

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030541.D
 Acq On : 29 Oct 2017 00:41
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:50:11 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	8.16	152	71859	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	336199	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219455	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	509175	20.00	ng	0.00
75) Chrysene-d12	21.80	240	550905	20.00	ng	0.00
86) Perylene-d12	25.10	264	568380	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.71	112	348959	81.12	ng	0.00
7) Phenol-d6	7.32	99	477509	79.09	ng	0.00
23) Nitrobenzene-d5	9.33	82	442960	83.73	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	241835	85.35	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1159028	77.46	ng	0.00
78) Terphenyl-d14	20.11	244	1793697	74.07	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	74425	42.644	ng	84
3) Pyridine	3.99	79	217351	42.765	ng	88
4) n-Nitrosodimethylamine	3.90	42	95723	40.292	ng	# 92
6) Aniline	7.48	93	305212	40.822	ng	95
8) 2-Chlorophenol	7.73	128	184597	37.440	ng	89
9) Benzaldehyde	7.29	77	140903	46.397	ng	90
10) Phenol	7.35	94	240565	36.957	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	191353	40.348	ng	93
12) 1,3-Dichlorobenzene	8.05	146	209643	37.872	ng	98
13) 1,4-Dichlorobenzene	8.20	146	213002	37.688	ng	97
14) 1,2-Dichlorobenzene	8.52	146	206375	37.859	ng	96
15) Benzyl Alcohol	8.40	79	183308	43.081	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	219281	27.226	ng	92
17) 2-Methylphenol	8.60	107	166369	38.475	ng	96
18) Hexachloroethane	9.26	117	73146	37.978	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	178748	43.540	ng	# 96
20) 3+4-Methylphenols	8.93	107	241139	39.578	ng	95
22) Acetophenone	8.99	105	329661	40.688	ng	# 93
24) Nitrobenzene	9.37	77	224757	37.784	ng	91
25) Isophorone	9.90	82	438822	39.732	ng	# 93
26) 2-Nitrophenol	10.09	139	116636	41.025	ng	91
27) 2,4-Dimethylphenol	10.14	122	179118	34.822	ng	90
28) bis(2-Chloroethoxy)methane	10.37	93	279075	41.207	ng	95
29) 2,4-Dichlorophenol	10.63	162	207434	37.817	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	229644	38.752	ng	98
31) Naphthalene	11.03	128	633117	37.786	ng	98
32) Benzoic acid	10.28	122	168155	39.042	ng	86
33) 4-Chloroaniline	11.13	127	289410	41.062	ng	95
34) Hexachlorobutadiene	11.31	225	148539	40.315	ng	96
35) Caprolactam	11.91	113	82311	45.152	ng	# 78
36) 4-Chloro-3-methylphenol	12.25	107	224874	37.274	ng	# 88
37) 2-Methylnaphthalene	12.62	142	488197	39.978	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	304392	37.990	ng	99
40) Hexachlorocyclopentadiene	12.97	237	137494	47.320	ng	90

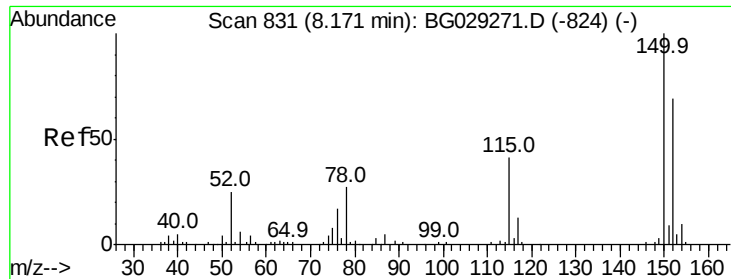
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	190669	37.908	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	203012	39.302	ng	96
45) 1,1'-Biphenyl	13.62	154	716562	37.988	ng	97
46) 2-Chloronaphthalene	13.67	162	510933	37.135	ng	95
47) 2-Nitroaniline	13.86	65	158193	41.859	ng	# 86
48) Acenaphthylene	14.51	152	845947	39.286	ng	99
49) Dimethylphthalate	14.23	163	697924	40.761	ng	98
50) 2,6-Dinitrotoluene	14.35	165	150957	42.056	ng	# 79
51) Acenaphthene	14.85	154	527368	37.641	ng	99
52) 3-Nitroaniline	14.68	138	164069	42.360	ng	# 82
53) 2,4-Dinitrophenol	14.89	184	84935	46.040	ng	# 49
54) Dibenzofuran	15.18	168	806687	40.333	ng	98
55) 4-Nitrophenol	14.99	139	120171	37.634	ng	# 82
56) 2,4-Dinitrotoluene	15.14	165	206833	42.567	ng	# 77
57) Fluorene	15.83	166	644134	38.985	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	183440	42.566	ng	# 95
59) Diethylphthalate	15.58	149	700915	41.075	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	370158	42.019	ng	94
61) 4-Nitroaniline	15.84	138	166029	41.746	ng	84
62) Azobenzene	16.11	77	585909	40.717	ng	95
64) 4,6-Dinitro-2-methylphenol	15.90	198	126573	44.160	ng	88
65) n-Nitrosodiphenylamine	16.03	169	618265	40.535	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	233305	39.931	ng	98
67) Hexachlorobenzene	16.83	284	253867	38.359	ng	96
68) Atrazine	16.97	200	235310	43.237	ng	100
69) Pentachlorophenol	17.17	266	165185	43.449	ng	99
70) Phenanthrene	17.56	178	1031630	39.219	ng	98
71) Anthracene	17.65	178	1031473	39.052	ng	99
72) Carbazole	17.92	167	964602	38.018	ng	99
73) Di-n-butylphthalate	18.46	149	1154889	39.576	ng	99
74) Fluoranthene	19.56	202	1244063	40.436	ng	97
76) Benzidine	19.73	184	691656	41.581	ng	98
77) Pyrene	19.92	202	1264175	37.828	ng	95
79) Butylbenzylphthalate	20.79	149	552260	38.788	ng	86
80) Benzo(a)anthracene	21.77	228	1291049	39.915	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	528385	39.578	ng	97
82) Chrysene	21.84	228	1202986	38.836	ng	98
83) Bis(2-ethylhexyl)phthalate	21.66	149	776616	38.007	ng	99
84) Di-n-octyl phthalate	22.90	149	1315945	36.952	ng	96
85) Indeno(1,2,3-cd)pyrene	28.90	276	1521342	39.921	ng	# 92
87) Benzo(b)fluoranthene	24.05	252	1307773	40.190	ng	98
88) Benzo(k)fluoranthene	24.12	252	1270683	39.196	ng	97
89) Benzo(a)pyrene	24.95	252	1231433	39.365	ng	99
90) Dibenzo(a,h)anthracene	28.96	278	1296632	40.941	ng	97
91) Benzo(g,h,i)perylene	30.10	276	1238849	42.100	ng	99

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

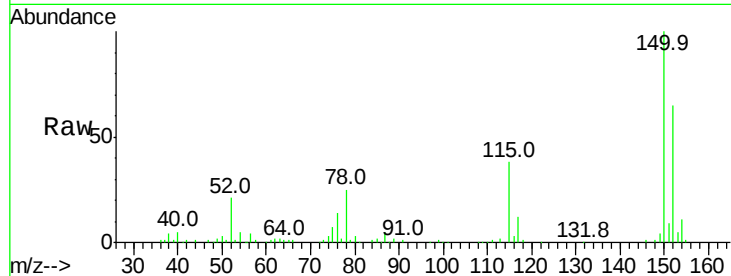


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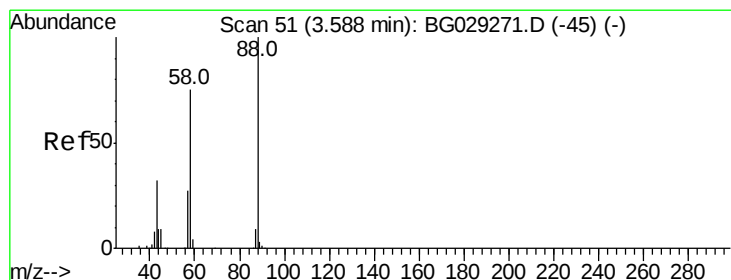
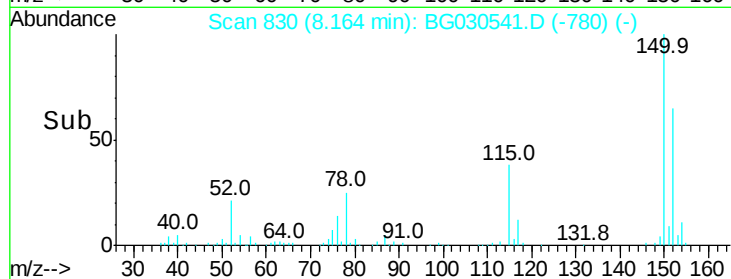
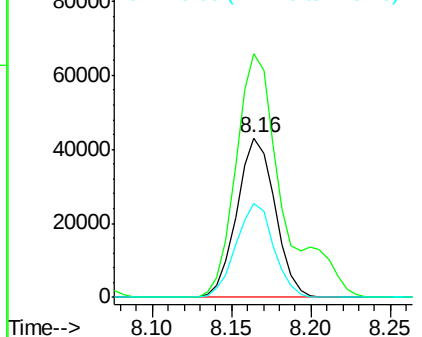
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 71859
Ion Ratio Lower Upper
152 100
150 152.8 126.6 189.8
115 58.8 53.0 79.4



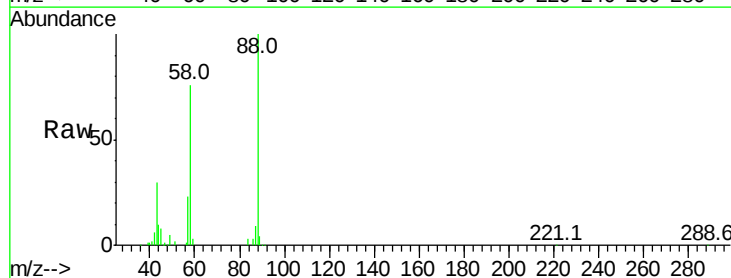
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



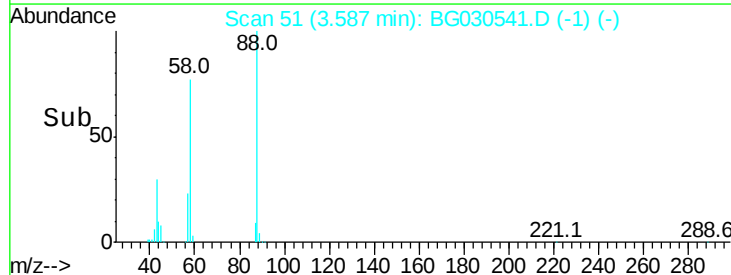
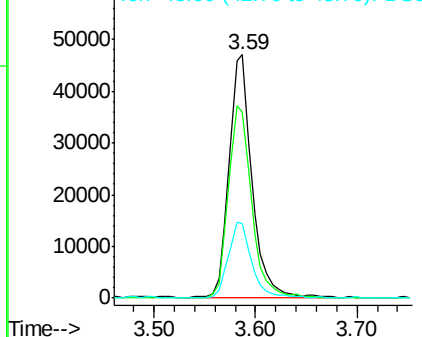
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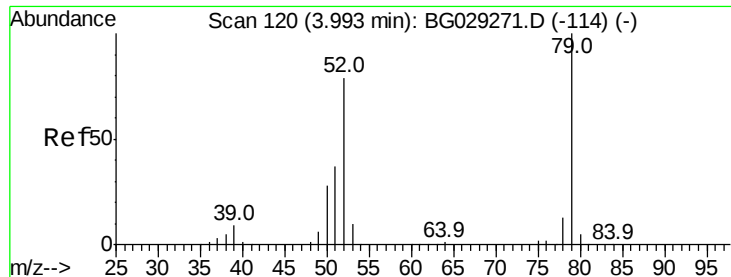
1,4-Dioxane
Concen: 42.644 ng
RT: 3.59 min Scan# 51
Delta R.T. -0.00 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion: 88 Resp: 74425
Ion Ratio Lower Upper
88 100
58 80.0 79.6 119.4
43 31.6 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: 42.765 ng

RT: 3.99 min Scan# 119

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

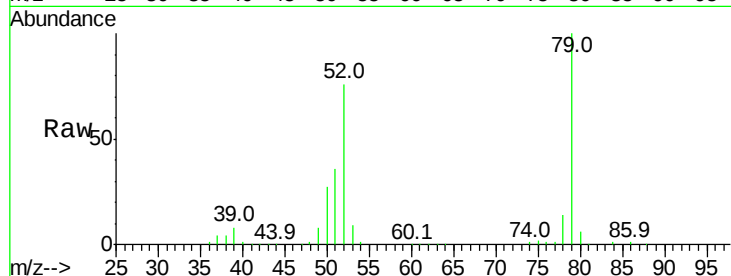
Tot Ion: 79 Resp: 217351

Ion Ratio Lower Upper

79 100

52 76.2 69.9 104.9

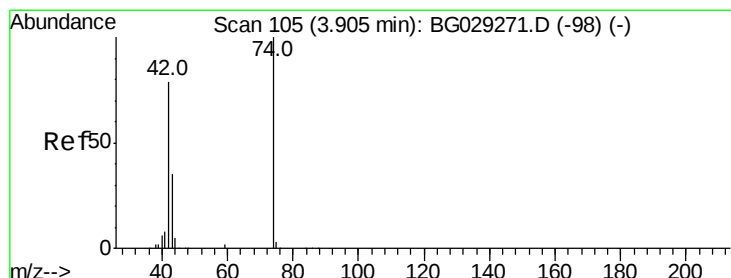
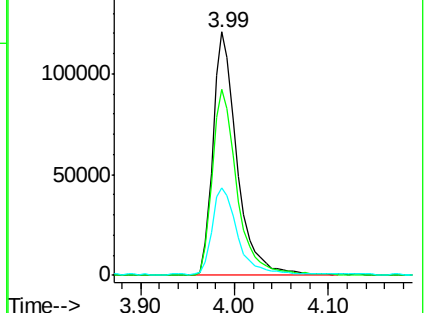
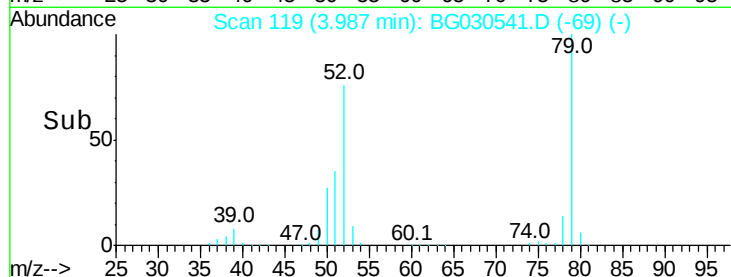
51 35.7 34.0 51.0



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: 40.292 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

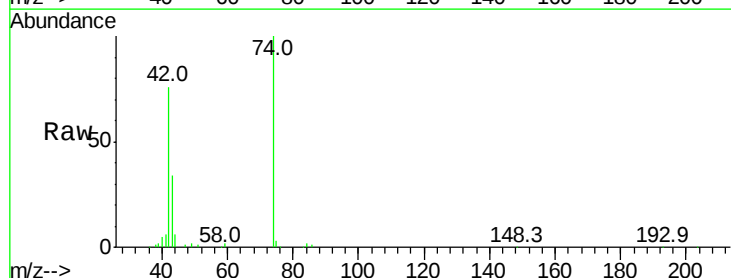
Tgt Ion: 42 Resp: 95723

Ion Ratio Lower Upper

42 100

74 132.0 102.5 153.7

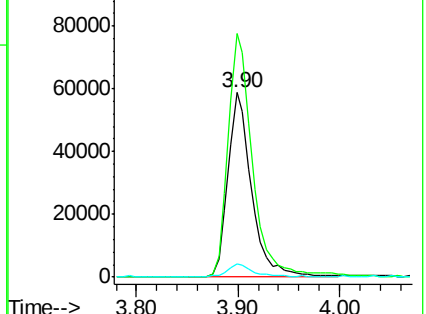
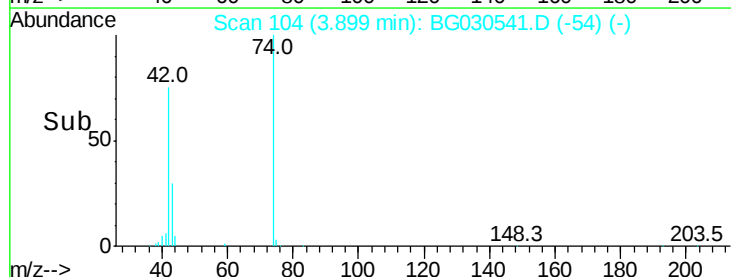
44 7.5 18.9 28.3#

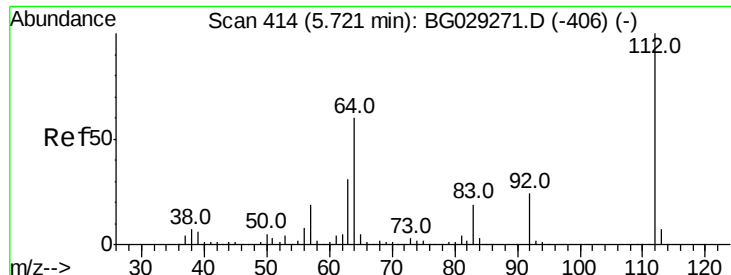


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.125 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampled :

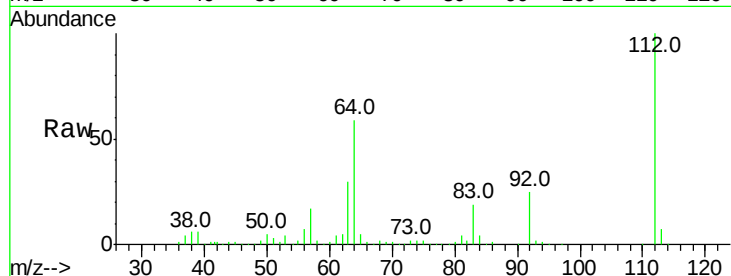
Tot Ion: 112 Resp: 348959

Ion Ratio Lower Upper

112 100

64 58.9 56.3 84.5

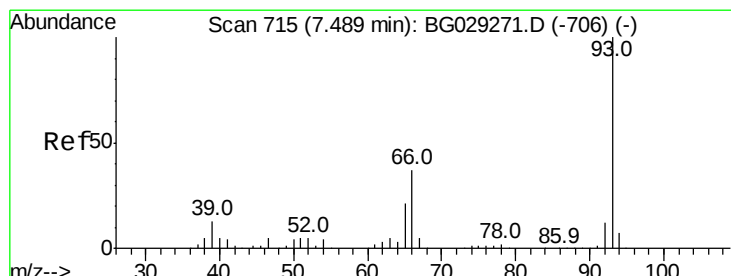
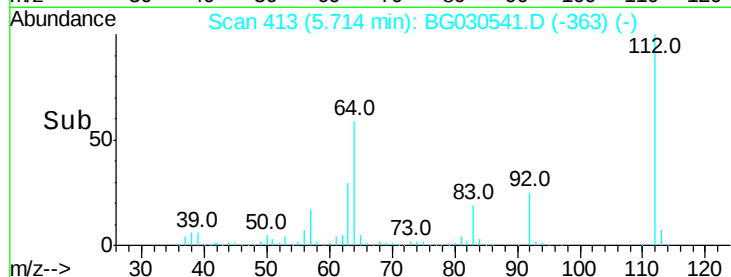
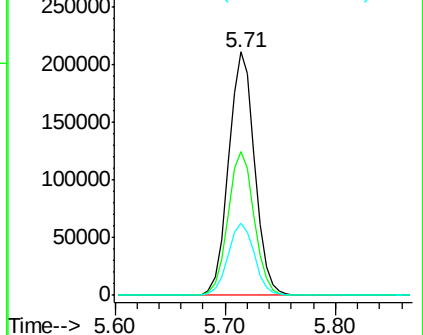
63 29.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 40.822 ng

RT: 7.48 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

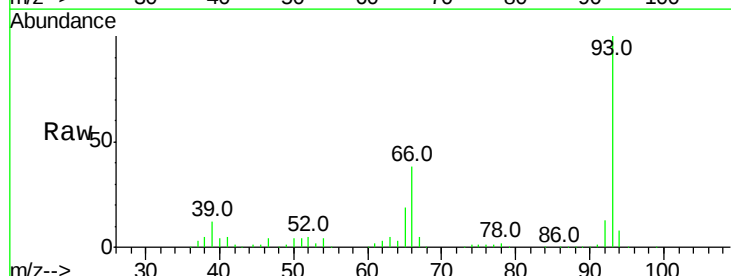
Tgt Ion: 93 Resp: 305212

Ion Ratio Lower Upper

93 100

66 38.4 33.7 50.5

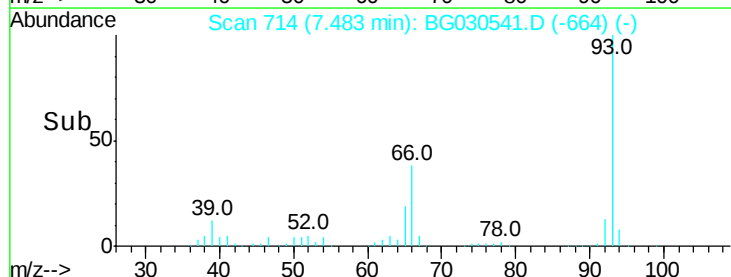
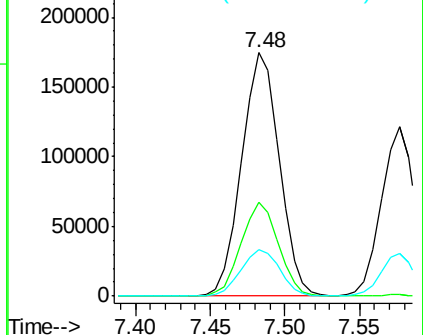
65 19.3 16.1 24.1

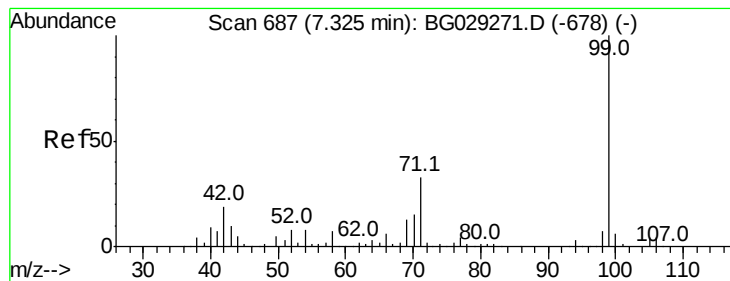


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 79.086 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

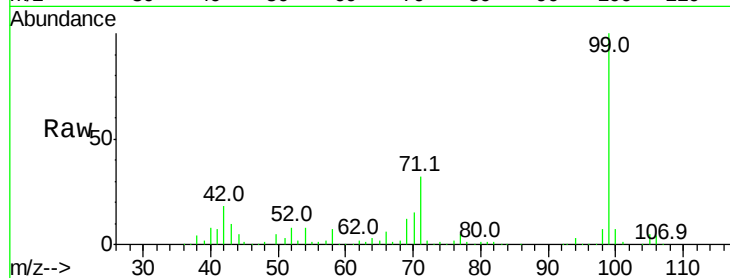
Tot Ion: 99 Resp: 477509

Ion Ratio Lower Upper

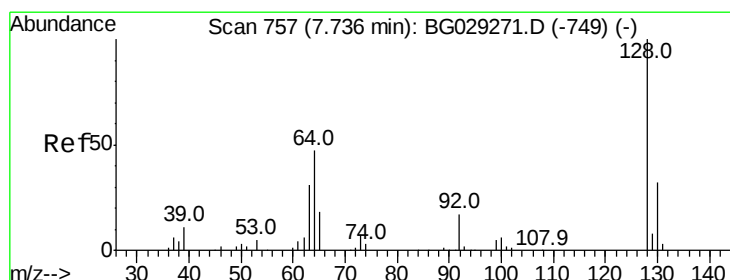
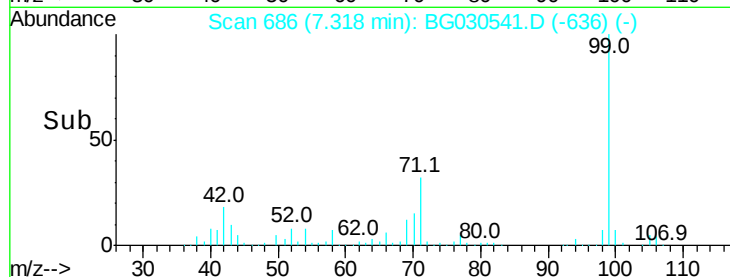
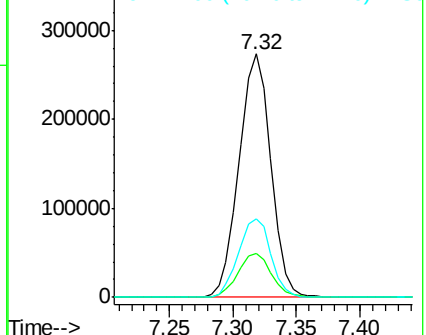
99 100

42 18.3 14.1 21.1

71 32.2 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: 37.440 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

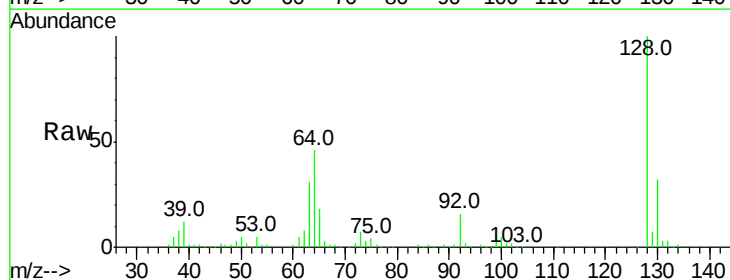
Tgt Ion: 128 Resp: 184597

Ion Ratio Lower Upper

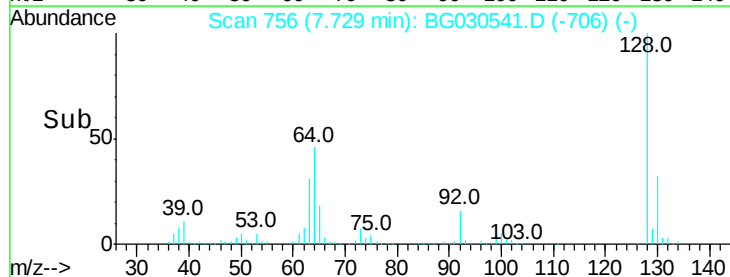
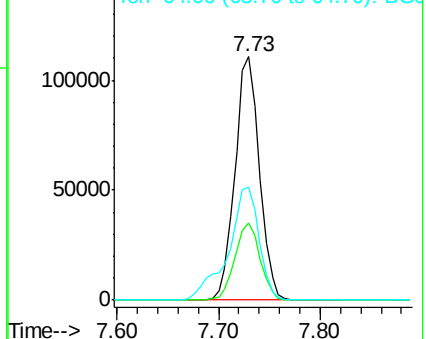
128 100

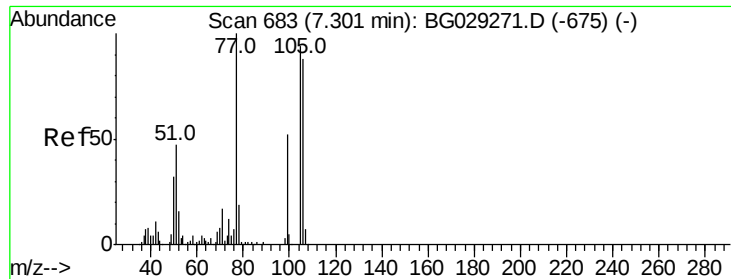
130 31.8 14.0 54.0

64 46.5 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: 46.397 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampled :

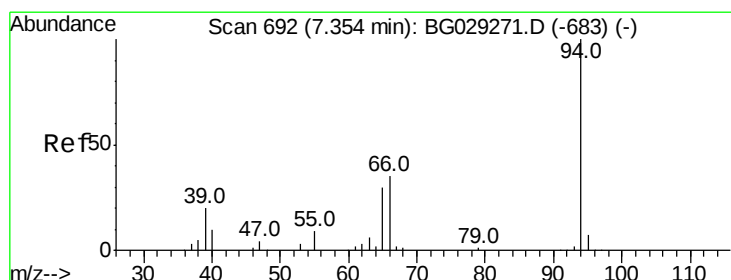
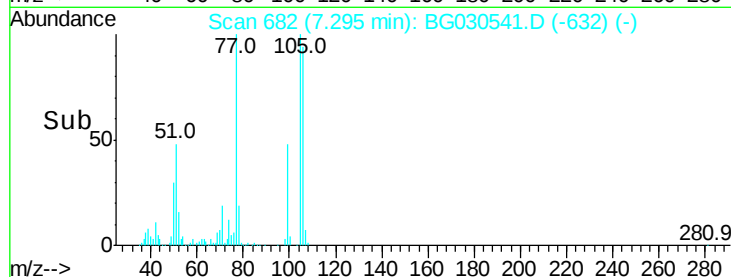
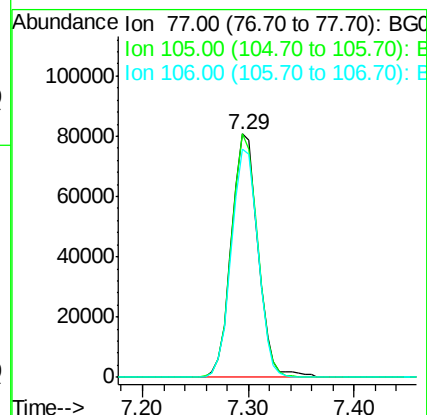
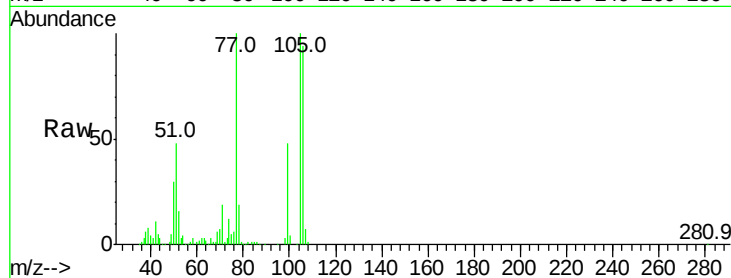
Tot Ion: 77 Resp: 140903

Ion Ratio Lower Upper

77 100

105 100.0 71.3 111.3

106 93.9 64.2 104.2



#10

Phenol

Concen: 36.957 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

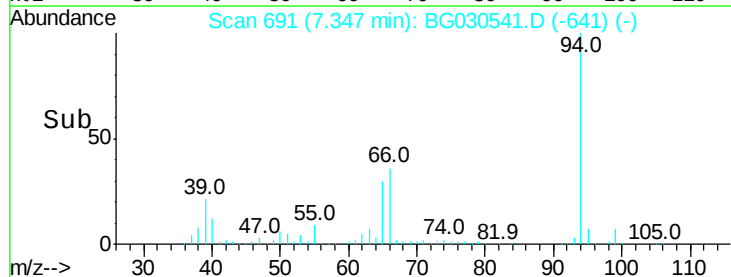
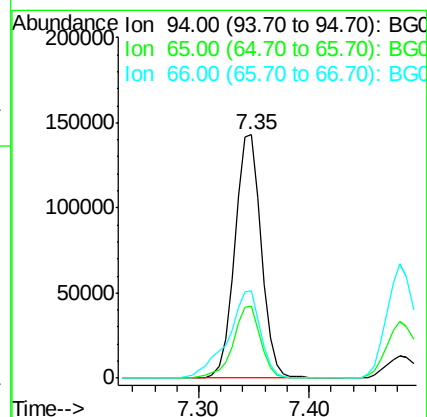
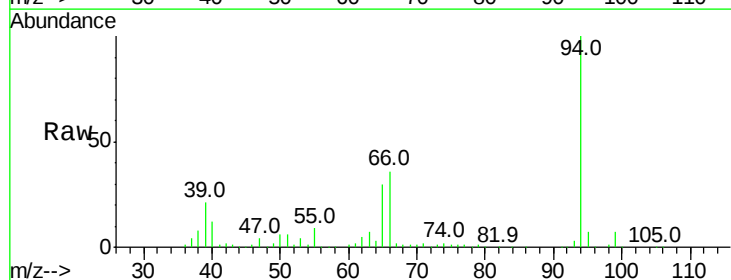
Tgt Ion: 94 Resp: 240565

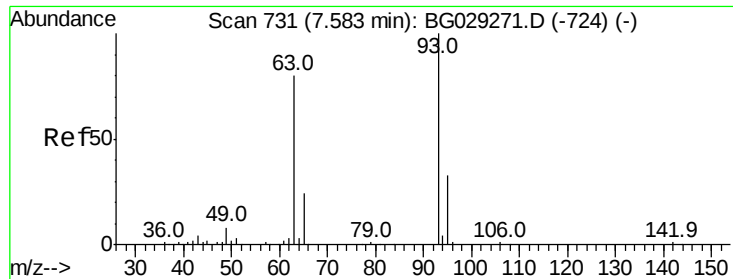
Ion Ratio Lower Upper

94 100

65 29.8 11.9 51.9

66 35.7 22.2 62.2

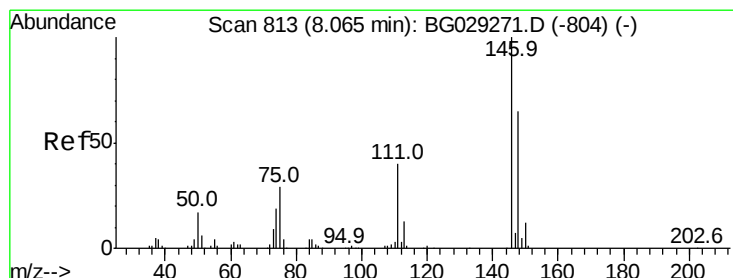
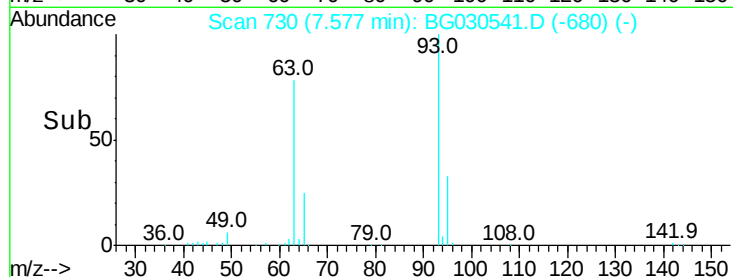
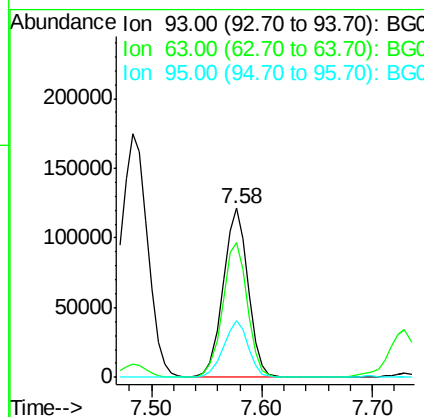
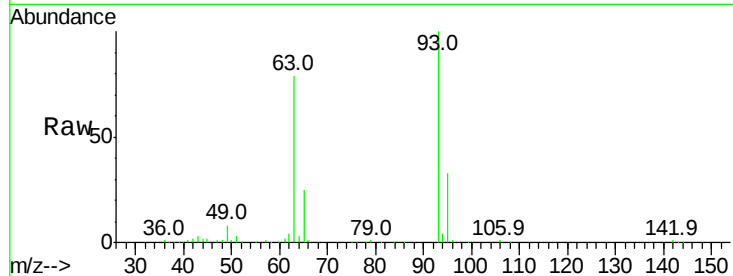




#11
 bis(2-Chloroethyl)ether
 Concen: 40.348 ng
 RT: 7.58 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

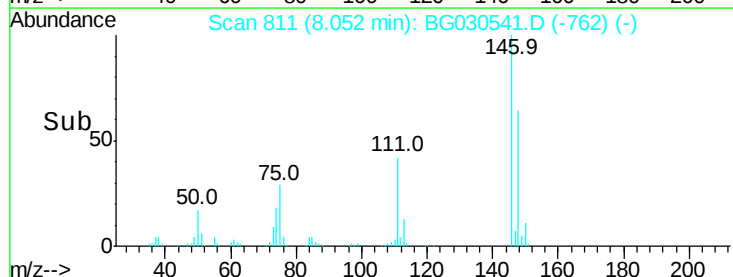
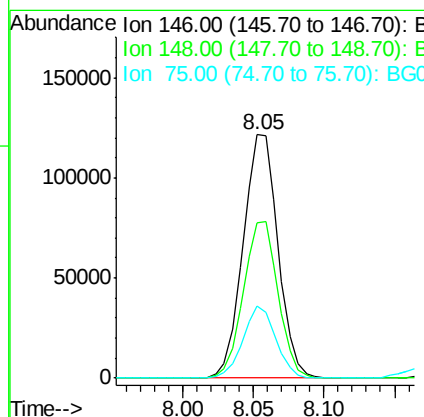
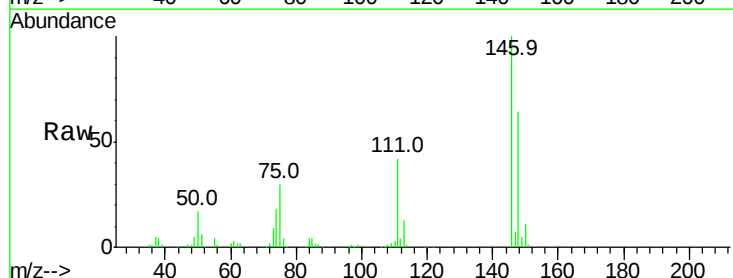
Instrument :
 BNA_G
 ClientSampleId :

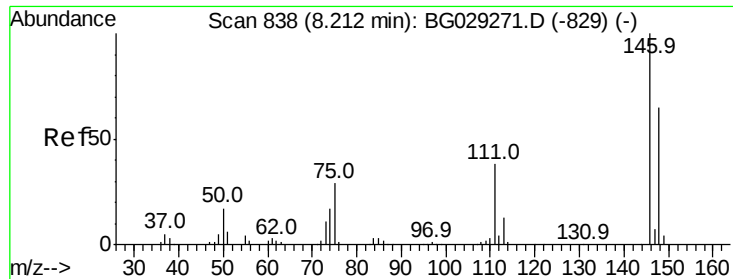
Tot Ion: 93 Resp: 191353
 Ion Ratio Lower Upper
 93 100
 63 79.4 67.1 107.1
 95 33.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 37.872 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion: 146 Resp: 209643
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.2
 75 29.6 26.6 39.8

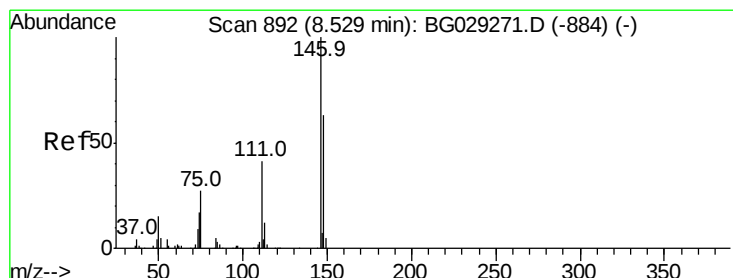
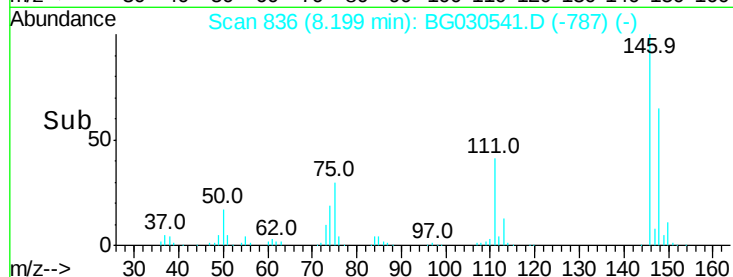
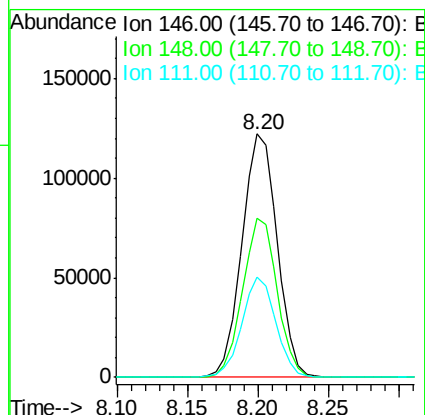
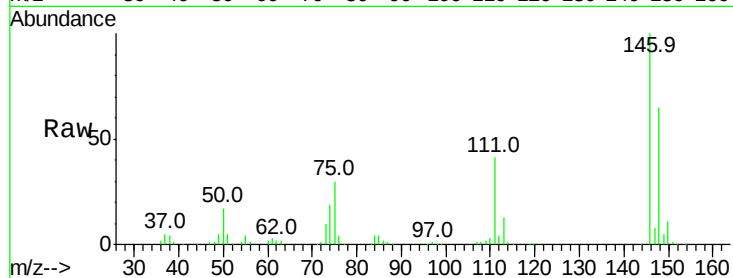




#13
 1,4-Dichlorobenzene
 Concen: 37.688 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

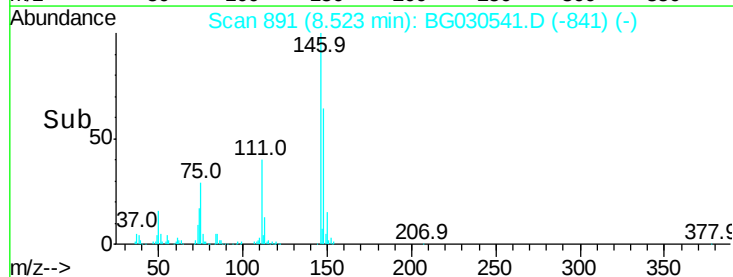
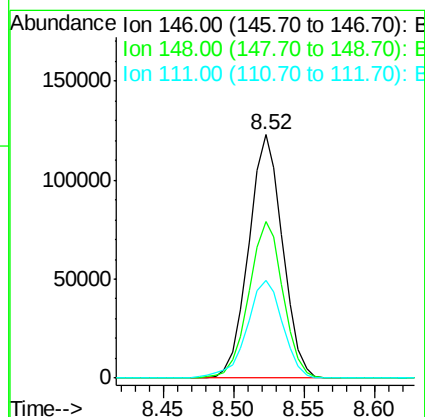
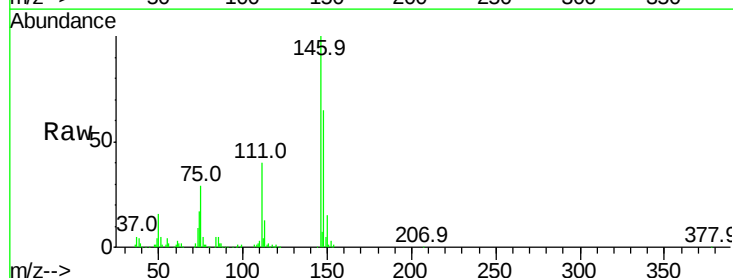
Instrument :
 BNA_G
 ClientSampleId :

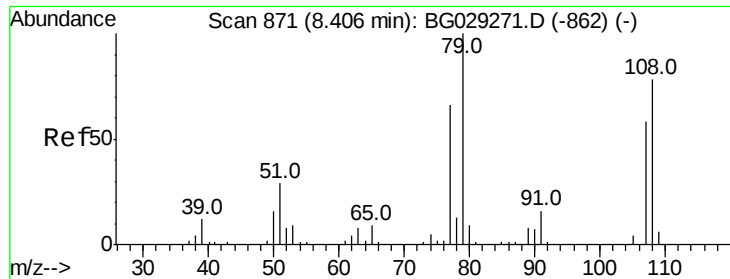
Tot Ion:146 Resp: 213002
 Ion Ratio Lower Upper
 146 100
 148 65.2 53.7 80.5
 111 41.3 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 37.859 ng
 RT: 8.52 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion:146 Resp: 206375
 Ion Ratio Lower Upper
 146 100
 148 64.5 49.3 73.9
 111 39.9 34.3 51.5





#15

Benzyl Alcohol

Concen: 43.081 ng

RT: 8.40 min Scan# 870

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

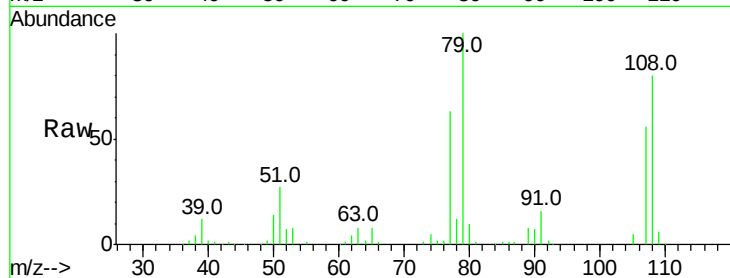
Tot Ion: 79 Resp: 183308

Ion Ratio Lower Upper

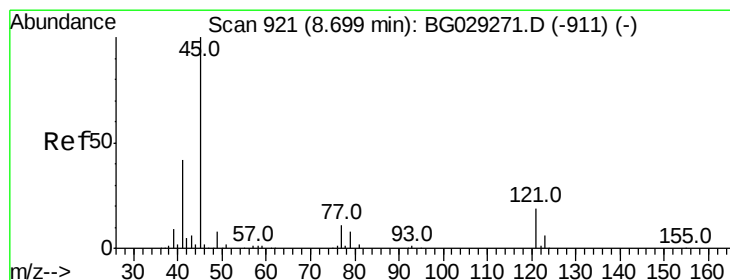
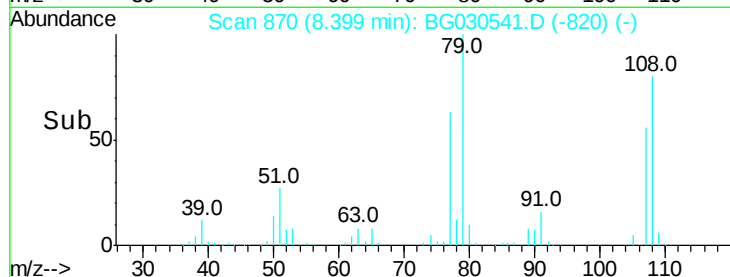
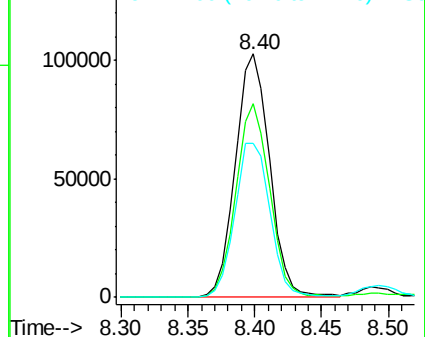
79 100

108 79.6 57.2 85.8

77 63.5 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: 27.226 ng

RT: 8.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

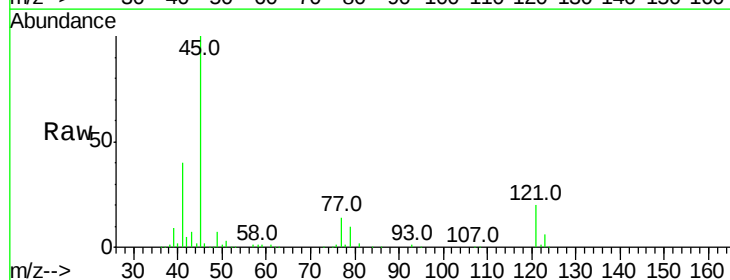
Tgt Ion: 45 Resp: 219281

Ion Ratio Lower Upper

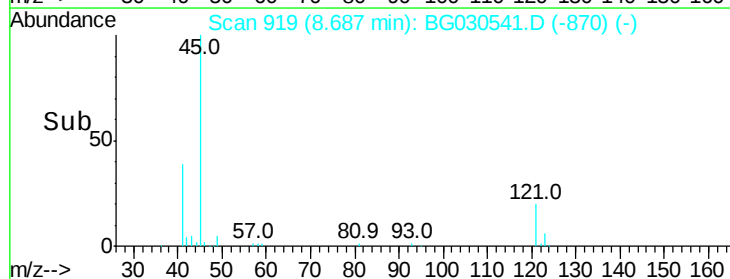
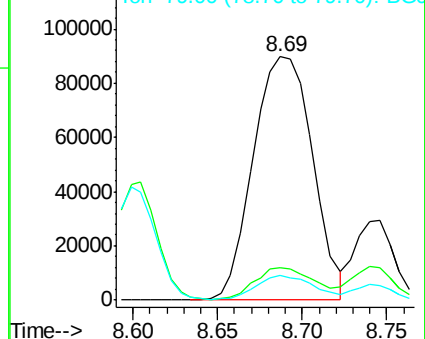
45 100

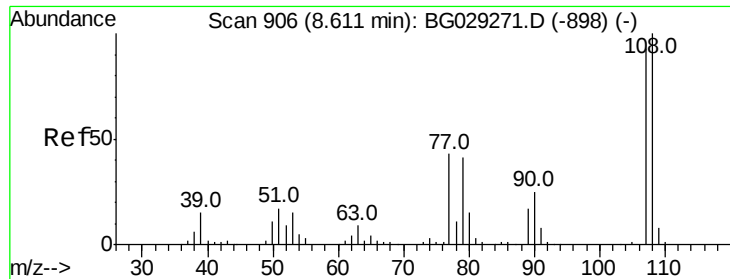
77 13.5 0.0 30.2

79 10.2 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: 38.475 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 166369

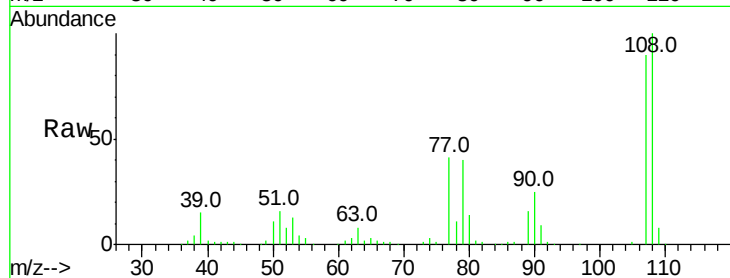
Ion Ratio Lower Upper

107 100

108 110.9 83.9 125.9

77 45.5 37.2 55.8

79 44.4 36.2 54.2

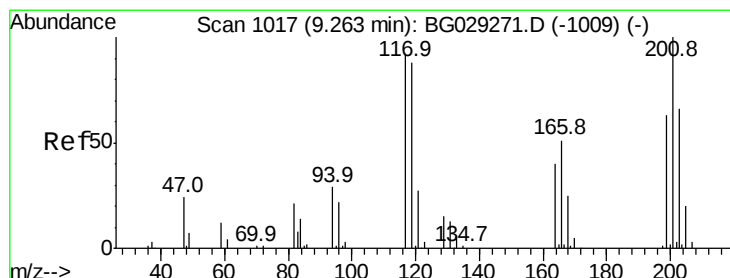
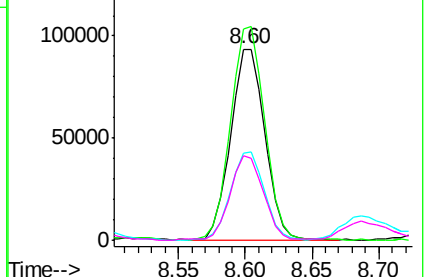
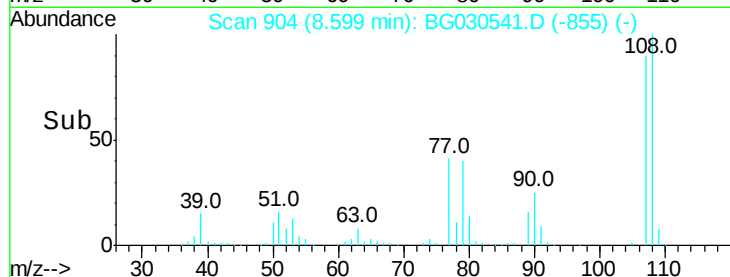


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.978 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

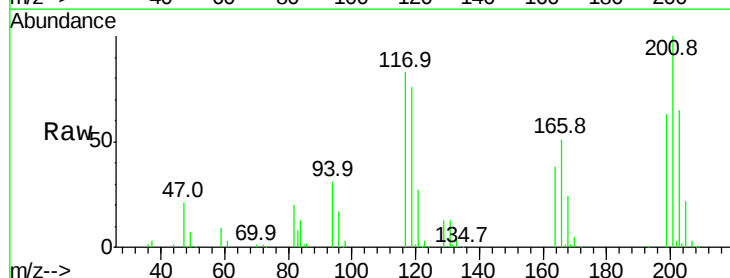
Tgt Ion:117 Resp: 73146

Ion Ratio Lower Upper

117 100

119 91.4 76.7 115.1

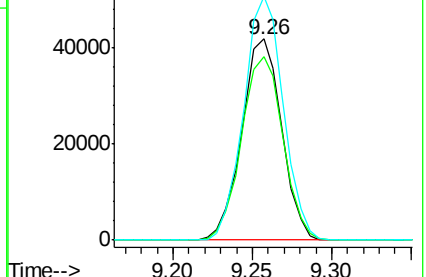
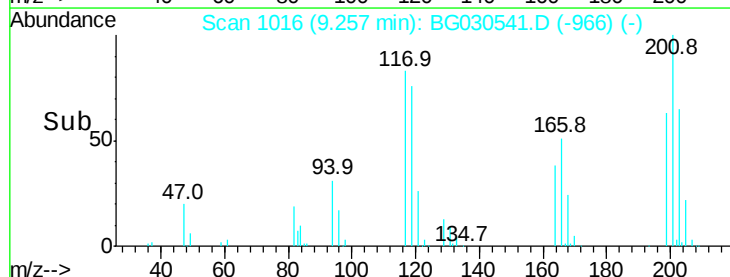
201 121.0 95.7 143.5

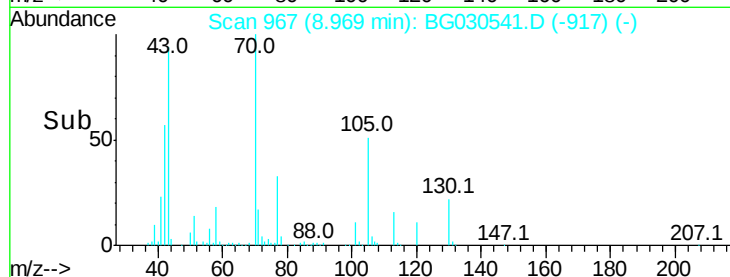
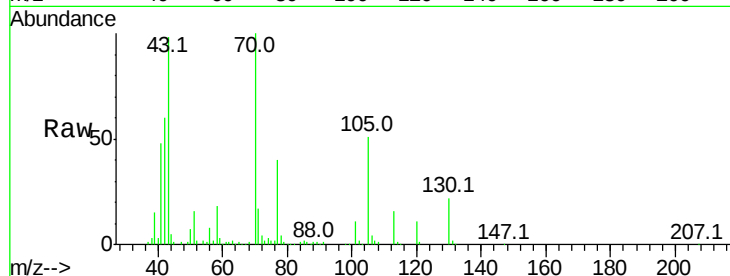
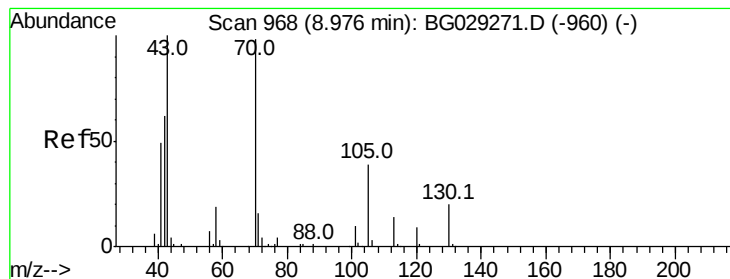


Abundance Ion 117.00 (116.70 to 117.70): E

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: 43.540 ng

RT: 8.97 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 178748

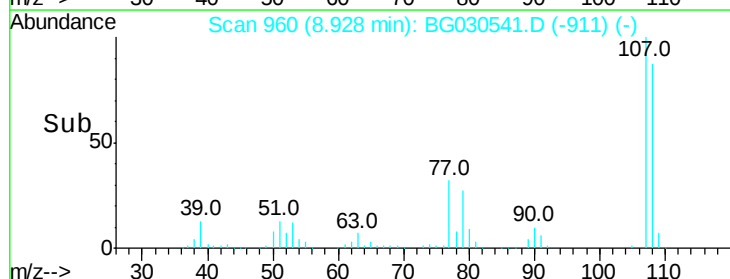
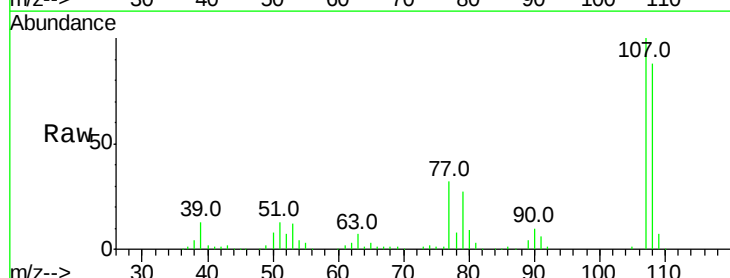
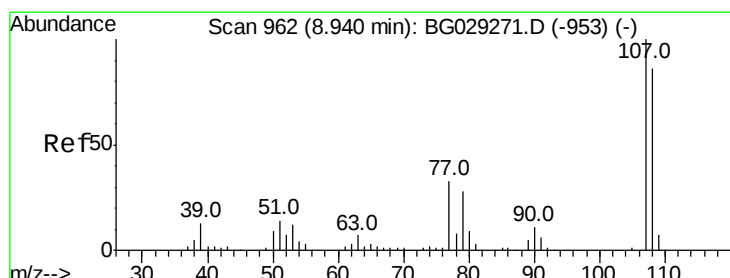
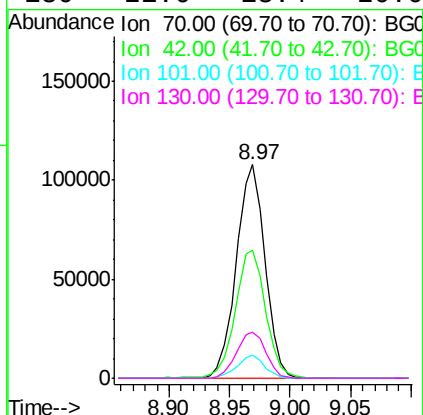
Ion Ratio Lower Upper

70 100

42 59.8 49.1 73.7

101 10.5 8.5 12.7

130 21.6 13.4 20.0#



#20

3+4-Methylphenols

Concen: 39.578 ng

RT: 8.93 min Scan# 960

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Tgt Ion: 107 Resp: 241139

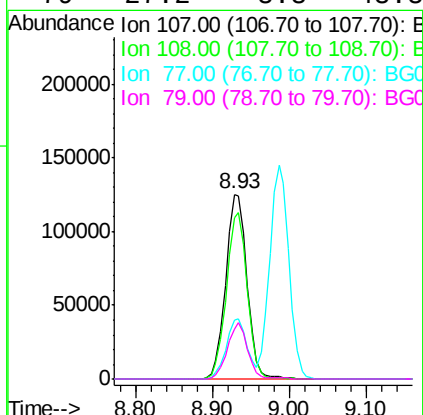
Ion Ratio Lower Upper

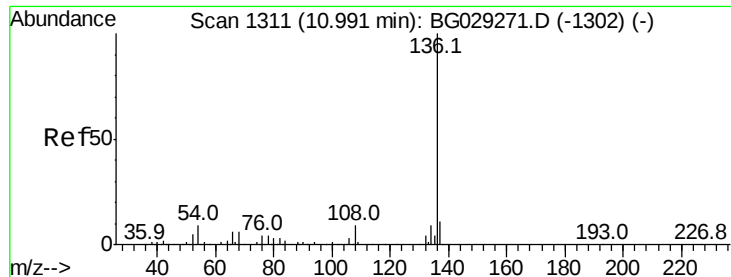
107 100

108 87.6 61.6 101.6

77 32.0 13.9 53.9

79 27.2 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampled :

Tot Ion:136 Resp: 336199

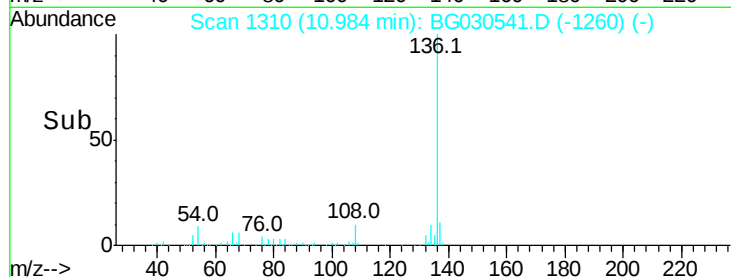
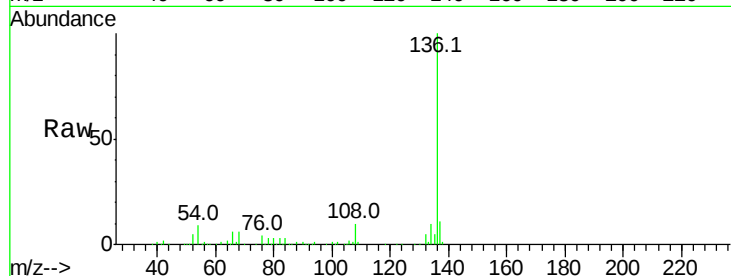
Ion Ratio Lower Upper

136 100

137 10.9 9.2 13.8

54 8.7 10.3 15.5#

68 6.1 4.5 6.7

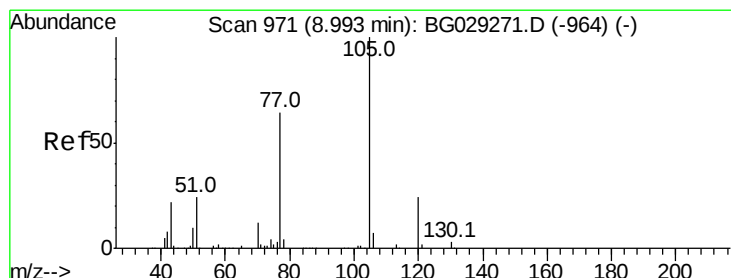
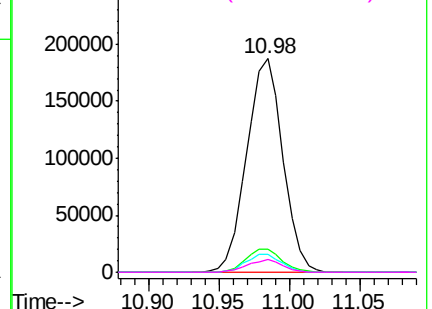


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.688 ng

RT: 8.99 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Tgt Ion:105 Resp: 329661

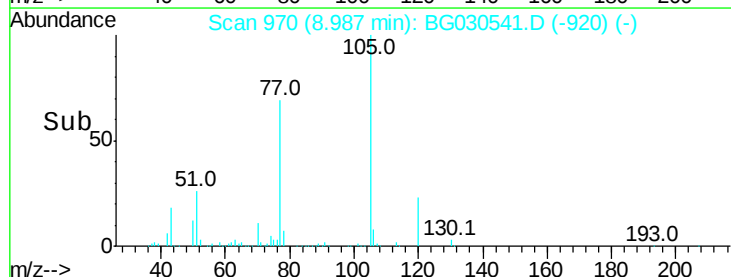
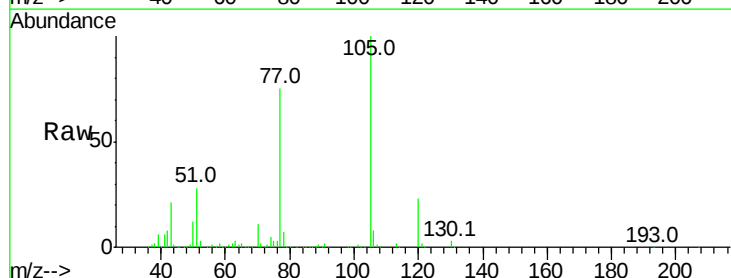
Ion Ratio Lower Upper

105 100

71 1.9 3.0 4.4#

51 27.6 26.1 39.1

120 23.5 17.4 26.2

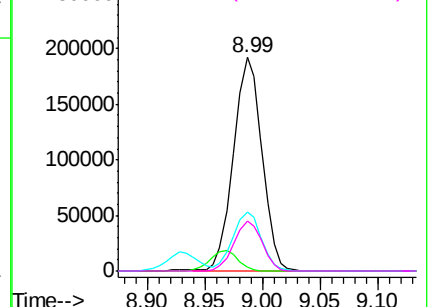


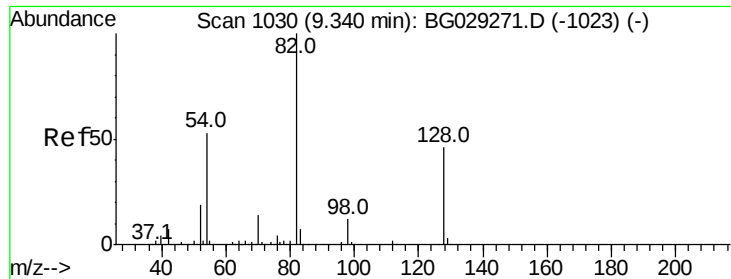
Abundance Ion 105.00 (104.70 to 105.70): E

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

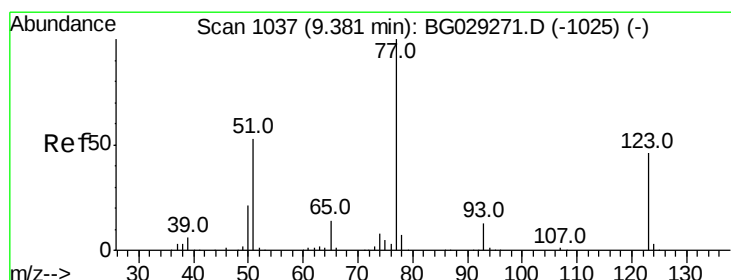
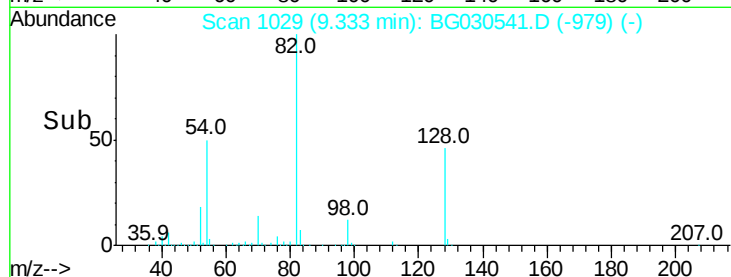
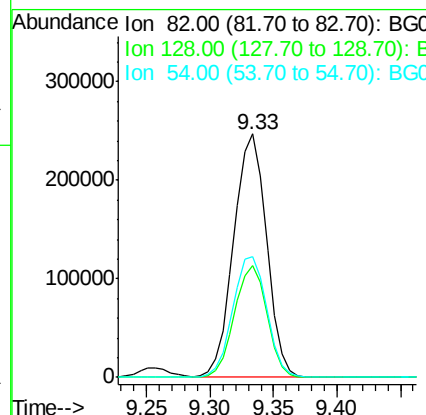
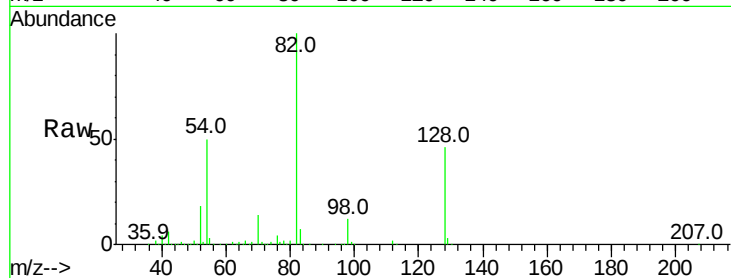




#23
Nitrobenzene-d5
Concen: 83.727 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

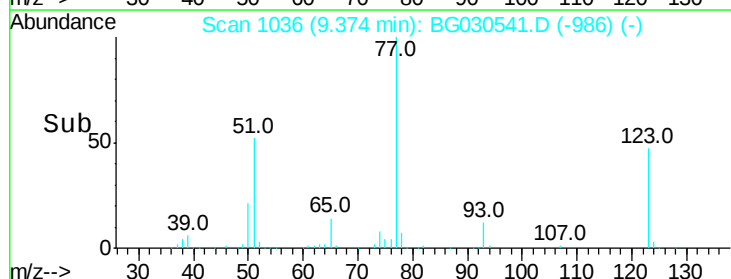
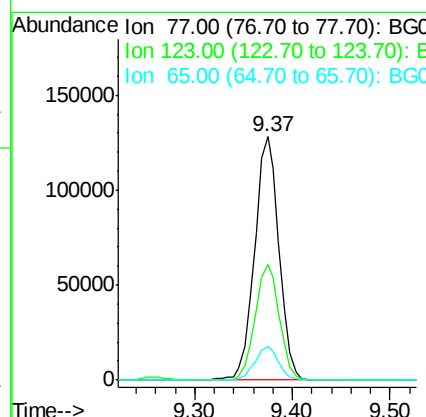
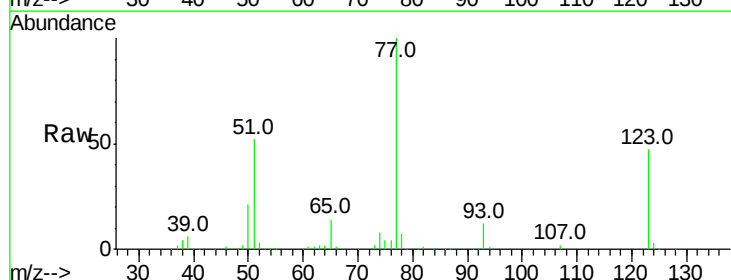
Instrument :
BNA_G
ClientSampleId :

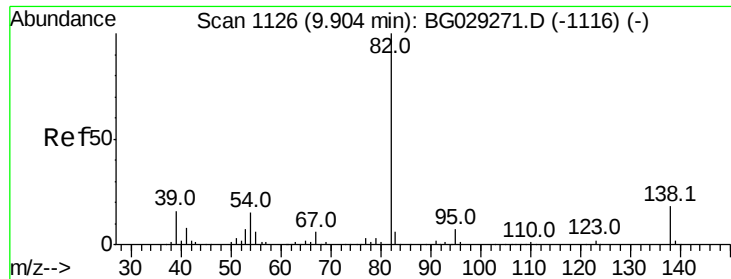
Tot Ion: 82 Resp: 442960
Ion Ratio Lower Upper
82 100
128 45.9 29.7 44.5#
54 49.8 43.1 64.7



#24
Nitrobenzene
Concen: 37.784 ng
RT: 9.37 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion: 77 Resp: 224757
Ion Ratio Lower Upper
77 100
123 47.3 33.0 49.6
65 13.6 13.0 19.6





#25

Isophorone

Concen: 39.732 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

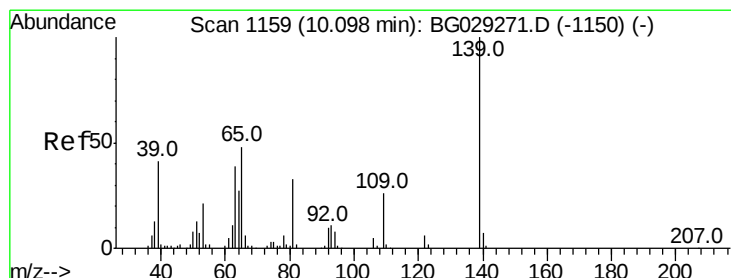
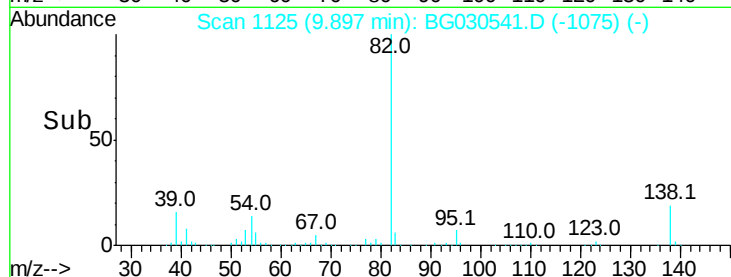
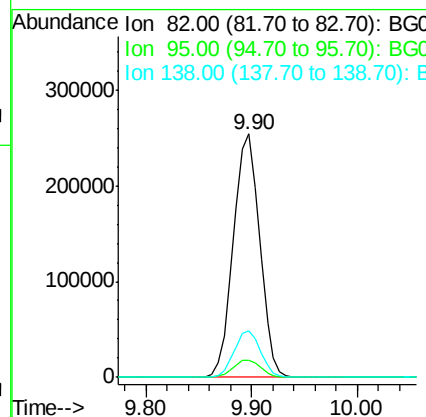
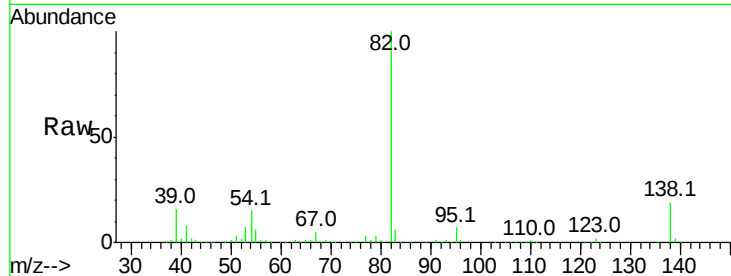
Tot Ion: 82 Resp: 438822

Ion Ratio Lower Upper

82 100

95 7.0 6.2 9.2

138 19.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.025 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

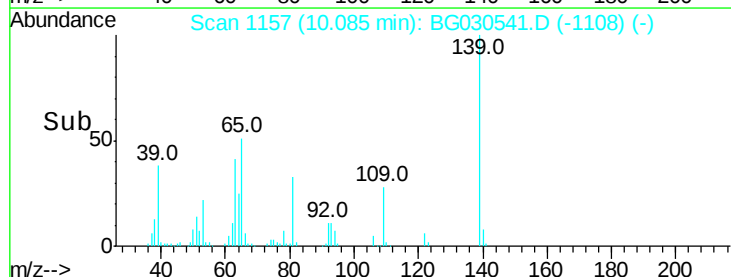
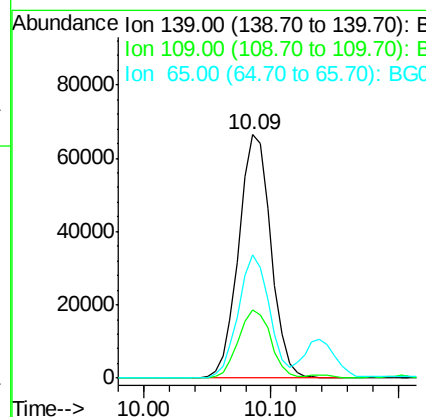
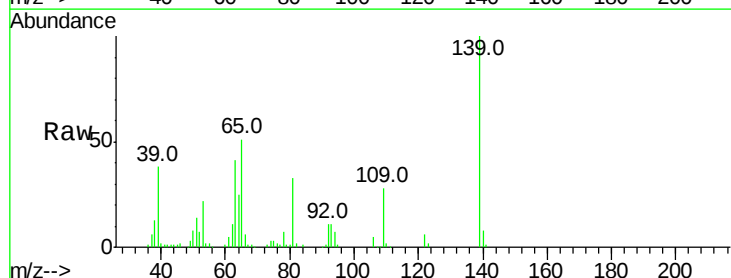
Tgt Ion: 139 Resp: 116636

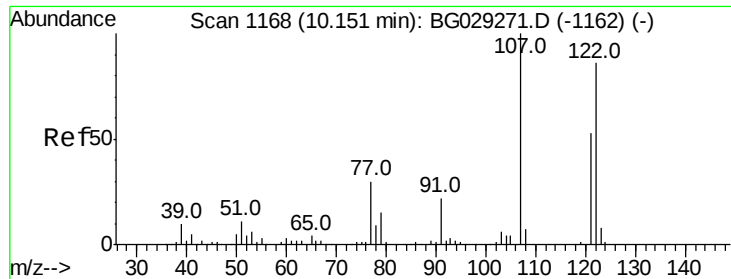
Ion Ratio Lower Upper

139 100

109 28.2 24.2 36.2

65 50.5 47.4 71.0

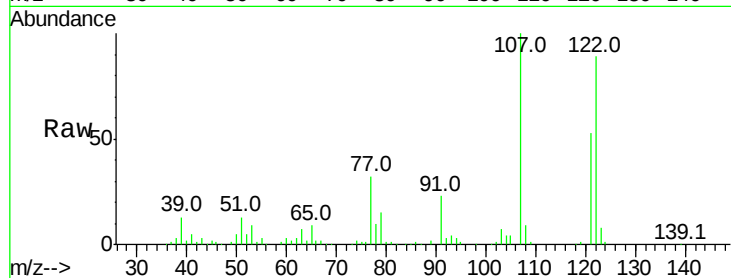




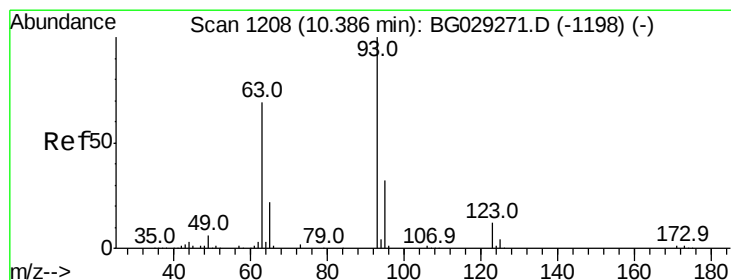
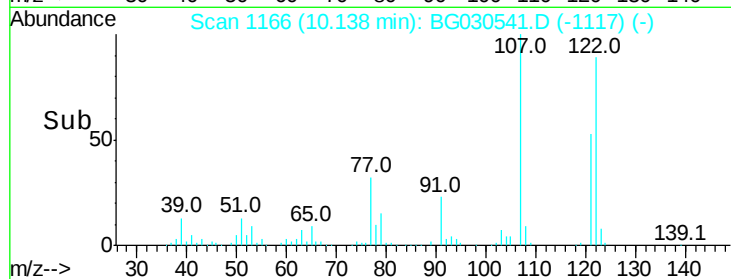
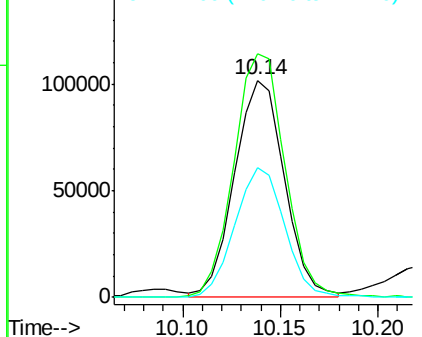
#27
 2,4-Dimethylphenol
 Concen: 34.822 ng
 RT: 10.14 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 179118
 Ion Ratio Lower Upper
 122 100
 107 112.2 100.2 150.2
 121 59.9 44.4 66.6

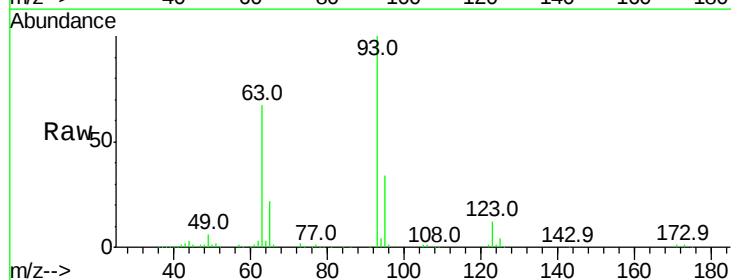


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

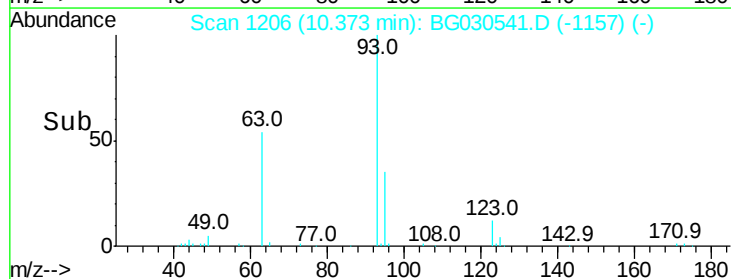
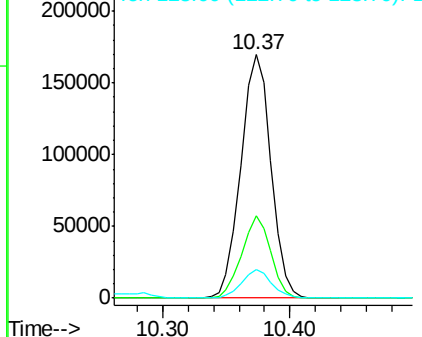


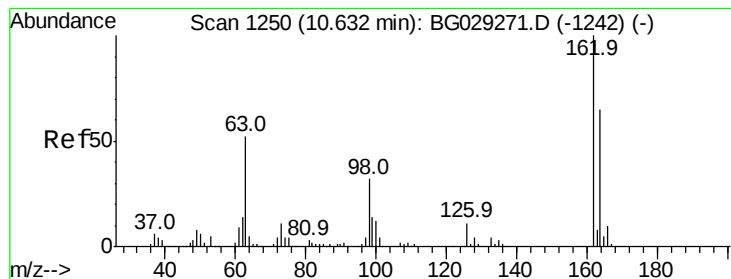
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.207 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion: 93 Resp: 279075
 Ion Ratio Lower Upper
 93 100
 95 33.6 24.3 36.5
 123 11.9 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: 37.817 ng

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

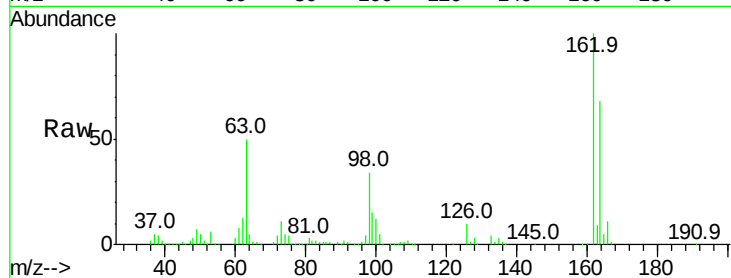
Tot Ion:162 Resp: 207434

Ion Ratio Lower Upper

162 100

164 67.8 48.0 88.0

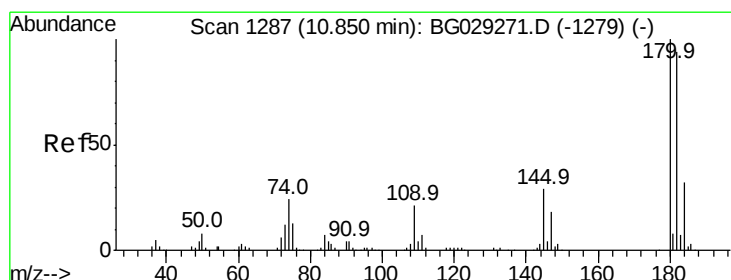
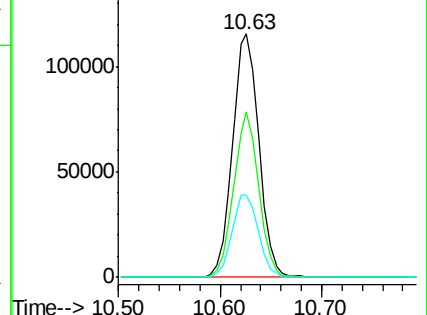
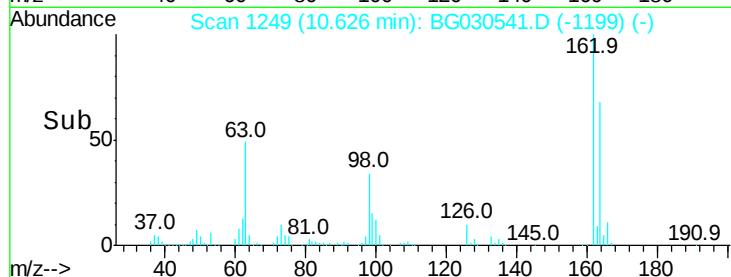
98 33.8 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.752 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

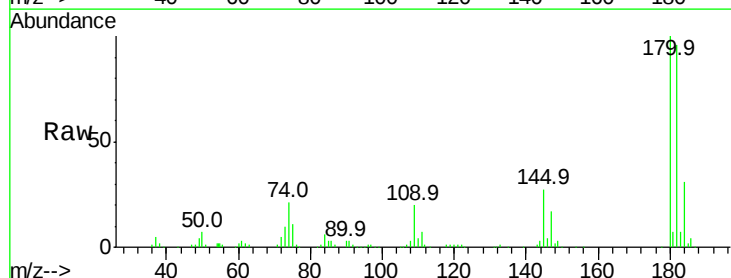
Tgt Ion:180 Resp: 229644

Ion Ratio Lower Upper

180 100

182 95.8 77.5 116.3

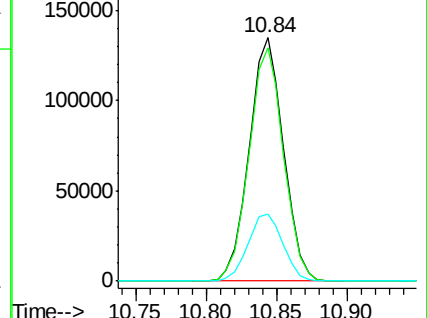
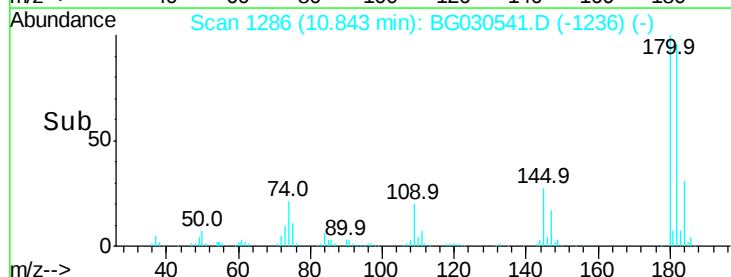
145 27.4 23.4 35.2

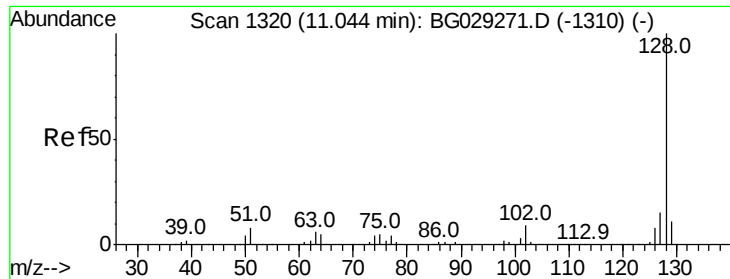


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

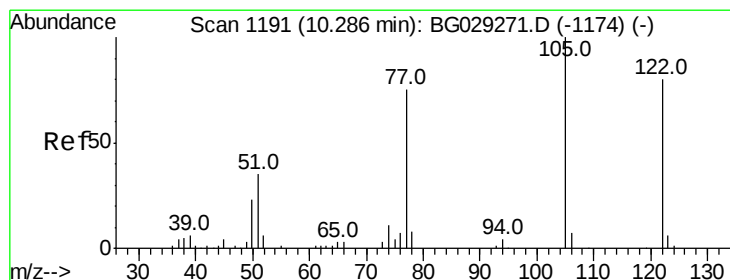
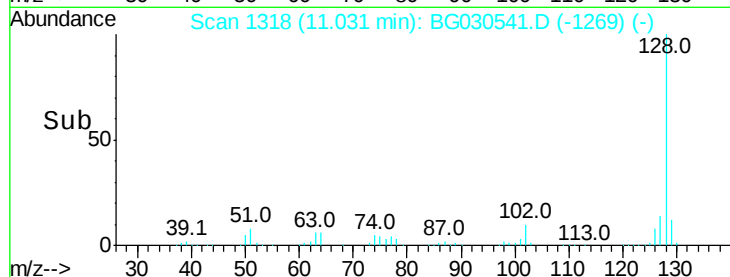
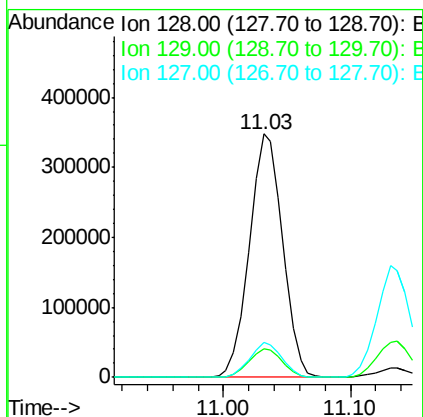
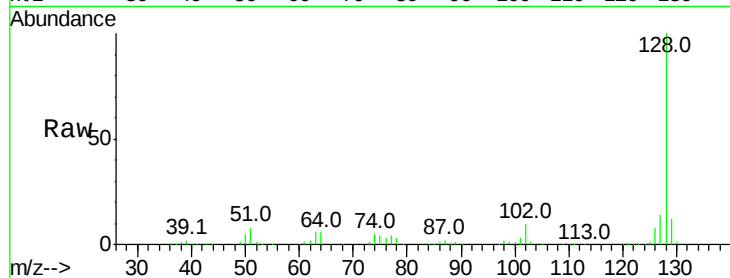




#31
Naphthalene
Concen: 37.786 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

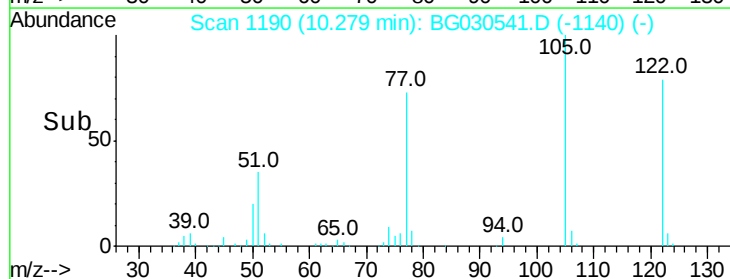
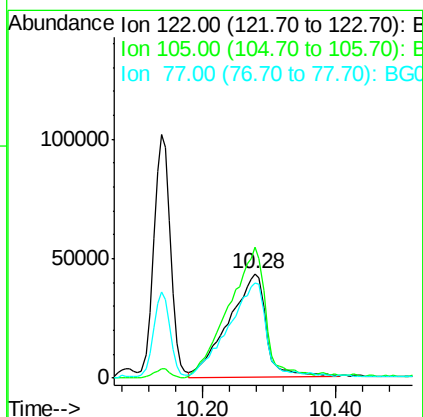
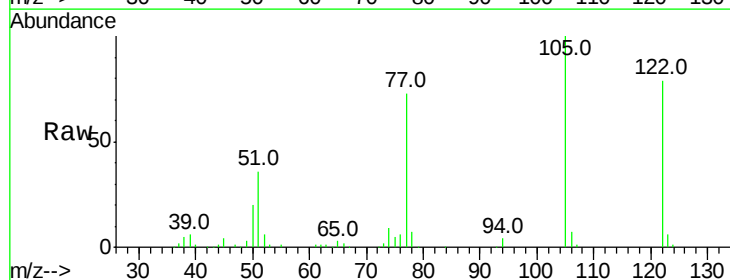
Instrument :
BNA_G
ClientSampleId :

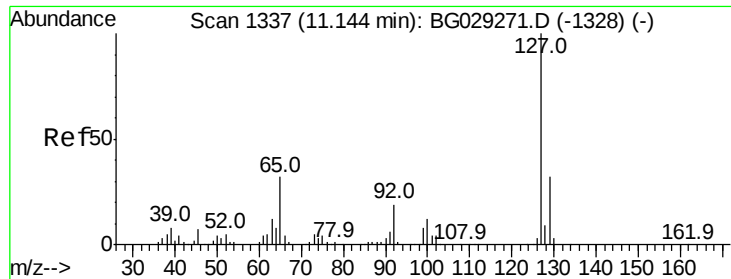
Tot Ion:128 Resp: 633117
Ion Ratio Lower Upper
128 100
129 11.9 8.6 12.8
127 14.2 11.6 17.4



#32
Benzoic acid
Concen: 39.042 ng
RT: 10.28 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:122 Resp: 168155
Ion Ratio Lower Upper
122 100
105 126.2 123.5 163.5
77 91.8 85.7 125.7

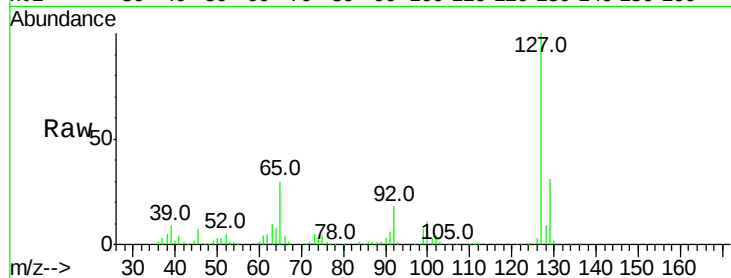




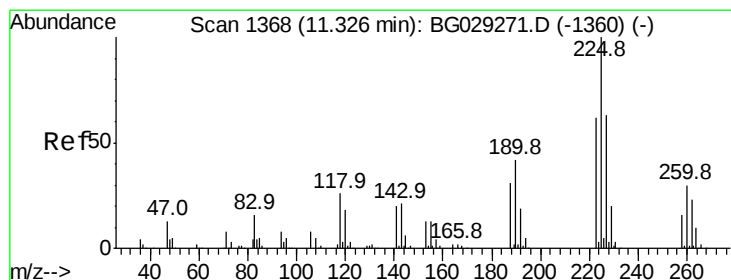
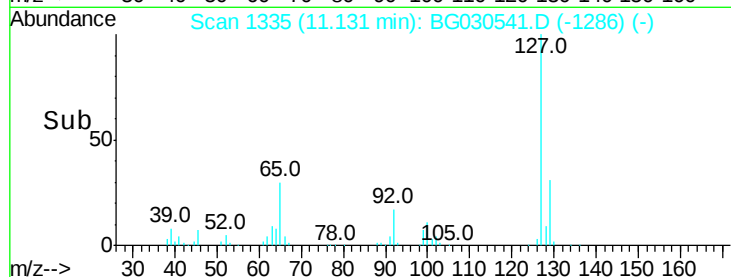
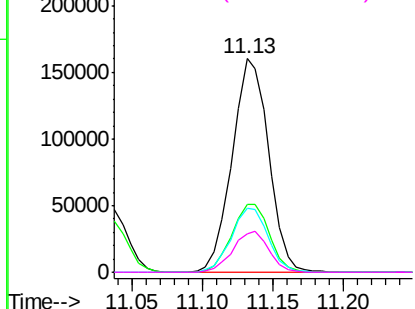
#33
4-Chloroaniline
Concen: 41.062 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	289410
Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	30.1	27.0	40.4
92	18.3	16.6	25.0

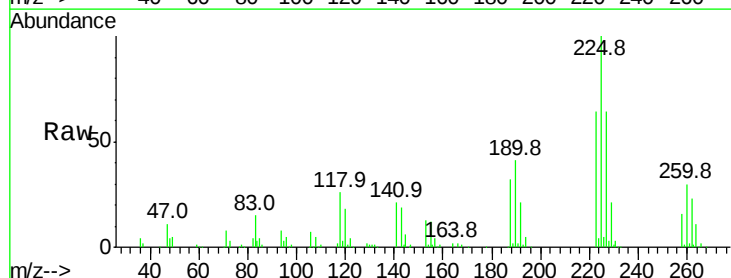


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

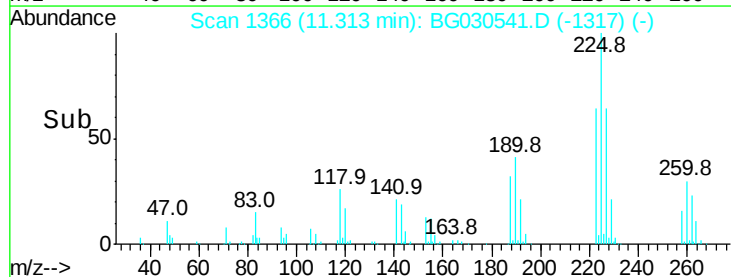
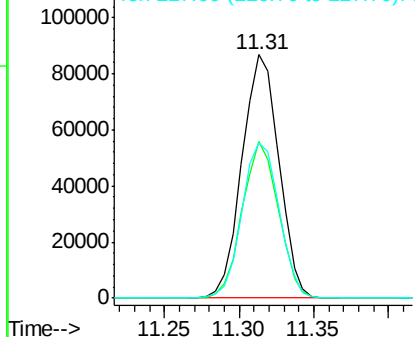


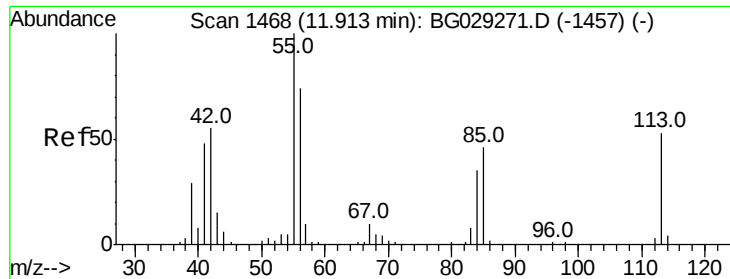
#34
Hexachlorobutadiene
Concen: 40.315 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:	225	Resp:	148539
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.7	74.5
227	63.7	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: 45.152 ng

RT: 11.91 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampled :

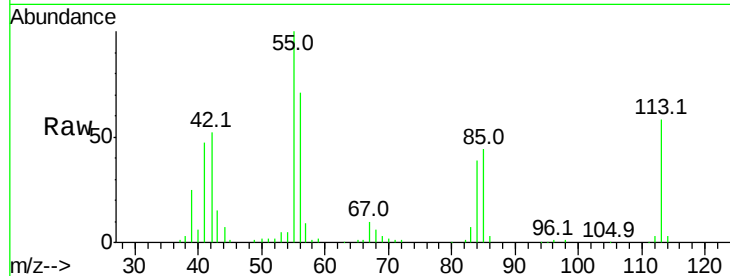
Tot Ion:113 Resp: 82311

Ion Ratio Lower Upper

113 100

55 173.3 186.9 226.9#

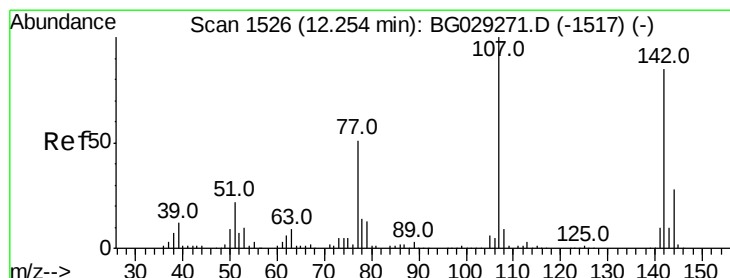
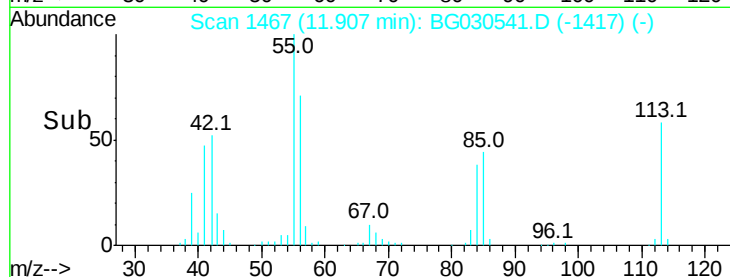
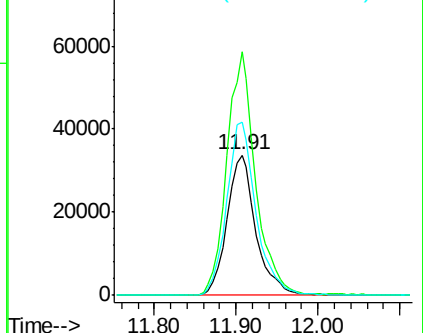
56 123.1 130.9 170.9#



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: 37.274 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

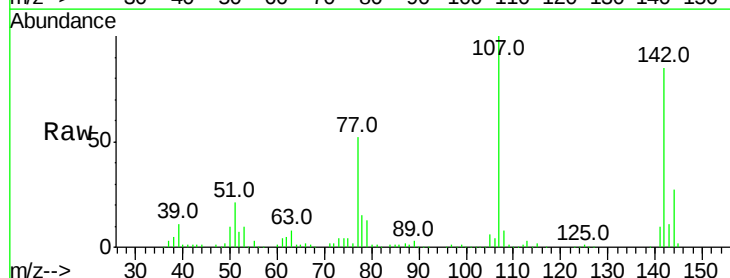
Tgt Ion:107 Resp: 224874

Ion Ratio Lower Upper

107 100

144 27.4 18.2 27.4#

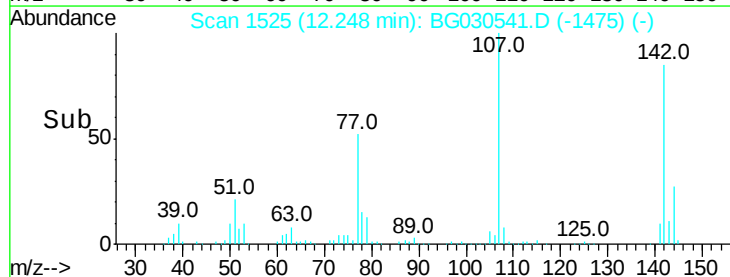
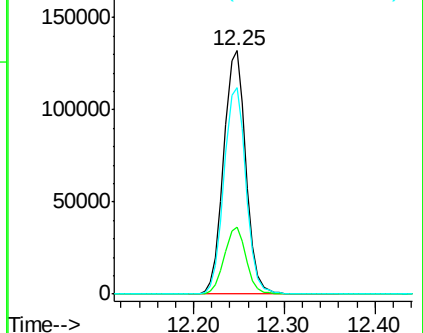
142 84.8 59.0 88.4

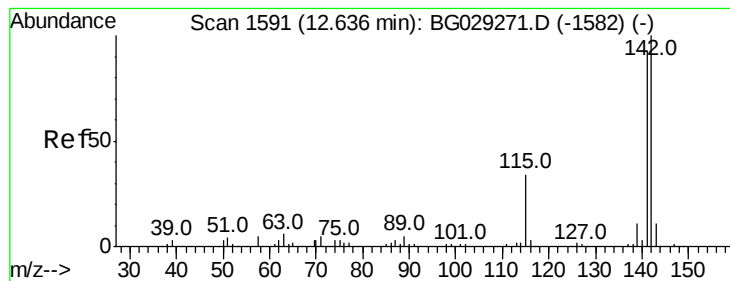


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.978 ng

RT: 12.62 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

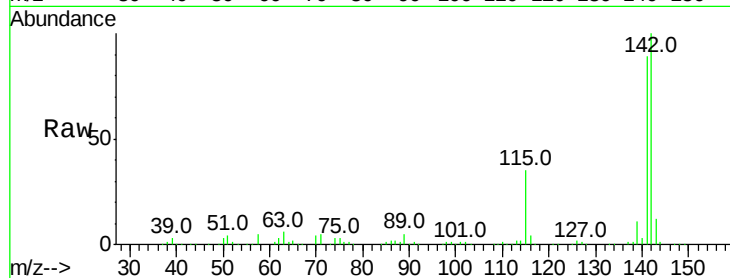
Tot Ion:142 Resp: 488197

Ion Ratio Lower Upper

142 100

141 89.1 67.1 100.7

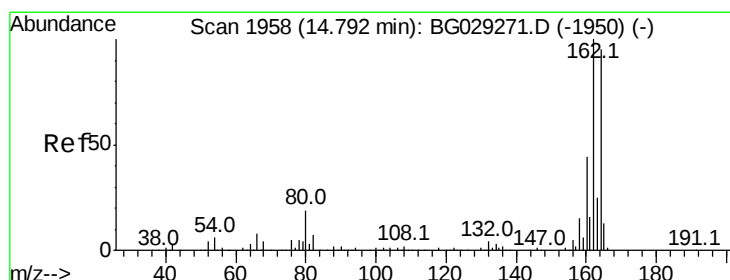
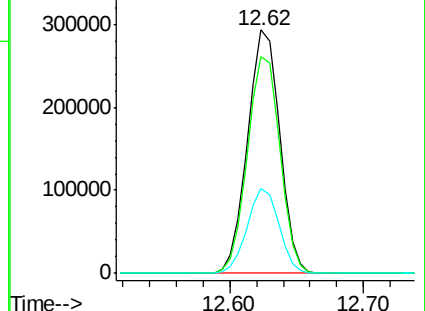
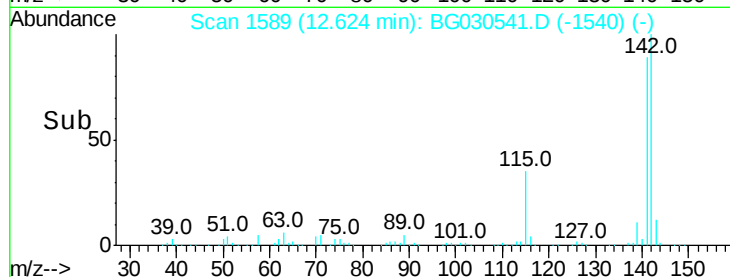
115 34.9 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

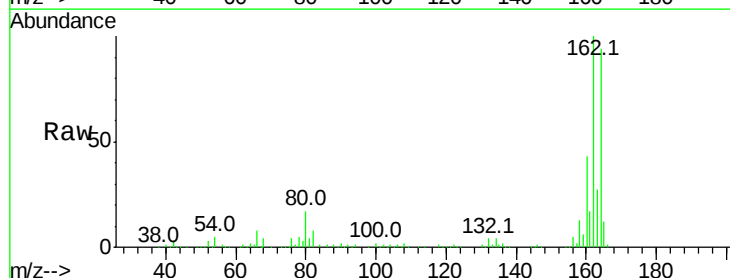
Tgt Ion:164 Resp: 219455

Ion Ratio Lower Upper

164 100

162 106.3 78.8 118.2

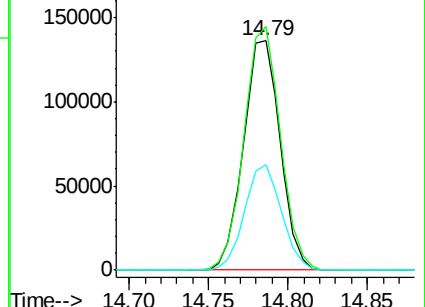
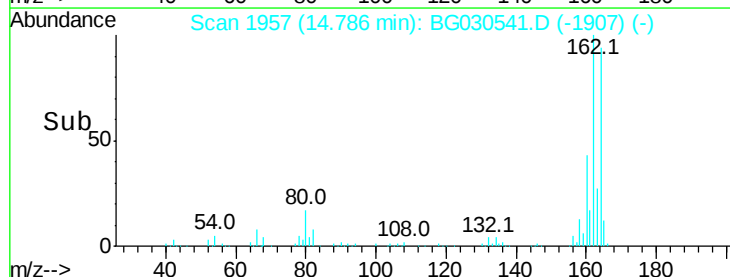
160 46.0 35.4 53.0

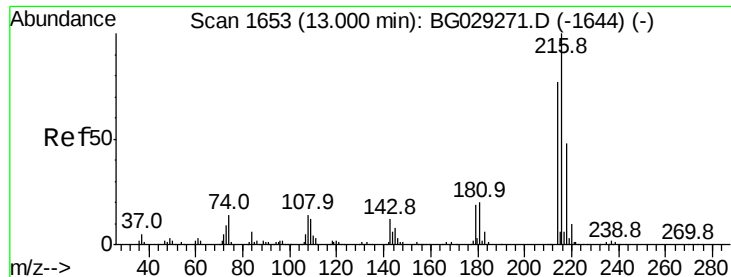


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.990 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 304392

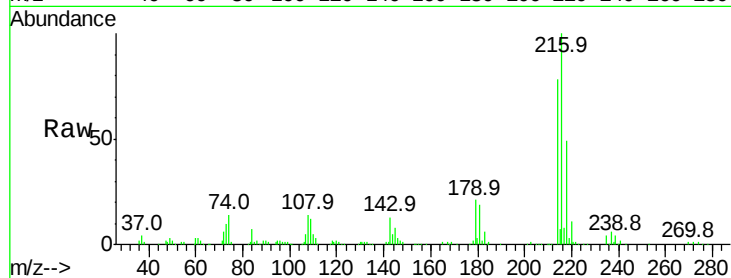
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 20.3 17.0 25.6

108 15.1 12.8 19.2

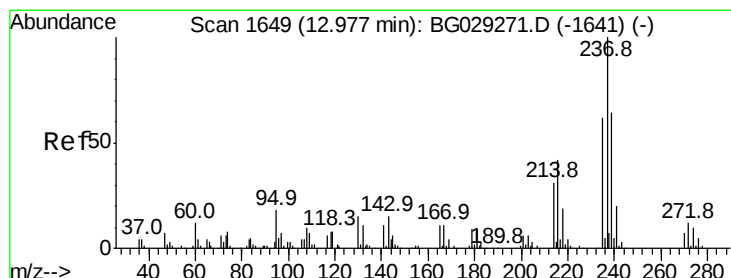
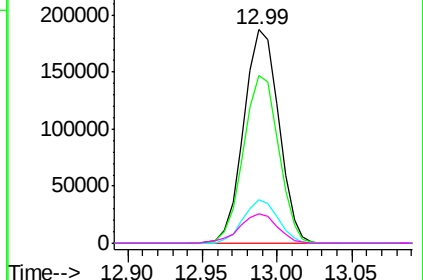
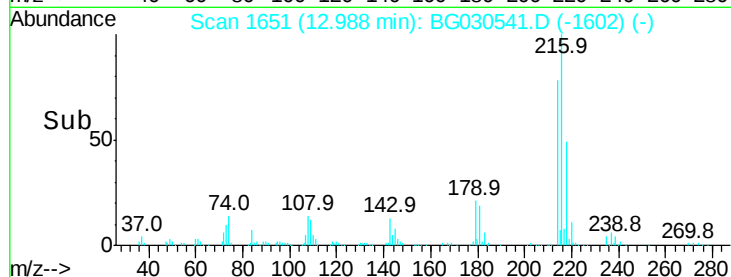


Abundance Ion 216.00 (215.70 to 216.70): E

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: 47.320 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

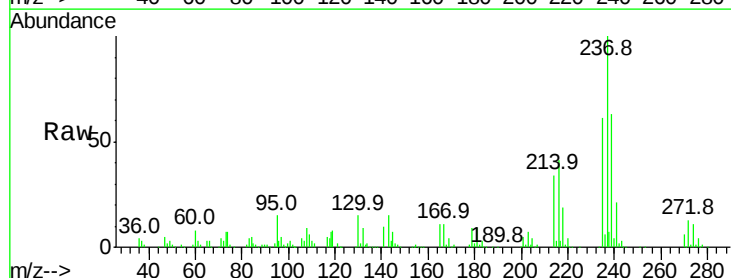
Tgt Ion:237 Resp: 137494

Ion Ratio Lower Upper

237 100

235 61.0 50.4 90.4

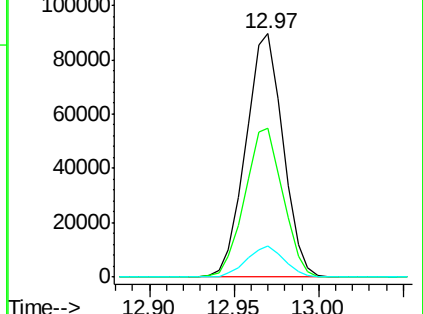
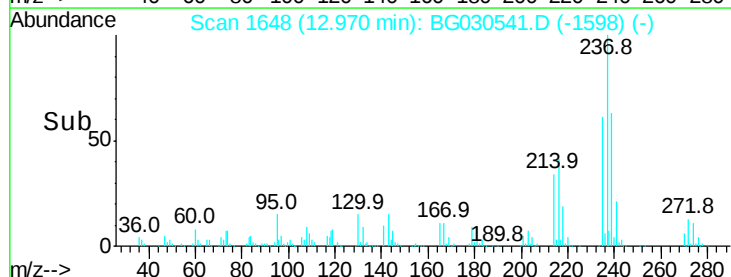
272 12.6 0.0 31.8

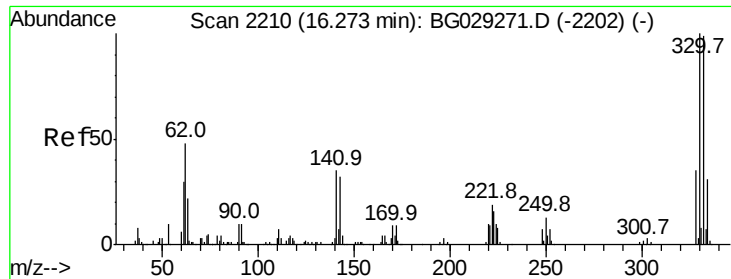


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

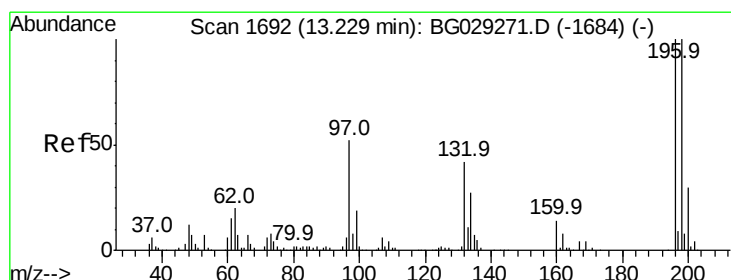
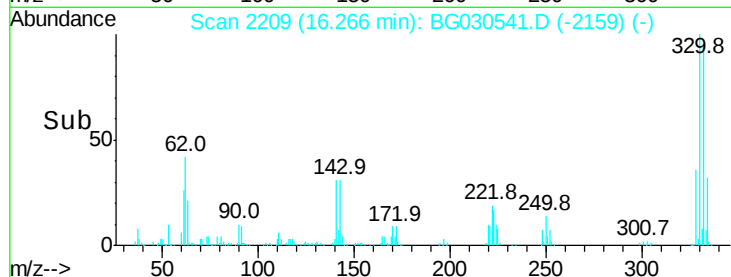
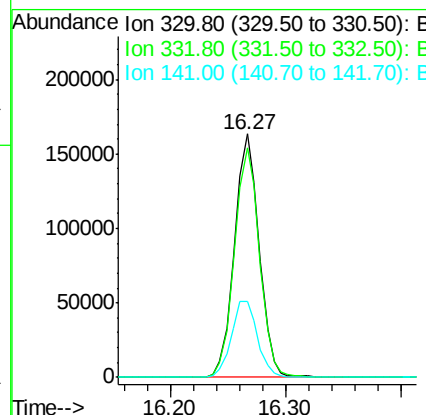
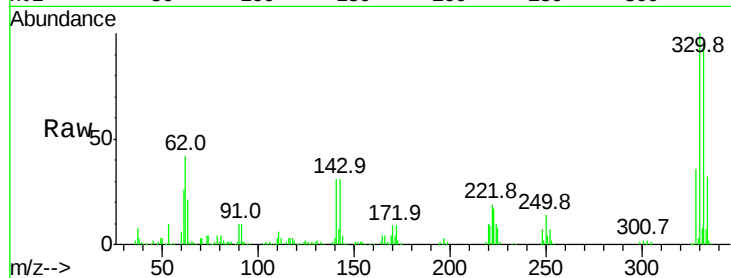




#41
 2,4,6-Tribromophenol
 Concen: 85.352 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

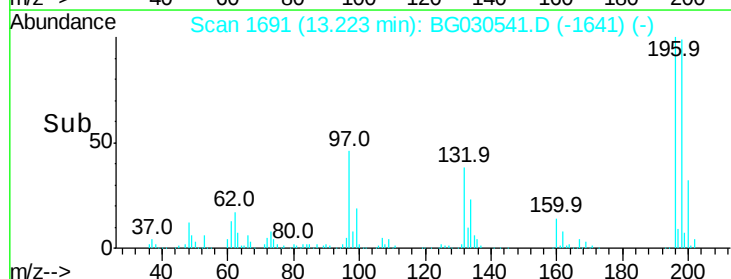
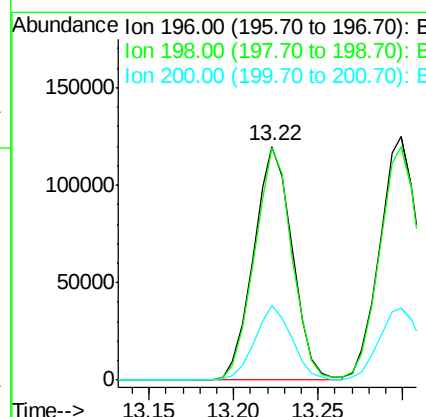
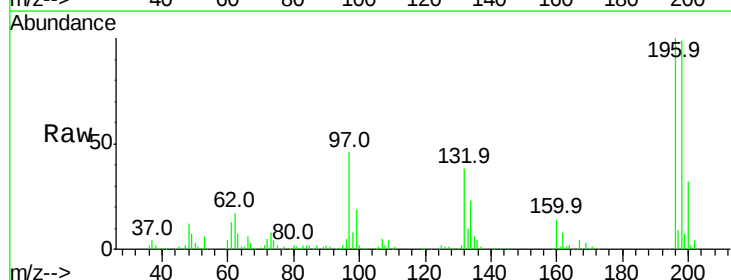
Instrument :
 BNA_G
 ClientSampleId :

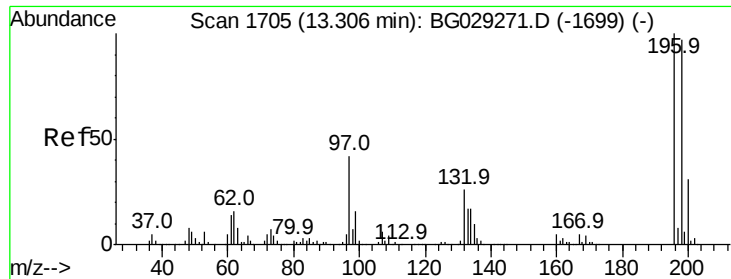
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.3	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 37.908 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.4	78.2	117.2
200	31.8	24.6	36.8

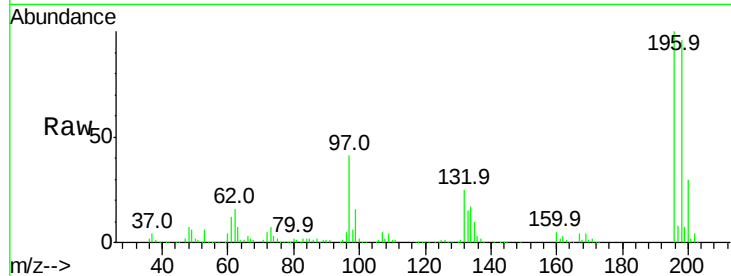




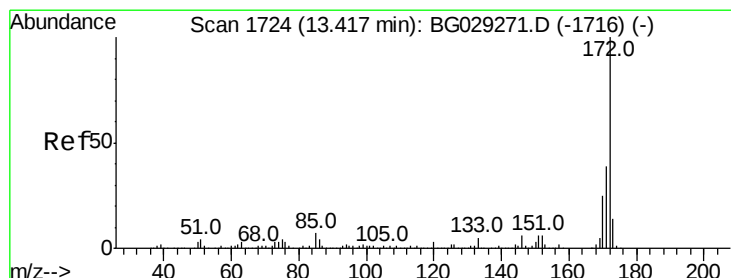
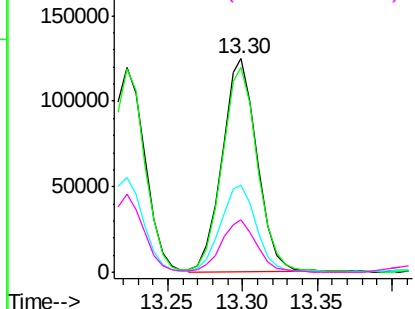
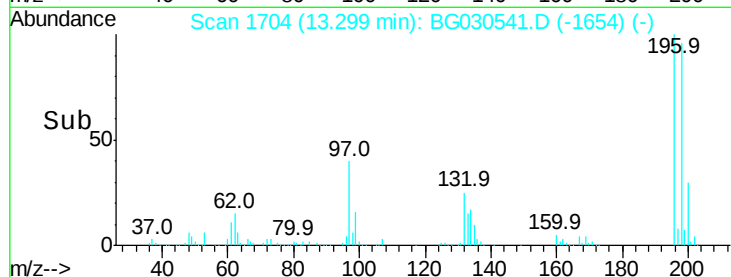
#43
 2,4,5-Trichlorophenol
 Concen: 39.302 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.2	114.4
97	40.9	38.7	58.1
132	24.6	20.2	30.2

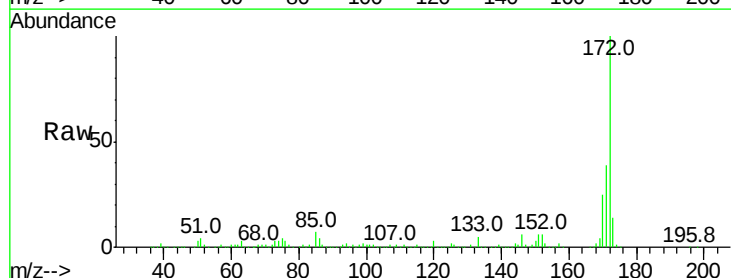


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

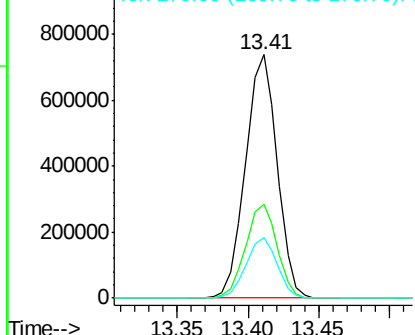
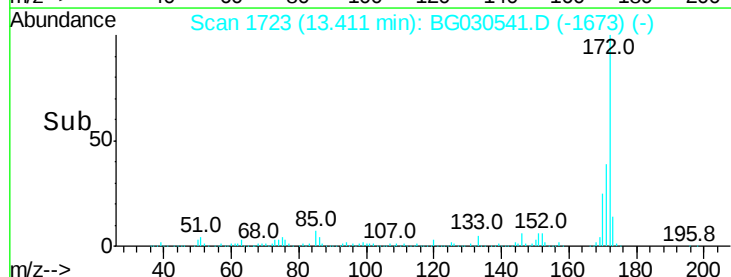


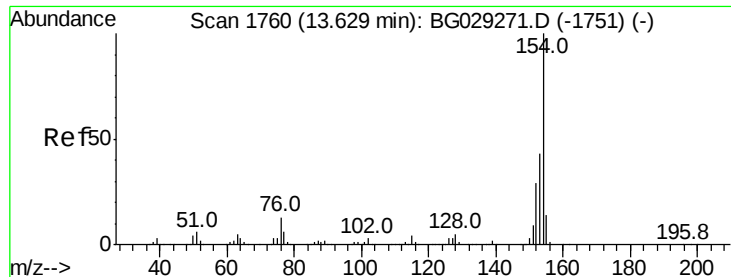
#44
 2-Fluorobiphenyl
 Concen: 77.460 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.0	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

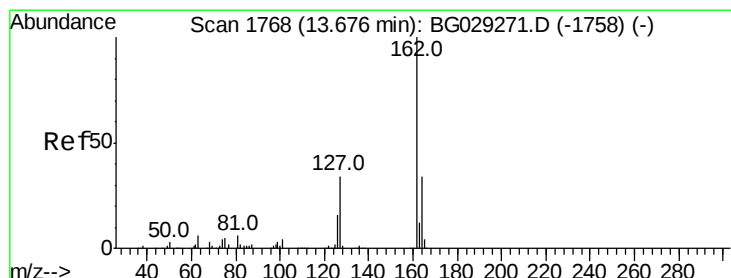
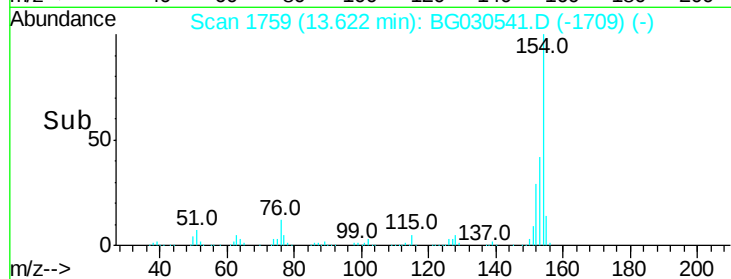
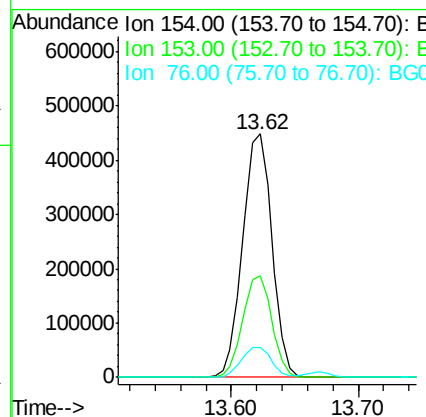
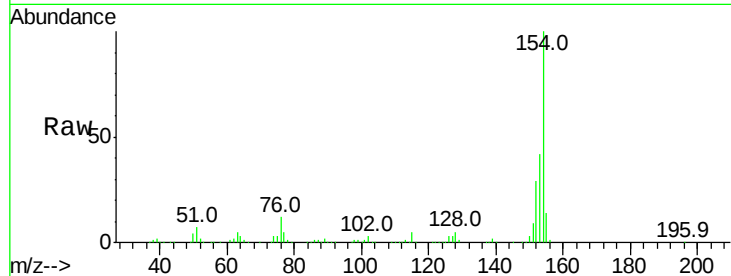




#45
 1,1'-Biphenyl
 Concen: 37.988 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

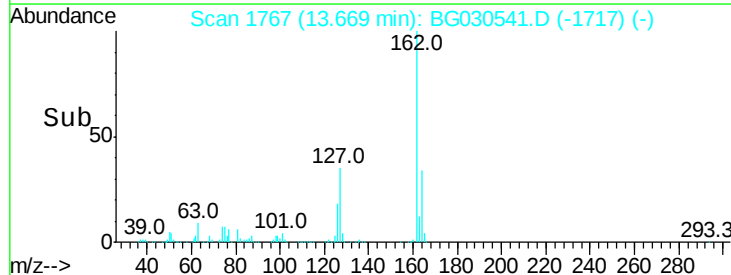
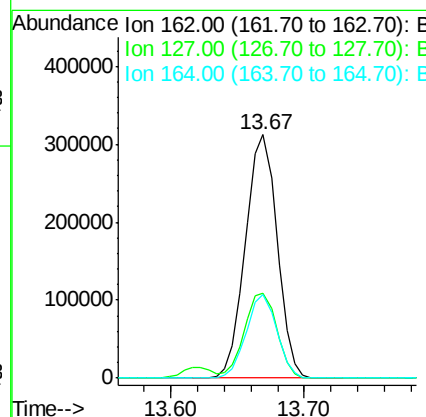
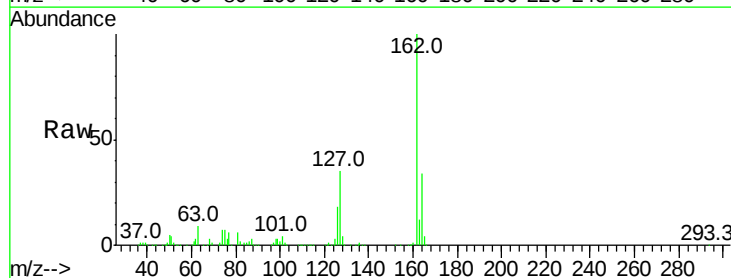
Instrument :
 BNA_G
 ClientSampleId :

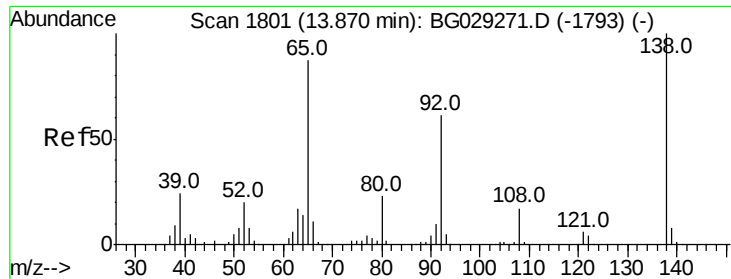
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.6	19.8	59.8
76	12.3	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 37.135 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.7	30.7	46.1
164	34.2	26.0	39.0

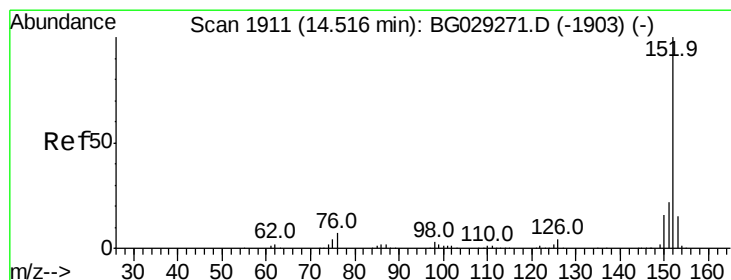
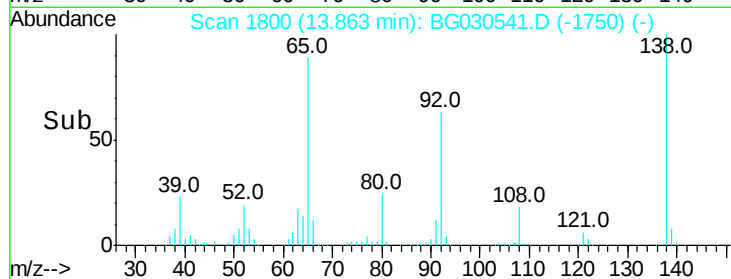
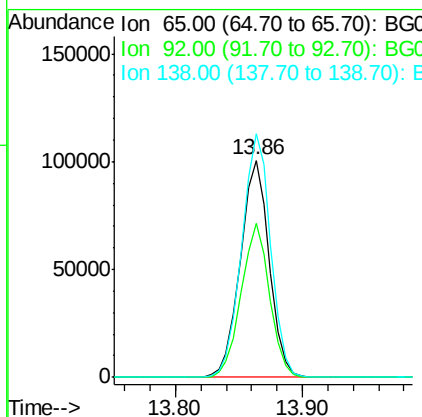
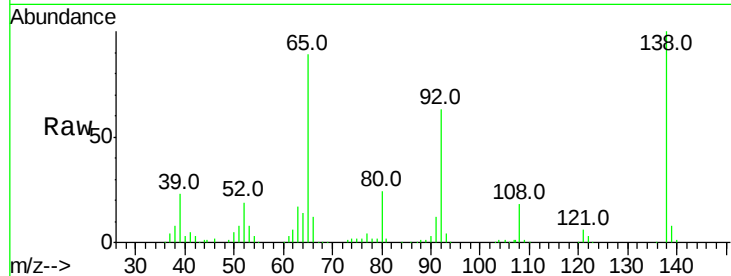




#47
 2-Nitroaniline
 Concen: 41.859 ng
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

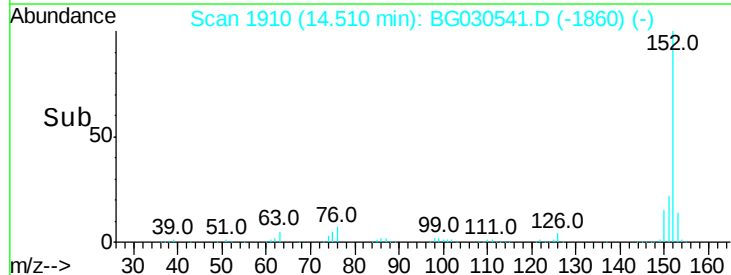
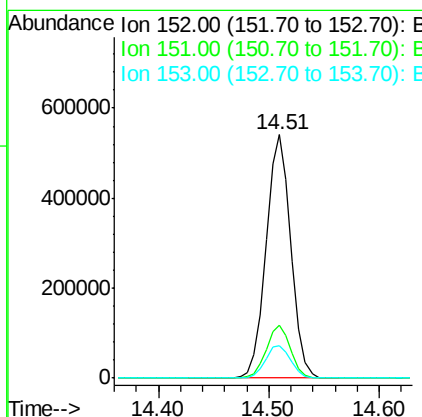
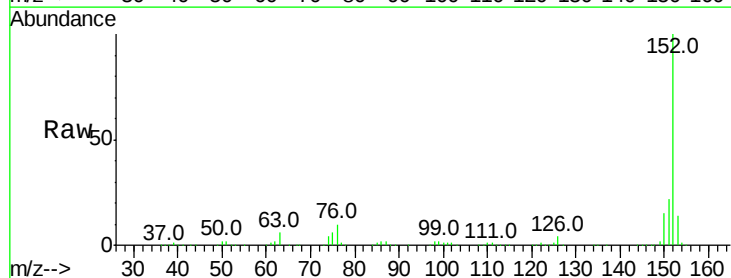
Instrument :
 BNA_G
 ClientSampled :

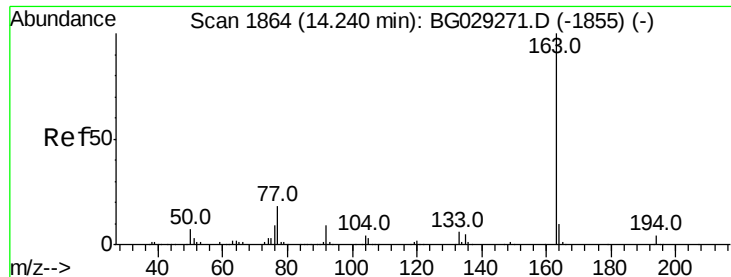
Tot Ion: 65 Resp: 158193
 Ion Ratio Lower Upper
 65 100
 92 70.7 54.6 82.0
 138 112.0 72.9 109.3#



#48
 Acenaphthylene
 Concen: 39.286 ng
 RT: 14.51 min Scan# 1910
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion: 152 Resp: 845947
 Ion Ratio Lower Upper
 152 100
 151 21.9 17.2 25.8
 153 13.6 10.2 15.4





#49

Dimethylphthalate

Concen: 40.761 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

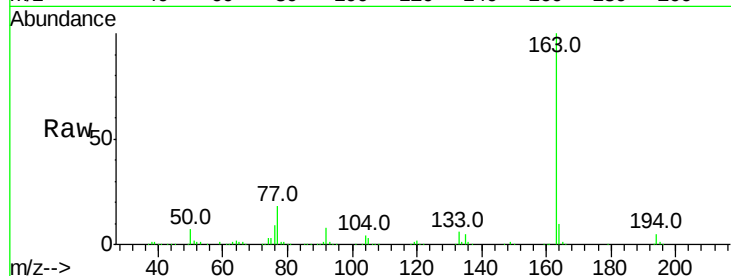
Tot Ion:163 Resp: 697924

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

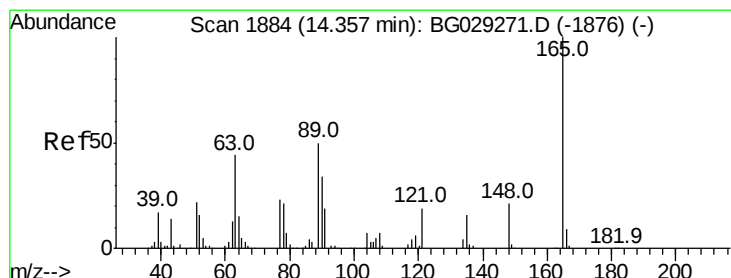
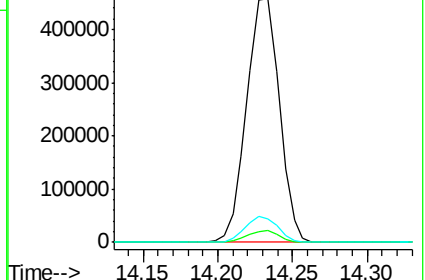
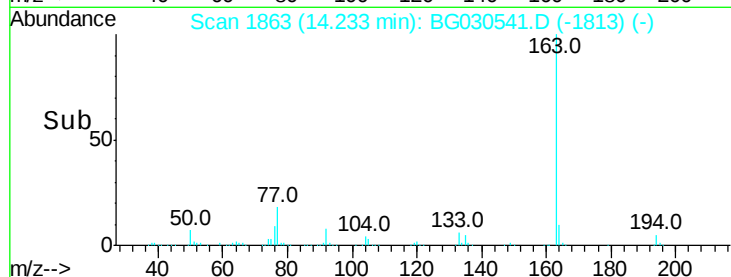
164 9.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.056 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

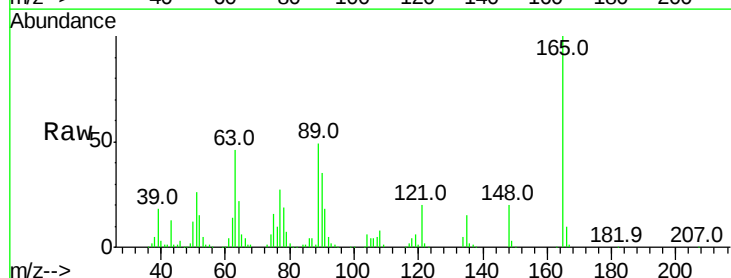
Tgt Ion:165 Resp: 150957

Ion Ratio Lower Upper

165 100

63 46.1 52.7 79.1#

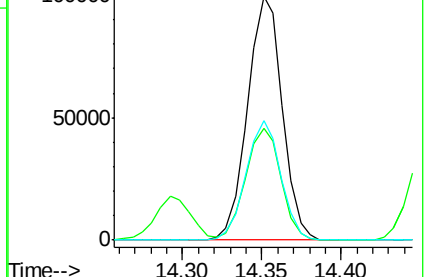
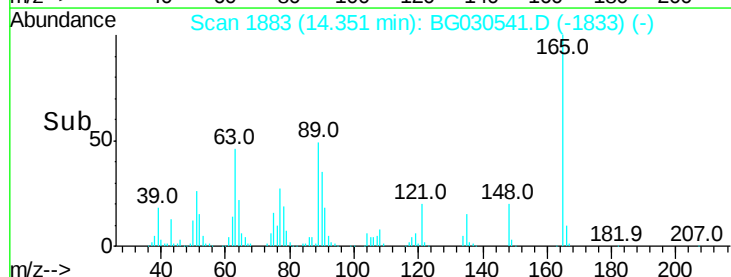
89 48.8 49.2 73.8#

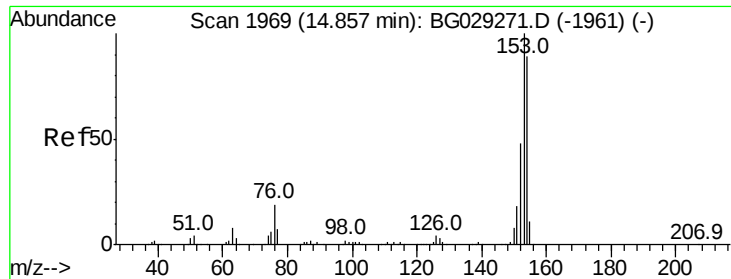


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.641 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

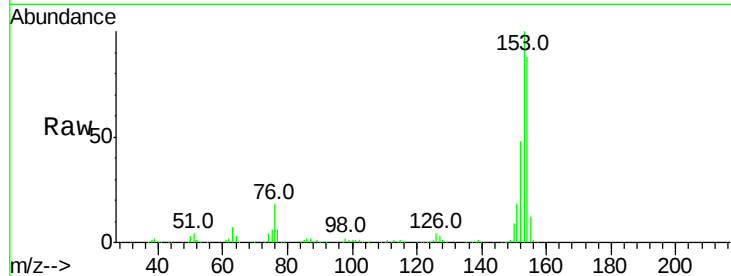
Tot Ion:154 Resp: 527368

Ion Ratio Lower Upper

154 100

153 113.1 90.4 135.6

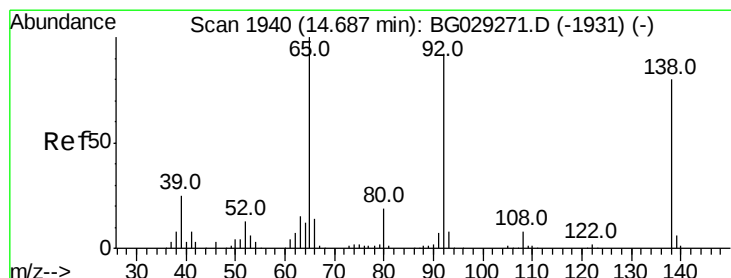
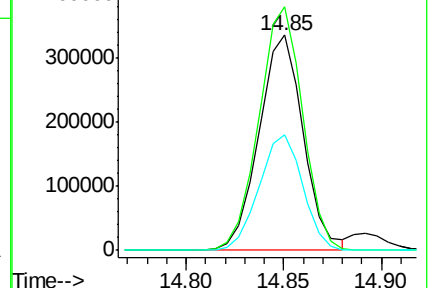
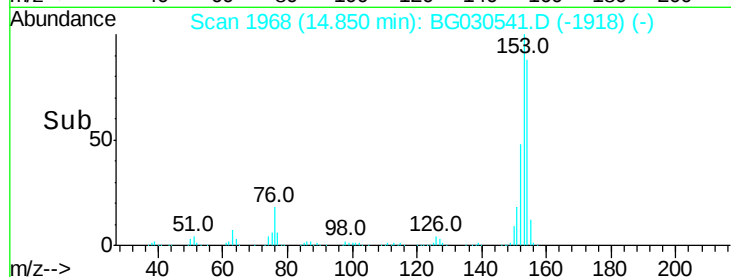
152 54.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.360 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

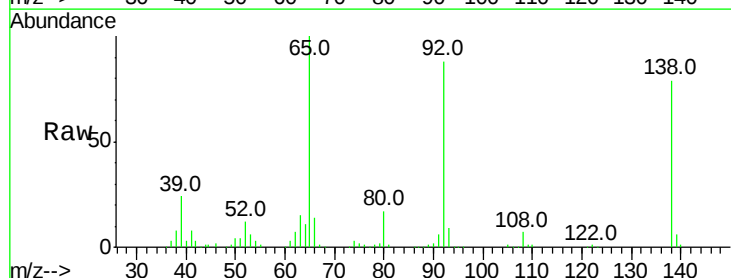
Tgt Ion:138 Resp: 164069

Ion Ratio Lower Upper

138 100

108 9.3 17.5 26.3#

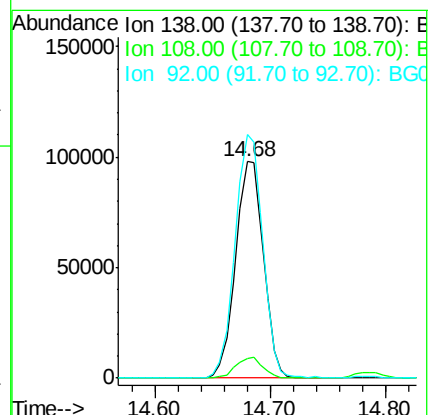
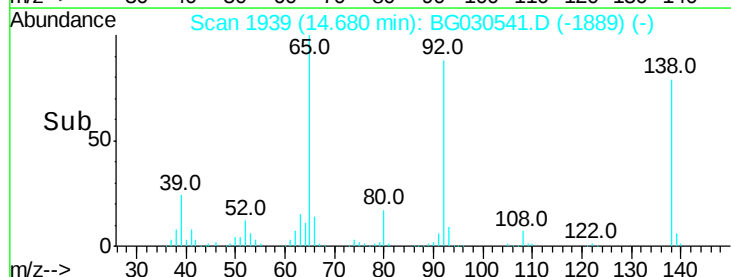
92 112.5 105.8 158.8

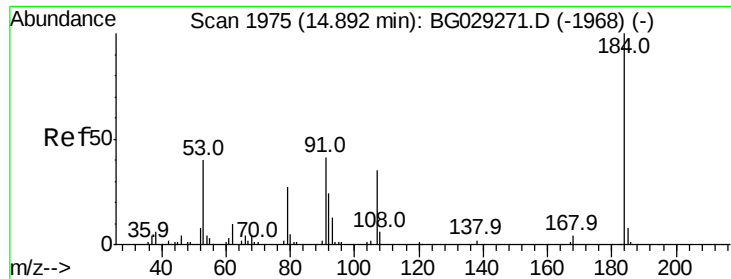


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

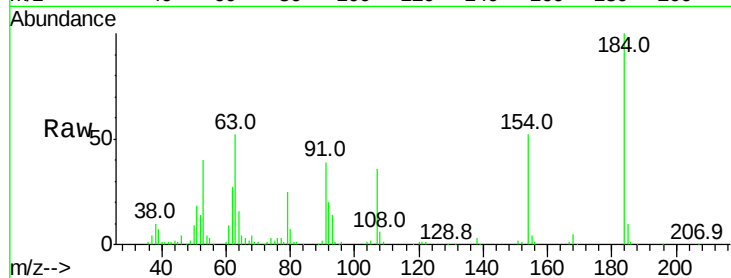




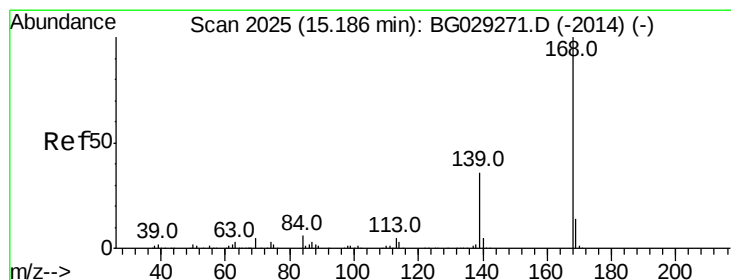
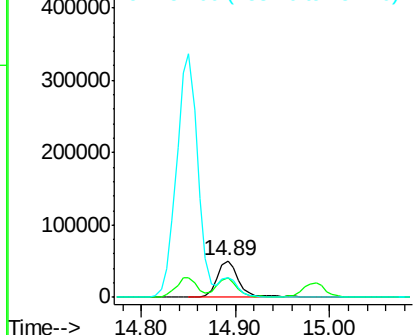
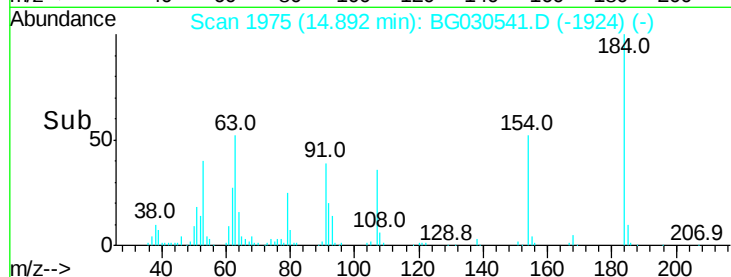
#53
2,4-Dinitrophenol
Concen: 46.040 ng
RT: 14.89 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 84935
Ion Ratio Lower Upper
184 100
63 52.1 59.8 89.8#
154 52.3 101.8 152.8#

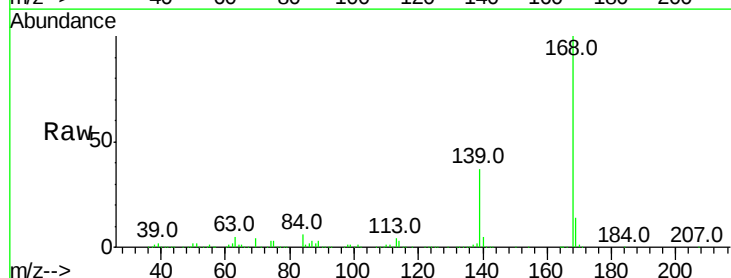


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

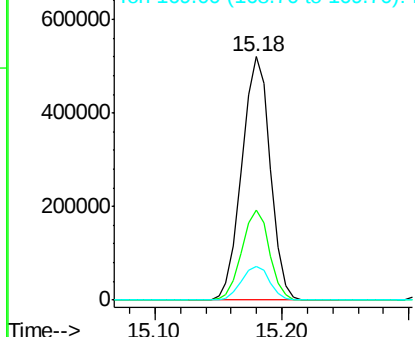
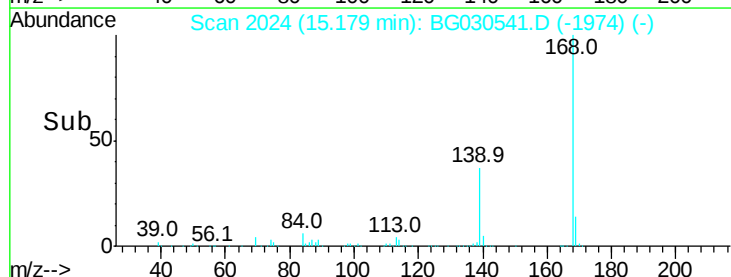


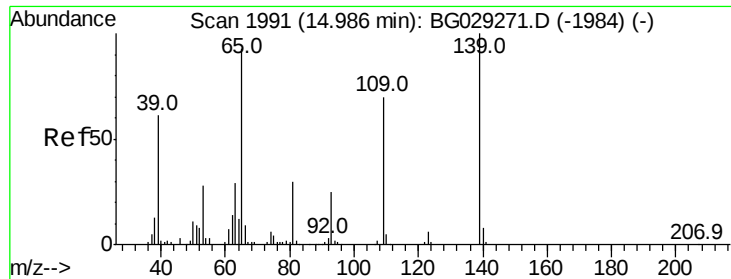
#54
Dibenzofuran
Concen: 40.333 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:168 Resp: 806687
Ion Ratio Lower Upper
168 100
139 37.2 28.6 43.0
169 13.8 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

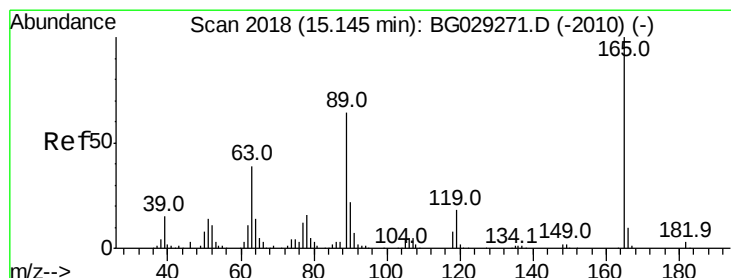
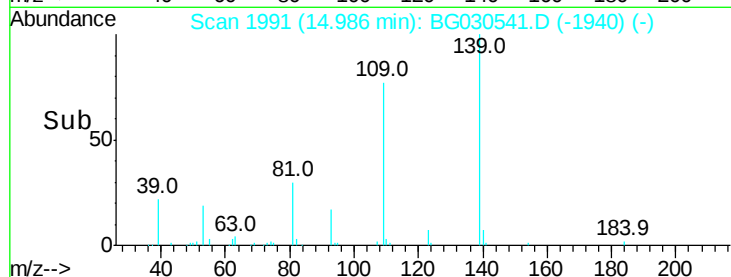
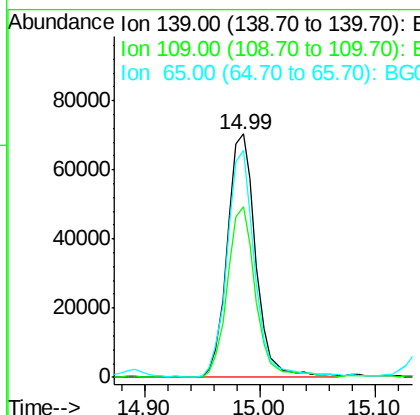
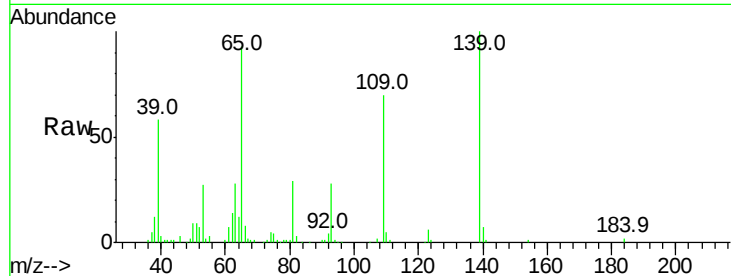




#55
4-Nitrophenol
Concen: 37.634 ng
RT: 14.99 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

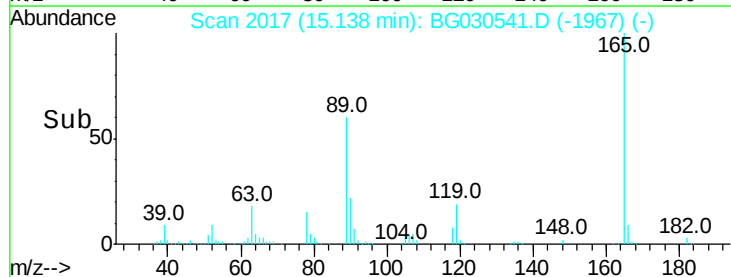
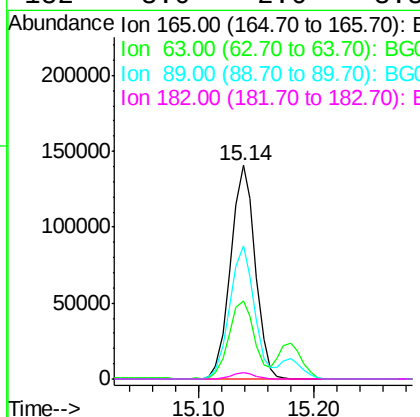
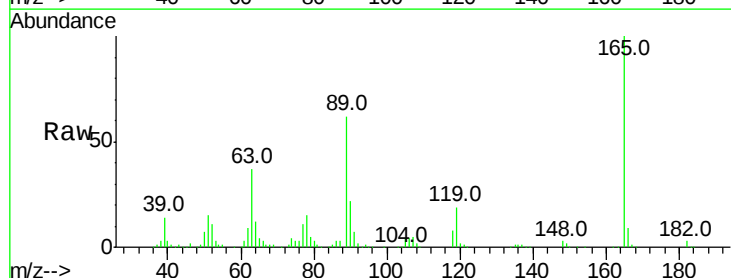
Instrument :
BNA_G
ClientSampleId :

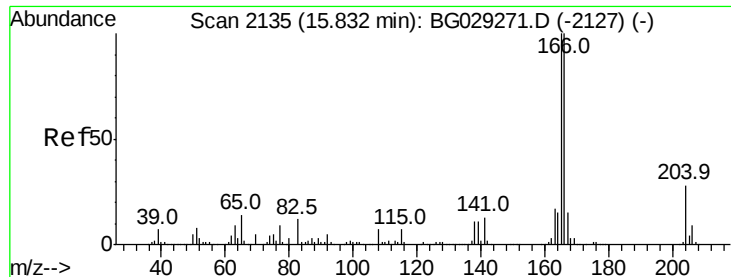
Tot Ion:139 Resp: 120171
Ion Ratio Lower Upper
139 100
109 70.2 62.2 102.2
65 93.2 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 42.567 ng
RT: 15.14 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:165 Resp: 206833
Ion Ratio Lower Upper
165 100
63 36.7 42.0 63.0#
89 62.0 66.9 100.3#
182 3.0 2.6 3.8

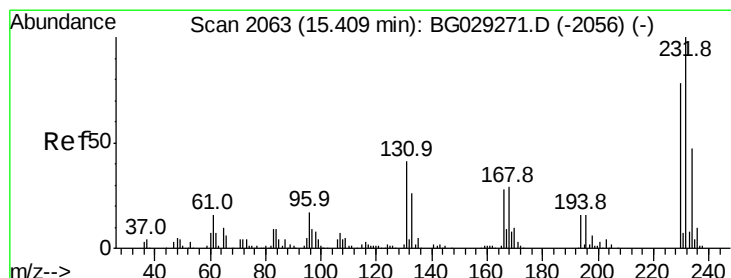
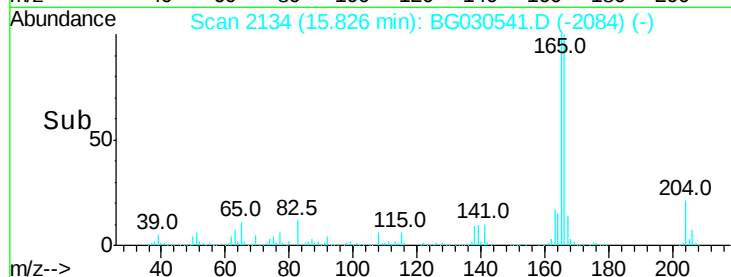
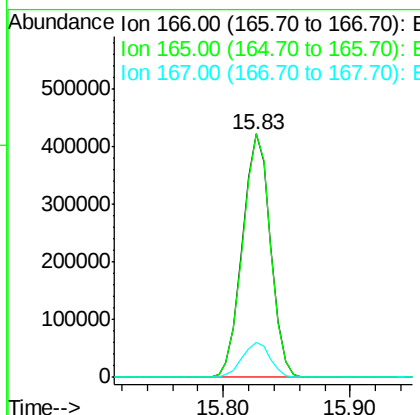
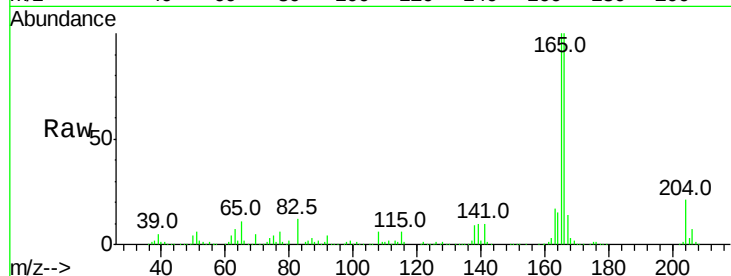




#57
Fluorene
 Concen: 38.985 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

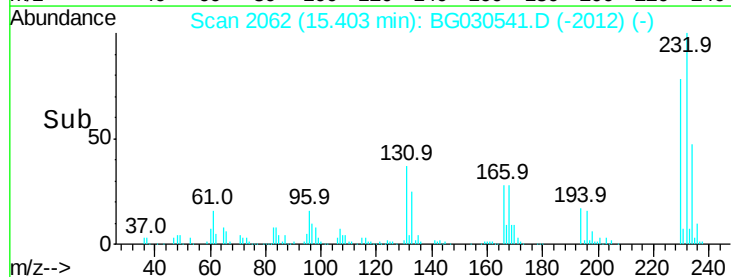
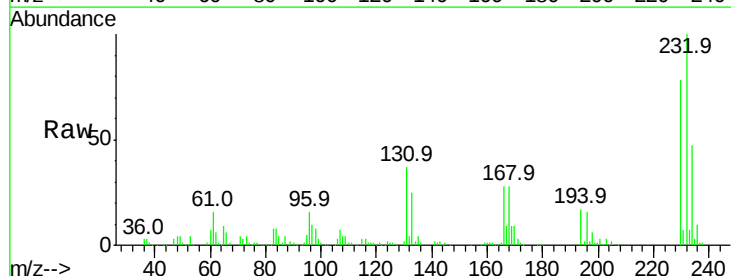
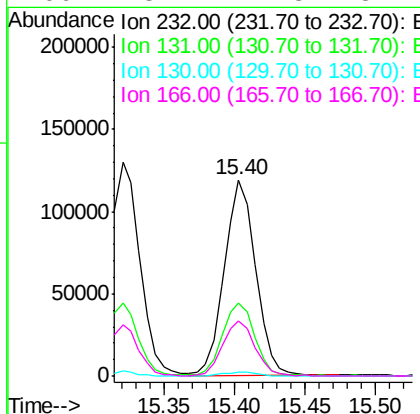
Instrument :
 BNA_G
 ClientSampled :

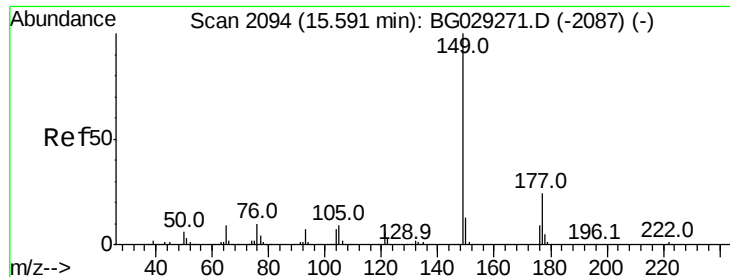
Tot Ion:166 Resp: 644134
 Ion Ratio Lower Upper
 166 100
 165 100.1 80.6 121.0
 167 14.4 10.4 15.6



#58
2,3,4,6-Tetrachlorophenol
 Concen: 42.566 ng
 RT: 15.40 min Scan# 2062
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion:232 Resp: 183440
 Ion Ratio Lower Upper
 232 100
 131 38.7 33.5 50.3
 130 2.1 2.2 3.2#
 166 28.7 24.8 37.2

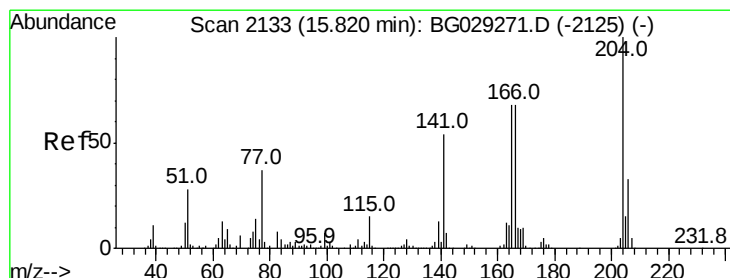
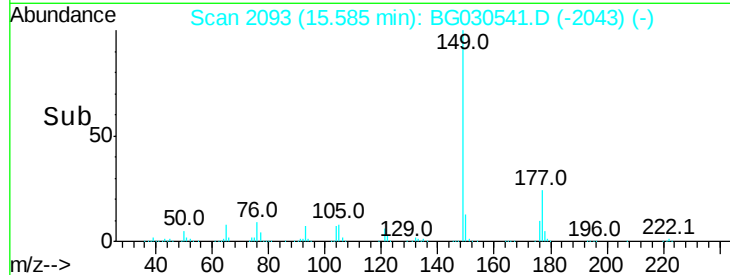
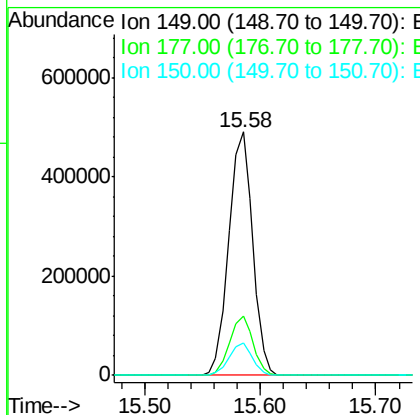
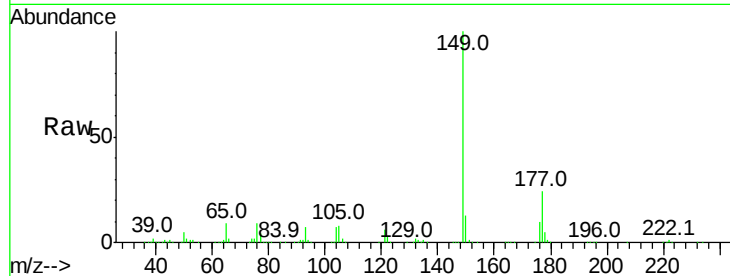




#59
Diethylphthalate
Concen: 41.075 ng
RT: 15.58 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

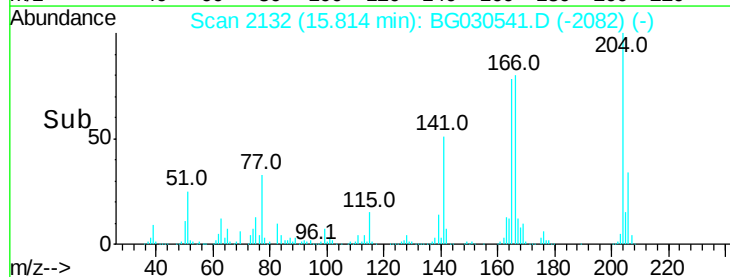
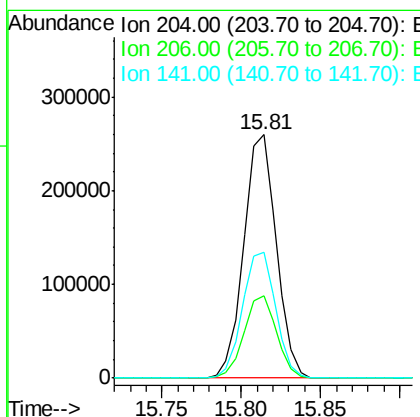
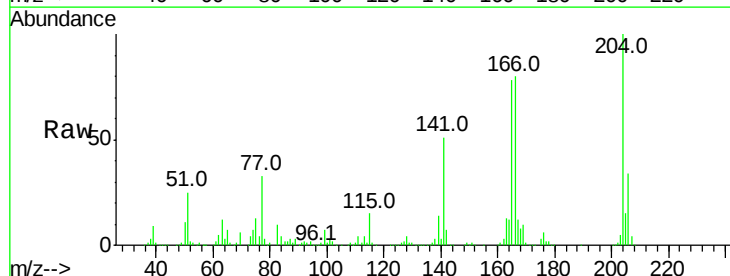
Instrument :
BNA_G
ClientSampleId :

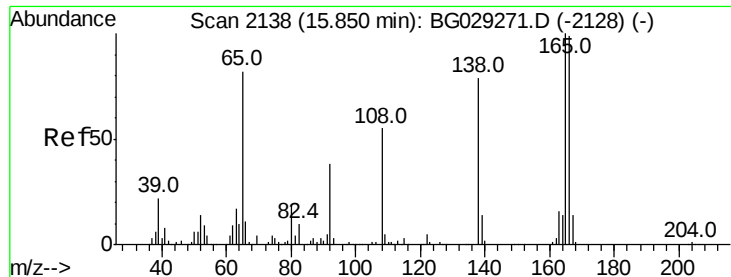
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.5	27.7
150	13.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 42.019 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.2
141	51.5	45.8	68.6

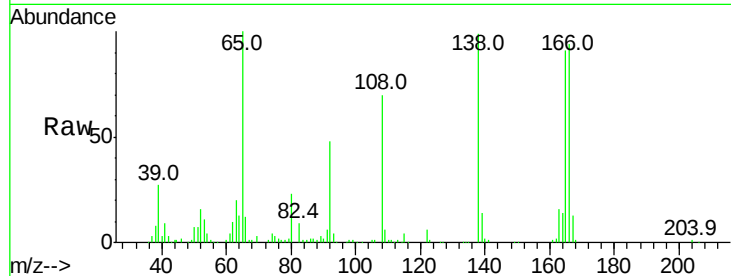




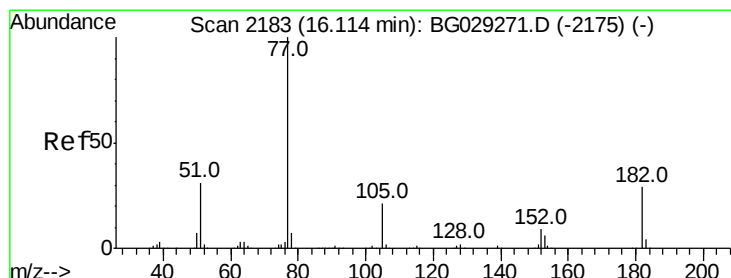
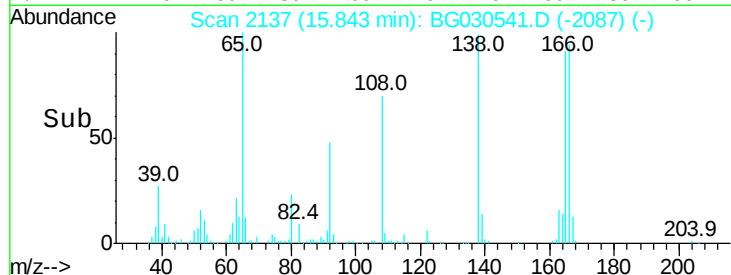
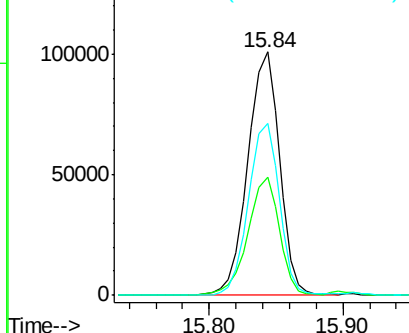
#61
4-Nitroaniline
Concen: 41.746 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 166029
Ion Ratio Lower Upper
138 100
92 48.4 40.1 80.1
108 70.6 65.4 105.4

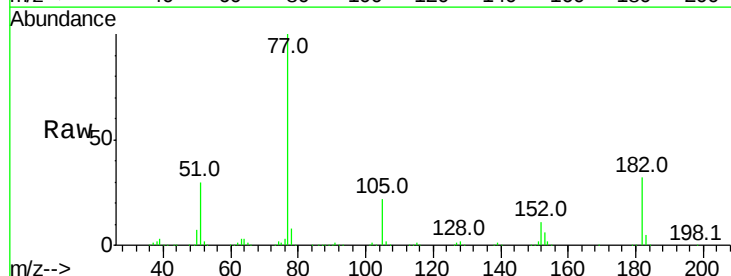


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

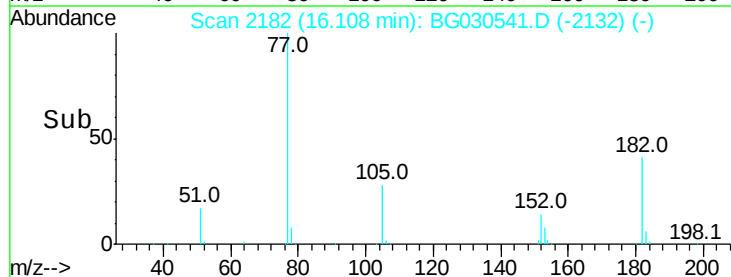
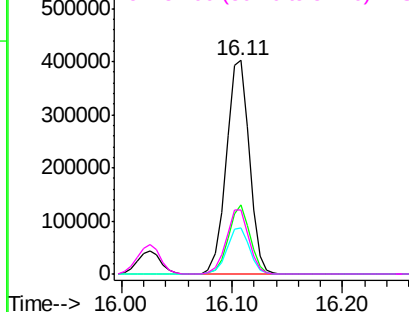


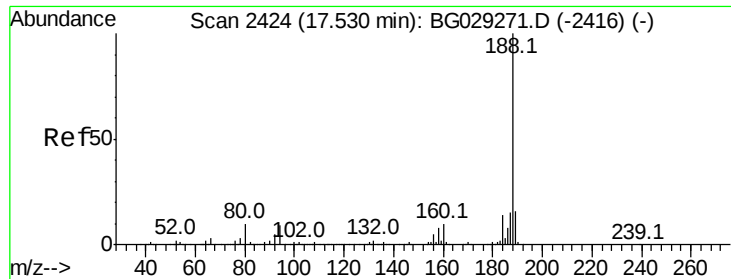
#62
Azobenzene
Concen: 40.717 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion: 77 Resp: 585909
Ion Ratio Lower Upper
77 100
182 32.2 7.4 47.4
105 21.7 0.3 40.3
51 29.8 11.6 51.6



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

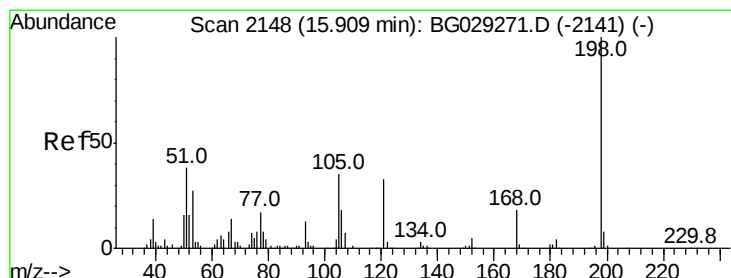
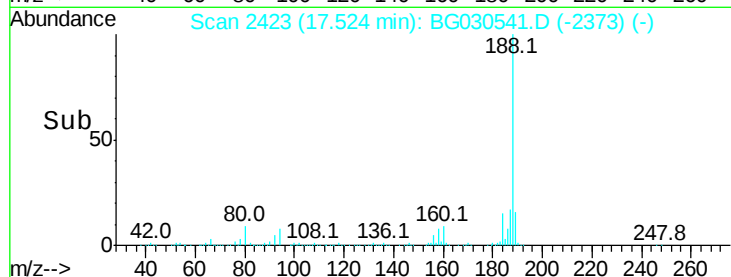
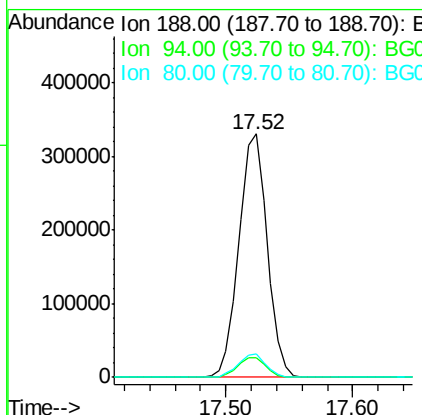
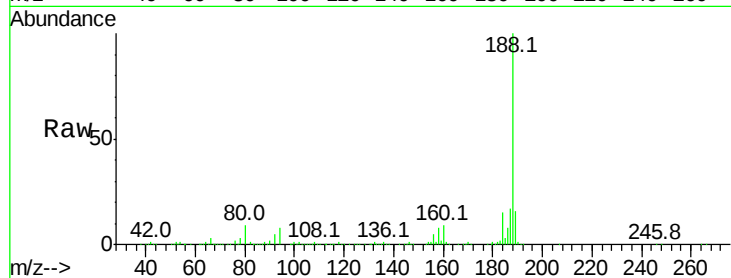




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

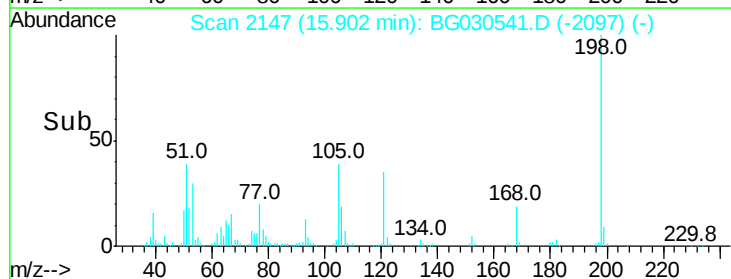
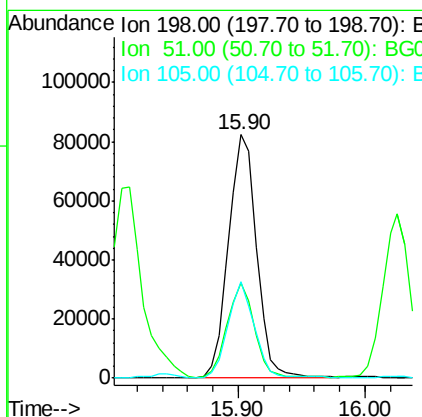
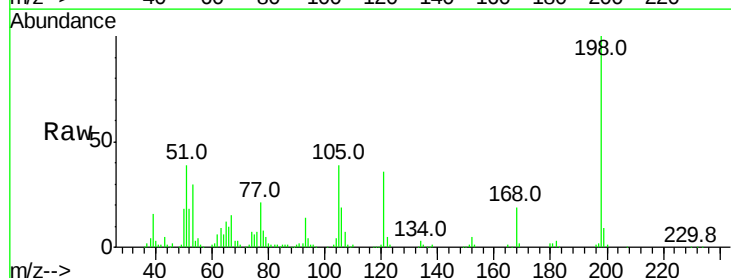
Instrument :
 BNA_G
 ClientSampleId :

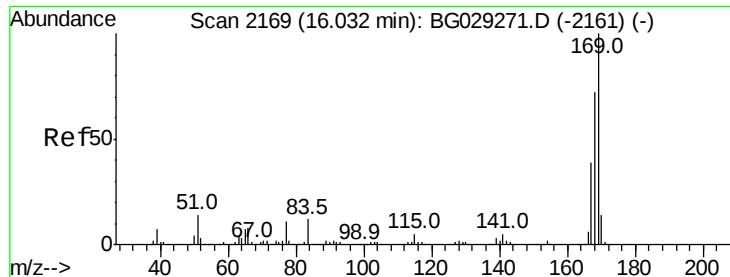
Tot Ion:188 Resp: 509175
 Ion Ratio Lower Upper
 188 100
 94 7.8 6.9 10.3
 80 9.4 7.7 11.5



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.160 ng
 RT: 15.90 min Scan# 2147
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion:198 Resp: 126573
 Ion Ratio Lower Upper
 198 100
 51 39.3 30.6 70.6
 105 39.4 23.8 63.8

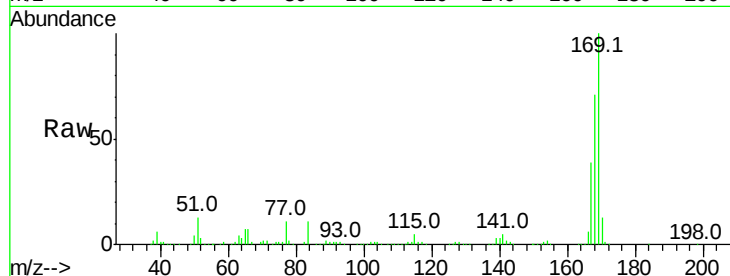




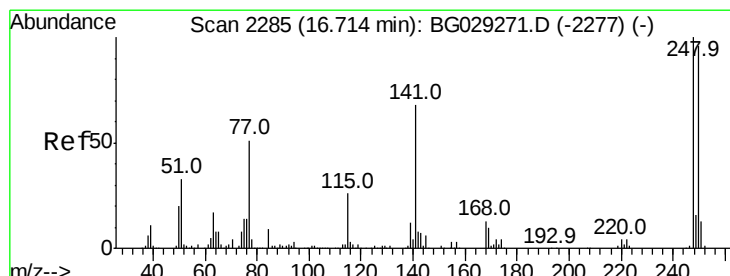
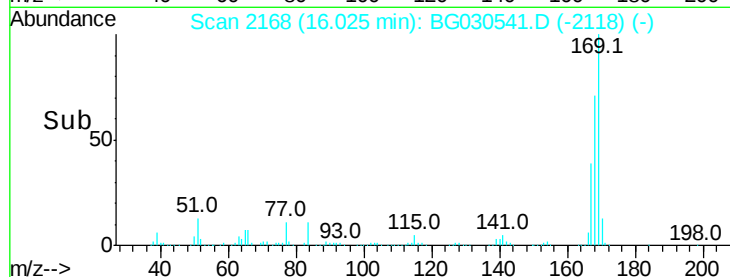
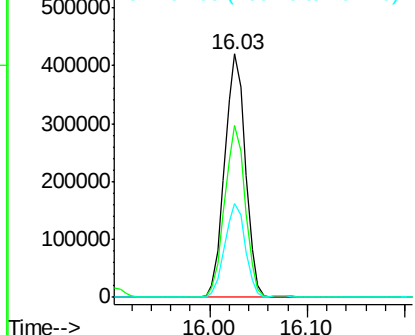
#65
n-Nitrosodiphenylamine
Concen: 40.535 ng
RT: 16.03 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:169 Resp: 618265
Ion Ratio Lower Upper
169 100
168 70.8 55.7 83.5
167 38.6 30.1 45.1

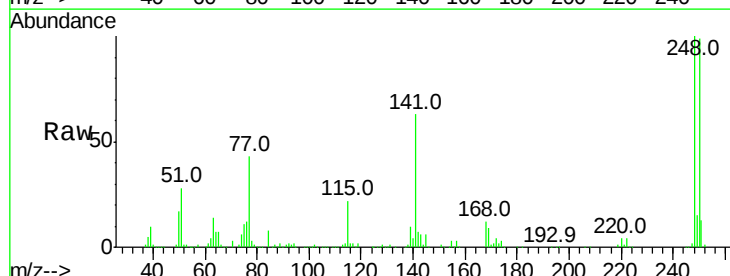


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

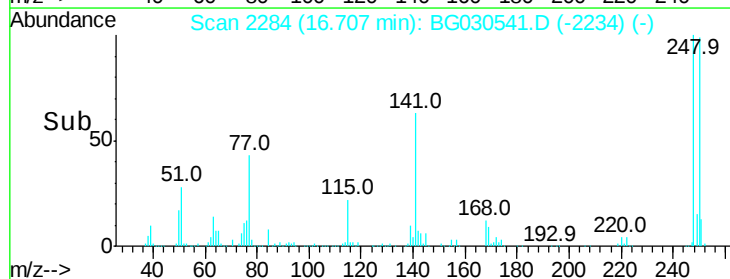
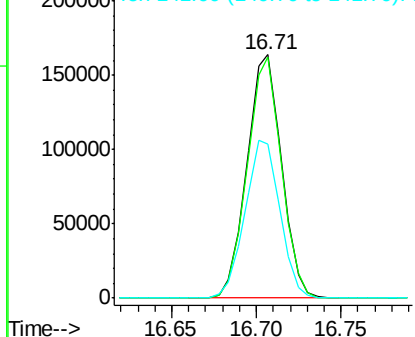


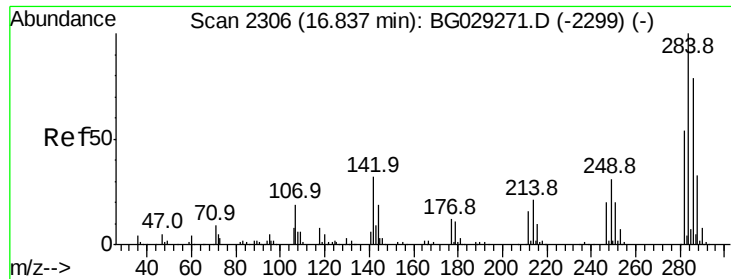
#66
4-Bromophenyl-phenylether
Concen: 39.931 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:248 Resp: 233305
Ion Ratio Lower Upper
248 100
250 98.8 77.1 115.7
141 63.3 50.8 76.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

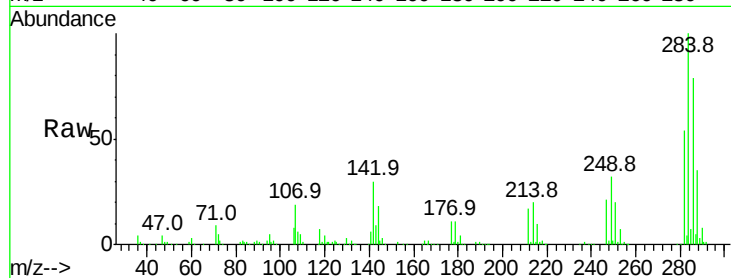




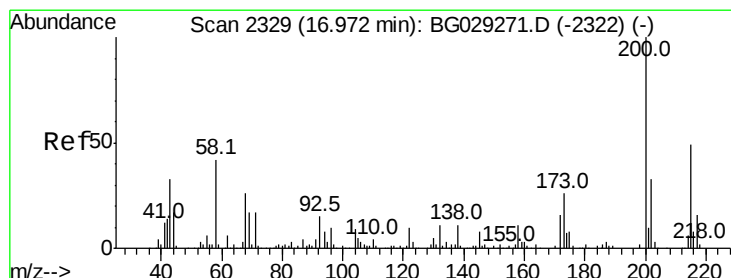
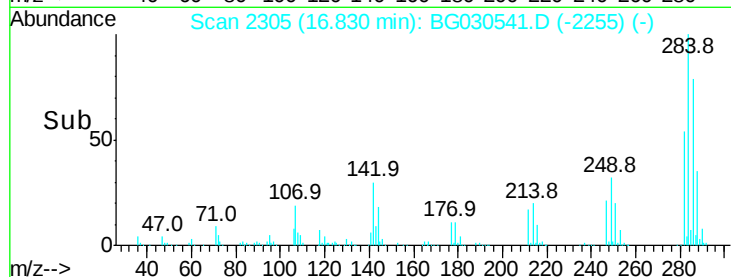
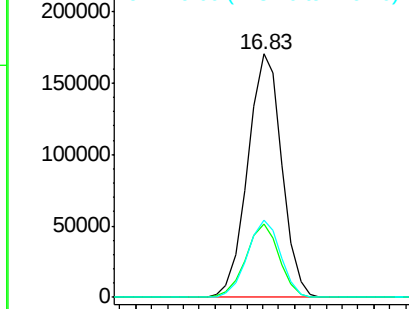
#67
Hexachlorobenzene
Concen: 38.359 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	30.0	26.8	40.2
249	31.7	26.3	39.5

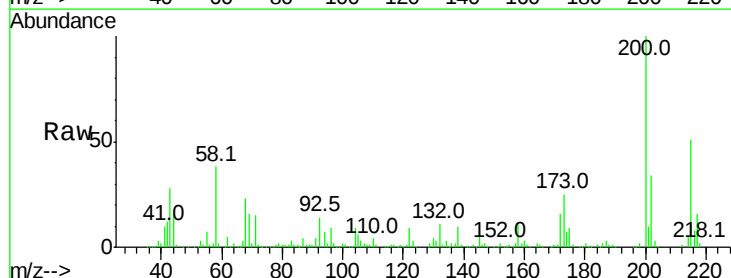


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

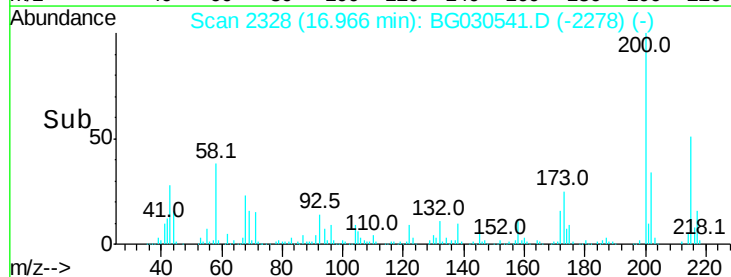
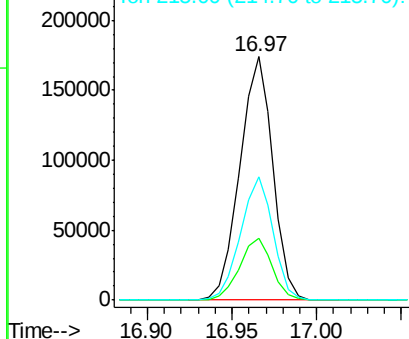


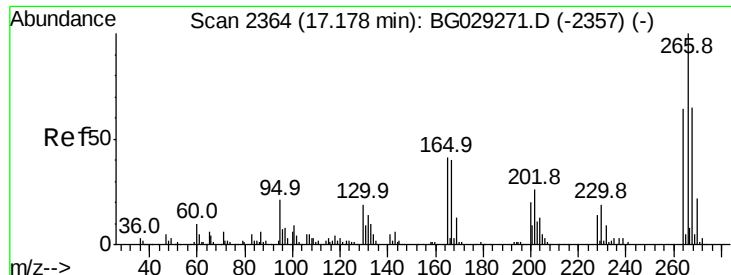
#68
Atrazine
Concen: 43.237 ng
RT: 16.97 min Scan# 2328
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.2	5.2	45.2
215	50.9	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: 43.449 ng

RT: 17.17 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampled :

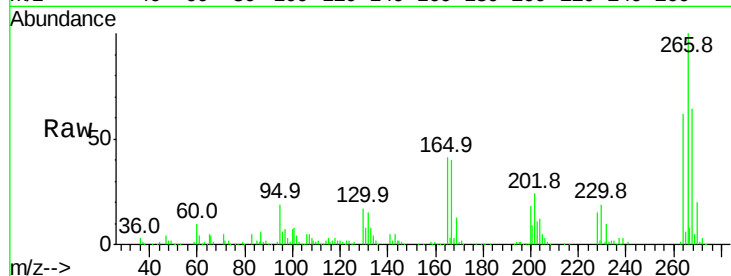
Tot Ion:266 Resp: 165185

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

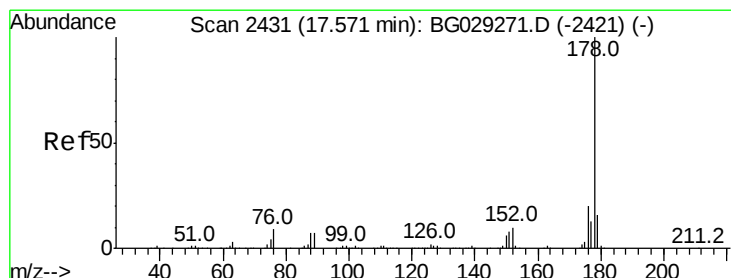
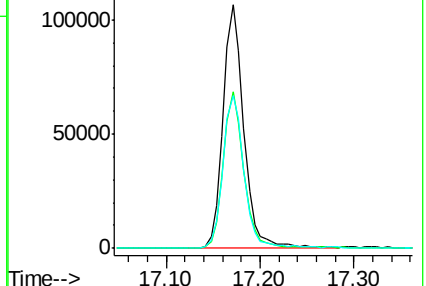
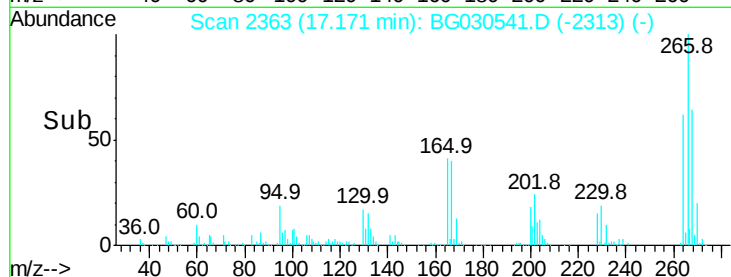
264 62.5 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.219 ng

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

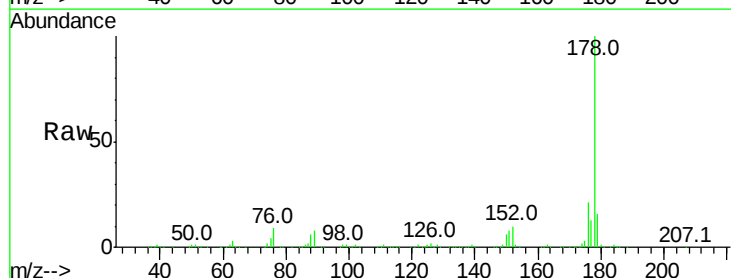
Tgt Ion:178 Resp: 1031630

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

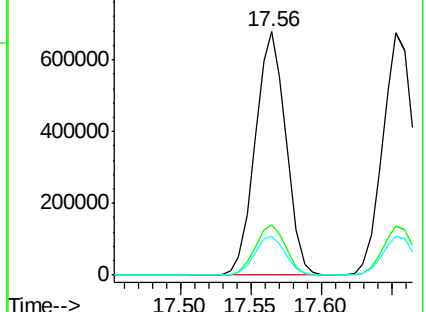
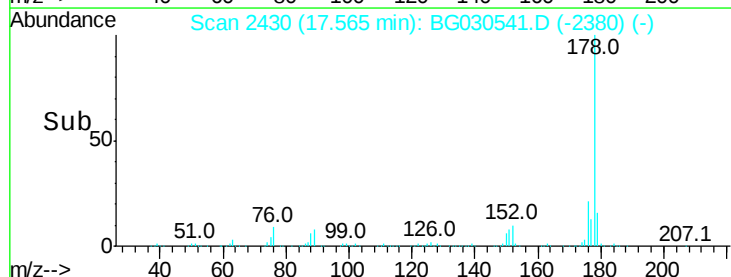
179 16.1 12.5 18.7

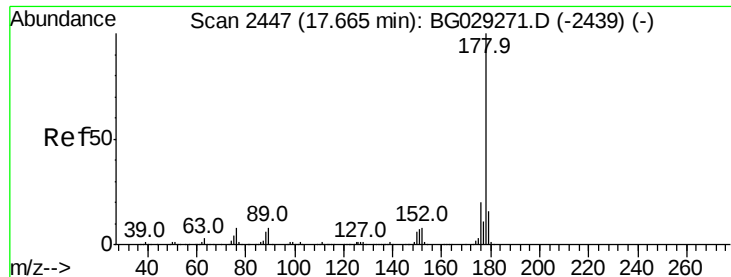


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 39.052 ng

RT: 17.65 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

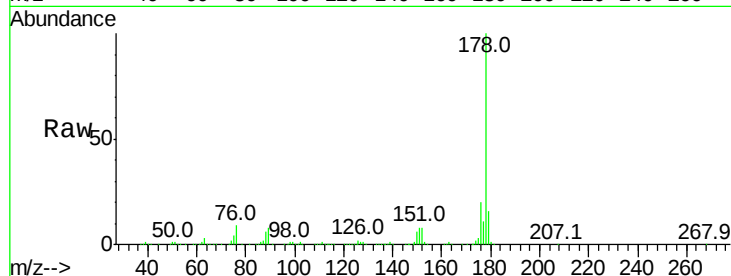
Tot Ion:178 Resp: 1031473

Ion Ratio Lower Upper

178 100

176 20.1 16.0 24.0

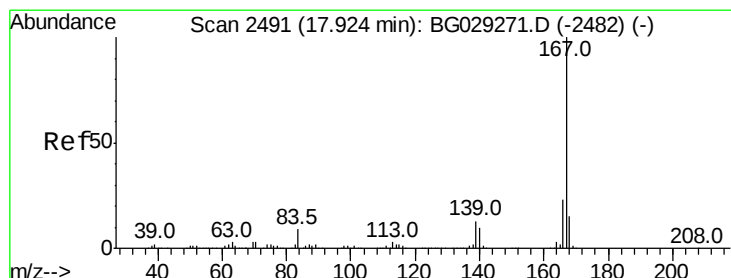
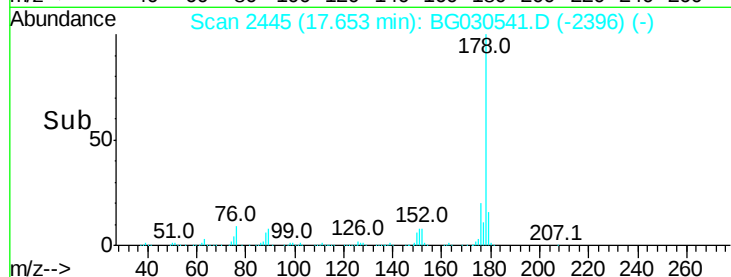
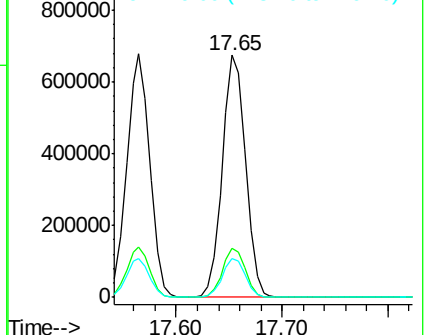
179 16.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.018 ng

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

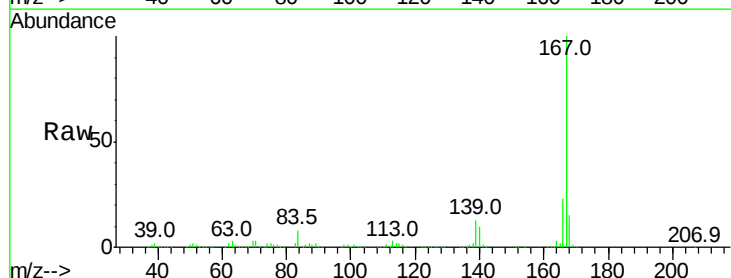
Tgt Ion:167 Resp: 964602

Ion Ratio Lower Upper

167 100

166 22.9 18.2 27.4

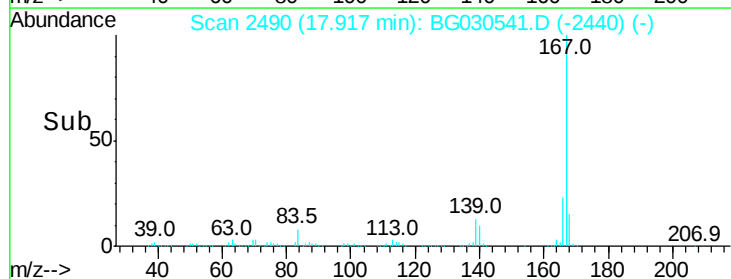
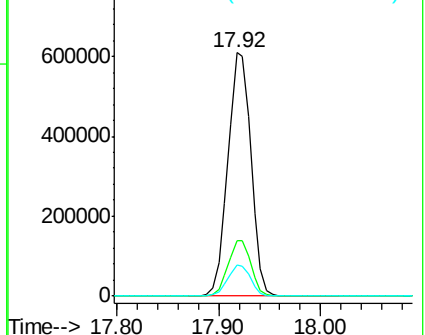
139 13.0 9.4 14.2

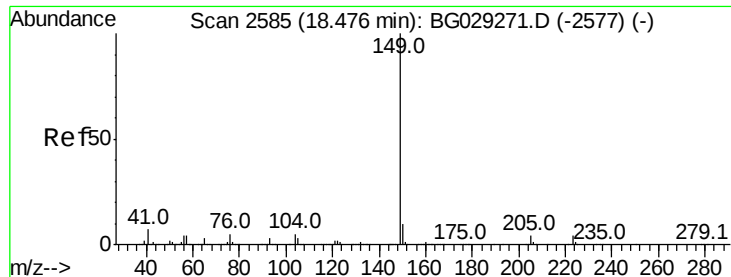


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

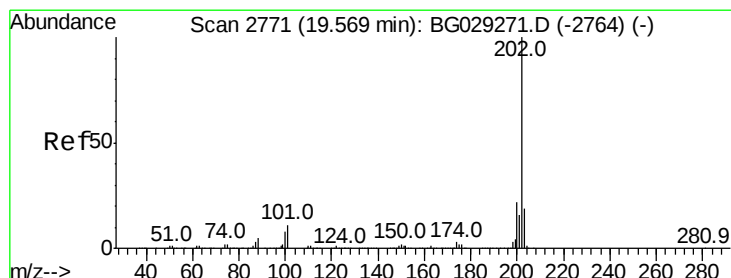
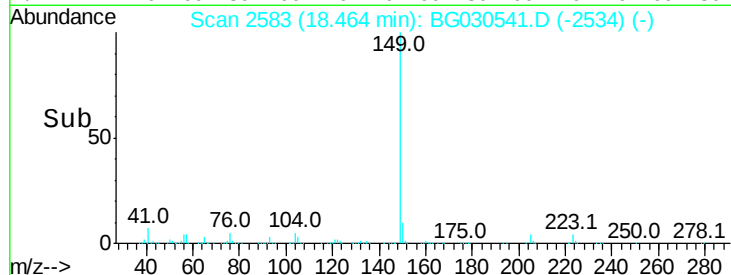
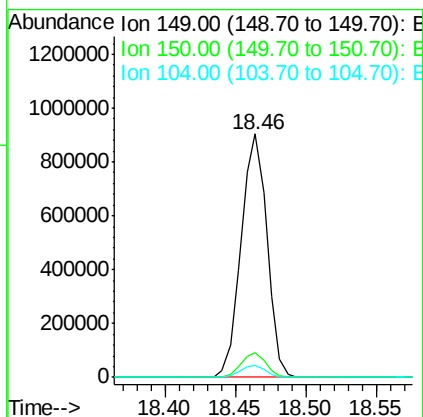
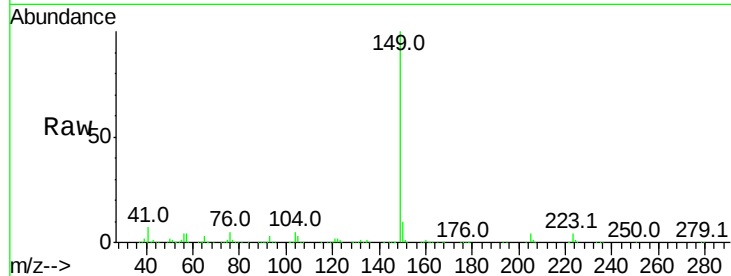




#73
Di-n-butylphthalate
Concen: 39.576 ng
RT: 18.46 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

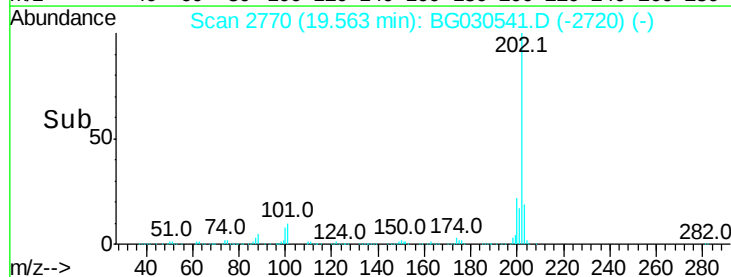
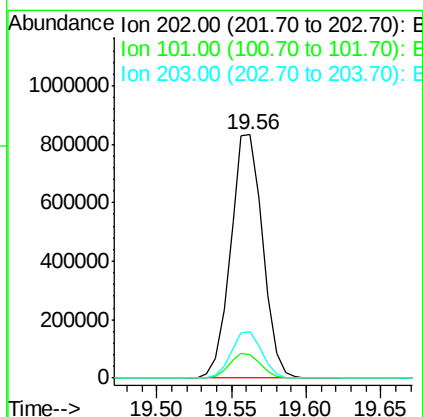
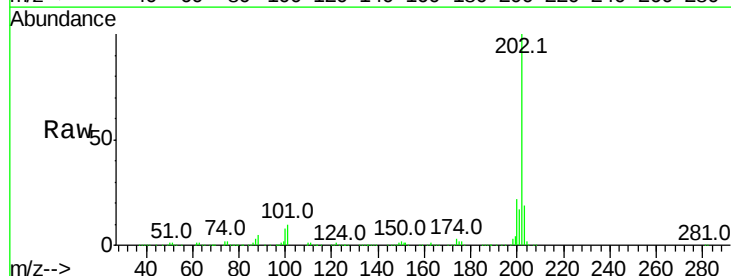
Instrument :
BNA_G
ClientSampleId :

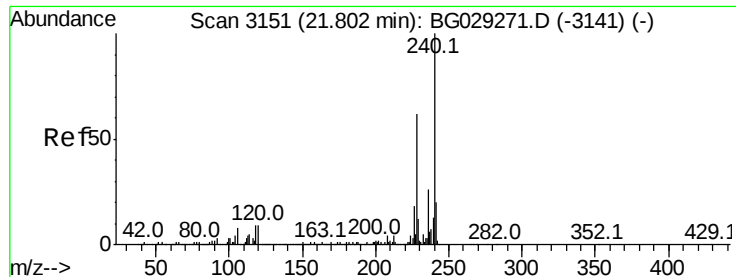
Tot Ion:149 Resp: 1154889
Ion Ratio Lower Upper
149 100
150 10.0 7.8 11.6
104 5.0 3.9 5.9



#74
Fluoranthene
Concen: 40.436 ng
RT: 19.56 min Scan# 2770
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:202 Resp: 1244063
Ion Ratio Lower Upper
202 100
101 9.8 0.0 28.9
203 19.0 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: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

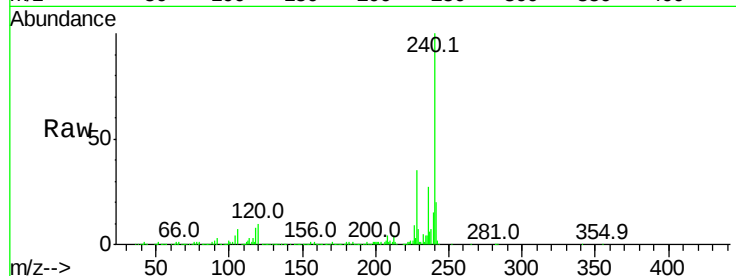
Tot Ion:240 Resp: 550905

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

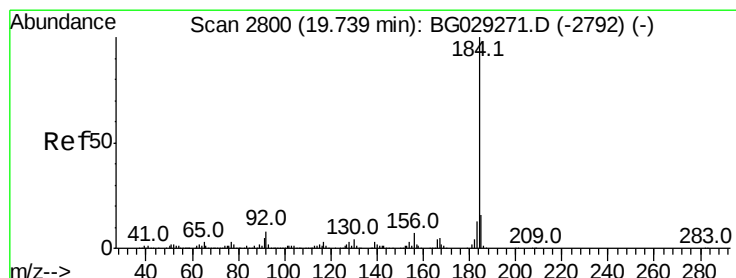
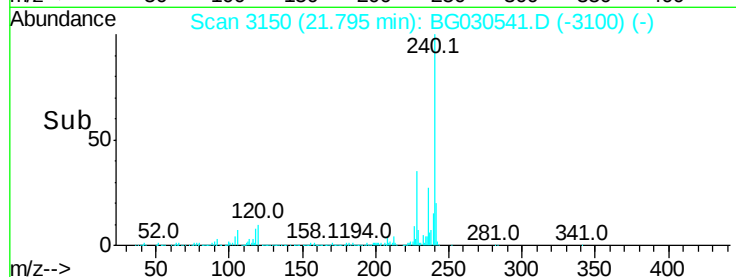
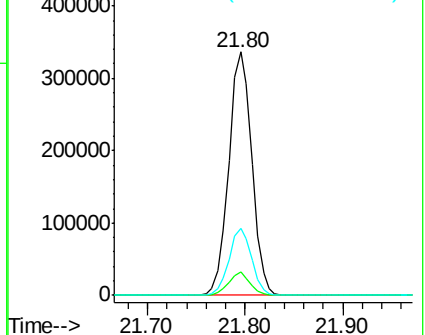
236 27.3 20.9 31.3



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: 41.581 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

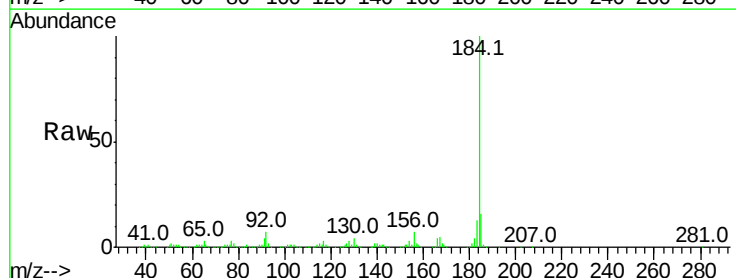
Tgt Ion:184 Resp: 691656

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

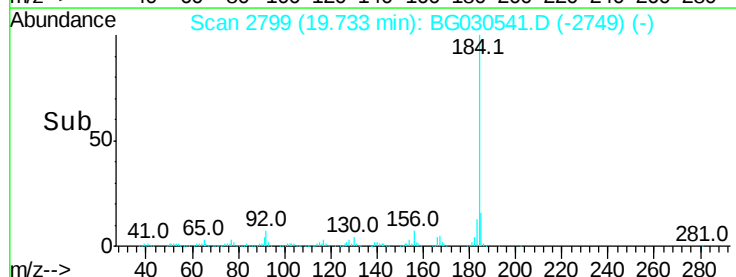
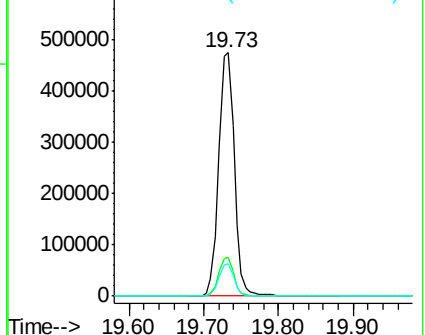
183 13.5 10.6 16.0

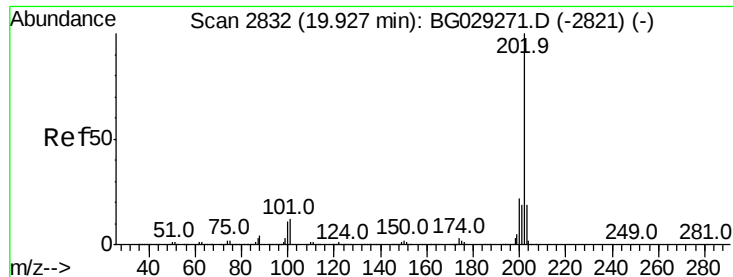


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 37.828 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

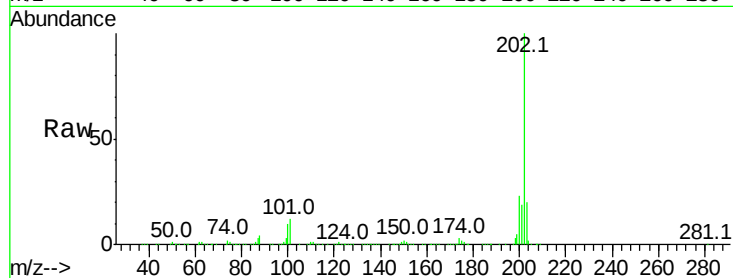
Tot Ion:202 Resp: 1264175

Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	19.7	13.9	20.9

202 100

200 23.0 16.9 25.3

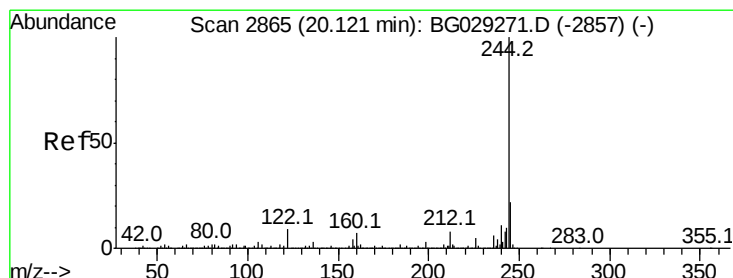
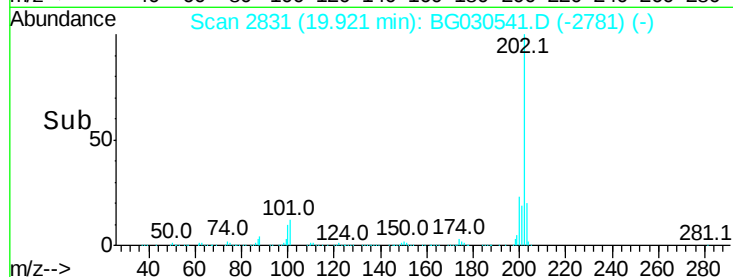
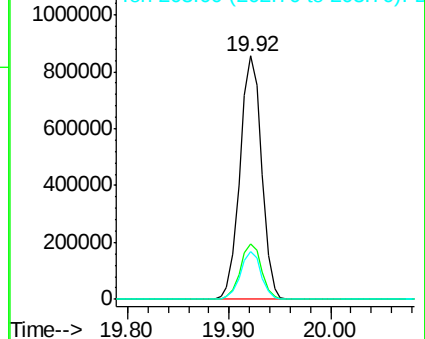
203 19.7 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.070 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

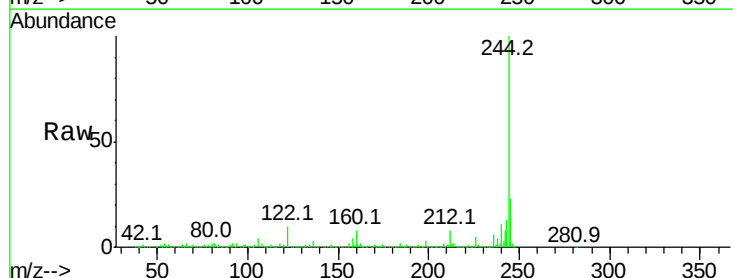
Tgt Ion:244 Resp: 1793697

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	10.0	7.0	10.4

244 100

212 8.2 5.8 8.8

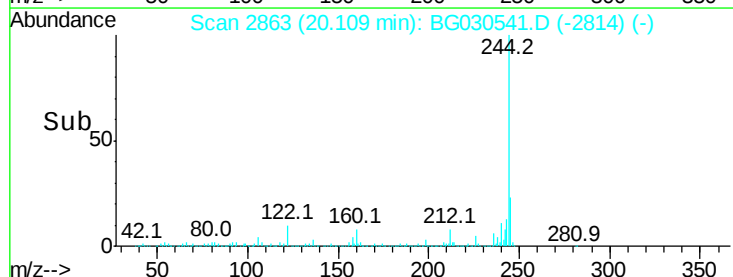
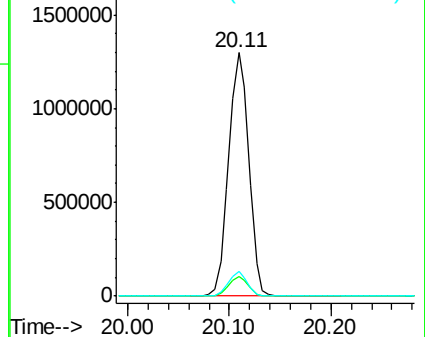
122 10.0 7.0 10.4

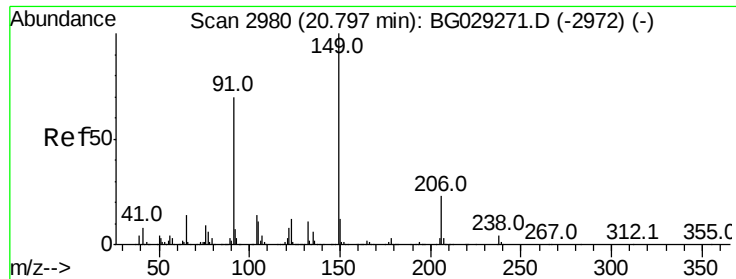


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

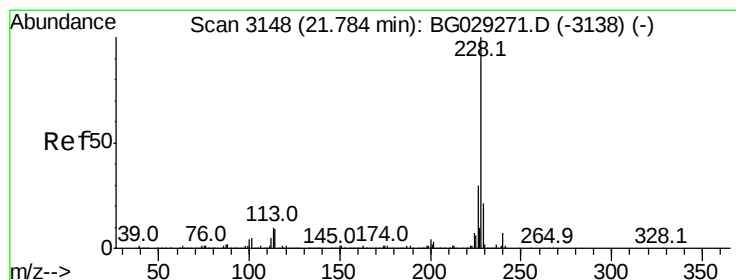
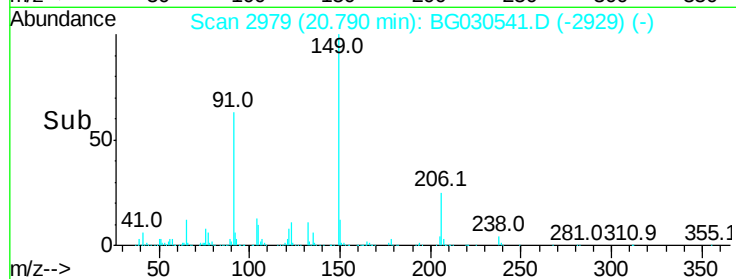
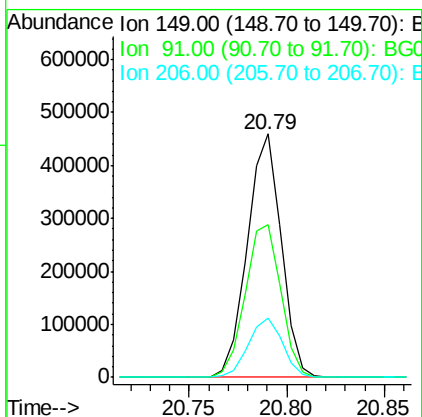
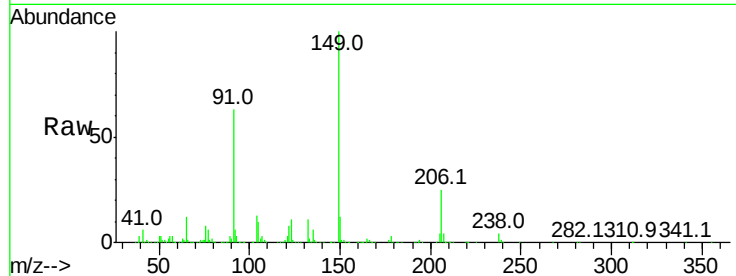




#79
Butylbenzylphthalate
Concen: 38.788 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

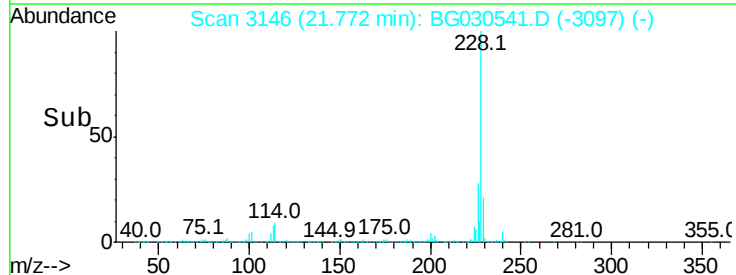
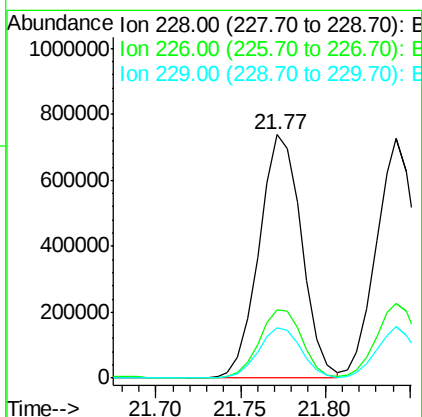
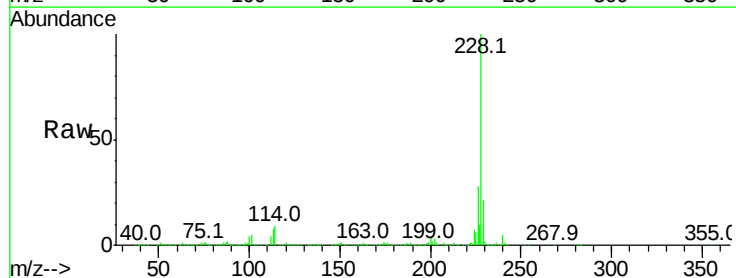
Instrument :
BNA_G
ClientSampleId :

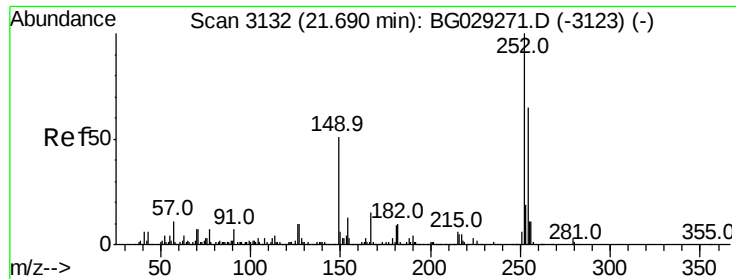
Tot Ion	Ratio	Lower	Upper
149	100		
91	62.8	62.2	93.2
206	24.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 39.915 ng
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.7	34.1
229	20.7	16.2	24.2

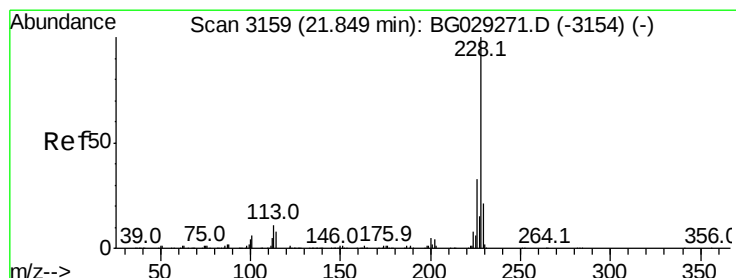
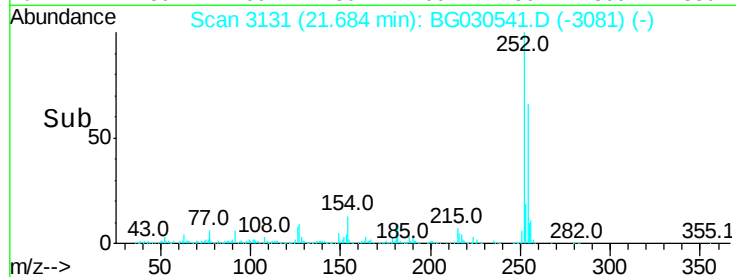
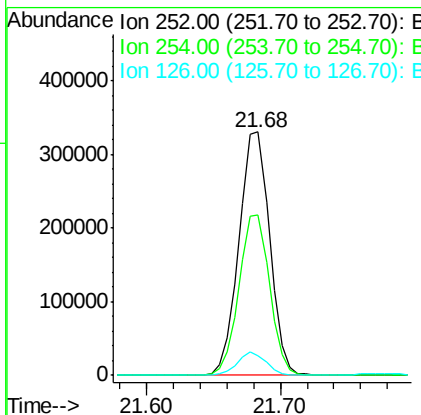
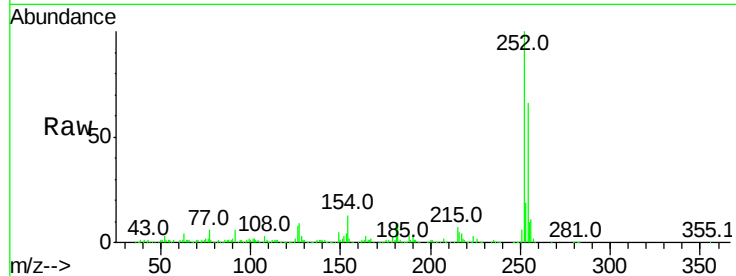




#81
 3,3'-Dichlorobenzidine
 Concen: 39.578 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

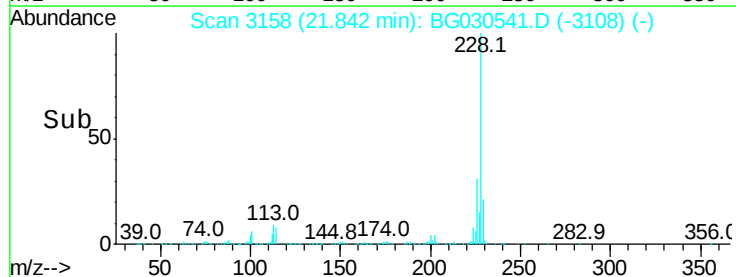
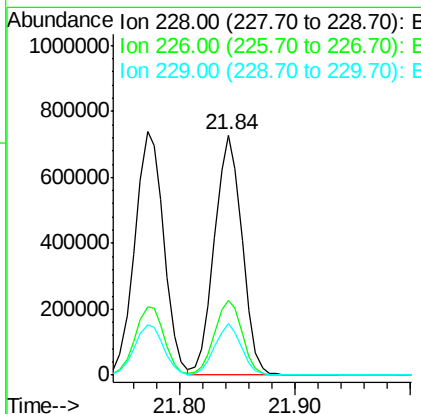
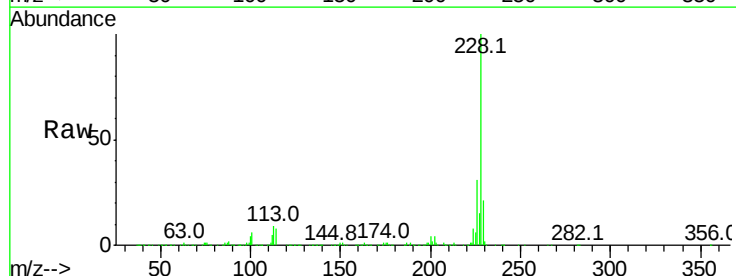
Instrument :
 BNA_G
 ClientSampleId :

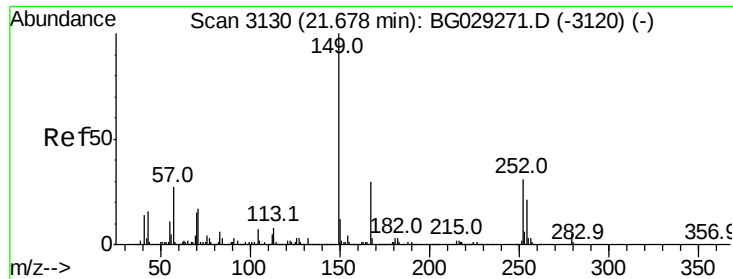
Tot Ion:252 Resp: 528385
 Ion Ratio Lower Upper
 252 100
 254 66.1 50.8 76.2
 126 8.3 7.4 11.2



#82
 Chrysene
 Concen: 38.836 ng
 RT: 21.84 min Scan# 3158
 Delta R.T. -0.01 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion:228 Resp: 1202986
 Ion Ratio Lower Upper
 228 100
 226 31.2 24.9 37.3
 229 21.4 15.0 22.4

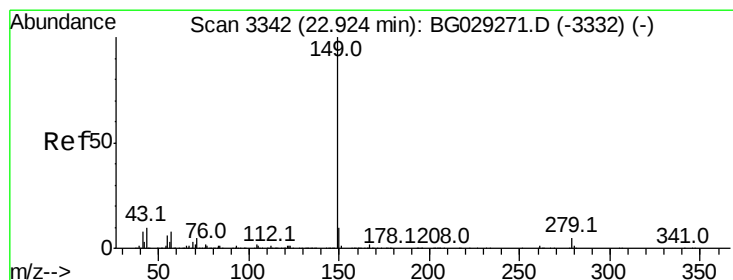
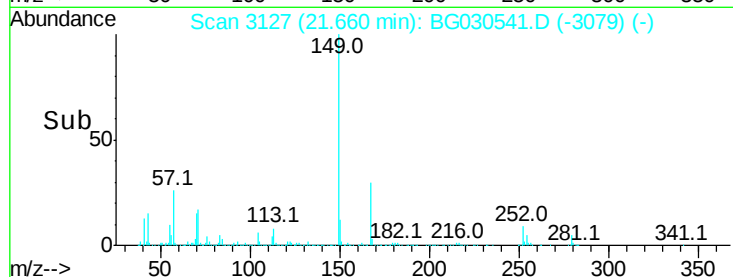
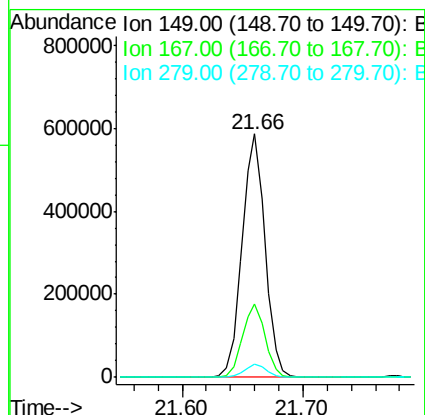
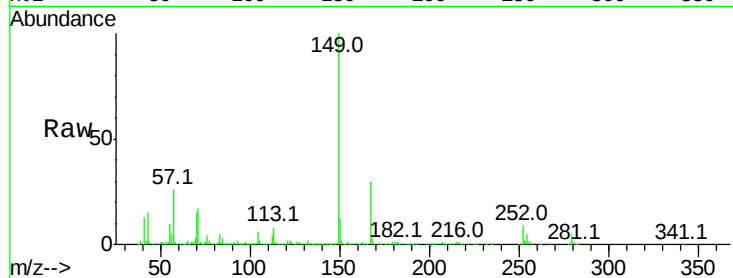




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.007 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

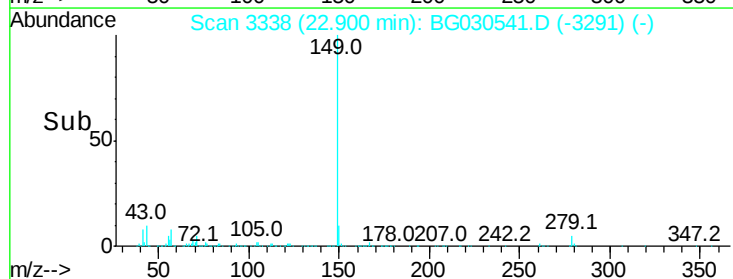
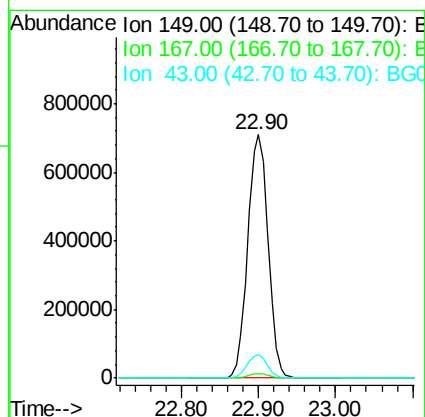
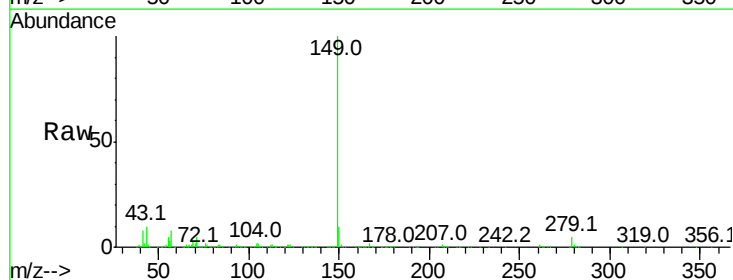
Instrument :
 BNA_G
 ClientSampleId :

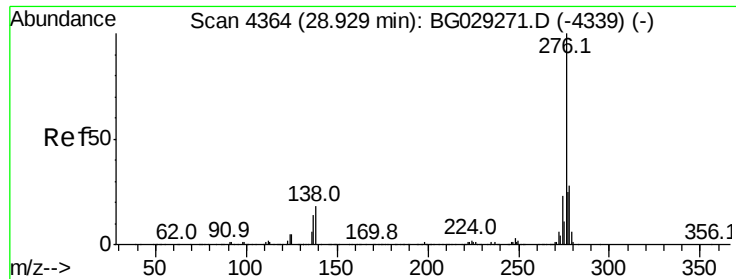
Tot Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.3	36.5
279	5.2	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 36.952 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030541.D
 Acq: 29 Oct 2017 00:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.5	8.9	13.3

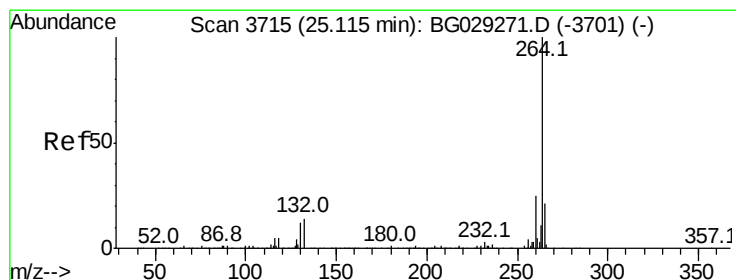
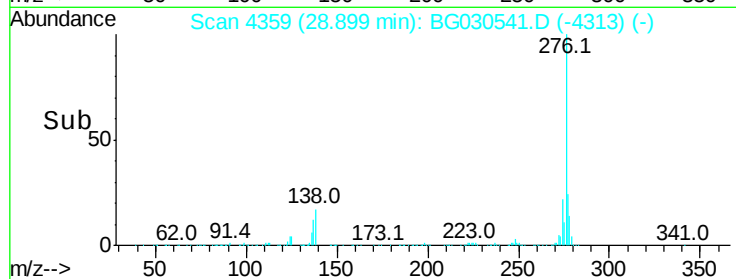
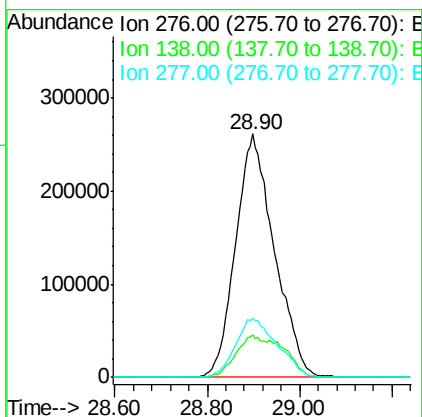
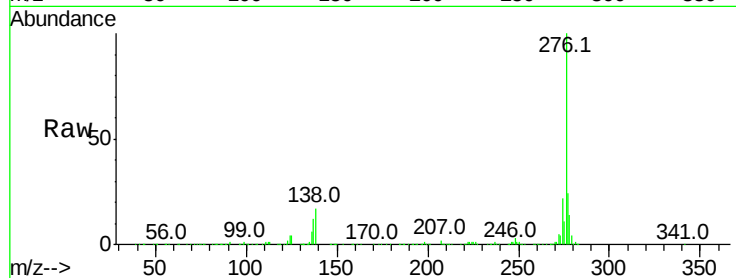




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.921 ng
RT: 28.90 min Scan# 4359
Delta R.T. -0.03 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

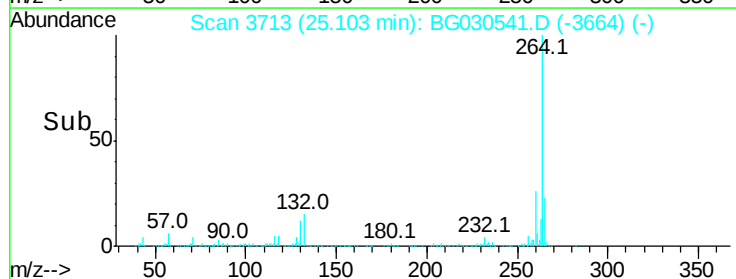
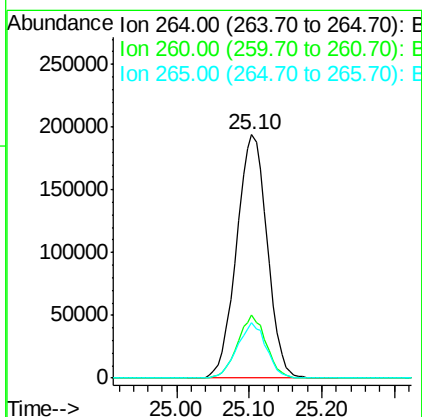
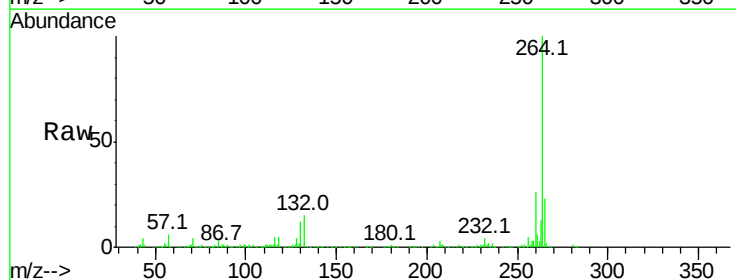
Instrument :
BNA_G
ClientSampleId :

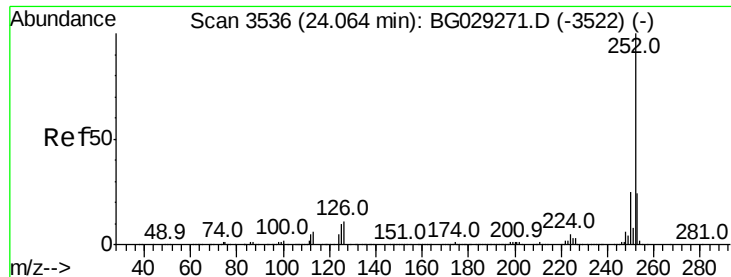
Tot Ion:276 Resp: 1521342
Ion Ratio Lower Upper
276 100
138 12.8 16.0 24.0#
277 26.2 20.0 30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3713
Delta R.T. -0.01 min
Lab File: BG030541.D
Acq: 29 Oct 2017 00:41

Tgt Ion:264 Resp: 568380
Ion Ratio Lower Upper
264 100
260 25.7 17.4 26.0
265 22.7 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 40.190 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

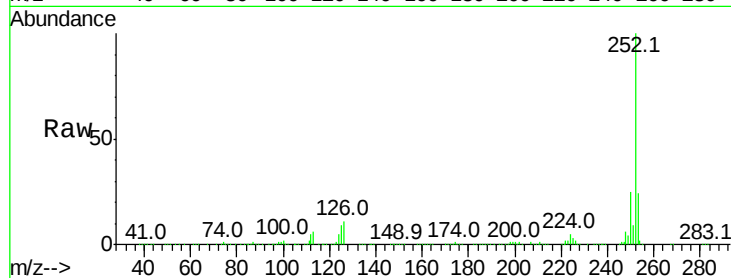
Tot Ion:252 Resp: 1307773

Ion Ratio Lower Upper

252 100

253 24.2 18.2 27.4

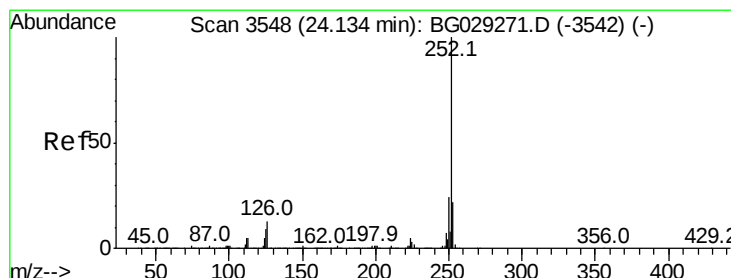
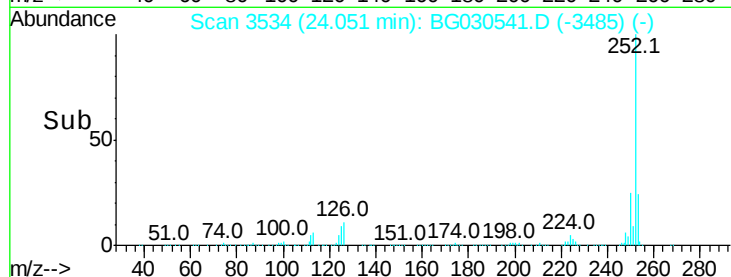
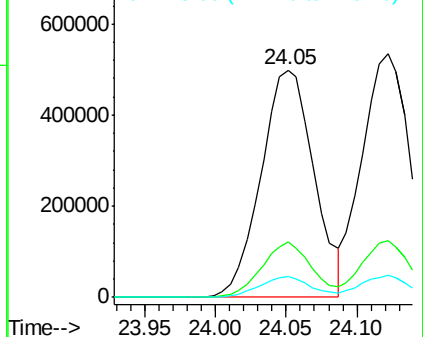
125 9.0 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.196 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

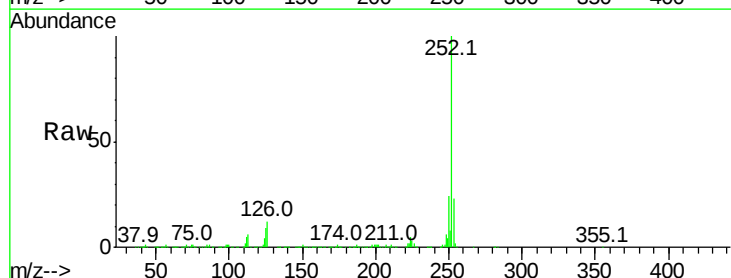
Tgt Ion:252 Resp: 1270683

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

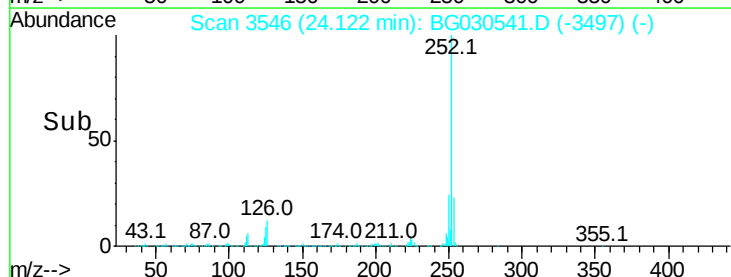
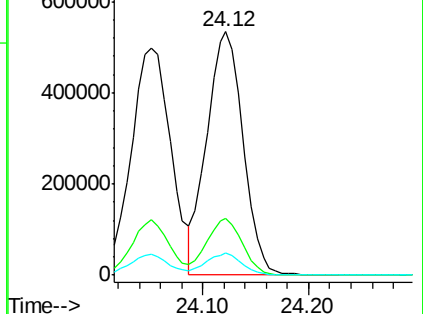
125 9.2 6.6 9.8

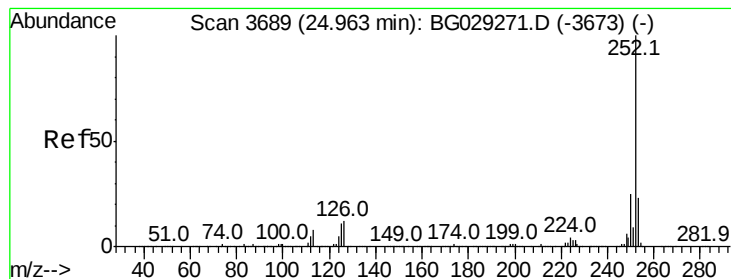


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.365 ng

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

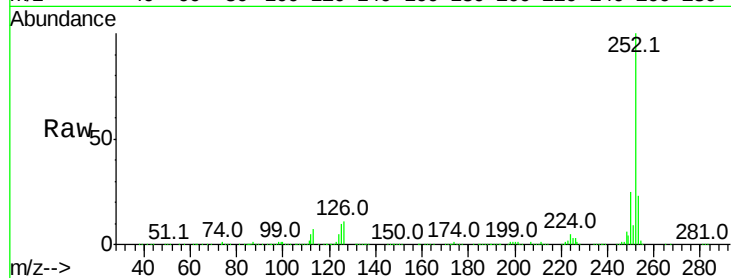
Tot Ion:252 Resp: 1231433

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.7	7.3	10.9

252 100

253 22.7 18.3 27.5

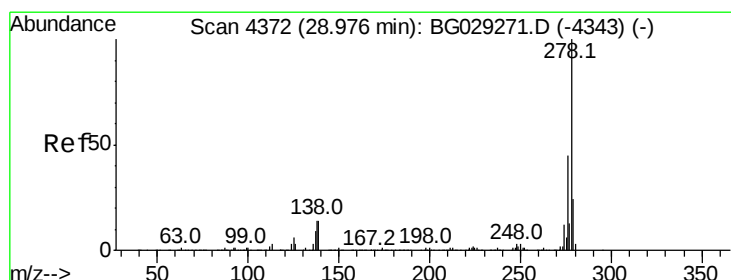
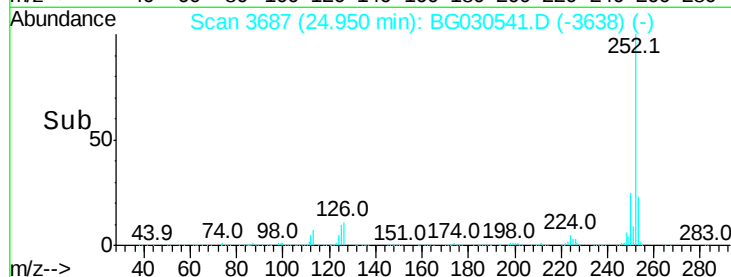
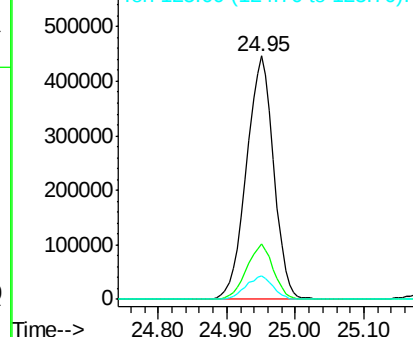
125 9.7 7.3 10.9



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: 40.941 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.02 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

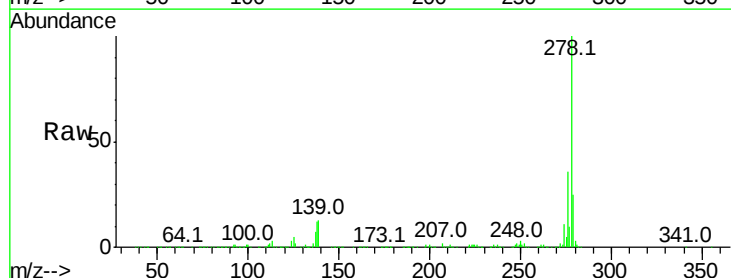
Tgt Ion:278 Resp: 1296632

Ion	Ratio	Lower	Upper
278	100		
139	13.1	9.8	14.6
279	24.6	18.4	27.6

278 100

139 13.1 9.8 14.6

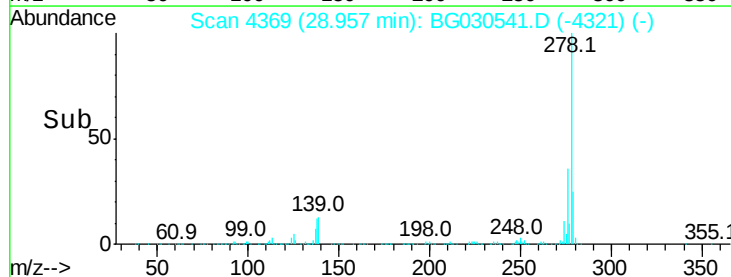
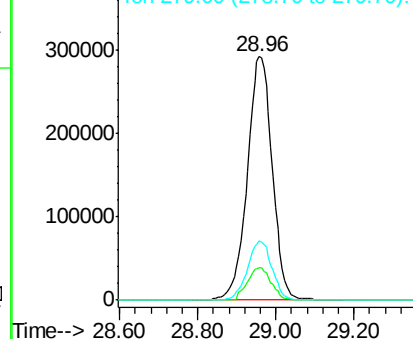
279 24.6 18.4 27.6

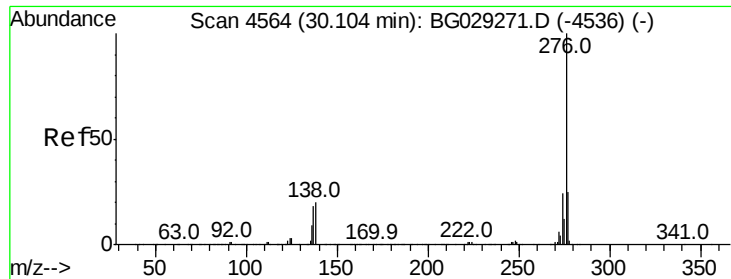


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.100 ng

RT: 30.10 min Scan# 4563

Delta R.T. -0.01 min

Lab File: BG030541.D

Acq: 29 Oct 2017 00:41

Instrument :

BNA_G

ClientSampleId :

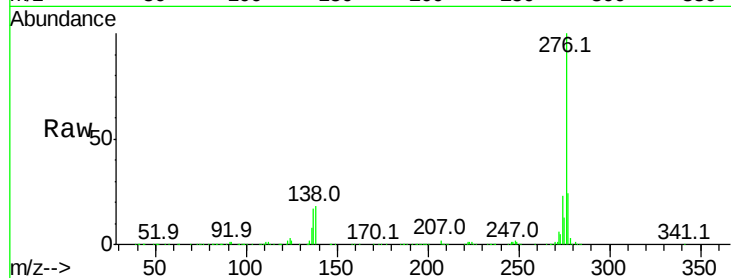
Tot Ion:276 Resp: 1238849

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 17.6 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

