

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030517.D
 Acq On : 28 Oct 2017 3:59
 Operator : SJ/JU
 Sample : I6101-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 28 06:20:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	74182	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	336493	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	228757	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	538384	20.00	ng	0.00
75) Chrysene-d12	21.80	240	567600	20.00	ng	0.00
86) Perylene-d12	25.12	264	562870	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	545427	122.83	ng	0.00
7) Phenol-d6	7.32	99	674499	108.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	477197	90.12	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	404686	137.02	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1236912	79.30	ng	0.00
78) Terphenyl-d14	20.12	244	2012357	80.65	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	64698	35.910	ng	# 79
3) Pyridine	4.00	79	168269	32.071	ng	91
4) n-Nitrosodimethylamine	3.90	42	99254	40.470	ng	# 91
6) Aniline	7.49	93	159173	20.623	ng	96
8) 2-Chlorophenol	7.73	128	220851	43.390	ng	94
9) Benzaldehyde	7.30	77	89045	28.403	ng	92
10) Phenol	7.35	94	257484	38.317	ng	93
11) bis(2-Chloroethyl)ether	7.58	93	209808	42.854	ng	93
12) 1,3-Dichlorobenzene	8.06	146	225487	39.459	ng	95
13) 1,4-Dichlorobenzene	8.20	146	231536	39.685	ng	94
14) 1,2-Dichlorobenzene	8.52	146	222613	39.558	ng	98
15) Benzyl Alcohol	8.40	79	212328	48.339	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.69	45	346085	41.624	ng	95
17) 2-Methylphenol	8.61	107	196016	43.911	ng	98
18) Hexachloroethane	9.26	117	78887	39.677	ng	97
19) n-Nitroso-di-n-propylamine	8.97	70	180877	42.679	ng	# 95
20) 3+4-Methylphenols	8.93	107	272407	43.309	ng	94
22) Acetophenone	8.99	105	338260	41.713	ng	# 94
24) Nitrobenzene	9.38	77	262050	44.015	ng	93
25) Isophorone	9.90	82	509449	46.086	ng	# 94
26) 2-Nitrophenol	10.09	139	135602	47.654	ng	89
27) 2,4-Dimethylphenol	10.14	122	229918	44.659	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	308171	45.464	ng	97
29) 2,4-Dichlorophenol	10.63	162	259547	47.276	ng	92
30) 1,2,4-Trichlorobenzene	10.84	180	257684	43.445	ng	98
31) Naphthalene	11.04	128	707961	42.216	ng	98
32) Benzoic acid	10.24	122	41822	9.702	ng	# 79
33) 4-Chloroaniline	11.14	127	47980	6.802	ng	96
34) Hexachlorobutadiene	11.31	225	155387	42.136	ng	97
35) Caprolactam	11.91	113	70145	38.444	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	278755	46.165	ng	# 88
37) 2-Methylnaphthalene	12.63	142	557661	45.626	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	313392	37.523	ng	99
40) Hexachlorocyclopentadiene	12.97	237	289563	90.850	ng	92

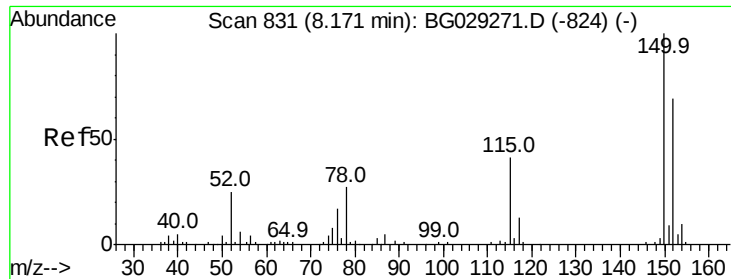
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	229851	43.840	ng	99
43) 2,4,5-Trichlorophenol	13.30	196	246471	45.775	ng	97
45) 1,1'-Biphenyl	13.62	154	754990	38.397	ng	97
46) 2-Chloronaphthalene	13.67	162	598872	41.756	ng	98
47) 2-Nitroaniline	13.87	65	198925	50.497	ng	89
48) Acenaphthylene	14.51	152	949493	42.301	ng	99
49) Dimethylphthalate	14.23	163	797869	44.703	ng	99
50) 2,6-Dinitrotoluene	14.36	165	186349	49.805	ng	# 78
51) Acenaphthene	14.85	154	582377	39.877	ng	98
52) 3-Nitroaniline	14.69	138	128532	31.835	ng	# 84
53) 2,4-Dinitrophenol	14.90	184	30783	20.333	ng	# 59
54) Dibenzofuran	15.18	168	954726	45.794	ng	99
55) 4-Nitrophenol	14.99	139	221395	66.514	ng	# 86
56) 2,4-Dinitrotoluene	15.14	165	260712	51.474	ng	# 79
57) Fluorene	15.83	166	763729	44.344	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	233352	51.946	ng	93
59) Diethylphthalate	15.59	149	830232	46.675	ng	99
60) 4-Chlorophenyl-phenylether	15.81	204	430981	46.934	ng	95
61) 4-Nitroaniline	15.84	138	189070	45.606	ng	88
62) Azobenzene	16.11	77	715320	47.689	ng	97
64) 4,6-Dinitro-2-methylphenol	15.91	198	45320	18.260	ng	83
65) n-Nitrosodiphenylamine	16.03	169	699579	43.377	ng	98
66) 4-Bromophenyl-phenylether	16.71	248	285559	46.223	ng	100
67) Hexachlorobenzene	16.84	284	302477	43.224	ng	96
68) Atrazine	16.97	200	273657	47.555	ng	99
69) Pentachlorophenol	17.18	266	189210	47.068	ng	97
70) Phenanthrene	17.57	178	1245661	44.787	ng	97
71) Anthracene	17.66	178	1265637	45.318	ng	97
72) Carbazole	17.92	167	1175026	43.798	ng	97
73) Di-n-butylphthalate	18.46	149	1390302	45.058	ng	99
74) Fluoranthene	19.56	202	1518895	46.691	ng	95
76) Benzidine	19.73	184	72897	4.254	ng	99
77) Pyrene	19.93	202	1553462	45.117	ng	95
79) Butylbenzylphthalate	20.79	149	652184	44.459	ng	91
80) Benzo(a)anthracene	21.78	228	1547772	46.445	ng	97
81) 3,3'-Dichlorobenzidine	21.68	252	375914	27.329	ng	98
82) Chrysene	21.85	228	1475657	46.238	ng	96
83) Bis(2-ethylhexyl)phthalate	21.66	149	896714	42.594	ng	99
84) Di-n-octyl phthalate	22.91	149	1569263	42.770	ng	97
85) Indeno(1,2,3-cd)pyrene	28.91	276	1462878	37.258	ng	# 77
87) Benzo(b)fluoranthene	24.06	252	1497080	46.458	ng	99
88) Benzo(k)fluoranthene	24.13	252	1577755	49.145	ng	97
89) Benzo(a)pyrene	24.96	252	1470669	47.473	ng	99
90) Dibenzo(a,h)anthracene	28.98	278	1223268	39.003	ng	95
91) Benzo(g,h,i)perylene	30.09	276	1110572	38.110	ng	100

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

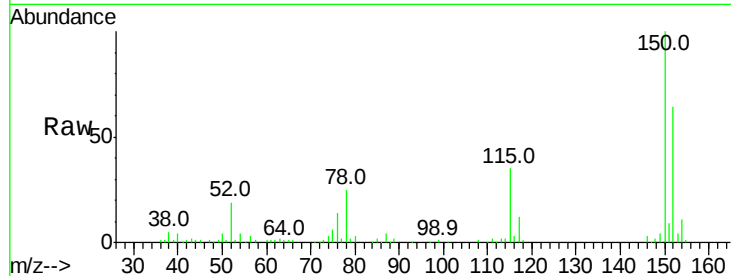


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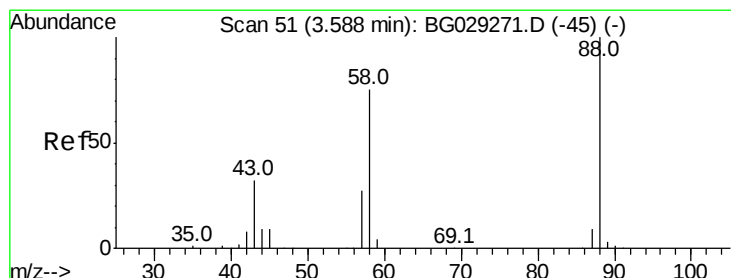
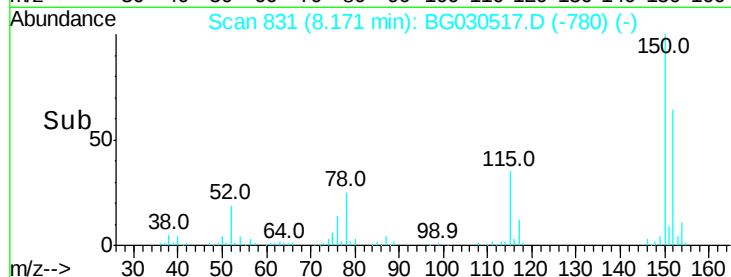
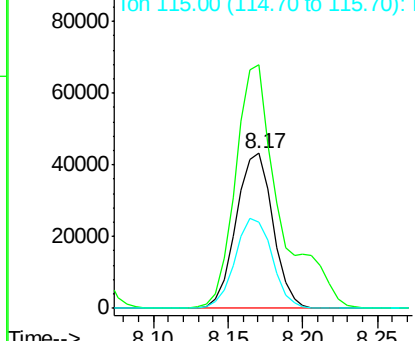
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 74182
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 55.6 53.0 79.4



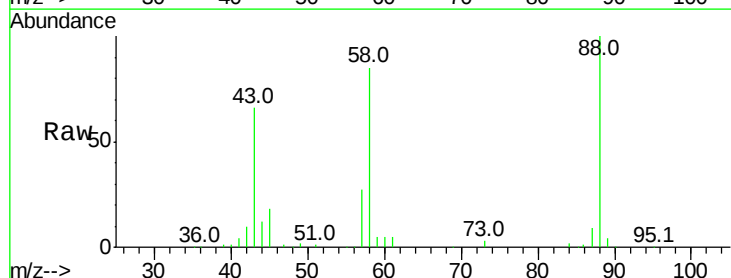
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



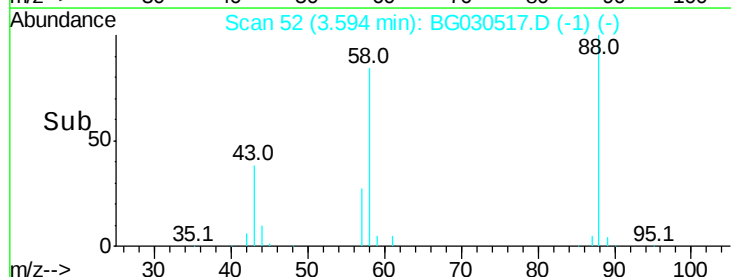
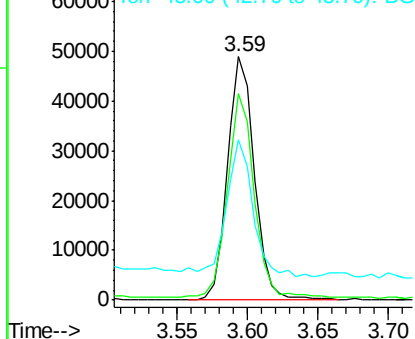
#2

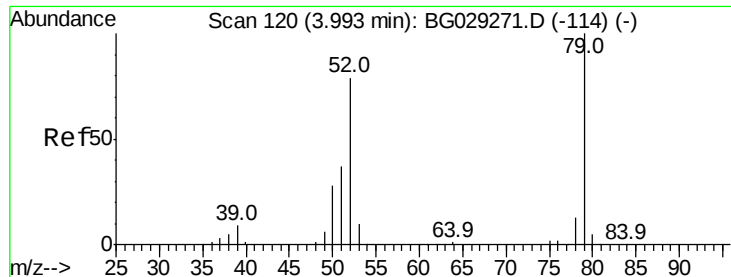
1,4-Dioxane
Concen: 35.910 ng
RT: 3.59 min Scan# 52
Delta R.T. 0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion: 88 Resp: 64698
Ion Ratio Lower Upper
88 100
58 83.9 79.6 119.4
43 54.7 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: 32.071 ng

RT: 4.00 min Scan# 121

Delta R.T. 0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampled :

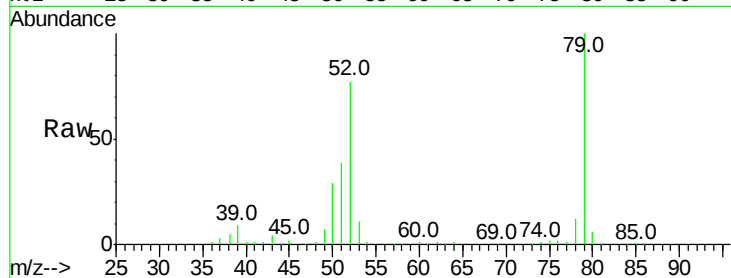
Tot Ion: 79 Resp: 168269

Ion Ratio Lower Upper

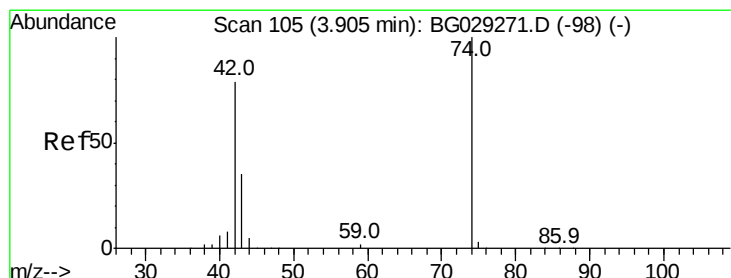
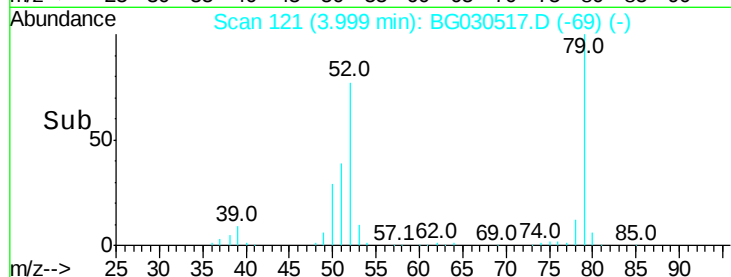
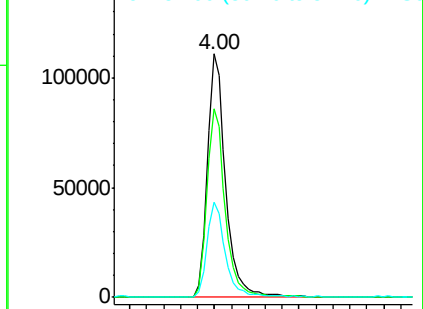
79 100

52 77.3 69.9 104.9

51 39.3 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 40.470 ng

RT: 3.90 min Scan# 104

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

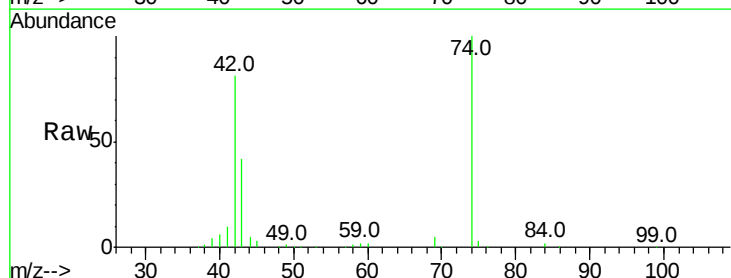
Tgt Ion: 42 Resp: 99254

Ion Ratio Lower Upper

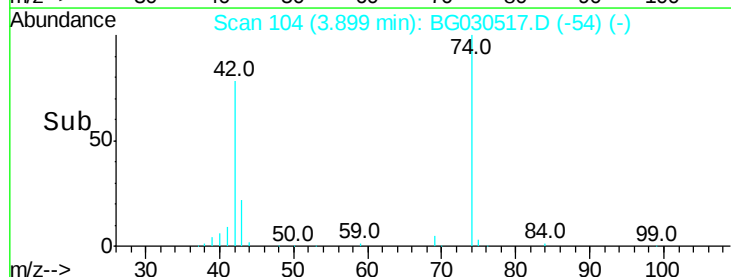
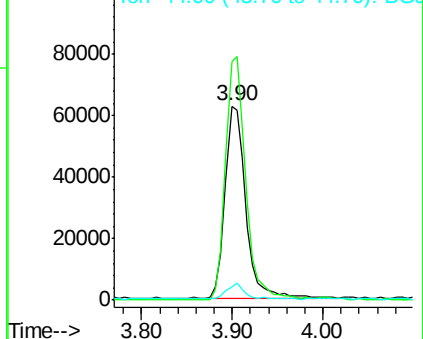
42 100

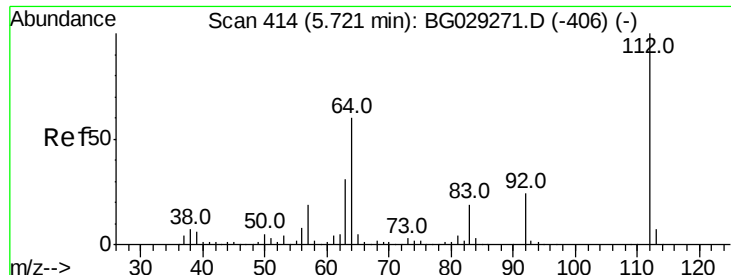
74 122.9 102.5 153.7

44 6.7 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 122.828 ng

RT: 5.72 min Scan# 414

Delta R.T. 0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampled :

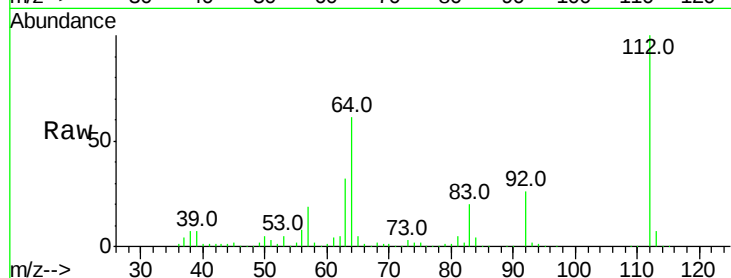
Tot Ion:112 Resp: 545427

Ion Ratio Lower Upper

112 100

64 61.1 56.3 84.5

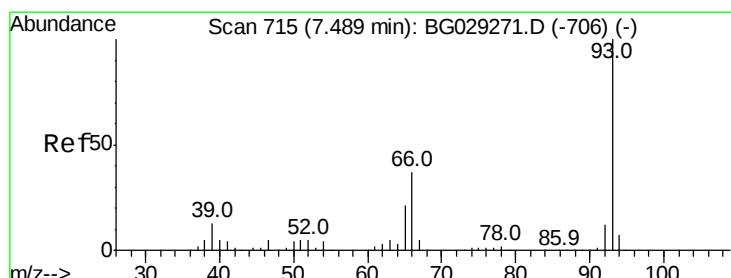
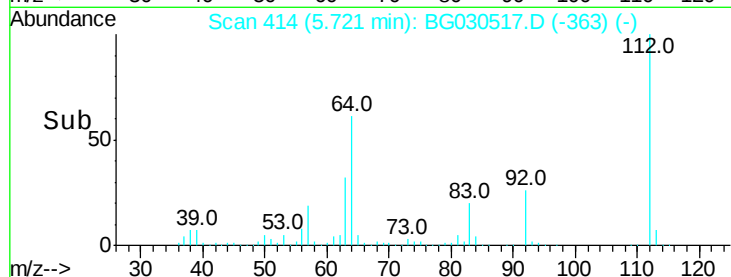
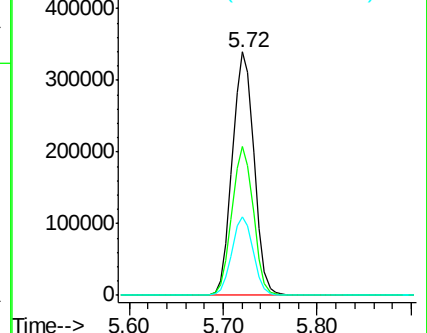
63 32.4 30.1 45.1



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: 20.623 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

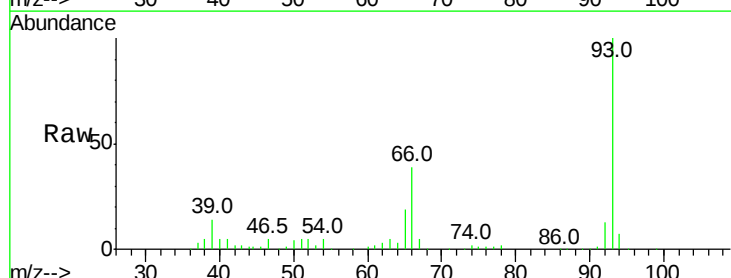
Tgt Ion: 93 Resp: 159173

Ion Ratio Lower Upper

93 100

66 39.2 33.7 50.5

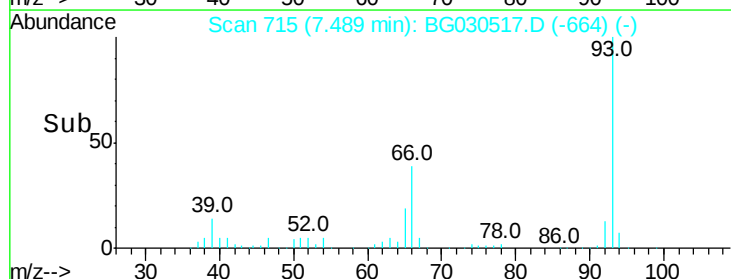
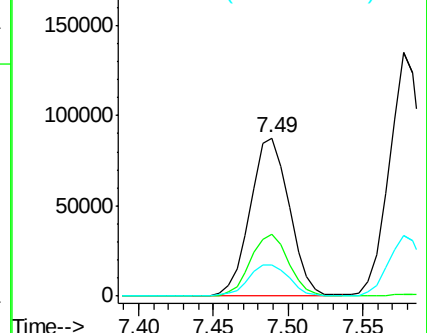
65 19.5 16.1 24.1

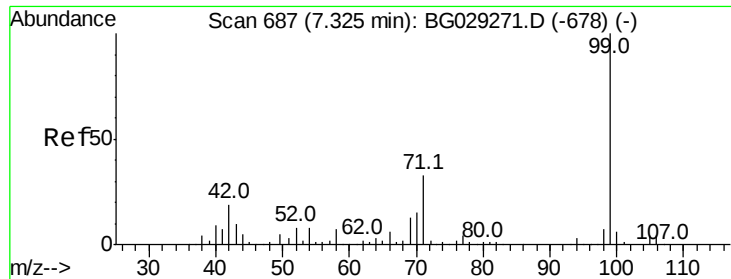


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.214 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampled :

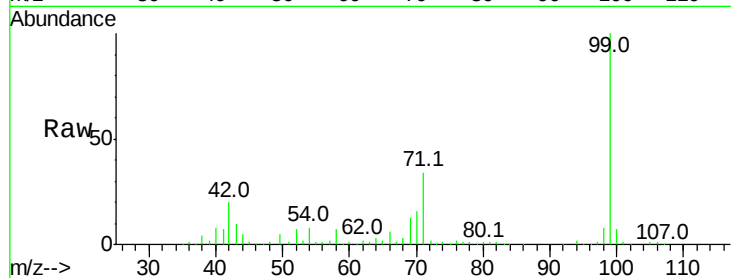
Tot Ion: 99 Resp: 674499

Ion Ratio Lower Upper

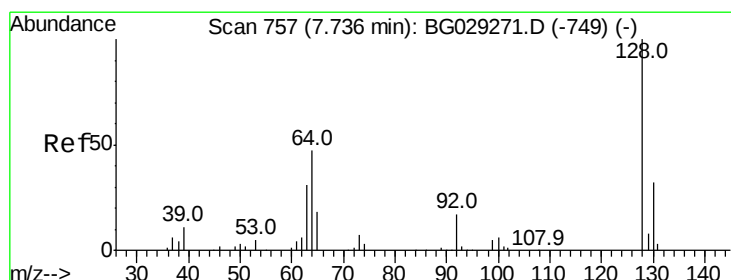
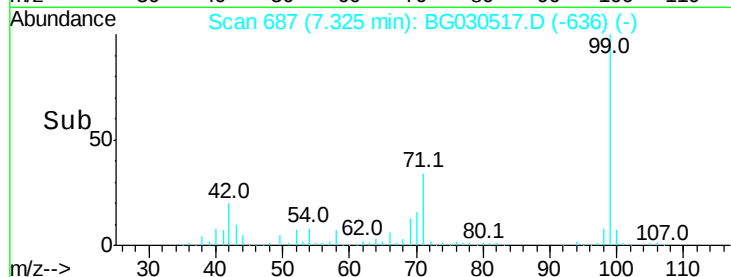
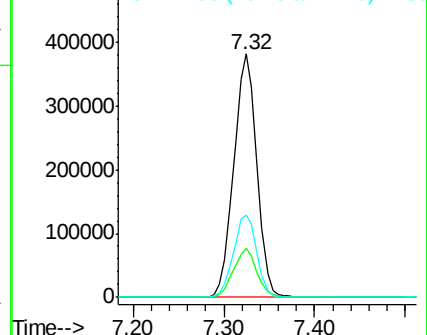
99 100

42 20.3 14.1 21.1

71 33.6 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: 43.390 ng

RT: 7.73 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

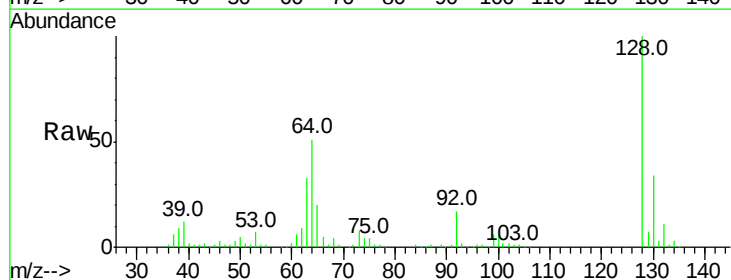
Tgt Ion: 128 Resp: 220851

Ion Ratio Lower Upper

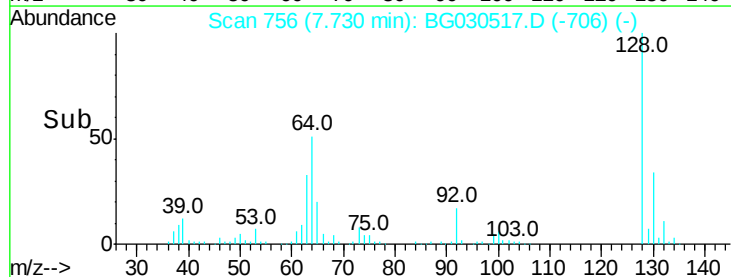
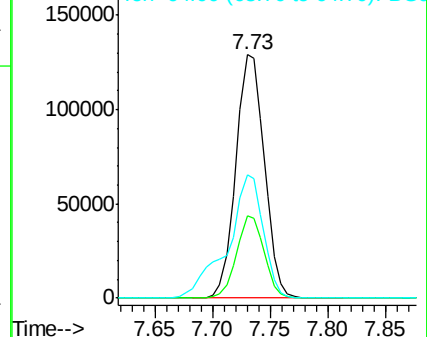
128 100

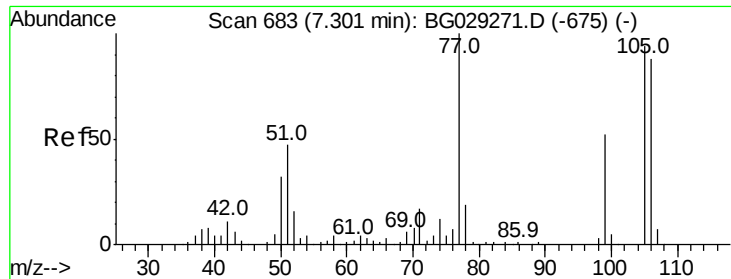
130 33.6 14.0 54.0

64 50.5 37.7 77.7



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





#9

Benzaldehyde

Concen: 28.403 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

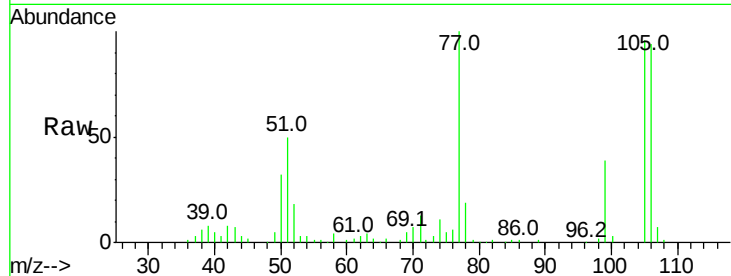
Tot Ion: 77 Resp: 89045

Ion Ratio Lower Upper

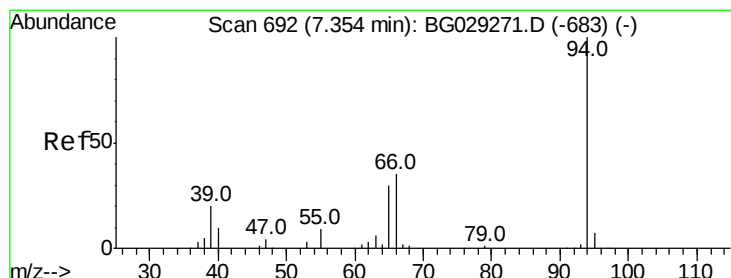
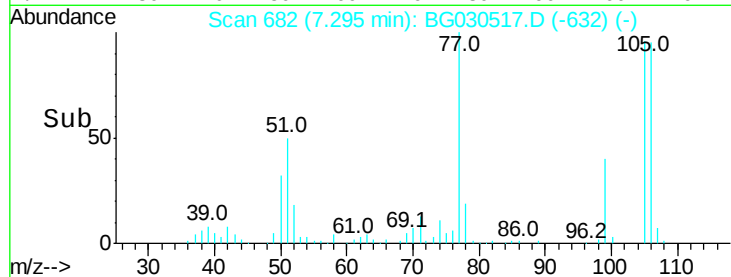
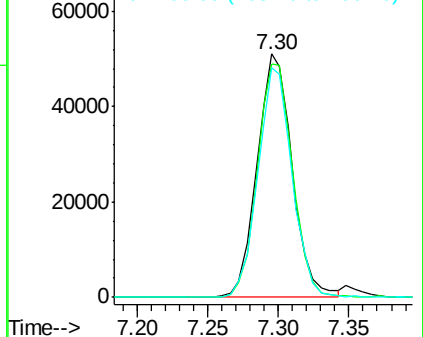
77 100

105 95.7 71.3 111.3

106 94.3 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: 38.317 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

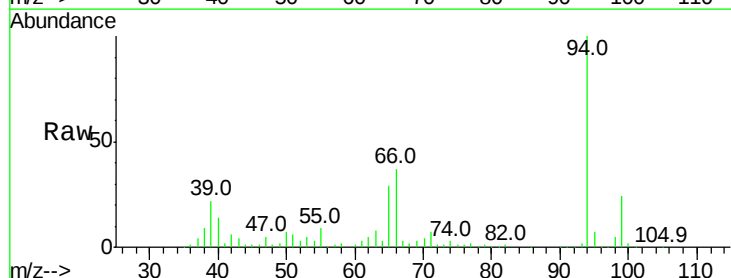
Tgt Ion: 94 Resp: 257484

Ion Ratio Lower Upper

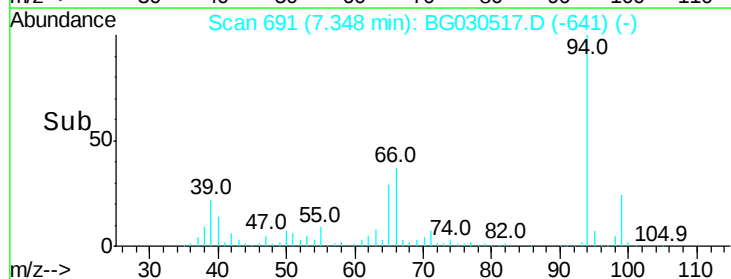
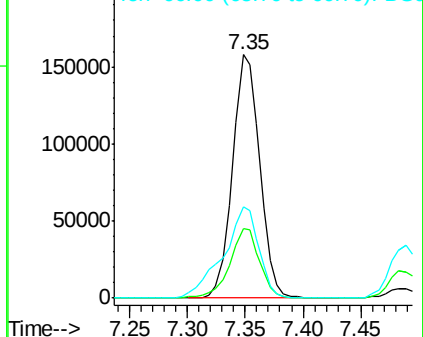
94 100

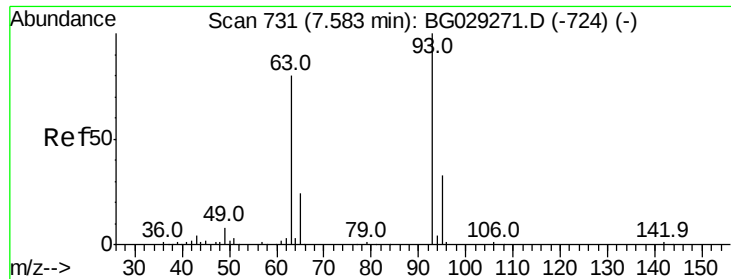
65 28.5 11.9 51.9

66 37.4 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

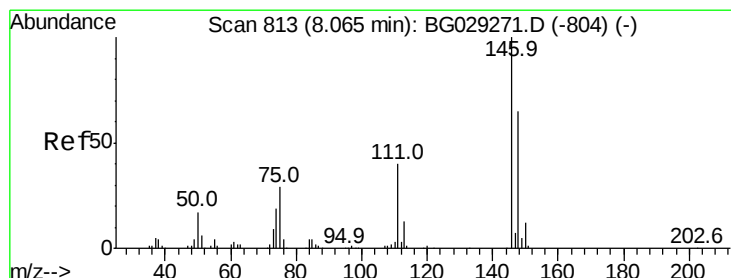
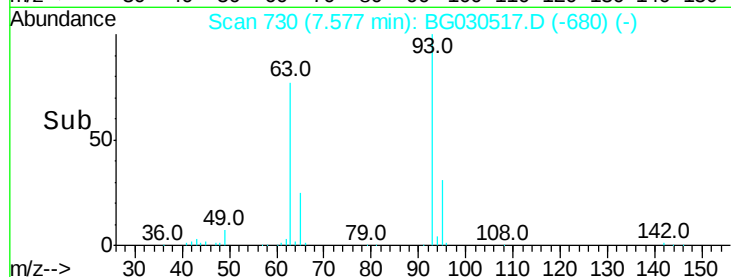
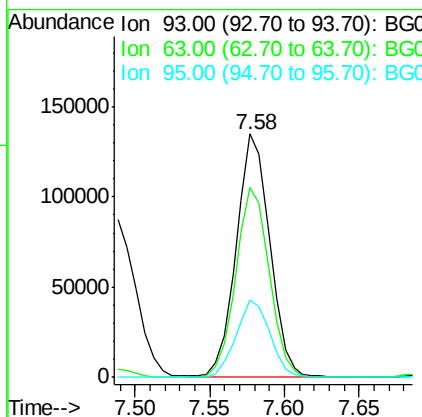
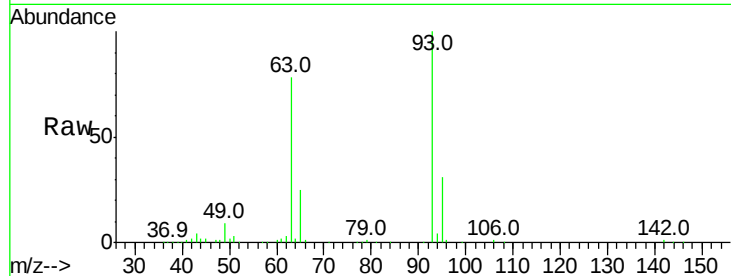




#11
 bis(2-Chloroethyl)ether
 Concen: 42.854 ng
 RT: 7.58 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

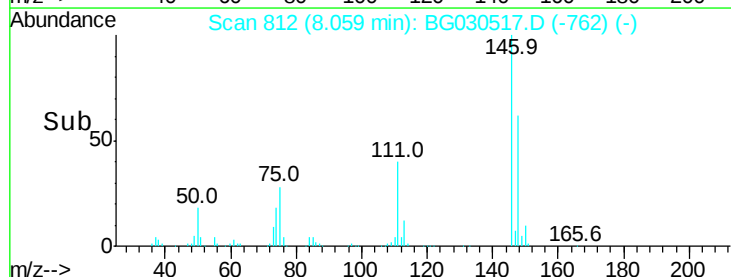
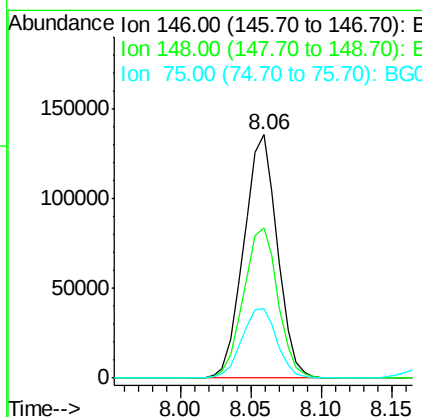
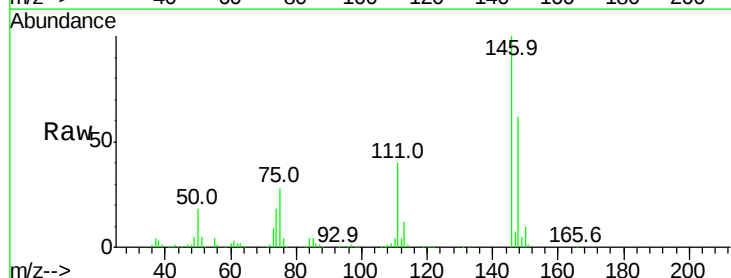
Instrument :
 BNA_G
 ClientSampleId :

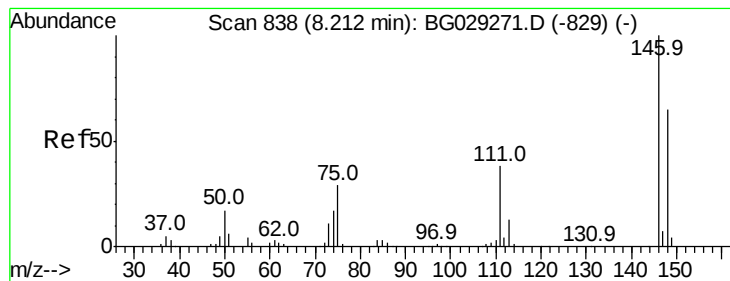
Tot Ion: 93 Resp: 209808
 Ion Ratio Lower Upper
 93 100
 63 78.1 67.1 107.1
 95 31.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 39.459 ng
 RT: 8.06 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion: 146 Resp: 225487
 Ion Ratio Lower Upper
 146 100
 148 61.6 51.4 77.2
 75 28.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 39.685 ng

RT: 8.20 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

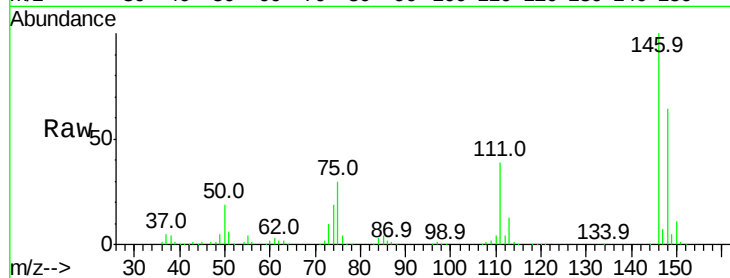
Tot Ion:146 Resp: 231536

Ion Ratio Lower Upper

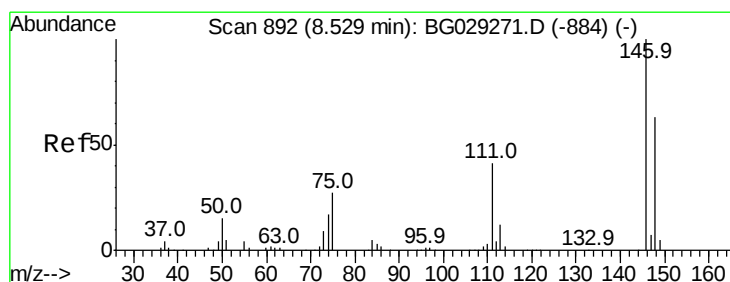
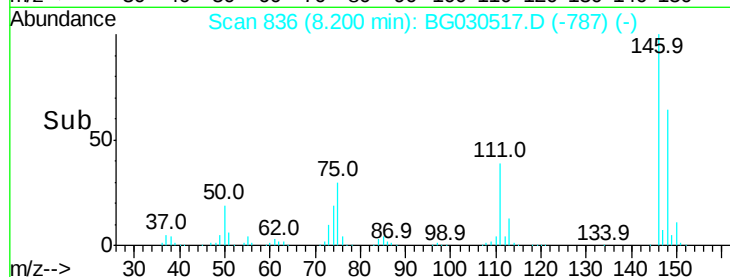
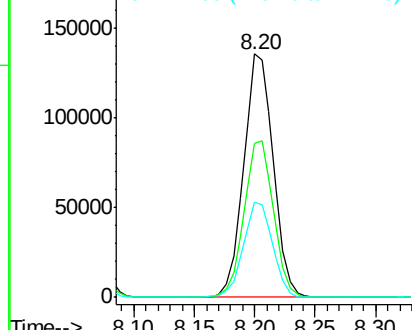
146 100

148 63.5 53.7 80.5

111 39.3 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: 39.558 ng

RT: 8.52 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

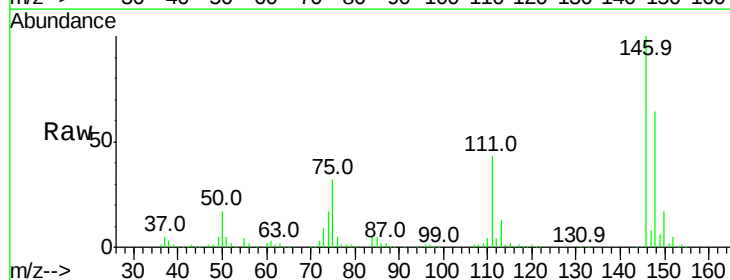
Tgt Ion:146 Resp: 222613

Ion Ratio Lower Upper

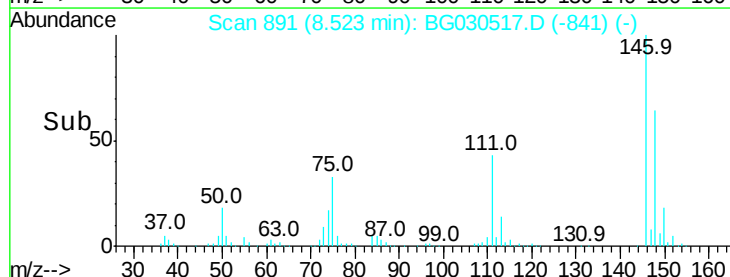
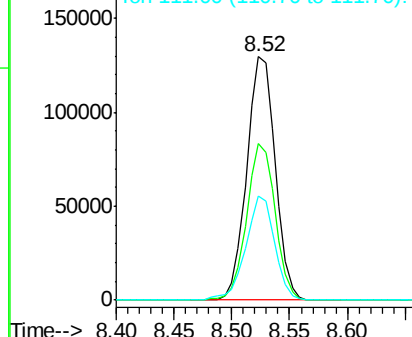
146 100

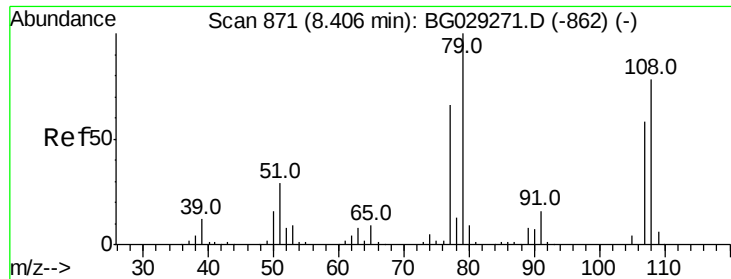
148 64.2 49.3 73.9

111 42.5 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

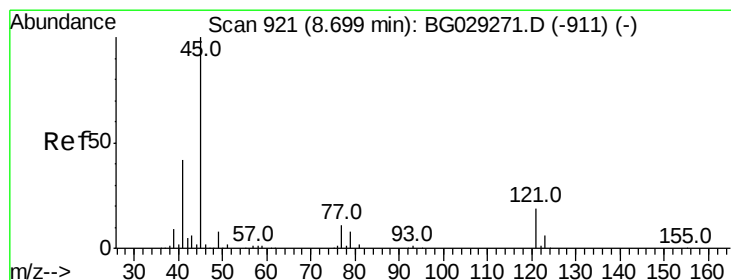
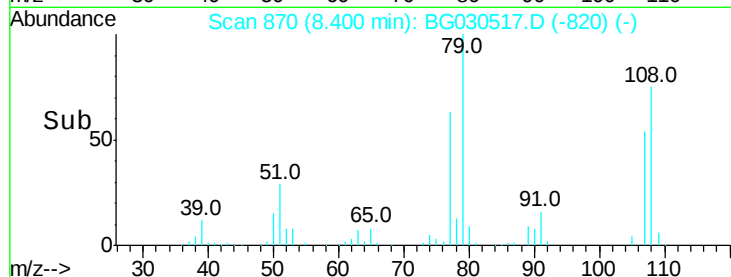
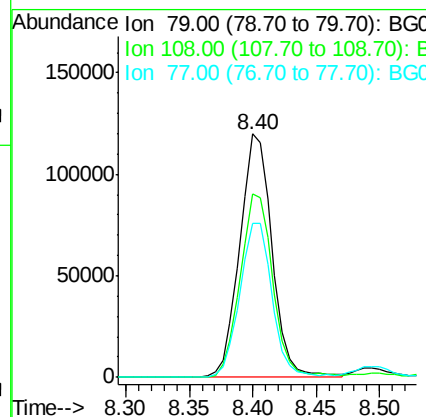
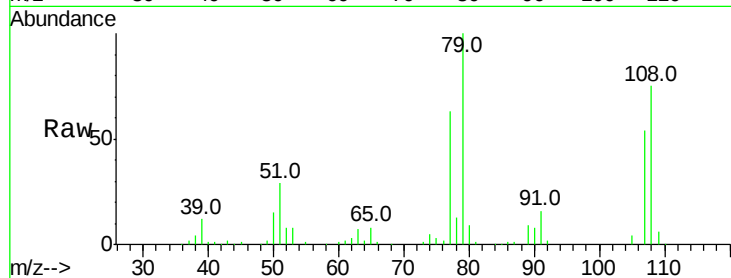




#15
Benzyl Alcohol
Concen: 48.339 ng
RT: 8.40 min Scan# 870
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

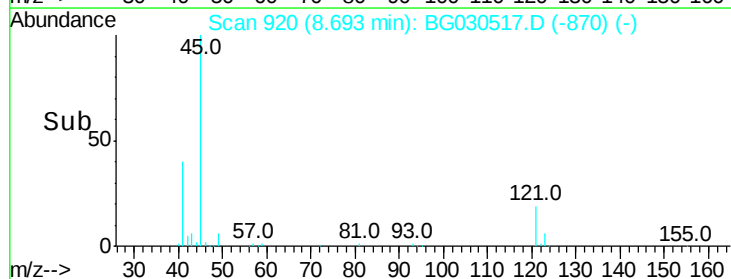
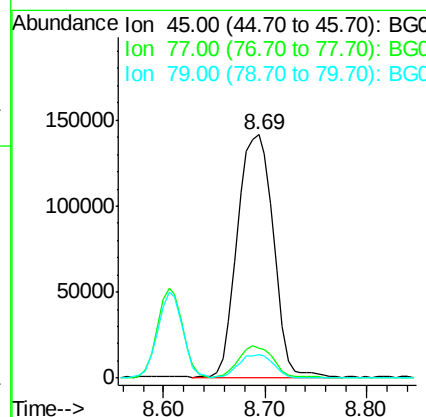
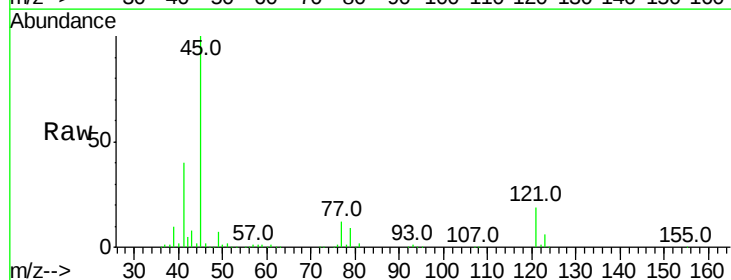
Instrument :
BNA_G
ClientSampleId :

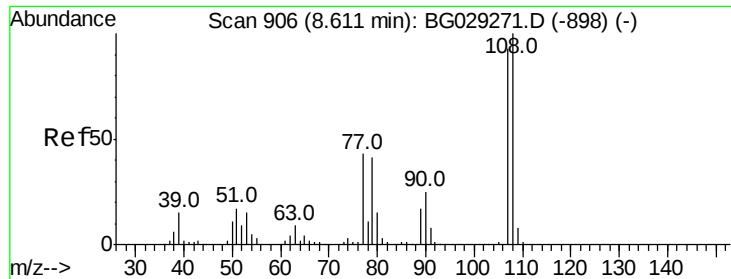
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.1	57.2	85.8
77	63.1	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.624 ng
RT: 8.69 min Scan# 920
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.3	0.0	30.2
79	9.4	0.0	27.9

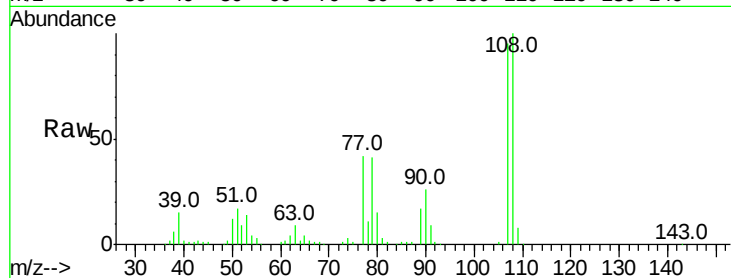




#17
2-Methylphenol
Concen: 43.911 ng
RT: 8.61 min Scan# 905
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	105.6	83.9	125.9
77	44.6	37.2	55.8
79	42.9	36.2	54.2



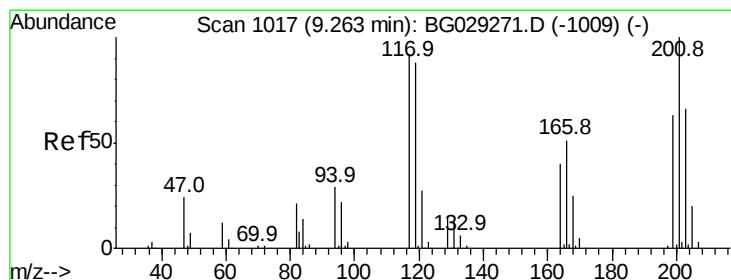
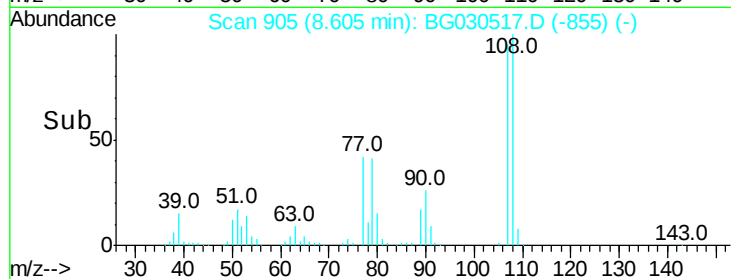
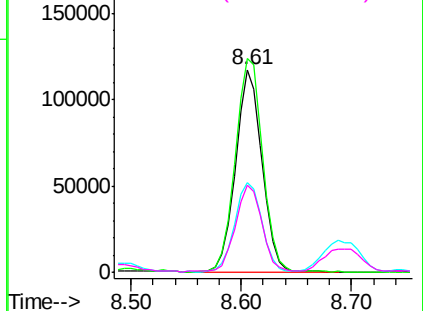
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

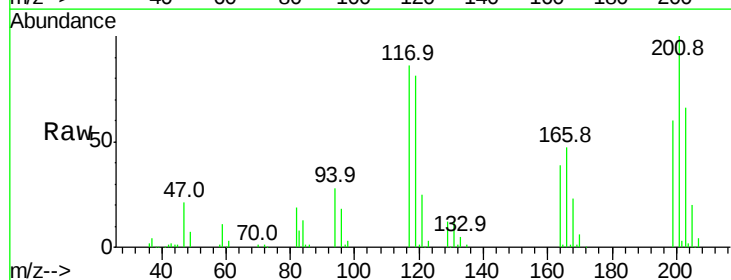
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.677 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.1	76.7	115.1
201	115.9	95.7	143.5

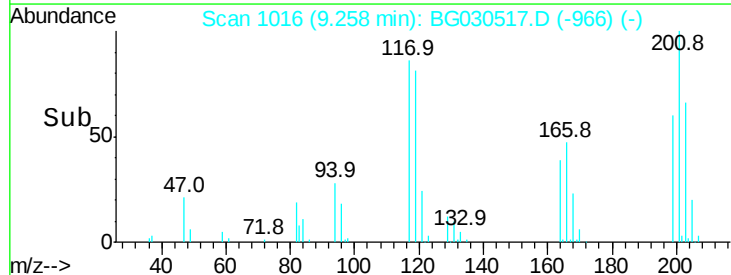
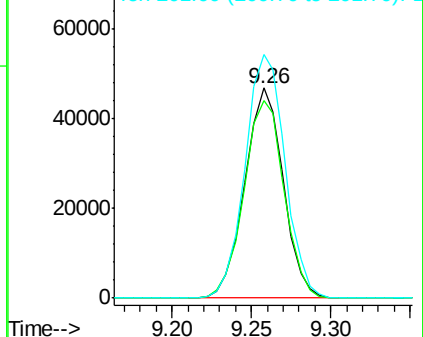


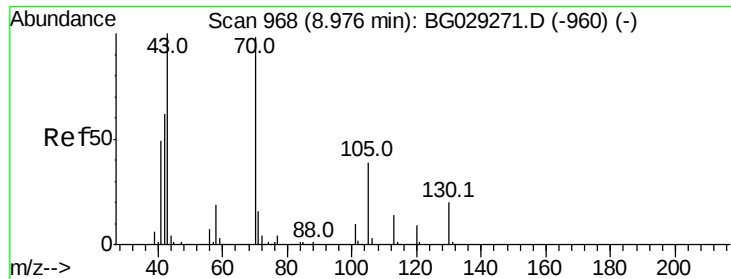
Abundance

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

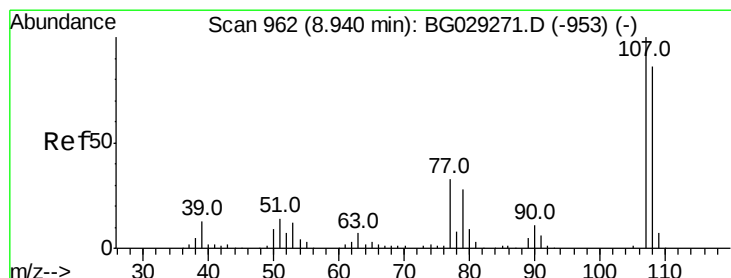
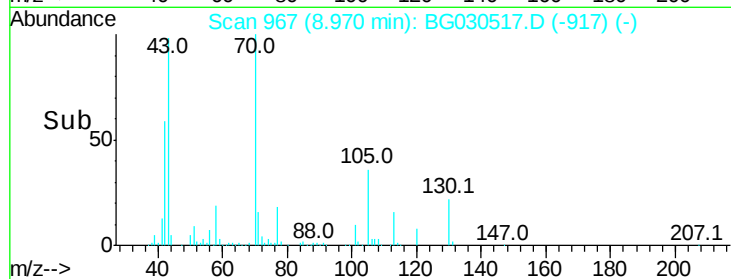
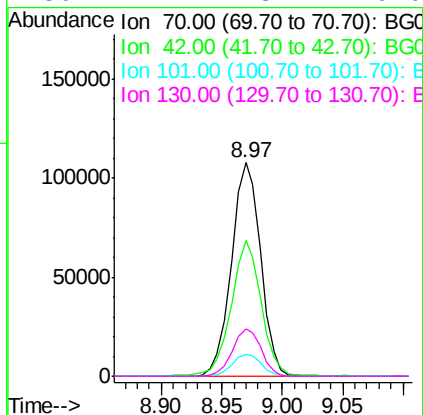
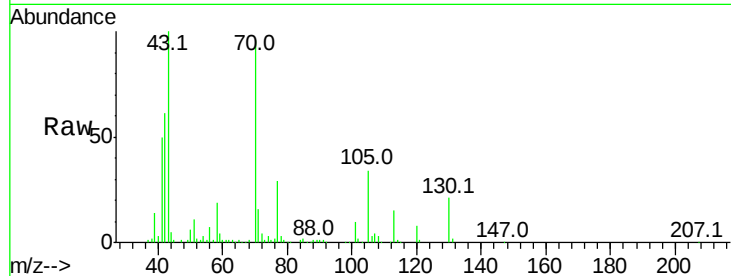




#19
n-Nitroso-di-n-propylamine
Concen: 42.679 ng
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

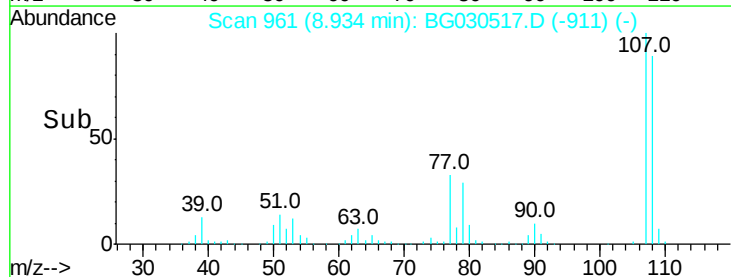
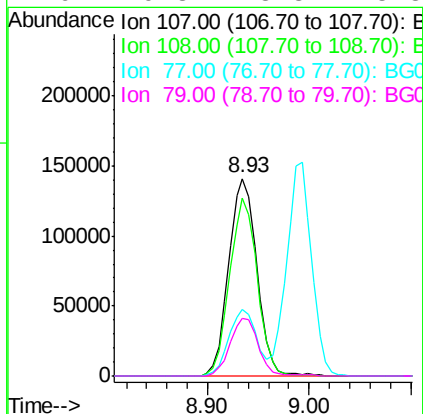
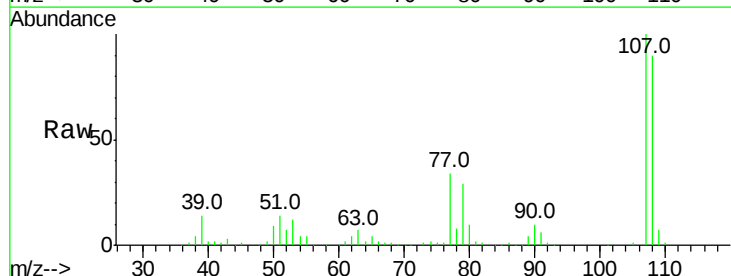
Instrument :
BNA_G
ClientSampleId :

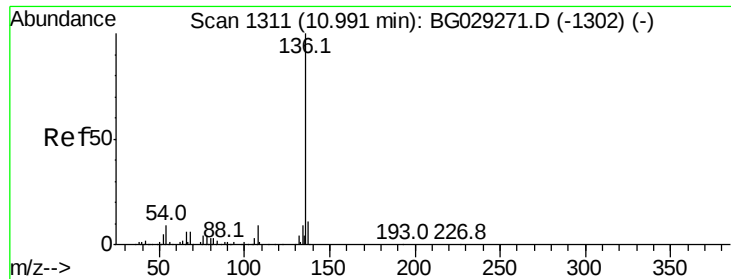
Tot Ion: 70 Resp: 180877
Ion Ratio Lower Upper
70 100
42 63.5 49.1 73.7
101 9.9 8.5 12.7
130 22.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 43.309 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:107 Resp: 272407
Ion Ratio Lower Upper
107 100
108 90.2 61.6 101.6
77 33.6 13.9 53.9
79 29.3 8.8 48.8

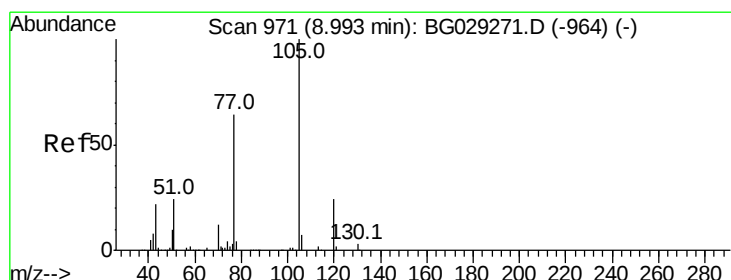
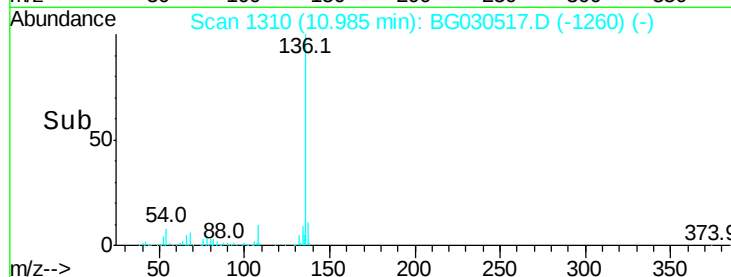
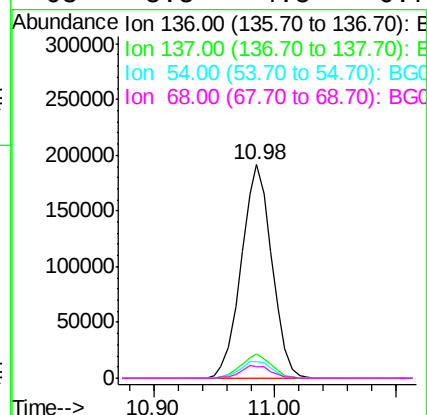
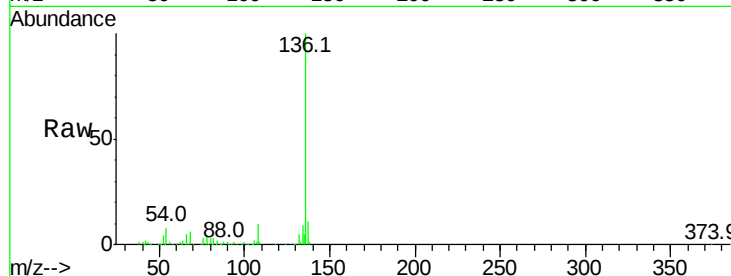




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

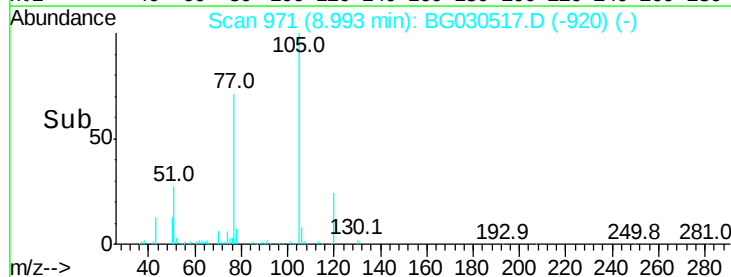
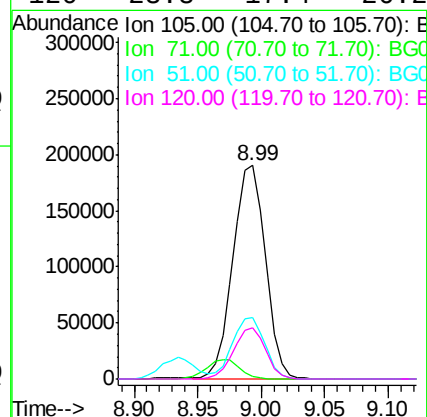
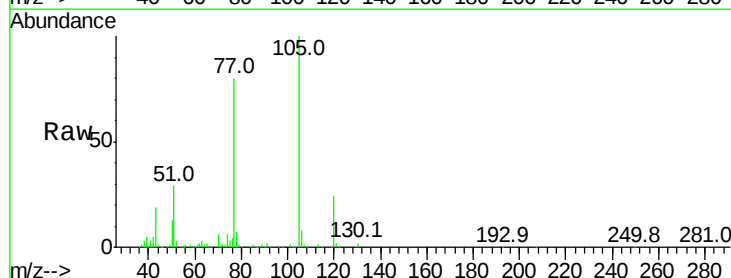
Instrument :
BNA_G
ClientSampled :

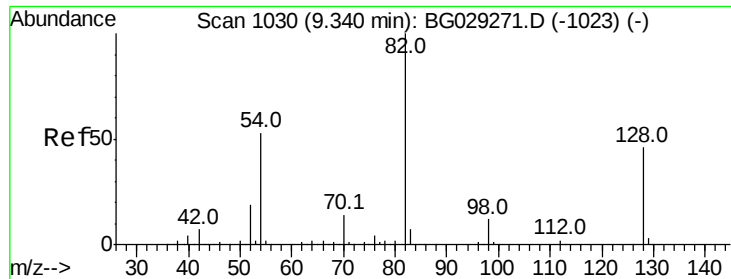
Tot Ion:136	Resp:	336493	
Ion Ratio	Lower	Upper	
136 100			
137 11.4	9.2	13.8	
54 7.6	10.3	15.5#	
68 5.5	4.5	6.7	



#22
Acetophenone
Concen: 41.713 ng
RT: 8.99 min Scan# 971
Delta R.T. -0.00 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt	Ion:105	Resp:	338260
Ion	Ratio	Lower	Upper
105	100		
71	1.2	3.0	4.4#
51	28.8	26.1	39.1
120	23.8	17.4	26.2

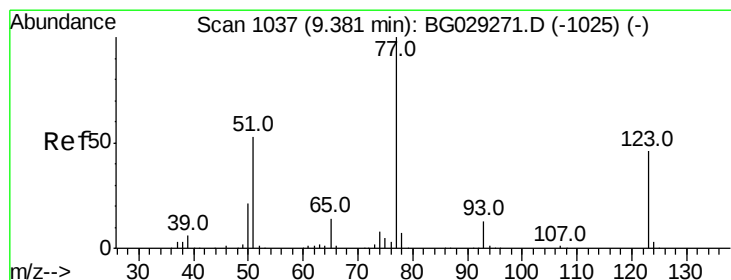
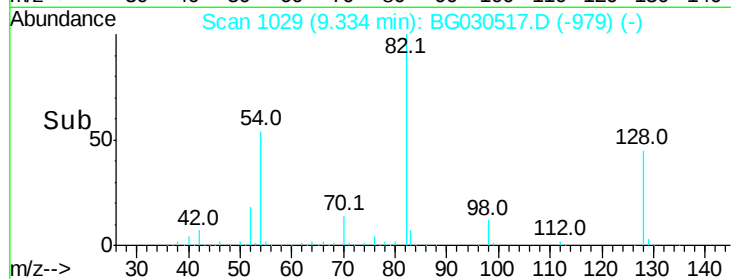
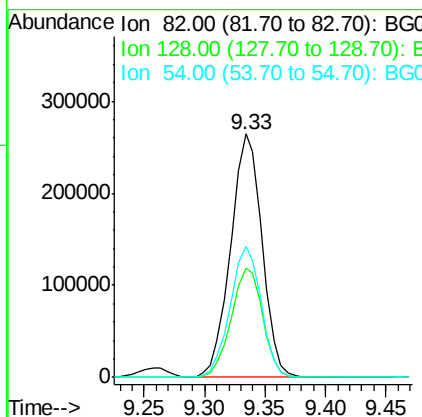
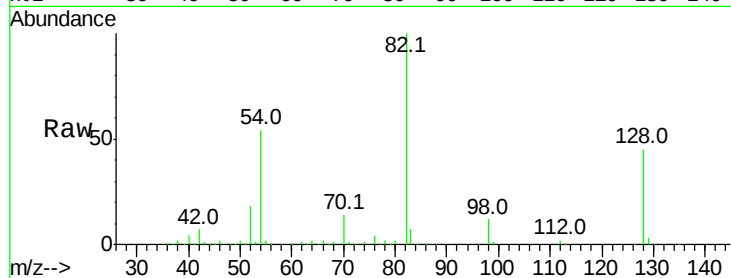




#23
 Nitrobenzene-d5
 Concen: 90.119 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

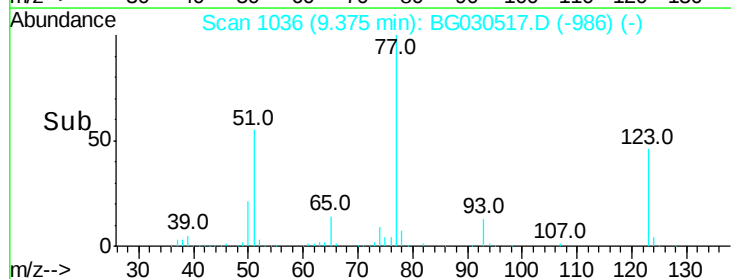
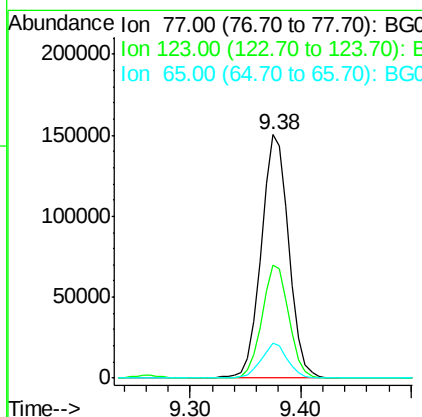
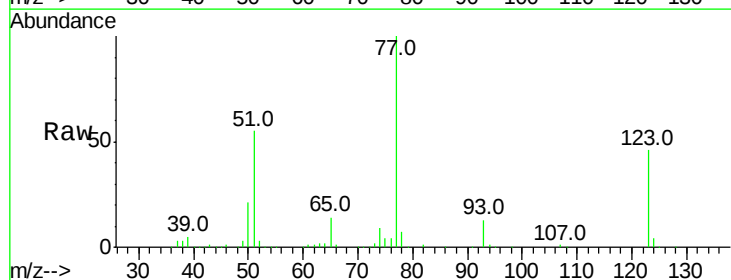
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	477197
Ion Ratio	100	Lower	Upper
128	44.7	29.7	44.5#
54	53.8	43.1	64.7



#24
 Nitrobenzene
 Concen: 44.015 ng
 RT: 9.38 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	77	Resp	262050
Ion Ratio	100	Lower	Upper
123	46.3	33.0	49.6
65	14.3	13.0	19.6





#25

Isophorone

Concen: 46.086 ng

RT: 9.90 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

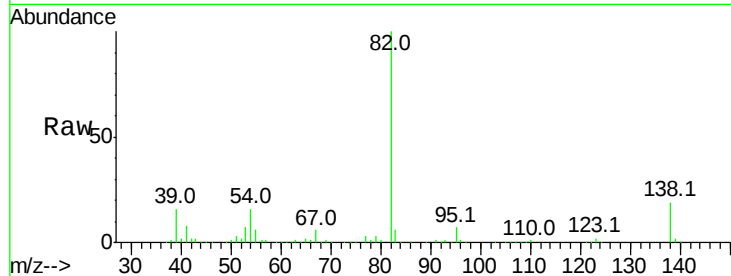
Tot Ion: 82 Resp: 509449

Ion Ratio Lower Upper

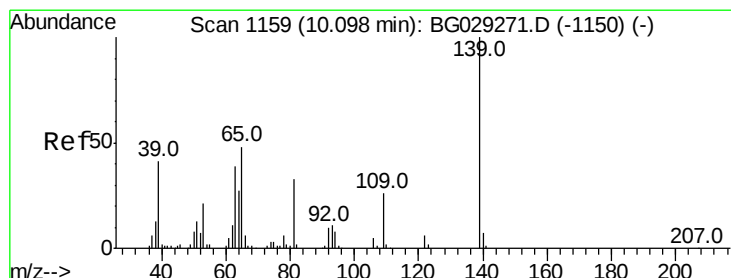
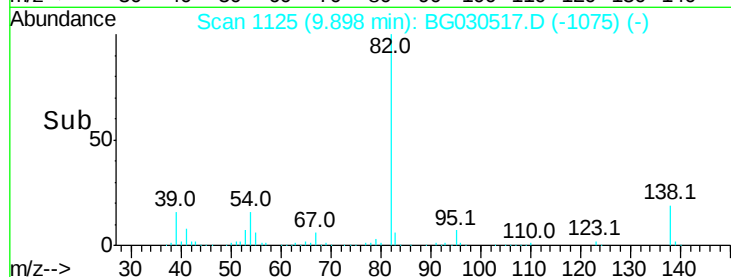
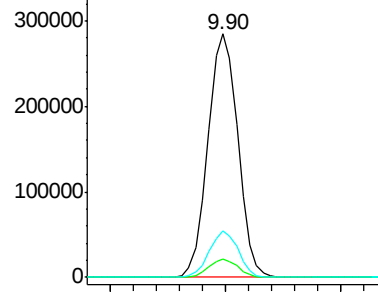
82 100

95 7.5 6.2 9.2

138 18.9 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: 47.654 ng

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

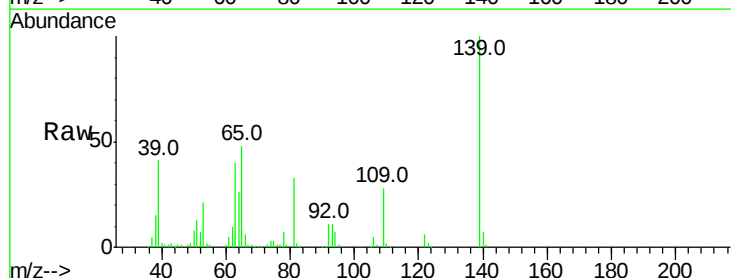
Tgt Ion:139 Resp: 135602

Ion Ratio Lower Upper

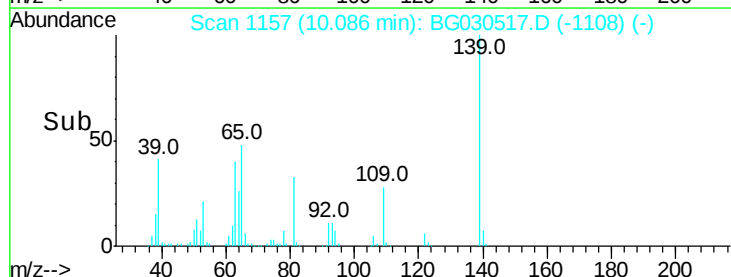
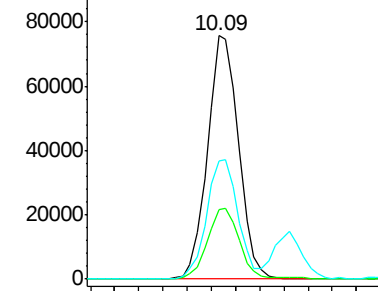
139 100

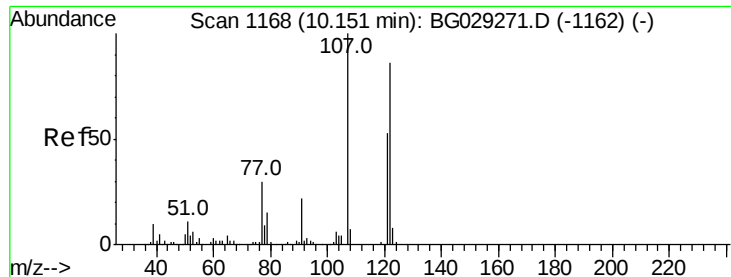
109 28.5 24.2 36.2

65 48.4 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: 44.659 ng

RT: 10.14 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

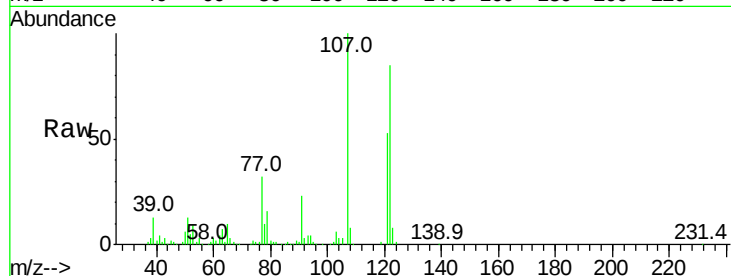
Tot Ion:122 Resp: 229918

Ion Ratio Lower Upper

122 100

107 117.1 100.2 150.2

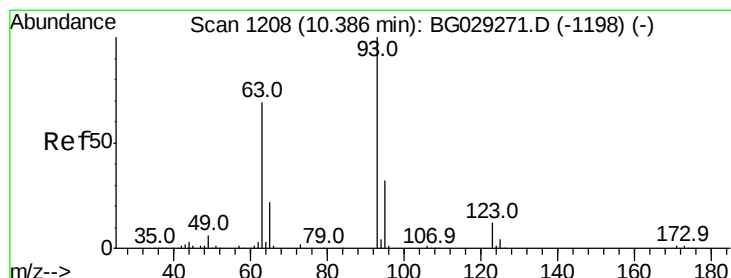
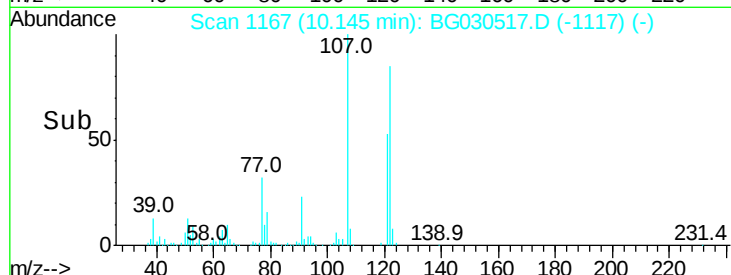
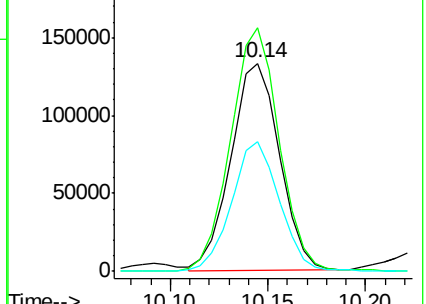
121 62.3 44.4 66.6



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: 45.464 ng

RT: 10.37 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

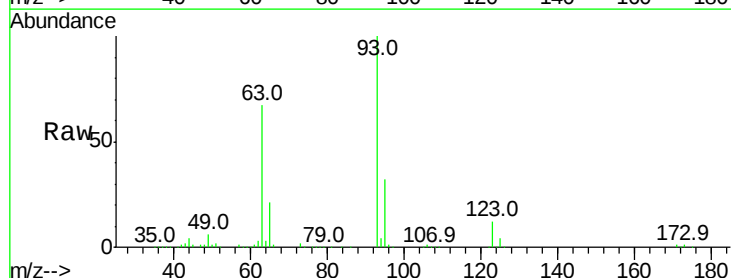
Tgt Ion: 93 Resp: 308171

Ion Ratio Lower Upper

93 100

95 32.2 24.3 36.5

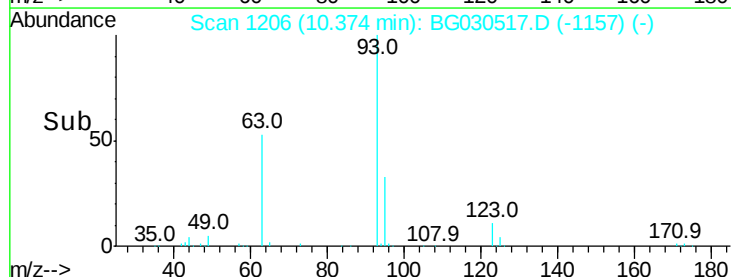
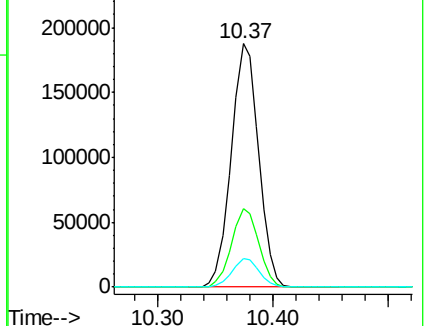
123 11.5 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

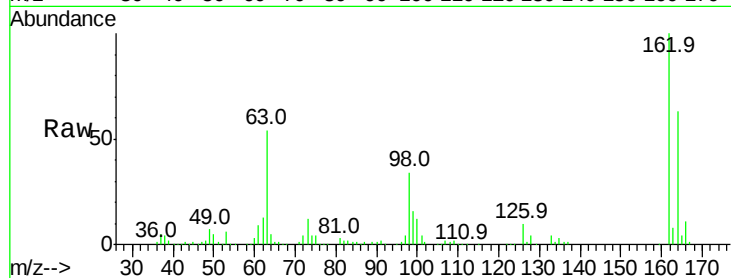




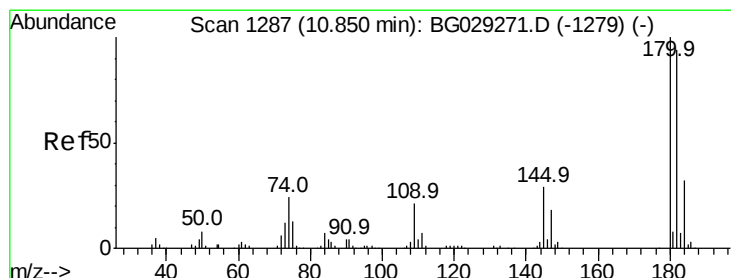
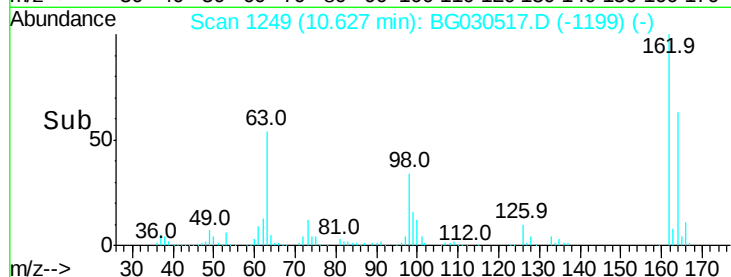
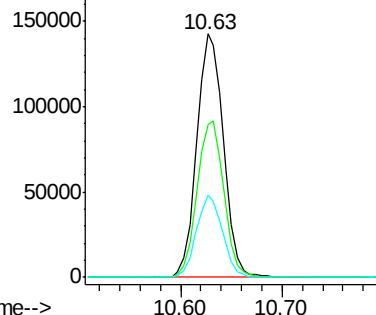
#29
 2,4-Dichlorophenol
 Concen: 47.276 ng
 RT: 10.63 min Scan# 1249
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.0	48.0	88.0
98	34.1	21.1	61.1

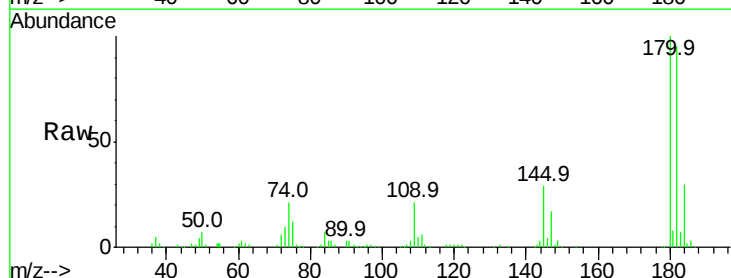


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

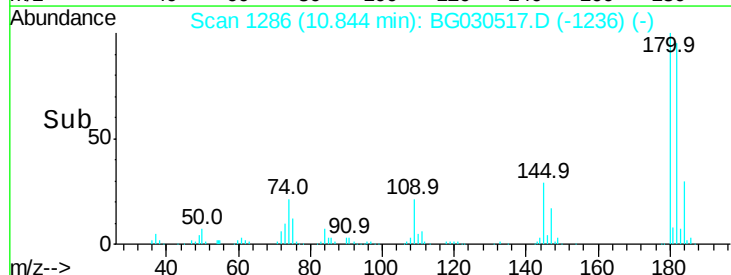
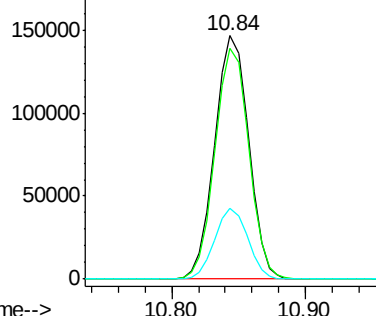


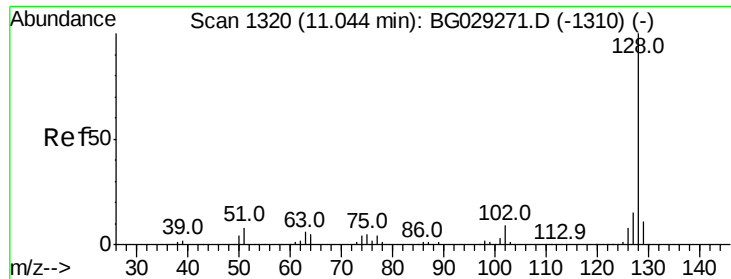
#30
 1,2,4-Trichlorobenzene
 Concen: 43.445 ng
 RT: 10.84 min Scan# 1286
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.5	116.3
145	28.9	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

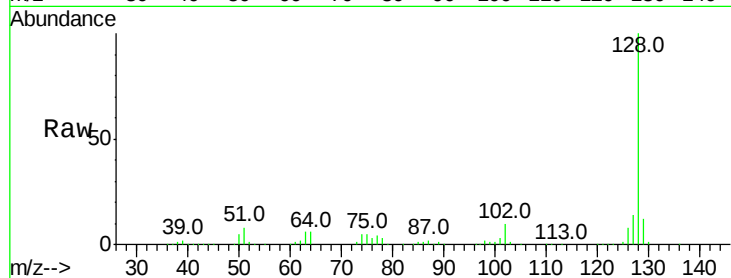




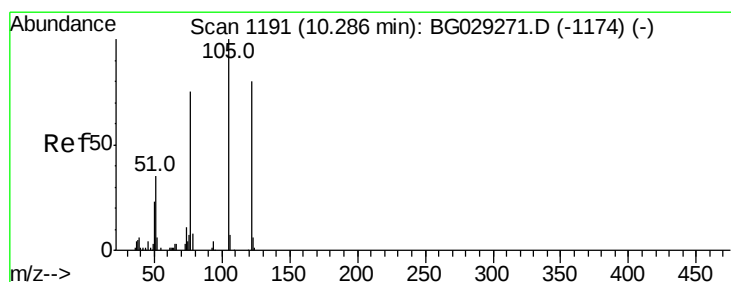
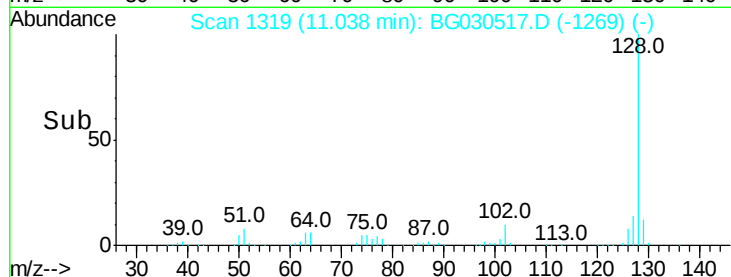
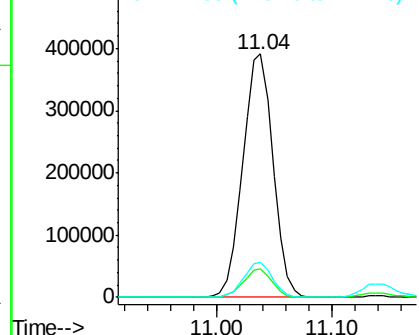
#31
Naphthalene
Concen: 42.216 ng
RT: 11.04 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 707961
Ion Ratio Lower Upper
128 100
129 11.7 8.6 12.8
127 14.2 11.6 17.4

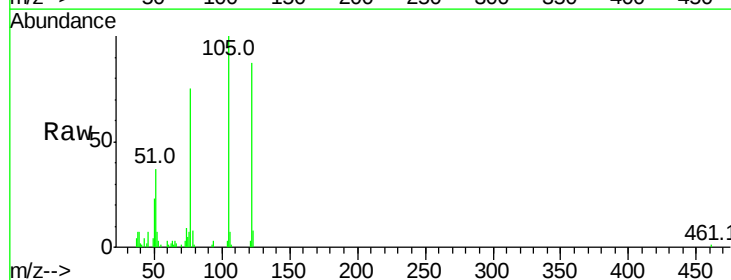


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

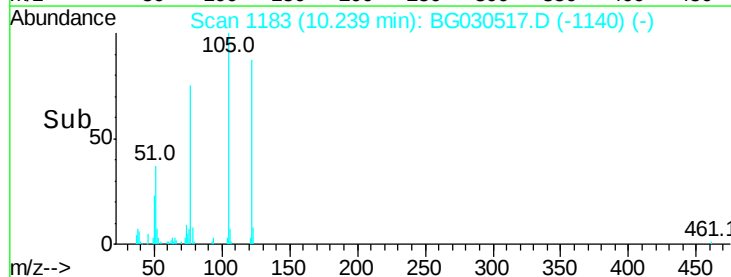
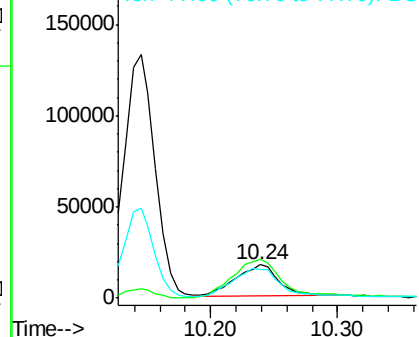


#32
Benzoic acid
Concen: 9.702 ng
RT: 10.24 min Scan# 1183
Delta R.T. -0.05 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:122 Resp: 41822
Ion Ratio Lower Upper
122 100
105 115.3 123.5 163.5#
77 86.5 85.7 125.7



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

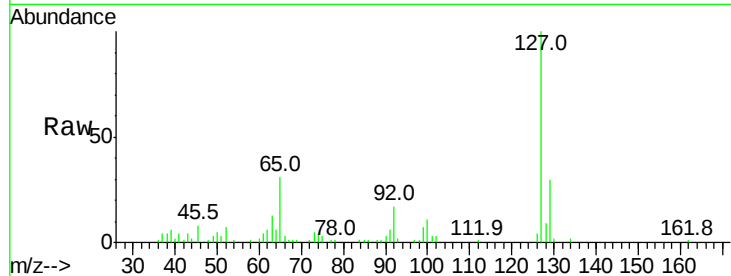




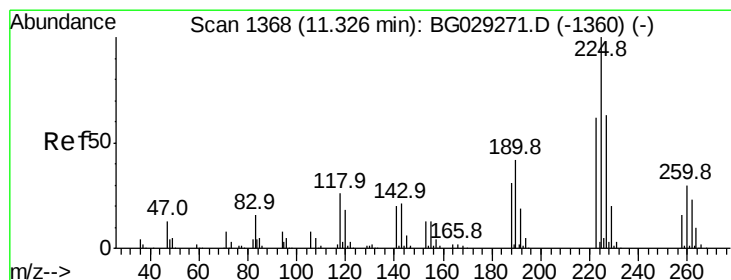
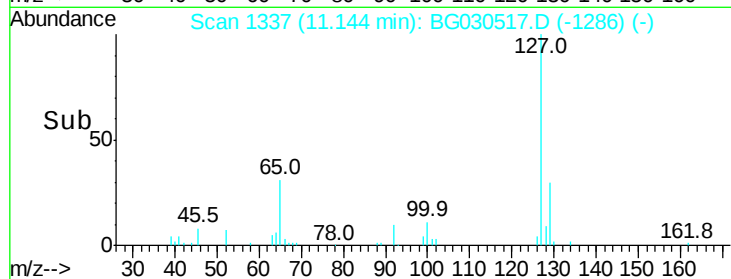
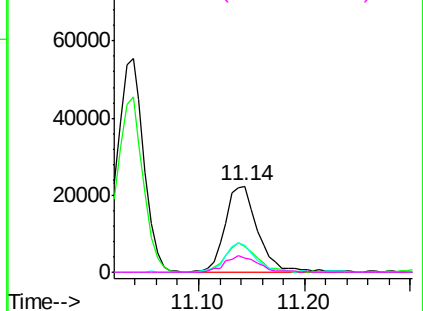
#33
4-Chloroaniline
Concen: 6.802 ng
RT: 11.14 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	47980
Ion	Ratio	Lower	Upper
127	100		
129	30.4	24.0	36.0
65	31.1	27.0	40.4
92	16.7	16.6	25.0

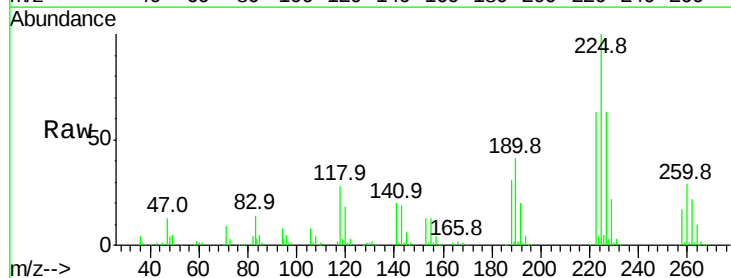


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

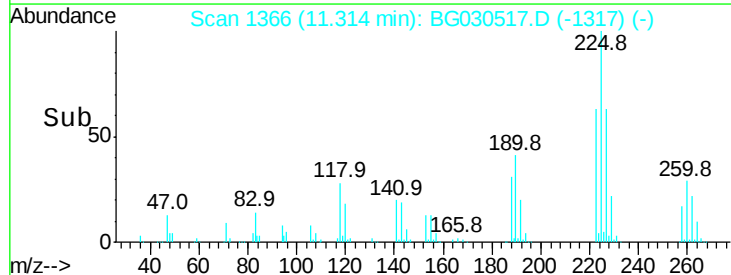
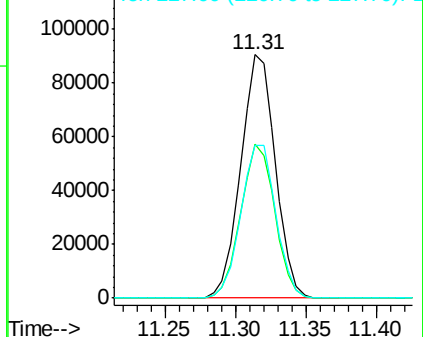


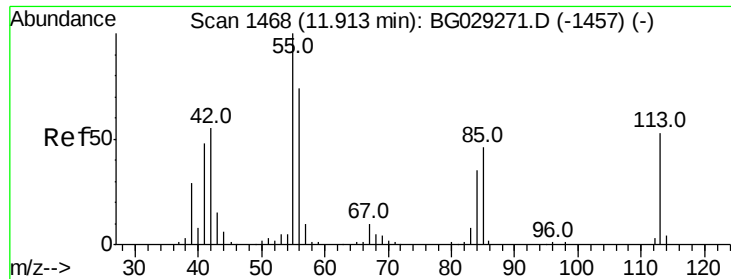
#34
Hexachlorobutadiene
Concen: 42.136 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:	225	Resp:	155387
Ion	Ratio	Lower	Upper
225	100		
223	63.4	49.7	74.5
227	62.9	48.1	72.1



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





#35

Caprolactam

Concen: 38.444 ng

RT: 11.91 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

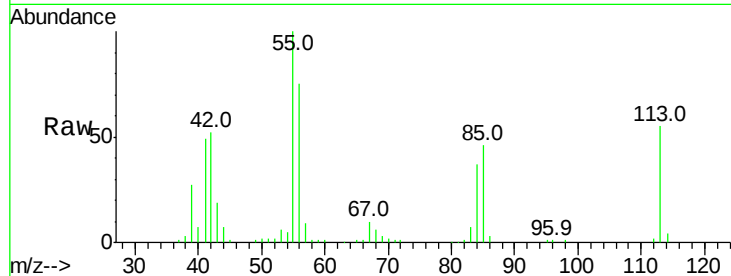
Tot Ion:113 Resp: 70145

Ion Ratio Lower Upper

113 100

55 182.3 186.9 226.9#

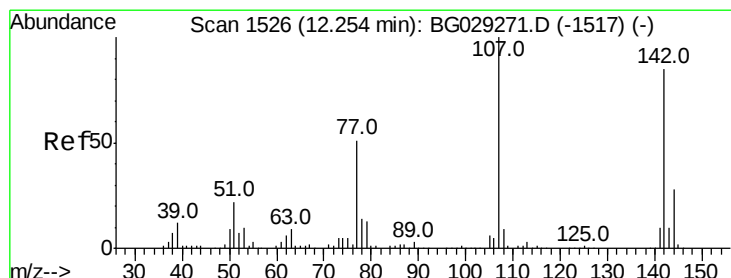
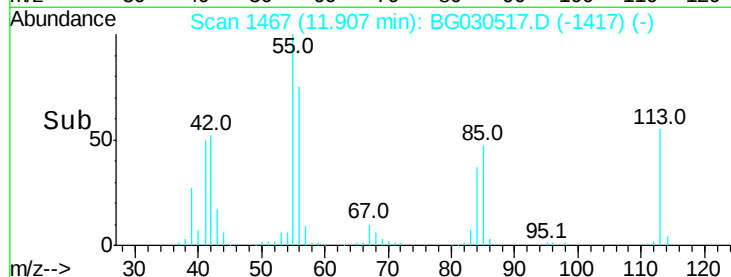
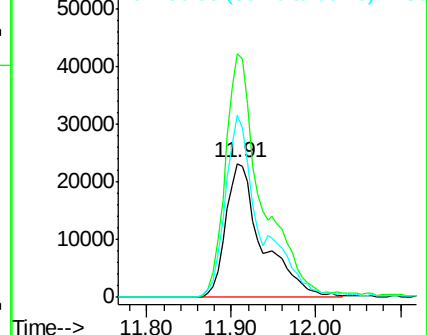
56 136.1 130.9 170.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 46.165 ng

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

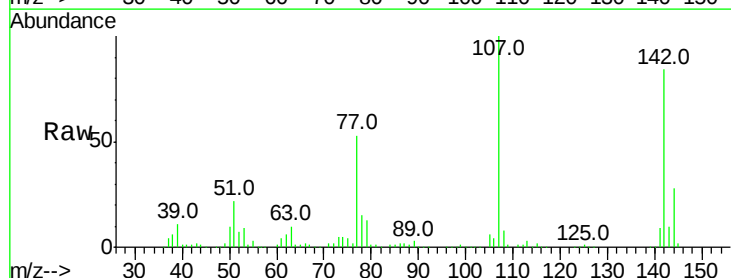
Tgt Ion:107 Resp: 278755

Ion Ratio Lower Upper

107 100

144 28.5 18.2 27.4#

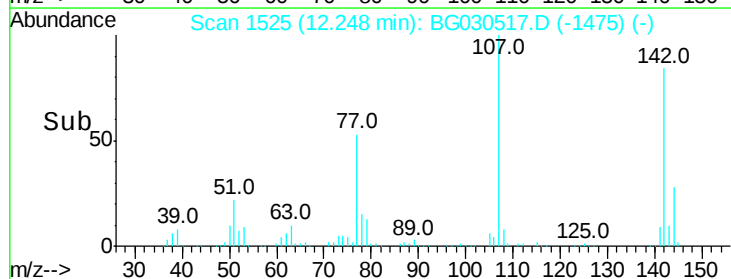
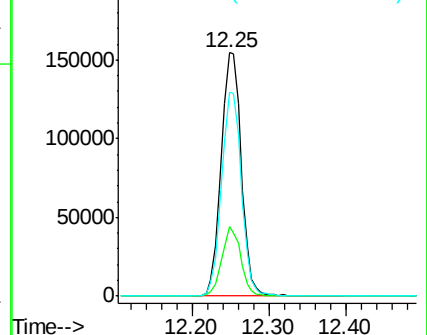
142 84.0 59.0 88.4

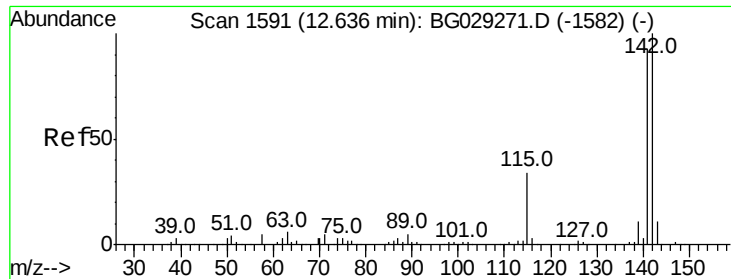


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

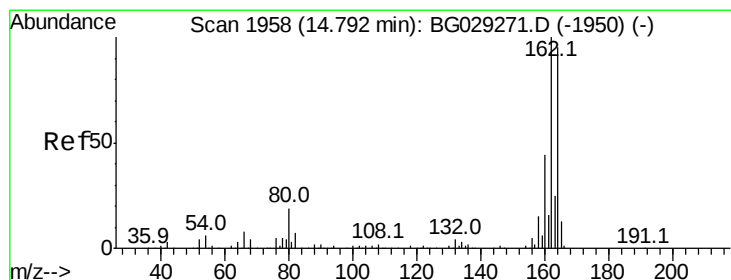
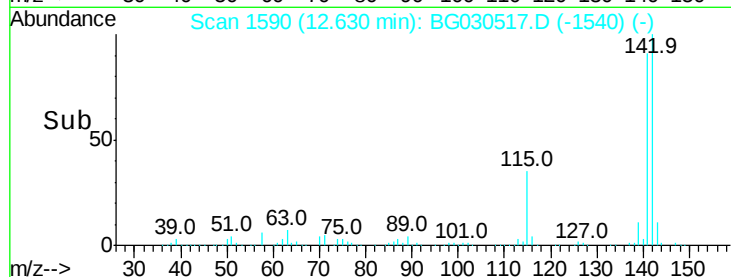
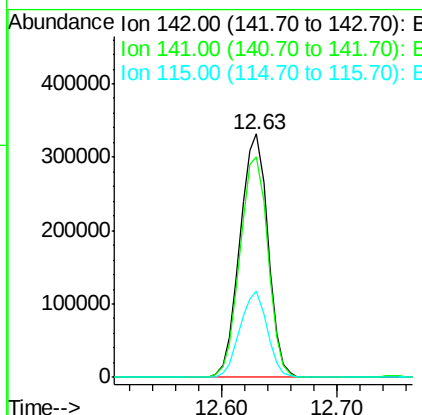
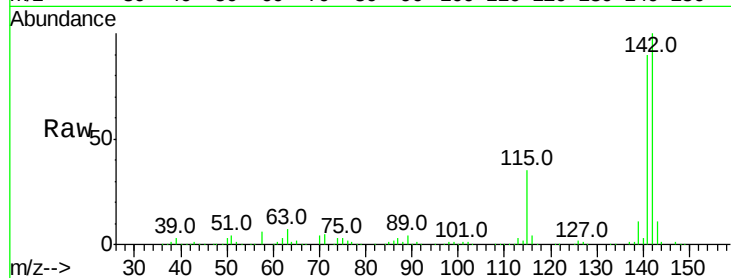




#37
2-Methylnaphthalene
Concen: 45.626 ng
RT: 12.63 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

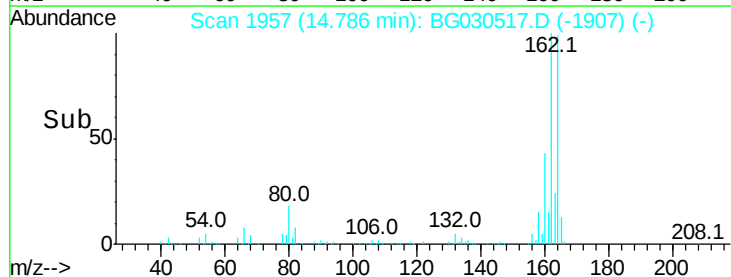
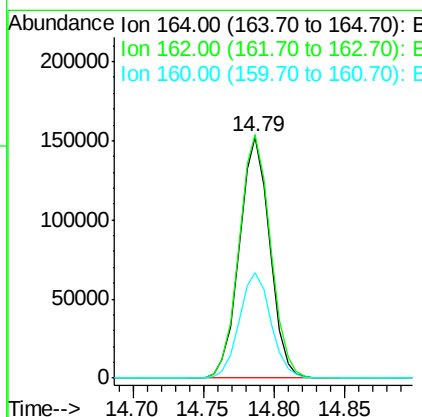
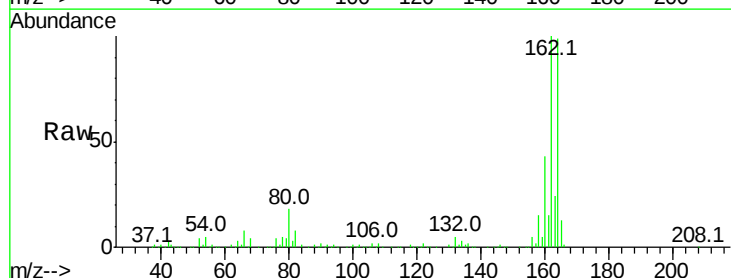
Instrument :
BNA_G
ClientSampleId :

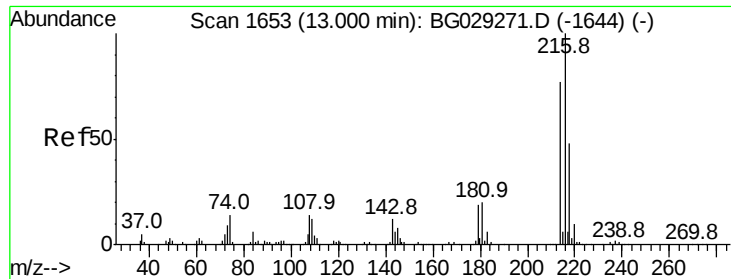
Tot Ion:142 Resp: 557661
Ion Ratio Lower Upper
142 100
141 90.5 67.1 100.7
115 35.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:164 Resp: 228757
Ion Ratio Lower Upper
164 100
162 100.9 78.8 118.2
160 43.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.523 ng

RT: 12.99 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 313392

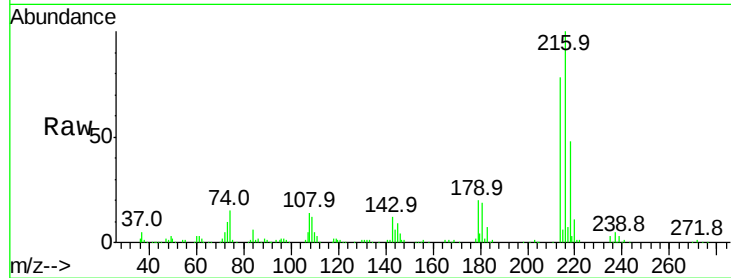
Ion Ratio Lower Upper

216 100

214 77.6 63.0 94.4

179 20.1 17.0 25.6

108 16.5 12.8 19.2

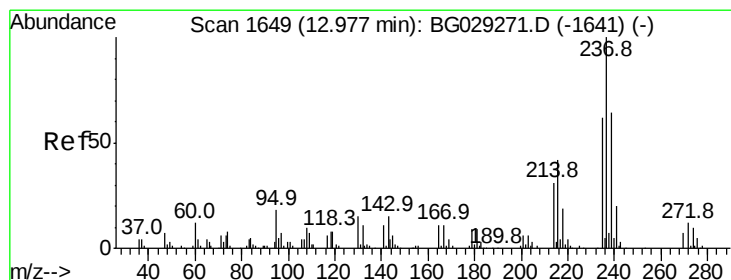
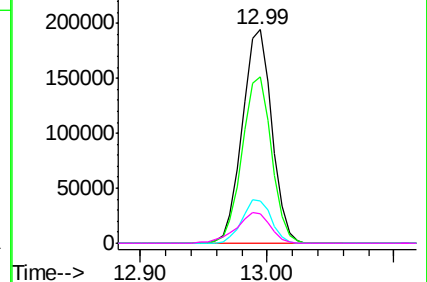
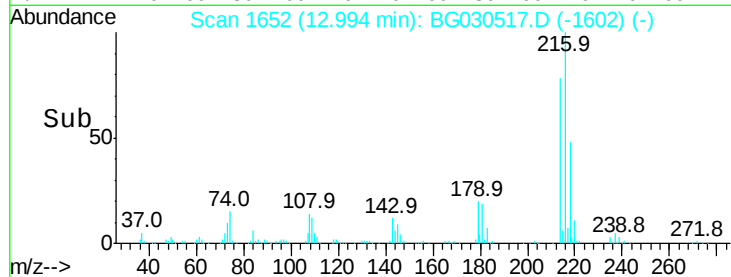


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 90.850 ng

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

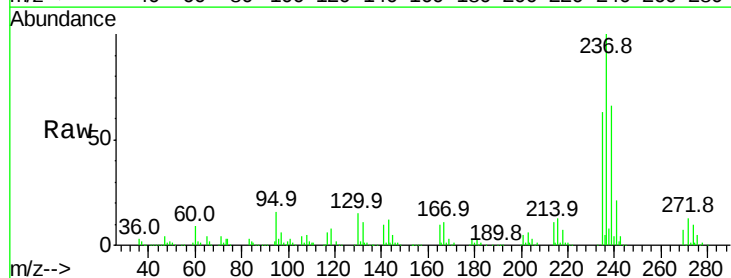
Tgt Ion:237 Resp: 289563

Ion Ratio Lower Upper

237 100

235 63.2 50.4 90.4

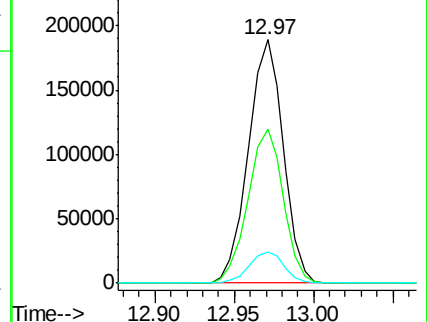
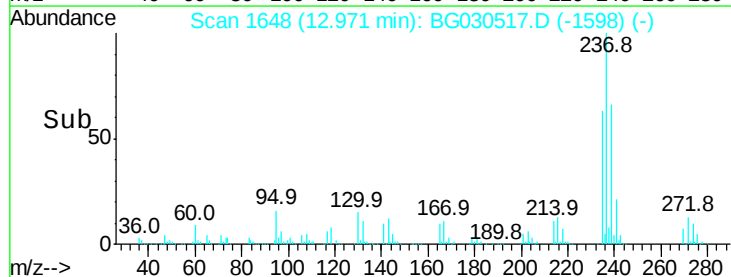
272 12.8 0.0 31.8

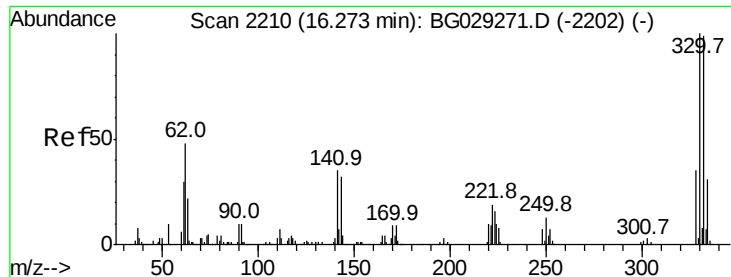


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

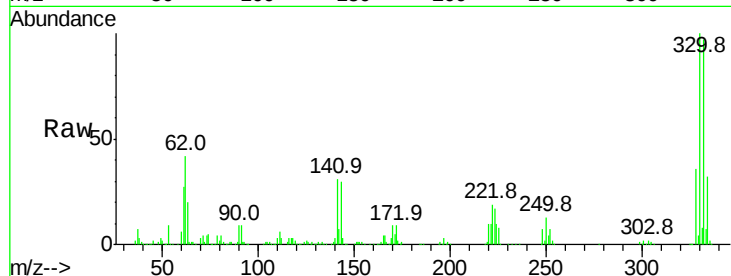




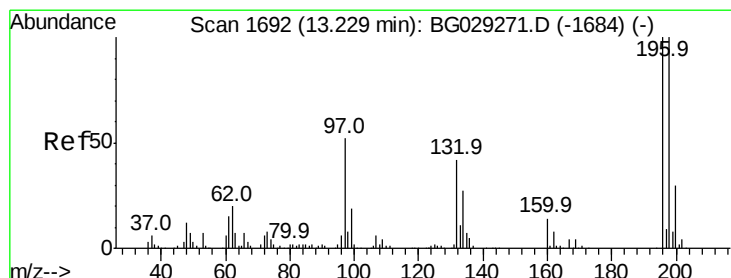
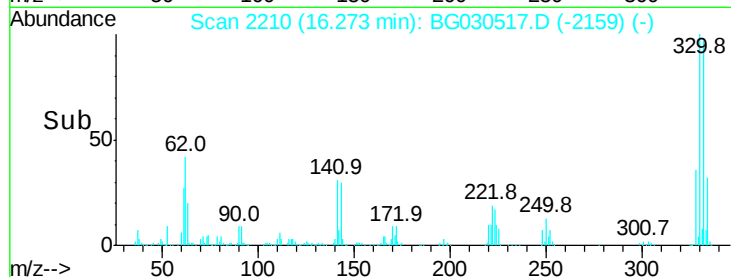
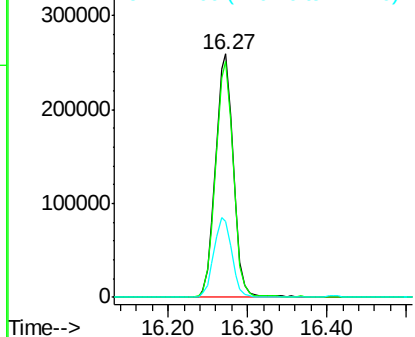
#41
 2,4,6-Tribromophenol
 Concen: 137.020 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.2	25.2	37.8

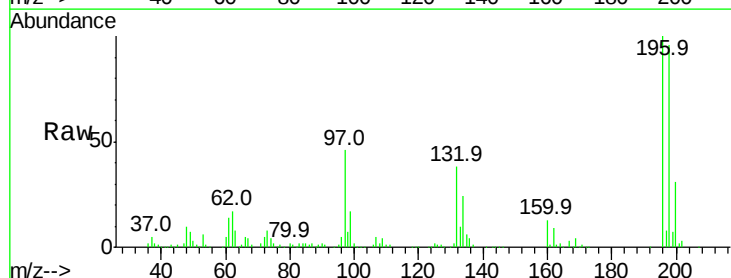


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

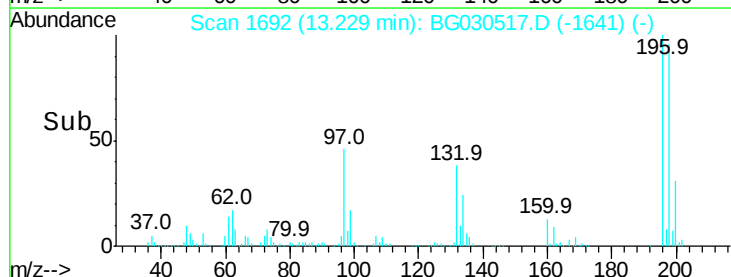
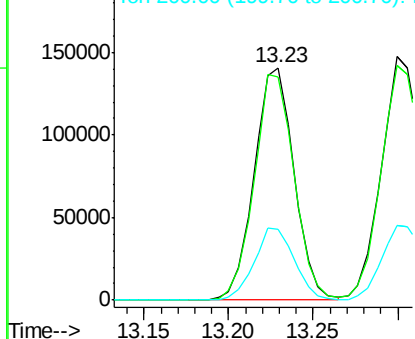


#42
 2,4,6-Trichlorophenol
 Concen: 43.840 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	78.2	117.2
200	30.7	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

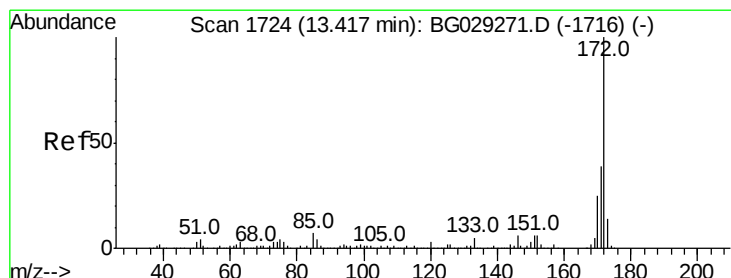
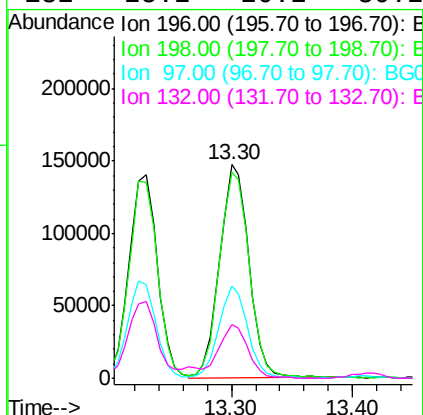
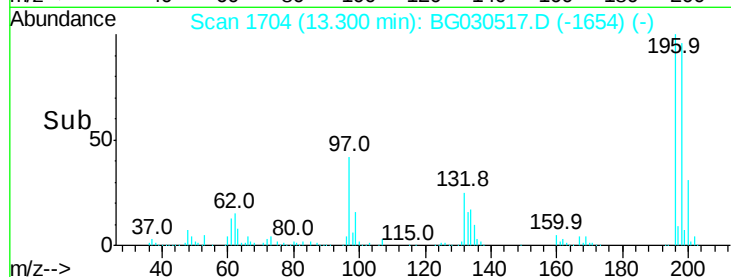
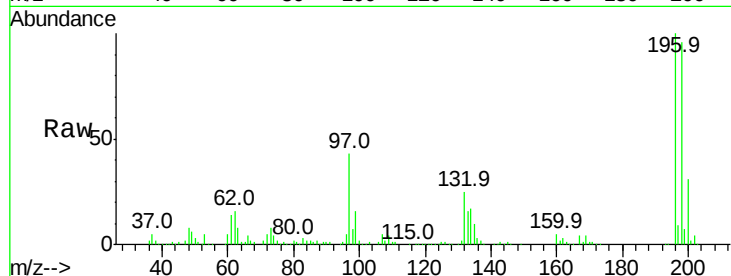




#43
 2,4,5-Trichlorophenol
 Concen: 45.775 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

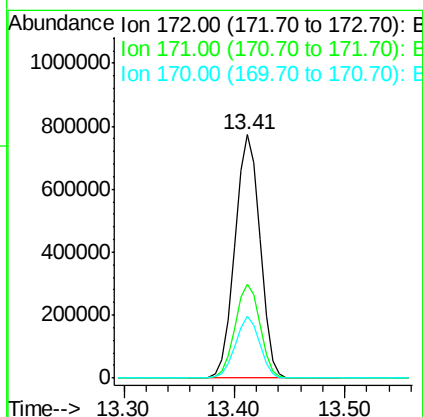
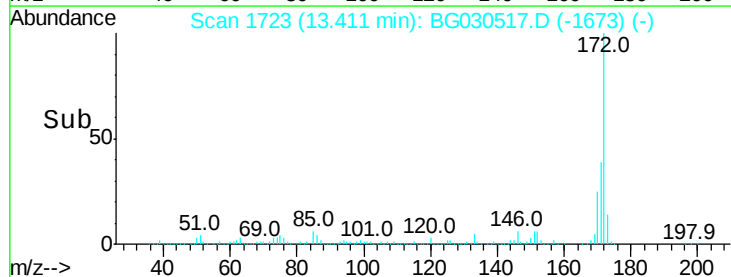
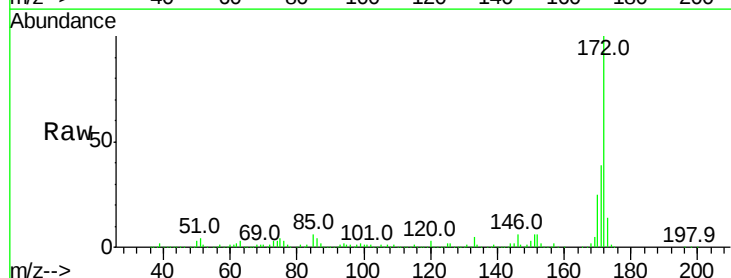
Instrument :
 BNA_G
 ClientSampleId :

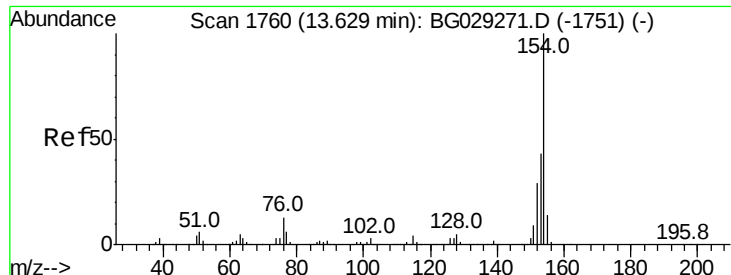
Tot Ion:196 Resp: 246471
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.4
 97 43.1 38.7 58.1
 132 25.2 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 79.303 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion:172 Resp: 1236912
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.4 19.5 29.3

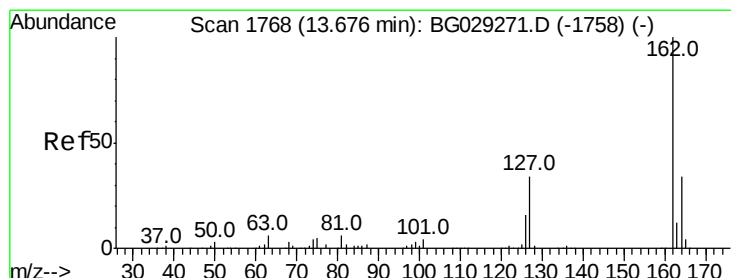
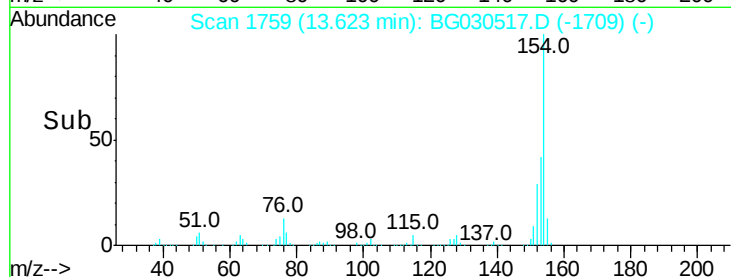
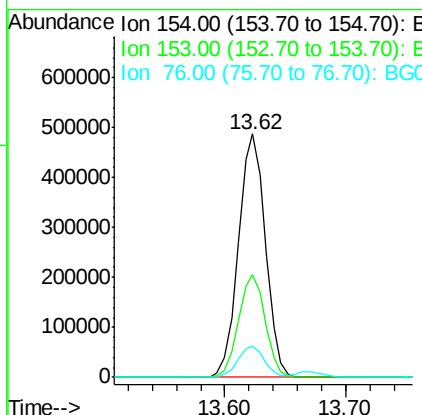
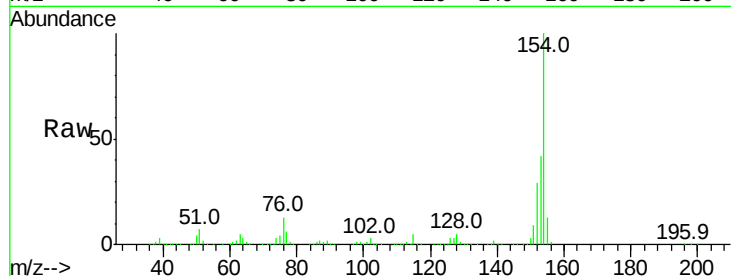




#45
 1,1'-Biphenyl
 Concen: 38.397 ng
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

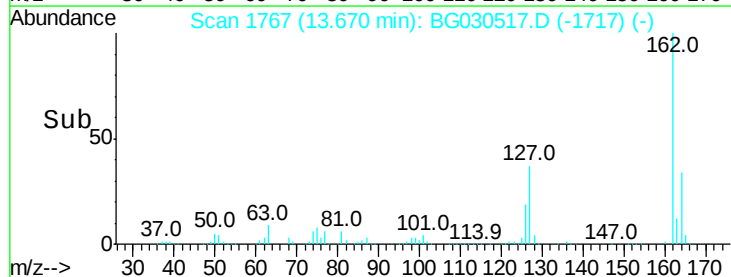
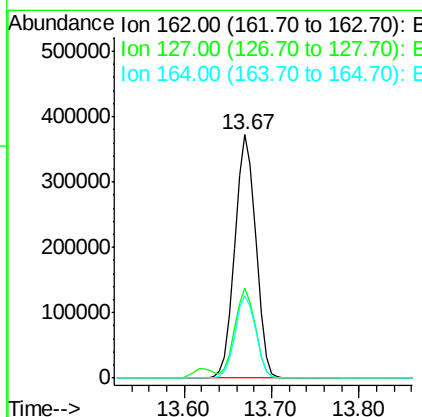
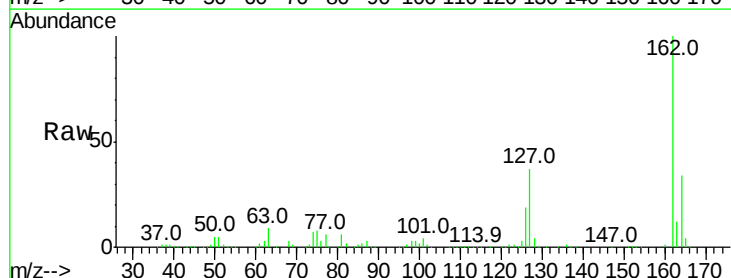
Instrument :
 BNA_G
 ClientSampleId :

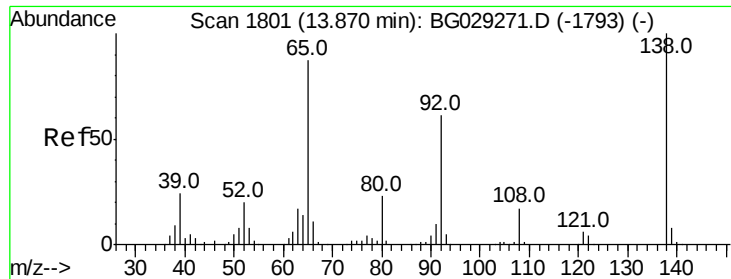
Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	19.8	59.8
76	12.9	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.756 ng
 RT: 13.67 min Scan# 1767
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.7	46.1
164	33.7	26.0	39.0

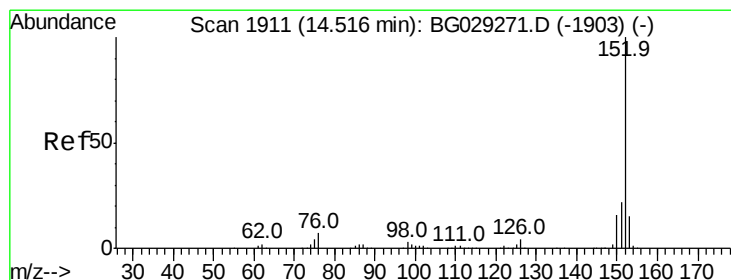
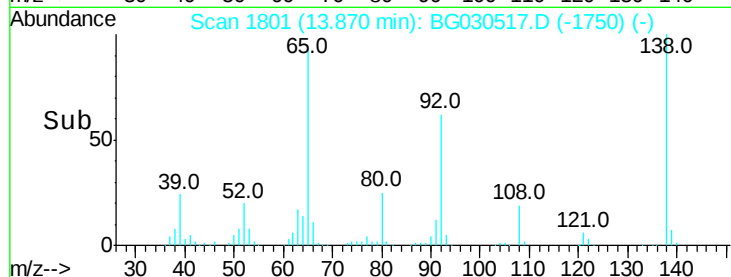
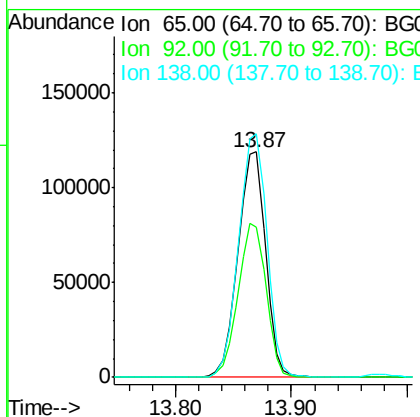
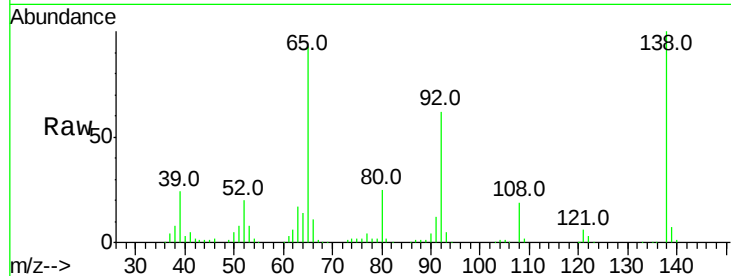




#47
2-Nitroaniline
Concen: 50.497 ng
RT: 13.87 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

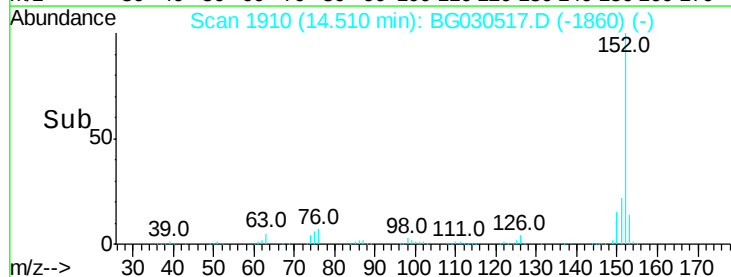
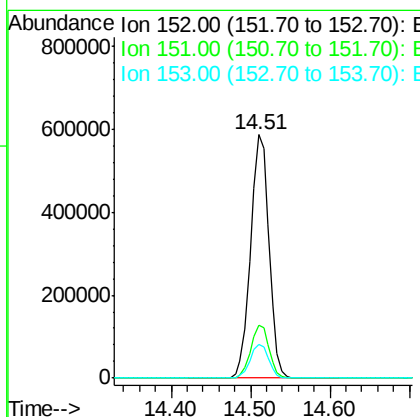
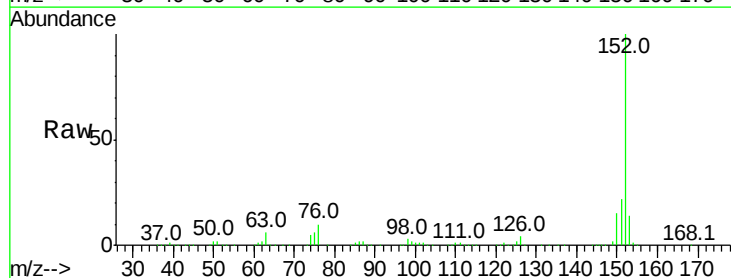
Instrument :
BNA_G
ClientSampleId :

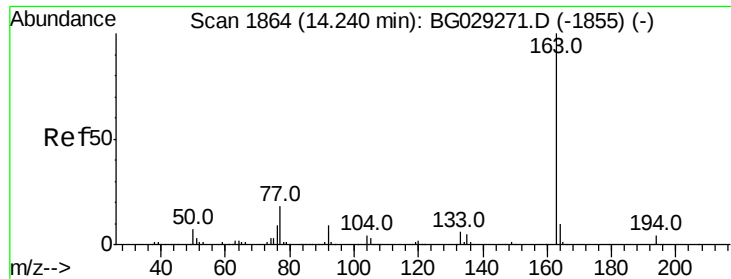
Tot Ion: 65 Resp: 198925
Ion Ratio Lower Upper
65 100
92 66.7 54.6 82.0
138 108.0 72.9 109.3



#48
Acenaphthylene
Concen: 42.301 ng
RT: 14.51 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion: 152 Resp: 949493
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 14.0 10.2 15.4





#49

Dimethylphthalate

Concen: 44.703 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

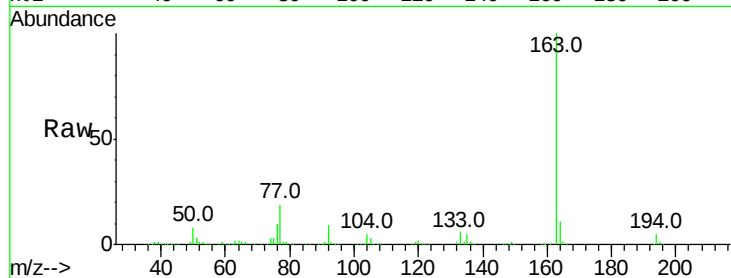
Tot Ion:163 Resp: 797869

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

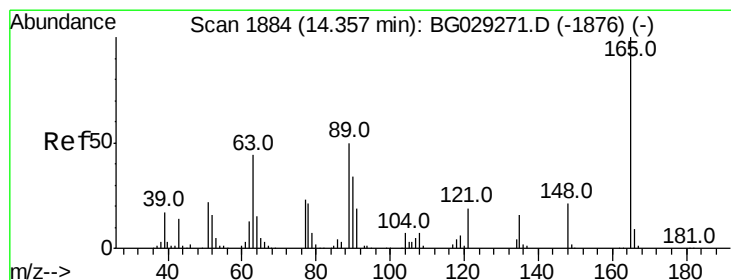
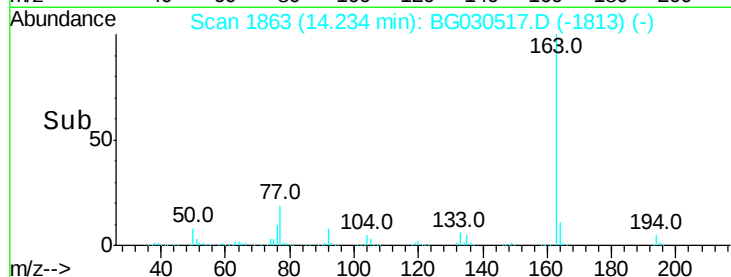
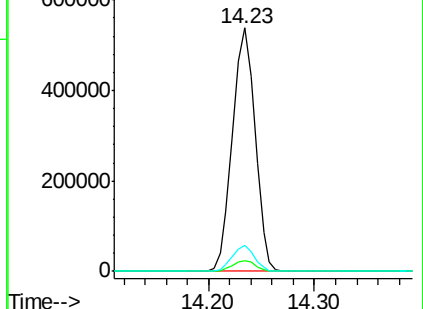
164 10.6 8.2 12.4



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: 49.805 ng

RT: 14.36 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

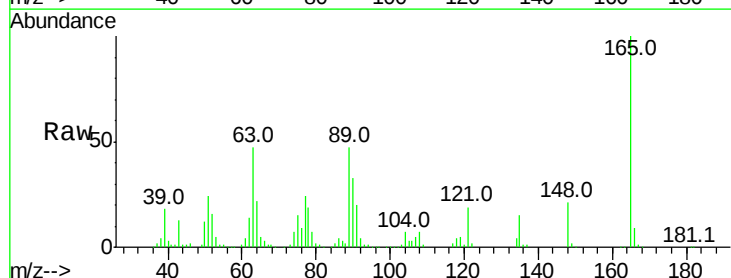
Tgt Ion:165 Resp: 186349

Ion Ratio Lower Upper

165 100

63 47.1 52.7 79.1#

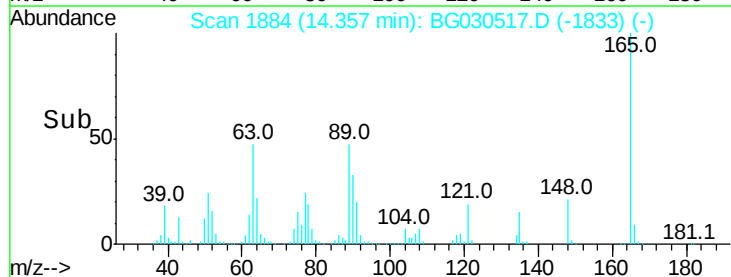
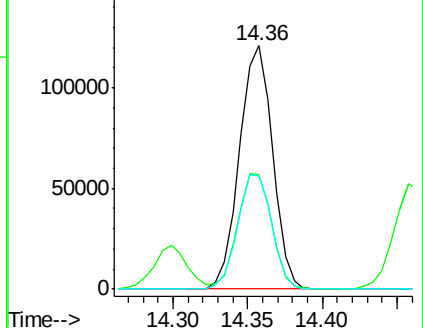
89 46.6 49.2 73.8#

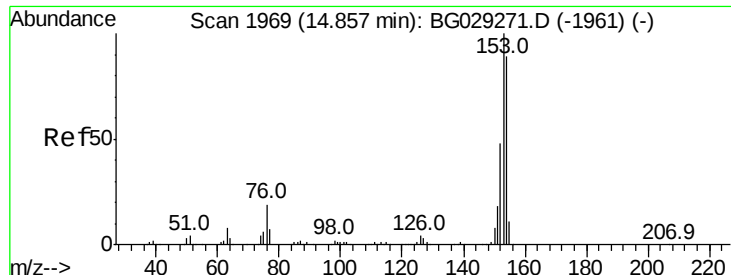


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.877 ng

RT: 14.85 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

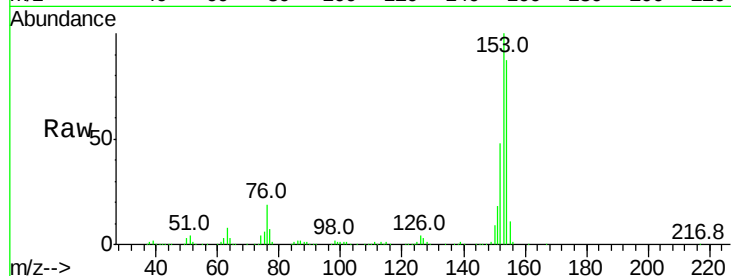
Tot Ion:154 Resp: 582377

Ion Ratio Lower Upper

154 100

153 114.4 90.4 135.6

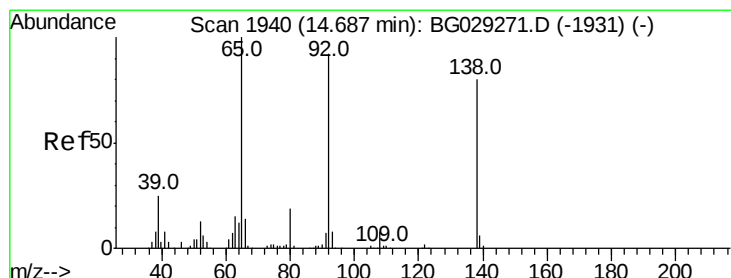
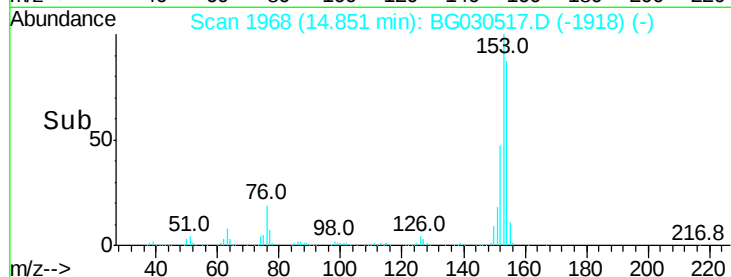
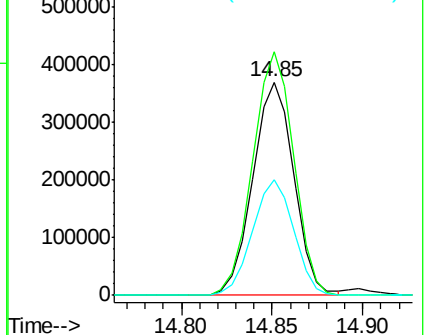
152 54.5 41.6 62.4



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: 31.835 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

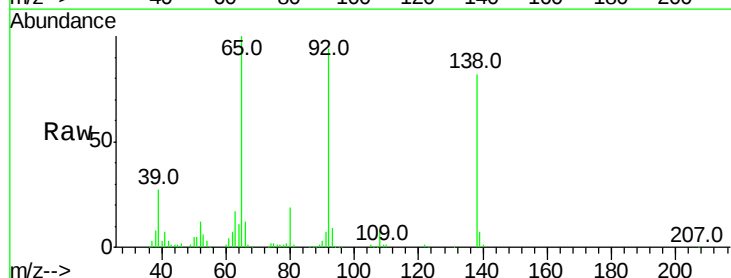
Tgt Ion:138 Resp: 128532

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

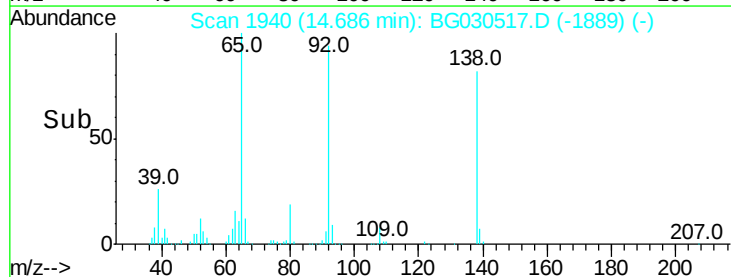
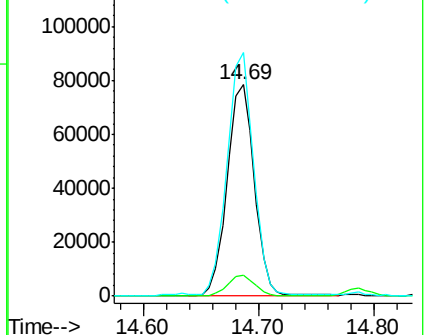
92 115.4 105.8 158.8



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

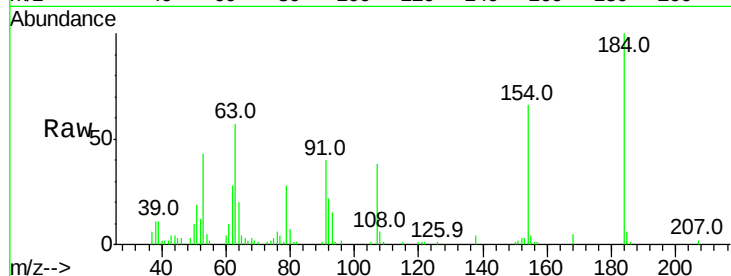




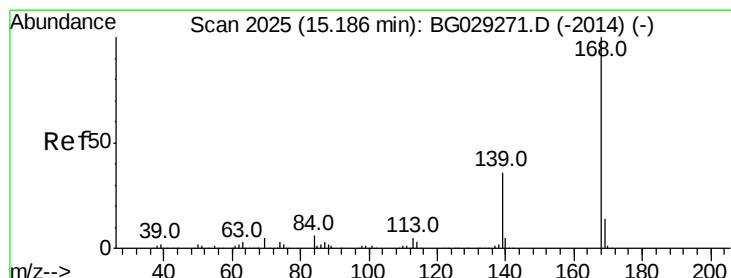
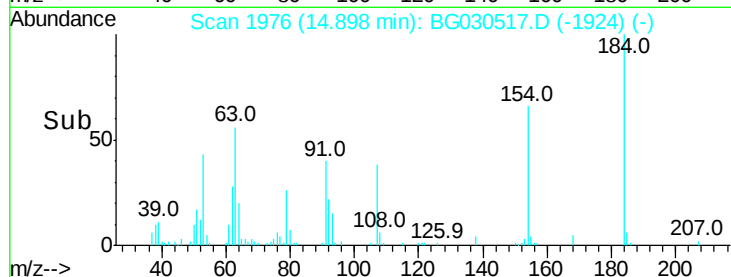
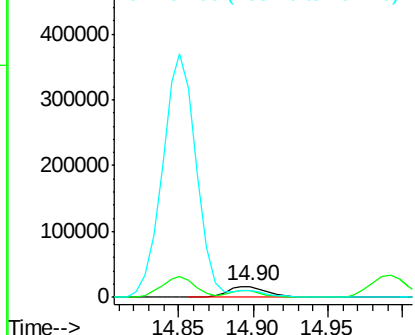
#53
2,4-Dinitrophenol
Concen: 20.333 ng
RT: 14.90 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:184 Resp: 30783
Ion Ratio Lower Upper
184 100
63 56.7 59.8 89.8#
154 66.2 101.8 152.8#

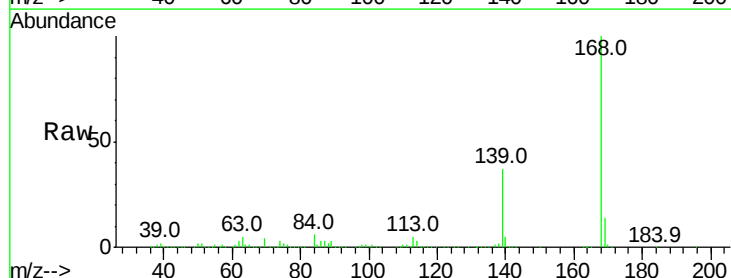


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 154.00 (153.70 to 154.70): E

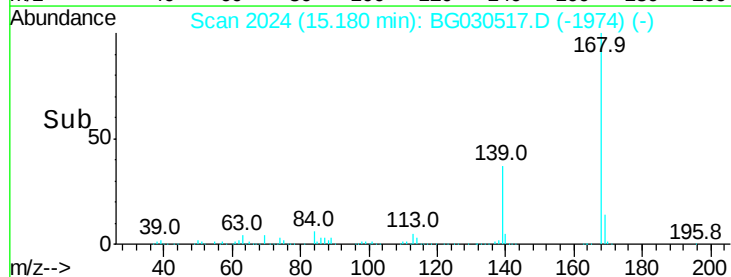
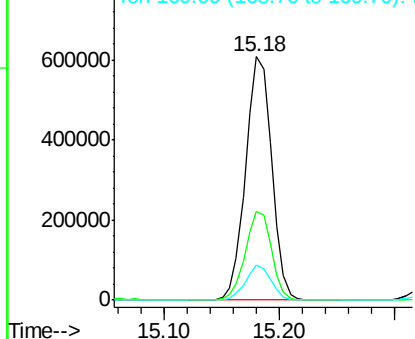


#54
Dibenzofuran
Concen: 45.794 ng
RT: 15.18 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:168 Resp: 954726
Ion Ratio Lower Upper
168 100
139 36.7 28.6 43.0
169 14.3 11.2 16.8



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





#55

4-Nitrophenol

Concen: 66.514 ng

RT: 14.99 min Scan# 1992

Delta R.T. 0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

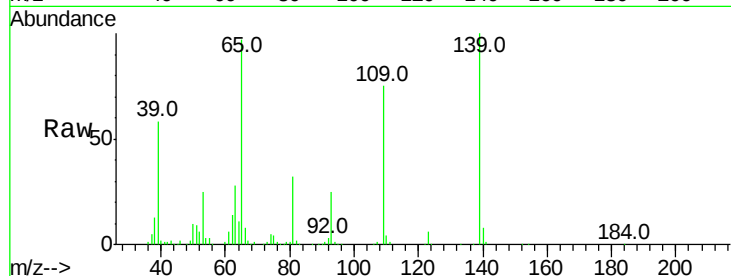
Tot Ion:139 Resp: 221395

Ion Ratio Lower Upper

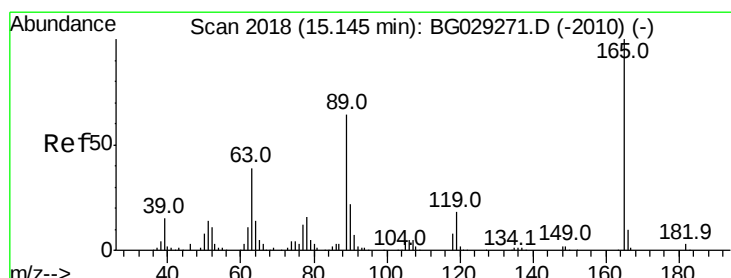
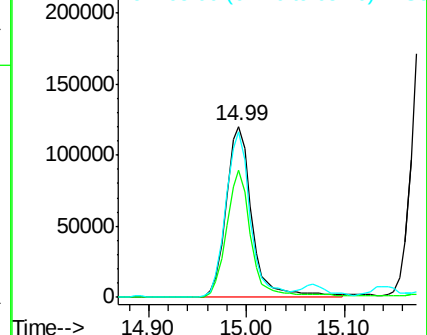
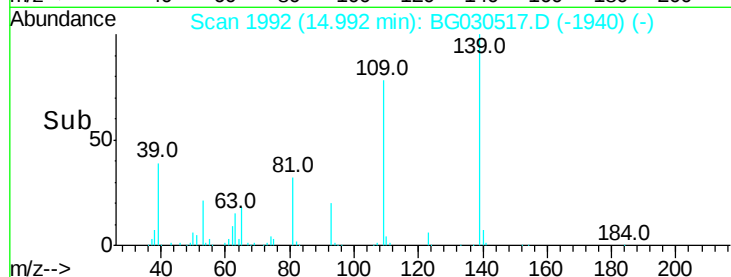
139 100

109 74.5 62.2 102.2

65 97.1 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 51.474 ng

RT: 15.14 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Tgt Ion:165 Resp: 260712

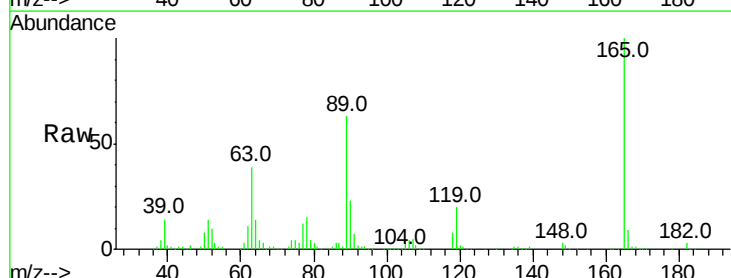
Ion Ratio Lower Upper

165 100

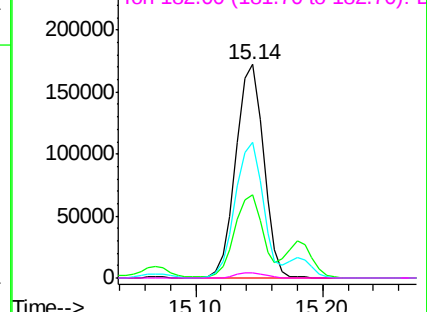
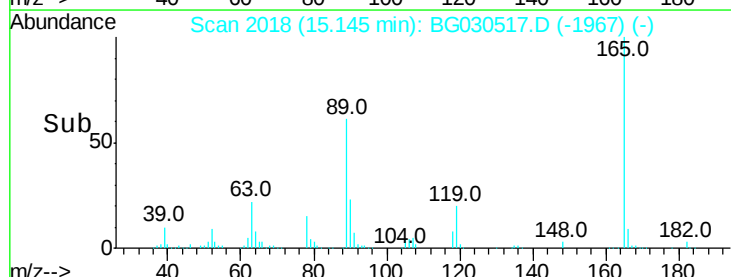
63 38.7 42.0 63.0#

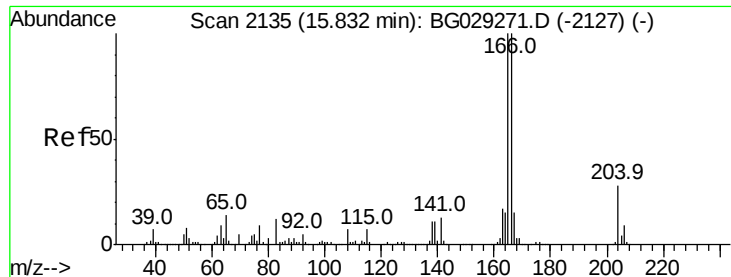
89 63.3 66.9 100.3#

182 2.6 2.6 3.8



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

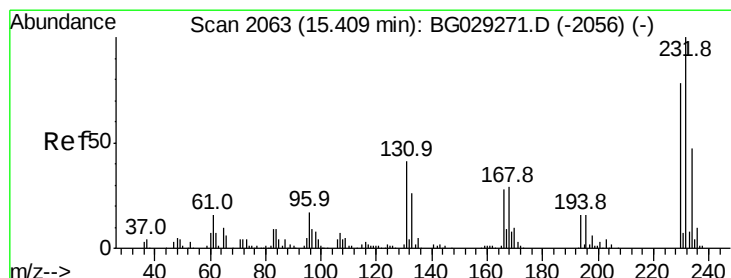
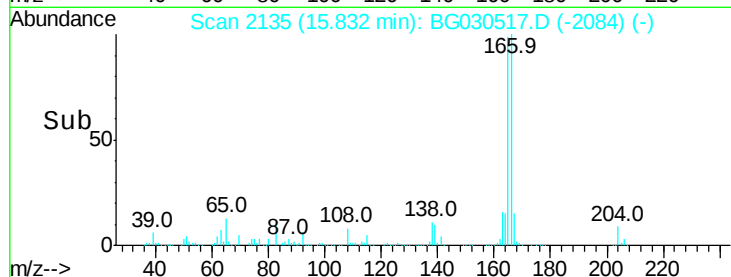
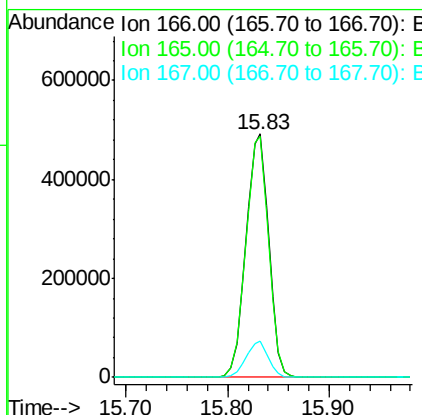
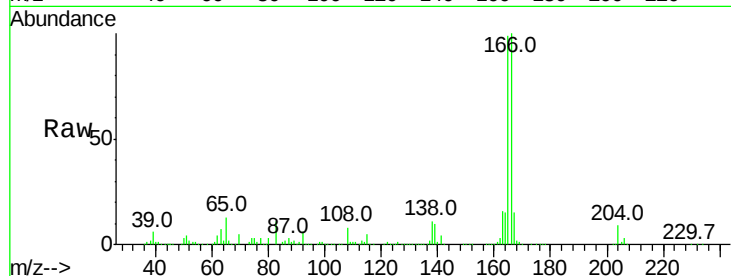




#57
 Fluorene
 Concen: 44.344 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

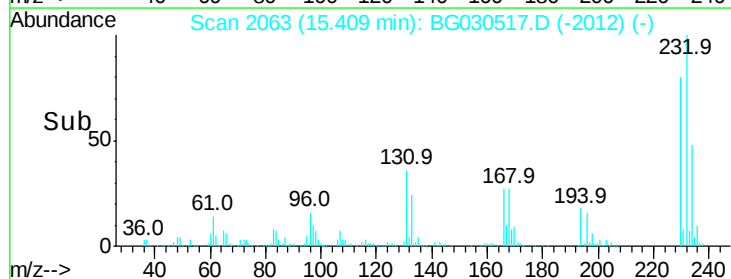
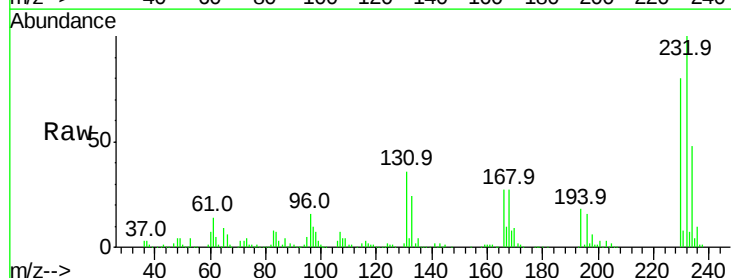
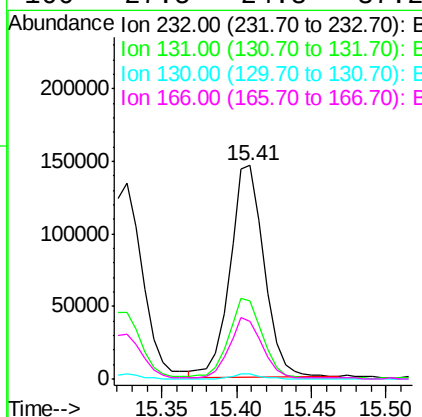
Instrument :
 BNA_G
 ClientSampleId :

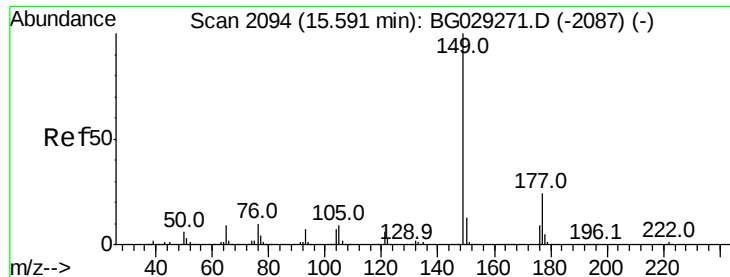
Tot Ion:166 Resp: 763729
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.6 121.0
 167 14.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.946 ng
 RT: 15.41 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion:232 Resp: 233352
 Ion Ratio Lower Upper
 232 100
 131 37.4 33.5 50.3
 130 2.2 2.2 3.2
 166 27.5 24.8 37.2

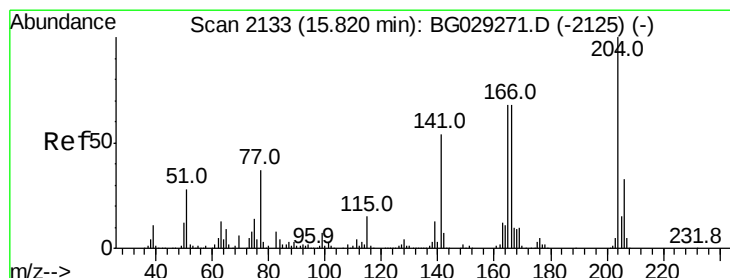
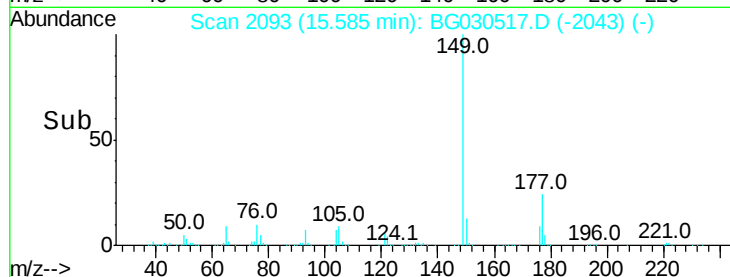
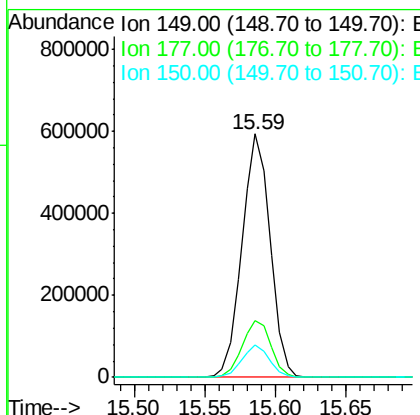
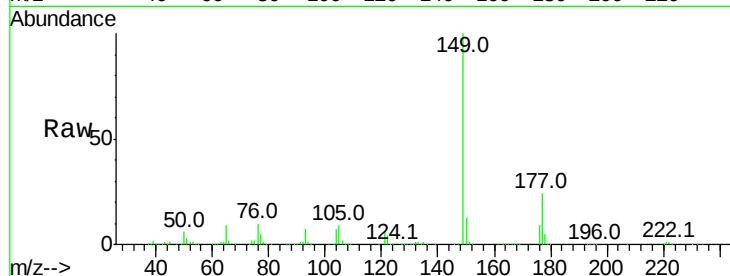




#59
Diethylphthalate
Concen: 46.675 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

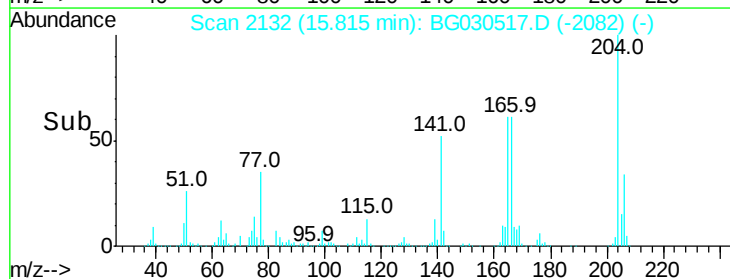
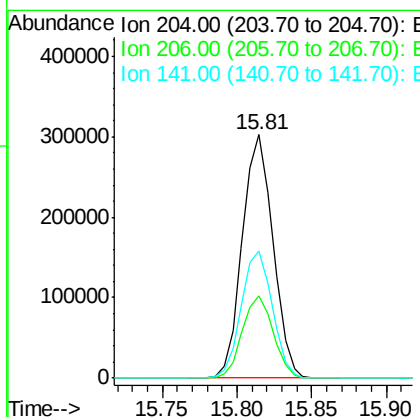
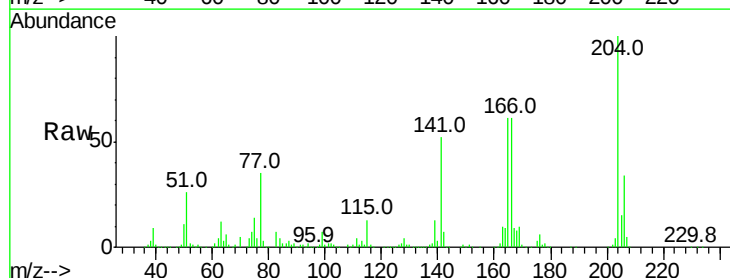
Instrument :
BNA_G
ClientSampleId :

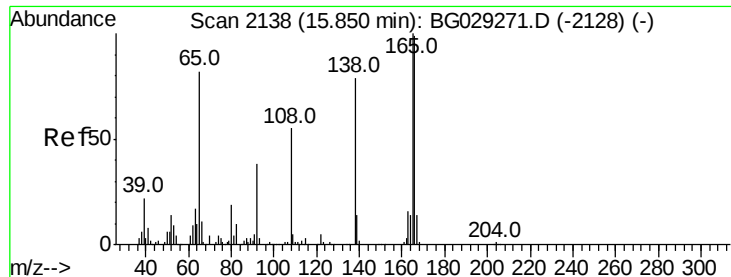
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.5	18.5	27.7
150	13.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 46.934 ng
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.7	26.2	39.2
141	52.3	45.8	68.6

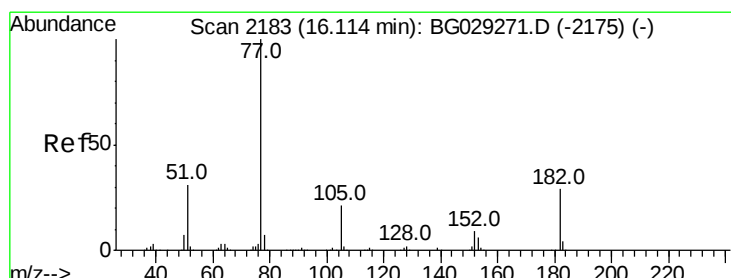
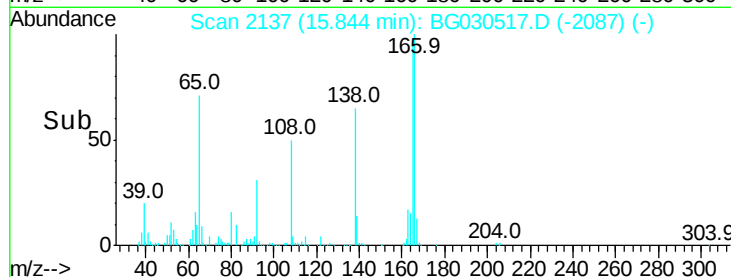
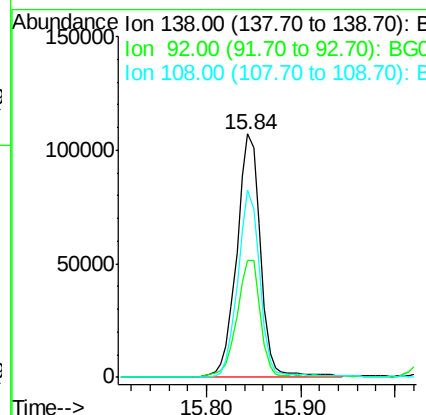
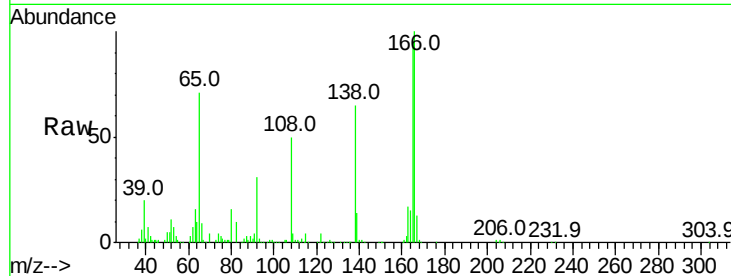




#61
4-Nitroaniline
Concen: 45.606 ng
RT: 15.84 min Scan# 2137
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

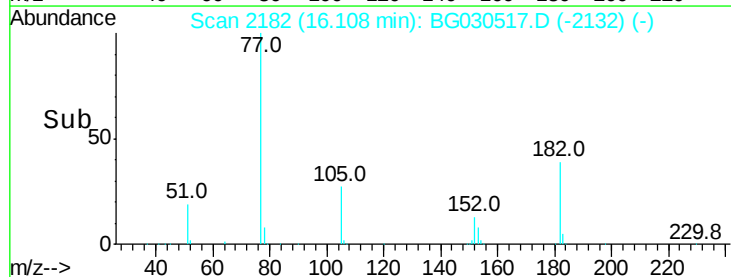
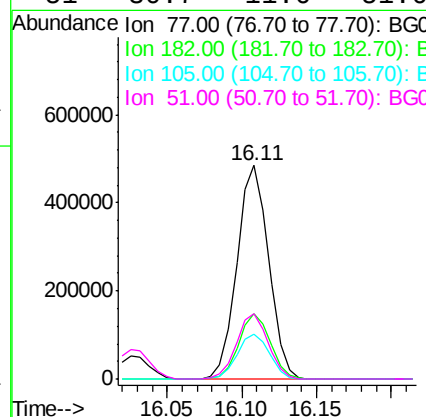
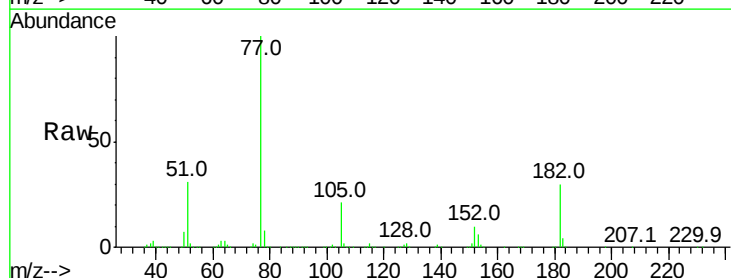
Instrument :
BNA_G
ClientSampleId :

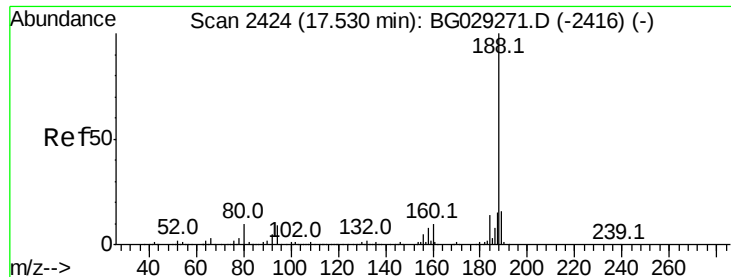
Tot Ion:138 Resp: 189070
Ion Ratio Lower Upper
138 100
92 48.0 40.1 80.1
108 76.9 65.4 105.4



#62
Azobenzene
Concen: 47.689 ng
RT: 16.11 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion: 77 Resp: 715320
Ion Ratio Lower Upper
77 100
182 30.5 7.4 47.4
105 21.2 0.3 40.3
51 30.7 11.6 51.6

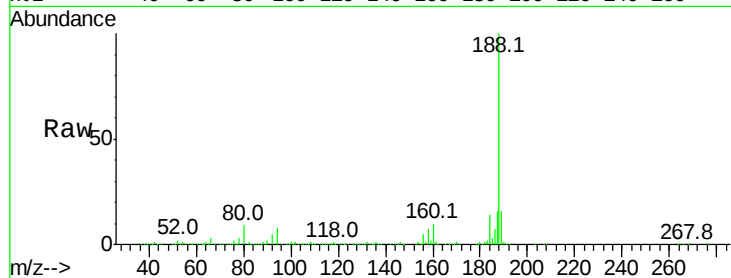




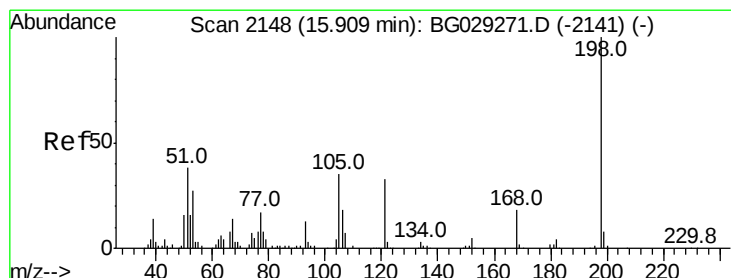
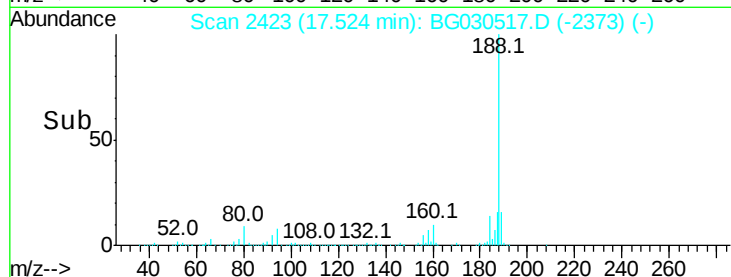
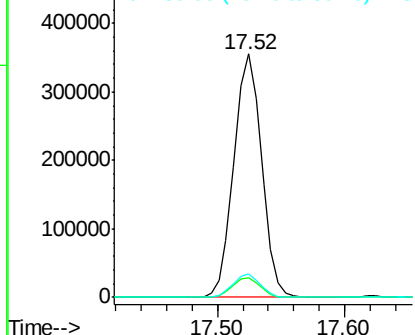
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 538384
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.4 7.7 11.5

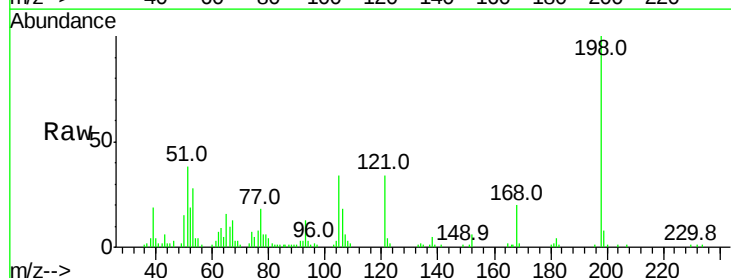


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

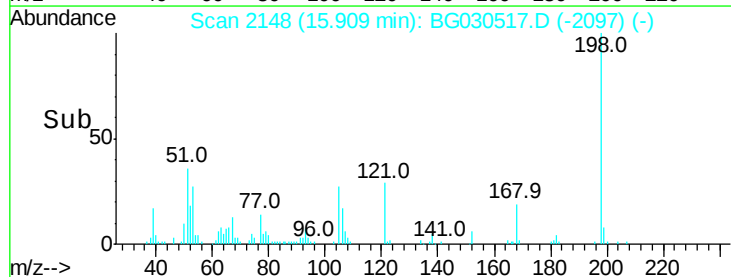
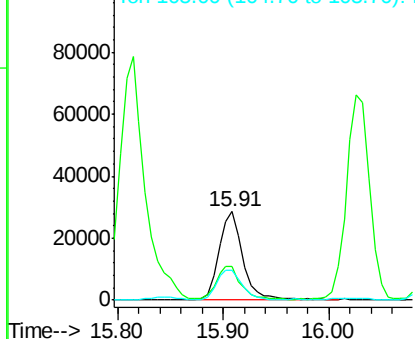


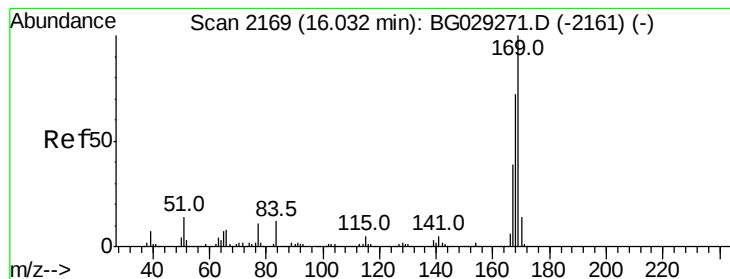
#64
4,6-Dinitro-2-methylphenol
Concen: 18.260 ng
RT: 15.91 min Scan# 2148
Delta R.T. 0.00 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion:198 Resp: 45320
Ion Ratio Lower Upper
198 100
51 37.8 30.6 70.6
105 34.1 23.8 63.8



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





#65

n-Nitrosodiphenylamine

Concen: 43.377 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

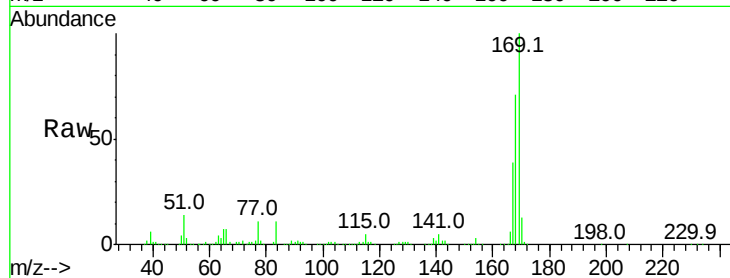
Tot Ion:169 Resp: 699579

Ion Ratio Lower Upper

169 100

168 70.9 55.7 83.5

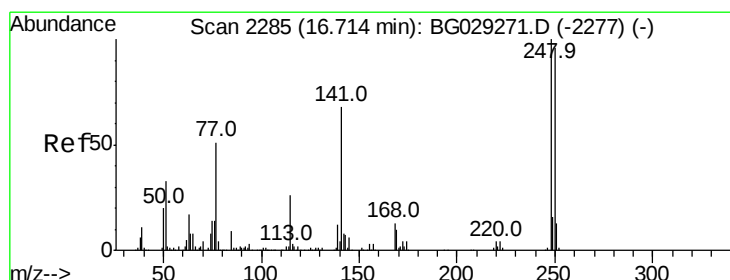
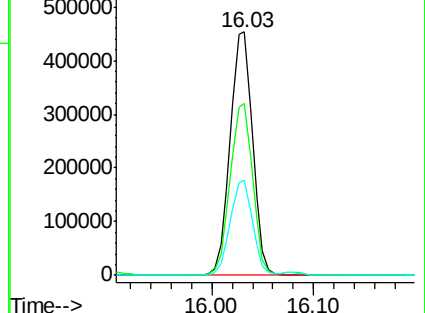
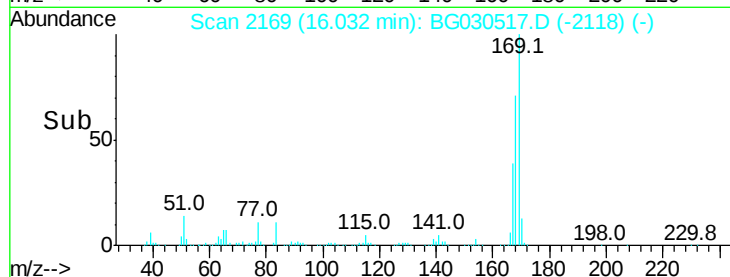
167 39.0 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.223 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

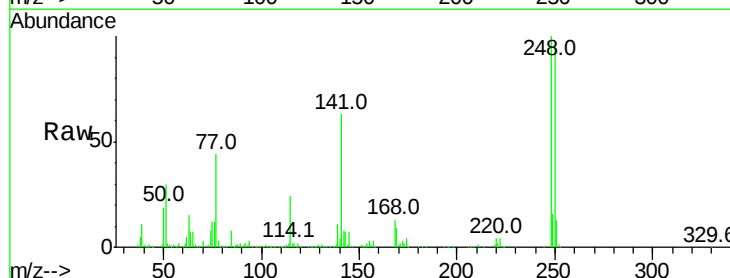
Tgt Ion:248 Resp: 285559

Ion Ratio Lower Upper

248 100

250 96.3 77.1 115.7

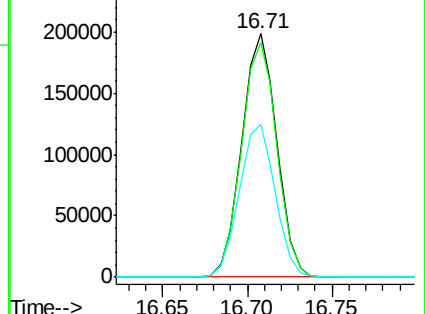
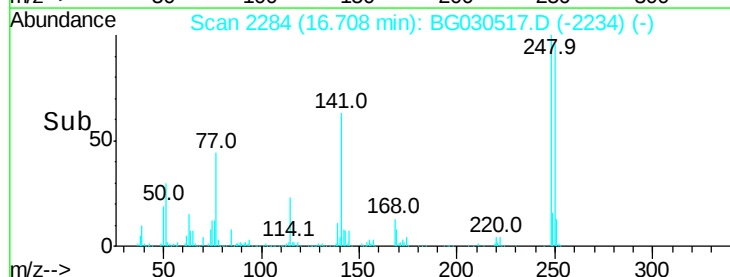
141 62.9 50.8 76.2

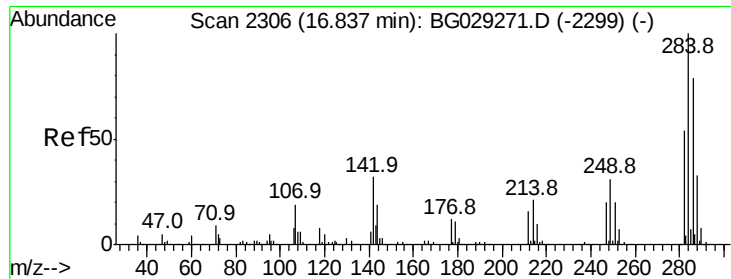


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.224 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

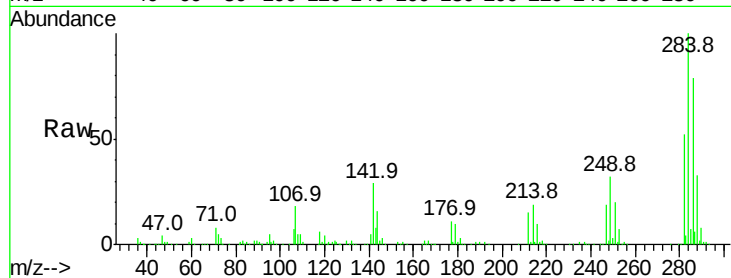
Tot Ion:284 Resp: 302477

Ion Ratio Lower Upper

284 100

142 29.4 26.8 40.2

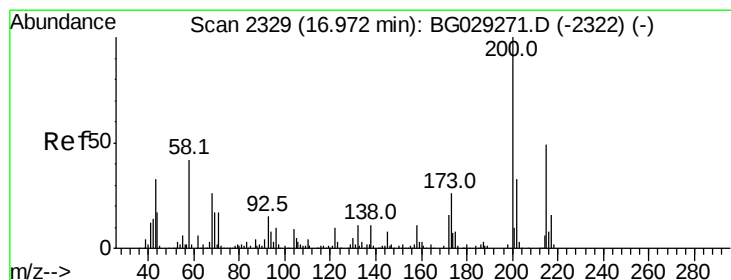
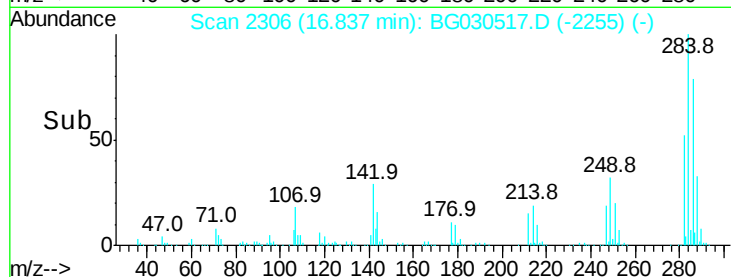
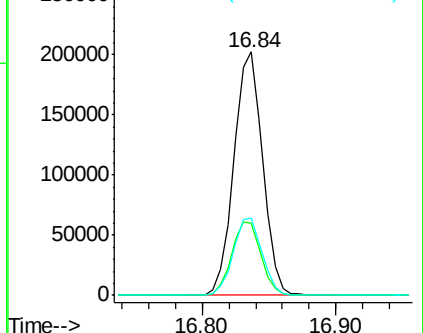
249 31.9 26.3 39.5



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: 47.555 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

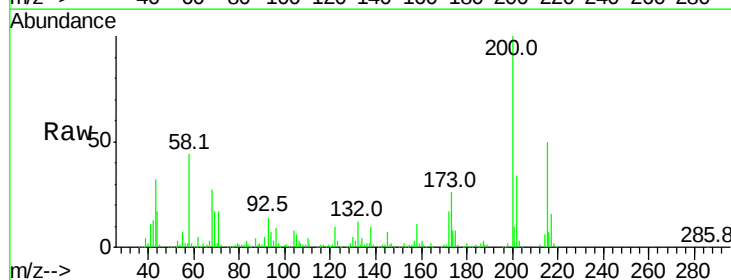
Tgt Ion:200 Resp: 273657

Ion Ratio Lower Upper

200 100

173 26.2 5.2 45.2

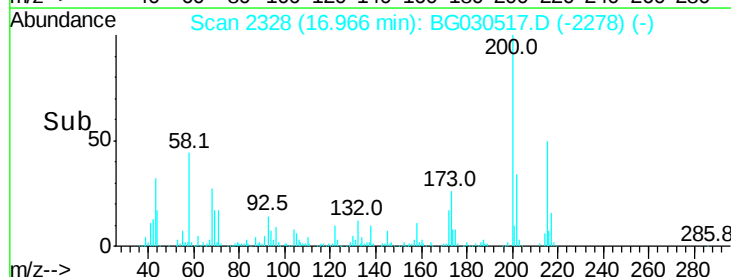
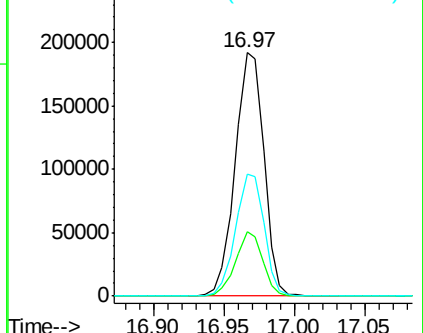
215 50.2 30.4 70.4

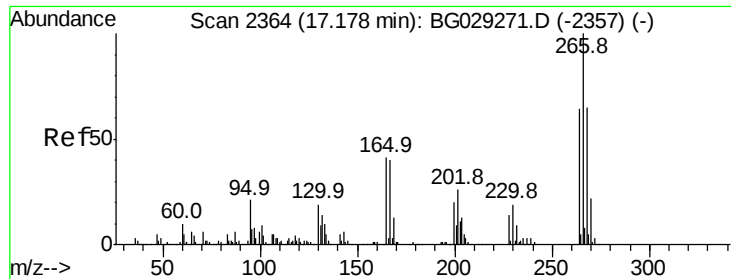


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

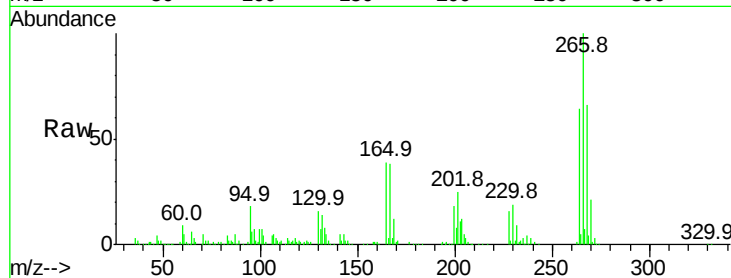




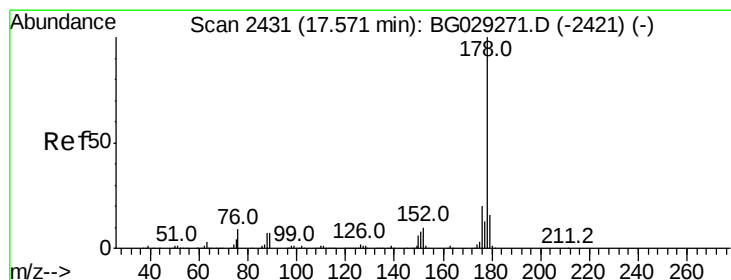
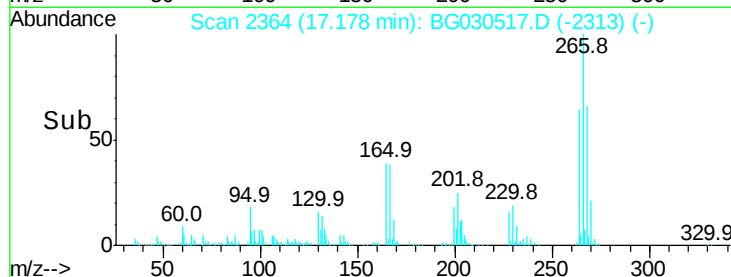
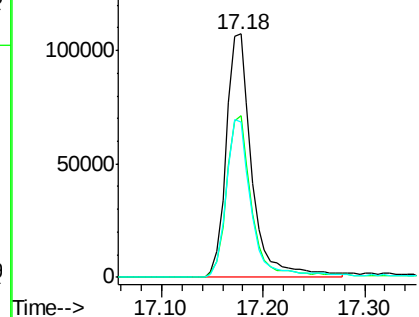
#69
 Pentachlorophenol
 Concen: 47.068 ng
 RT: 17.18 min Scan# 2364
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	63.9	49.6	74.4

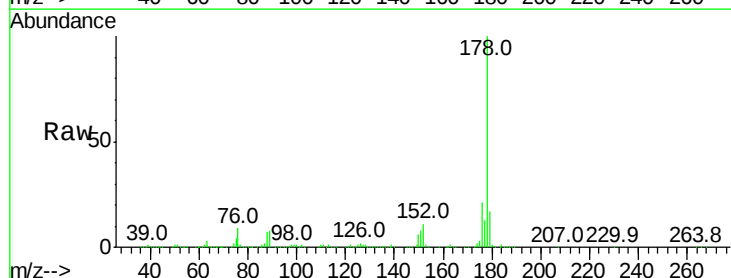


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

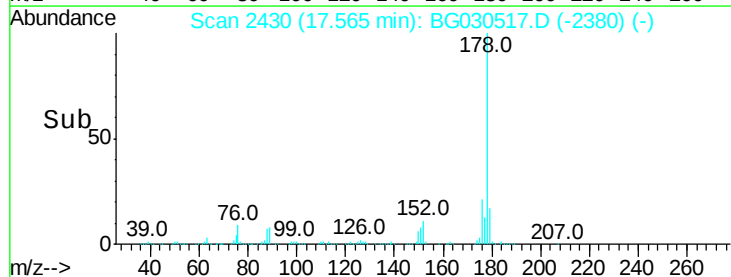
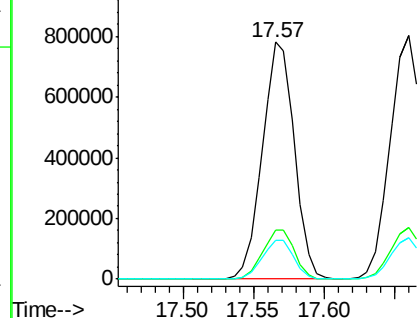


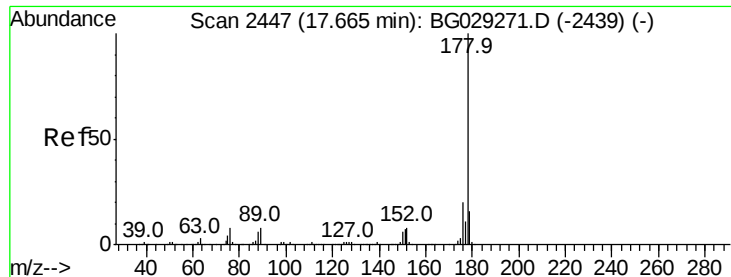
#70
 Phenanthrene
 Concen: 44.787 ng
 RT: 17.57 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	15.7	23.5
179	16.6	12.5	18.7



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



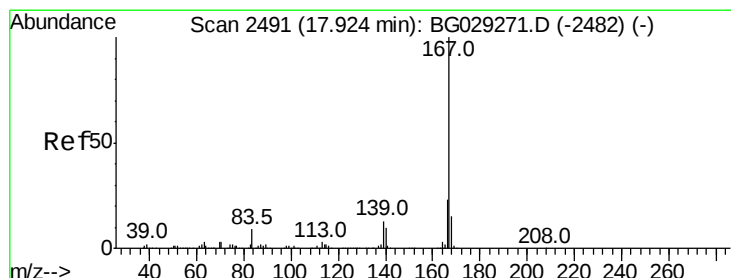
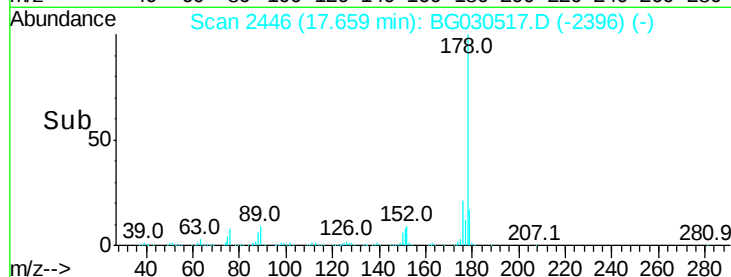
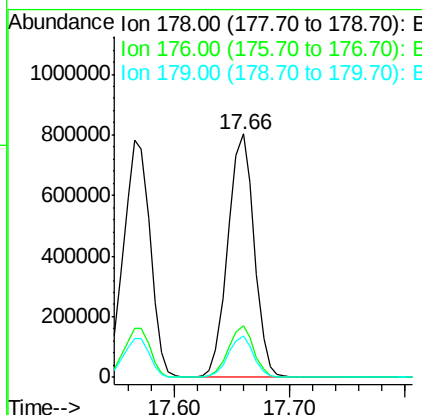
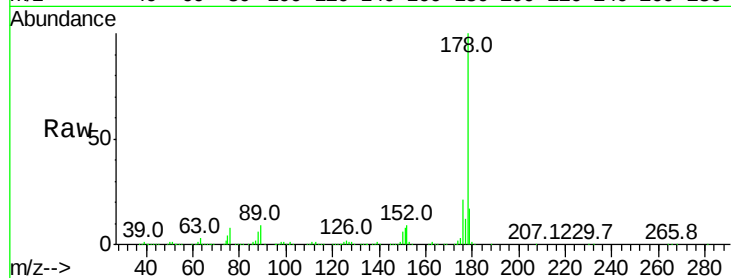


#71
 Anthracene
 Concen: 45.318 ng
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 1265637

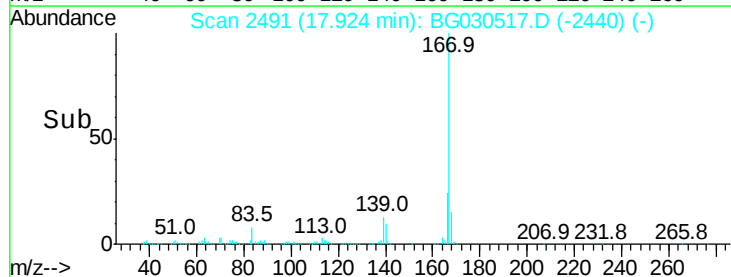
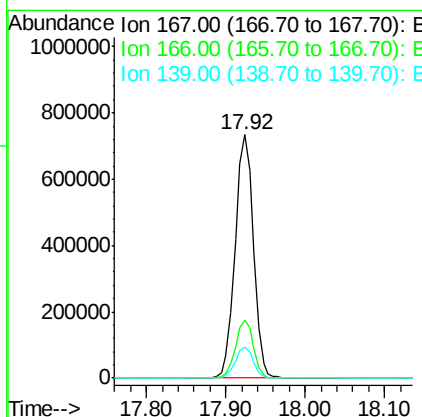
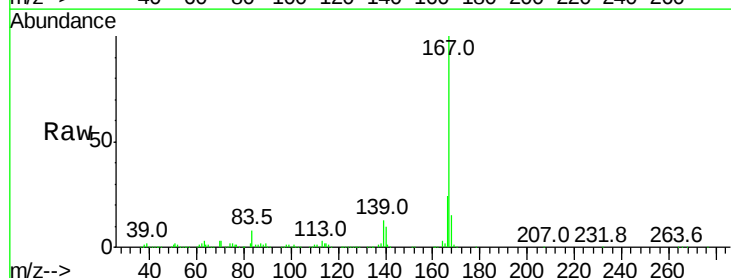
Ion	Ratio	Lower	Upper
178	100		
176	21.3	16.0	24.0
179	16.8	12.5	18.7

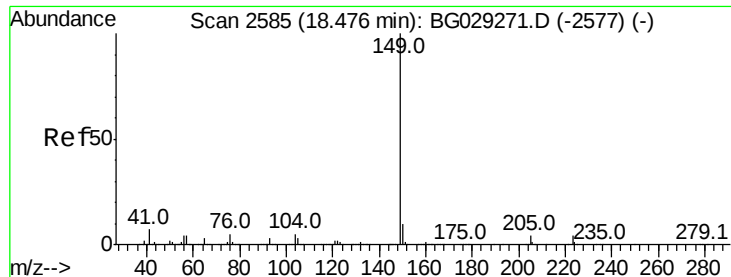


#72
 Carbazole
 Concen: 43.798 ng
 RT: 17.92 min Scan# 2491
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion:167 Resp: 1175026

Ion	Ratio	Lower	Upper
167	100		
166	24.0	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 45.058 ng

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

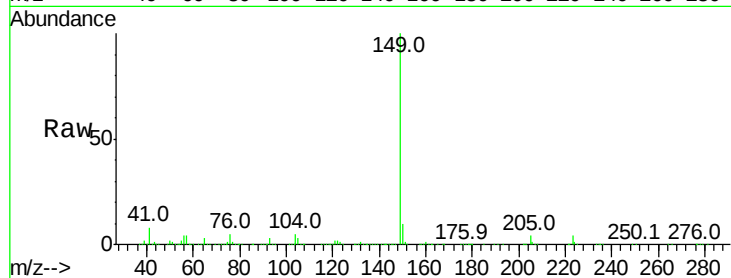
Tot Ion:149 Resp: 1390302

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.6

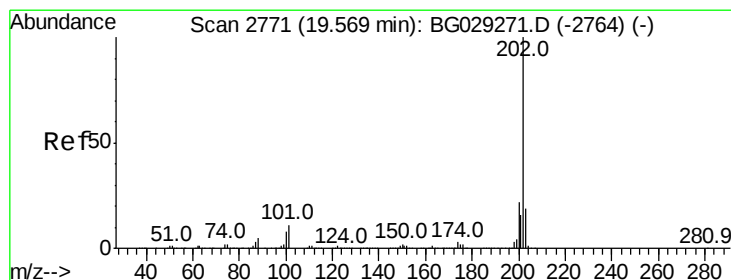
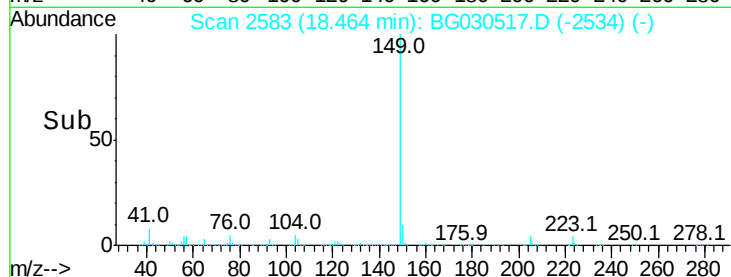
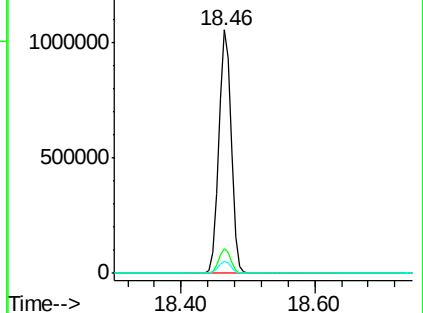
104 5.1 3.9 5.9



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: 46.691 ng

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

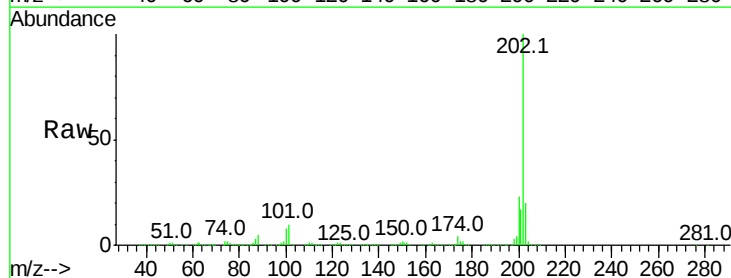
Tgt Ion:202 Resp: 1518895

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.9

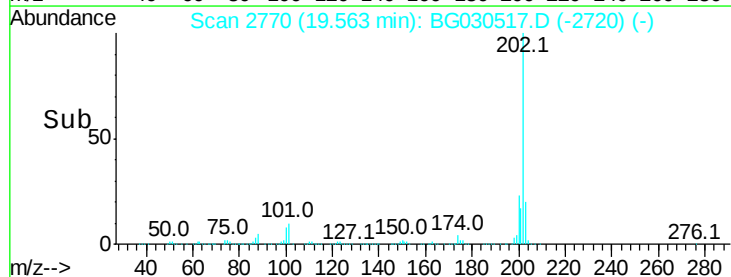
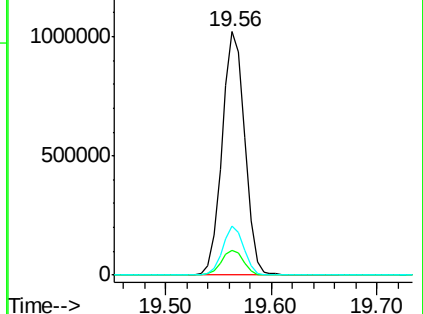
203 19.9 0.0 37.5



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# 3151

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

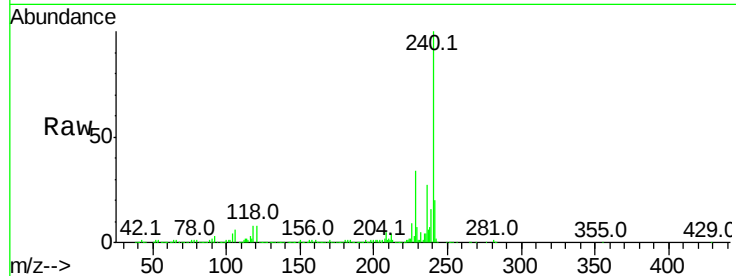
Tot Ion:240 Resp: 567600

Ion Ratio Lower Upper

240 100

120 8.5 6.8 10.2

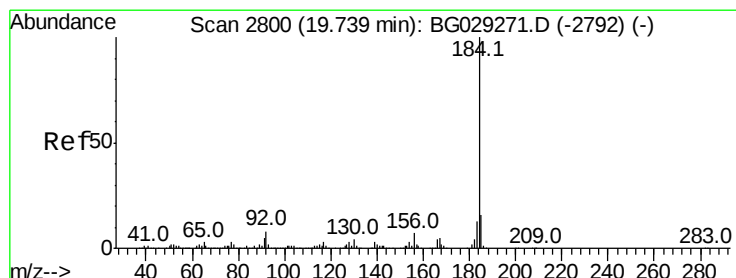
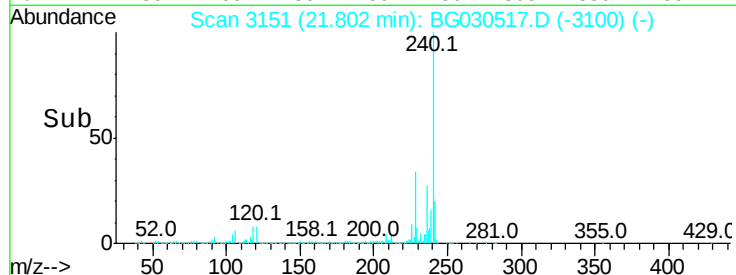
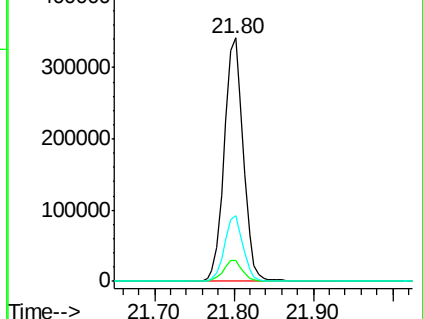
236 26.9 20.9 31.3



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: 4.254 ng

RT: 19.73 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

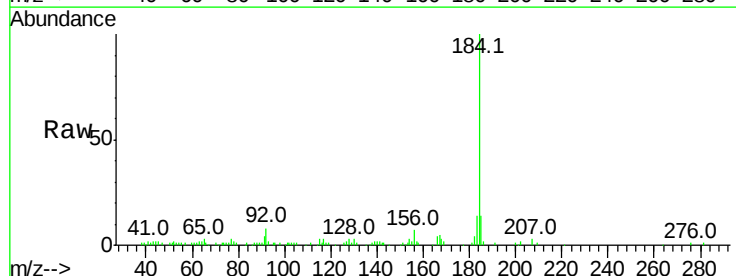
Tgt Ion:184 Resp: 72897

Ion Ratio Lower Upper

184 100

185 14.2 11.1 16.7

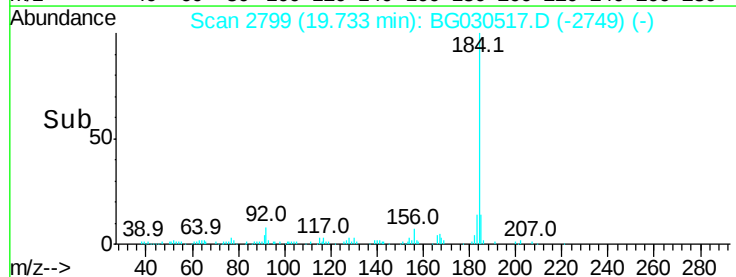
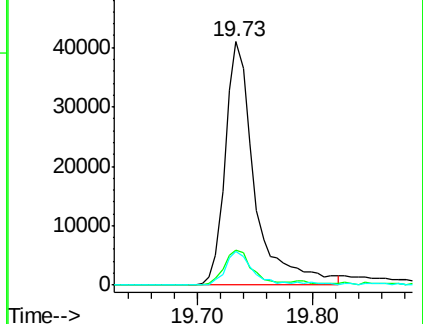
183 14.0 10.6 16.0

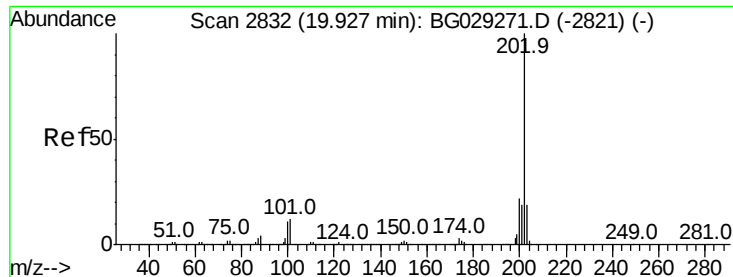


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 45.117 ng

RT: 19.93 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

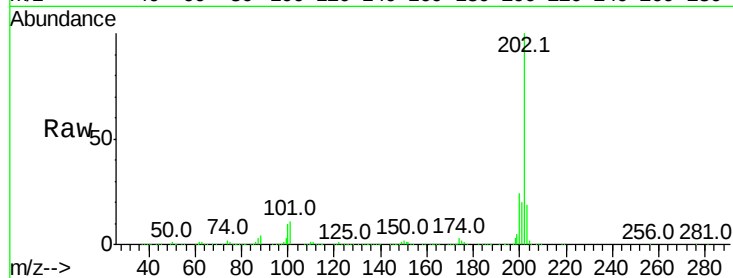
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1553462

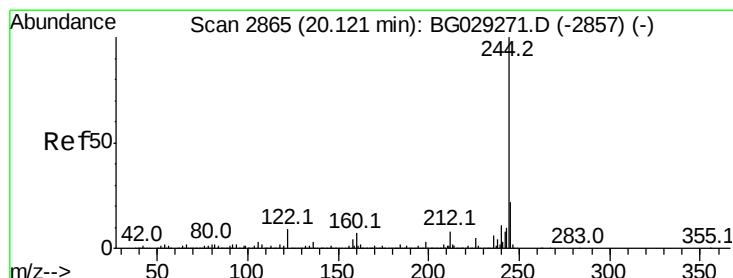
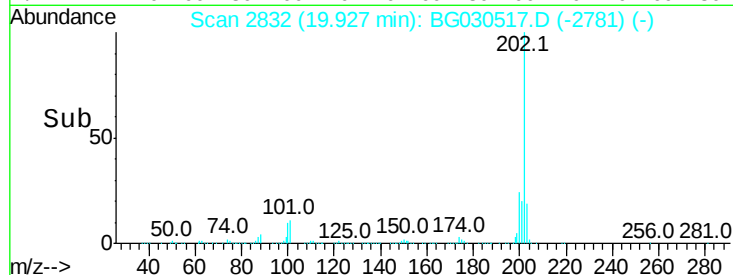
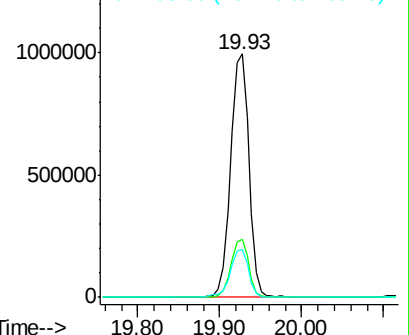
Ion	Ratio	Lower	Upper
202	100		
200	23.6	16.9	25.3
203	19.4	13.9	20.9



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: 80.655 ng

RT: 20.12 min Scan# 2864

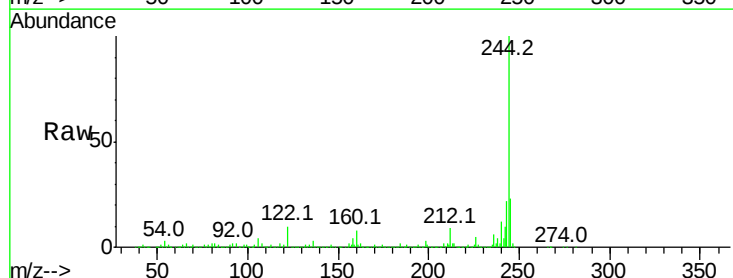
Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Tgt Ion:244 Resp: 2012357

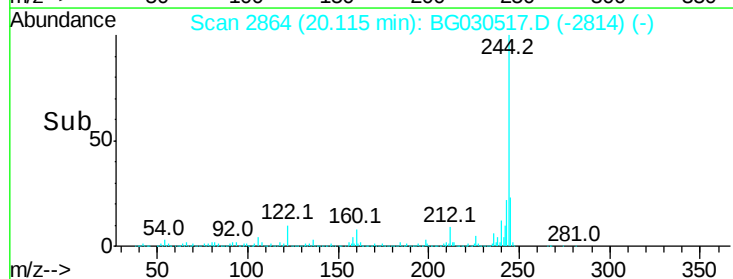
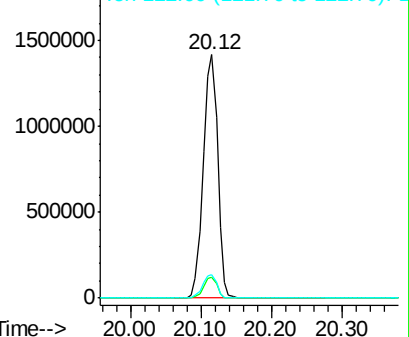
Ion	Ratio	Lower	Upper
244	100		
212	8.8	5.8	8.8#
122	9.5	7.0	10.4

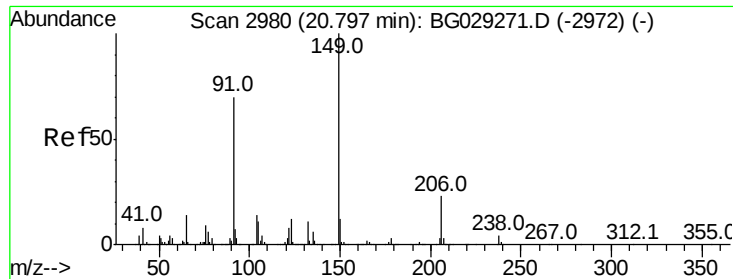


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

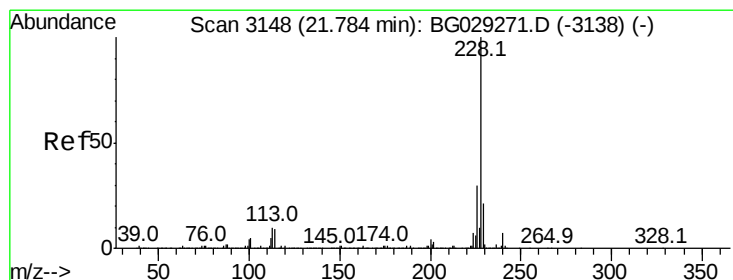
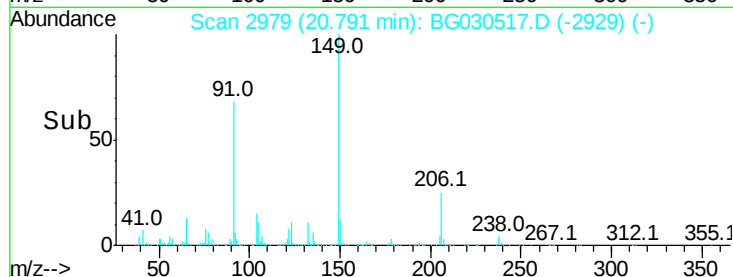
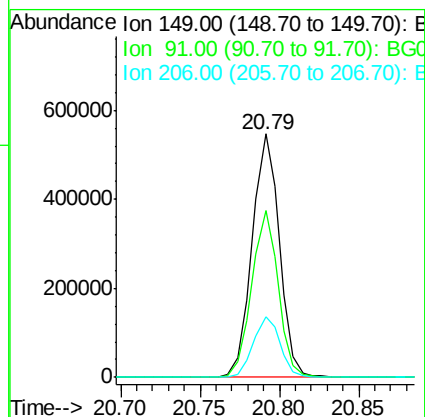
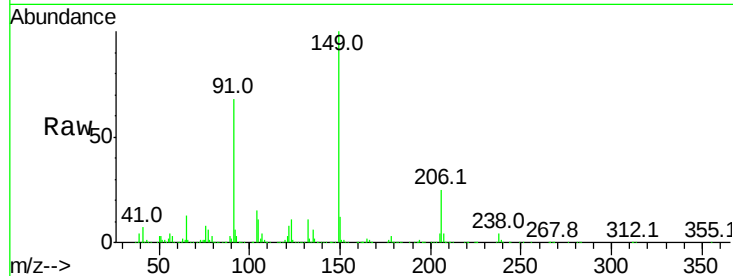




#79
Butylbenzylphthalate
Concen: 44.459 ng
RT: 20.79 min Scan# 2979
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

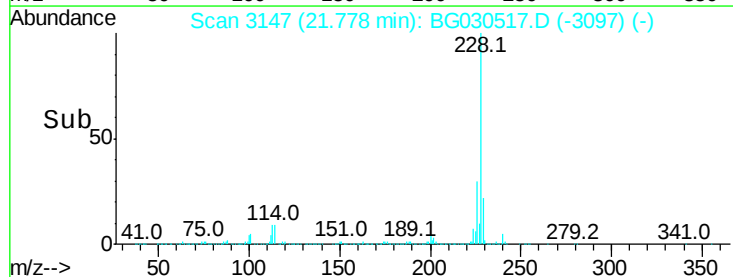
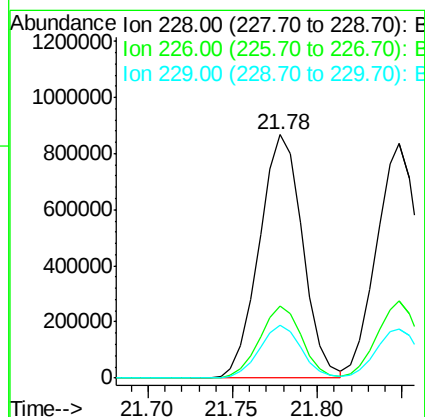
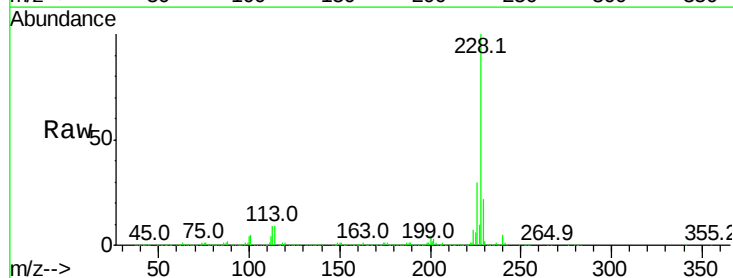
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.3	62.2	93.2
206	24.6	18.6	27.8



#80
Benzo(a)anthracene
Concen: 46.445 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030517.D
Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.7	34.1
229	21.8	16.2	24.2

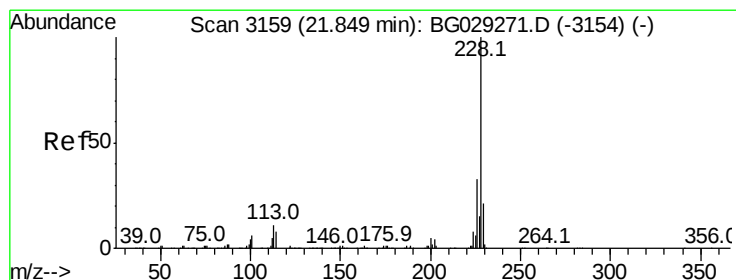
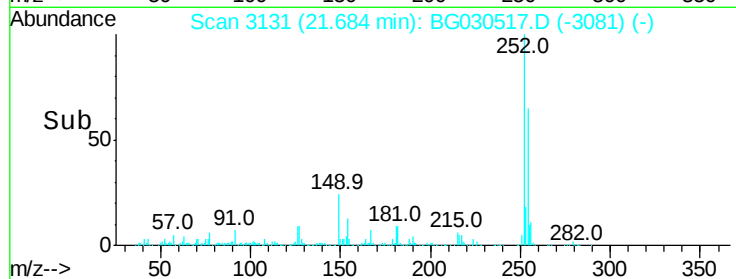
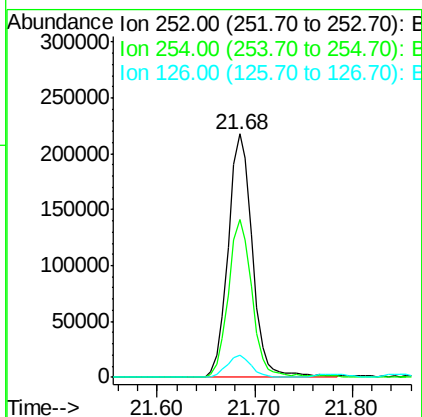
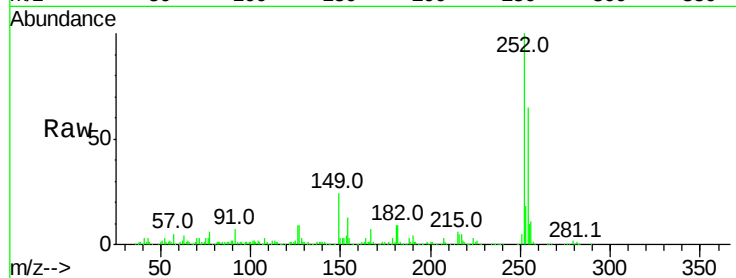




#81
 3,3'-Dichlorobenzidine
 Concen: 27.329 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

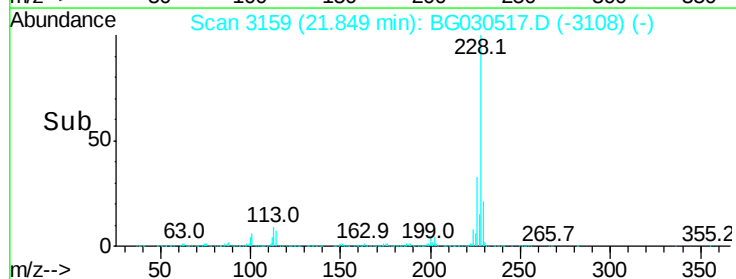
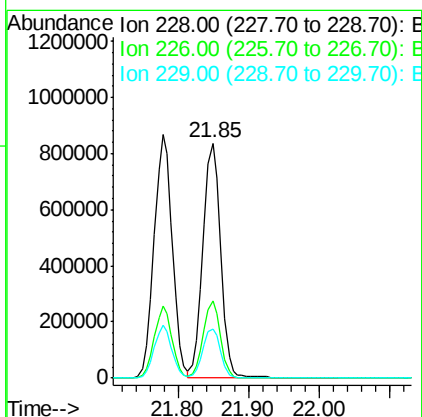
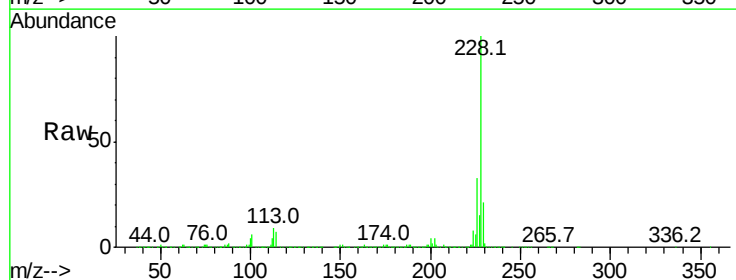
Instrument :
 BNA_G
 ClientSampleId :

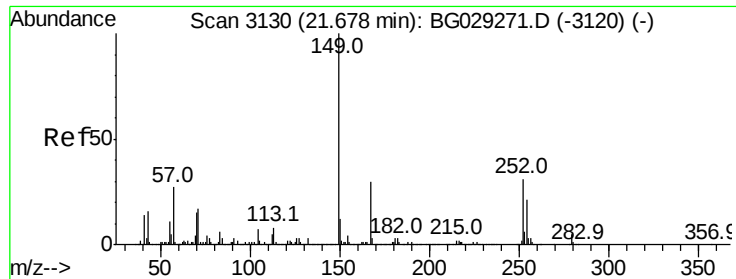
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.8	50.8	76.2
126	9.2	7.4	11.2



#82
 Chrysene
 Concen: 46.238 ng
 RT: 21.85 min Scan# 3159
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.9	37.3
229	20.8	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.594 ng

RT: 21.66 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

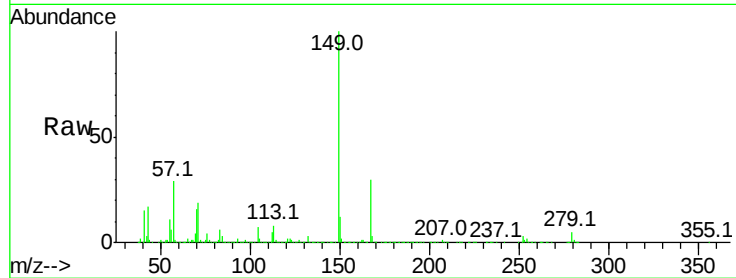
Tot Ion:149 Resp: 896714

Ion Ratio Lower Upper

149 100

167 29.6 24.3 36.5

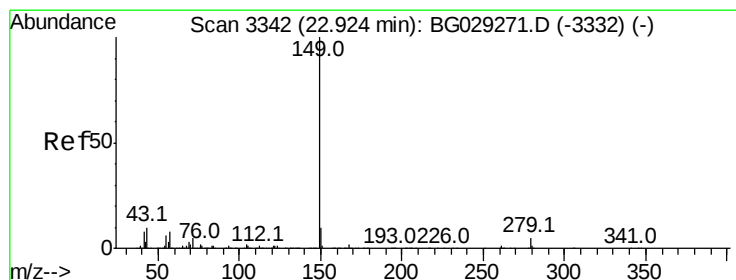
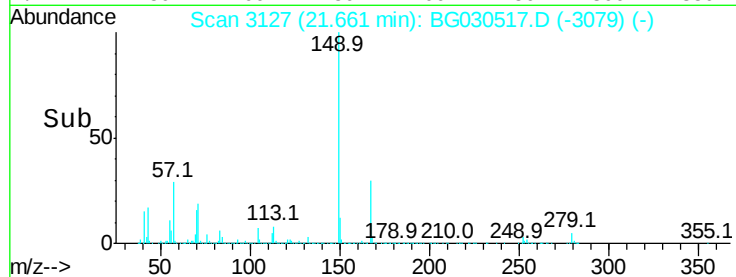
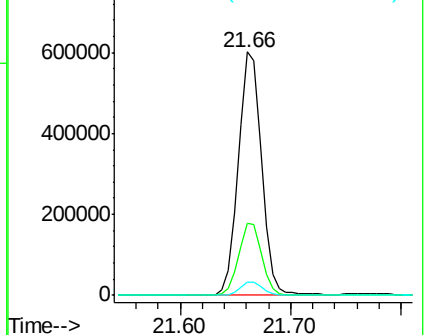
279 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.770 ng

RT: 22.91 min Scan# 3339

Delta R.T. -0.02 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

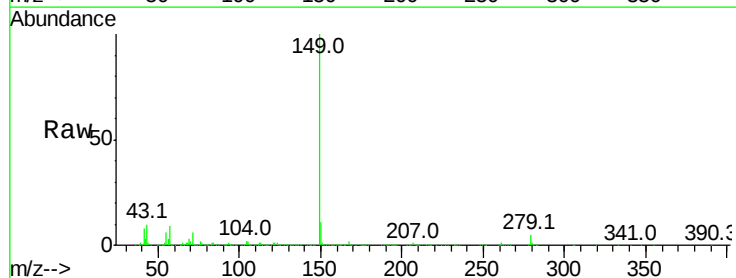
Tgt Ion:149 Resp: 1569263

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

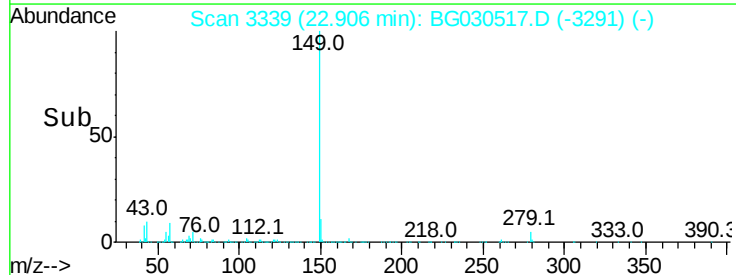
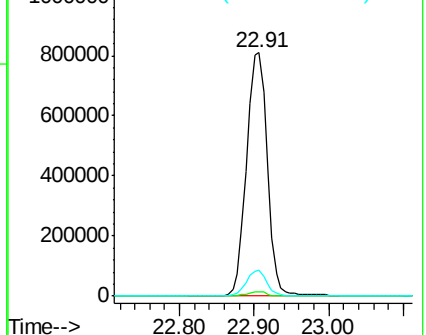
43 10.0 8.9 13.3

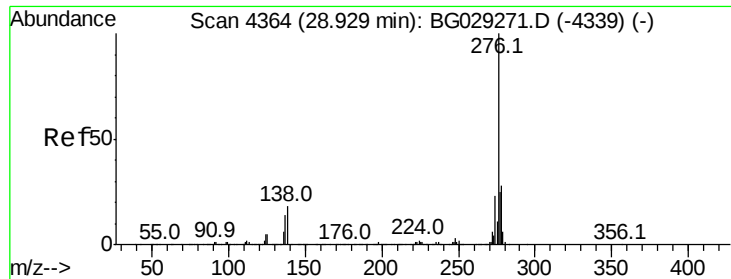


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

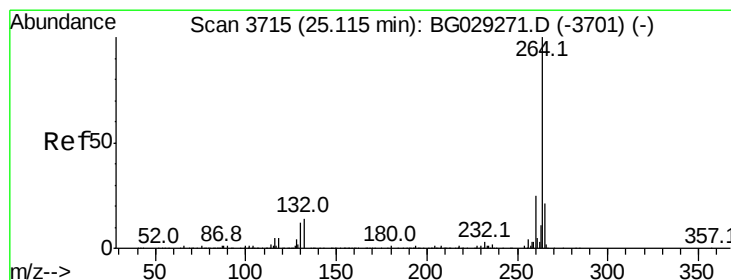
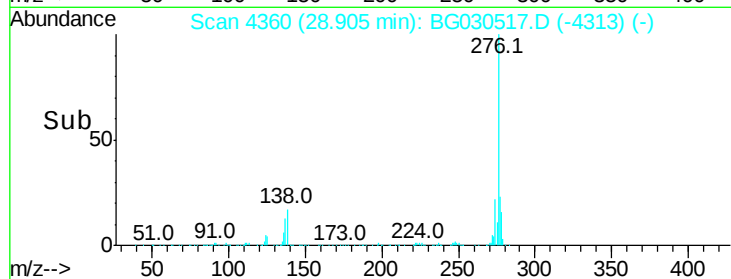
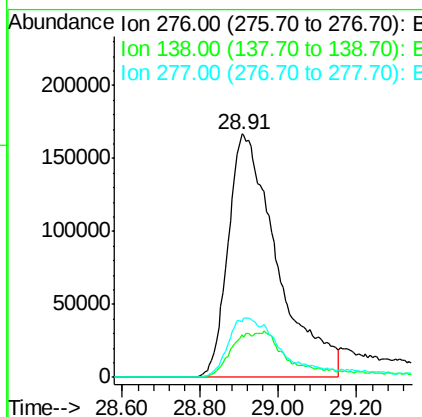
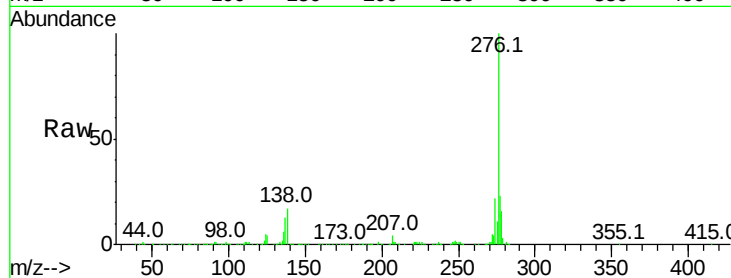




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.258 ng
 RT: 28.91 min Scan# 4360
 Delta R.T. -0.02 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

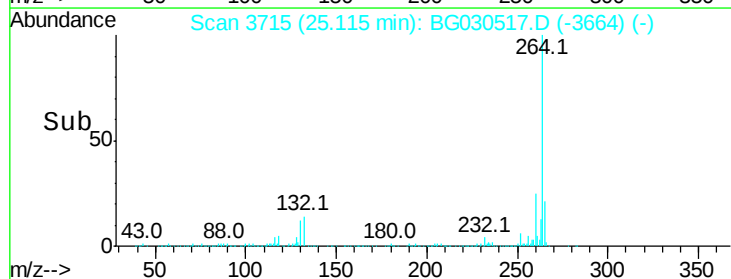
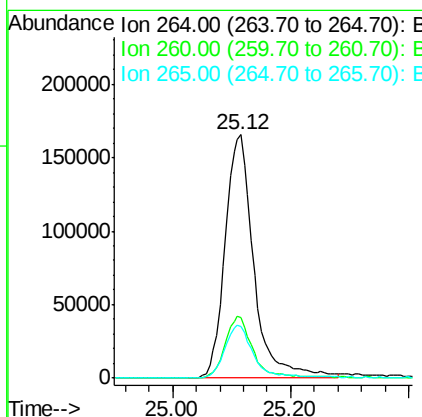
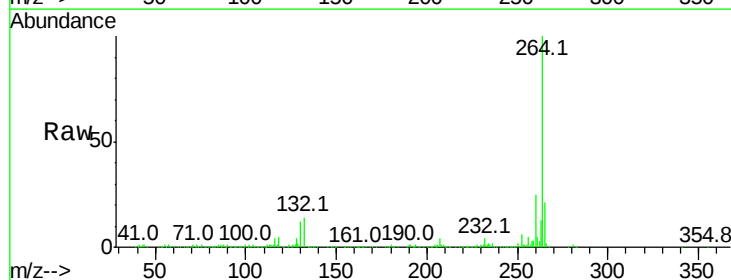
Instrument :
 BNA_G
 ClientSampleId :

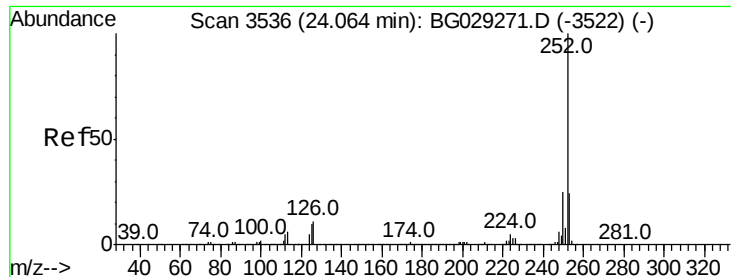
Tot Ion:276 Resp: 1462878
 Ion Ratio Lower Upper
 276 100
 138 7.8 16.0 24.0#
 277 14.8 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.12 min Scan# 3715
 Delta R.T. -0.00 min
 Lab File: BG030517.D
 Acq: 28 Oct 2017 3:59

Tgt Ion:264 Resp: 562870
 Ion Ratio Lower Upper
 264 100
 260 24.9 17.4 26.0
 265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 46.458 ng

RT: 24.06 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

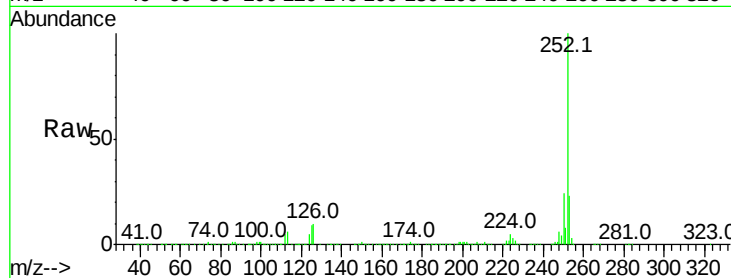
Instrument :

BNA_G

ClientSampleId :

Tot Ion:252 Resp: 1497080

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	8.6	7.2	10.8

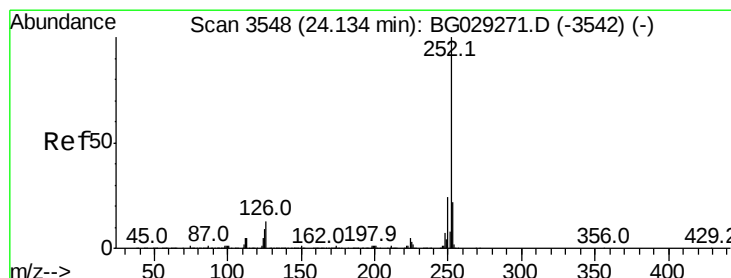
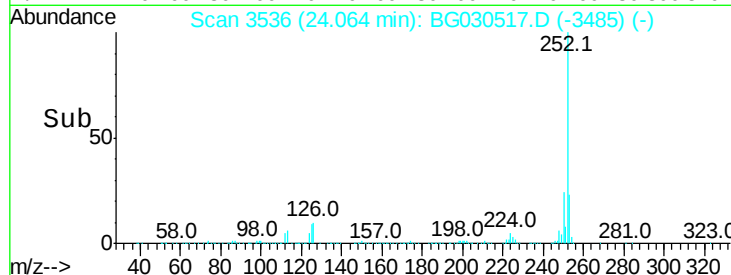
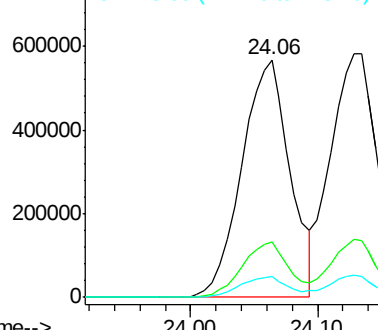


Abundance

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: 49.145 ng

RT: 24.13 min Scan# 3548

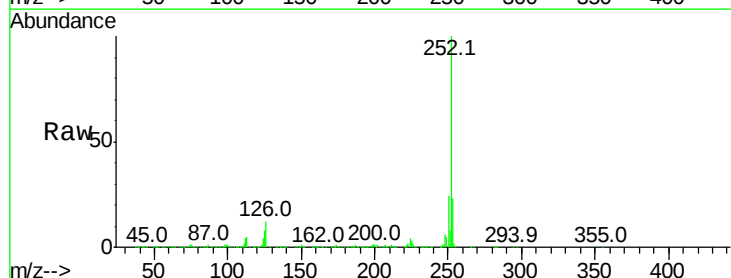
Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Tgt Ion:252 Resp: 1577755

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	8.5	6.6	9.8

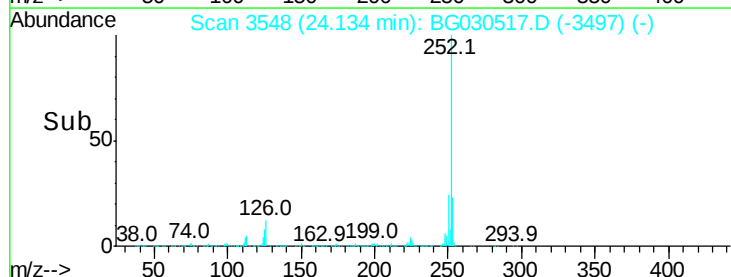
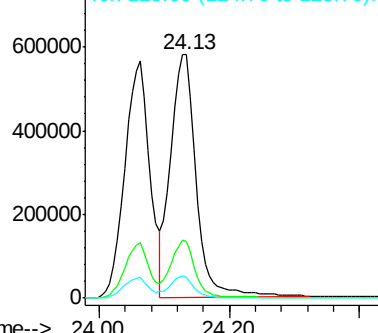


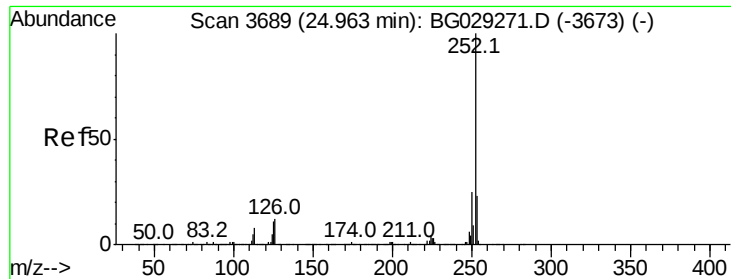
Abundance

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: 47.473 ng

RT: 24.96 min Scan# 3688

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

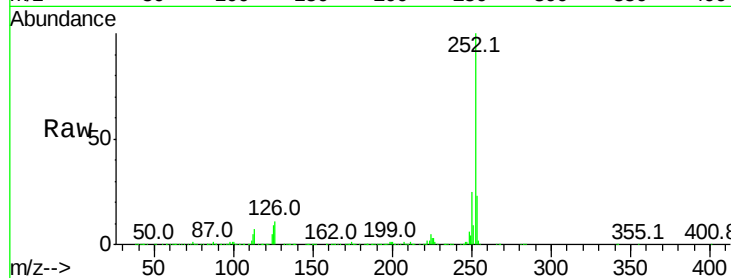
Tot Ion:252 Resp: 1470669

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	9.4	7.3	10.9

252 100

253 22.7 18.3 27.5

125 9.4 7.3 10.9

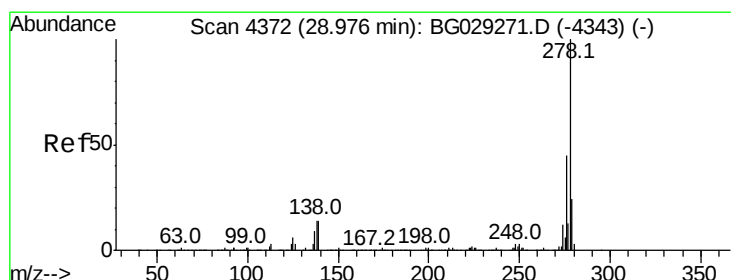
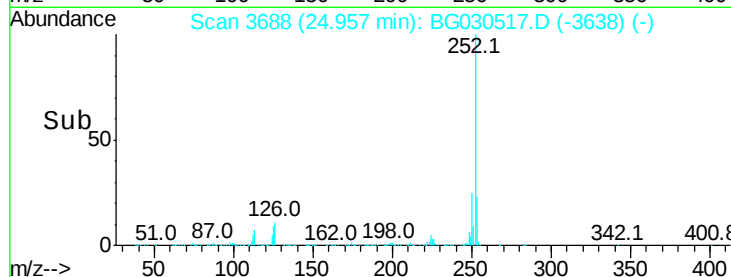
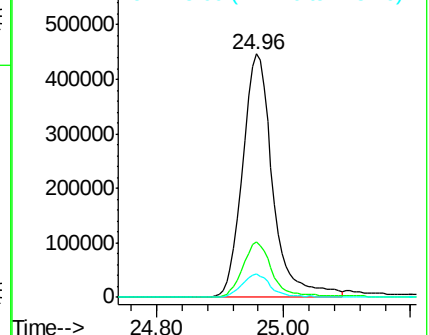


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.003 ng

RT: 28.98 min Scan# 4372

Delta R.T. -0.00 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

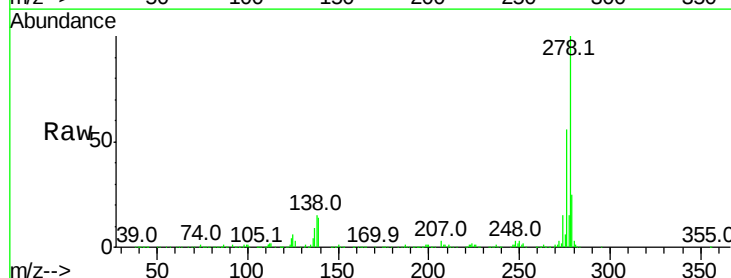
Tgt Ion:278 Resp: 1223268

Ion	Ratio	Lower	Upper
278	100		
139	14.0	9.8	14.6
279	25.3	18.4	27.6

278 100

139 14.0 9.8 14.6

279 25.3 18.4 27.6

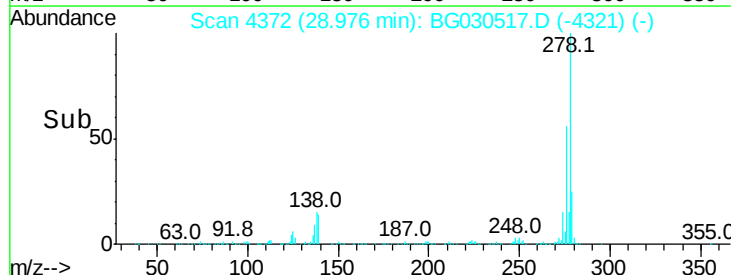
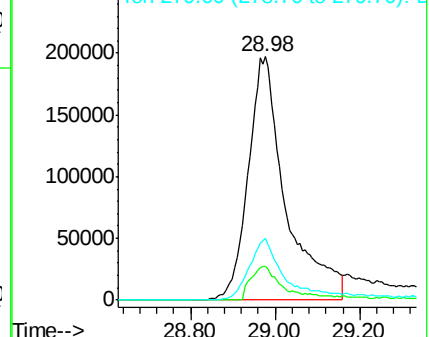


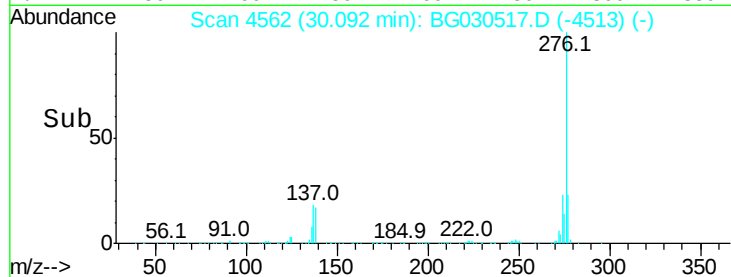
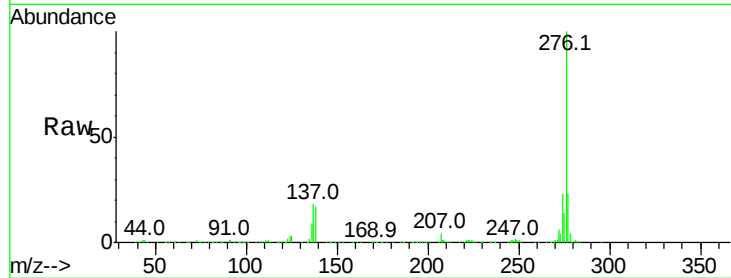
Abundance

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: 38.110 ng

RT: 30.09 min Scan# 4562

Delta R.T. -0.01 min

Lab File: BG030517.D

Acq: 28 Oct 2017 3:59

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1110572

Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.3	27.5
138	17.2	13.9	20.9

