

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030516.D
 Acq On : 28 Oct 2017 3:20
 Operator : SJ/JU
 Sample : I6101-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Quant Time: Oct 28 04:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	67430	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	304750	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	208854	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	500794	20.00	ng	0.00
75) Chrysene-d12	21.80	240	520445	20.00	ng	0.00
86) Perylene-d12	25.11	264	515773	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	450208	111.54	ng	0.00
7) Phenol-d6	7.32	99	544495	96.10	ng	0.00
23) Nitrobenzene-d5	9.33	82	392507	81.85	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	312674	115.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1012947	71.13	ng	0.00
78) Terphenyl-d14	20.11	244	1673791	73.16	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	62052	37.890	ng	# 77
3) Pyridine	4.00	79	164189	34.427	ng	91
4) n-Nitrosodimethylamine	3.90	42	85321	38.272	ng	# 93
6) Aniline	7.48	93	115232	16.425	ng	96
8) 2-Chlorophenol	7.73	128	185159	40.020	ng	92
9) Benzaldehyde	7.30	77	93628	32.855	ng	90
10) Phenol	7.35	94	213512	34.955	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	179525	40.340	ng	91
12) 1,3-Dichlorobenzene	8.05	146	194889	37.519	ng	96
13) 1,4-Dichlorobenzene	8.20	146	199902	37.694	ng	96
14) 1,2-Dichlorobenzene	8.52	146	192809	37.693	ng	97
15) Benzyl Alcohol	8.40	79	175187	43.877	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	295159	39.054	ng	95
17) 2-Methylphenol	8.61	107	162667	40.089	ng	97
18) Hexachloroethane	9.26	117	69314	38.353	ng	100
19) n-Nitroso-di-n-propylamine	8.97	70	151744	39.390	ng	# 98
20) 3+4-Methylphenols	8.94	107	225058	39.364	ng	93
22) Acetophenone	8.99	105	286420	38.999	ng	# 94
24) Nitrobenzene	9.38	77	221981	41.168	ng	93
25) Isophorone	9.90	82	421328	42.085	ng	# 94
26) 2-Nitrophenol	10.09	139	111473	43.255	ng	# 86
27) 2,4-Dimethylphenol	10.14	122	188656	40.461	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	256251	41.742	ng	96
29) 2,4-Dichlorophenol	10.63	162	215213	43.284	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	221223	41.183	ng	96
31) Naphthalene	11.03	128	603435	39.731	ng	99
32) Benzoic acid	10.22	122	10703	2.741	ng	# 73
33) 4-Chloroaniline	11.14	127	30101	4.712	ng	93
34) Hexachlorobutadiene	11.31	225	133049	39.837	ng	97
35) Caprolactam	11.90	113	56244	34.036	ng	87
36) 4-Chloro-3-methylphenol	12.25	107	227282	41.561	ng	91
37) 2-Methylnaphthalene	12.63	142	477346	43.123	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	265020	34.755	ng	98
40) Hexachlorocyclopentadiene	12.97	237	244321	84.313	ng	94

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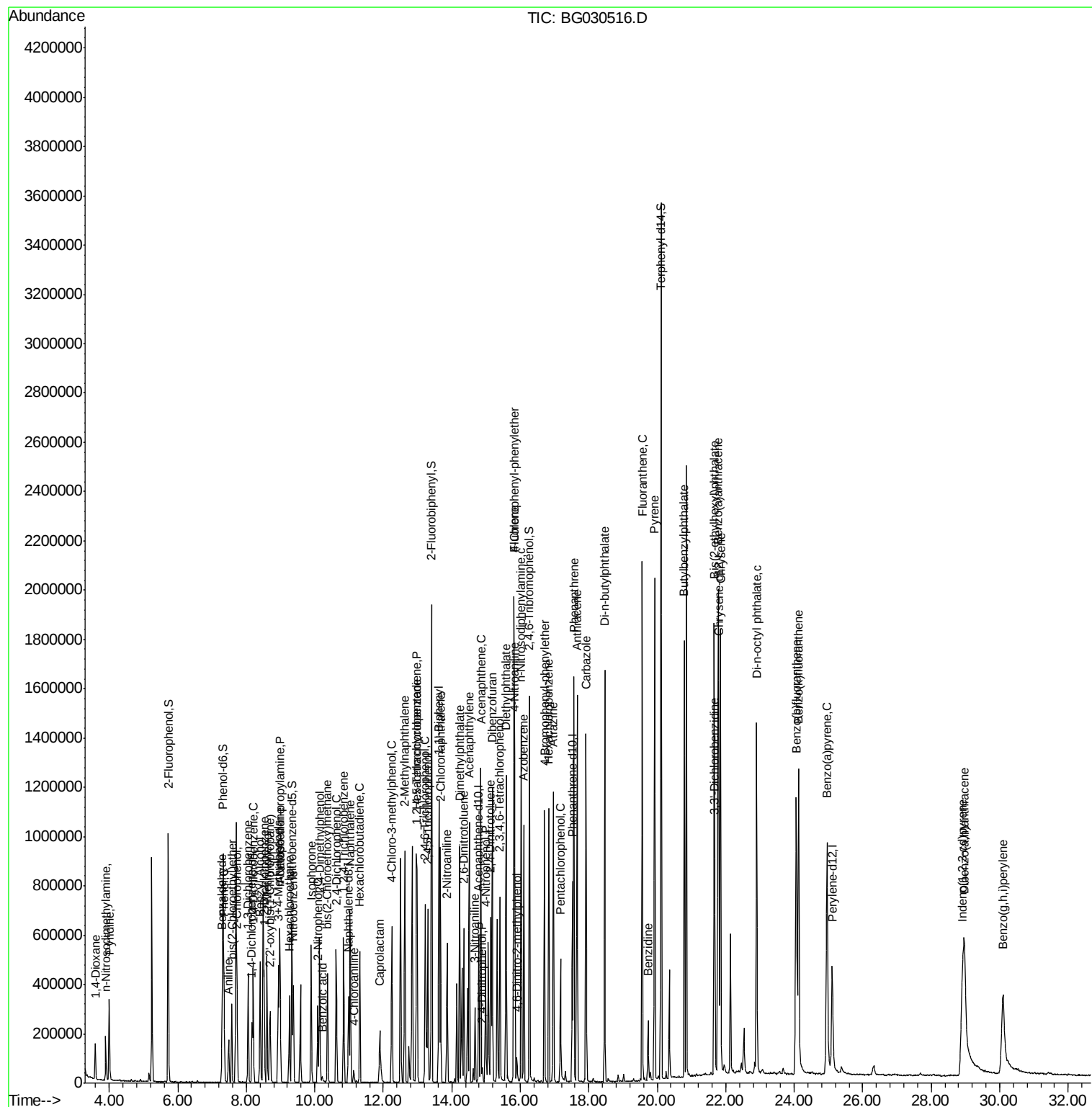
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	188444	39.367	ng	97
43) 2,4,5-Trichlorophenol	13.30	196	205267	41.755	ng	96
45) 1,1'-Biphenyl	13.62	154	637755	35.526	ng	98
46) 2-Chloronaphthalene	13.67	162	508250	38.815	ng	99
47) 2-Nitroaniline	13.86	65	163162	45.365	ng	88
48) Acenaphthylene	14.51	152	808050	39.431	ng	99
49) Dimethylphthalate	14.23	163	662569	40.660	ng	99
50) 2,6-Dinitrotoluene	14.35	165	152553	44.658	ng #	82
51) Acenaphthene	14.85	154	497171	37.287	ng	99
52) 3-Nitroaniline	14.68	138	83380	22.620	ng #	81
53) 2,4-Dinitrophenol	14.89	184	15638	14.255	ng #	53
54) Dibenzofuran	15.18	168	810608	42.586	ng	98
55) 4-Nitrophenol	14.99	139	165349	54.410	ng	84
56) 2,4-Dinitrotoluene	15.14	165	215144	46.525	ng #	76
57) Fluorene	15.83	166	638454	40.603	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	174938	42.653	ng #	95
59) Diethylphthalate	15.59	149	722752	44.505	ng	99
60) 4-Chlorophenyl-phenylether	15.82	204	360600	43.012	ng	96
61) 4-Nitroaniline	15.84	138	155196	41.003	ng	83
62) Azobenzene	16.11	77	604642	44.152	ng	97
64) 4,6-Dinitro-2-methylphenol	15.90	198	24924	12.840	ng	88
65) n-Nitrosodiphenylamine	16.03	169	579403	38.622	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	235532	40.987	ng	97
67) Hexachlorobenzene	16.83	284	252764	38.832	ng	98
68) Atrazine	16.97	200	231640	43.275	ng	98
69) Pentachlorophenol	17.17	266	104494	27.945	ng	97
70) Phenanthrene	17.57	178	1051946	40.661	ng	98
71) Anthracene	17.66	178	1070471	41.207	ng	99
72) Carbazole	17.92	167	987184	39.559	ng	98
73) Di-n-butylphthalate	18.47	149	1160320	40.428	ng	99
74) Fluoranthene	19.56	202	1283338	42.411	ng	97
76) Benzidine	19.73	184	160136	10.191	ng	97
77) Pyrene	19.92	202	1316878	41.711	ng	95
79) Butylbenzylphthalate	20.79	149	547780	40.725	ng	88
80) Benzo(a)anthracene	21.78	228	1301084	42.580	ng	99
81) 3,3'-Dichlorobenzidine	21.69	252	230478	18.274	ng	100
82) Chrysene	21.85	228	1224143	41.832	ng	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	751350	38.923	ng	98
84) Di-n-octyl phthalate	22.90	149	1301401	38.683	ng	97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1280879	35.579	ng #	88
87) Benzo(b)fluoranthene	24.06	252	1253716	42.458	ng	100
88) Benzo(k)fluoranthene	24.13	252	1326644	45.097	ng	97
89) Benzo(a)pyrene	24.96	252	1246042	43.895	ng	100
90) Dibenzo(a,h)anthracene	28.97	278	1100935	38.308	ng	96
91) Benzo(g,h,i)perylene	30.10	276	825875	30.929	ng	99

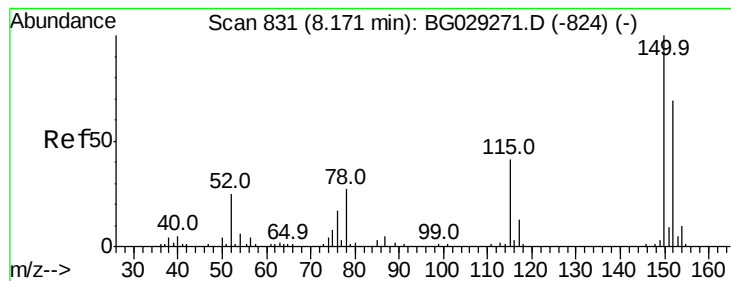
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

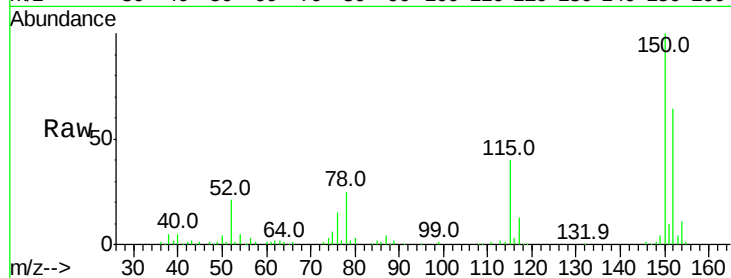
Tot Ion:152 Resp: 67430

Ion Ratio Lower Upper

152 100

150 155.7 126.6 189.8

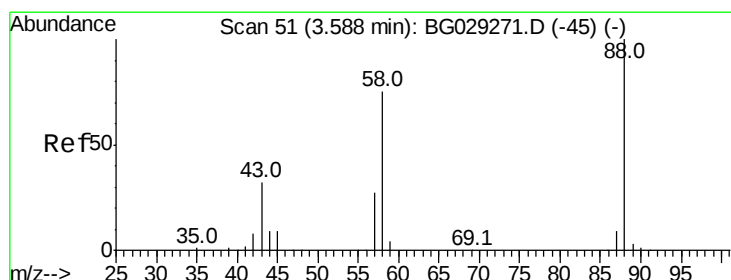
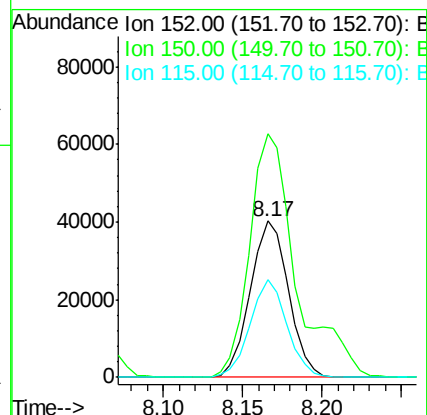
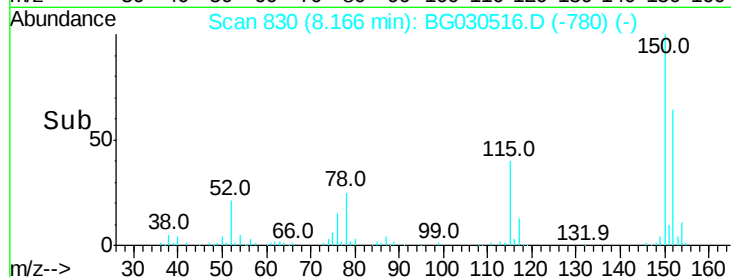
115 62.5 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.890 ng

RT: 3.59 min Scan# 52

Delta R.T. 0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

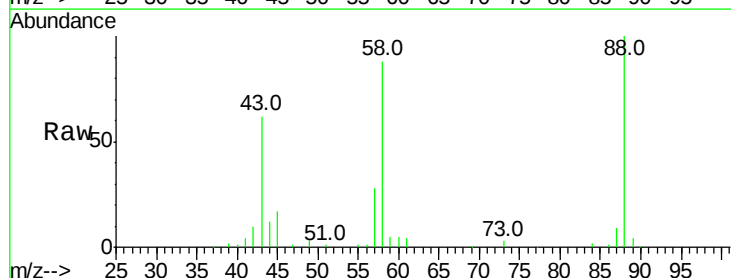
Tgt Ion: 88 Resp: 62052

Ion Ratio Lower Upper

88 100

58 80.1 79.6 119.4

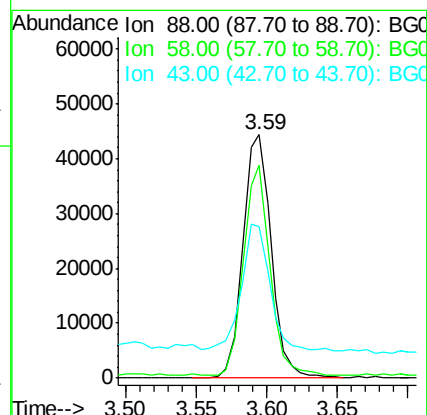
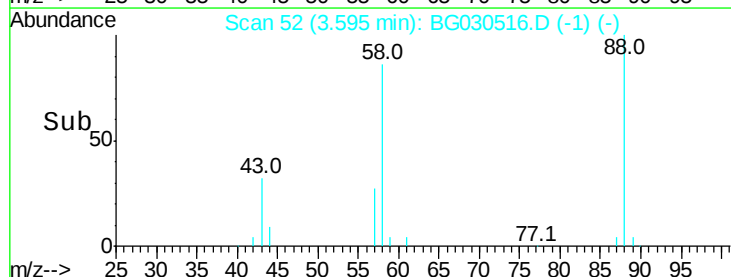
43 53.0 27.4 41.0#

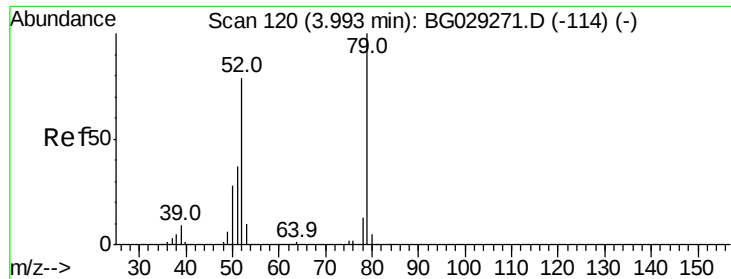


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.427 ng

RT: 4.00 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG030516.D

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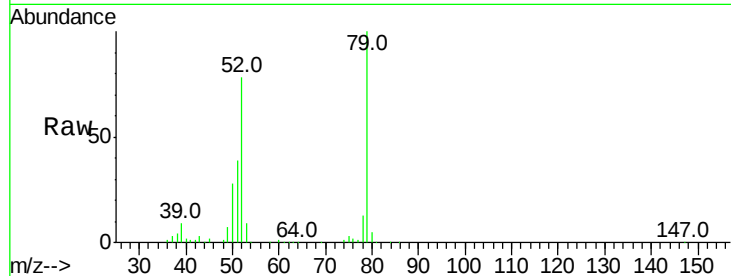
Tot Ion: 79 Resp: 164189

Ion Ratio Lower Upper

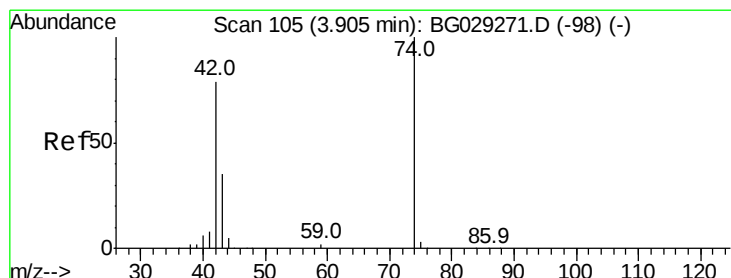
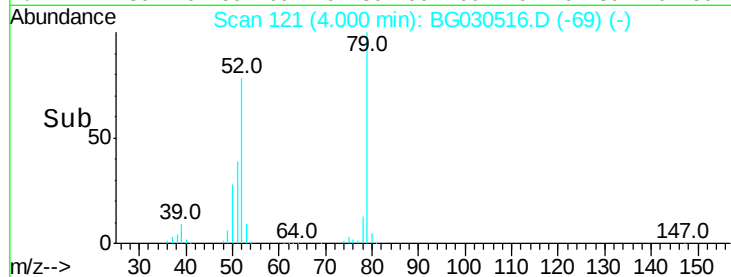
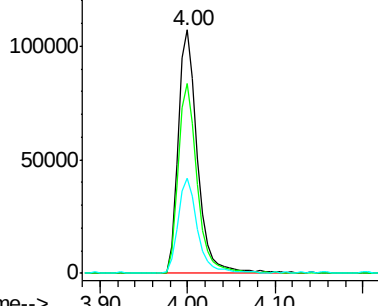
79 100

52 77.8 69.9 104.9

51 39.0 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 38.272 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

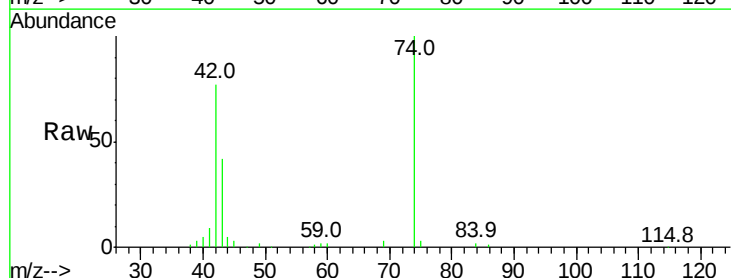
Tgt Ion: 42 Resp: 85321

Ion Ratio Lower Upper

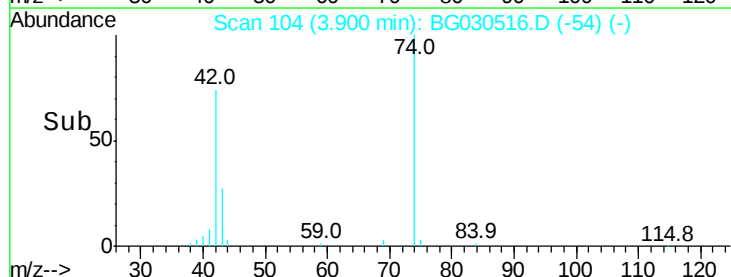
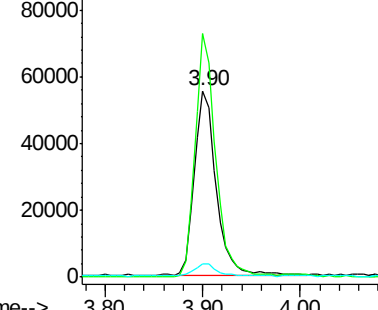
42 100

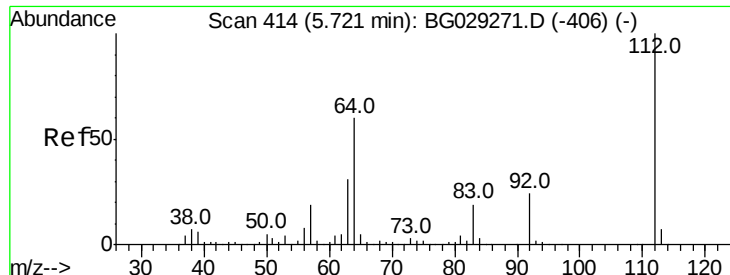
74 130.7 102.5 153.7

44 7.1 18.9 28.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 111.537 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030516.D

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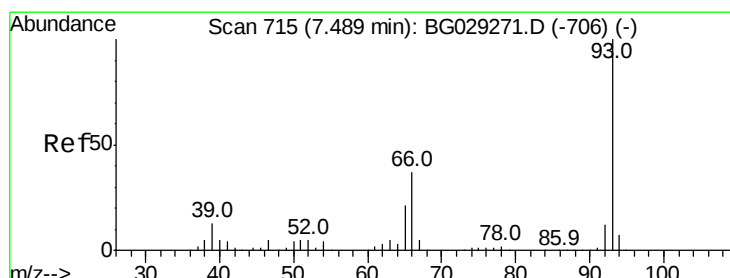
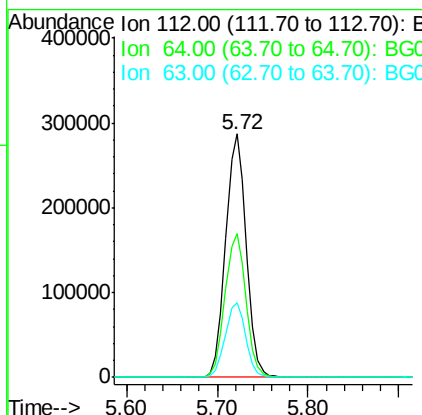
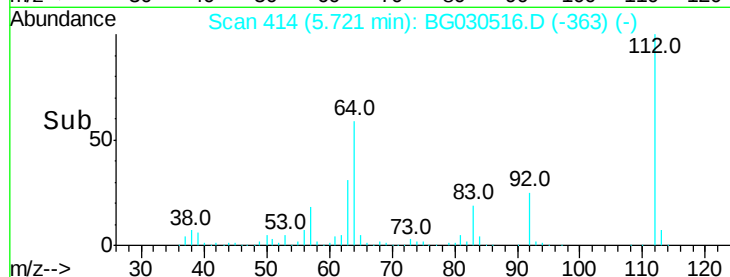
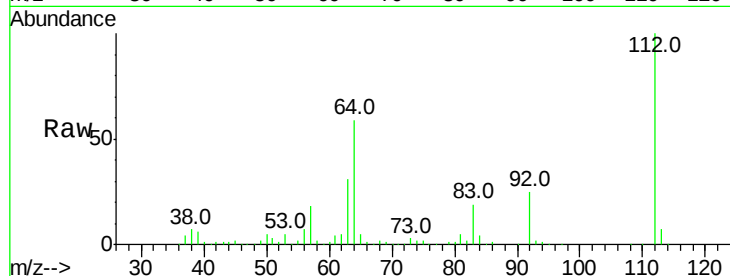
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Tot Ion:112	Resp:	450208
Ion Ratio	Lower	Upper
112 100		
64 59.1	56.3	84.5
63 30.7	30.1	45.1



#6

Aniline

Concen: 16.425 ng

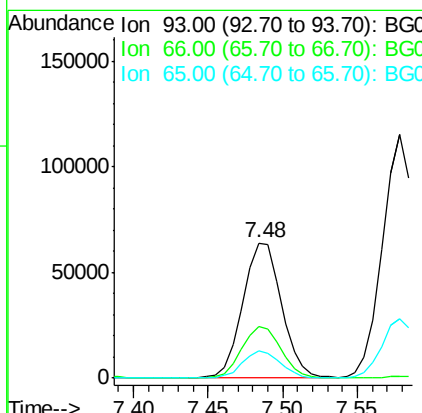
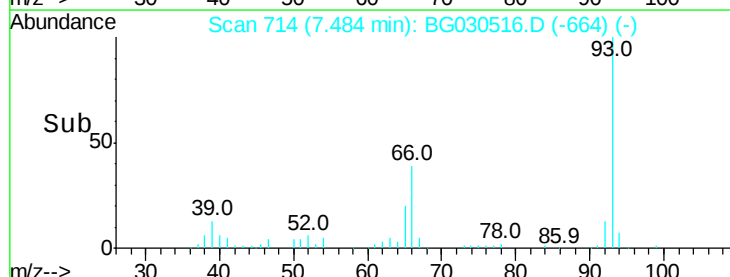
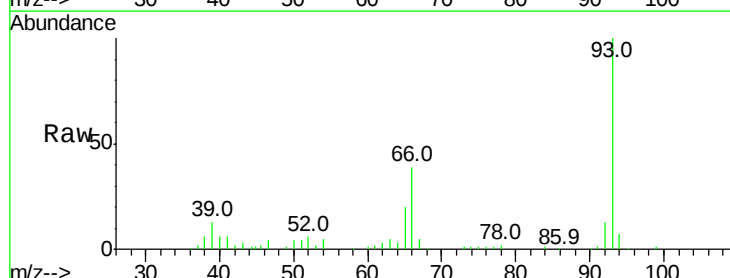
RT: 7.48 min Scan# 714

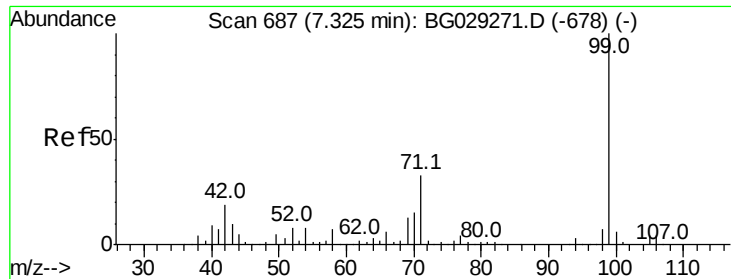
Delta R.T. -0.00 min

Lab File: BG030516.D

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Tgt Ion: 93	Resp:	115232
Ion Ratio	Lower	Upper
93 100		
66 38.5	33.7	50.5
65 19.8	16.1	24.1





#7

Phenol-d6

Concen: 96.104 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

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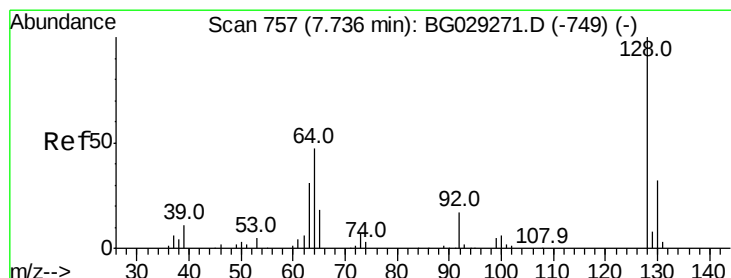
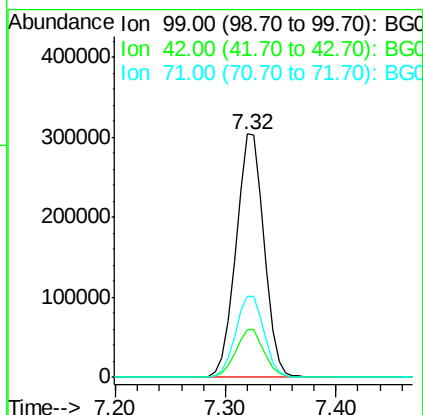
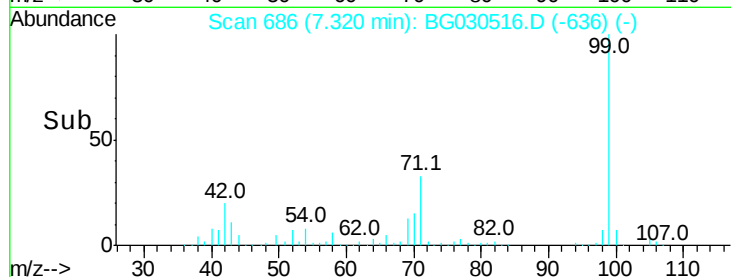
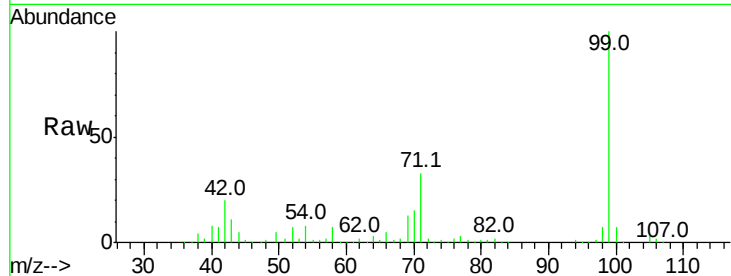
Tot Ion: 99 Resp: 544495

Ion Ratio Lower Upper

99 100

42 19.7 14.1 21.1

71 33.4 26.1 39.1



#8

2-Chlorophenol

Concen: 40.020 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

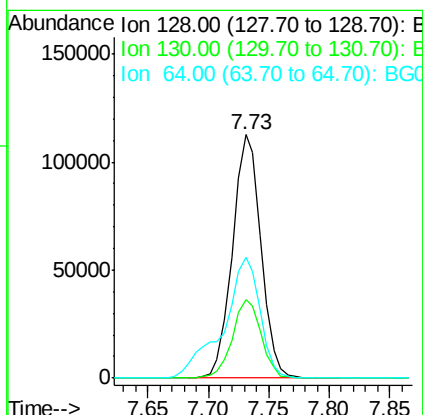
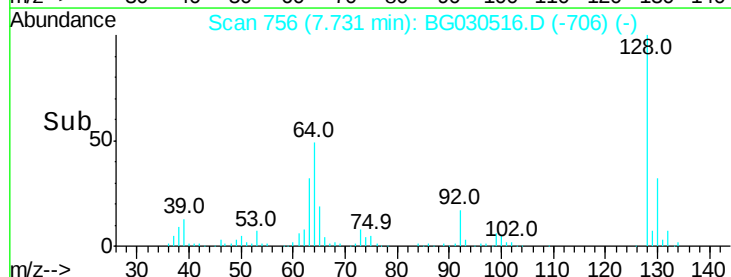
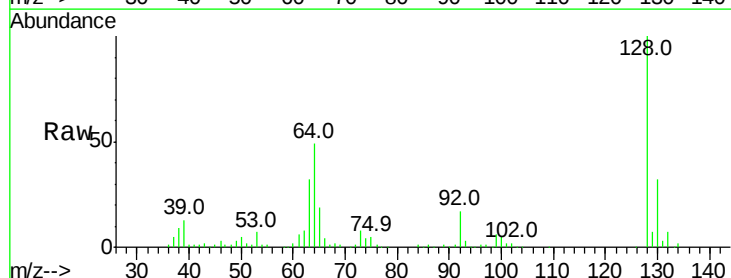
Tgt Ion: 128 Resp: 185159

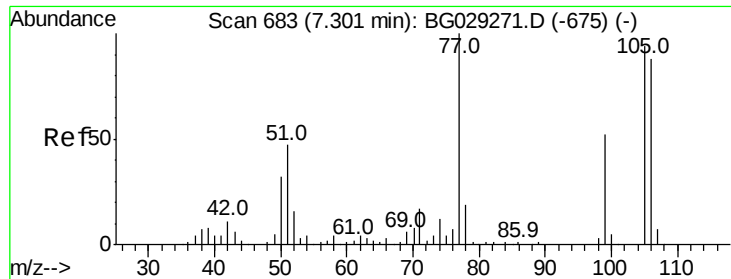
Ion Ratio Lower Upper

128 100

130 32.5 14.0 54.0

64 49.4 37.7 77.7





#9

Benzaldehyde

Concen: 32.855 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

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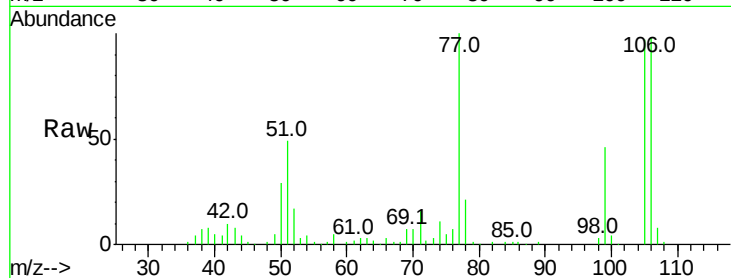
Tot Ion: 77 Resp: 93628

Ion Ratio Lower Upper

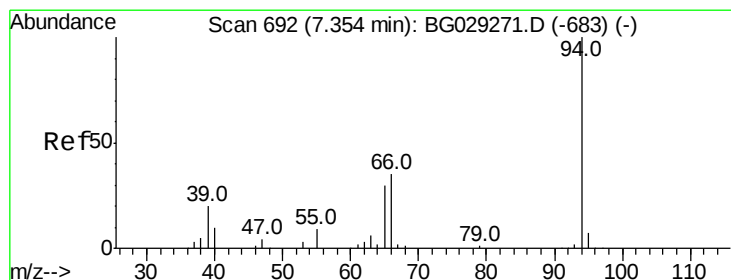
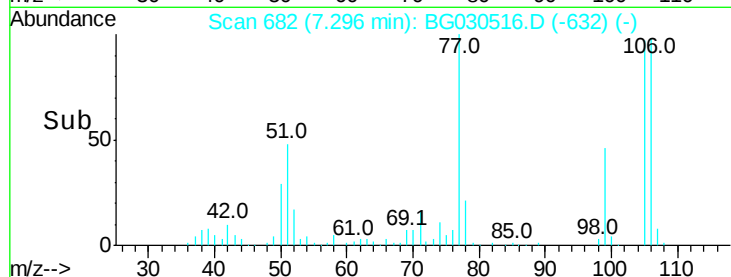
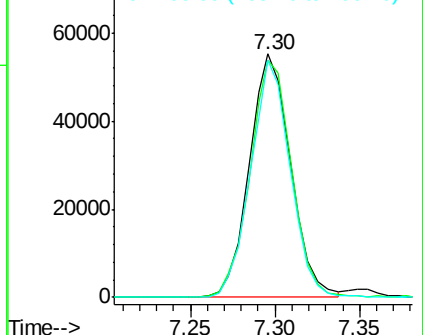
77 100

105 97.4 71.3 111.3

106 97.6 64.2 104.2



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



#10

Phenol

Concen: 34.955 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

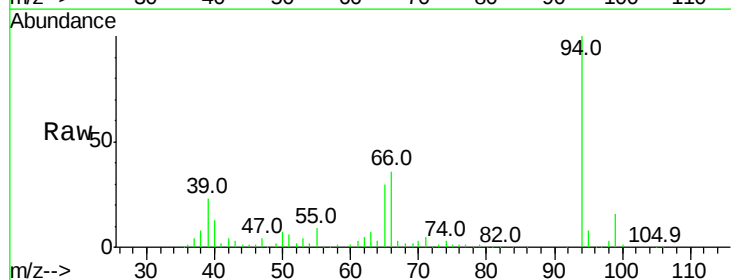
Tgt Ion: 94 Resp: 213512

Ion Ratio Lower Upper

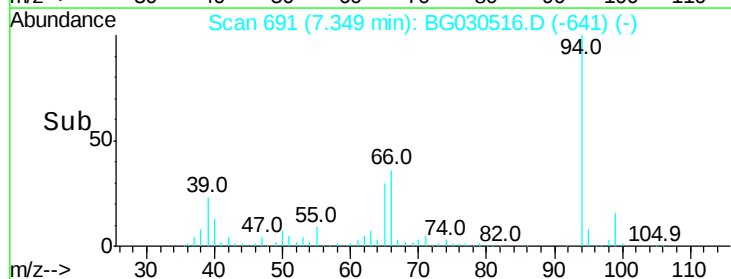
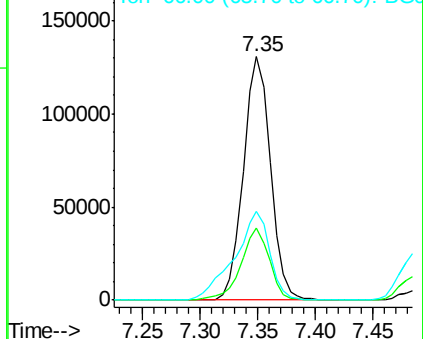
94 100

65 29.7 11.9 51.9

66 36.3 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

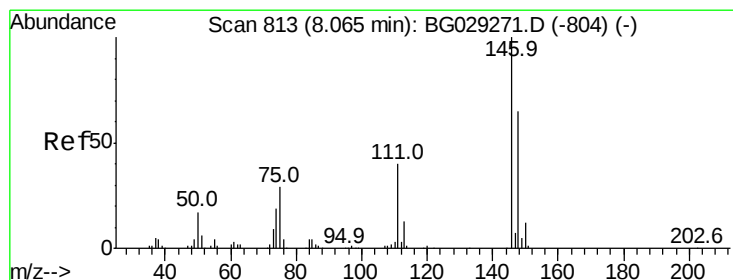
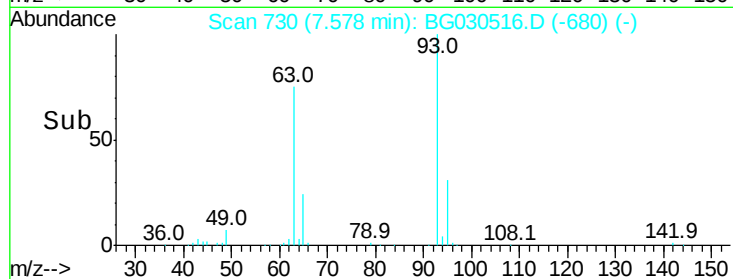
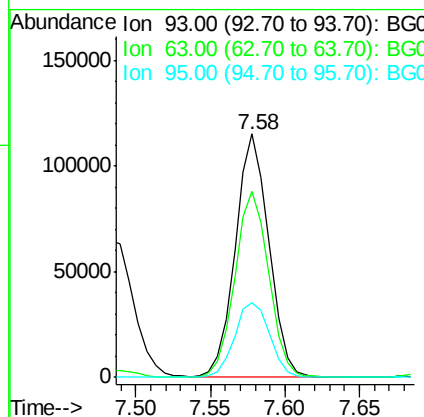
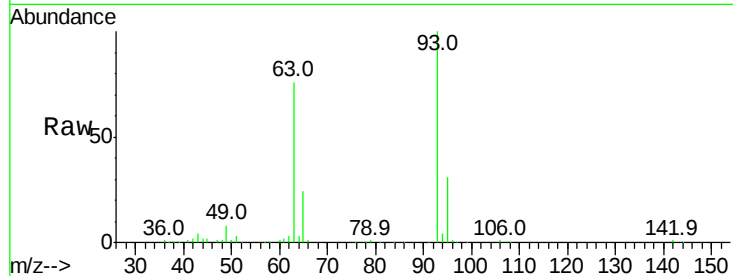




#11
bis(2-Chloroethyl)ether
Concen: 40.340 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

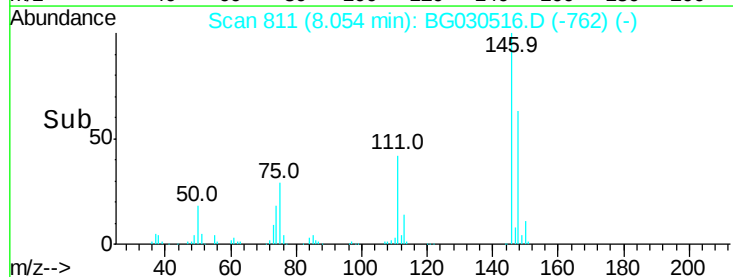
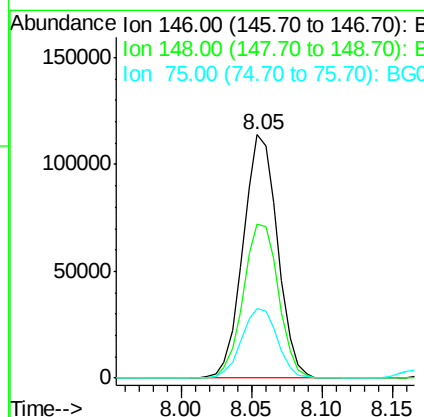
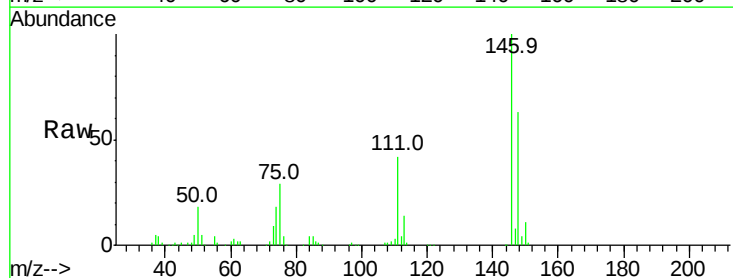
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

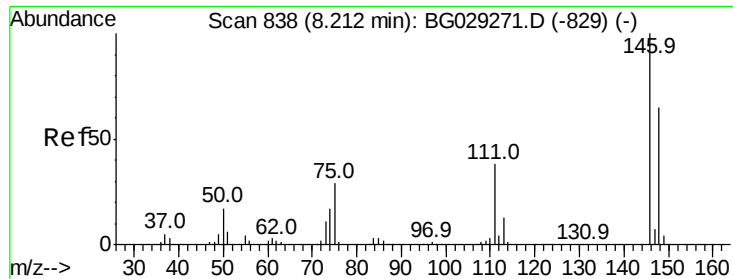
Tot Ion: 93 Resp: 179525
Ion Ratio Lower Upper
93 100
63 76.3 67.1 107.1
95 30.6 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.519 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion: 146 Resp: 194889
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
75 28.8 26.6 39.8

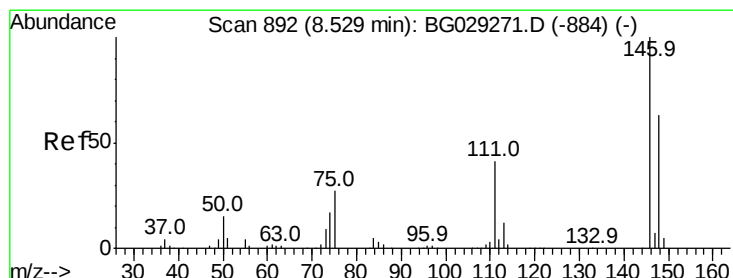
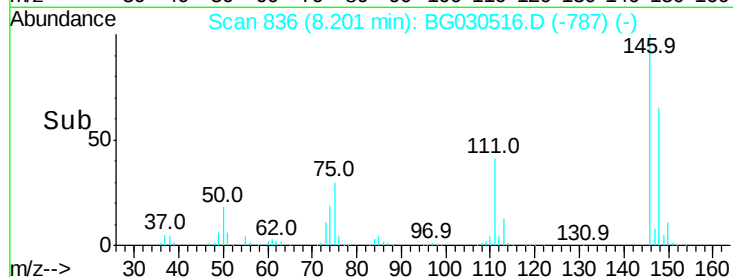
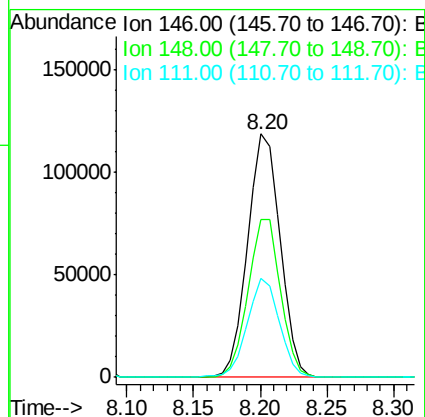
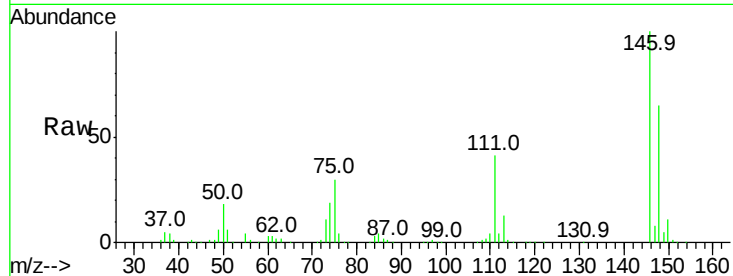




#13
 1,4-Dichlorobenzene
 Concen: 37.694 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

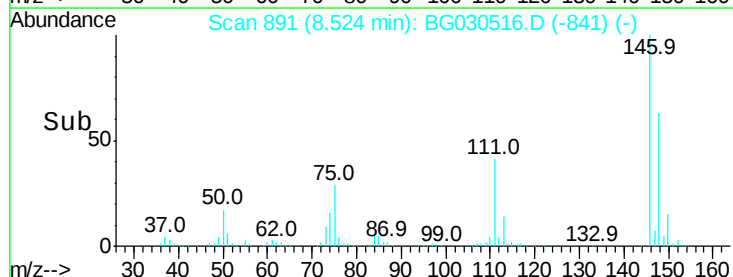
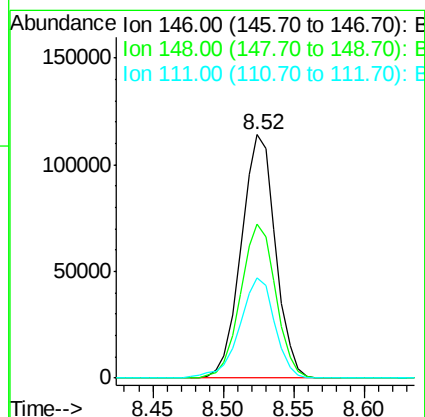
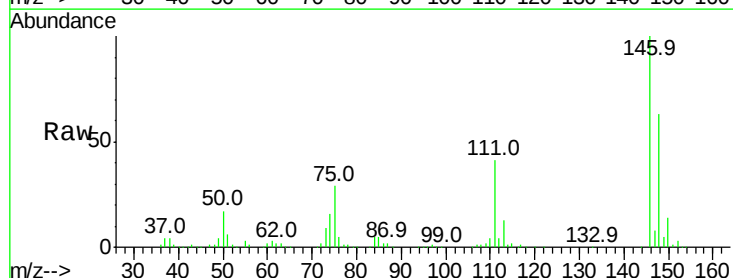
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:146 Resp: 199902
 Ion Ratio Lower Upper
 146 100
 148 64.9 53.7 80.5
 111 40.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.693 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:146 Resp: 192809
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.3 73.9
 111 41.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.877 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

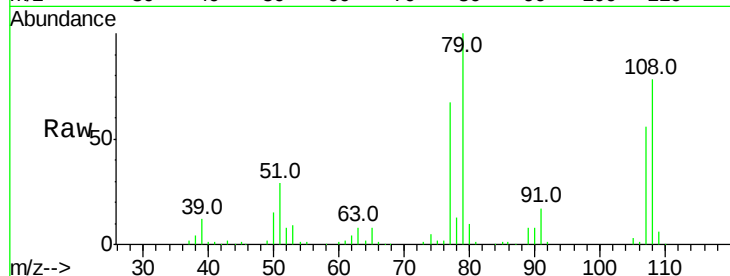
Tot Ion: 79 Resp: 175187

Ion Ratio Lower Upper

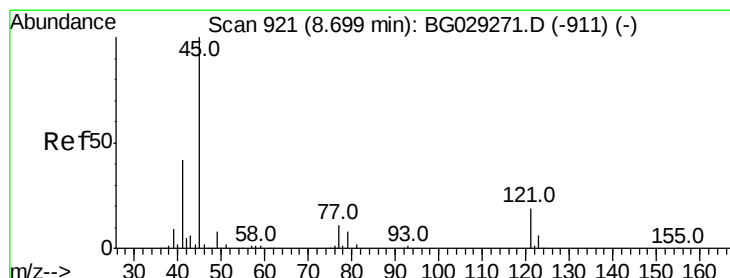
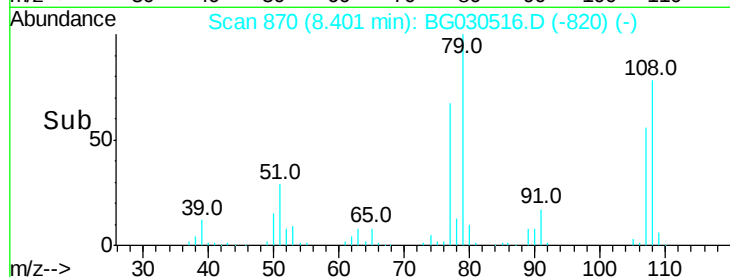
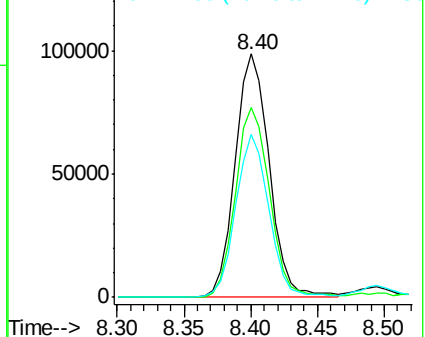
79 100

108 77.9 57.2 85.8

77 66.9 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.054 ng

RT: 8.69 min Scan# 920

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

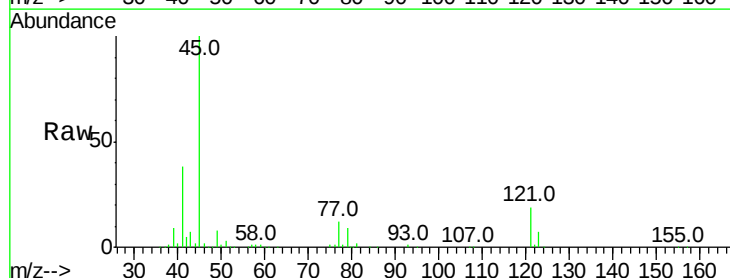
Tgt Ion: 45 Resp: 295159

Ion Ratio Lower Upper

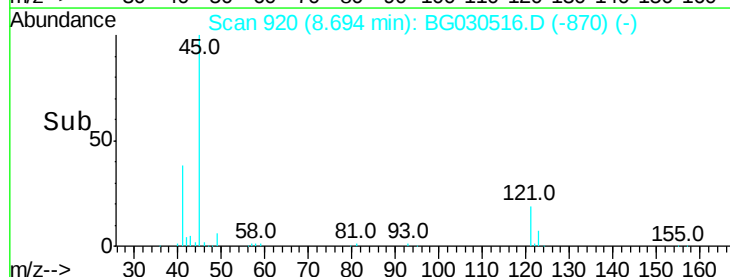
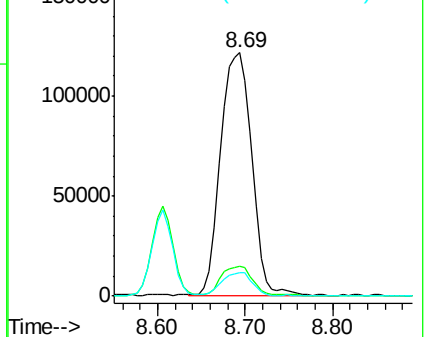
45 100

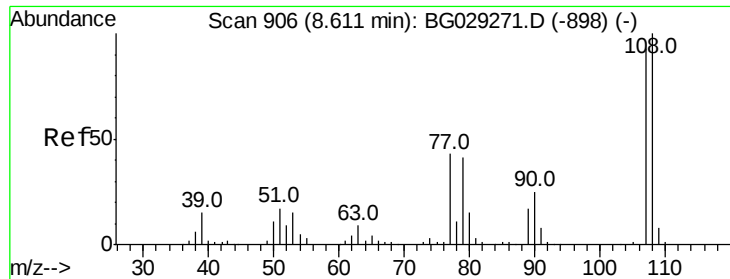
77 12.1 0.0 30.2

79 9.4 0.0 27.9



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.089 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:107 Resp: 162667

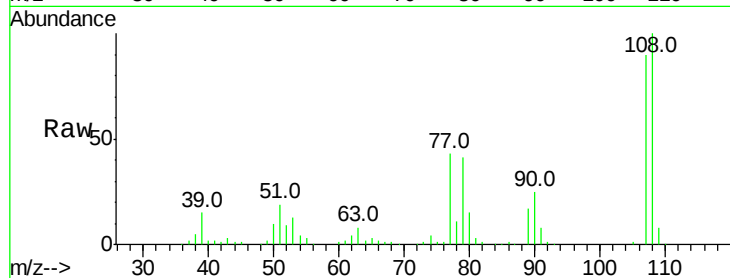
Ion Ratio Lower Upper

107 100

108 110.5 83.9 125.9

77 47.0 37.2 55.8

79 45.1 36.2 54.2

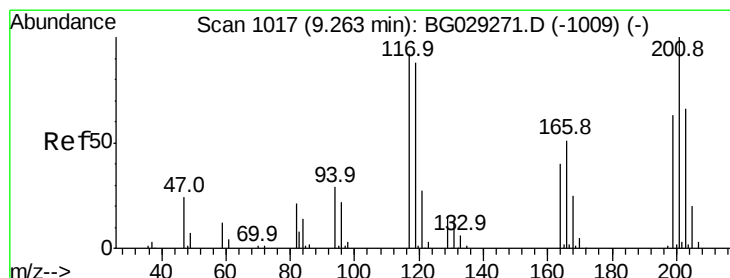
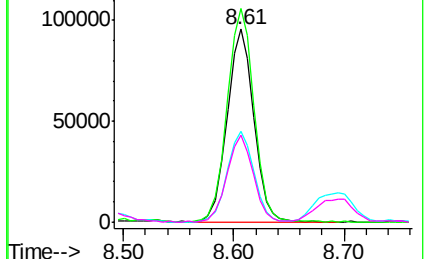
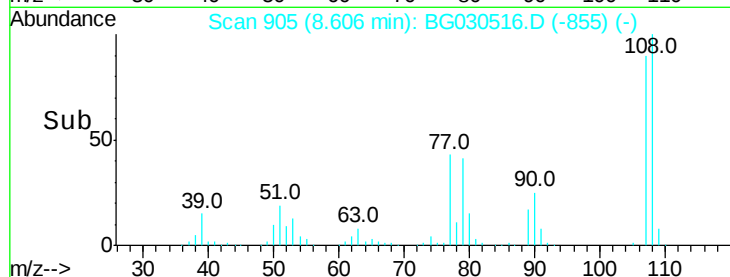


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 38.353 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

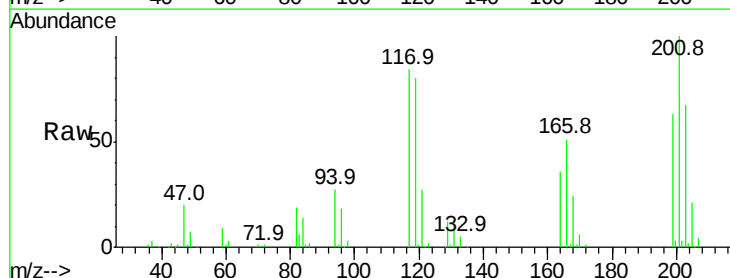
Tgt Ion:117 Resp: 69314

Ion Ratio Lower Upper

117 100

119 95.6 76.7 115.1

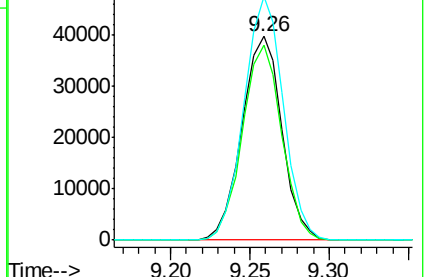
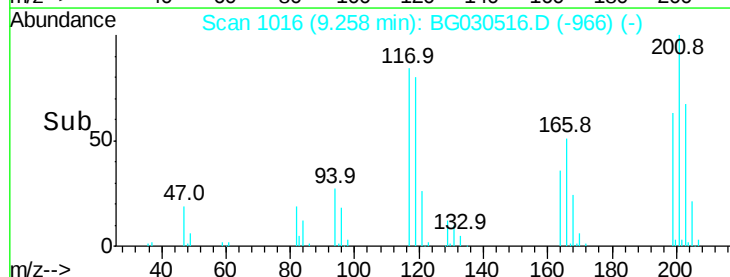
201 119.7 95.7 143.5

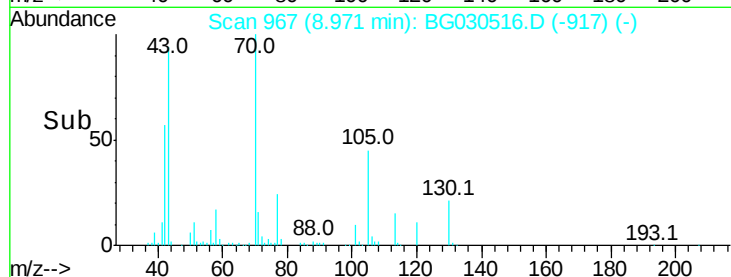
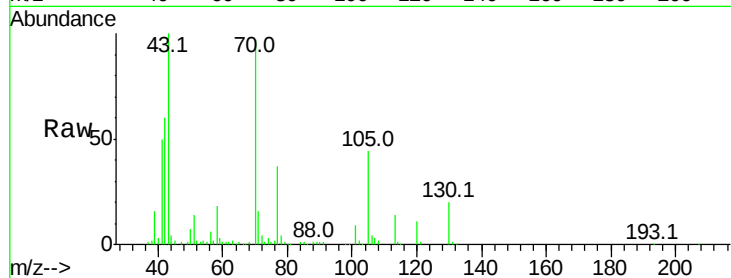
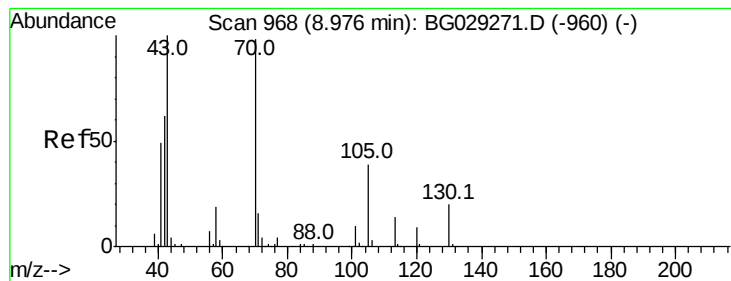


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.390 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

Tot Ion: 70 Resp: 151744

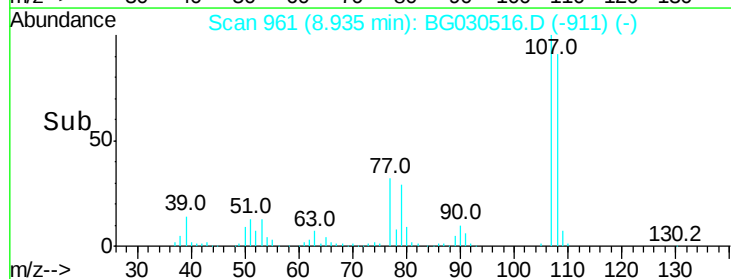
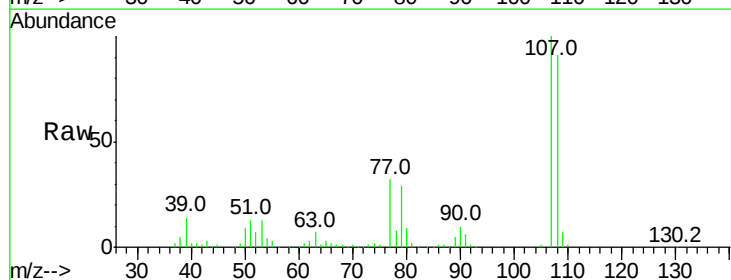
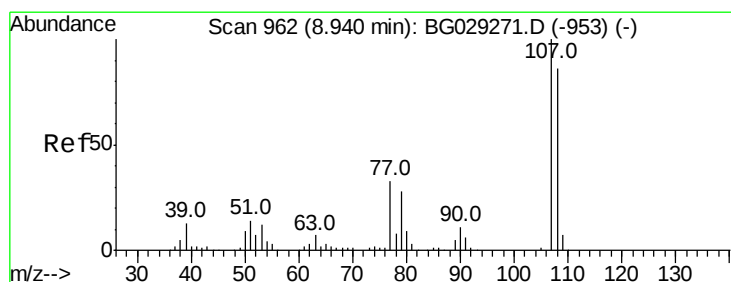
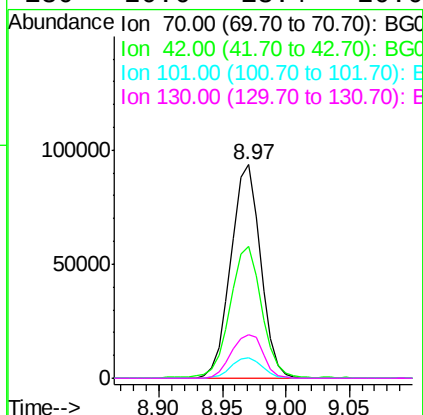
Ion Ratio Lower Upper

70 100

42 61.9 49.1 73.7

101 9.6 8.5 12.7

130 20.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 39.364 ng

RT: 8.94 min Scan# 961

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Tgt Ion: 107 Resp: 225058

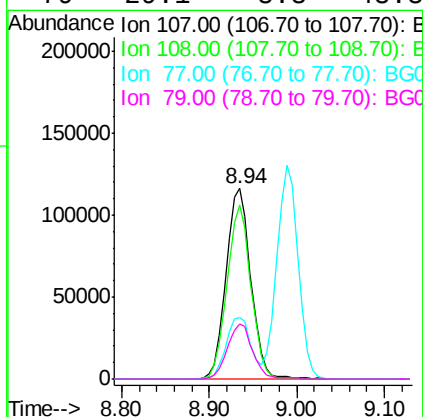
Ion Ratio Lower Upper

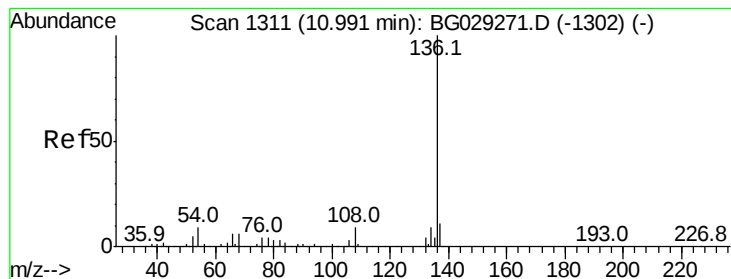
107 100

108 91.2 61.6 101.6

77 32.1 13.9 53.9

79 29.1 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:136 Resp: 304750

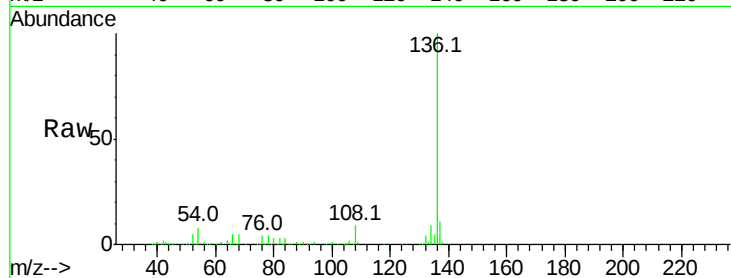
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.3 10.3 15.5#

68 5.3 4.5 6.7

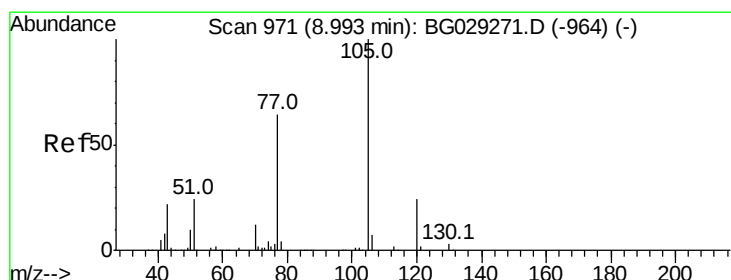
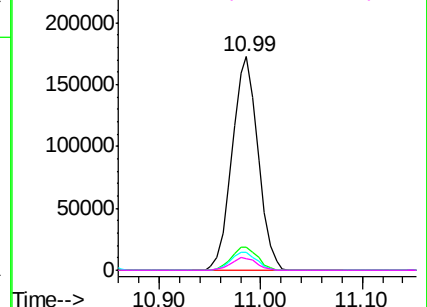
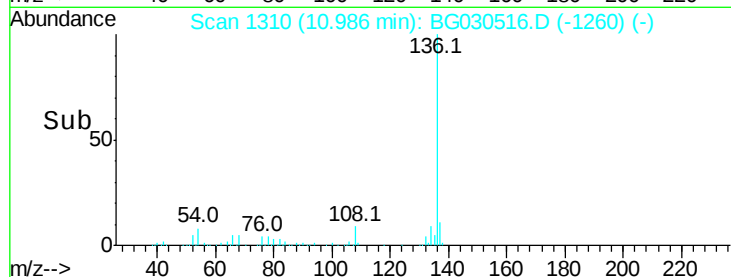


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.999 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Tgt Ion:105 Resp: 286420

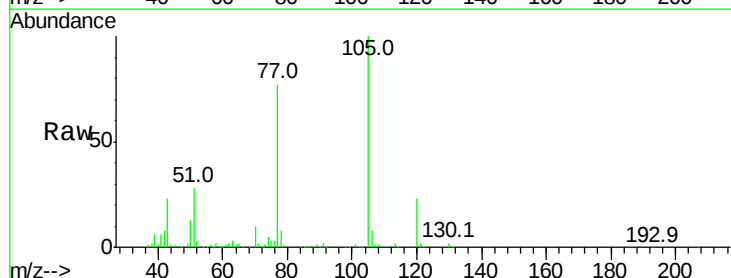
Ion Ratio Lower Upper

105 100

71 1.5 3.0 4.4#

51 28.2 26.1 39.1

120 23.3 17.4 26.2

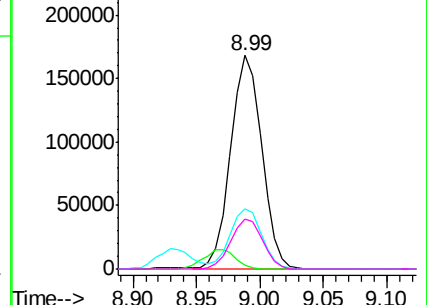
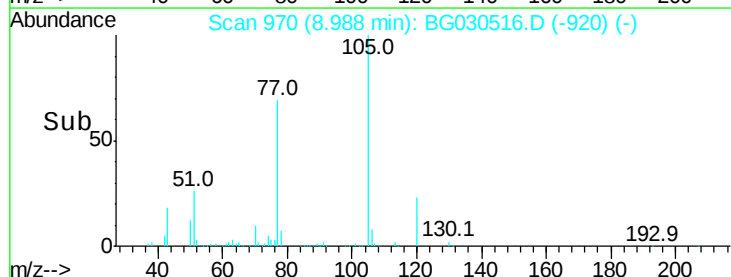


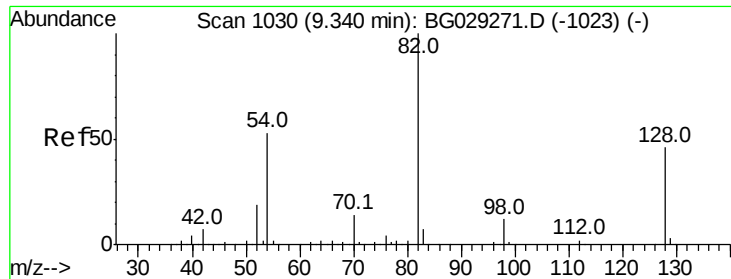
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

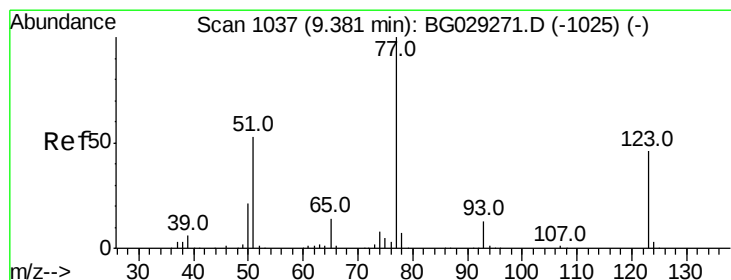
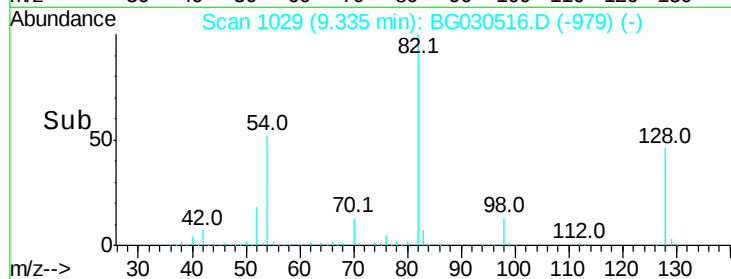
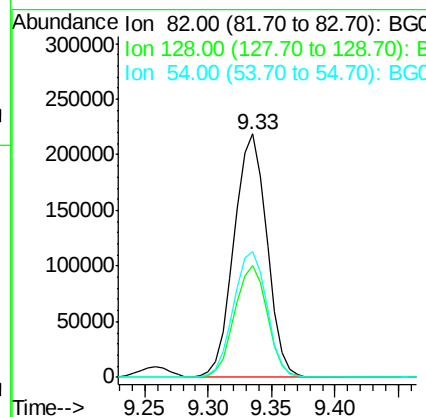
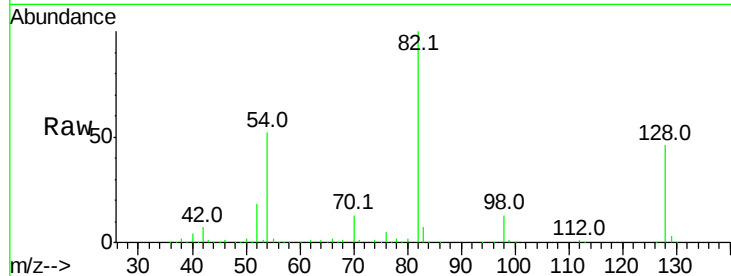




#23
 Nitrobenzene-d5
 Concen: 81.847 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

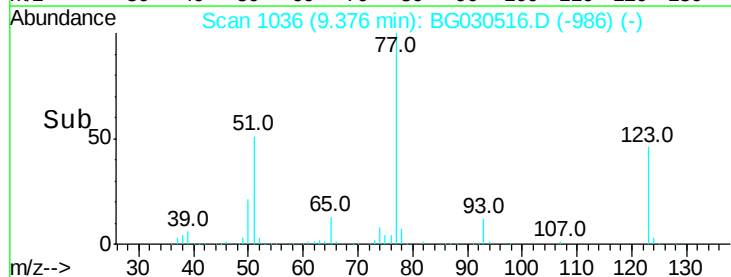
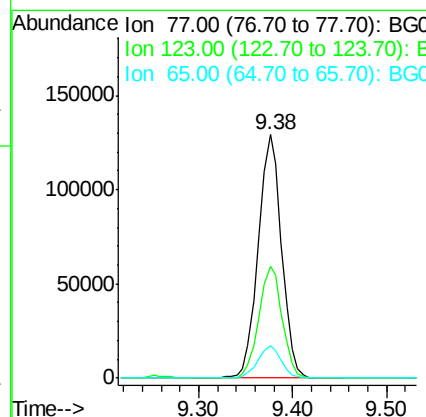
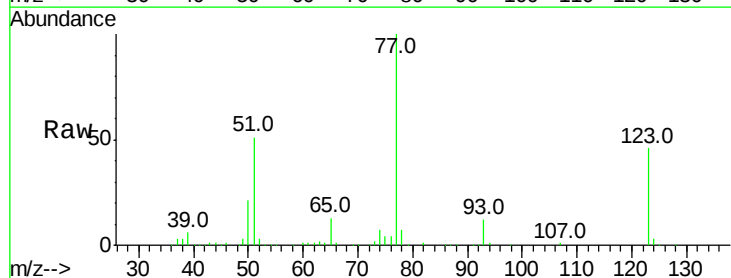
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion: 82 Resp: 392507
 Ion Ratio Lower Upper
 82 100
 128 45.9 29.7 44.5#
 54 52.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 41.168 ng
 RT: 9.38 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion: 77 Resp: 221981
 Ion Ratio Lower Upper
 77 100
 123 46.1 33.0 49.6
 65 13.4 13.0 19.6

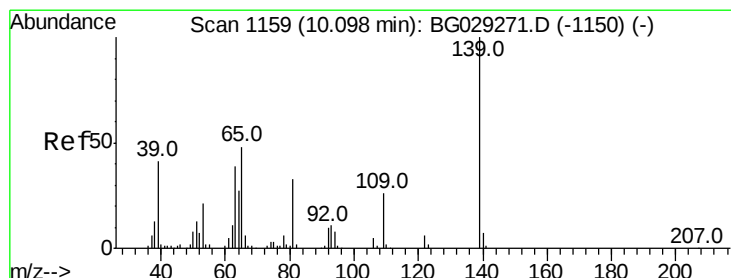
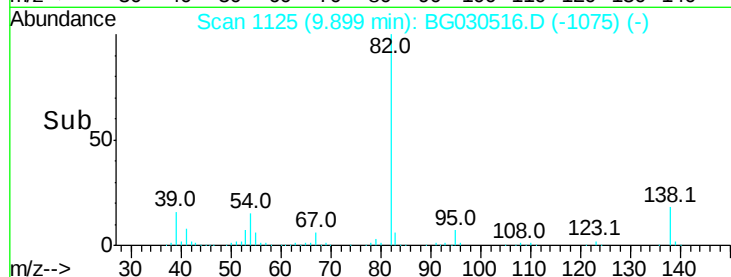
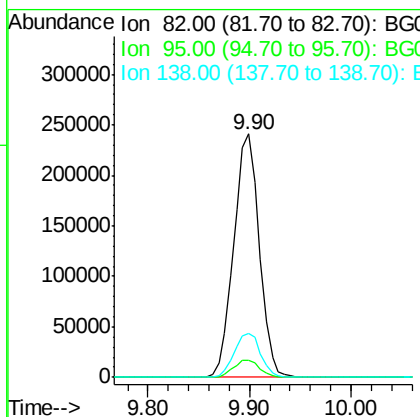
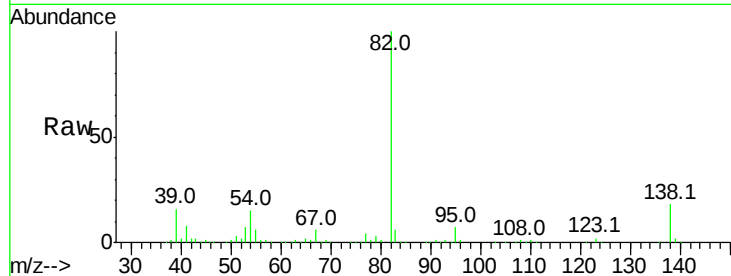




#25
Isophorone
Concen: 42.085 ng
RT: 9.90 min Scan# 1125
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

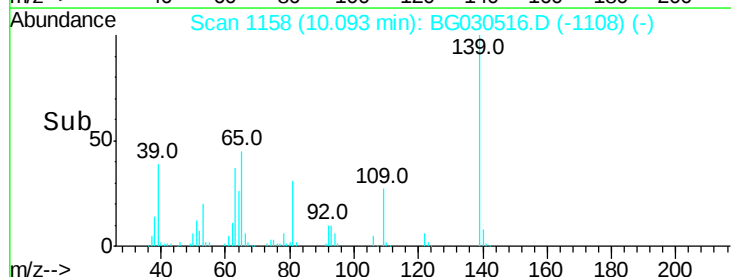
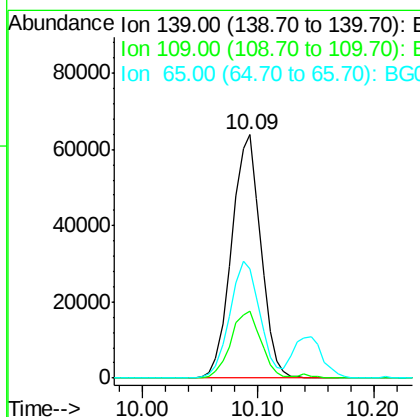
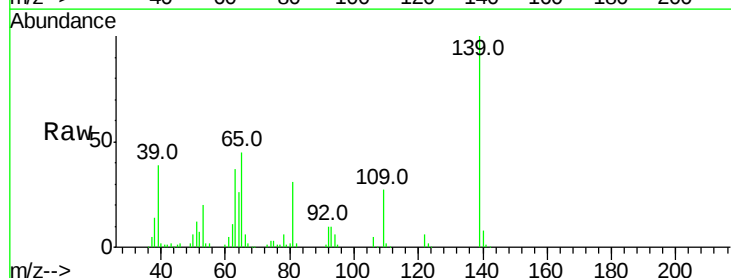
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

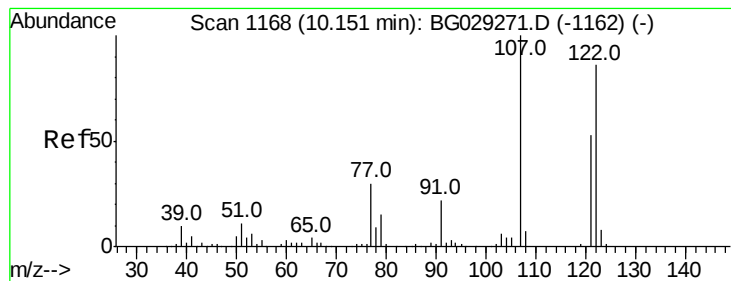
Tot Ion: 82 Resp: 421328
Ion Ratio Lower Upper
82 100
95 7.2 6.2 9.2
138 18.2 12.1 18.1#



#26
2-Nitrophenol
Concen: 43.255 ng
RT: 10.09 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion: 139 Resp: 111473
Ion Ratio Lower Upper
139 100
109 27.5 24.2 36.2
65 44.7 47.4 71.0#





#27

2,4-Dimethylphenol

Concen: 40.461 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

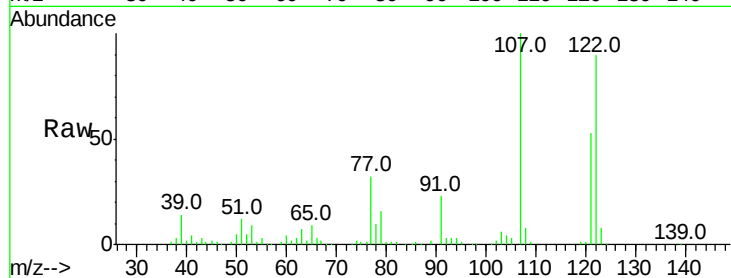
Tot Ion:122 Resp: 188656

Ion Ratio Lower Upper

122 100

107 111.3 100.2 150.2

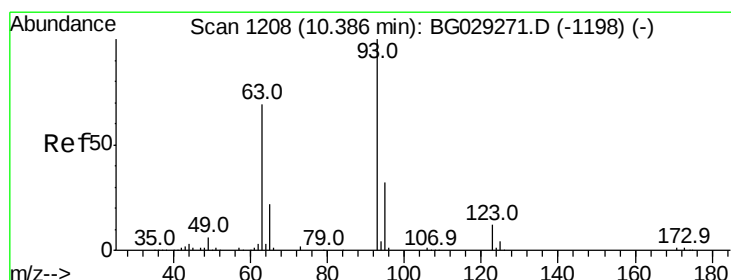
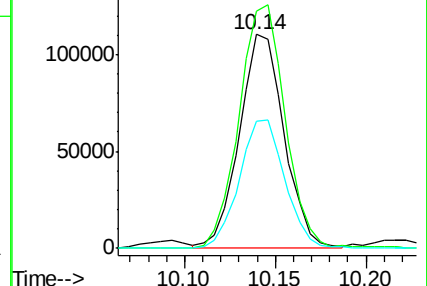
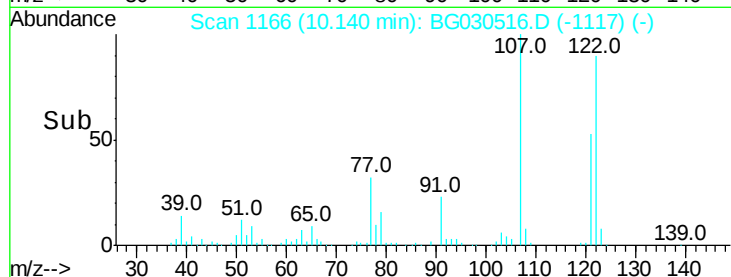
121 59.4 44.4 66.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.742 ng

RT: 10.37 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

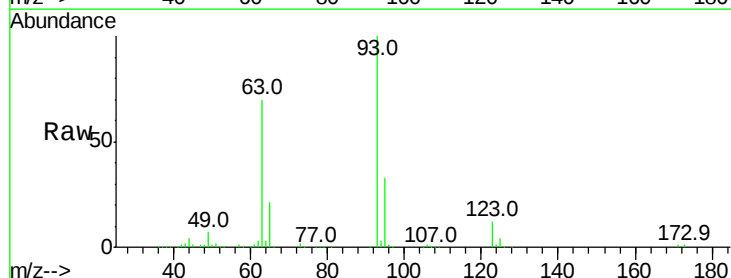
Tgt Ion: 93 Resp: 256251

Ion Ratio Lower Upper

93 100

95 32.7 24.3 36.5

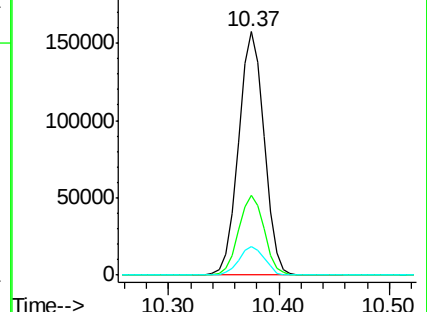
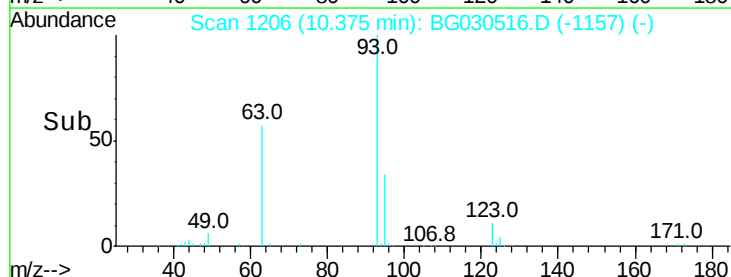
123 11.8 8.4 12.6

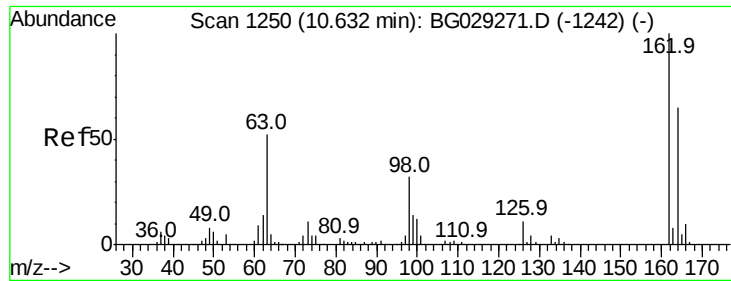


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

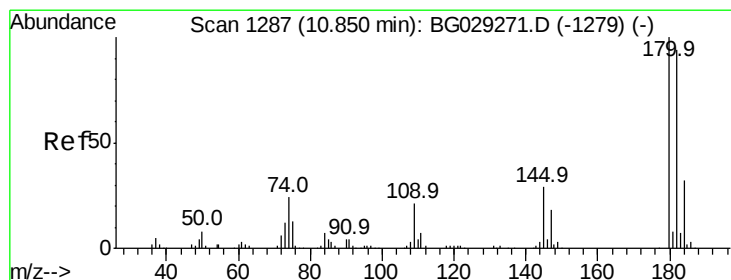
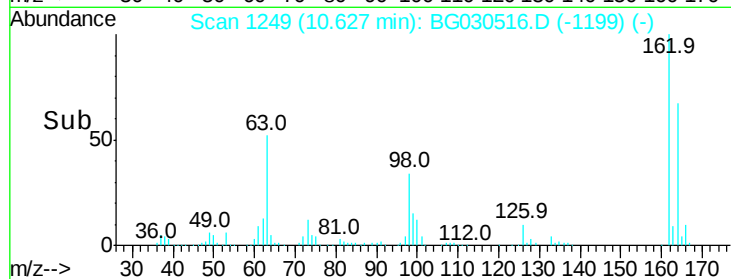
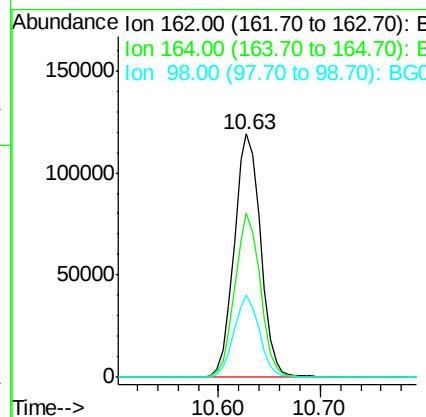
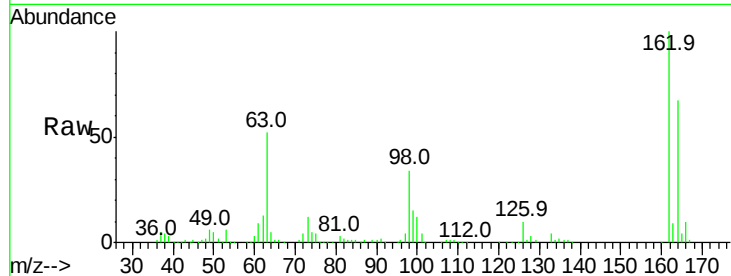




#29
 2,4-Dichlorophenol
 Concen: 43.284 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

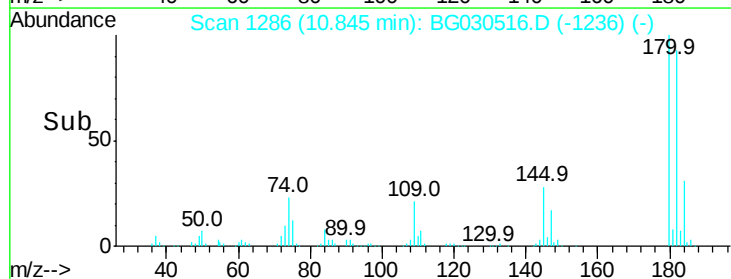
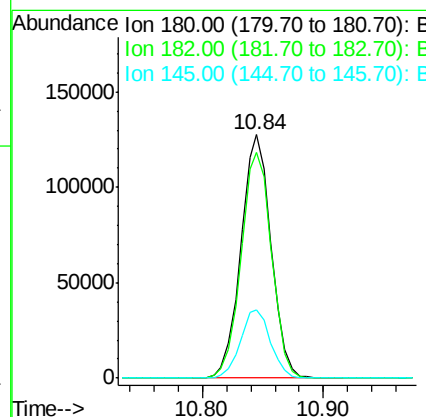
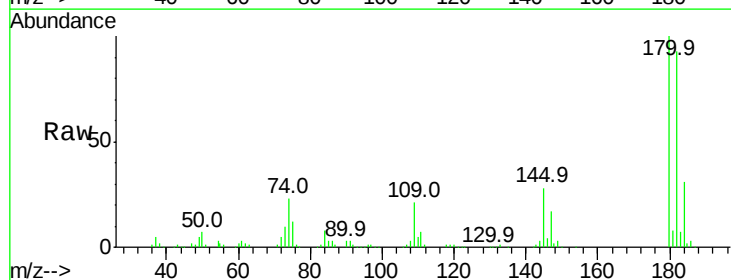
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

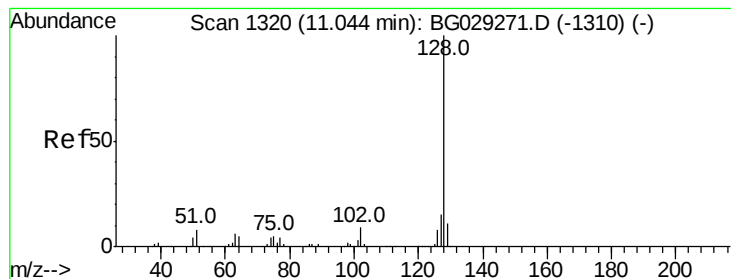
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.3	48.0	88.0
98	33.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.183 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	77.5	116.3
145	28.3	23.4	35.2





#31

Naphthalene

Concen: 39.731 ng

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

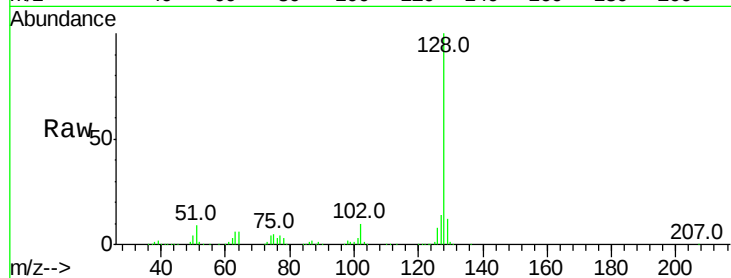
Tot Ion:128 Resp: 603435

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

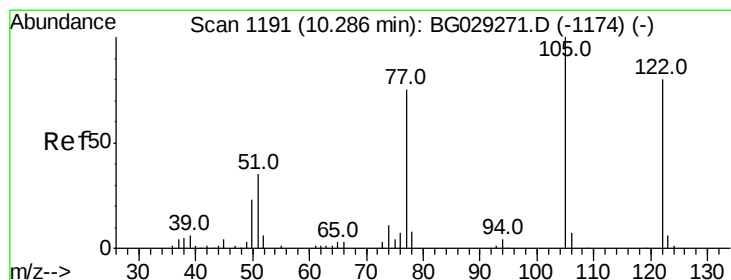
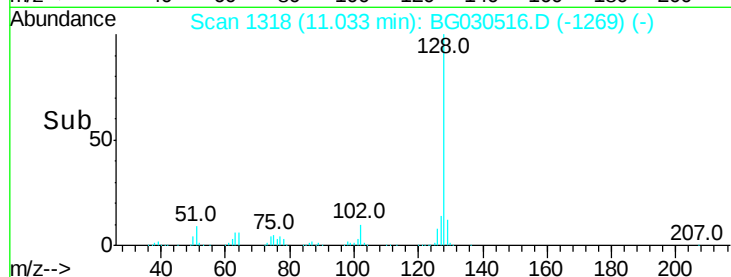
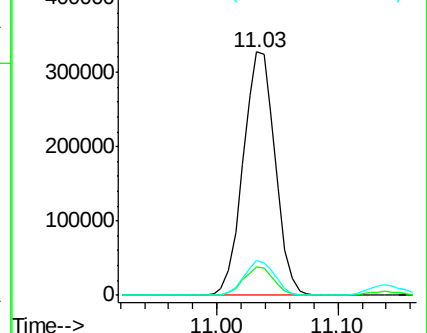
127 14.1 11.6 17.4



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



#32

Benzoic acid

Concen: 2.741 ng

RT: 10.22 min Scan# 1179

Delta R.T. -0.07 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

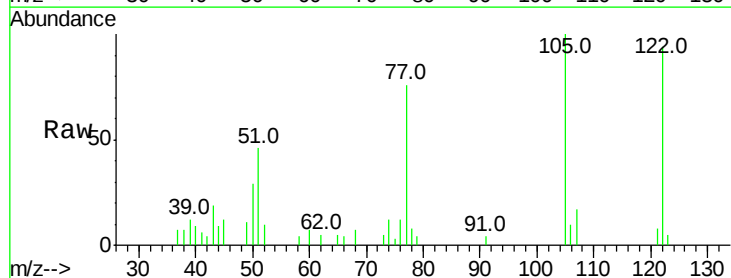
Tgt Ion:122 Resp: 10703

Ion Ratio Lower Upper

122 100

105 106.6 123.5 163.5#

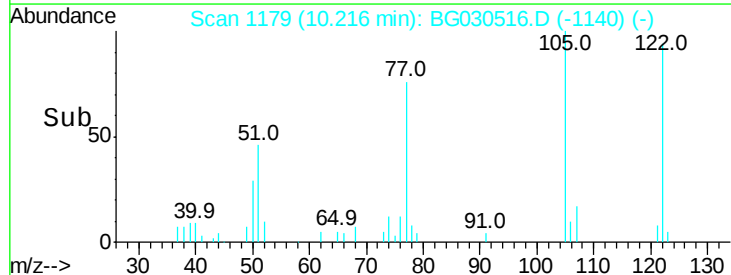
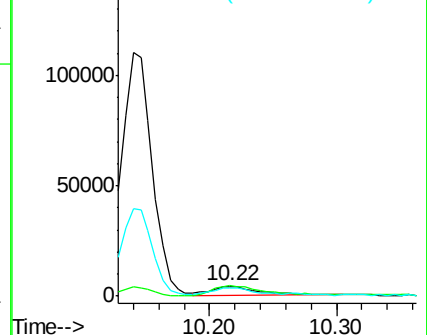
77 81.5 85.7 125.7#

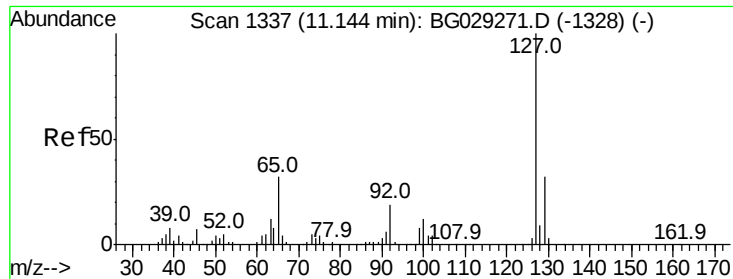


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

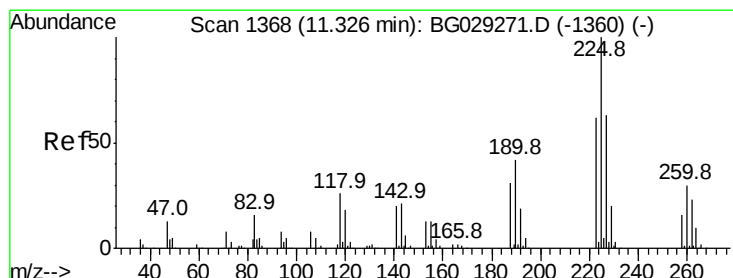
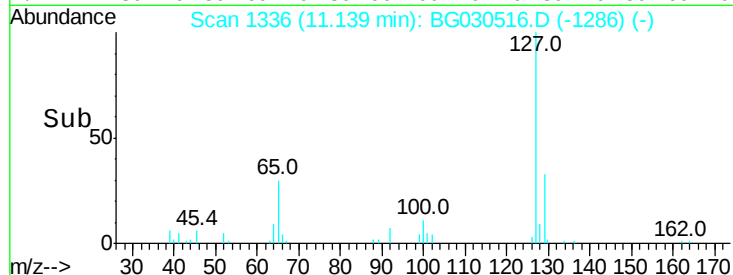
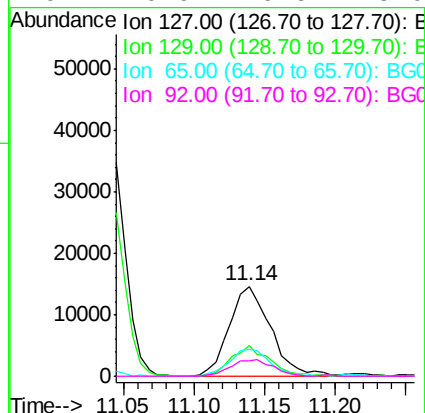
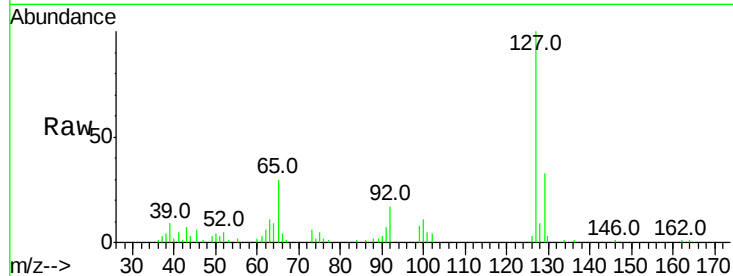




#33
4-Chloroaniline
Concen: 4.712 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

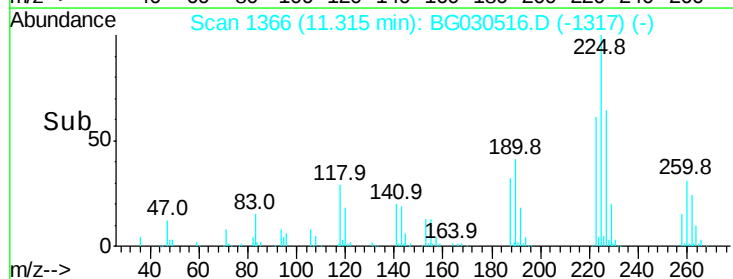
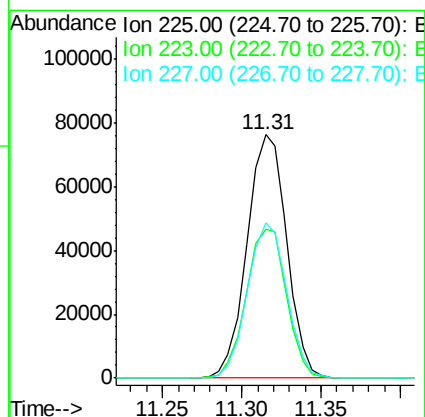
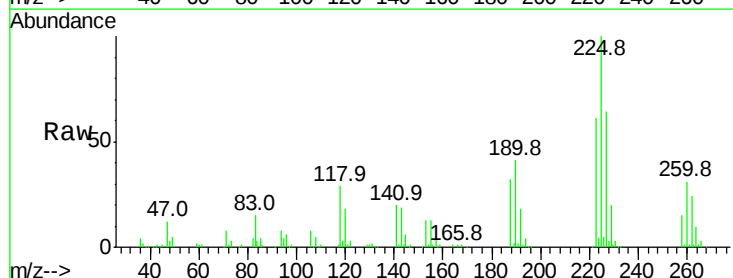
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

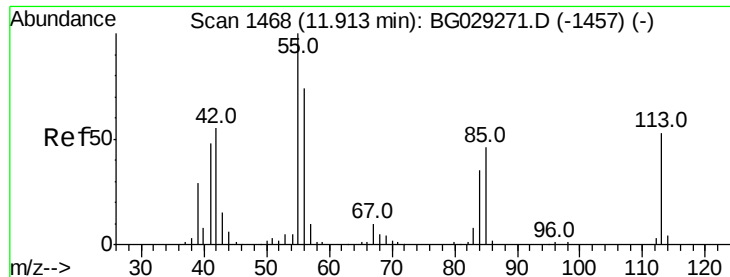
Tot Ion:127	Resp:	30101
Ion Ratio	Lower	Upper
127	100	
129	33.5	24.0 36.0
65	29.8	27.0 40.4
92	16.9	16.6 25.0



#34
Hexachlorobutadiene
Concen: 39.837 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:225	Resp:	133049
Ion Ratio	Lower	Upper
225	100	
223	61.3	49.7 74.5
227	64.0	48.1 72.1





#35

Caprolactam

Concen: 34.036 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

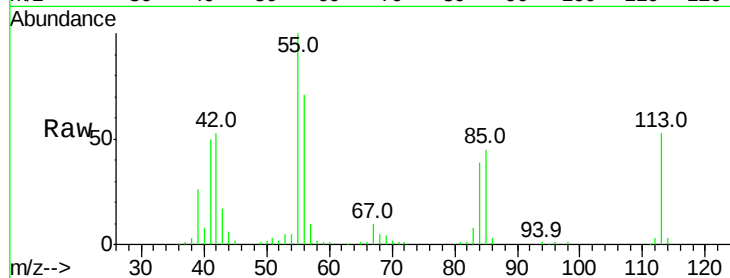
Tot Ion:113 Resp: 56244

Ion Ratio Lower Upper

113 100

55 187.7 186.9 226.9

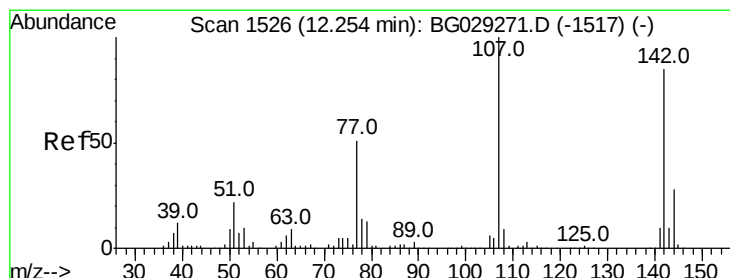
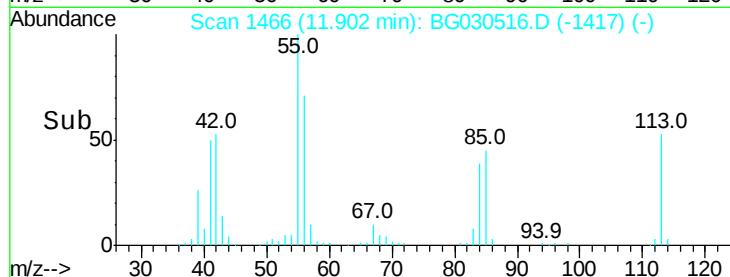
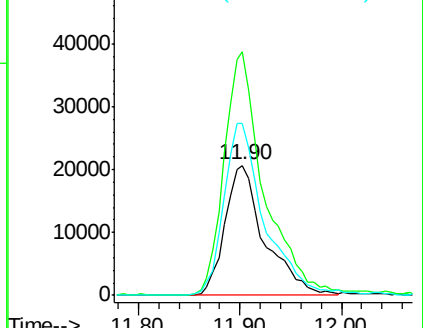
56 132.7 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.561 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

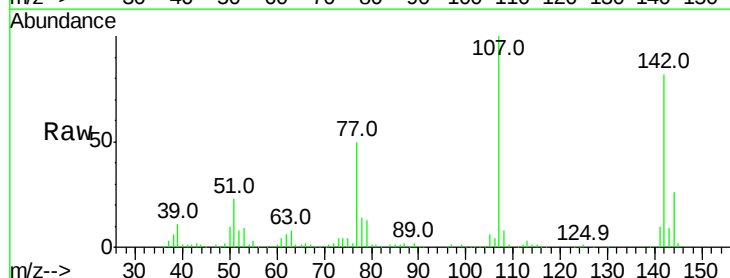
Tgt Ion:107 Resp: 227282

Ion Ratio Lower Upper

107 100

144 25.7 18.2 27.4

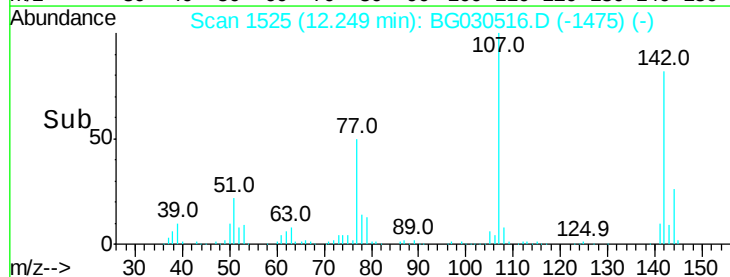
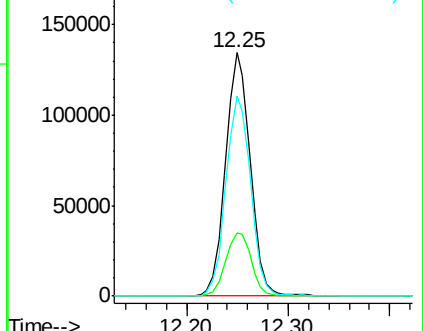
142 82.3 59.0 88.4

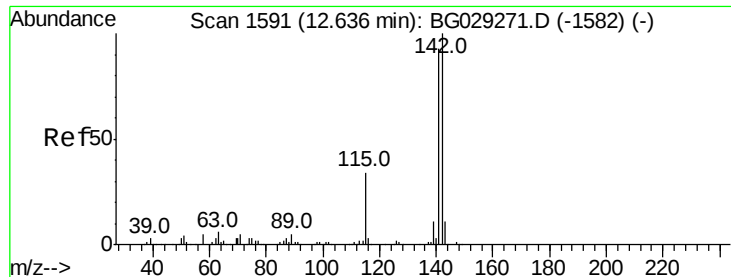


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

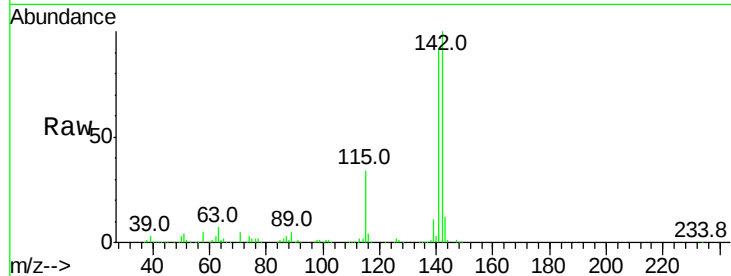




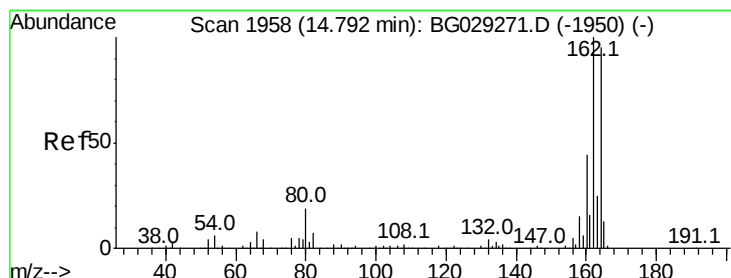
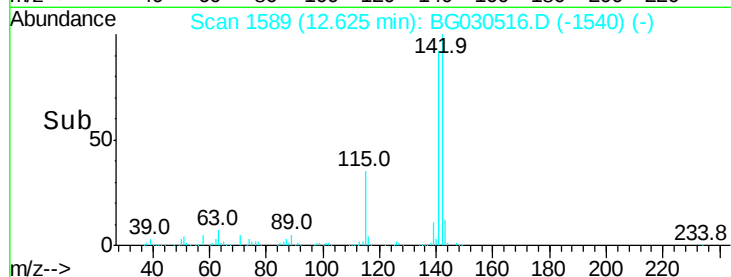
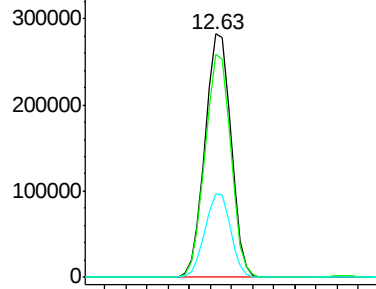
#37
2-Methylnaphthalene
Concen: 43.123 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:142 Resp: 477346
Ion Ratio Lower Upper
142 100
141 91.5 67.1 100.7
115 34.5 30.7 46.1

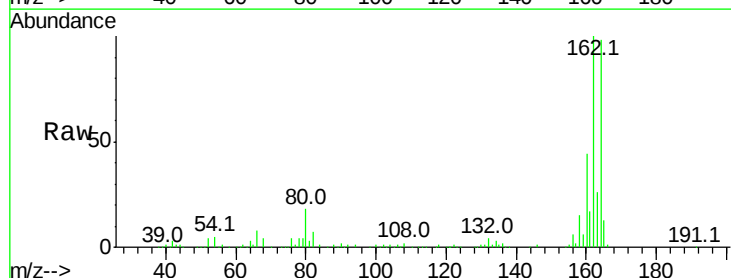


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

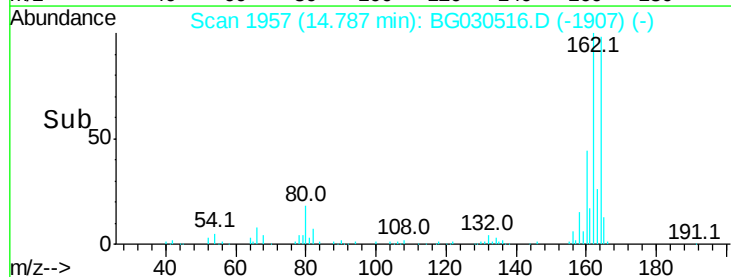
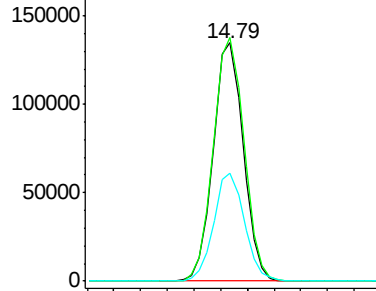


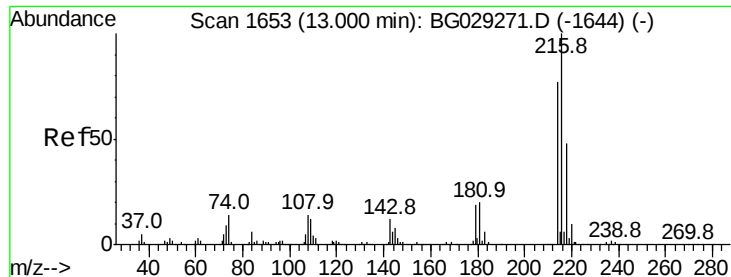
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:164 Resp: 208854
Ion Ratio Lower Upper
164 100
162 102.3 78.8 118.2
160 45.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.755 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:216 Resp: 265020

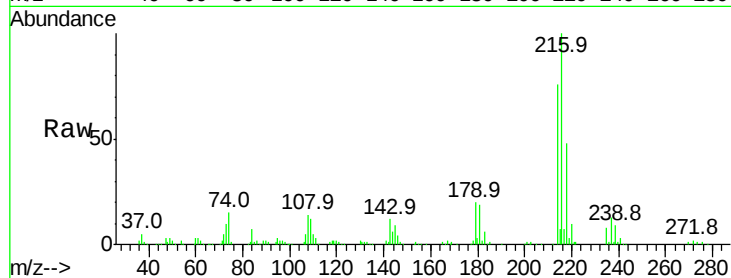
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 20.0 17.0 25.6

108 16.3 12.8 19.2

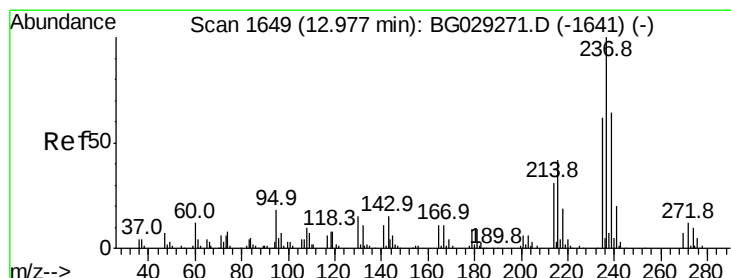
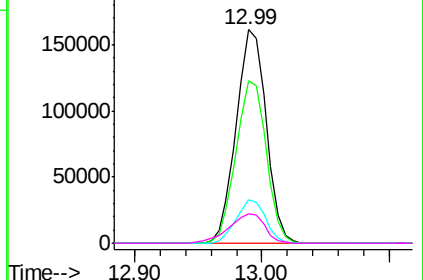
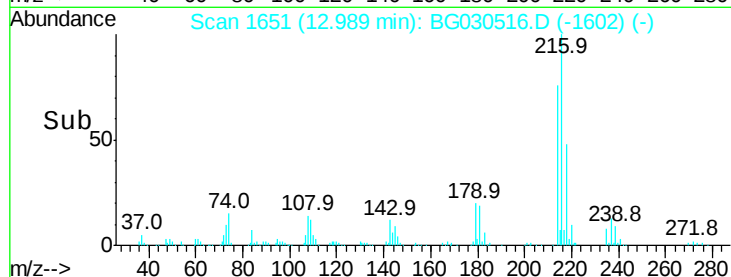


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 84.313 ng

RT: 12.97 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

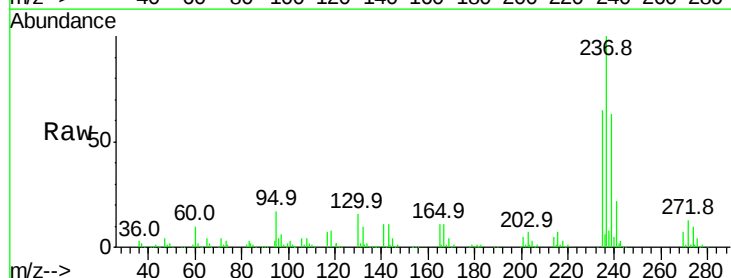
Tgt Ion:237 Resp: 244321

Ion Ratio Lower Upper

237 100

235 65.4 50.4 90.4

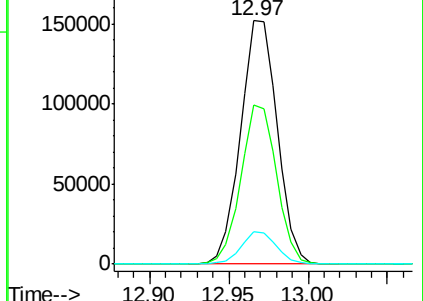
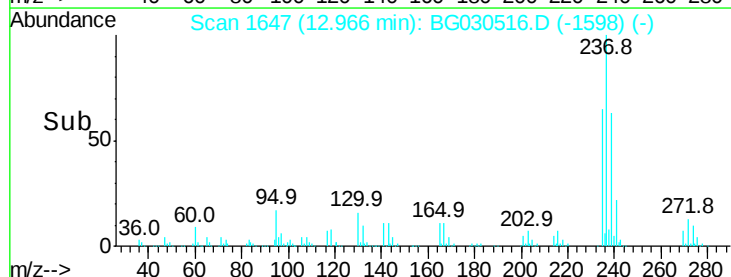
272 13.1 0.0 31.8

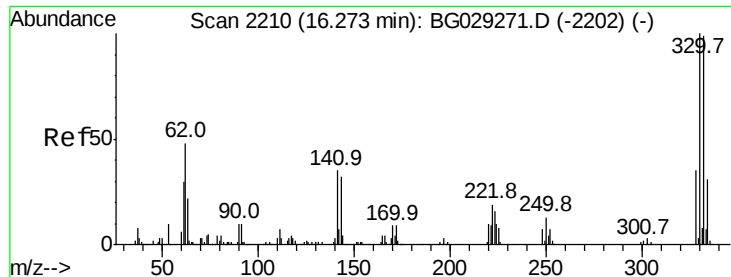


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

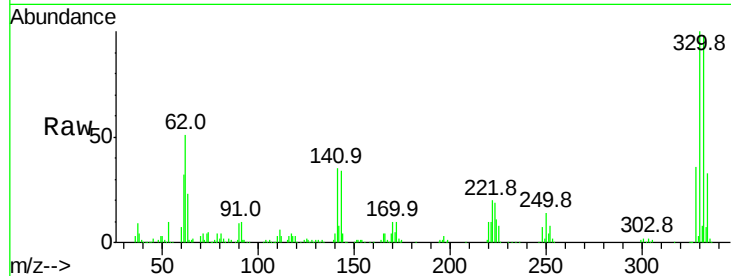




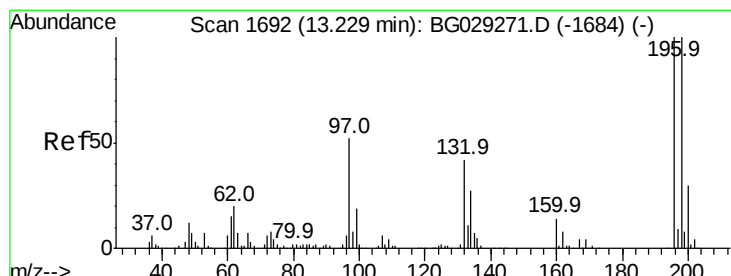
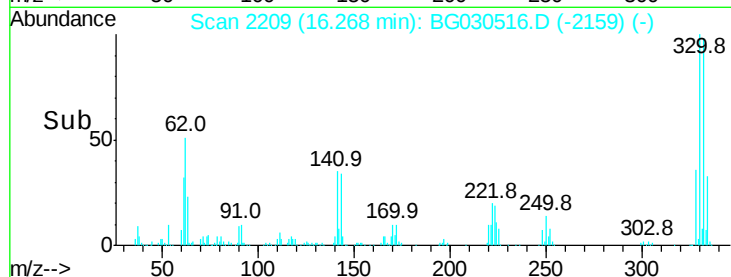
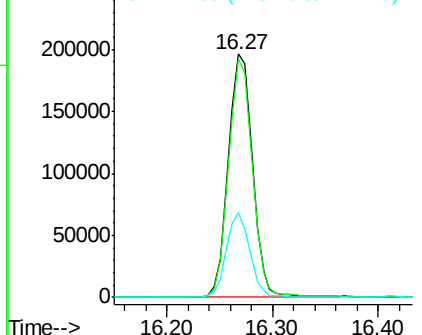
#41
 2,4,6-Tribromophenol
 Concen: 115.955 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:330 Resp: 312674
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.5 25.2 37.8

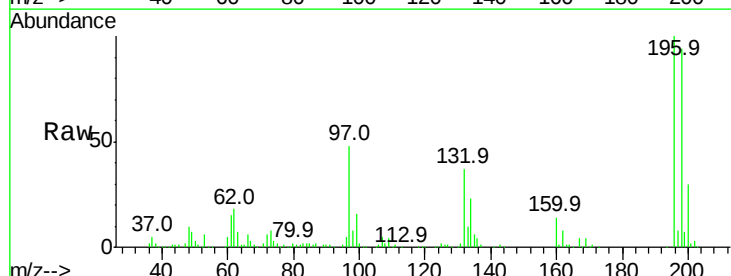


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

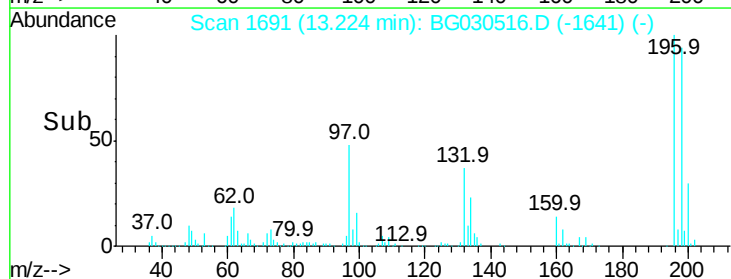
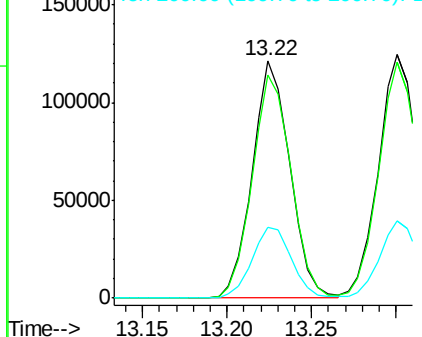


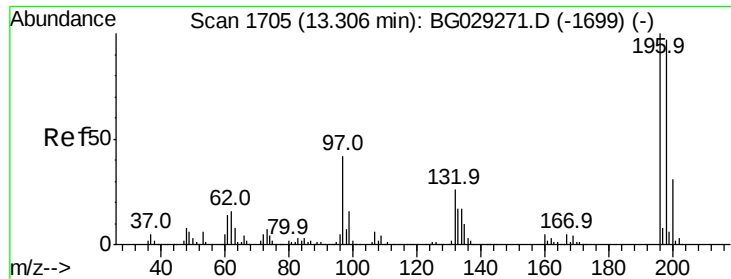
#42
 2,4,6-Trichlorophenol
 Concen: 39.367 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:196 Resp: 188444
 Ion Ratio Lower Upper
 196 100
 198 94.2 78.2 117.2
 200 29.9 24.6 36.8



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

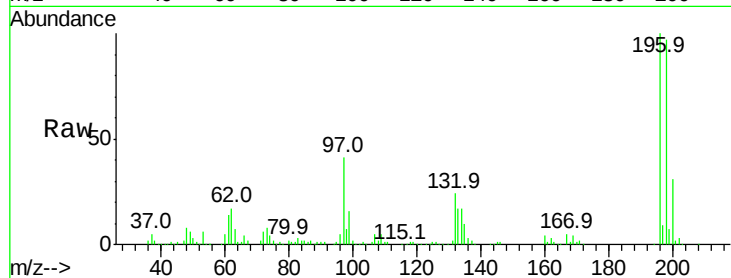




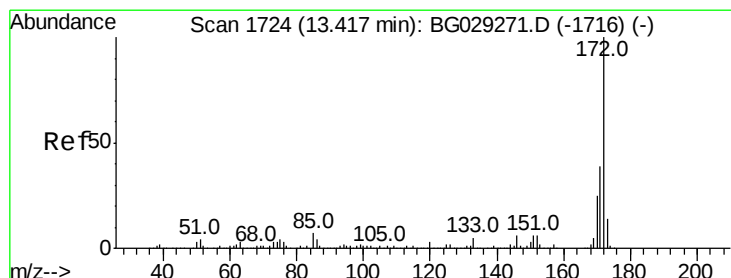
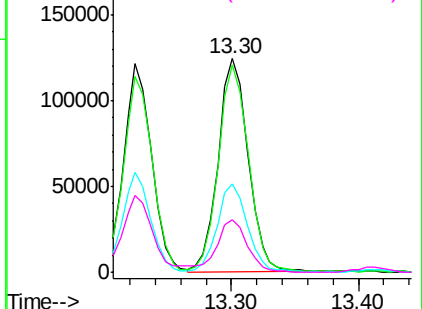
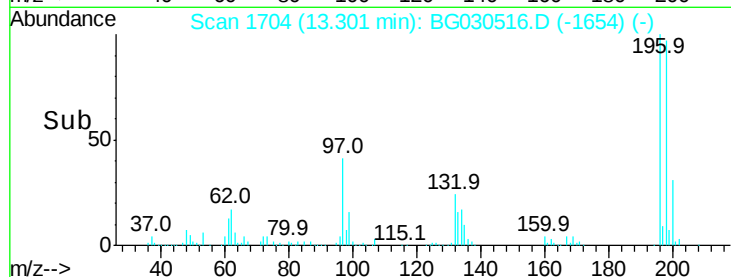
#43
2,4,5-Trichlorophenol
Concen: 41.755 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:196 Resp: 205267
Ion Ratio Lower Upper
196 100
198 97.2 76.2 114.4
97 41.1 38.7 58.1
132 24.4 20.2 30.2

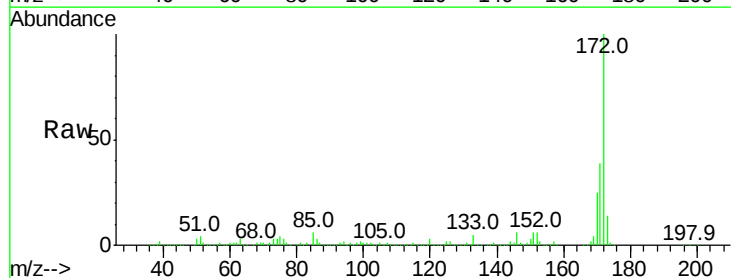


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BGC
Ion 132.00 (131.70 to 132.70): E

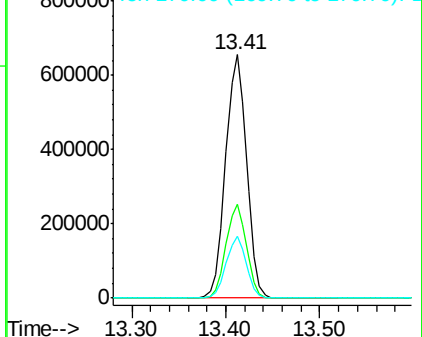
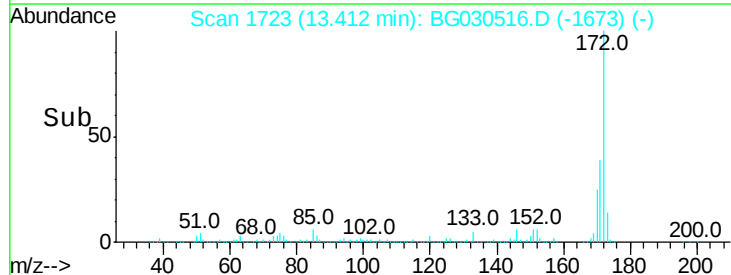


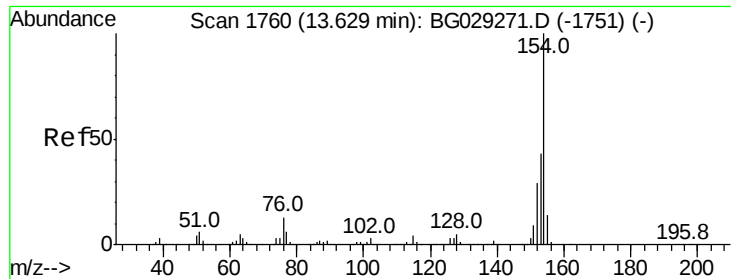
#44
2-Fluorobiphenyl
Concen: 71.133 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:172 Resp: 1012947
Ion Ratio Lower Upper
172 100
171 38.6 30.0 45.0
170 25.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

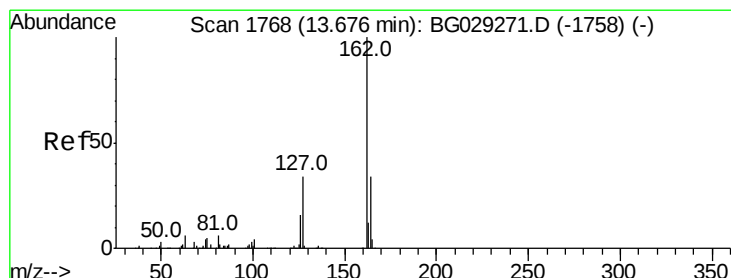
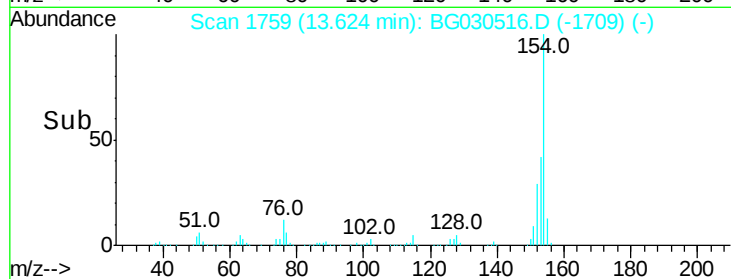
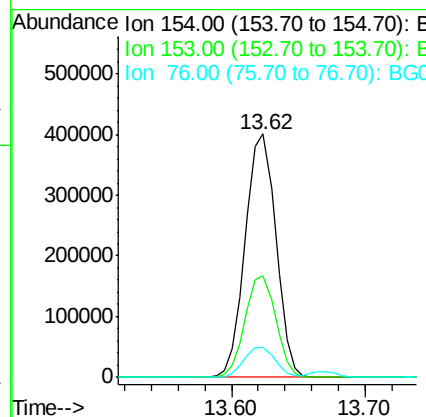
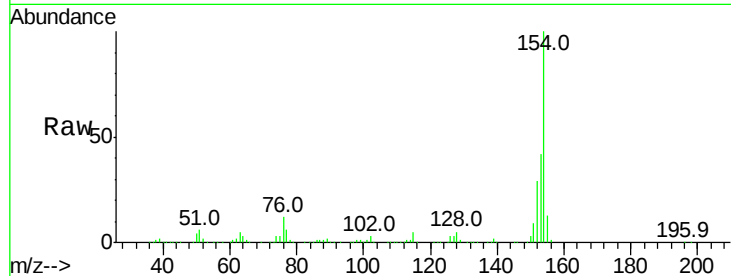




#45
 1,1'-Biphenyl
 Concen: 35.526 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

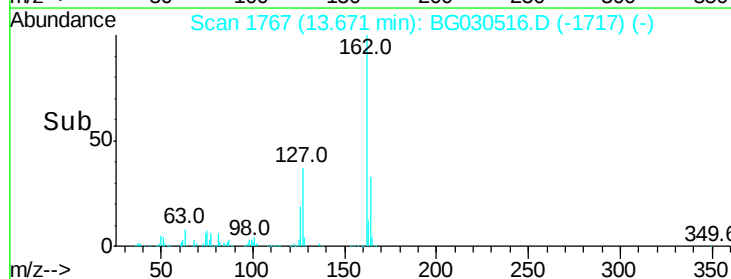
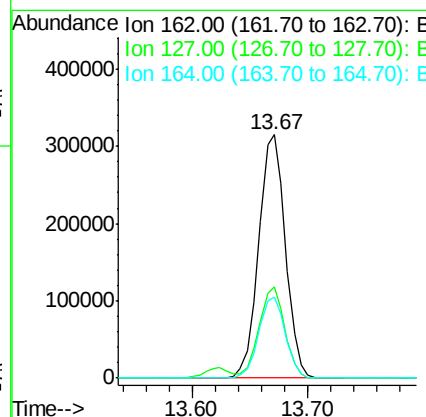
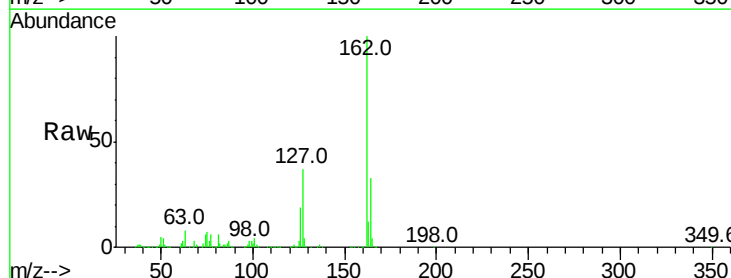
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

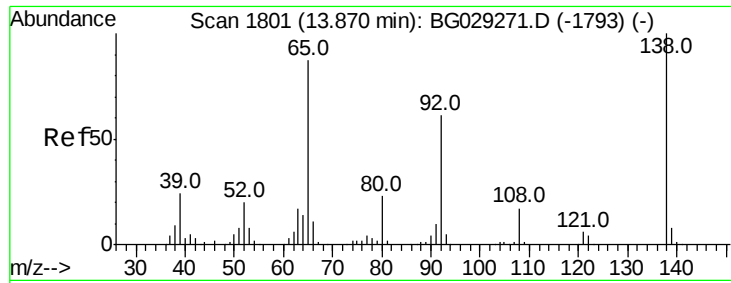
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.7	19.8	59.8
76	12.1	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 38.815 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.7	46.1
164	33.2	26.0	39.0

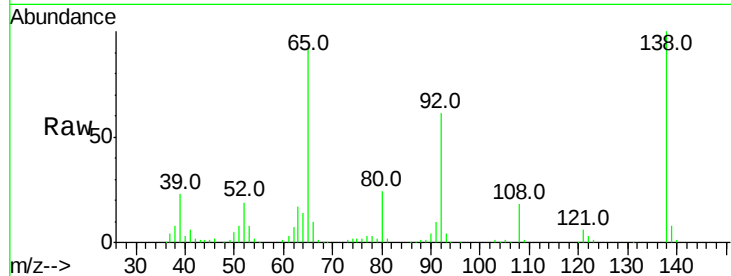




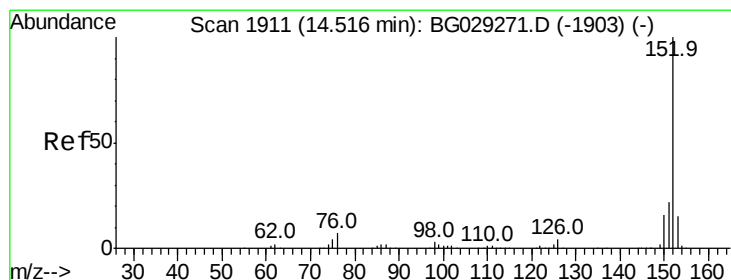
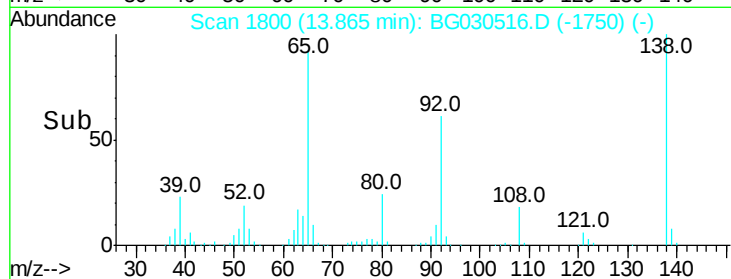
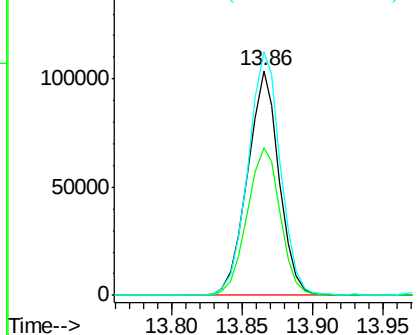
#47
 2-Nitroaniline
 Concen: 45.365 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion: 65 Resp: 163162
 Ion Ratio Lower Upper
 65 100
 92 65.7 54.6 82.0
 138 108.4 72.9 109.3

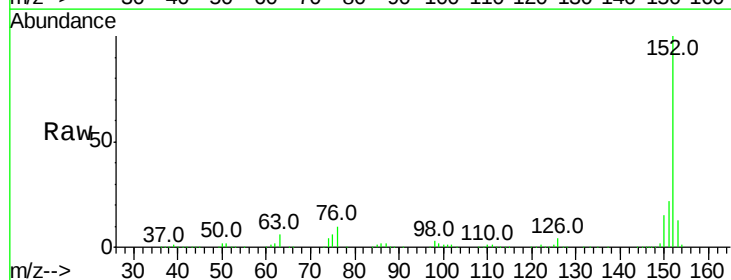


Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): BGC

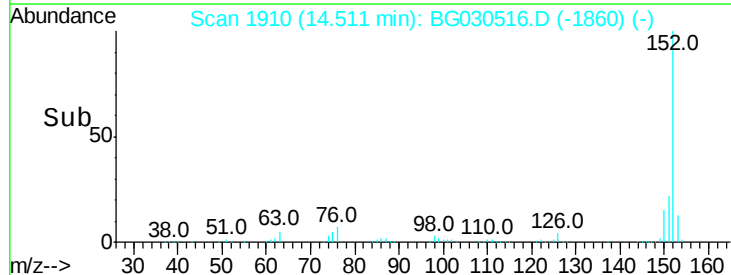
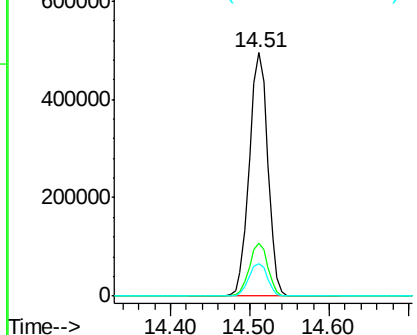


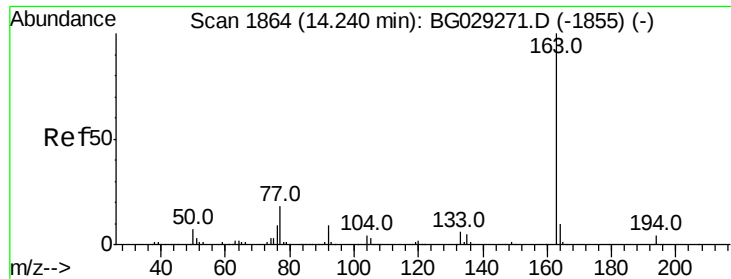
#48
 Acenaphthylene
 Concen: 39.431 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion: 152 Resp: 808050
 Ion Ratio Lower Upper
 152 100
 151 21.7 17.2 25.8
 153 13.5 10.2 15.4



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





#49

Dimethylphthalate

Concen: 40.660 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

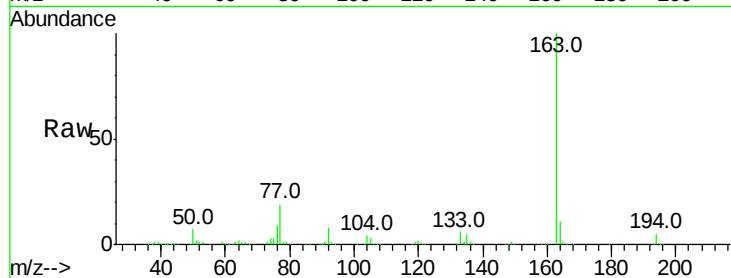
Tot Ion:163 Resp: 662569

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

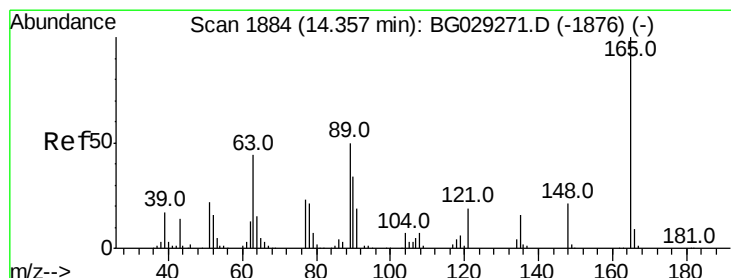
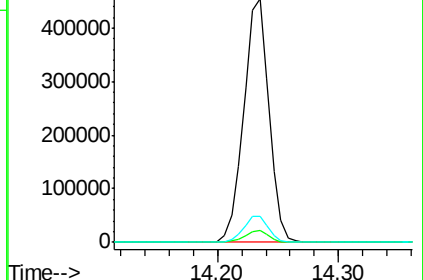
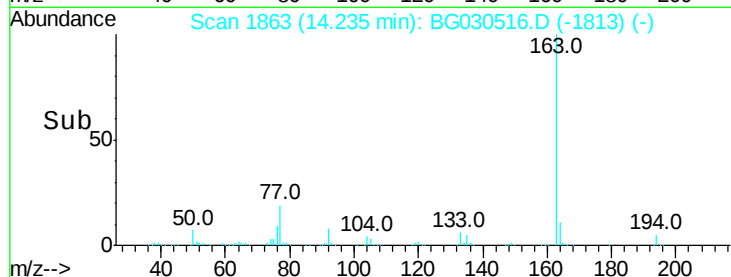
164 10.7 8.2 12.4



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



#50

2,6-Dinitrotoluene

Concen: 44.658 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

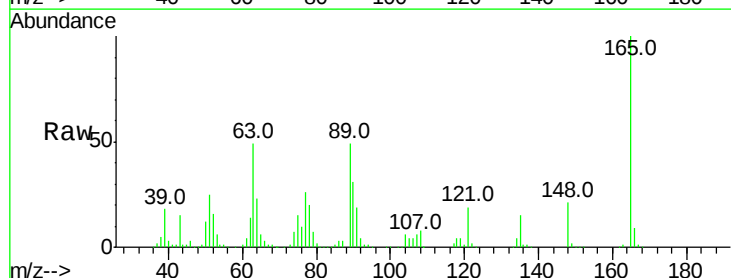
Tgt Ion:165 Resp: 152553

Ion Ratio Lower Upper

165 100

63 49.1 52.7 79.1#

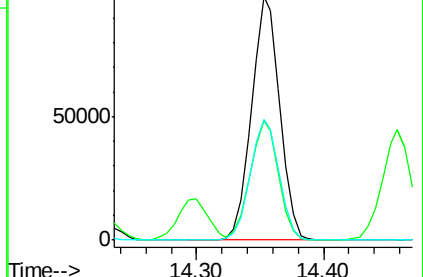
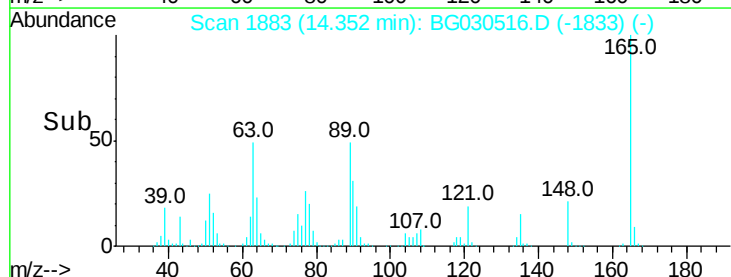
89 49.5 49.2 73.8

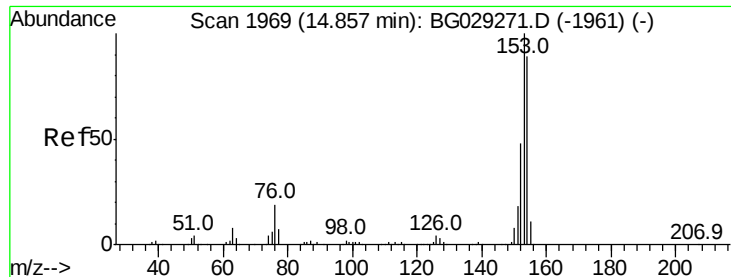


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.287 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

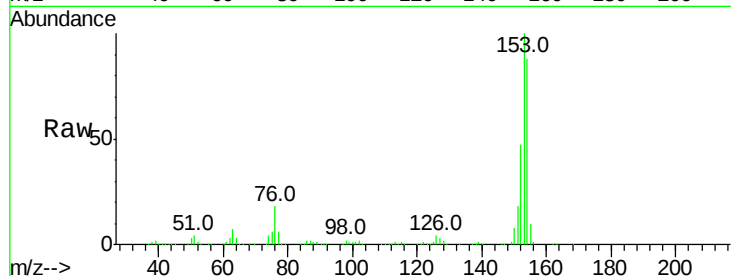
Tot Ion:154 Resp: 497171

Ion Ratio Lower Upper

154 100

153 113.8 90.4 135.6

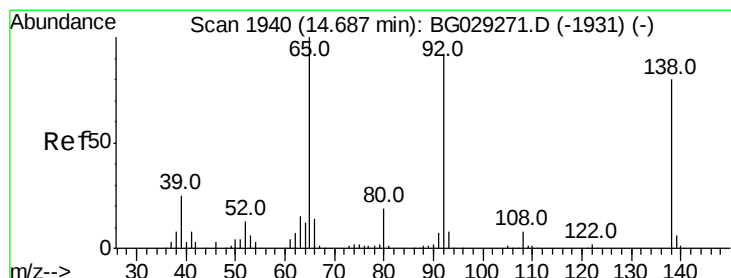
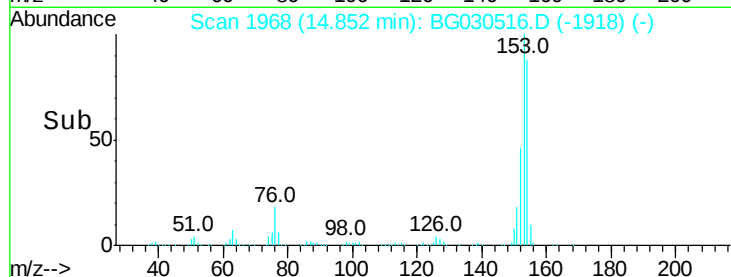
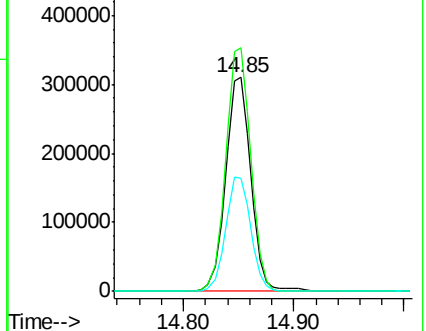
152 53.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.620 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

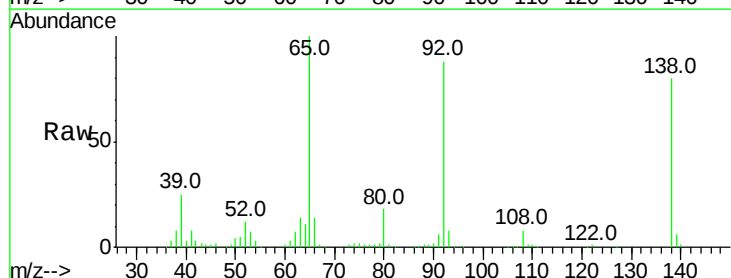
Tgt Ion:138 Resp: 83380

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

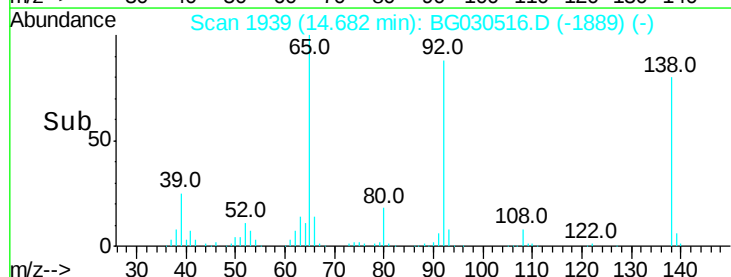
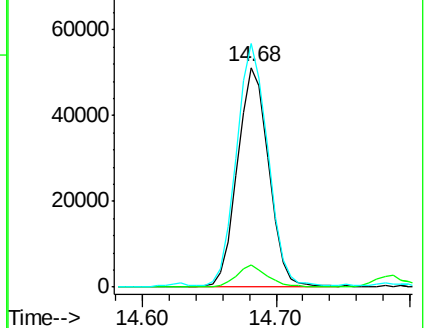
92 110.8 105.8 158.8

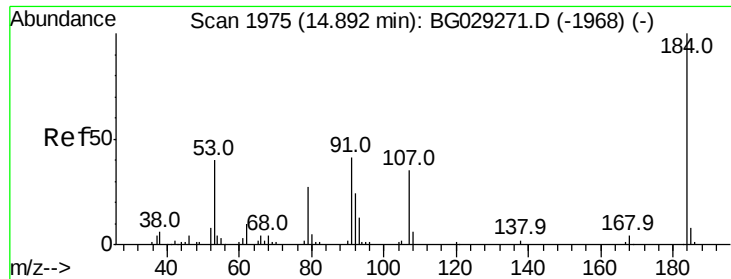


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

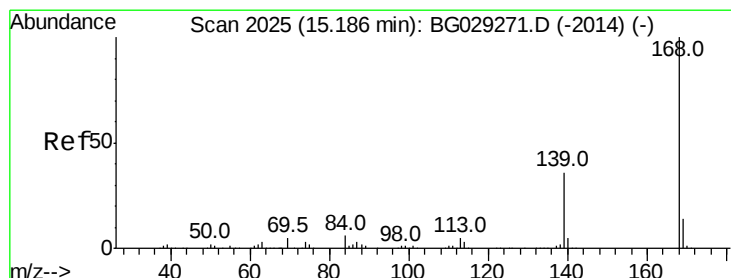
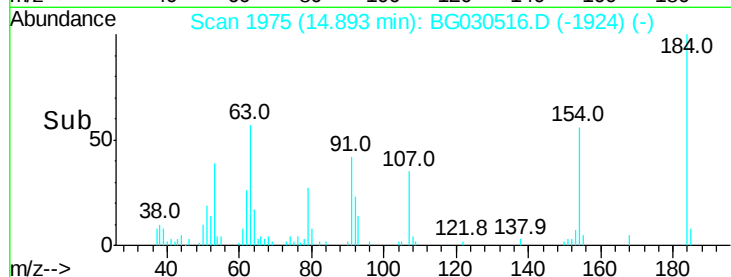
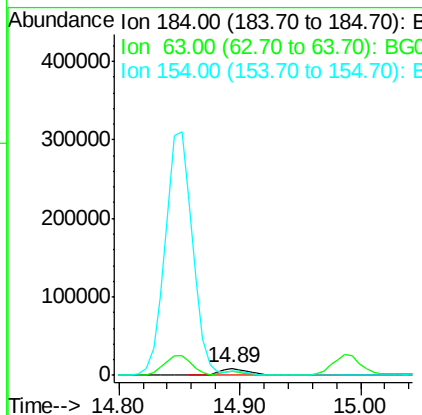
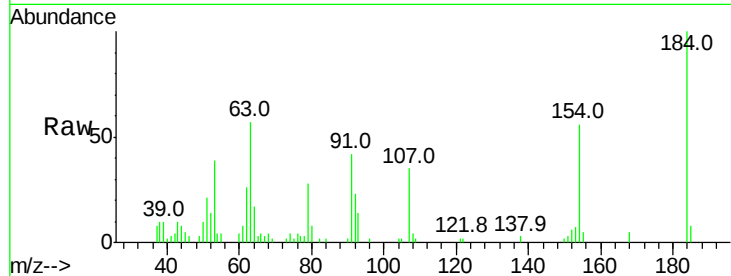




#53
 2,4-Dinitrophenol
 Concen: 14.255 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

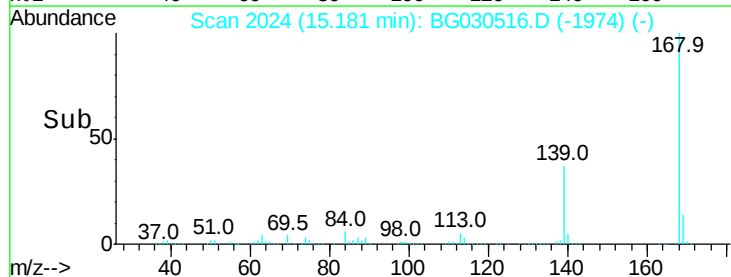
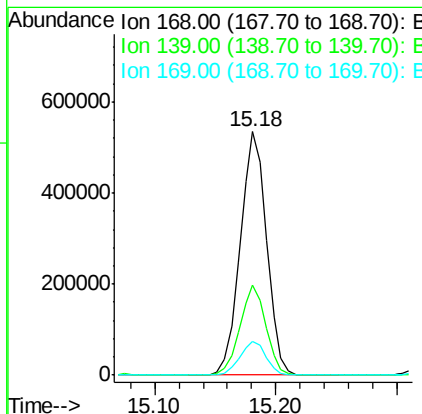
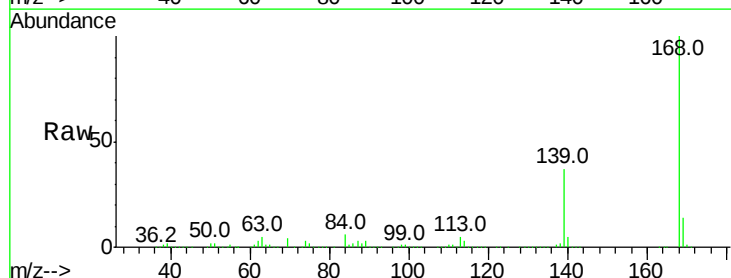
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

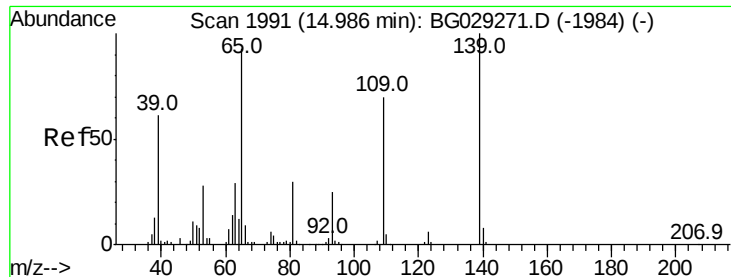
Tot Ion:184 Resp: 15638
 Ion Ratio Lower Upper
 184 100
 63 57.1 59.8 89.8#
 154 56.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 42.586 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:168 Resp: 810608
 Ion Ratio Lower Upper
 168 100
 139 37.2 28.6 43.0
 169 14.0 11.2 16.8

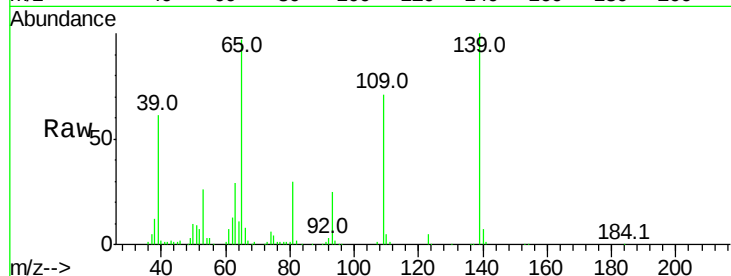




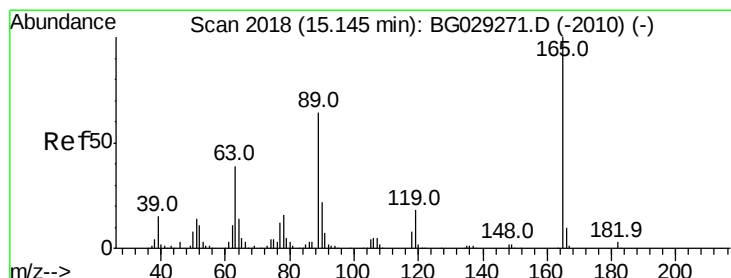
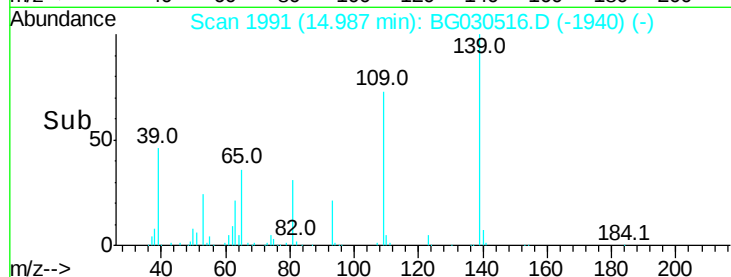
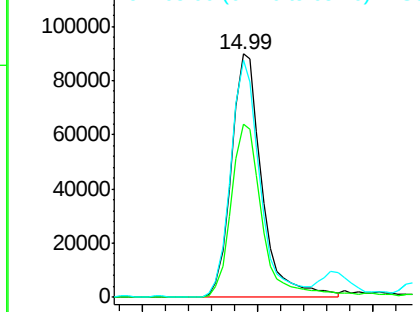
#55
4-Nitrophenol
Concen: 54.410 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.3	62.2	102.2
65	97.4	97.2	137.2



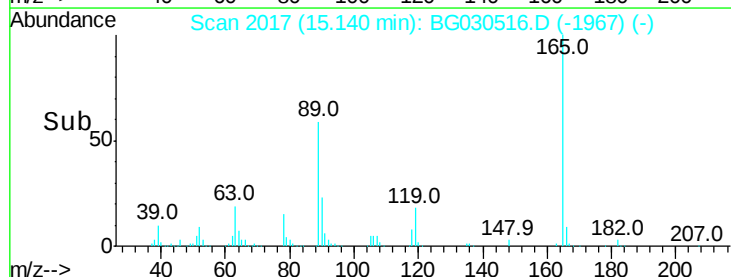
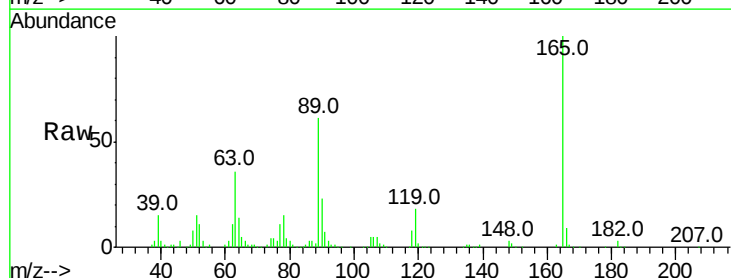
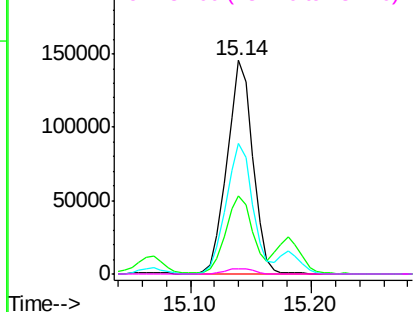
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

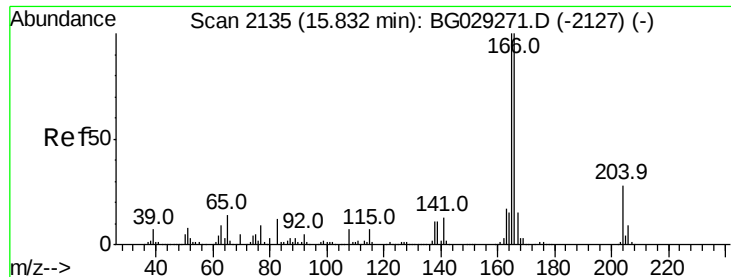


#56
2,4-Dinitrotoluene
Concen: 46.525 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	36.3	42.0	63.0#
89	60.9	66.9	100.3#
182	2.6	2.6	3.8

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.603 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

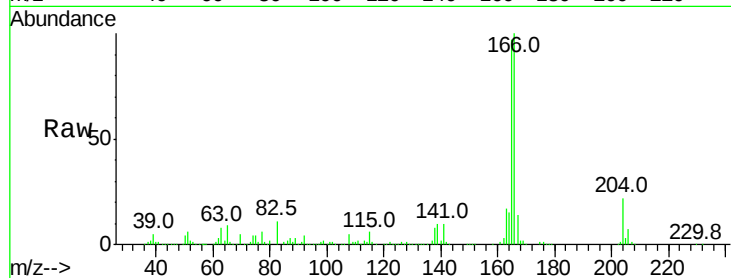
Tot Ion:166 Resp: 638454

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

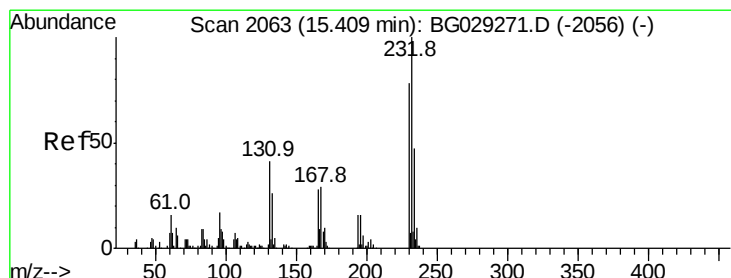
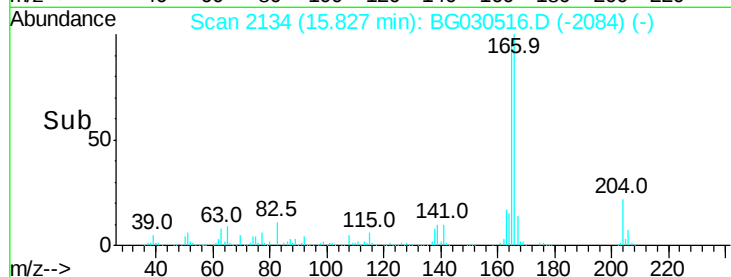
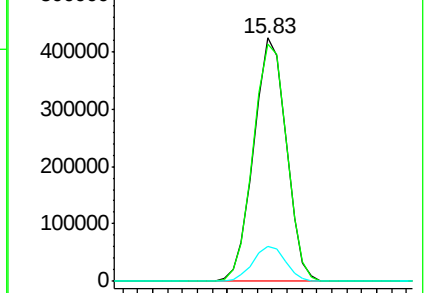
167 14.2 10.4 15.6



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.653 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Tgt Ion:232 Resp: 174938

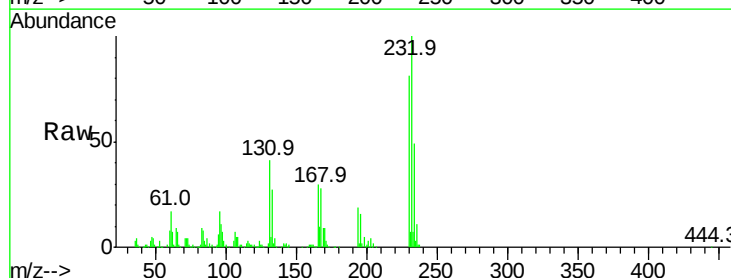
Ion Ratio Lower Upper

232 100

131 38.9 33.5 50.3

130 1.9 2.2 3.2#

166 27.7 24.8 37.2

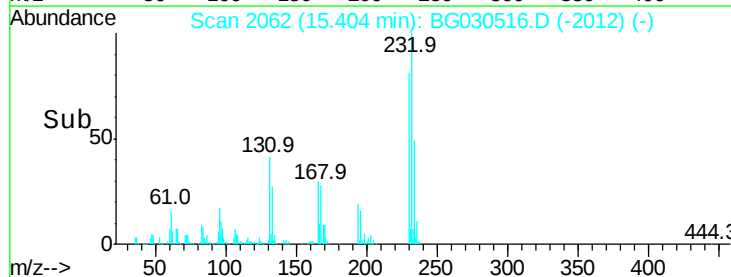
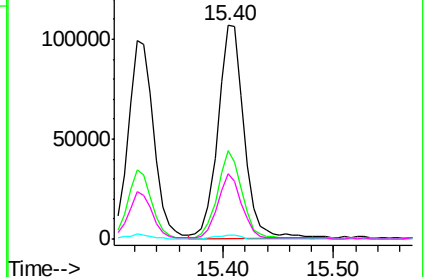


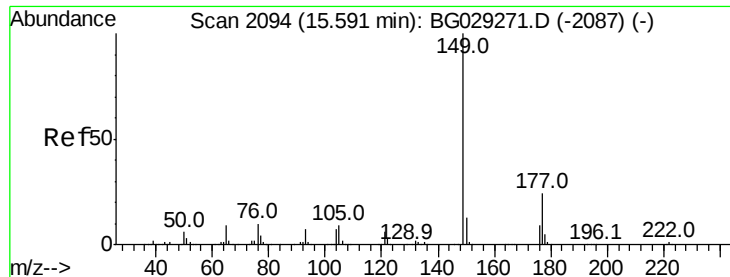
Abundance Ion 232.00 (231.70 to 232.70): E

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

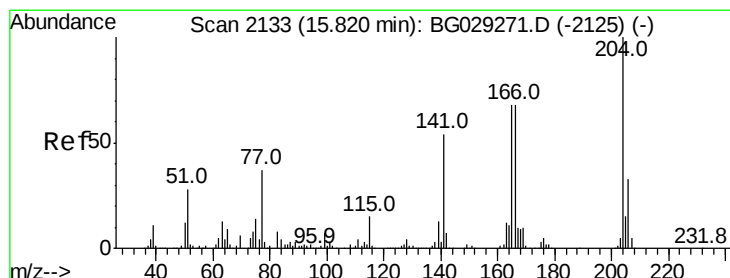
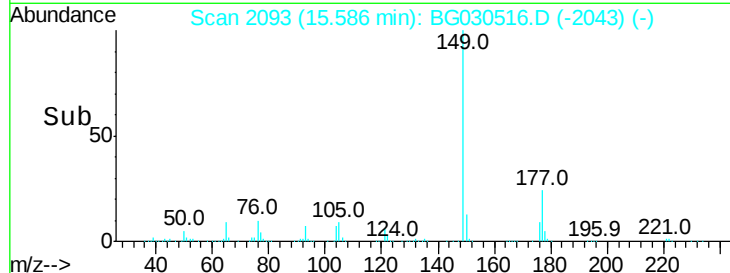
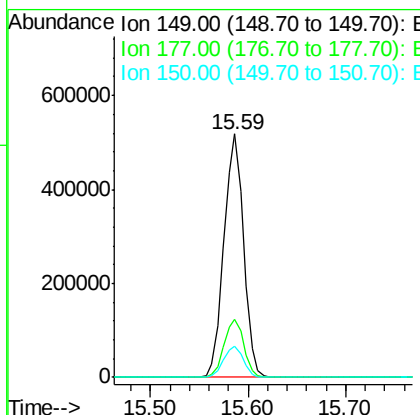
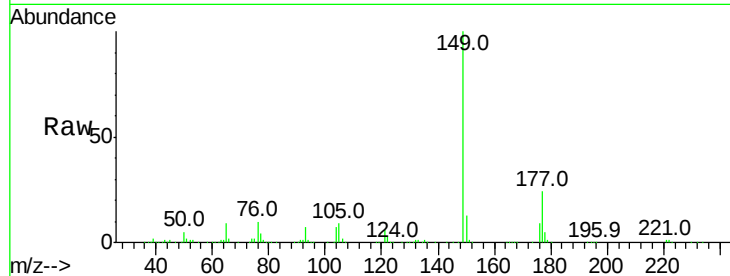




#59
Diethylphthalate
Concen: 44.505 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

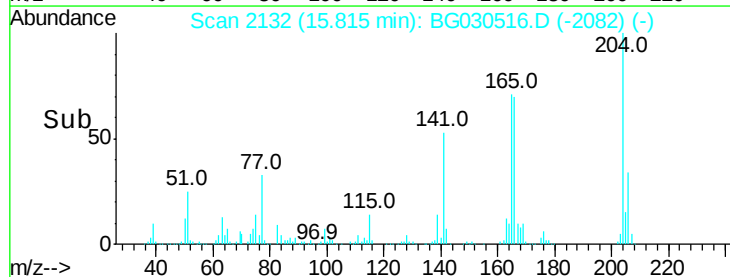
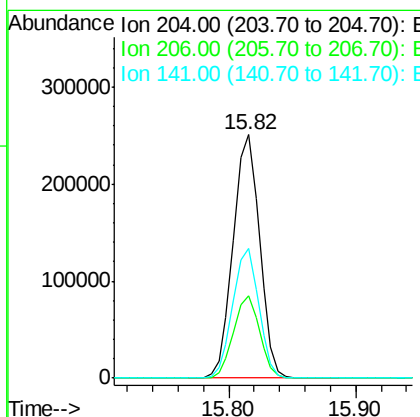
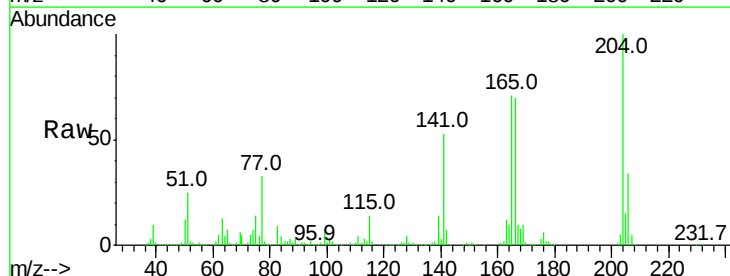
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

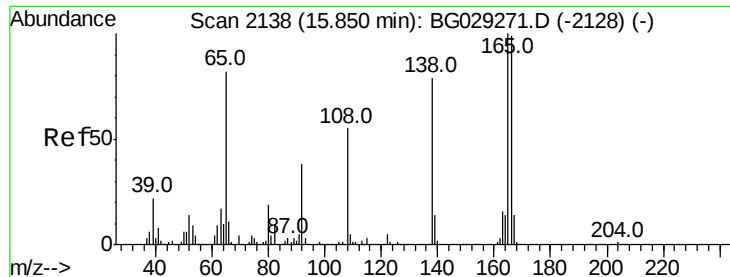
Tot Ion:149 Resp: 722752
Ion Ratio Lower Upper
149 100
177 23.8 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.012 ng
RT: 15.82 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:204 Resp: 360600
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 53.2 45.8 68.6

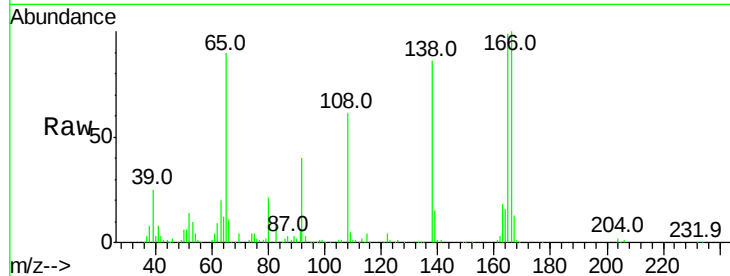




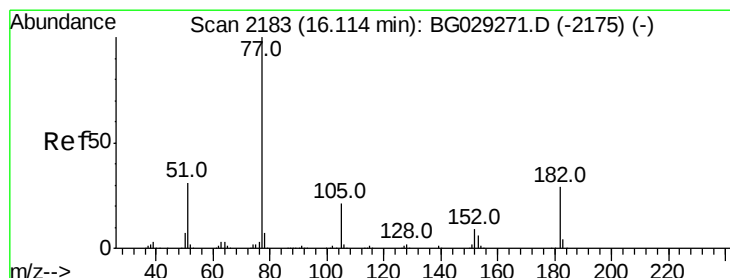
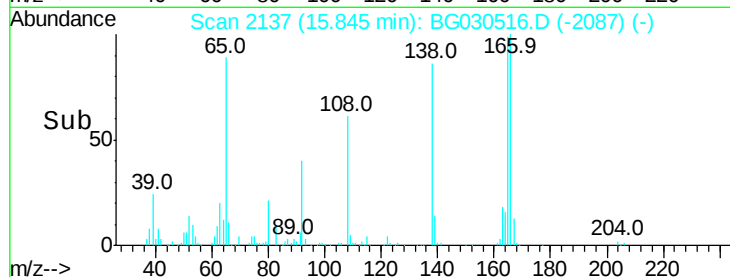
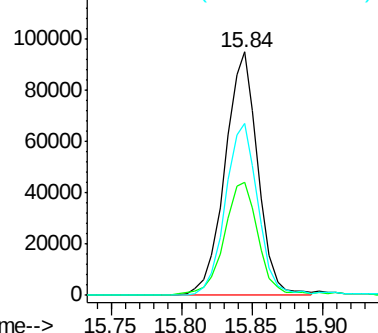
#61
4-Nitroaniline
Concen: 41.003 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:138 Resp: 155196
Ion Ratio Lower Upper
138 100
92 46.6 40.1 80.1
108 70.4 65.4 105.4

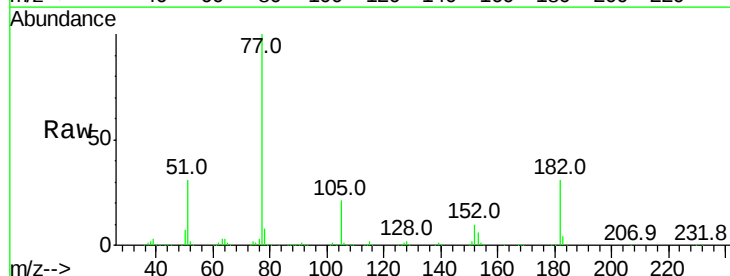


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

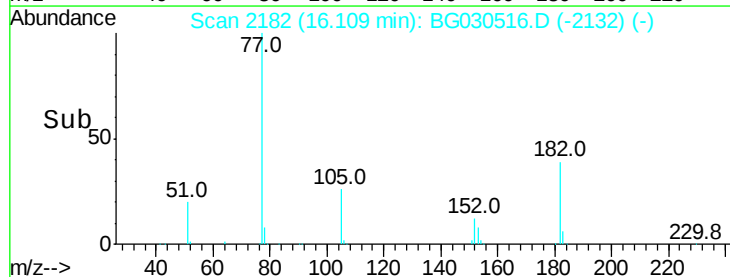
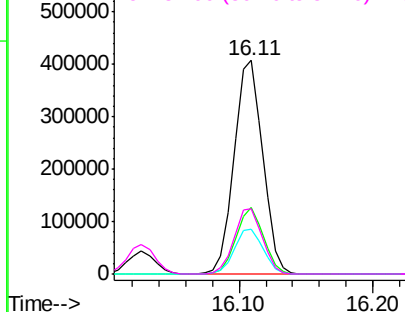


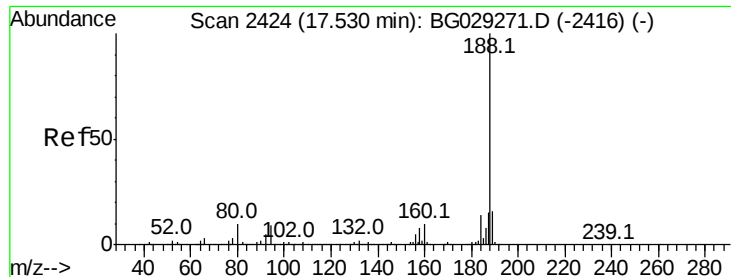
#62
Azobenzene
Concen: 44.152 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion: 77 Resp: 604642
Ion Ratio Lower Upper
77 100
182 30.9 7.4 47.4
105 20.7 0.3 40.3
51 30.8 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

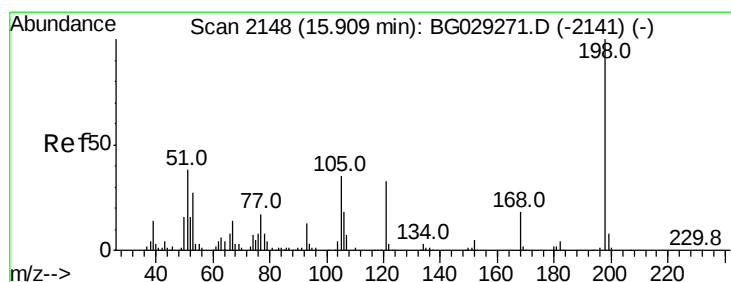
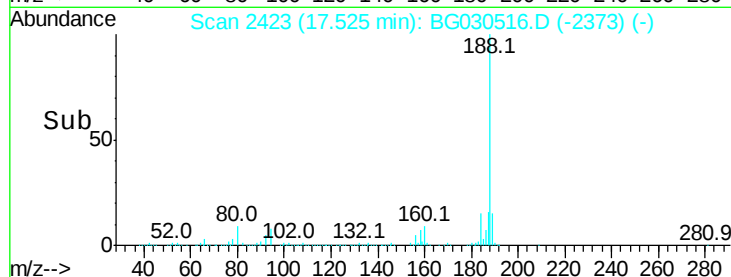
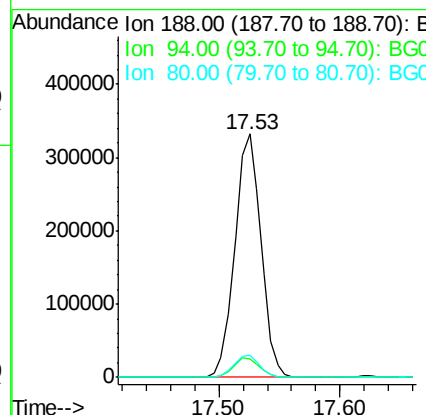
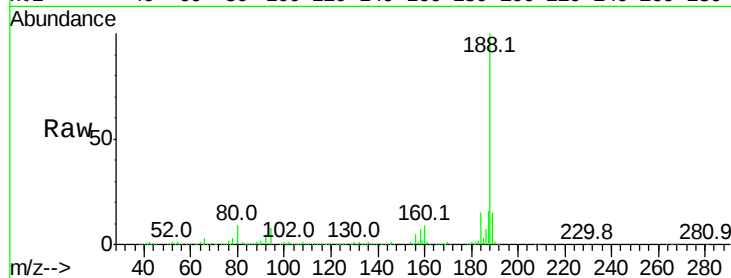




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2423
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

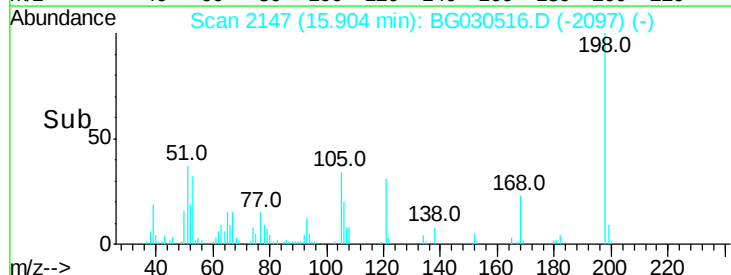
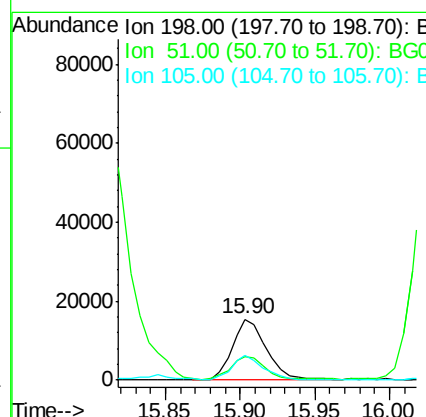
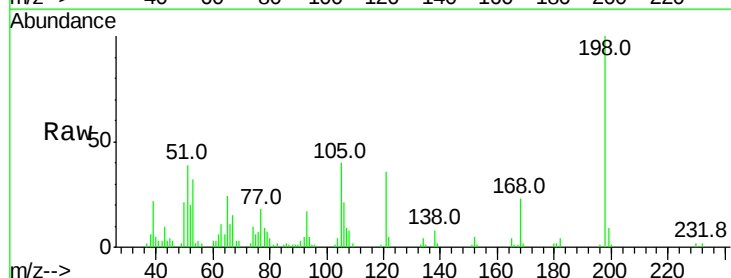
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

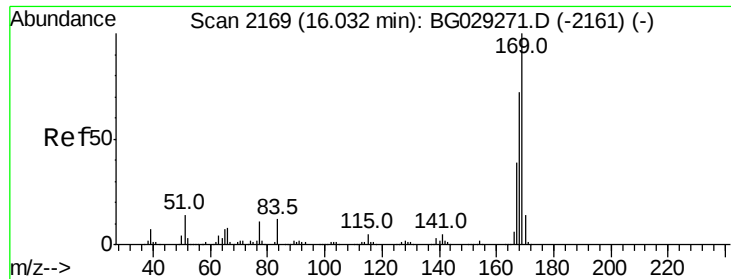
Tot Ion:188 Resp: 500794
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.9 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 12.840 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:198 Resp: 24924
Ion Ratio Lower Upper
198 100
51 39.0 30.6 70.6
105 39.7 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 38.622 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

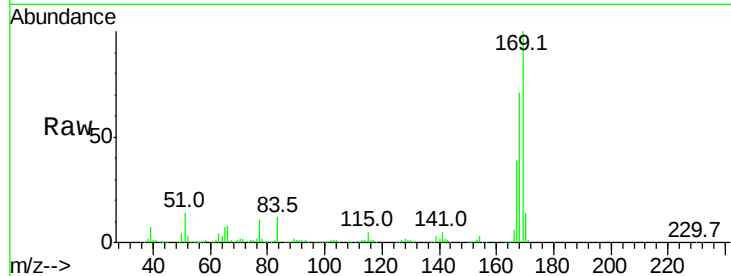
Tot Ion:169 Resp: 579403

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

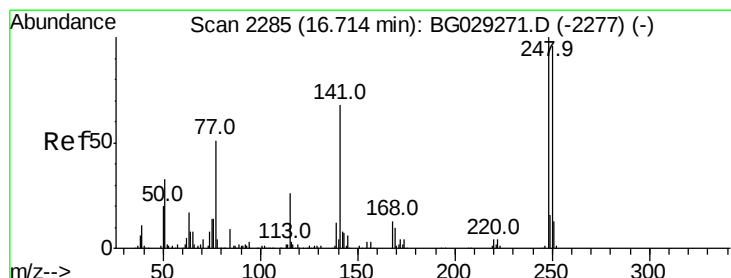
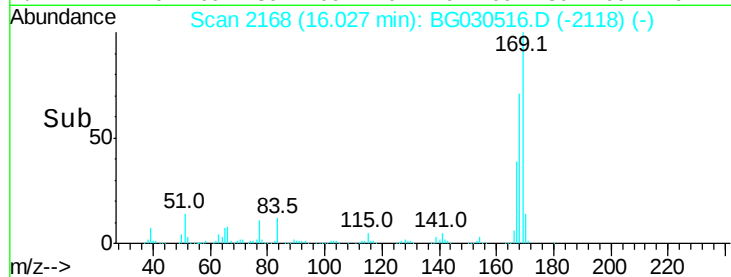
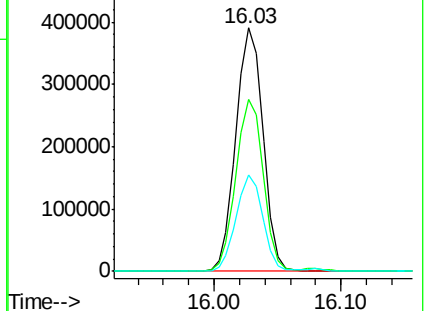
167 39.4 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.987 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

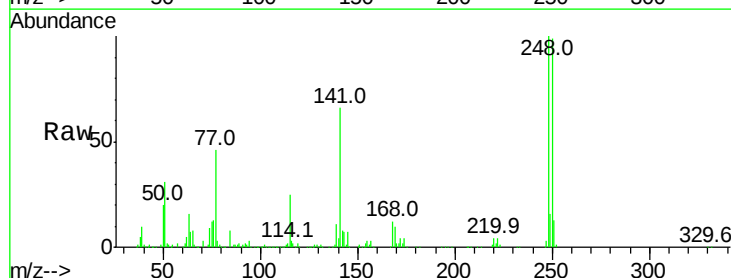
Tgt Ion:248 Resp: 235532

Ion Ratio Lower Upper

248 100

250 99.0 77.1 115.7

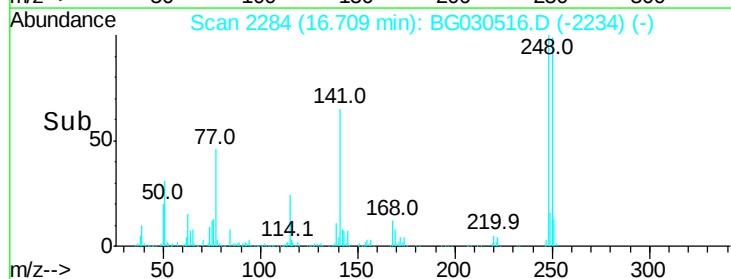
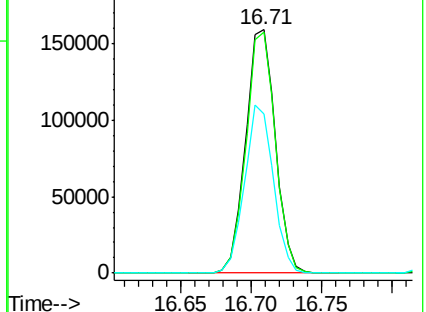
141 65.6 50.8 76.2

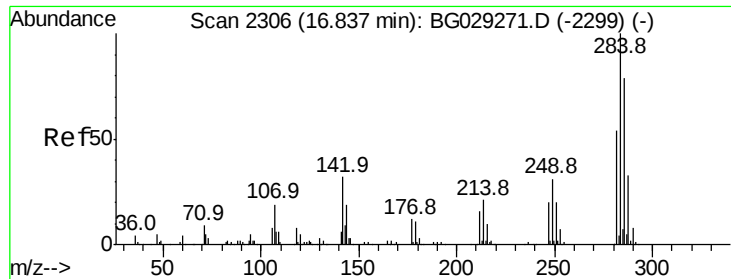


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

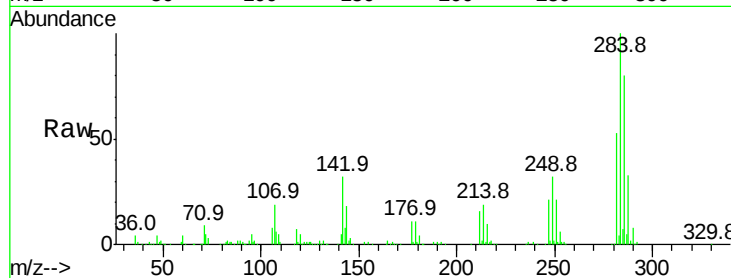




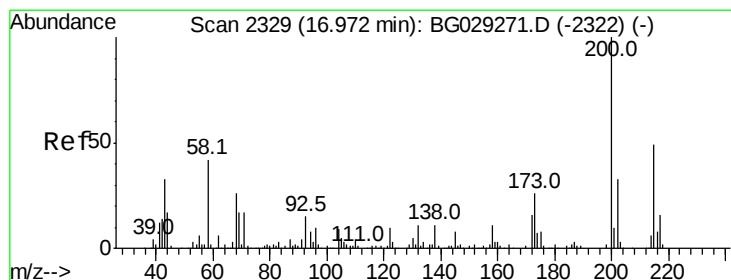
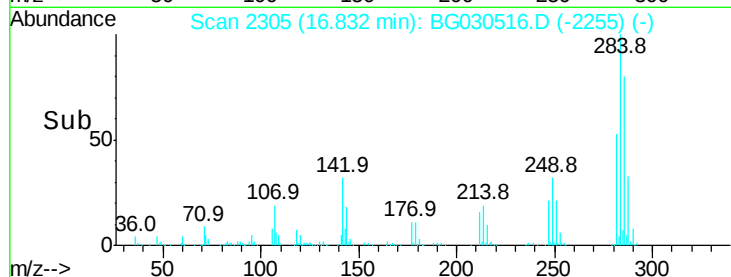
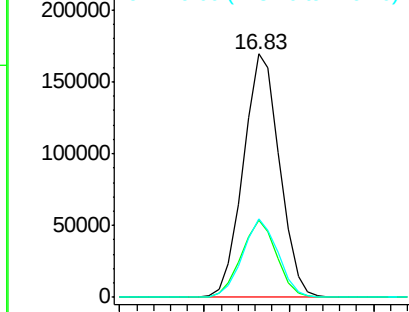
#67
Hexachlorobenzene
Concen: 38.832 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	31.9	26.8	40.2
249	32.4	26.3	39.5

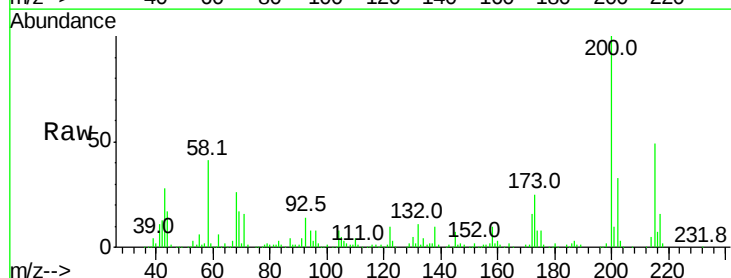


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

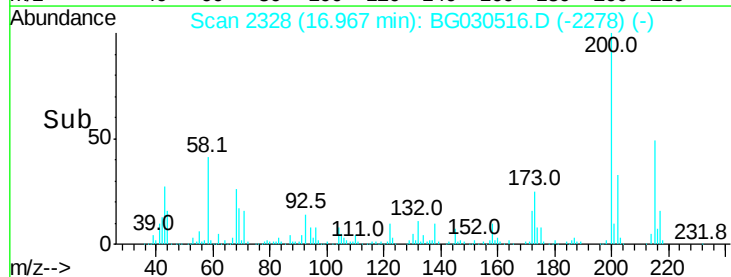
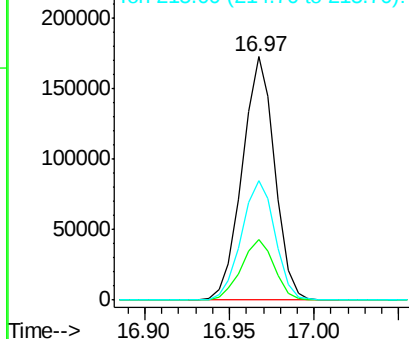


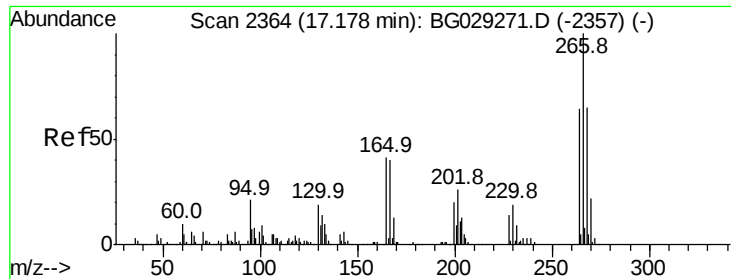
#68
Atrazine
Concen: 43.275 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	5.2	45.2
215	48.8	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

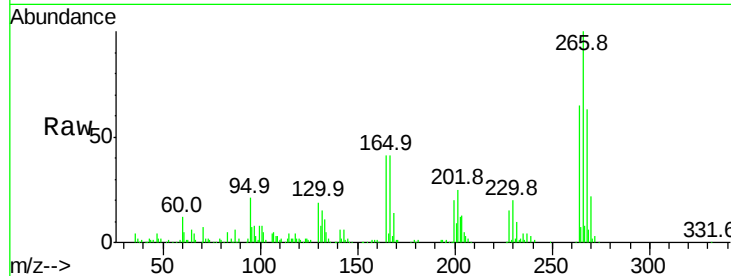




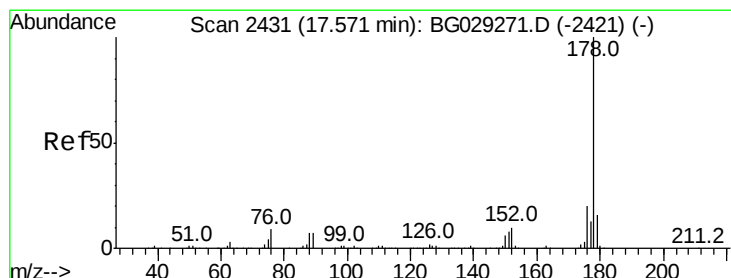
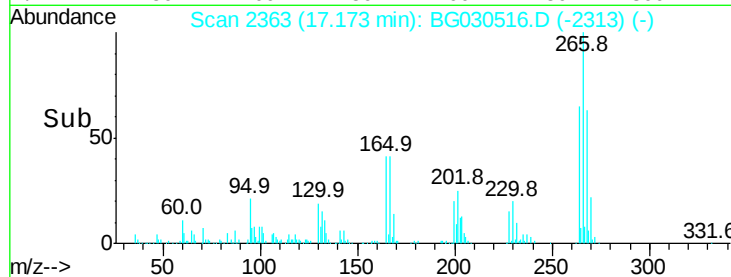
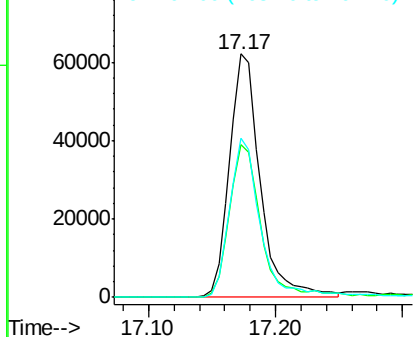
#69
 Pentachlorophenol
 Concen: 27.945 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:266 Resp: 104494
 Ion Ratio Lower Upper
 266 100
 268 62.8 51.1 76.7
 264 65.2 49.6 74.4

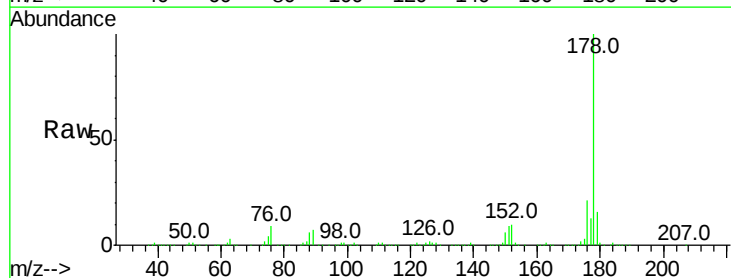


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

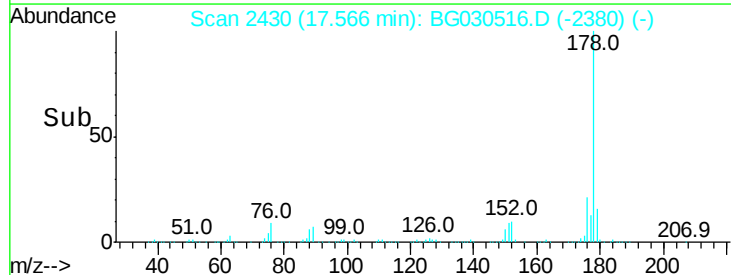
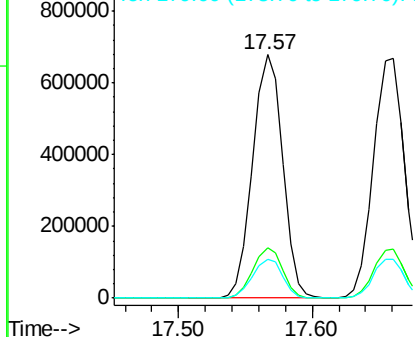


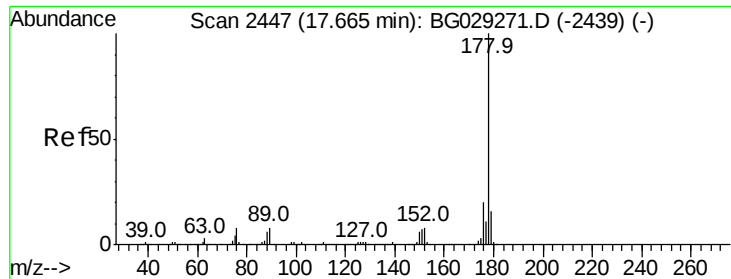
#70
 Phenanthrene
 Concen: 40.661 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:178 Resp: 1051946
 Ion Ratio Lower Upper
 178 100
 176 20.8 15.7 23.5
 179 15.9 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 41.207 ng

RT: 17.66 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

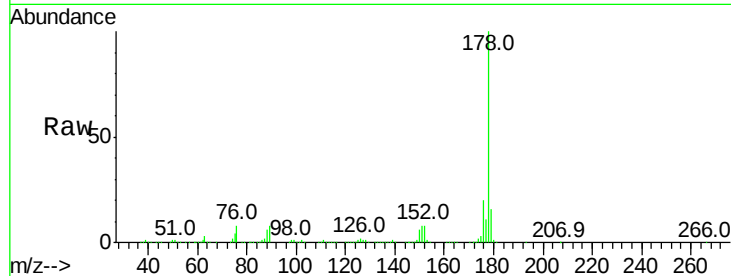
Tot Ion:178 Resp: 1070471

Ion Ratio Lower Upper

178 100

176 20.2 16.0 24.0

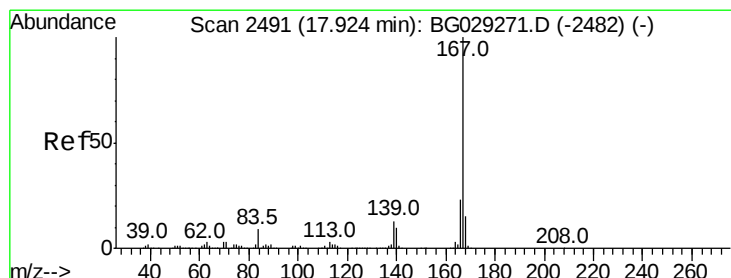
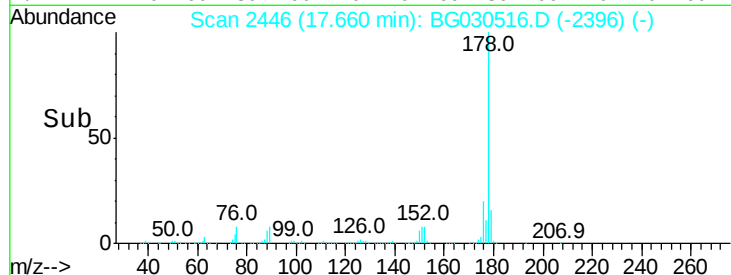
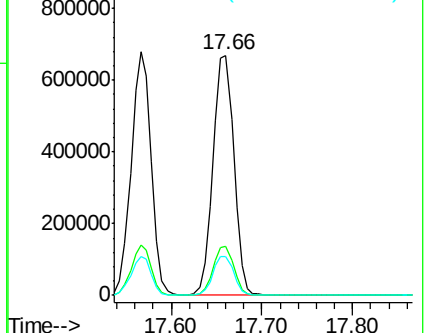
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 39.559 ng

RT: 17.92 min Scan# 2491

Delta R.T. 0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

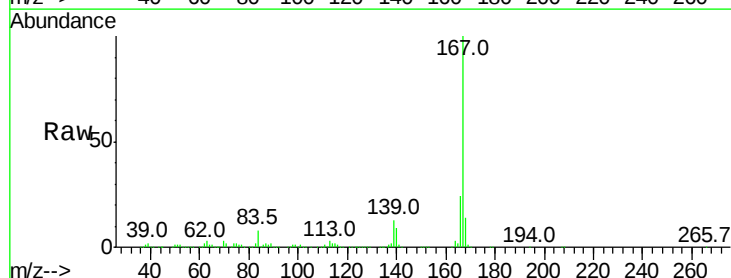
Tgt Ion:167 Resp: 987184

Ion Ratio Lower Upper

167 100

166 23.5 18.2 27.4

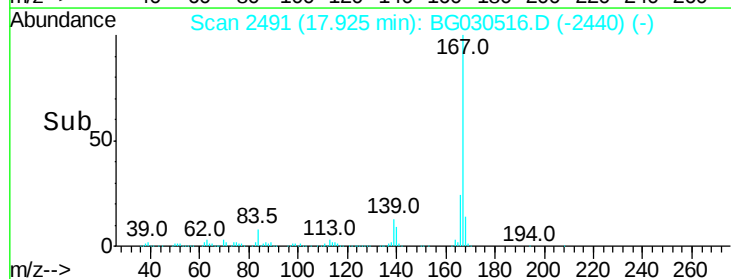
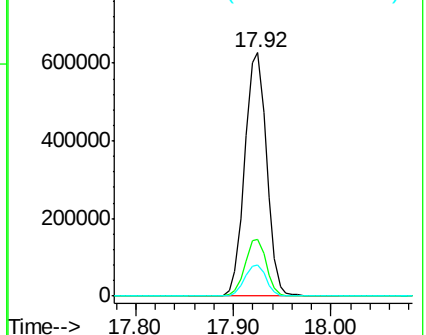
139 12.7 9.4 14.2

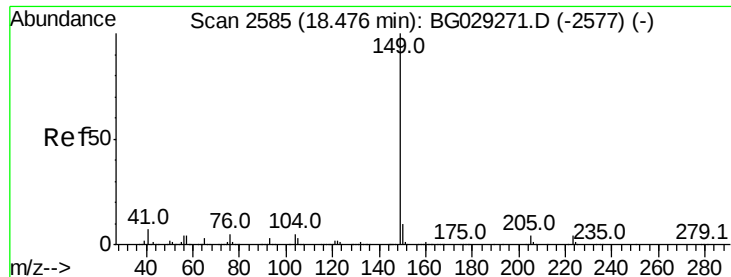


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

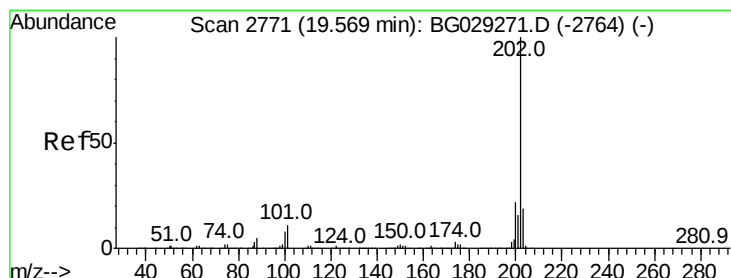
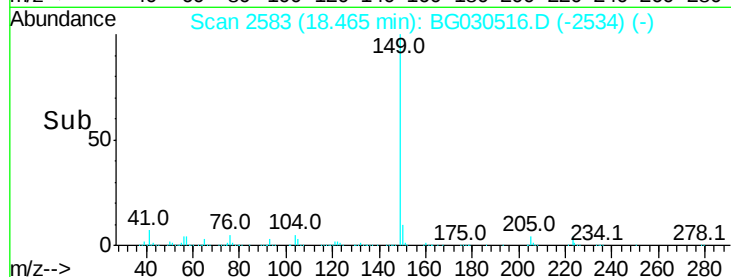
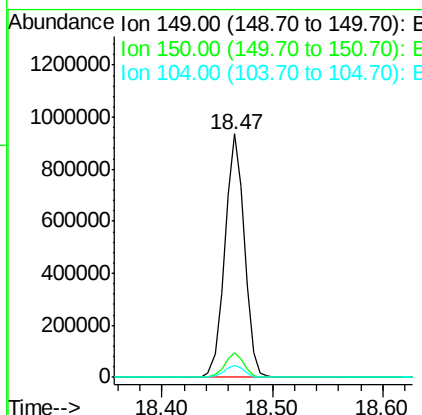
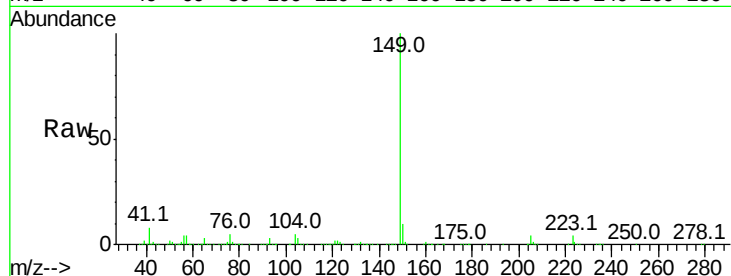




#73
Di-n-butylphthalate
Concen: 40.428 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

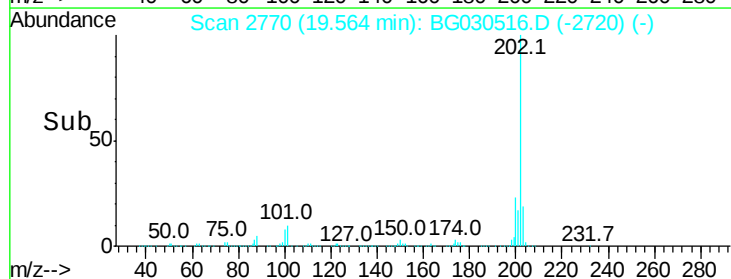
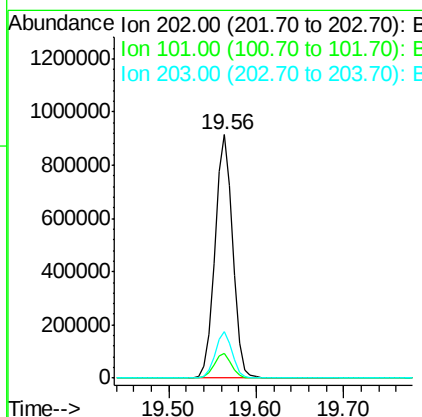
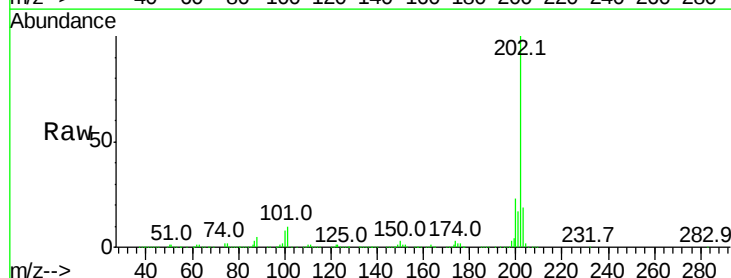
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:149 Resp: 1160320
Ion Ratio Lower Upper
149 100
150 10.2 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 42.411 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:202 Resp: 1283338
Ion Ratio Lower Upper
202 100
101 10.1 0.0 28.9
203 18.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

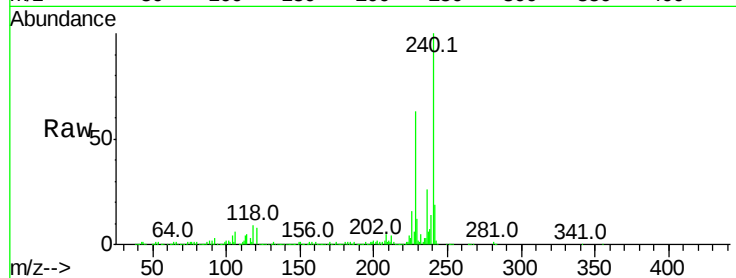
Tot Ion:240 Resp: 520445

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

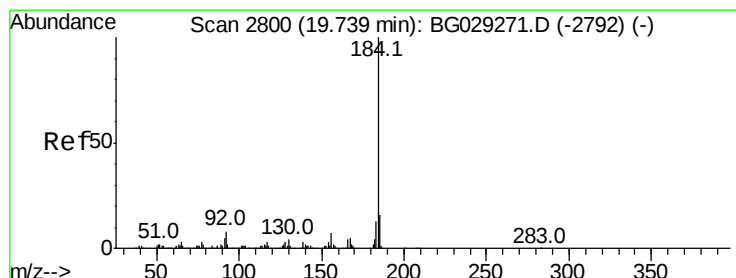
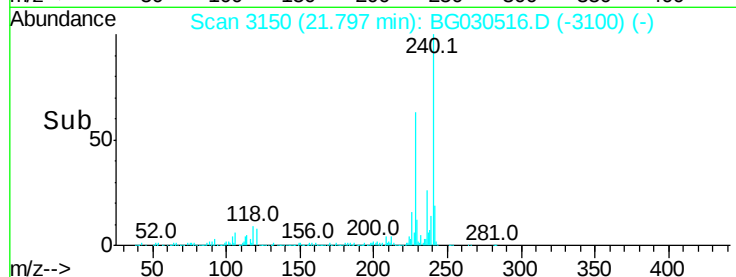
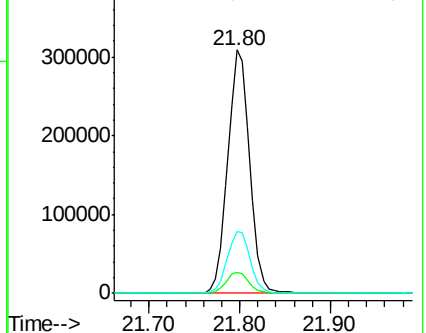
236 25.6 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 10.191 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

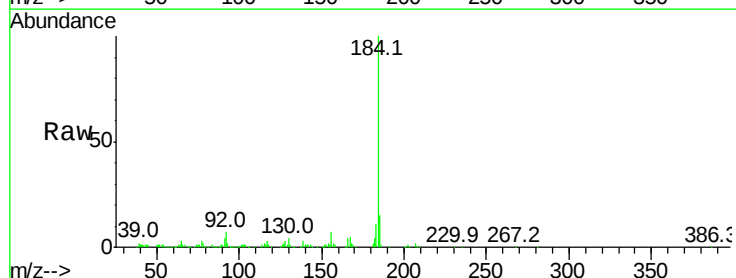
Tgt Ion:184 Resp: 160136

Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

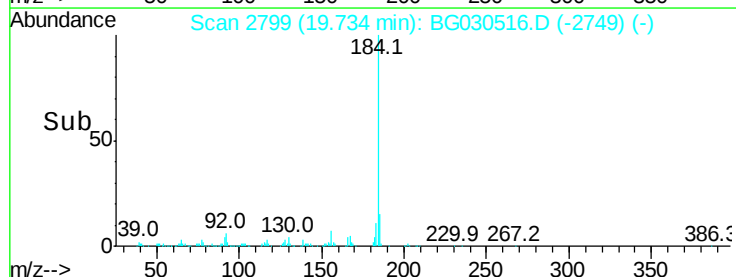
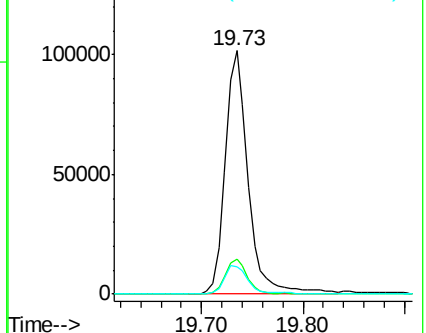
183 11.4 10.6 16.0

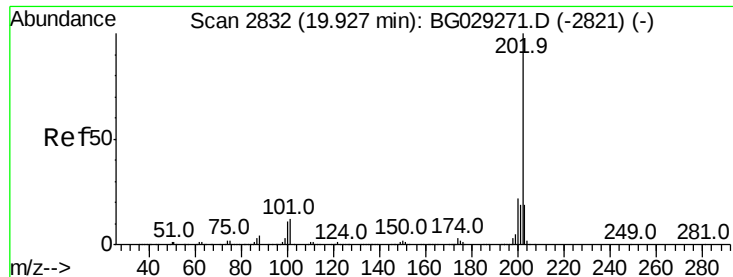


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 41.711 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

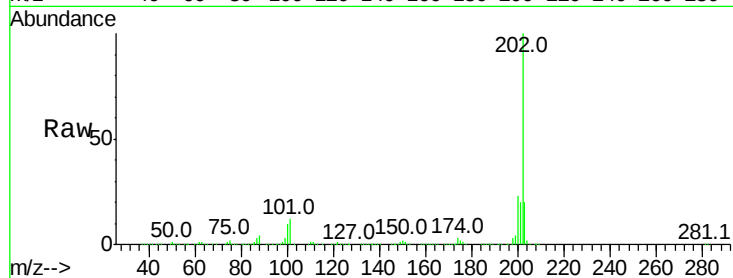
BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:202 Resp: 1316878

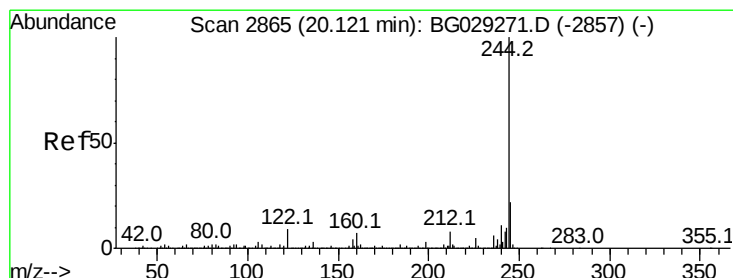
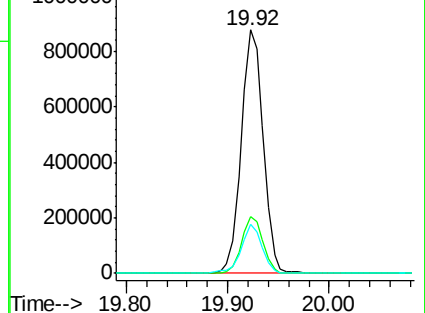
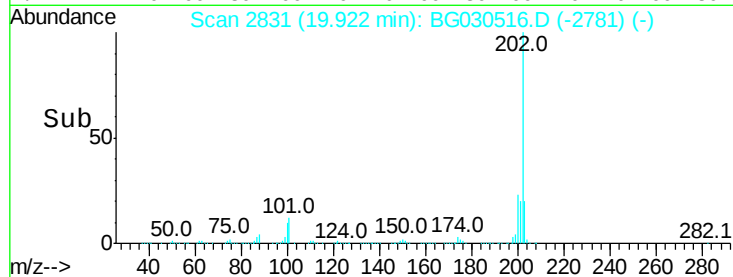
Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.9	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 73.164 ng

RT: 20.11 min Scan# 2863

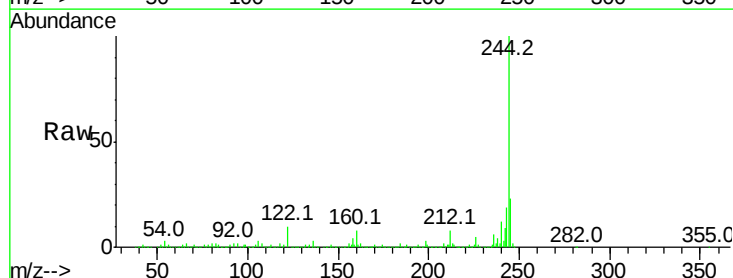
Delta R.T. -0.01 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Tgt Ion:244 Resp: 1673791

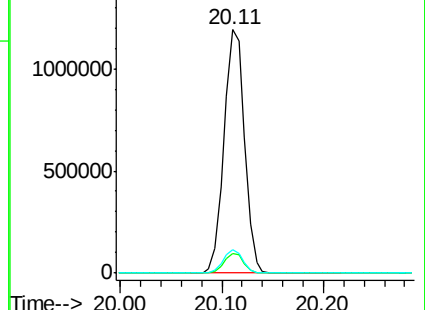
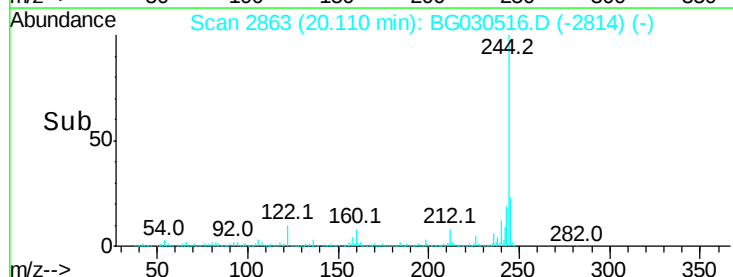
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	9.8	7.0	10.4

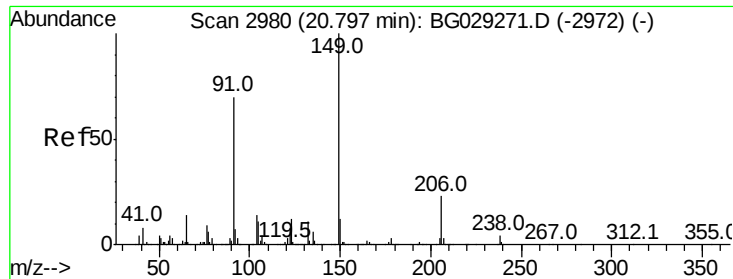


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

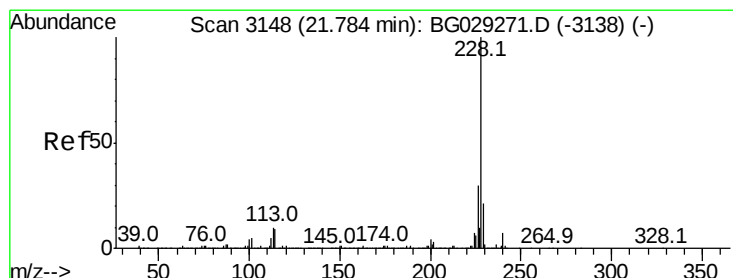
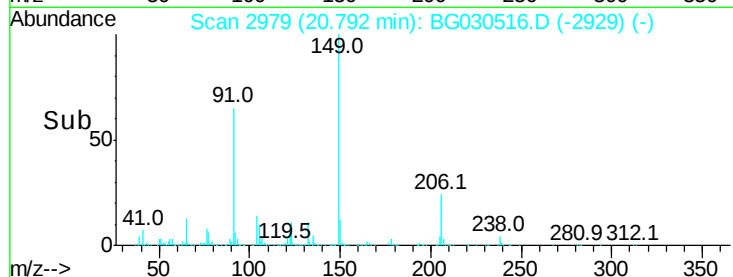
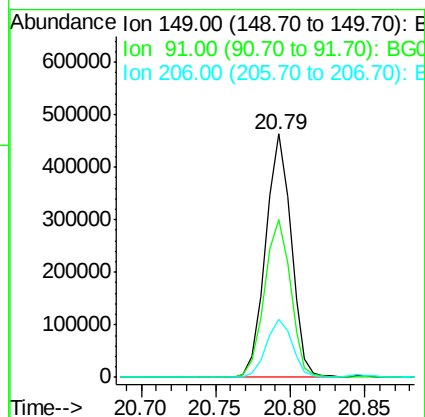
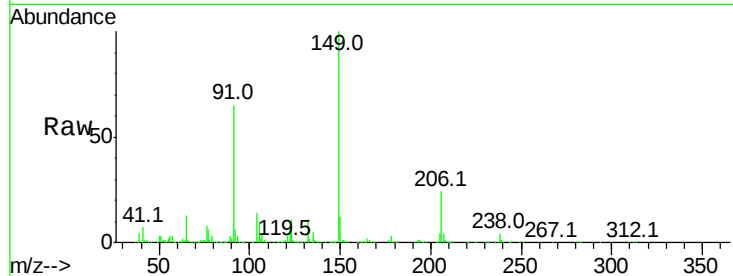




#79
Butylbenzylphthalate
Concen: 40.725 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

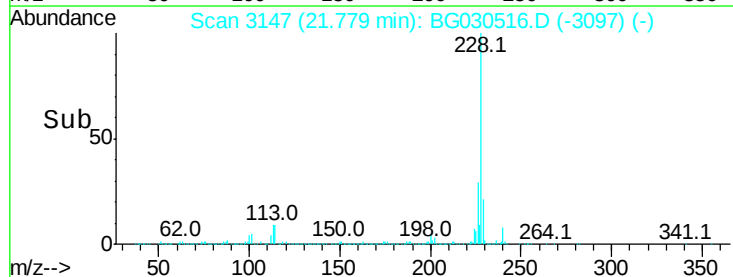
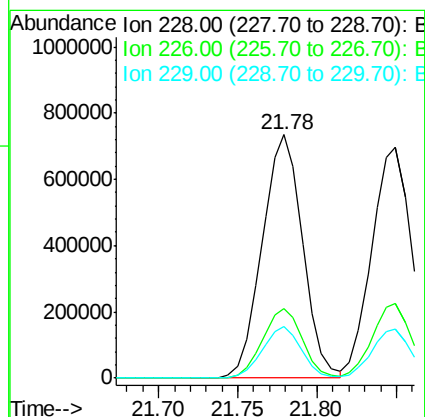
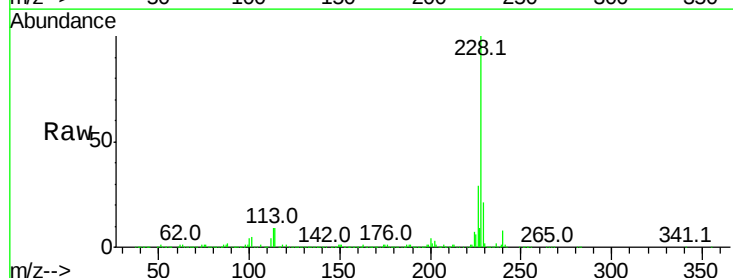
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.0	62.2	93.2
206	24.0	18.6	27.8



#80
Benzo(a)anthracene
Concen: 42.580 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.7	34.1
229	21.2	16.2	24.2

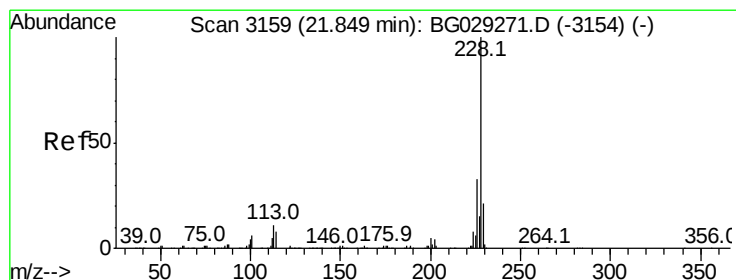
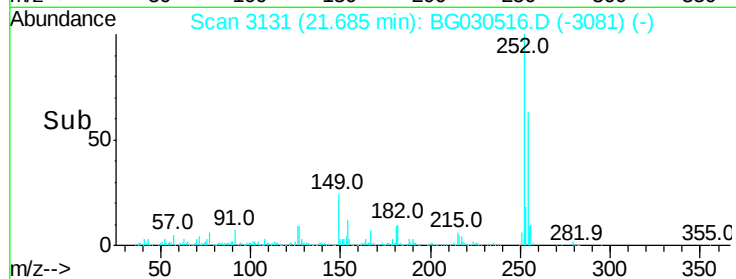
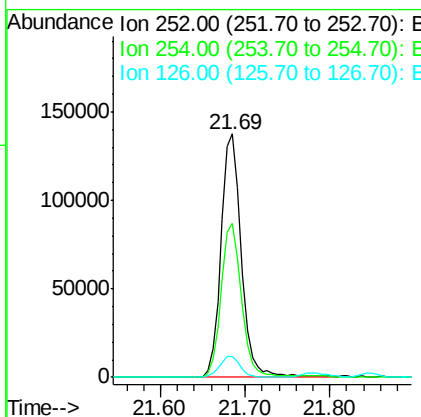
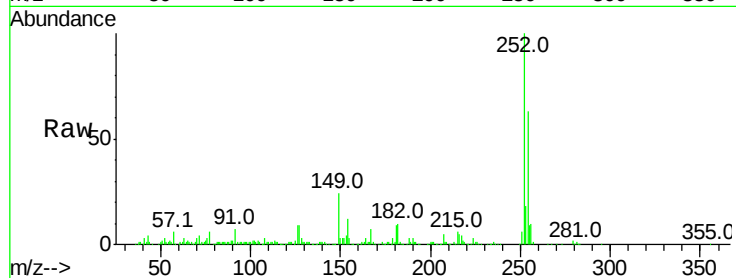




#81
 3,3'-Dichlorobenzidine
 Concen: 18.274 ng
 RT: 21.69 min Scan# 3131
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

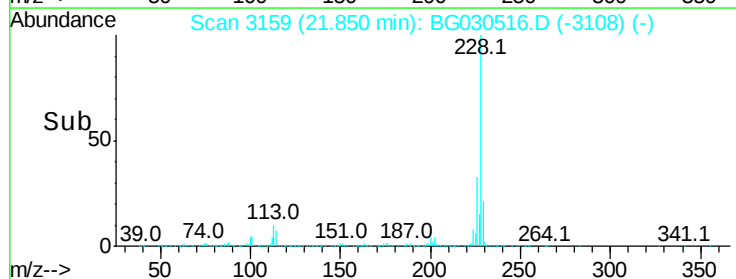
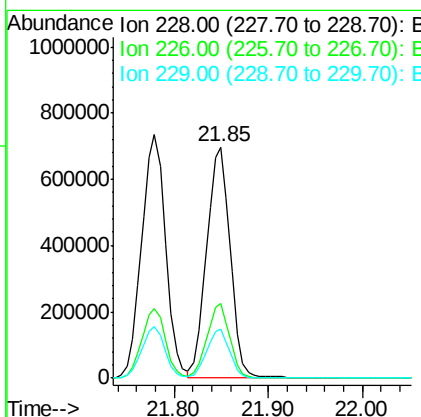
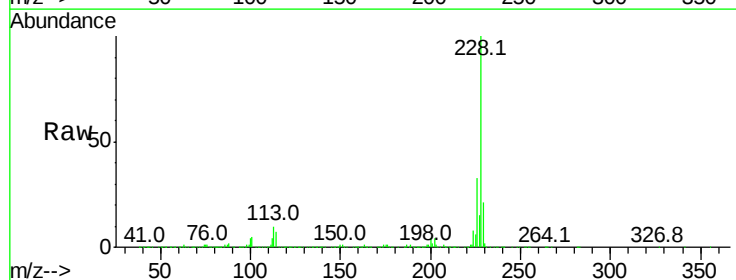
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion:252 Resp: 230478
 Ion Ratio Lower Upper
 252 100
 254 63.4 50.8 76.2
 126 8.8 7.4 11.2



#82
 Chrysene
 Concen: 41.832 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. 0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:228 Resp: 1224143
 Ion Ratio Lower Upper
 228 100
 226 32.5 24.9 37.3
 229 21.1 15.0 22.4

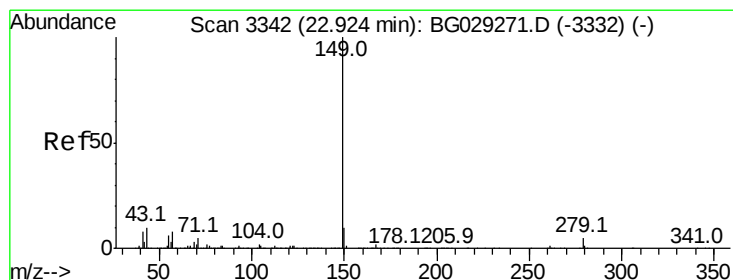
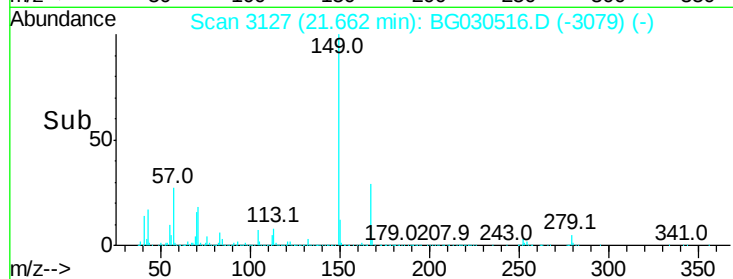
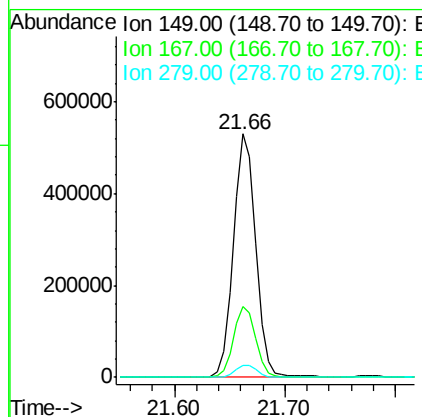
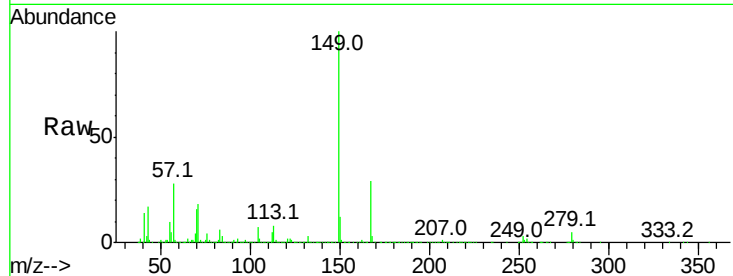




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.923 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

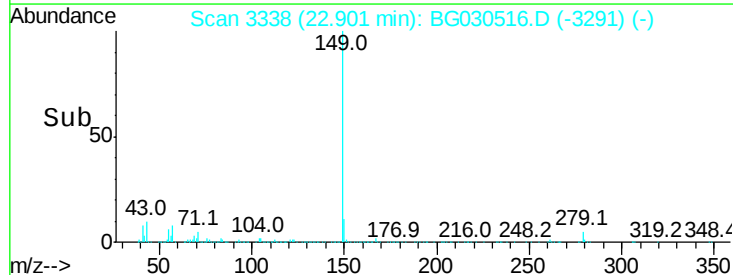
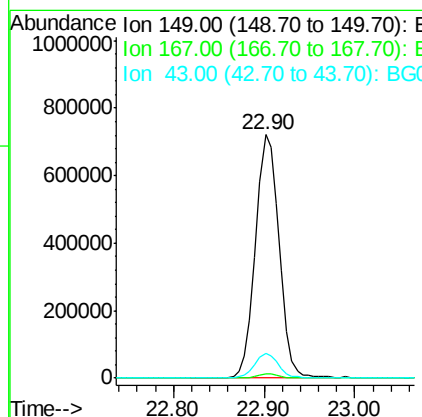
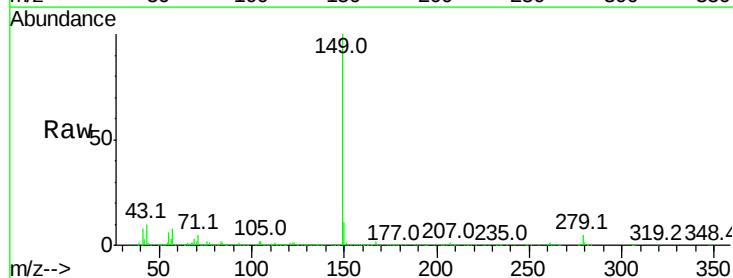
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

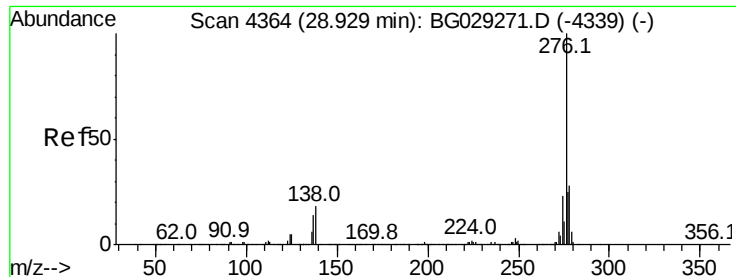
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.3	24.3	36.5
279	5.0	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 38.683 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.7	8.9	13.3

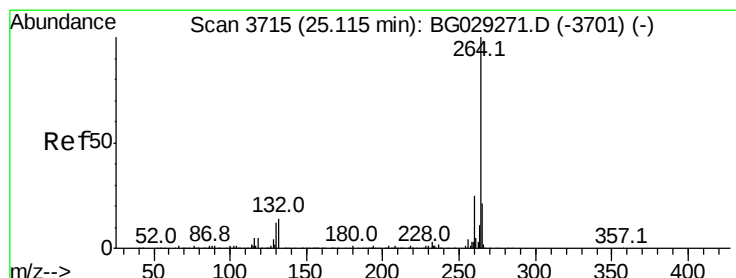
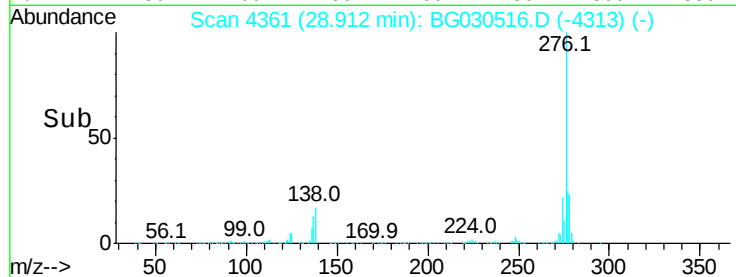
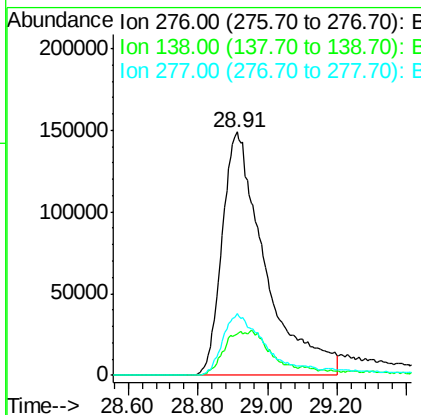
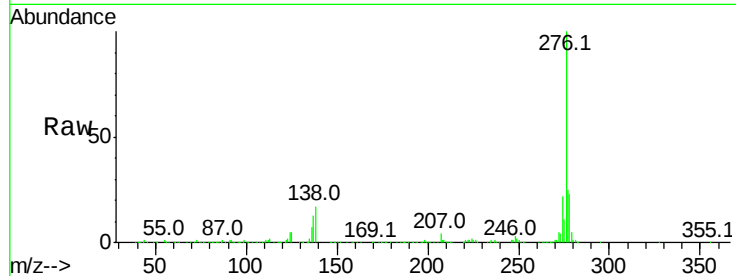




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 35.579 ng
 RT: 28.91 min Scan# 4361
 Delta R.T. -0.02 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

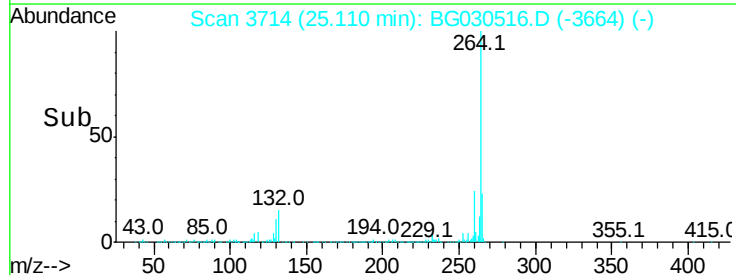
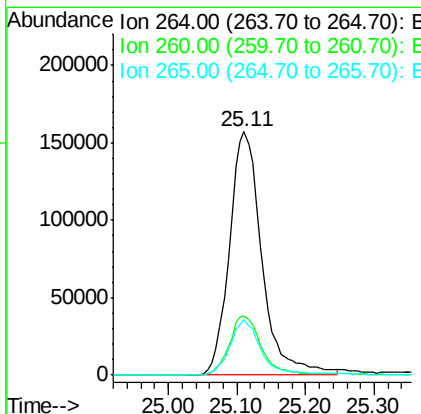
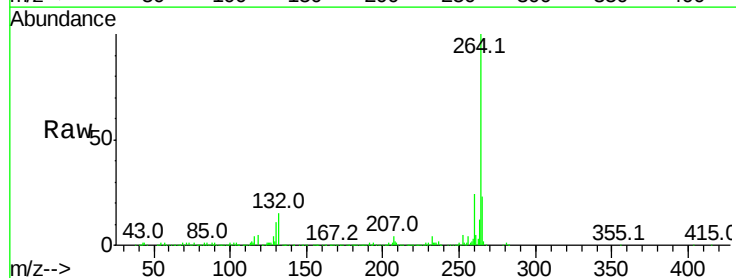
Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

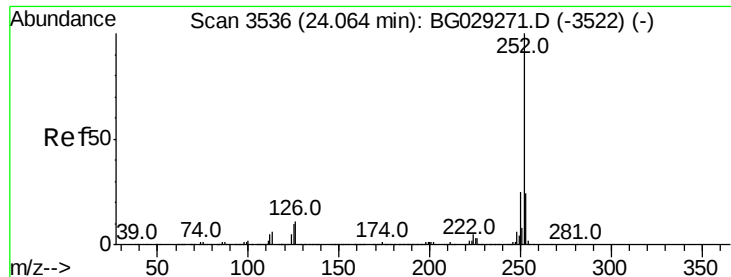
Tot Ion:276 Resp: 1280879
 Ion Ratio Lower Upper
 276 100
 138 9.6 16.0 24.0#
 277 23.7 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Tgt Ion:264 Resp: 515773
 Ion Ratio Lower Upper
 264 100
 260 24.5 17.4 26.0
 265 22.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.458 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

Instrument :

BNA_G

ClientSampleId :

CB-1017-S-TCLP-48S(3+4)MS

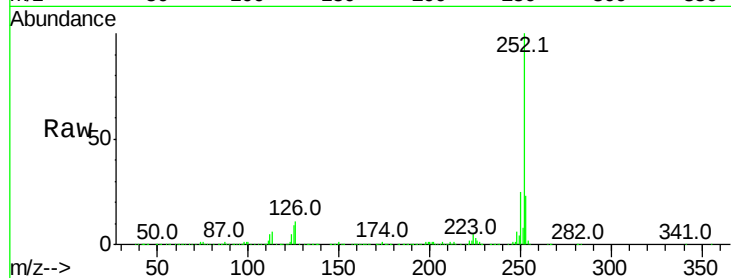
Tot Ion:252 Resp: 1253716

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

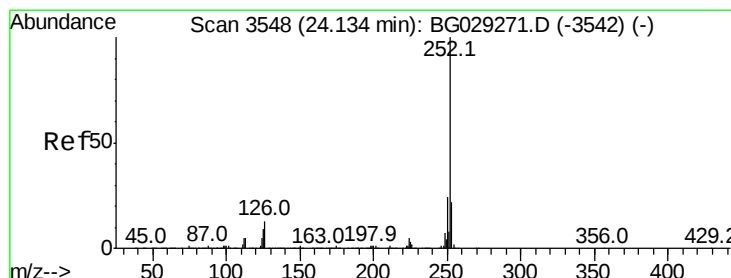
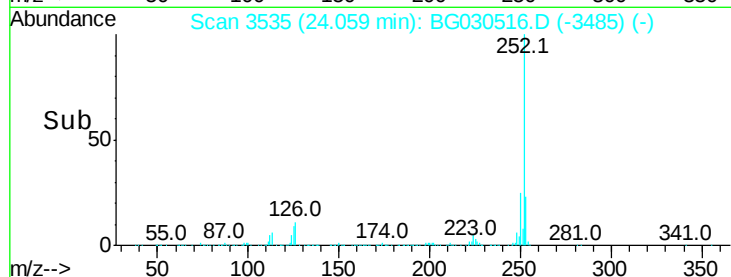
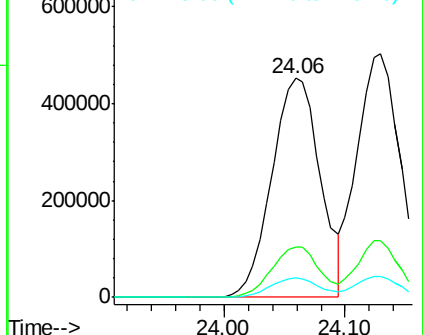
125 9.0 7.2 10.8



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: 45.097 ng

RT: 24.13 min Scan# 3547

Delta R.T. -0.00 min

Lab File: BG030516.D

Acq: 28 Oct 2017 3:20

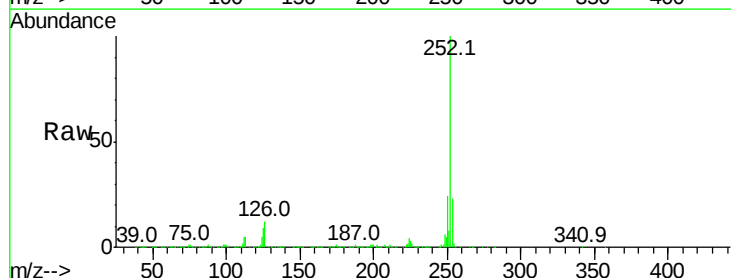
Tgt Ion:252 Resp: 1326644

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.2

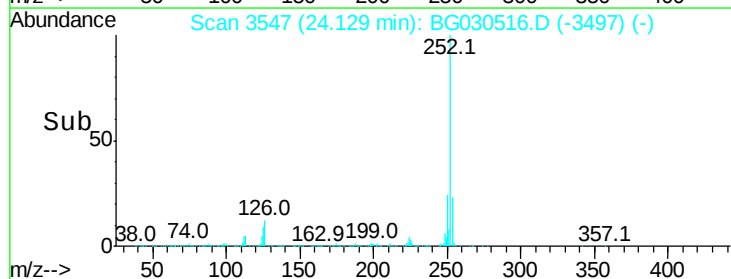
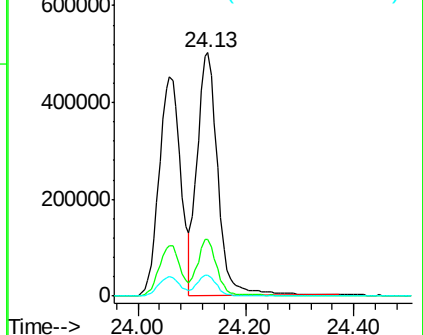
125 8.7 6.6 9.8

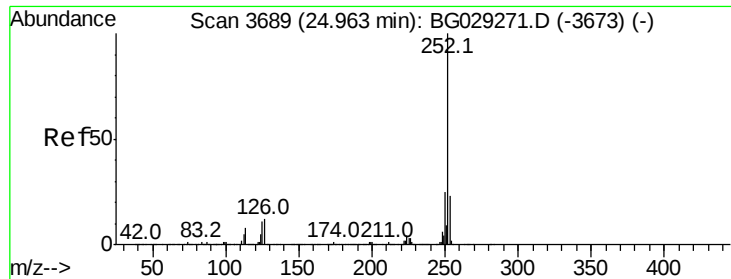


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

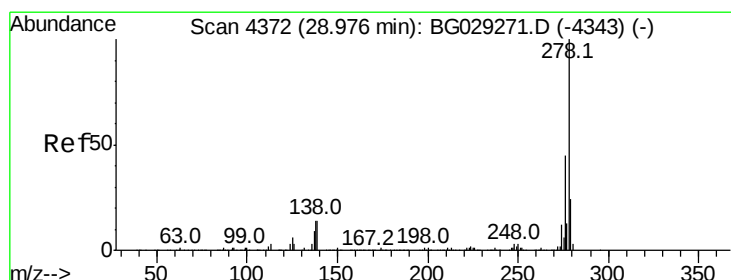
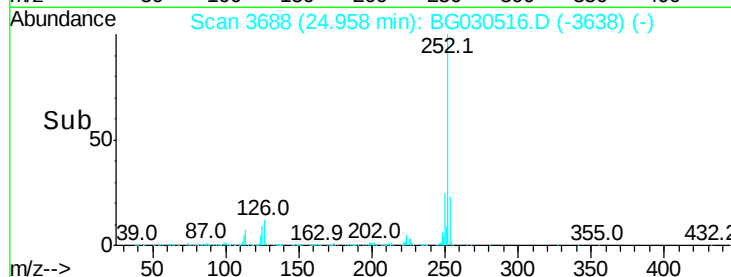
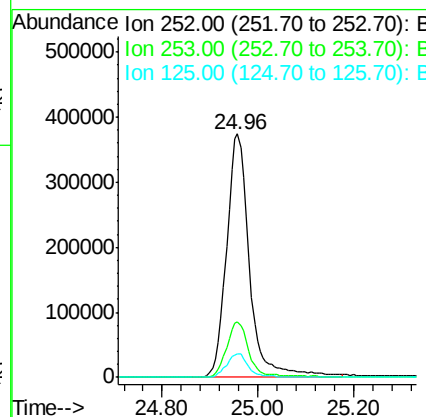
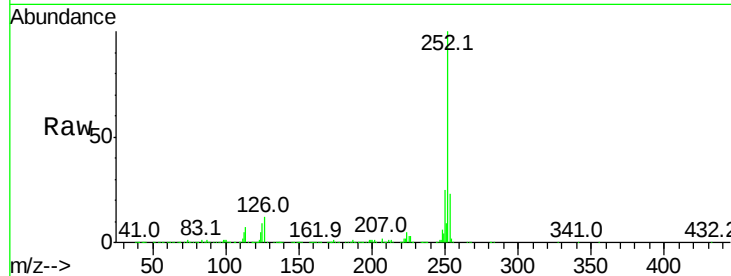




#89
Benzo(a)pyrene
Concen: 43.895 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

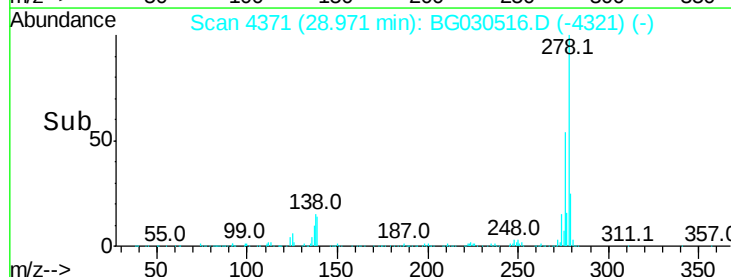
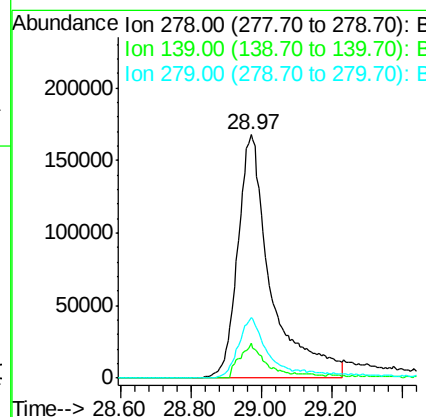
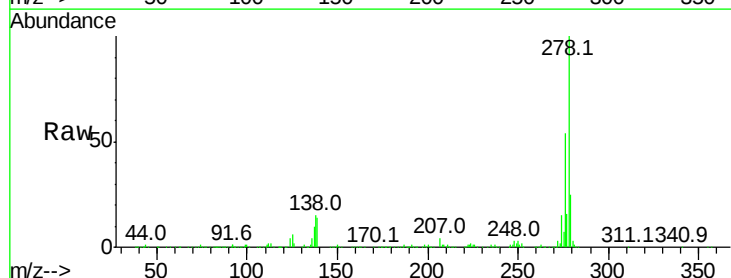
Instrument :
BNA_G
ClientSampleId :
CB-1017-S-TCLP-48S(3+4)MS

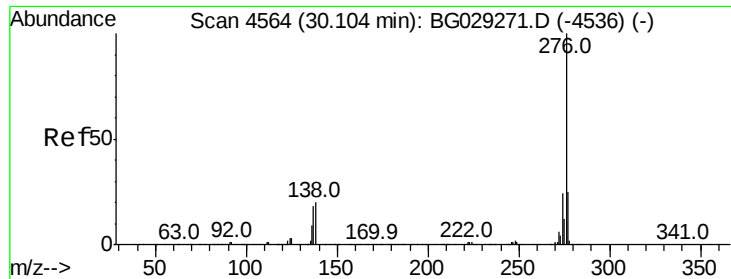
Tot Ion:252 Resp: 1246042
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 9.4 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 38.308 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.00 min
Lab File: BG030516.D
Acq: 28 Oct 2017 3:20

Tgt Ion:278 Resp: 1100935
Ion Ratio Lower Upper
278 100
139 14.1 9.8 14.6
279 24.8 18.4 27.6

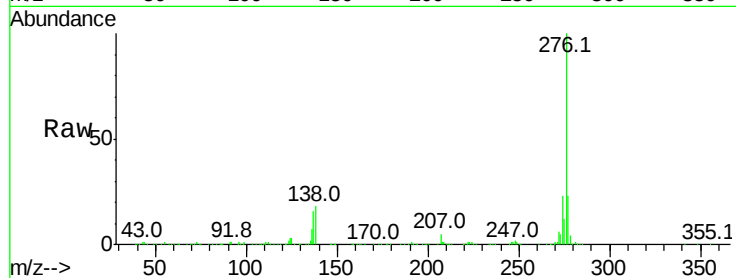




#91
 Benzo(a,h,i)perylene
 Concen: 30.929 ng
 RT: 30.10 min Scan# 4563
 Delta R.T. -0.00 min
 Lab File: BG030516.D
 Acq: 28 Oct 2017 3:20

Instrument :
 BNA_G
 ClientSampleId :
 CB-1017-S-TCLP-48S(3+4)MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.3	27.5
138	18.1	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

