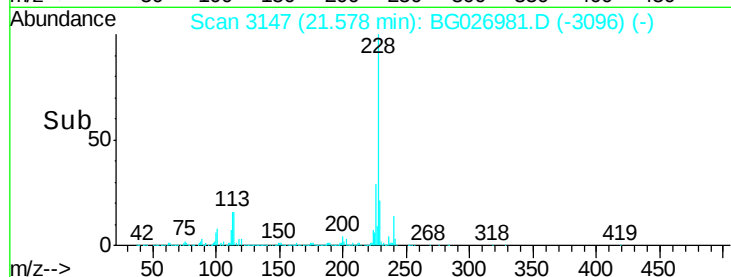
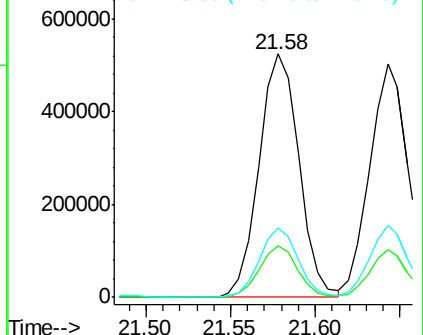
228 100

229 21.5 16.3 24.5

226 28.6 21.9 32.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.85 ng/ul

RT: 21.47 min Scan# 3129

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

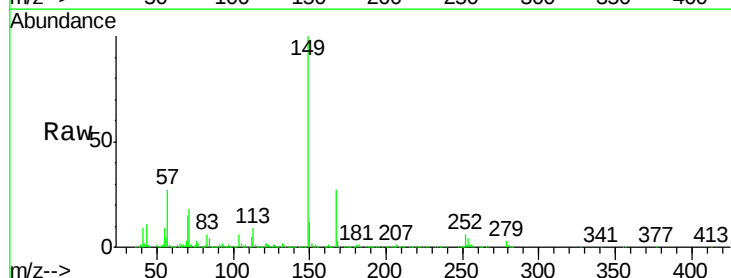
Tgt Ion:149 Resp: 712636

Ion Ratio Lower Upper

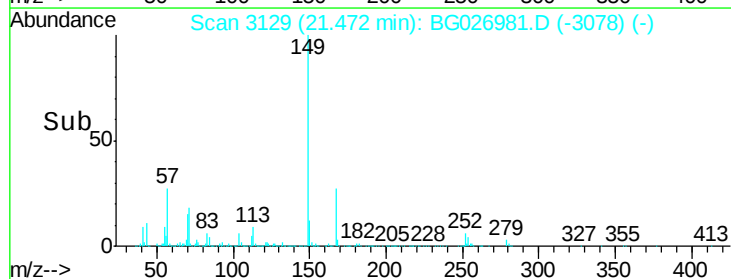
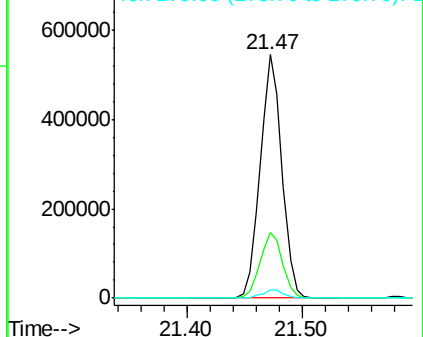
149 100

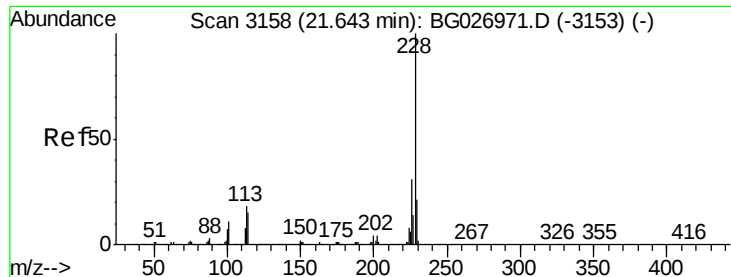
167 26.9 21.8 32.8

279 3.5 4.5 6.7#



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





#82

Chrysene

Concen: 20.91 ng/ul

RT: 21.64 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

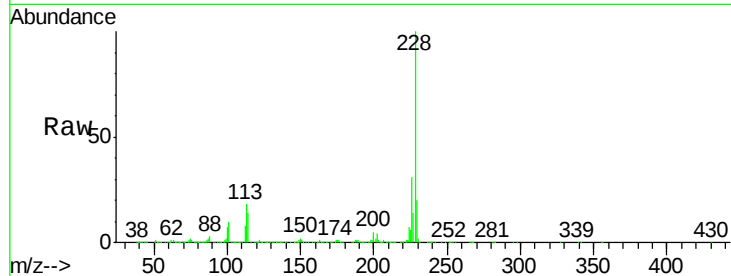
Tot Ion:228 Resp: 796755

Ion Ratio Lower Upper

228 100

226 31.2 24.0 36.0

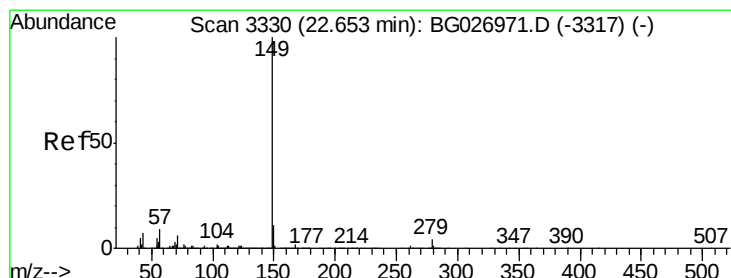
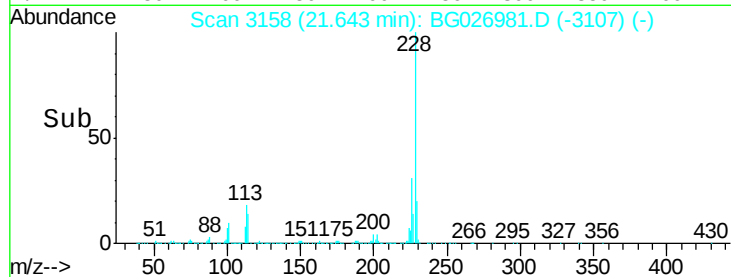
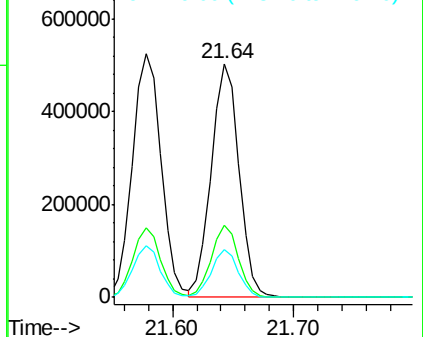
229 20.2 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 25.35 ng/ul

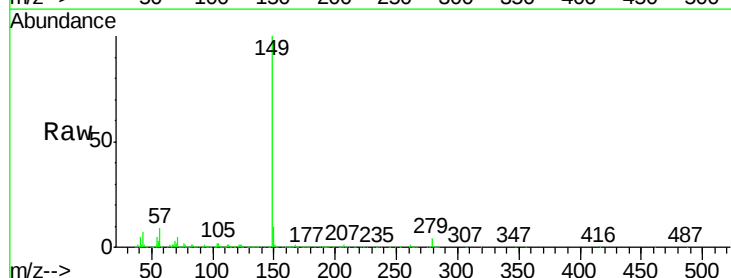
RT: 22.65 min Scan# 3330

Delta R.T. -0.00 min

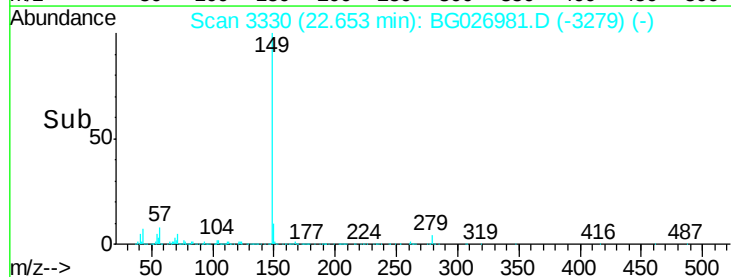
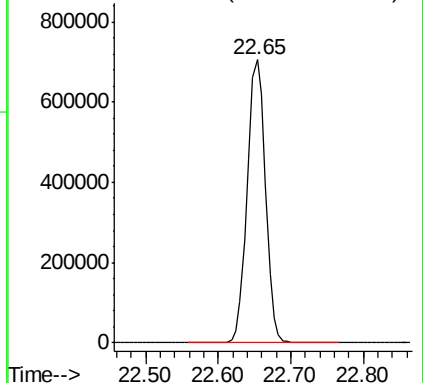
Lab File: BG026981.D

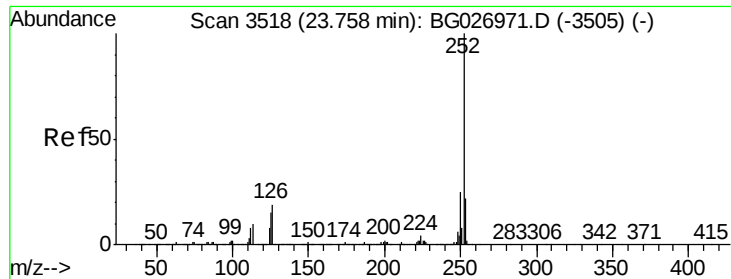
Acq: 16 May 2017 16:50

Tgt Ion:149 Resp: 1236564



Abundance Ion 149.00 (148.70 to 149.70): E

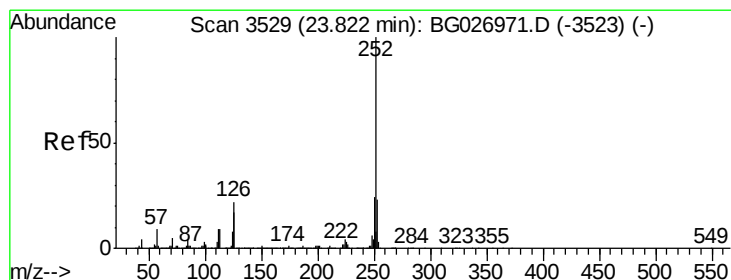
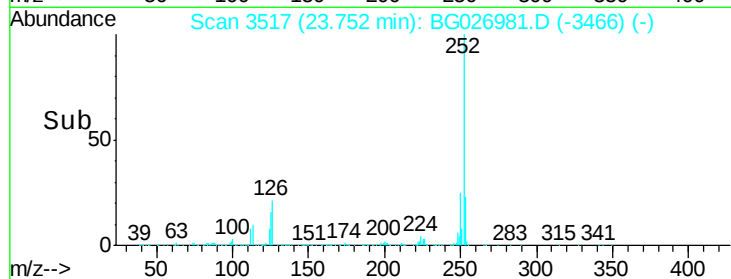
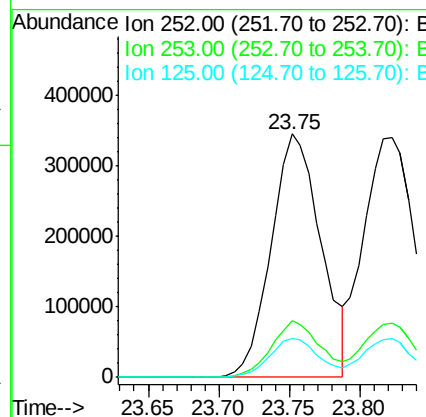
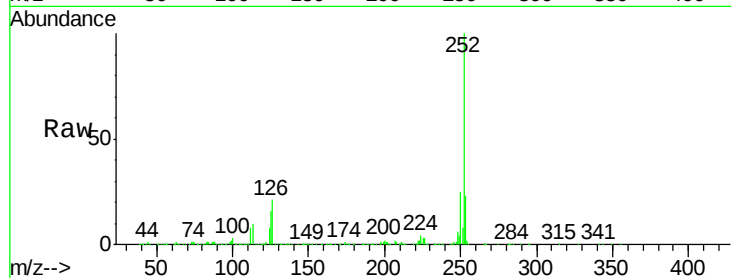




#85
Benzo(b)fluoranthene
Concen: 20.89 ng/ul
RT: 23.75 min Scan# 3517
Delta R.T. -0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

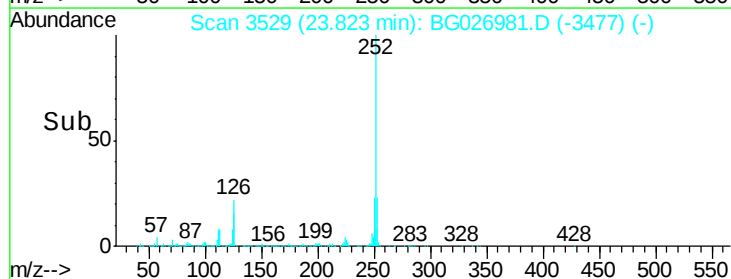
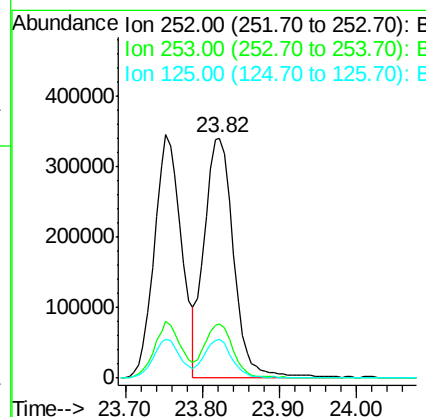
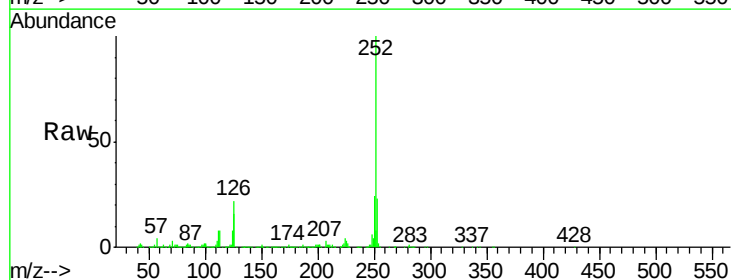
Instrument :
BNA_G
ClientSampleId :

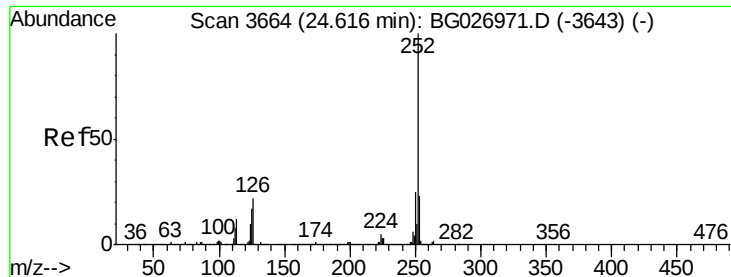
Tot Ion:252 Resp: 847620
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 16.2 4.0 6.0#



#86
Benzo(k)fluoranthene
Concen: 22.43 ng/ul
RT: 23.82 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:252 Resp: 894156
Ion Ratio Lower Upper
252 100
253 22.5 18.5 27.7
125 15.9 4.1 6.1#





#88

Benzo(a)pyrene

Concen: 21.42 ng/ul

RT: 24.62 min Scan# 3664

Delta R.T. 0.00 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

Instrument :

BNA_G

ClientSampleId :

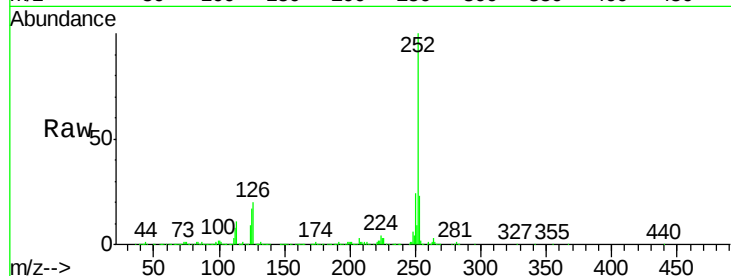
Tot Ion:252 Resp: 855065

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

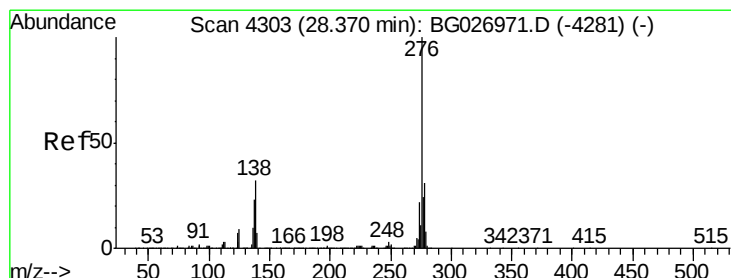
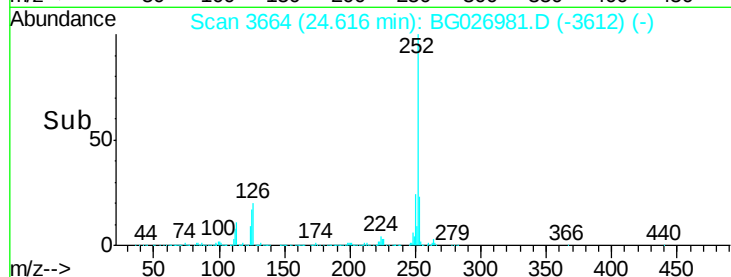
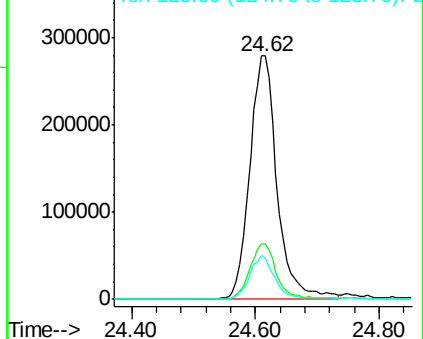
125 17.2 5.4 8.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.07 ng/ul

RT: 28.36 min Scan# 4302

Delta R.T. -0.01 min

Lab File: BG026981.D

Acq: 16 May 2017 16:50

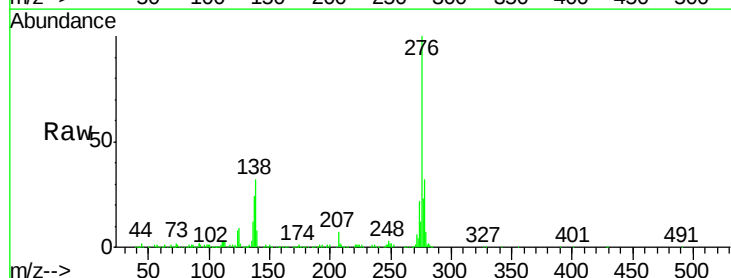
Tgt Ion:276 Resp: 855410

Ion Ratio Lower Upper

276 100

138 32.4 8.2 12.4#

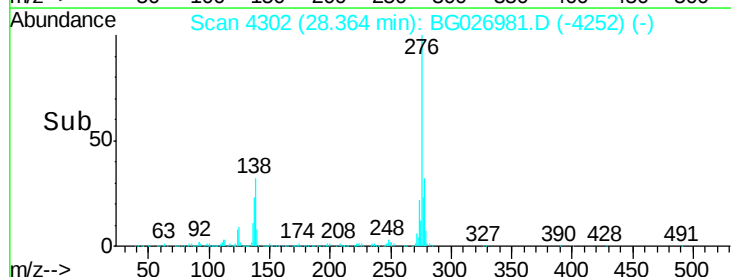
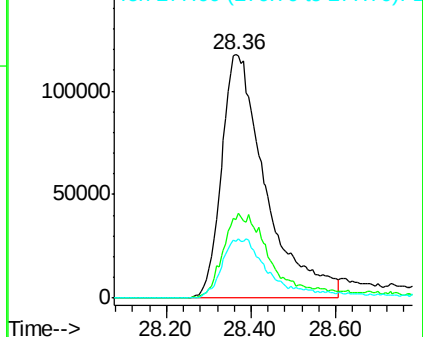
277 23.5 18.6 28.0

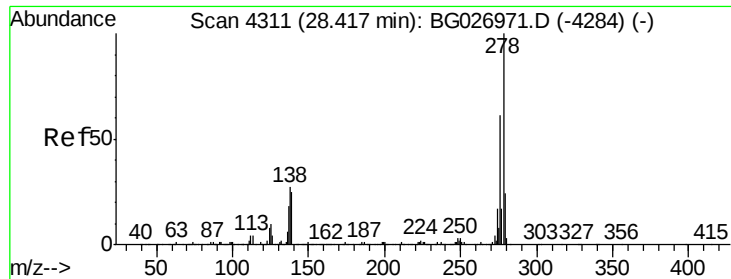


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

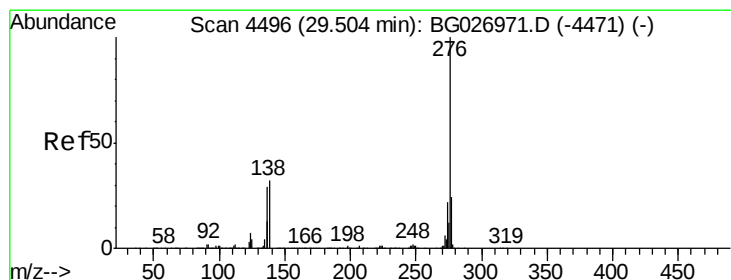
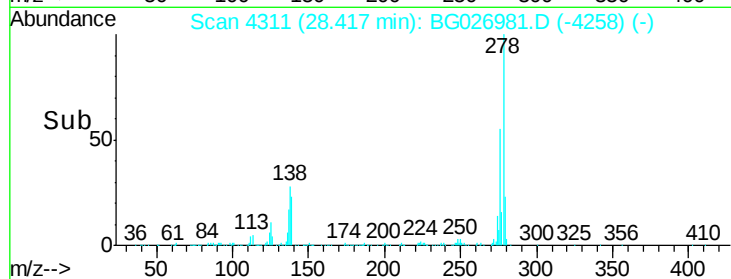
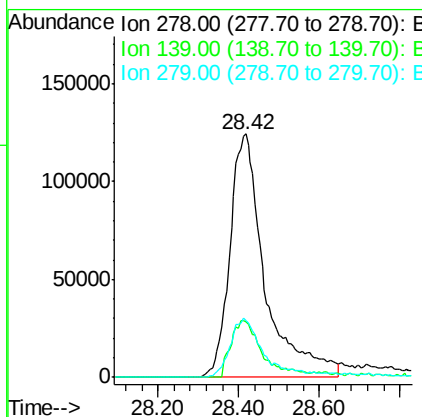
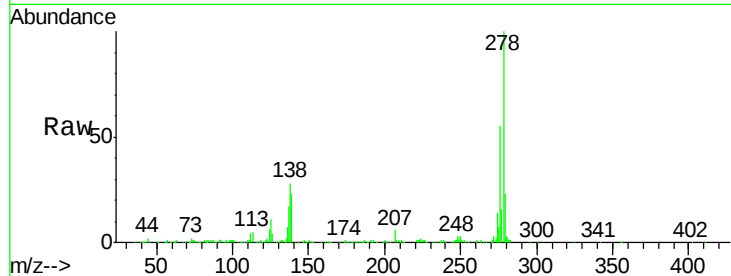




#90
Dibenzo(a,h)anthracene
Concen: 18.75 ng/ul
RT: 28.42 min Scan# 4311
Delta R.T. 0.01 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 752428
Ion Ratio Lower Upper
278 100
139 22.6 6.7 10.1#
279 23.1 20.9 31.3



#91
Benzo(g,h,i)perylene
Concen: 16.19 ng/ul
RT: 29.49 min Scan# 4494
Delta R.T. 0.01 min
Lab File: BG026981.D
Acq: 16 May 2017 16:50

Tgt Ion:276 Resp: 635662
Ion Ratio Lower Upper
276 100
138 29.7 8.6 12.8#
277 22.3 17.6 26.4

