

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122817\
 Data File : BG031844.D
 Acq On : 29 Dec 2017 3:33
 Operator : SJ/JU
 Sample : IDOC-02 RJ
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 06:34:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	65022	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	273638	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	185326	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	434738	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	491291	20.00	ng	-0.06
86) Perylene-d12	26.27	264	545778	20.00	ng	-0.09

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.23	112	411377	115.23	ng	-0.02
7) Phenol-d6	7.91	99	537979	116.07	ng	-0.02
23) Nitrobenzene-d5	10.00	82	293060	80.87	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	331763	117.32	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	1033076	69.97	ng	-0.03
78) Terphenyl-d14	20.70	244	1666593	77.50	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.88	88	35546	26.861	ng	# 75
3) Pyridine	4.33	79	49064	13.871	ng	# 82
4) n-Nitrosodimethylamine	4.23	42	47026	32.945	ng	# 77
6) Aniline	8.09	93	96001	16.099	ng	92
8) 2-Chlorophenol	8.35	128	154435	37.294	ng	82
9) Benzaldehyde	7.90	77	45782	16.404	ng	88
10) Phenol	7.94	94	178667	38.181	ng	92
11) bis(2-Chloroethyl)ether	8.19	93	121623	31.296	ng	# 80
12) 1,3-Dichlorobenzene	8.69	146	169747	33.009	ng	# 93
13) 1,4-Dichlorobenzene	8.84	146	172781	32.891	ng	96
14) 1,2-Dichlorobenzene	9.18	146	166949	33.541	ng	96
15) Benzyl Alcohol	9.03	79	124232	35.705	ng	90
16) 2,2'-oxybis(1-Chloropropan	9.33	45	125790	39.747	ng	86
17) 2-Methylphenol	9.23	107	125684	37.538	ng	95
18) Hexachloroethane	9.93	117	54349	34.160	ng	87
19) n-Nitroso-di-n-propylamine	9.62	70	95349	30.122	ng	# 83
20) 3+4-Methylphenols	9.57	107	175484	36.877	ng	93
22) Acetophenone	9.65	105	217292	34.179	ng	# 86
24) Nitrobenzene	10.05	77	139968	37.477	ng	# 82
25) Isophorone	10.57	82	273073	35.005	ng	# 87
26) 2-Nitrophenol	10.77	139	94549	48.284	ng	# 77
27) 2,4-Dimethylphenol	10.81	122	170491	41.375	ng	86
28) bis(2-Chloroethoxy)methane	11.05	93	173166	33.083	ng	# 94
29) 2,4-Dichlorophenol	11.31	162	186311	38.514	ng	91
30) 1,2,4-Trichlorobenzene	11.54	180	199005	33.692	ng	97
31) Naphthalene	11.74	128	469088	33.968	ng	99
32) Benzoic acid	10.94	122	10017	9.762	ng	# 77
33) 4-Chloroaniline	11.83	127	106552	17.330	ng	# 91
34) Hexachlorobutadiene	12.01	225	134626	33.200	ng	98
35) Caprolactam	12.58	113	52861	36.050	ng	# 44
36) 4-Chloro-3-methylphenol	12.90	107	164754	36.877	ng	# 82
37) 2-Methylnaphthalene	13.30	142	389303	34.774	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	269842	34.568	ng	# 97
40) Hexachlorocyclopentadiene	13.63	237	308070	74.810	ng	91

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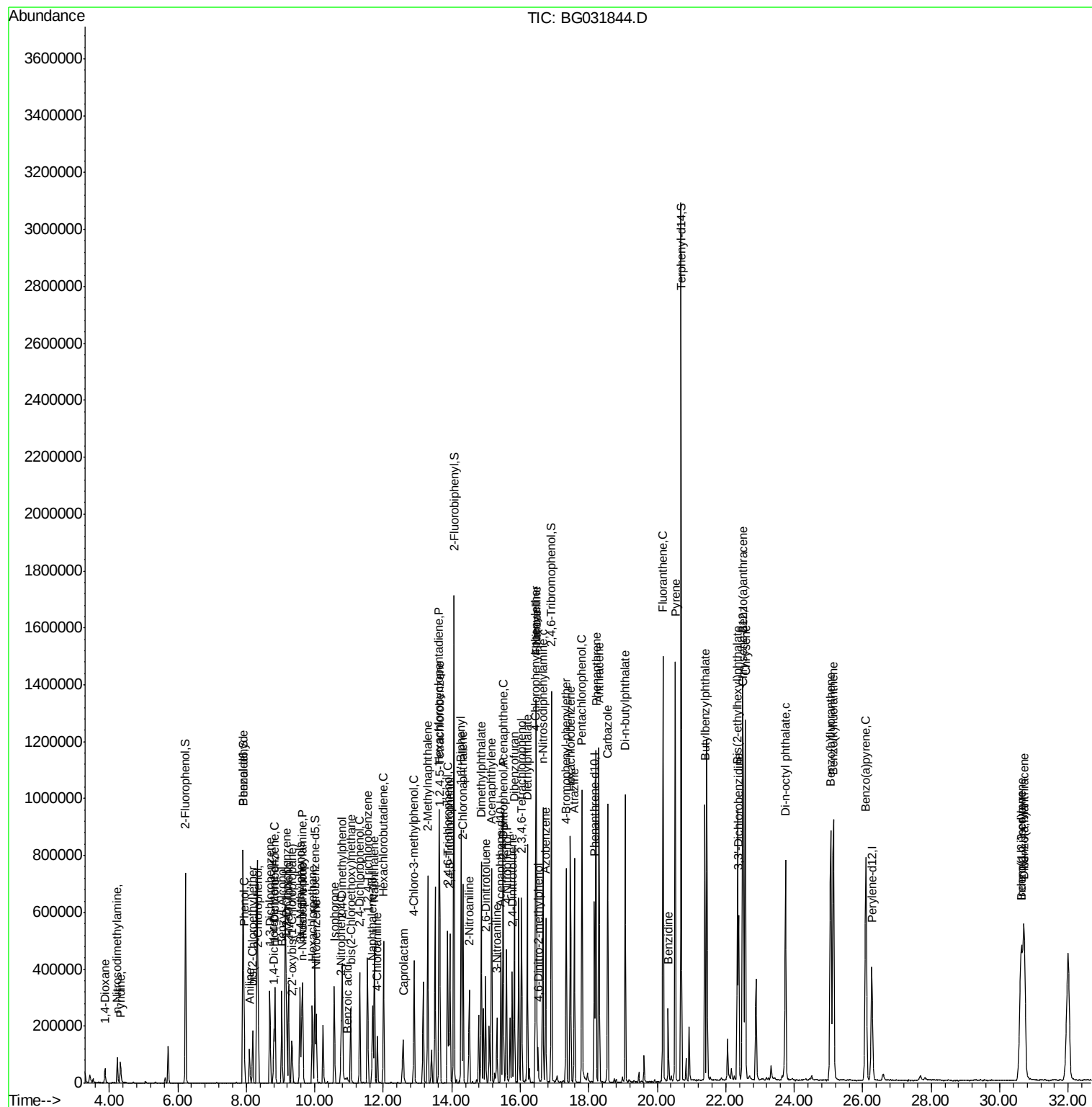
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	167685	37.258	nq	99
43) 2,4,5-Trichlorophenol	13.95	196	182286	36.547	nq #	92
45) 1,1'-Biphenyl	14.28	154	554056	35.003	nq	96
46) 2-Chloronaphthalene	14.33	162	412232	34.144	nq	94
47) 2-Nitroaniline	14.51	65	88278	42.336	nq #	64
48) Acenaphthylene	15.16	152	621747	32.189	nq	98
49) Dimethylphthalate	14.86	163	599326	36.709	nq	98
50) 2,6-Dinitrotoluene	14.99	165	120338	40.067	nq #	66
51) Acenaphthene	15.50	154	408958	32.329	nq	96
52) 3-Nitroaniline	15.32	138	78798	26.891	nq #	73
53) 2,4-Dinitrophenol	15.52	184	27733	27.295	nq #	1
54) Dibenzofuran	15.83	168	652202	33.634	nq	98
55) 4-Nitrophenol	15.60	139	165901	69.561	nq #	70
56) 2,4-Dinitrotoluene	15.77	165	166768	43.181	nq #	63
57) Fluorene	16.47	166	514899	32.686	nq	99
58) 2,3,4,6-Tetrachlorophenol	16.04	232	184007	37.813	nq #	83
59) Diethylphthalate	16.21	149	509387	32.011	nq	94
60) 4-Chlorophenyl-phenylether	16.45	204	309458	32.106	nq	92
61) 4-Nitroaniline	16.47	138	106069	37.094	nq #	78
62) Azobenzene	16.74	77	337685	33.090	nq	82
64) 4,6-Dinitro-2-methylphenol	16.52	198	44159	25.572	nq #	67
65) n-Nitrosodiphenylamine	16.66	169	484912	33.584	nq	98
66) 4-Bromophenyl-phenylether	17.34	248	222573	35.405	nq	93
67) Hexachlorobenzene	17.47	284	230822	35.917	nq #	91
68) Atrazine	17.58	200	203090	36.174	nq	98
69) Pentachlorophenol	17.80	266	259107	58.618	nq	99
70) Phenanthrene	18.21	178	843272	34.275	nq	99
71) Anthracene	18.30	178	867042	34.936	nq	99
72) Carbazole	18.55	167	747663	34.037	nq	99
73) Di-n-butylphthalate	19.06	149	833502	34.144	nq	99
74) Fluoranthene	20.17	202	1050063	34.784	nq	95
76) Benzidine	20.33	184	179114	11.812	nq	98
77) Pyrene	20.53	202	1059216	33.752	nq	98
79) Butylbenzylphthalate	21.39	149	379576	36.030	nq #	76
80) Benzo(a)anthracene	22.50	228	1088294	34.824	nq	98
81) 3,3'-Dichlorobenzidine	22.38	252	273406	22.564	nq #	97
82) Chrysene	22.57	228	1019921	34.493	nq	98
83) Bis(2-ethylhexyl)phthalate	22.34	149	541303	35.466	nq #	97
84) Di-n-octyl phthalate	23.75	149	935055	36.377	nq #	87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1408634	37.133	nq #	89
87) Benzo(b)fluoranthene	25.06	252	1172013	34.594	nq #	97
88) Benzo(k)fluoranthene	25.15	252	1142093	33.685	nq #	97
89) Benzo(a)pyrene	26.09	252	1137074	35.045	nq #	97
90) Dibenzo(a,h)anthracene	30.71	278	1163143	34.710	nq #	96
91) Benzo(g,h,i)perylene	30.63	276	1408634	35.604	nq #	94

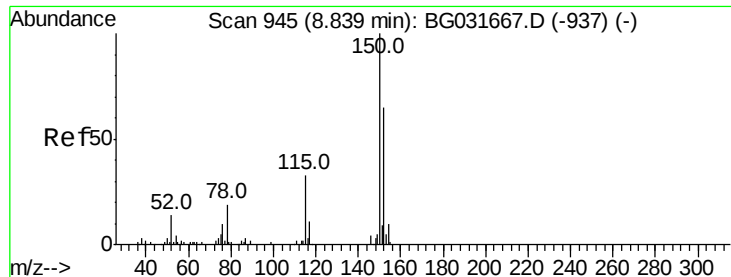
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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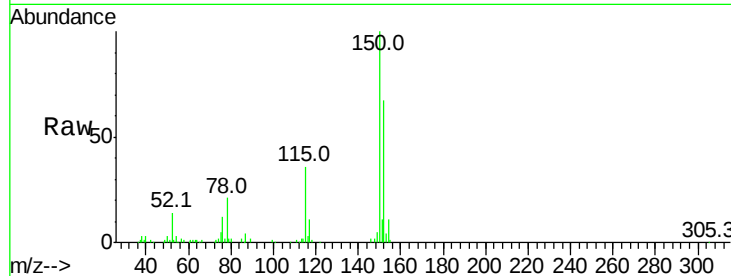


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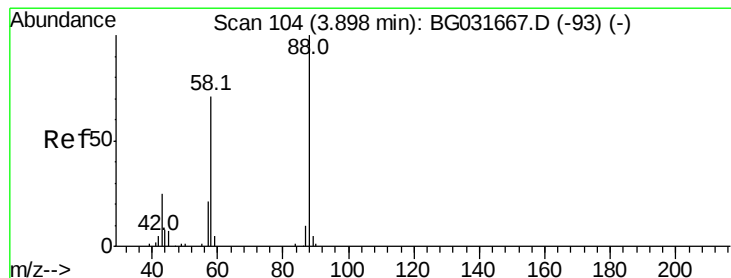
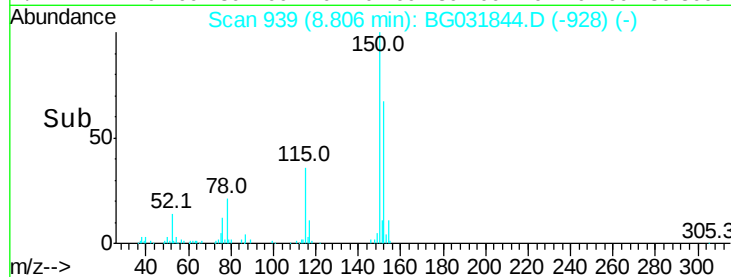
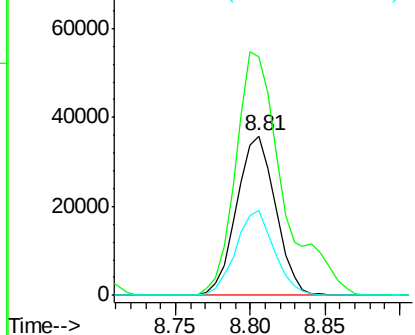
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65022
Ion Ratio Lower Upper
152 100
150 149.6 126.6 189.8
115 53.4 53.0 79.4



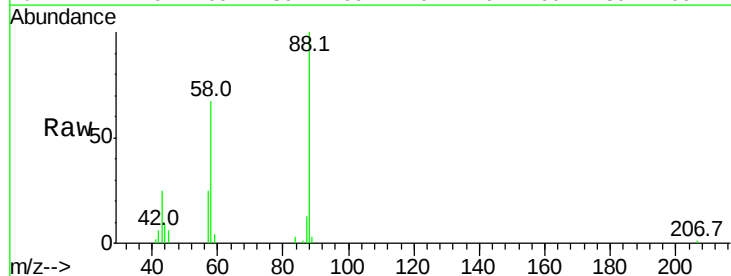
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



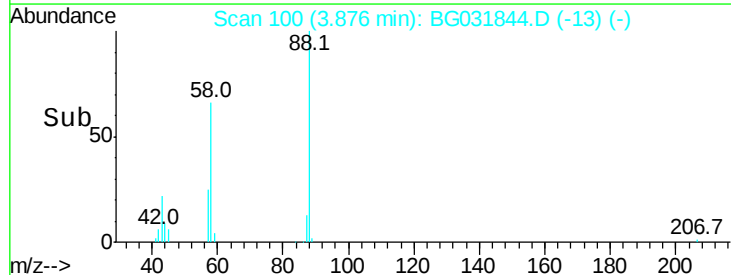
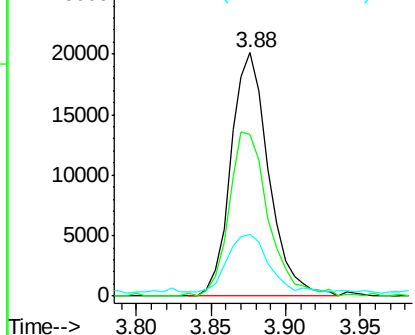
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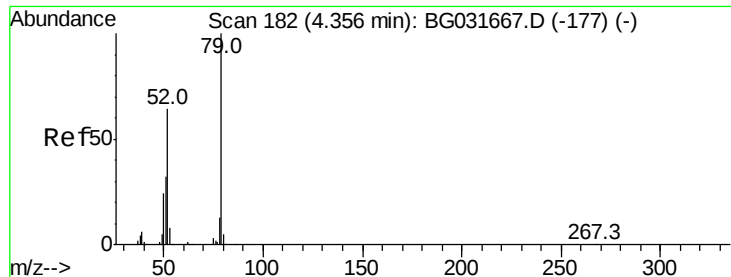
1,4-Dioxane
Concen: 26.861 ng
RT: 3.88 min Scan# 100
Delta R.T. -0.02 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion: 88 Resp: 35546
Ion Ratio Lower Upper
88 100
58 70.5 79.6 119.4#
43 25.9 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: 13.871 ng

RT: 4.33 min Scan# 177

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

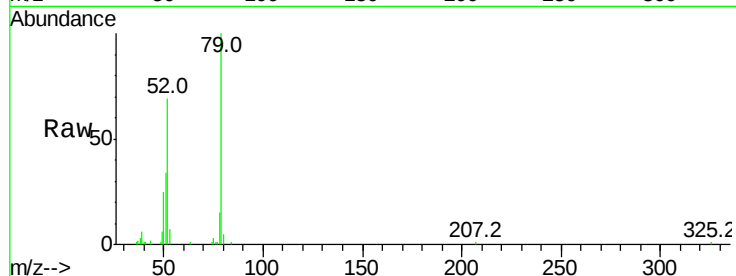
Tot Ion: 79 Resp: 49064

Ion Ratio Lower Upper

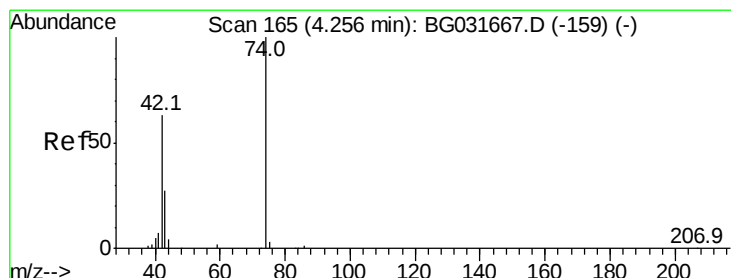
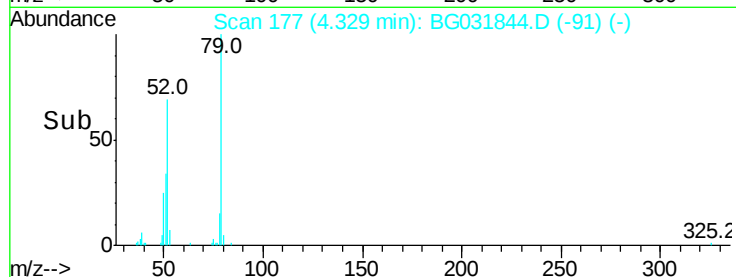
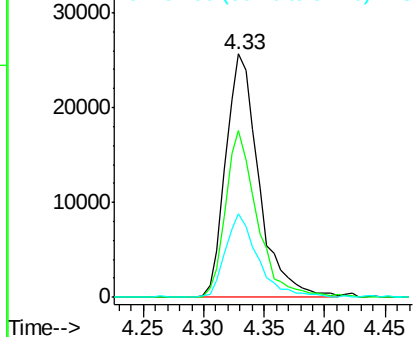
79 100

52 68.6 69.9 104.9#

51 34.1 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: 32.945 ng

RT: 4.23 min Scan# 161

Delta R.T. -0.02 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

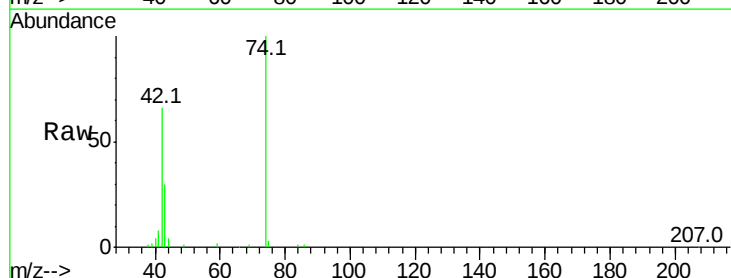
Tgt Ion: 42 Resp: 47026

Ion Ratio Lower Upper

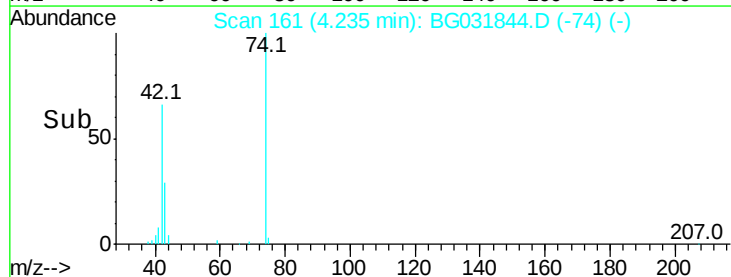
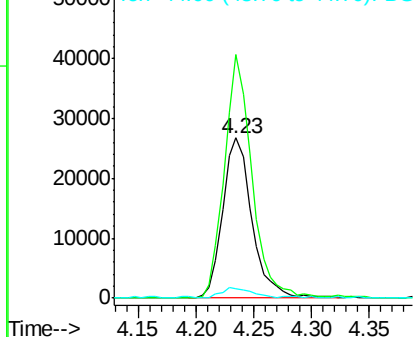
42 100

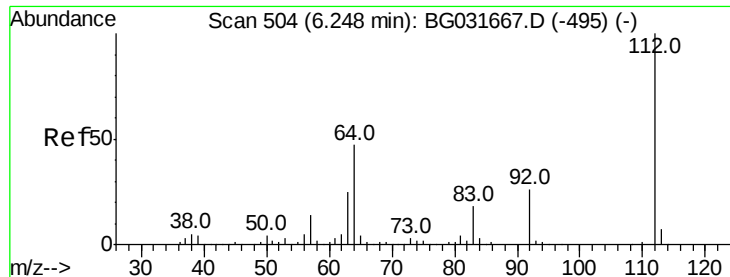
74 152.3 102.5 153.7

44 6.1 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: 115.234 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

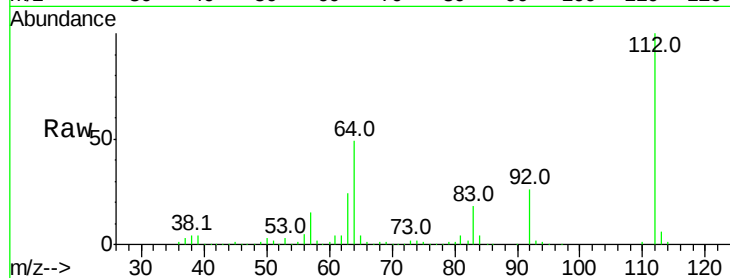
Tot Ion:112 Resp: 411377

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

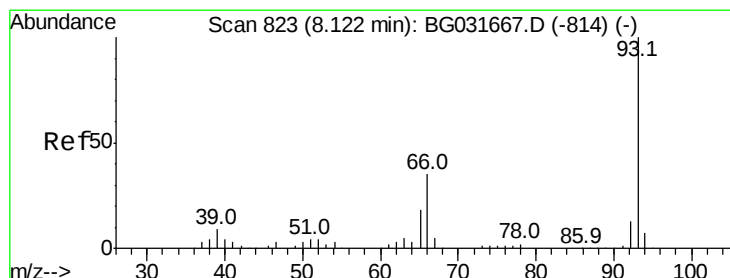
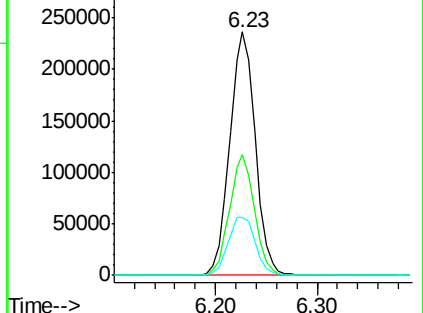
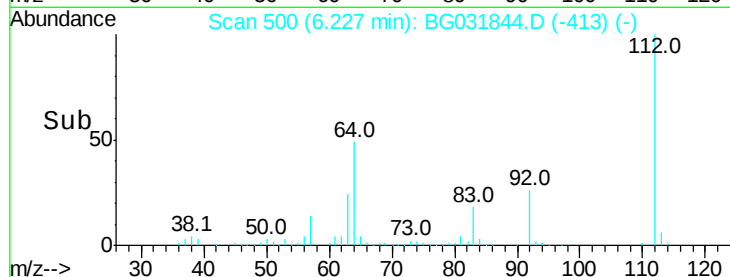
63 24.0 30.1 45.1#



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: 16.099 ng

RT: 8.09 min Scan# 818

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

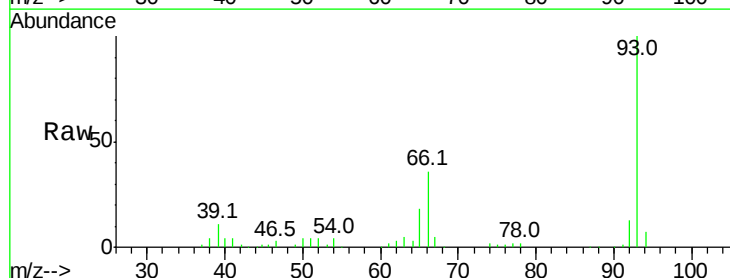
Tgt Ion: 93 Resp: 96001

Ion Ratio Lower Upper

93 100

66 36.2 33.7 50.5

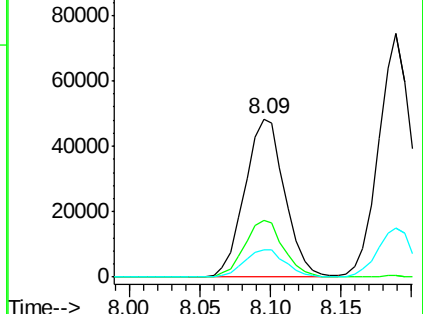
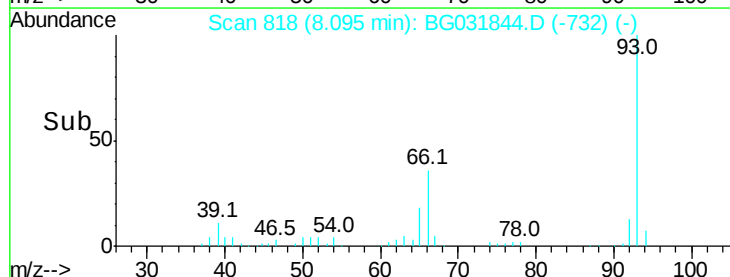
65 17.6 16.1 24.1

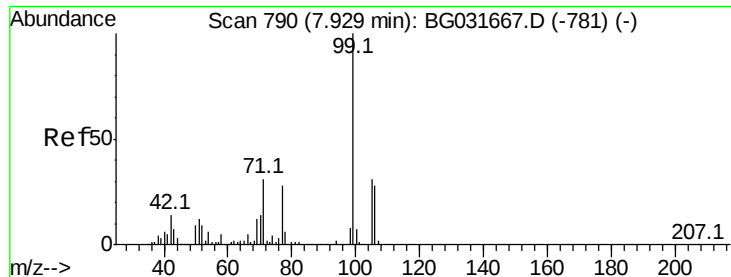


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 116.070 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

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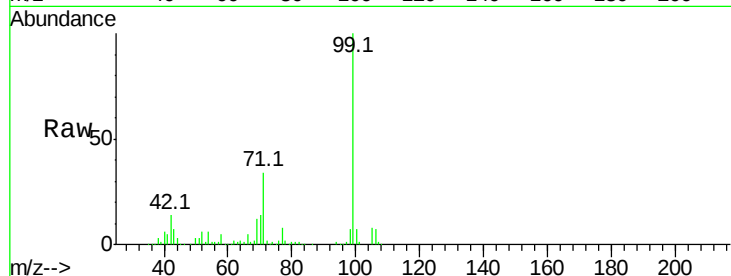
Tot Ion: 99 Resp: 537979

Ion Ratio Lower Upper

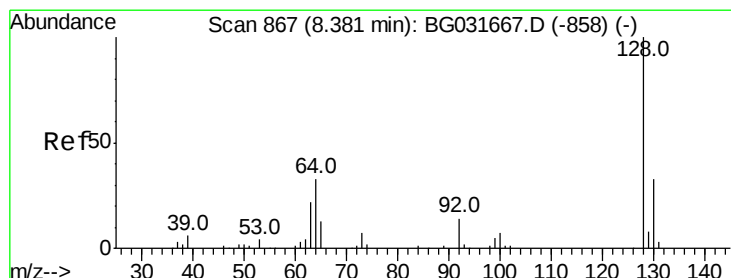
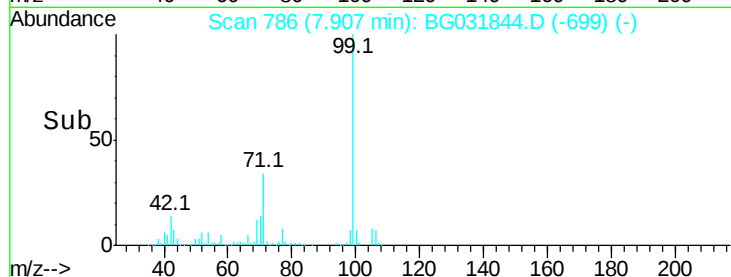
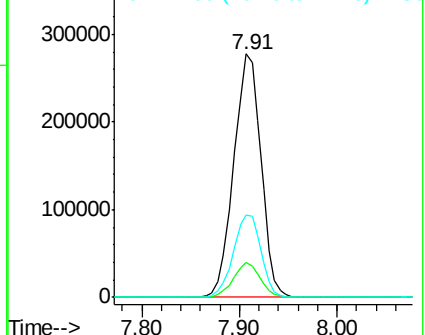
99 100

42 14.2 14.1 21.1

71 33.8 26.1 39.1



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



#8

2-Chlorophenol

Concen: 37.294 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

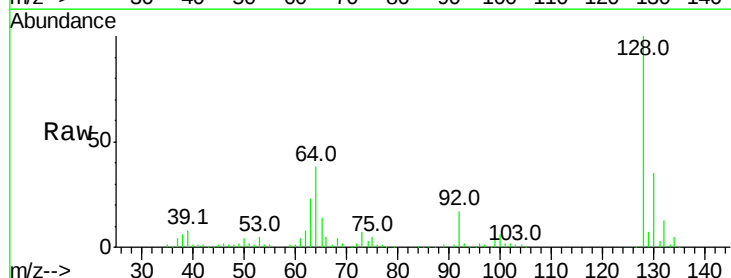
Tgt Ion: 128 Resp: 154435

Ion Ratio Lower Upper

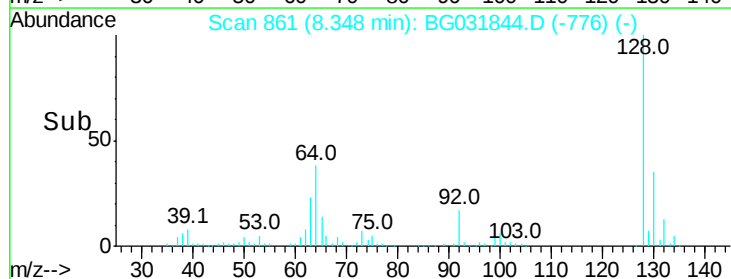
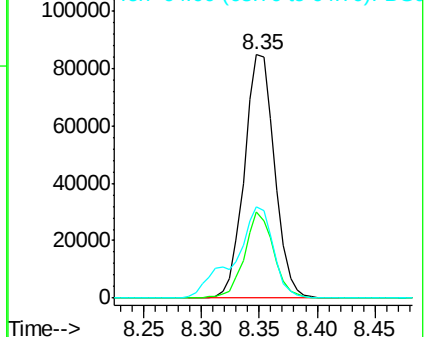
128 100

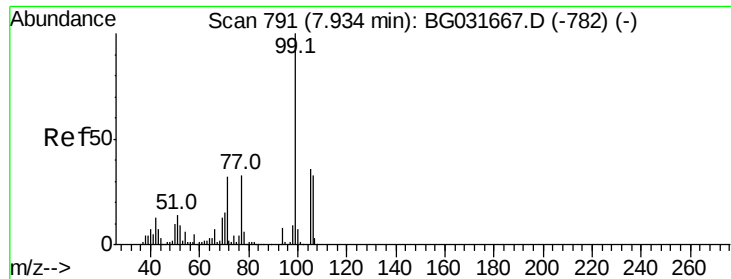
130 35.4 14.0 54.0

64 37.8 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: 16.404 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

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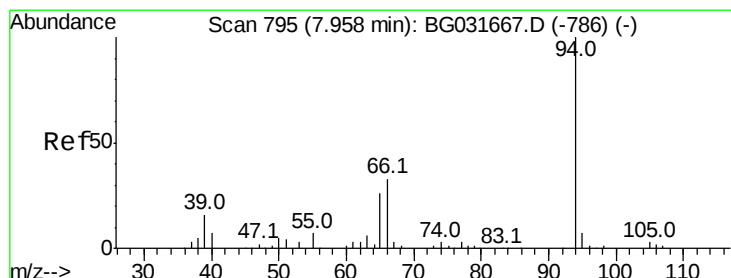
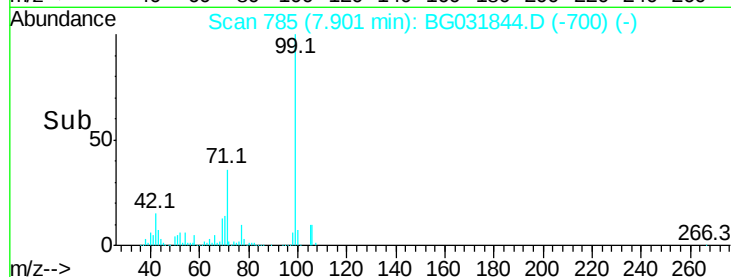
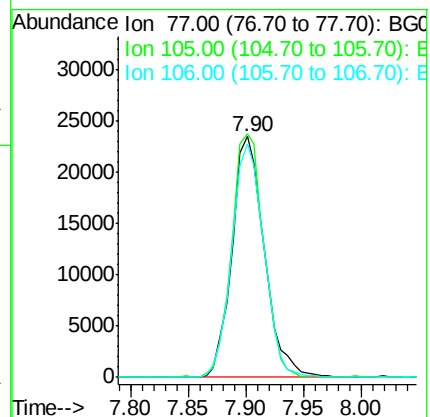
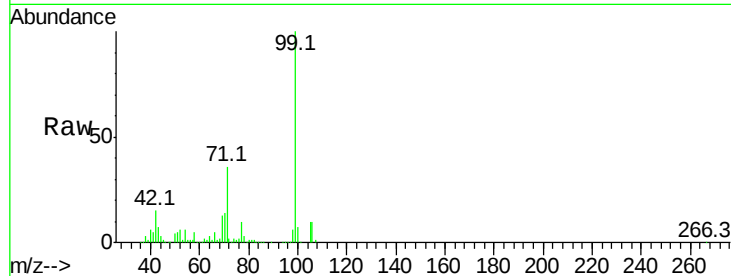
Tot Ion: 77 Resp: 45782

Ion Ratio Lower Upper

77 100

105 101.0 71.3 111.3

106 97.0 64.2 104.2



#10

Phenol

Concen: 38.181 ng

RT: 7.94 min Scan# 791

Delta R.T. -0.02 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

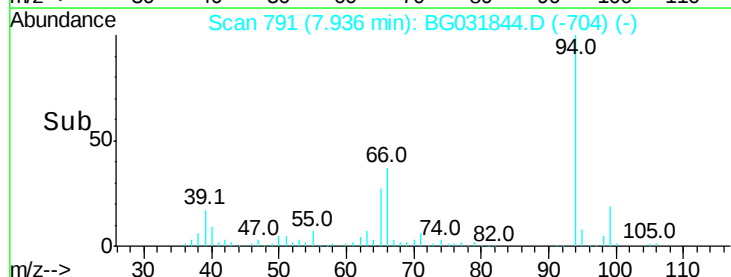
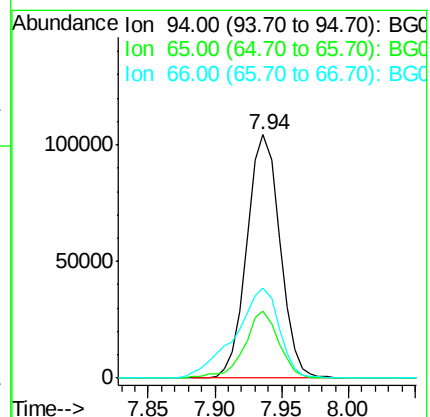
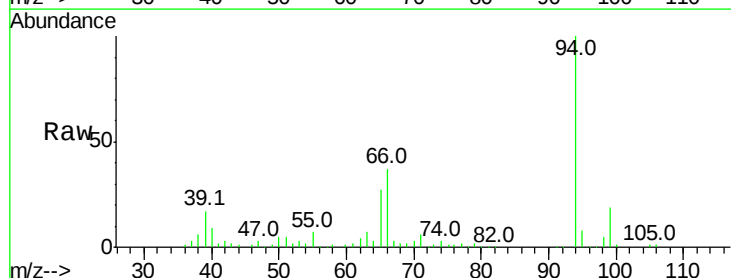
Tgt Ion: 94 Resp: 178667

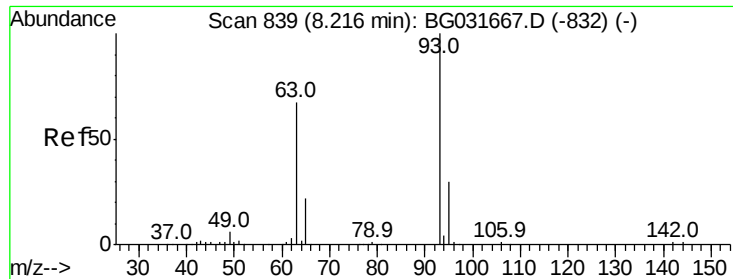
Ion Ratio Lower Upper

94 100

65 27.4 11.9 51.9

66 36.8 22.2 62.2

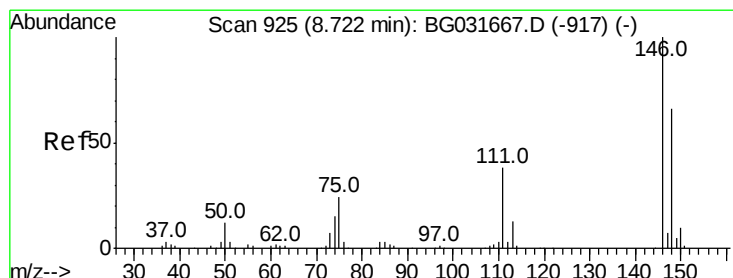
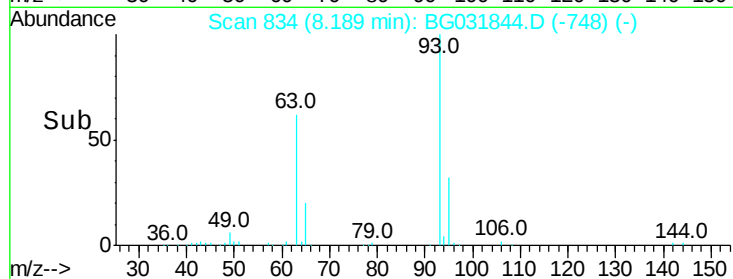
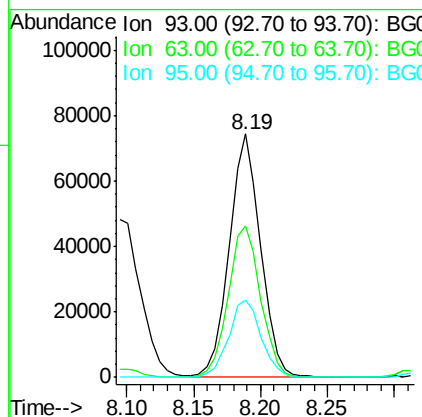
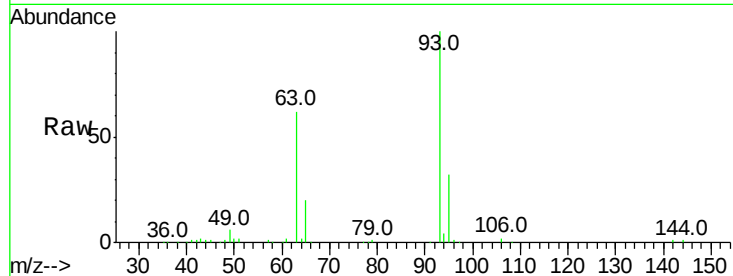




#11
 bis(2-Chloroethyl)ether
 Concen: 31.296 ng
 RT: 8.19 min Scan# 834
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

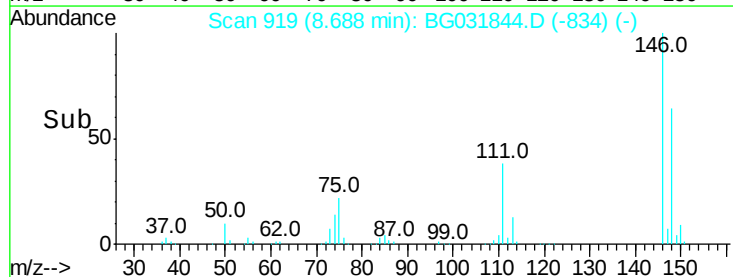
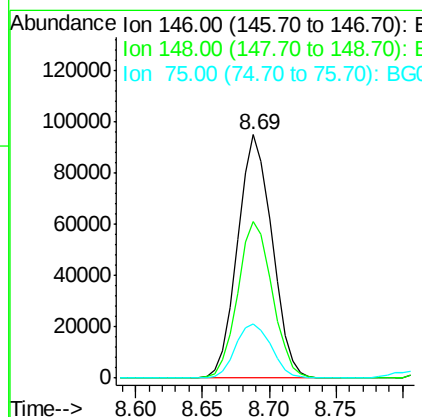
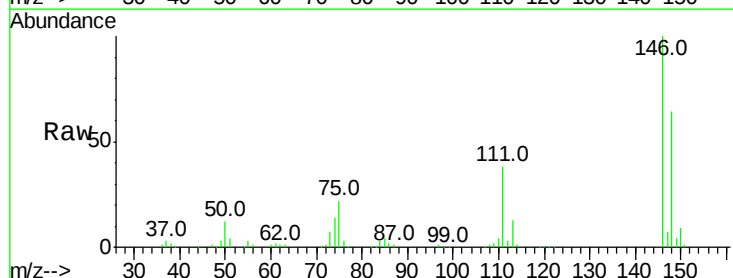
Instrument :
 BNA_G
 ClientSampled :

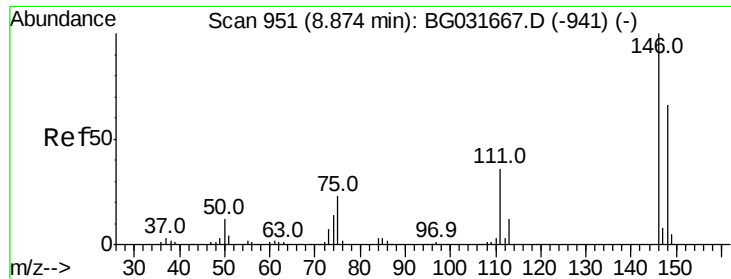
Tot Ion: 93 Resp: 121623
 Ion Ratio Lower Upper
 93 100
 63 62.5 67.1 107.1#
 95 31.5 11.5 51.5



#12
 1,3-Dichlorobenzene
 Concen: 33.009 ng
 RT: 8.69 min Scan# 919
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion: 146 Resp: 169747
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.4 77.2
 75 22.4 26.6 39.8#

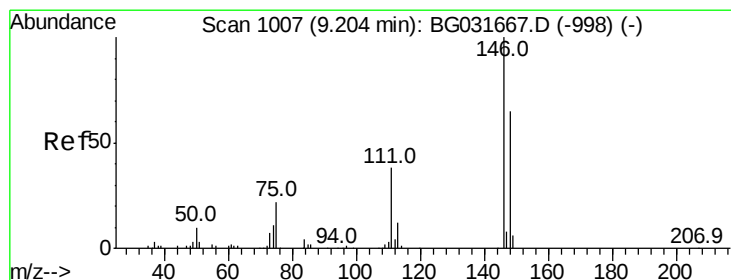
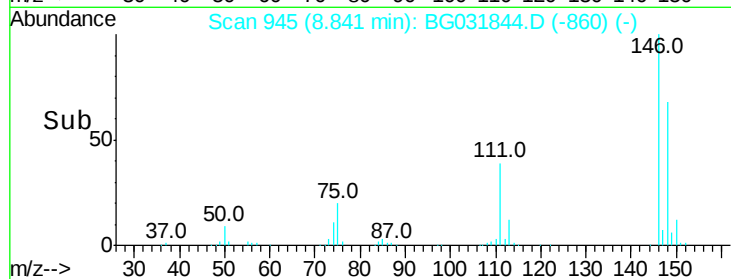
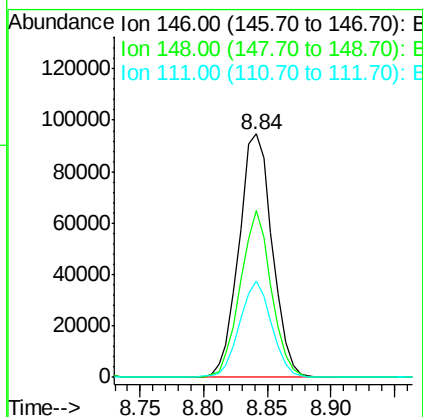
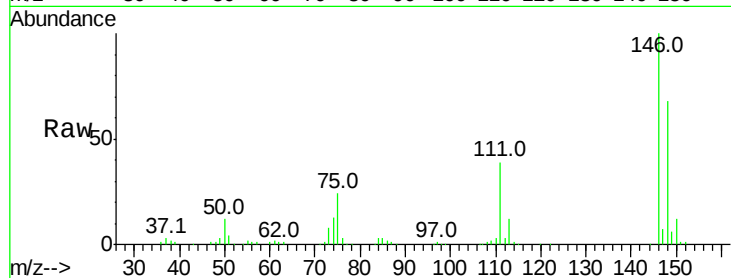




#13
 1,4-Dichlorobenzene
 Concen: 32.891 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

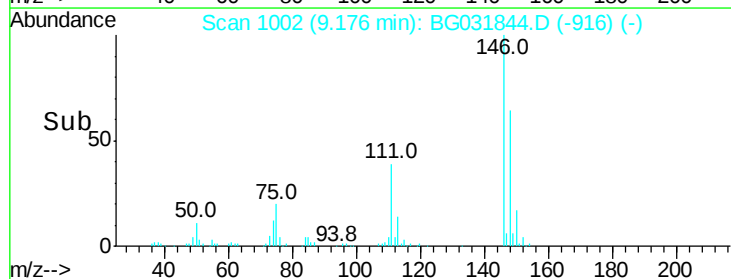
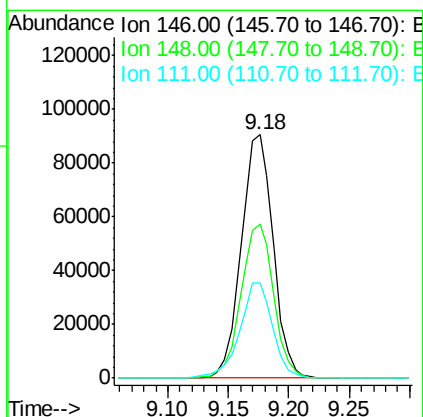
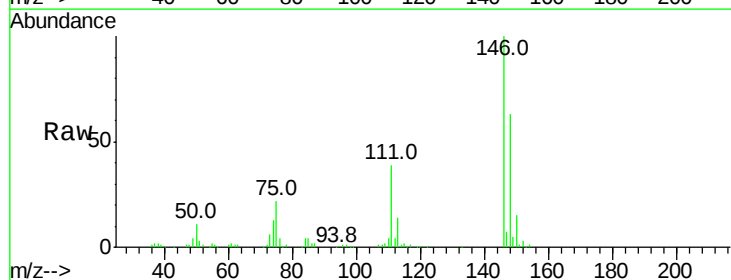
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 172781
 Ion Ratio Lower Upper
 146 100
 148 68.4 53.7 80.5
 111 39.5 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 33.541 ng
 RT: 9.18 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:146 Resp: 166949
 Ion Ratio Lower Upper
 146 100
 148 63.2 49.3 73.9
 111 39.1 34.3 51.5





#15

Benzyl Alcohol

Concen: 35.705 ng

RT: 9.03 min Scan# 978

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

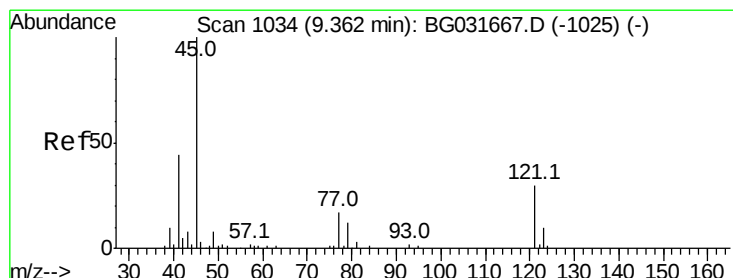
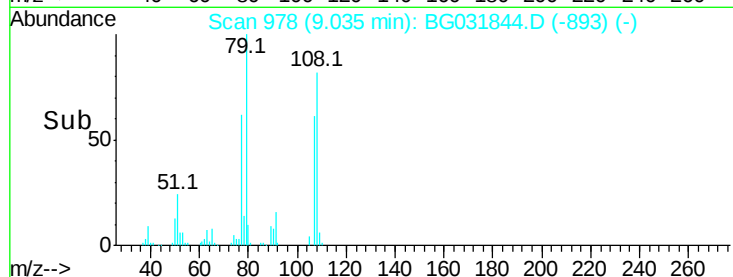
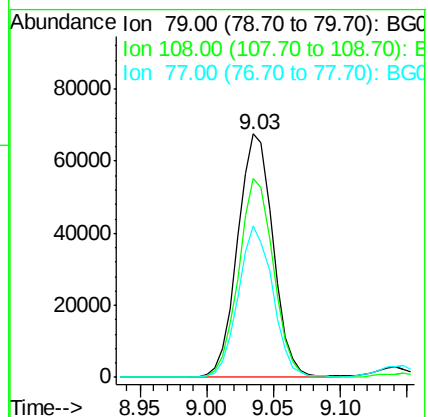
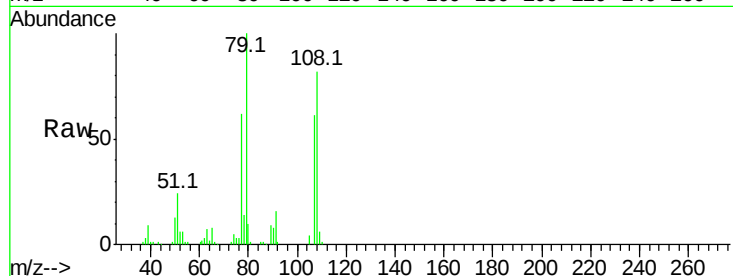
Tot Ion: 79 Resp: 124232

Ion Ratio Lower Upper

79 100

108 81.7 57.2 85.8

77 62.4 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.747 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

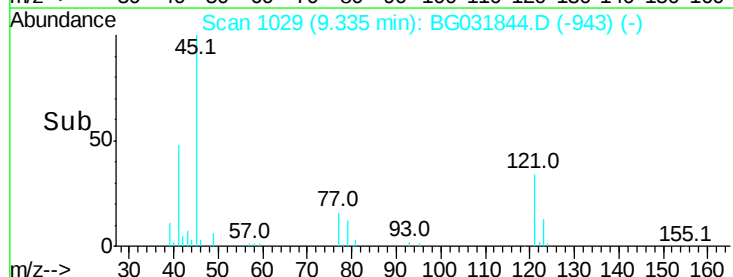
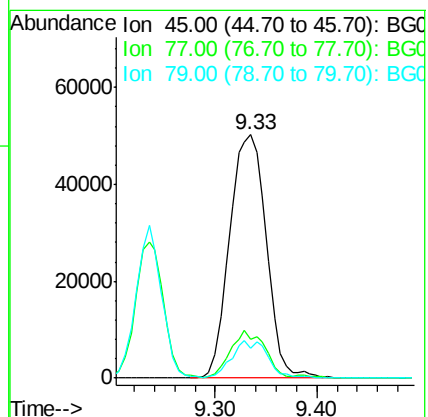
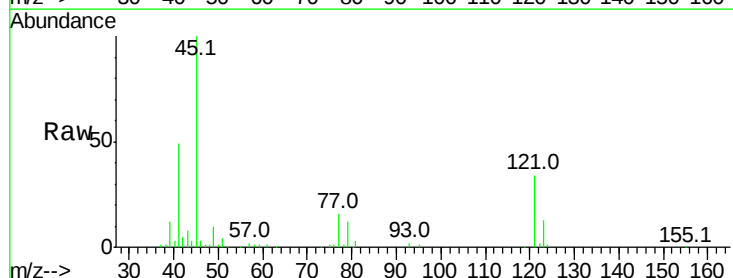
Tgt Ion: 45 Resp: 125790

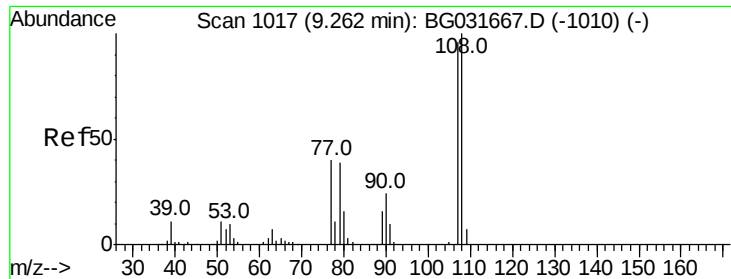
Ion Ratio Lower Upper

45 100

77 15.9 0.0 30.2

79 12.2 0.0 27.9

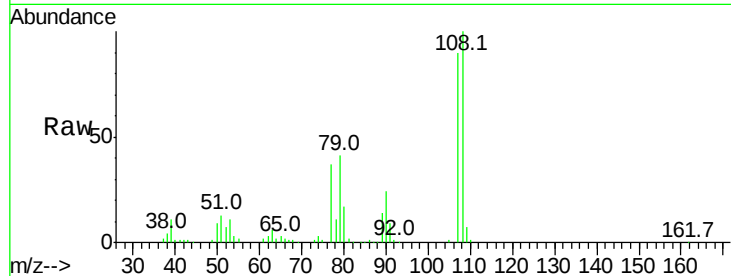




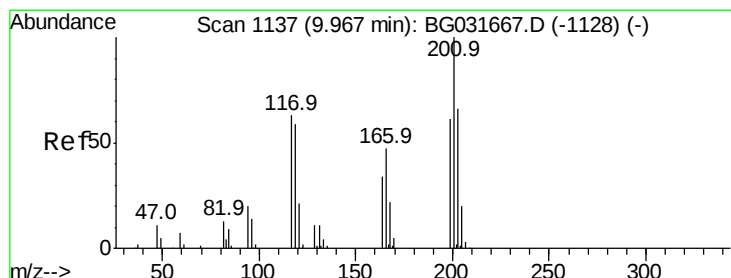
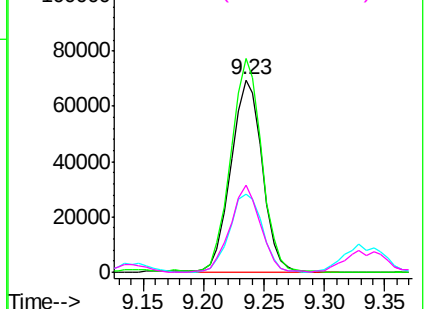
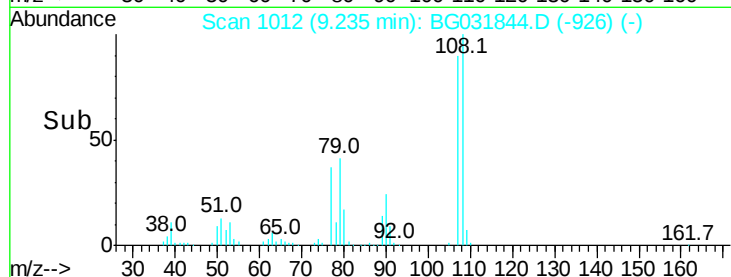
#17
2-Methylphenol
Concen: 37.538 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	83.9	125.9
77	40.6	37.2	55.8
79	45.3	36.2	54.2

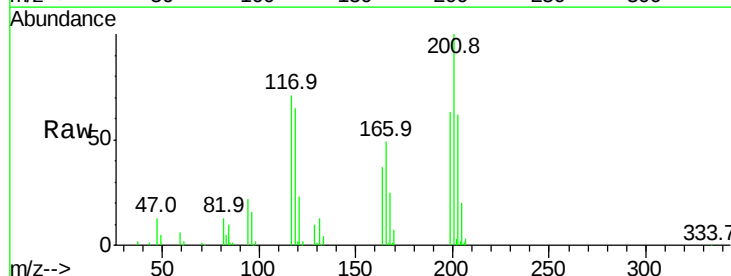


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

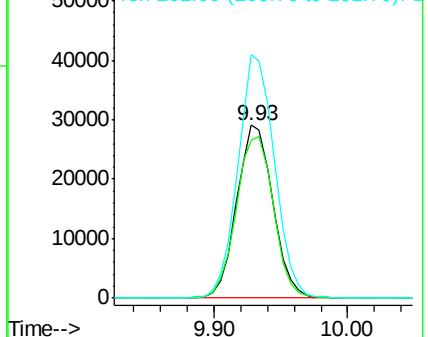
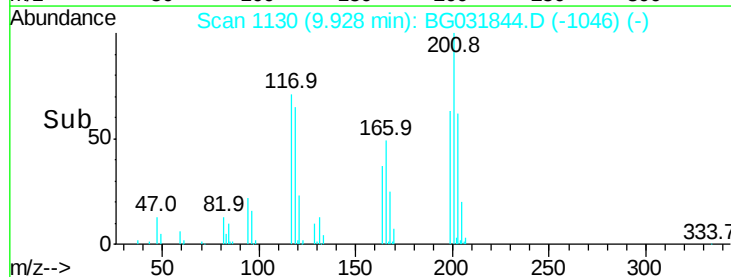


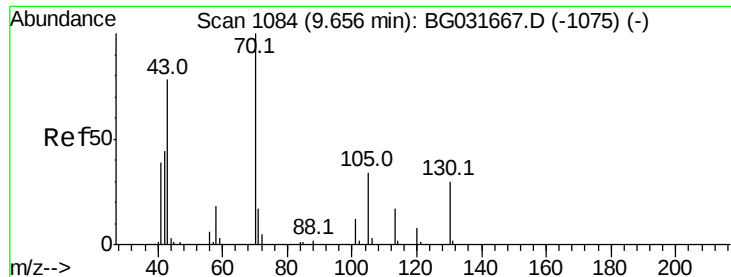
#18
Hexachloroethane
Concen: 34.160 ng
RT: 9.93 min Scan# 1130
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.0	76.7	115.1
201	140.7	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

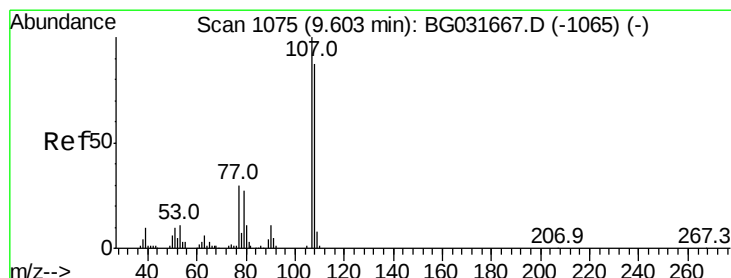
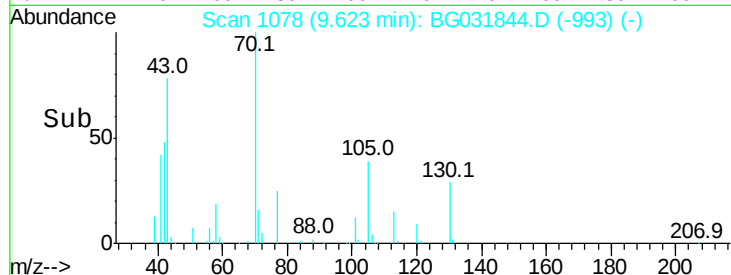
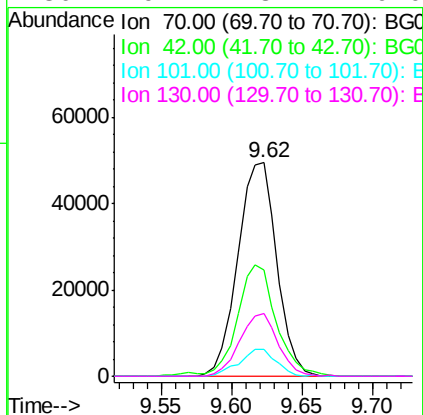
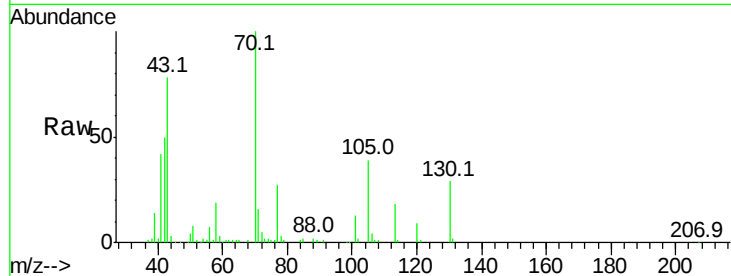




#19
n-Nitroso-di-n-propylamine
Concen: 30.122 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

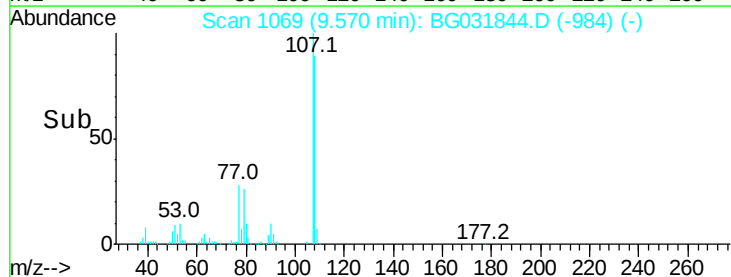
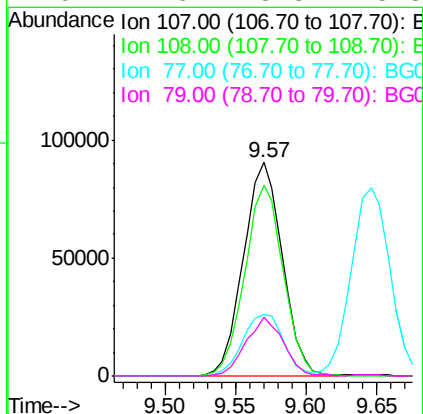
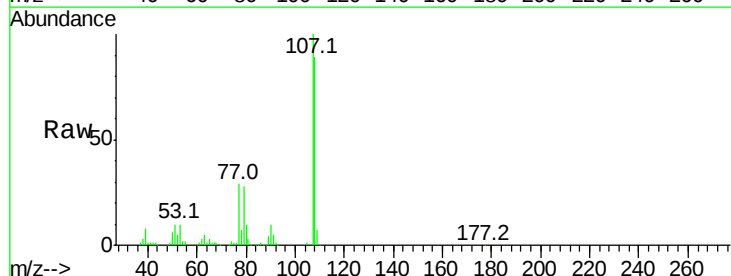
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 95349
Ion Ratio Lower Upper
70 100
42 49.7 49.1 73.7
101 12.6 8.5 12.7
130 29.2 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.877 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion: 107 Resp: 175484
Ion Ratio Lower Upper
107 100
108 89.4 61.6 101.6
77 29.0 13.9 53.9
79 27.6 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 273638

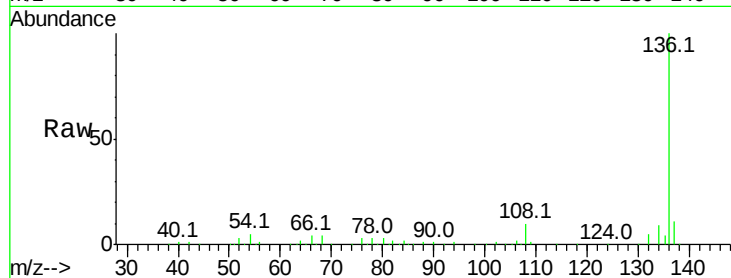
Ion Ratio Lower Upper

136 100

137 10.6 9.2 13.8

54 4.8 10.3 15.5#

68 3.9 4.5 6.7#

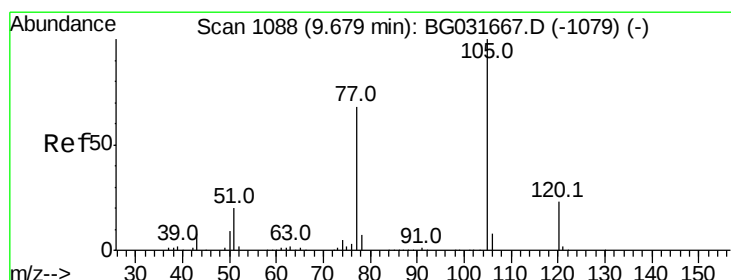
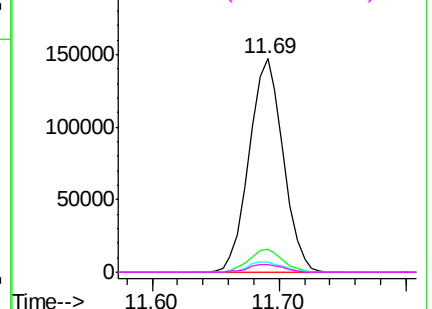
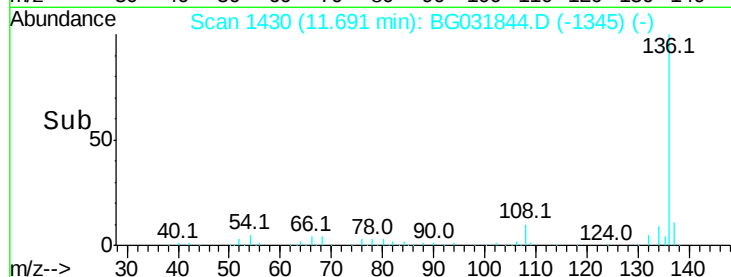


Abundance Ion 136.00 (135.70 to 136.70): E

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: 34.179 ng

RT: 9.65 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Tgt Ion:105 Resp: 217292

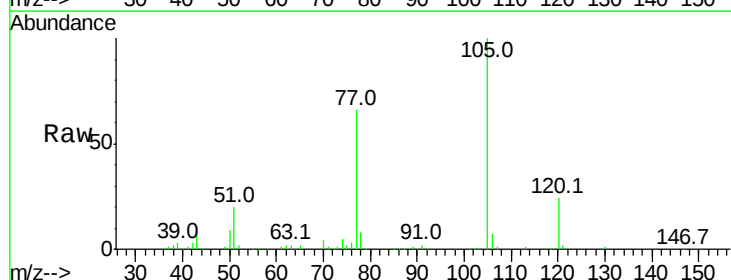
Ion Ratio Lower Upper

105 100

71 1.0 3.0 4.4#

51 20.3 26.1 39.1#

120 23.9 17.4 26.2

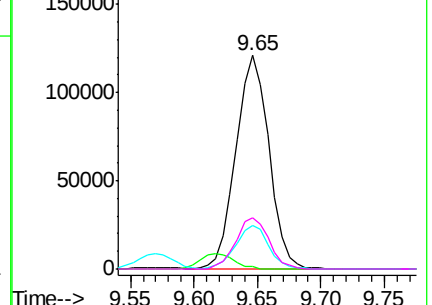
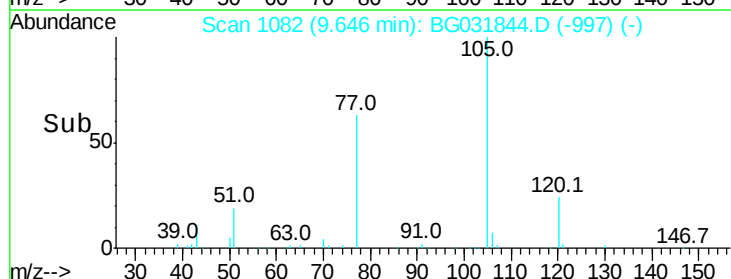


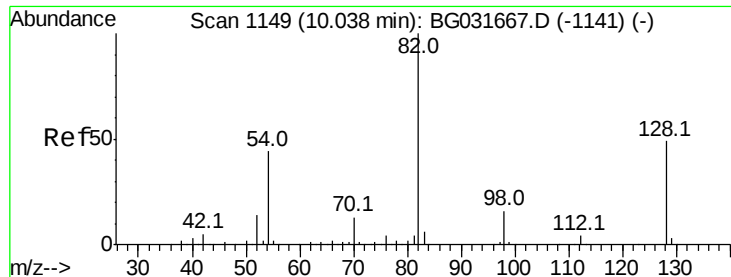
Abundance Ion 105.00 (104.70 to 105.70): E

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

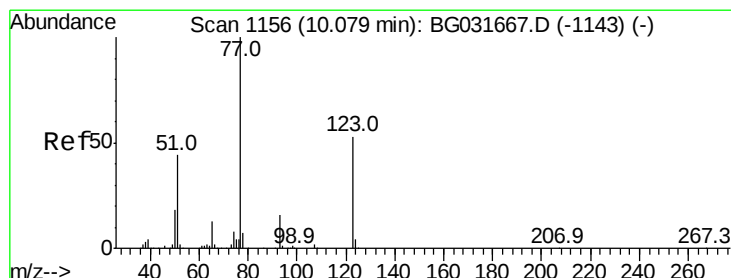
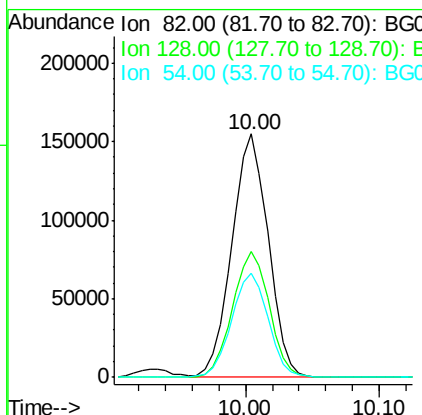
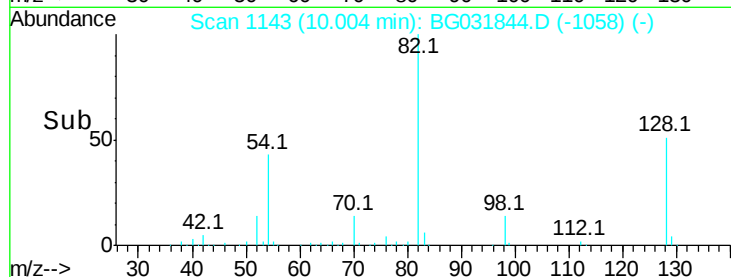
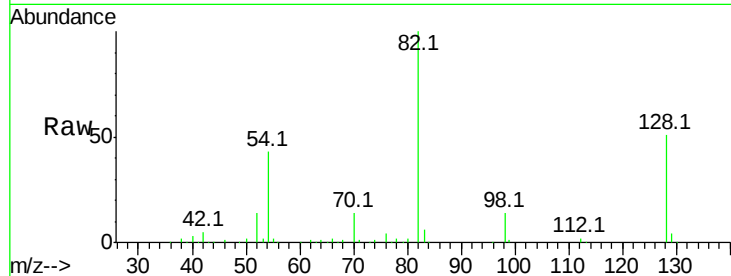




#23
Nitrobenzene-d5
Concen: 80.872 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

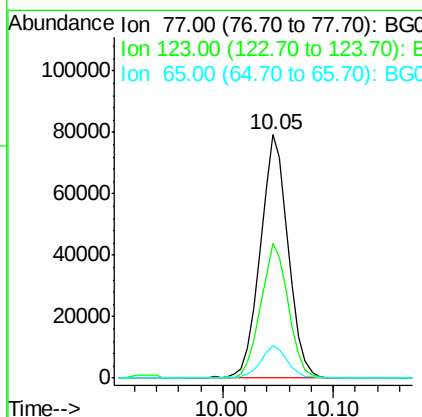
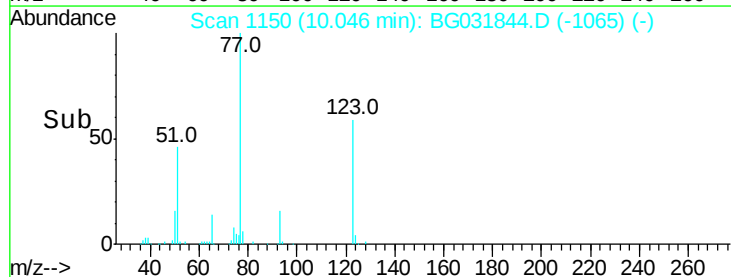
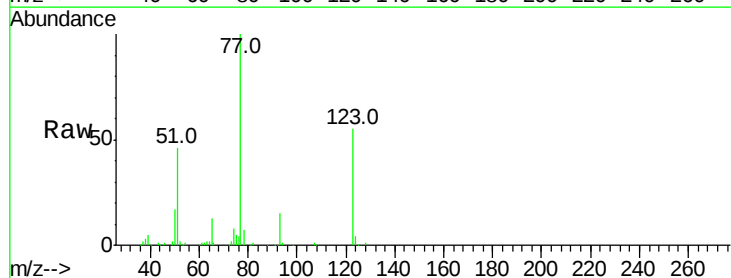
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 293060
Ion Ratio Lower Upper
82 100
128 51.5 29.7 44.5#
54 43.0 43.1 64.7#



#24
Nitrobenzene
Concen: 37.477 ng
RT: 10.05 min Scan# 1150
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion: 77 Resp: 139968
Ion Ratio Lower Upper
77 100
123 55.3 33.0 49.6#
65 13.4 13.0 19.6





#25

Isophorone

Concen: 35.005 ng

RT: 10.57 min Scan# 1239

Delta R.T. -0.04 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

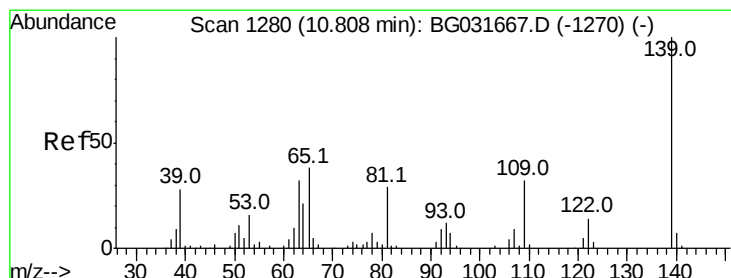
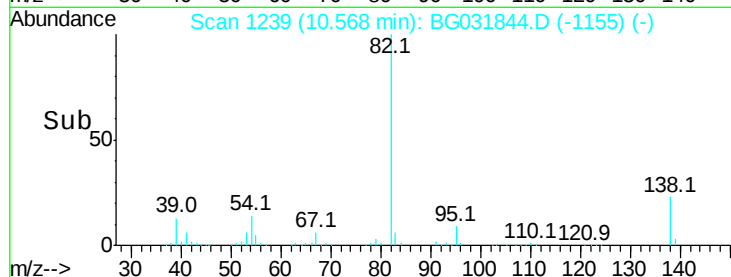
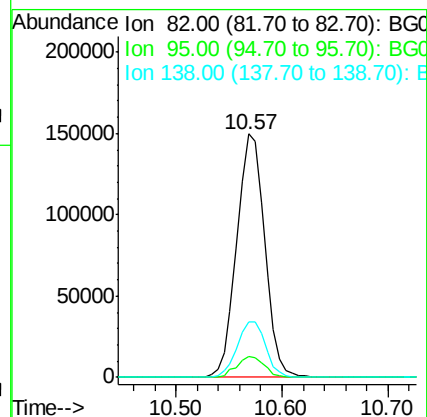
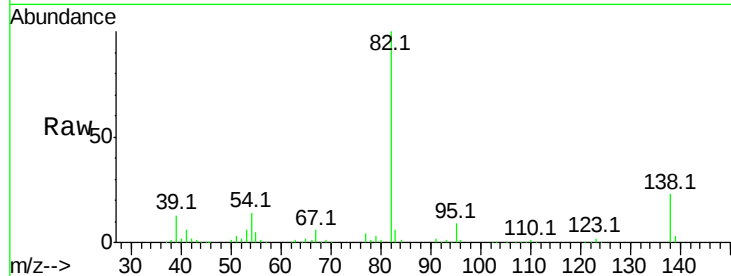
Tot Ion: 82 Resp: 273073

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

138 22.9 12.1 18.1#



#26

2-Nitrophenol

Concen: 48.284 ng

RT: 10.77 min Scan# 1274

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

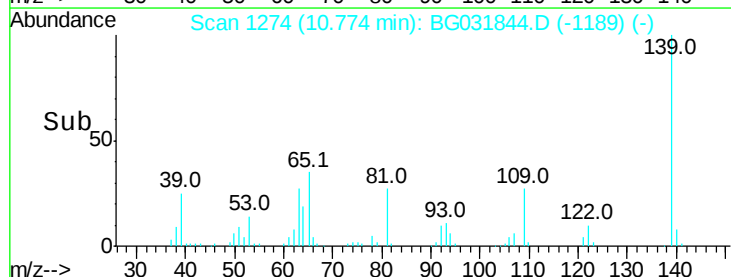
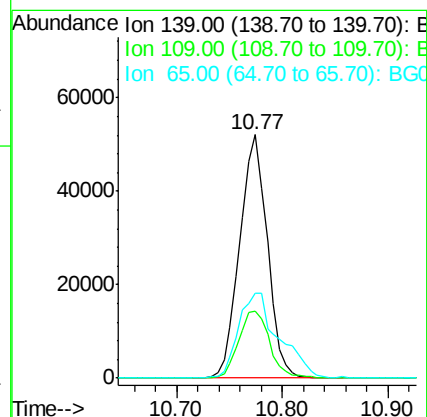
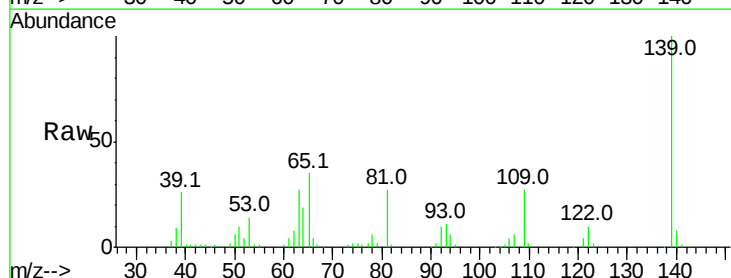
Tgt Ion:139 Resp: 94549

Ion Ratio Lower Upper

139 100

109 27.2 24.2 36.2

65 34.7 47.4 71.0#

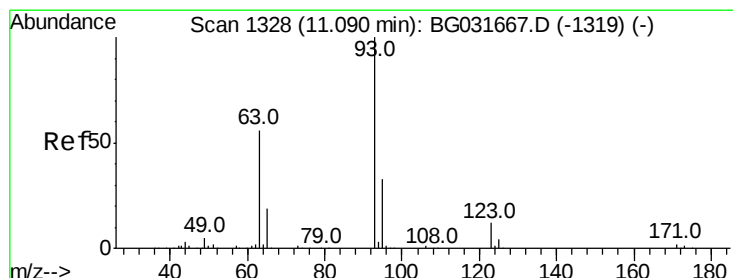
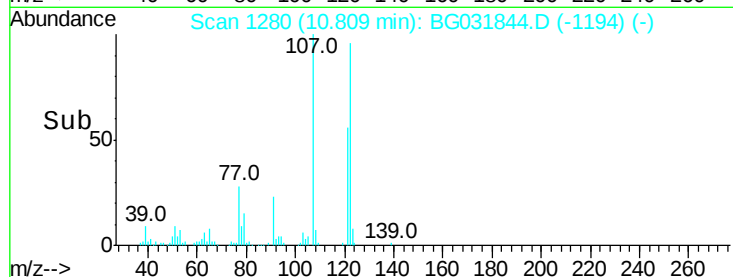
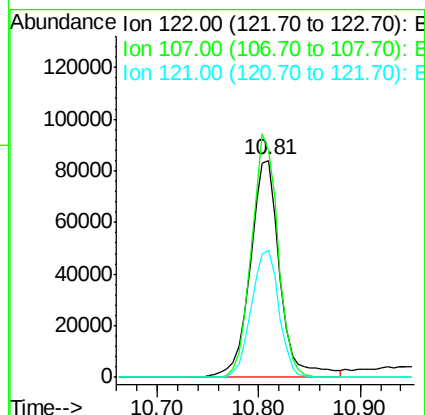
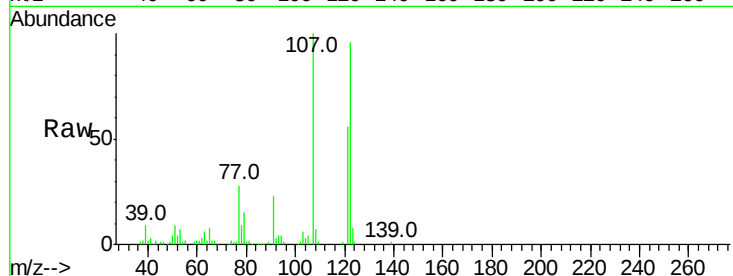




#27
 2,4-Dimethylphenol
 Concen: 41.375 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

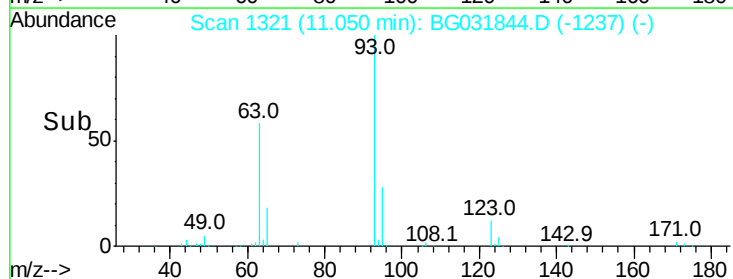
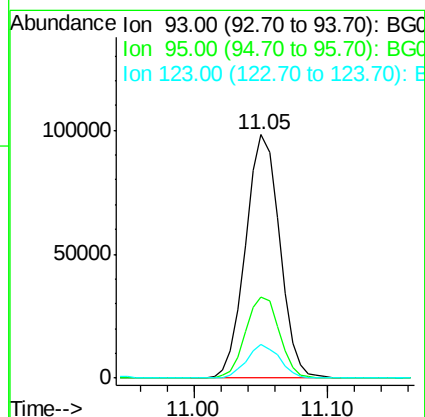
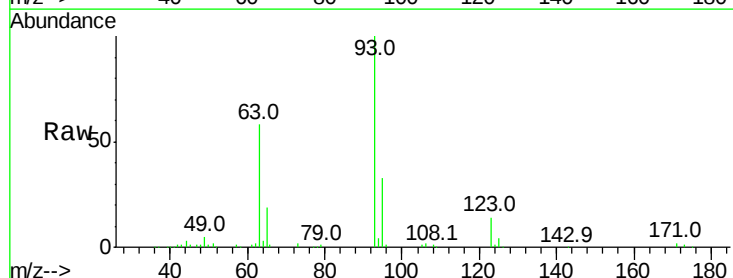
Instrument :
 BNA_G
 ClientSampleId :

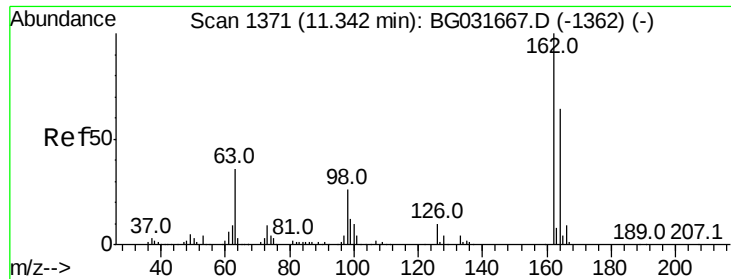
Tot Ion	Ratio	Lower	Upper
122	100		
107	104.6	100.2	150.2
121	58.5	44.4	66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.083 ng
 RT: 11.05 min Scan# 1321
 Delta R.T. -0.04 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.3	36.5
123	13.7	8.4	12.6

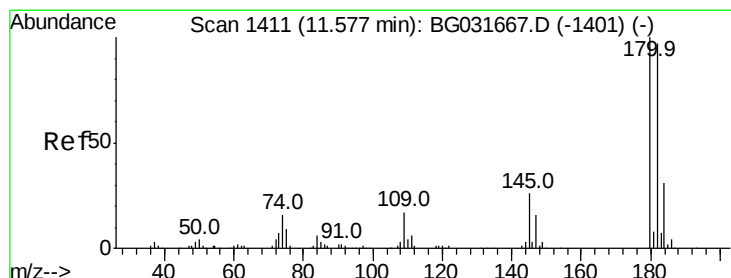
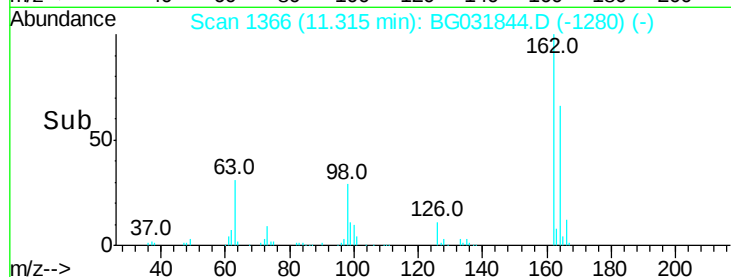
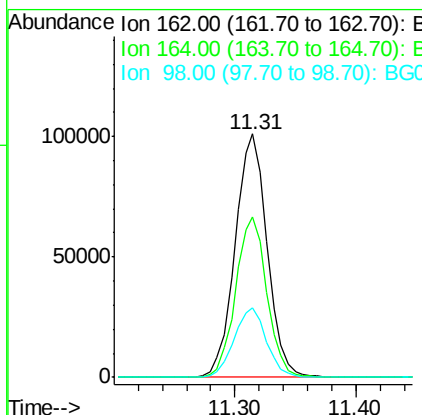
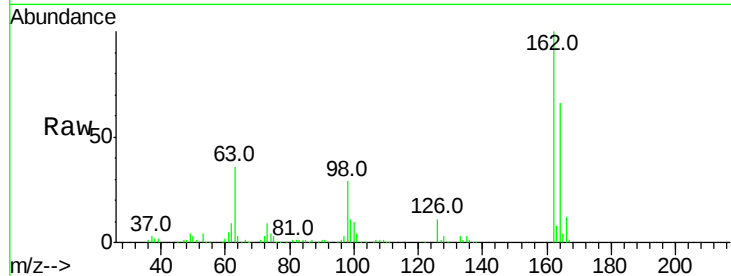




#29
 2,4-Dichlorophenol
 Concen: 38.514 ng
 RT: 11.31 min Scan# 1366
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

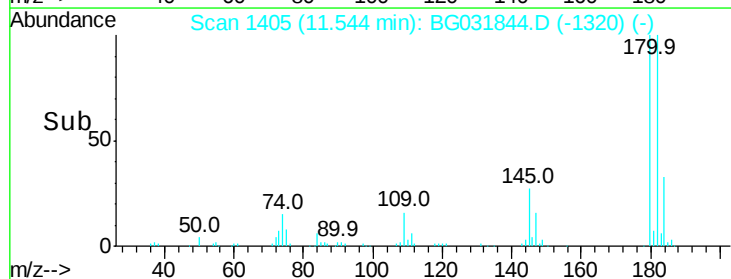
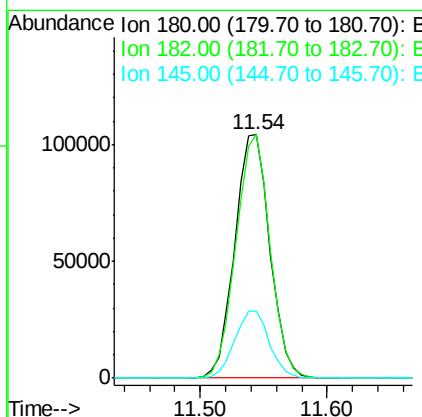
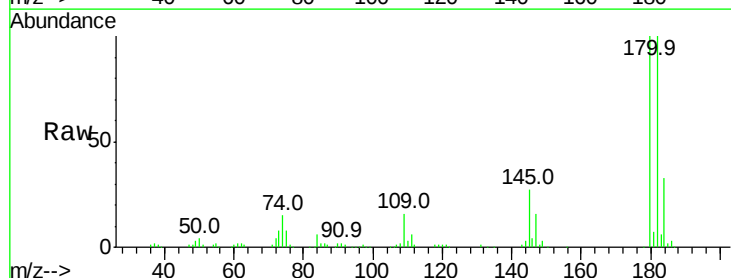
Instrument :
 BNA_G
 ClientSampleId :

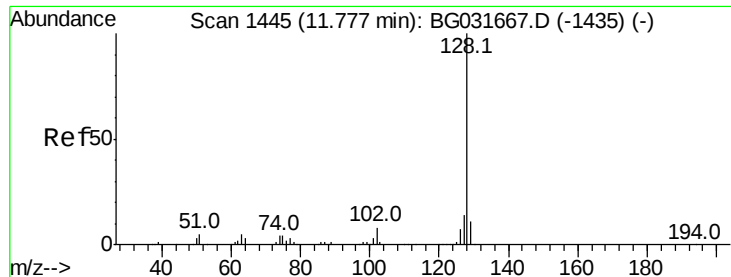
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	48.0	88.0
98	28.7	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.692 ng
 RT: 11.54 min Scan# 1405
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.5	116.3
145	27.5	23.4	35.2

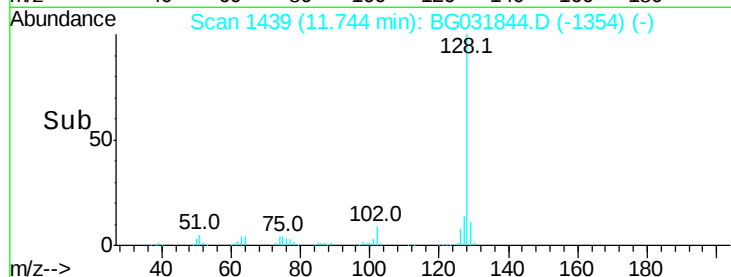
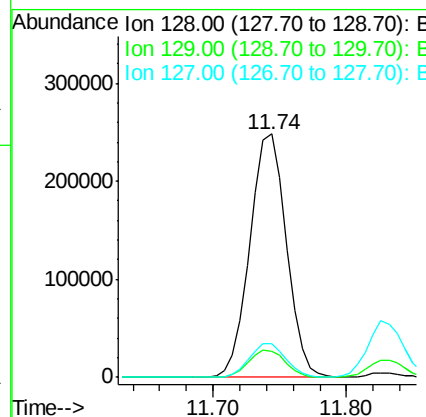
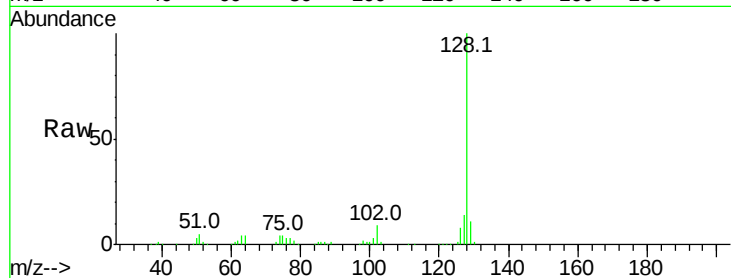




#31
Naphthalene
Concen: 33.968 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

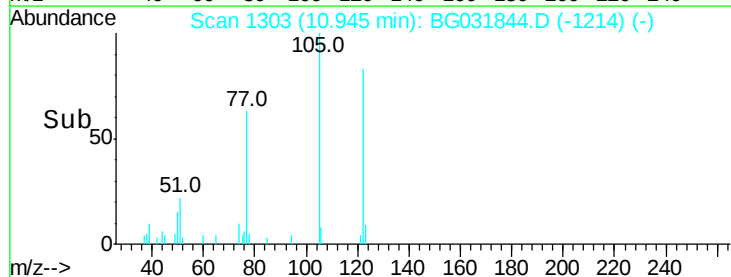
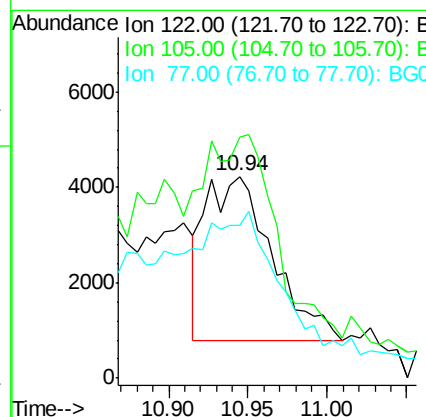
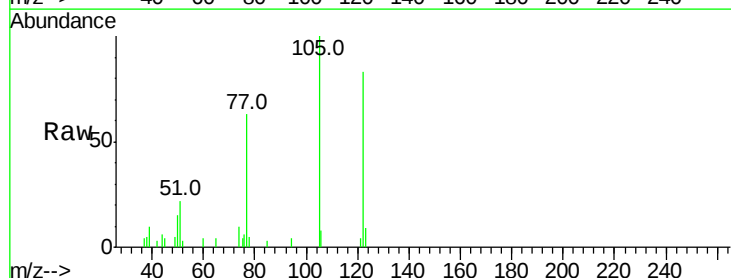
Instrument :
BNA_G
ClientSampleId :

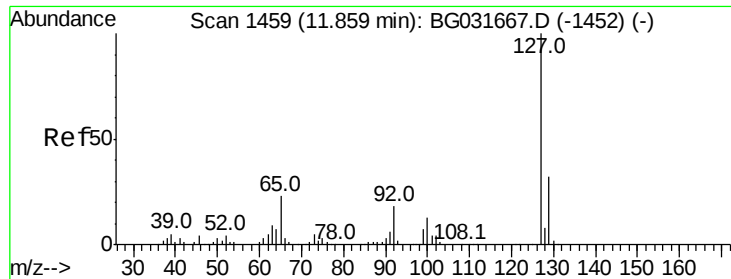
Tot Ion:128 Resp: 469088
Ion Ratio Lower Upper
128 100
129 10.5 8.6 12.8
127 14.0 11.6 17.4



#32
Benzoic acid
Concen: 9.762 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:122 Resp: 10017
Ion Ratio Lower Upper
122 100
105 119.8 123.5 163.5#
77 75.9 85.7 125.7#

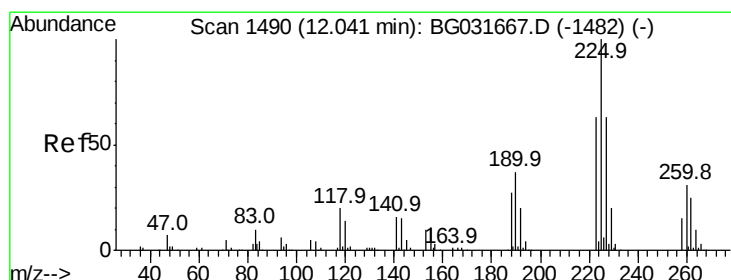
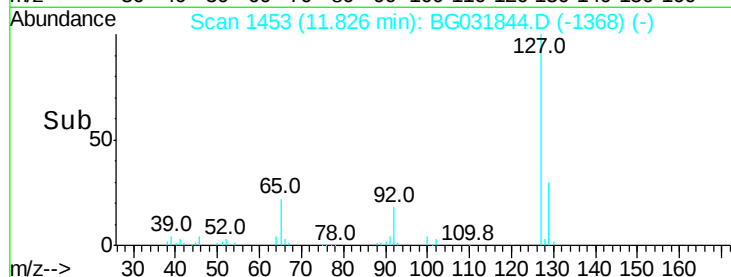
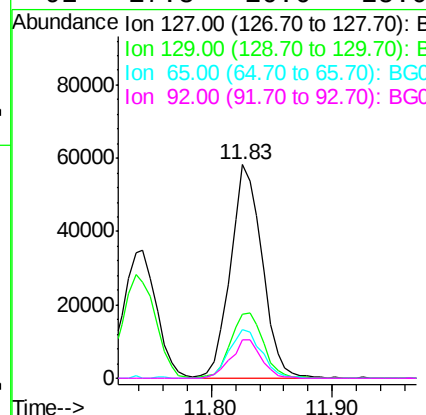
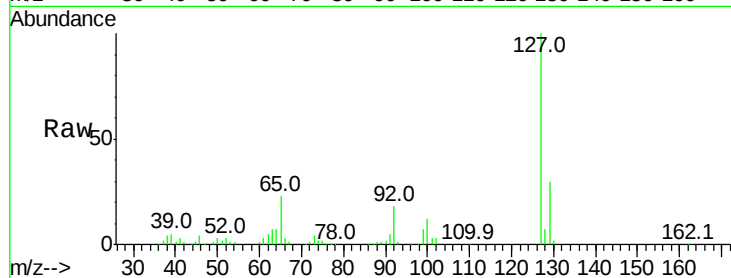




#33
4-Chloroaniline
Concen: 17.330 ng
RT: 11.83 min Scan# 1453
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

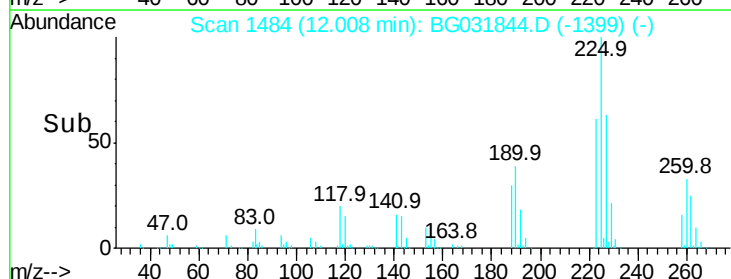
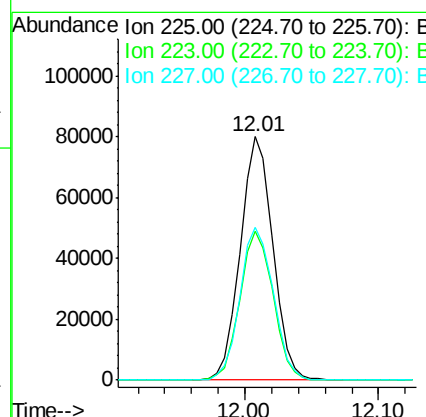
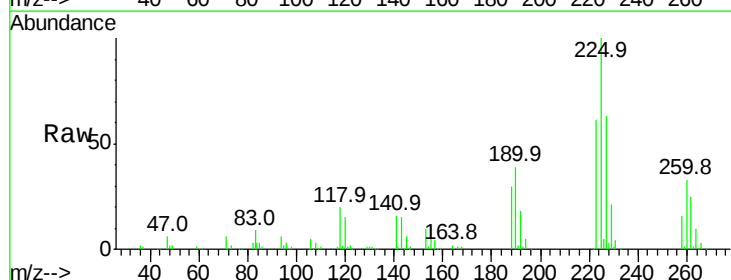
Instrument :
BNA_G
ClientSampleId :

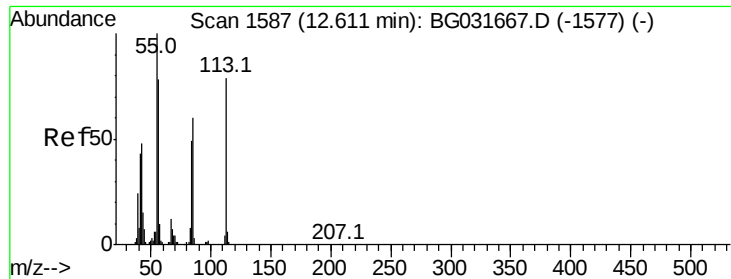
Tot Ion:	127	Resp:	106552
Ion	Ratio	Lower	Upper
127	100		
129	30.0	24.0	36.0
65	22.7	27.0	40.4#
92	17.8	16.6	25.0



#34
Hexachlorobutadiene
Concen: 33.200 ng
RT: 12.01 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:	225	Resp:	134626
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.7	74.5
227	62.6	48.1	72.1





#35

Caprolactam

Concen: 36.050 ng

RT: 12.58 min Scan# 1581

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

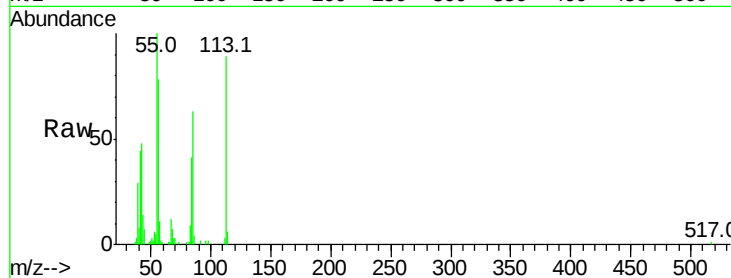
Tot Ion:113 Resp: 52861

Ion Ratio Lower Upper

113 100

55 112.6 186.9 226.9#

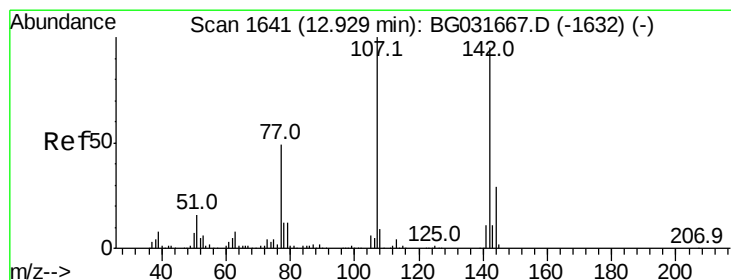
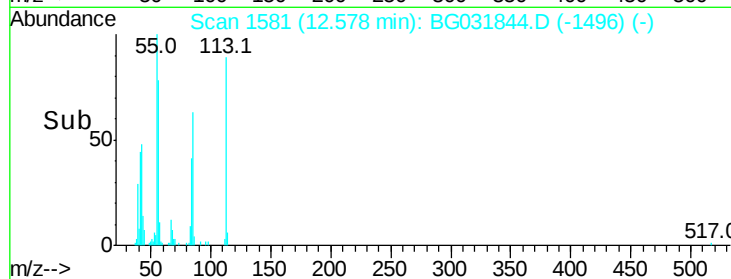
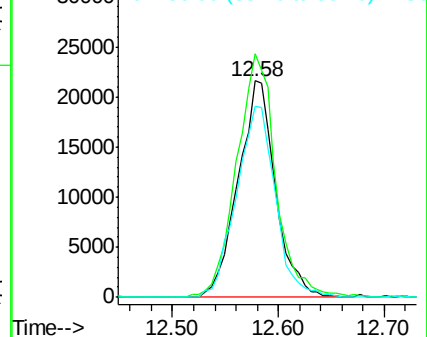
56 88.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG031667.D (-1577) (-)

Ion 56.00 (55.70 to 56.70): BG031667.D (-1577) (-)



#36

4-Chloro-3-methylphenol

Concen: 36.877 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

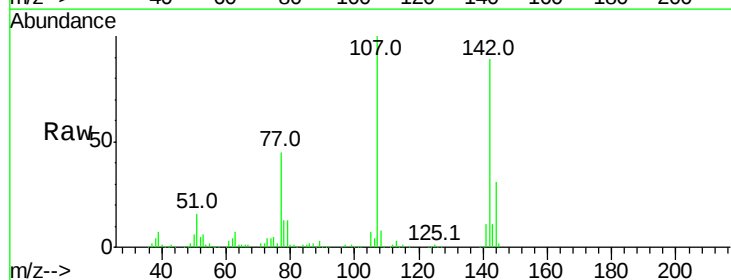
Tgt Ion:107 Resp: 164754

Ion Ratio Lower Upper

107 100

144 30.5 18.2 27.4#

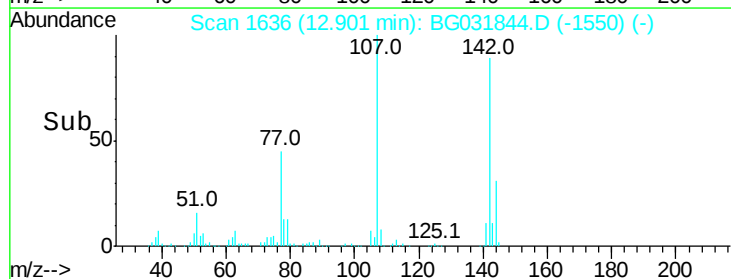
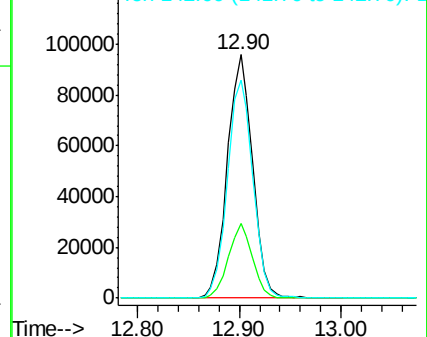
142 89.4 59.0 88.4#

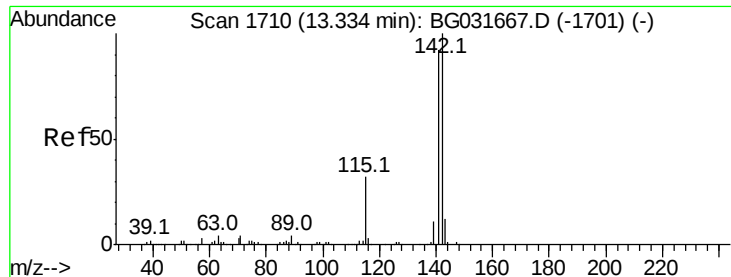


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

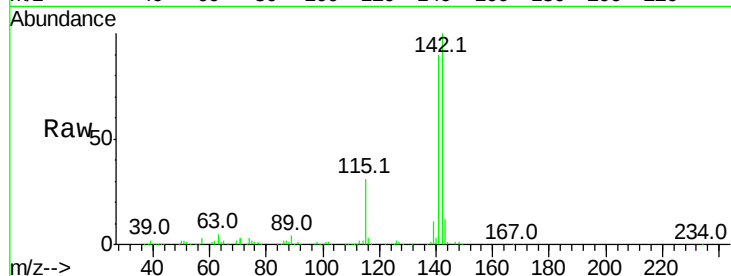




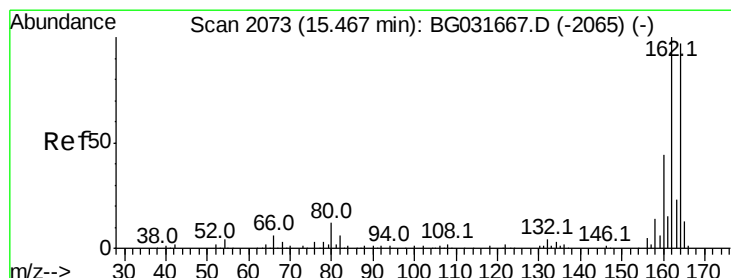
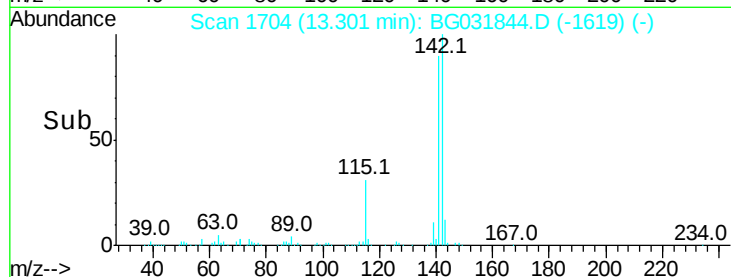
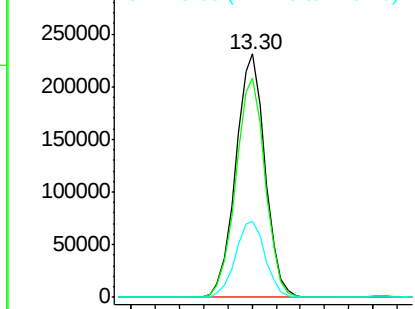
#37
2-Methylnaphthalene
Concen: 34.774 ng
RT: 13.30 min Scan# 1704
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 389303
Ion Ratio Lower Upper
142 100
141 90.3 67.1 100.7
115 31.2 30.7 46.1

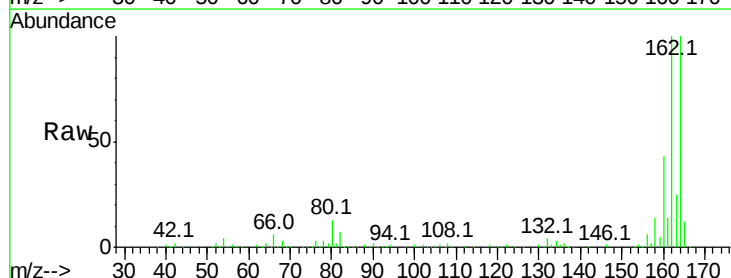


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

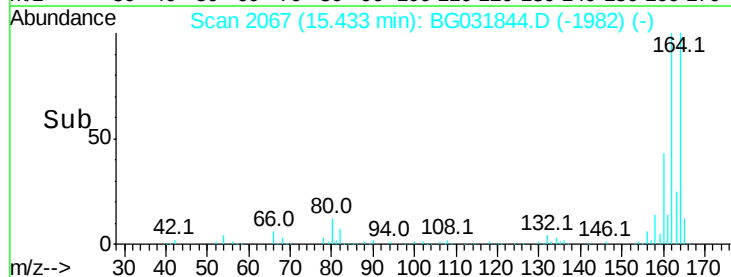
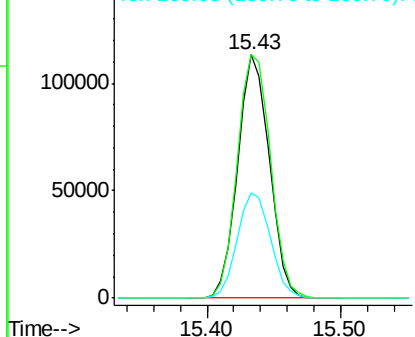


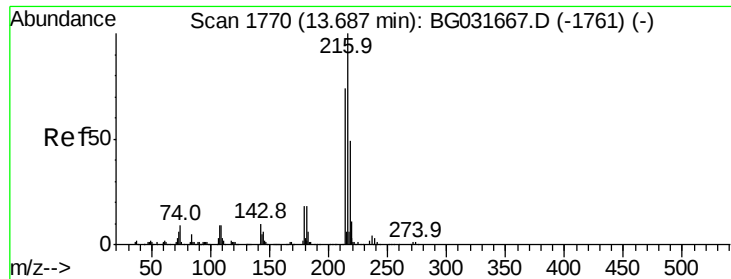
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.43 min Scan# 2067
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:164 Resp: 185326
Ion Ratio Lower Upper
164 100
162 100.0 78.8 118.2
160 43.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

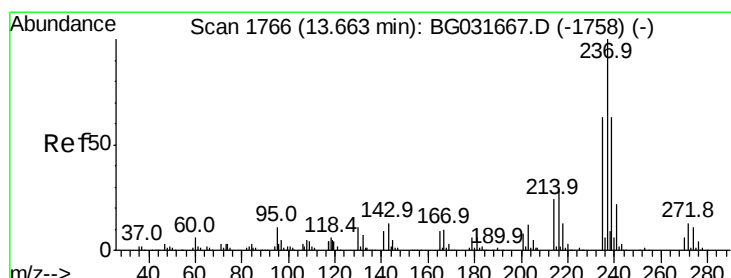
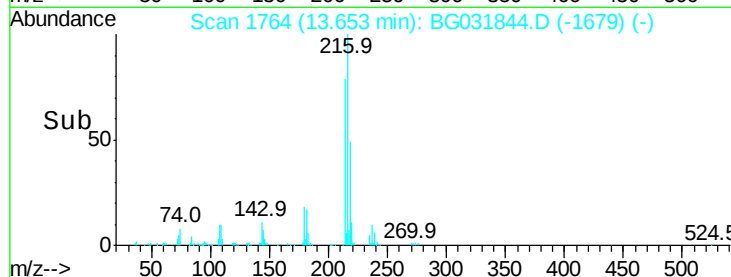
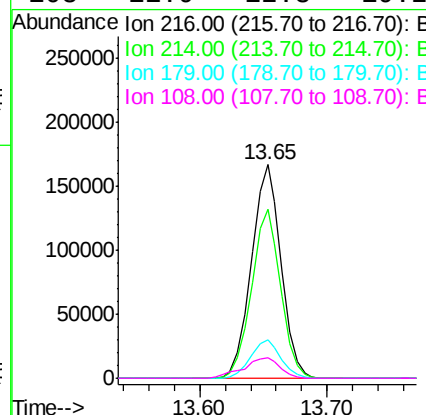
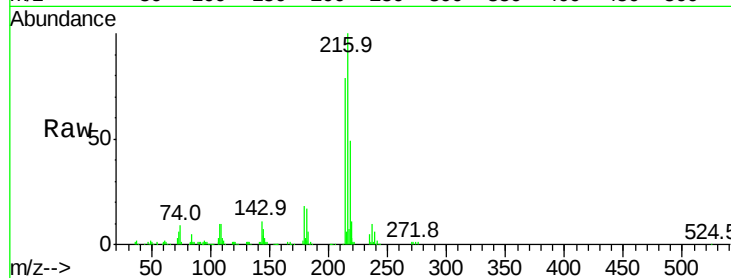




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.568 ng
 RT: 13.65 min Scan# 1764
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

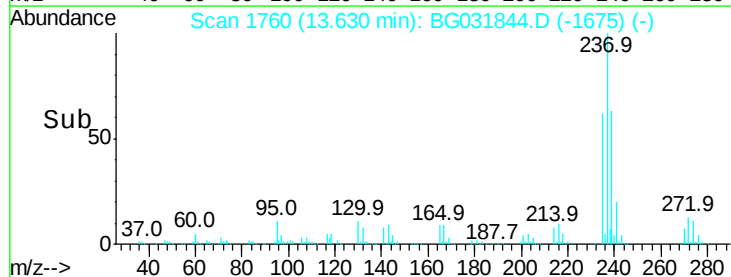
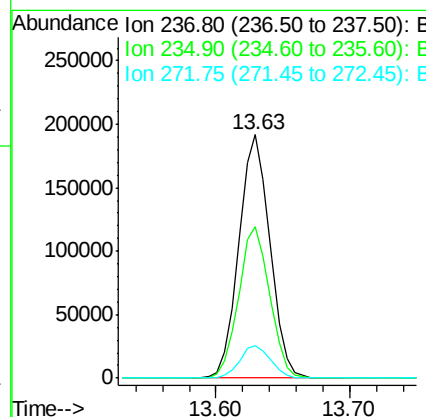
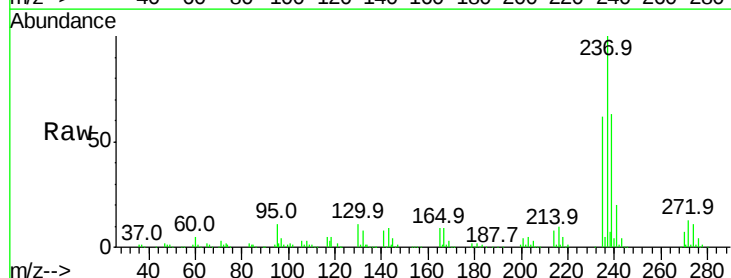
Instrument :
 BNA_G
 ClientSampleId :

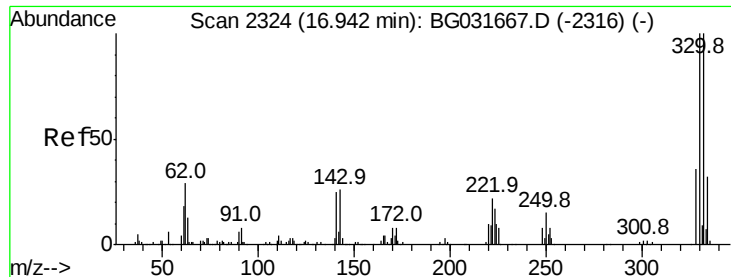
Tot Ion:216 Resp: 269842
 Ion Ratio Lower Upper
 216 100
 214 77.8 63.0 94.4
 179 18.3 17.0 25.6
 108 11.9 12.8 19.2#



#40
 Hexachlorocyclopentadiene
 Concen: 74.810 ng
 RT: 13.63 min Scan# 1760
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:237 Resp: 308070
 Ion Ratio Lower Upper
 237 100
 235 62.1 50.4 90.4
 272 13.1 0.0 31.8





#41

2,4,6-Tribromophenol

Concen: 117.321 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampled :

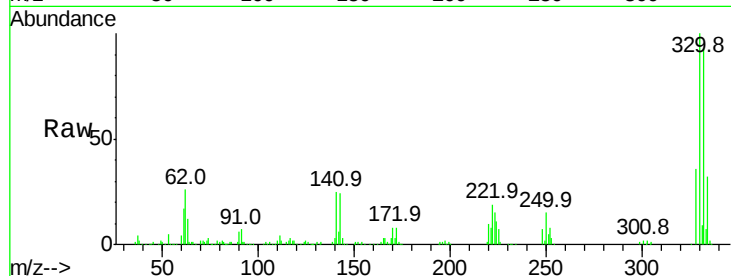
Tot Ion:330 Resp: 331763

Ion Ratio Lower Upper

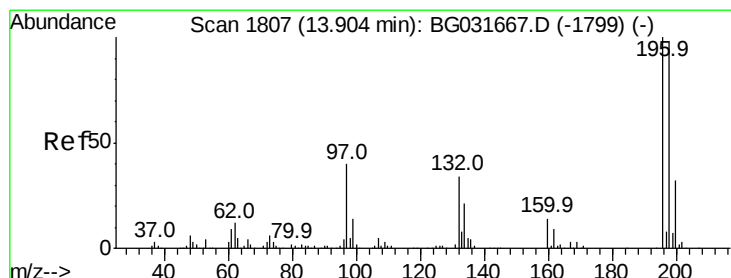
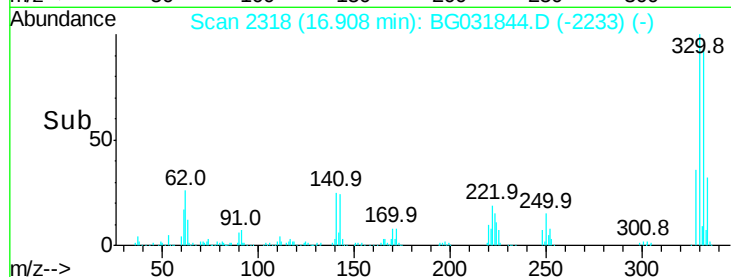
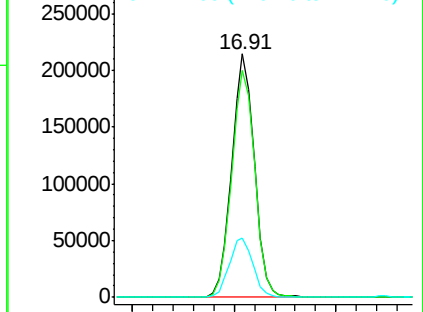
330 100

332 95.4 77.0 115.6

141 25.5 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: 37.258 ng

RT: 13.88 min Scan# 1802

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

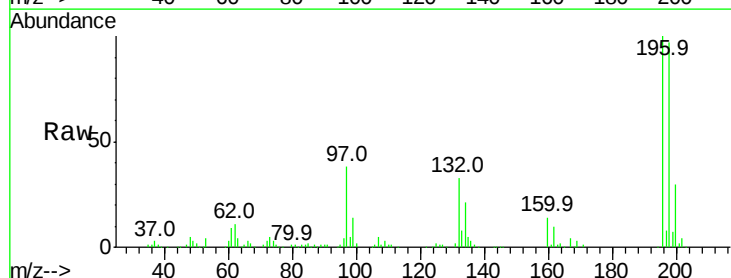
Tgt Ion:196 Resp: 167685

Ion Ratio Lower Upper

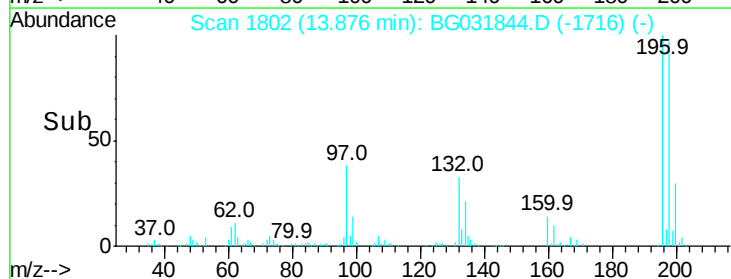
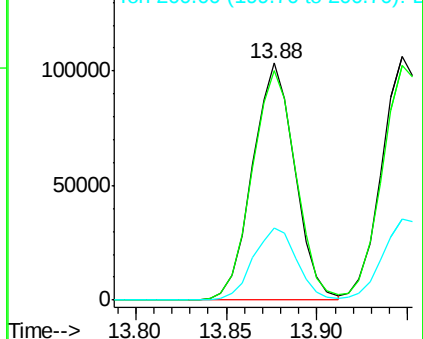
196 100

198 96.9 78.2 117.2

200 30.4 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

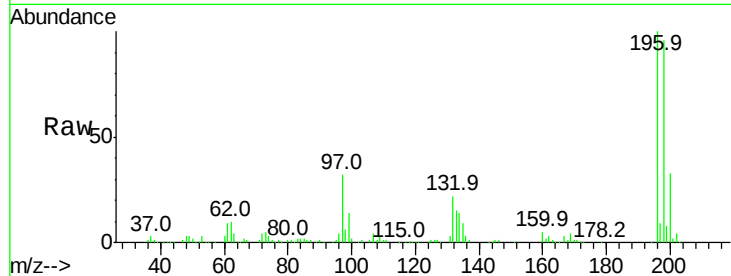




#43
 2,4,5-Trichlorophenol
 Concen: 36.547 ng
 RT: 13.95 min Scan# 1814
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.2	76.2	114.4
97	32.2	38.7	58.1
132	21.9	20.2	30.2



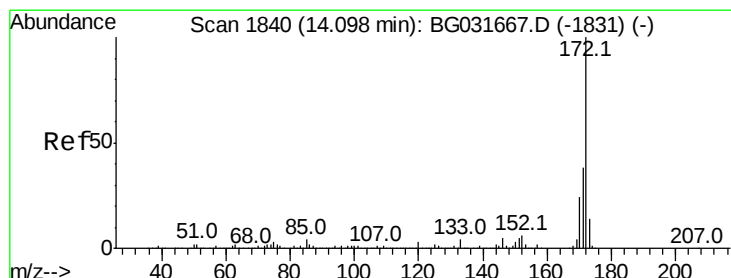
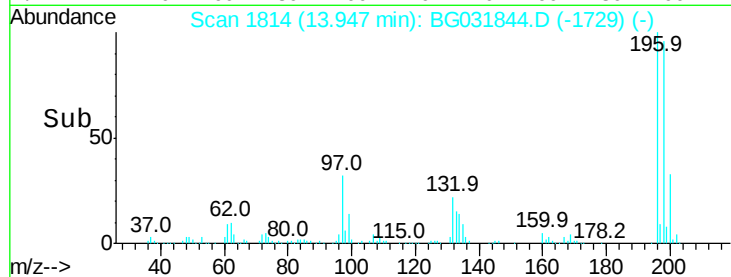
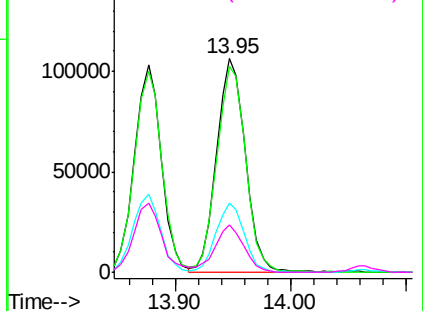
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

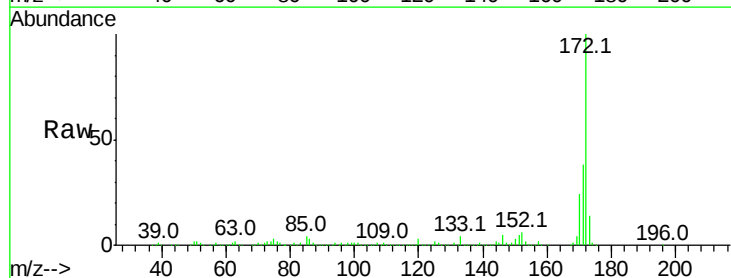
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 69.966 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.5	19.5	29.3

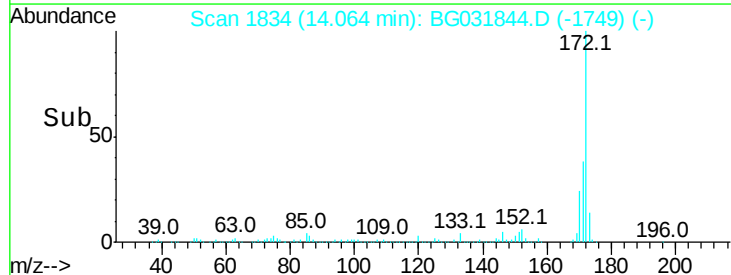
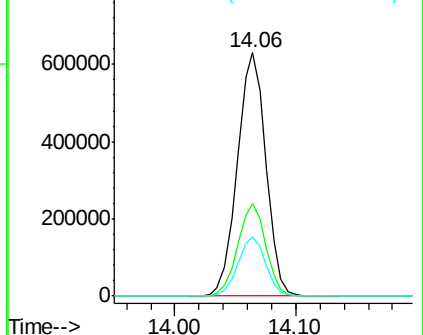


Abundance

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

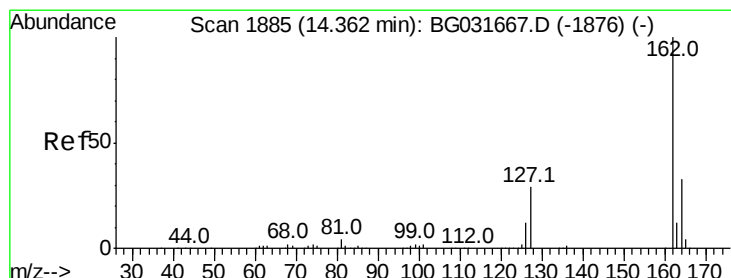
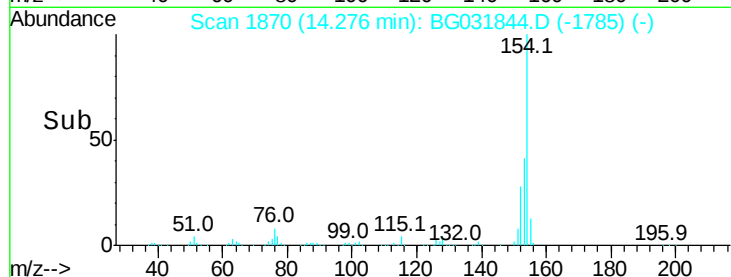
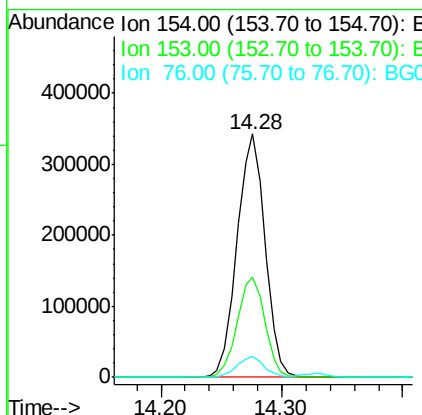
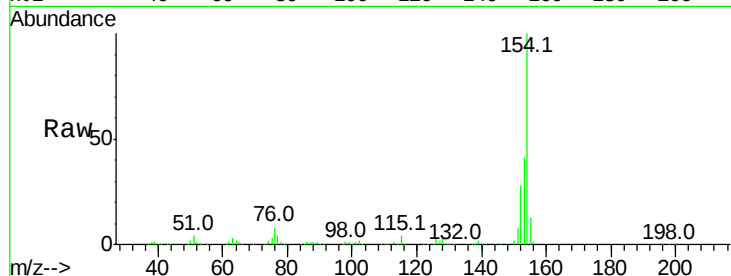




#45
 1,1'-Biphenyl
 Concen: 35.003 ng
 RT: 14.28 min Scan# 1870
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

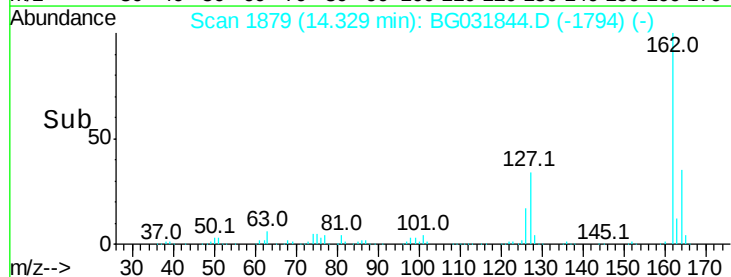
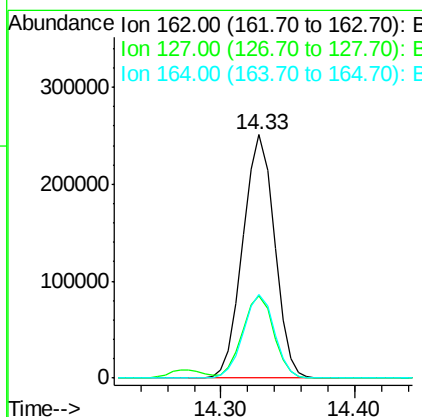
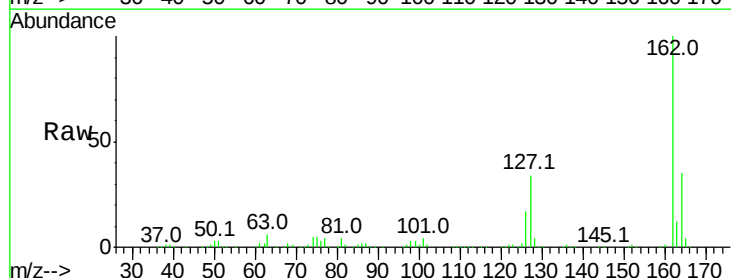
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:154 Resp: 554056
 Ion Ratio Lower Upper
 154 100
 153 41.2 19.8 59.8
 76 8.4 0.0 31.9



#46
 2-Chloronaphthalene
 Concen: 34.144 ng
 RT: 14.33 min Scan# 1879
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:162 Resp: 412232
 Ion Ratio Lower Upper
 162 100
 127 33.9 30.7 46.1
 164 34.5 26.0 39.0





#47

2-Nitroaniline

Concen: 42.336 ng

RT: 14.51 min Scan# 1910

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

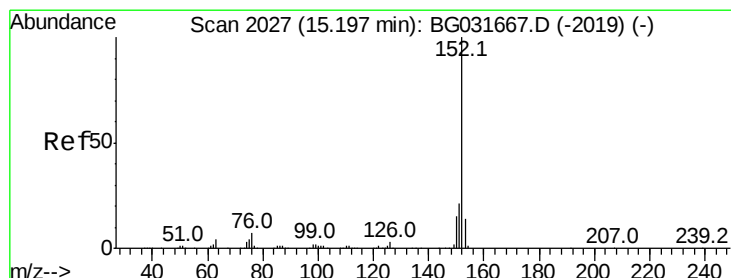
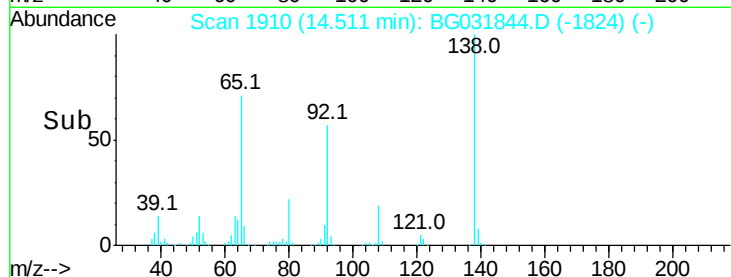
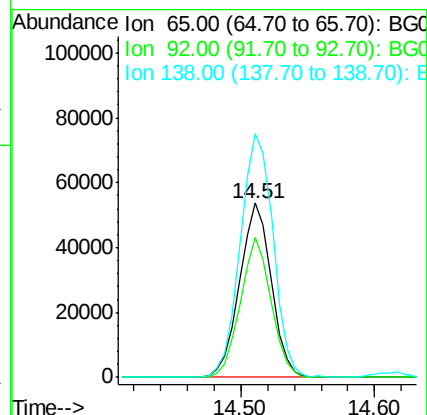
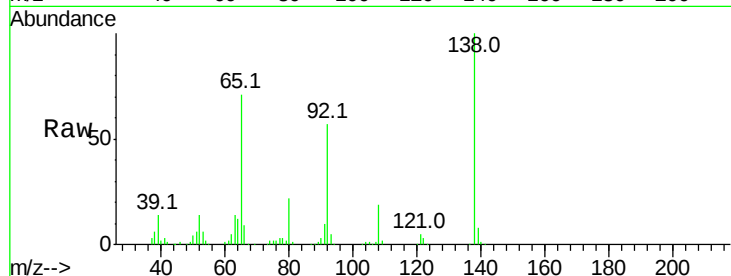
Tot Ion: 65 Resp: 88278

Ion Ratio Lower Upper

65 100

92 80.5 54.6 82.0

138 140.0 72.9 109.3#



#48

Acenaphthylene

Concen: 32.189 ng

RT: 15.16 min Scan# 2021

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

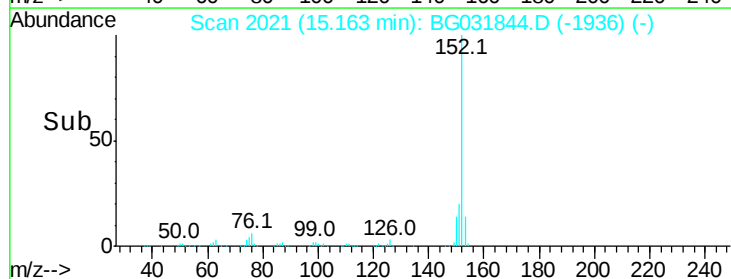
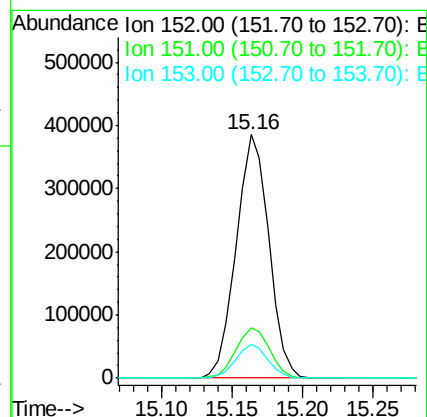
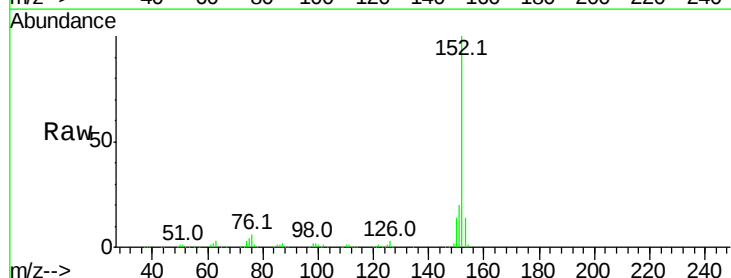
Tgt Ion: 152 Resp: 621747

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

153 13.9 10.2 15.4





#49

Dimethylphthalate

Concen: 36.709 ng

RT: 14.86 min Scan# 1970

Delta R.T. -0.04 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

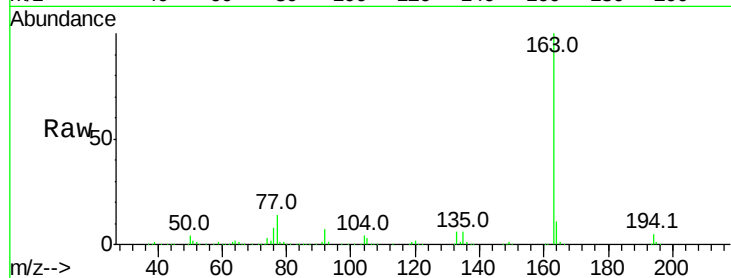
Tot Ion:163 Resp: 599326

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

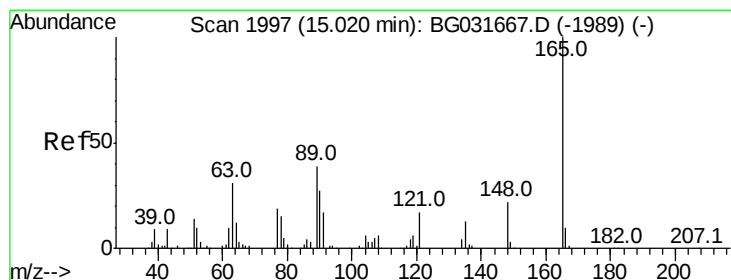
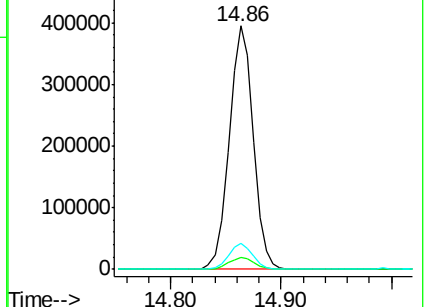
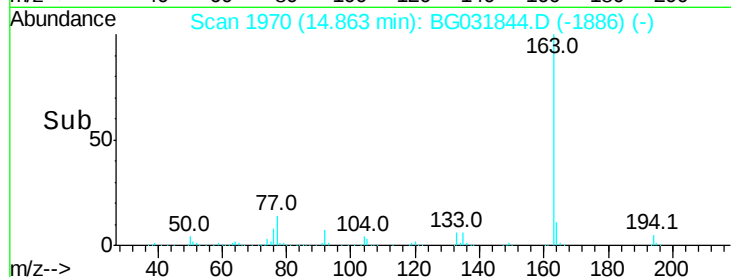
164 10.9 8.2 12.4



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: 40.067 ng

RT: 14.99 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

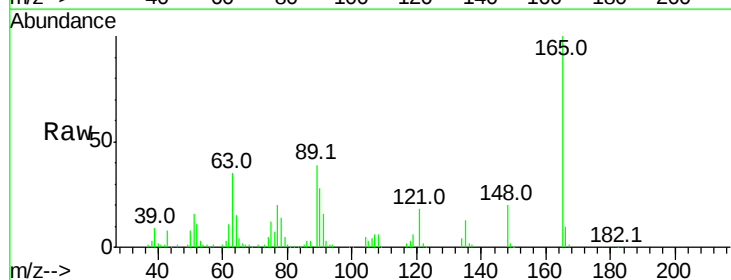
Tgt Ion:165 Resp: 120338

Ion Ratio Lower Upper

165 100

63 35.4 52.7 79.1#

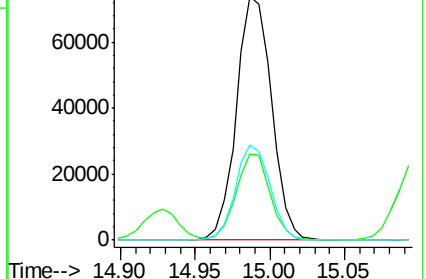
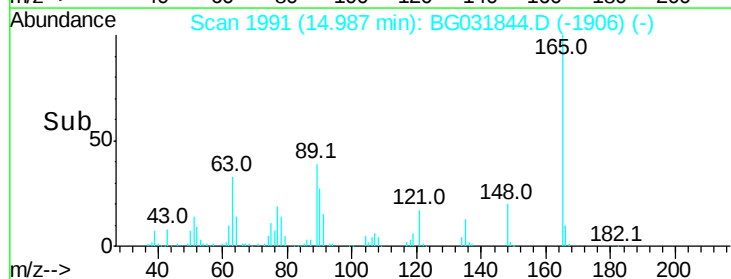
89 39.1 49.2 73.8#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 32.329 ng

RT: 15.50 min Scan# 2078

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

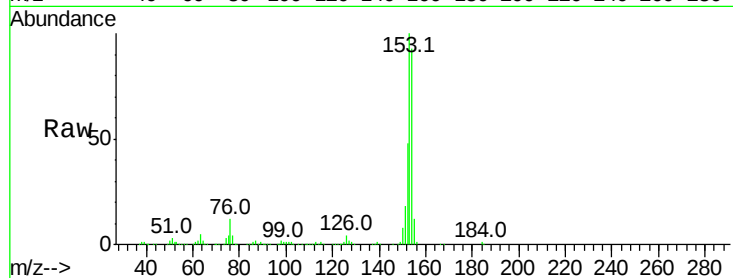
Tot Ion:154 Resp: 408958

Ion Ratio Lower Upper

154 100

153 107.8 90.4 135.6

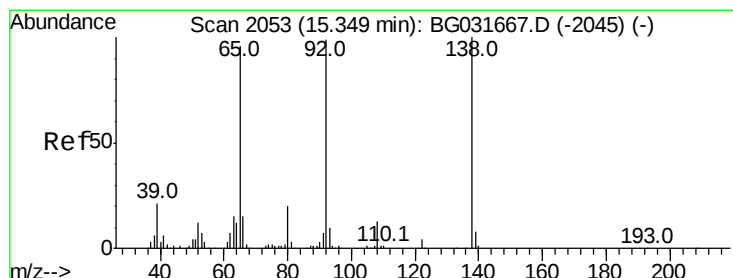
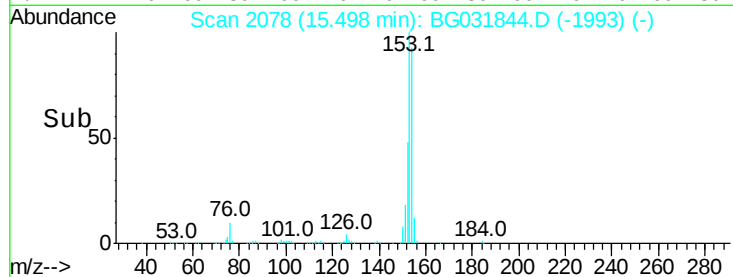
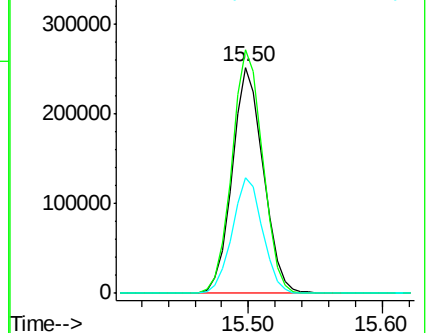
152 51.3 41.6 62.4



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: 26.891 ng

RT: 15.32 min Scan# 2047

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

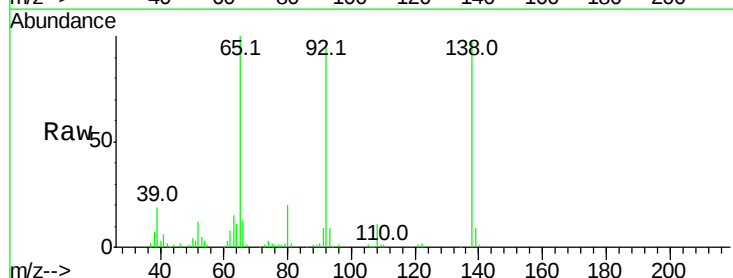
Tgt Ion:138 Resp: 78798

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

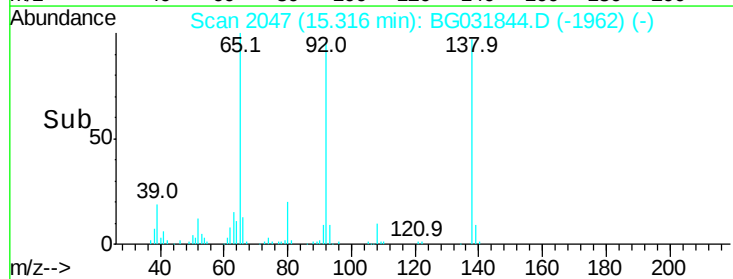
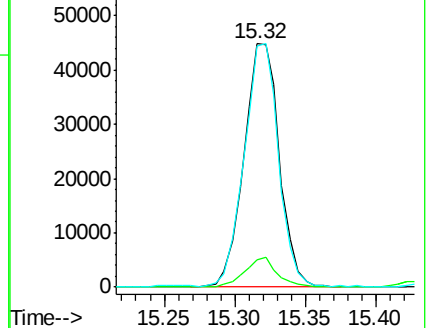
92 99.1 105.8 158.8#



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

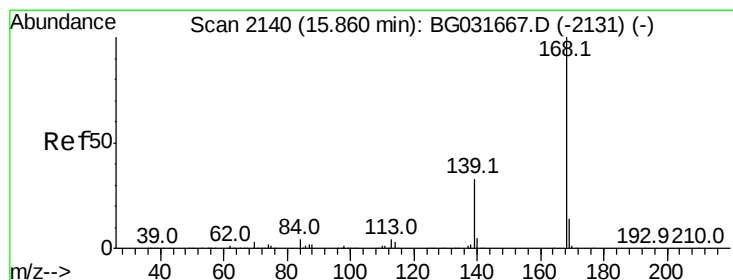
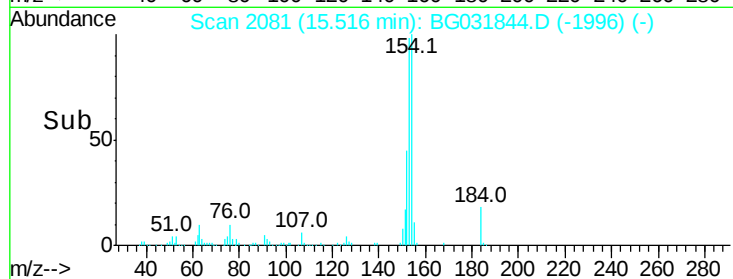
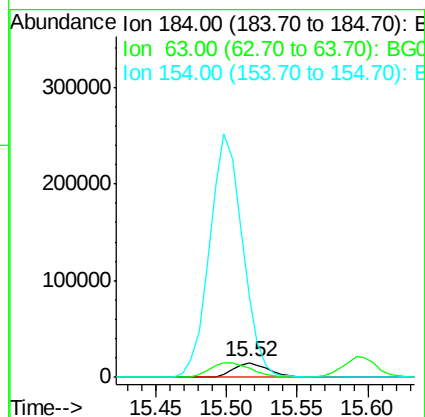
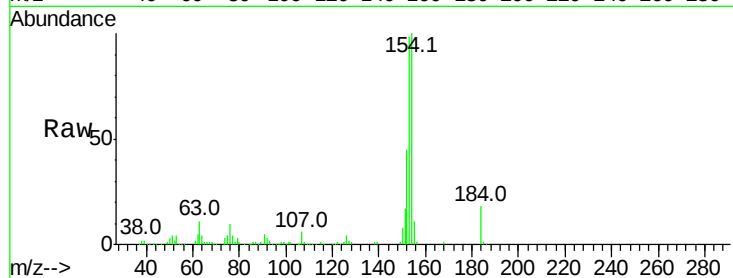




#53
 2,4-Dinitrophenol
 Concen: 27.295 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

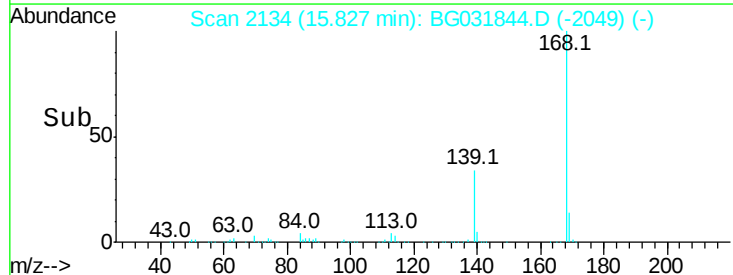
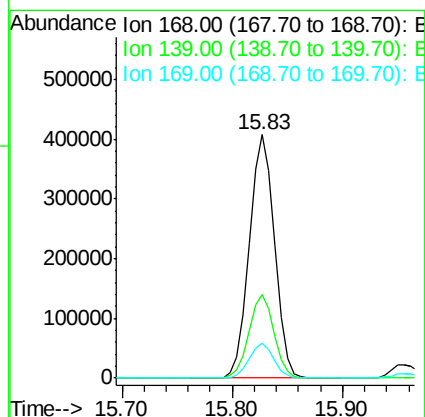
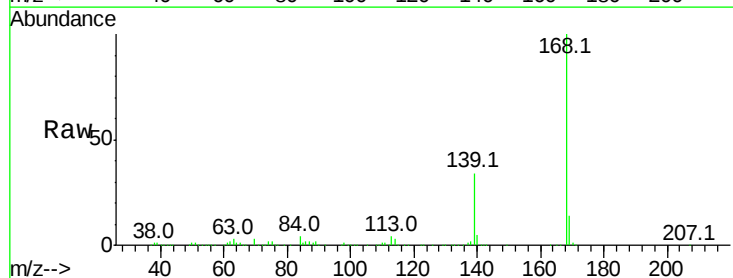
Instrument :
 BNA_G
 ClientSampleId :

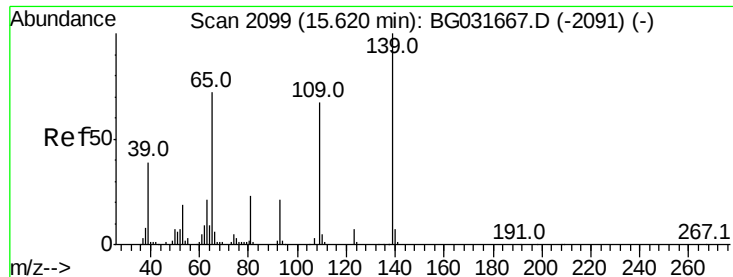
Tot Ion:184 Resp: 27733
 Ion Ratio Lower Upper
 184 100
 63 59.8 59.8 89.8#
 154 540.9 101.8 152.8#



#54
 Dibenzofuran
 Concen: 33.634 ng
 RT: 15.83 min Scan# 2134
 Delta R.T. -0.03 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:168 Resp: 652202
 Ion Ratio Lower Upper
 168 100
 139 34.3 28.6 43.0
 169 14.1 11.2 16.8





#55

4-Nitrophenol

Concen: 69.561 ng

RT: 15.60 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

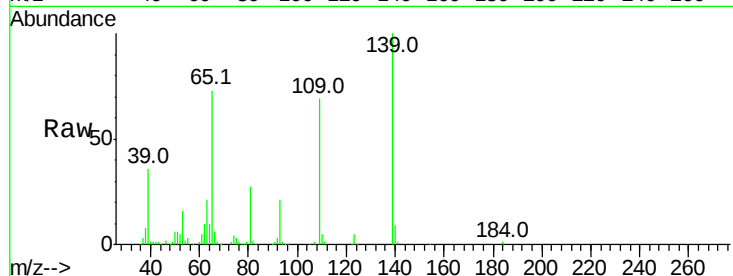
Tot Ion:139 Resp: 165901

Ion Ratio Lower Upper

139 100

109 68.6 62.2 102.2

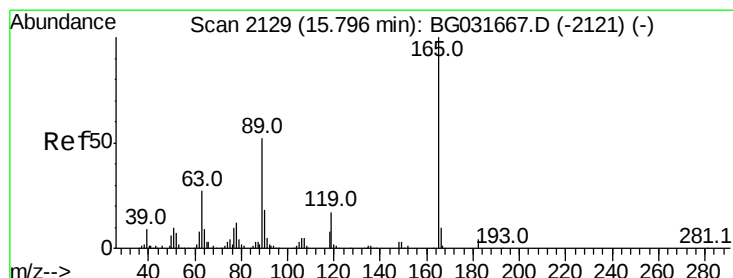
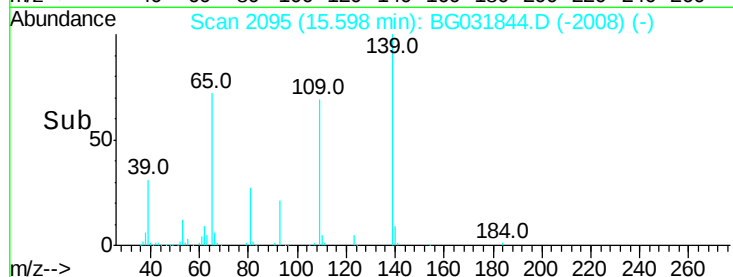
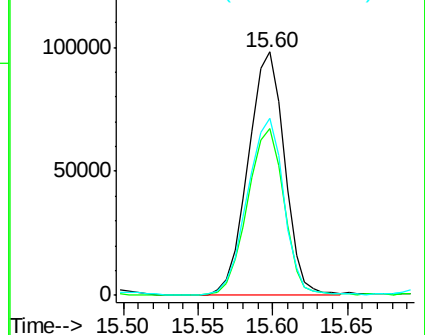
65 72.7 97.2 137.2#



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: 43.181 ng

RT: 15.77 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Tgt Ion:165 Resp: 166768

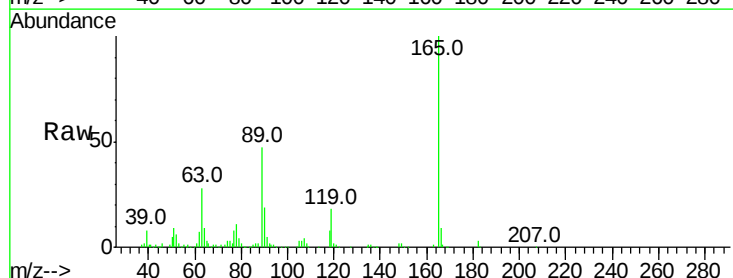
Ion Ratio Lower Upper

165 100

63 27.8 42.0 63.0#

89 47.3 66.9 100.3#

182 3.5 2.6 3.8

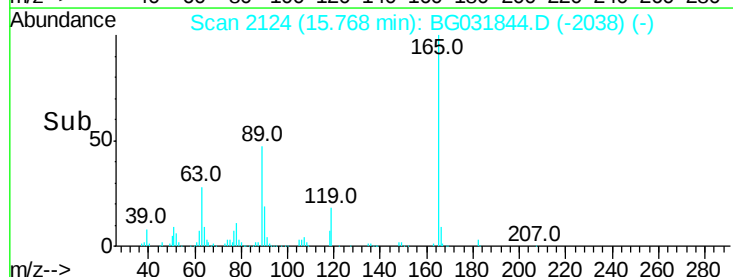
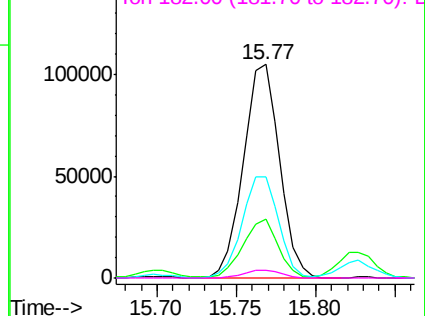


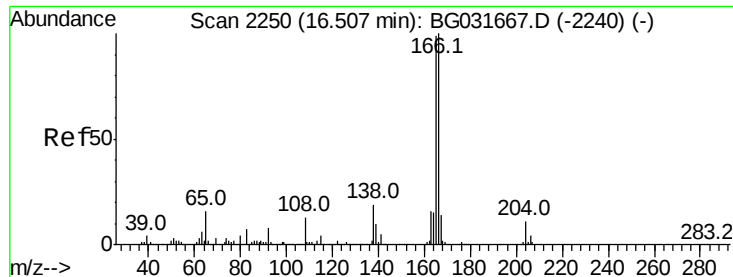
Abundance Ion 165.00 (164.70 to 165.70): E

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: 32.686 ng

RT: 16.47 min Scan# 2244

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

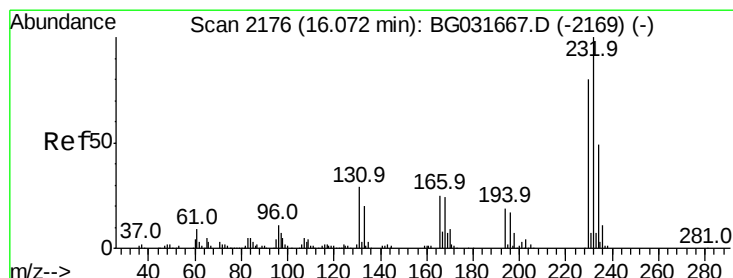
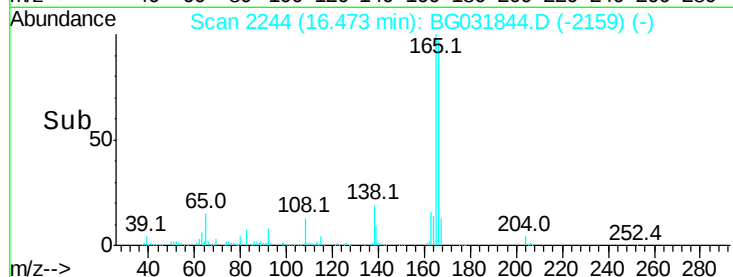
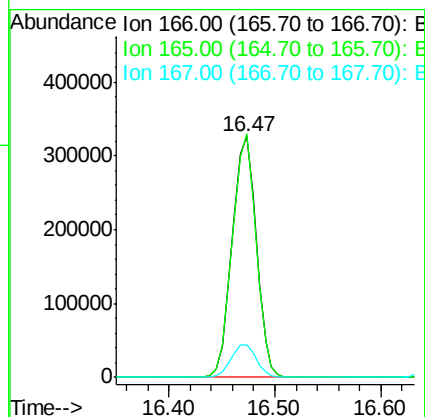
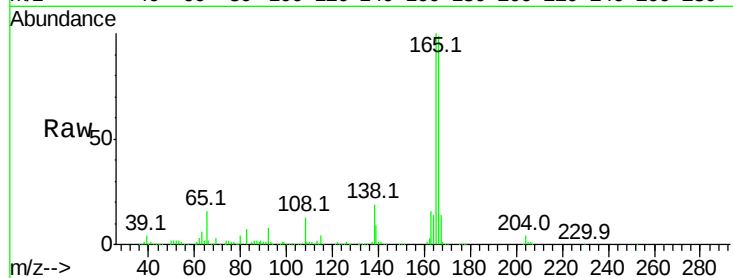
Tot Ion:166 Resp: 514899

Ion Ratio Lower Upper

166 100

165 101.2 80.6 121.0

167 13.7 10.4 15.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.813 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Tgt Ion:232 Resp: 184007

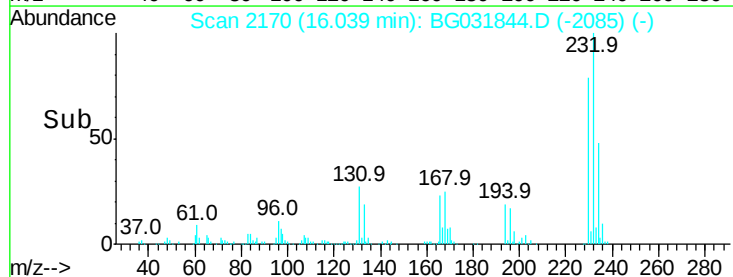
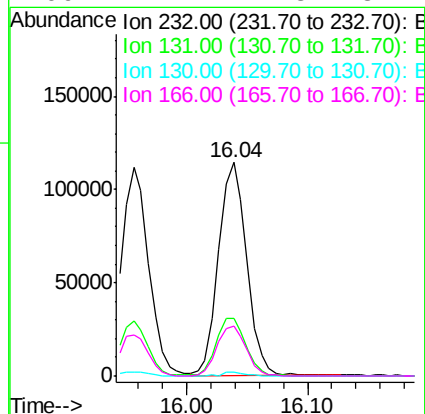
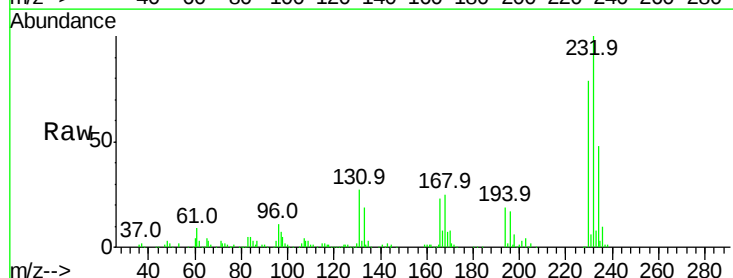
Ion Ratio Lower Upper

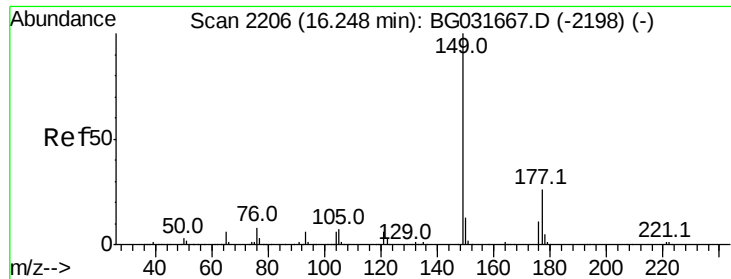
232 100

131 28.4 33.5 50.3#

130 1.5 2.2 3.2#

166 24.4 24.8 37.2#

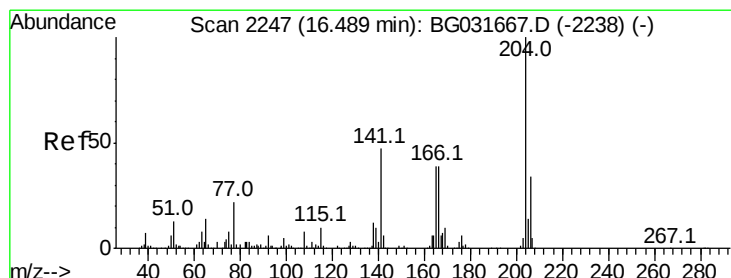
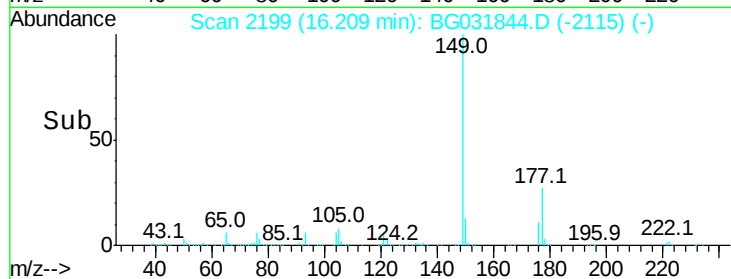
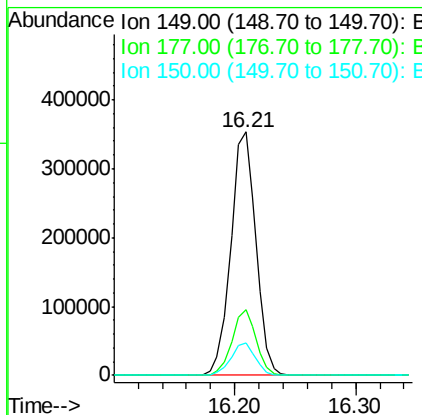
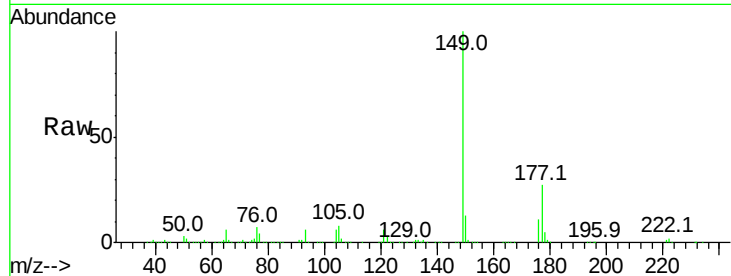




#59
Diethylphthalate
Concen: 32.011 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

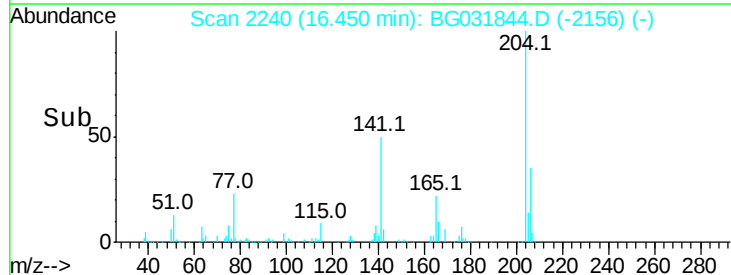
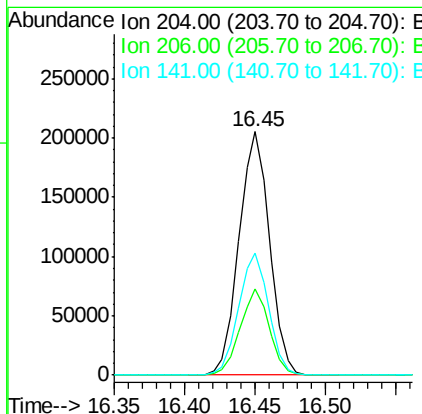
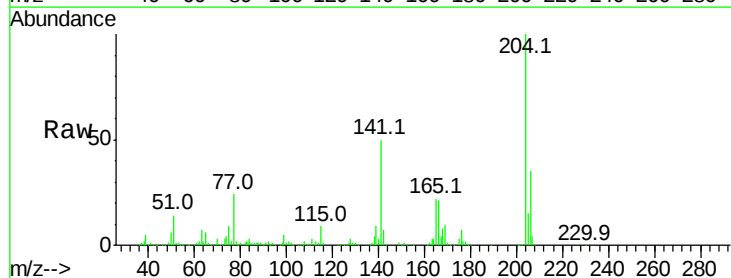
Instrument :
BNA_G
ClientSampleId :

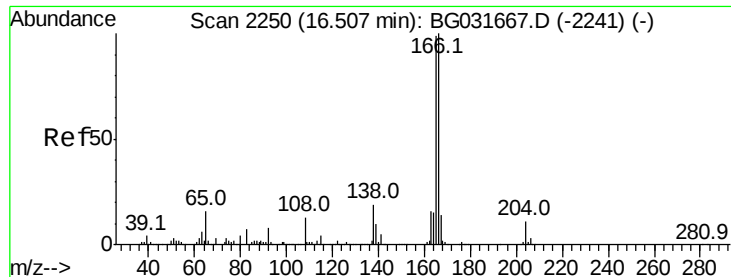
Tot Ion	Ratio	Lower	Upper
149	100		
177	27.1	18.5	27.7
150	13.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 32.106 ng
RT: 16.45 min Scan# 2240
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.1	26.2	39.2
141	50.2	45.8	68.6

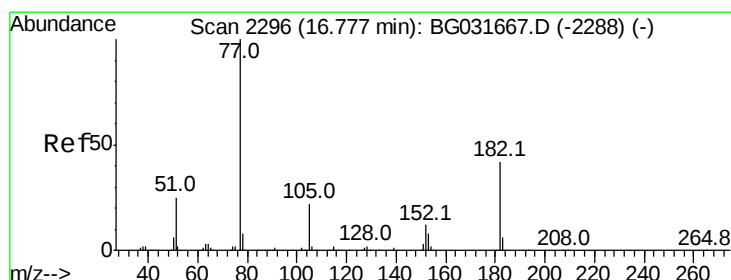
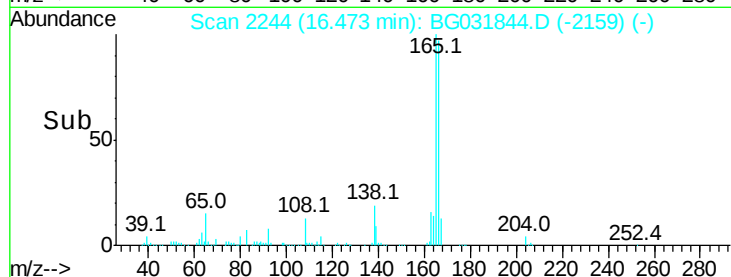
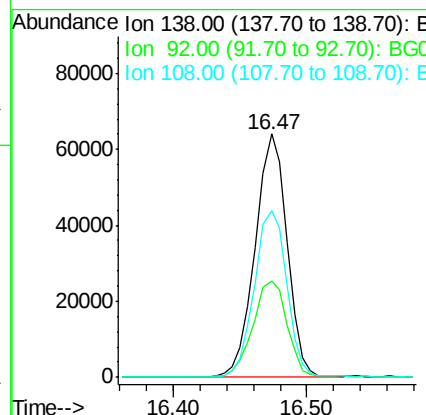
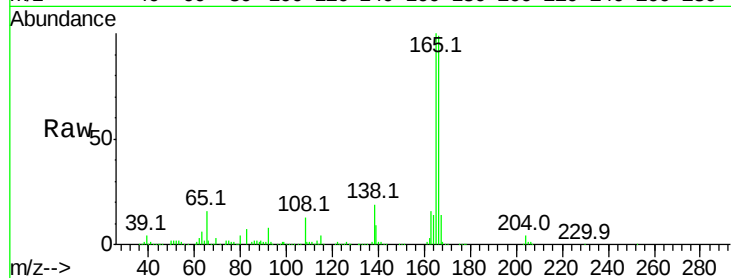




#61
4-Nitroaniline
Concen: 37.094 ng
RT: 16.47 min Scan# 2244
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

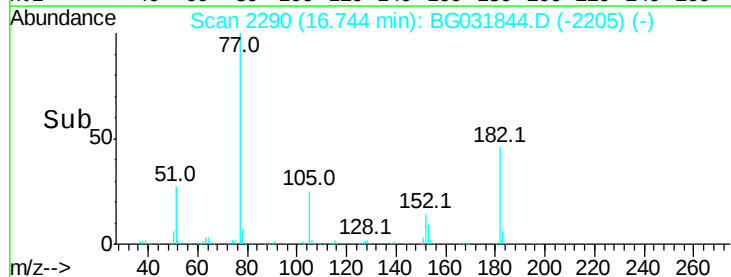
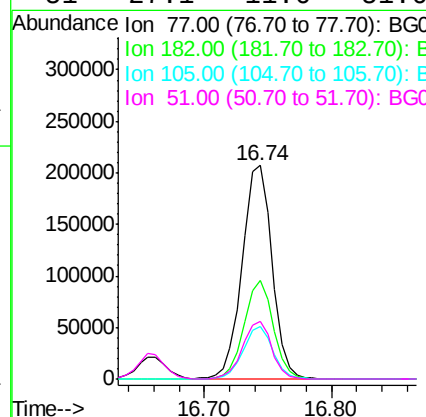
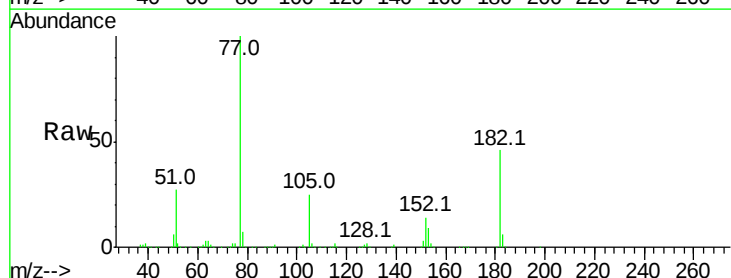
Instrument :
BNA_G
ClientSampleId :

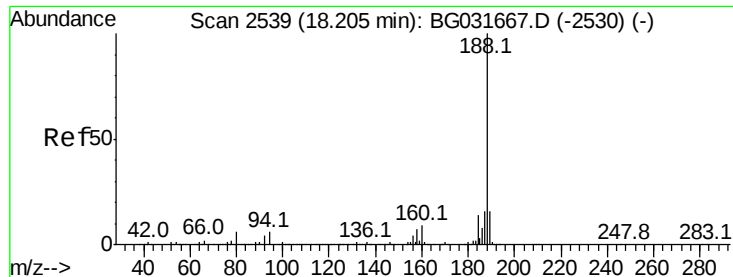
Tot Ion:138 Resp: 106069
Ion Ratio Lower Upper
138 100
92 39.4 40.1 80.1#
108 68.8 65.4 105.4



#62
Azobenzene
Concen: 33.090 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion: 77 Resp: 337685
Ion Ratio Lower Upper
77 100
182 46.3 7.4 47.4
105 24.7 0.3 40.3
51 27.1 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.17 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

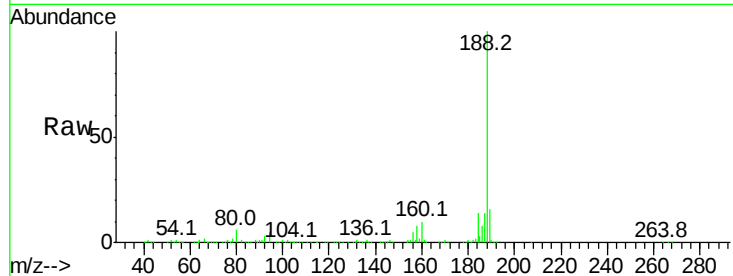
Tot Ion:188 Resp: 434738

Ion Ratio Lower Upper

188 100

94 5.4 6.9 10.3#

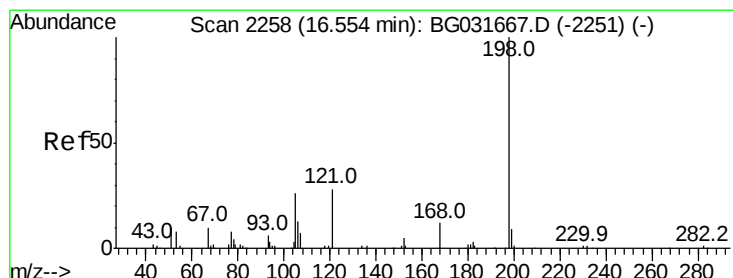
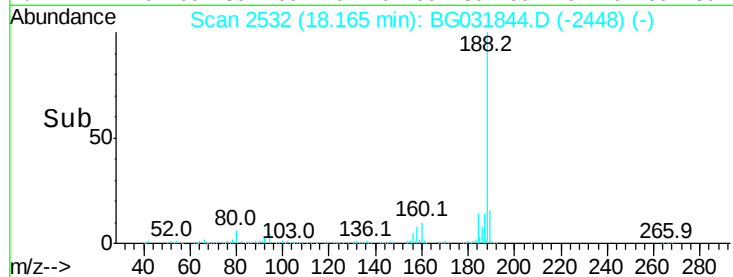
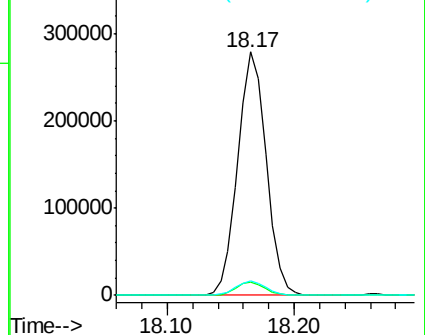
80 6.1 7.7 11.5#



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: 25.572 ng

RT: 16.52 min Scan# 2252

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

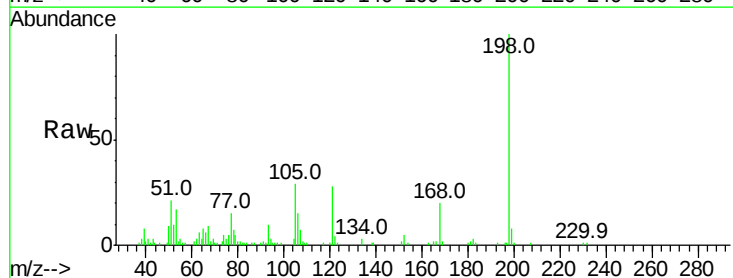
Tgt Ion:198 Resp: 44159

Ion Ratio Lower Upper

198 100

51 20.9 30.6 70.6#

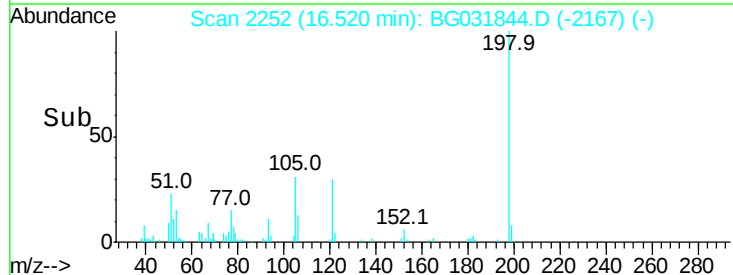
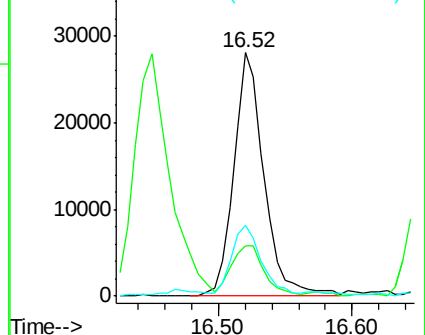
105 29.3 23.8 63.8



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: 33.584 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

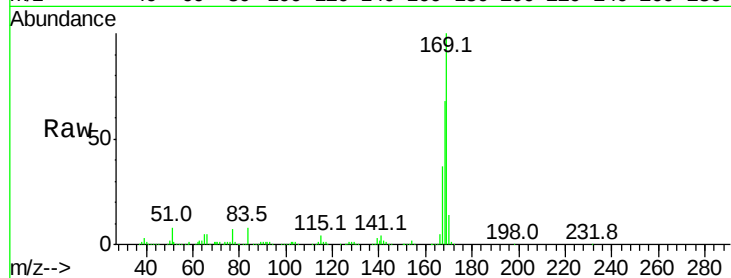
Tot Ion:169 Resp: 484912

Ion Ratio Lower Upper

169 100

168 68.4 55.7 83.5

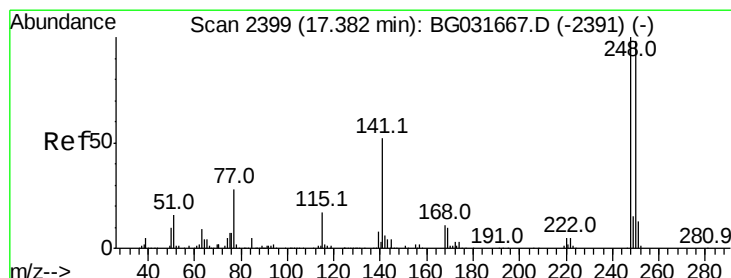
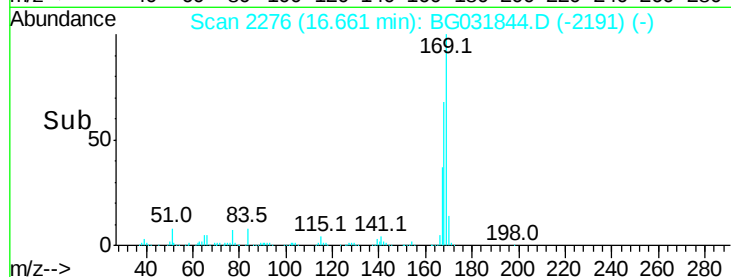
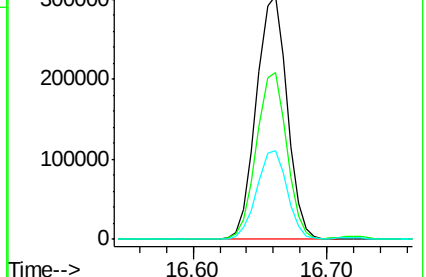
167 36.7 30.1 45.1



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: 35.405 ng

RT: 17.34 min Scan# 2392

Delta R.T. -0.04 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

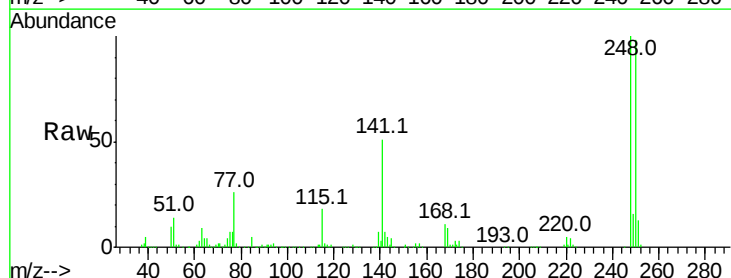
Tgt Ion:248 Resp: 222573

Ion Ratio Lower Upper

248 100

250 97.9 77.1 115.7

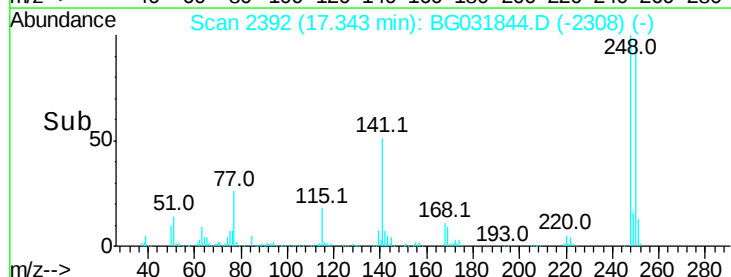
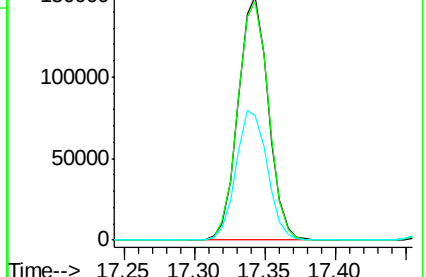
141 51.4 50.8 76.2

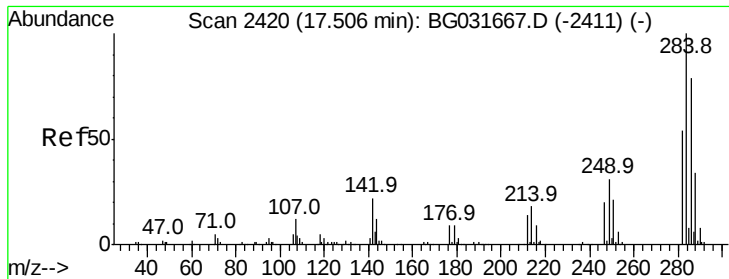


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

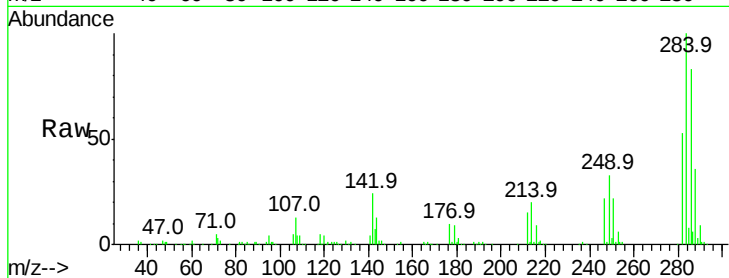




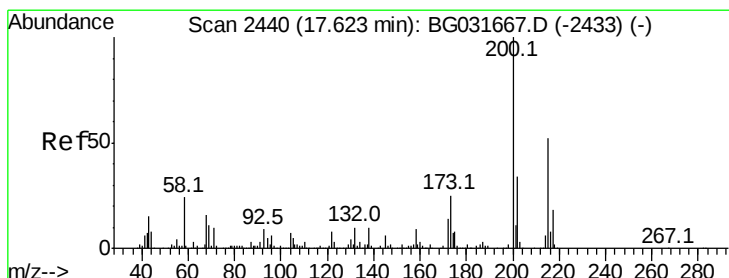
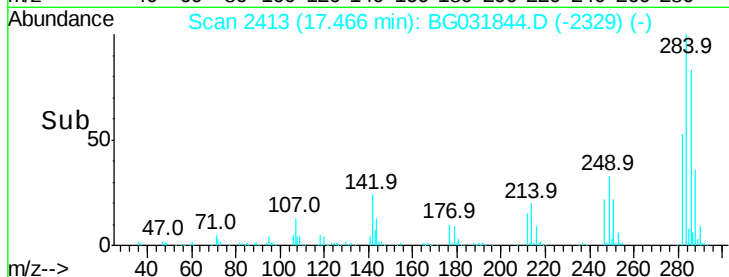
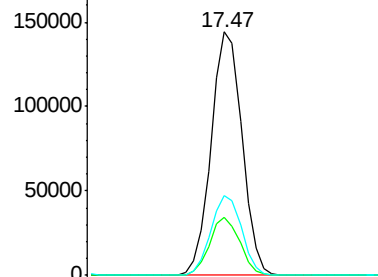
#67
Hexachlorobenzene
Concen: 35.917 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	23.8	26.8	40.2#
249	32.5	26.3	39.5

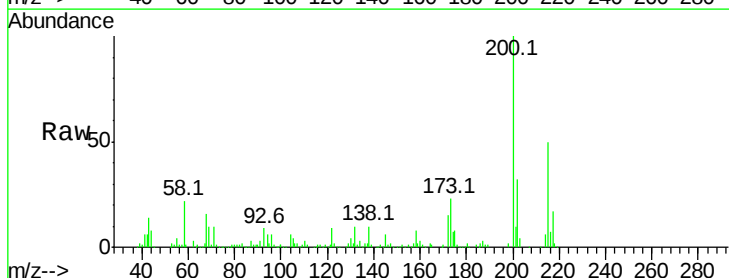


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

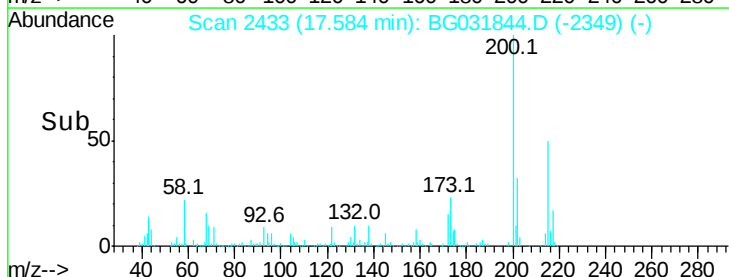
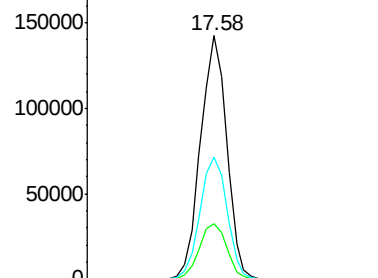


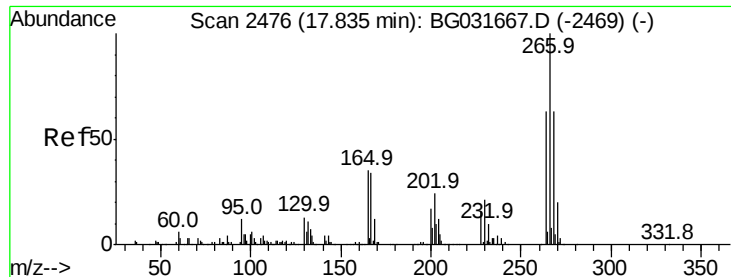
#68
Atrazine
Concen: 36.174 ng
RT: 17.58 min Scan# 2433
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
200	100		
173	22.6	5.2	45.2
215	50.2	30.4	70.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 58.618 ng

RT: 17.80 min Scan# 2470

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

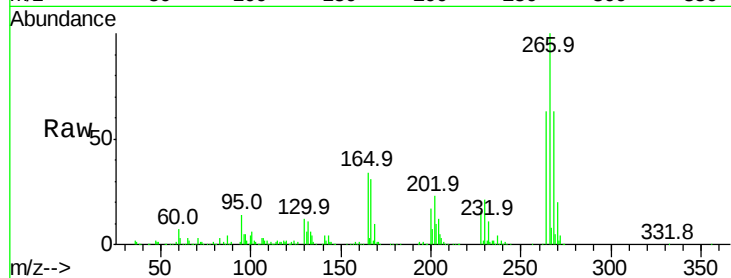
Instrument :

BNA_G

ClientSampleId :

Tot Ion:266 Resp: 259107

Ion	Ratio	Lower	Upper
266	100		
268	62.6	51.1	76.7
264	62.9	49.6	74.4

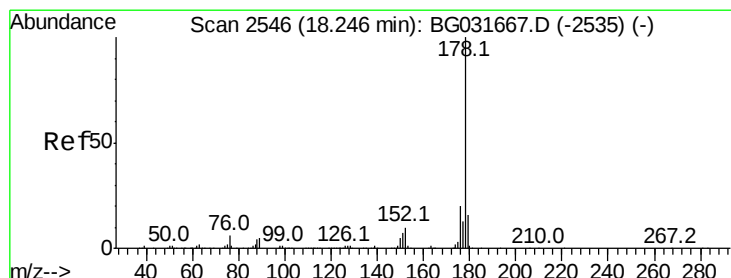
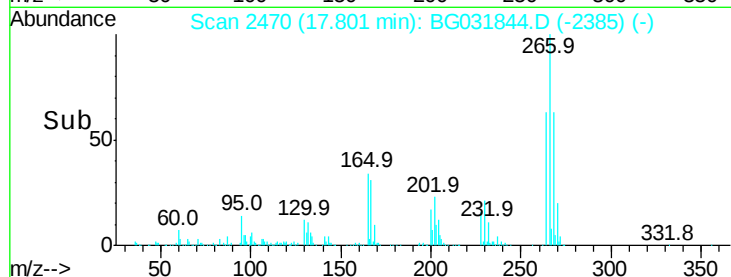
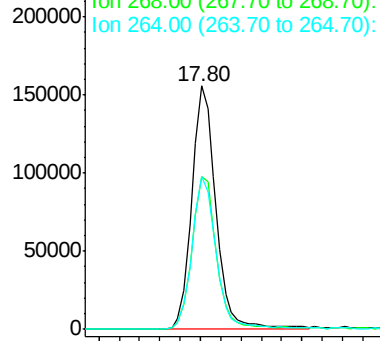


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 34.275 ng

RT: 18.21 min Scan# 2540

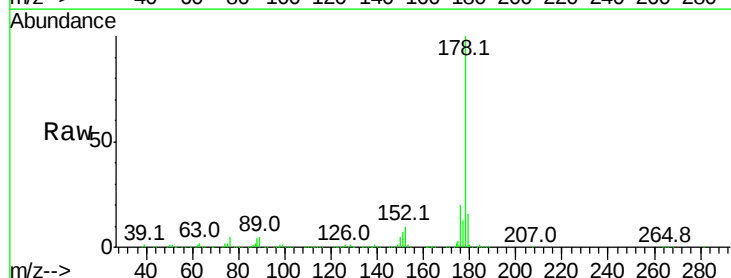
Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Tgt Ion:178 Resp: 843272

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.7	23.5
179	15.9	12.5	18.7

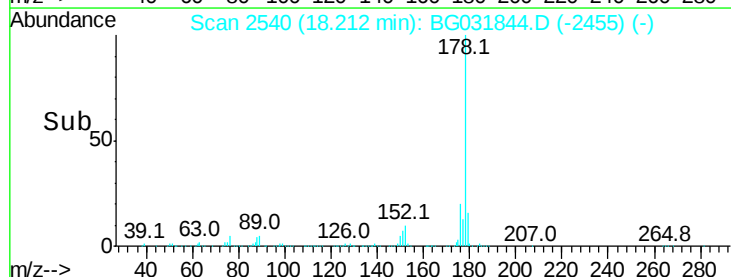
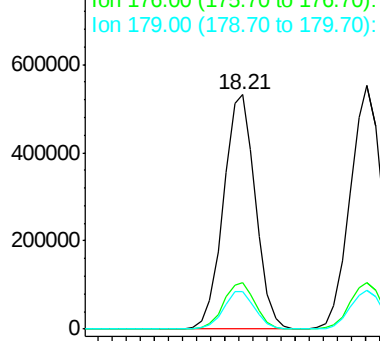


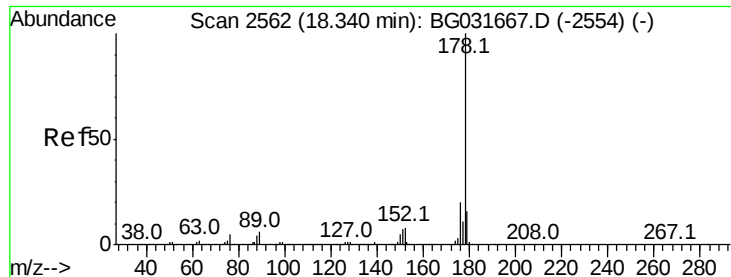
Abundance

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

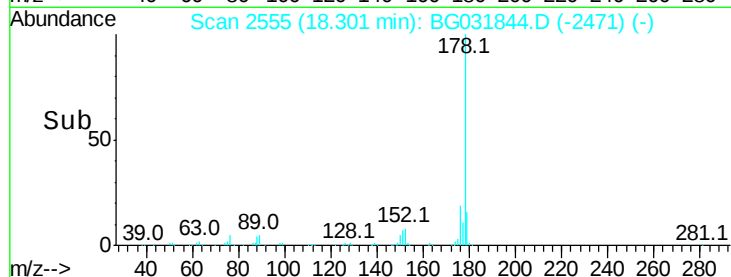
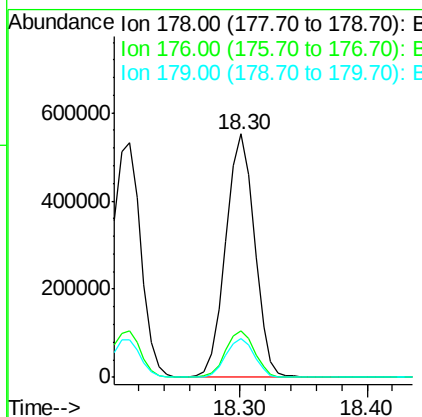
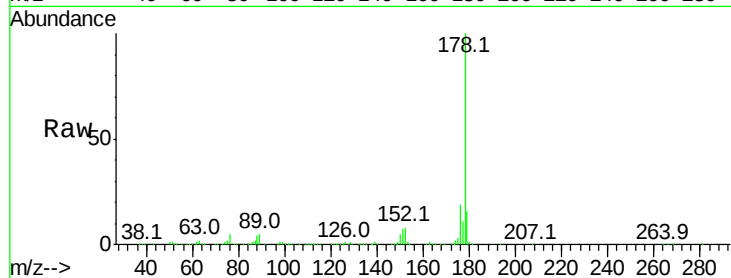




#71
 Anthracene
 Concen: 34.936 ng
 RT: 18.30 min Scan# 2555
 Delta R.T. -0.04 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

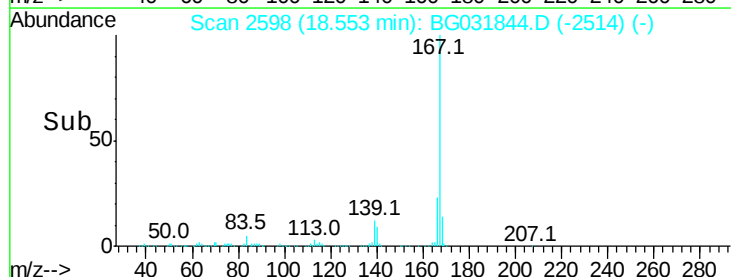
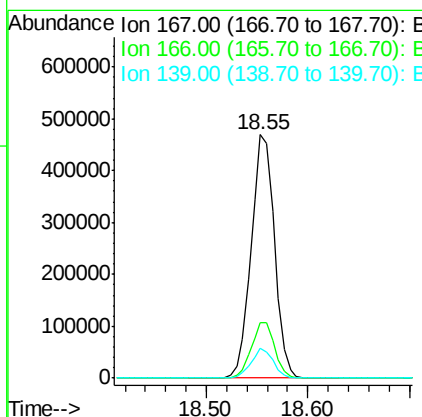
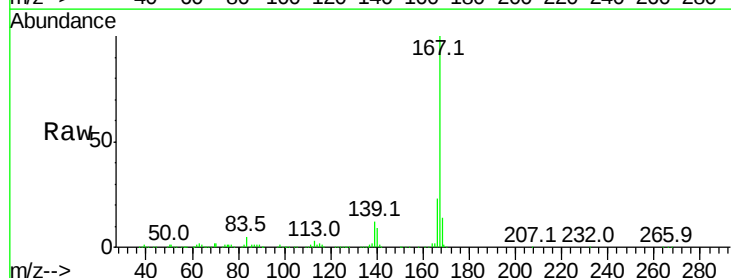
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 867042
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 15.7 12.5 18.7



#72
 Carbazole
 Concen: 34.037 ng
 RT: 18.55 min Scan# 2598
 Delta R.T. -0.04 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:167 Resp: 747663
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 12.2 9.4 14.2

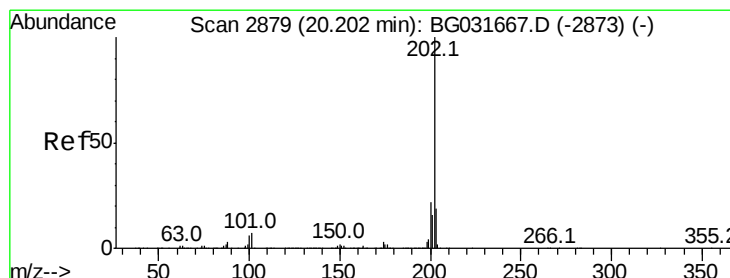
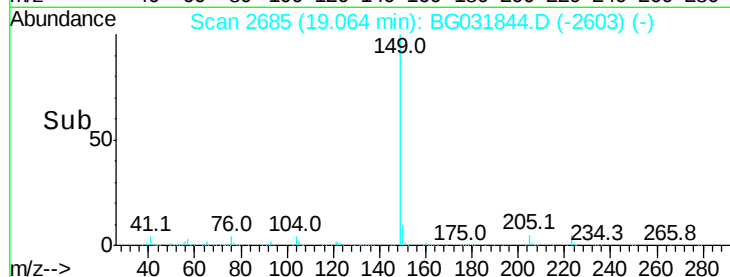
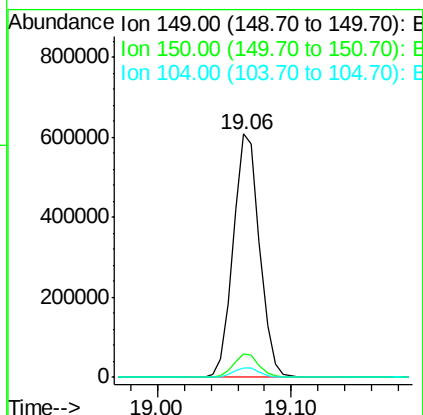
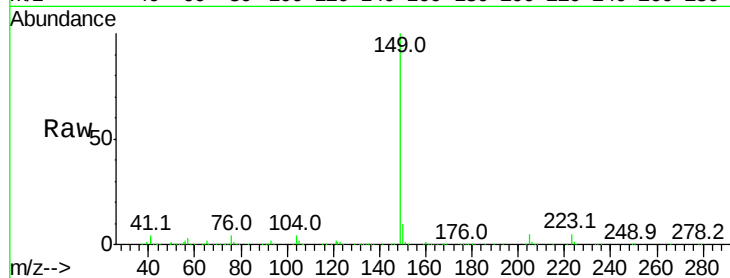




#73
Di-n-butylphthalate
Concen: 34.144 ng
RT: 19.06 min Scan# 2685
Delta R.T. -0.05 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

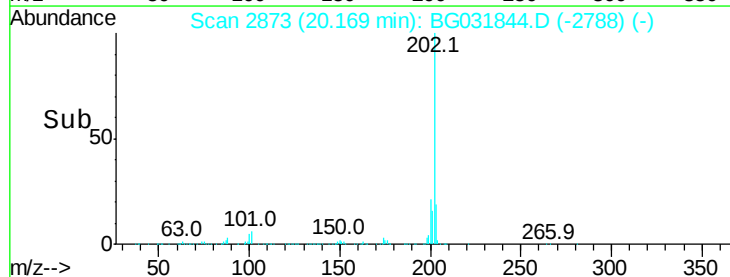
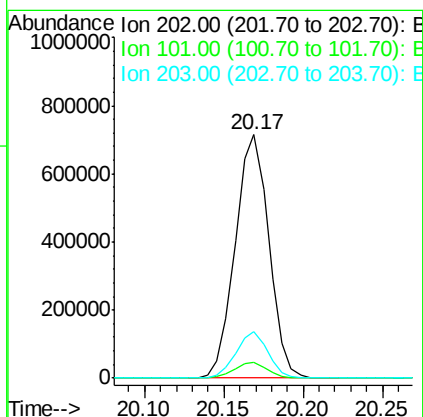
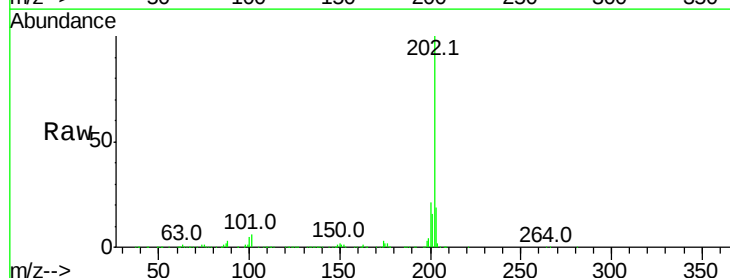
Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 833502
Ion Ratio Lower Upper
149 100
150 9.7 7.8 11.6
104 4.0 3.9 5.9



#74
Fluoranthene
Concen: 34.784 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:202 Resp: 1050063
Ion Ratio Lower Upper
202 100
101 6.4 0.0 28.9
203 19.1 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

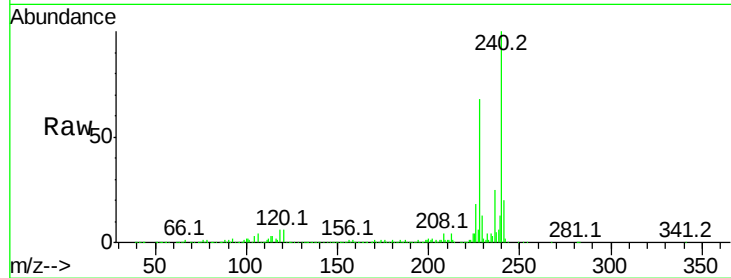
Tot Ion:240 Resp: 491291

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

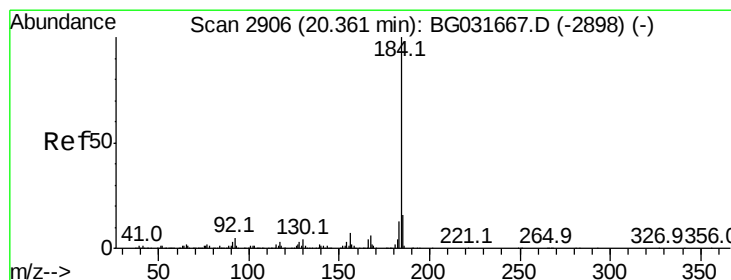
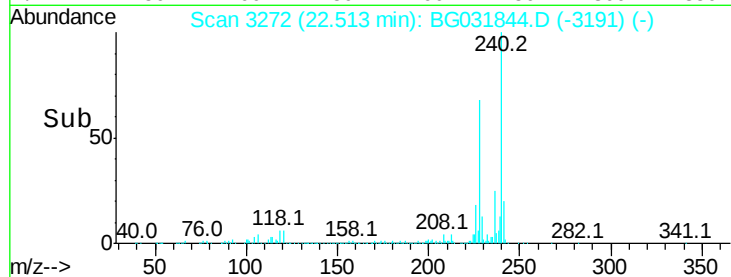
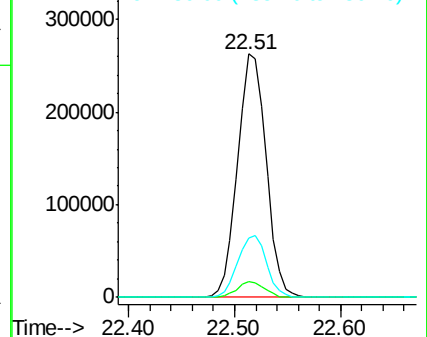
236 24.6 20.9 31.3



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: 11.812 ng

RT: 20.33 min Scan# 2900

Delta R.T. -0.03 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

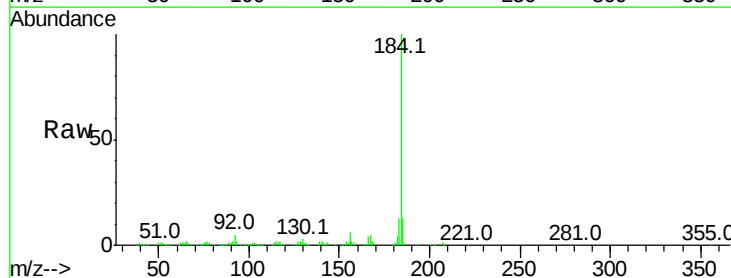
Tgt Ion:184 Resp: 179114

Ion Ratio Lower Upper

184 100

185 13.0 11.1 16.7

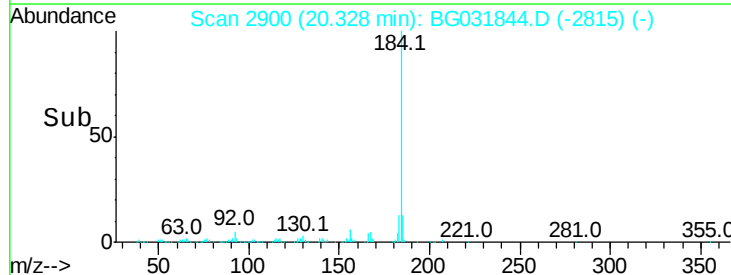
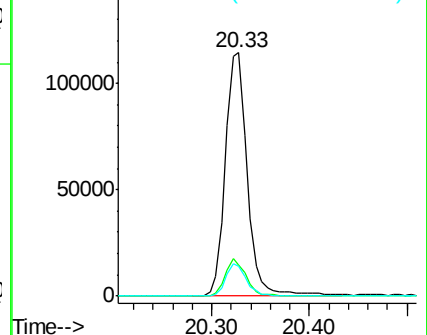
183 12.5 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

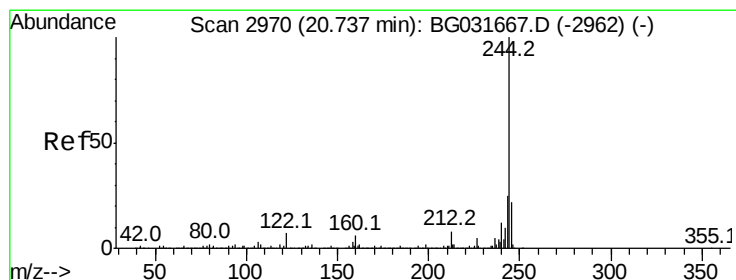
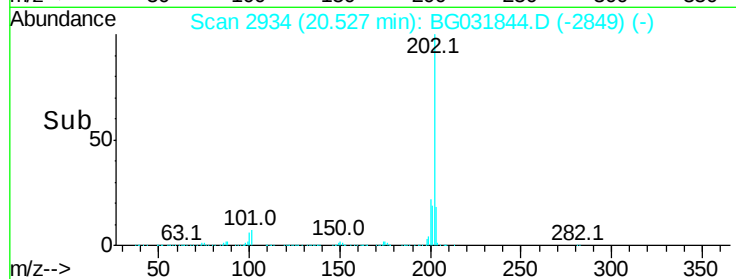
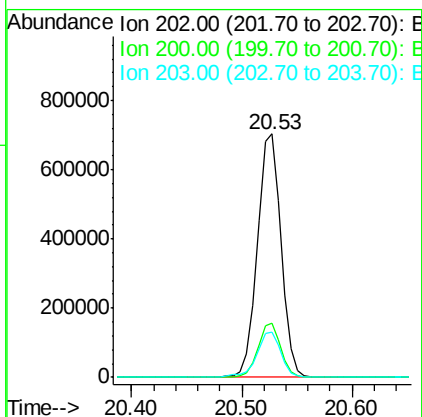
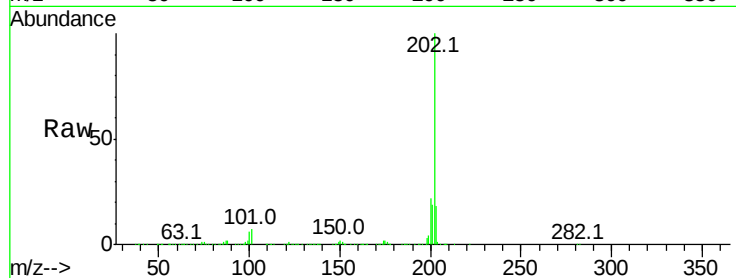




#77
Pvrene
Concen: 33.752 ng
RT: 20.53 min Scan# 2934
Delta R.T. -0.03 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

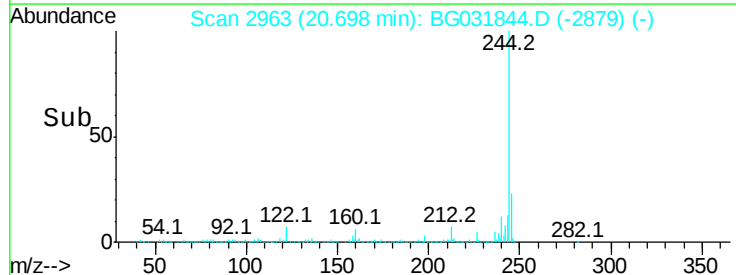
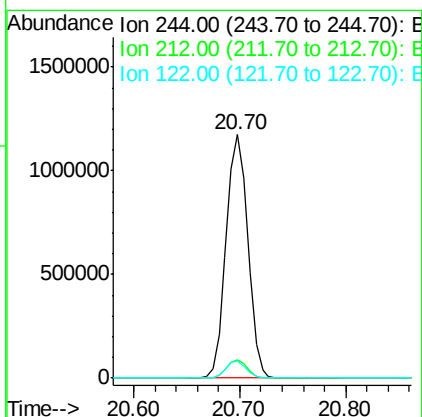
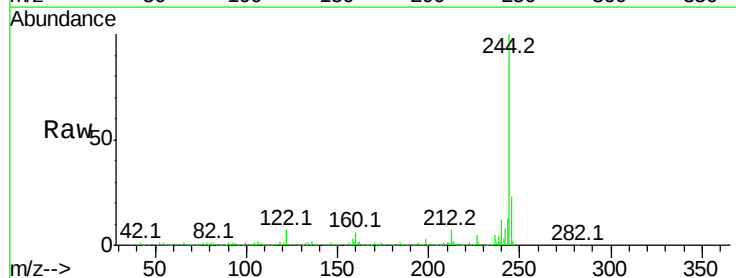
Instrument :
BNA_G
ClientSampleId :

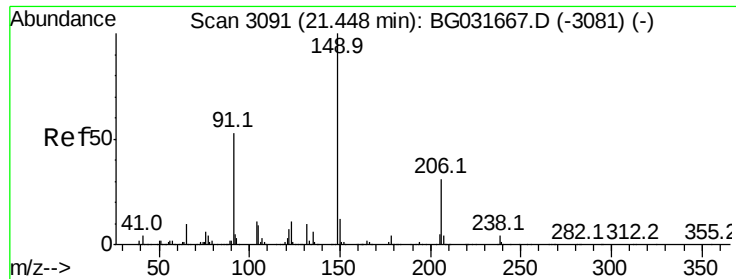
Tot Ion:202 Resp: 1059216
Ion Ratio Lower Upper
202 100
200 22.2 16.9 25.3
203 18.3 13.9 20.9



#78
Terphenyl-d14
Concen: 77.502 ng
RT: 20.70 min Scan# 2963
Delta R.T. -0.04 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:244 Resp: 1666593
Ion Ratio Lower Upper
244 100
212 7.5 5.8 8.8
122 7.1 7.0 10.4

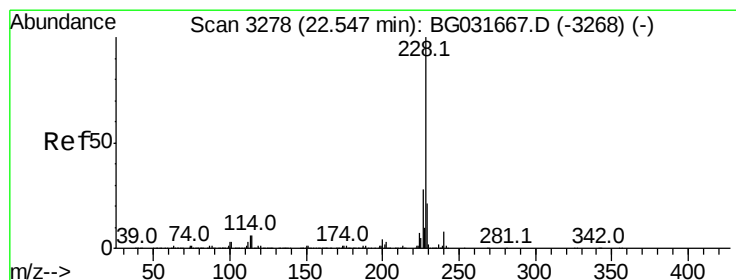
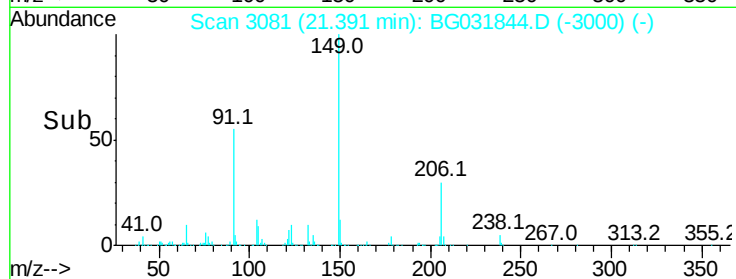
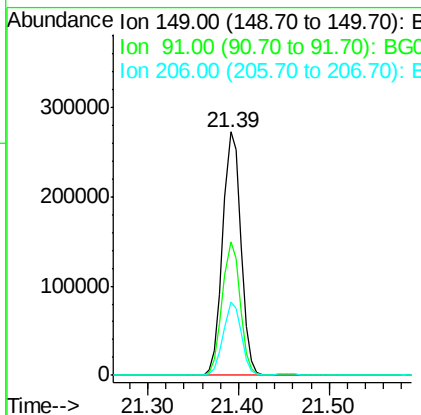
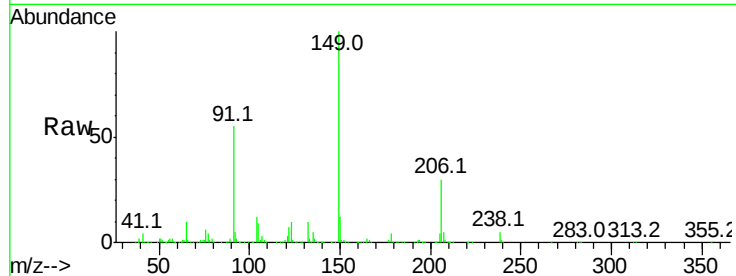




#79
Butylbenzylphthalate
Concen: 36.030 ng
RT: 21.39 min Scan# 3081
Delta R.T. -0.06 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

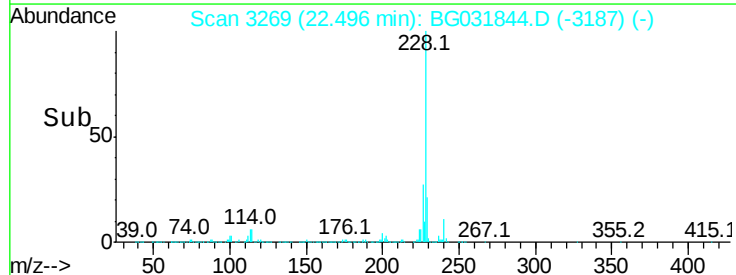
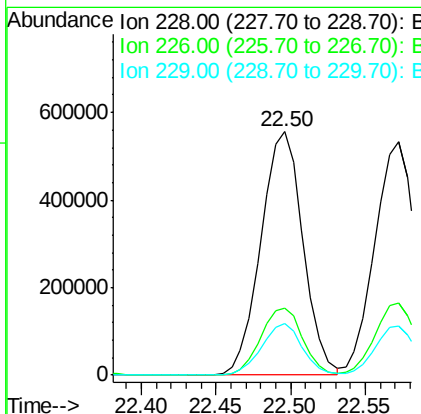
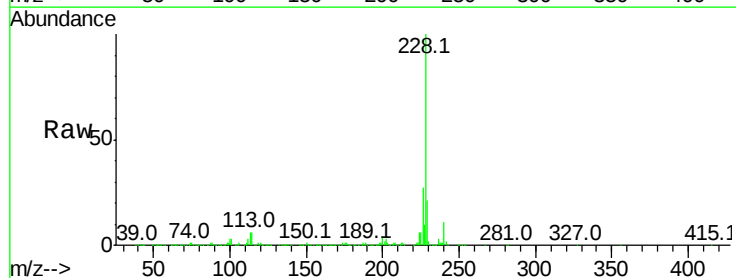
Instrument :
BNA_G
ClientSampleId :

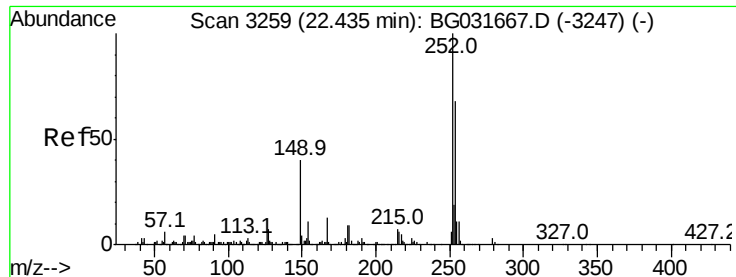
Tot Ion:149 Resp: 379576
Ion Ratio Lower Upper
149 100
91 54.8 62.2 93.2#
206 30.1 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 34.824 ng
RT: 22.50 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031844.D
Acq: 29 Dec 2017 3:33

Tgt Ion:228 Resp: 1088294
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 21.0 16.2 24.2

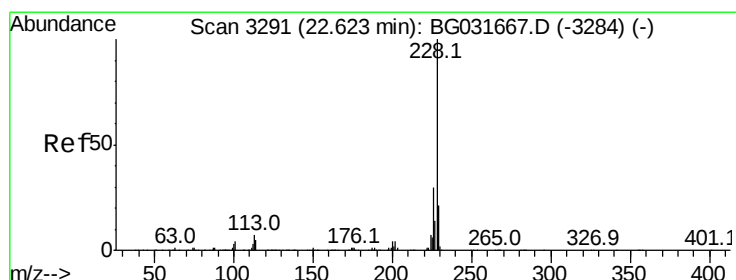
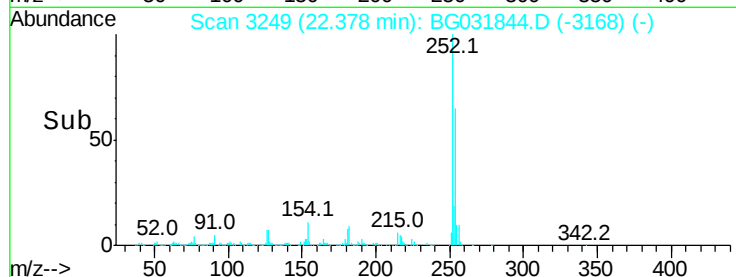
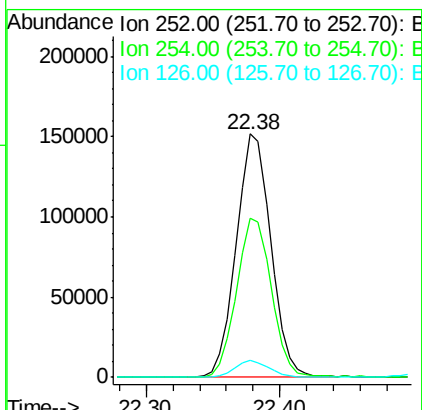
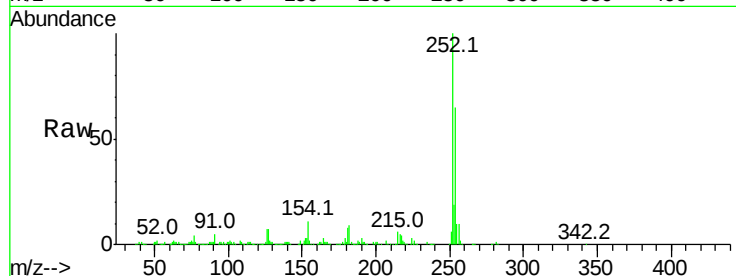




#81
 3,3'-Dichlorobenzidine
 Concen: 22.564 ng
 RT: 22.38 min Scan# 3249
 Delta R.T. -0.06 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

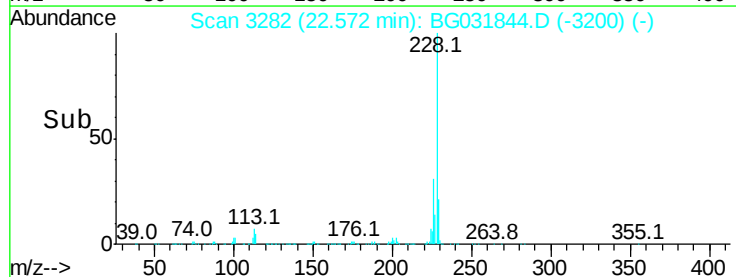
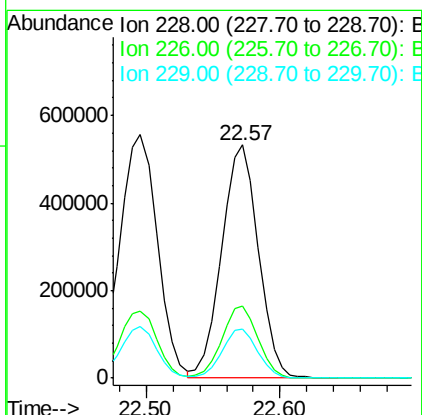
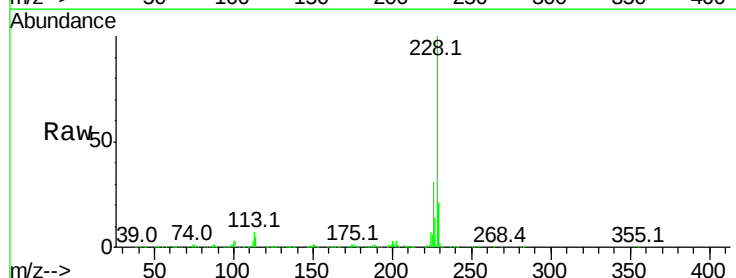
Instrument :
 BNA_G
 ClientSampleId :

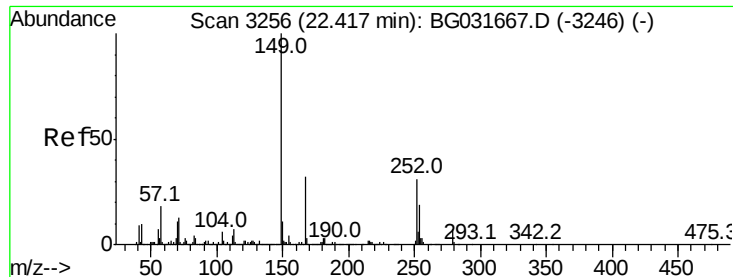
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.8	76.2
126	6.8	7.4	11.2#



#82
 Chrysene
 Concen: 34.493 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.05 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.1	15.0	22.4

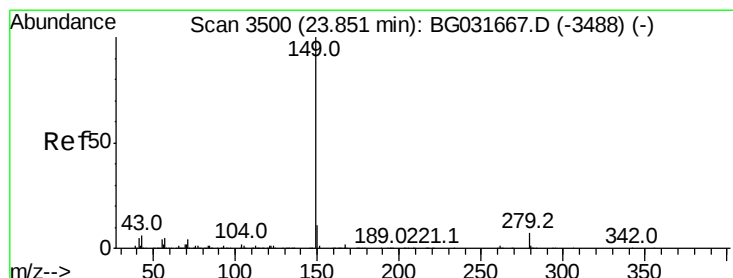
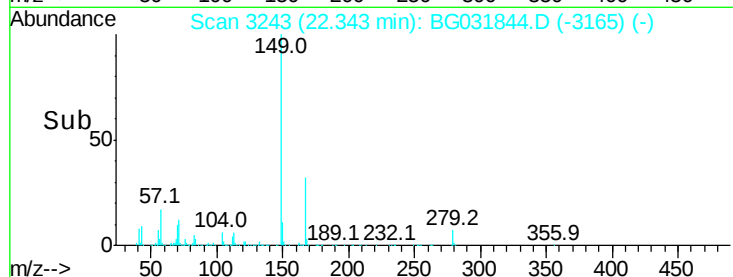
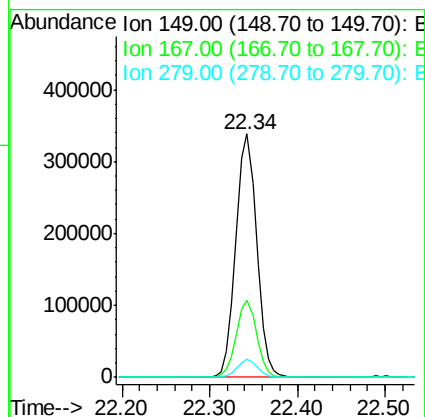
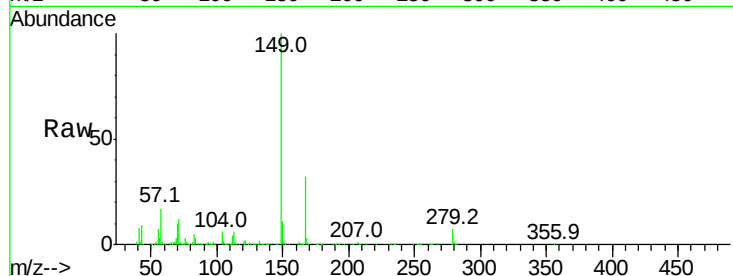




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.466 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. -0.07 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

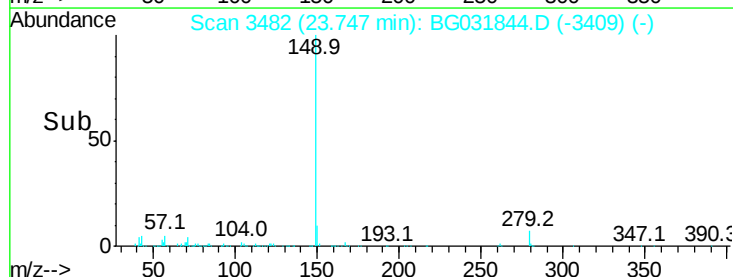
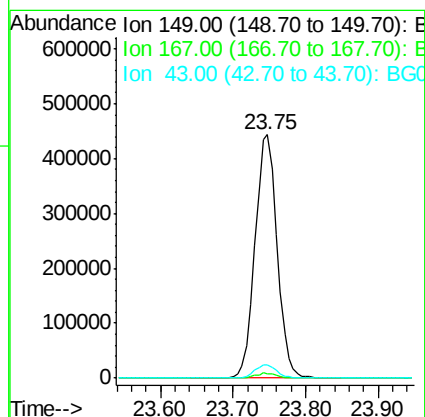
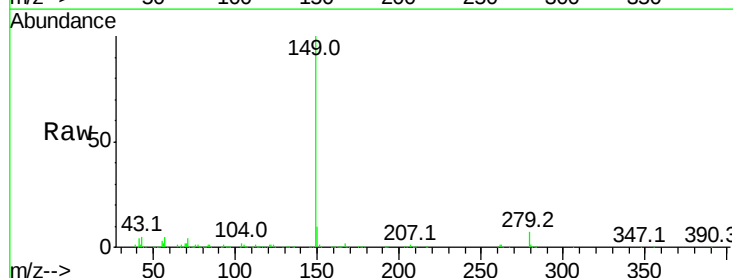
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:149 Resp: 541303
 Ion Ratio Lower Upper
 149 100
 167 31.7 24.3 36.5
 279 7.3 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 36.377 ng
 RT: 23.75 min Scan# 3482
 Delta R.T. -0.10 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:149 Resp: 935055
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.4 2.0
 43 5.4 8.9 13.3#



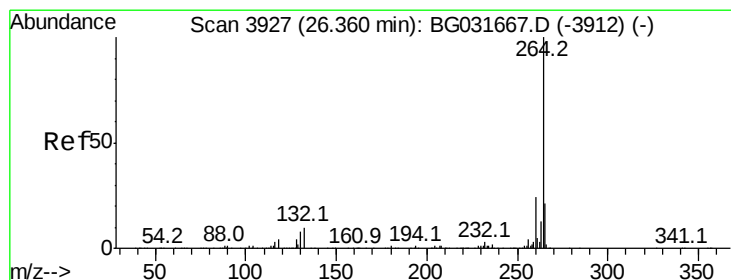
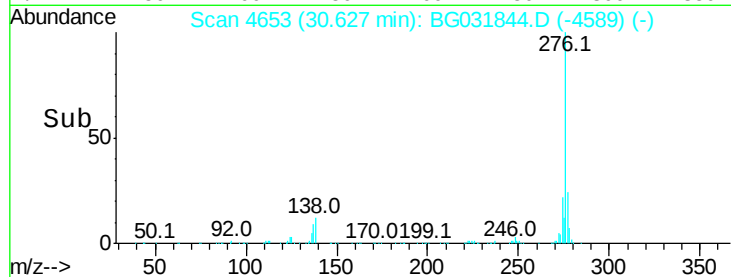
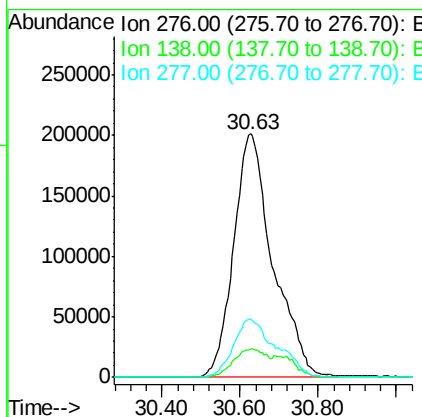
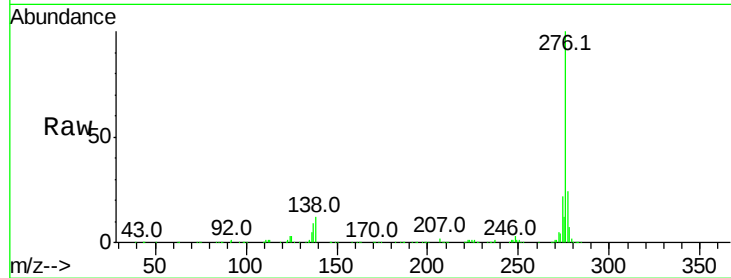


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.133 ng
 RT: 30.63 min Scan# 4653
 Delta R.T. -0.16 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:276 Resp: 1408634

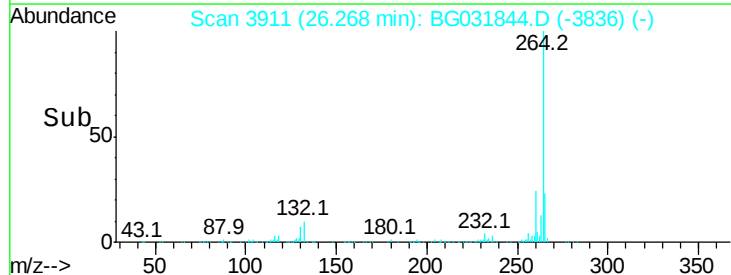
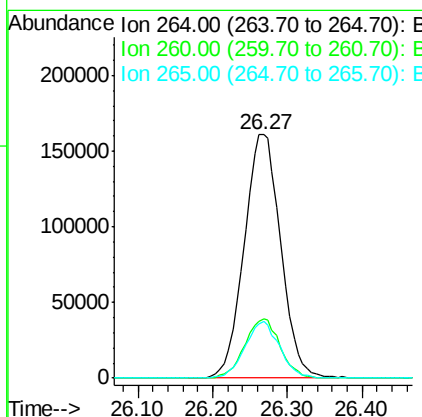
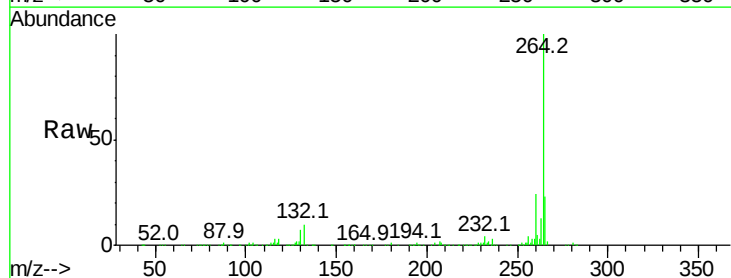
Ion	Ratio	Lower	Upper
276	100		
138	10.0	16.0	24.0#
277	26.2	20.0	30.0

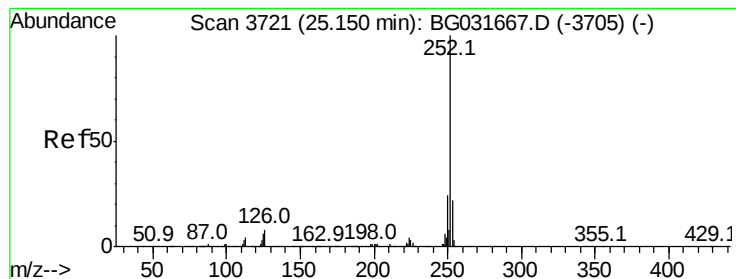


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031844.D
 Acq: 29 Dec 2017 3:33

Tgt Ion:264 Resp: 545778

Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	23.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 34.594 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.09 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

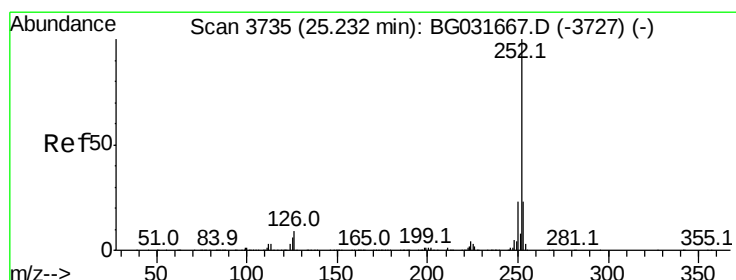
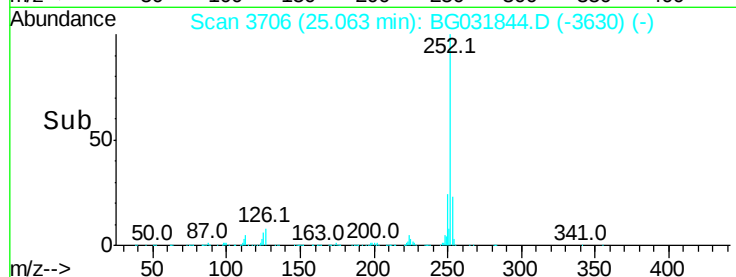
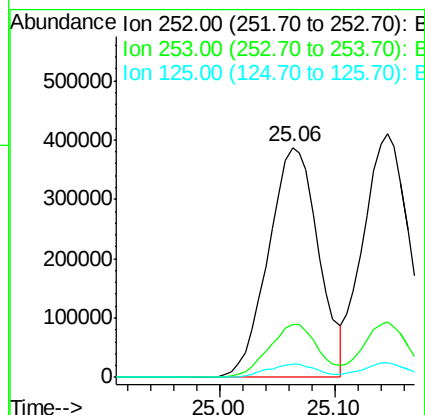
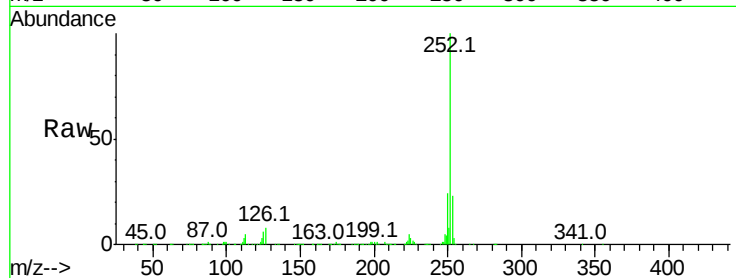
Tot Ion:252 Resp: 1172013

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.4

125 5.9 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 33.685 ng

RT: 25.15 min Scan# 3720

Delta R.T. -0.09 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

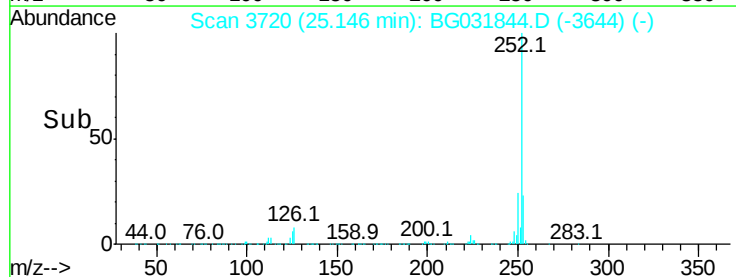
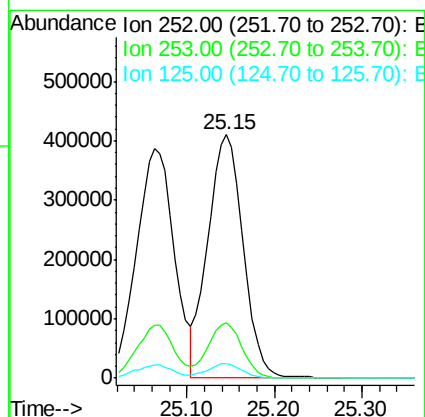
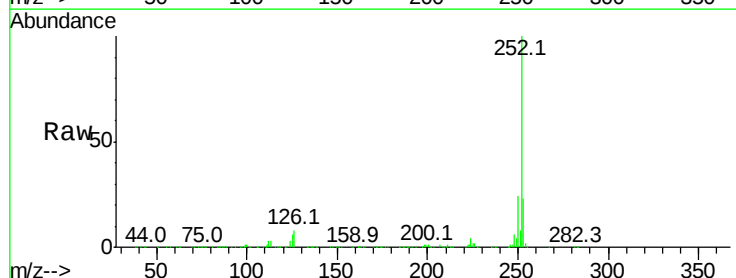
Tgt Ion:252 Resp: 1142093

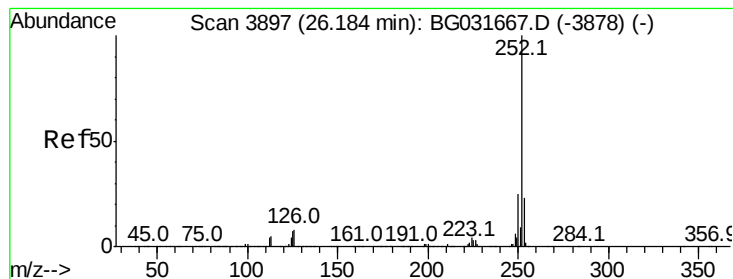
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 6.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 35.045 ng

RT: 26.09 min Scan# 3881

Delta R.T. -0.09 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

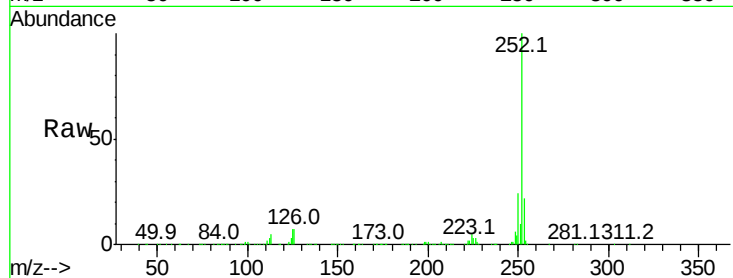
Tot Ion:252 Resp: 1137074

Ion Ratio Lower Upper

252 100

253 22.2 18.3 27.5

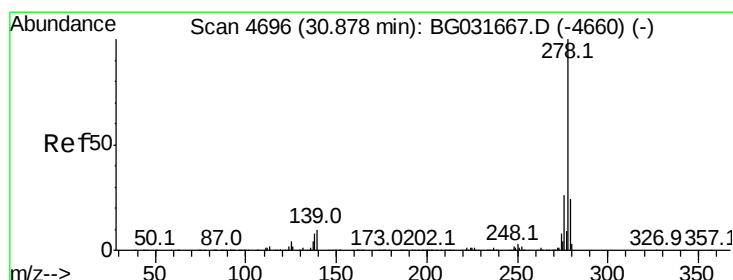
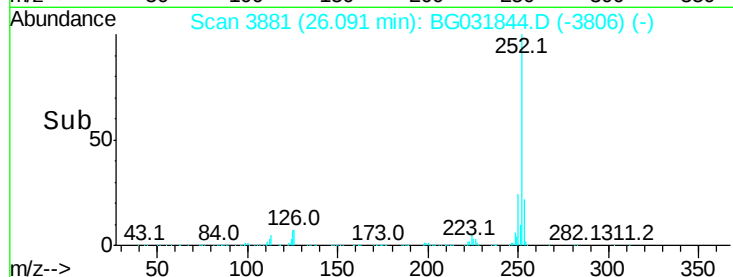
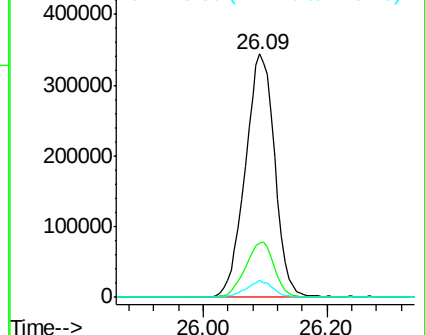
125 7.0 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 34.710 ng

RT: 30.71 min Scan# 4667

Delta R.T. -0.17 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

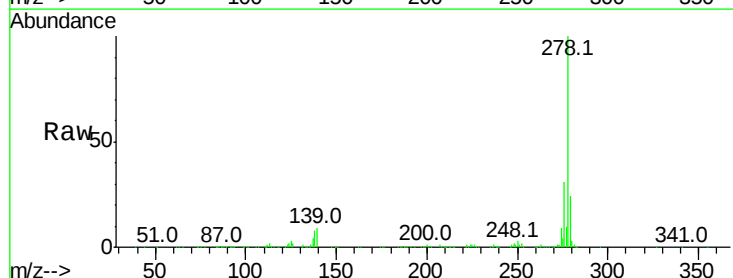
Tgt Ion:278 Resp: 1163143

Ion Ratio Lower Upper

278 100

139 9.4 9.8 14.6#

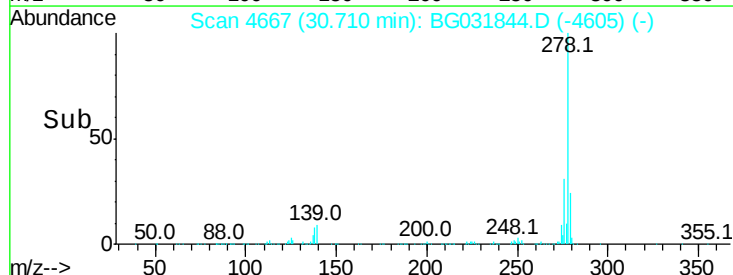
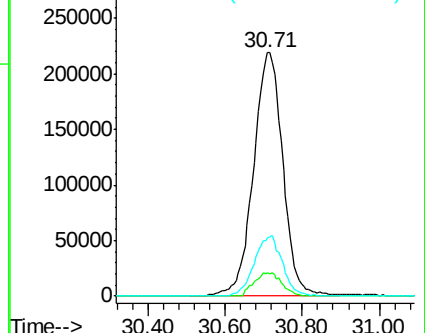
279 23.8 18.4 27.6

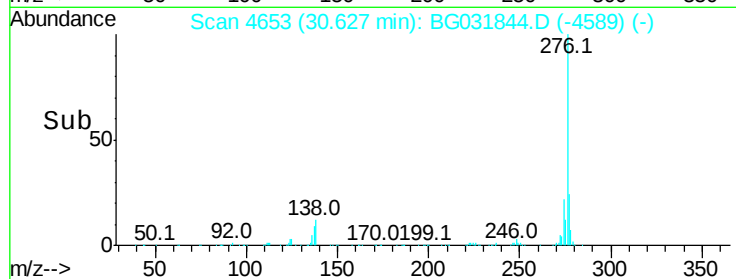
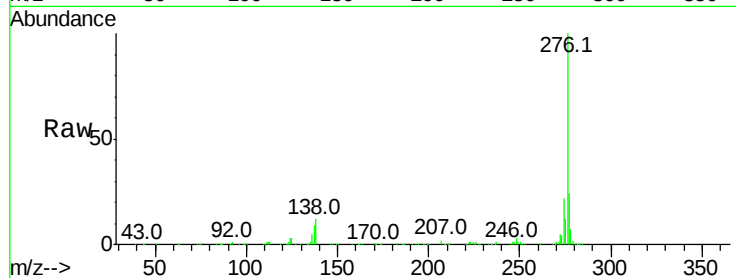
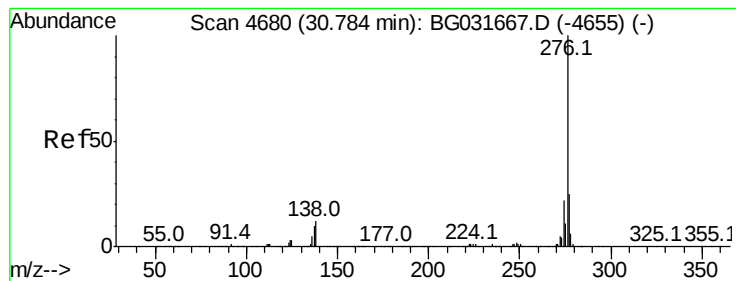


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.604 ng

RT: 30.63 min Scan# 4653

Delta R.T. -0.16 min

Lab File: BG031844.D

Acq: 29 Dec 2017 3:33

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1408634

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 11.9 13.9 20.9

