

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031767.D
 Acq On : 26 Dec 2017 18:30
 Operator : SJ/JU
 Sample : PB105319BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

Quant Time: Dec 27 00:25:08 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	8.80	152	42140	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	186131	20.00	ng	-0.04
38) Acenaphthene-d10	15.44	164	131543	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	339718	20.00	ng	-0.04
75) Chrysene-d12	22.52	240	398457	20.00	ng	-0.05
86) Perylene-d12	26.27	264	438984	20.00	ng	-0.09

System Monitoring Compounds

5) 2-Fluorophenol	6.22	112	359295	155.30	ng	-0.02
7) Phenol-d6	7.91	99	456021	151.81	ng	-0.02
23) Nitrobenzene-d5	10.00	82	232752	94.43	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	319645	159.25	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	888358	84.76	ng	-0.03
78) Terphenyl-d14	20.70	244	1655558	94.93	ng	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.87	88	32269	37.63	ng	# 70
3) Pyridine	4.32	79	86781	37.85	ng	# 74
4) n-Nitrosodimethylamine	4.23	42	36710	39.68	ng	# 85
6) Aniline	8.10	93	45620	11.80	ng	# 84
8) 2-Chlorophenol	8.35	128	127045	47.34	ng	# 77
9) Benzaldehyde	7.90	77	37200	20.57	ng	81
10) Phenol	7.94	94	141366	46.61	ng	91
11) bis(2-Chloroethyl)ether	8.19	93	96894	38.47	ng	# 77
12) 1,3-Dichlorobenzene	8.69	146	134019	40.21	ng	# 92
13) 1,4-Dichlorobenzene	8.84	146	136396	40.06	ng	92
14) 1,2-Dichlorobenzene	9.17	146	130728	40.52	ng	94
15) Benzyl Alcohol	9.04	79	99048	43.92	ng	89
16) 2,2'-oxybis(1-Chloropropan	9.33	45	96221	46.91	ng	78
17) 2-Methylphenol	9.24	107	102247	47.12	ng	97
18) Hexachloroethane	9.93	117	41426	40.18	ng	# 87
19) n-Nitroso-di-n-propylamine	9.62	70	74974	36.55	ng	# 81
20) 3+4-Methylphenols	9.57	107	136626	44.30	ng	92
22) Acetophenone	9.65	105	172333	39.85	ng	# 86
24) Nitrobenzene	10.05	77	106847	42.06	ng	# 83
25) Isophorone	10.57	82	212473	40.04	ng	# 87
26) 2-Nitrophenol	10.78	139	67003	50.30	ng	# 78
27) 2,4-Dimethylphenol	10.81	122	135770	48.44	ng	91
28) bis(2-Chloroethoxy)methane	11.05	93	136884	38.45	ng	# 98
29) 2,4-Dichlorophenol	11.31	162	154041	46.81	ng	88
30) 1,2,4-Trichlorobenzene	11.54	180	159449	39.69	ng	94
31) Naphthalene	11.74	128	371836	39.58	ng	99
32) Benzoic acid	10.93	122	87351	46.02	ng	# 77
33) 4-Chloroaniline	11.83	127	45205	10.81	ng	# 90
34) Hexachlorobutadiene	12.01	225	102570	37.19	ng	98
35) Caprolactam	12.59	113	48409	48.54	ng	# 48
36) 4-Chloro-3-methylphenol	12.91	107	137618	45.28	ng	# 82
37) 2-Methylnaphthalene	13.30	142	311410	40.89	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.65	216	220040	39.71	ng	# 96
40) Hexachlorocyclopentadiene	13.63	237	272030	93.07	ng	91

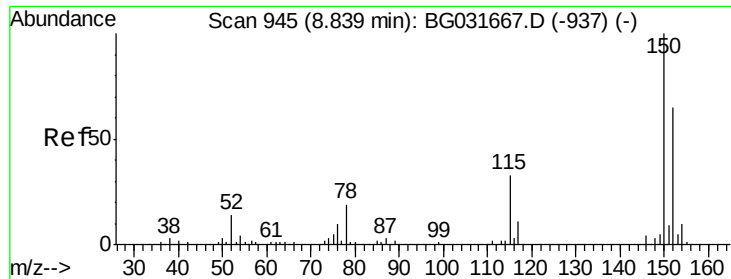
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.88	196	142348	44.56	nq	98
43) 2,4,5-Trichlorophenol	13.95	196	157309	44.43	nq	# 91
45) 1,1'-Biphenyl	14.27	154	449807	40.04	nq	96
46) 2-Chloronaphthalene	14.33	162	339238	39.59	nq	96
47) 2-Nitroaniline	14.52	65	67639	45.70	nq	# 61
48) Acenaphthylene	15.17	152	521270	38.02	nq	99
49) Dimethylphthalate	14.87	163	463158	39.97	nq	99
50) 2,6-Dinitrotoluene	14.99	165	98300	46.11	nq	# 68
51) Acenaphthene	15.50	154	369874	41.19	nq	95
52) 3-Nitroaniline	15.32	138	38678	18.60	nq	# 70
53) 2,4-Dinitrophenol	15.52	184	80274	87.81	nq	# 80
54) Dibenzofuran	15.83	168	558503	40.58	nq	97
55) 4-Nitrophenol	15.60	139	159101	93.99	nq	# 70
56) 2,4-Dinitrotoluene	15.77	165	139319	50.82	nq	# 63
57) Fluorene	16.47	166	447431	40.02	nq	97
58) 2,3,4,6-Tetrachlorophenol	16.04	232	164604	47.66	nq	# 85
59) Diethylphthalate	16.21	149	448601	39.72	nq	96
60) 4-Chlorophenyl-phenylether	16.45	204	267950	39.17	nq	90
61) 4-Nitroaniline	16.48	138	79060	38.95	nq	# 75
62) Azobenzene	16.74	77	287395	39.68	nq	83
64) 4,6-Dinitro-2-methylphenol	16.52	198	66395	41.53	nq	# 68
65) n-Nitrosodiphenylamine	16.66	169	419697	37.20	nq	99
66) 4-Bromophenyl-phenylether	17.35	248	199775	40.67	nq	# 93
67) Hexachlorobenzene	17.47	284	206294	41.08	nq	# 88
68) Atrazine	17.59	200	183485	41.82	nq	97
69) Pentachlorophenol	17.81	266	281563	81.51	nq	97
70) Phenanthrene	18.21	178	764543	39.77	nq	99
71) Anthracene	18.30	178	789620	40.72	nq	98
72) Carbazole	18.56	167	684983	39.91	nq	100
73) Di-n-butylphthalate	19.07	149	769936	40.36	nq	99
74) Fluoranthene	20.17	202	978474	41.48	nq	97
76) Benzidine	20.33	184	218124	17.74	nq	98
77) Pyrene	20.53	202	998301	39.22	nq	99
79) Butylbenzylphthalate	21.40	149	350141	40.98	nq	# 75
80) Benzo(a)anthracene	22.49	228	1026335	40.49	nq	99
81) 3,3'-Dichlorobenzidine	22.38	252	160115	16.29	nq	# 94
82) Chrysene	22.57	228	962103	40.12	nq	98
83) Bis(2-ethylhexyl)phthalate	22.35	149	497108	40.16	nq	# 97
84) Di-n-octyl phthalate	23.75	149	866568	41.57	nq	# 87
85) Indeno(1,2,3-cd)pyrene	30.63	276	1335811	43.42	nq	# 89
87) Benzo(b)fluoranthene	25.06	252	1117241	41.00	nq	# 96
88) Benzo(k)fluoranthene	25.14	252	1073833	39.38	nq	# 96
89) Benzo(a)pyrene	26.08	252	1087129	41.66	nq	# 96
90) Dibenzo(a,h)anthracene	30.71	278	1114595	41.35	nq	# 96
91) Benzo(g,h,i)perylene	30.63	276	1335811	41.98	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.80 min Scan# 939

Delta R.T. -0.03 min

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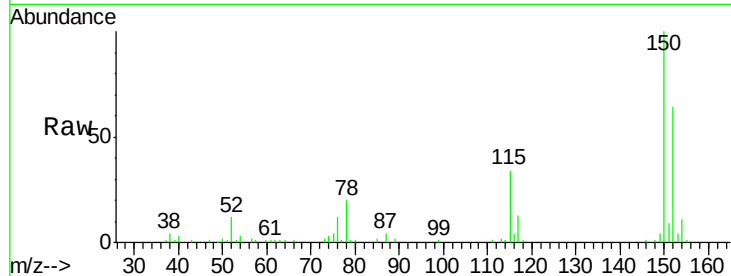
Tot Ion:152 Resp: 42140

Ion Ratio Lower Upper

152 100

150 157.0 126.6 189.8

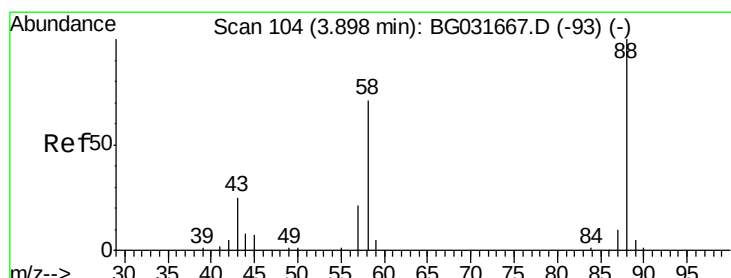
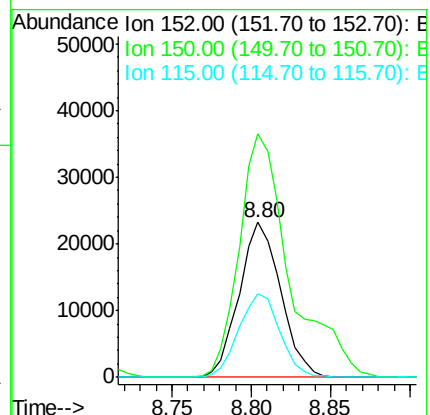
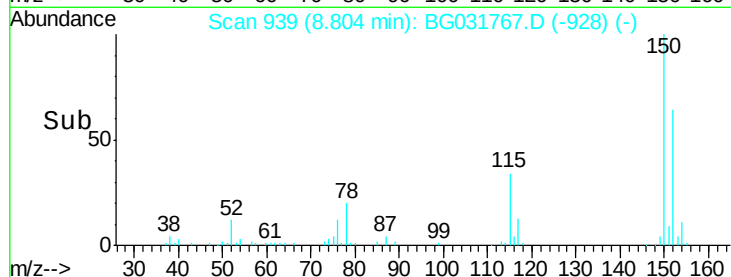
115 53.9 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.63 ng

RT: 3.87 min Scan# 99

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

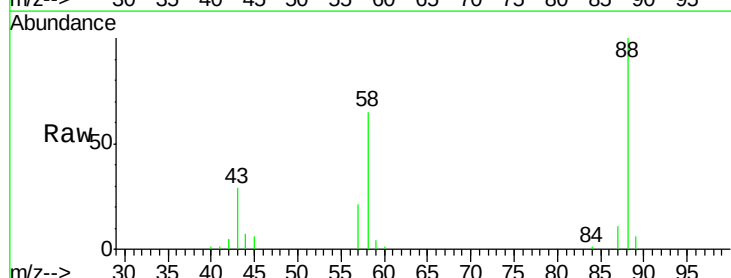
Tgt Ion: 88 Resp: 32269

Ion Ratio Lower Upper

88 100

58 65.1 79.6 119.4#

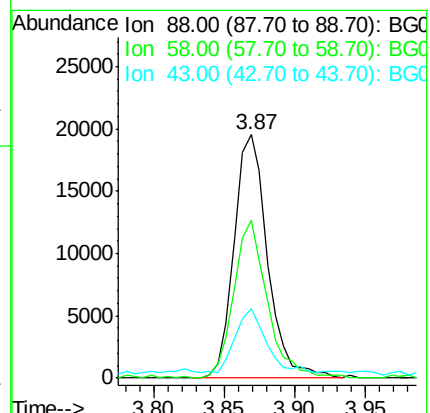
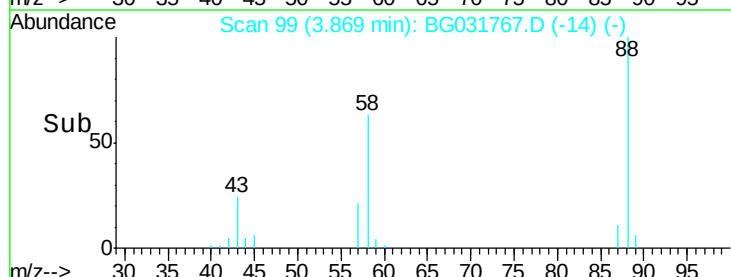
43 24.4 27.4 41.0#

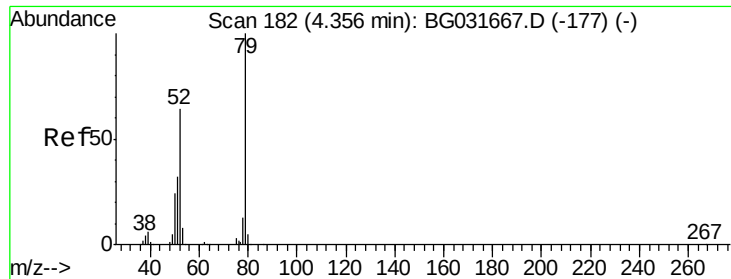


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 37.85 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

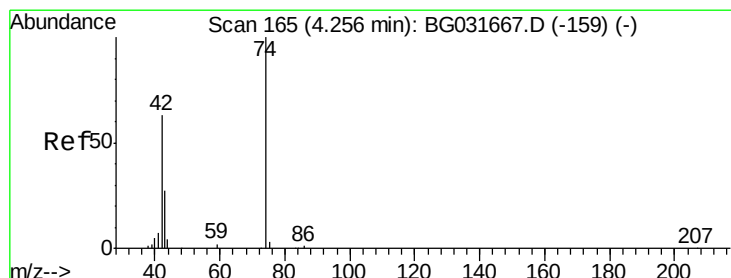
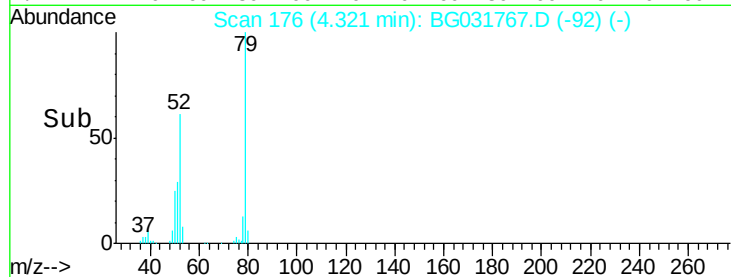
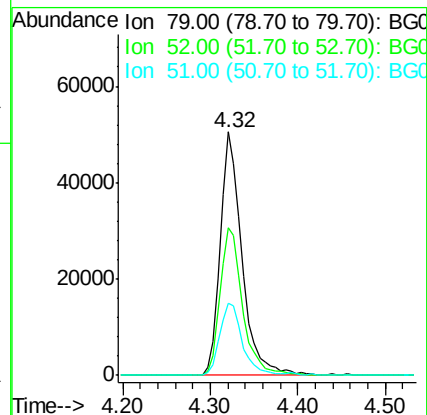
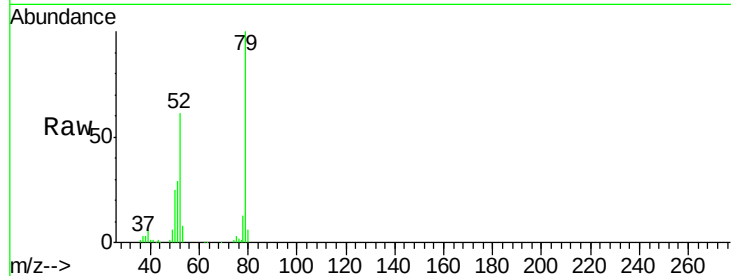
Tot Ion: 79 Resp: 86781

Ion Ratio Lower Upper

79 100

52 60.5 69.9 104.9#

51 29.5 34.0 51.0#



#4

n-Nitrosodimethylamine

Concen: 39.68 ng

RT: 4.23 min Scan# 160

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

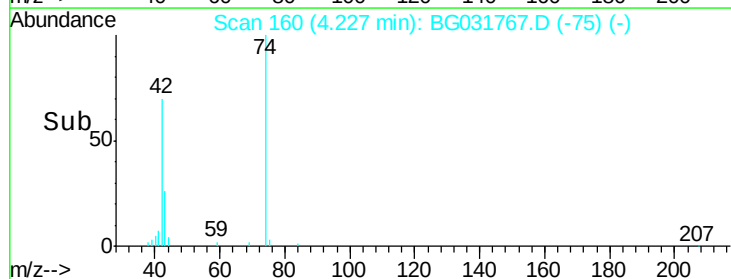
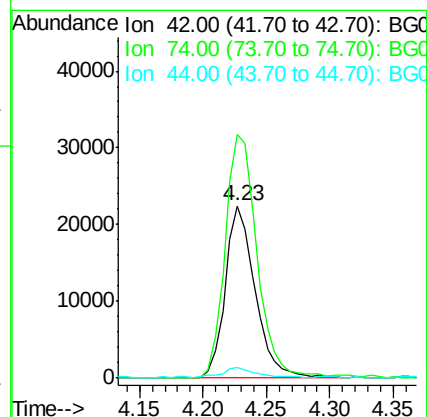
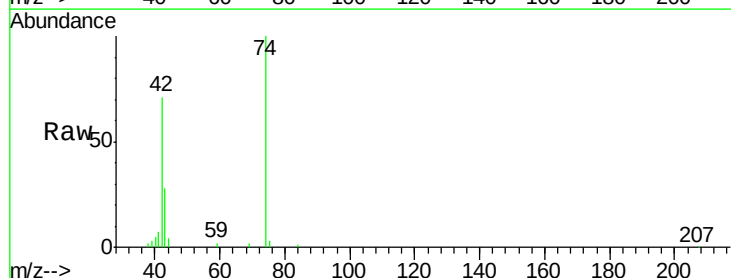
Tgt Ion: 42 Resp: 36710

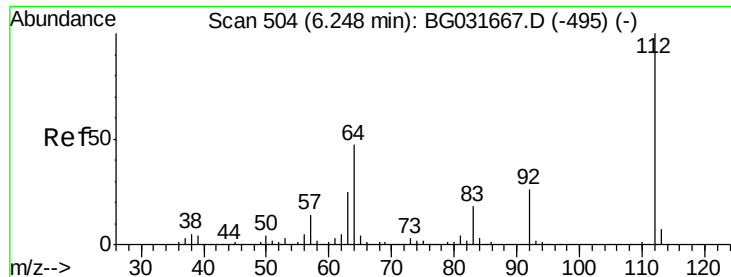
Ion Ratio Lower Upper

42 100

74 141.5 102.5 153.7

44 6.4 18.9 28.3#





#5

2-Fluorophenol

Concen: 155.30 ng

RT: 6.22 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

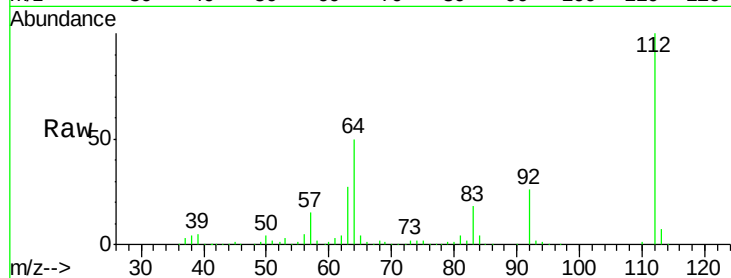
Tot Ion: 112 Resp: 359295

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

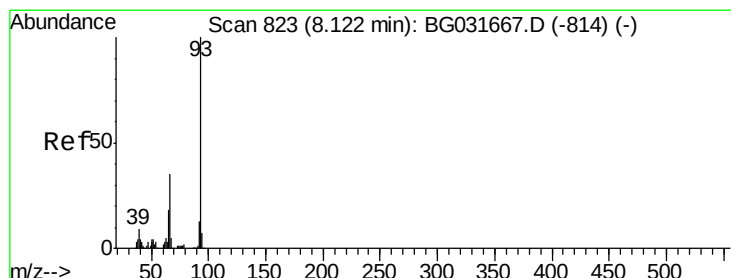
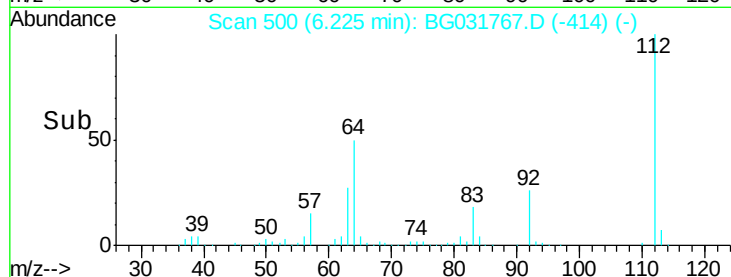
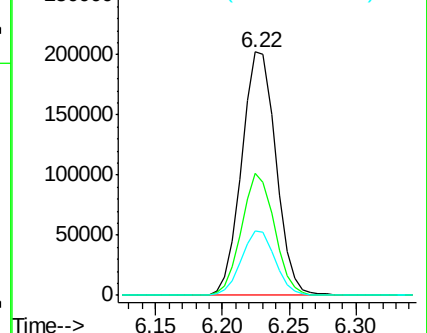
63 26.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 11.80 ng

RT: 8.10 min Scan# 819

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

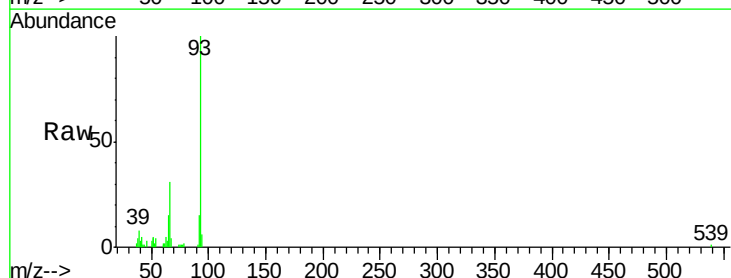
Tgt Ion: 93 Resp: 45620

Ion Ratio Lower Upper

93 100

66 30.8 33.7 50.5#

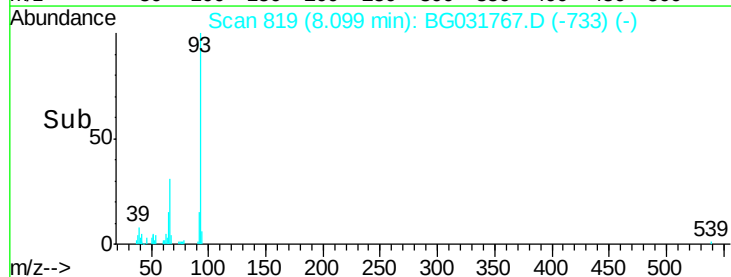
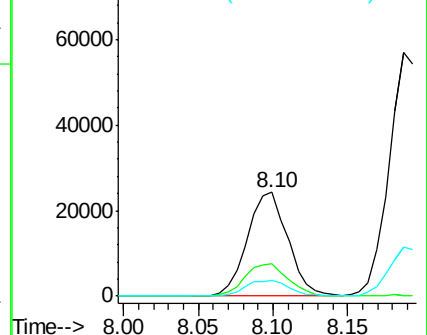
65 14.9 16.1 24.1#

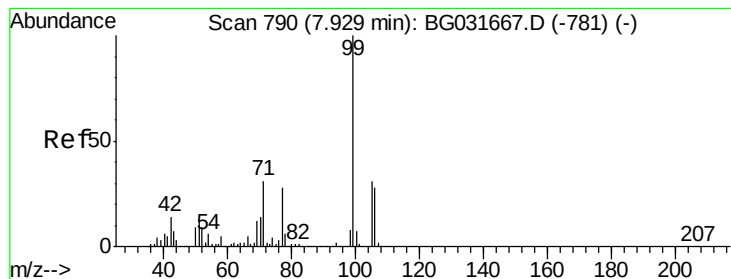


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.81 ng

RT: 7.91 min Scan# 787

Delta R.T. -0.02 min

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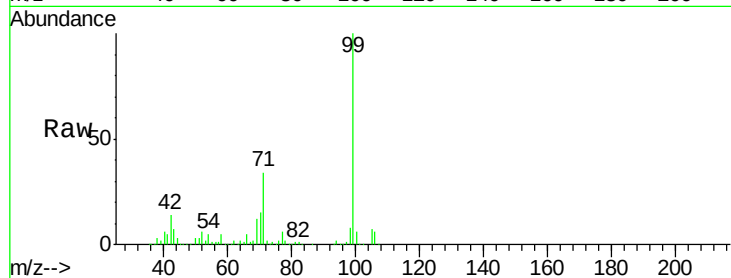
Tot Ion: 99 Resp: 456021

Ion Ratio Lower Upper

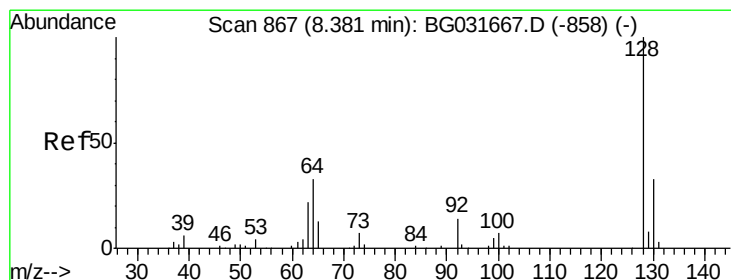
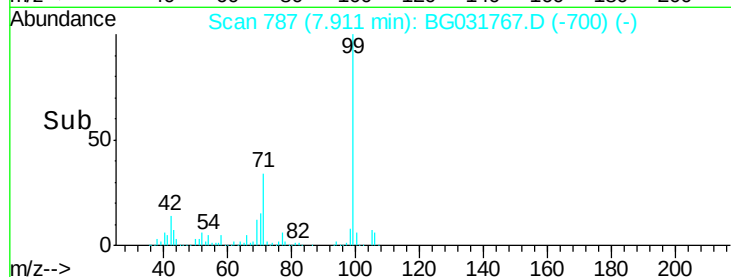
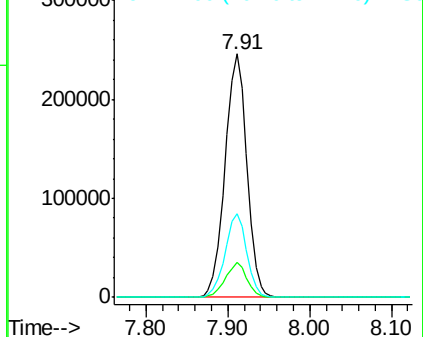
99 100

42 14.4 14.1 21.1

71 34.3 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: 47.34 ng

RT: 8.35 min Scan# 862

Delta R.T. -0.03 min

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Acq: 26 Dec 2017 18:30

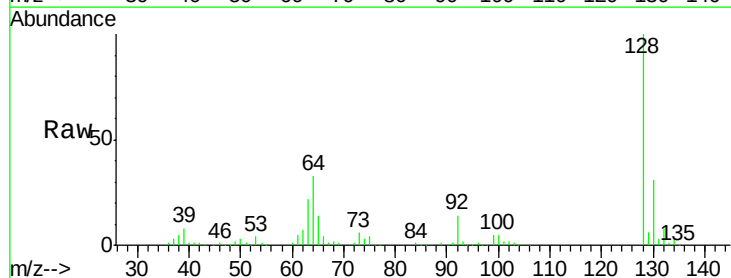
Tgt Ion: 128 Resp: 127045

Ion Ratio Lower Upper

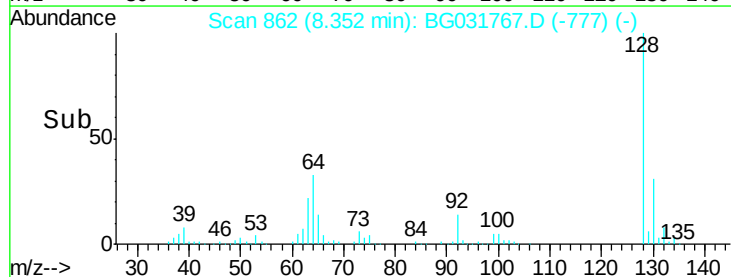
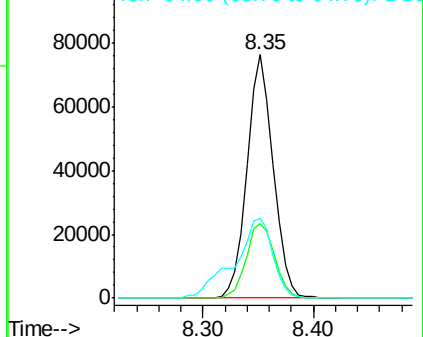
128 100

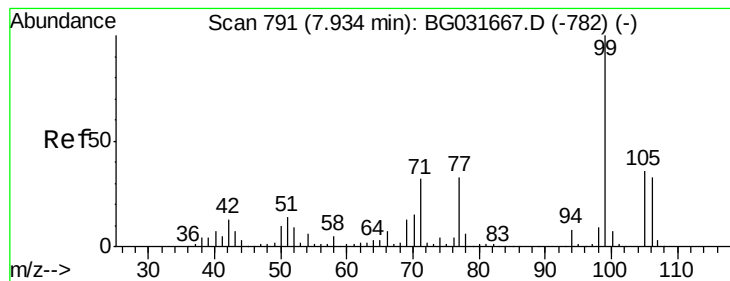
130 30.6 14.0 54.0

64 32.7 37.7 77.7#



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





#9

Benzaldehyde

Concen: 20.57 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.04 min

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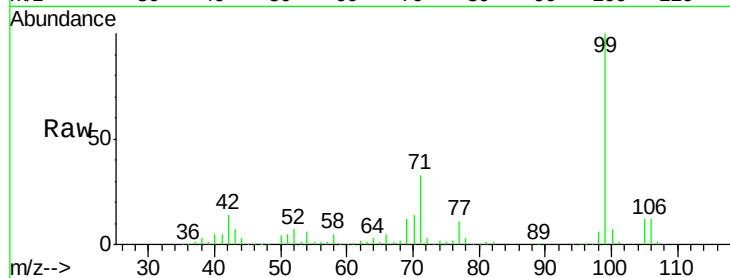
Tot Ion: 77 Resp: 37200

Ion Ratio Lower Upper

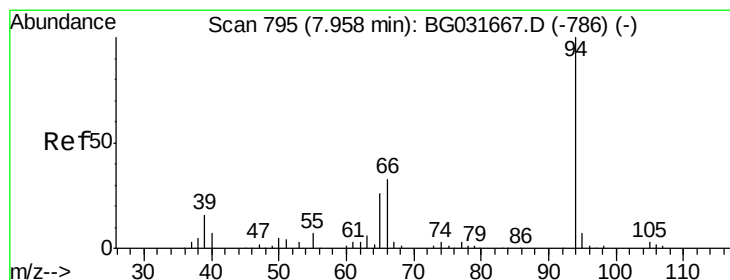
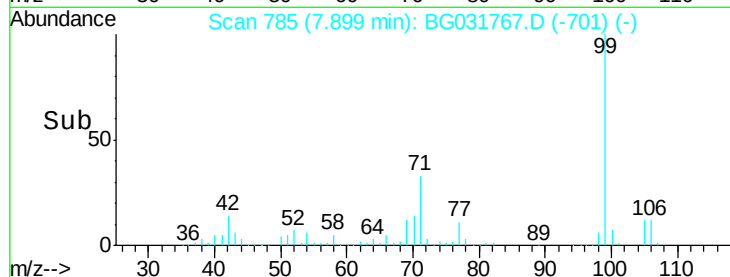
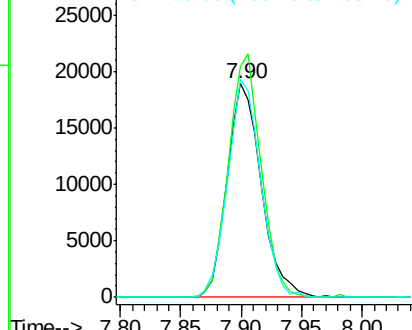
77 100

105 108.1 71.3 111.3

106 101.8 64.2 104.2



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



#10

Phenol

Concen: 46.61 ng

RT: 7.94 min Scan# 792

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

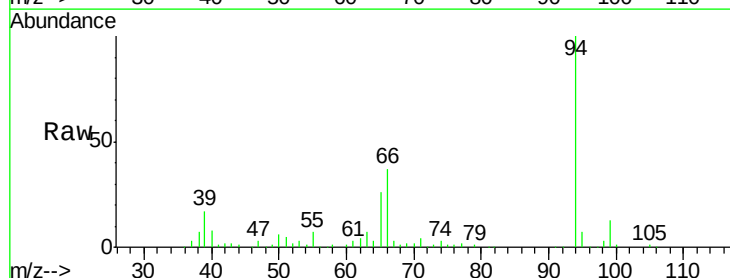
Tgt Ion: 94 Resp: 141366

Ion Ratio Lower Upper

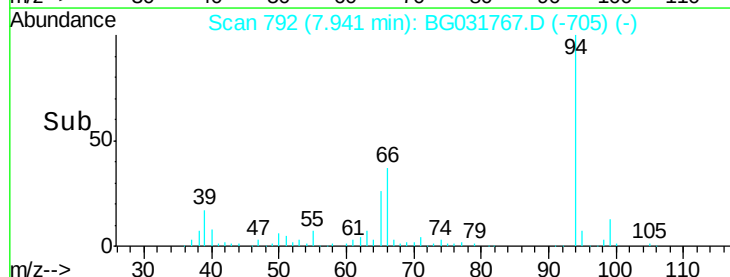
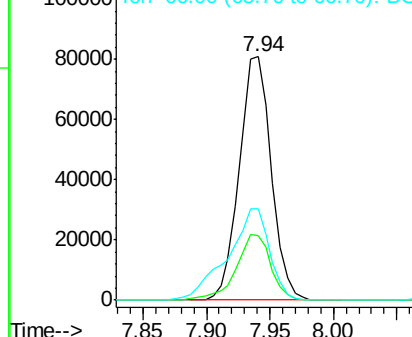
94 100

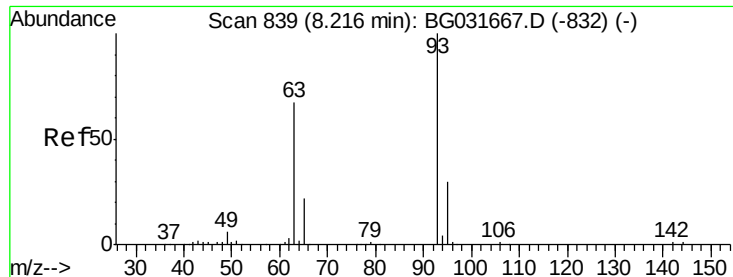
65 26.4 11.9 51.9

66 37.5 22.2 62.2



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

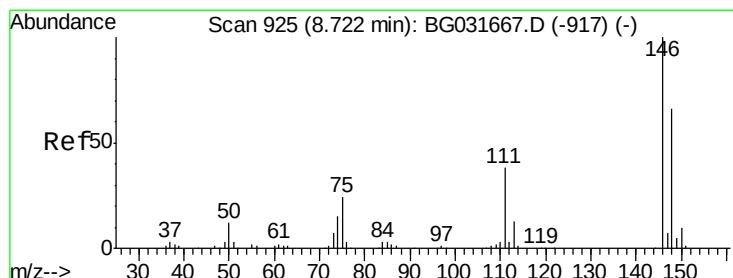
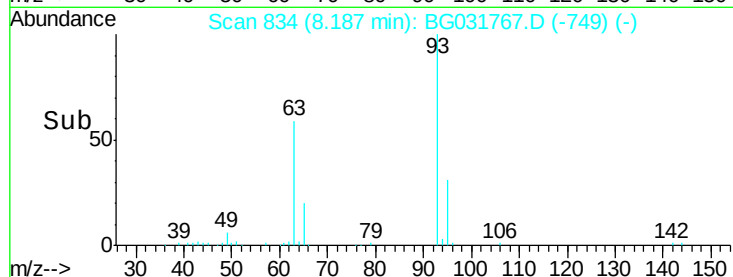
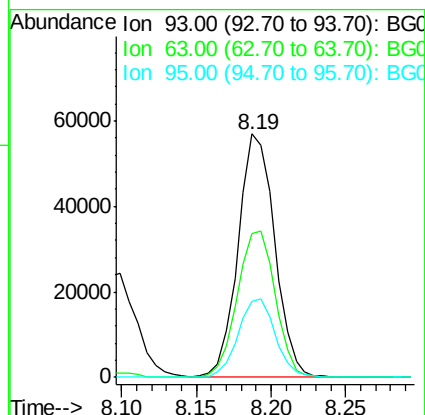
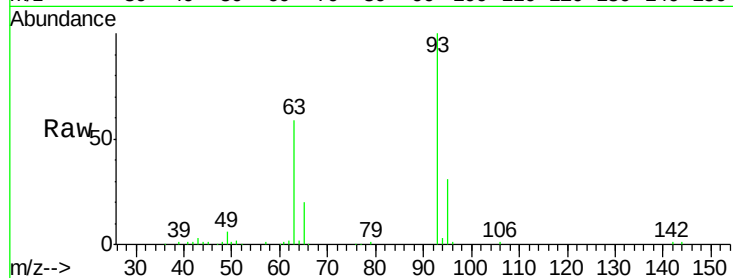




#11
bis(2-Chloroethyl)ether
Concen: 38.47 ng
RT: 8.19 min Scan# 834
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

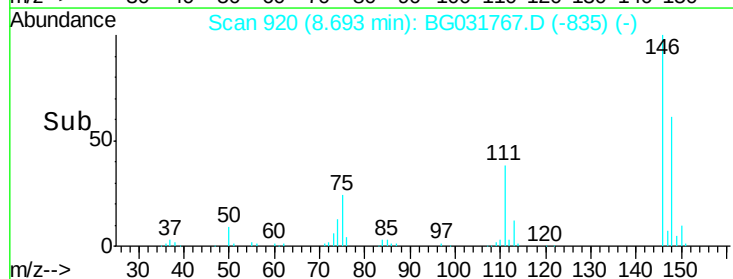
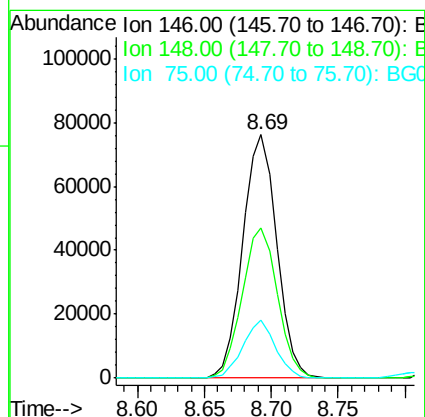
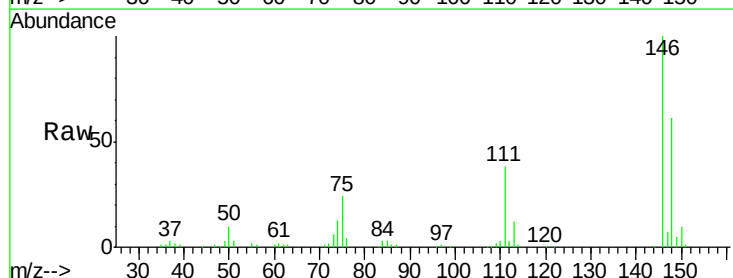
Instrument :
BNA_G
ClientSampleId :
PB105319BS

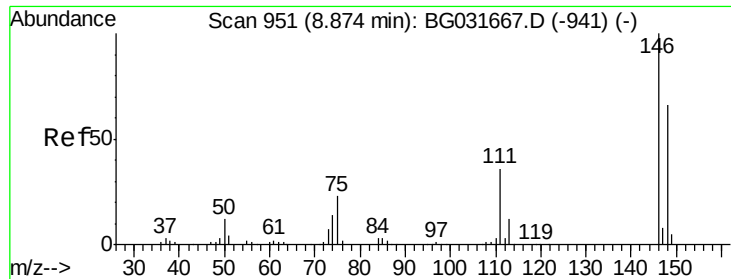
Tot Ion: 93 Resp: 96894
Ion Ratio Lower Upper
93 100
63 58.9 67.1 107.1#
95 31.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.21 ng
RT: 8.69 min Scan# 920
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion: 146 Resp: 134019
Ion Ratio Lower Upper
146 100
148 61.4 51.4 77.2
75 23.9 26.6 39.8#

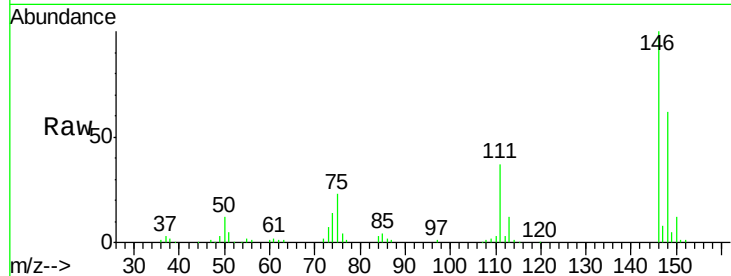




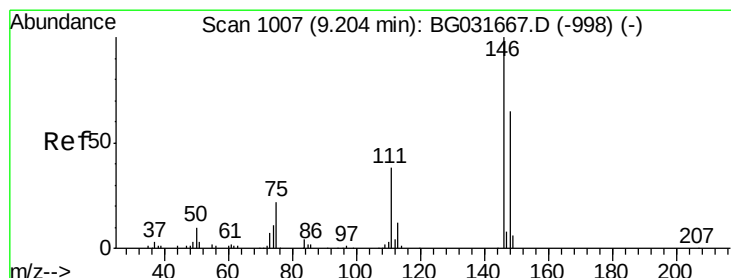
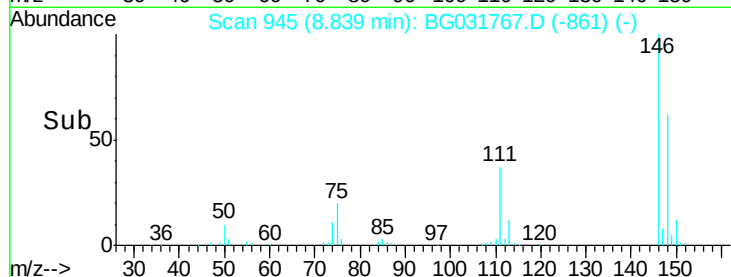
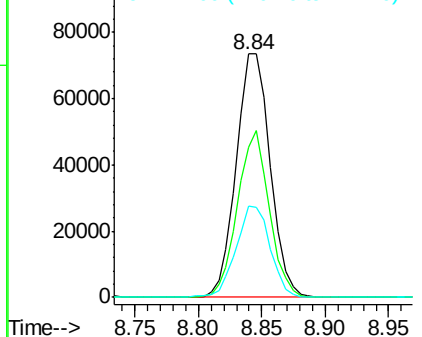
#13
 1,4-Dichlorobenzene
 Concen: 40.06 ng
 RT: 8.84 min Scan# 945
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Instrument :
 BNA_G
 ClientSampleID :
 PB105319BS

Tot Ion:146 Resp: 136396
 Ion Ratio Lower Upper
 146 100
 148 61.9 53.7 80.5
 111 37.3 35.2 52.8

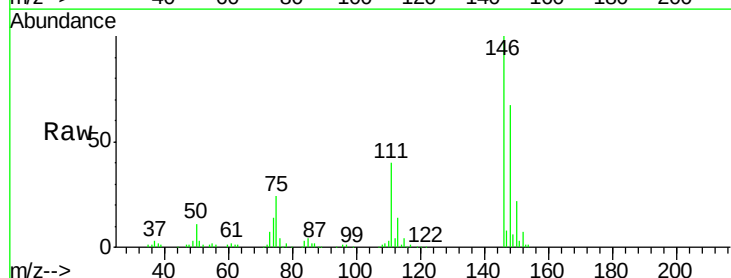


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

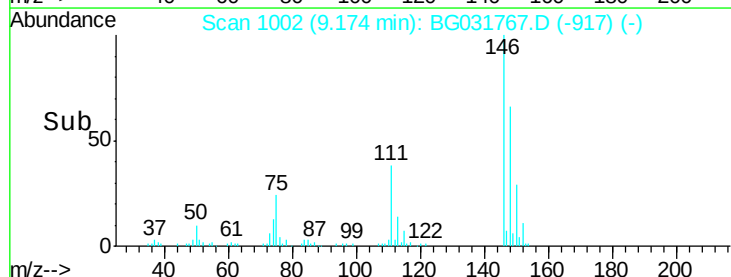
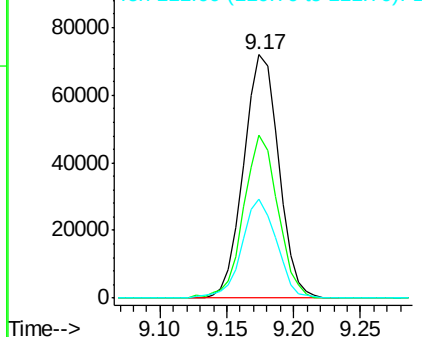


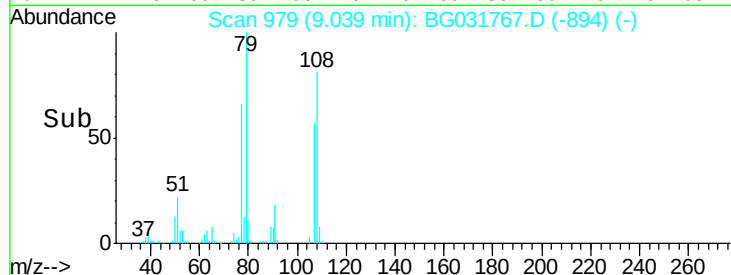
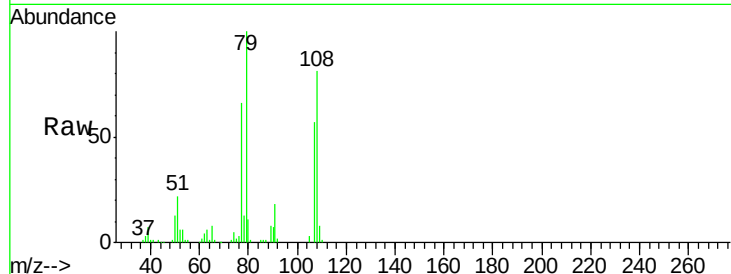
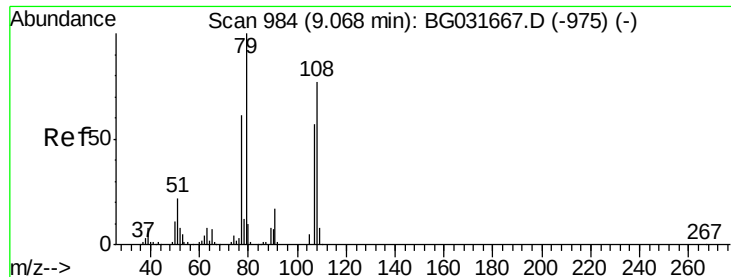
#14
 1,2-Dichlorobenzene
 Concen: 40.52 ng
 RT: 9.17 min Scan# 1002
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion:146 Resp: 130728
 Ion Ratio Lower Upper
 146 100
 148 67.0 49.3 73.9
 111 40.4 34.3 51.5



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

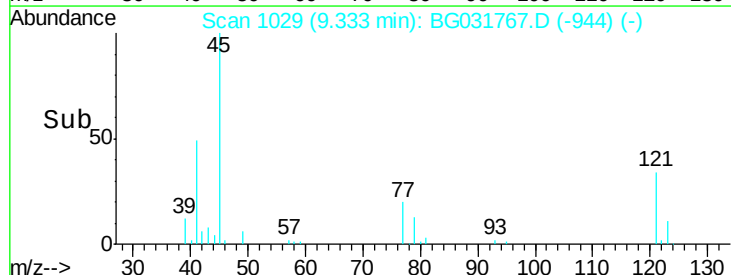
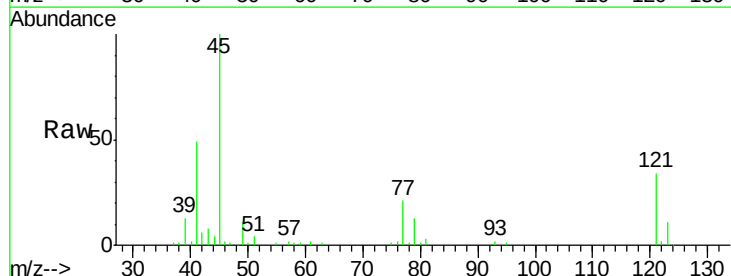
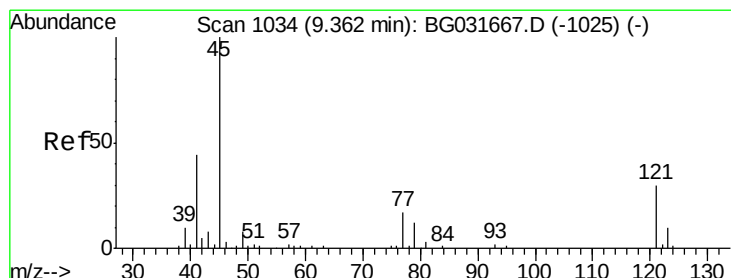
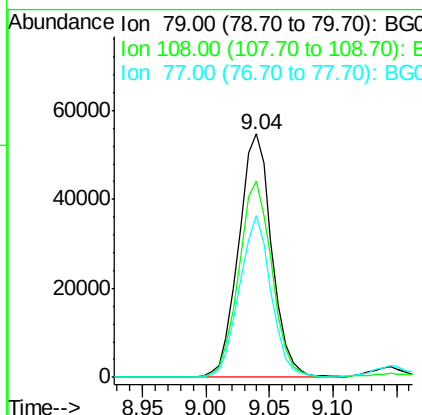




#15
Benzyl Alcohol
Concen: 43.92 ng
RT: 9.04 min Scan# 979
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

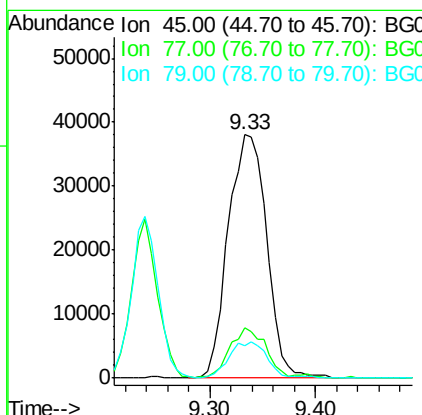
Instrument :
BNA_G
ClientSampleId :
PB105319BS

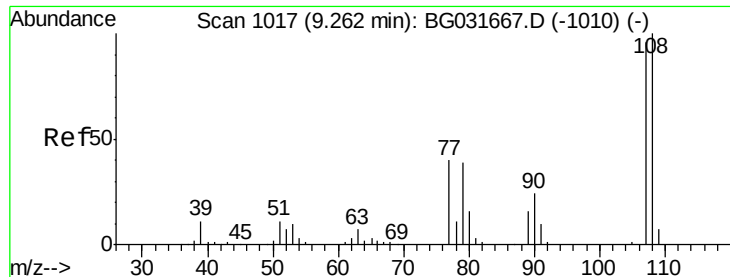
Tot Ion	Ratio	Lower	Upper
79	100		
108	80.7	57.2	85.8
77	66.2	46.1	69.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.91 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	20.6	0.0	30.2
79	13.3	0.0	27.9

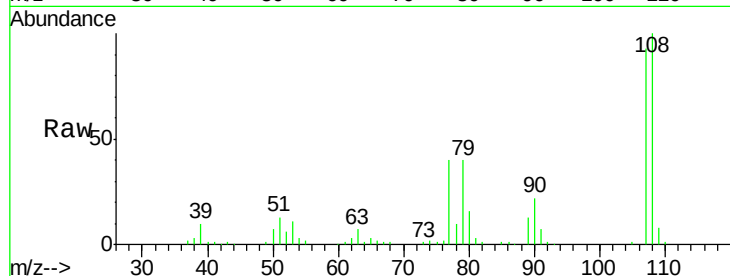




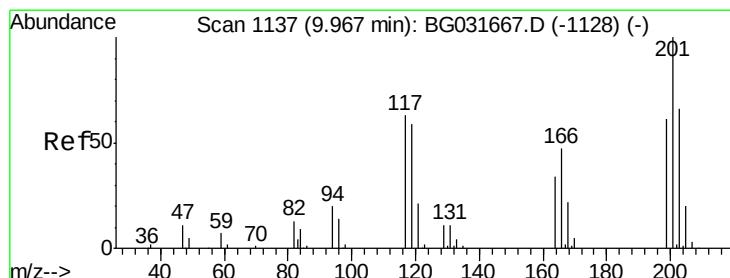
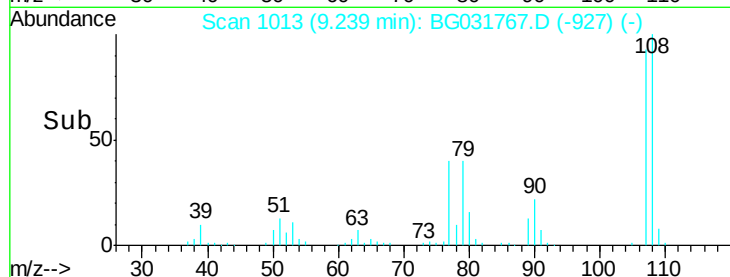
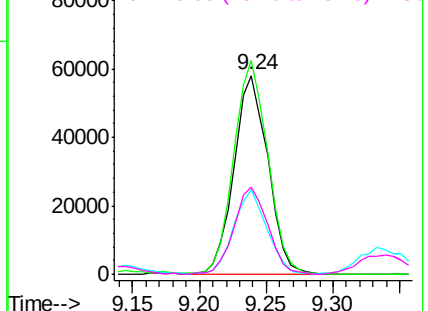
#17
2-Methylphenol
Concen: 47.12 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.02 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	107.3	83.9	125.9
77	42.6	37.2	55.8
79	43.5	36.2	54.2

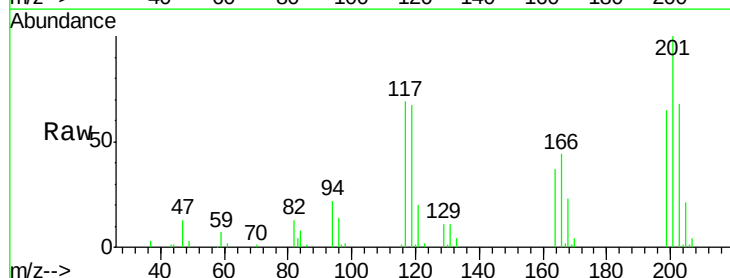


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

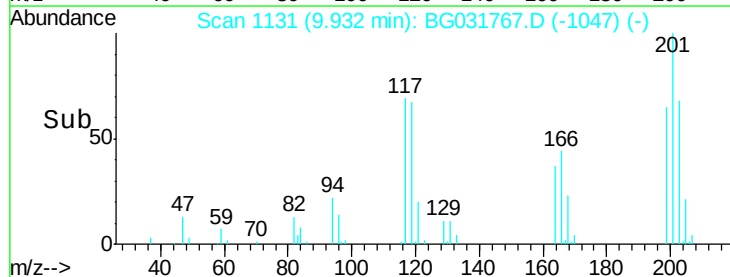
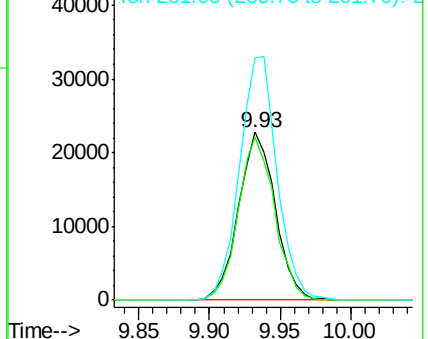


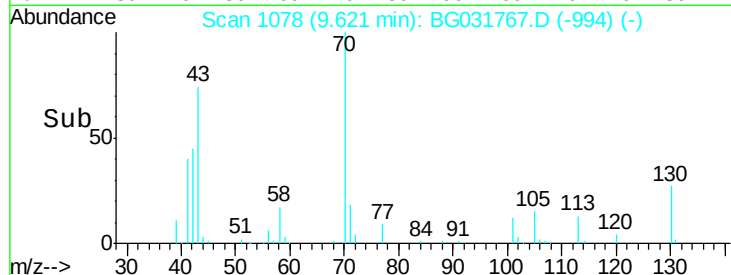
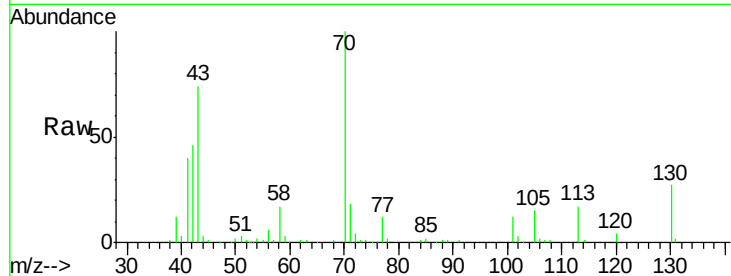
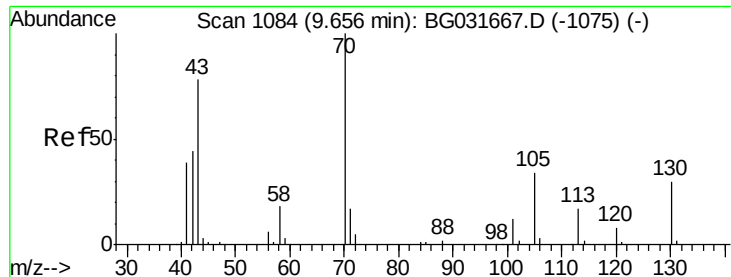
#18
Hexachloroethane
Concen: 40.18 ng
RT: 9.93 min Scan# 1131
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.7	115.1
201	144.7	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

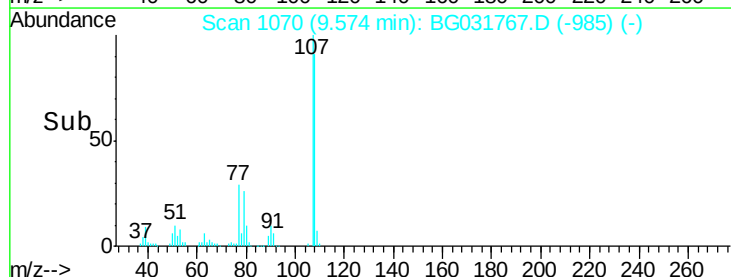
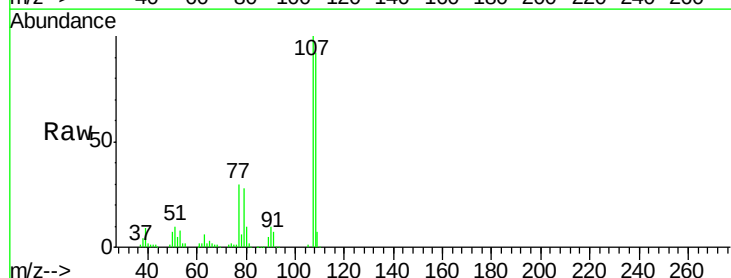
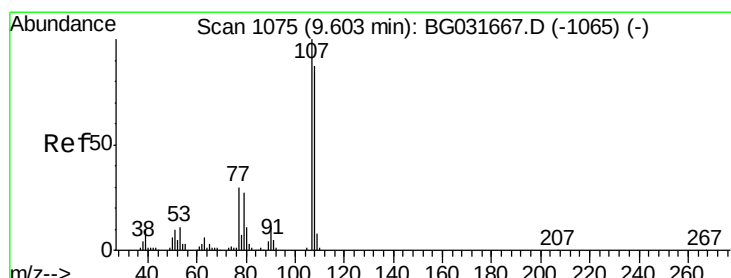
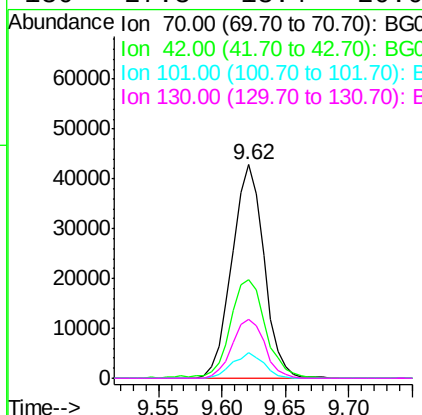




#19
n-Nitroso-di-n-propylamine
Concen: 36.55 ng
RT: 9.62 min Scan# 1078
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

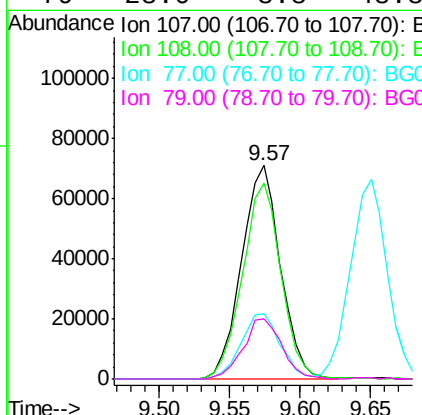
Instrument :
BNA_G
ClientSampleId :
PB105319BS

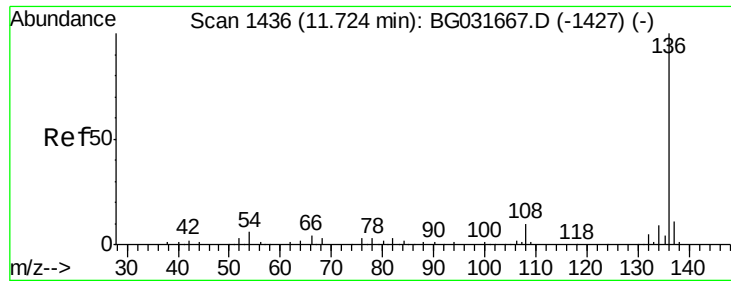
Tot Ion: 70 Resp: 74974
Ion Ratio Lower Upper
70 100
42 46.2 49.1 73.7#
101 12.1 8.5 12.7
130 27.3 13.4 20.0#



#20
3+4-Methylphenols
Concen: 44.30 ng
RT: 9.57 min Scan# 1070
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:107 Resp: 136626
Ion Ratio Lower Upper
107 100
108 91.6 61.6 101.6
77 30.3 13.9 53.9
79 28.0 8.8 48.8

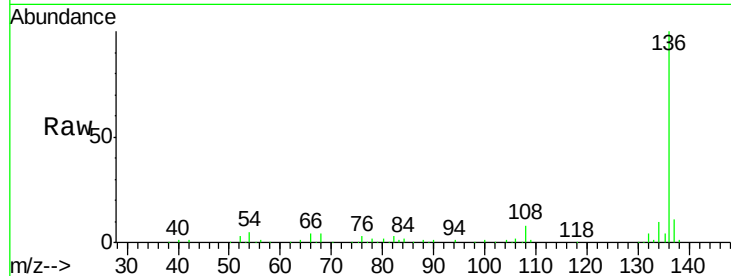




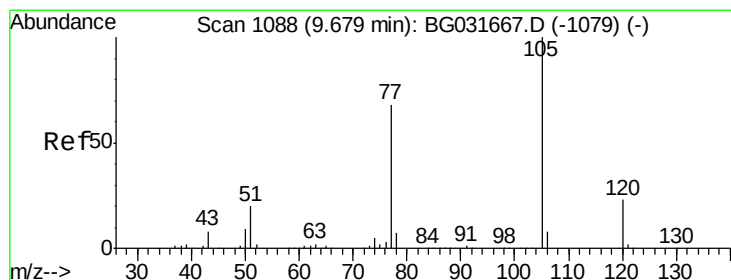
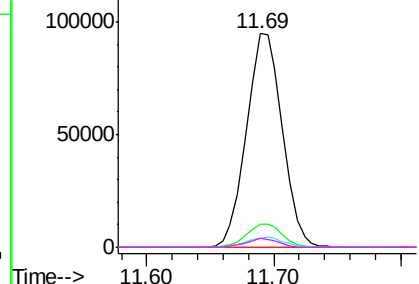
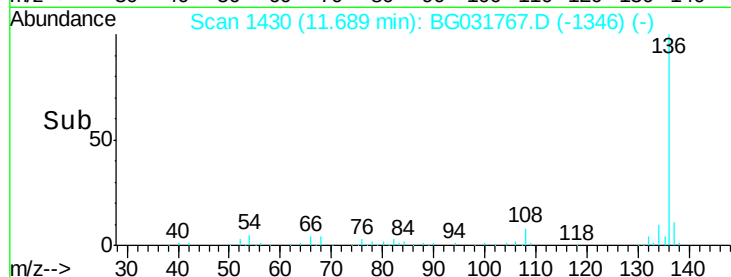
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.69 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

Tot Ion:136	Resp:	186131
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	4.5	10.3 15.5#
68	4.0	4.5 6.7#

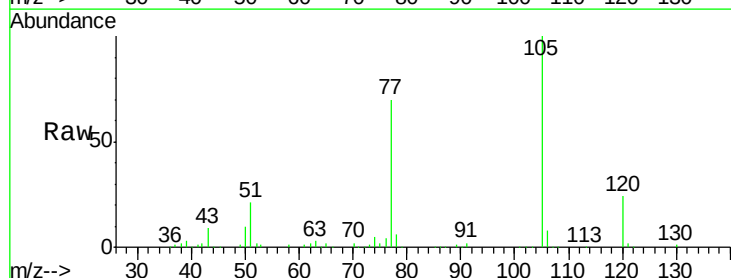


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

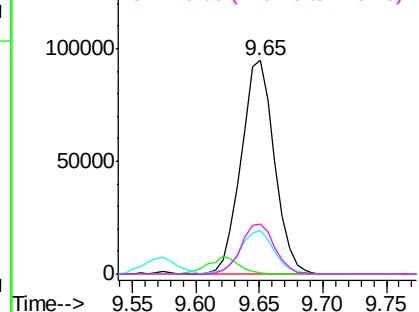
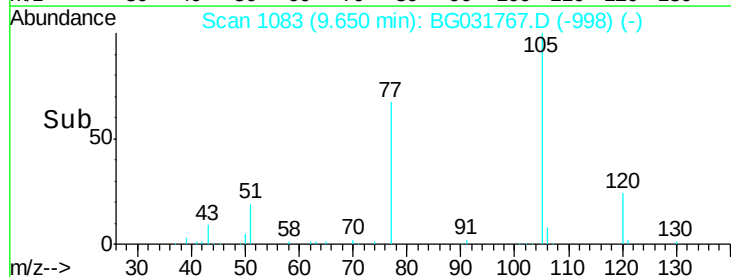


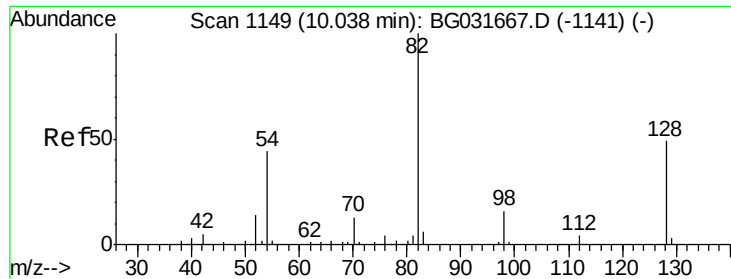
#22
Acetophenone
Concen: 39.85 ng
RT: 9.65 min Scan# 1083
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:105	Resp:	172333
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	20.6	26.1 39.1#
120	23.7	17.4 26.2



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

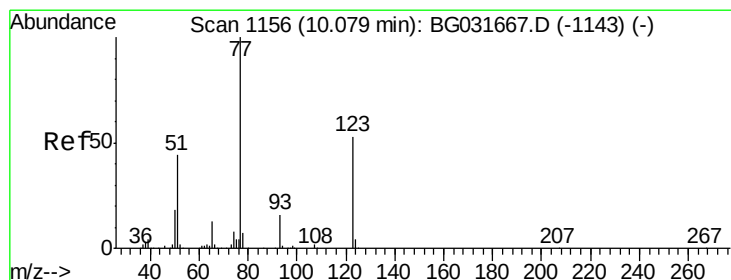
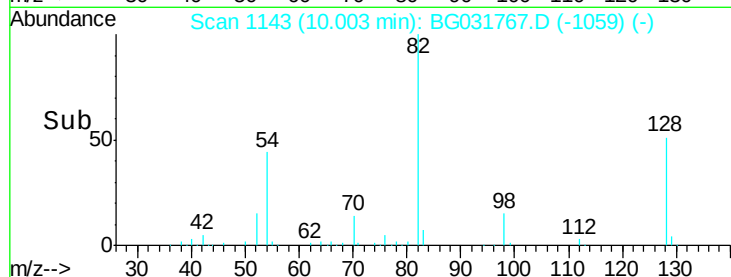
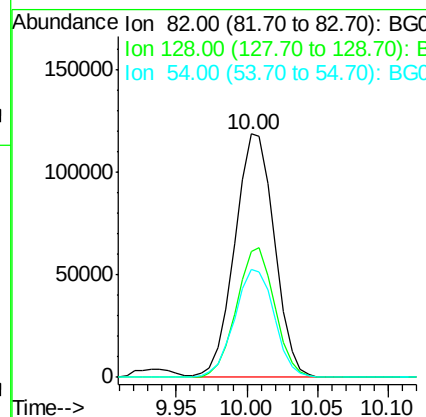
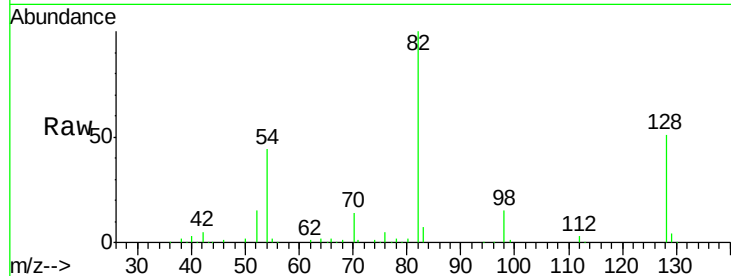




#23
 Nitrobenzene-d5
 Concen: 94.43 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

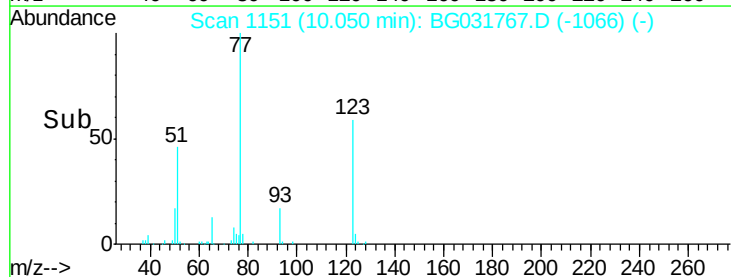
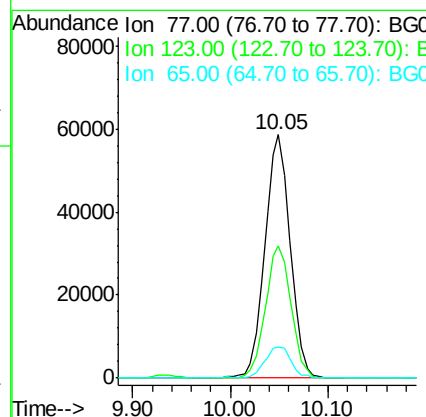
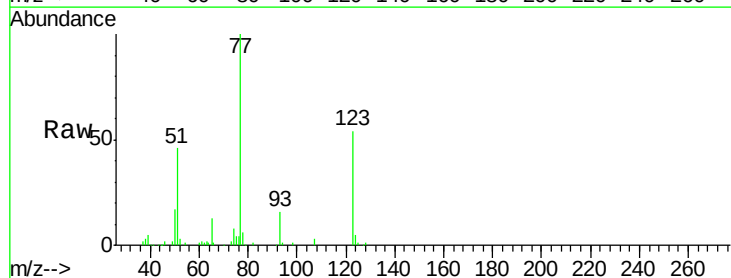
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

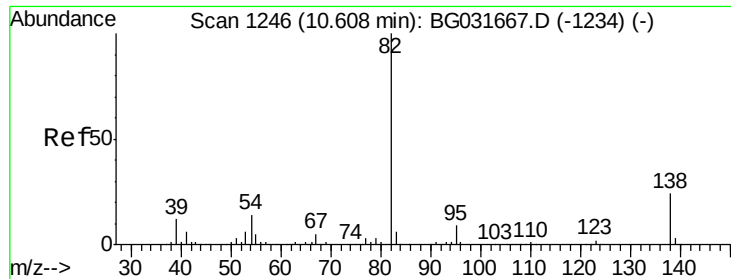
Tot Ion: 82 Resp: 232752
 Ion Ratio Lower Upper
 82 100
 128 51.5 29.7 44.5#
 54 44.3 43.1 64.7



#24
 Nitrobenzene
 Concen: 42.06 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion: 77 Resp: 106847
 Ion Ratio Lower Upper
 77 100
 123 54.2 33.0 49.6#
 65 12.5 13.0 19.6#





#25

Isophorone

Concen: 40.04 ng

RT: 10.57 min Scan# 1240

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

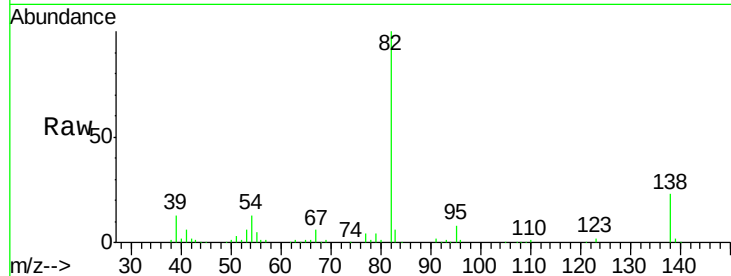
Tot Ion: 82 Resp: 212473

Ion Ratio Lower Upper

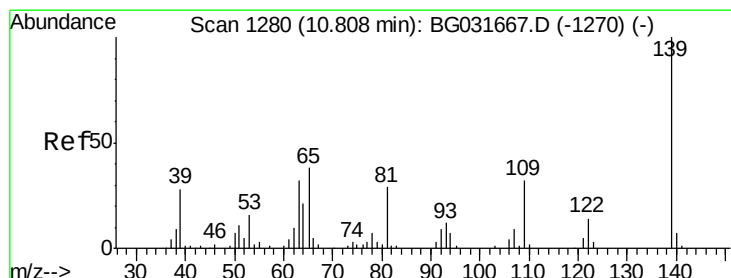
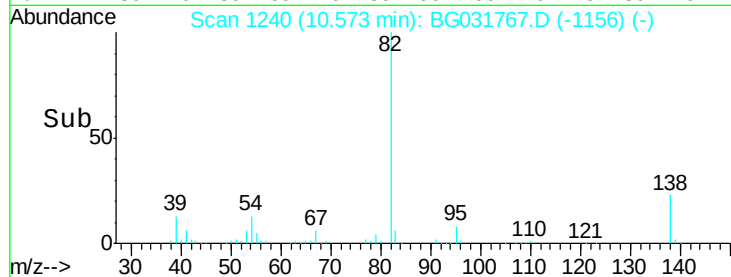
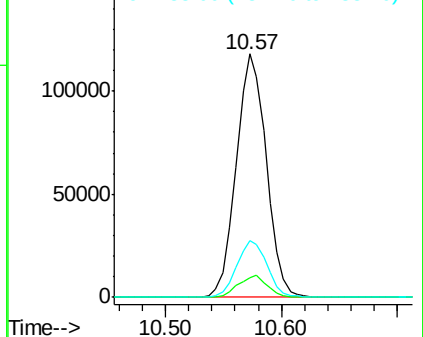
82 100

95 8.3 6.2 9.2

138 23.2 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 50.30 ng

RT: 10.78 min Scan# 1275

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

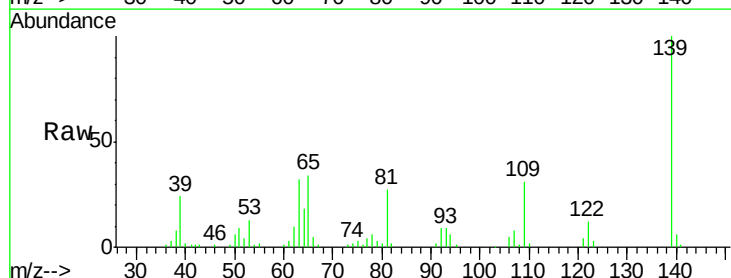
Tgt Ion: 139 Resp: 67003

Ion Ratio Lower Upper

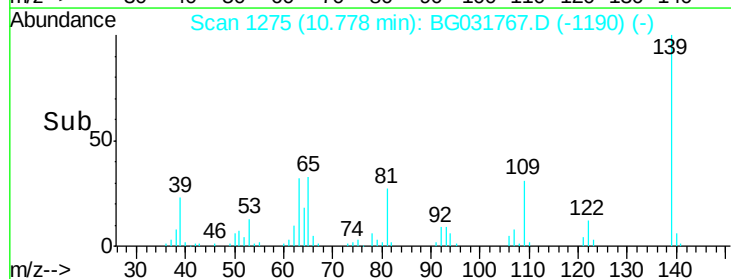
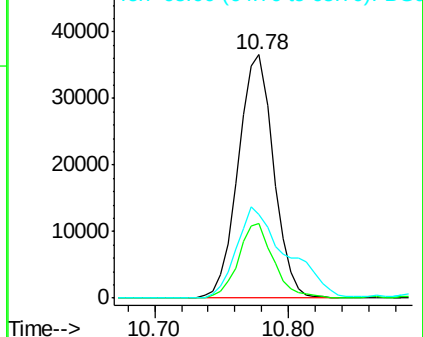
139 100

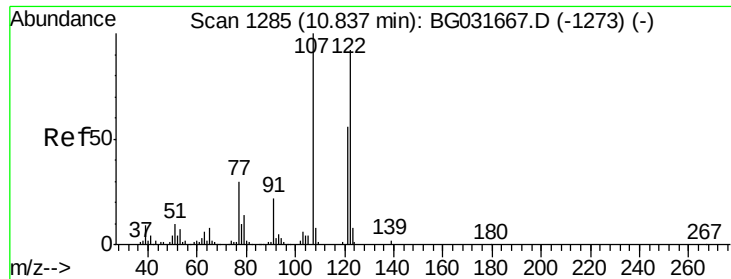
109 30.8 24.2 36.2

65 34.2 47.4 71.0#



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

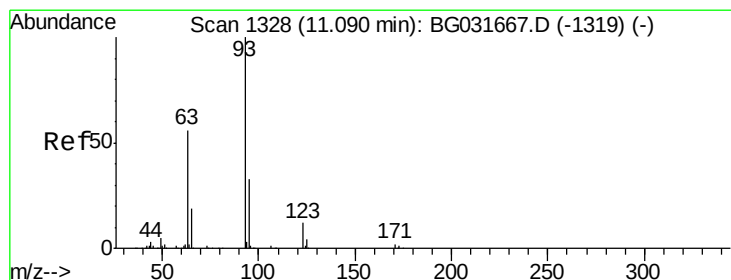
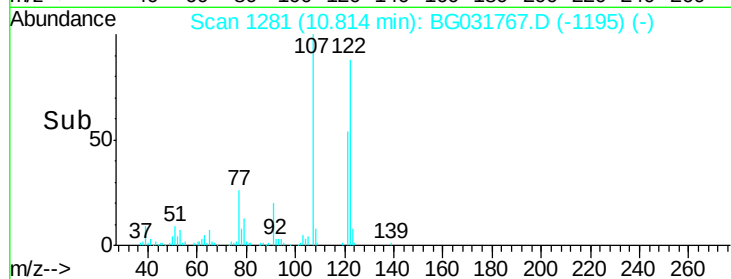
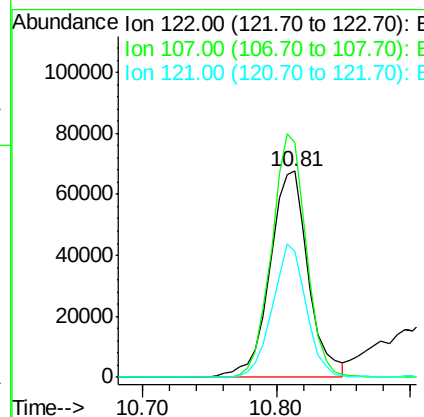
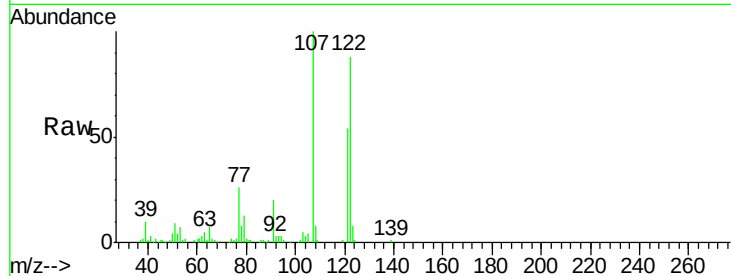




#27
 2,4-Dimethylphenol
 Concen: 48.44 ng
 RT: 10.81 min Scan# 1281
 Delta R.T. -0.02 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

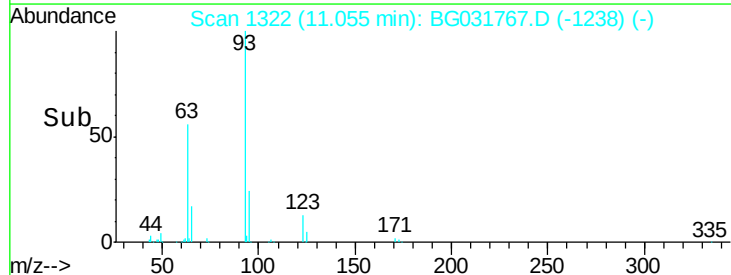
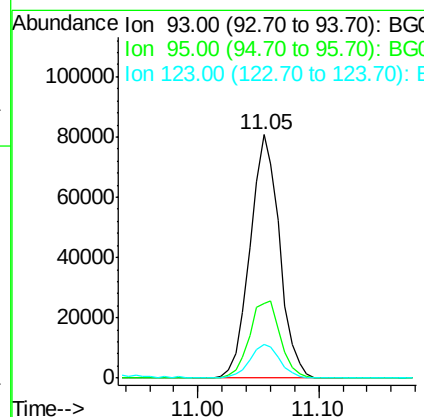
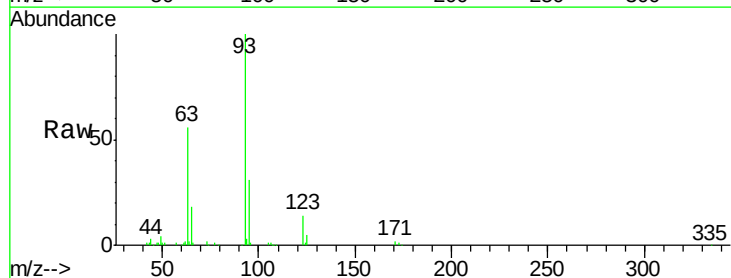
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

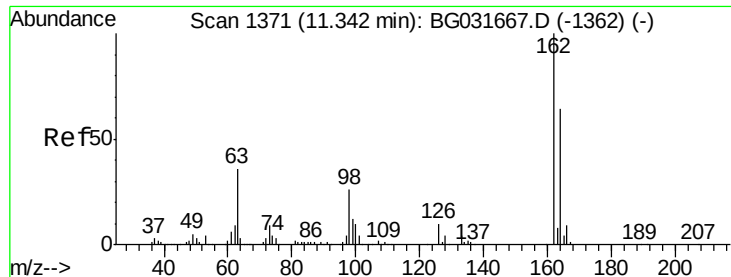
Tot Ion:122 Resp: 135770
 Ion Ratio Lower Upper
 122 100
 107 113.8 100.2 150.2
 121 61.2 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.45 ng
 RT: 11.05 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion: 93 Resp: 136884
 Ion Ratio Lower Upper
 93 100
 95 30.6 24.3 36.5
 123 13.8 8.4 12.6#

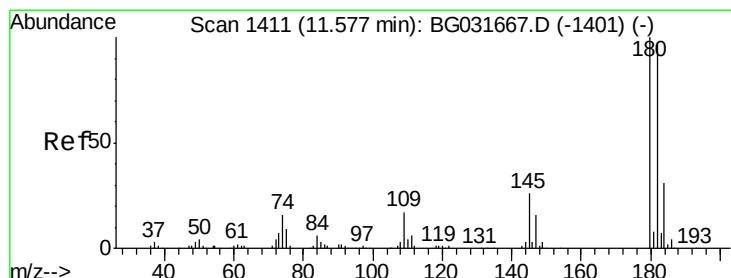
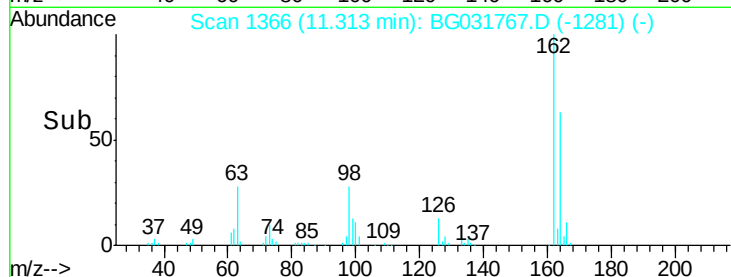
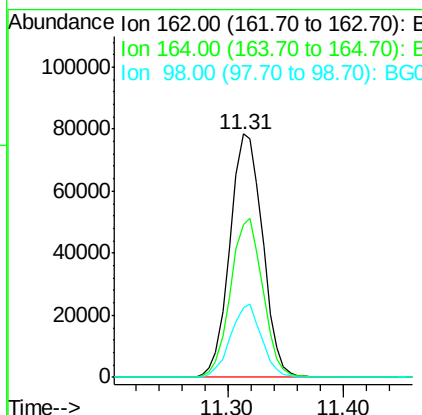
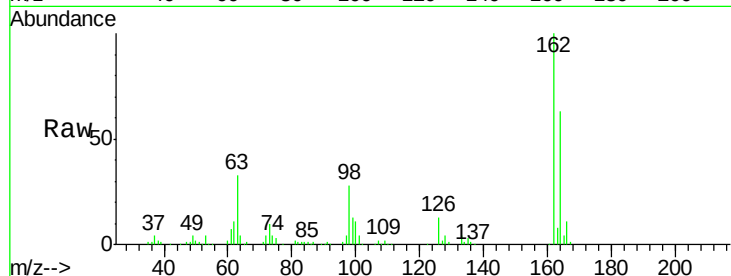




#29
2,4-Dichlorophenol
Concen: 46.81 ng
RT: 11.31 min Scan# 1366
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

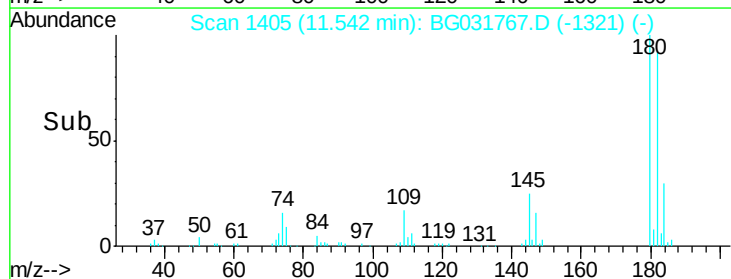
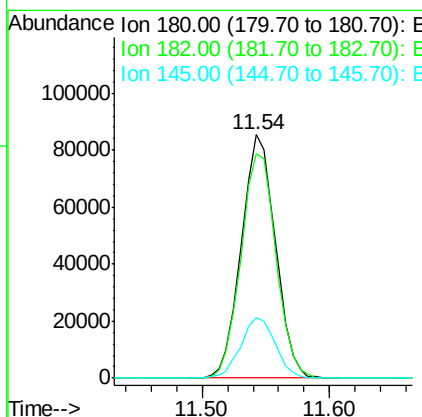
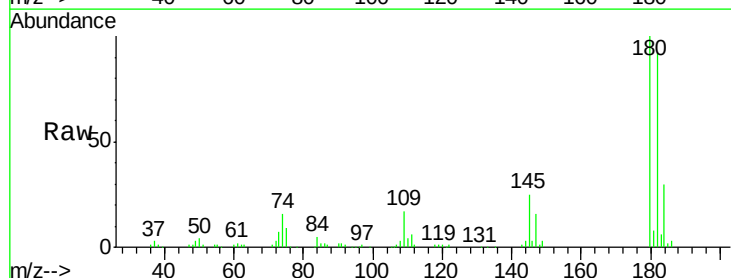
Instrument :
BNA_G
ClientSampleId :
PB105319BS

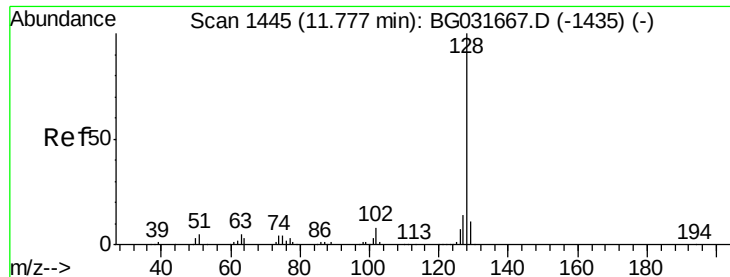
Tot Ion:162 Resp: 154041
Ion Ratio Lower Upper
162 100
164 63.0 48.0 88.0
98 28.4 21.1 61.1



#30
1,2,4-Trichlorobenzene
Concen: 39.69 ng
RT: 11.54 min Scan# 1405
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:180 Resp: 159449
Ion Ratio Lower Upper
180 100
182 92.0 77.5 116.3
145 24.9 23.4 35.2

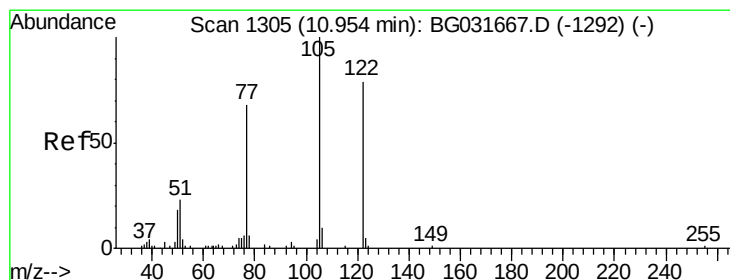
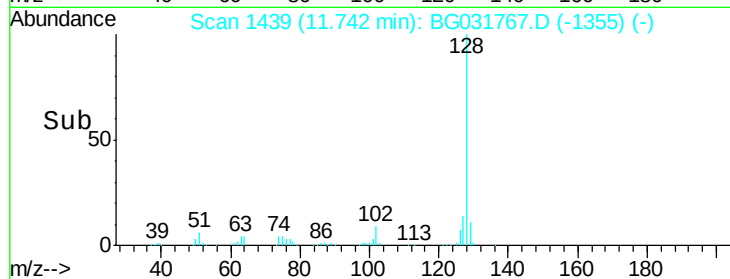
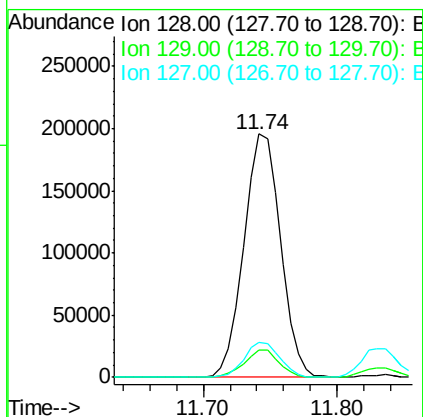
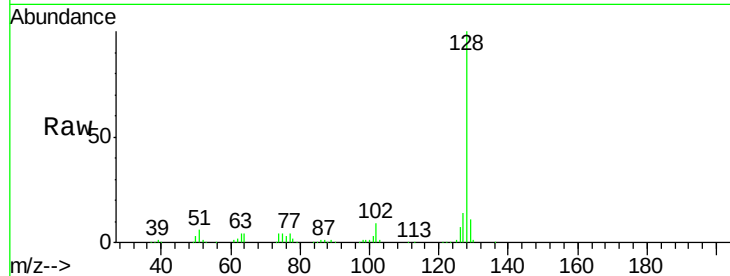




#31
Naphthalene
Concen: 39.58 ng
RT: 11.74 min Scan# 1439
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

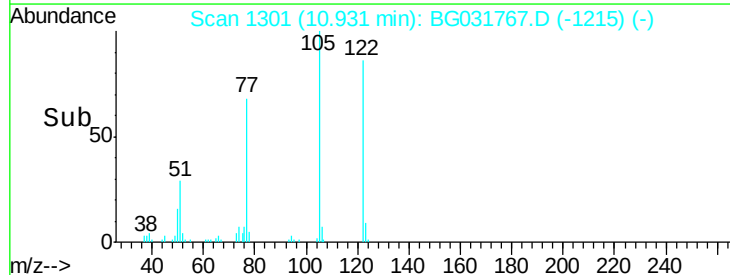
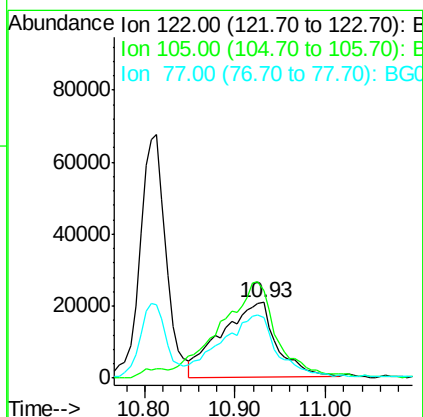
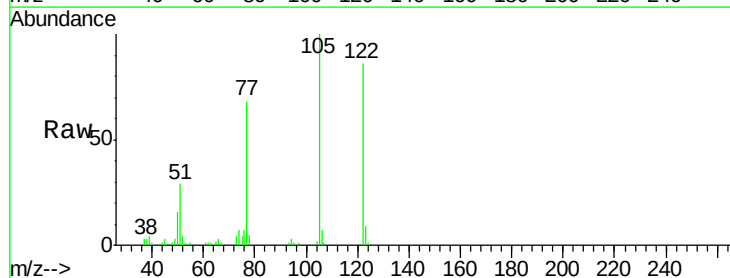
Instrument :
BNA_G
ClientSampleId :
PB105319BS

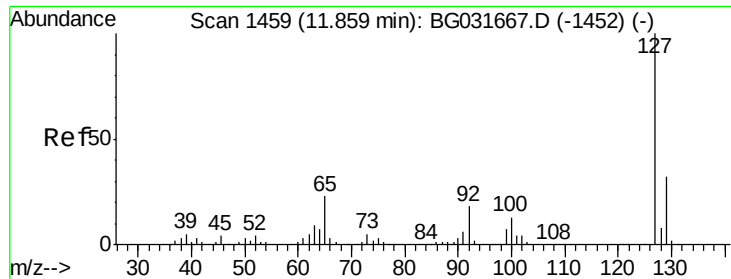
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.3	11.6	17.4



#32
Benzoic acid
Concen: 46.02 ng
RT: 10.93 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	116.4	123.5	163.5#
77	79.7	85.7	125.7#

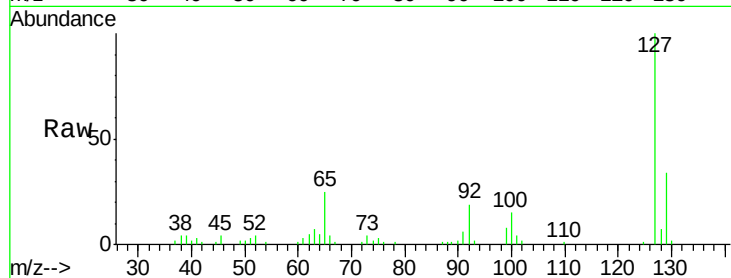




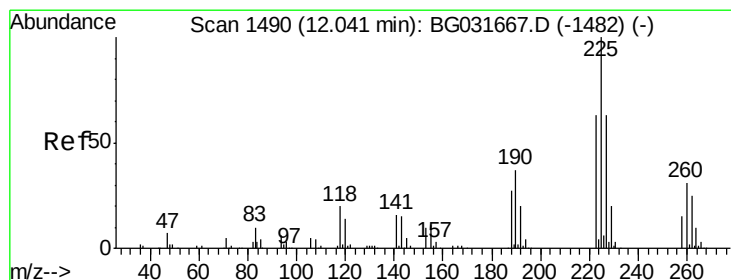
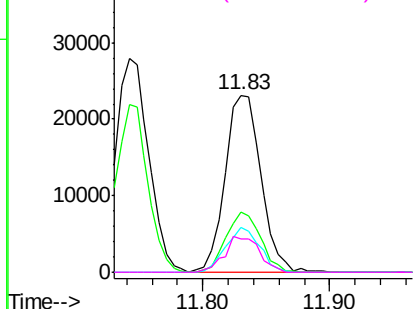
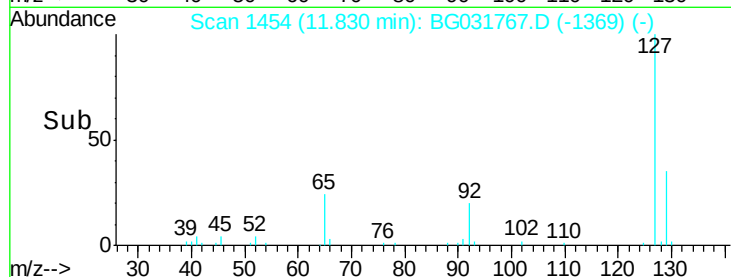
#33
4-Chloroaniline
Concen: 10.81 ng
RT: 11.83 min Scan# 1454
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

Tot Ion:127 Resp: 45205
Ion Ratio Lower Upper
127 100
129 34.3 24.0 36.0
65 25.1 27.0 40.4#
92 19.1 16.6 25.0

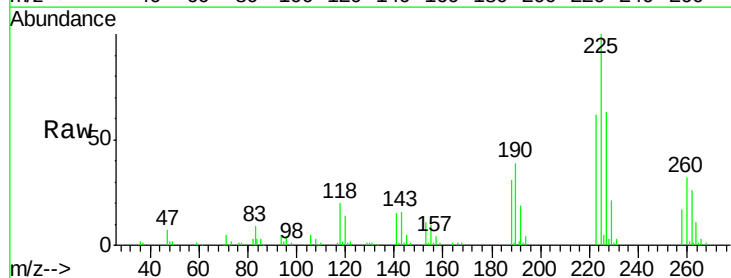


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

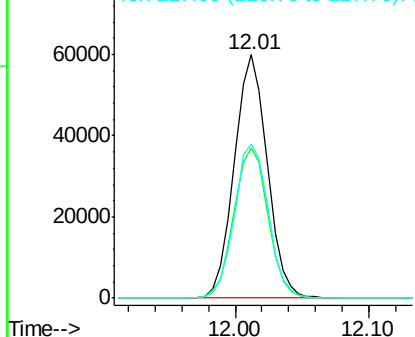
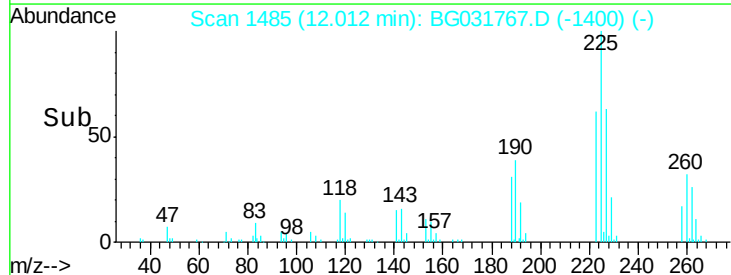


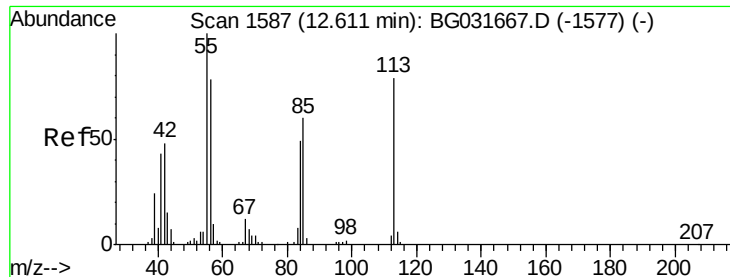
#34
Hexachlorobutadiene
Concen: 37.19 ng
RT: 12.01 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:225 Resp: 102570
Ion Ratio Lower Upper
225 100
223 61.7 49.7 74.5
227 63.2 48.1 72.1



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





#35

Caprolactam

Concen: 48.54 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

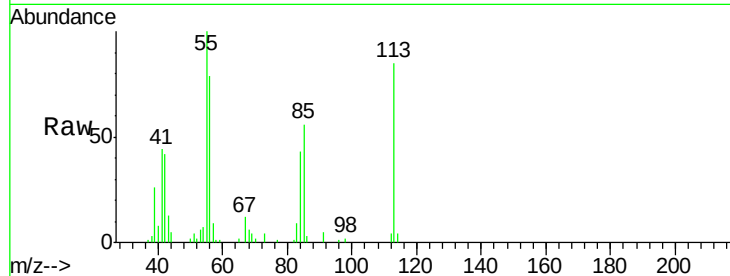
Tot Ion:113 Resp: 48409

Ion Ratio Lower Upper

113 100

55 117.9 186.9 226.9#

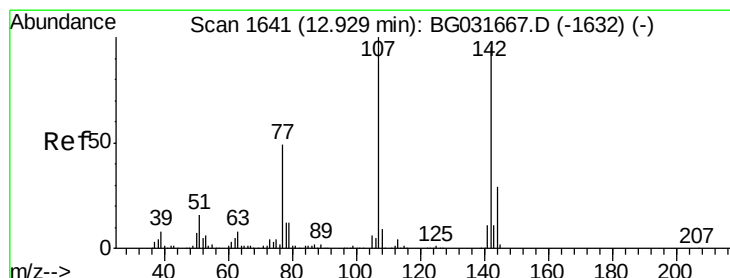
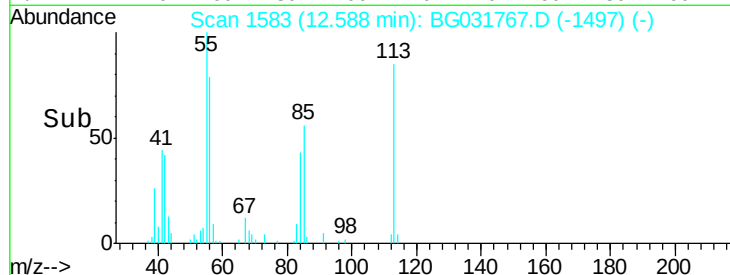
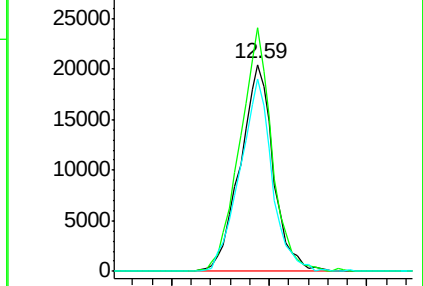
56 93.4 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 45.28 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

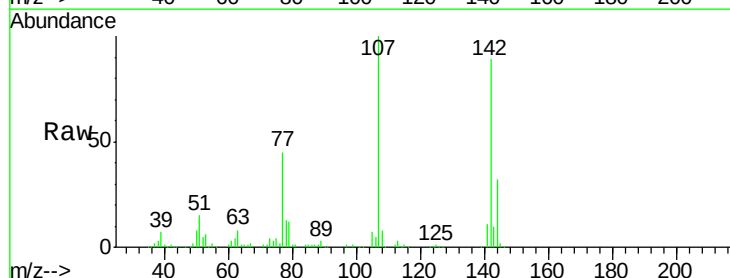
Tgt Ion:107 Resp: 137618

Ion Ratio Lower Upper

107 100

144 31.8 18.2 27.4#

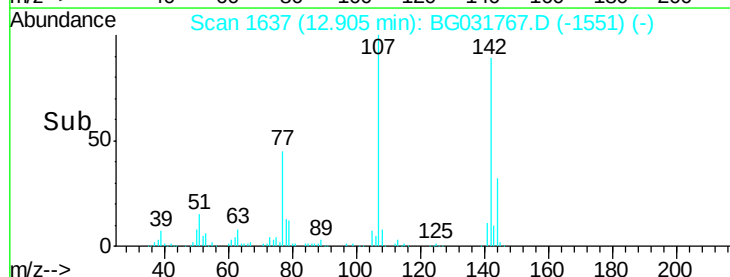
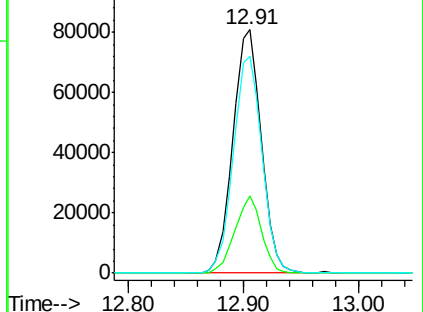
142 88.9 59.0 88.4#

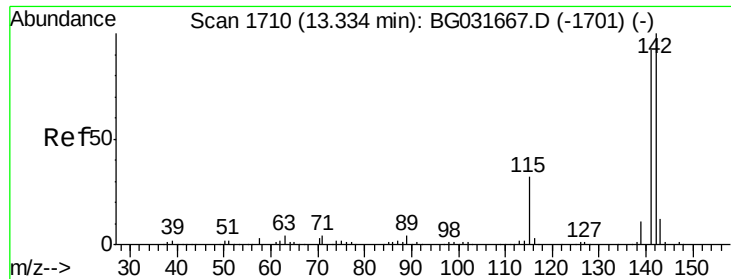


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

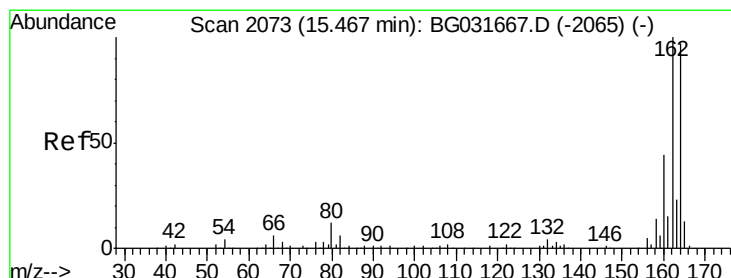
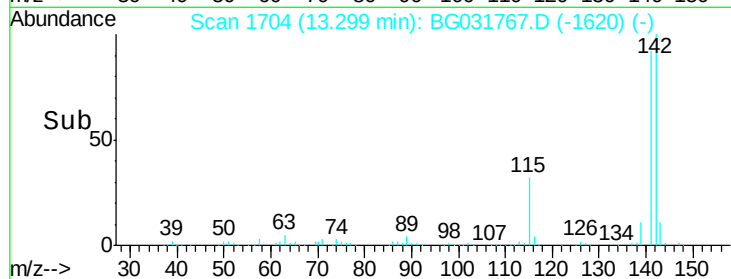
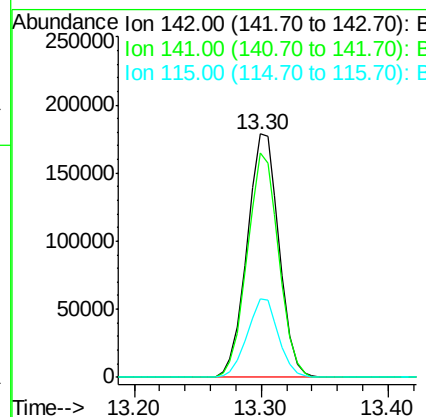
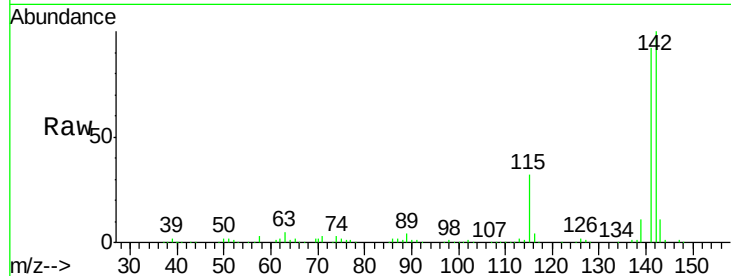




#37
 2-Methylnaphthalene
 Concen: 40.89 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

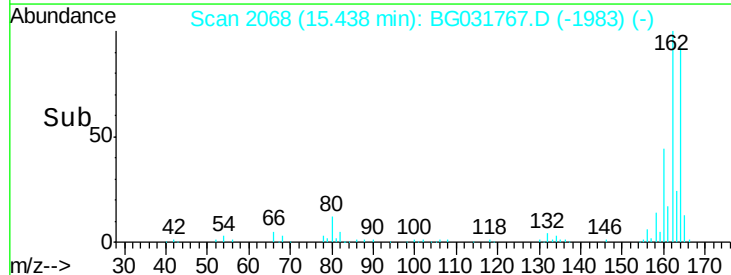
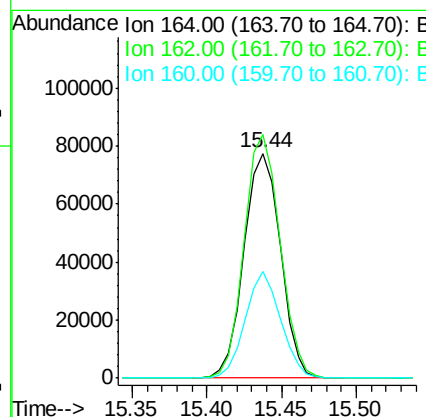
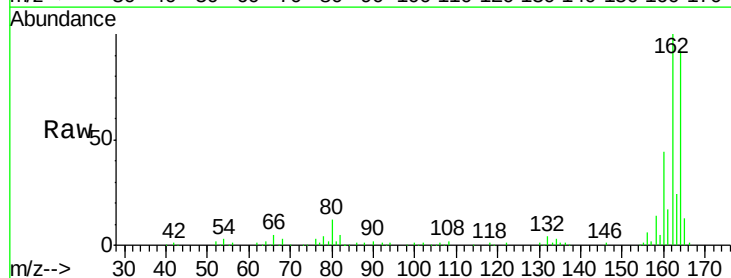
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

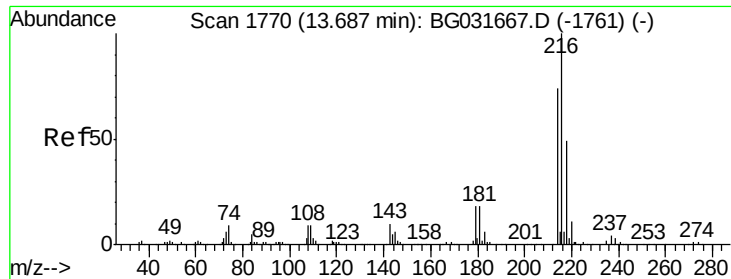
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.9	67.1	100.7
115	32.0	30.7	46.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.44 min Scan# 2068
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.5	78.8	118.2
160	47.8	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.71 ng

RT: 13.65 min Scan# 1764

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

Tot Ion:216 Resp: 220040

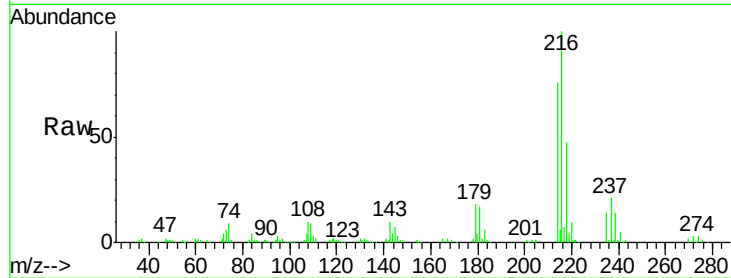
Ion Ratio Lower Upper

216 100

214 76.3 63.0 94.4

179 18.6 17.0 25.6

108 11.7 12.8 19.2#

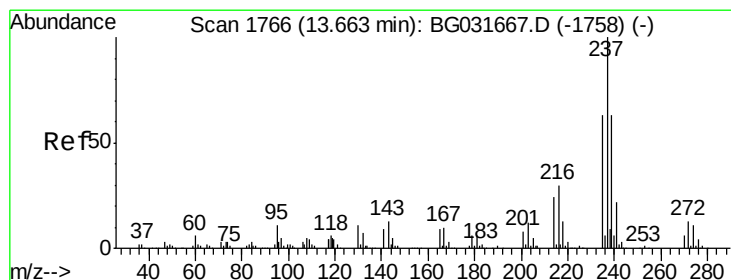
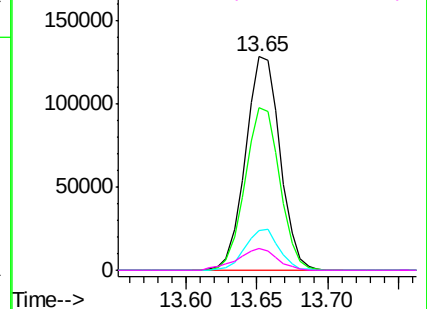
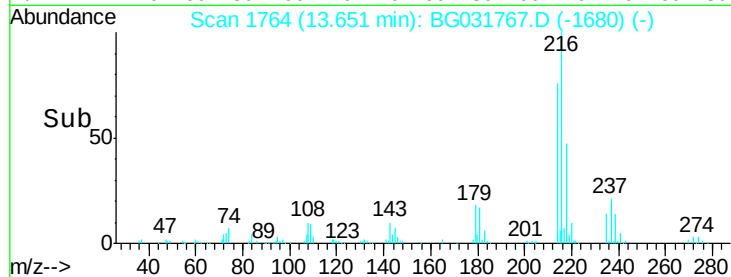


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 93.07 ng

RT: 13.63 min Scan# 1761

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

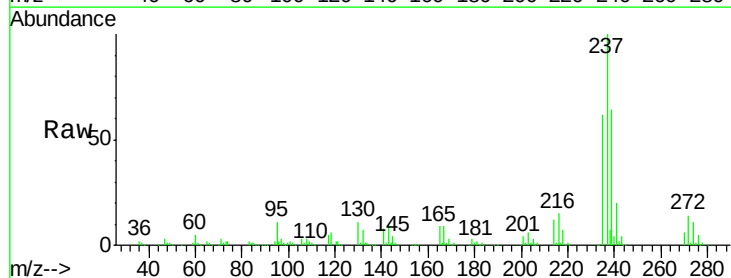
Tgt Ion:237 Resp: 272030

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

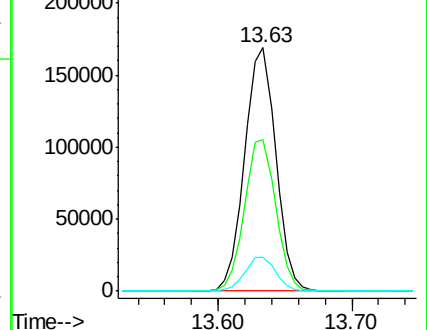
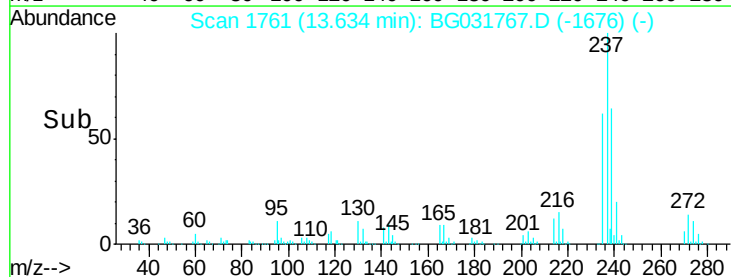
272 13.9 0.0 31.8

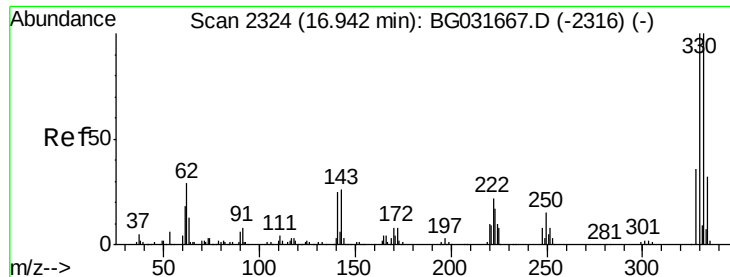


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 159.25 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

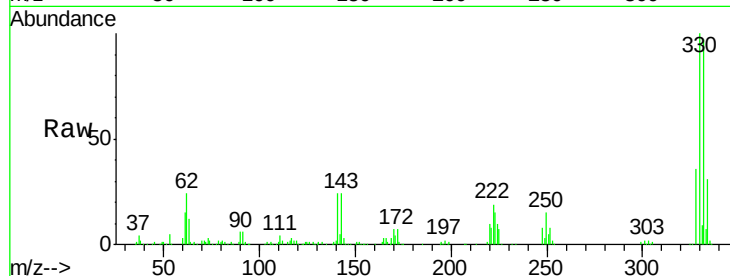
Tot Ion:330 Resp: 319645

Ion Ratio Lower Upper

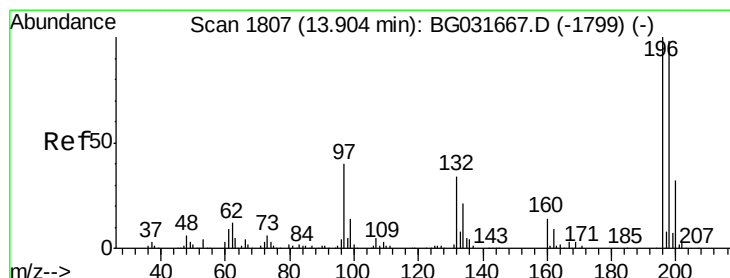
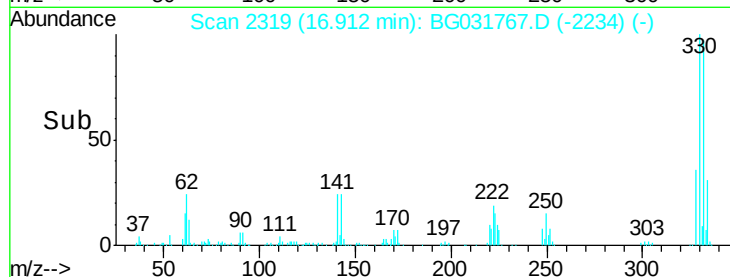
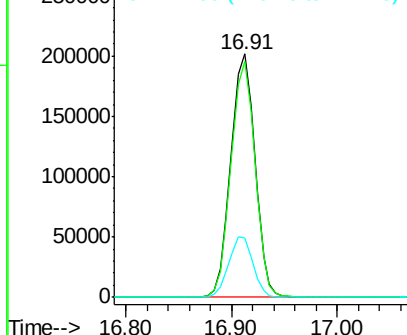
330 100

332 96.5 77.0 115.6

141 24.9 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: 44.56 ng

RT: 13.88 min Scan# 1803

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

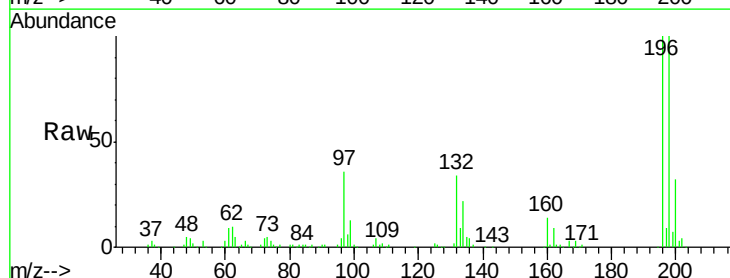
Tgt Ion:196 Resp: 142348

Ion Ratio Lower Upper

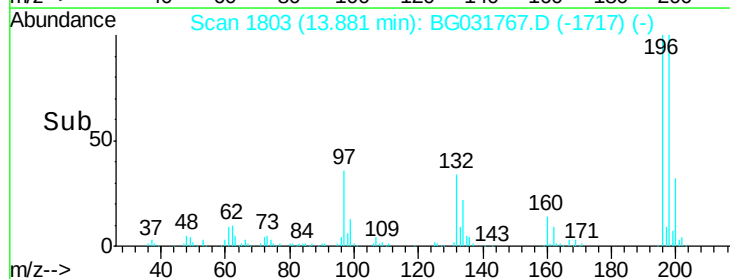
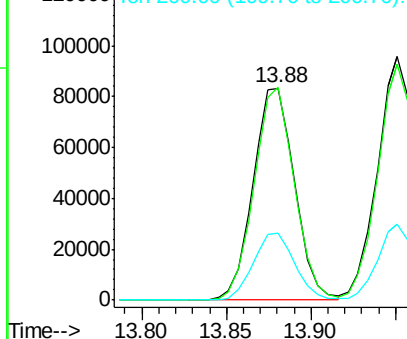
196 100

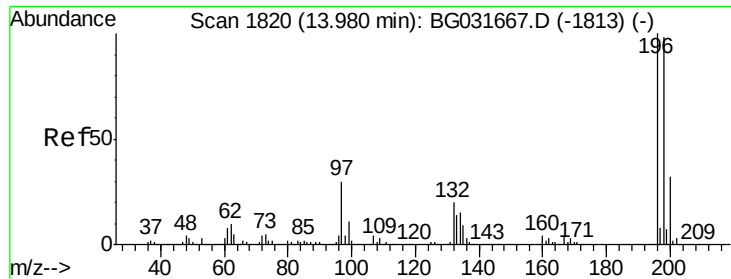
198 100.1 78.2 117.2

200 31.6 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

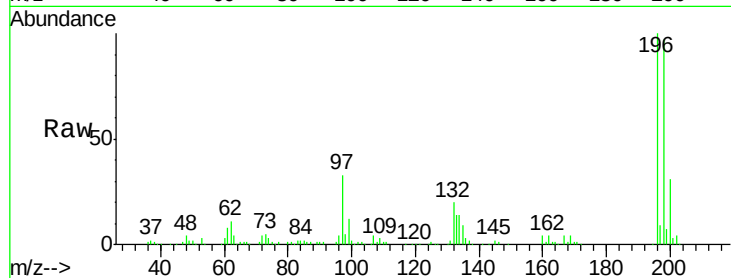




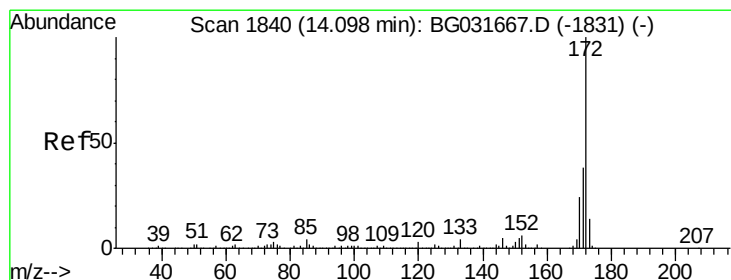
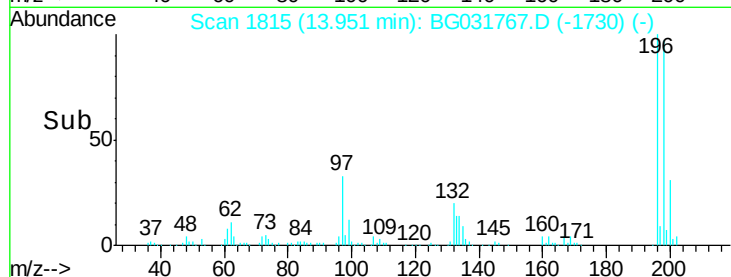
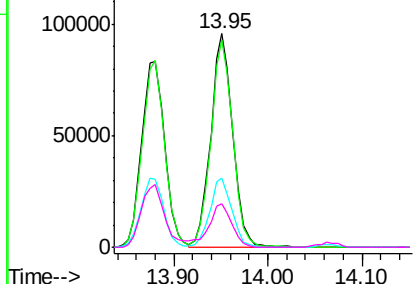
#43
 2,4,5-Trichlorophenol
 Concen: 44.43 ng
 RT: 13.95 min Scan# 1815
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

Tot Ion:196	Resp:	157309
Ion Ratio	Lower	Upper
196	100	
198	97.0	76.2 114.4
97	32.7	38.7 58.1#
132	20.2	20.2 30.2

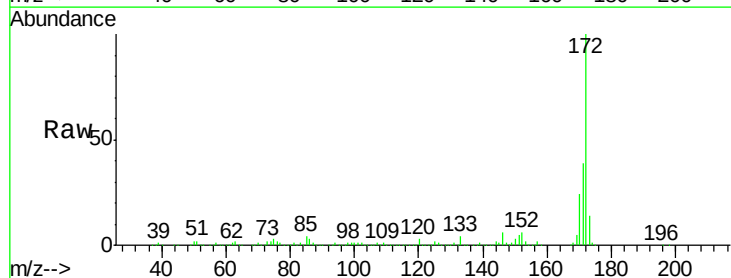


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

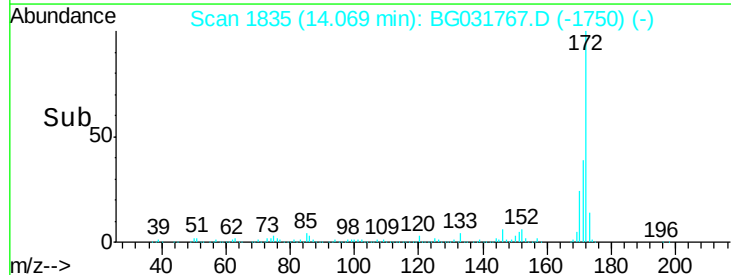
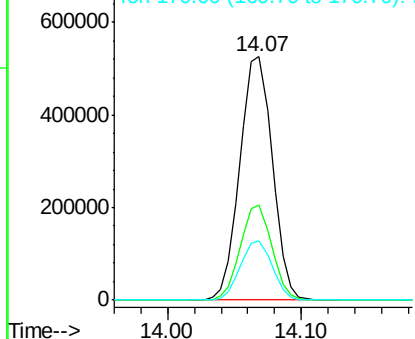


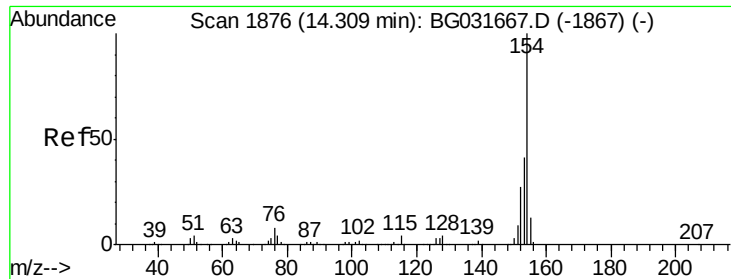
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 14.07 min Scan# 1835
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion:172	Resp:	888358
Ion Ratio	Lower	Upper
172	100	
171	39.3	30.0 45.0
170	24.2	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: 40.04 ng

RT: 14.27 min Scan# 1870

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

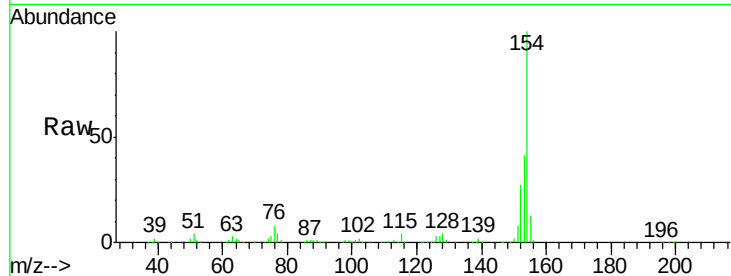
Tot Ion:154 Resp: 449807

Ion Ratio Lower Upper

154 100

153 41.3 19.8 59.8

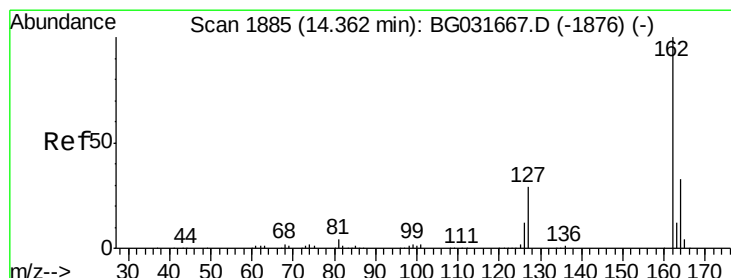
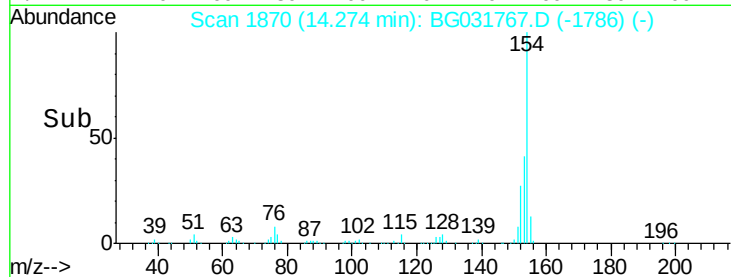
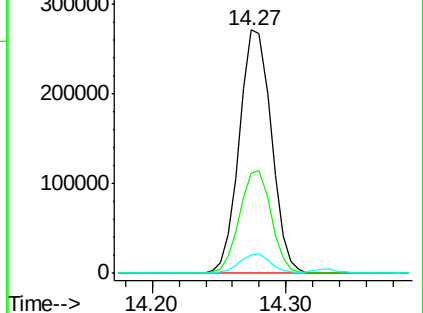
76 7.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 39.59 ng

RT: 14.33 min Scan# 1880

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

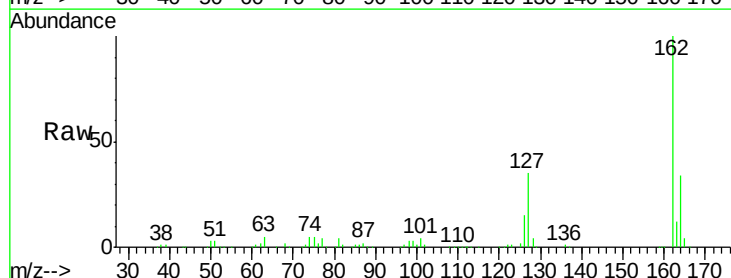
Tgt Ion:162 Resp: 339238

Ion Ratio Lower Upper

162 100

127 35.1 30.7 46.1

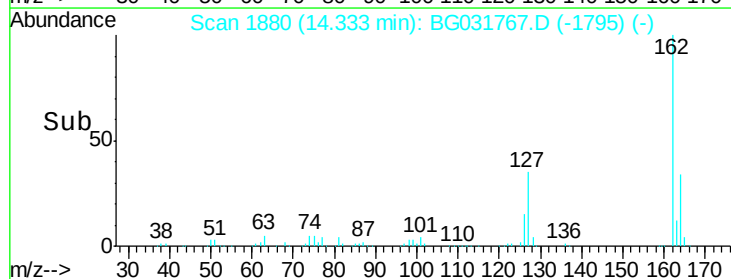
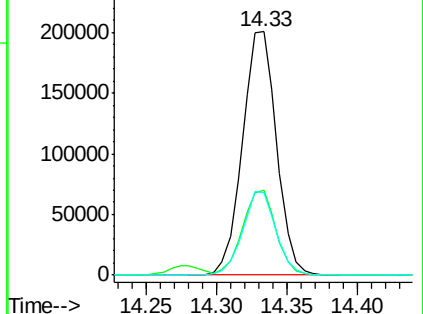
164 33.8 26.0 39.0

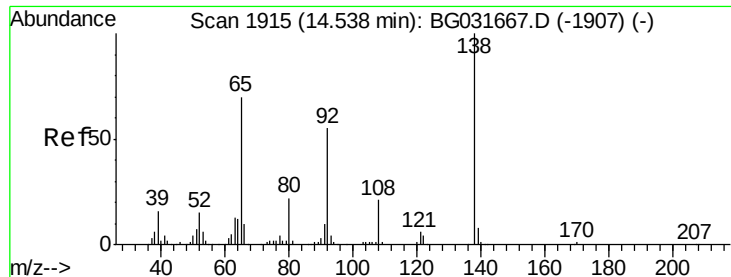


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 45.70 ng

RT: 14.52 min Scan# 1911

Delta R.T. -0.02 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

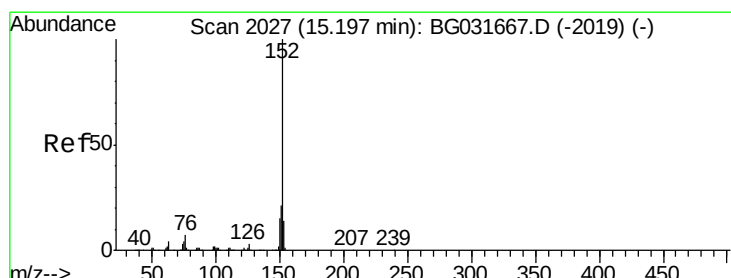
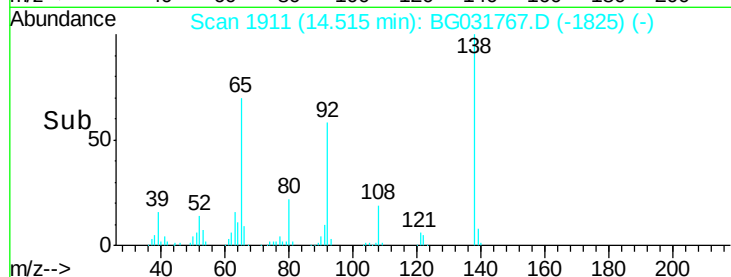
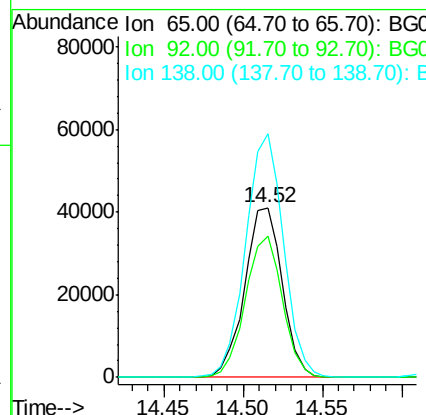
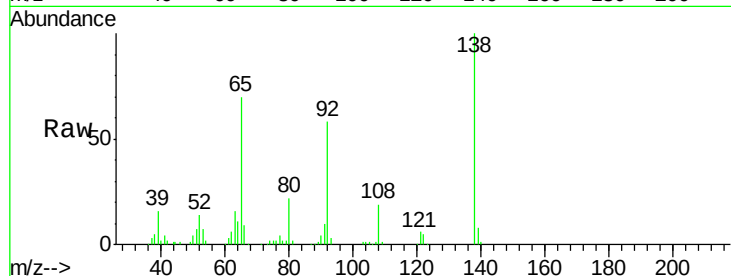
Tot Ion: 65 Resp: 67639

Ion Ratio Lower Upper

65 100

92 82.8 54.6 82.0#

138 143.3 72.9 109.3#



#48

Acenaphthylene

Concen: 38.02 ng

RT: 15.17 min Scan# 2022

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

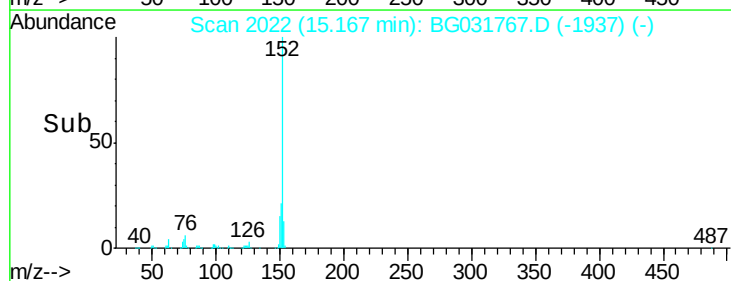
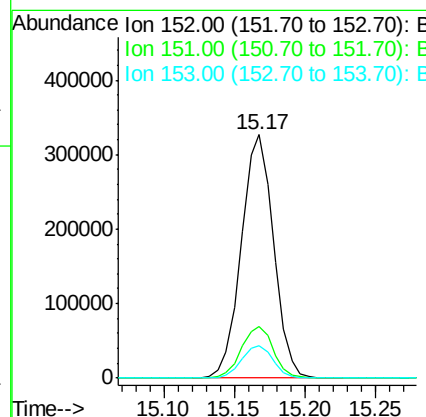
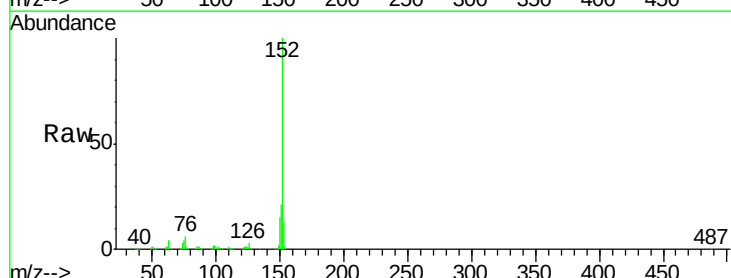
Tgt Ion: 152 Resp: 521270

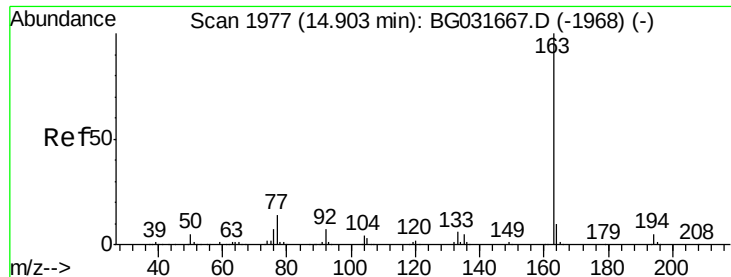
Ion Ratio Lower Upper

152 100

151 21.1 17.2 25.8

153 13.3 10.2 15.4





#49

Dimethylphthalate

Concen: 39.97 ng

RT: 14.87 min Scan# 1971

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

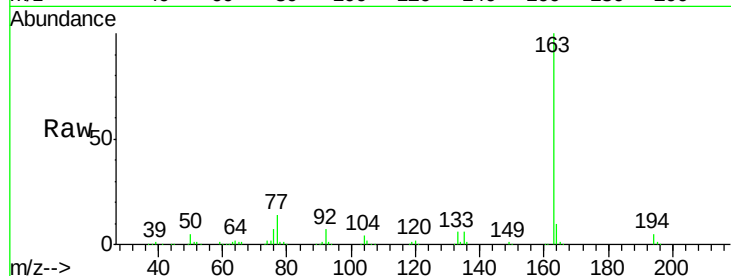
Tot Ion:163 Resp: 463158

Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.2

164 10.4 8.2 12.4

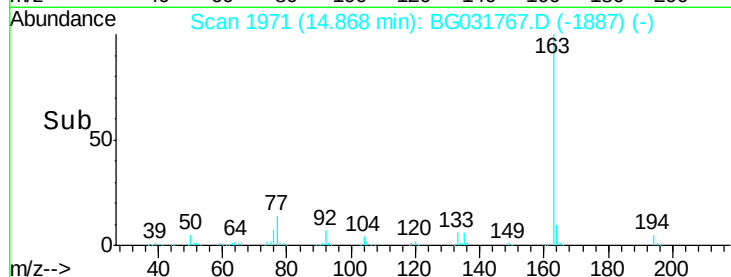


Abundance Ion 163.00 (162.70 to 163.70): E

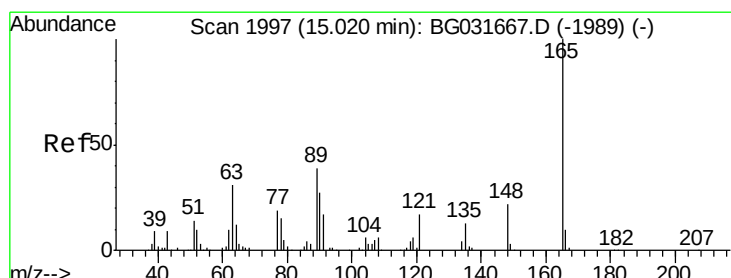
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#50

2,6-Dinitrotoluene

Concen: 46.11 ng

RT: 14.99 min Scan# 1992

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

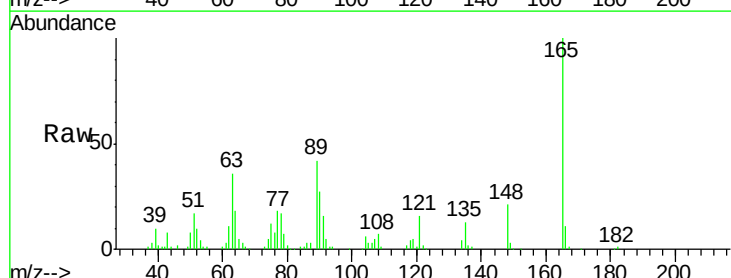
Tgt Ion:165 Resp: 98300

Ion Ratio Lower Upper

165 100

63 35.9 52.7 79.1#

89 41.5 49.2 73.8#

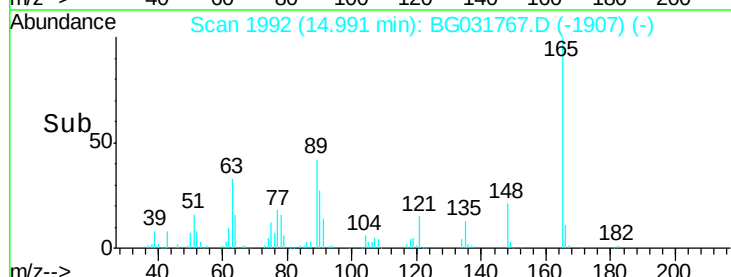


Abundance Ion 165.00 (164.70 to 165.70): E

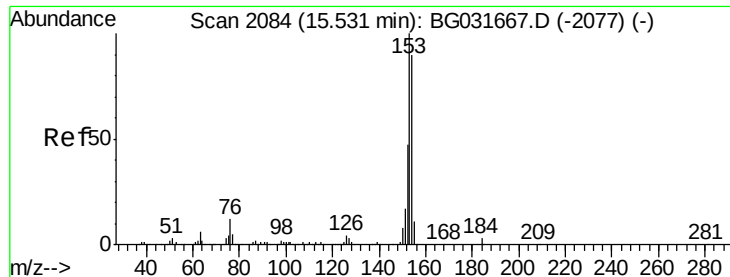
Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Time-->



Time-->



#51

Acenaphthene

Concen: 41.19 ng

RT: 15.50 min Scan# 2079

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

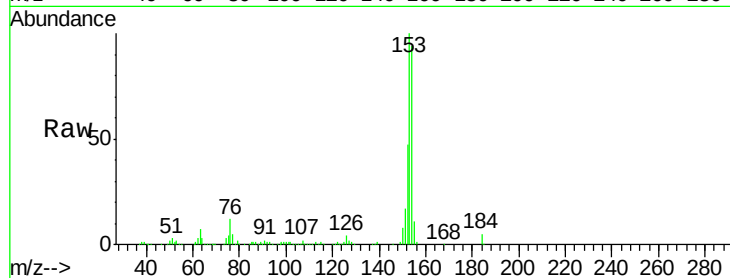
Tot Ion:154 Resp: 369874

Ion Ratio Lower Upper

154 100

153 106.6 90.4 135.6

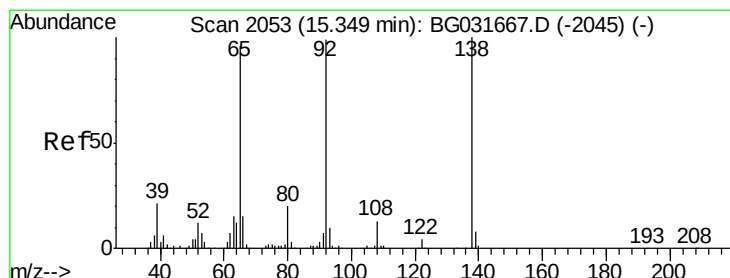
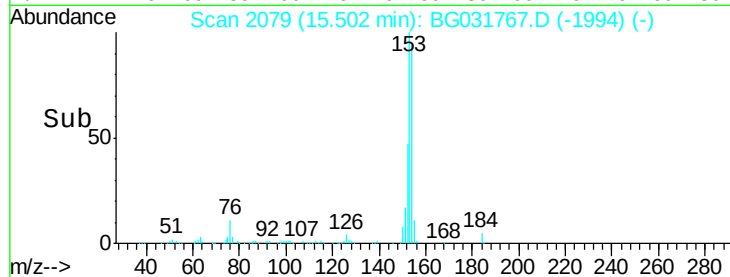
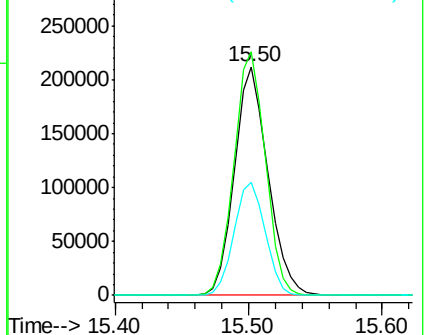
152 49.7 41.6 62.4



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: 18.60 ng

RT: 15.32 min Scan# 2048

Delta R.T. -0.03 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

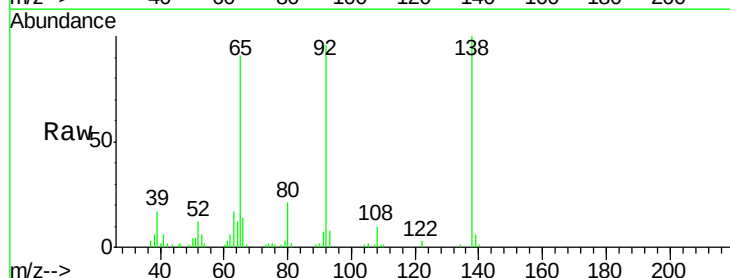
Tgt Ion:138 Resp: 38678

Ion Ratio Lower Upper

138 100

108 10.2 17.5 26.3#

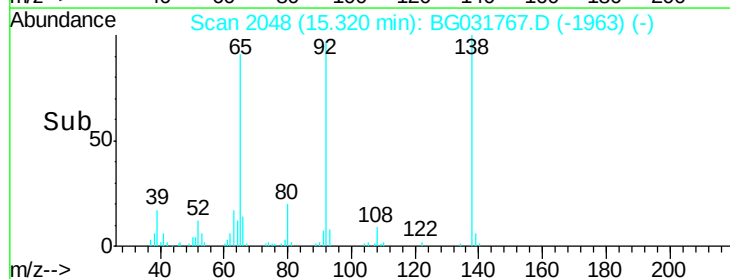
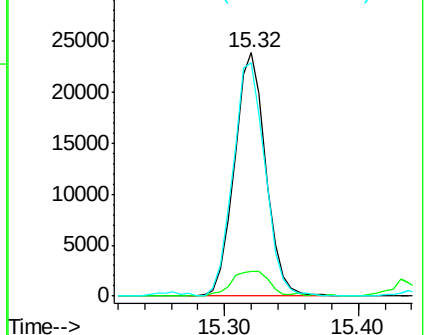
92 96.0 105.8 158.8#

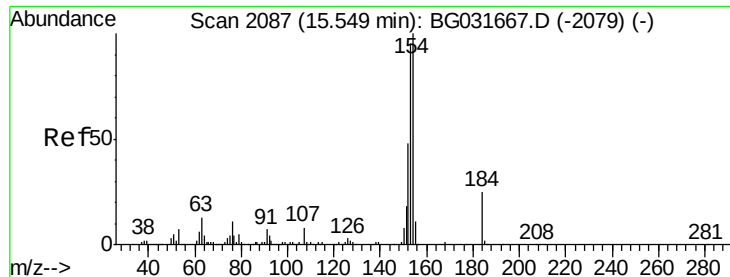


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

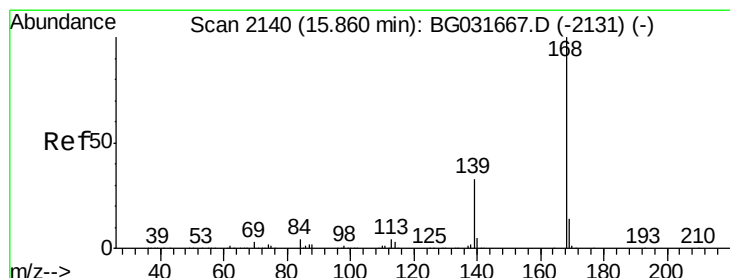
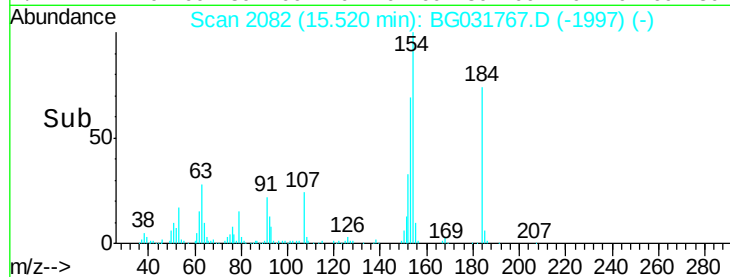
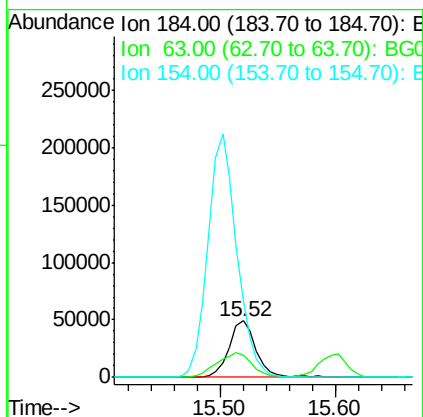
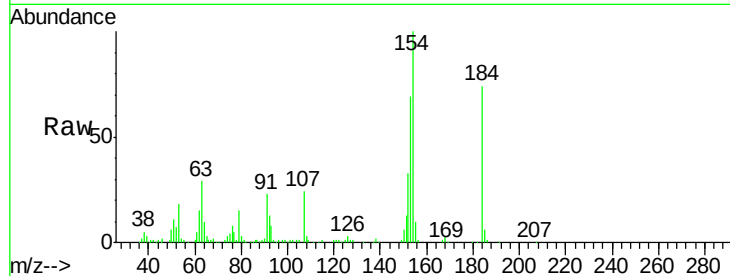




#53
2,4-Dinitrophenol
Concen: 87.81 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

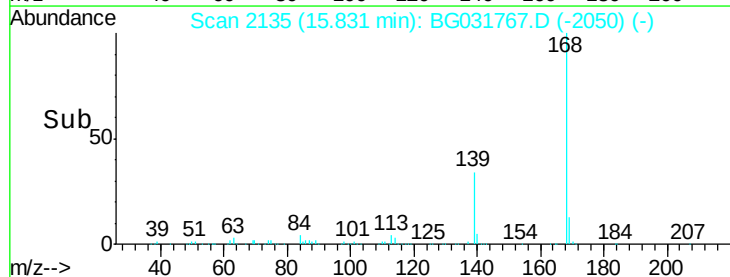
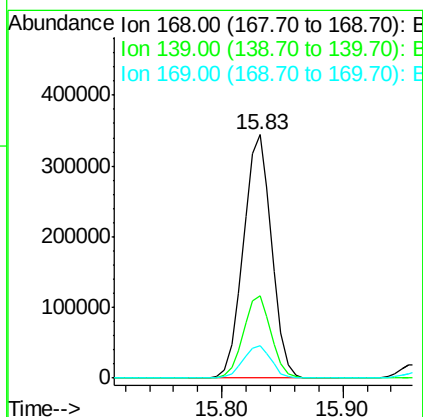
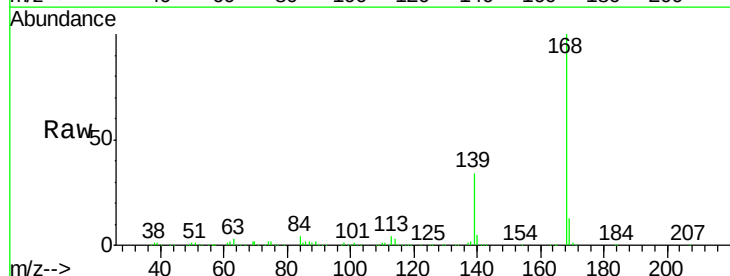
Instrument :
BNA_G
ClientSampleId :
PB105319BS

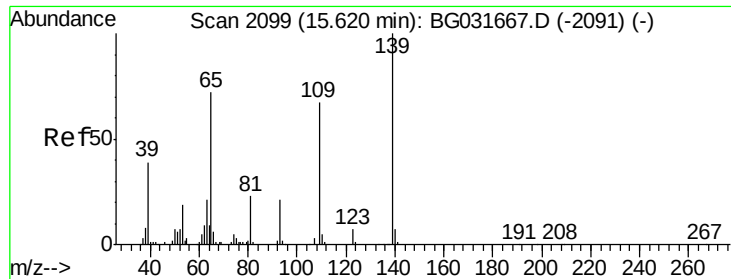
Tot Ion:184 Resp: 80274
Ion Ratio Lower Upper
184 100
63 38.8 59.8 89.8#
154 135.3 101.8 152.8



#54
Dibenzofuran
Concen: 40.58 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:168 Resp: 558503
Ion Ratio Lower Upper
168 100
139 33.7 28.6 43.0
169 13.4 11.2 16.8

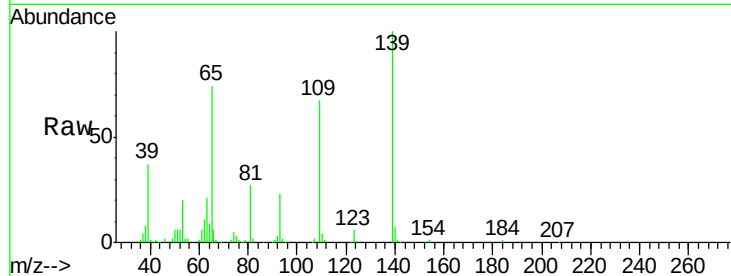




#55
4-Nitrophenol
Concen: 93.99 ng
RT: 15.60 min Scan# 2095
Delta R.T. -0.02 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	67.2	62.2	102.2
65	73.7	97.2	137.2#

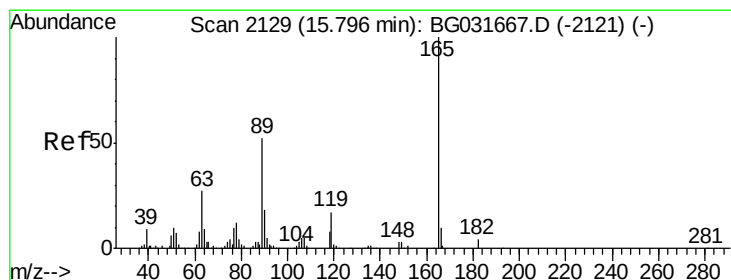
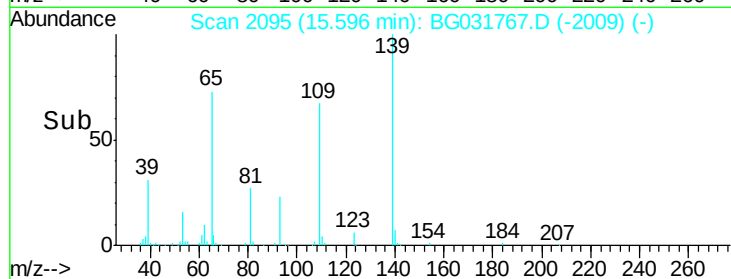
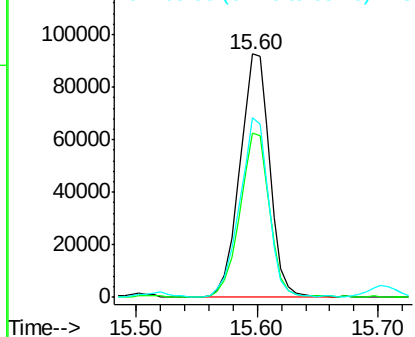


Abundance

Ion 139.00 (138.70 to 139.70): E

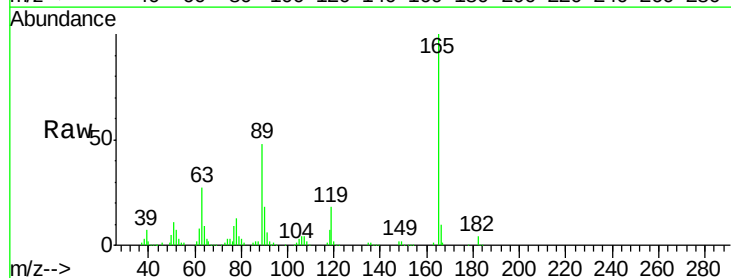
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 50.82 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	27.4	42.0	63.0#
89	48.2	66.9	100.3#
182	3.8	2.6	3.8



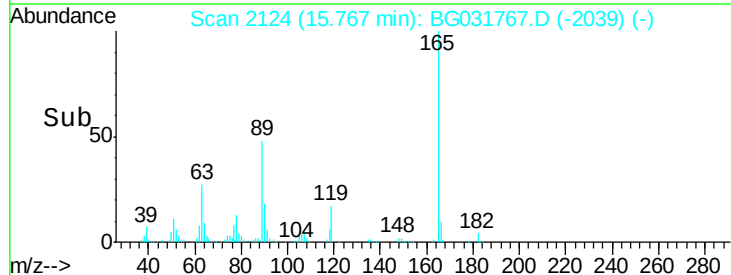
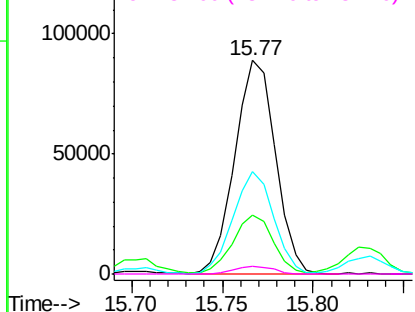
Abundance

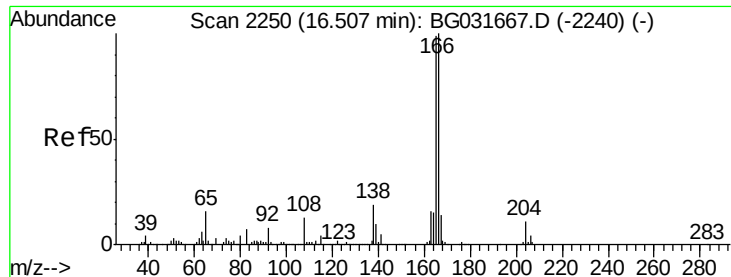
Ion 165.00 (164.70 to 165.70): E

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

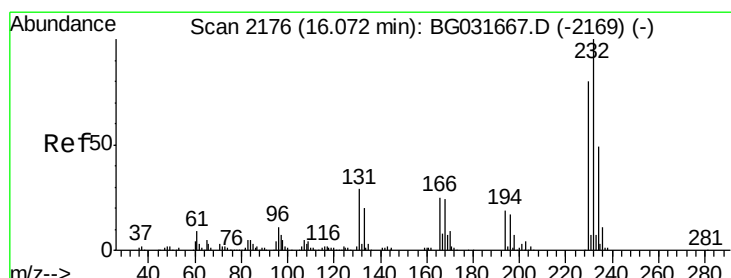
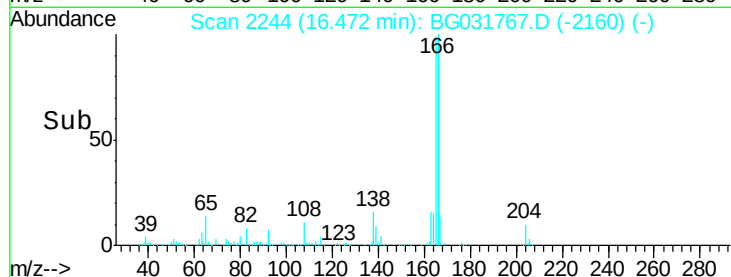
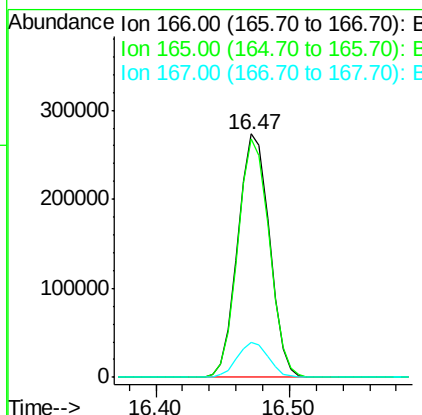
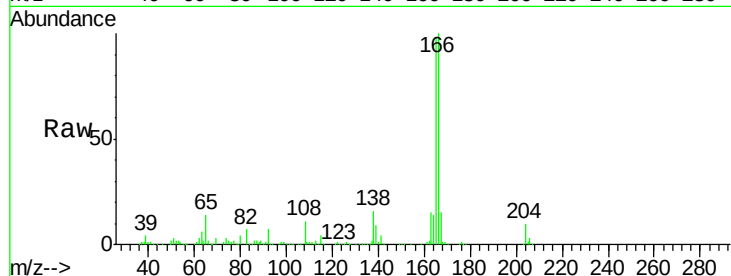




#57
 Fluorene
 Concen: 40.02 ng
 RT: 16.47 min Scan# 2244
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

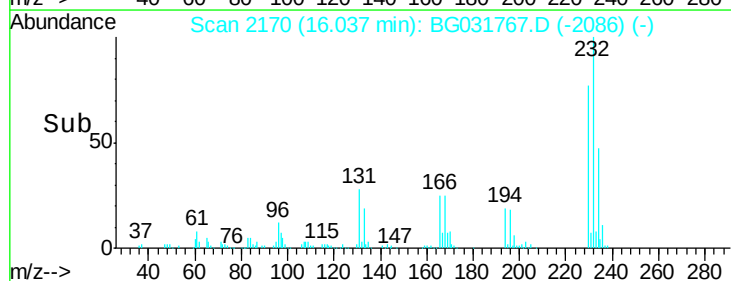
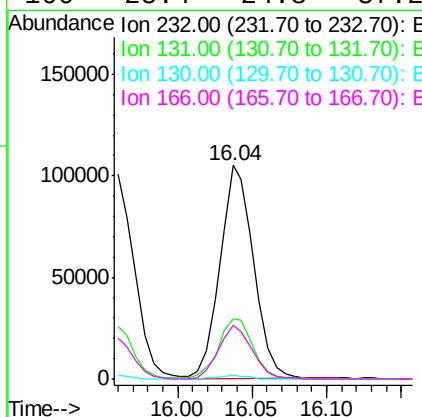
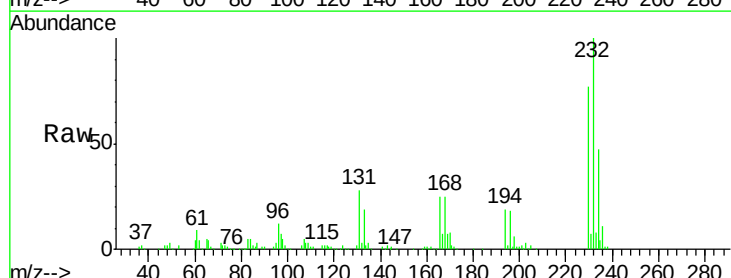
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

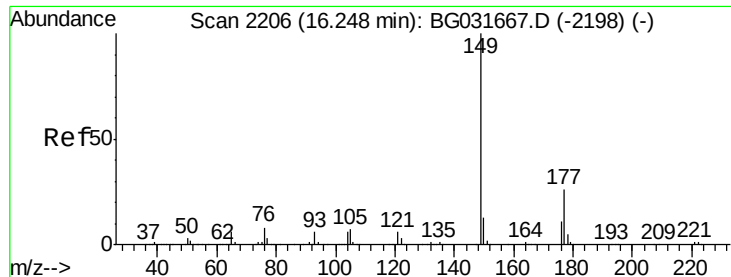
Tot Ion:166 Resp: 447431
 Ion Ratio Lower Upper
 166 100
 165 97.9 80.6 121.0
 167 14.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.66 ng
 RT: 16.04 min Scan# 2170
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion:232 Resp: 164604
 Ion Ratio Lower Upper
 232 100
 131 29.4 33.5 50.3#
 130 1.5 2.2 3.2#
 166 25.4 24.8 37.2

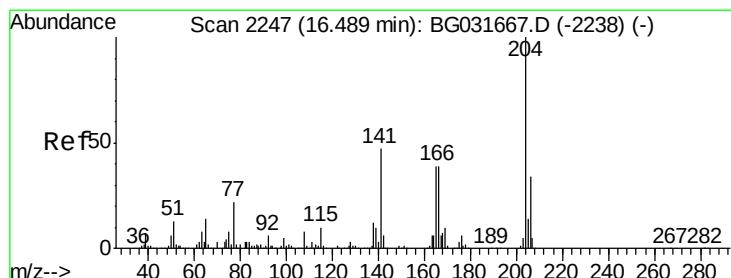
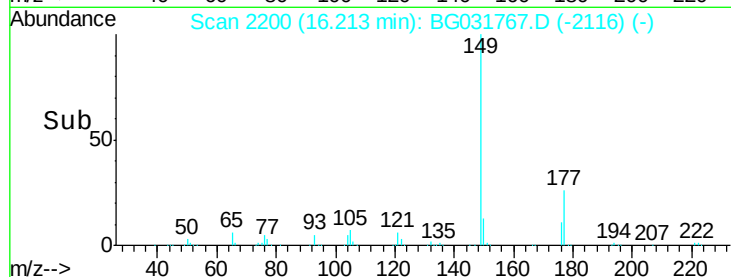
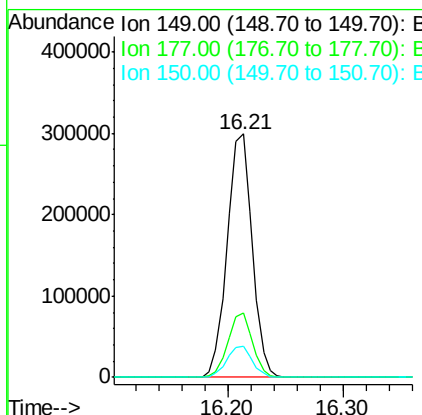
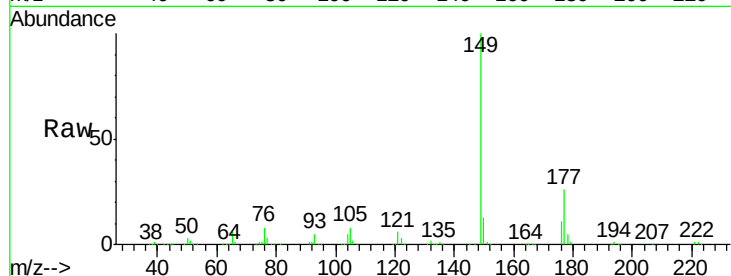




#59
Diethylphthalate
Concen: 39.72 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

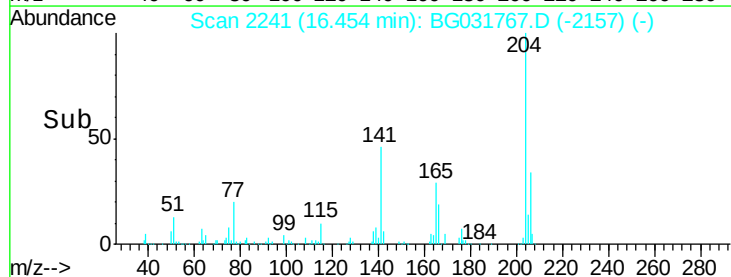
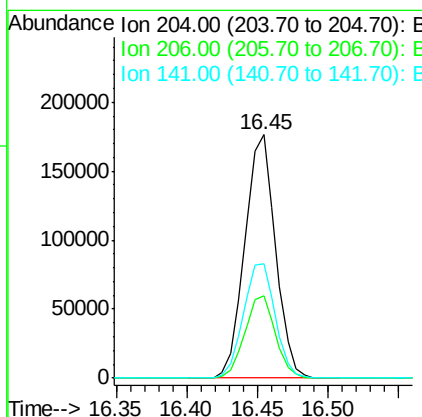
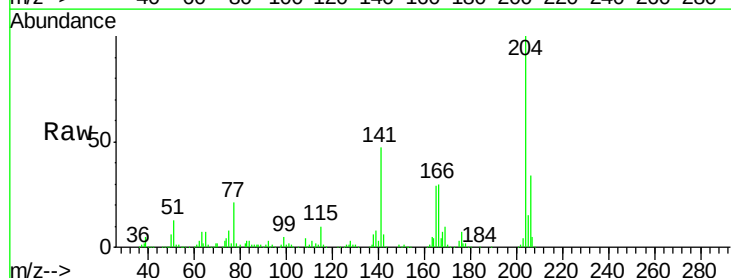
Instrument :
BNA_G
ClientSampleId :
PB105319BS

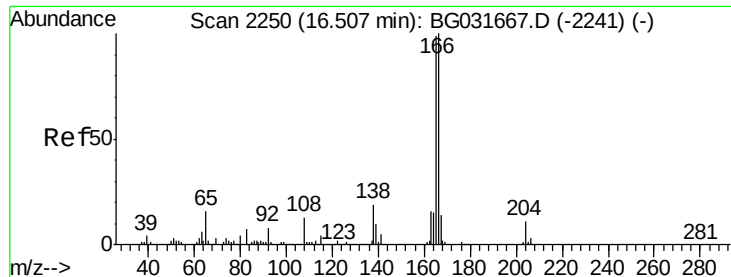
Tot Ion:149 Resp: 448601
Ion Ratio Lower Upper
149 100
177 26.4 18.5 27.7
150 12.7 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.17 ng
RT: 16.45 min Scan# 2241
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:204 Resp: 267950
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 46.8 45.8 68.6

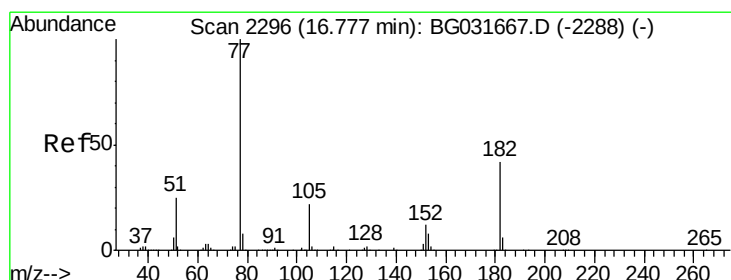
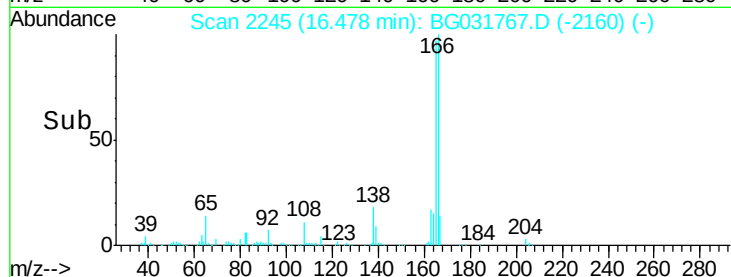
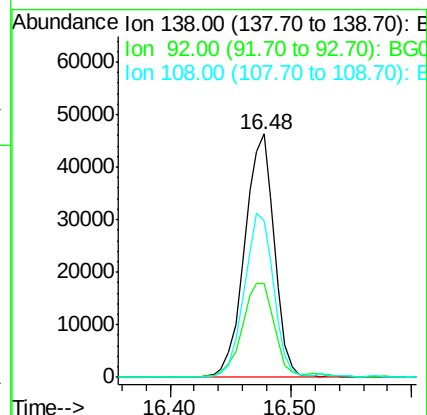
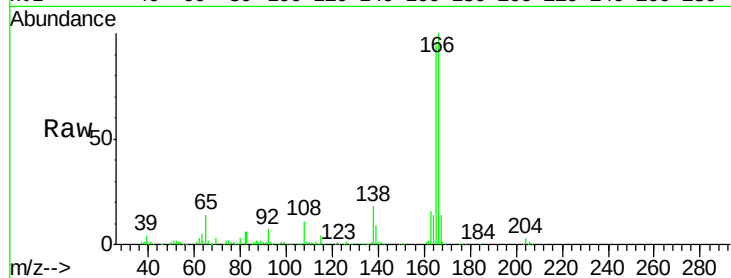




#61
4-Nitroaniline
Concen: 38.95 ng
RT: 16.48 min Scan# 2245
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

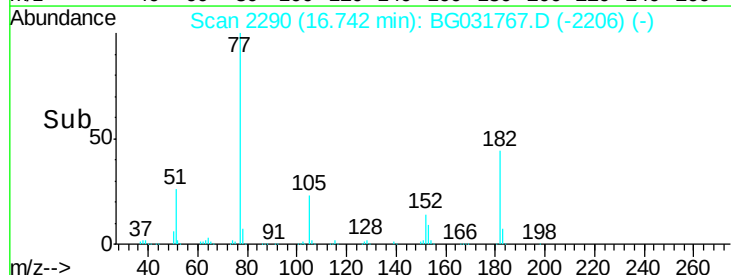
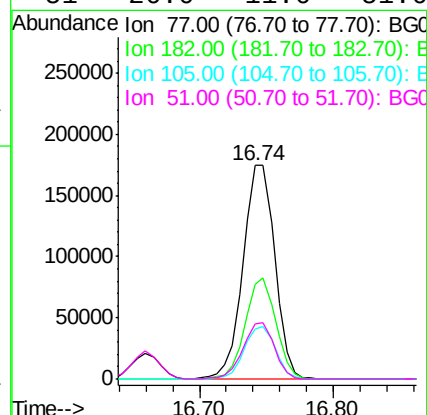
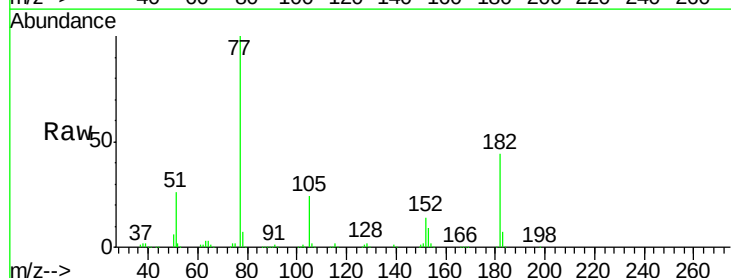
Instrument :
BNA_G
ClientSampleId :
PB105319BS

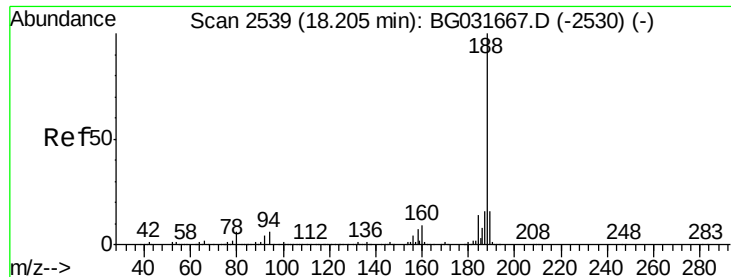
Tot Ion:138 Resp: 79060
Ion Ratio Lower Upper
138 100
92 38.7 40.1 80.1#
108 64.1 65.4 105.4#



#62
Azobenzene
Concen: 39.68 ng
RT: 16.74 min Scan# 2290
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion: 77 Resp: 287395
Ion Ratio Lower Upper
77 100
182 44.3 7.4 47.4
105 23.5 0.3 40.3
51 26.0 11.6 51.6

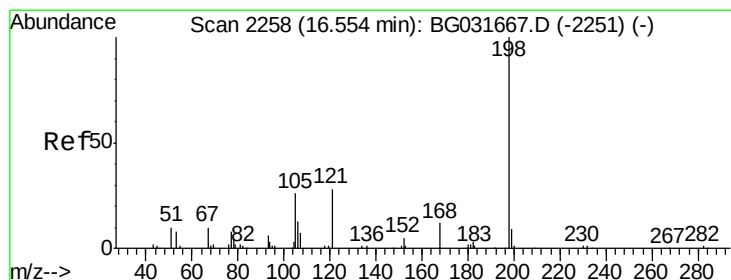
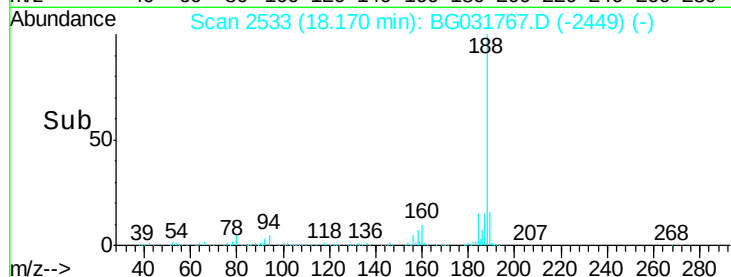
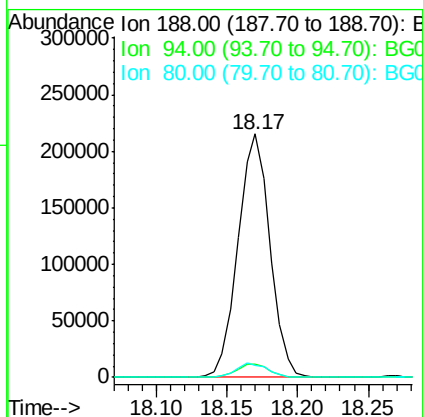
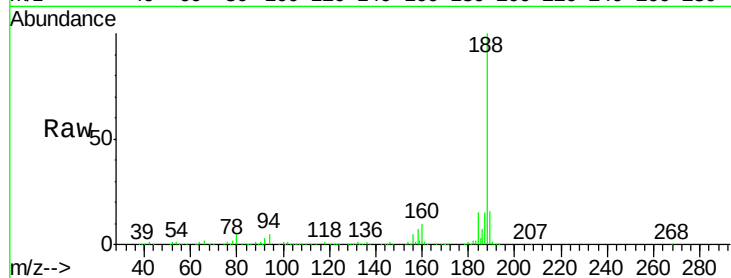




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

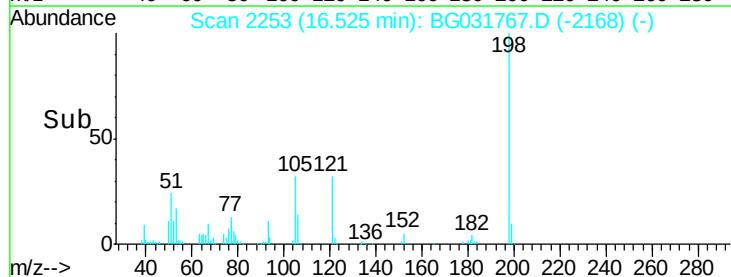
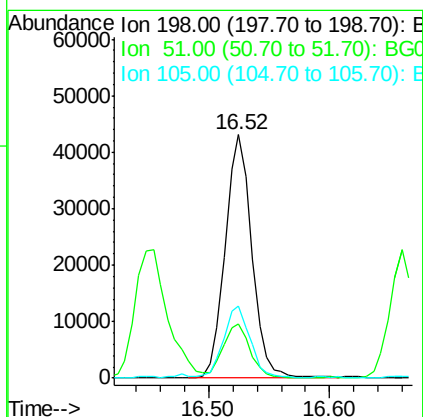
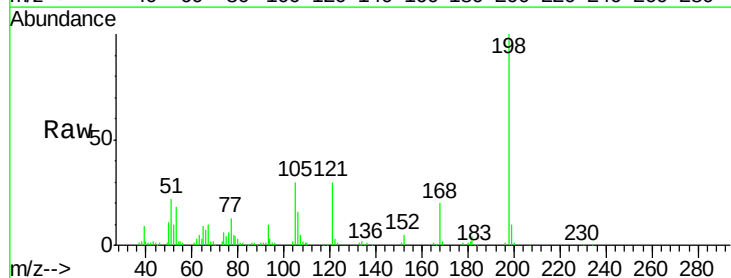
Instrument :
BNA_G
ClientSampleId :
PB105319BS

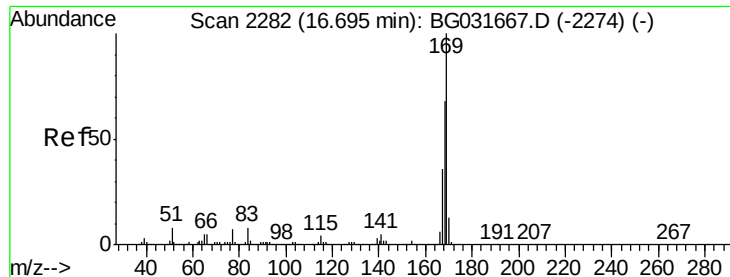
Tot Ion:188 Resp: 339718
Ion Ratio Lower Upper
188 100
94 5.5 6.9 10.3#
80 5.1 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.53 ng
RT: 16.52 min Scan# 2253
Delta R.T. -0.03 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:198 Resp: 66395
Ion Ratio Lower Upper
198 100
51 22.4 30.6 70.6#
105 29.7 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 37.20 ng

RT: 16.66 min Scan# 2276

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

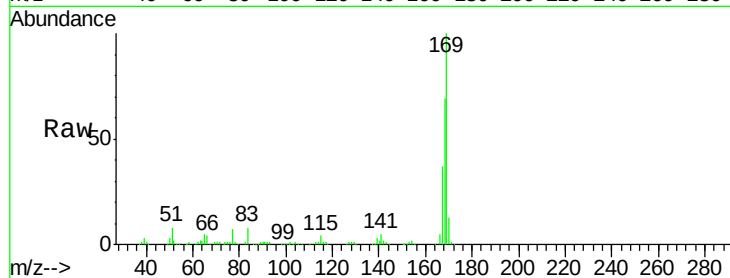
Tot Ion:169 Resp: 419697

Ion Ratio Lower Upper

169 100

168 68.5 55.7 83.5

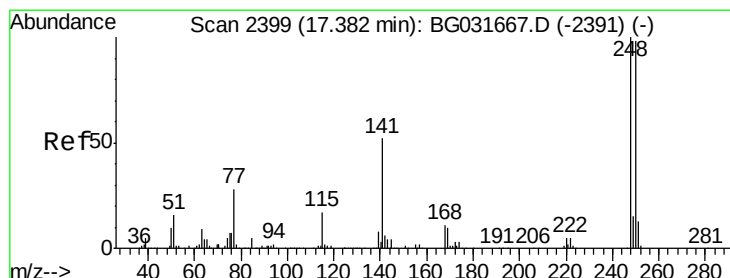
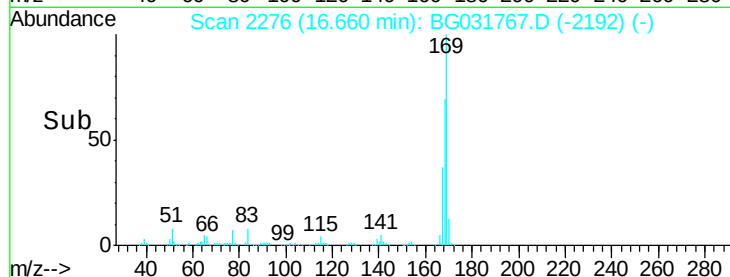
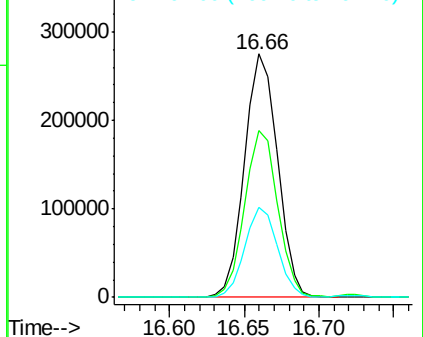
167 37.2 30.1 45.1



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: 40.67 ng

RT: 17.35 min Scan# 2393

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

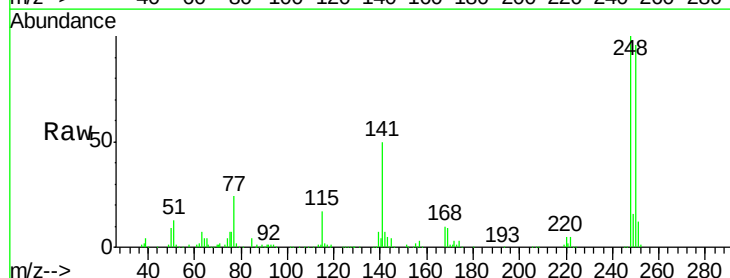
Tgt Ion:248 Resp: 199775

Ion Ratio Lower Upper

248 100

250 95.9 77.1 115.7

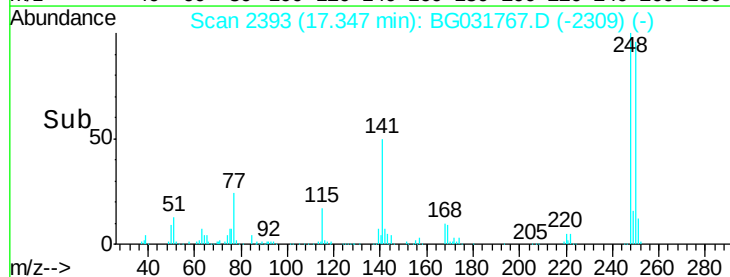
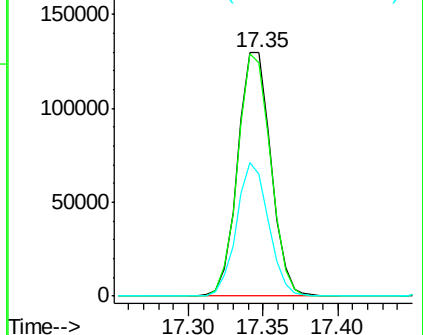
141 50.4 50.8 76.2#

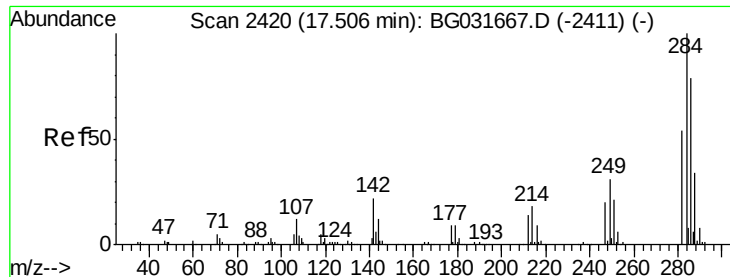


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

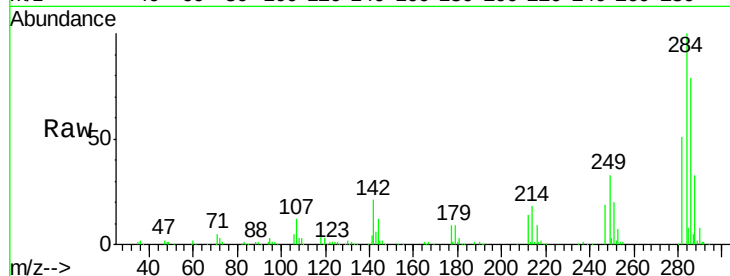




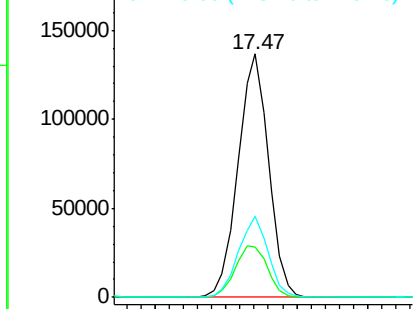
#67
Hexachlorobenzene
Concen: 41.08 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

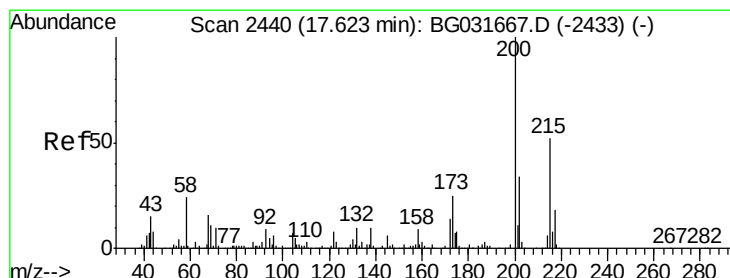
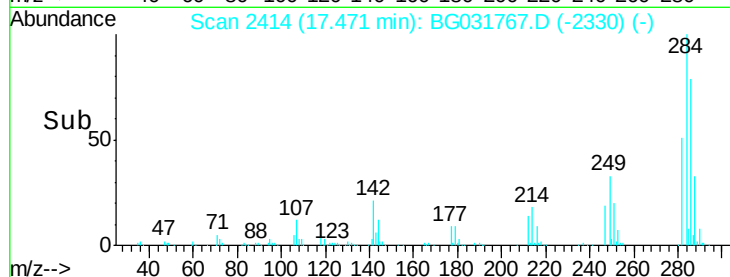
Tot Ion:284 Resp: 206294
Ion Ratio Lower Upper
284 100
142 20.6 26.8 40.2#
249 33.1 26.3 39.5



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

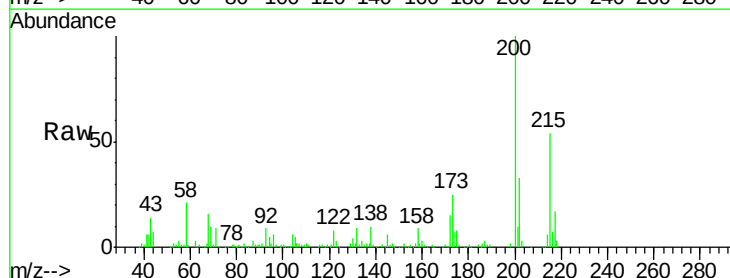


Time-->

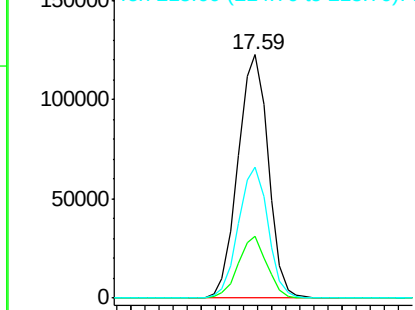


#68
Atrazine
Concen: 41.82 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

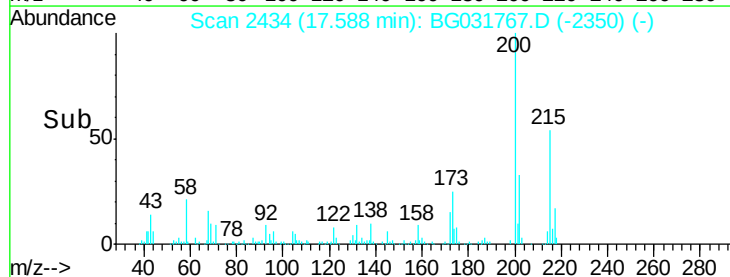
Tgt Ion:200 Resp: 183485
Ion Ratio Lower Upper
200 100
173 25.5 5.2 45.2
215 53.8 30.4 70.4

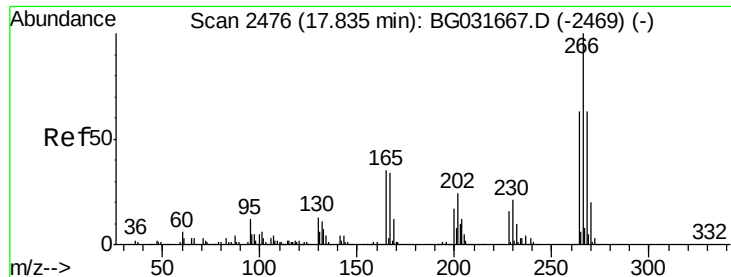


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->

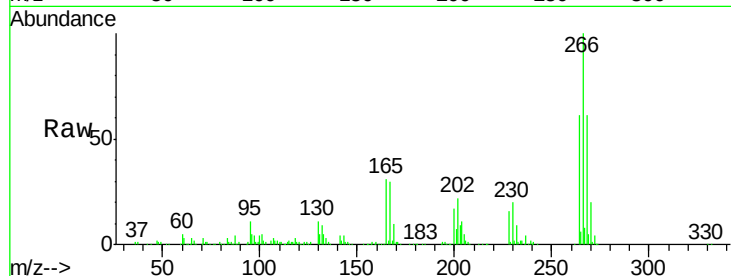




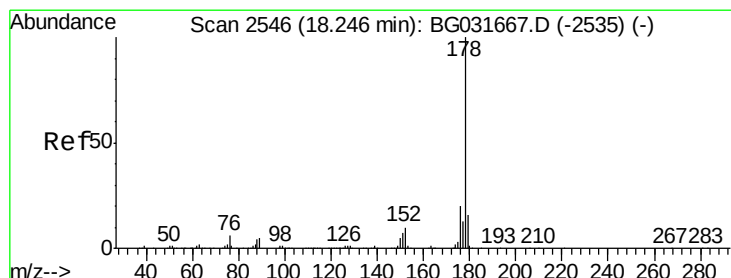
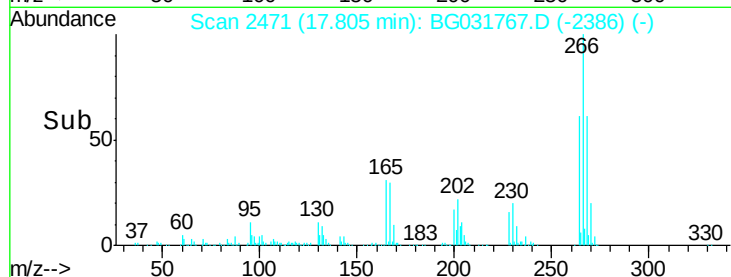
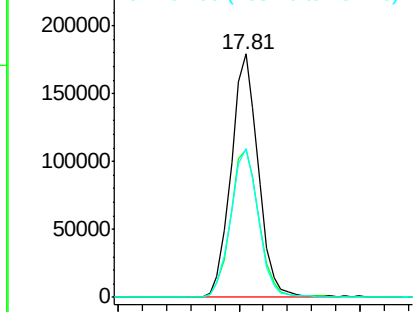
#69
 Pentachlorophenol
 Concen: 81.51 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.03 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.1	76.7
264	61.0	49.6	74.4

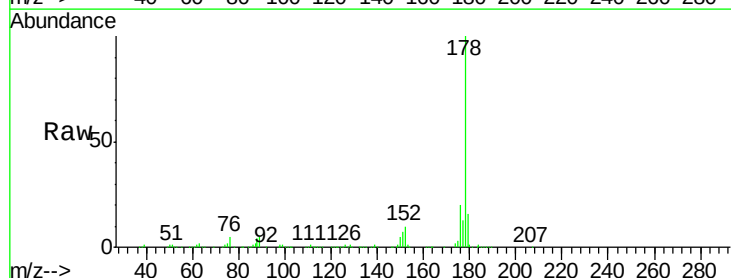


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

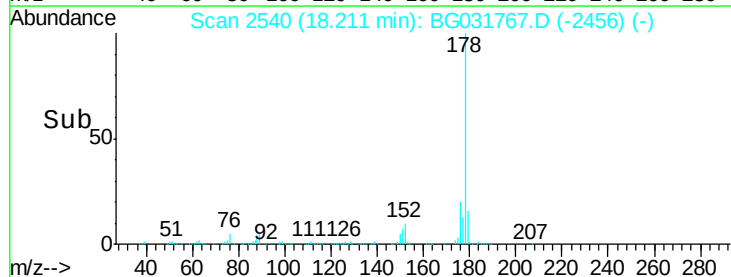
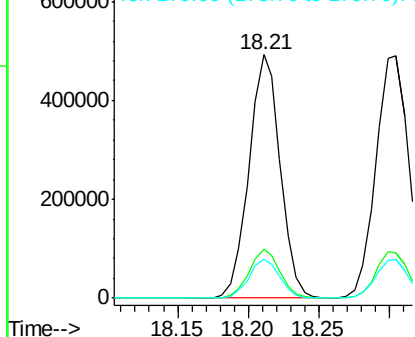


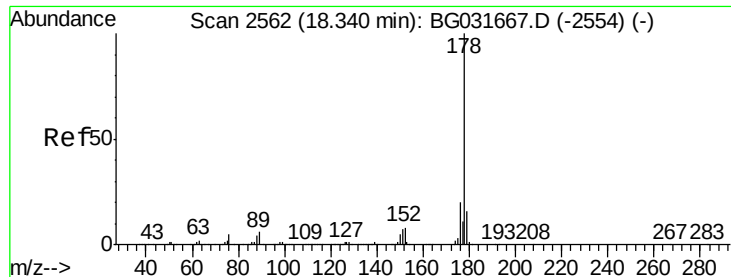
#70
 Phenanthrene
 Concen: 39.77 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.0	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

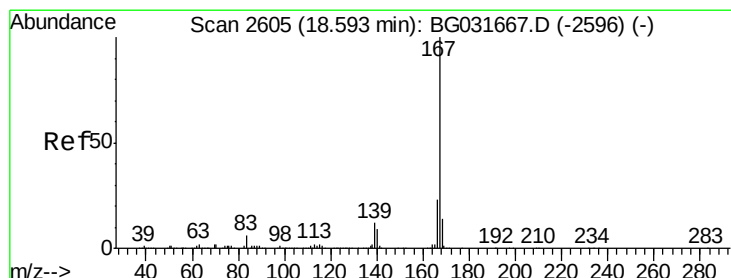
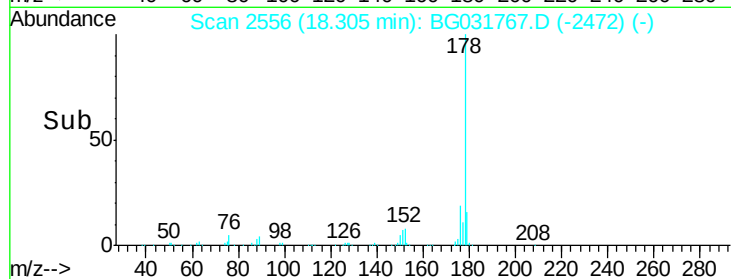
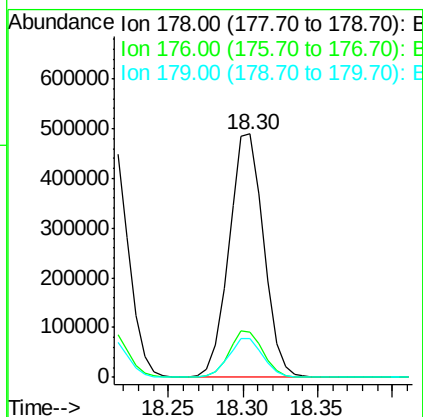
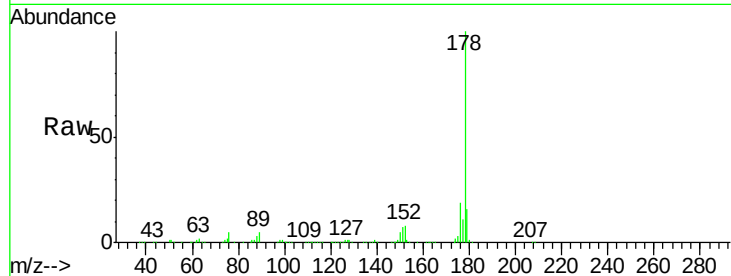




#71
 Anthracene
 Concen: 40.72 ng
 RT: 18.30 min Scan# 2556
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

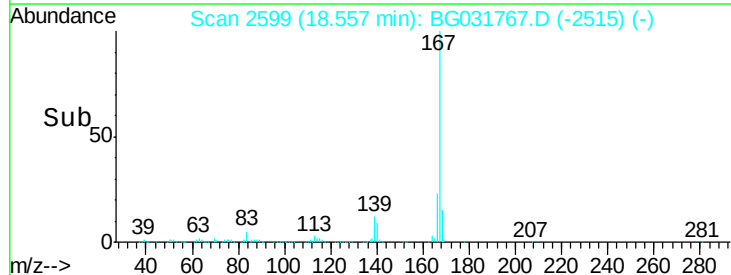
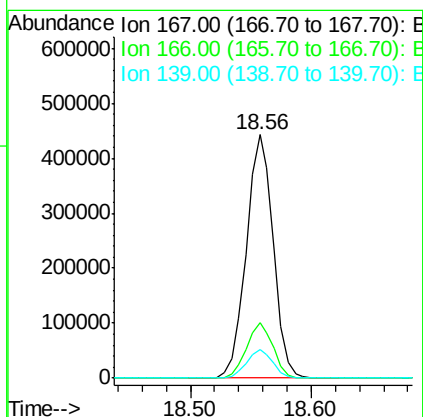
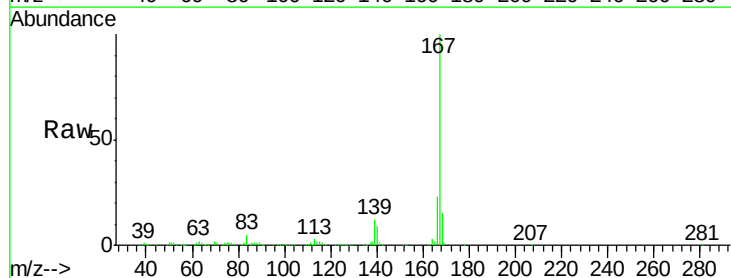
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

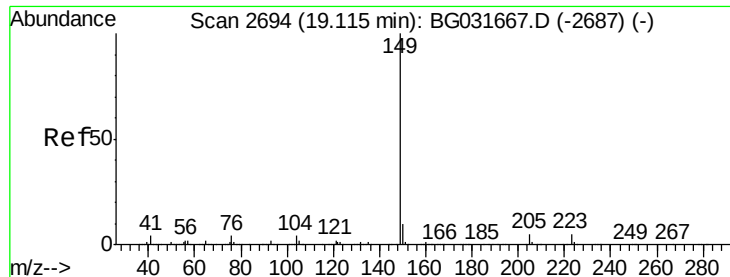
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.0	24.0
179	16.1	12.5	18.7



#72
 Carbazole
 Concen: 39.91 ng
 RT: 18.56 min Scan# 2599
 Delta R.T. -0.04 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.2	27.4
139	11.7	9.4	14.2

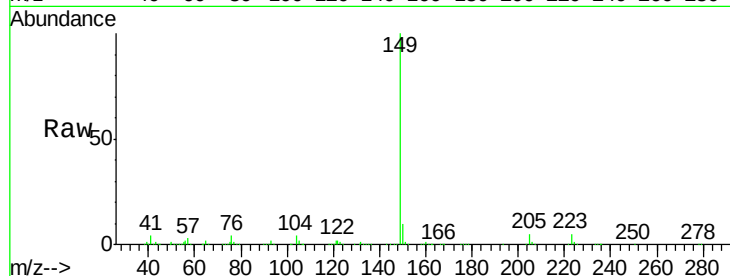




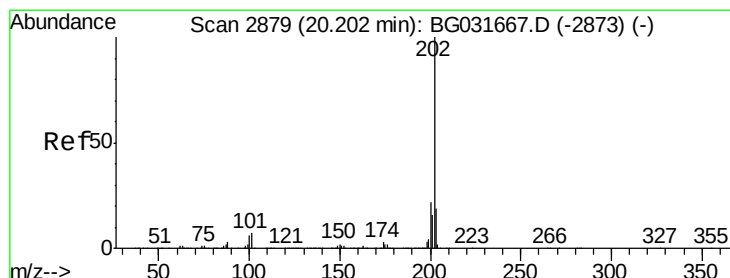
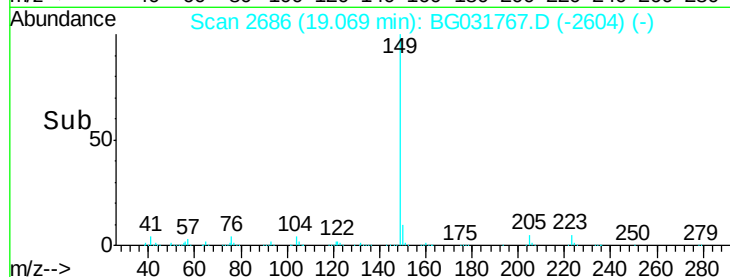
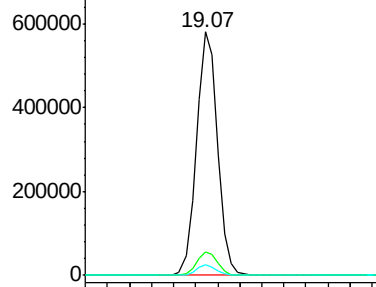
#73
Di-n-butylphthalate
Concen: 40.36 ng
RT: 19.07 min Scan# 2686
Delta R.T. -0.05 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Instrument :
BNA_G
ClientSampleId :
PB105319BS

Tot Ion:149 Resp: 769936
Ion Ratio Lower Upper
149 100
150 9.8 7.8 11.6
104 4.5 3.9 5.9

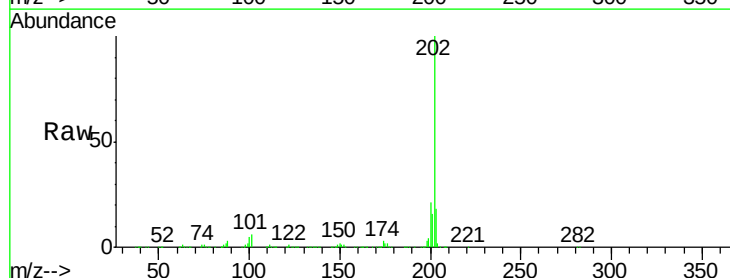


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

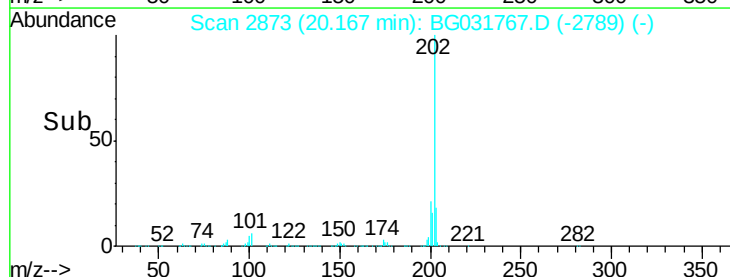
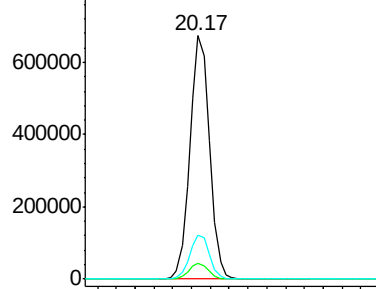


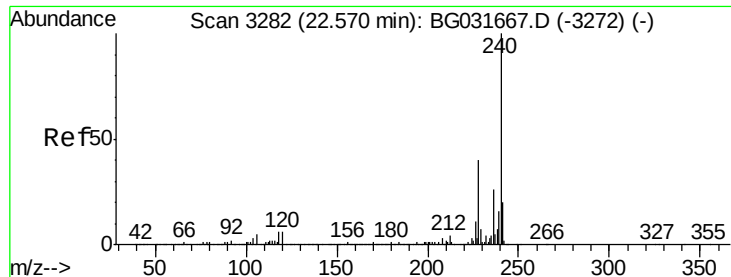
#74
Fluoranthene
Concen: 41.48 ng
RT: 20.17 min Scan# 2873
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:202 Resp: 978474
Ion Ratio Lower Upper
202 100
101 6.3 0.0 28.9
203 18.2 0.0 37.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

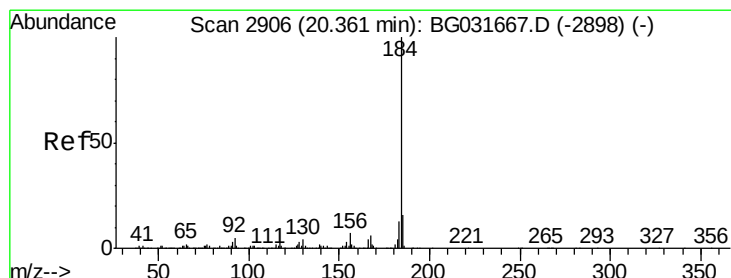
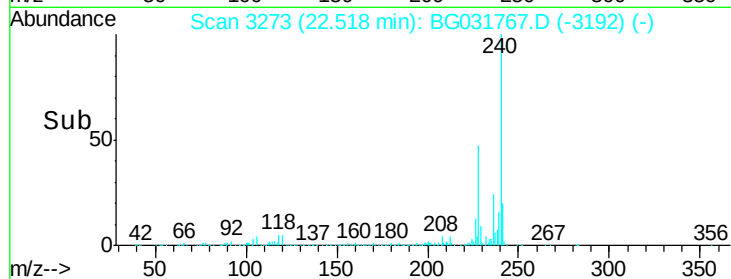
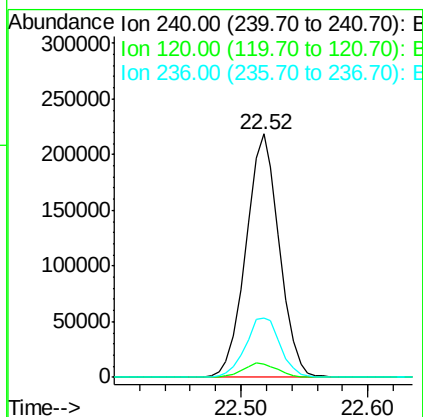
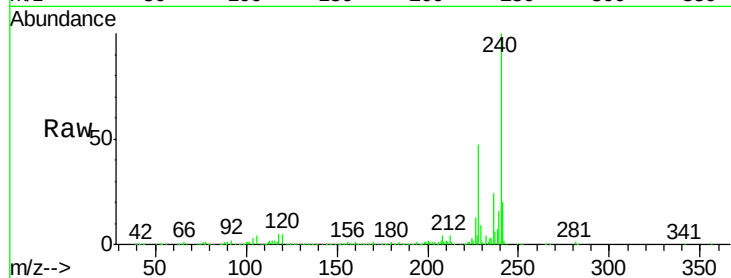




#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.05 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

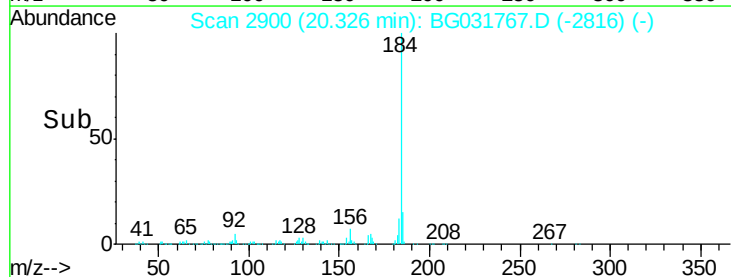
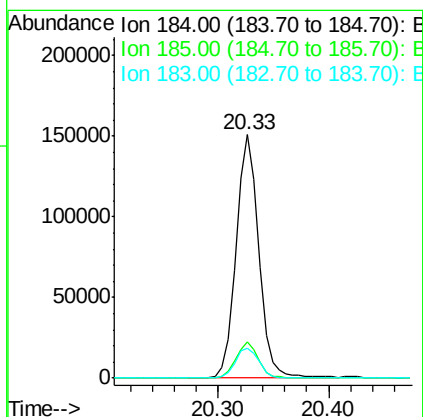
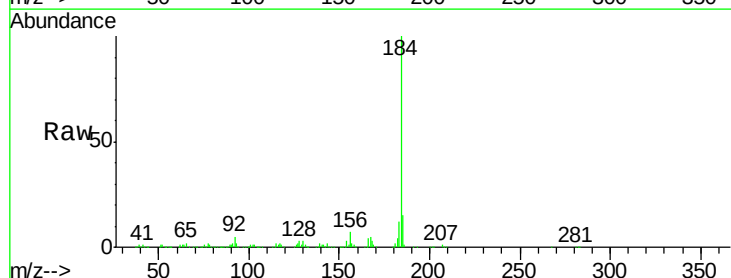
Instrument :
BNA_G
ClientSampleId :
PB105319BS

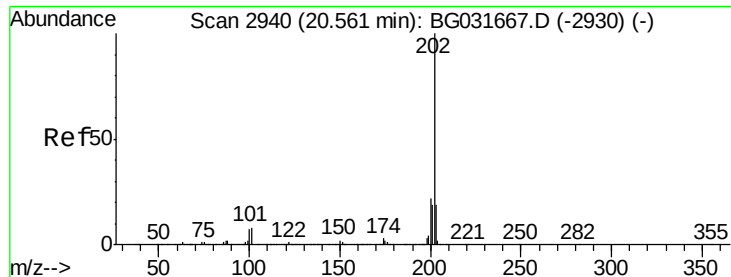
Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	6.8	10.2#
236	24.4	20.9	31.3



#76
Benzidine
Concen: 17.74 ng
RT: 20.33 min Scan# 2900
Delta R.T. -0.04 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.1	16.7
183	12.4	10.6	16.0





#77

Pvrene

Concen: 39.22 ng

RT: 20.53 min Scan# 2934

Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

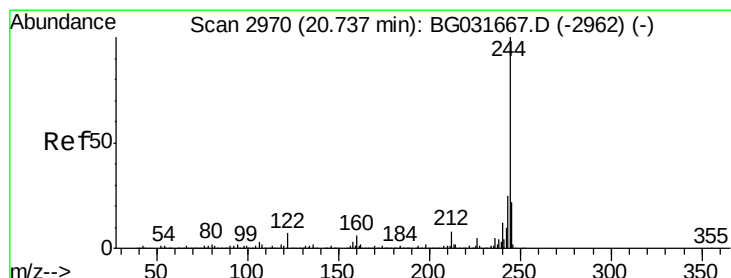
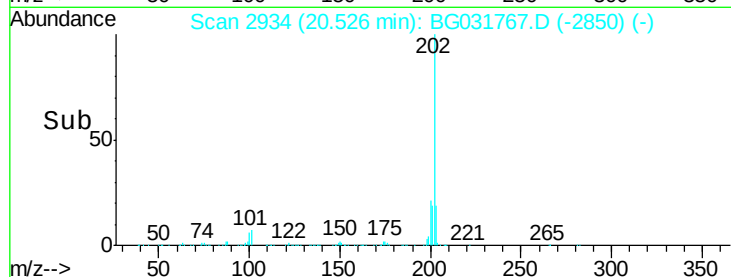
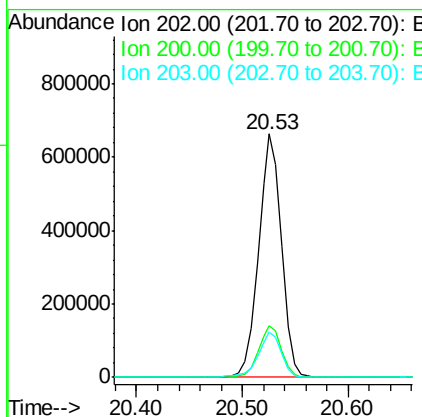
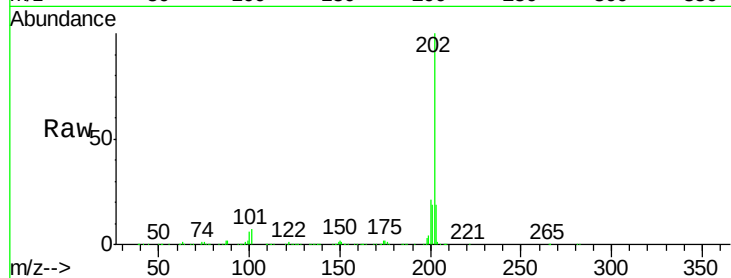
Instrument :

BNA_G

ClientSampleId :

PB105319BS

Tot Ion:	202	Resp:	998301
Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.7	13.9	20.9



#78

Terphenyl-d14

Concen: 94.93 ng

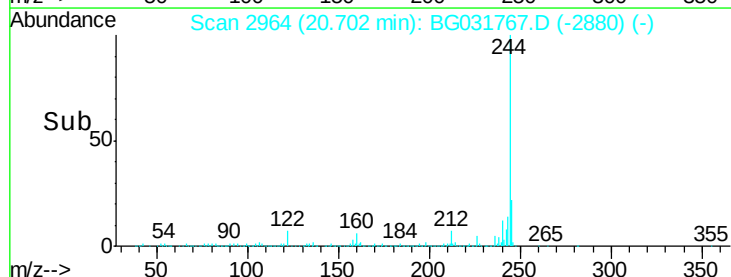
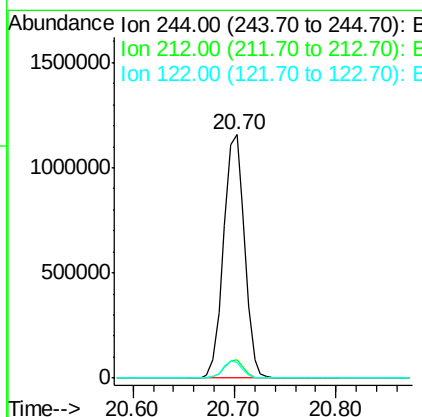
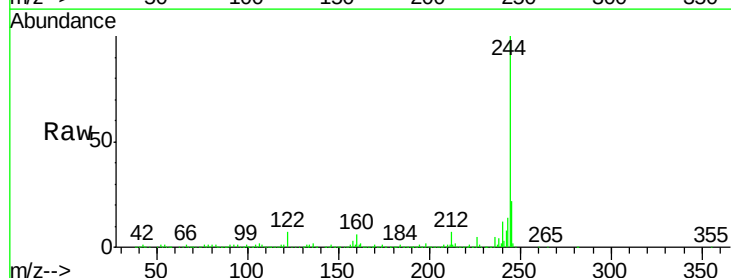
RT: 20.70 min Scan# 2964

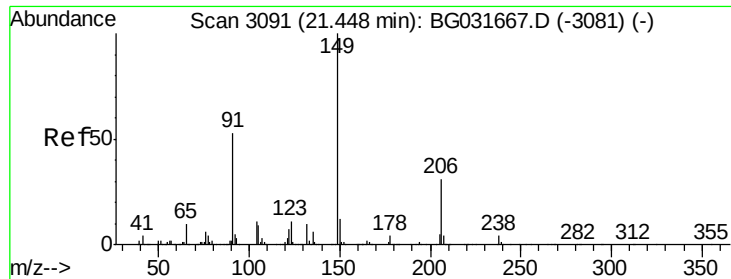
Delta R.T. -0.04 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Tgt Ion:	244	Resp:	1655558
Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	6.6	7.0	10.4#

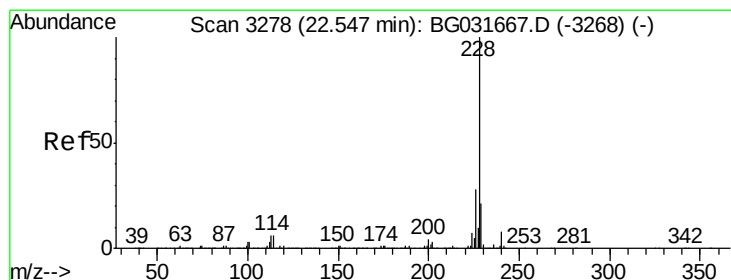
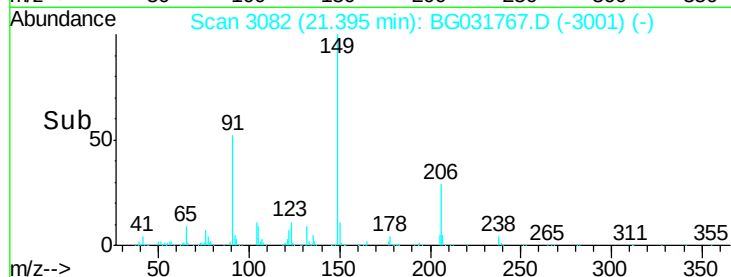
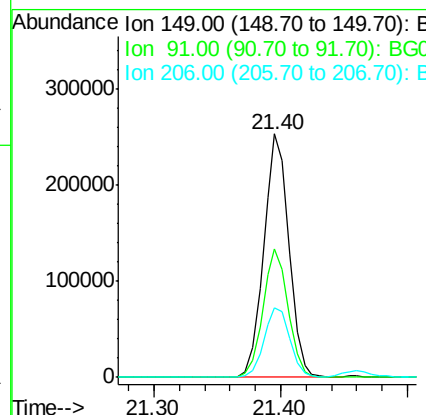
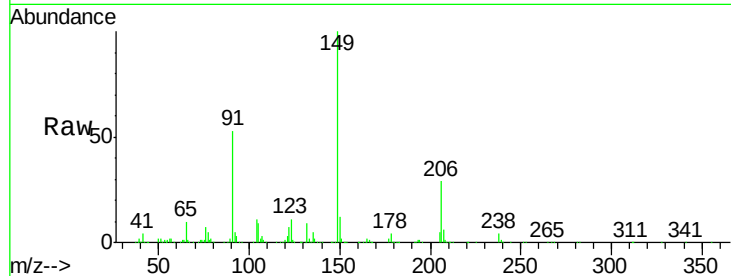




#79
Butylbenzylphthalate
Concen: 40.98 ng
RT: 21.40 min Scan# 3082
Delta R.T. -0.05 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

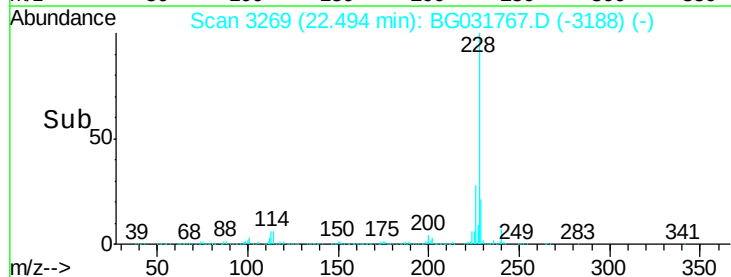
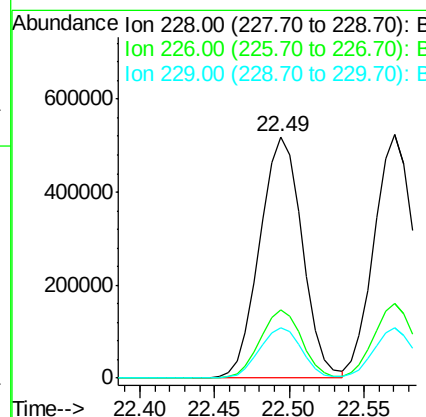
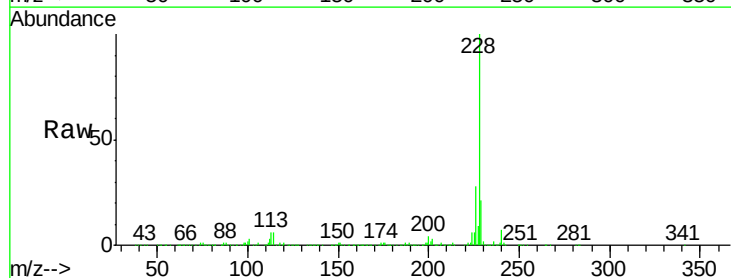
Instrument :
BNA_G
ClientSampleId :
PB105319BS

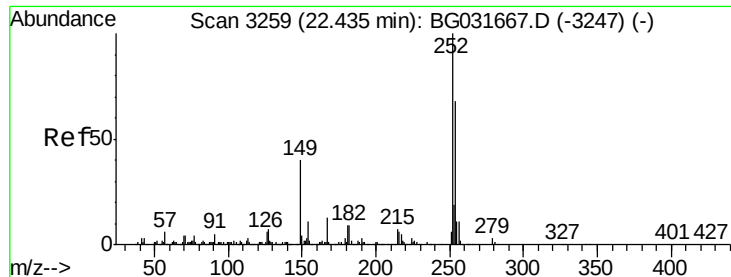
Tot Ion:149 Resp: 350141
Ion Ratio Lower Upper
149 100
91 52.6 62.2 93.2#
206 28.7 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 40.49 ng
RT: 22.49 min Scan# 3269
Delta R.T. -0.05 min
Lab File: BG031767.D
Acq: 26 Dec 2017 18:30

Tgt Ion:228 Resp: 1026335
Ion Ratio Lower Upper
228 100
226 28.1 22.7 34.1
229 20.9 16.2 24.2

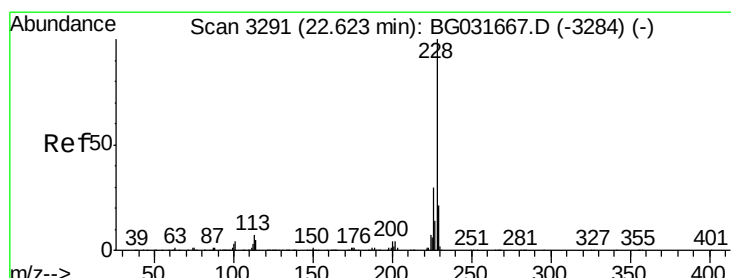
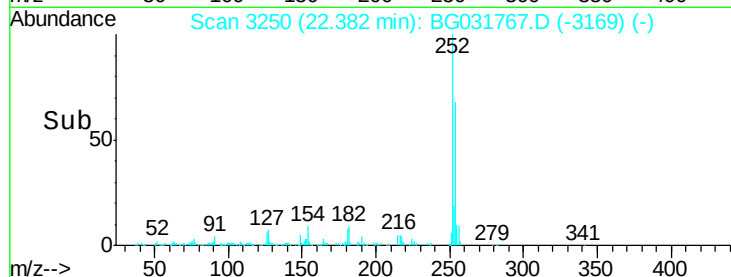
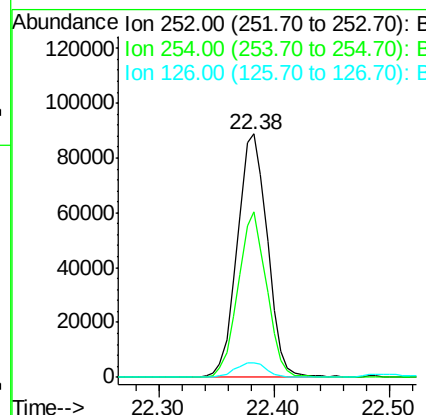
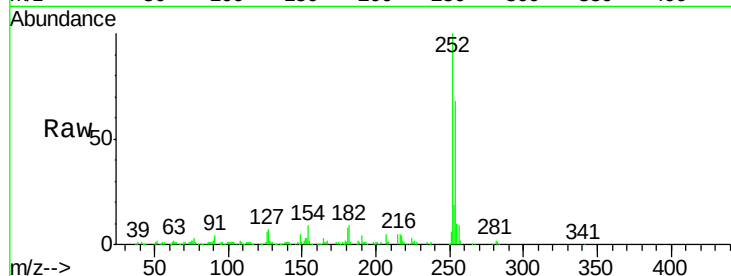




#81
 3,3'-Dichlorobenzidine
 Concen: 16.29 ng
 RT: 22.38 min Scan# 3250
 Delta R.T. -0.05 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

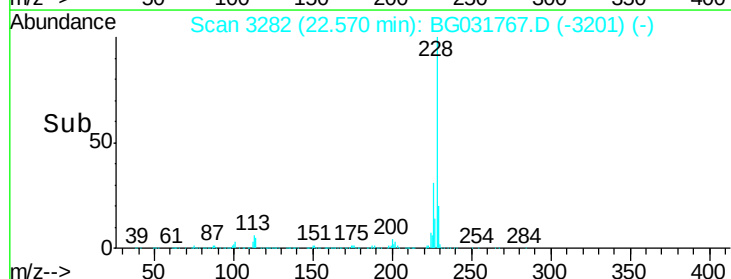
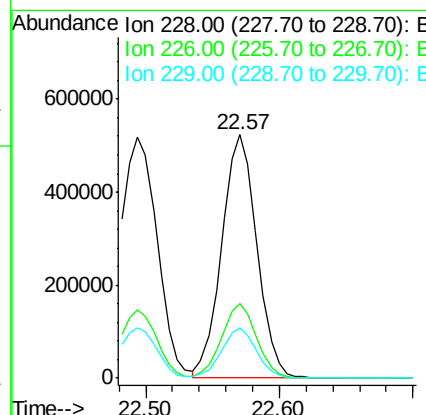
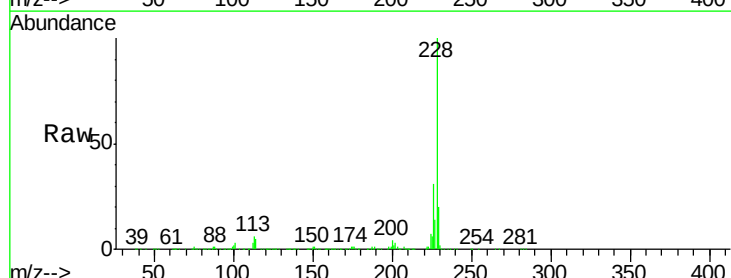
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

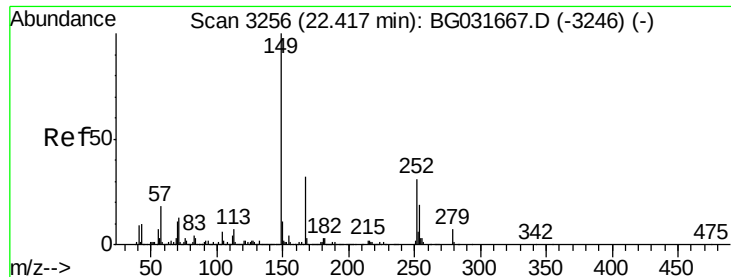
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.7	50.8	76.2
126	5.8	7.4	11.2#



#82
 Chrysene
 Concen: 40.12 ng
 RT: 22.57 min Scan# 3282
 Delta R.T. -0.05 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.4	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.16 ng

RT: 22.35 min Scan# 3244

Delta R.T. -0.07 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

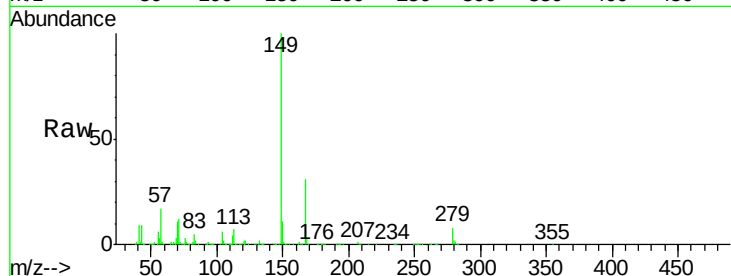
Tot Ion:149 Resp: 497108

Ion Ratio Lower Upper

149 100

167 31.3 24.3 36.5

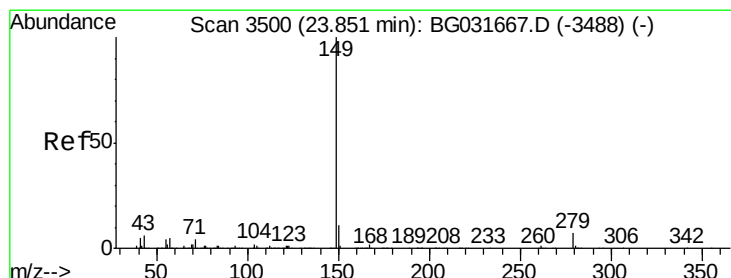
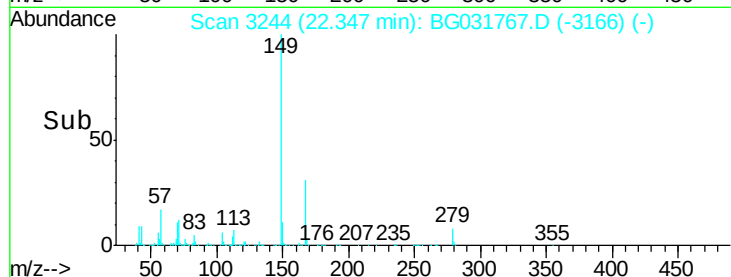
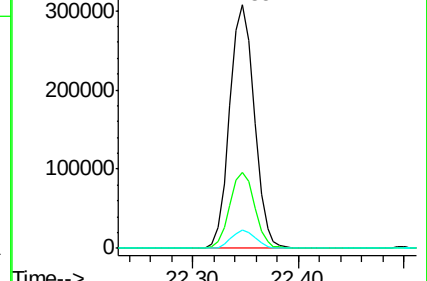
279 7.8 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 41.57 ng

RT: 23.75 min Scan# 3483

Delta R.T. -0.10 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

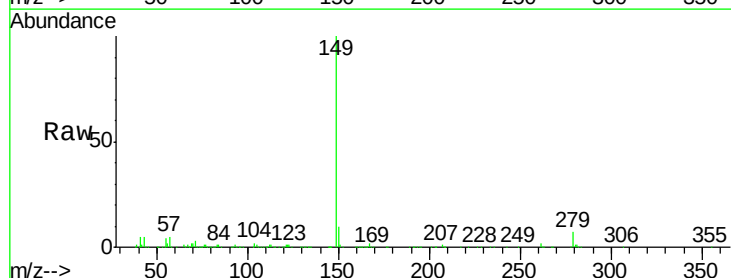
Tgt Ion:149 Resp: 866568

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

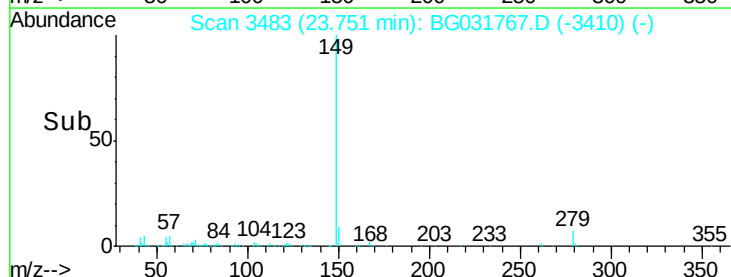
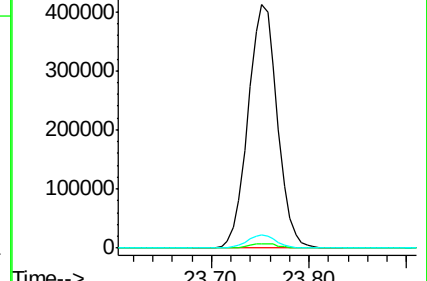
43 5.4 8.9 13.3#

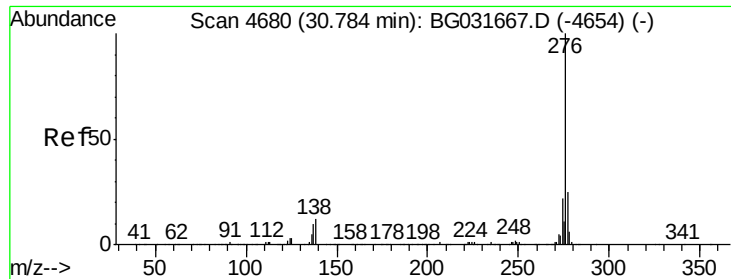


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

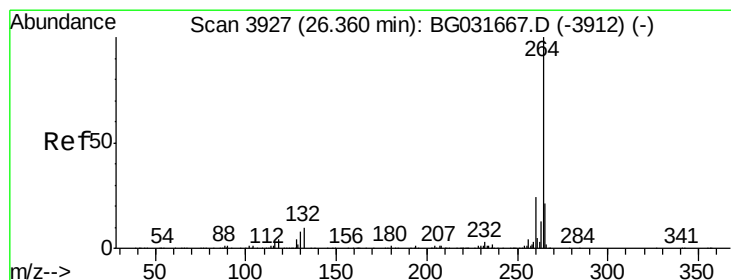
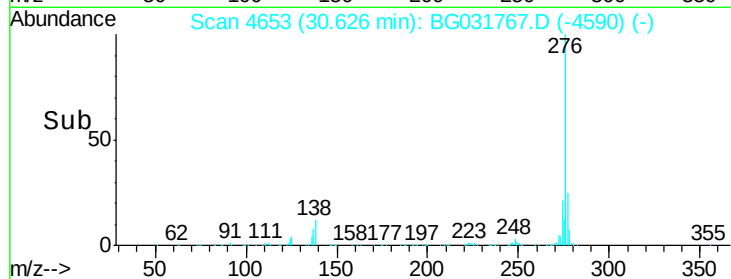
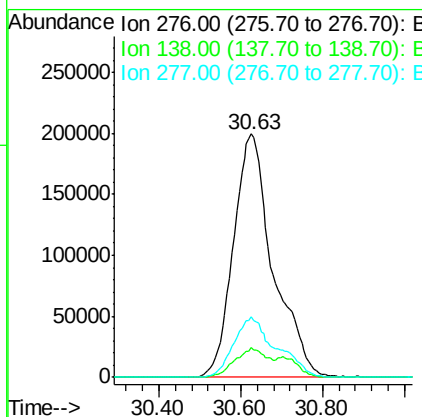
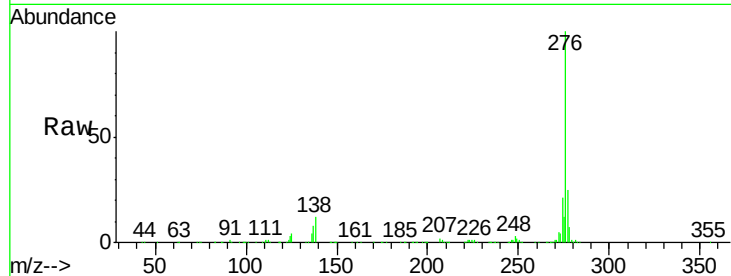




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.42 ng
 RT: 30.63 min Scan# 4653
 Delta R.T. -0.16 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

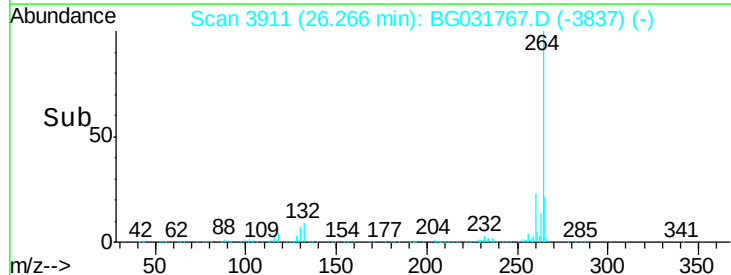
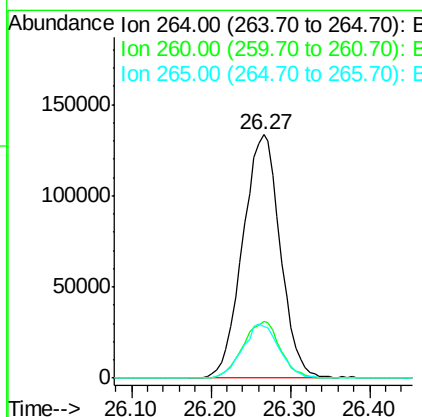
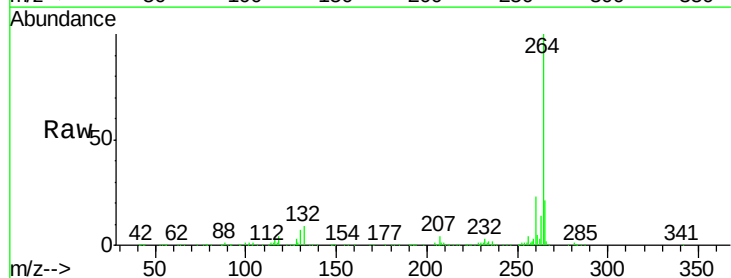
Instrument :
 BNA_G
 ClientSampleId :
 PB105319BS

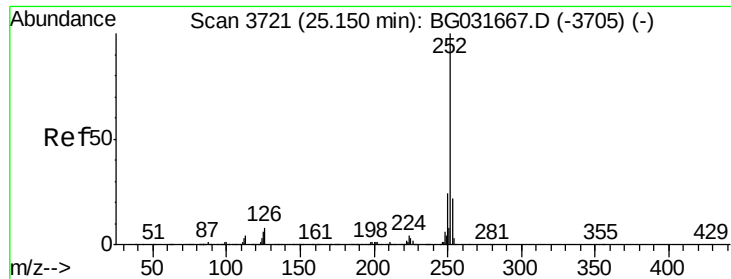
Tot Ion:276 Resp: 1335811
 Ion Ratio Lower Upper
 276 100
 138 10.2 16.0 24.0#
 277 26.6 20.0 30.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031767.D
 Acq: 26 Dec 2017 18:30

Tgt Ion:264 Resp: 438984
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 21.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 41.00 ng

RT: 25.06 min Scan# 3706

Delta R.T. -0.09 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

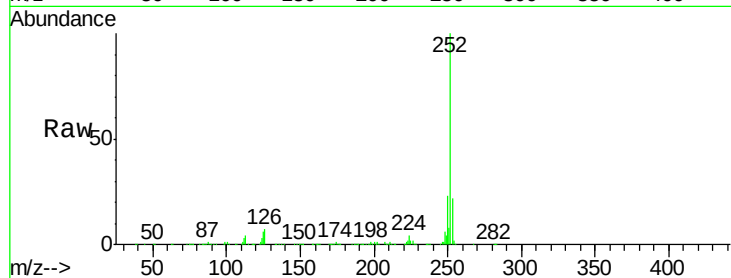
Tot Ion:252 Resp: 1117241

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.4

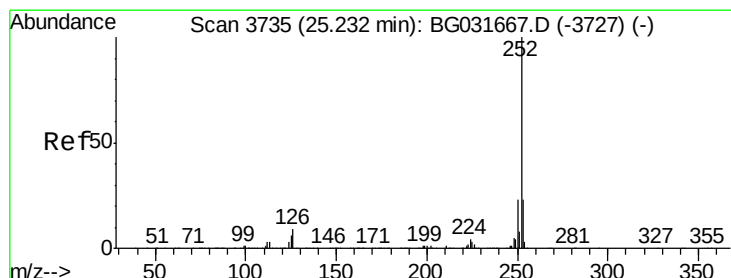
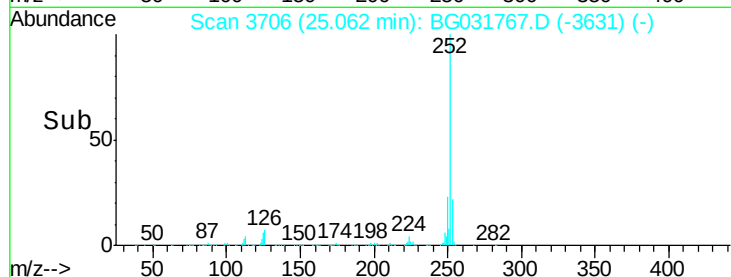
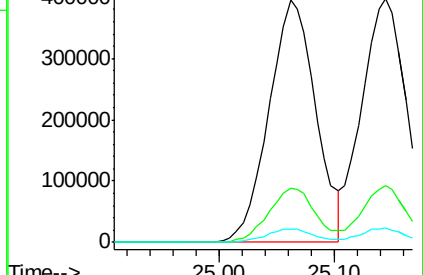
125 5.6 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.38 ng

RT: 25.14 min Scan# 3720

Delta R.T. -0.09 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

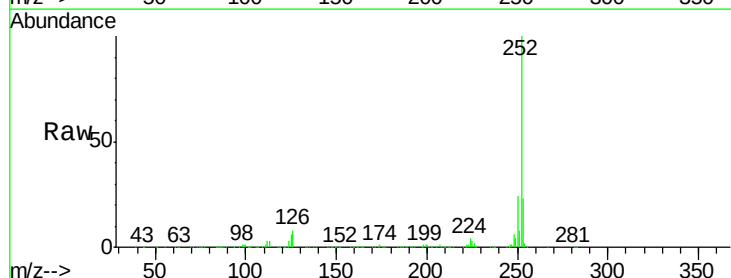
Tgt Ion:252 Resp: 1073833

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

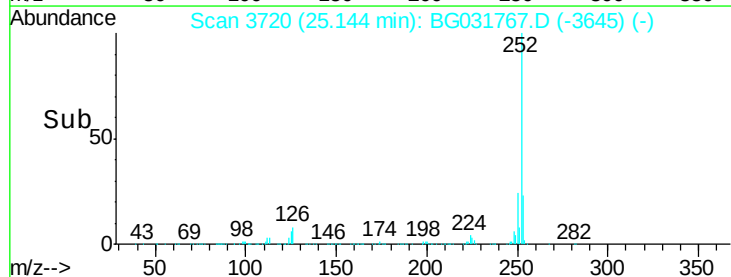
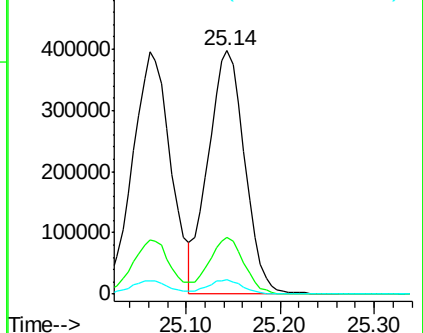
125 5.8 6.6 9.8#

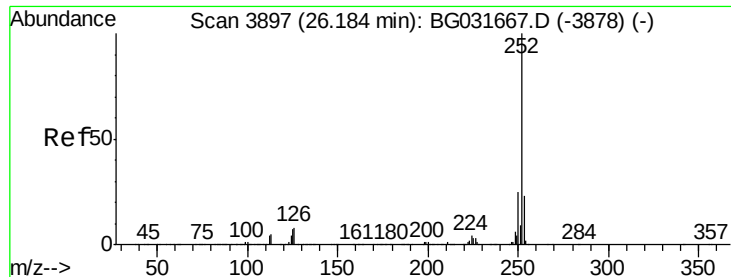


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.66 ng

RT: 26.08 min Scan# 3880

Delta R.T. -0.10 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

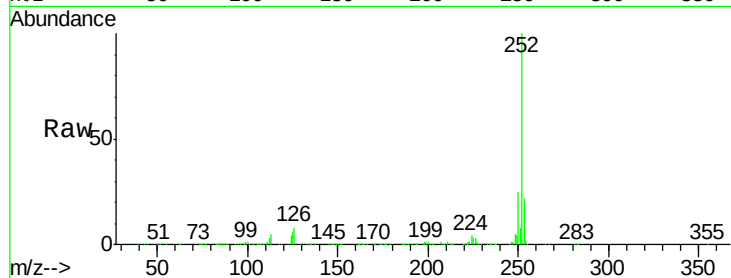
Tot Ion:252 Resp: 1087129

Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.3	27.5
125	6.2	7.3	10.9#

252 100

253 22.0 18.3 27.5

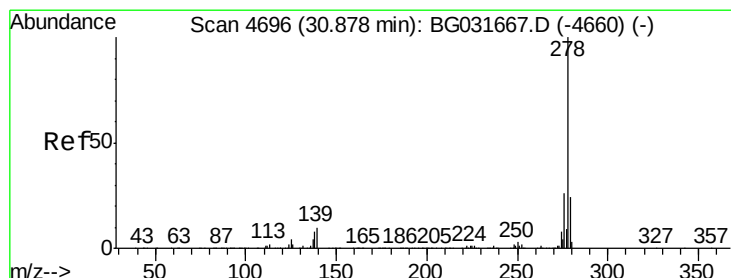
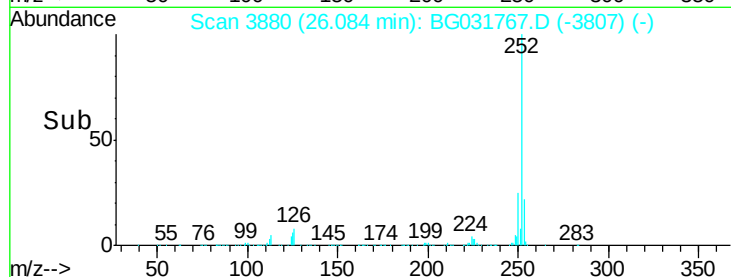
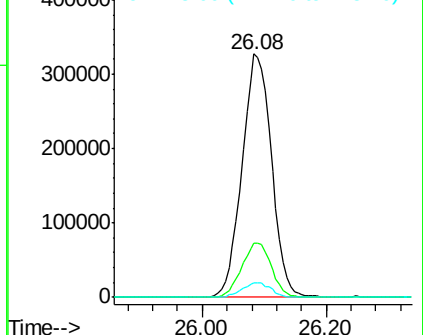
125 6.2 7.3 10.9#



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: 41.35 ng

RT: 30.71 min Scan# 4668

Delta R.T. -0.16 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

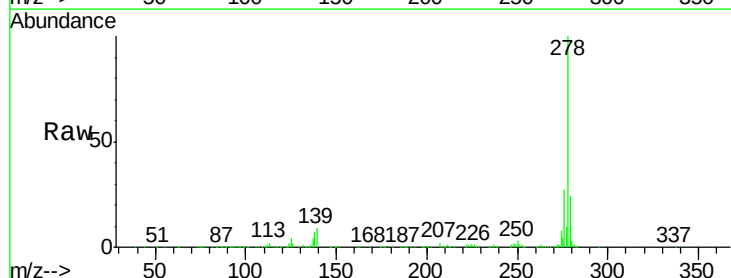
Tgt Ion:278 Resp: 1114595

Ion	Ratio	Lower	Upper
278	100		
139	9.0	9.8	14.6#
279	23.6	18.4	27.6

278 100

139 9.0 9.8 14.6#

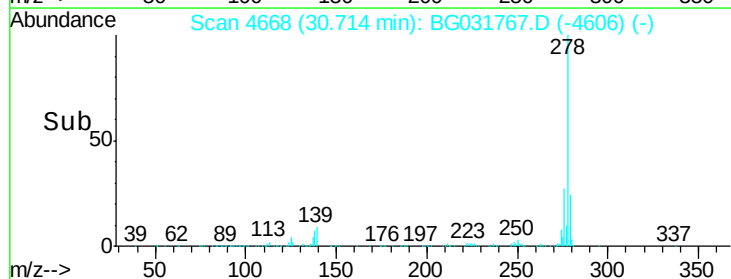
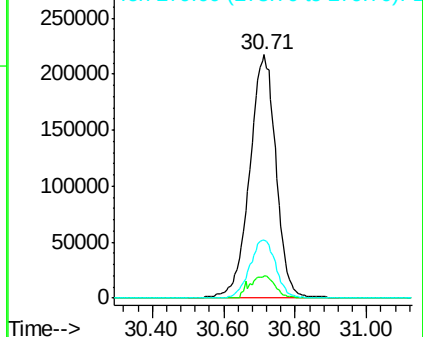
279 23.6 18.4 27.6

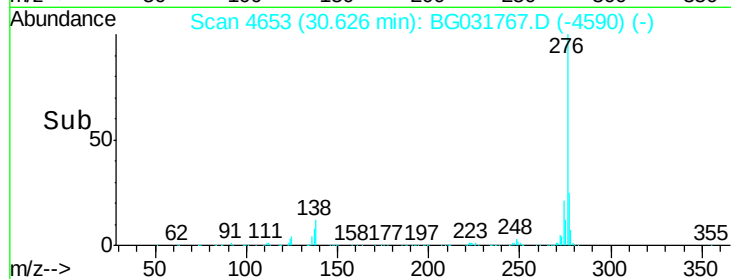
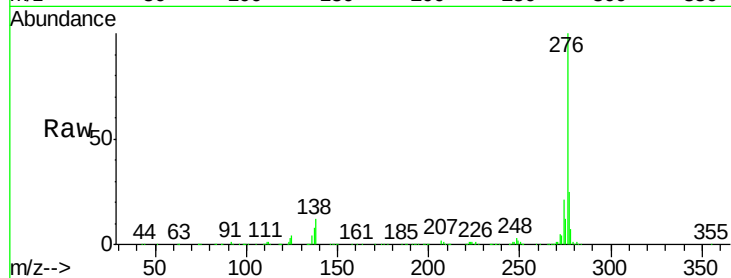
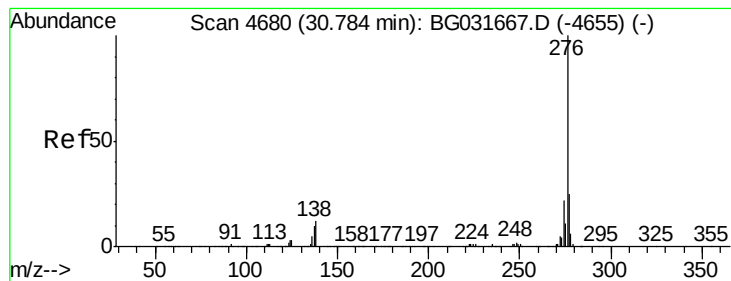


Abundance Ion 278.00 (277.70 to 278.70): E

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: 41.98 ng

RT: 30.63 min Scan# 4653

Delta R.T. -0.16 min

Lab File: BG031767.D

Acq: 26 Dec 2017 18:30

Instrument :

BNA_G

ClientSampleId :

PB105319BS

Tot Ion:276 Resp: 1335811

Ion Ratio Lower Upper

276 100

277 24.8 18.3 27.5

138 12.4 13.9 20.9#

