

Data File : BG027537.D
Acq On : 19 Jun 2017 20:17
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02090

Quant Time: Jun 20 01:04:38 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 20 01:01:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	32397	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	165360	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	110924	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.85	188	265897	20.00	ng/ul	0.00
75) Chrysene-d12	22.23	240	302336	20.00	ng/ul	0.00
83) Perylene-d12	25.88	264	281660	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	4.08	96	5913	7.30	ng/uL	0.00
5) Phenol-d5	7.65	99	72574	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.83	67	50877	21.25	ng/ul	0.00
9) 2-Chlorophenol-d4	8.05	132	48890	21.06	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	58904	21.44	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	25843	21.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	27524	21.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.94	165	53270	22.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	73101	23.95	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	182011	19.60	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	218873	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	15.27	143	28780	15.84	ng/ul	0.00
57) Fluorene-d10	16.09	176	175174	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.20	200	26748	16.20	ng/ul	0.00
70) Anthracene-d10	17.95	188	252928	20.40	ng/ul	0.00
76) Pyrene-d10	20.22	212	281345	19.06	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.63	264	258349	20.37	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	4.12	88	7066	7.54	ng/uL#	83
4) Benzaldehyde	7.66	77	51245	24.95	ng/ul	93
6) Phenol	7.68	94	76538	20.79	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.92	93	55485	20.49	ng/ul	96
10) 2-Chlorophenol	8.08	128	49525	21.19	ng/ul	96
11) 2-Methylphenol	8.94	108	53863	20.24	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	9.03	45	96731	21.46	ng/ul	100
14) Acetophenone	9.33	105	91054	21.45	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.30	70	54424	22.69	ng/ul	89
16) 4-Methylphenol	9.26	108	62695	21.45	ng/ul	98
17) Hexachloroethane	9.61	117	19182	21.41	ng/ul	95
20) Nitrobenzene	9.73	77	75024	22.18	ng/ul	96
21) Isophorone	10.24	82	136768	20.50	ng/ul#	96
23) 2-Nitrophenol	10.44	139	31008	22.13	ng/ul#	82
24) 2,4-Dimethylphenol	10.47	107	73543	22.03	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.71	93	81963	19.97	ng/ul	96
27) 2,4-Dichlorophenol	10.97	162	53830	22.09	ng/ul	100
28) Naphthalene	11.39	128	171462	20.18	ng/ul	98
30) 4-Chloroaniline	11.49	127	70836	23.52	ng/ul	95
31) Hexachlorobutadiene	11.66	225	32512	21.69	ng/ul	92
32) Caprolactam	12.24	113	20907	19.45	ng/ul	93
33) 4-Chloro-3-methylphenol	12.56	107	73298	22.84	ng/ul	98
34) 2-Methylnaphthalene	12.96	142	129966	20.62	ng/ul	96

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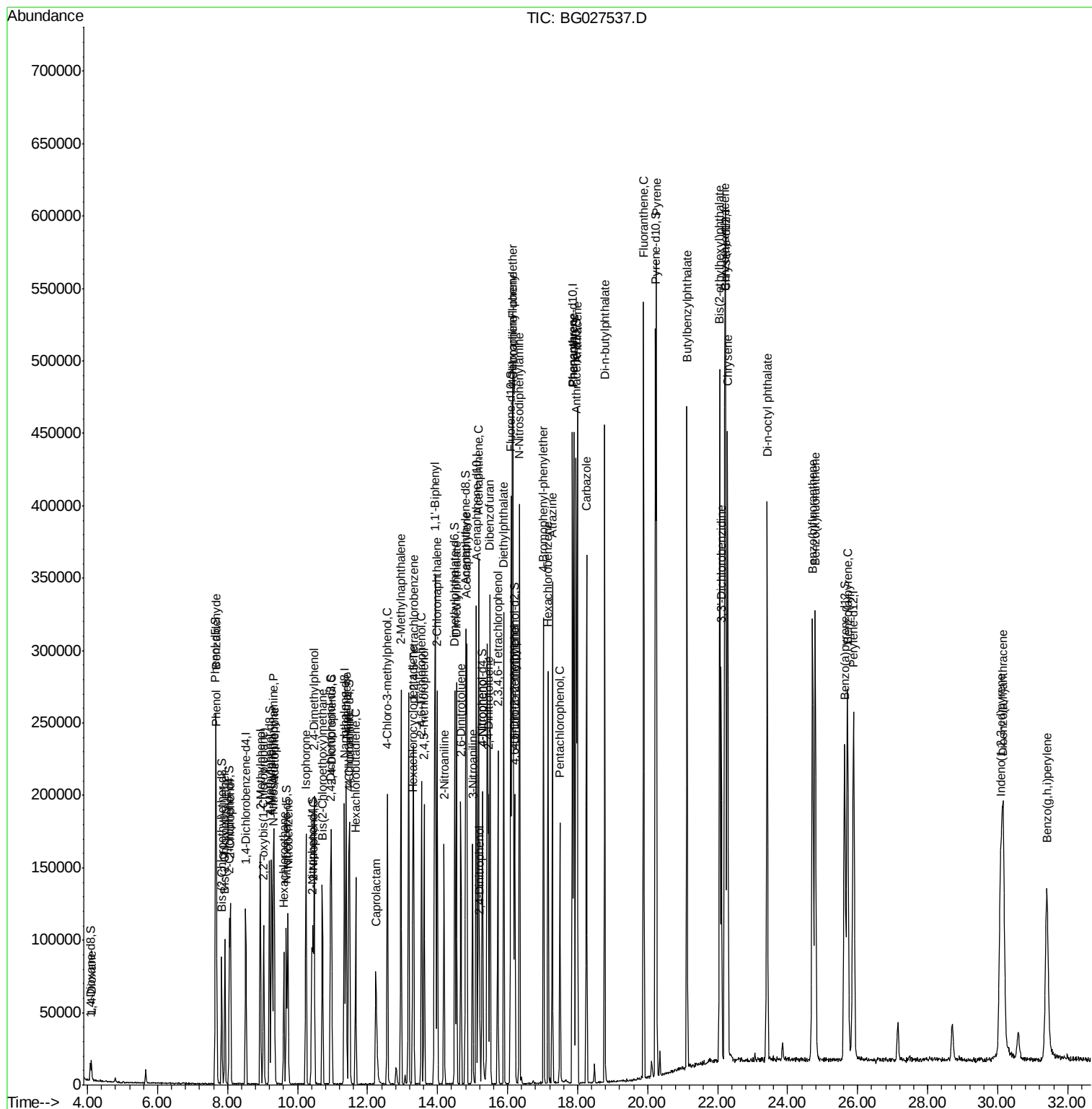
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.31	216	71508	21.78	ng/ul	97
37) Hexachlorocyclopentadiene	13.29	237	35147	19.11	ng/ul	96
38) 2,4,6-Trichlorophenol	13.54	196	47718	21.96	ng/ul	94
39) 2,4,5-Trichlorophenol	13.62	196	50911	22.50	ng/ul	99
40) 1,1'-Biphenyl	13.94	154	176742	20.14	ng/ul#	97
41) 2-Chloronaphthalene	13.99	162	134969	20.39	ng/ul	94
42) 2-Nitroaniline	14.19	65	57339	23.03	ng/ul	97
44) Dimethylphthalate	14.54	163	178667	19.40	ng/ul	97
45) 2,6-Dinitrotoluene	14.67	165	36239	21.13	ng/ul#	92
47) Acenaphthylene	14.83	152	218406	20.37	ng/ul	98
48) 3-Nitroaniline	15.00	138	37025	19.90	ng/ul#	93
49) Acenaphthene	15.17	153	147119	19.68	ng/ul	97
50) 2,4-Dinitrophenol	15.20	184	14920	12.56	ng/ul	93
52) 4-Nitrophenol	15.29	109	27347	18.93	ng/ul#	59
53) Dibenzofuran	15.50	168	218215	20.03	ng/ul	96
54) 2,4-Dinitrotoluene	15.45	165	52985	20.18	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.72	232	47853	21.75	ng/ul	92
56) Diethylphthalate	15.89	149	190630	19.58	ng/ul	99
58) Fluorene	16.15	166	179563	19.86	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.13	204	93287	20.52	ng/ul	90
60) 4-Nitroaniline	16.16	138	41259	18.10	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	16.21	198	28311	16.25	ng/ul#	95
64) N-Nitrosodiphenylamine	16.34	169	158212	20.68	ng/ul	93
65) 4-Bromophenyl-phenylether	17.02	248	58986	21.90	ng/ul	87
66) Hexachlorobenzene	17.15	284	62125	21.90	ng/ul	95
67) Atrazine	17.28	200	60948	20.80	ng/ul	96
68) Pentachlorophenol	17.49	266	33669	17.88	ng/ul	91
69) Phenanthrene	17.89	178	284286	19.90	ng/ul	97
71) Anthracene	17.99	178	292074	20.10	ng/ul	99
72) Carbazole	18.25	167	241972	19.36	ng/ul	99
73) Di-n-butylphthalate	18.78	149	311667	20.17	ng/ul	97
74) Fluoranthene	19.89	202	328031	20.40	ng/ul#	88
77) Pyrene	20.25	202	343018	19.19	ng/ul#	85
78) Butylbenzylphthalate	21.13	149	139901	20.77	ng/ul	99
79) 3,3'-Dichlorobenzidine	22.10	252	102228	18.37	ng/ul#	97
80) Benzo(a)anthracene	22.21	228	342627	20.35	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.06	149	197203	20.39	ng/ul	97
82) Chrysene	22.28	228	309941	20.38	ng/ul	97
84) Di-n-octyl phthalate	23.42	149	337662	19.13	ng/ul	100
85) Benzo(b)fluoranthene	24.71	252	336482	20.06	ng/ul#	97
86) Benzo(k)fluoranthene	24.79	252	320514	19.88	ng/ul#	95
88) Benzo(a)pyrene	25.71	252	322367	20.02	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	30.09	276	363444	19.77	ng/ul#	93
90) Dibenzo(a,h)anthracene	30.15	278	313518	19.86	ng/ul#	92
91) Benzo(g,h,i)perylene	31.41	276	283716	18.85	ng/ul#	91

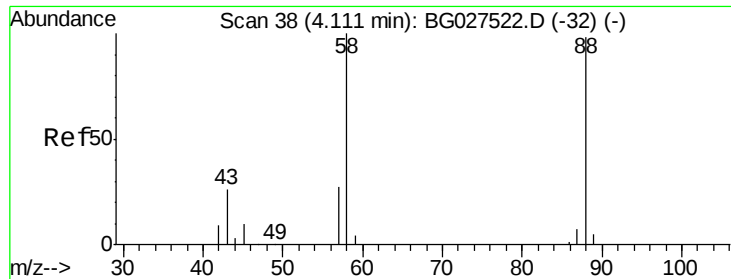
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.54 ng/uL

RT: 4.12 min Scan# 39

Delta R.T. 0.01 min

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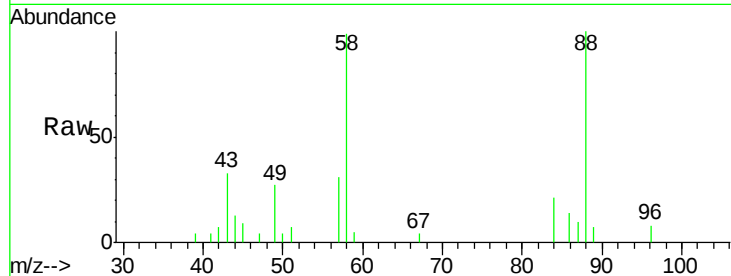
Tgt Ion: 88 Resp: 7066

Ion Ratio Lower Upper

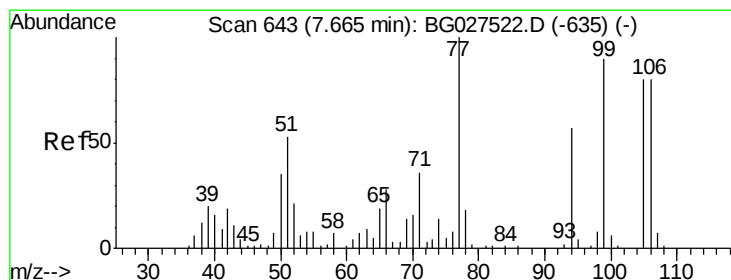
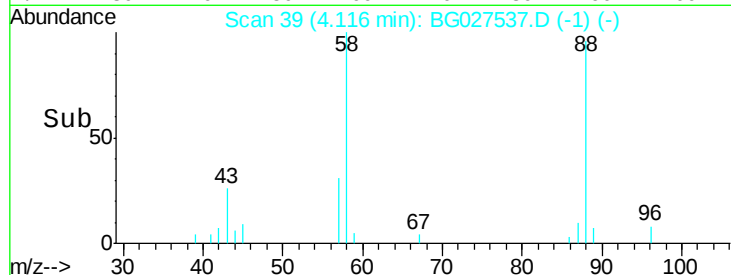
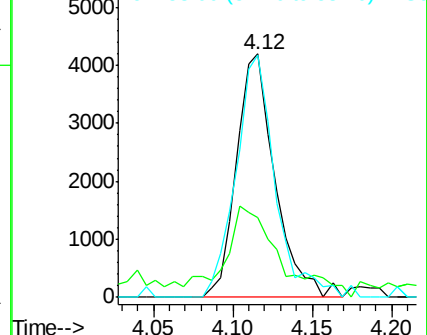
88 100

43 32.7 39.2 58.8#

58 99.4 69.4 104.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 43.00 (42.70 to 43.70): BGC
Ion 58.00 (57.70 to 58.70): BGC



#4

Benzaldehyde

Concen: 24.95 ng/uL

RT: 7.66 min Scan# 643

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

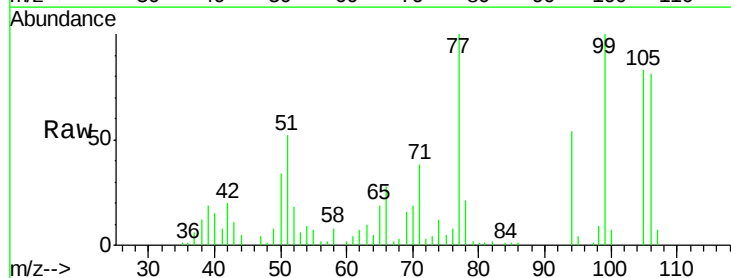
Tgt Ion: 77 Resp: 51245

Ion Ratio Lower Upper

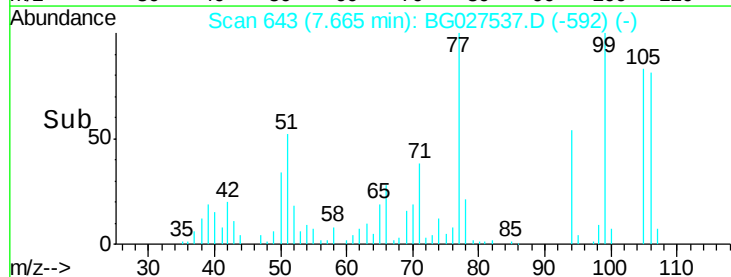
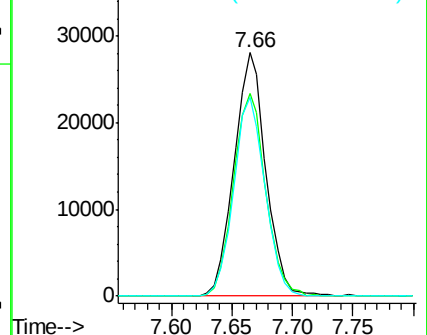
77 100

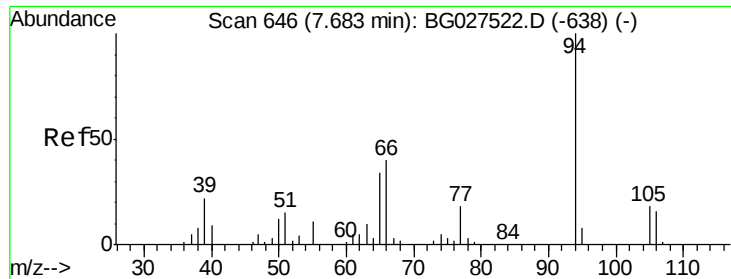
105 83.0 62.0 93.0

106 81.7 60.2 90.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 20.79 ng/ul

RT: 7.68 min Scan# 646

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

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SSTD02090

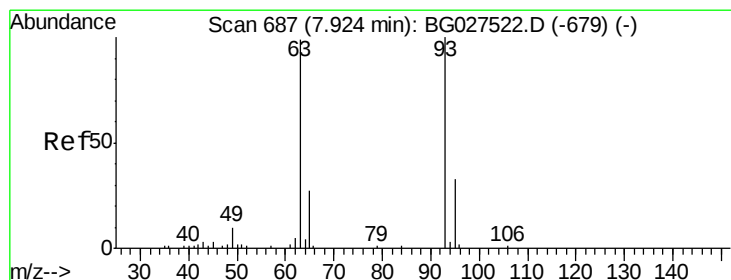
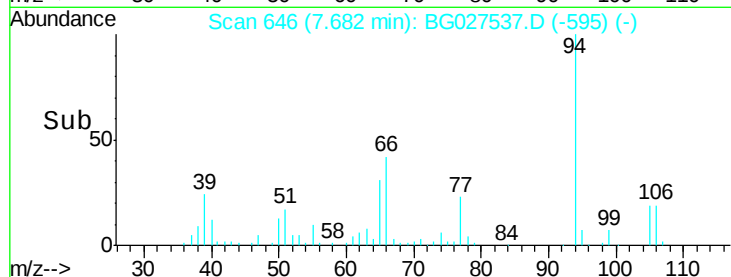
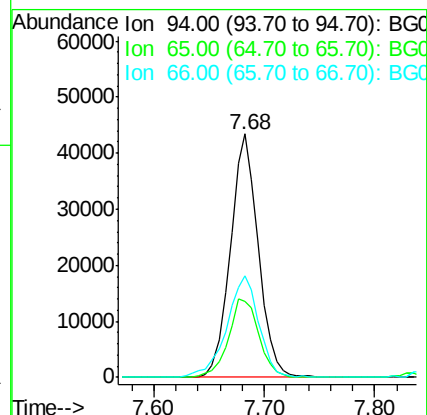
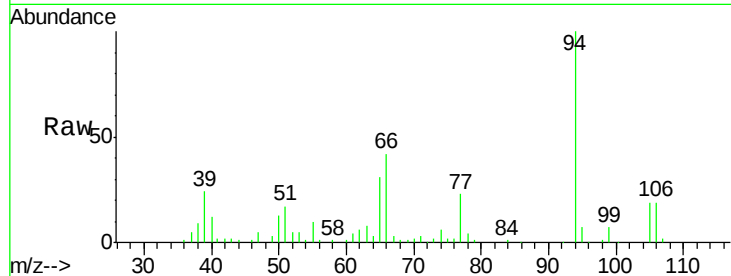
Tgt Ion: 94 Resp: 76538

Ion Ratio Lower Upper

94 100

65 31.1 26.8 40.2

66 42.0 44.4 66.6#



#8

Bis(2-Chloroethyl)ether

Concen: 20.49 ng/ul

RT: 7.92 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

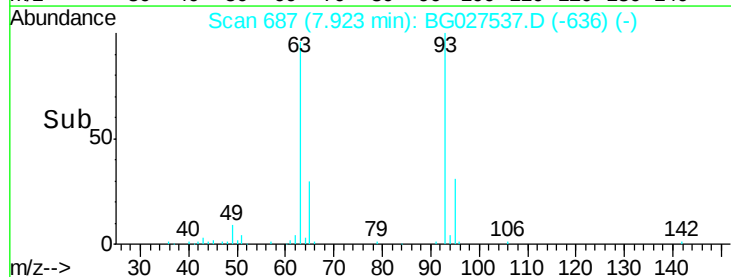
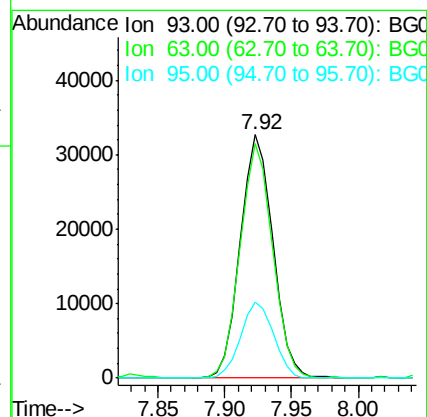
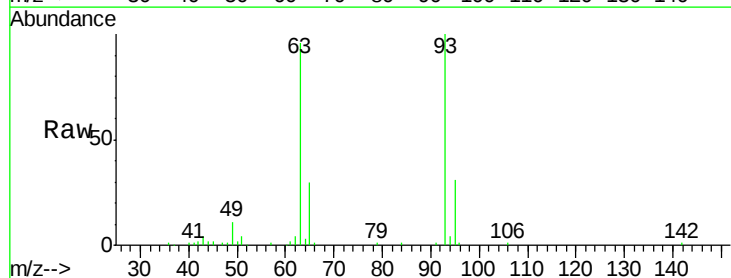
Tgt Ion: 93 Resp: 55485

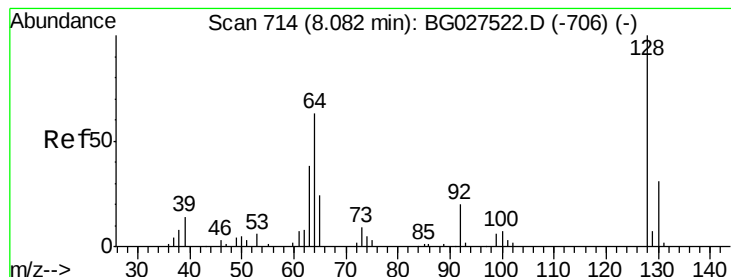
Ion Ratio Lower Upper

93 100

63 96.2 75.5 113.3

95 31.2 29.2 43.8





#10

2-Chlorophenol

Concen: 21.19 ng/ul

RT: 8.08 min Scan# 714

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

Instrument :

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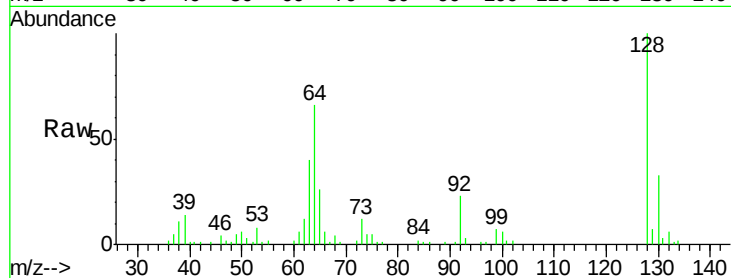
Tgt Ion:128 Resp: 49525

Ion Ratio Lower Upper

128 100

64 66.3 56.3 84.5

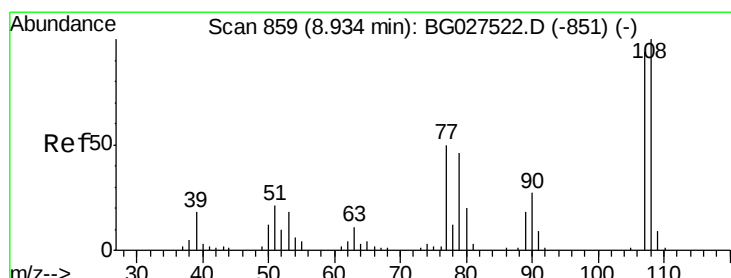
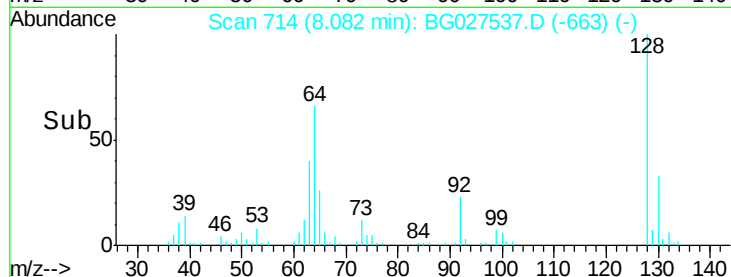
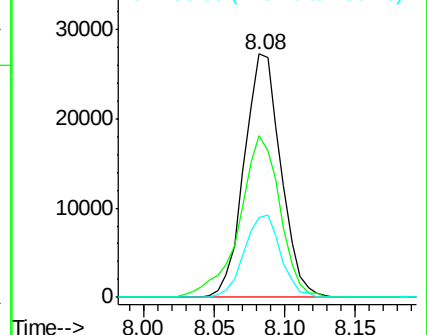
130 32.8 26.7 40.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.24 ng/ul

RT: 8.94 min Scan# 860

Delta R.T. 0.01 min

Lab File: BG027537.D

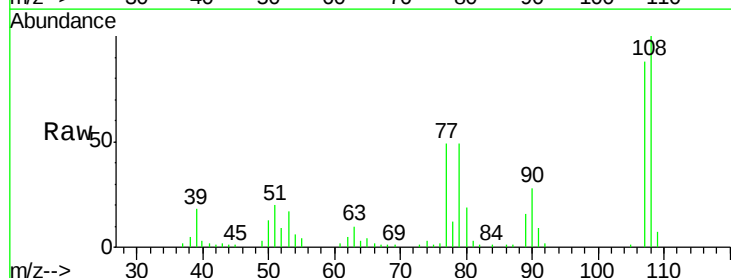
Acq: 19 Jun 2017 20:17

Tgt Ion:108 Resp: 53863

Ion Ratio Lower Upper

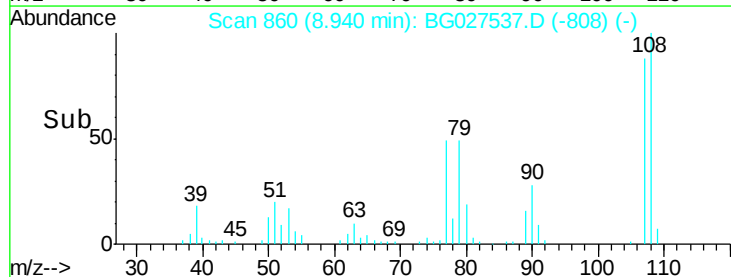
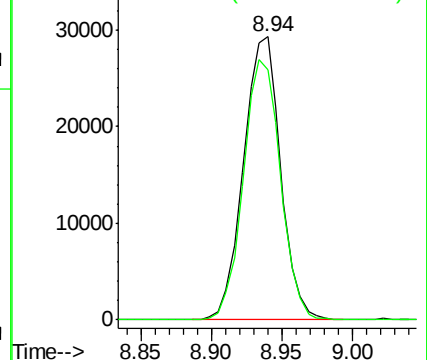
108 100

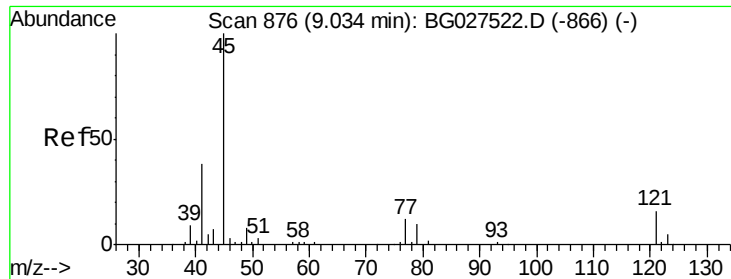
107 88.4 76.7 115.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

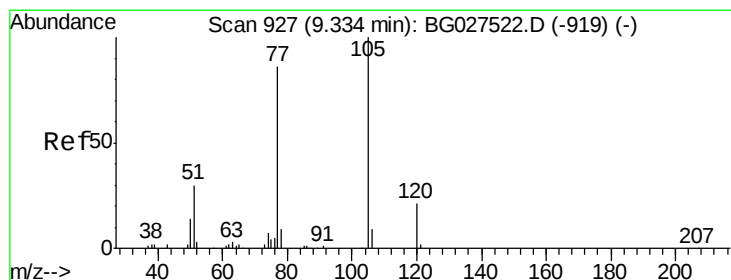
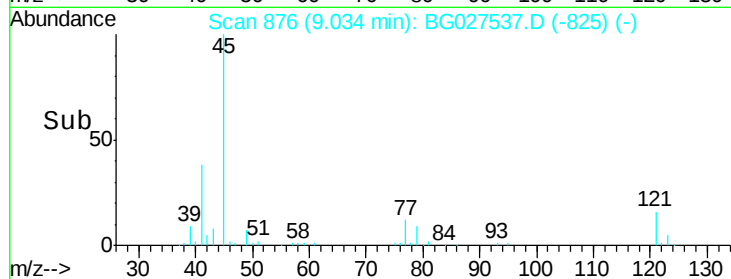
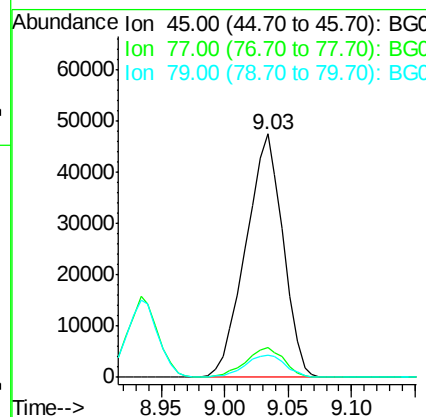
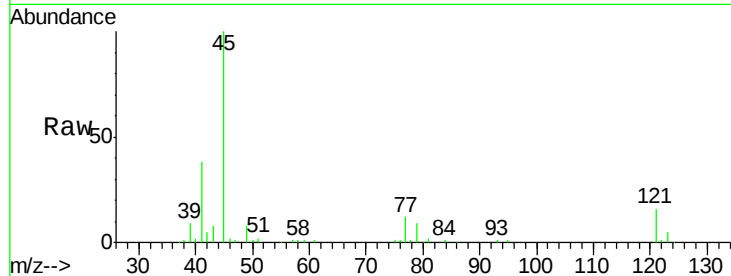




#12
2,2'-oxybis(1-chloropropane)
Concen: 21.46 ng/ul
RT: 9.03 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG027537.D
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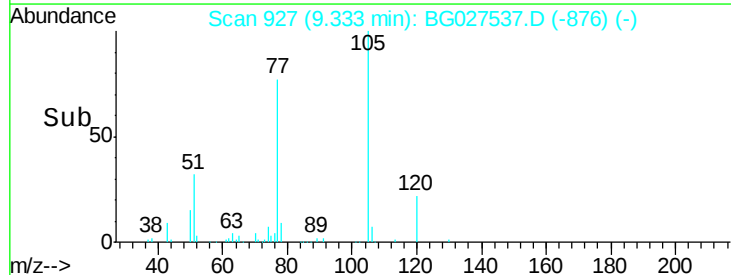
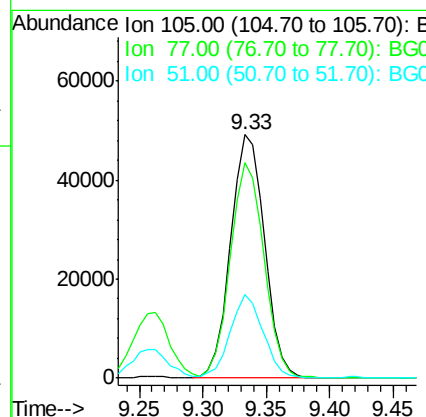
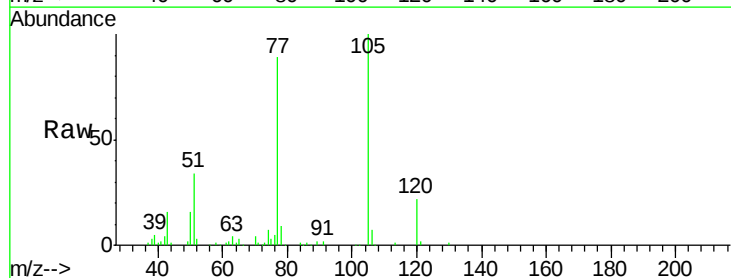
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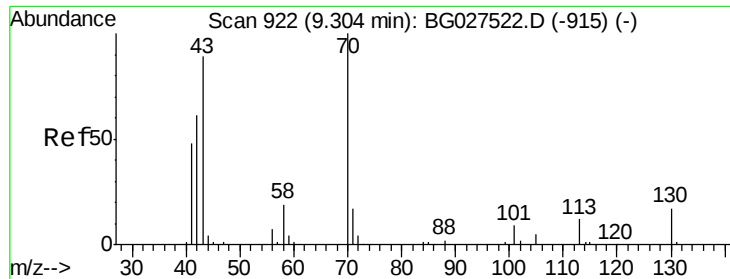
Tgt Ion: 45 Resp: 96731
Ion Ratio Lower Upper
45 100
77 12.4 10.0 15.0
79 9.0 7.3 10.9



#14
Acetophenone
Concen: 21.45 ng/ul
RT: 9.33 min Scan# 927
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion: 105 Resp: 91054
Ion Ratio Lower Upper
105 100
77 88.7 76.0 114.0
51 34.2 34.8 52.2#

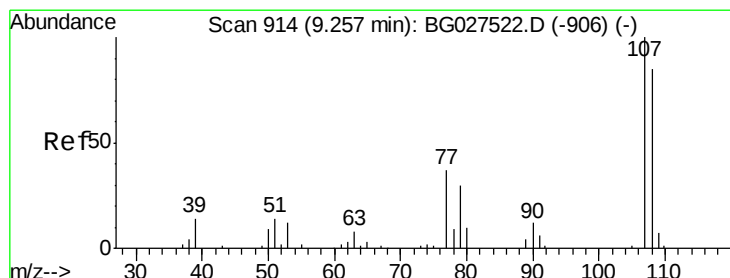
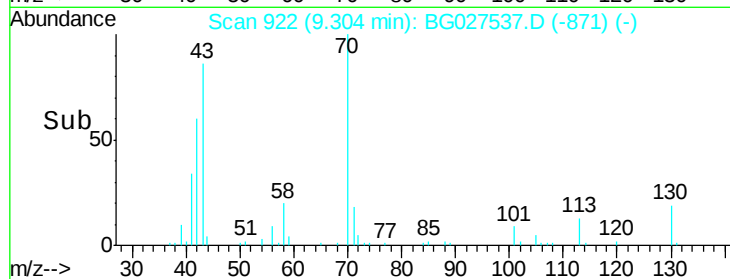
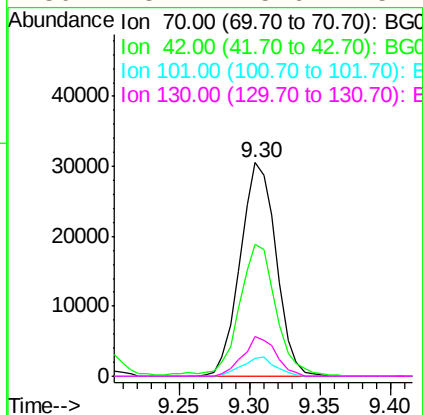
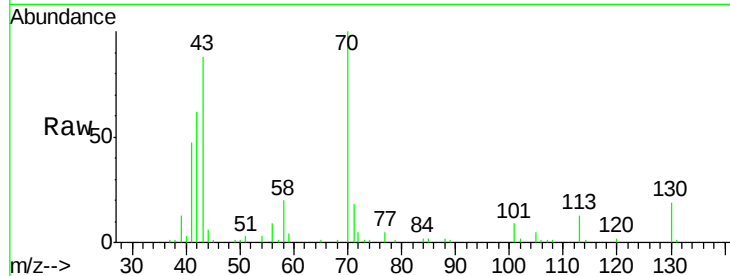




#15
N-Nitroso-di-n-propylamine
Concen: 22.69 ng/ul
RT: 9.30 min Scan# 922
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

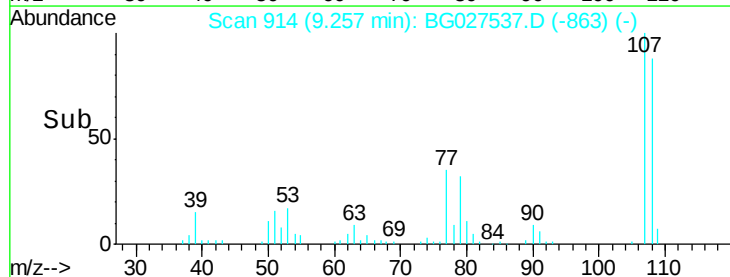
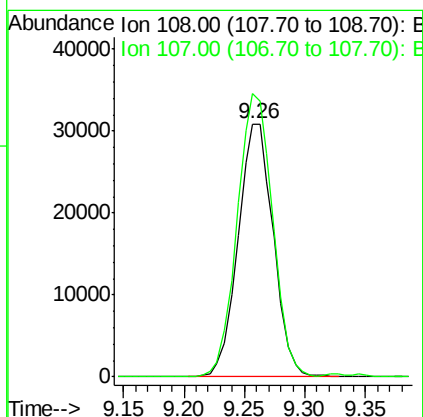
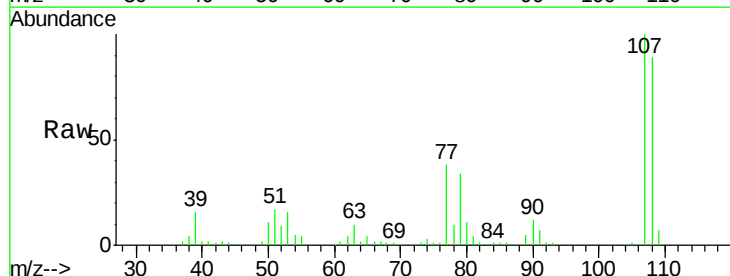
Instrument :
BNA_G
ClientSampleId :
SSTD02090

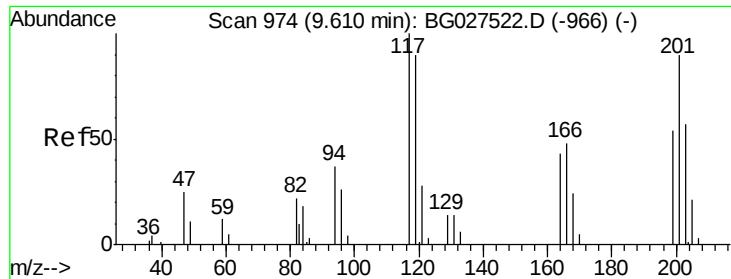
Tgt Ion:	70	Resp:	54424
Ion	Ratio	Lower	Upper
70	100		
42	61.8	59.0	88.6
101	8.6	6.6	9.8
130	18.7	15.6	23.4



#16
4-Methylphenol
Concen: 21.45 ng/ul
RT: 9.26 min Scan# 914
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion:	108	Resp:	62695
Ion	Ratio	Lower	Upper
108	100		
107	111.9	91.7	137.5

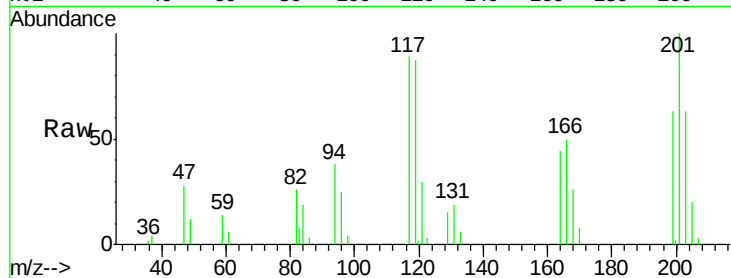




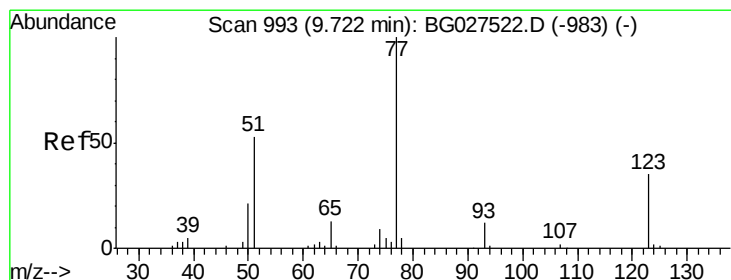
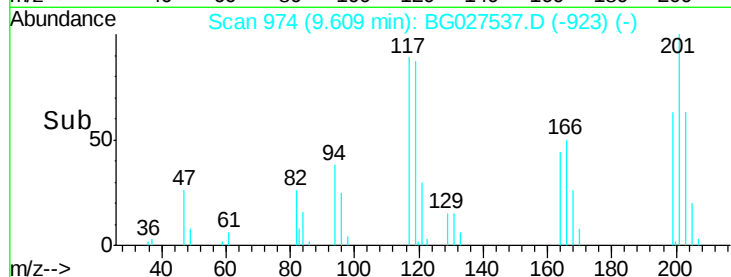
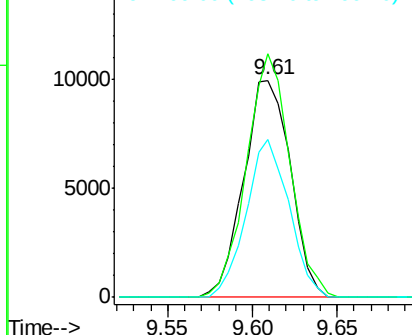
#17
Hexachloroethane
Concen: 21.41 ng/ul
RT: 9.61 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Instrument :
BNA_G
ClientSampleId :
SSTD02090

Tgt Ion: 117 Resp: 19182
Ion Ratio Lower Upper
117 100
201 112.2 91.9 137.9
199 72.7 64.3 96.5

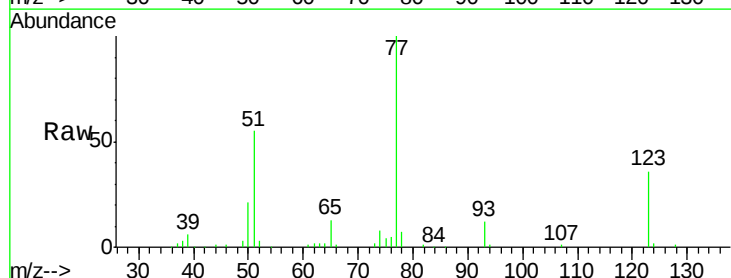


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

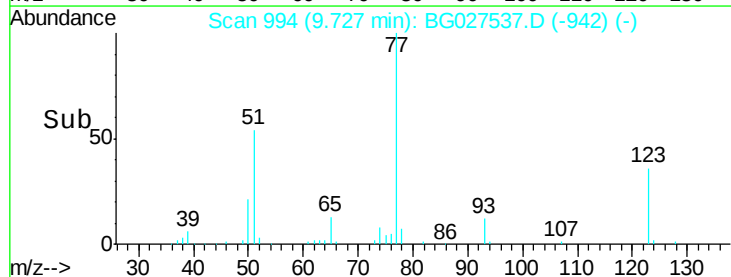
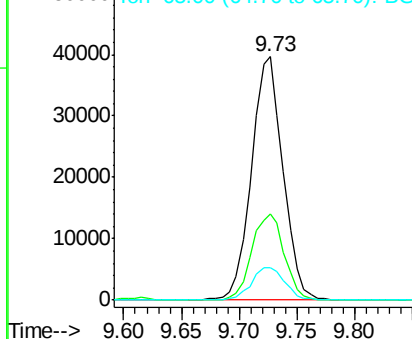


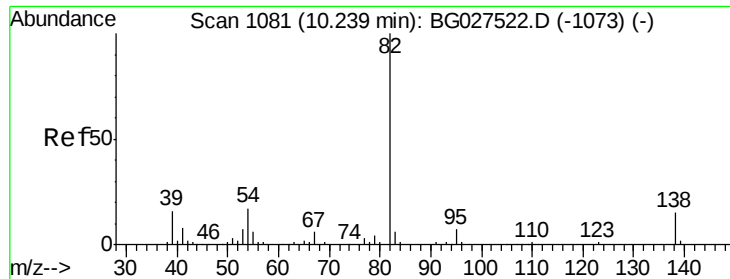
#20
Nitrobenzene
Concen: 22.18 ng/ul
RT: 9.73 min Scan# 994
Delta R.T. 0.01 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion: 77 Resp: 75024
Ion Ratio Lower Upper
77 100
123 35.6 27.4 41.0
65 13.3 13.3 19.9



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





#21

Isophorone

Concen: 20.50 ng/ul

RT: 10.24 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD02090

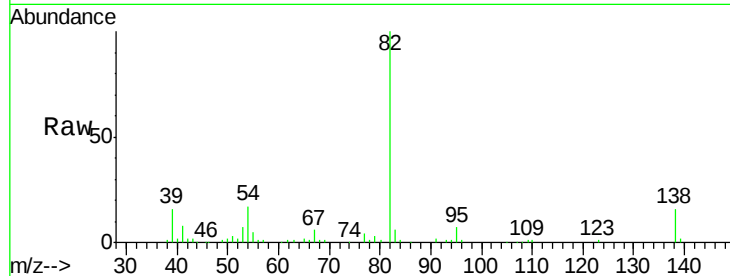
Tgt Ion: 82 Resp: 136768

Ion Ratio Lower Upper

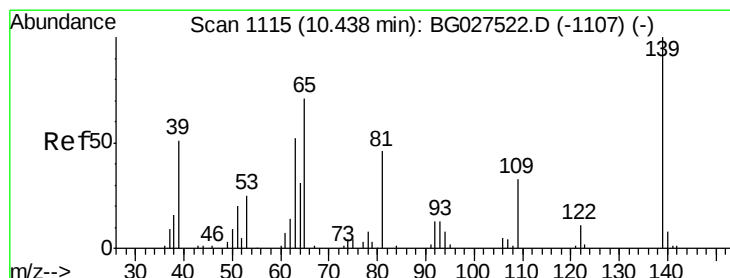
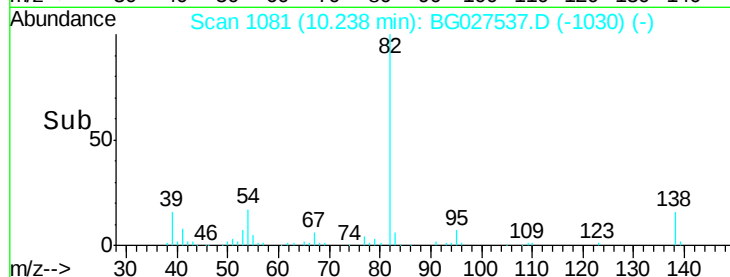
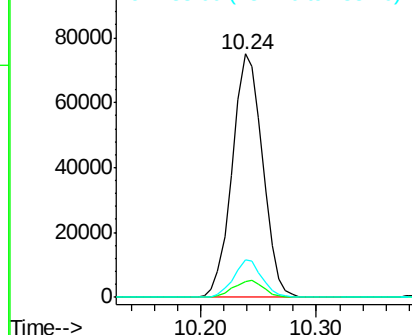
82 100

95 6.7 7.8 11.6#

138 15.5 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: 22.13 ng/ul

RT: 10.44 min Scan# 1115

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

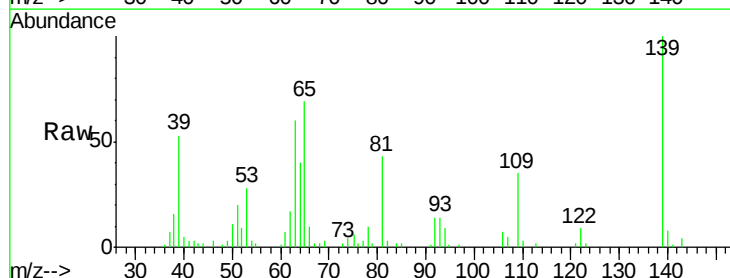
Tgt Ion: 139 Resp: 31008

Ion Ratio Lower Upper

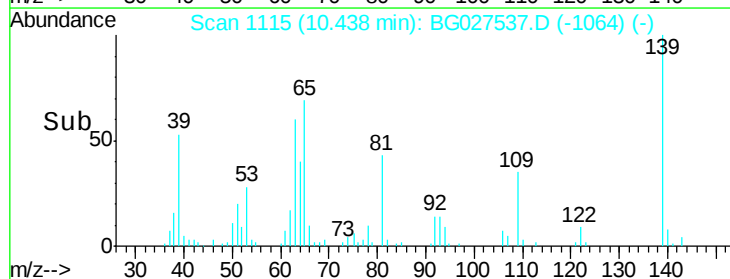
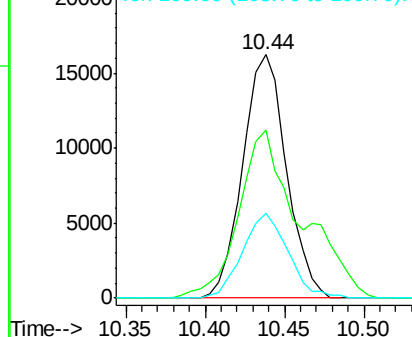
139 100

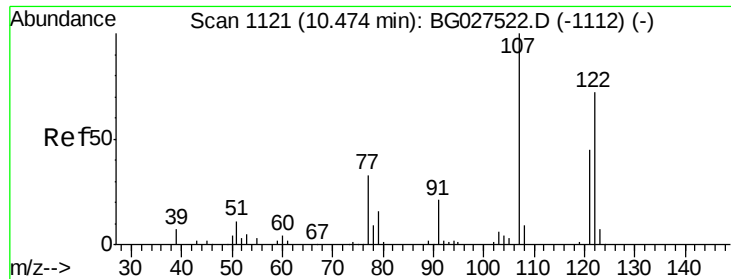
65 69.2 67.0 100.6

109 34.9 39.6 59.4#



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

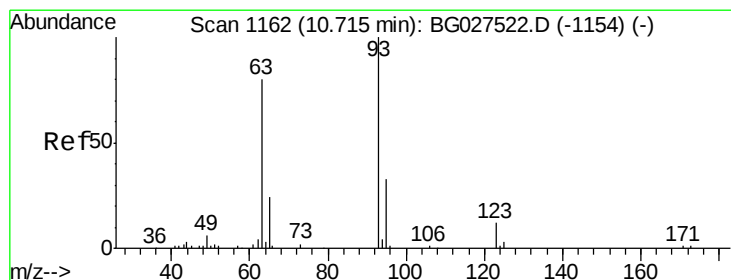
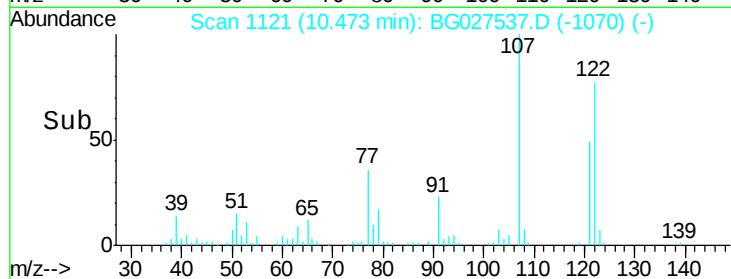
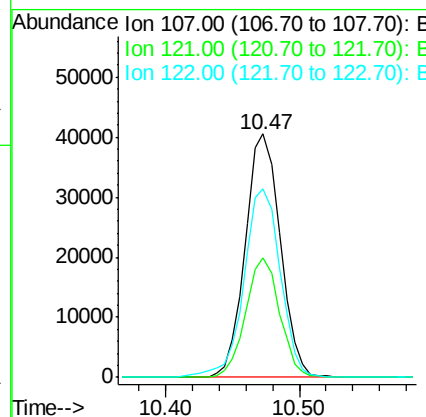
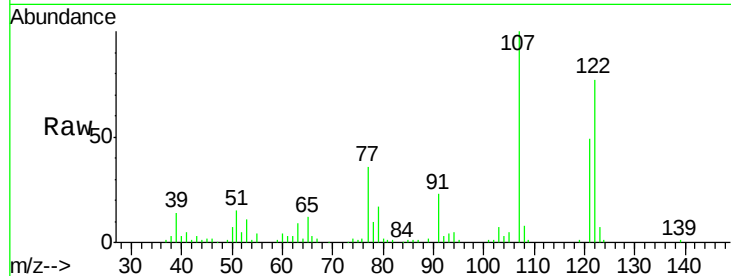




#24
 2,4-Dimethylphenol
 Concen: 22.03 ng/ul
 RT: 10.47 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

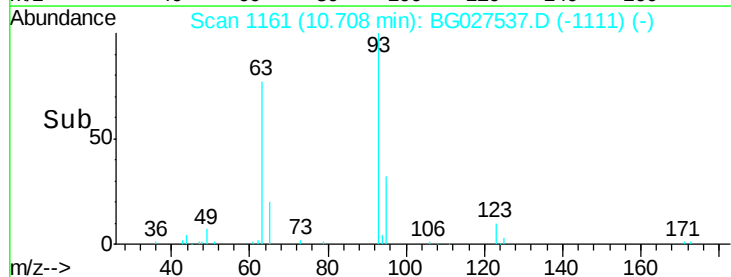
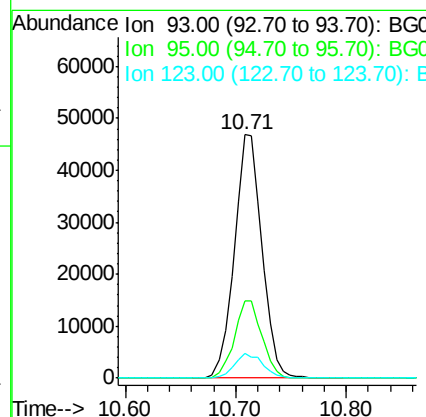
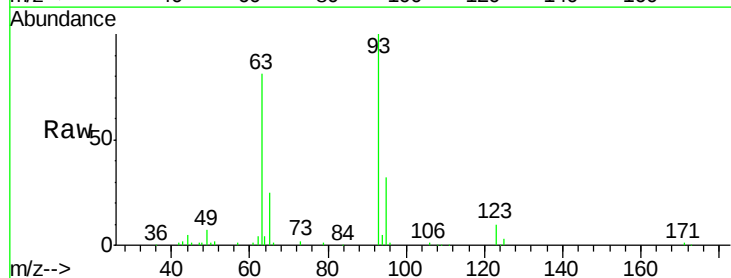
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

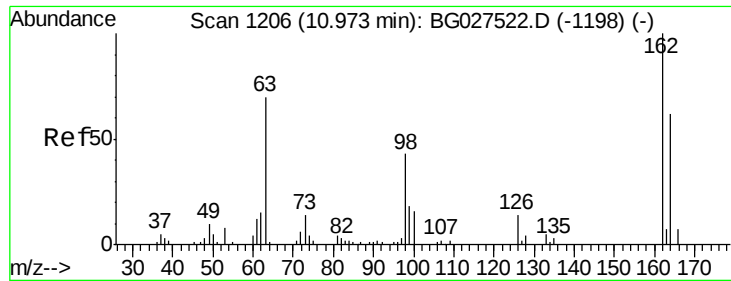
Tgt Ion: 107 Resp: 73543
 Ion Ratio Lower Upper
 107 100
 121 48.9 32.3 48.5#
 122 77.3 61.2 91.8



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.97 ng/ul
 RT: 10.71 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion: 93 Resp: 81963
 Ion Ratio Lower Upper
 93 100
 95 31.8 23.4 35.0
 123 10.2 7.8 11.6

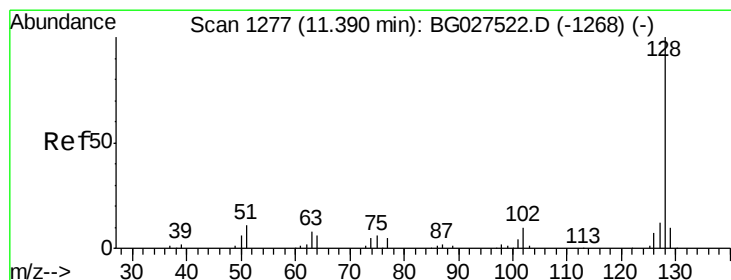
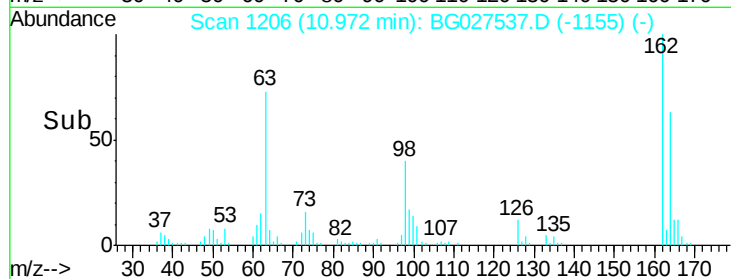
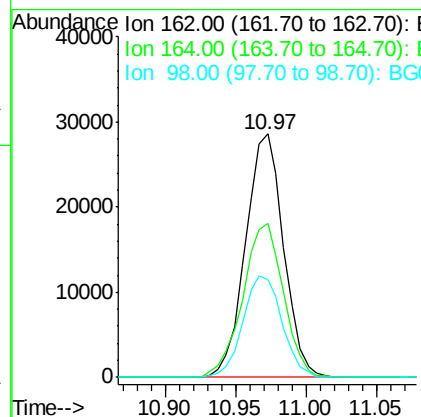
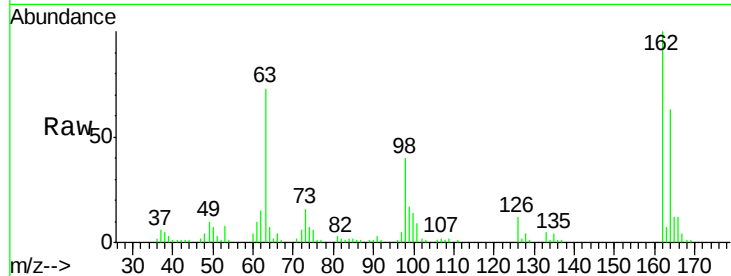




#27
2,4-Dichlorophenol
Concen: 22.09 ng/ul
RT: 10.97 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

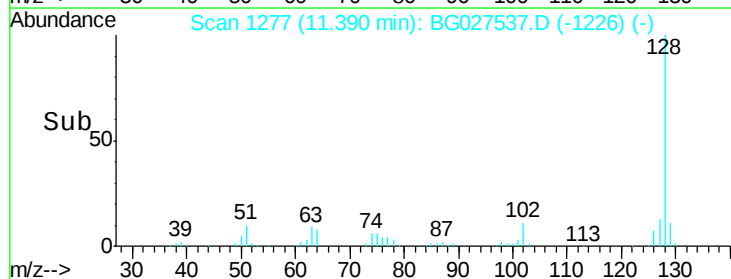
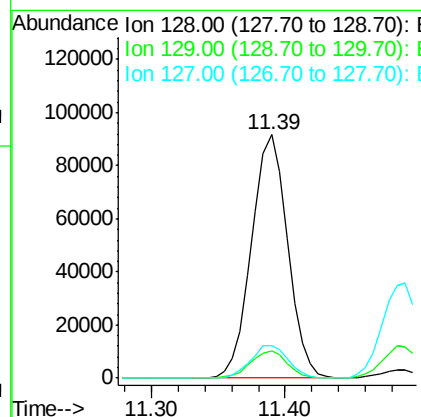
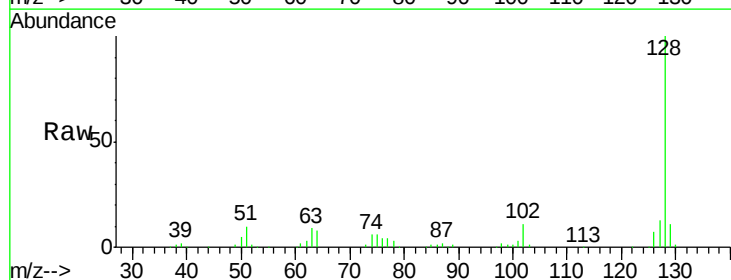
Instrument :
BNA_G
ClientSampleId :
SSTD02090

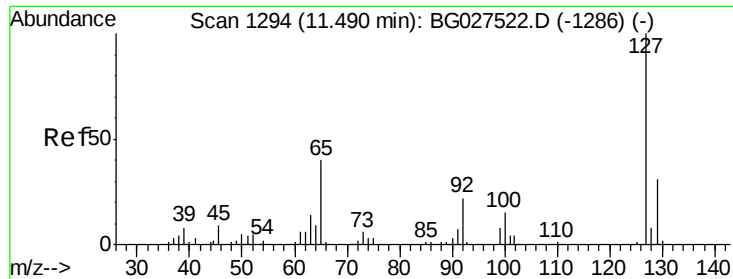
Tgt Ion:162 Resp: 53830
Ion Ratio Lower Upper
162 100
164 63.1 50.8 76.2
98 40.2 32.1 48.1



#28
Naphthalene
Concen: 20.18 ng/ul
RT: 11.39 min Scan# 1277
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion:128 Resp: 171462
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.2
127 13.4 10.3 15.5

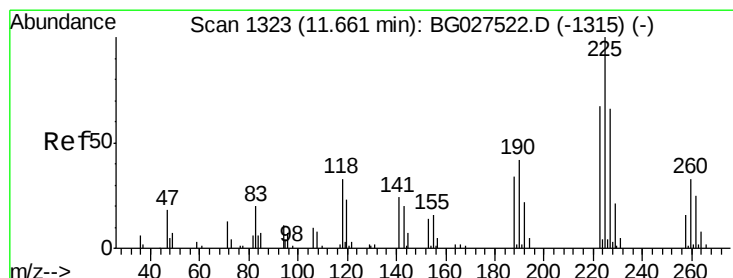
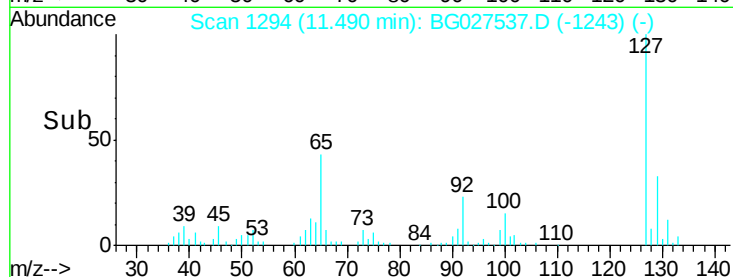
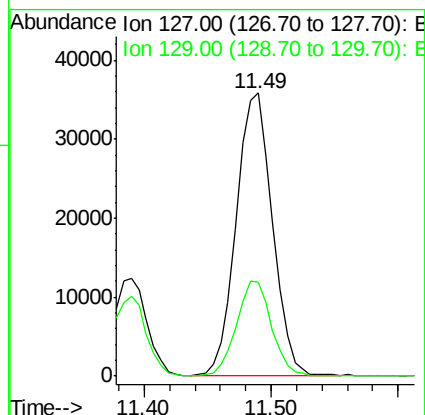
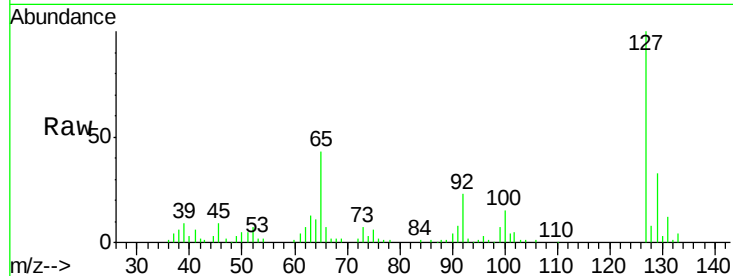




#30
4-Chloroaniline
Concen: 23.52 ng/ul
RT: 11.49 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

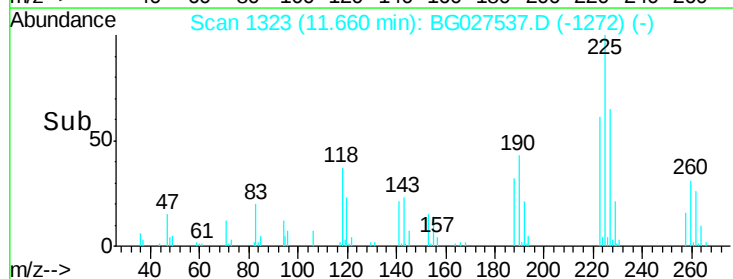
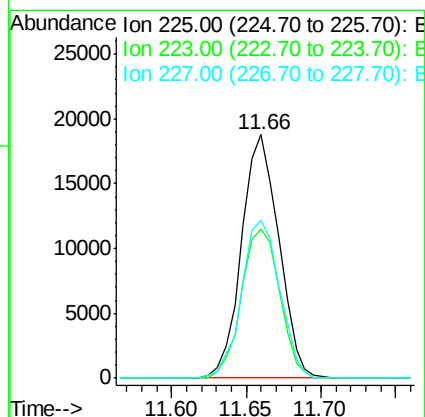
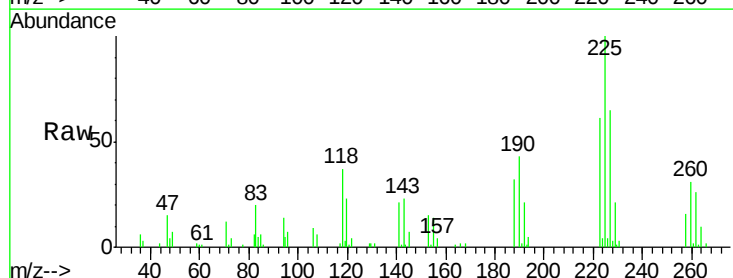
Instrument :
BNA_G
ClientSampleId :
SSTD02090

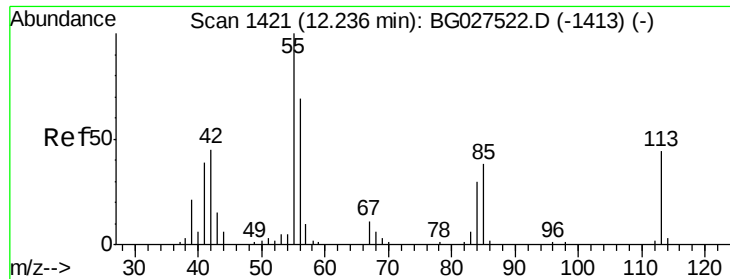
Tgt Ion:127 Resp: 70836
Ion Ratio Lower Upper
127 100
129 33.3 28.9 43.3



#31
Hexachlorobutadiene
Concen: 21.69 ng/ul
RT: 11.66 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion:225 Resp: 32512
Ion Ratio Lower Upper
225 100
223 61.2 45.9 68.9
227 64.6 44.7 67.1

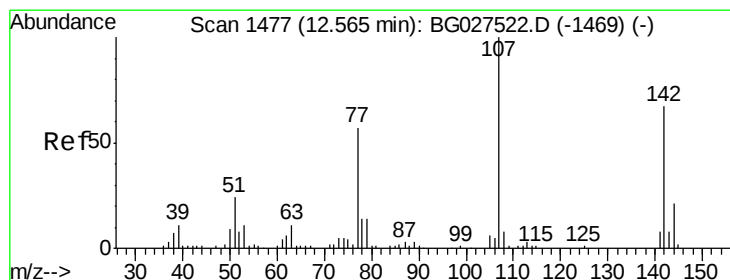
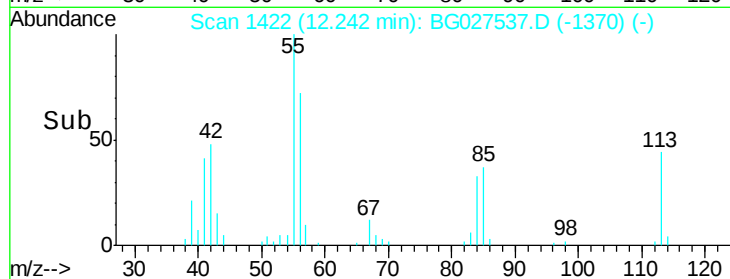
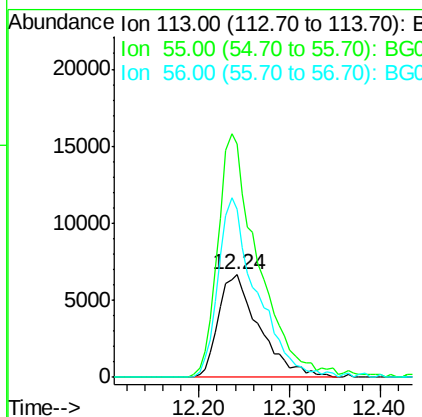
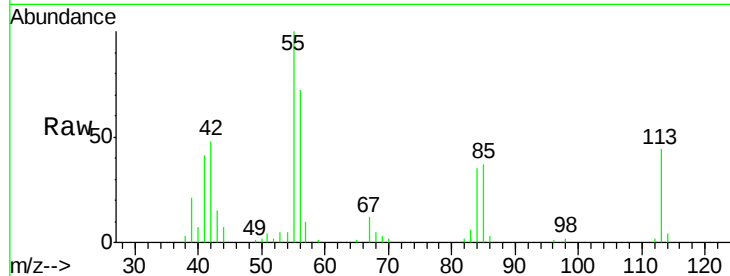




#32
 Caprolactam
 Concen: 19.45 ng/ul
 RT: 12.24 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

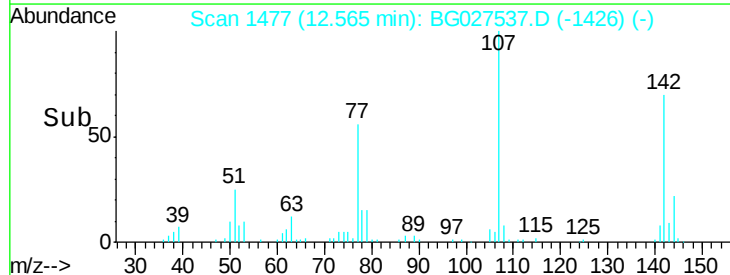
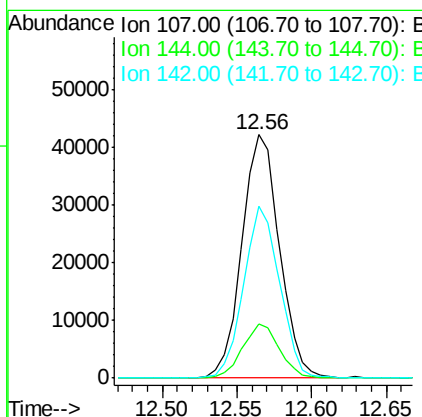
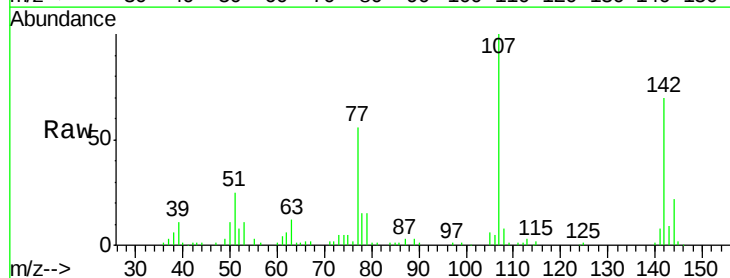
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

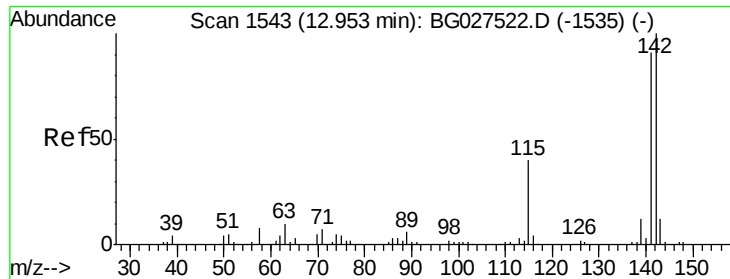
Tgt Ion:113 Resp: 20907
 Ion Ratio Lower Upper
 113 100
 55 227.3 168.6 252.8
 56 163.3 128.5 192.7



#33
 4-Chloro-3-methylphenol
 Concen: 22.84 ng/ul
 RT: 12.56 min Scan# 1477
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion:107 Resp: 73298
 Ion Ratio Lower Upper
 107 100
 144 22.3 18.2 27.4
 142 70.4 55.0 82.4

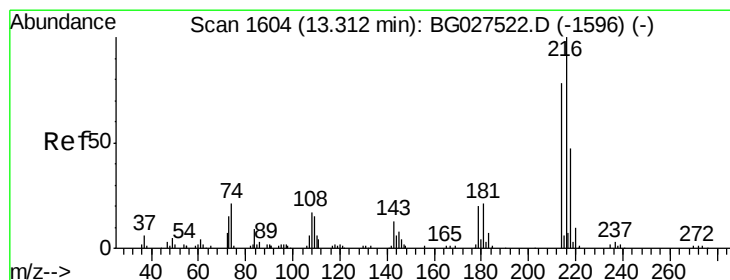
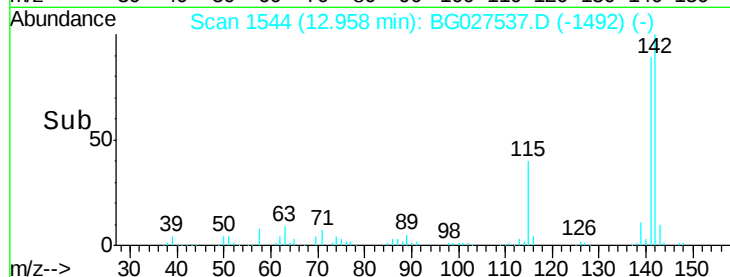
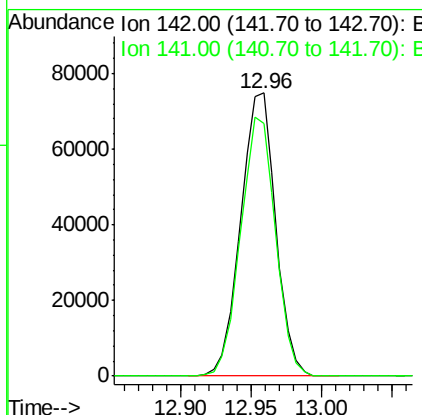
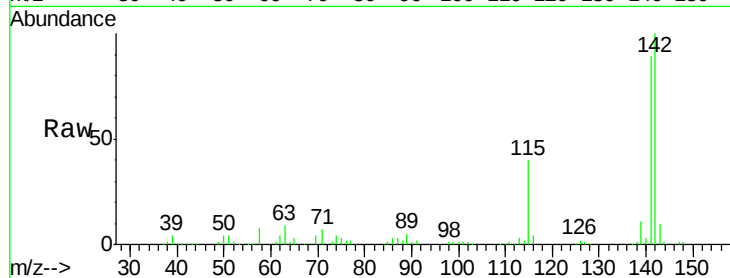




#34
 2-Methylnaphthalene
 Concen: 20.62 ng/ul
 RT: 12.96 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

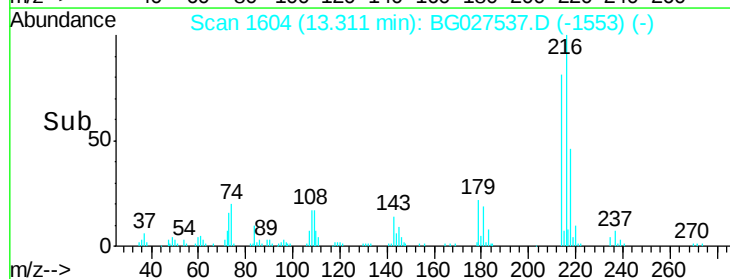
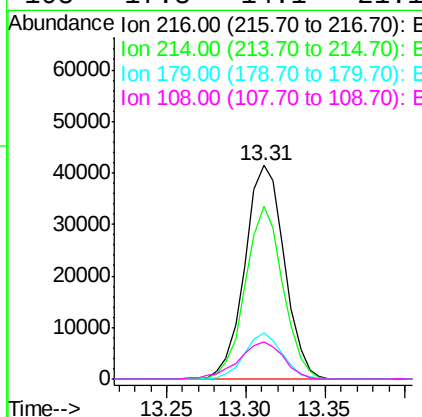
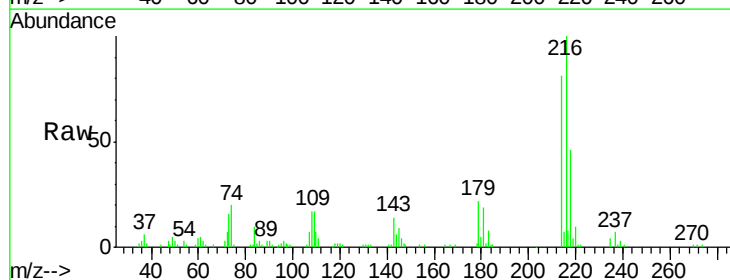
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

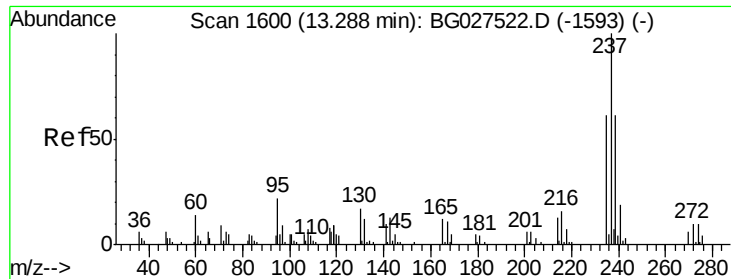
Tgt Ion:142 Resp: 129966
 Ion Ratio Lower Upper
 142 100
 141 89.3 68.6 102.8



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.78 ng/ul
 RT: 13.31 min Scan# 1604
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion:216 Resp: 71508
 Ion Ratio Lower Upper
 216 100
 214 80.9 67.0 100.6
 179 21.9 18.1 27.1
 108 17.3 14.1 21.1

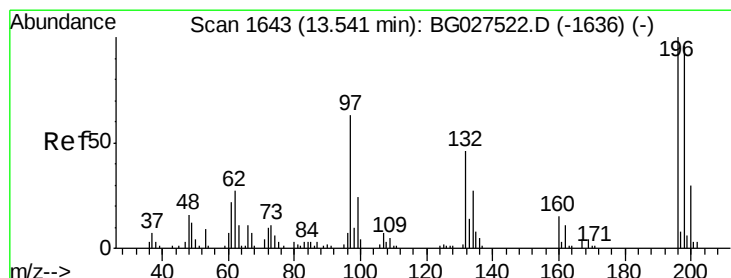
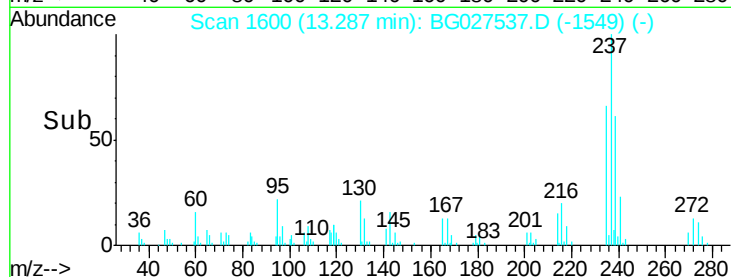
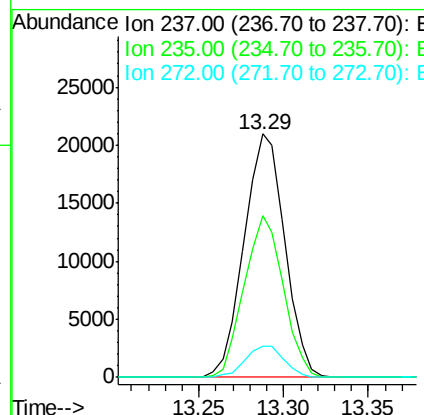
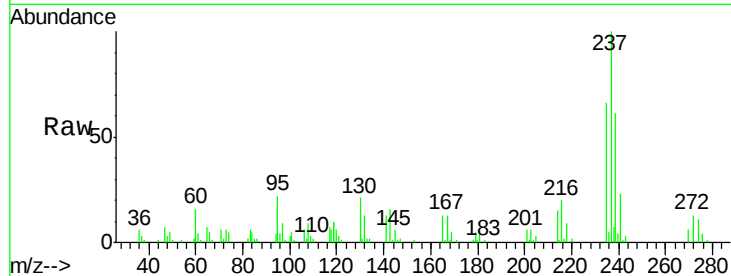




#37
Hexachlorocyclopentadiene
Concen: 19.11 ng/ul
RT: 13.29 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

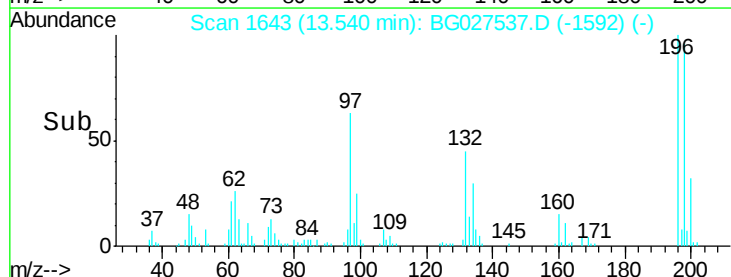
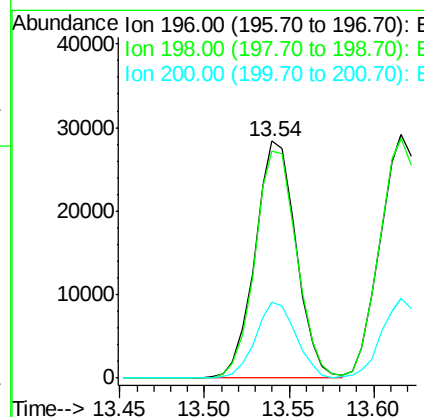
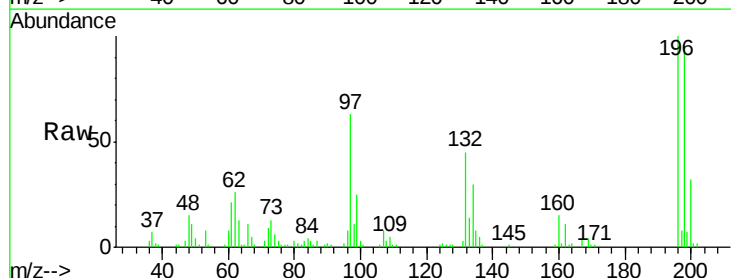
Instrument :
BNA_G
ClientSampleId :
SSTD02090

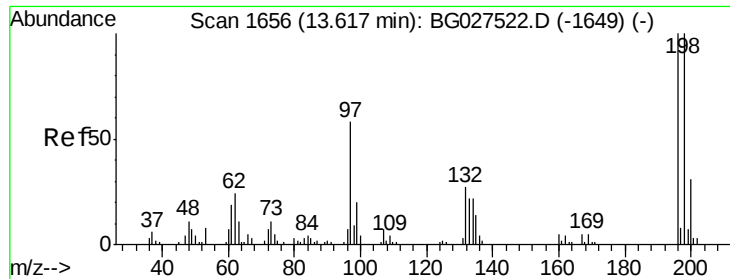
Tgt Ion:237 Resp: 35147
Ion Ratio Lower Upper
237 100
235 66.4 50.2 75.4
272 12.8 10.6 16.0



#38
2,4,6-Trichlorophenol
Concen: 21.96 ng/ul
RT: 13.54 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG027537.D
Acq: 19 Jun 2017 20:17

Tgt Ion:196 Resp: 47718
Ion Ratio Lower Upper
196 100
198 95.9 71.4 107.2
200 31.8 24.6 37.0

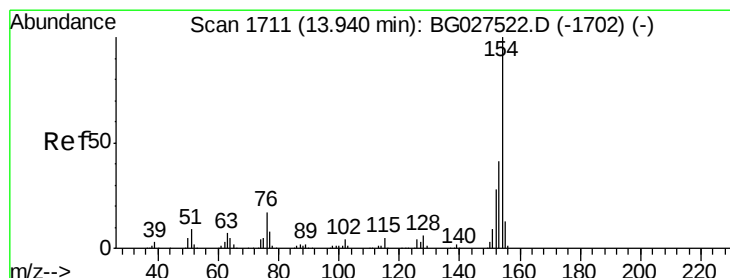
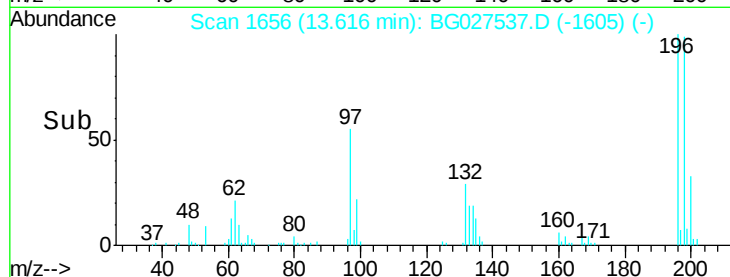
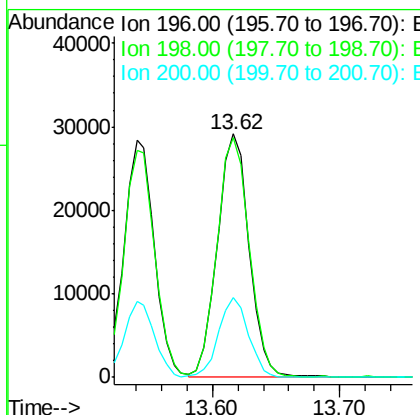
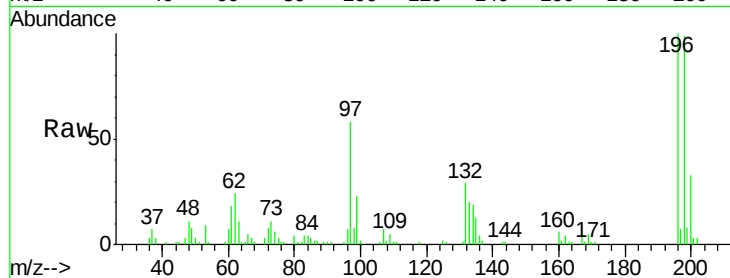




#39
 2,4,5-Trichlorophenol
 Concen: 22.50 ng/ul
 RT: 13.62 min Scan# 1656
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

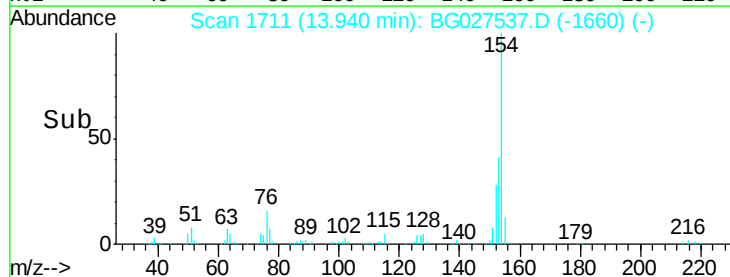
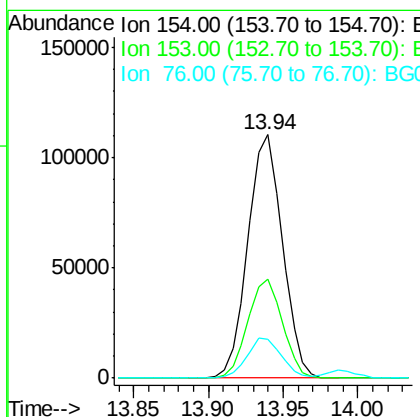
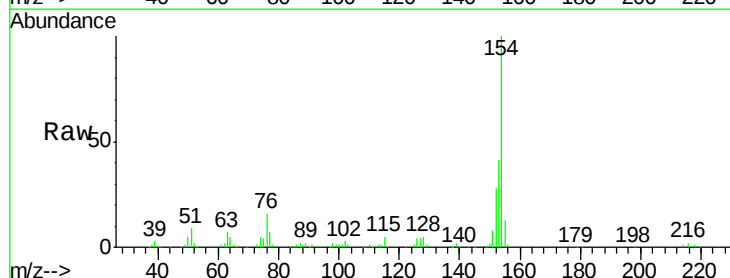
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

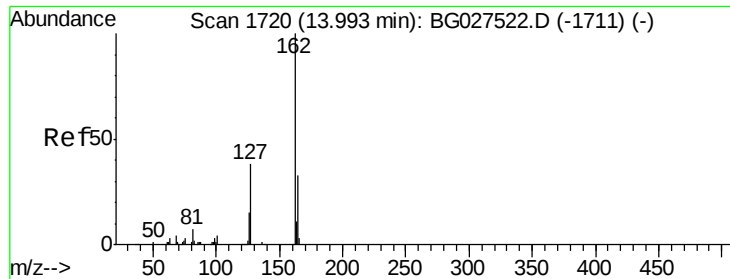
Tgt Ion:196 Resp: 50911
 Ion Ratio Lower Upper
 196 100
 198 98.7 78.6 118.0
 200 32.7 27.3 40.9



#40
 1,1'-Biphenyl
 Concen: 20.14 ng/ul
 RT: 13.94 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion:154 Resp: 176742
 Ion Ratio Lower Upper
 154 100
 153 40.9 32.2 48.2
 76 16.1 9.6 14.4#

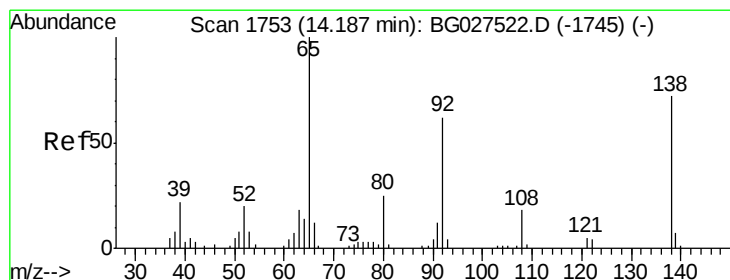
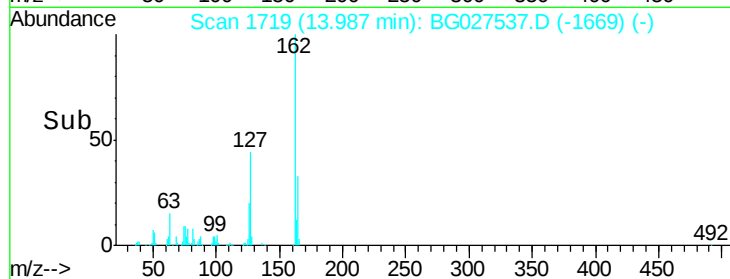
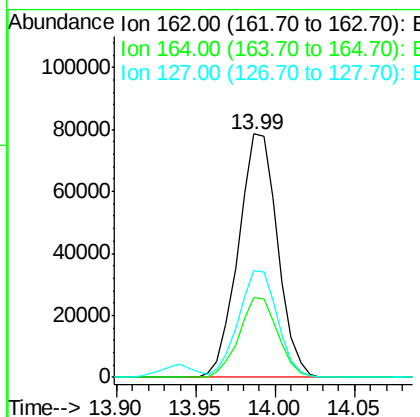
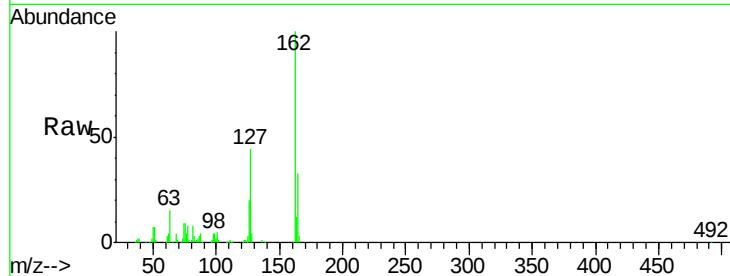




#41
 2-Chloronaphthalene
 Concen: 20.39 ng/ul
 RT: 13.99 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

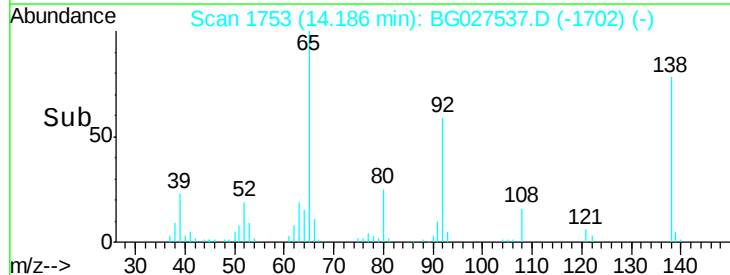
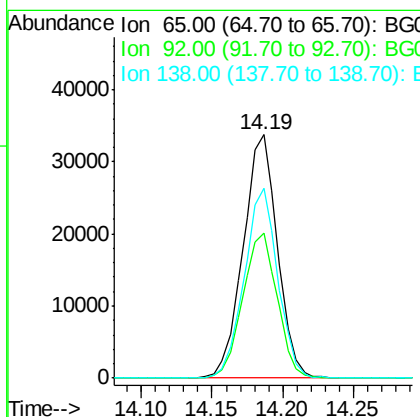
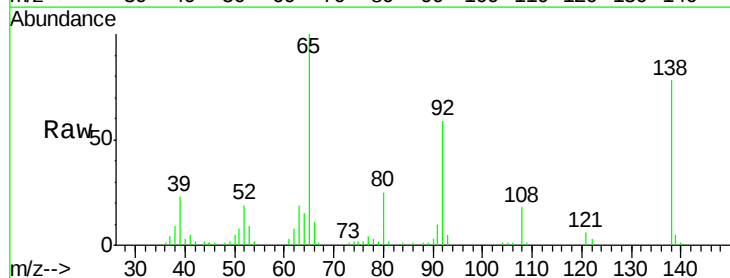
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

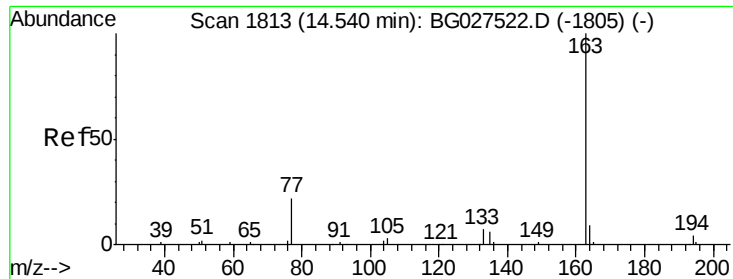
Tgt Ion: 162 Resp: 134969
 Ion Ratio Lower Upper
 162 100
 164 32.6 25.0 37.6
 127 43.8 30.7 46.1



#42
 2-Nitroaniline
 Concen: 23.03 ng/ul
 RT: 14.19 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion: 65 Resp: 57339
 Ion Ratio Lower Upper
 65 100
 92 59.5 50.9 76.3
 138 78.0 61.8 92.6





#44

Dimethylphthalate

Concen: 19.40 ng/ul

RT: 14.54 min Scan# 1813

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD02090

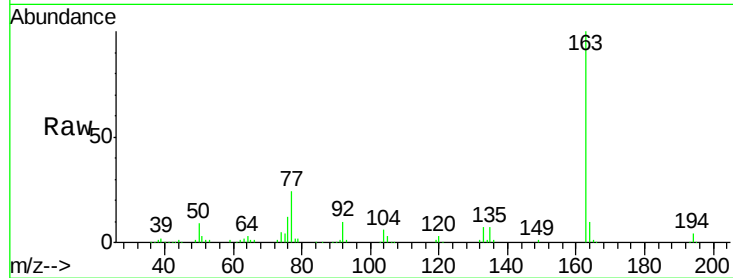
Tgt Ion:163 Resp: 178667

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.0

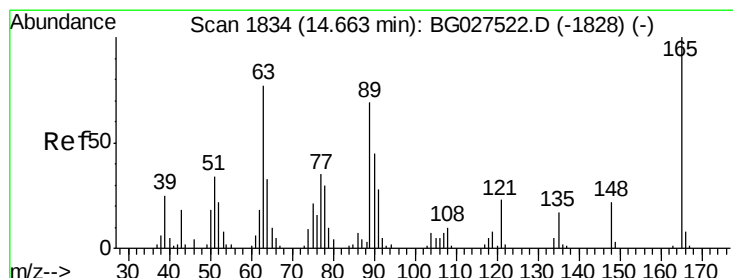
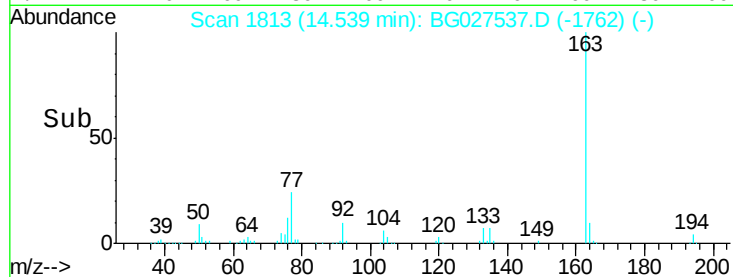
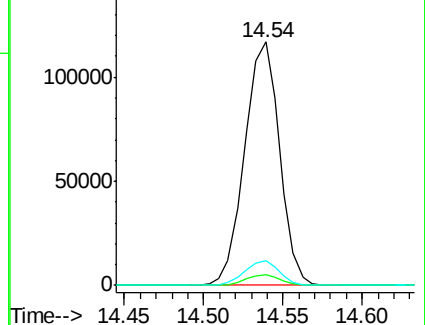
164 9.9 9.0 13.4



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: 21.13 ng/ul

RT: 14.67 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

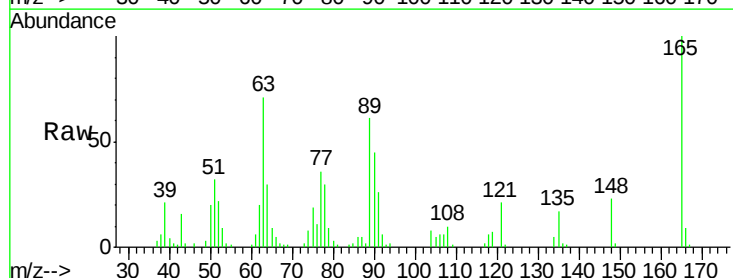
Tgt Ion:165 Resp: 36239

Ion Ratio Lower Upper

165 100

89 61.5 52.9 79.3

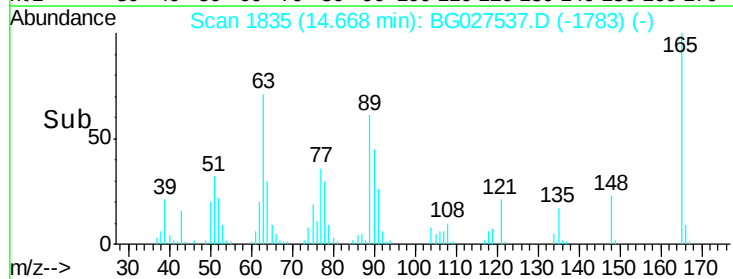
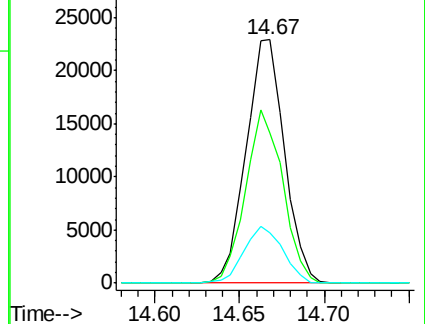
121 20.8 22.2 33.4#

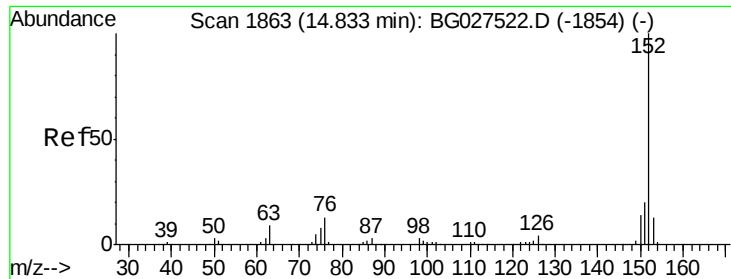


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG

Ion 121.00 (120.70 to 121.70): E

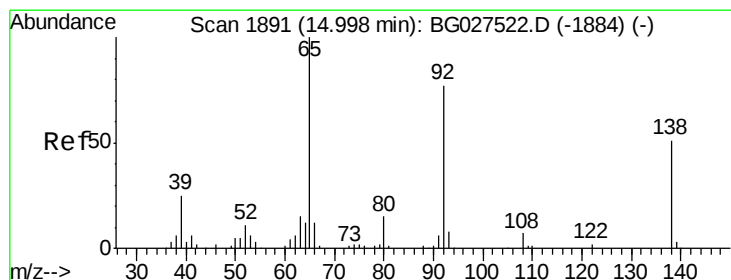
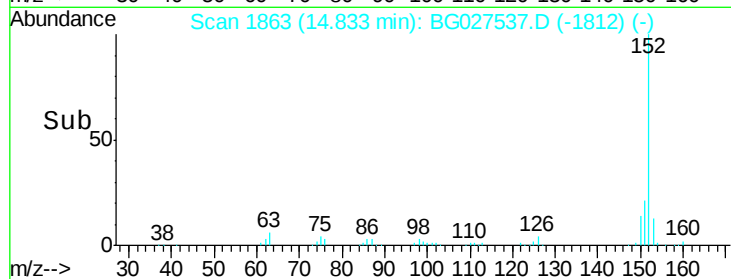
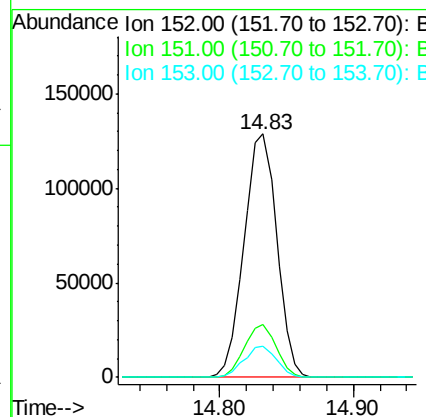
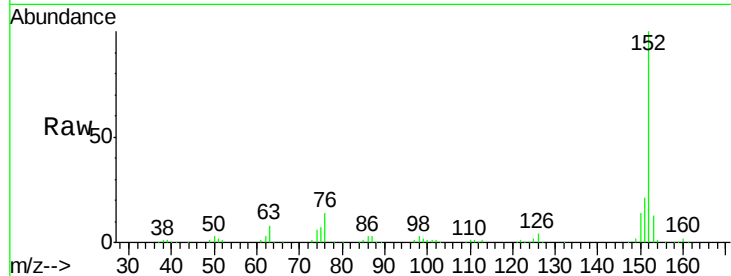




#47
 Acenaphthylene
 Concen: 20.37 ng/ul
 RT: 14.83 min Scan# 1863
 Delta R.T. -0.00 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

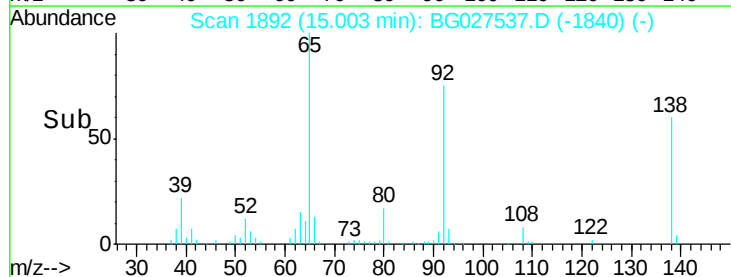
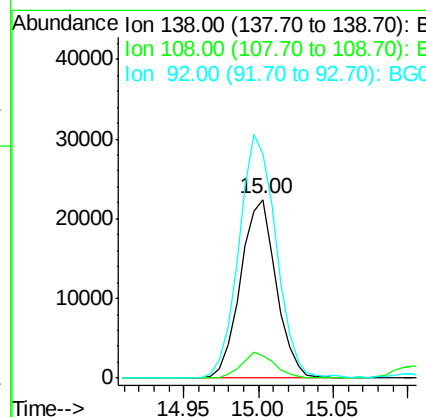
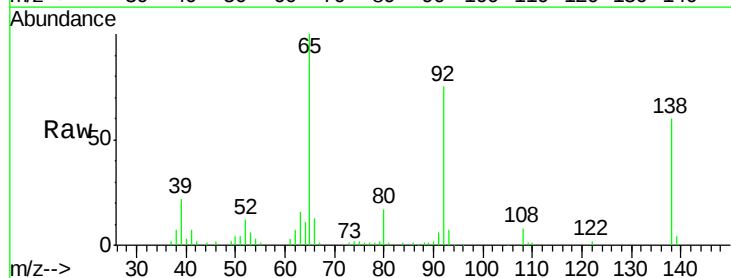
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02090

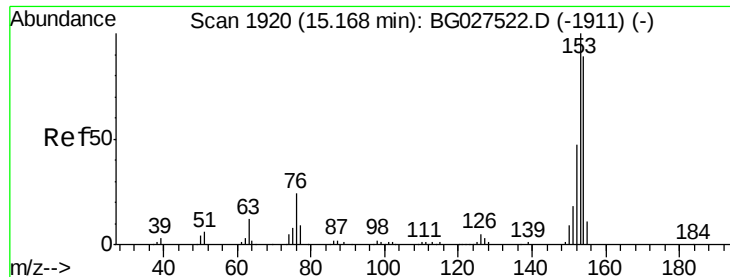
Tgt Ion:152 Resp: 218406
 Ion Ratio Lower Upper
 152 100
 151 21.5 16.7 25.1
 153 12.9 11.4 17.2



#48
 3-Nitroaniline
 Concen: 19.90 ng/ul
 RT: 15.00 min Scan# 1892
 Delta R.T. 0.01 min
 Lab File: BG027537.D
 Acq: 19 Jun 2017 20:17

Tgt Ion:138 Resp: 37025
 Ion Ratio Lower Upper
 138 100
 108 12.7 6.3 9.5#
 92 125.5 106.4 159.6





#49

Acenaphthene

Concen: 19.68 ng/ul

RT: 15.17 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD02090

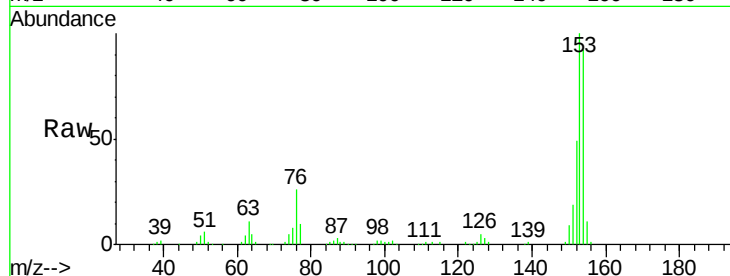
Tgt Ion:153 Resp: 147119

Ion Ratio Lower Upper

153 100

152 49.5 36.5 54.7

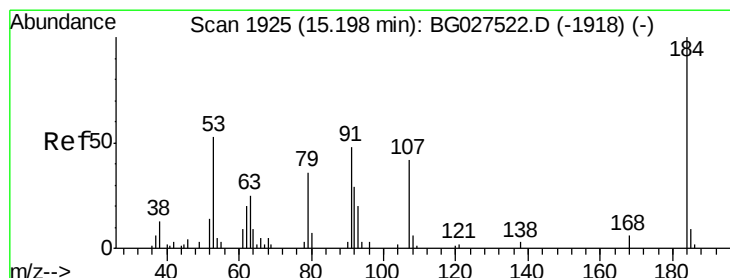
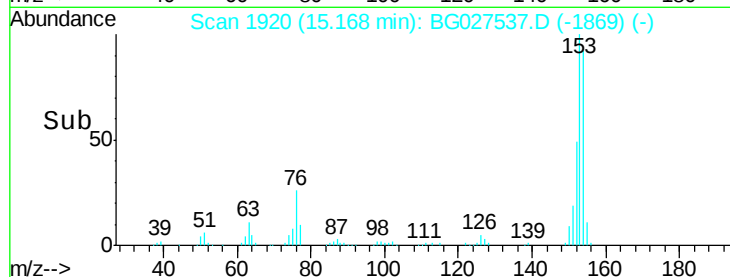
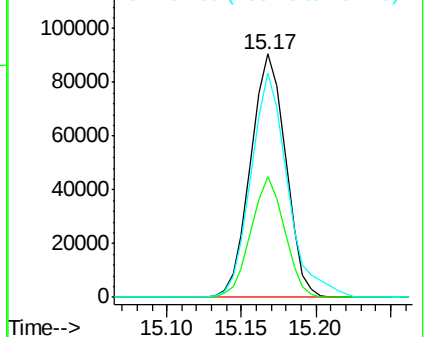
154 92.2 72.3 108.5



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: 12.56 ng/ul

RT: 15.20 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

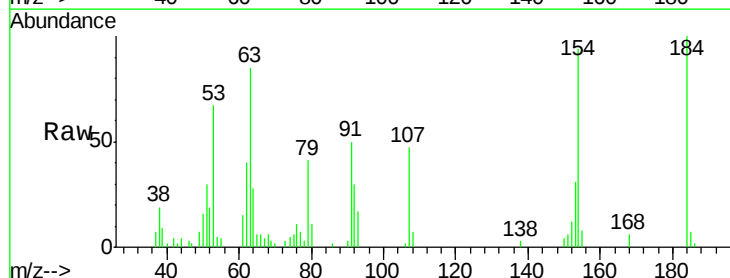
Tgt Ion:184 Resp: 14920

Ion Ratio Lower Upper

184 100

63 84.6 65.1 97.7

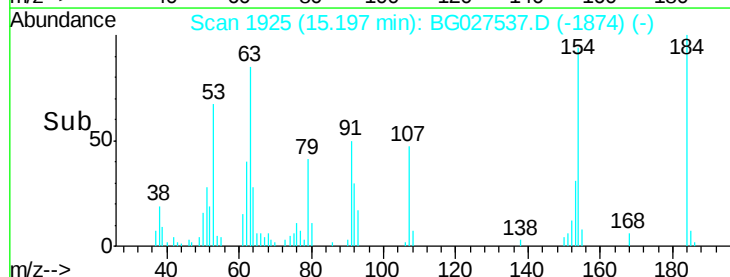
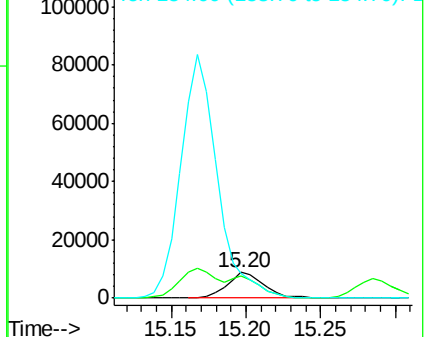
154 94.2 68.2 102.4

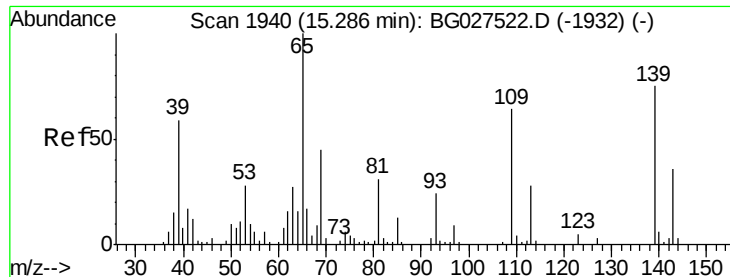


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.93 ng/ul

RT: 15.29 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG027537.D

Acq: 19 Jun 2017 20:17

Instrument :

BNA_G

ClientSampleId :

SSTD02090

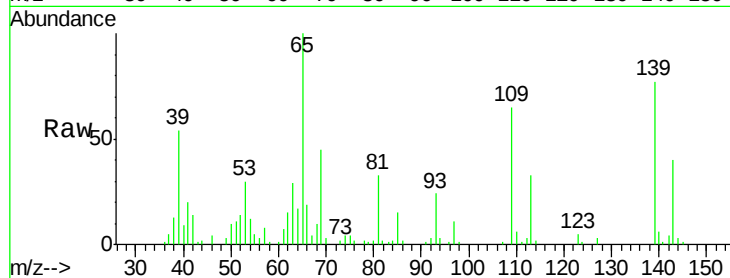
Tgt Ion:109 Resp: 27347

Ion Ratio Lower Upper

109 100

139 118.2 62.6 93.8#

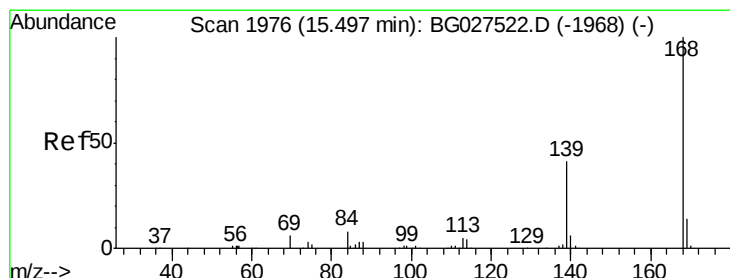
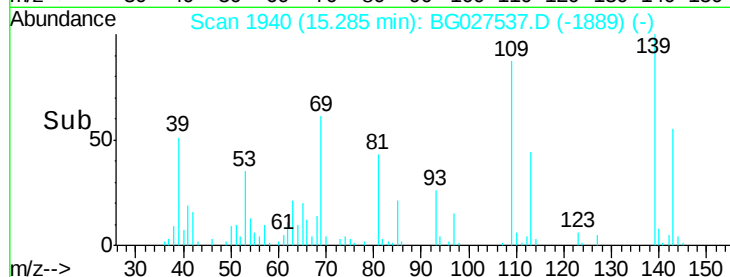
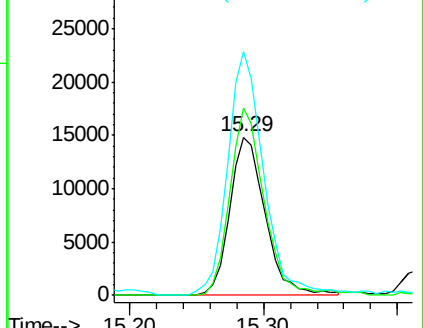
65 153.8 90.4 135.6#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 20.03 ng/ul

RT: 15.50 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG027537.D

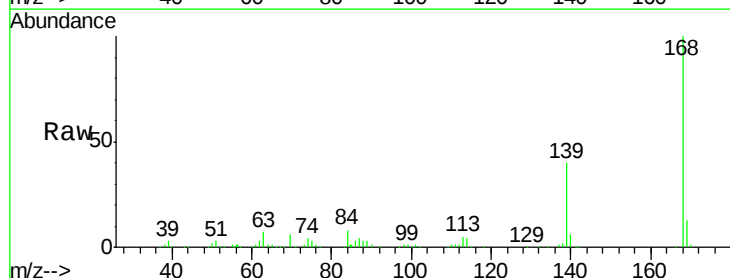
Acq: 19 Jun 2017 20:17

Tgt Ion:168 Resp: 218215

Ion Ratio Lower Upper

168 100

139 39.6 33.8 50.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

