

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031317.D
 Acq On : 1 Dec 2017 14:39
 Operator : SJ/JU
 Sample : PB104639BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

Quant Time: Dec 02 01:55:29 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	62981	20.00	ng	-0.03
21) Naphthalene-d8	10.94	136	278314	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	184830	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	471260	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	542980	20.00	ng	-0.02
86) Perylene-d12	25.06	264	549915	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	470334	128.06	ng	-0.02
7) Phenol-d6	7.30	99	603764	122.02	ng	-0.01
23) Nitrobenzene-d5	9.30	82	343859	73.21	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	288158	96.38	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1012605	78.72	ng	-0.03
78) Terphenyl-d14	20.08	244	1824612	74.20	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	50887	34.14	ng	# 79
3) Pyridine	3.94	79	136212	31.48	ng	89
4) n-Nitrosodimethylamine	3.86	42	64726	31.56	ng	# 86
6) Aniline	7.45	93	87646	13.46	ng	94
8) 2-Chlorophenol	7.70	128	168107	41.47	ng	87
9) Benzaldehyde	7.27	77	72554	20.95	ng	85
10) Phenol	7.33	94	213672	41.58	ng	92
11) bis(2-Chloroethyl)ether	7.54	93	150734	36.74	ng	88
12) 1,3-Dichlorobenzene	8.02	146	176556	37.13	ng	95
13) 1,4-Dichlorobenzene	8.17	146	183667	38.11	ng	96
14) 1,2-Dichlorobenzene	8.48	146	172501	37.30	ng	97
15) Benzyl Alcohol	8.37	79	139152	35.06	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	213139	47.03	ng	90
17) 2-Methylphenol	8.58	107	143688	40.15	ng	95
18) Hexachloroethane	9.21	117	62309	37.15	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	119595	31.79	ng	# 93
20) 3+4-Methylphenols	8.91	107	197645	38.84	ng	95
22) Acetophenone	8.95	105	235736	34.02	ng	# 91
24) Nitrobenzene	9.34	77	176259	36.74	ng	# 89
25) Isophorone	9.86	82	330620	36.09	ng	# 92
26) 2-Nitrophenol	10.06	139	97442	38.96	ng	# 83
27) 2,4-Dimethylphenol	10.11	122	163523	44.04	ng	95
28) bis(2-Chloroethoxy)methane	10.33	93	210837	36.55	ng	96
29) 2,4-Dichlorophenol	10.60	162	187876	42.14	ng	94
30) 1,2,4-Trichlorobenzene	10.80	180	203343	38.20	ng	98
31) Naphthalene	10.99	128	503862	36.83	ng	98
32) Benzoic acid	10.26	122	72020	26.21	ng	85
33) 4-Chloroaniline	11.11	127	49084	8.20	ng	# 93
34) Hexachlorobutadiene	11.27	225	131300	35.57	ng	99
35) Caprolactam	11.87	113	35609	19.55	ng	# 68
36) 4-Chloro-3-methylphenol	12.23	107	184586	38.04	ng	# 86
37) 2-Methylnaphthalene	12.59	142	400665	37.94	ng	92
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	243031	33.13	ng	97
40) Hexachlorocyclopentadiene	12.93	237	211458	78.21	ng	91

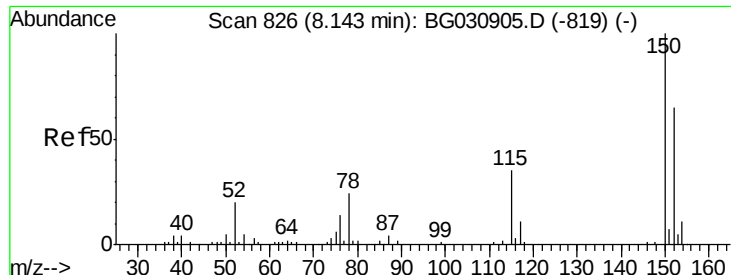
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	165729	39.52	nq	99
43) 2,4,5-Trichlorophenol	13.28	196	176688	38.51	nq	# 93
45) 1,1'-Biphenyl	13.58	154	530930	34.64	nq	99
46) 2-Chloronaphthalene	13.64	162	432488	39.11	nq	95
47) 2-Nitroaniline	13.84	65	116349	35.50	nq	# 74
48) Acenaphthylene	14.48	152	662356	36.60	nq	98
49) Dimethylphthalate	14.20	163	583631	36.52	nq	99
50) 2,6-Dinitrotoluene	14.32	165	132797	40.32	nq	# 73
51) Acenaphthene	14.82	154	411951	36.44	nq	98
52) 3-Nitroaniline	14.66	138	44645	12.76	nq	# 81
53) 2,4-Dinitrophenol	14.88	184	104789	59.45	nq	# 47
54) Dibenzofuran	15.15	168	683319	37.95	nq	98
55) 4-Nitrophenol	14.98	139	186882	75.01	nq	# 80
56) 2,4-Dinitrotoluene	15.12	165	190349	39.97	nq	# 73
57) Fluorene	15.80	166	551203	37.71	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	179030	40.94	nq	# 89
59) Diethylphthalate	15.55	149	571871	35.23	nq	97
60) 4-Chlorophenyl-phenylether	15.78	204	321822	36.45	nq	92
61) 4-Nitroaniline	15.82	138	128606	34.72	nq	84
62) Azobenzene	16.07	77	458609	37.04	nq	92
64) 4,6-Dinitro-2-methylphenol	15.89	198	97089	30.99	nq	# 75
65) n-Nitrosodiphenylamine	16.00	169	511510	35.82	nq	99
66) 4-Bromophenyl-phenylether	16.67	248	217480	36.44	nq	96
67) Hexachlorobenzene	16.80	284	224160	35.35	nq	95
68) Atrazine	16.94	200	218230	37.04	nq	98
69) Pentachlorophenol	17.15	266	204405	58.31	nq	98
70) Phenanthrene	17.54	178	932016	37.98	nq	99
71) Anthracene	17.62	178	971250	39.50	nq	99
72) Carbazole	17.90	167	885007	38.42	nq	100
73) Di-n-butylphthalate	18.43	149	1009960	35.71	nq	99
74) Fluoranthene	19.53	202	1243860	40.04	nq	97
76) Benzidine	19.71	184	284123	16.29	nq	97
77) Pyrene	19.90	202	1268103	39.36	nq	97
79) Butylbenzylphthalate	20.76	149	496333	38.63	nq	# 83
80) Benzo(a)anthracene	21.74	228	1280318	37.96	nq	99
81) 3,3'-Dichlorobenzidine	21.66	252	231889	17.03	nq	99
82) Chrysene	21.81	228	1203409	38.57	nq	97
83) Bis(2-ethylhexyl)phthalate	21.62	149	693804	37.41	nq	100
84) Di-n-octyl phthalate	22.85	149	1157940	38.36	nq	# 93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1406722	37.09	nq	# 80
87) Benzo(b)fluoranthene	24.01	252	1266089	38.06	nq	98
88) Benzo(k)fluoranthene	24.08	252	1247261	37.83	nq	97
89) Benzo(a)pyrene	24.91	252	1228157	38.86	nq	98
90) Dibenzo(a,h)anthracene	28.91	278	1170393	36.24	nq	99
91) Benzo(g,h,i)perylene	30.04	276	1162180	37.07	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 823

Delta R.T. -0.03 min

Lab File: BG031317.D

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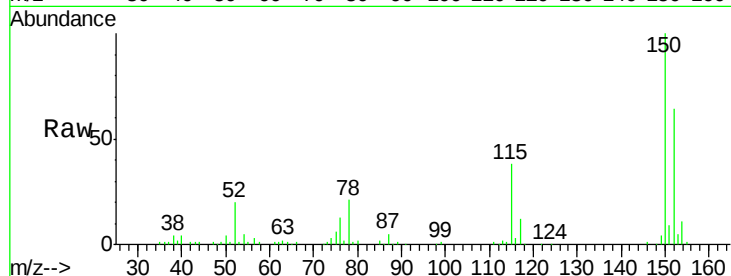
Tot Ion:152 Resp: 62981

Ion Ratio Lower Upper

152 100

150 156.3 126.6 189.8

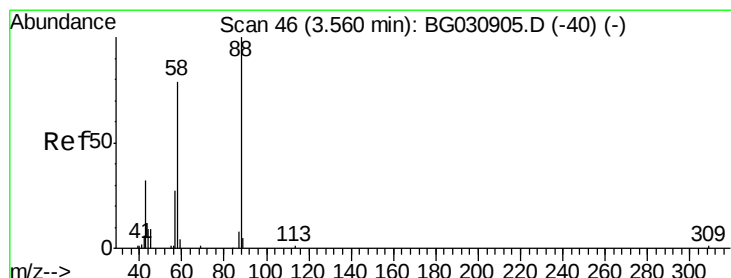
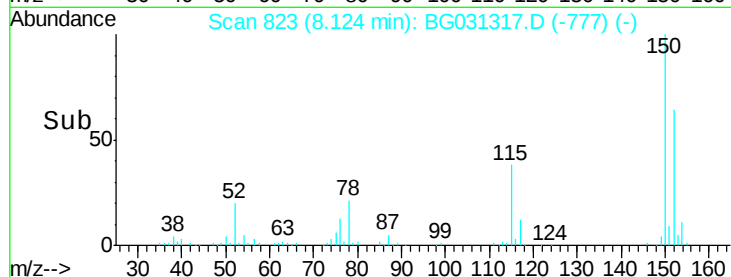
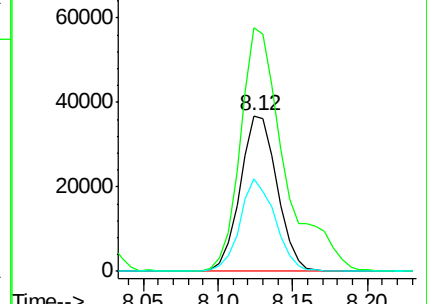
115 59.4 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 34.14 ng

RT: 3.54 min Scan# 42

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

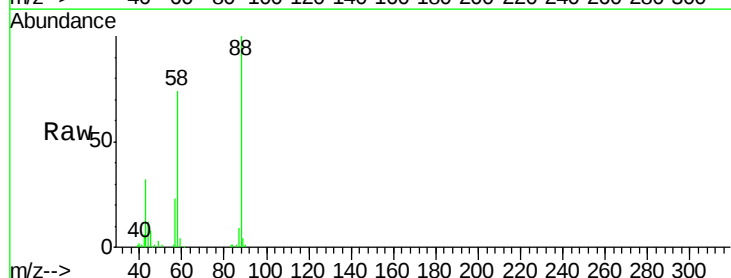
Tgt Ion: 88 Resp: 50887

Ion Ratio Lower Upper

88 100

58 74.1 79.6 119.4#

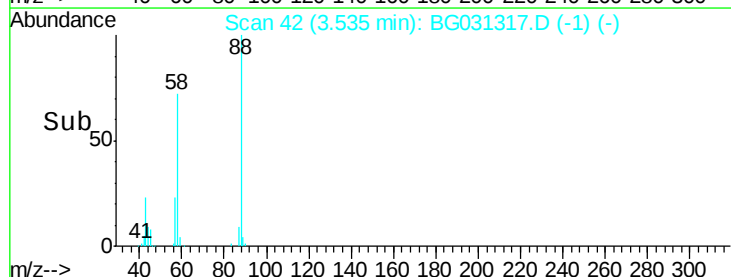
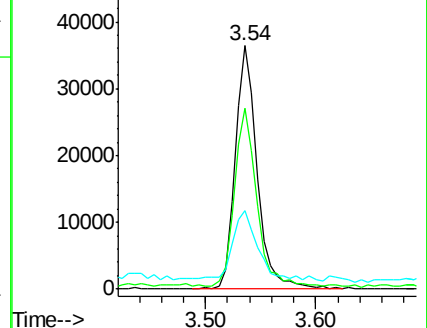
43 30.0 27.4 41.0

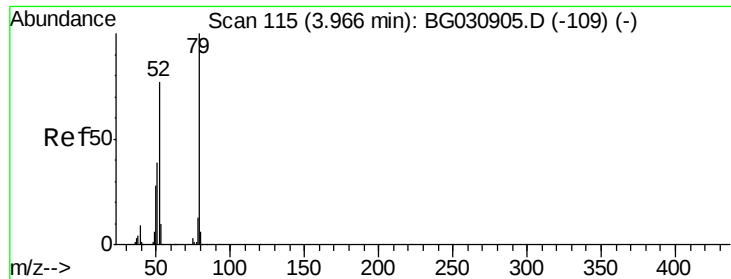


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.48 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

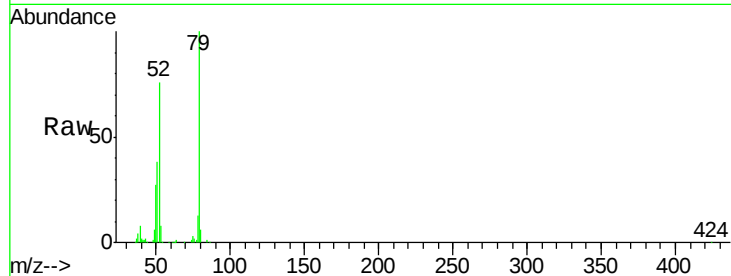
Tot Ion: 79 Resp: 136212

Ion Ratio Lower Upper

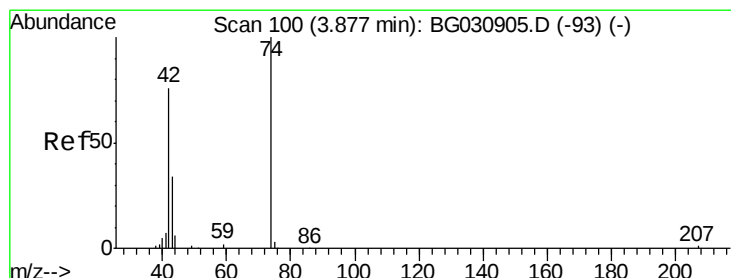
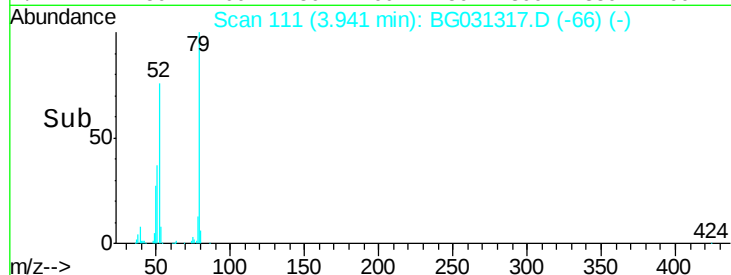
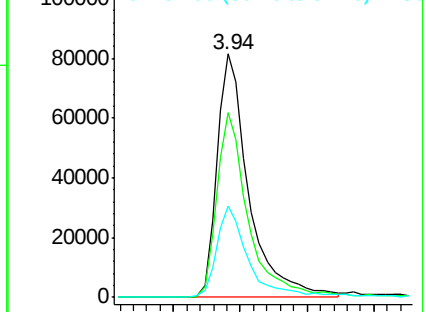
79 100

52 76.0 69.9 104.9

51 37.5 34.0 51.0



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



#4

n-Nitrosodimethylamine

Concen: 31.56 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

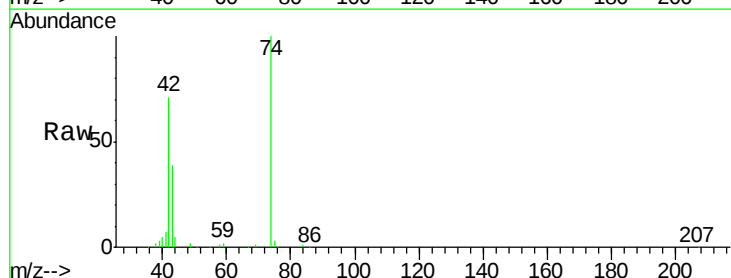
Tgt Ion: 42 Resp: 64726

Ion Ratio Lower Upper

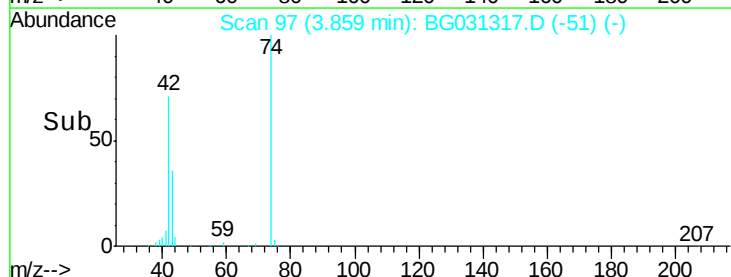
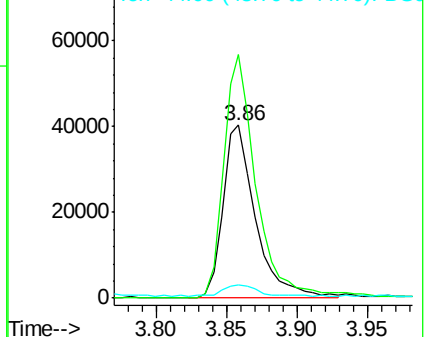
42 100

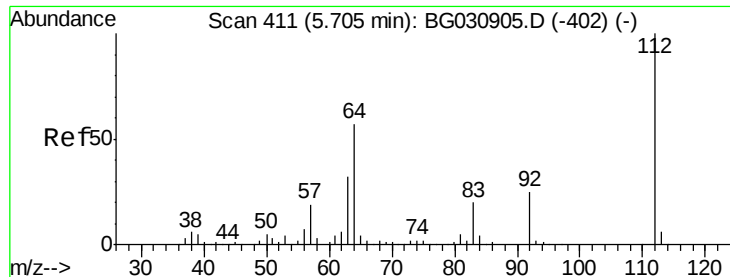
74 140.7 102.5 153.7

44 7.3 18.9 28.3#



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





#5

2-Fluorophenol

Concen: 128.06 ng

RT: 5.69 min Scan# 408

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

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PB104639BS

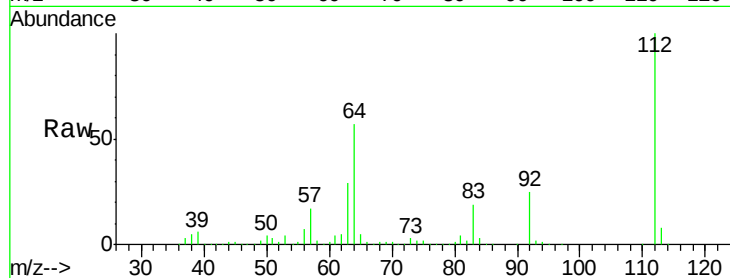
Tot Ion:112 Resp: 470334

Ion Ratio Lower Upper

112 100

64 57.2 56.3 84.5

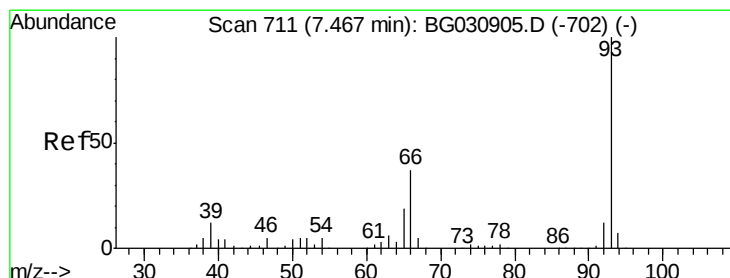
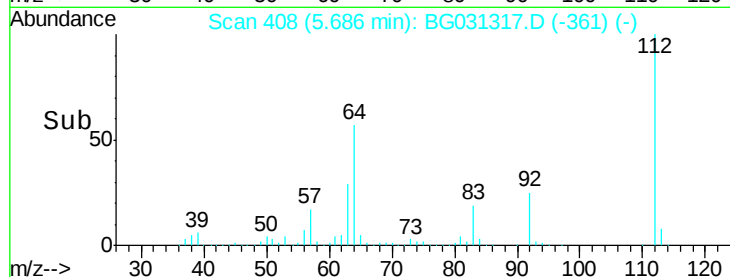
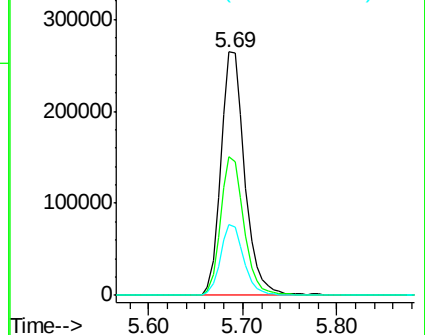
63 29.2 30.1 45.1#



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: 13.46 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

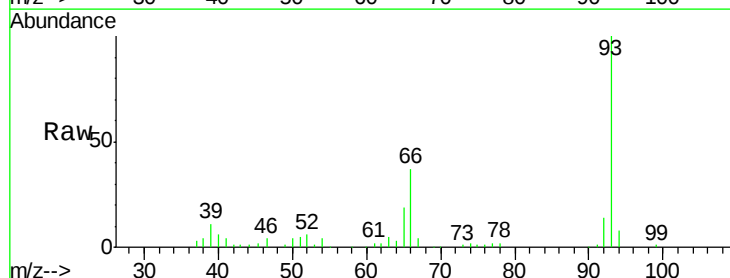
Tgt Ion: 93 Resp: 87646

Ion Ratio Lower Upper

93 100

66 37.1 33.7 50.5

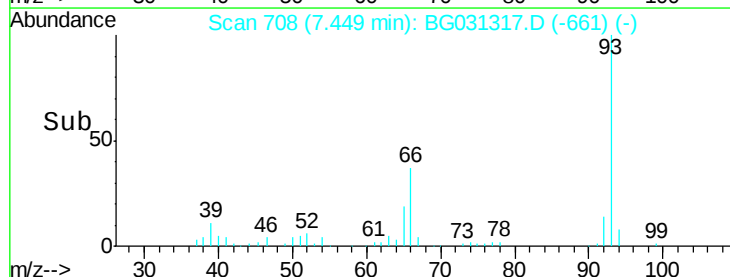
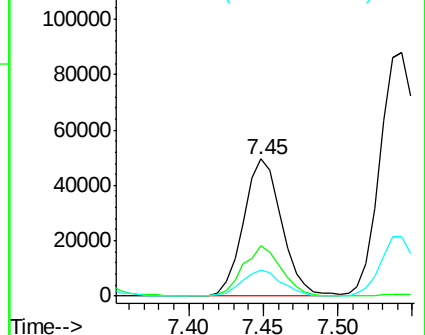
65 18.6 16.1 24.1

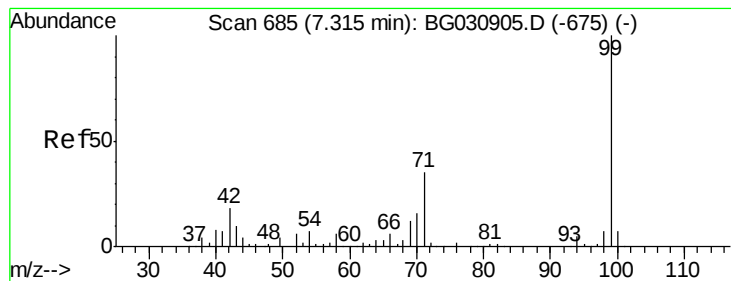


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.02 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

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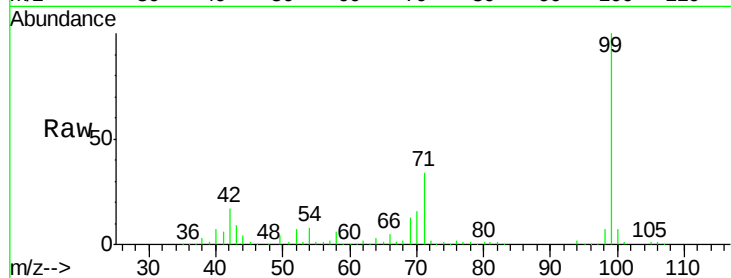
Tot Ion: 99 Resp: 603764

Ion Ratio Lower Upper

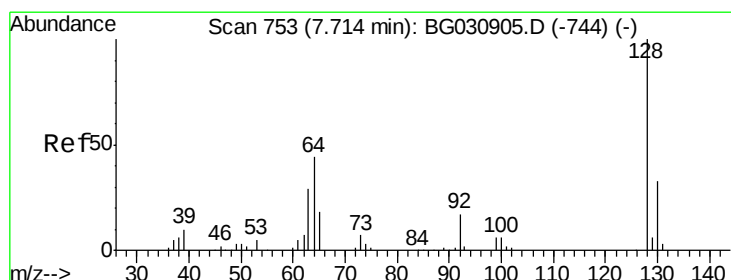
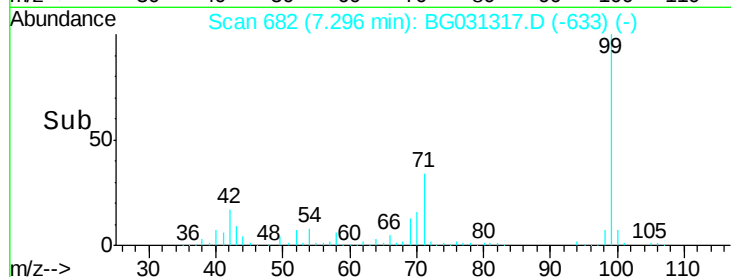
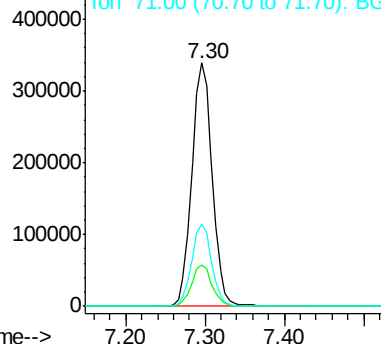
99 100

42 17.1 14.1 21.1

71 33.9 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: 41.47 ng

RT: 7.70 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

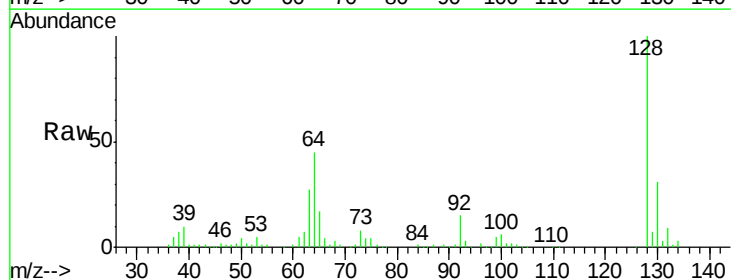
Tgt Ion: 128 Resp: 168107

Ion Ratio Lower Upper

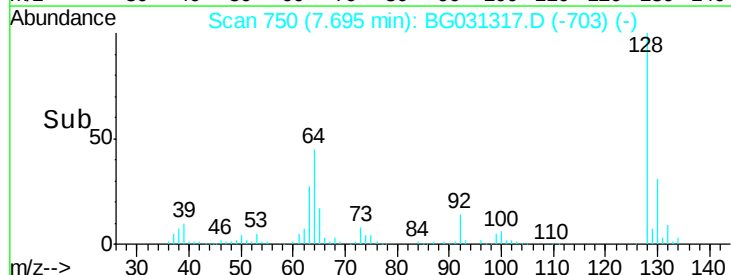
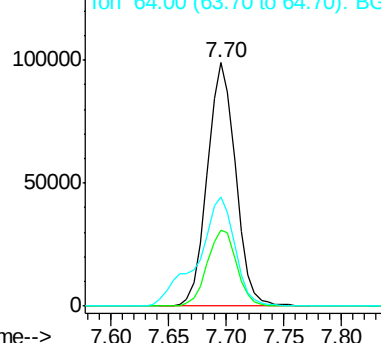
128 100

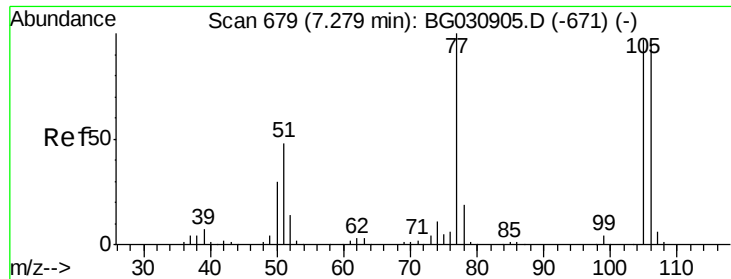
130 31.2 14.0 54.0

64 44.8 37.7 77.7



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





#9

Benzaldehyde

Concen: 20.95 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

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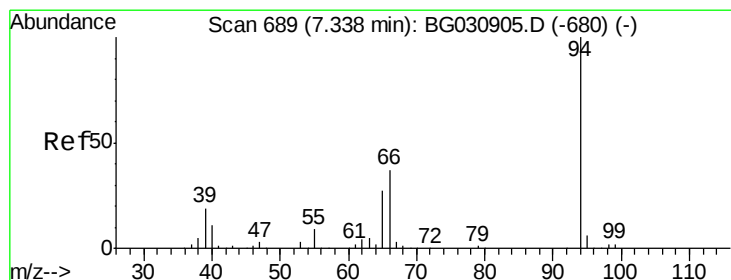
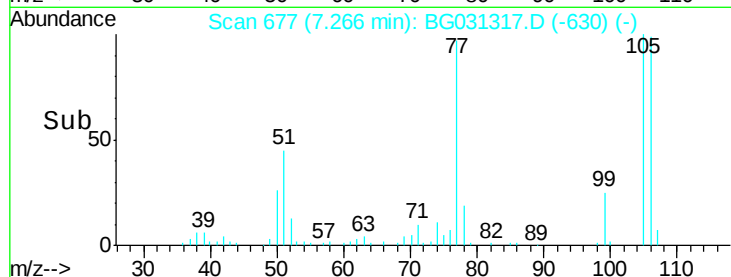
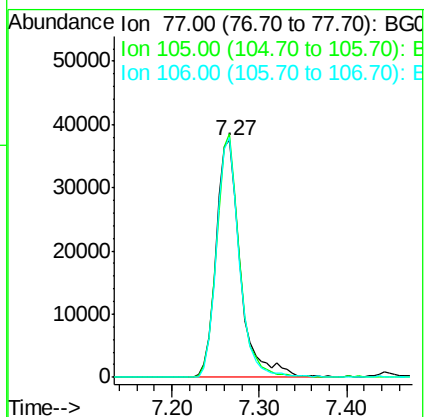
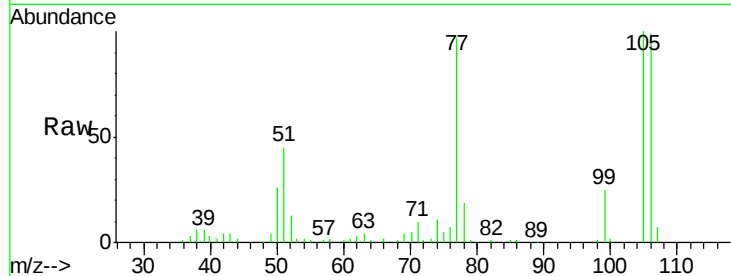
Tot Ion: 77 Resp: 72554

Ion Ratio Lower Upper

77 100

105 102.7 71.3 111.3

106 101.4 64.2 104.2



#10

Phenol

Concen: 41.58 ng

RT: 7.33 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

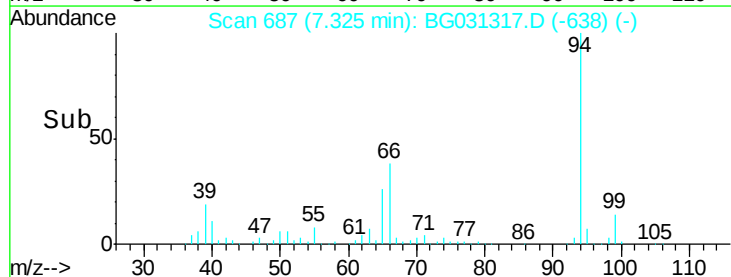
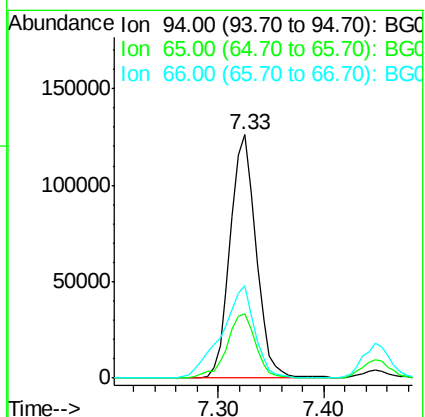
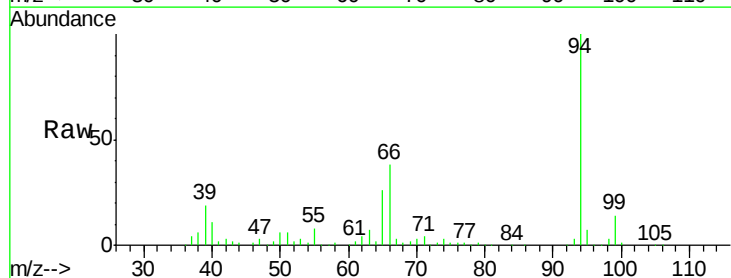
Tgt Ion: 94 Resp: 213672

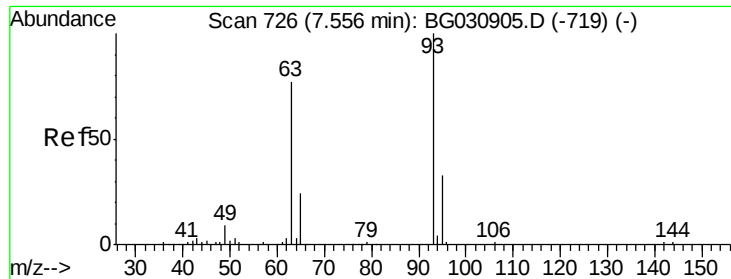
Ion Ratio Lower Upper

94 100

65 26.4 11.9 51.9

66 37.9 22.2 62.2

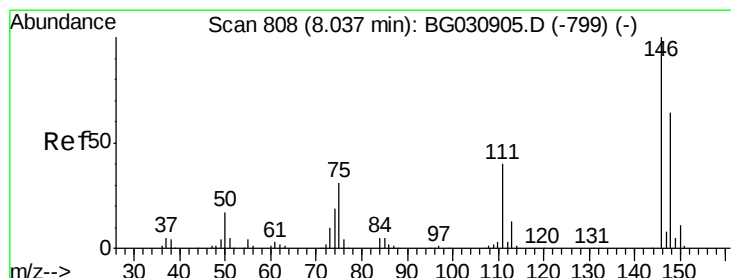
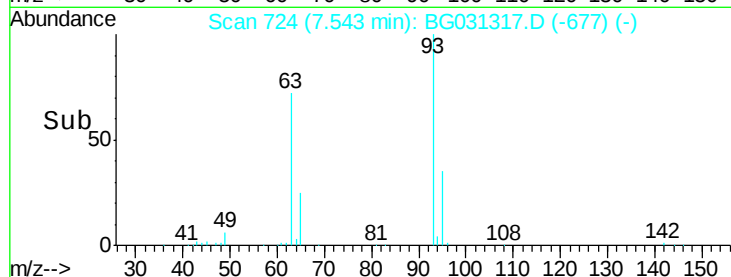
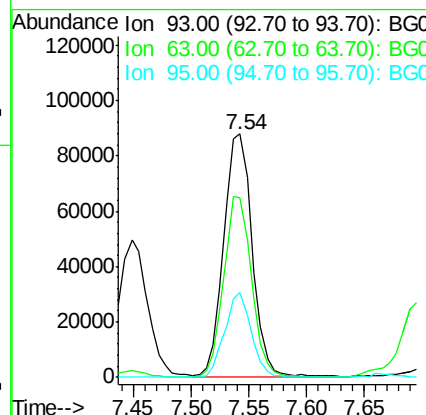
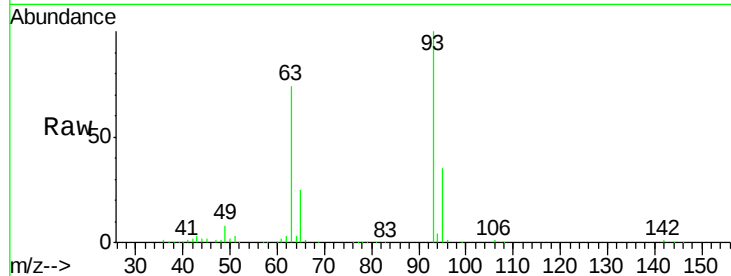




#11
bis(2-Chloroethyl)ether
Concen: 36.74 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

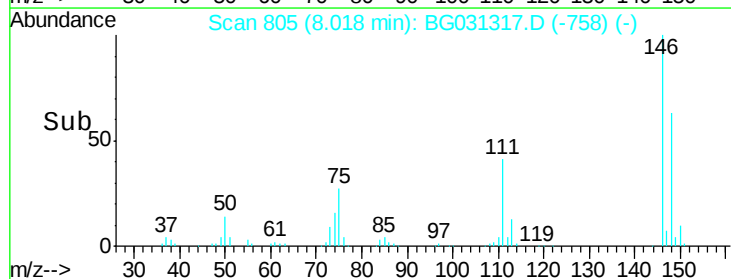
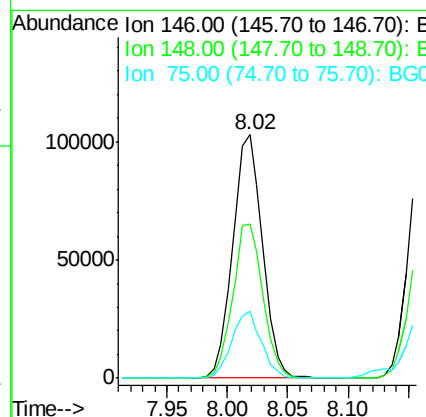
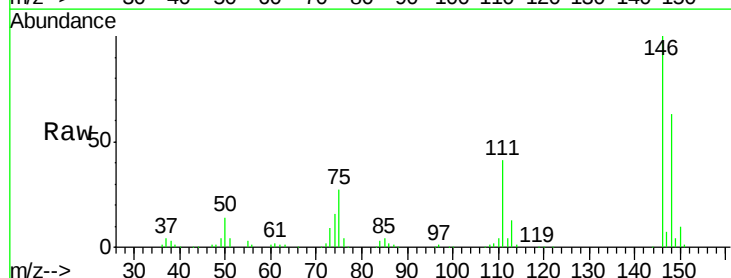
Instrument :
BNA_G
ClientSampleId :
PB104639BS

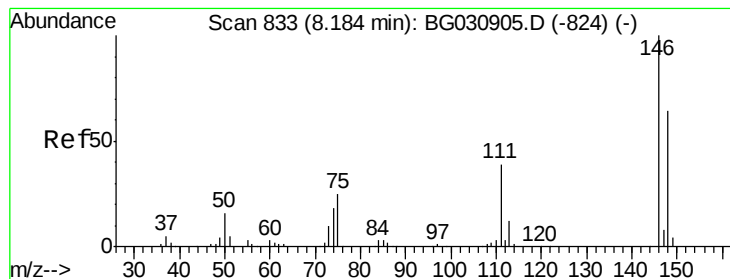
Tot Ion: 93 Resp: 150734
Ion Ratio Lower Upper
93 100
63 73.8 67.1 107.1
95 34.8 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.13 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion: 146 Resp: 176556
Ion Ratio Lower Upper
146 100
148 63.0 51.4 77.2
75 27.4 26.6 39.8





#13

1,4-Dichlorobenzene

Concen: 38.11 ng

RT: 8.17 min Scan# 830

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

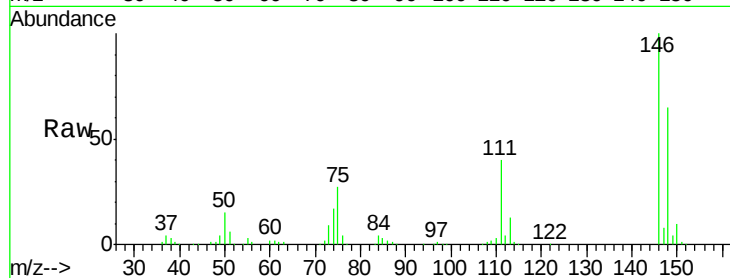
Tot Ion:146 Resp: 183667

Ion Ratio Lower Upper

146 100

148 65.3 53.7 80.5

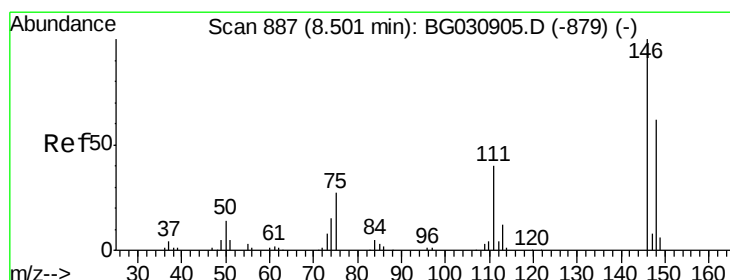
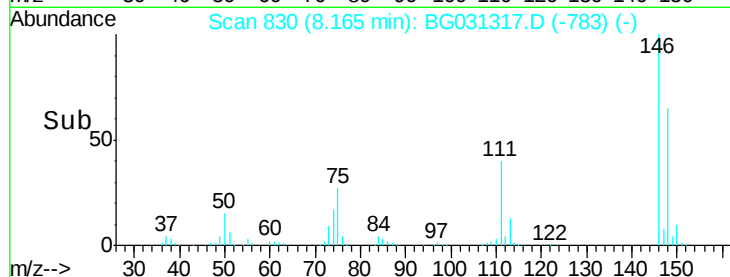
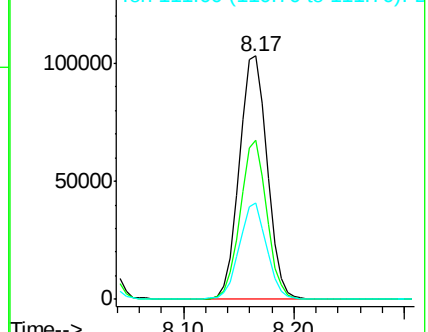
111 39.7 35.2 52.8



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: 37.30 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

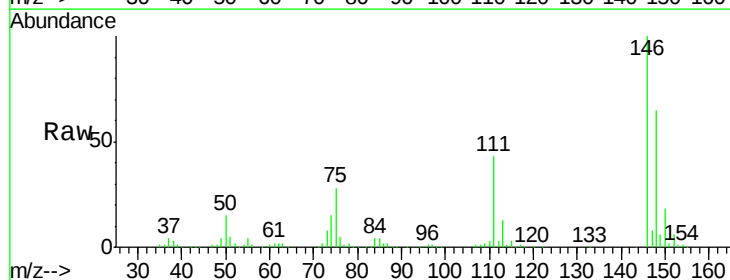
Tgt Ion:146 Resp: 172501

Ion Ratio Lower Upper

146 100

148 65.5 49.3 73.9

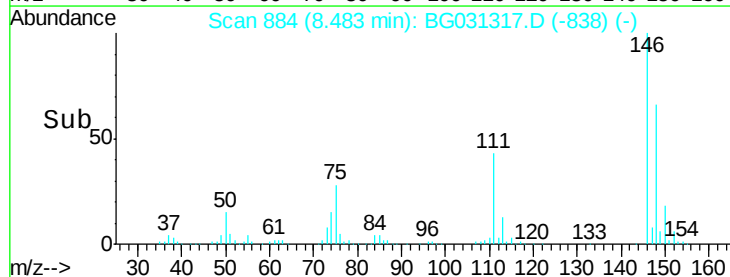
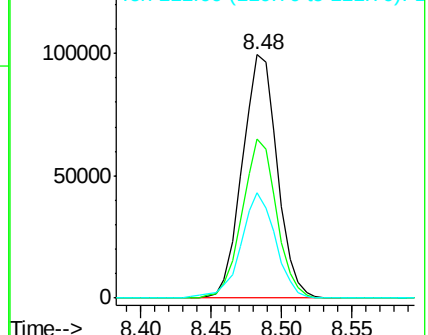
111 43.1 34.3 51.5

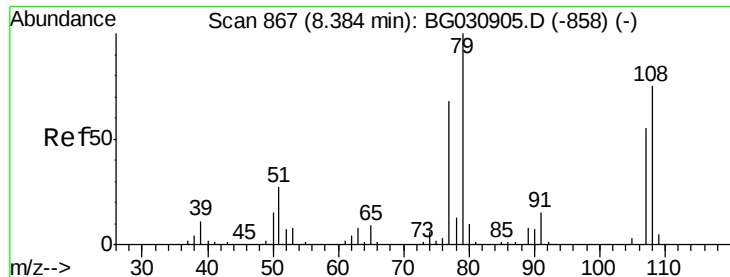


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.06 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

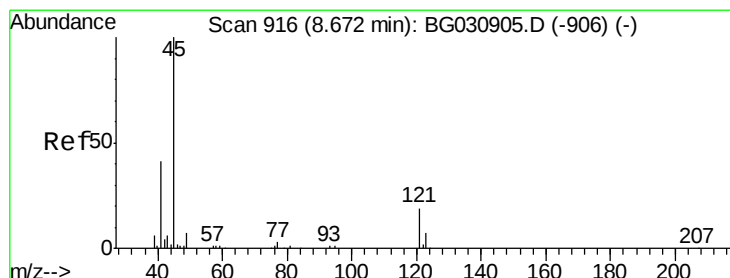
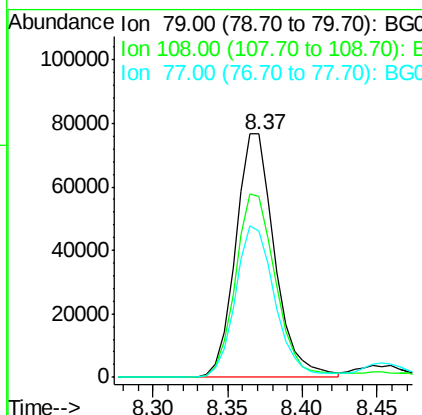
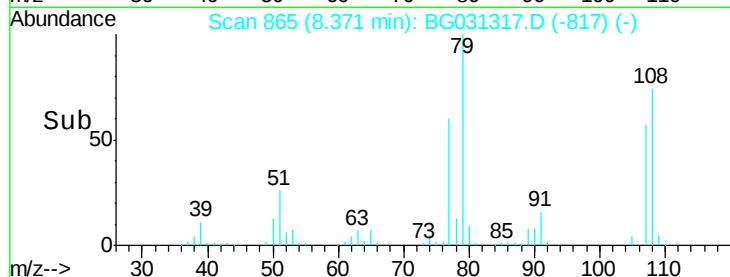
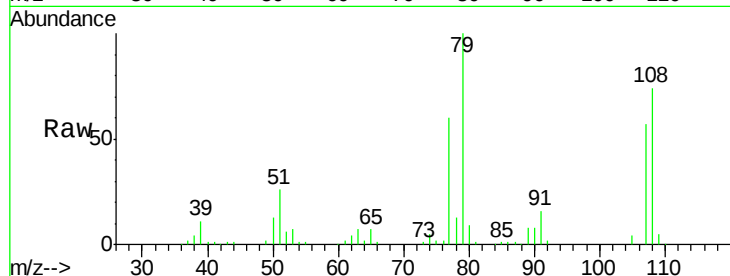
Tot Ion: 79 Resp: 139152

Ion Ratio Lower Upper

79 100

108 74.1 57.2 85.8

77 60.0 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.03 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

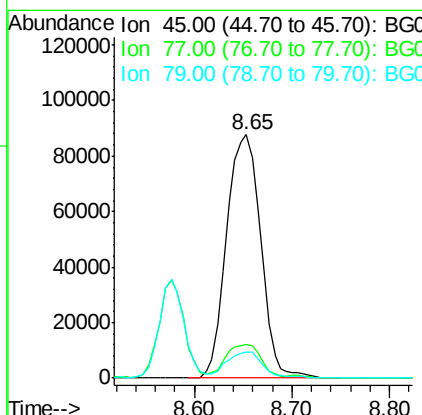
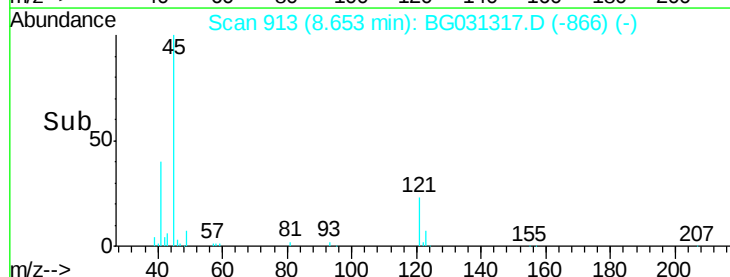
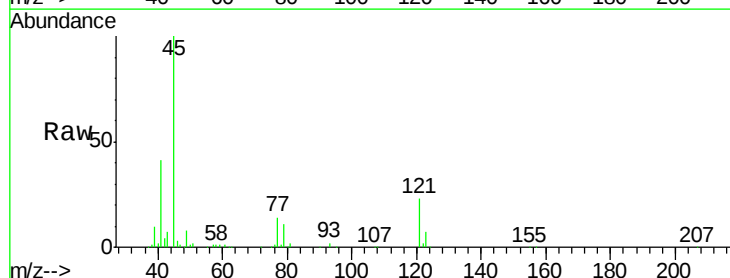
Tgt Ion: 45 Resp: 213139

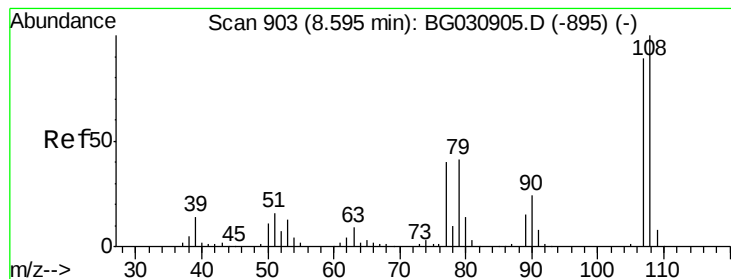
Ion Ratio Lower Upper

45 100

77 14.0 0.0 30.2

79 10.9 0.0 27.9

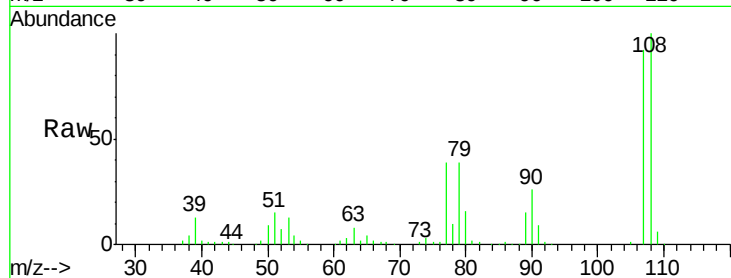




#17
2-Methylphenol
Concen: 40.15 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Instrument :
BNA_G
ClientSampleId :
PB104639BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.6	83.9	125.9
77	41.9	37.2	55.8
79	42.2	36.2	54.2



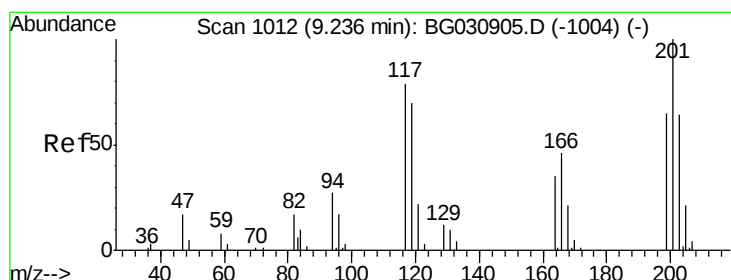
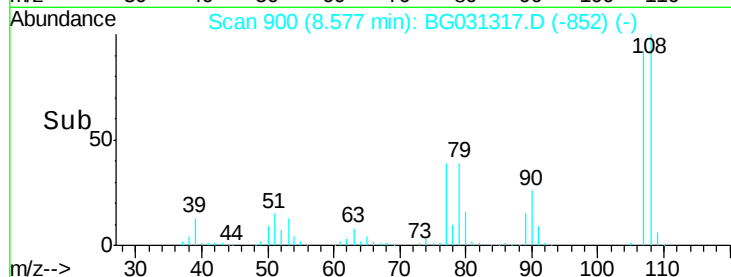
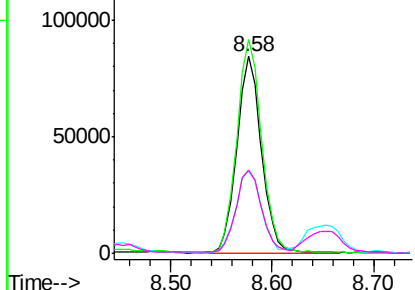
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

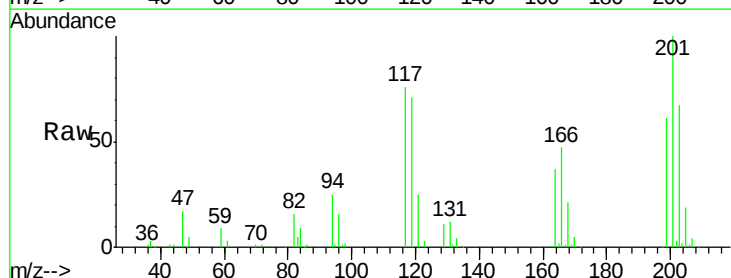
Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18
Hexachloroethane
Concen: 37.15 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.7	115.1
201	131.4	95.7	143.5

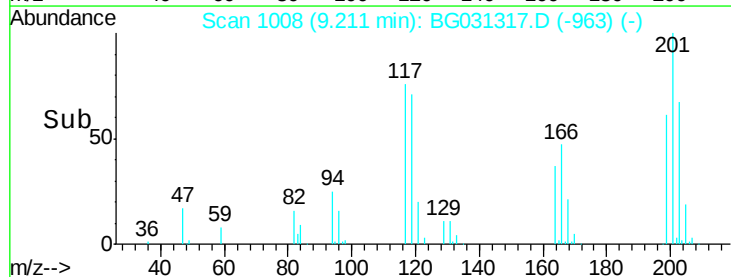
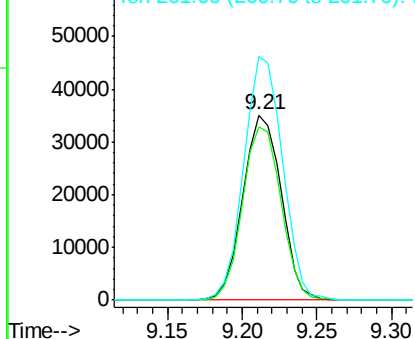


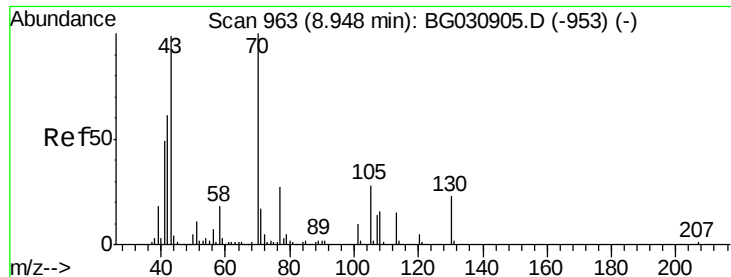
Abundance

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

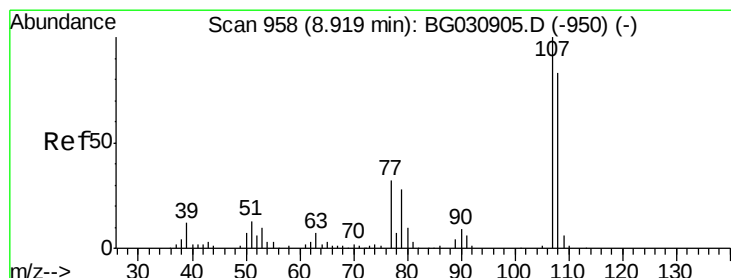
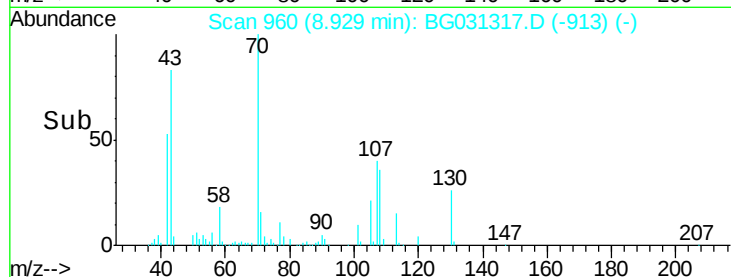
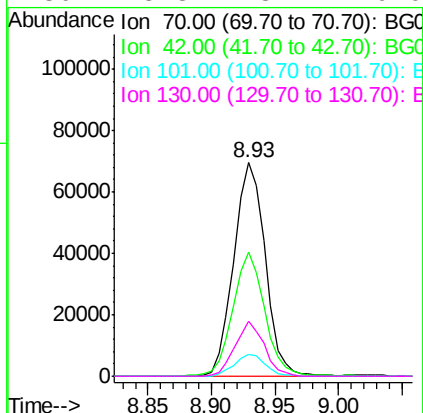
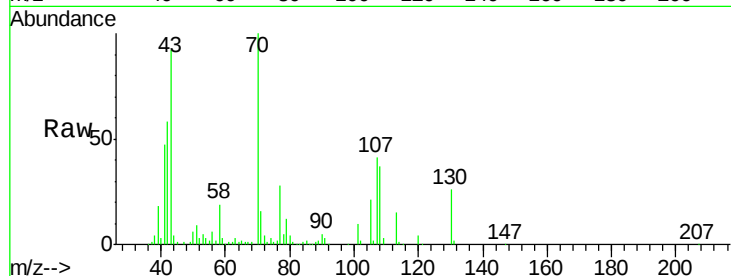




#19
n-Nitroso-di-n-propylamine
Concen: 31.79 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

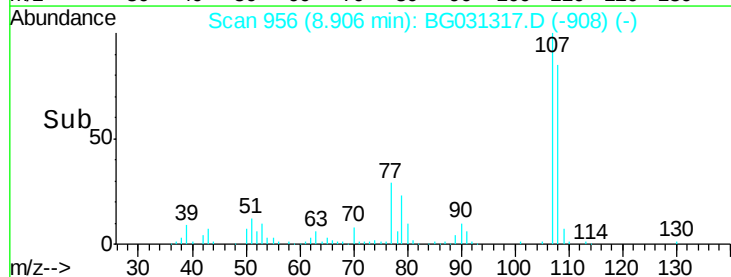
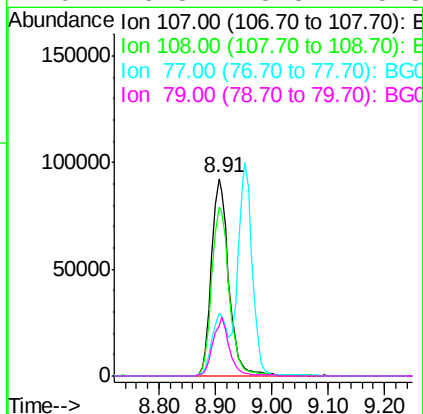
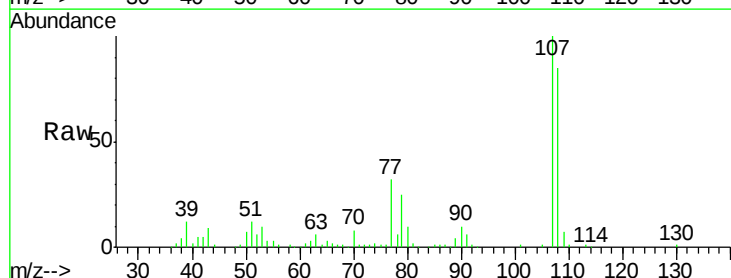
Instrument :
BNA_G
ClientSampleId :
PB104639BS

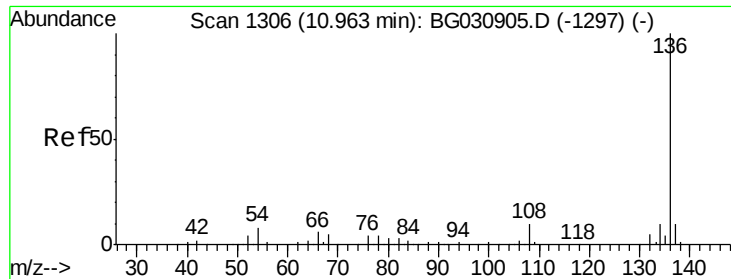
Tot Ion: 70 Resp: 119595
Ion Ratio Lower Upper
70 100
42 58.2 49.1 73.7
101 10.4 8.5 12.7
130 25.8 13.4 20.0#



#20
3+4-Methylphenols
Concen: 38.84 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion: 107 Resp: 197645
Ion Ratio Lower Upper
107 100
108 85.4 61.6 101.6
77 32.0 13.9 53.9
79 25.3 8.8 48.8

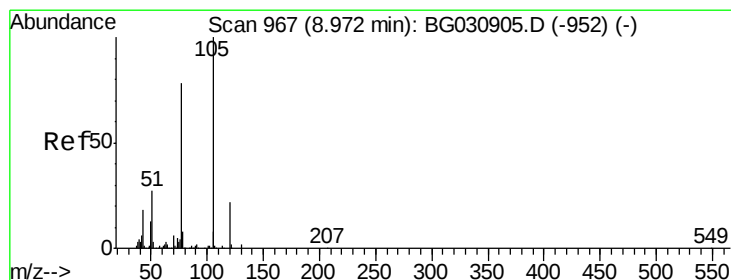
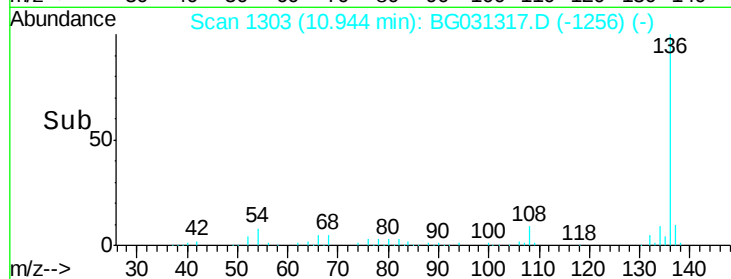
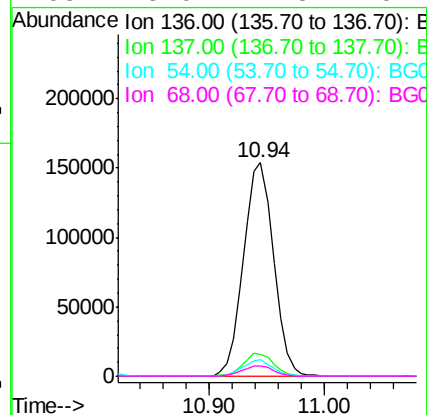
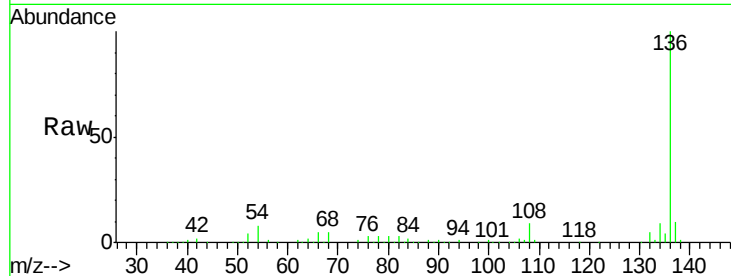




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

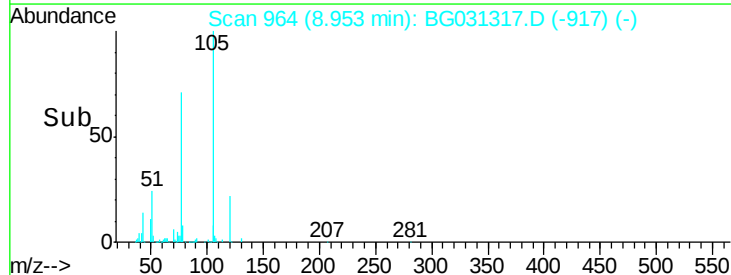
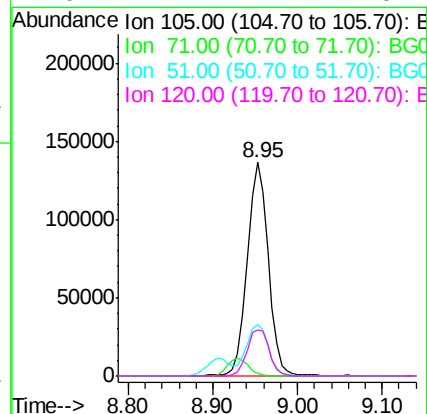
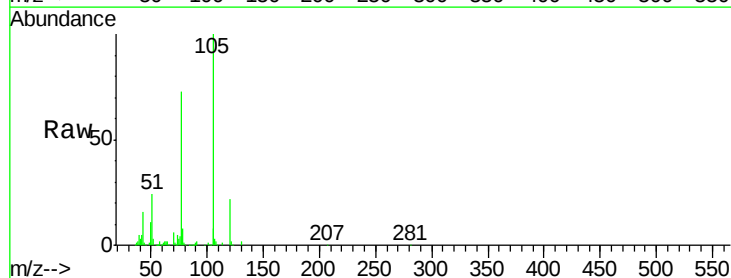
Instrument :
BNA_G
ClientSampleId :
PB104639BS

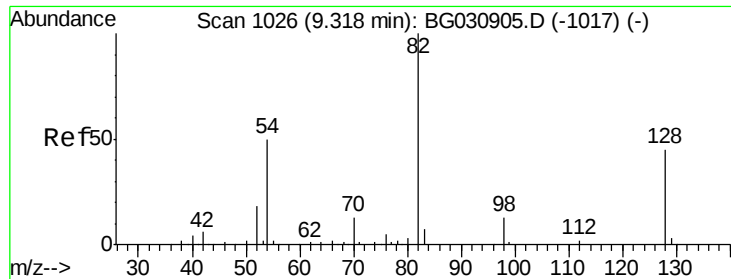
Tot Ion:136	Resp:	278314
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.2 13.8
54	7.6	10.3 15.5#
68	5.0	4.5 6.7



#22
Acetophenone
Concen: 34.02 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:105	Resp:	235736
Ion Ratio	Lower	Upper
105	100	
71	1.2	3.0 4.4#
51	24.0	26.1 39.1#
120	21.7	17.4 26.2

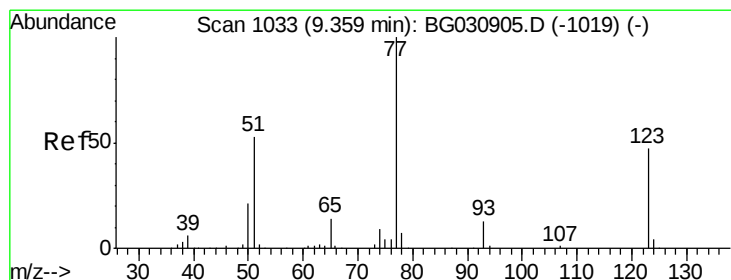
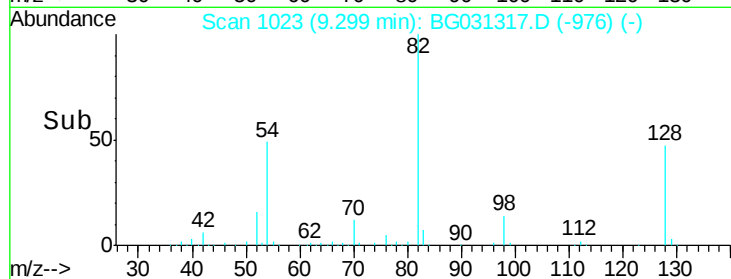
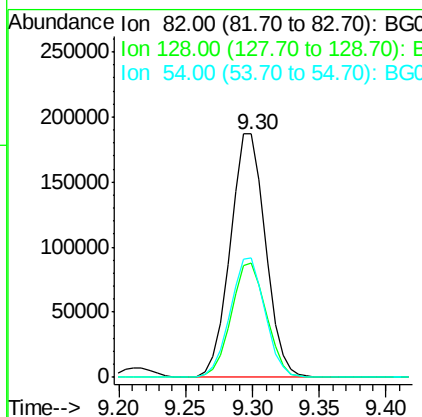
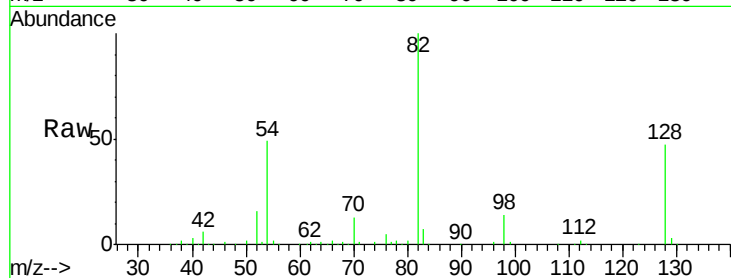




#23
 Nitrobenzene-d5
 Concen: 73.21 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

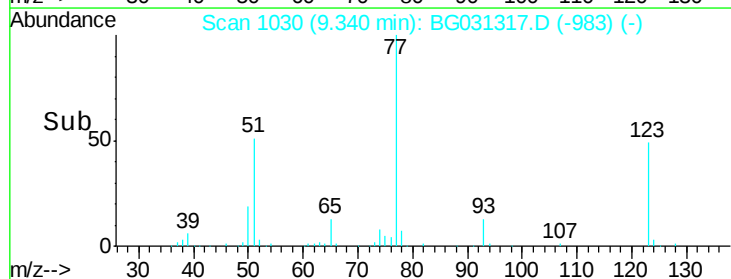
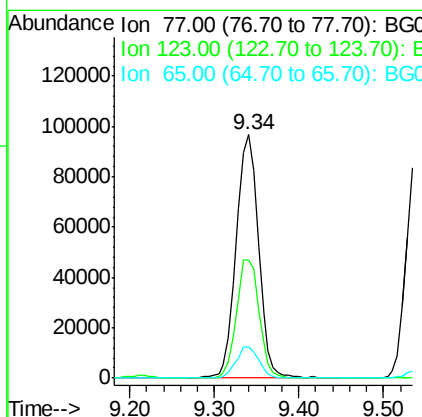
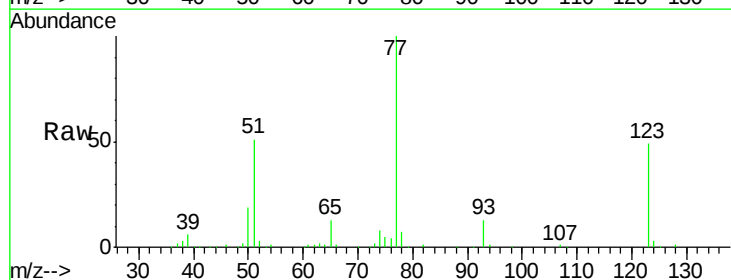
Instrument :
 BNA_G
 ClientSampled :
 PB104639BS

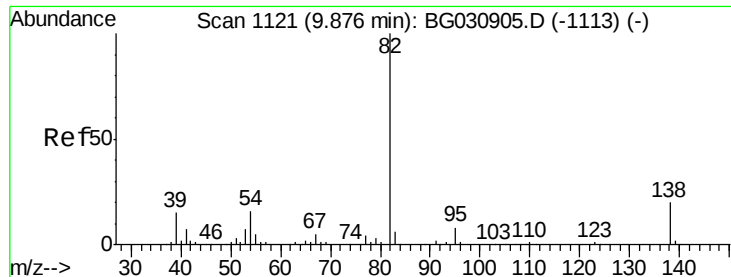
Tot Ion: 82 Resp: 343859
 Ion Ratio Lower Upper
 82 100
 128 47.1 29.7 44.5#
 54 49.1 43.1 64.7



#24
 Nitrobenzene
 Concen: 36.74 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion: 77 Resp: 176259
 Ion Ratio Lower Upper
 77 100
 123 48.8 33.0 49.6
 65 12.9 13.0 19.6#





#25

Isophorone

Concen: 36.09 ng

RT: 9.86 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

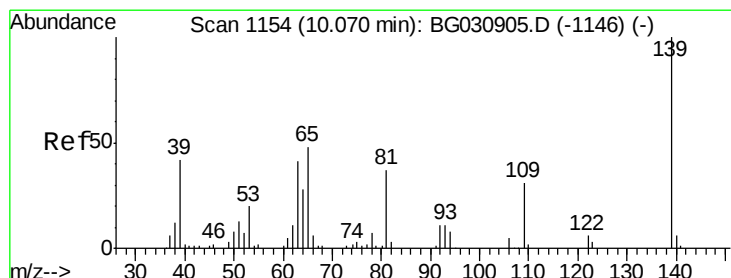
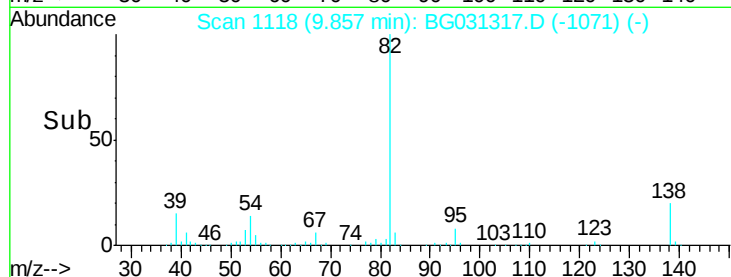
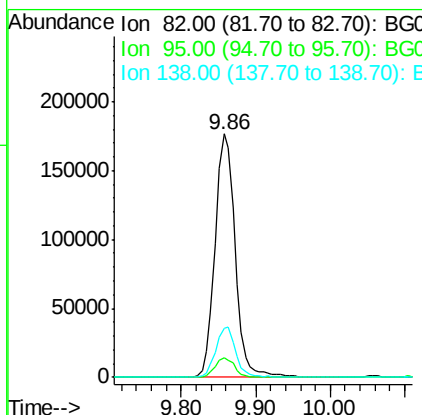
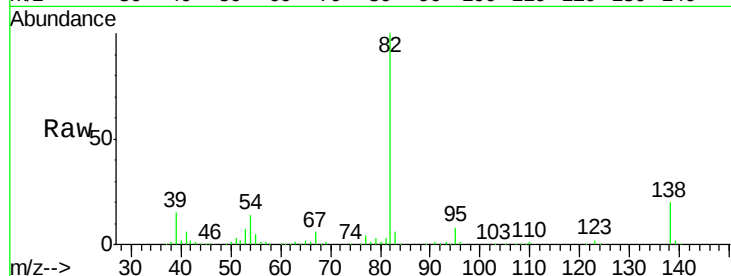
Tot Ion: 82 Resp: 330620

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 20.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 38.96 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

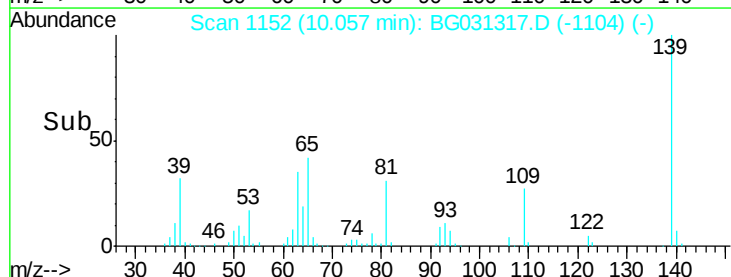
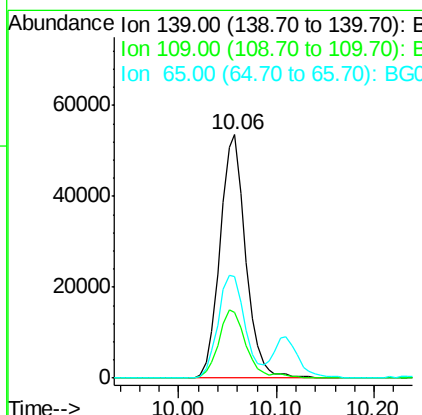
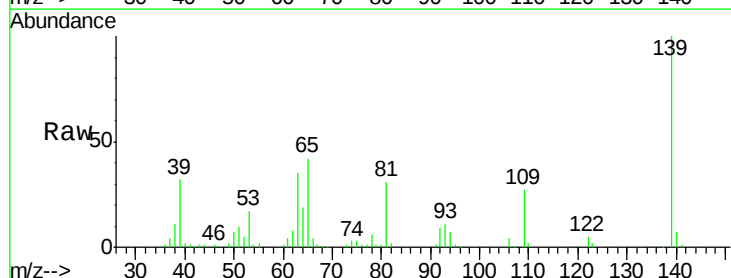
Tgt Ion: 139 Resp: 97442

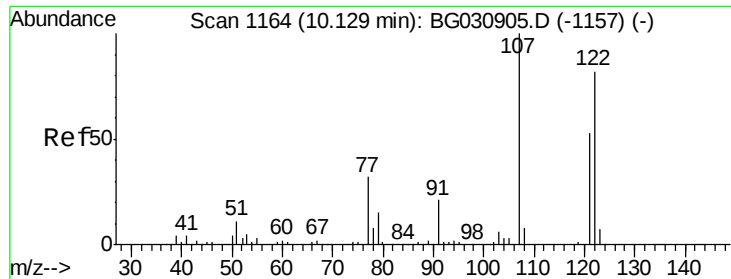
Ion Ratio Lower Upper

139 100

109 27.1 24.2 36.2

65 41.7 47.4 71.0#

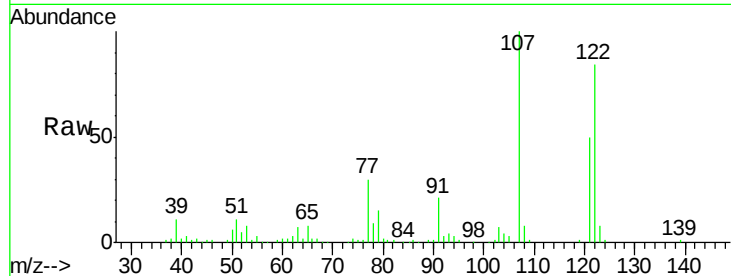




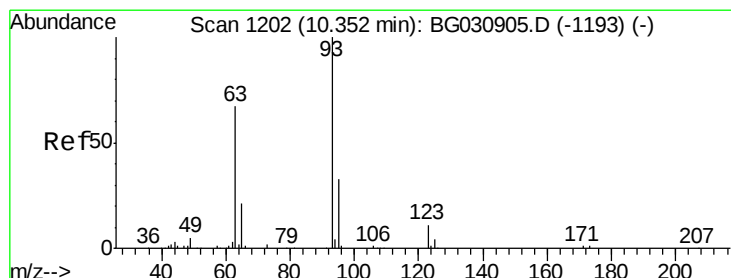
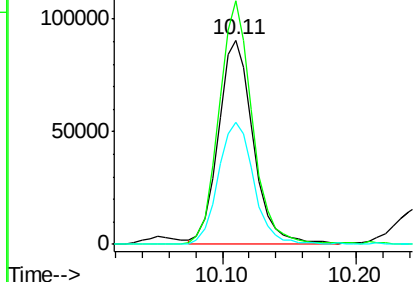
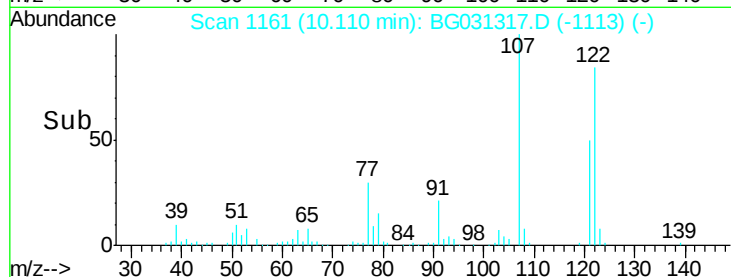
#27
 2,4-Dimethylphenol
 Concen: 44.04 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

Tot Ion:122 Resp: 163523
 Ion Ratio Lower Upper
 122 100
 107 119.4 100.2 150.2
 121 59.8 44.4 66.6

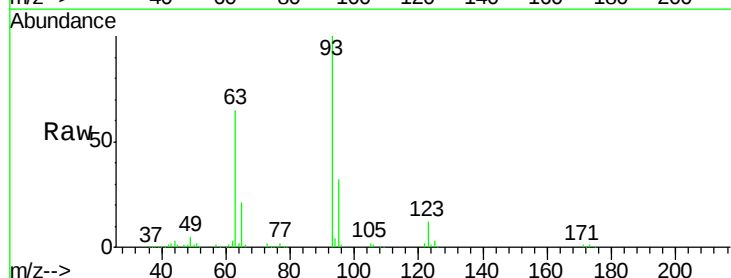


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

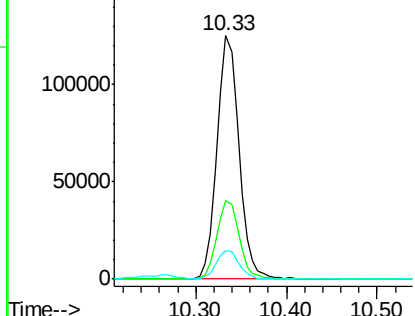
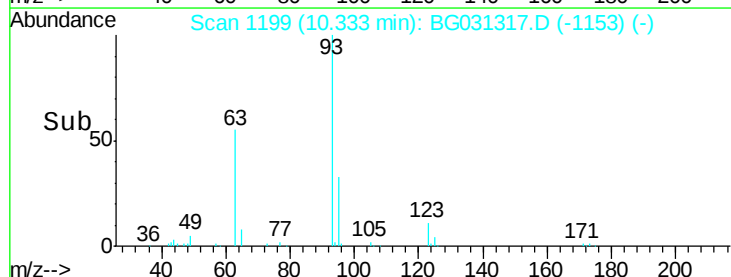


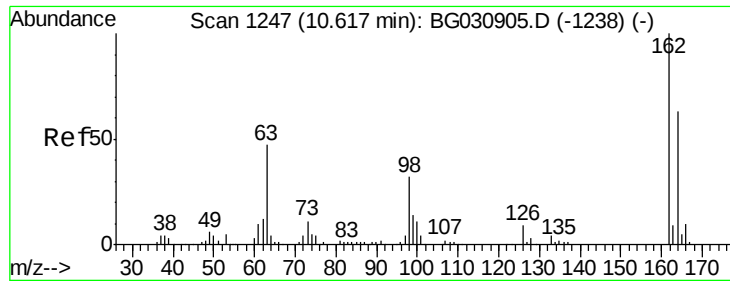
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.55 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.03 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion: 93 Resp: 210837
 Ion Ratio Lower Upper
 93 100
 95 32.4 24.3 36.5
 123 11.7 8.4 12.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

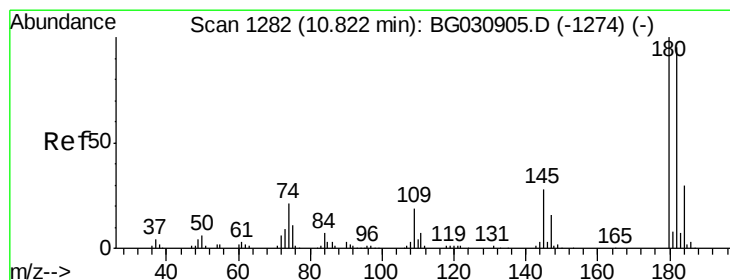
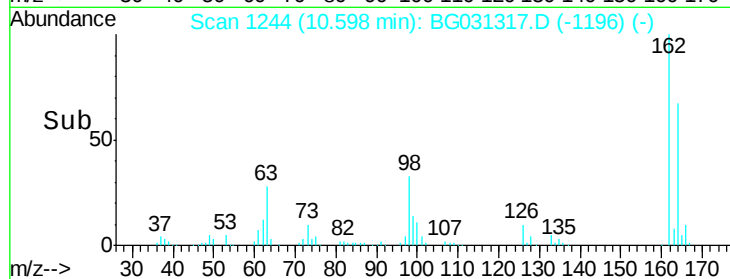
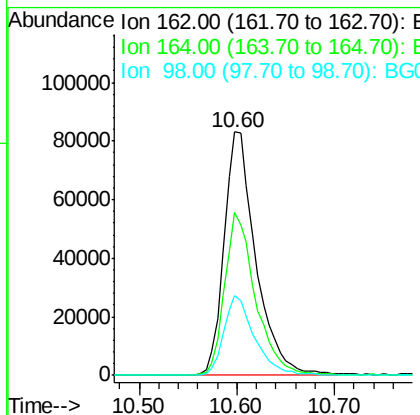
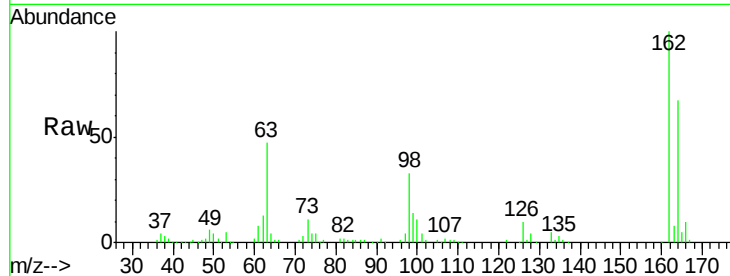




#29
 2,4-Dichlorophenol
 Concen: 42.14 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

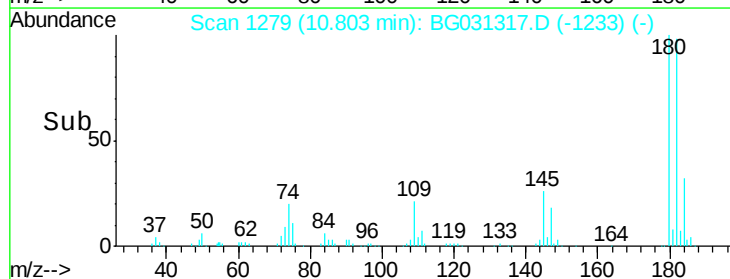
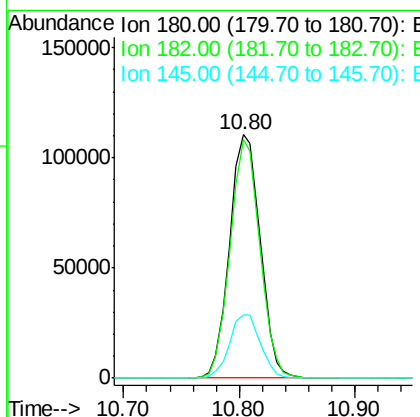
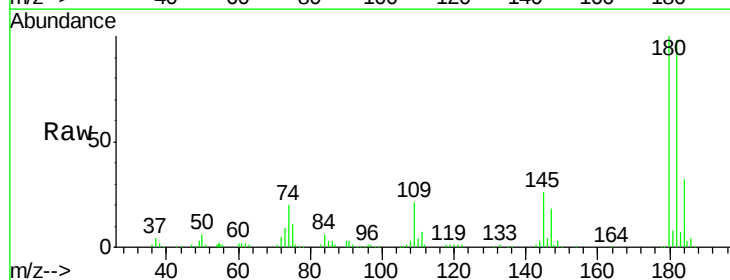
Instrument :
 BNA_G
 ClientSampled :
 PB104639BS

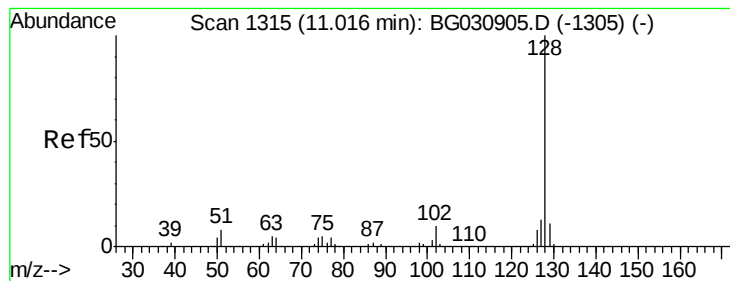
Tot Ion:162 Resp: 187876
 Ion Ratio Lower Upper
 162 100
 164 66.9 48.0 88.0
 98 32.7 21.1 61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.20 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion:180 Resp: 203343
 Ion Ratio Lower Upper
 180 100
 182 98.0 77.5 116.3
 145 25.9 23.4 35.2





#31

Naphthalene

Concen: 36.83 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

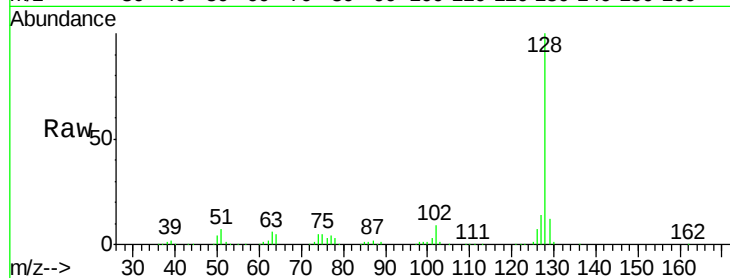
Tot Ion:128 Resp: 503862

Ion Ratio Lower Upper

128 100

129 11.6 8.6 12.8

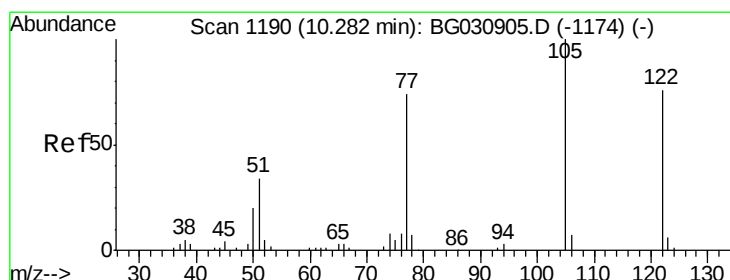
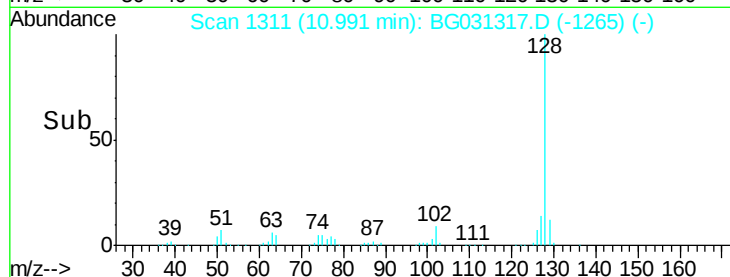
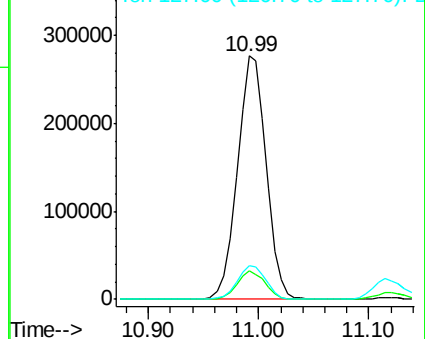
127 13.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.21 ng

RT: 10.26 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

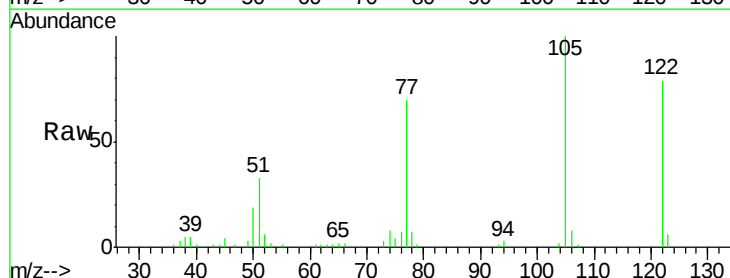
Tgt Ion:122 Resp: 72020

Ion Ratio Lower Upper

122 100

105 127.2 123.5 163.5

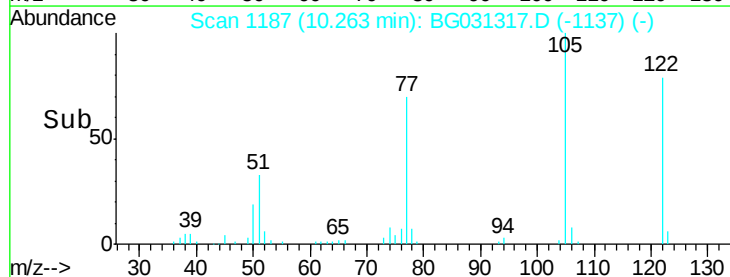
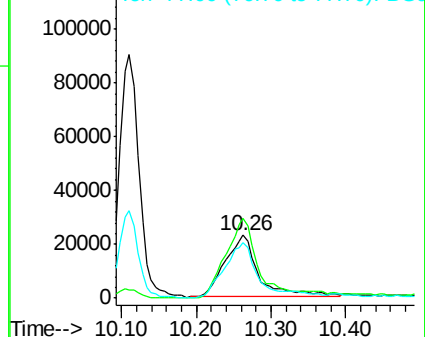
77 88.7 85.7 125.7

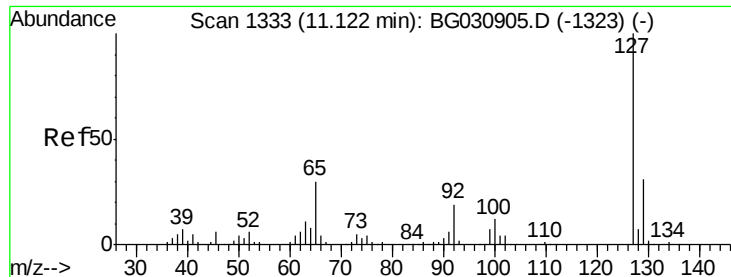


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

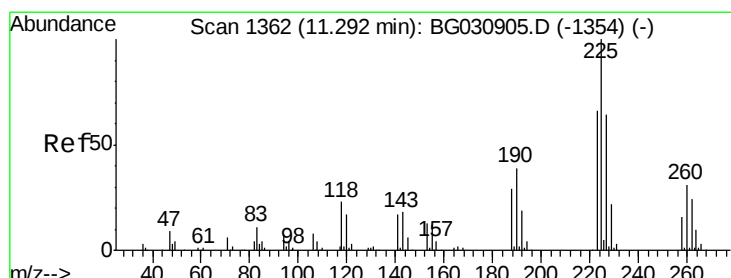
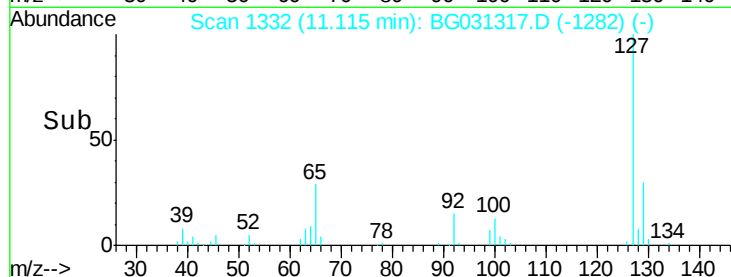
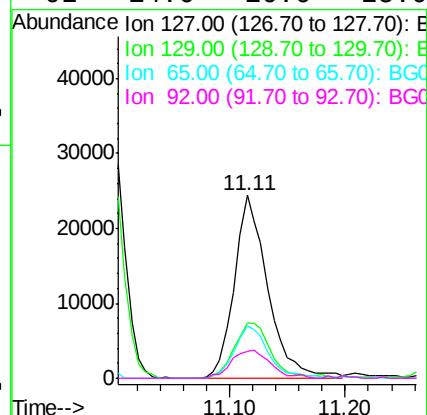
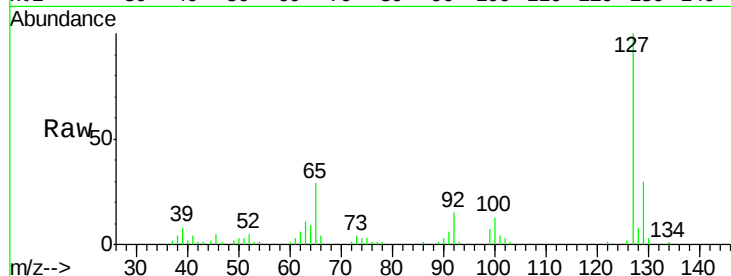




#33
4-Chloroaniline
Concen: 8.20 ng
RT: 11.11 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

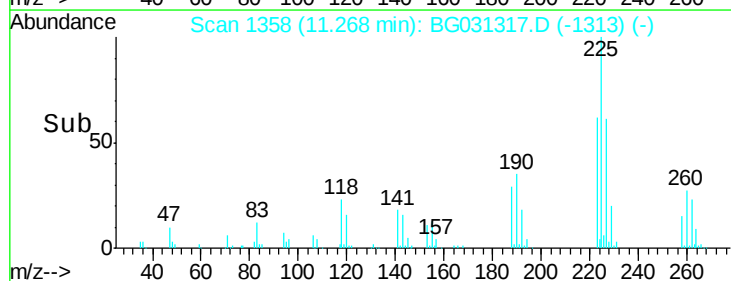
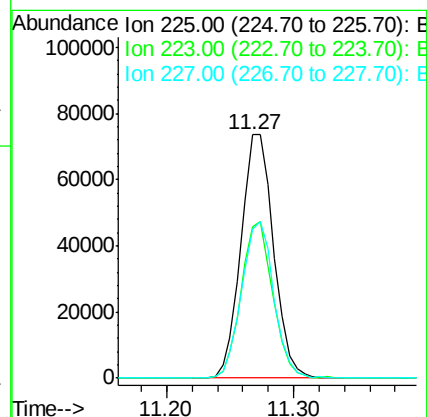
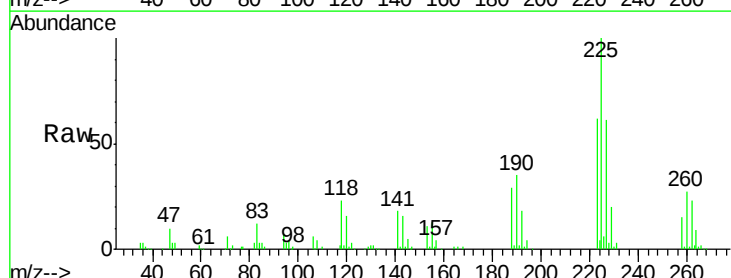
Instrument :
BNA_G
ClientSampleId :
PB104639BS

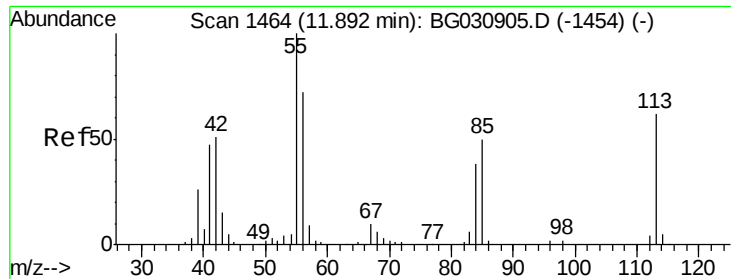
Tot Ion:127 Resp: 49084
Ion Ratio Lower Upper
127 100
129 30.4 24.0 36.0
65 28.7 27.0 40.4
92 14.6 16.6 25.0#



#34
Hexachlorobutadiene
Concen: 35.57 ng
RT: 11.27 min Scan# 1358
Delta R.T. -0.03 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:225 Resp: 131300
Ion Ratio Lower Upper
225 100
223 62.0 49.7 74.5
227 61.1 48.1 72.1

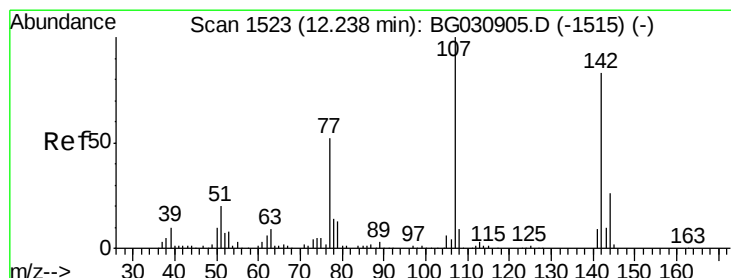
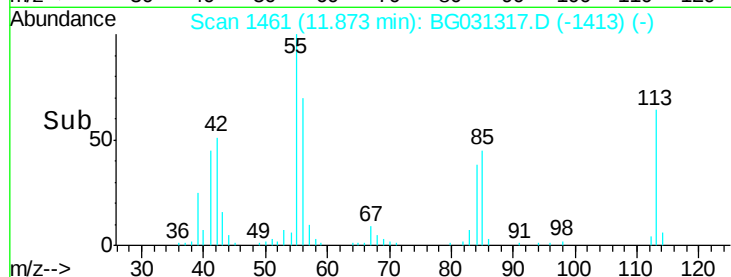
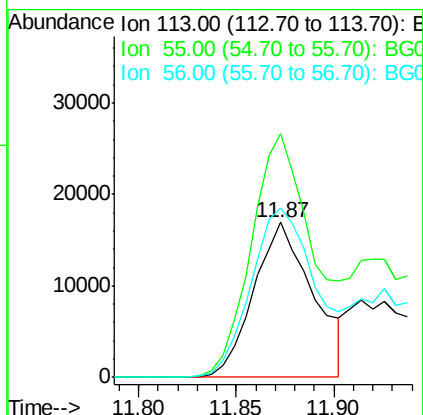
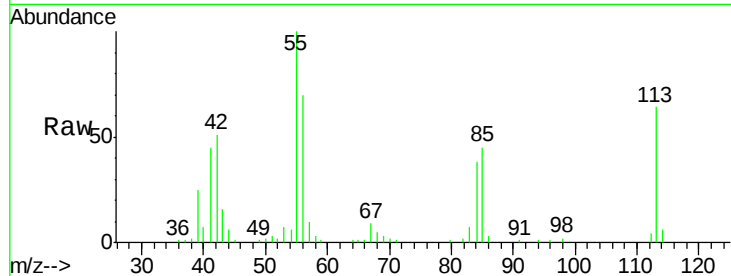




#35
 Caprolactam
 Concen: 19.55 ng
 RT: 11.87 min Scan# 1461
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

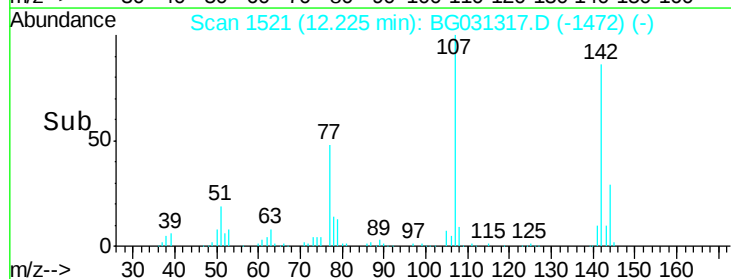
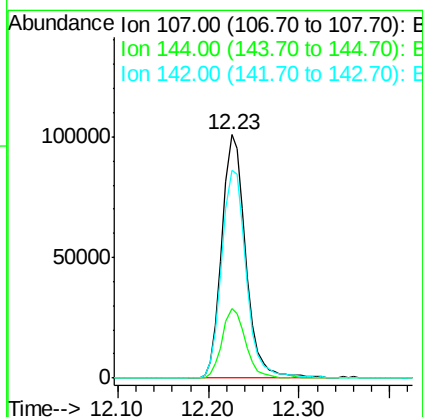
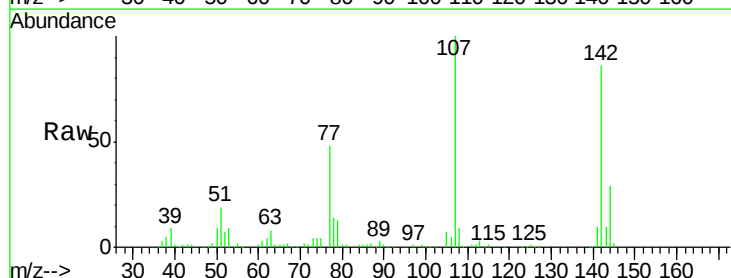
Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

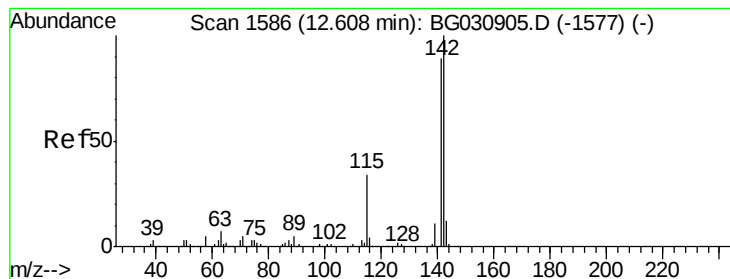
Tot Ion:113 Resp: 35609
 Ion Ratio Lower Upper
 113 100
 55 157.2 186.9 226.9#
 56 109.4 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 38.04 ng
 RT: 12.23 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion:107 Resp: 184586
 Ion Ratio Lower Upper
 107 100
 144 28.8 18.2 27.4#
 142 85.5 59.0 88.4





#37

2-Methylnaphthalene

Concen: 37.94 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

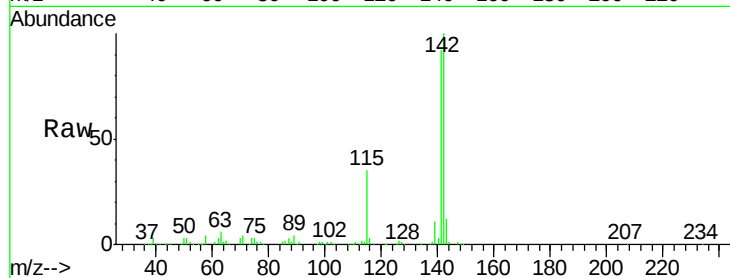
Tot Ion:142 Resp: 400665

Ion Ratio Lower Upper

142 100

141 92.1 67.1 100.7

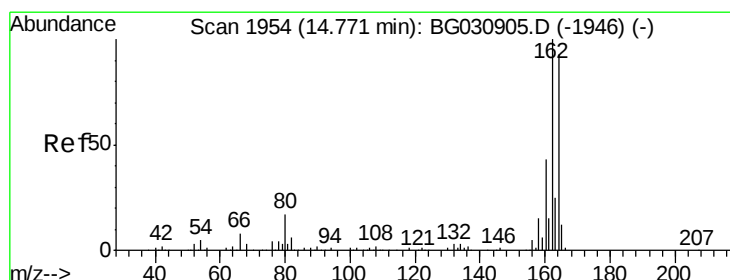
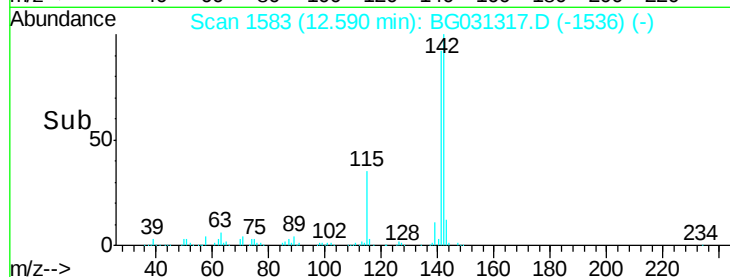
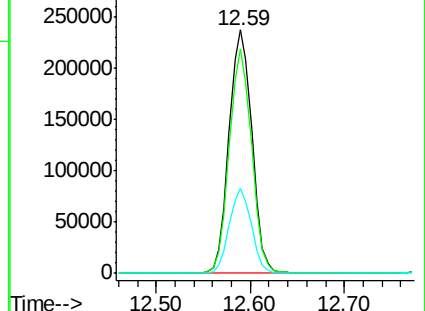
115 35.1 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

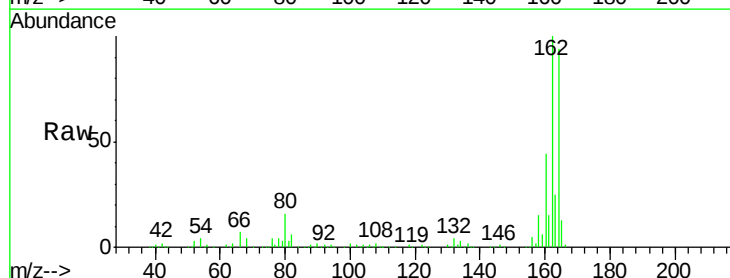
Tgt Ion:164 Resp: 184830

Ion Ratio Lower Upper

164 100

162 105.9 78.8 118.2

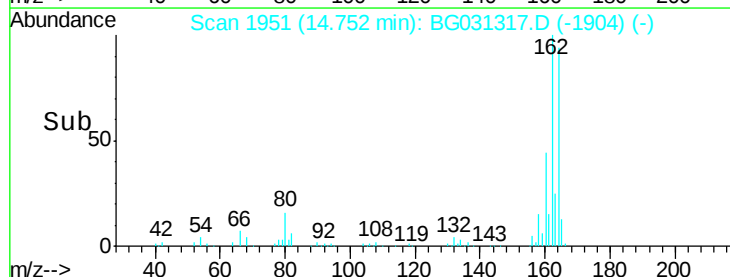
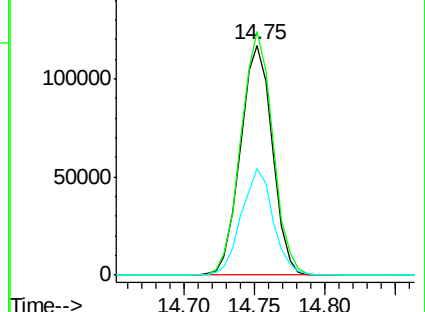
160 46.5 35.4 53.0

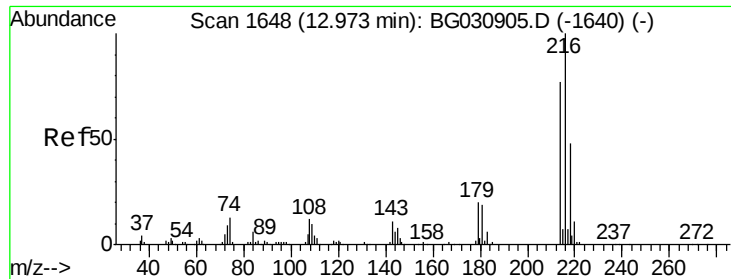


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.13 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

Tot Ion:216 Resp: 243031

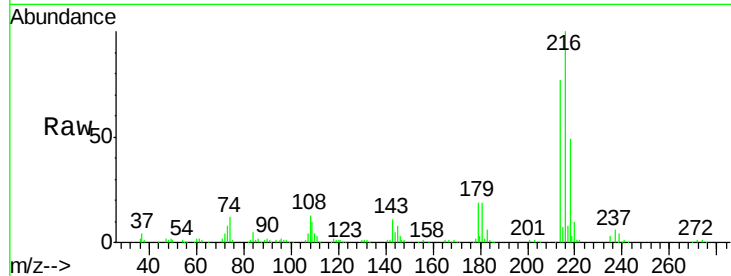
Ion Ratio Lower Upper

216 100

214 77.5 63.0 94.4

179 18.5 17.0 25.6

108 13.8 12.8 19.2

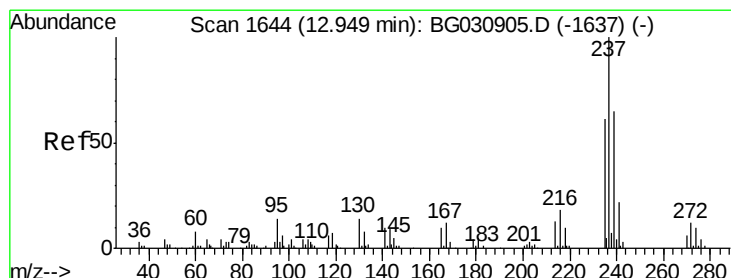
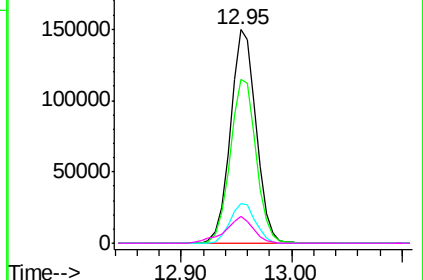
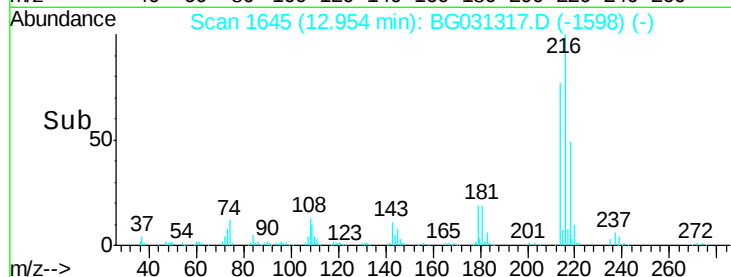


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.21 ng

RT: 12.93 min Scan# 1641

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

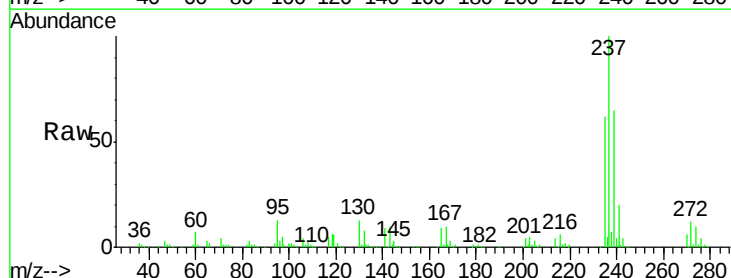
Tgt Ion:237 Resp: 211458

Ion Ratio Lower Upper

237 100

235 62.2 50.4 90.4

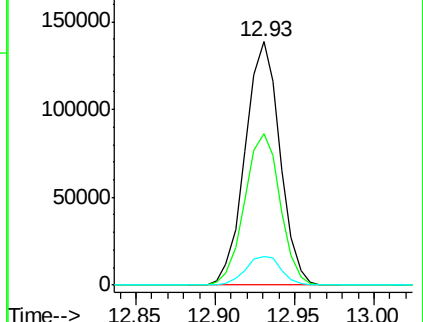
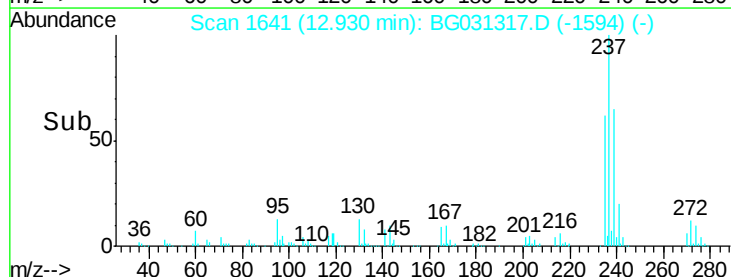
272 11.6 0.0 31.8

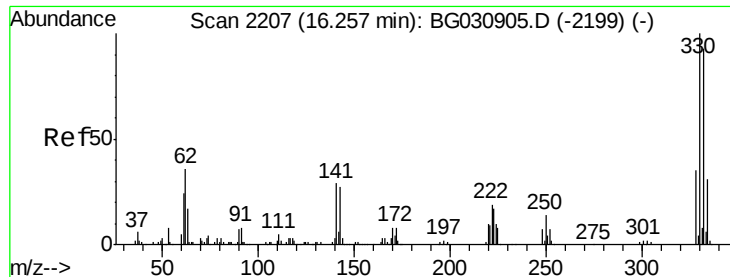


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

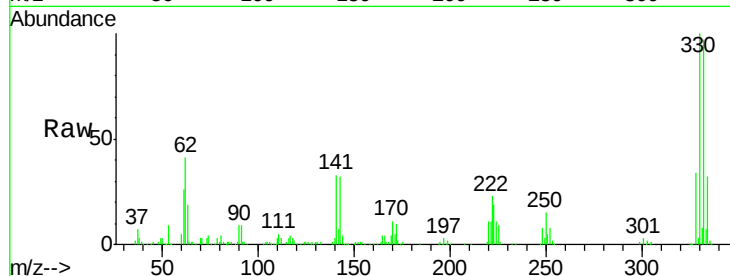




#41
 2,4,6-Tribromophenol
 Concen: 96.38 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.7	25.2	37.8

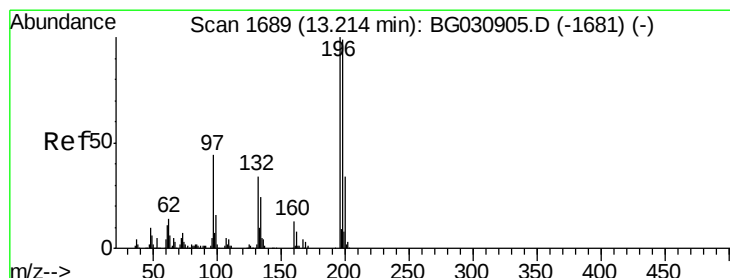
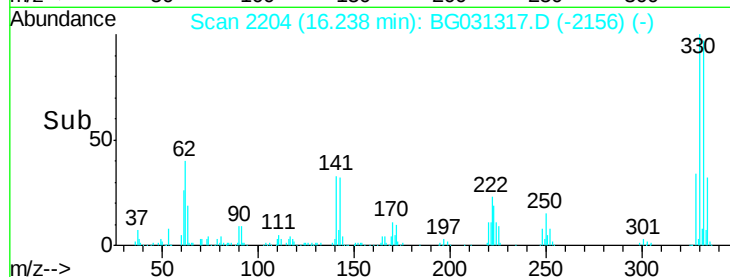
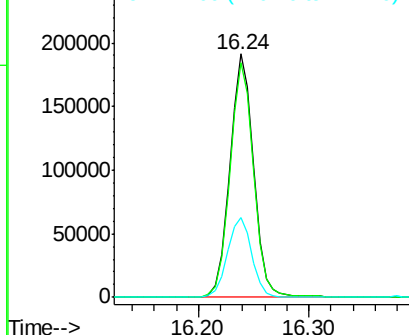


Abundance

Ion 329.80 (329.50 to 330.50): E

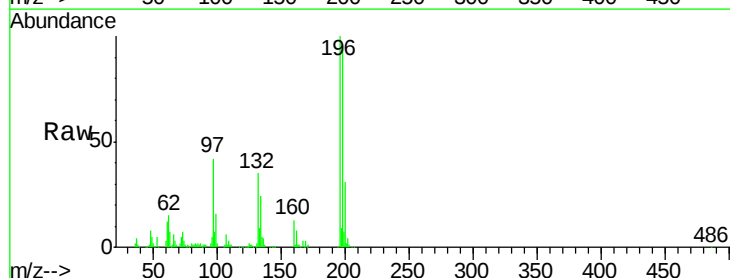
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 39.52 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	78.2	117.2
200	30.6	24.6	36.8

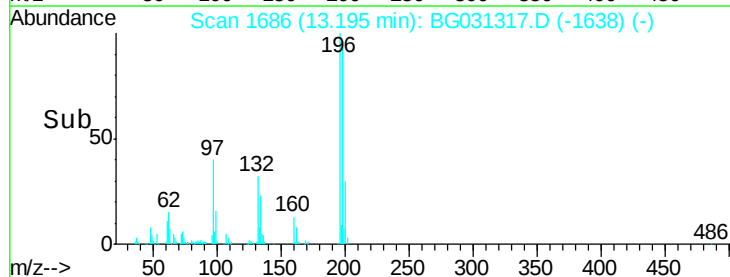
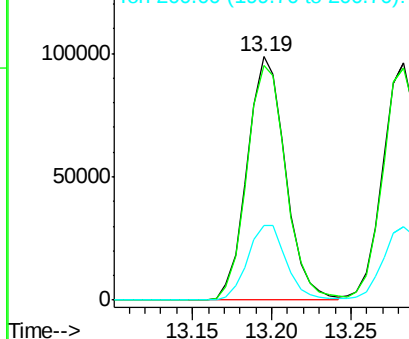


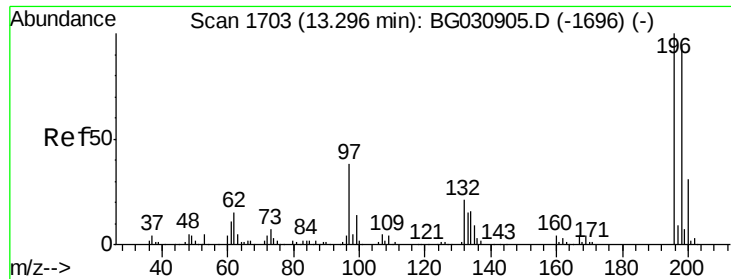
Abundance

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

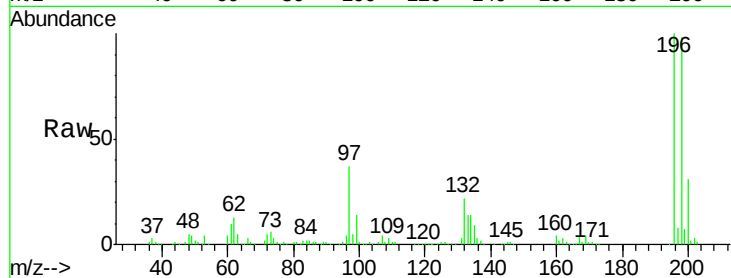




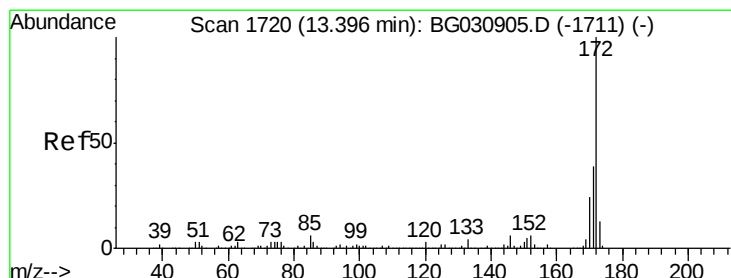
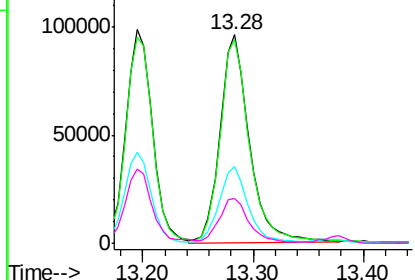
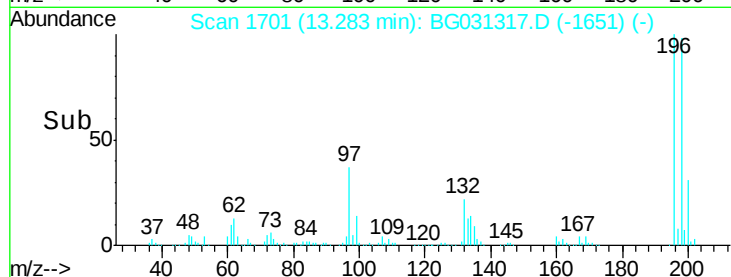
#43
 2,4,5-Trichlorophenol
 Concen: 38.51 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

Tot Ion	196	Resp	176688
Ion Ratio	Lower	Upper	
196	100		
198	97.9	76.2	114.4
97	36.8	38.7	58.1
132	21.5	20.2	30.2

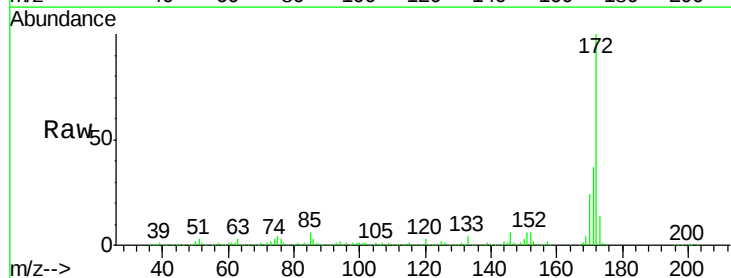


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

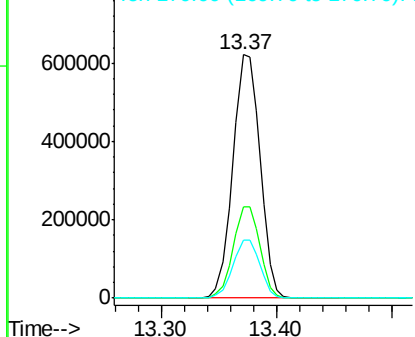
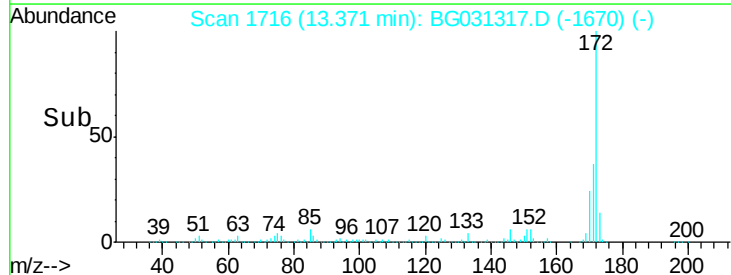


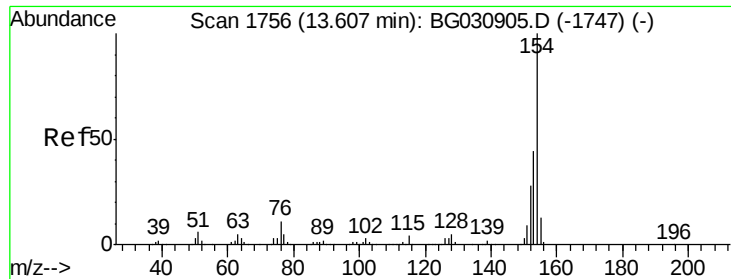
#44
 2-Fluorobiphenyl
 Concen: 78.72 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion	172	Resp	1012605
Ion Ratio	Lower	Upper	
172	100		
171	37.3	30.0	45.0
170	24.0	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

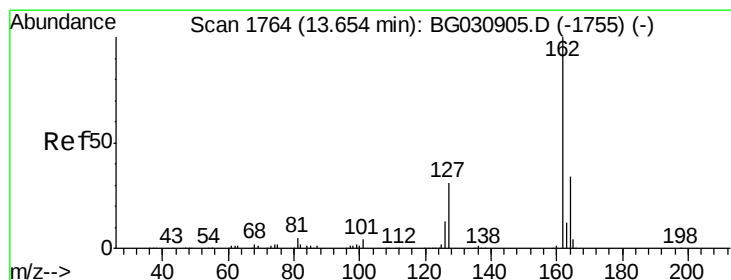
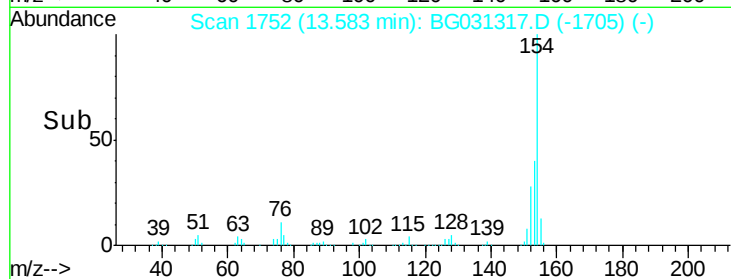
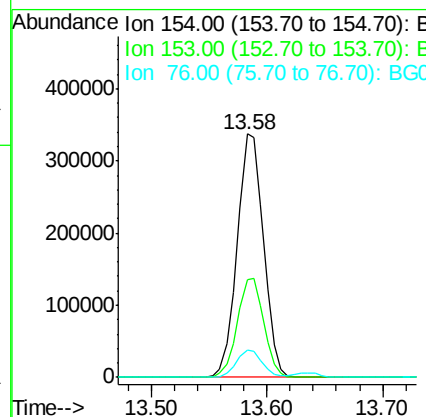
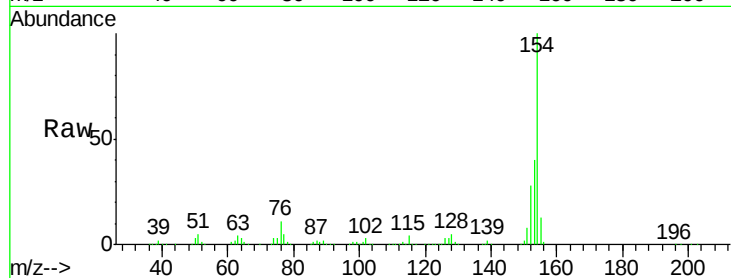




#45
 1,1'-Biphenyl
 Concen: 34.64 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

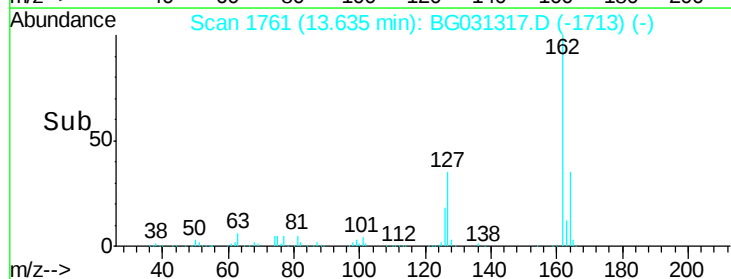
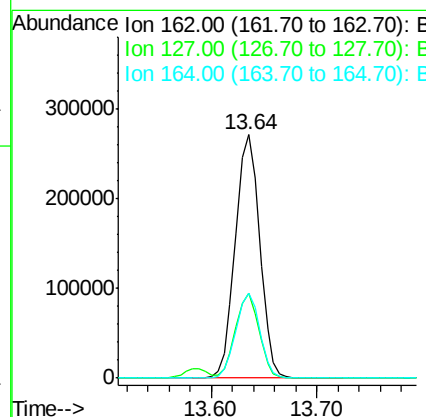
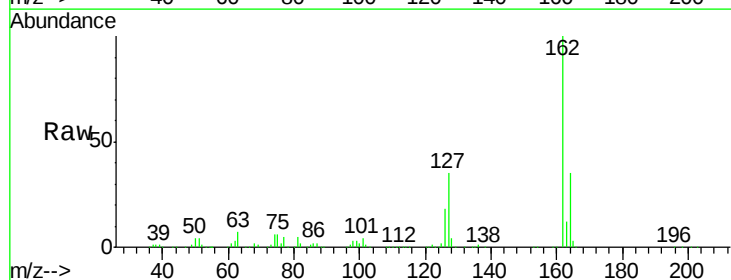
Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

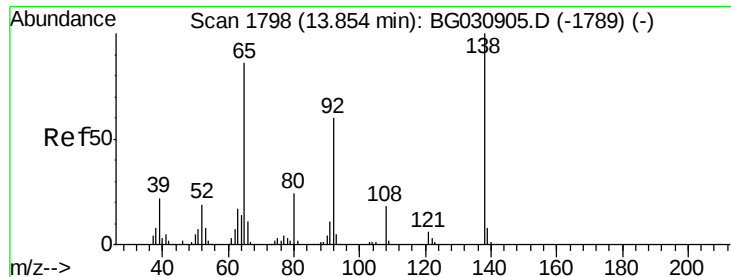
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.8	59.8
76	11.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 39.11 ng
 RT: 13.64 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.1	30.7	46.1
164	34.6	26.0	39.0





#47

2-Nitroaniline

Concen: 35.50 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

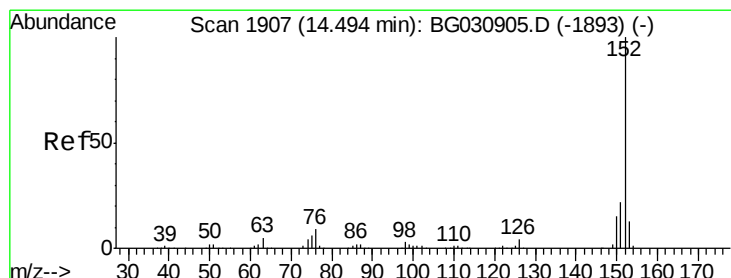
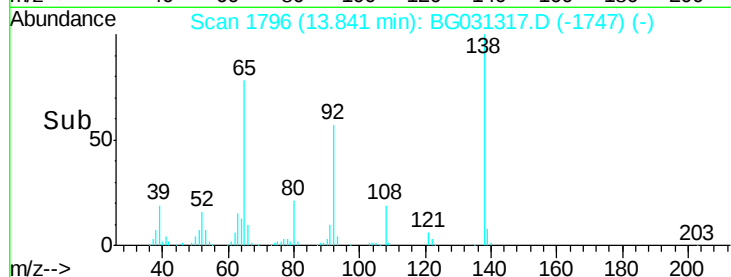
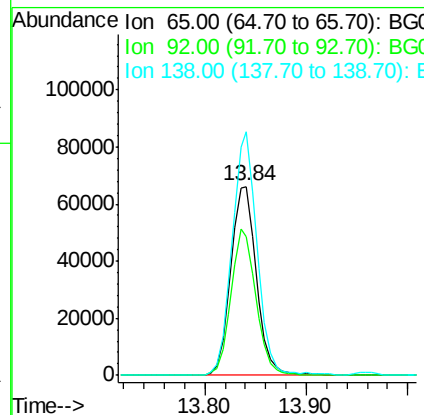
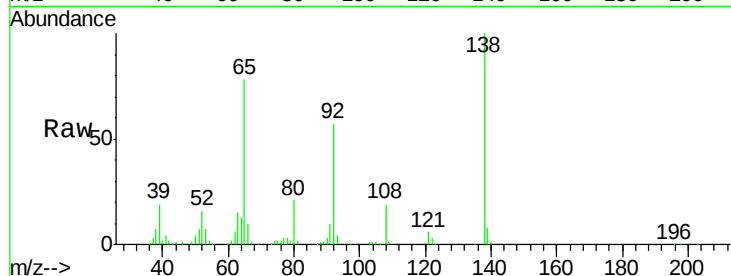
Tot Ion: 65 Resp: 116349

Ion Ratio Lower Upper

65 100

92 73.8 54.6 82.0

138 129.0 72.9 109.3#



#48

Acenaphthylene

Concen: 36.60 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

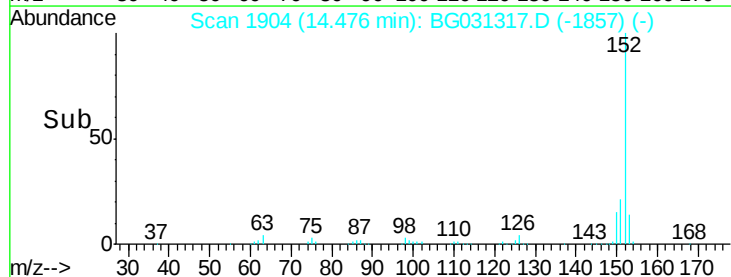
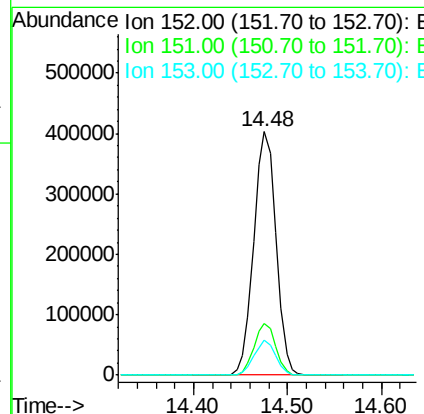
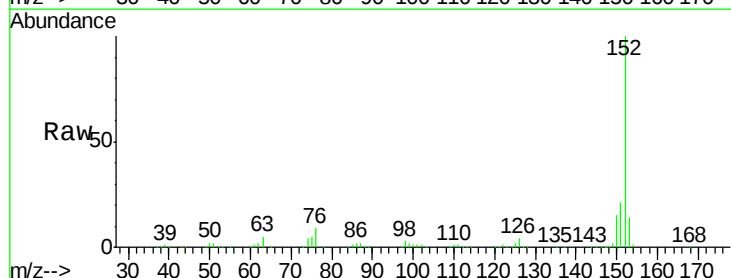
Tgt Ion: 152 Resp: 662356

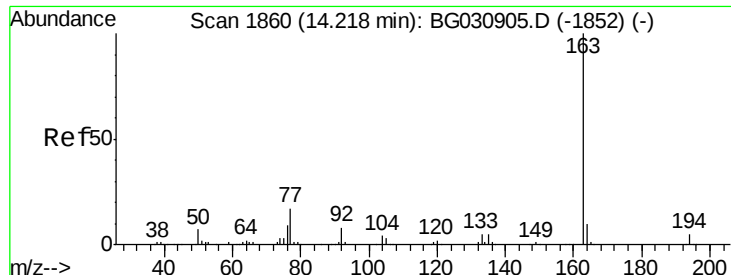
Ion Ratio Lower Upper

152 100

151 21.3 17.2 25.8

153 14.2 10.2 15.4





#49

Dimethylphthalate

Concen: 36.52 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

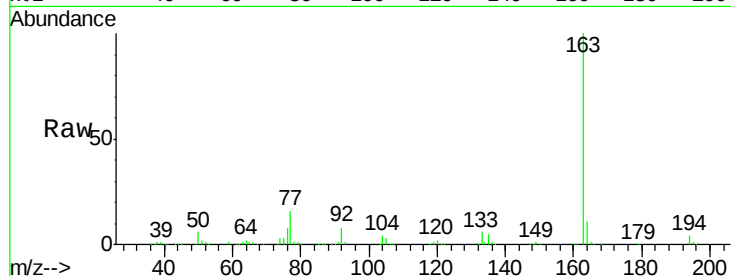
Tot Ion:163 Resp: 583631

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

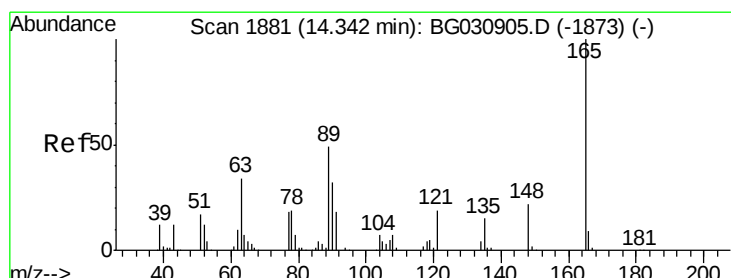
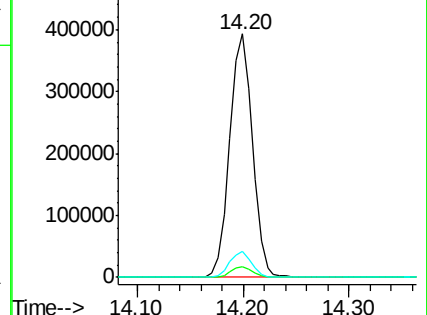
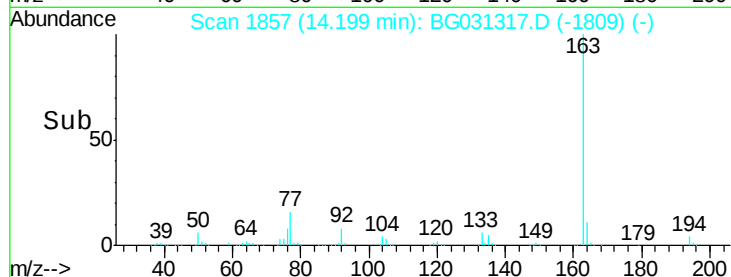
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.32 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

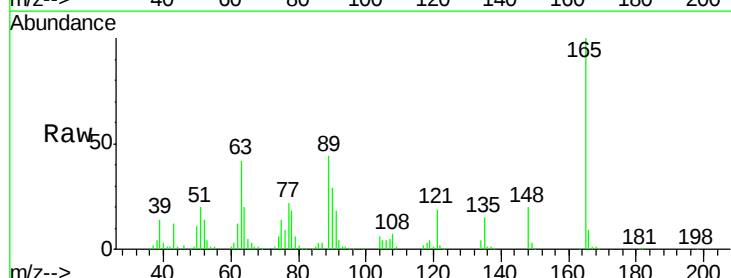
Tgt Ion:165 Resp: 132797

Ion Ratio Lower Upper

165 100

63 41.7 52.7 79.1#

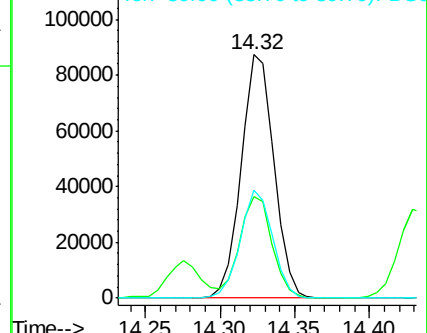
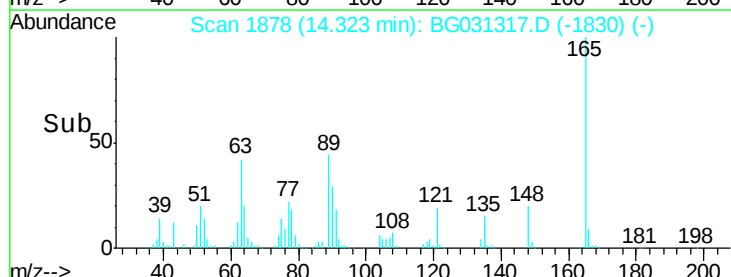
89 44.2 49.2 73.8#

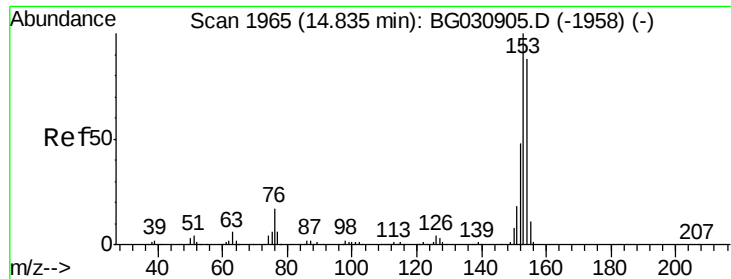


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 36.44 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

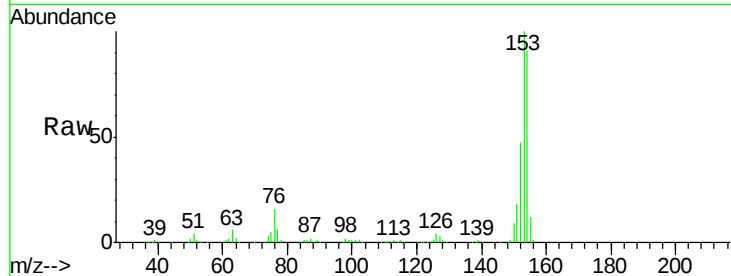
Tot Ion:154 Resp: 411951

Ion Ratio Lower Upper

154 100

153 110.2 90.4 135.6

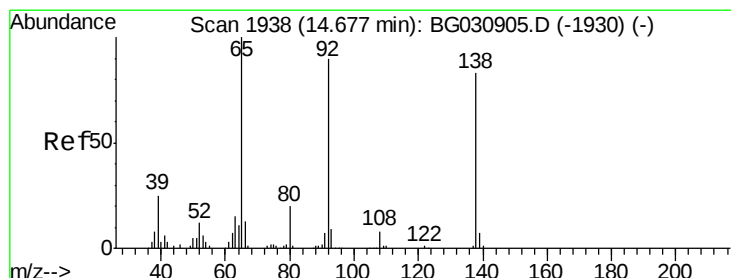
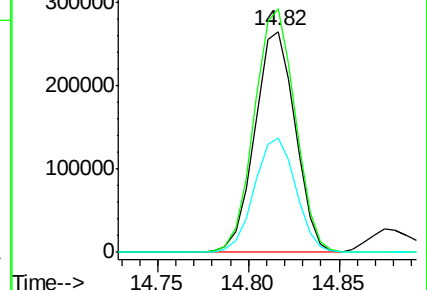
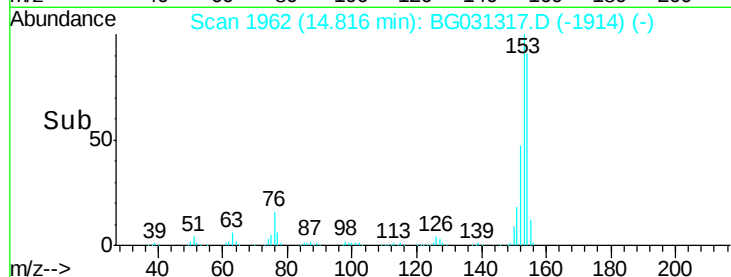
152 51.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 12.76 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

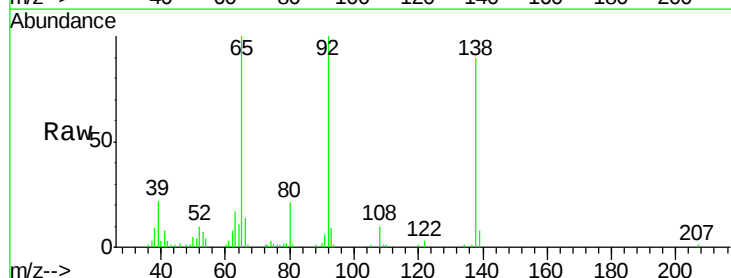
Tgt Ion:138 Resp: 44645

Ion Ratio Lower Upper

138 100

108 10.8 17.5 26.3#

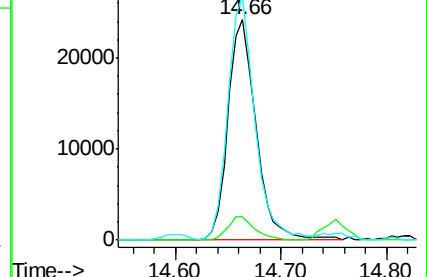
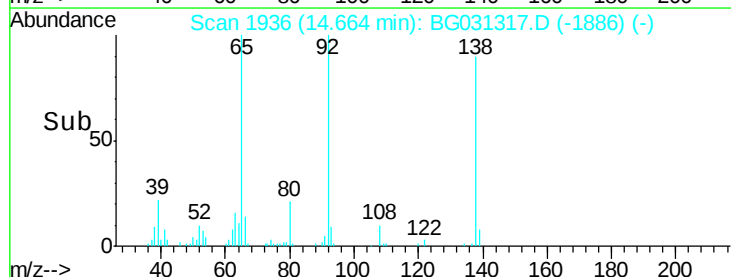
92 110.4 105.8 158.8

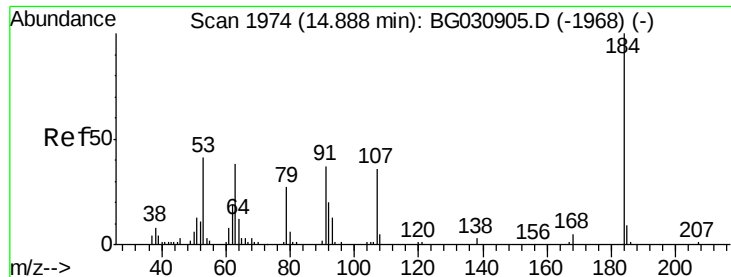


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

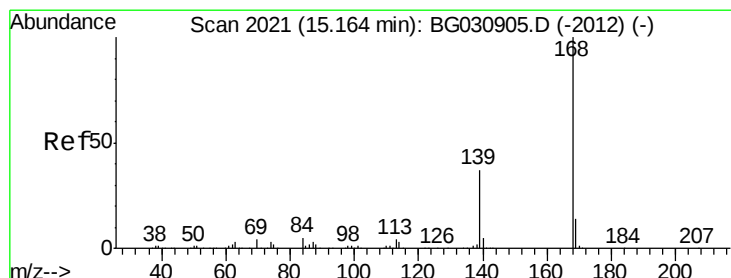
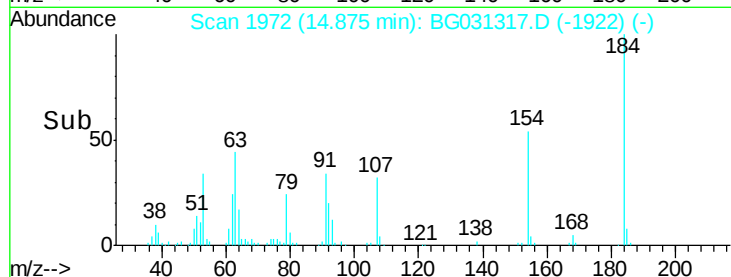
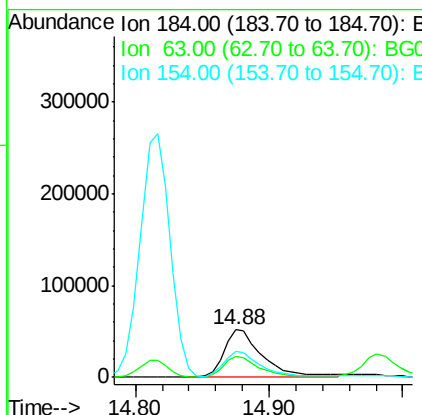
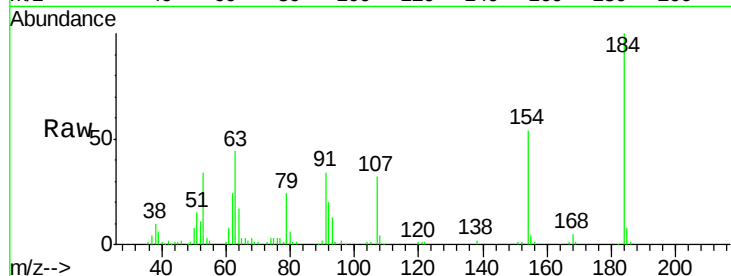




#53
2,4-Dinitrophenol
Concen: 59.45 ng
RT: 14.88 min Scan# 1972
Delta R.T. -0.00 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

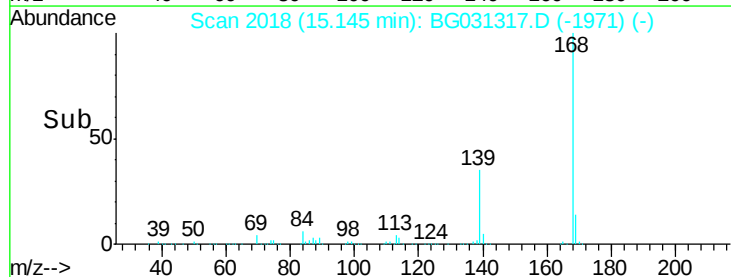
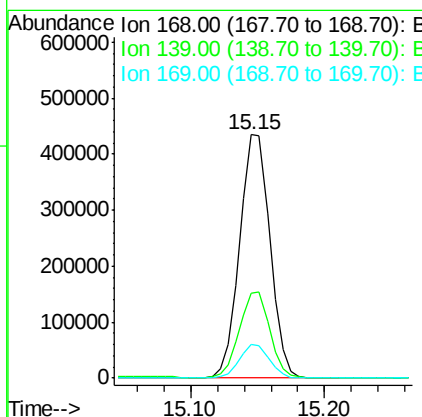
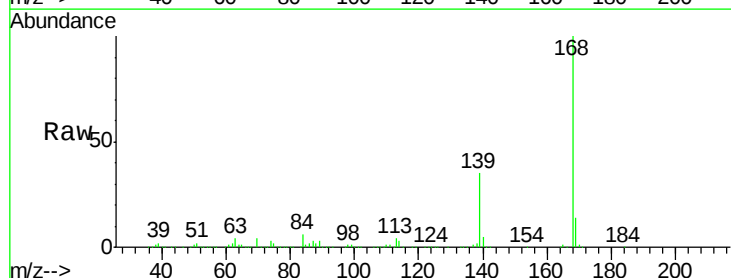
Instrument :
BNA_G
ClientSampleId :
PB104639BS

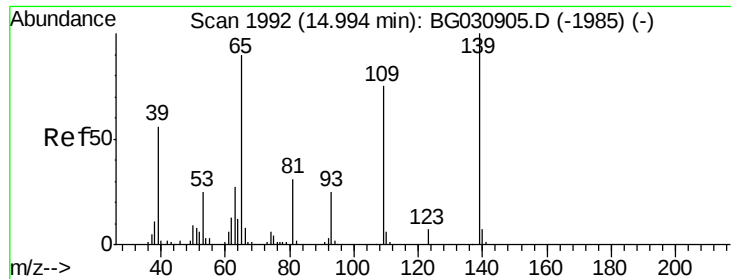
Tot Ion:184 Resp: 104789
Ion Ratio Lower Upper
184 100
63 44.3 59.8 89.8#
154 54.4 101.8 152.8#



#54
Dibenzofuran
Concen: 37.95 ng
RT: 15.15 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:168 Resp: 683319
Ion Ratio Lower Upper
168 100
139 34.6 28.6 43.0
169 13.8 11.2 16.8





#55

4-Nitrophenol

Concen: 75.01 ng

RT: 14.98 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

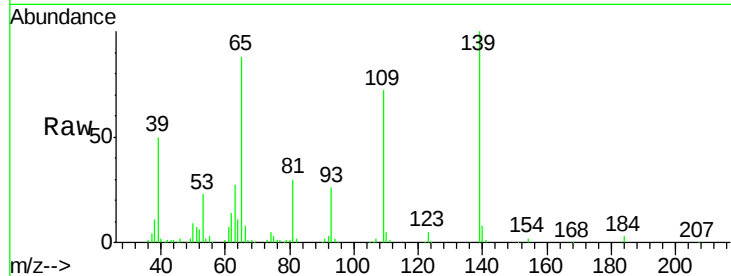
Tot Ion:139 Resp: 186882

Ion Ratio Lower Upper

139 100

109 71.9 62.2 102.2

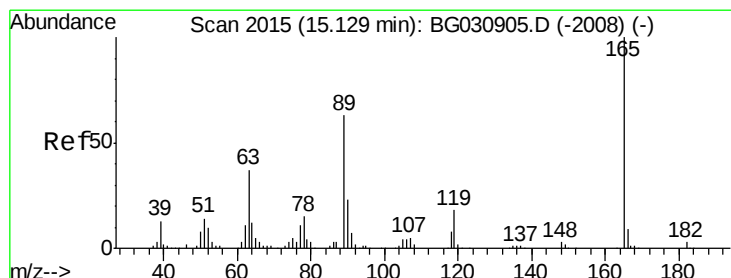
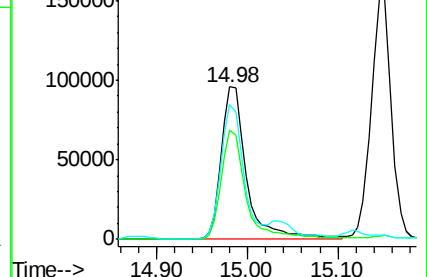
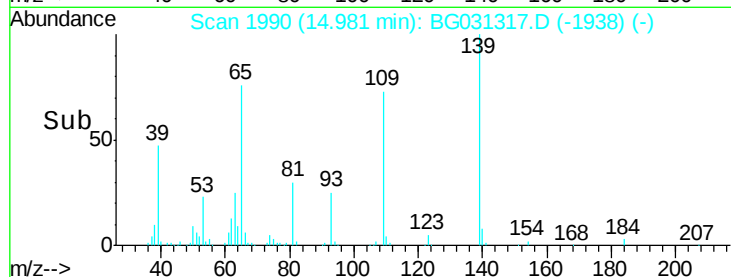
65 88.1 97.2 137.2#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 39.97 ng

RT: 15.12 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Tgt Ion:165 Resp: 190349

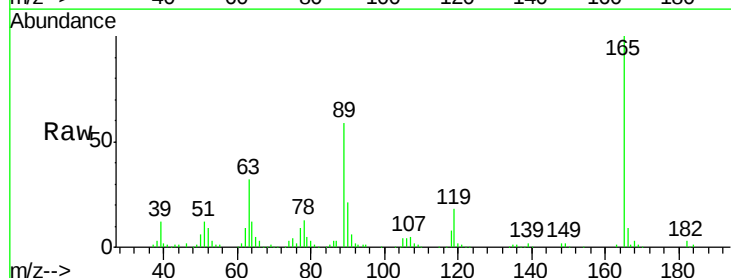
Ion Ratio Lower Upper

165 100

63 32.2 42.0 63.0#

89 58.8 66.9 100.3#

182 3.1 2.6 3.8

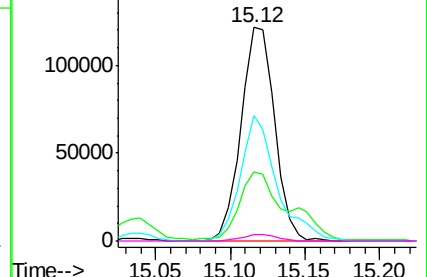
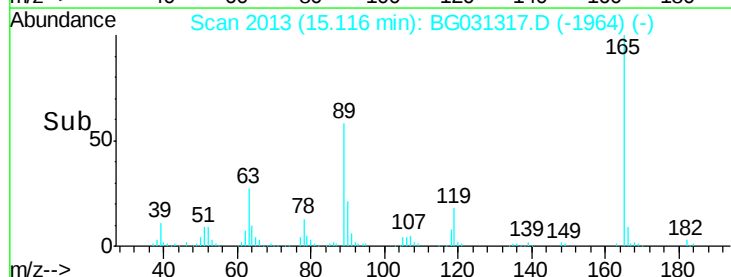


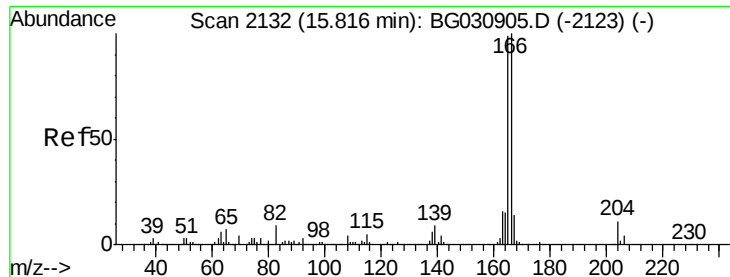
Abundance Ion 165.00 (164.70 to 165.70): E

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: 37.71 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

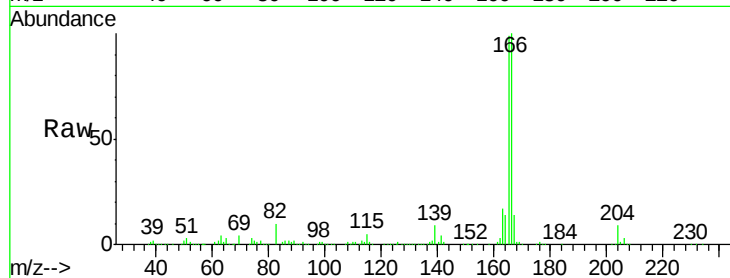
Tot Ion:166 Resp: 551203

Ion Ratio Lower Upper

166 100

165 98.5 80.6 121.0

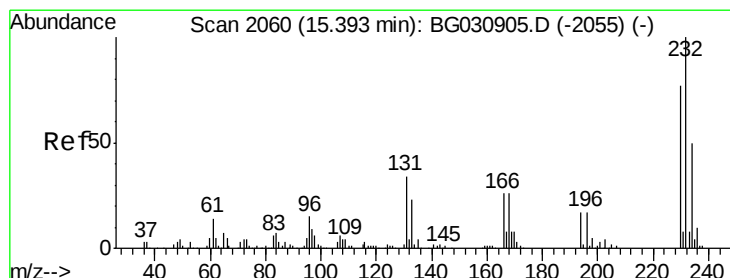
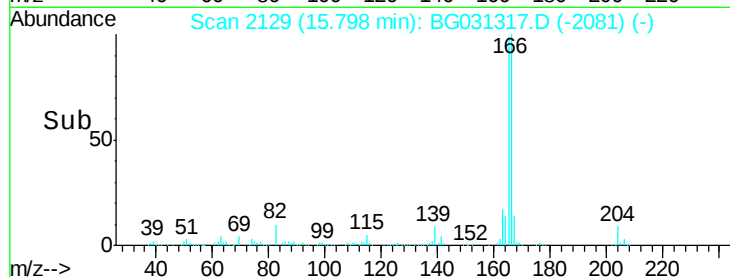
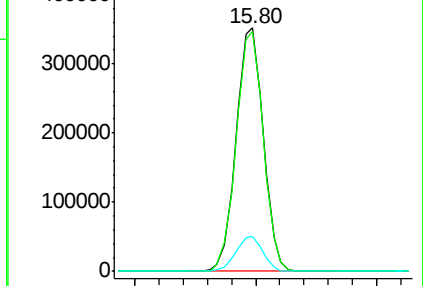
167 14.3 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.94 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Tgt Ion:232 Resp: 179030

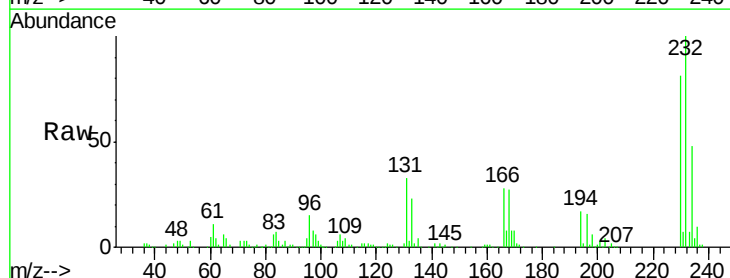
Ion Ratio Lower Upper

232 100

131 32.7 33.5 50.3#

130 2.0 2.2 3.2#

166 26.5 24.8 37.2

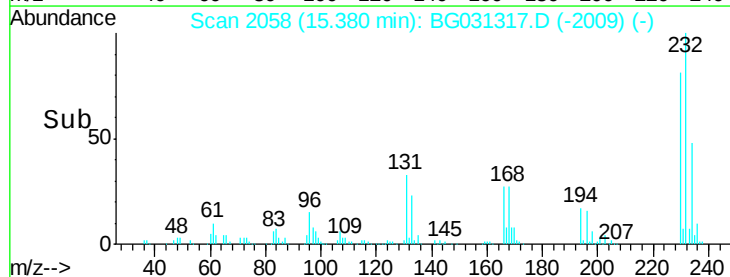
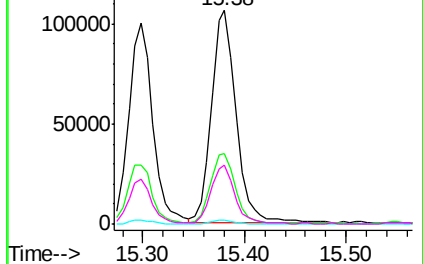


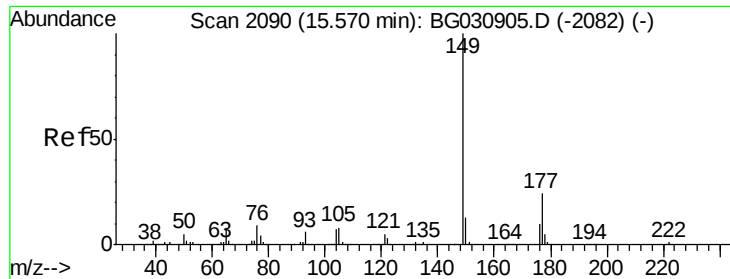
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

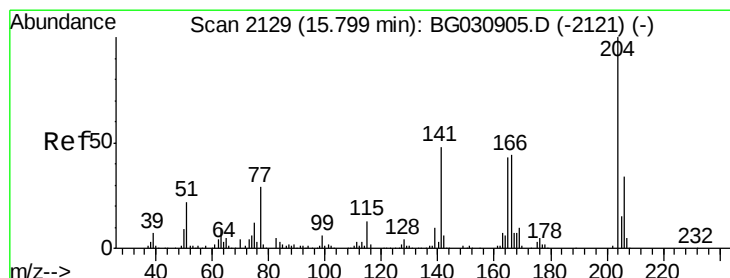
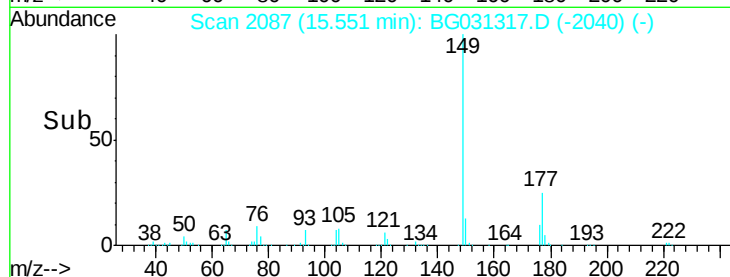
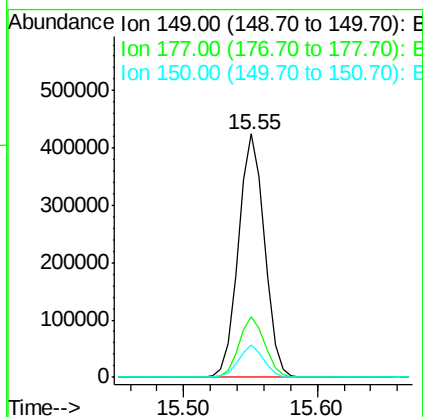
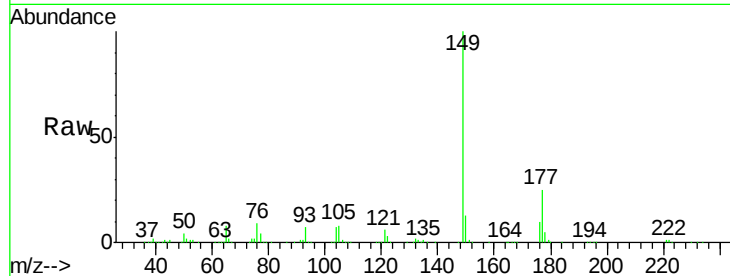




#59
Diethylphthalate
Concen: 35.23 ng
RT: 15.55 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

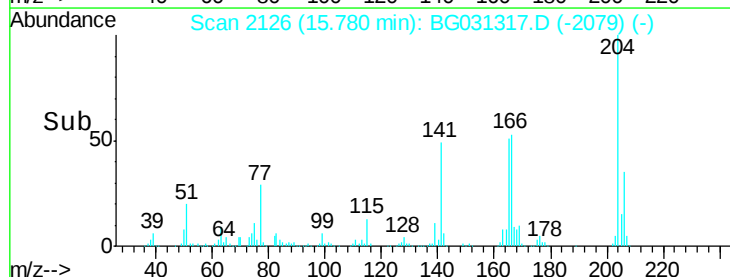
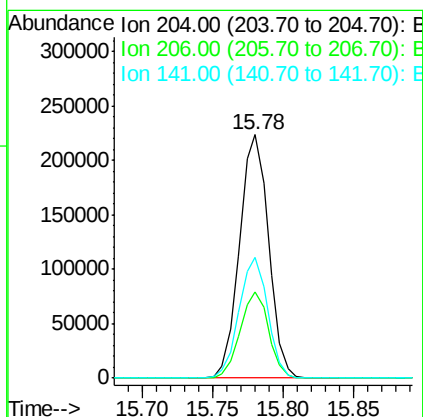
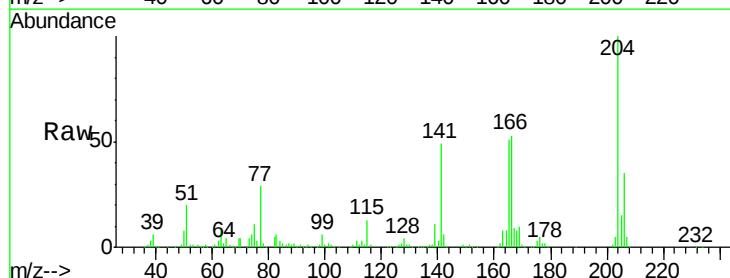
Instrument :
BNA_G
ClientSampleId :
PB104639BS

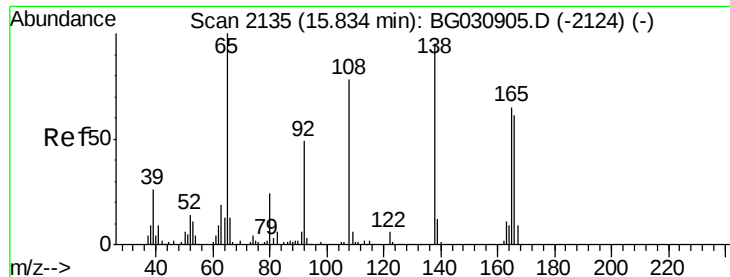
Tot Ion:149 Resp: 571871
Ion Ratio Lower Upper
149 100
177 24.8 18.5 27.7
150 13.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.45 ng
RT: 15.78 min Scan# 2126
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:204 Resp: 321822
Ion Ratio Lower Upper
204 100
206 35.2 26.2 39.2
141 49.3 45.8 68.6





#61

4-Nitroaniline

Concen: 34.72 ng

RT: 15.82 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

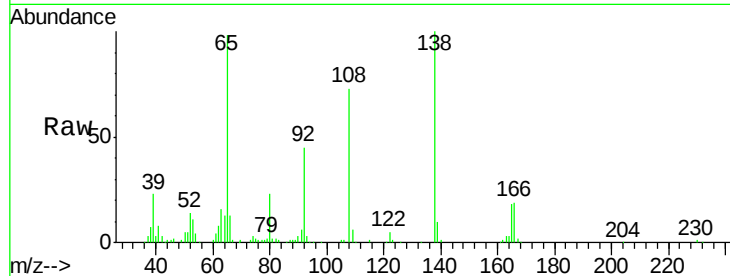
Tot Ion:138 Resp: 128606

Ion Ratio Lower Upper

138 100

92 44.8 40.1 80.1

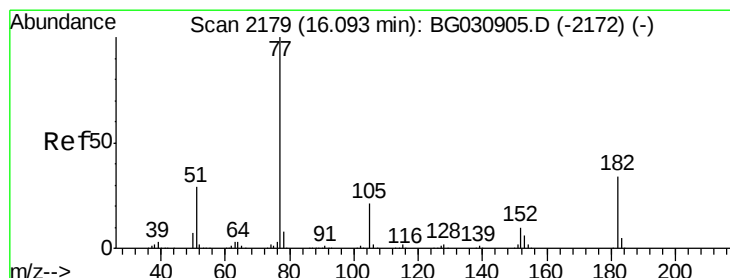
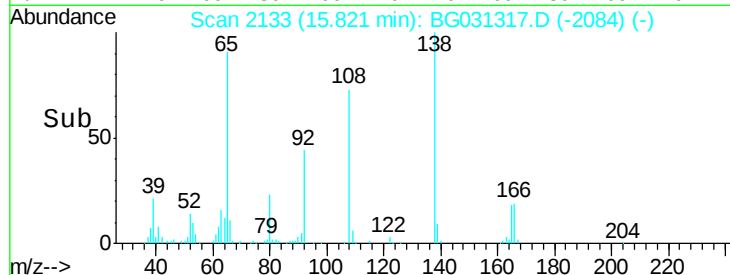
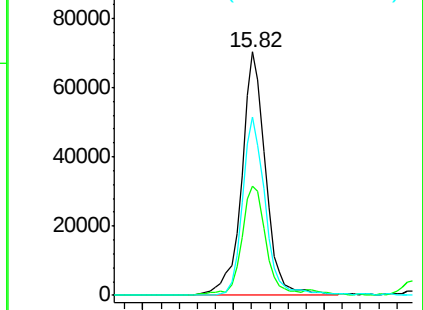
108 73.4 65.4 105.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 37.04 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Tgt Ion: 77 Resp: 458609

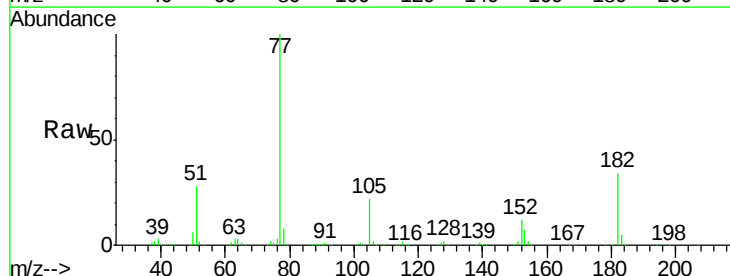
Ion Ratio Lower Upper

77 100

182 34.2 7.4 47.4

105 21.9 0.3 40.3

51 28.2 11.6 51.6

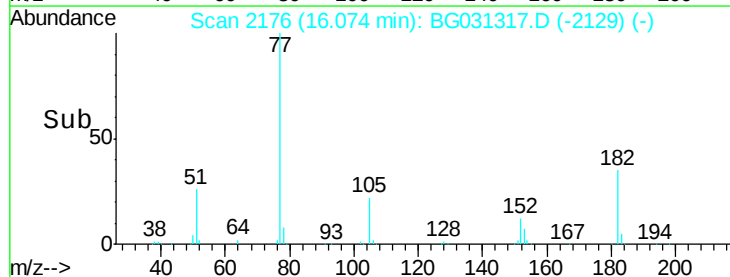
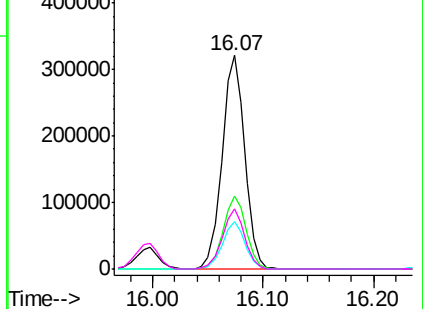


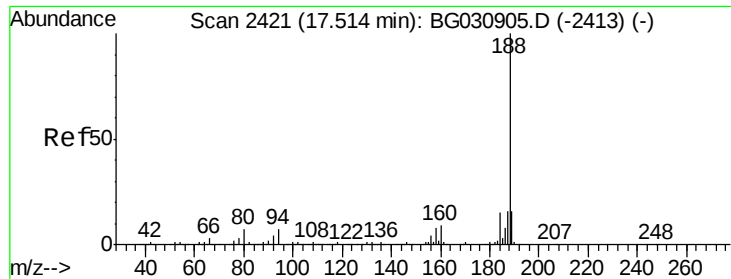
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC

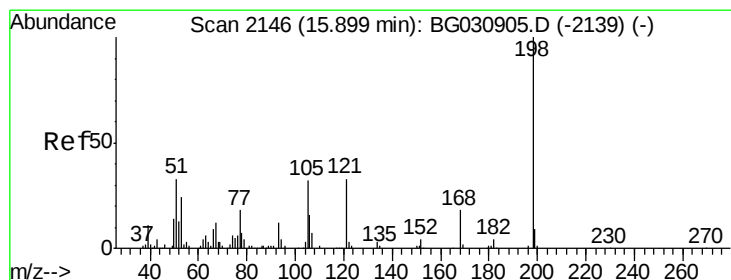
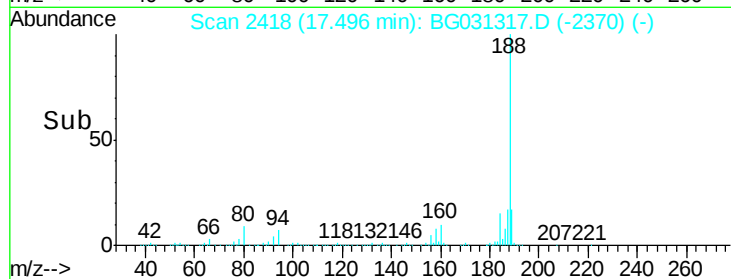
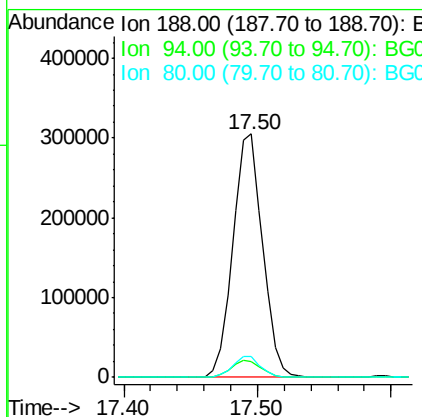
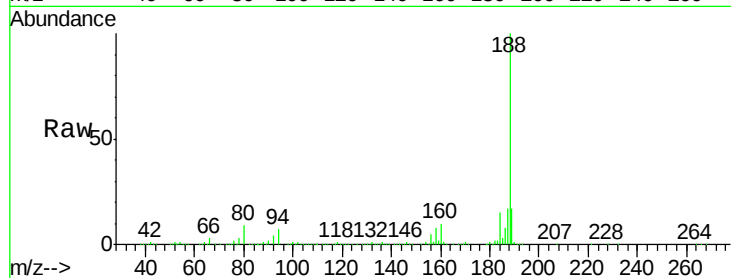




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.50 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

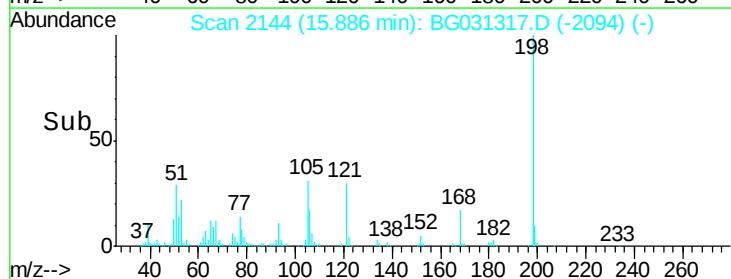
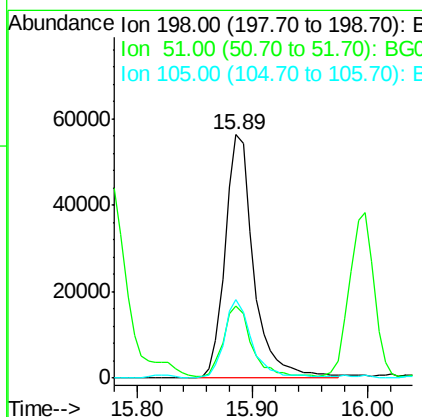
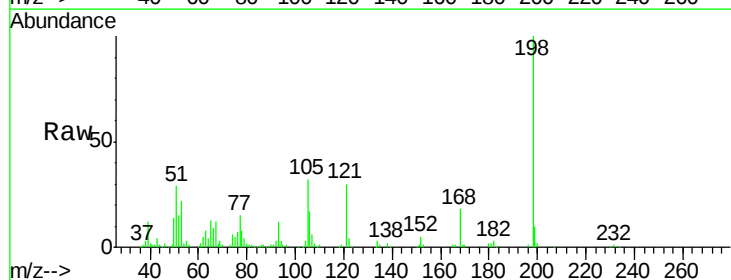
Instrument :
BNA_G
ClientSampleId :
PB104639BS

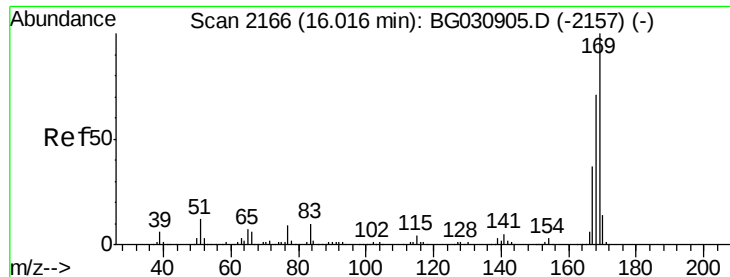
Tot Ion:188 Resp: 471260
Ion Ratio Lower Upper
188 100
94 6.6 6.9 10.3#
80 8.7 7.7 11.5



#64
4,6-Dinitro-2-methylphenol
Concen: 30.99 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:198 Resp: 97089
Ion Ratio Lower Upper
198 100
51 29.5 30.6 70.6#
105 32.4 23.8 63.8

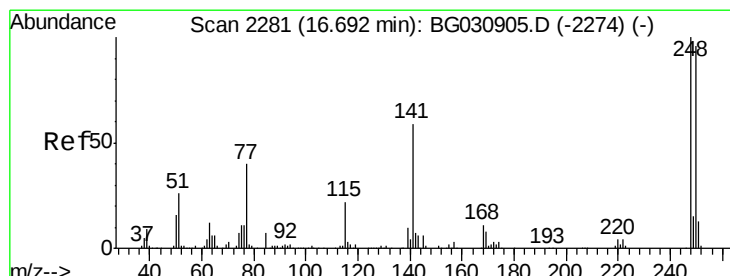
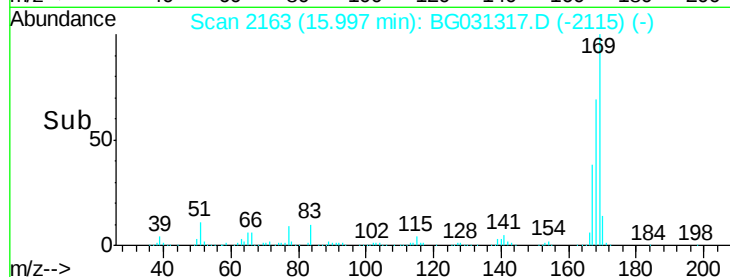
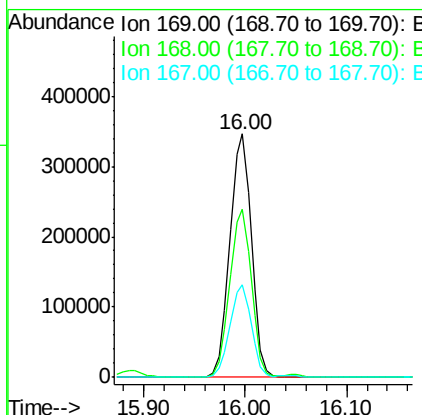
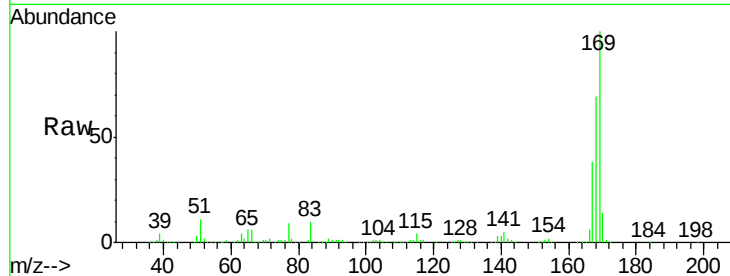




#65
n-Nitrosodiphenylamine
Concen: 35.82 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

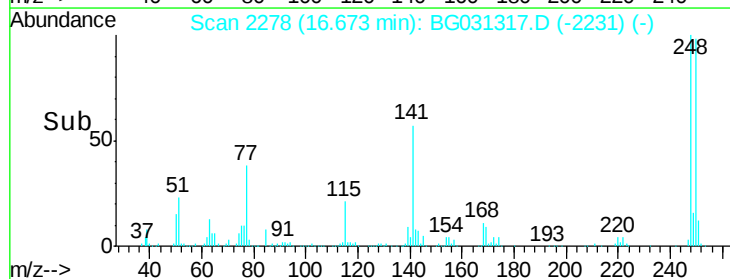
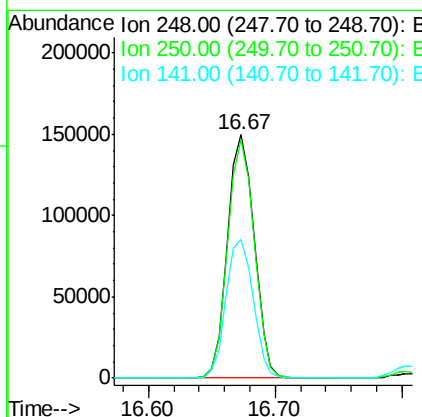
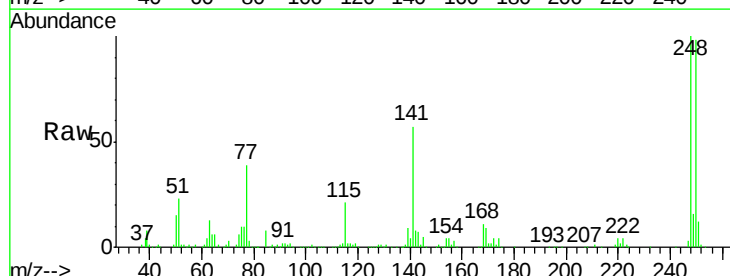
Instrument :
BNA_G
ClientSampleId :
PB104639BS

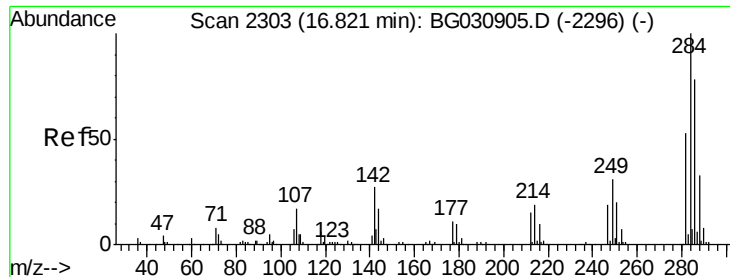
Tot Ion:169 Resp: 511510
Ion Ratio Lower Upper
169 100
168 69.0 55.7 83.5
167 38.0 30.1 45.1



#66
4-Bromophenyl-phenylether
Concen: 36.44 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:248 Resp: 217480
Ion Ratio Lower Upper
248 100
250 98.0 77.1 115.7
141 56.8 50.8 76.2

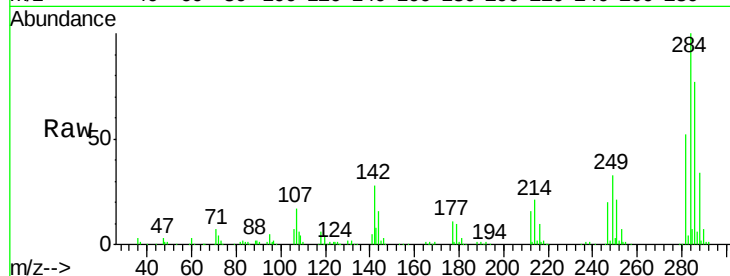




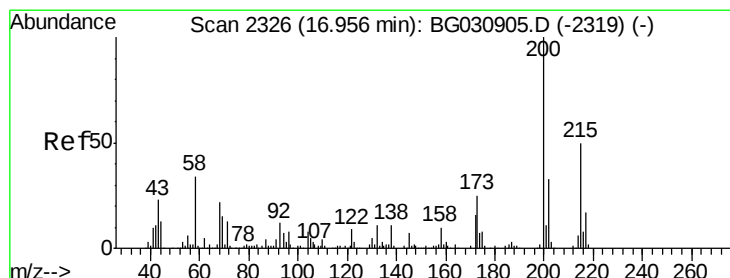
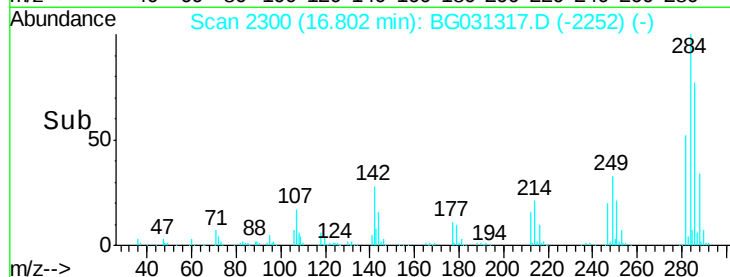
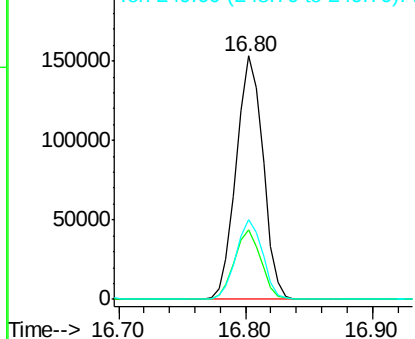
#67
Hexachlorobenzene
Concen: 35.35 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Instrument :
BNA_G
ClientSampleId :
PB104639BS

Tot Ion:284 Resp: 224160
Ion Ratio Lower Upper
284 100
142 28.4 26.8 40.2
249 32.8 26.3 39.5

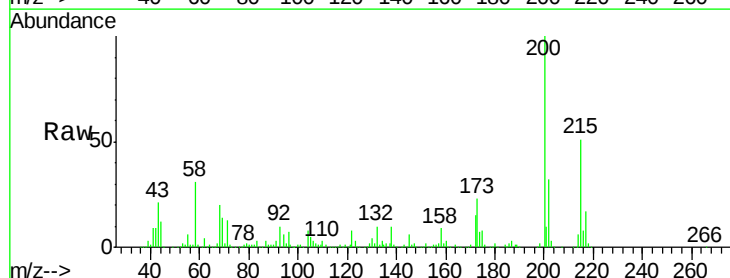


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

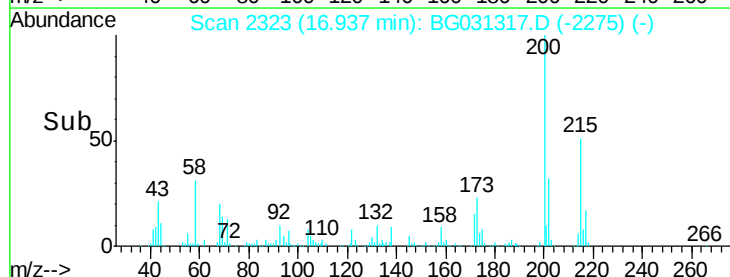
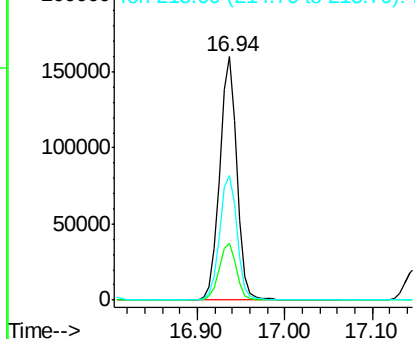


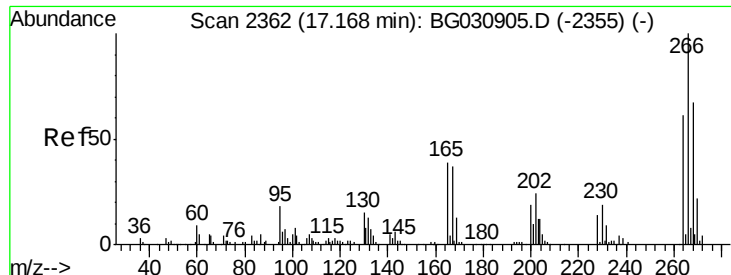
#68
Atrazine
Concen: 37.04 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:200 Resp: 218230
Ion Ratio Lower Upper
200 100
173 23.1 5.2 45.2
215 51.3 30.4 70.4



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





#69

Pentachlorophenol

Concen: 58.31 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

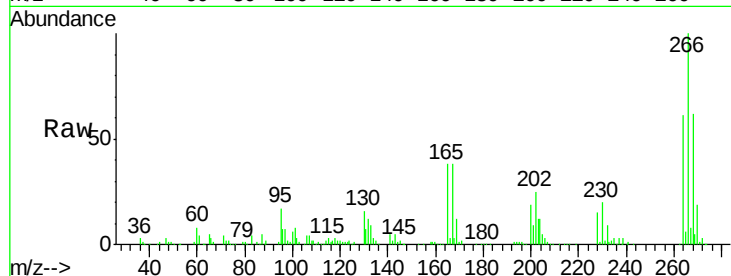
Tot Ion:266 Resp: 204405

Ion Ratio Lower Upper

266 100

268 61.8 51.1 76.7

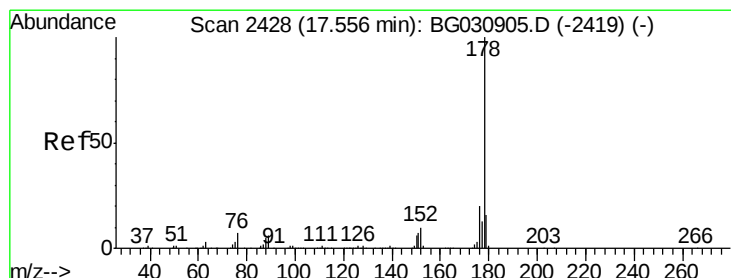
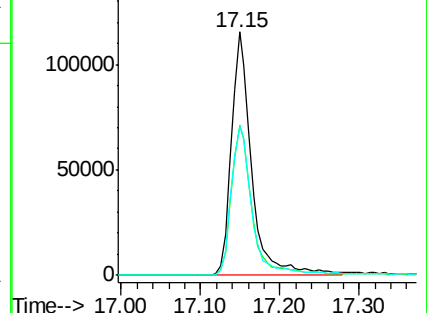
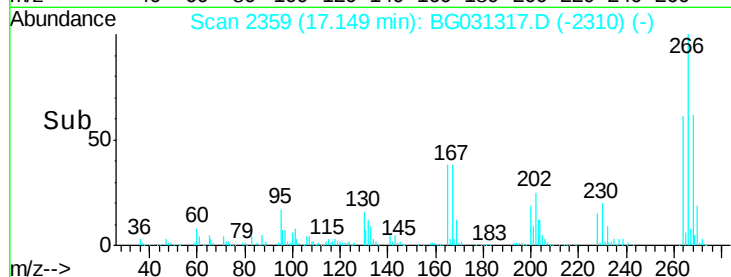
264 61.1 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 37.98 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

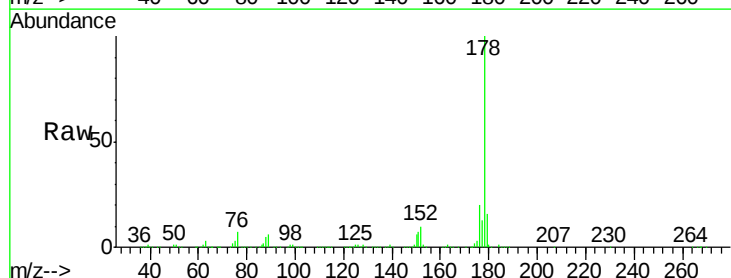
Tgt Ion:178 Resp: 932016

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

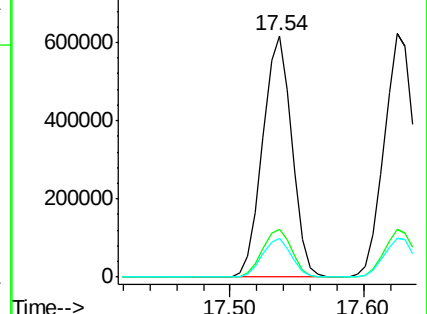
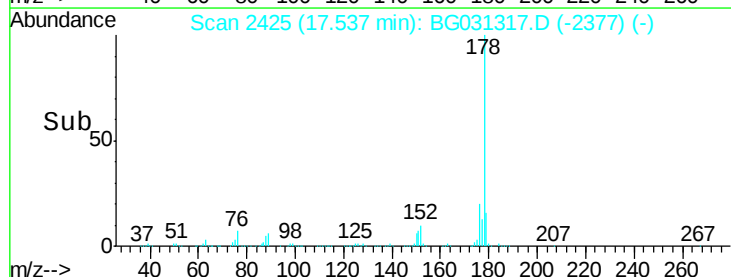
179 16.2 12.5 18.7

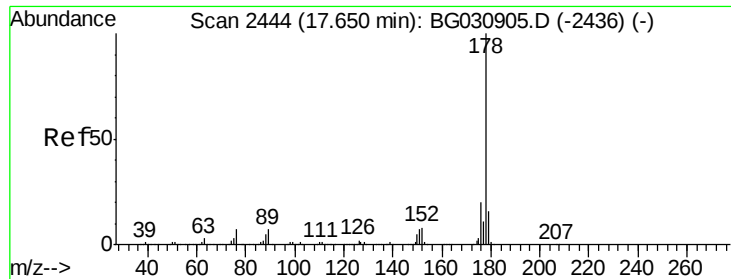


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

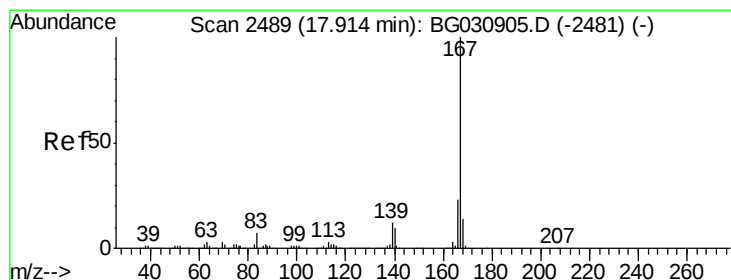
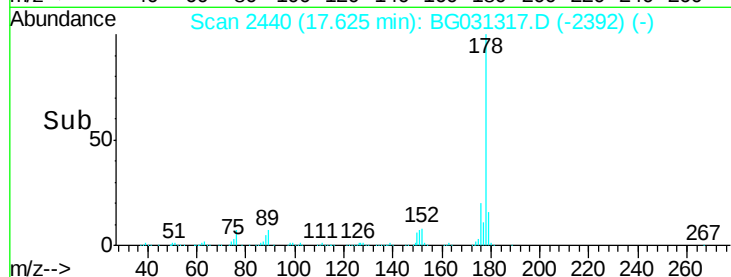
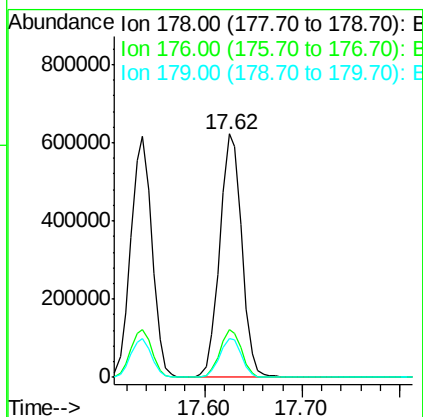
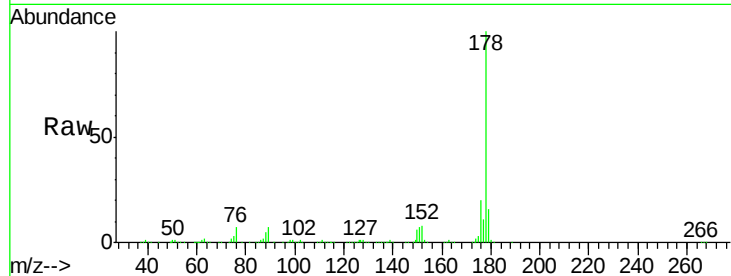




#71
 Anthracene
 Concen: 39.50 ng
 RT: 17.62 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

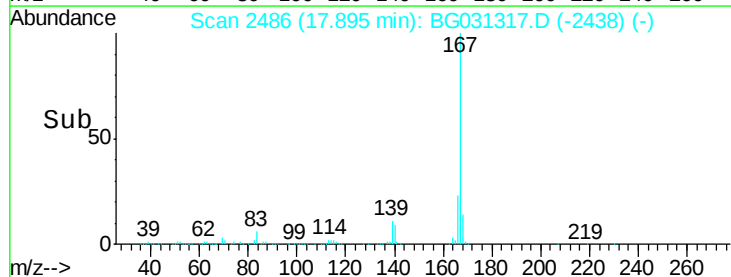
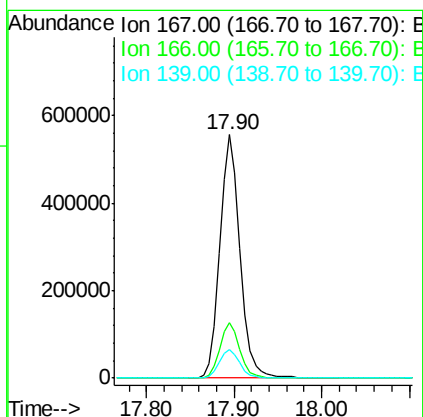
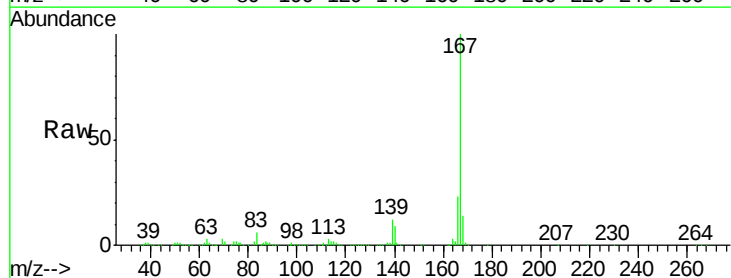
Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

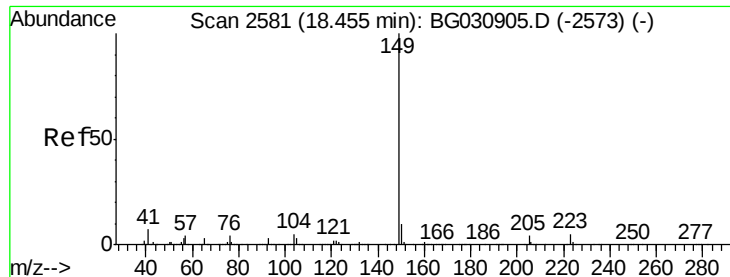
Tot Ion:178 Resp: 971250
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 16.1 12.5 18.7



#72
 Carbazole
 Concen: 38.42 ng
 RT: 17.90 min Scan# 2486
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion:167 Resp: 885007
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.4
 139 11.7 9.4 14.2





#73

Di-n-butylphthalate

Concen: 35.71 ng

RT: 18.43 min Scan# 2577

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

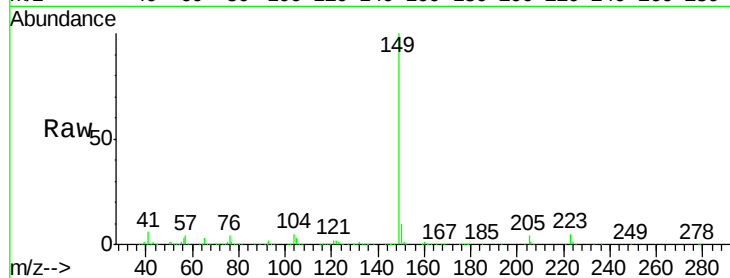
Tot Ion:149 Resp: 1009960

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

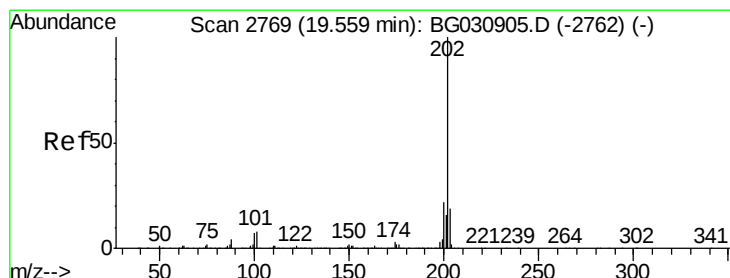
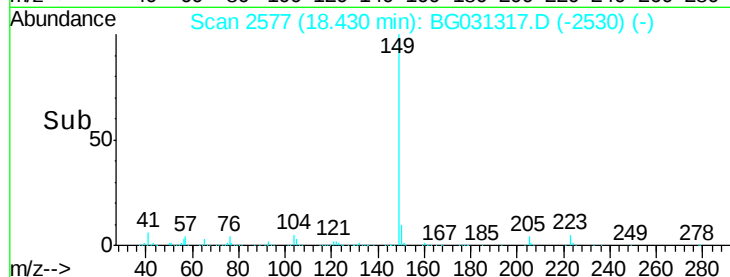
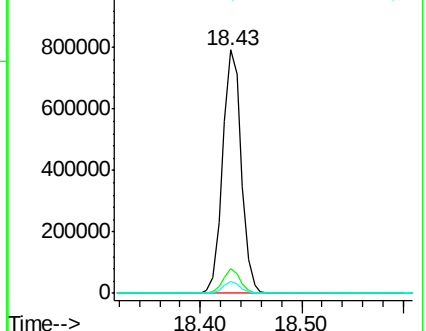
104 4.9 3.9 5.9



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: 40.04 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

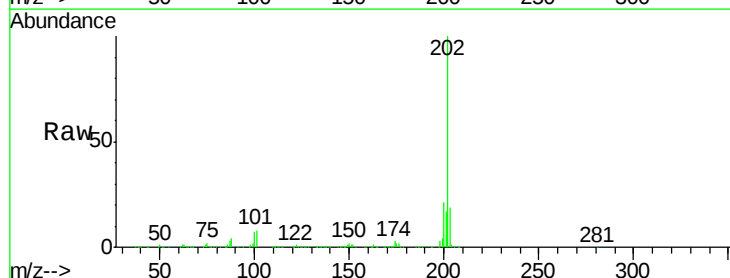
Tgt Ion:202 Resp: 1243860

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.9

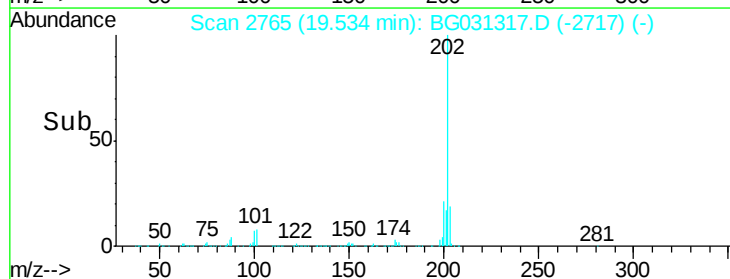
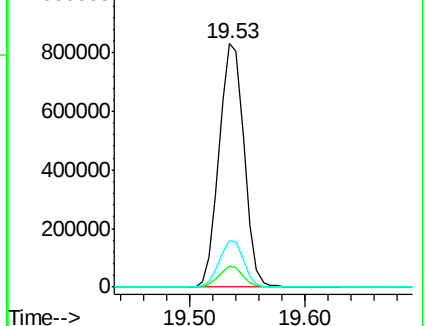
203 19.1 0.0 37.5

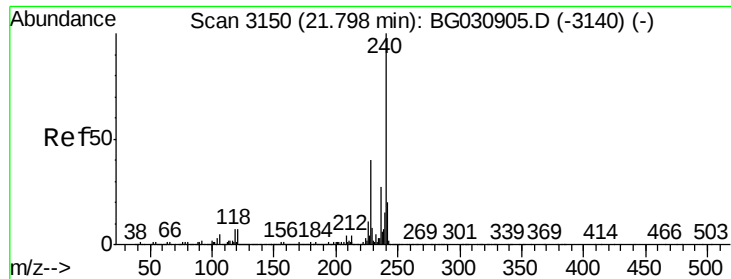


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

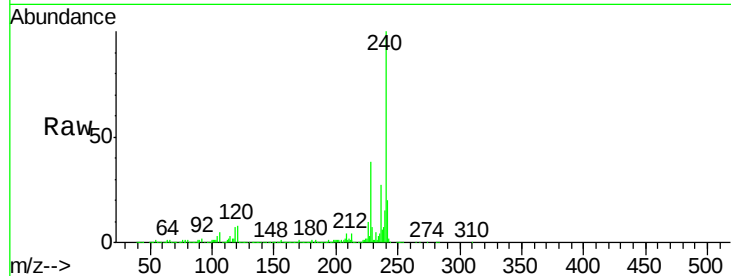
Tot Ion:240 Resp: 542980

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

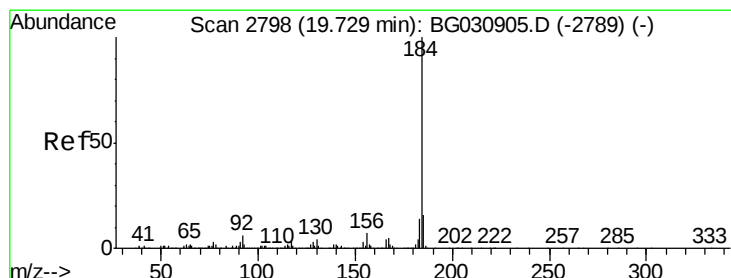
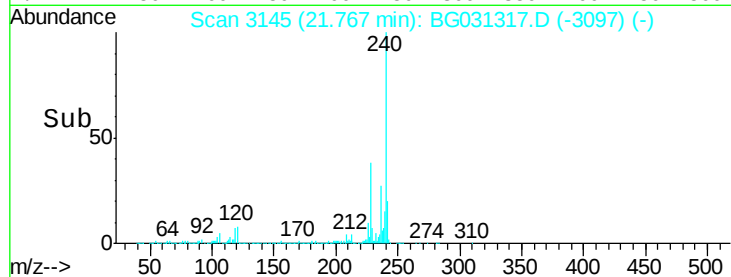
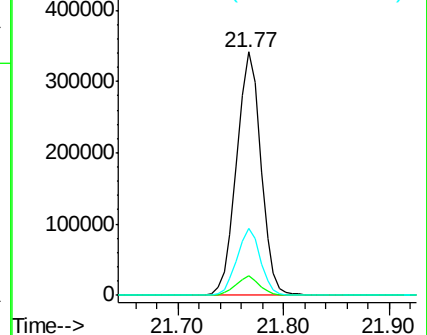
236 27.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.29 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

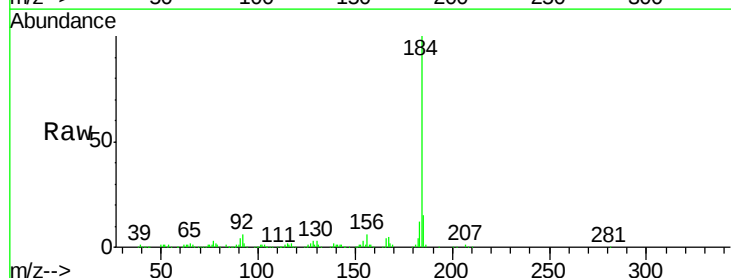
Tgt Ion:184 Resp: 284123

Ion Ratio Lower Upper

184 100

185 15.5 11.1 16.7

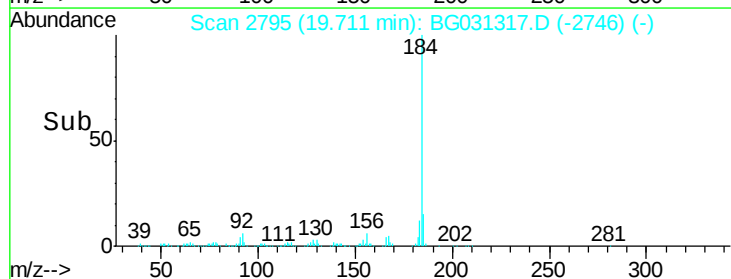
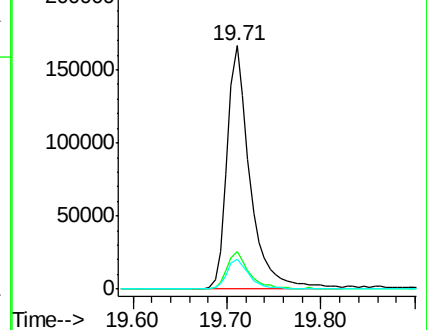
183 12.1 10.6 16.0

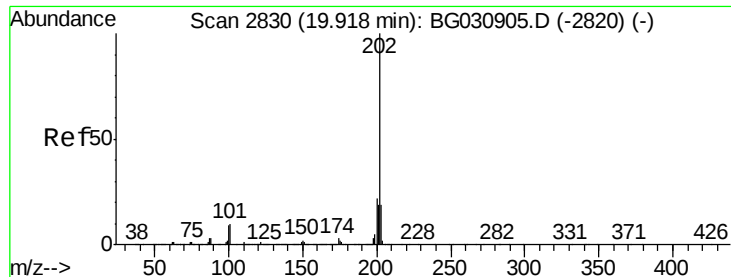


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.36 ng

RT: 19.90 min Scan# 2827

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

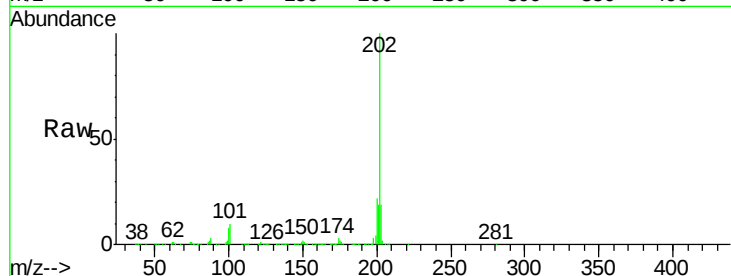
BNA_G

ClientSampleId :

PB104639BS

Tot Ion:202 Resp: 1268103

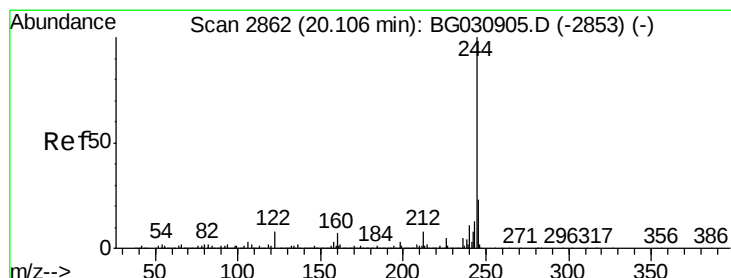
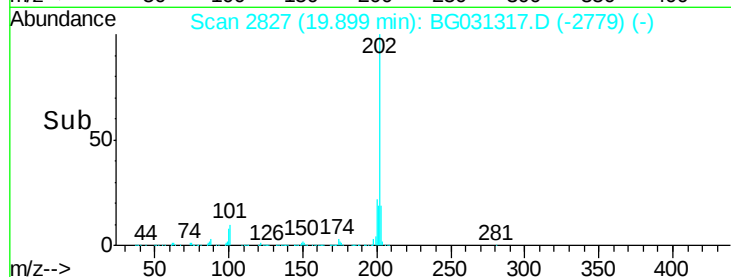
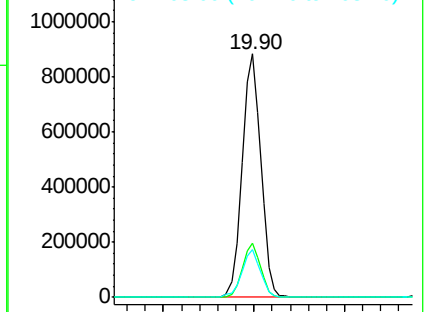
Ion	Ratio	Lower	Upper
202	100		
200	22.2	16.9	25.3
203	19.4	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.20 ng

RT: 20.08 min Scan# 2858

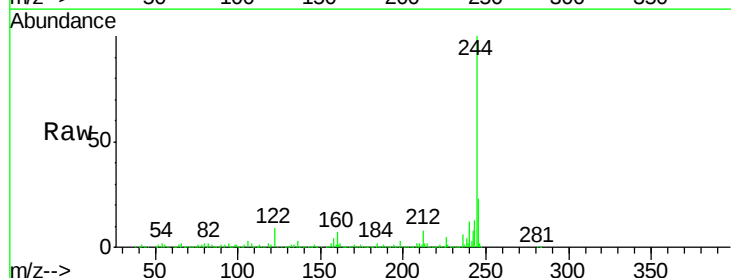
Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Tgt Ion:244 Resp: 1824612

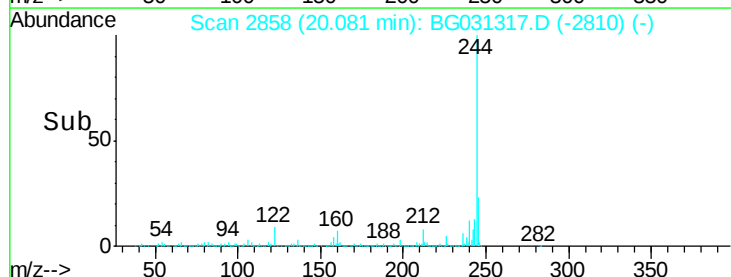
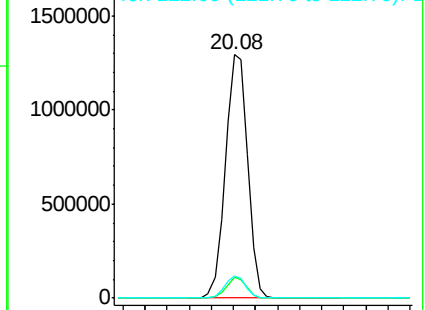
Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	9.0	7.0	10.4

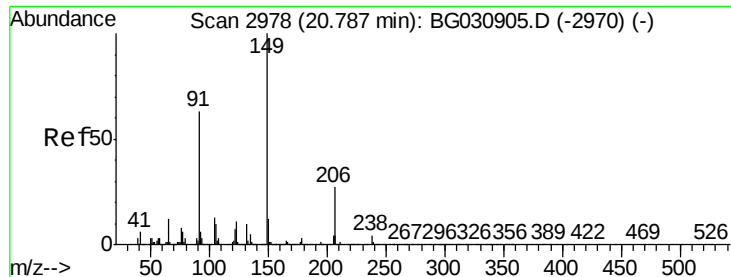


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

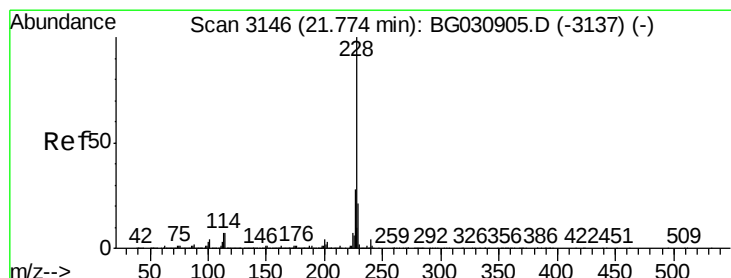
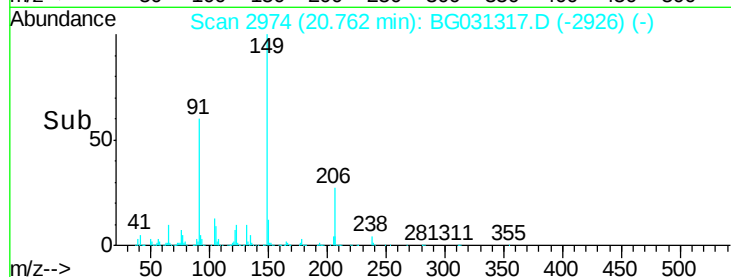
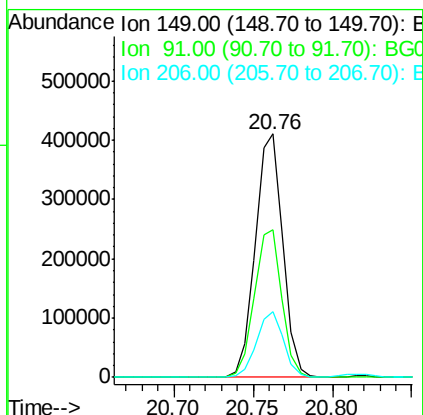
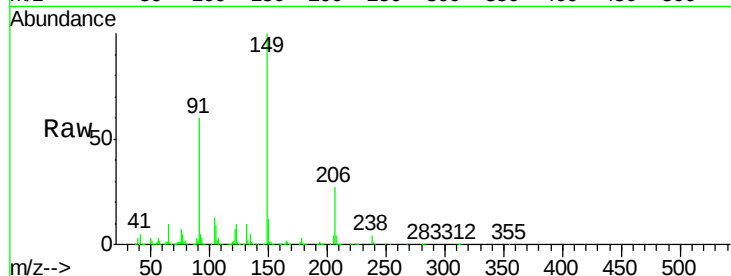




#79
Butylbenzylphthalate
Concen: 38.63 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

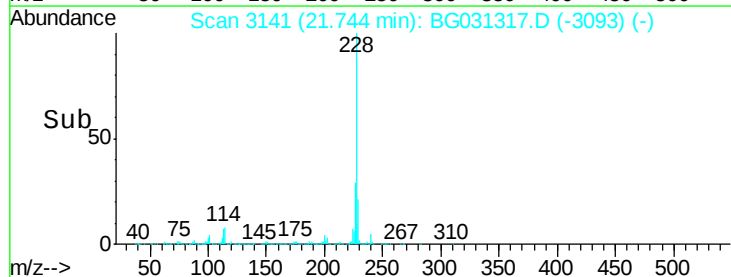
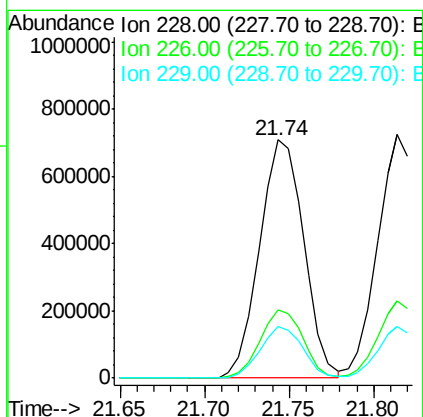
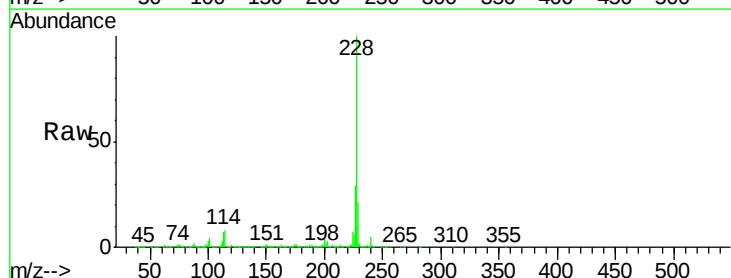
Instrument :
BNA_G
ClientSampleID :
PB104639BS

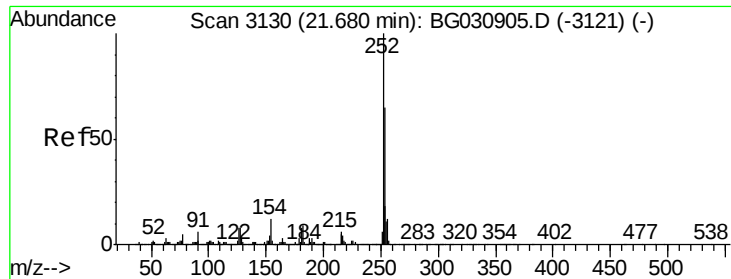
Tot Ion:149 Resp: 496333
Ion Ratio Lower Upper
149 100
91 60.4 62.2 93.2#
206 27.1 18.6 27.8



#80
Benzo(a)anthracene
Concen: 37.96 ng
RT: 21.74 min Scan# 3141
Delta R.T. -0.02 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:228 Resp: 1280318
Ion Ratio Lower Upper
228 100
226 28.6 22.7 34.1
229 21.5 16.2 24.2

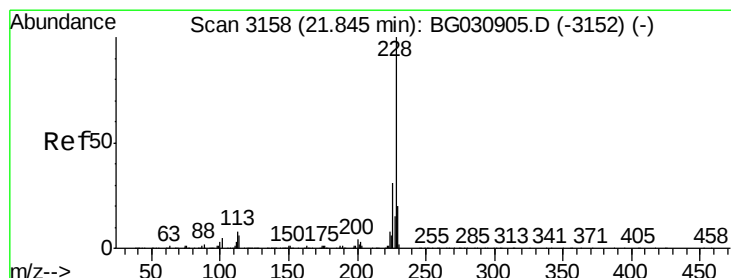
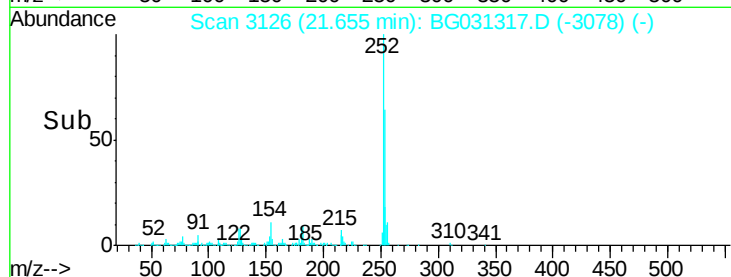
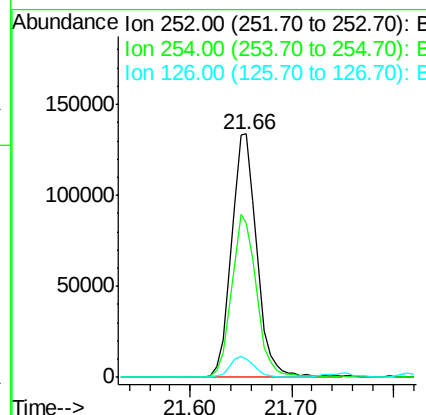
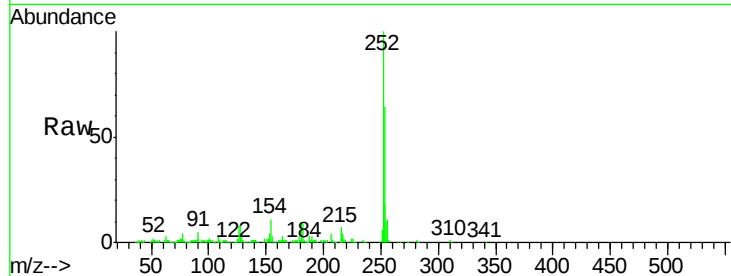




#81
 3,3'-Dichlorobenzidine
 Concen: 17.03 ng
 RT: 21.66 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

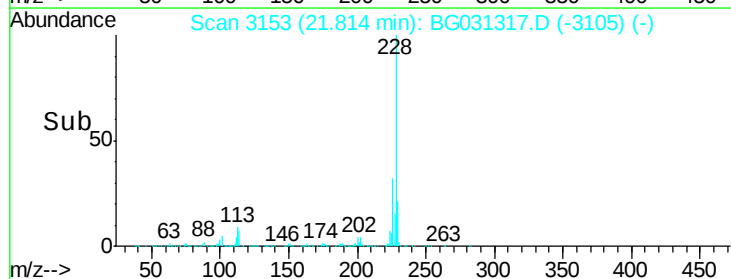
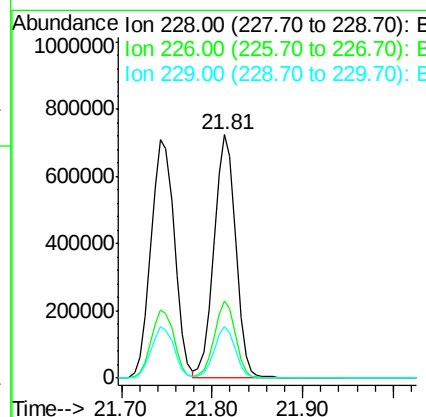
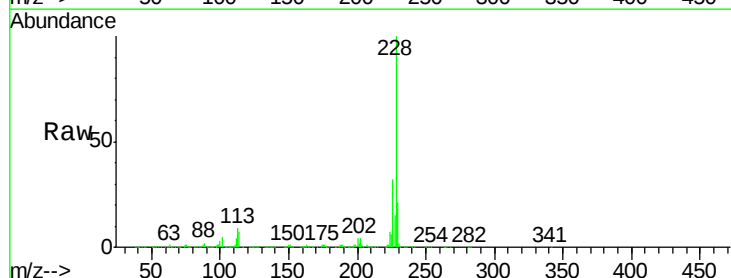
Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

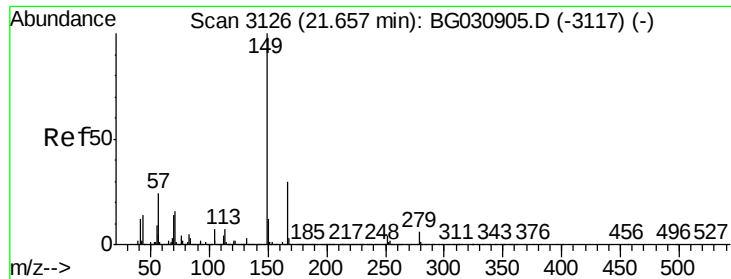
Tot Ion:	252	Resp:	231889
Ion	Ratio	Lower	Upper
252	100		
254	63.5	50.8	76.2
126	7.8	7.4	11.2



#82
 Chrysene
 Concen: 38.57 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Tgt Ion:	228	Resp:	1203409
Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	21.0	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.41 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

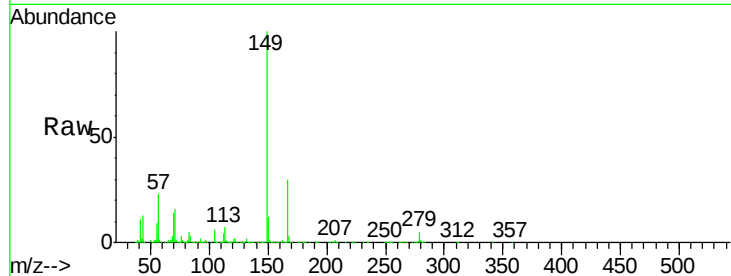
BNA_G

ClientSampleId :

PB104639BS

Tot Ion:149 Resp: 693804

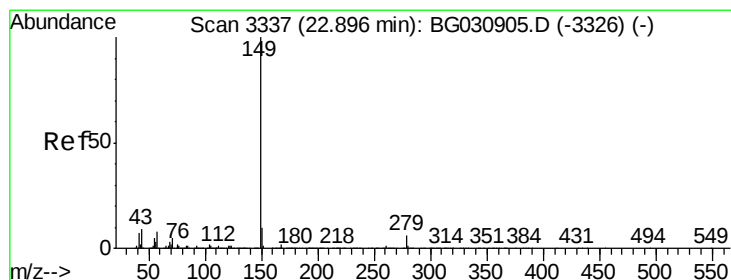
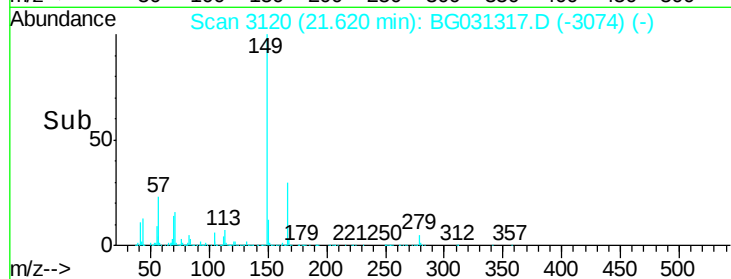
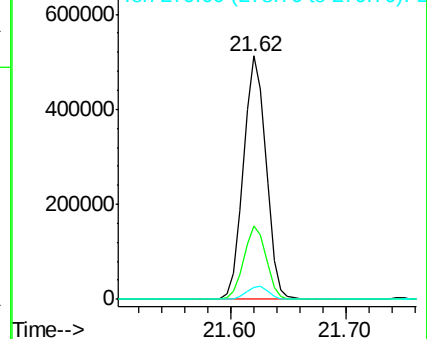
Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	5.0	4.0	6.0



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: 38.36 ng

RT: 22.85 min Scan# 3329

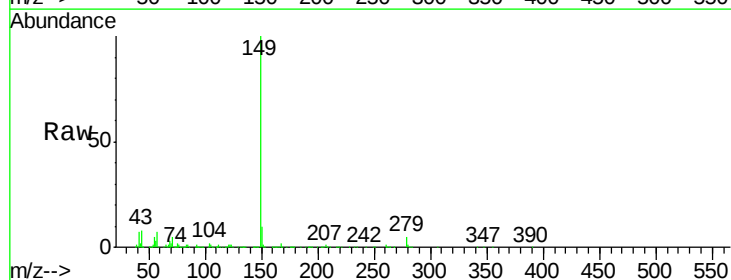
Delta R.T. -0.04 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Tgt Ion:149 Resp: 1157940

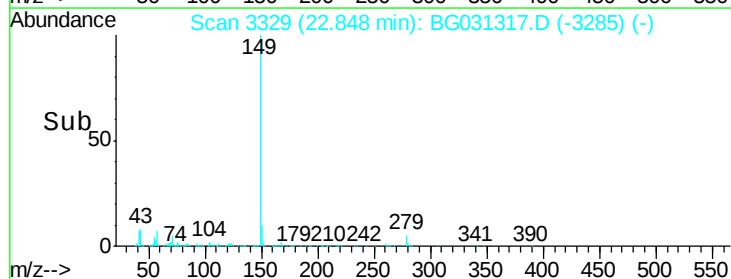
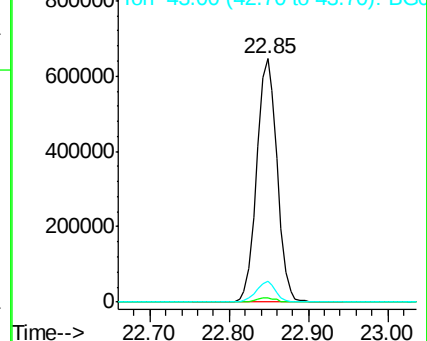
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#

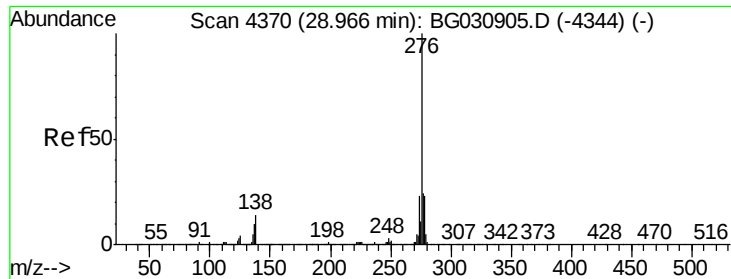


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

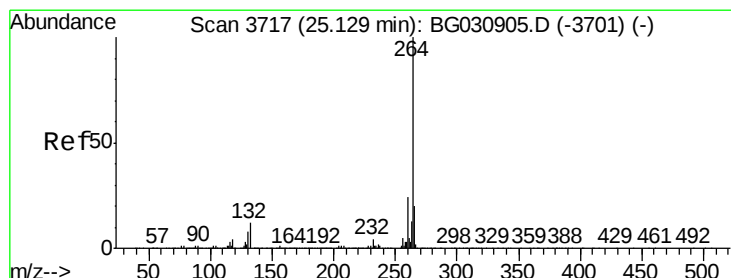
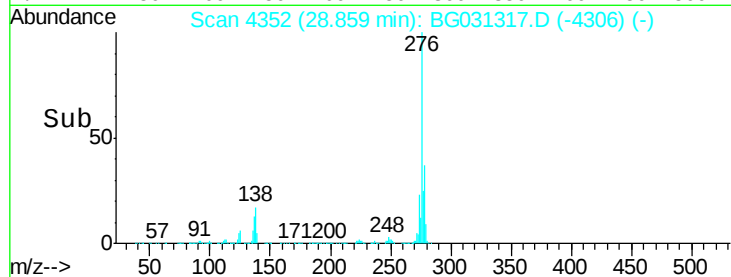
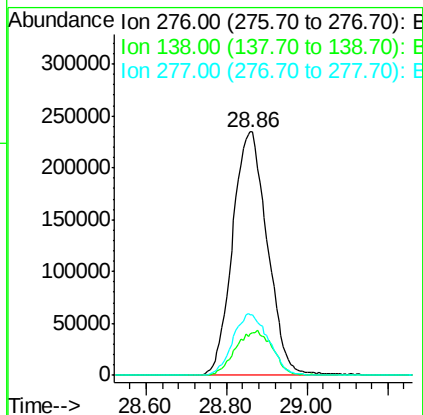
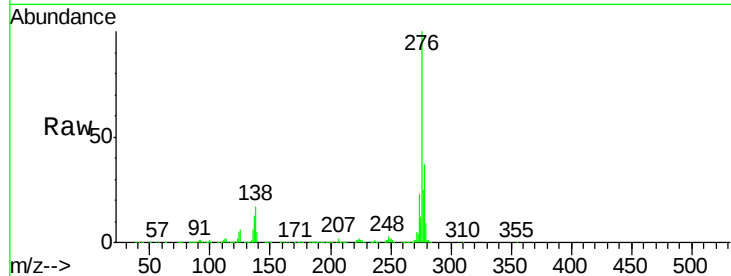




#85
Indeno(1,2,3-cd)pyrene
Concen: 37.09 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

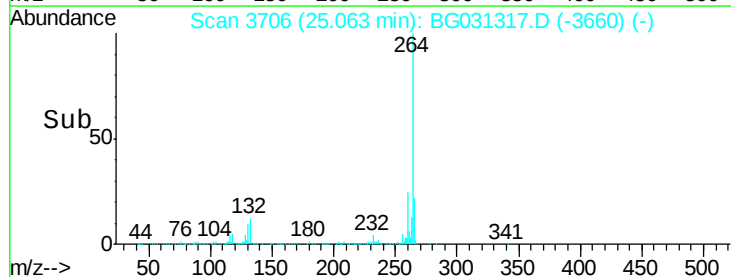
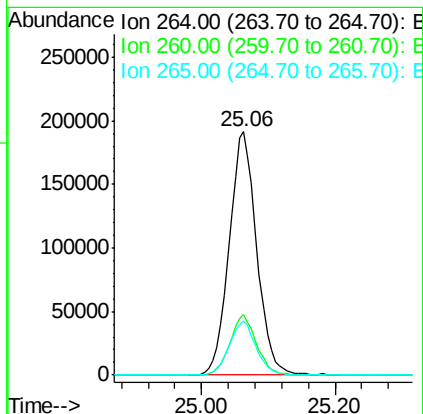
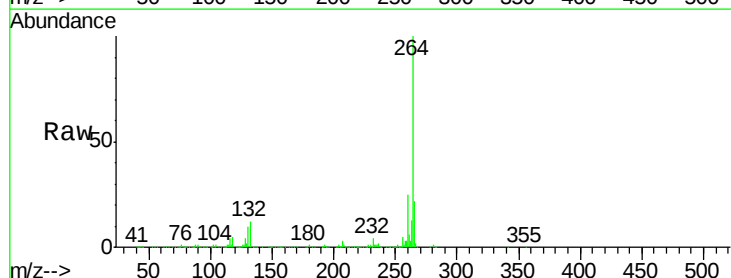
Instrument :
BNA_G
ClientSampleId :
PB104639BS

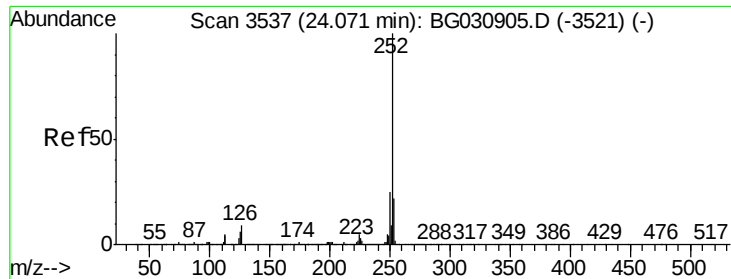
Tot Ion:276 Resp: 1406722
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 25.9 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.06 min Scan# 3706
Delta R.T. -0.03 min
Lab File: BG031317.D
Acq: 1 Dec 2017 14:39

Tgt Ion:264 Resp: 549915
Ion Ratio Lower Upper
264 100
260 24.7 17.4 26.0
265 22.2 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 38.06 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

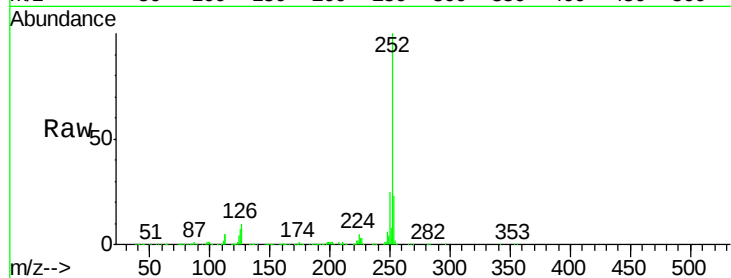
Tot Ion:252 Resp: 1266089

Ion Ratio Lower Upper

252 100

253 23.3 18.2 27.4

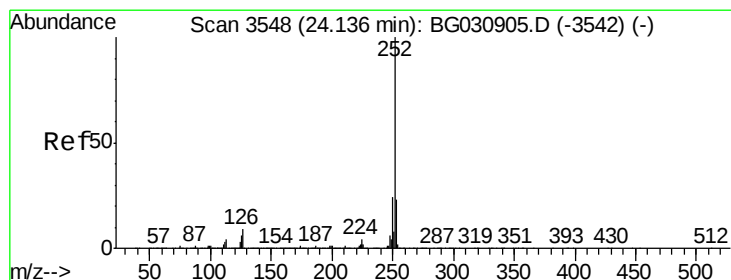
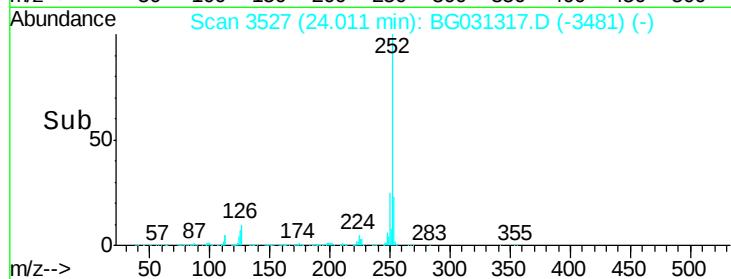
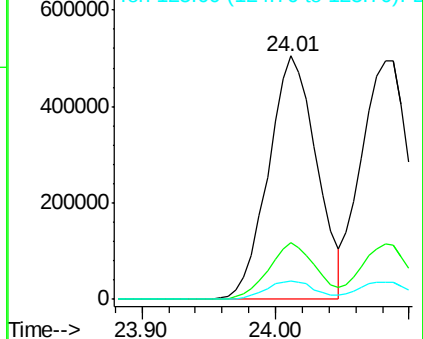
125 7.4 7.2 10.8



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: 37.83 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

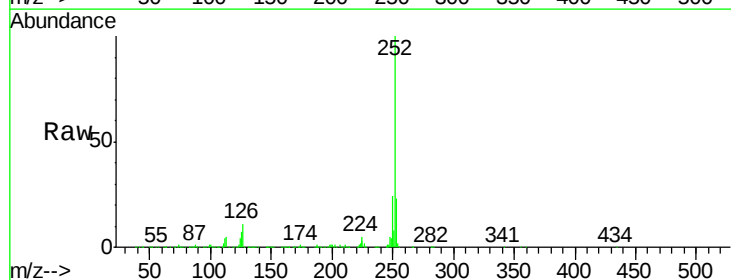
Tgt Ion:252 Resp: 1247261

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

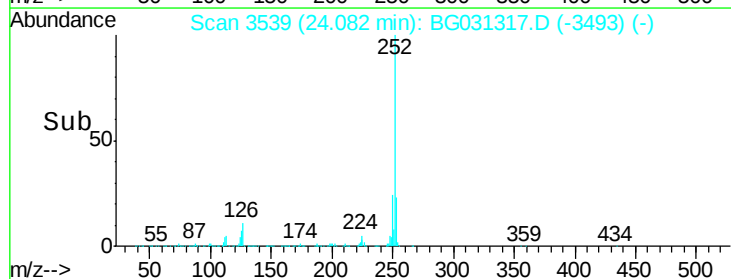
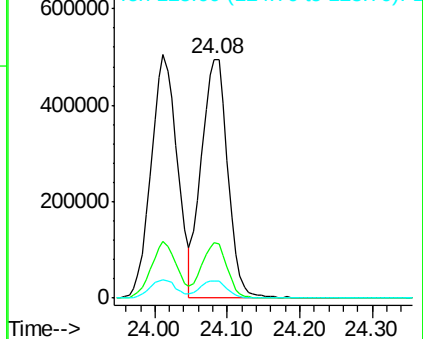
125 7.3 6.6 9.8

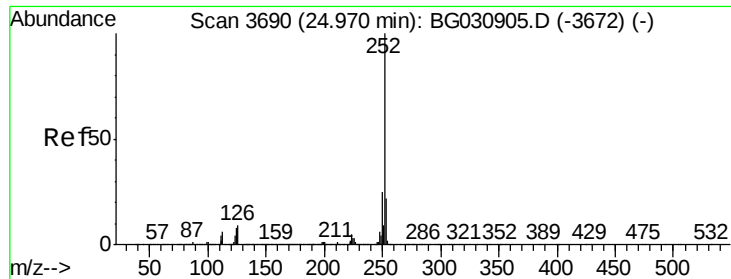


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.86 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.02 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

Instrument :

BNA_G

ClientSampleId :

PB104639BS

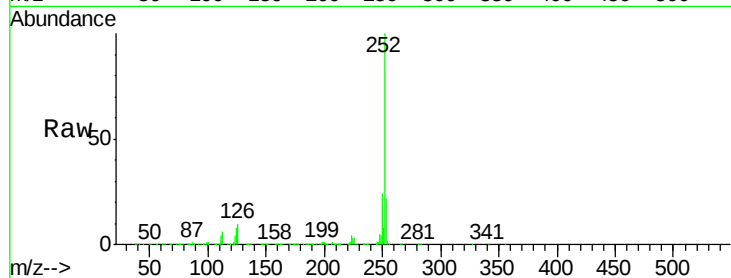
Tot Ion:252 Resp: 1228157

Ion Ratio Lower Upper

252 100

253 22.0 18.3 27.5

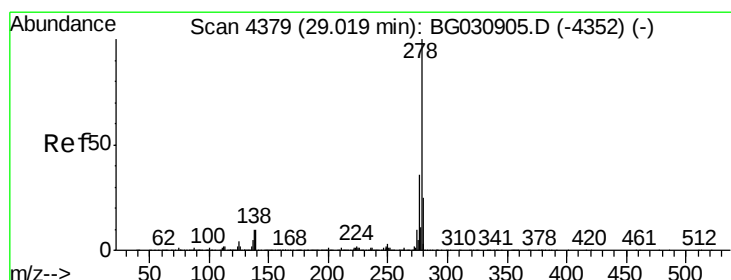
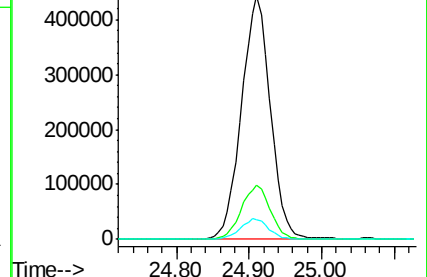
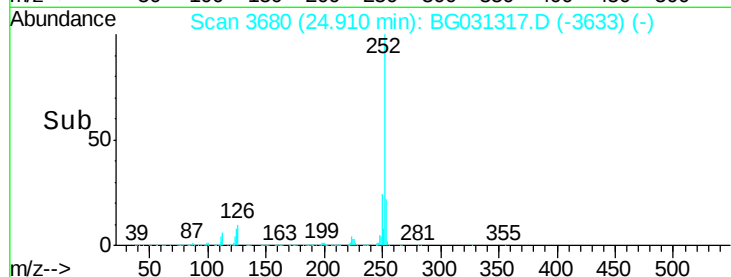
125 8.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.24 ng

RT: 28.91 min Scan# 4360

Delta R.T. -0.03 min

Lab File: BG031317.D

Acq: 1 Dec 2017 14:39

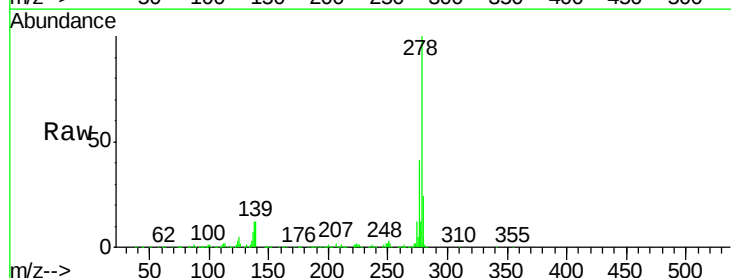
Tgt Ion:278 Resp: 1170393

Ion Ratio Lower Upper

278 100

139 12.1 9.8 14.6

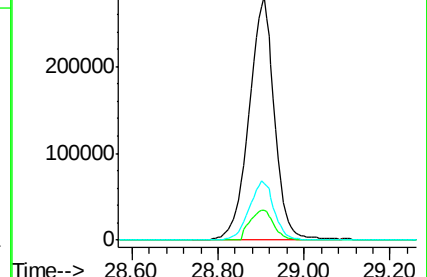
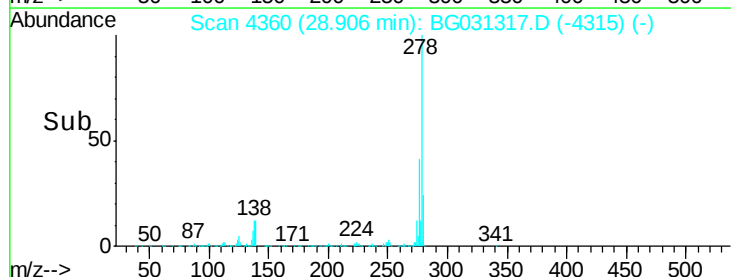
279 23.5 18.4 27.6

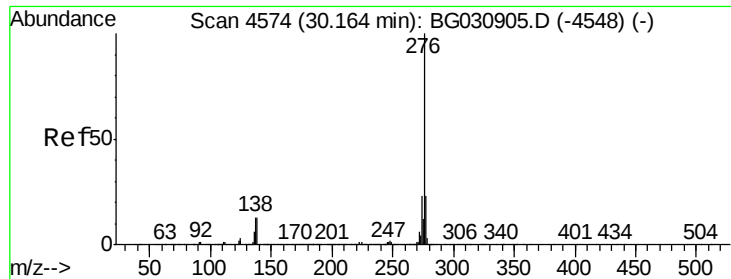


Abundance Ion 278.00 (277.70 to 278.70): E

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: 37.07 ng
 RT: 30.04 min Scan# 4553
 Delta R.T. -0.03 min
 Lab File: BG031317.D
 Acq: 1 Dec 2017 14:39

Instrument :
 BNA_G
 ClientSampleId :
 PB104639BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.3	27.5
138	17.3	13.9	20.9

