

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029397.D
 Acq On : 21 Oct 2017 18:42
 Operator : SJ/JU
 Sample : I6037-17MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:39:46 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	54222	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	248816	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	173135	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	436362	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	476855	20.00	ng	-0.01
86) Perylene-d12	25.10	264	498747	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.72	112	239249	73.71	ng	0.00
7) Phenol-d6	7.31	99	207604	45.57	ng	-0.01
23) Nitrobenzene-d5	9.33	82	368615	94.14	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	357362	159.87	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1010393	85.59	ng	0.00
78) Terphenyl-d14	20.11	244	1732495	82.65	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	24276	18.434	ng	89
3) Pyridine	3.98	79	50387	13.139	ng	92
4) n-Nitrosodimethylamine	3.89	42	34770	19.396	ng	# 94
6) Aniline	7.48	93	63985	11.342	ng	99
8) 2-Chlorophenol	7.73	128	140668	37.810	ng	94
9) Benzaldehyde	7.29	77	133078	58.074	ng	93
10) Phenol	7.34	94	73945	15.055	ng	89
11) bis(2-Chloroethyl)ether	7.57	93	154935	43.295	ng	91
12) 1,3-Dichlorobenzene	8.05	146	162213	38.836	ng	96
13) 1,4-Dichlorobenzene	8.20	146	163190	38.267	ng	95
14) 1,2-Dichlorobenzene	8.52	146	157786	38.360	ng	98
15) Benzyl Alcohol	8.40	79	94427	29.411	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.68	45	254994	41.958	ng	96
17) 2-Methylphenol	8.60	107	104885	32.146	ng	97
18) Hexachloroethane	9.26	117	54899	37.776	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	131734	42.525	ng	# 94
20) 3+4-Methylphenols	8.93	107	134320	29.216	ng	94
22) Acetophenone	8.98	105	245826	40.996	ng	# 95
24) Nitrobenzene	9.37	77	186354	42.330	ng	94
25) Isophorone	9.89	82	372038	45.515	ng	# 94
26) 2-Nitrophenol	10.09	139	94565	44.943	ng	90
27) 2,4-Dimethylphenol	10.14	122	155523	40.853	ng	93
28) bis(2-Chloroethoxy)methane	10.38	93	222467	44.385	ng	93
29) 2,4-Dichlorophenol	10.62	162	180346	44.425	ng	94
30) 1,2,4-Trichlorobenzene	10.84	180	180985	41.266	ng	94
31) Naphthalene	11.03	128	507979	40.964	ng	99
32) Benzoic acid	10.23	122	42829	13.436	ng	# 84
33) 4-Chloroaniline	11.13	127	59409	11.389	ng	96
34) Hexachlorobutadiene	11.32	225	111027	40.716	ng	98
35) Caprolactam	11.90	113	11189	8.293	ng	# 89
36) 4-Chloro-3-methylphenol	12.24	107	186983	41.879	ng	89
37) 2-Methylnaphthalene	12.63	142	407564	45.096	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	225040	35.601	ng	98
40) Hexachlorocyclopentadiene	12.97	237	256053	105.361	ng	92

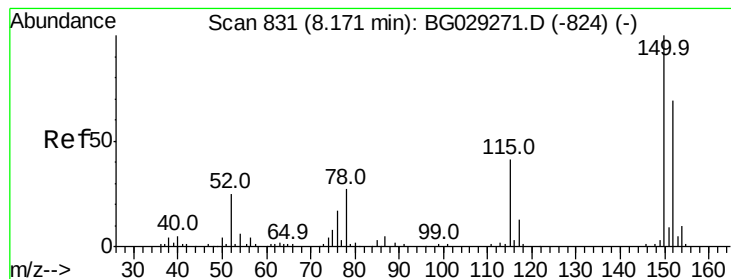
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	165365	41.673	ng	98
43) 2,4,5-Trichlorophenol	13.30	196	184643	45.309	ng	95
45) 1,1'-Biphenyl	13.62	154	557939	37.492	ng	97
46) 2-Chloronaphthalene	13.67	162	432552	39.849	ng	97
47) 2-Nitroaniline	13.86	65	140833	47.236	ng	# 87
48) Acenaphthylene	14.51	152	705422	41.524	ng	99
49) Dimethylphthalate	14.23	163	613946	45.449	ng	99
50) 2,6-Dinitrotoluene	14.35	165	137493	48.553	ng	# 80
51) Acenaphthene	14.85	154	452446	40.934	ng	99
52) 3-Nitroaniline	14.68	138	37225	12.182	ng	# 75
53) 2,4-Dinitrophenol	14.89	184	153339	96.814	ng	# 54
54) Dibenzofuran	15.18	168	712508	45.155	ng	100
55) 4-Nitrophenol	14.98	139	93496	37.113	ng	# 83
56) 2,4-Dinitrotoluene	15.13	165	197721	51.578	ng	# 78
57) Fluorene	15.83	166	567916	43.568	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	186411	54.827	ng	95
59) Diethylphthalate	15.59	149	628298	46.670	ng	98
60) 4-Chlorophenyl-phenylether	15.81	204	320045	46.050	ng	95
61) 4-Nitroaniline	15.84	138	135652	43.233	ng	88
62) Azobenzene	16.10	77	541079	47.662	ng	98
64) 4,6-Dinitro-2-methylphenol	15.90	198	107045	43.645	ng	85
65) n-Nitrosodiphenylamine	16.03	169	541729	41.443	ng	99
66) 4-Bromophenyl-phenylether	16.70	248	220393	44.015	ng	99
67) Hexachlorobenzene	16.83	284	237748	41.918	ng	95
68) Atrazine	16.97	200	218970	46.948	ng	100
69) Pentachlorophenol	17.17	266	293408	90.053	ng	99
70) Phenanthrene	17.56	178	980798	43.509	ng	99
71) Anthracene	17.66	178	994990	43.957	ng	98
72) Carbazole	17.92	167	931419	42.835	ng	99
73) Di-n-butylphthalate	18.47	149	1099428	43.962	ng	99
74) Fluoranthene	19.56	202	1213873	46.038	ng	97
76) Benzidine	19.73	184	346313	24.053	ng	99
77) Pyrene	19.92	202	1237387	42.776	ng	97
79) Butylbenzylphthalate	20.79	149	522491	42.396	ng	87
80) Benzo(a)anthracene	21.77	228	1238840	44.249	ng	99
81) 3,3'-Dichlorobenzidine	21.68	252	206904	17.905	ng	98
82) Chrysene	21.84	228	1171542	43.694	ng	97
83) Bis(2-ethylhexyl)phthalate	21.66	149	734641	41.536	ng	97
84) Di-n-octyl phthalate	22.90	149	1242144	40.296	ng	97
85) Indeno(1,2,3-cd)pyrene	28.88	276	1521693	46.131	ng	# 93
87) Benzo(b)fluoranthene	24.05	252	1286822	45.067	ng	99
88) Benzo(k)fluoranthene	24.12	252	1269838	44.639	ng	98
89) Benzo(a)pyrene	24.95	252	1243594	45.304	ng	99
90) Dibenzo(a,h)anthracene	28.95	278	1271506	45.753	ng	97
91) Benzo(g,h,i)perylene	30.07	276	1267600	49.091	ng	98

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

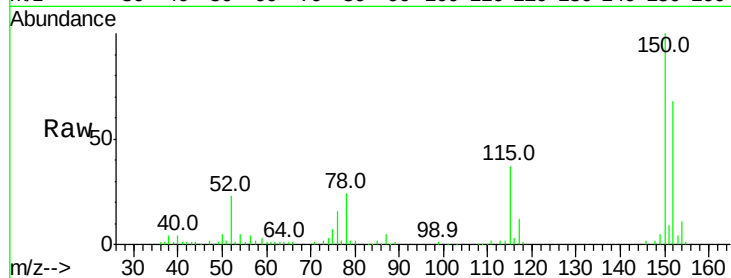


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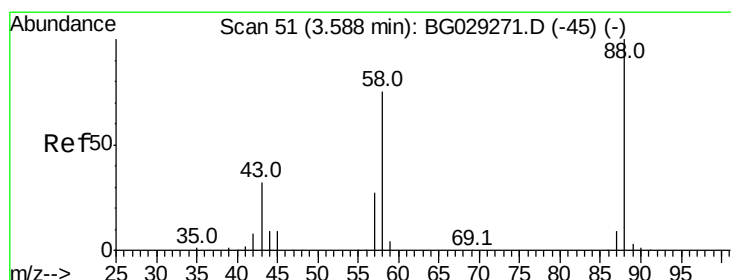
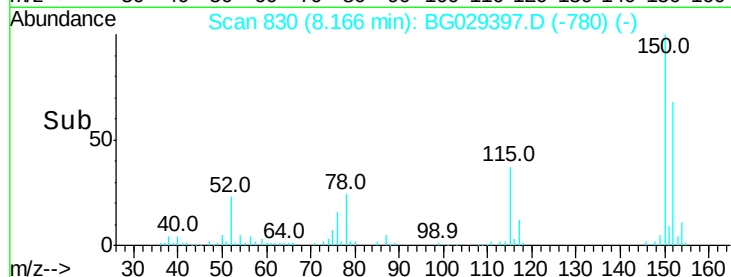
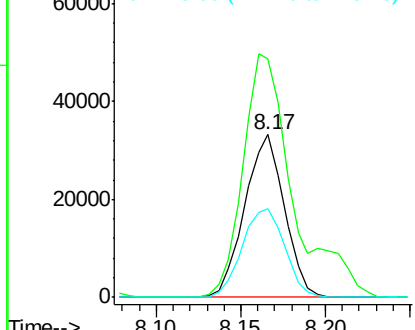
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54222
Ion Ratio Lower Upper
152 100
150 146.6 126.6 189.8
115 54.3 53.0 79.4



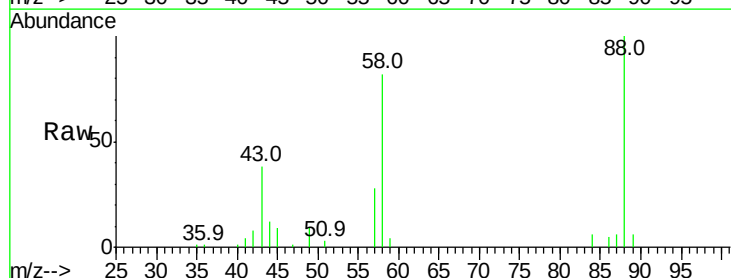
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



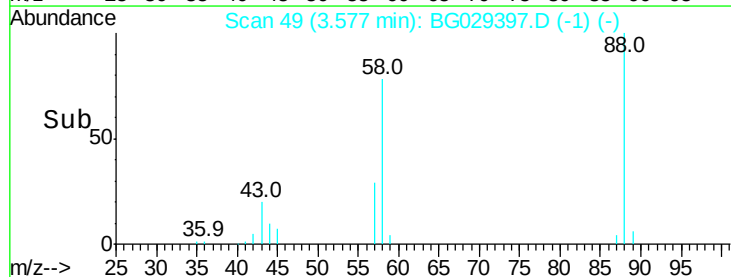
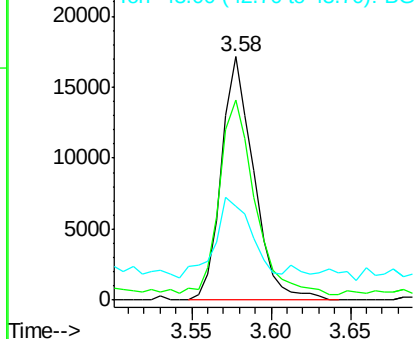
#2

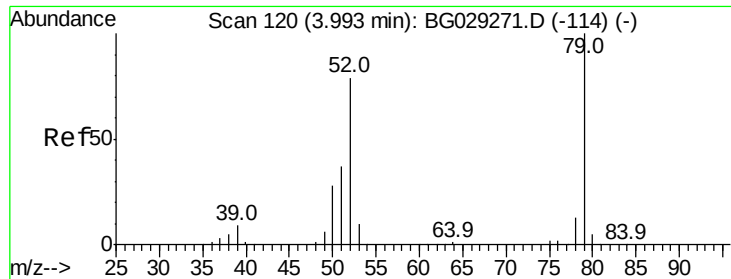
1,4-Dioxane
Concen: 18.434 ng
RT: 3.58 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion: 88 Resp: 24276
Ion Ratio Lower Upper
88 100
58 86.7 79.6 119.4
43 36.6 27.4 41.0



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





#3

Pvridine

Concen: 13.139 ng

RT: 3.98 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

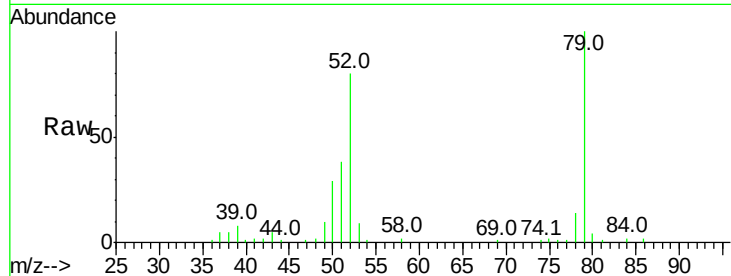
Tot Ion: 79 Resp: 50387

Ion Ratio Lower Upper

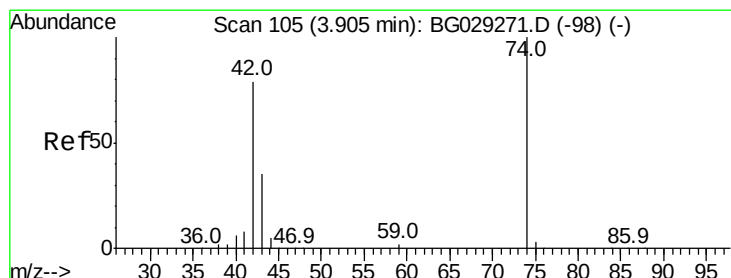
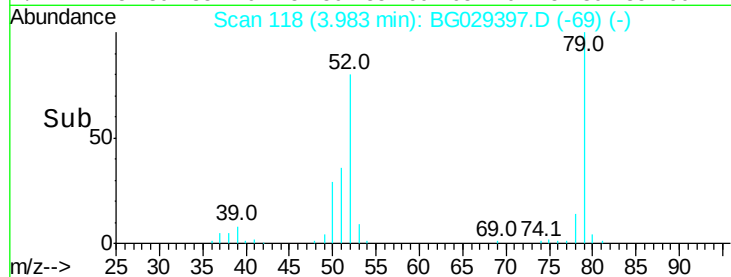
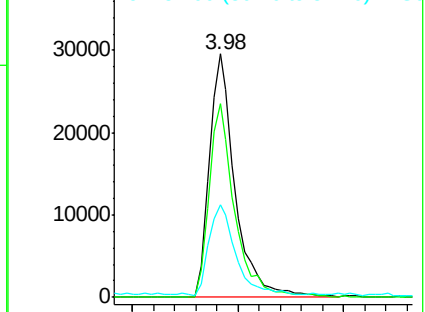
79 100

52 79.7 69.9 104.9

51 37.9 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: 19.396 ng

RT: 3.89 min Scan# 103

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

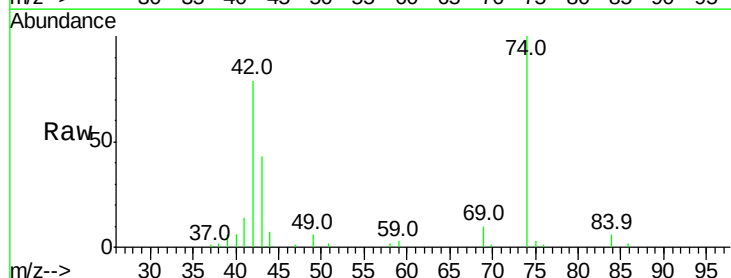
Tgt Ion: 42 Resp: 34770

Ion Ratio Lower Upper

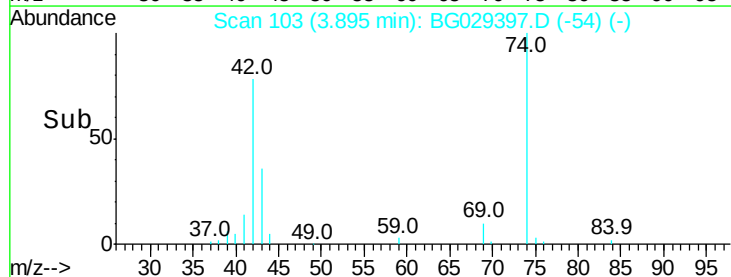
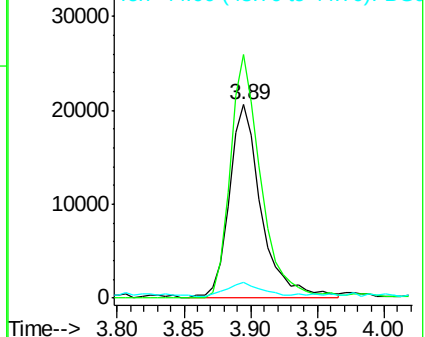
42 100

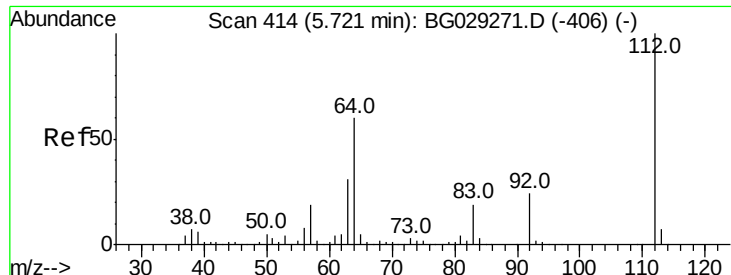
74 125.9 102.5 153.7

44 8.4 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: 73.711 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

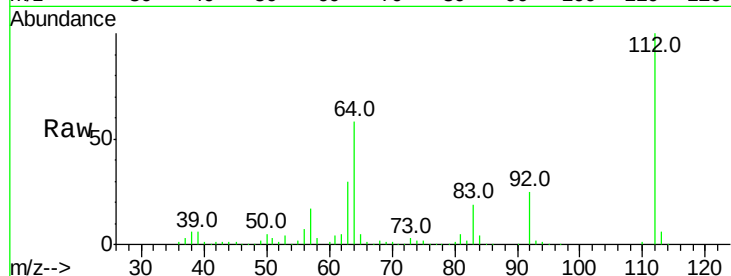
Tot Ion:112 Resp: 239249

Ion Ratio Lower Upper

112 100

64 58.3 56.3 84.5

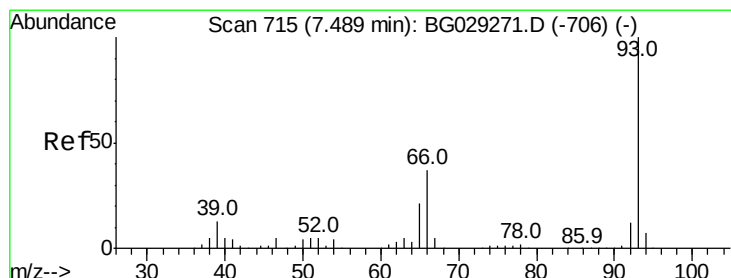
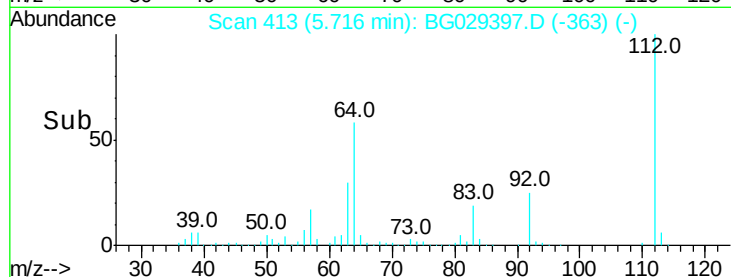
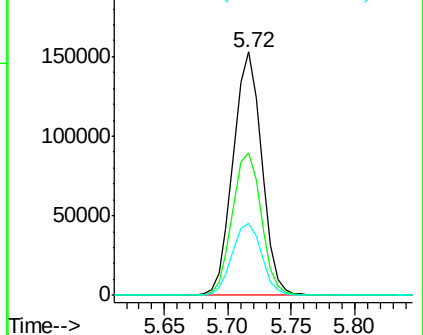
63 29.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.342 ng

RT: 7.48 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

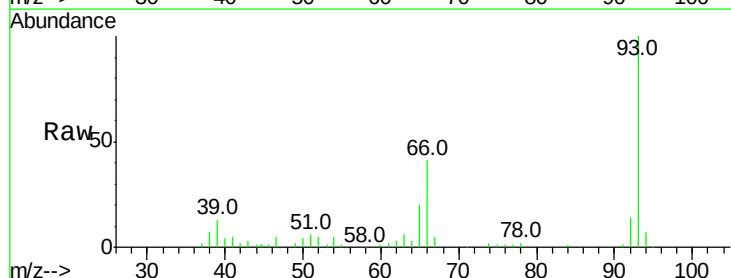
Tgt Ion: 93 Resp: 63985

Ion Ratio Lower Upper

93 100

66 41.0 33.7 50.5

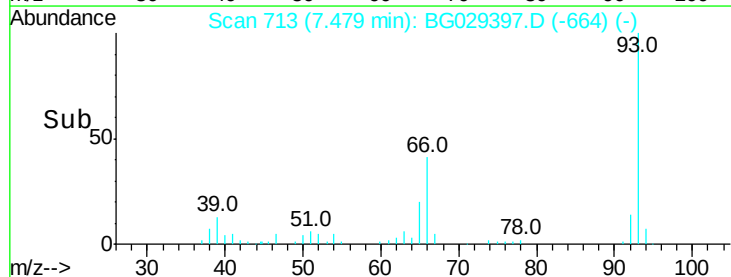
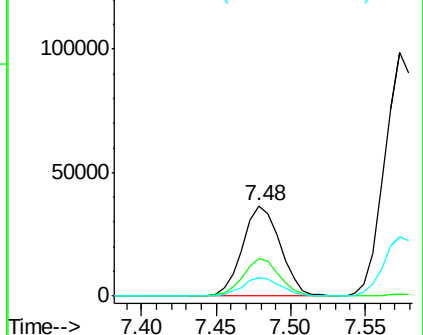
65 20.4 16.1 24.1

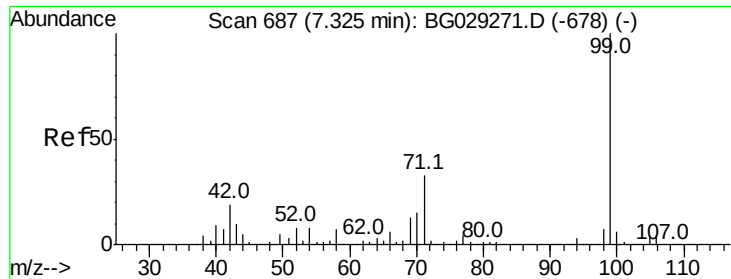


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 45.568 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

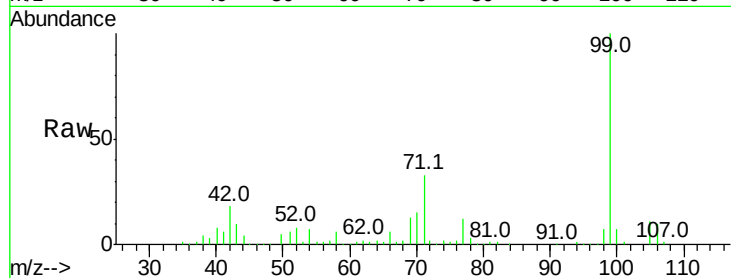
Tot Ion: 99 Resp: 207604

Ion Ratio Lower Upper

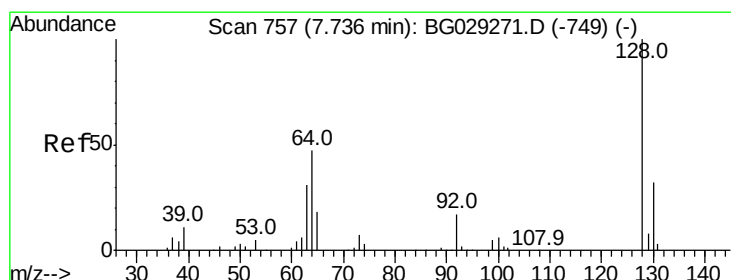
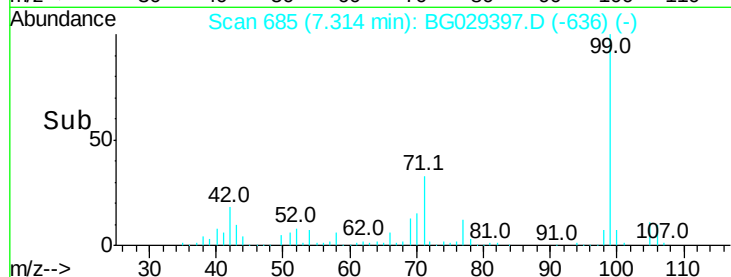
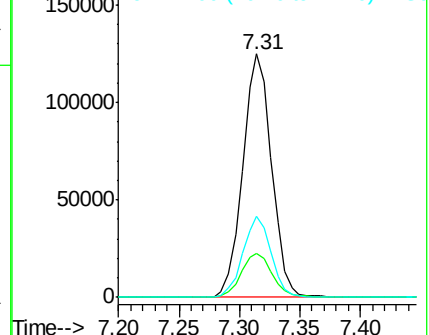
99 100

42 18.1 14.1 21.1

71 33.2 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.810 ng

RT: 7.73 min Scan# 755

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

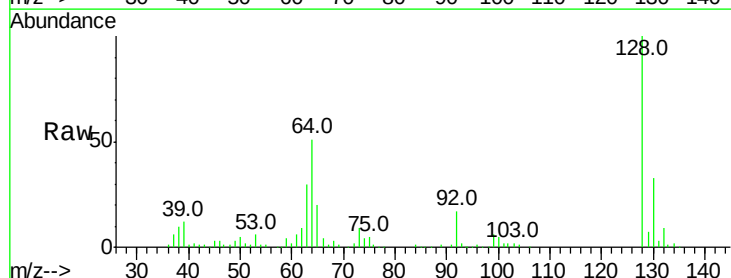
Tgt Ion: 128 Resp: 140668

Ion Ratio Lower Upper

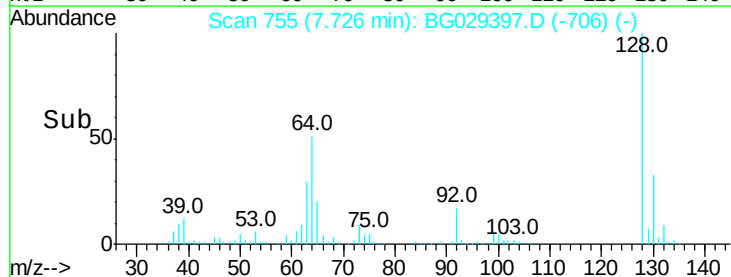
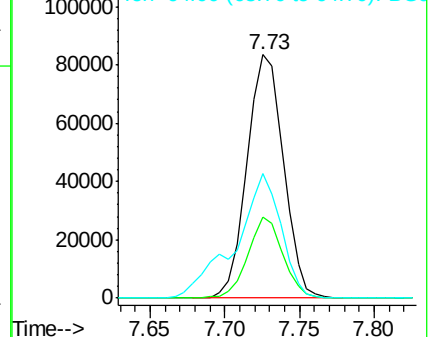
128 100

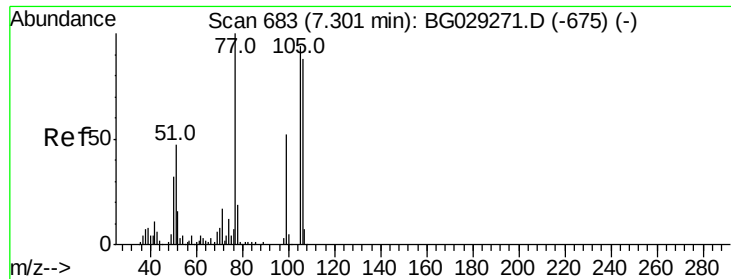
130 33.4 14.0 54.0

64 51.2 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: 58.074 ng

RT: 7.29 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampled :

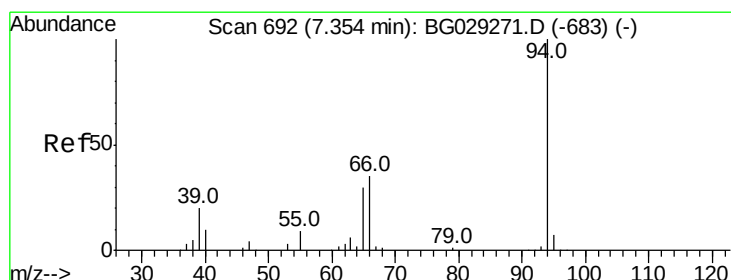
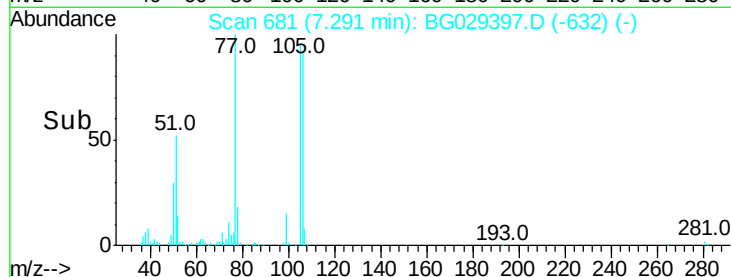
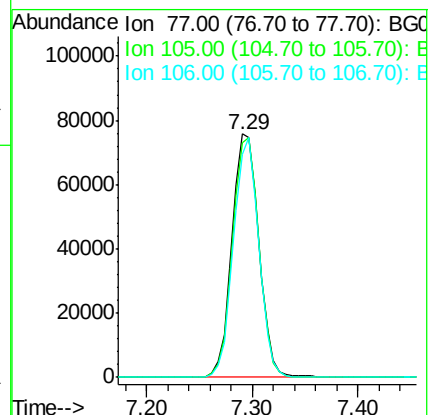
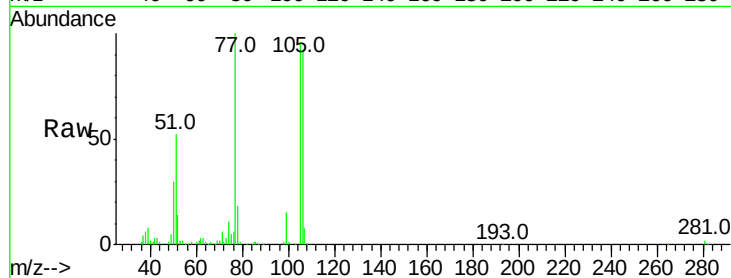
Tot Ion: 77 Resp: 133078

Ion Ratio Lower Upper

77 100

105 96.5 71.3 111.3

106 91.7 64.2 104.2



#10

Phenol

Concen: 15.055 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

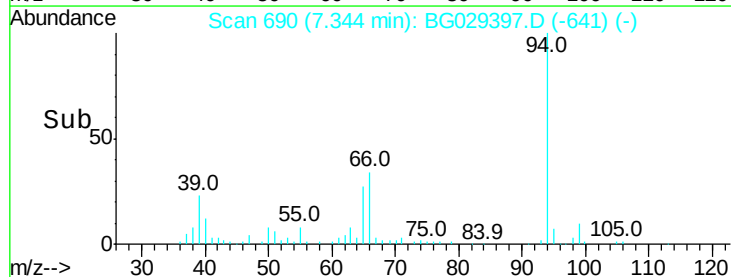
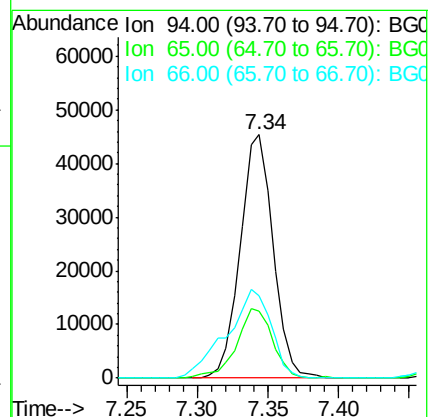
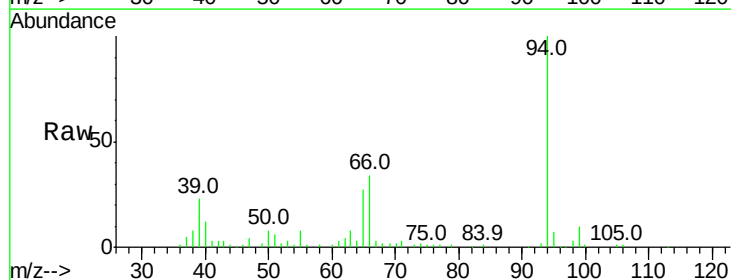
Tgt Ion: 94 Resp: 73945

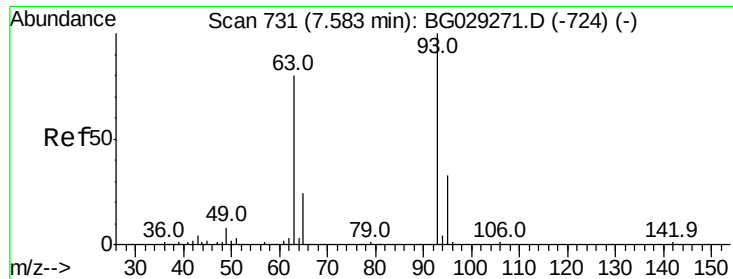
Ion Ratio Lower Upper

94 100

65 27.4 11.9 51.9

66 34.0 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 43.295 ng

RT: 7.57 min Scan# 729

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

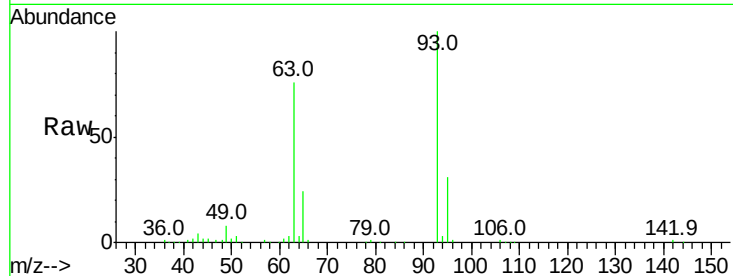
Tot Ion: 93 Resp: 154935

Ion Ratio Lower Upper

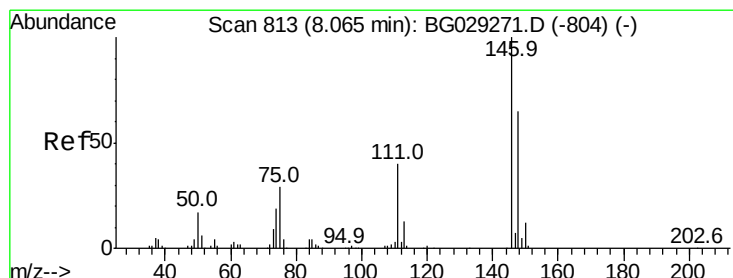
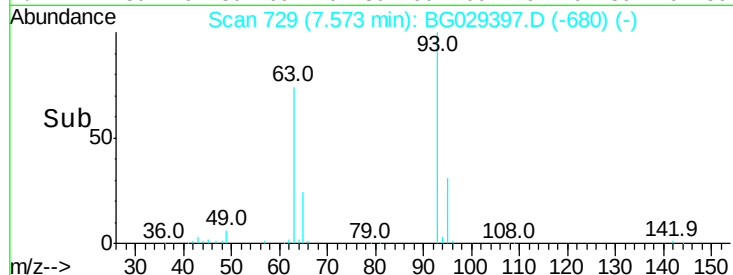
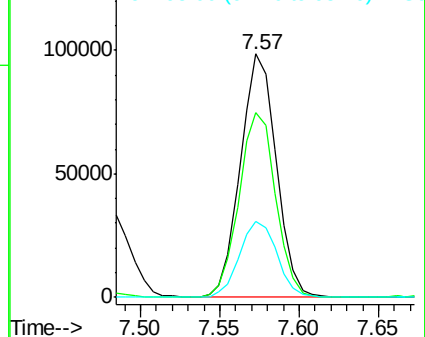
93 100

63 75.8 67.1 107.1

95 31.2 11.5 51.5



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



#12

1,3-Dichlorobenzene

Concen: 38.836 ng

RT: 8.05 min Scan# 811

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

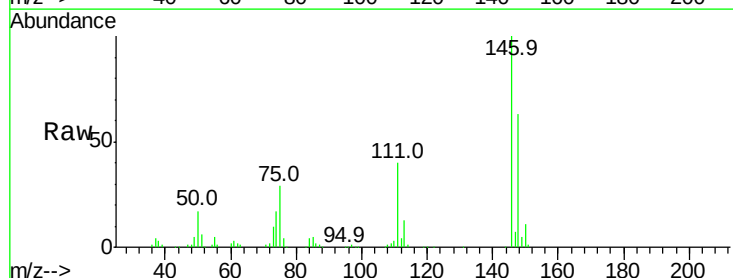
Tgt Ion: 146 Resp: 162213

Ion Ratio Lower Upper

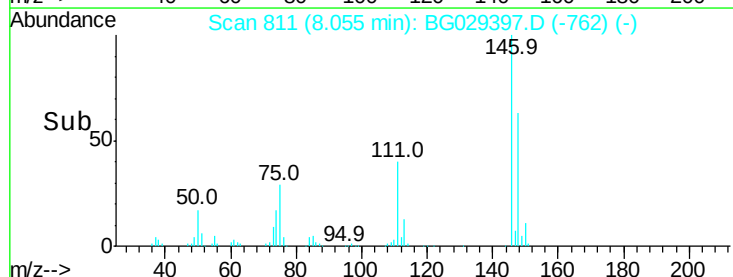
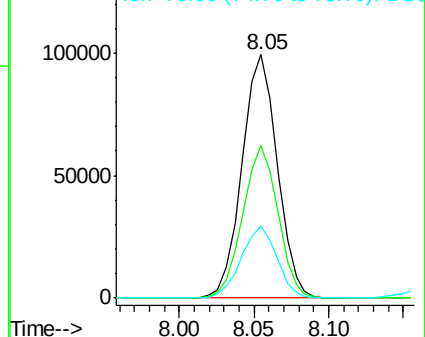
146 100

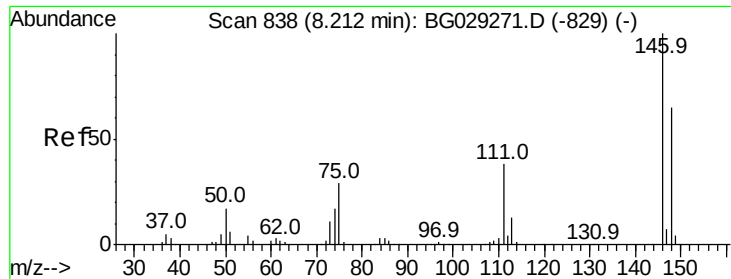
148 62.8 51.4 77.2

75 29.4 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

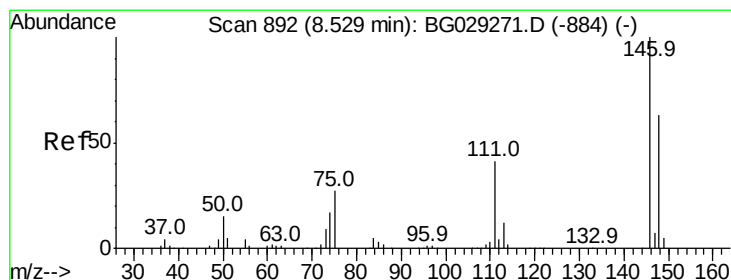
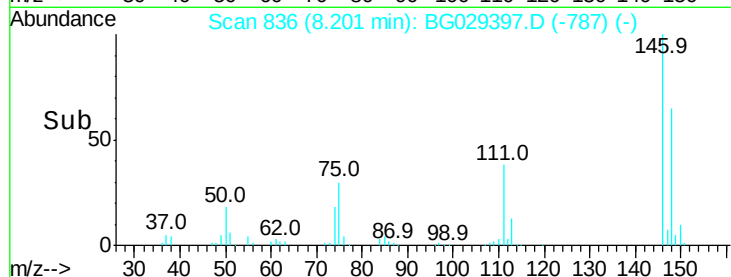
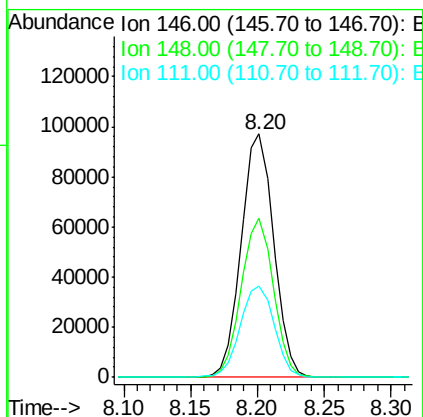
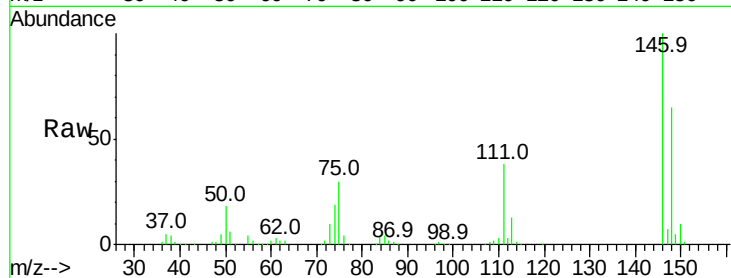




#13
 1,4-Dichlorobenzene
 Concen: 38.267 ng
 RT: 8.20 min Scan# 836
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

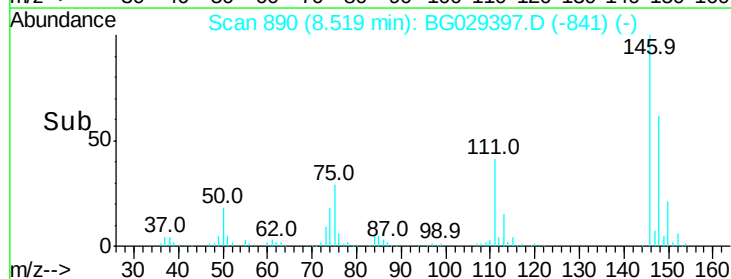
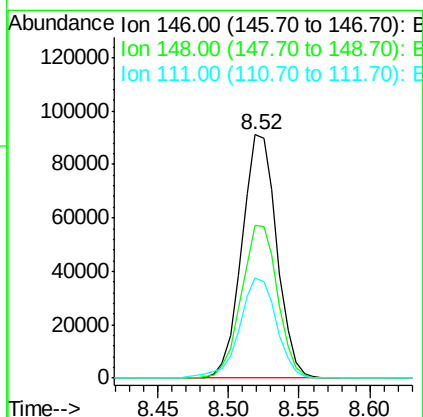
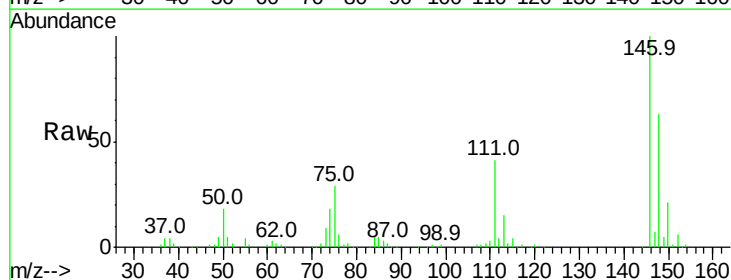
Instrument :
 BNA_G
 ClientSampleId :

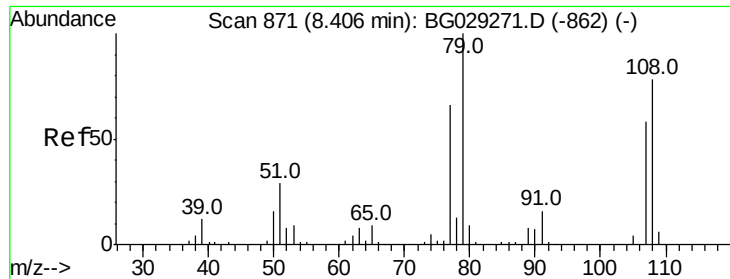
Tot Ion:146 Resp: 163190
 Ion Ratio Lower Upper
 146 100
 148 65.3 53.7 80.5
 111 37.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 38.360 ng
 RT: 8.52 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:146 Resp: 157786
 Ion Ratio Lower Upper
 146 100
 148 62.5 49.3 73.9
 111 40.9 34.3 51.5

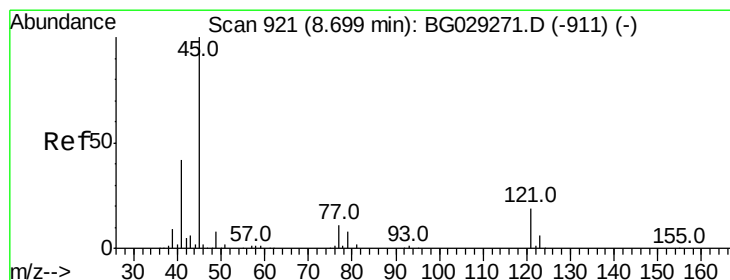
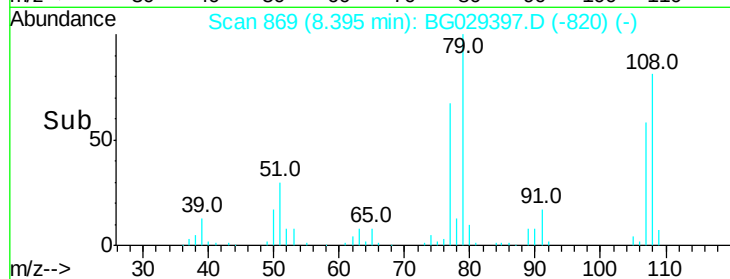
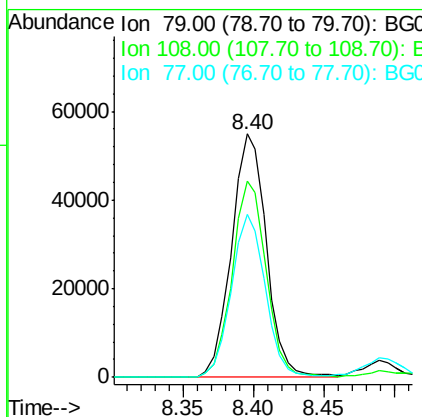
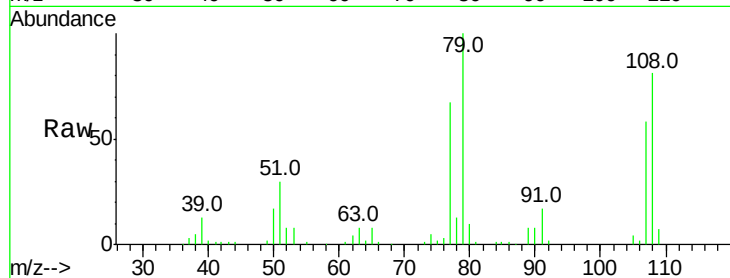




#15
Benzyl Alcohol
Concen: 29.411 ng
RT: 8.40 min Scan# 869
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

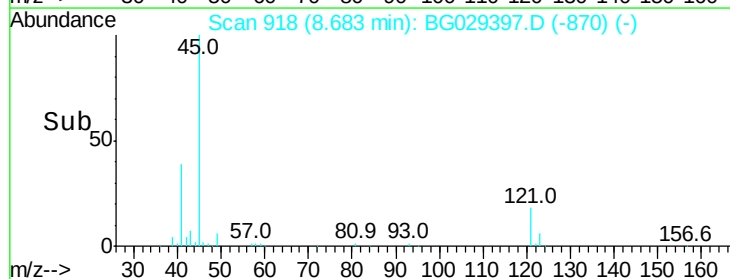
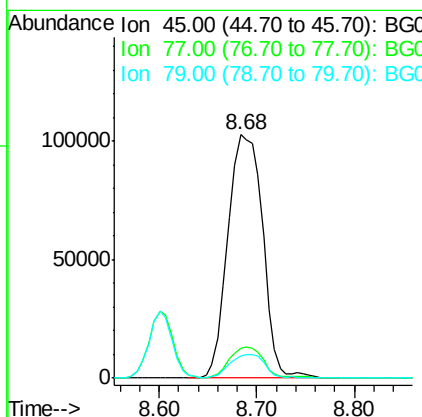
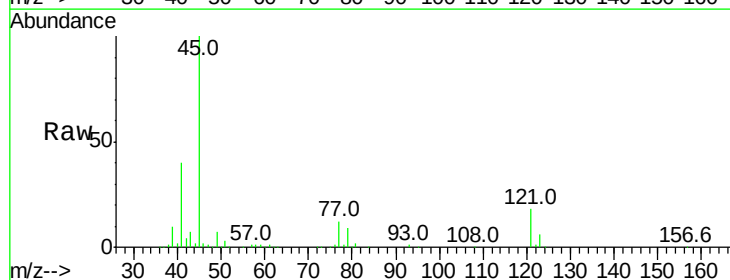
Instrument :
BNA_G
ClientSampleId :

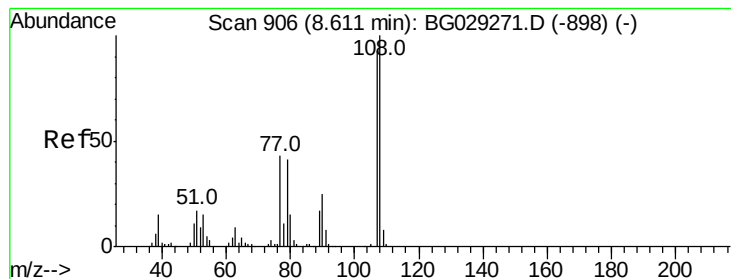
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.6	57.2	85.8
77	66.9	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.958 ng
RT: 8.68 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.2	0.0	30.2
79	9.0	0.0	27.9

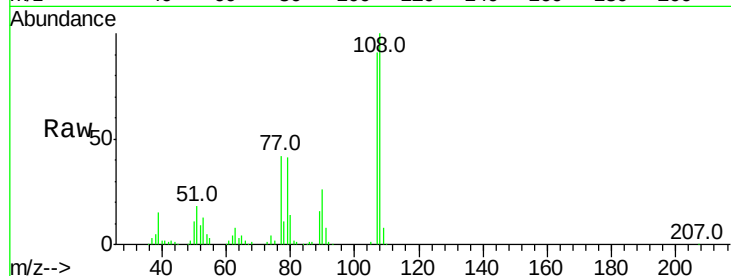




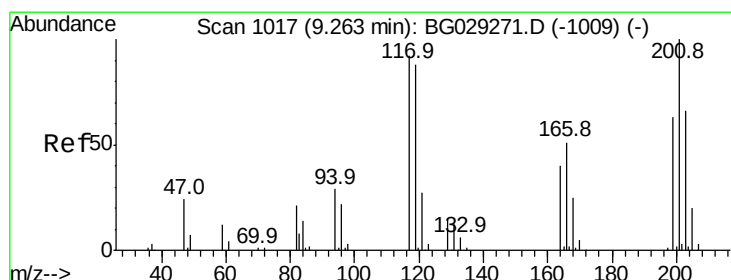
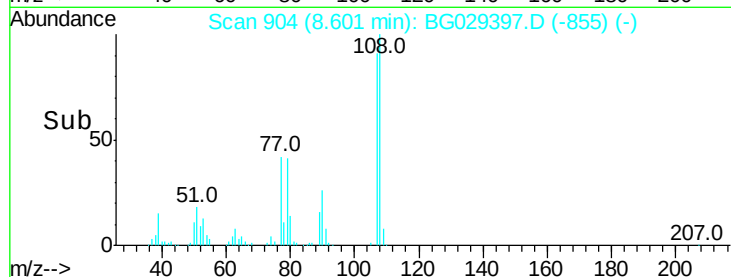
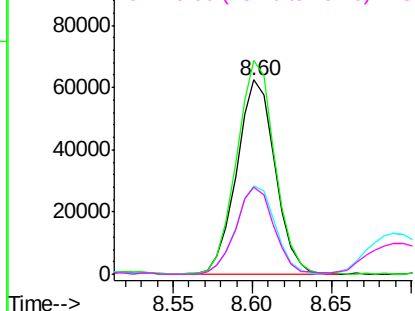
#17
2-Methylphenol
Concen: 32.146 ng
RT: 8.60 min Scan# 904
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 104885
Ion Ratio Lower Upper
107 100
108 110.0 83.9 125.9
77 45.7 37.2 55.8
79 45.2 36.2 54.2

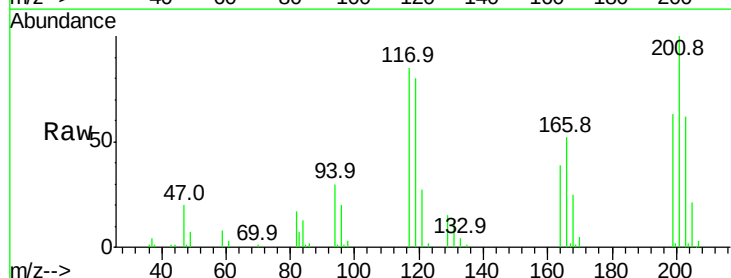


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

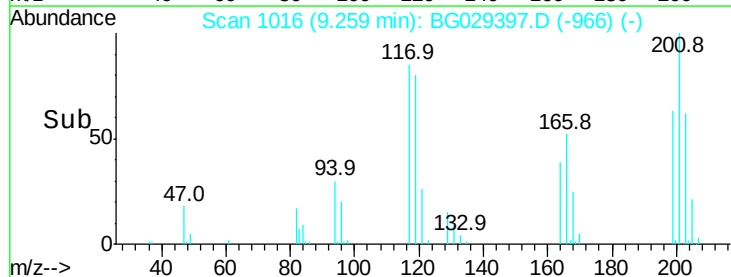
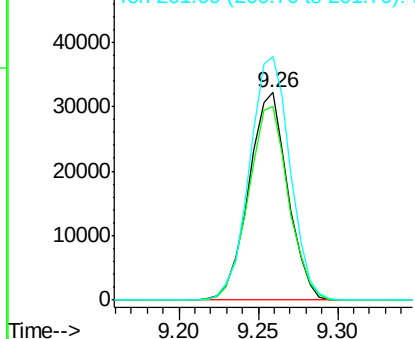


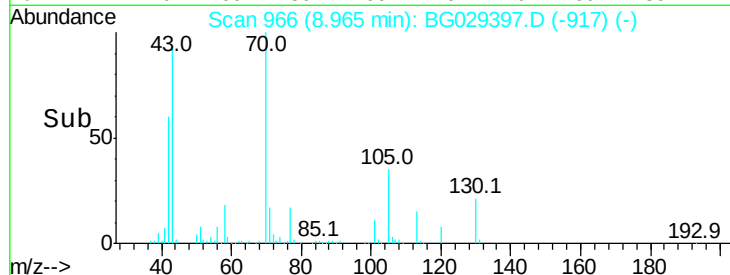
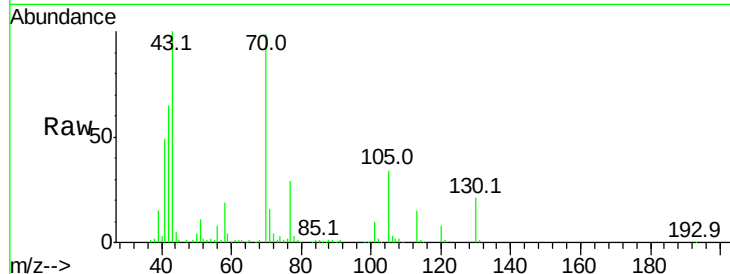
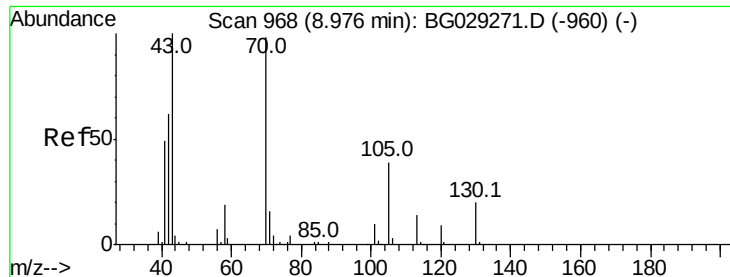
#18
Hexachloroethane
Concen: 37.776 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:117 Resp: 54899
Ion Ratio Lower Upper
117 100
119 93.7 76.7 115.1
201 117.5 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

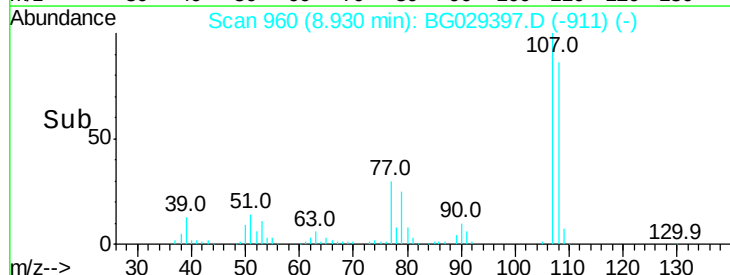
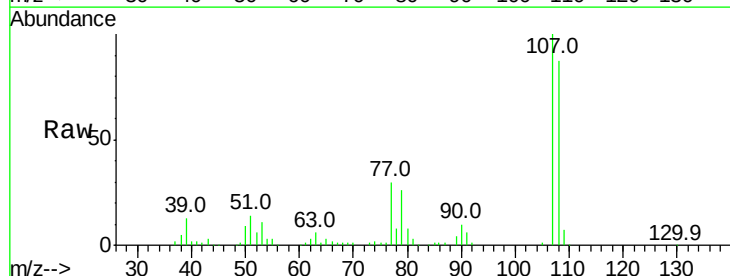
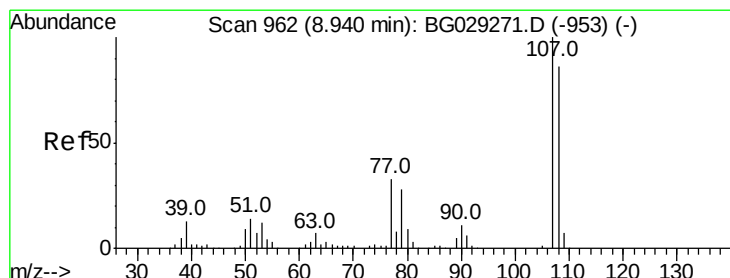
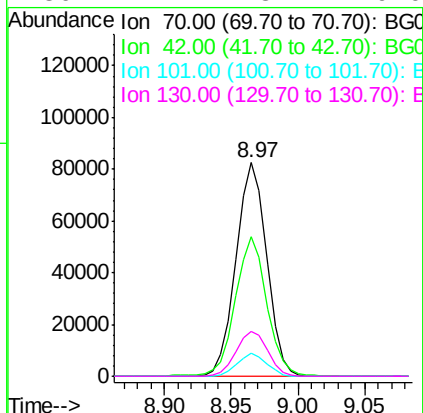




#19
n-Nitroso-di-n-propylamine
Concen: 42.525 ng
RT: 8.97 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

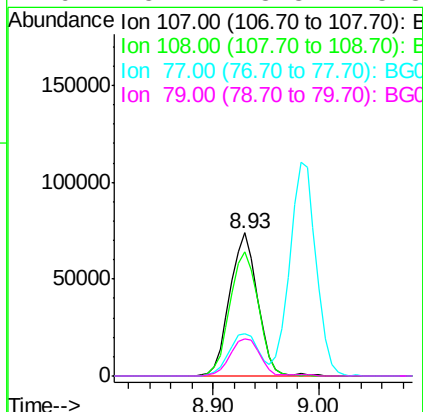
Instrument :
BNA_G
ClientSampleId :

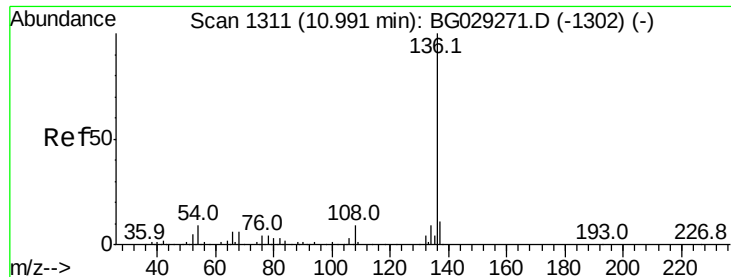
Tot Ion: 70 Resp: 131734
Ion Ratio Lower Upper
70 100
42 65.5 49.1 73.7
101 10.5 8.5 12.7
130 21.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 29.216 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:107 Resp: 134320
Ion Ratio Lower Upper
107 100
108 86.6 61.6 101.6
77 29.9 13.9 53.9
79 25.7 8.8 48.8

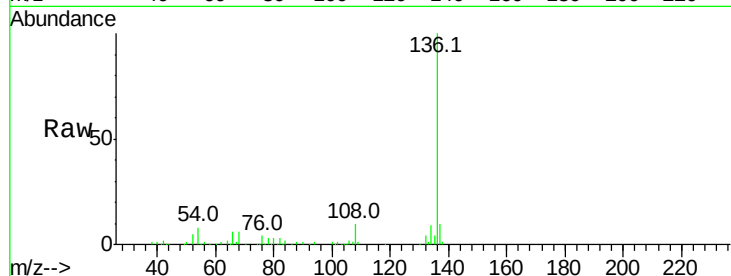




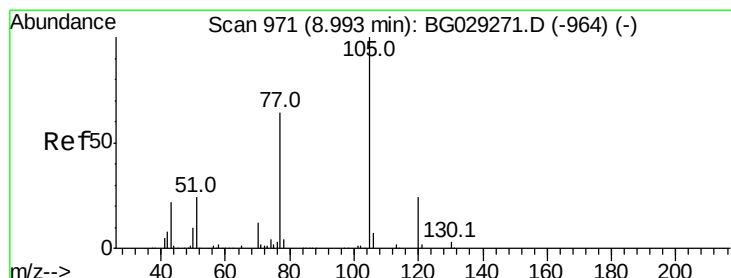
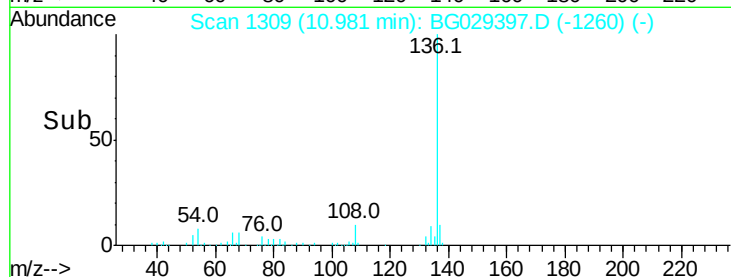
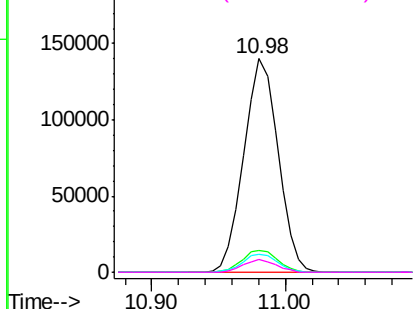
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	248816
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.2	13.8
54	8.4	10.3	15.5#
68	6.1	4.5	6.7

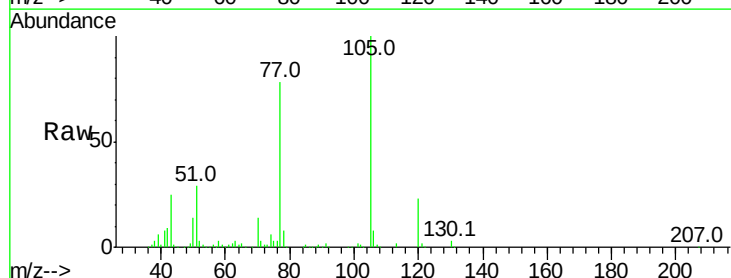


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

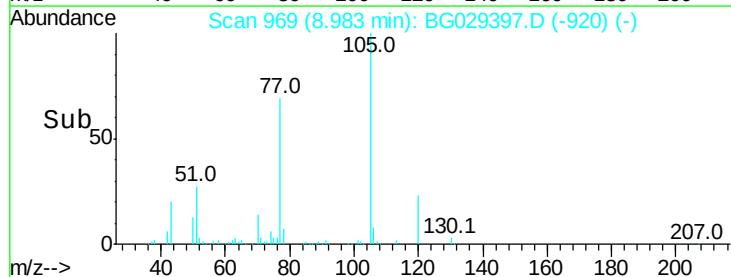
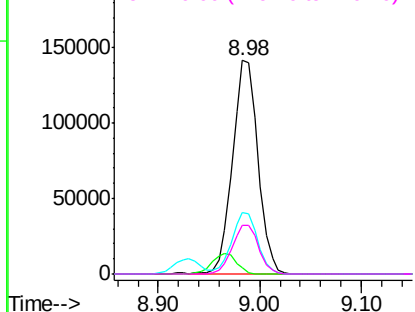


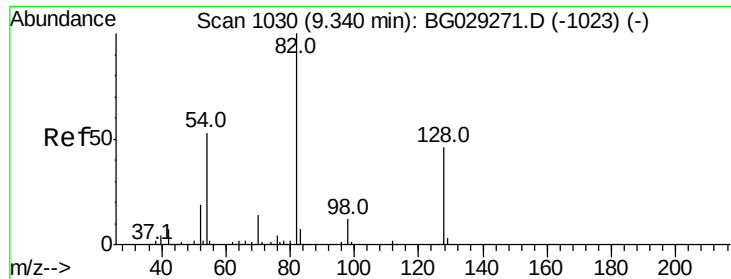
#22
Acetophenone
Concen: 40.996 ng
RT: 8.98 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:	105	Resp:	245826
Ion	Ratio	Lower	Upper
105	100		
71	2.8	3.0	4.4#
51	29.0	26.1	39.1
120	22.9	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

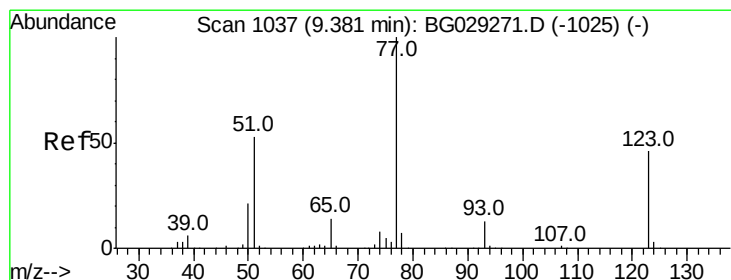
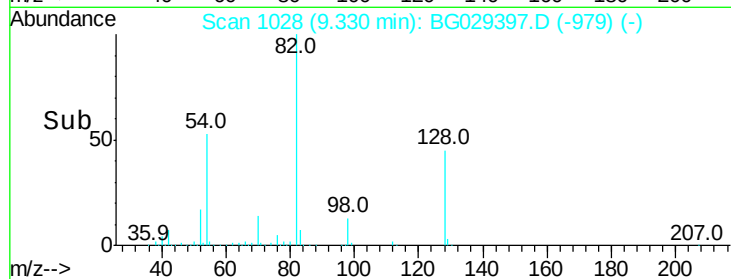
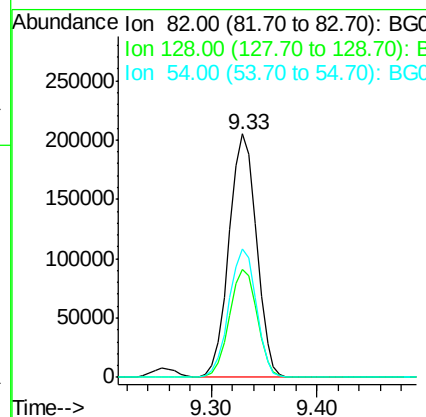
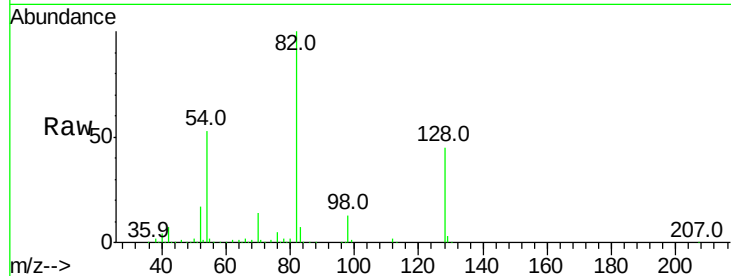




#23
 Nitrobenzene-d5
 Concen: 94.144 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

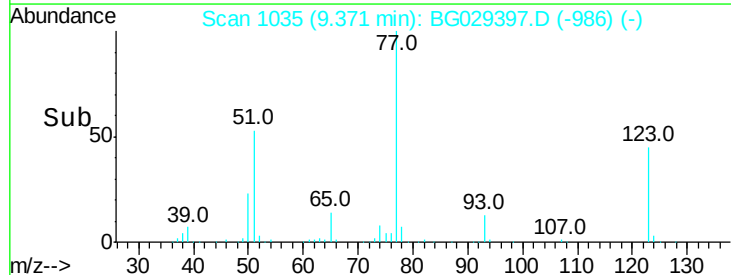
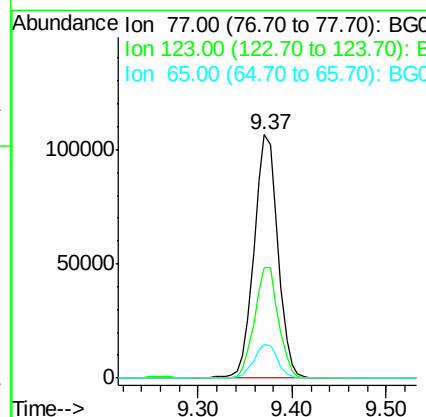
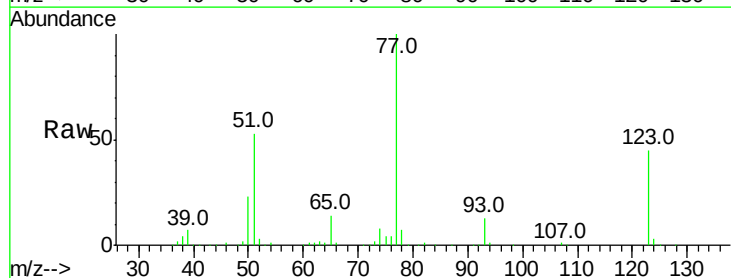
Instrument :
 BNA_G
 ClientSampleId :

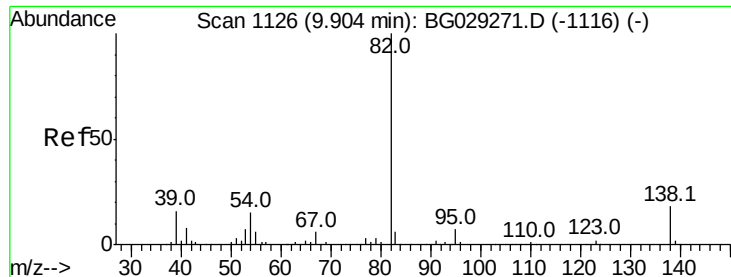
Tot Ion: 82 Resp: 368615
 Ion Ratio Lower Upper
 82 100
 128 44.5 29.7 44.5#
 54 53.0 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.330 ng
 RT: 9.37 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion: 77 Resp: 186354
 Ion Ratio Lower Upper
 77 100
 123 45.4 33.0 49.6
 65 14.0 13.0 19.6

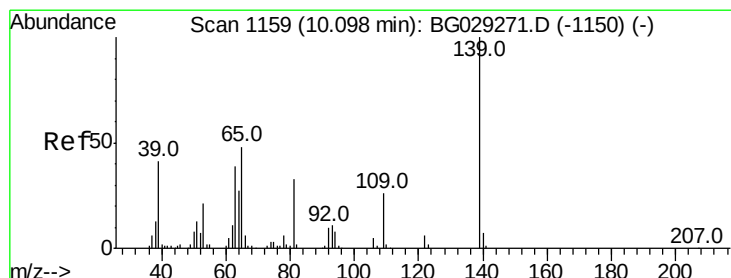
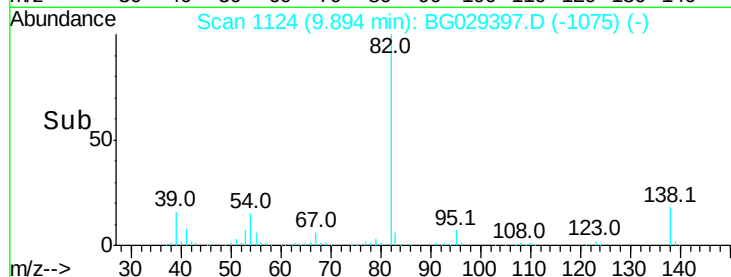
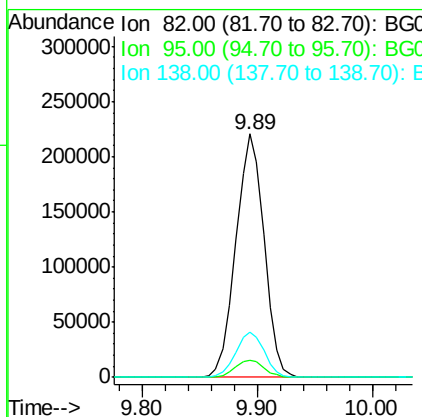
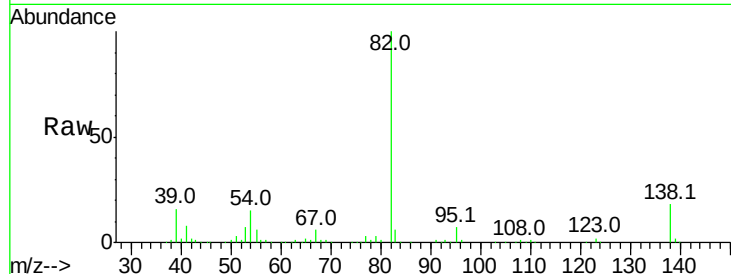




#25
Isophorone
Concen: 45.515 ng
RT: 9.89 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

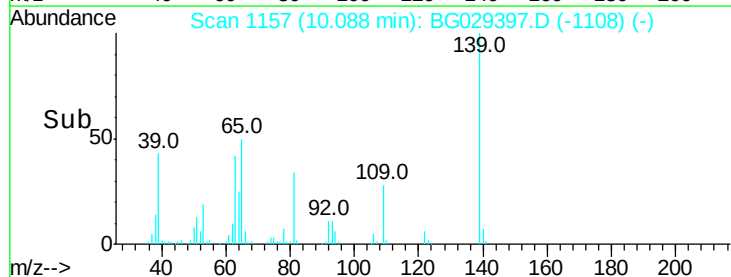
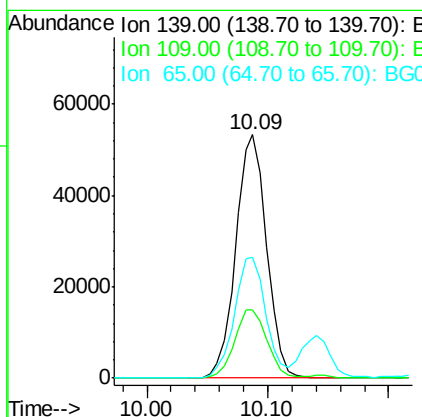
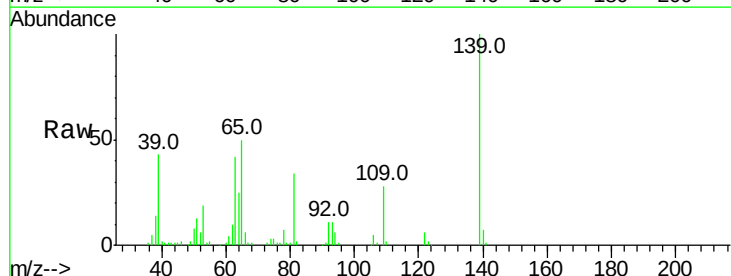
Instrument :
BNA_G
ClientSampleId :

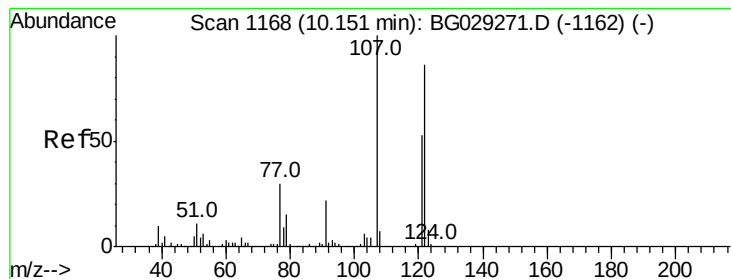
Tot Ion: 82 Resp: 372038
Ion Ratio Lower Upper
82 100
95 7.0 6.2 9.2
138 18.5 12.1 18.1#



#26
2-Nitrophenol
Concen: 44.943 ng
RT: 10.09 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:139 Resp: 94565
Ion Ratio Lower Upper
139 100
109 28.2 24.2 36.2
65 49.7 47.4 71.0





#27

2,4-Dimethylphenol

Concen: 40.853 ng

RT: 10.14 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampled :

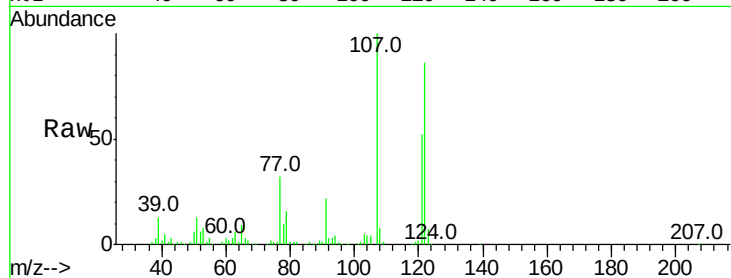
Tot Ion:122 Resp: 155523

Ion Ratio Lower Upper

122 100

107 116.6 100.2 150.2

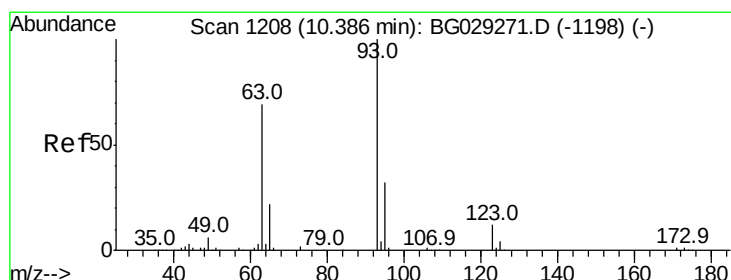
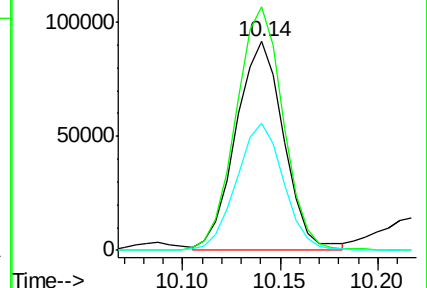
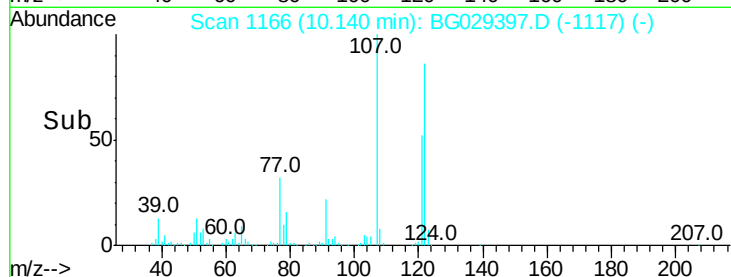
121 60.7 44.4 66.6



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: 44.385 ng

RT: 10.38 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

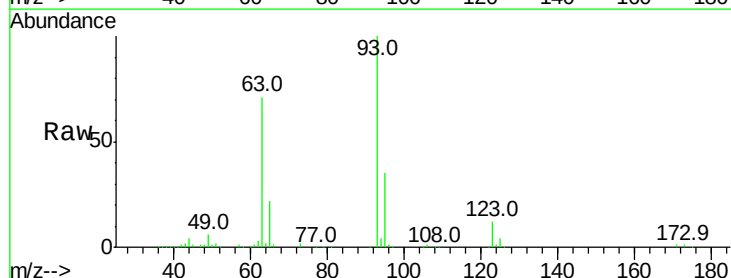
Tgt Ion: 93 Resp: 222467

Ion Ratio Lower Upper

93 100

95 34.7 24.3 36.5

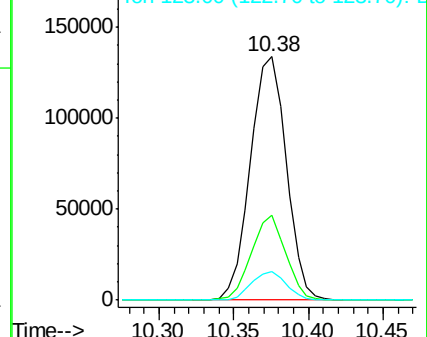
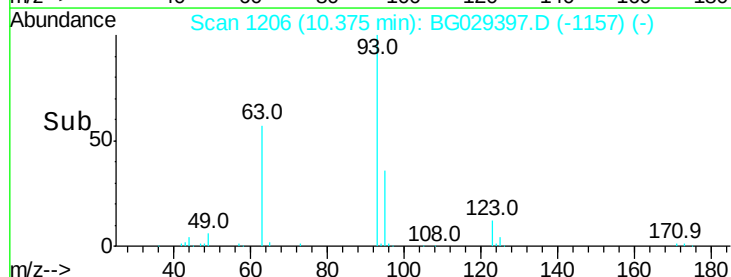
123 11.9 8.4 12.6

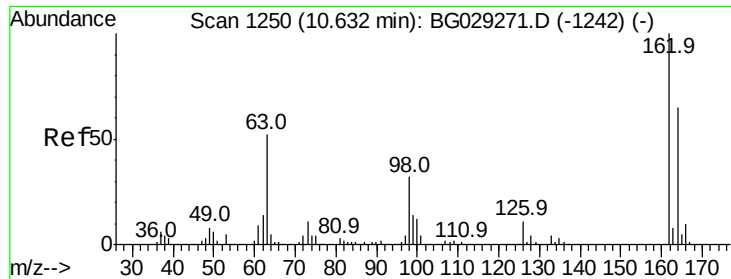


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

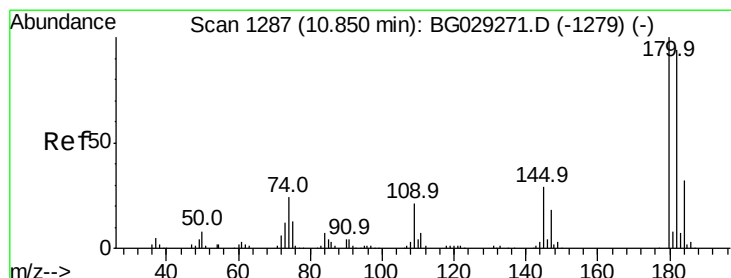
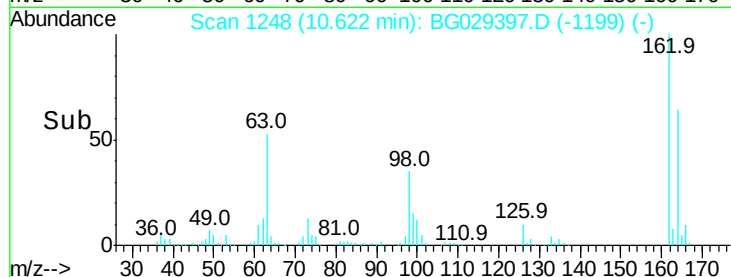
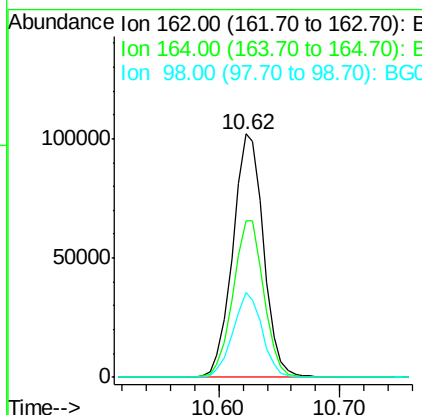
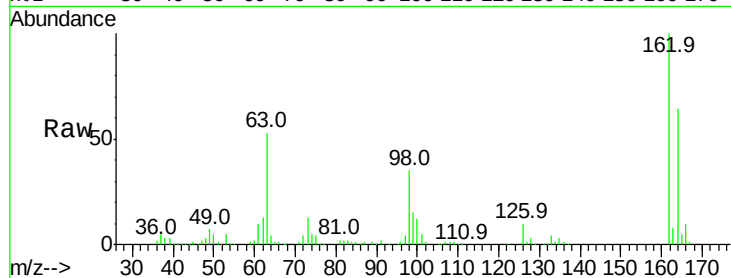




#29
 2,4-Dichlorophenol
 Concen: 44.425 ng
 RT: 10.62 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

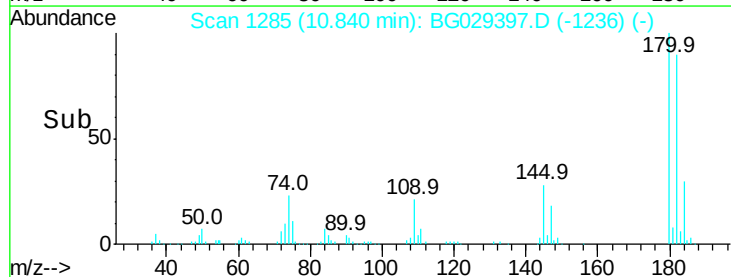
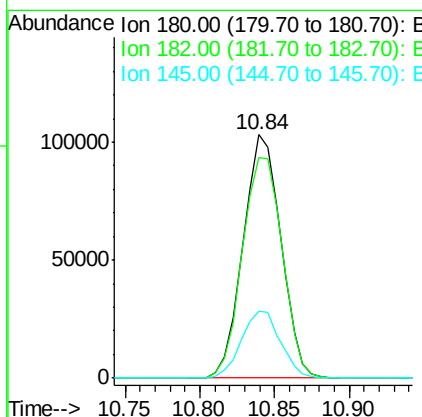
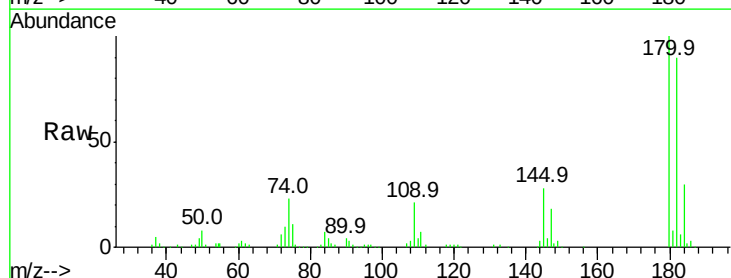
Instrument :
 BNA_G
 ClientSampleId :

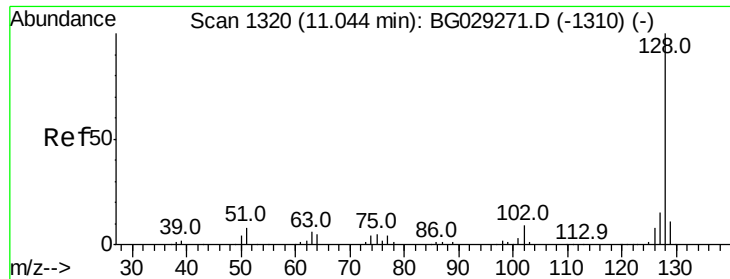
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.0	88.0
98	35.0	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.266 ng
 RT: 10.84 min Scan# 1285
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.5	77.5	116.3
145	27.7	23.4	35.2

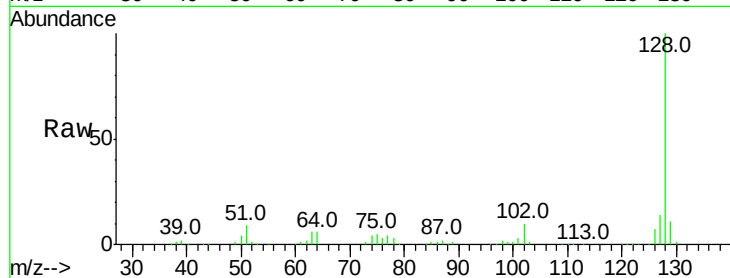




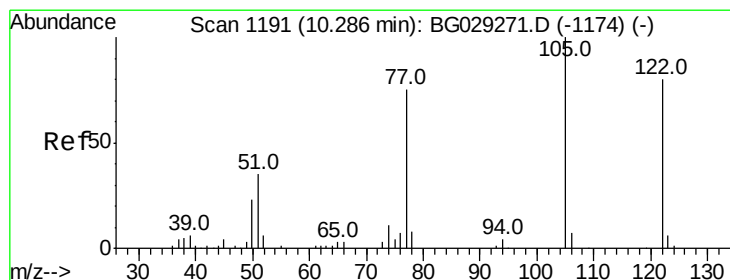
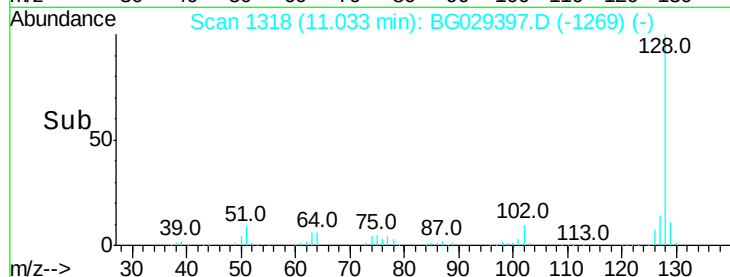
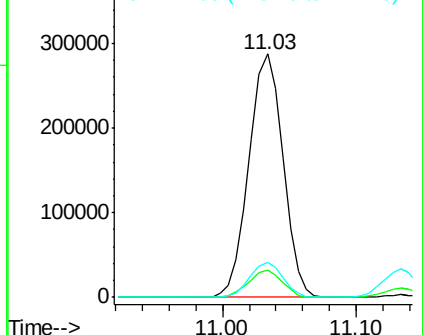
#31
Naphthalene
Concen: 40.964 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 507979
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.5 11.6 17.4

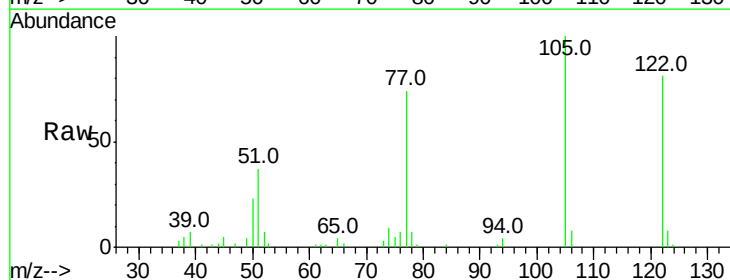


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

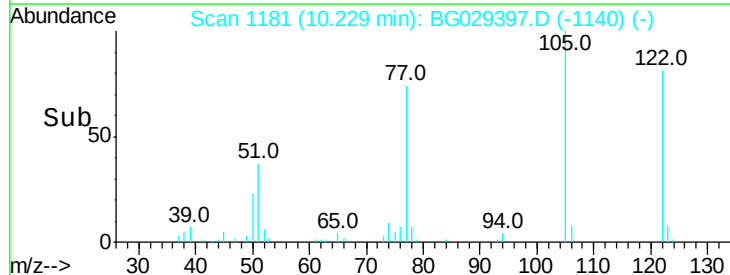
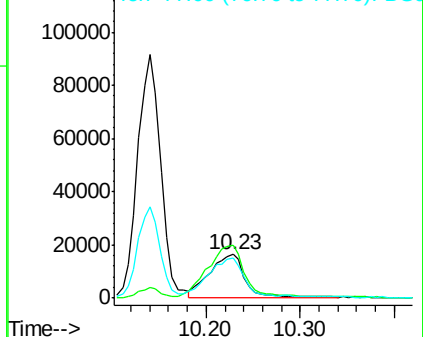


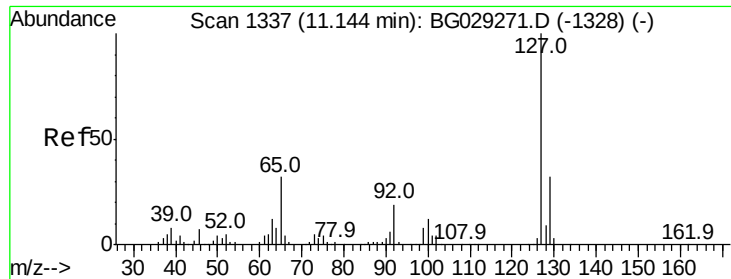
#32
Benzoic acid
Concen: 13.436 ng
RT: 10.23 min Scan# 1181
Delta R.T. -0.06 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:122 Resp: 42829
Ion Ratio Lower Upper
122 100
105 122.9 123.5 163.5#
77 91.3 85.7 125.7



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

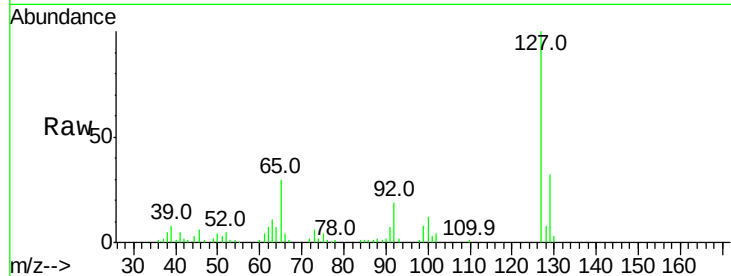




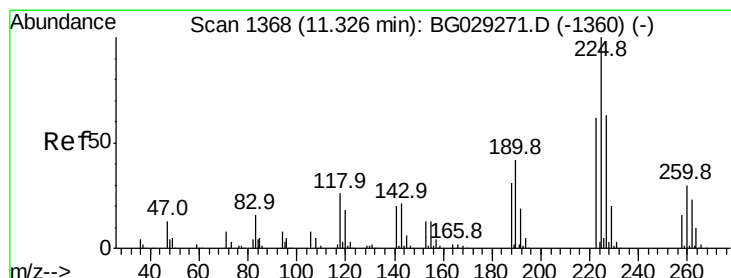
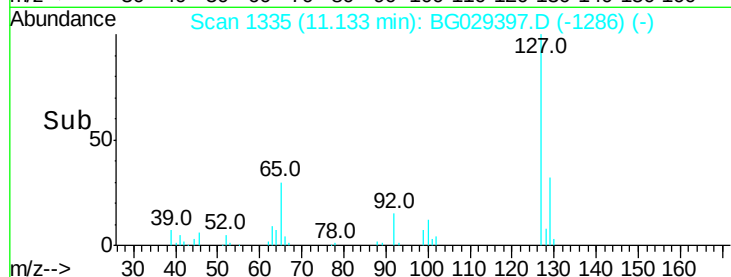
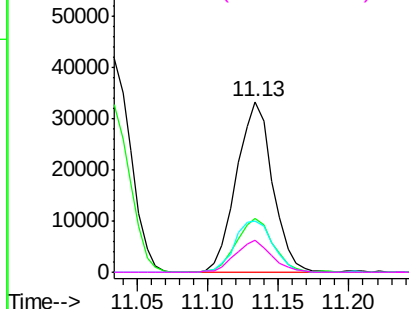
#33
4-Chloroaniline
Concen: 11.389 ng
RT: 11.13 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	59409
Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.0	36.0
65	30.2	27.0	40.4
92	19.0	16.6	25.0

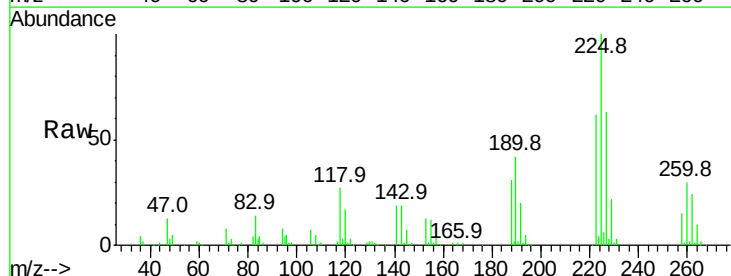


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

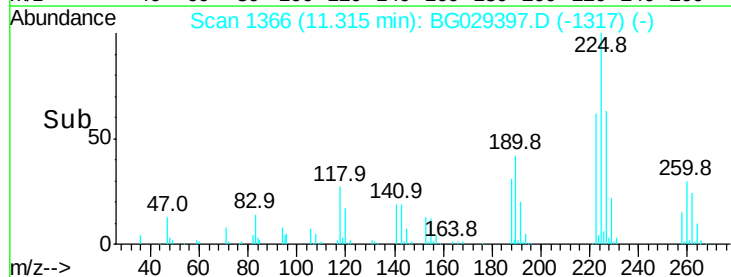
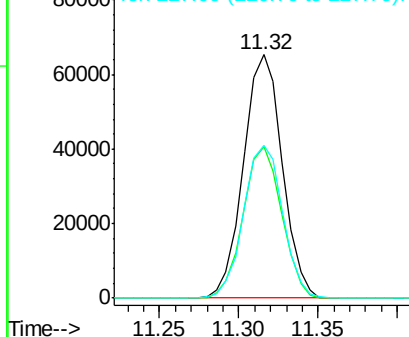


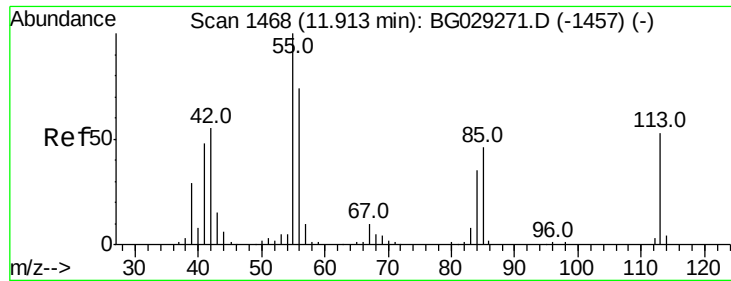
#34
Hexachlorobutadiene
Concen: 40.716 ng
RT: 11.32 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:	225	Resp:	111027
Ion	Ratio	Lower	Upper
225	100		
223	62.2	49.7	74.5
227	62.5	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: 8.293 ng

RT: 11.90 min Scan# 1465

Delta R.T. -0.02 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

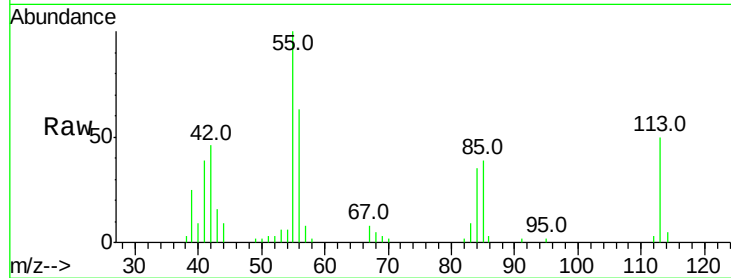
Tot Ion:113 Resp: 11189

Ion Ratio Lower Upper

113 100

55 198.5 186.9 226.9

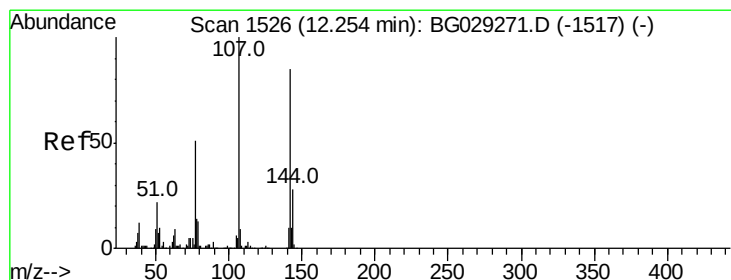
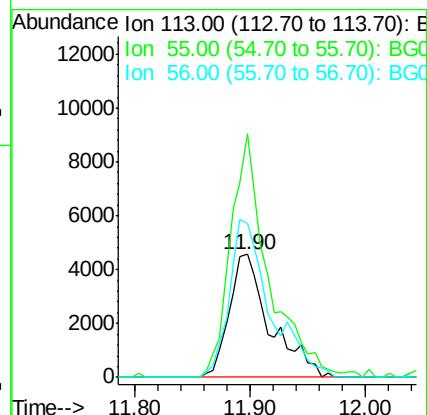
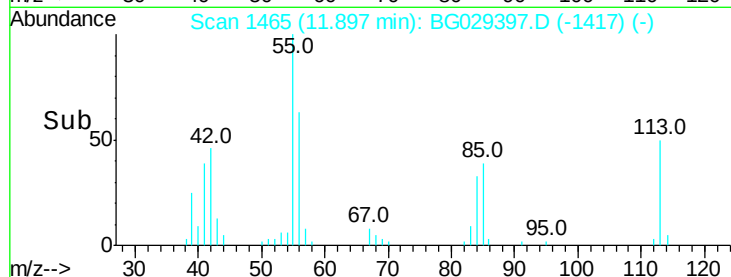
56 125.9 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.879 ng

RT: 12.24 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

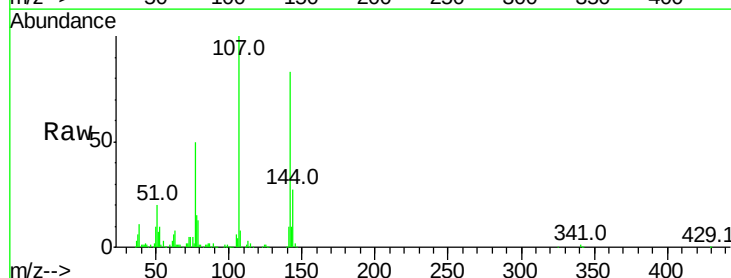
Tgt Ion:107 Resp: 186983

Ion Ratio Lower Upper

107 100

144 27.1 18.2 27.4

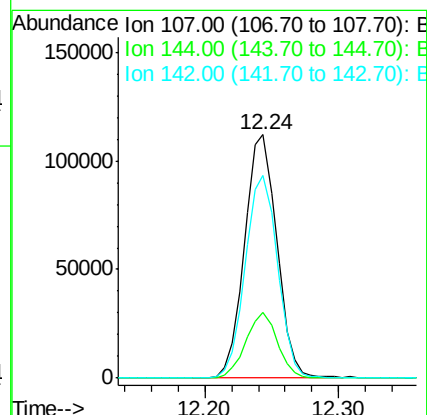
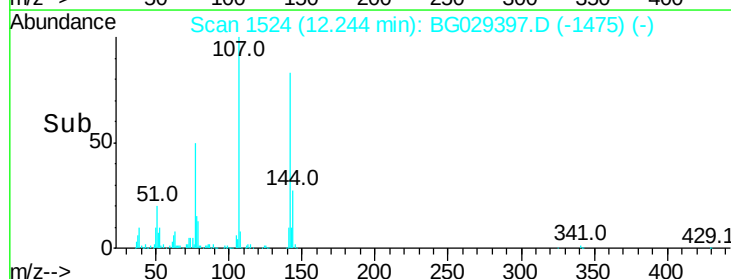
142 83.2 59.0 88.4

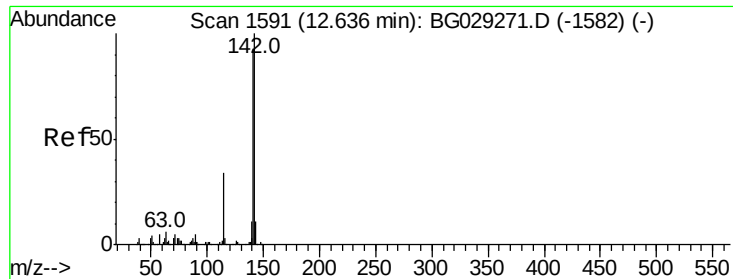


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

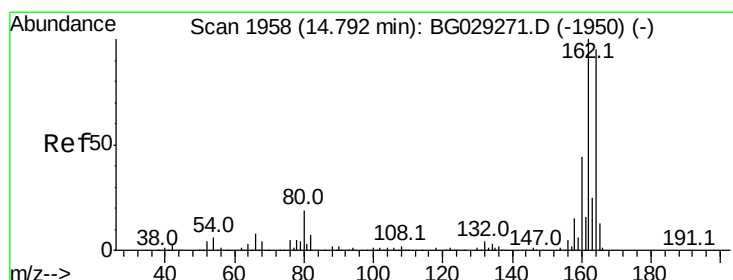
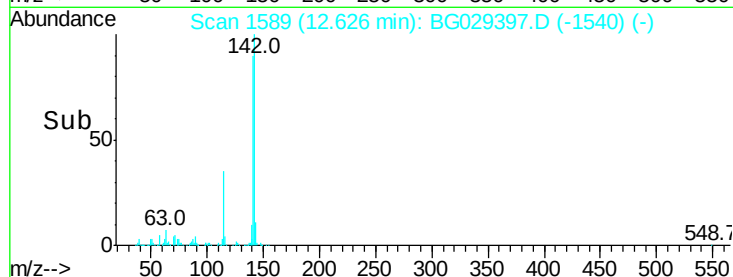
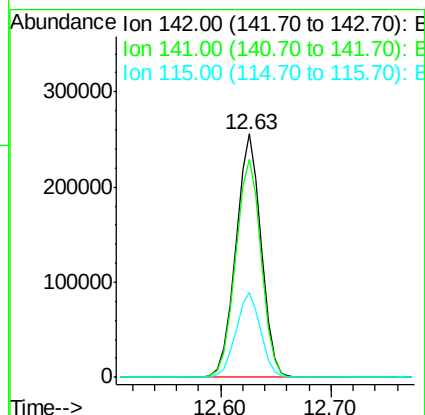
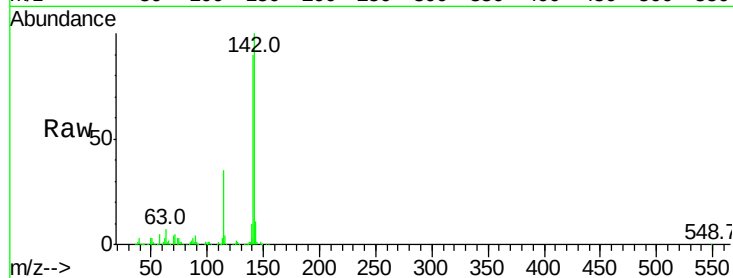




#37
2-Methylnaphthalene
Concen: 45.096 ng
RT: 12.63 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

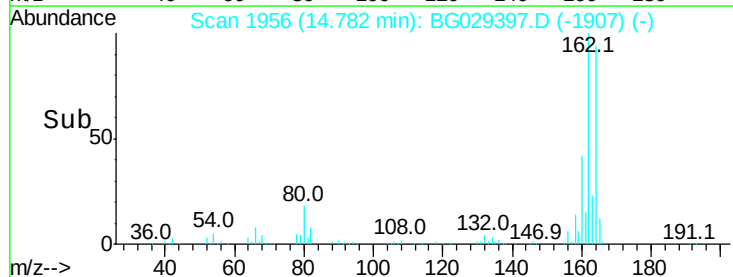
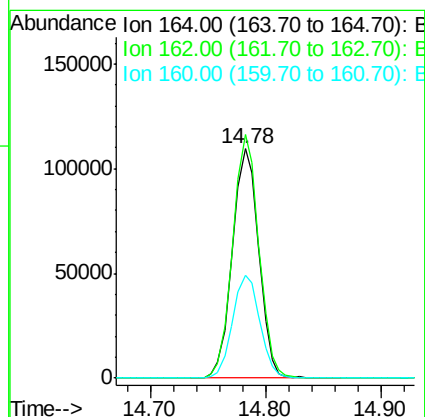
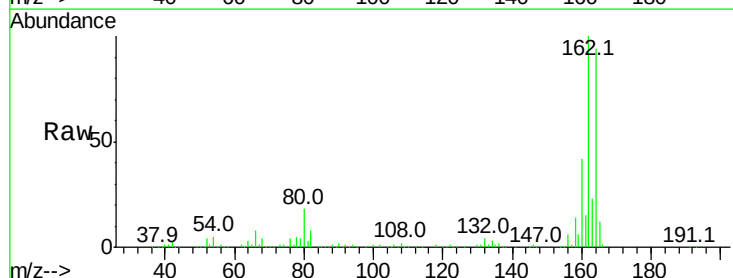
Instrument :
BNA_G
ClientSampleId :

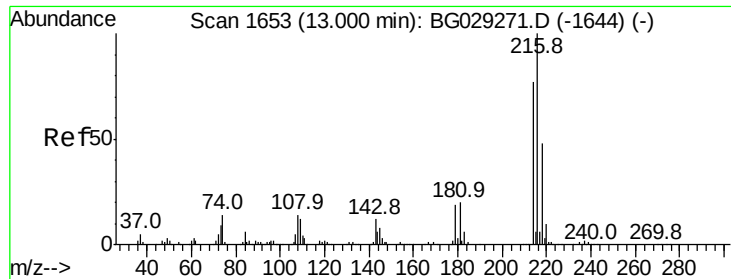
Tot Ion:142 Resp: 407564
Ion Ratio Lower Upper
142 100
141 89.6 67.1 100.7
115 34.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:164 Resp: 173135
Ion Ratio Lower Upper
164 100
162 106.3 78.8 118.2
160 44.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.601 ng

RT: 12.99 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 225040

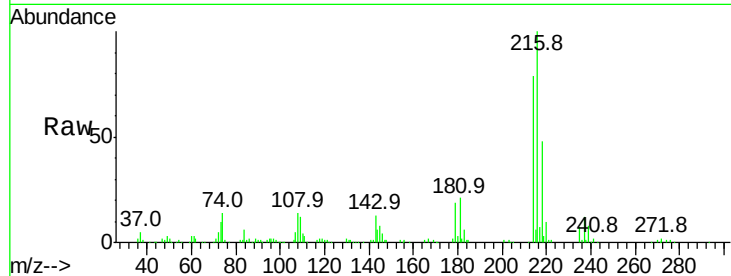
Ion Ratio Lower Upper

216 100

214 77.1 63.0 94.4

179 19.5 17.0 25.6

108 17.0 12.8 19.2

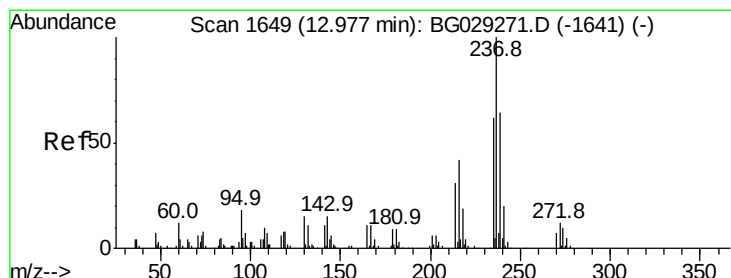
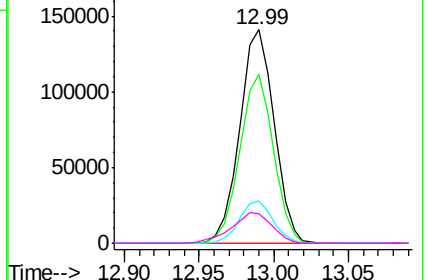
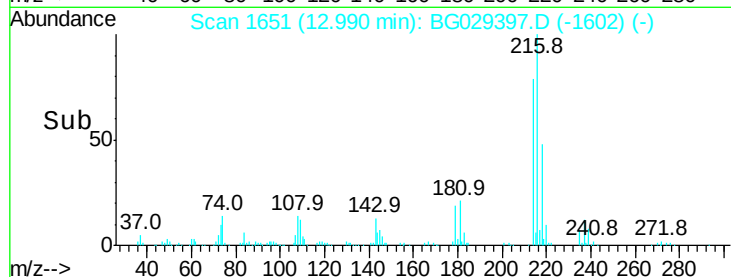


Abundance Ion 216.00 (215.70 to 216.70): E

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: 105.361 ng

RT: 12.97 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

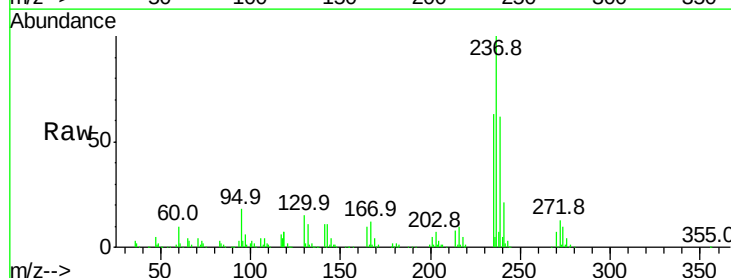
Tgt Ion:237 Resp: 256053

Ion Ratio Lower Upper

237 100

235 63.3 50.4 90.4

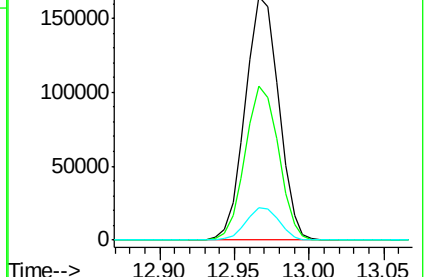
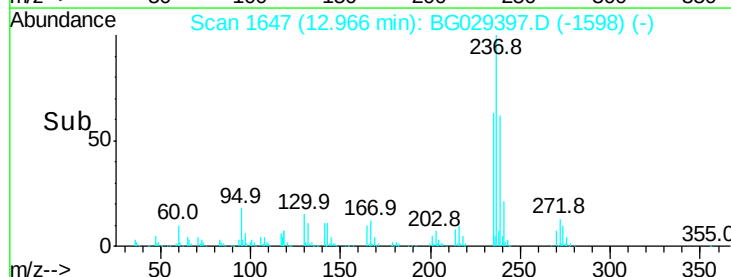
272 13.2 0.0 31.8

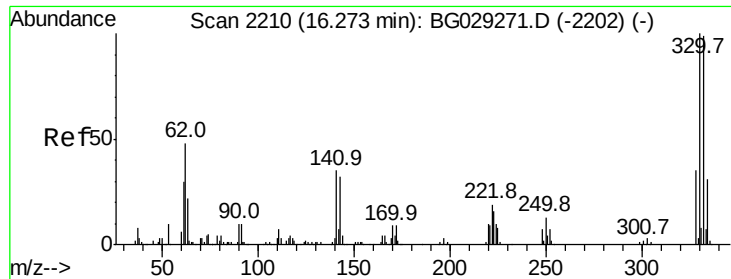


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

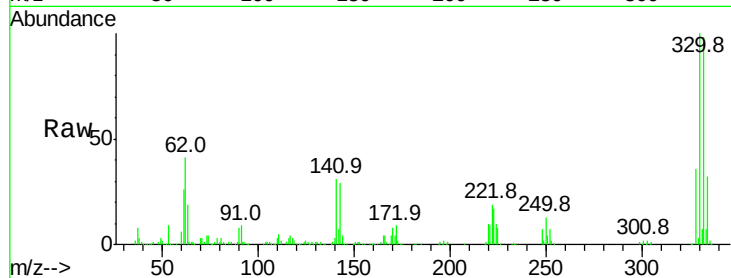




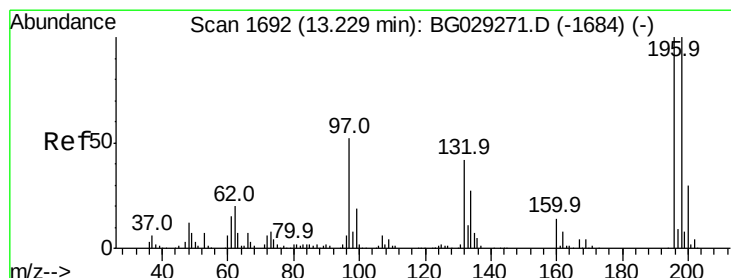
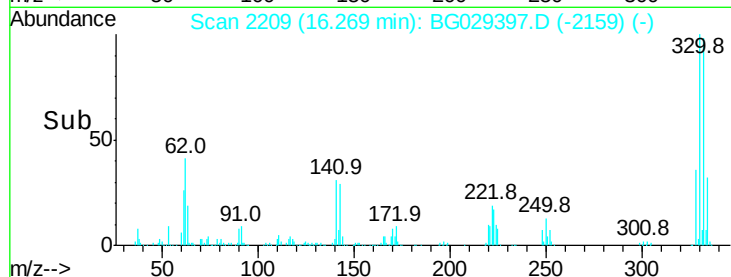
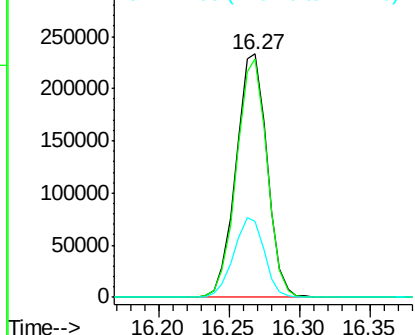
#41
 2,4,6-Tribromophenol
 Concen: 159.868 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	32.8	25.2	37.8

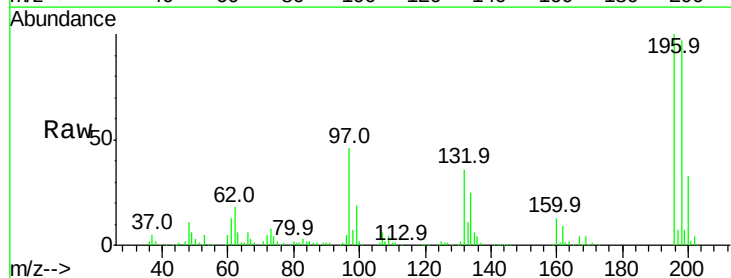


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

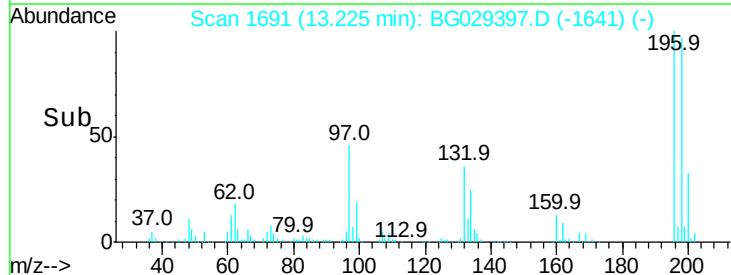
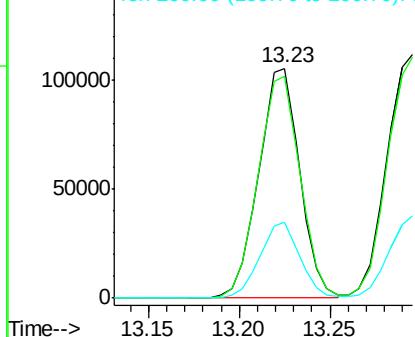


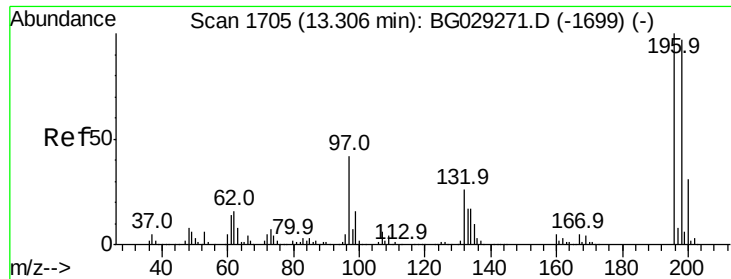
#42
 2,4,6-Trichlorophenol
 Concen: 41.673 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.8	78.2	117.2
200	32.9	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

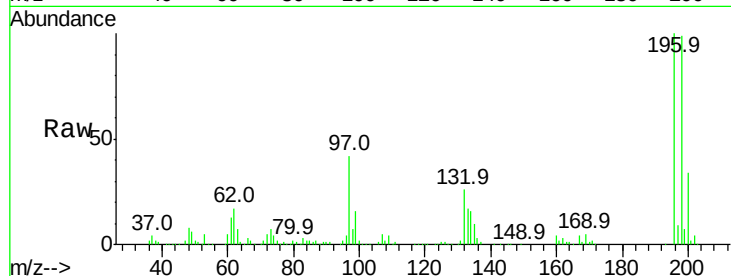




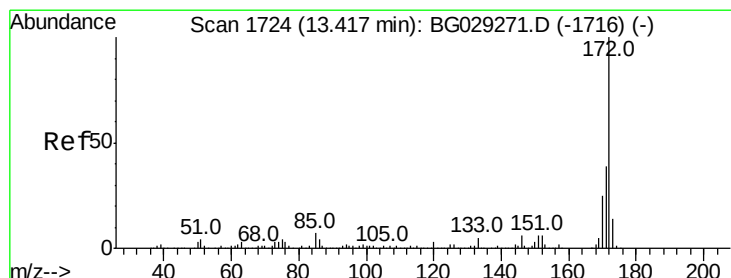
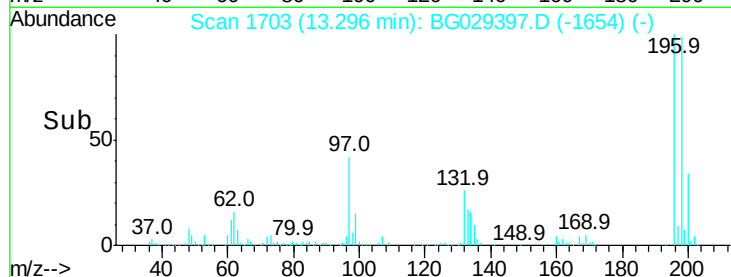
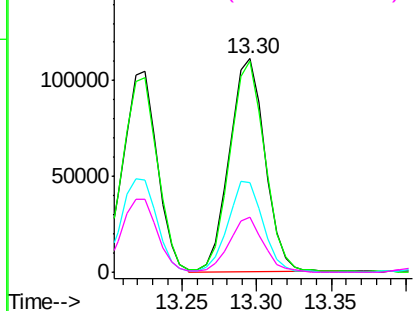
#43
 2,4,5-Trichlorophenol
 Concen: 45.309 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 184643
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.2 114.4
 97 42.0 38.7 58.1
 132 25.9 20.2 30.2

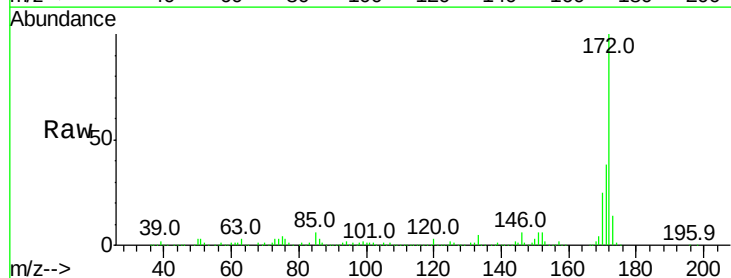


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

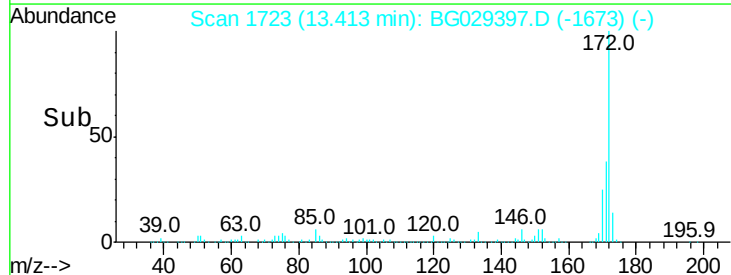
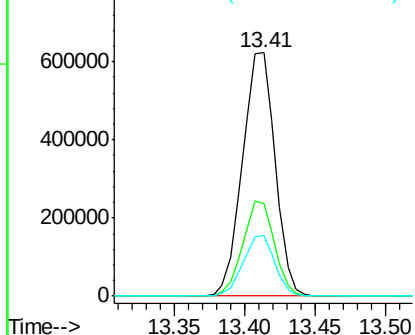


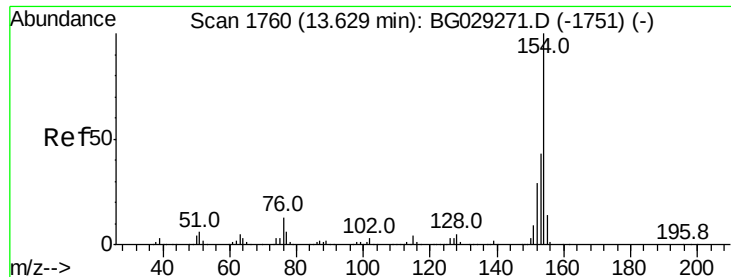
#44
 2-Fluorobiphenyl
 Concen: 85.592 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:172 Resp: 1010393
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.6 19.5 29.3



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





#45

1,1'-Biphenyl

Concen: 37.492 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

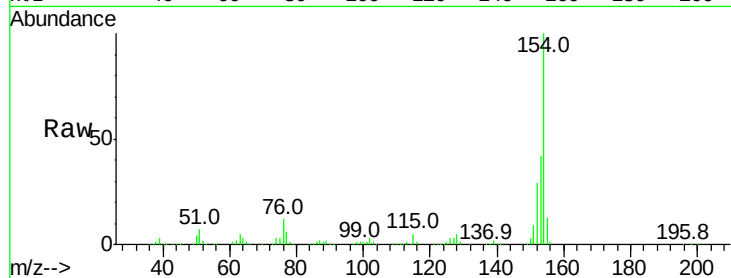
Tot Ion:154 Resp: 557939

Ion Ratio Lower Upper

154 100

153 42.4 19.8 59.8

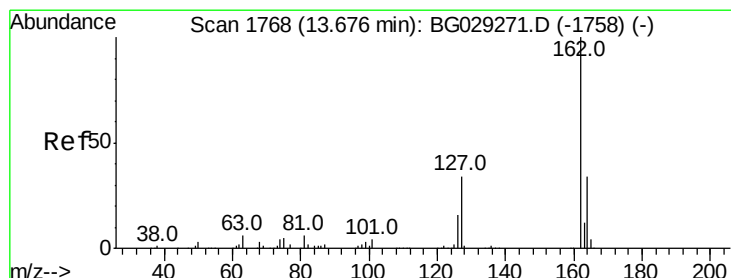
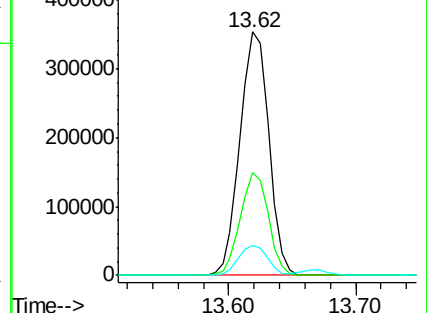
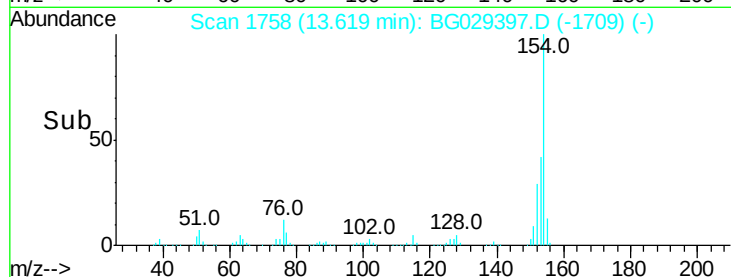
76 12.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.849 ng

RT: 13.67 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

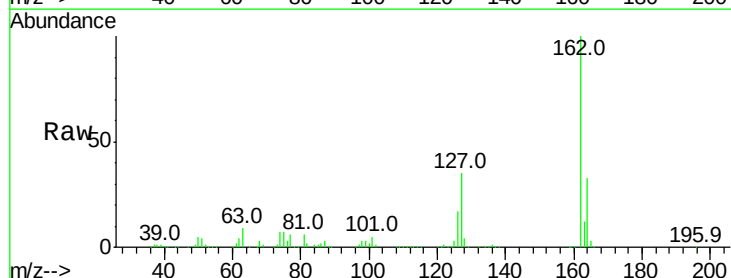
Tgt Ion:162 Resp: 432552

Ion Ratio Lower Upper

162 100

127 35.2 30.7 46.1

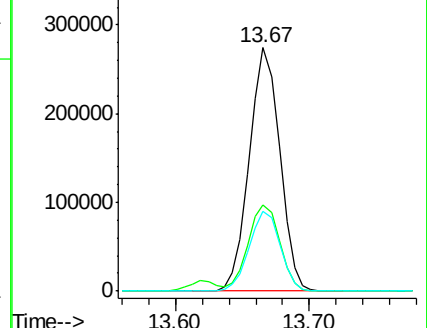
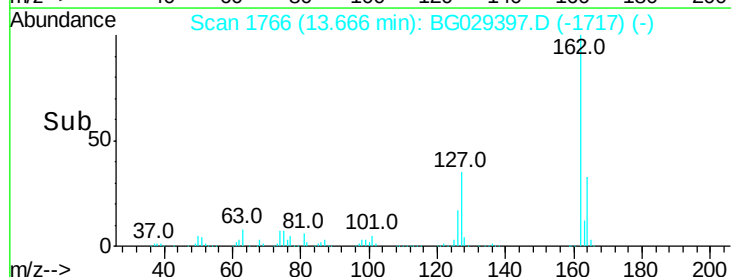
164 33.0 26.0 39.0

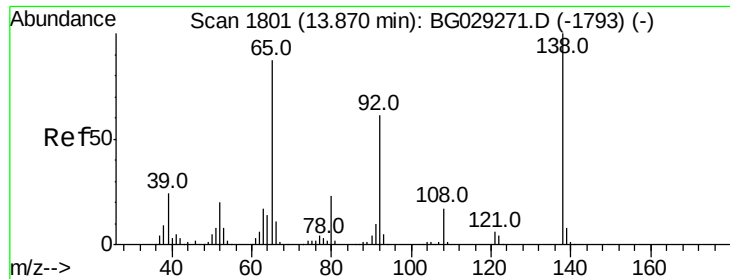


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.236 ng

RT: 13.86 min Scan# 1799

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampled :

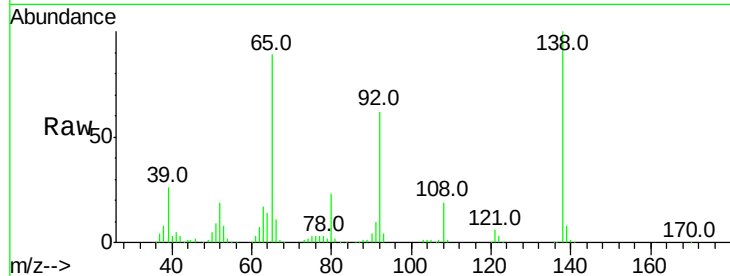
Tot Ion: 65 Resp: 140833

Ion Ratio Lower Upper

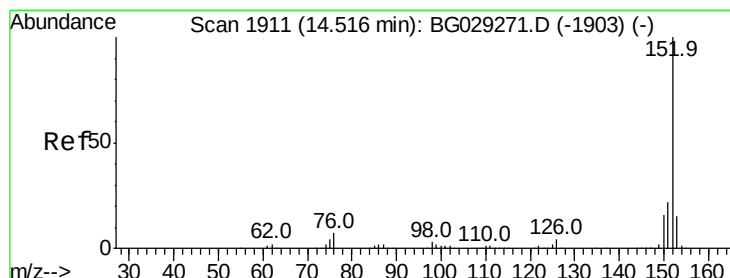
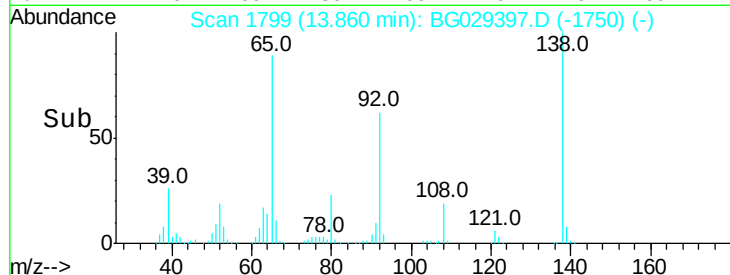
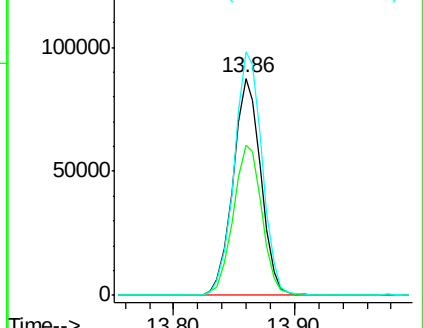
65 100

92 69.1 54.6 82.0

138 112.0 72.9 109.3#



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



#48

Acenaphthylene

Concen: 41.524 ng

RT: 14.51 min Scan# 1909

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

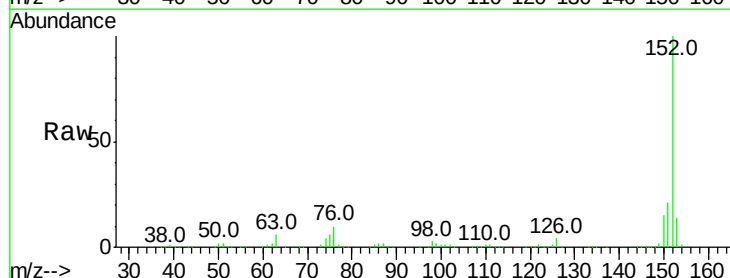
Tgt Ion: 152 Resp: 705422

Ion Ratio Lower Upper

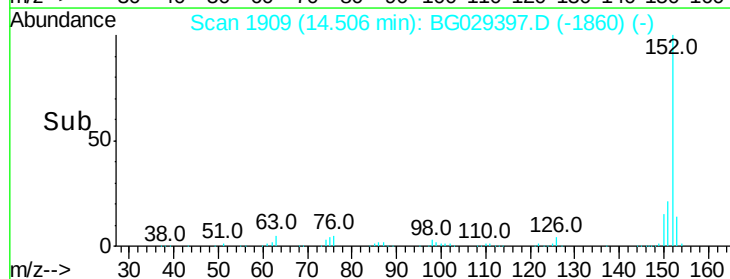
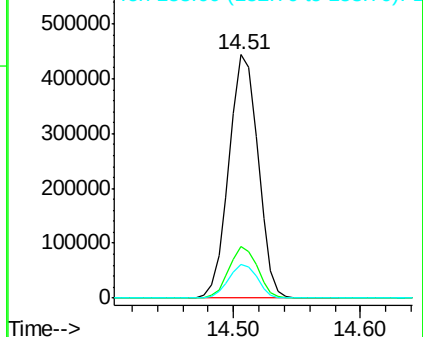
152 100

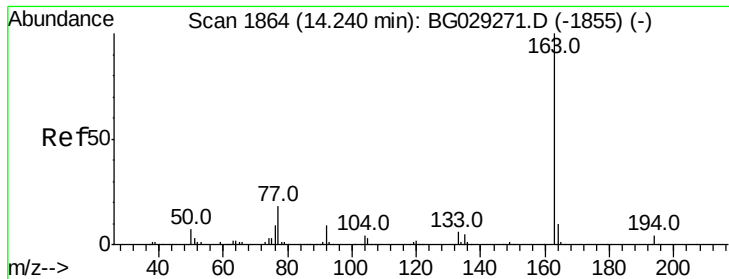
151 21.2 17.2 25.8

153 13.7 10.2 15.4



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





#49

Dimethylphthalate

Concen: 45.449 ng

RT: 14.23 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampled :

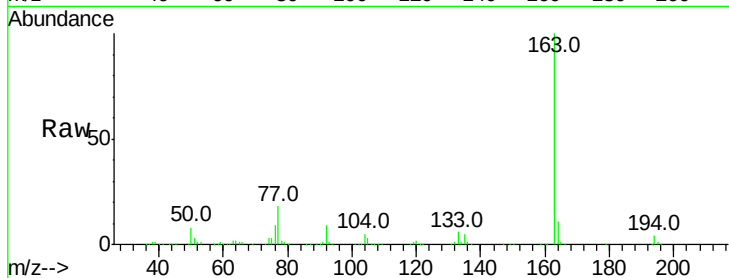
Tot Ion:163 Resp: 613946

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

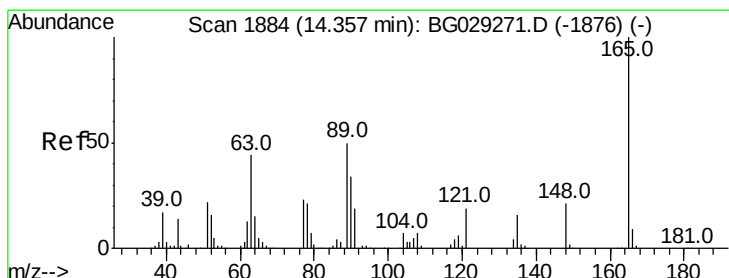
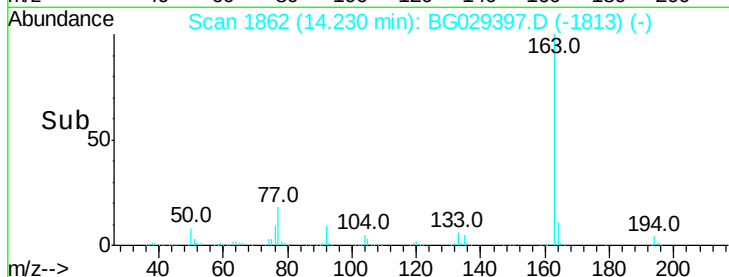
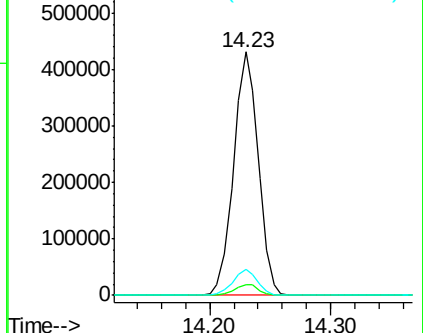
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.553 ng

RT: 14.35 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

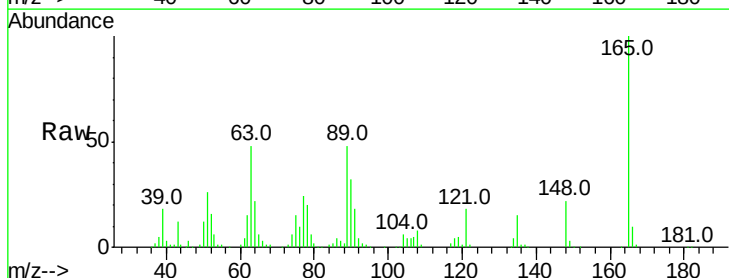
Tgt Ion:165 Resp: 137493

Ion Ratio Lower Upper

165 100

63 48.3 52.7 79.1#

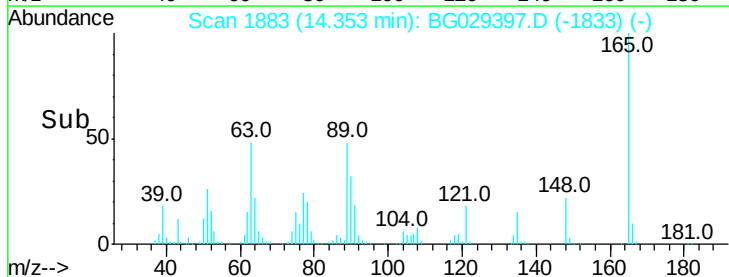
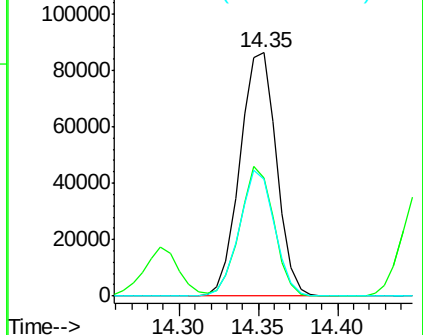
89 47.8 49.2 73.8#

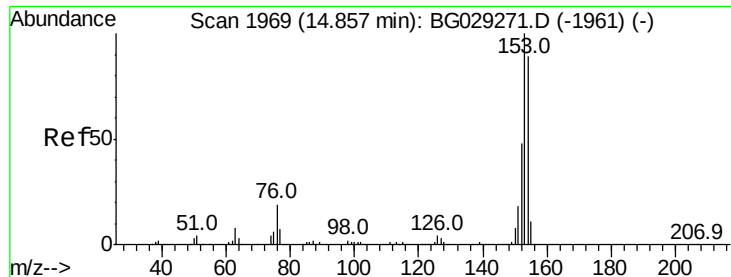


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 40.934 ng

RT: 14.85 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

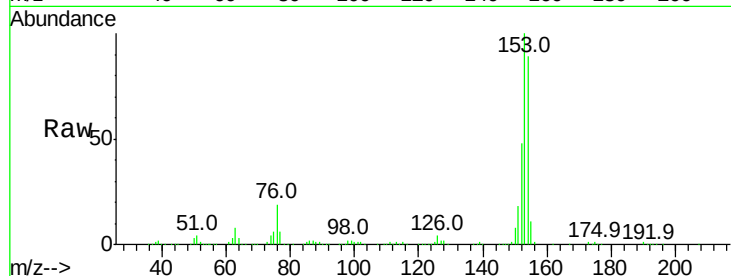
Tot Ion:154 Resp: 452446

Ion Ratio Lower Upper

154 100

153 112.9 90.4 135.6

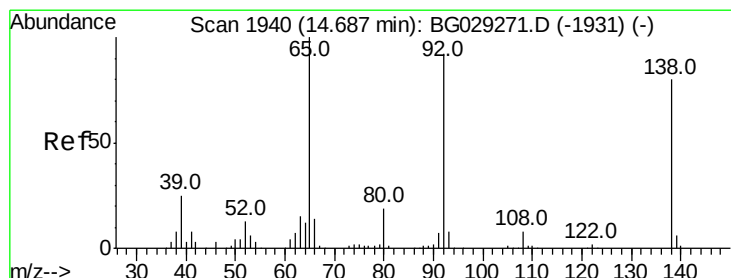
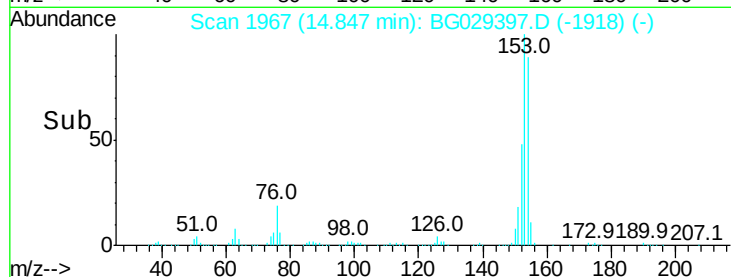
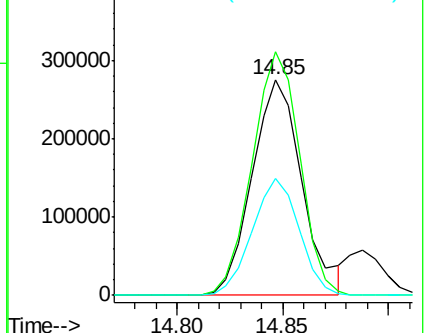
152 54.0 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.182 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

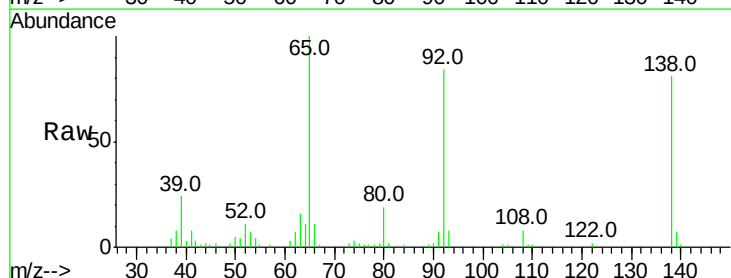
Tgt Ion:138 Resp: 37225

Ion Ratio Lower Upper

138 100

108 9.5 17.5 26.3#

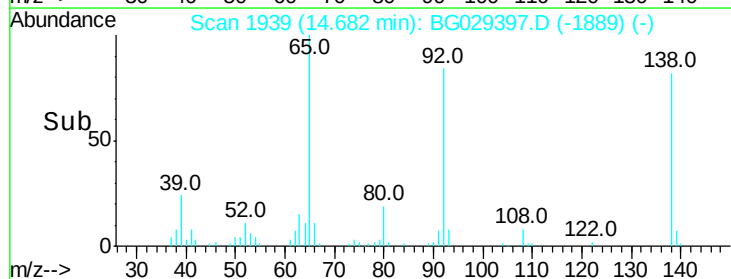
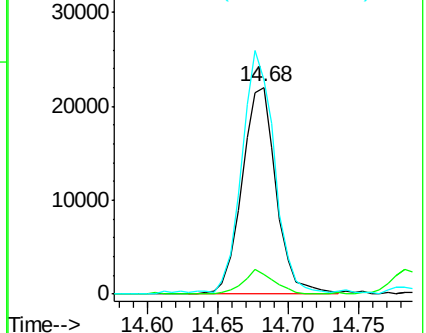
92 103.3 105.8 158.8#

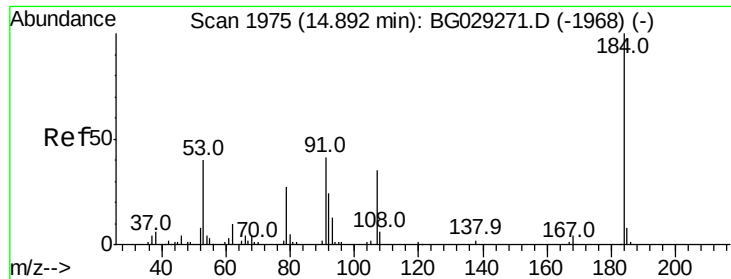


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

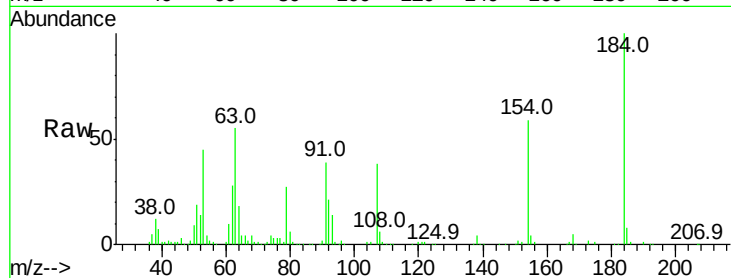




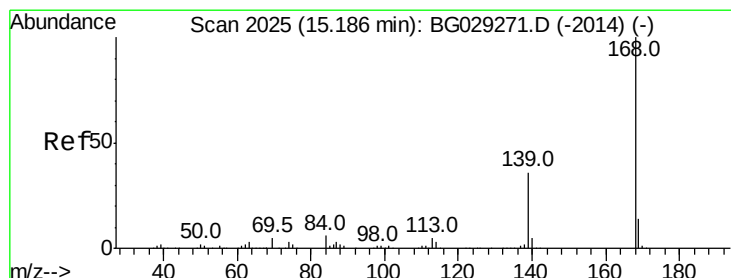
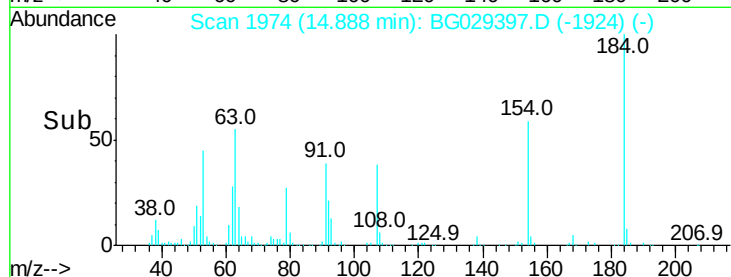
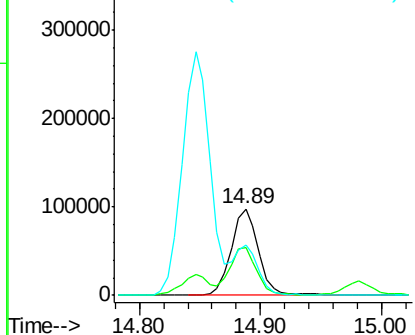
#53
 2,4-Dinitrophenol
 Concen: 96.814 ng
 RT: 14.89 min Scan# 1974
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:184 Resp: 153339
 Ion Ratio Lower Upper
 184 100
 63 55.4 59.8 89.8#
 154 58.9 101.8 152.8#

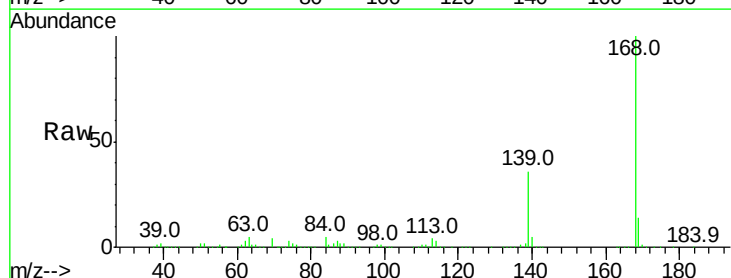


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

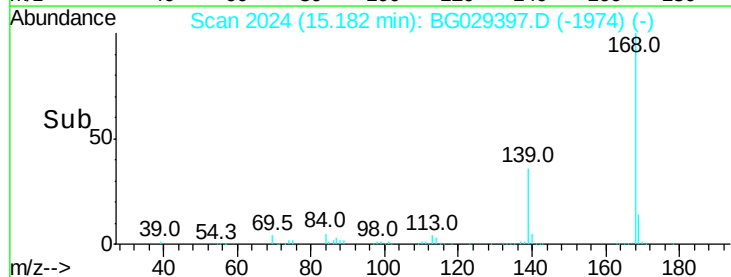
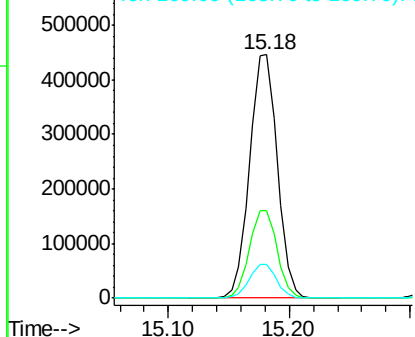


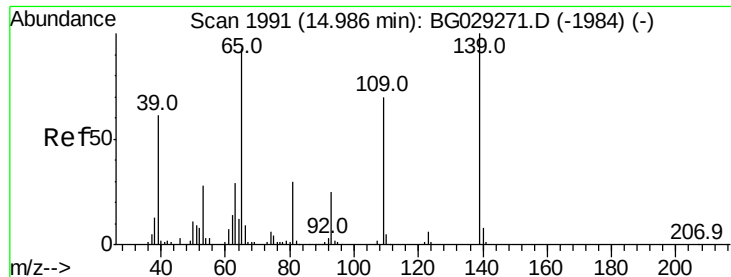
#54
 Dibenzofuran
 Concen: 45.155 ng
 RT: 15.18 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:168 Resp: 712508
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.6 43.0
 169 13.8 11.2 16.8



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

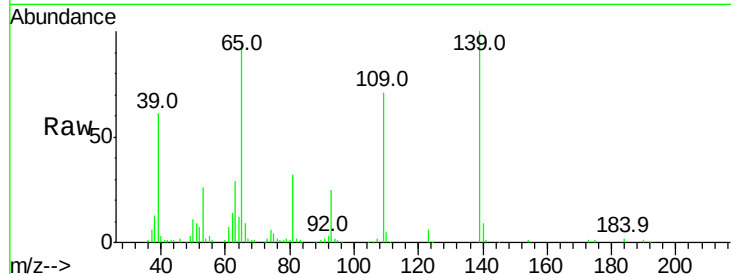




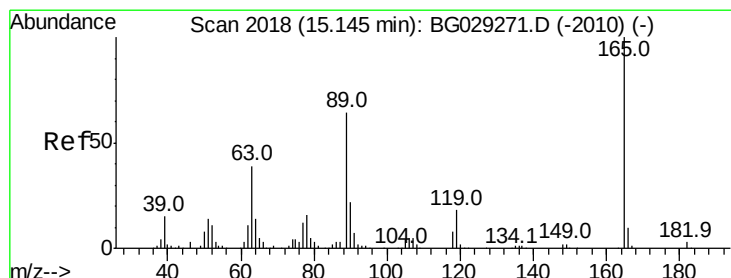
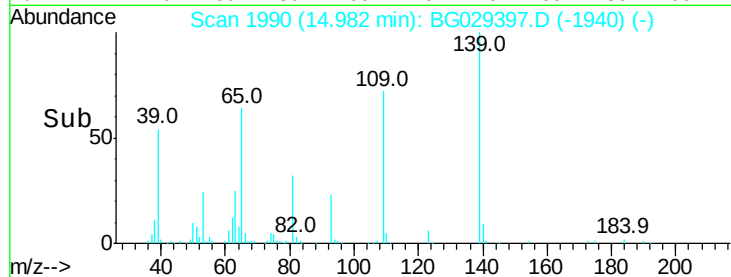
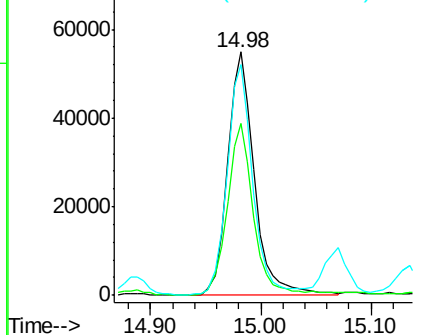
#55
4-Nitrophenol
Concen: 37.113 ng
RT: 14.98 min Scan# 1990
Delta R.T. -0.00 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 93496
Ion Ratio Lower Upper
139 100
109 70.6 62.2 102.2
65 94.8 97.2 137.2#

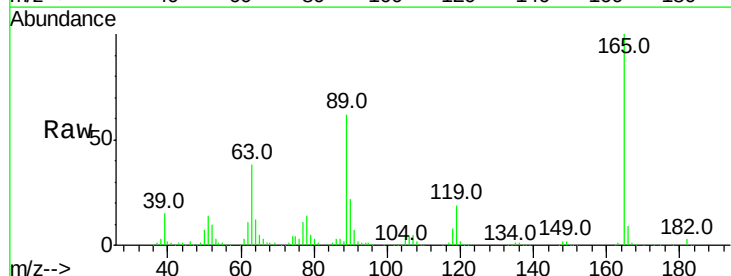


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

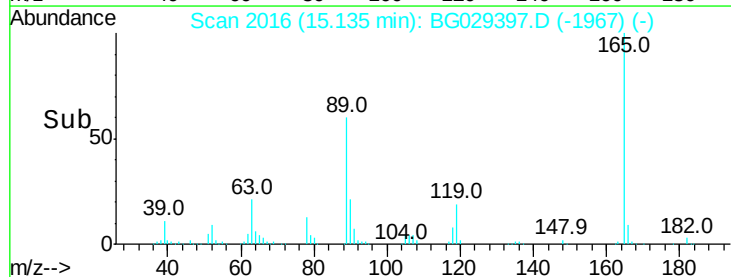
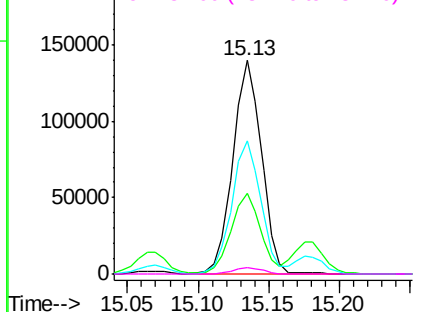


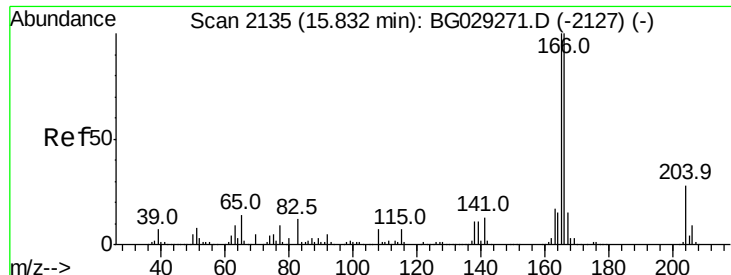
#56
2,4-Dinitrotoluene
Concen: 51.578 ng
RT: 15.13 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:165 Resp: 197721
Ion Ratio Lower Upper
165 100
63 37.6 42.0 63.0#
89 62.2 66.9 100.3#
182 2.9 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

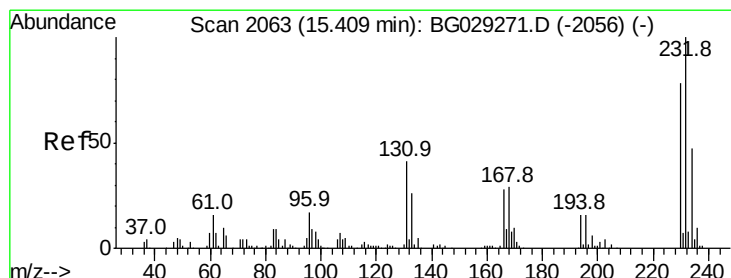
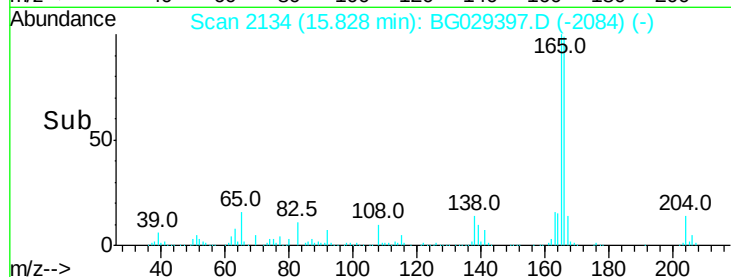
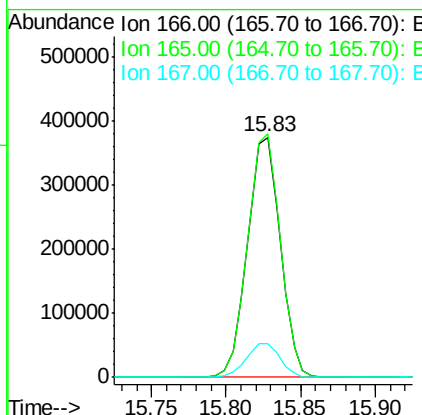
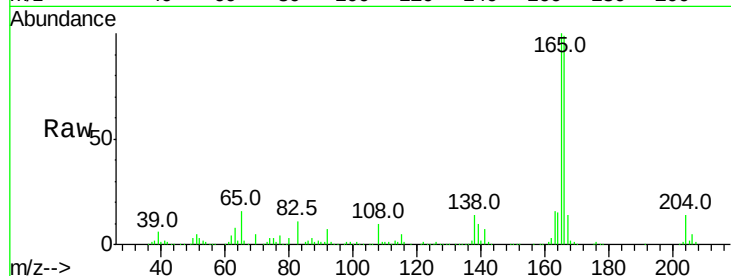




#57
 Fluorene
 Concen: 43.568 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

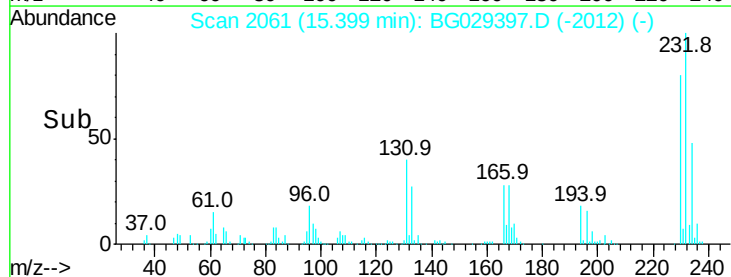
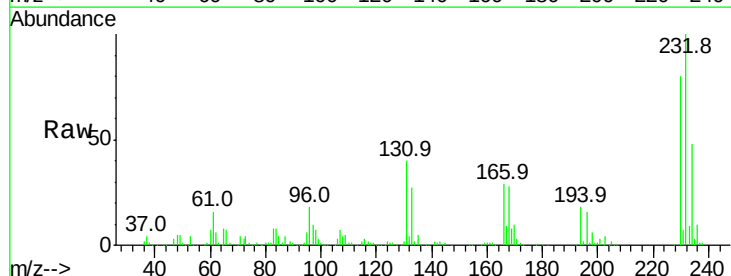
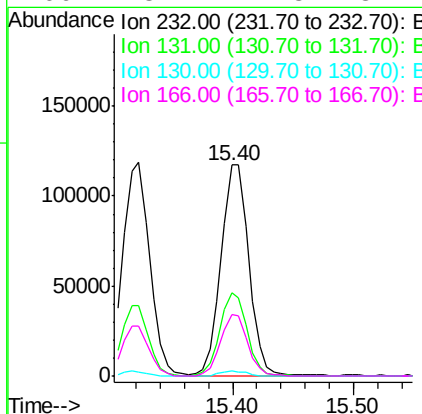
Instrument :
 BNA_G
 ClientSampleId :

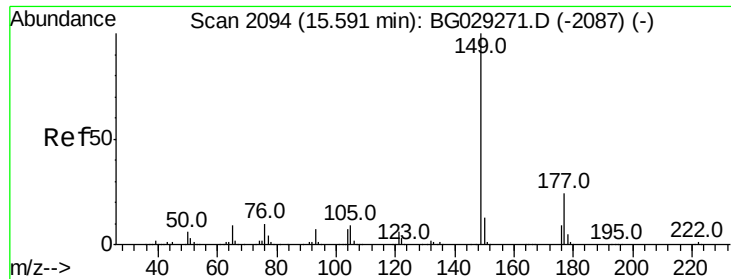
Tot Ion:166 Resp: 567916
 Ion Ratio Lower Upper
 166 100
 165 101.4 80.6 121.0
 167 14.2 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 54.827 ng
 RT: 15.40 min Scan# 2061
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:232 Resp: 186411
 Ion Ratio Lower Upper
 232 100
 131 38.9 33.5 50.3
 130 2.3 2.2 3.2
 166 28.4 24.8 37.2

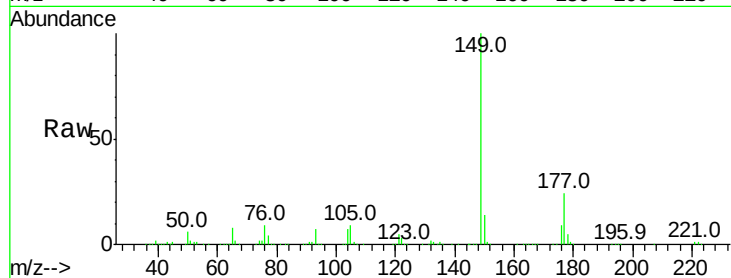




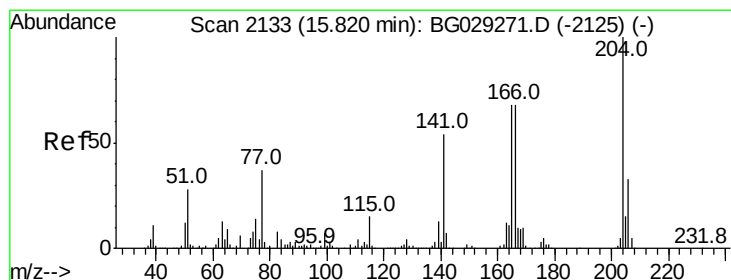
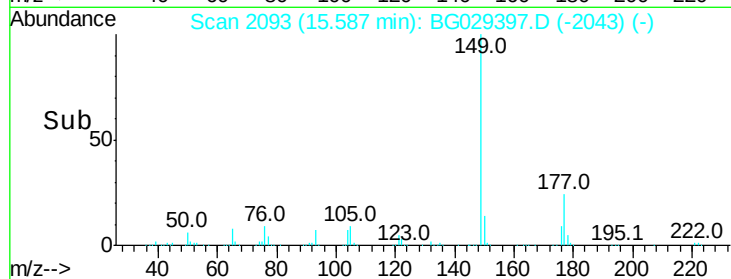
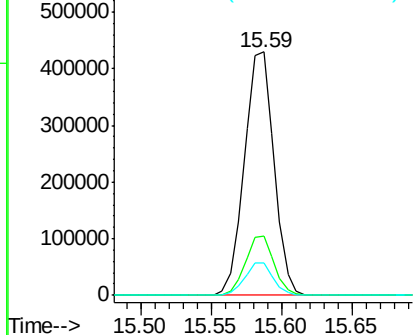
#59
Diethylphthalate
Concen: 46.670 ng
RT: 15.59 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 628298
Ion Ratio Lower Upper
149 100
177 24.3 18.5 27.7
150 13.5 10.2 15.2

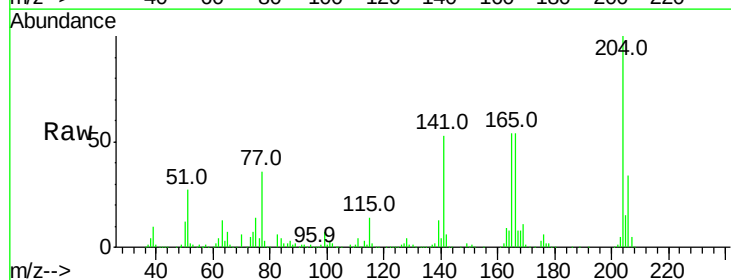


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

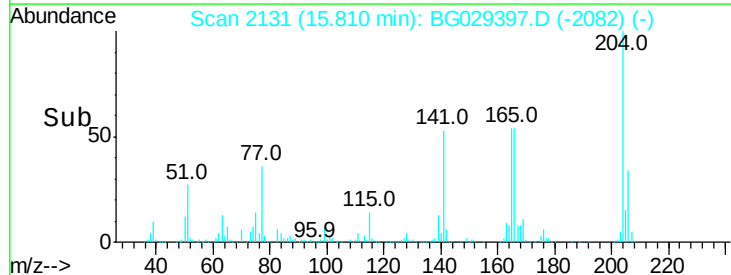
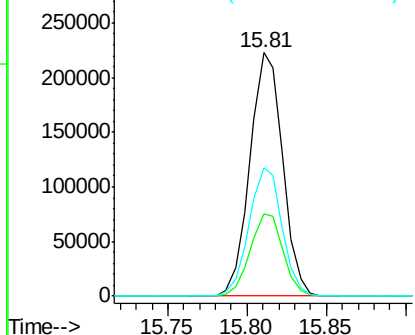


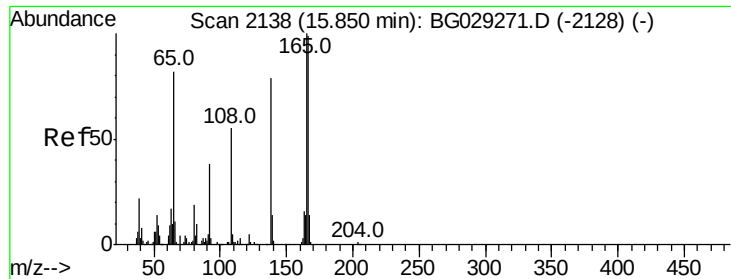
#60
4-Chlorophenyl-phenylether
Concen: 46.050 ng
RT: 15.81 min Scan# 2131
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:204 Resp: 320045
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 52.7 45.8 68.6



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

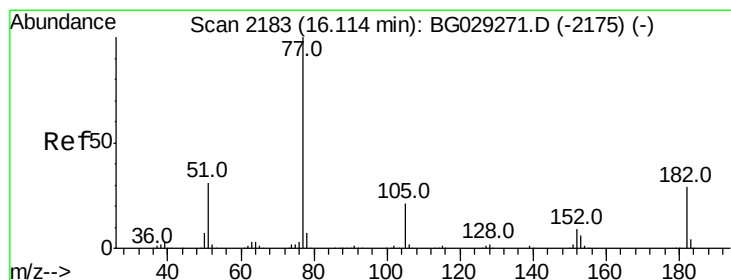
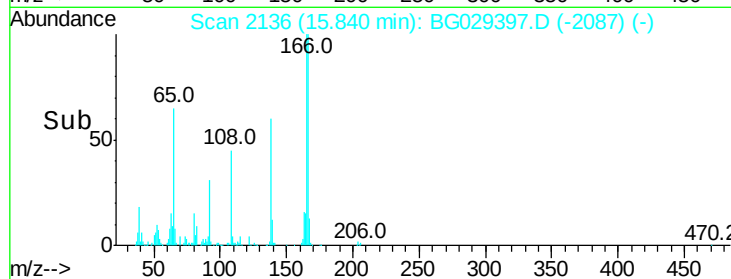
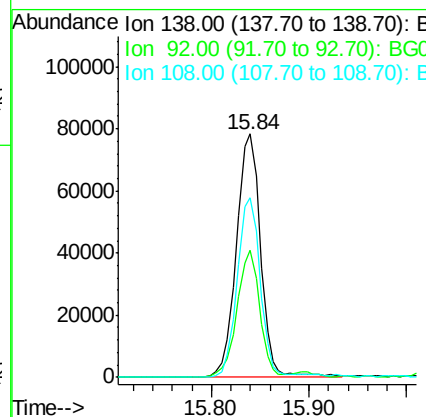
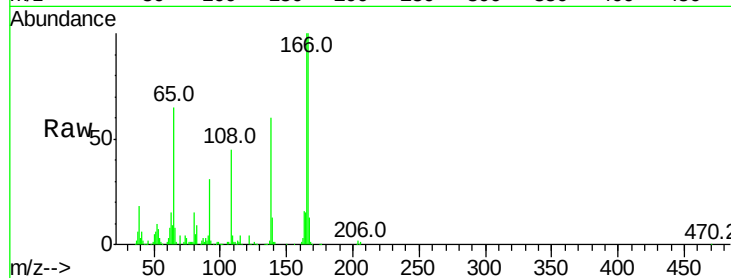




#61
4-Nitroaniline
Concen: 43.233 ng
RT: 15.84 min Scan# 2136
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

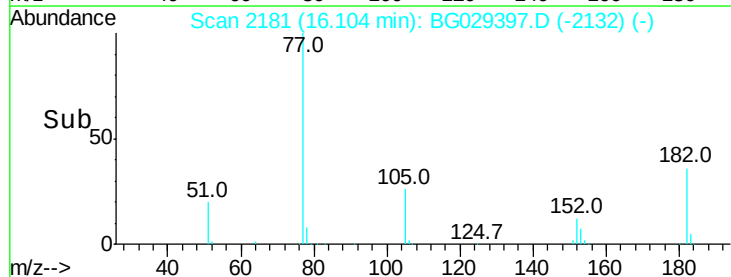
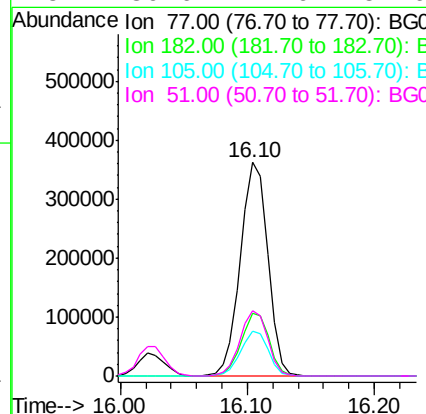
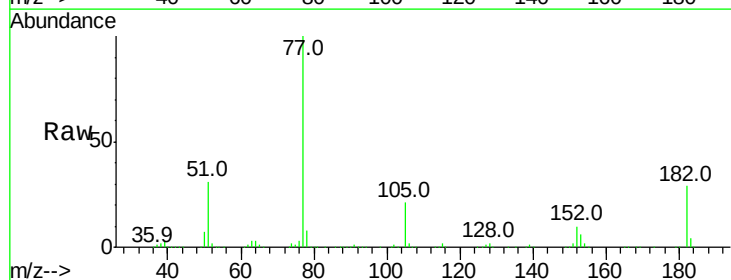
Instrument :
BNA_G
ClientSampleId :

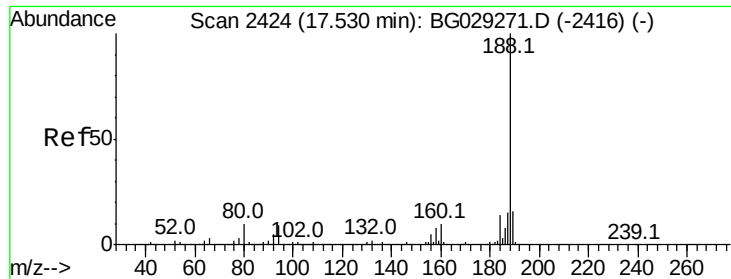
Tot Ion:138 Resp: 135652
Ion Ratio Lower Upper
138 100
92 52.1 40.1 80.1
108 73.9 65.4 105.4



#62
Azobenzene
Concen: 47.662 ng
RT: 16.10 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion: 77 Resp: 541079
Ion Ratio Lower Upper
77 100
182 29.4 7.4 47.4
105 21.0 0.3 40.3
51 30.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

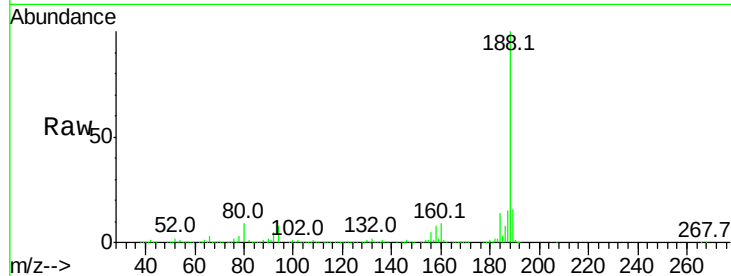
Tot Ion:188 Resp: 436362

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

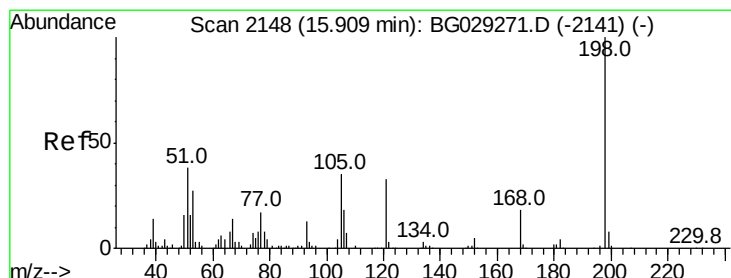
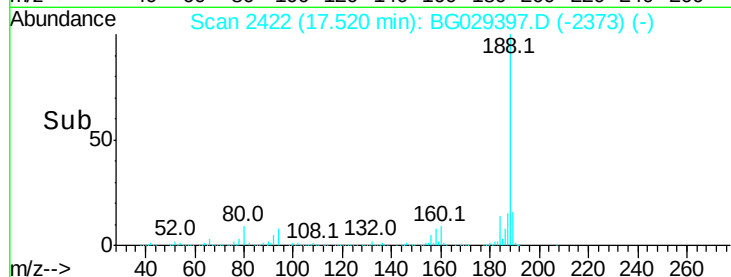
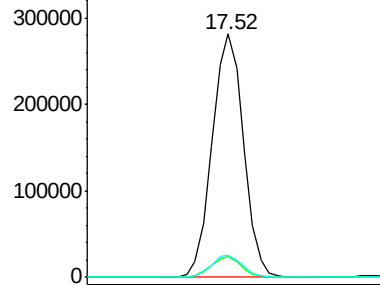
80 9.3 7.7 11.5



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: 43.645 ng

RT: 15.90 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

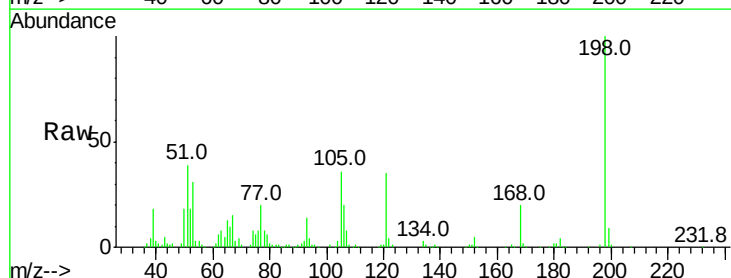
Tgt Ion:198 Resp: 107045

Ion Ratio Lower Upper

198 100

51 38.8 30.6 70.6

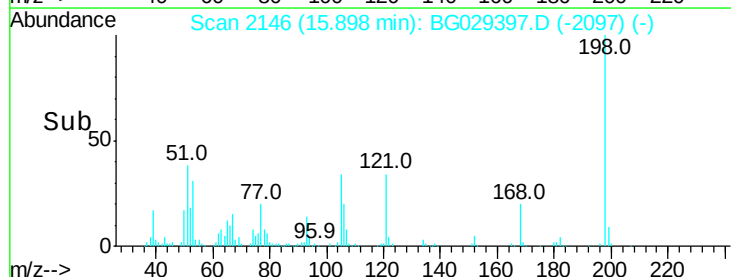
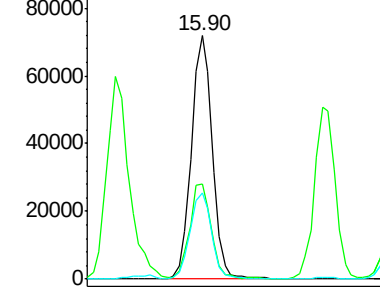
105 35.6 23.8 63.8

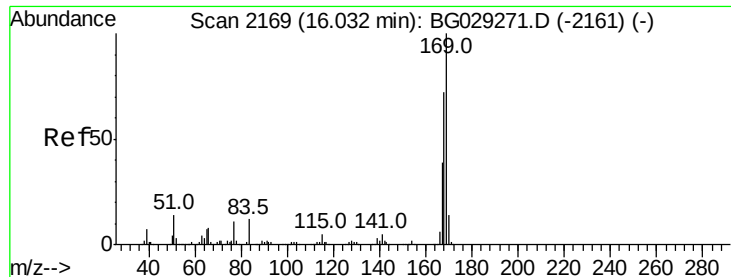


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.443 ng

RT: 16.03 min Scan# 2168

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

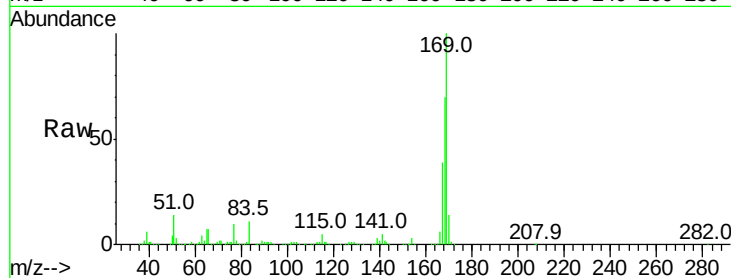
Tot Ion:169 Resp: 541729

Ion Ratio Lower Upper

169 100

168 70.0 55.7 83.5

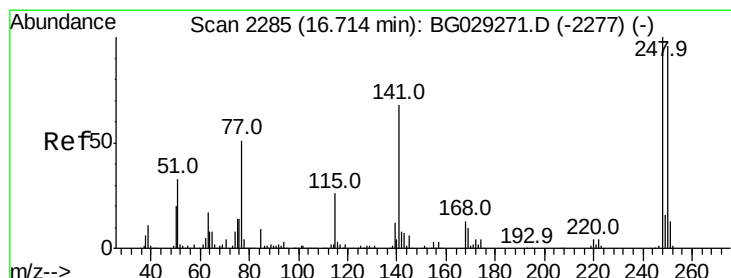
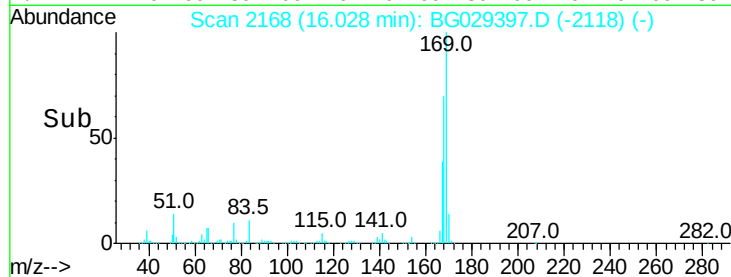
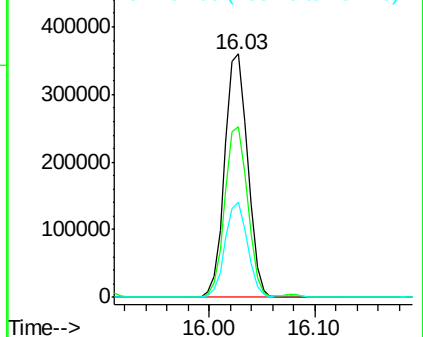
167 38.8 30.1 45.1



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: 44.015 ng

RT: 16.70 min Scan# 2283

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

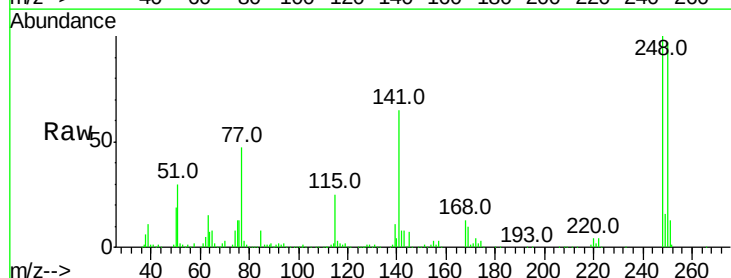
Tgt Ion:248 Resp: 220393

Ion Ratio Lower Upper

248 100

250 97.0 77.1 115.7

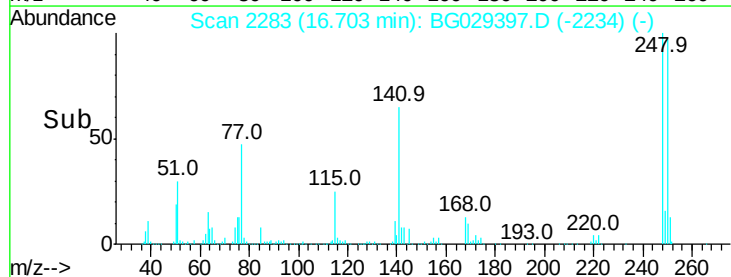
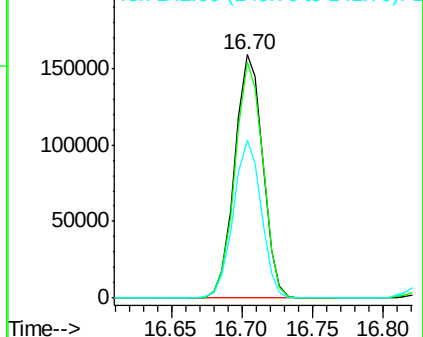
141 65.0 50.8 76.2

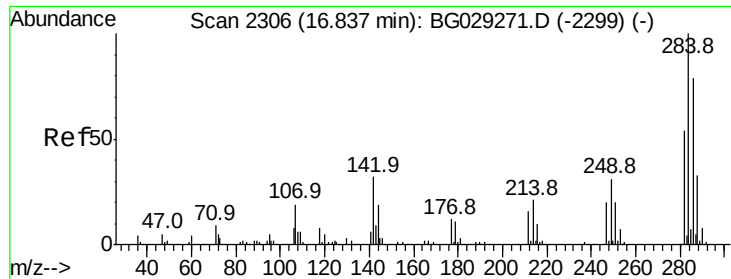


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 41.918 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

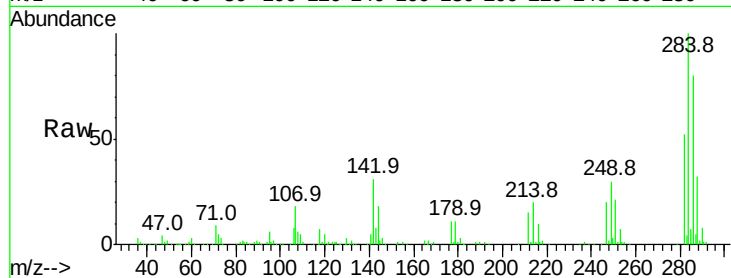
Tot Ion:284 Resp: 237748

Ion Ratio Lower Upper

284 100

142 30.7 26.8 40.2

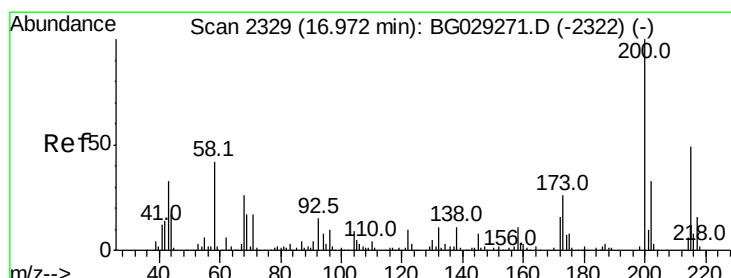
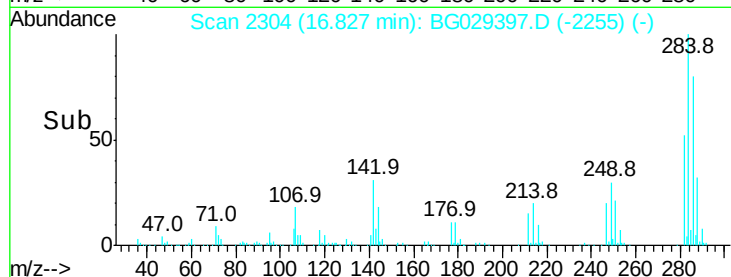
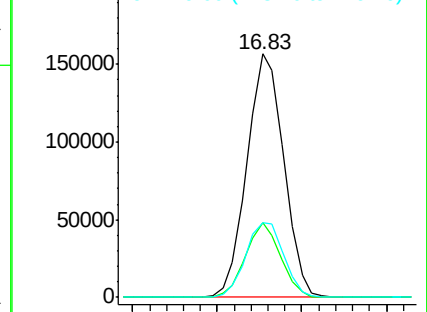
249 30.5 26.3 39.5



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: 46.948 ng

RT: 16.97 min Scan# 2328

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

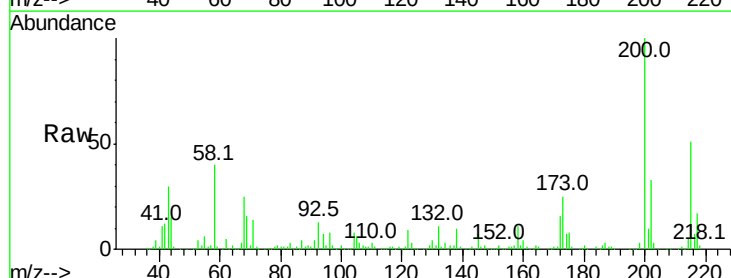
Tgt Ion:200 Resp: 218970

Ion Ratio Lower Upper

200 100

173 25.2 5.2 45.2

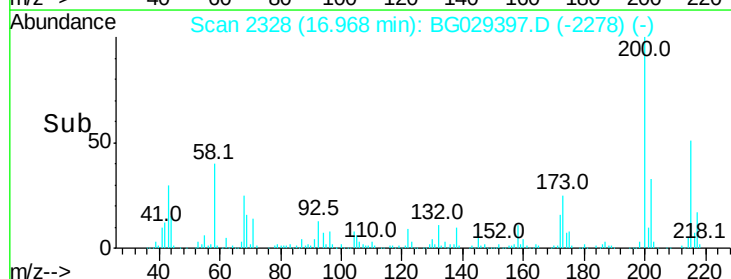
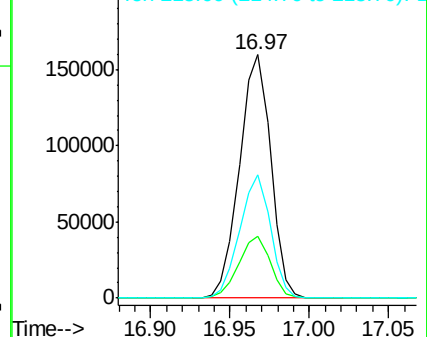
215 50.9 30.4 70.4

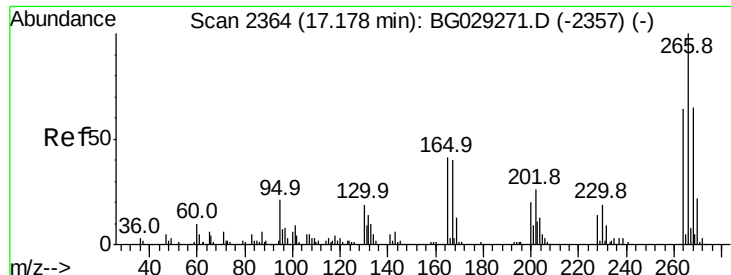


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 90.053 ng

RT: 17.17 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

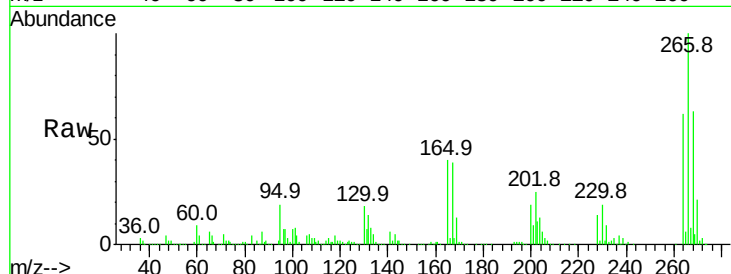
Tot Ion:266 Resp: 293408

Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

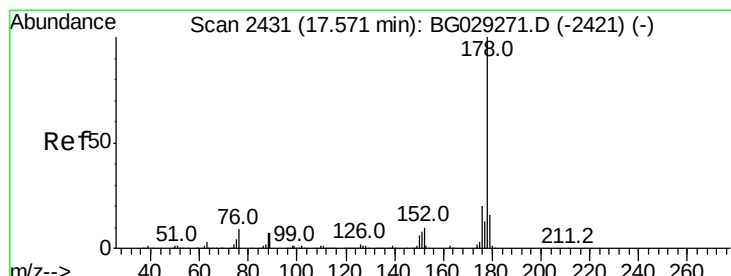
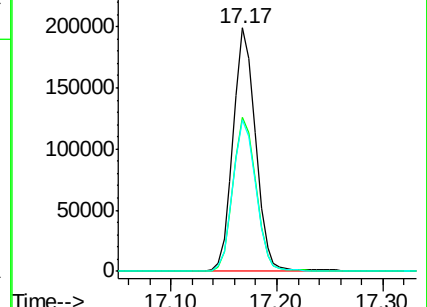
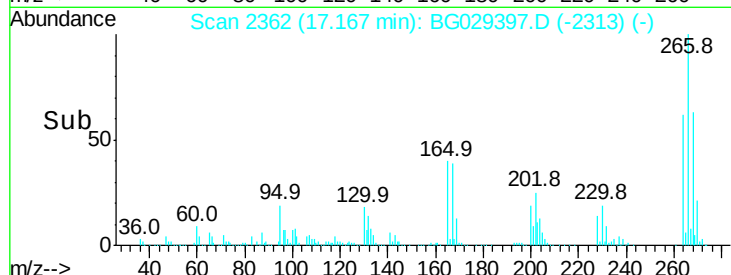
264 62.1 49.6 74.4



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: 43.509 ng

RT: 17.56 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

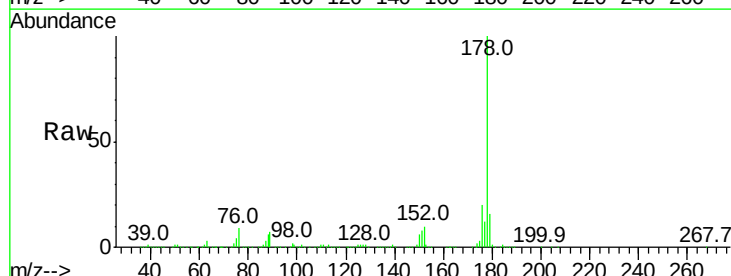
Tgt Ion:178 Resp: 980798

Ion Ratio Lower Upper

178 100

176 20.5 15.7 23.5

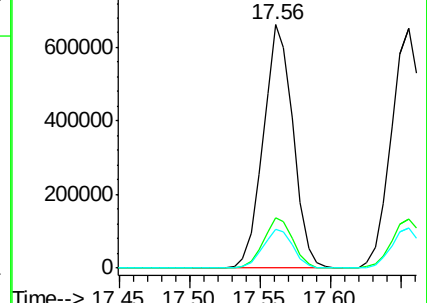
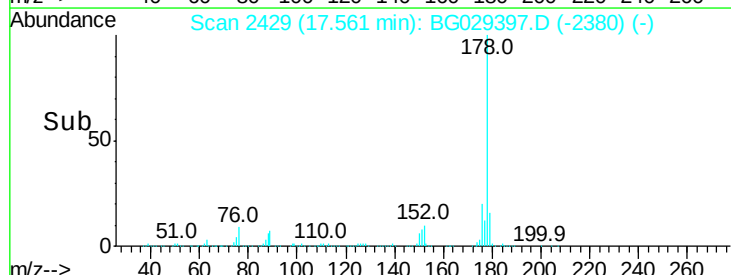
179 15.7 12.5 18.7

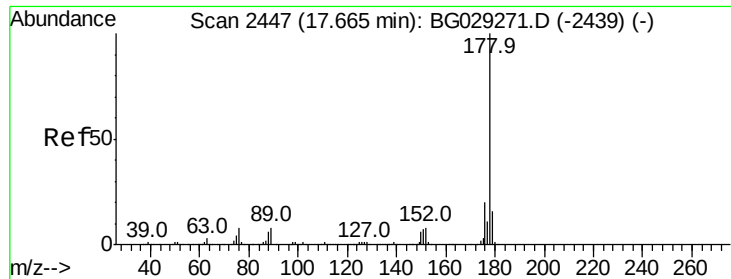


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

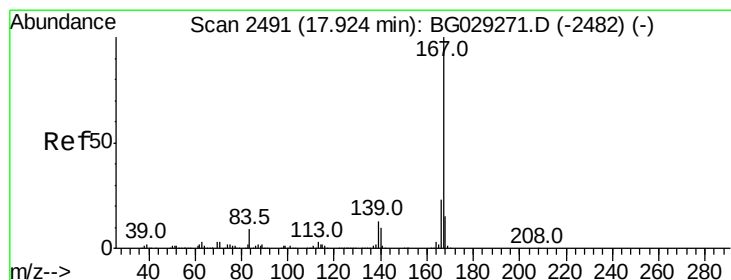
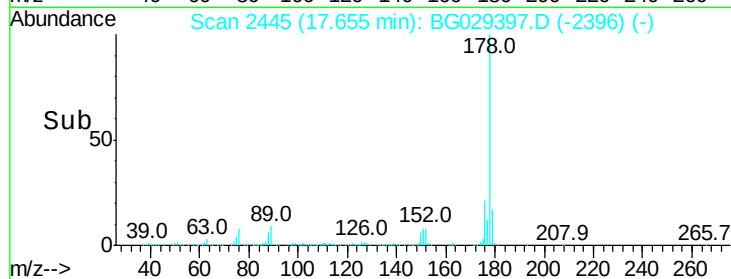
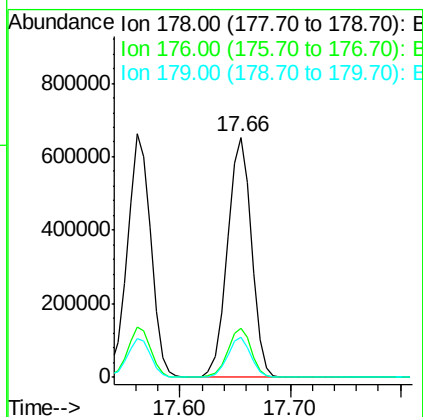
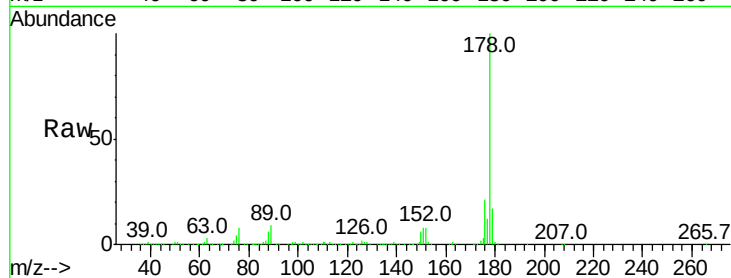




#71
 Anthracene
 Concen: 43.957 ng
 RT: 17.66 min Scan# 2445
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

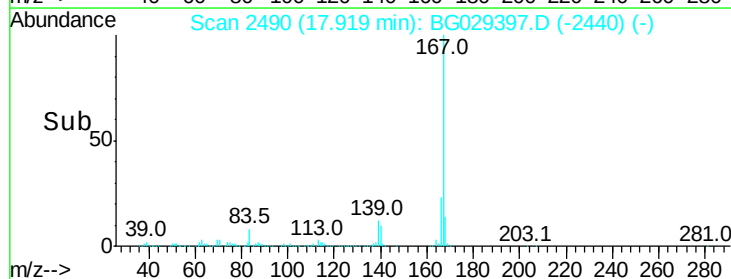
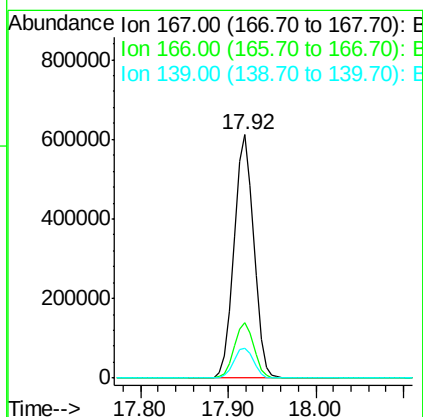
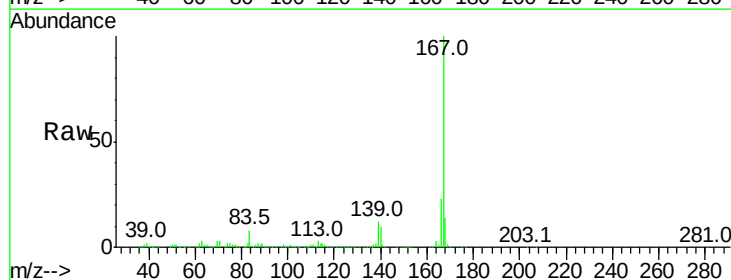
Instrument :
 BNA_G
 ClientSampleId :

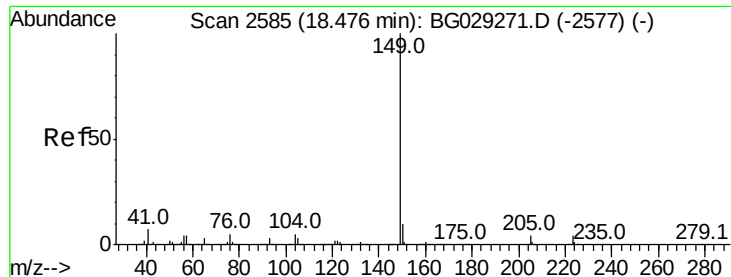
Tot Ion:178 Resp: 994990
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.0 24.0
 179 16.7 12.5 18.7



#72
 Carbazole
 Concen: 42.835 ng
 RT: 17.92 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:167 Resp: 931419
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 12.5 9.4 14.2





#73

Di-n-butylphthalate

Concen: 43.962 ng

RT: 18.47 min Scan# 2583

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

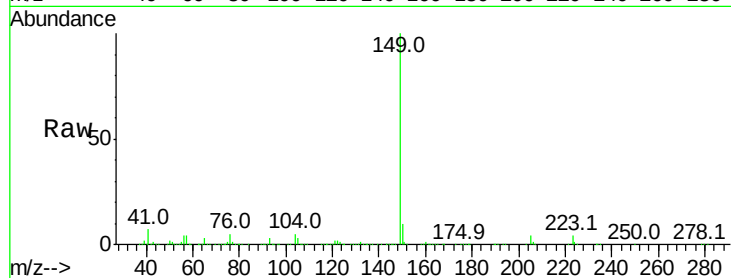
Tot Ion:149 Resp: 1099428

Ion Ratio Lower Upper

149 100

150 9.9 7.8 11.6

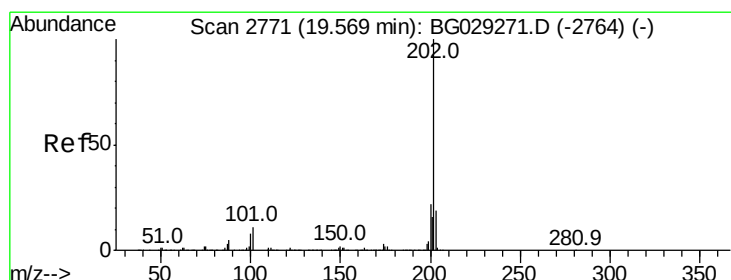
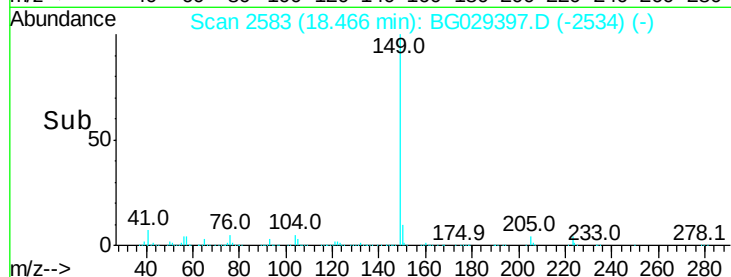
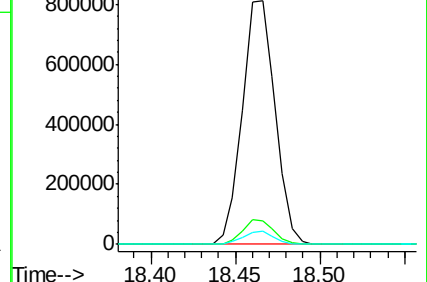
104 5.3 3.9 5.9



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: 46.038 ng

RT: 19.56 min Scan# 2769

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

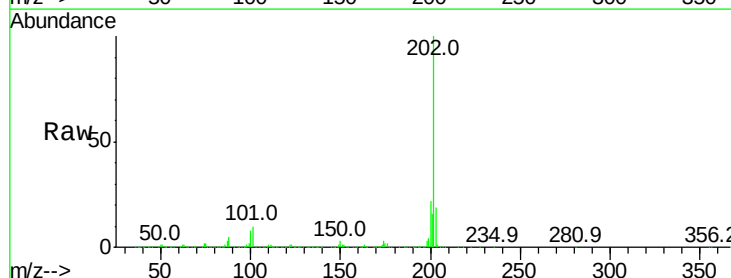
Tgt Ion:202 Resp: 1213873

Ion Ratio Lower Upper

202 100

101 9.9 0.0 28.9

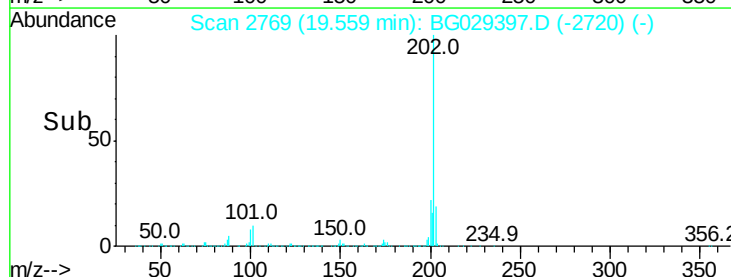
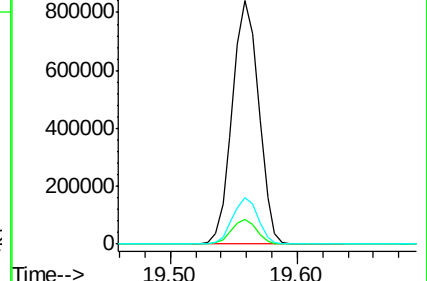
203 18.9 0.0 37.5

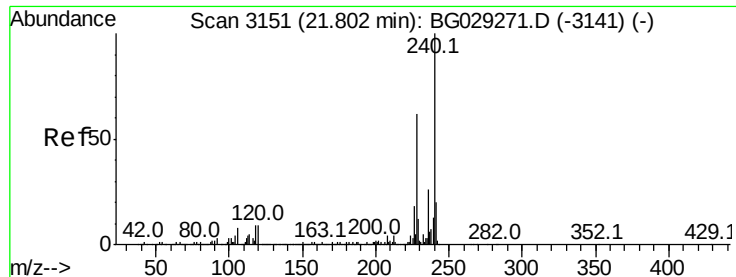


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

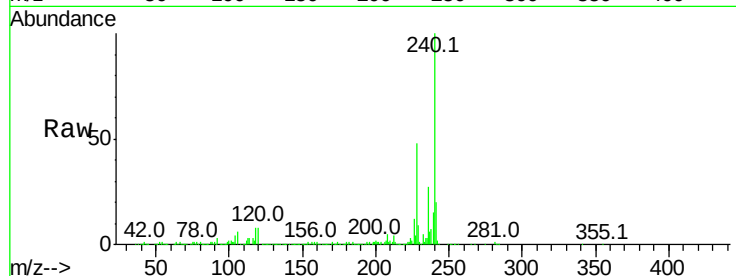
Tot Ion:240 Resp: 476855

Ion Ratio Lower Upper

240 100

120 8.4 6.8 10.2

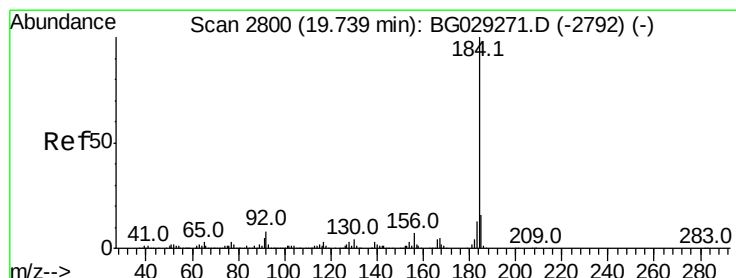
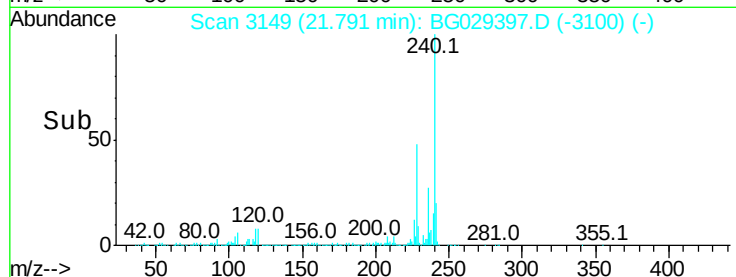
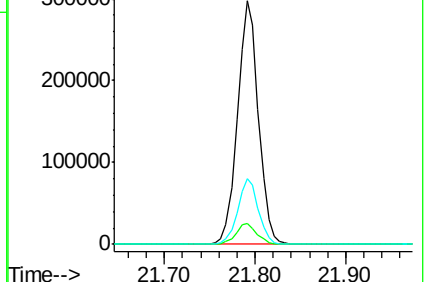
236 27.2 20.9 31.3



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: 24.053 ng

RT: 19.73 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

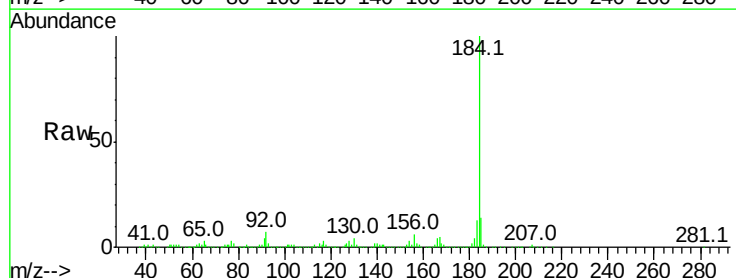
Tgt Ion:184 Resp: 346313

Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

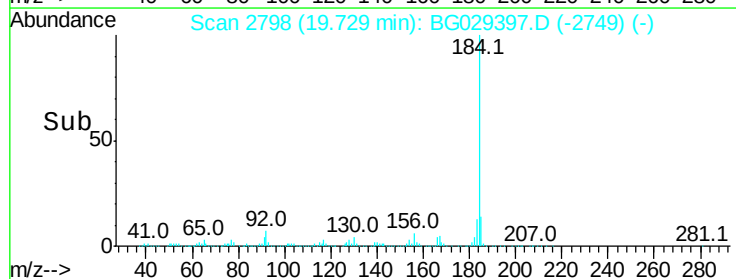
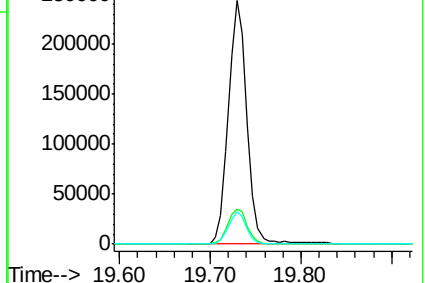
183 13.3 10.6 16.0

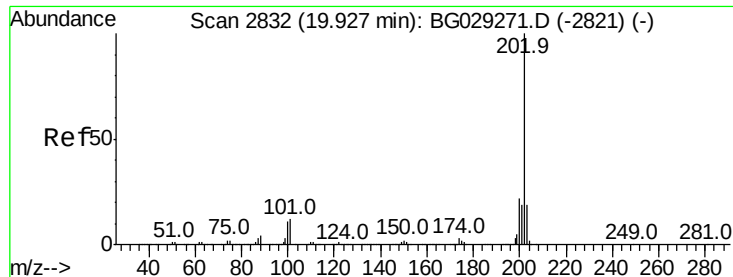


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



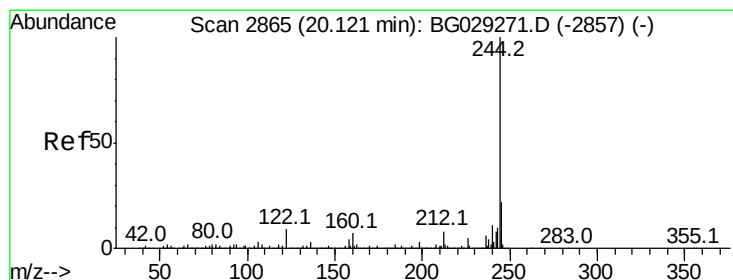
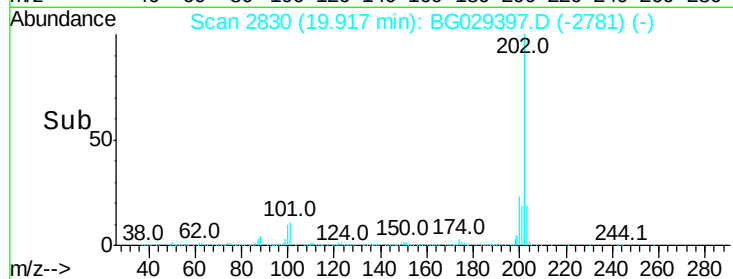
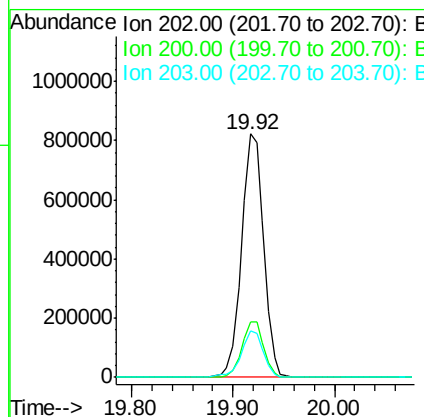
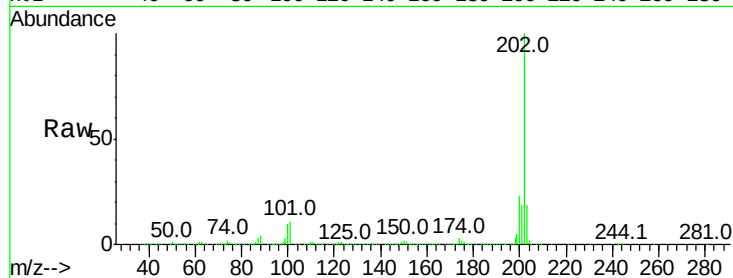


#77
 Pvrene
 Concen: 42.776 ng
 RT: 19.92 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:202 Resp: 1237387

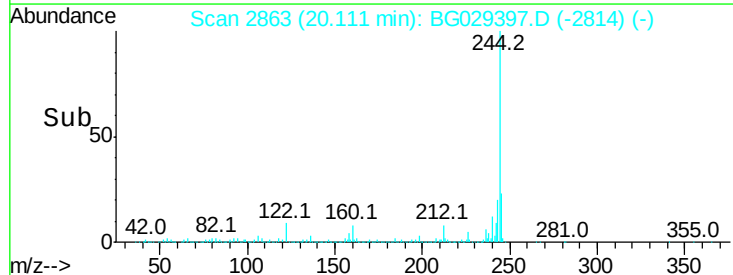
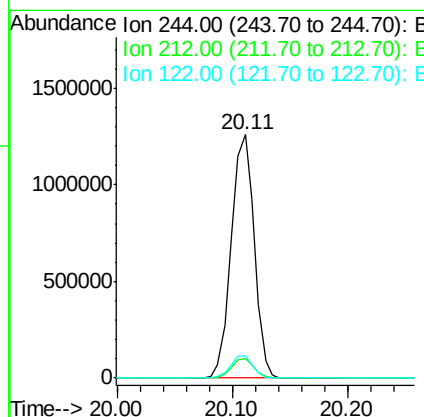
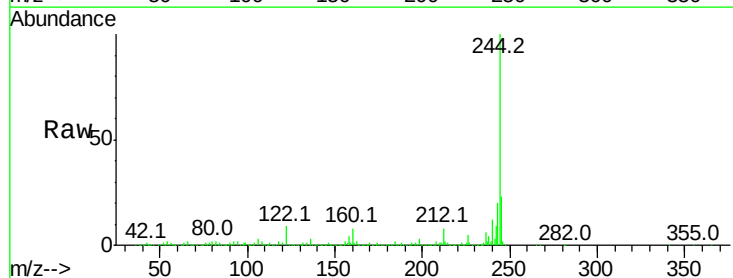
Ion	Ratio	Lower	Upper
202	100		
200	22.7	16.9	25.3
203	18.9	13.9	20.9

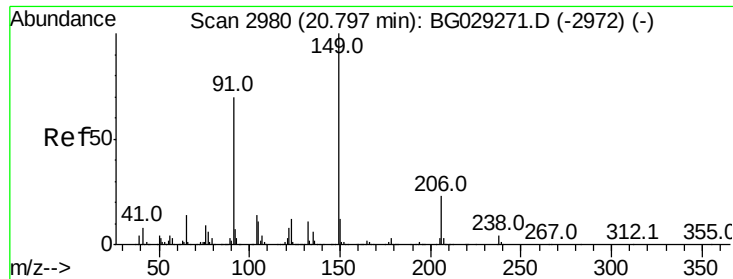


#78
 Terphenyl-d14
 Concen: 82.652 ng
 RT: 20.11 min Scan# 2863
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:244 Resp: 1732495

Ion	Ratio	Lower	Upper
244	100		
212	8.2	5.8	8.8
122	9.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 42.396 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.00 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampled :

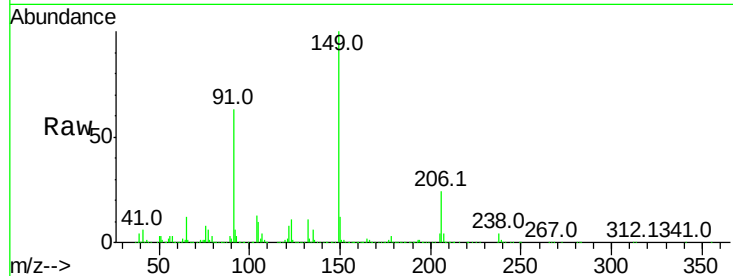
Tot Ion:149 Resp: 522491

Ion Ratio Lower Upper

149 100

91 63.4 62.2 93.2

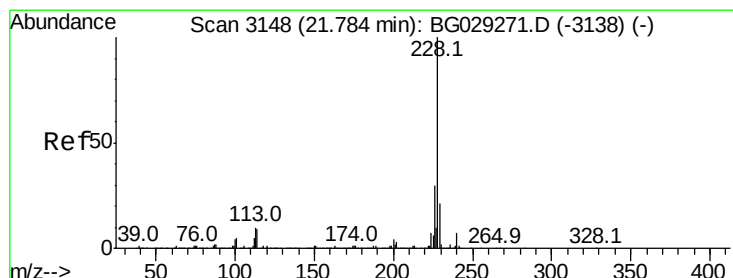
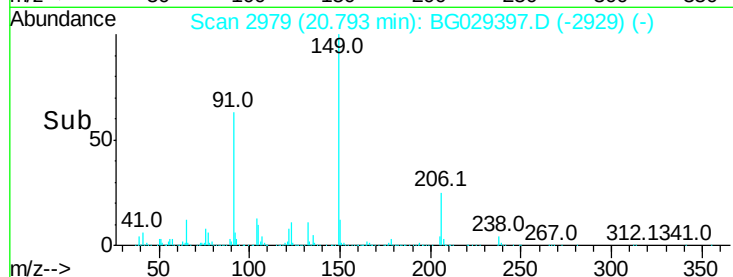
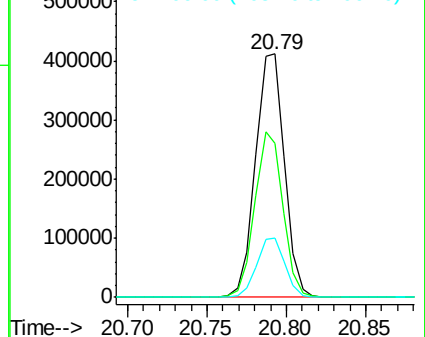
206 24.5 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.249 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

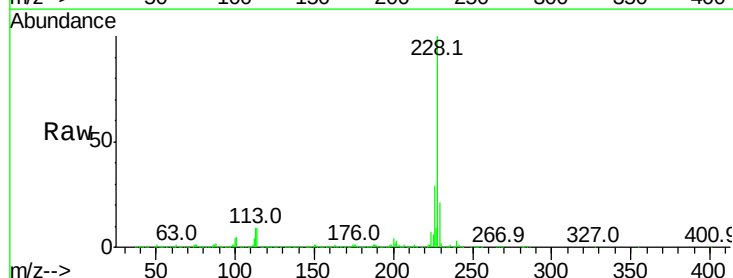
Tgt Ion:228 Resp: 1238840

Ion Ratio Lower Upper

228 100

226 29.0 22.7 34.1

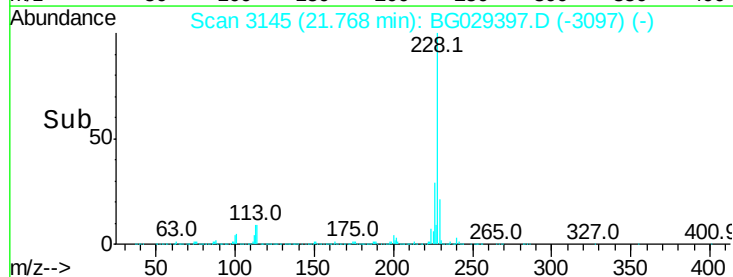
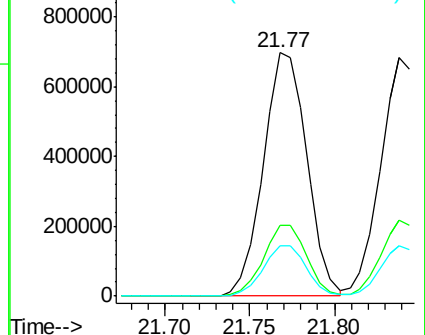
229 20.9 16.2 24.2

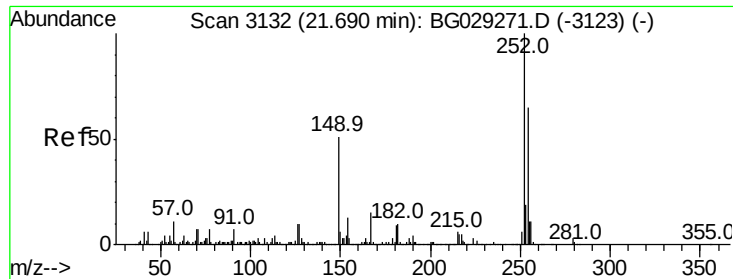


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

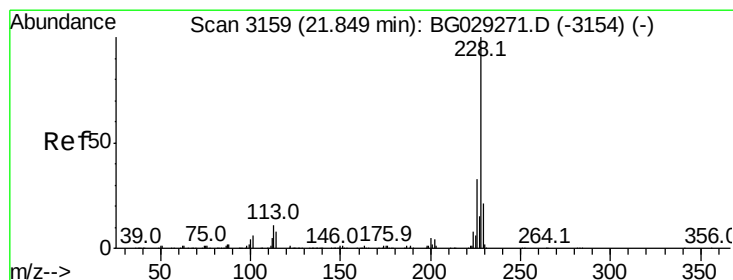
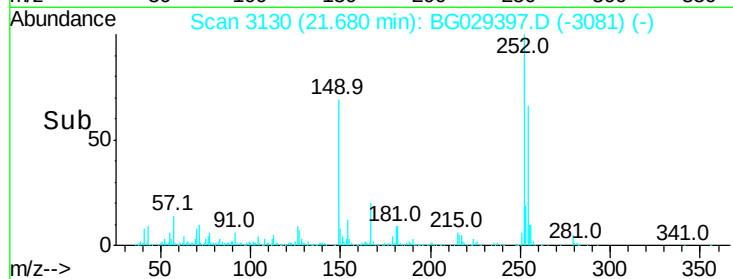
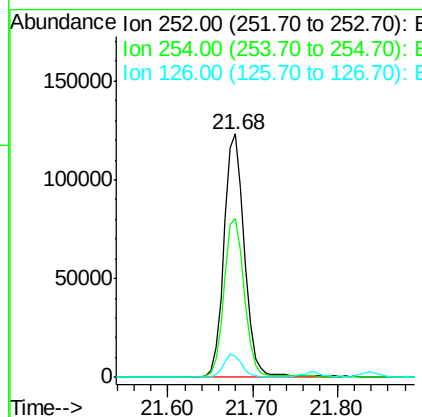
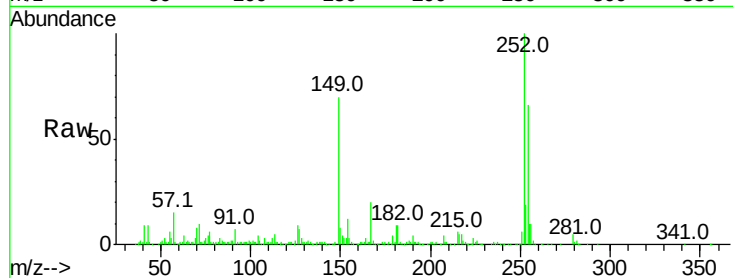




#81
 3,3'-Dichlorobenzidine
 Concen: 17.905 ng
 RT: 21.68 min Scan# 3130
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

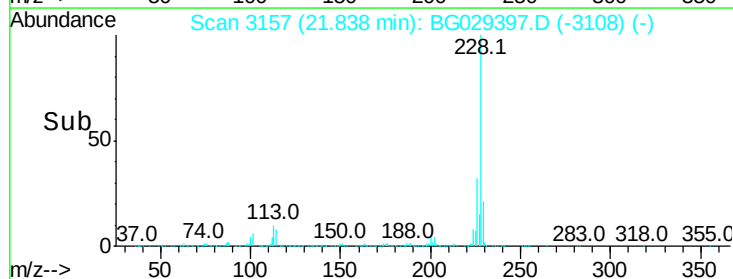
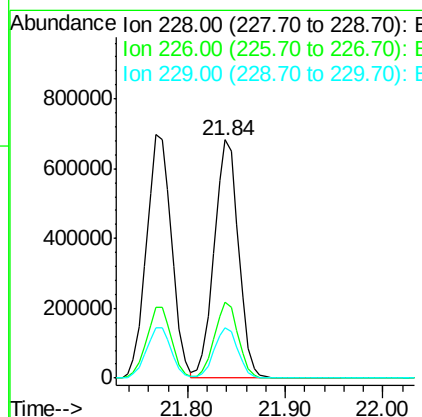
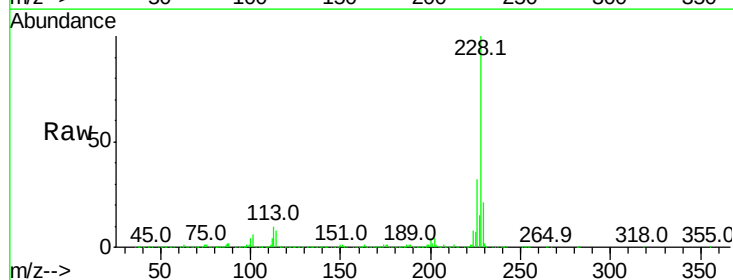
Instrument :
 BNA_G
 ClientSampled :

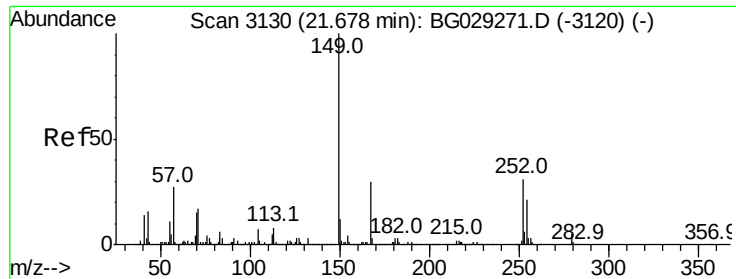
Tot Ion:252 Resp: 206904
 Ion Ratio Lower Upper
 252 100
 254 65.5 50.8 76.2
 126 8.8 7.4 11.2



#82
 Chrysene
 Concen: 43.694 ng
 RT: 21.84 min Scan# 3157
 Delta R.T. -0.01 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:228 Resp: 1171542
 Ion Ratio Lower Upper
 228 100
 226 31.6 24.9 37.3
 229 21.3 15.0 22.4

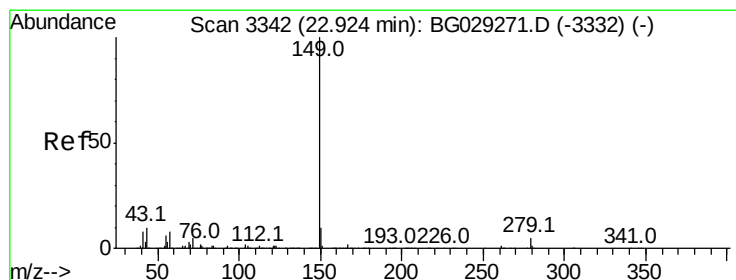
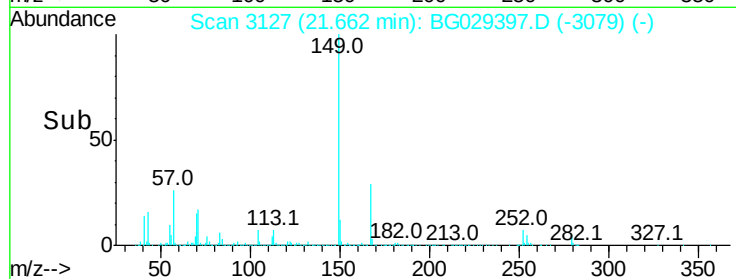
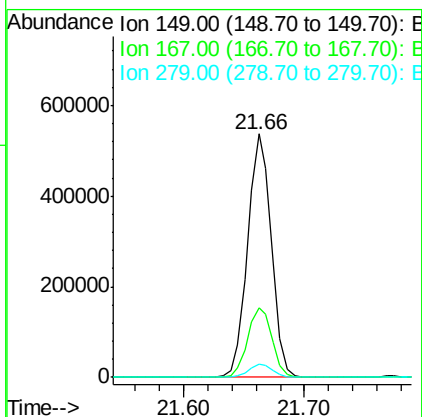
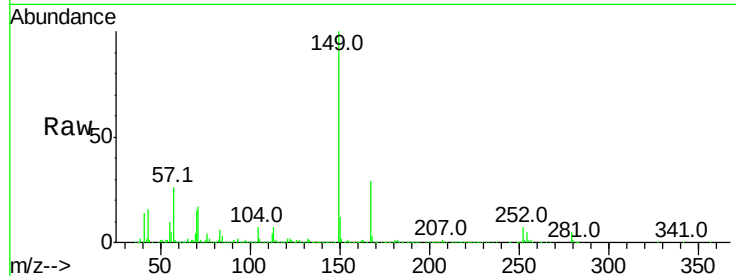




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.536 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.02 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

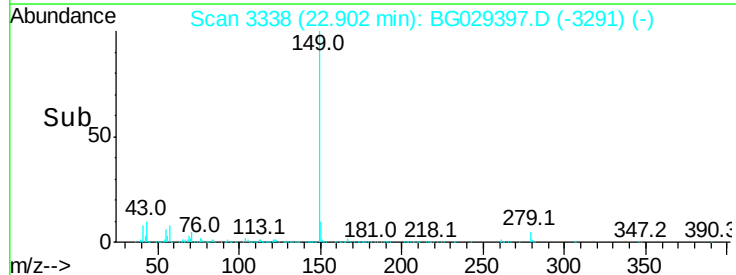
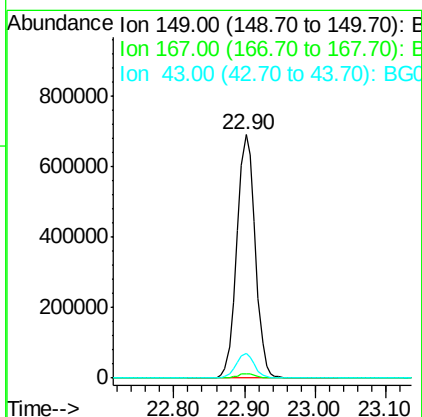
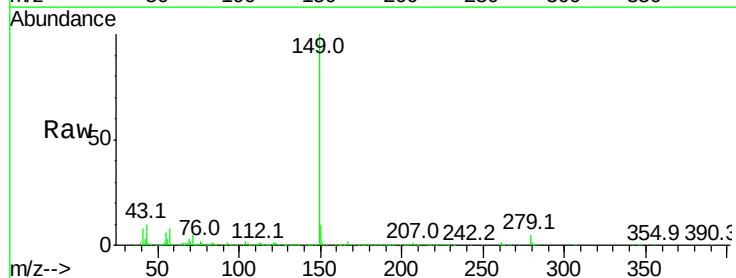
Instrument :
 BNA_G
 ClientSampleId :

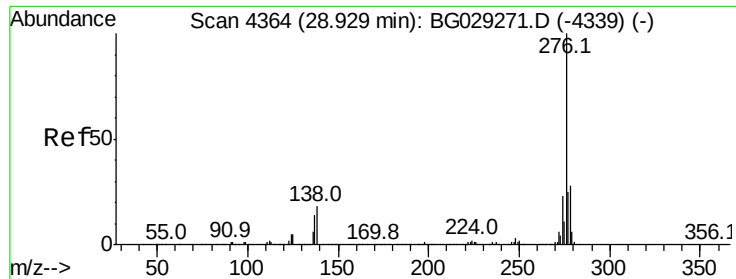
Tot Ion:149 Resp: 734641
 Ion Ratio Lower Upper
 149 100
 167 28.7 24.3 36.5
 279 5.3 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 40.296 ng
 RT: 22.90 min Scan# 3338
 Delta R.T. -0.02 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:149 Resp: 1242144
 Ion Ratio Lower Upper
 149 100
 167 1.8 1.4 2.0
 43 9.8 8.9 13.3

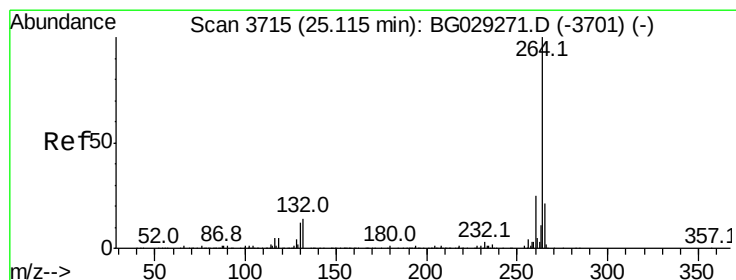
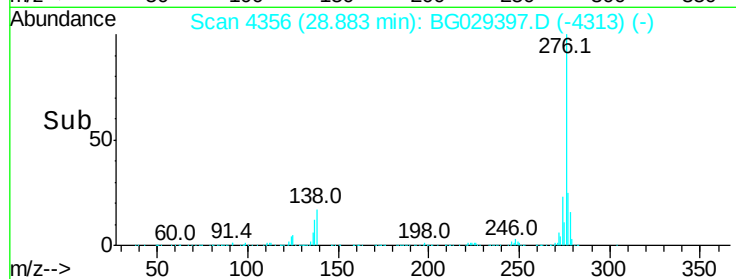
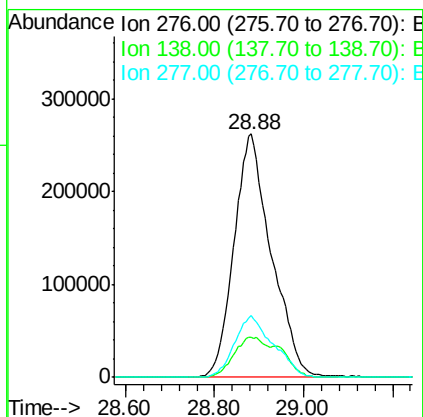
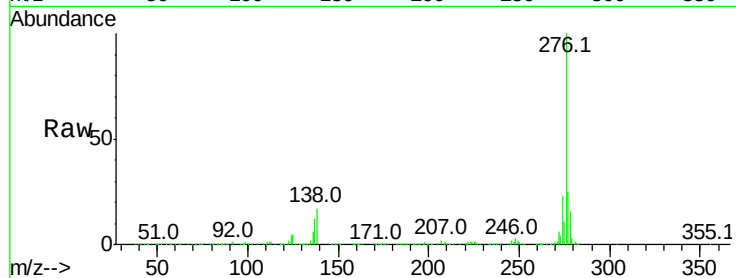




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.131 ng
 RT: 28.88 min Scan# 4356
 Delta R.T. -0.04 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

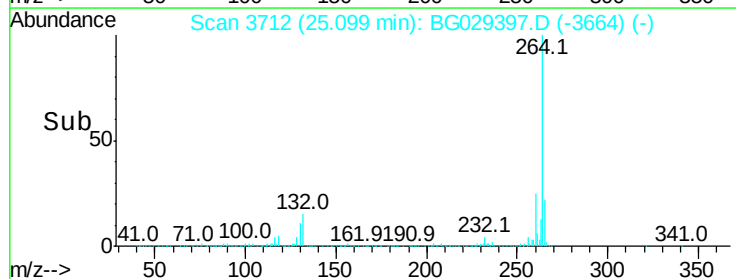
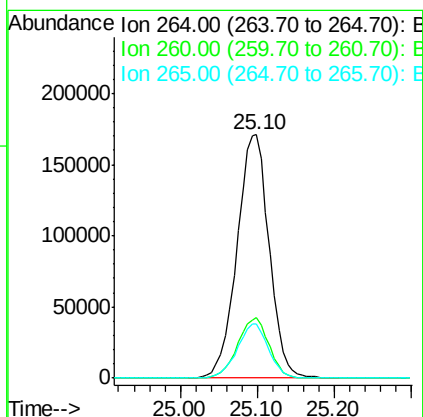
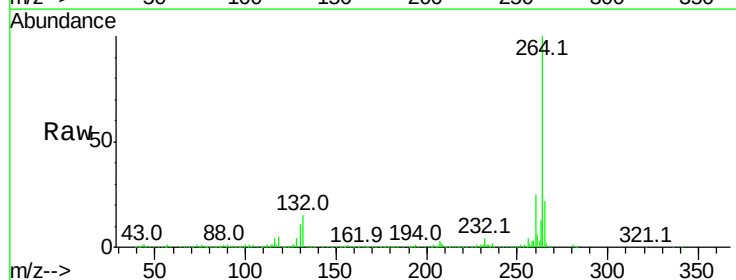
Instrument :
 BNA_G
 ClientSampleId :

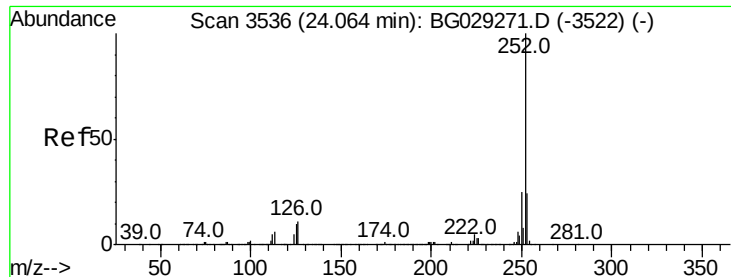
Tot Ion:276 Resp: 1521693
 Ion Ratio Lower Upper
 276 100
 138 14.4 16.0 24.0#
 277 26.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.02 min
 Lab File: BG029397.D
 Acq: 21 Oct 2017 18:42

Tgt Ion:264 Resp: 498747
 Ion Ratio Lower Upper
 264 100
 260 25.1 17.4 26.0
 265 22.3 17.7 26.5

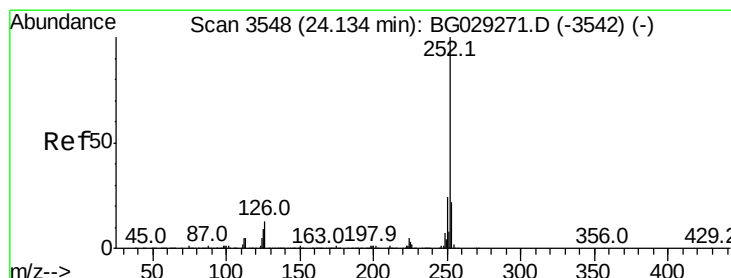
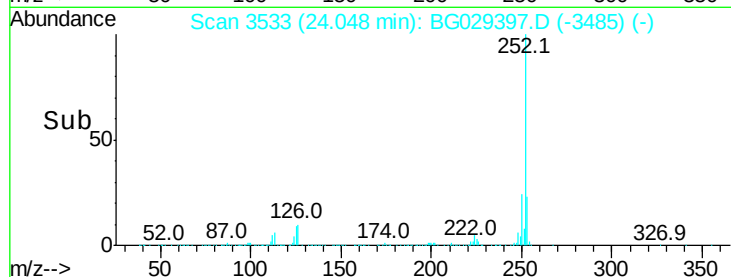
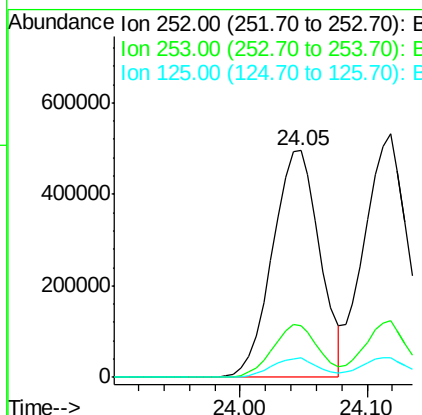
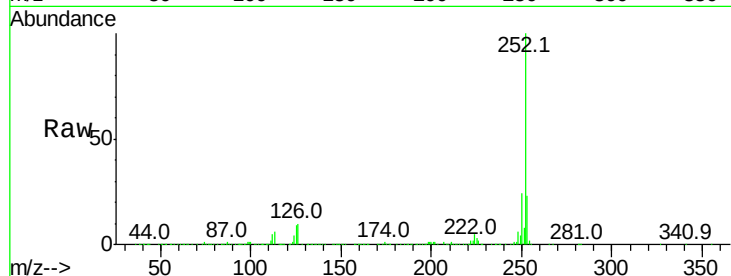




#87
Benzo(b)fluoranthene
Concen: 45.067 ng
RT: 24.05 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

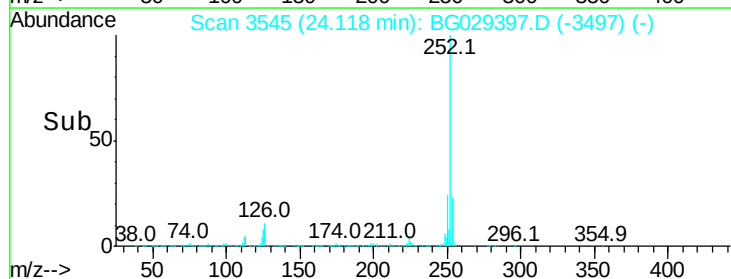
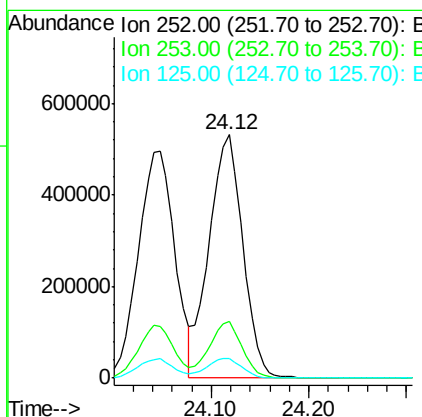
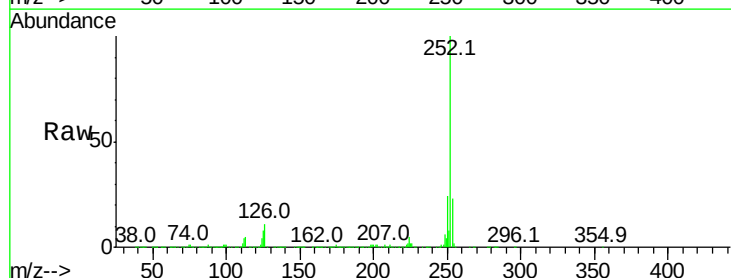
Instrument :
BNA_G
ClientSampleId :

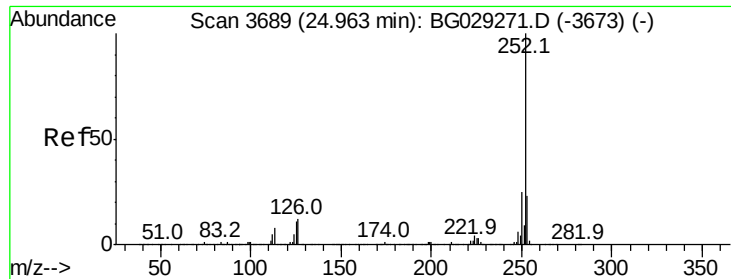
Tot Ion:252 Resp: 1286822
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.4
125 8.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 44.639 ng
RT: 24.12 min Scan# 3545
Delta R.T. -0.02 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:252 Resp: 1269838
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 8.3 6.6 9.8

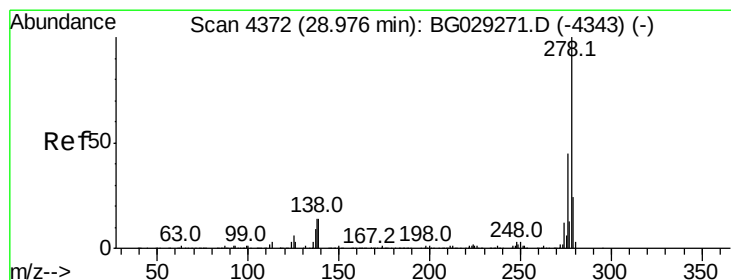
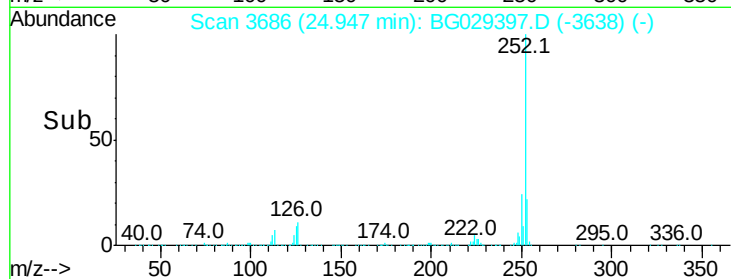
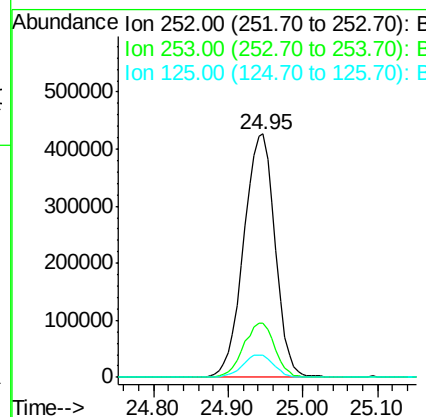
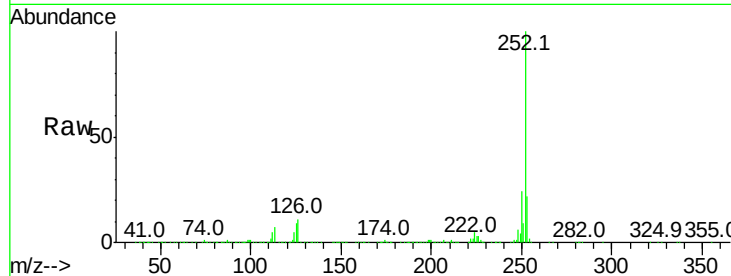




#89
Benzo(a)pyrene
Concen: 45.304 ng
RT: 24.95 min Scan# 3686
Delta R.T. -0.02 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

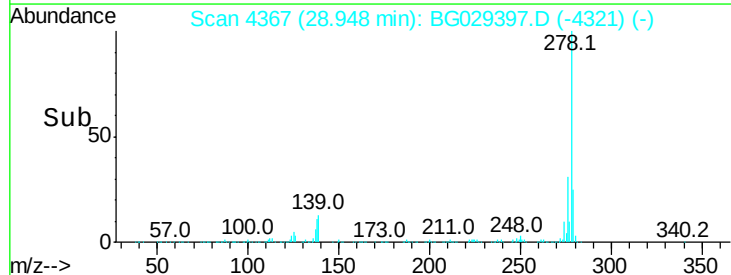
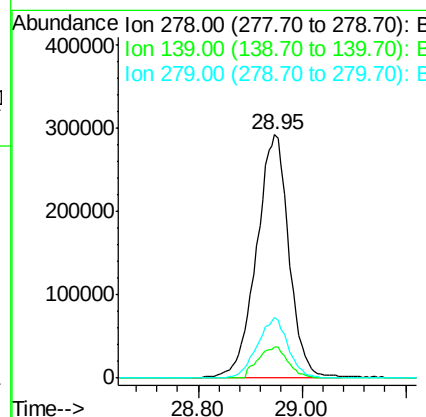
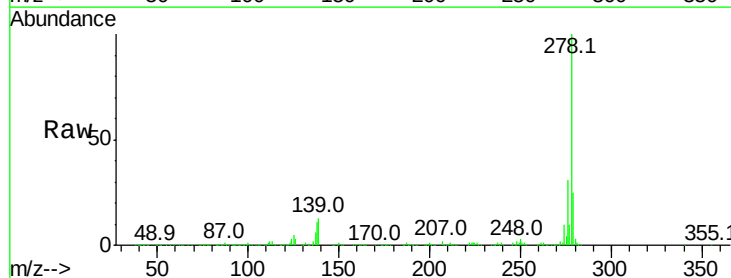
Instrument :
BNA_G
ClientSampleId :

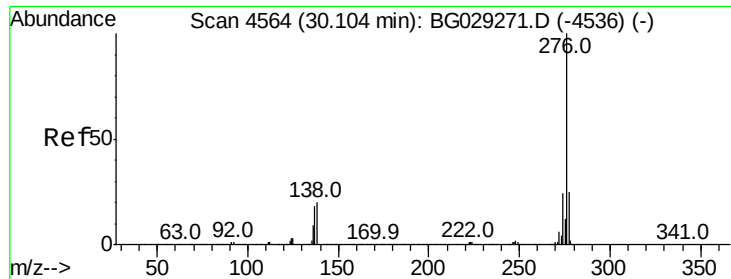
Tot Ion:252 Resp: 1243594
Ion Ratio Lower Upper
252 100
253 22.2 18.3 27.5
125 9.0 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 45.753 ng
RT: 28.95 min Scan# 4367
Delta R.T. -0.03 min
Lab File: BG029397.D
Acq: 21 Oct 2017 18:42

Tgt Ion:278 Resp: 1271506
Ion Ratio Lower Upper
278 100
139 12.7 9.8 14.6
279 24.9 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 49.091 ng

RT: 30.07 min Scan# 4558

Delta R.T. -0.03 min

Lab File: BG029397.D

Acq: 21 Oct 2017 18:42

Instrument :

BNA_G

ClientSampleId :

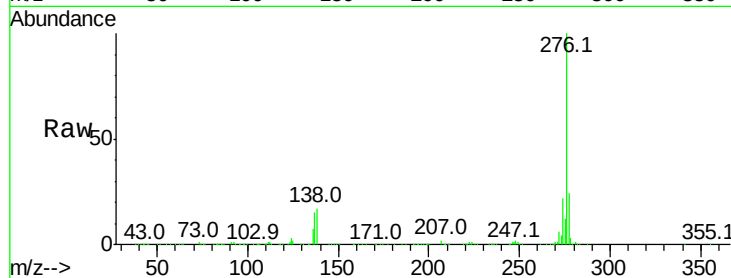
Tot Ion:276 Resp: 1267600

Ion Ratio Lower Upper

276 100

277 24.1 18.3 27.5

138 17.0 13.9 20.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

