

Data File : BG026796.D
Acq On : 1 May 2017 6:05
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02066

Quant Time: May 01 06:43:28 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 05:02:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	218149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	1061152	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.62	164	606244	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.35	188	1167596	20.00	ng/ul	0.00
75) Chrysene-d12	21.60	240	1072883	20.00	ng/ul	0.00
83) Perylene-d12	24.76	264	1123849	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.42	96	35289	7.29	ng/uL	0.00
5) Phenol-d5	7.18	99	415048	21.32	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	589	0.05	ng/ul	0.07
9) 2-Chlorophenol-d4	7.55	132	341304	20.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	343611	21.26	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	179254	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	199192	20.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	318750	20.80	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	472830	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.02	166	954522	19.56	ng/ul	0.00
46) Acenaphthylene-d8	14.32	160	1233053	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	169828	19.31	ng/ul	0.00
57) Fluorene-d10	15.61	176	832171	19.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.73	200	146015	20.59	ng/ul	0.00
70) Anthracene-d10	17.45	188	1133146	20.00	ng/ul	0.00
76) Pyrene-d10	19.73	212	1096698	19.37	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.54	264	1064996	20.04	ng/ul	0.00

Target Compounds

						Qvalue
4) Benzaldehyde	7.14	77	165791	17.62	ng/ul#	67
6) Phenol	7.21	94	428847	21.73	ng/ul#	75
8) Bis(2-Chloroethyl)ether	7.42	93	310973	20.41	ng/ul	89
10) 2-Chlorophenol	7.58	128	328568	20.20	ng/ul#	80
11) 2-Methylphenol	8.46	108	329792	21.11	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.54	45	346150	21.77	ng/ul#	88
14) Acetophenone	8.83	105	498856	21.02	ng/ul#	71
15) N-Nitroso-di-n-propylamine	8.80	70	237100	20.25	ng/ul#	74
16) 4-Methylphenol	8.79	108	367868	21.53	ng/ul	100
17) Hexachloroethane	9.09	117	120580	19.71	ng/ul#	72
20) Nitrobenzene	9.21	77	349255	20.41	ng/ul#	76
21) Isophorone	9.73	82	662769	20.17	ng/ul#	90
23) 2-Nitrophenol	9.92	139	206198	20.33	ng/ul#	59
24) 2,4-Dimethylphenol	9.99	107	380962	20.60	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.21	93	442292	19.71	ng/ul#	93
27) 2,4-Dichlorophenol	10.46	162	316299	20.69	ng/ul	93
28) Naphthalene	10.86	128	1099572	19.91	ng/ul	98
30) 4-Chloroaniline	10.97	127	439121	22.69	ng/ul	94
31) Hexachlorobutadiene	11.14	225	149541	19.34	ng/ul	91
33) 4-Chloro-3-methylphenol	12.10	107	374702	22.60	ng/ul#	85
34) 2-Methylnaphthalene	12.46	142	823814	20.10	ng/ul	95
36) 1,2,4,5-Tetrachlorobenzene	12.82	216	310853	19.45	ng/ul	94
37) Hexachlorocyclopentadiene	12.81	237	179272	25.46	ng/ul	99

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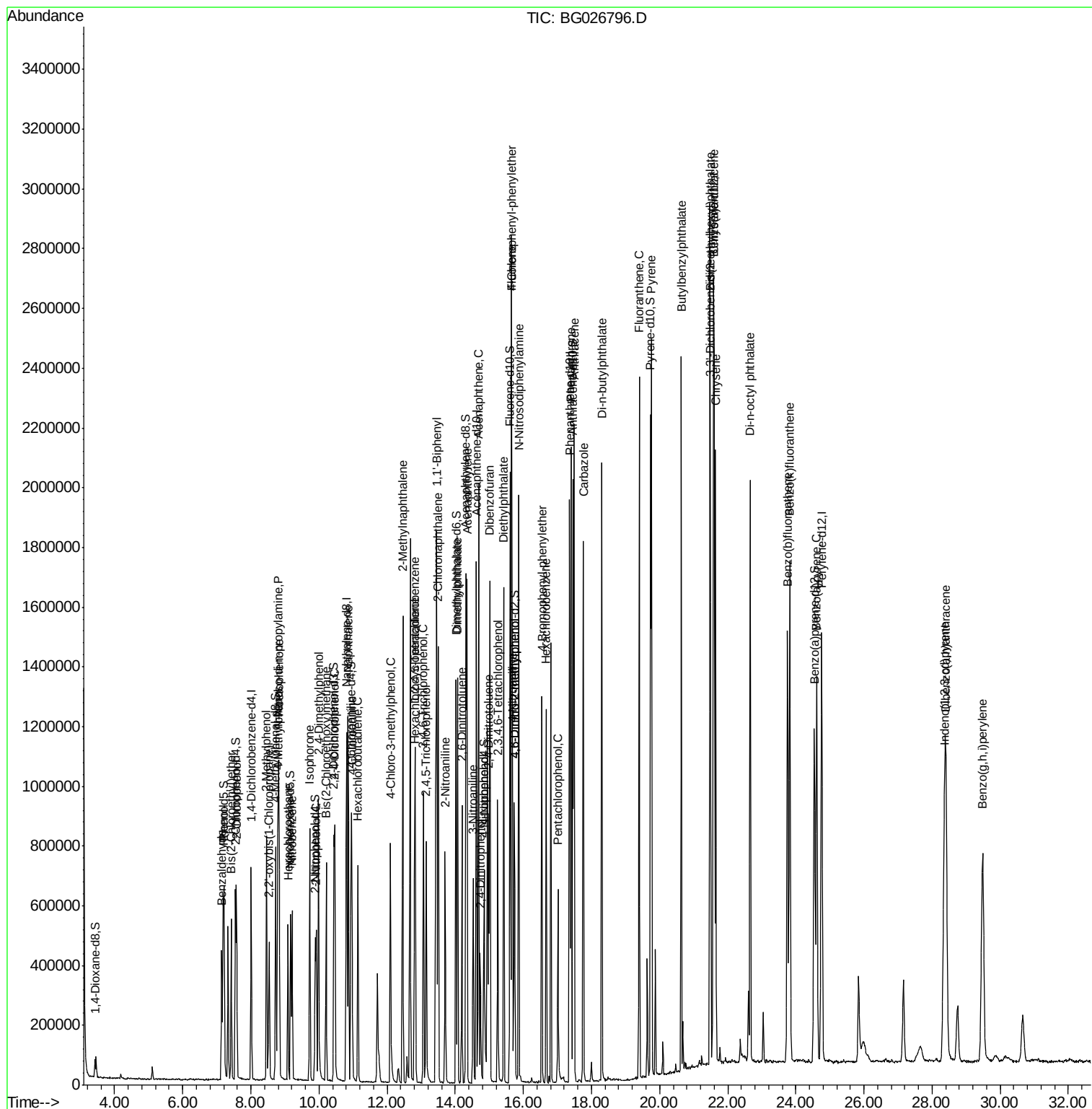
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) 2,4,6-Trichlorophenol	13.06	196	228756	20.80	ng/ul	96
39) 2,4,5-Trichlorophenol	13.15	196	237047	20.86	ng/ul	97
40) 1,1'-Biphenyl	13.46	154	986492	19.36	ng/ul	96
41) 2-Chloronaphthalene	13.50	162	751965	19.63	ng/ul	97
42) 2-Nitroaniline	13.70	65	242093	22.12	ng/ul#	69
44) Dimethylphthalate	14.07	163	923799	19.34	ng/ul	99
45) 2,6-Dinitrotoluene	14.19	165	209281	20.76	ng/ul#	81
47) Acenaphthylene	14.35	152	1247160	19.98	ng/ul	98
48) 3-Nitroaniline	14.53	138	219372	20.68	ng/ul	79
49) Acenaphthene	14.69	153	853167	19.64	ng/ul	96
50) 2,4-Dinitrophenol	14.73	184	117290	22.75	ng/ul#	76
52) 4-Nitrophenol	14.85	109	103983	20.16	ng/ul#	44
53) Dibenzofuran	15.02	168	1117671	19.33	ng/ul	98
54) 2,4-Dinitrotoluene	14.98	165	290542	20.14	ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	15.25	232	180109	20.17	ng/ul#	78
56) Diethylphthalate	15.43	149	979697	19.60	ng/ul	99
58) Fluorene	15.66	166	923436	19.57	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.65	204	395926	19.25	ng/ul#	93
60) 4-Nitroaniline	15.68	138	207180	17.72	ng/ul#	48
63) 4,6-Dinitro-2-methylphenol	15.74	198	150894	20.44	ng/ul#	93
64) N-Nitrosodiphenylamine	15.87	169	790881	20.61	ng/ul	96
65) 4-Bromophenyl-phenylether	16.54	248	233860	20.07	ng/ul#	82
66) Hexachlorobenzene	16.67	284	249943	19.92	ng/ul#	90
68) Pentachlorophenol	17.01	266	120475	21.02	ng/ul	93
69) Phenanthrene	17.40	178	1311005	19.93	ng/ul	99
71) Anthracene	17.49	178	1353137	20.05	ng/ul	99
72) Carbazole	17.76	167	1237287	21.68	ng/ul	97
73) Di-n-butylphthalate	18.31	149	1576317	21.24	ng/ul#	96
74) Fluoranthene	19.40	202	1346728	22.05	ng/ul#	79
77) Pyrene	19.76	202	1372240	19.06	ng/ul#	76
78) Butylbenzylphthalate	20.64	149	733083	21.93	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.50	252	441499	21.40	ng/ul#	92
80) Benzo(a)anthracene	21.58	228	1252770	19.96	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.48	149	1046472	21.93	ng/ul#	97
82) Chrysene	21.65	228	1149406	19.72	ng/ul	98
84) Di-n-octyl phthalate	22.66	149	1786099	23.13	ng/ul	100
85) Benzo(b)fluoranthene	23.75	252	1276215	19.87	ng/ul#	92
86) Benzo(k)fluoranthene	23.82	252	1261595	19.99	ng/ul#	93
88) Benzo(a)pyrene	24.62	252	1243522	19.67	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.36	276	1504724	20.08	ng/ul#	82
90) Dibenzo(a,h)anthracene	28.41	278	1276724	20.10	ng/ul#	88
91) Benzo(g,h,i)perylene	29.48	276	1236935	19.91	ng/ul#	80

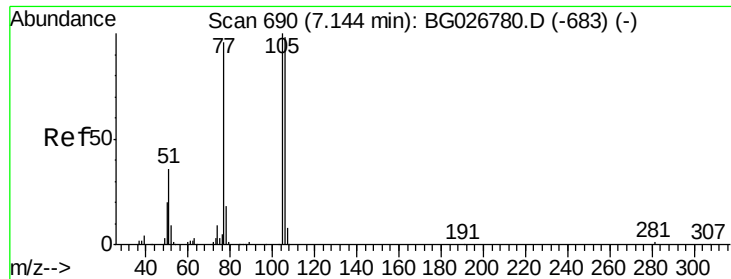
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#4

Benzaldehyde

Concen: 17.62 ng/ul

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

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ClientSampleId :

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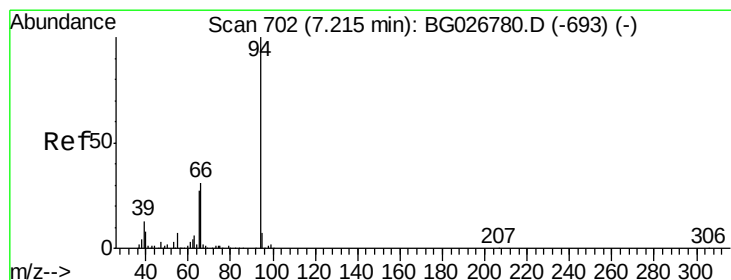
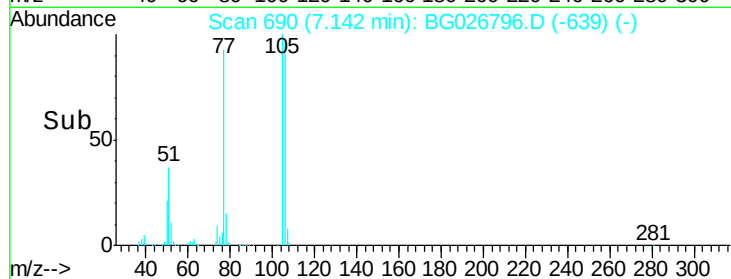
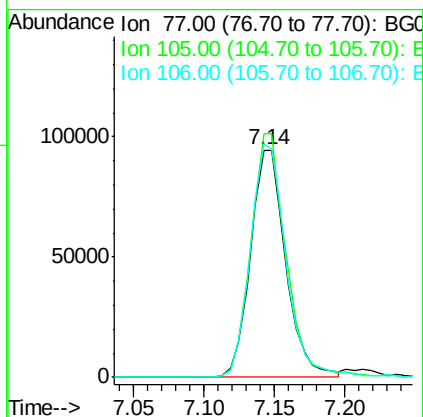
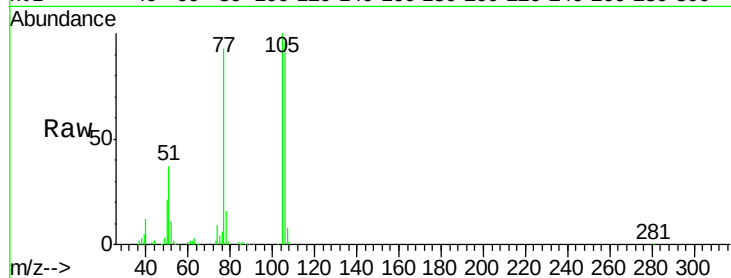
Tgt Ion: 77 Resp: 165791

Ion Ratio Lower Upper

77 100

105 107.1 62.0 93.0#

106 102.6 60.2 90.4#



#6

Phenol

Concen: 21.73 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

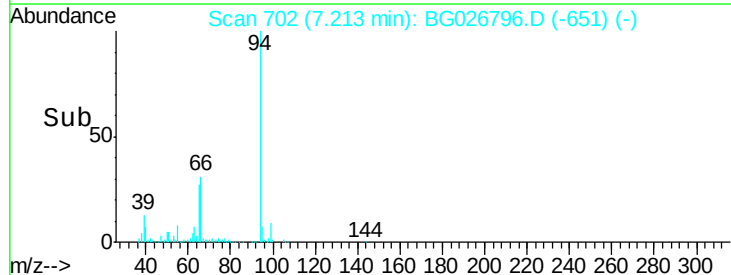
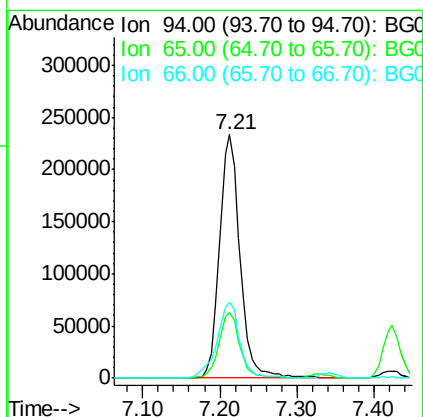
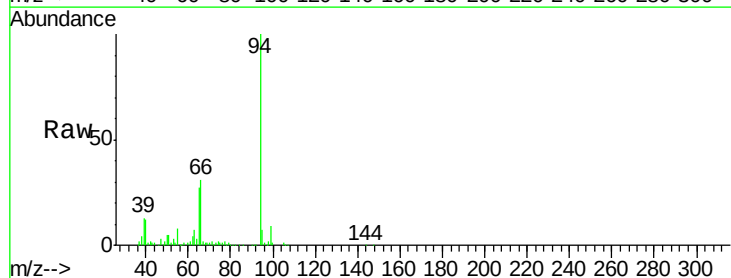
Tgt Ion: 94 Resp: 428847

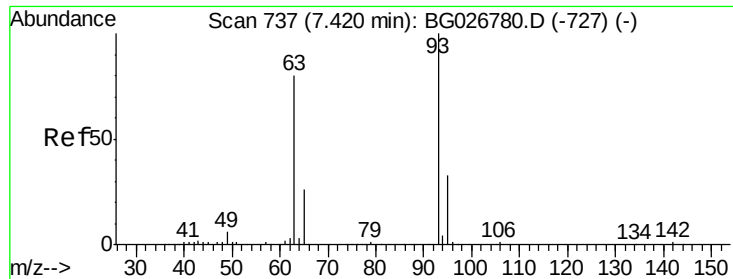
Ion Ratio Lower Upper

94 100

65 27.0 26.8 40.2

66 31.4 44.4 66.6#





#8

Bis(2-Chloroethyl)ether

Concen: 20.41 ng/ul

RT: 7.42 min Scan# 738

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

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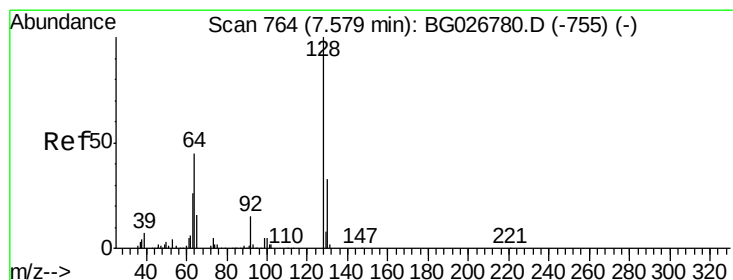
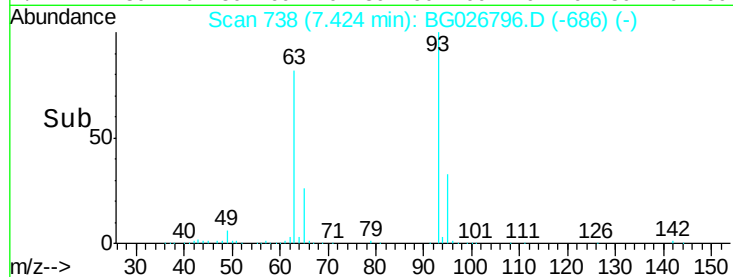
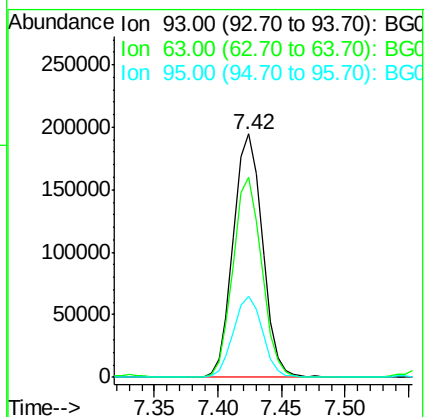
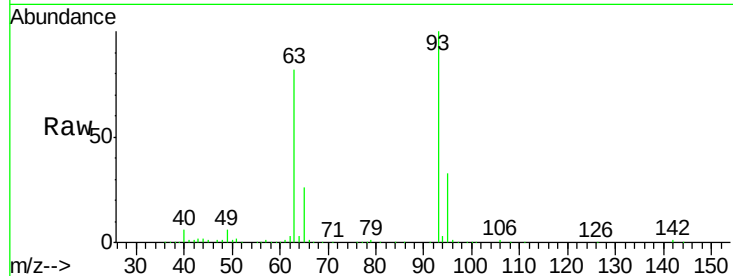
Tgt Ion: 93 Resp: 310973

Ion Ratio Lower Upper

93 100

63 82.0 75.5 113.3

95 33.2 29.2 43.8



#10

2-Chlorophenol

Concen: 20.20 ng/ul

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

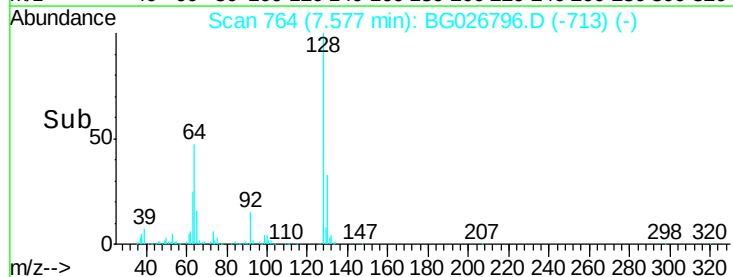
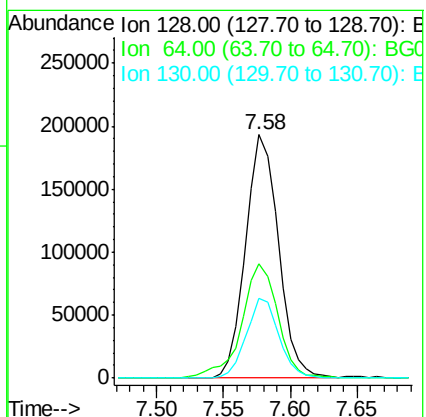
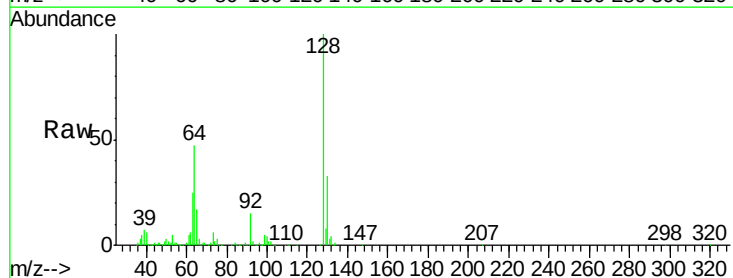
Tgt Ion: 128 Resp: 328568

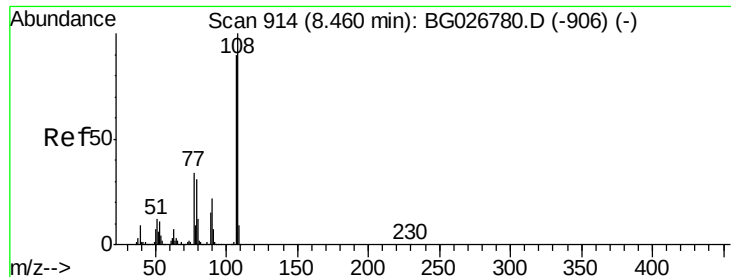
Ion Ratio Lower Upper

128 100

64 46.7 56.3 84.5#

130 32.5 26.7 40.1





#11

2-Methylphenol

Concen: 21.11 ng/ul

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

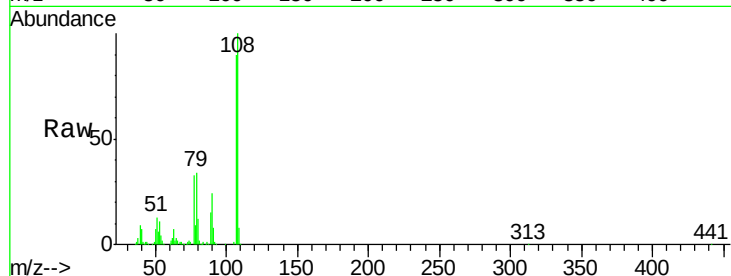
SSTD02066

Tgt Ion:108 Resp: 329792

Ion Ratio Lower Upper

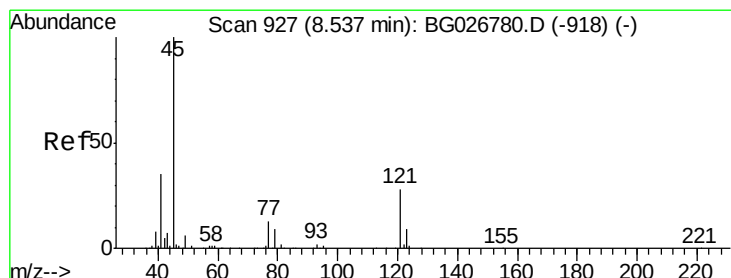
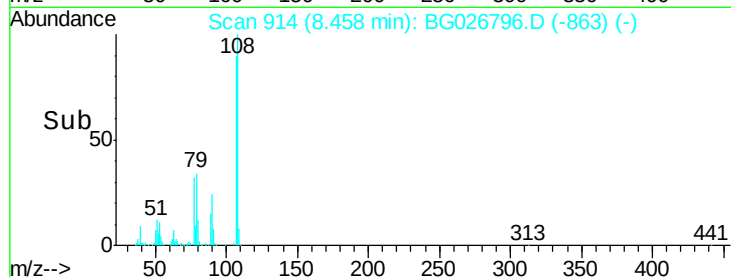
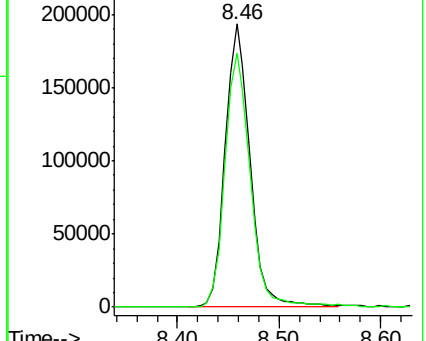
108 100

107 89.6 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'-oxybis(1-Chloropropane)

Concen: 21.77 ng/ul

RT: 8.54 min Scan# 928

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

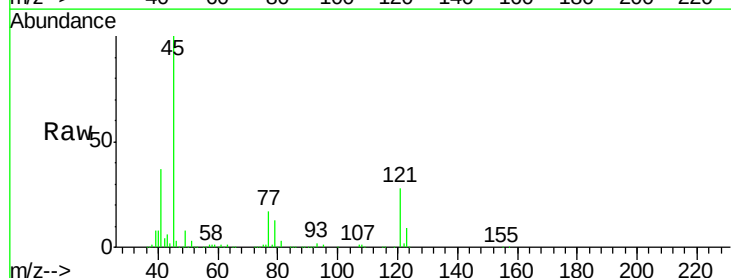
Tgt Ion: 45 Resp: 346150

Ion Ratio Lower Upper

45 100

77 17.3 10.0 15.0#

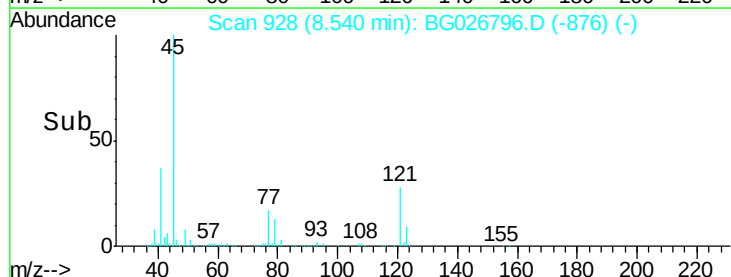
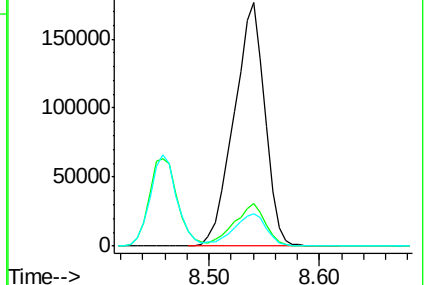
79 13.2 7.3 10.9#

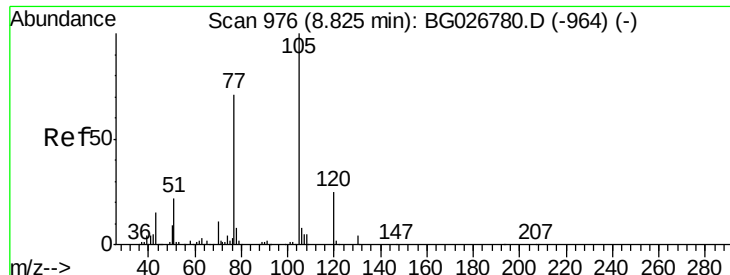


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#14

Acetophenone

Concen: 21.02 ng/ul

RT: 8.83 min Scan# 977

Delta R.T. 0.00 min

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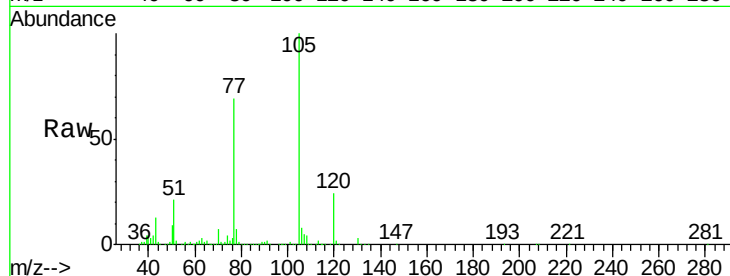
Tgt Ion:105 Resp: 498856

Ion Ratio Lower Upper

105 100

77 69.1 76.0 114.0#

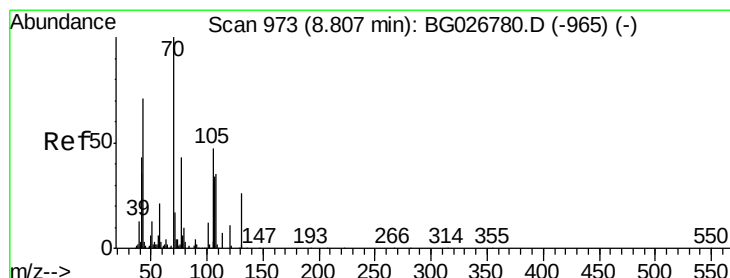
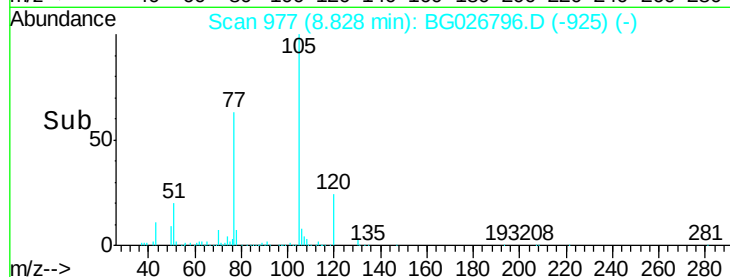
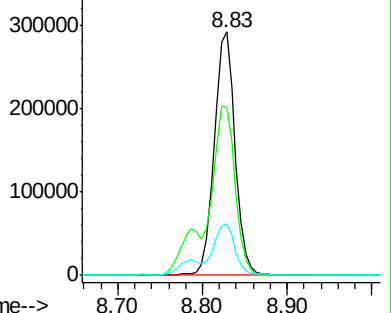
51 21.4 34.8 52.2#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#15

N-Nitroso-di-n-propylamine

Concen: 20.25 ng/ul

RT: 8.80 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Tgt Ion: 70 Resp: 237100

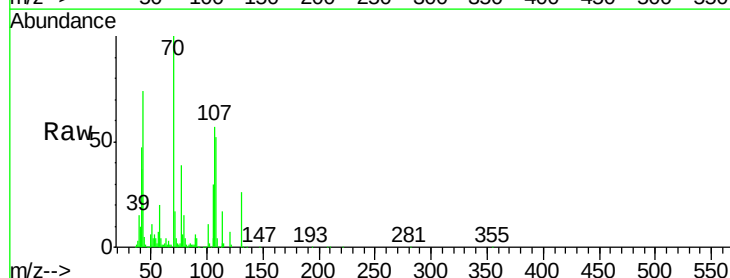
Ion Ratio Lower Upper

70 100

42 47.2 59.0 88.6#

101 10.8 6.6 9.8#

130 26.1 15.6 23.4#

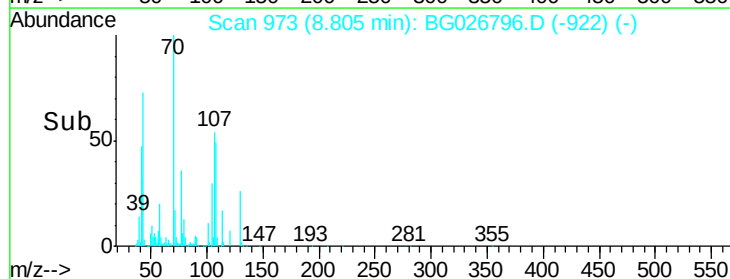
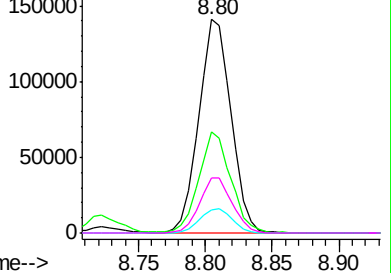


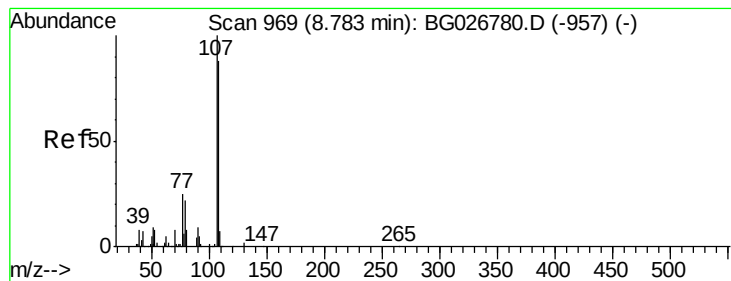
Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 21.53 ng/ul

RT: 8.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

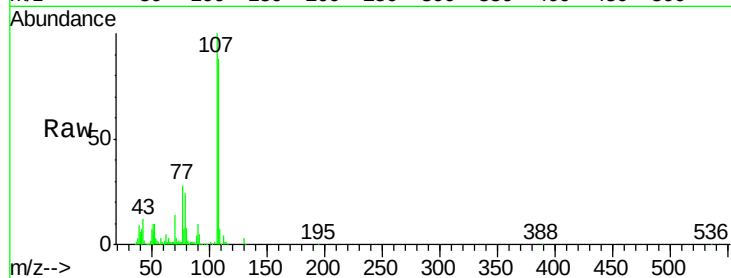
SSTD02066

Tgt Ion:108 Resp: 367868

Ion Ratio Lower Upper

108 100

107 114.3 91.7 137.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

200000

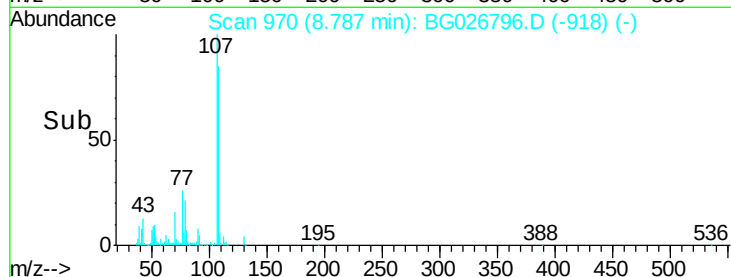
150000

100000

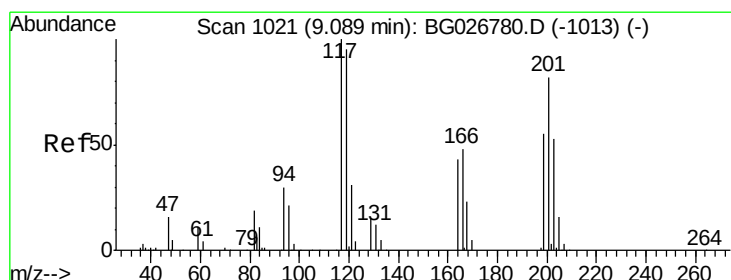
50000

0

8.70 8.80 8.90 9.00



Time-->



#17

Hexachloroethane

Concen: 19.71 ng/ul

RT: 9.09 min Scan# 1022

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

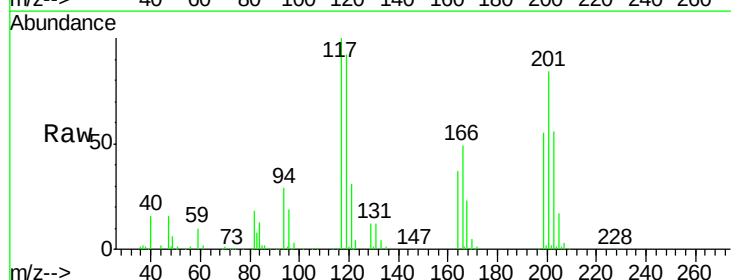
Tgt Ion:117 Resp: 120580

Ion Ratio Lower Upper

117 100

201 84.2 91.9 137.9#

199 55.1 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

80000

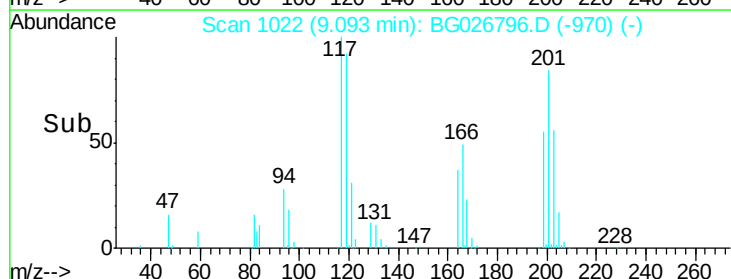
60000

40000

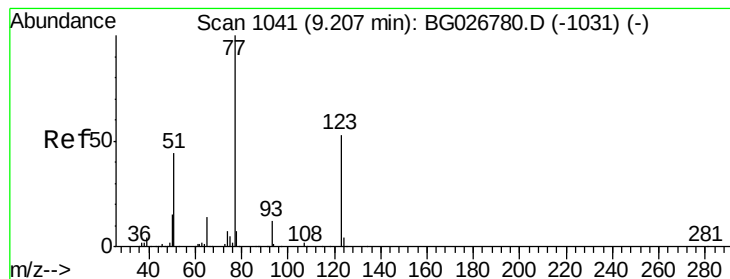
20000

0

9.00 9.05 9.10 9.15



Time-->



#20

Nitrobenzene

Concen: 20.41 ng/ul

RT: 9.21 min Scan# 1042

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

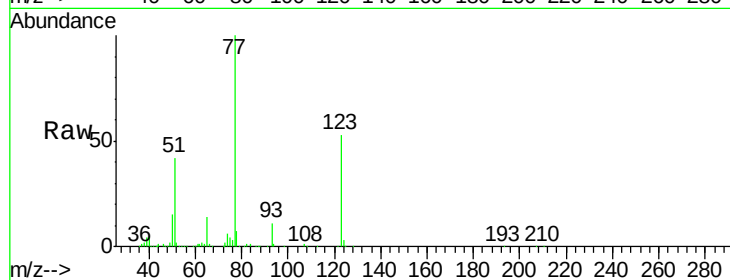
Tgt Ion: 77 Resp: 349255

Ion Ratio Lower Upper

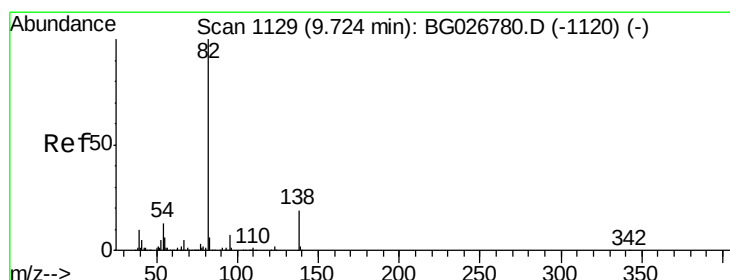
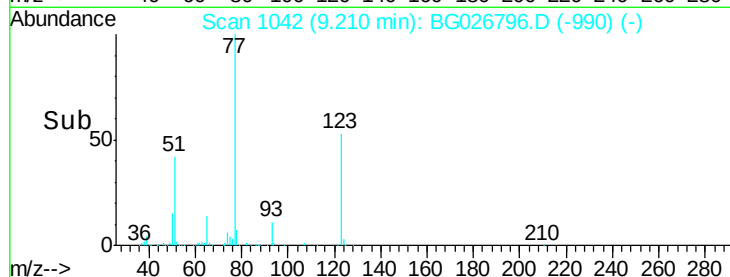
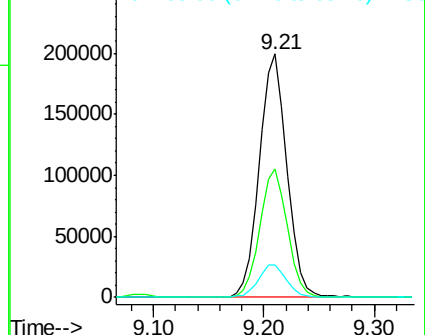
77 100

123 52.8 27.4 41.0#

65 13.6 13.3 19.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC



#21

Isophorone

Concen: 20.17 ng/ul

RT: 9.73 min Scan# 1130

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

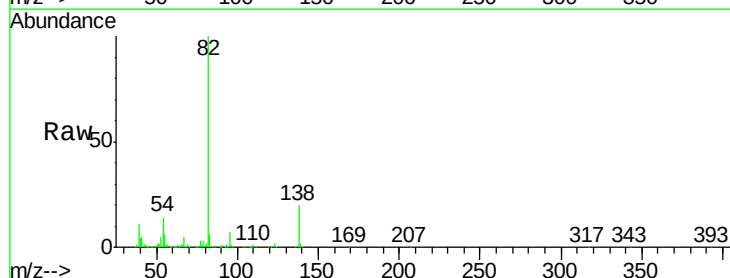
Tgt Ion: 82 Resp: 662769

Ion Ratio Lower Upper

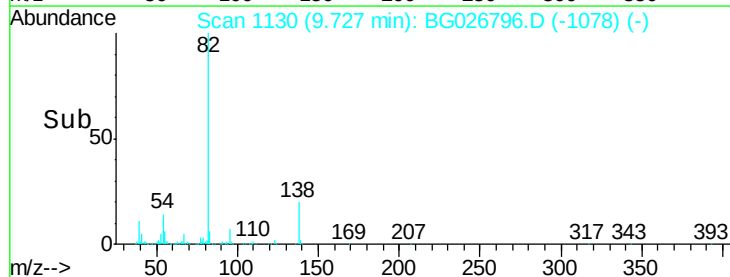
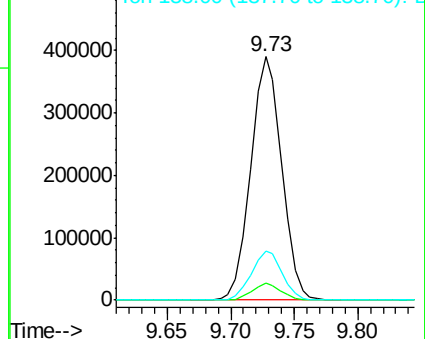
82 100

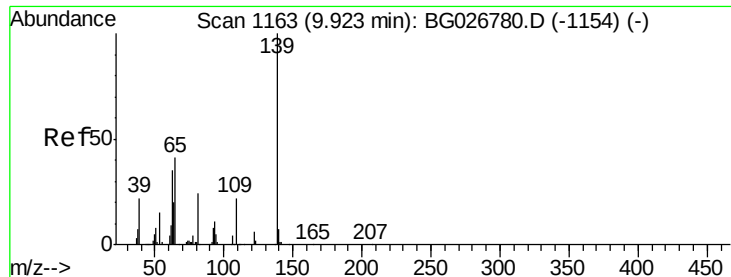
95 7.2 7.8 11.6#

138 19.9 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

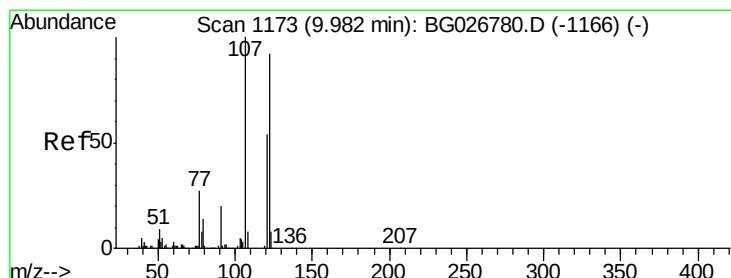
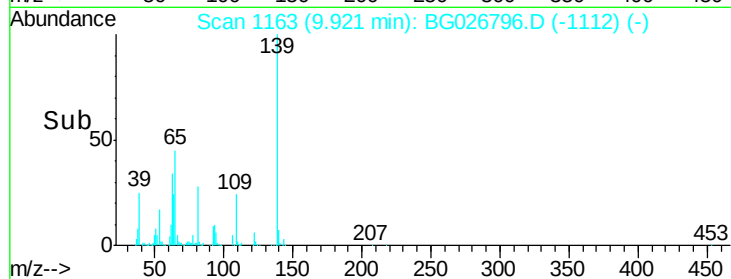
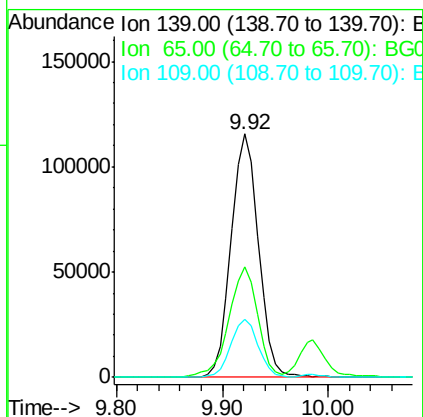
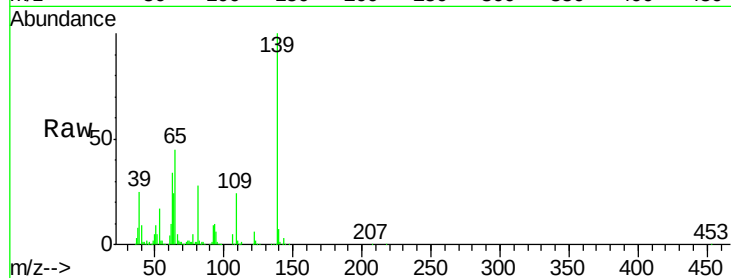




#23
2-Nitrophenol
Concen: 20.33 ng/ul
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

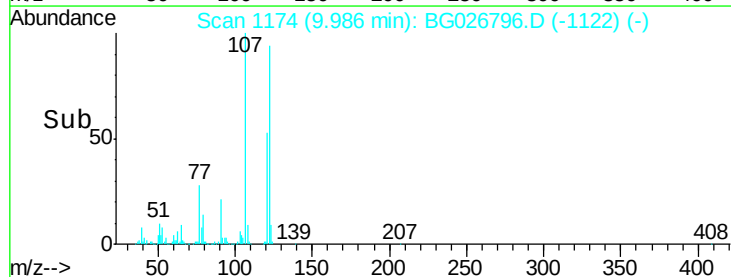
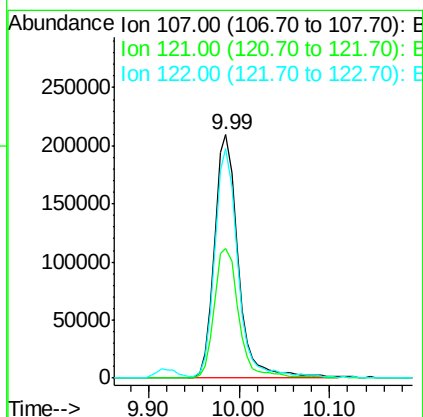
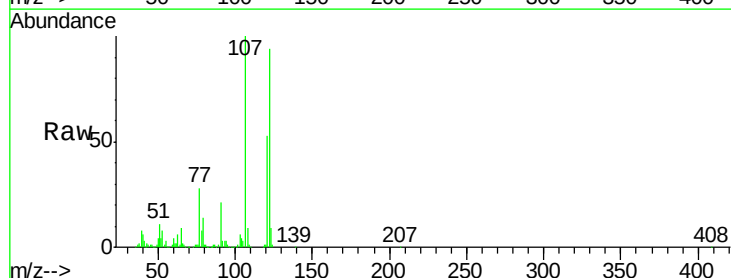
Instrument :
BNA_M
ClientSampleId :
SSTD02066

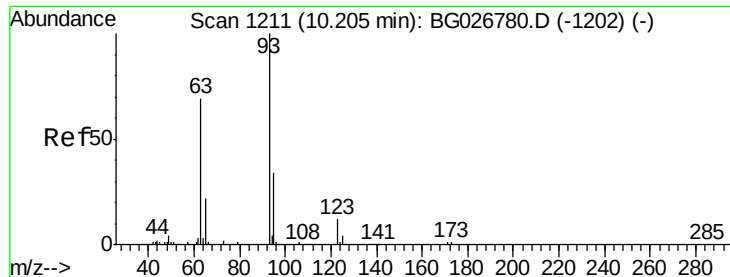
Tgt Ion	Ratio	Lower	Upper
139	100		
65	45.2	67.0	100.6#
109	23.7	39.6	59.4#



#24
2,4-Dimethylphenol
Concen: 20.60 ng/ul
RT: 9.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

Tgt Ion	Ratio	Lower	Upper
107	100		
121	53.2	32.3	48.5#
122	94.3	61.2	91.8#





#25

Bis(2-Chloroethoxy)methane

Concen: 19.71 ng/ul

RT: 10.21 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

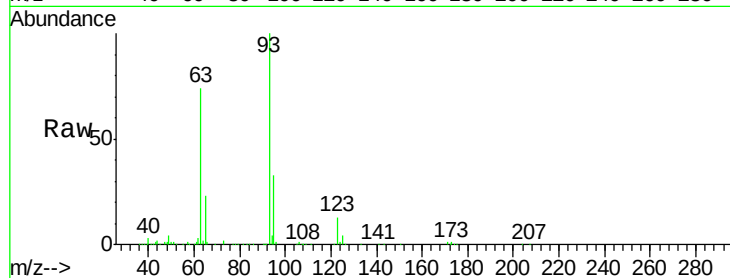
Tgt Ion: 93 Resp: 442292

Ion Ratio Lower Upper

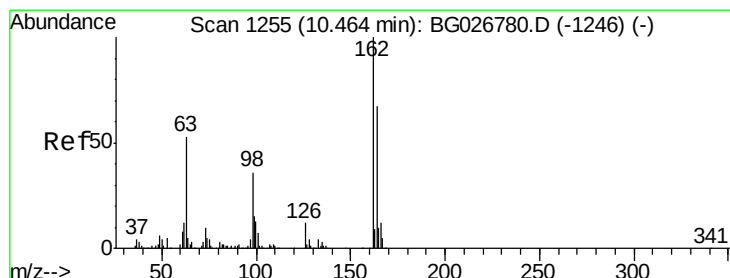
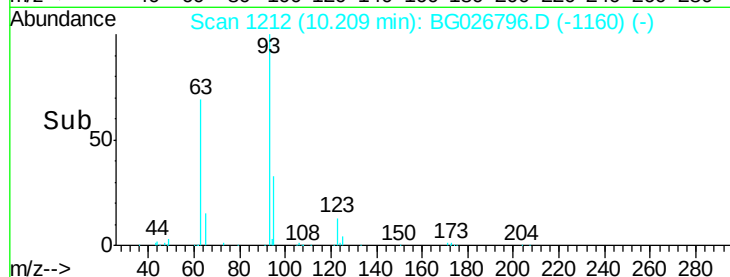
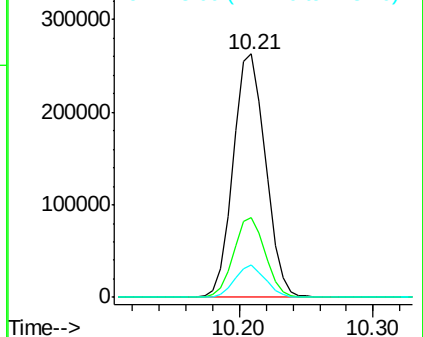
93 100

95 32.7 23.4 35.0

123 13.1 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: 20.69 ng/ul

RT: 10.46 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

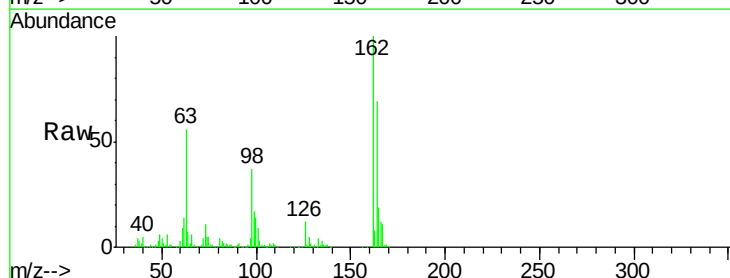
Tgt Ion: 162 Resp: 316299

Ion Ratio Lower Upper

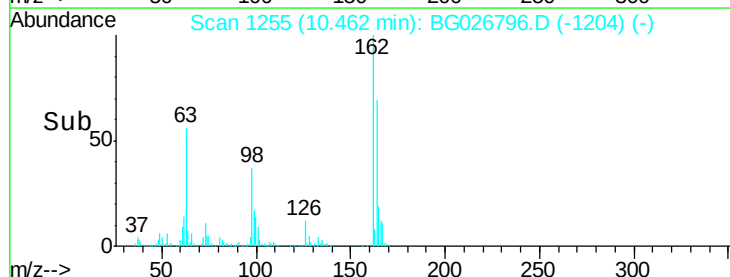
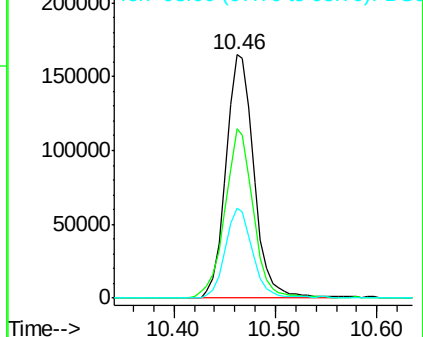
162 100

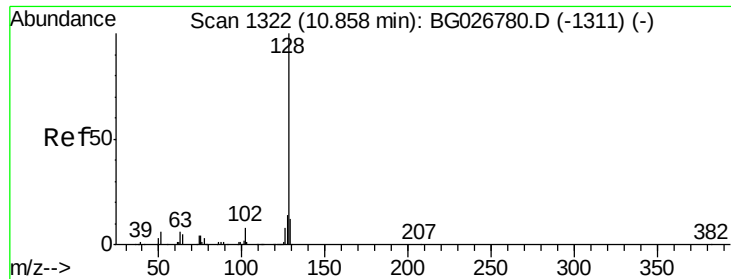
164 69.4 50.8 76.2

98 36.7 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

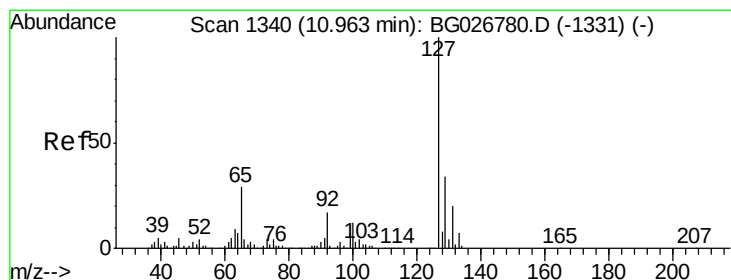
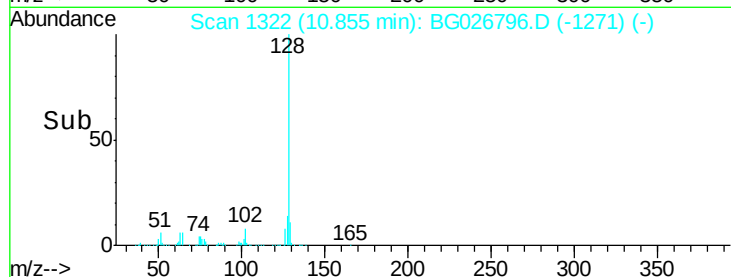
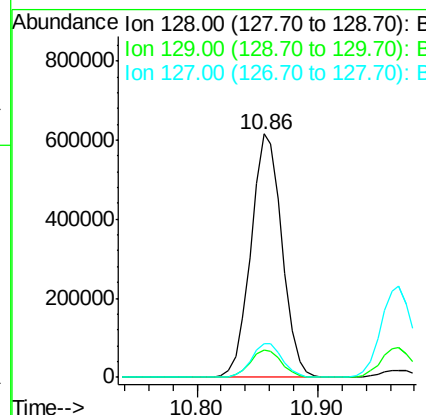
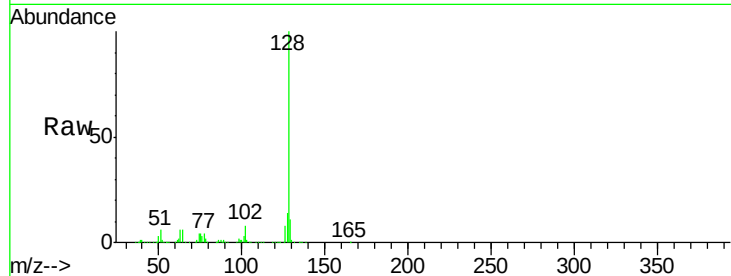




#28
Naphthalene
Concen: 19.91 ng/ul
RT: 10.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

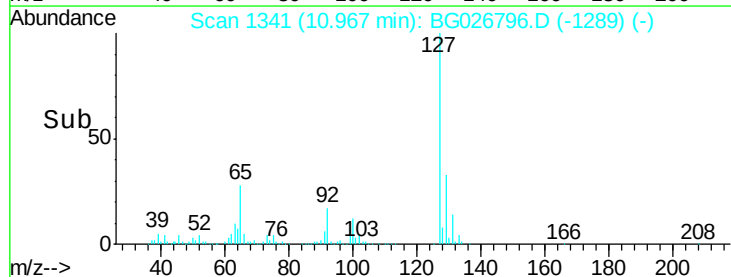
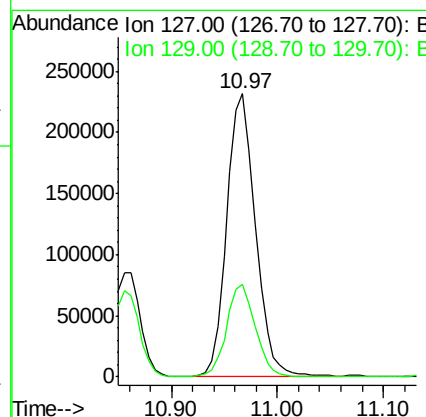
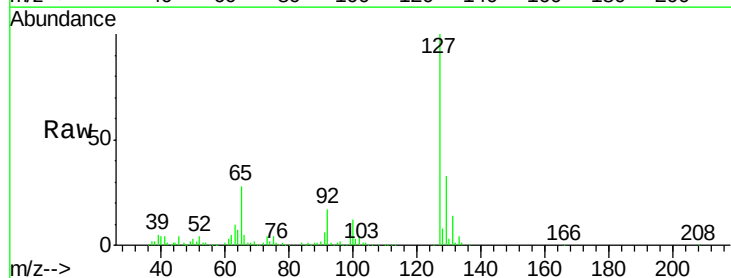
Instrument :
BNA_M
ClientSampleId :
SSTD02066

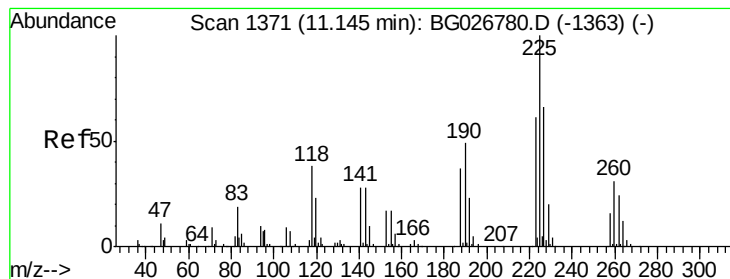
Tgt Ion:128 Resp: 1099572
Ion Ratio Lower Upper
128 100
129 11.4 9.4 14.2
127 13.9 10.3 15.5



#30
4-Chloroaniline
Concen: 22.69 ng/ul
RT: 10.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

Tgt Ion:127 Resp: 439121
Ion Ratio Lower Upper
127 100
129 32.8 28.9 43.3





#31

Hexachlorobutadiene

Concen: 19.34 ng/ul

RT: 11.14 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

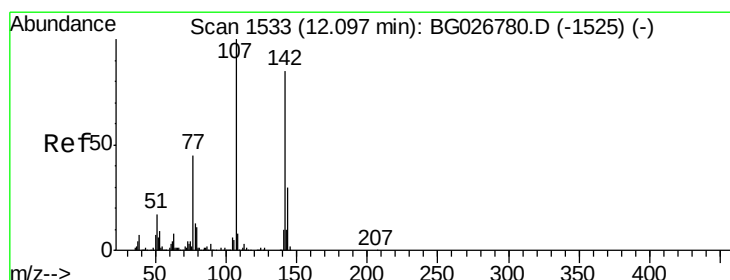
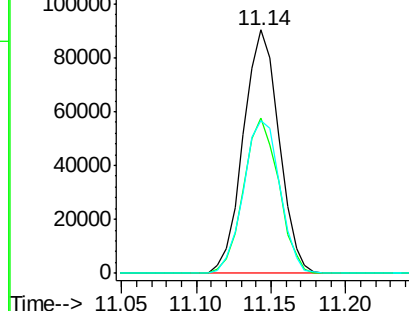
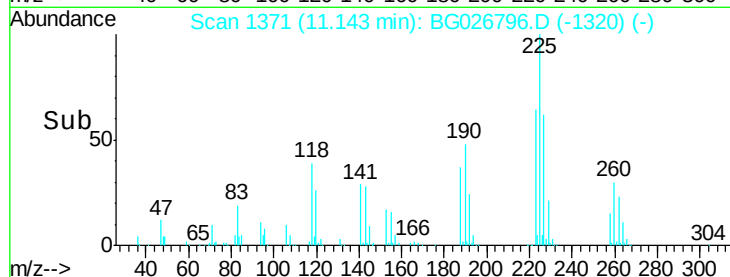
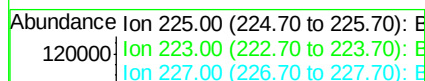
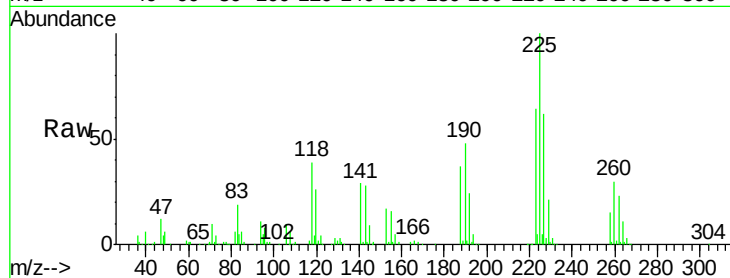
Tgt Ion:225 Resp: 149541

Ion Ratio Lower Upper

225 100

223 63.9 45.9 68.9

227 62.5 44.7 67.1



#33

4-Chloro-3-methylphenol

Concen: 22.60 ng/ul

RT: 12.10 min Scan# 1533

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

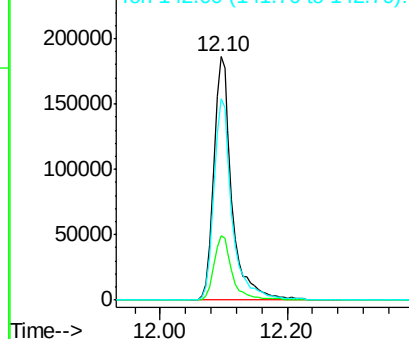
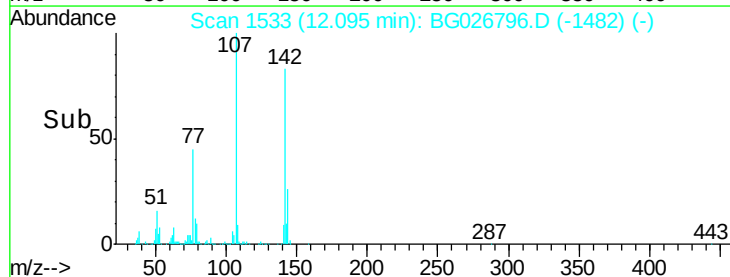
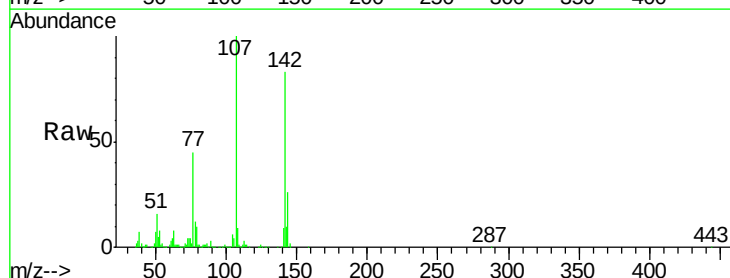
Tgt Ion:107 Resp: 374702

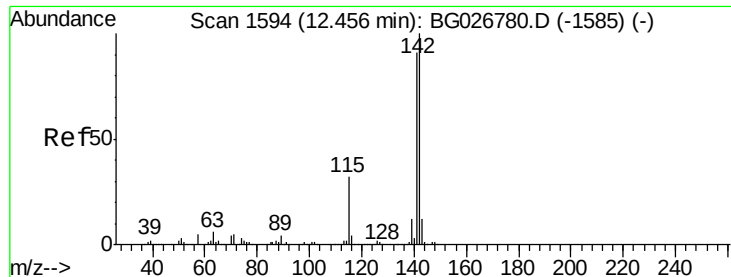
Ion Ratio Lower Upper

107 100

144 26.4 18.2 27.4

142 82.7 55.0 82.4#

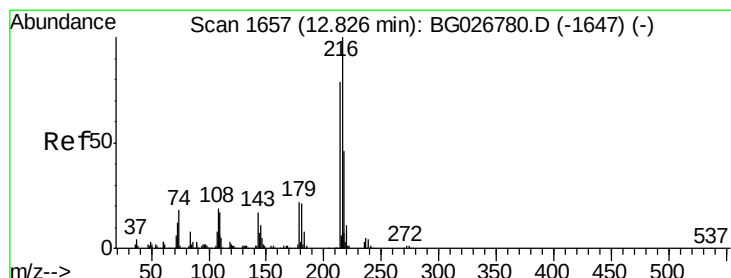
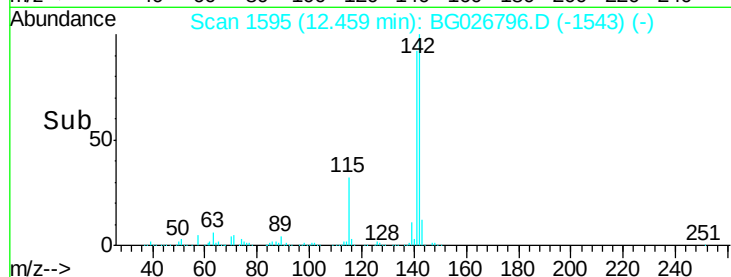
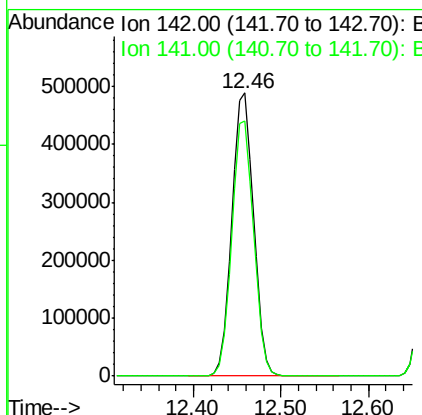
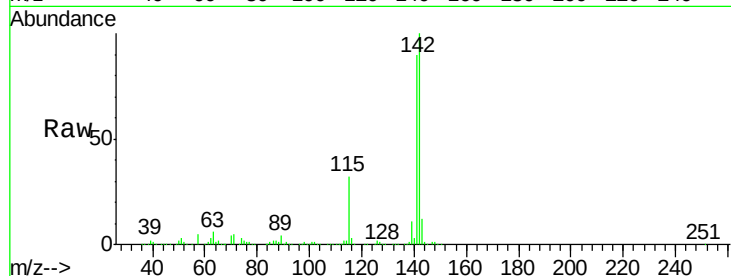




#34
 2-Methylnaphthalene
 Concen: 20.10 ng/ul
 RT: 12.46 min Scan# 1595
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

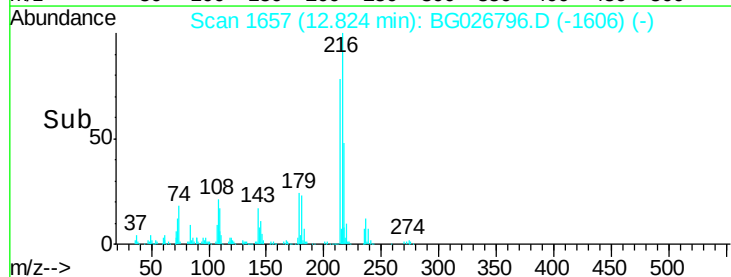
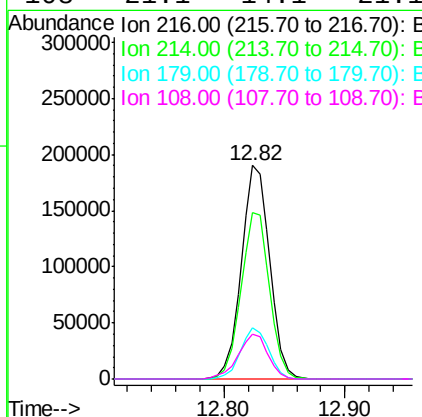
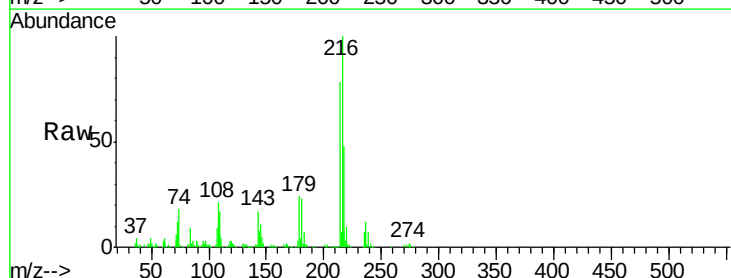
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02066

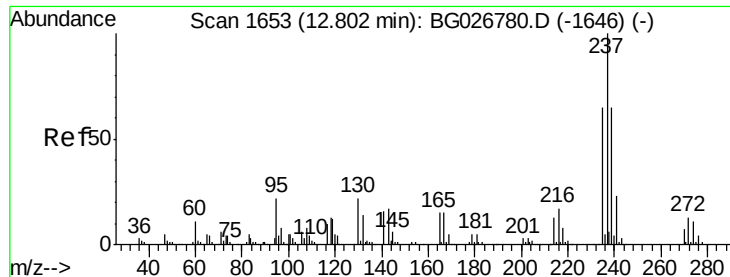
Tgt Ion:142 Resp: 823814
 Ion Ratio Lower Upper
 142 100
 141 90.4 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.45 ng/ul
 RT: 12.82 min Scan# 1657
 Delta R.T. -0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion:216 Resp: 310853
 Ion Ratio Lower Upper
 216 100
 214 78.0 67.0 100.6
 179 24.2 18.1 27.1
 108 21.1 14.1 21.1





#37

Hexachlorocyclopentadiene

Concen: 25.46 ng/ul

RT: 12.81 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

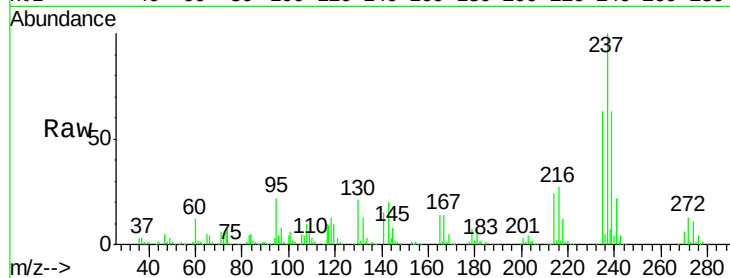
Tgt Ion:237 Resp: 179272

Ion Ratio Lower Upper

237 100

235 63.4 50.2 75.4

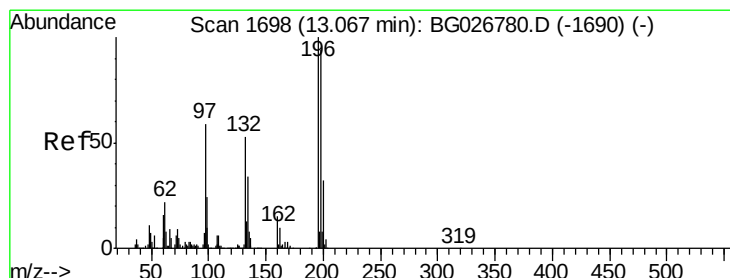
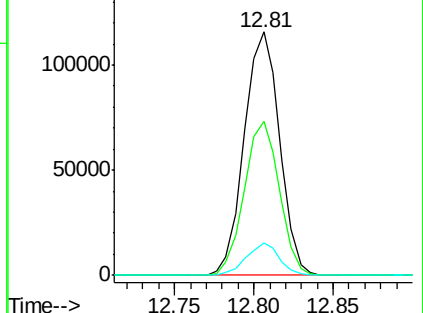
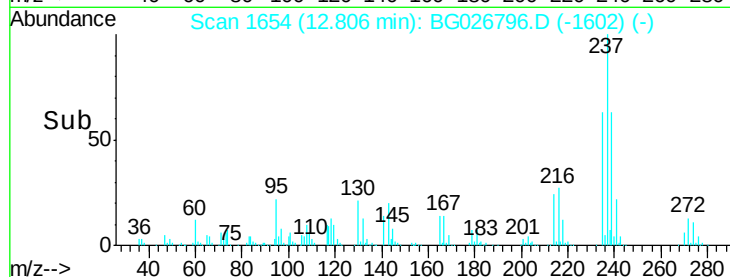
272 13.2 10.6 16.0



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: 20.80 ng/ul

RT: 13.06 min Scan# 1698

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

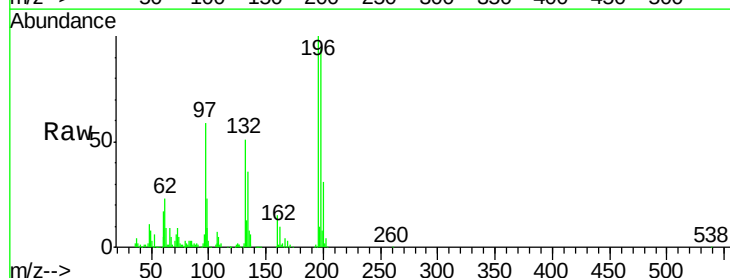
Tgt Ion:196 Resp: 228756

Ion Ratio Lower Upper

196 100

198 93.6 71.4 107.2

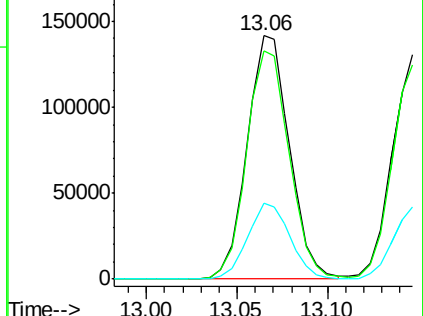
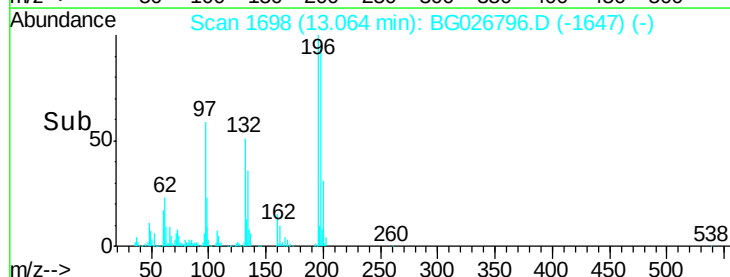
200 31.1 24.6 37.0

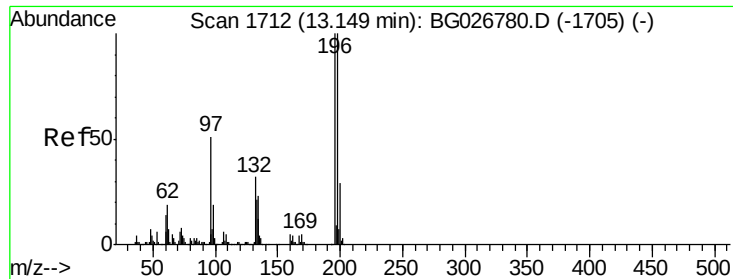


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

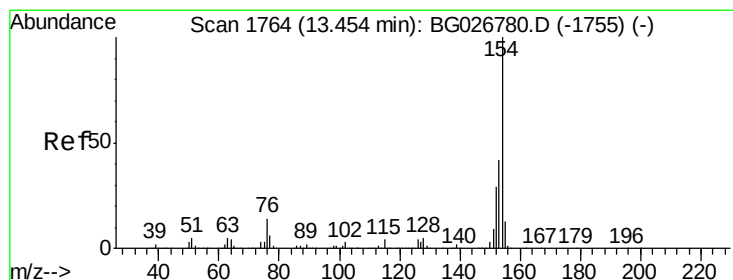
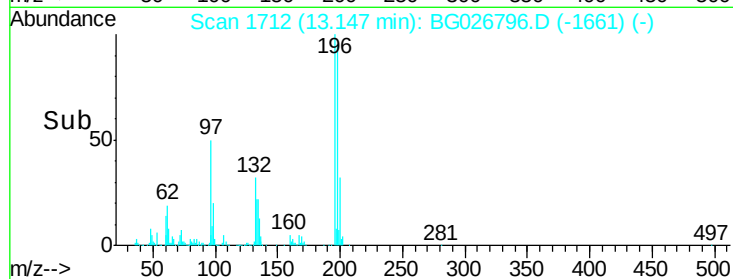
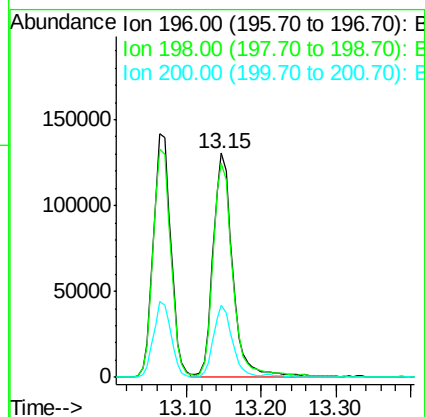
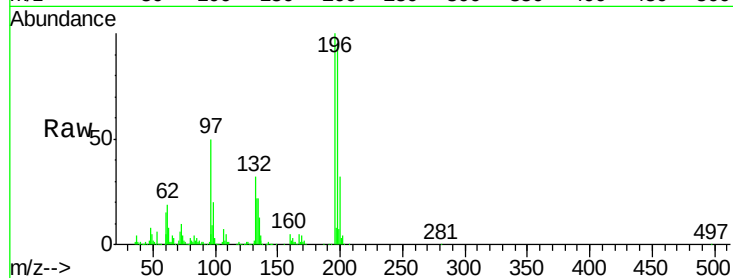




#39
 2,4,5-Trichlorophenol
 Concen: 20.86 ng/ul
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

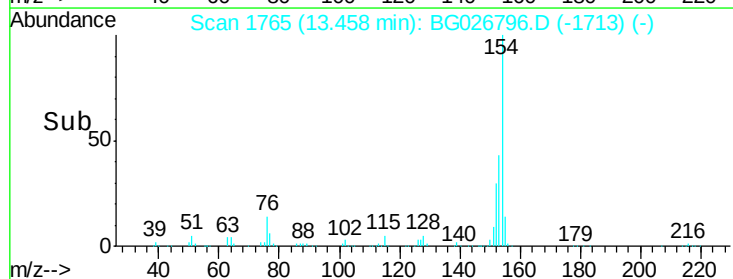
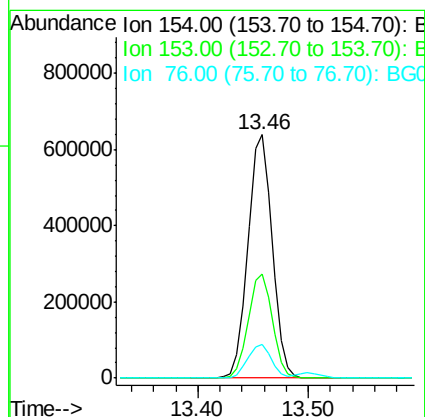
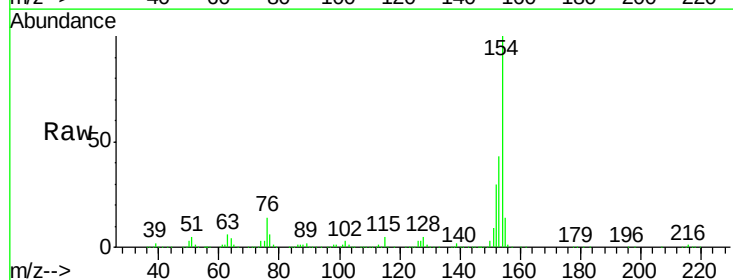
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02066

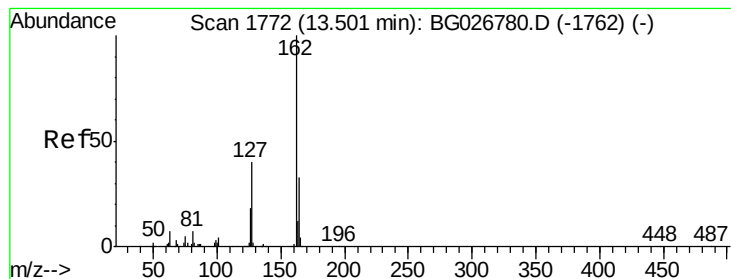
Tgt Ion:196 Resp: 237047
 Ion Ratio Lower Upper
 196 100
 198 95.3 78.6 118.0
 200 32.0 27.3 40.9



#40
 1,1'-Biphenyl
 Concen: 19.36 ng/ul
 RT: 13.46 min Scan# 1765
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion:154 Resp: 986492
 Ion Ratio Lower Upper
 154 100
 153 42.5 32.2 48.2
 76 13.9 9.6 14.4





#41

2-Chloronaphthalene

Concen: 19.63 ng/ul

RT: 13.50 min Scan# 1772

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

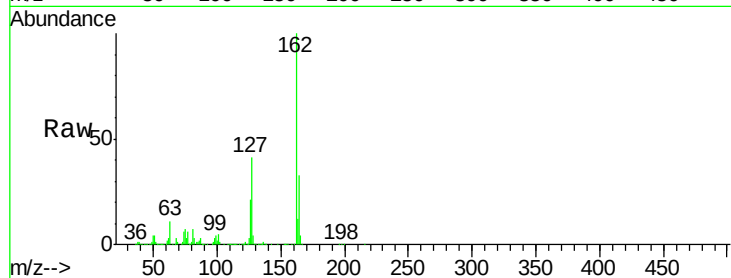
Tgt Ion: 162 Resp: 751965

Ion Ratio Lower Upper

162 100

164 33.0 25.0 37.6

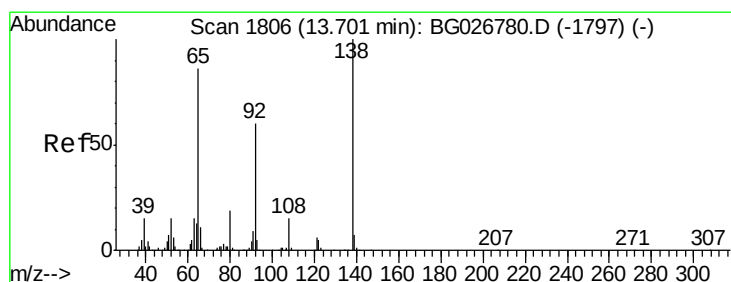
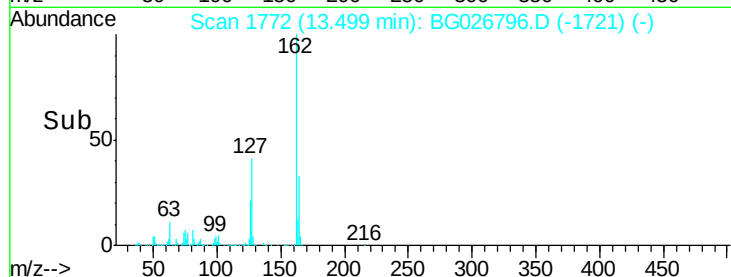
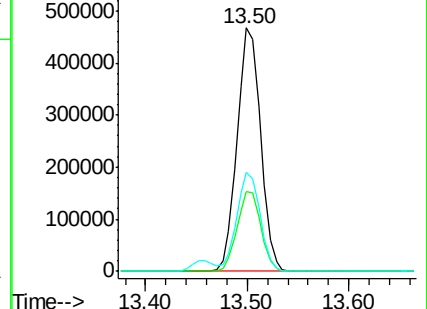
127 40.6 30.7 46.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E



#42

2-Nitroaniline

Concen: 22.12 ng/ul

RT: 13.70 min Scan# 1807

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

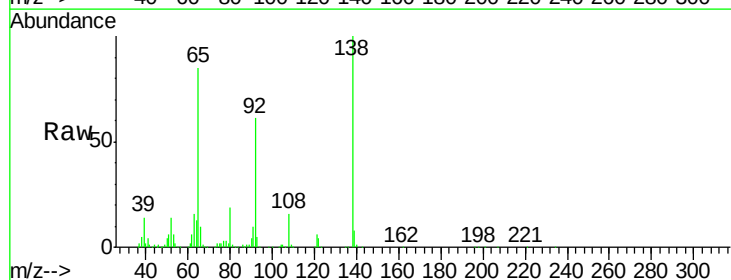
Tgt Ion: 65 Resp: 242093

Ion Ratio Lower Upper

65 100

92 72.6 50.9 76.3

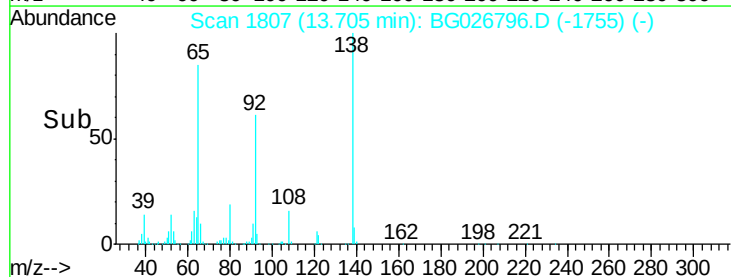
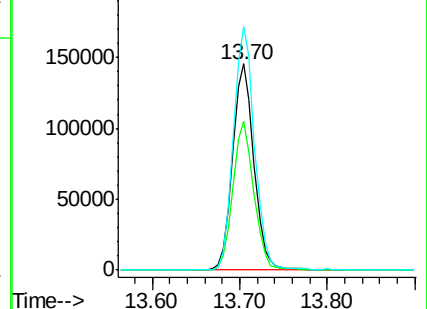
138 118.2 61.8 92.6#

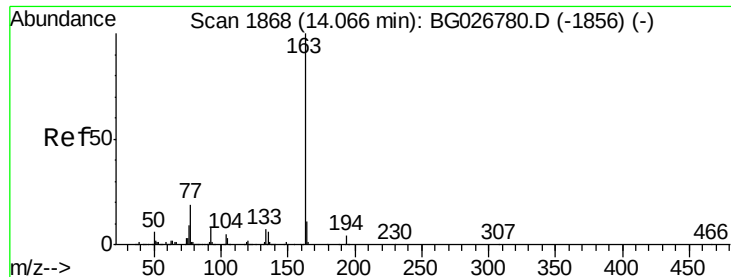


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 19.34 ng/ul

RT: 14.07 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

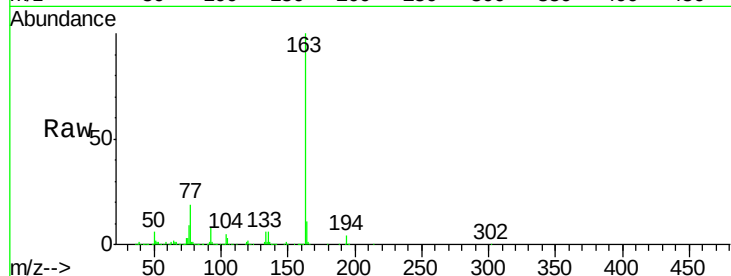
Tgt Ion:163 Resp: 923799

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.0

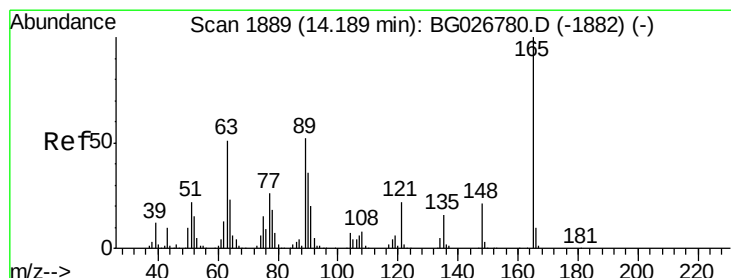
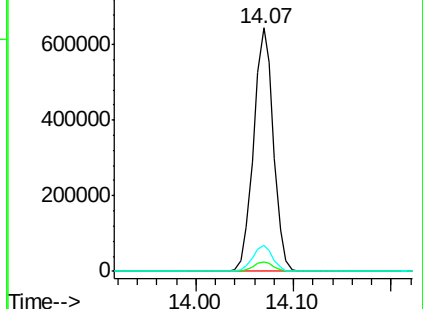
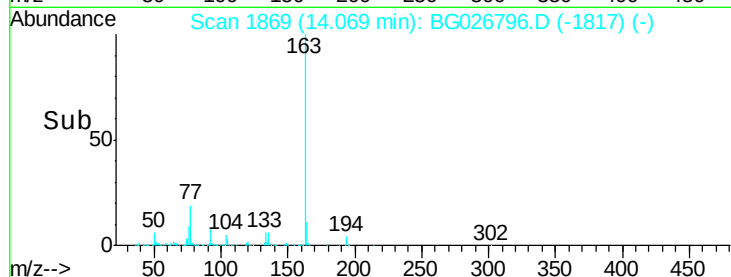
164 10.7 9.0 13.4



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



#45

2,6-Dinitrotoluene

Concen: 20.76 ng/ul

RT: 14.19 min Scan# 1890

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

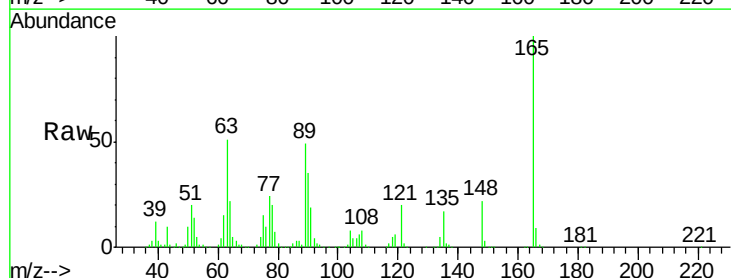
Tgt Ion:165 Resp: 209281

Ion Ratio Lower Upper

165 100

89 49.4 52.9 79.3#

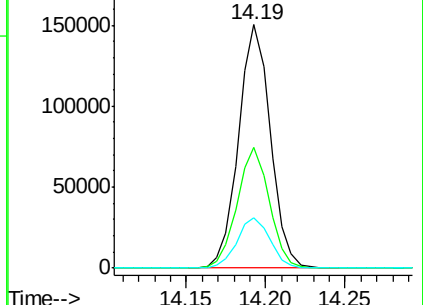
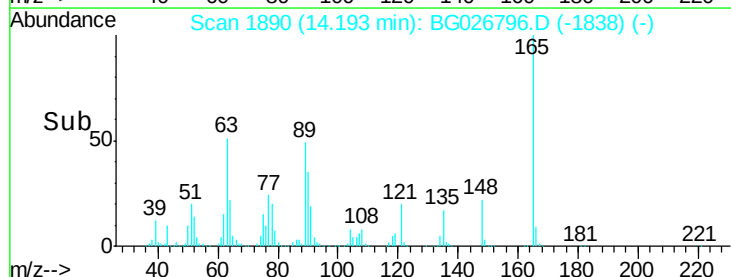
121 20.5 22.2 33.4#

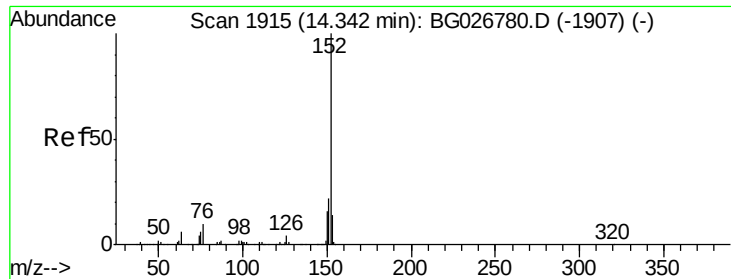


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.98 ng/ul

RT: 14.35 min Scan# 1916

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

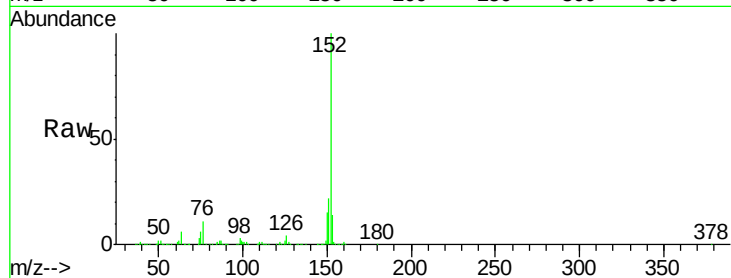
Tgt Ion:152 Resp: 1247160

Ion Ratio Lower Upper

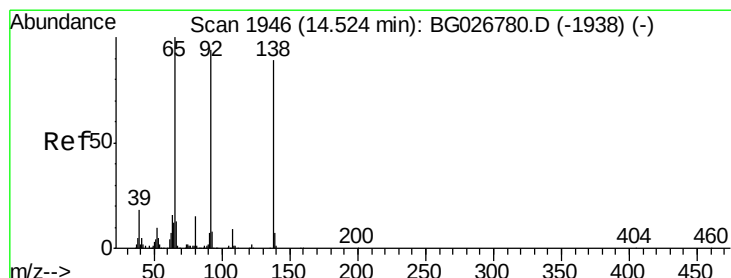
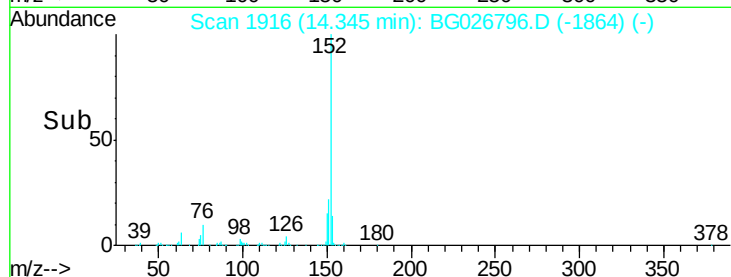
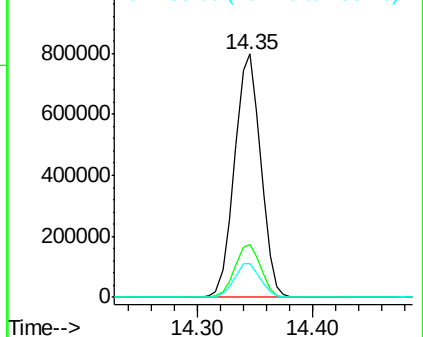
152 100

151 21.8 16.7 25.1

153 13.6 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 20.68 ng/ul

RT: 14.53 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

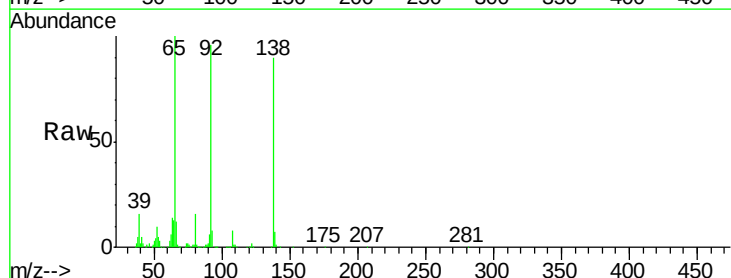
Tgt Ion:138 Resp: 219372

Ion Ratio Lower Upper

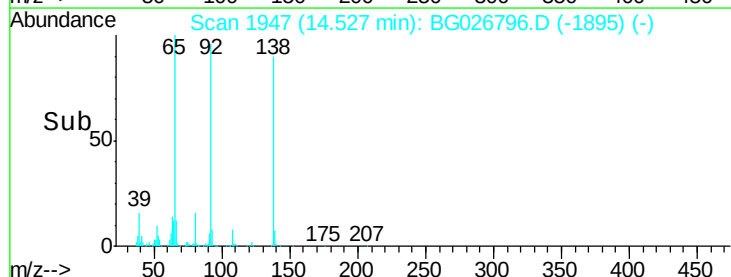
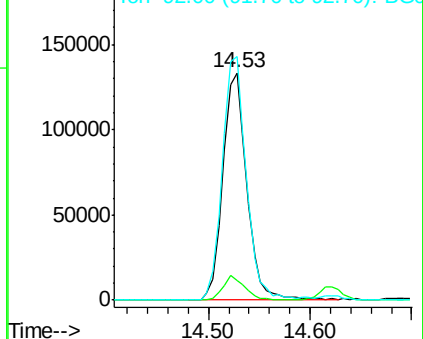
138 100

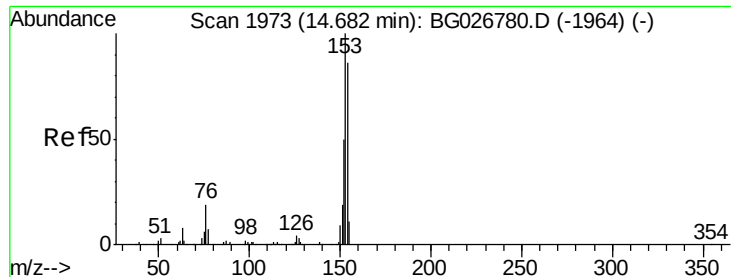
108 8.8 6.3 9.5

92 107.2 106.4 159.6



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





#49

Acenaphthene

Concen: 19.64 ng/ul

RT: 14.69 min Scan# 1974

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

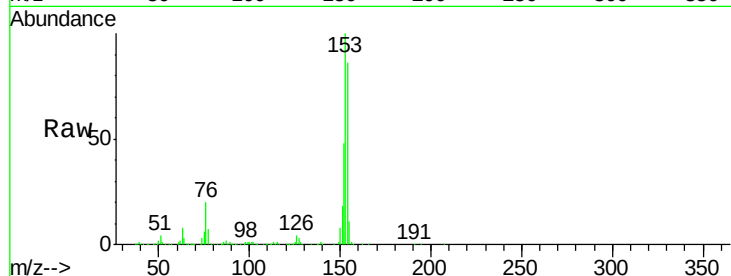
Tgt Ion:153 Resp: 853167

Ion Ratio Lower Upper

153 100

152 48.1 36.5 54.7

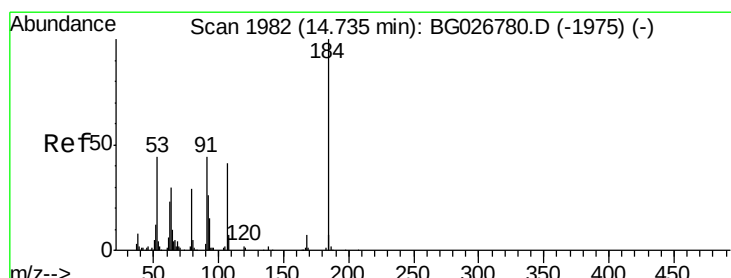
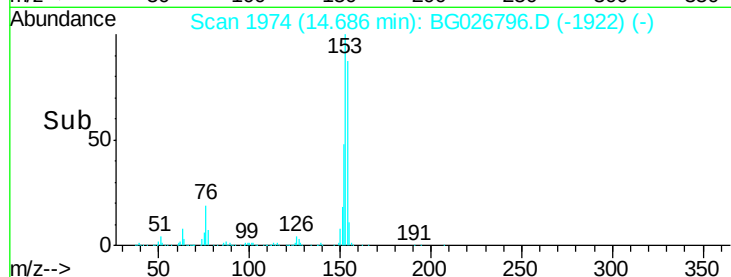
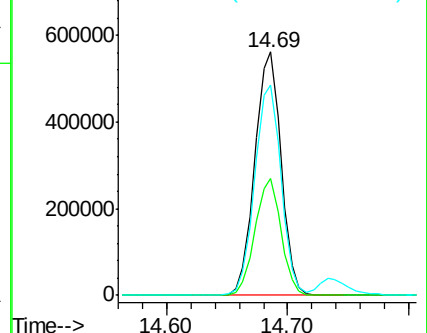
154 86.5 72.3 108.5



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 22.75 ng/ul

RT: 14.73 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

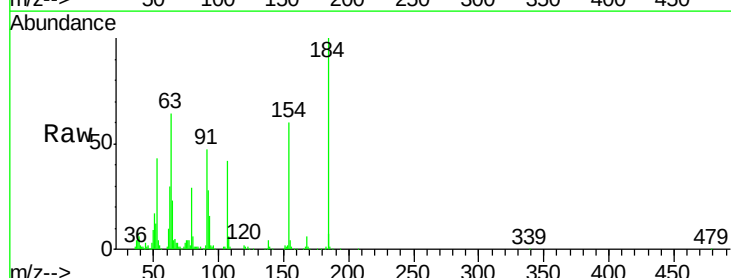
Tgt Ion:184 Resp: 117290

Ion Ratio Lower Upper

184 100

63 63.8 65.1 97.7#

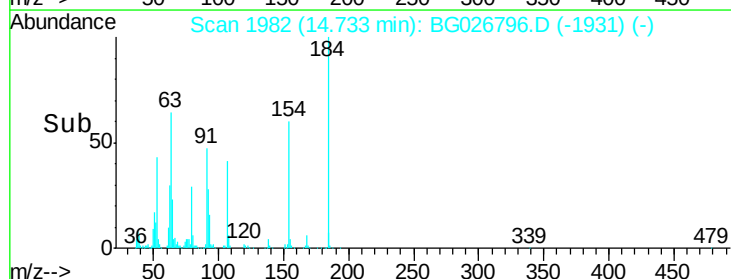
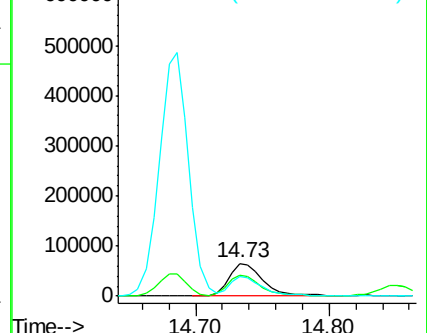
154 60.4 68.2 102.4#

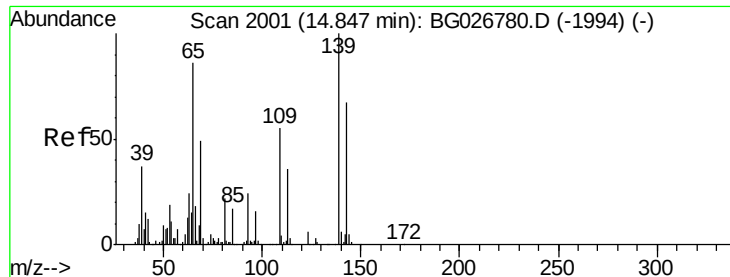


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.16 ng/ul

RT: 14.85 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

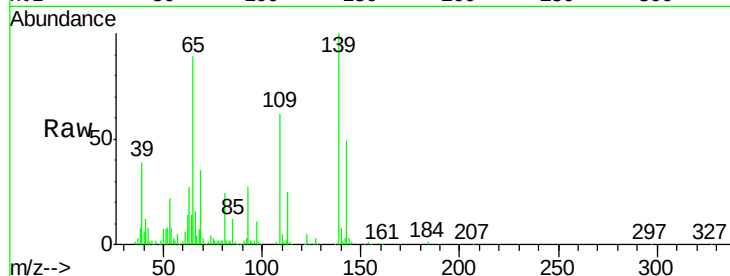
Tgt Ion:109 Resp: 103983

Ion Ratio Lower Upper

109 100

139 162.2 62.6 93.8#

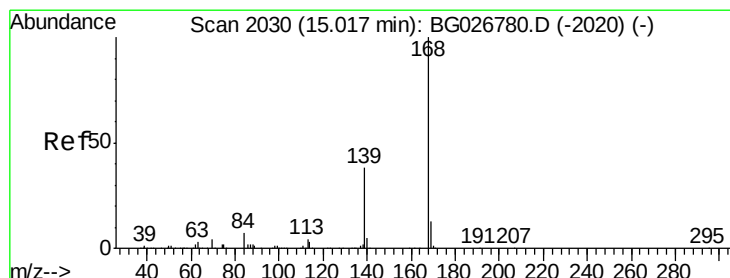
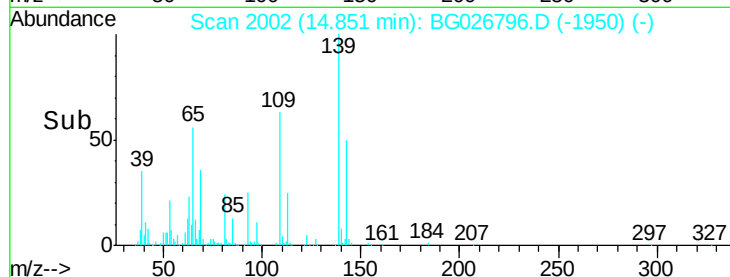
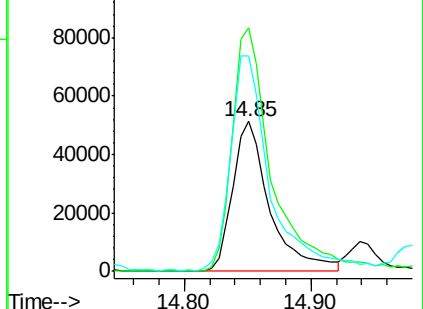
65 143.7 90.4 135.6#



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: 19.33 ng/ul

RT: 15.02 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BG026796.D

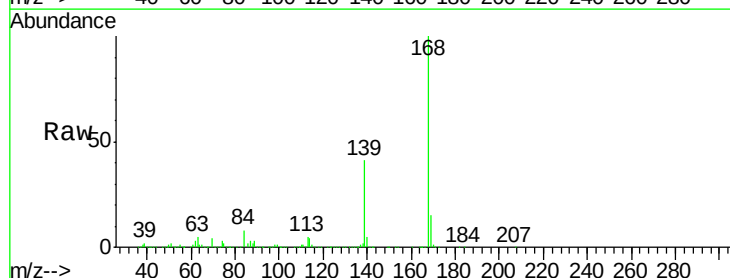
Acq: 1 May 2017 6:05

Tgt Ion:168 Resp: 1117671

Ion Ratio Lower Upper

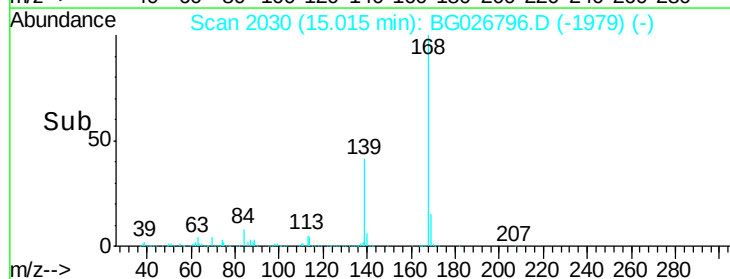
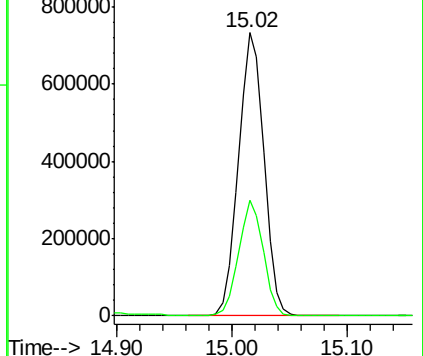
168 100

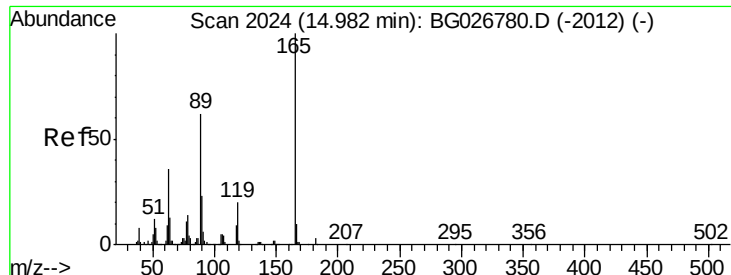
139 41.0 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

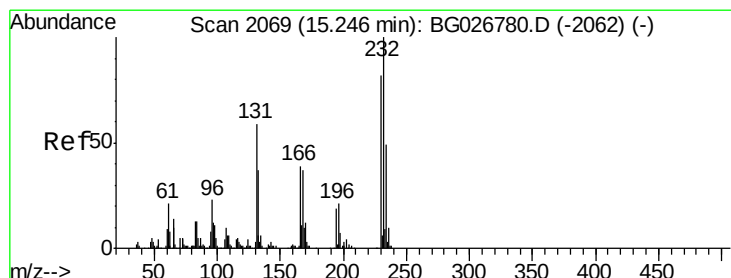
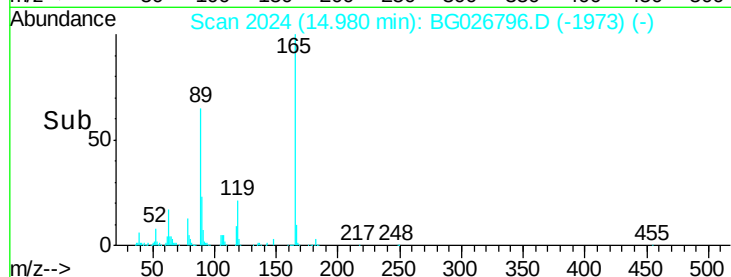
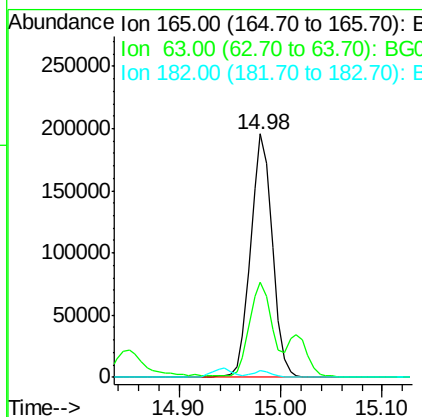
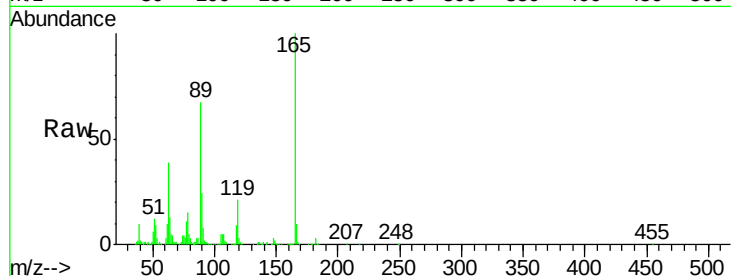




#54
 2,4-Dinitrotoluene
 Concen: 20.14 ng/ul
 RT: 14.98 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

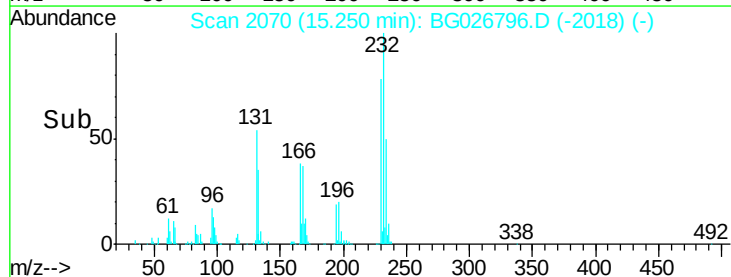
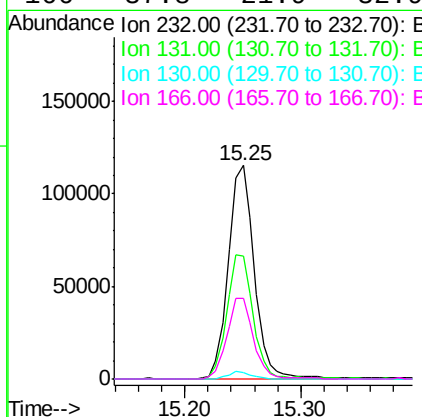
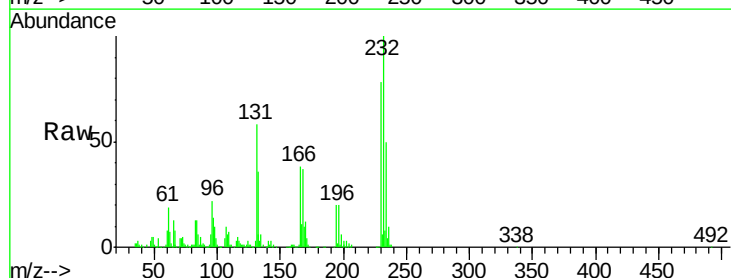
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02066

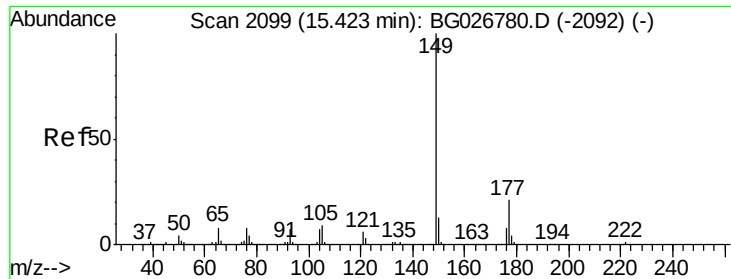
Tgt Ion:165 Resp: 290542
 Ion Ratio Lower Upper
 165 100
 63 39.1 46.8 70.2#
 182 2.7 1.8 2.6#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.17 ng/ul
 RT: 15.25 min Scan# 2070
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion:232 Resp: 180109
 Ion Ratio Lower Upper
 232 100
 131 57.5 33.3 49.9#
 130 2.8 1.8 2.6#
 166 37.8 21.9 32.9#





#56

Diethylphthalate

Concen: 19.60 ng/ul

RT: 15.43 min Scan# 2100

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

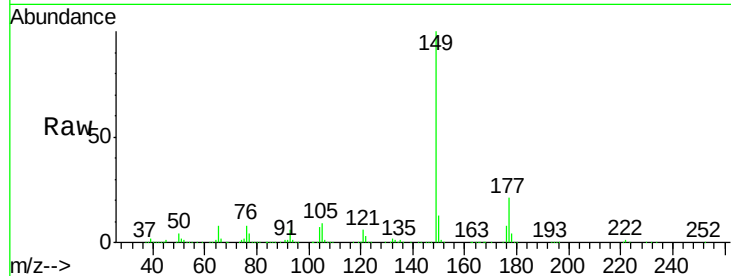
Tgt Ion:149 Resp: 979697

Ion Ratio Lower Upper

149 100

177 21.4 17.8 26.8

150 12.9 10.2 15.4



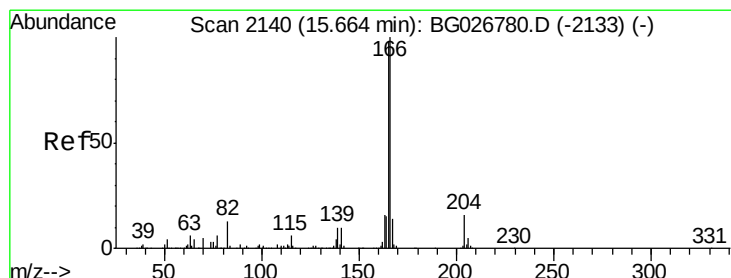
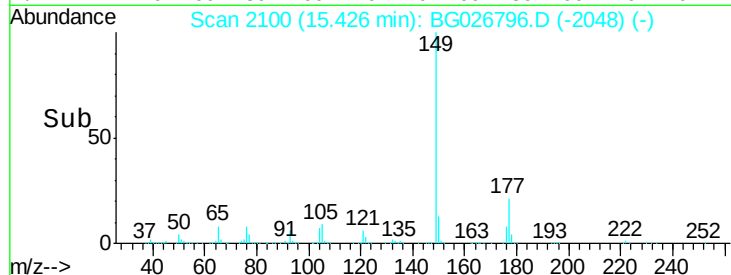
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.43

Time-->



#58

Fluorene

Concen: 19.57 ng/ul

RT: 15.66 min Scan# 2140

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

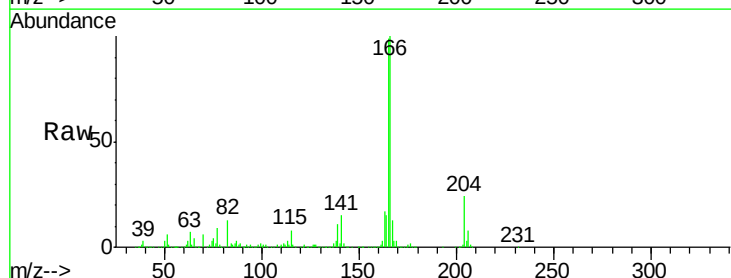
Tgt Ion:166 Resp: 923436

Ion Ratio Lower Upper

166 100

165 98.7 79.7 119.5

167 13.3 11.4 17.2



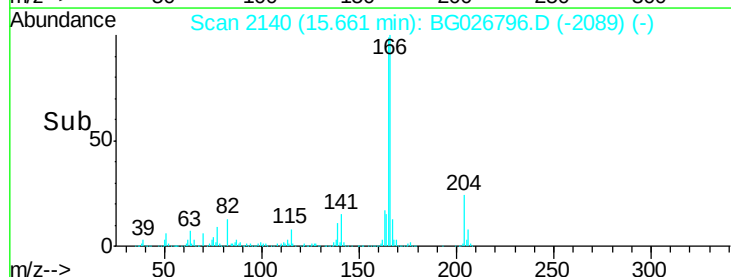
Abundance Ion 166.00 (165.70 to 166.70): E

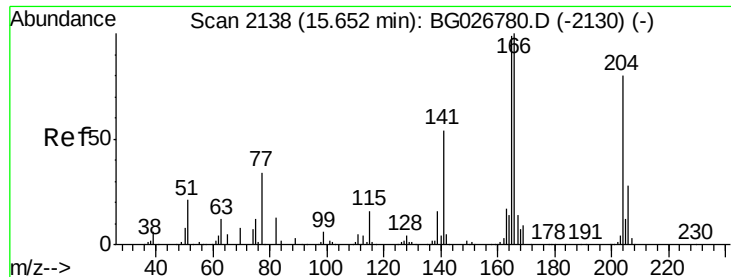
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.66

Time-->

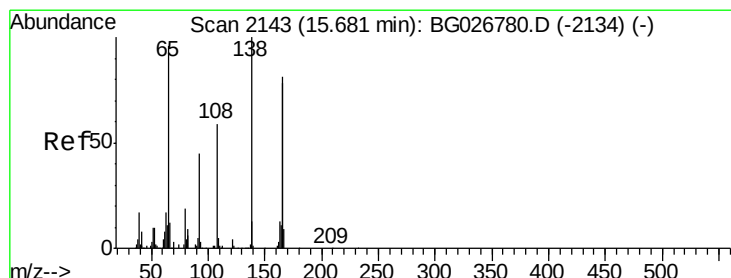
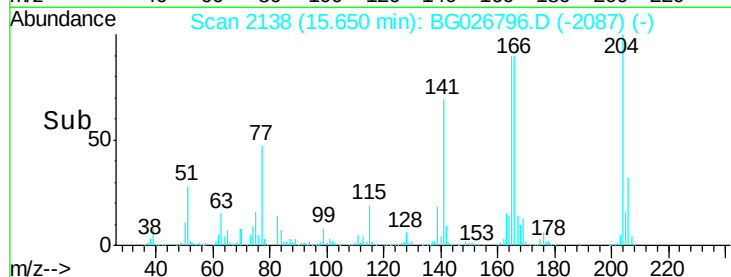
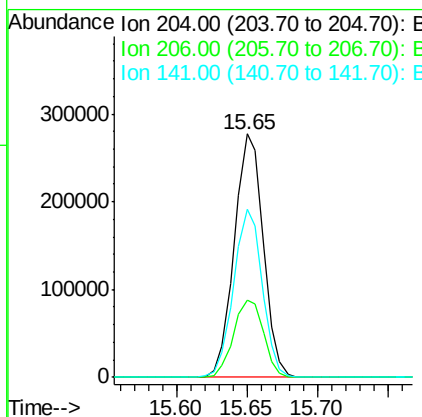
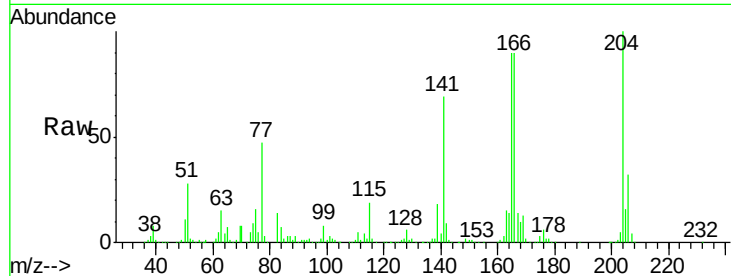




#59
 4-Chlorophenyl-phenylether
 Concen: 19.25 ng/ul
 RT: 15.65 min Scan# 2138
 Delta R.T. -0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

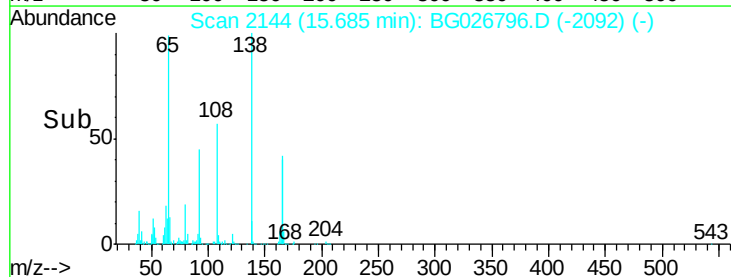
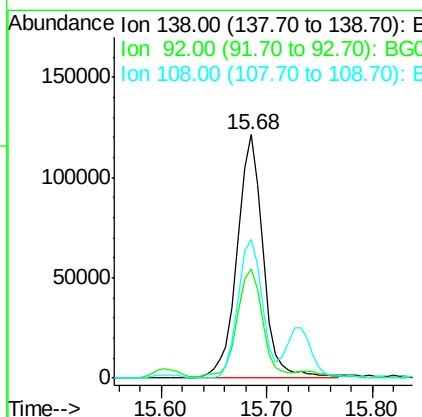
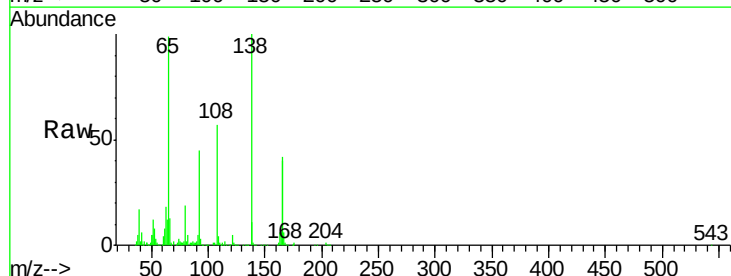
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02066

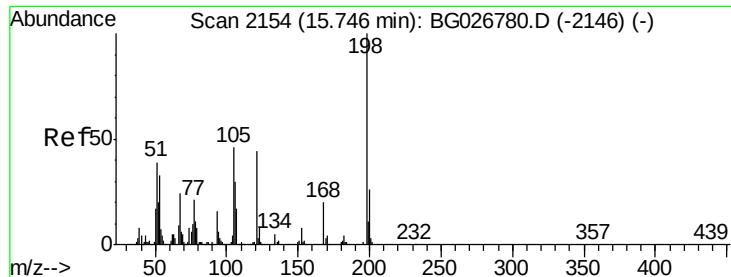
Tgt Ion: 204 Resp: 395926
 Ion Ratio Lower Upper
 204 100
 206 31.9 32.3 48.5#
 141 68.9 57.5 86.3



#60
 4-Nitroaniline
 Concen: 17.72 ng/ul
 RT: 15.68 min Scan# 2144
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion: 138 Resp: 207180
 Ion Ratio Lower Upper
 138 100
 92 44.8 56.9 85.3#
 108 57.0 104.9 157.3#

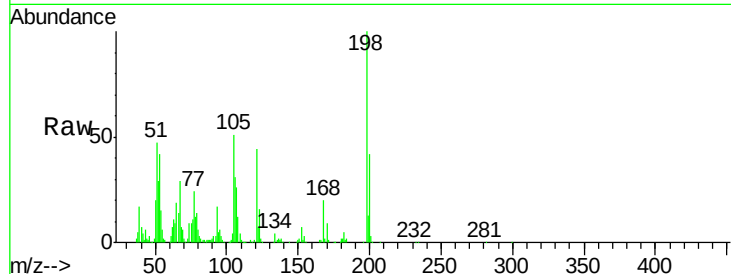




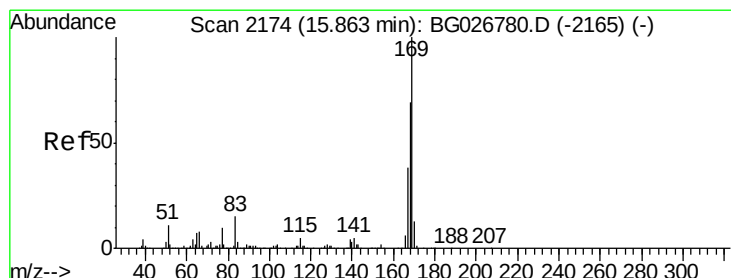
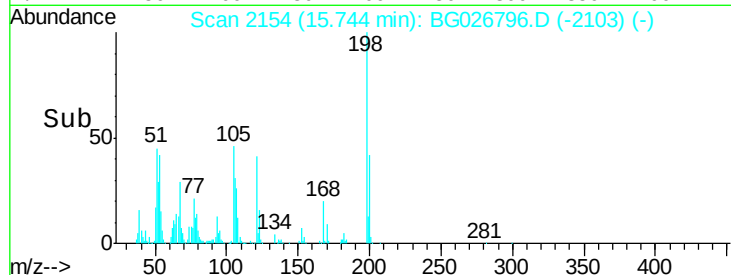
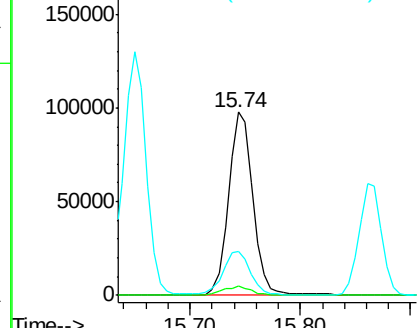
#63
 4,6-Dinitro-2-methylphenol
 Concen: 20.44 ng/ul
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Instrument :
 BNA_M
 ClientSampleId :
 SST02066

Tgt Ion:198 Resp: 150894
 Ion Ratio Lower Upper
 198 100
 182 5.0 5.8 6.4#
 77 23.7 22.1 33.9

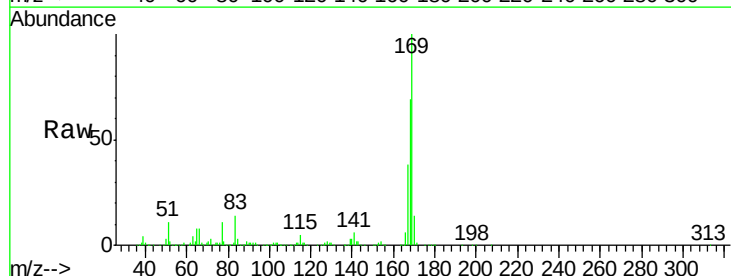


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

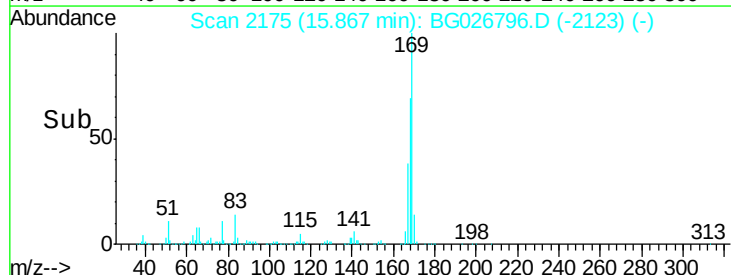
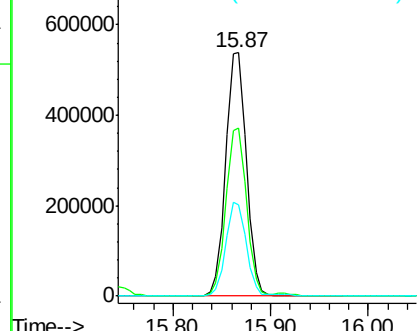


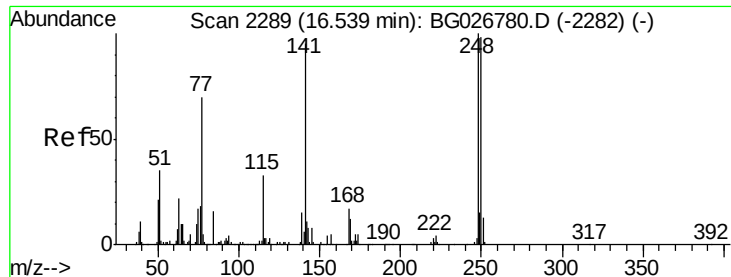
#64
 N-Nitrosodiphenylamine
 Concen: 20.61 ng/ul
 RT: 15.87 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion:169 Resp: 790881
 Ion Ratio Lower Upper
 169 100
 168 69.1 59.1 88.7
 167 37.6 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

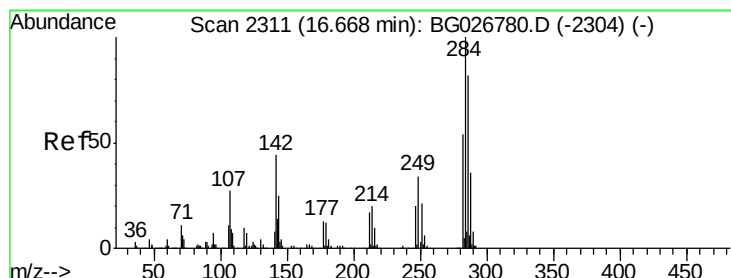
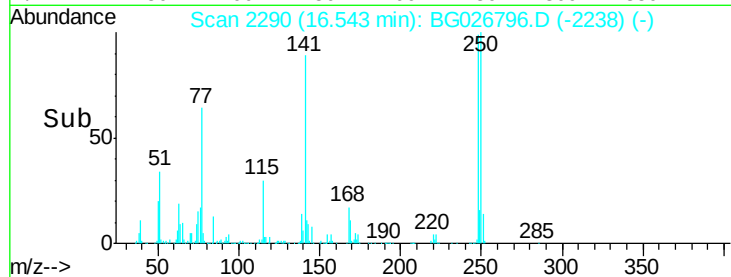
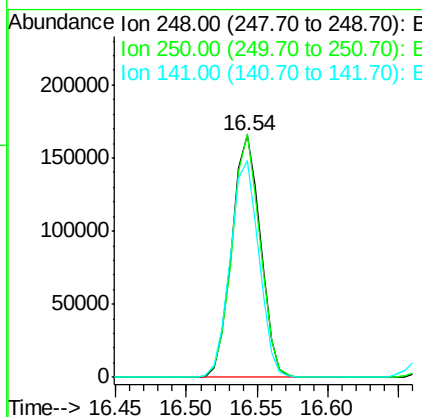
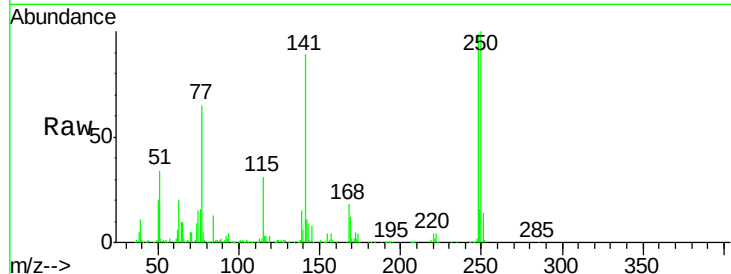




#65
4-Bromophenyl-phenylether
Concen: 20.07 ng/ul
RT: 16.54 min Scan# 2290
Delta R.T. 0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

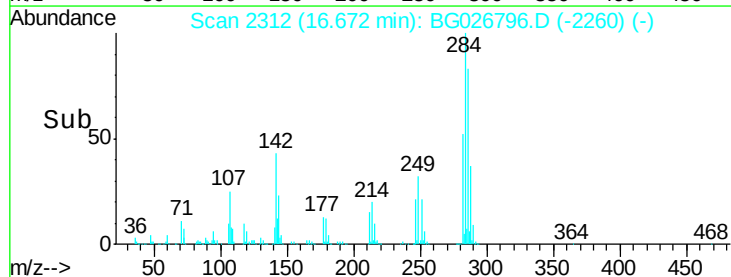
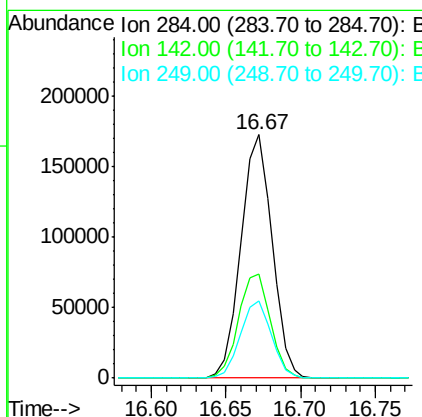
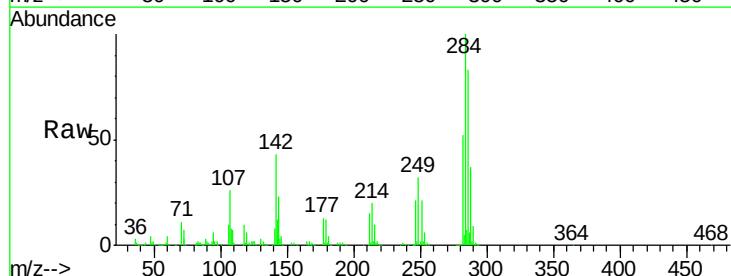
Instrument :
BNA_M
ClientSampleId :
SSTD02066

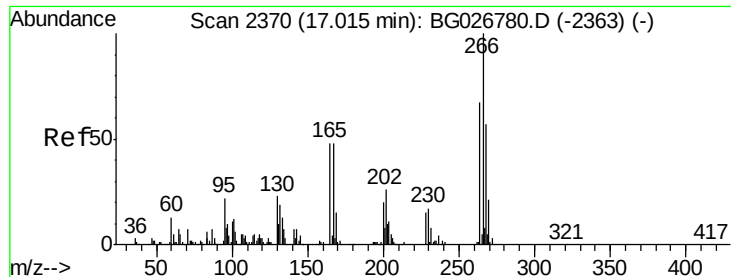
Tgt Ion:248 Resp: 233860
Ion Ratio Lower Upper
248 100
250 100.5 71.9 107.9
141 89.7 53.8 80.8#



#66
Hexachlorobenzene
Concen: 19.92 ng/ul
RT: 16.67 min Scan# 2312
Delta R.T. 0.00 min
Lab File: BG026796.D
Acq: 1 May 2017 6:05

Tgt Ion:284 Resp: 249943
Ion Ratio Lower Upper
284 100
142 43.0 26.1 39.1#
249 31.6 25.9 38.9





#68

Pentachlorophenol

Concen: 21.02 ng/ul

RT: 17.01 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

Instrument :

BNA_M

ClientSampleId :

SSTD02066

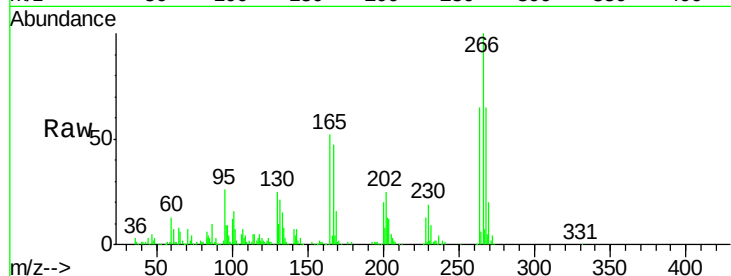
Tgt Ion:266 Resp: 120475

Ion Ratio Lower Upper

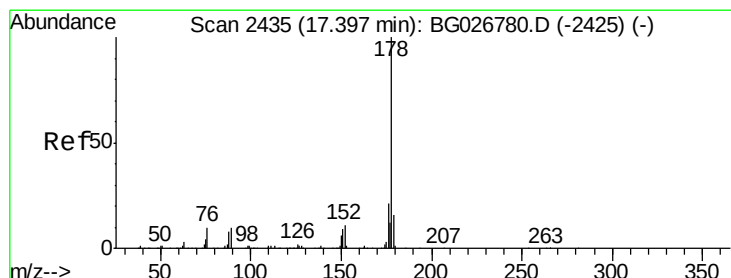
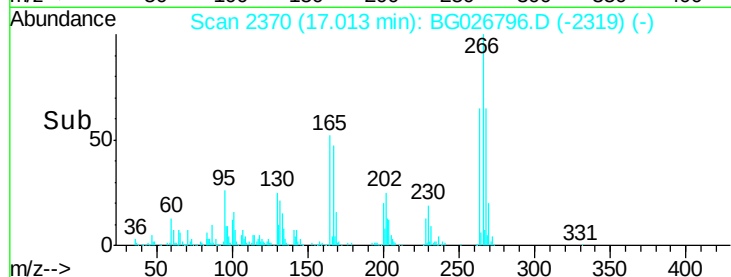
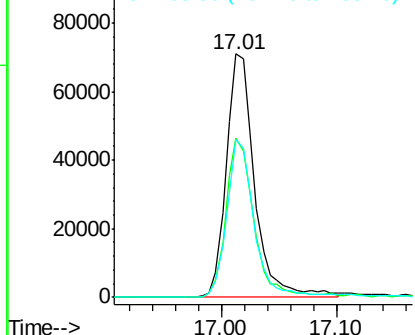
266 100

264 65.1 47.1 70.7

268 64.8 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: 19.93 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG026796.D

Acq: 1 May 2017 6:05

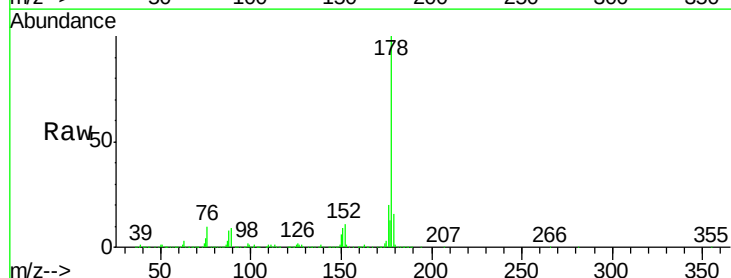
Tgt Ion:178 Resp: 1311005

Ion Ratio Lower Upper

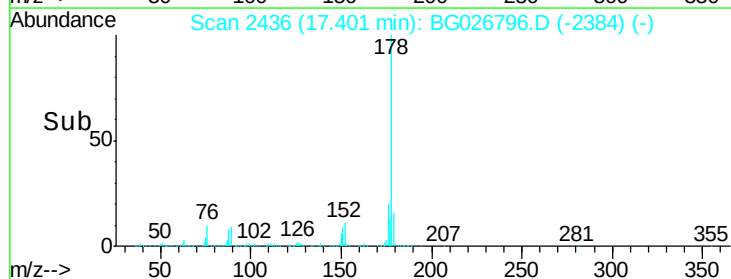
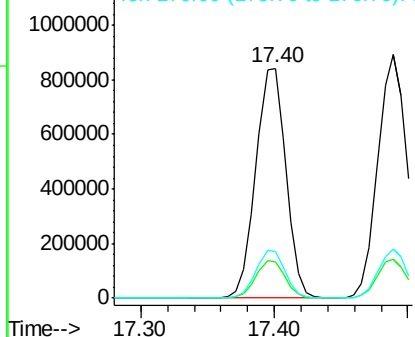
178 100

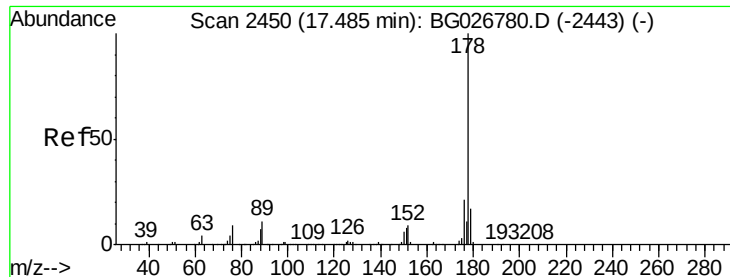
179 15.9 12.4 18.6

176 20.2 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

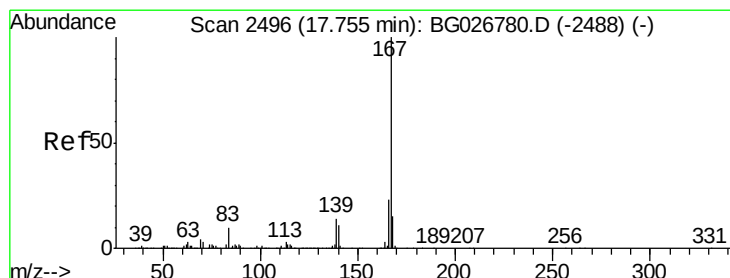
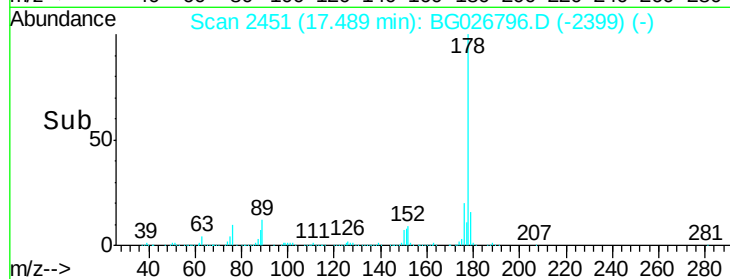
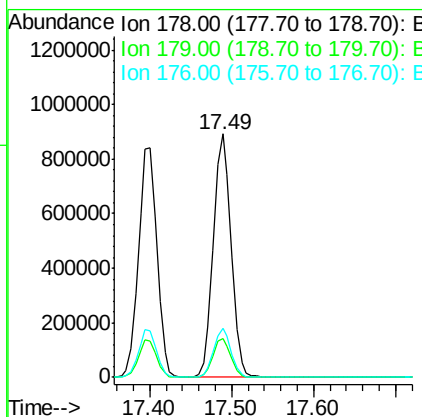
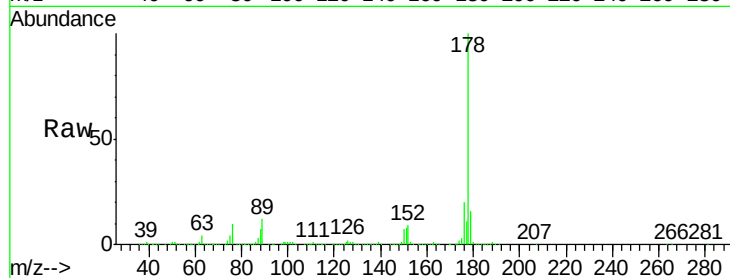




#71
 Anthracene
 Concen: 20.05 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02066

Tgt Ion:178 Resp: 1353137
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.6 19.0
 176 20.3 15.9 23.9



#72
 Carbazole
 Concen: 21.68 ng/ul
 RT: 17.76 min Scan# 2497
 Delta R.T. 0.00 min
 Lab File: BG026796.D
 Acq: 1 May 2017 6:05

Tgt Ion:167 Resp: 1237287
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.9 26.9
 139 13.8 10.5 15.7

