

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102417\
 Data File : BG029418.D
 Acq On : 24 Oct 2017 9:38
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 24 14:22:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 07:42:23 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	67552	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.98	136	306978	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	210476	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	533643	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	599591	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	612454	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13431	8.08	ng/uL	0.00
5) Phenol-d5	7.31	99	123454	19.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.48	67	69874	17.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	97619	21.34	ng/ul	-0.01
13) 4-Methylphenol-d8	8.86	113	103004	19.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.33	128	47140	21.39	ng/ul	-0.01
22) 2-Nitrophenol-d4	10.06	143	54200	24.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	108940	21.17	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.11	131	141658	23.70	ng/ul	-0.01
43) Dimethylphthalate-d6	14.18	166	357175	19.85	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	433481	19.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	53610	16.14	ng/ul	-0.01
57) Fluorene-d10	15.77	176	333969	22.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	35722	13.71	ng/ul	0.00
70) Anthracene-d10	17.62	188	527010	20.88	ng/ul	-0.01
76) Pyrene-d10	19.89	212	628051	20.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	586087	20.20	ng/ul	-0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	15390	7.594	ng/uL 88
4) Benzaldehyde	7.29	77	70730	17.655	ng/ul 95
6) Phenol	7.34	94	125279	18.674	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.58	93	90371	17.696	ng/ul 90
10) 2-Chlorophenol	7.73	128	92572	19.800	ng/ul# 89
11) 2-Methylphenol	8.60	108	90701	18.083	ng/ul 92
12) 2,2'-oxybis(1-Chloropropan	8.70	45	144513	19.307	ng/ul 98
14) Acetophenone	8.99	105	144707	18.096	ng/ul 95
15) N-Nitroso-di-n-propylamine	8.97	70	75162	16.961	ng/ul 97
16) 4-Methylphenol	8.93	108	104404	19.106	ng/ul 95
17) Hexachloroethane	9.26	117	34569	18.517	ng/ul 92
20) Nitrobenzene	9.37	77	106075	17.655	ng/ul# 83
21) Isophorone	9.89	82	208469	16.422	ng/ul 97
23) 2-Nitrophenol	10.09	139	55270	22.058	ng/ul# 77
24) 2,4-Dimethylphenol	10.14	107	113403	18.611	ng/ul# 90
25) Bis(2-Chloroethoxy)methane	10.37	93	130118	17.027	ng/ul# 98
27) 2,4-Dichlorophenol	10.63	162	105957	21.505	ng/ul 96
28) Naphthalene	11.03	128	300847	18.521	ng/ul 99
30) 4-Chloroaniline	11.13	127	135163	23.105	ng/ul 94
31) Hexachlorobutadiene	11.32	225	66466	21.595	ng/ul 97
32) Caprolactam	11.88	113	39525	18.743	ng/ul 88
33) 4-Chloro-3-methylphenol	12.25	107	116223	20.104	ng/ul# 90
34) 2-Methylnaphthalene	12.62	142	241251	17.942	ng/ul 95

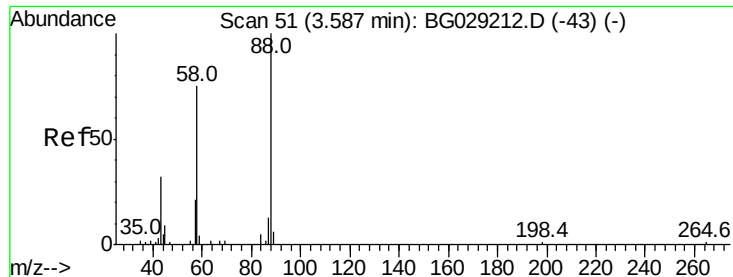
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	138067	22.136	ng/ul#	94
37) Hexachlorocyclopentadiene	12.97	237	60398	18.370	ng/ul	96
38) 2,4,6-Trichlorophenol	13.22	196	98048	22.690	ng/ul	99
39) 2,4,5-Trichlorophenol	13.30	196	107629	23.590	ng/ul	98
40) 1,1'-Biphenyl	13.62	154	326069	18.790	ng/ul	95
41) 2-Chloronaphthalene	13.66	162	256635	19.538	ng/ul	95
42) 2-Nitroaniline	13.86	65	77715	18.888	ng/ul#	85
44) Dimethylphthalate	14.23	163	345621	19.692	ng/ul	97
45) 2,6-Dinitrotoluene	14.35	165	70920	23.101	ng/ul#	85
47) Acenaphthylene	14.51	152	410408	18.384	ng/ul	97
48) 3-Nitroaniline	14.68	138	72611	21.830	ng/ul#	81
49) Acenaphthene	14.84	153	279310	18.288	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	7106	4.325	ng/ul#	88
52) 4-Nitrophenol	14.98	109	41162	16.420	ng/ul#	87
53) Dibenzofuran	15.18	168	413603	19.808	ng/ul	94
54) 2,4-Dinitrotoluene	15.13	165	104941	23.380	ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.40	232	98594	24.575	ng/ul#	92
56) Diethylphthalate	15.58	149	358187	19.805	ng/ul	98
58) Fluorene	15.83	166	334207	20.064	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.81	204	182235	23.253	ng/ul	89
60) 4-Nitroaniline	15.84	138	74626	18.250	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.90	198	38098	13.842	ng/ul#	80
64) N-Nitrosodiphenylamine	16.03	169	304280	19.117	ng/ul	98
65) 4-Bromophenyl-phenylether	16.71	248	121619	22.590	ng/ul	91
66) Hexachlorobenzene	16.83	284	131139	23.808	ng/ul	92
67) Atrazine	16.97	200	123116	20.368	ng/ul	98
68) Pentachlorophenol	17.17	266	55119	16.796	ng/ul	95
69) Phenanthrene	17.56	178	564000	19.551	ng/ul	99
71) Anthracene	17.65	178	581431	19.535	ng/ul	99
72) Carbazole	17.92	167	527775	19.726	ng/ul	98
73) Di-n-butylphthalate	18.46	149	624100	19.414	ng/ul	98
74) Fluoranthene	19.56	202	719757	22.325	ng/ul	99
77) Pyrene	19.92	202	735939	18.314	ng/ul	98
78) Butylbenzylphthalate	20.79	149	295843	18.157	ng/ul	90
79) 3,3'-Dichlorobenzidine	21.68	252	248493	22.648	ng/ul#	99
80) Benzo(a)anthracene	21.77	228	747552	19.894	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	419836	17.780	ng/ul#	98
82) Chrysene	21.84	228	685654	20.082	ng/ul	97
84) Di-n-octyl phthalate	22.91	149	707471	17.265	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	742553	20.196	ng/ul	97
86) Benzo(k)fluoranthene	24.12	252	724286	20.374	ng/ul	98
88) Benzo(a)pyrene	24.95	252	716670	20.025	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.88	276	834281	20.604	ng/ul	99
90) Dibenzo(a,h)anthracene	28.95	278	690425	20.525	ng/ul	95
91) Benzo(g,h,i)perylene	30.07	276	694293	20.686	ng/ul#	94

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



#2

1,4-Dioxane

Concen: 7.594 ng/uL

RT: 3.58 min Scan# 50

Delta R.T. -0.01 min

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BNA_G

ClientSampleId :

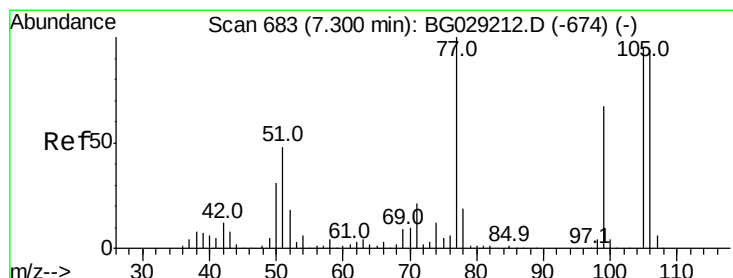
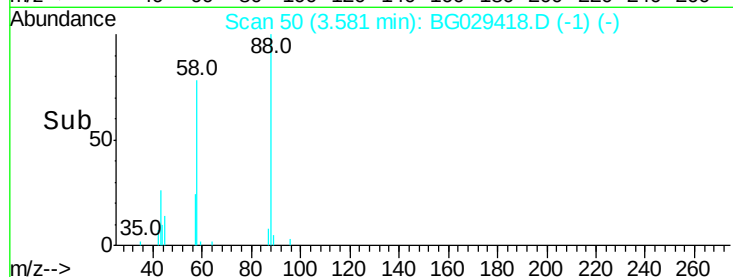
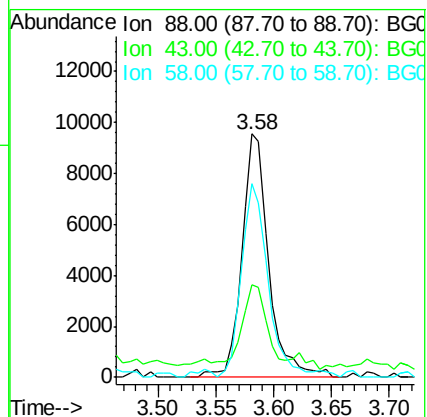
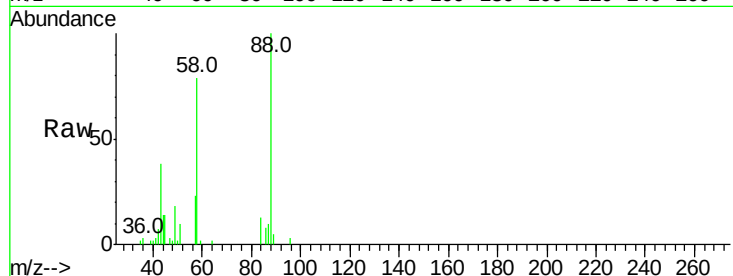
Tot Ion: 88 Resp: 15390

Ion Ratio Lower Upper

88 100

43 37.8 35.0 52.6

58 79.5 74.0 111.0



#4

Benzaldehyde

Concen: 17.655 ng/uL

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

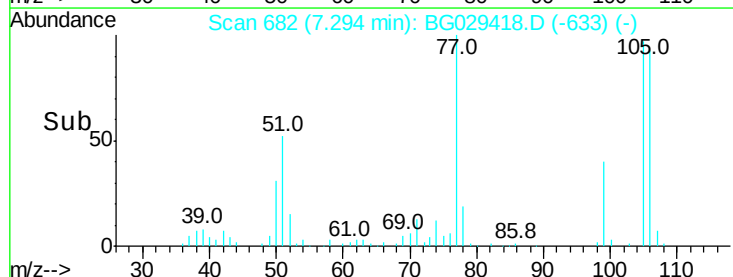
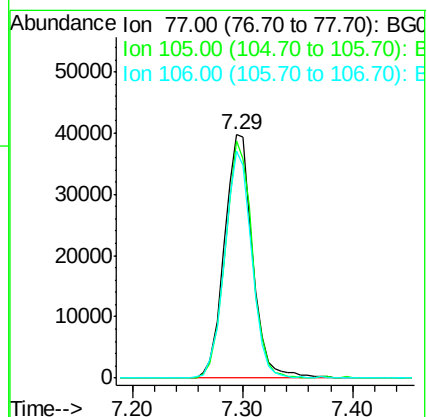
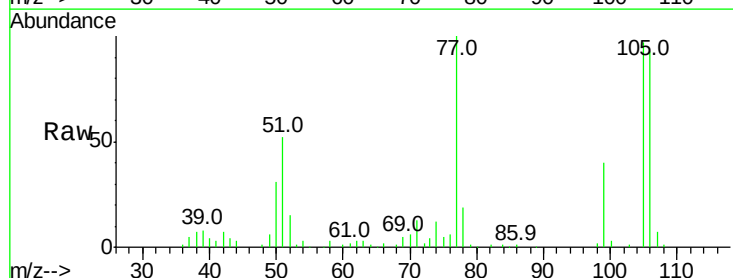
Tgt Ion: 77 Resp: 70730

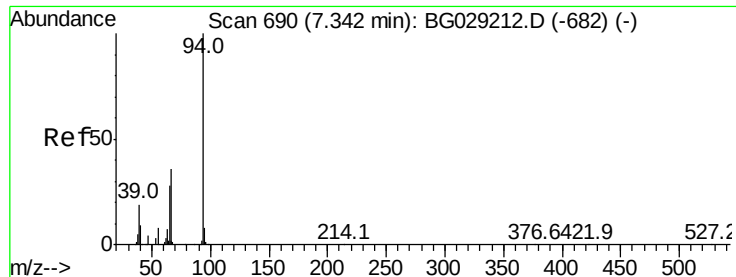
Ion Ratio Lower Upper

77 100

105 97.5 70.5 105.7

106 93.3 74.1 111.1





#6

Phenol

Concen: 18.674 ng/ul

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

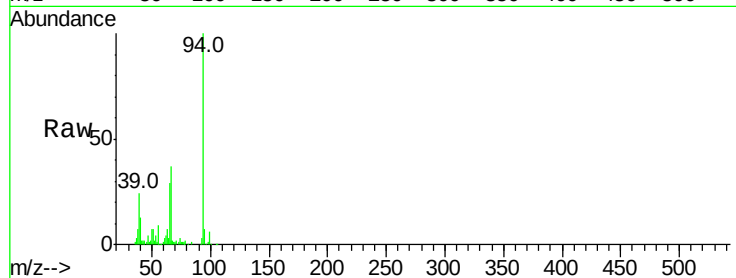
Tot Ion: 94 Resp: 125279

Ion Ratio Lower Upper

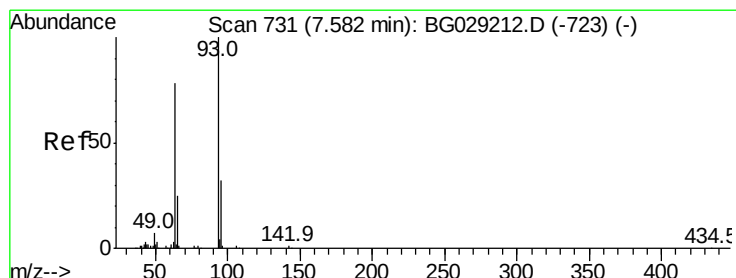
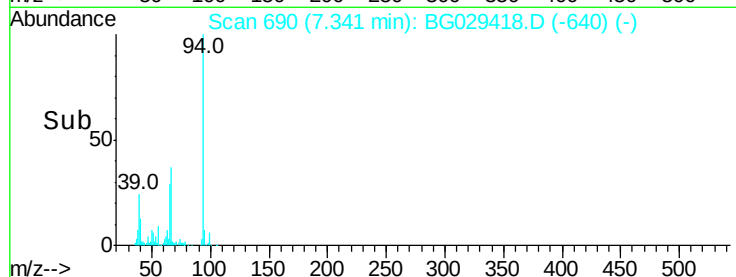
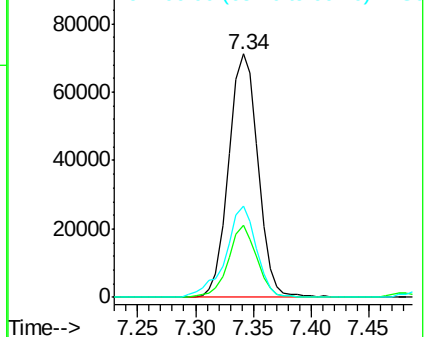
94 100

65 29.5 27.1 40.7

66 37.3 34.6 52.0



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



#8

Bis(2-Chloroethyl)ether

Concen: 17.696 ng/ul

RT: 7.58 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

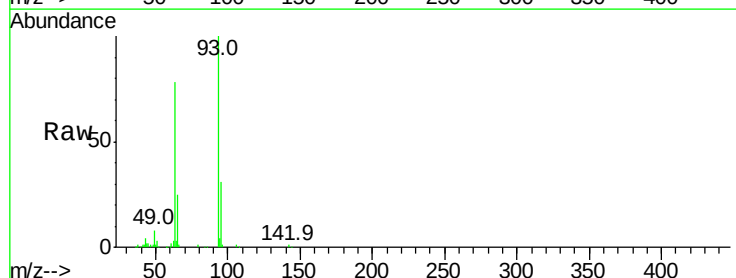
Tgt Ion: 93 Resp: 90371

Ion Ratio Lower Upper

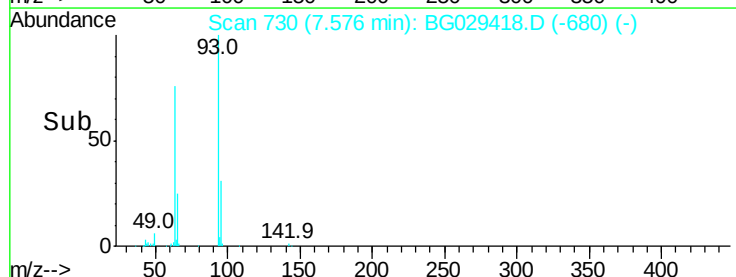
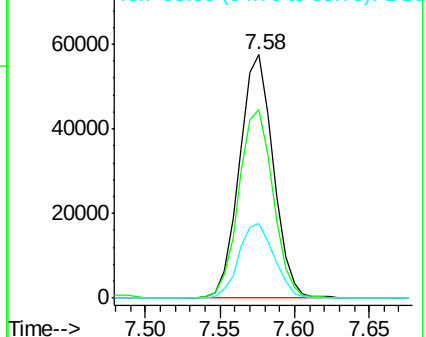
93 100

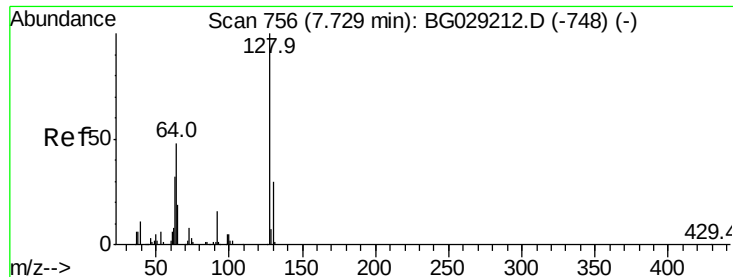
63 77.5 71.8 107.8

95 30.6 25.2 37.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

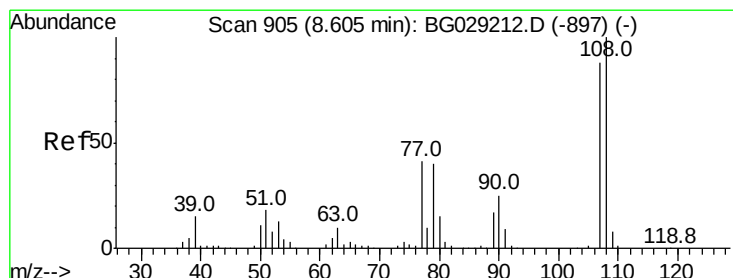
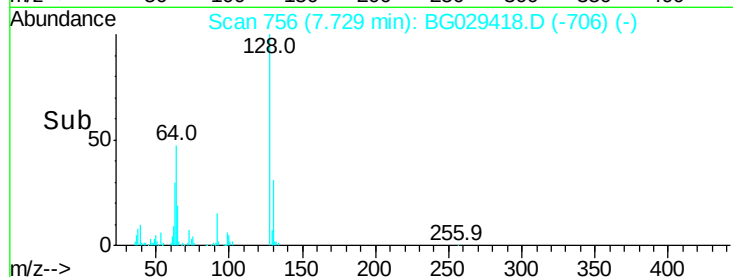
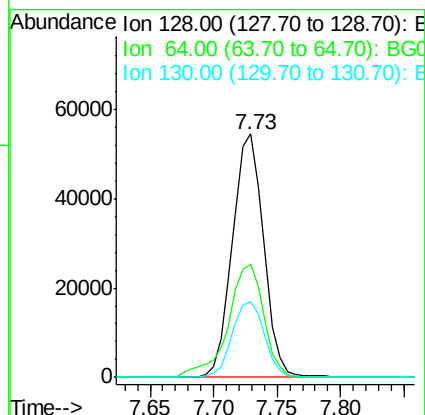
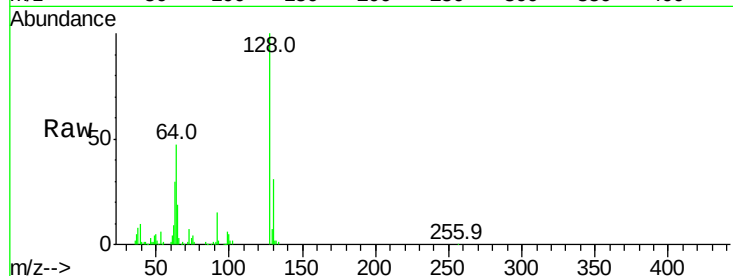




#10
2-Chlorophenol
Concen: 19.800 ng/ul
RT: 7.73 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

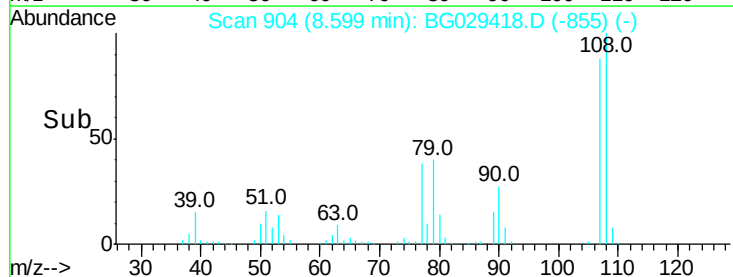
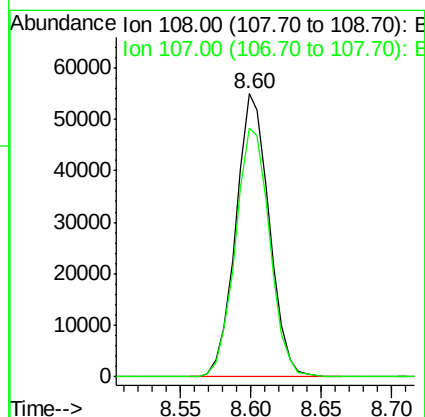
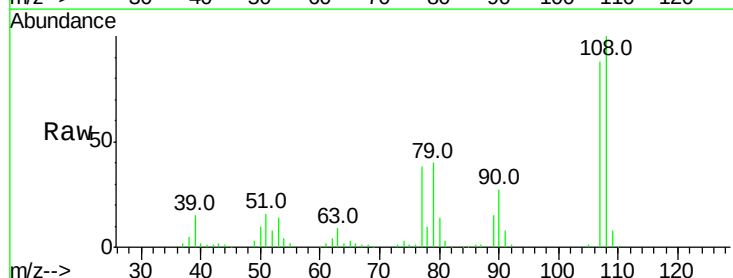
Instrument :
BNA_G
ClientSampleId :

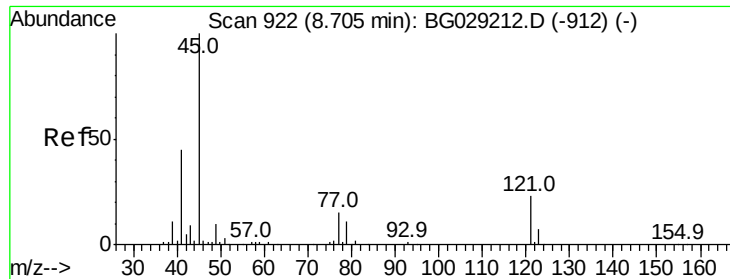
Tot Ion:128 Resp: 92572
Ion Ratio Lower Upper
128 100
64 46.5 46.6 69.8#
130 31.4 25.8 38.8



#11
2-Methylphenol
Concen: 18.083 ng/ul
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion:108 Resp: 90701
Ion Ratio Lower Upper
108 100
107 87.9 76.7 115.1

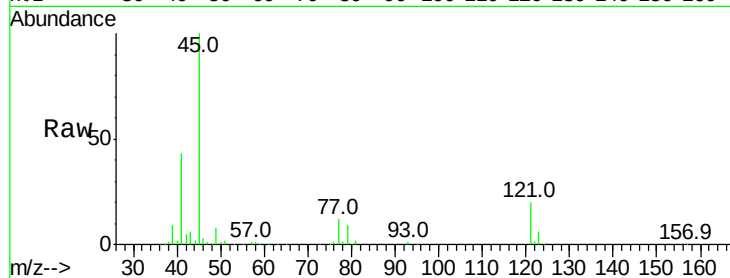




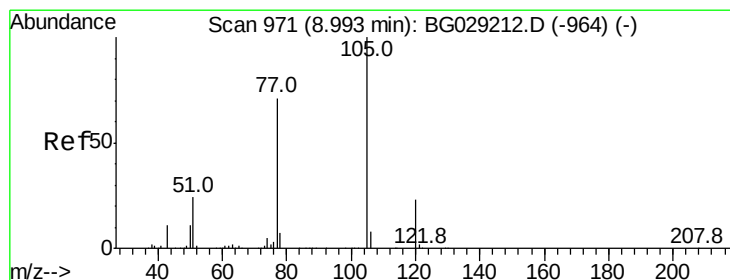
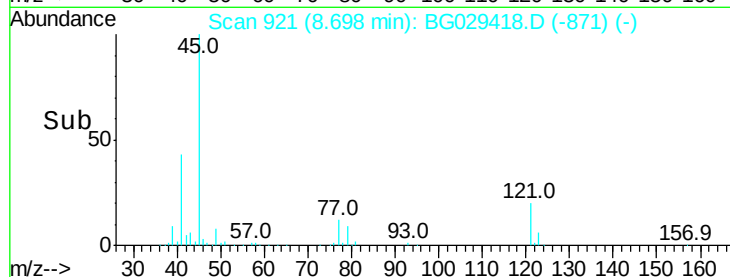
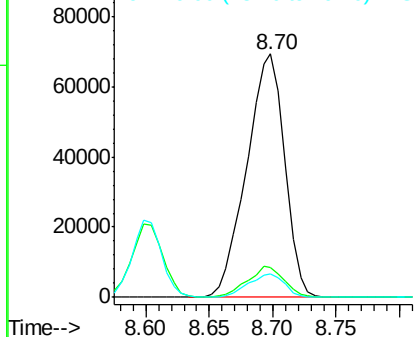
#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.307 ng/ul
RT: 8.70 min Scan# 921
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 45 Resp: 144513
Ion Ratio Lower Upper
45 100
77 12.2 9.5 14.3
79 9.5 6.8 10.2

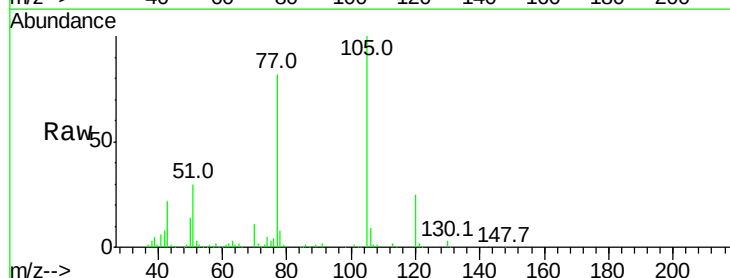


Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

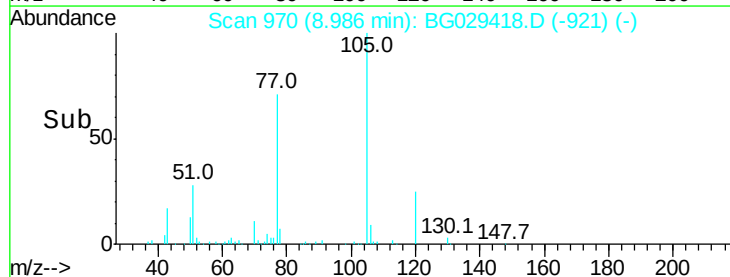
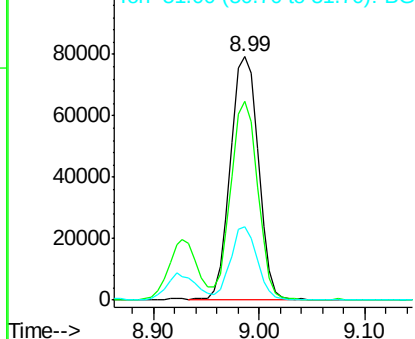


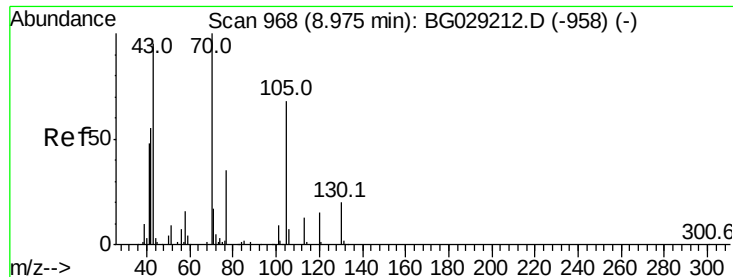
#14
Acetophenone
Concen: 18.096 ng/ul
RT: 8.99 min Scan# 970
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion:105 Resp: 144707
Ion Ratio Lower Upper
105 100
77 81.7 70.2 105.2
51 30.2 24.6 36.8



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

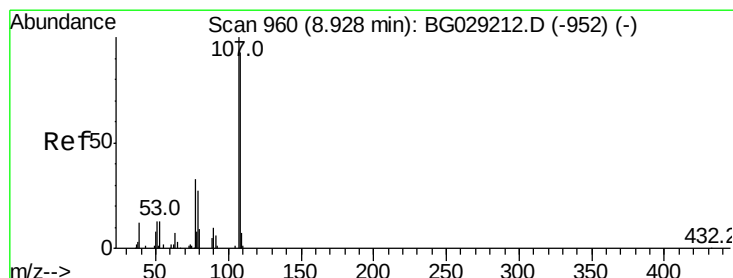
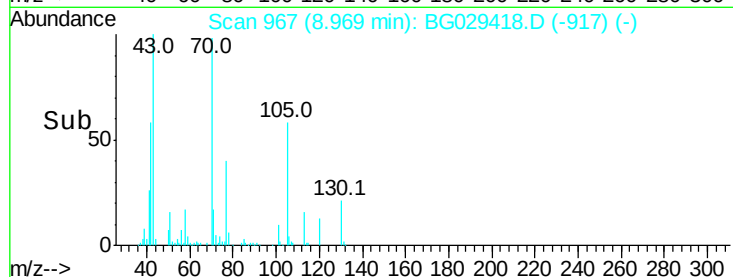
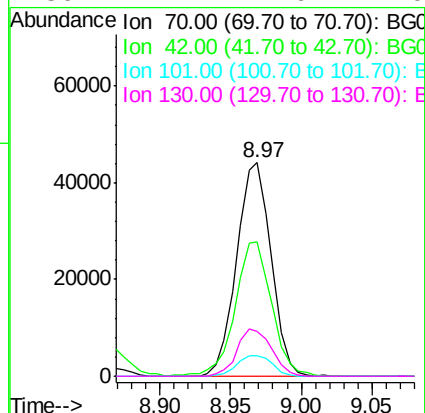
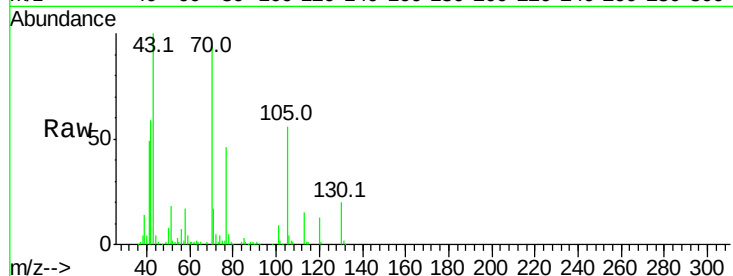




#15
N-Nitroso-di-n-propylamine
Concen: 16.961 ng/ul
RT: 8.97 min Scan# 967
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

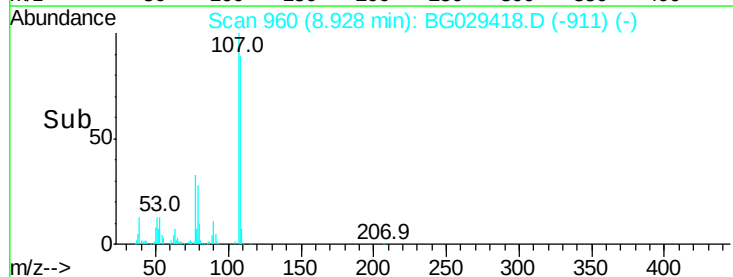
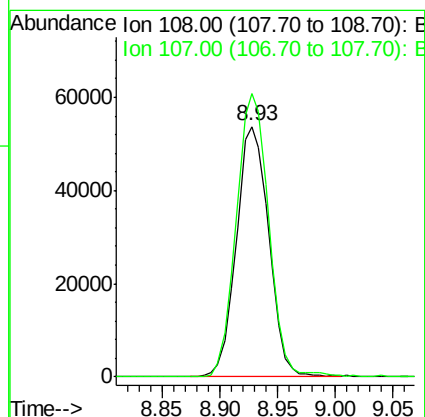
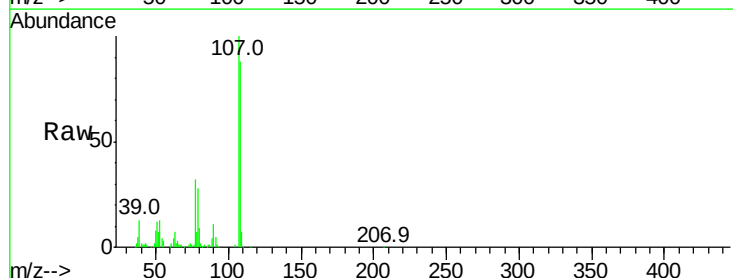
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ClientSampleId :

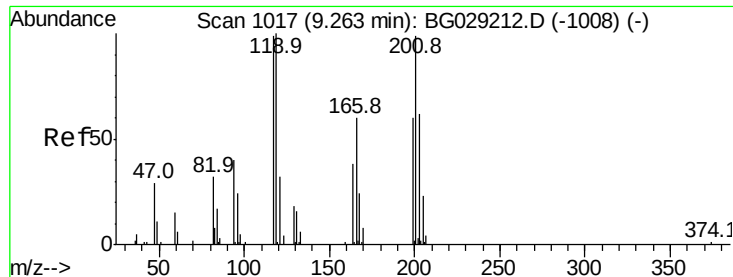
Tot Ion: 70 Resp: 75162
Ion Ratio Lower Upper
70 100
42 62.7 51.7 77.5
101 9.9 7.6 11.4
130 21.1 14.6 22.0



#16
4-Methylphenol
Concen: 19.106 ng/ul
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion: 108 Resp: 104404
Ion Ratio Lower Upper
108 100
107 113.1 86.5 129.7

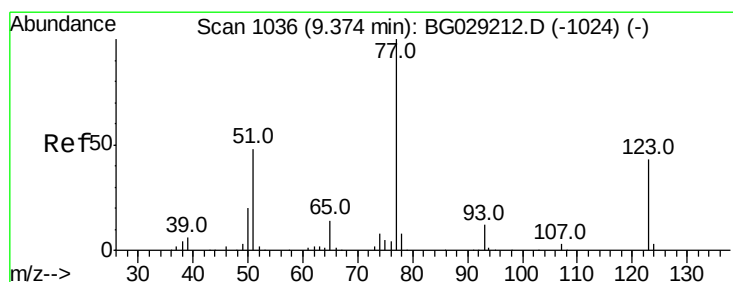
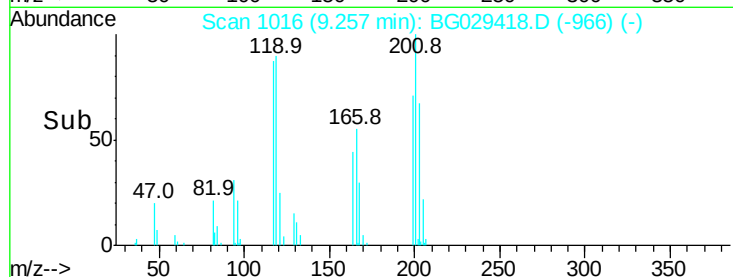
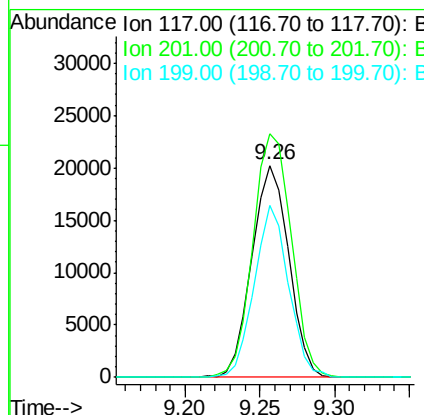
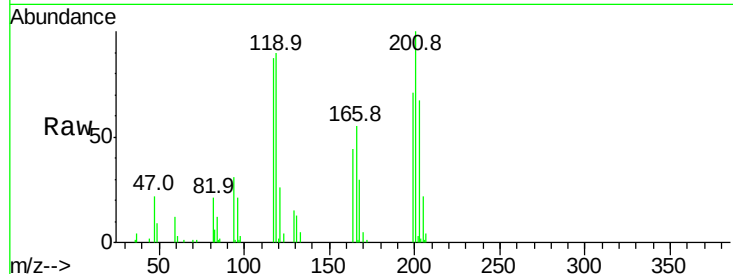




#17
Hexachloroethane
Concen: 18.517 ng/ul
RT: 9.26 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

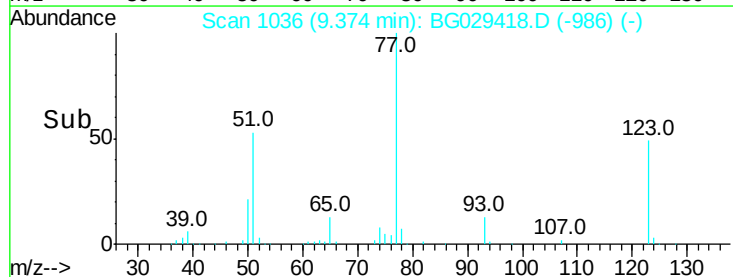
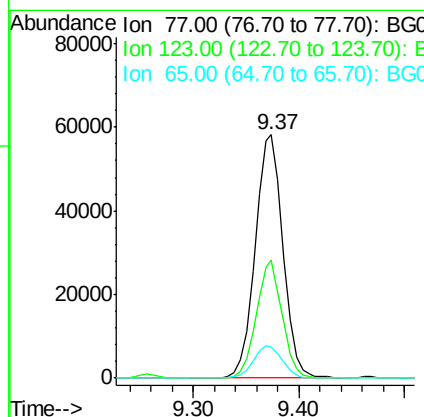
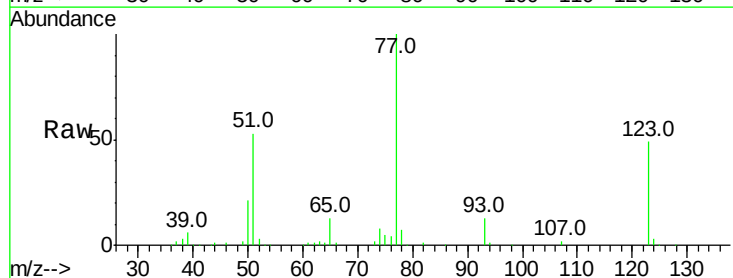
Instrument :
BNA_G
ClientSampled :

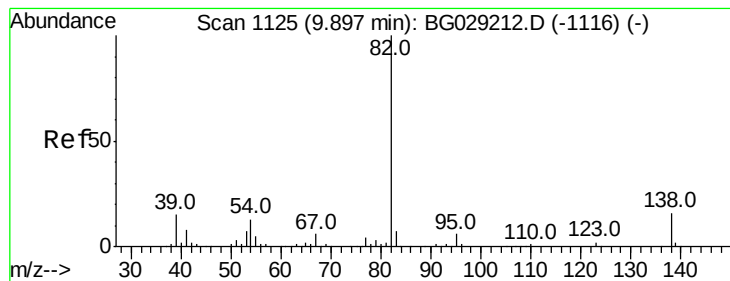
Tot Ion:117 Resp: 34569
Ion Ratio Lower Upper
117 100
201 114.9 88.1 132.1
199 81.3 55.8 83.6



#20
Nitrobenzene
Concen: 17.655 ng/ul
RT: 9.37 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion: 77 Resp: 106075
Ion Ratio Lower Upper
77 100
123 48.8 28.6 43.0#
65 12.8 11.2 16.8





#21

Isophorone

Concen: 16.422 ng/ul

RT: 9.89 min Scan# 1124

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

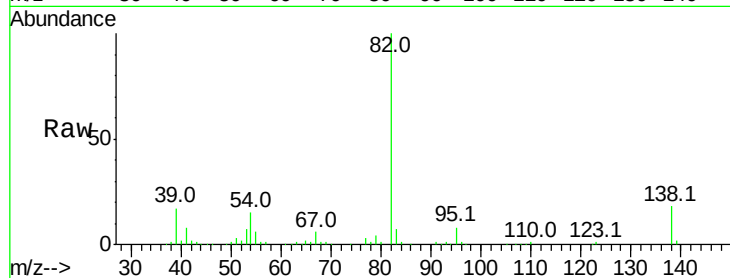
Tot Ion: 82 Resp: 208469

Ion Ratio Lower Upper

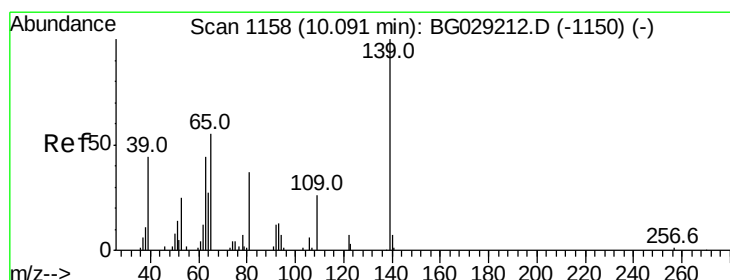
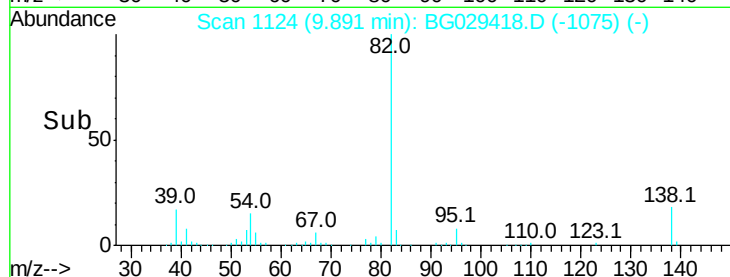
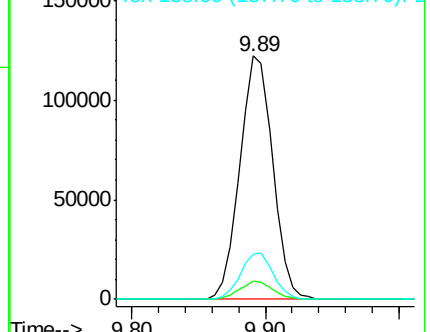
82 100

95 7.8 6.5 9.7

138 18.4 13.3 19.9



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



#23

2-Nitrophenol

Concen: 22.058 ng/ul

RT: 10.09 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

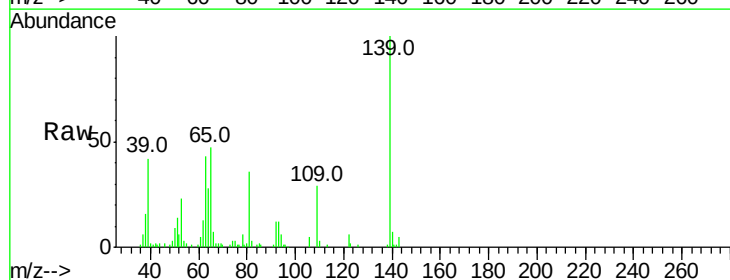
Tgt Ion:139 Resp: 55270

Ion Ratio Lower Upper

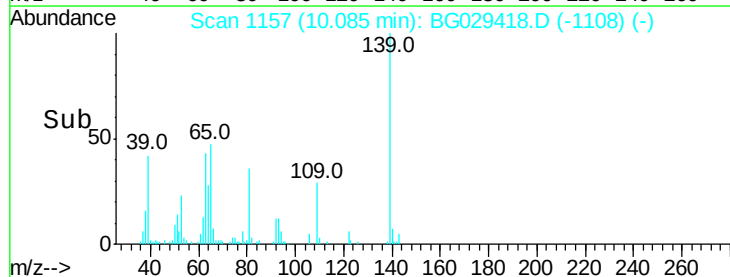
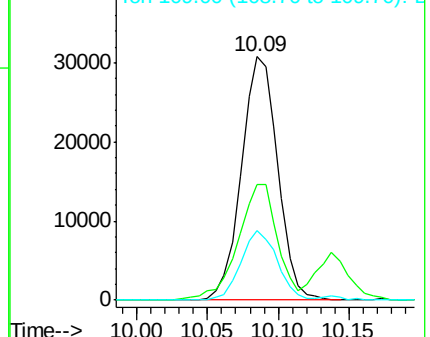
139 100

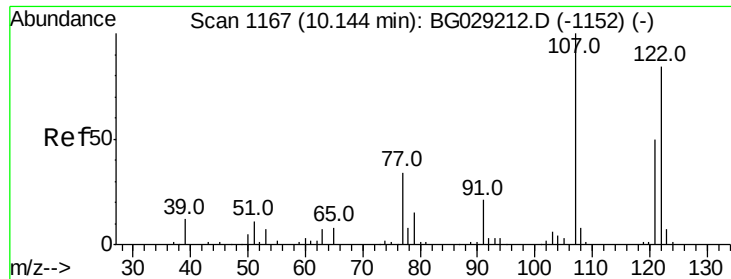
65 47.3 55.0 82.6#

109 28.8 31.2 46.8#



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





#24

2,4-Dimethylphenol

Concen: 18.611 ng/ul

RT: 10.14 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

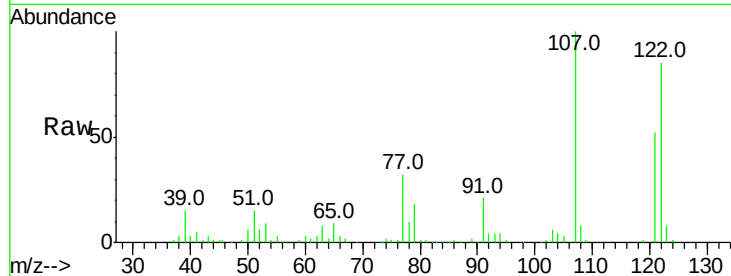
Tot Ion:107 Resp: 113403

Ion Ratio Lower Upper

107 100

121 51.7 33.8 50.6#

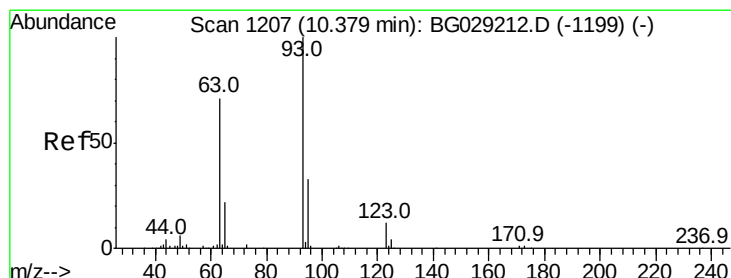
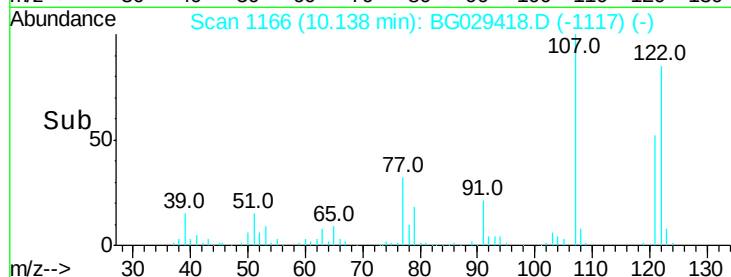
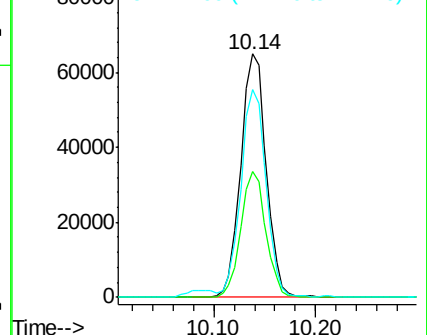
122 85.4 62.8 94.2



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 17.027 ng/ul

RT: 10.37 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

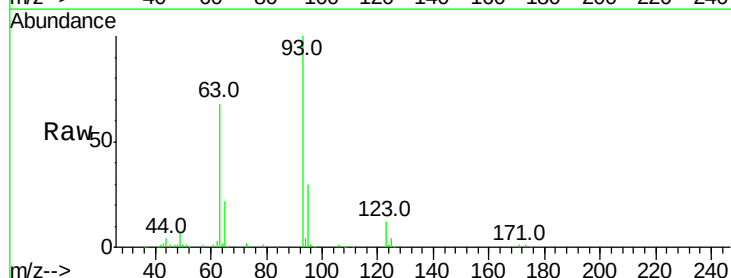
Tgt Ion: 93 Resp: 130118

Ion Ratio Lower Upper

93 100

95 30.3 24.7 37.1

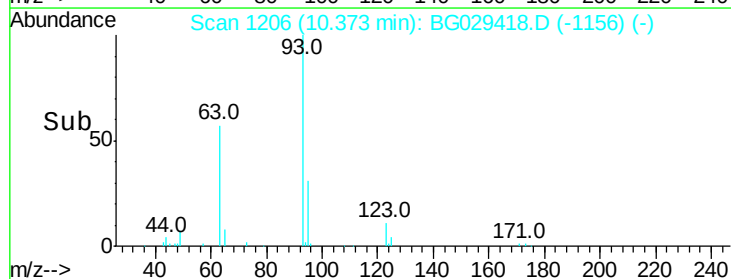
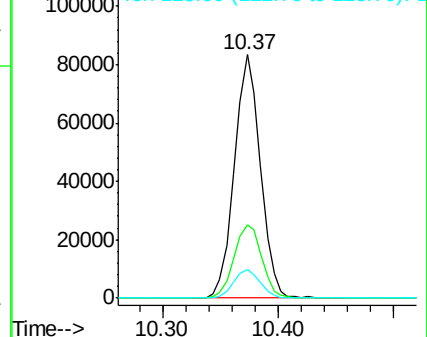
123 11.5 7.5 11.3#

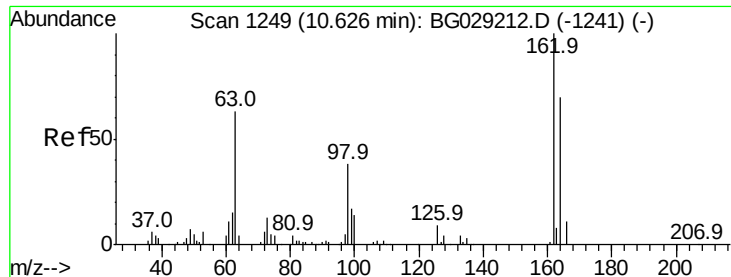


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.505 ng/ul

RT: 10.63 min Scan# 1249

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

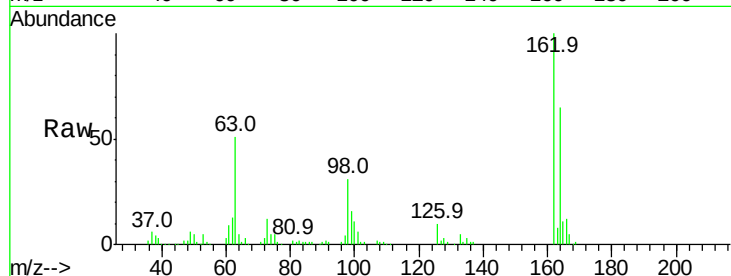
Tot Ion:162 Resp: 105957

Ion Ratio Lower Upper

162 100

164 64.9 49.7 74.5

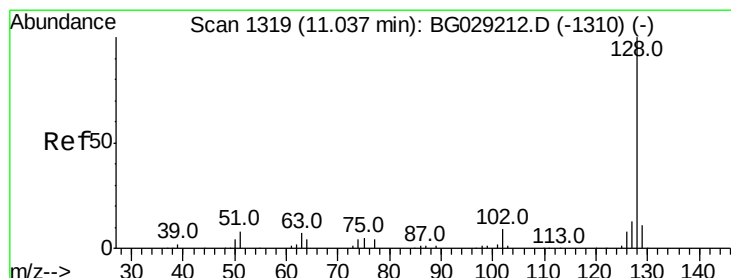
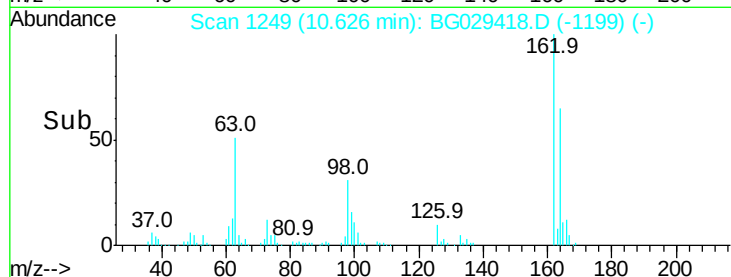
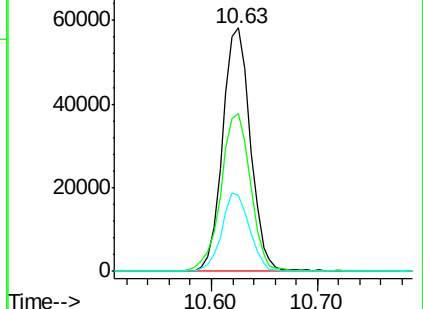
98 31.0 26.6 40.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#28

Naphthalene

Concen: 18.521 ng/ul

RT: 11.03 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

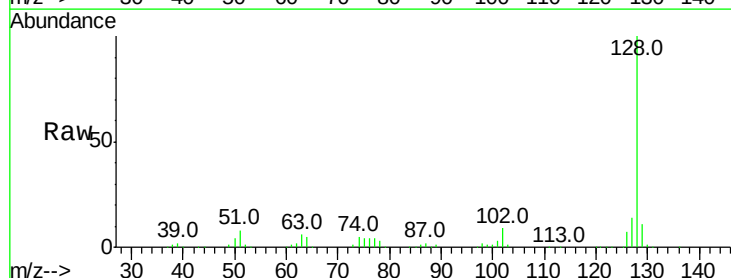
Tgt Ion:128 Resp: 300847

Ion Ratio Lower Upper

128 100

129 11.3 9.3 13.9

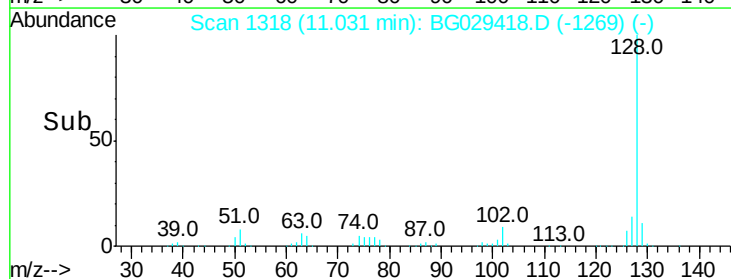
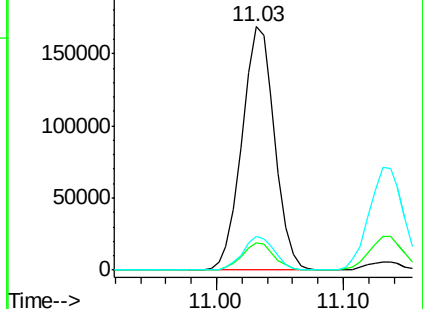
127 13.7 10.7 16.1

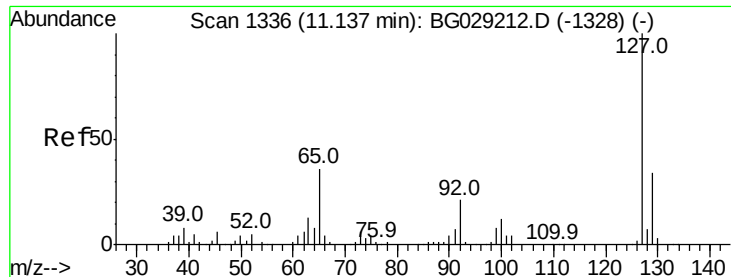


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

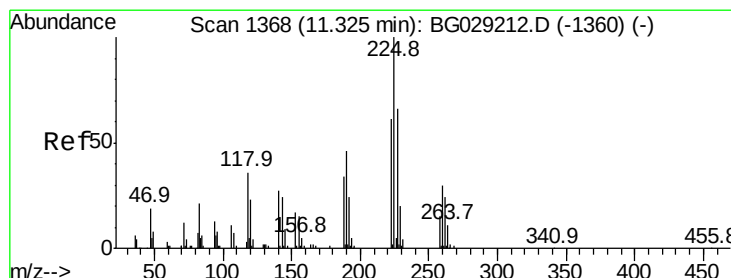
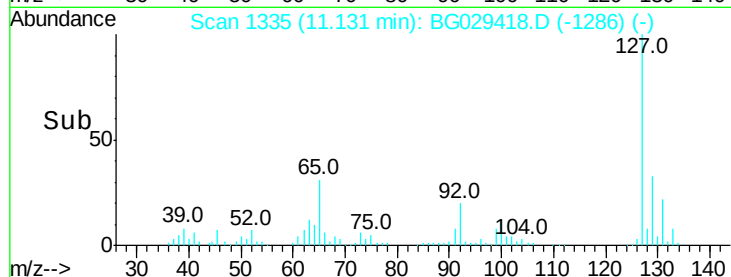
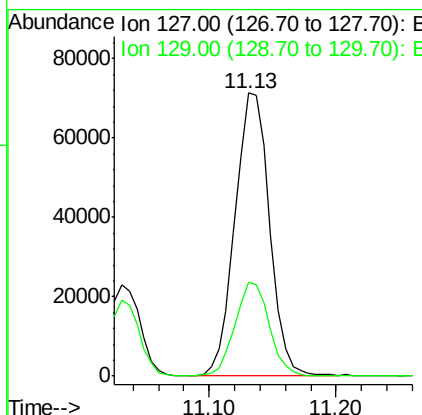
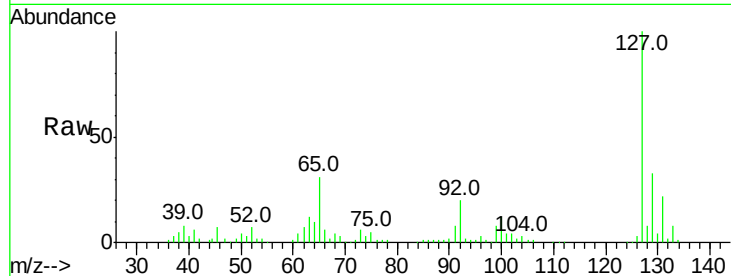




#30
4-Chloroaniline
Concen: 23.105 ng/ul
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

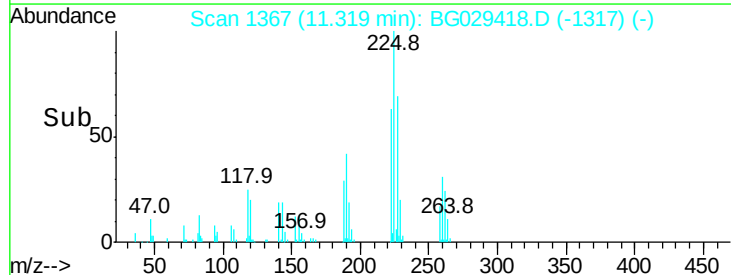
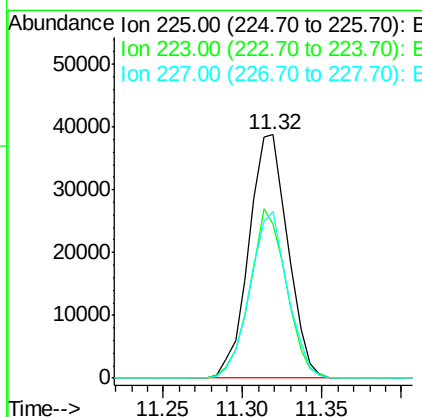
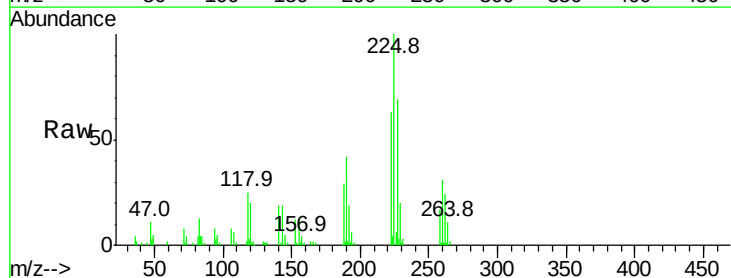
Instrument :
BNA_G
ClientSampleId :

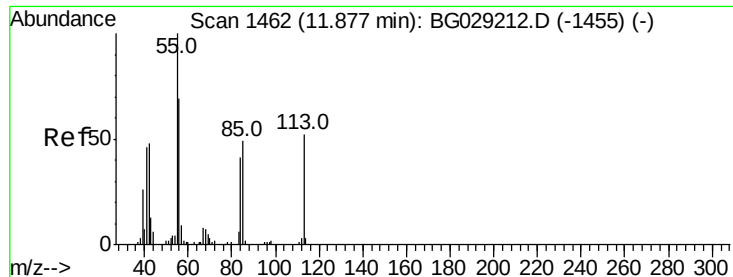
Tot Ion:127 Resp: 135163
Ion Ratio Lower Upper
127 100
129 33.1 23.9 35.9



#31
Hexachlorobutadiene
Concen: 21.595 ng/ul
RT: 11.32 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion:225 Resp: 66466
Ion Ratio Lower Upper
225 100
223 63.5 52.1 78.1
227 68.5 51.8 77.6





#32

Caprolactam

Concen: 18.743 ng/ul

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

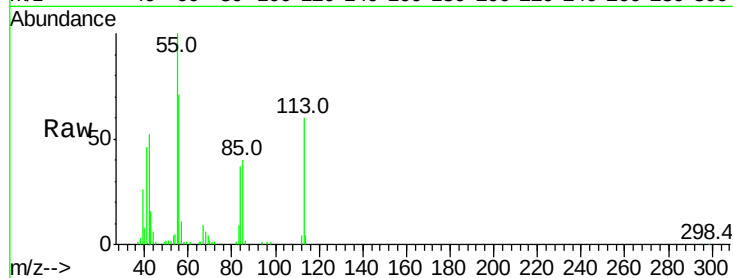
Tot Ion:113 Resp: 39525

Ion Ratio Lower Upper

113 100

55 166.4 146.5 219.7

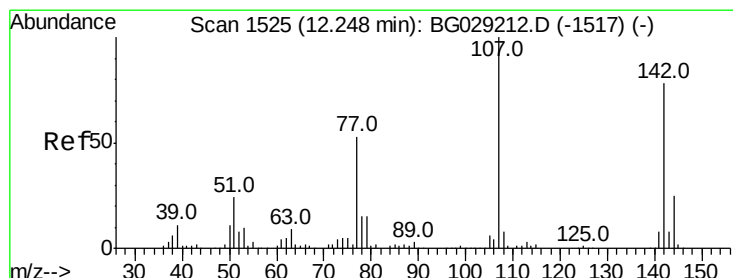
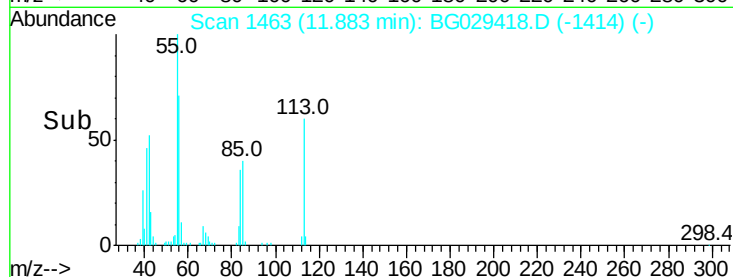
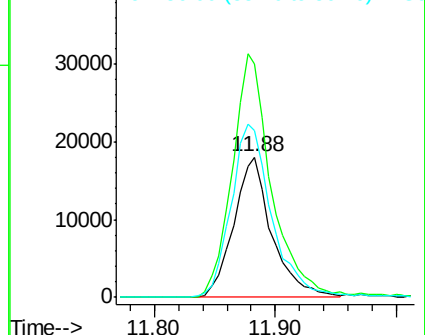
56 118.6 107.6 161.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 20.104 ng/ul

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

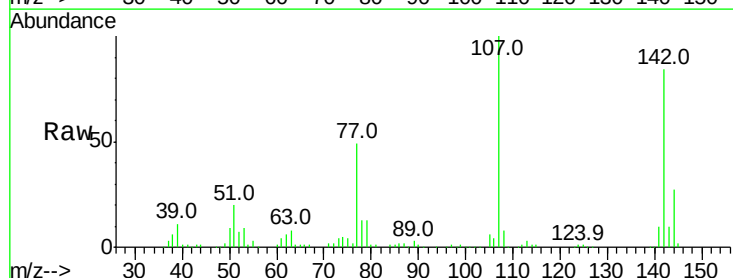
Tgt Ion:107 Resp: 116223

Ion Ratio Lower Upper

107 100

144 27.3 18.0 27.0#

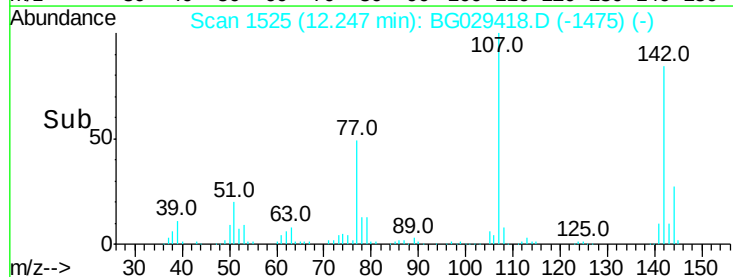
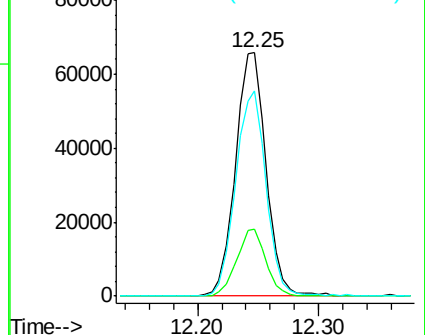
142 84.1 60.5 90.7

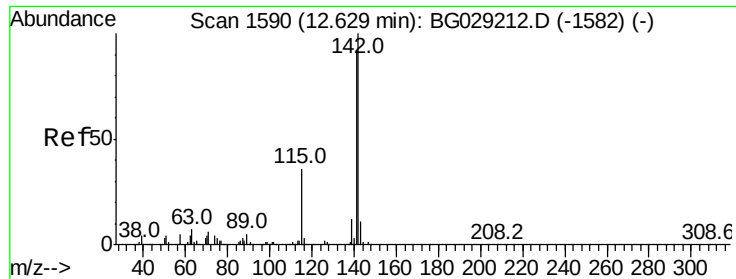


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

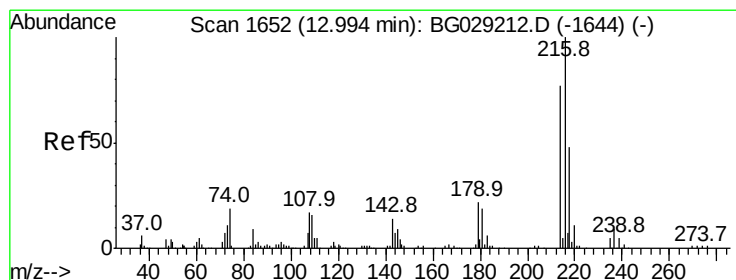
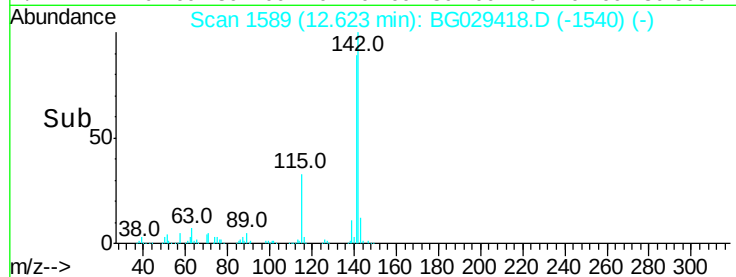
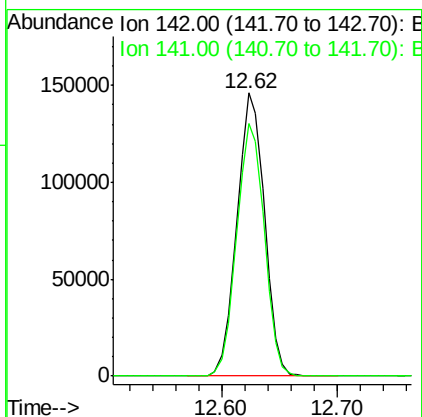
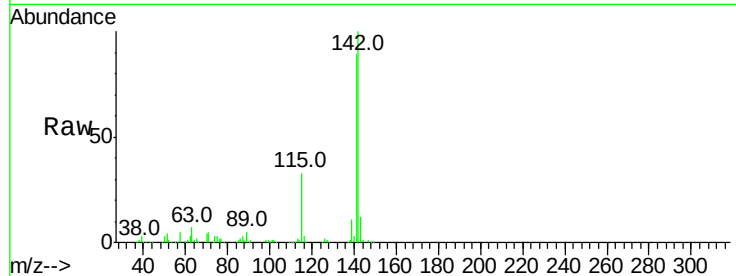




#34
 2-Methylnaphthalene
 Concen: 17.942 ng/ul
 RT: 12.62 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

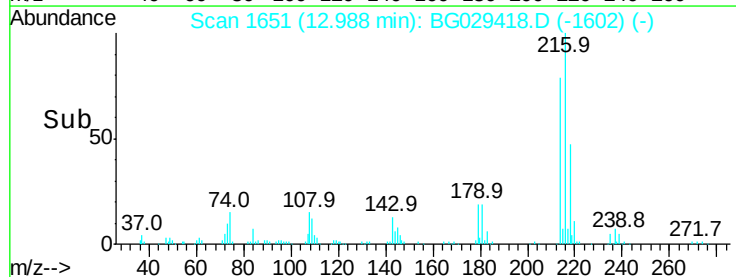
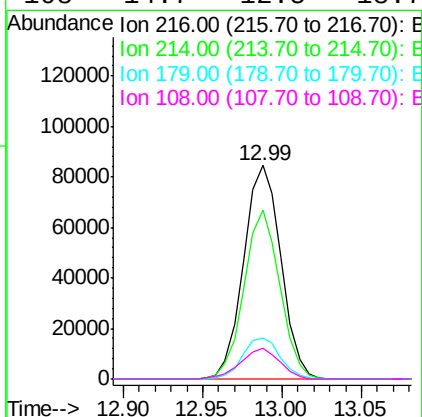
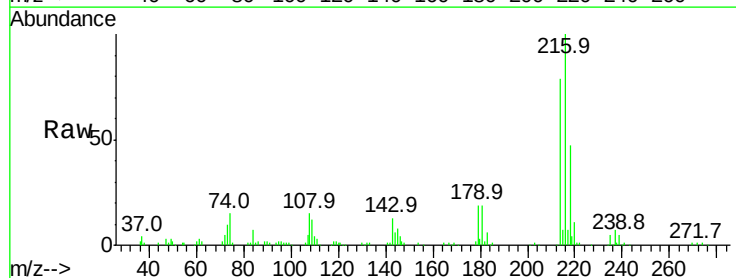
Instrument :
 BNA_G
 ClientSampleId :

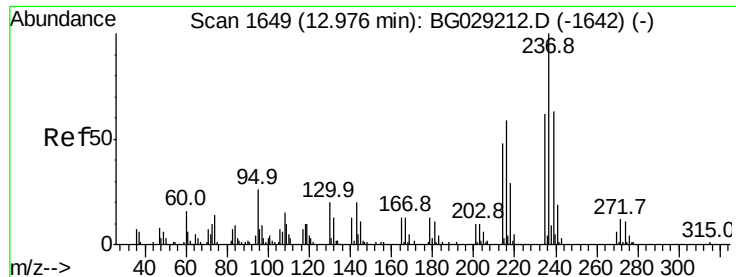
Tot Ion:142 Resp: 241251
 Ion Ratio Lower Upper
 142 100
 141 89.4 75.4 113.0



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.136 ng/ul
 RT: 12.99 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

Tgt Ion:216 Resp: 138067
 Ion Ratio Lower Upper
 216 100
 214 79.1 66.7 100.1
 179 18.9 19.4 29.2#
 108 14.7 12.5 18.7





#37

Hexachlorocyclopentadiene

Concen: 18.370 ng/ul

RT: 12.97 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

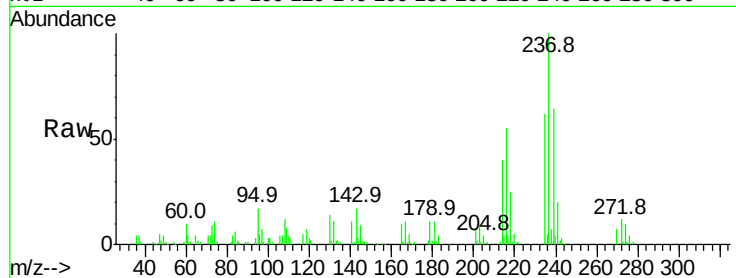
Tot Ion:237 Resp: 60398

Ion Ratio Lower Upper

237 100

235 61.7 51.9 77.9

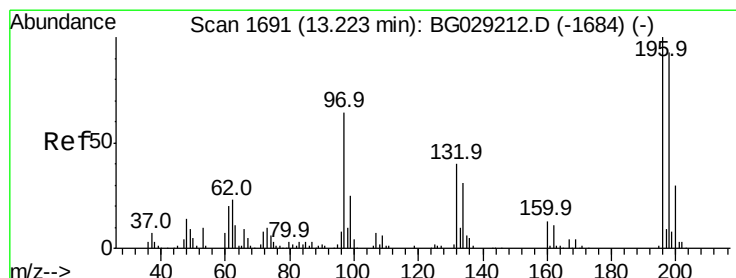
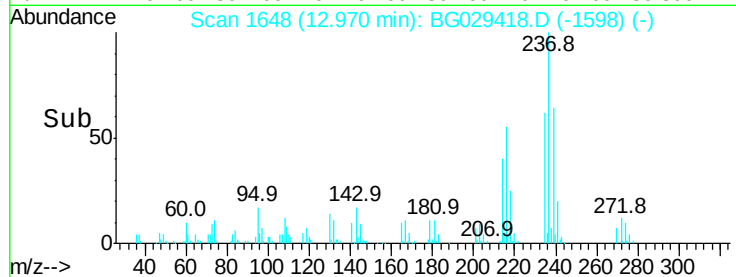
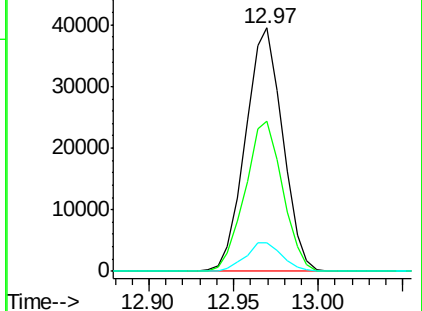
272 12.4 9.8 14.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.690 ng/ul

RT: 13.22 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

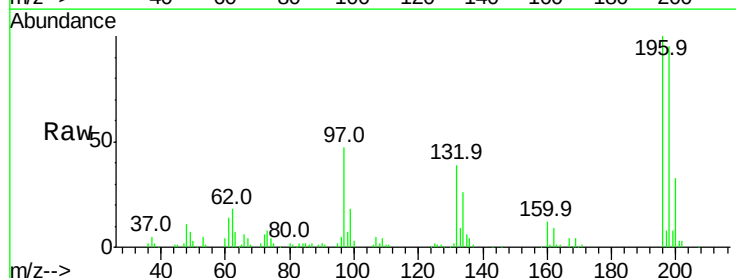
Tgt Ion:196 Resp: 98048

Ion Ratio Lower Upper

196 100

198 95.2 75.2 112.8

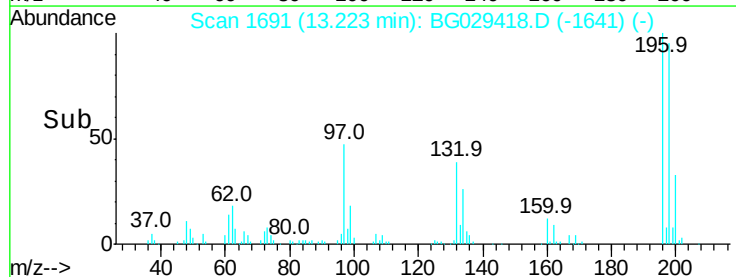
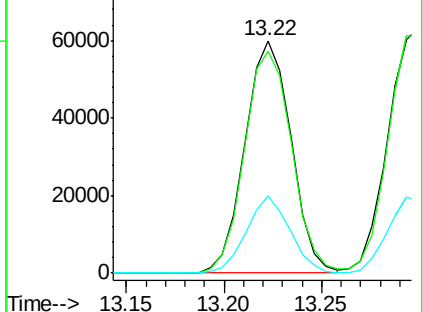
200 33.2 26.2 39.4

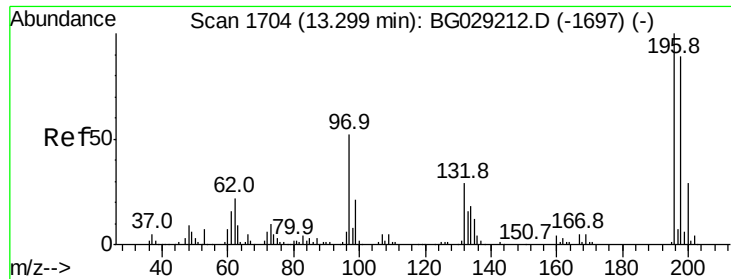


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

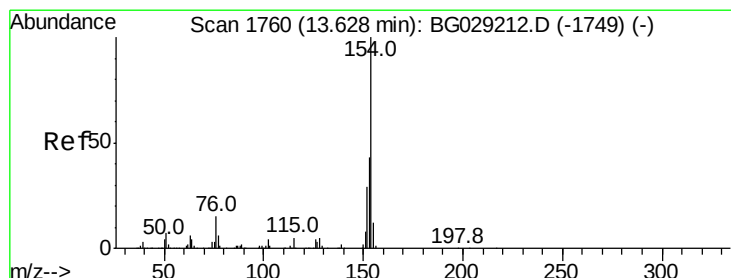
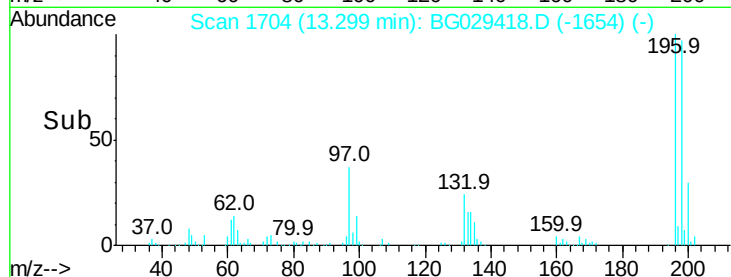
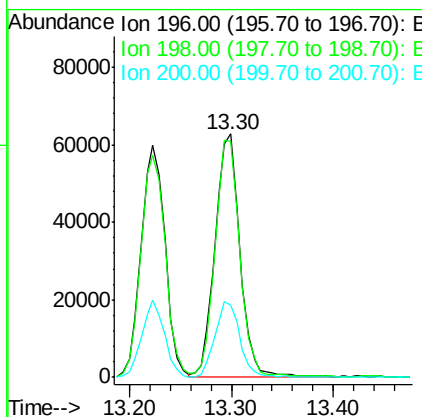
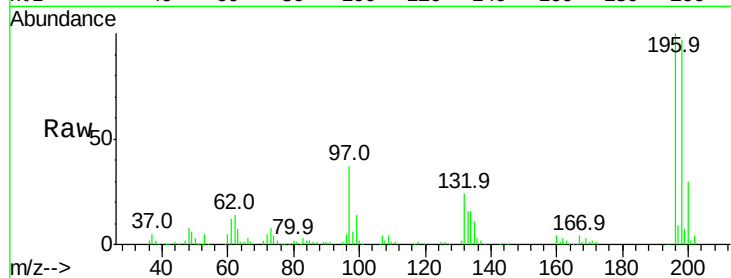




#39
 2,4,5-Trichlorophenol
 Concen: 23.590 ng/ul
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

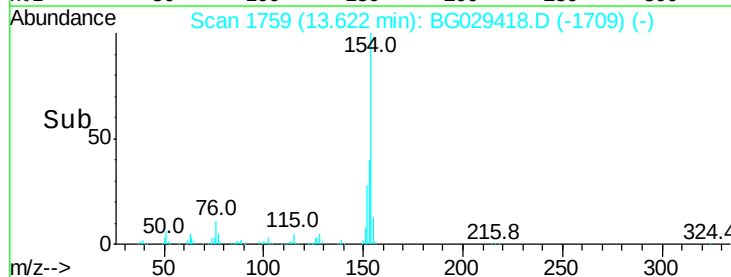
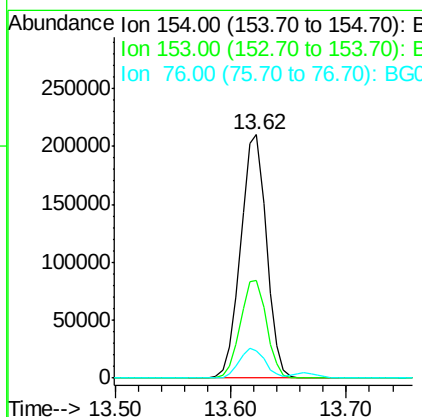
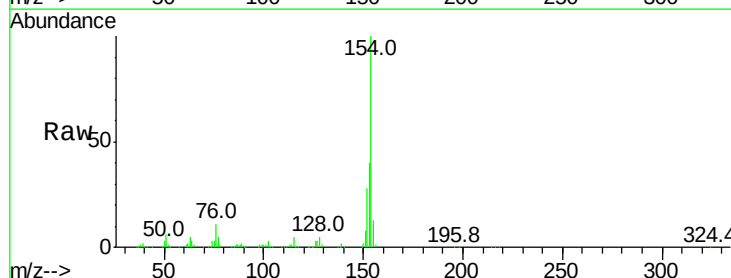
Instrument :
 BNA_G
 ClientSampleId :

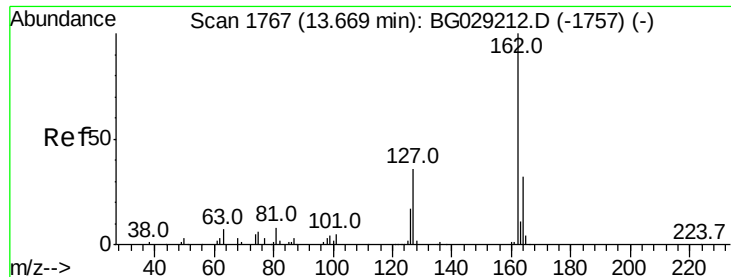
Tot Ion:196 Resp: 107629
 Ion Ratio Lower Upper
 196 100
 198 97.1 75.8 113.6
 200 29.5 24.1 36.1



#40
 1,1'-Biphenyl
 Concen: 18.790 ng/ul
 RT: 13.62 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

Tgt Ion:154 Resp: 326069
 Ion Ratio Lower Upper
 154 100
 153 40.4 34.6 52.0
 76 11.4 10.6 15.8

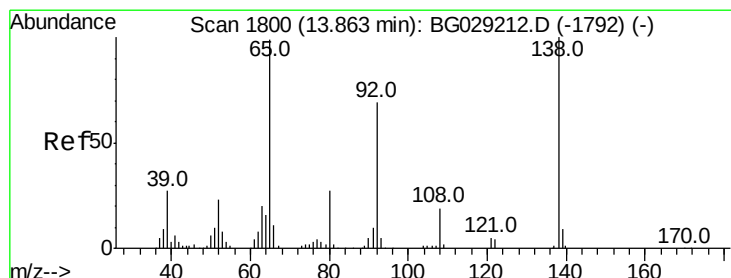
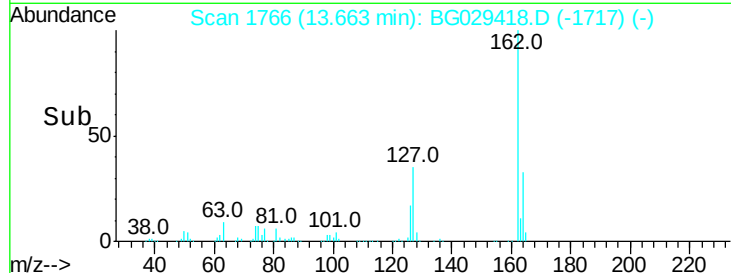
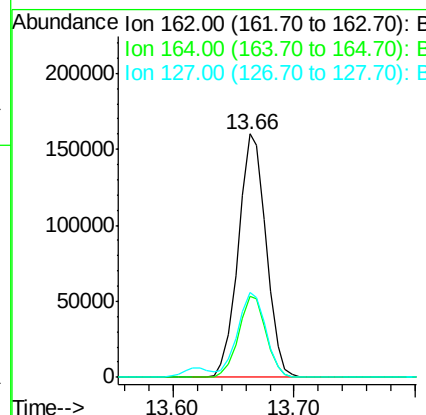
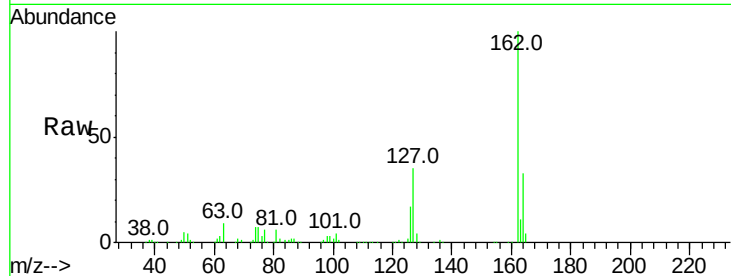




#41
 2-Chloronaphthalene
 Concen: 19.538 ng/ul
 RT: 13.66 min Scan# 1766
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

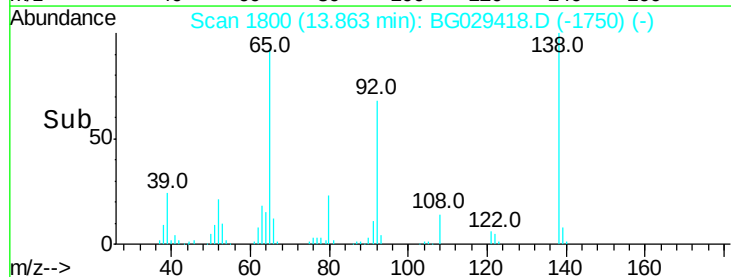
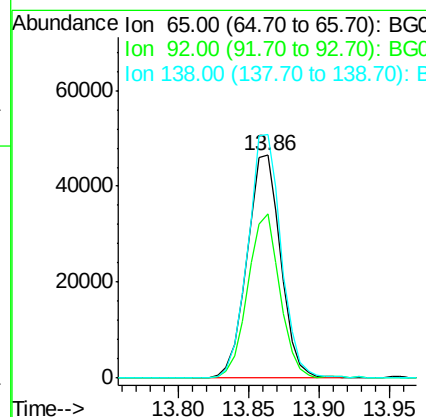
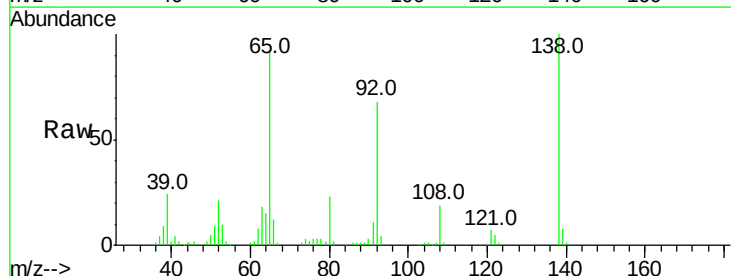
Instrument :
 BNA_G
 ClientSampleId :

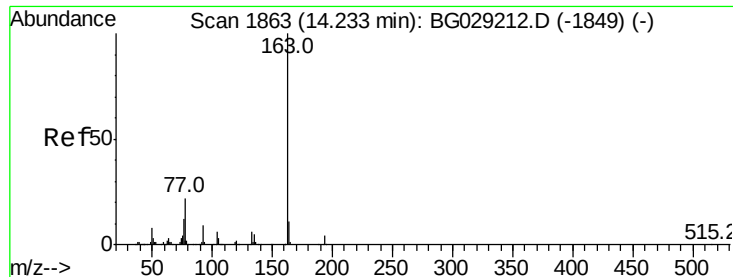
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.0	37.6
127	34.7	30.6	46.0



#42
 2-Nitroaniline
 Concen: 18.888 ng/ul
 RT: 13.86 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	55.3	82.9
138	109.2	70.3	105.5





#44

Dimethylphthalate

Concen: 19.692 ng/ul

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

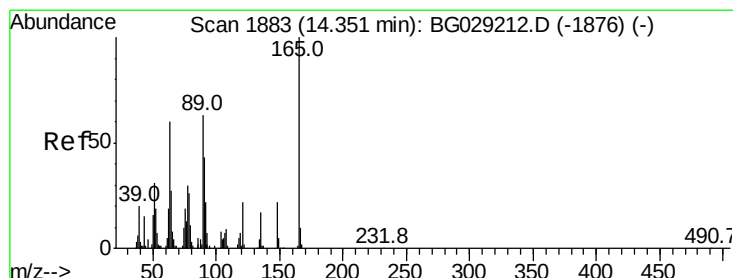
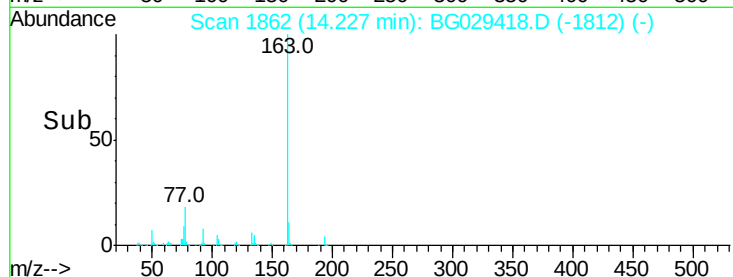
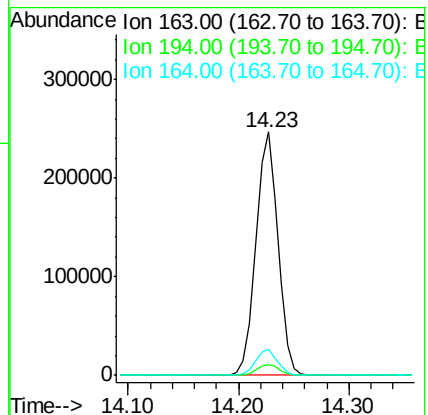
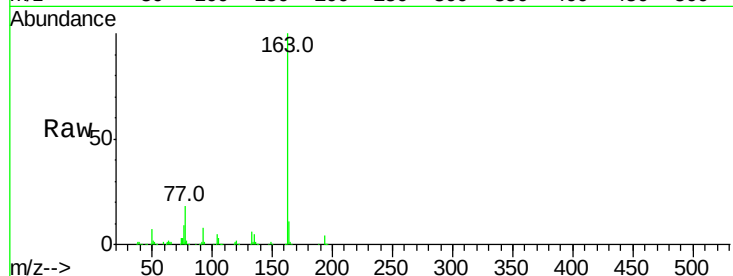
Tot Ion:163 Resp: 345621

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.8 7.6 11.4



#45

2,6-Dinitrotoluene

Concen: 23.101 ng/ul

RT: 14.35 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

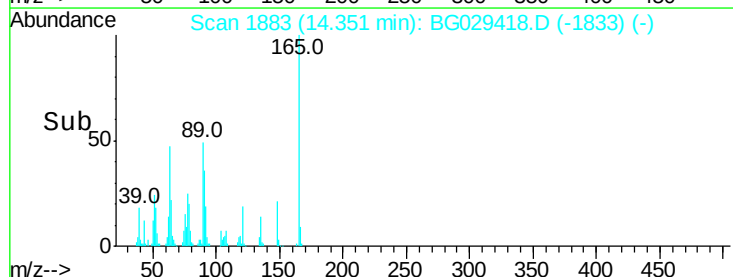
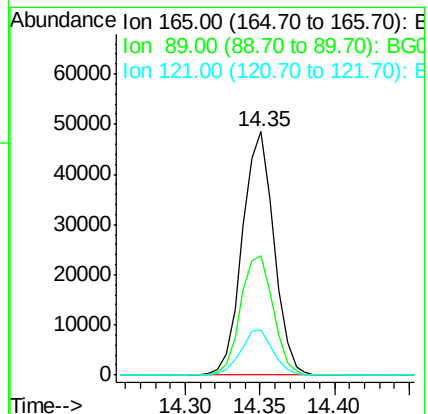
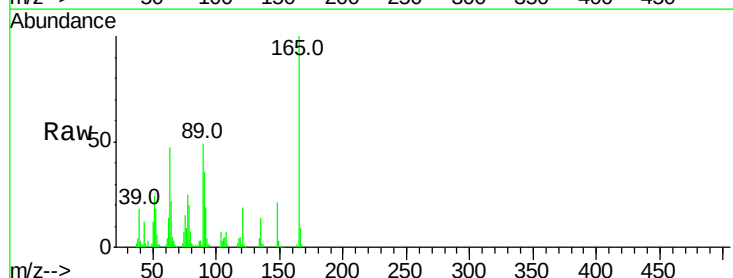
Tgt Ion:165 Resp: 70920

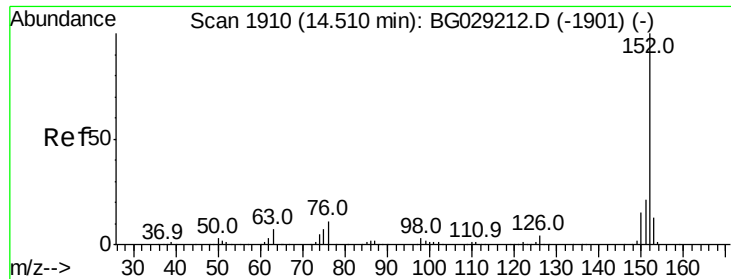
Ion Ratio Lower Upper

165 100

89 49.2 51.1 76.7#

121 18.8 17.2 25.8





#47

Acenaphthylene

Concen: 18.384 ng/ul

RT: 14.51 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

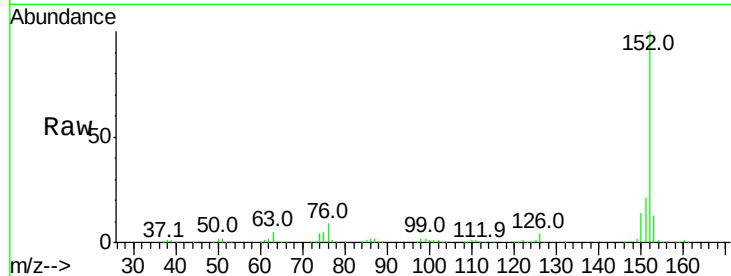
Tot Ion:152 Resp: 410408

Ion Ratio Lower Upper

152 100

151 20.9 15.2 22.8

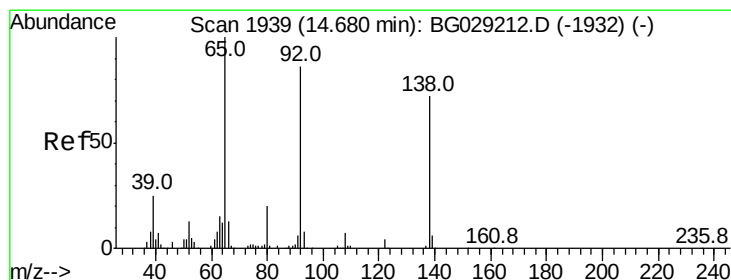
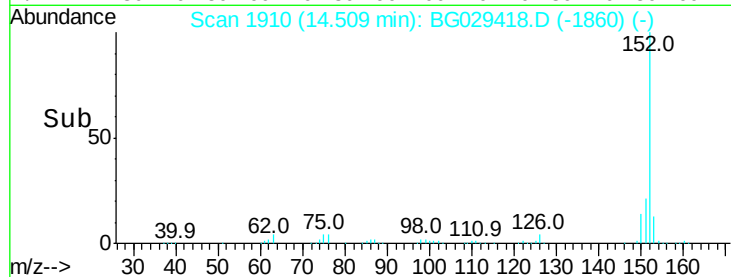
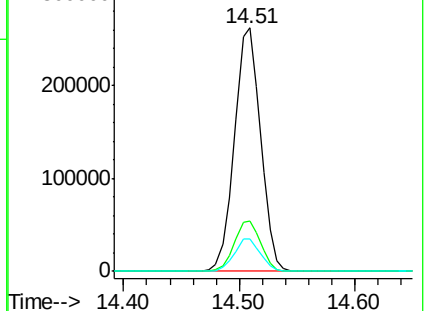
153 13.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.830 ng/ul

RT: 14.68 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

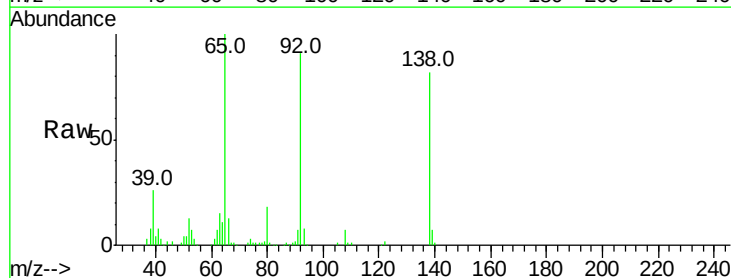
Tgt Ion:138 Resp: 72611

Ion Ratio Lower Upper

138 100

108 8.8 10.5 15.7#

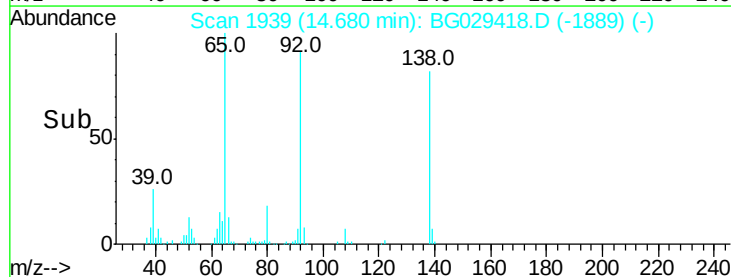
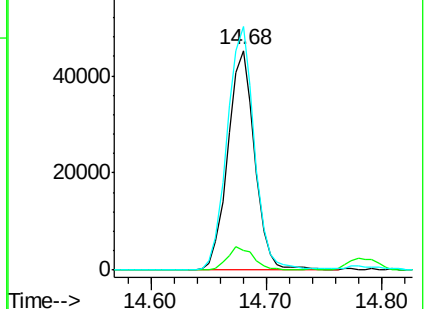
92 110.9 107.8 161.8

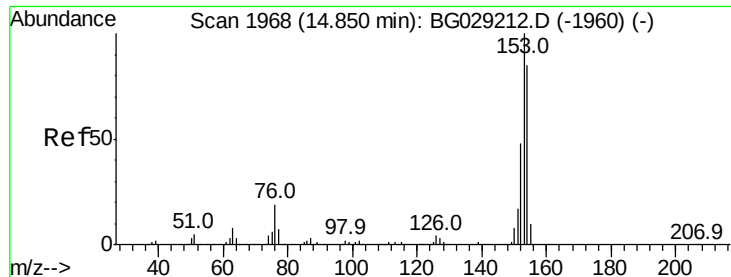


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 18.288 ng/ul

RT: 14.84 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

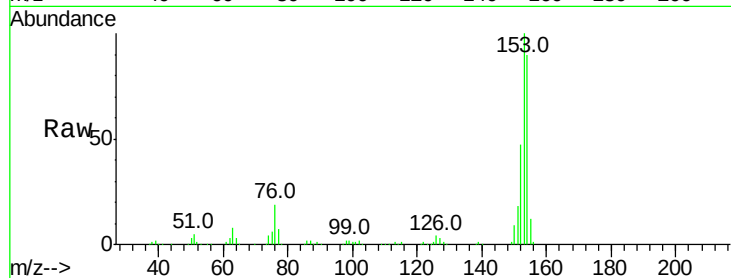
Tot Ion:153 Resp: 279310

Ion Ratio Lower Upper

153 100

152 47.2 38.2 57.2

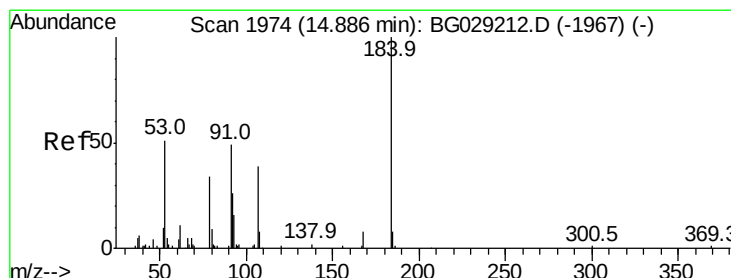
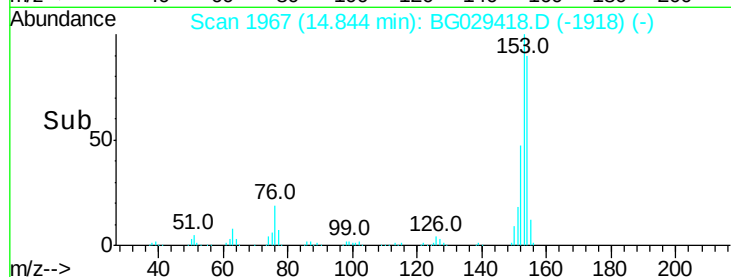
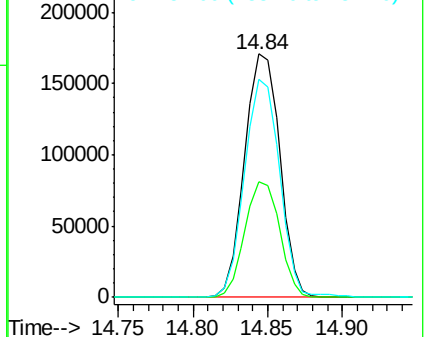
154 89.5 70.6 105.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 4.325 ng/ul

RT: 14.89 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

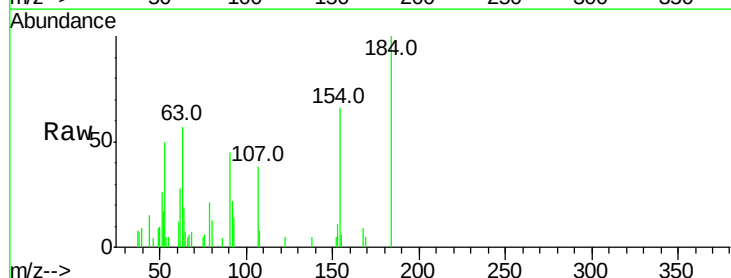
Tgt Ion:184 Resp: 7106

Ion Ratio Lower Upper

184 100

63 57.0 58.6 87.8#

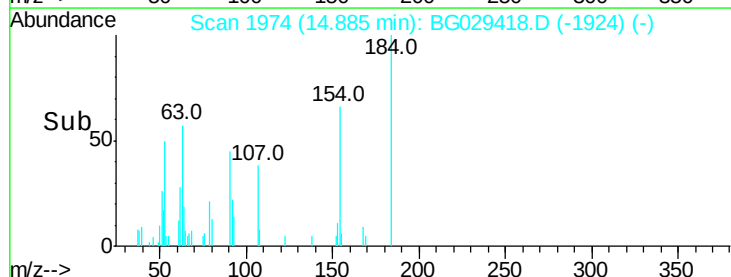
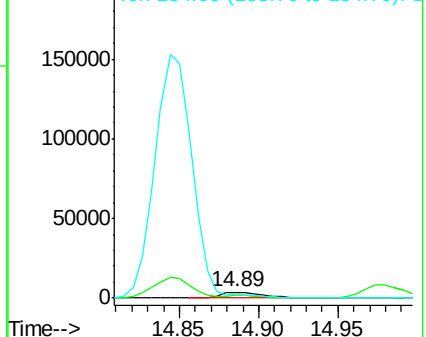
154 65.8 55.8 83.6

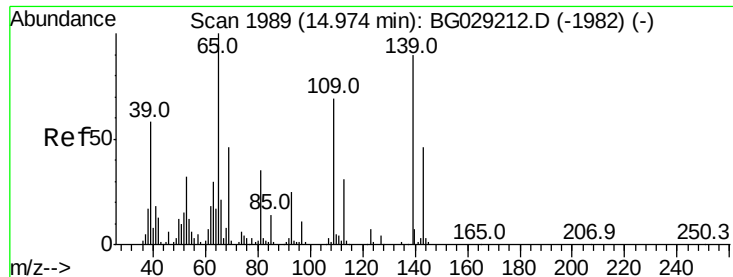


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 16.420 ng/ul

RT: 14.98 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

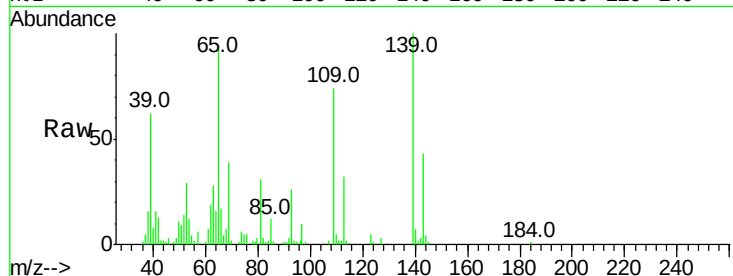
Tot Ion:109 Resp: 41162

Ion Ratio Lower Upper

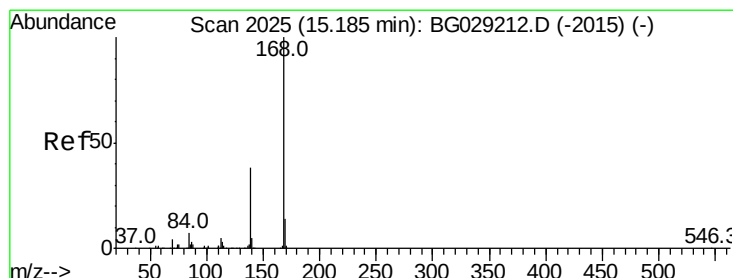
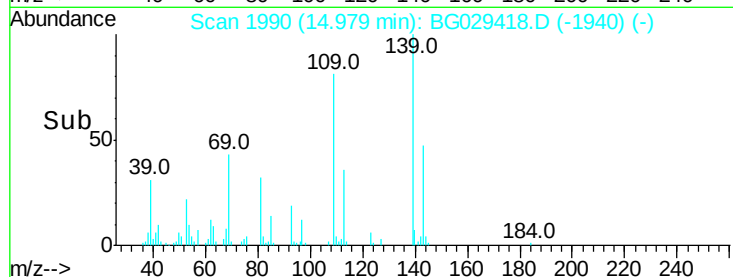
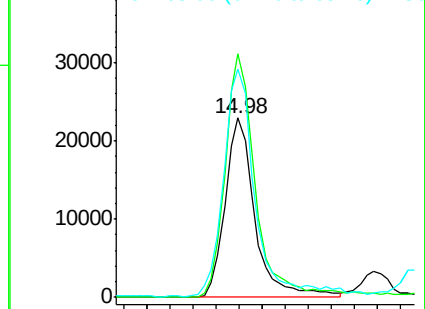
109 100

139 135.6 89.5 134.3#

65 127.0 98.3 147.5



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



#53

Dibenzofuran

Concen: 19.808 ng/ul

RT: 15.18 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG029418.D

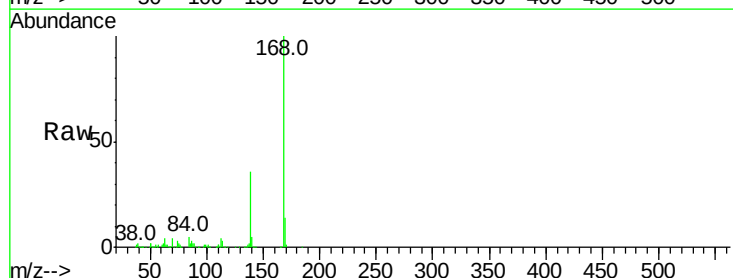
Acq: 24 Oct 2017 9:38

Tgt Ion:168 Resp: 413603

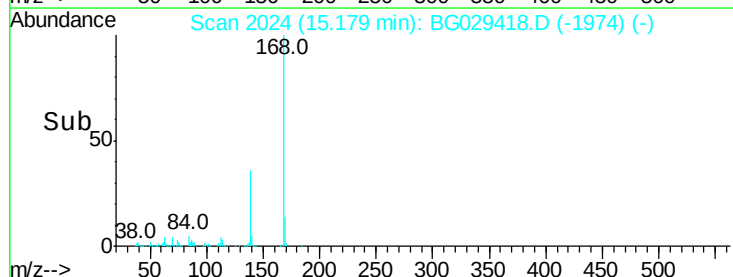
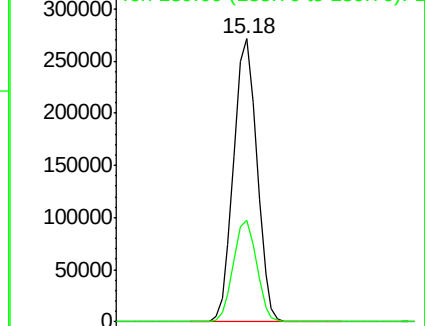
Ion Ratio Lower Upper

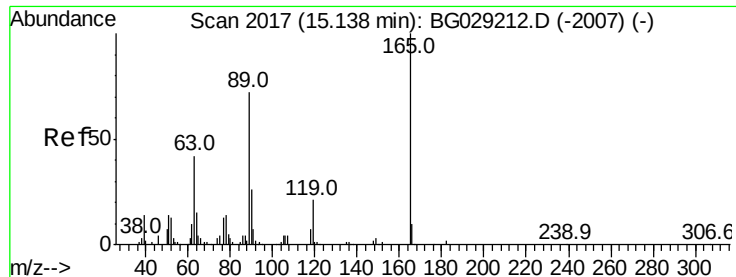
168 100

139 35.7 31.4 47.2



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





#54

2,4-Dinitrotoluene

Concen: 23.380 ng/ul

RT: 15.13 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

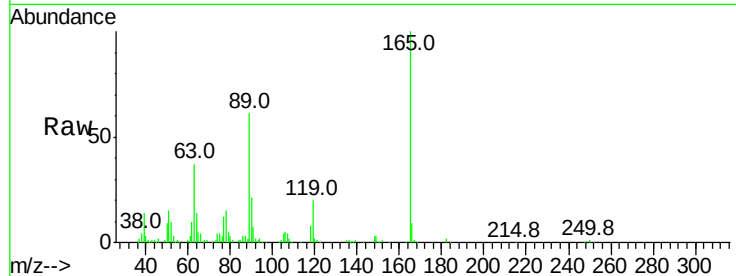
Tot Ion:165 Resp: 104941

Ion Ratio Lower Upper

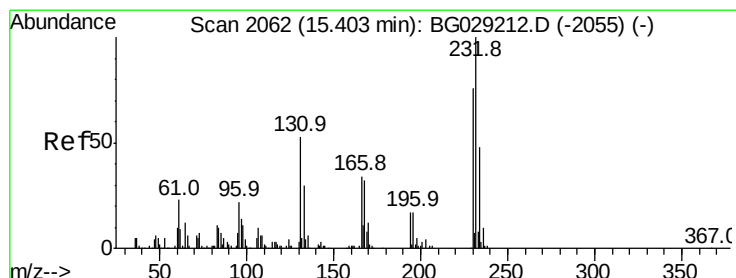
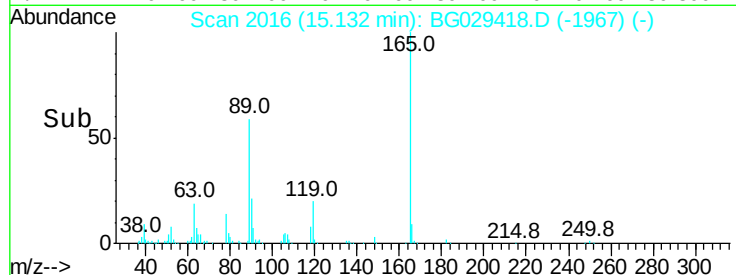
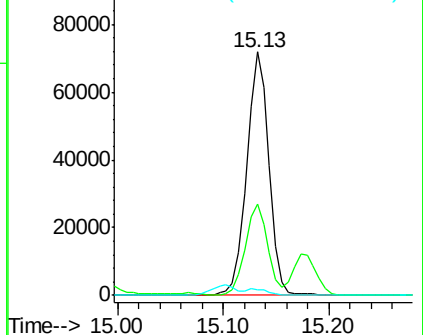
165 100

63 37.3 38.2 57.4#

182 2.1 2.3 3.5#



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



#55

2,3,4,6-Tetrachlorophenol

Concen: 24.575 ng/ul

RT: 15.40 min Scan# 2062

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Tgt Ion:232 Resp: 98594

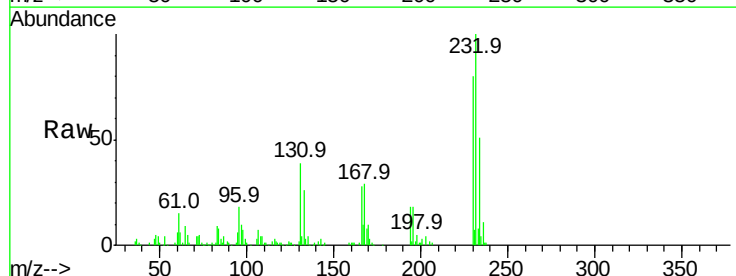
Ion Ratio Lower Upper

232 100

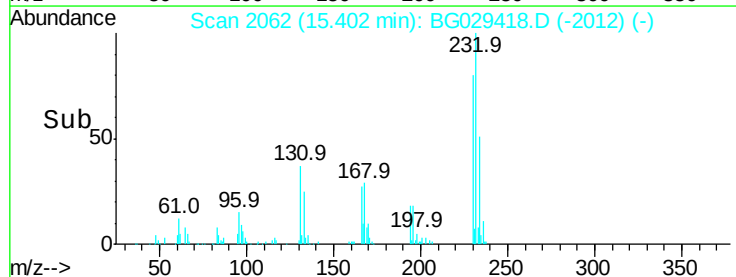
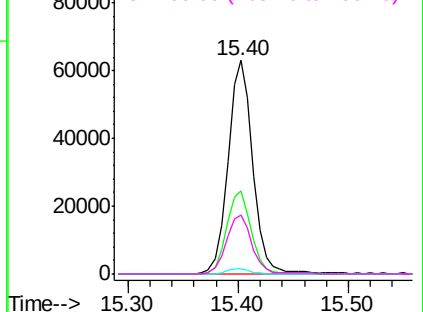
131 39.0 33.8 50.8

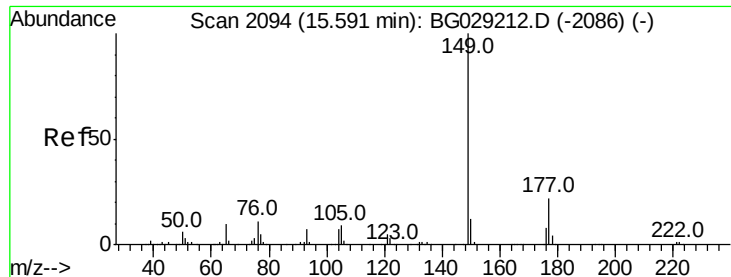
130 2.4 1.5 2.3#

166 27.5 27.1 40.7



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





#56

Diethylphthalate

Concen: 19.805 ng/ul

RT: 15.58 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

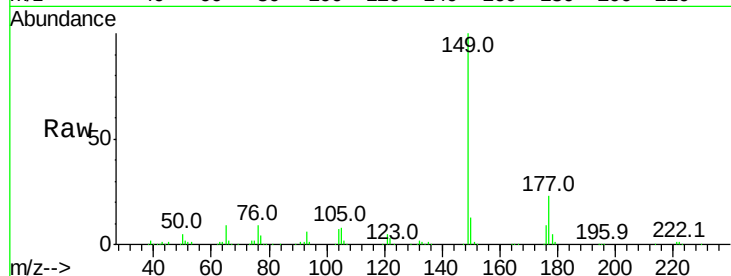
Tot Ion:149 Resp: 358187

Ion Ratio Lower Upper

149 100

177 23.3 17.8 26.6

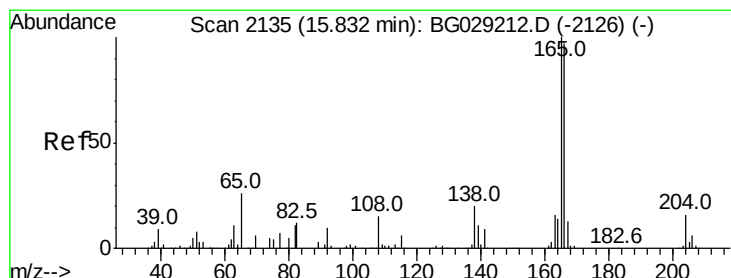
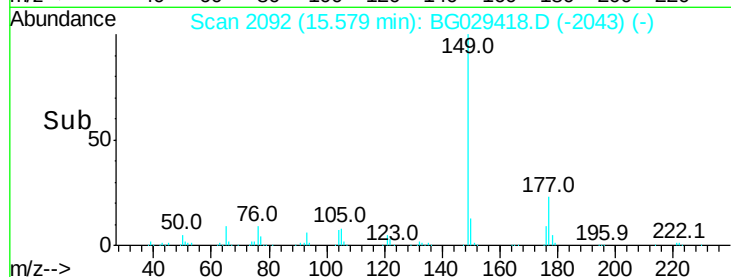
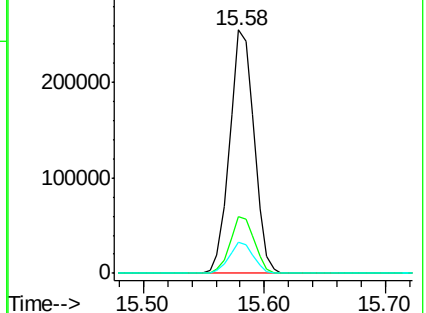
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.064 ng/ul

RT: 15.83 min Scan# 2134

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

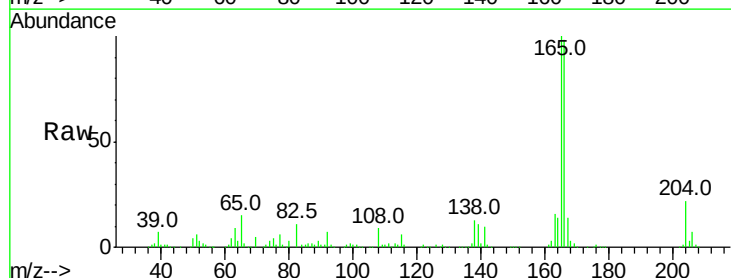
Tgt Ion:166 Resp: 334207

Ion Ratio Lower Upper

166 100

165 102.5 79.9 119.9

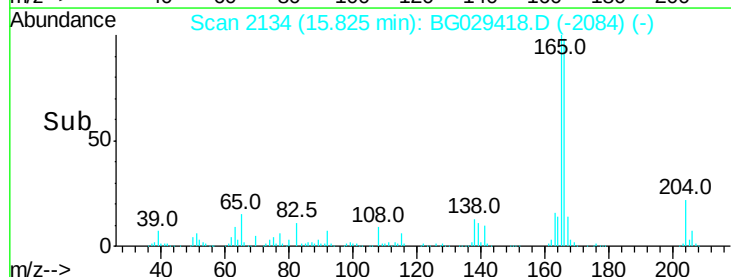
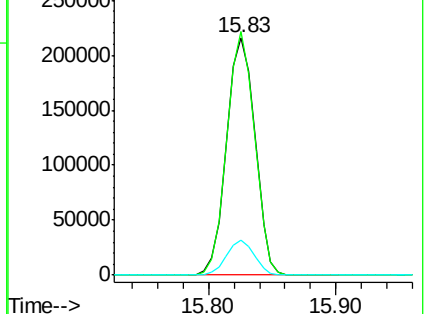
167 14.7 10.6 16.0

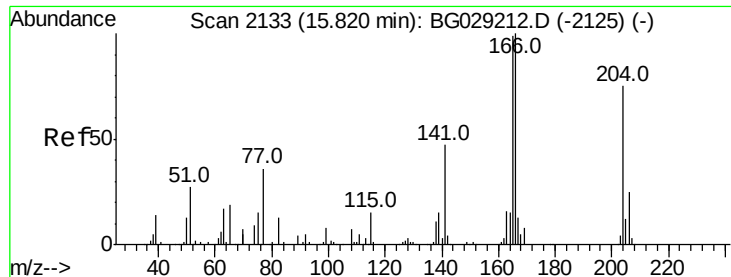


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

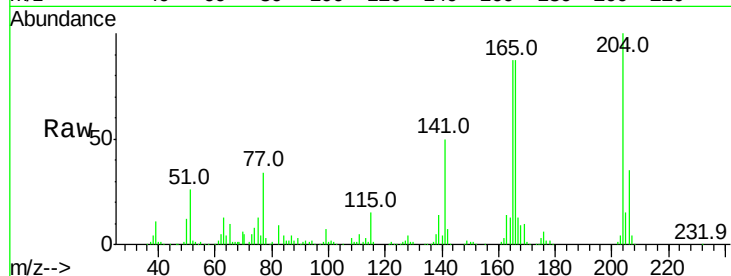




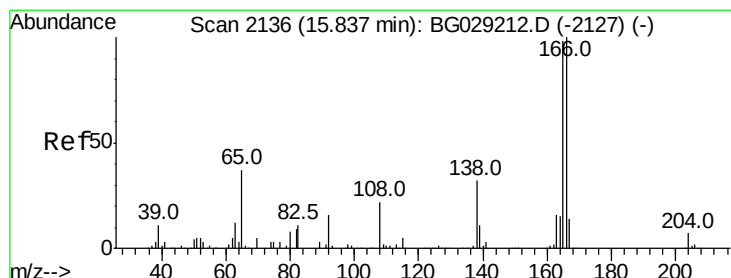
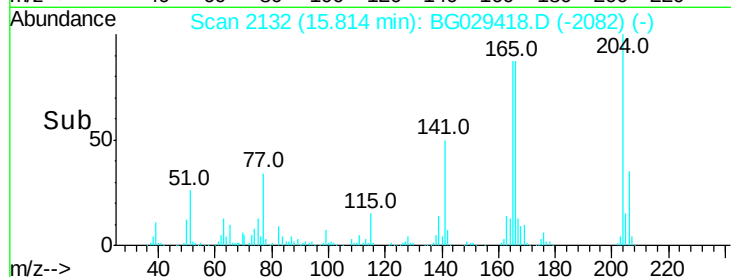
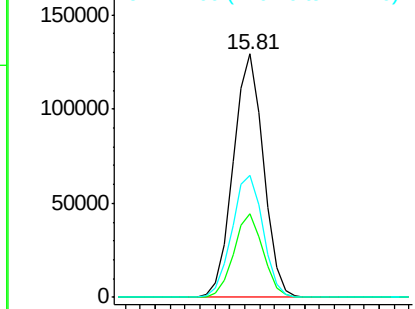
#59
4-Chlorophenyl-phenylether
Concen: 23.253 ng/ul
RT: 15.81 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 182235
Ion Ratio Lower Upper
204 100
206 34.5 29.8 44.8
141 50.2 49.2 73.8

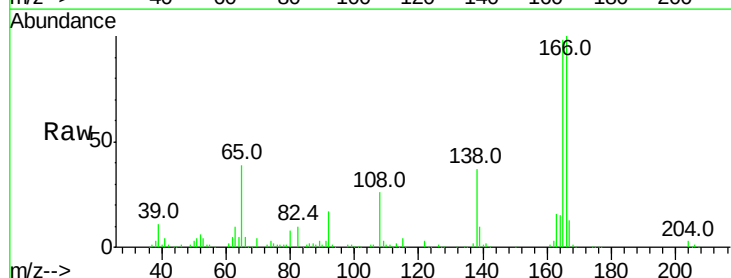


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

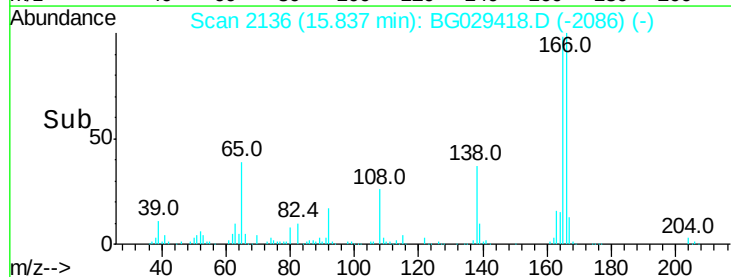
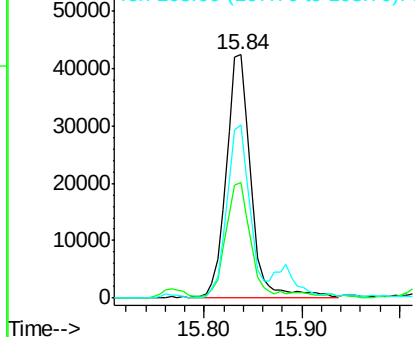


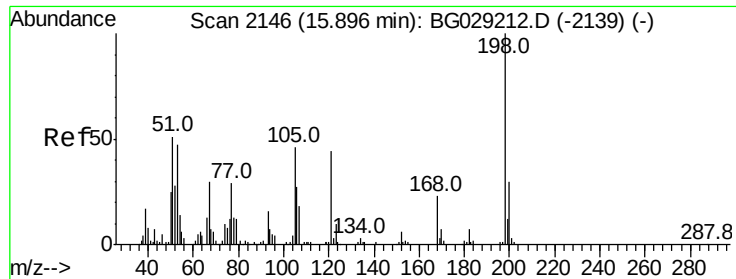
#60
4-Nitroaniline
Concen: 18.250 ng/ul
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion:138 Resp: 74626
Ion Ratio Lower Upper
138 100
92 47.6 44.2 66.2
108 71.1 63.7 95.5



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





#63

4,6-Dinitro-2-methylphenol

Concen: 13.842 ng/ul

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampled :

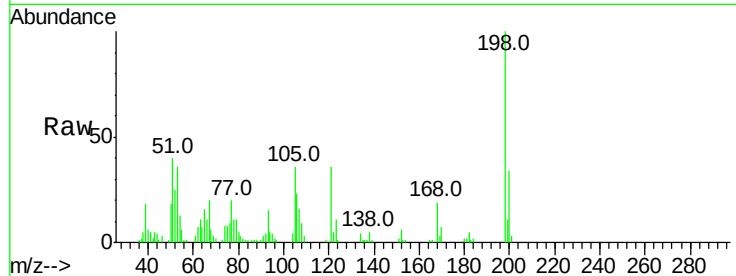
Tot Ion:198 Resp: 38098

Ion Ratio Lower Upper

198 100

182 4.5 4.6 5.0#

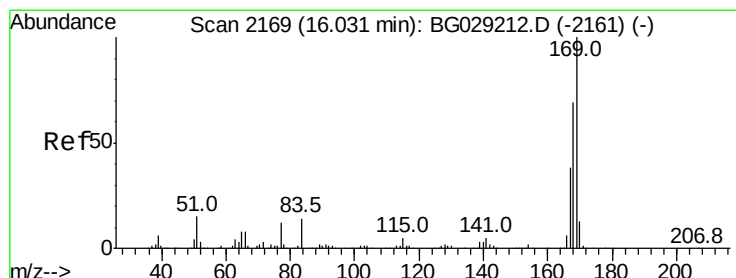
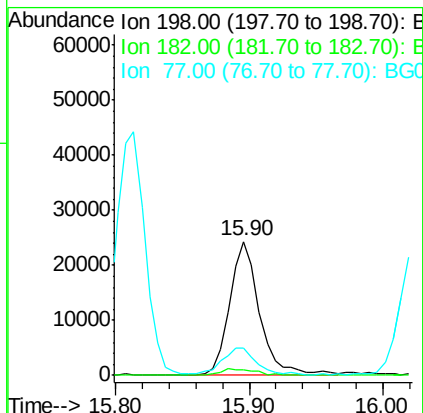
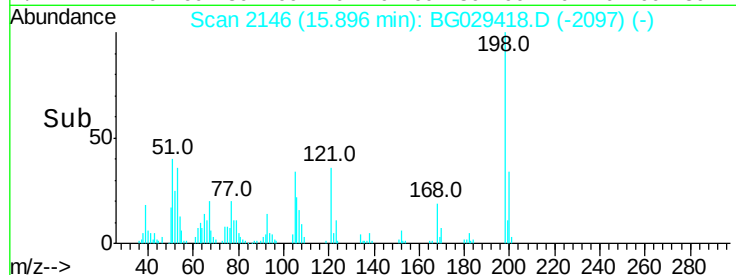
77 20.2 25.9 39.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BGC



#64

N-Nitrosodiphenylamine

Concen: 19.117 ng/ul

RT: 16.03 min Scan# 2168

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

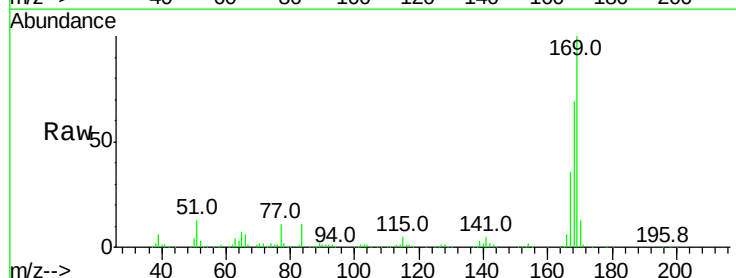
Tgt Ion:169 Resp: 304280

Ion Ratio Lower Upper

169 100

168 68.7 54.1 81.1

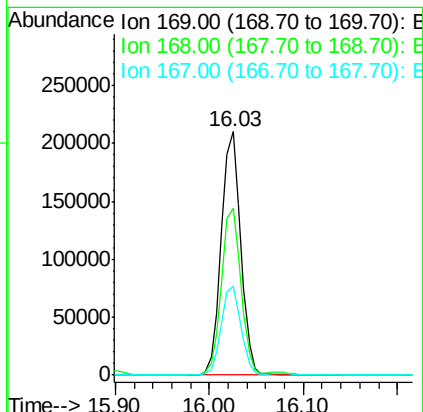
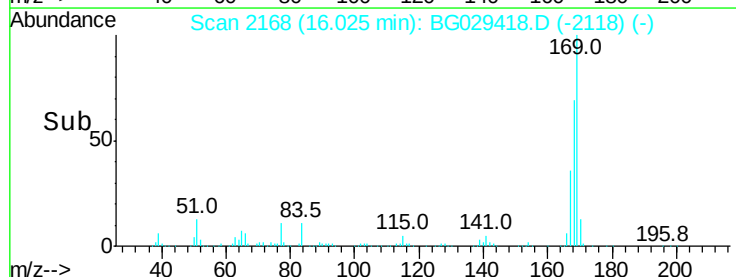
167 36.2 30.0 45.0

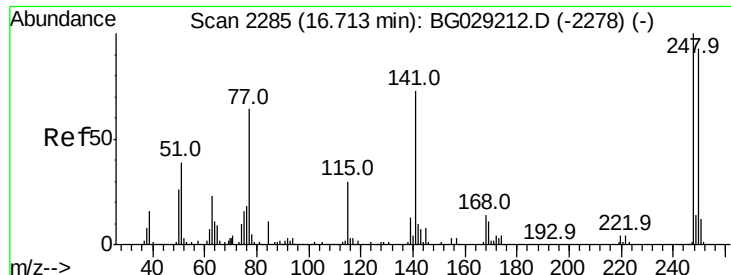


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

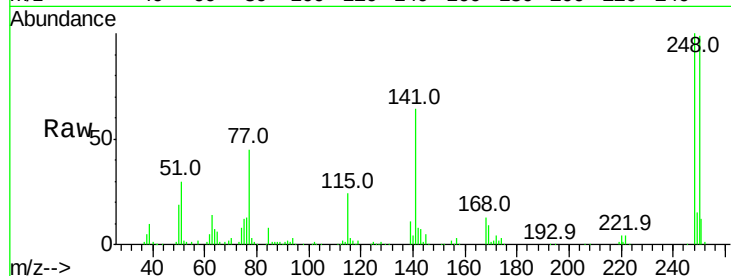




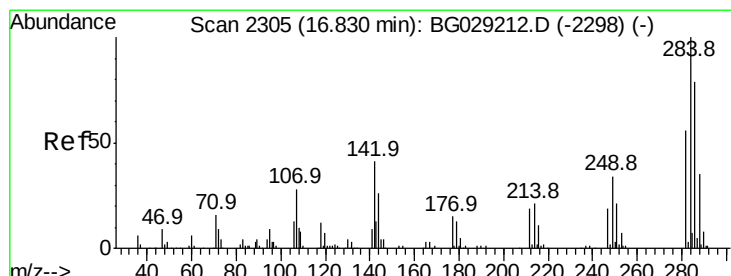
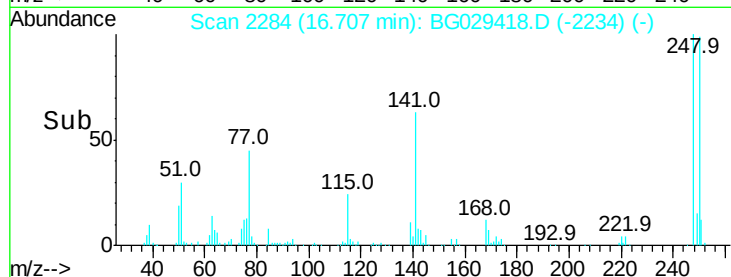
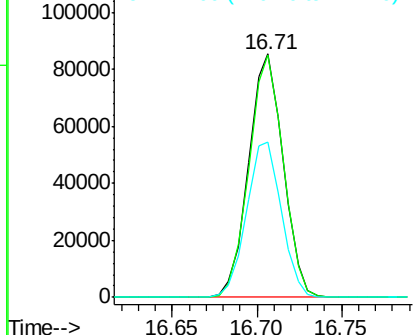
#65
4-Bromophenyl-phenylether
Concen: 22.590 ng/ul
RT: 16.71 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 121619
Ion Ratio Lower Upper
248 100
250 99.3 76.9 115.3
141 63.8 62.1 93.1

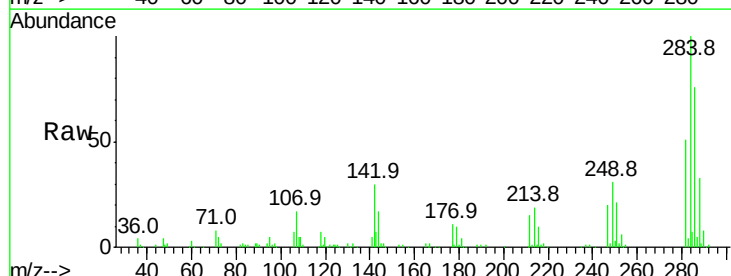


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

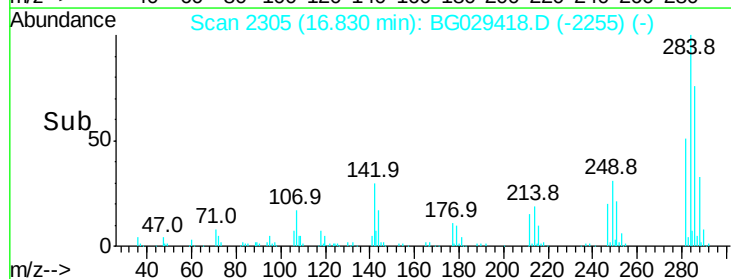
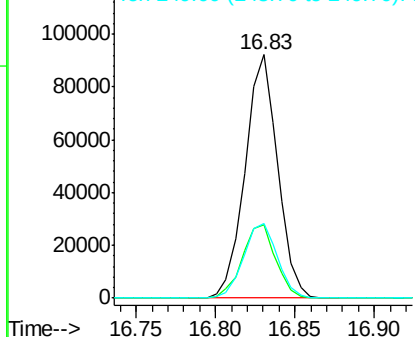


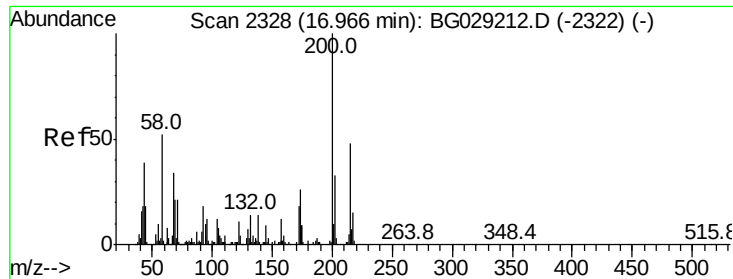
#66
Hexachlorobenzene
Concen: 23.808 ng/ul
RT: 16.83 min Scan# 2305
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion:284 Resp: 131139
Ion Ratio Lower Upper
284 100
142 29.9 27.5 41.3
249 30.8 28.2 42.2



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

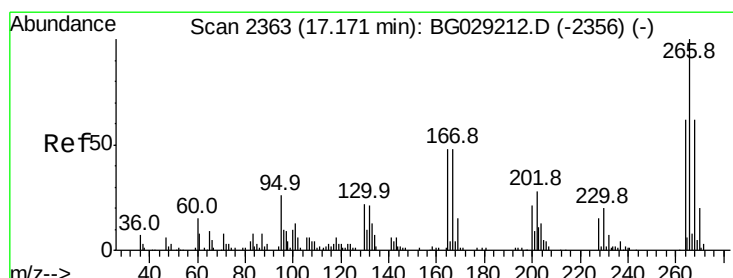
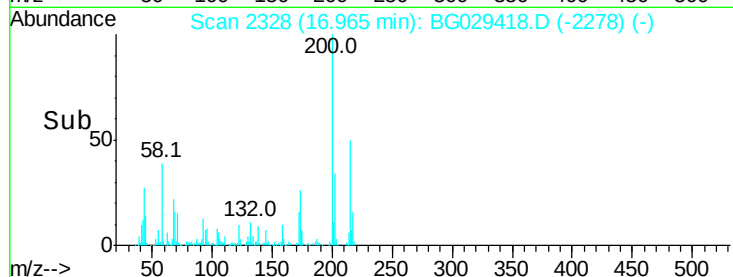
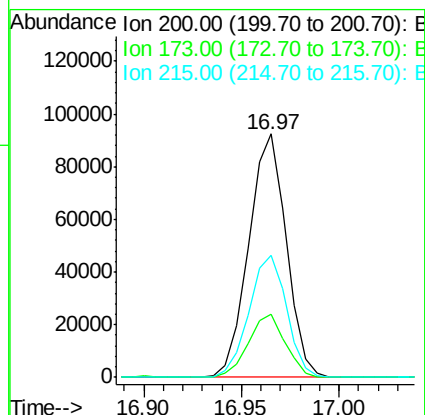
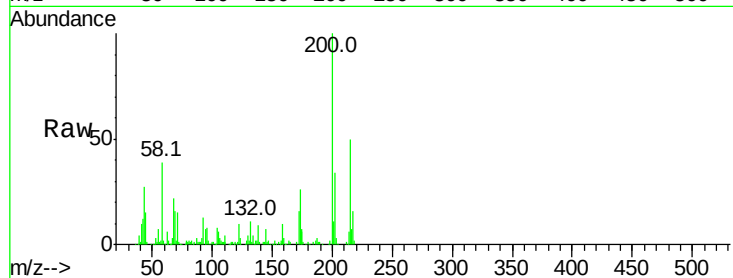




#67
 Atrazine
 Concen: 20.368 ng/ul
 RT: 16.97 min Scan# 2328
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

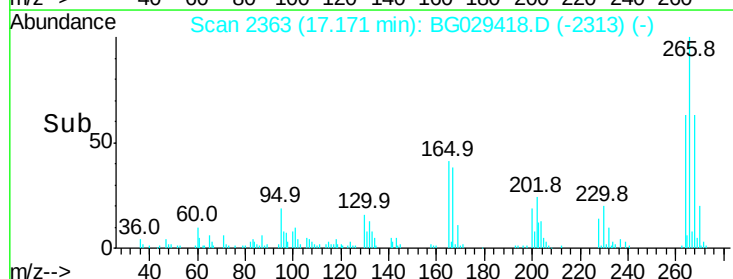
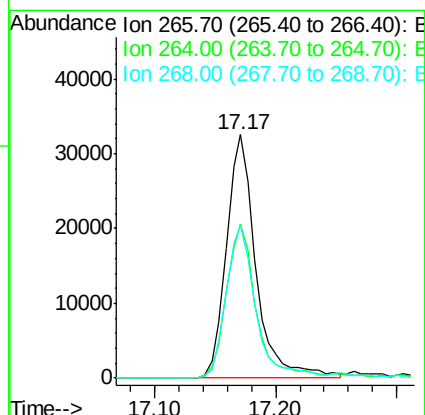
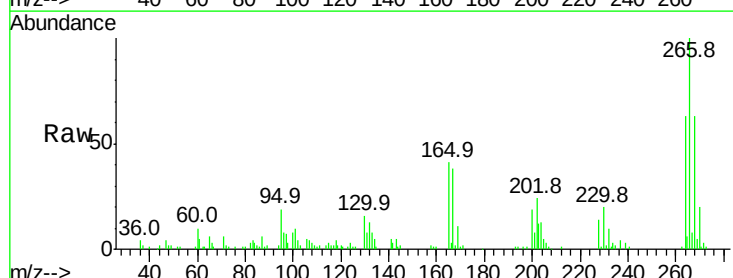
Instrument :
 BNA_G
 ClientSampleId :

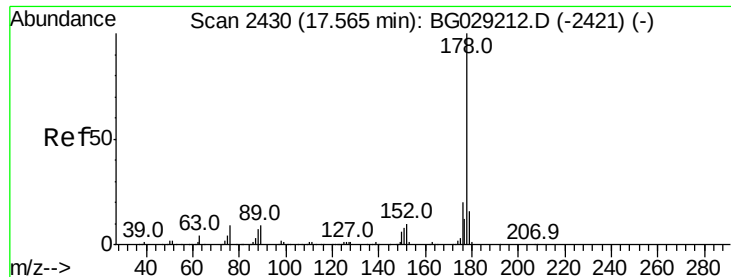
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.9	21.8	32.6
215	50.3	39.4	59.0



#68
 Pentachlorophenol
 Concen: 16.796 ng/ul
 RT: 17.17 min Scan# 2363
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.2	54.4	81.6
268	62.9	53.4	80.2





#69

Phenanthrene

Concen: 19.551 ng/ul

RT: 17.56 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

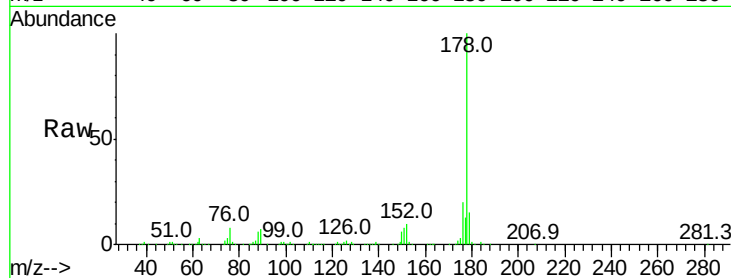
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 564000

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.6
176	19.5	15.3	22.9

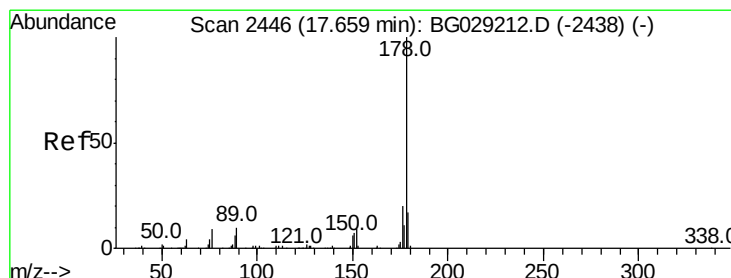
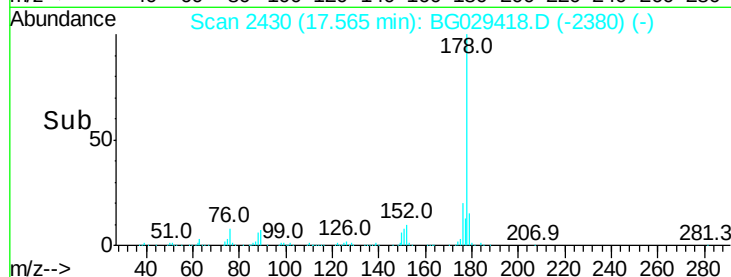
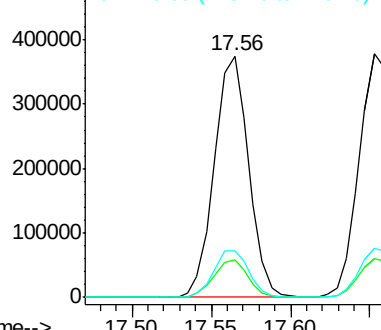


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.535 ng/ul

RT: 17.65 min Scan# 2446

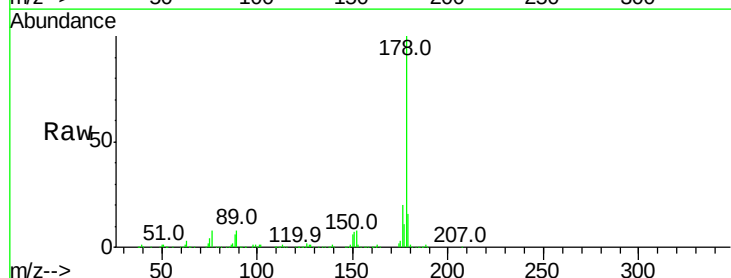
Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Tgt Ion:178 Resp: 581431

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.2	19.8
176	20.4	16.0	24.0

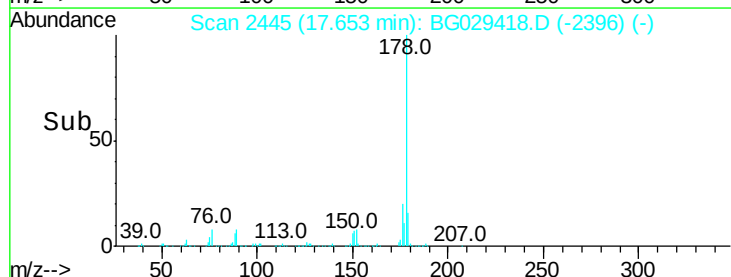
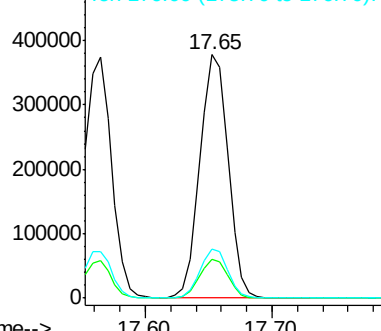


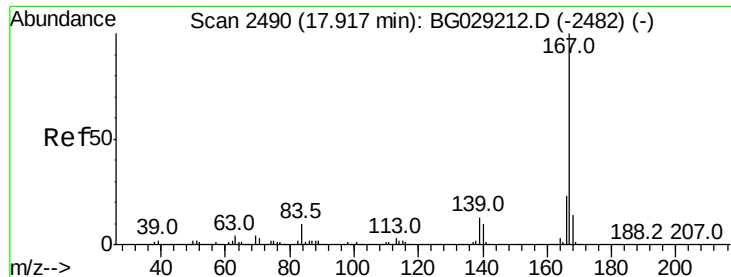
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.726 ng/ul

RT: 17.92 min Scan# 2490

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

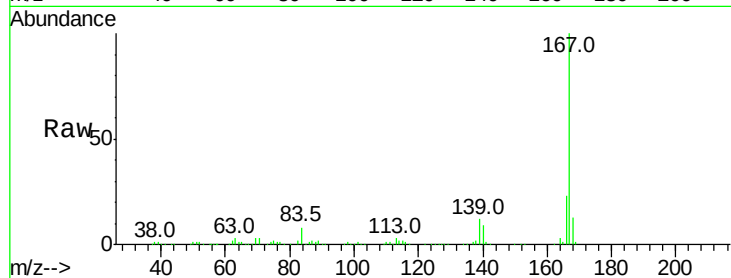
Tot Ion:167 Resp: 527775

Ion Ratio Lower Upper

167 100

166 22.6 18.6 28.0

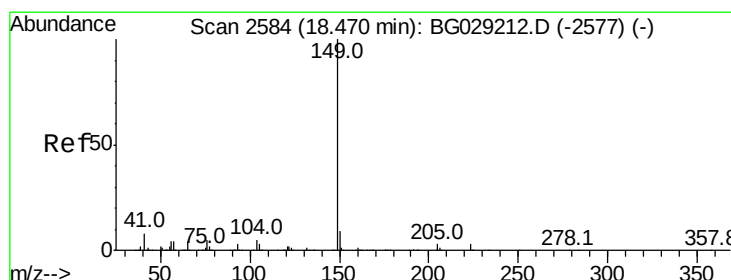
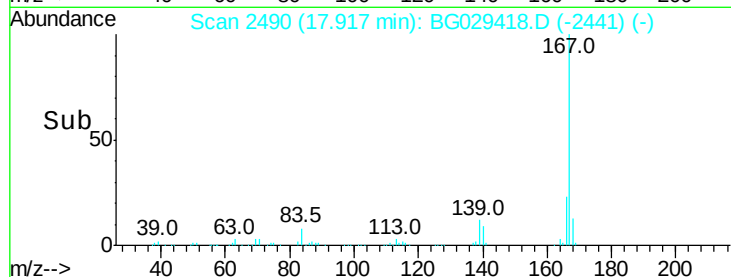
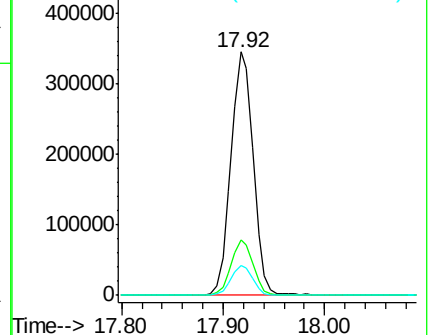
139 12.3 10.6 16.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 19.414 ng/ul

RT: 18.46 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

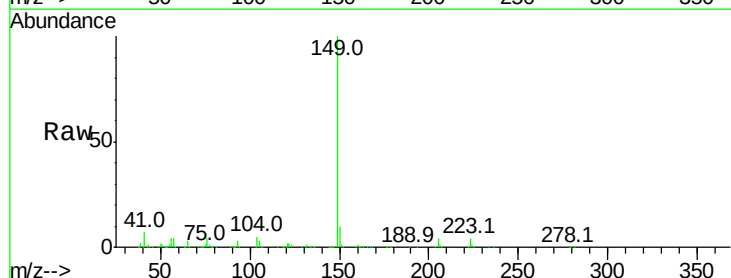
Tgt Ion:149 Resp: 624100

Ion Ratio Lower Upper

149 100

150 9.7 7.5 11.3

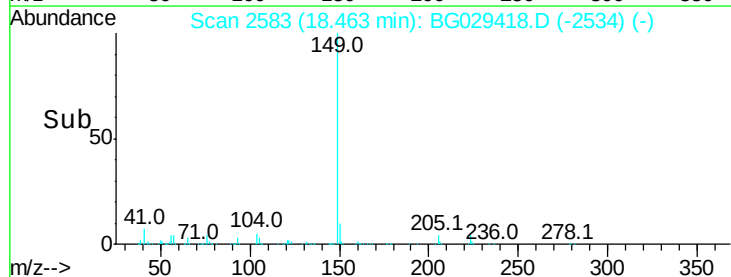
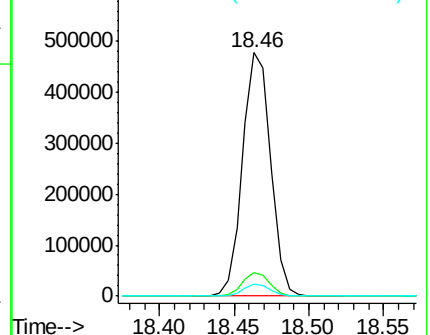
104 4.7 4.6 7.0

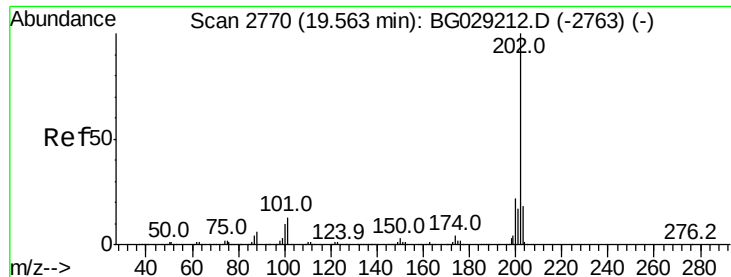


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 22.325 ng/ul

RT: 19.56 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

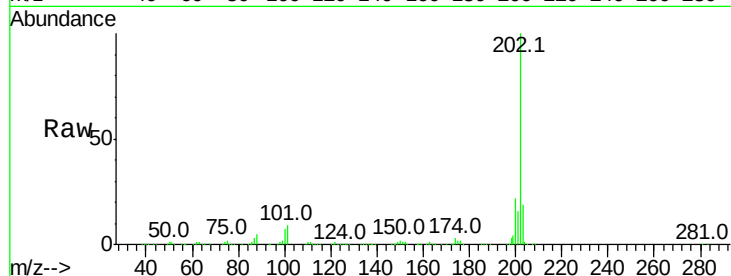
Tot Ion:202 Resp: 719757

Ion Ratio Lower Upper

202 100

101 9.4 7.4 11.2

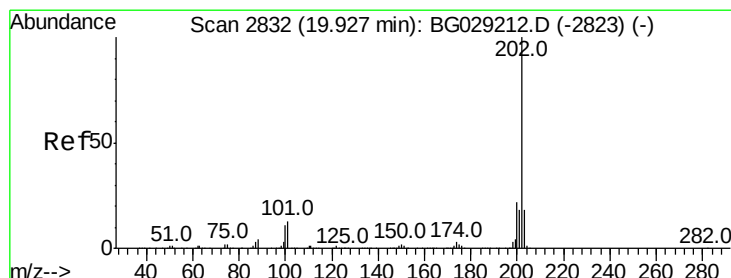
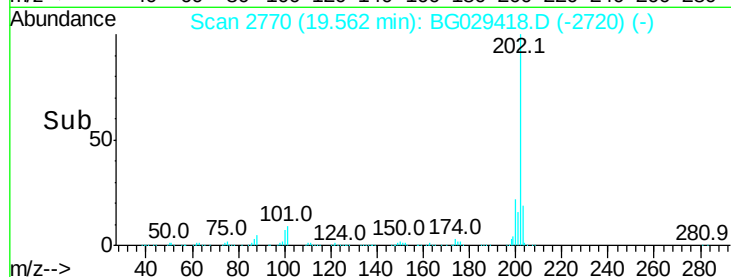
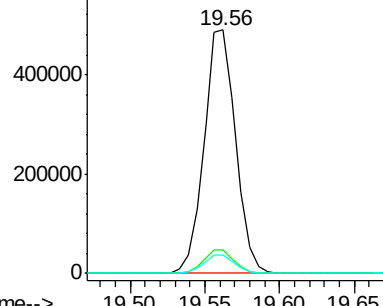
100 7.4 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 18.314 ng/ul

RT: 19.92 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

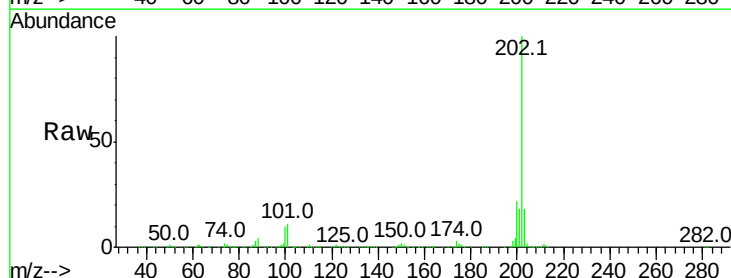
Tgt Ion:202 Resp: 735939

Ion Ratio Lower Upper

202 100

101 11.2 8.4 12.6

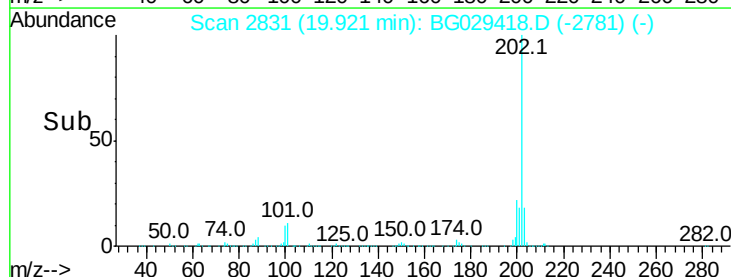
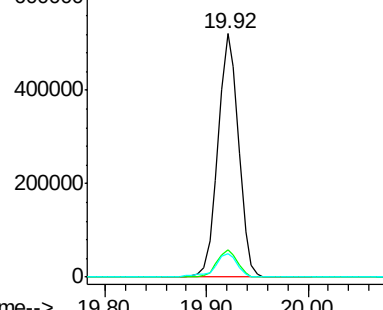
100 9.6 7.0 10.6

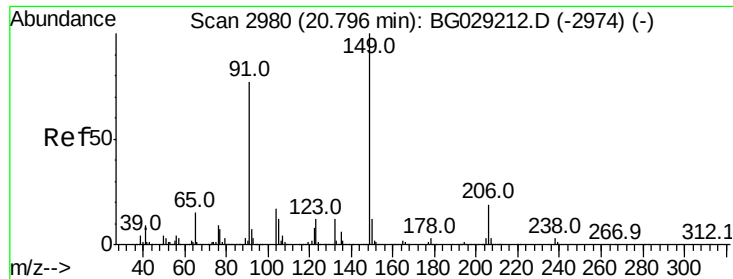


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

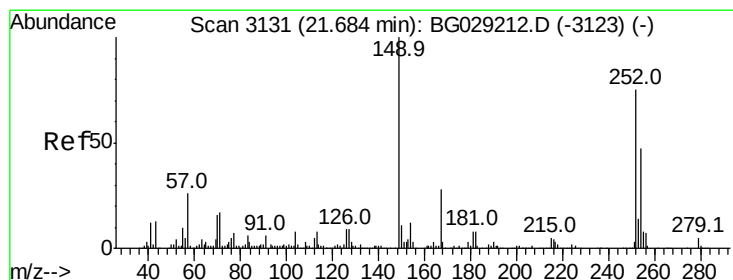
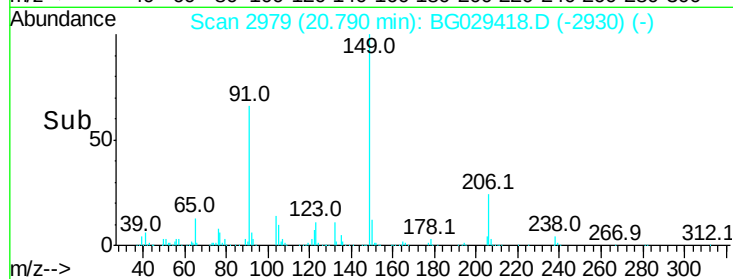
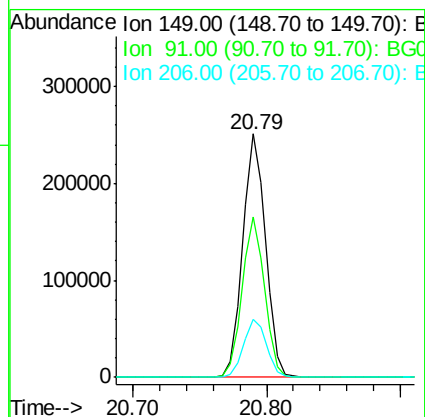
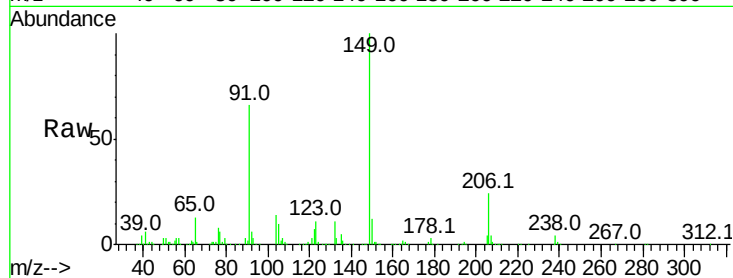




#78
 Butylbenzylphthalate
 Concen: 18.157 ng/ul
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

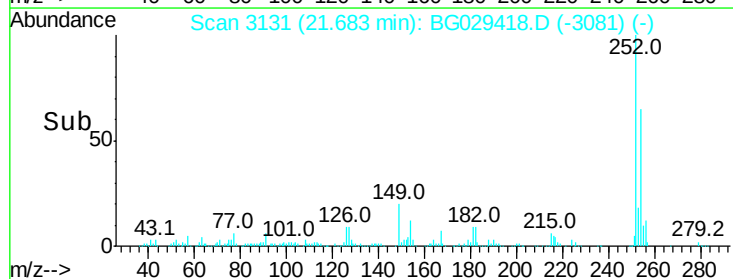
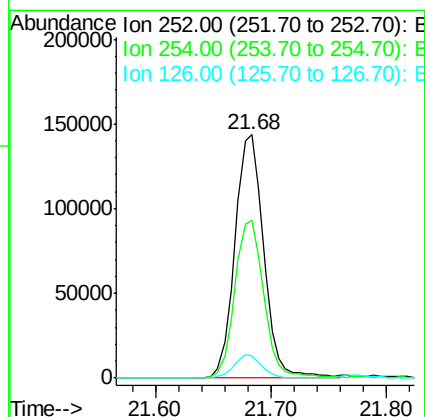
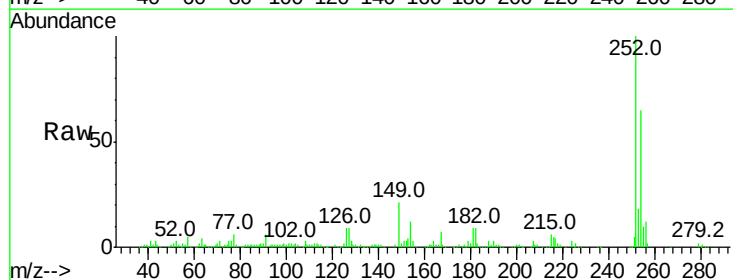
Instrument :
 BNA_G
 ClientSampleId :

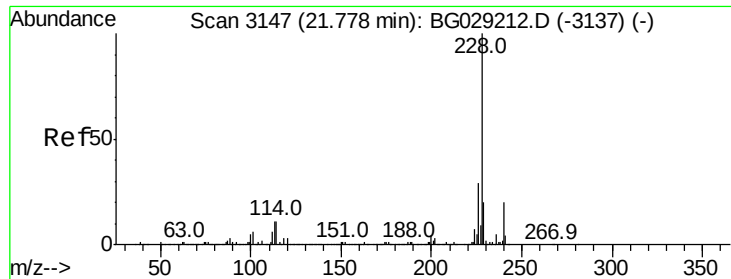
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.7	61.3	91.9
206	23.9	19.5	29.3



#79
 3,3'-Dichlorobenzidine
 Concen: 22.648 ng/ul
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BG029418.D
 Acq: 24 Oct 2017 9:38

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.4	77.2
126	9.1	9.3	13.9

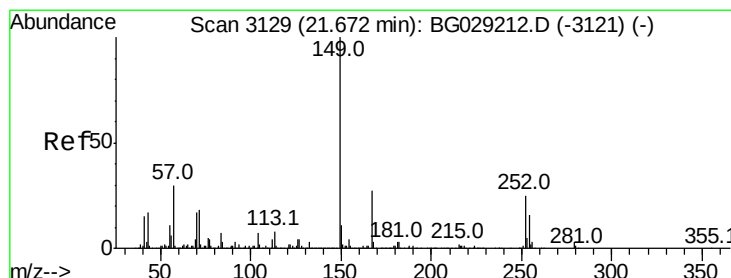
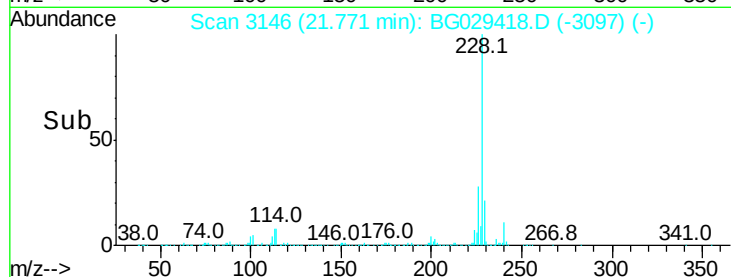
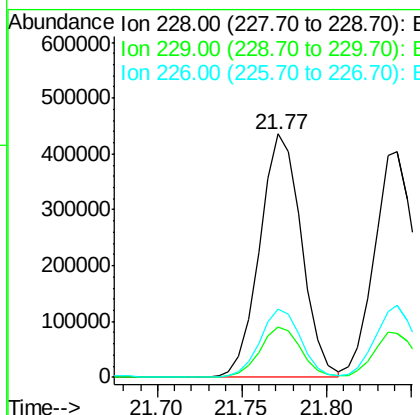
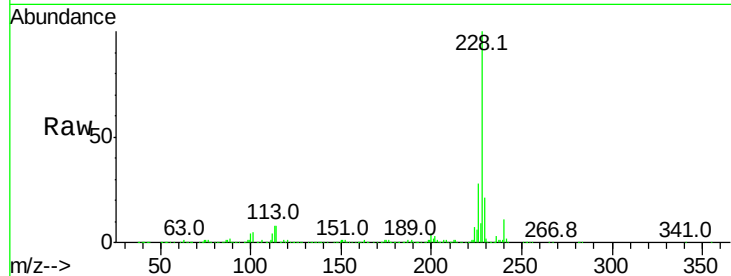




#80
Benzo(a)anthracene
Concen: 19.894 ng/ul
RT: 21.77 min Scan# 3146
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

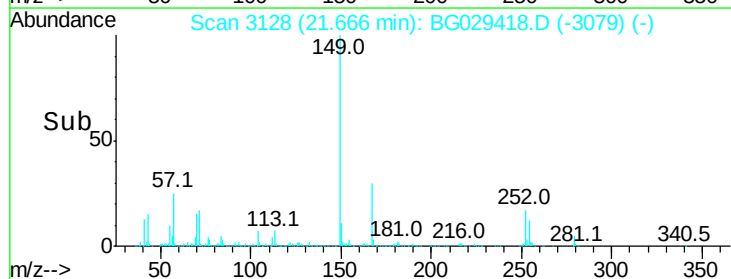
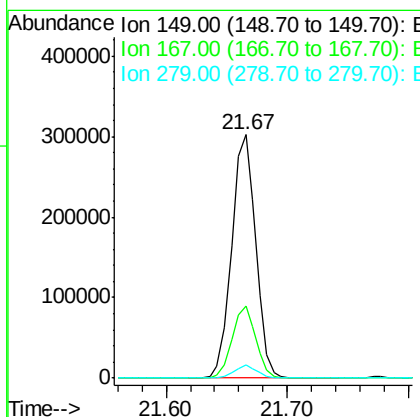
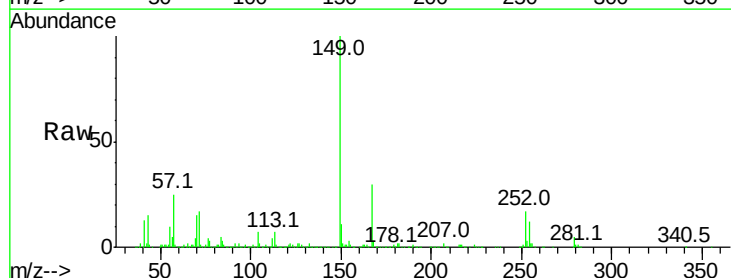
Instrument :
BNA_G
ClientSampled :

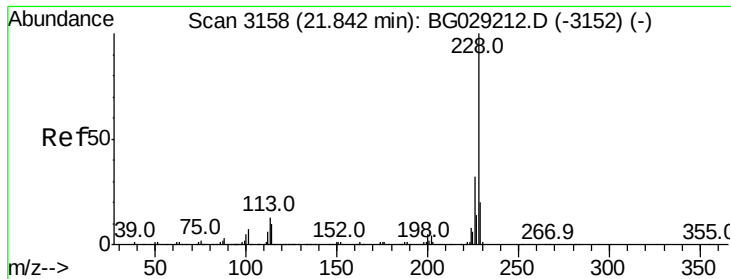
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.4
226	27.9	22.2	33.2



#81
Bis(2-ethylhexyl)phthalate
Concen: 17.780 ng/ul
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG029418.D
Acq: 24 Oct 2017 9:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.2	34.8
279	5.2	3.1	4.7#





#82

Chrysene

Concen: 20.082 ng/ul

RT: 21.84 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampled :

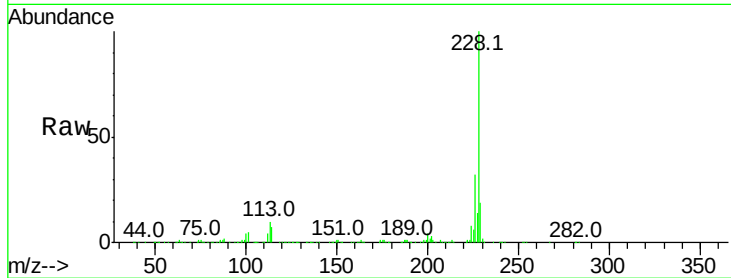
Tot Ion:228 Resp: 685654

Ion Ratio Lower Upper

228 100

226 32.2 24.2 36.2

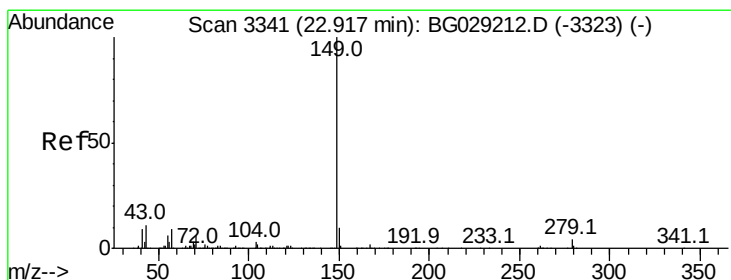
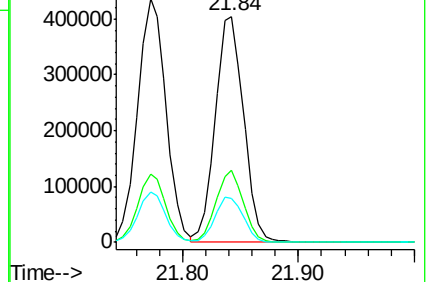
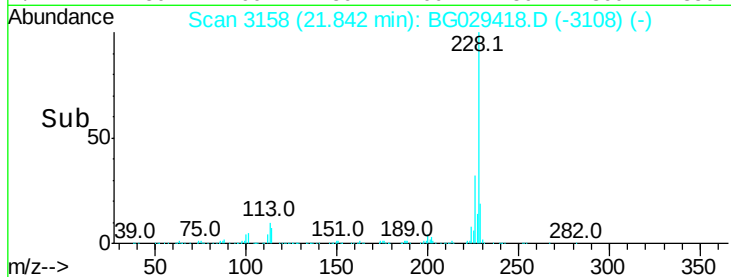
229 19.4 15.2 22.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 17.265 ng/ul

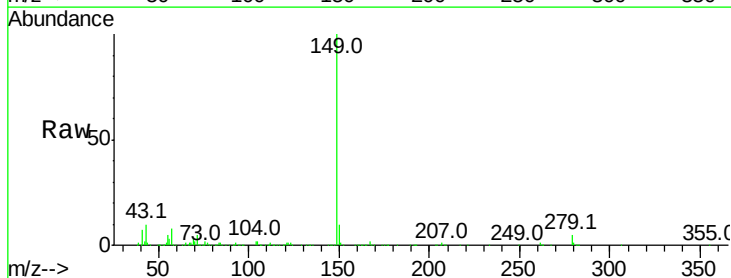
RT: 22.91 min Scan# 3339

Delta R.T. -0.02 min

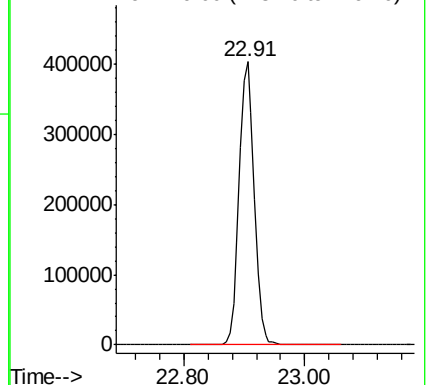
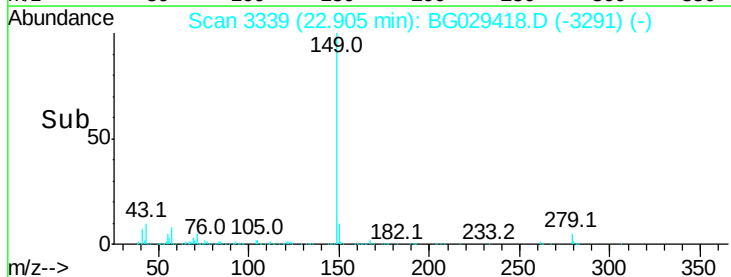
Lab File: BG029418.D

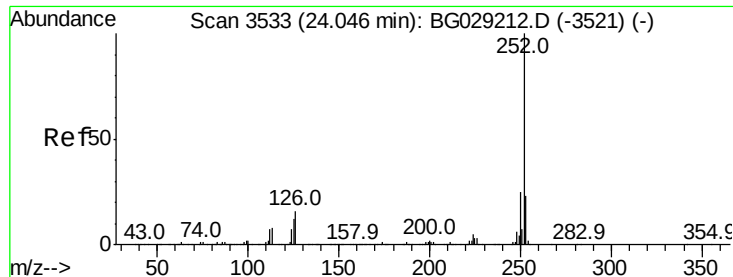
Acq: 24 Oct 2017 9:38

Tgt Ion:149 Resp: 707471



Abundance Ion 149.00 (148.70 to 149.70): E





#85

Benzo(b)fluoranthene

Concen: 20.196 ng/ul

RT: 24.05 min Scan# 3533

Delta R.T. -0.02 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

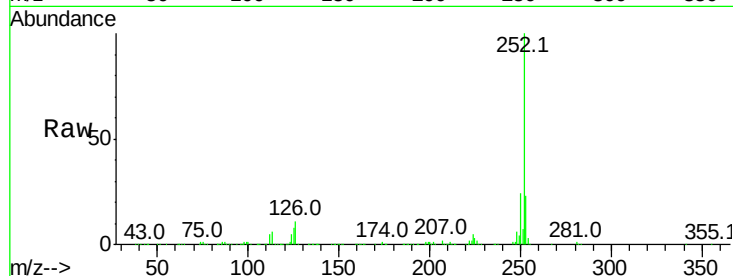
Tot Ion:252 Resp: 742553

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

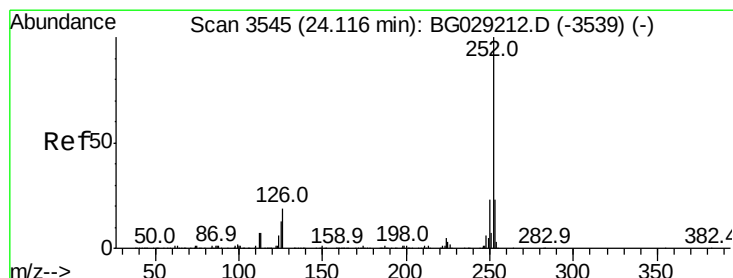
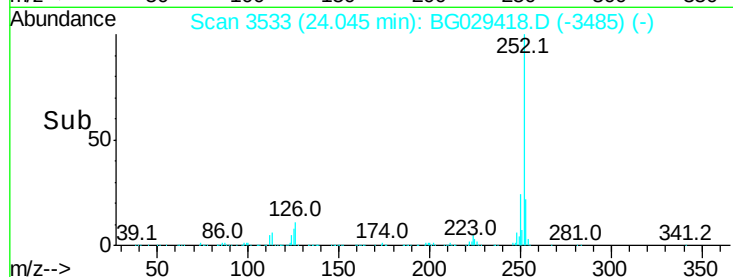
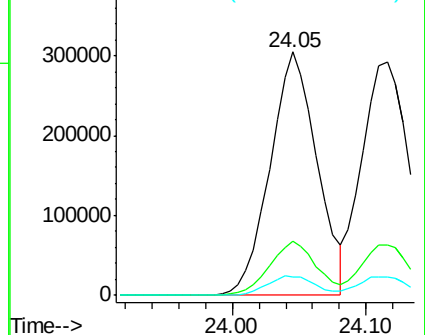
125 7.8 7.5 11.3



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



#86

Benzo(k)fluoranthene

Concen: 20.374 ng/ul

RT: 24.12 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

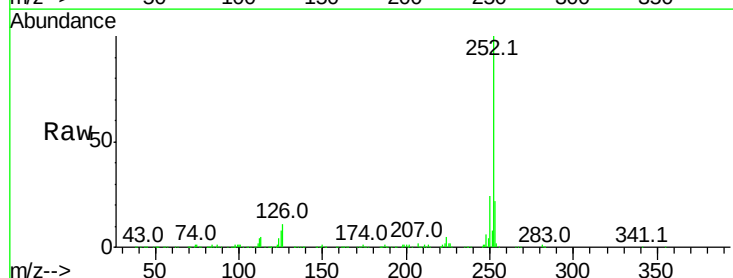
Tgt Ion:252 Resp: 724286

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

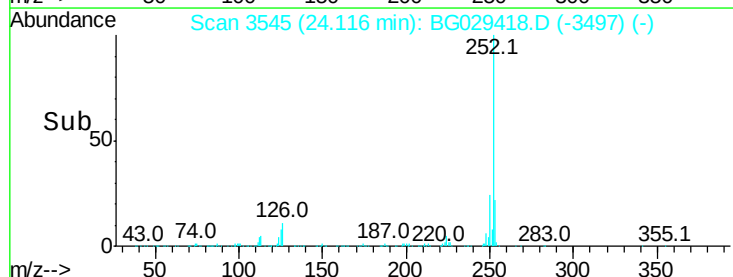
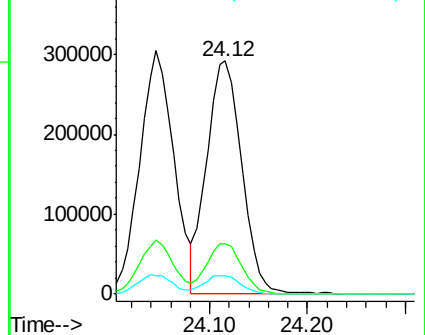
125 7.9 7.8 11.8

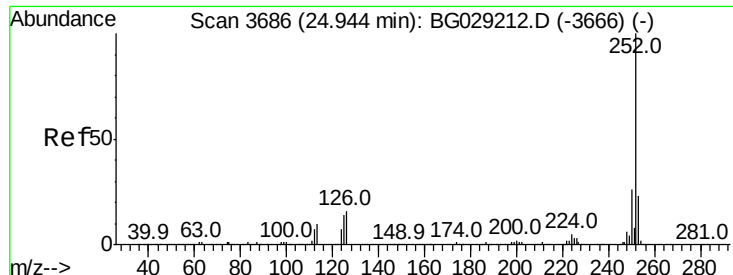


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.025 ng/ul

RT: 24.95 min Scan# 3687

Delta R.T. -0.01 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

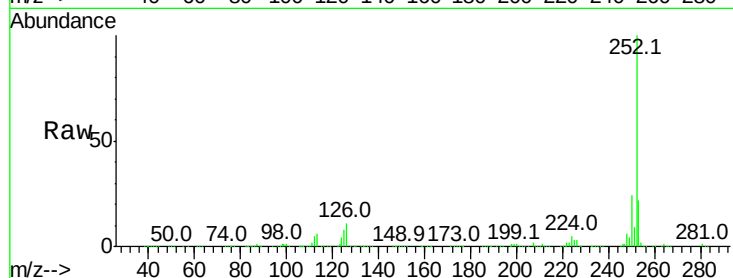
Tot Ion:252 Resp: 716670

Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

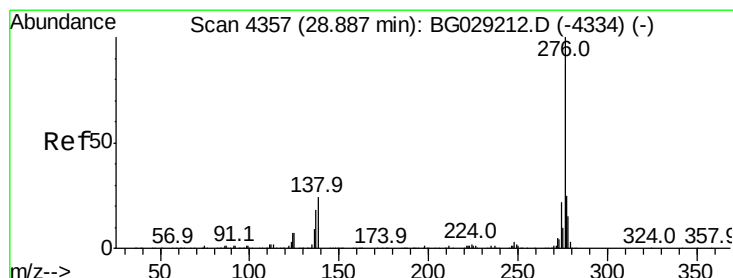
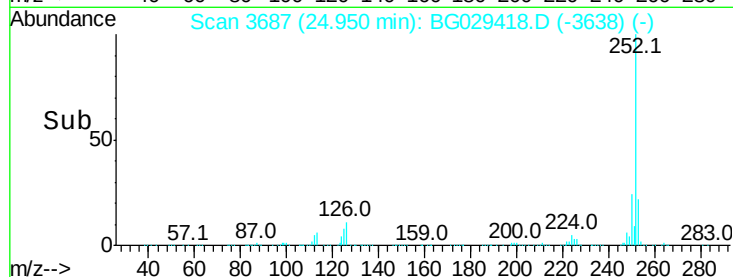
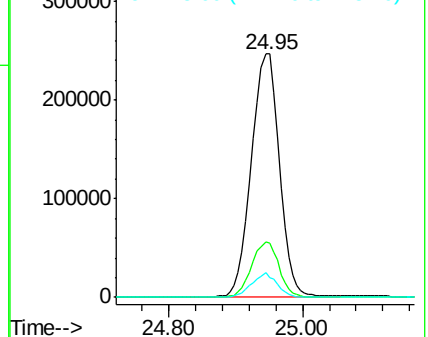
125 8.3 7.8 11.8



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

Indeno(1,2,3-cd)pyrene

Concen: 20.604 ng/ul

RT: 28.88 min Scan# 4356

Delta R.T. -0.03 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

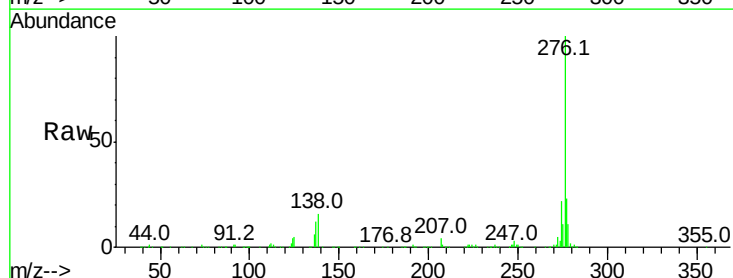
Tgt Ion:276 Resp: 834281

Ion Ratio Lower Upper

276 100

138 15.8 13.4 20.0

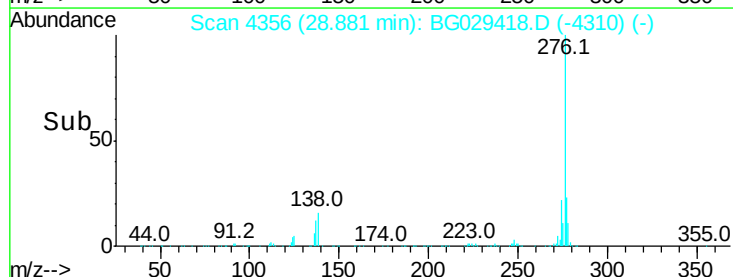
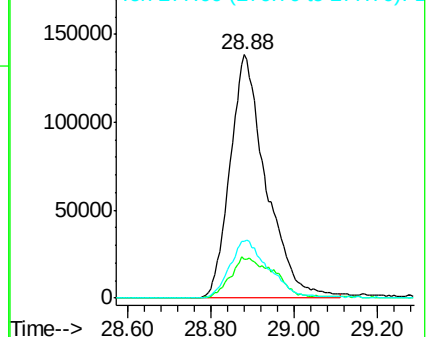
277 23.1 18.6 28.0

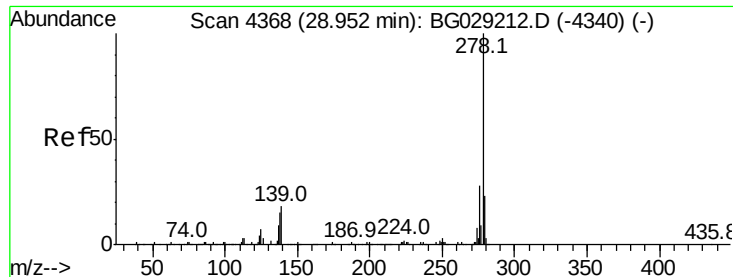


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 20.525 ng/ul

RT: 28.95 min Scan# 4367

Delta R.T. -0.04 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

Instrument :

BNA_G

ClientSampleId :

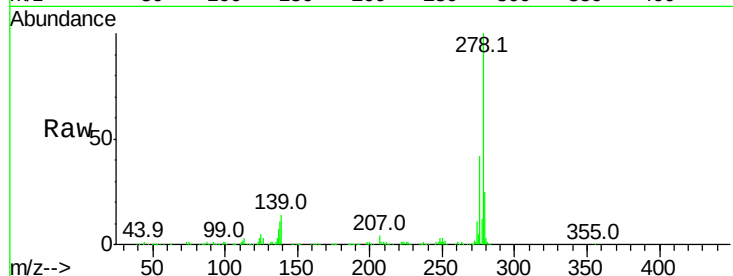
Tot Ion:278 Resp: 690425

Ion Ratio Lower Upper

278 100

139 14.0 9.4 14.2

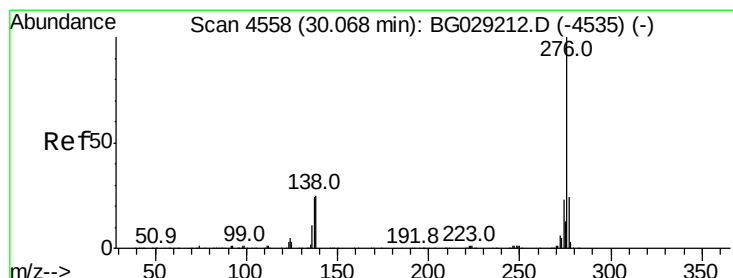
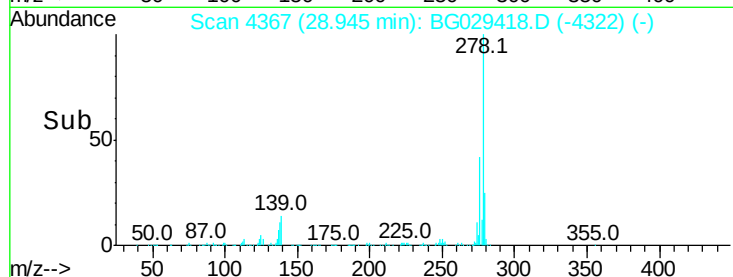
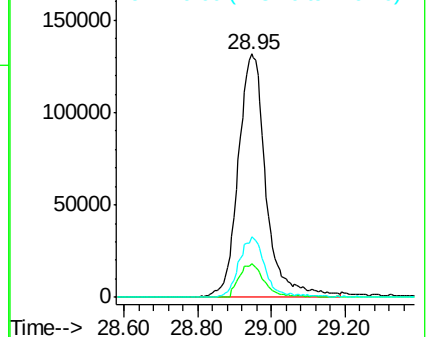
279 25.1 18.4 27.6



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(g,h,i)perylene

Concen: 20.686 ng/ul

RT: 30.07 min Scan# 4558

Delta R.T. -0.03 min

Lab File: BG029418.D

Acq: 24 Oct 2017 9:38

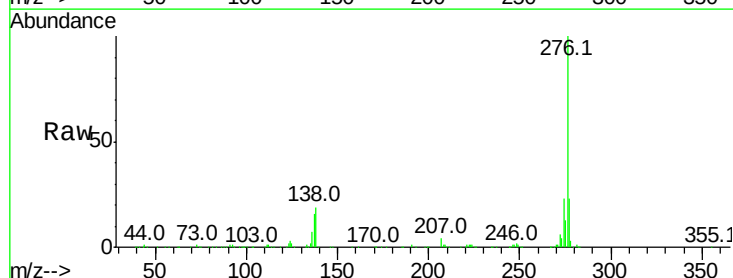
Tgt Ion:276 Resp: 694293

Ion Ratio Lower Upper

276 100

138 19.2 12.1 18.1#

277 23.4 17.7 26.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

