

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030530.D
 Acq On : 28 Oct 2017 16:42
 Operator : SJ/JU
 Sample : PB103686BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Quant Time: Oct 30 06:45:42 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	74619	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	329760	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219880	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	525452	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	556629	20.00	ng	0.00
86) Perylene-d12	25.11	264	570402	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	599896	134.30	ng	0.00
7) Phenol-d6	7.32	99	794950	126.79	ng	0.00
23) Nitrobenzene-d5	9.33	82	453521	87.40	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	406614	143.23	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1265711	84.43	ng	0.00
78) Terphenyl-d14	20.11	244	1944719	79.48	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	60290	33.267	ng	86
3) Pyridine	3.98	79	168858	31.995	ng	91
4) n-Nitrosodimethylamine	3.89	42	89738	36.375	ng	# 93
6) Aniline	7.48	93	107370	13.830	ng	96
8) 2-Chlorophenol	7.73	128	197102	38.497	ng	92
9) Benzaldehyde	7.30	77	105484	33.449	ng	93
10) Phenol	7.35	94	267658	39.598	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	181020	36.757	ng	93
12) 1,3-Dichlorobenzene	8.05	146	204604	35.595	ng	97
13) 1,4-Dichlorobenzene	8.20	146	204449	34.837	ng	95
14) 1,2-Dichlorobenzene	8.52	146	198250	35.023	ng	97
15) Benzyl Alcohol	8.40	79	183594	41.553	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	292786	35.008	ng	93
17) 2-Methylphenol	8.61	107	184174	41.017	ng	97
18) Hexachloroethane	9.26	117	70764	35.383	ng	95
19) n-Nitroso-di-n-propylamine	8.97	70	157947	37.050	ng	# 97
20) 3+4-Methylphenols	8.93	107	258316	40.829	ng	97
22) Acetophenone	8.99	105	289533	36.433	ng	# 94
24) Nitrobenzene	9.38	77	218091	37.379	ng	91
25) Isophorone	9.90	82	445665	41.139	ng	# 93
26) 2-Nitrophenol	10.09	139	118013	42.320	ng	89
27) 2,4-Dimethylphenol	10.14	122	213948	42.405	ng	93
28) bis(2-Chloroethoxy)methane	10.37	93	270645	40.743	ng	94
29) 2,4-Dichlorophenol	10.63	162	234623	43.608	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	223013	38.368	ng	94
31) Naphthalene	11.03	128	610508	37.148	ng	98
32) Benzoic acid	10.26	122	118380	28.022	ng	# 81
33) 4-Chloroaniline	11.13	127	75969	10.989	ng	96
34) Hexachlorobutadiene	11.31	225	138698	38.379	ng	96
35) Caprolactam	11.90	113	84818	47.435	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	243792	41.199	ng	# 87
37) 2-Methylnaphthalene	12.62	142	482107	40.250	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	272029	33.886	ng	97
40) Hexachlorocyclopentadiene	12.97	237	335005	108.402	ng	92

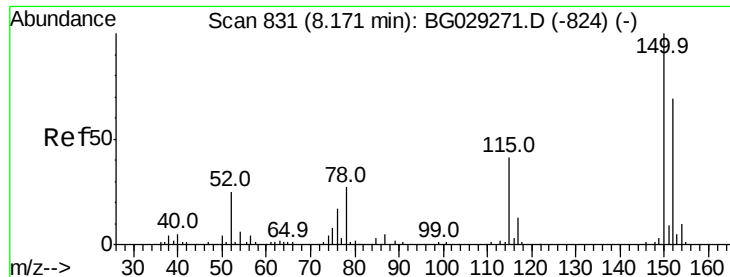
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	205088	40.696	nq	99
43) 2,4,5-Trichlorophenol	13.30	196	225054	43.484	nq	96
45) 1,1'-Biphenyl	13.62	154	663157	35.089	nq	99
46) 2-Chloronaphthalene	13.67	162	517078	37.509	nq	97
47) 2-Nitroaniline	13.86	65	161248	42.585	nq #	83
48) Acenaphthylene	14.51	152	832647	38.593	nq	99
49) Dimethylphthalate	14.23	163	712696	41.543	nq	99
50) 2,6-Dinitrotoluene	14.35	165	159655	44.394	nq #	82
51) Acenaphthene	14.85	154	505059	35.979	nq	99
52) 3-Nitroaniline	14.68	138	41050	10.578	nq #	75
53) 2,4-Dinitrophenol	14.89	184	118659	61.582	nq #	52
54) Dibenzofuran	15.18	168	823465	41.092	nq	99
55) 4-Nitrophenol	14.99	139	254542	79.560	nq #	80
56) 2,4-Dinitrotoluene	15.14	165	222612	45.726	nq #	79
57) Fluorene	15.83	166	652039	39.387	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	214376	49.648	nq #	93
59) Diethylphthalate	15.59	149	704159	41.186	nq	98
60) 4-Chlorophenyl-phenylether	15.81	204	373429	42.308	nq	94
61) 4-Nitroaniline	15.84	138	166427	41.765	nq	88
62) Azobenzene	16.11	77	607816	42.158	nq	94
64) 4,6-Dinitro-2-methylphenol	15.90	198	110266	38.058	nq	87
65) n-Nitrosodiphenylamine	16.03	169	606780	38.549	nq	100
66) 4-Bromophenyl-phenylether	16.71	248	246030	40.805	nq	98
67) Hexachlorobenzene	16.83	284	261375	38.270	nq	96
68) Atrazine	16.97	200	238881	42.533	nq	99
69) Pentachlorophenol	17.17	266	301933	76.958	nq	99
70) Phenanthrene	17.57	178	1061579	39.108	nq	97
71) Anthracene	17.65	178	1090807	40.019	nq	98
72) Carbazole	17.92	167	995977	38.038	nq	99
73) Di-n-butylphthalate	18.46	149	1186555	39.402	nq	99
74) Fluoranthene	19.56	202	1308522	41.214	nq	98
76) Benzidine	19.73	184	321811	19.148	nq	97
77) Pyrene	19.92	202	1324088	39.213	nq	96
79) Butylbenzylphthalate	20.79	149	563045	39.139	nq	88
80) Benzo(a)anthracene	21.78	228	1333263	40.796	nq	97
81) 3,3'-Dichlorobenzidine	21.68	252	216177	16.026	nq	95
82) Chrysene	21.84	228	1263376	40.366	nq	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	789992	38.264	nq	100
84) Di-n-octyl phthalate	22.90	149	1334394	37.085	nq	97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1592884	41.369	nq	98
87) Benzo(b)fluoranthene	24.06	252	1352515	41.417	nq	99
88) Benzo(k)fluoranthene	24.12	252	1307885	40.201	nq	97
89) Benzo(a)pyrene	24.95	252	1301867	41.469	nq	99
90) Dibenzo(a,h)anthracene	28.96	278	1327556	41.769	nq	96
91) Benzo(g,h,i)perylene	30.09	276	1320830	44.727	nq	98

(#) = 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: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

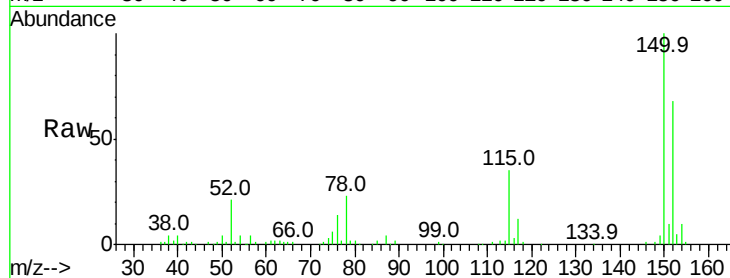
Tot Ion:152 Resp: 74619

Ion Ratio Lower Upper

152 100

150 148.0 126.6 189.8

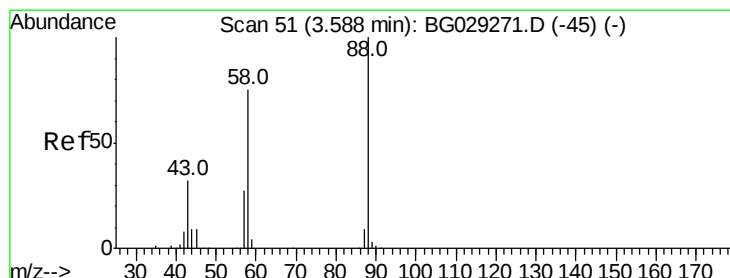
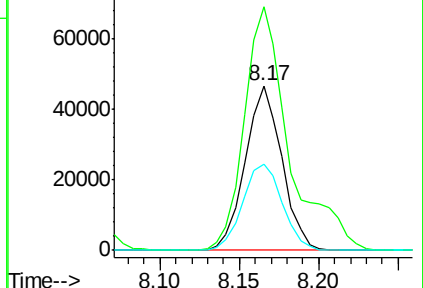
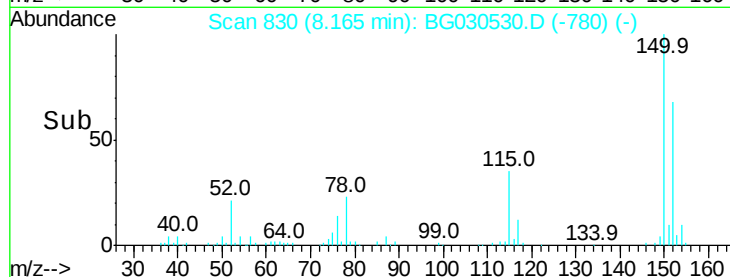
115 52.1 53.0 79.4#



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: 33.267 ng

RT: 3.58 min Scan# 49

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

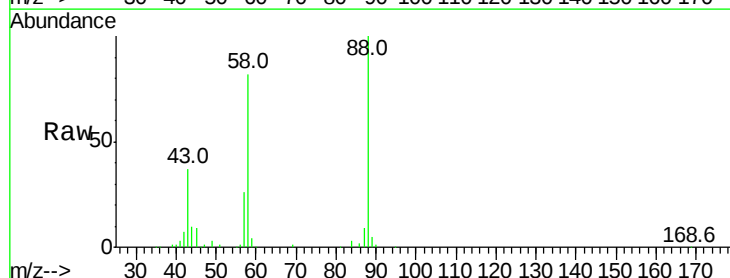
Tgt Ion: 88 Resp: 60290

Ion Ratio Lower Upper

88 100

58 81.7 79.6 119.4

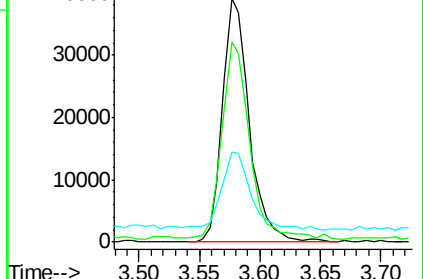
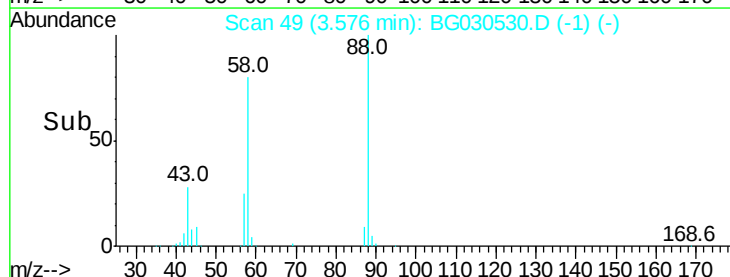
43 35.5 27.4 41.0

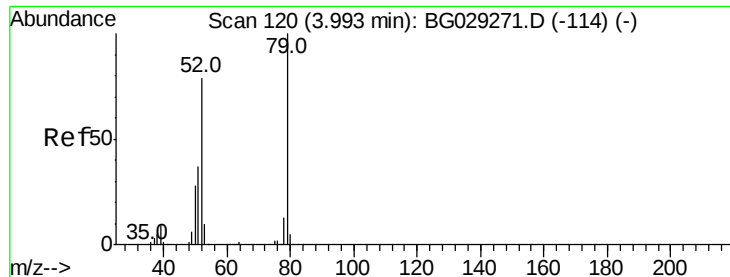


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.995 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

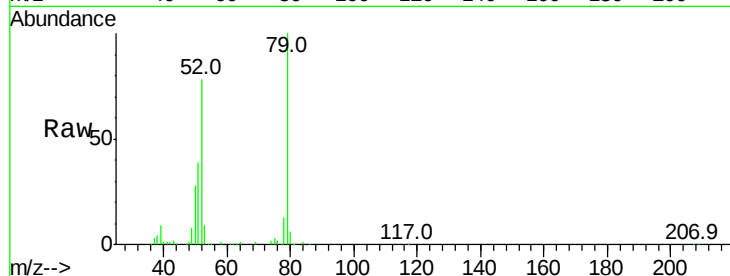
Tot Ion: 79 Resp: 168858

Ion Ratio Lower Upper

79 100

52 77.6 69.9 104.9

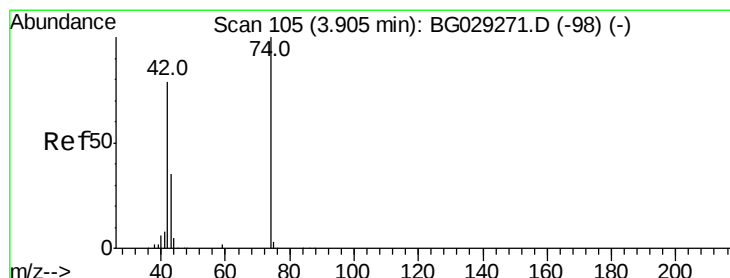
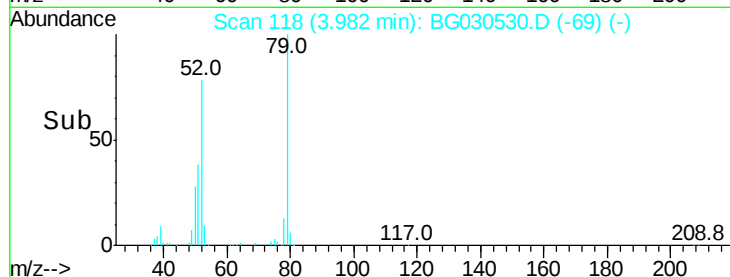
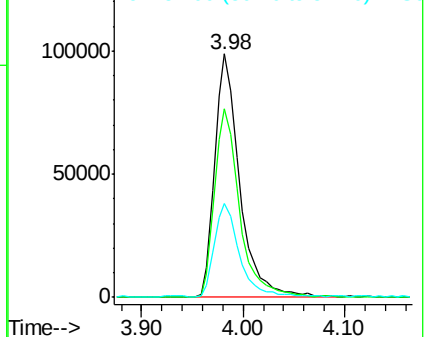
51 38.5 34.0 51.0



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: 36.375 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

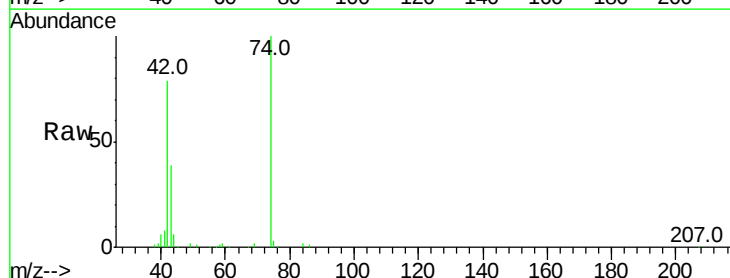
Tgt Ion: 42 Resp: 89738

Ion Ratio Lower Upper

42 100

74 126.0 102.5 153.7

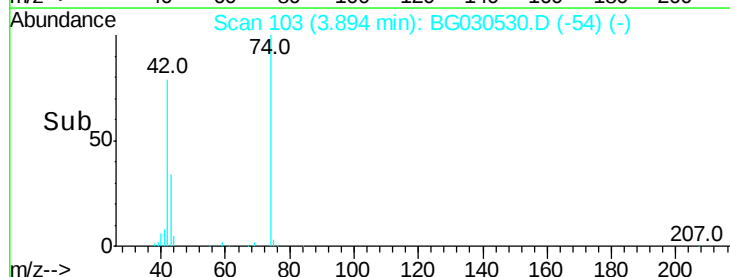
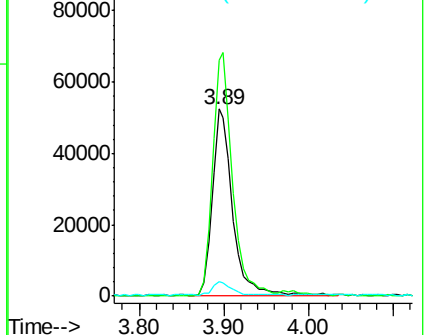
44 7.5 18.9 28.3#

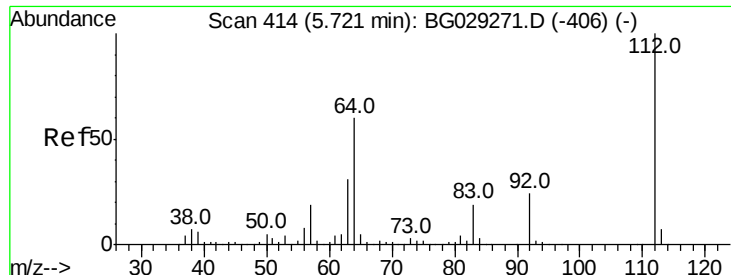


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC

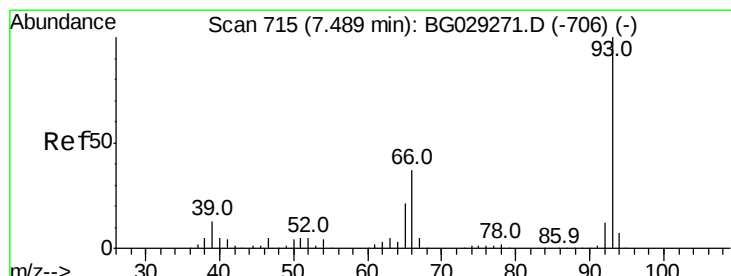
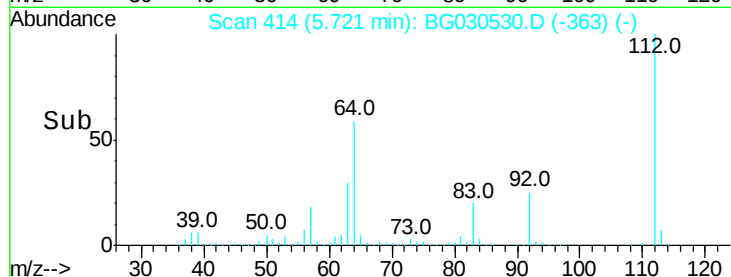
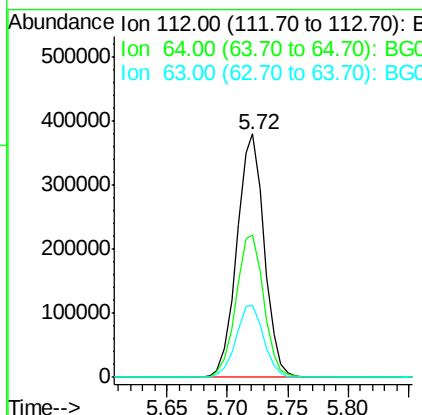
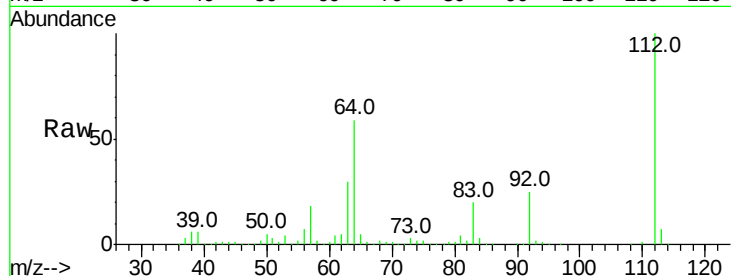




#5
 2-Fluorophenol
 Concen: 134.303 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

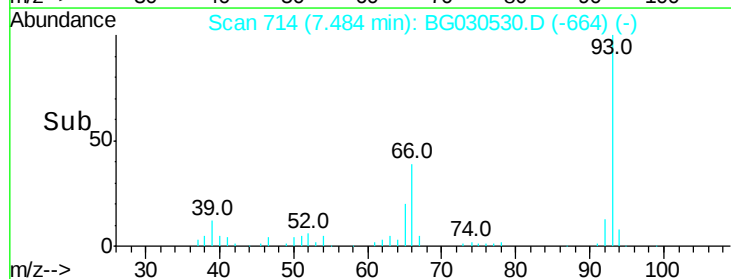
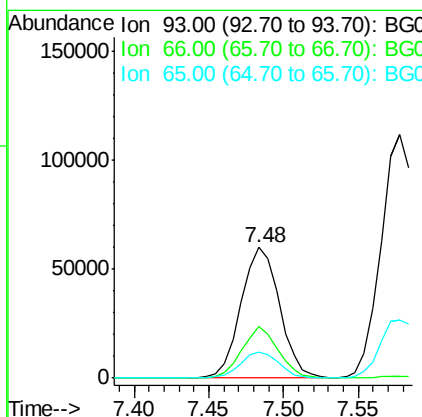
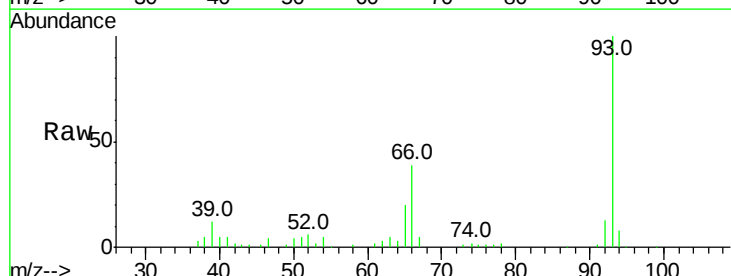
Instrument :
 BNA_G
 ClientSampleId :
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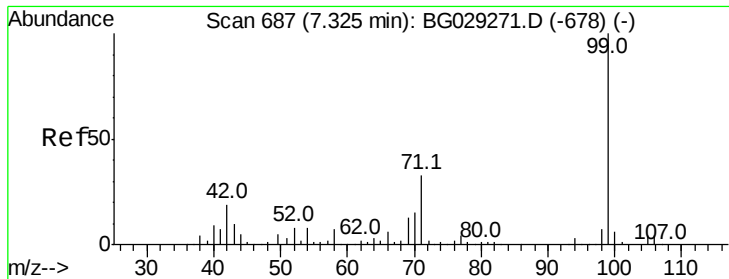
Tot Ion:	112	Resp:	599896
Ion	Ratio	Lower	Upper
112	100		
64	58.5	56.3	84.5
63	29.8	30.1	45.1#



#6
 Aniline
 Concen: 13.830 ng
 RT: 7.48 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:	93	Resp:	107370
Ion	Ratio	Lower	Upper
93	100		
66	39.0	33.7	50.5
65	19.7	16.1	24.1





#7

Phenol-d6

Concen: 126.791 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

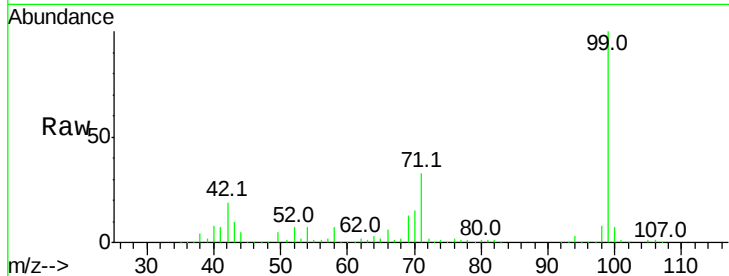
Tot Ion: 99 Resp: 794950

Ion Ratio Lower Upper

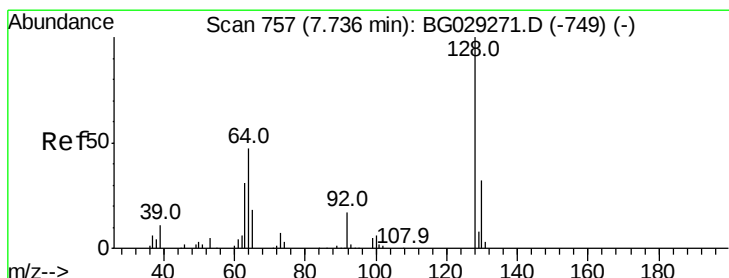
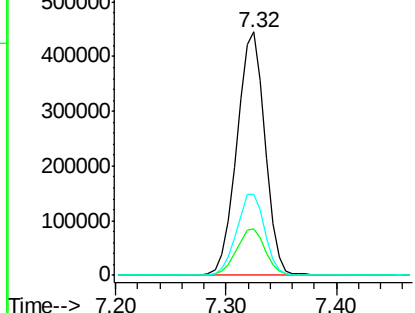
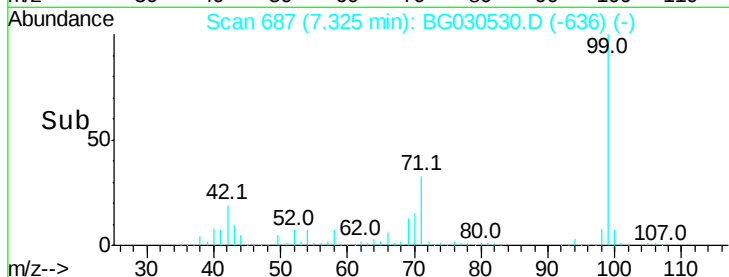
99 100

42 19.4 14.1 21.1

71 33.4 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: 38.497 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

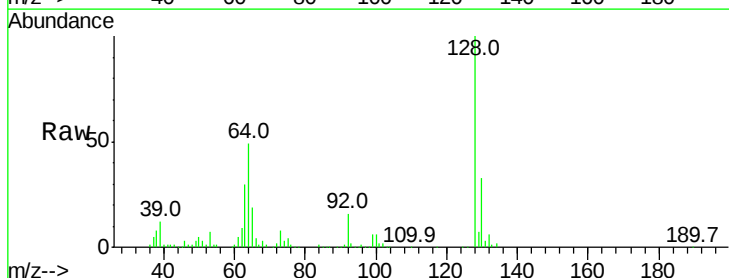
Tgt Ion:128 Resp: 197102

Ion Ratio Lower Upper

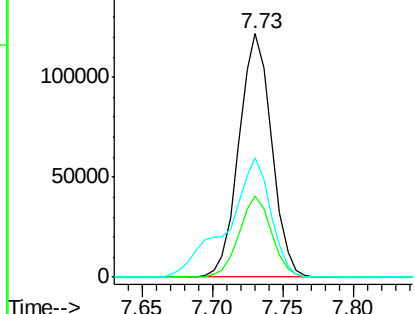
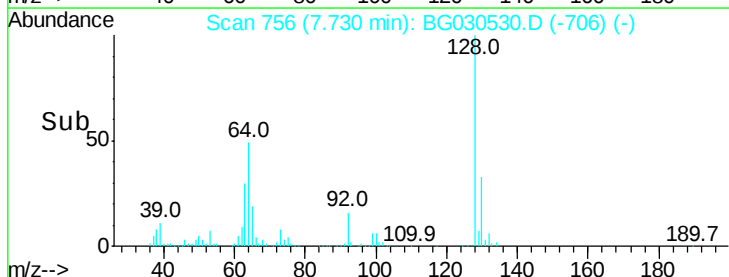
128 100

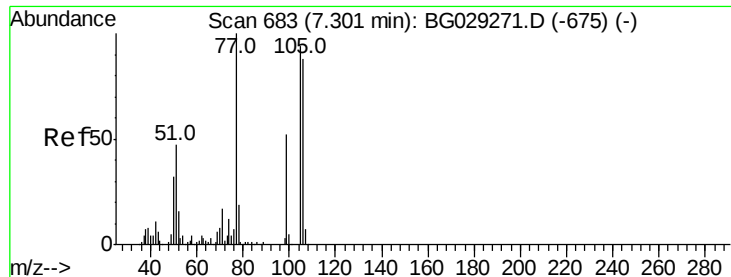
130 33.1 14.0 54.0

64 48.9 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: 33.449 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

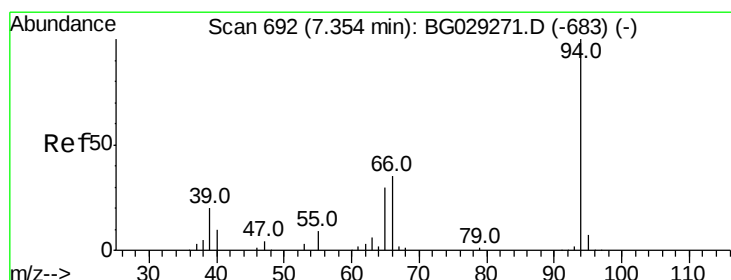
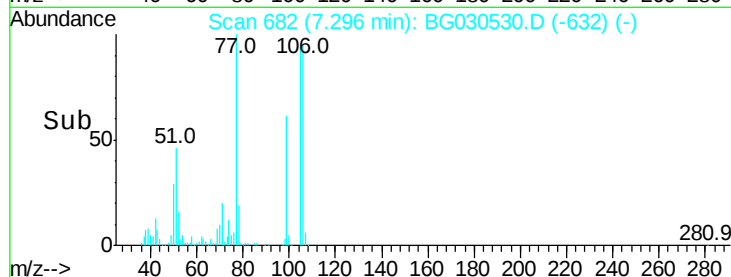
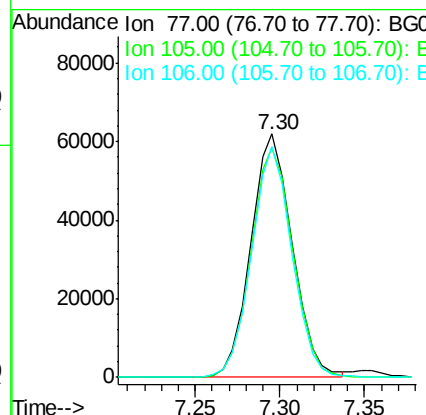
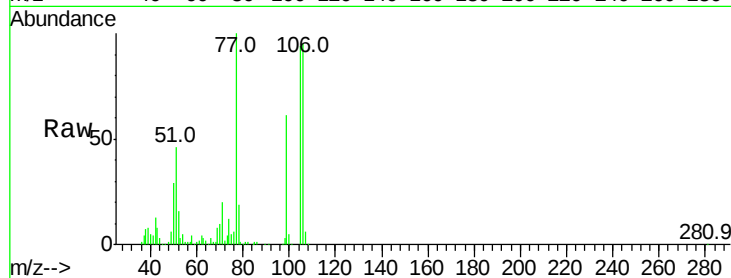
Tot Ion: 77 Resp: 105484

Ion Ratio Lower Upper

77 100

105 94.3 71.3 111.3

106 94.7 64.2 104.2



#10

Phenol

Concen: 39.598 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

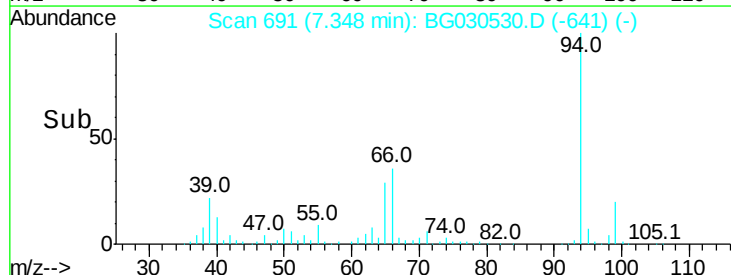
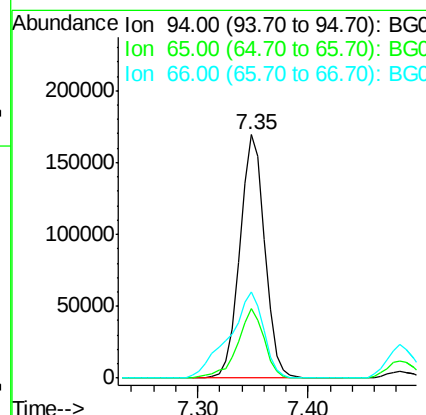
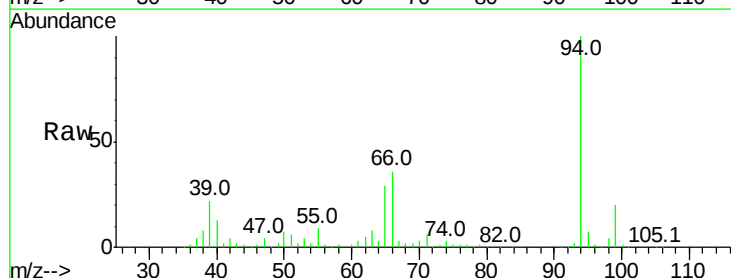
Tgt Ion: 94 Resp: 267658

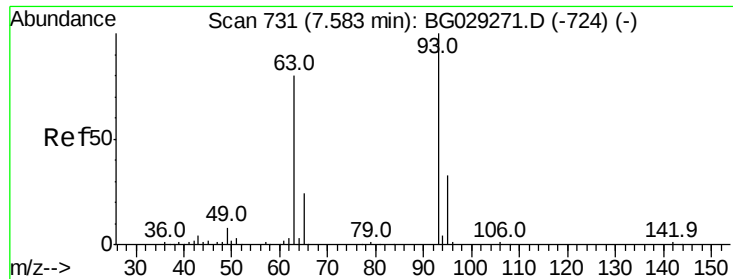
Ion Ratio Lower Upper

94 100

65 28.6 11.9 51.9

66 35.6 22.2 62.2

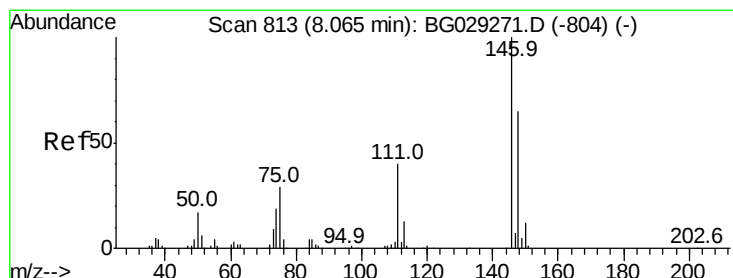
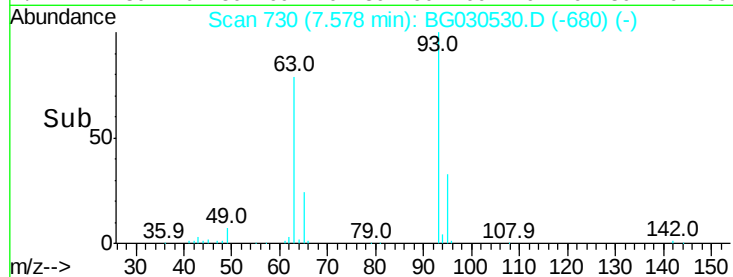
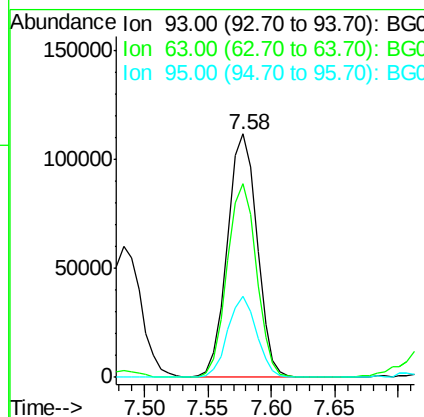
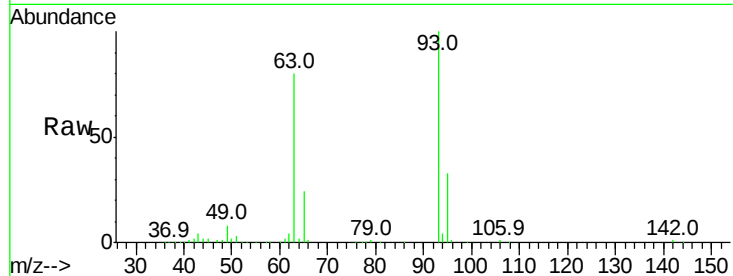




#11
 bis(2-Chloroethyl)ether
 Concen: 36.757 ng
 RT: 7.58 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

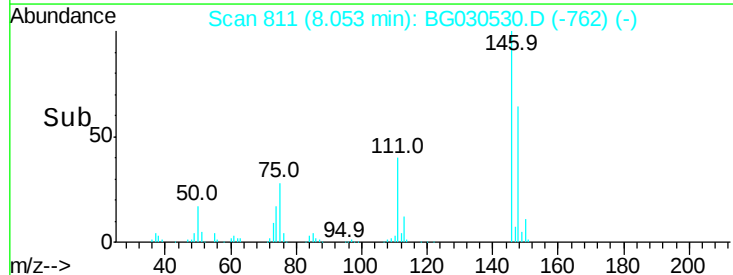
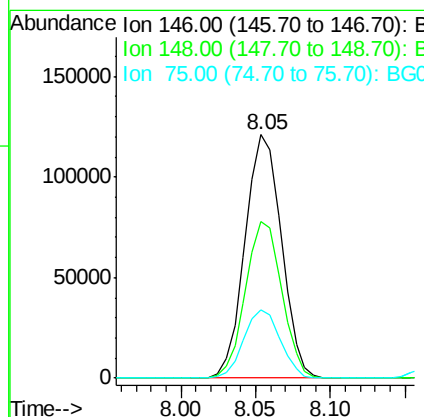
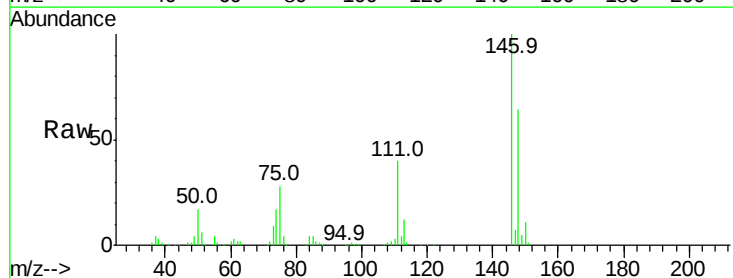
Instrument :
 BNA_G
 ClientSampled :
 PB103686BS

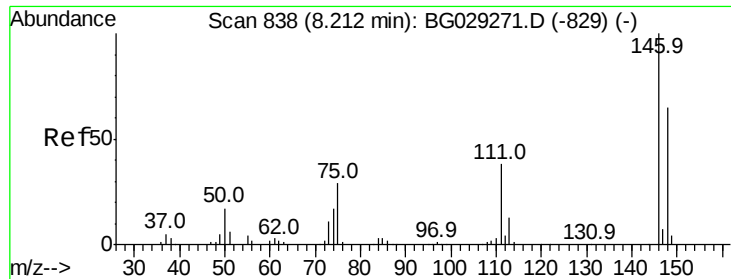
Tot Ion: 93 Resp: 181020
 Ion Ratio Lower Upper
 93 100
 63 79.7 67.1 107.1
 95 33.1 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 35.595 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion: 146 Resp: 204604
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.4 77.2
 75 28.0 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 34.837 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

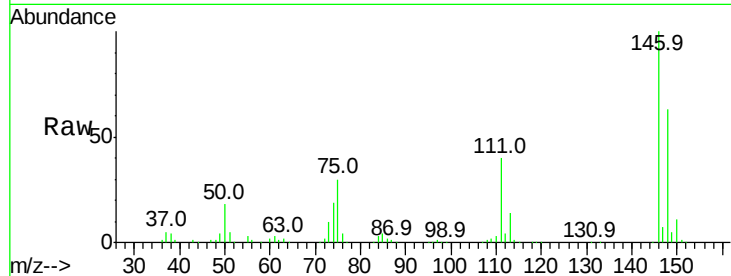
Tot Ion:146 Resp: 204449

Ion Ratio Lower Upper

146 100

148 63.1 53.7 80.5

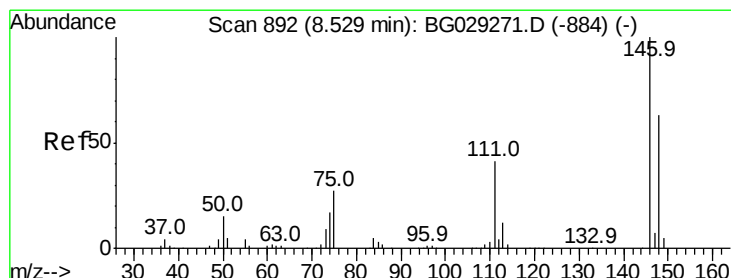
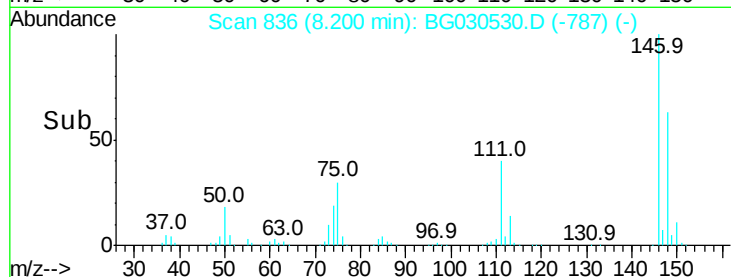
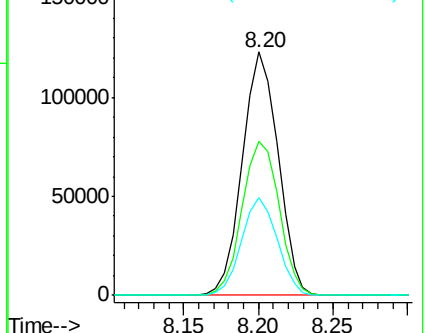
111 40.2 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 35.023 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

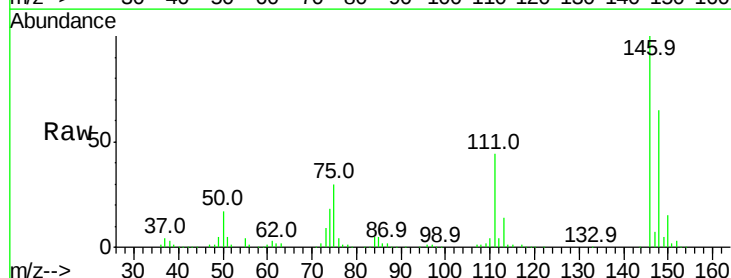
Tgt Ion:146 Resp: 198250

Ion Ratio Lower Upper

146 100

148 64.7 49.3 73.9

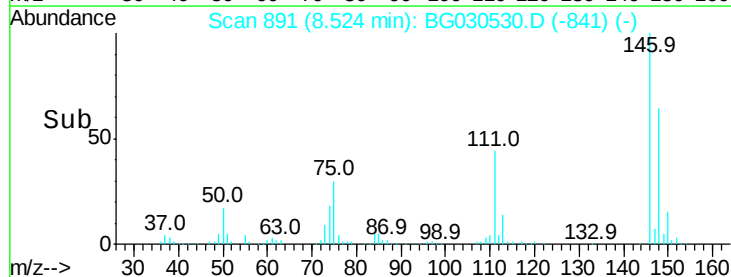
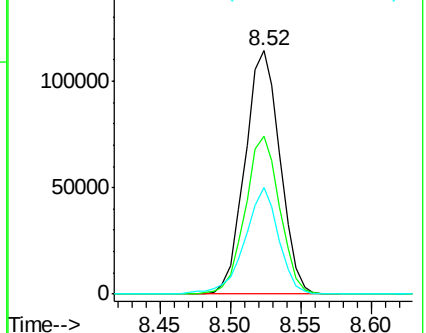
111 43.9 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.553 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

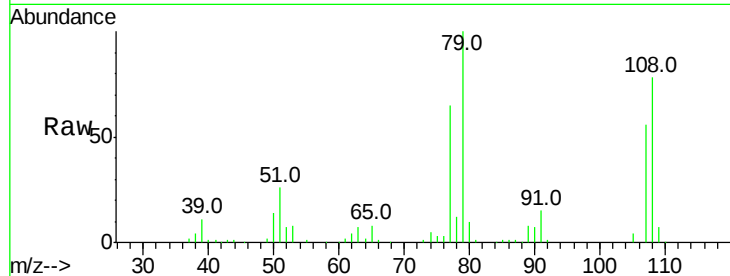
Tot Ion: 79 Resp: 183594

Ion Ratio Lower Upper

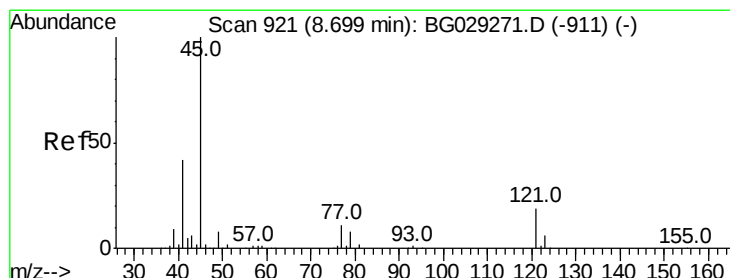
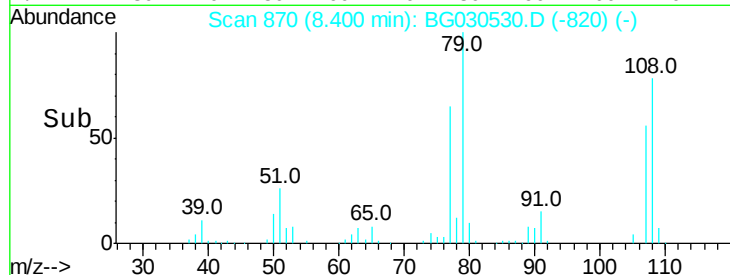
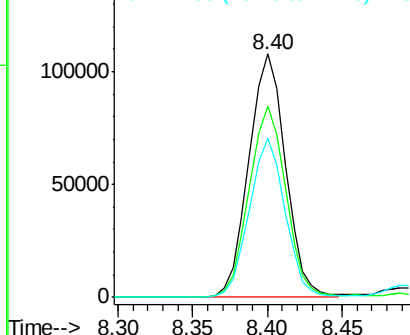
79 100

108 78.3 57.2 85.8

77 65.4 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.008 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

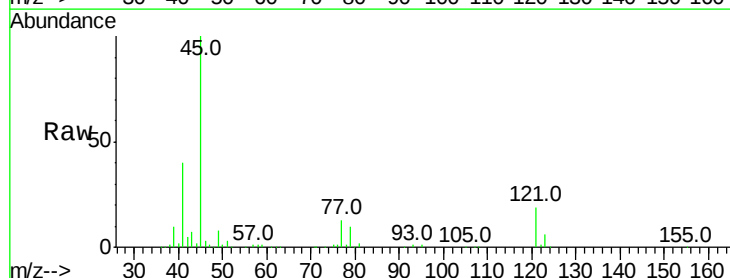
Tgt Ion: 45 Resp: 292786

Ion Ratio Lower Upper

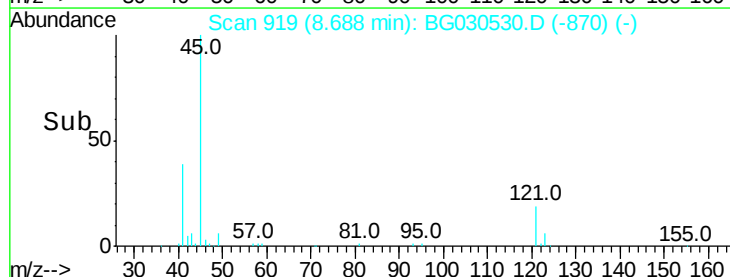
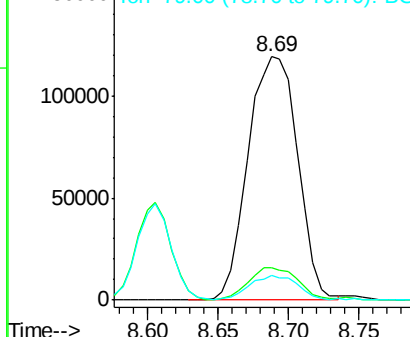
45 100

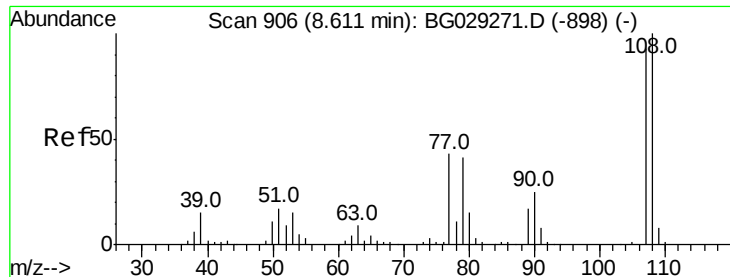
77 13.2 0.0 30.2

79 10.0 0.0 27.9



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





#17

2-Methylphenol

Concen: 41.017 ng

RT: 8.61 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

Tot Ion:107 Resp: 184174

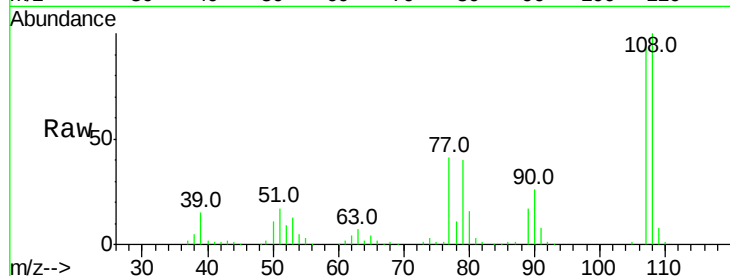
Ion Ratio Lower Upper

107 100

108 107.9 83.9 125.9

77 44.0 37.2 55.8

79 43.3 36.2 54.2

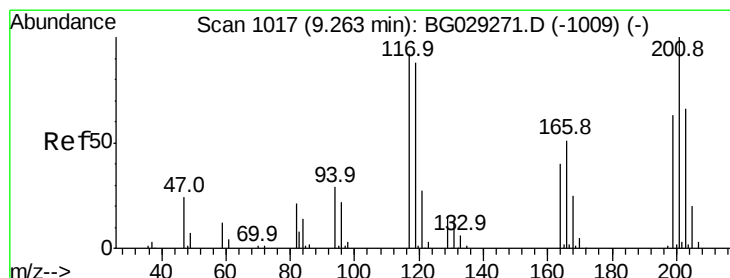
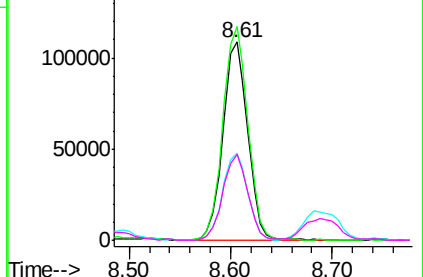
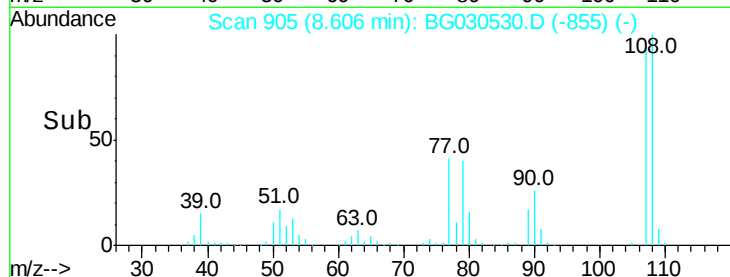


Abundance Ion 107.00 (106.70 to 107.70): E

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: 35.383 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

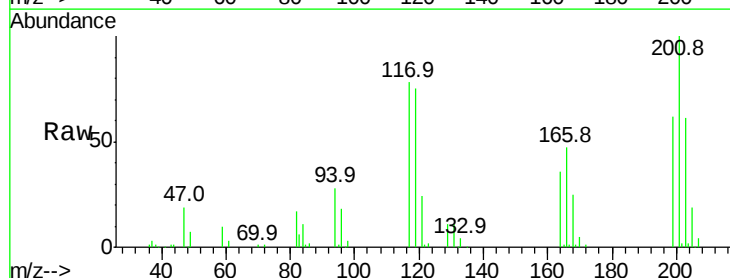
Tgt Ion:117 Resp: 70764

Ion Ratio Lower Upper

117 100

119 96.2 76.7 115.1

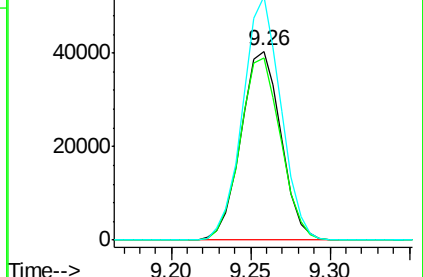
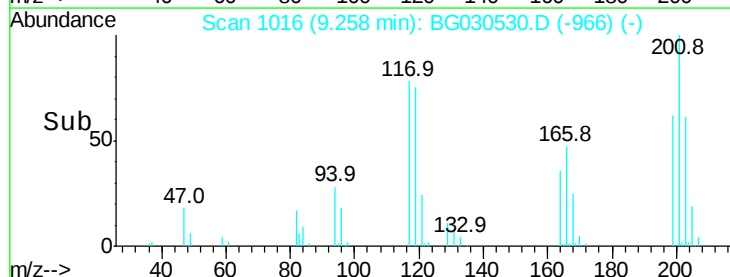
201 128.8 95.7 143.5

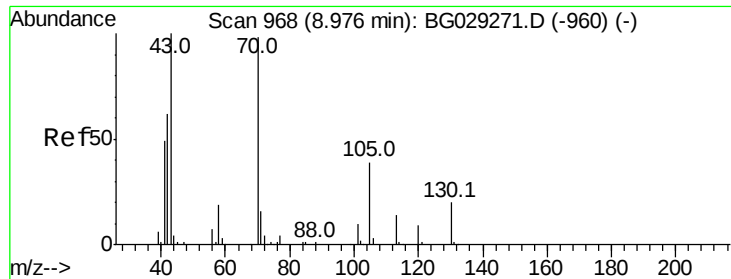


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

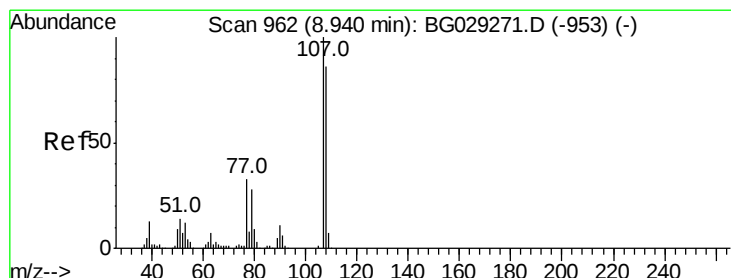
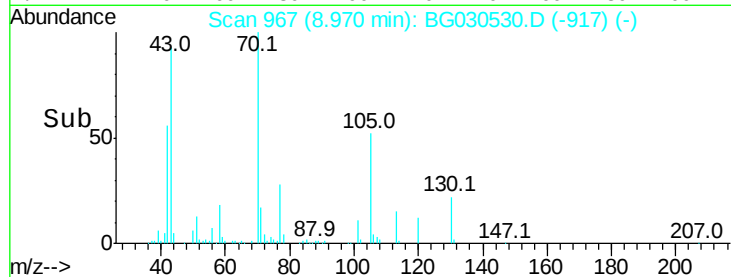
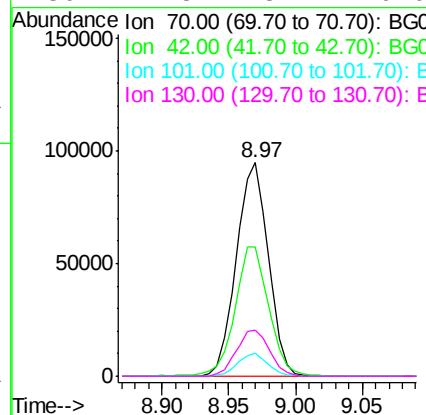
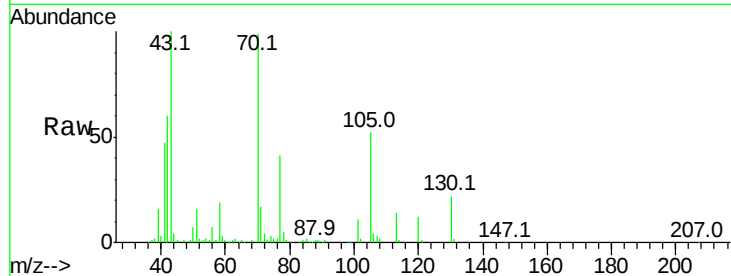




#19
 n-Nitroso-di-n-propylamine
 Concen: 37.050 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

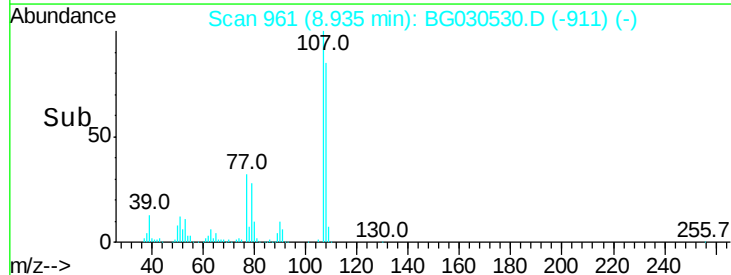
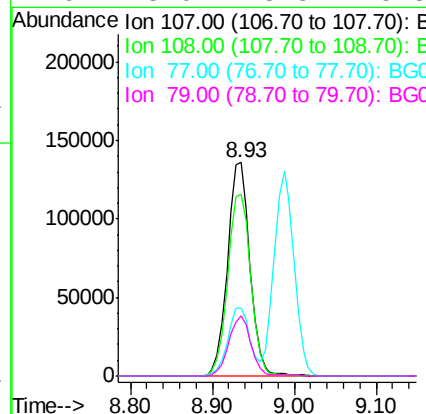
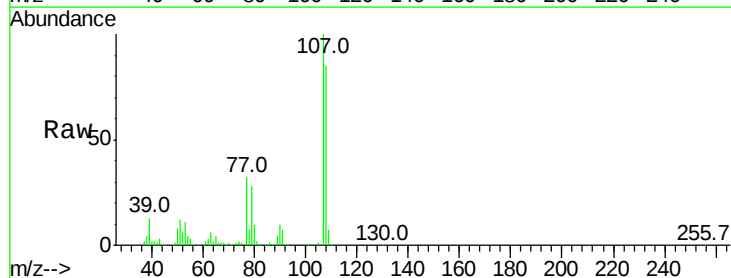
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion: 70 Resp: 157947
 Ion Ratio Lower Upper
 70 100
 42 60.4 49.1 73.7
 101 10.7 8.5 12.7
 130 21.8 13.4 20.0#



#20
 3+4-Methylphenols
 Concen: 40.829 ng
 RT: 8.93 min Scan# 961
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion: 107 Resp: 258316
 Ion Ratio Lower Upper
 107 100
 108 85.2 61.6 101.6
 77 32.0 13.9 53.9
 79 28.0 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: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

Tot Ion:136 Resp: 329760

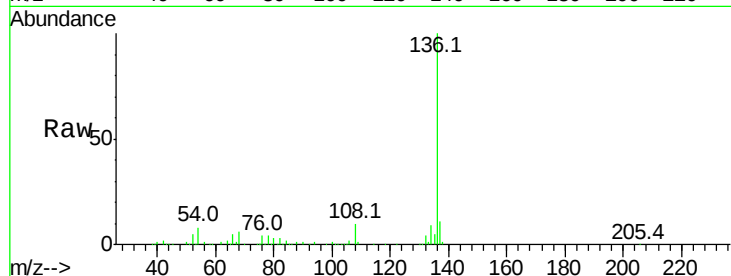
Ion Ratio Lower Upper

136 100

137 10.8 9.2 13.8

54 8.4 10.3 15.5#

68 5.5 4.5 6.7

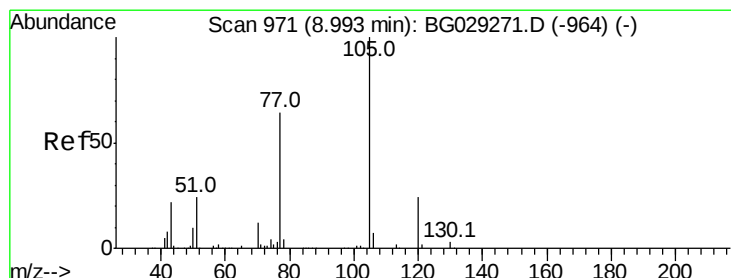
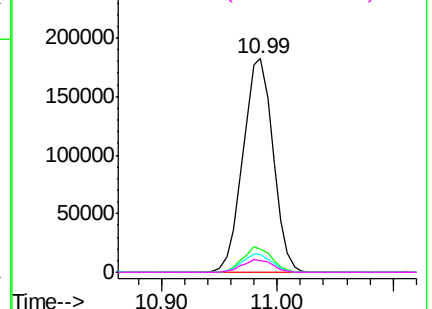
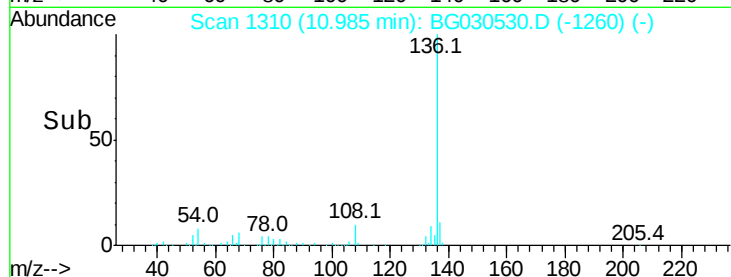


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.433 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Tgt Ion:105 Resp: 289533

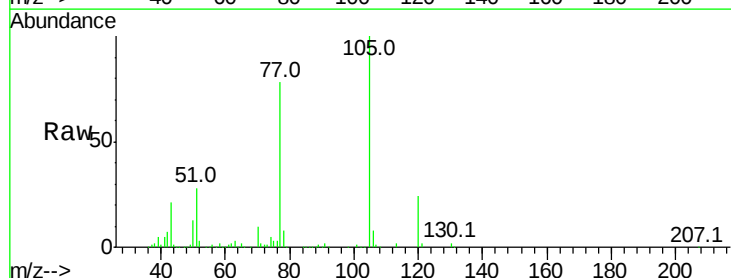
Ion Ratio Lower Upper

105 100

71 1.7 3.0 4.4#

51 28.5 26.1 39.1

120 23.5 17.4 26.2

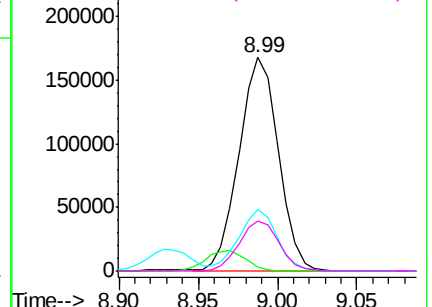
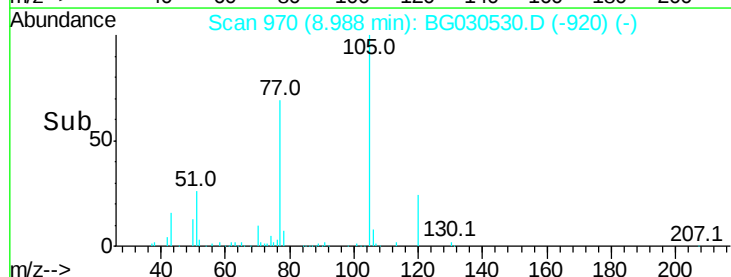


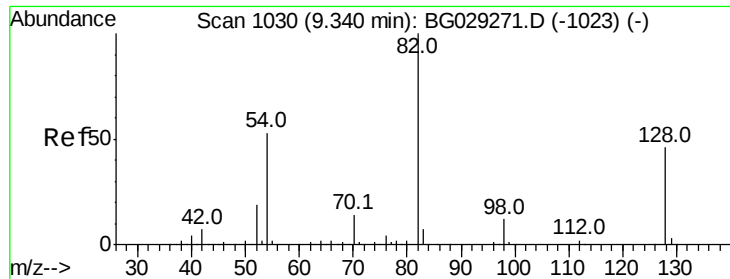
Abundance Ion 105.00 (104.70 to 105.70): E

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

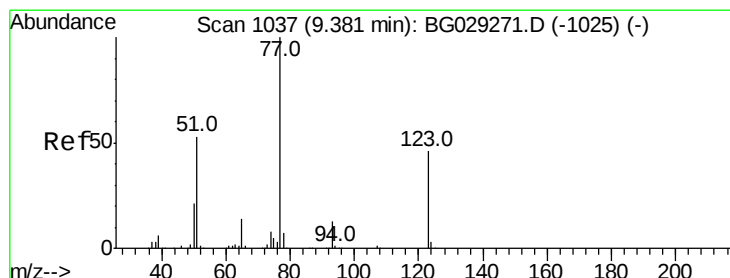
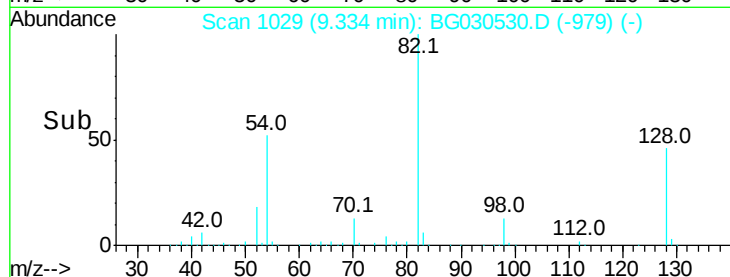
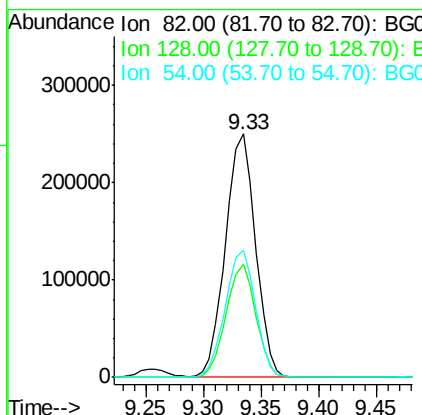
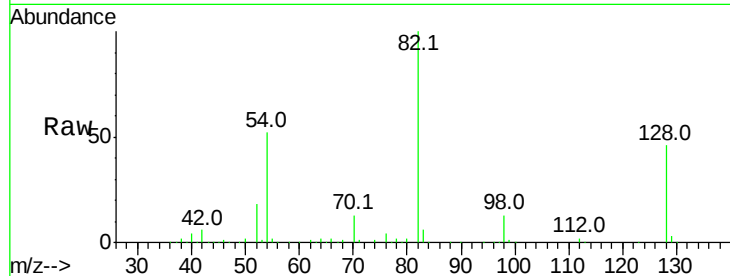




#23
 Nitrobenzene-d5
 Concen: 87.397 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

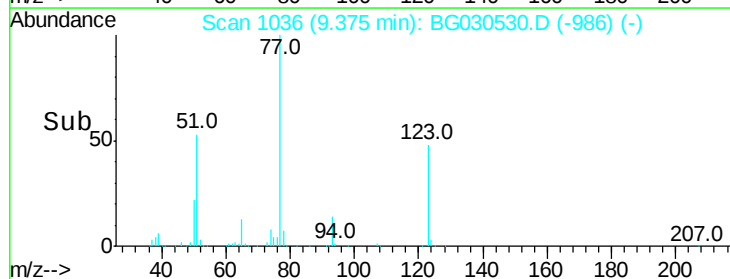
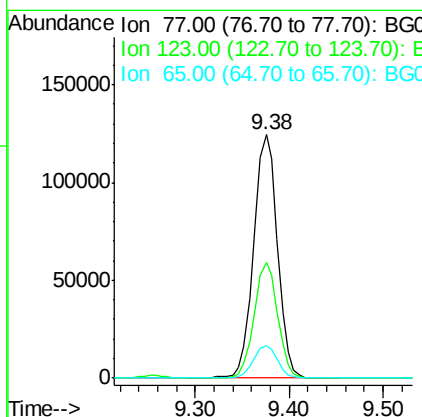
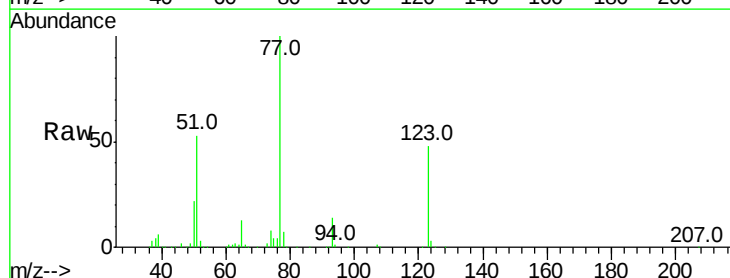
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

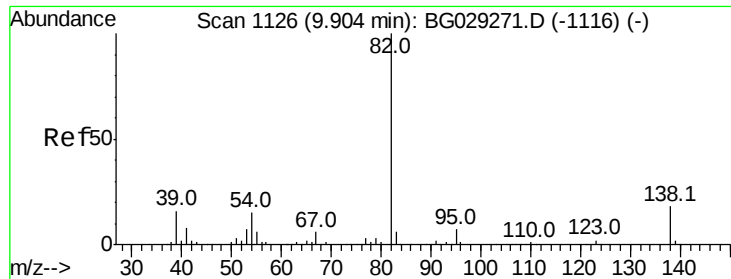
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	29.7	44.5#
54	52.3	43.1	64.7



#24
 Nitrobenzene
 Concen: 37.379 ng
 RT: 9.38 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	33.0	49.6
65	13.2	13.0	19.6





#25

Isophorone

Concen: 41.139 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

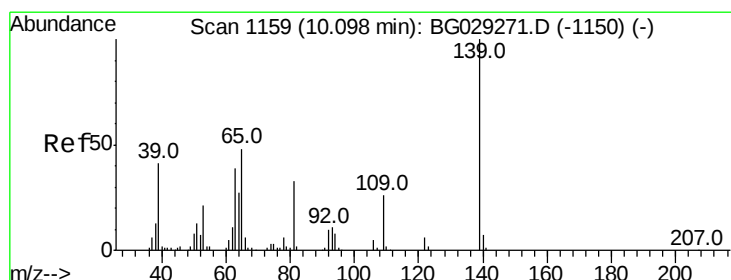
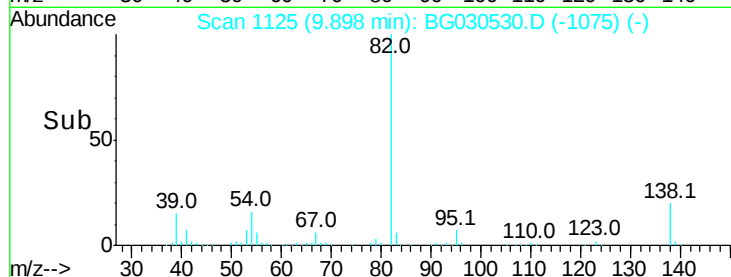
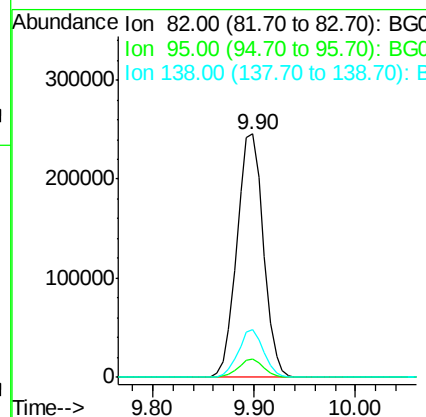
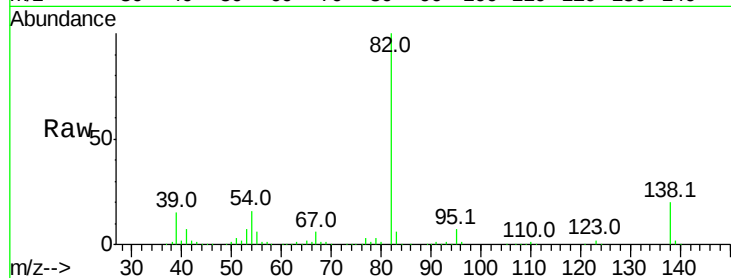
Tot Ion: 82 Resp: 445665

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 19.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 42.320 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

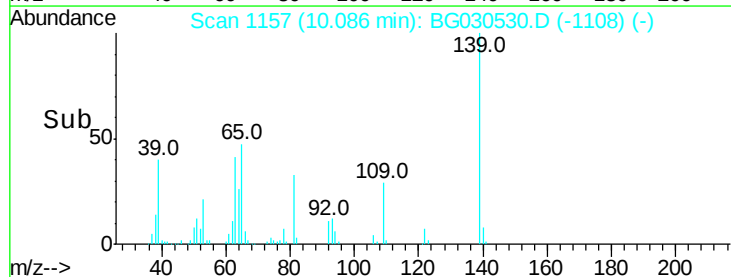
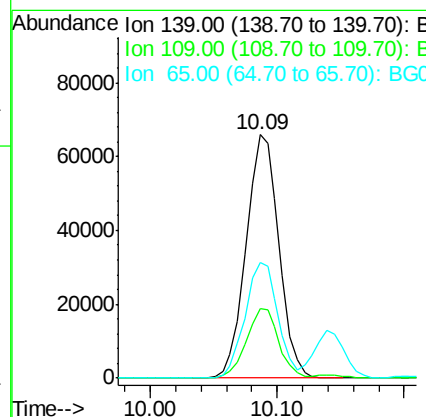
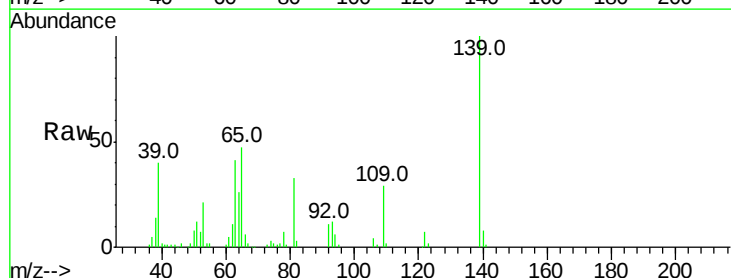
Tgt Ion:139 Resp: 118013

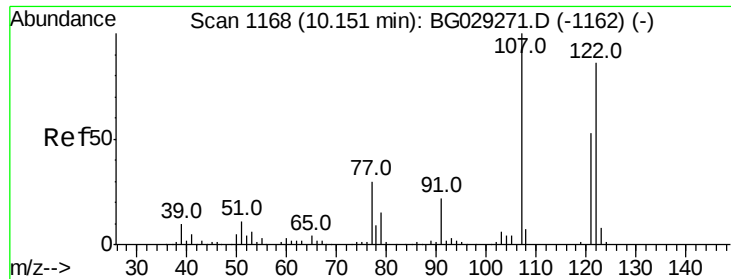
Ion Ratio Lower Upper

139 100

109 28.8 24.2 36.2

65 47.5 47.4 71.0

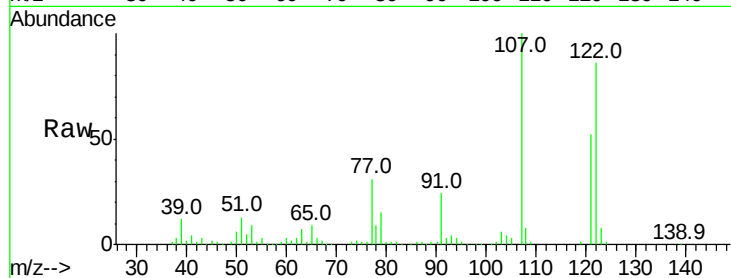




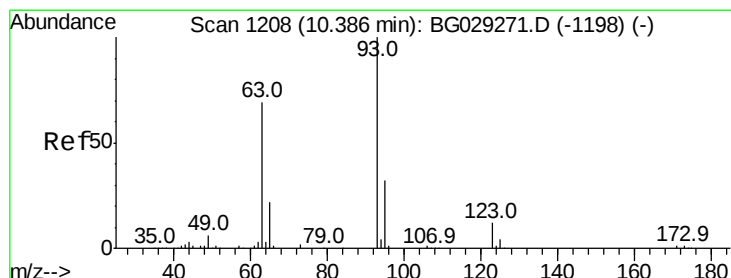
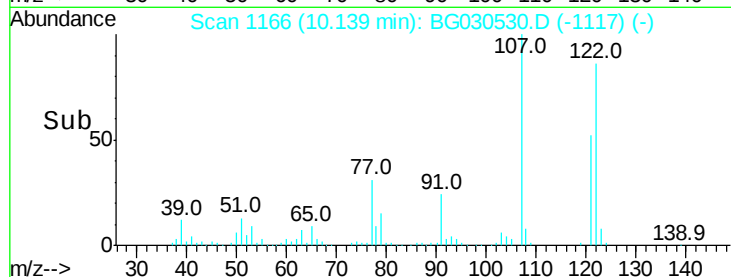
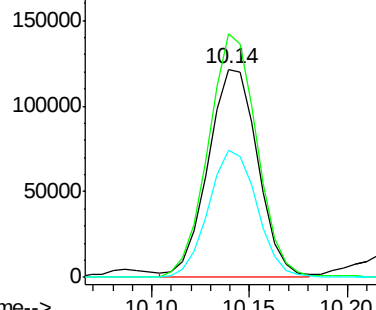
#27
2,4-Dimethylphenol
Concen: 42.405 ng
RT: 10.14 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:122 Resp: 213948
Ion Ratio Lower Upper
122 100
107 116.9 100.2 150.2
121 61.0 44.4 66.6

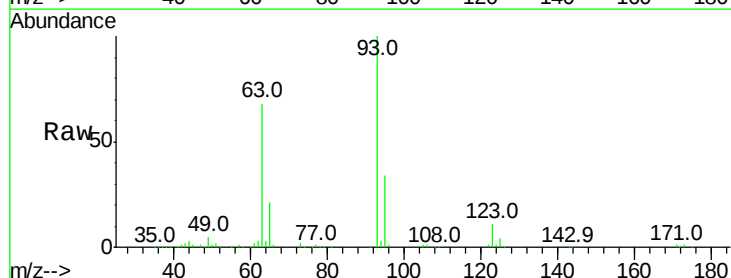


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

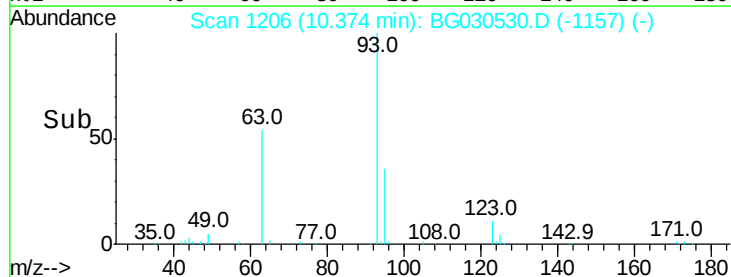
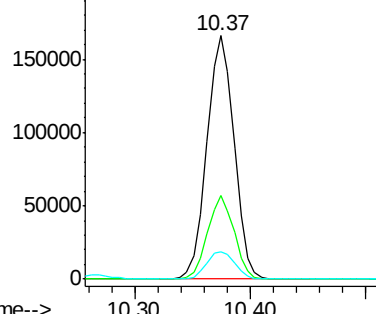


#28
bis(2-Chloroethoxy)methane
Concen: 40.743 ng
RT: 10.37 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion: 93 Resp: 270645
Ion Ratio Lower Upper
93 100
95 34.4 24.3 36.5
123 11.4 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

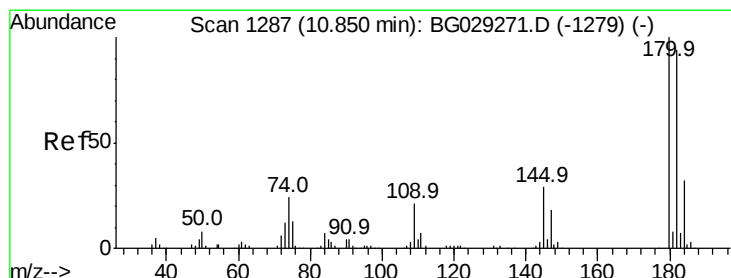
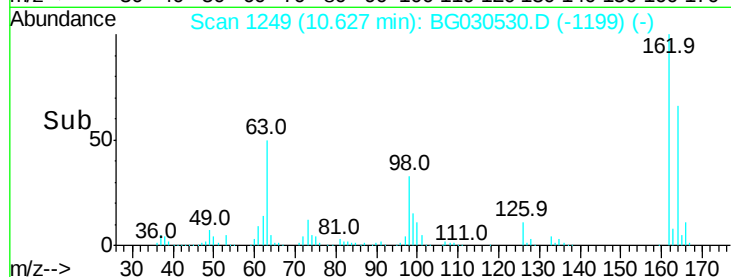
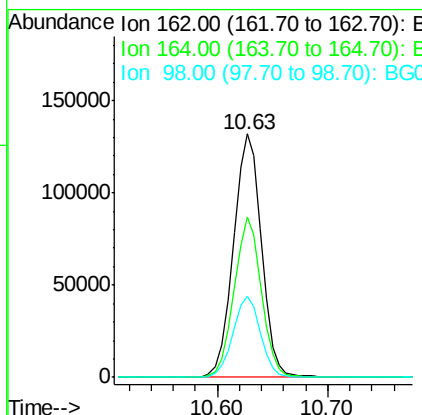
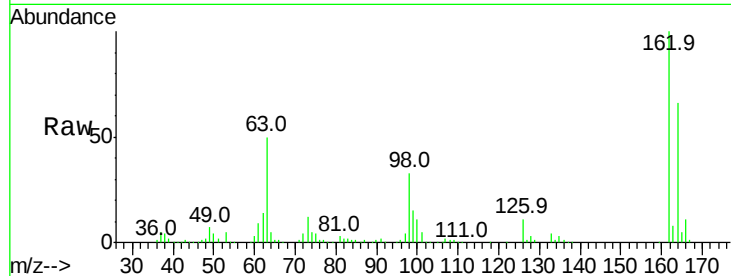




#29
 2,4-Dichlorophenol
 Concen: 43.608 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

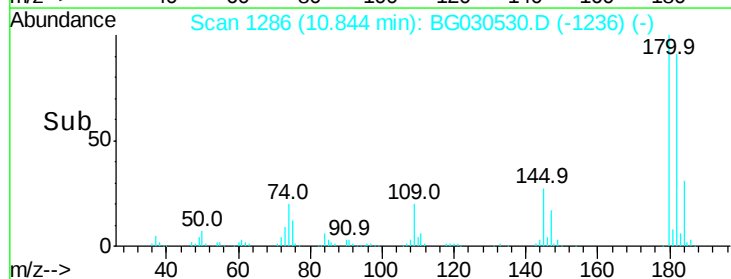
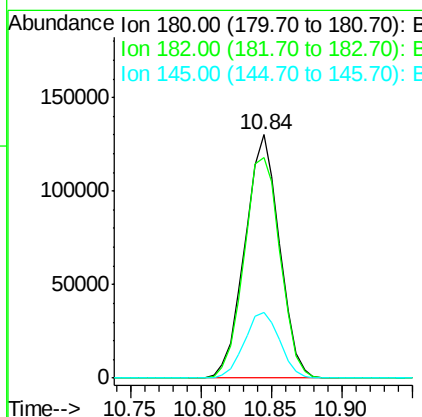
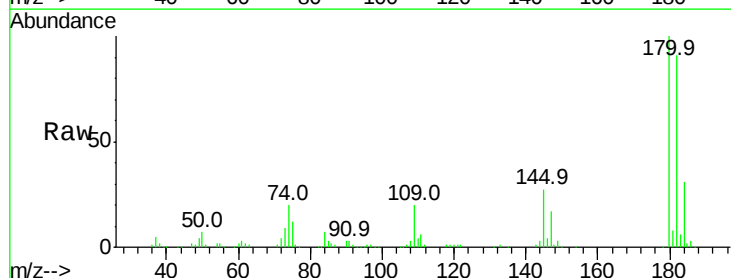
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

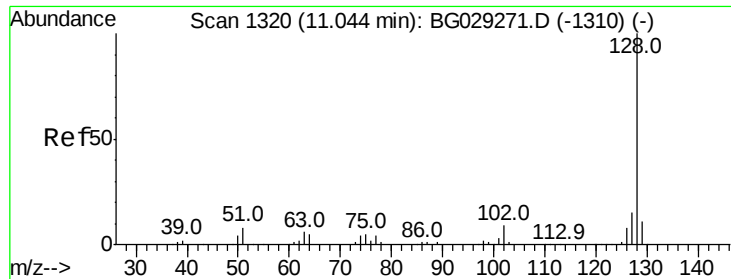
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	48.0	88.0
98	33.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.368 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	77.5	116.3
145	26.8	23.4	35.2

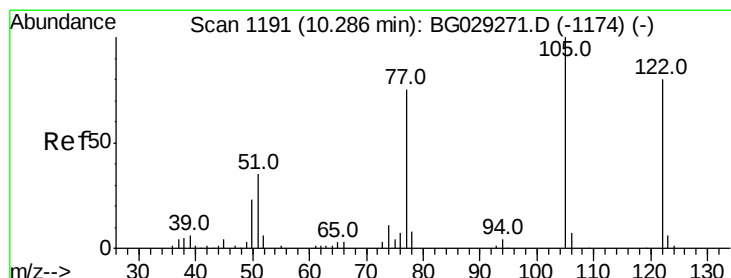
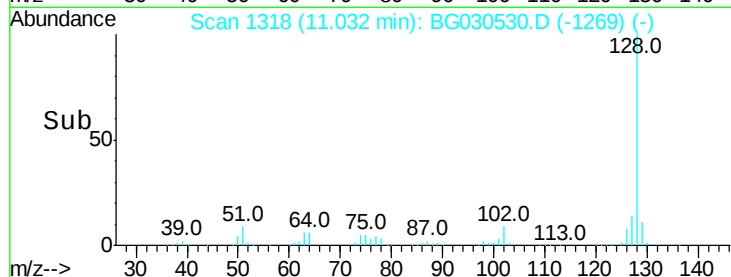
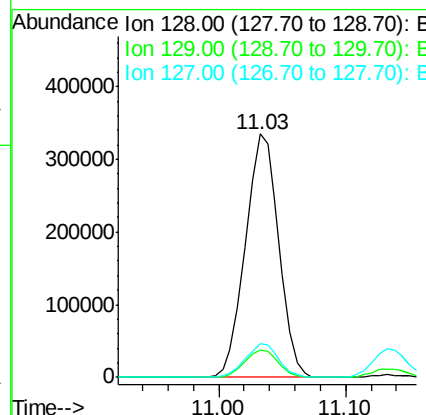
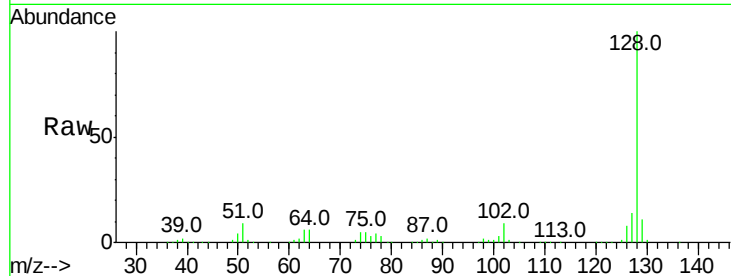




#31
Naphthalene
Concen: 37.148 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

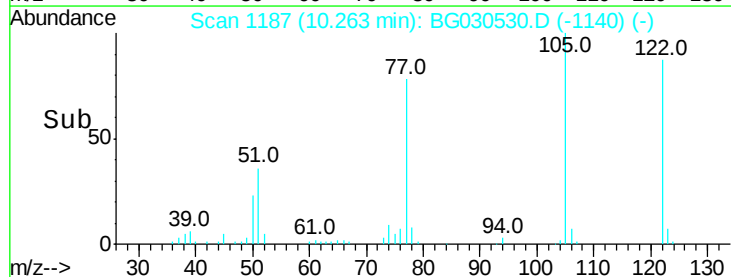
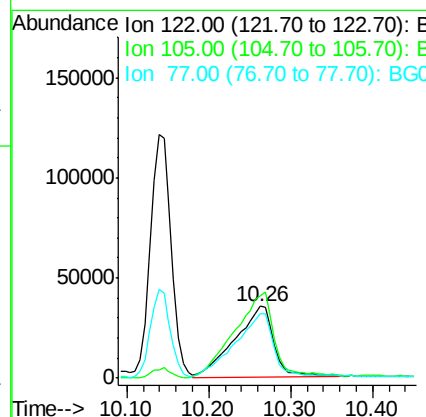
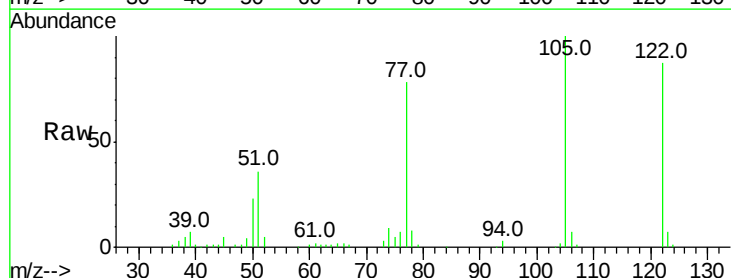
Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:128 Resp: 610508
Ion Ratio Lower Upper
128 100
129 11.4 8.6 12.8
127 13.9 11.6 17.4



#32
Benzoic acid
Concen: 28.022 ng
RT: 10.26 min Scan# 1187
Delta R.T. -0.02 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:122 Resp: 118380
Ion Ratio Lower Upper
122 100
105 115.4 123.5 163.5#
77 90.4 85.7 125.7

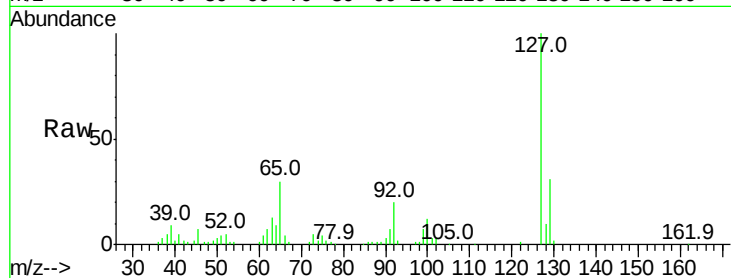




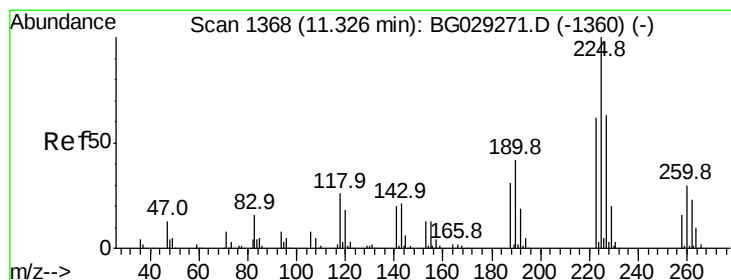
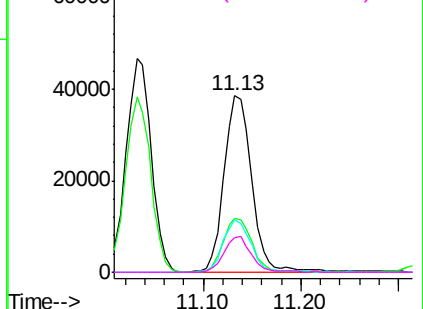
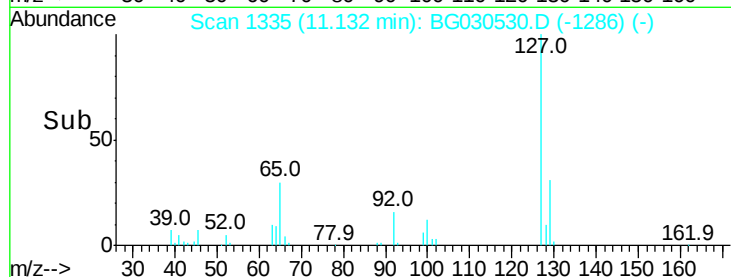
#33
4-Chloroaniline
Concen: 10.989 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:	127	Resp:	75969
Ion	Ratio	Lower	Upper
127	100		
129	30.5	24.0	36.0
65	29.6	27.0	40.4
92	19.6	16.6	25.0

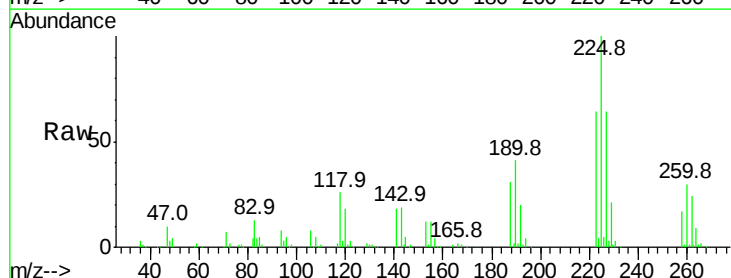


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

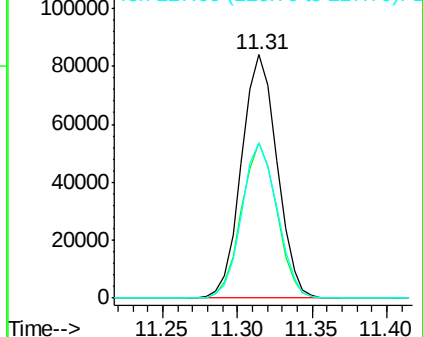
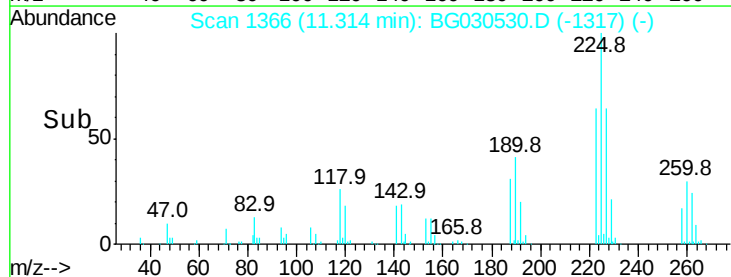


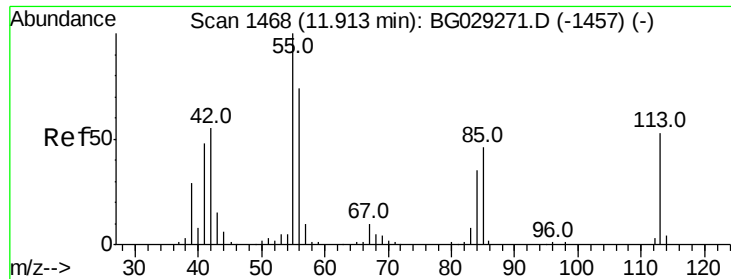
#34
Hexachlorobutadiene
Concen: 38.379 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:	225	Resp:	138698
Ion	Ratio	Lower	Upper
225	100		
223	63.8	49.7	74.5
227	63.9	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: 47.435 ng

RT: 11.90 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

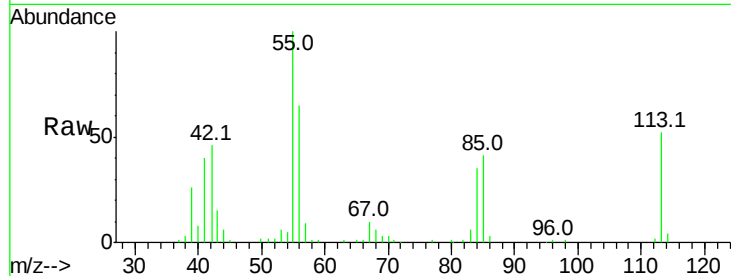
Tot Ion:113 Resp: 84818

Ion Ratio Lower Upper

113 100

55 191.4 186.9 226.9

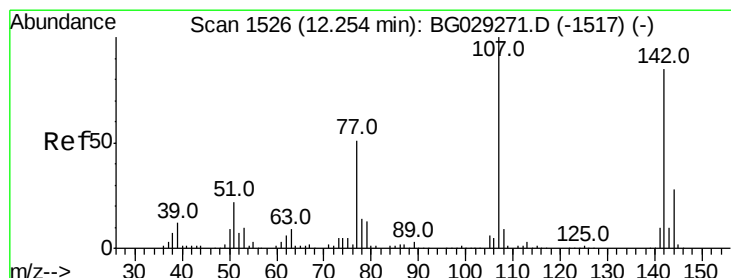
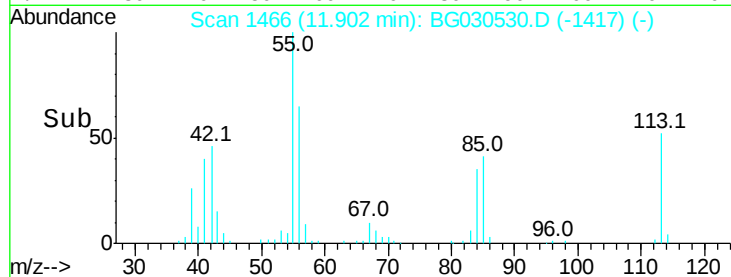
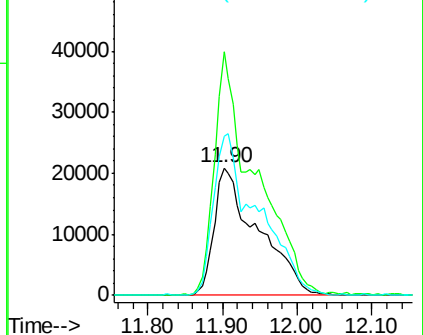
56 124.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.199 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

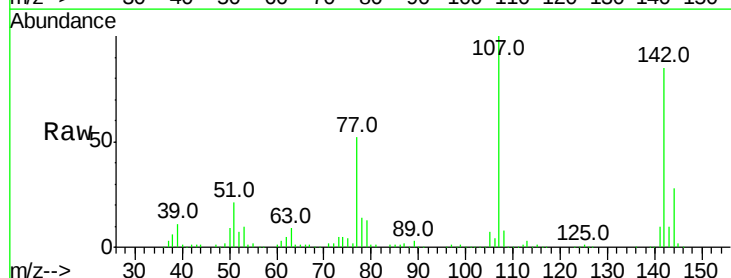
Tgt Ion:107 Resp: 243792

Ion Ratio Lower Upper

107 100

144 27.6 18.2 27.4#

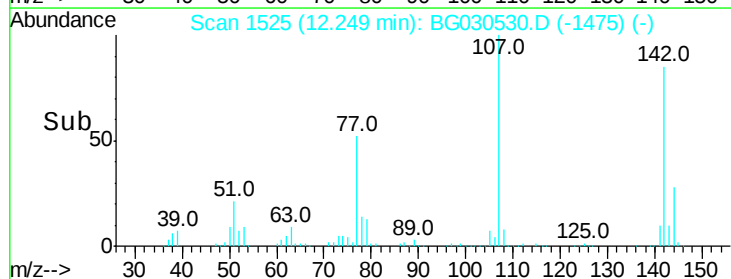
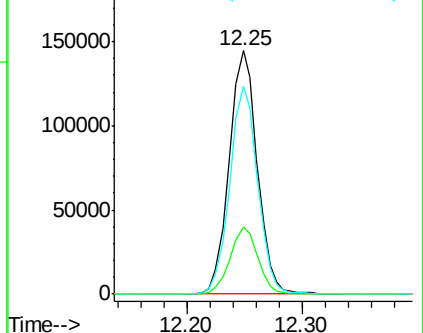
142 85.4 59.0 88.4

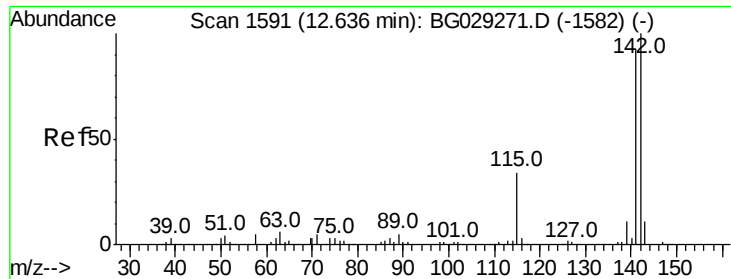


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

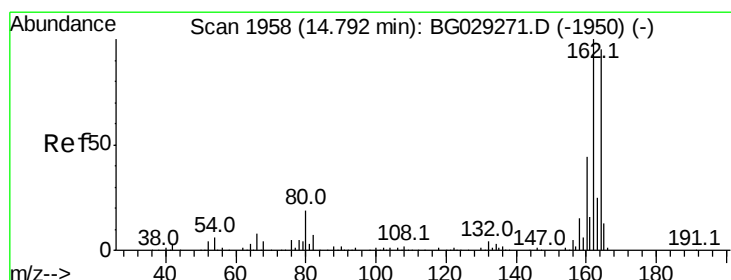
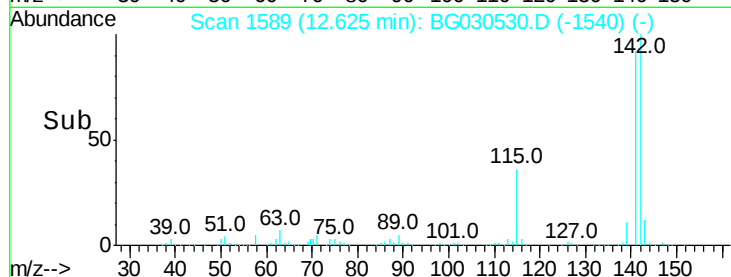
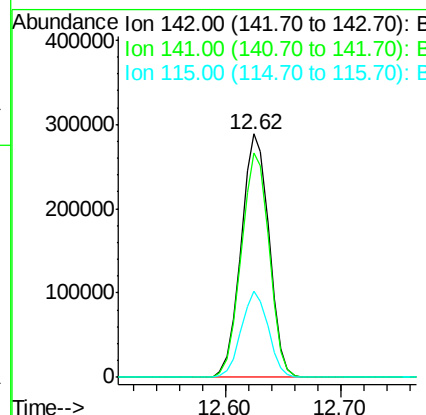
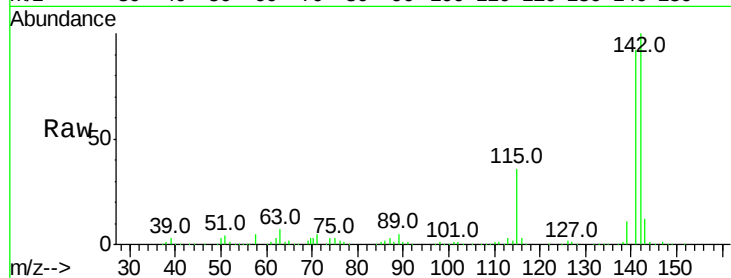




#37
2-Methylnaphthalene
Concen: 40.250 ng
RT: 12.62 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

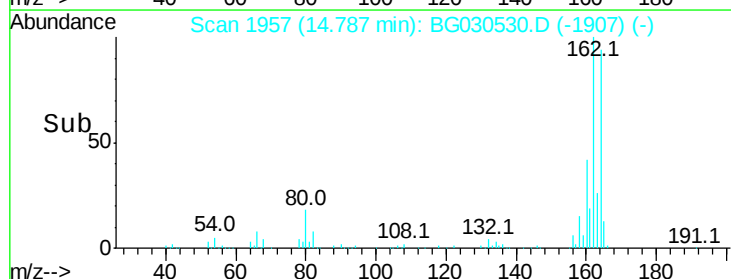
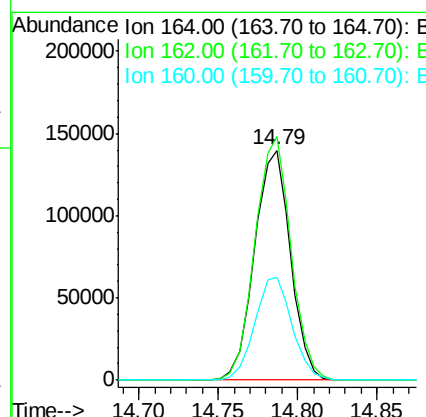
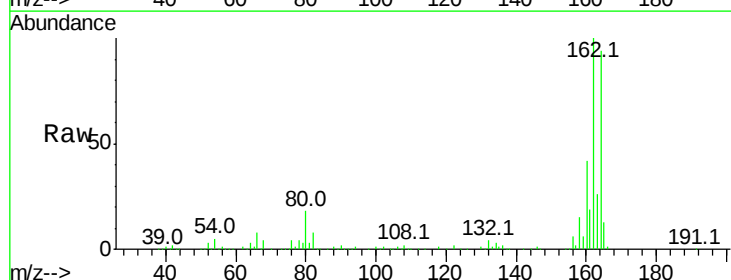
Instrument :
BNA_G
ClientSampleId :
PB103686BS

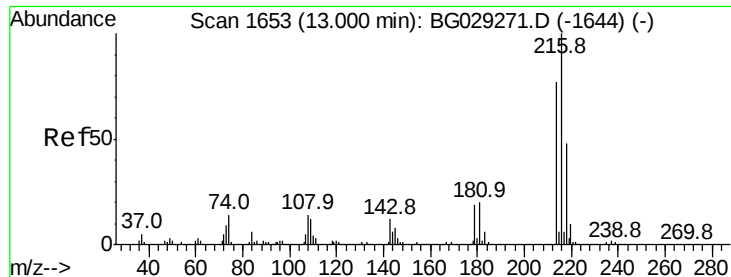
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	67.1	100.7
115	35.6	30.7	46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	78.8	118.2
160	44.6	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.886 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

Tot Ion:216 Resp: 272029

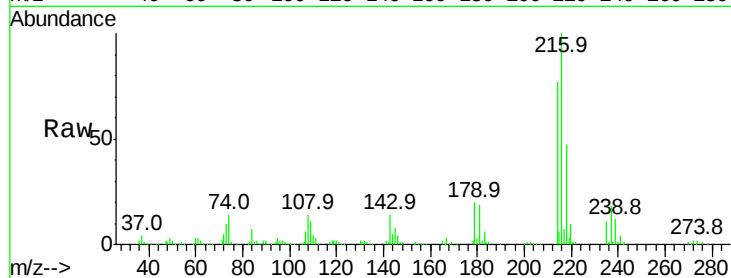
Ion Ratio Lower Upper

216 100

214 75.9 63.0 94.4

179 19.5 17.0 25.6

108 16.2 12.8 19.2

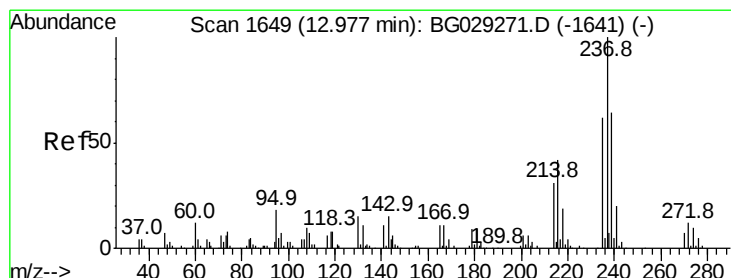
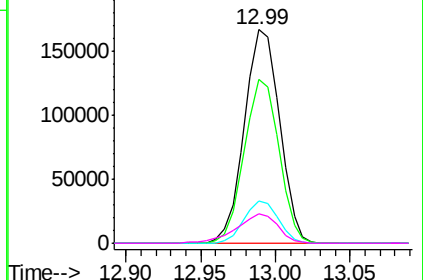
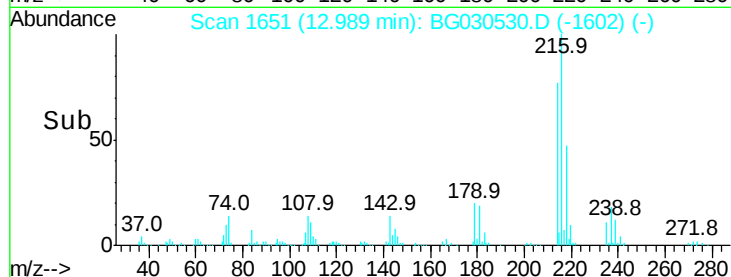


Abundance Ion 216.00 (215.70 to 216.70): E

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: 108.402 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.00 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

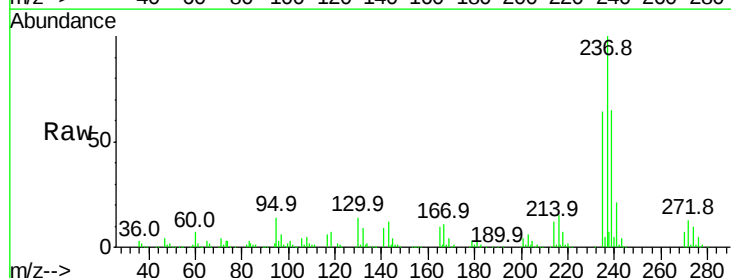
Tgt Ion:237 Resp: 335005

Ion Ratio Lower Upper

237 100

235 63.7 50.4 90.4

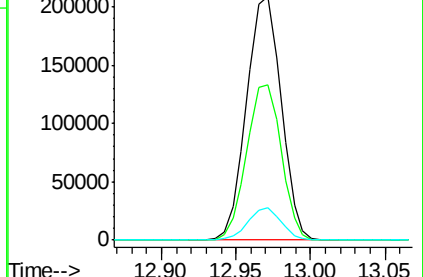
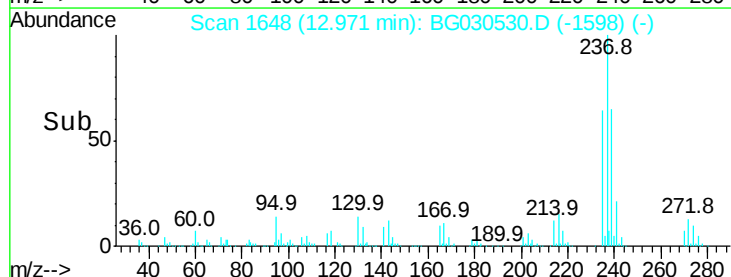
272 13.5 0.0 31.8



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: 143.231 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

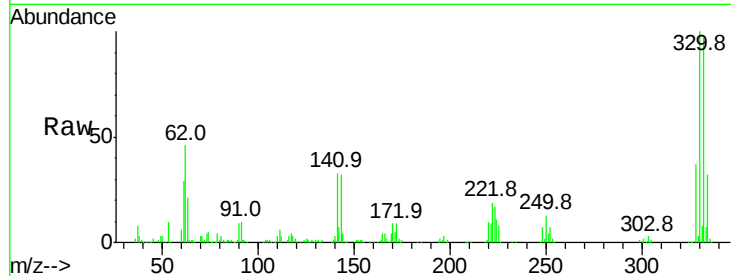
Tot Ion:330 Resp: 406614

Ion Ratio Lower Upper

330 100

332 97.0 77.0 115.6

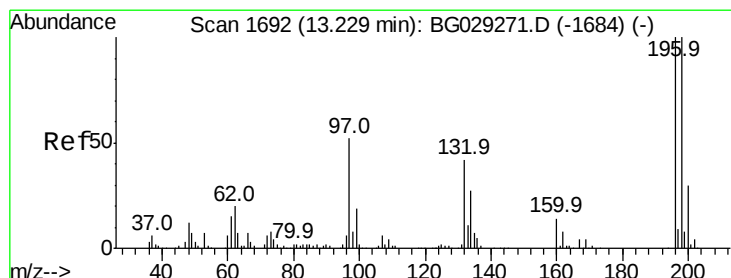
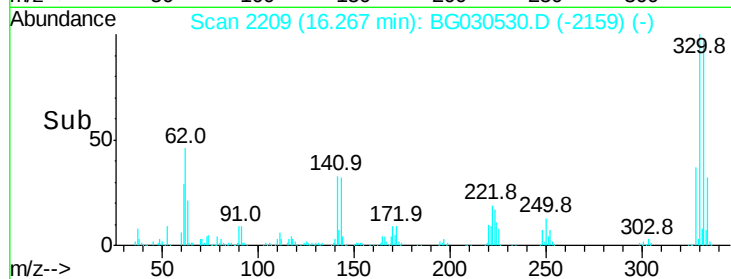
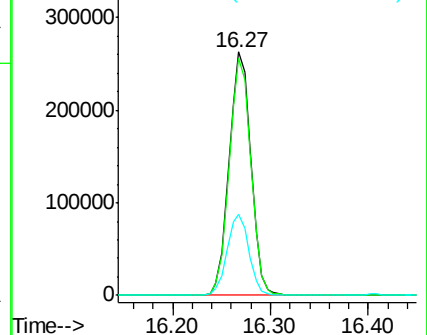
141 33.3 25.2 37.8



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: 40.696 ng

RT: 13.22 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

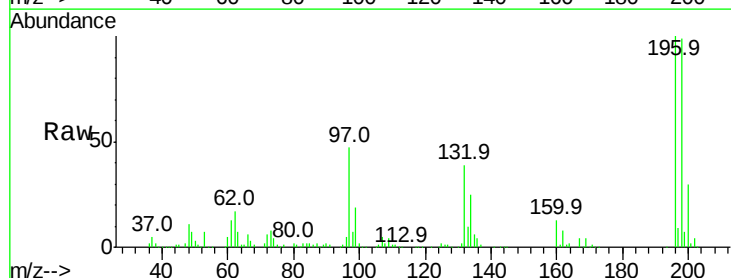
Tgt Ion:196 Resp: 205088

Ion Ratio Lower Upper

196 100

198 98.8 78.2 117.2

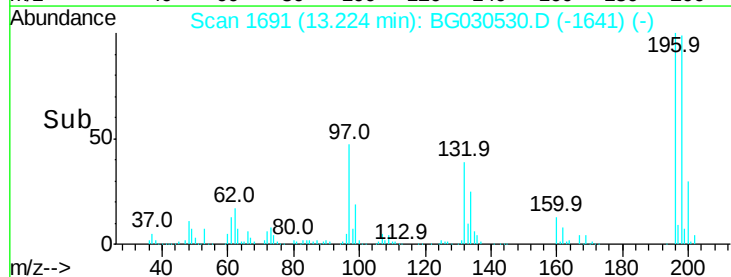
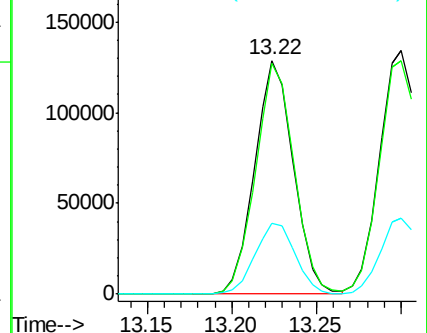
200 30.1 24.6 36.8

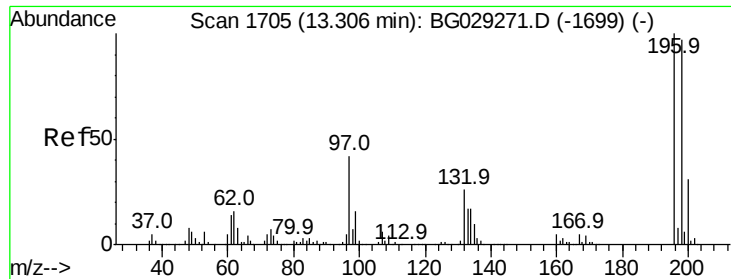


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

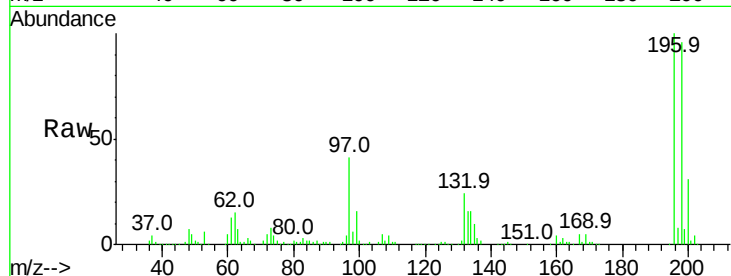




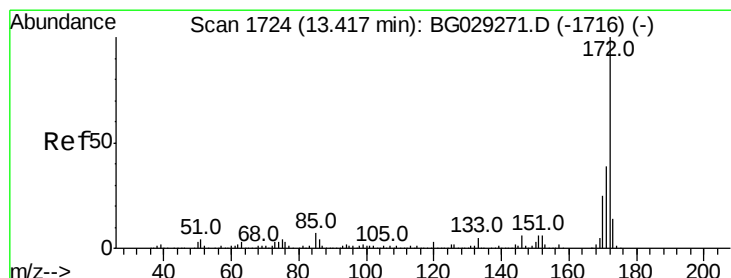
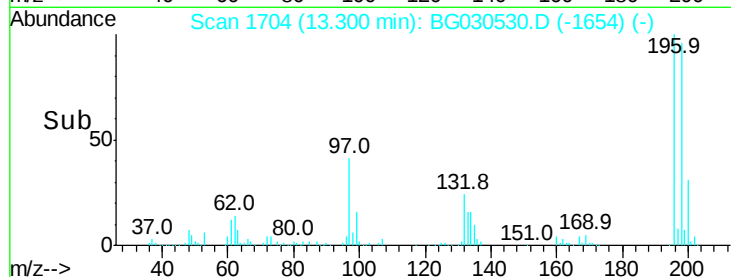
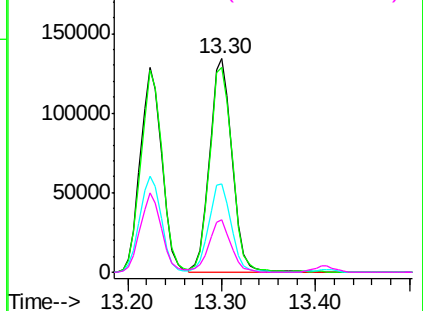
#43
 2,4,5-Trichlorophenol
 Concen: 43.484 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion:196 Resp: 225054
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.4
 97 41.2 38.7 58.1
 132 24.4 20.2 30.2

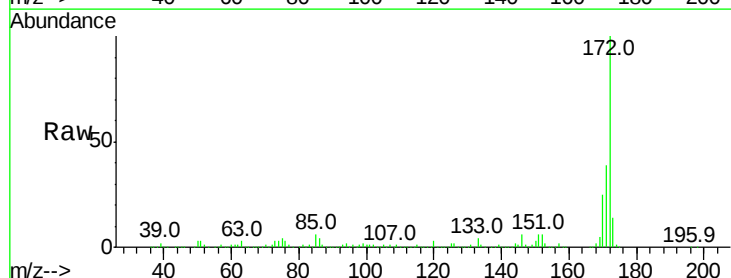


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

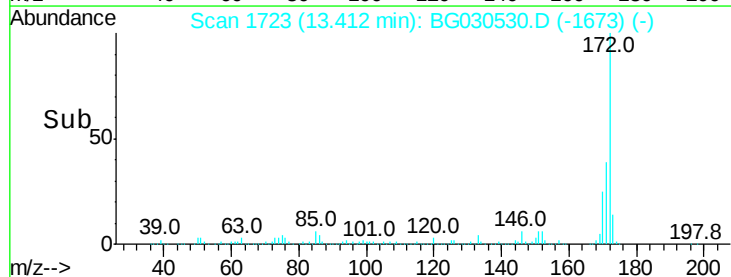
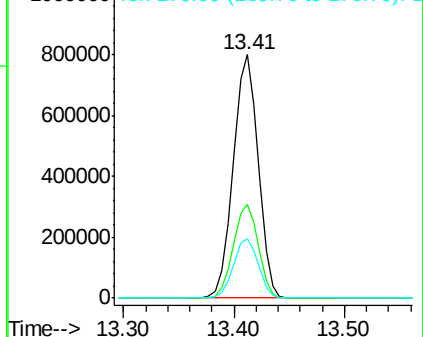


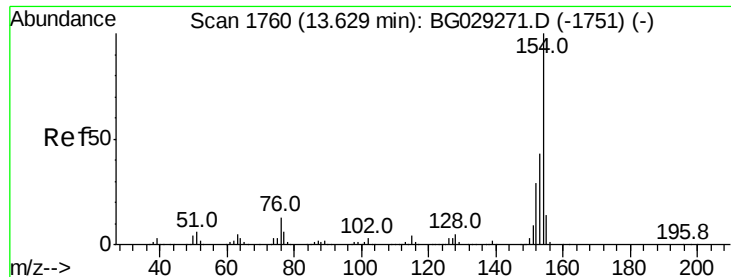
#44
 2-Fluorobiphenyl
 Concen: 84.426 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:172 Resp: 1265711
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 24.6 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 35.089 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

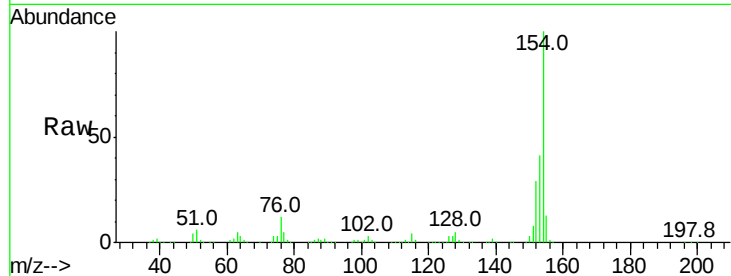
Tot Ion:154 Resp: 663157

Ion Ratio Lower Upper

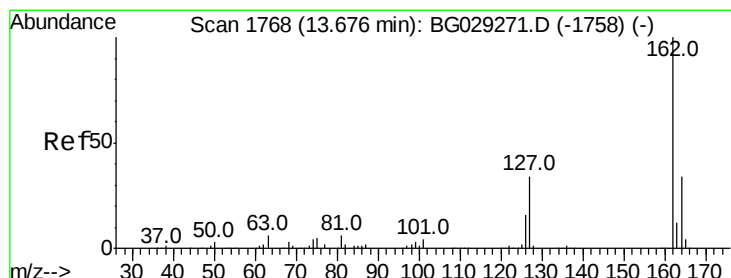
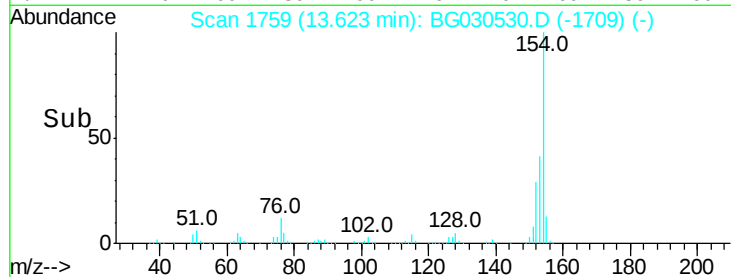
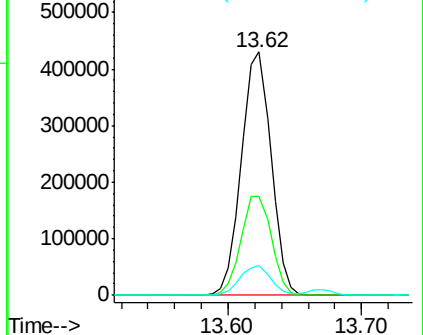
154 100

153 40.6 19.8 59.8

76 12.1 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): B



#46

2-Chloronaphthalene

Concen: 37.509 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

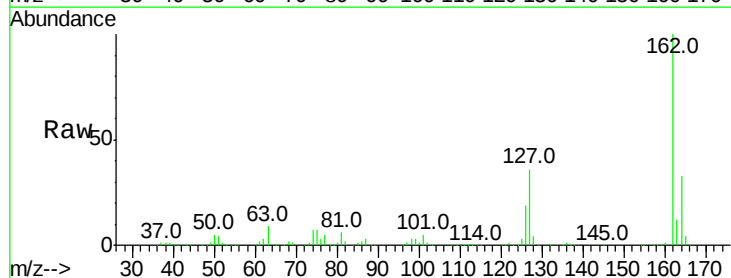
Tgt Ion:162 Resp: 517078

Ion Ratio Lower Upper

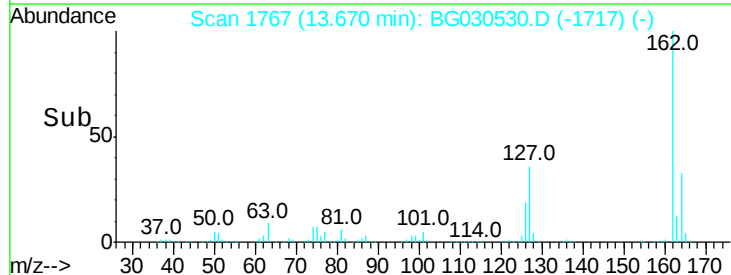
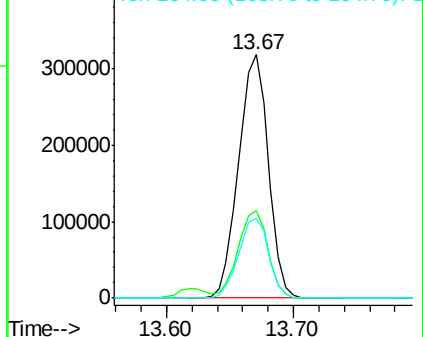
162 100

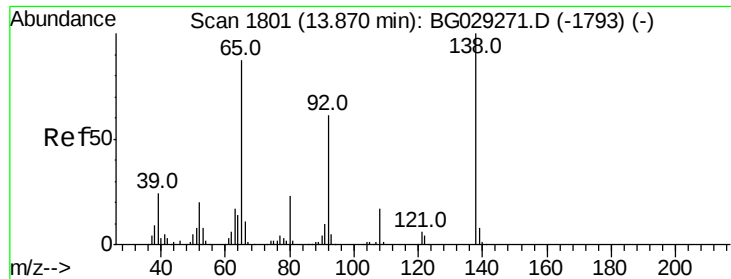
127 35.9 30.7 46.1

164 33.0 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

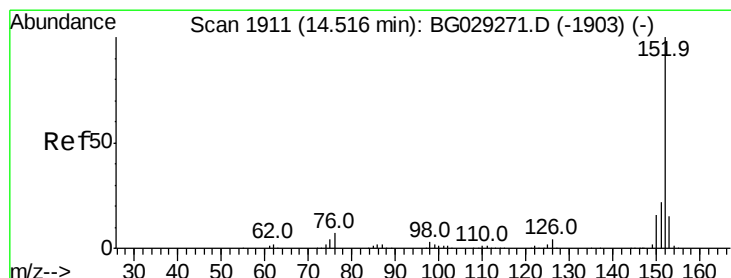
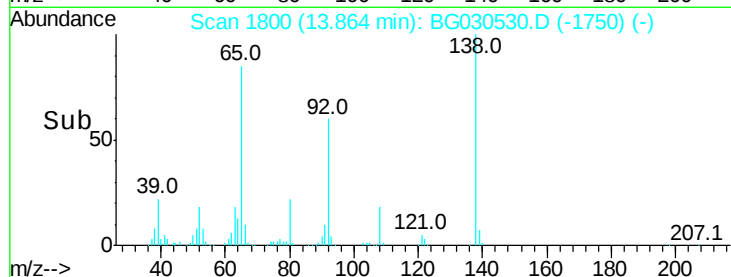
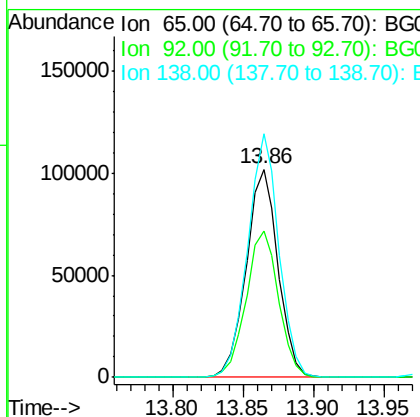
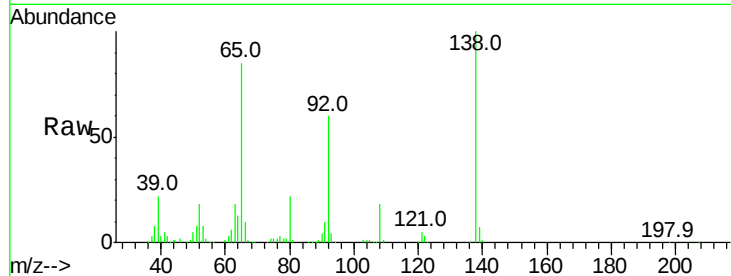




#47
2-Nitroaniline
Concen: 42.585 ng
RT: 13.86 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

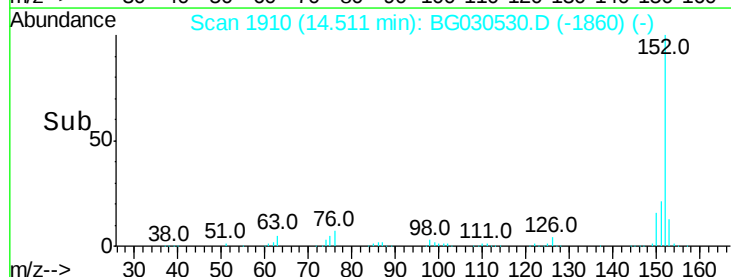
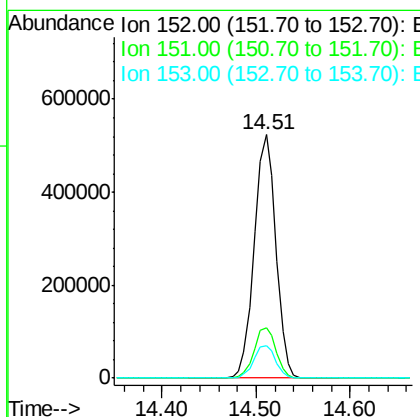
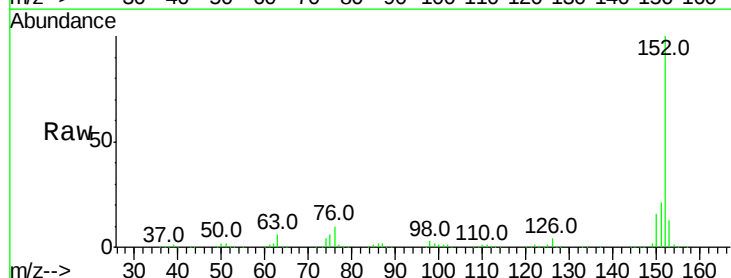
Instrument :
BNA_G
ClientSampleId :
PB103686BS

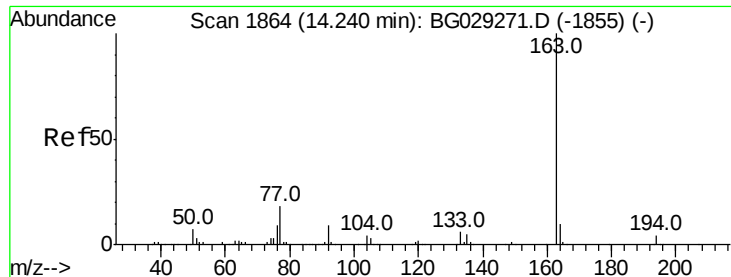
Tot Ion: 65 Resp: 161248
Ion Ratio Lower Upper
65 100
92 70.4 54.6 82.0
138 117.2 72.9 109.3#



#48
Acenaphthylene
Concen: 38.593 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion: 152 Resp: 832647
Ion Ratio Lower Upper
152 100
151 20.9 17.2 25.8
153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 41.543 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

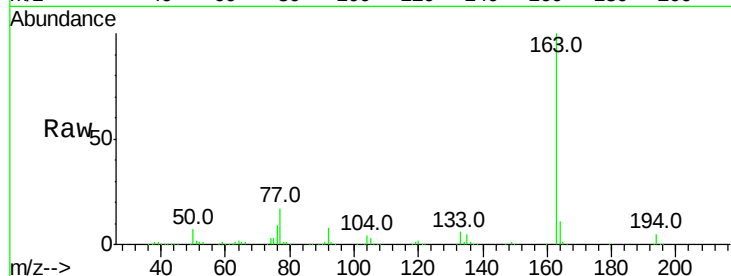
Tot Ion:163 Resp: 712696

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.23

600000

500000

400000

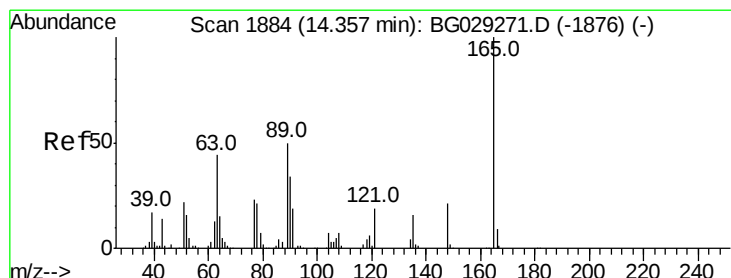
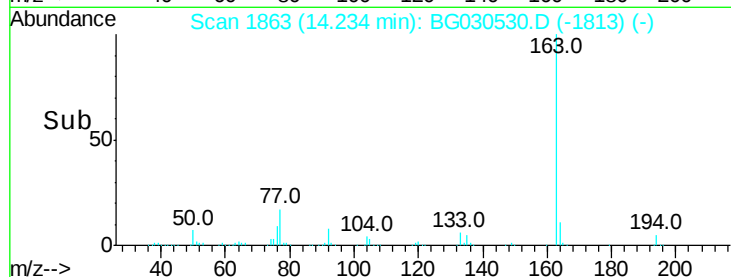
300000

200000

100000

0

Time-->



#50

2,6-Dinitrotoluene

Concen: 44.394 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

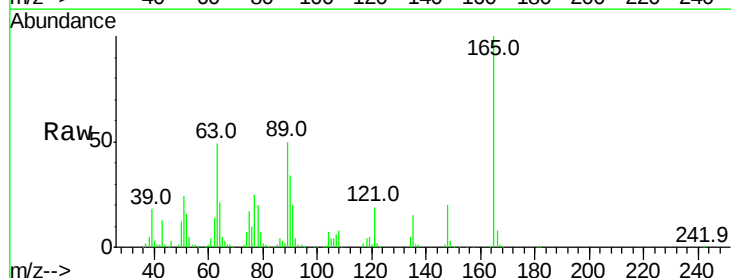
Tgt Ion:165 Resp: 159655

Ion Ratio Lower Upper

165 100

63 49.2 52.7 79.1#

89 49.8 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

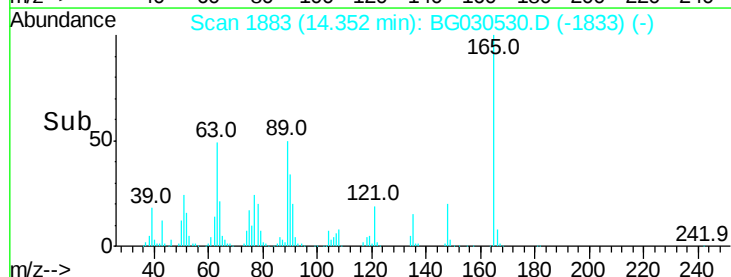
14.35

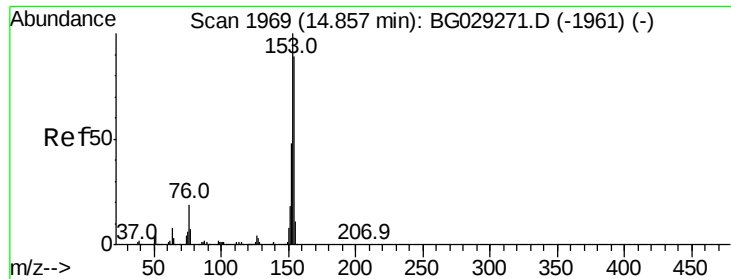
100000

50000

0

Time-->





#51

Acenaphthene

Concen: 35.979 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

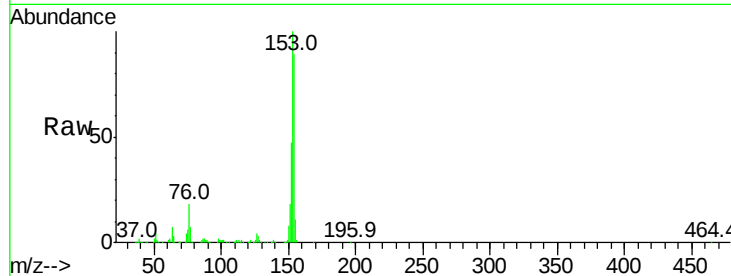
Tot Ion:154 Resp: 505059

Ion Ratio Lower Upper

154 100

153 112.2 90.4 135.6

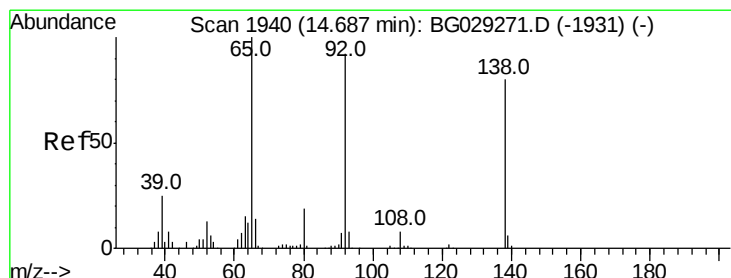
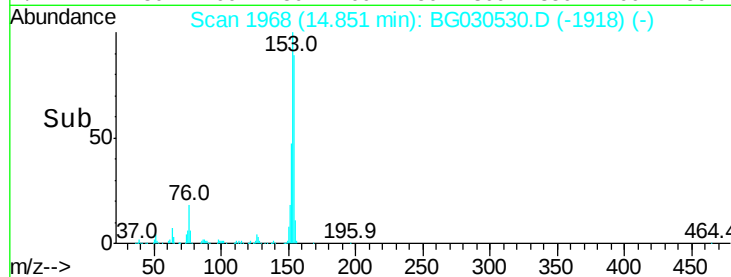
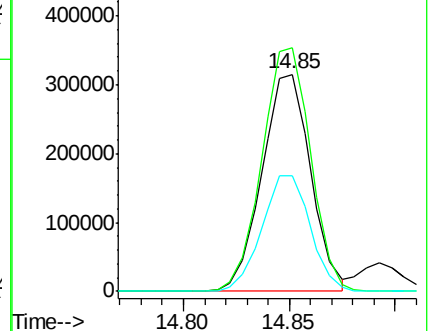
152 53.1 41.6 62.4



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: 10.578 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

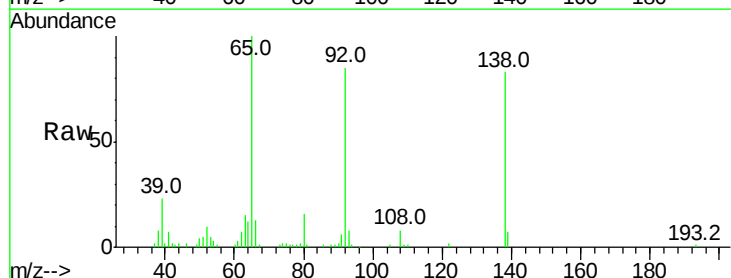
Tgt Ion:138 Resp: 41050

Ion Ratio Lower Upper

138 100

108 10.0 17.5 26.3#

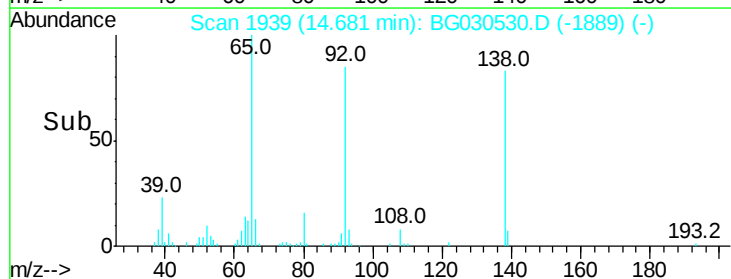
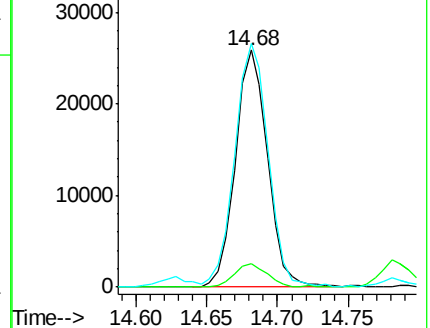
92 102.7 105.8 158.8#



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

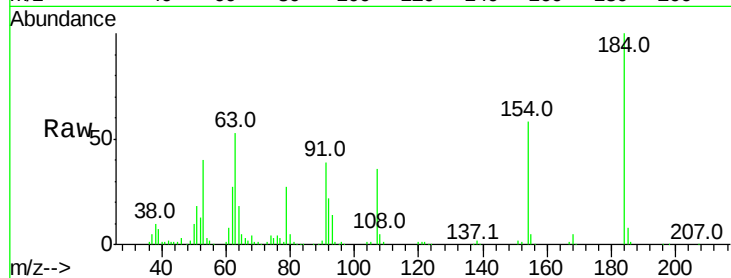




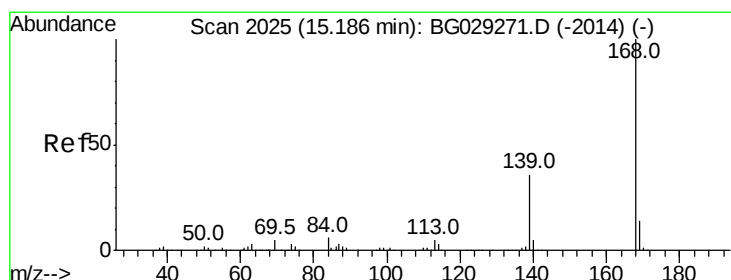
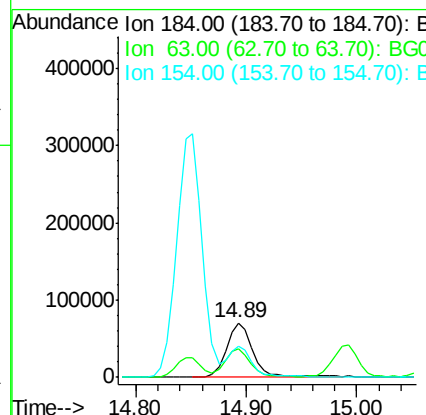
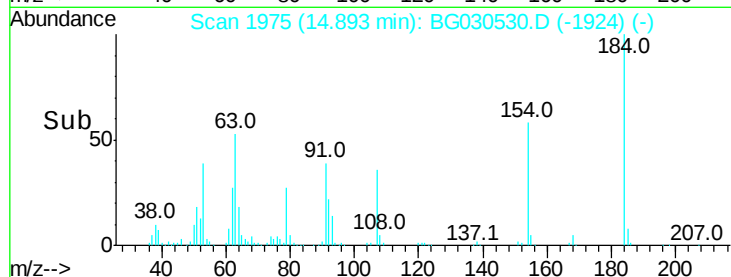
#53
2,4-Dinitrophenol
Concen: 61.582 ng
RT: 14.89 min Scan# 1975
Delta R.T. 0.00 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:184 Resp: 118659
Ion Ratio Lower Upper
184 100
63 53.1 59.8 89.8#
154 57.7 101.8 152.8#

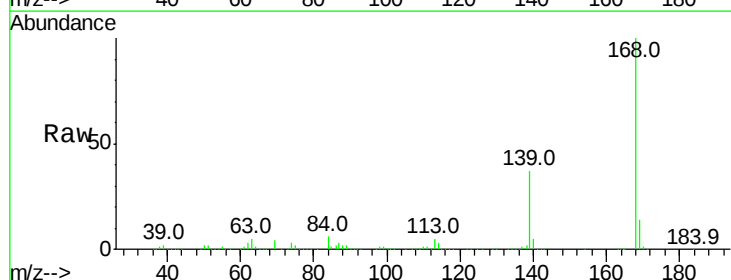


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

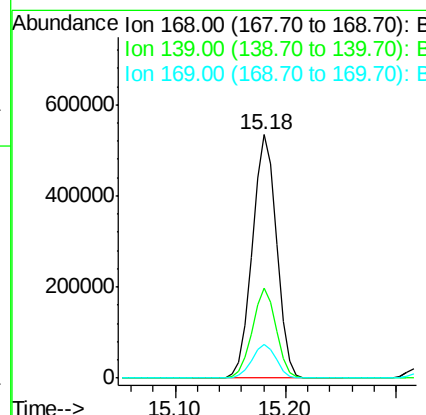
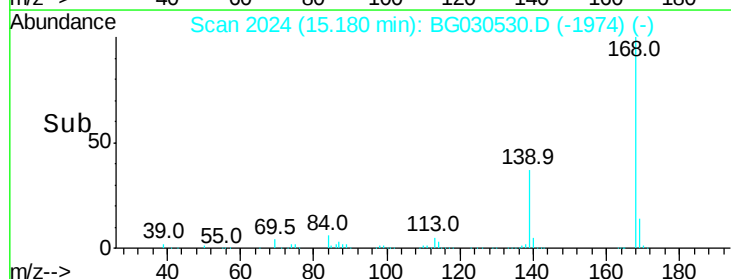


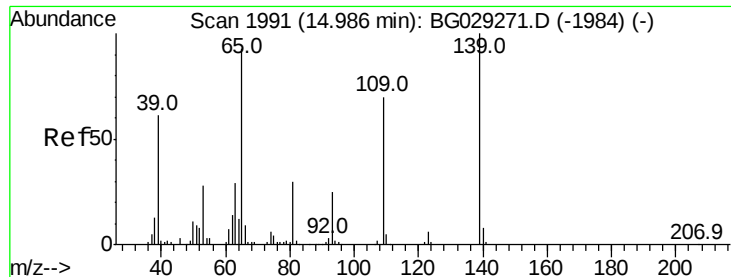
#54
Dibenzofuran
Concen: 41.092 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:168 Resp: 823465
Ion Ratio Lower Upper
168 100
139 37.0 28.6 43.0
169 14.0 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

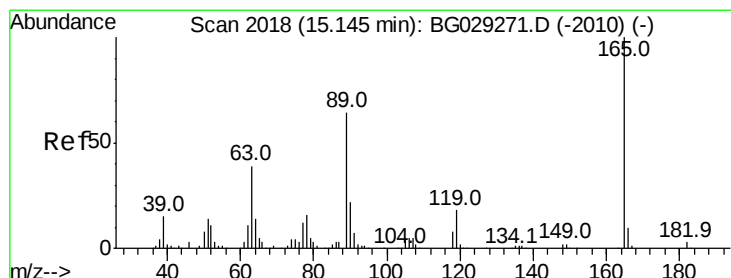
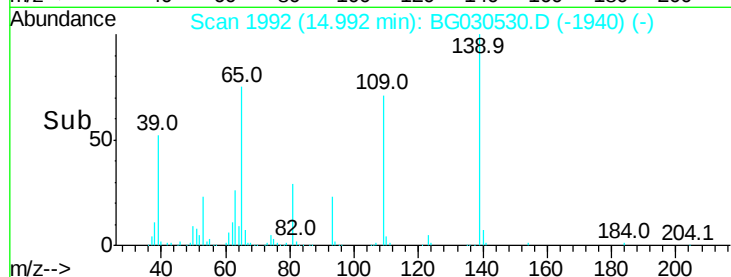
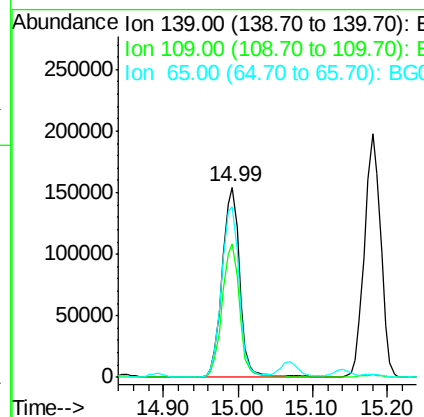
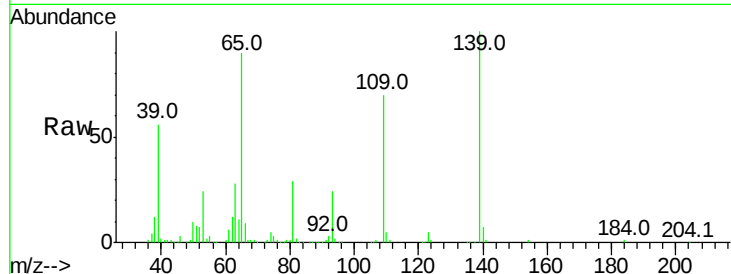




#55
4-Nitrophenol
Concen: 79.560 ng
RT: 14.99 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

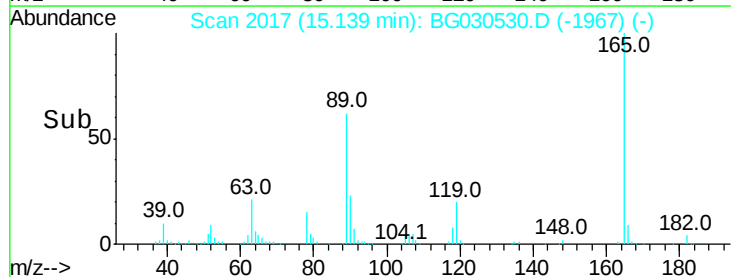
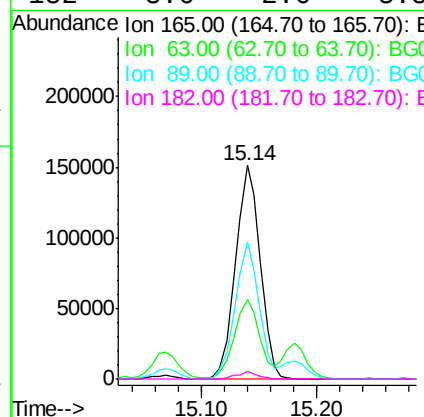
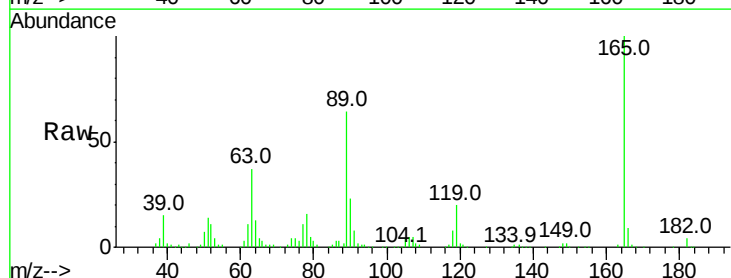
Instrument :
BNA_G
ClientSampleId :
PB103686BS

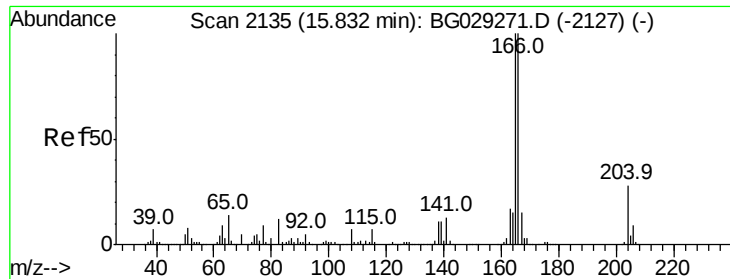
Tot Ion:139 Resp: 254542
Ion Ratio Lower Upper
139 100
109 70.2 62.2 102.2
65 89.9 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 45.726 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:165 Resp: 222612
Ion Ratio Lower Upper
165 100
63 37.2 42.0 63.0#
89 64.0 66.9 100.3#
182 3.6 2.6 3.8





#57

Fluorene

Concen: 39.387 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

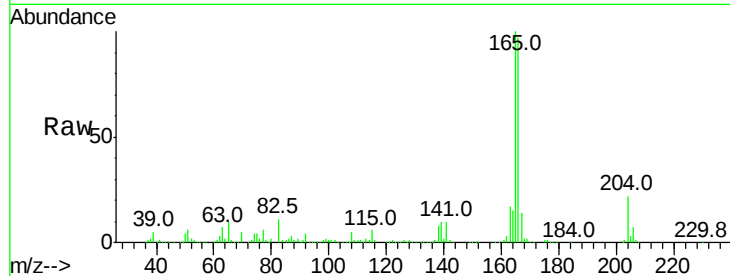
Tot Ion:166 Resp: 652039

Ion Ratio Lower Upper

166 100

165 103.5 80.6 121.0

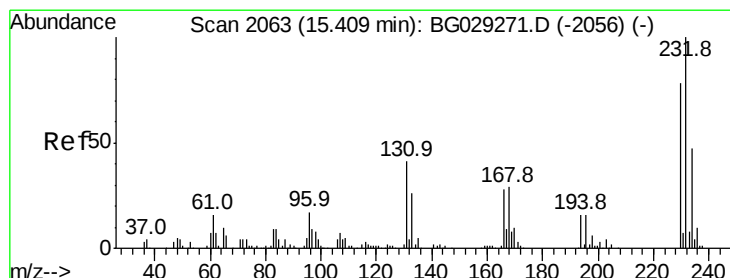
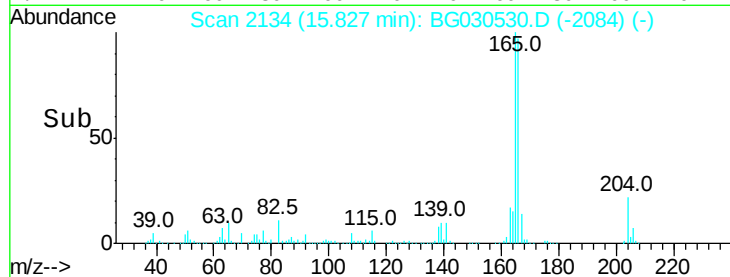
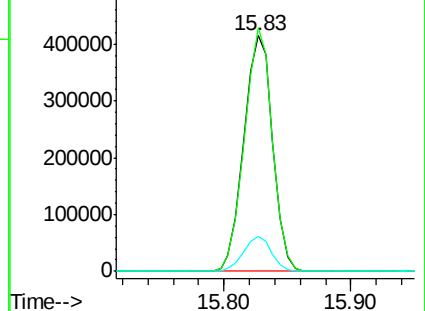
167 14.7 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.648 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Tgt Ion:232 Resp: 214376

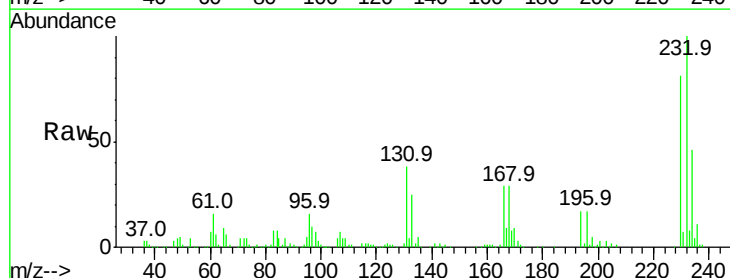
Ion Ratio Lower Upper

232 100

131 37.6 33.5 50.3

130 2.1 2.2 3.2#

166 27.3 24.8 37.2

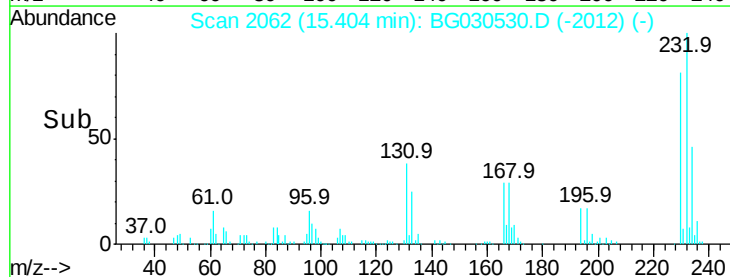
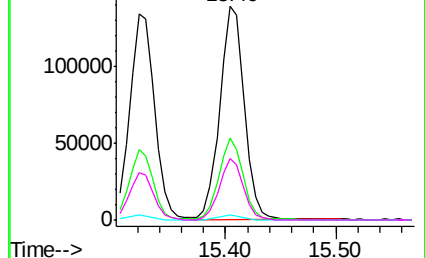


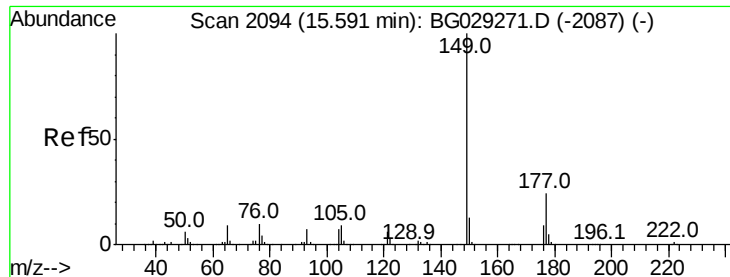
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

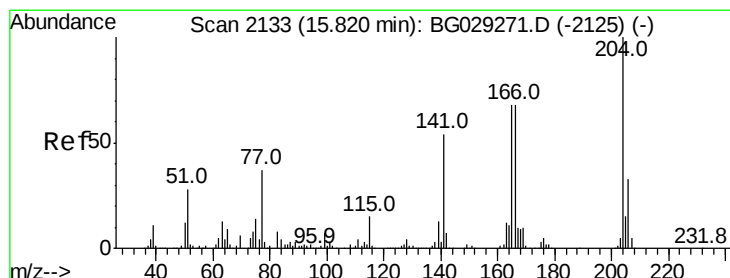
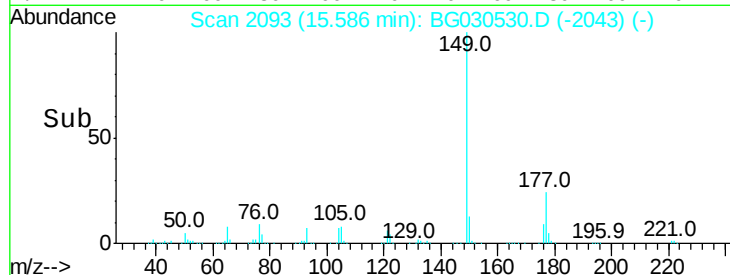
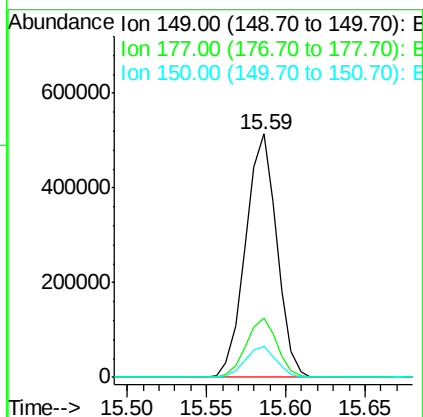
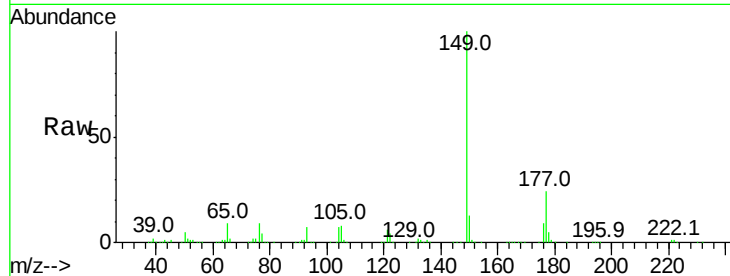




#59
Diethylphthalate
Concen: 41.186 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

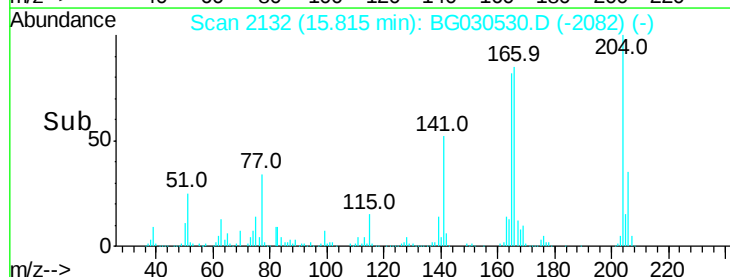
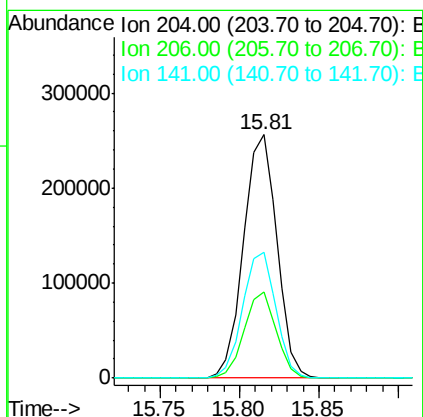
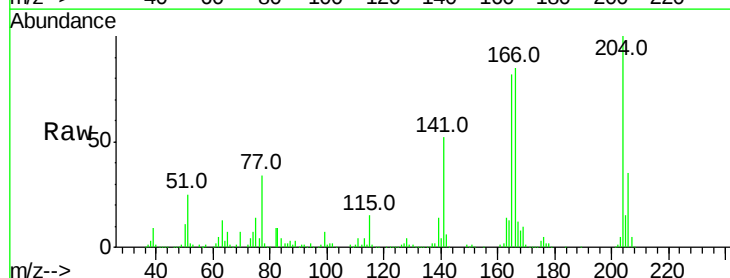
Instrument :
BNA_G
ClientSampleId :
PB103686BS

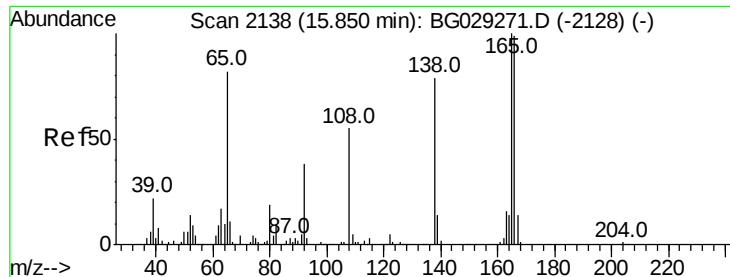
Tot Ion:149 Resp: 704159
Ion Ratio Lower Upper
149 100
177 24.2 18.5 27.7
150 12.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.308 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:204 Resp: 373429
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 51.8 45.8 68.6

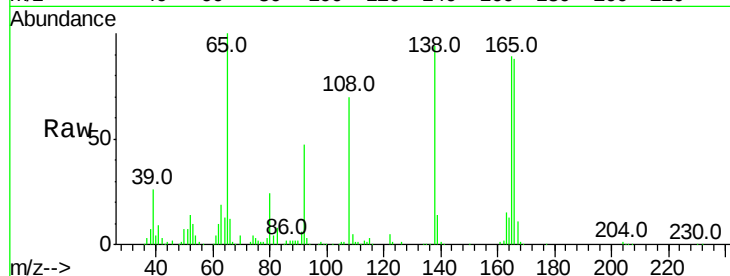




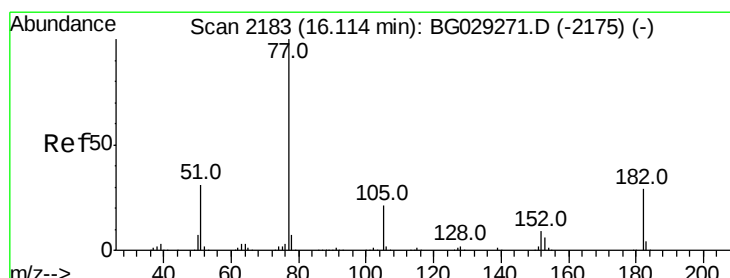
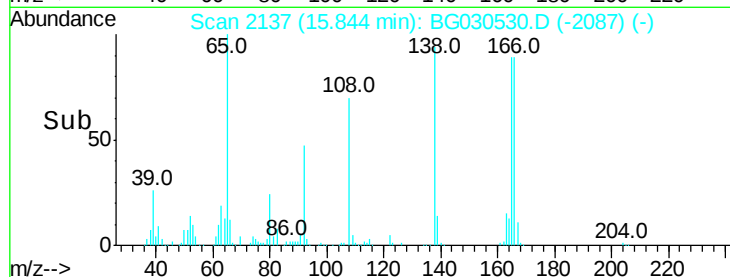
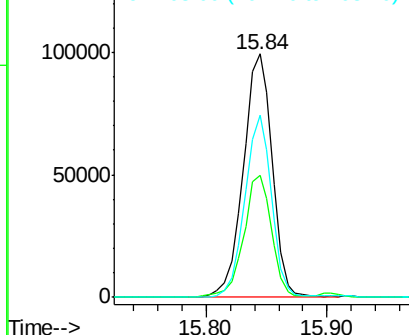
#61
4-Nitroaniline
Concen: 41.765 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:138 Resp: 166427
Ion Ratio Lower Upper
138 100
92 50.0 40.1 80.1
108 74.6 65.4 105.4

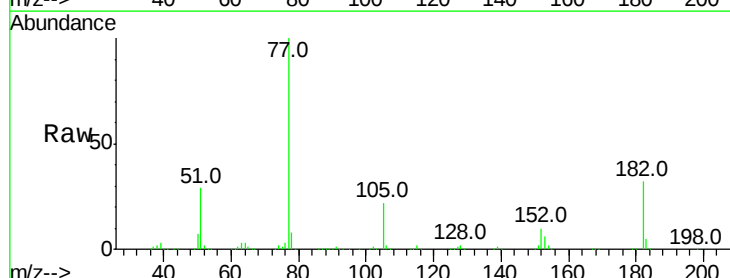


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

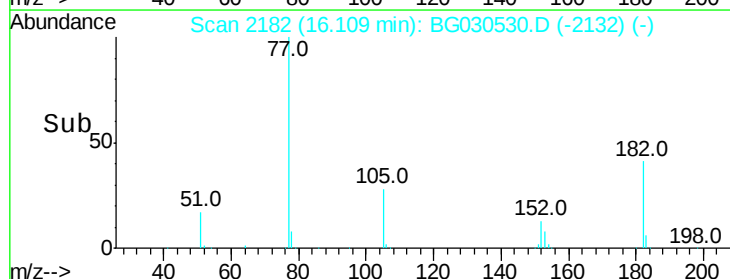
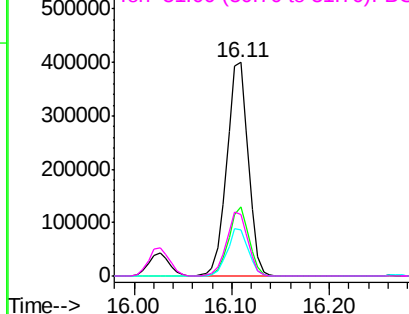


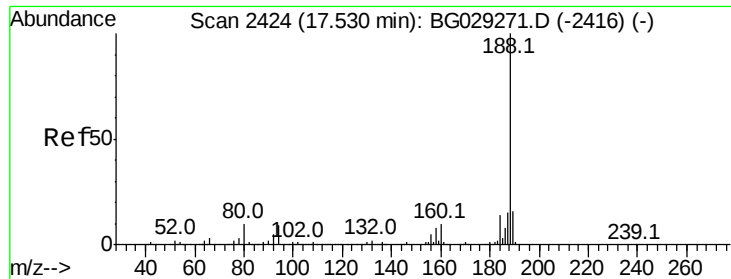
#62
Azobenzene
Concen: 42.158 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion: 77 Resp: 607816
Ion Ratio Lower Upper
77 100
182 32.2 7.4 47.4
105 21.8 0.3 40.3
51 29.0 11.6 51.6



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

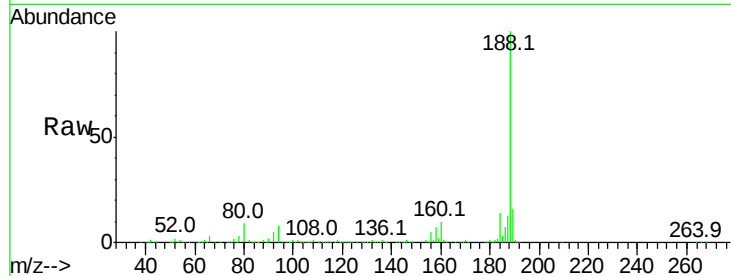




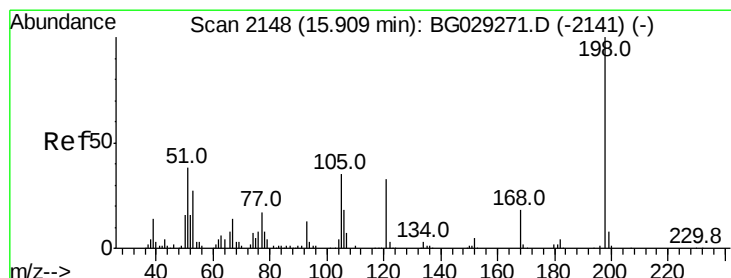
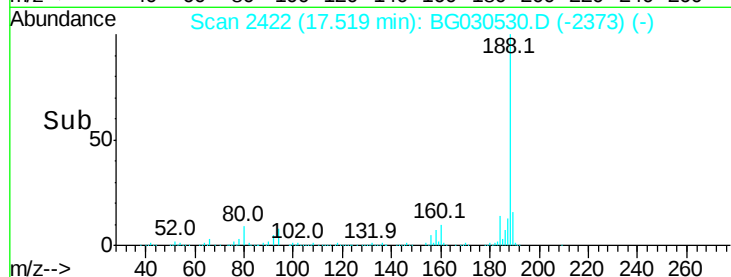
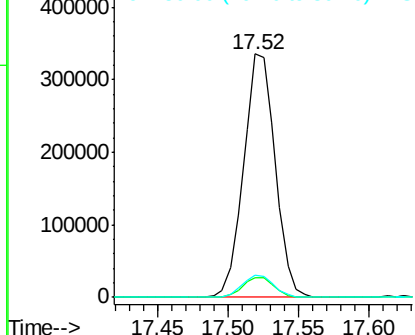
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:188 Resp: 525452
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.0 7.7 11.5

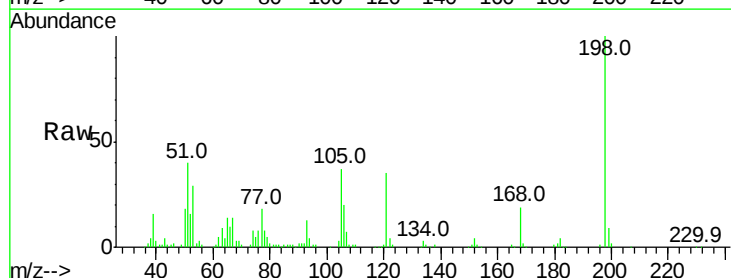


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

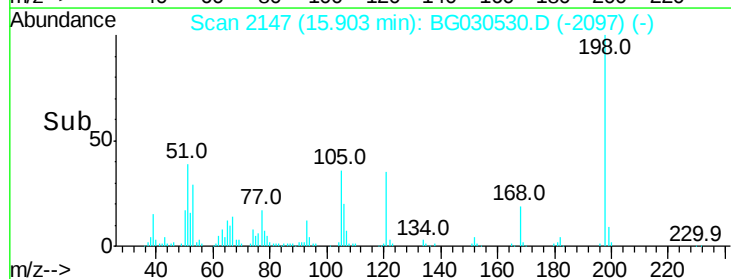
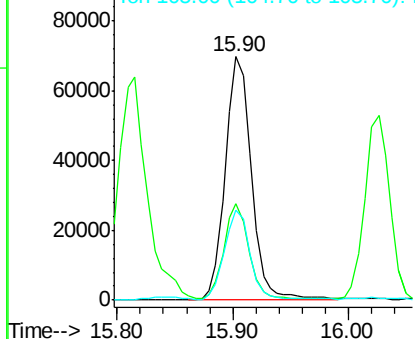


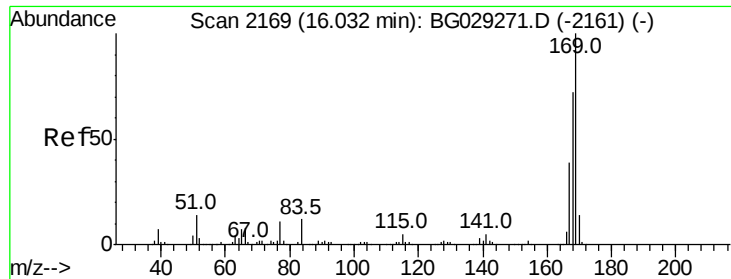
#64
4,6-Dinitro-2-methylphenol
Concen: 38.058 ng
RT: 15.90 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:198 Resp: 110266
Ion Ratio Lower Upper
198 100
51 39.8 30.6 70.6
105 37.1 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

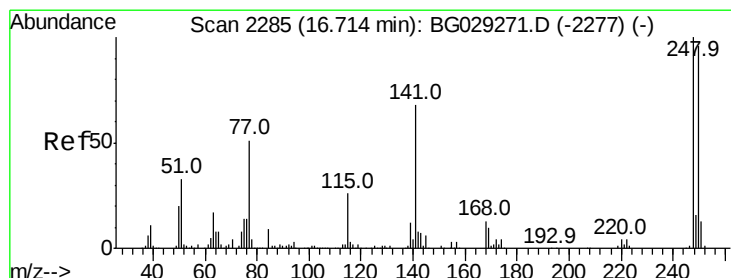
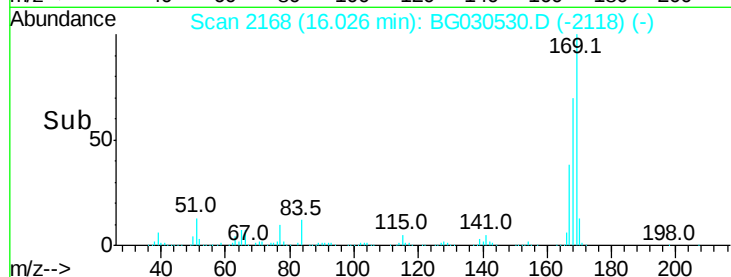
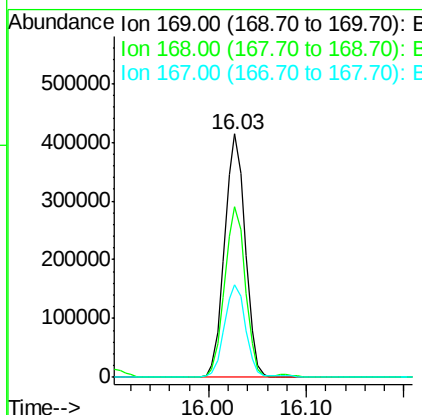
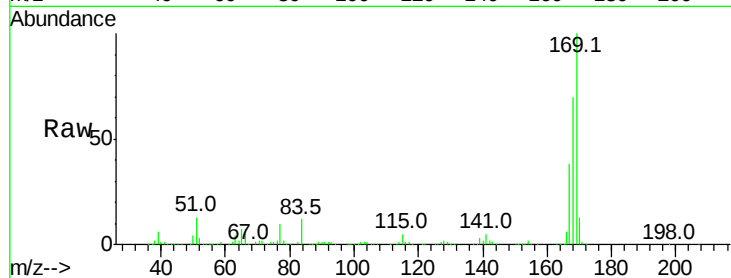




#65
n-Nitrosodiphenylamine
Concen: 38.549 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

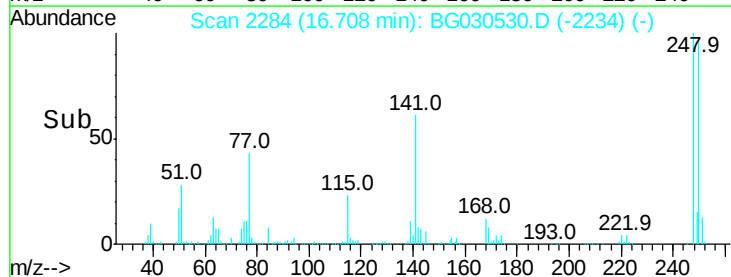
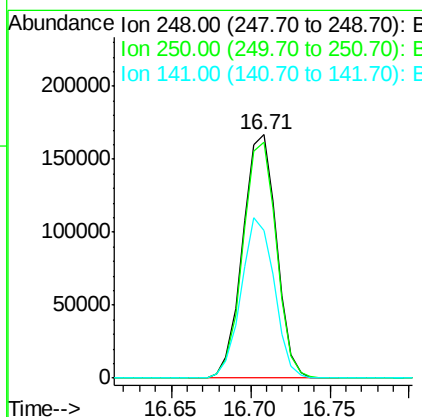
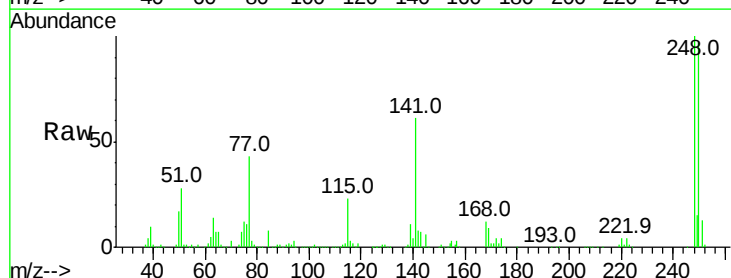
Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:169 Resp: 606780
Ion Ratio Lower Upper
169 100
168 70.0 55.7 83.5
167 37.9 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 40.805 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:248 Resp: 246030
Ion Ratio Lower Upper
248 100
250 97.0 77.1 115.7
141 60.9 50.8 76.2





#67

Hexachlorobenzene

Concen: 38.270 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

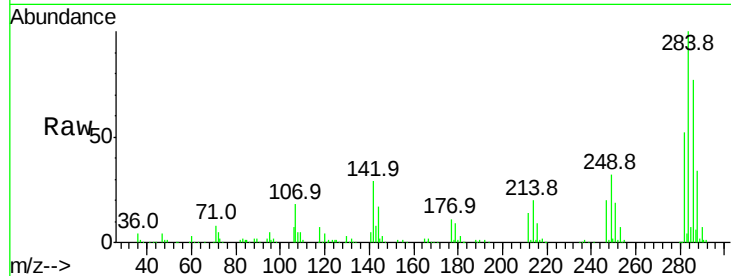
Tot Ion:284 Resp: 261375

Ion Ratio Lower Upper

284 100

142 29.1 26.8 40.2

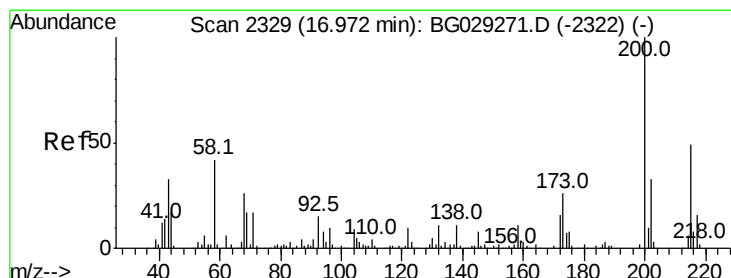
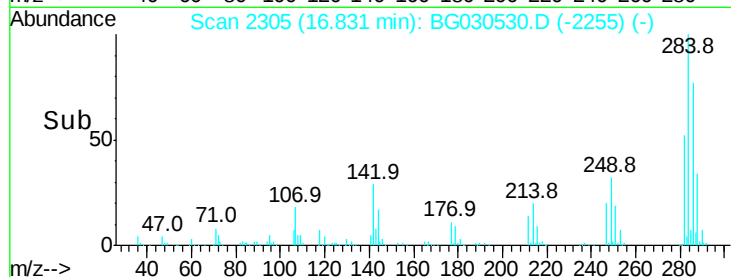
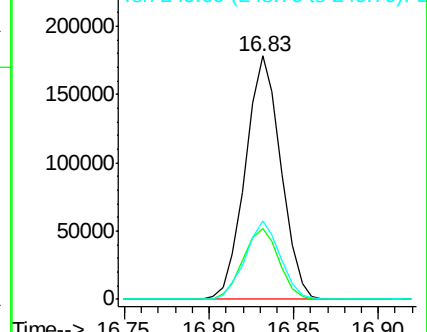
249 32.3 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 42.533 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

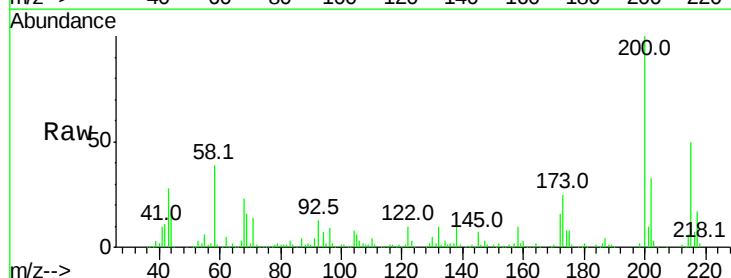
Tgt Ion:200 Resp: 238881

Ion Ratio Lower Upper

200 100

173 24.9 5.2 45.2

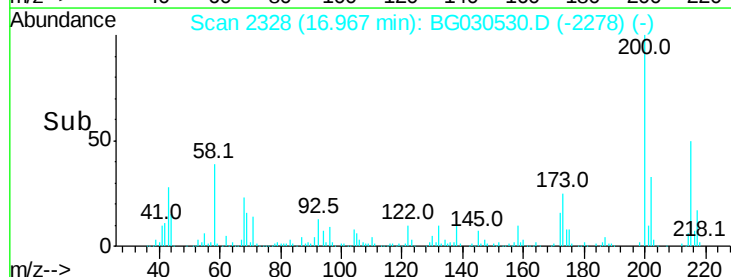
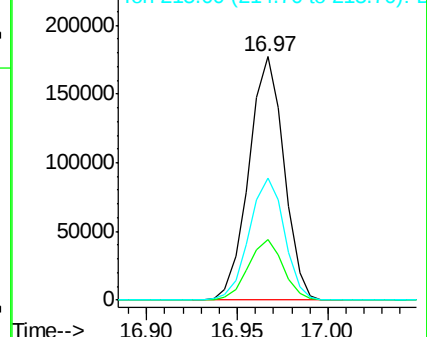
215 49.9 30.4 70.4

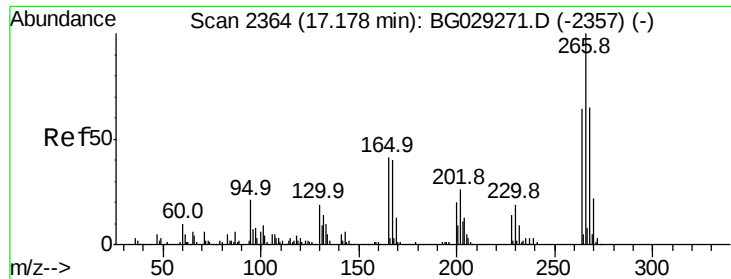


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

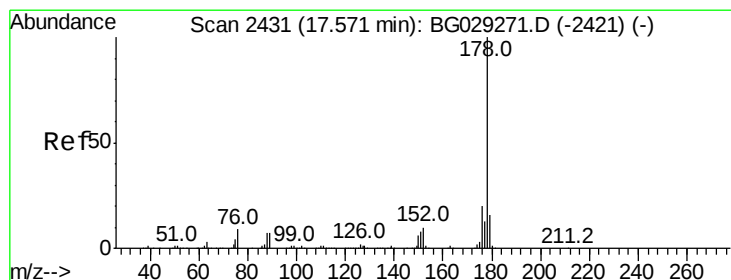
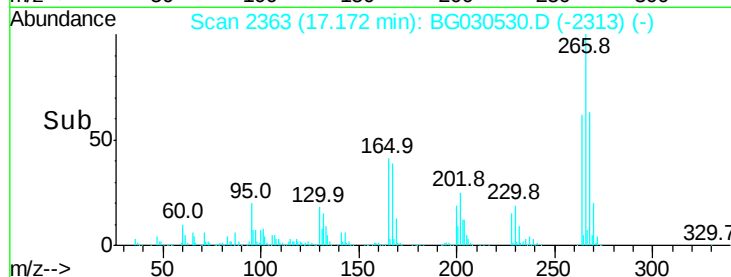
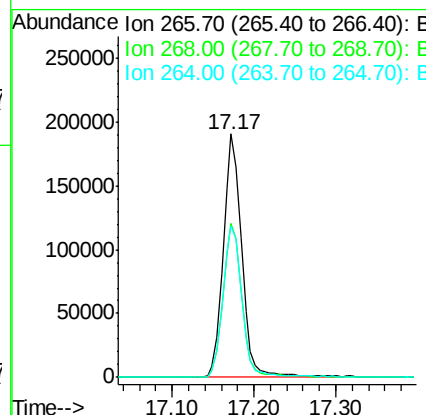
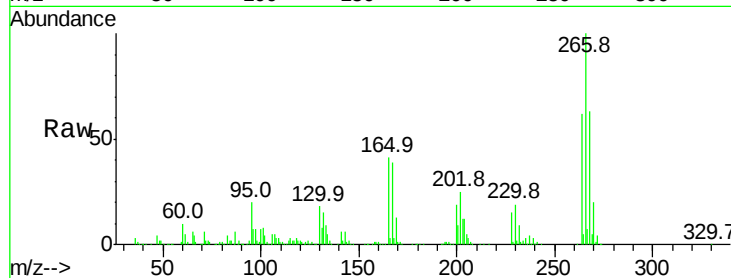




#69
 Pentachlorophenol
 Concen: 76.958 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

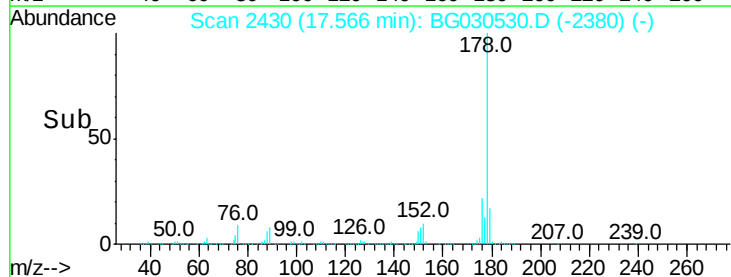
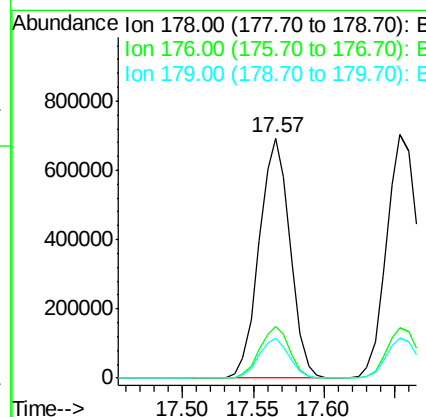
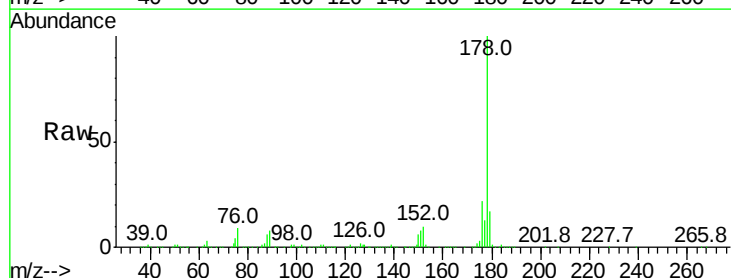
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

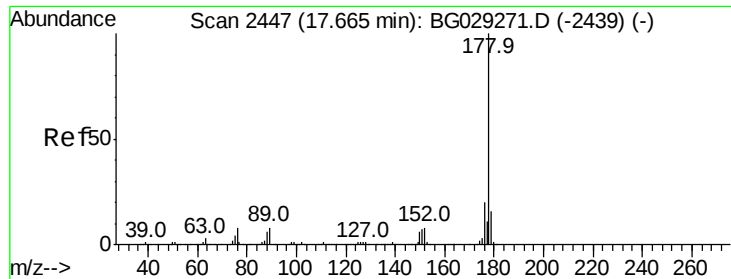
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.1	76.7
264	62.5	49.6	74.4



#70
 Phenanthrene
 Concen: 39.108 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.6	15.7	23.5
179	16.5	12.5	18.7



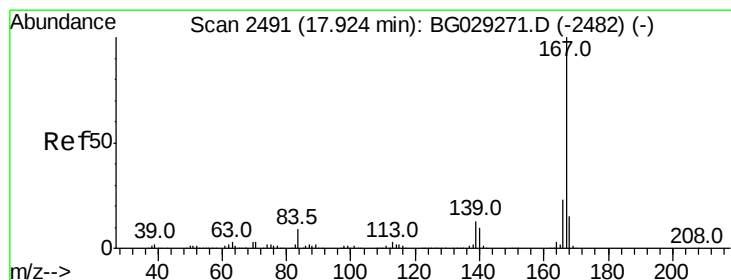
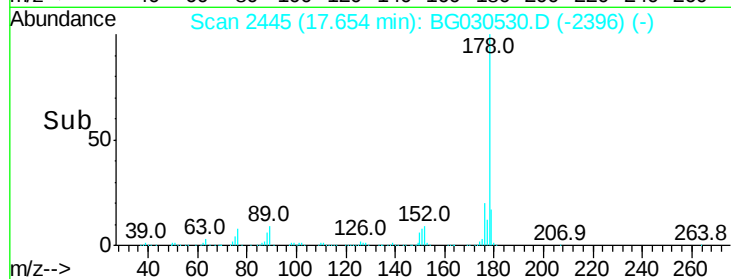
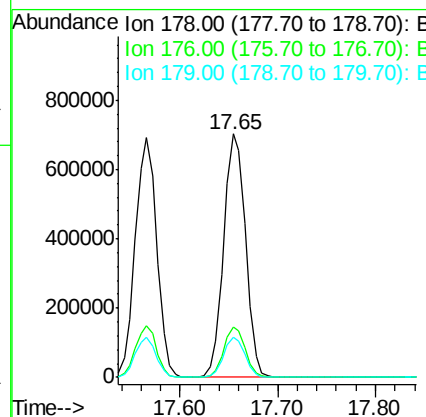
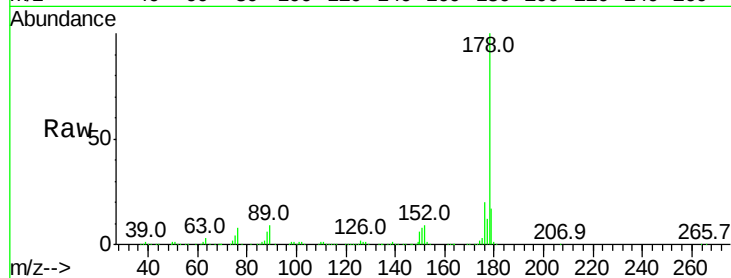


#71
 Anthracene
 Concen: 40.019 ng
 RT: 17.65 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion:178 Resp: 1090807

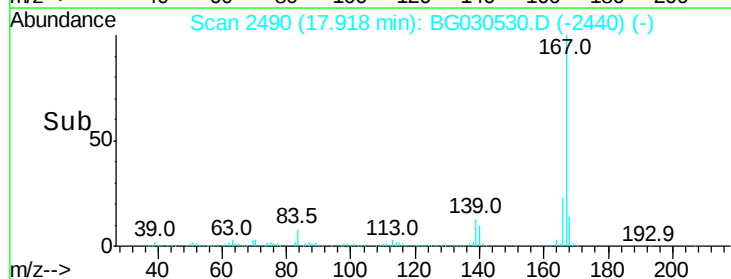
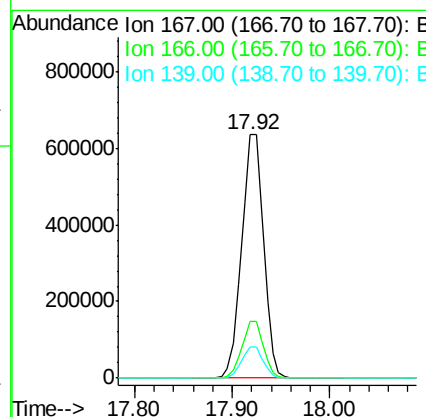
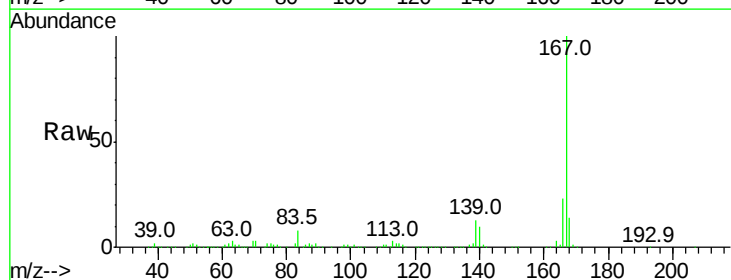
Ion	Ratio	Lower	Upper
178	100		
176	20.5	16.0	24.0
179	16.6	12.5	18.7

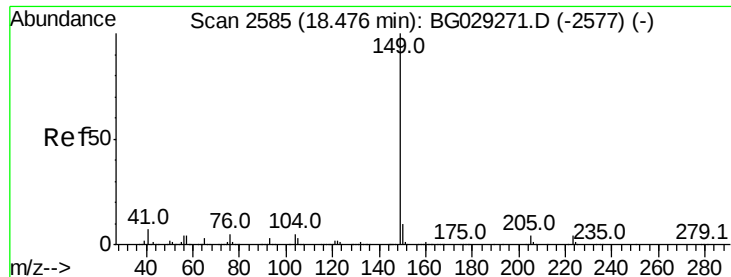


#72
 Carbazole
 Concen: 38.038 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:167 Resp: 995977

Ion	Ratio	Lower	Upper
167	100		
166	23.3	18.2	27.4
139	12.8	9.4	14.2

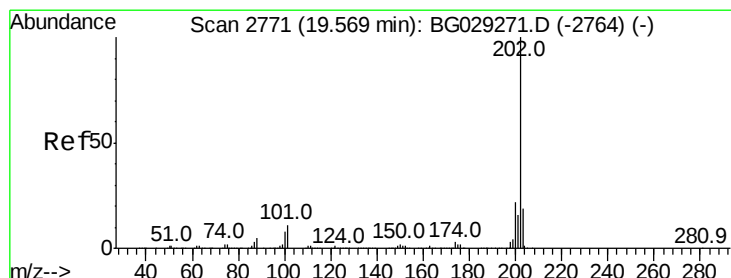
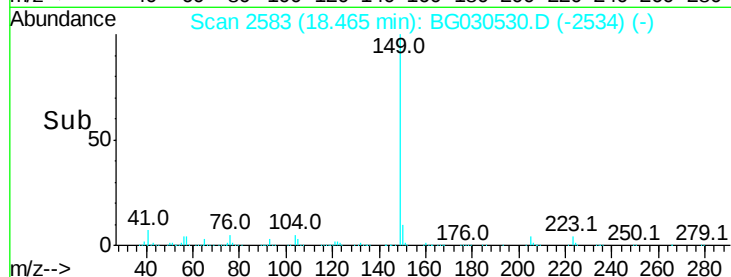
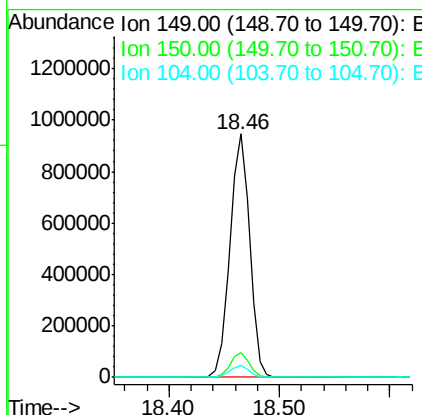
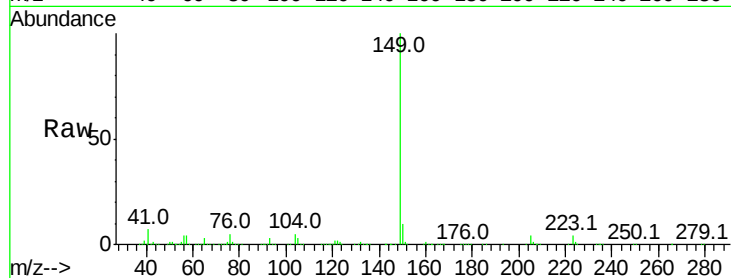




#73
Di-n-butylphthalate
Concen: 39.402 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

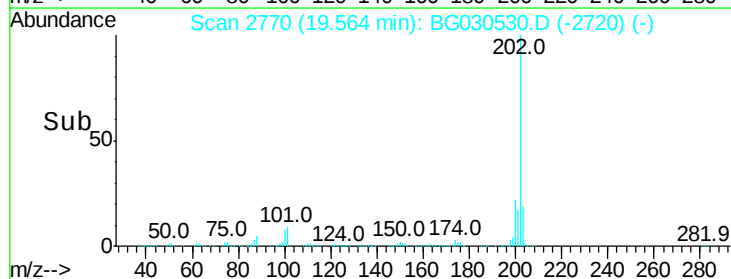
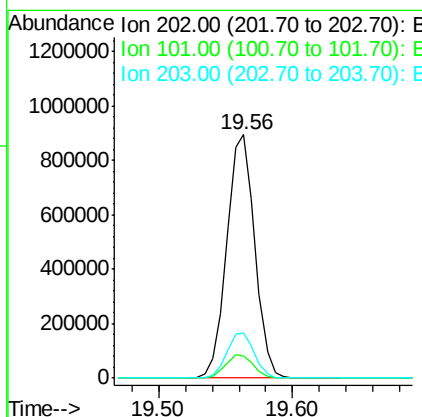
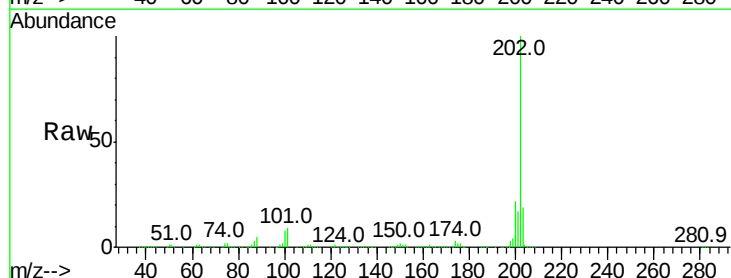
Instrument :
BNA_G
ClientSampleId :
PB103686BS

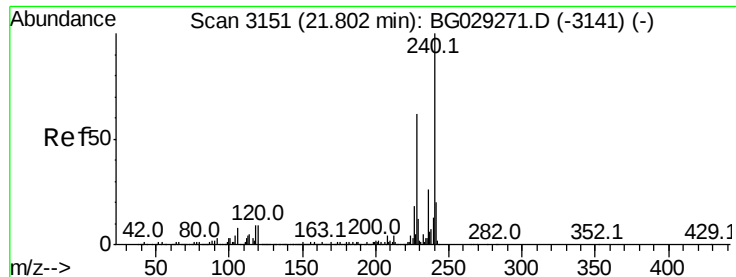
Tot Ion:149 Resp: 1186555
Ion Ratio Lower Upper
149 100
150 10.1 7.8 11.6
104 4.9 3.9 5.9



#74
Fluoranthene
Concen: 41.214 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG030530.D
Acq: 28 Oct 2017 16:42

Tgt Ion:202 Resp: 1308522
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 18.8 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: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

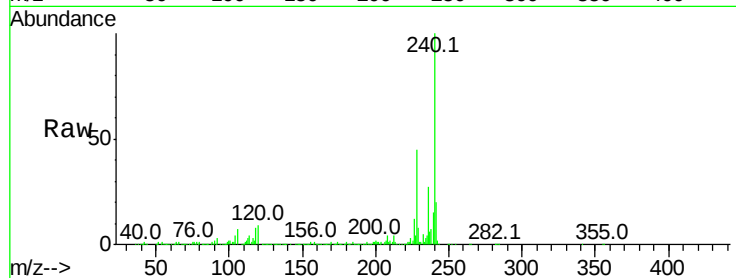
Tot Ion:240 Resp: 556629

Ion Ratio Lower Upper

240 100

120 9.3 6.8 10.2

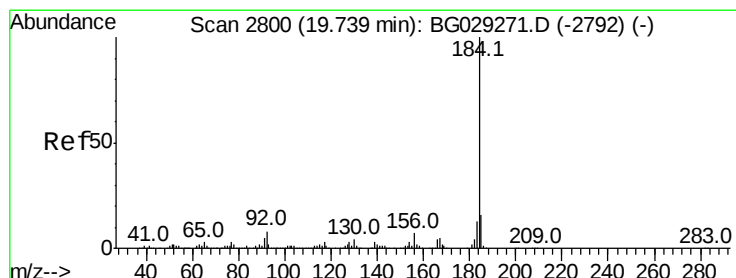
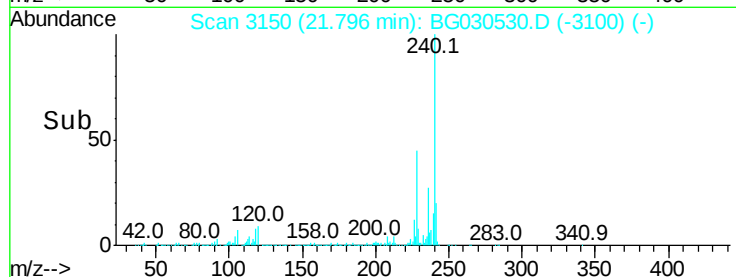
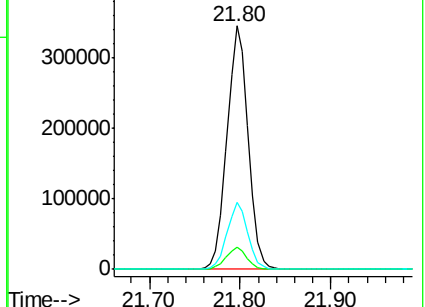
236 27.3 20.9 31.3



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: 19.148 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

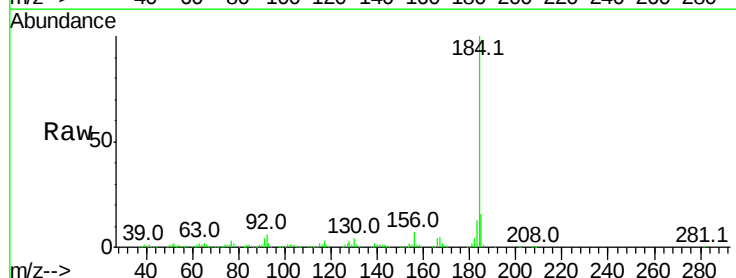
Tgt Ion:184 Resp: 321811

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

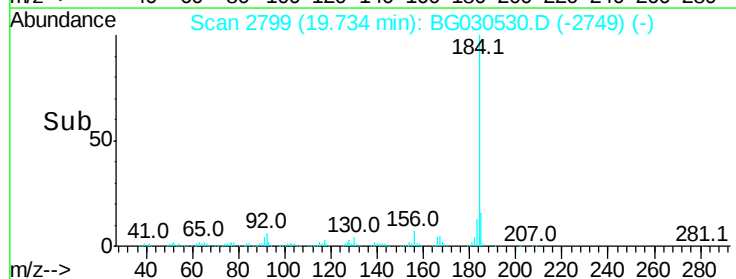
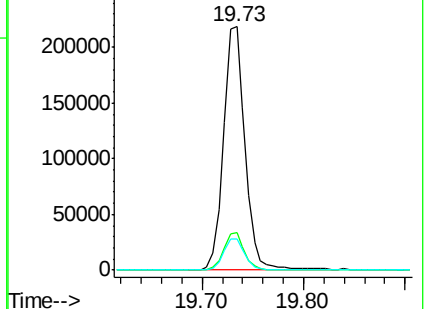
183 12.8 10.6 16.0

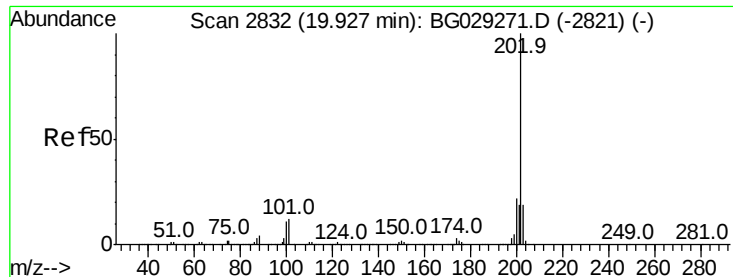


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.213 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

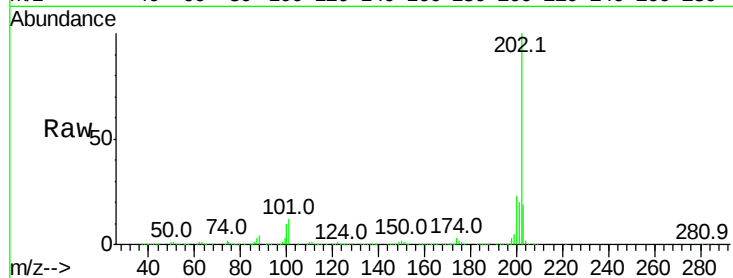
BNA_G

ClientSampleId :

PB103686BS

Tot Ion:202 Resp: 1324088

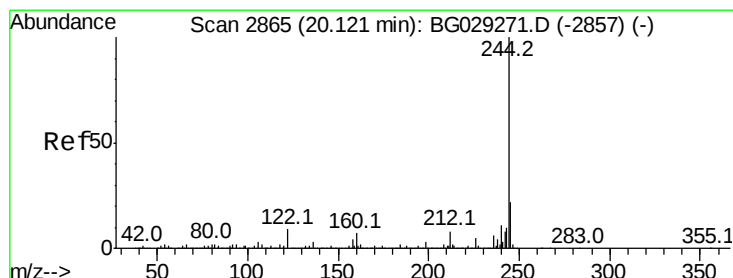
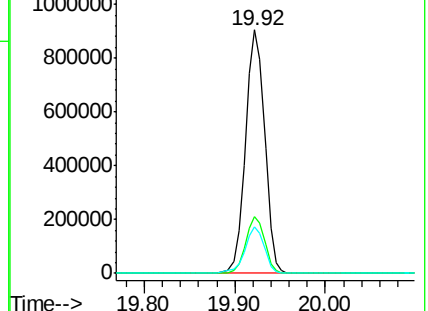
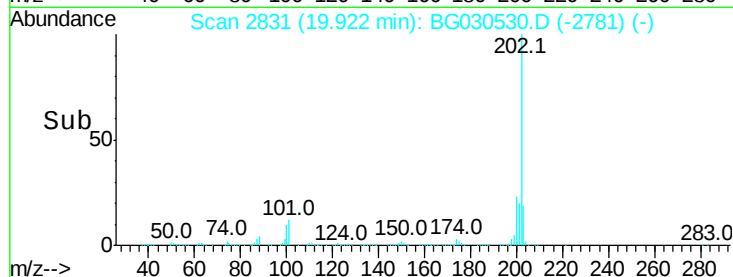
Ion	Ratio	Lower	Upper
202	100		
200	23.3	16.9	25.3
203	19.1	13.9	20.9



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: 79.480 ng

RT: 20.11 min Scan# 2863

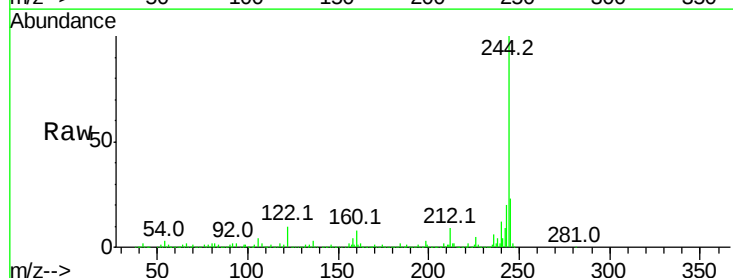
Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Tgt Ion:244 Resp: 1944719

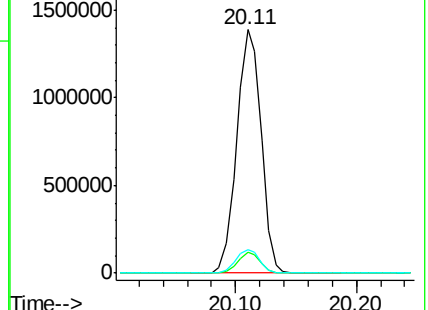
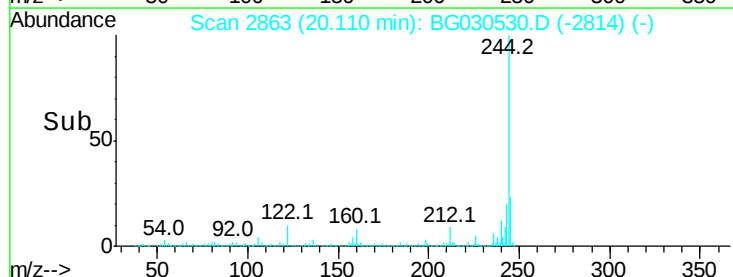
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.8	7.0	10.4

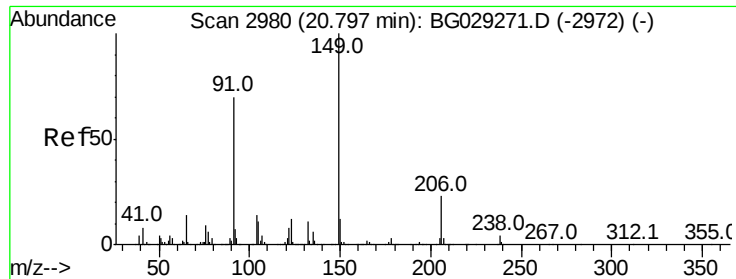


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

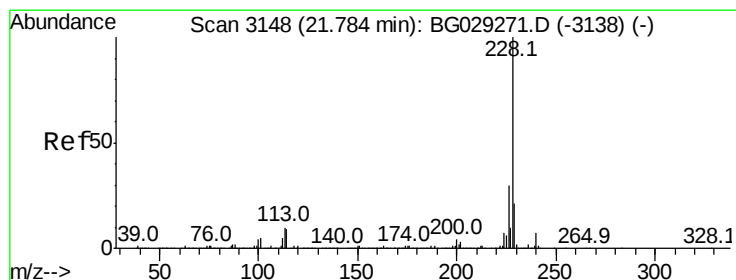
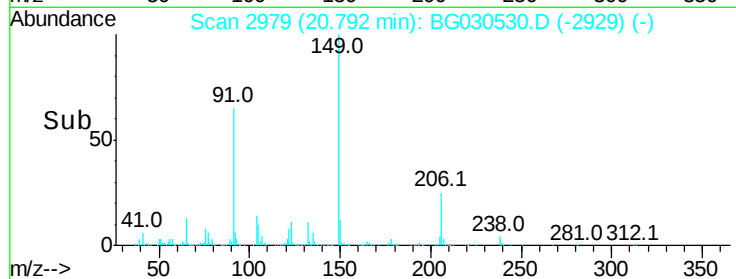
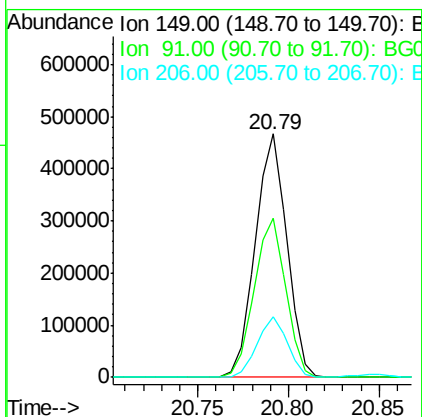
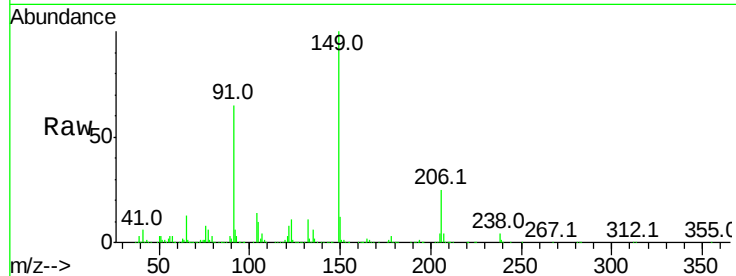




#79
 Butylbenzylphthalate
 Concen: 39.139 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

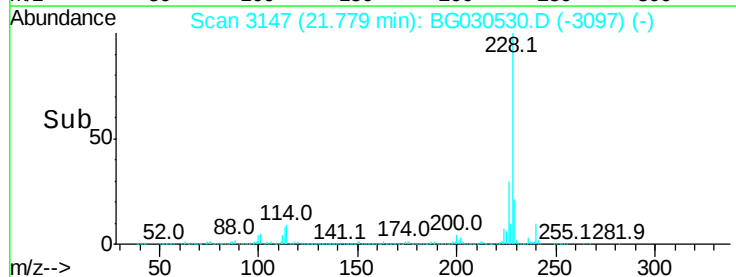
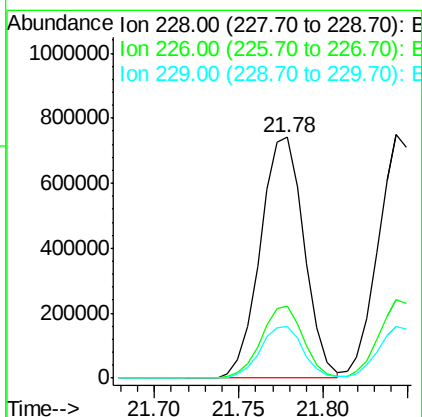
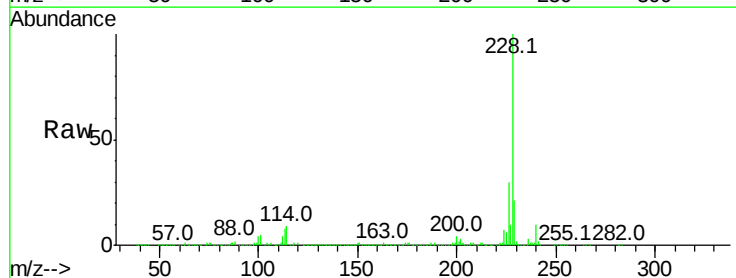
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.5	62.2	93.2
206	24.9	18.6	27.8



#80
 Benzo(a)anthracene
 Concen: 40.796 ng
 RT: 21.78 min Scan# 3147
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	21.3	16.2	24.2

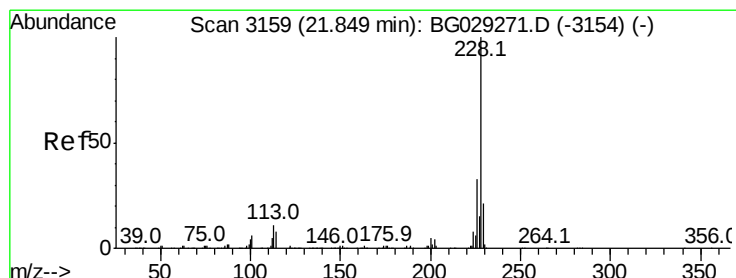
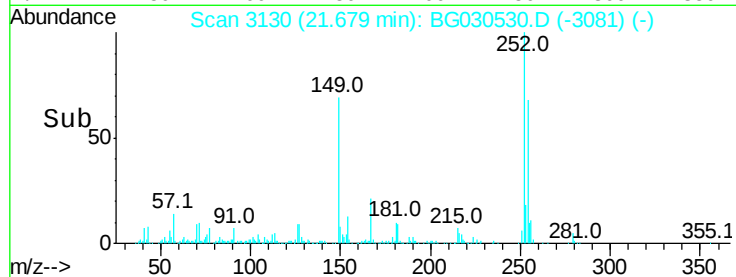
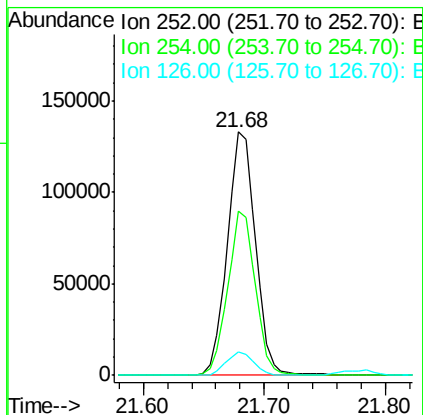
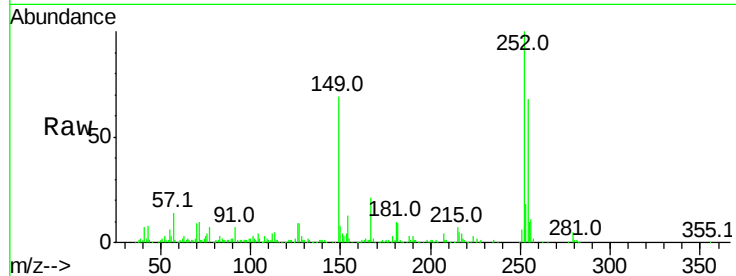




#81
 3,3'-Dichlorobenzidine
 Concen: 16.026 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

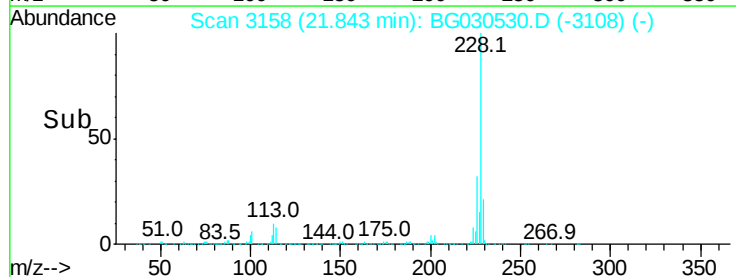
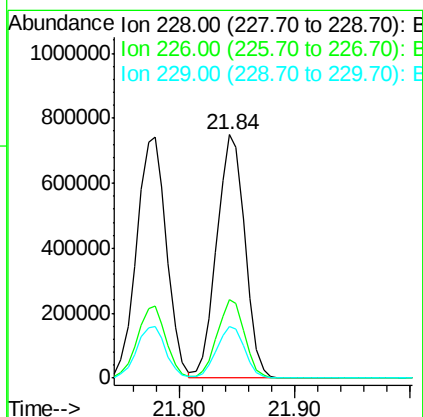
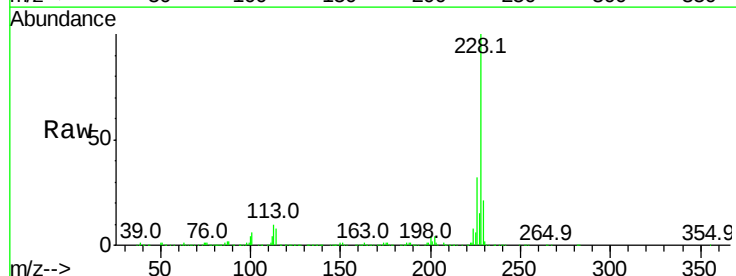
Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

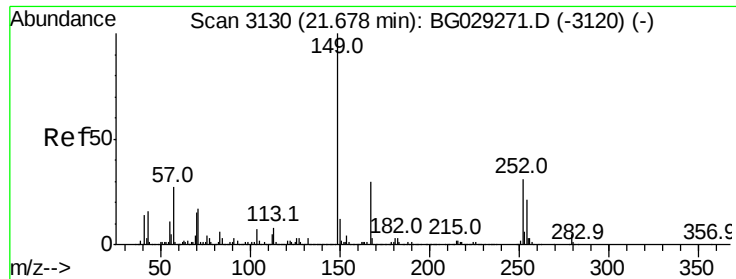
Tot Ion:252 Resp: 216177
 Ion Ratio Lower Upper
 252 100
 254 67.6 50.8 76.2
 126 9.4 7.4 11.2



#82
 Chrysene
 Concen: 40.366 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:228 Resp: 1263376
 Ion Ratio Lower Upper
 228 100
 226 32.1 24.9 37.3
 229 21.3 15.0 22.4

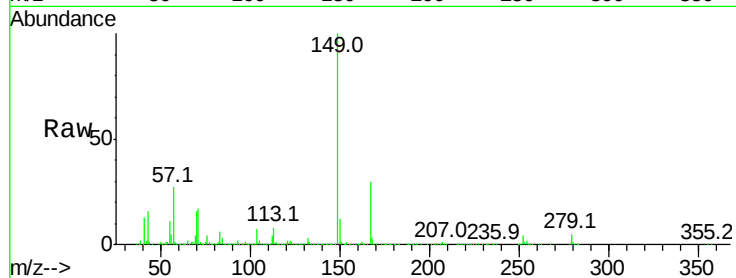




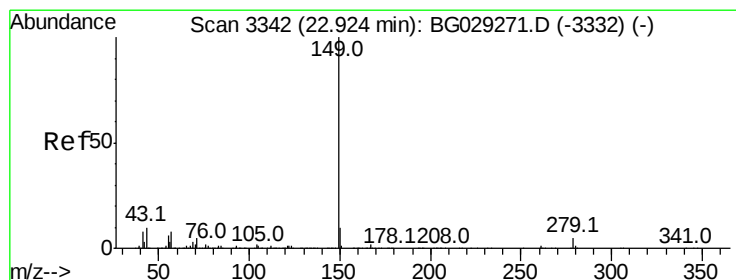
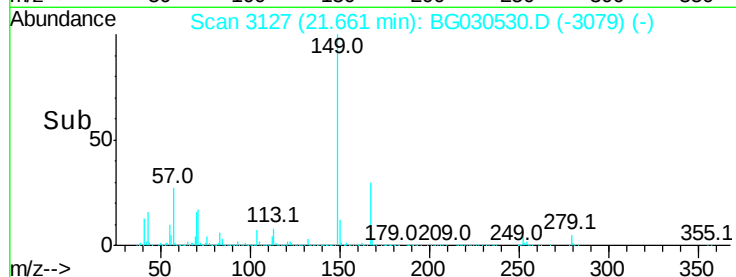
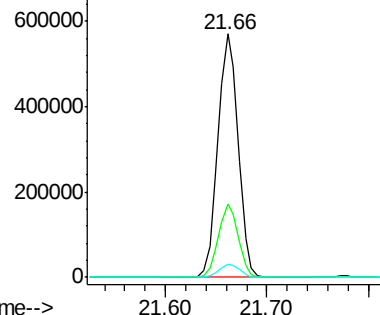
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.264 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion:149 Resp: 789992
 Ion Ratio Lower Upper
 149 100
 167 30.3 24.3 36.5
 279 5.3 4.0 6.0

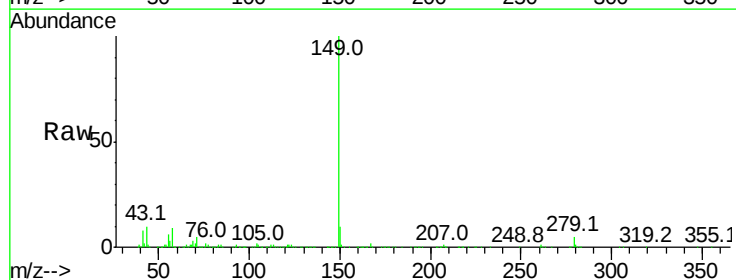


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

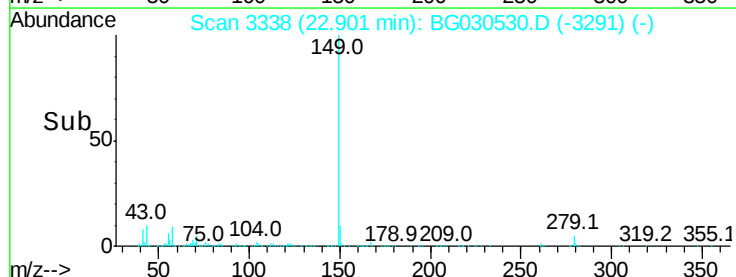
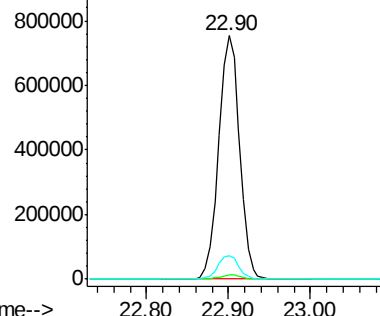


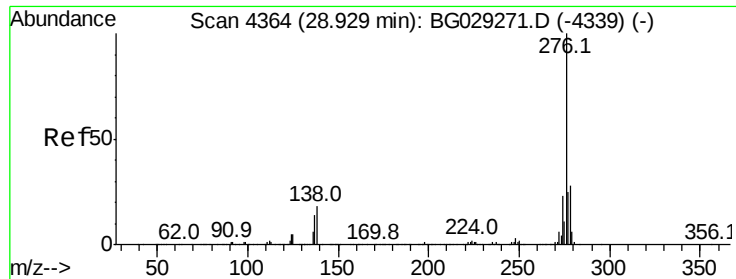
#84
 Di-n-octyl phthalate
 Concen: 37.085 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:149 Resp: 1334394
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 9.7 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): BG0



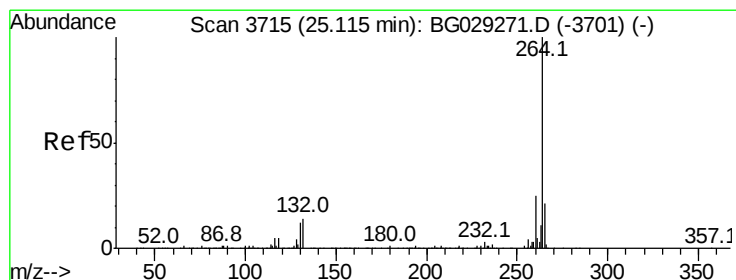
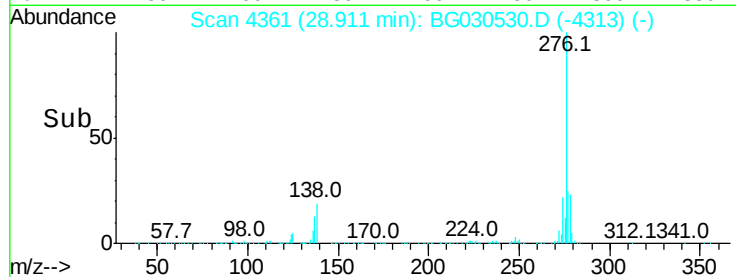
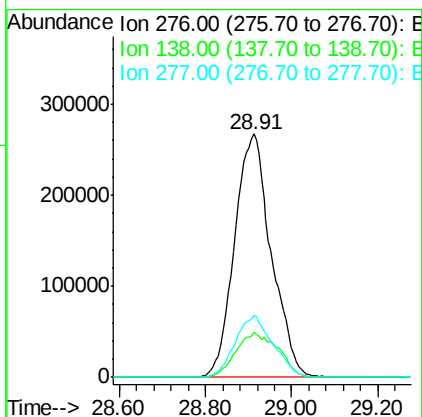
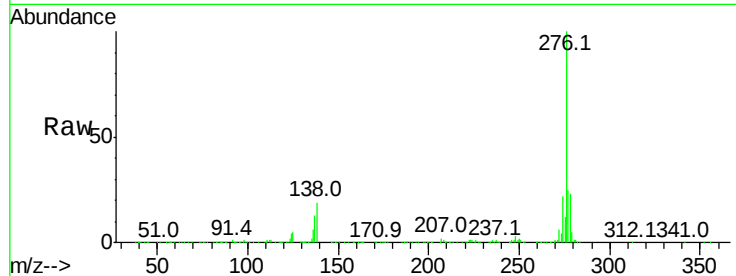


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.369 ng
 RT: 28.91 min Scan# 4361
 Delta R.T. -0.02 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion:276 Resp: 1592884

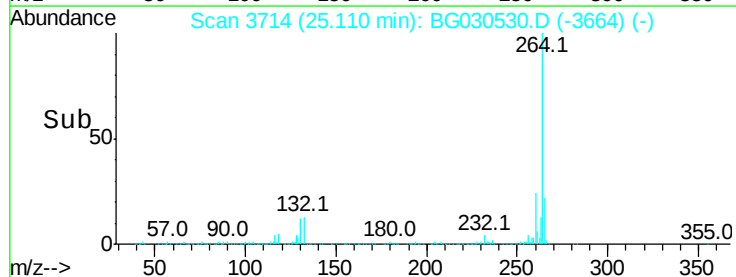
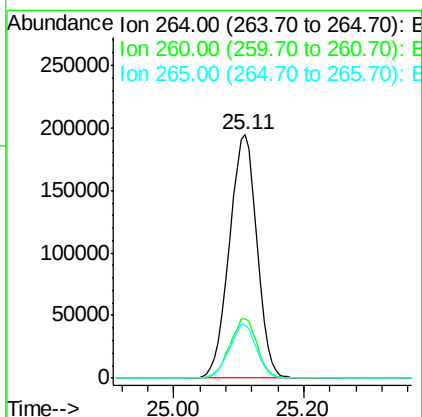
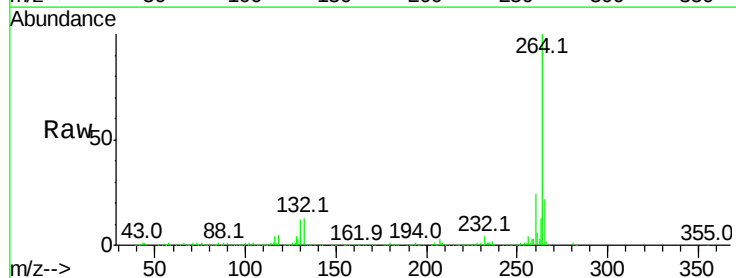
Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.0	24.0
277	26.1	20.0	30.0

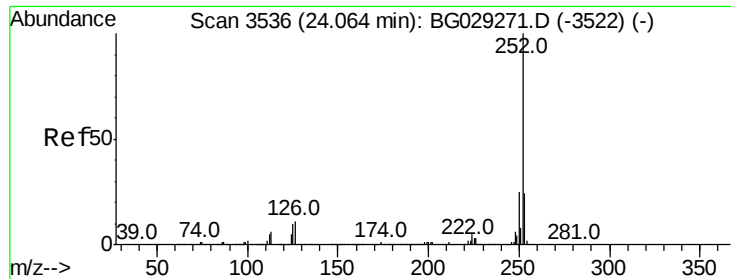


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Tgt Ion:264 Resp: 570402

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	22.0	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 41.417 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

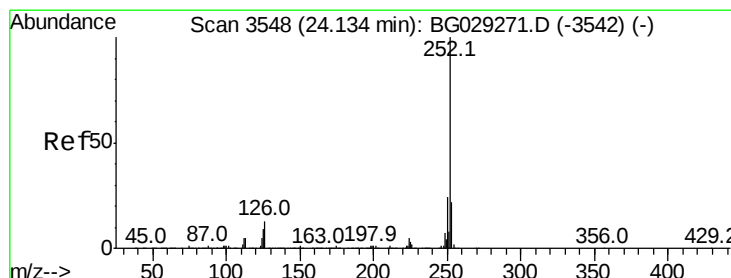
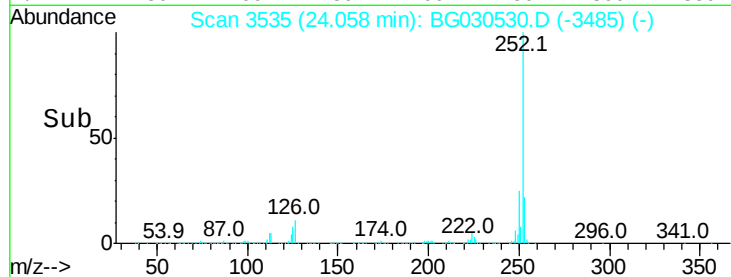
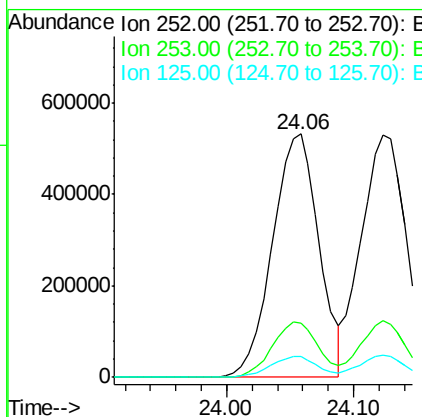
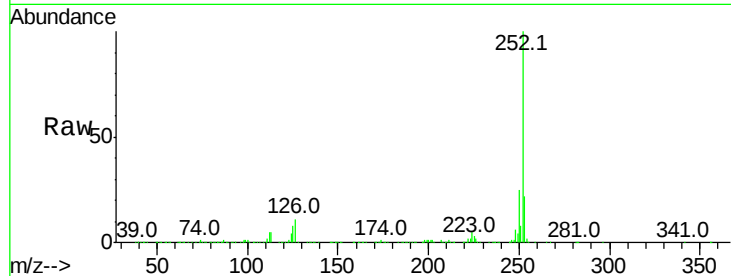
Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :
BNA_G
ClientSampleId :
PB103686BS

Tot Ion:252 Resp: 1352515

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.4
125	8.5	7.2	10.8



#88

Benzo(k)fluoranthene

Concen: 40.201 ng

RT: 24.12 min Scan# 3546

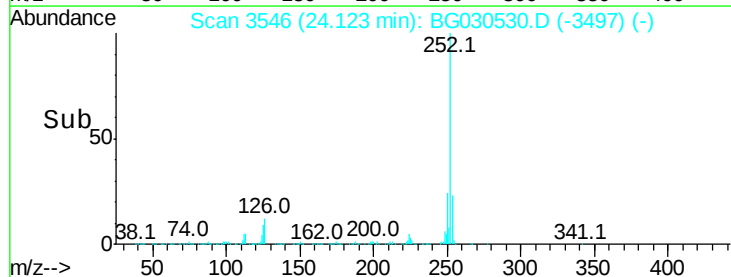
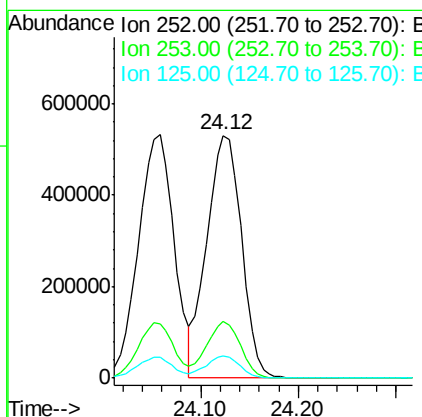
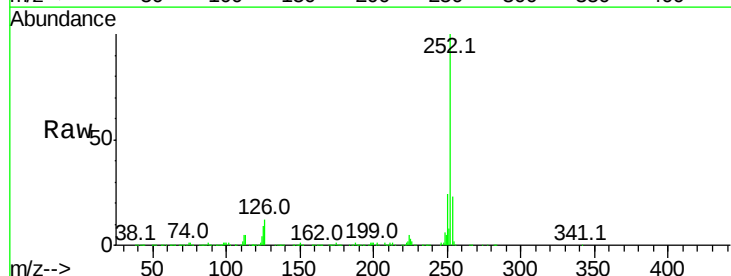
Delta R.T. -0.01 min

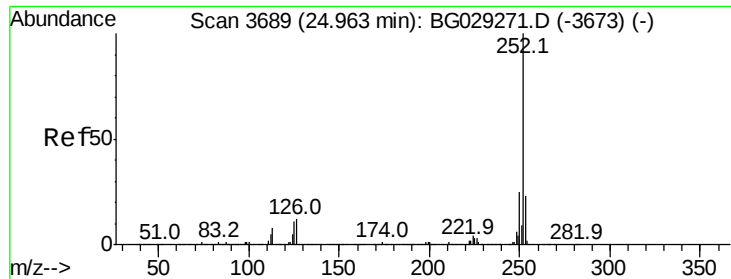
Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Tgt Ion:252 Resp: 1307885

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.2
125	8.9	6.6	9.8





#89

Benzo(a)pyrene

Concen: 41.469 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

PB103686BS

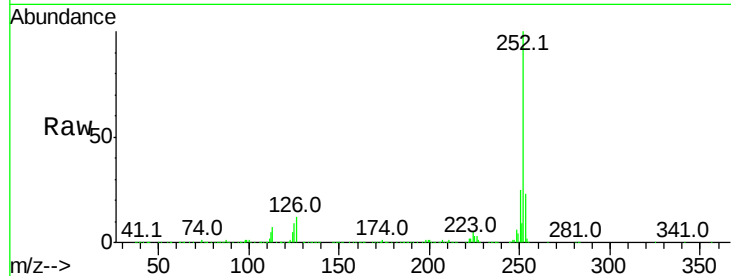
Tot Ion:252 Resp: 1301867

Ion Ratio Lower Upper

252 100

253 22.7 18.3 27.5

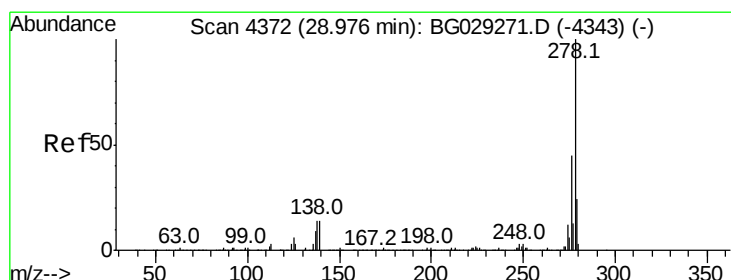
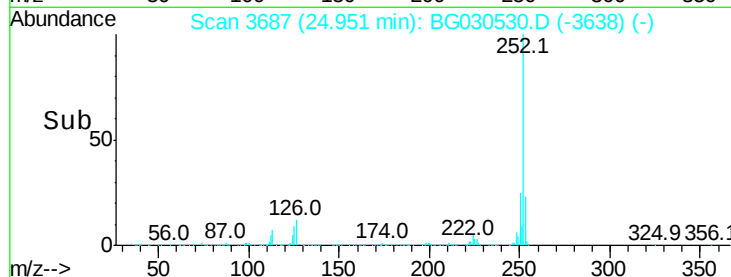
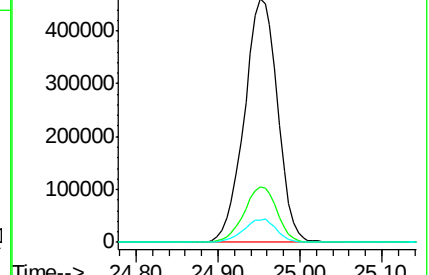
125 9.4 7.3 10.9



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: 41.769 ng

RT: 28.96 min Scan# 4370

Delta R.T. -0.01 min

Lab File: BG030530.D

Acq: 28 Oct 2017 16:42

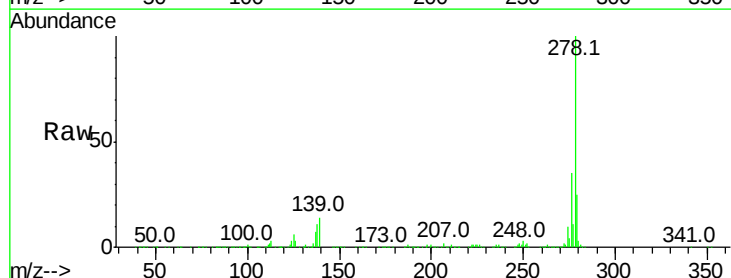
Tgt Ion:278 Resp: 1327556

Ion Ratio Lower Upper

278 100

139 13.5 9.8 14.6

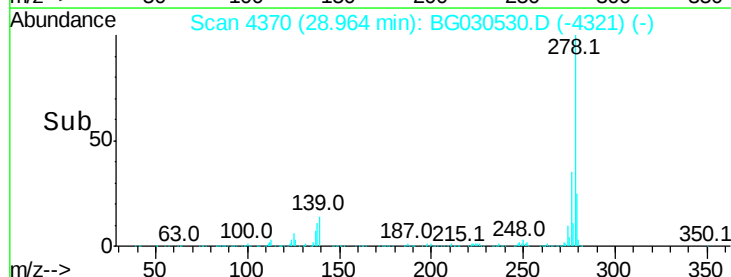
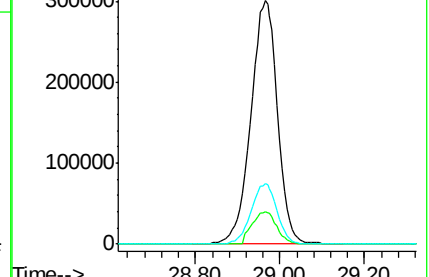
279 24.8 18.4 27.6

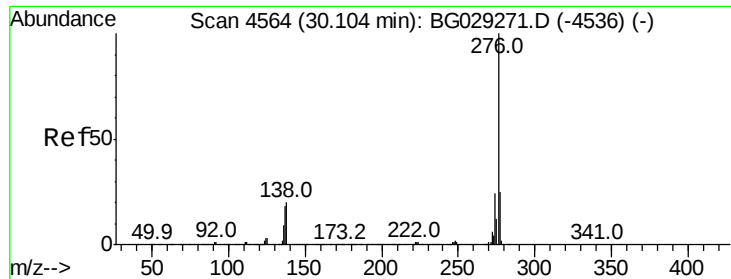


Abundance Ion 278.00 (277.70 to 278.70): E

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: 44.727 ng
 RT: 30.09 min Scan# 4561
 Delta R.T. -0.02 min
 Lab File: BG030530.D
 Acq: 28 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 PB103686BS

Tot Ion:276 Resp: 1320830
 Ion Ratio Lower Upper
 276 100
 277 24.3 18.3 27.5
 138 17.6 13.9 20.9

