

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
 Data File : BG026178.D
 Acq On : 10 Mar 2017 18:04
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02020

Quant Time: Mar 10 23:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 10 23:28:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	92552	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	404430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	244095	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	620068	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	727422	20.00	ng/ul	0.00
85) Perylene-d12	24.84	264	691840	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.50	96	11858	5.51	ng/uL	0.00
5) Phenol-d5	7.21	99	129389	18.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	86818	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	110319	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	103608	19.27	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	58599	20.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	48783	20.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	115853	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	142595	19.47	ng/ul	0.00
43) Dimethylphthalate-d6	14.07	166	366309	23.07	ng/ul	0.00
46) Acenaphthylene-d8	14.36	160	485574	22.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.85	143	65861	21.06	ng/ul	0.00
57) Fluorene-d10	15.65	176	362352	23.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.76	200	47101	16.19	ng/ul	0.00
70) Anthracene-d10	17.50	188	580897	20.64	ng/ul	0.00
78) Pyrene-d10	19.77	212	660950	22.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.62	264	617024	20.23	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.53	88	12463	5.20	ng/uL#	87
4) Benzaldehyde	7.20	77	97034	22.12	ng/ul	95
6) Phenol	7.24	94	137998	19.36	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	116172	20.08	ng/ul	90
10) 2-Chlorophenol	7.63	128	109144	20.07	ng/ul	93
11) 2-Methylphenol	8.50	108	102623	18.90	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.59	45	134187	19.91	ng/ul#	90
14) Acetophenone	8.88	105	183502	20.81	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	78548	18.89	ng/ul	95
16) 4-Methylphenol	8.82	108	112143	19.04	ng/ul	97
17) Hexachloroethane	9.15	117	47086	20.88	ng/ul	95
20) Nitrobenzene	9.26	77	126548	20.45	ng/ul	98
21) Isophorone	9.78	82	231560	19.82	ng/ul	96
23) 2-Nitrophenol	9.97	139	53313	20.90	ng/ul#	91
24) 2,4-Dimethylphenol	10.02	107	111851	19.49	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.26	93	150884	19.79	ng/ul	97
27) 2,4-Dichlorophenol	10.51	162	109886	20.91	ng/ul	96
28) Naphthalene	10.92	128	401562	20.38	ng/ul	99
30) 4-Chloroaniline	11.02	127	143991	20.55	ng/ul	98
31) Hexachlorobutadiene	11.20	225	75252	19.80	ng/ul	98
32) Caprolactam	11.75	113	33218	17.58	ng/ul#	73
33) 4-Chloro-3-methylphenol	12.13	107	105652	20.58	ng/ul#	83
34) 2-Methylnaphthalene	12.51	142	309338	21.00	ng/ul	99

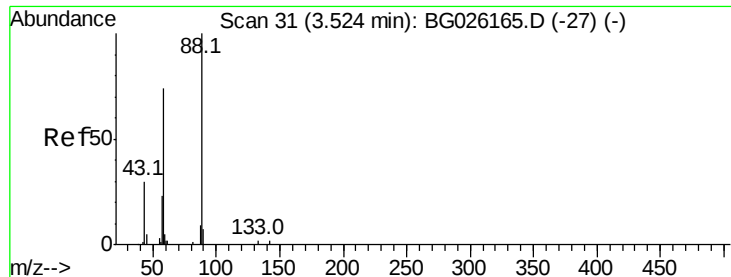
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031017\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.87	216	153539	22.25	ng/ul	97
37) Hexachlorocyclopentadiene	12.86	237	68504	18.87	ng/ul	99
38) 2,4,6-Trichlorophenol	13.11	196	81782	22.80	ng/ul	99
39) 2,4,5-Trichlorophenol	13.18	196	91602	23.77	ng/ul	96
40) 1,1'-Biphenyl	13.51	154	404814	22.56	ng/ul	98
41) 2-Chloronaphthalene	13.55	162	295457	22.09	ng/ul	93
42) 2-Nitroaniline	13.74	65	65104	21.36	ng/ul	93
44) Dimethylphthalate	14.11	163	350156	22.51	ng/ul	99
45) 2,6-Dinitrotoluene	14.23	165	75148	23.65	ng/ul	98
47) Acenaphthylene	14.39	152	490141	22.81	ng/ul	97
48) 3-Nitroaniline	14.56	138	78785	22.36	ng/ul#	90
49) Acenaphthene	14.73	153	350133	23.24	ng/ul	96
50) 2,4-Dinitrophenol	14.76	184	22736	15.36	ng/ul#	90
52) 4-Nitrophenol	14.86	109	40000	22.15	ng/ul#	64
53) Dibenzofuran	15.06	168	490835	23.27	ng/ul	89
54) 2,4-Dinitrotoluene	15.02	165	116944	24.59	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.29	232	82577	23.97	ng/ul	92
56) Diethylphthalate	15.47	149	359143	23.54	ng/ul	97
58) Fluorene	15.71	166	410042	23.41	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.70	204	188613	22.56	ng/ul#	87
60) 4-Nitroaniline	15.71	138	89864	21.87	ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.78	198	51015	16.22	ng/ul#	88
64) N-Nitrosodiphenylamine	15.90	169	335893	19.71	ng/ul	96
65) 4-Bromophenyl-phenylether	16.59	248	127168	19.85	ng/ul#	83
66) Hexachlorobenzene	16.72	284	138423	19.70	ng/ul	90
67) Atrazine	16.84	200	114799	18.66	ng/ul	95
68) Pentachlorophenol	17.05	266	59669	16.66	ng/ul	98
69) Phenanthrene	17.44	178	684676	20.83	ng/ul	98
71) Anthracene	17.53	178	697242	21.05	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	147499	19.88	ng/uL	99
73) Pentachlorobenzene	14.99	250	146984	19.32	ng/uL	99
74) Carbazole	17.79	167	638088	21.46	ng/ul	96
75) Di-n-butylphthalate	18.35	149	615270	20.44	ng/ul	100
76) Fluoranthene	19.44	202	823412	22.22	ng/ul	99
79) Pvrene	19.80	202	834513	22.50	ng/ul	99
80) Butylbenzylphthalate	20.68	149	186274	15.34	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.53	252	166433	13.25	ng/ul	99
82) Benzo(a)anthracene	21.63	228	813028	20.42	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	319628	16.87	ng/ul#	99
84) Chrysene	21.69	228	782264	20.54	ng/ul	97
86) Di-n-octyl phthalate	22.73	149	552716	17.84	ng/ul	98
87) Benzo(b)fluoranthene	23.82	252	795748	20.74	ng/ul	99
88) Benzo(k)fluoranthene	23.89	252	809896	21.67	ng/ul	99
90) Benzo(a)pyrene	24.69	252	785815	20.84	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.46	276	922140	20.29	ng/ul	93
92) Dibenzo(a,h)anthracene	28.52	278	757847	20.21	ng/ul	99
93) Benzo(g,h,i)perylene	29.60	276	774214	20.51	ng/ul	98

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



#2

1,4-Dioxane

Concen: 5.20 ng/uL

RT: 3.53 min Scan# 74

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

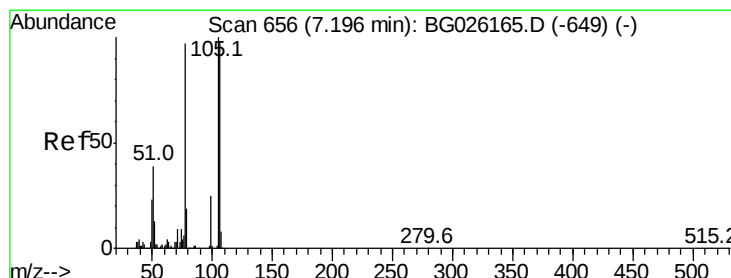
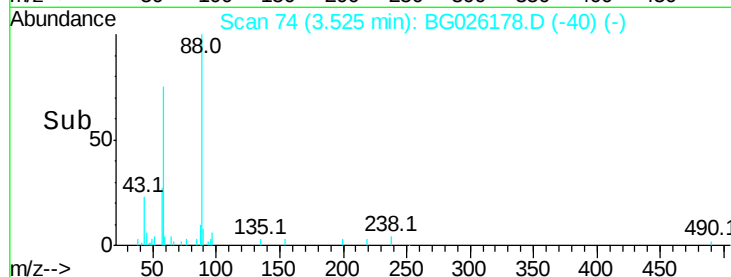
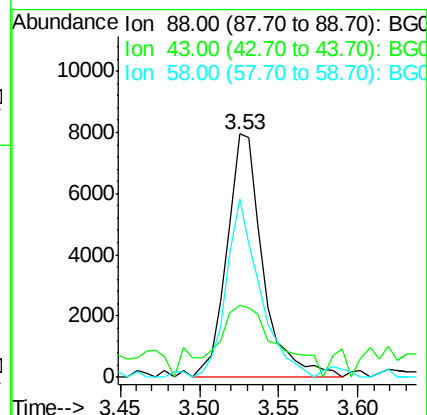
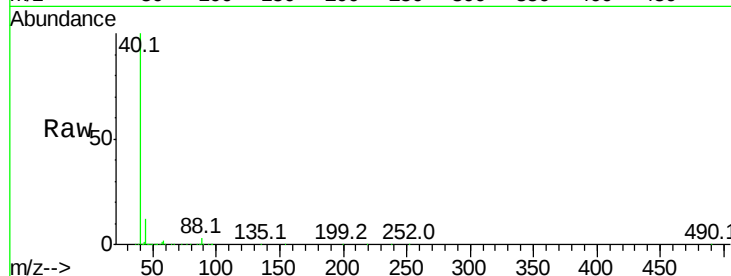
Tot Ion: 88 Resp: 12463

Ion Ratio Lower Upper

88 100

43 35.3 21.0 31.6#

58 68.3 47.8 71.8



#4

Benzaldehyde

Concen: 22.12 ng/uL

RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

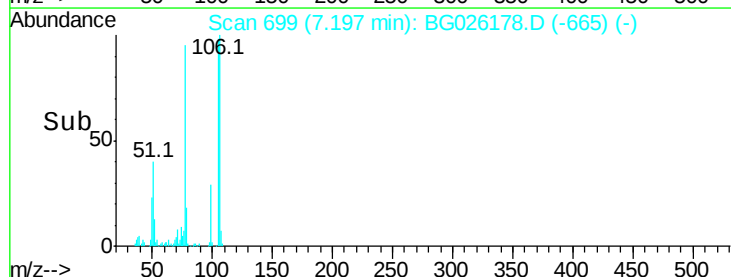
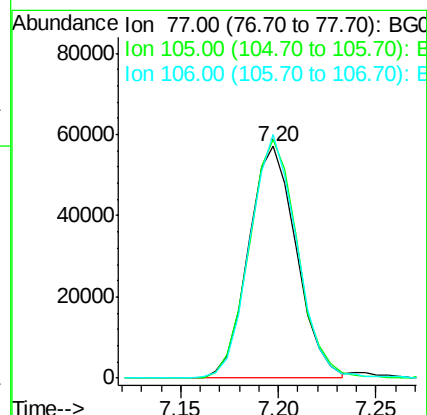
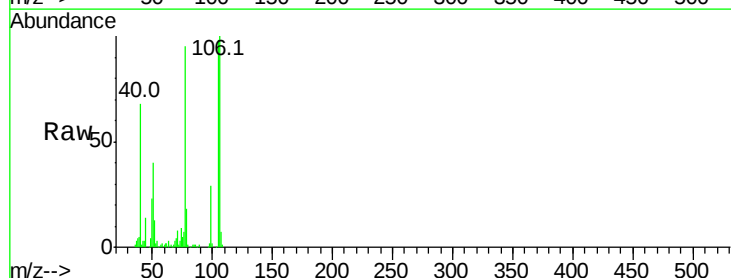
Tgt Ion: 77 Resp: 97034

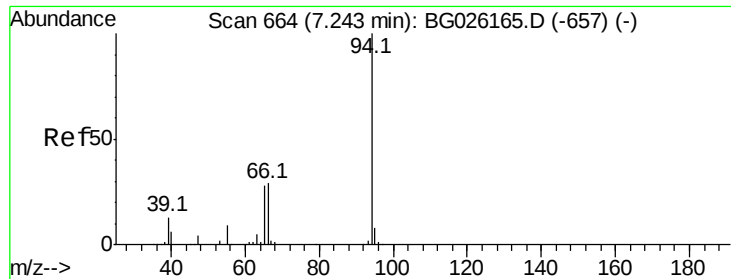
Ion Ratio Lower Upper

77 100

105 103.1 80.6 120.8

106 105.1 77.7 116.5





#6

Phenol

Concen: 19.36 ng/ul

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

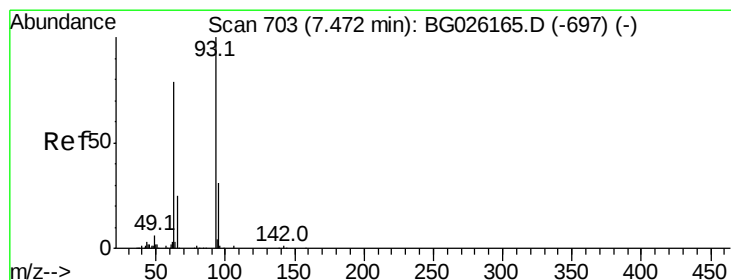
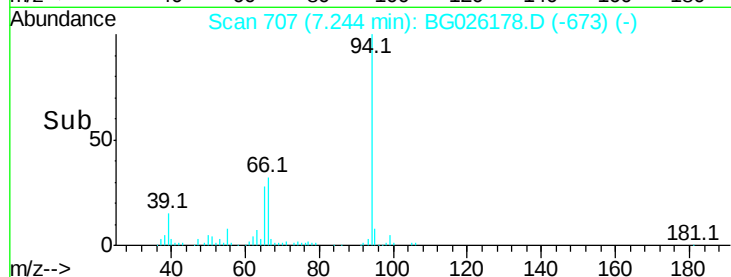
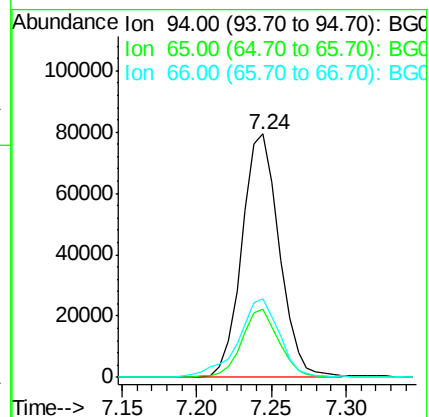
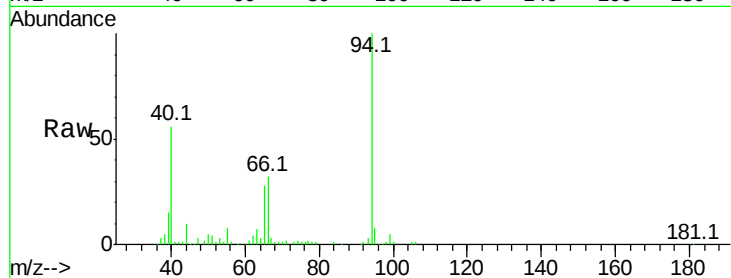
Tot Ion: 94 Resp: 137998

Ion Ratio Lower Upper

94 100

65 28.2 21.0 31.6

66 32.4 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 20.08 ng/ul

RT: 7.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

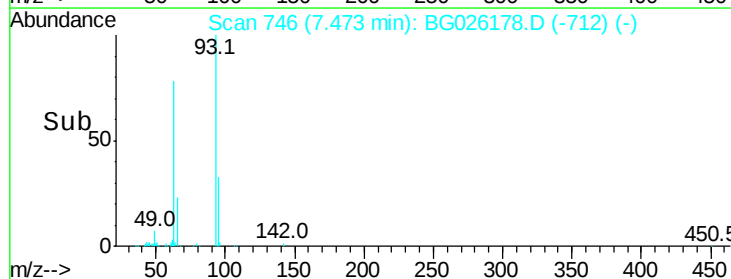
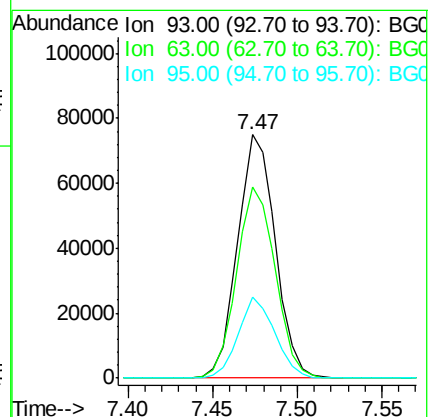
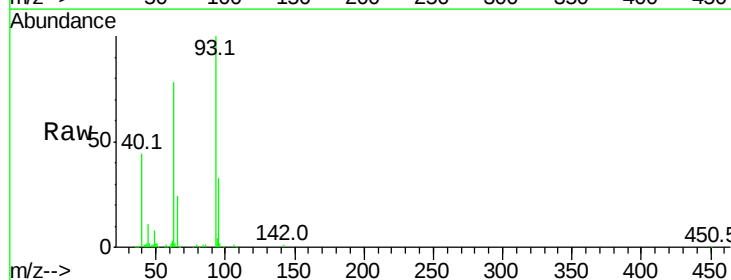
Tgt Ion: 93 Resp: 116172

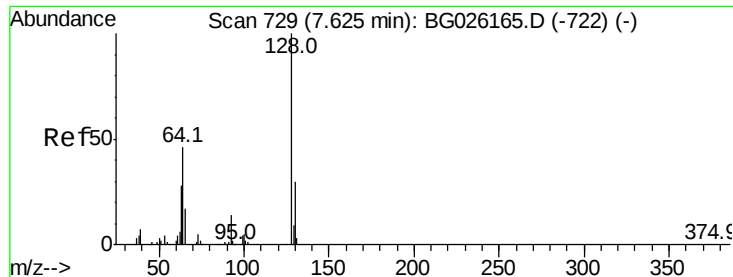
Ion Ratio Lower Upper

93 100

63 78.3 53.5 80.3

95 33.2 26.2 39.2

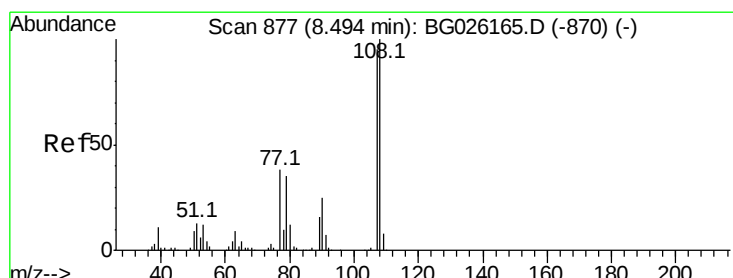
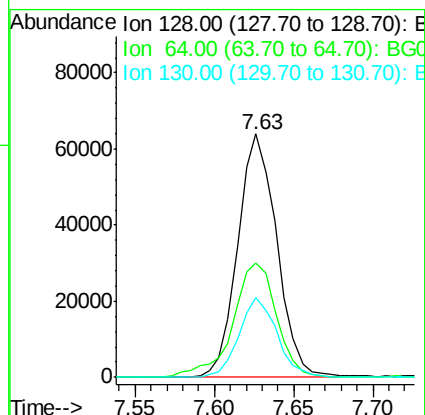
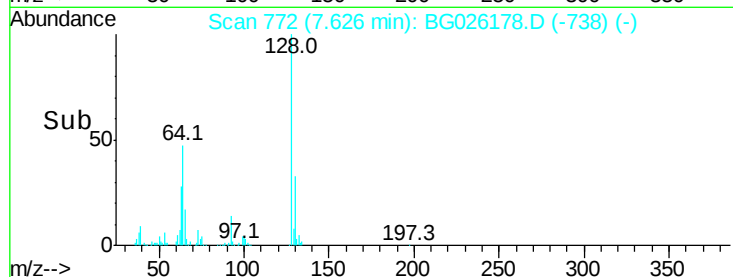
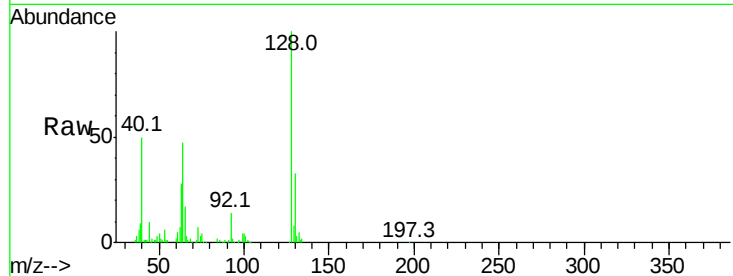




#10
2-Chlorophenol
Concen: 20.07 ng/ul
RT: 7.63 min Scan# 772
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

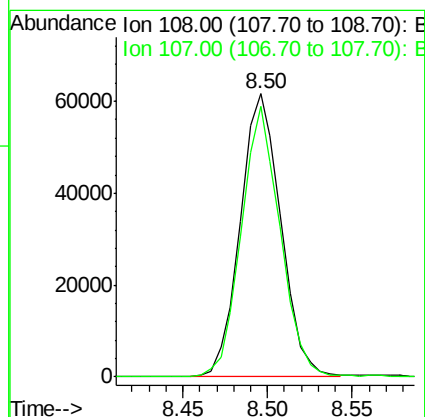
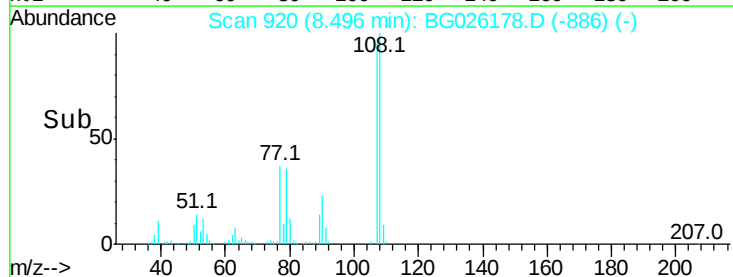
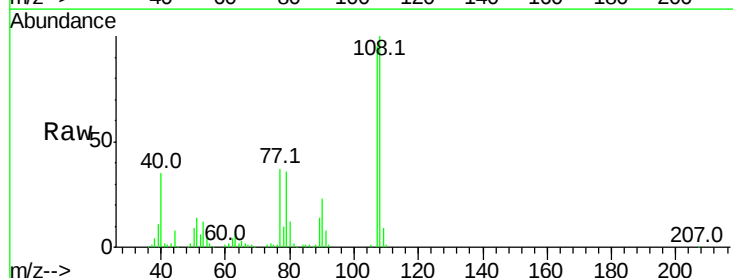
Instrument :
BNA_G
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SSTD02020

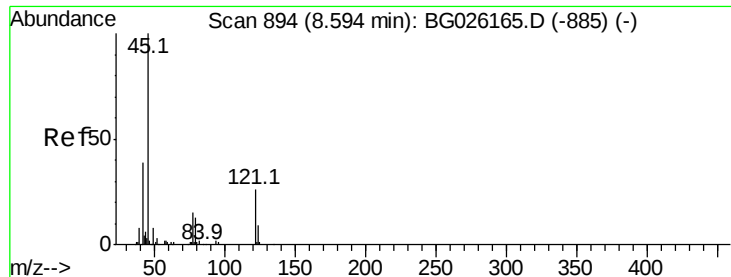
Tot Ion:128 Resp: 109144
Ion Ratio Lower Upper
128 100
64 47.0 31.9 47.9
130 32.7 25.6 38.4



#11
2-Methylphenol
Concen: 18.90 ng/ul
RT: 8.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:108 Resp: 102623
Ion Ratio Lower Upper
108 100
107 95.4 72.4 108.6

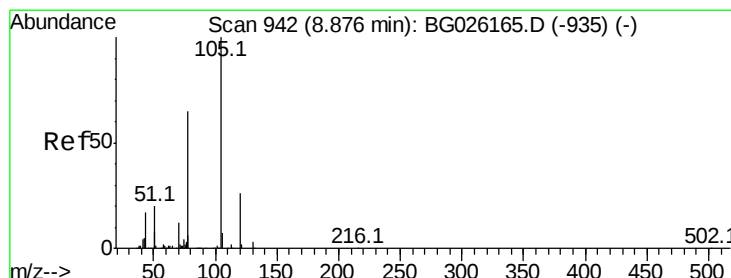
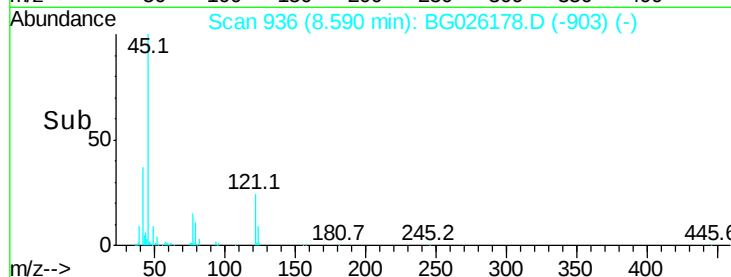
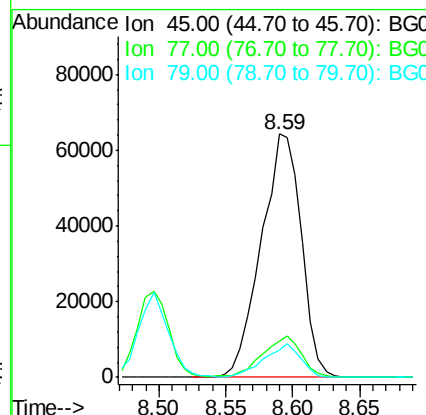
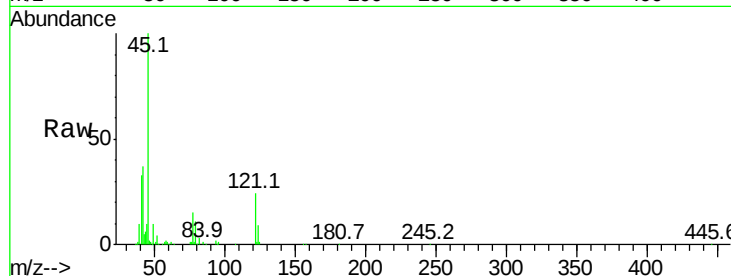




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.91 ng/ul
RT: 8.59 min Scan# 936
Delta R.T. -0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

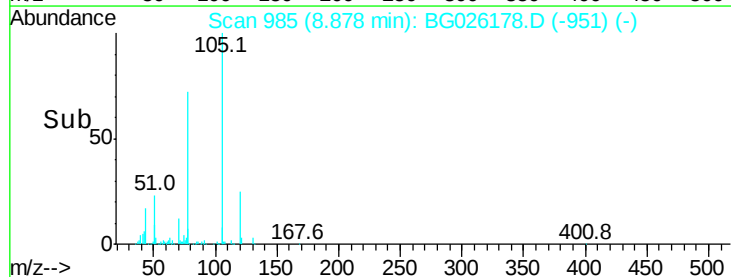
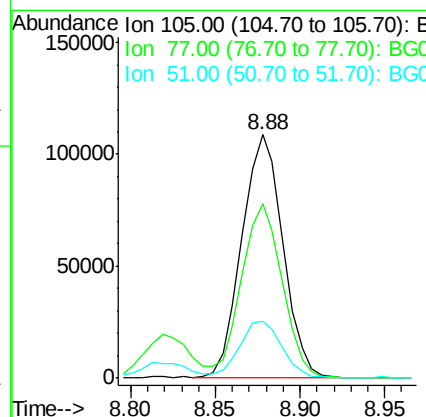
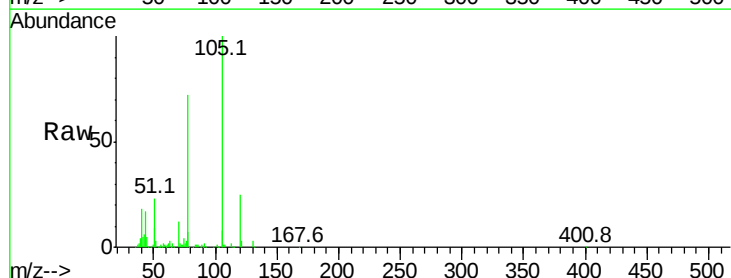
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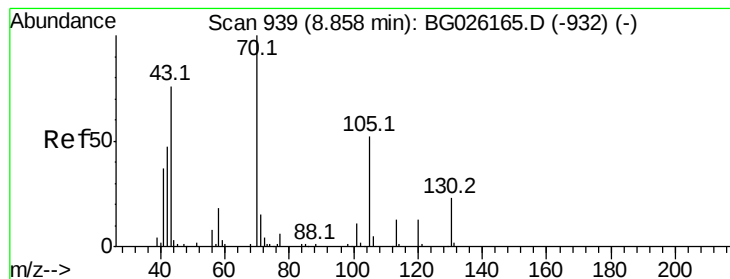
Tot Ion: 45 Resp: 134187
Ion Ratio Lower Upper
45 100
77 15.1 15.9 23.9#
79 11.3 12.5 18.7#



#14
Acetophenone
Concen: 20.81 ng/ul
RT: 8.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:105 Resp: 183502
Ion Ratio Lower Upper
105 100
77 71.9 59.0 88.4
51 23.4 16.4 24.6





#15

N-Nitroso-di-n-propylamine

Concen: 18.89 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

Tot Ion: 70 Resp: 78548

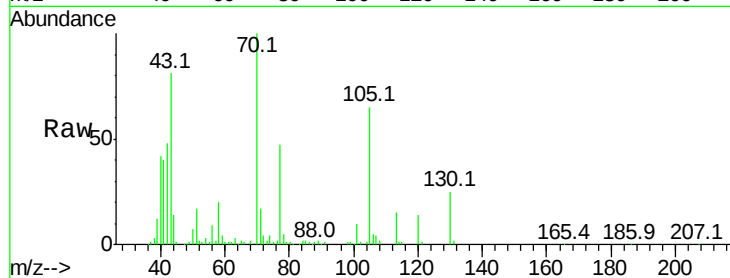
Ion Ratio Lower Upper

70 100

42 47.5 35.4 53.0

101 10.0 8.4 12.6

130 25.4 18.2 27.4

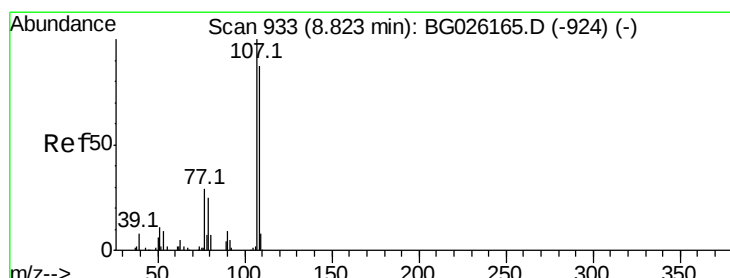
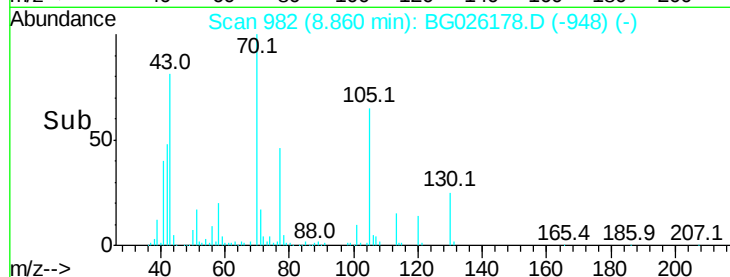
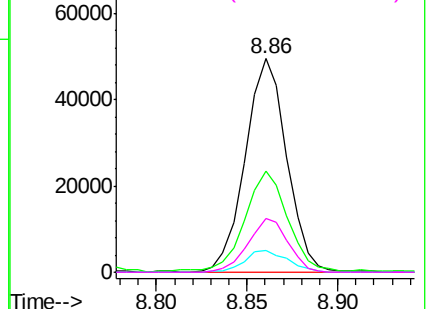


Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.04 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BG026178.D

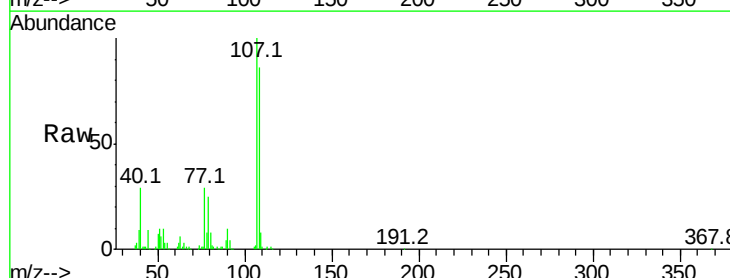
Acq: 10 Mar 2017 18:04

Tgt Ion:108 Resp: 112143

Ion Ratio Lower Upper

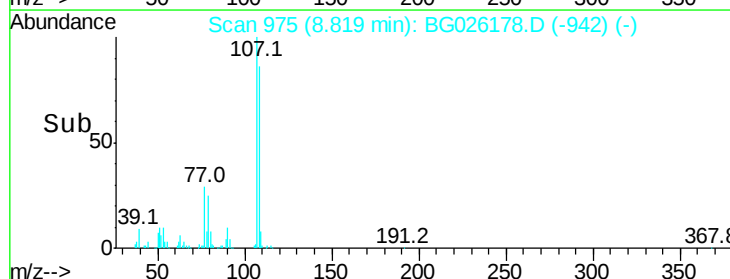
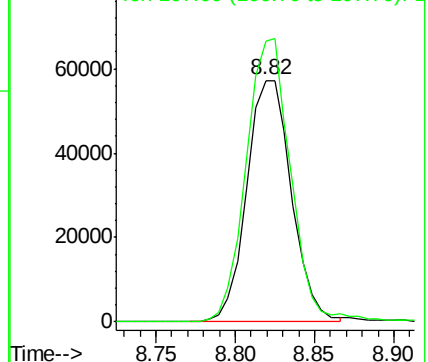
108 100

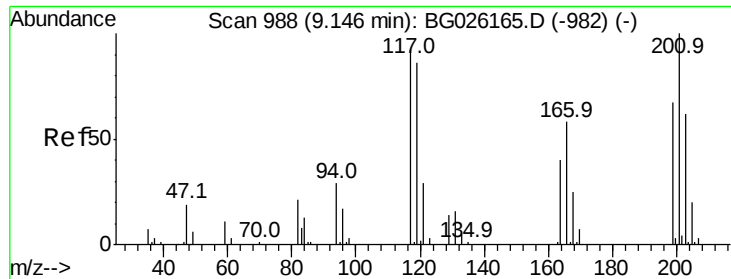
107 116.1 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

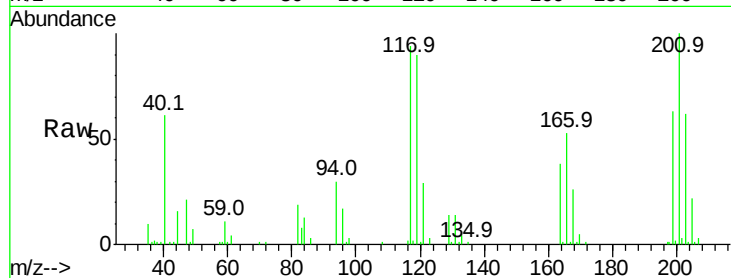




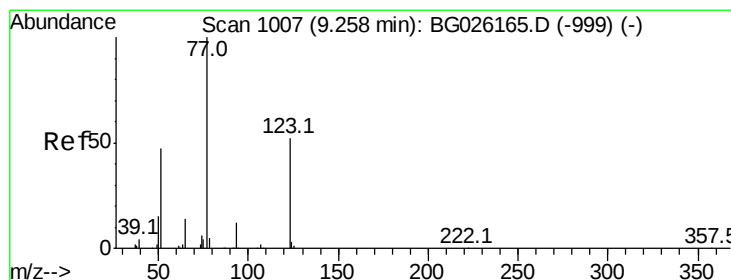
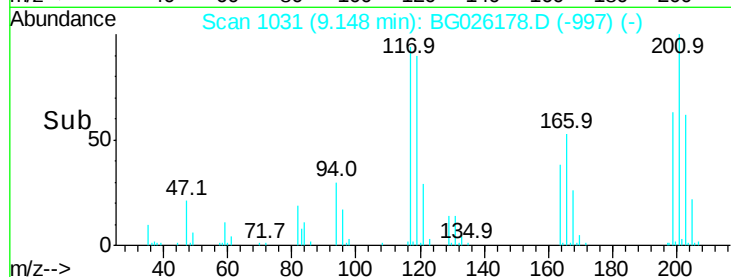
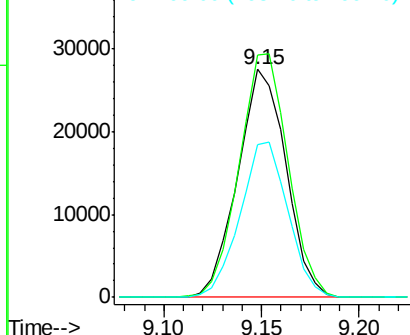
#17
 Hexachloroethane
 Concen: 20.88 ng/ul
 RT: 9.15 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: BG026178.D
 Acq: 10 Mar 2017 18:04

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02020

Tot Ion:117 Resp: 47086
 Ion Ratio Lower Upper
 117 100
 201 106.5 81.5 122.3
 199 67.3 50.6 76.0

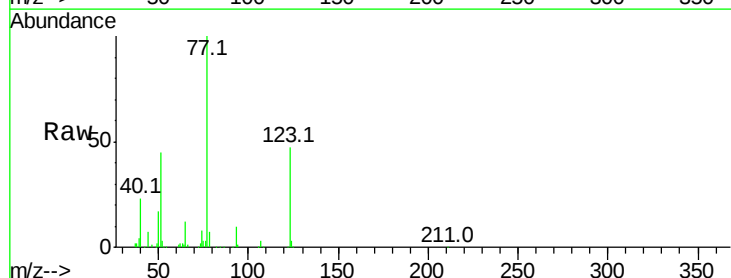


Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 201.00 (200.70 to 201.70): E
 Ion 199.00 (198.70 to 199.70): E

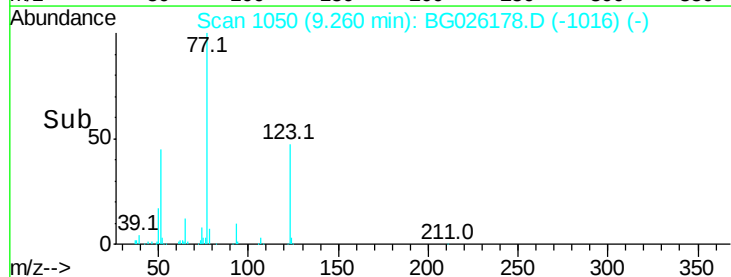
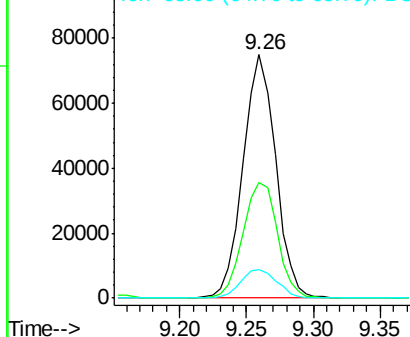


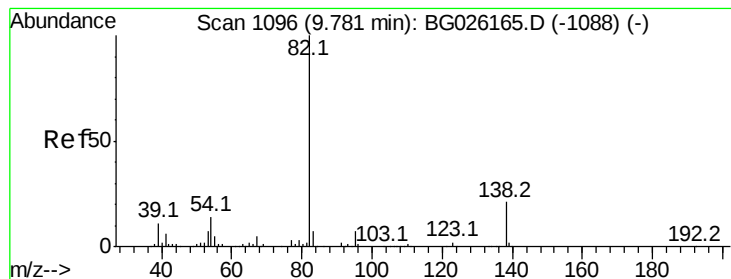
#20
 Nitrobenzene
 Concen: 20.45 ng/ul
 RT: 9.26 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BG026178.D
 Acq: 10 Mar 2017 18:04

Tgt Ion: 77 Resp: 126548
 Ion Ratio Lower Upper
 77 100
 123 47.3 39.0 58.4
 65 11.6 10.4 15.6



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: 19.82 ng/ul

RT: 9.78 min Scan# 1139

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

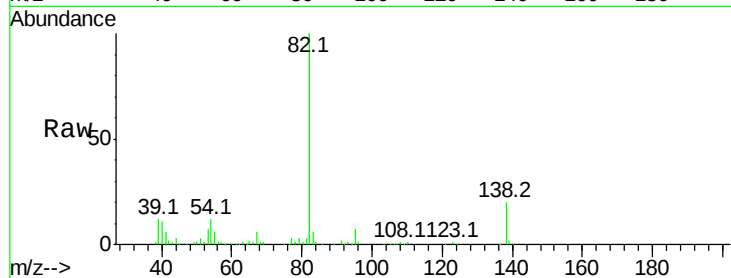
Tot Ion: 82 Resp: 231560

Ion Ratio Lower Upper

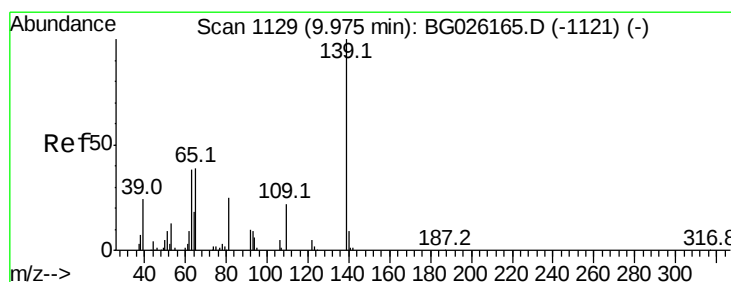
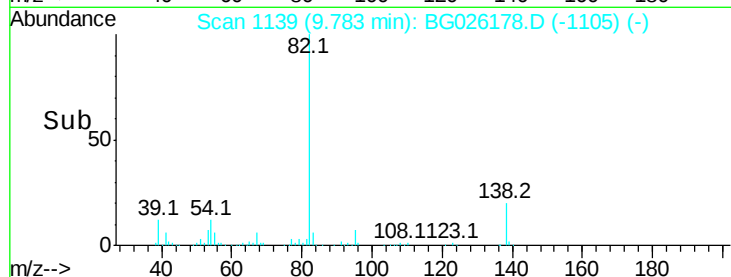
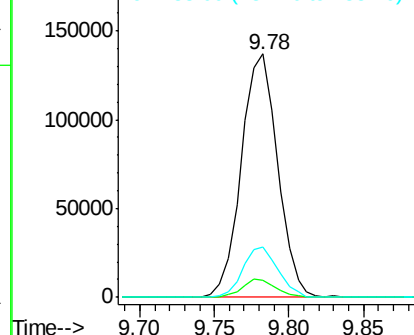
82 100

95 7.0 6.4 9.6

138 20.5 14.9 22.3



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: 20.90 ng/ul

RT: 9.97 min Scan# 1171

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

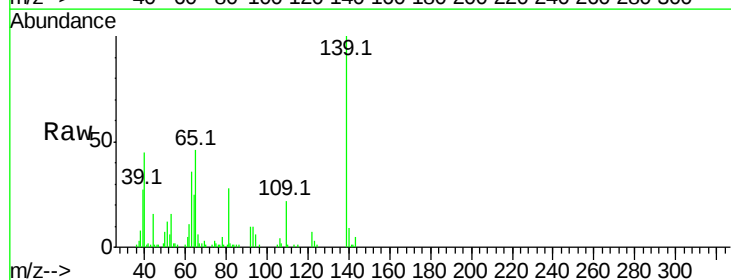
Tgt Ion: 139 Resp: 53313

Ion Ratio Lower Upper

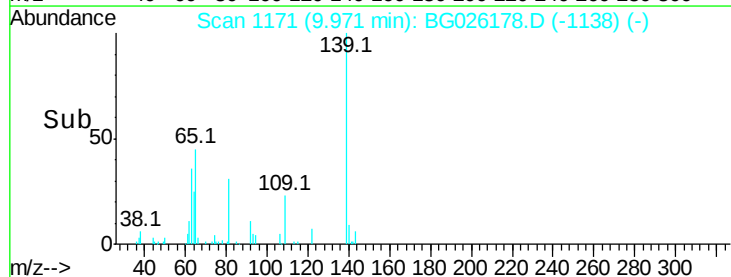
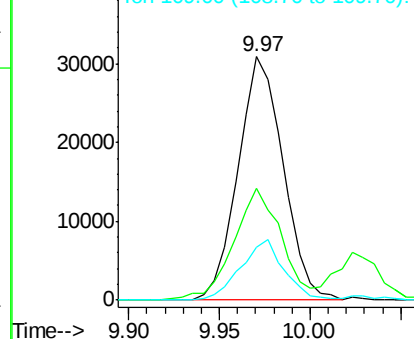
139 100

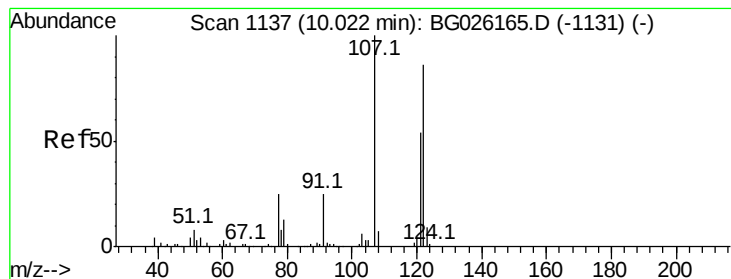
65 46.0 36.3 54.5

109 21.8 26.4 39.6#



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





#24

2,4-Dimethylphenol

Concen: 19.49 ng/ul

RT: 10.02 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

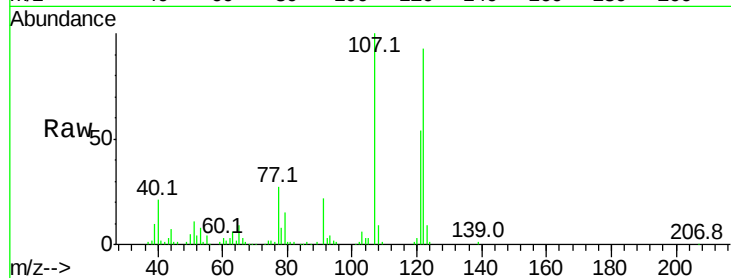
Tot Ion:107 Resp: 111851

Ion Ratio Lower Upper

107 100

121 54.0 40.6 61.0

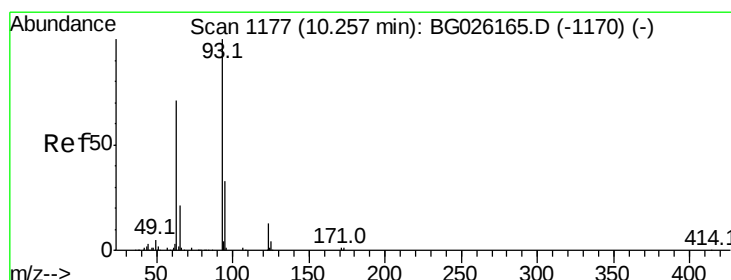
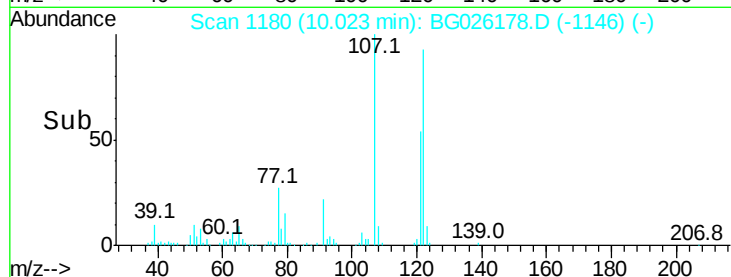
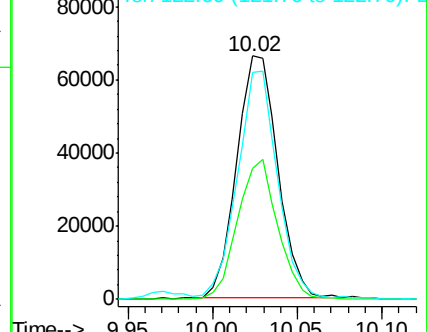
122 93.2 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.79 ng/ul

RT: 10.26 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

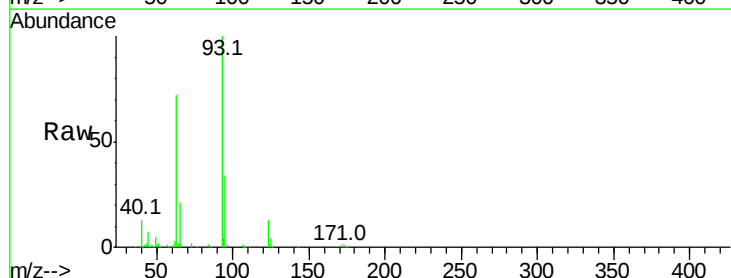
Tgt Ion: 93 Resp: 150884

Ion Ratio Lower Upper

93 100

95 34.5 25.8 38.8

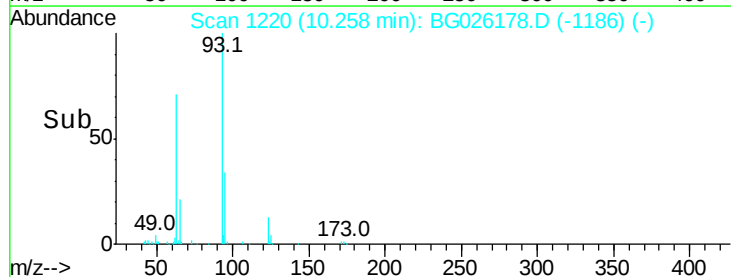
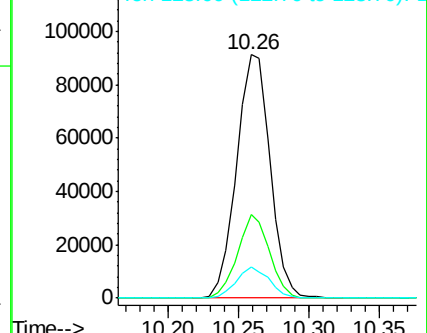
123 12.9 9.8 14.8

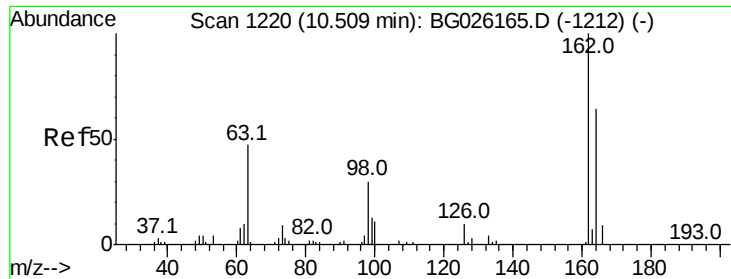


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): BGC





#27

2,4-Dichlorophenol

Concen: 20.91 ng/ul

RT: 10.51 min Scan# 1262

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

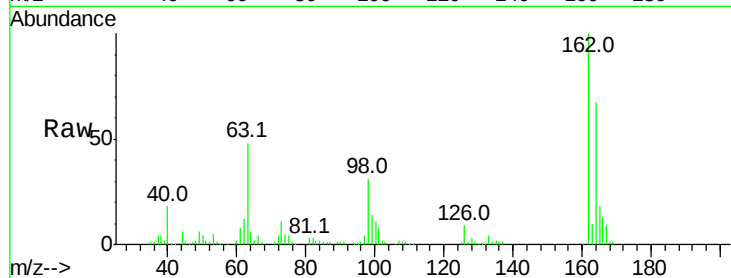
Tot Ion:162 Resp: 109886

Ion Ratio Lower Upper

162 100

164 66.9 52.1 78.1

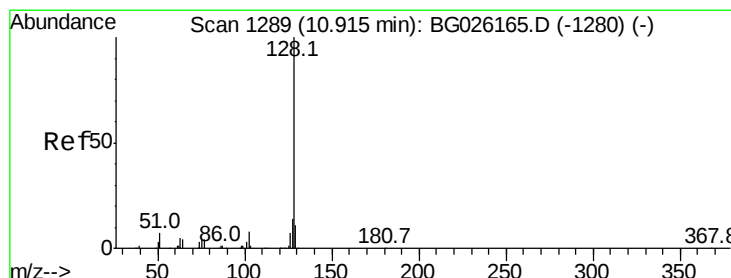
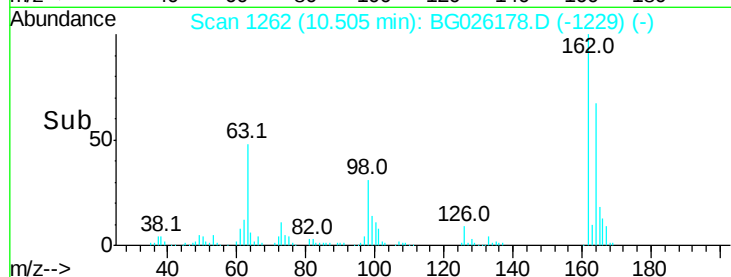
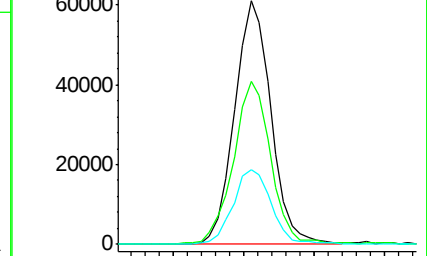
98 30.6 28.4 42.6



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#28

Naphthalene

Concen: 20.38 ng/ul

RT: 10.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

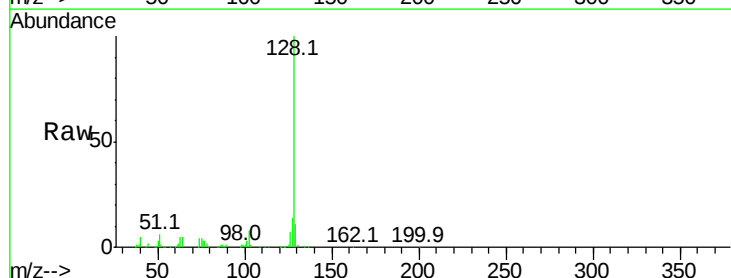
Tgt Ion:128 Resp: 401562

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

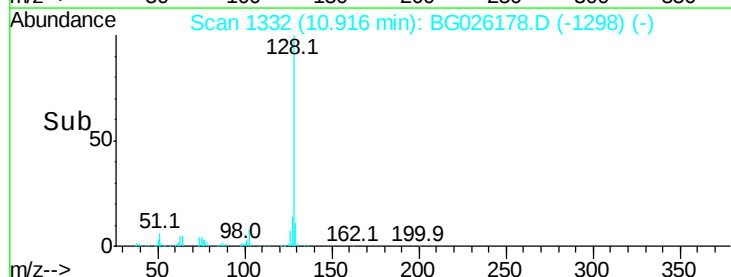
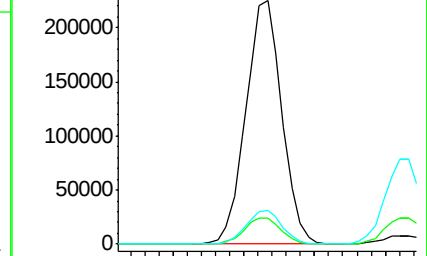
127 13.8 10.5 15.7

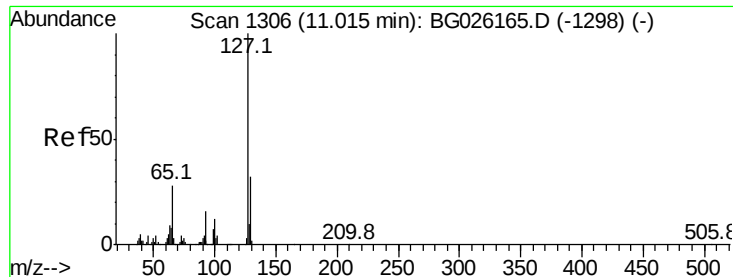


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

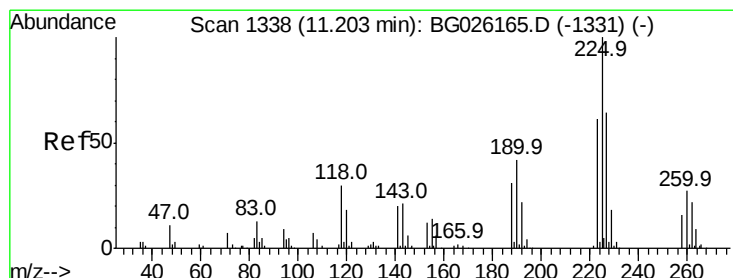
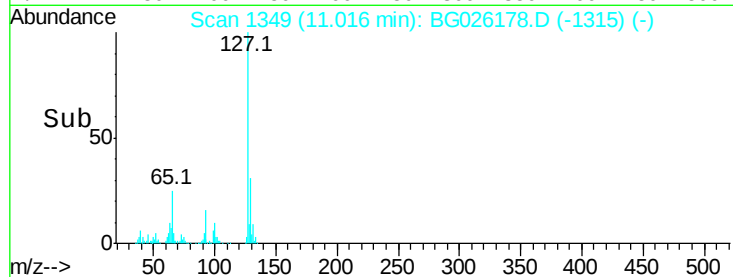
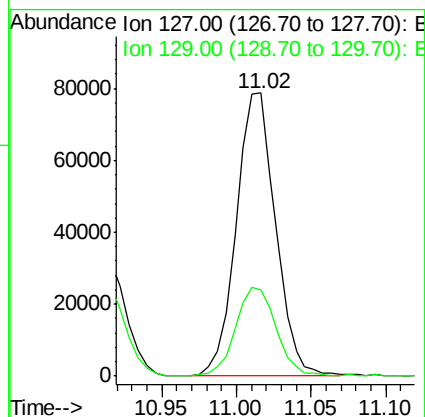
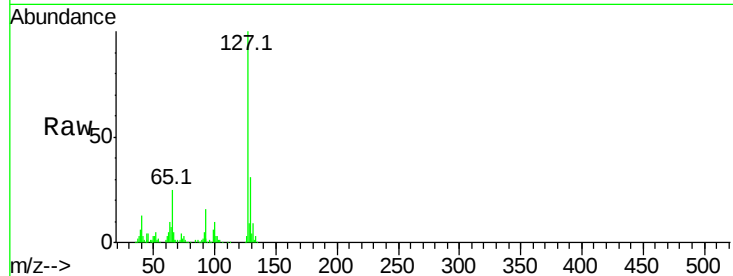




#30
4-Chloroaniline
Concen: 20.55 ng/ul
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

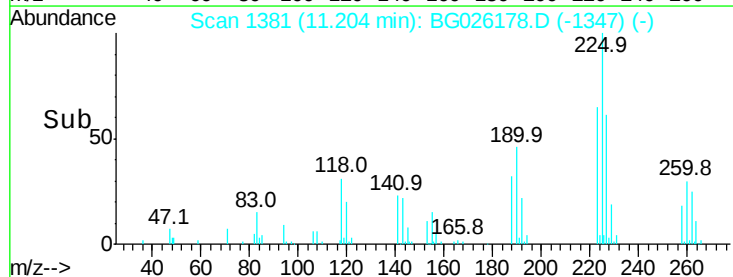
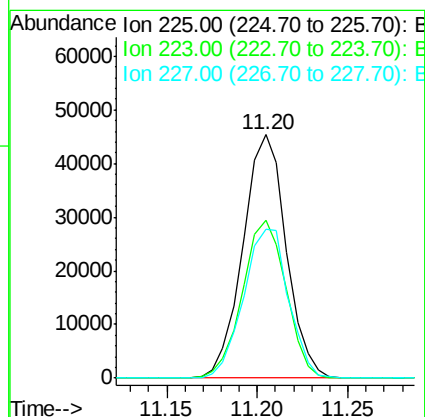
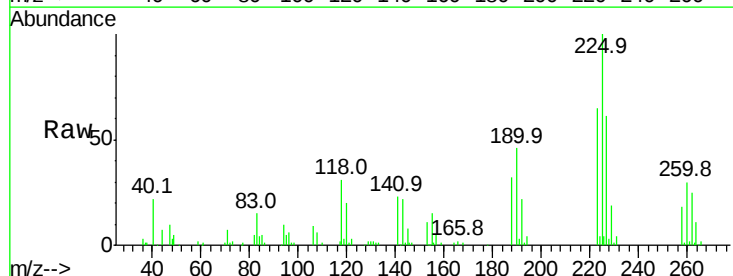
Instrument :
BNA_G
ClientSampleId :
SSTD02020

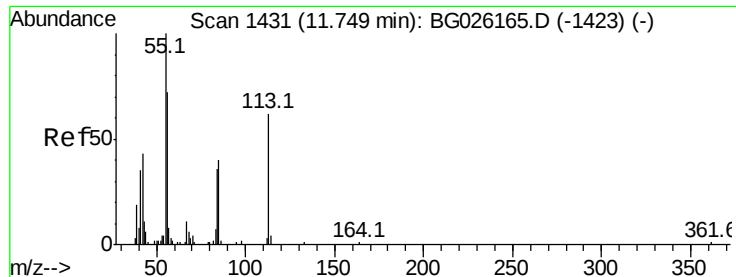
Tot Ion:127 Resp: 143991
Ion Ratio Lower Upper
127 100
129 30.6 25.4 38.2



#31
Hexachlorobutadiene
Concen: 19.80 ng/ul
RT: 11.20 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:225 Resp: 75252
Ion Ratio Lower Upper
225 100
223 64.6 51.4 77.2
227 61.3 50.7 76.1





#32

Caprolactam

Concen: 17.58 ng/ul

RT: 11.75 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

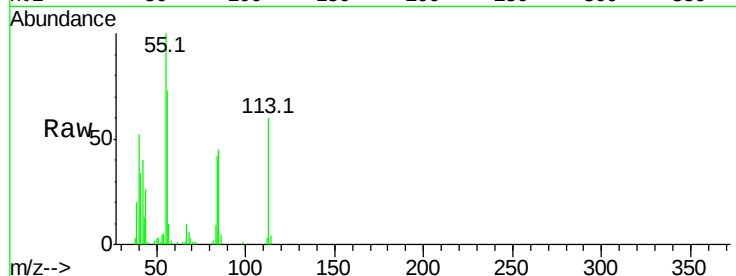
Tot Ion:113 Resp: 33218

Ion Ratio Lower Upper

113 100

55 166.3 101.9 152.9#

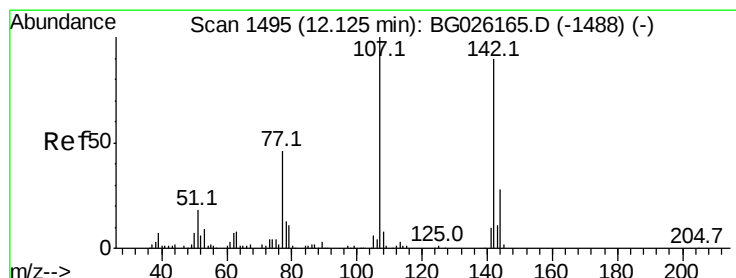
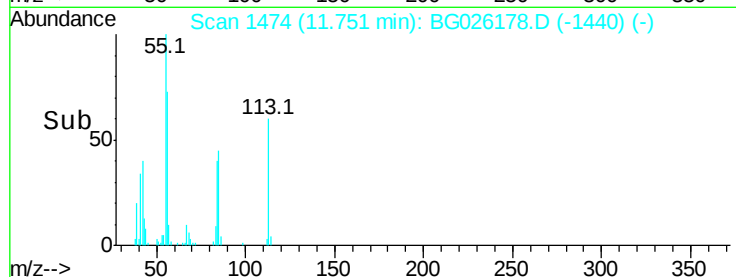
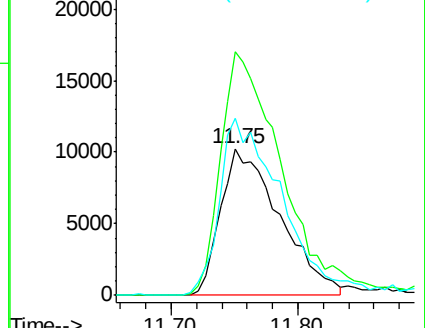
56 121.1 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#33

4-Chloro-3-methylphenol

Concen: 20.58 ng/ul

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

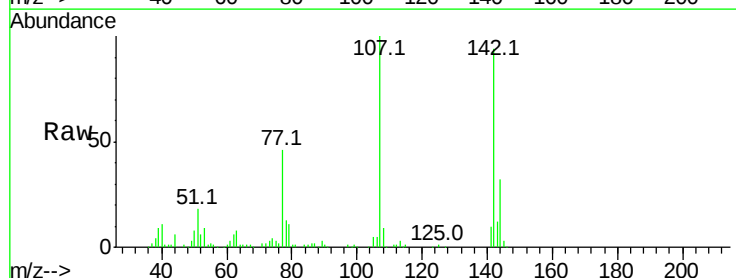
Tgt Ion:107 Resp: 105652

Ion Ratio Lower Upper

107 100

144 31.9 20.4 30.6#

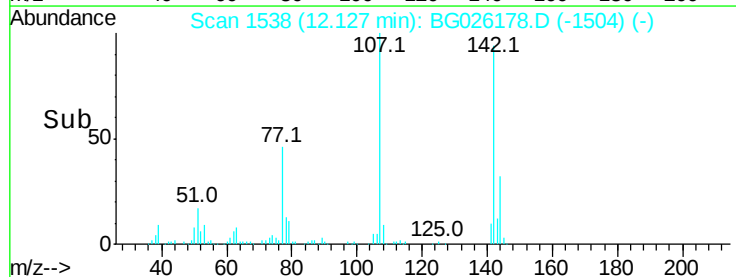
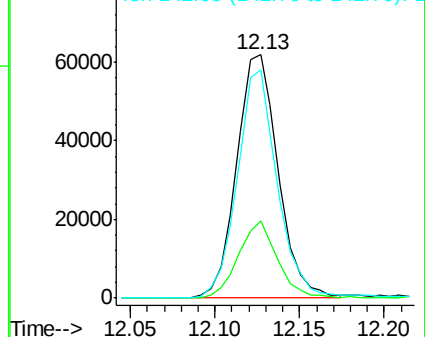
142 93.9 62.5 93.7#

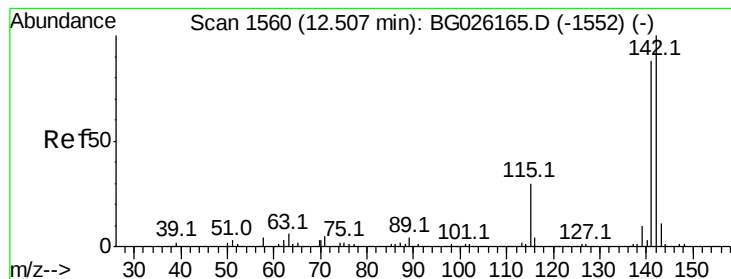


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.00 ng/ul

RT: 12.51 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

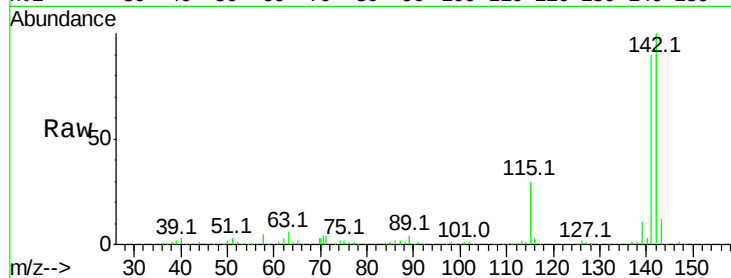
SSTD02020

Tot Ion:142 Resp: 309338

Ion Ratio Lower Upper

142 100

141 90.3 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

200000

150000

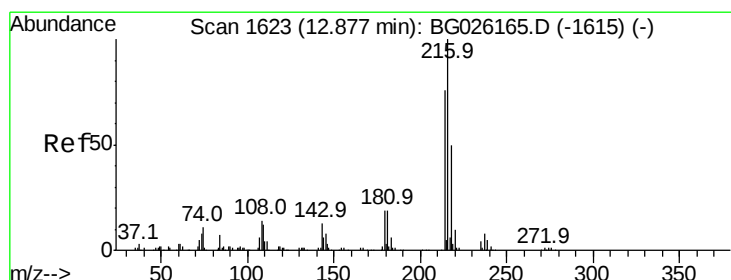
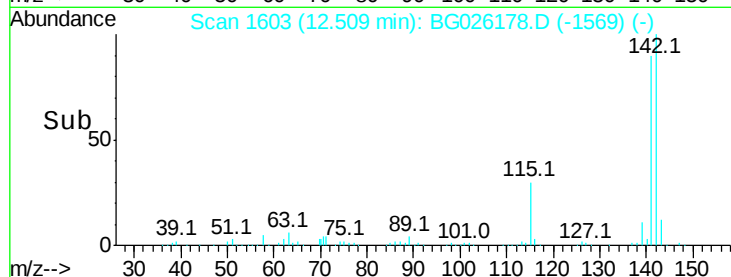
100000

50000

0

12.45 12.50 12.55 12.60

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.25 ng/ul

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Tgt Ion:216 Resp: 153539

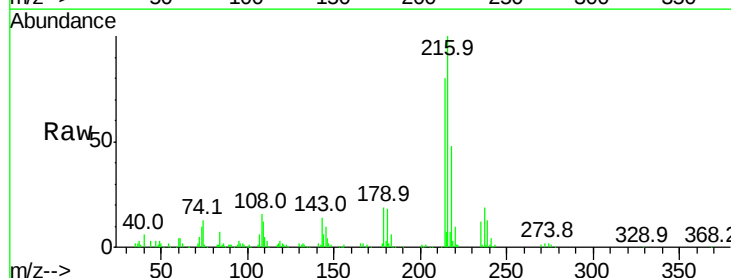
Ion Ratio Lower Upper

216 100

214 80.0 62.5 93.7

179 19.5 18.2 27.2

108 16.3 14.2 21.2



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

150000

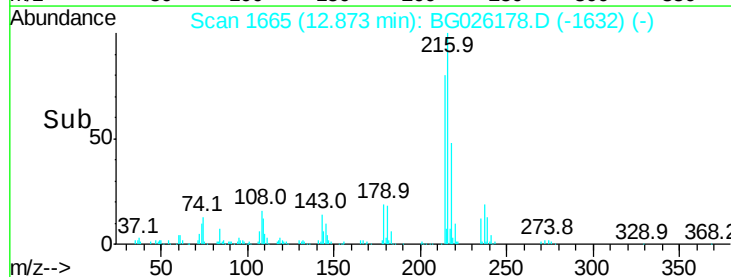
100000

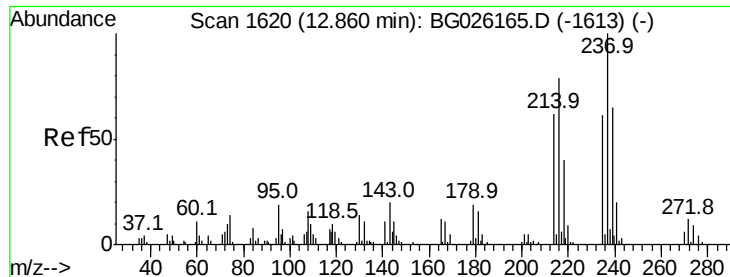
50000

0

12.80 12.85 12.90 12.95

Time-->





#37

Hexachlorocyclopentadiene

Concen: 18.87 ng/ul

RT: 12.86 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

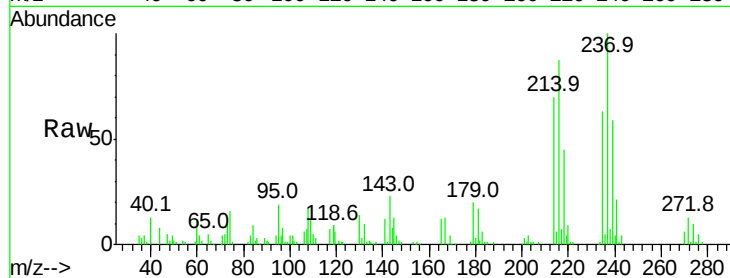
Tot Ion:237 Resp: 68504

Ion Ratio Lower Upper

237 100

235 63.1 50.4 75.6

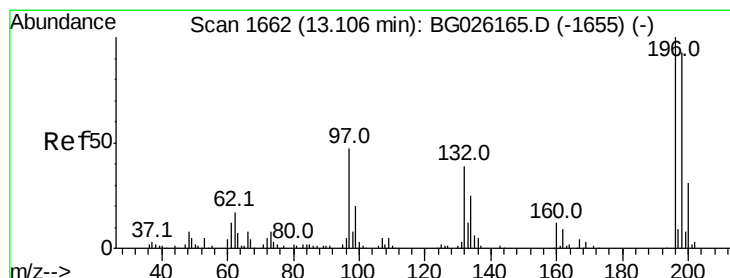
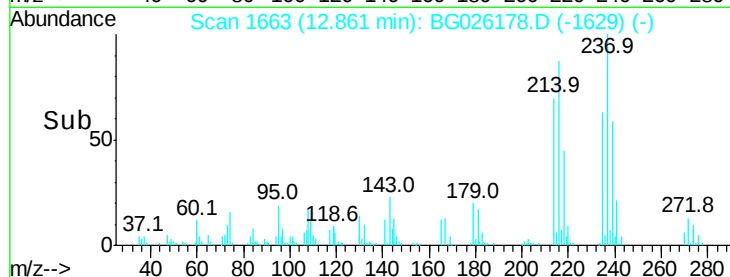
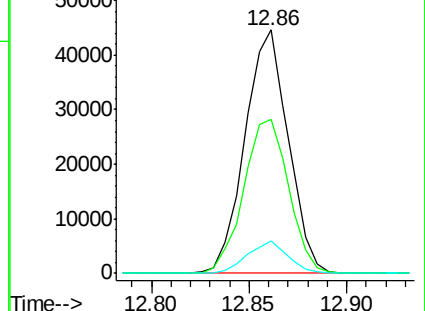
272 13.3 9.6 14.4



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: 22.80 ng/ul

RT: 13.11 min Scan# 1705

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

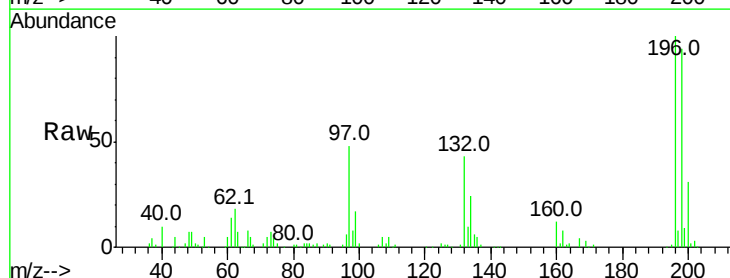
Tgt Ion:196 Resp: 81782

Ion Ratio Lower Upper

196 100

198 93.8 76.6 114.8

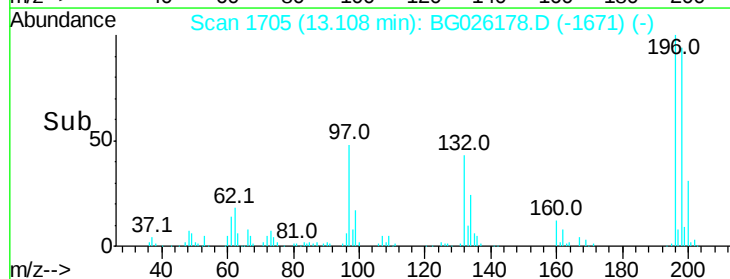
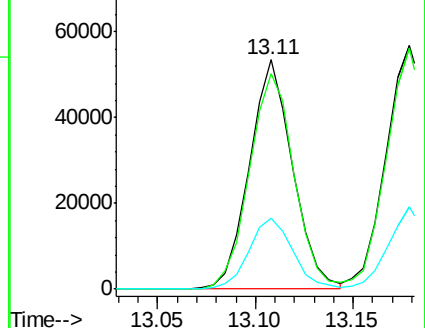
200 30.8 24.7 37.1

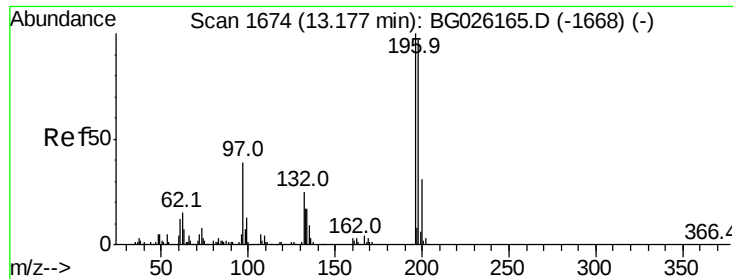


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

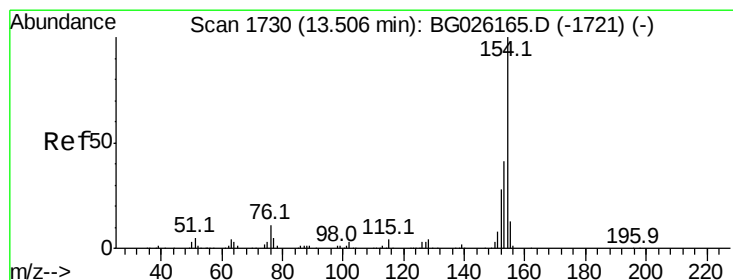
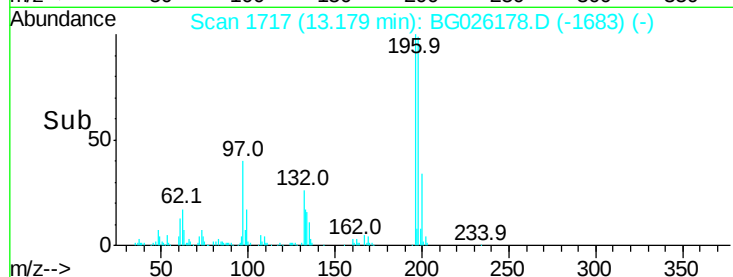
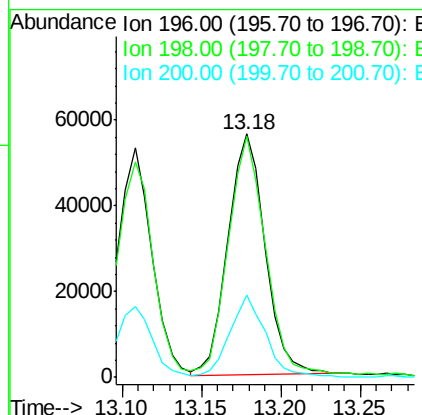
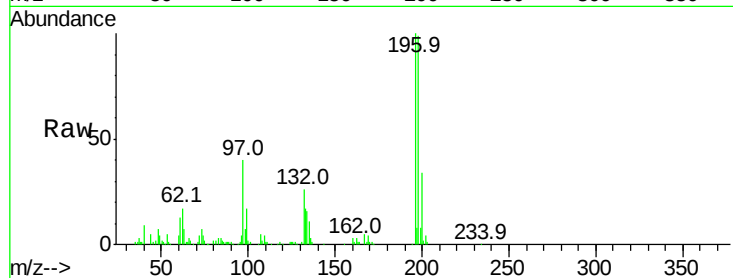




#39
 2,4,5-Trichlorophenol
 Concen: 23.77 ng/ul
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG026178.D
 Acq: 10 Mar 2017 18:04

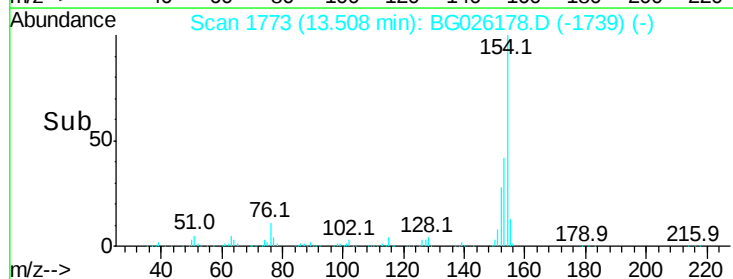
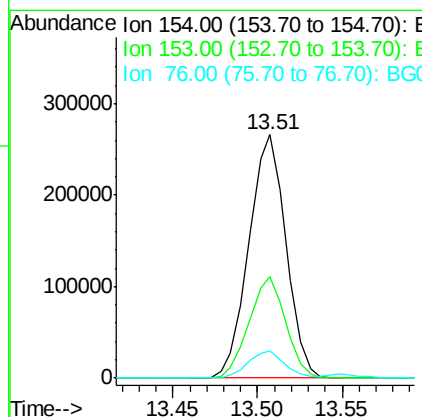
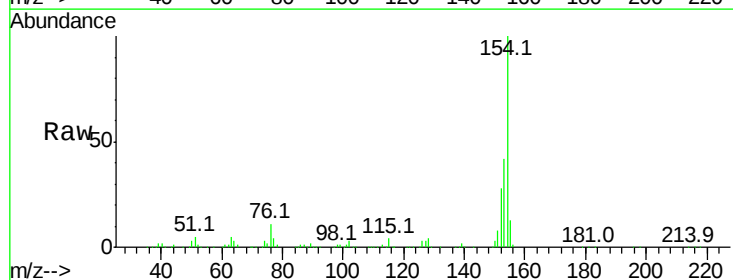
Instrument :
 BNA_G
 ClientSampleId :
 SST02020

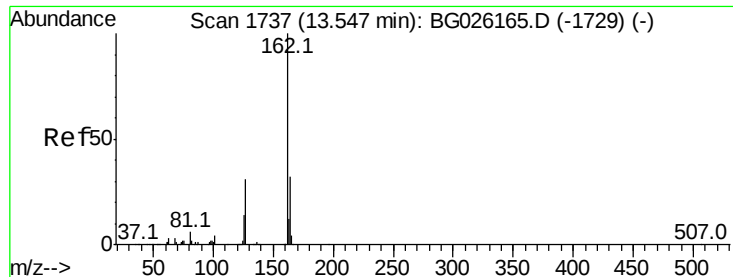
Tot Ion:196 Resp: 91602
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.9 115.3
 200 34.1 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 22.56 ng/ul
 RT: 13.51 min Scan# 1773
 Delta R.T. 0.00 min
 Lab File: BG026178.D
 Acq: 10 Mar 2017 18:04

Tgt Ion:154 Resp: 404814
 Ion Ratio Lower Upper
 154 100
 153 41.6 32.1 48.1
 76 11.5 9.5 14.3

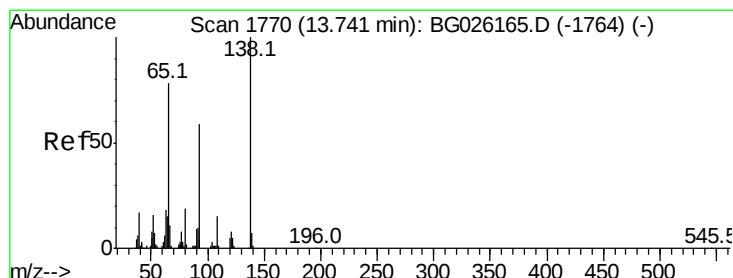
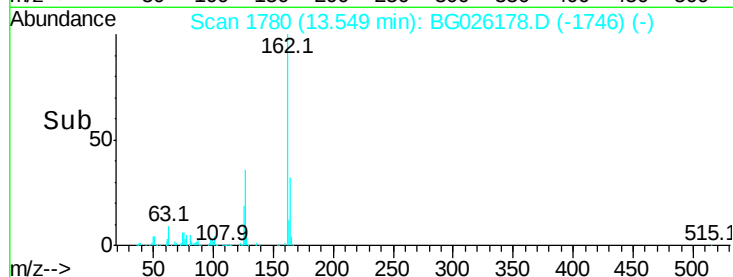
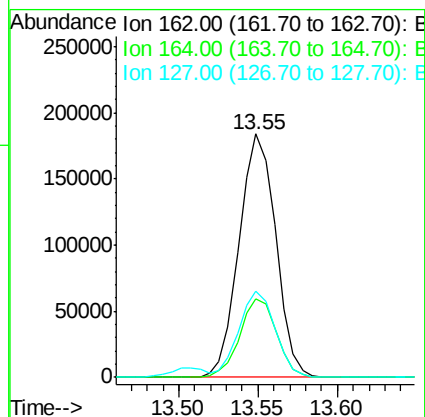
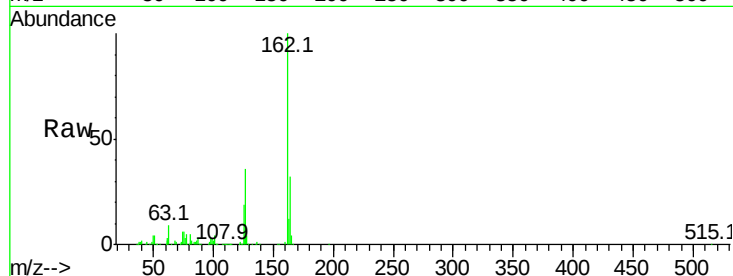




#41
2-Chloronaphthalene
Concen: 22.09 ng/ul
RT: 13.55 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

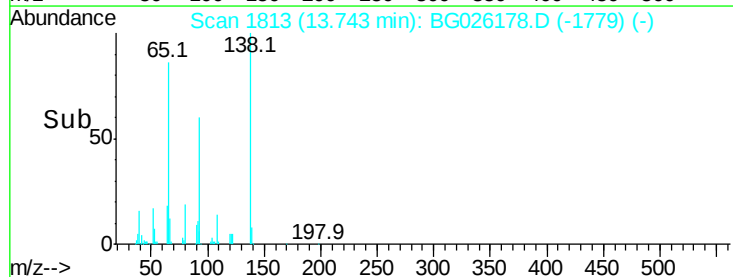
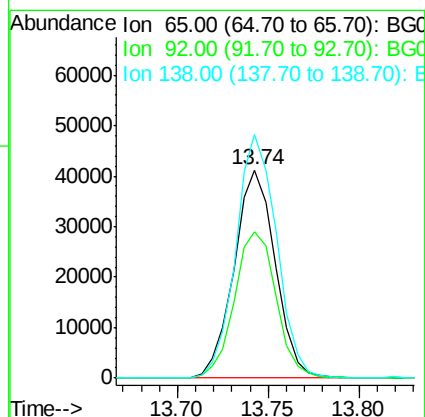
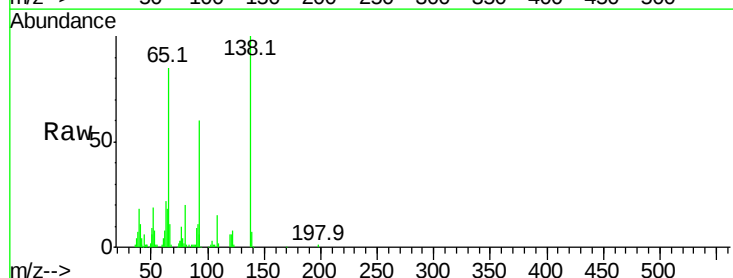
Instrument :
BNA_G
ClientSampleId :
SSTD02020

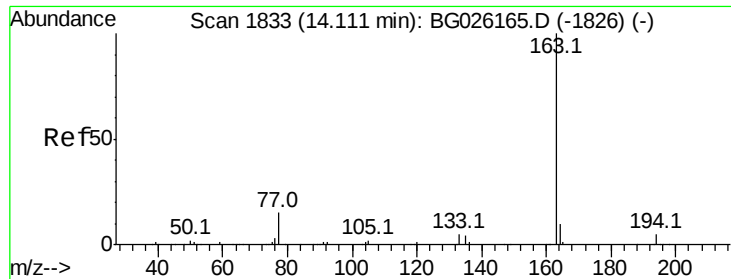
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.9	38.9
127	35.6	34.1	51.1



#42
2-Nitroaniline
Concen: 21.36 ng/ul
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	60.4	90.6
138	117.1	99.8	149.6





#44

Dimethylphthalate

Concen: 22.51 ng/ul

RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

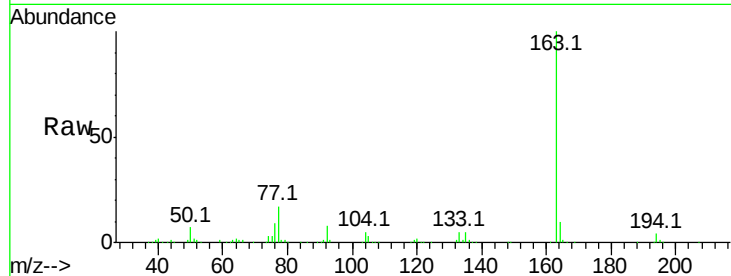
Tot Ion:163 Resp: 350156

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

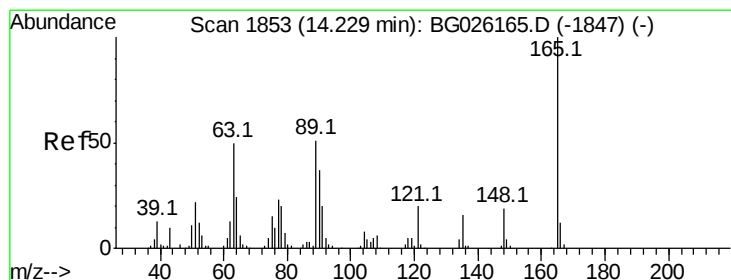
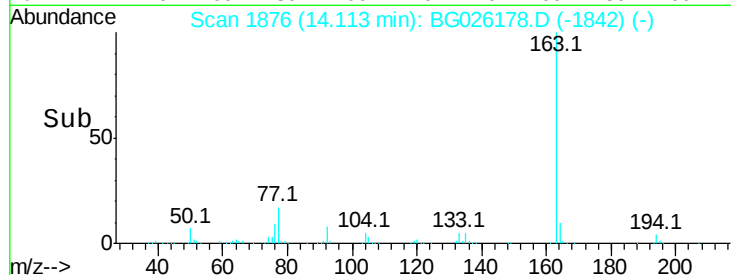
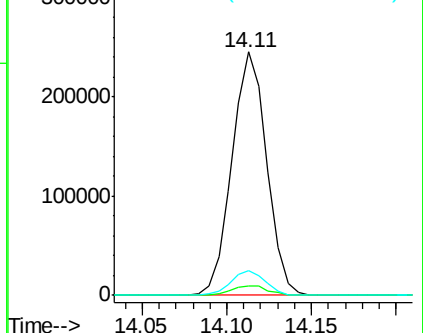
164 10.4 7.8 11.8



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: 23.65 ng/ul

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

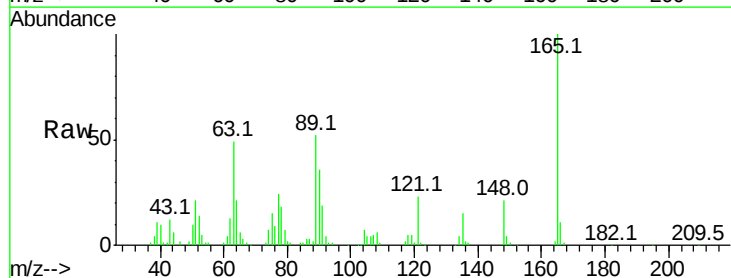
Tgt Ion:165 Resp: 75148

Ion Ratio Lower Upper

165 100

89 52.4 42.4 63.6

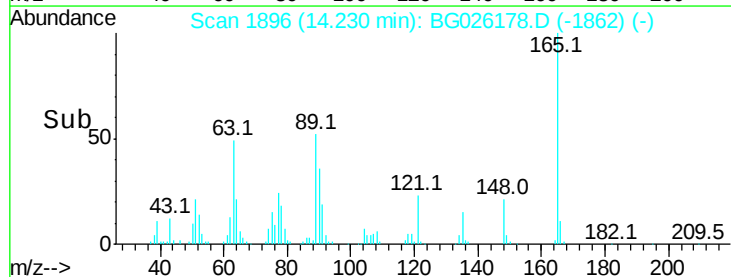
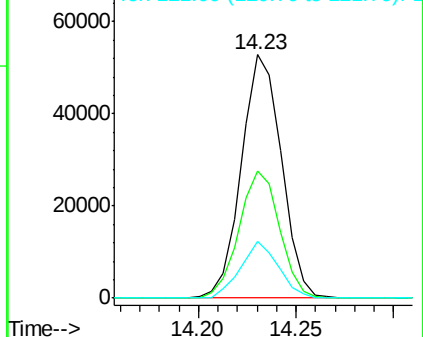
121 23.1 16.6 24.8

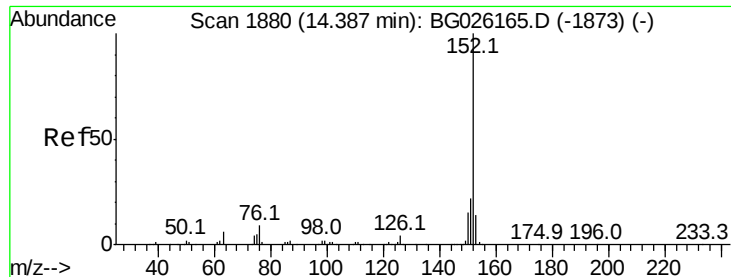


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

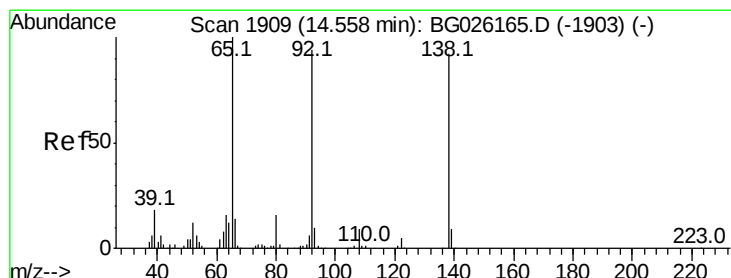
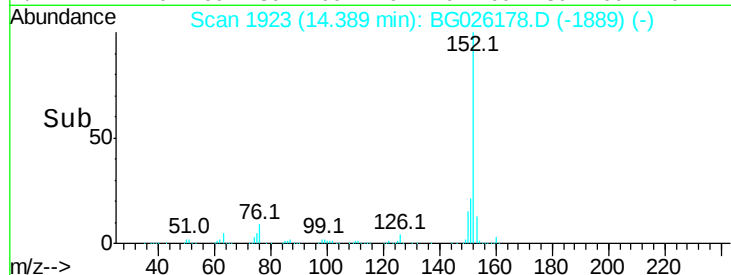
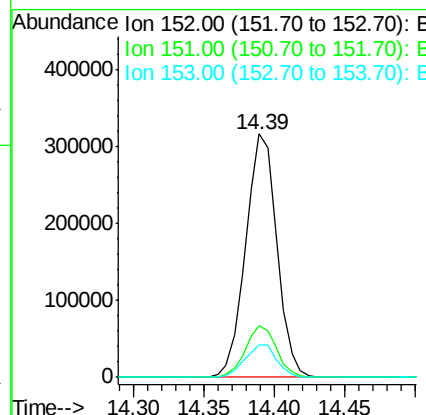
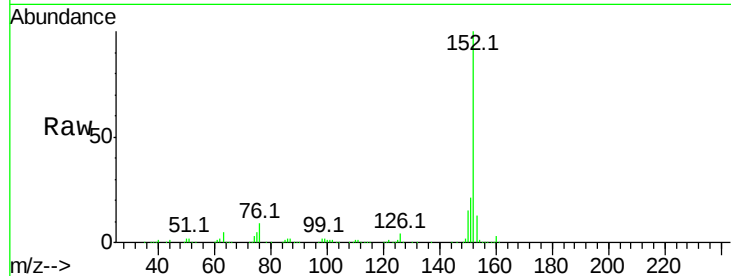




#47
Acenaphthylene
Concen: 22.81 ng/ul
RT: 14.39 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

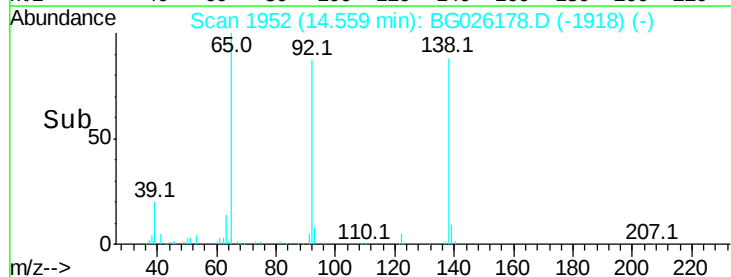
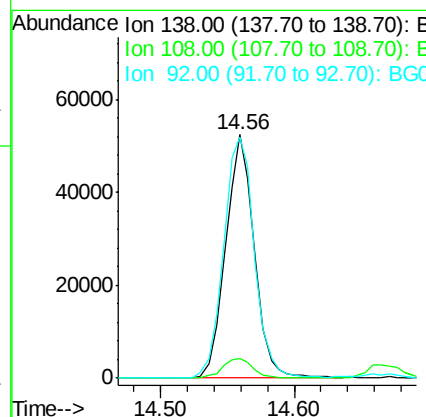
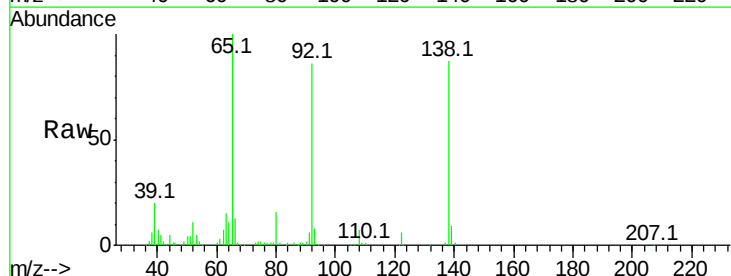
Instrument :
BNA_G
ClientSampleId :
SSTD02020

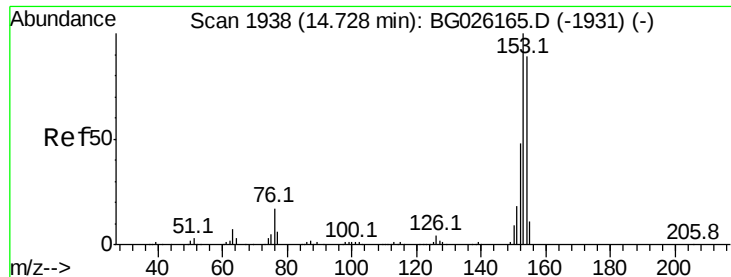
Tot Ion:152 Resp: 490141
Ion Ratio Lower Upper
152 100
151 21.3 15.7 23.5
153 13.4 10.5 15.7



#48
3-Nitroaniline
Concen: 22.36 ng/ul
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:138 Resp: 78785
Ion Ratio Lower Upper
138 100
108 7.8 8.7 13.1#
92 99.2 88.2 132.4





#49

Acenaphthene

Concen: 23.24 ng/ul

RT: 14.73 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

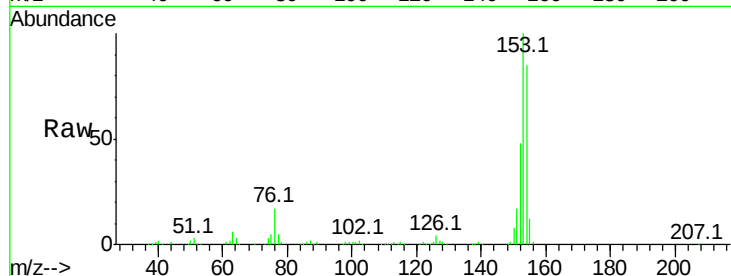
Tot Ion:153 Resp: 350133

Ion Ratio Lower Upper

153 100

152 48.3 38.3 57.5

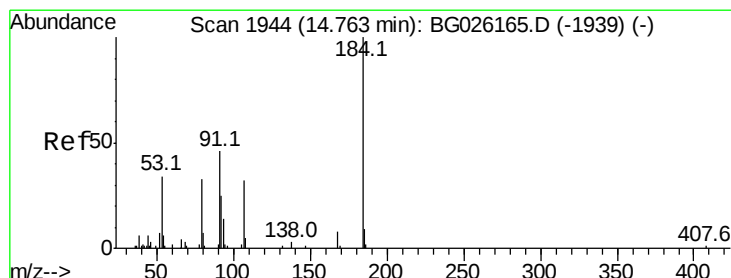
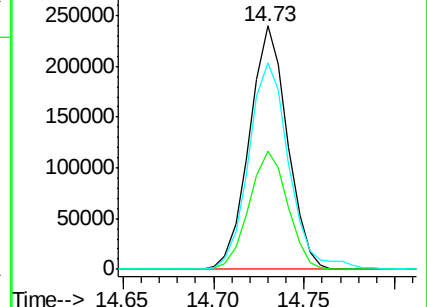
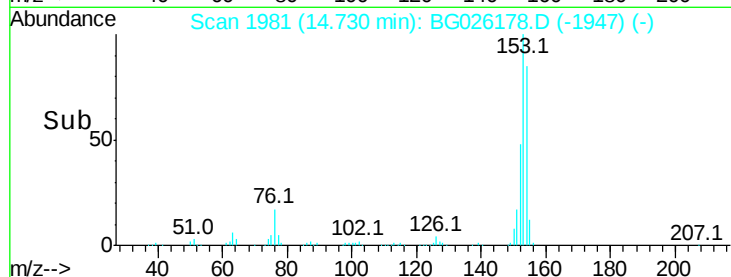
154 84.6 71.8 107.8



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: 15.36 ng/ul

RT: 14.76 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

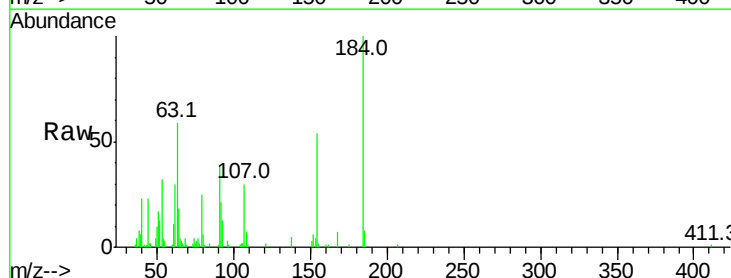
Tgt Ion:184 Resp: 22736

Ion Ratio Lower Upper

184 100

63 58.8 46.5 69.7

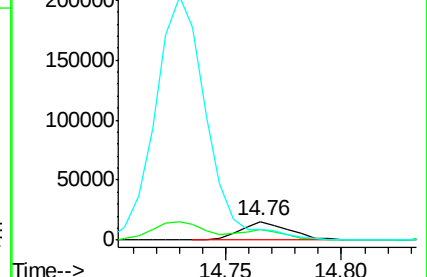
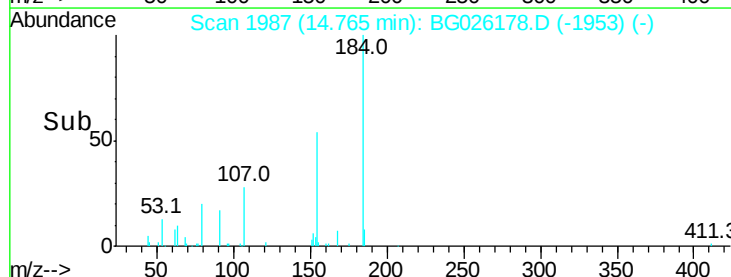
154 54.5 54.6 82.0#

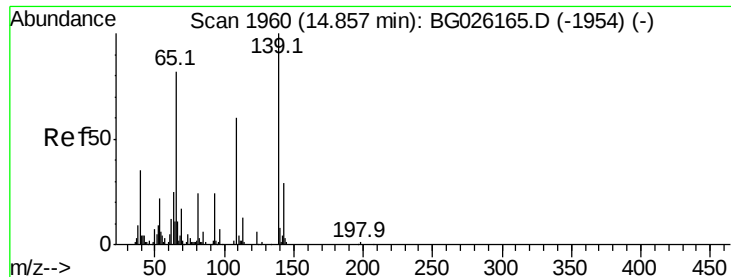


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 22.15 ng/ul

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

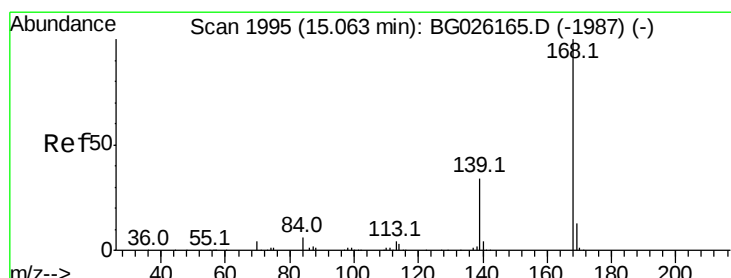
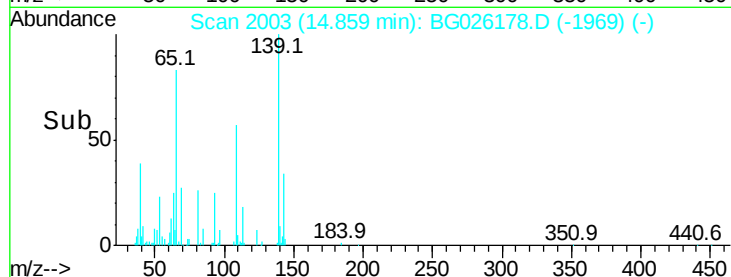
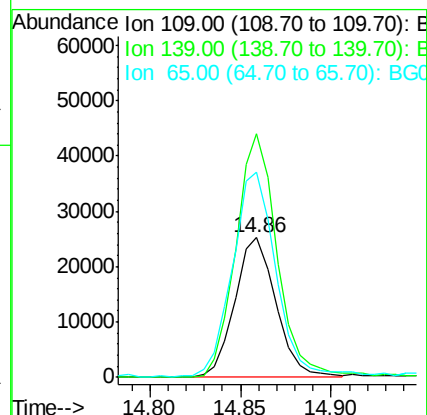
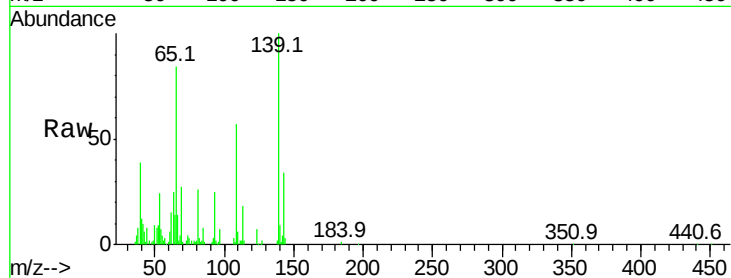
Tot Ion:109 Resp: 40000

Ion Ratio Lower Upper

109 100

139 174.7 103.7 155.5#

65 147.4 89.4 134.2#



#53

Dibenzofuran

Concen: 23.27 ng/ul

RT: 15.06 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BG026178.D

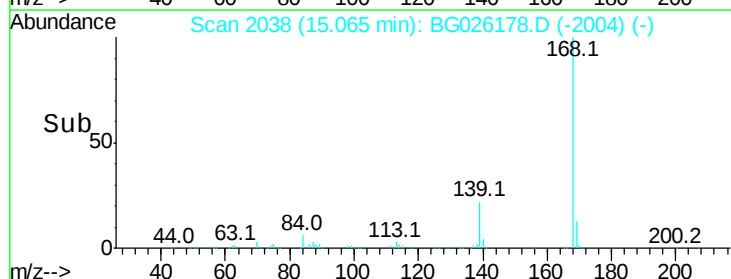
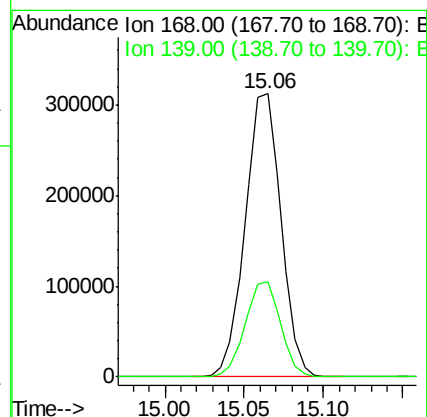
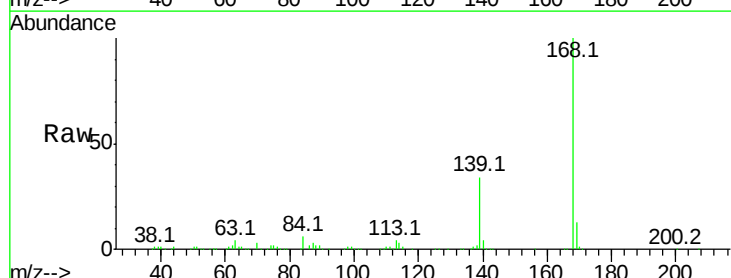
Acq: 10 Mar 2017 18:04

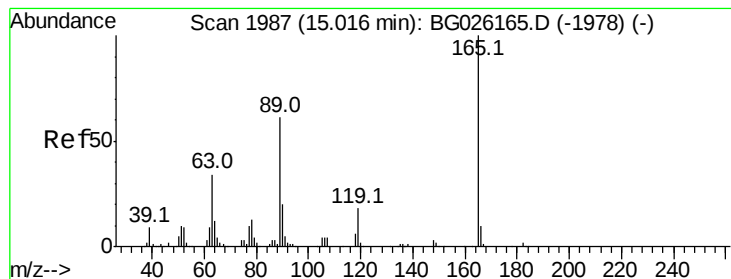
Tgt Ion:168 Resp: 490835

Ion Ratio Lower Upper

168 100

139 33.7 32.2 48.2





#54

2,4-Dinitrotoluene

Concen: 24.59 ng/ul

RT: 15.02 min Scan# 2030

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

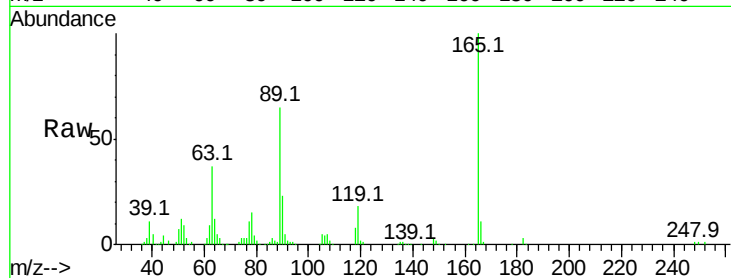
Tot Ion:165 Resp: 116944

Ion Ratio Lower Upper

165 100

63 36.8 29.8 44.6

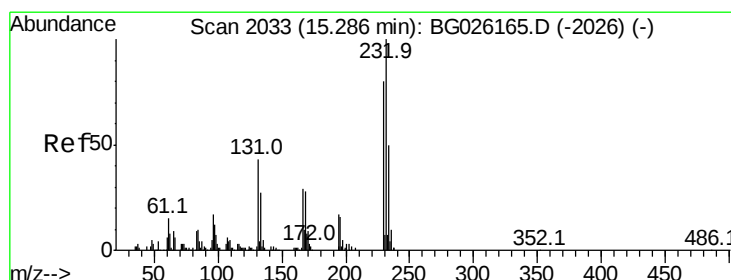
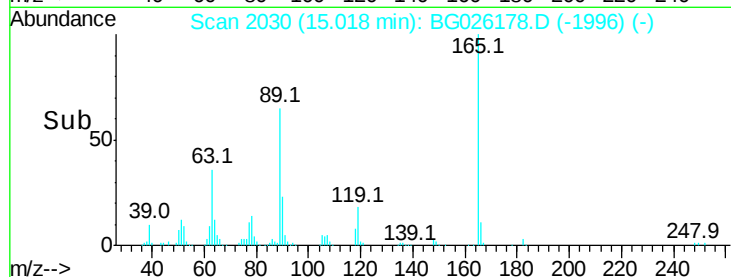
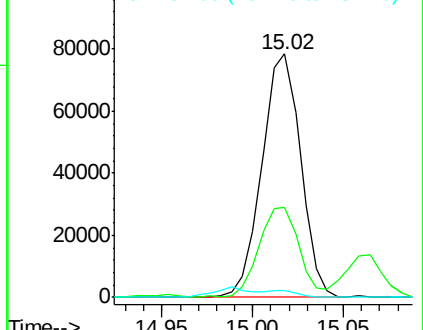
182 2.9 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): B

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 23.97 ng/ul

RT: 15.29 min Scan# 2076

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Tgt Ion:232 Resp: 82577

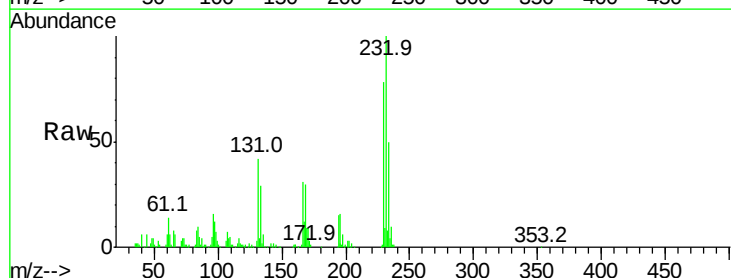
Ion Ratio Lower Upper

232 100

131 42.1 39.4 59.2

130 2.6 2.2 3.2

166 30.7 26.6 39.8

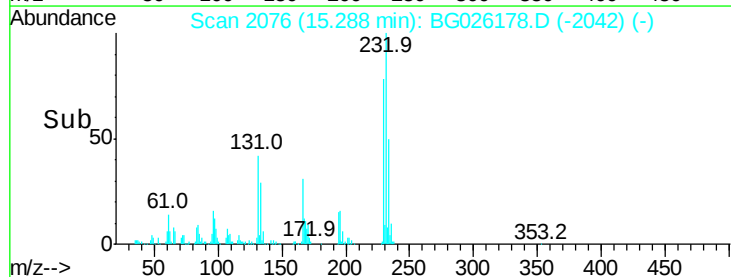
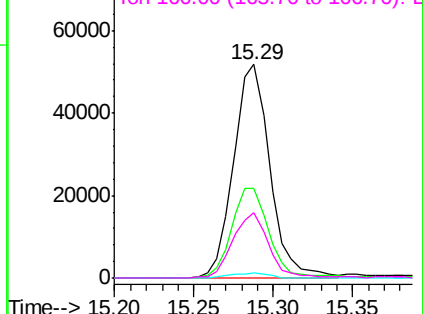


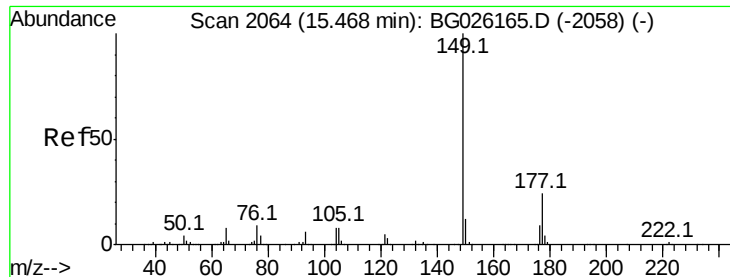
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 23.54 ng/ul

RT: 15.47 min Scan# 2107

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

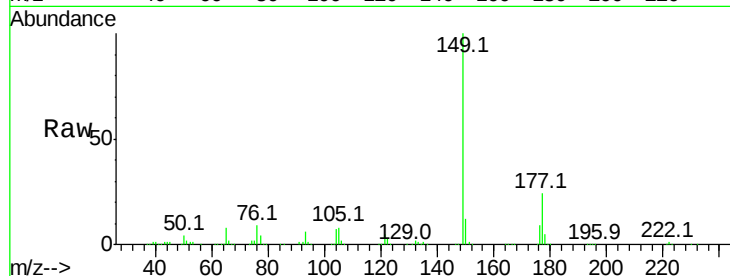
Tot Ion:149 Resp: 359143

Ion Ratio Lower Upper

149 100

177 23.9 17.4 26.2

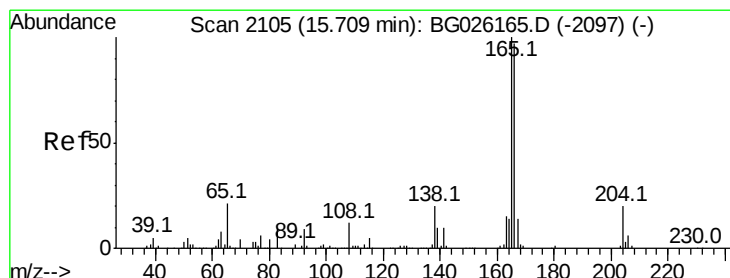
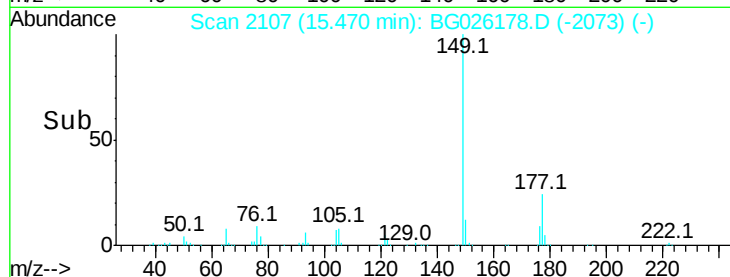
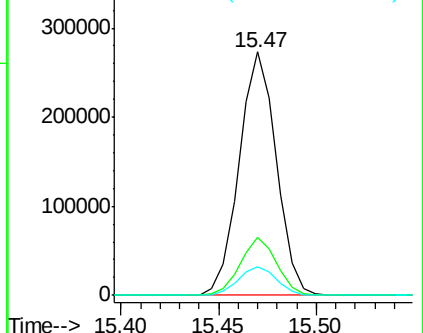
150 12.0 10.0 15.0



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



#58

Fluorene

Concen: 23.41 ng/ul

RT: 15.71 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

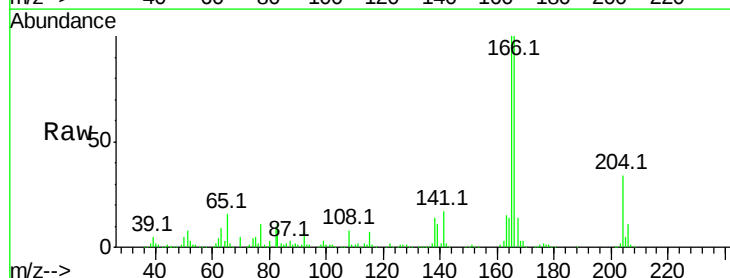
Tgt Ion:166 Resp: 410042

Ion Ratio Lower Upper

166 100

165 99.9 78.5 117.7

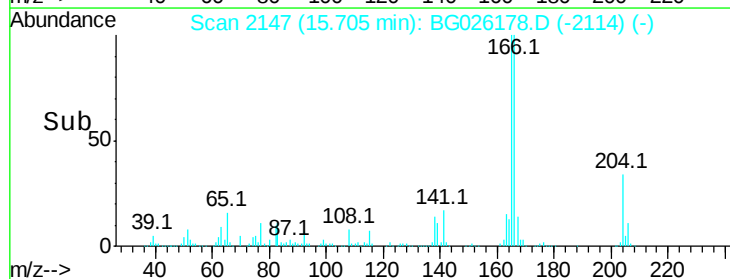
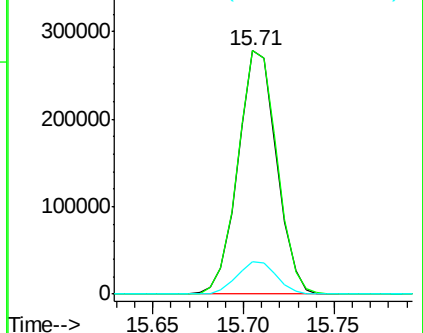
167 13.5 10.7 16.1

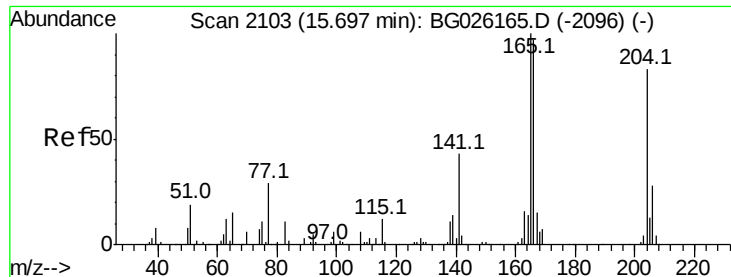


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

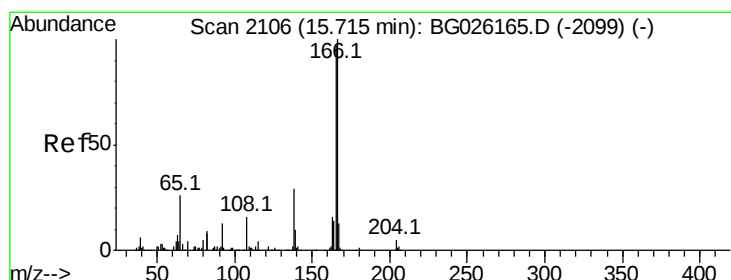
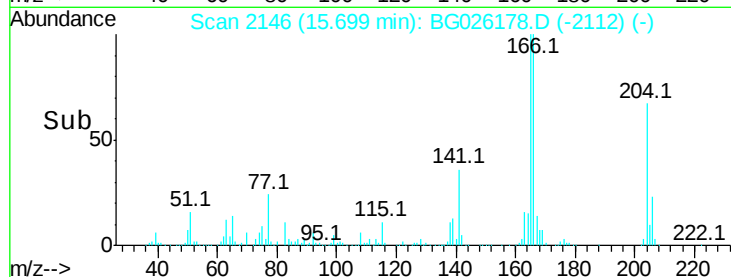
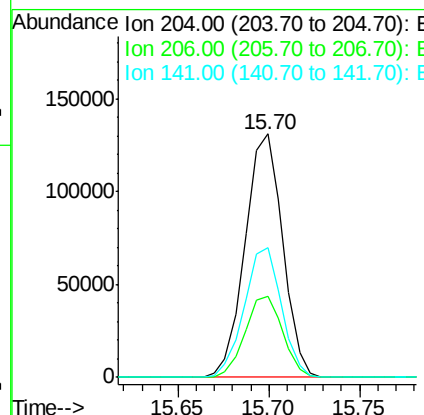
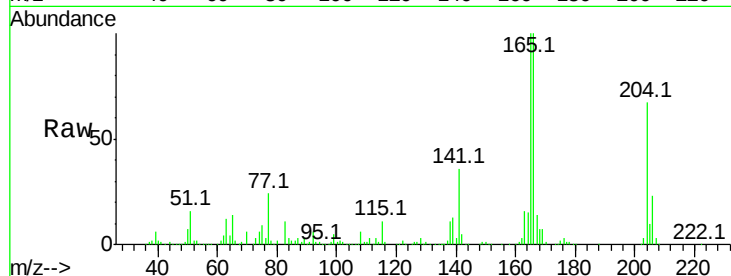




#59
4-Chlorophenyl-phenylether
Concen: 22.56 ng/ul
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

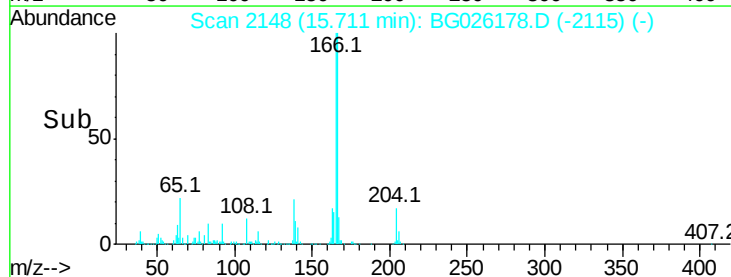
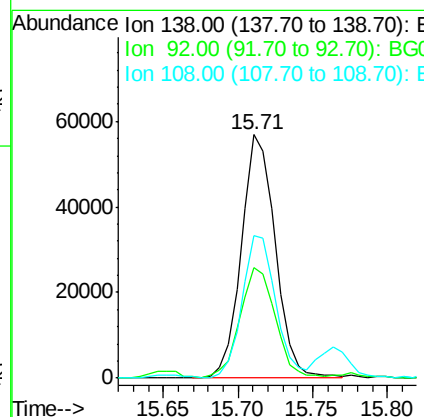
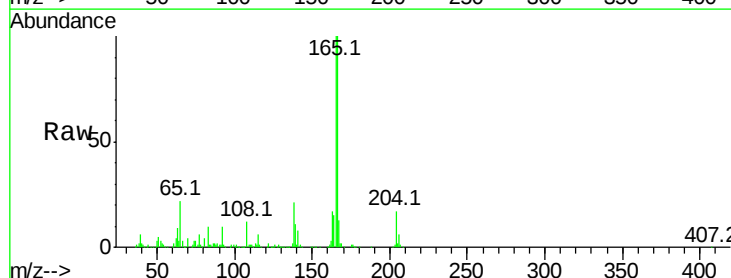
Instrument :
BNA_G
ClientSampleId :
SSTD02020

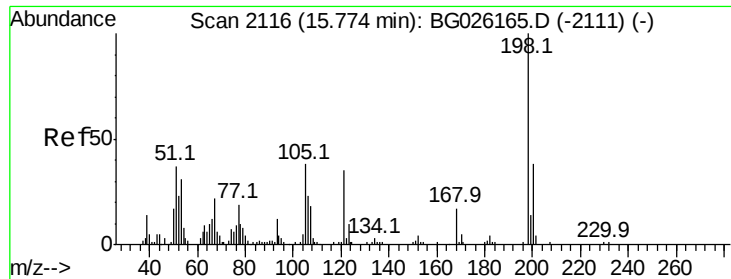
Tot Ion:204 Resp: 188613
Ion Ratio Lower Upper
204 100
206 33.5 26.2 39.4
141 53.1 54.6 81.8#



#60
4-Nitroaniline
Concen: 21.87 ng/ul
RT: 15.71 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:138 Resp: 89864
Ion Ratio Lower Upper
138 100
92 45.5 40.6 60.8
108 58.7 67.0 100.6#

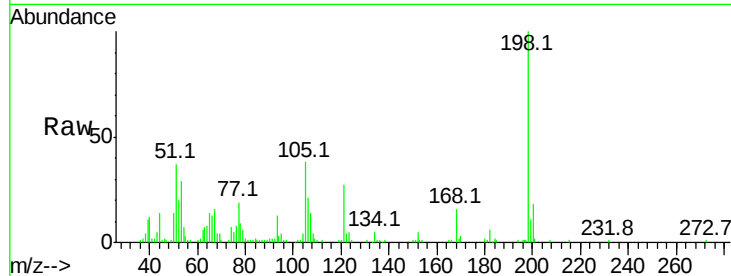




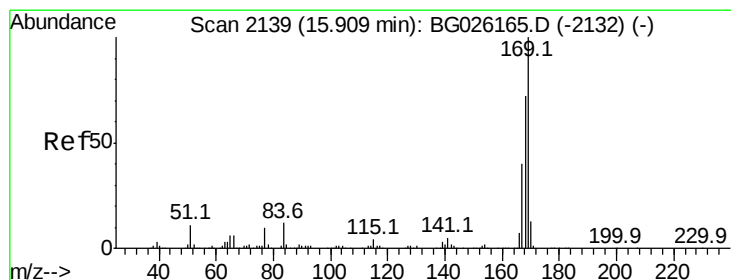
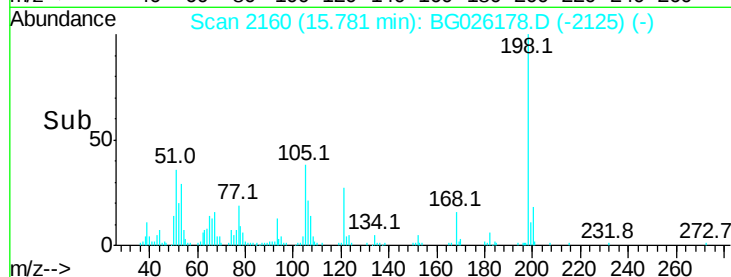
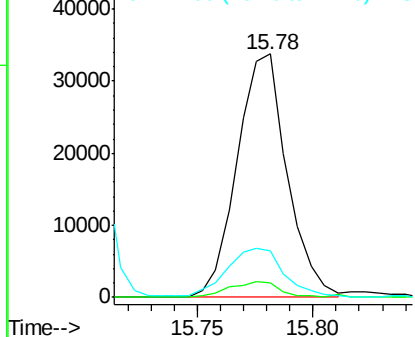
#63
4,6-Dinitro-2-methylphenol
Concen: 16.22 ng/ul
RT: 15.78 min Scan# 2160
Delta R.T. 0.01 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Instrument :
BNA_G
ClientSampleId :
SSTD02020

Tot Ion:198 Resp: 51015
Ion Ratio Lower Upper
198 100
182 6.1 3.1 4.7#
77 18.9 20.1 30.1#

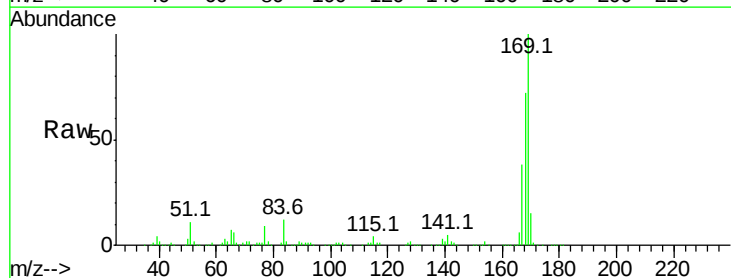


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BGC

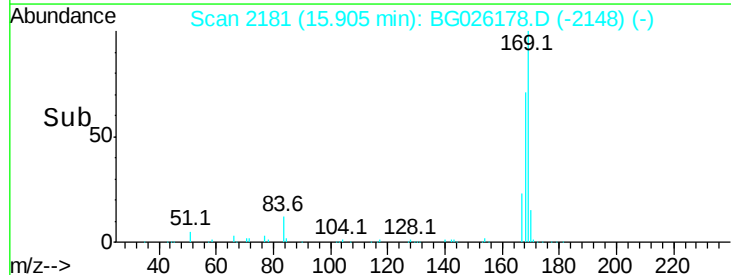
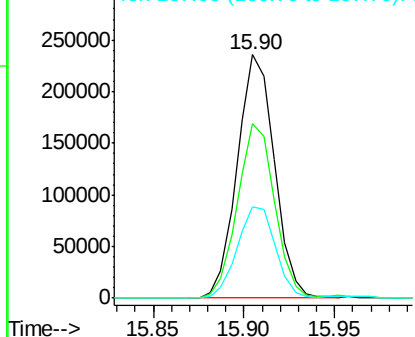


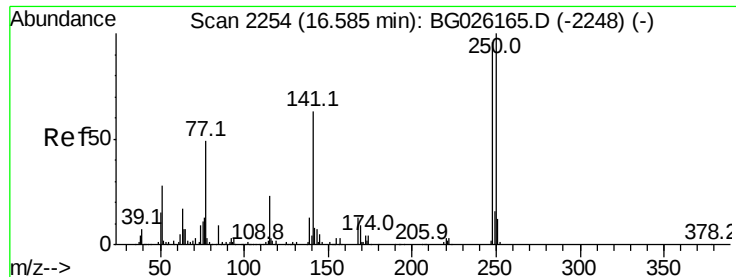
#64
N-Nitrosodiphenylamine
Concen: 19.71 ng/ul
RT: 15.90 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:169 Resp: 335893
Ion Ratio Lower Upper
169 100
168 71.6 53.8 80.8
167 37.6 29.3 43.9



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

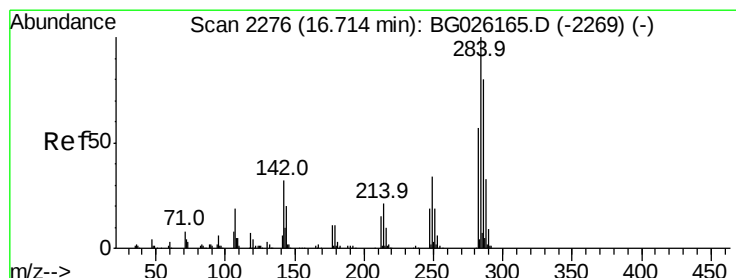
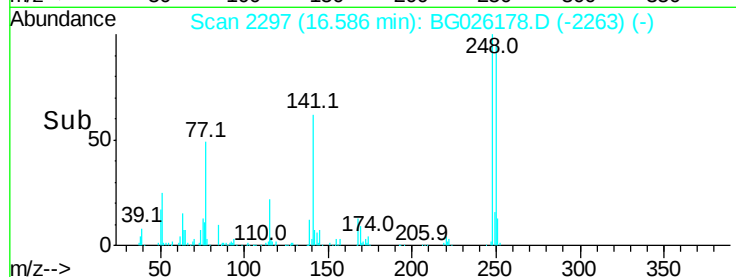
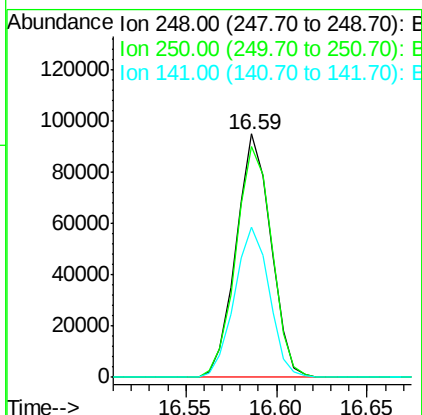
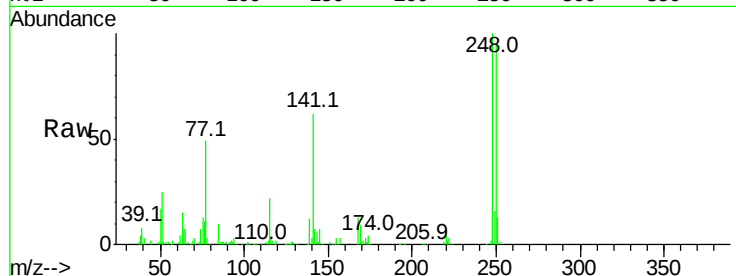




#65
4-Bromophenyl-phenylether
Concen: 19.85 ng/ul
RT: 16.59 min Scan# 2297
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

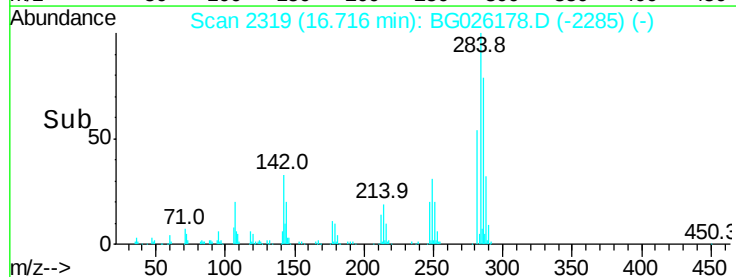
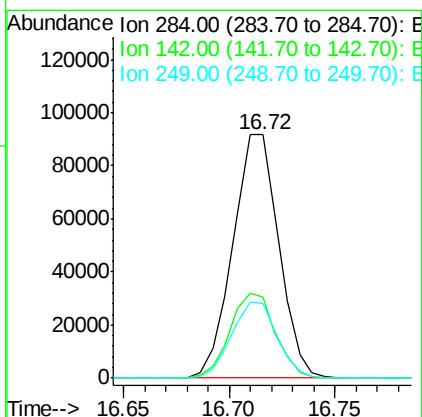
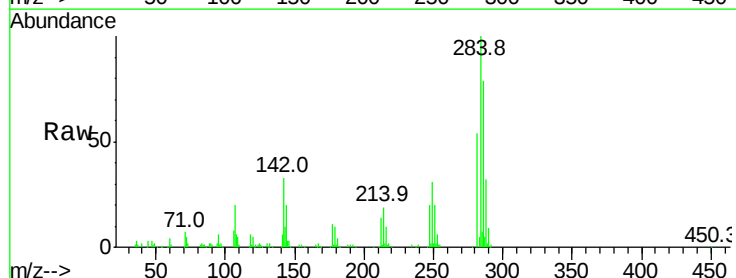
Instrument :
BNA_G
ClientSampleId :
SSTD02020

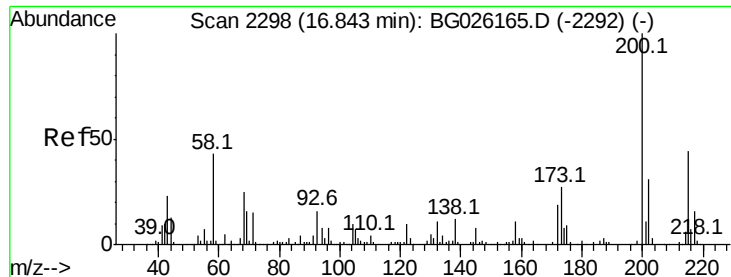
Tot Ion:248 Resp: 127168
Ion Ratio Lower Upper
248 100
250 94.6 78.7 118.1
141 61.5 72.2 108.2#



#66
Hexachlorobenzene
Concen: 19.70 ng/ul
RT: 16.72 min Scan# 2319
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:284 Resp: 138423
Ion Ratio Lower Upper
284 100
142 33.3 33.1 49.7
249 30.7 27.1 40.7

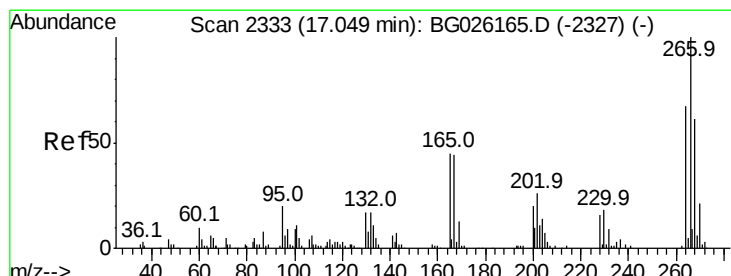
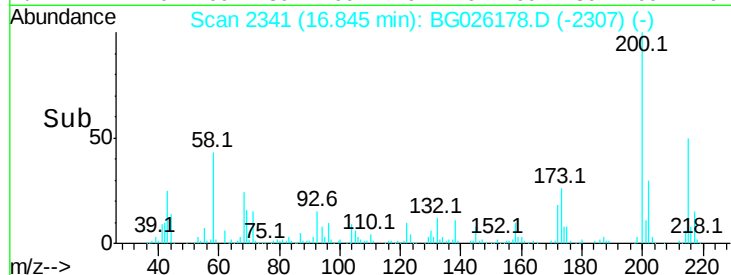
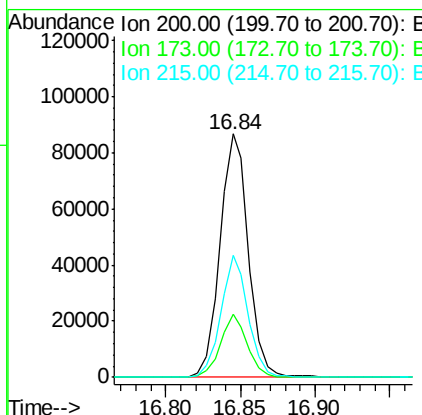
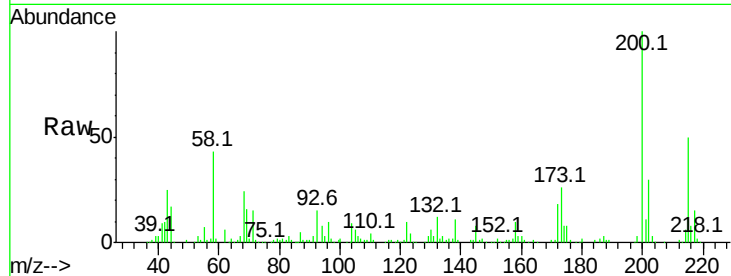




#67
Atrazine
Concen: 18.66 ng/ul
RT: 16.84 min Scan# 2341
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

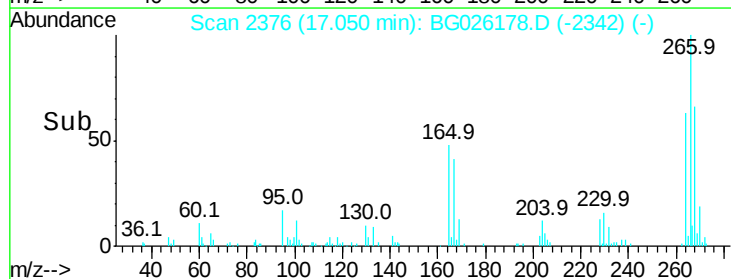
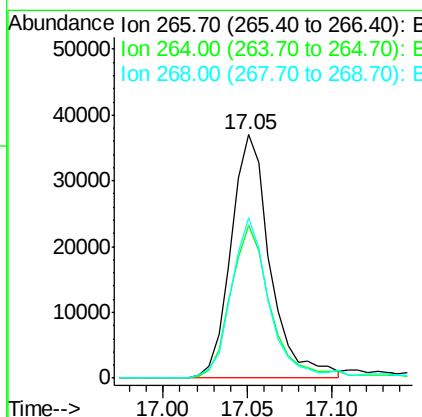
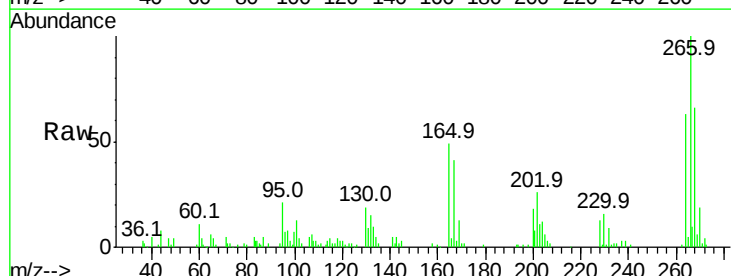
Instrument :
BNA_G
ClientSampleId :
SSTD02020

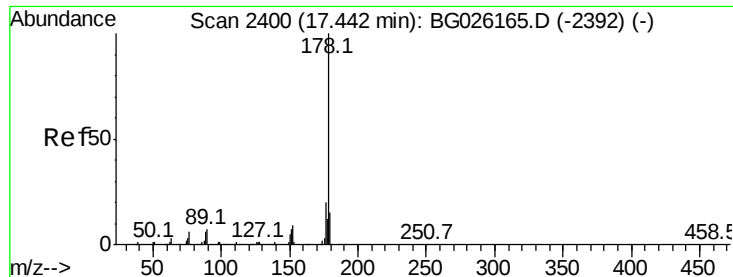
Tot Ion:200 Resp: 114799
Ion Ratio Lower Upper
200 100
173 26.0 21.6 32.4
215 50.4 37.0 55.4



#68
Pentachlorophenol
Concen: 16.66 ng/ul
RT: 17.05 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:266 Resp: 59669
Ion Ratio Lower Upper
266 100
264 62.9 50.5 75.7
268 65.8 50.9 76.3





#69

Phenanthrene

Concen: 20.83 ng/ul

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

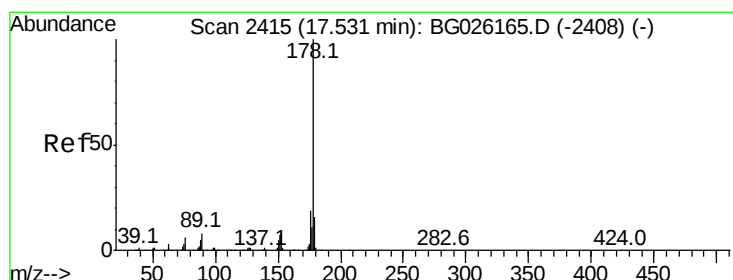
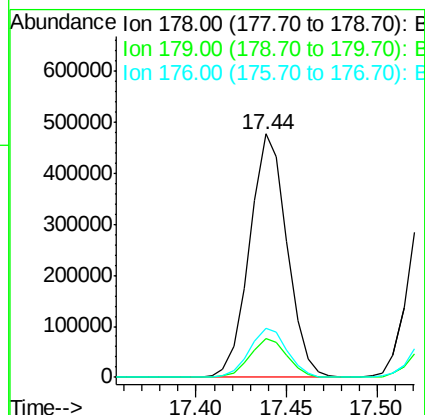
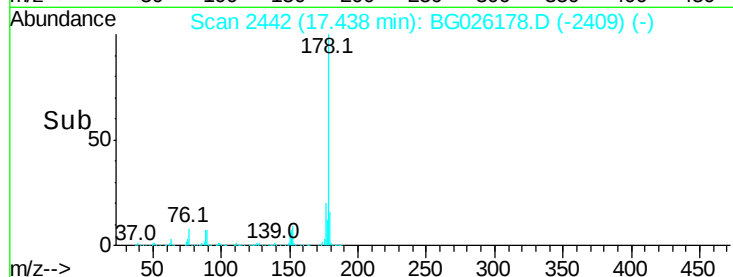
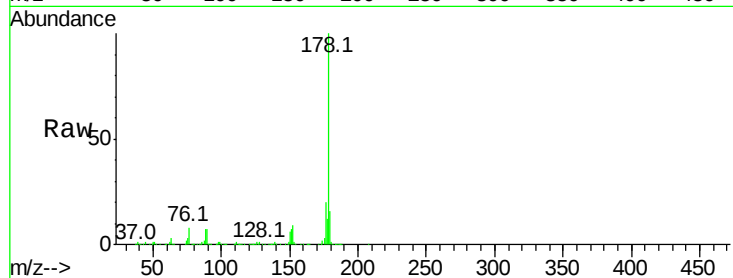
BNA_G

ClientSampleId :

SSTD02020

Tot Ion:178 Resp: 684676

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	20.4	15.6	23.4



#71

Anthracene

Concen: 21.05 ng/ul

RT: 17.53 min Scan# 2458

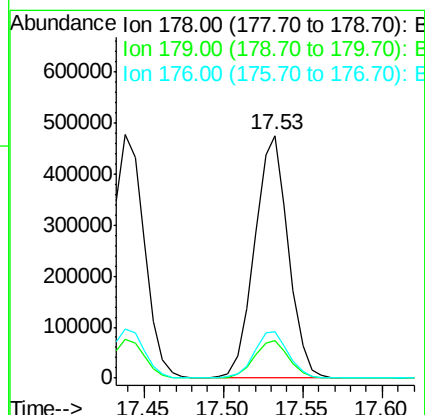
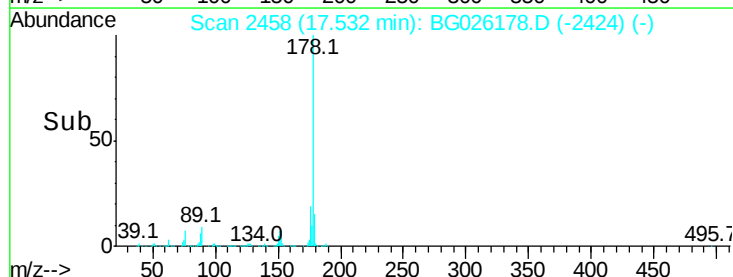
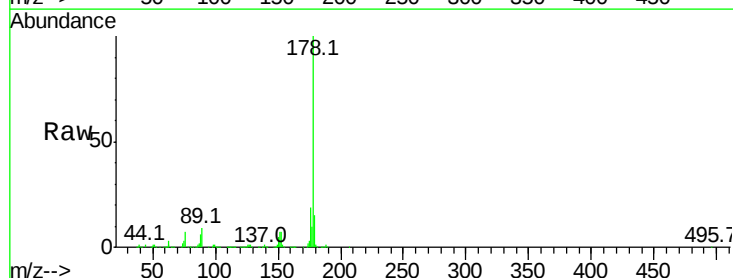
Delta R.T. 0.00 min

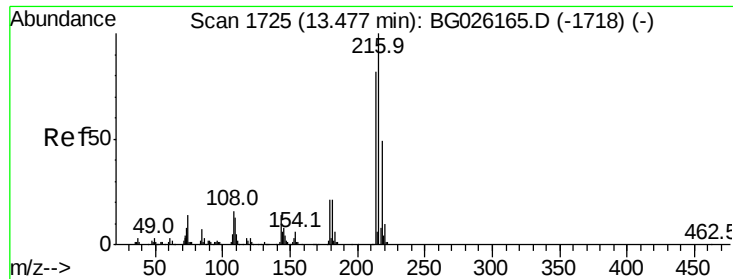
Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Tgt Ion:178 Resp: 697242

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.2	14.8	22.2





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.88 ng/uL

RT: 13.48 min Scan# 1768

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

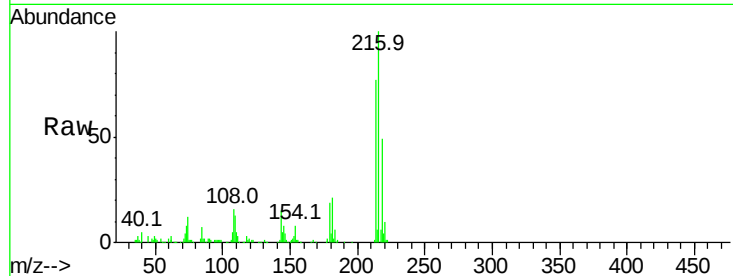
Tot Ion:216 Resp: 147499

Ion Ratio Lower Upper

216 100

214 77.0 62.5 93.7

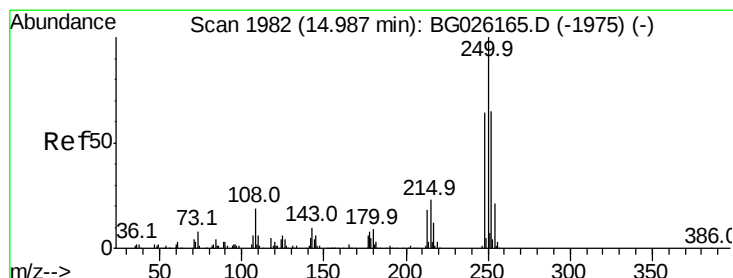
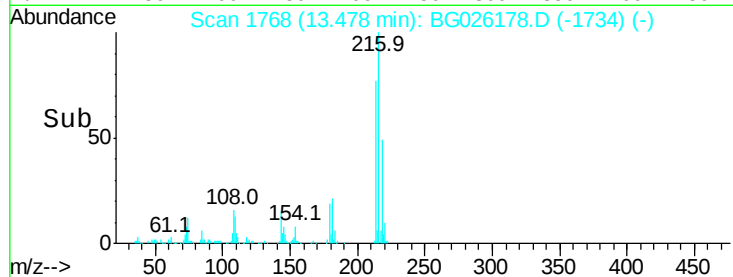
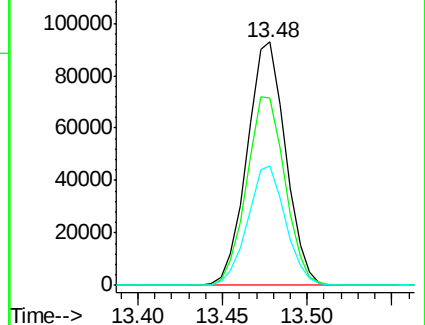
218 49.1 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.32 ng/uL

RT: 14.99 min Scan# 2025

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

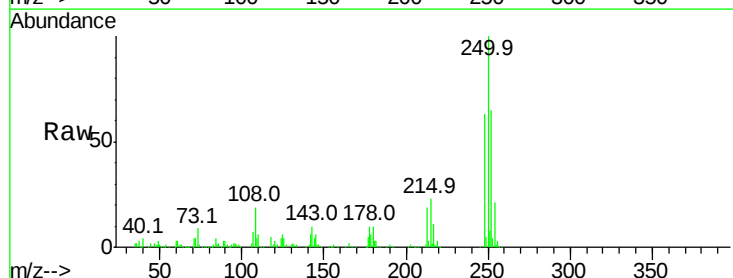
Tgt Ion:250 Resp: 146984

Ion Ratio Lower Upper

250 100

248 62.8 50.6 75.8

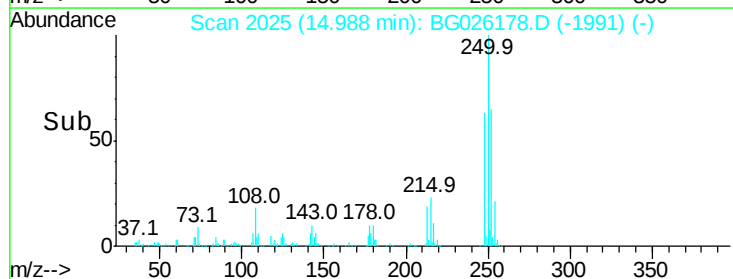
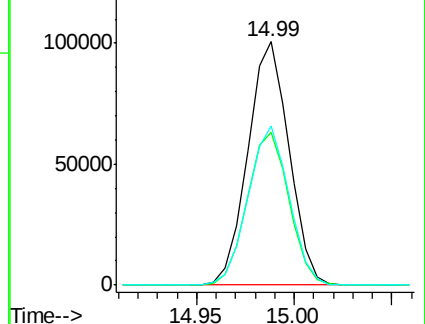
252 65.5 51.4 77.0

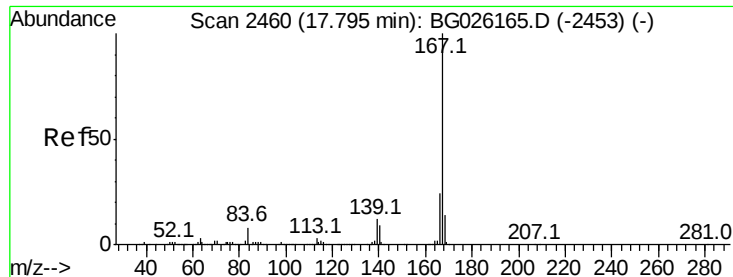


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 21.46 ng/ul

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

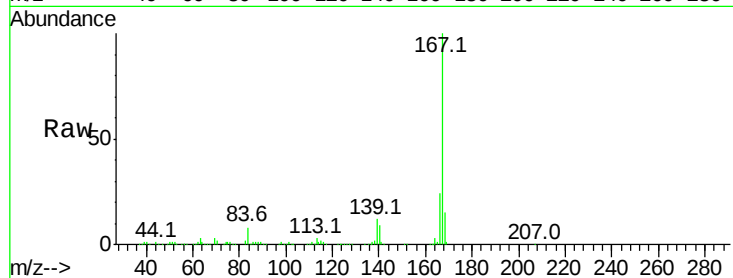
Tot Ion:167 Resp: 638088

Ion Ratio Lower Upper

167 100

166 23.5 17.0 25.6

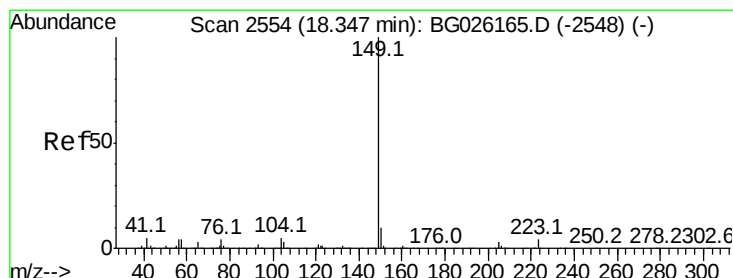
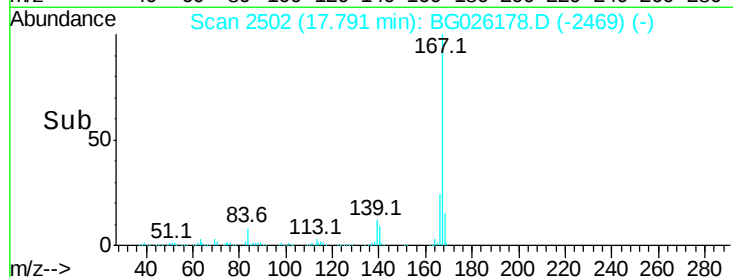
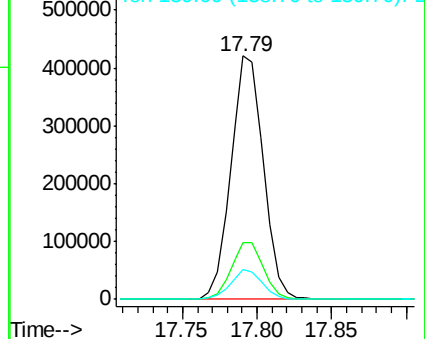
139 12.5 11.0 16.4



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



#75

Di-n-butylphthalate

Concen: 20.44 ng/ul

RT: 18.35 min Scan# 2597

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

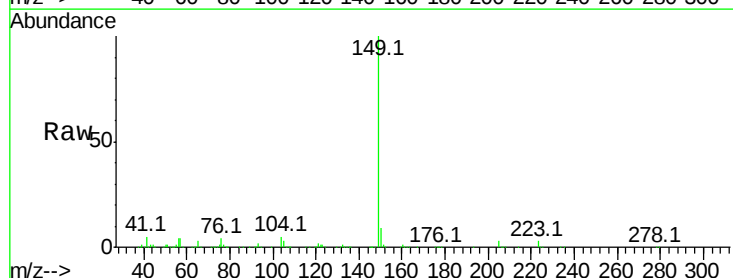
Tgt Ion:149 Resp: 615270

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

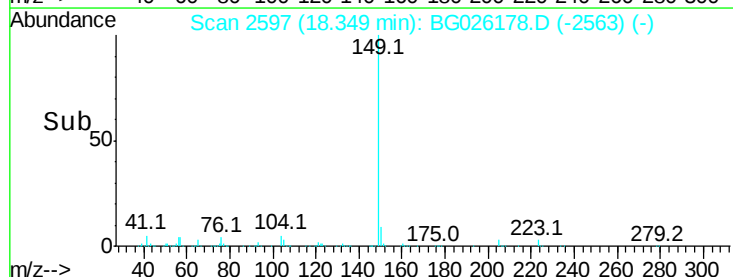
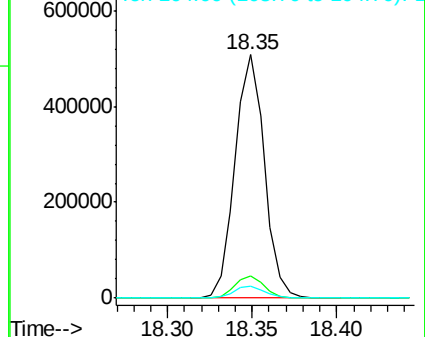
104 4.9 4.0 6.0

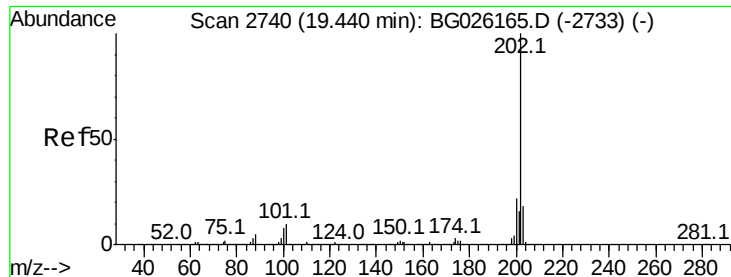


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 22.22 ng/ul

RT: 19.44 min Scan# 2783

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

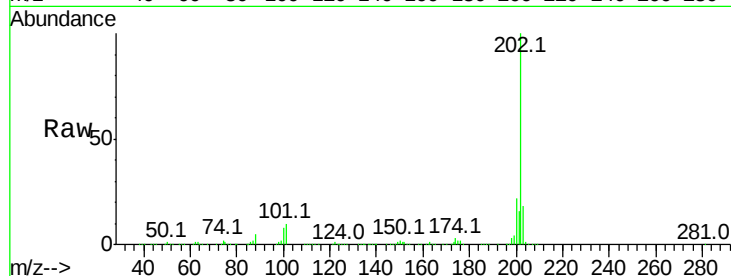
Tot Ion:202 Resp: 823412

Ion Ratio Lower Upper

202 100

101 10.4 8.8 13.2

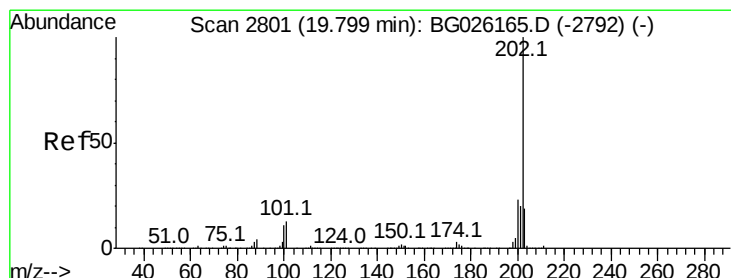
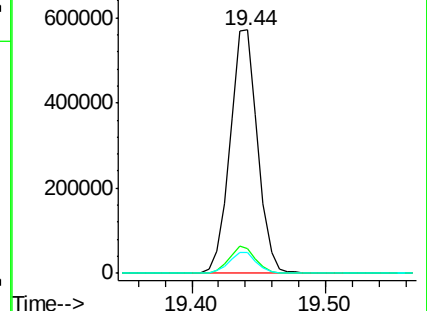
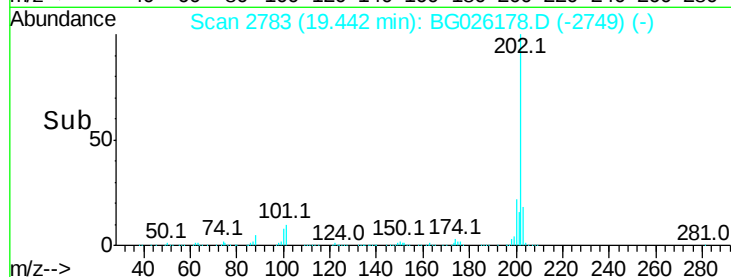
100 8.4 6.6 9.8



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



#79

Pyrene

Concen: 22.50 ng/ul

RT: 19.80 min Scan# 2844

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

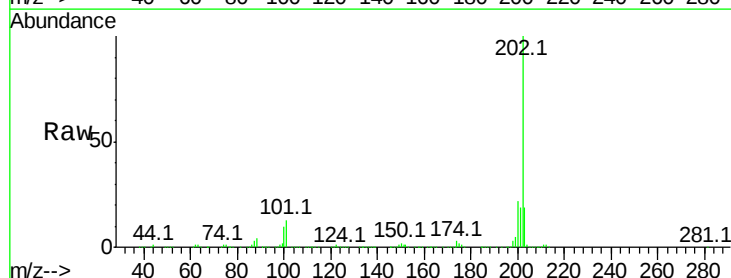
Tgt Ion:202 Resp: 834513

Ion Ratio Lower Upper

202 100

101 13.0 10.2 15.2

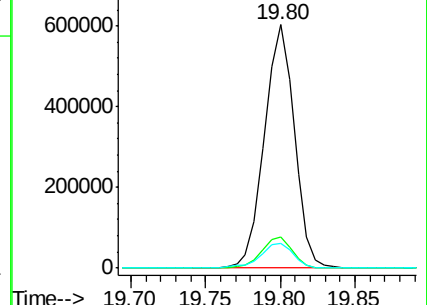
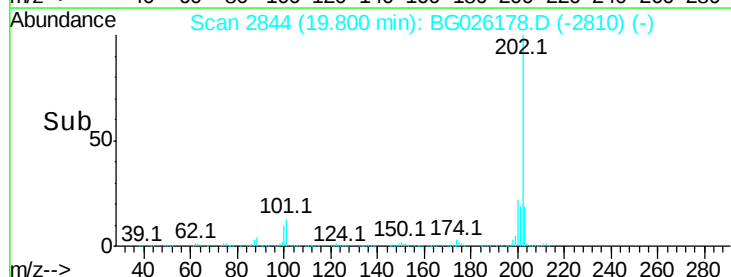
100 10.4 8.5 12.7

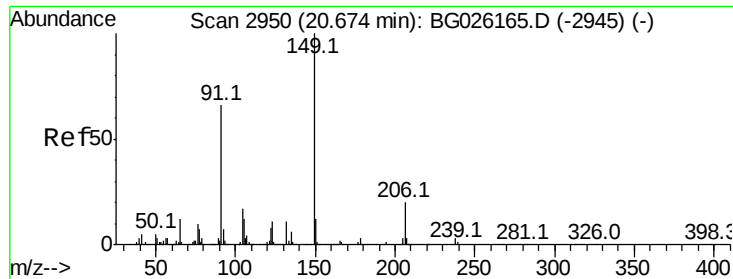


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

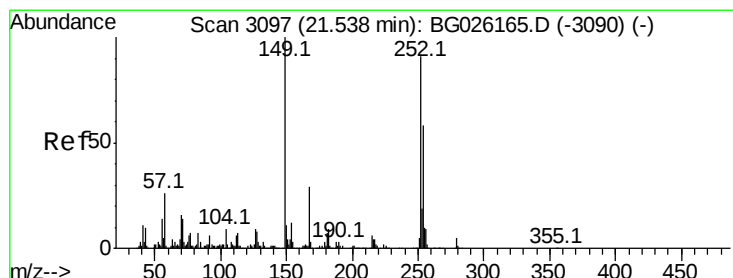
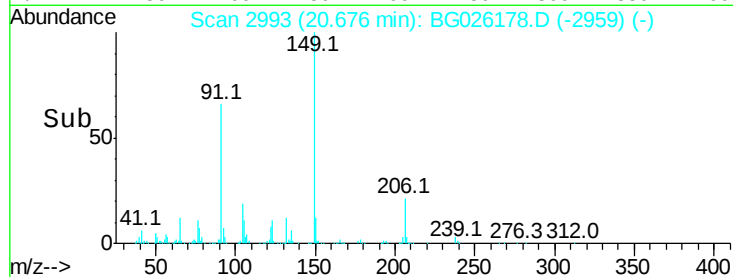
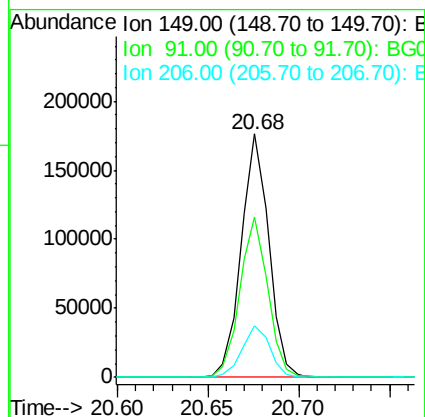
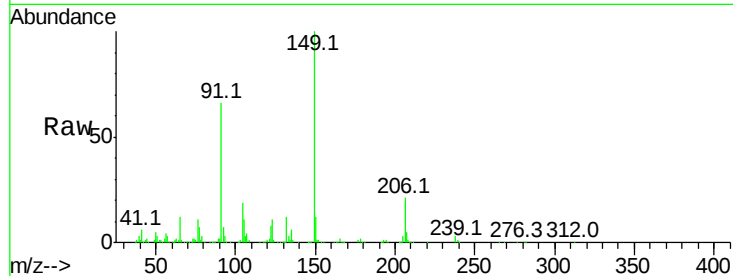




#80
Butylbenzylphthalate
Concen: 15.34 ng/ul
RT: 20.68 min Scan# 2993
Delta R.T. 0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

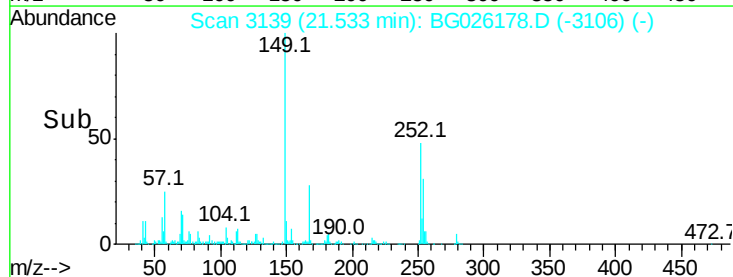
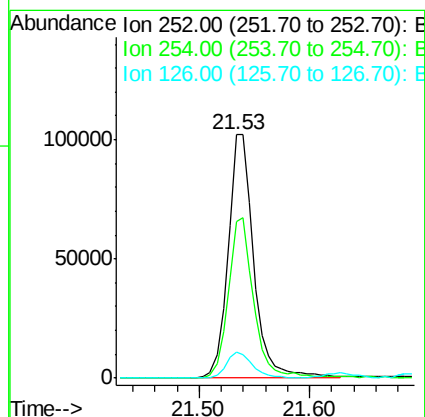
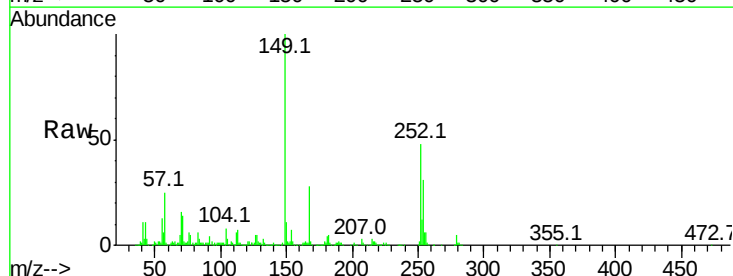
Instrument :
BNA_G
ClientSampleId :
SSTD02020

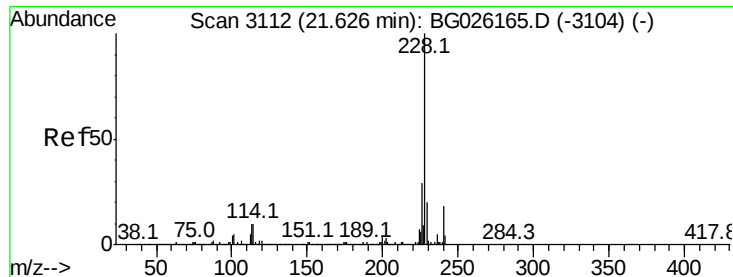
Tot Ion:149 Resp: 186274
Ion Ratio Lower Upper
149 100
91 65.8 53.4 80.2
206 21.0 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 13.25 ng/ul
RT: 21.53 min Scan# 3139
Delta R.T. -0.00 min
Lab File: BG026178.D
Acq: 10 Mar 2017 18:04

Tgt Ion:252 Resp: 166433
Ion Ratio Lower Upper
252 100
254 64.4 52.2 78.2
126 10.5 9.4 14.2





#82

Benzo(a)anthracene

Concen: 20.42 ng/ul

RT: 21.63 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

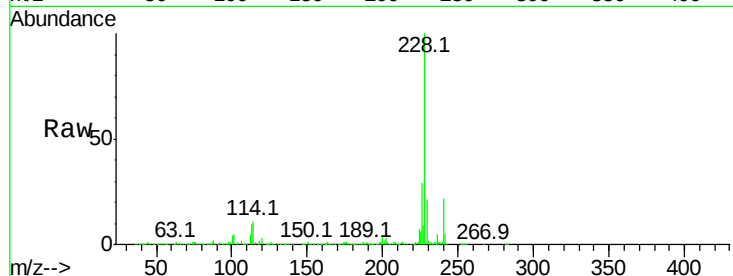
Tot Ion:228 Resp: 813028

Ion Ratio Lower Upper

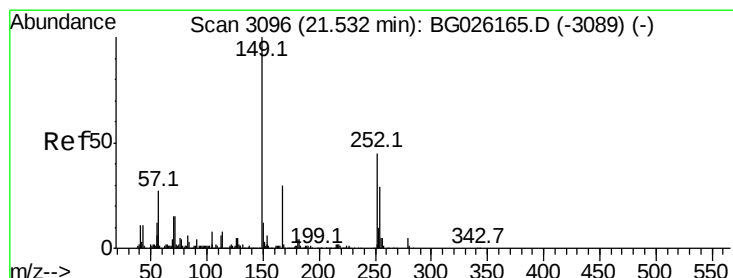
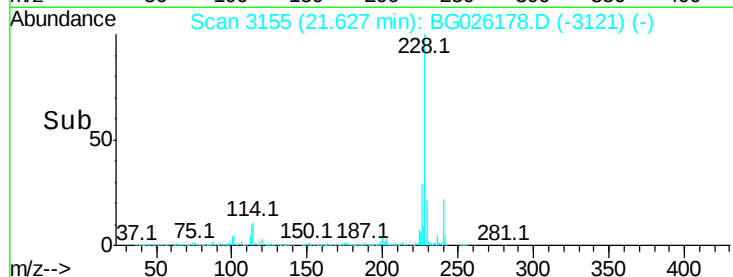
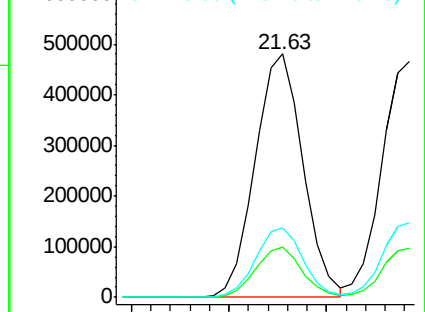
228 100

229 20.7 15.7 23.5

226 28.7 21.8 32.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.87 ng/ul

RT: 21.53 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

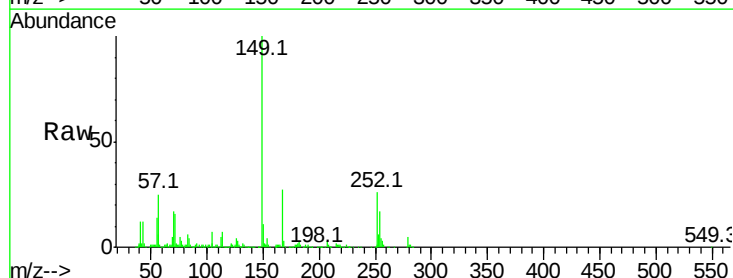
Tgt Ion:149 Resp: 319628

Ion Ratio Lower Upper

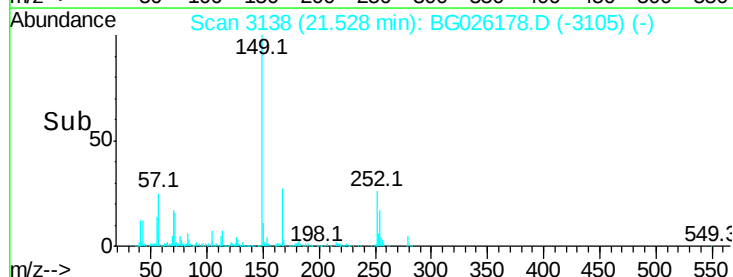
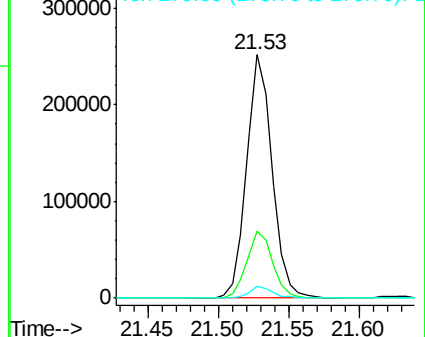
149 100

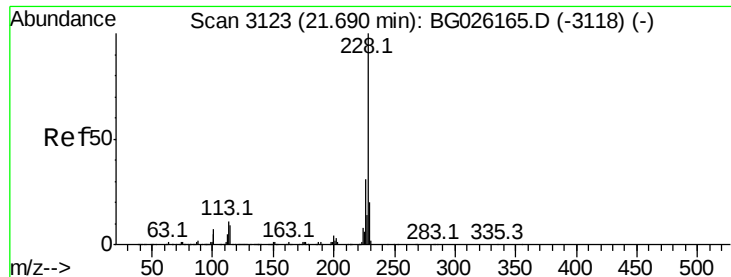
167 27.3 21.6 32.4

279 4.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 20.54 ng/ul

RT: 21.69 min Scan# 3166

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

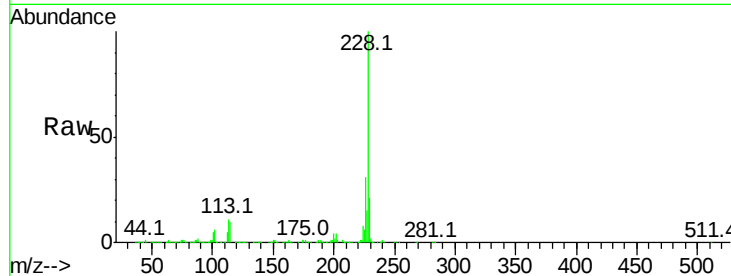
Tot Ion:228 Resp: 782264

Ion Ratio Lower Upper

228 100

226 31.4 24.0 36.0

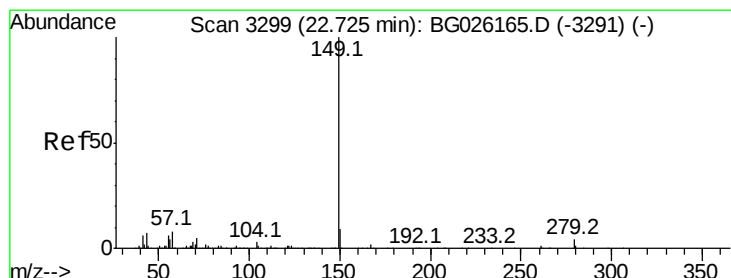
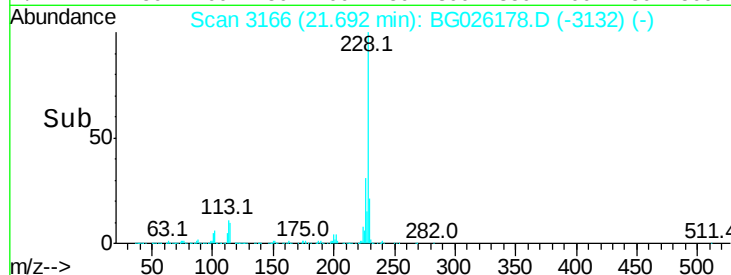
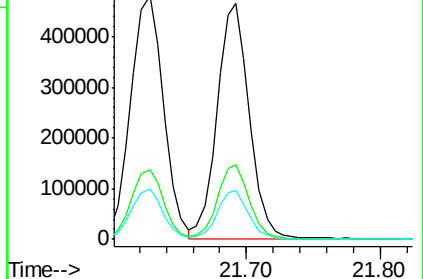
229 20.6 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 17.84 ng/ul

RT: 22.73 min Scan# 3342

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

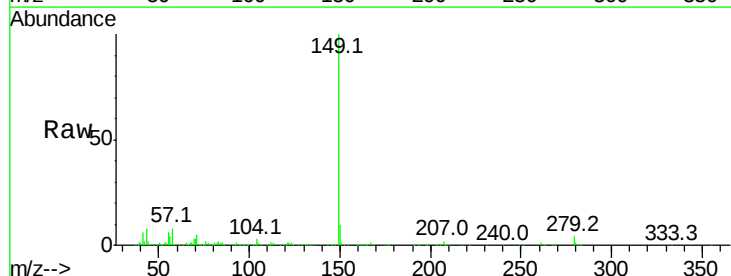
Tgt Ion:149 Resp: 552716

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

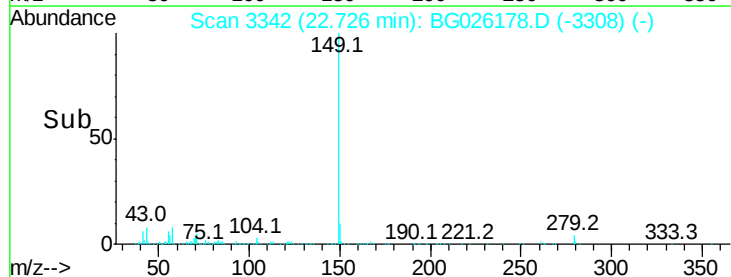
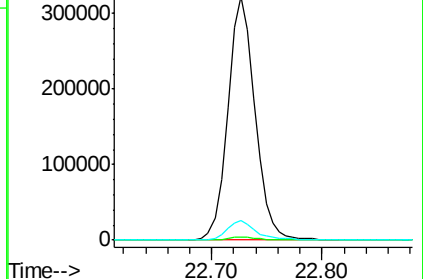
43 7.9 5.6 8.4

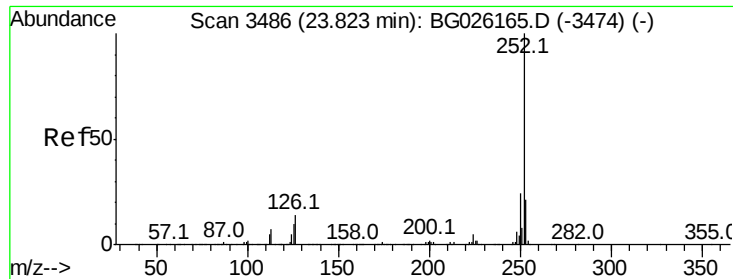


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGO





#87

Benzo(b)fluoranthene

Concen: 20.74 ng/ul

RT: 23.82 min Scan# 3529

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

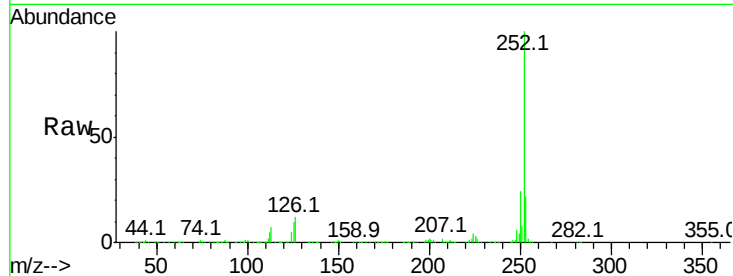
Tot Ion:252 Resp: 795748

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

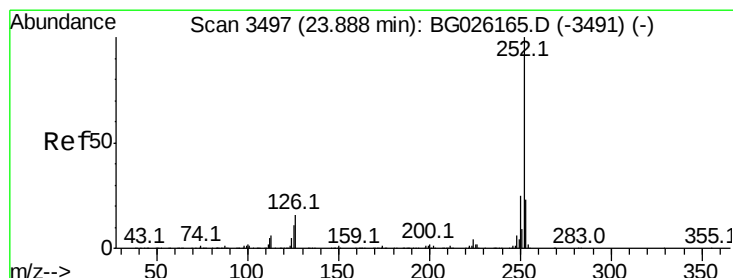
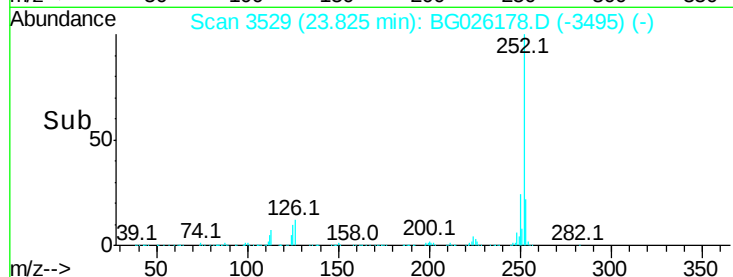
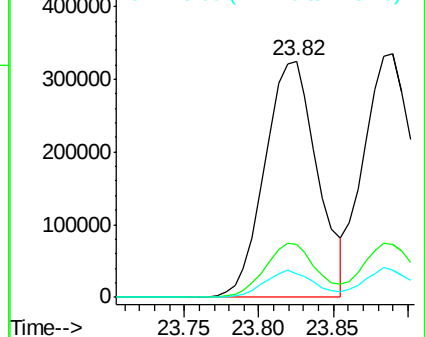
125 10.0 8.5 12.7



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



#88

Benzo(k)fluoranthene

Concen: 21.67 ng/ul

RT: 23.89 min Scan# 3540

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

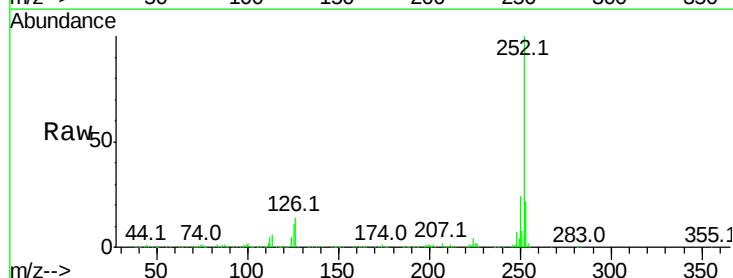
Tgt Ion:252 Resp: 809896

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

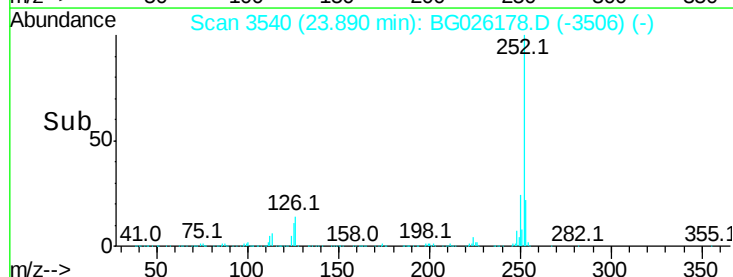
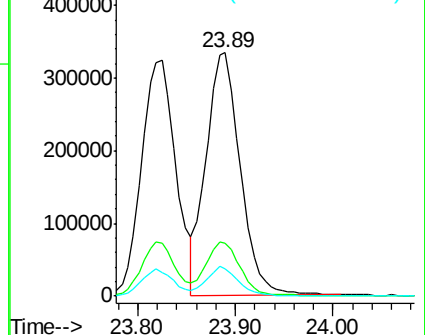
125 11.1 8.2 12.2

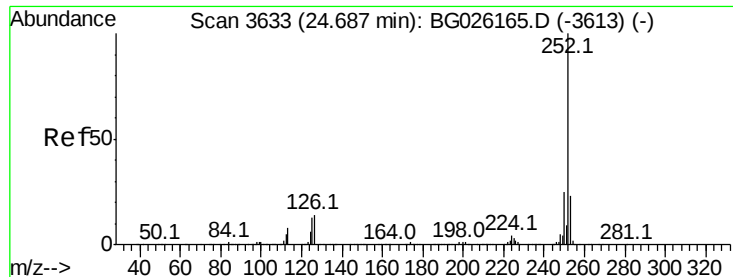


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 20.84 ng/ul

RT: 24.69 min Scan# 3676

Delta R.T. 0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

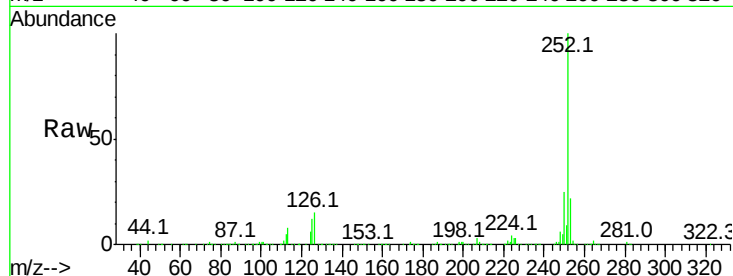
Tot Ion:252 Resp: 785815

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

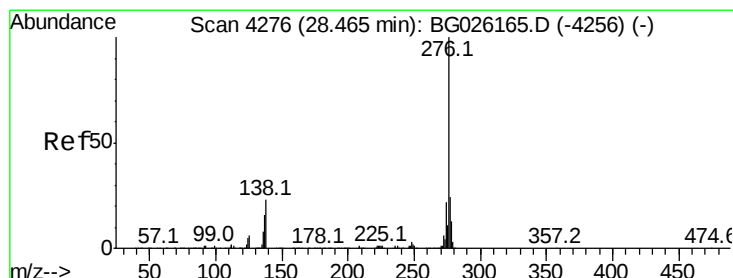
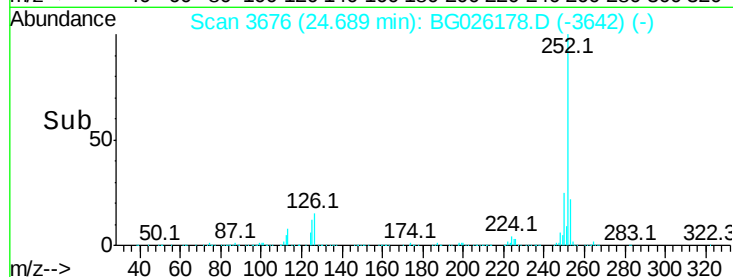
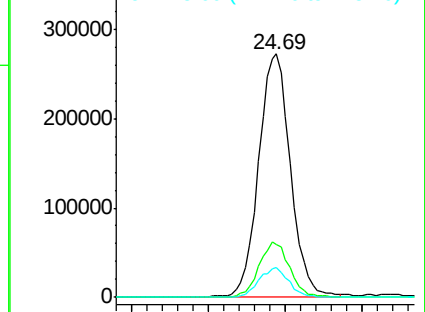
125 12.0 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 20.29 ng/ul

RT: 28.46 min Scan# 4318

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

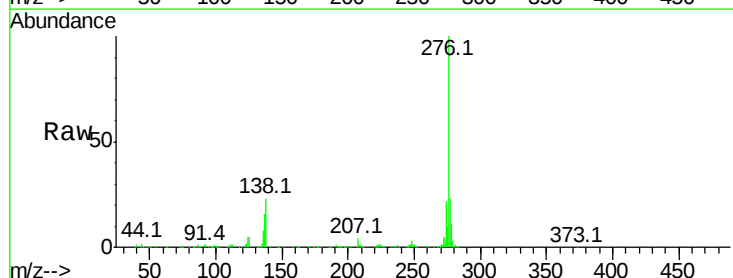
Tgt Ion:276 Resp: 922140

Ion Ratio Lower Upper

276 100

138 22.8 22.3 33.5

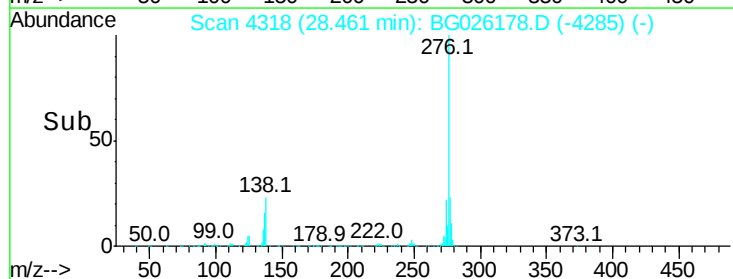
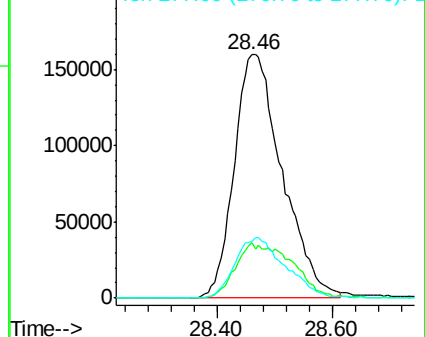
277 23.3 20.2 30.2

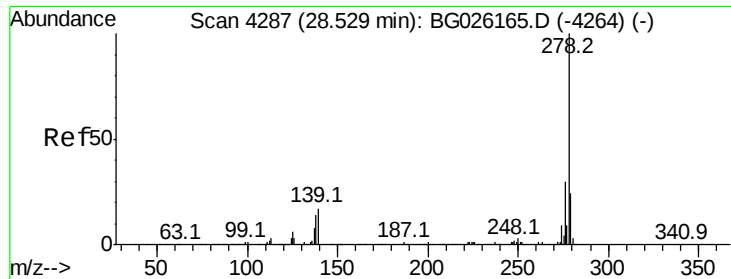


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 20.21 ng/ul

RT: 28.52 min Scan# 4328

Delta R.T. -0.01 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

Instrument :

BNA_G

ClientSampleId :

SSTD02020

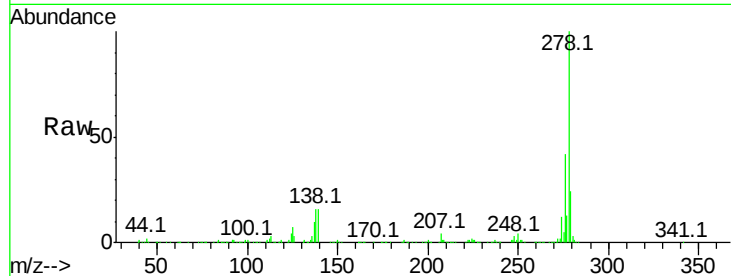
Tot Ion:278 Resp: 757847

Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.9	20.9
279	23.8	19.0	28.4

278 100

139 16.2 13.9 20.9

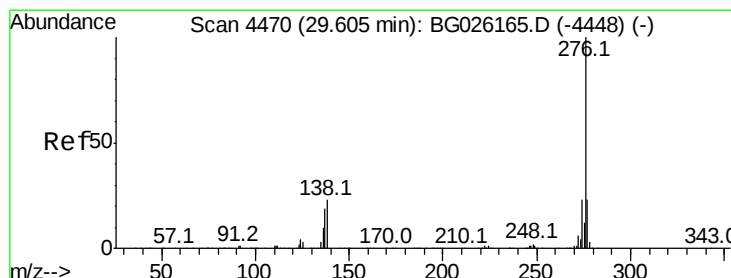
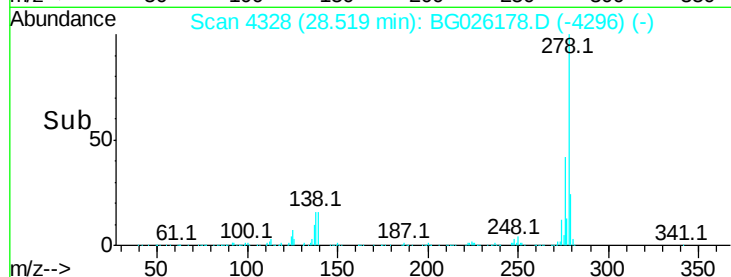
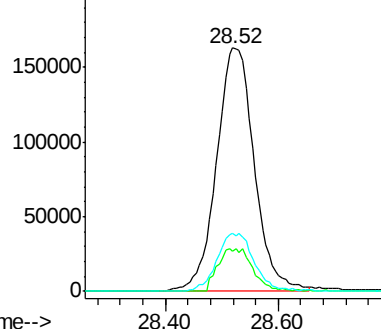
279 23.8 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 20.51 ng/ul

RT: 29.60 min Scan# 4512

Delta R.T. -0.00 min

Lab File: BG026178.D

Acq: 10 Mar 2017 18:04

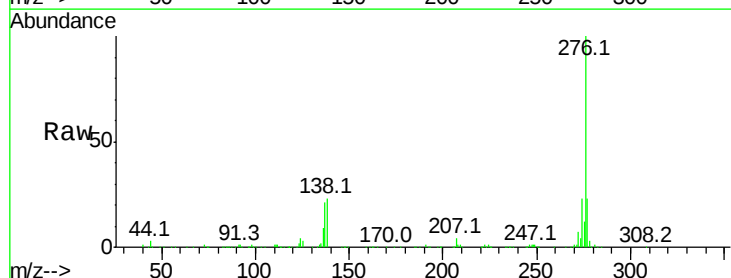
Tgt Ion:276 Resp: 774214

Ion	Ratio	Lower	Upper
276	100		
138	22.7	18.9	28.3
277	22.8	19.2	28.8

276 100

138 22.7 18.9 28.3

277 22.8 19.2 28.8



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

