

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030529.D
 Acq On : 28 Oct 2017 16:02
 Operator : SJ/JU
 Sample : PB103644BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

Quant Time: Oct 30 06:44:35 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	65815	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	284432	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	194702	20.00	ng	0.00
63) Phenanthrene-d10	17.53	188	473891	20.00	ng	0.00
75) Chrysene-d12	21.80	240	499881	20.00	ng	0.00
86) Perylene-d12	25.10	264	503758	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	414074	105.10	ng	0.00
7) Phenol-d6	7.32	99	552333	99.88	ng	0.00
23) Nitrobenzene-d5	9.33	82	309797	69.21	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	281448	111.96	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	878502	66.18	ng	-0.01
78) Terphenyl-d14	20.11	244	1404029	63.90	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	49075	30.701	ng	# 85
3) Pyridine	3.98	79	131559	28.262	ng	90
4) n-Nitrosodimethylamine	3.89	42	63531	29.197	ng	# 94
6) Aniline	7.48	93	115404	16.853	ng	92
8) 2-Chlorophenol	7.73	128	143641	31.808	ng	91
9) Benzaldehyde	7.30	77	84586	30.410	ng	88
10) Phenol	7.35	94	193839	32.513	ng	91
11) bis(2-Chloroethyl)ether	7.58	93	131209	30.207	ng	93
12) 1,3-Dichlorobenzene	8.05	146	150832	29.750	ng	97
13) 1,4-Dichlorobenzene	8.20	146	150992	29.170	ng	95
14) 1,2-Dichlorobenzene	8.52	146	144584	28.959	ng	97
15) Benzyl Alcohol	8.40	79	130184	33.406	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.69	45	215049	29.152	ng	94
17) 2-Methylphenol	8.61	107	131022	33.083	ng	96
18) Hexachloroethane	9.26	117	52814	29.940	ng	97
19) n-Nitroso-di-n-propylamine	8.96	70	110706	29.442	ng	# 97
20) 3+4-Methylphenols	8.93	107	183979	32.969	ng	95
22) Acetophenone	8.99	105	209934	30.626	ng	# 94
24) Nitrobenzene	9.38	77	157248	31.246	ng	# 88
25) Isophorone	9.89	82	314531	33.661	ng	# 94
26) 2-Nitrophenol	10.09	139	82393	34.255	ng	92
27) 2,4-Dimethylphenol	10.14	122	152456	35.033	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	193958	33.852	ng	98
29) 2,4-Dichlorophenol	10.63	162	162503	35.017	ng	89
30) 1,2,4-Trichlorobenzene	10.84	180	161444	32.202	ng	97
31) Naphthalene	11.03	128	437708	30.878	ng	99
32) Benzoic acid	10.25	122	73359	20.133	ng	90
33) 4-Chloroaniline	11.13	127	104071	17.453	ng	97
34) Hexachlorobutadiene	11.31	225	97579	31.304	ng	98
35) Caprolactam	11.90	113	60725	39.373	ng	# 81
36) 4-Chloro-3-methylphenol	12.25	107	174396	34.168	ng	88
37) 2-Methylnaphthalene	12.62	142	348814	33.762	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	191858	26.990	ng	98
40) Hexachlorocyclopentadiene	12.97	237	223418	82.793	ng	92

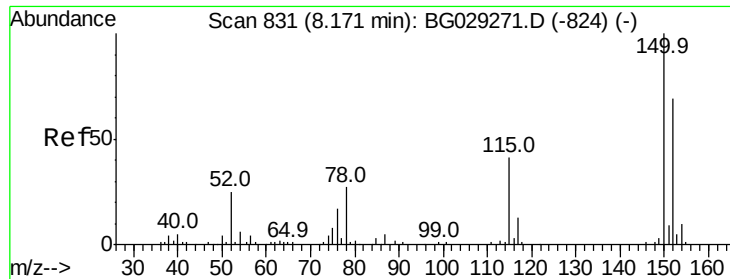
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030529.D
 Acq On : 28 Oct 2017 16:02
 Operator : SJ/JU
 Sample : PB103644BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

Quant Time: Oct 30 06:44:35 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)
42) 2,4,6-Trichlorophenol	13.22	196	145105	32.517	nq	98
43) 2,4,5-Trichlorophenol	13.29	196	159630	34.832	nq	95
45) 1,1'-Biphenyl	13.62	154	477649	28.541	nq	97
46) 2-Chloronaphthalene	13.66	162	367150	30.077	nq	97
47) 2-Nitroaniline	13.86	65	114434	34.130	nq	# 81
48) Acenaphthylene	14.51	152	595833	31.188	nq	99
49) Dimethylphthalate	14.23	163	517522	34.067	nq	99
50) 2,6-Dinitrotoluene	14.35	165	114399	35.923	nq	# 79
51) Acenaphthene	14.85	154	360566	29.008	nq	100
52) 3-Nitroaniline	14.68	138	63216	18.396	nq	# 83
53) 2,4-Dinitrophenol	14.89	184	79152	48.026	nq	# 51
54) Dibenzofuran	15.18	168	600415	33.836	nq	98
55) 4-Nitrophenol	14.99	139	178379	62.964	nq	# 79
56) 2,4-Dinitrotoluene	15.14	165	160592	37.252	nq	# 75
57) Fluorene	15.83	166	471463	32.162	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.40	232	153449	40.133	nq	94
59) Diethylphthalate	15.58	149	519045	34.284	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	272042	34.807	nq	95
61) 4-Nitroaniline	15.84	138	120048	34.022	nq	86
62) Azobenzene	16.10	77	444765	34.838	nq	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	78526	31.104	nq	83
65) n-Nitrosodiphenylamine	16.03	169	443862	31.267	nq	98
66) 4-Bromophenyl-phenylether	16.70	248	174138	32.024	nq	98
67) Hexachlorobenzene	16.83	284	190176	30.875	nq	96
68) Atrazine	16.97	200	169173	33.399	nq	98
69) Pentachlorophenol	17.17	266	203586	57.537	nq	97
70) Phenanthrene	17.57	178	787132	32.152	nq	98
71) Anthracene	17.65	178	802017	32.626	nq	98
72) Carbazole	17.92	167	734469	31.103	nq	99
73) Di-n-butylphthalate	18.47	149	857456	31.571	nq	100
74) Fluoranthene	19.56	202	952302	33.258	nq	97
76) Benzidine	19.73	184	302118	20.017	nq	99
77) Pyrene	19.92	202	982690	32.407	nq	97
79) Butylbenzylphthalate	20.79	149	404850	31.337	nq	87
80) Benzo(a)anthracene	21.77	228	973390	33.166	nq	99
81) 3,3'-Dichlorobenzidine	21.68	252	205496	16.964	nq	100
82) Chrysene	21.84	228	908237	32.314	nq	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	566086	30.532	nq	99
84) Di-n-octyl phthalate	22.90	149	972461	30.094	nq	96
85) Indeno(1,2,3-cd)pyrene	28.89	276	1126612	32.581	nq	98
87) Benzo(b)fluoranthene	24.05	252	982101	34.053	nq	99
88) Benzo(k)fluoranthene	24.12	252	939637	32.703	nq	98
89) Benzo(a)pyrene	24.95	252	932718	33.641	nq	98
90) Dibenzo(a,h)anthracene	28.96	278	943063	33.597	nq	99
91) Benzo(g,h,i)perylene	30.10	276	935168	35.857	nq	100

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

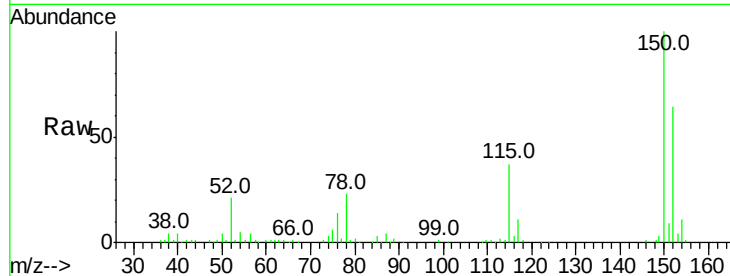


#1

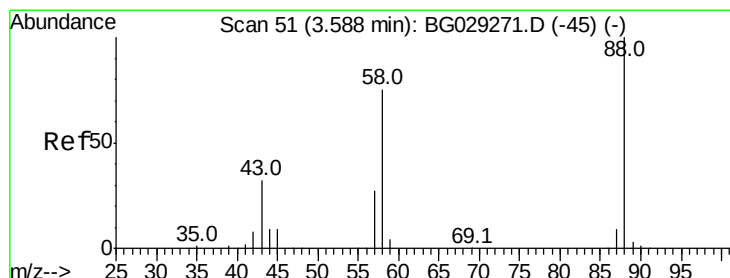
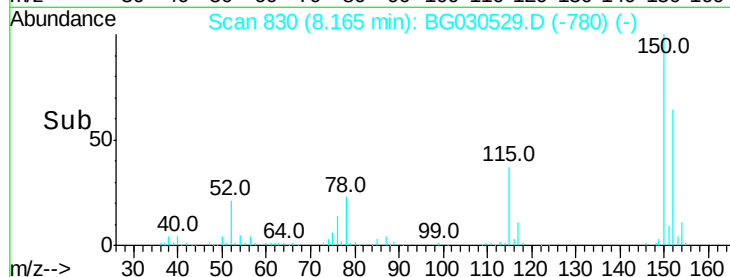
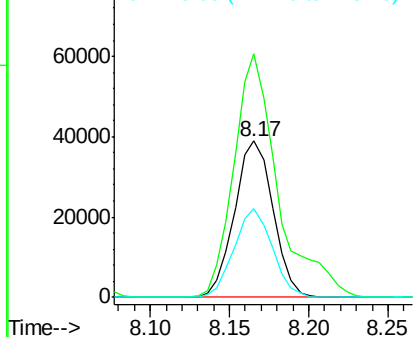
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB103644BS

Tot Ion:152 Resp: 65815
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 57.1 53.0 79.4



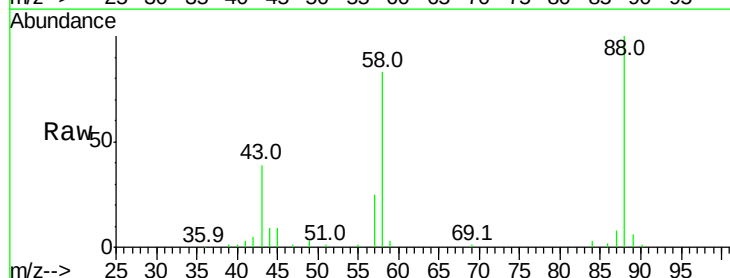
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



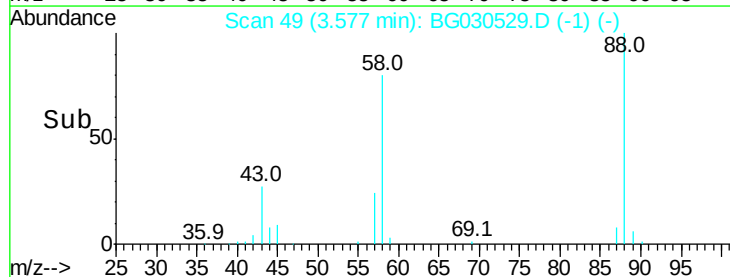
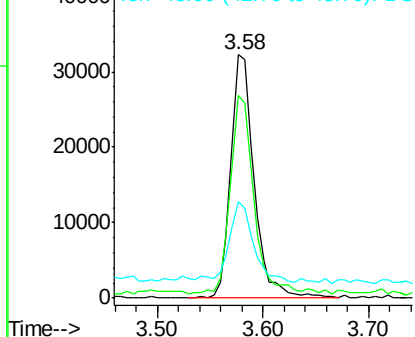
#2

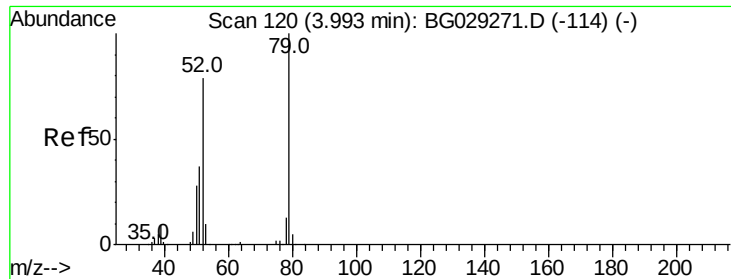
1,4-Dioxane
Concen: 30.701 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion: 88 Resp: 49075
Ion Ratio Lower Upper
88 100
58 79.2 79.6 119.4#
43 33.7 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: 28.262 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

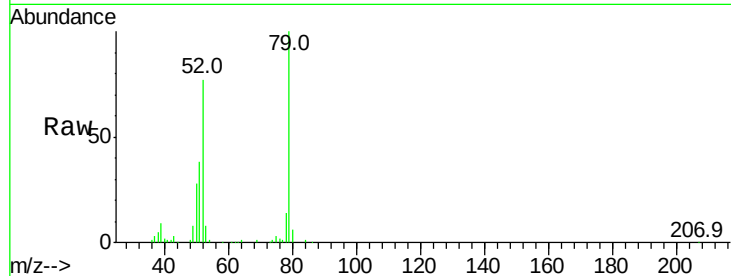
Tot Ion: 79 Resp: 131559

Ion Ratio Lower Upper

79 100

52 77.3 69.9 104.9

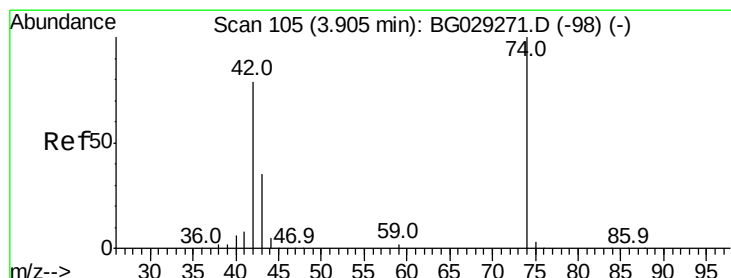
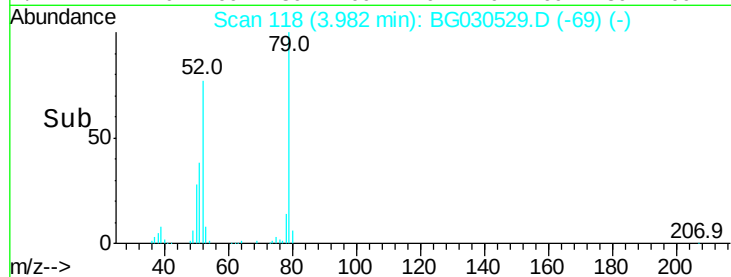
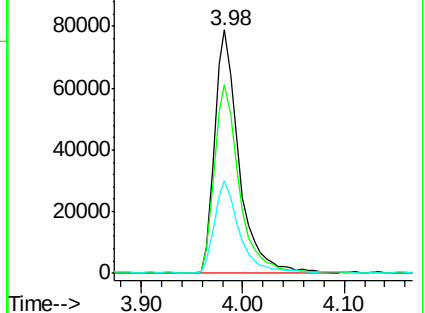
51 38.2 34.0 51.0



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: 29.197 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

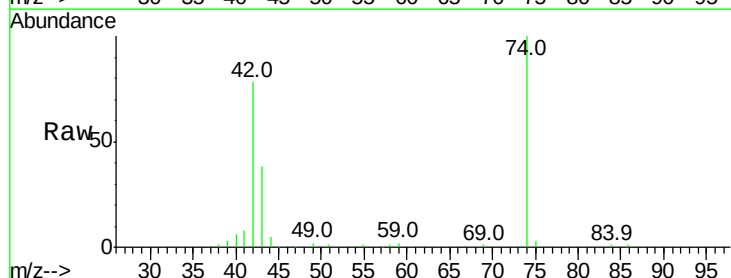
Tgt Ion: 42 Resp: 63531

Ion Ratio Lower Upper

42 100

74 127.9 102.5 153.7

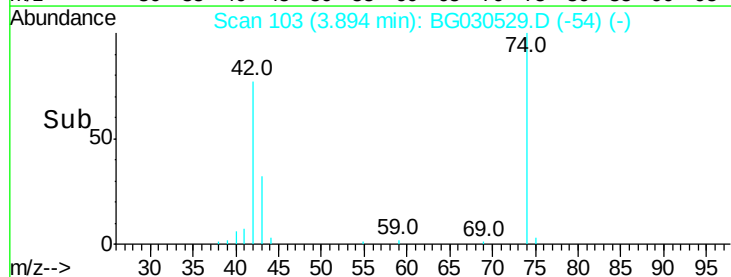
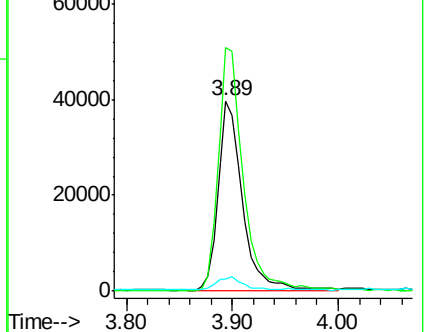
44 6.0 18.9 28.3#

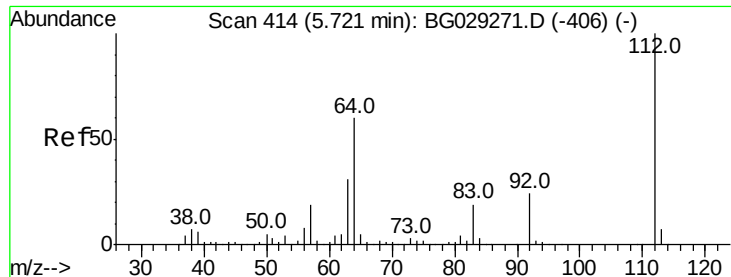


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 105.103 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

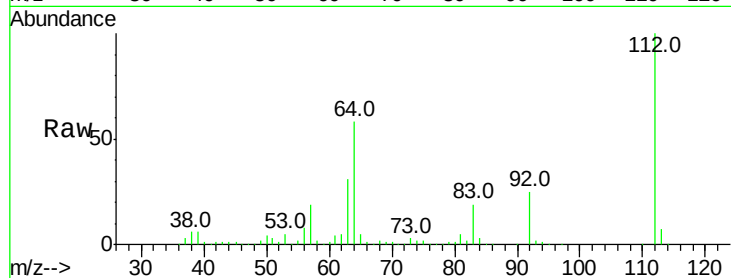
Tot Ion:112 Resp: 414074

Ion Ratio Lower Upper

112 100

64 58.4 56.3 84.5

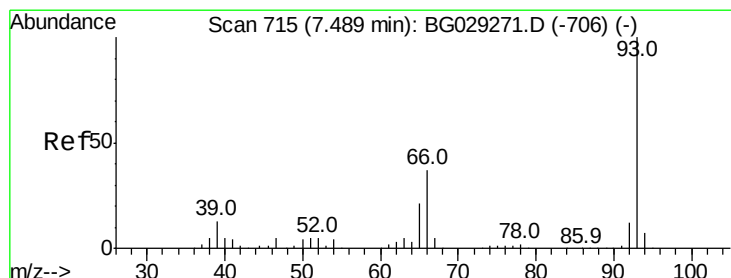
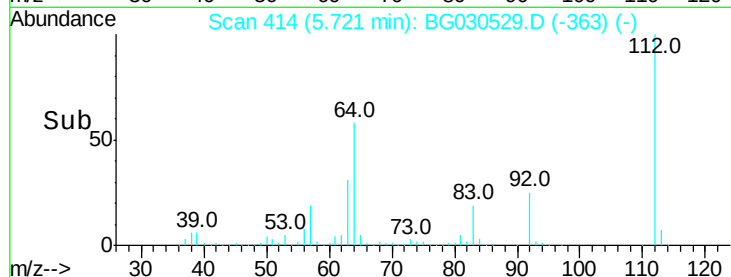
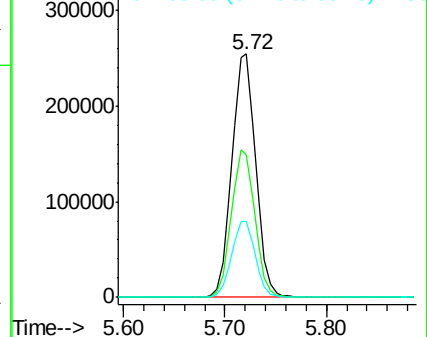
63 31.4 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.853 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

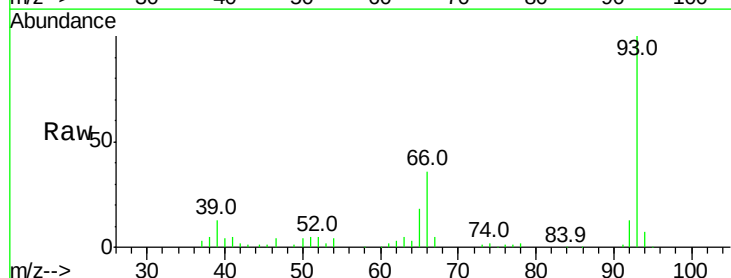
Tgt Ion: 93 Resp: 115404

Ion Ratio Lower Upper

93 100

66 36.4 33.7 50.5

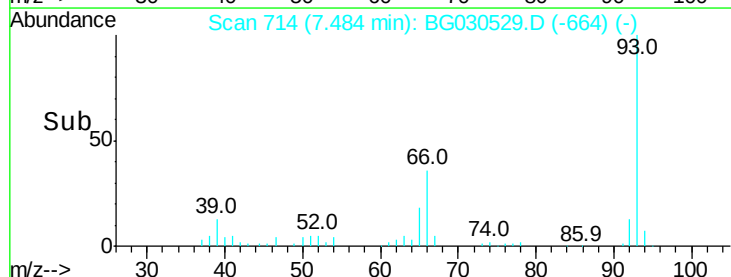
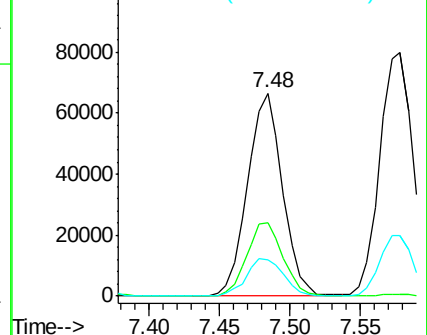
65 18.1 16.1 24.1

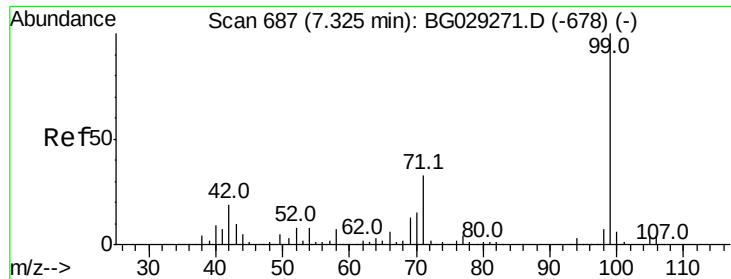


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 99.879 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

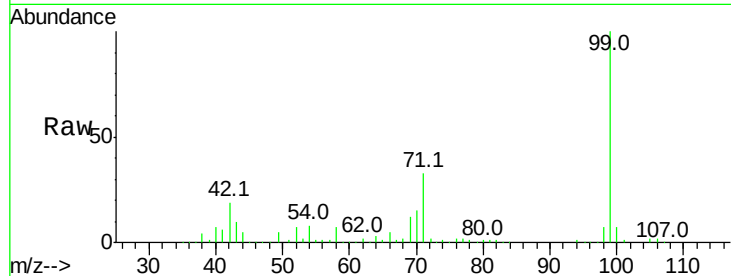
Tot Ion: 99 Resp: 552333

Ion Ratio Lower Upper

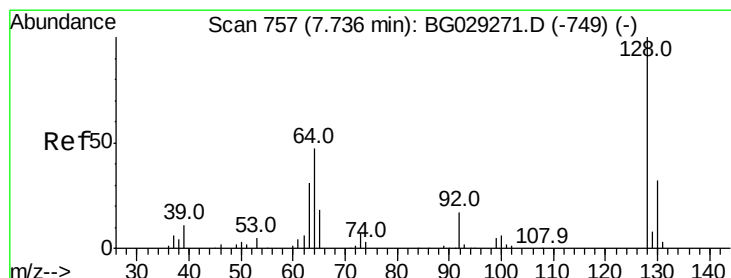
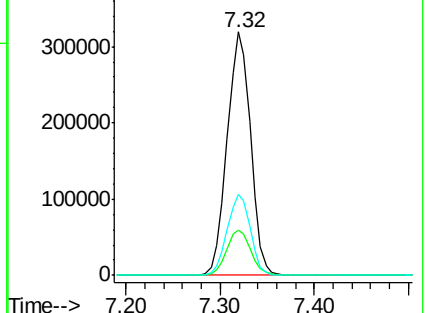
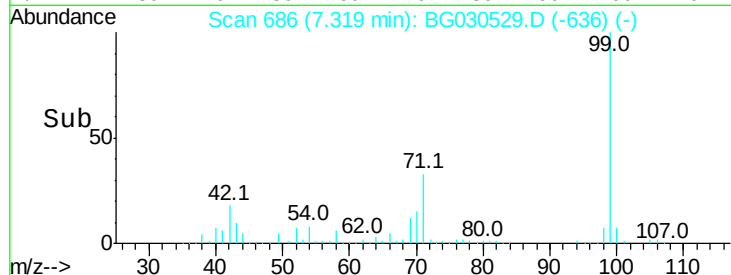
99 100

42 18.6 14.1 21.1

71 33.0 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 31.808 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

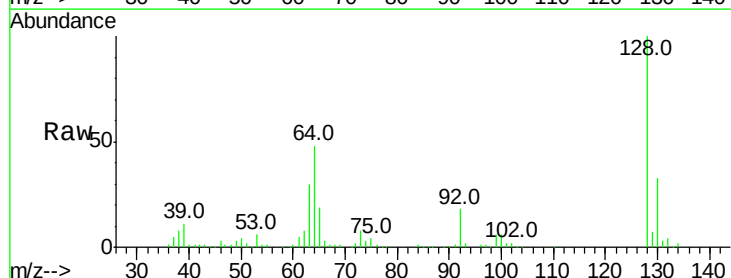
Tgt Ion: 128 Resp: 143641

Ion Ratio Lower Upper

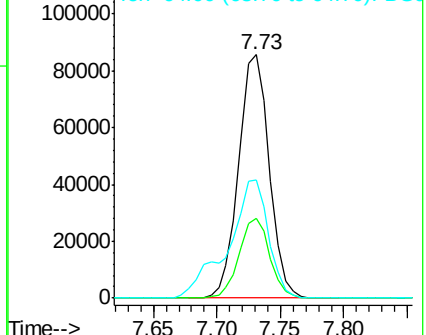
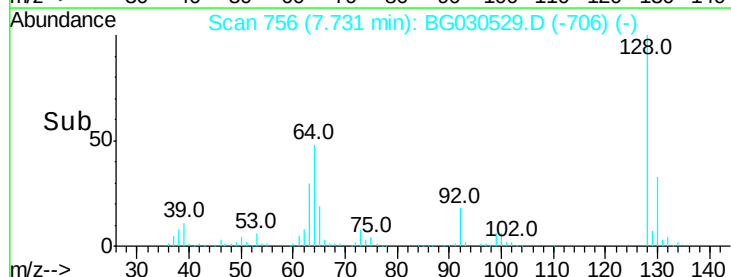
128 100

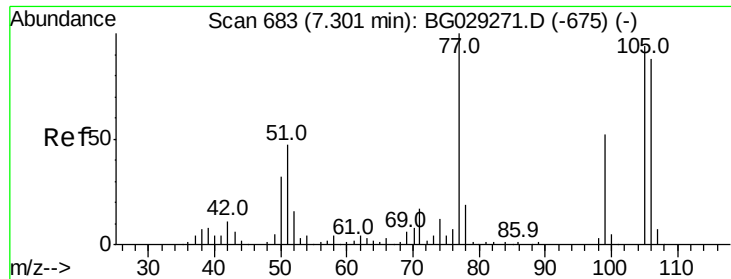
130 32.6 14.0 54.0

64 48.3 37.7 77.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 30.410 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

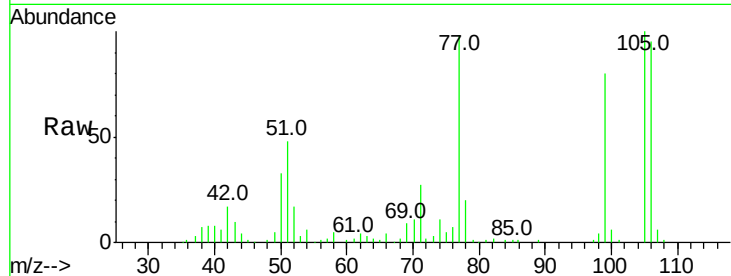
Tot Ion: 77 Resp: 84586

Ion Ratio Lower Upper

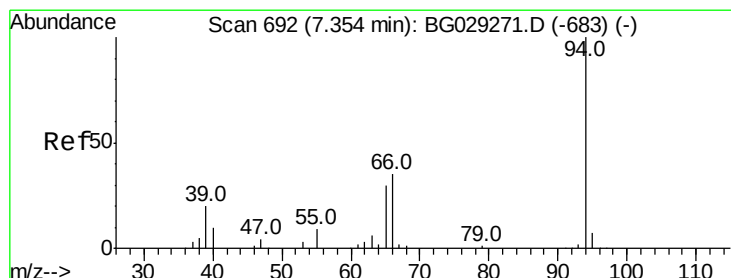
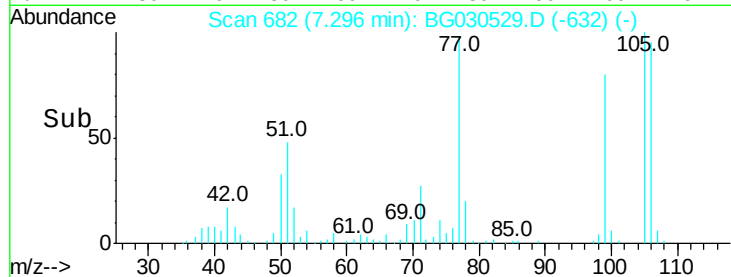
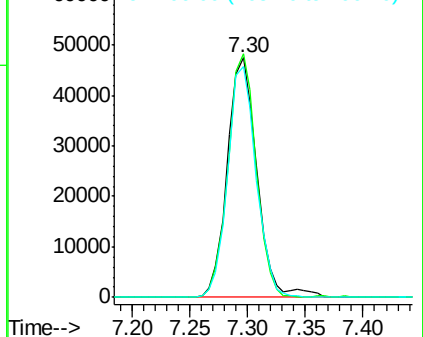
77 100

105 101.6 71.3 111.3

106 96.1 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: 32.513 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

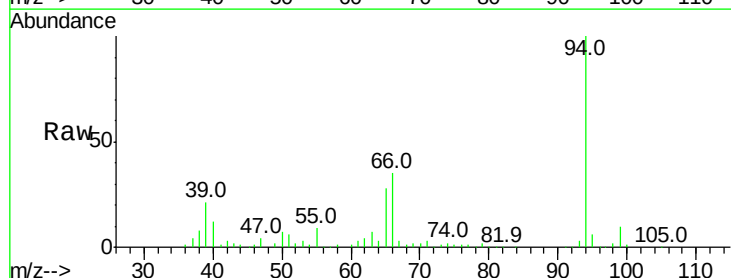
Tgt Ion: 94 Resp: 193839

Ion Ratio Lower Upper

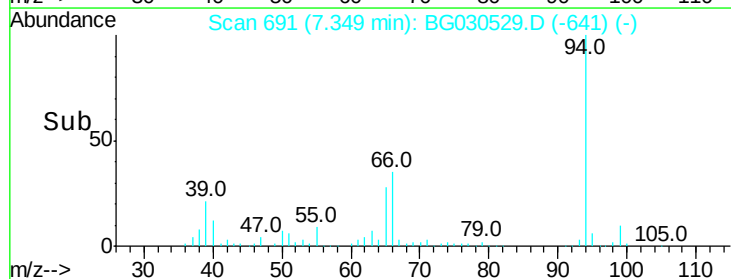
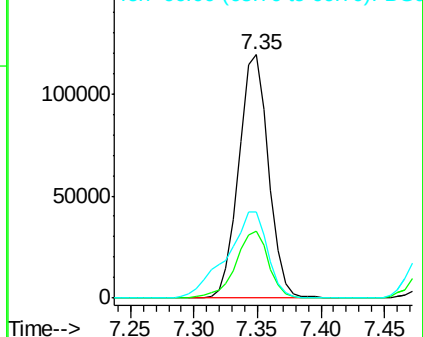
94 100

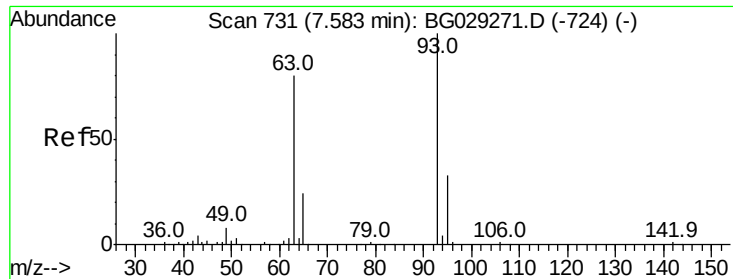
65 27.7 11.9 51.9

66 35.3 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

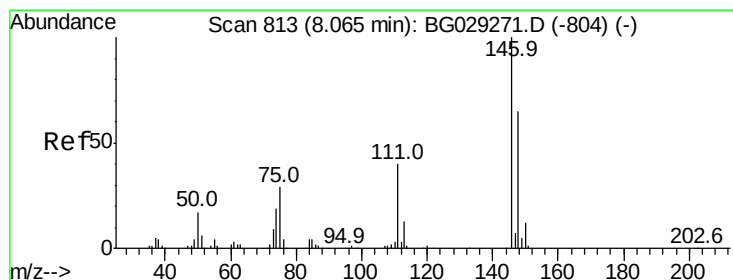
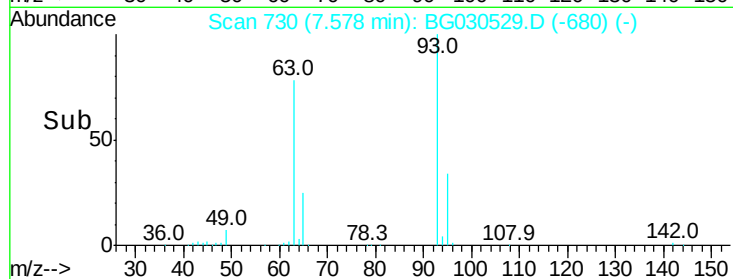
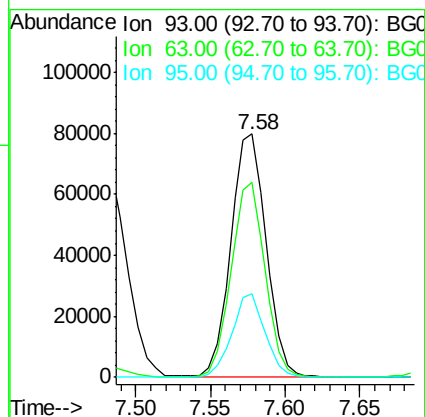
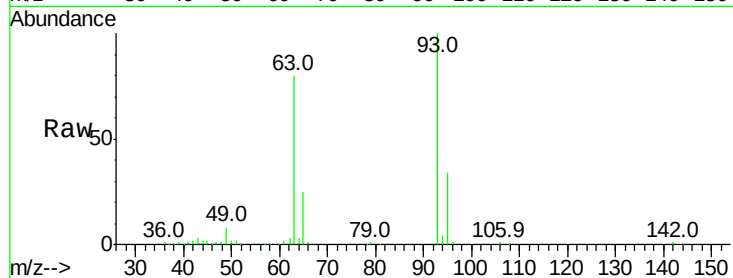




#11
bis(2-Chloroethyl)ether
Concen: 30.207 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

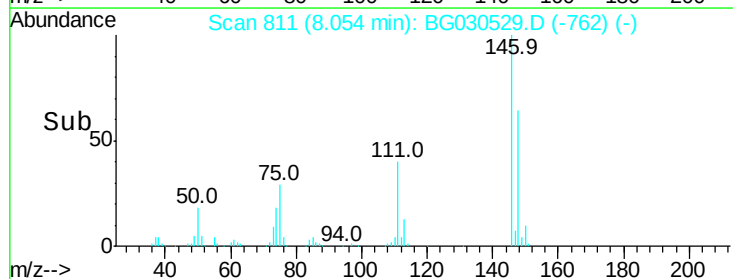
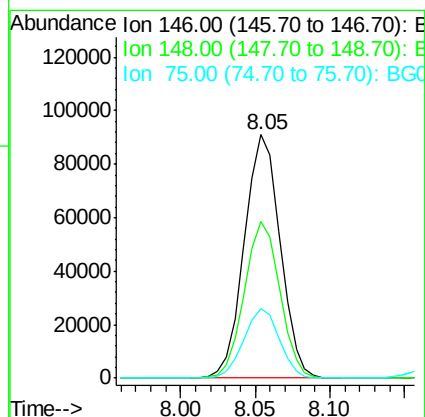
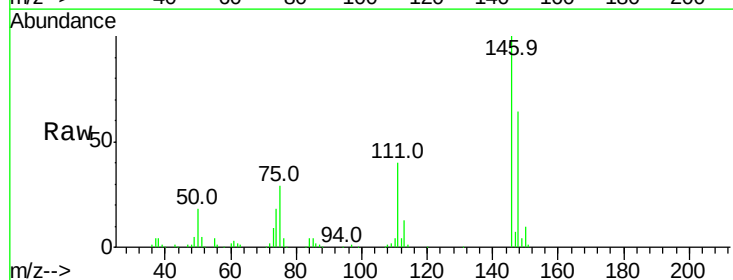
Instrument :
BNA_G
ClientSampled :
PB103644BS

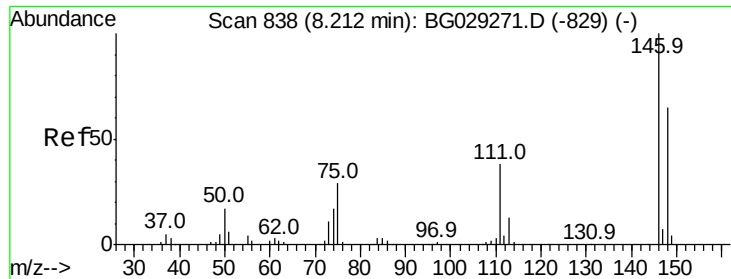
Tot Ion: 93 Resp: 131209
Ion Ratio Lower Upper
93 100
63 79.9 67.1 107.1
95 34.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 29.750 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion: 146 Resp: 150832
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
75 28.6 26.6 39.8

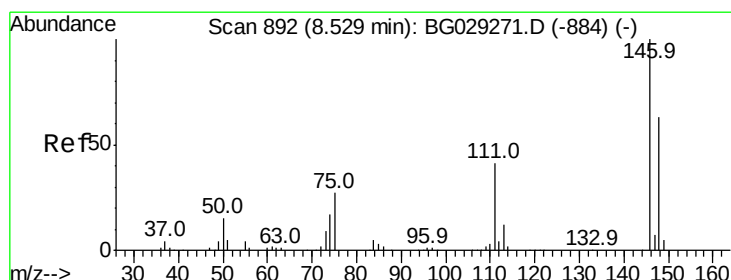
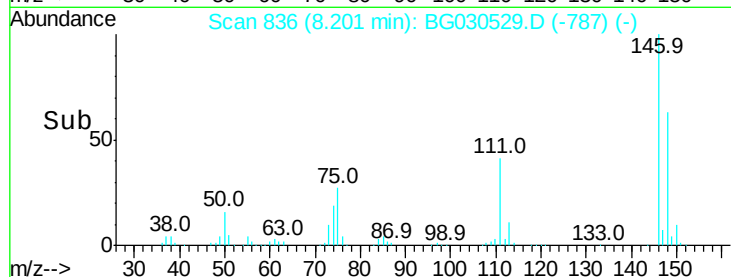
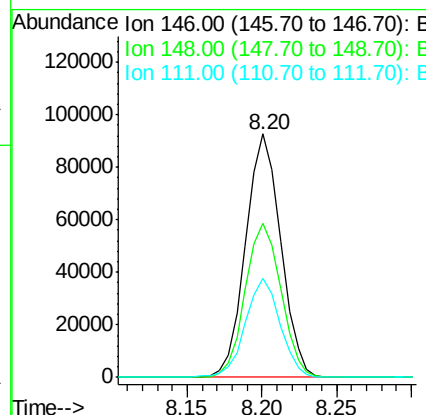
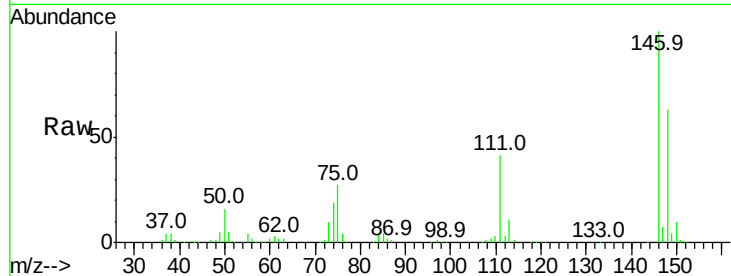




#13
 1,4-Dichlorobenzene
 Concen: 29.170 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

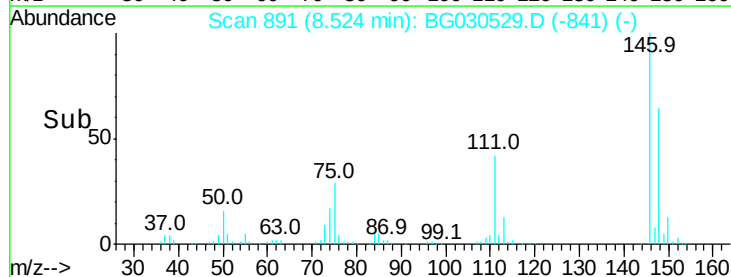
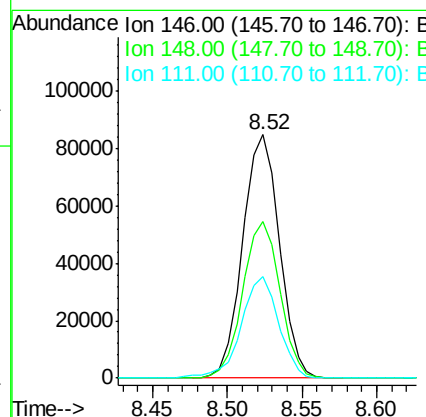
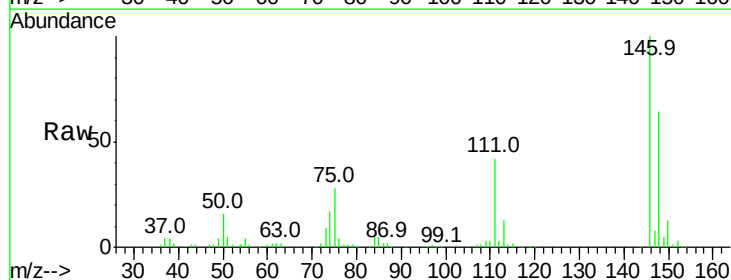
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

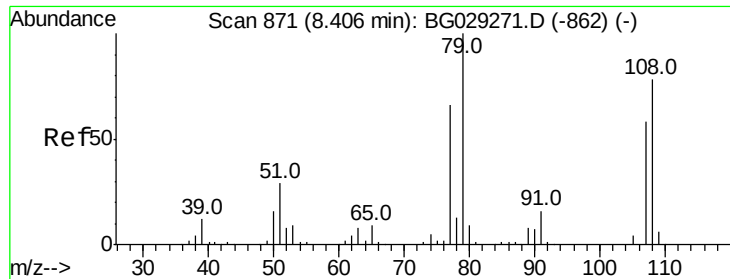
Tot Ion:146 Resp: 150992
 Ion Ratio Lower Upper
 146 100
 148 63.5 53.7 80.5
 111 40.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 28.959 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion:146 Resp: 144584
 Ion Ratio Lower Upper
 146 100
 148 64.2 49.3 73.9
 111 41.7 34.3 51.5

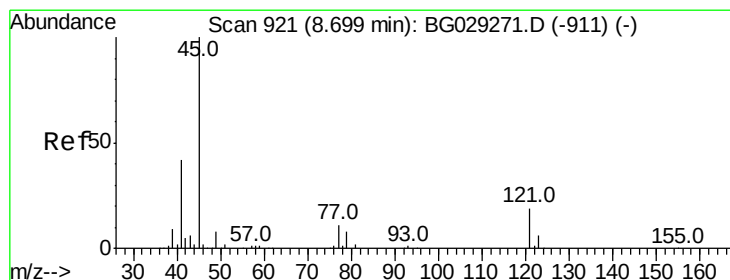
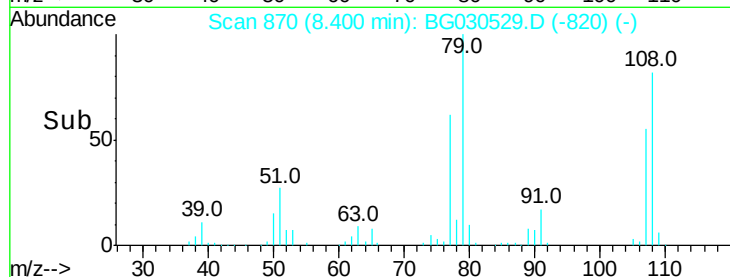
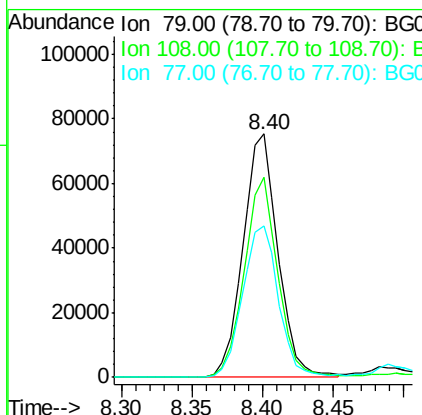
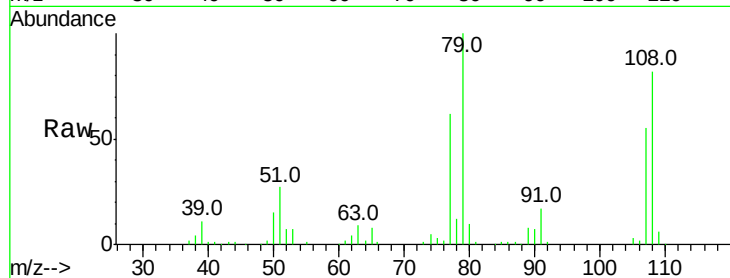




#15
Benzyl Alcohol
Concen: 33.406 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

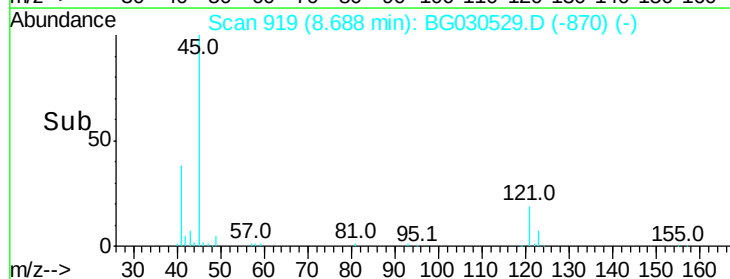
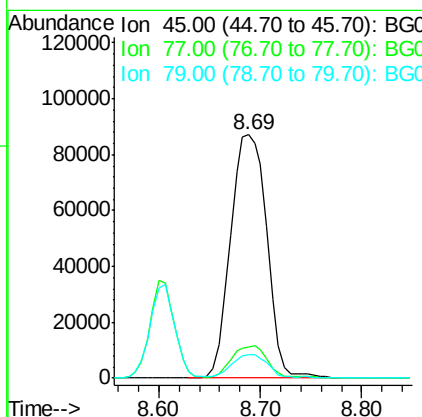
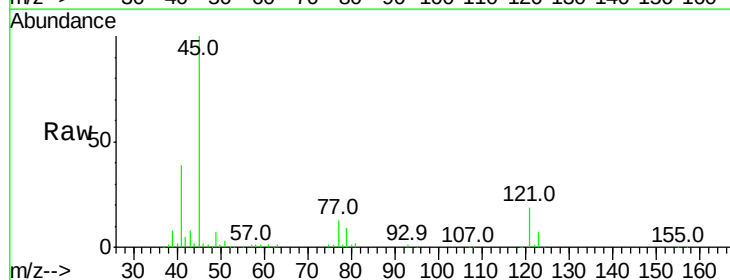
Instrument :
BNA_G
ClientSampleId :
PB103644BS

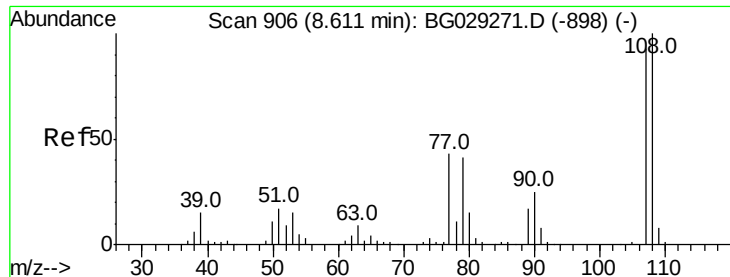
Tot Ion: 79 Resp: 130184
Ion Ratio Lower Upper
79 100
108 82.0 57.2 85.8
77 62.4 46.1 69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 29.152 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion: 45 Resp: 215049
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.2
79 9.5 0.0 27.9

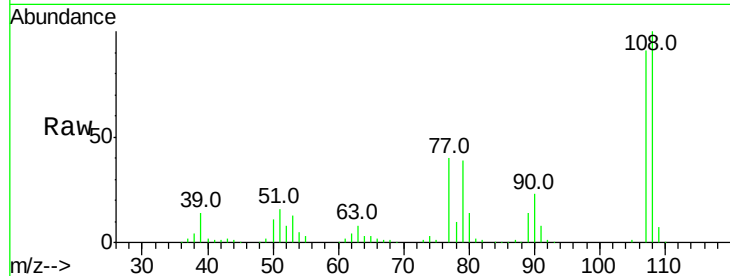




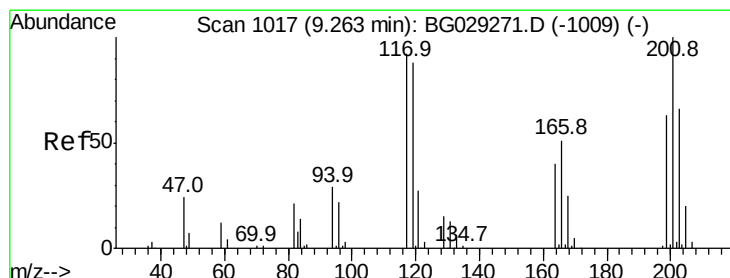
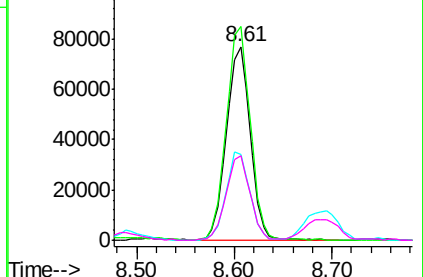
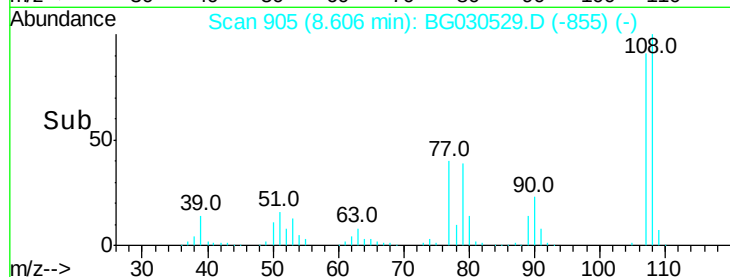
#17
2-Methylphenol
Concen: 33.083 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB103644BS

Tot Ion:107 Resp: 131022
Ion Ratio Lower Upper
107 100
108 110.4 83.9 125.9
77 44.6 37.2 55.8
79 43.4 36.2 54.2

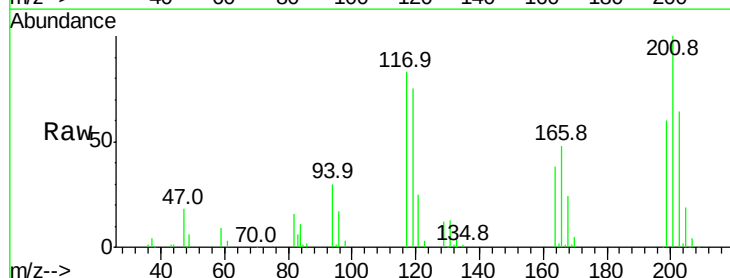


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

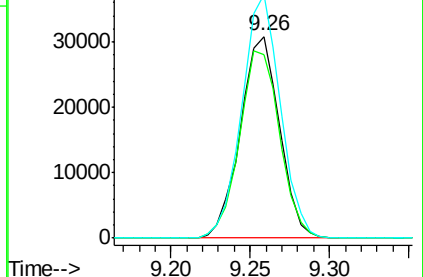
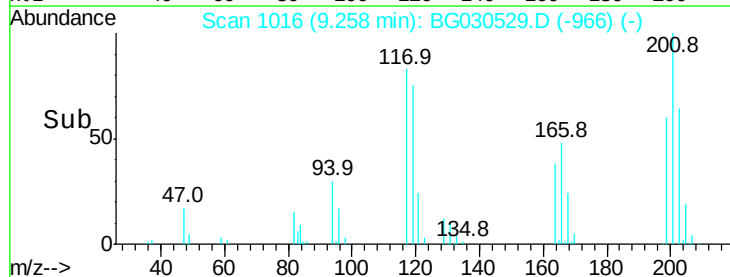


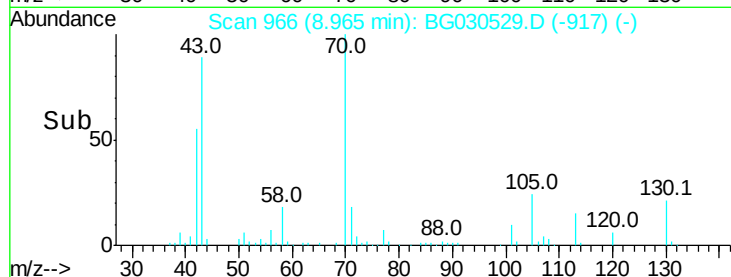
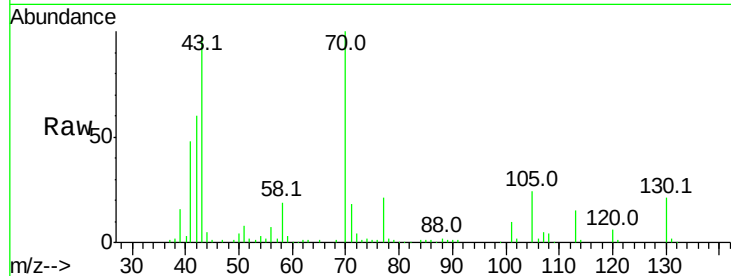
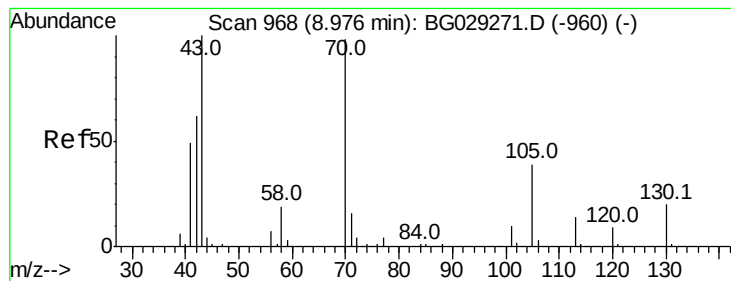
#18
Hexachloroethane
Concen: 29.940 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:117 Resp: 52814
Ion Ratio Lower Upper
117 100
119 90.9 76.7 115.1
201 120.7 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: 29.442 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

Tot Ion: 70 Resp: 110706

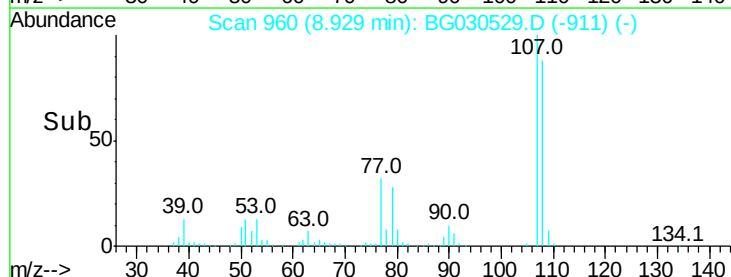
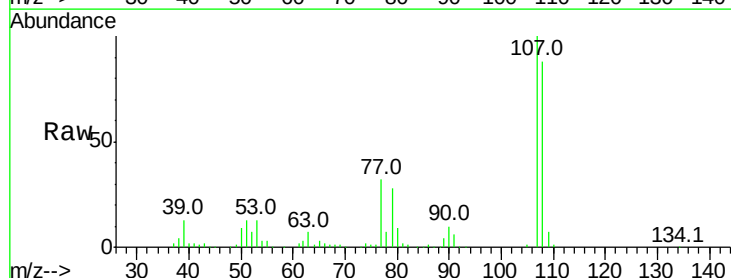
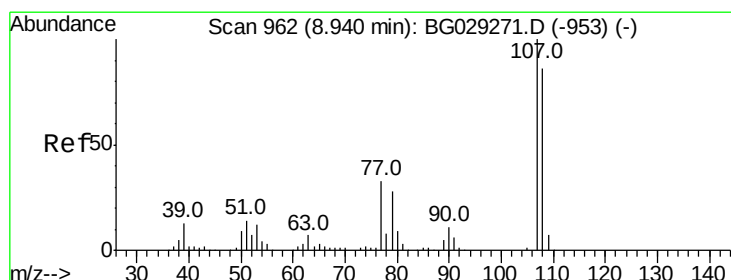
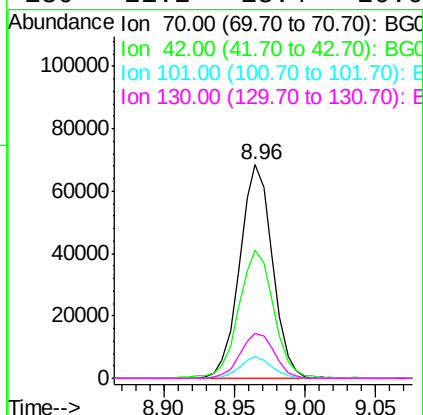
Ion Ratio Lower Upper

70 100

42 60.0 49.1 73.7

101 10.4 8.5 12.7

130 21.2 13.4 20.0#



#20

3+4-Methylphenols

Concen: 32.969 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:107 Resp: 183979

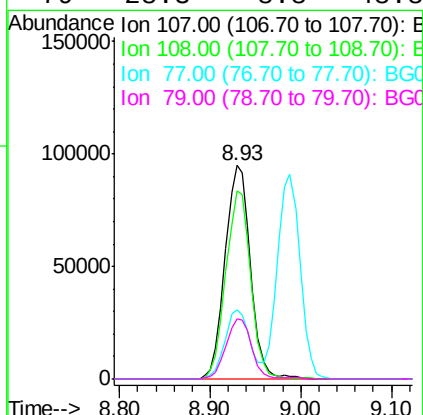
Ion Ratio Lower Upper

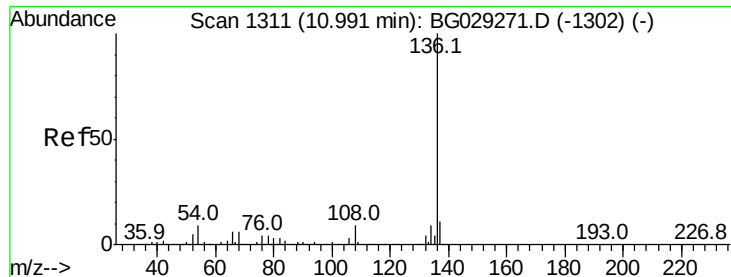
107 100

108 87.9 61.6 101.6

77 32.3 13.9 53.9

79 28.3 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

Tot Ion:136 Resp: 284432

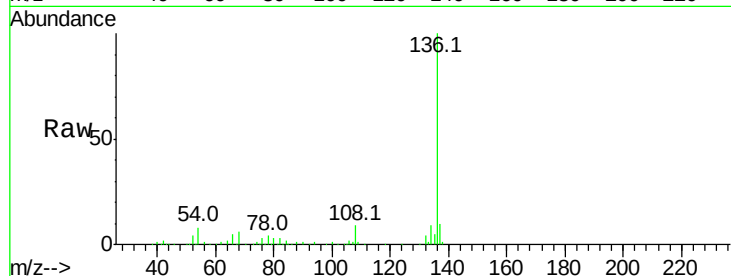
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 7.9 10.3 15.5#

68 5.6 4.5 6.7

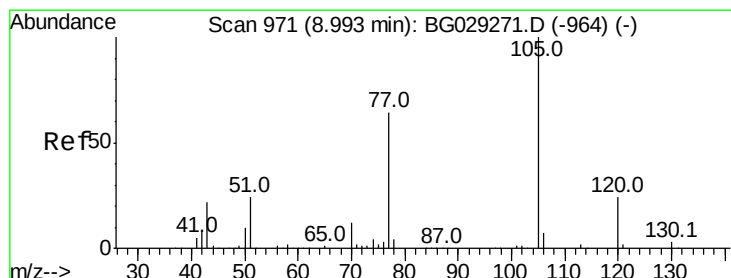
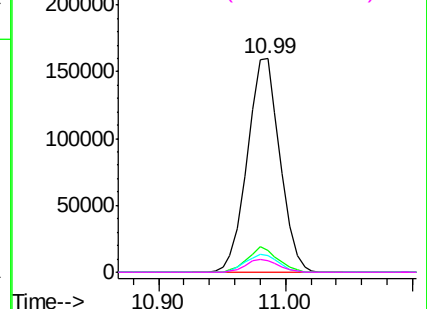
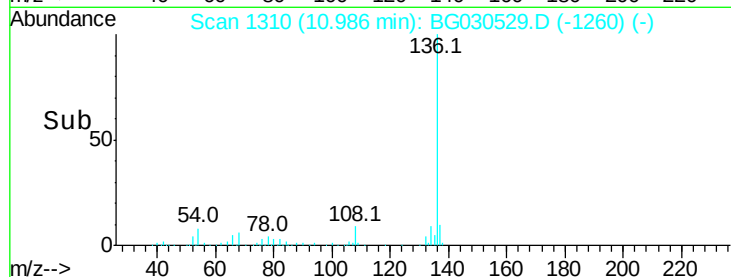


Abundance Ion 136.00 (135.70 to 136.70): E

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: 30.626 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:105 Resp: 209934

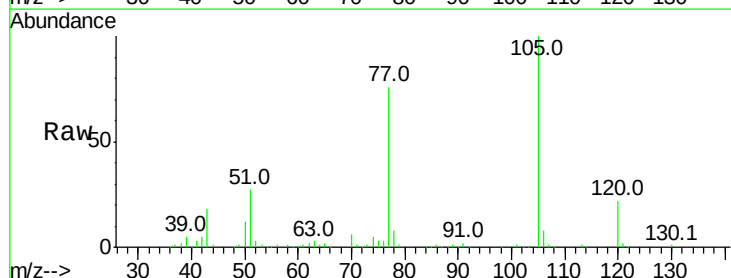
Ion Ratio Lower Upper

105 100

71 0.9 3.0 4.4#

51 27.1 26.1 39.1

120 22.2 17.4 26.2

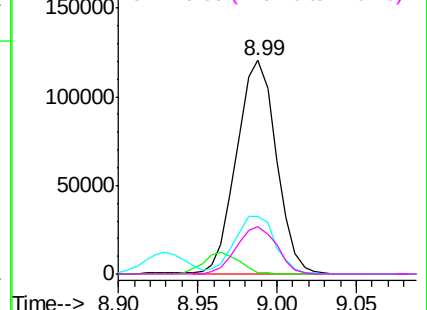
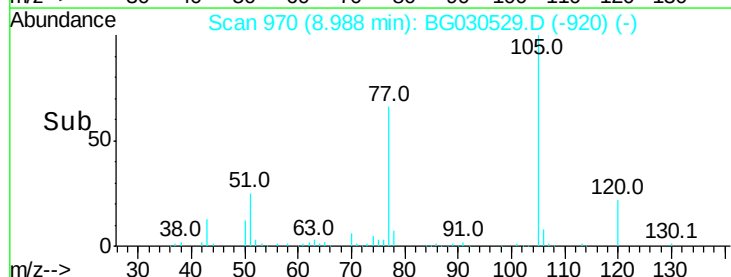


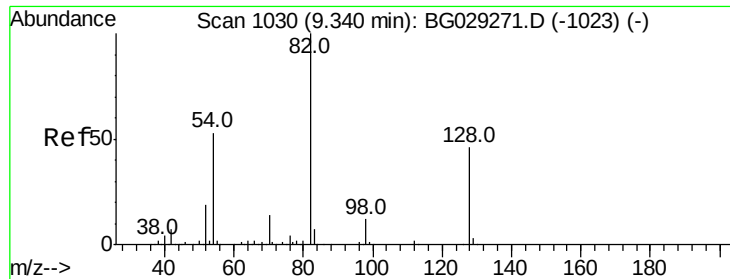
Abundance Ion 105.00 (104.70 to 105.70): E

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

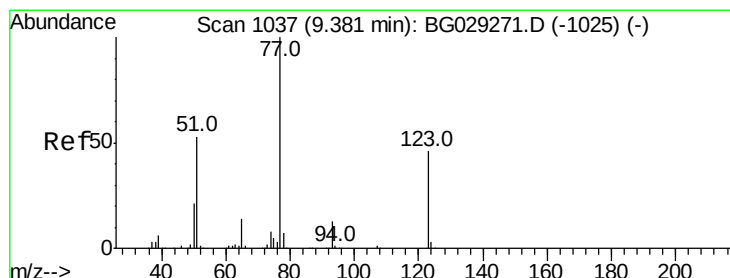
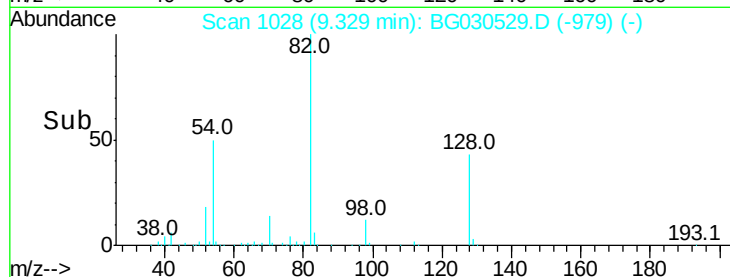
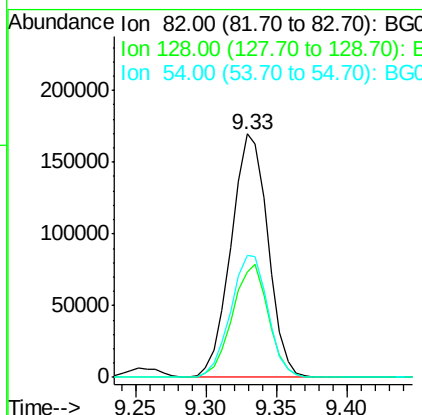
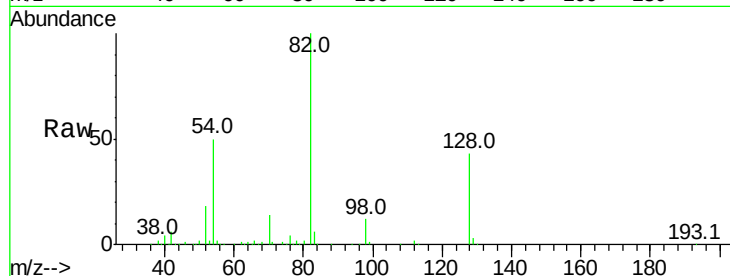




#23
 Nitrobenzene-d5
 Concen: 69.214 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

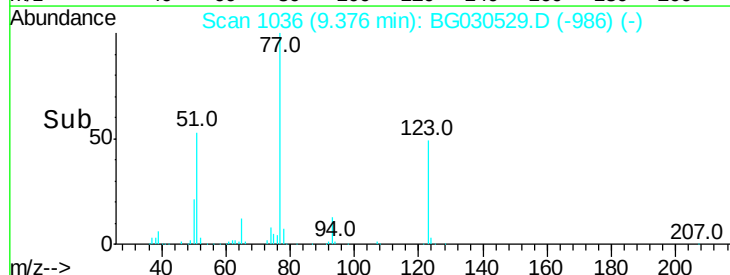
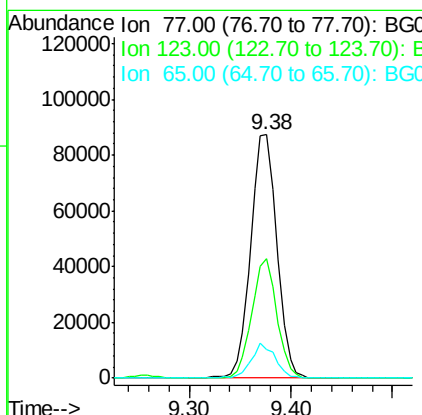
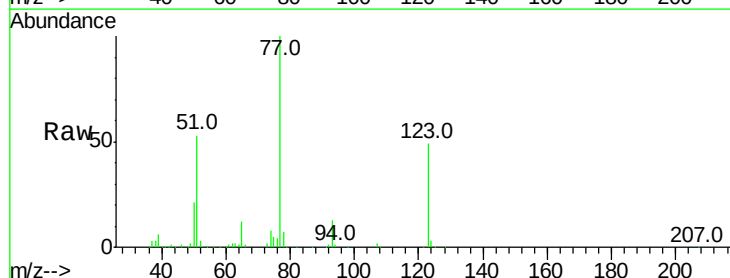
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

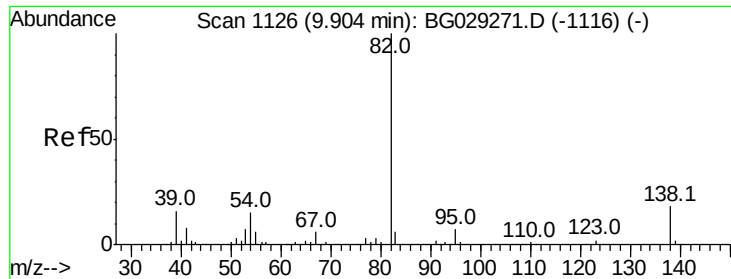
Tot Ion	82	Resp	309797
Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	50.2	43.1	64.7



#24
 Nitrobenzene
 Concen: 31.246 ng
 RT: 9.38 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion	77	Resp	157248
Ion	Ratio	Lower	Upper
77	100		
123	49.3	33.0	49.6
65	12.0	13.0	19.6#

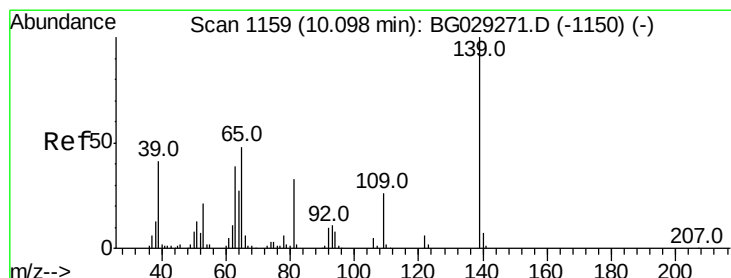
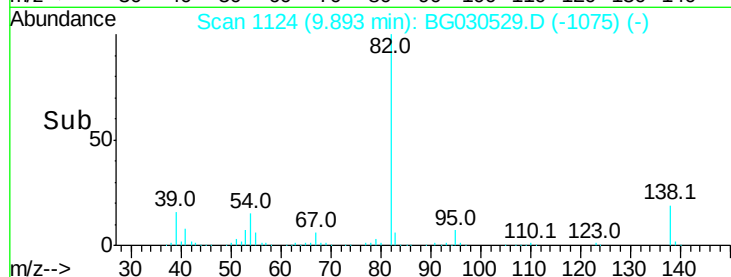
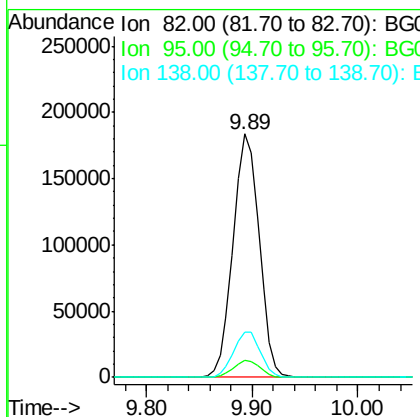
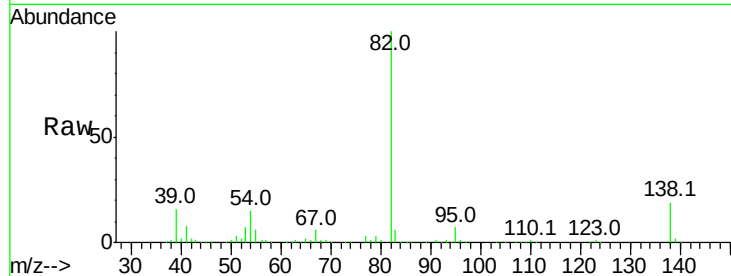




#25
Isophorone
Concen: 33.661 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

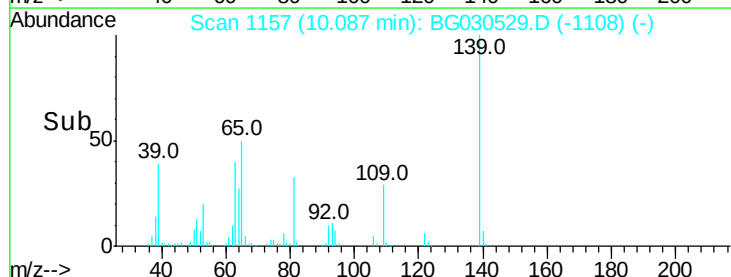
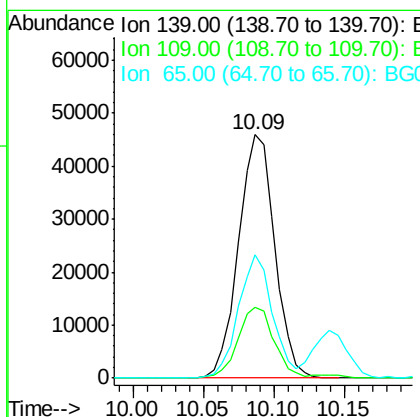
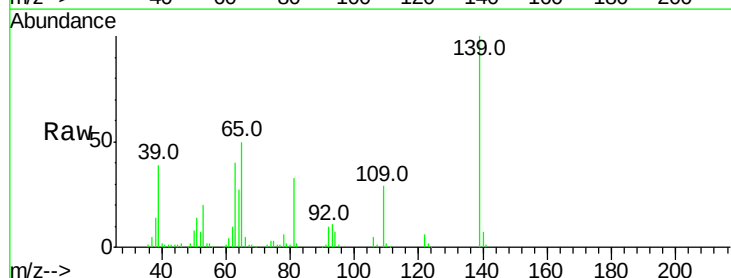
Instrument :
BNA_G
ClientSampleId :
PB103644BS

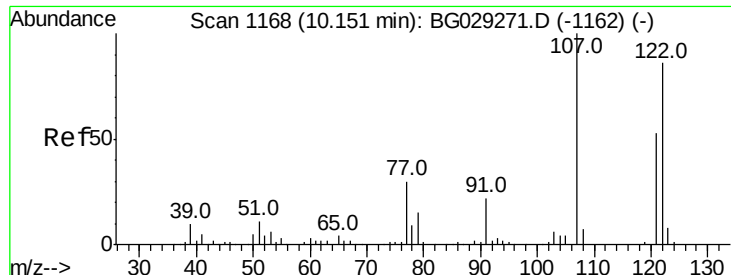
Tot Ion: 82 Resp: 314531
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.2
138 18.7 12.1 18.1#



#26
2-Nitrophenol
Concen: 34.255 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion: 139 Resp: 82393
Ion Ratio Lower Upper
139 100
109 29.2 24.2 36.2
65 50.5 47.4 71.0

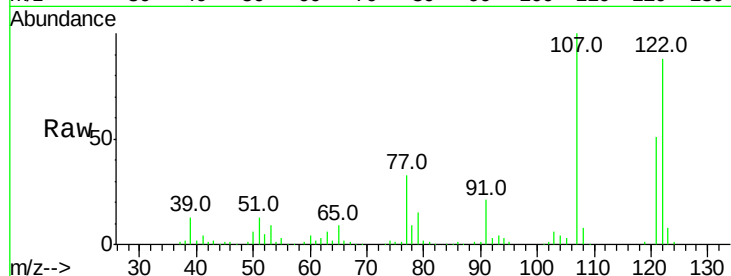




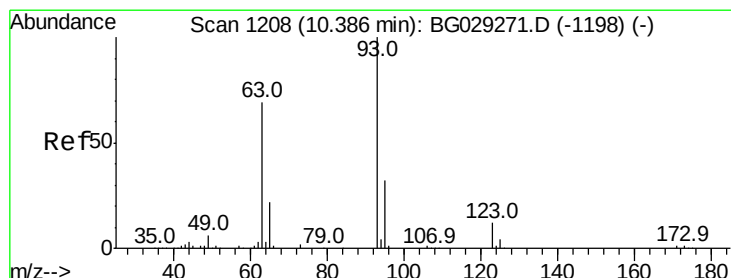
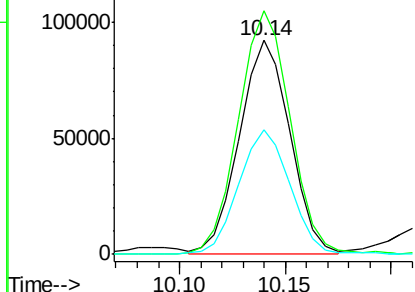
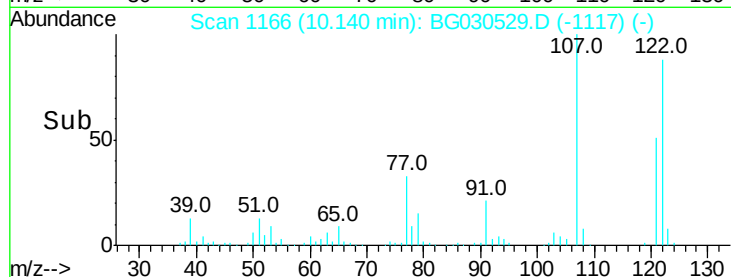
#27
 2,4-Dimethylphenol
 Concen: 35.033 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

Tot Ion:122 Resp: 152456
 Ion Ratio Lower Upper
 122 100
 107 113.9 100.2 150.2
 121 58.5 44.4 66.6

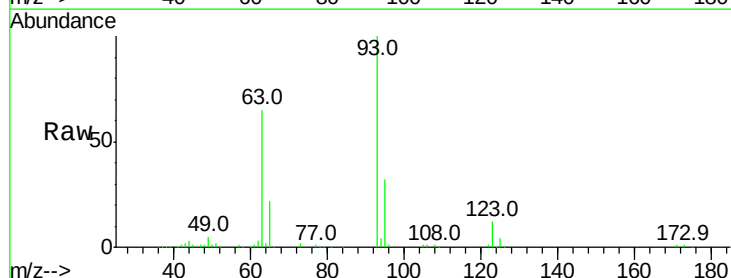


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

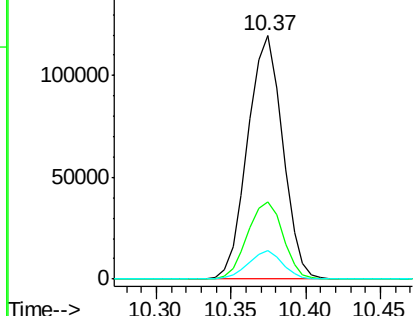
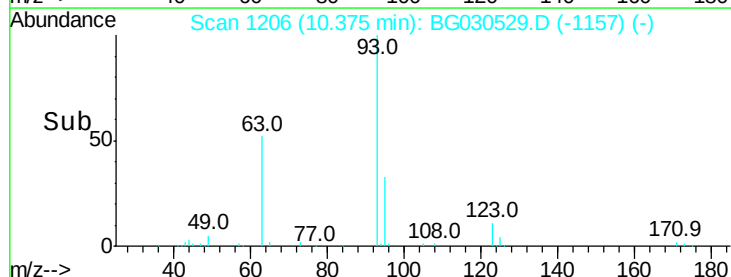


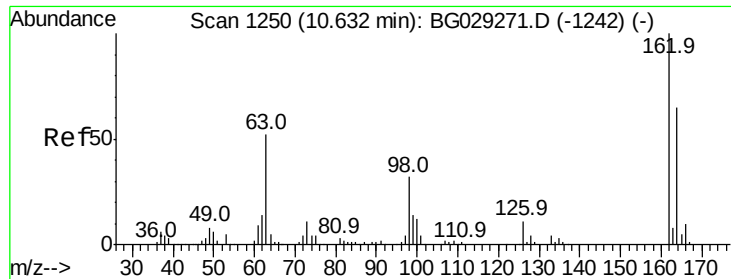
#28
 bis(2-Chloroethoxy)methane
 Concen: 33.852 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion: 93 Resp: 193958
 Ion Ratio Lower Upper
 93 100
 95 31.5 24.3 36.5
 123 11.5 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

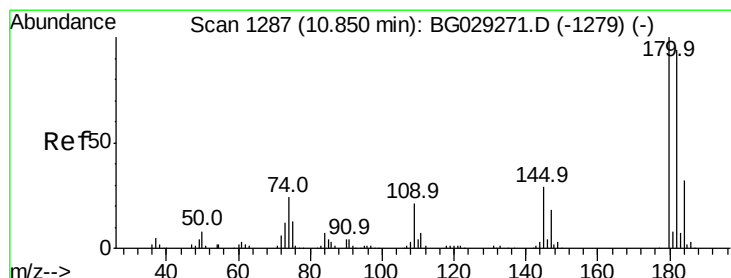
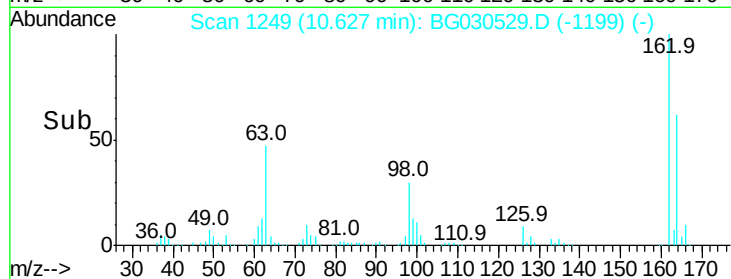
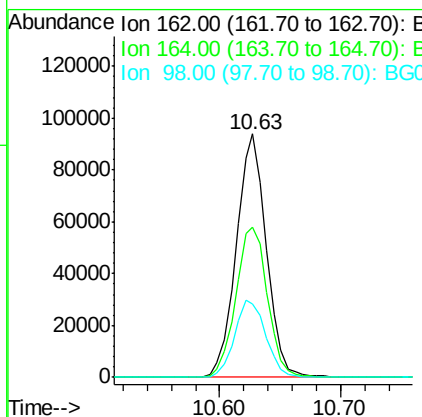
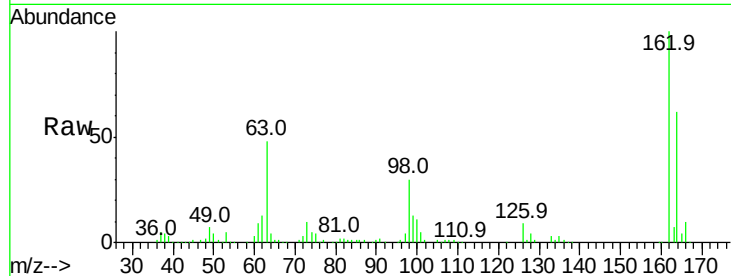




#29
 2,4-Dichlorophenol
 Concen: 35.017 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

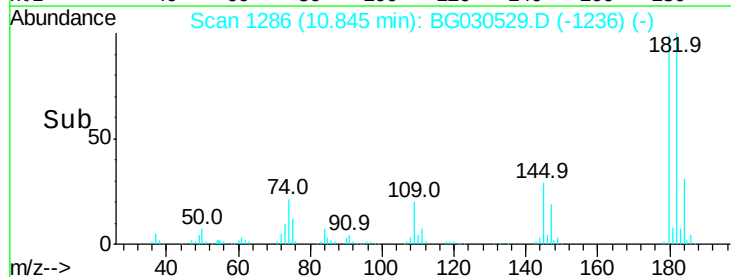
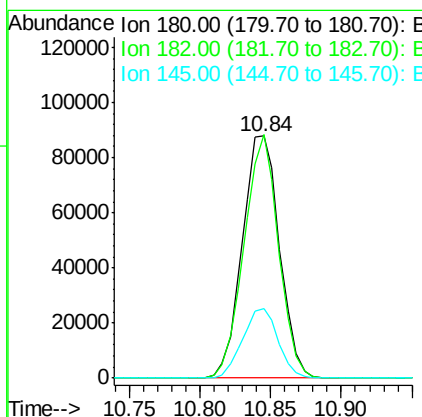
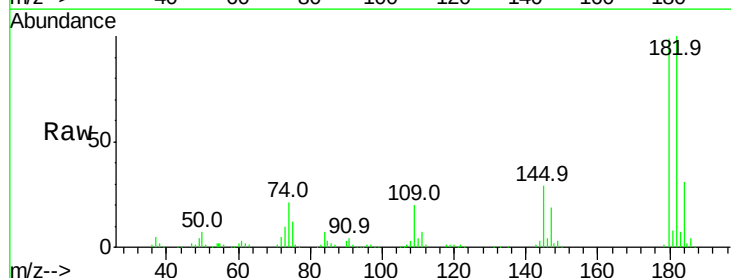
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

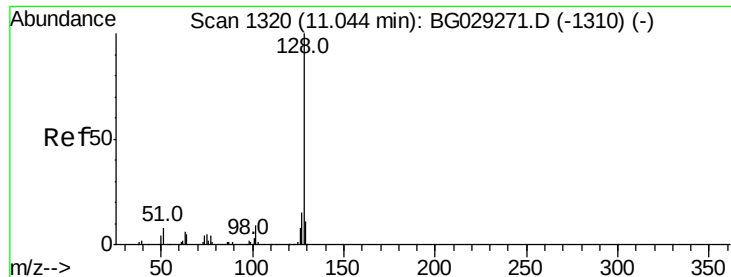
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	48.0	88.0
98	30.4	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 32.202 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.6	77.5	116.3
145	28.8	23.4	35.2

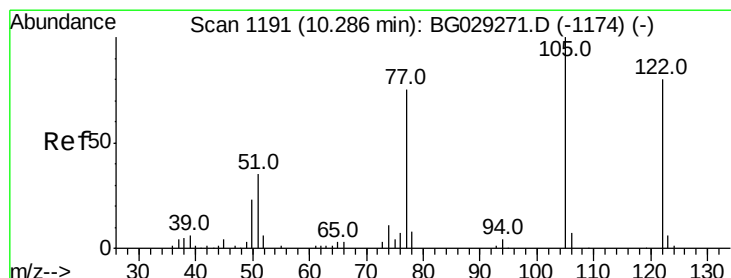
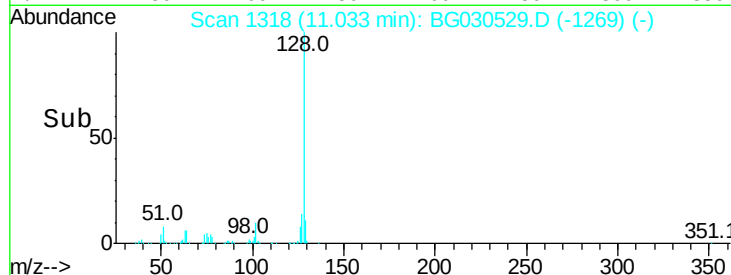
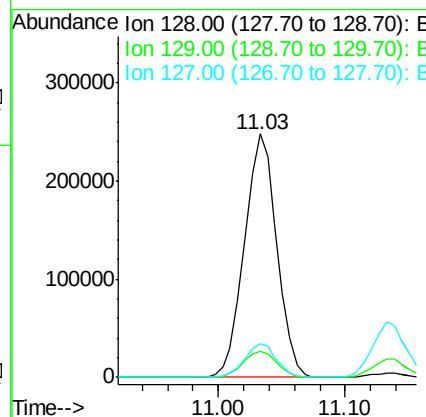
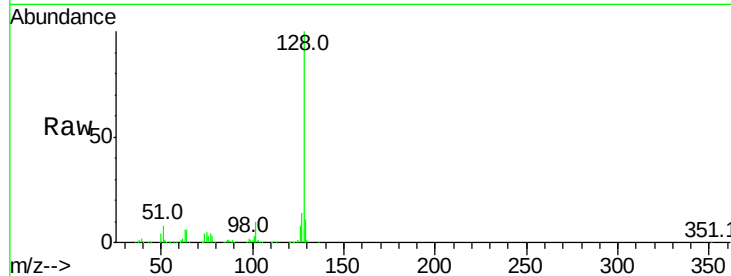




#31
Naphthalene
Concen: 30.878 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

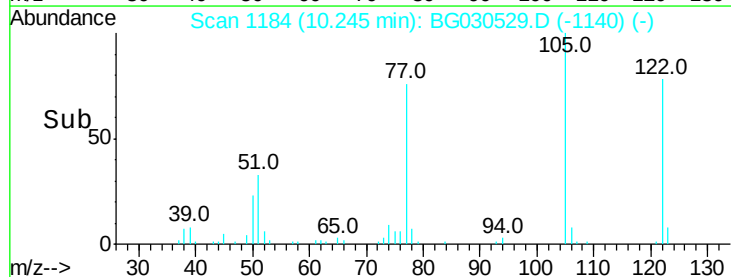
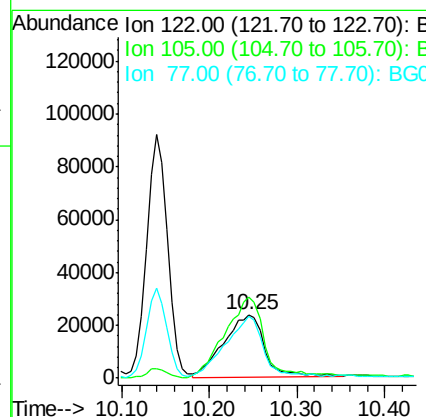
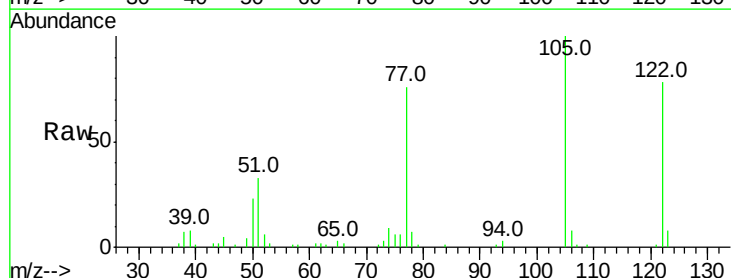
Instrument :
BNA_G
ClientSampleId :
PB103644BS

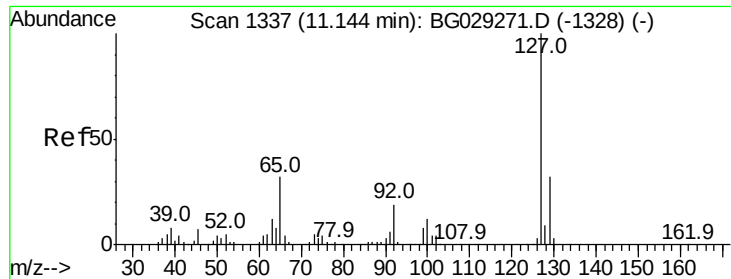
Tot Ion:128 Resp: 437708
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.6 11.6 17.4



#32
Benzoic acid
Concen: 20.133 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.04 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:122 Resp: 73359
Ion Ratio Lower Upper
122 100
105 128.3 123.5 163.5
77 97.9 85.7 125.7

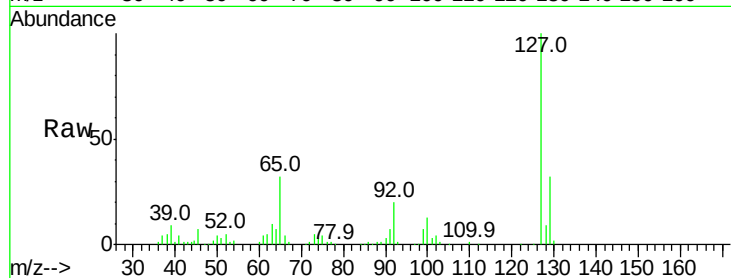




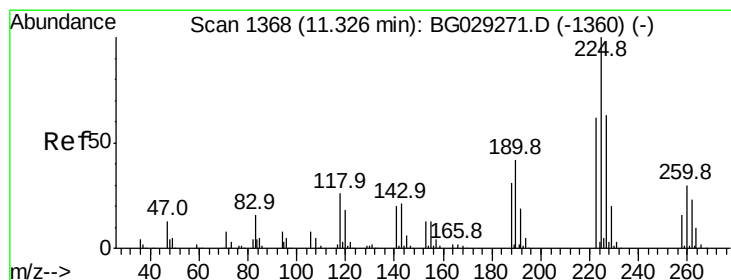
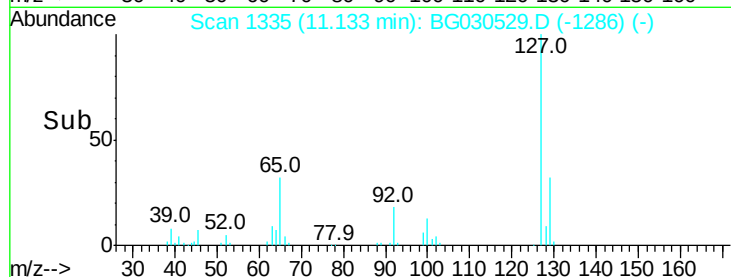
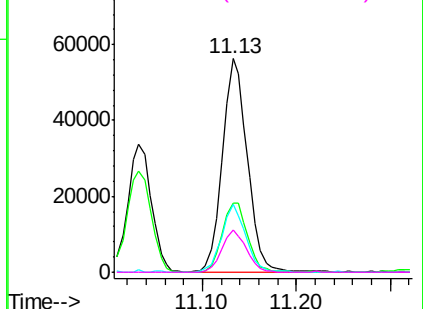
#33
4-Chloroaniline
Concen: 17.453 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB103644BS

Tot Ion:	127	Resp:	104071
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	31.8	27.0	40.4
92	20.1	16.6	25.0

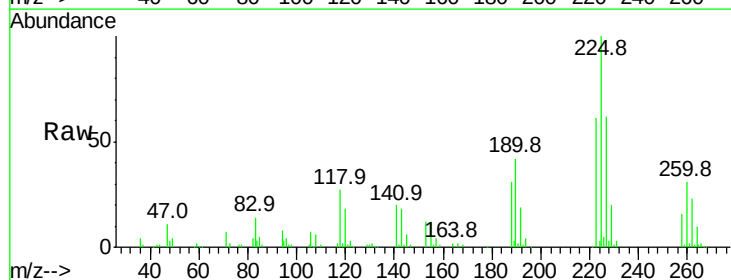


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

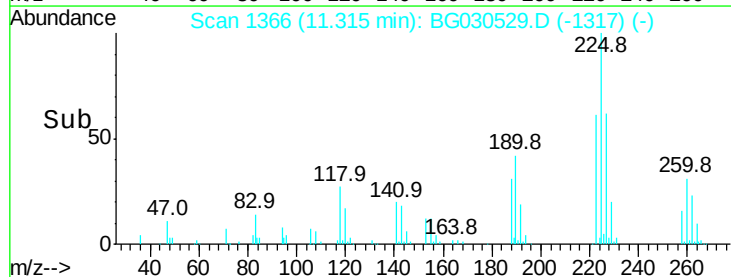
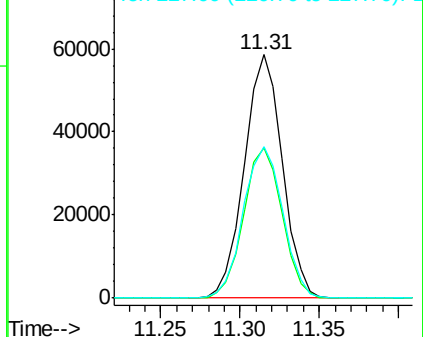


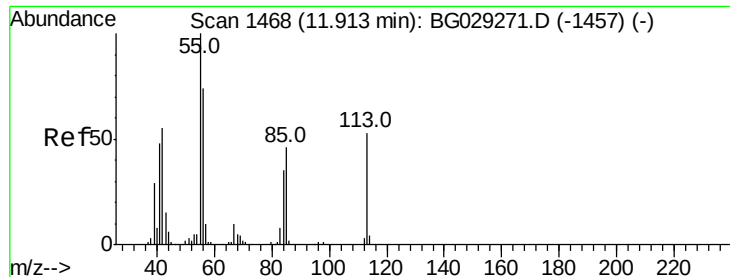
#34
Hexachlorobutadiene
Concen: 31.304 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:	225	Resp:	97579
Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.7	74.5
227	62.2	48.1	72.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.373 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

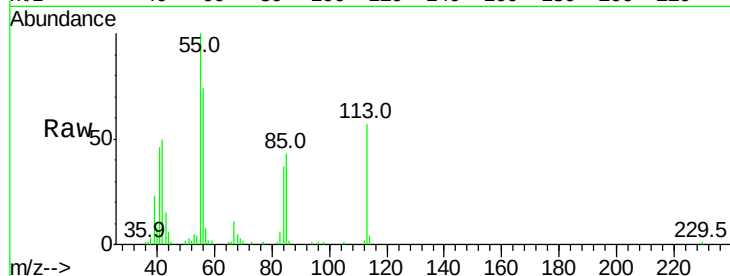
Tot Ion:113 Resp: 60725

Ion Ratio Lower Upper

113 100

55 175.7 186.9 226.9#

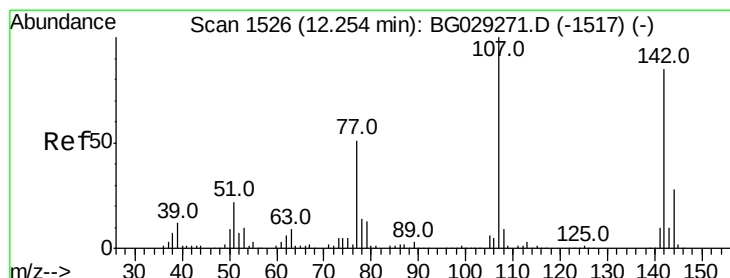
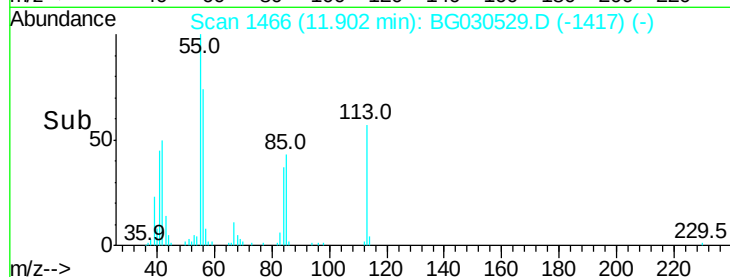
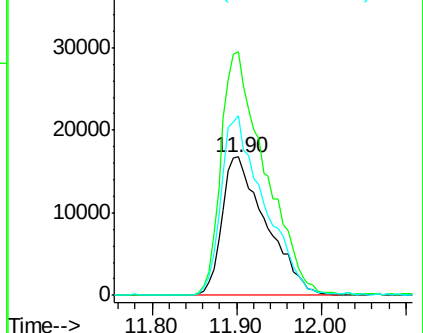
56 129.7 130.9 170.9#



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: 34.168 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

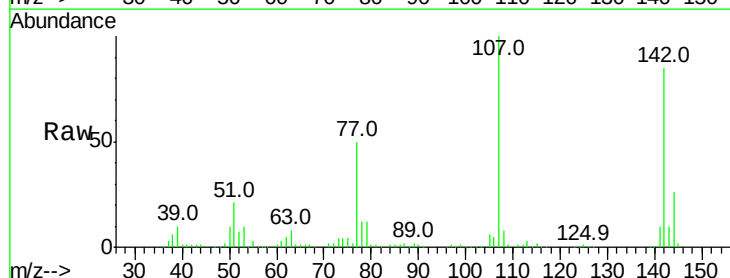
Tgt Ion:107 Resp: 174396

Ion Ratio Lower Upper

107 100

144 26.4 18.2 27.4

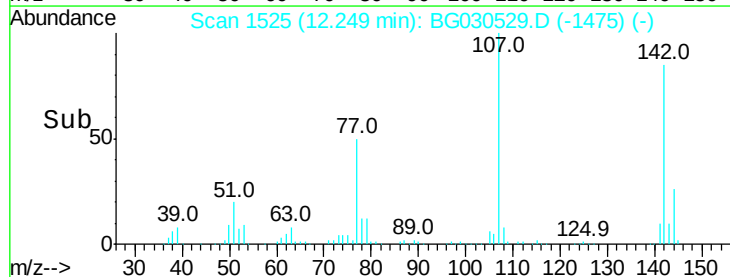
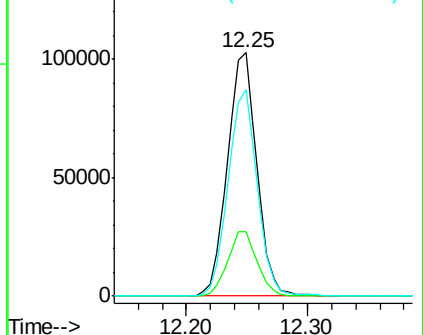
142 84.8 59.0 88.4

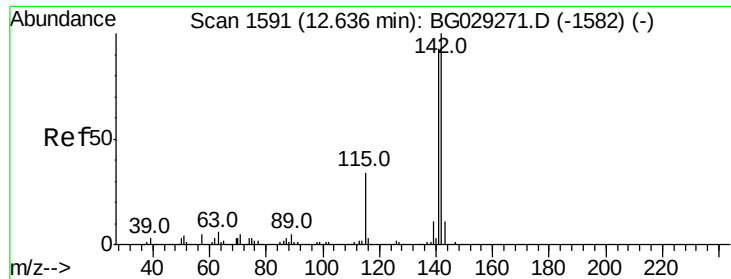


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

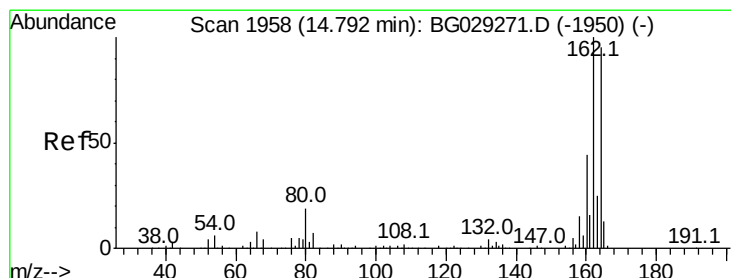
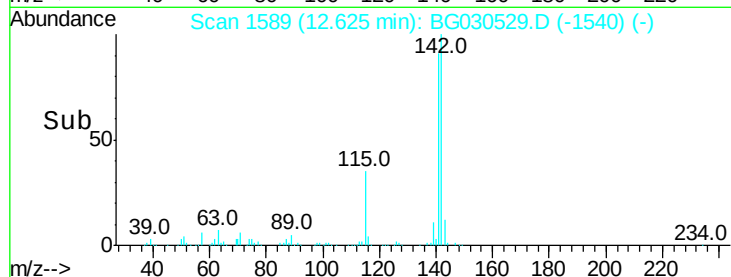
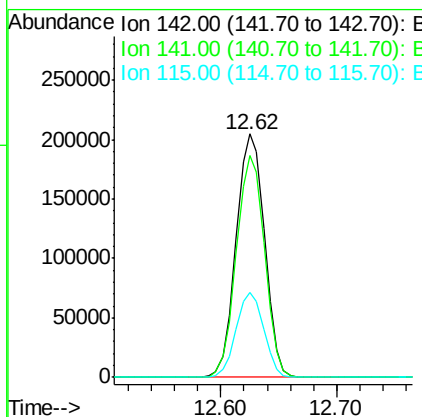
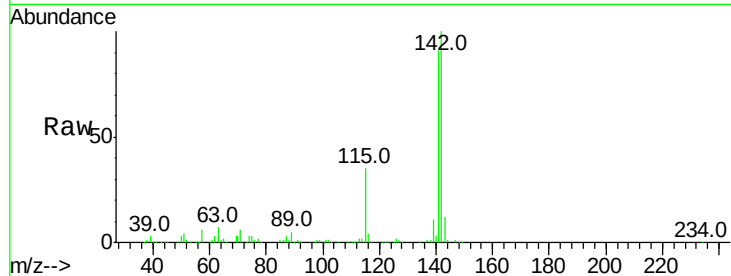




#37
2-Methylnaphthalene
Concen: 33.762 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

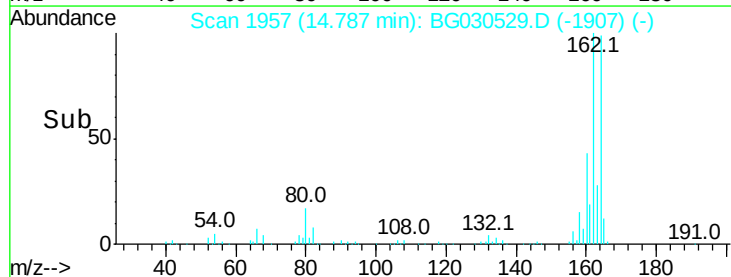
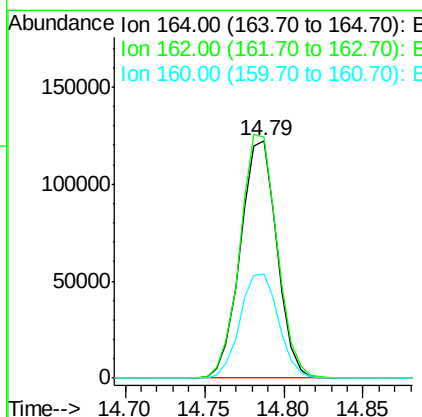
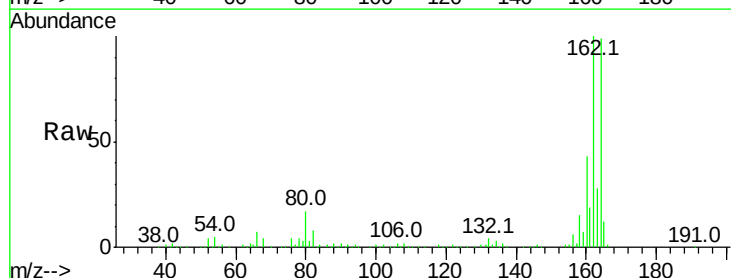
Instrument :
BNA_G
ClientSampleId :
PB103644BS

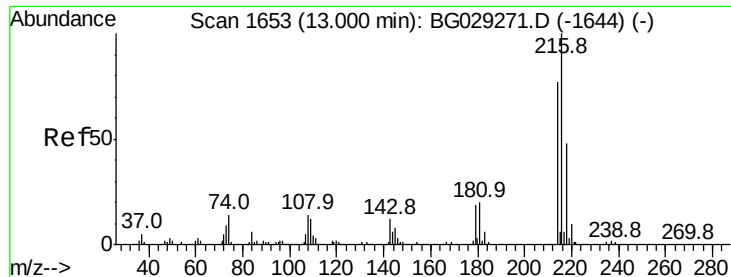
Tot Ion:142 Resp: 348814
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 34.9 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:164 Resp: 194702
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 43.9 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 26.990 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

Tot Ion:216 Resp: 191858

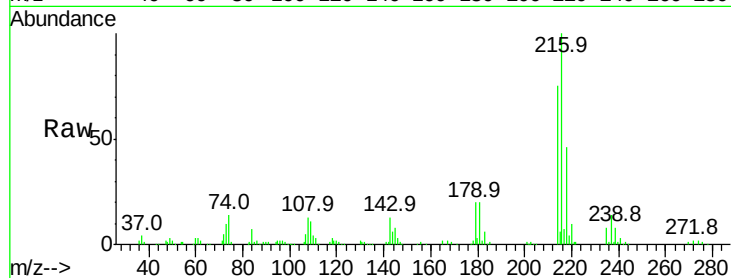
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 19.9 17.0 25.6

108 16.2 12.8 19.2

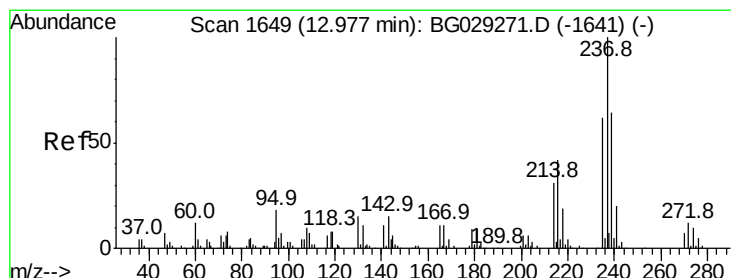
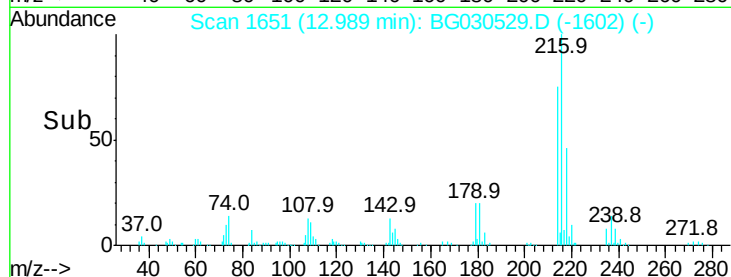
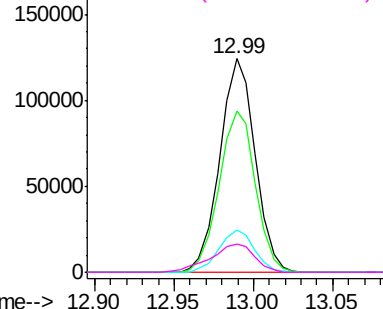


Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.793 ng

RT: 12.97 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

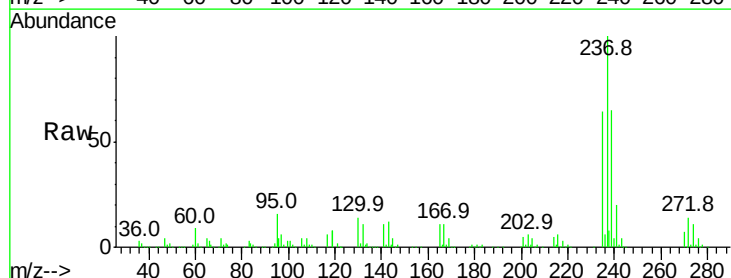
Tgt Ion:237 Resp: 223418

Ion Ratio Lower Upper

237 100

235 63.6 50.4 90.4

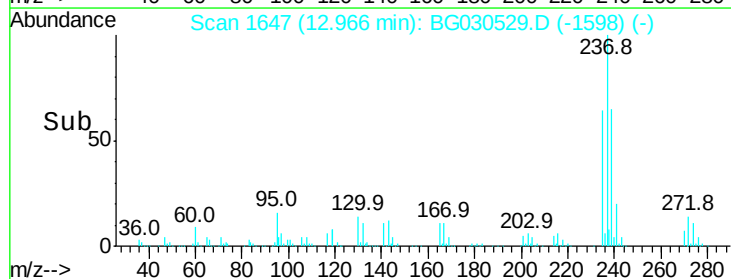
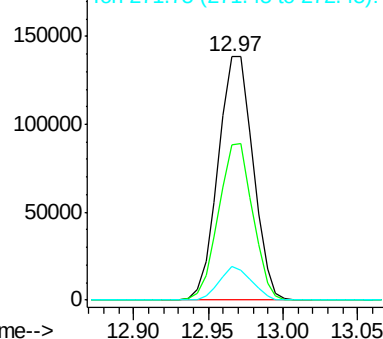
272 13.7 0.0 31.8

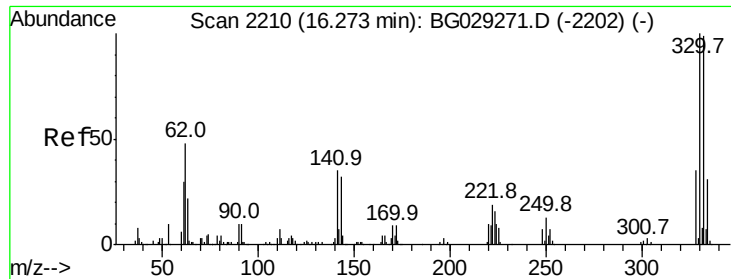


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

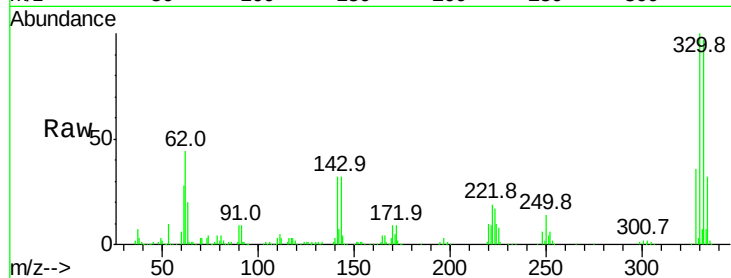




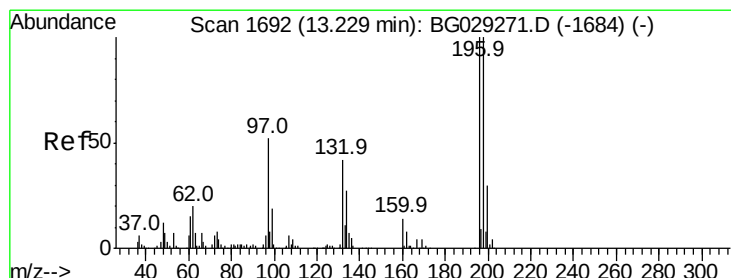
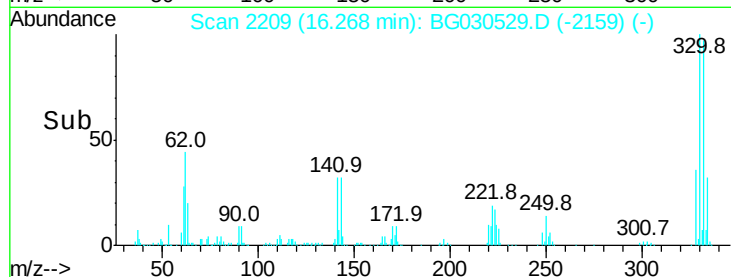
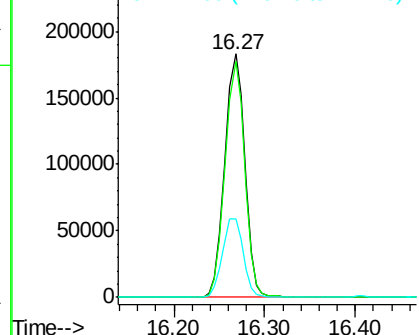
#41
 2,4,6-Tribromophenol
 Concen: 111.961 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	77.0	115.6
141	33.4	25.2	37.8

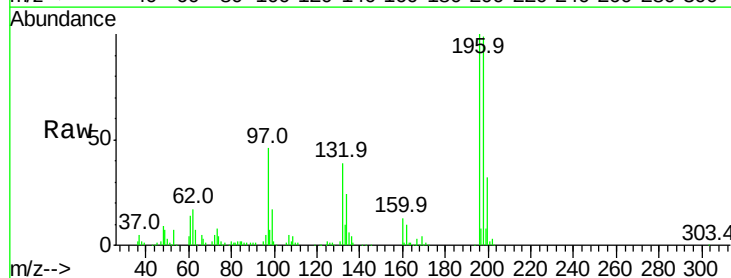


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

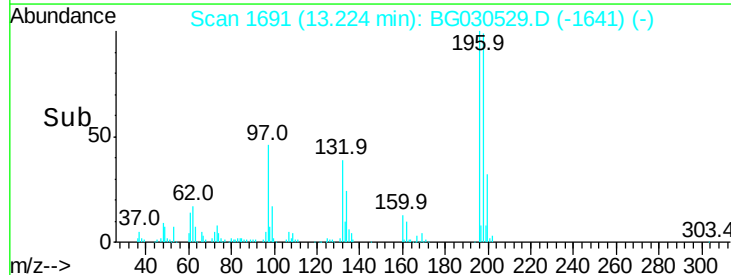
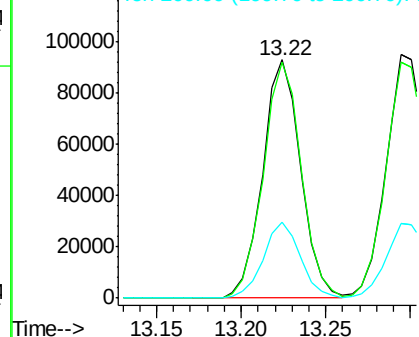


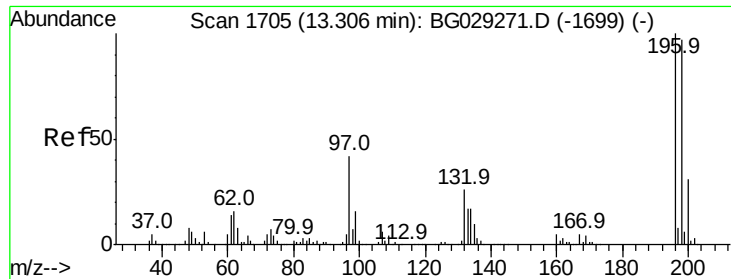
#42
 2,4,6-Trichlorophenol
 Concen: 32.517 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.2	117.2
200	32.1	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

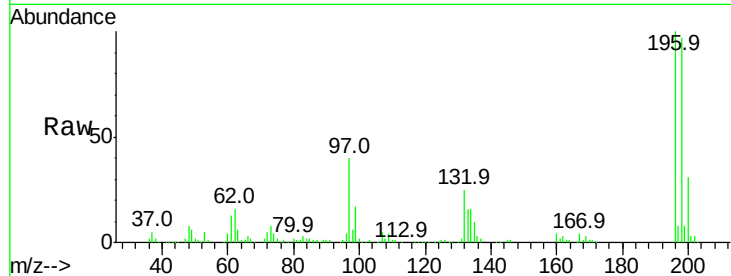




#43
 2,4,5-Trichlorophenol
 Concen: 34.832 ng
 RT: 13.29 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.1	76.2	114.4
97	40.0	38.7	58.1
132	24.9	20.2	30.2



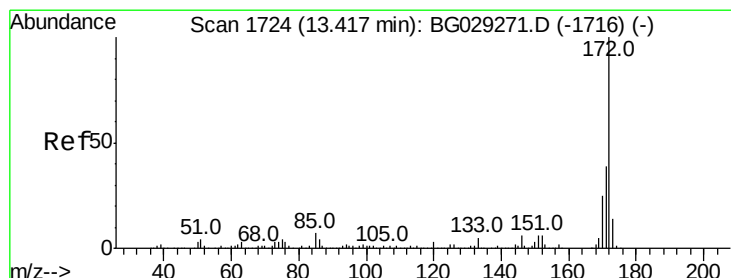
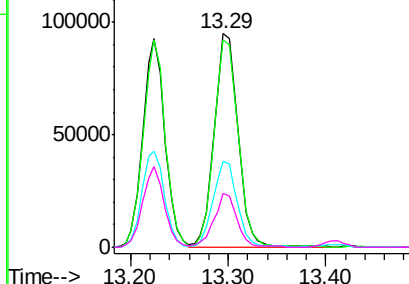
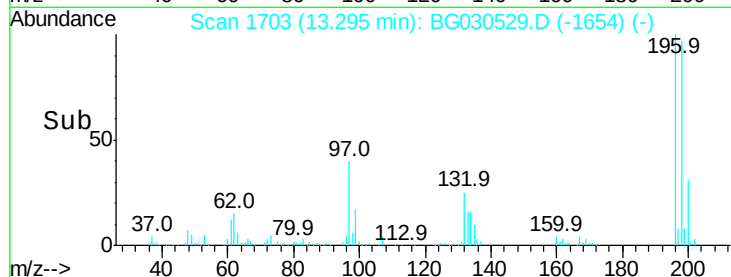
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

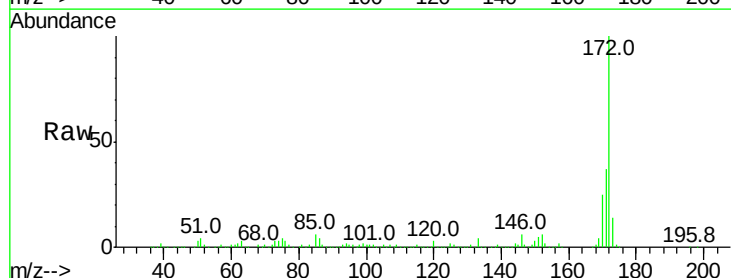
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 66.176 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.7	19.5	29.3

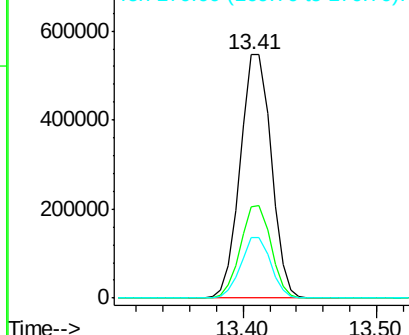
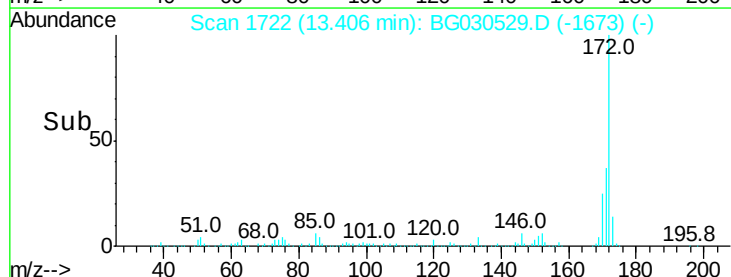


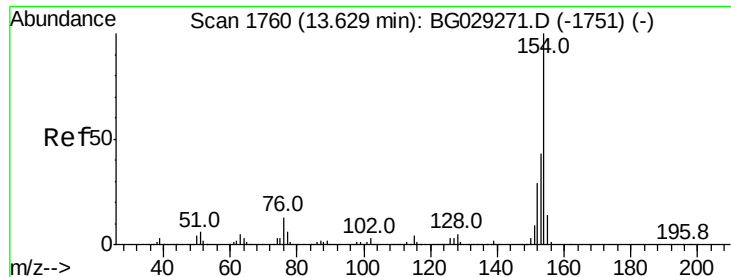
Abundance

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: 28.541 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

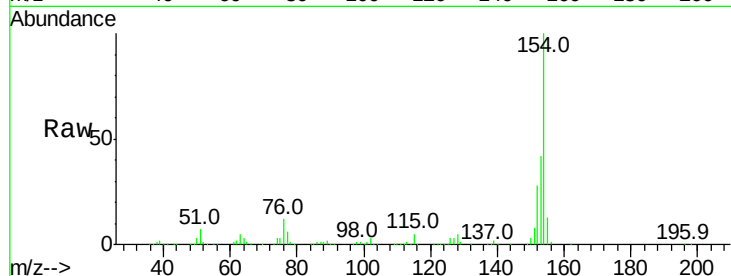
Tot Ion:154 Resp: 477649

Ion Ratio Lower Upper

154 100

153 41.9 19.8 59.8

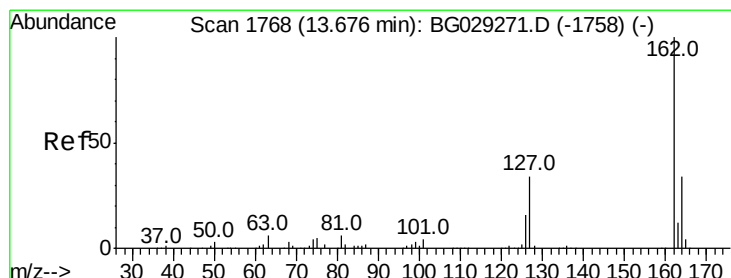
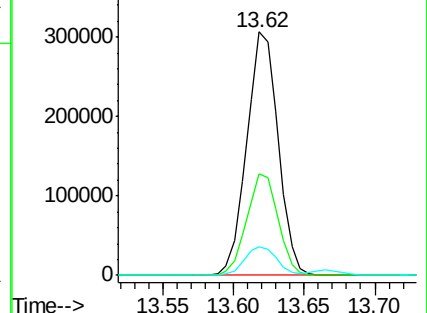
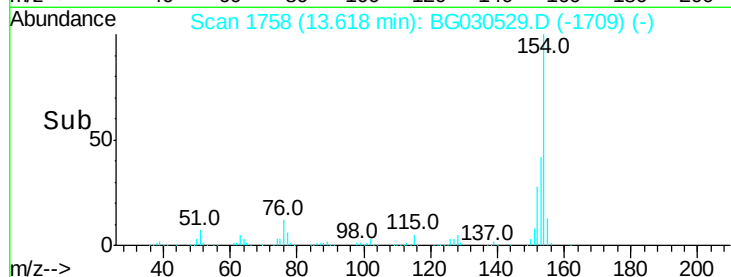
76 12.0 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 30.077 ng

RT: 13.66 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

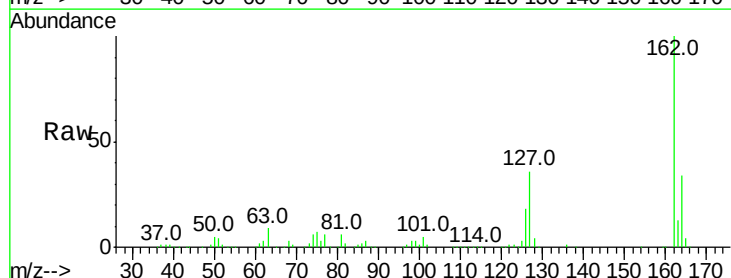
Tgt Ion:162 Resp: 367150

Ion Ratio Lower Upper

162 100

127 36.4 30.7 46.1

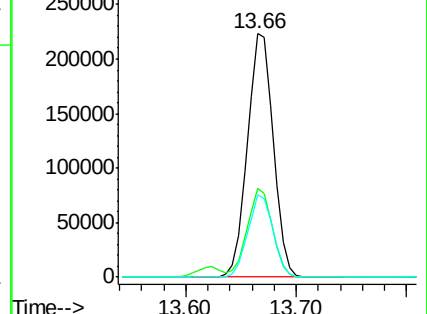
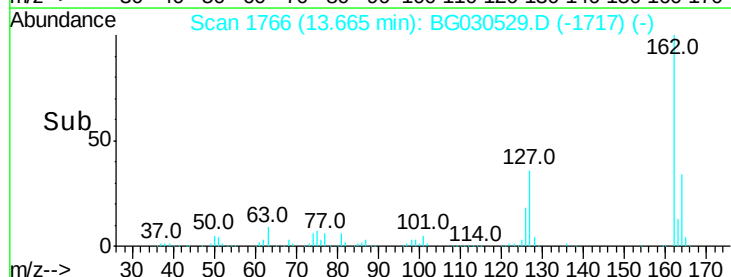
164 33.8 26.0 39.0

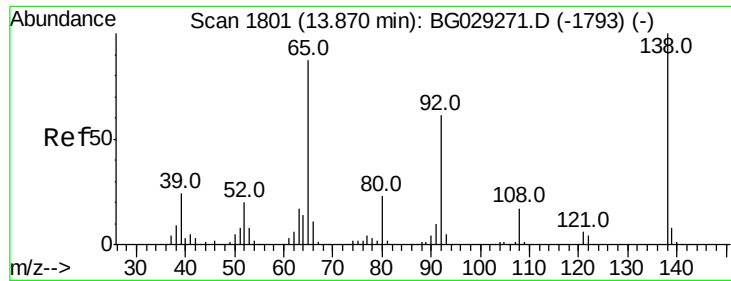


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

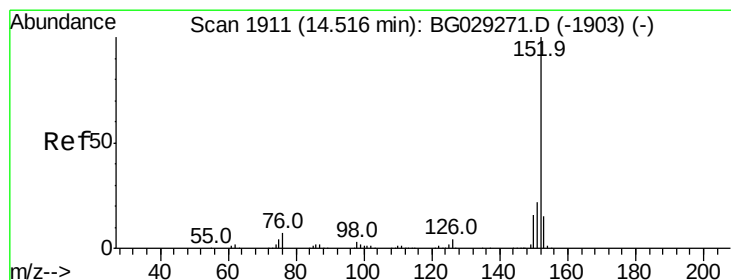
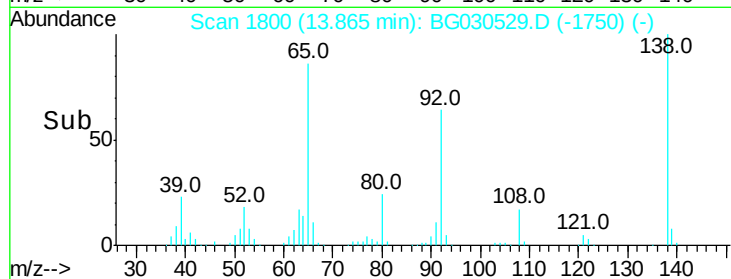
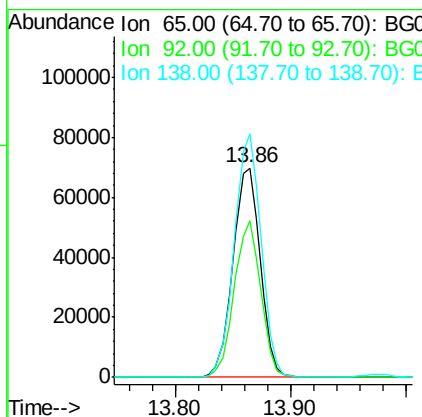
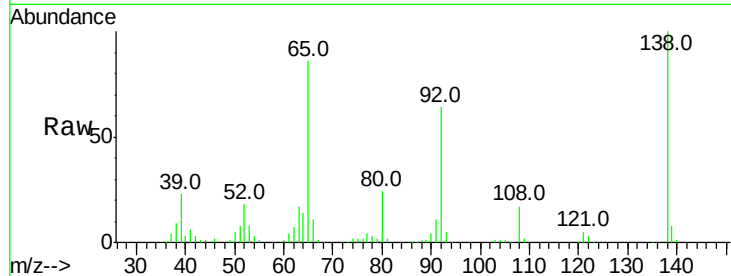




#47
 2-Nitroaniline
 Concen: 34.130 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

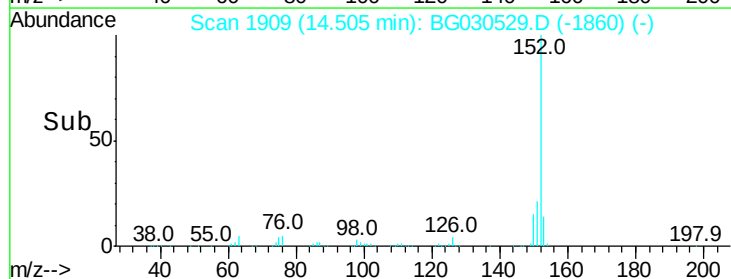
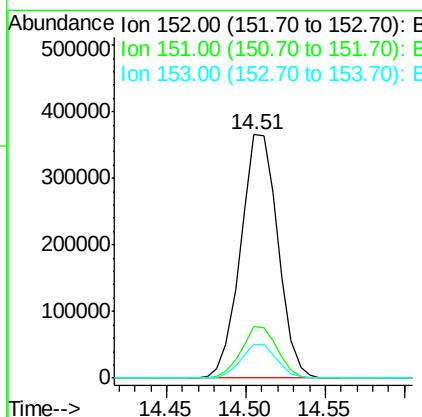
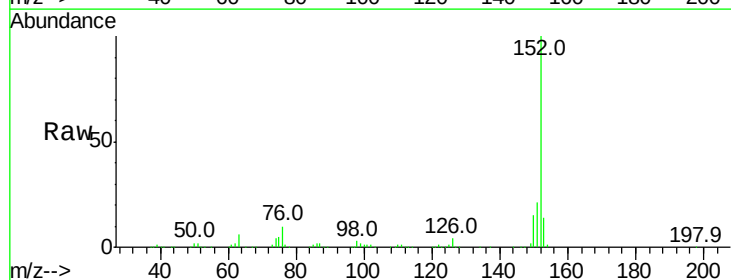
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

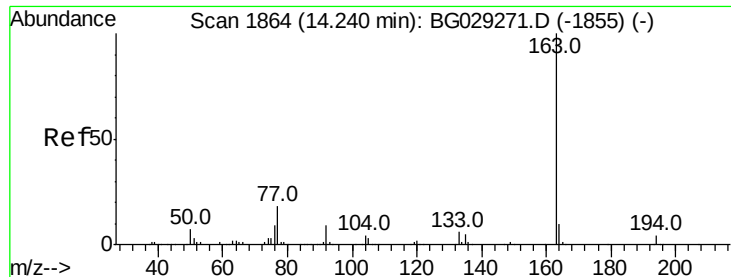
Tot Ion: 65 Resp: 114434
 Ion Ratio Lower Upper
 65 100
 92 74.7 54.6 82.0
 138 116.4 72.9 109.3#



#48
 Acenaphthylene
 Concen: 31.188 ng
 RT: 14.51 min Scan# 1909
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion: 152 Resp: 595833
 Ion Ratio Lower Upper
 152 100
 151 21.4 17.2 25.8
 153 14.1 10.2 15.4





#49

Dimethylphthalate

Concen: 34.067 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

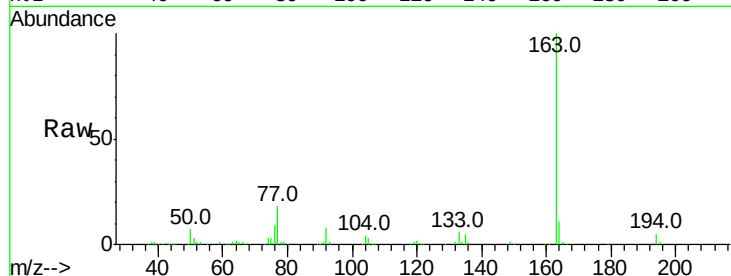
Tot Ion:163 Resp: 517522

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

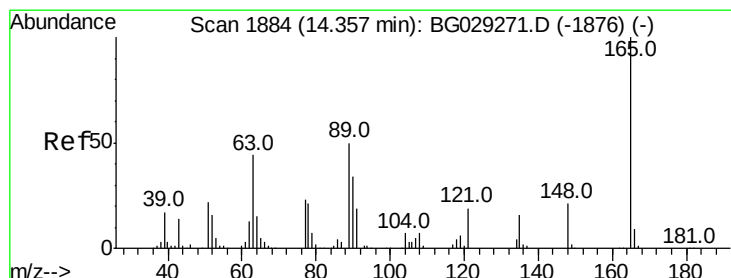
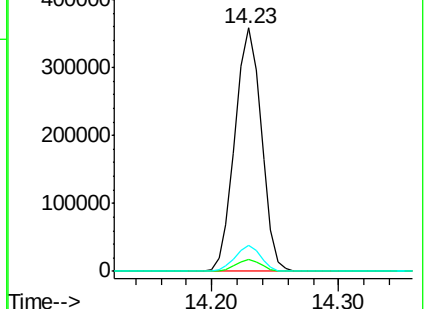
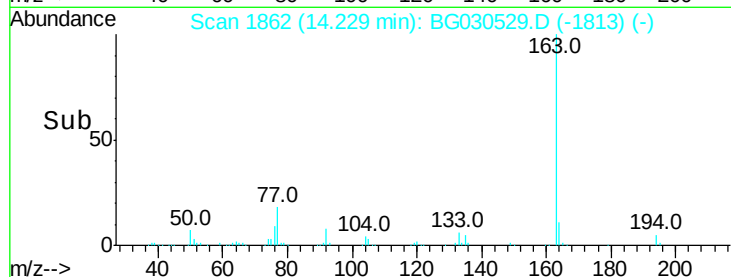
164 10.5 8.2 12.4



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: 35.923 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

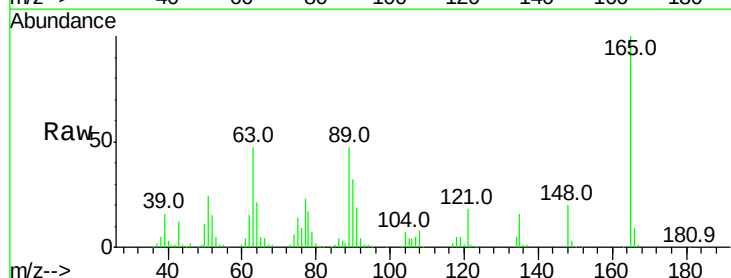
Tgt Ion:165 Resp: 114399

Ion Ratio Lower Upper

165 100

63 47.0 52.7 79.1#

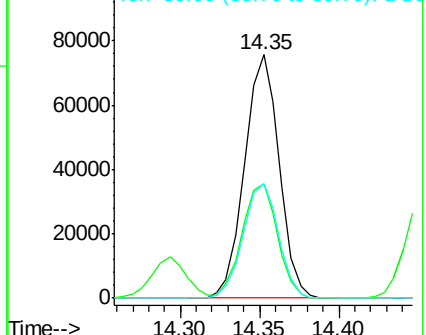
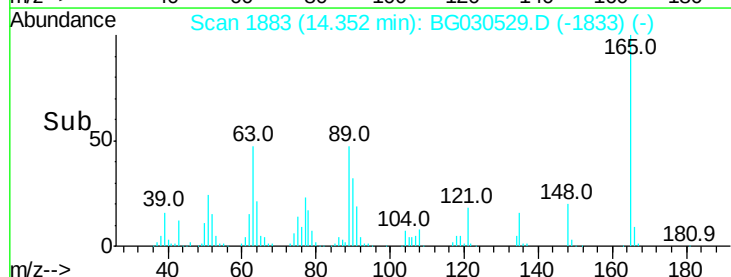
89 47.2 49.2 73.8#

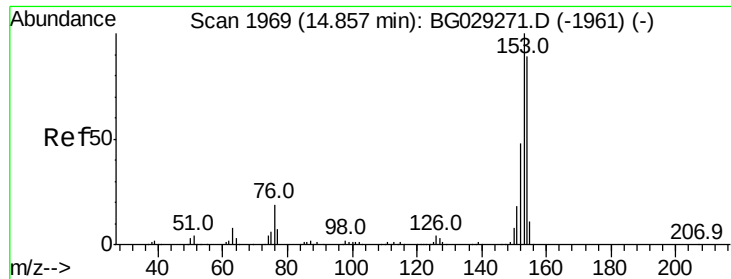


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 29.008 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

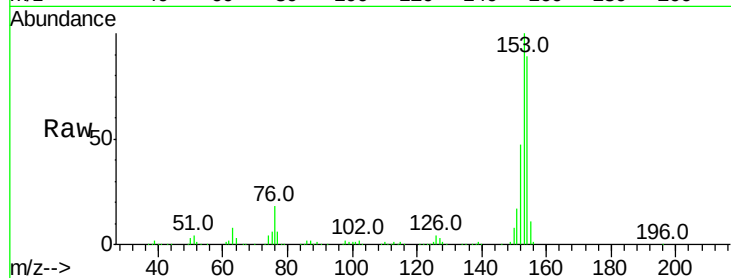
Tot Ion:154 Resp: 360566

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

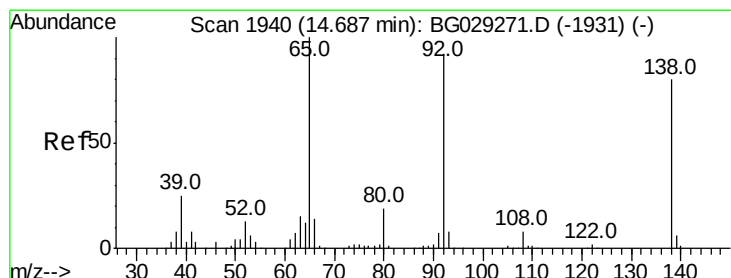
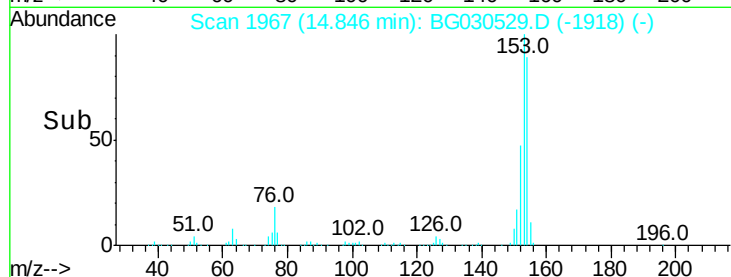
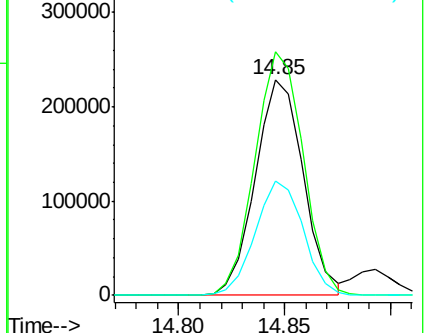
152 52.8 41.6 62.4



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: 18.396 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

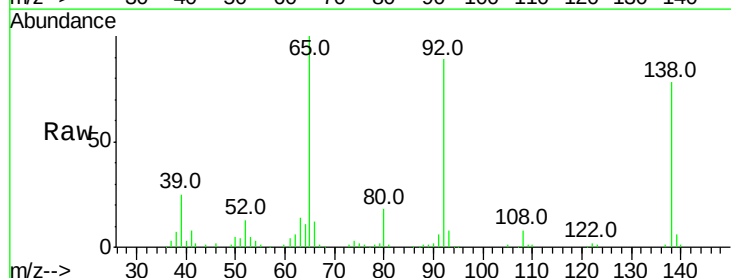
Tgt Ion:138 Resp: 63216

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

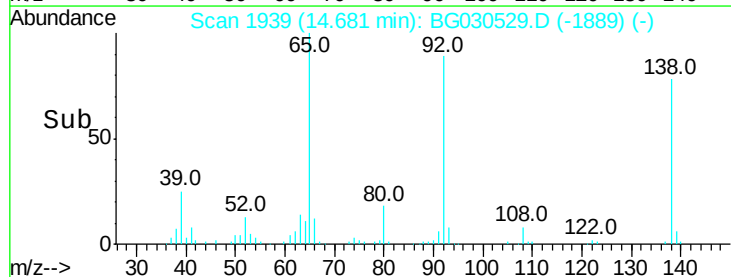
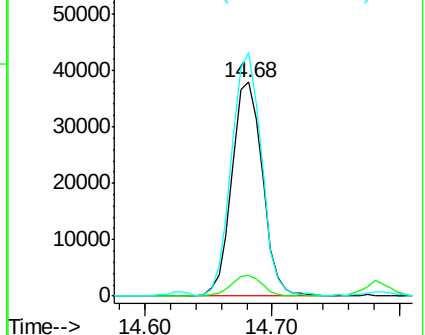
92 113.9 105.8 158.8

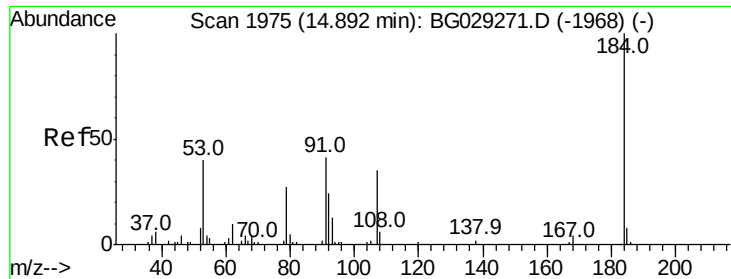


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

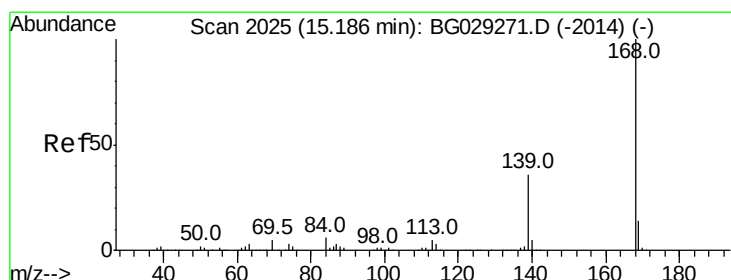
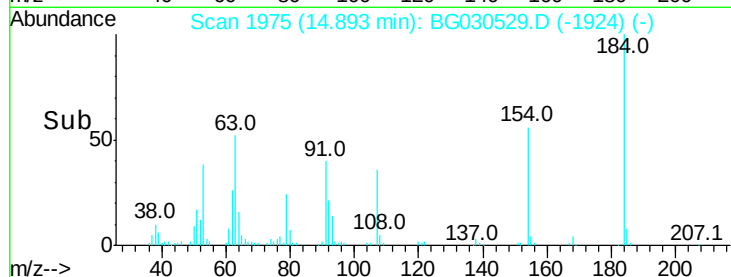
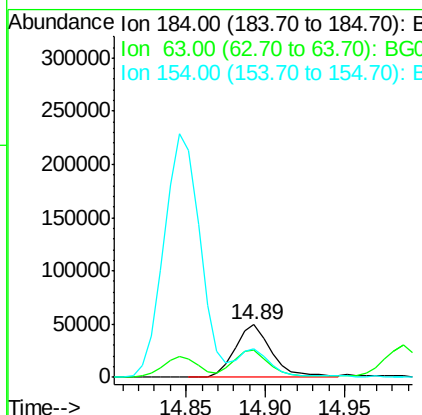
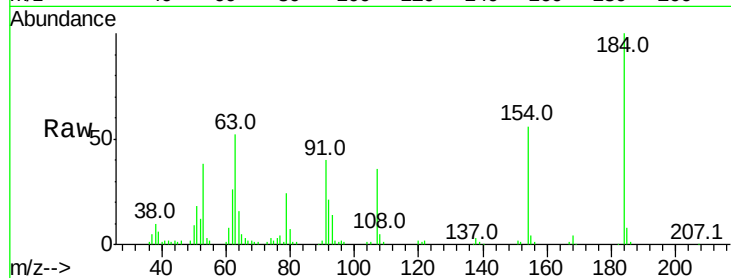




#53
 2,4-Dinitrophenol
 Concen: 48.026 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

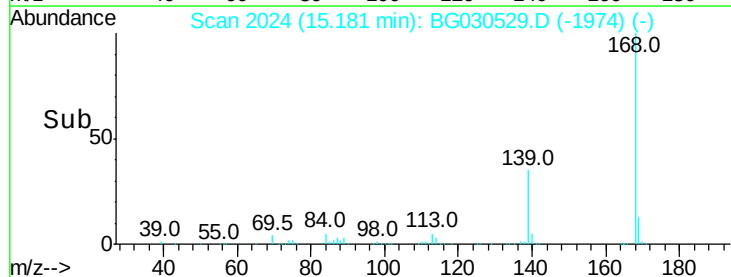
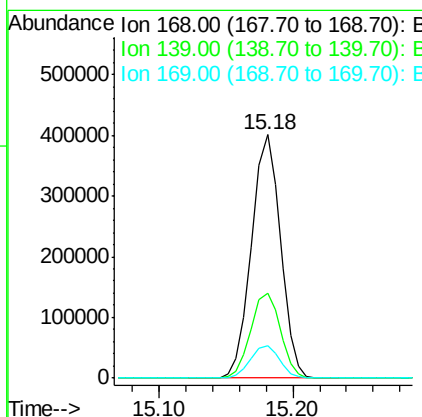
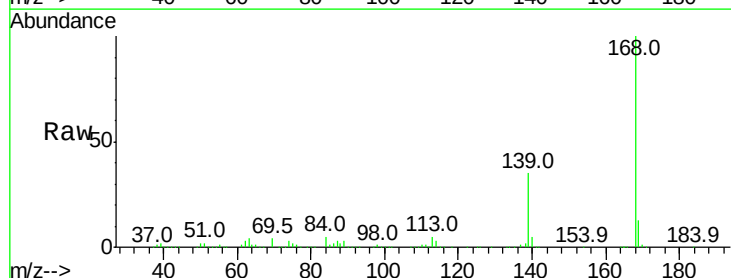
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

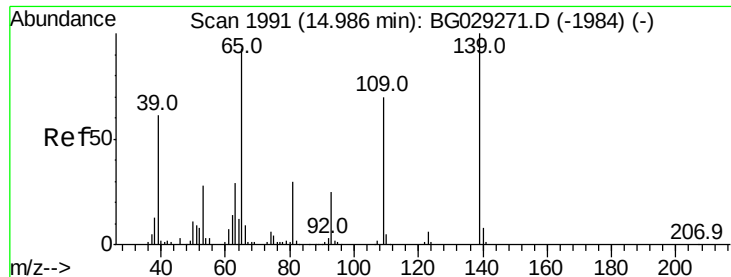
Tot Ion:184 Resp: 79152
 Ion Ratio Lower Upper
 184 100
 63 52.2 59.8 89.8#
 154 55.8 101.8 152.8#



#54
 Dibenzofuran
 Concen: 33.836 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion:168 Resp: 600415
 Ion Ratio Lower Upper
 168 100
 139 34.9 28.6 43.0
 169 13.4 11.2 16.8





#55

4-Nitrophenol

Concen: 62.964 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

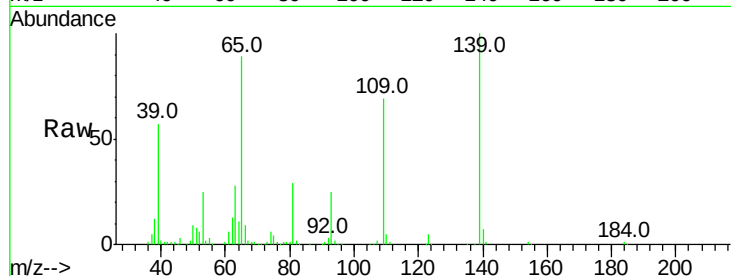
Tot Ion:139 Resp: 178379

Ion Ratio Lower Upper

139 100

109 68.7 62.2 102.2

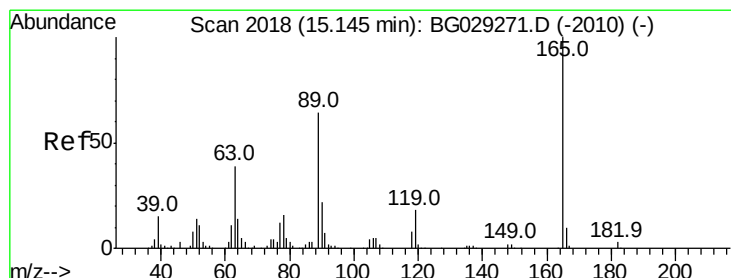
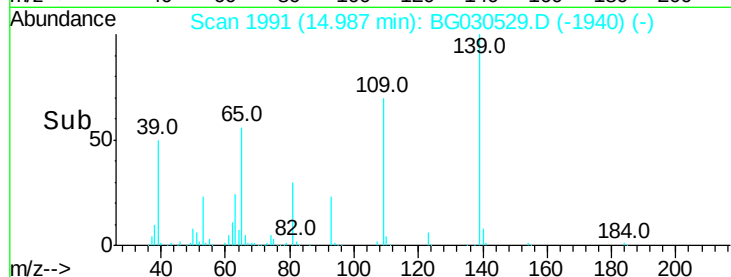
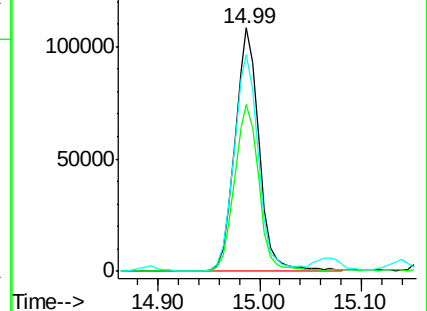
65 89.1 97.2 137.2#



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: 37.252 ng

RT: 15.14 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:165 Resp: 160592

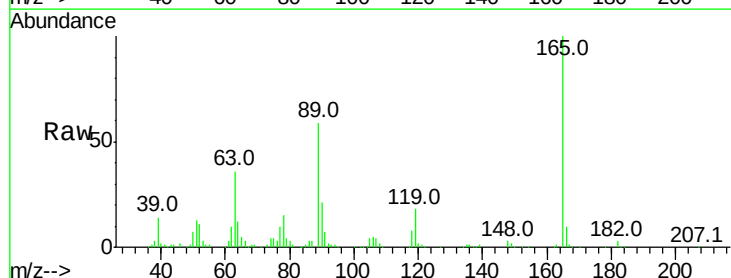
Ion Ratio Lower Upper

165 100

63 36.1 42.0 63.0#

89 59.0 66.9 100.3#

182 3.1 2.6 3.8

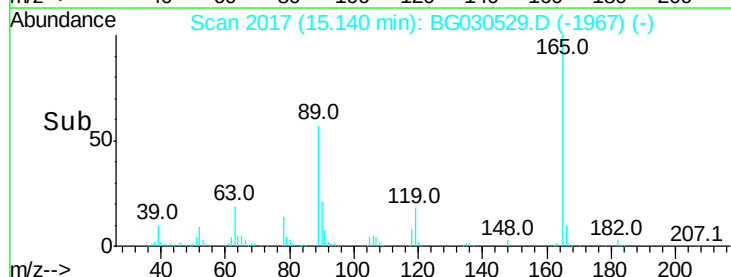
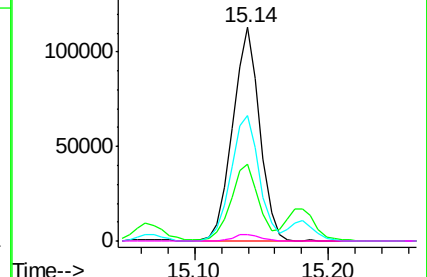


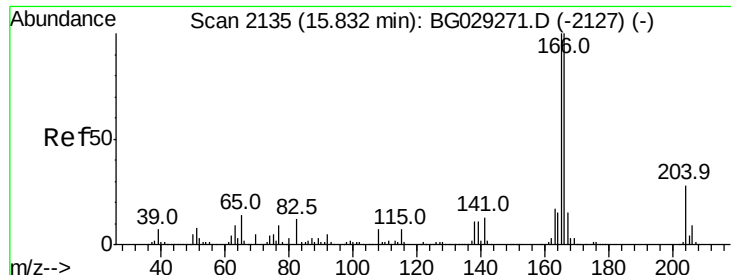
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.162 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

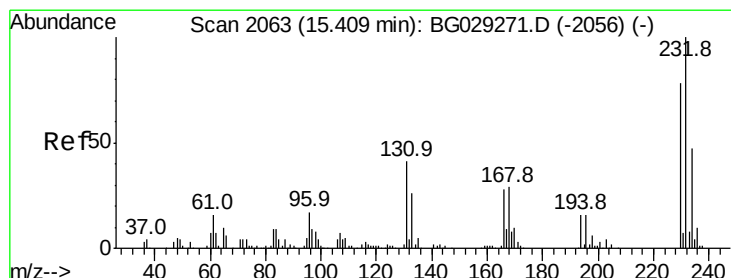
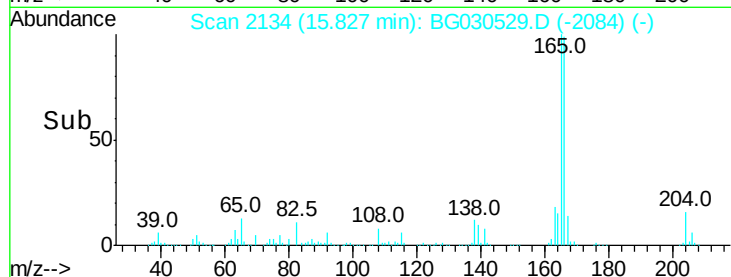
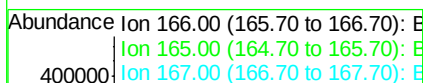
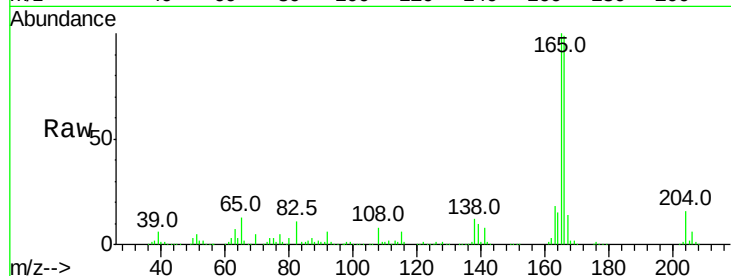
Tot Ion:166 Resp: 471463

Ion Ratio Lower Upper

166 100

165 100.8 80.6 121.0

167 14.3 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.133 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:232 Resp: 153449

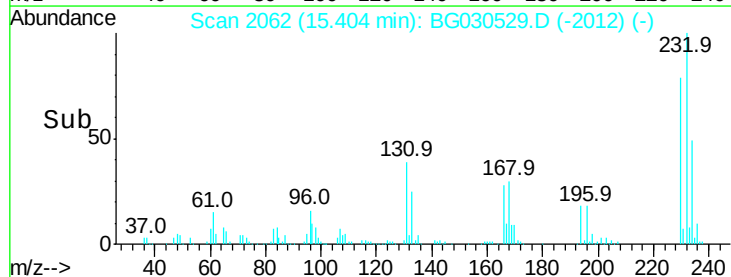
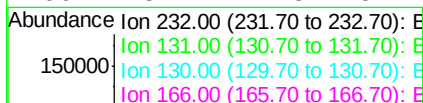
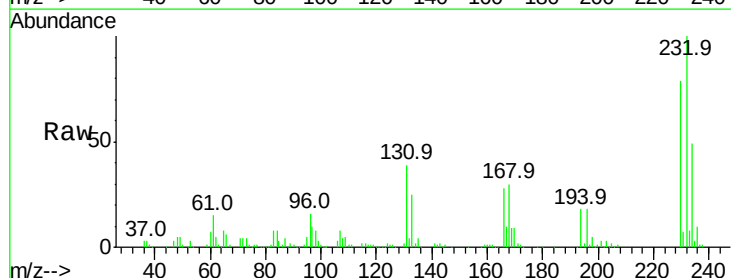
Ion Ratio Lower Upper

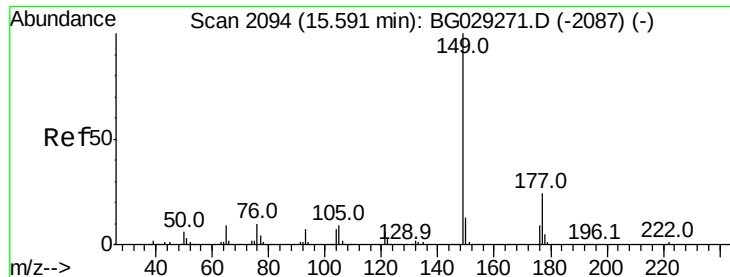
232 100

131 36.7 33.5 50.3

130 2.2 2.2 3.2

166 28.7 24.8 37.2

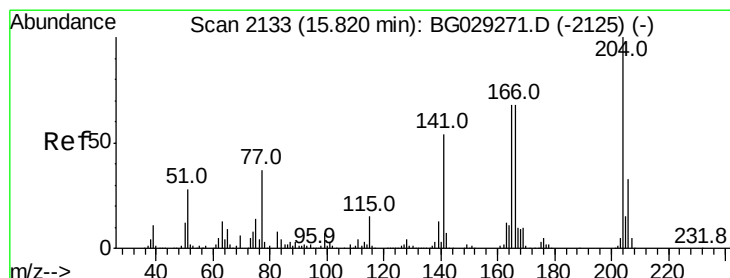
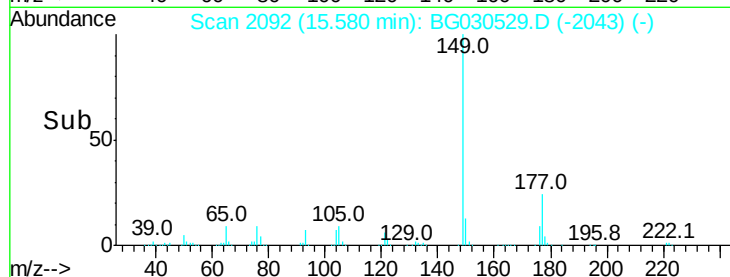
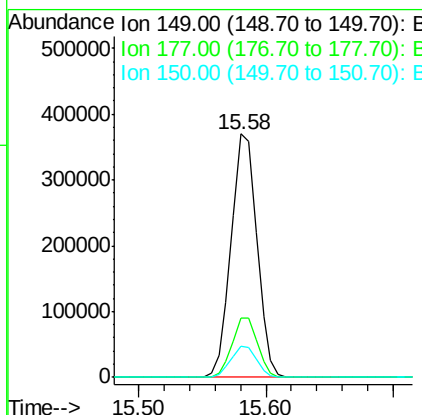
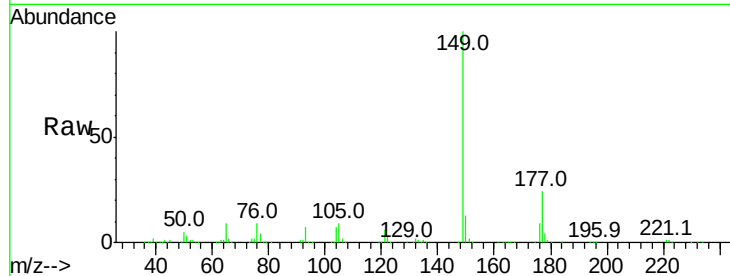




#59
Diethylphthalate
Concen: 34.284 ng
RT: 15.58 min Scan# 2092
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

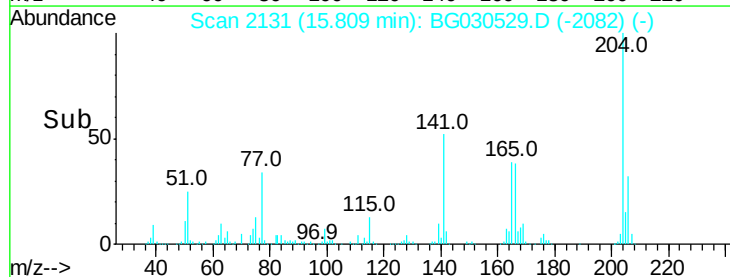
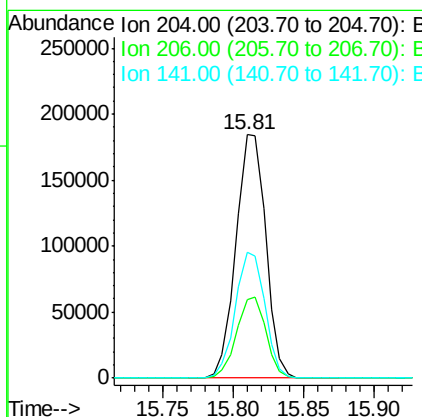
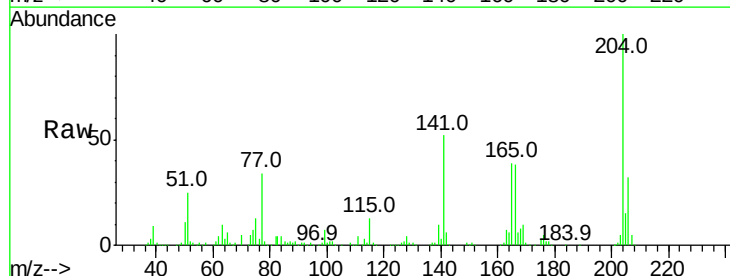
Instrument :
BNA_G
ClientSampleId :
PB103644BS

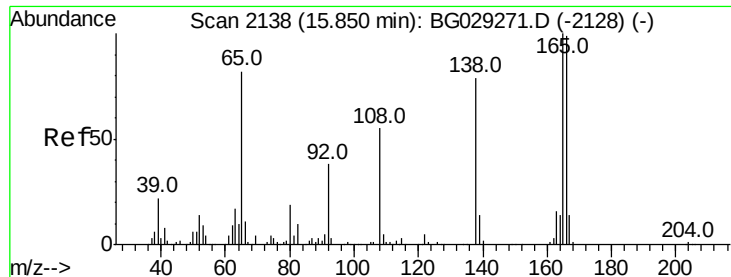
Tot Ion:	149	Resp:	519045
Ion	Ratio	Lower	Upper
149	100		
177	24.2	18.5	27.7
150	12.9	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 34.807 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:	204	Resp:	272042
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.2	39.2
141	51.7	45.8	68.6

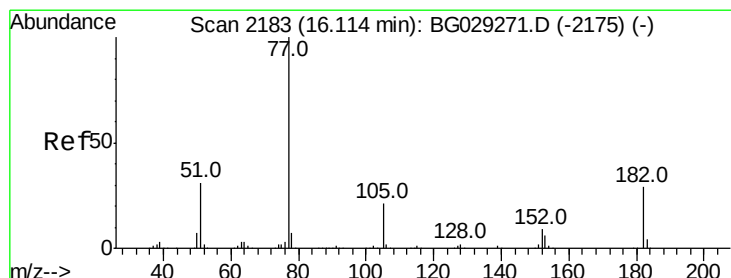
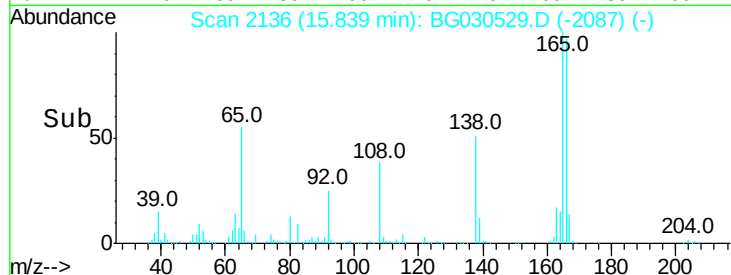
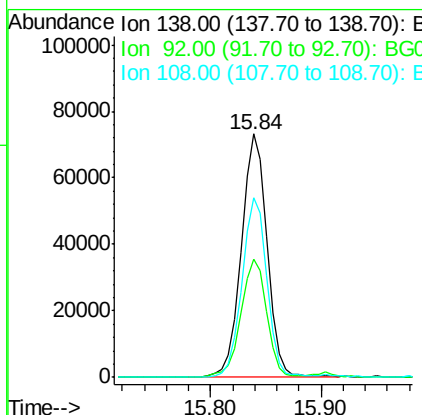
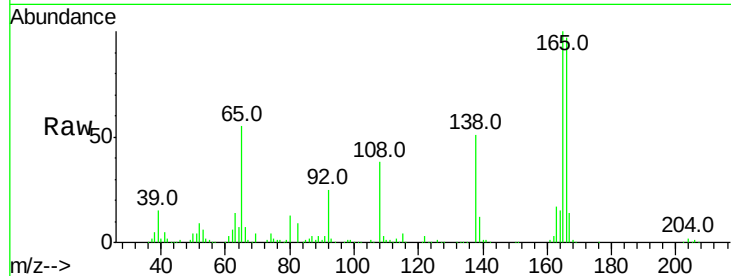




#61
4-Nitroaniline
Concen: 34.022 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

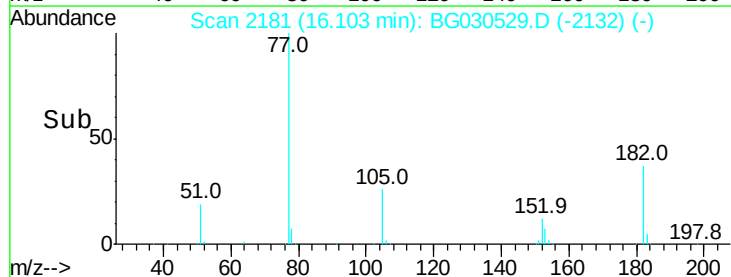
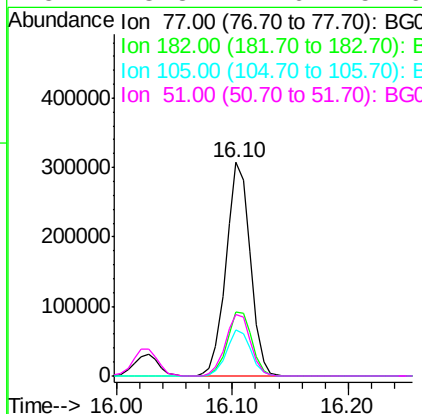
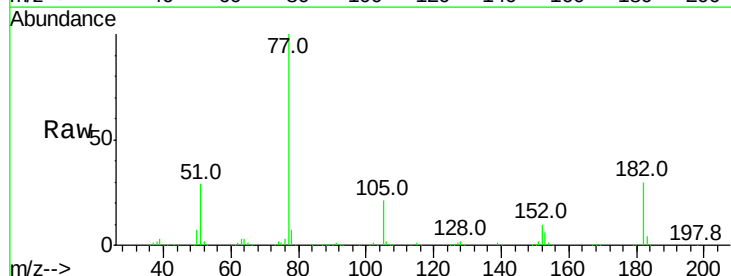
Instrument :
BNA_G
ClientSampleID :
PB103644BS

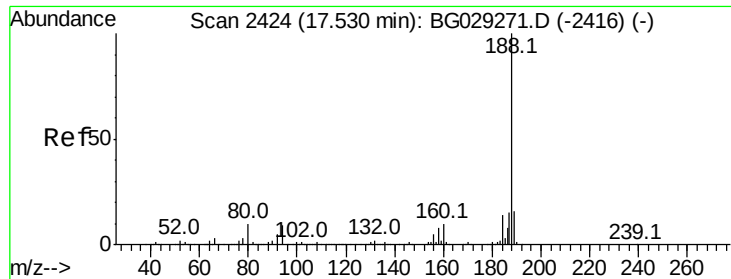
Tot Ion:138 Resp: 120048
Ion Ratio Lower Upper
138 100
92 48.5 40.1 80.1
108 73.7 65.4 105.4



#62
Azobenzene
Concen: 34.838 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion: 77 Resp: 444765
Ion Ratio Lower Upper
77 100
182 29.8 7.4 47.4
105 21.5 0.3 40.3
51 28.8 11.6 51.6

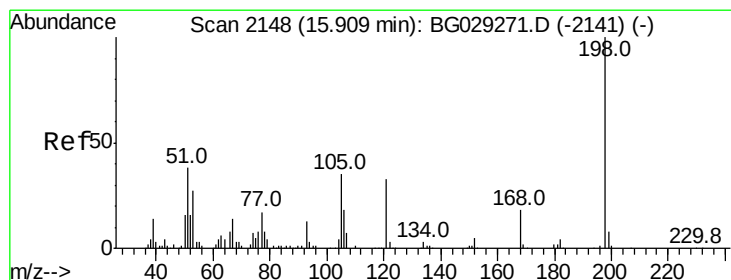
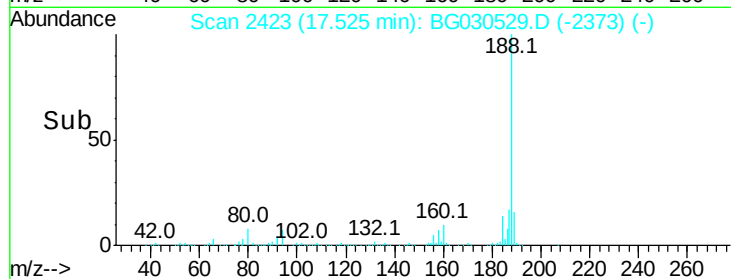
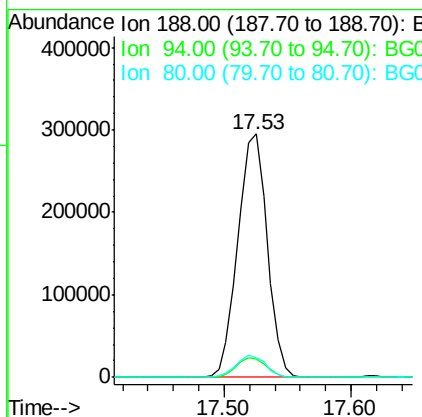
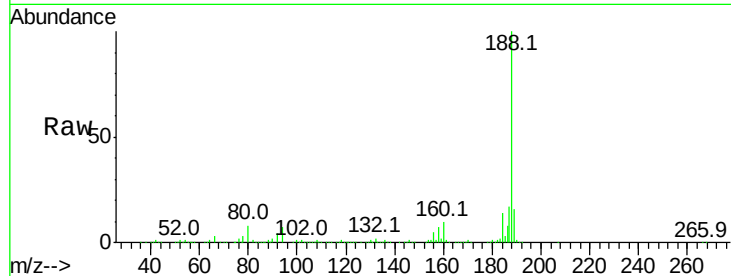




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.53 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

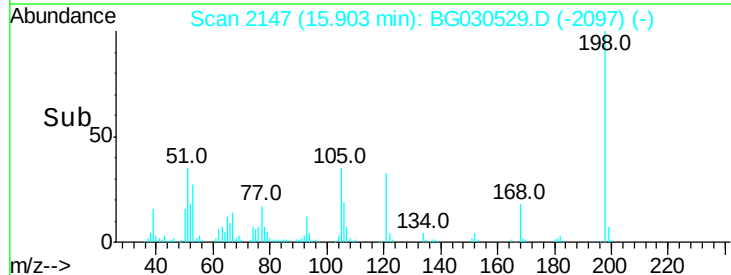
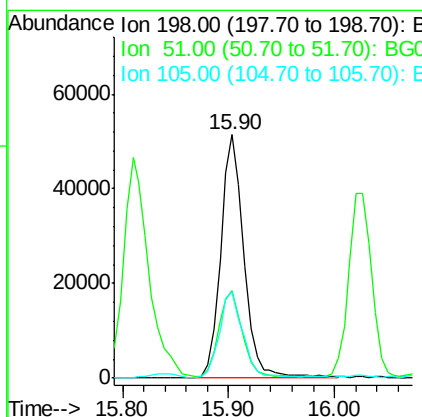
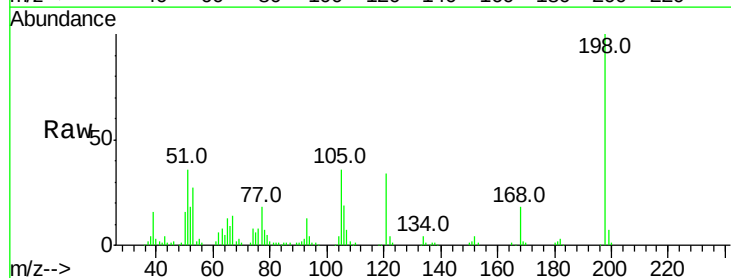
Instrument :
 BNA_G
 ClientSampleId :
 PB103644BS

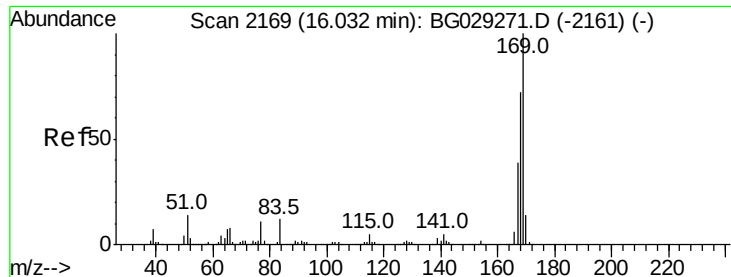
Tot Ion:188 Resp: 473891
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.9 10.3
 80 8.2 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 31.104 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG030529.D
 Acq: 28 Oct 2017 16:02

Tgt Ion:198 Resp: 78526
 Ion Ratio Lower Upper
 198 100
 51 35.8 30.6 70.6
 105 35.6 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 31.267 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

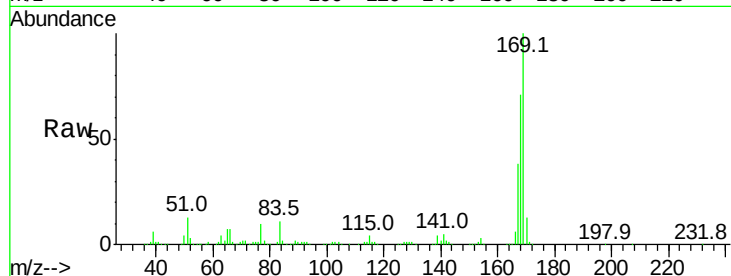
Tot Ion:169 Resp: 443862

Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

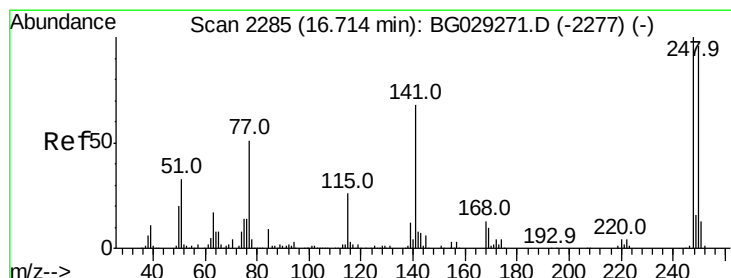
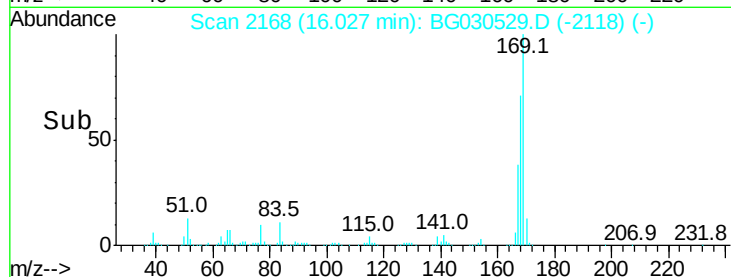
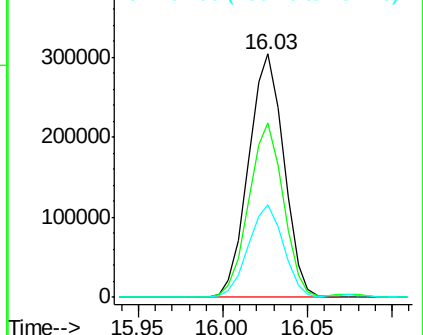
167 38.1 30.1 45.1



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: 32.024 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

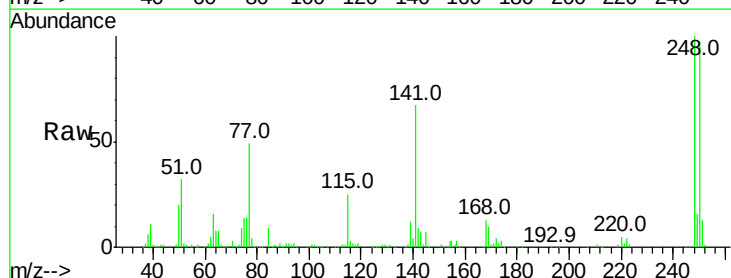
Tgt Ion:248 Resp: 174138

Ion Ratio Lower Upper

248 100

250 96.8 77.1 115.7

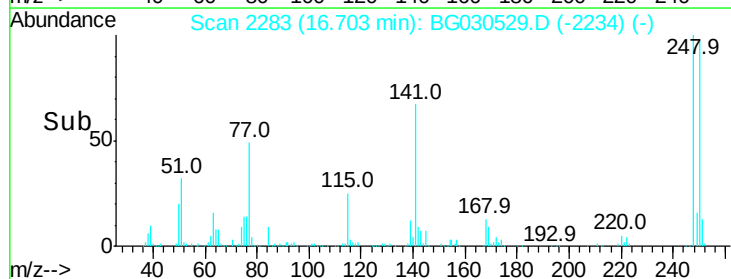
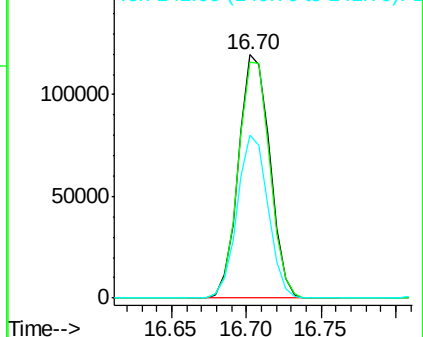
141 67.0 50.8 76.2

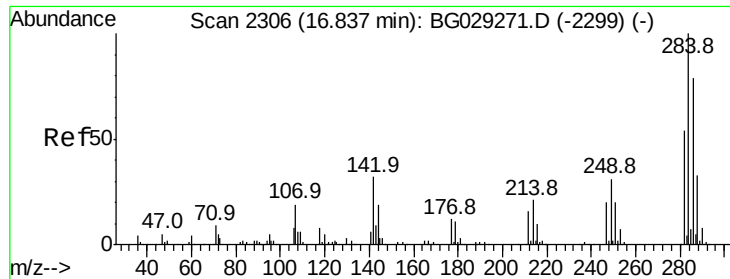


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

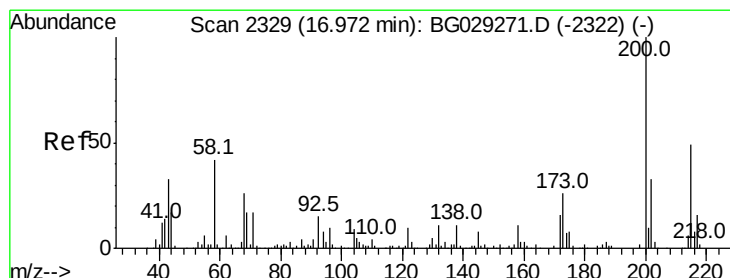
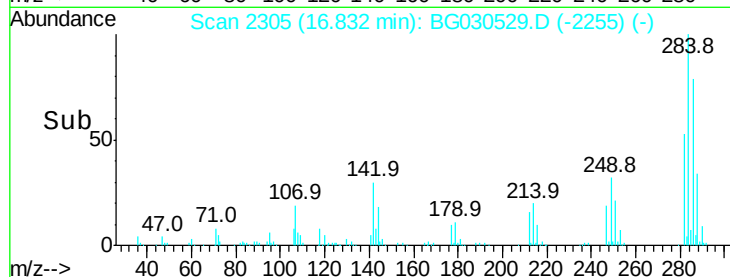
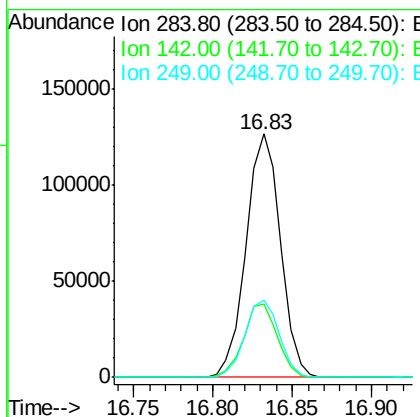
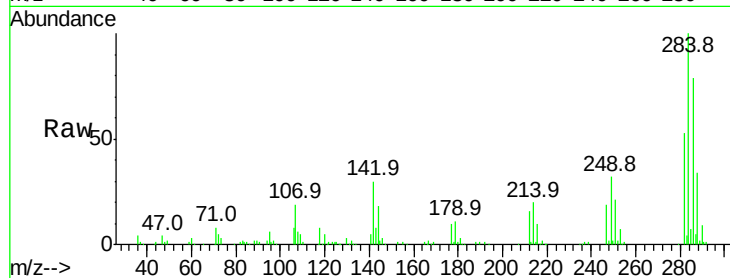




#67
Hexachlorobenzene
Concen: 30.875 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

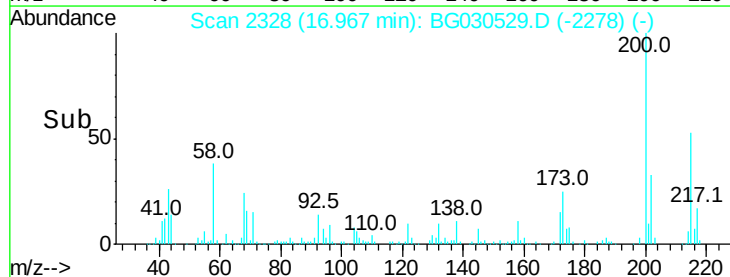
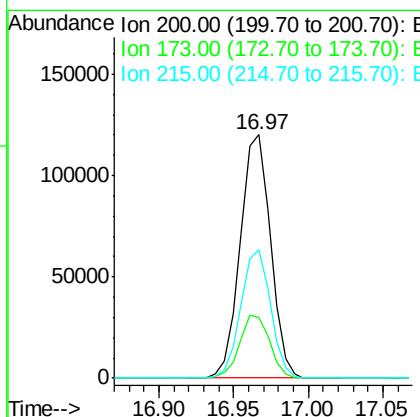
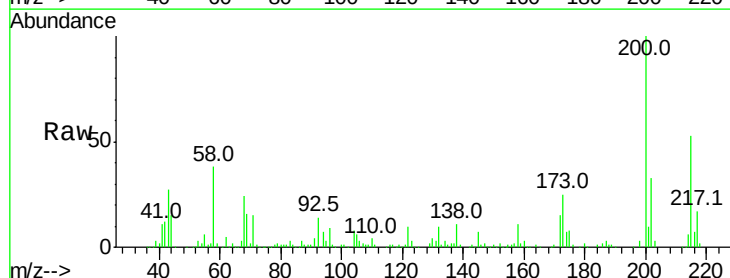
Instrument :
BNA_G
ClientSampleId :
PB103644BS

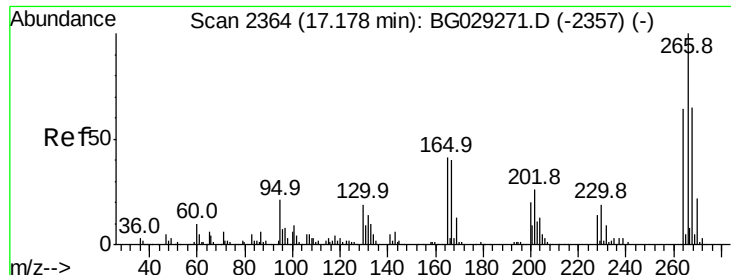
Tot Ion:284 Resp: 190176
Ion Ratio Lower Upper
284 100
142 30.1 26.8 40.2
249 31.9 26.3 39.5



#68
Atrazine
Concen: 33.399 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:200 Resp: 169173
Ion Ratio Lower Upper
200 100
173 25.1 5.2 45.2
215 52.6 30.4 70.4





#69

Pentachlorophenol

Concen: 57.537 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

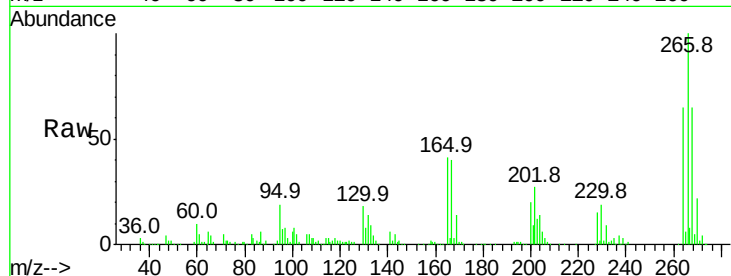
Tot Ion:266 Resp: 203586

Ion Ratio Lower Upper

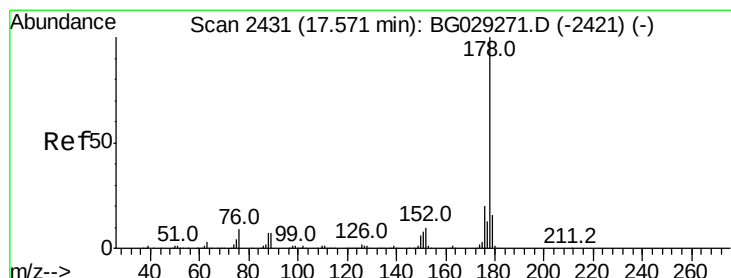
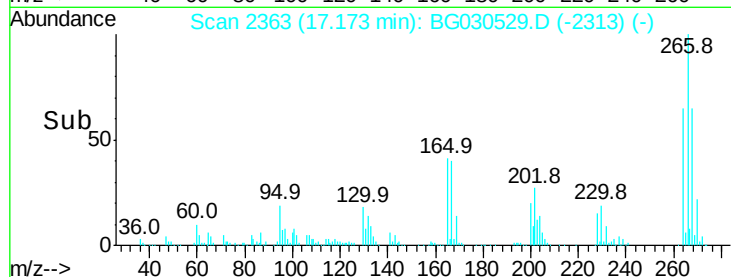
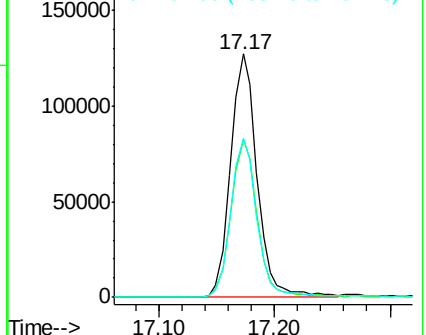
266 100

268 65.0 51.1 76.7

264 65.1 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: 32.152 ng

RT: 17.57 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

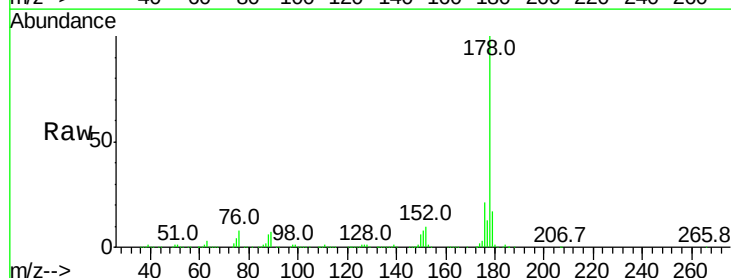
Tgt Ion:178 Resp: 787132

Ion Ratio Lower Upper

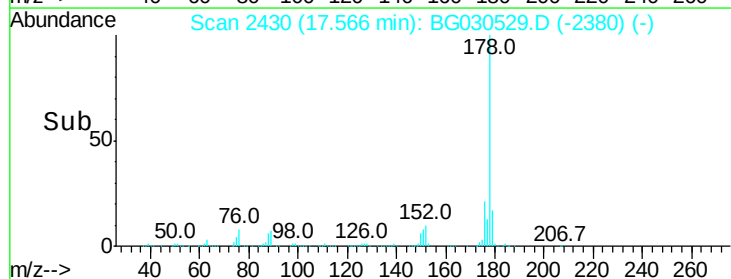
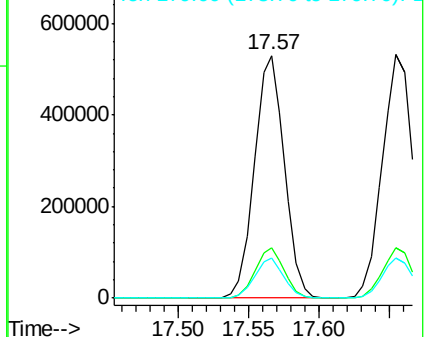
178 100

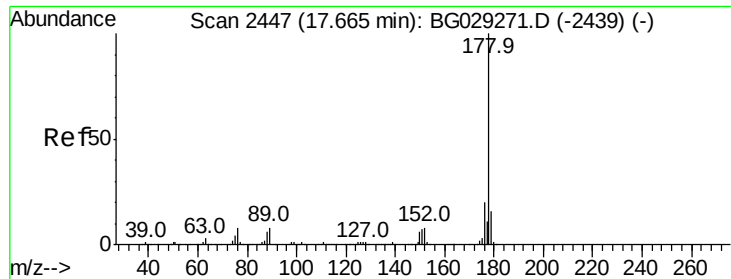
176 20.7 15.7 23.5

179 16.7 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: 32.626 ng

RT: 17.65 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

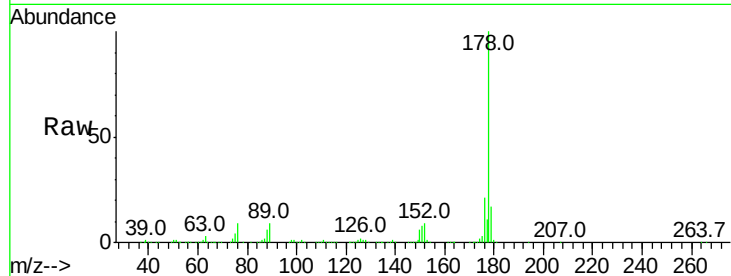
Tot Ion:178 Resp: 802017

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

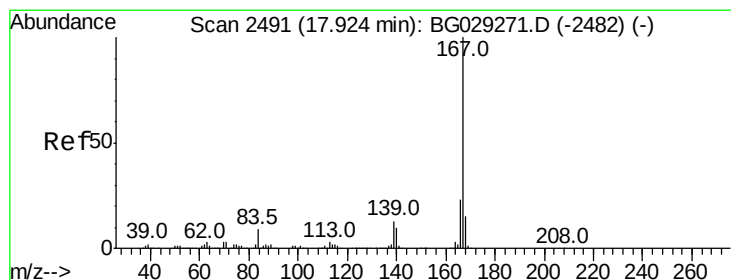
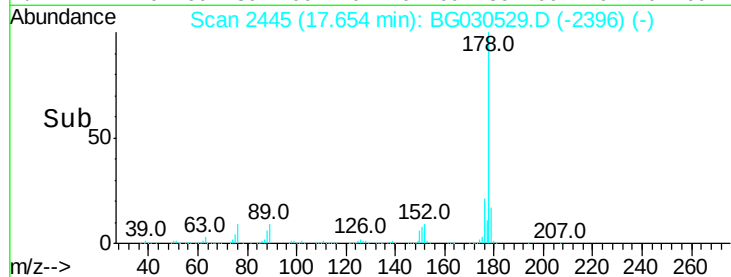
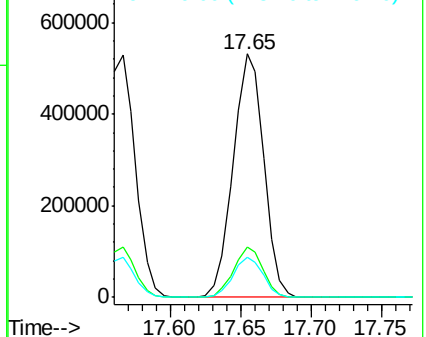
179 16.6 12.5 18.7



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: 31.103 ng

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

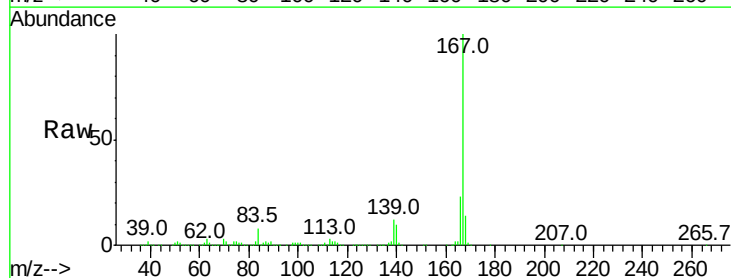
Tgt Ion:167 Resp: 734469

Ion Ratio Lower Upper

167 100

166 23.3 18.2 27.4

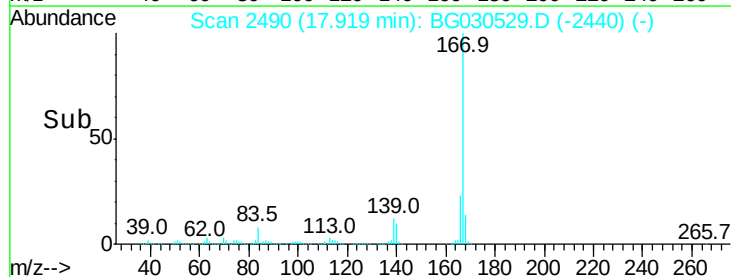
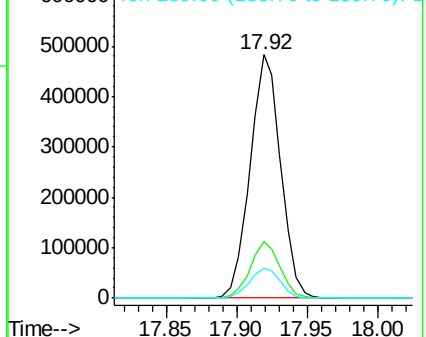
139 12.1 9.4 14.2

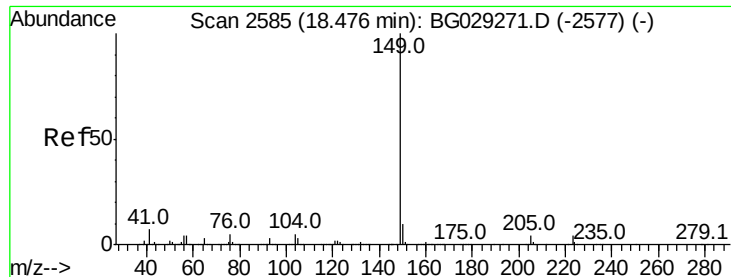


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

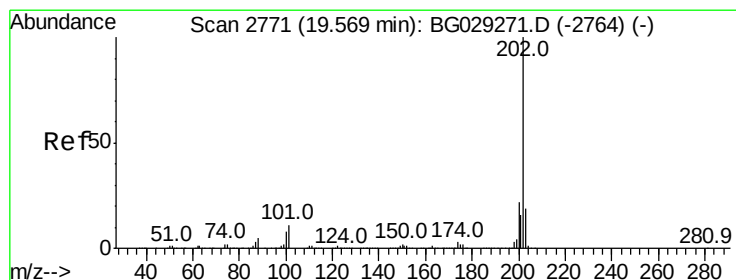
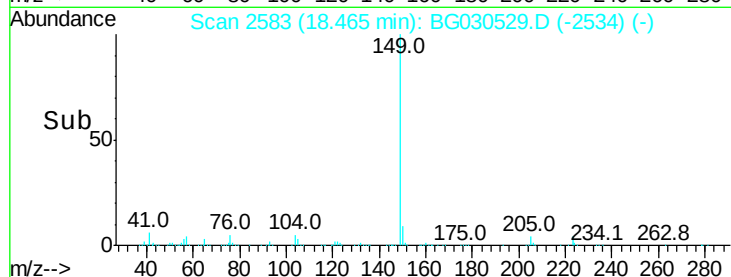
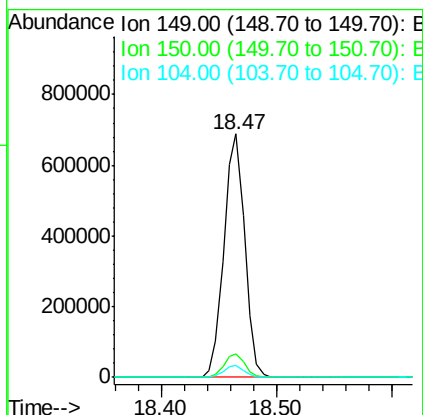
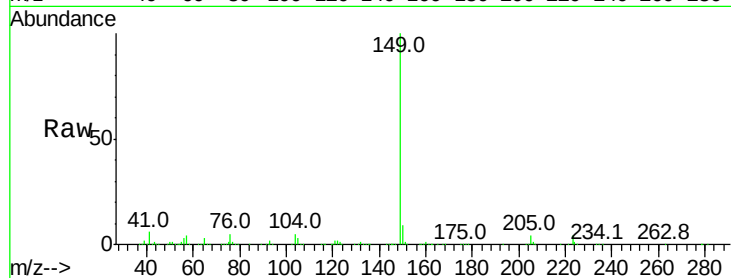




#73
Di-n-butylphthalate
Concen: 31.571 ng
RT: 18.47 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

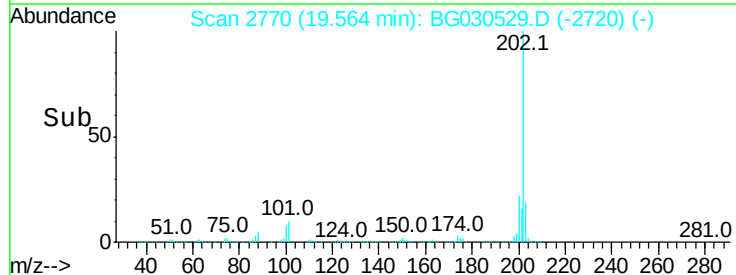
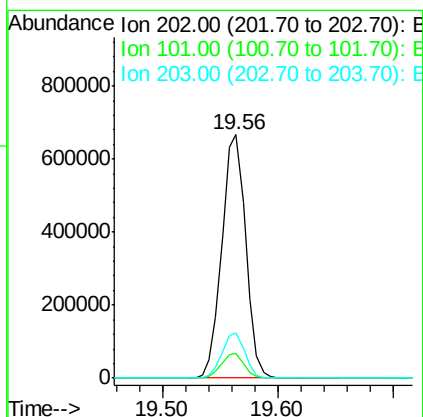
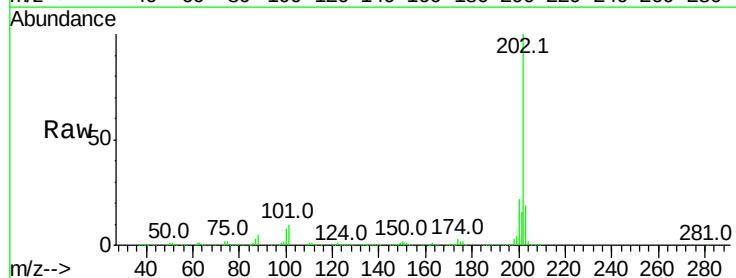
Instrument :
BNA_G
ClientSampleId :
PB103644BS

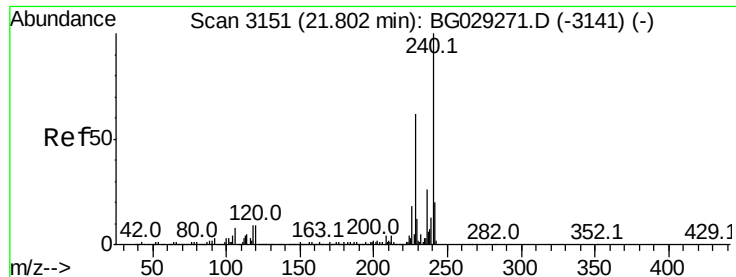
Tot Ion:149 Resp: 857456
Ion Ratio Lower Upper
149 100
150 9.5 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 33.258 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:202 Resp: 952302
Ion Ratio Lower Upper
202 100
101 10.2 0.0 28.9
203 18.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

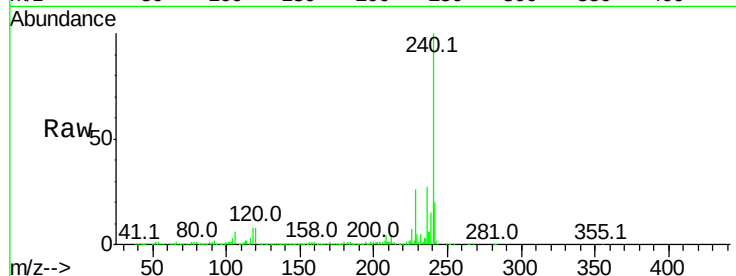
Tot Ion:240 Resp: 499881

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

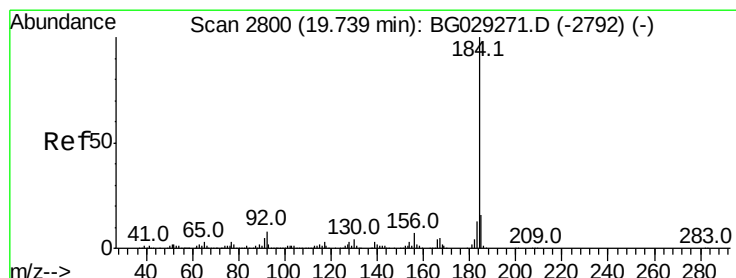
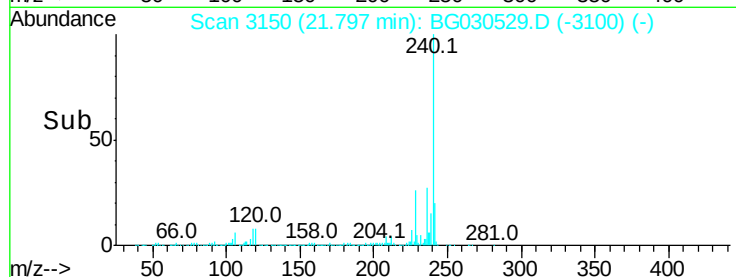
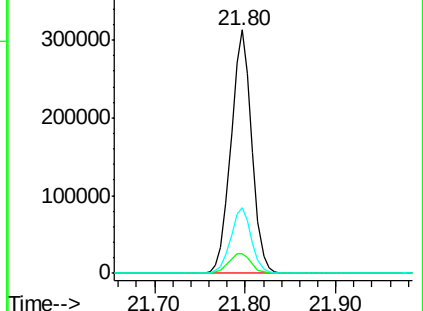
236 26.8 20.9 31.3



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: 20.017 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

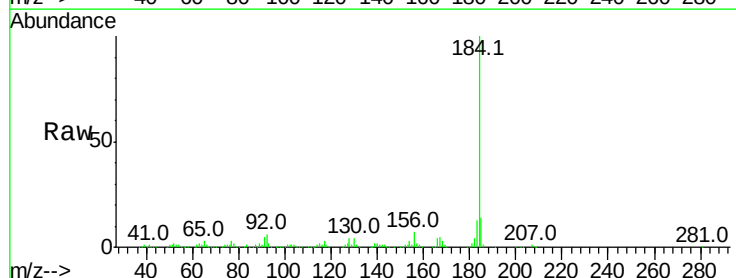
Tgt Ion:184 Resp: 302118

Ion Ratio Lower Upper

184 100

185 14.5 11.1 16.7

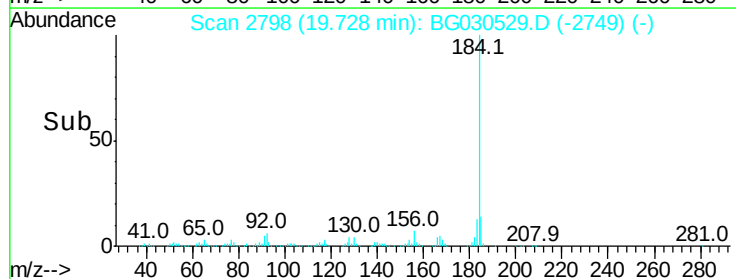
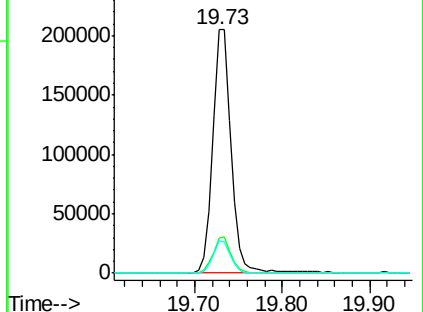
183 13.3 10.6 16.0

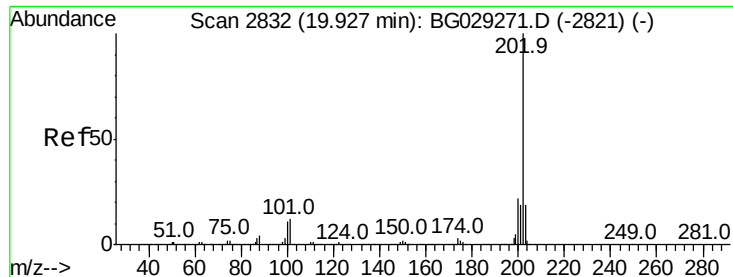


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 32.407 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

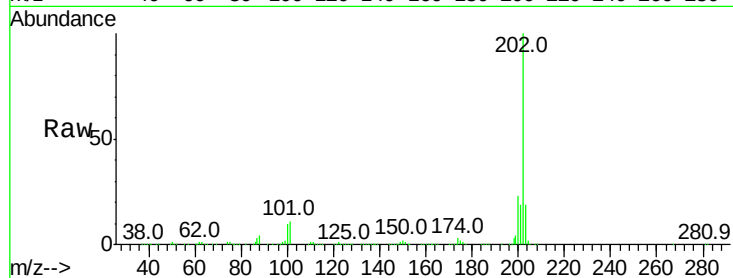
BNA_G

ClientSampleId :

PB103644BS

Tot Ion:202 Resp: 982690

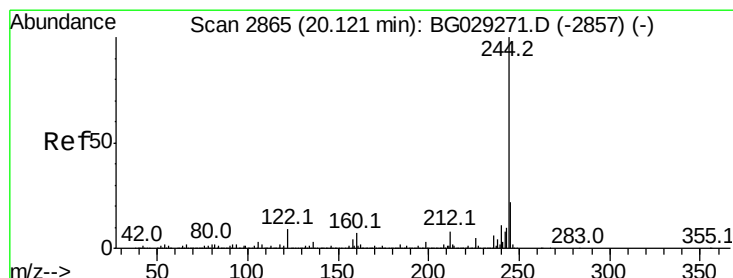
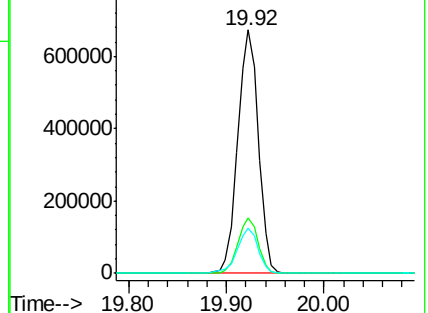
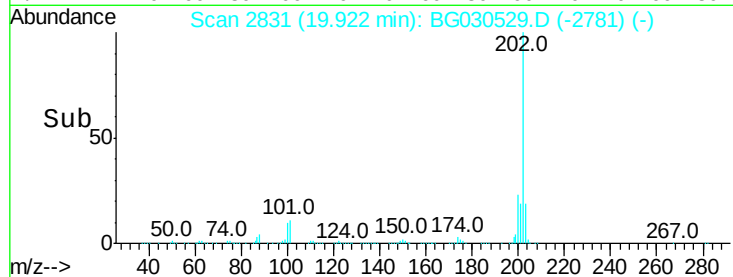
Ion	Ratio	Lower	Upper
202	100		
200	22.5	16.9	25.3
203	18.7	13.9	20.9



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: 63.897 ng

RT: 20.11 min Scan# 2863

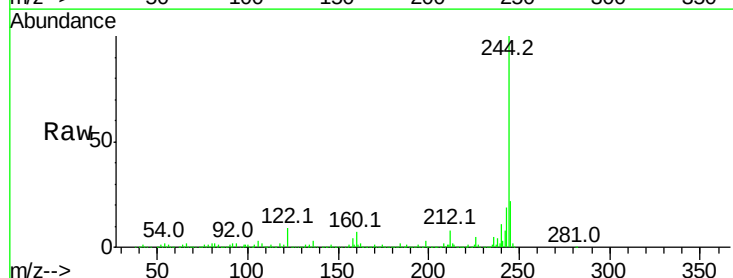
Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:244 Resp: 1404029

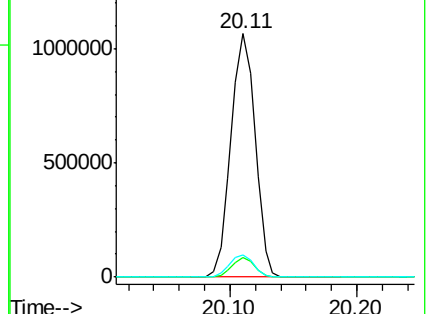
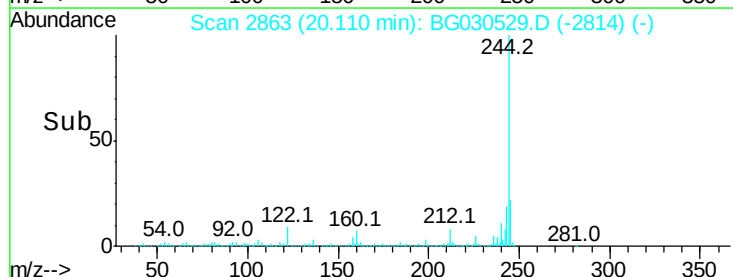
Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.2	7.0	10.4

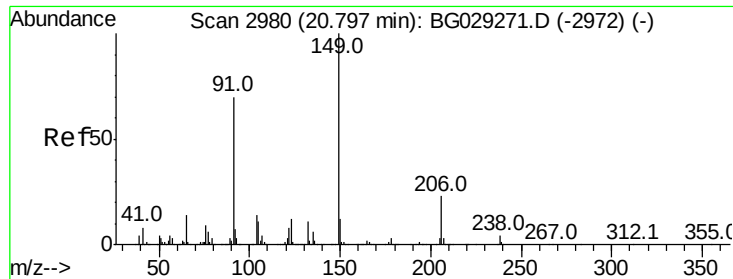


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

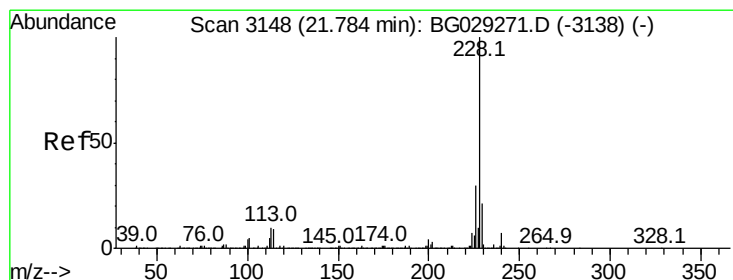
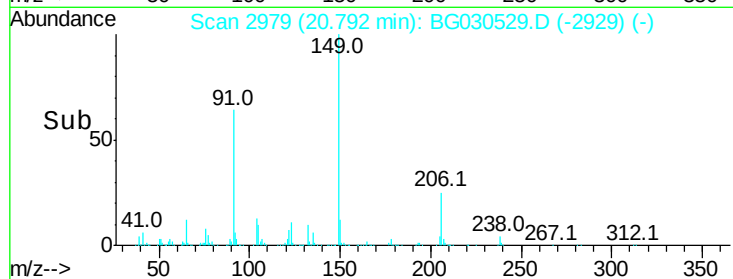
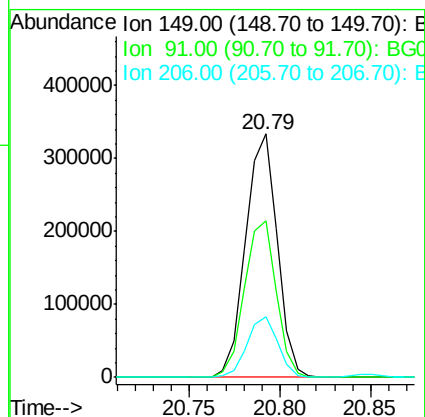
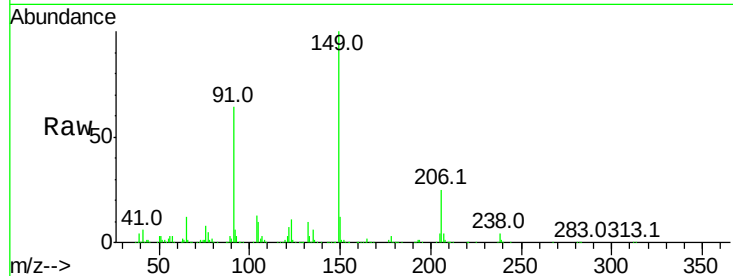




#79
Butylbenzylphthalate
Concen: 31.337 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

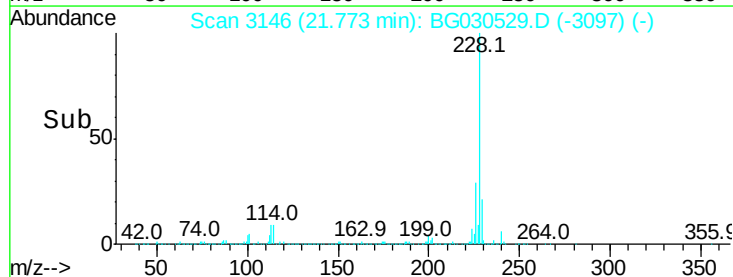
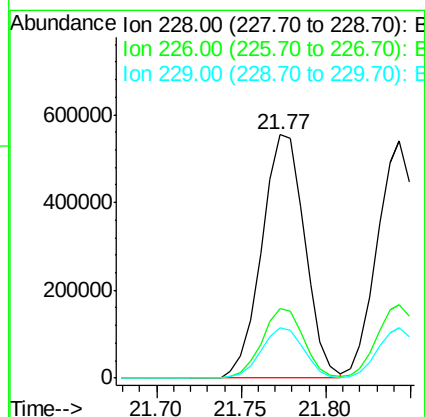
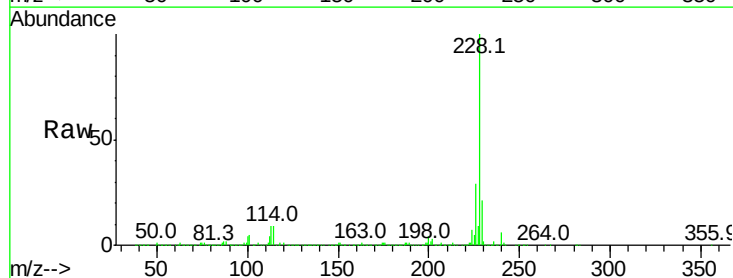
Instrument :
BNA_G
ClientSampleId :
PB103644BS

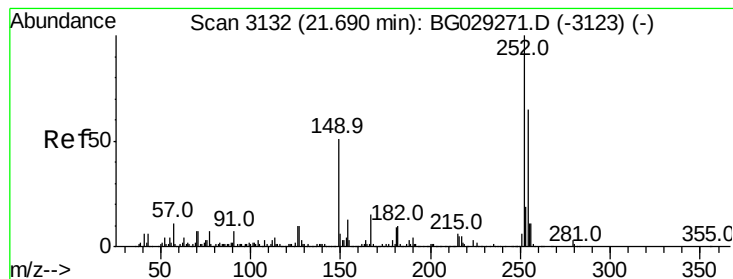
Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	62.2	93.2
206	25.1	18.6	27.8



#80
Benzo(a)anthracene
Concen: 33.166 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.7	34.1
229	20.6	16.2	24.2





#81

3,3'-Dichlorobenzidine

Concen: 16.964 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

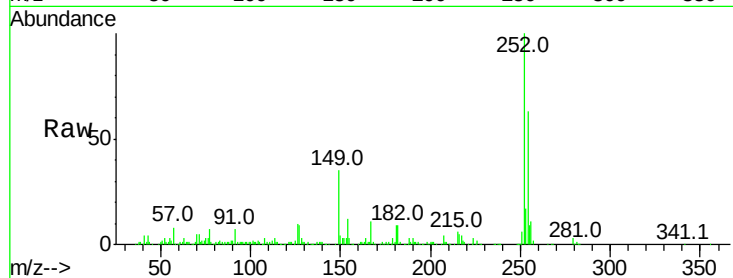
Tot Ion:252 Resp: 205496

Ion Ratio Lower Upper

252 100

254 63.4 50.8 76.2

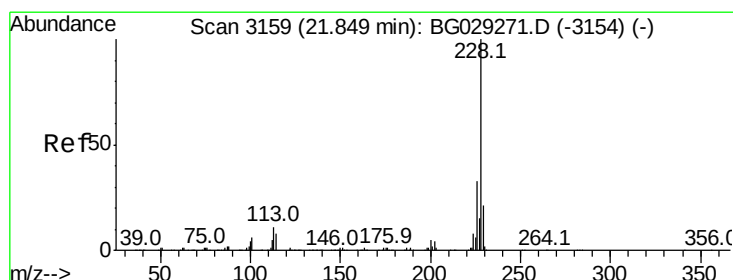
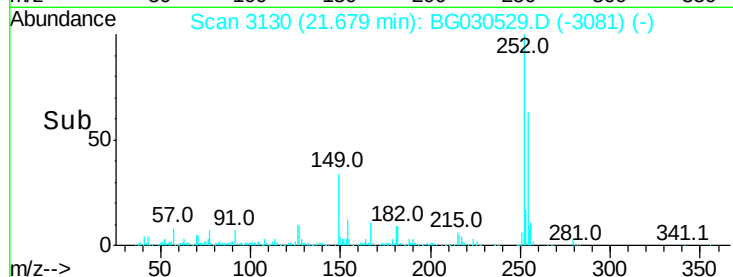
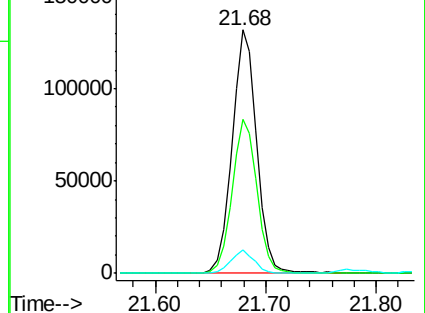
126 9.7 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 32.314 ng

RT: 21.84 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

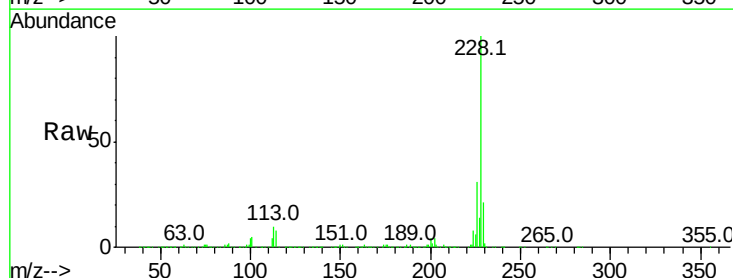
Tgt Ion:228 Resp: 908237

Ion Ratio Lower Upper

228 100

226 30.7 24.9 37.3

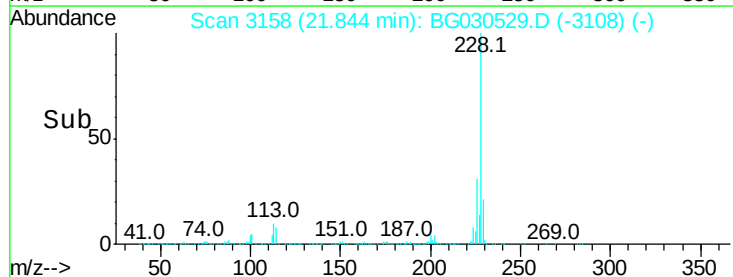
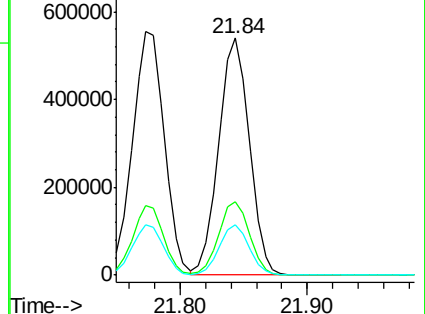
229 21.3 15.0 22.4

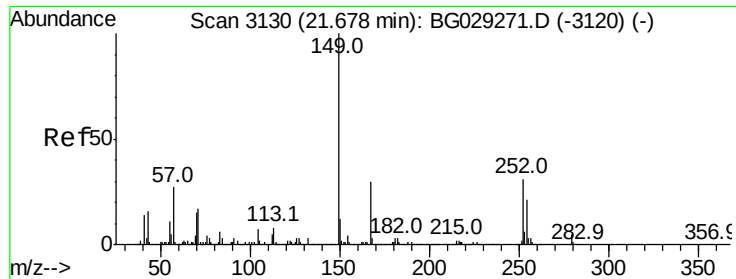


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.532 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

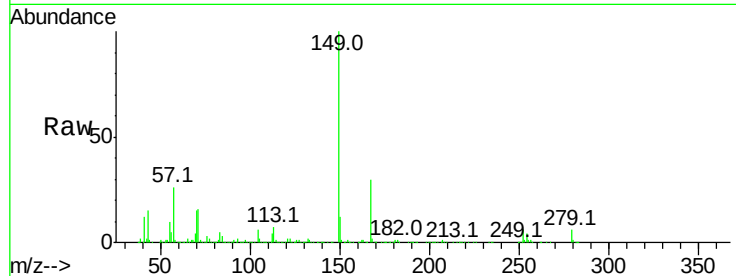
Tot Ion:149 Resp: 566086

Ion	Ratio	Lower	Upper
149	100		
167	30.2	24.3	36.5
279	5.6	4.0	6.0

149 100

167 30.2 24.3 36.5

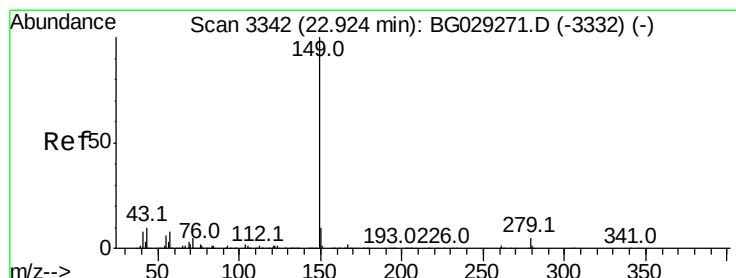
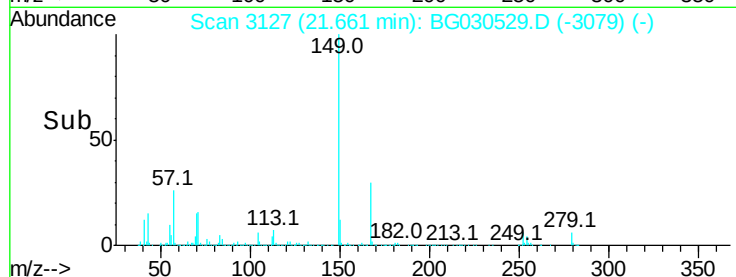
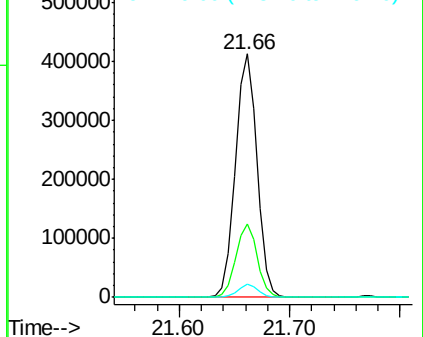
279 5.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 30.094 ng

RT: 22.90 min Scan# 3338

Delta R.T. -0.02 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

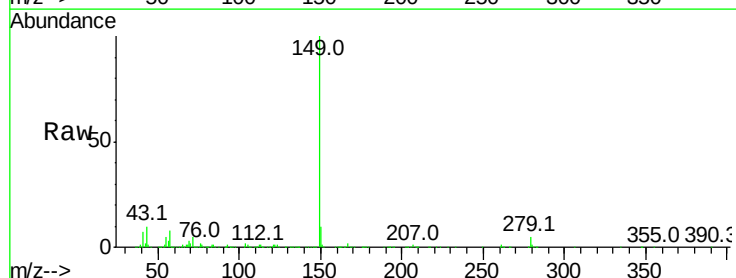
Tgt Ion:149 Resp: 972461

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.3	8.9	13.3

149 100

167 1.6 1.4 2.0

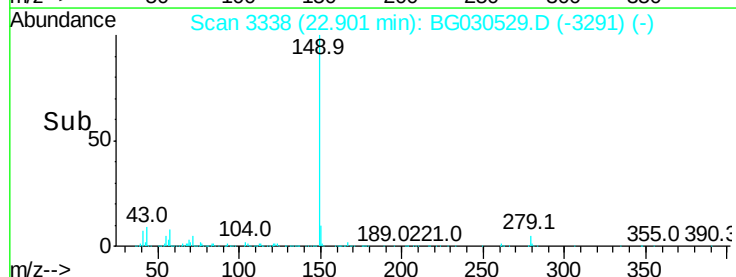
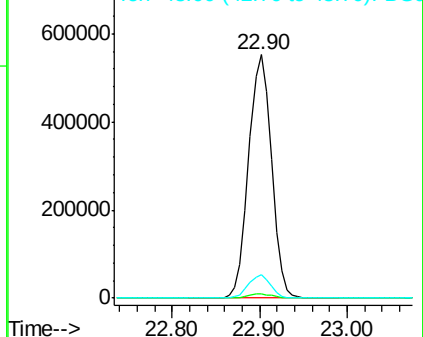
43 9.3 8.9 13.3

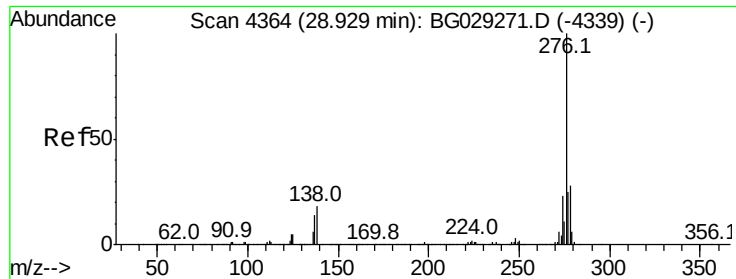


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

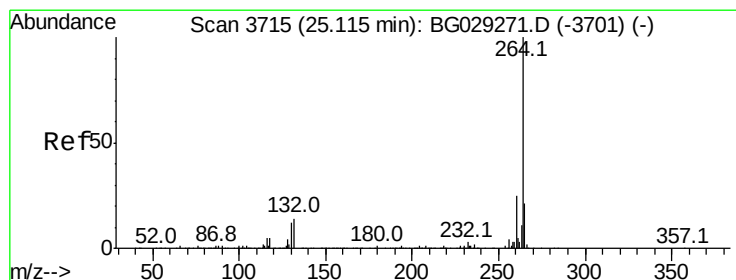
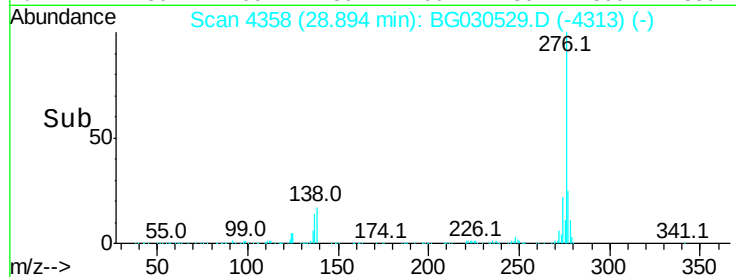
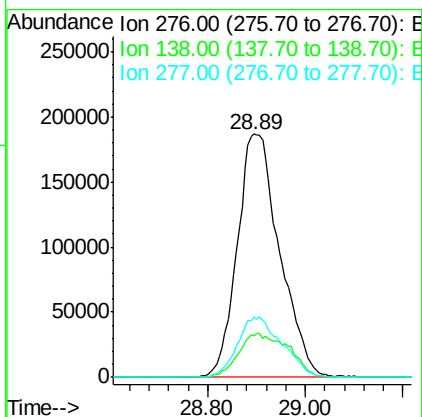
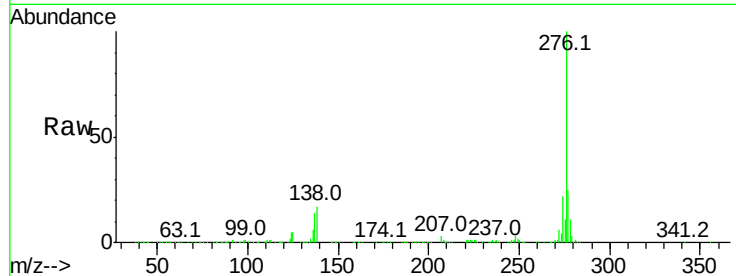




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.581 ng
RT: 28.89 min Scan# 4358
Delta R.T. -0.03 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

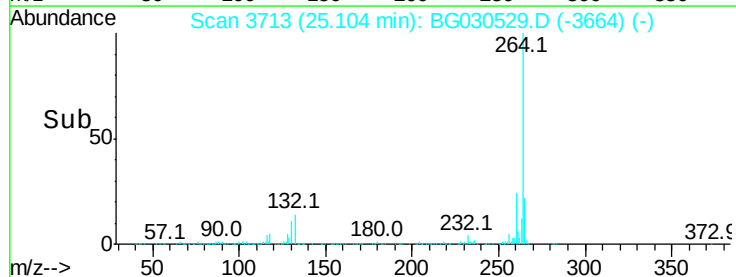
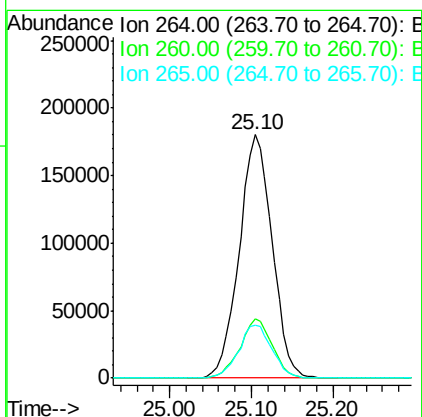
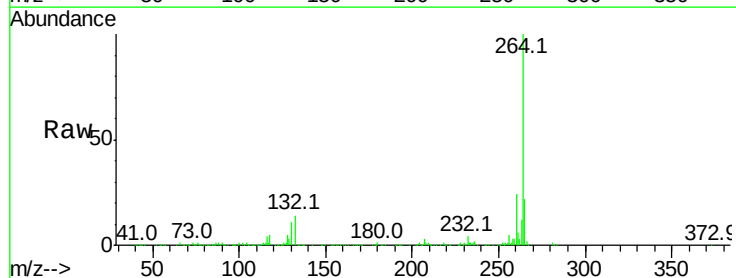
Instrument :
BNA_G
ClientSampleId :
PB103644BS

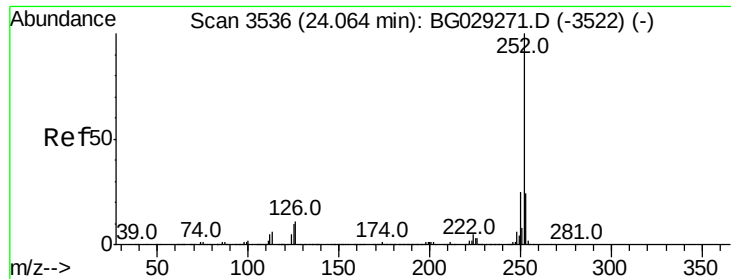
Tot Ion:276 Resp: 1126612
Ion Ratio Lower Upper
276 100
138 21.3 16.0 24.0
277 26.0 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG030529.D
Acq: 28 Oct 2017 16:02

Tgt Ion:264 Resp: 503758
Ion Ratio Lower Upper
264 100
260 24.3 17.4 26.0
265 21.8 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 34.053 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

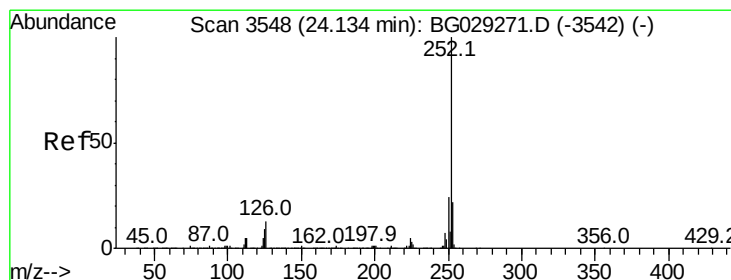
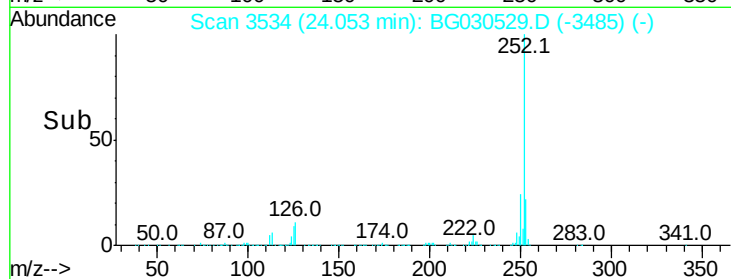
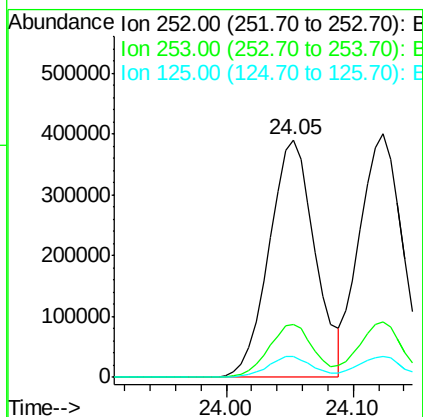
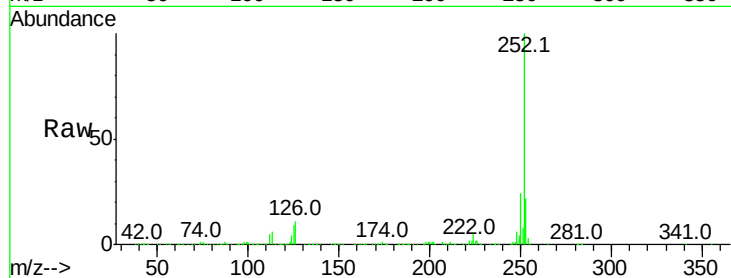
Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
PB103644BS

Tot Ion:252 Resp: 982101

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	8.8	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 32.703 ng

RT: 24.12 min Scan# 3546

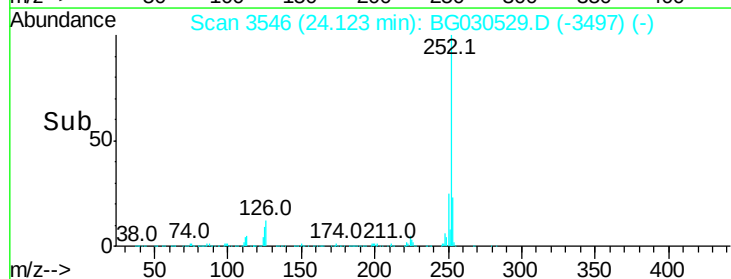
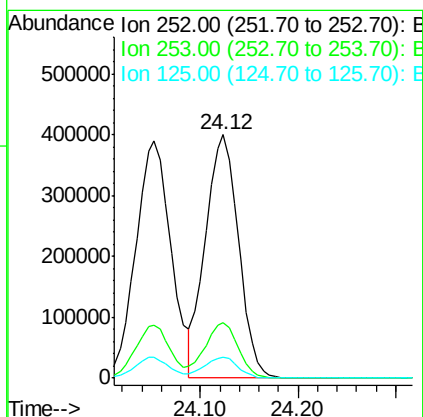
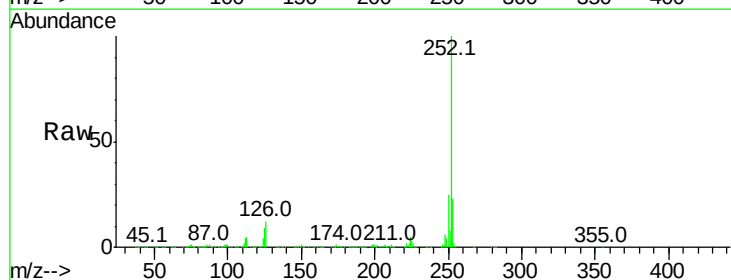
Delta R.T. -0.01 min

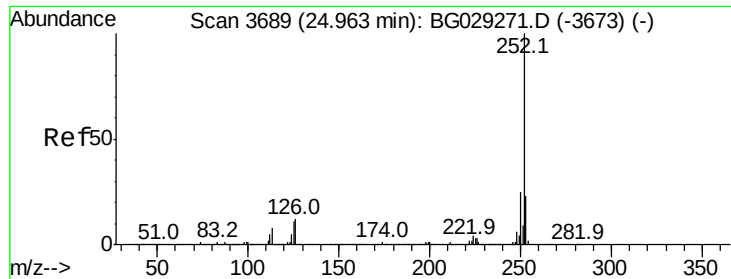
Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Tgt Ion:252 Resp: 939637

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.4	26.2
125	8.7	6.6	9.8





#89

Benzo(a)pyrene

Concen: 33.641 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

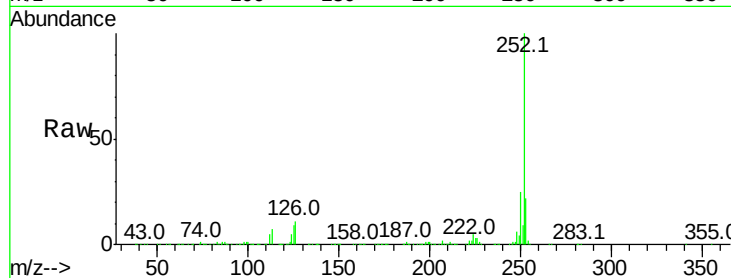
Tot Ion:252 Resp: 932718

Ion Ratio Lower Upper

252 100

253 21.7 18.3 27.5

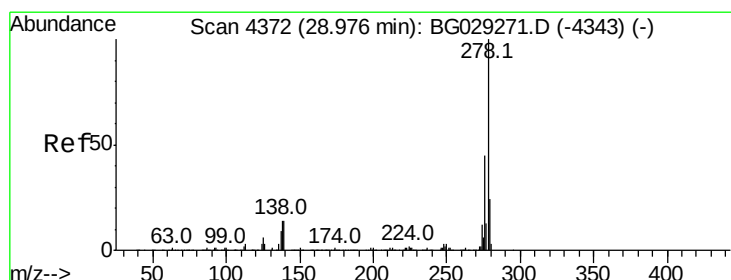
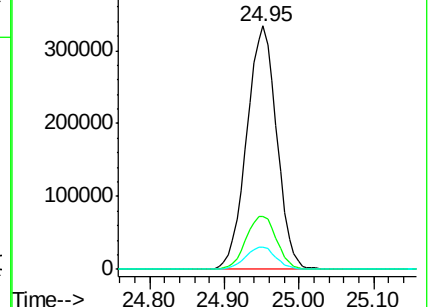
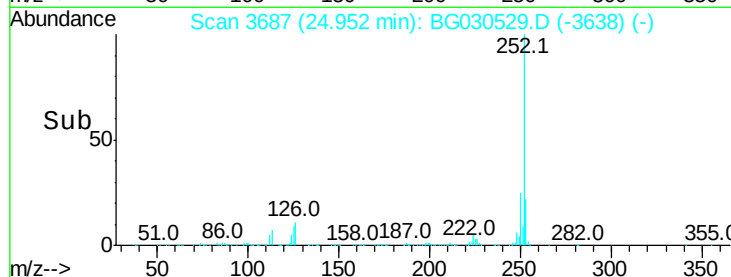
125 9.3 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.597 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

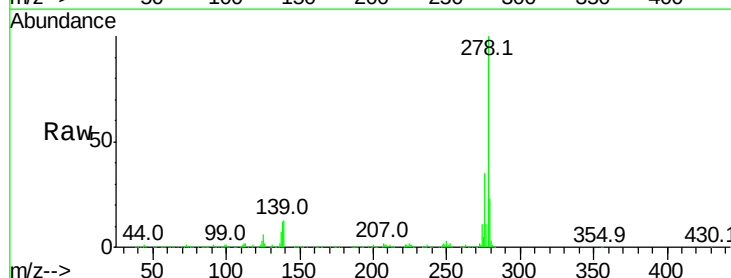
Tgt Ion:278 Resp: 943063

Ion Ratio Lower Upper

278 100

139 12.7 9.8 14.6

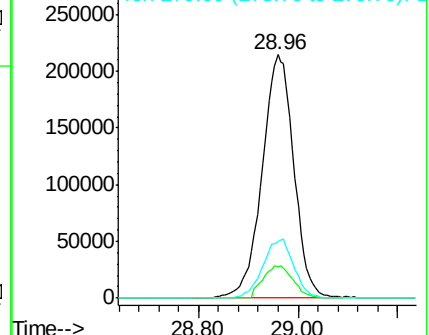
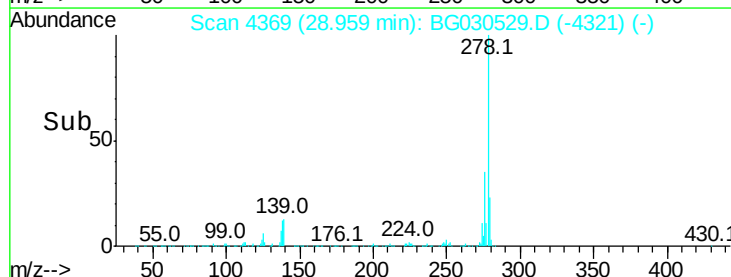
279 23.4 18.4 27.6

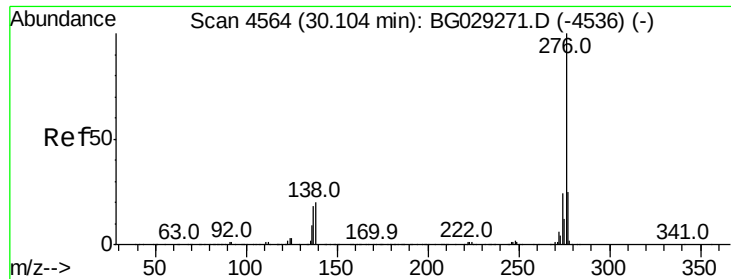


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.857 ng

RT: 30.10 min Scan# 4563

Delta R.T. -0.01 min

Lab File: BG030529.D

Acq: 28 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

PB103644BS

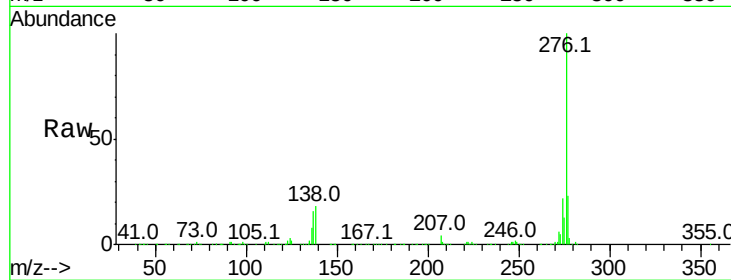
Tot Ion:276 Resp: 935168

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 17.8 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

