

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
 Data File : BG031289.D
 Acq On : 30 Nov 2017 16:00
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 01 03:13:46 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	8.13	152	64444	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	282311	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	185687	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	462313	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	506622	20.00	ng	-0.01
86) Perylene-d12	25.07	264	503672	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	305394	81.26	ng	-0.02
7) Phenol-d6	7.29	99	412711	81.51	ng	-0.01
23) Nitrobenzene-d5	9.30	82	373138	78.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	207245	68.99	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1062249	82.20	ng	-0.02
78) Terphenyl-d14	20.09	244	1792134	78.11	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.54	88	62403	40.92	ng	# 79
3) Pyridine	3.95	79	179200	40.47	ng	87
4) n-Nitrosodimethylamine	3.86	42	77620	36.99	ng	# 84
6) Aniline	7.45	93	261849	39.30	ng	93
8) 2-Chlorophenol	7.69	128	169147	40.78	ng	88
9) Benzaldehyde	7.27	77	117024	33.03	ng	88
10) Phenol	7.32	94	209484	39.84	ng	90
11) bis(2-Chloroethyl)ether	7.54	93	172042	40.98	ng	88
12) 1,3-Dichlorobenzene	8.02	146	193497	39.77	ng	96
13) 1,4-Dichlorobenzene	8.16	146	199951	40.55	ng	94
14) 1,2-Dichlorobenzene	8.49	146	193091	40.80	ng	97
15) Benzyl Alcohol	8.37	79	148320	36.52	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.65	45	168261	36.28	ng	92
17) 2-Methylphenol	8.58	107	142049	38.80	ng	95
18) Hexachloroethane	9.22	117	67825	39.52	ng	88
19) n-Nitroso-di-n-propylamine	8.93	70	142927	37.13	ng	# 92
20) 3+4-Methylphenols	8.90	107	203849	39.15	ng	97
22) Acetophenone	8.95	105	281623	40.06	ng	# 92
24) Nitrobenzene	9.34	77	189799	39.00	ng	# 88
25) Isophorone	9.86	82	347759	37.43	ng	# 91
26) 2-Nitrophenol	10.06	139	106173	41.85	ng	# 84
27) 2,4-Dimethylphenol	10.11	122	153837	40.85	ng	90
28) bis(2-Chloroethoxy)methane	10.34	93	233008	39.82	ng	96
29) 2,4-Dichlorophenol	10.60	162	184304	40.75	ng	94
30) 1,2,4-Trichlorobenzene	10.81	180	224833	41.64	ng	99
31) Naphthalene	11.00	128	559249	40.30	ng	99
32) Benzoic acid	10.27	122	94880	32.34	ng	# 81
33) 4-Chloroaniline	11.10	127	247399	40.72	ng	93
34) Hexachlorobutadiene	11.27	225	147373	39.36	ng	94
35) Caprolactam	11.88	113	66273	35.87	ng	# 68
36) 4-Chloro-3-methylphenol	12.22	107	192338	39.08	ng	# 86
37) 2-Methylnaphthalene	12.59	142	433262	40.44	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	314777	42.71	ng	# 96
40) Hexachlorocyclopentadiene	12.93	237	106667	44.58	ng	94

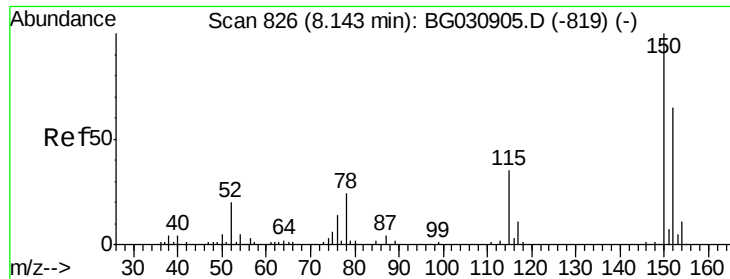
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	173344	41.14	nq	98
43) 2,4,5-Trichlorophenol	13.28	196	185496	40.24	nq #	93
45) 1,1'-Biphenyl	13.59	154	644636	41.87	nq	97
46) 2-Chloronaphthalene	13.63	162	464983	41.85	nq	95
47) 2-Nitroaniline	13.84	65	125738	38.19	nq #	77
48) Acenaphthylene	14.48	152	746857	41.07	nq	99
49) Dimethylphthalate	14.20	163	643589	40.09	nq	98
50) 2,6-Dinitrotoluene	14.33	165	139615	42.19	nq #	75
51) Acenaphthene	14.82	154	472478	41.61	nq	99
52) 3-Nitroaniline	14.66	138	141002	40.13	nq #	76
53) 2,4-Dinitrophenol	14.88	184	57473	35.12	nq #	50
54) Dibenzofuran	15.15	168	746932	41.29	nq	99
55) 4-Nitrophenol	14.99	139	91075	36.39	nq #	77
56) 2,4-Dinitrotoluene	15.12	165	198251	41.44	nq #	71
57) Fluorene	15.80	166	602081	41.00	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	175430	39.93	nq #	89
59) Diethylphthalate	15.55	149	644531	39.52	nq	98
60) 4-Chlorophenyl-phenylether	15.78	204	368027	41.50	nq	92
61) 4-Nitroaniline	15.83	138	148909	40.02	nq	83
62) Azobenzene	16.07	77	485691	39.05	nq	91
64) 4,6-Dinitro-2-methylphenol	15.88	198	128034	41.66	nq #	77
65) n-Nitrosodiphenylamine	16.00	169	586460	41.86	nq	98
66) 4-Bromophenyl-phenylether	16.67	248	233786	39.93	nq	99
67) Hexachlorobenzene	16.81	284	239722	38.53	nq	94
68) Atrazine	16.94	200	224267	38.80	nq	99
69) Pentachlorophenol	17.15	266	118631	34.49	nq	95
70) Phenanthrene	17.54	178	997064	41.42	nq	99
71) Anthracene	17.63	178	1004117	41.63	nq	99
72) Carbazole	17.90	167	922782	40.83	nq	98
73) Di-n-butylphthalate	18.43	149	1087519	39.19	nq	99
74) Fluoranthene	19.54	202	1265341	41.52	nq	97
76) Benzidine	19.71	184	491910	30.23	nq	98
77) Pyrene	19.90	202	1296268	43.12	nq	98
79) Butylbenzylphthalate	20.76	149	500660	41.77	nq	85
80) Benzo(a)anthracene	21.75	228	1271145	40.39	nq	99
81) 3,3'-Dichlorobenzidine	21.65	252	485025	38.18	nq	96
82) Chrysene	21.82	228	1194830	41.04	nq	98
83) Bis(2-ethylhexyl)phthalate	21.62	149	697258	40.30	nq	100
84) Di-n-octyl phthalate	22.85	149	1192052	42.33	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.86	276	1387038	39.19	nq #	79
87) Benzo(b)fluoranthene	24.02	252	1274467	41.83	nq	99
88) Benzo(k)fluoranthene	24.09	252	1264658	41.88	nq	98
89) Benzo(a)pyrene	24.92	252	1204636	41.62	nq	99
90) Dibenzo(a,h)anthracene	28.92	278	1179335	39.86	nq	98
91) Benzo(g,h,i)perylene	30.05	276	1141155	39.74	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

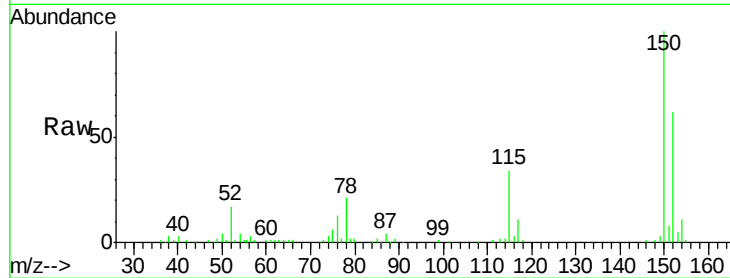
Tot Ion:152 Resp: 64444

Ion Ratio Lower Upper

152 100

150 162.1 126.6 189.8

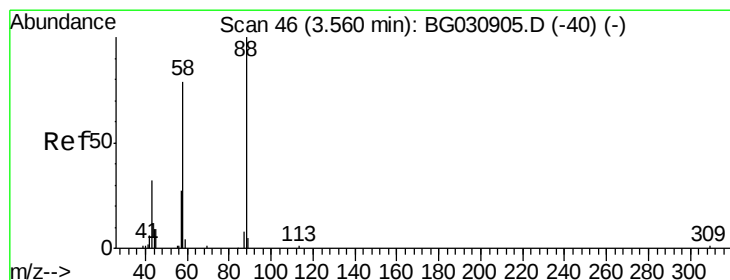
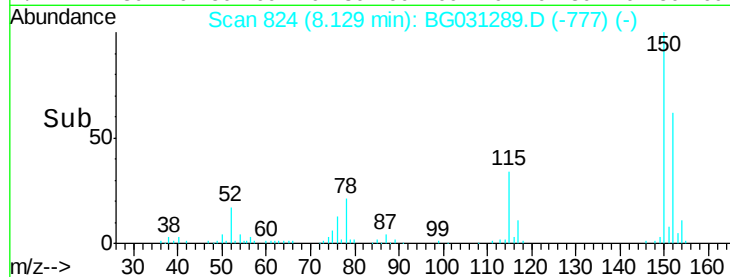
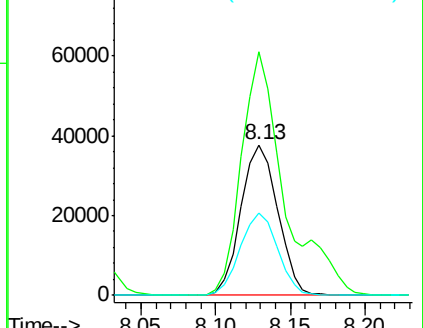
115 54.7 53.0 79.4



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: 40.92 ng

RT: 3.54 min Scan# 43

Delta R.T. -0.03 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

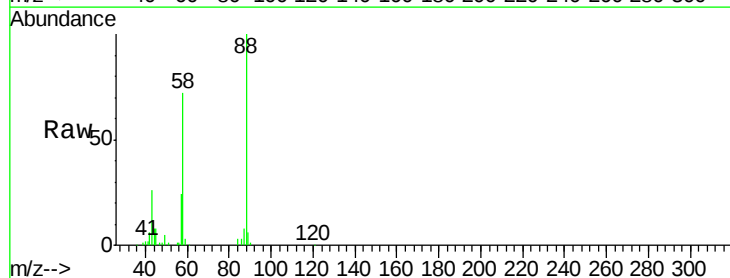
Tgt Ion: 88 Resp: 62403

Ion Ratio Lower Upper

88 100

58 75.1 79.6 119.4#

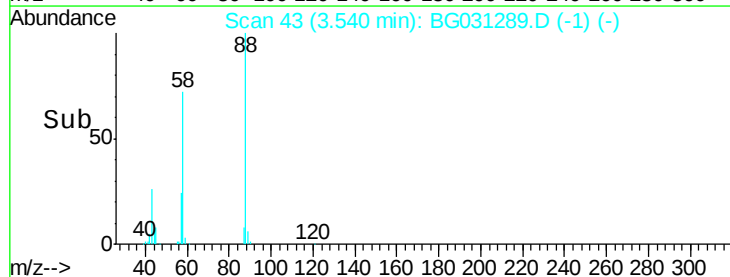
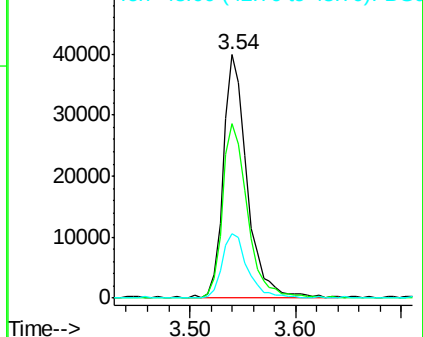
43 28.5 27.4 41.0

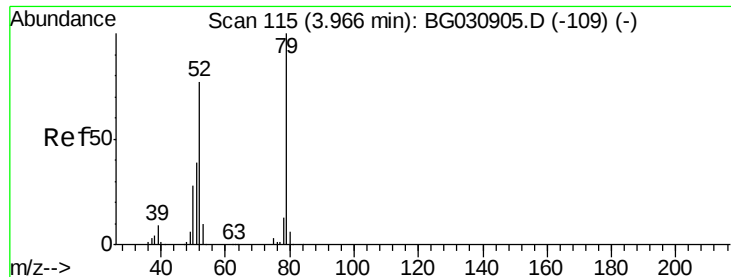


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 40.47 ng

RT: 3.95 min Scan# 113

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

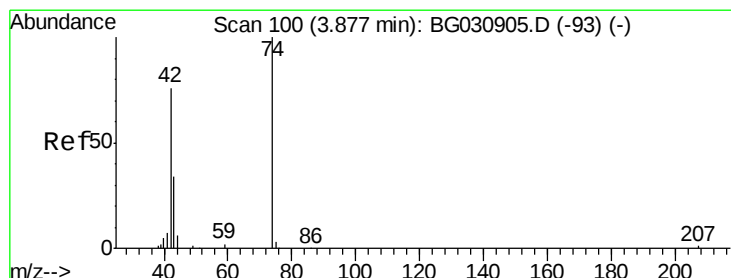
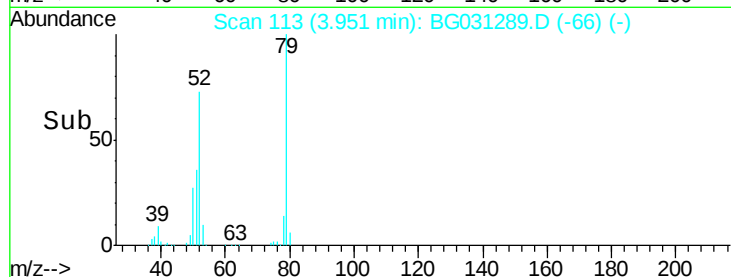
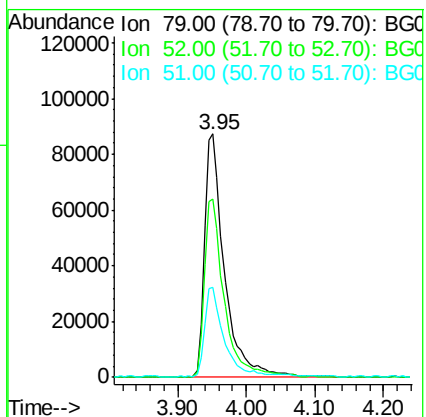
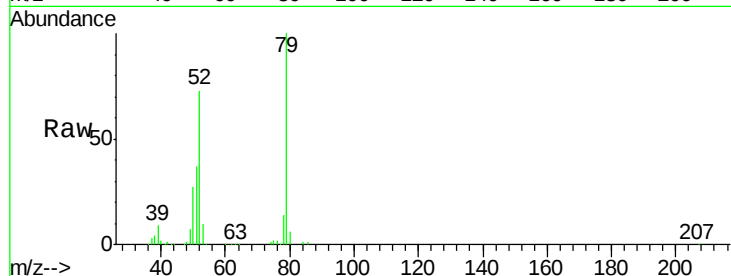
Tot Ion: 79 Resp: 179200

Ion Ratio Lower Upper

79 100

52 73.2 69.9 104.9

51 36.9 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 36.99 ng

RT: 3.86 min Scan# 98

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

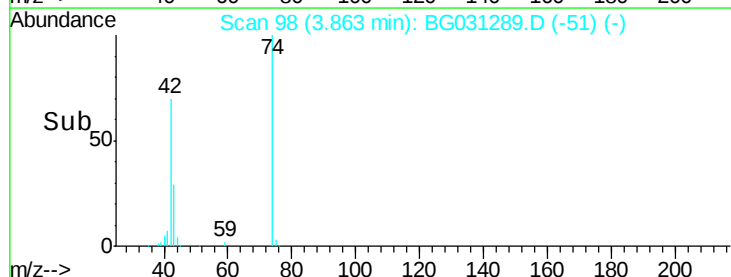
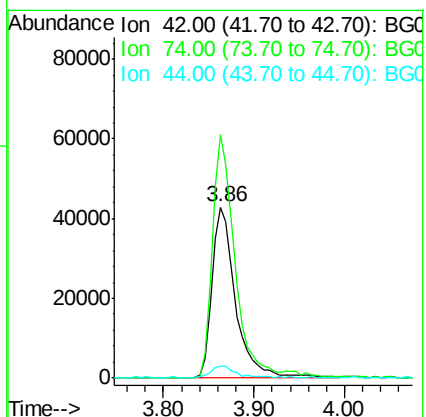
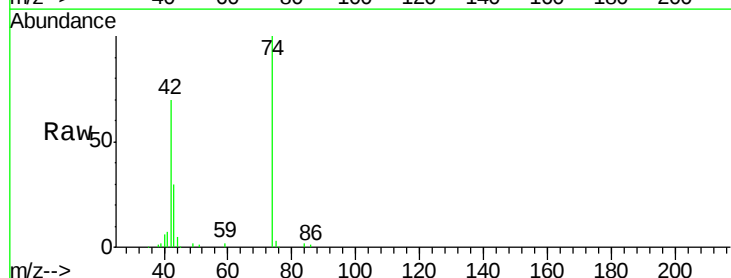
Tgt Ion: 42 Resp: 77620

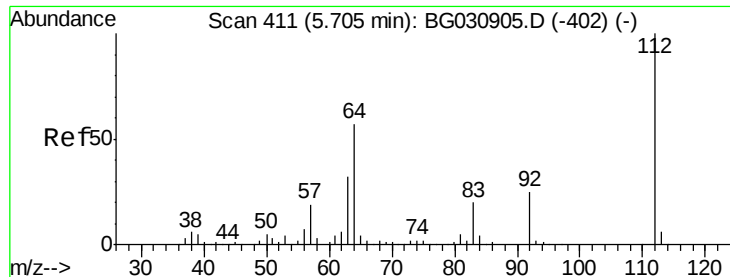
Ion Ratio Lower Upper

42 100

74 142.4 102.5 153.7

44 6.8 18.9 28.3#





#5

2-Fluorophenol

Concen: 81.26 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031289.D

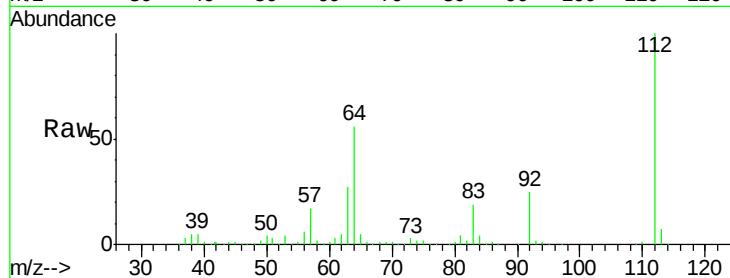
Acq: 30 Nov 2017 16:00

Instrument :

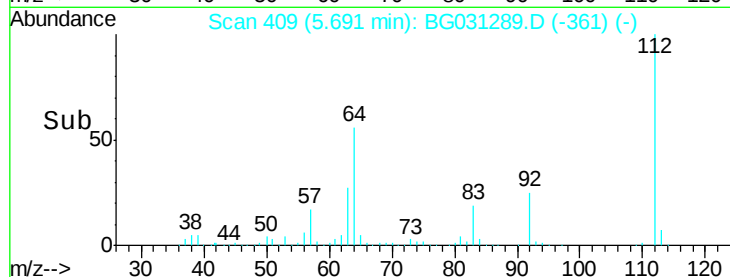
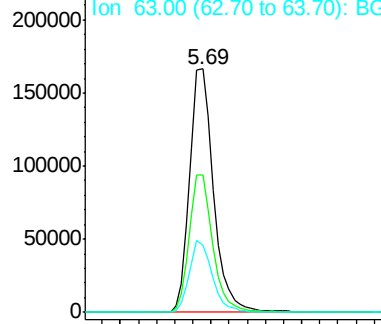
BNA_G

ClientSampled :

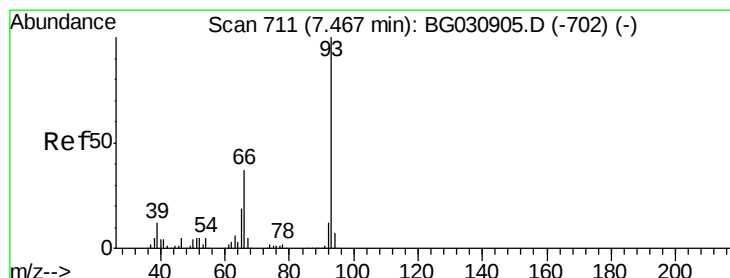
Tot Ion:	112	Resp:	305394
Ion	Ratio	Lower	Upper
112	100		
64	56.5	56.3	84.5
63	27.4	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC



Time-->



#6

Aniline

Concen: 39.30 ng

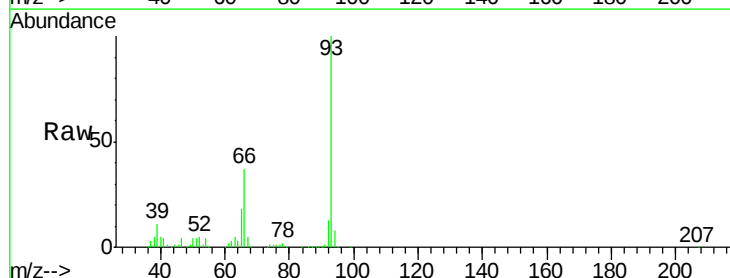
RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

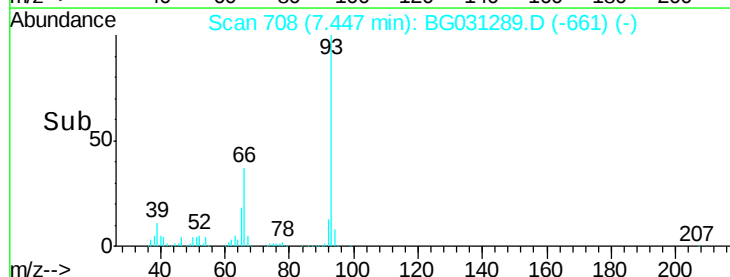
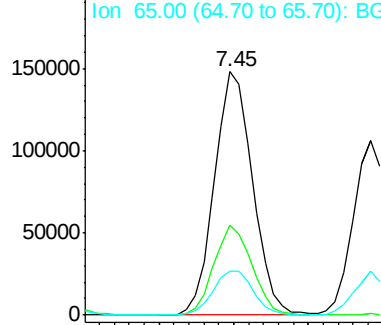
Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

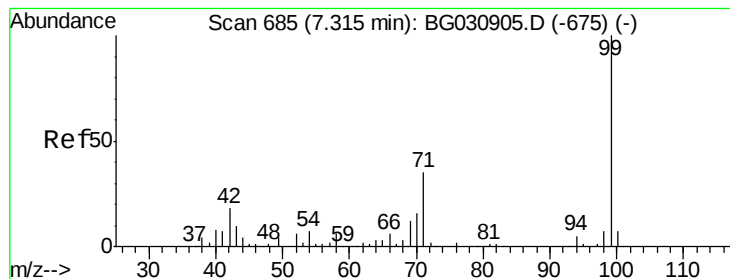
Tgt Ion:	93	Resp:	261849
Ion	Ratio	Lower	Upper
93	100		
66	36.8	33.7	50.5
65	18.3	16.1	24.1



Abundance Ion 93.00 (92.70 to 93.70): BGC



Time-->



#7

Phenol-d6

Concen: 81.51 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

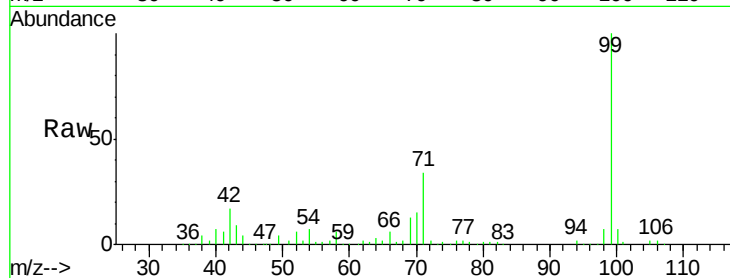
Tot Ion: 99 Resp: 412711

Ion Ratio Lower Upper

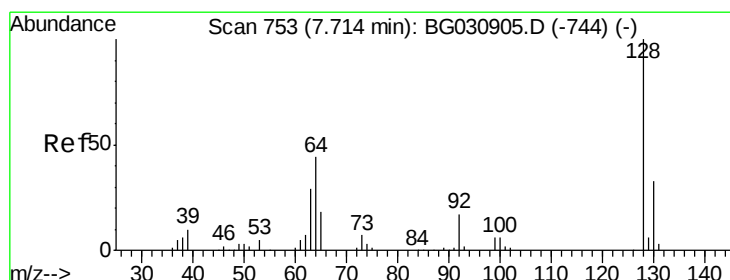
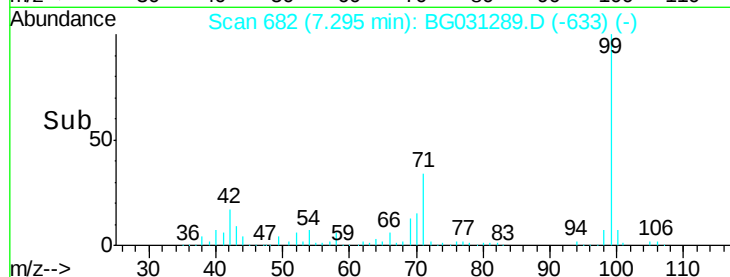
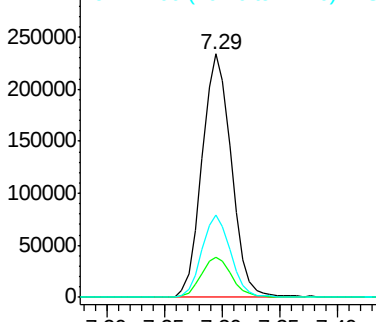
99 100

42 16.7 14.1 21.1

71 33.6 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: 40.78 ng

RT: 7.69 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

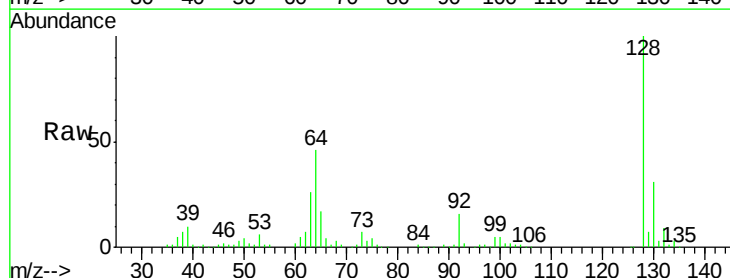
Tgt Ion: 128 Resp: 169147

Ion Ratio Lower Upper

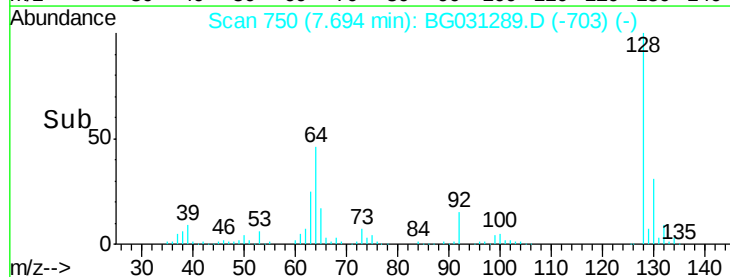
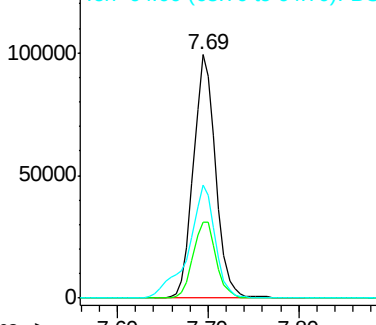
128 100

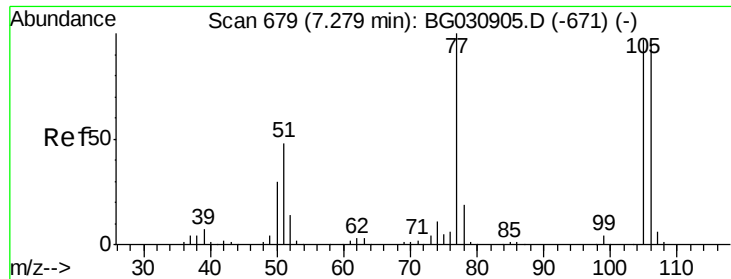
130 31.0 14.0 54.0

64 46.2 37.7 77.7



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





#9

Benzaldehyde

Concen: 33.03 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

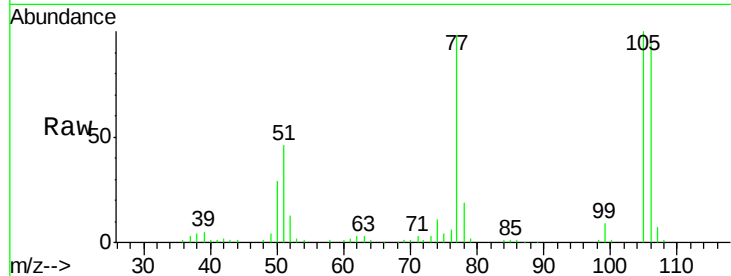
Tot Ion: 77 Resp: 117024

Ion Ratio Lower Upper

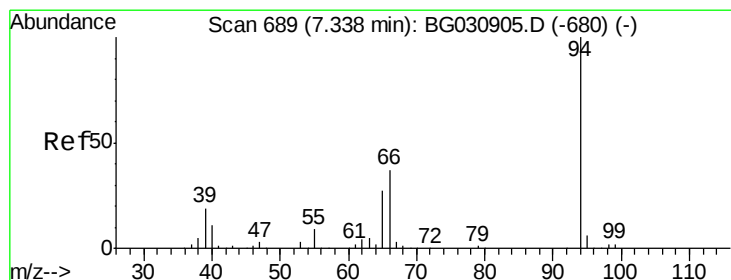
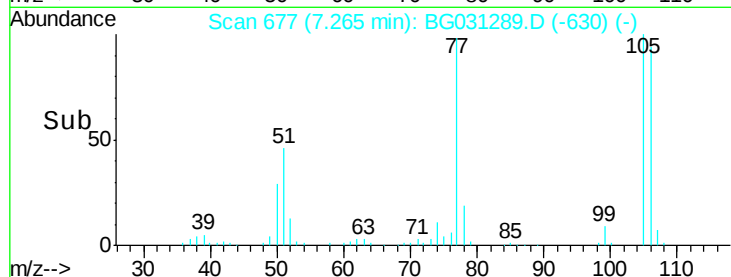
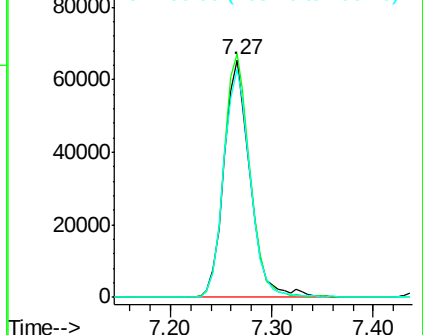
77 100

105 102.5 71.3 111.3

106 95.8 64.2 104.2



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



#10

Phenol

Concen: 39.84 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

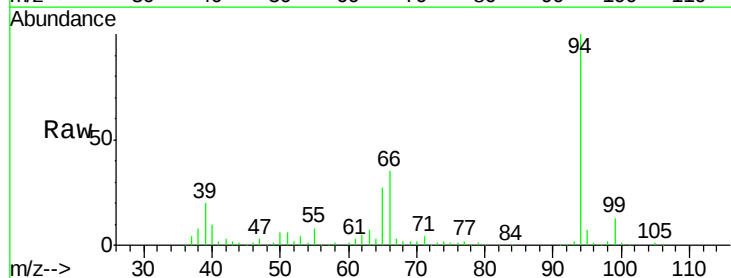
Tgt Ion: 94 Resp: 209484

Ion Ratio Lower Upper

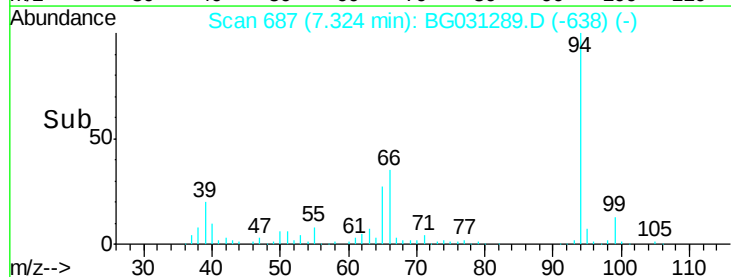
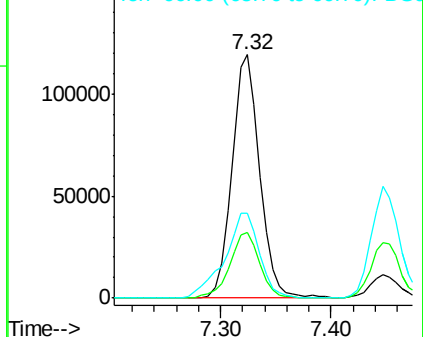
94 100

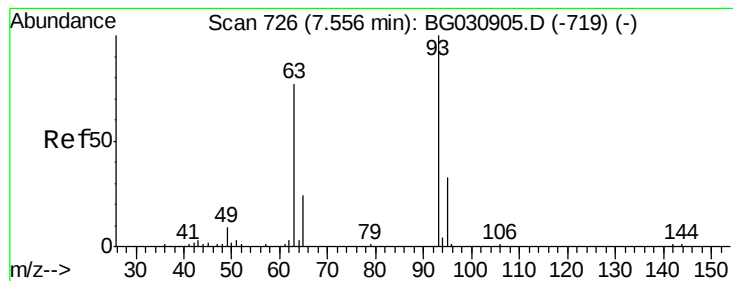
65 27.1 11.9 51.9

66 34.9 22.2 62.2



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





#11

bis(2-Chloroethyl)ether

Concen: 40.98 ng

RT: 7.54 min Scan# 724

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

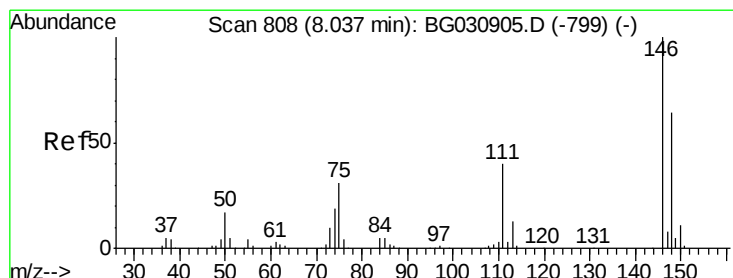
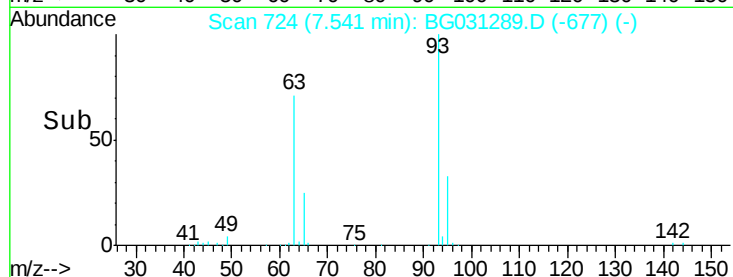
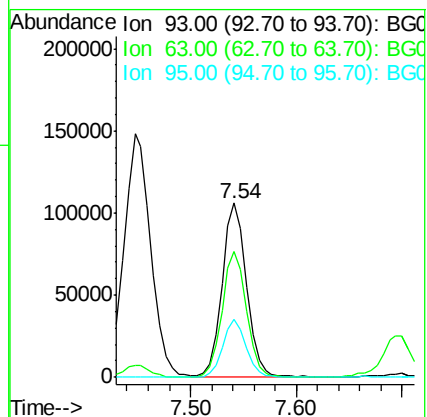
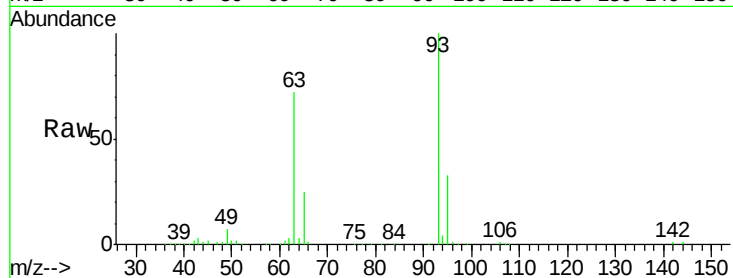
Tot Ion: 93 Resp: 172042

Ion Ratio Lower Upper

93 100

63 72.5 67.1 107.1

95 33.1 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 39.77 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

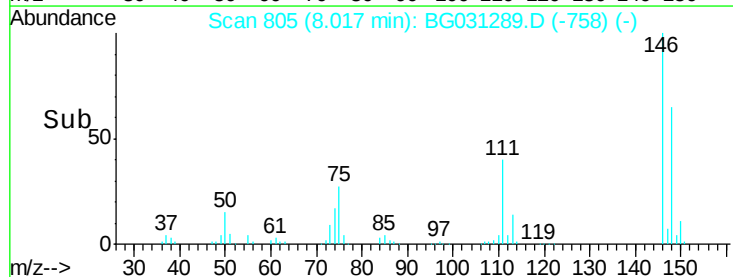
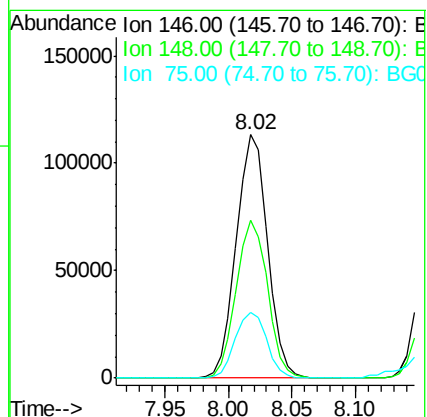
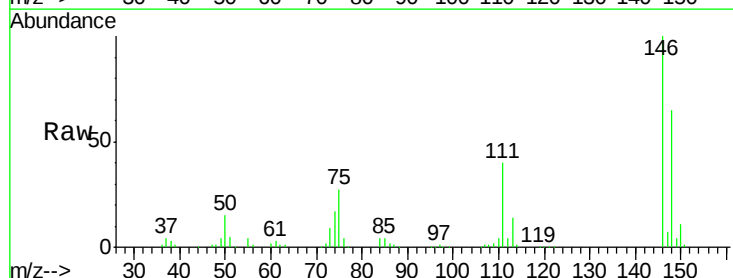
Tgt Ion: 146 Resp: 193497

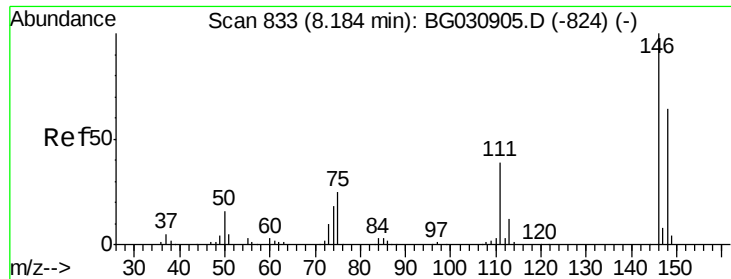
Ion Ratio Lower Upper

146 100

148 64.8 51.4 77.2

75 27.0 26.6 39.8

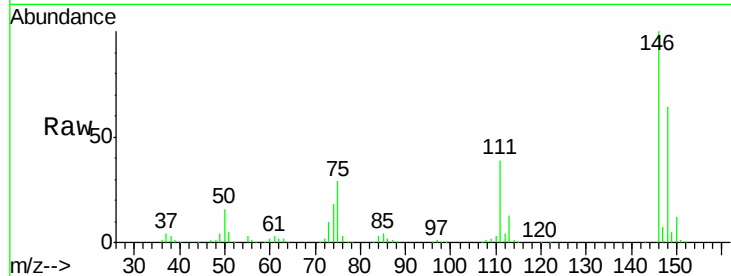




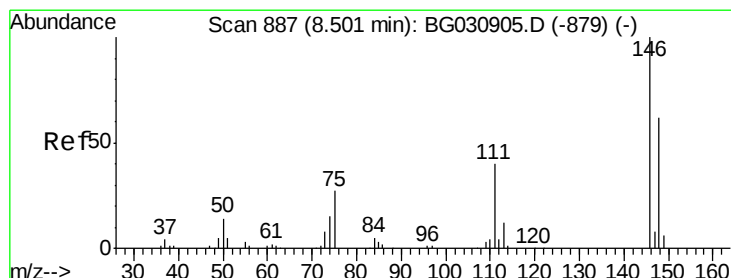
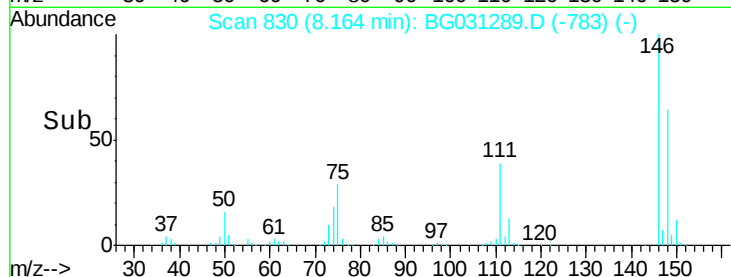
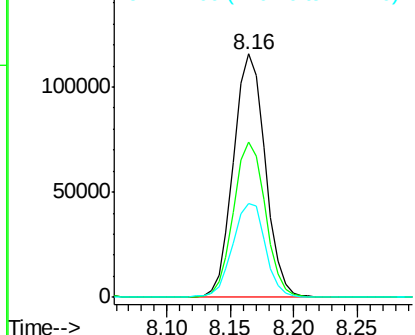
#13
 1,4-Dichlorobenzene
 Concen: 40.55 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	53.7	80.5
111	38.7	35.2	52.8

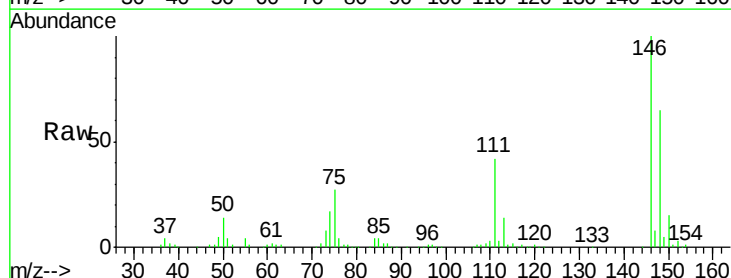


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

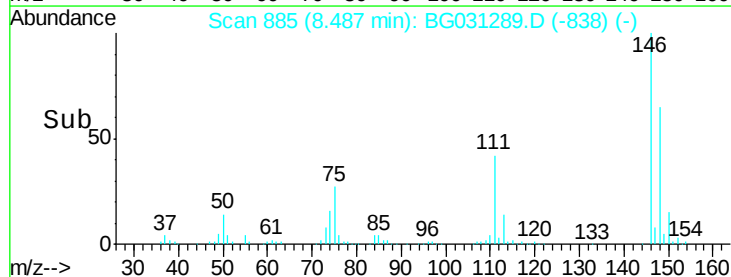
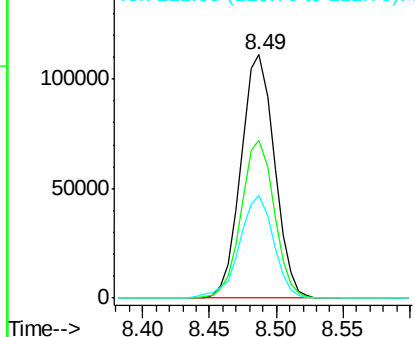


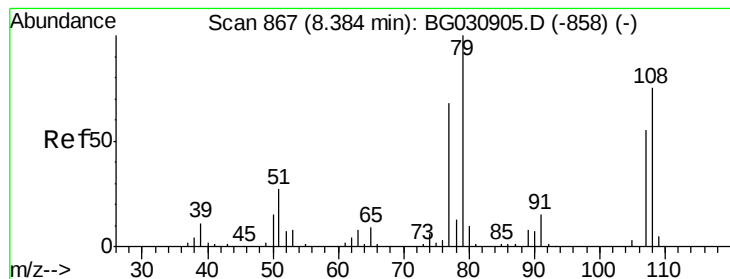
#14
 1,2-Dichlorobenzene
 Concen: 40.80 ng
 RT: 8.49 min Scan# 885
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	42.1	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: 36.52 ng

RT: 8.37 min Scan# 865

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

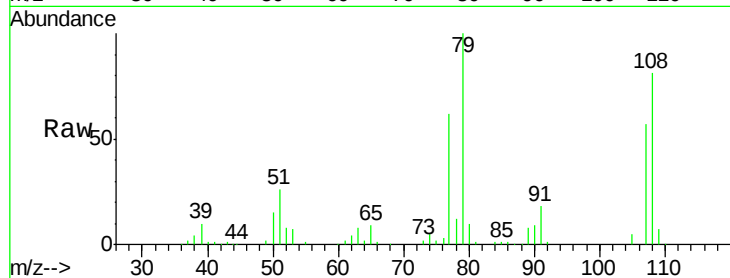
Tot Ion: 79 Resp: 148320

Ion Ratio Lower Upper

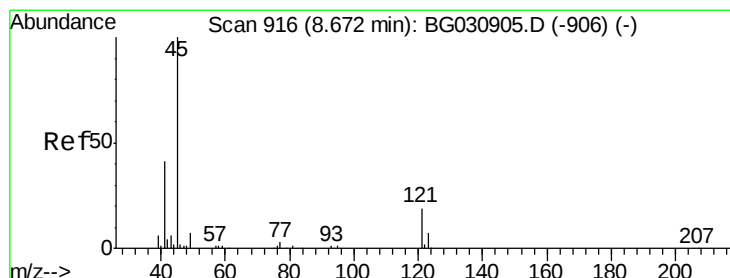
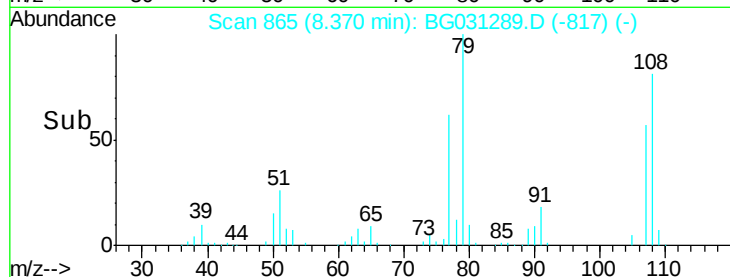
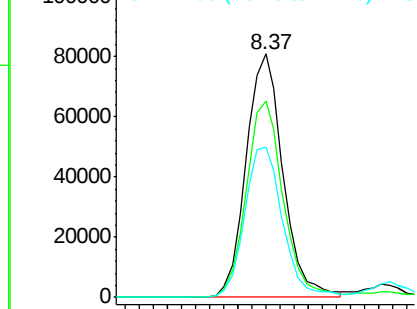
79 100

108 80.7 57.2 85.8

77 61.6 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.28 ng

RT: 8.65 min Scan# 913

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

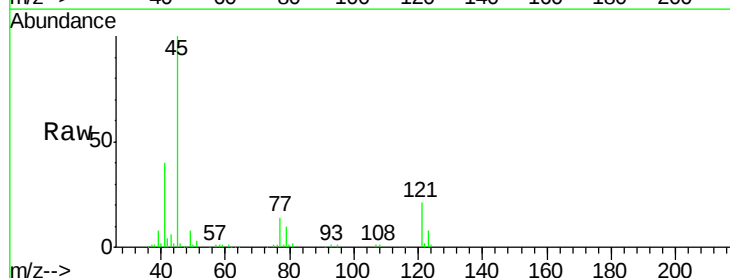
Tgt Ion: 45 Resp: 168261

Ion Ratio Lower Upper

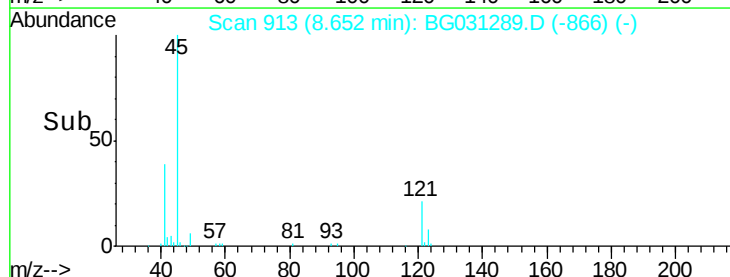
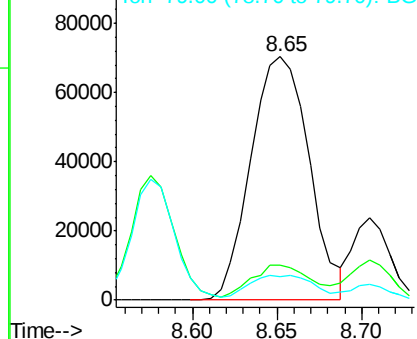
45 100

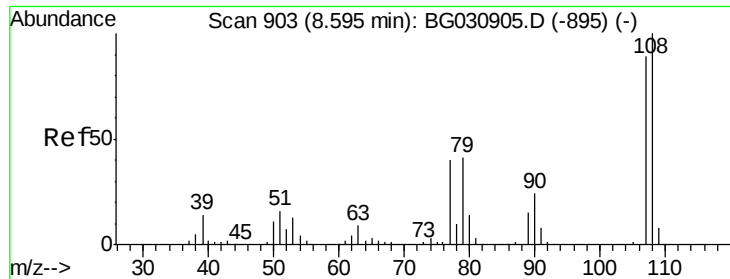
77 14.1 0.0 30.2

79 9.9 0.0 27.9



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

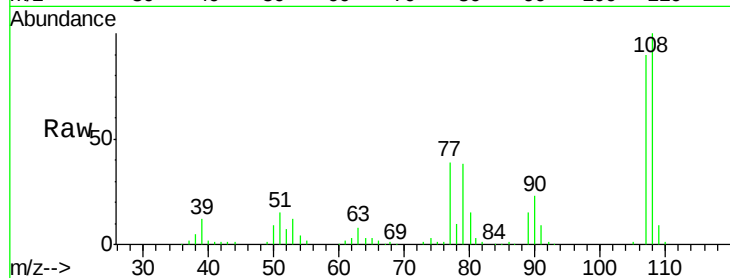




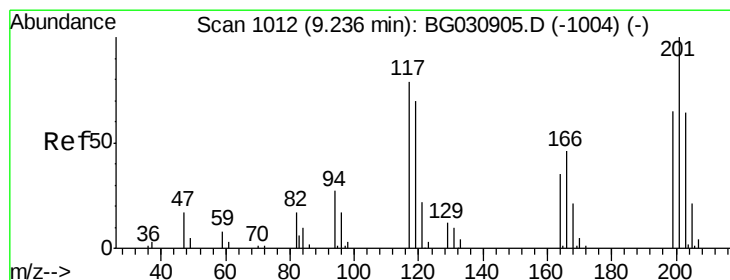
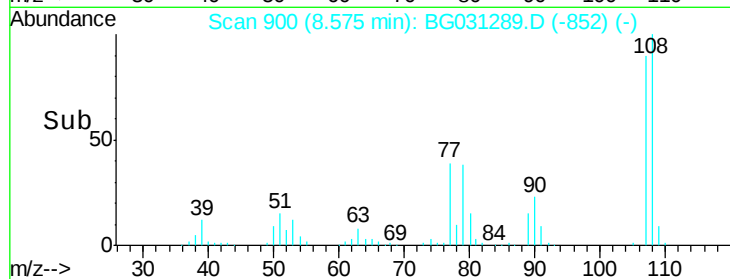
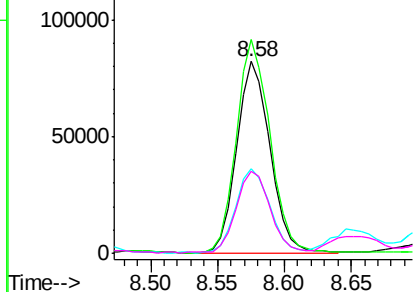
#17
2-Methylphenol
Concen: 38.80 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	142049
Ion	Ratio	Lower	Upper
107	100		
108	111.6	83.9	125.9
77	43.9	37.2	55.8
79	42.7	36.2	54.2

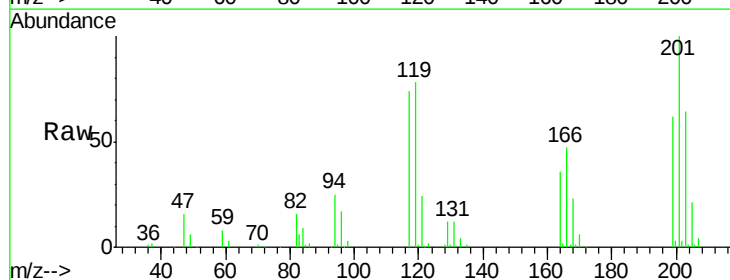


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

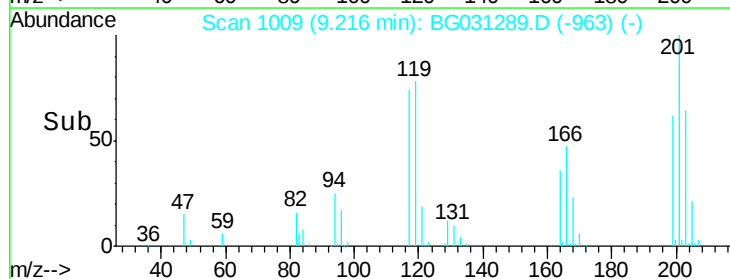
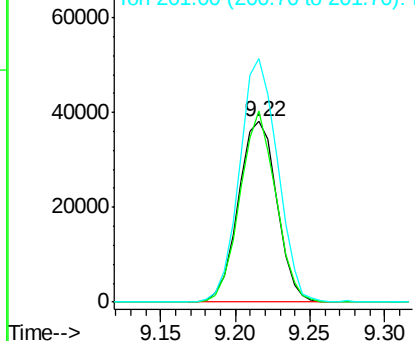


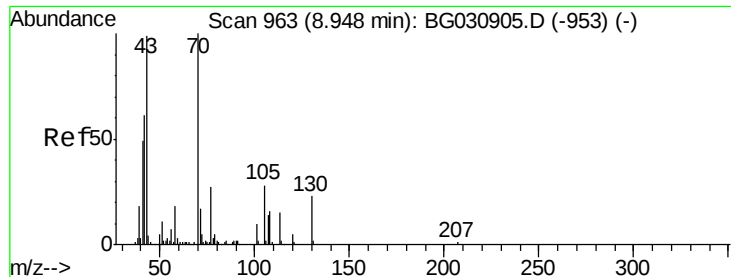
#18
Hexachloroethane
Concen: 39.52 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:	117	Resp:	67825
Ion	Ratio	Lower	Upper
117	100		
119	105.7	76.7	115.1
201	135.0	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

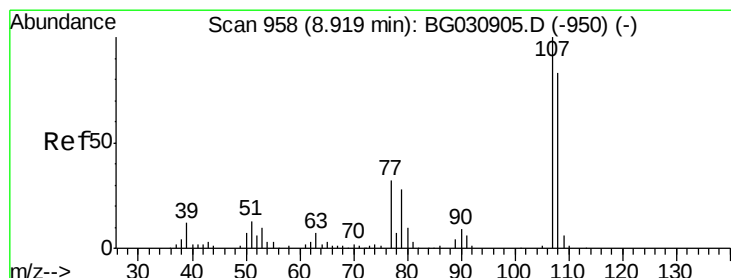
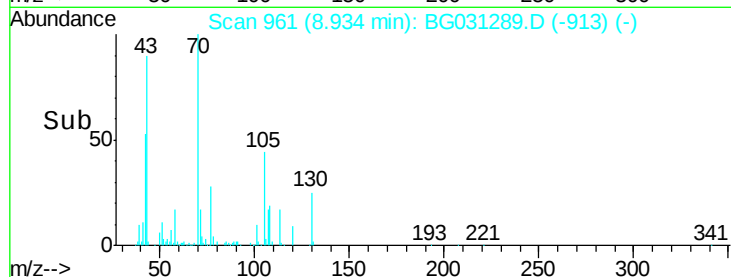
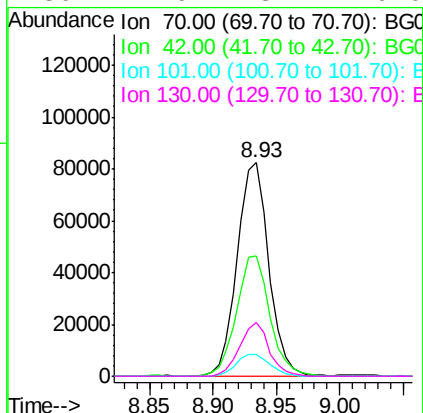
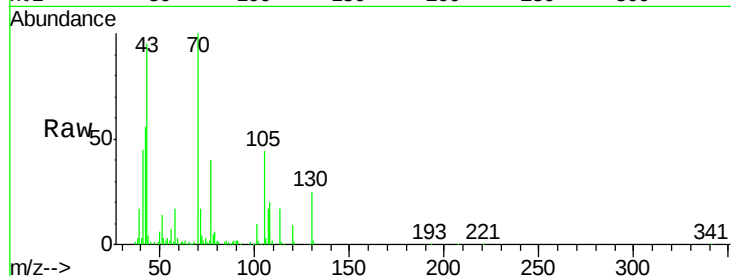




#19
n-Nitroso-di-n-propylamine
Concen: 37.13 ng
RT: 8.93 min Scan# 961
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

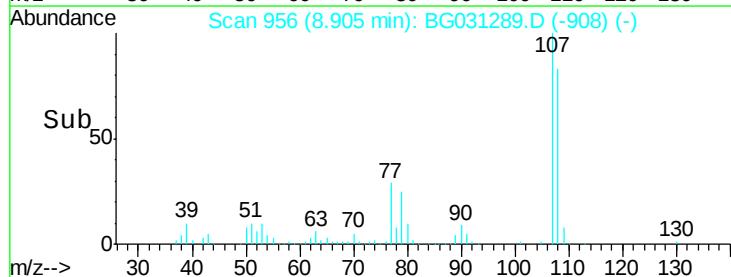
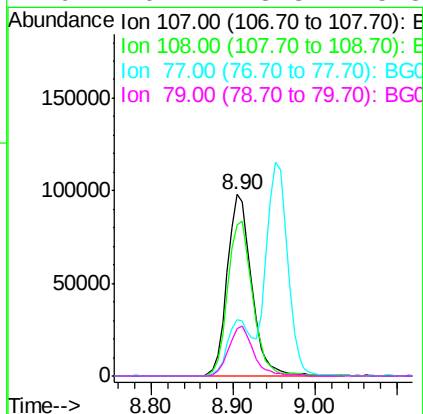
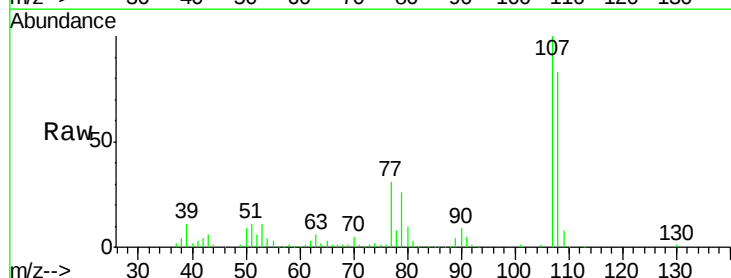
Instrument :
BNA_G
ClientSampleId :

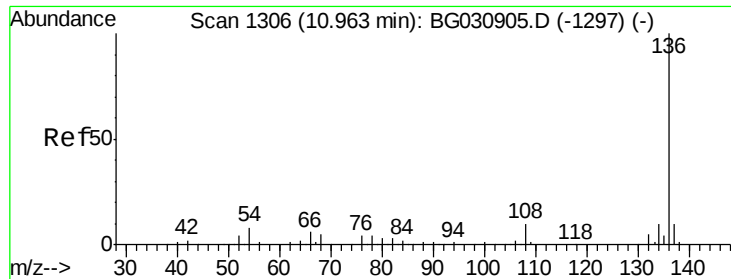
Tot Ion: 70 Resp: 142927
Ion Ratio Lower Upper
70 100
42 56.3 49.1 73.7
101 10.4 8.5 12.7
130 24.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.15 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion: 107 Resp: 203849
Ion Ratio Lower Upper
107 100
108 83.2 61.6 101.6
77 31.0 13.9 53.9
79 26.1 8.8 48.8

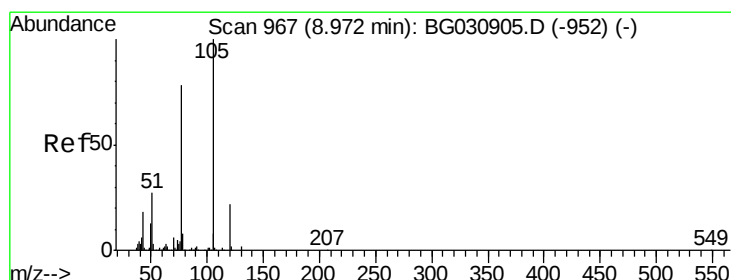
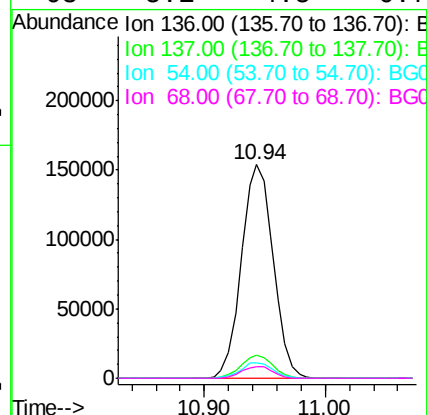
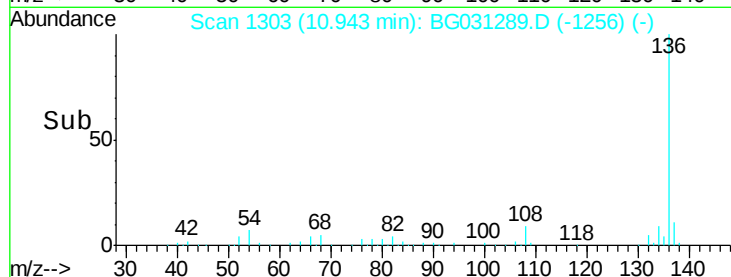
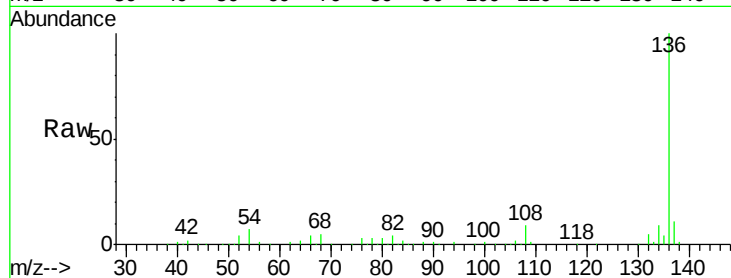




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

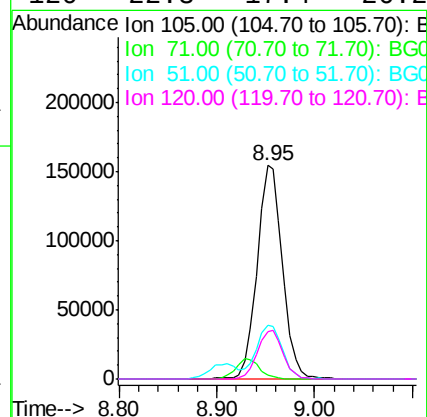
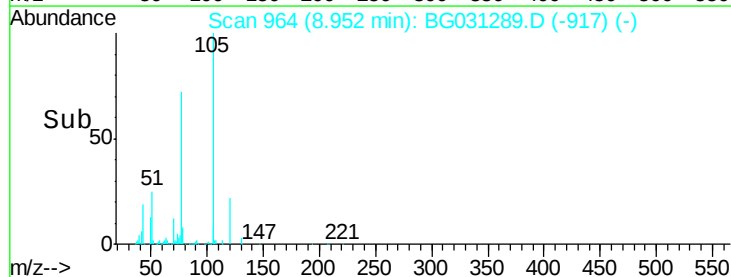
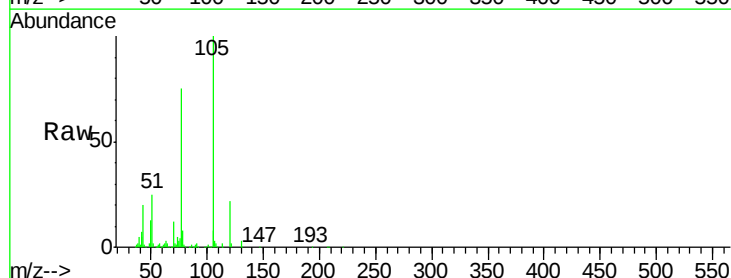
Instrument :
BNA_G
ClientSampleId :

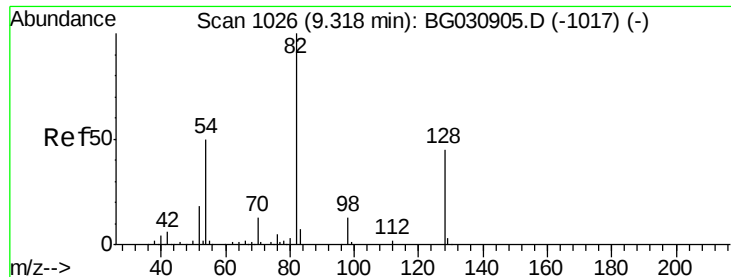
Tot Ion:136	Resp:	282311
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.2 13.8
54	7.2	10.3 15.5#
68	5.1	4.5 6.7



#22
Acetophenone
Concen: 40.06 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:105	Resp:	281623
Ion Ratio	Lower	Upper
105	100	
71	1.9	3.0 4.4#
51	25.3	26.1 39.1#
120	22.3	17.4 26.2

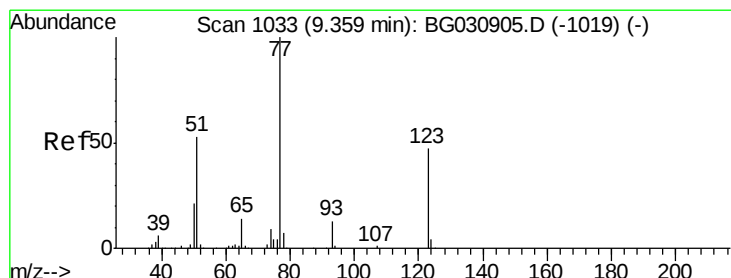
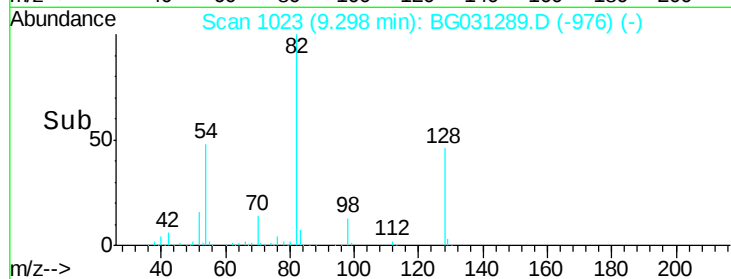
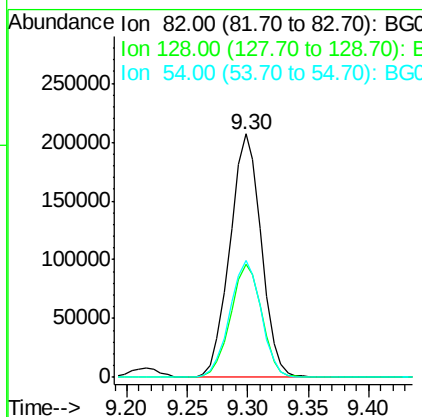
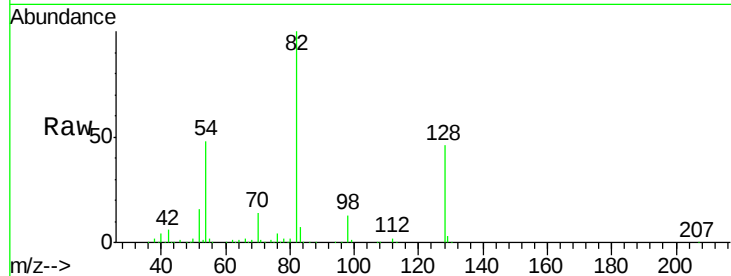




#23
Nitrobenzene-d5
Concen: 78.32 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

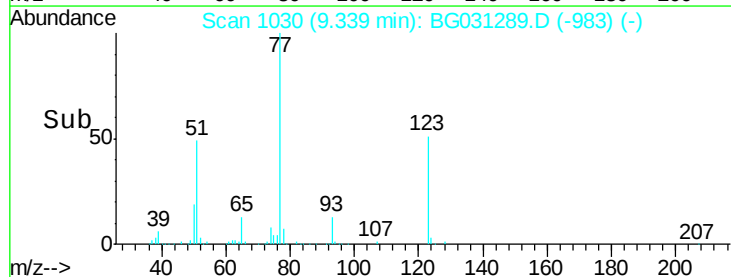
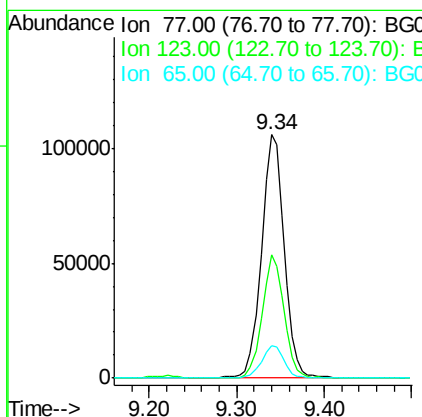
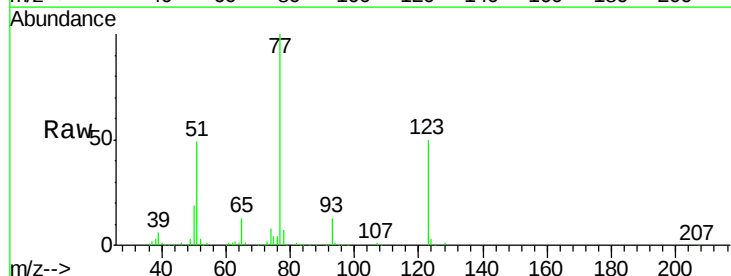
Instrument :
BNA_G
ClientSampleId :

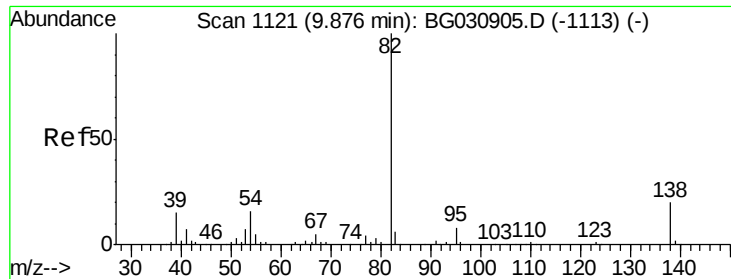
Tot Ion	82	Resp	373138
Ion Ratio	Lower	Upper	
82	100		
128	46.3	29.7	44.5#
54	48.1	43.1	64.7



#24
Nitrobenzene
Concen: 39.00 ng
RT: 9.34 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion	77	Resp	189799
Ion Ratio	Lower	Upper	
77	100		
123	50.5	33.0	49.6#
65	13.3	13.0	19.6





#25

Isophorone

Concen: 37.43 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

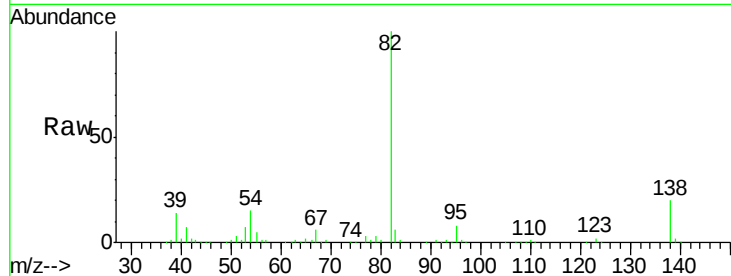
Tot Ion: 82 Resp: 347759

Ion Ratio Lower Upper

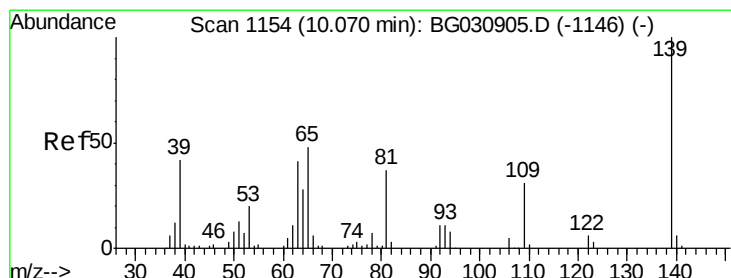
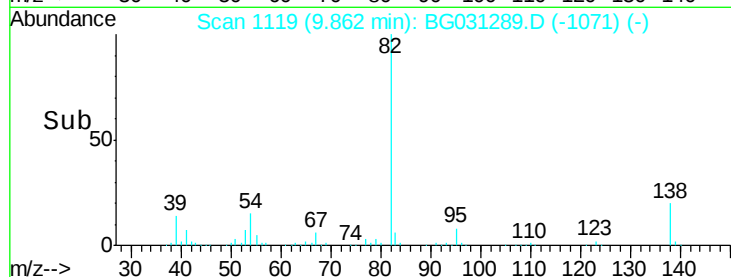
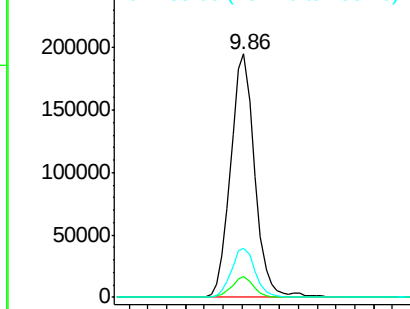
82 100

95 8.4 6.2 9.2

138 20.1 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 41.85 ng

RT: 10.06 min Scan# 1152

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

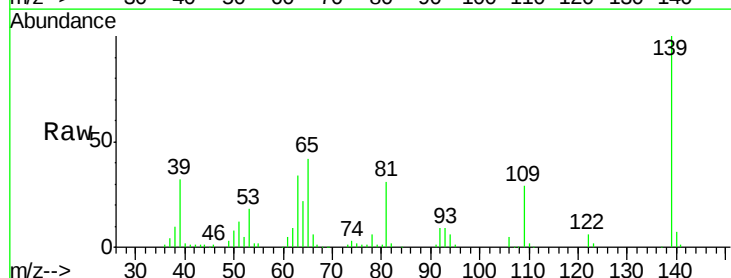
Tgt Ion: 139 Resp: 106173

Ion Ratio Lower Upper

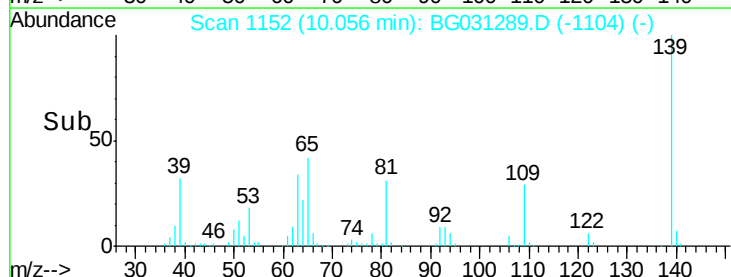
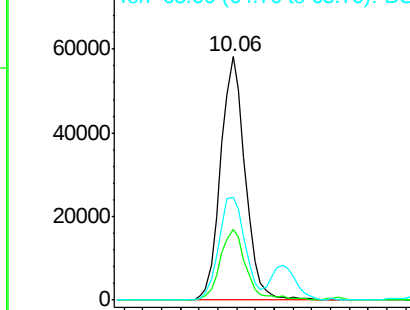
139 100

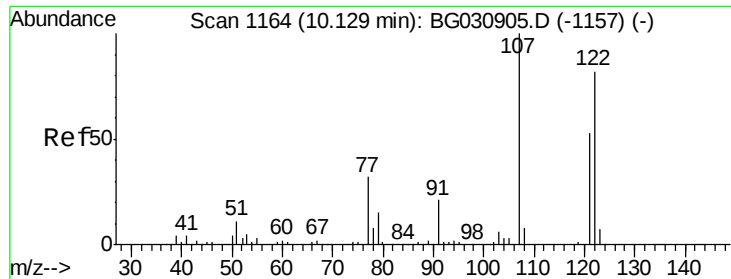
109 28.8 24.2 36.2

65 42.5 47.4 71.0#



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

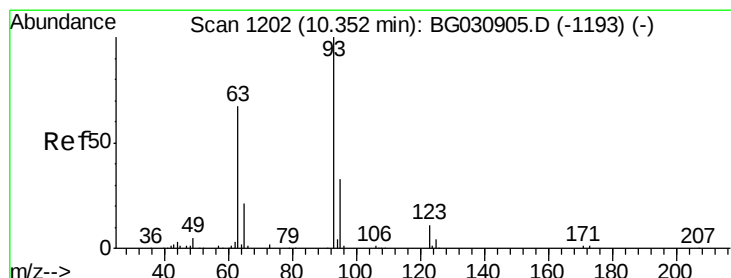
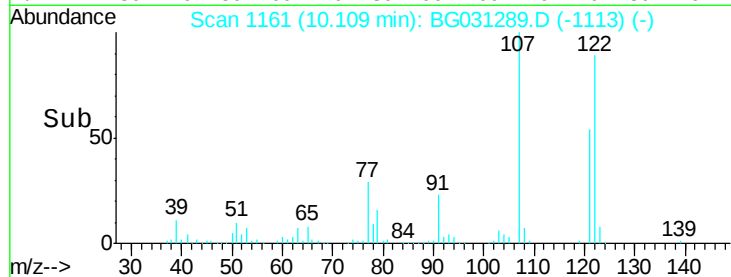
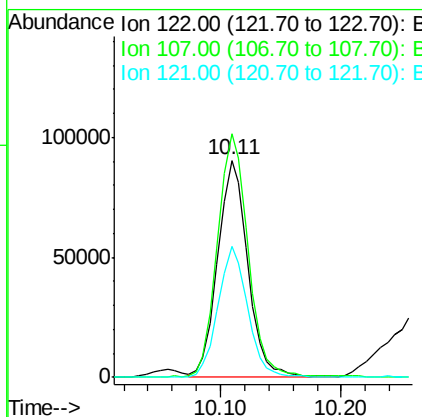
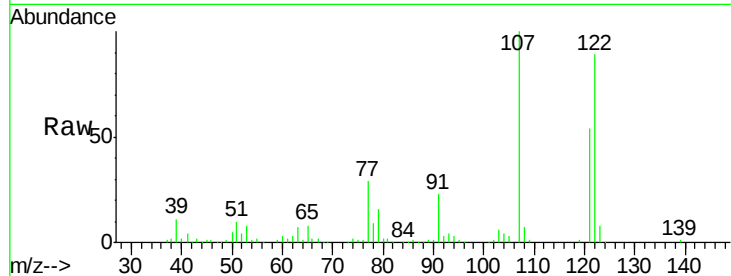




#27
 2,4-Dimethylphenol
 Concen: 40.85 ng
 RT: 10.11 min Scan# 1161
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

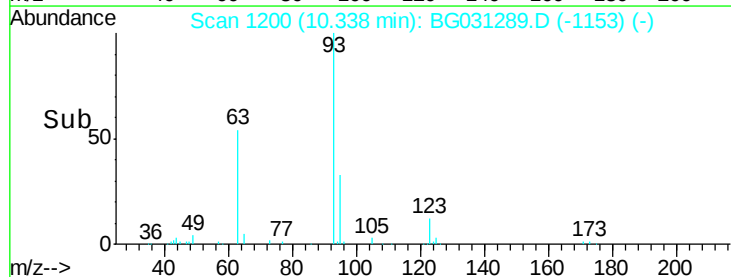
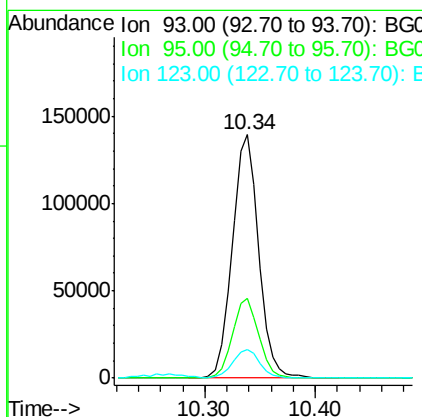
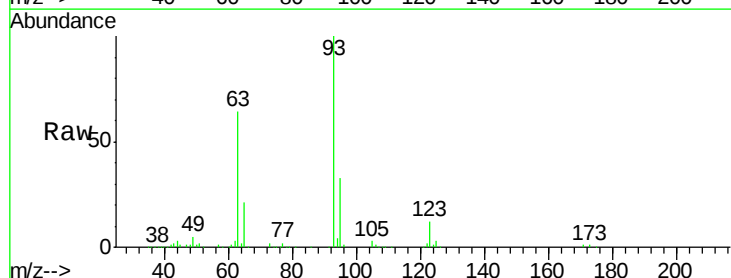
Instrument :
 BNA_G
 ClientSampleId :

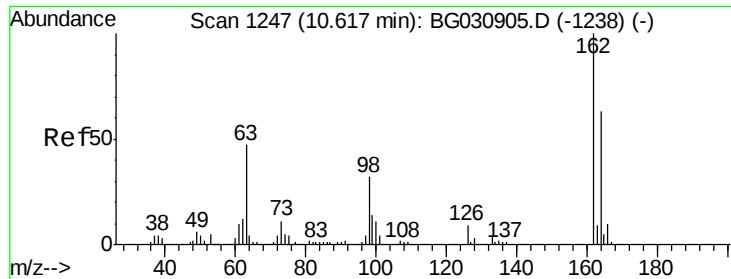
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	112.2	100.2	150.2	
121	60.2	44.4	66.6	



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.82 ng
 RT: 10.34 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.5	24.3	36.5	
123	12.0	8.4	12.6	

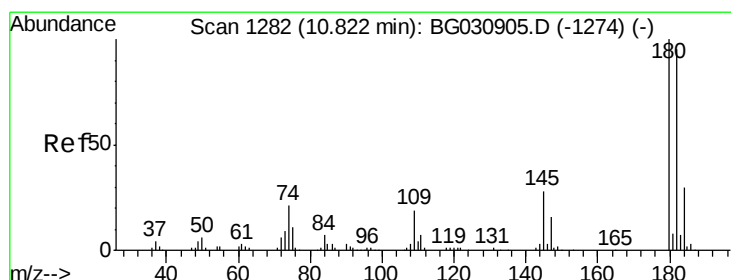
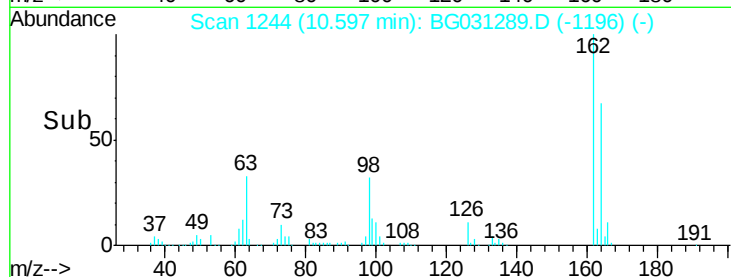
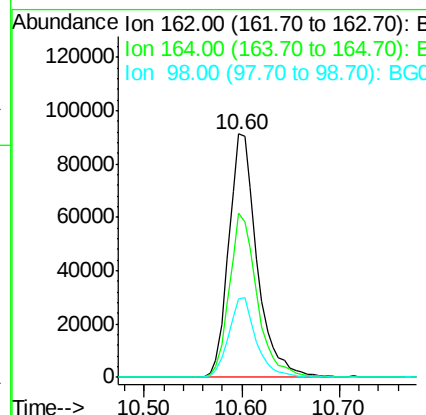
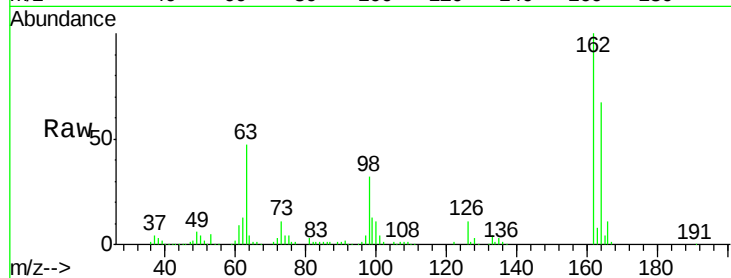




#29
 2,4-Dichlorophenol
 Concen: 40.75 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

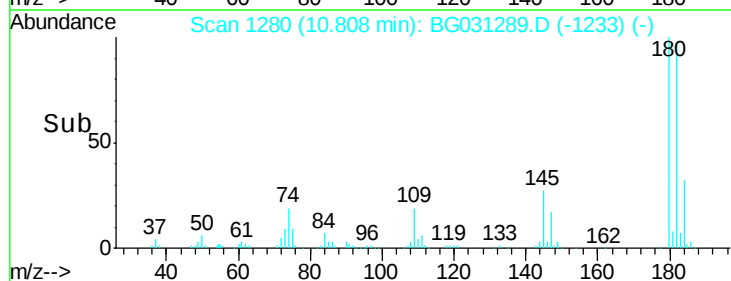
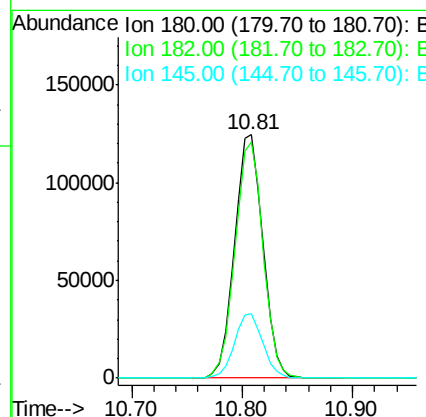
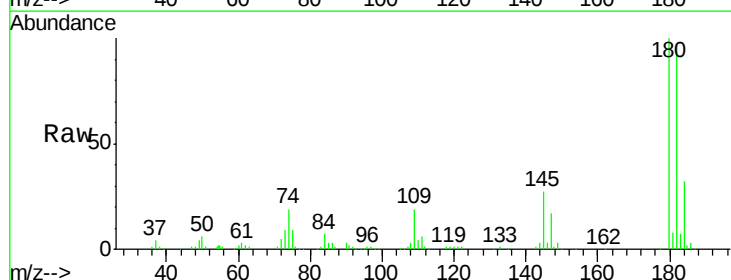
Instrument :
 BNA_G
 ClientSampleId :

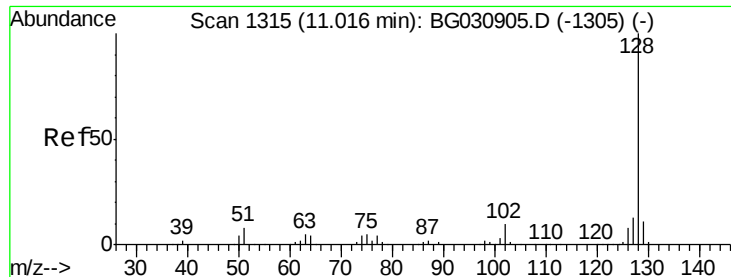
Tot Ion	162	Resp	184304
Ion	Ratio	Lower	Upper
162	100		
164	67.3	48.0	88.0
98	32.3	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.64 ng
 RT: 10.81 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	180	Resp	224833
Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.5	116.3
145	26.7	23.4	35.2

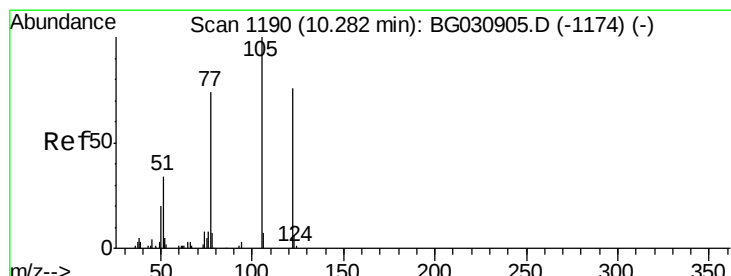
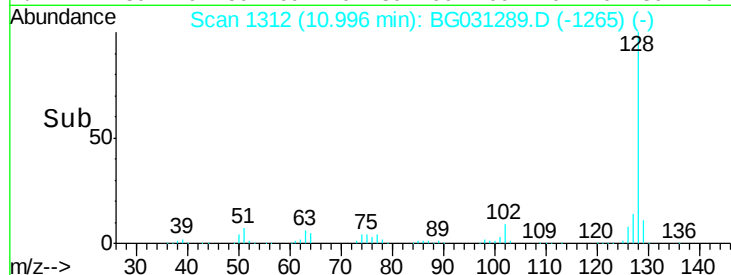
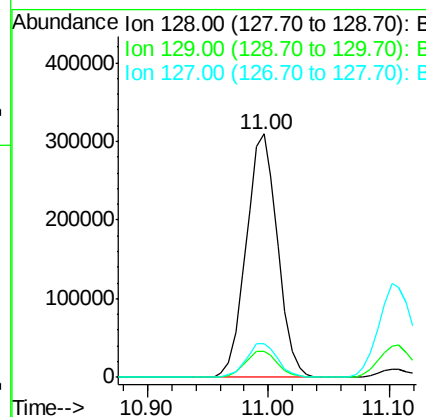
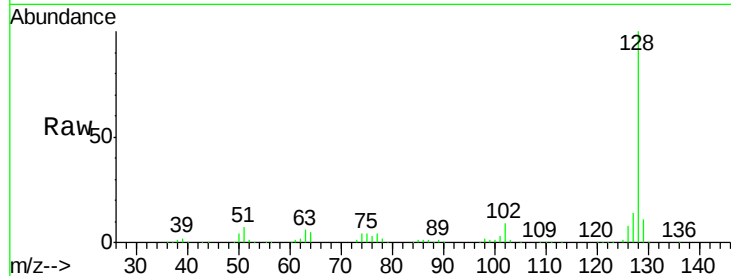




#31
Naphthalene
Concen: 40.30 ng
RT: 11.00 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

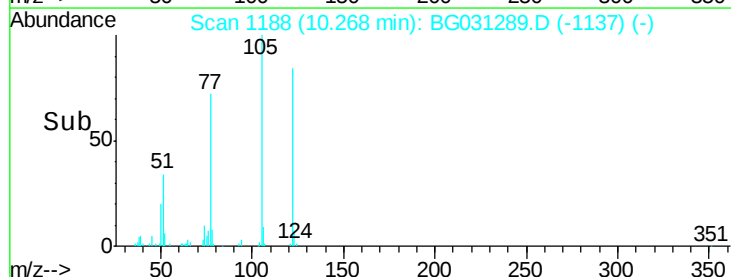
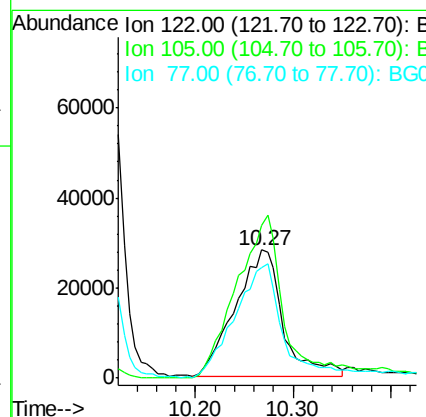
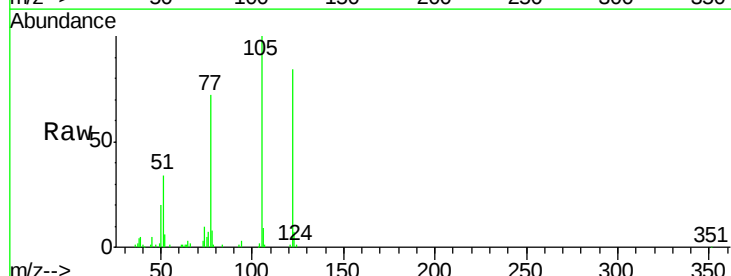
Instrument :
BNA_G
ClientSampleId :

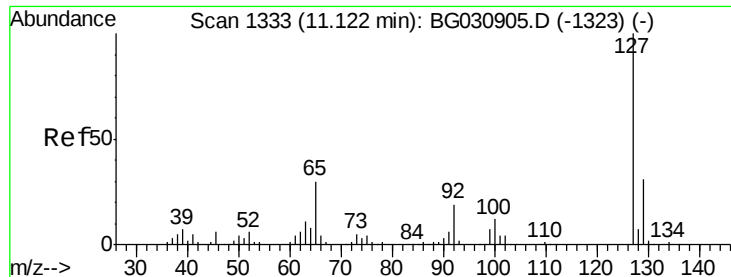
Tot Ion:128 Resp: 559249
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.8 11.6 17.4



#32
Benzoic acid
Concen: 32.34 ng
RT: 10.27 min Scan# 1188
Delta R.T. -0.00 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:122 Resp: 94880
Ion Ratio Lower Upper
122 100
105 119.1 123.5 163.5#
77 86.2 85.7 125.7

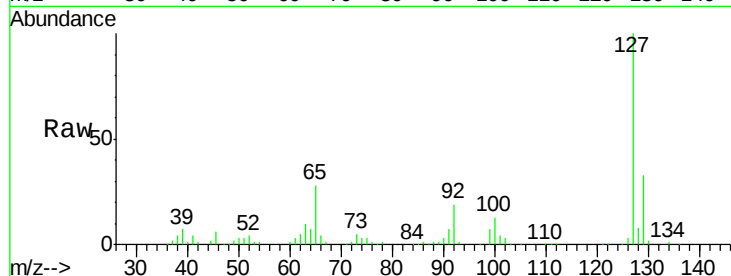




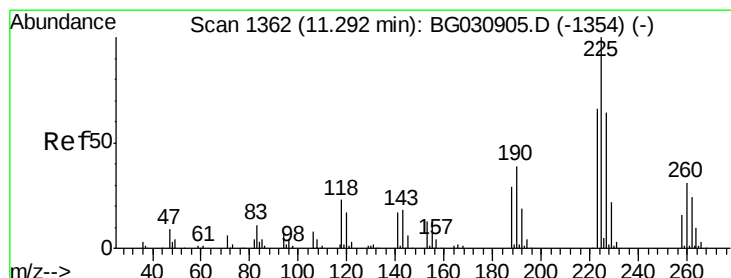
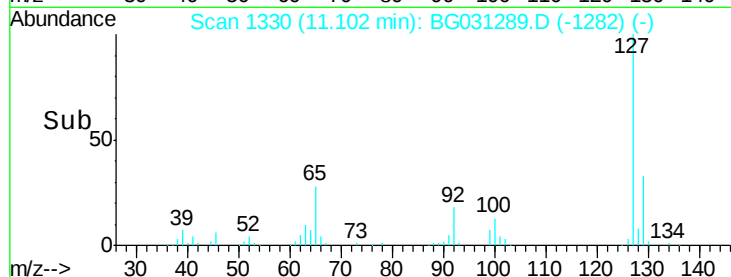
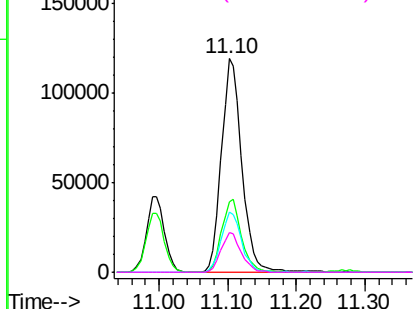
#33
4-Chloroaniline
Concen: 40.72 ng
RT: 11.10 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	247399
Ion	Ratio	Lower	Upper
127	100		
129	32.9	24.0	36.0
65	28.2	27.0	40.4
92	18.6	16.6	25.0

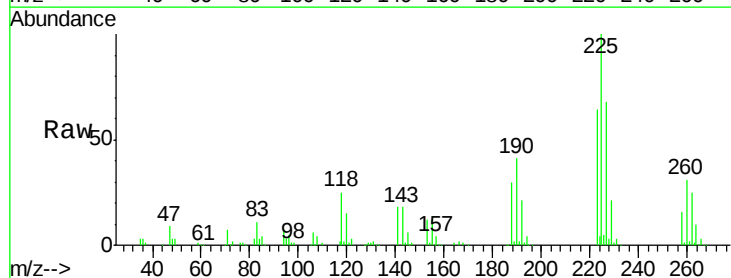


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

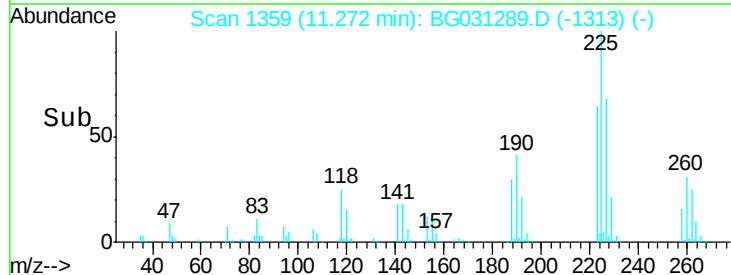
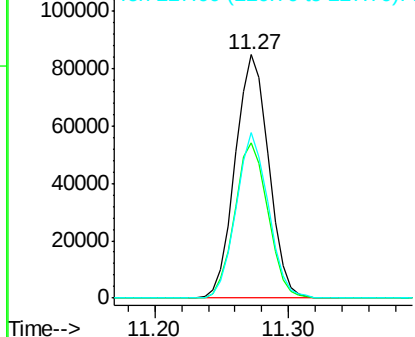


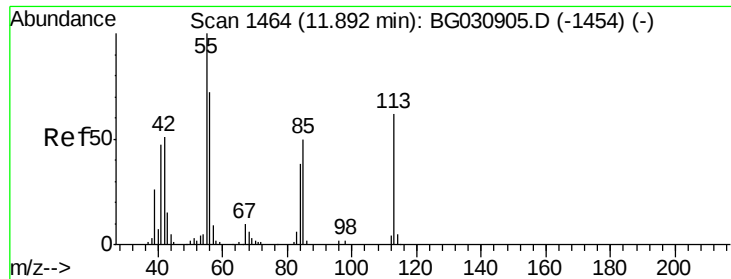
#34
Hexachlorobutadiene
Concen: 39.36 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:	225	Resp:	147373
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.7	74.5
227	67.9	48.1	72.1



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





#35

Caprolactam

Concen: 35.87 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

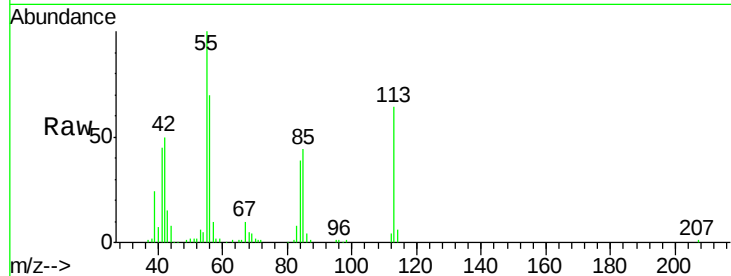
Tot Ion:113 Resp: 66273

Ion Ratio Lower Upper

113 100

55 157.3 186.9 226.9#

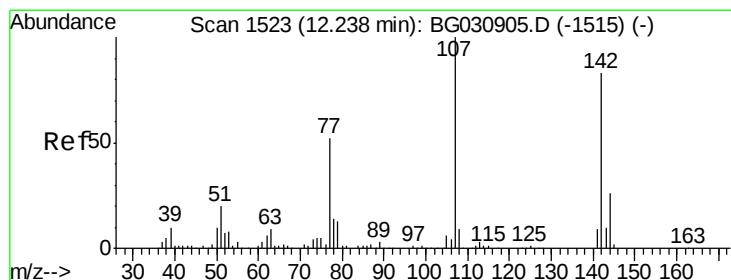
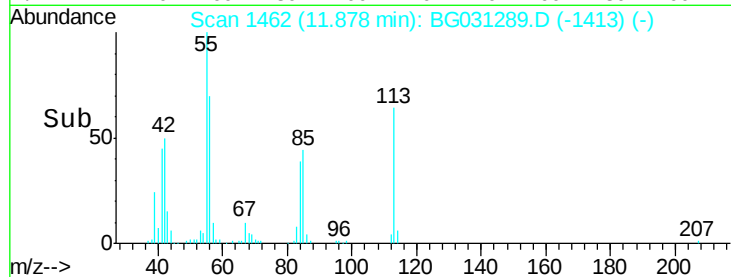
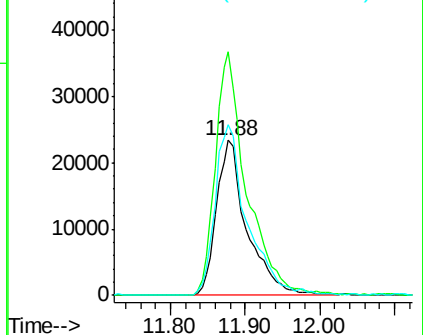
56 110.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 39.08 ng

RT: 12.22 min Scan# 1521

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

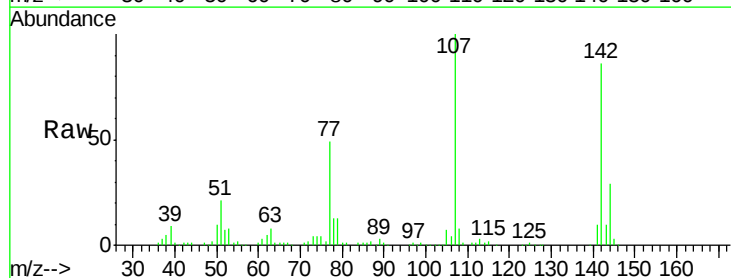
Tgt Ion:107 Resp: 192338

Ion Ratio Lower Upper

107 100

144 29.1 18.2 27.4#

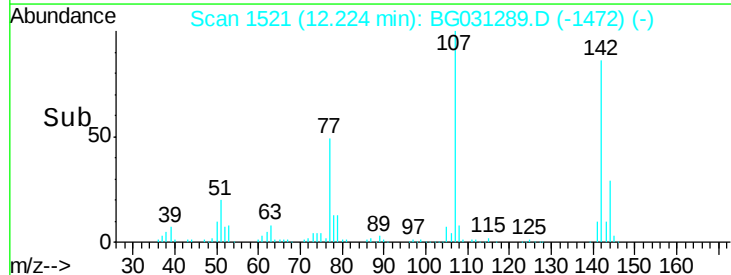
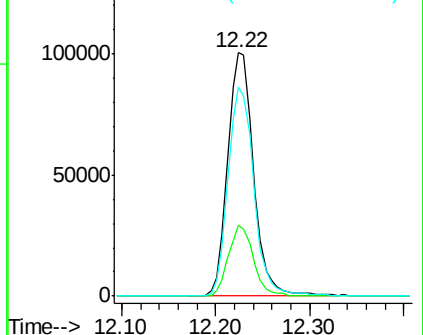
142 86.0 59.0 88.4

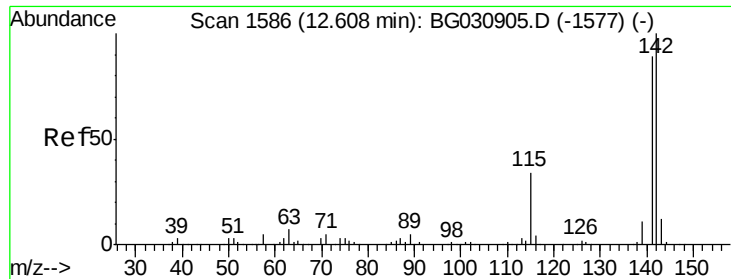


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

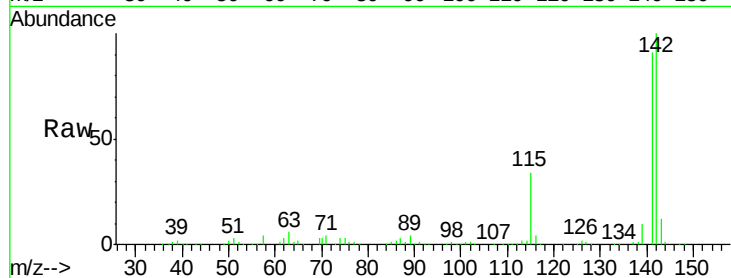




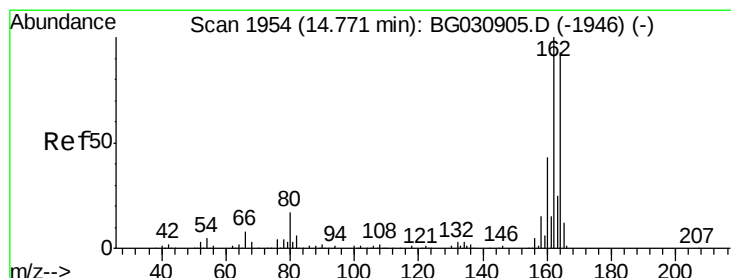
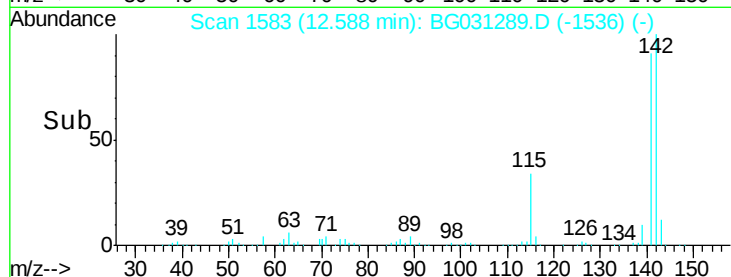
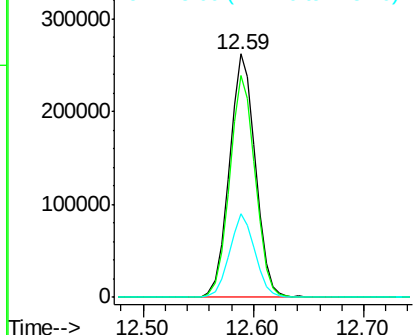
#37
2-Methylnaphthalene
Concen: 40.44 ng
RT: 12.59 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 433262
Ion Ratio Lower Upper
142 100
141 91.1 67.1 100.7
115 34.4 30.7 46.1

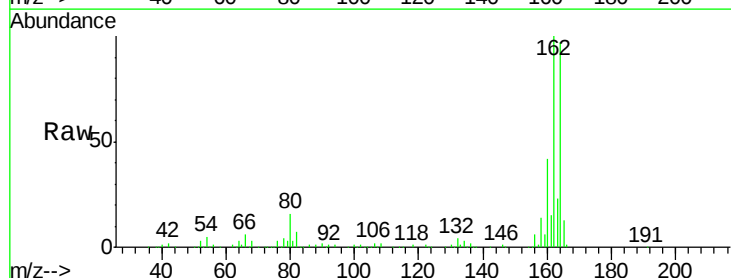


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

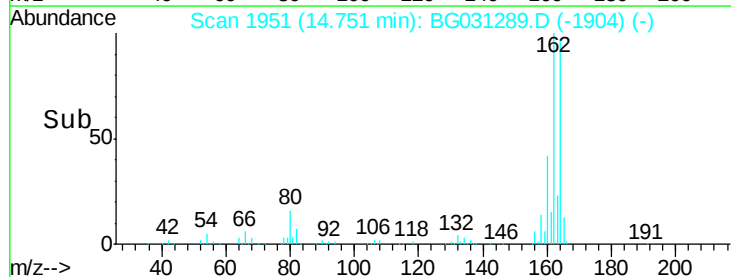
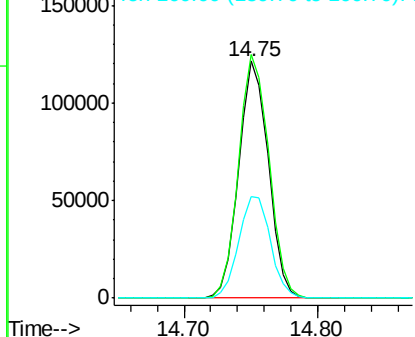


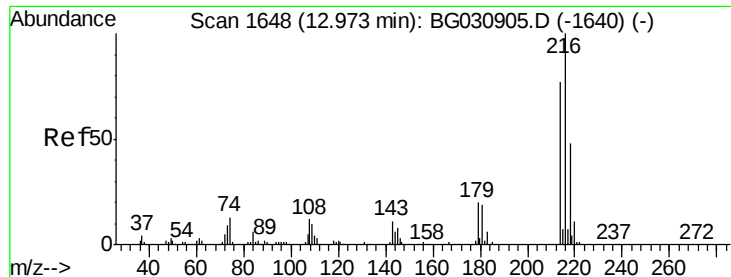
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:164 Resp: 185687
Ion Ratio Lower Upper
164 100
162 102.7 78.8 118.2
160 43.0 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

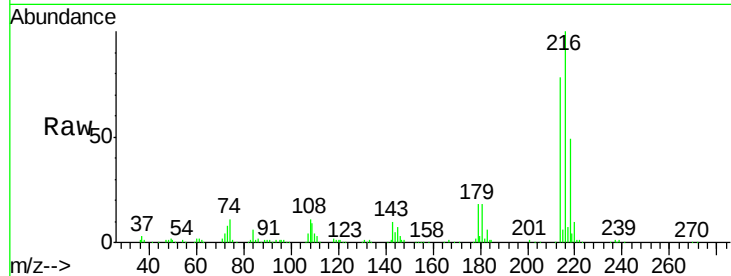




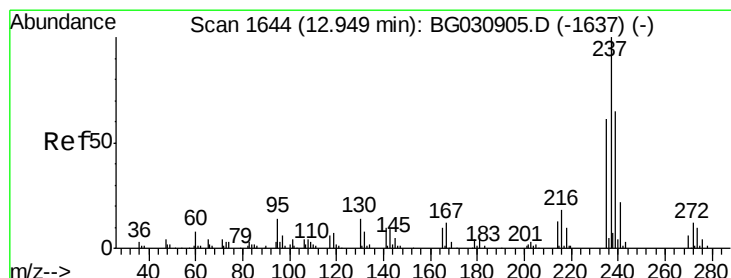
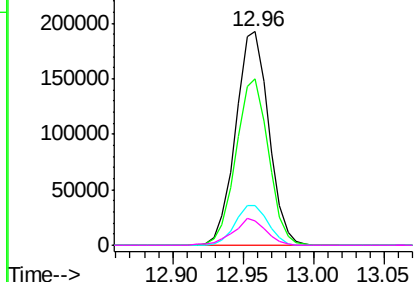
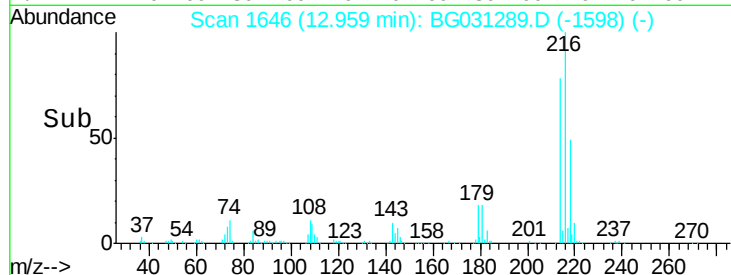
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.71 ng
 RT: 12.96 min Scan# 1646
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:216 Resp: 314777
 Ion Ratio Lower Upper
 216 100
 214 76.7 63.0 94.4
 179 18.6 17.0 25.6
 108 12.3 12.8 19.2#

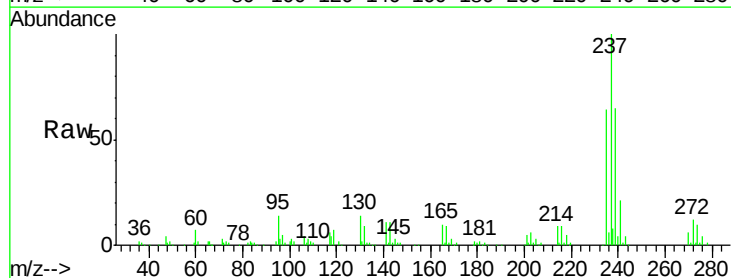


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

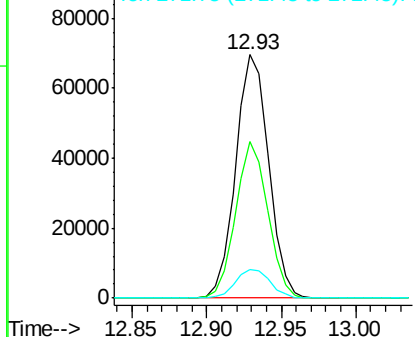
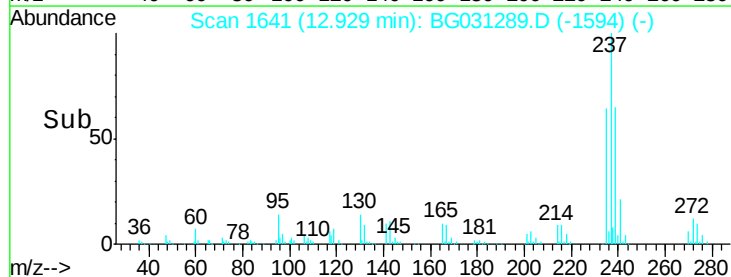


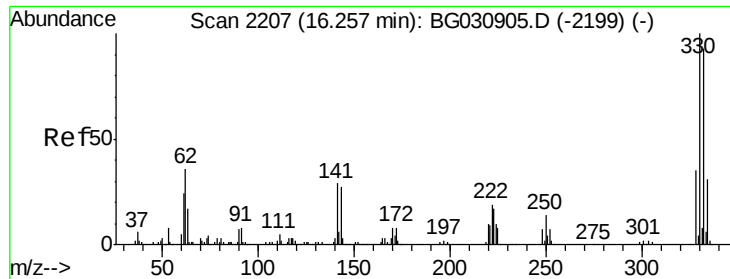
#40
 Hexachlorocyclopentadiene
 Concen: 44.58 ng
 RT: 12.93 min Scan# 1641
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion:237 Resp: 106667
 Ion Ratio Lower Upper
 237 100
 235 64.3 50.4 90.4
 272 11.5 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

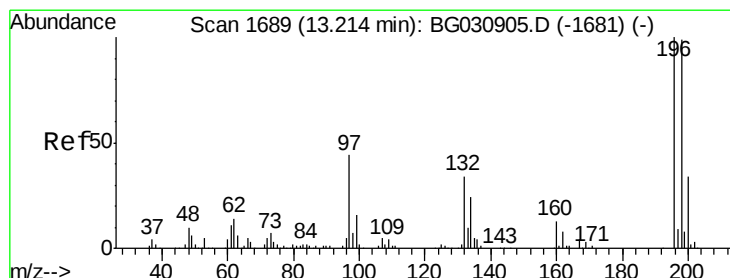
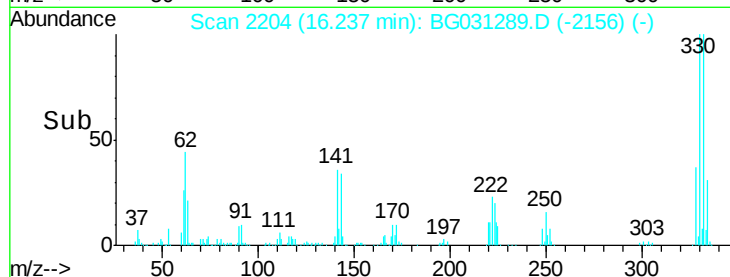
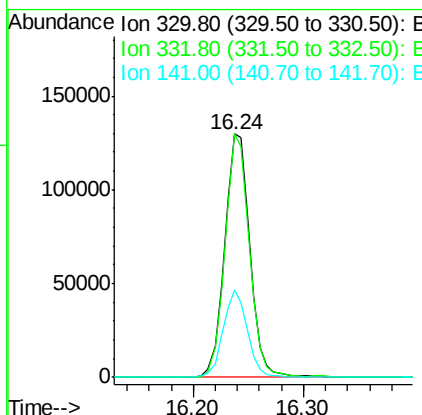
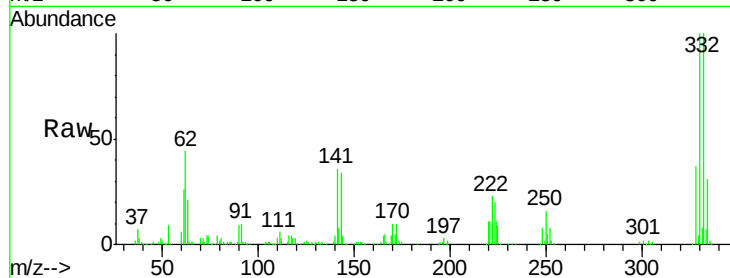




#41
 2,4,6-Tribromophenol
 Concen: 68.99 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

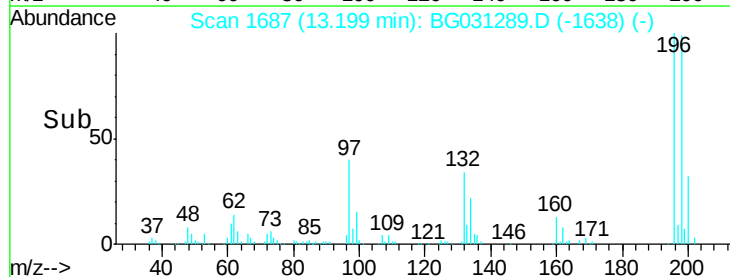
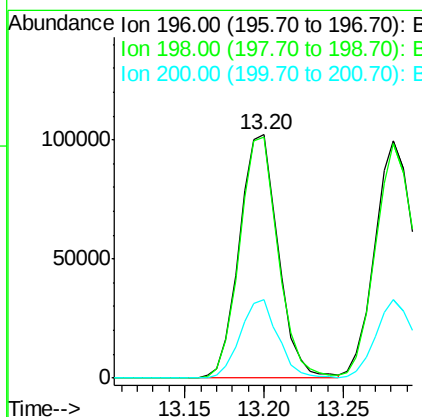
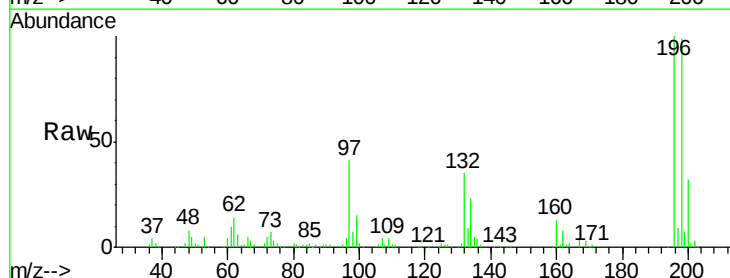
Instrument :
 BNA_G
 ClientSampleId :

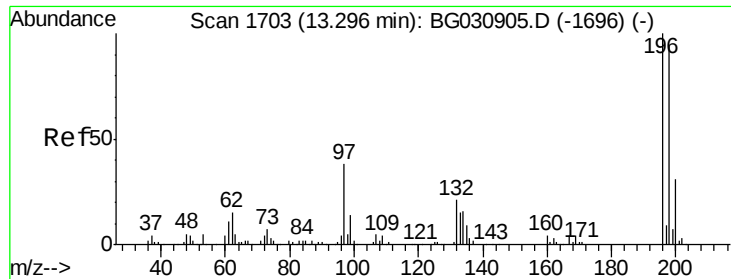
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	34.4	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 41.14 ng
 RT: 13.20 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.1	78.2	117.2
200	32.0	24.6	36.8

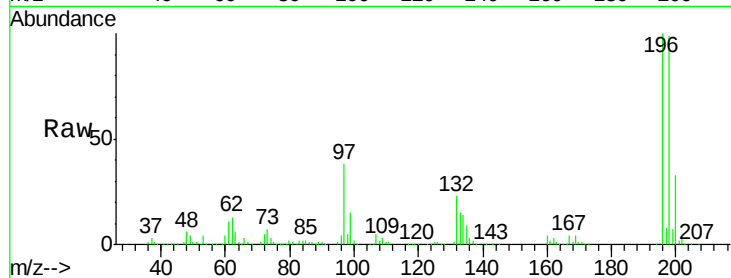




#43
 2,4,5-Trichlorophenol
 Concen: 40.24 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	196	Resp	185496
Ion Ratio	Lower	Upper	
196	100		
198	98.8	76.2	114.4
97	37.9	38.7	58.1
132	22.6	20.2	30.2



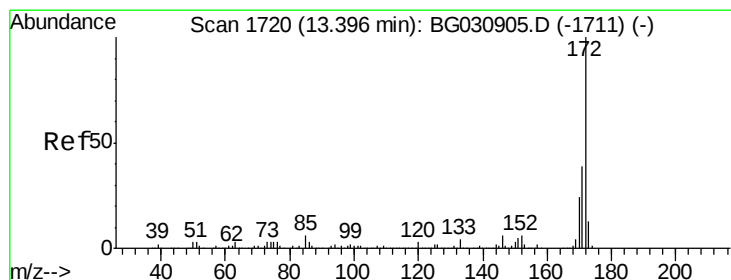
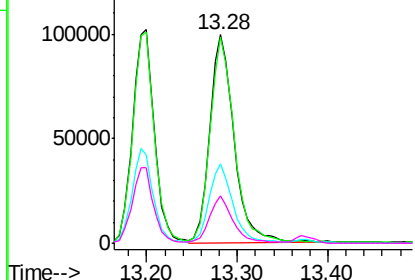
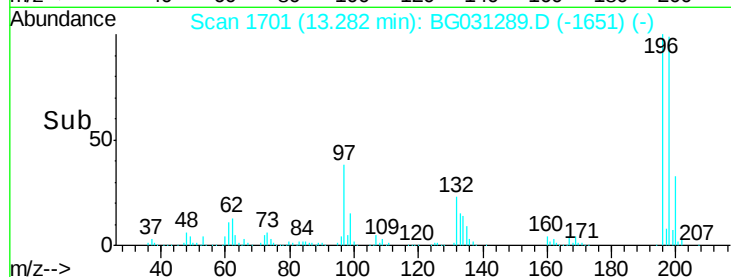
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

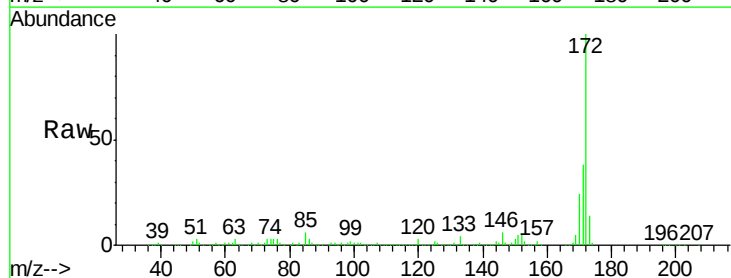
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.20 ng
 RT: 13.38 min Scan# 1717
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	172	Resp	1062249
Ion Ratio	Lower	Upper	
172	100		
171	38.4	30.0	45.0
170	24.0	19.5	29.3

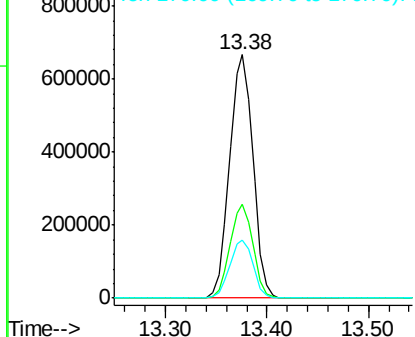
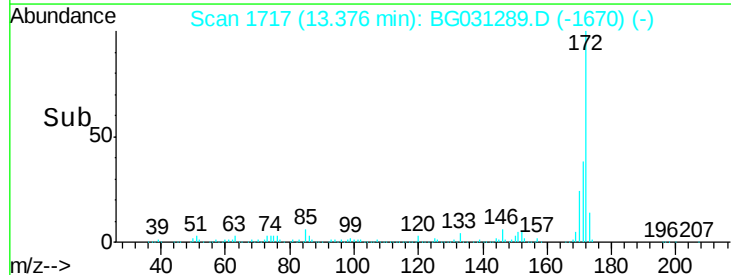


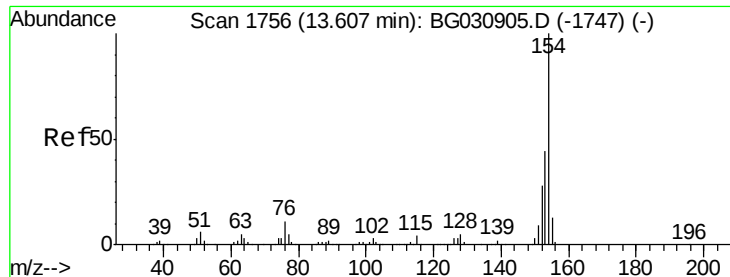
Abundance

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

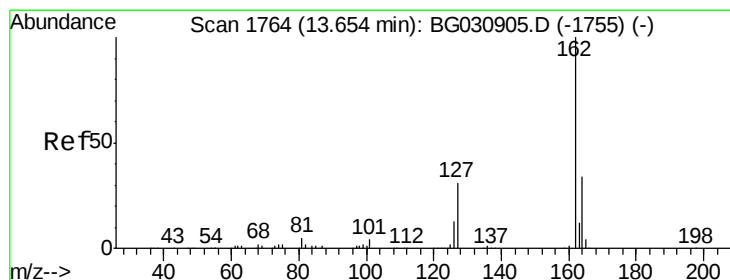
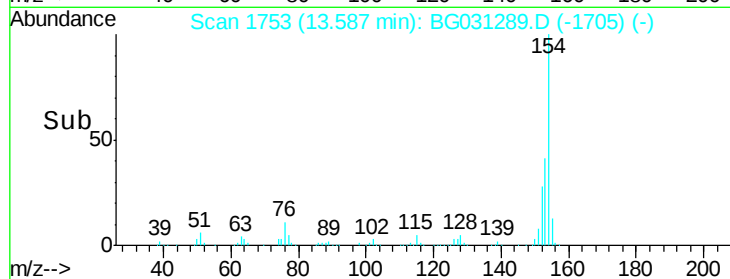
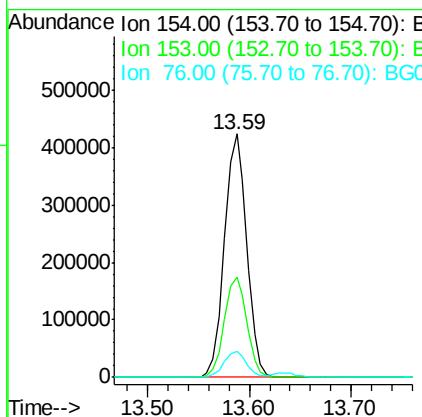
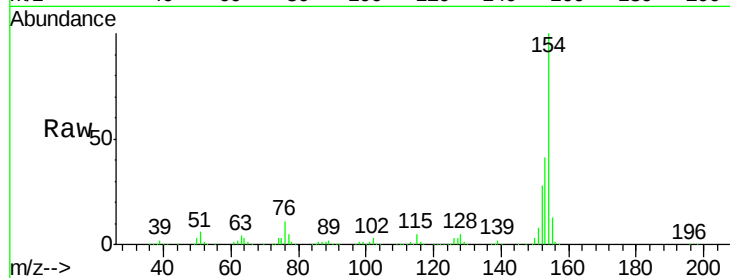




#45
 1,1'-Biphenyl
 Concen: 41.87 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

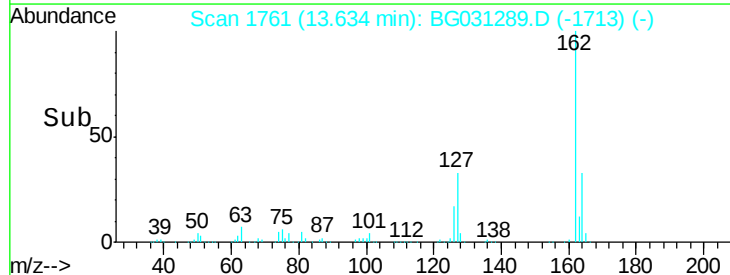
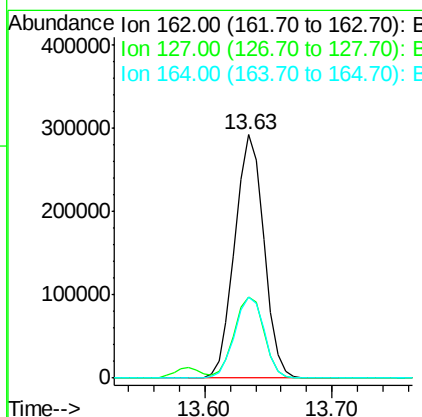
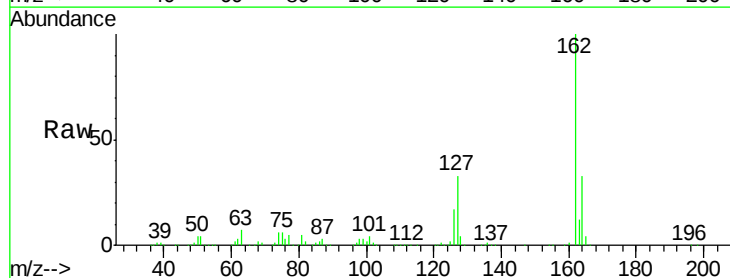
Instrument :
 BNA_G
 ClientSampleId :

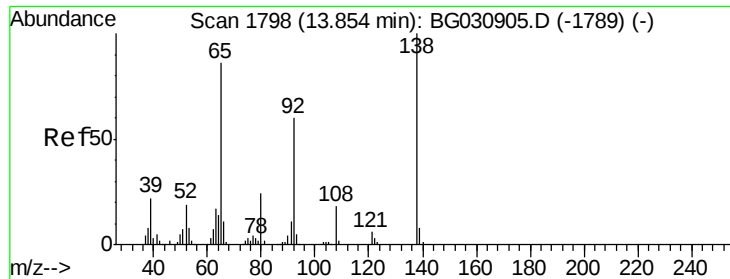
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	19.8	59.8
76	10.8	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.85 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ratio	Lower	Upper
162	100		
127	33.1	30.7	46.1
164	33.4	26.0	39.0





#47

2-Nitroaniline

Concen: 38.19 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

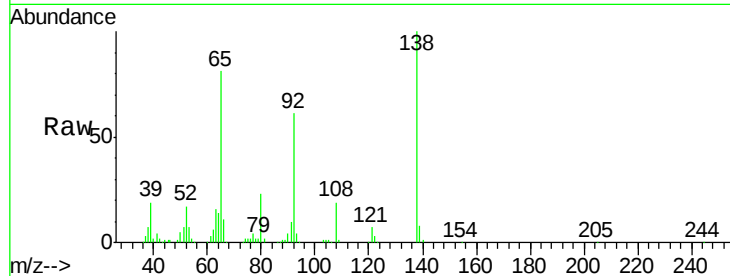
Tot Ion: 65 Resp: 125738

Ion Ratio Lower Upper

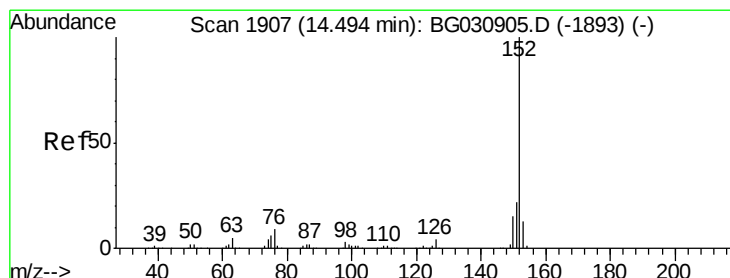
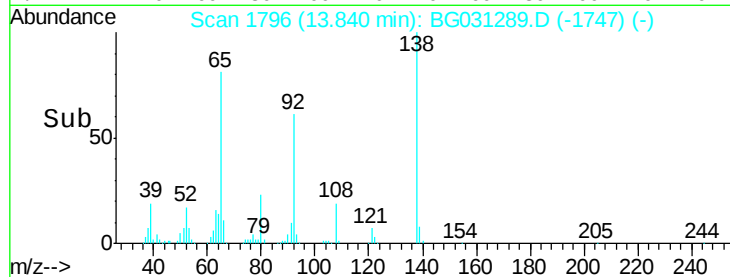
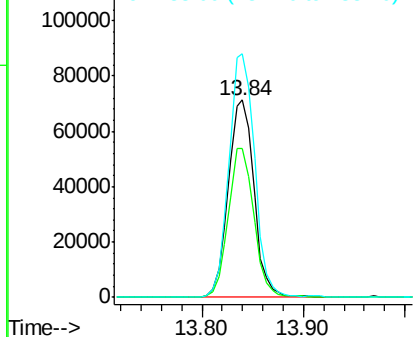
65 100

92 75.5 54.6 82.0

138 123.6 72.9 109.3#



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



#48

Acenaphthylene

Concen: 41.07 ng

RT: 14.48 min Scan# 1905

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

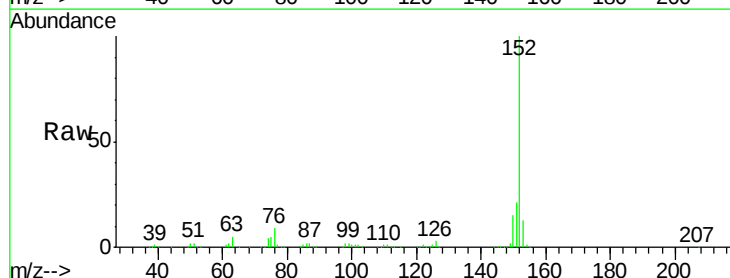
Tgt Ion: 152 Resp: 746857

Ion Ratio Lower Upper

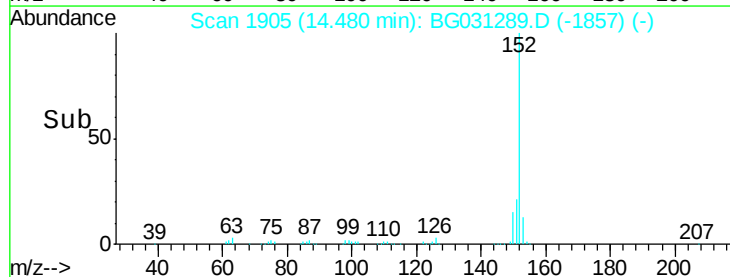
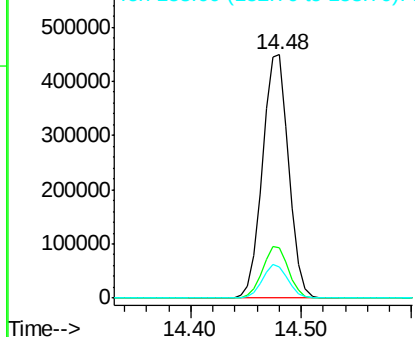
152 100

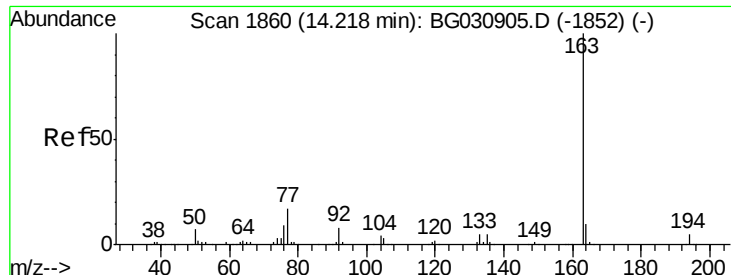
151 20.8 17.2 25.8

153 12.9 10.2 15.4



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





#49

Dimethylphthalate

Concen: 40.09 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

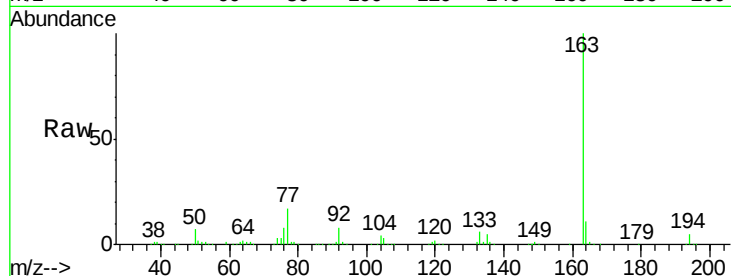
Tot Ion:163 Resp: 643589

Ion Ratio Lower Upper

163 100

194 4.9 3.4 5.2

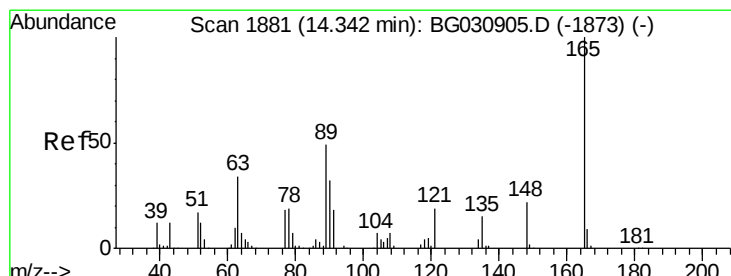
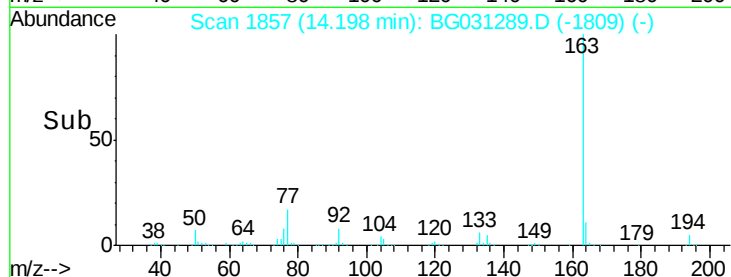
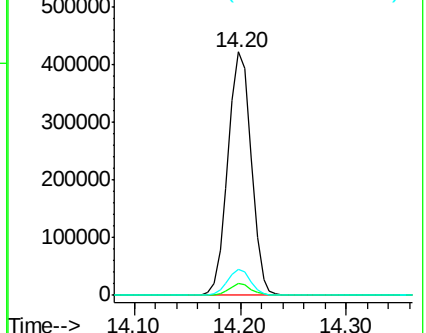
164 10.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 42.19 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

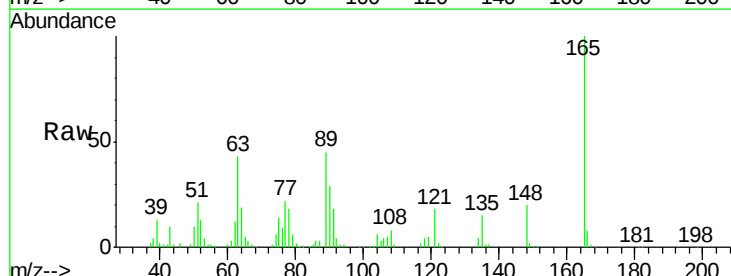
Tgt Ion:165 Resp: 139615

Ion Ratio Lower Upper

165 100

63 43.2 52.7 79.1#

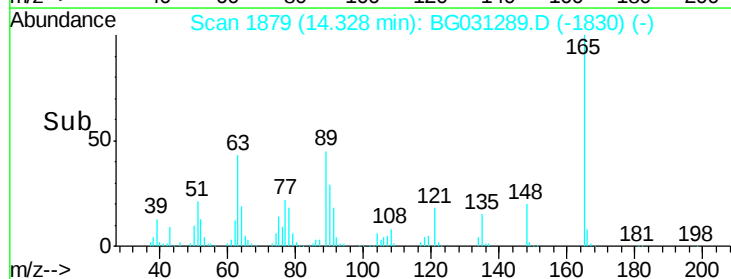
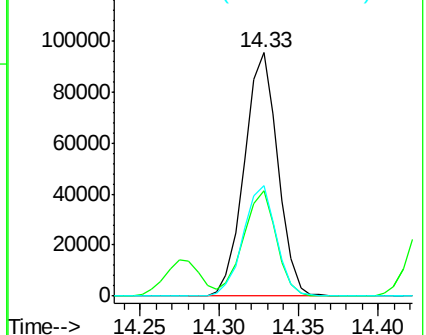
89 45.4 49.2 73.8#

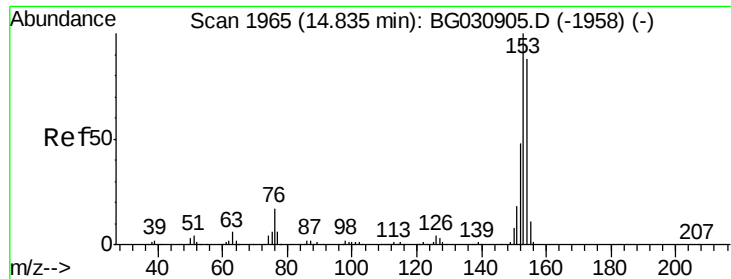


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 41.61 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

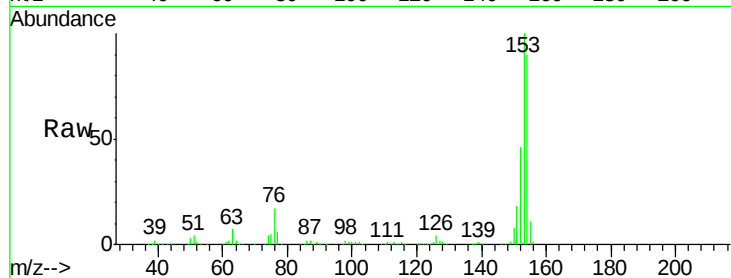
Tot Ion:154 Resp: 472478

Ion Ratio Lower Upper

154 100

153 111.6 90.4 135.6

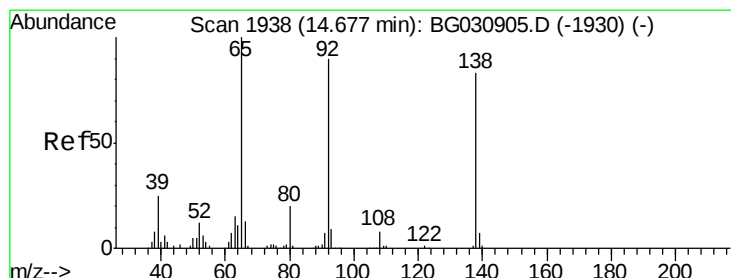
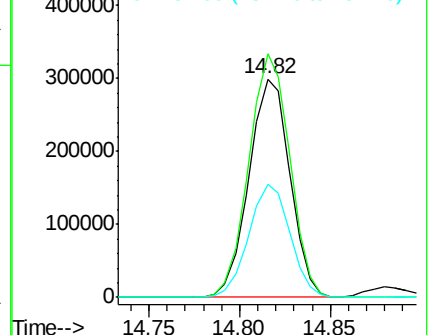
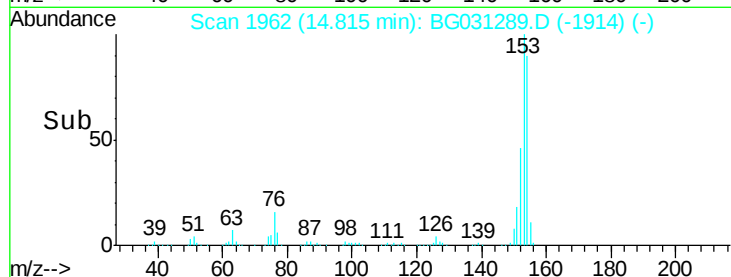
152 51.8 41.6 62.4



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: 40.13 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

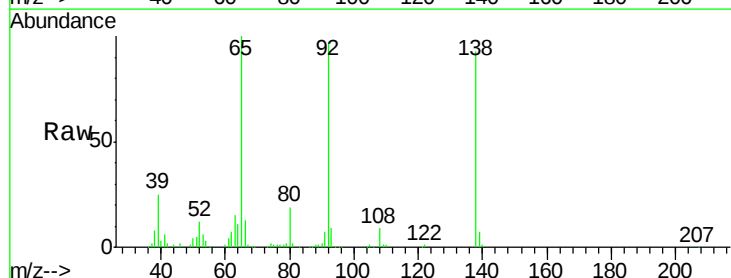
Tgt Ion:138 Resp: 141002

Ion Ratio Lower Upper

138 100

108 9.6 17.5 26.3#

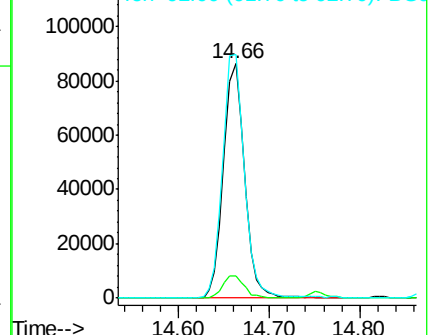
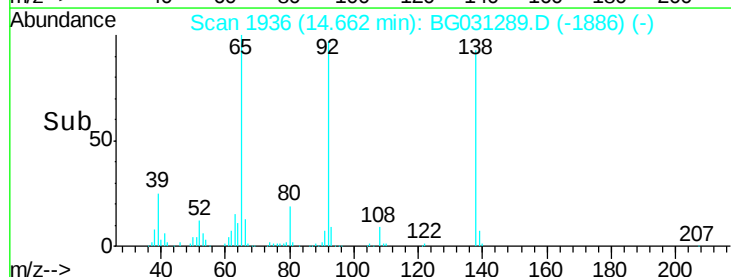
92 103.8 105.8 158.8#

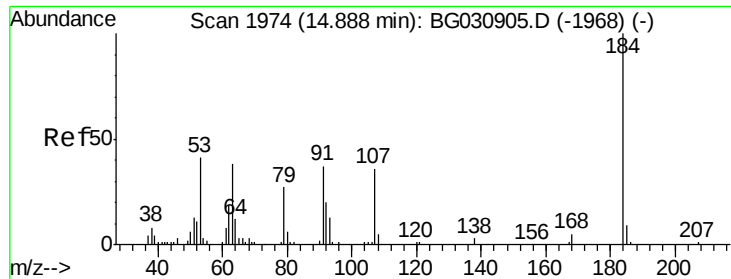


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

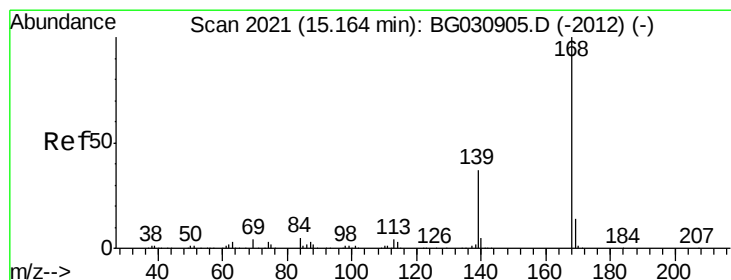
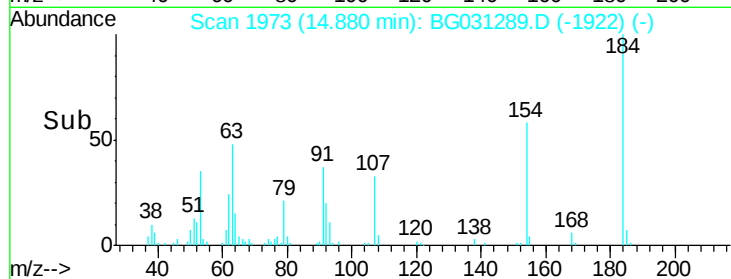
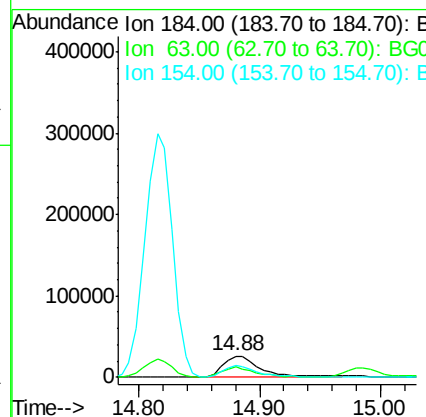
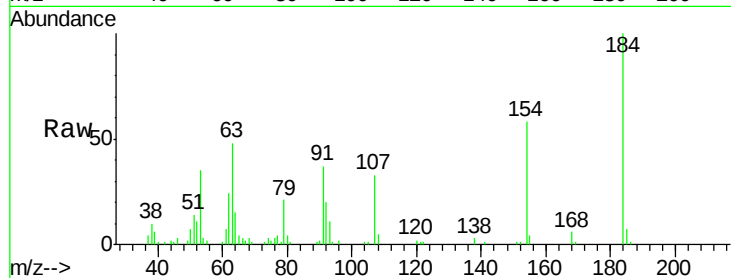




#53
2,4-Dinitrophenol
Concen: 35.12 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.00 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

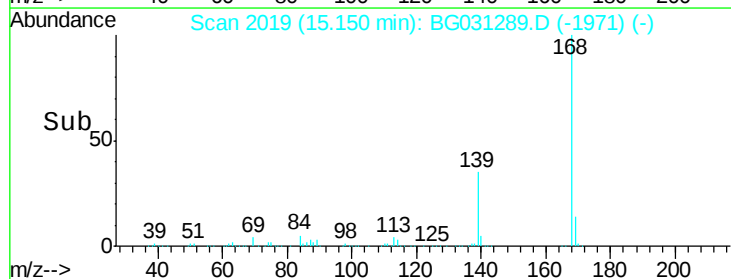
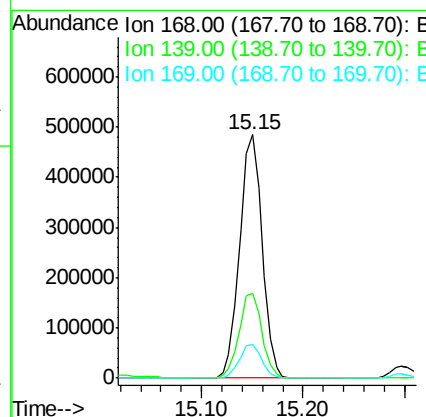
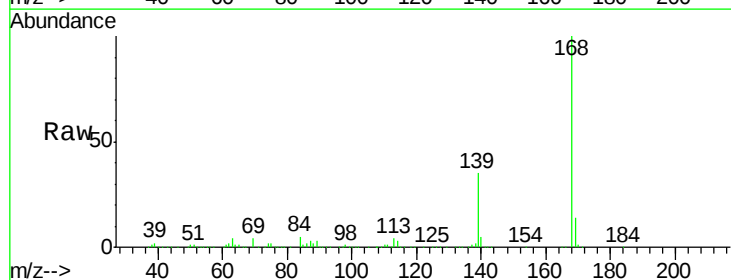
Instrument :
BNA_G
ClientSampled :

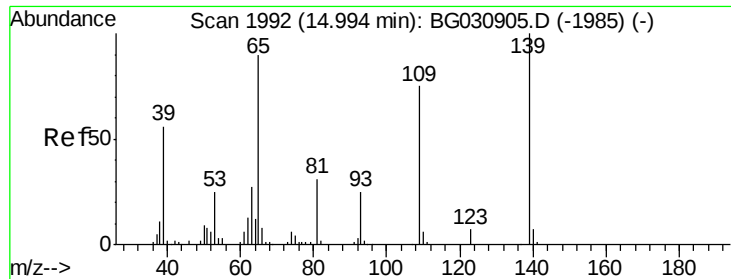
Tot Ion:184 Resp: 57473
Ion Ratio Lower Upper
184 100
63 48.2 59.8 89.8#
154 57.6 101.8 152.8#



#54
Dibenzofuran
Concen: 41.29 ng
RT: 15.15 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:168 Resp: 746932
Ion Ratio Lower Upper
168 100
139 34.8 28.6 43.0
169 14.0 11.2 16.8

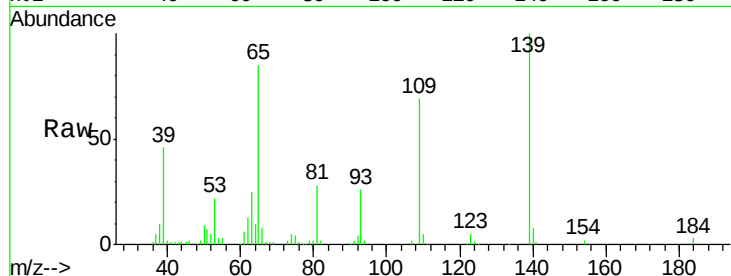




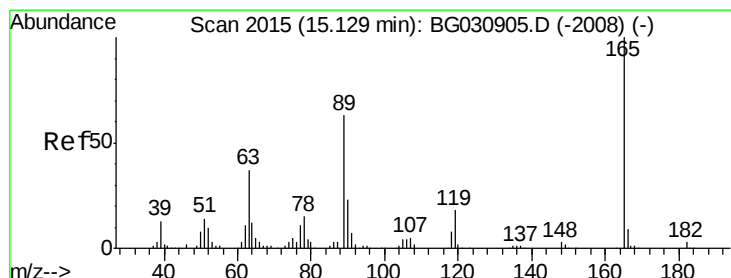
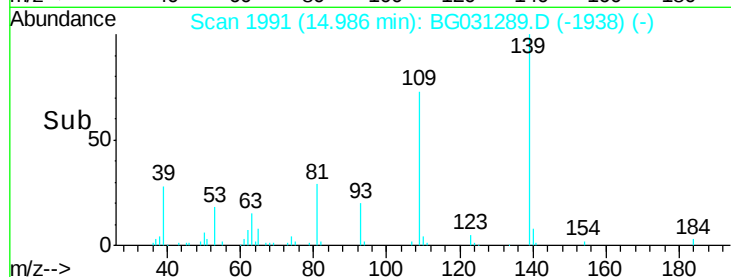
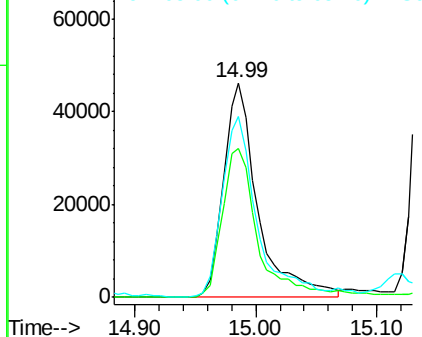
#55
4-Nitrophenol
Concen: 36.39 ng
RT: 14.99 min Scan# 1991
Delta R.T. 0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:139 Resp: 91075
Ion Ratio Lower Upper
139 100
109 69.3 62.2 102.2
65 84.6 97.2 137.2#

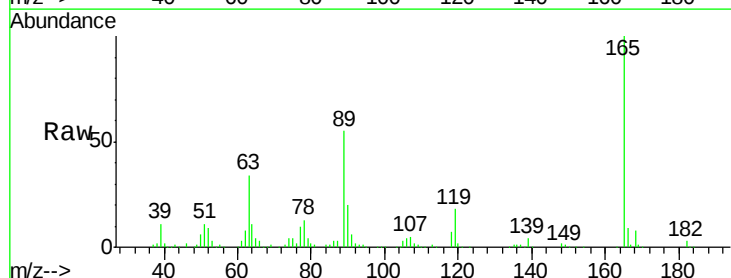


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

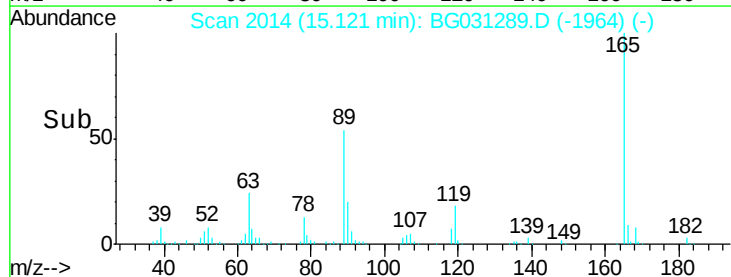
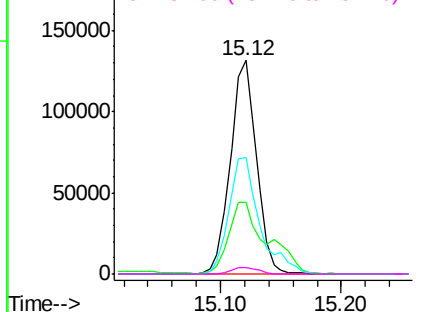


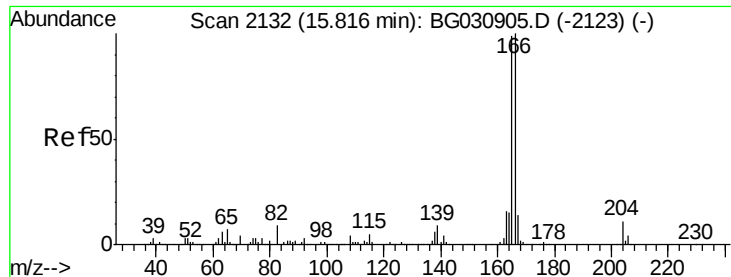
#56
2,4-Dinitrotoluene
Concen: 41.44 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:165 Resp: 198251
Ion Ratio Lower Upper
165 100
63 33.8 42.0 63.0#
89 54.7 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: 41.00 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

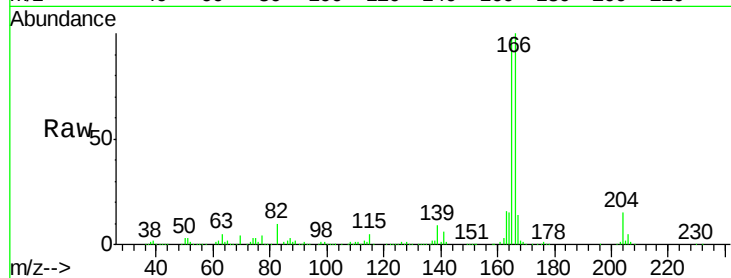
Tot Ion:166 Resp: 602081

Ion Ratio Lower Upper

166 100

165 97.5 80.6 121.0

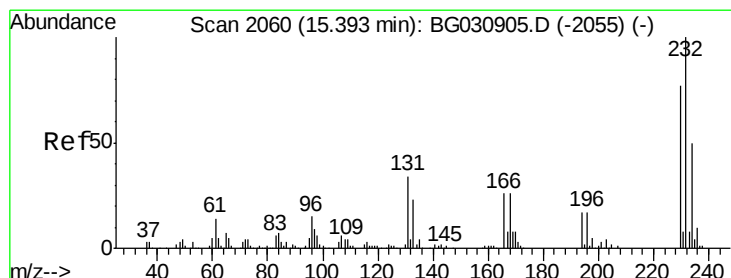
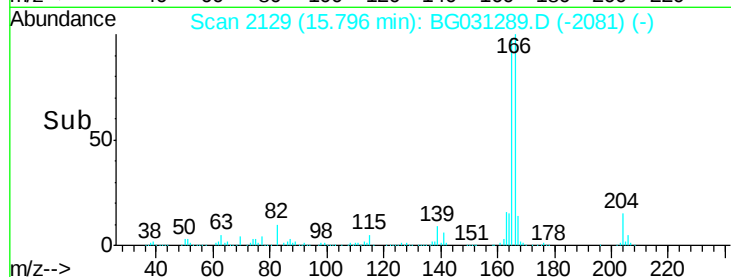
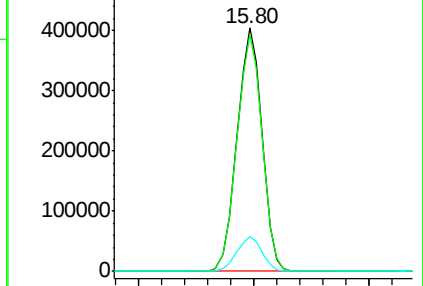
167 14.2 10.4 15.6



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: 39.93 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Tgt Ion:232 Resp: 175430

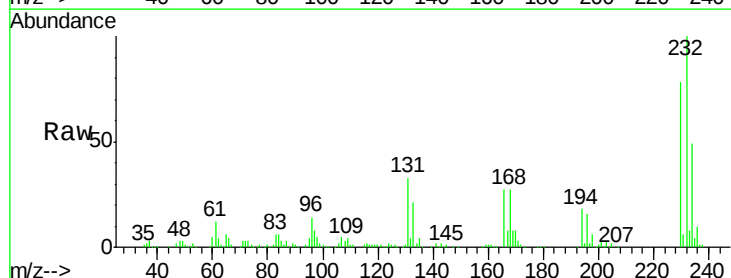
Ion Ratio Lower Upper

232 100

131 33.8 33.5 50.3

130 1.6 2.2 3.2#

166 26.2 24.8 37.2

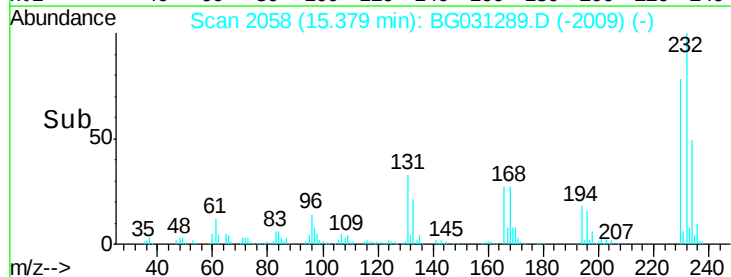
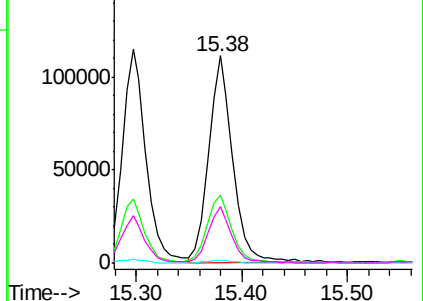


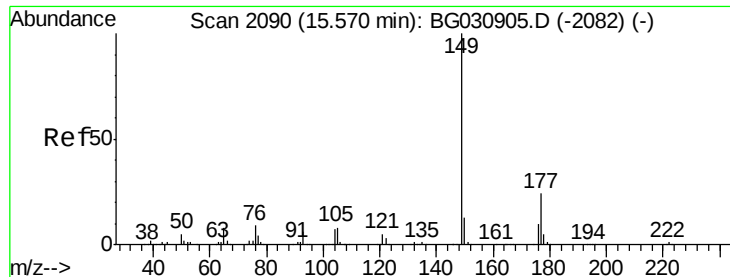
Abundance Ion 232.00 (231.70 to 232.70): E

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: 39.52 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

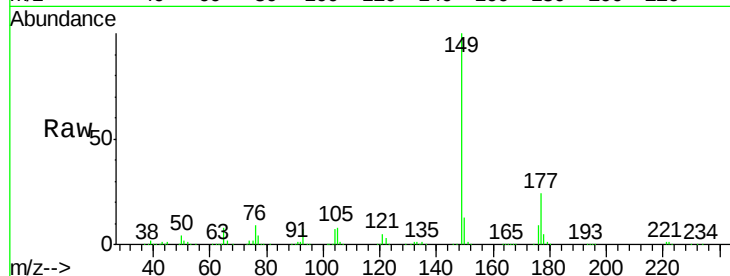
Tot Ion:149 Resp: 644531

Ion Ratio Lower Upper

149 100

177 24.3 18.5 27.7

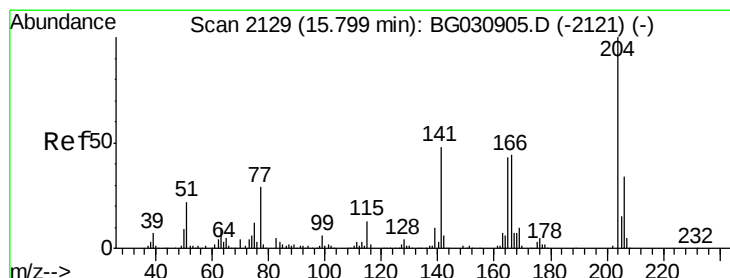
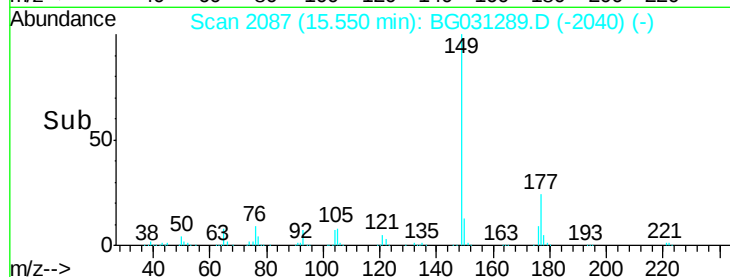
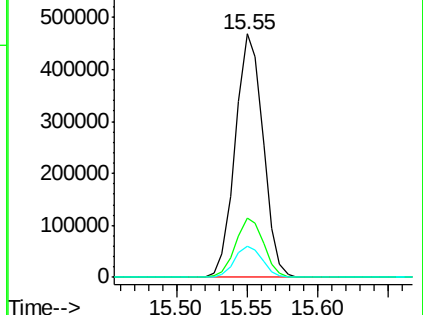
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 41.50 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

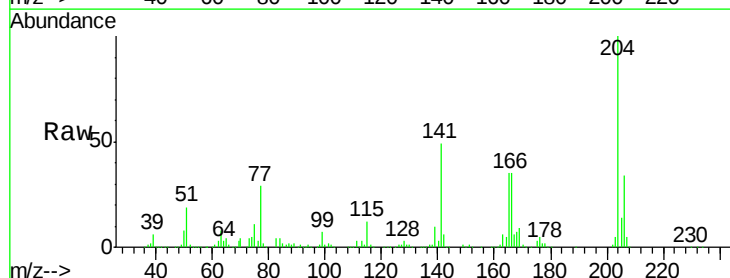
Tgt Ion:204 Resp: 368027

Ion Ratio Lower Upper

204 100

206 34.3 26.2 39.2

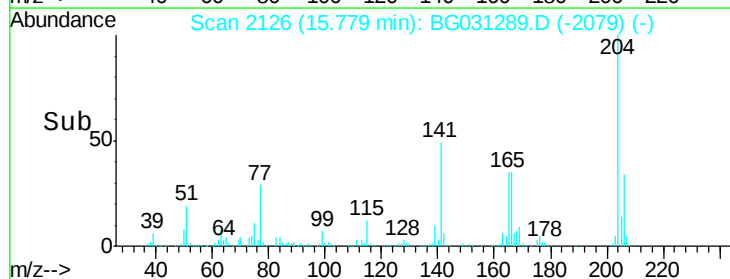
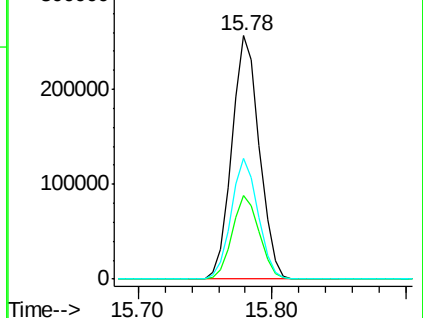
141 49.4 45.8 68.6

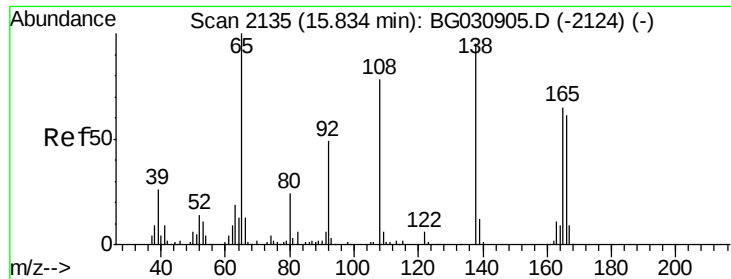


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

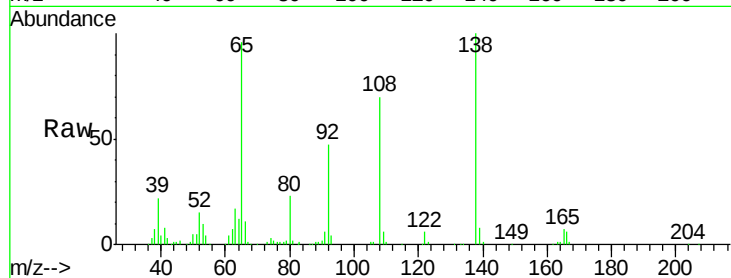




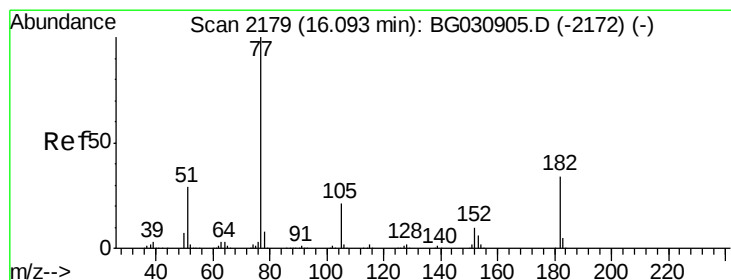
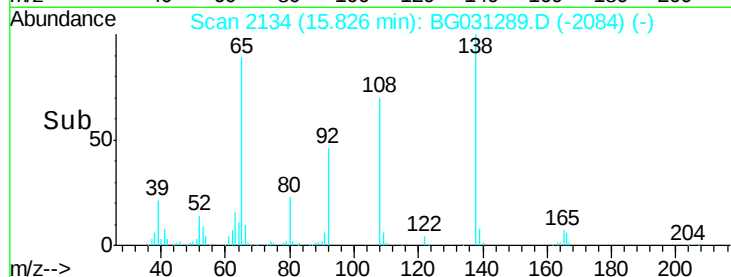
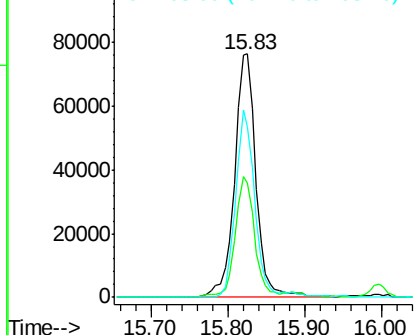
#61
4-Nitroaniline
Concen: 40.02 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 148909
Ion Ratio Lower Upper
138 100
92 46.9 40.1 80.1
108 70.2 65.4 105.4

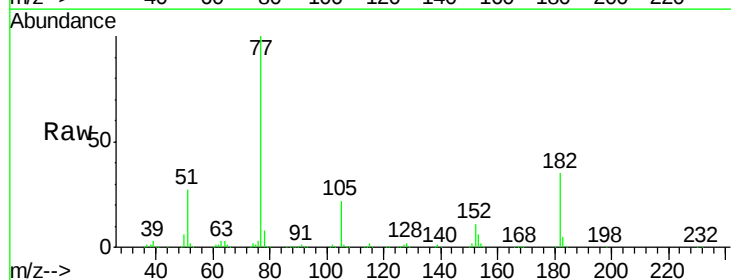


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

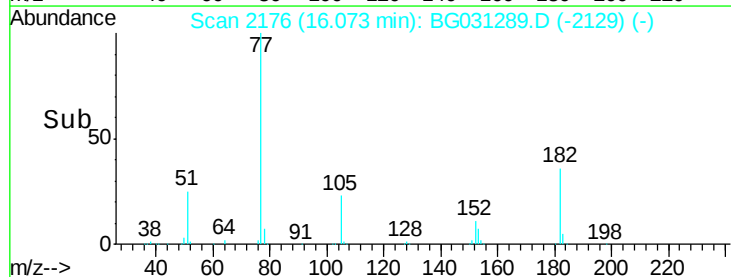
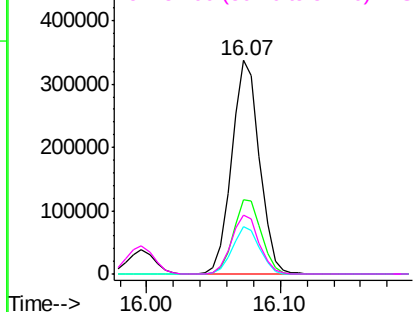


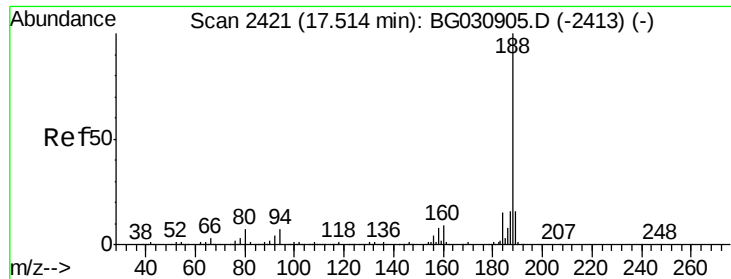
#62
Azobenzene
Concen: 39.05 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion: 77 Resp: 485691
Ion Ratio Lower Upper
77 100
182 34.6 7.4 47.4
105 22.0 0.3 40.3
51 27.5 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

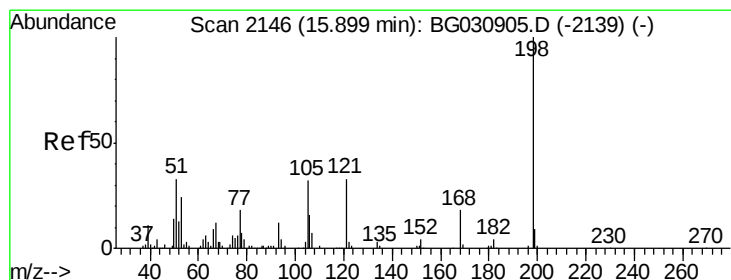
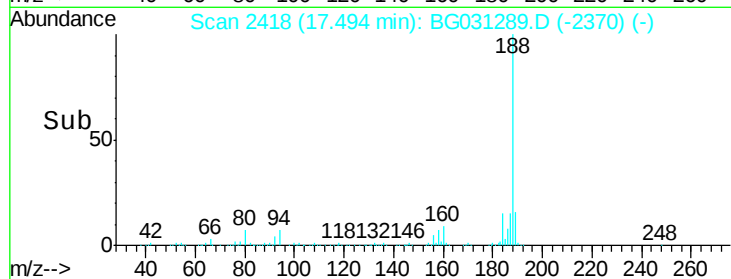
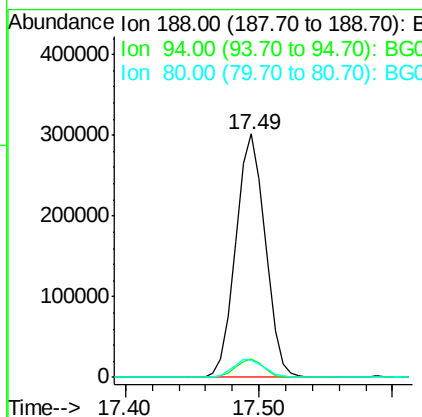
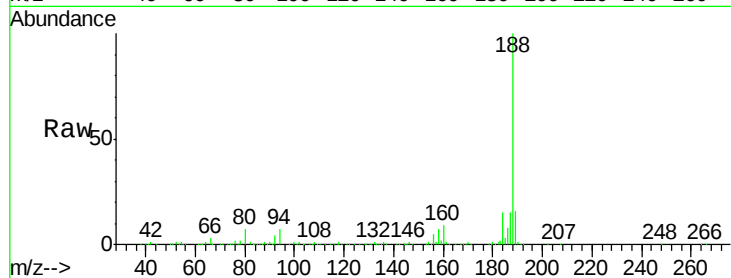




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

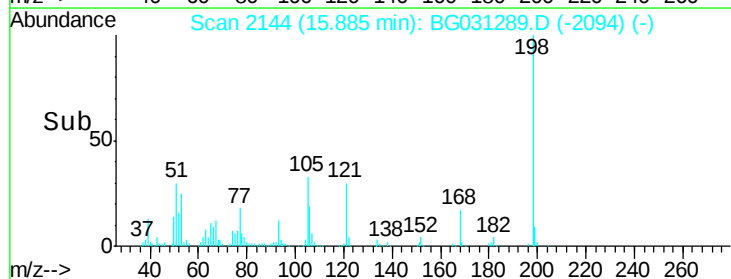
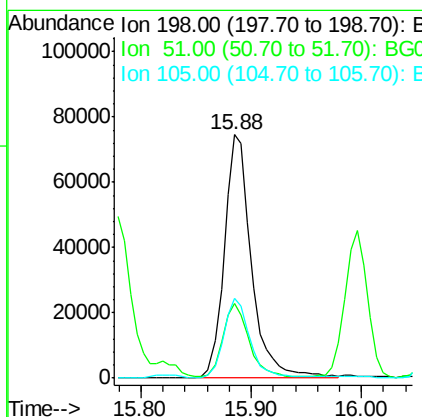
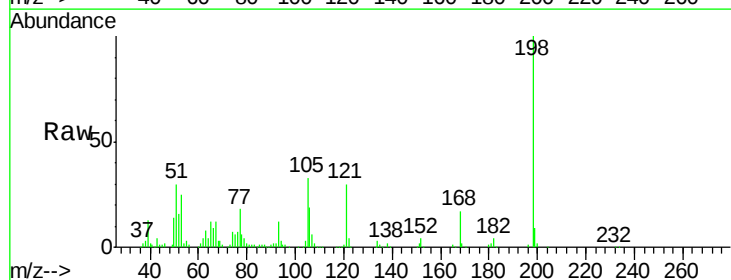
Instrument :
BNA_G
ClientSampleId :

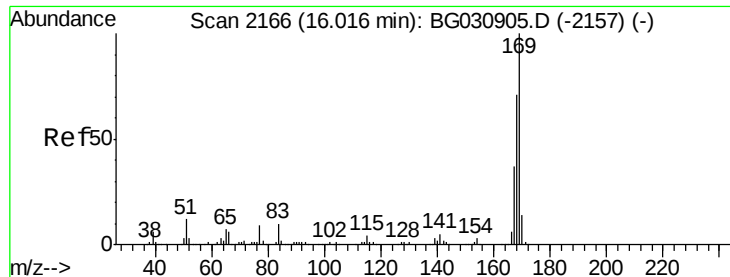
Tot Ion:188 Resp: 462313
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 7.0 7.7 11.5#



#64
4,6-Dinitro-2-methylphenol
Concen: 41.66 ng
RT: 15.88 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:198 Resp: 128034
Ion Ratio Lower Upper
198 100
51 30.4 30.6 70.6#
105 32.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 41.86 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampled :

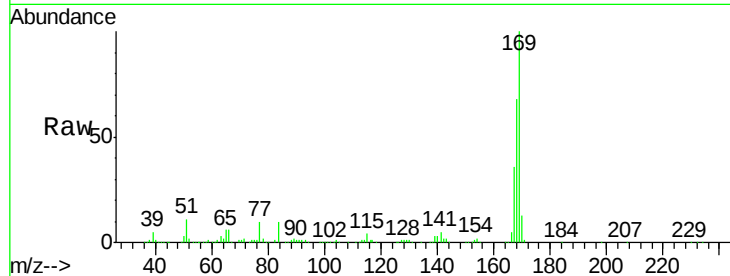
Tot Ion:169 Resp: 586460

Ion Ratio Lower Upper

169 100

168 67.7 55.7 83.5

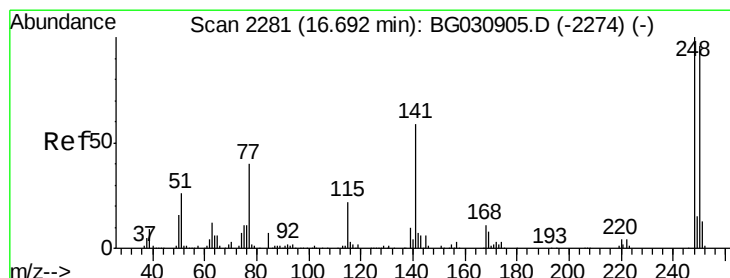
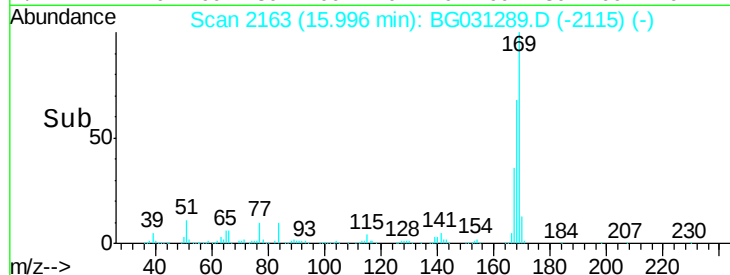
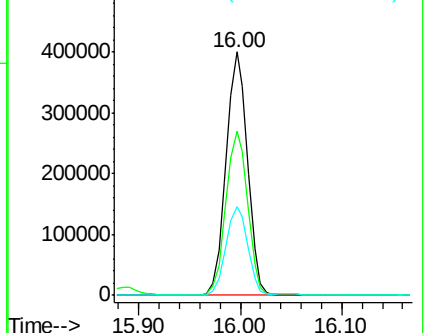
167 36.3 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.93 ng

RT: 16.67 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

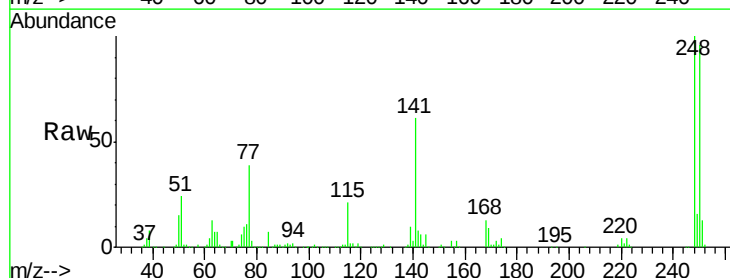
Tgt Ion:248 Resp: 233786

Ion Ratio Lower Upper

248 100

250 96.4 77.1 115.7

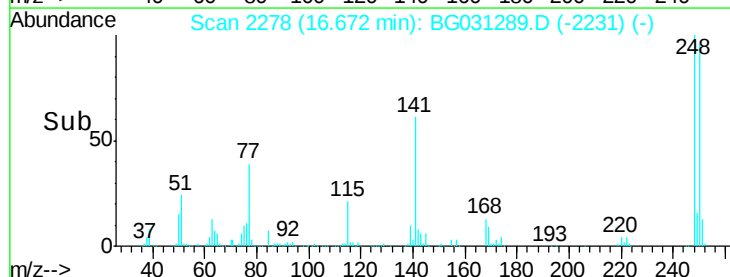
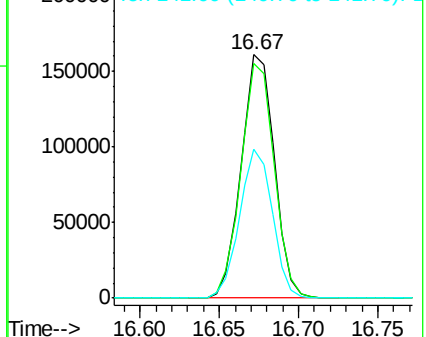
141 61.1 50.8 76.2

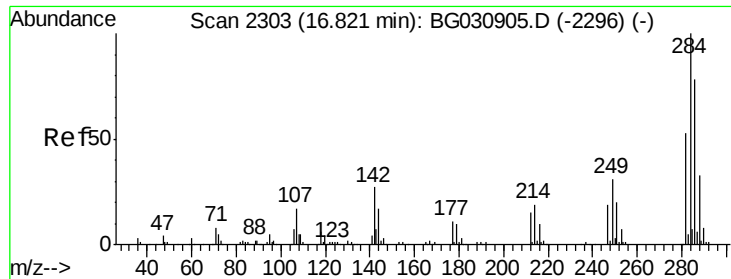


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

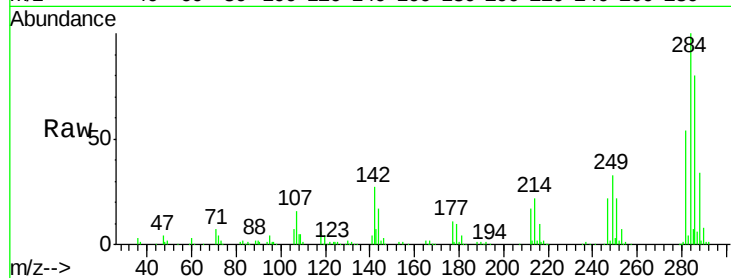




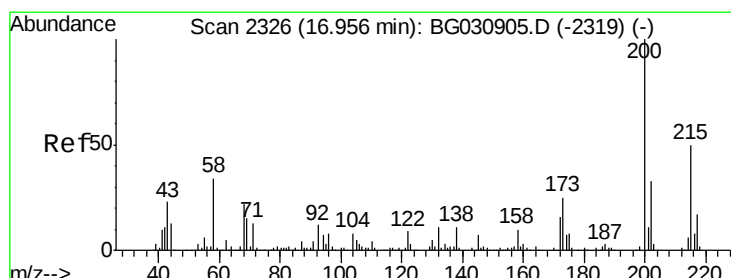
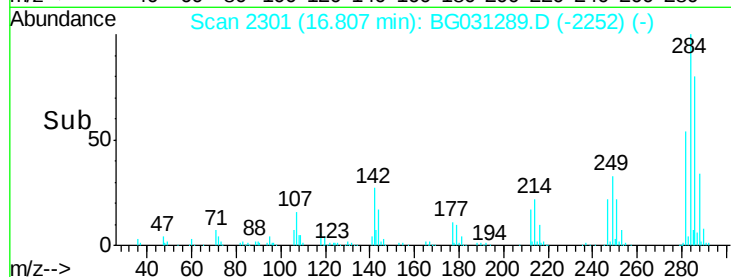
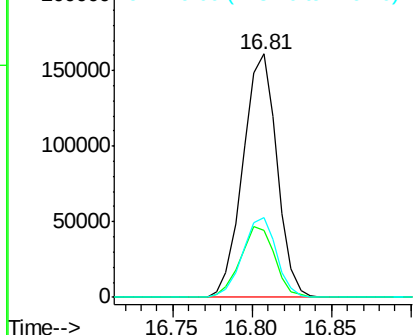
#67
Hexachlorobenzene
Concen: 38.53 ng
RT: 16.81 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:284 Resp: 239722
Ion Ratio Lower Upper
284 100
142 27.3 26.8 40.2
249 32.6 26.3 39.5

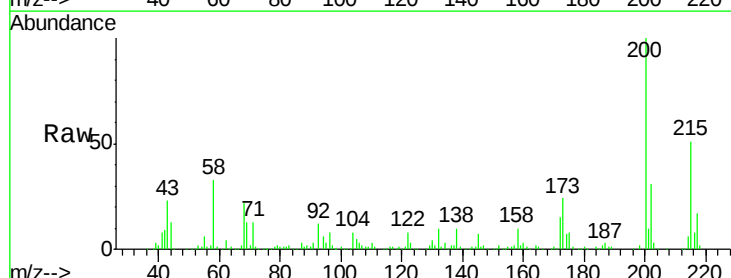


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

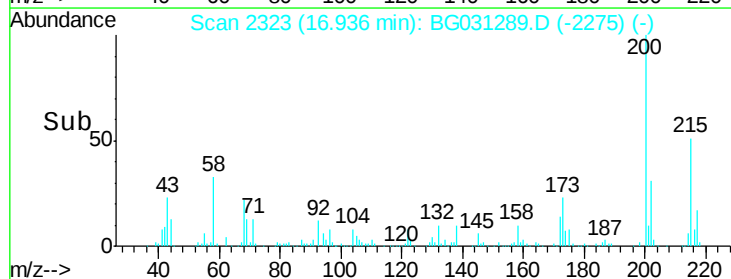
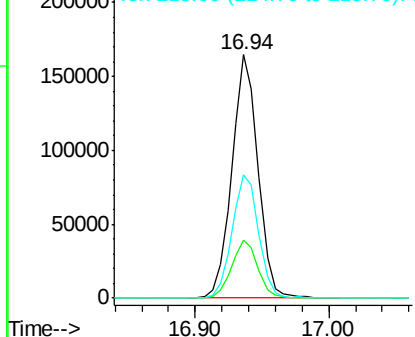


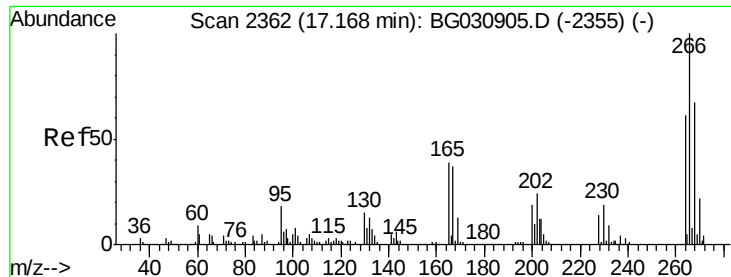
#68
Atrazine
Concen: 38.80 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:200 Resp: 224267
Ion Ratio Lower Upper
200 100
173 23.6 5.2 45.2
215 50.8 30.4 70.4



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

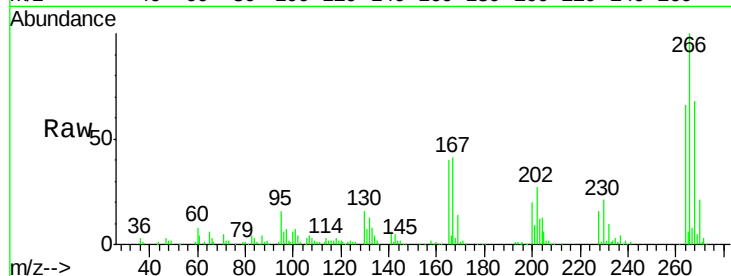




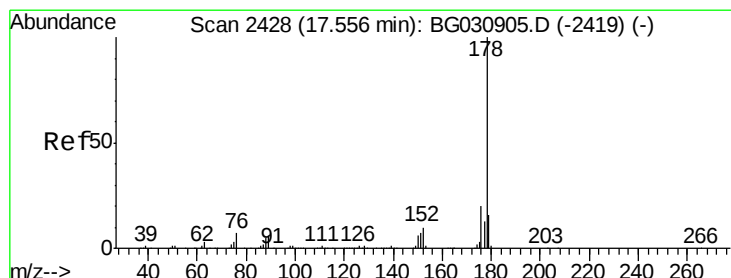
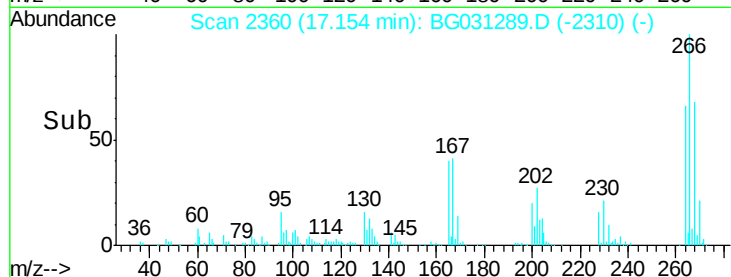
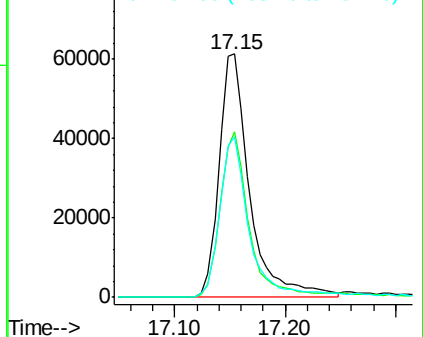
#69
 Pentachlorophenol
 Concen: 34.49 ng
 RT: 17.15 min Scan# 2360
 Delta R.T. -0.01 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	68.0	51.1	76.7
264	66.0	49.6	74.4

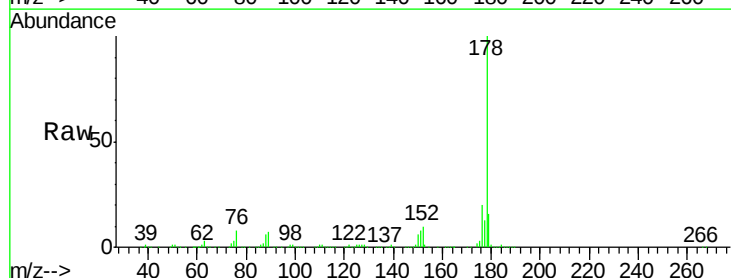


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

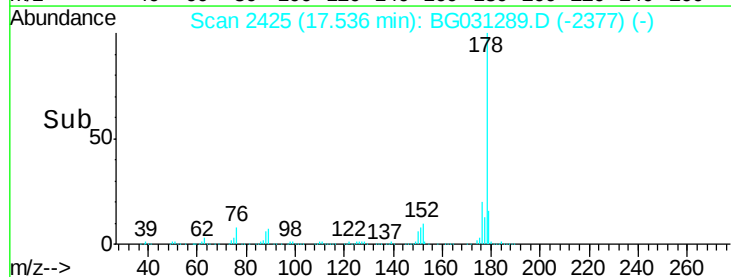
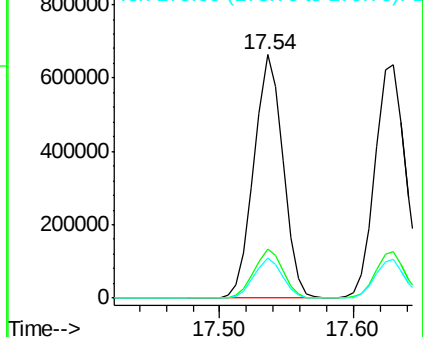


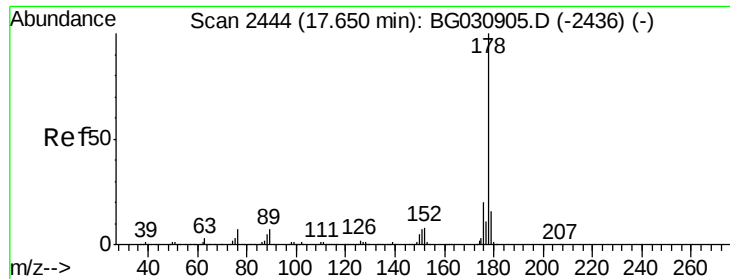
#70
 Phenanthrene
 Concen: 41.42 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.3	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: 41.63 ng

RT: 17.63 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

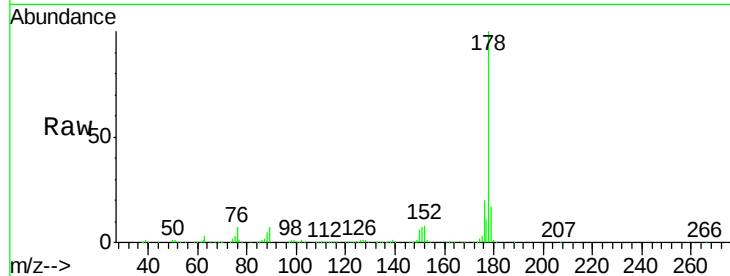
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 1004117

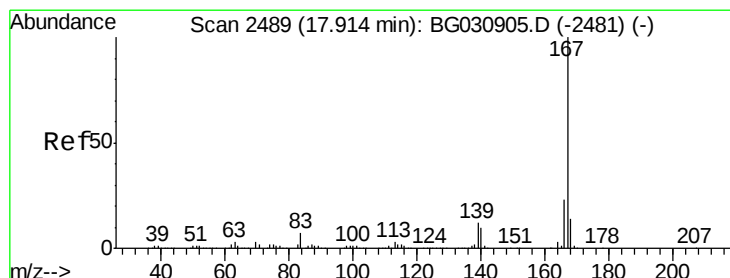
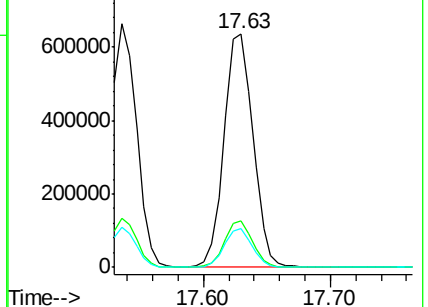
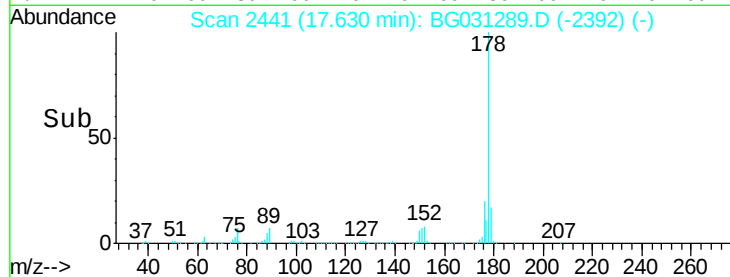
Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	16.6	12.5	18.7



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



#72

Carbazole

Concen: 40.83 ng

RT: 17.90 min Scan# 2487

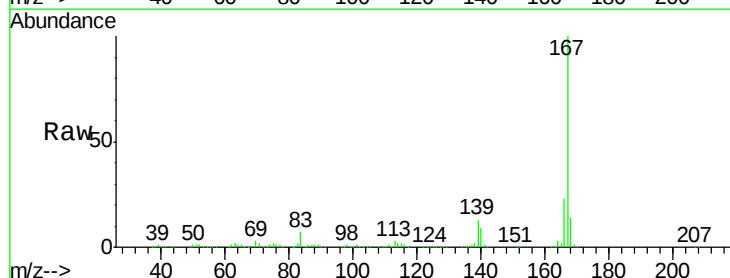
Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Tgt Ion:167 Resp: 922782

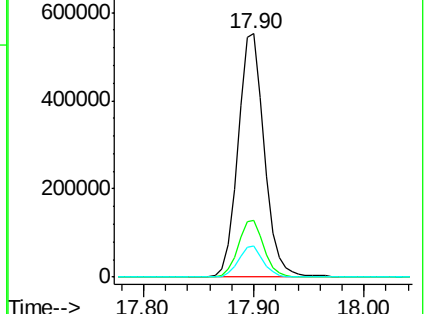
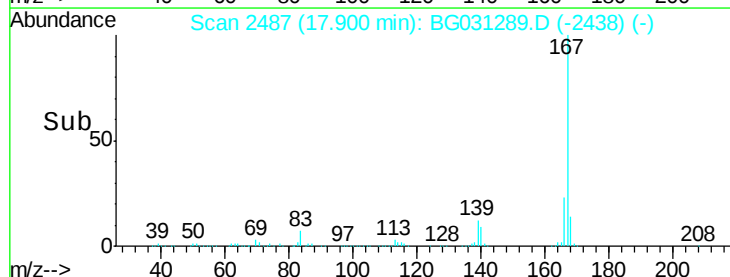
Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	12.7	9.4	14.2

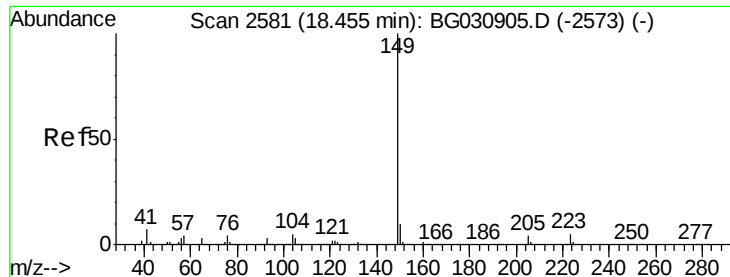


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

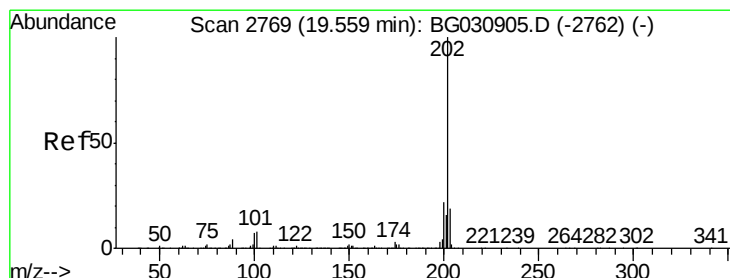
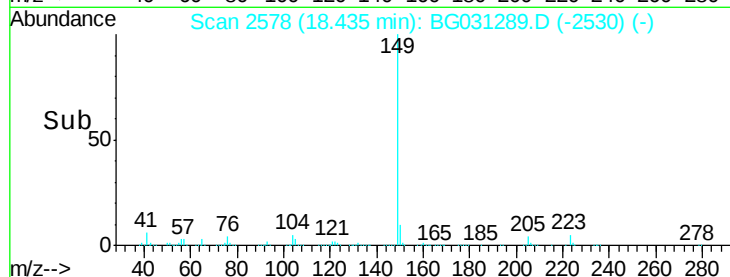
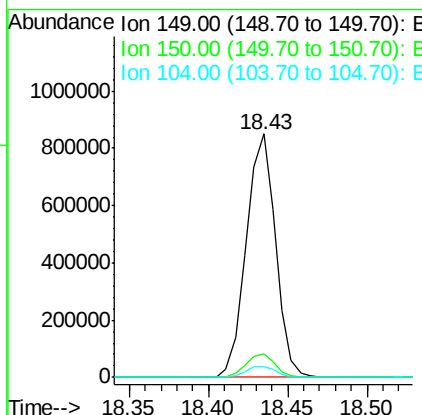
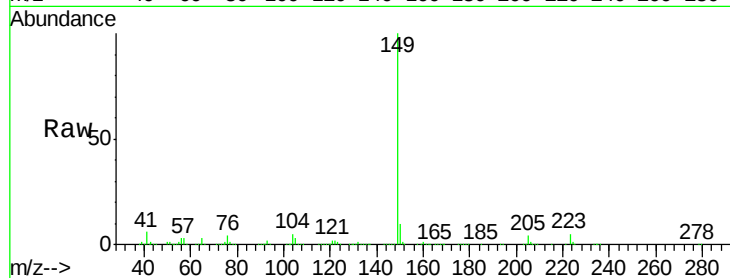




#73
Di-n-butylphthalate
Concen: 39.19 ng
RT: 18.43 min Scan# 2578
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

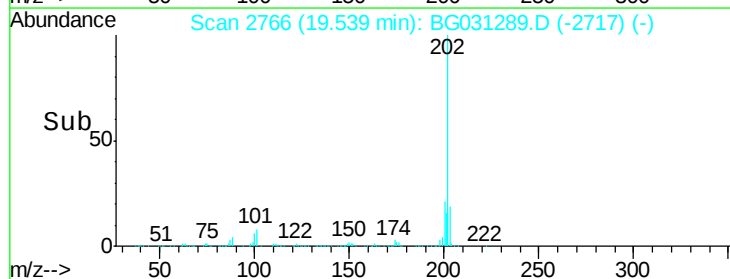
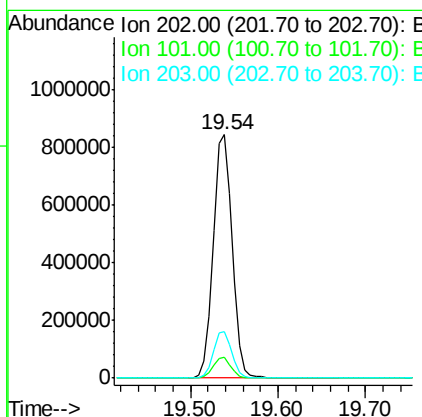
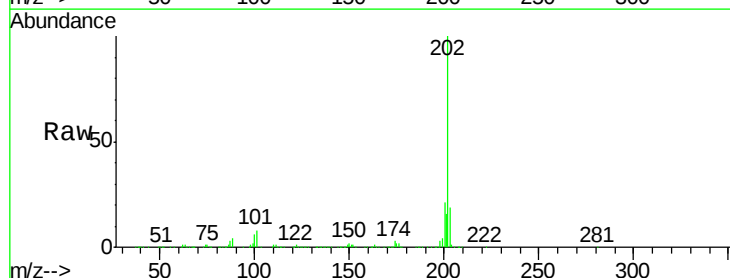
Instrument :
BNA_G
ClientSampleId :

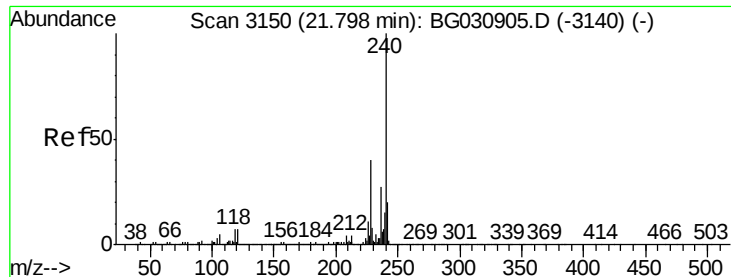
Tot Ion:149 Resp: 1087519
Ion Ratio Lower Upper
149 100
150 9.9 7.8 11.6
104 4.6 3.9 5.9



#74
Fluoranthene
Concen: 41.52 ng
RT: 19.54 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:202 Resp: 1265341
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.9
203 18.9 0.0 37.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

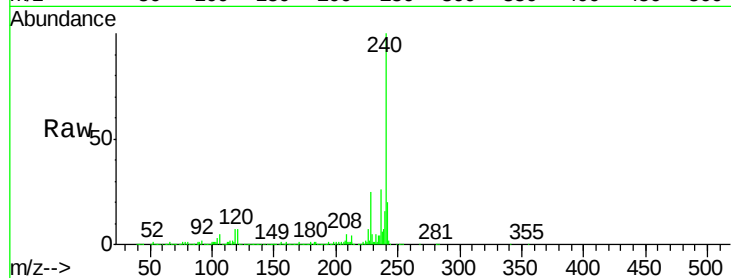
Tot Ion:240 Resp: 506622

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.8	10.2
236	25.7	20.9	31.3

240 100

120 7.0 6.8 10.2

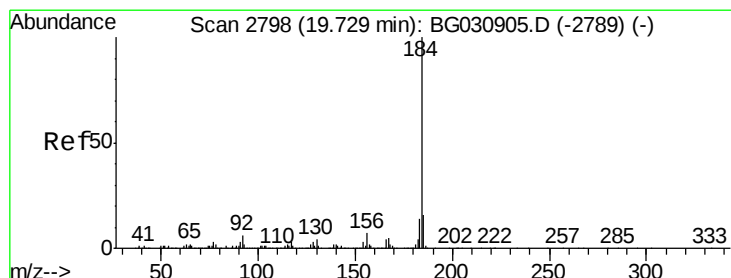
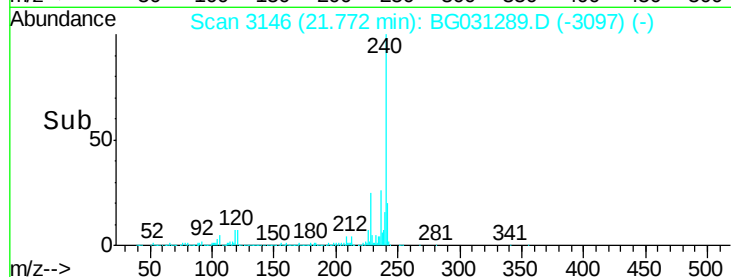
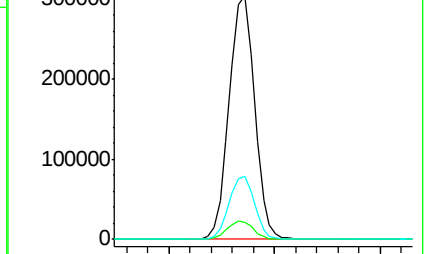
236 25.7 20.9 31.3



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: 30.23 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

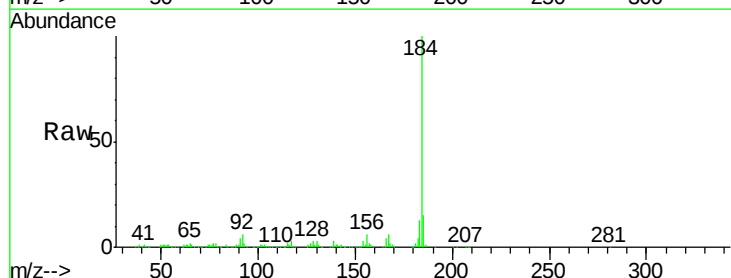
Tgt Ion:184 Resp: 491910

Ion	Ratio	Lower	Upper
184	100		
185	15.4	11.1	16.7
183	12.9	10.6	16.0

184 100

185 15.4 11.1 16.7

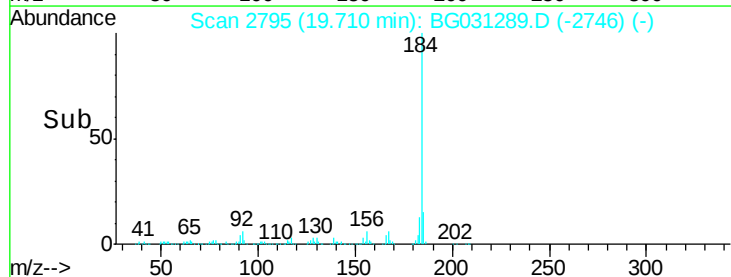
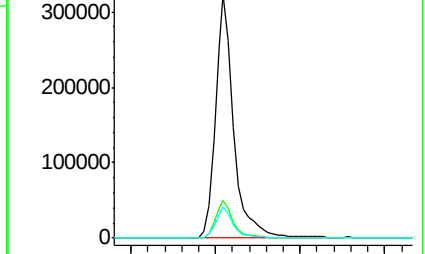
183 12.9 10.6 16.0

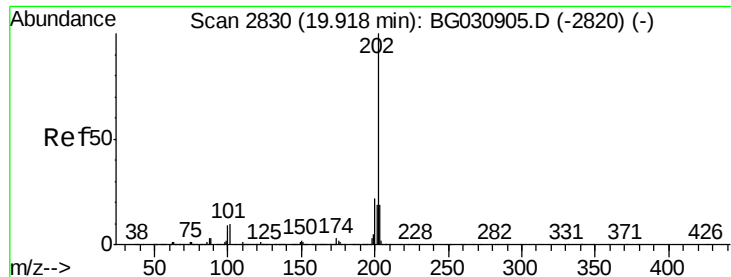


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

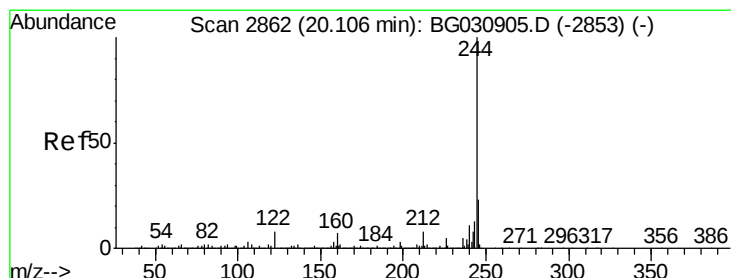
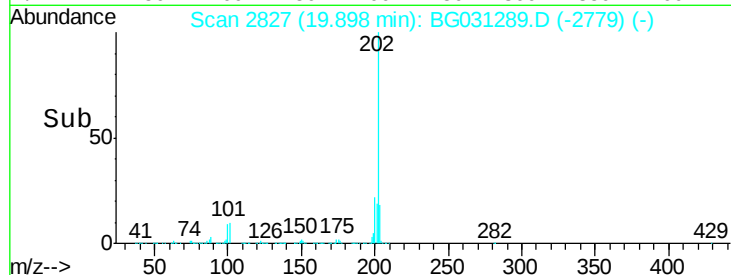
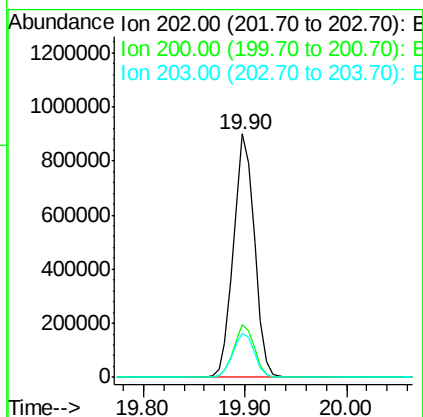
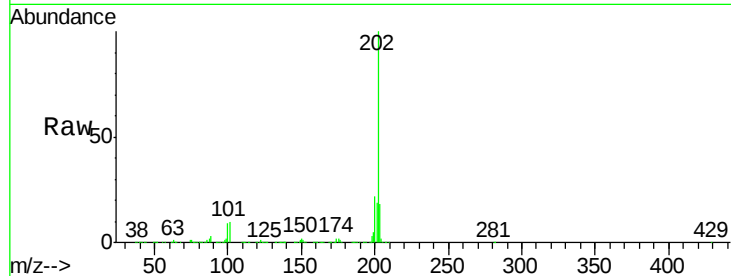




#77
Pvrene
Concen: 43.12 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

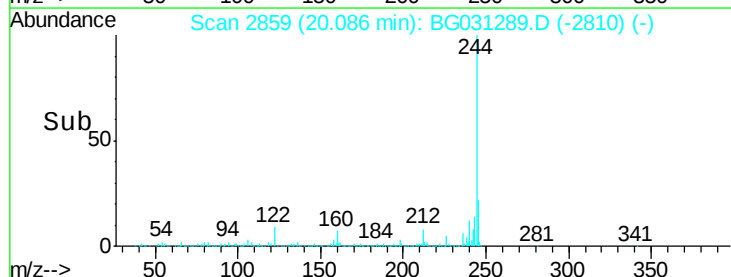
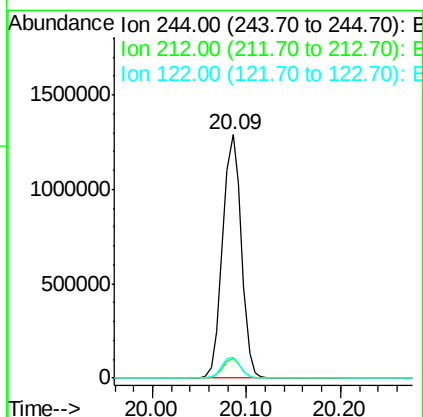
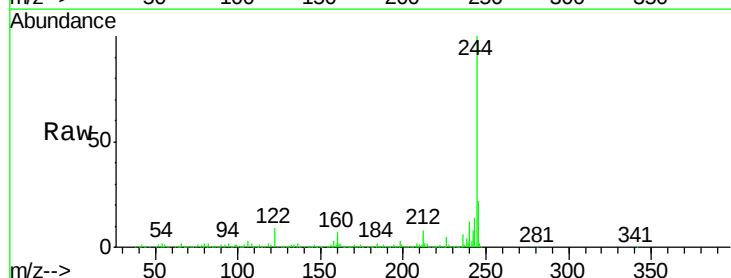
Instrument :
BNA_G
ClientSampleId :

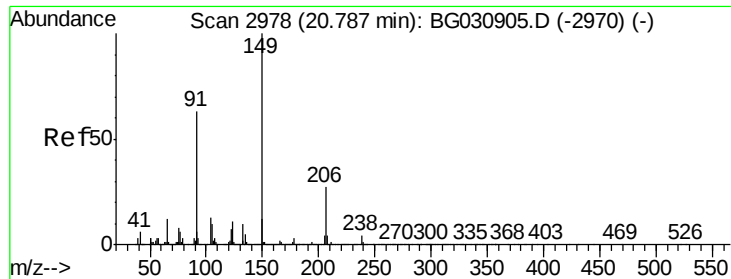
Tot Ion:202 Resp: 1296268
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.3 13.9 20.9



#78
Terphenyl-d14
Concen: 78.11 ng
RT: 20.09 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:244 Resp: 1792134
Ion Ratio Lower Upper
244 100
212 8.2 5.8 8.8
122 8.7 7.0 10.4

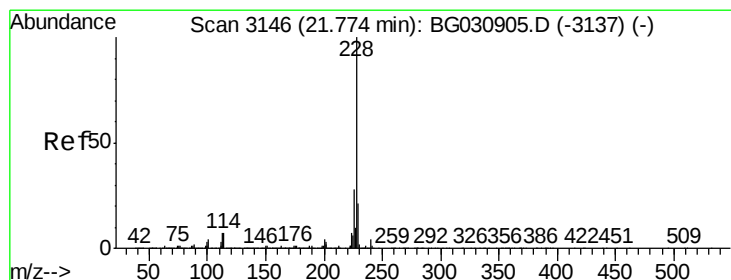
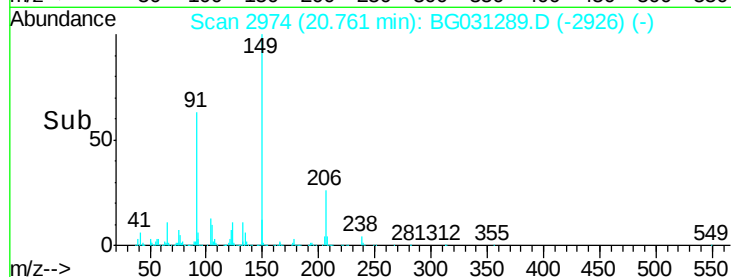
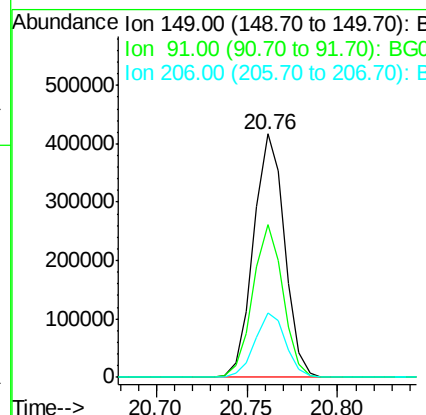
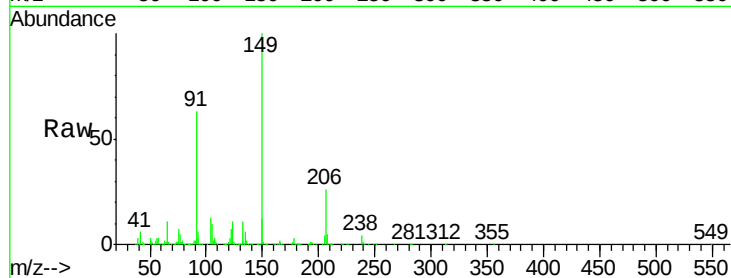




#79
Butylbenzylphthalate
Concen: 41.77 ng
RT: 20.76 min Scan# 2974
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

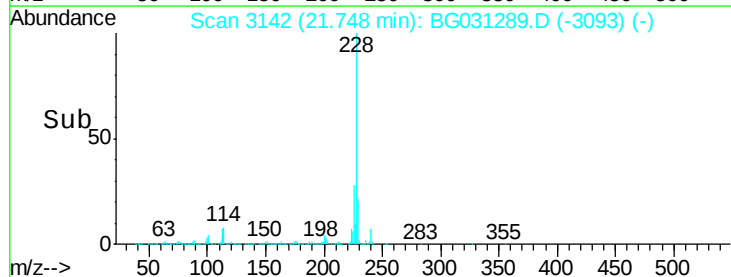
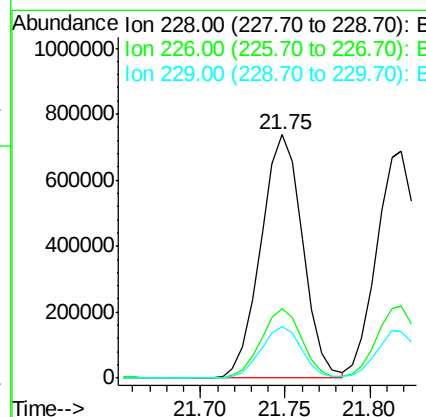
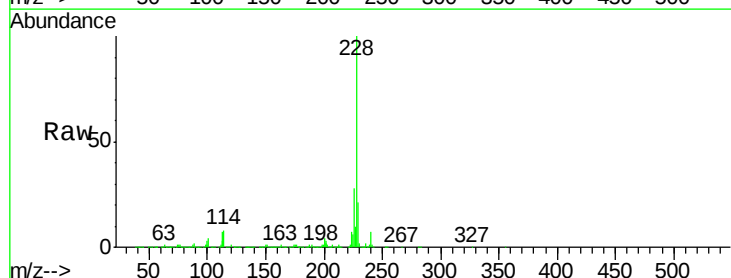
Instrument :
BNA_G
ClientSampleId :

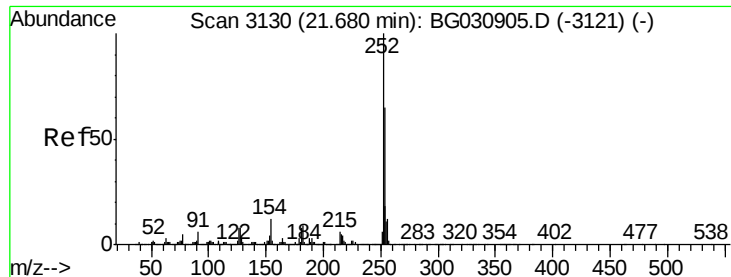
Tot Ion:149 Resp: 500660
Ion Ratio Lower Upper
149 100
91 63.0 62.2 93.2
206 26.5 18.6 27.8



#80
Benzo(a)anthracene
Concen: 40.39 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:228 Resp: 1271145
Ion Ratio Lower Upper
228 100
226 28.4 22.7 34.1
229 21.2 16.2 24.2

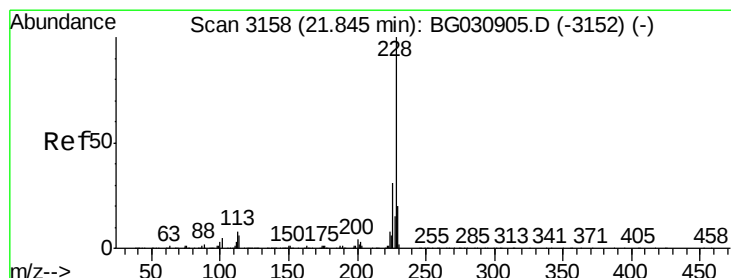
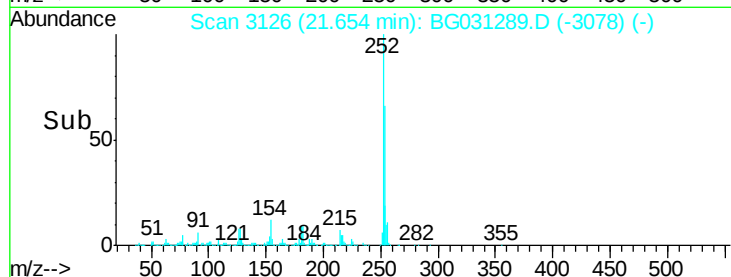
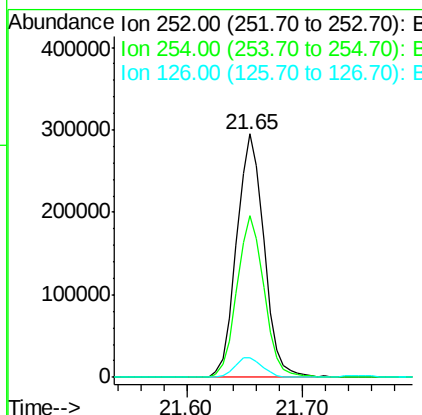
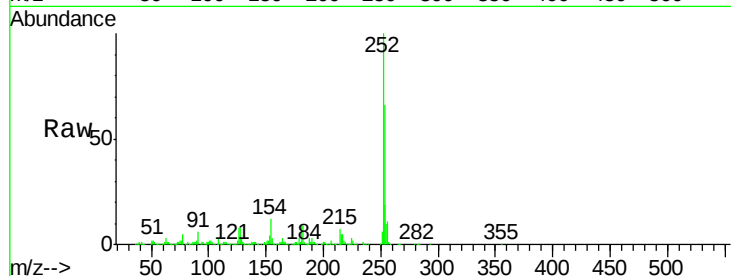




#81
 3,3'-Dichlorobenzidine
 Concen: 38.18 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

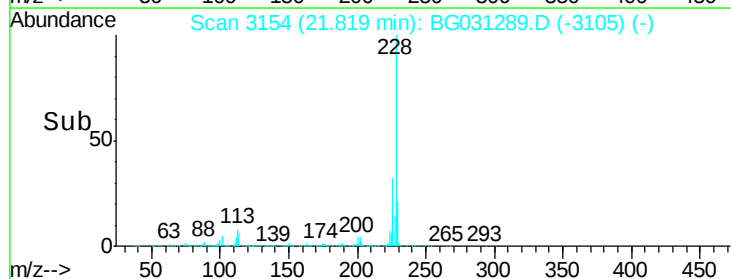
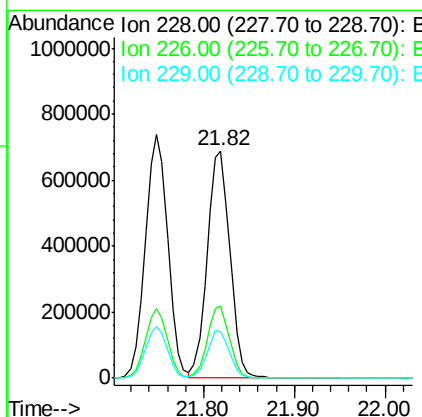
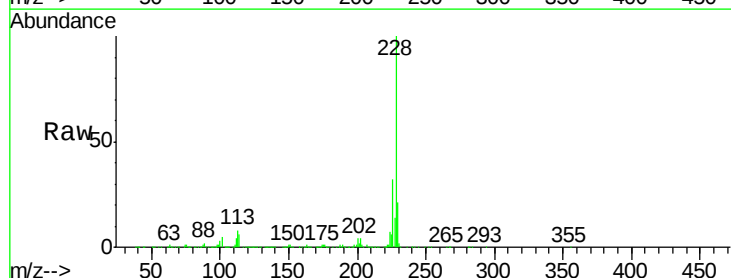
Instrument :
 BNA_G
 ClientSampleId :

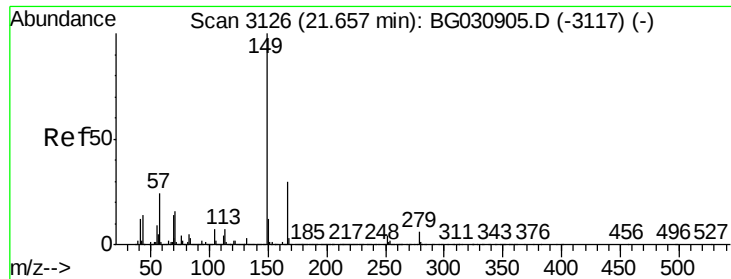
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.3	50.8	76.2
126	7.8	7.4	11.2



#82
 Chrysene
 Concen: 41.04 ng
 RT: 21.82 min Scan# 3154
 Delta R.T. -0.01 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.9	37.3
229	20.7	15.0	22.4

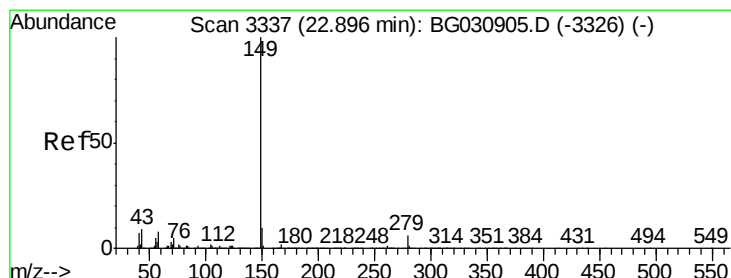
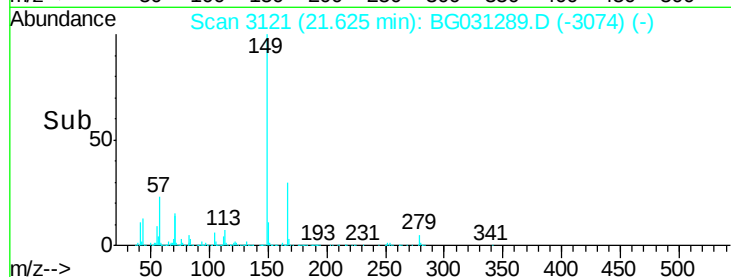
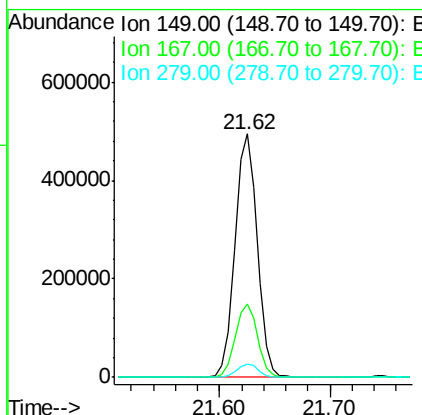
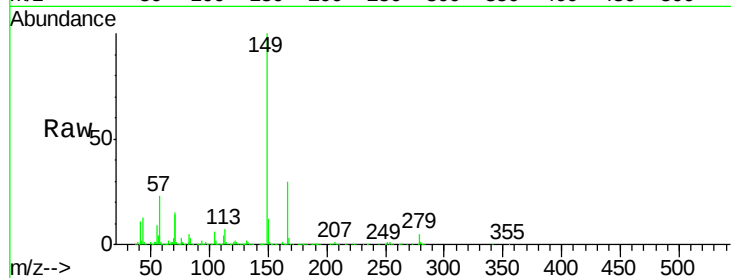




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.30 ng
 RT: 21.62 min Scan# 3121
 Delta R.T. -0.02 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

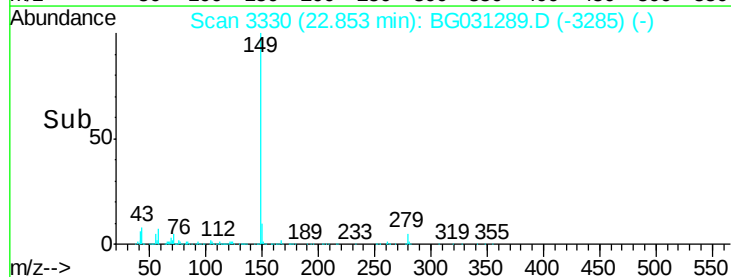
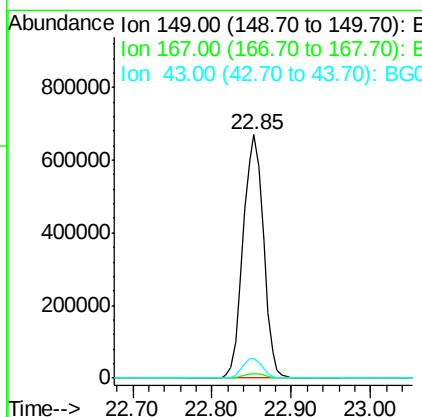
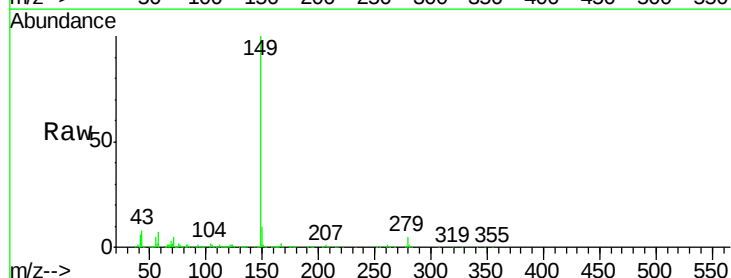
Instrument :
 BNA_G
 ClientSampleId :

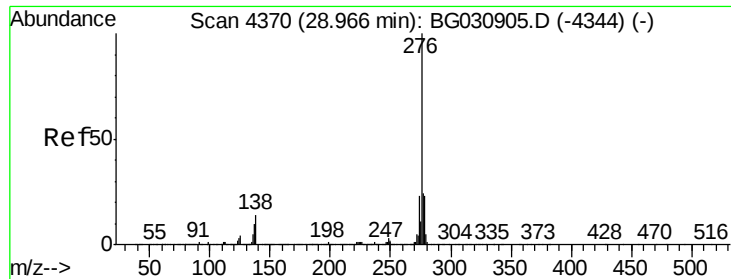
Tot Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.3	36.5
279	5.3	4.0	6.0



#84
 Di-n-octyl phthalate
 Concen: 42.33 ng
 RT: 22.85 min Scan# 3330
 Delta R.T. -0.04 min
 Lab File: BG031289.D
 Acq: 30 Nov 2017 16:00

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

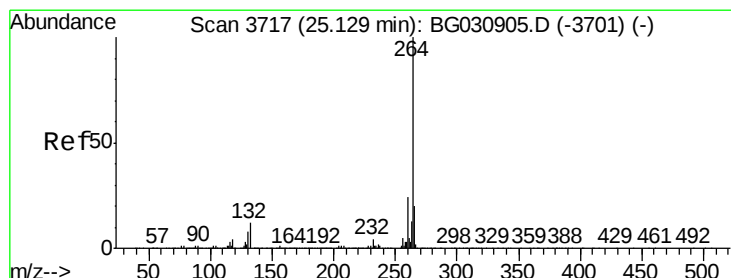
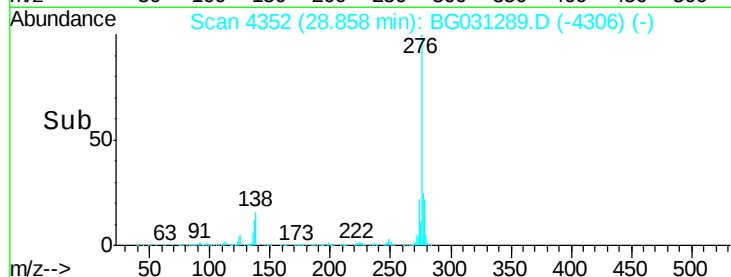
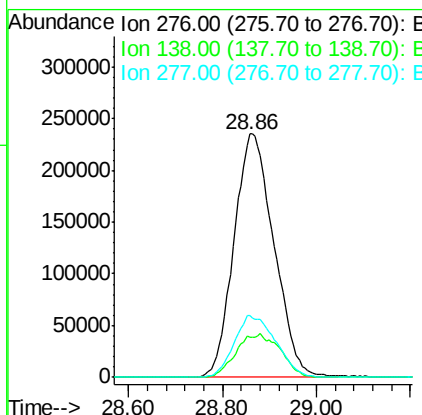
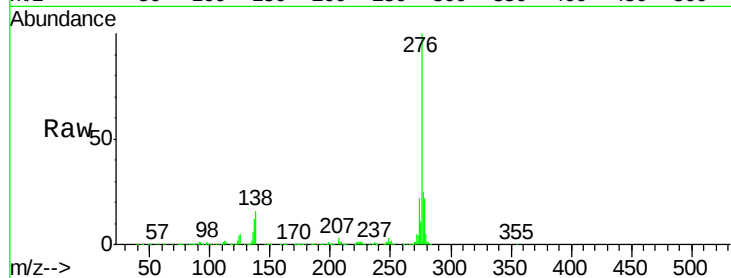




#85
Indeno(1,2,3-cd)pyrene
Concen: 39.19 ng
RT: 28.86 min Scan# 4352
Delta R.T. -0.03 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

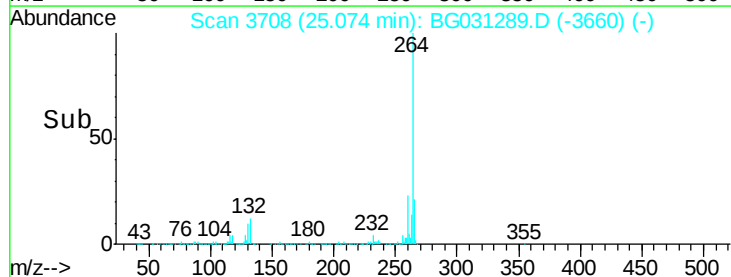
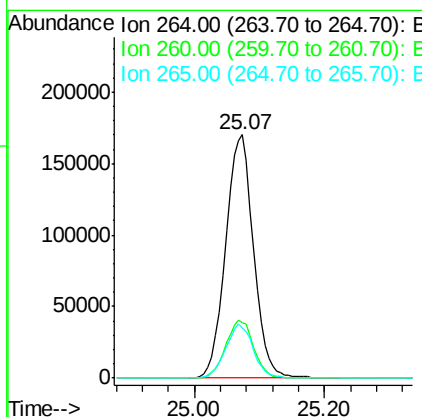
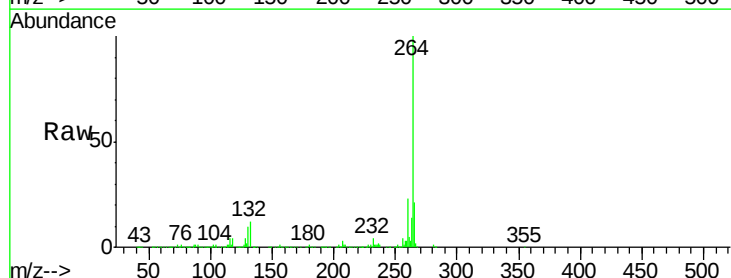
Instrument :
BNA_G
ClientSampleId :

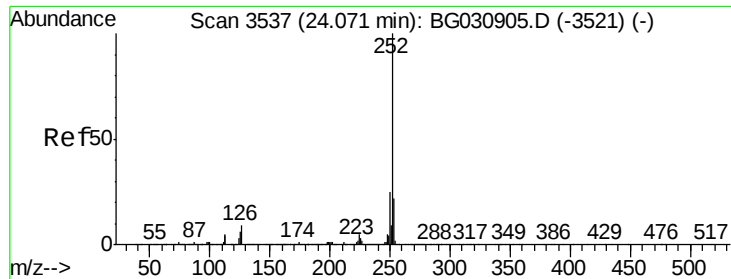
Tot Ion:276 Resp: 1387038
Ion Ratio Lower Upper
276 100
138 0.0 16.0 24.0#
277 26.4 20.0 30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:264 Resp: 503672
Ion Ratio Lower Upper
264 100
260 22.6 17.4 26.0
265 20.8 17.7 26.5

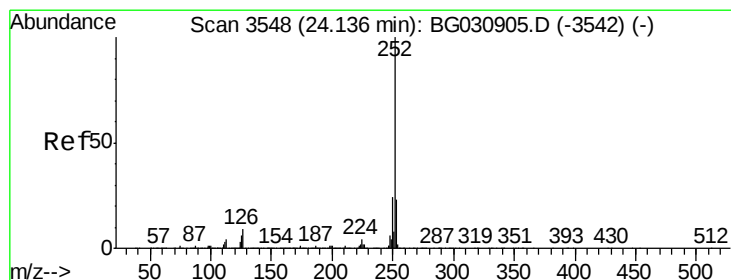
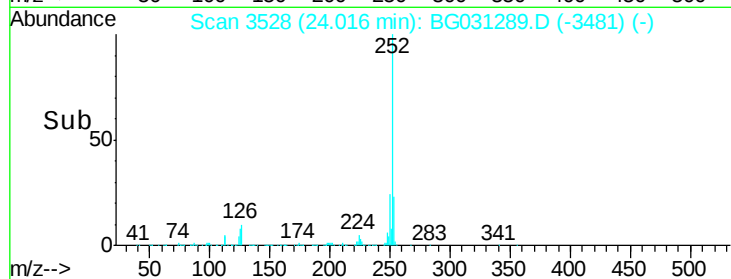
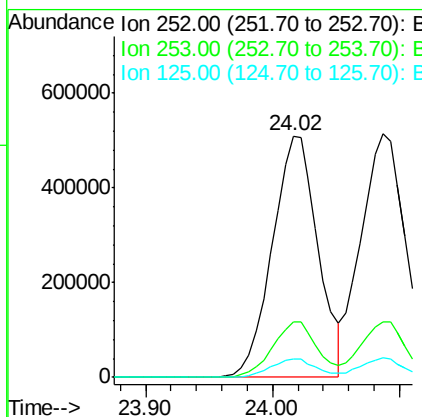
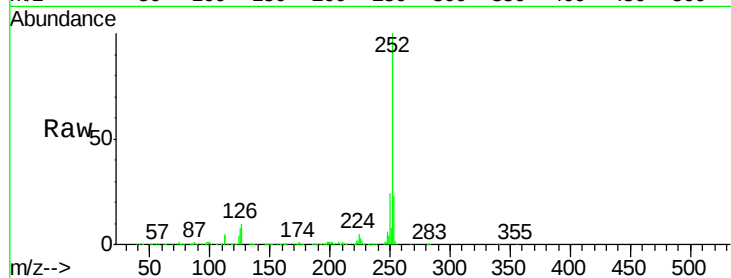




#87
Benzo(b)fluoranthene
Concen: 41.83 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

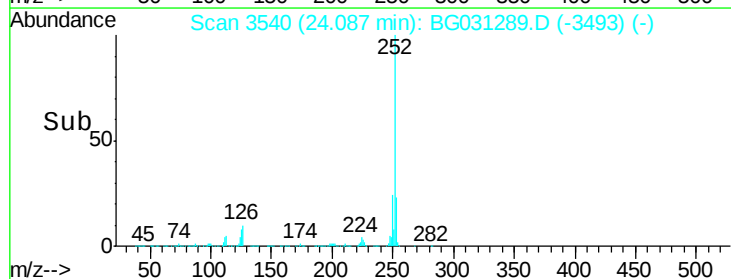
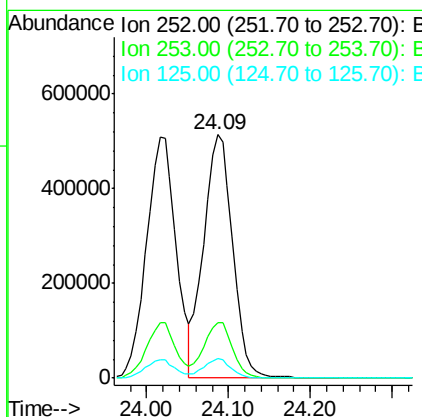
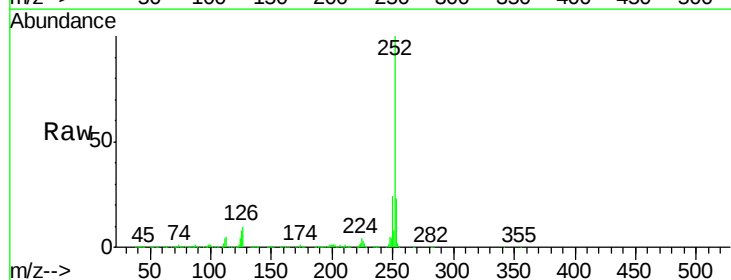
Instrument :
BNA_G
ClientSampleId :

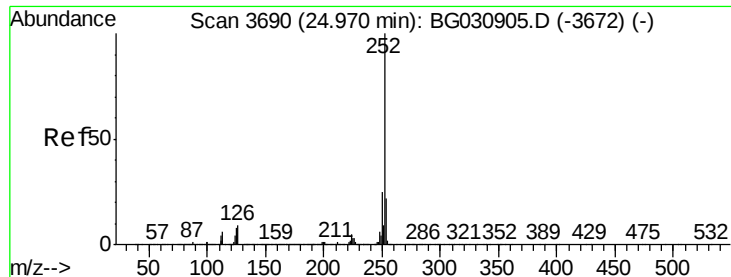
Tot Ion:252 Resp: 1274467
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.4
125 7.7 7.2 10.8



#88
Benzo(k)fluoranthene
Concen: 41.88 ng
RT: 24.09 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:252 Resp: 1264658
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 7.9 6.6 9.8

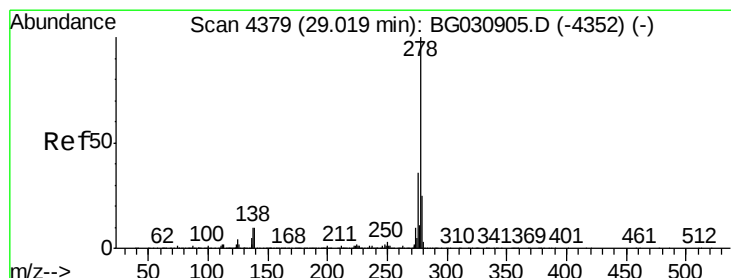
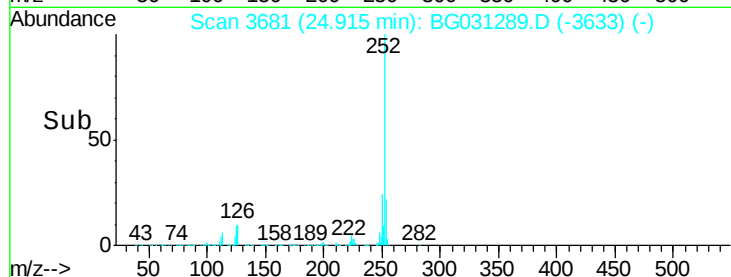
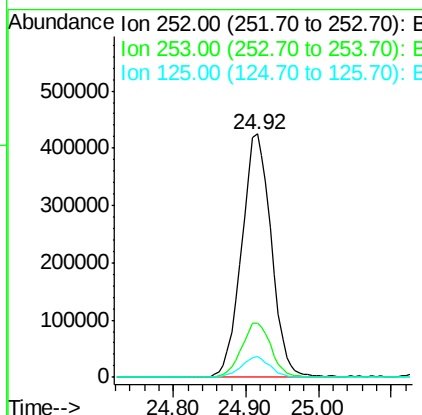
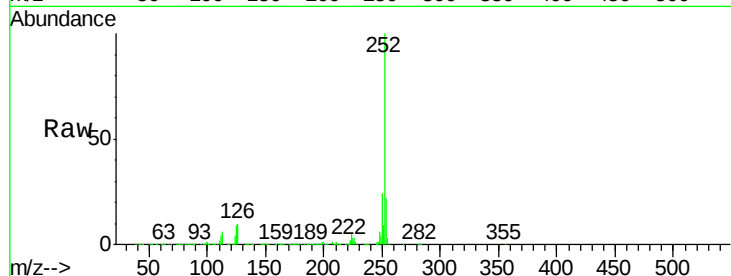




#89
Benzo(a)pyrene
Concen: 41.62 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

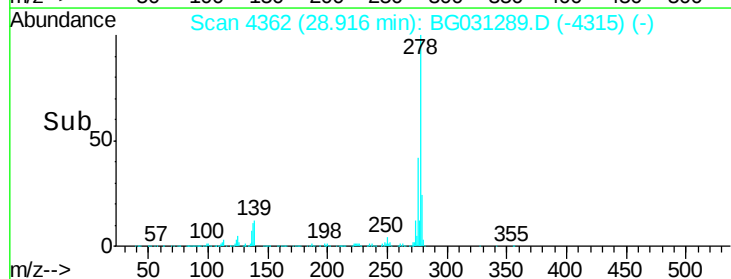
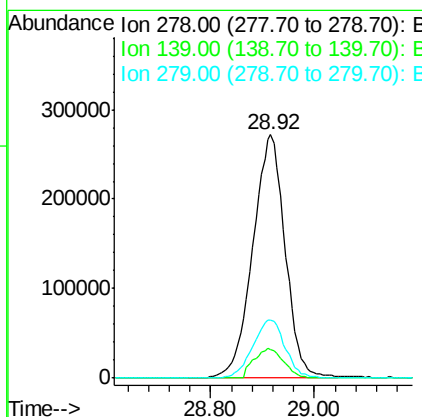
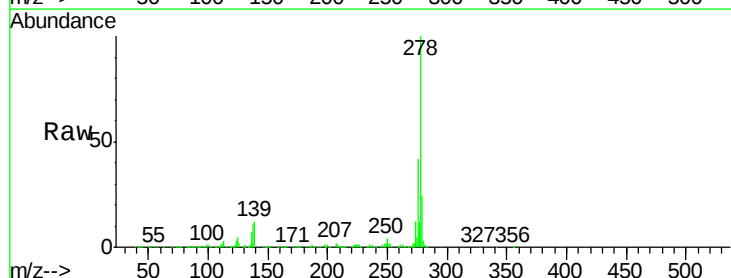
Instrument :
BNA_G
ClientSampleId :

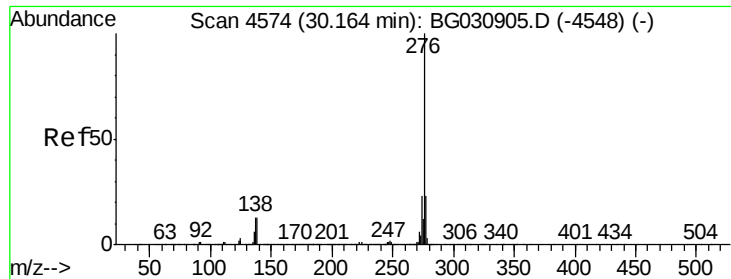
Tot Ion:252 Resp: 1204636
Ion Ratio Lower Upper
252 100
253 22.3 18.3 27.5
125 8.8 7.3 10.9



#90
Dibenzo(a,h)anthracene
Concen: 39.86 ng
RT: 28.92 min Scan# 4362
Delta R.T. -0.02 min
Lab File: BG031289.D
Acq: 30 Nov 2017 16:00

Tgt Ion:278 Resp: 1179335
Ion Ratio Lower Upper
278 100
139 11.6 9.8 14.6
279 23.8 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 39.74 ng

RT: 30.05 min Scan# 4555

Delta R.T. -0.02 min

Lab File: BG031289.D

Acq: 30 Nov 2017 16:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1141155

Ion Ratio Lower Upper

276 100

277 24.3 18.3 27.5

138 15.6 13.9 20.9

