

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030547.D
 Acq On : 29 Oct 2017 4:41
 Operator : SJ/JU
 Sample : I6080-15MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 30 06:53:34 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	68408	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	307000	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	205965	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	497004	20.00	ng	0.00
75) Chrysene-d12	21.80	240	521180	20.00	ng	0.00
86) Perylene-d12	25.10	264	527950	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	657854	160.65	ng	0.00
7) Phenol-d6	7.32	99	823898	143.34	ng	0.00
23) Nitrobenzene-d5	9.33	82	538433	111.45	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	474976	178.61	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1384949	98.62	ng	0.00
78) Terphenyl-d14	20.11	244	2208913	96.42	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.60	88	86081	51.811	ng	83
3) Pyridine	4.00	79	205362	42.445	ng	91
4) n-Nitrosodimethylamine	3.90	42	113440	50.158	ng	# 90
6) Aniline	7.49	93	207030	29.087	ng	95
8) 2-Chlorophenol	7.73	128	254303	54.179	ng	91
9) Benzaldehyde	7.29	77	125366	43.363	ng	91
10) Phenol	7.35	94	310187	50.056	ng	92
11) bis(2-Chloroethyl)ether	7.58	93	241176	53.419	ng	91
12) 1,3-Dichlorobenzene	8.05	146	276662	52.501	ng	97
13) 1,4-Dichlorobenzene	8.20	146	278879	51.834	ng	96
14) 1,2-Dichlorobenzene	8.52	146	264971	51.060	ng	98
15) Benzyl Alcohol	8.40	79	238303	58.832	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.69	45	391549	51.067	ng	94
17) 2-Methylphenol	8.61	107	226816	55.100	ng	97
18) Hexachloroethane	9.26	117	96613	52.693	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	209303	53.554	ng	# 96
20) 3+4-Methylphenols	8.93	107	317955	54.818	ng	95
22) Acetophenone	8.99	105	385996	52.172	ng	# 92
24) Nitrobenzene	9.37	77	289552	53.306	ng	92
25) Isophorone	9.90	82	592750	58.773	ng	# 94
26) 2-Nitrophenol	10.09	139	154160	59.381	ng	88
27) 2,4-Dimethylphenol	10.14	122	265854	56.600	ng	94
28) bis(2-Chloroethoxy)methane	10.37	93	356244	57.605	ng	96
29) 2,4-Dichlorophenol	10.63	162	294646	58.825	ng	93
30) 1,2,4-Trichlorobenzene	10.84	180	291638	53.894	ng	100
31) Naphthalene	11.03	128	795326	51.981	ng	98
32) Benzoic acid	10.27	122	108498	27.587	ng	86
33) 4-Chloroaniline	11.14	127	71895	11.171	ng	95
34) Hexachlorobutadiene	11.31	225	183455	54.527	ng	96
35) Caprolactam	11.91	113	48569	29.176	ng	# 79
36) 4-Chloro-3-methylphenol	12.25	107	311908	56.618	ng	88
37) 2-Methylnaphthalene	12.62	142	623001	55.869	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	350516	46.612	ng	98
40) Hexachlorocyclopentadiene	12.97	237	378739	129.869	ng	91

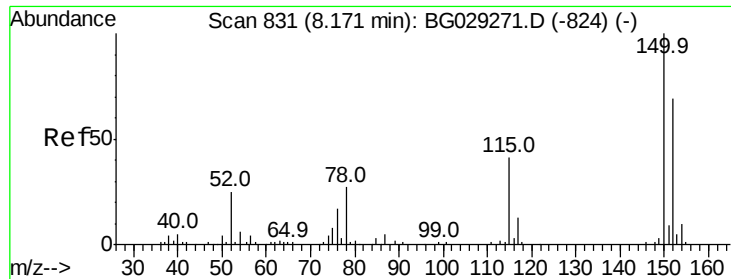
Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.22	196	260380	55.158	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	283781	58.536	ng	95
45) 1,1'-Biphenyl	13.62	154	840874	47.498	ng	96
46) 2-Chloronaphthalene	13.67	162	656972	50.876	ng	97
47) 2-Nitroaniline	13.86	65	211993	59.769	ng	# 84
48) Acenaphthylene	14.51	152	1045595	51.738	ng	98
49) Dimethylphthalate	14.23	163	973570	60.583	ng	99
50) 2,6-Dinitrotoluene	14.36	165	206735	61.368	ng	# 79
51) Acenaphthene	14.85	154	652616	49.632	ng	99
52) 3-Nitroaniline	14.68	138	122583	33.722	ng	# 80
53) 2,4-Dinitrophenol	14.89	184	110083	61.054	ng	# 52
54) Dibenzofuran	15.18	168	1045863	55.716	ng	98
55) 4-Nitrophenol	14.99	139	302900	101.071	ng	# 82
56) 2,4-Dinitrotoluene	15.14	165	291901	64.009	ng	# 76
57) Fluorene	15.83	166	830340	53.547	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.40	232	271109	67.029	ng	94
59) Diethylphthalate	15.59	149	903771	56.432	ng	97
60) 4-Chlorophenyl-phenylether	15.81	204	472074	57.098	ng	96
61) 4-Nitroaniline	15.84	138	213401	57.171	ng	86
62) Azobenzene	16.11	77	788320	58.372	ng	95
64) 4,6-Dinitro-2-methylphenol	15.90	198	115587	41.637	ng	84
65) n-Nitrosodiphenylamine	16.03	169	773591	51.960	ng	99
66) 4-Bromophenyl-phenylether	16.71	248	319146	55.961	ng	100
67) Hexachlorobenzene	16.83	284	338196	52.353	ng	99
68) Atrazine	16.97	200	307438	57.873	ng	98
69) Pentachlorophenol	17.17	266	344476	92.827	ng	98
70) Phenanthrene	17.57	178	1353097	52.700	ng	95
71) Anthracene	17.66	178	1383468	53.661	ng	97
72) Carbazole	17.92	167	1274524	51.463	ng	98
73) Di-n-butylphthalate	18.46	149	1488176	52.246	ng	98
74) Fluoranthene	19.56	202	1641069	54.646	ng	94
76) Benzidine	19.73	184	167638	10.653	ng	99
77) Pyrene	19.92	202	1679874	53.134	ng	94
79) Butylbenzylphthalate	20.79	149	715975	53.155	ng	89
80) Benzo(a)anthracene	21.78	228	1700202	55.563	ng	96
81) 3,3'-Dichlorobenzidine	21.68	252	412386	32.651	ng	100
82) Chrysene	21.85	228	1594514	54.412	ng	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	1009207	52.207	ng	99
84) Di-n-octyl phthalate	22.90	149	1709784	50.750	ng	97
85) Indeno(1,2,3-cd)pyrene	28.90	276	2062038	57.196	ng	97
87) Benzo(b)fluoranthene	24.06	252	1736342	57.446	ng	99
88) Benzo(k)fluoranthene	24.12	252	1699226	56.429	ng	98
89) Benzo(a)pyrene	24.96	252	1672851	57.571	ng	98
90) Dibenzo(a,h)anthracene	28.97	278	1721036	58.504	ng	96
91) Benzo(g,h,i)perylene	30.11	276	1707750	62.479	ng	98

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

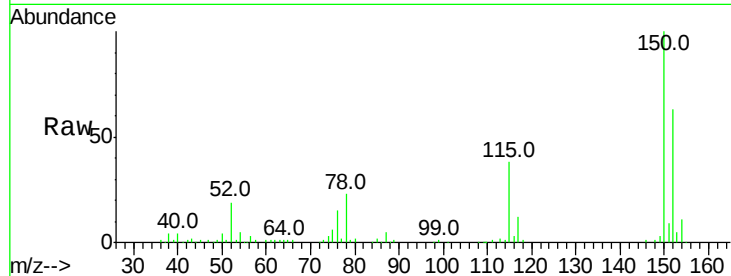


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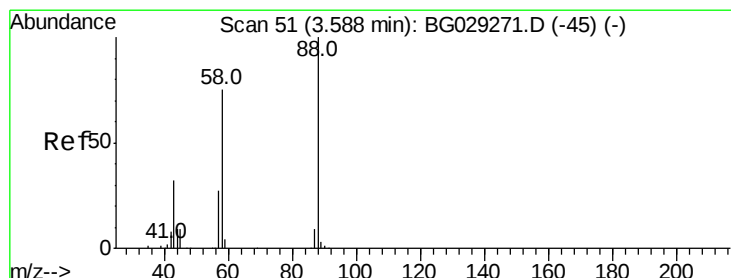
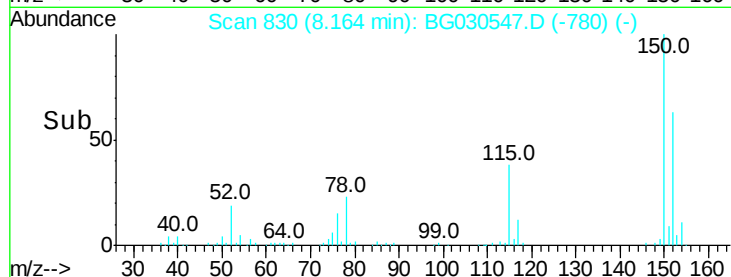
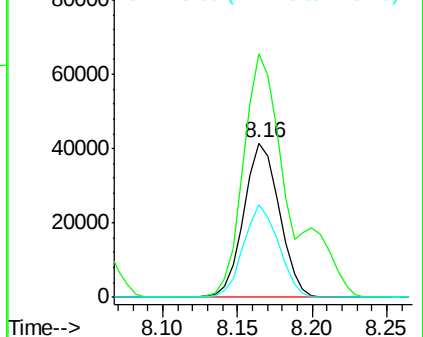
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 68408
Ion Ratio Lower Upper
152 100
150 158.0 126.6 189.8
115 60.1 53.0 79.4



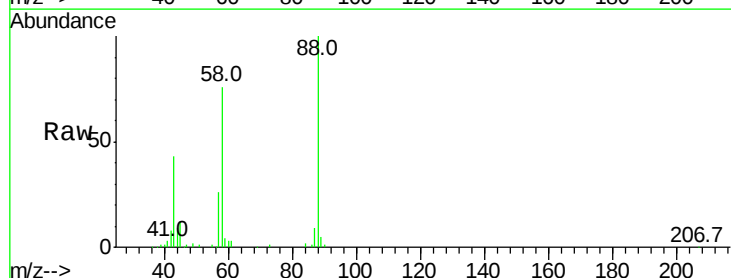
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



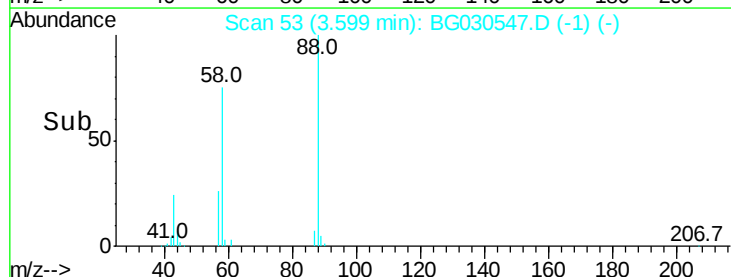
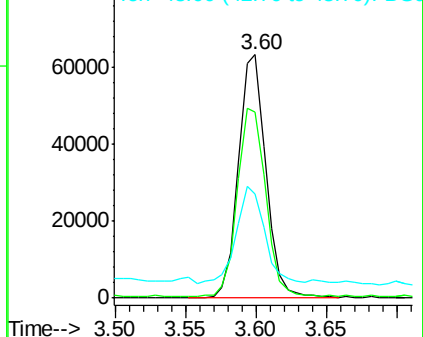
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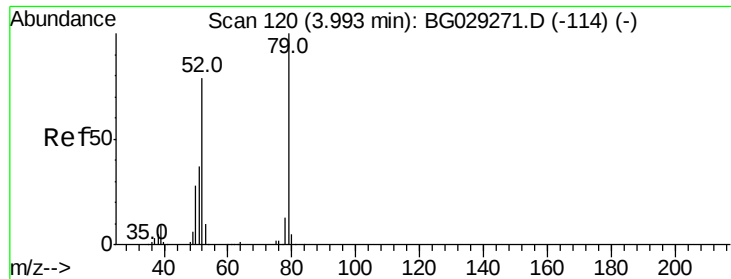
1,4-Dioxane
Concen: 51.811 ng
RT: 3.60 min Scan# 53
Delta R.T. 0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion: 88 Resp: 86081
Ion Ratio Lower Upper
88 100
58 80.1 79.6 119.4
43 40.7 27.4 41.0



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





#3

Pvridine

Concen: 42.445 ng

RT: 4.00 min Scan# 122

Delta R.T. 0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

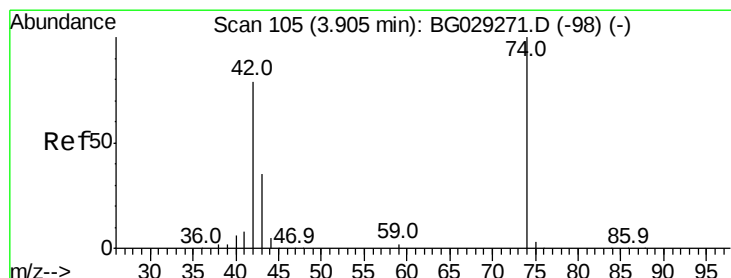
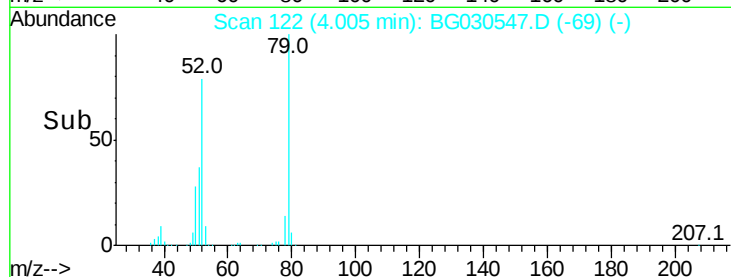
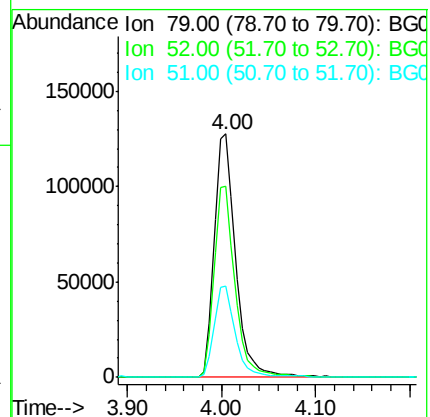
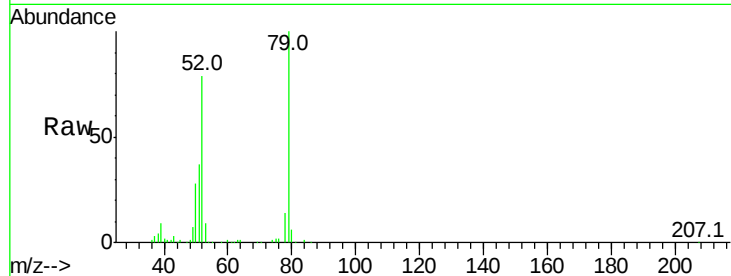
Tot Ion: 79 Resp: 205362

Ion Ratio Lower Upper

79 100

52 78.7 69.9 104.9

51 37.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 50.158 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

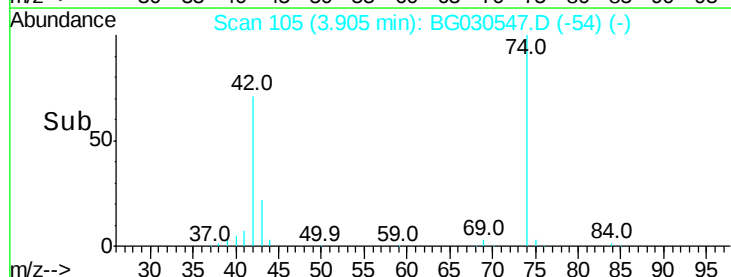
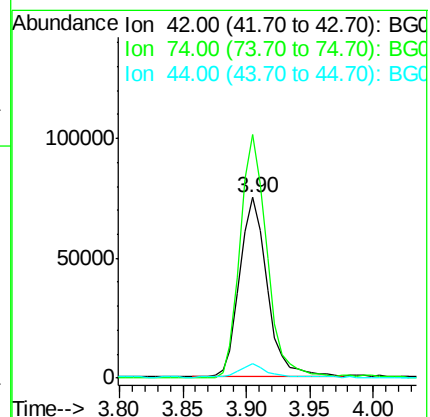
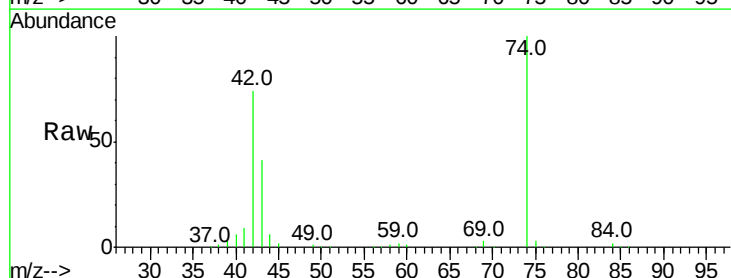
Tgt Ion: 42 Resp: 113440

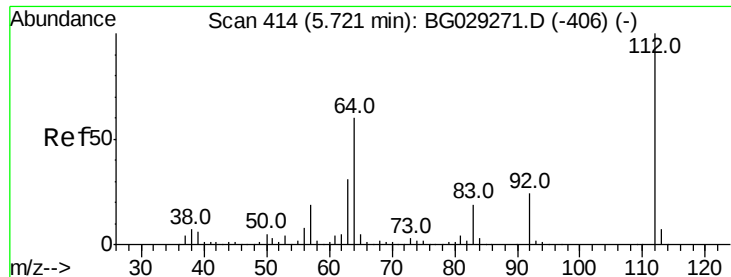
Ion Ratio Lower Upper

42 100

74 134.8 102.5 153.7

44 8.0 18.9 28.3#





#5

2-Fluorophenol

Concen: 160.651 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampled :

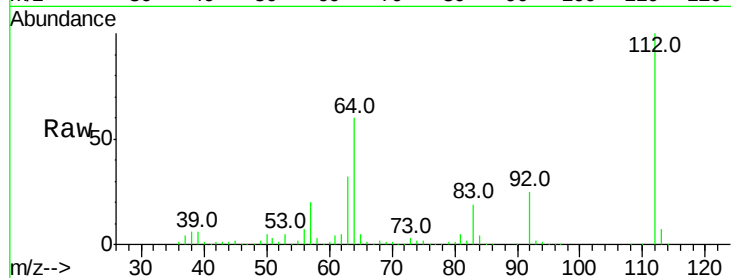
Tot Ion:112 Resp: 657854

Ion Ratio Lower Upper

112 100

64 59.6 56.3 84.5

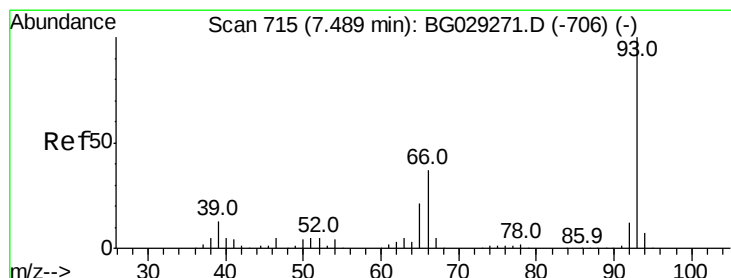
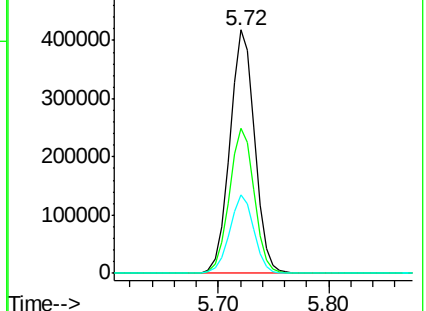
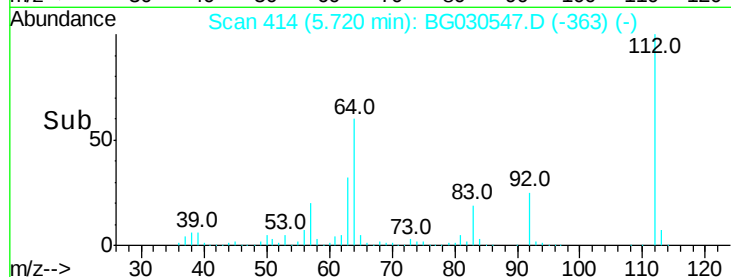
63 32.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.087 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

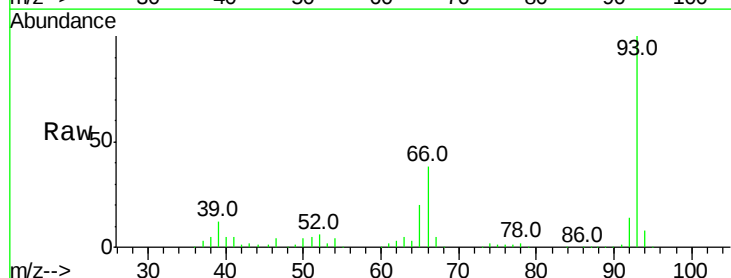
Tgt Ion: 93 Resp: 207030

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

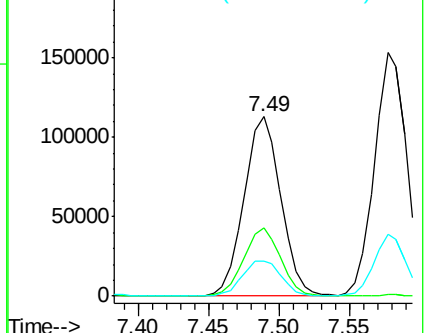
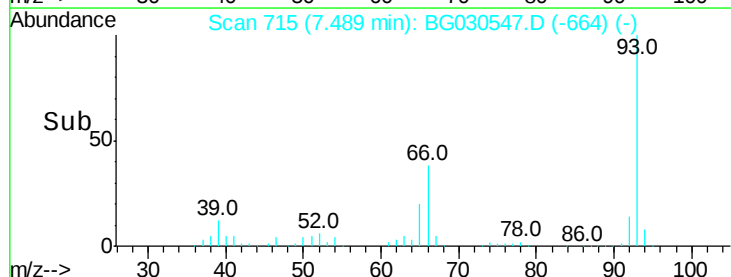
65 19.7 16.1 24.1

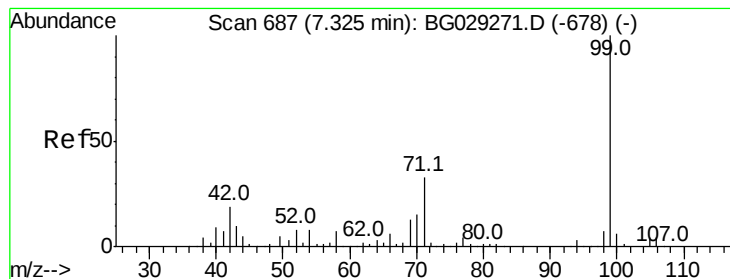


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 143.340 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

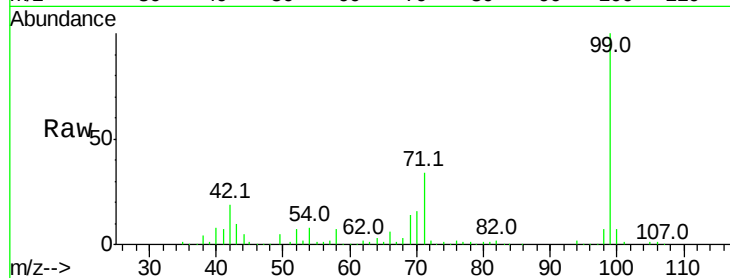
Tot Ion: 99 Resp: 823898

Ion Ratio Lower Upper

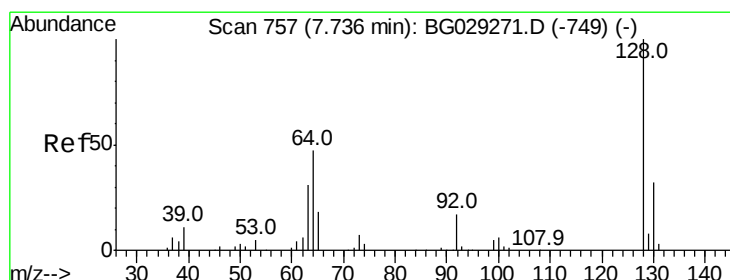
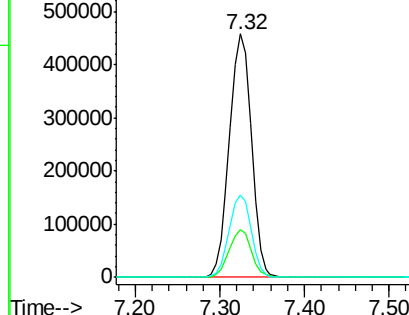
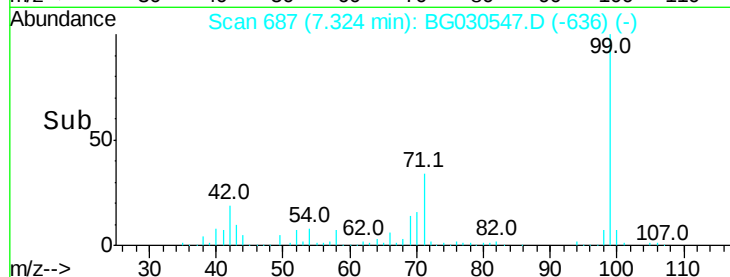
99 100

42 19.4 14.1 21.1

71 33.8 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: 54.179 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

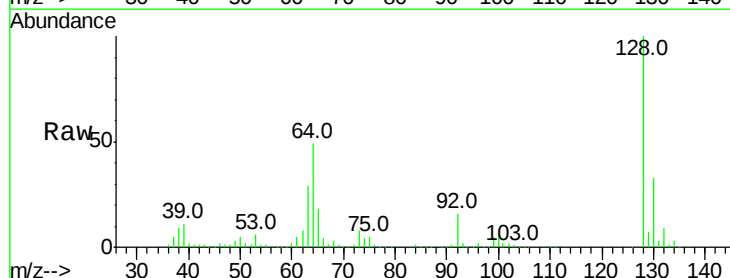
Tgt Ion: 128 Resp: 254303

Ion Ratio Lower Upper

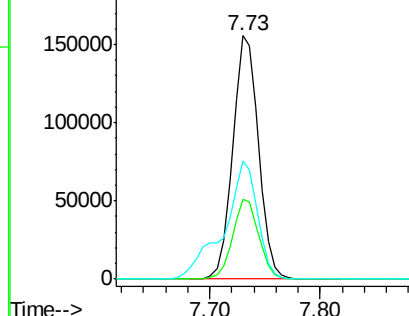
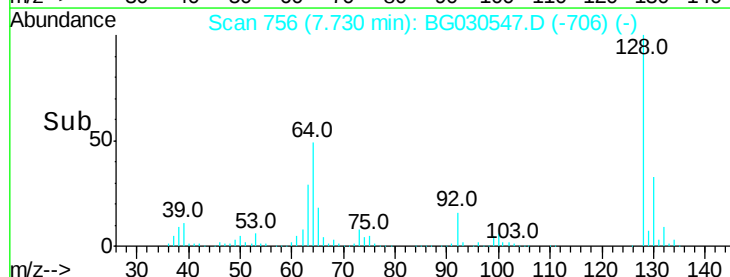
128 100

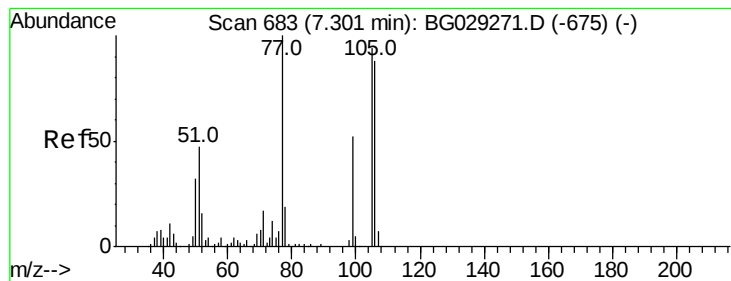
130 32.6 14.0 54.0

64 48.7 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: 43.363 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampled :

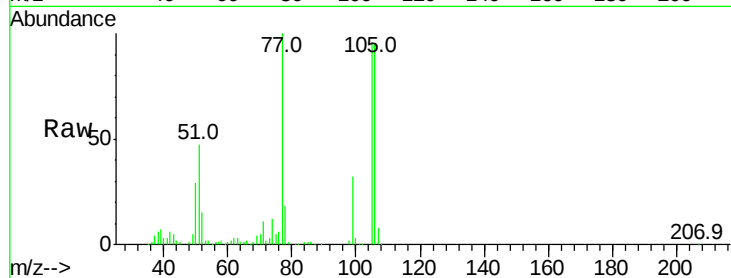
Tot Ion: 77 Resp: 125366

Ion Ratio Lower Upper

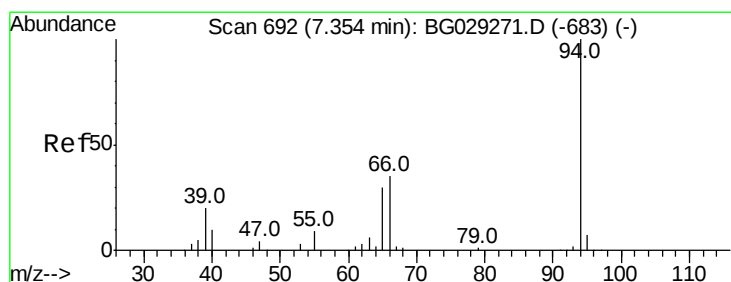
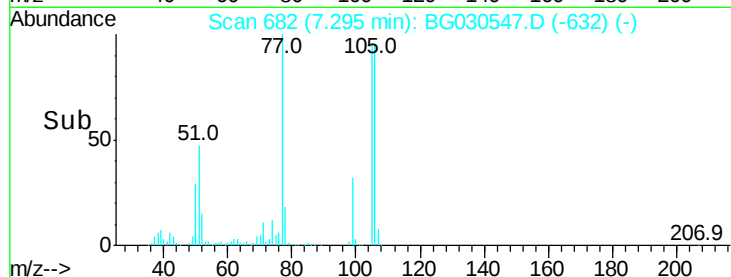
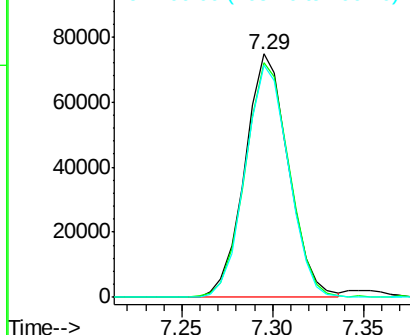
77 100

105 96.2 71.3 111.3

106 95.3 64.2 104.2



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



#10

Phenol

Concen: 50.056 ng

RT: 7.35 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

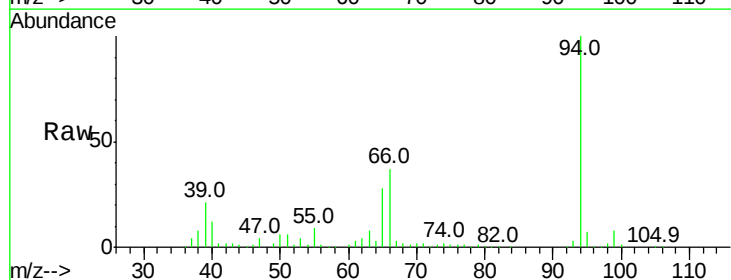
Tgt Ion: 94 Resp: 310187

Ion Ratio Lower Upper

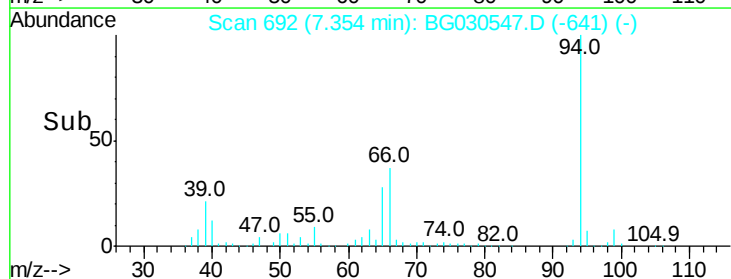
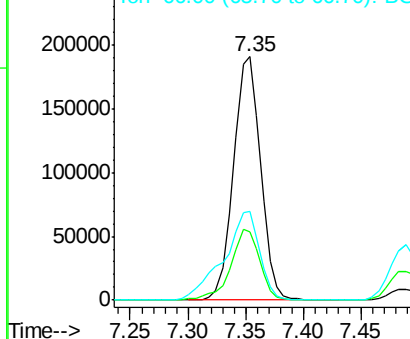
94 100

65 27.8 11.9 51.9

66 36.7 22.2 62.2



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

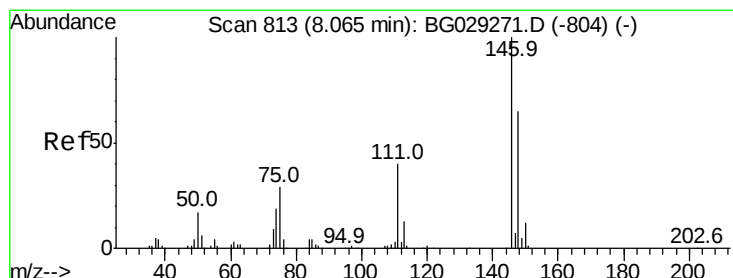
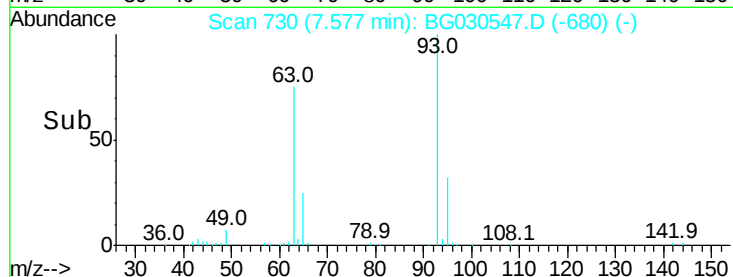
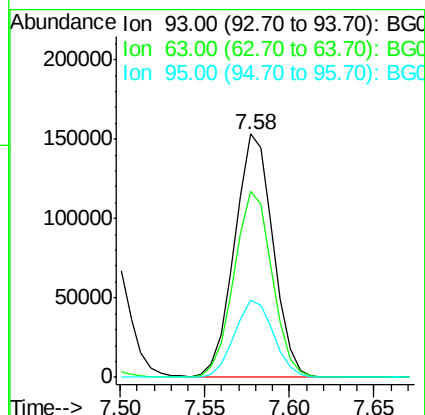
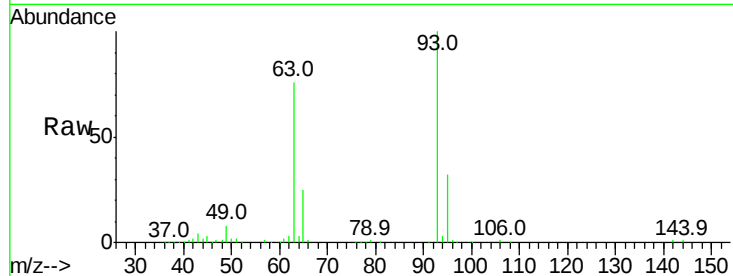




#11
bis(2-Chloroethyl)ether
Concen: 53.419 ng
RT: 7.58 min Scan# 730
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

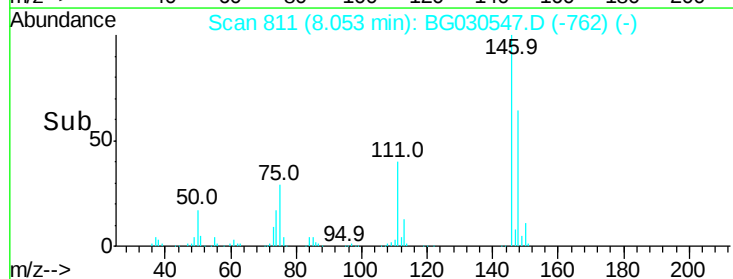
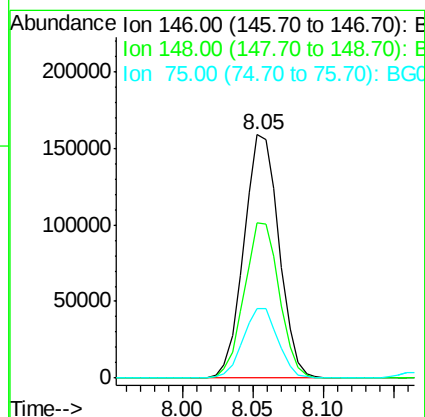
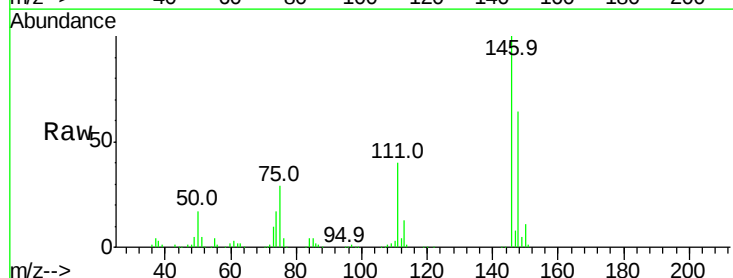
Instrument :
BNA_G
ClientSampleId :

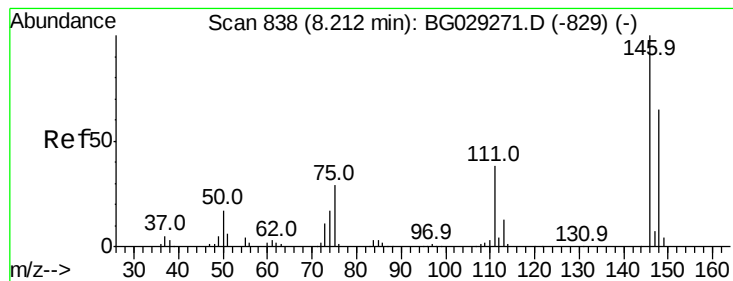
Tot Ion: 93 Resp: 241176
Ion Ratio Lower Upper
93 100
63 76.3 67.1 107.1
95 31.9 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 52.501 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion: 146 Resp: 276662
Ion Ratio Lower Upper
146 100
148 63.7 51.4 77.2
75 28.7 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 51.834 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

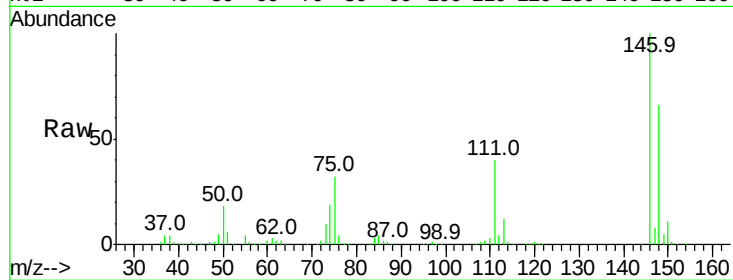
Tot Ion:146 Resp: 278879

Ion Ratio Lower Upper

146 100

148 65.6 53.7 80.5

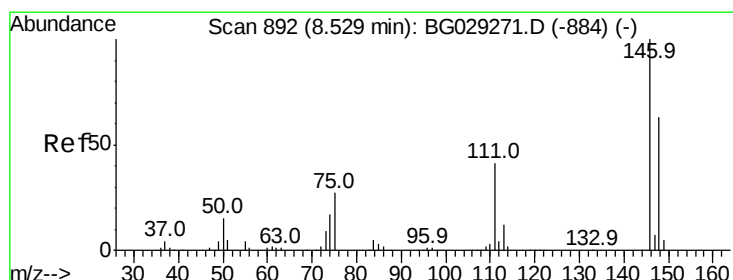
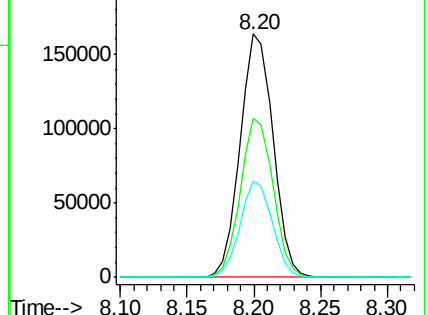
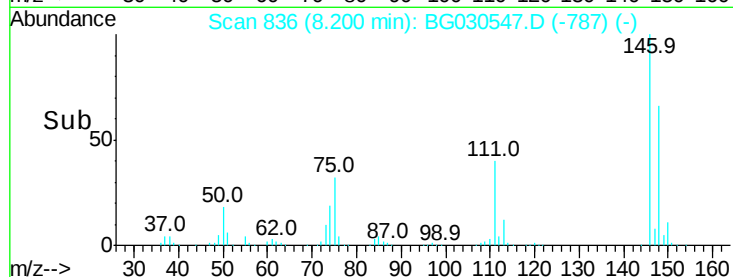
111 39.6 35.2 52.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.060 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

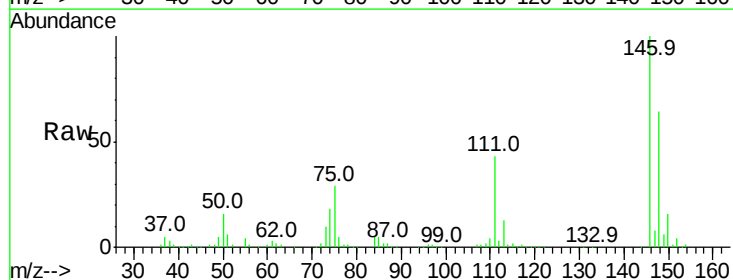
Tgt Ion:146 Resp: 264971

Ion Ratio Lower Upper

146 100

148 64.3 49.3 73.9

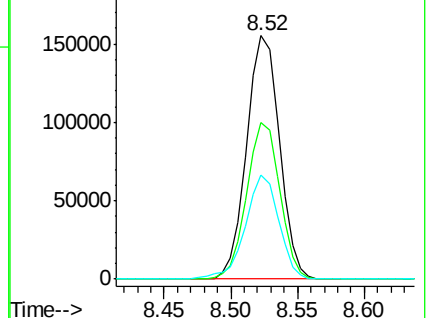
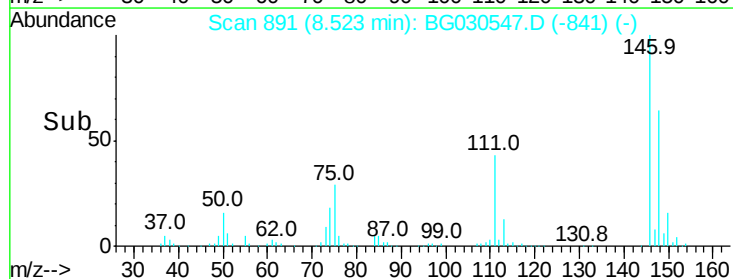
111 42.7 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

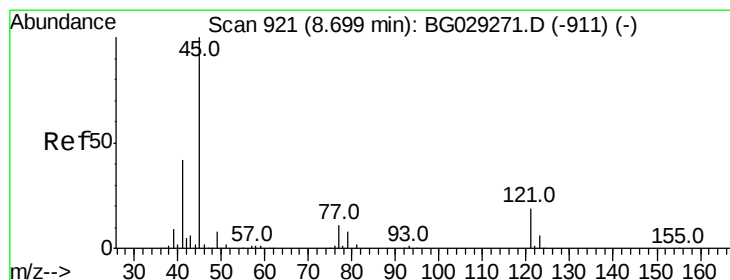
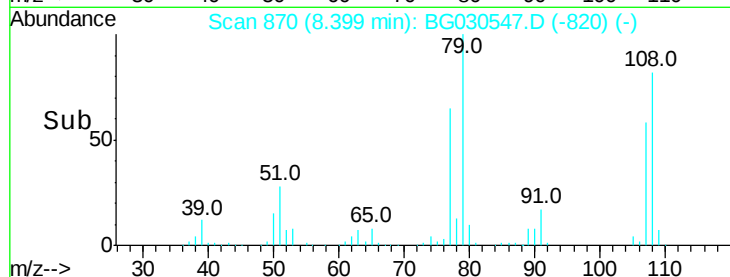
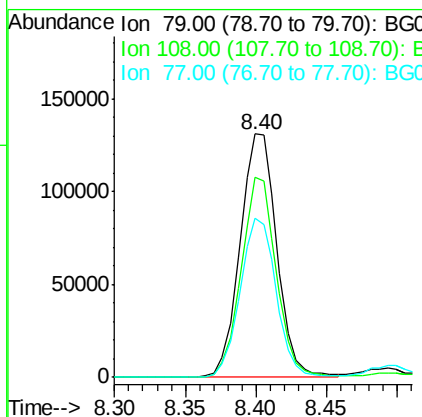
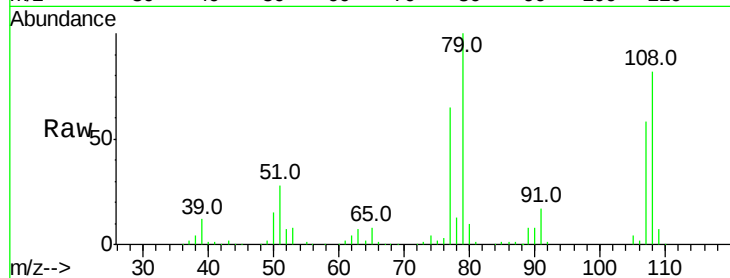




#15
Benzyl Alcohol
Concen: 58.832 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

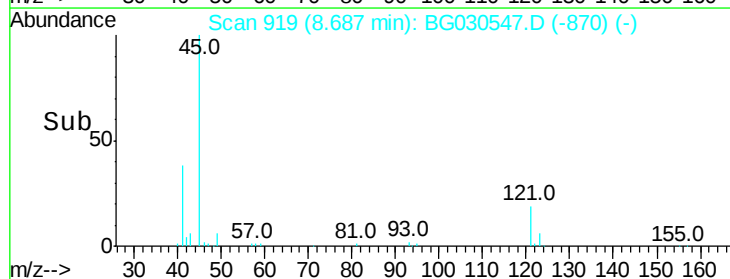
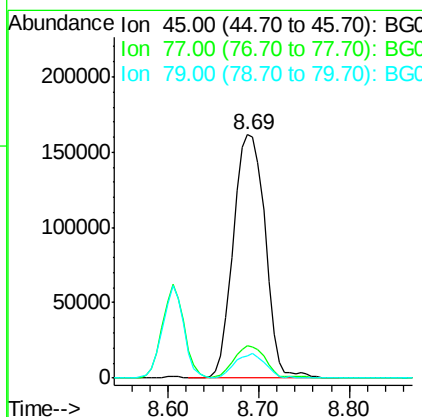
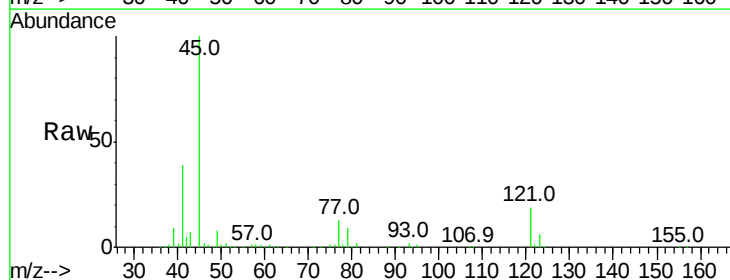
Instrument :
BNA_G
ClientSampleId :

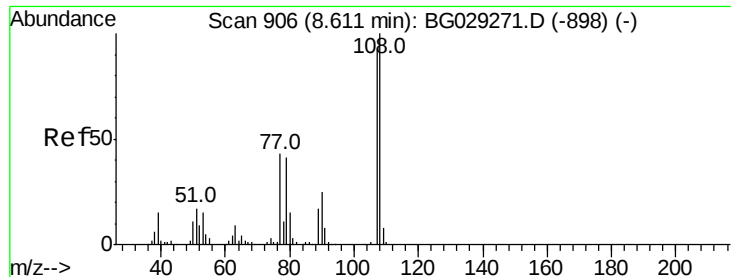
Tot Ion	Ratio	Lower	Upper
79	100		
108	82.0	57.2	85.8
77	65.4	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.067 ng
RT: 8.69 min Scan# 919
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.3	0.0	30.2
79	9.1	0.0	27.9

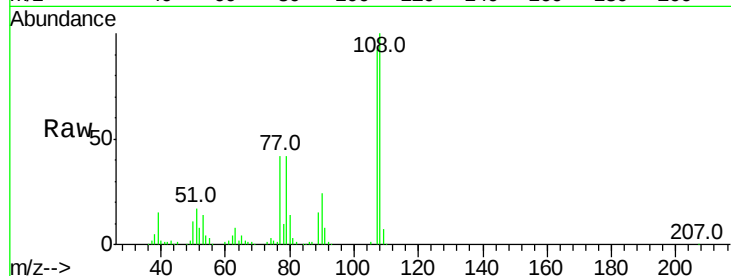




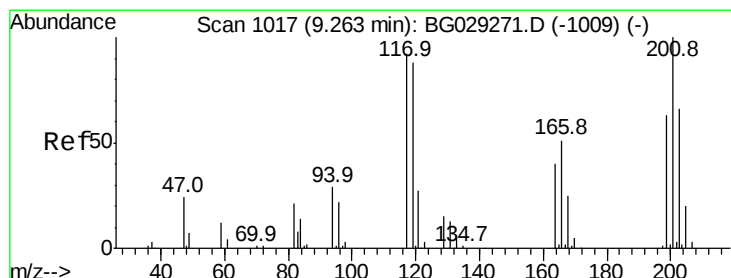
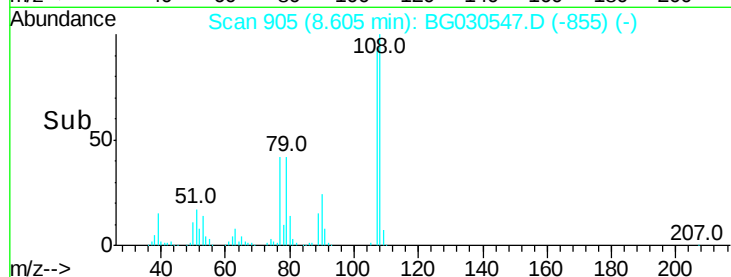
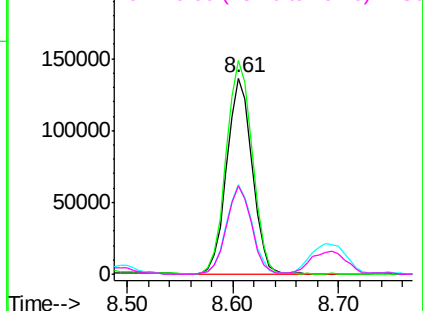
#17
2-Methylphenol
Concen: 55.100 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	226816
Ion	Ratio	Lower	Upper
107	100		
108	109.1	83.9	125.9
77	45.5	37.2	55.8
79	45.3	36.2	54.2

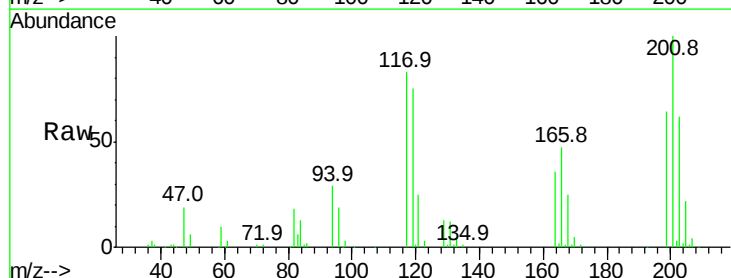


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

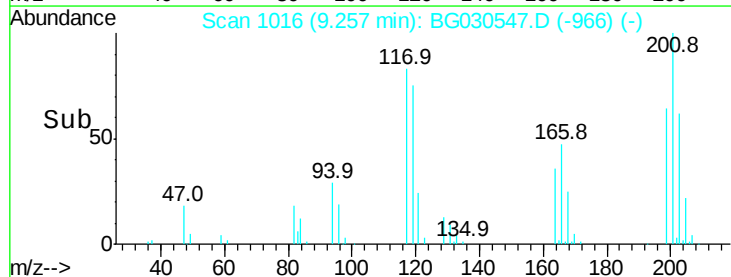
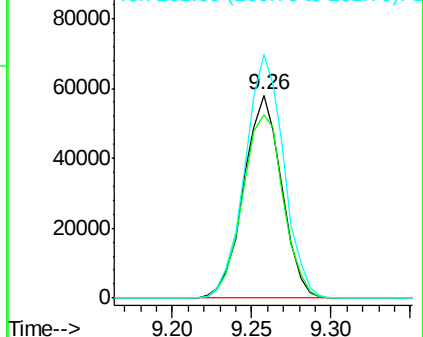


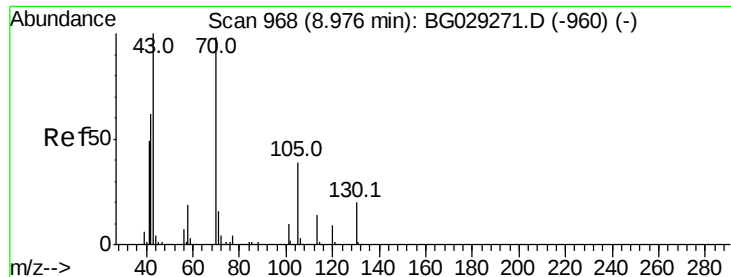
#18
Hexachloroethane
Concen: 52.693 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:	117	Resp:	96613
Ion	Ratio	Lower	Upper
117	100		
119	90.5	76.7	115.1
201	120.1	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

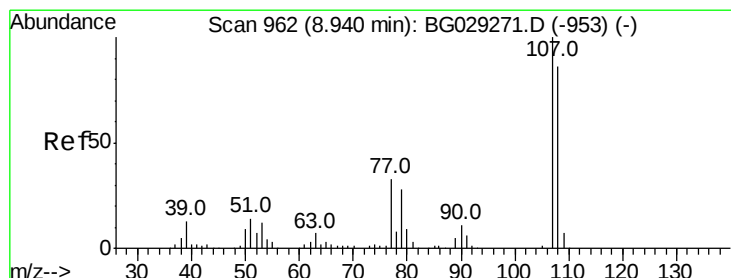
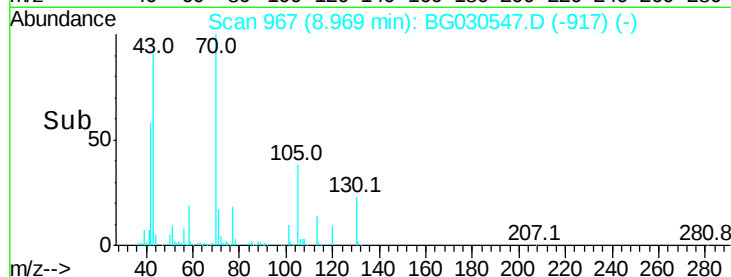
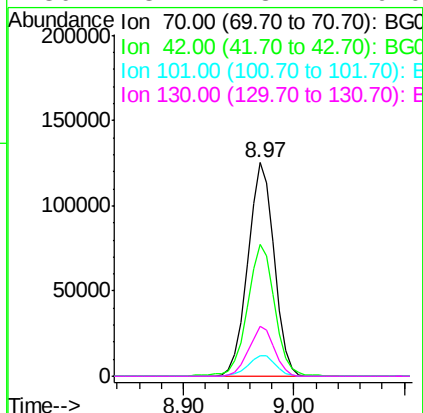
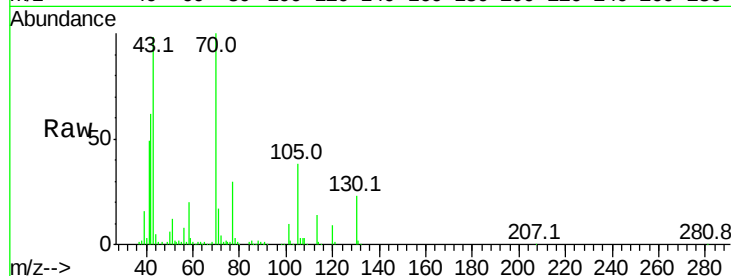




#19
n-Nitroso-di-n-propylamine
Concen: 53.554 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

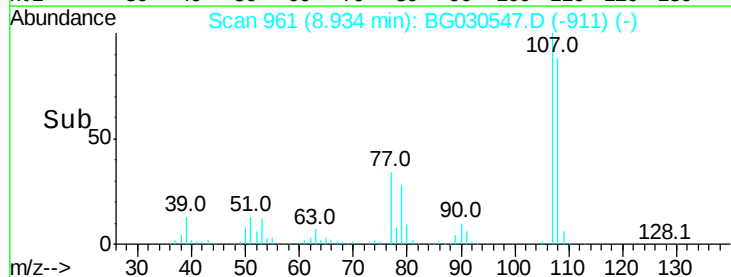
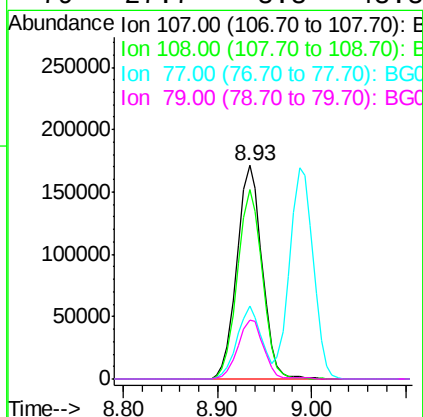
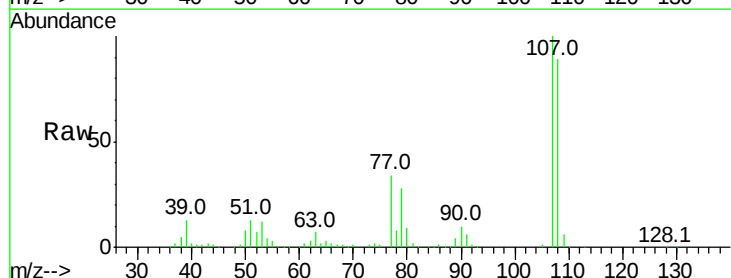
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 209303
Ion Ratio Lower Upper
70 100
42 61.9 49.1 73.7
101 9.7 8.5 12.7
130 23.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 54.818 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion: 107 Resp: 317955
Ion Ratio Lower Upper
107 100
108 88.5 61.6 101.6
77 34.2 13.9 53.9
79 27.7 8.8 48.8

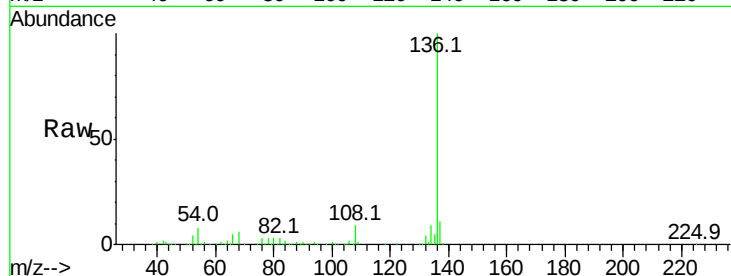




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampled :

Tot Ion:	136	Resp:	307000
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.3	10.3	15.5#
68	6.1	4.5	6.7



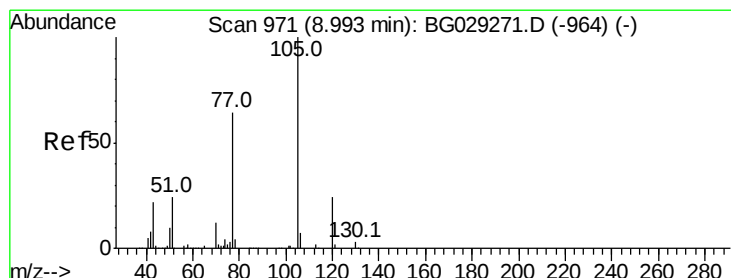
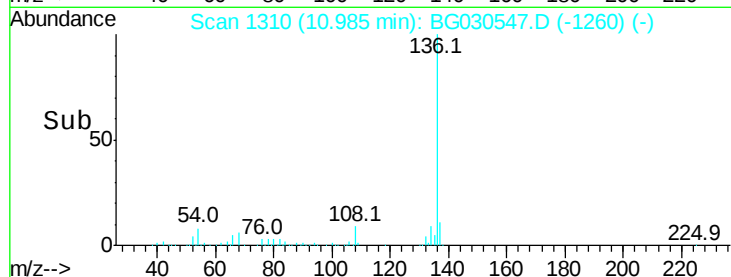
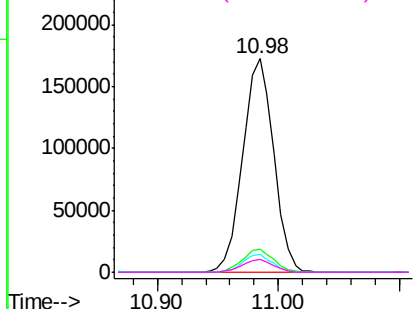
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

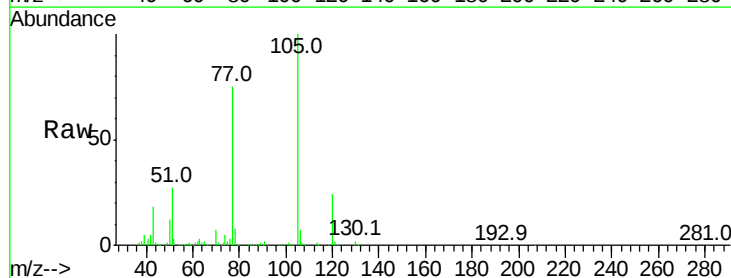
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 52.172 ng
RT: 8.99 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:	105	Resp:	385996
Ion	Ratio	Lower	Upper
105	100		
71	1.0	3.0	4.4#
51	26.7	26.1	39.1
120	24.0	17.4	26.2



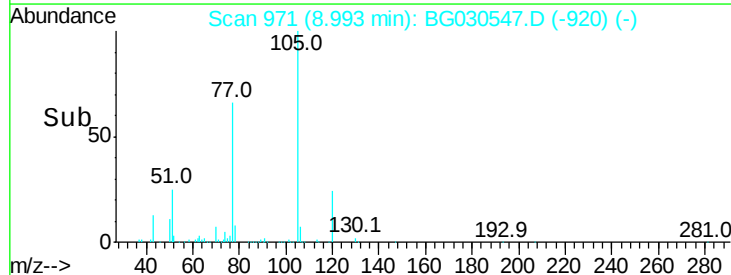
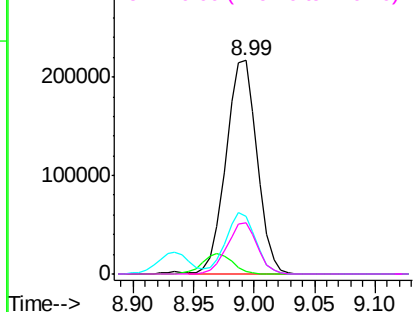
Abundance

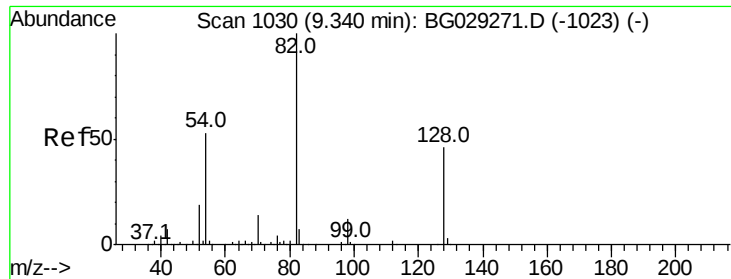
Ion 105.00 (104.70 to 105.70): E

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

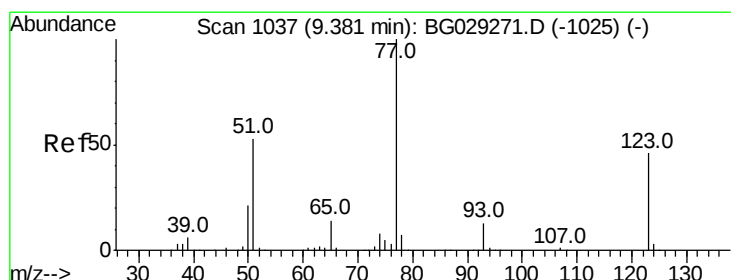
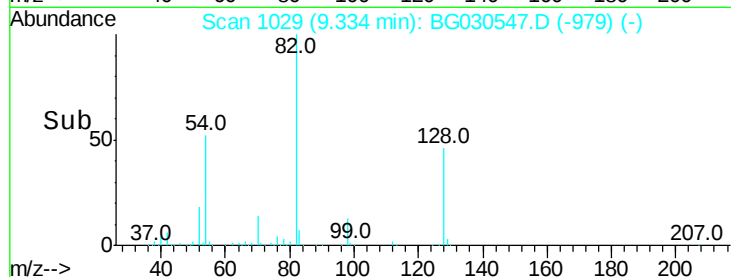
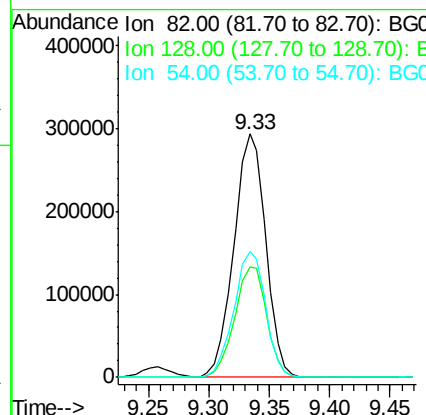
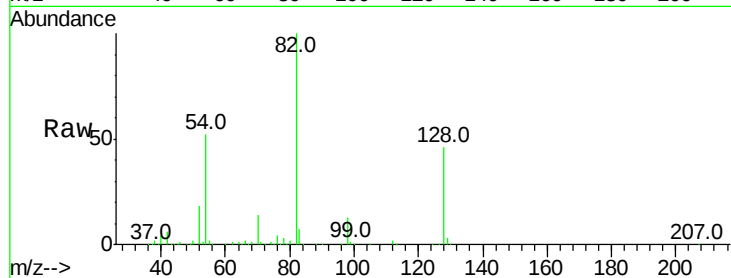




#23
 Nitrobenzene-d5
 Concen: 111.453 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

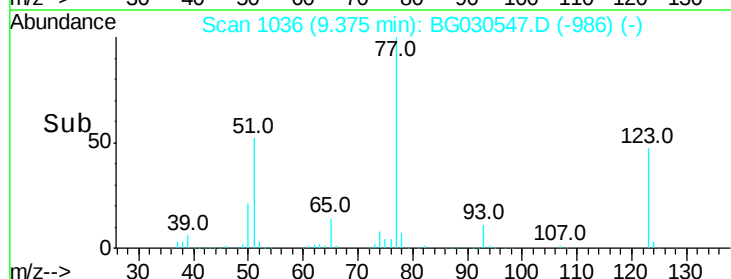
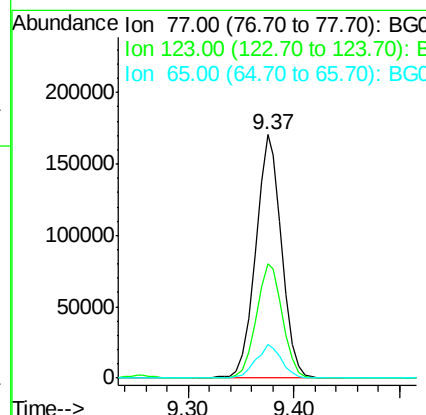
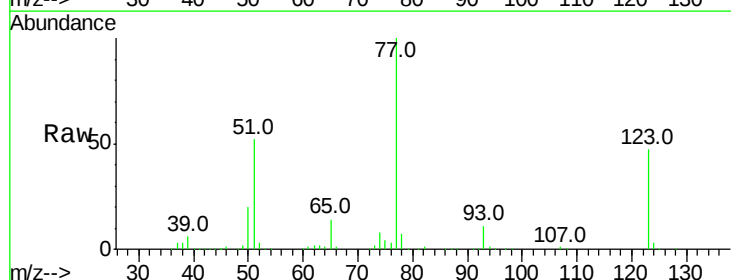
Instrument :
 BNA_G
 ClientSampleId :

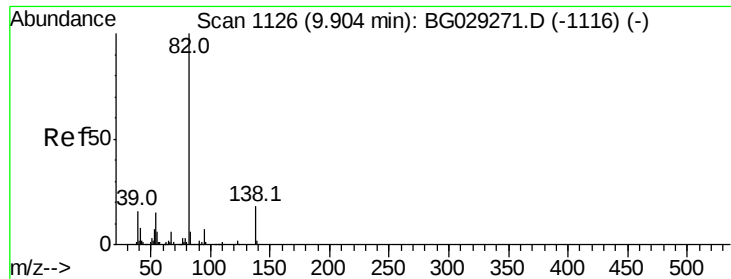
Tot Ion: 82 Resp: 538433
 Ion Ratio Lower Upper
 82 100
 128 45.5 29.7 44.5#
 54 51.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 53.306 ng
 RT: 9.37 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion: 77 Resp: 289552
 Ion Ratio Lower Upper
 77 100
 123 47.1 33.0 49.6
 65 14.0 13.0 19.6





#25

Isophorone

Concen: 58.773 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

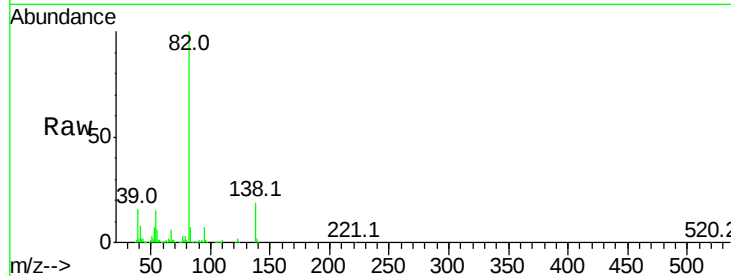
Tot Ion: 82 Resp: 592750

Ion Ratio Lower Upper

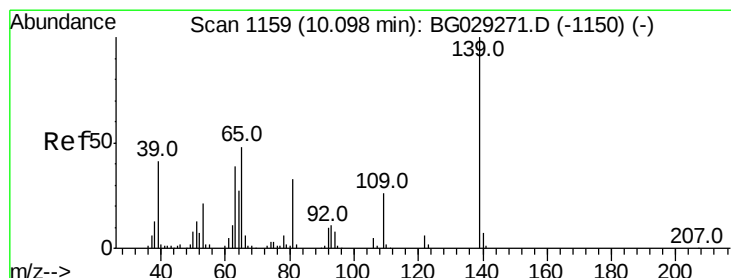
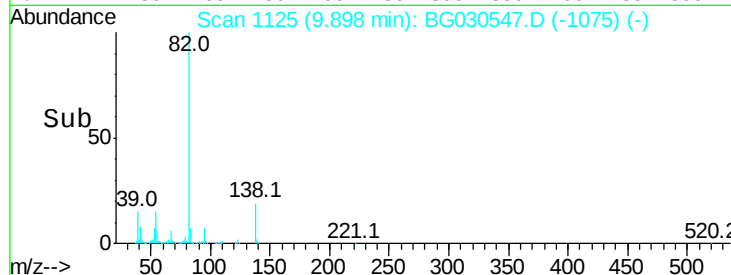
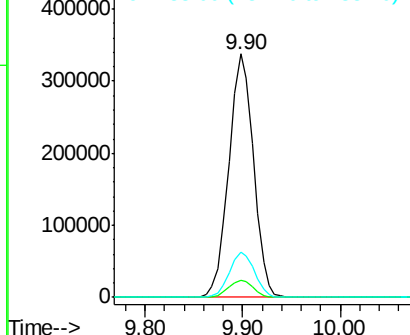
82 100

95 7.2 6.2 9.2

138 18.6 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 59.381 ng

RT: 10.09 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

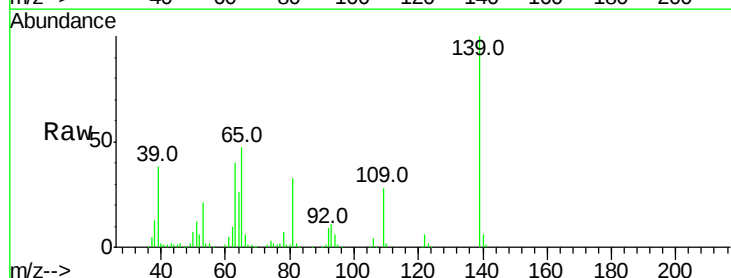
Tgt Ion: 139 Resp: 154160

Ion Ratio Lower Upper

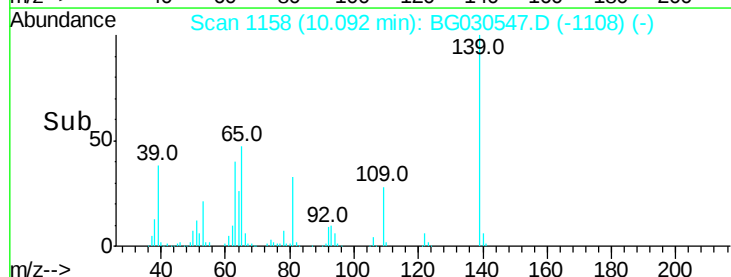
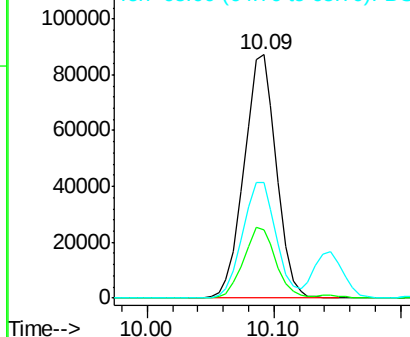
139 100

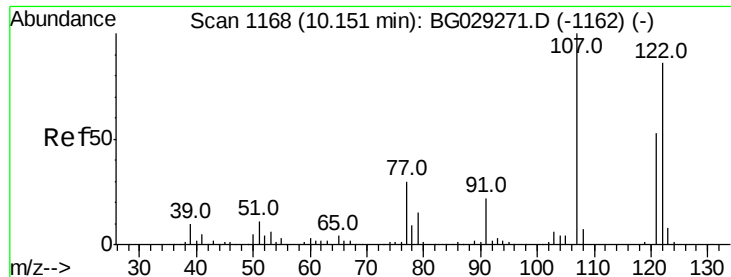
109 28.3 24.2 36.2

65 47.4 47.4 71.0



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

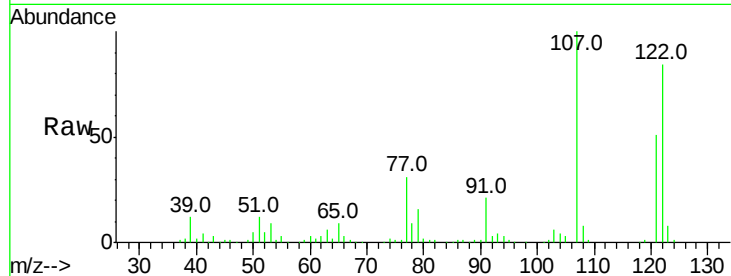




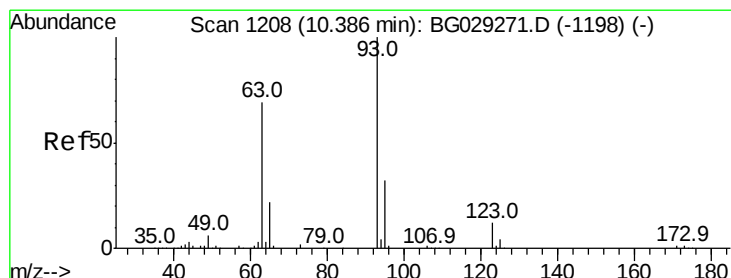
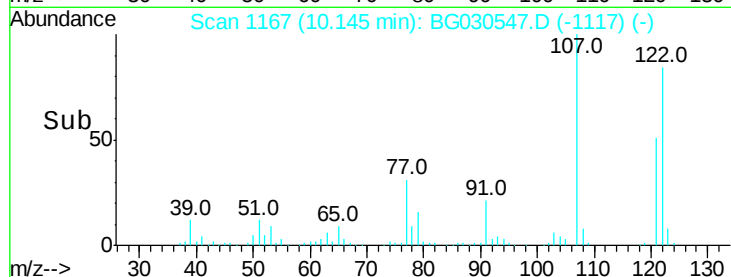
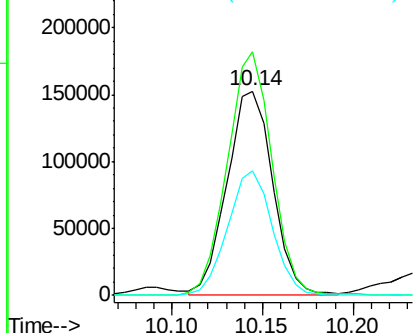
#27
 2,4-Dimethylphenol
 Concen: 56.600 ng
 RT: 10.14 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 265854
 Ion Ratio Lower Upper
 122 100
 107 119.4 100.2 150.2
 121 61.3 44.4 66.6

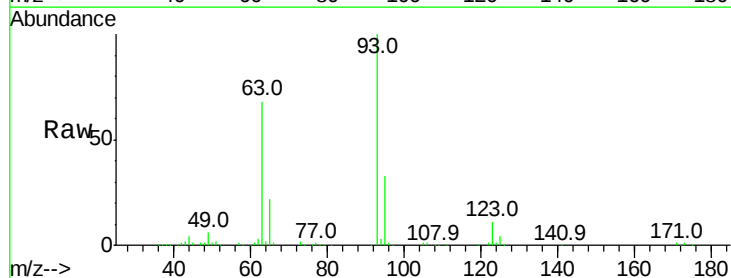


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

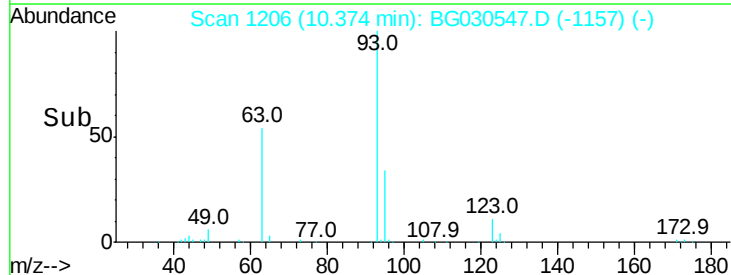
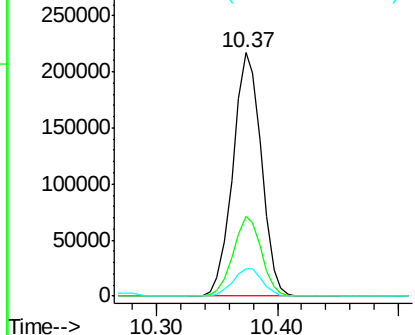


#28
 bis(2-Chloroethoxy)methane
 Concen: 57.605 ng
 RT: 10.37 min Scan# 1206
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion: 93 Resp: 356244
 Ion Ratio Lower Upper
 93 100
 95 32.9 24.3 36.5
 123 11.4 8.4 12.6



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

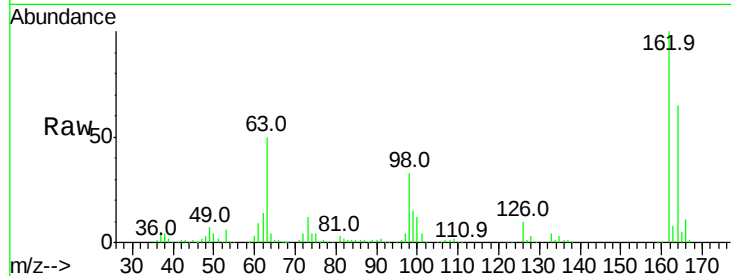




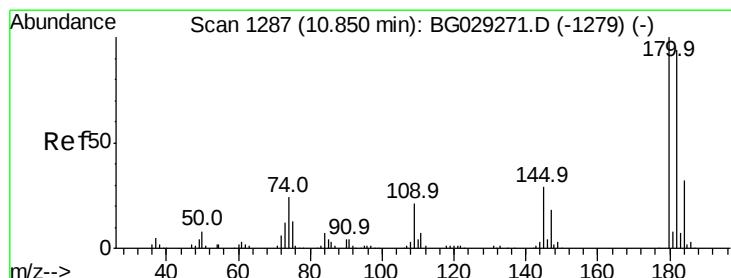
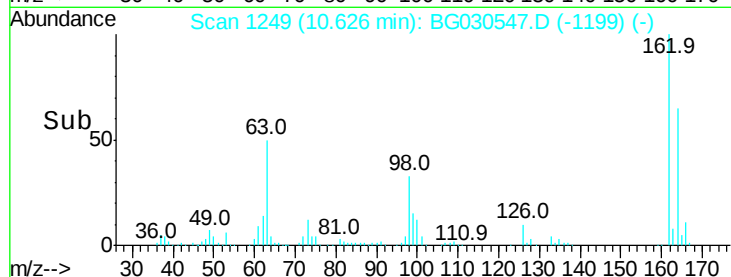
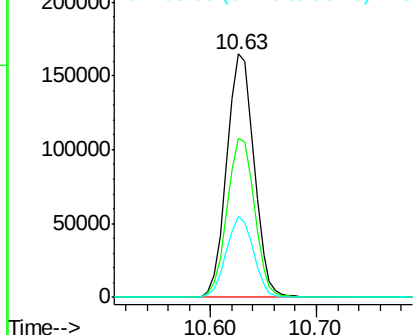
#29
 2,4-Dichlorophenol
 Concen: 58.825 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	33.4	21.1	61.1

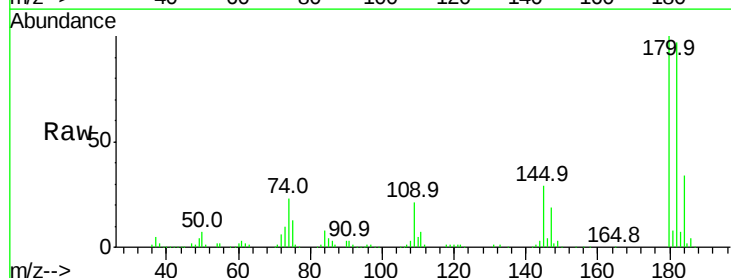


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

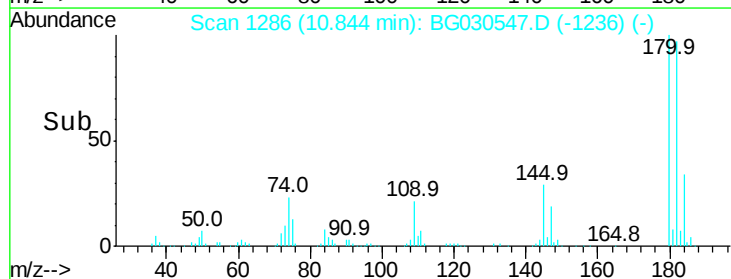
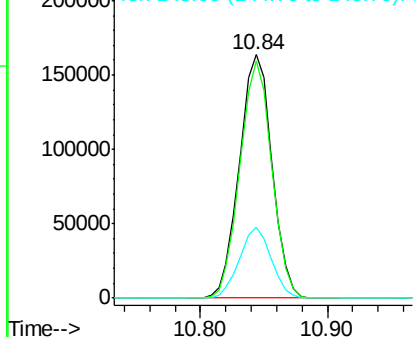


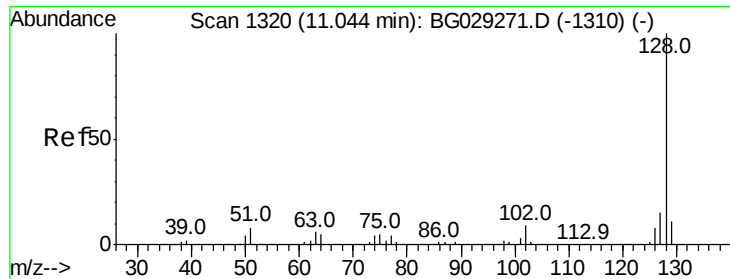
#30
 1,2,4-Trichlorobenzene
 Concen: 53.894 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	77.5	116.3
145	29.2	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

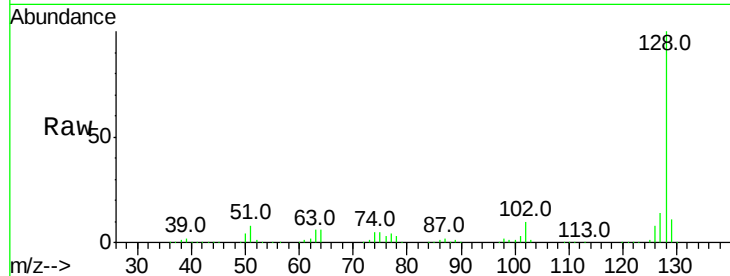




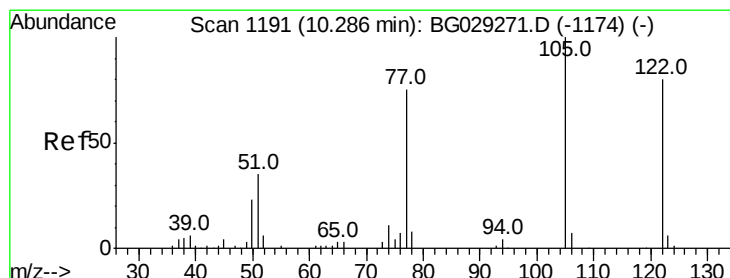
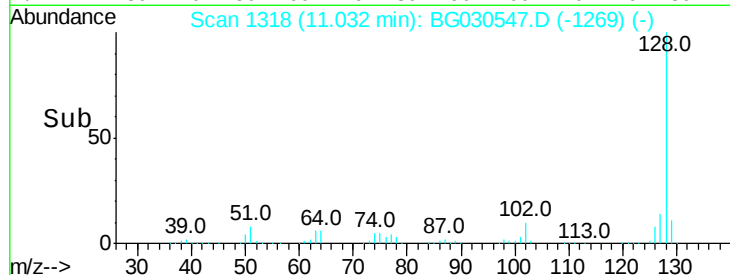
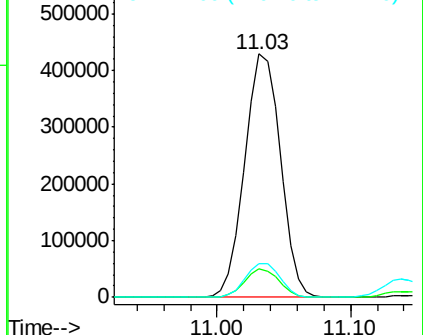
#31
Naphthalene
Concen: 51.981 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 795326
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.0 11.6 17.4

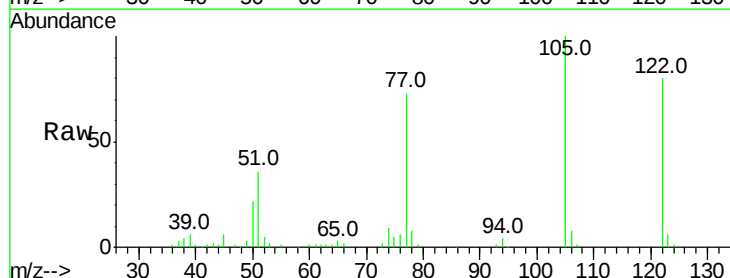


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

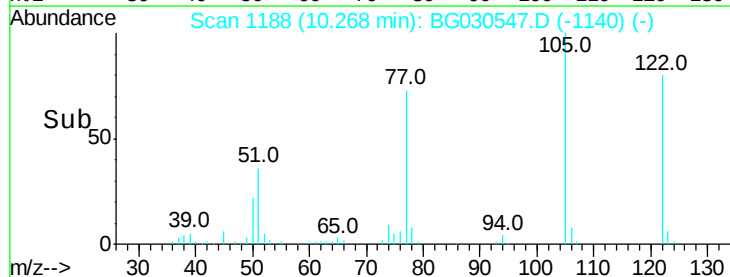
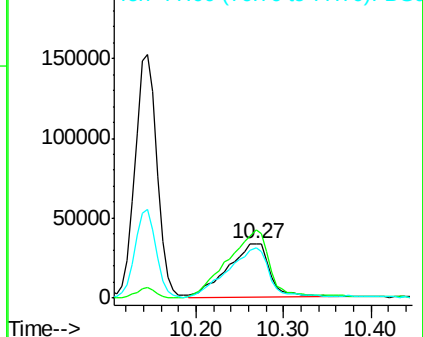


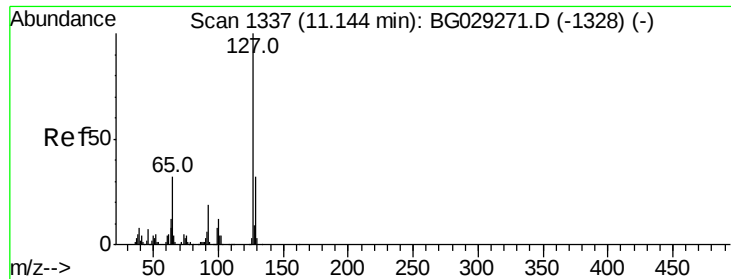
#32
Benzoic acid
Concen: 27.587 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.02 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:122 Resp: 108498
Ion Ratio Lower Upper
122 100
105 125.4 123.5 163.5
77 91.9 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

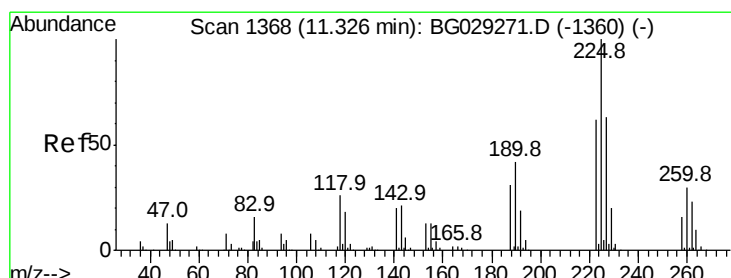
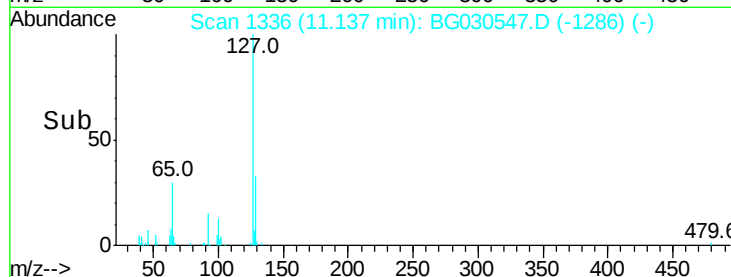
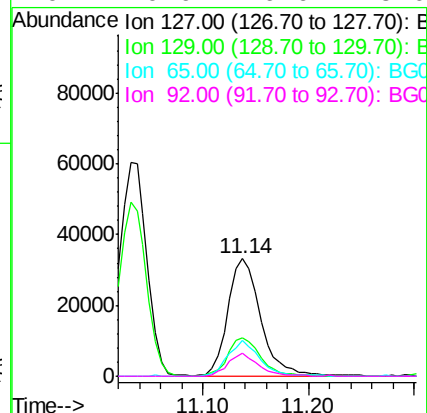
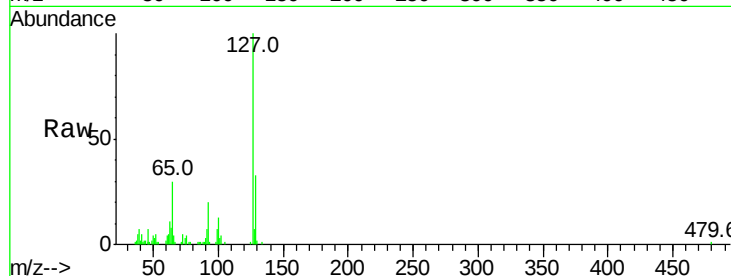




#33
4-Chloroaniline
Concen: 11.171 ng
RT: 11.14 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

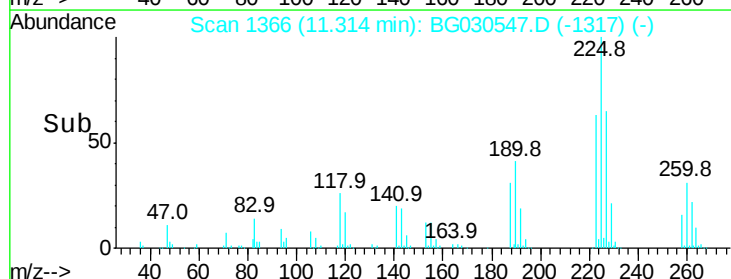
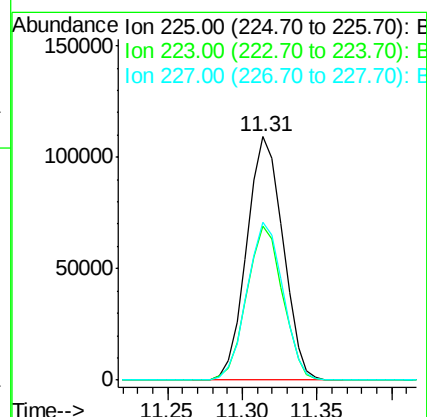
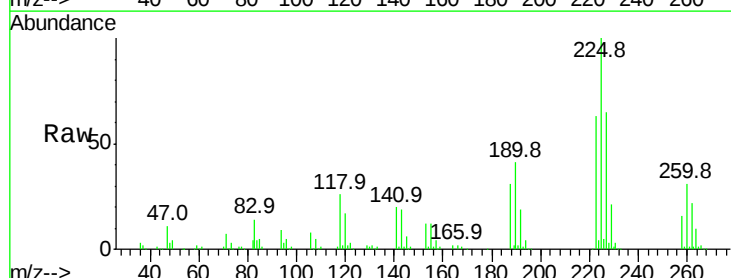
Instrument :
BNA_G
ClientSampled :

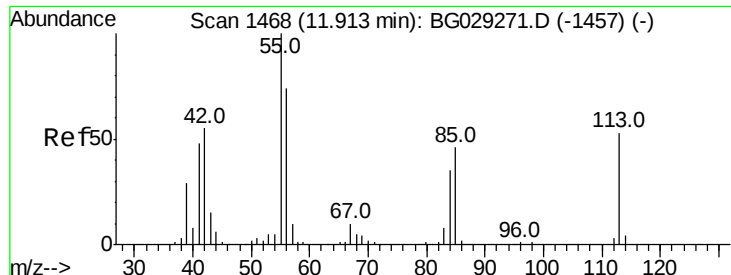
Tot Ion:	127	Resp:	71895
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	30.1	27.0	40.4
92	19.9	16.6	25.0



#34
Hexachlorobutadiene
Concen: 54.527 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:	225	Resp:	183455
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	65.0	48.1	72.1





#35

Caprolactam

Concen: 29.176 ng

RT: 11.91 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

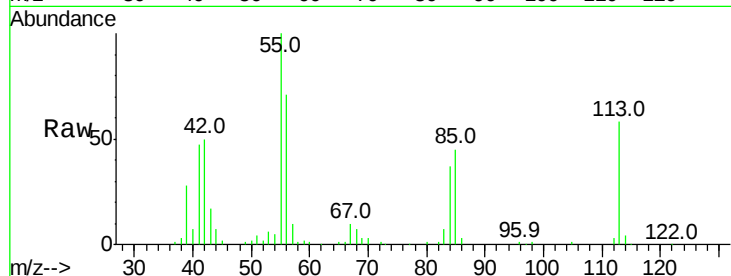
Tot Ion:113 Resp: 48569

Ion Ratio Lower Upper

113 100

55 173.8 186.9 226.9#

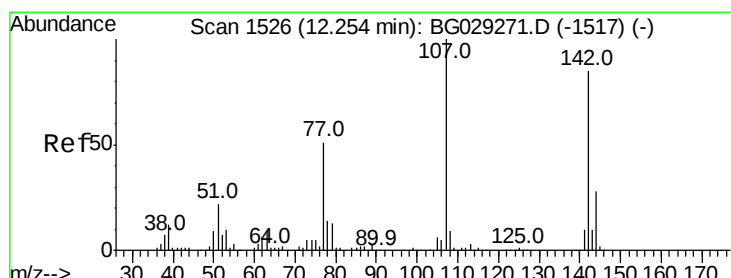
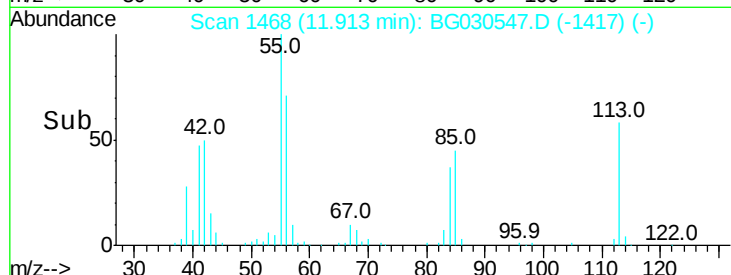
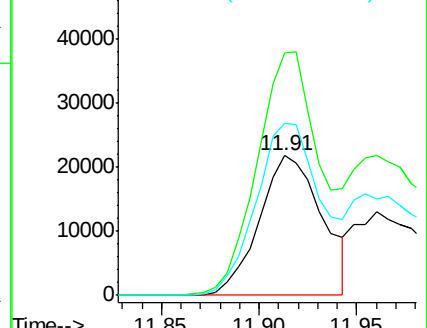
56 123.5 130.9 170.9#



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: 56.618 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

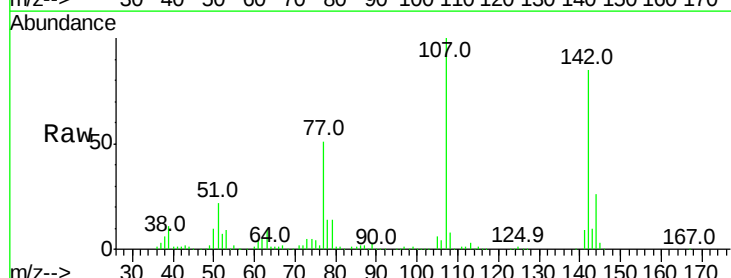
Tgt Ion:107 Resp: 311908

Ion Ratio Lower Upper

107 100

144 26.1 18.2 27.4

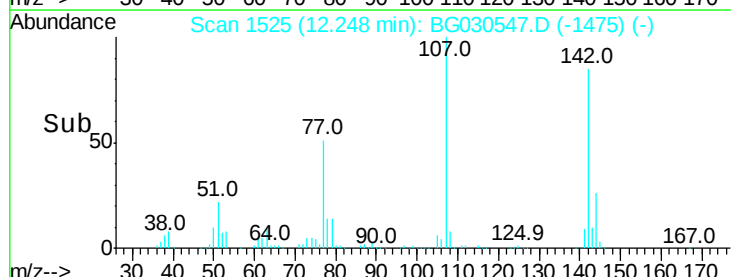
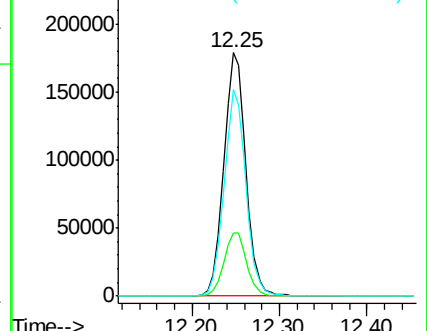
142 84.6 59.0 88.4

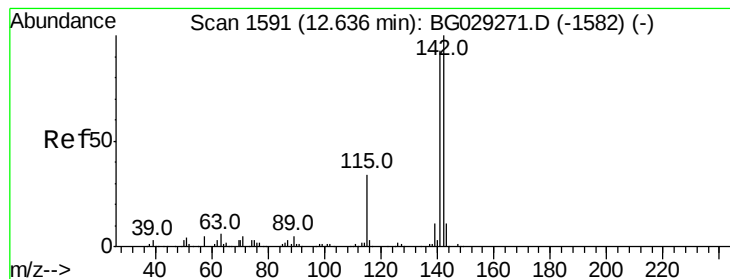


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 55.869 ng

RT: 12.62 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

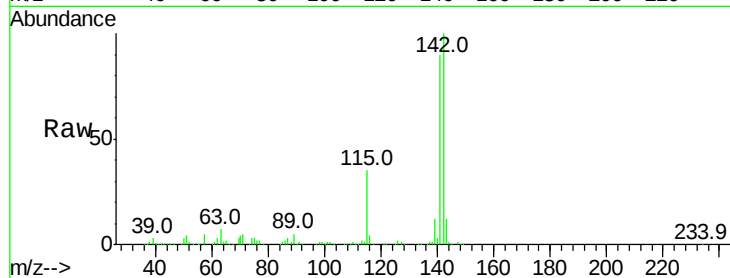
Tot Ion:142 Resp: 623001

Ion Ratio Lower Upper

142 100

141 90.4 67.1 100.7

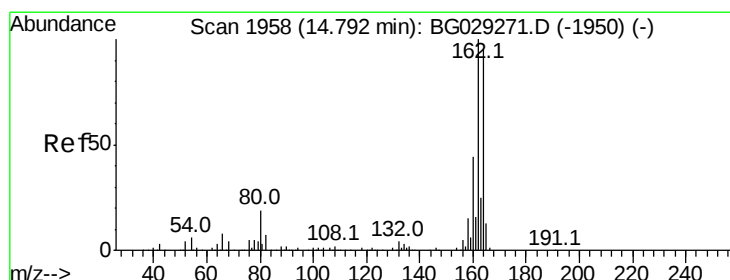
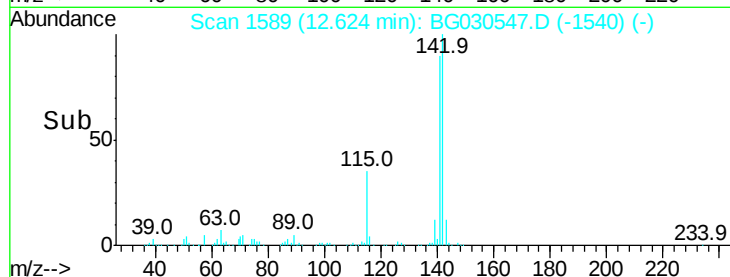
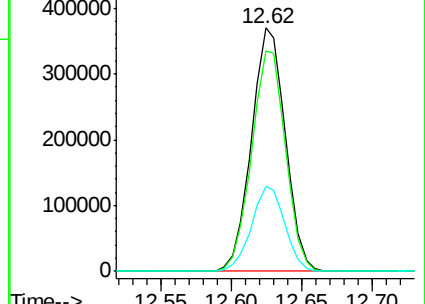
115 35.0 30.7 46.1



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: BG030547.D

Acq: 29 Oct 2017 4:41

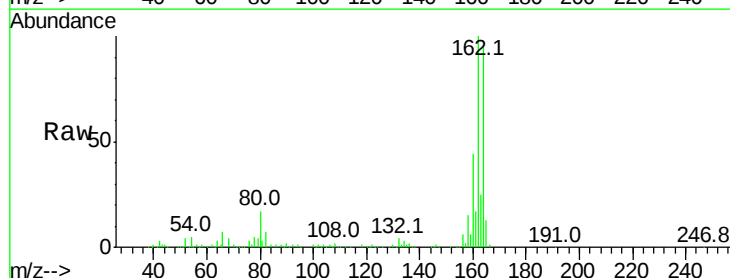
Tgt Ion:164 Resp: 205965

Ion Ratio Lower Upper

164 100

162 104.1 78.8 118.2

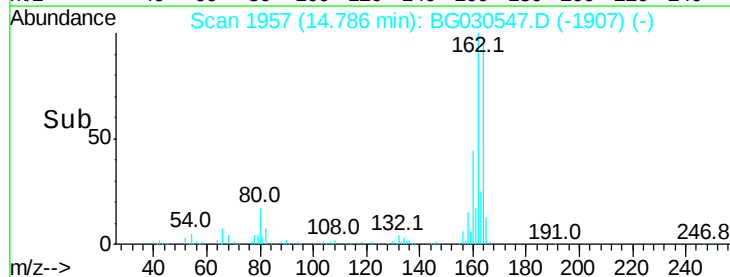
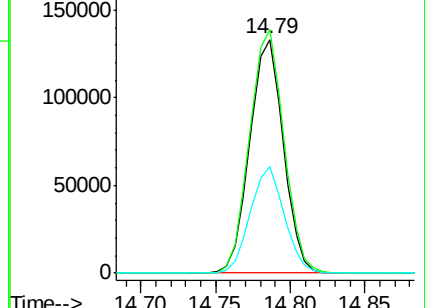
160 45.9 35.4 53.0

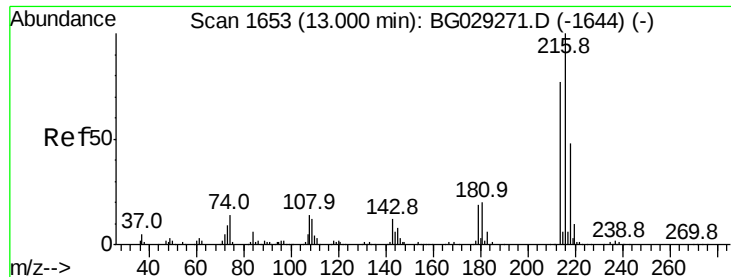


Abundance Ion 164.00 (163.70 to 164.70): E

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: 46.612 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 350516

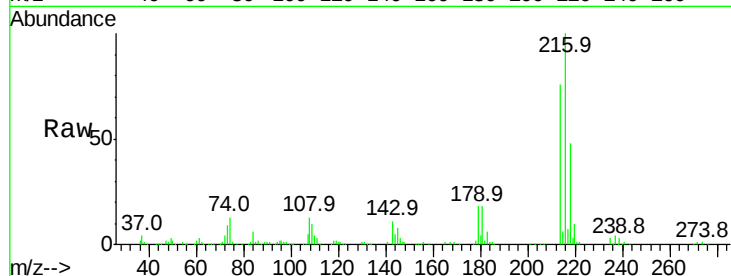
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 19.5 17.0 25.6

108 16.3 12.8 19.2

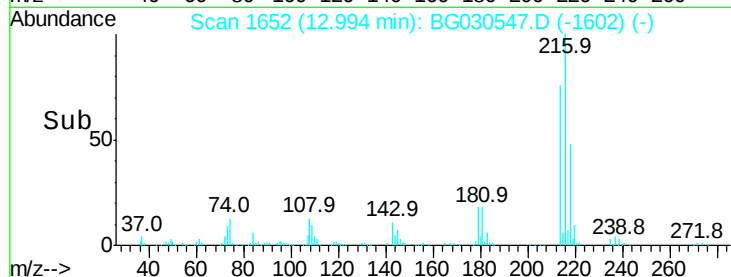


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Abundance

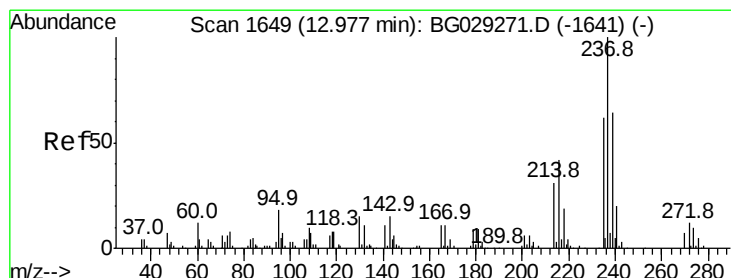
12.99

200000

100000

0

Time-->



#40

Hexachlorocyclopentadiene

Concen: 129.869 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

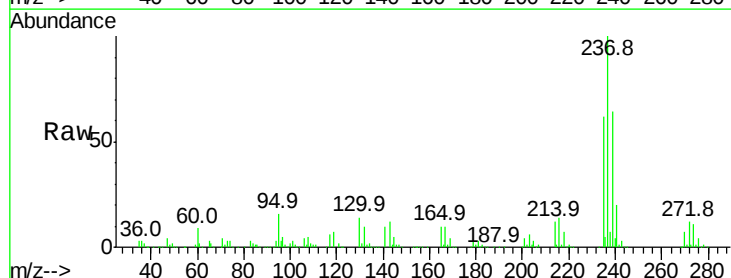
Tgt Ion:237 Resp: 378739

Ion Ratio Lower Upper

237 100

235 62.4 50.4 90.4

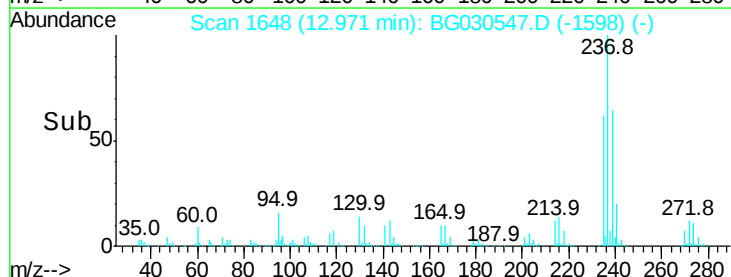
272 12.5 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Abundance

12.97

250000

200000

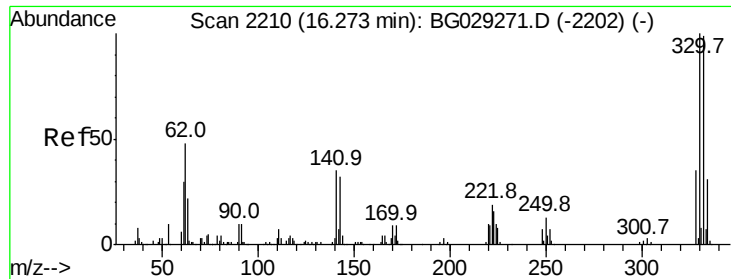
150000

100000

50000

0

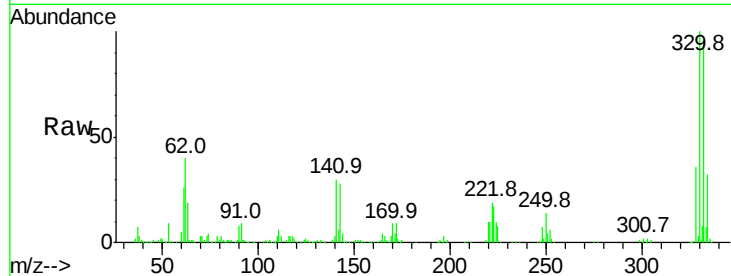
Time-->



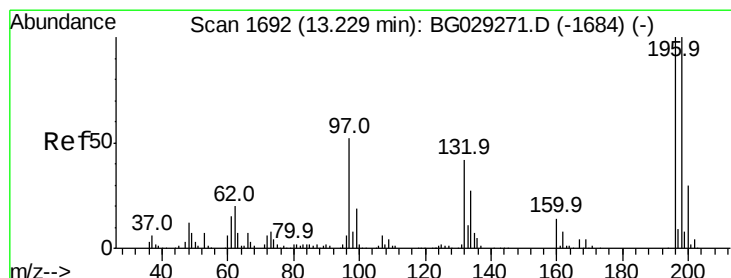
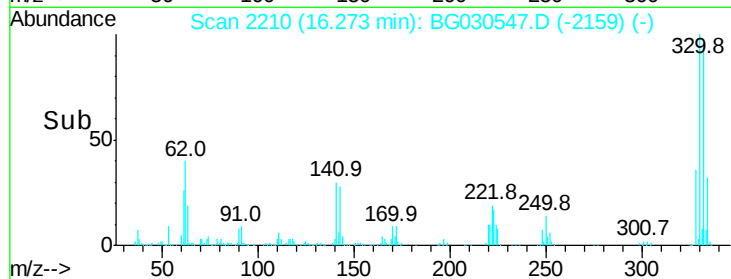
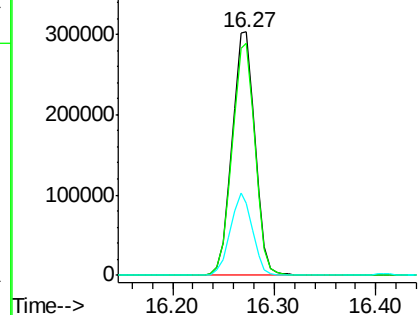
#41
 2,4,6-Tribromophenol
 Concen: 178.615 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.0	115.6
141	32.8	25.2	37.8

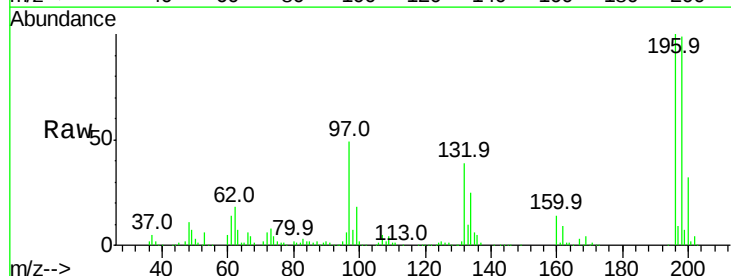


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

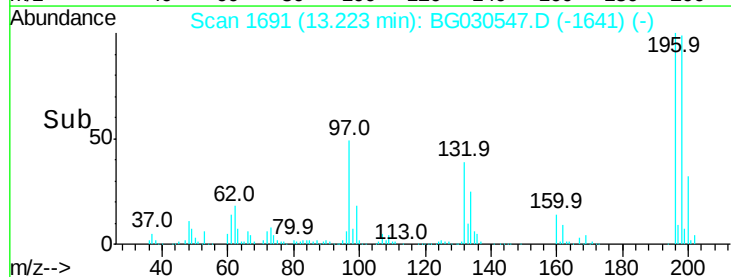
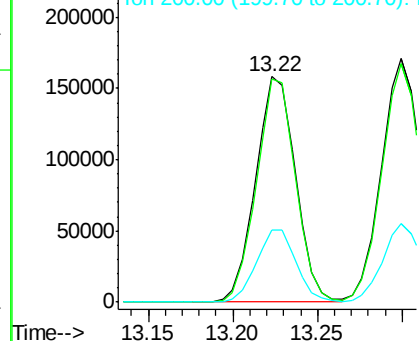


#42
 2,4,6-Trichlorophenol
 Concen: 55.158 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.2	78.2	117.2
200	32.1	24.6	36.8



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

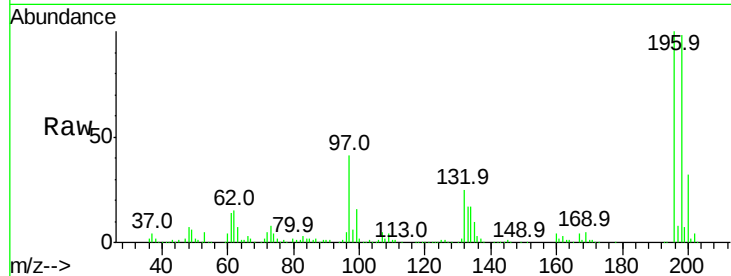




#43
 2,4,5-Trichlorophenol
 Concen: 58.536 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	98.1	76.2	114.4
97	41.3	38.7	58.1
132	25.3	20.2	30.2



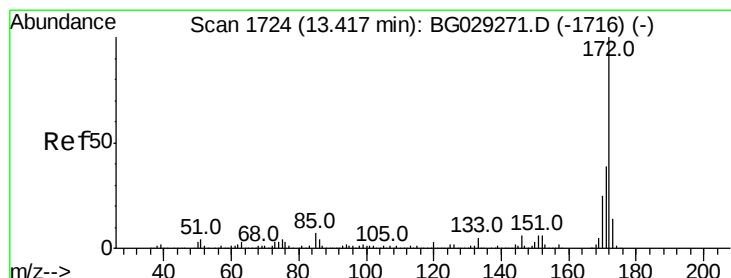
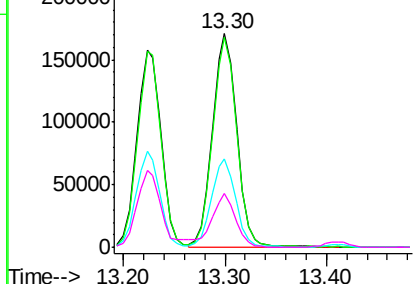
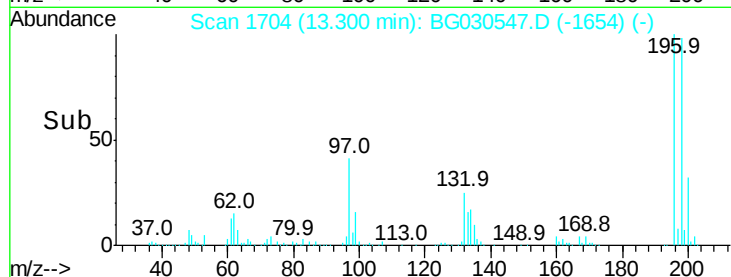
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

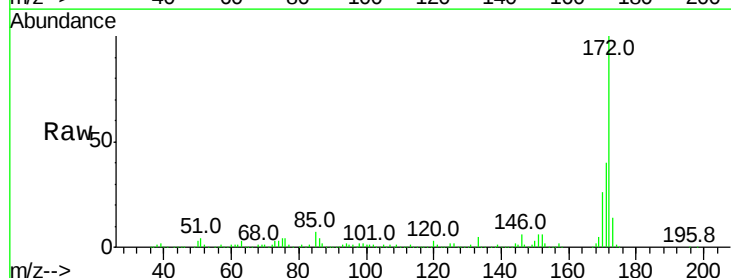
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 98.621 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	40.0	30.0	45.0
170	26.1	19.5	29.3

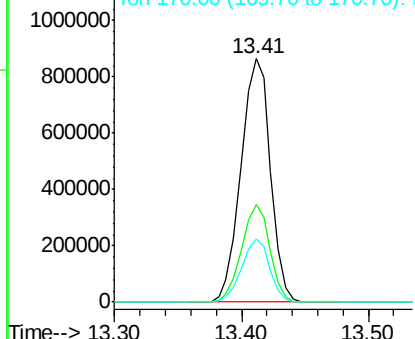
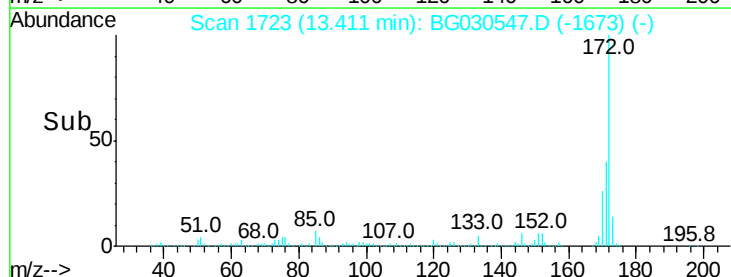


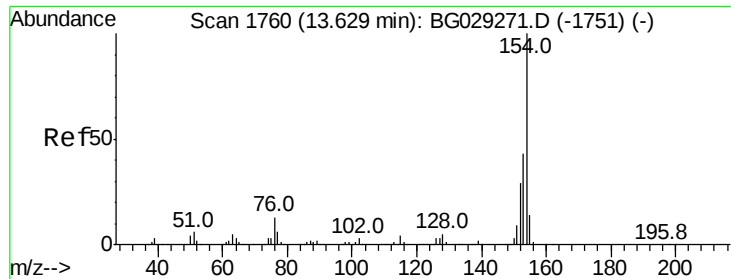
Abundance

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: 47.498 ng

RT: 13.62 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

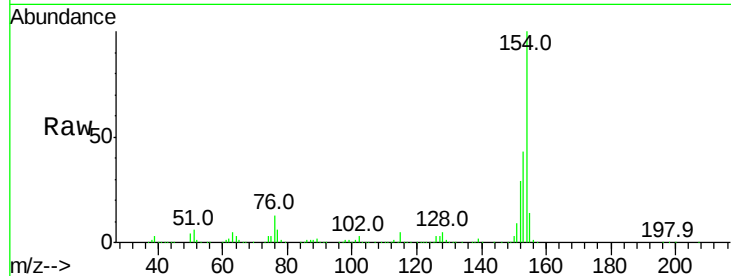
Tot Ion:154 Resp: 840874

Ion Ratio Lower Upper

154 100

153 42.8 19.8 59.8

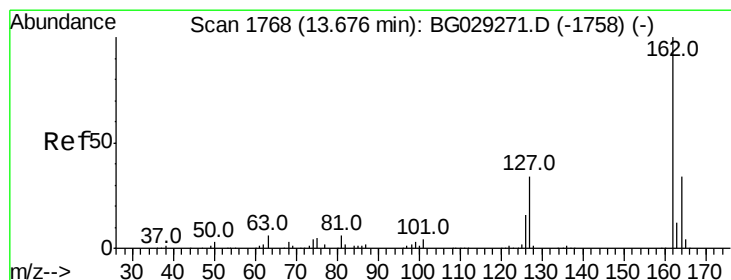
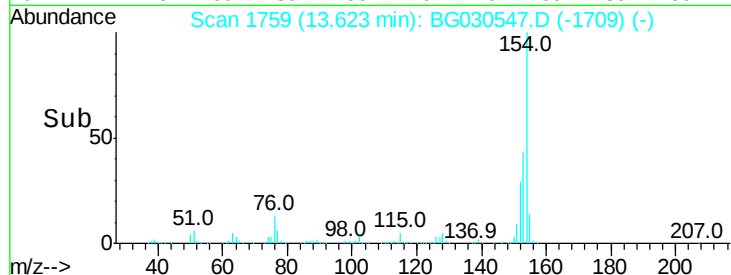
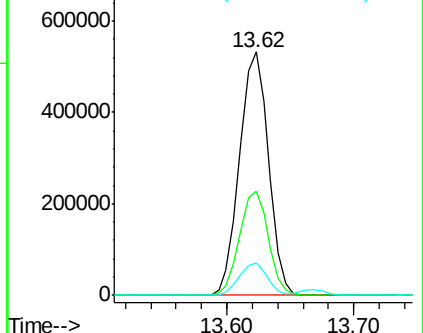
76 13.1 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): E



#46

2-Chloronaphthalene

Concen: 50.876 ng

RT: 13.67 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

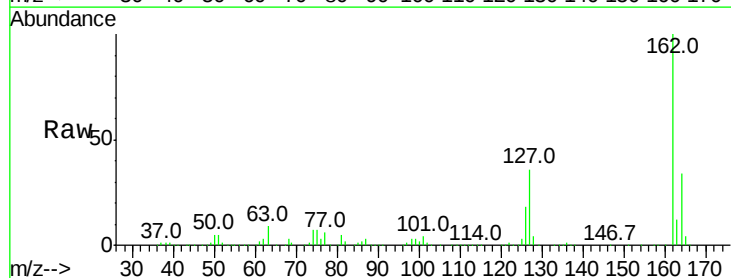
Tgt Ion:162 Resp: 656972

Ion Ratio Lower Upper

162 100

127 36.2 30.7 46.1

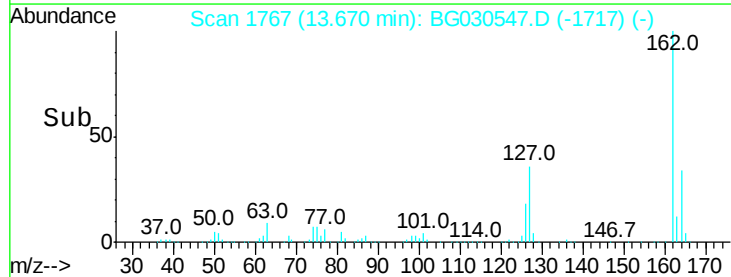
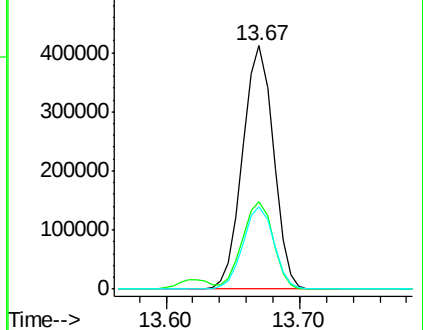
164 33.9 26.0 39.0

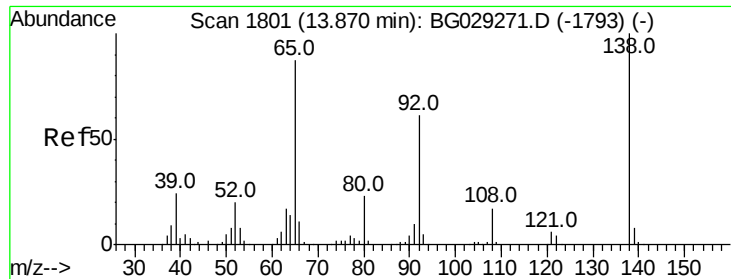


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 59.769 ng

RT: 13.86 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

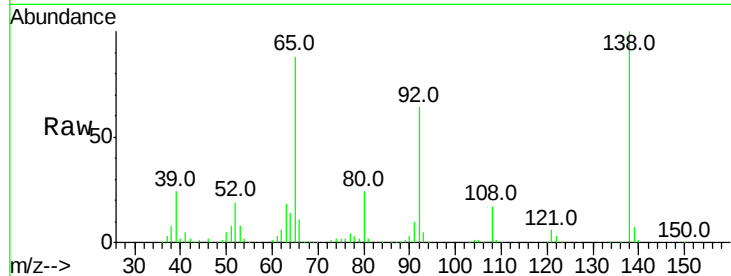
Tot Ion: 65 Resp: 211993

Ion Ratio Lower Upper

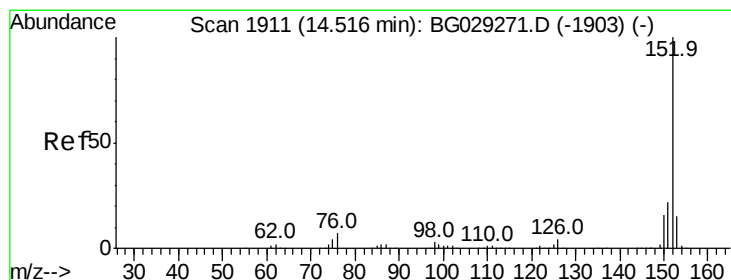
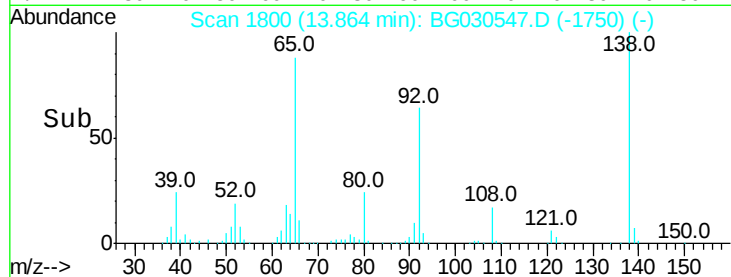
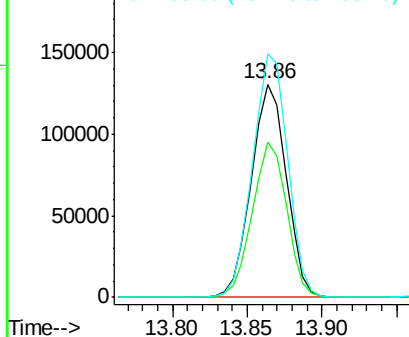
65 100

92 72.7 54.6 82.0

138 114.3 72.9 109.3#



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



#48

Acenaphthylene

Concen: 51.738 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

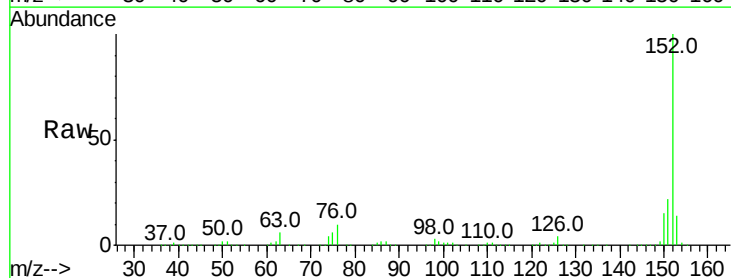
Tgt Ion: 152 Resp: 1045595

Ion Ratio Lower Upper

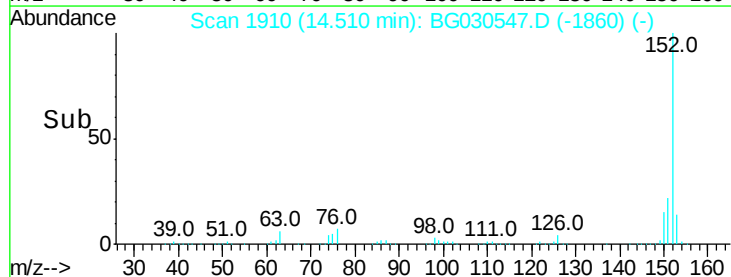
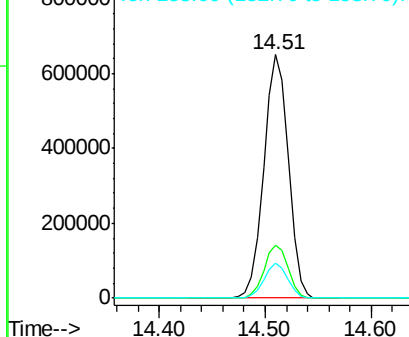
152 100

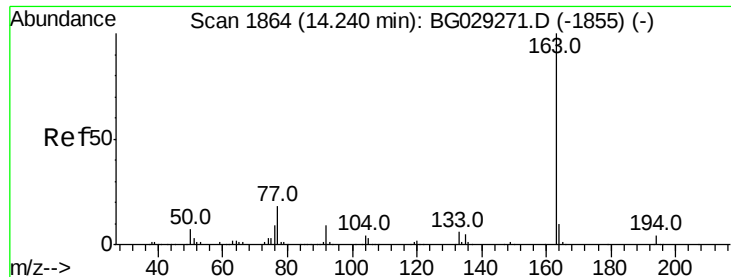
151 21.9 17.2 25.8

153 14.5 10.2 15.4



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





#49

Dimethylphthalate

Concen: 60.583 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

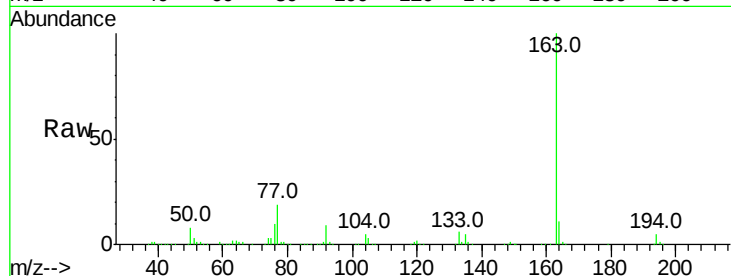
Tot Ion:163 Resp: 973570

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

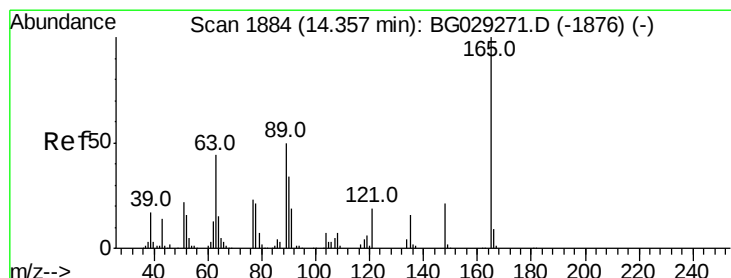
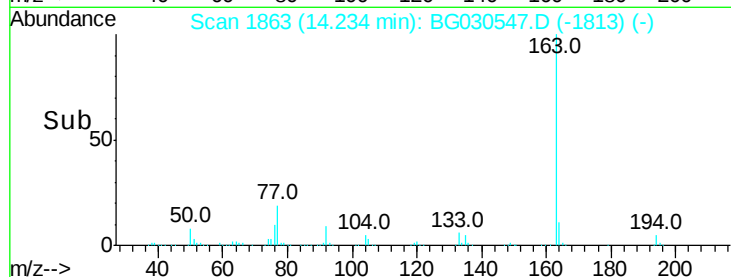
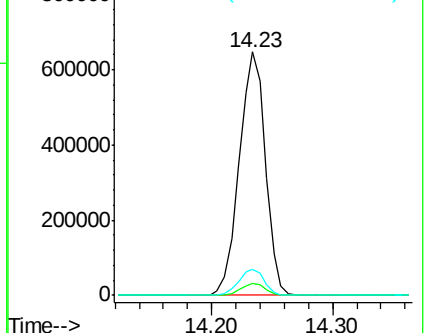
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 61.368 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

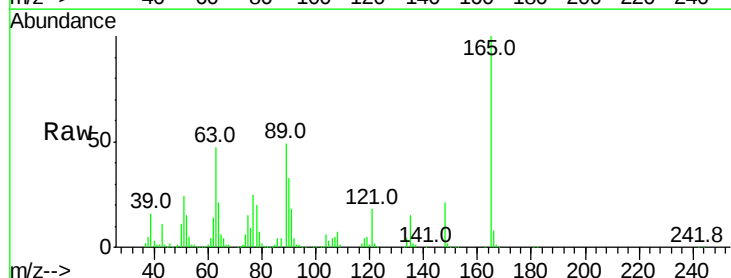
Tgt Ion:165 Resp: 206735

Ion Ratio Lower Upper

165 100

63 46.5 52.7 79.1#

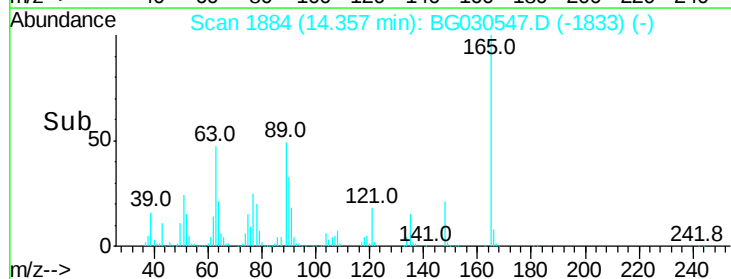
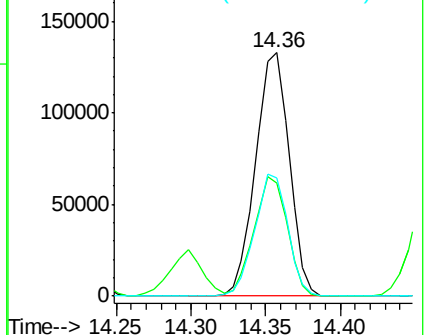
89 48.7 49.2 73.8#

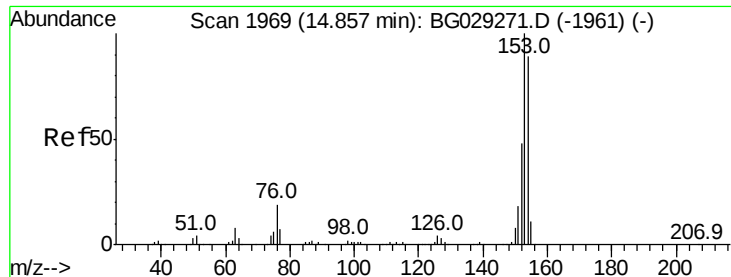


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 49.632 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

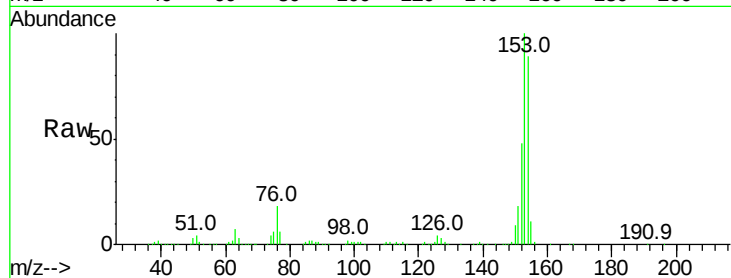
Tot Ion:154 Resp: 652616

Ion Ratio Lower Upper

154 100

153 112.4 90.4 135.6

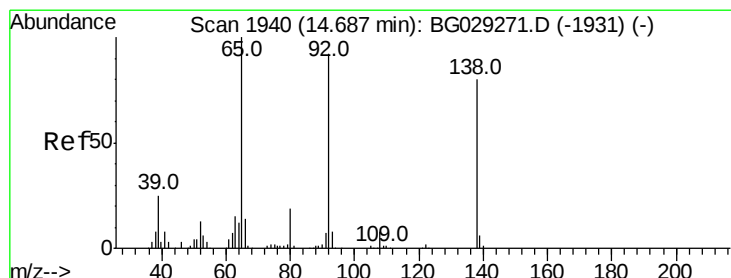
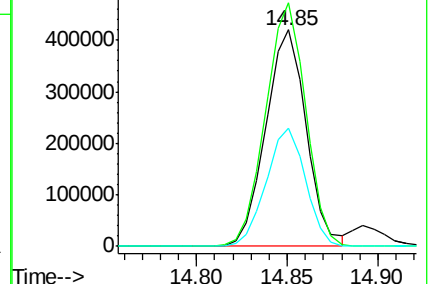
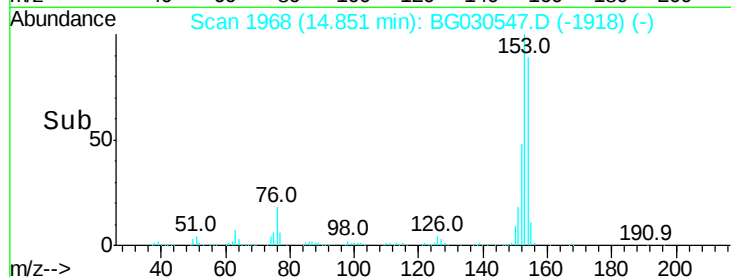
152 54.5 41.6 62.4



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: 33.722 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

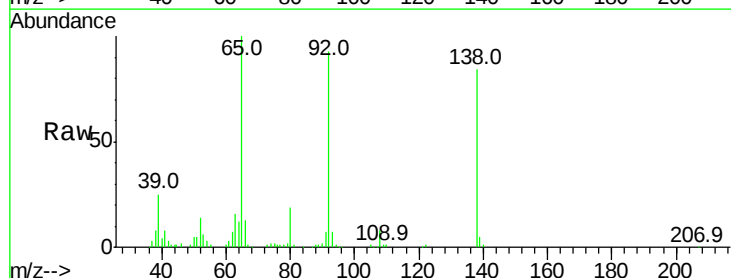
Tgt Ion:138 Resp: 122583

Ion Ratio Lower Upper

138 100

108 9.9 17.5 26.3#

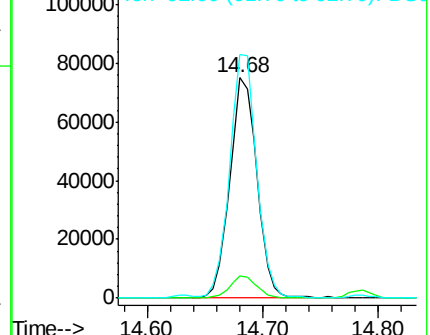
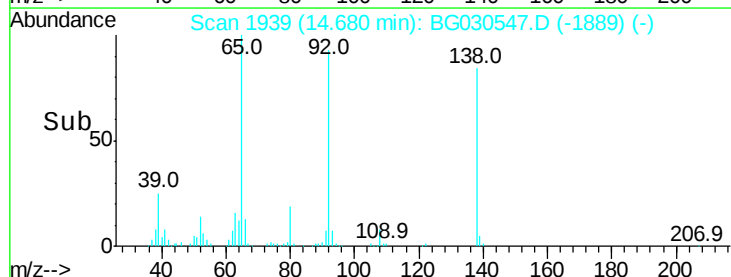
92 110.4 105.8 158.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

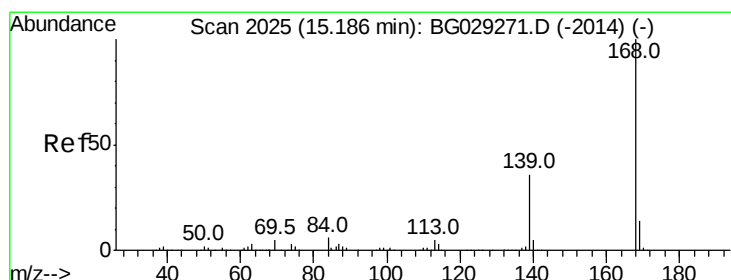
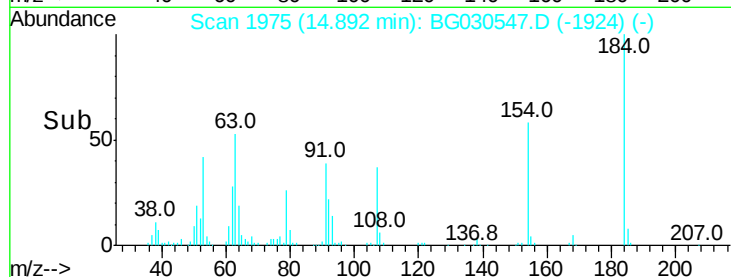
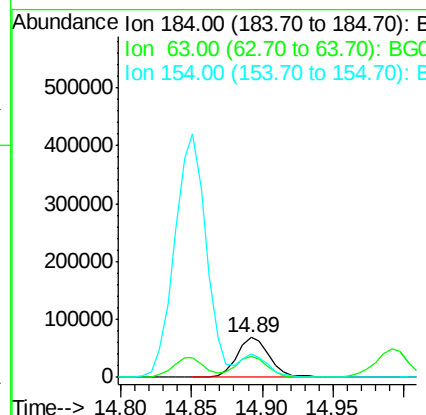
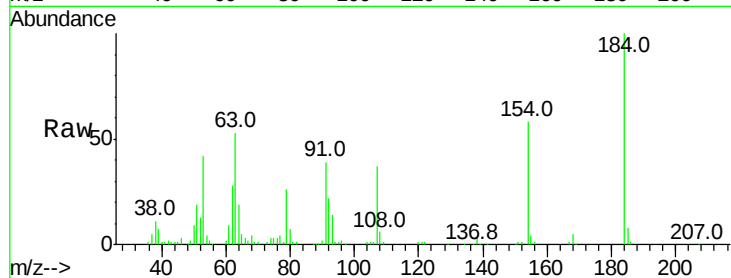




#53
 2,4-Dinitrophenol
 Concen: 61.054 ng
 RT: 14.89 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

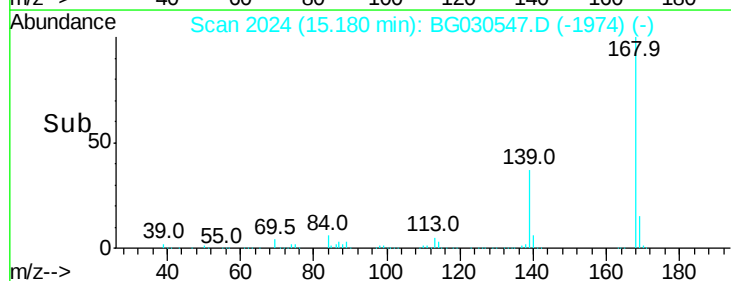
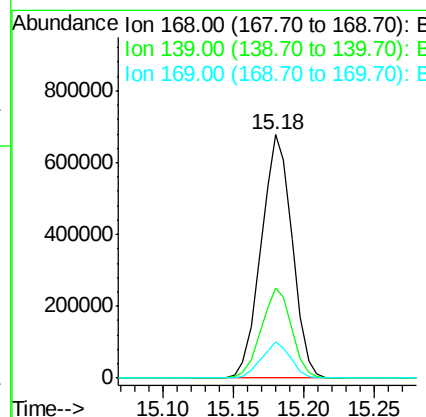
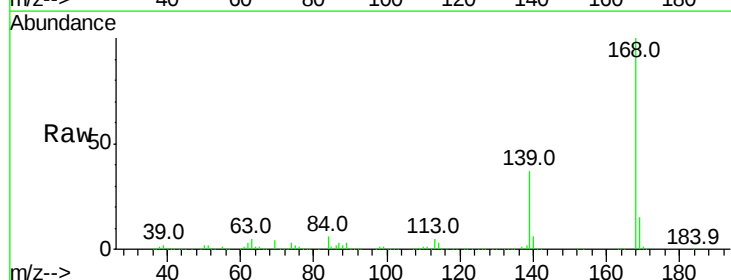
Instrument :
 BNA_G
 ClientSampleId :

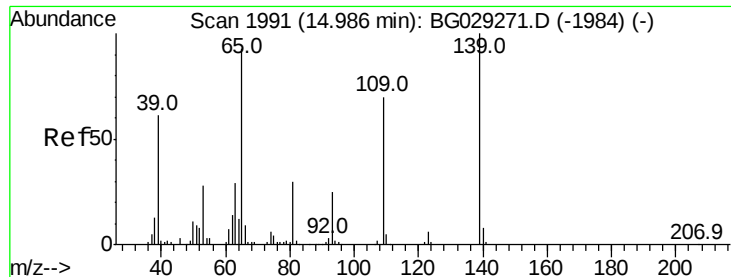
Tot Ion:184 Resp: 110083
 Ion Ratio Lower Upper
 184 100
 63 52.8 59.8 89.8#
 154 57.7 101.8 152.8#



#54
 Dibenzofuran
 Concen: 55.716 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:168 Resp: 1045863
 Ion Ratio Lower Upper
 168 100
 139 36.9 28.6 43.0
 169 14.7 11.2 16.8





#55

4-Nitrophenol

Concen: 101.071 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

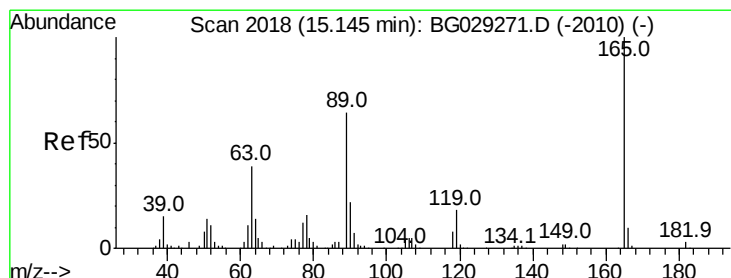
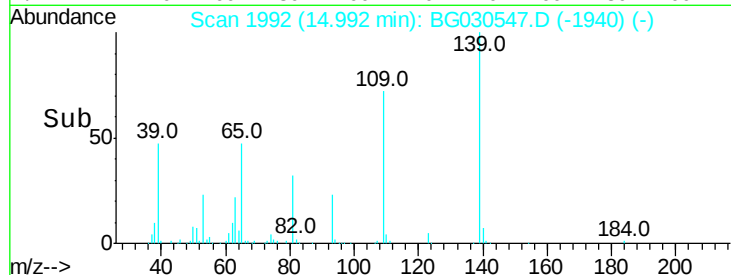
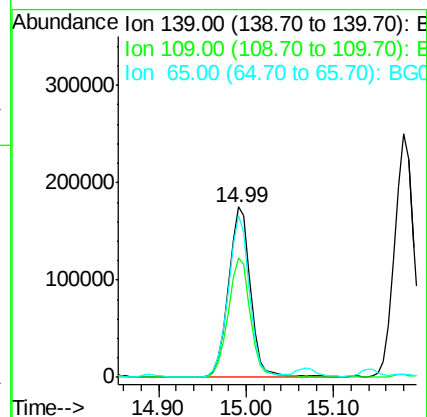
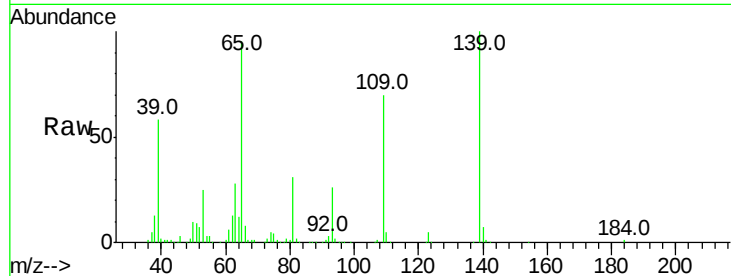
Tot Ion:139 Resp: 302900

Ion Ratio Lower Upper

139 100

109 69.9 62.2 102.2

65 94.9 97.2 137.2#



#56

2,4-Dinitrotoluene

Concen: 64.009 ng

RT: 15.14 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:165 Resp: 291901

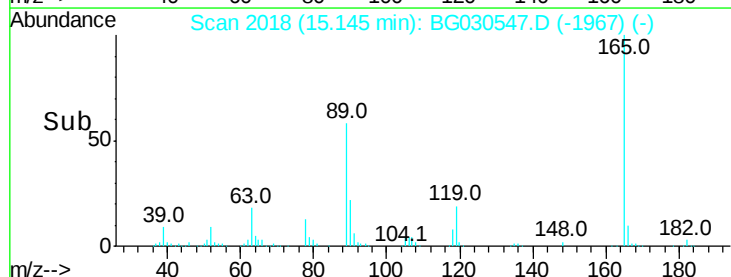
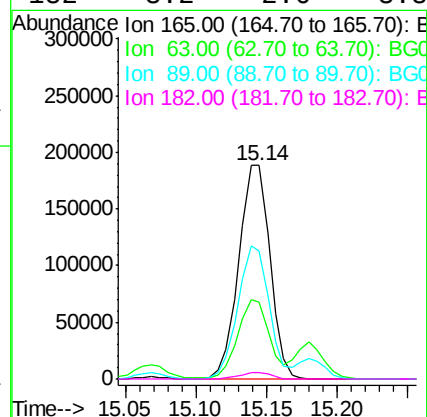
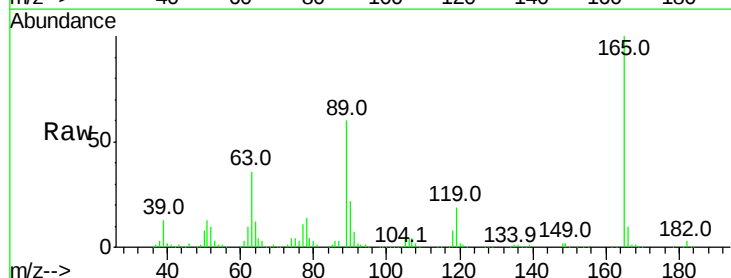
Ion Ratio Lower Upper

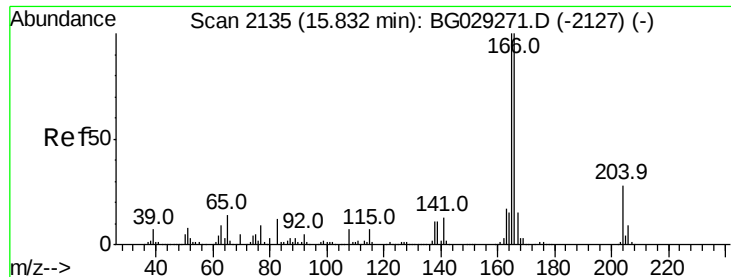
165 100

63 36.1 42.0 63.0#

89 60.1 66.9 100.3#

182 3.2 2.6 3.8





#57

Fluorene

Concen: 53.547 ng

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

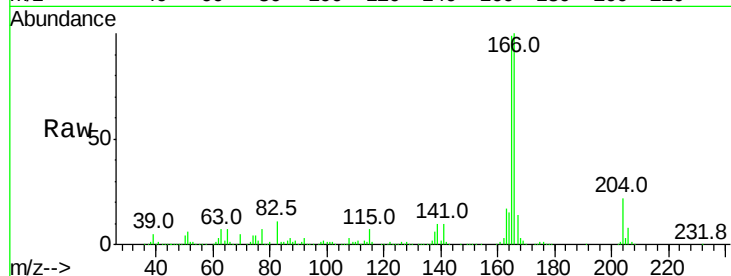
Tot Ion:166 Resp: 830340

Ion Ratio Lower Upper

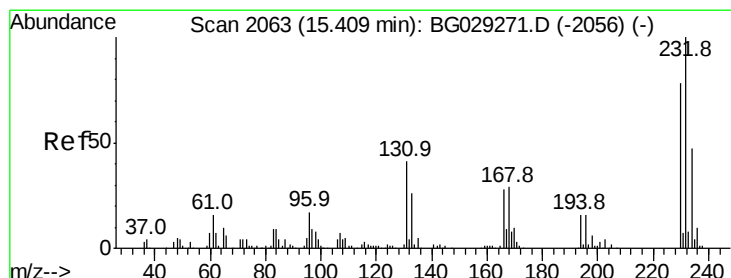
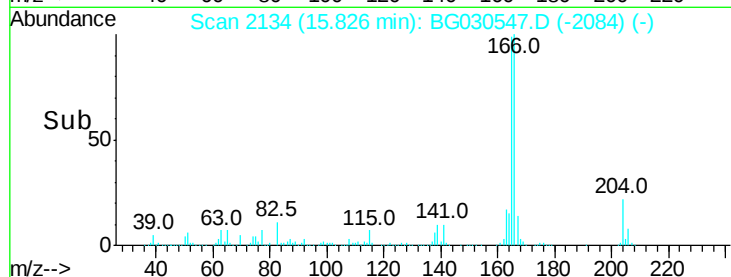
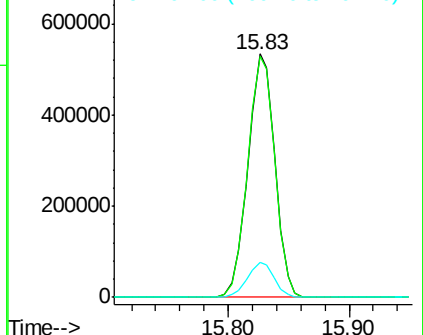
166 100

165 99.1 80.6 121.0

167 14.5 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 67.029 ng

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Tgt Ion:232 Resp: 271109

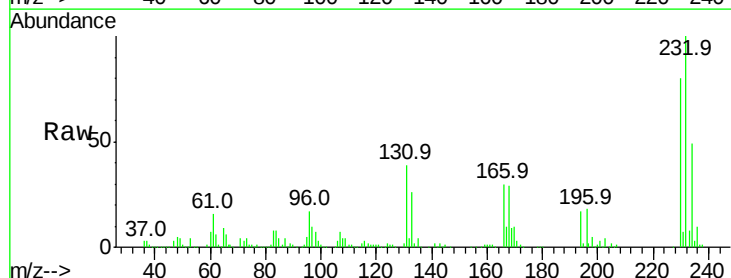
Ion Ratio Lower Upper

232 100

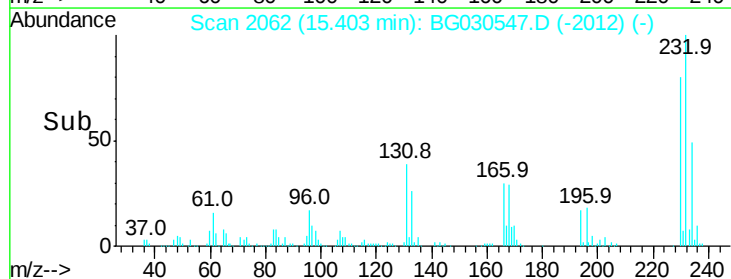
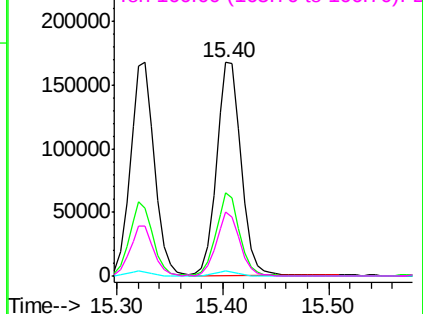
131 37.4 33.5 50.3

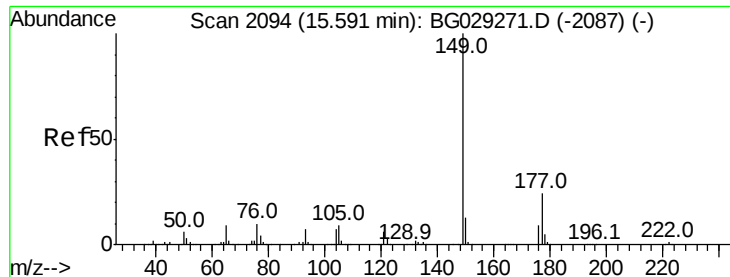
130 2.2 2.2 3.2

166 28.6 24.8 37.2



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

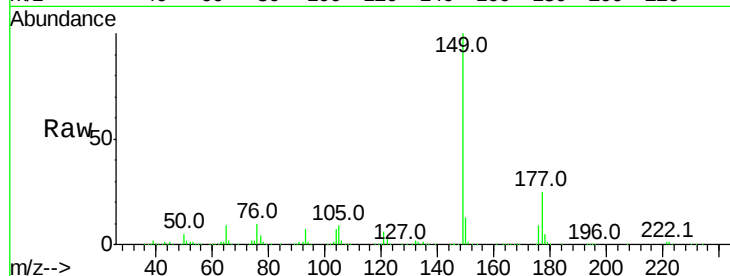




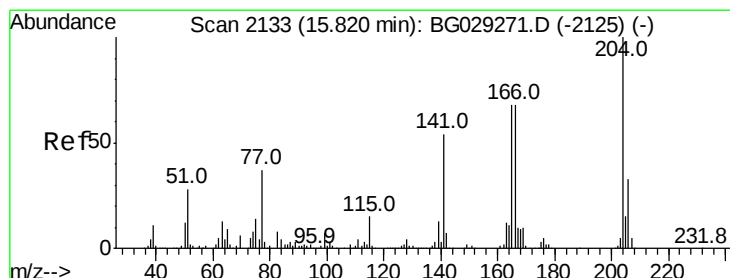
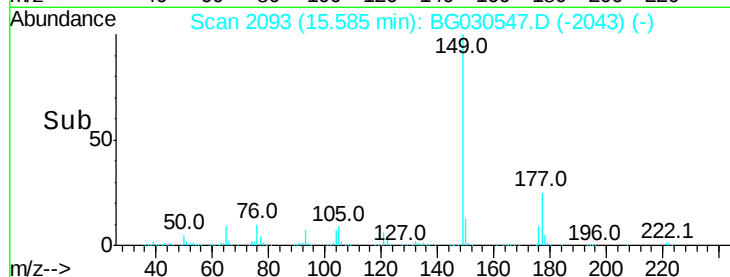
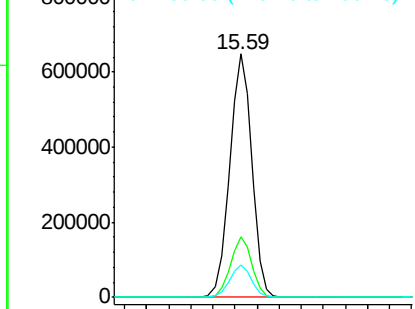
#59
Diethylphthalate
Concen: 56.432 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 903771
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 13.3 10.2 15.2

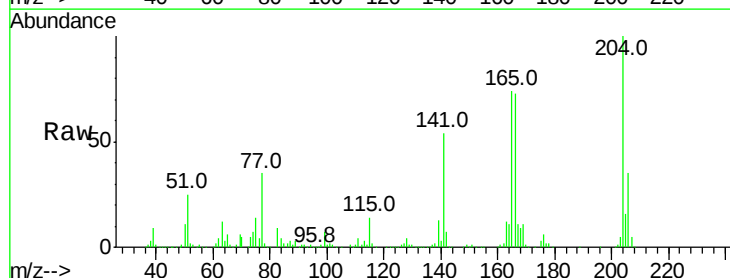


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

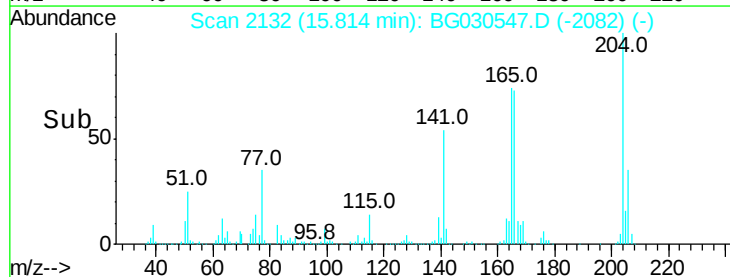
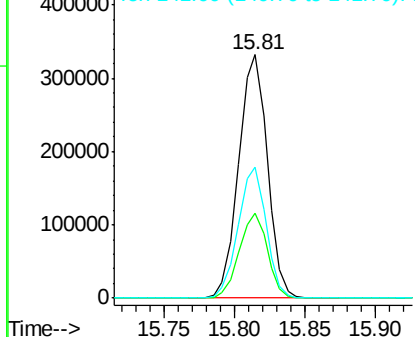


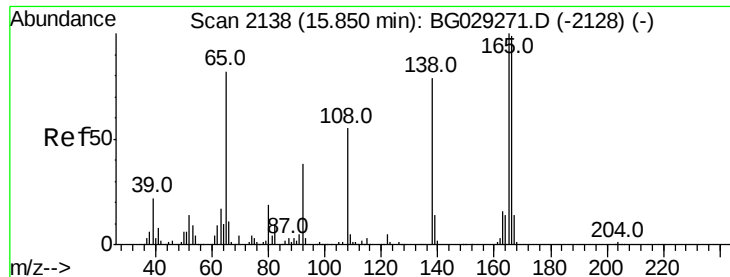
#60
4-Chlorophenyl-phenylether
Concen: 57.098 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:204 Resp: 472074
Ion Ratio Lower Upper
204 100
206 34.7 26.2 39.2
141 53.8 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

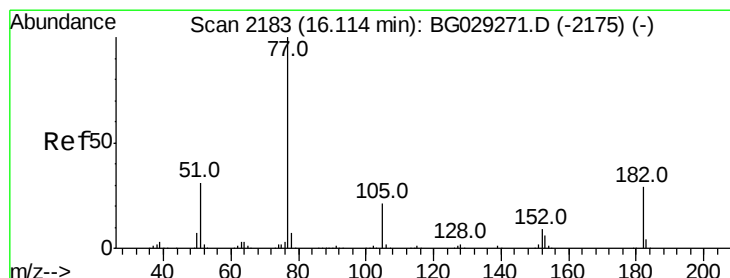
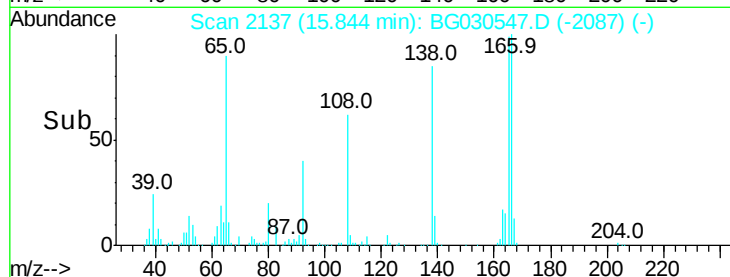
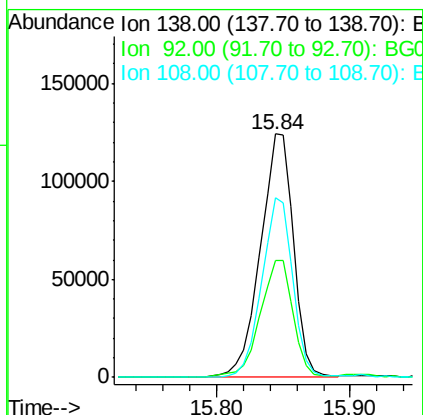
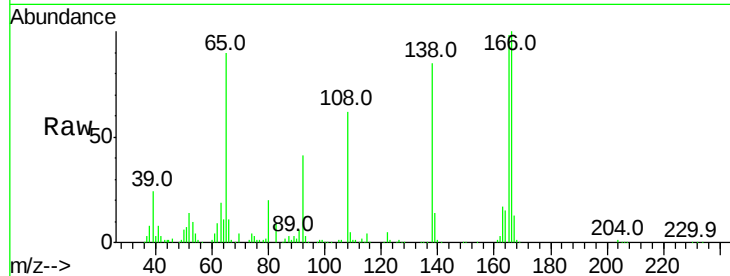




#61
4-Nitroaniline
Concen: 57.171 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

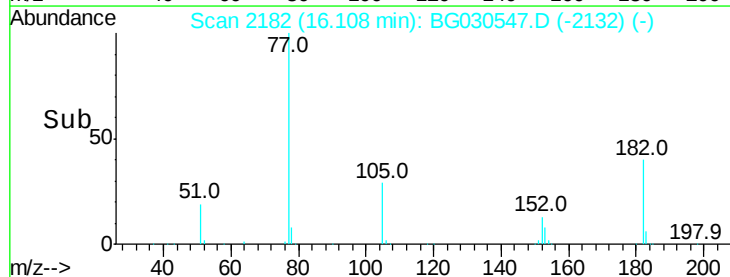
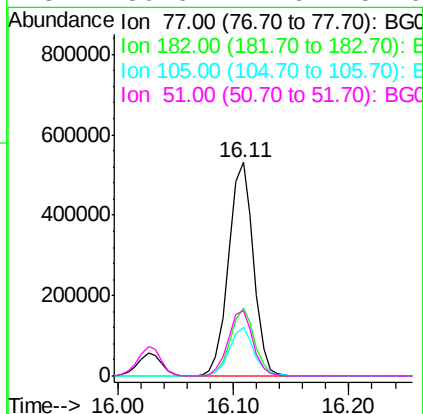
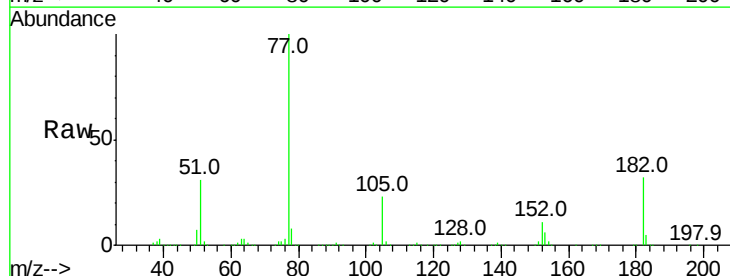
Instrument :
BNA_G
ClientSampleId :

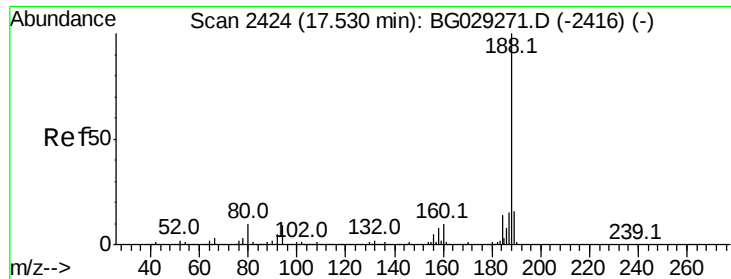
Tot Ion:138 Resp: 213401
Ion Ratio Lower Upper
138 100
92 48.0 40.1 80.1
108 73.5 65.4 105.4



#62
Azobenzene
Concen: 58.372 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion: 77 Resp: 788320
Ion Ratio Lower Upper
77 100
182 31.7 7.4 47.4
105 22.6 0.3 40.3
51 30.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

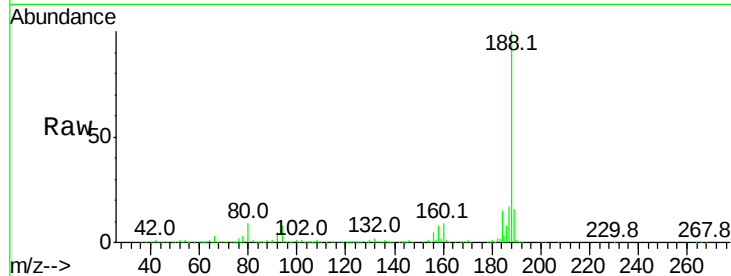
Tot Ion:188 Resp: 497004

Ion Ratio Lower Upper

188 100

94 7.6 6.9 10.3

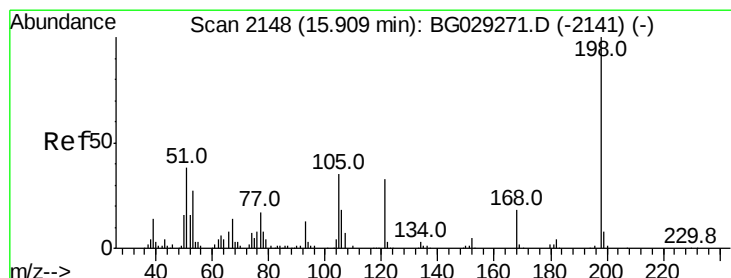
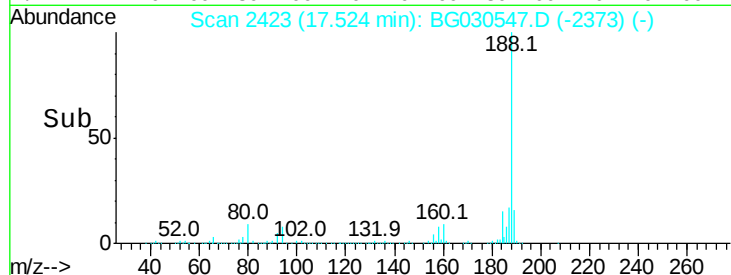
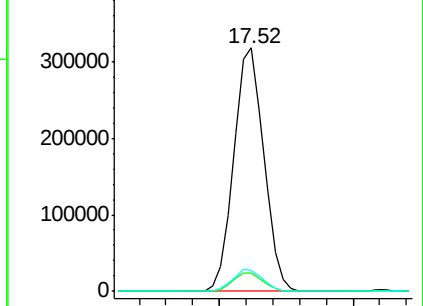
80 8.6 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 41.637 ng

RT: 15.90 min Scan# 2147

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

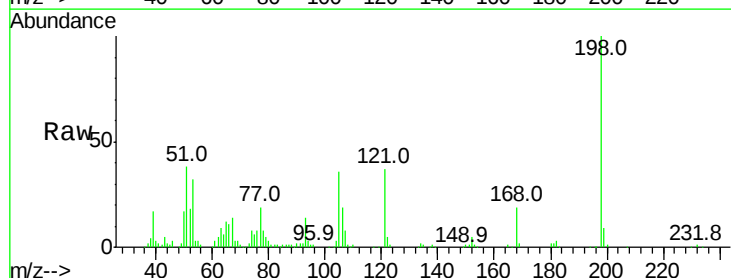
Tgt Ion:198 Resp: 115587

Ion Ratio Lower Upper

198 100

51 37.8 30.6 70.6

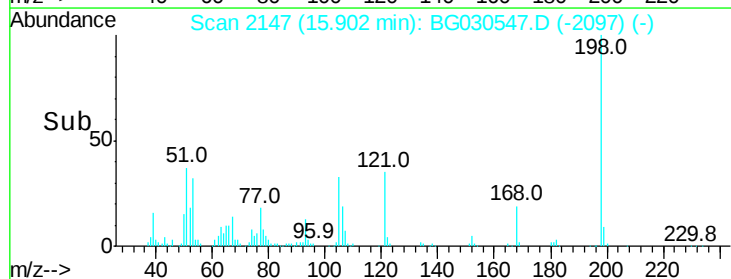
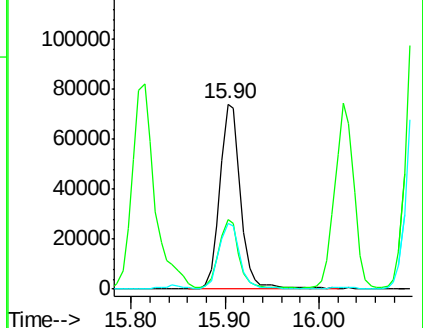
105 35.6 23.8 63.8

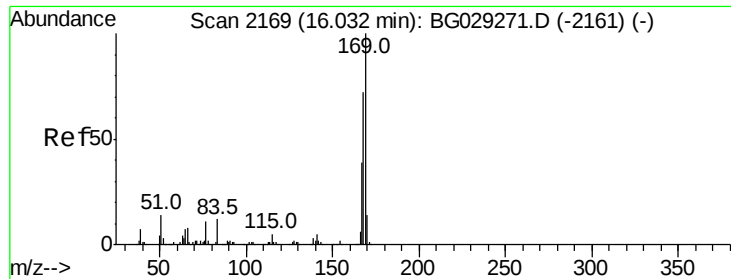


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

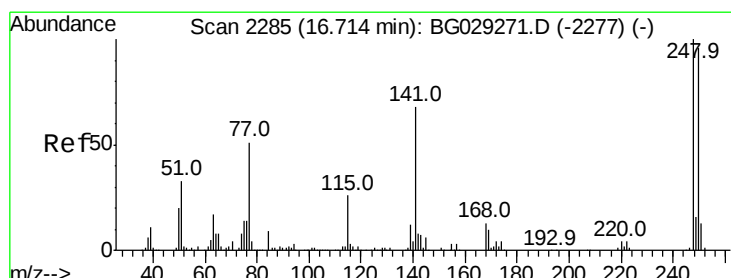
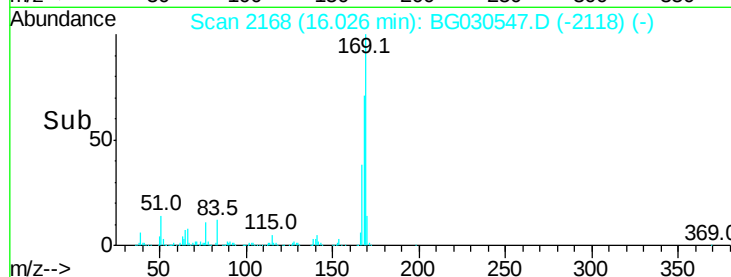
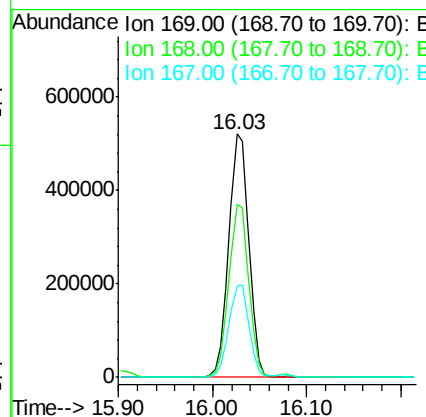
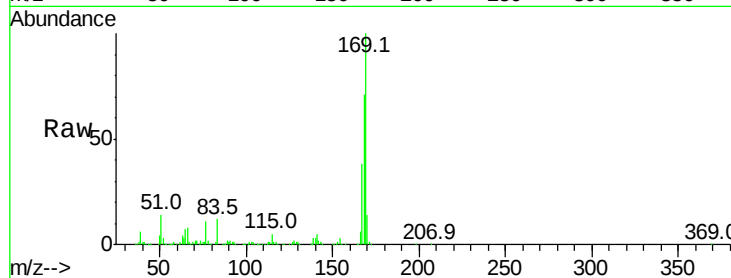




#65
 n-Nitrosodiphenylamine
 Concen: 51.960 ng
 RT: 16.03 min Scan# 2168
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

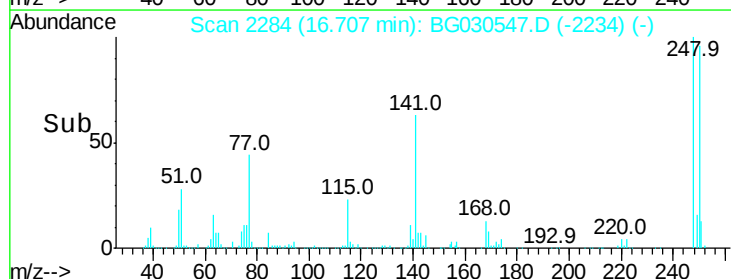
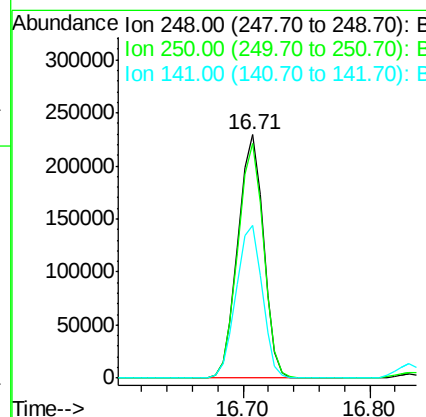
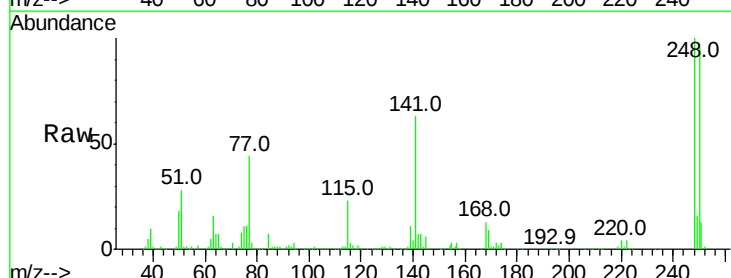
Instrument :
 BNA_G
 ClientSampleId :

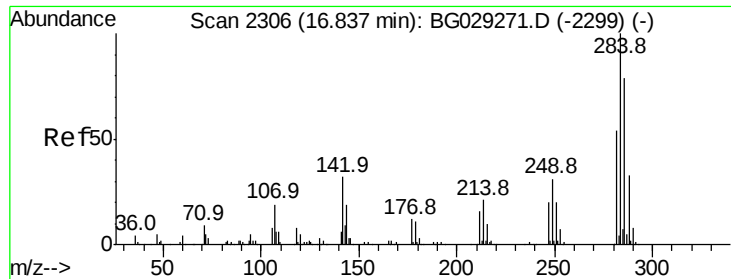
Tot Ion:169 Resp: 773591
 Ion Ratio Lower Upper
 169 100
 168 70.9 55.7 83.5
 167 37.7 30.1 45.1



#66
 4-Bromophenyl-phenylether
 Concen: 55.961 ng
 RT: 16.71 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:248 Resp: 319146
 Ion Ratio Lower Upper
 248 100
 250 96.2 77.1 115.7
 141 62.8 50.8 76.2





#67

Hexachlorobenzene

Concen: 52.353 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

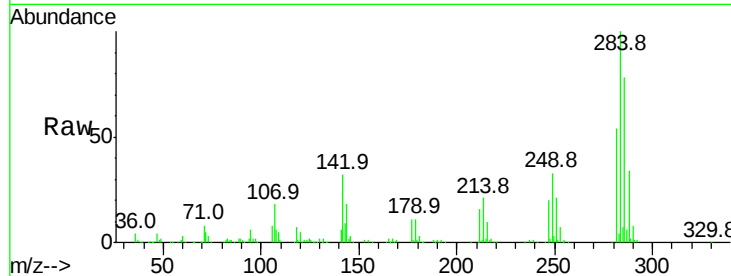
Tot Ion:284 Resp: 338196

Ion Ratio Lower Upper

284 100

142 32.1 26.8 40.2

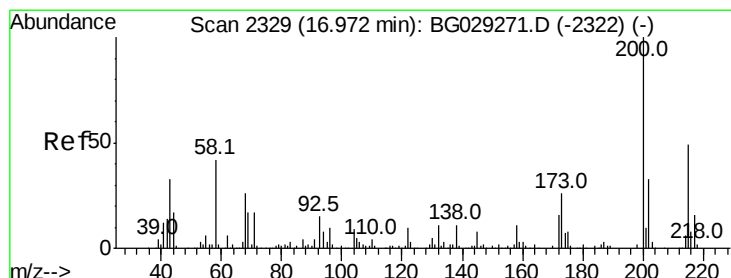
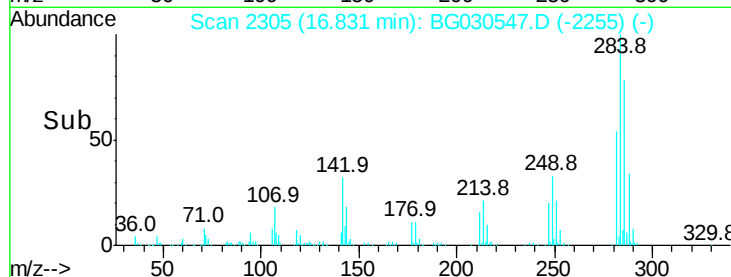
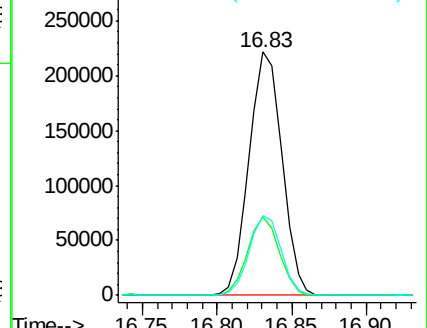
249 32.8 26.3 39.5



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: 57.873 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

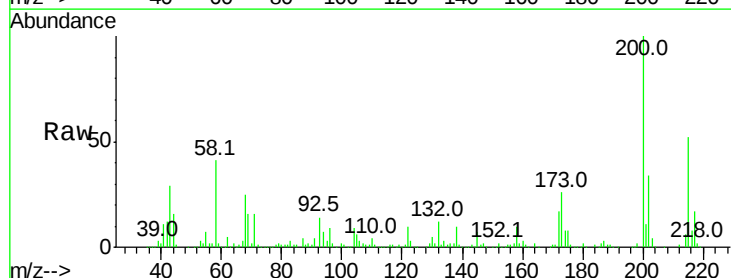
Tgt Ion:200 Resp: 307438

Ion Ratio Lower Upper

200 100

173 25.7 5.2 45.2

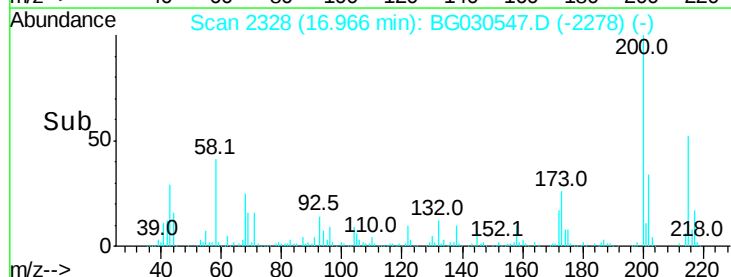
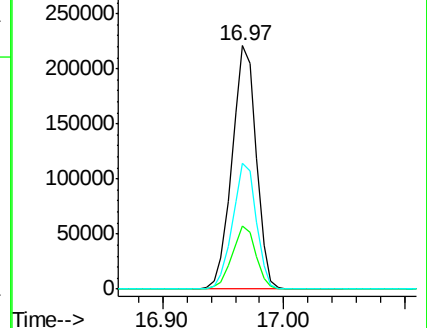
215 51.8 30.4 70.4

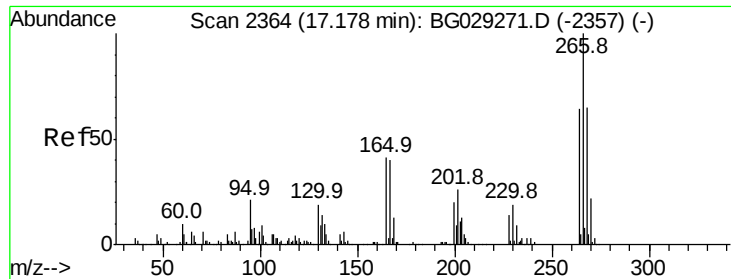


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

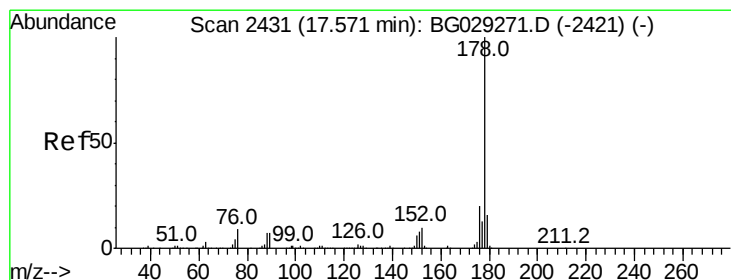
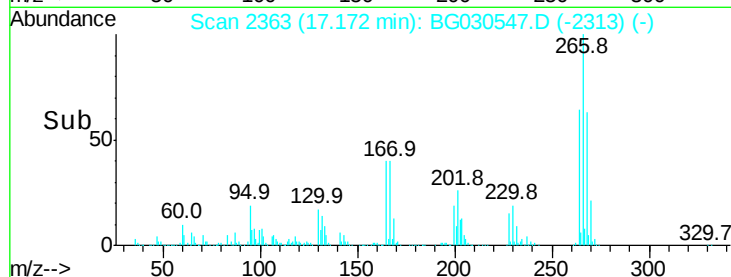
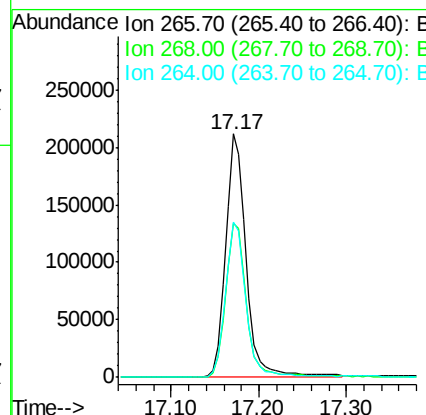
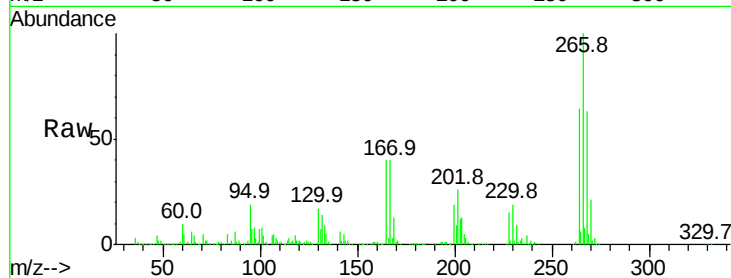




#69
 Pentachlorophenol
 Concen: 92.827 ng
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

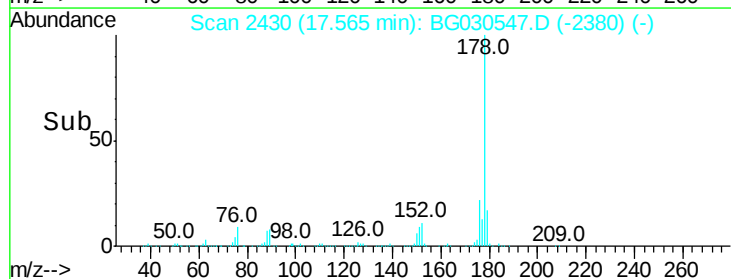
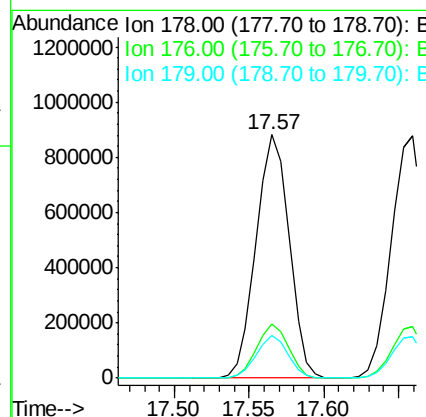
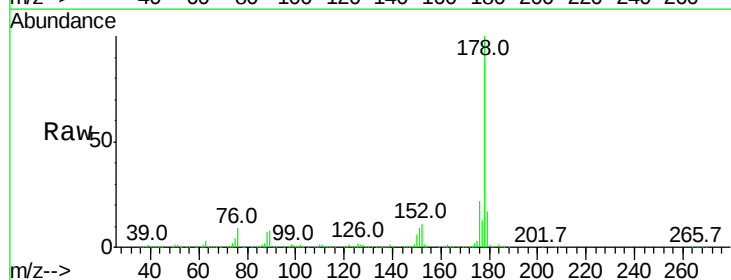
Instrument :
 BNA_G
 ClientSampleId :

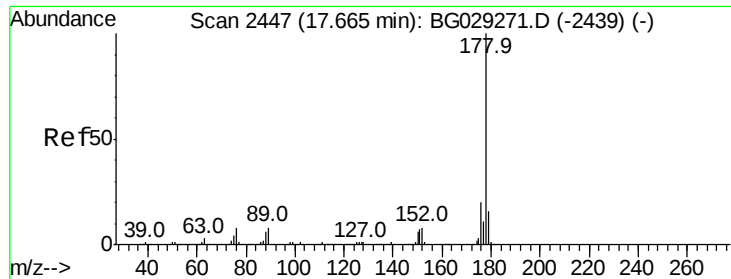
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	63.6	49.6	74.4



#70
 Phenanthrene
 Concen: 52.700 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	22.2	15.7	23.5
179	17.3	12.5	18.7



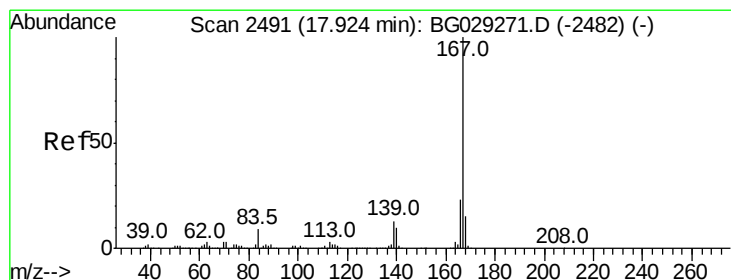
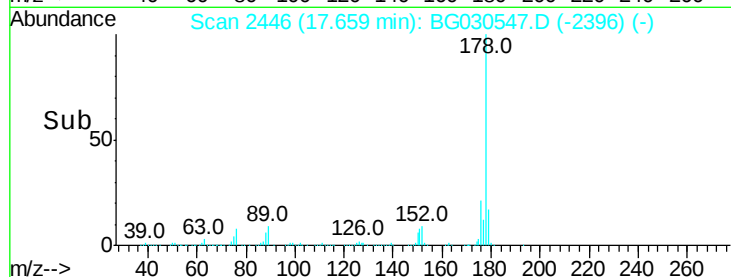
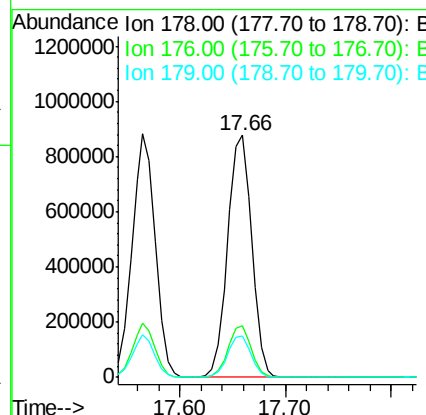
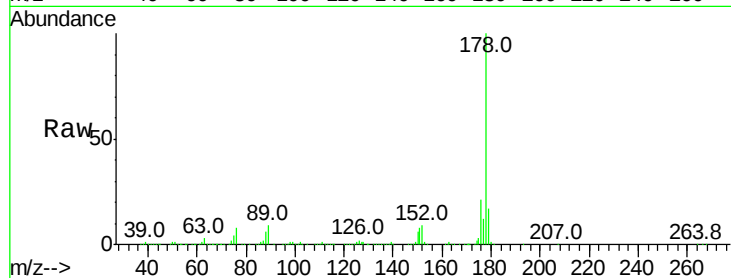


#71
 Anthracene
 Concen: 53.661 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1383468

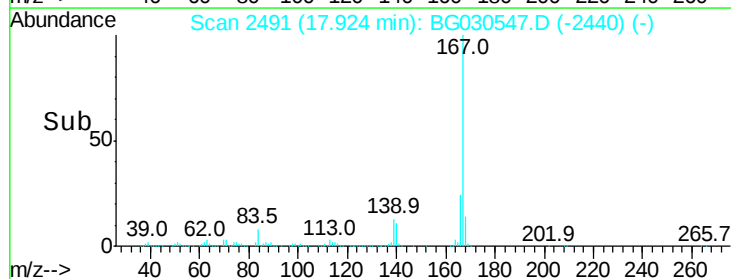
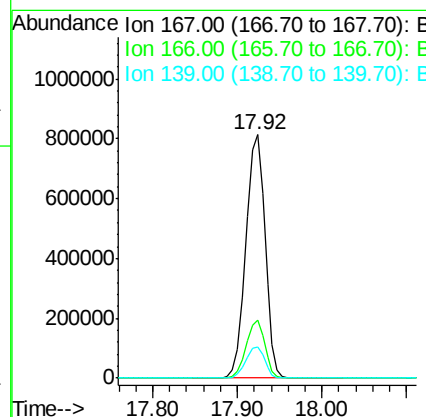
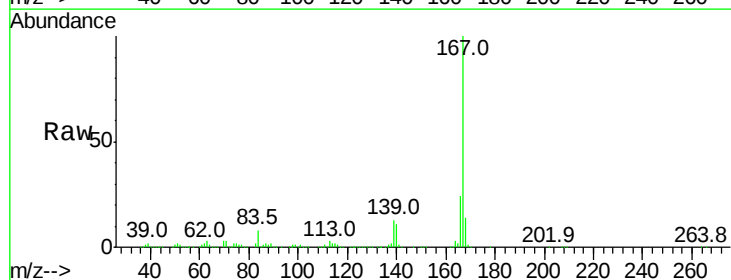
Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.0	24.0
179	16.9	12.5	18.7

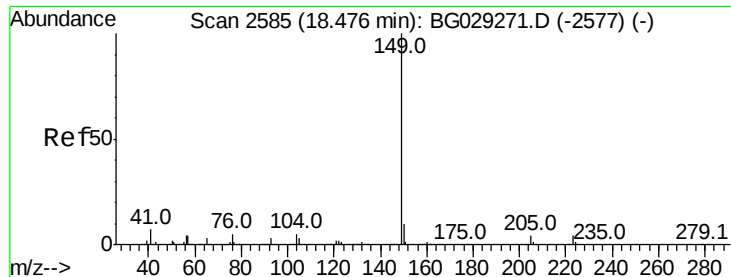


#72
 Carbazole
 Concen: 51.463 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:167 Resp: 1274524

Ion	Ratio	Lower	Upper
167	100		
166	23.7	18.2	27.4
139	12.8	9.4	14.2





#73

Di-n-butylphthalate

Concen: 52.246 ng

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

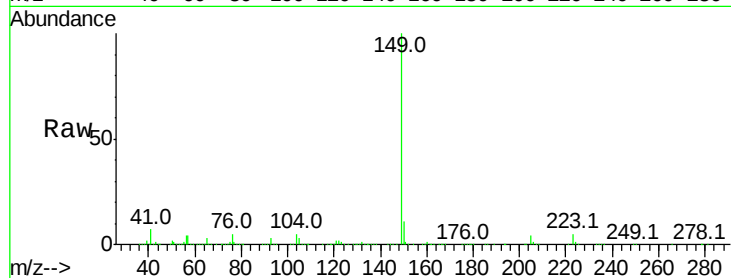
Tot Ion:149 Resp: 1488176

Ion Ratio Lower Upper

149 100

150 10.8 7.8 11.6

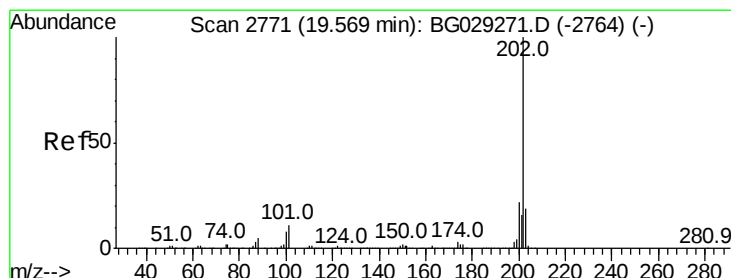
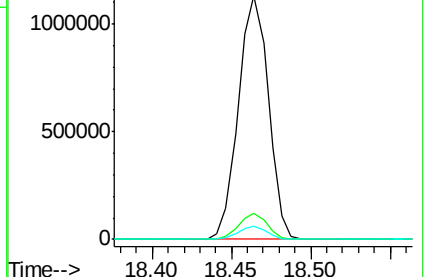
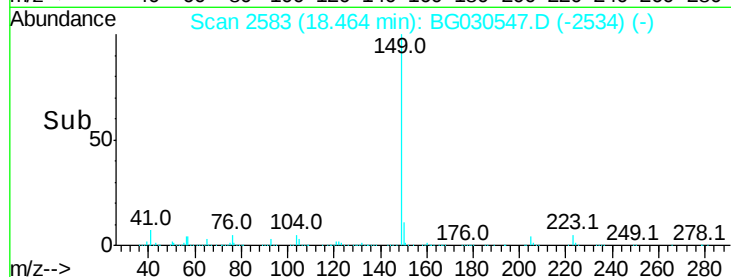
104 5.2 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 54.646 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

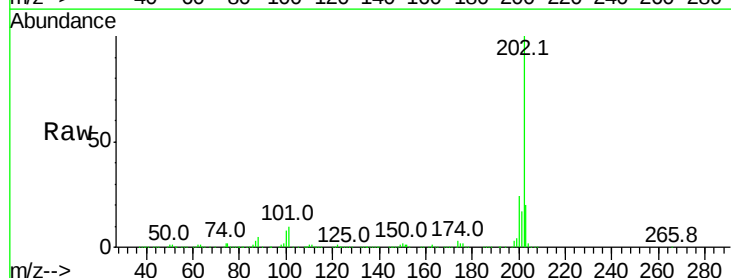
Tgt Ion:202 Resp: 1641069

Ion Ratio Lower Upper

202 100

101 10.3 0.0 28.9

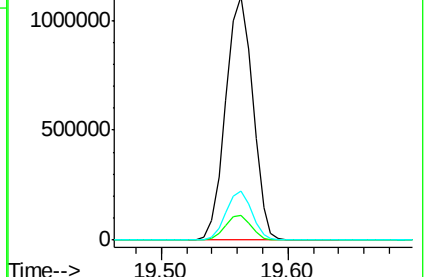
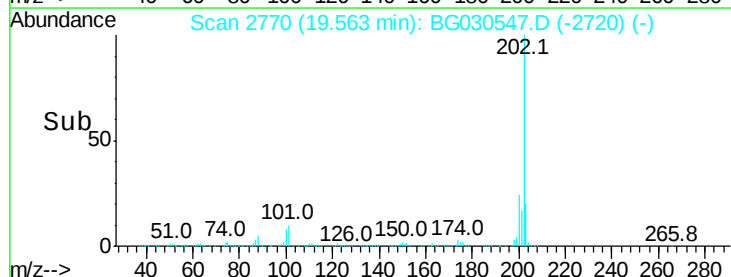
203 20.4 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

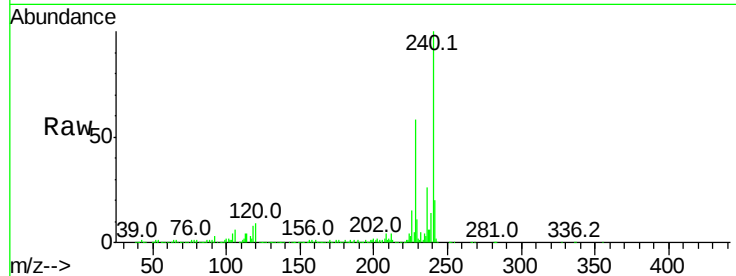
Tot Ion:240 Resp: 521180

Ion Ratio Lower Upper

240 100

120 8.8 6.8 10.2

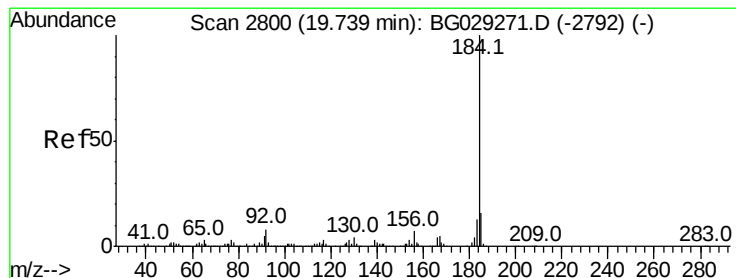
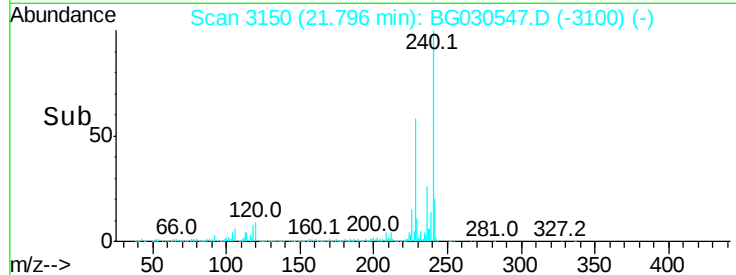
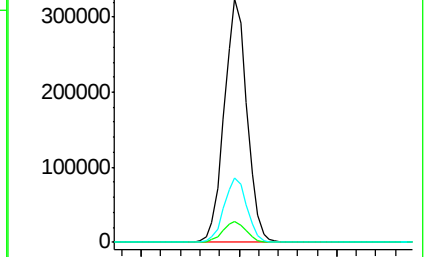
236 26.3 20.9 31.3



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: 10.653 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

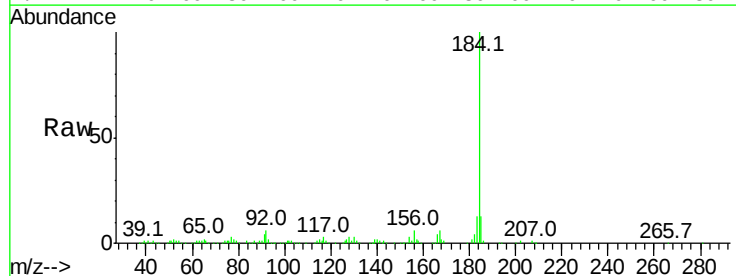
Tgt Ion:184 Resp: 167638

Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

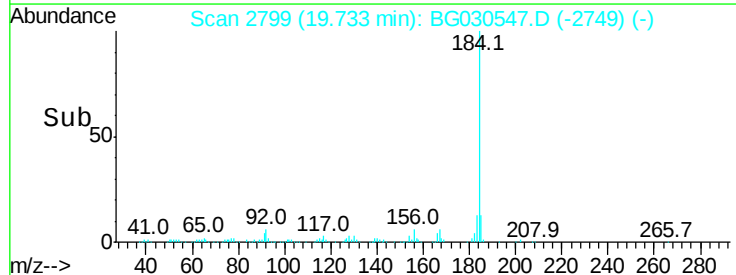
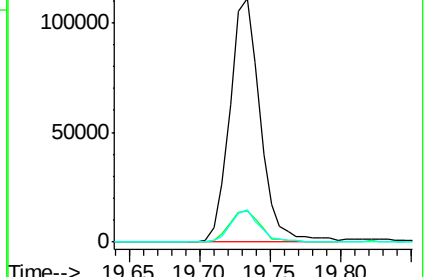
183 13.2 10.6 16.0

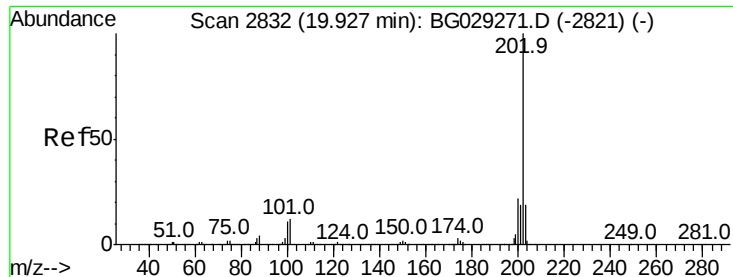


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.134 ng

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

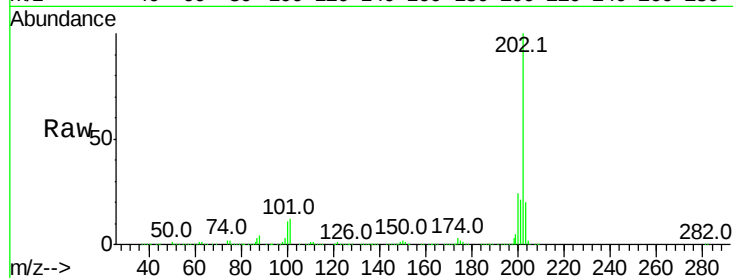
Tot Ion:202 Resp: 1679874

Ion	Ratio	Lower	Upper
202	100		
200	24.0	16.9	25.3
203	19.9	13.9	20.9

202 100

200 24.0 16.9 25.3

203 19.9 13.9 20.9

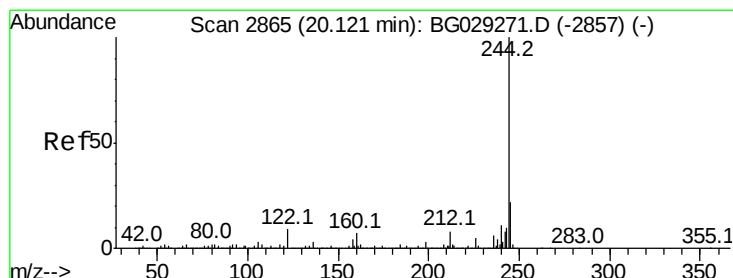
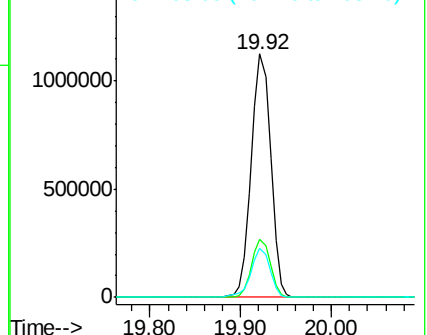
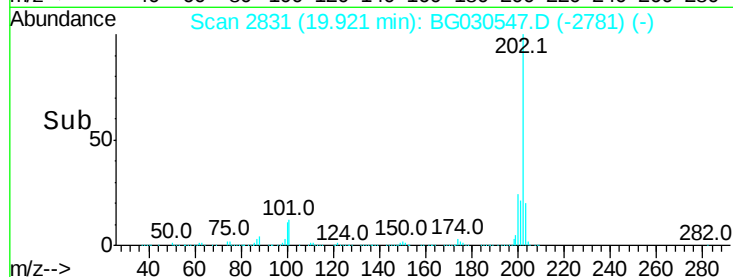


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 96.418 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

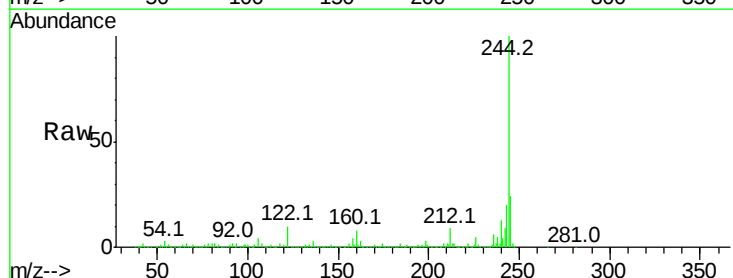
Tgt Ion:244 Resp: 2208913

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

244 100

212 9.2 5.8 8.8#

122 10.4 7.0 10.4

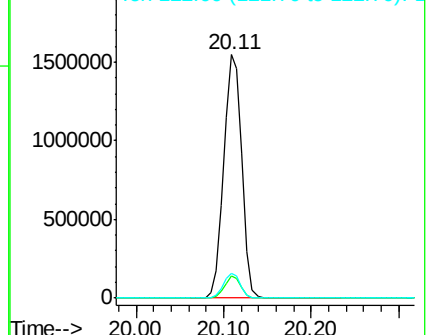
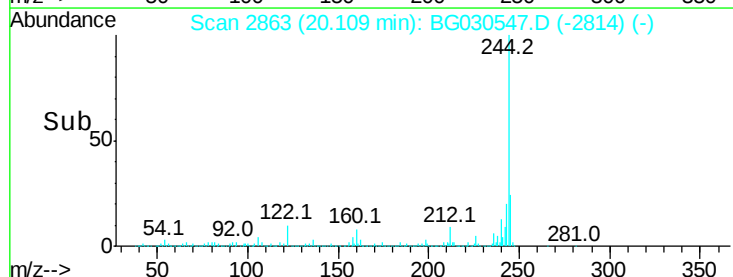


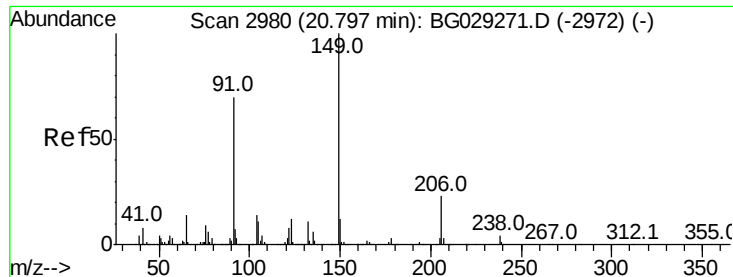
Abundance

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

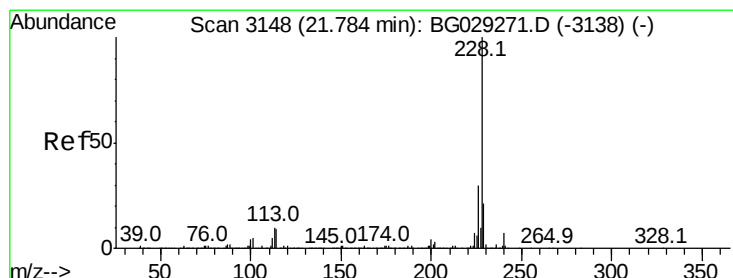
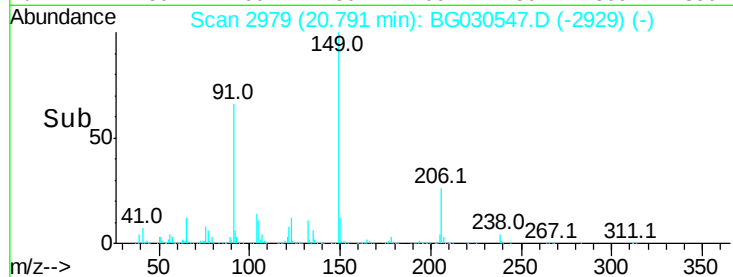
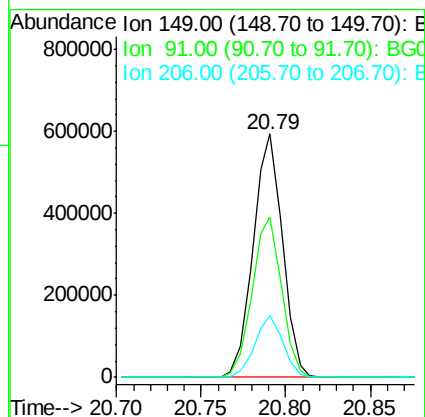
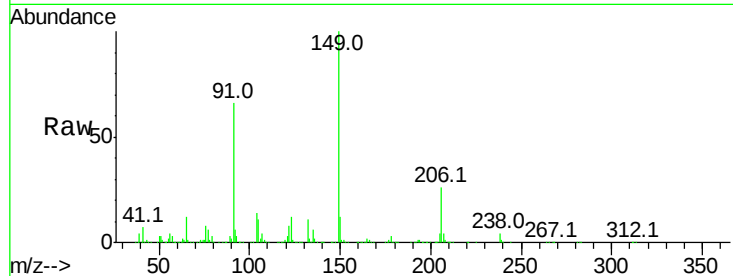




#79
Butylbenzylphthalate
Concen: 53.155 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

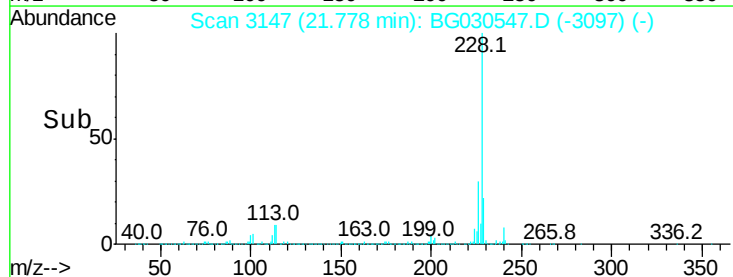
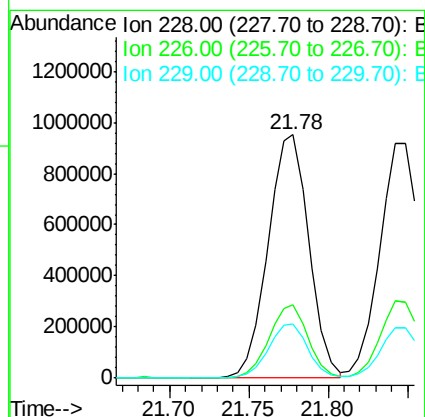
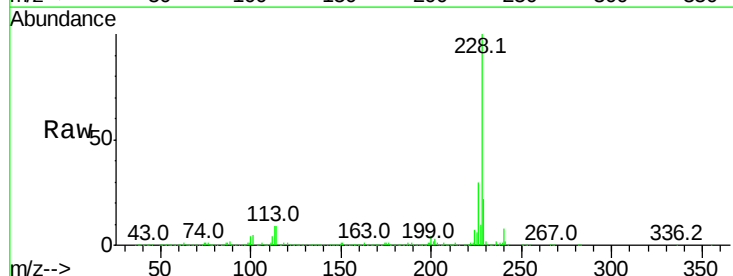
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.1	62.2	93.2
206	25.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 55.563 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	22.7	34.1
229	22.2	16.2	24.2

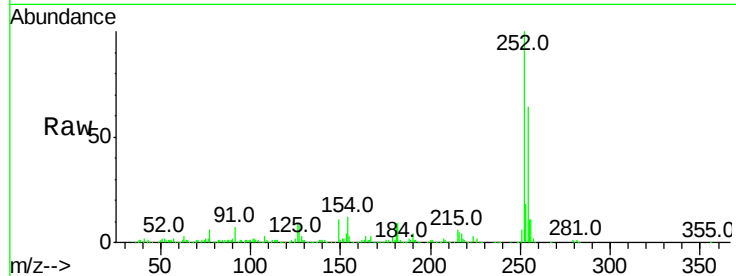




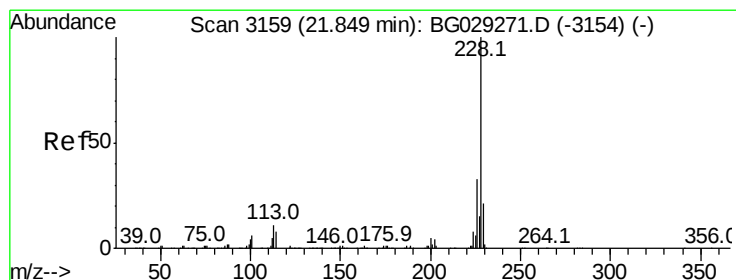
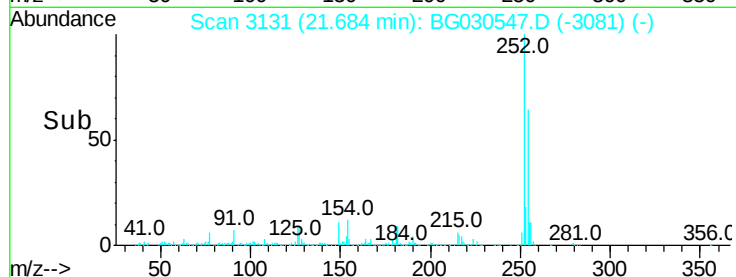
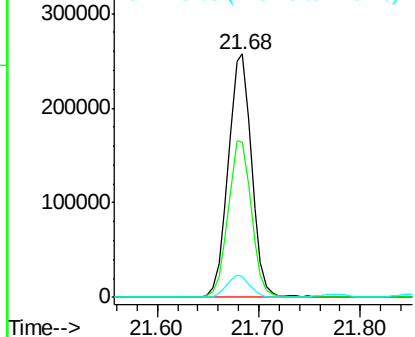
#81
 3,3'-Dichlorobenzidine
 Concen: 32.651 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:252 Resp: 412386
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.8 76.2
 126 8.6 7.4 11.2

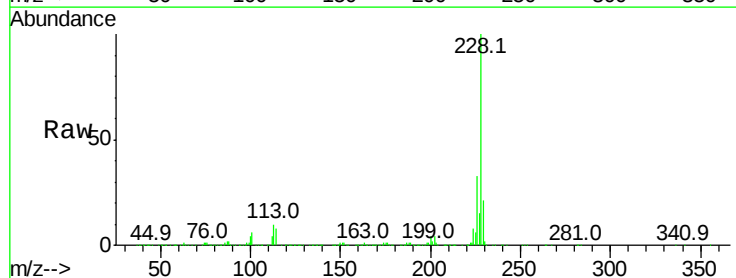


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

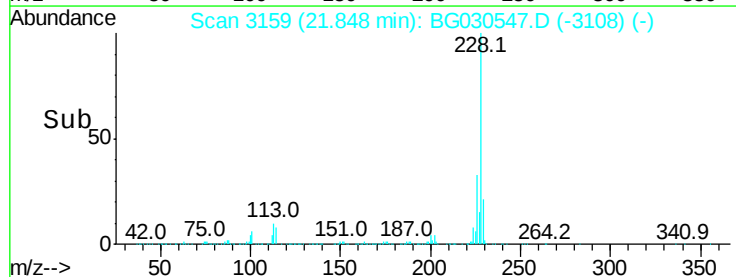
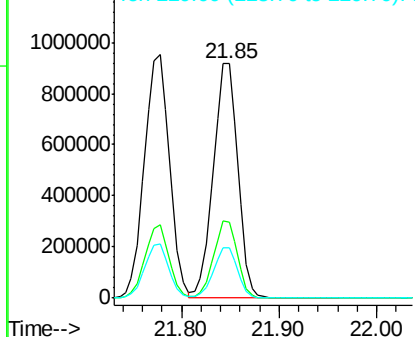


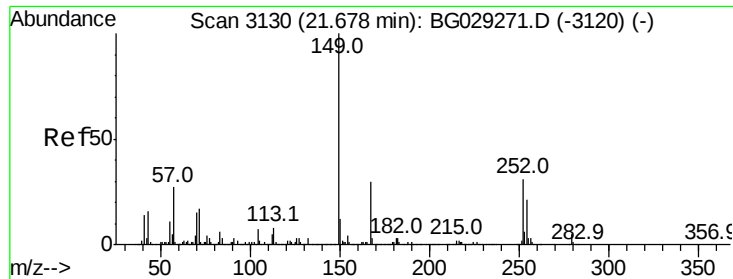
#82
 Chrysene
 Concen: 54.412 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:228 Resp: 1594514
 Ion Ratio Lower Upper
 228 100
 226 32.6 24.9 37.3
 229 21.5 15.0 22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E



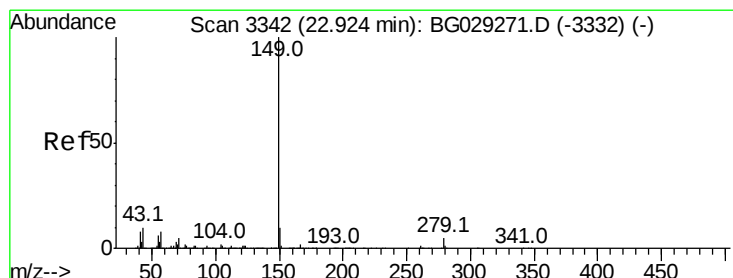
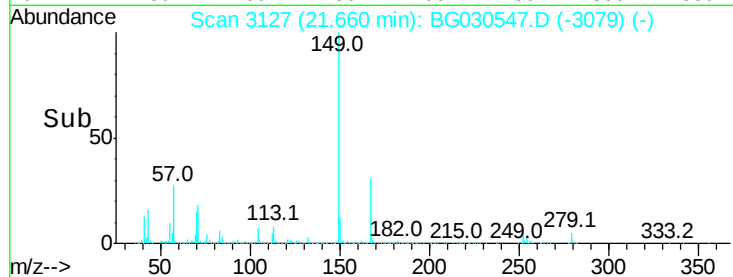
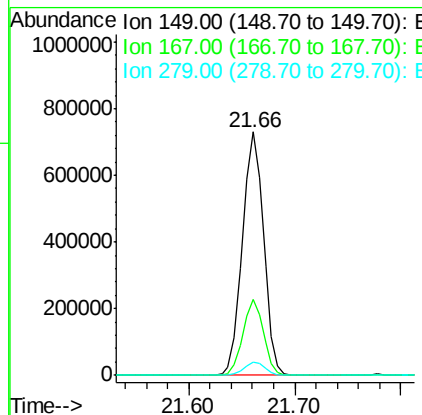
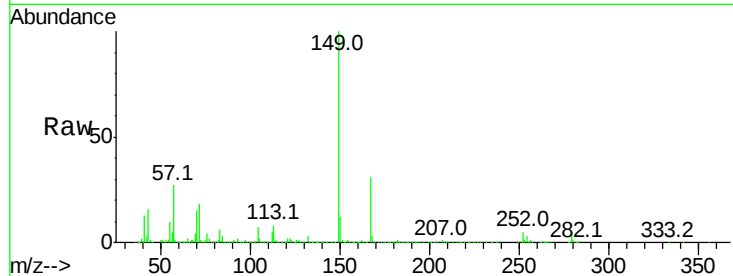


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 52.207 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 1009207

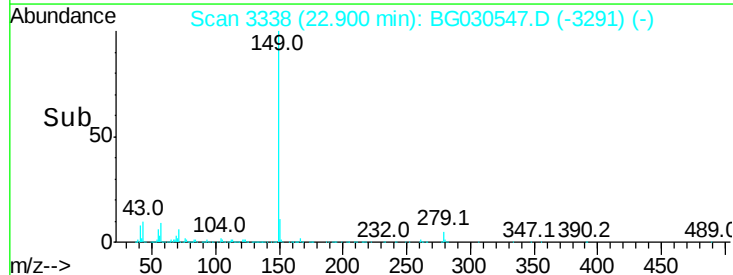
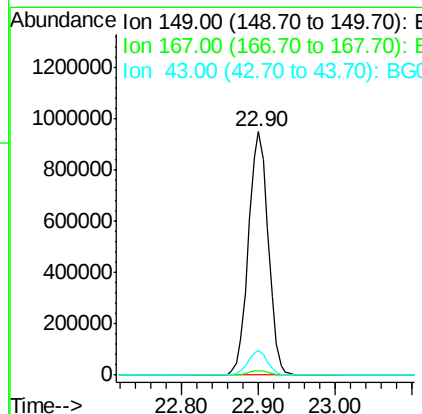
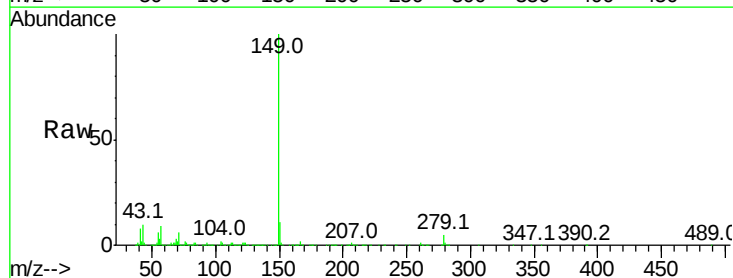
Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.3	36.5
279	5.5	4.0	6.0

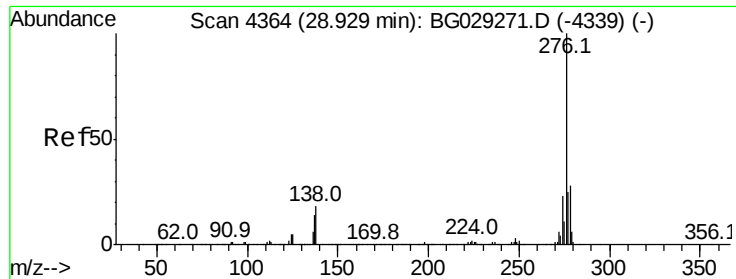


#84
 Di-n-octyl phthalate
 Concen: 50.750 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:149 Resp: 1709784

Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	9.7	8.9	13.3



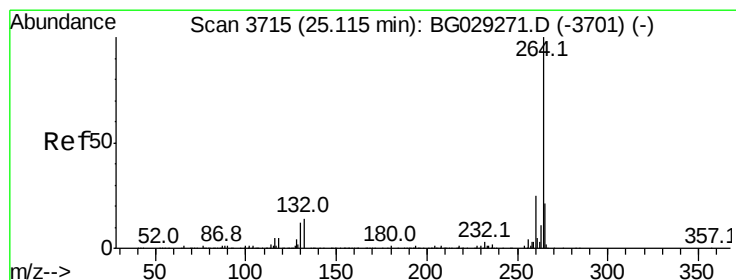
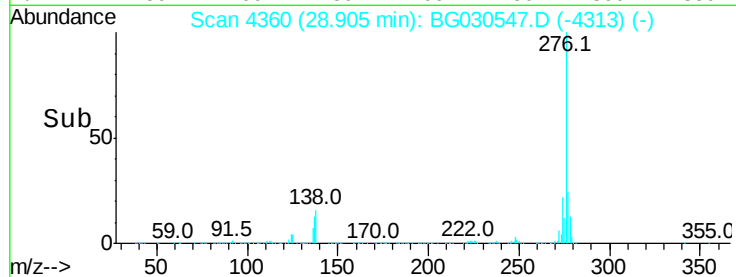
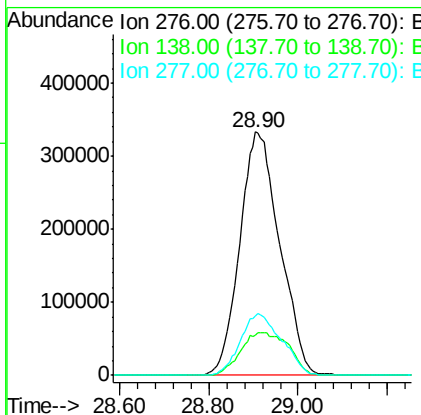
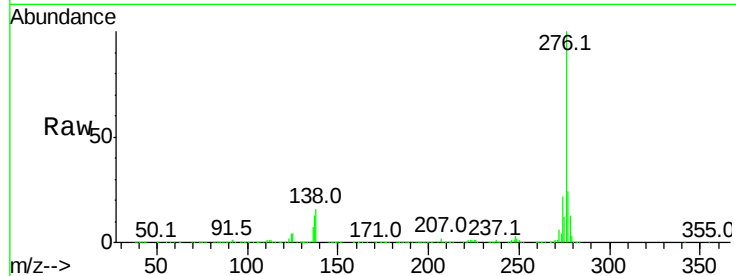


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 57.196 ng
 RT: 28.90 min Scan# 4360
 Delta R.T. -0.02 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 2062038

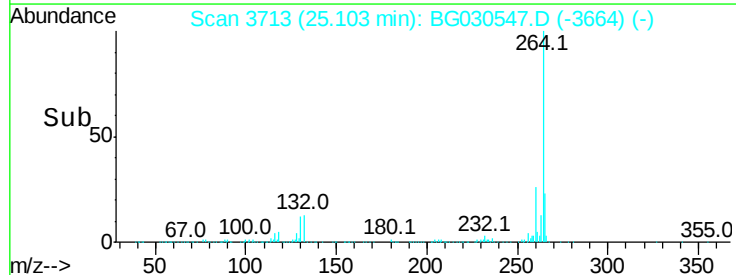
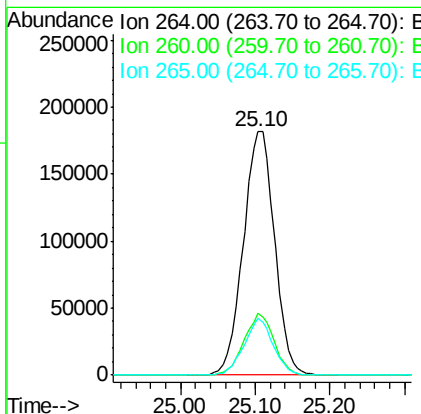
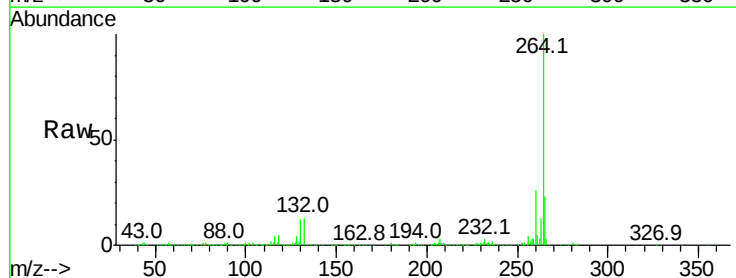
Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.0	24.0
277	26.3	20.0	30.0

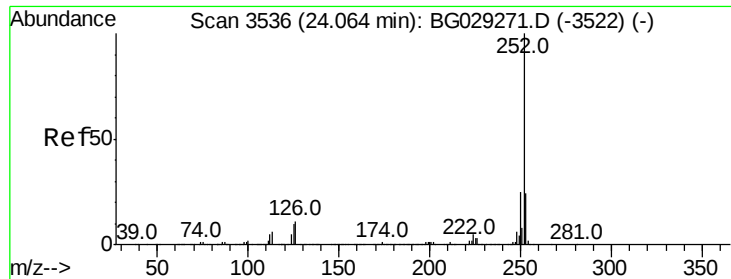


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3713
 Delta R.T. -0.01 min
 Lab File: BG030547.D
 Acq: 29 Oct 2017 4:41

Tgt Ion:264 Resp: 527950

Ion	Ratio	Lower	Upper
264	100		
260	25.5	17.4	26.0
265	23.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 57.446 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

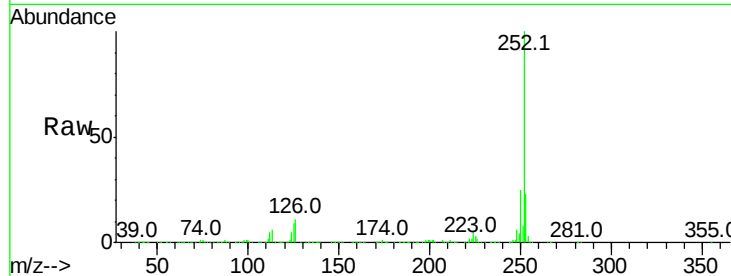
Tot Ion:252 Resp: 1736342

Ion Ratio Lower Upper

252 100

253 23.4 18.2 27.4

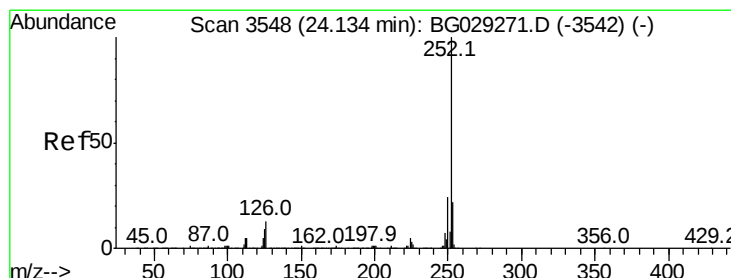
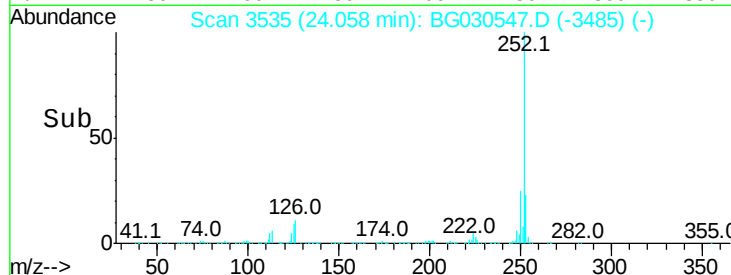
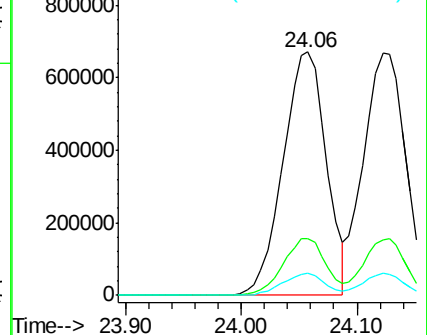
125 8.9 7.2 10.8



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: 56.429 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

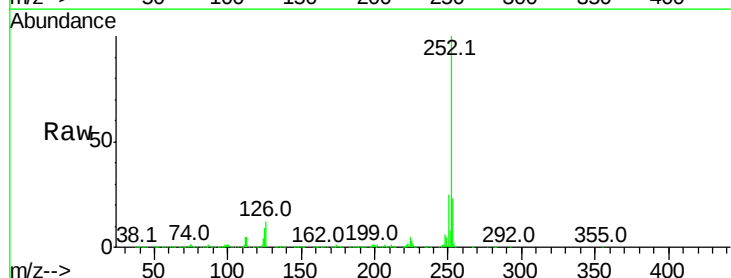
Tgt Ion:252 Resp: 1699226

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

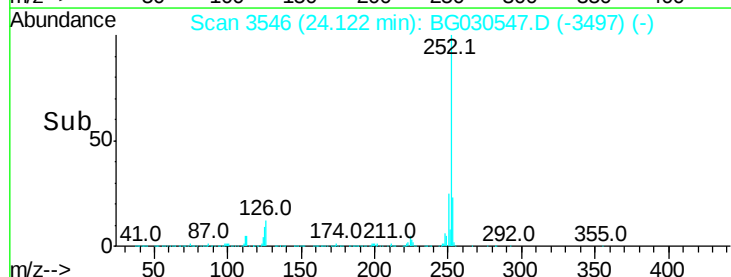
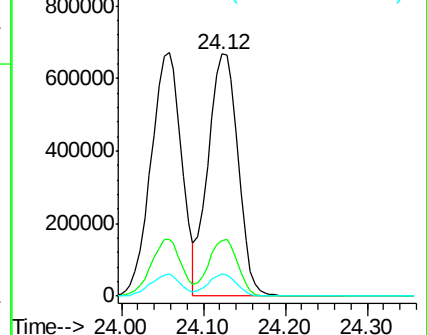
125 9.2 6.6 9.8

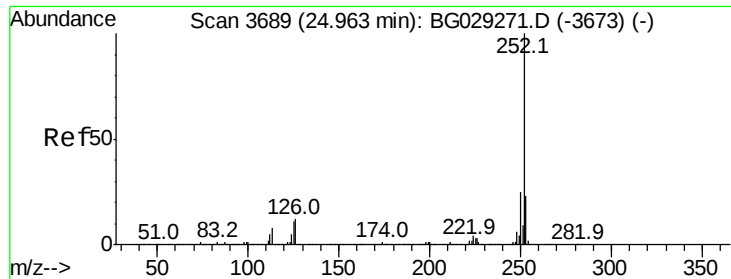


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

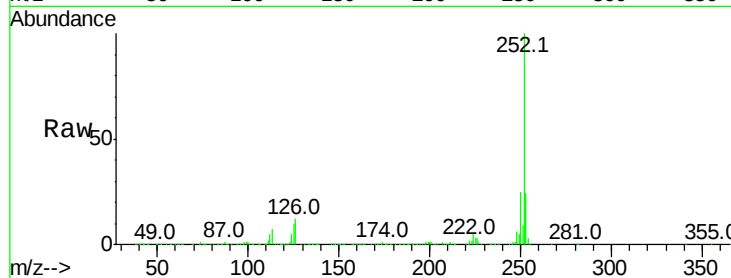




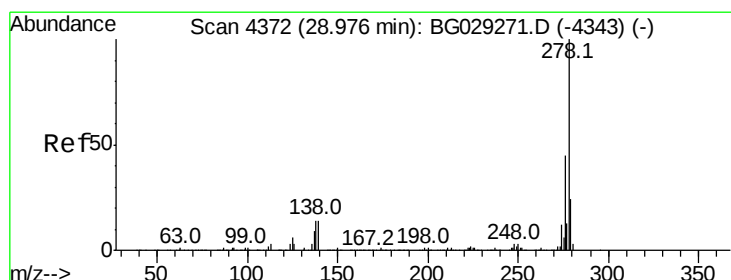
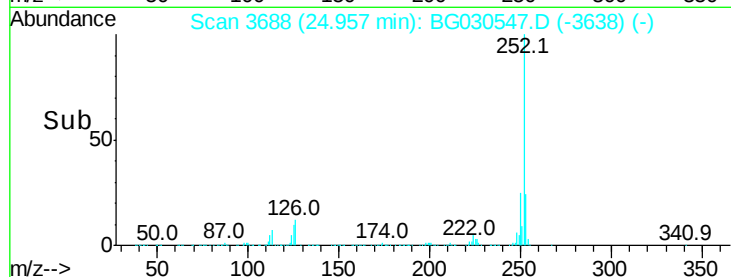
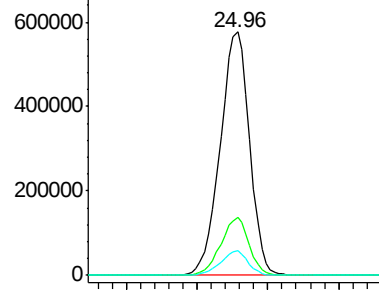
#89
Benzo(a)pyrene
Concen: 57.571 ng
RT: 24.96 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 1672851
Ion Ratio Lower Upper
252 100
253 24.1 18.3 27.5
125 10.0 7.3 10.9

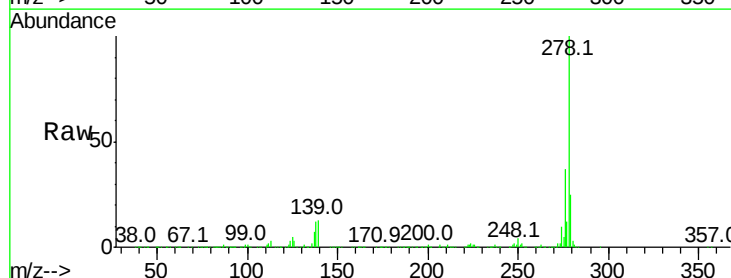


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

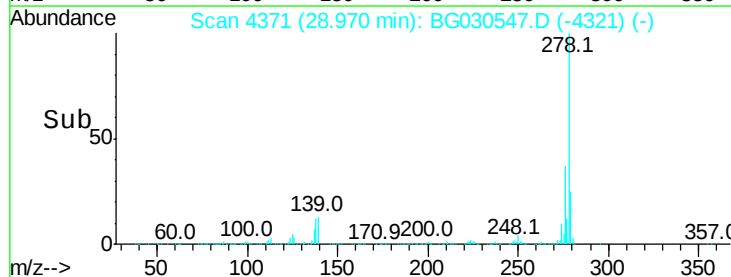
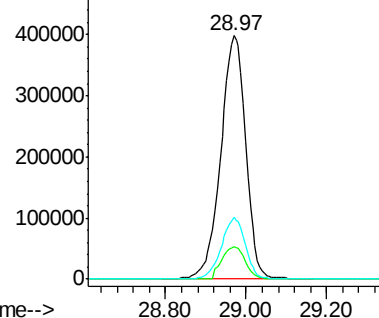


#90
Dibenzo(a,h)anthracene
Concen: 58.504 ng
RT: 28.97 min Scan# 4371
Delta R.T. -0.01 min
Lab File: BG030547.D
Acq: 29 Oct 2017 4:41

Tgt Ion:278 Resp: 1721036
Ion Ratio Lower Upper
278 100
139 13.4 9.8 14.6
279 25.2 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: 62.479 ng

RT: 30.11 min Scan# 4565

Delta R.T. 0.01 min

Lab File: BG030547.D

Acq: 29 Oct 2017 4:41

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1707750

Ion Ratio Lower Upper

276 100

277 23.6 18.3 27.5

138 16.7 13.9 20.9

