

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
 Data File : BG031350.D
 Acq On : 4 Dec 2017 17:23
 Operator : SJ/JU
 Sample : PB104670BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Quant Time: Dec 05 04:15:53 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	67568	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	282284	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	185791	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	476469	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	543500	20.00	ng	-0.02
86) Perylene-d12	25.06	264	552500	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.69	112	559352	141.95	ng	-0.02
7) Phenol-d6	7.30	99	720227	135.67	ng	0.00
23) Nitrobenzene-d5	9.30	82	416544	87.44	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	351291	116.88	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1198157	92.66	ng	-0.03
78) Terphenyl-d14	20.08	244	2138276	86.87	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	58759	36.746	ng	# 82
3) Pyridine	3.94	79	167847	36.156	ng	84
4) n-Nitrosodimethylamine	3.86	42	83946	38.155	ng	# 88
6) Aniline	7.45	93	218693	31.303	ng	93
8) 2-Chlorophenol	7.69	128	216299	49.742	ng	87
9) Benzaldehyde	7.27	77	74395	20.026	ng	85
10) Phenol	7.32	94	270648	49.093	ng	91
11) bis(2-Chloroethyl)ether	7.54	93	189982	43.160	ng	91
12) 1,3-Dichlorobenzene	8.02	146	223318	43.772	ng	96
13) 1,4-Dichlorobenzene	8.16	146	230012	44.490	ng	92
14) 1,2-Dichlorobenzene	8.48	146	219546	44.244	ng	98
15) Benzyl Alcohol	8.37	79	180454	42.379	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	274720	56.503	ng	91
17) 2-Methylphenol	8.58	107	186002	48.451	ng	96
18) Hexachloroethane	9.21	117	77983	43.339	ng	93
19) n-Nitroso-di-n-propylamine	8.93	70	151920	37.638	ng	# 95
20) 3+4-Methylphenols	8.91	107	253675	46.470	ng	94
22) Acetophenone	8.95	105	293423	41.747	ng	# 92
24) Nitrobenzene	9.34	77	223767	45.984	ng	# 88
25) Isophorone	9.86	82	426281	45.883	ng	# 91
26) 2-Nitrophenol	10.05	139	124646	49.141	ng	# 87
27) 2,4-Dimethylphenol	10.11	122	210050	55.781	ng	93
28) bis(2-Chloroethoxy)methane	10.33	93	272564	46.581	ng	96
29) 2,4-Dichlorophenol	10.60	162	244861	54.151	ng	93
30) 1,2,4-Trichlorobenzene	10.80	180	258265	47.839	ng	98
31) Naphthalene	10.99	128	639191	46.062	ng	99
32) Benzoic acid	10.28	122	101206	34.125	ng	# 82
33) 4-Chloroaniline	11.11	127	128269	21.115	ng	94
34) Hexachlorobutadiene	11.27	225	166406	44.445	ng	95
35) Caprolactam	11.88	113	51109	27.668	ng	# 73
36) 4-Chloro-3-methylphenol	12.23	107	238971	48.557	ng	86
37) 2-Methylnaphthalene	12.59	142	512701	47.860	ng	93
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	313365	42.496	ng	95
40) Hexachlorocyclopentadiene	12.93	237	287821	102.135	ng	92

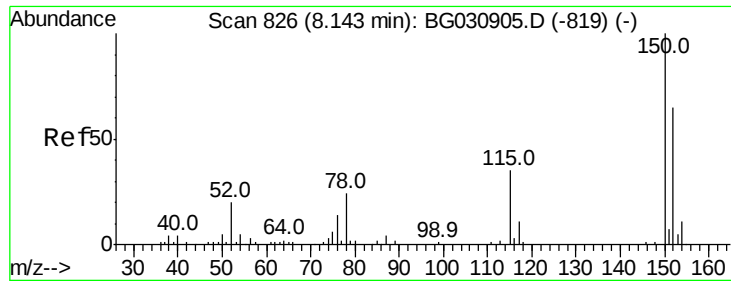
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG120417\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	215134	51.035	ng	99
43) 2,4,5-Trichlorophenol	13.28	196	226803	49.174	ng	# 90
45) 1,1'-Biphenyl	13.58	154	670227	43.503	ng	97
46) 2-Chloronaphthalene	13.63	162	552183	49.675	ng	95
47) 2-Nitroaniline	13.84	65	152395	46.255	ng	# 78
48) Acenaphthylene	14.48	152	838610	46.094	ng	99
49) Dimethylphthalate	14.20	163	743141	46.261	ng	99
50) 2,6-Dinitrotoluene	14.33	165	169535	51.203	ng	# 73
51) Acenaphthene	14.82	154	525907	46.285	ng	98
52) 3-Nitroaniline	14.66	138	111651	31.757	ng	# 77
53) 2,4-Dinitrophenol	14.88	184	144256	79.252	ng	# 45
54) Dibenzofuran	15.14	168	868096	47.965	ng	100
55) 4-Nitrophenol	14.99	139	235521	94.042	ng	# 76
56) 2,4-Dinitrotoluene	15.12	165	247693	51.745	ng	# 71
57) Fluorene	15.80	166	700352	47.664	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.38	232	229480	52.204	ng	# 89
59) Diethylphthalate	15.55	149	728059	44.618	ng	97
60) 4-Chlorophenyl-phenylether	15.78	204	418359	47.144	ng	91
61) 4-Nitroaniline	15.83	138	178521	47.953	ng	85
62) Azobenzene	16.07	77	580340	46.634	ng	91
64) 4,6-Dinitro-2-methylphenol	15.89	198	128584	40.600	ng	79
65) n-Nitrosodiphenylamine	16.00	169	655649	45.411	ng	99
66) 4-Bromophenyl-phenylether	16.67	248	279361	46.293	ng	96
67) Hexachlorobenzene	16.80	284	282153	44.003	ng	94
68) Atrazine	16.94	200	278256	46.710	ng	98
69) Pentachlorophenol	17.15	266	280058	79.013	ng	99
70) Phenanthrene	17.54	178	1197992	48.290	ng	99
71) Anthracene	17.62	178	1236625	49.748	ng	99
72) Carbazole	17.89	167	1143683	49.102	ng	99
73) Di-n-butylphthalate	18.43	149	1296823	45.346	ng	98
74) Fluoranthene	19.53	202	1577442	50.220	ng	97
76) Benzidine	19.71	184	669191	38.331	ng	96
77) Pyrene	19.90	202	1601738	49.665	ng	95
79) Butylbenzylphthalate	20.76	149	640175	49.784	ng	85
80) Benzo(a)anthracene	21.74	228	1641451	48.621	ng	97
81) 3,3'-Dichlorobenzidine	21.65	252	425213	31.202	ng	96
82) Chrysene	21.81	228	1535419	49.166	ng	96
83) Bis(2-ethylhexyl)phthalate	21.62	149	880675	47.445	ng	99
84) Di-n-octyl phthalate	22.84	149	1488656	49.274	ng	# 93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1851099	48.758	ng	99
87) Benzo(b)fluoranthene	24.01	252	1654455	49.504	ng	98
88) Benzo(k)fluoranthene	24.08	252	1591645	48.047	ng	97
89) Benzo(a)pyrene	24.90	252	1603050	50.491	ng	99
90) Dibenzo(a,h)anthracene	28.91	278	1539899	47.453	ng	100
91) Benzo(g,h,i)perylene	30.03	276	1509805	47.936	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.13 min Scan# 824

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

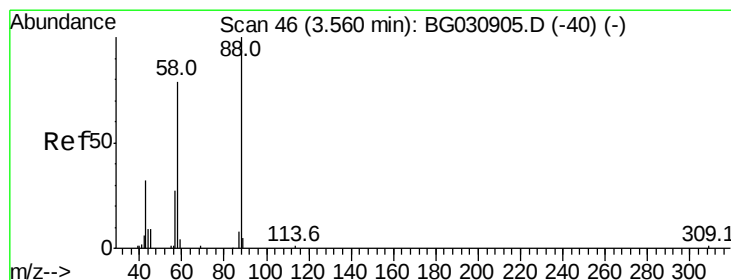
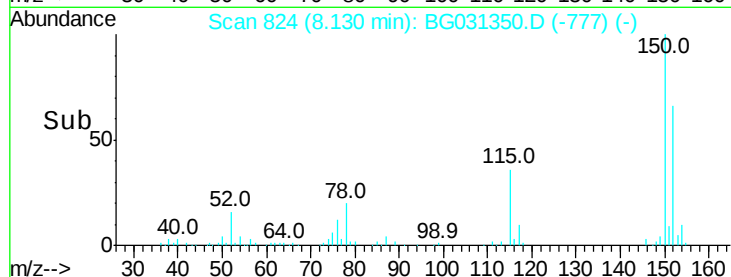
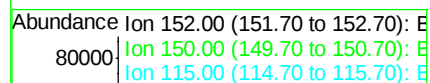
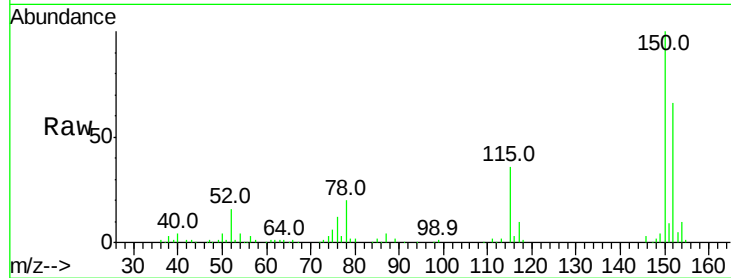
Tot Ion:152 Resp: 67568

Ion Ratio Lower Upper

152 100

150 152.5 126.6 189.8

115 54.7 53.0 79.4



#2

1,4-Dioxane

Concen: 36.746 ng

RT: 3.53 min Scan# 42

Delta R.T. -0.04 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

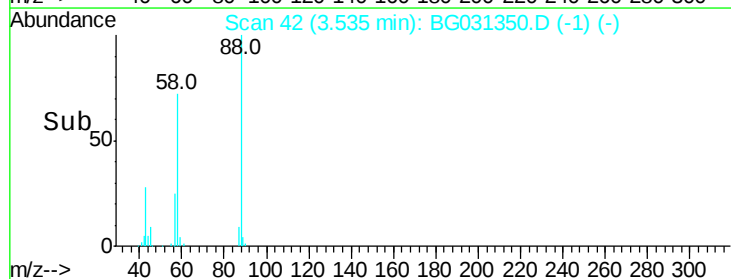
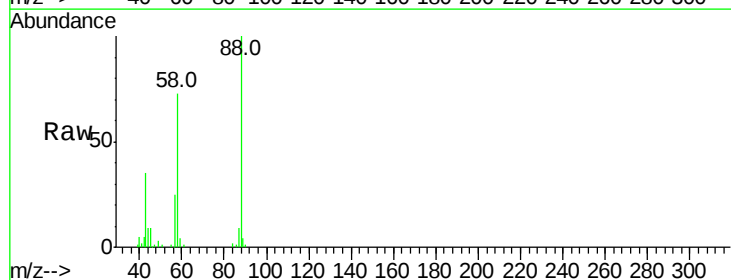
Tgt Ion: 88 Resp: 58759

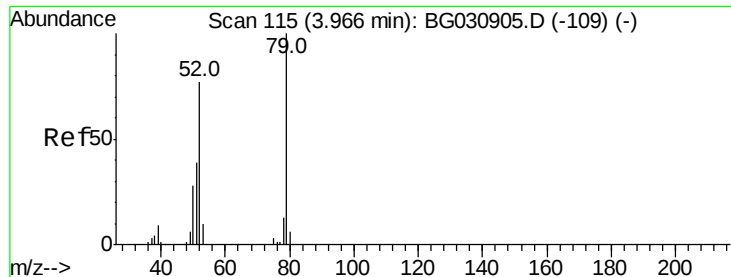
Ion Ratio Lower Upper

88 100

58 77.4 79.6 119.4#

43 29.8 27.4 41.0





#3

Pvridine

Concen: 36.156 ng

RT: 3.94 min Scan# 111

Delta R.T. -0.04 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

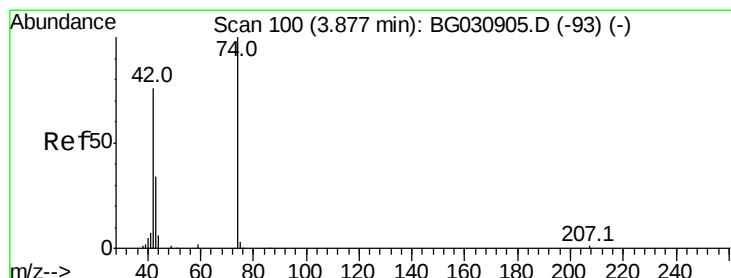
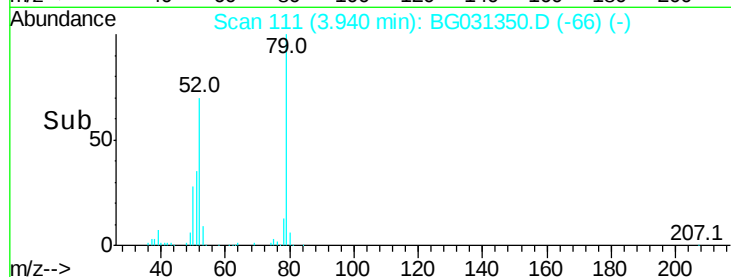
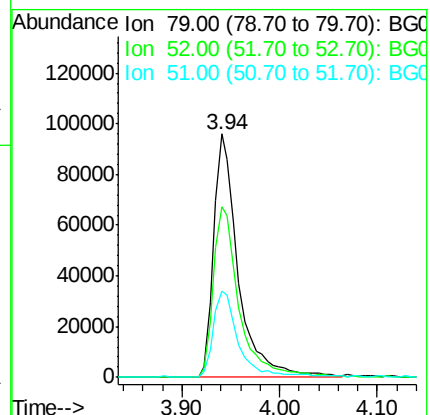
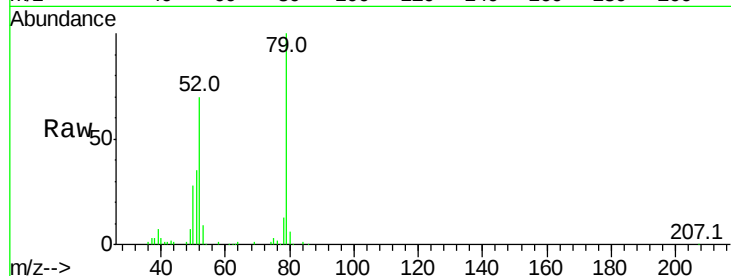
Tot Ion: 79 Resp: 167847

Ion Ratio Lower Upper

79 100

52 70.1 69.9 104.9

51 35.5 34.0 51.0



#4

n-Nitrosodimethylamine

Concen: 38.155 ng

RT: 3.86 min Scan# 97

Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

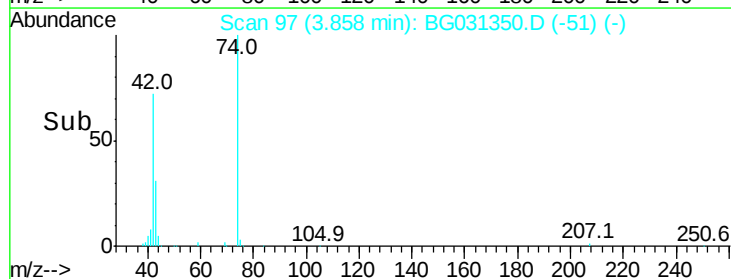
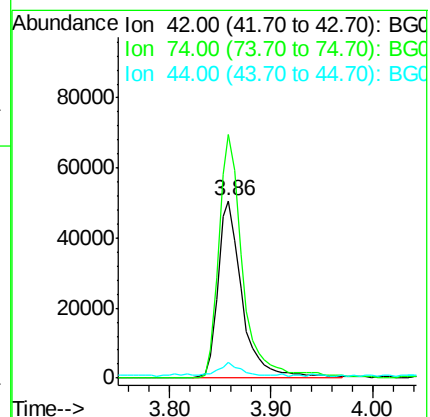
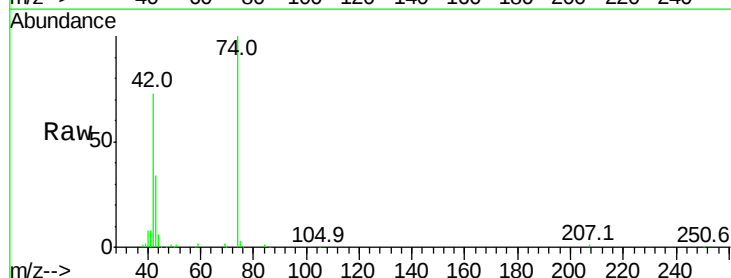
Tgt Ion: 42 Resp: 83946

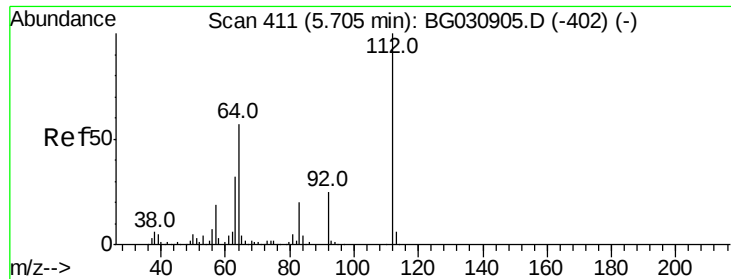
Ion Ratio Lower Upper

42 100

74 137.5 102.5 153.7

44 8.7 18.9 28.3#





#5

2-Fluorophenol

Concen: 141.954 ng

RT: 5.69 min Scan# 409

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

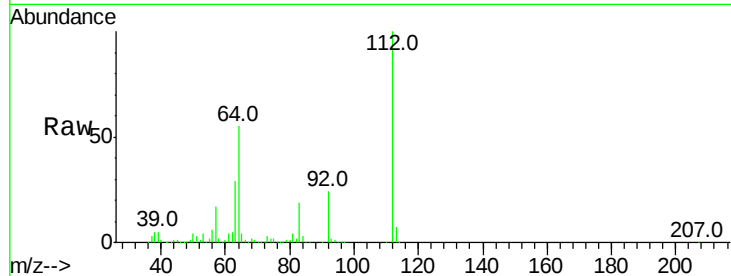
Tot Ion:112 Resp: 559352

Ion Ratio Lower Upper

112 100

64 54.5 56.3 84.5#

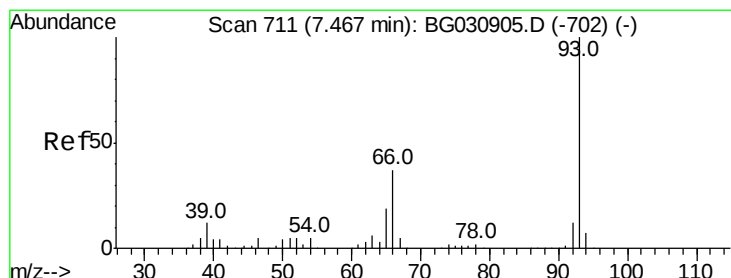
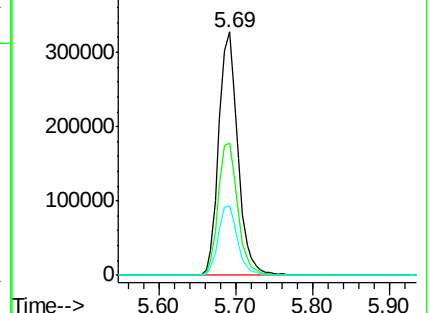
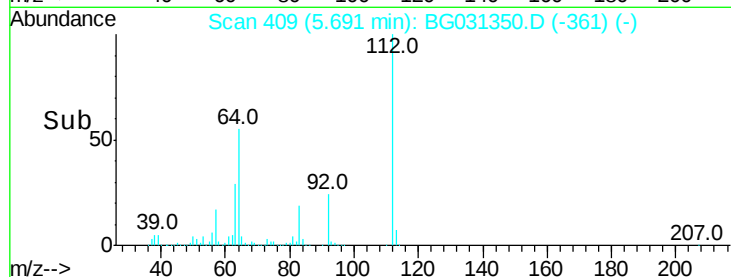
63 28.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.303 ng

RT: 7.45 min Scan# 708

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

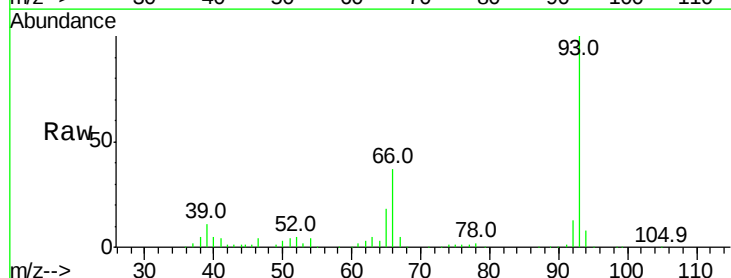
Tgt Ion: 93 Resp: 218693

Ion Ratio Lower Upper

93 100

66 36.9 33.7 50.5

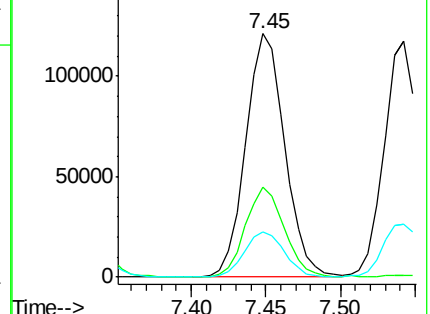
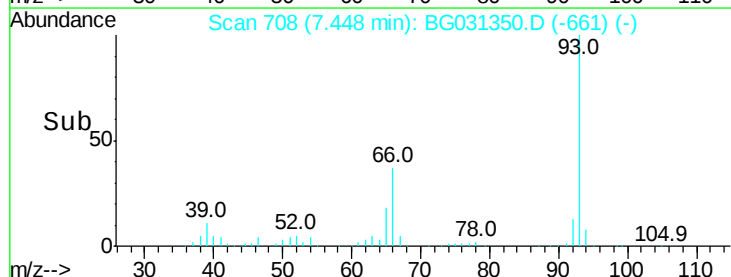
65 18.4 16.1 24.1

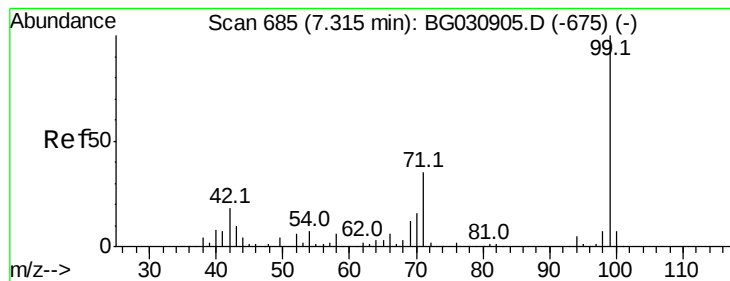


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 135.673 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

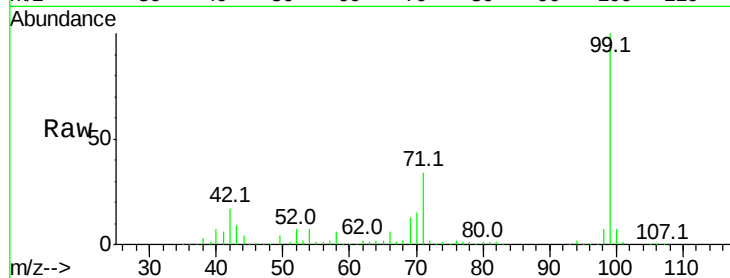
Tot Ion: 99 Resp: 720227

Ion Ratio Lower Upper

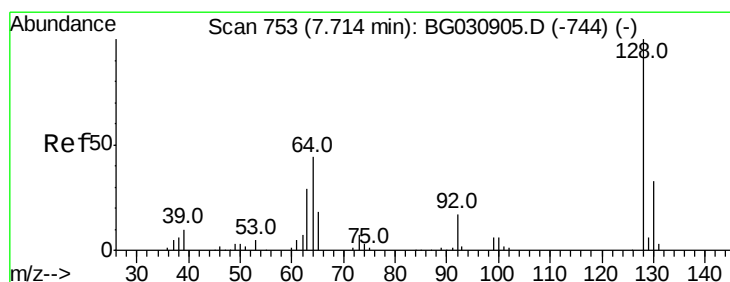
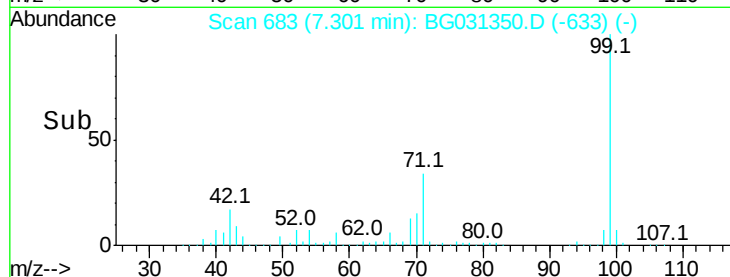
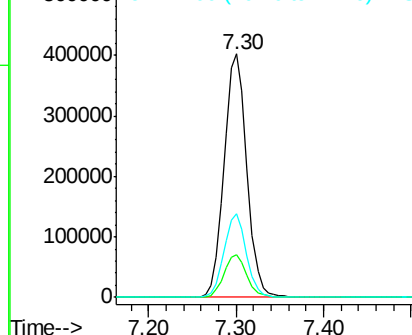
99 100

42 17.3 14.1 21.1

71 34.4 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: 49.742 ng

RT: 7.69 min Scan# 750

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

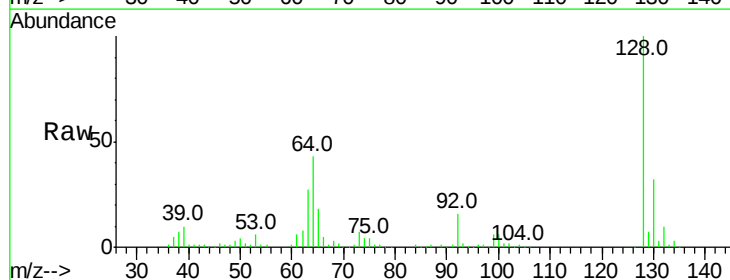
Tgt Ion:128 Resp: 216299

Ion Ratio Lower Upper

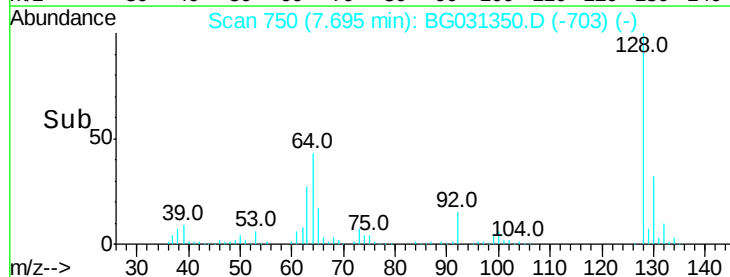
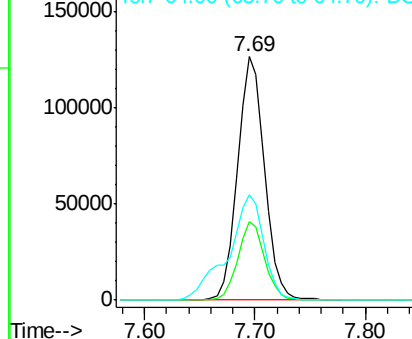
128 100

130 32.3 14.0 54.0

64 43.3 37.7 77.7



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

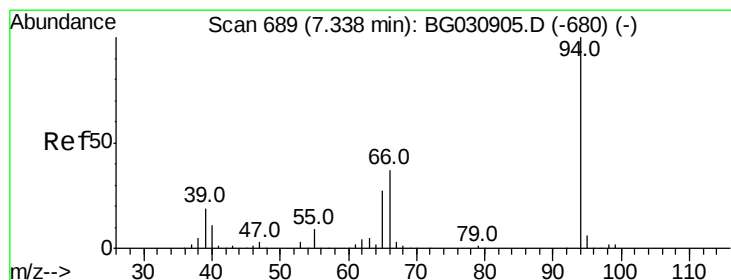
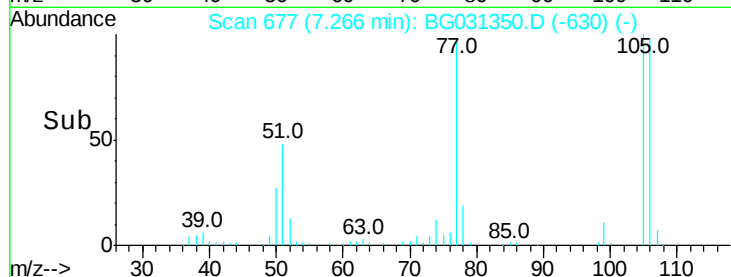
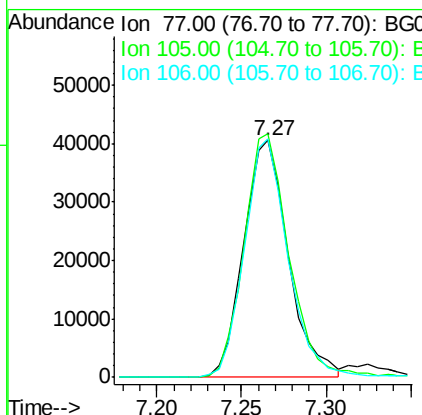
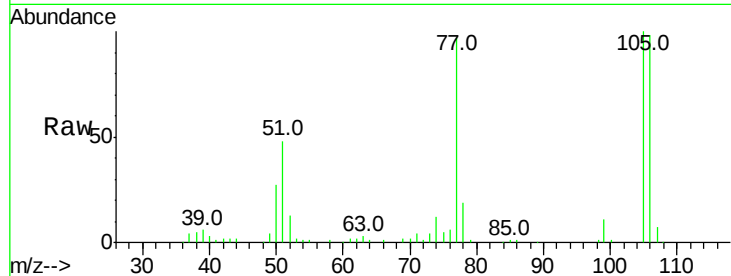




#9
Benzaldehyde
Concen: 20.026 ng
RT: 7.27 min Scan# 677
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

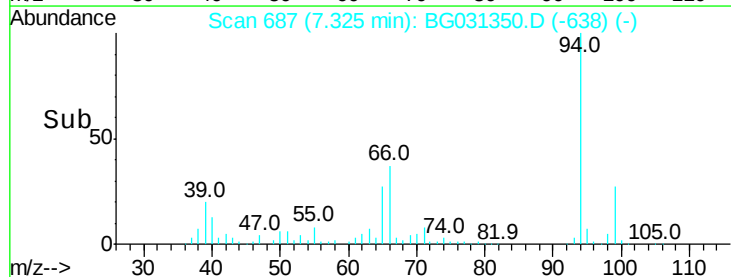
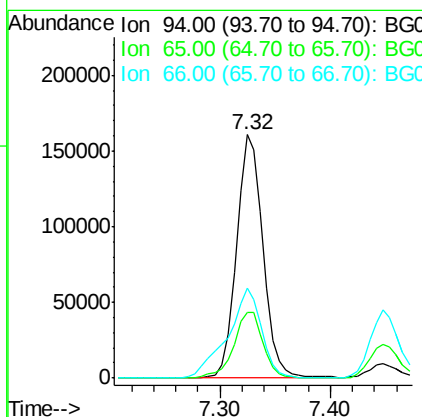
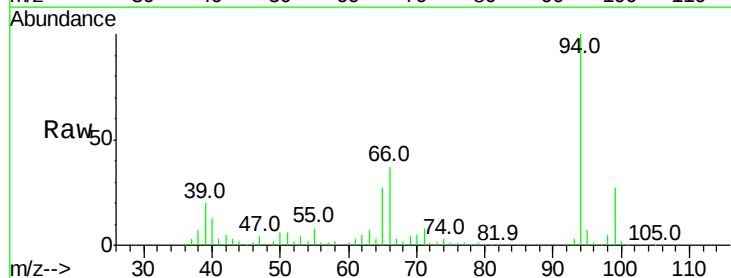
Instrument :
BNA_G
ClientSampleID :
PB104670BS

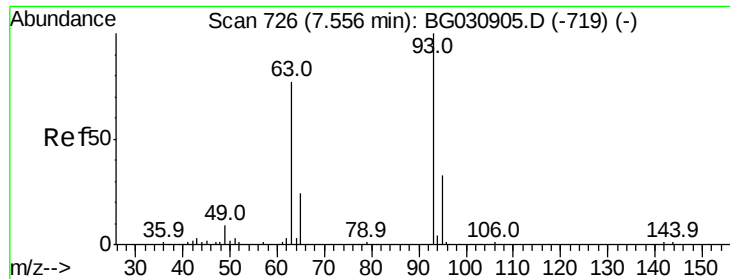
Tot Ion: 77 Resp: 74395
Ion Ratio Lower Upper
77 100
105 102.7 71.3 111.3
106 100.6 64.2 104.2



#10
Phenol
Concen: 49.093 ng
RT: 7.32 min Scan# 687
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion: 94 Resp: 270648
Ion Ratio Lower Upper
94 100
65 26.9 11.9 51.9
66 36.9 22.2 62.2

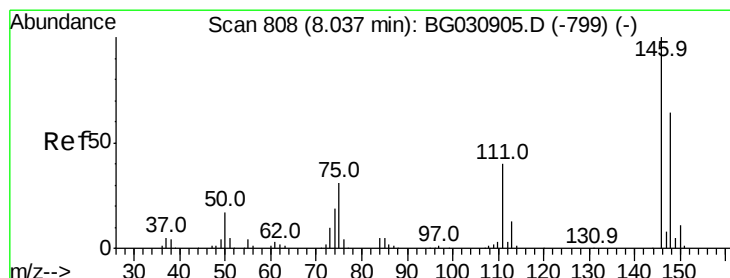
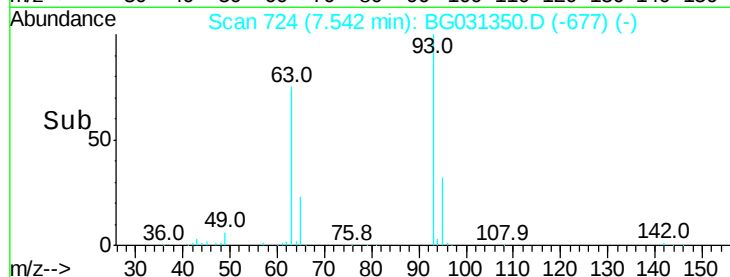
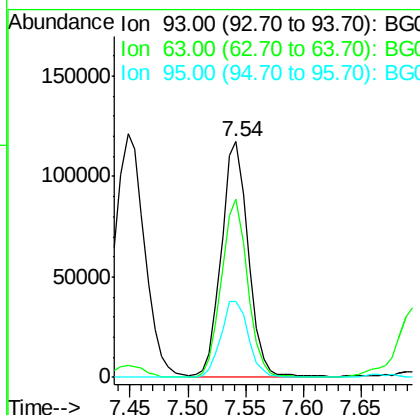
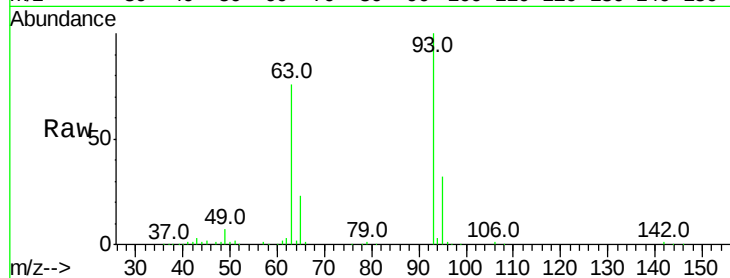




#11
bis(2-Chloroethyl)ether
Concen: 43.160 ng
RT: 7.54 min Scan# 724
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

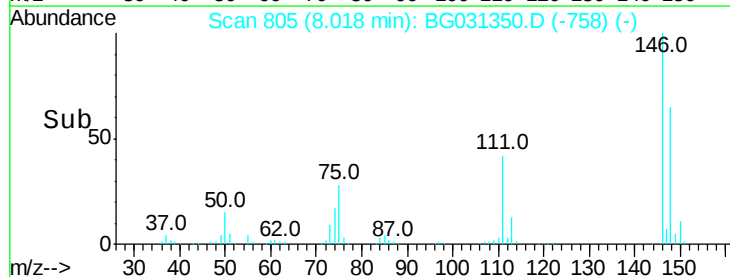
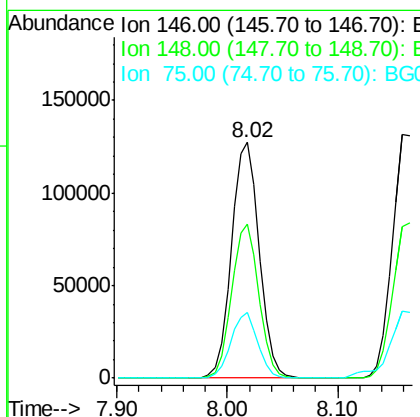
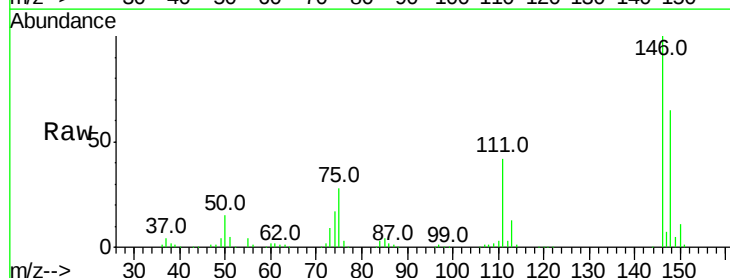
Instrument :
BNA_G
ClientSampleId :
PB104670BS

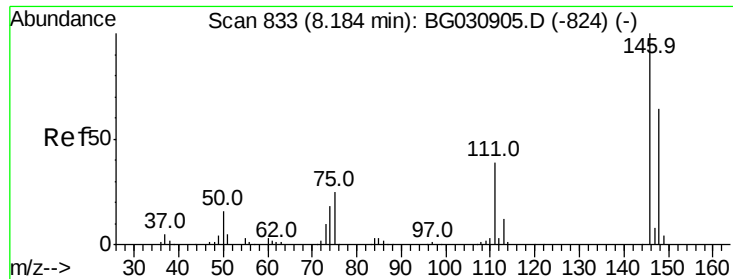
Tot Ion: 93 Resp: 189982
Ion Ratio Lower Upper
93 100
63 75.7 67.1 107.1
95 32.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 43.772 ng
RT: 8.02 min Scan# 805
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion: 146 Resp: 223318
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.2
75 28.0 26.6 39.8

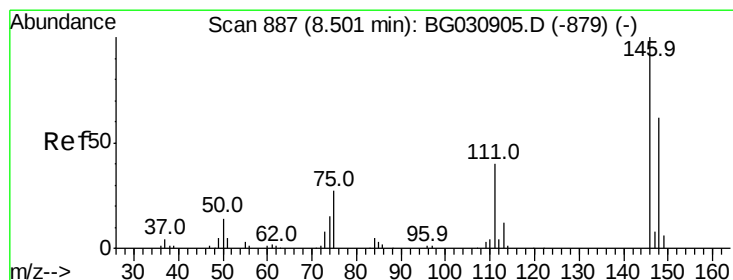
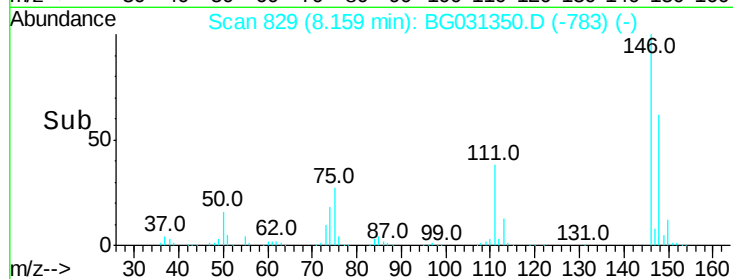
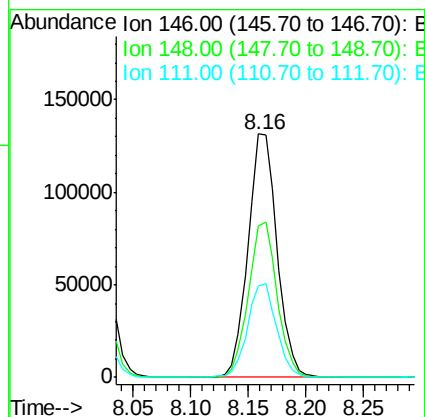
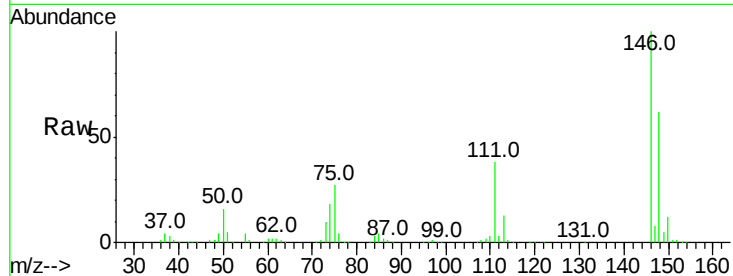




#13
 1,4-Dichlorobenzene
 Concen: 44.490 ng
 RT: 8.16 min Scan# 829
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

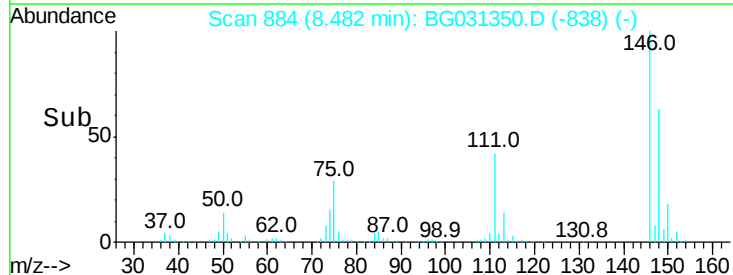
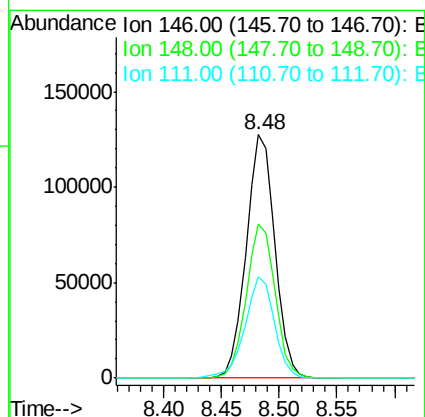
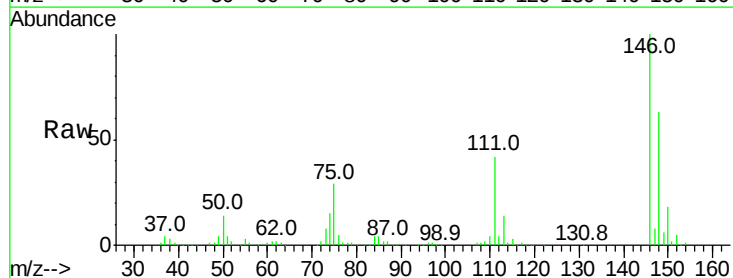
Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

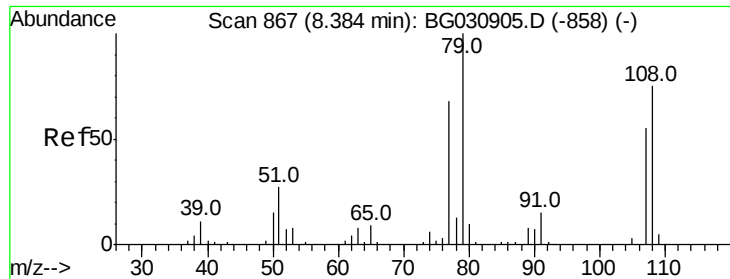
Tot Ion:146 Resp: 230012
 Ion Ratio Lower Upper
 146 100
 148 62.3 53.7 80.5
 111 37.6 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 44.244 ng
 RT: 8.48 min Scan# 884
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion:146 Resp: 219546
 Ion Ratio Lower Upper
 146 100
 148 63.3 49.3 73.9
 111 41.6 34.3 51.5

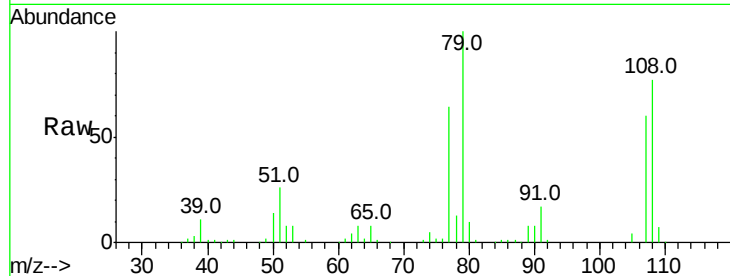




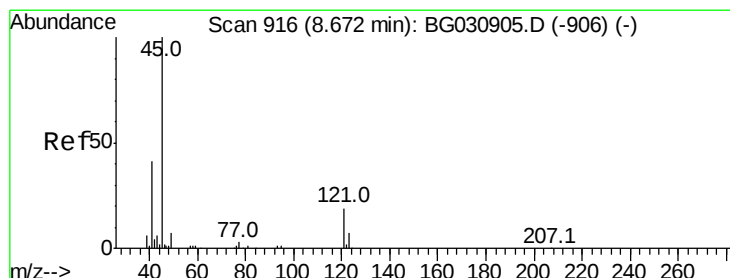
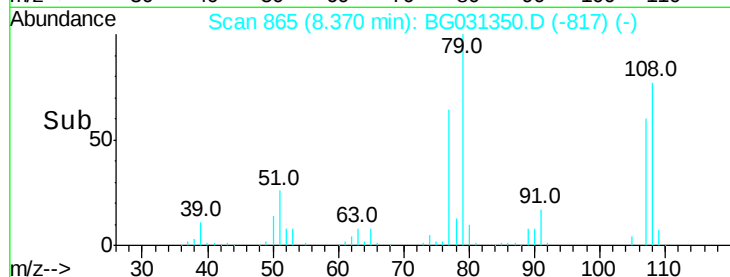
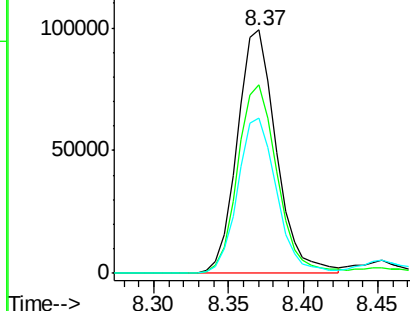
#15
Benzyl Alcohol
Concen: 42.379 ng
RT: 8.37 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion: 79 Resp: 180454
Ion Ratio Lower Upper
79 100
108 77.3 57.2 85.8
77 63.8 46.1 69.1

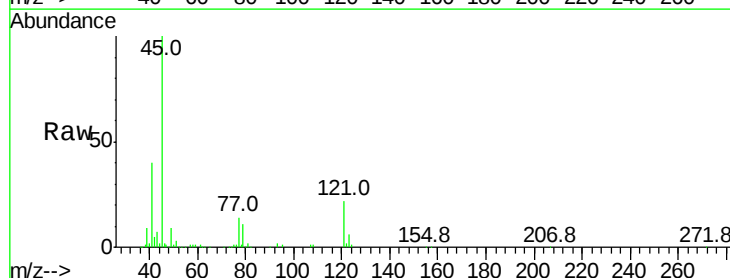


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

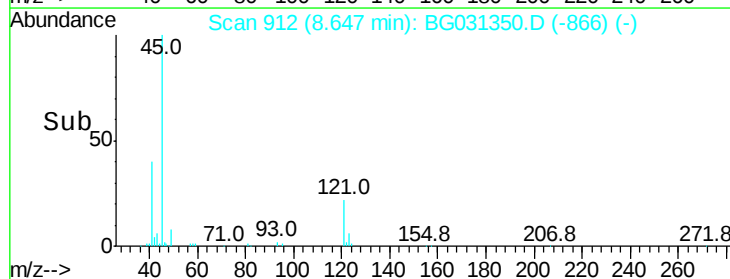
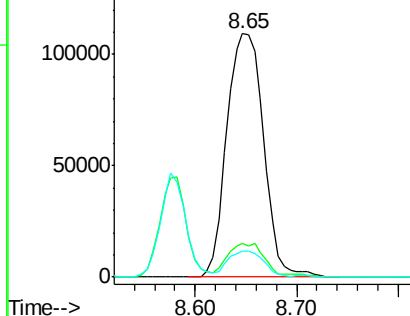


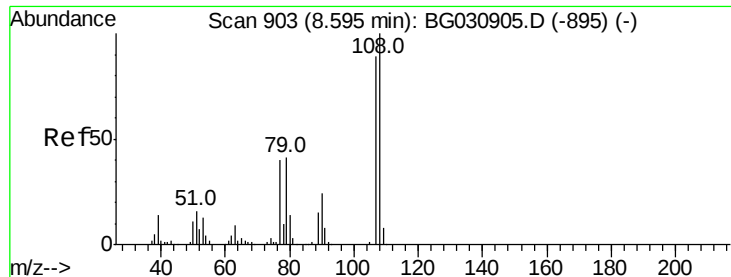
#16
2,2'-oxybis(1-chloropropane)
Concen: 56.503 ng
RT: 8.65 min Scan# 912
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion: 45 Resp: 274720
Ion Ratio Lower Upper
45 100
77 13.9 0.0 30.2
79 10.6 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

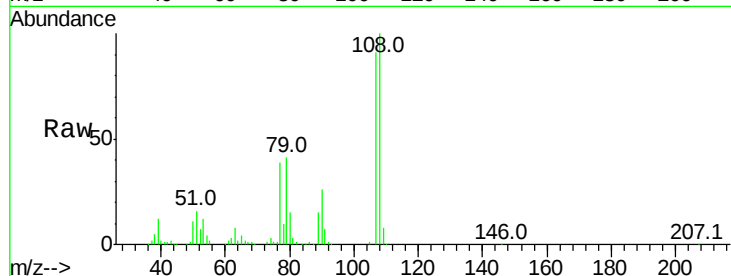




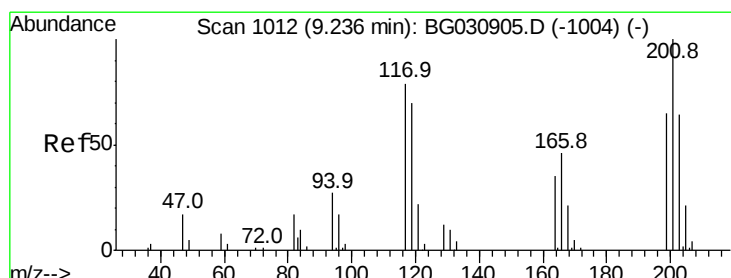
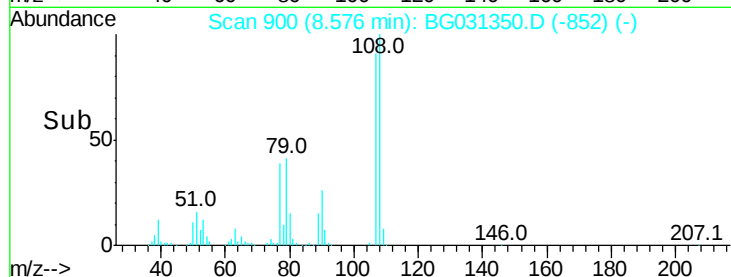
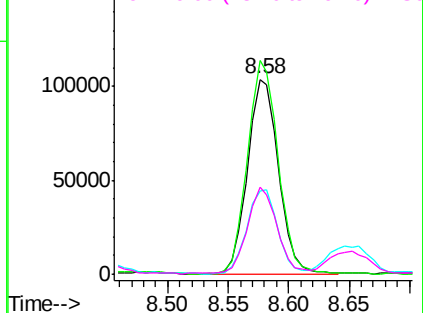
#17
2-Methylphenol
Concen: 48.451 ng
RT: 8.58 min Scan# 900
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:	107	Resp:	186002
Ion	Ratio	Lower	Upper
107	100		
108	109.5	83.9	125.9
77	42.7	37.2	55.8
79	44.8	36.2	54.2

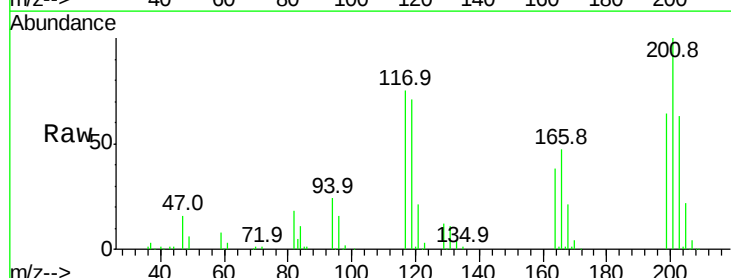


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

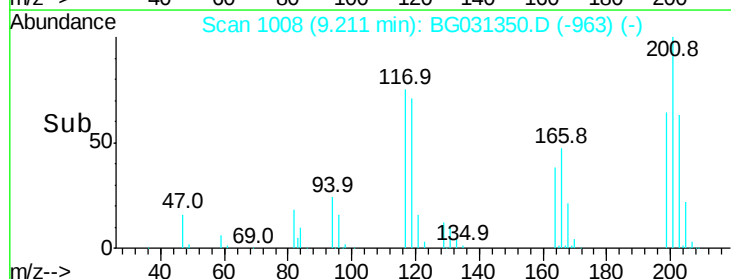
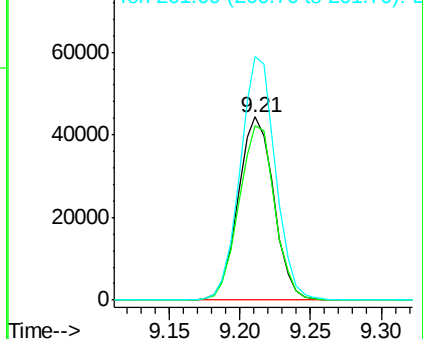


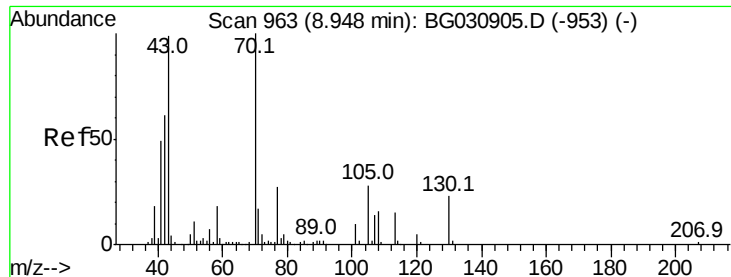
#18
Hexachloroethane
Concen: 43.339 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.04 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:	117	Resp:	77983
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.7	115.1
201	133.1	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

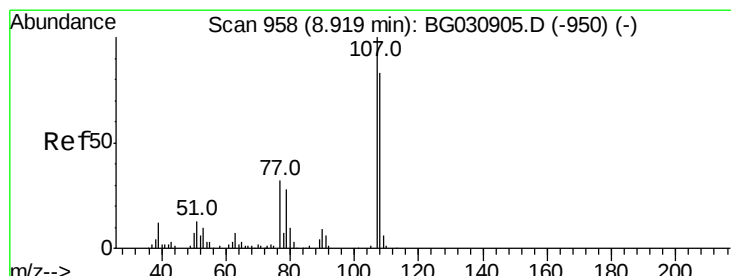
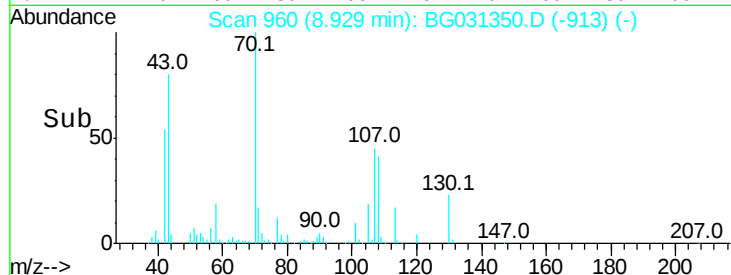
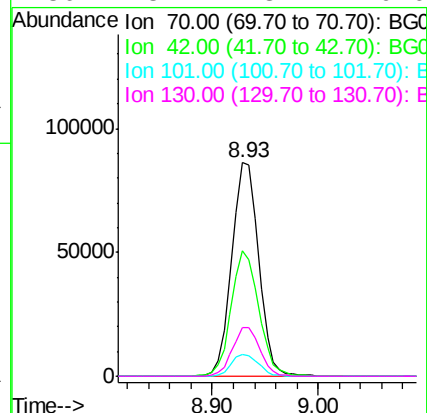
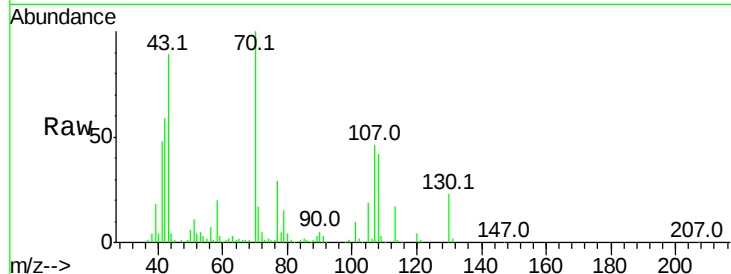




#19
n-Nitroso-di-n-propylamine
Concen: 37.638 ng
RT: 8.93 min Scan# 960
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

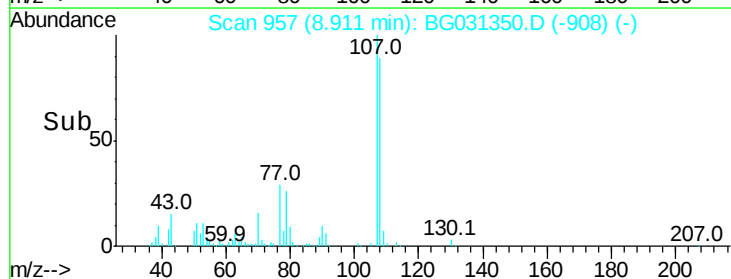
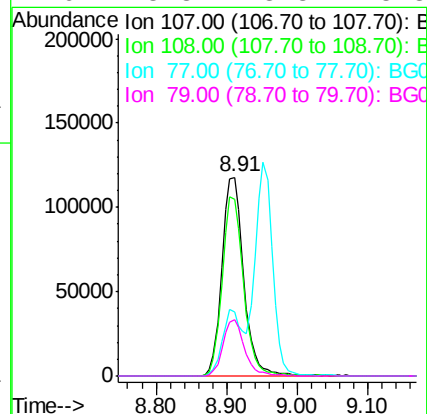
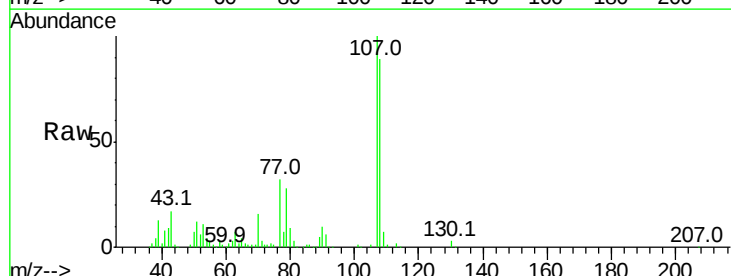
Instrument :
BNA_G
ClientSampleId :
PB104670BS

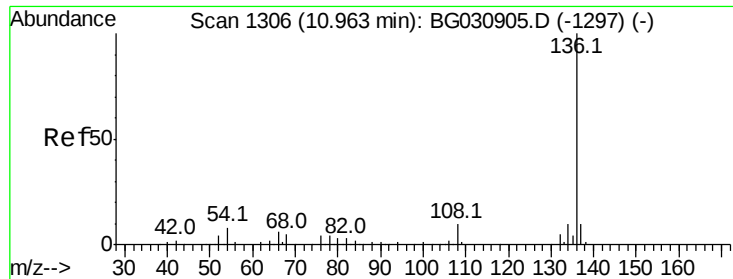
Tot Ion: 70 Resp: 151920
Ion Ratio Lower Upper
70 100
42 58.7 49.1 73.7
101 10.0 8.5 12.7
130 23.1 13.4 20.0#



#20
3+4-Methylphenols
Concen: 46.470 ng
RT: 8.91 min Scan# 957
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:107 Resp: 253675
Ion Ratio Lower Upper
107 100
108 88.9 61.6 101.6
77 32.1 13.9 53.9
79 28.3 8.8 48.8

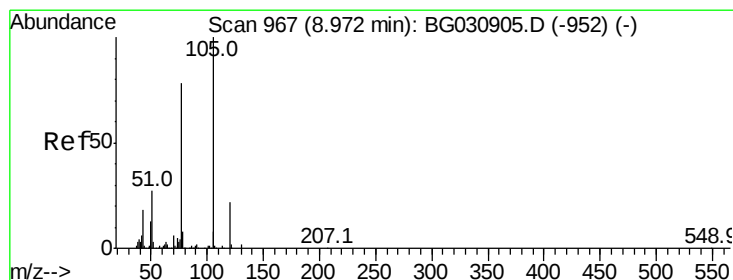
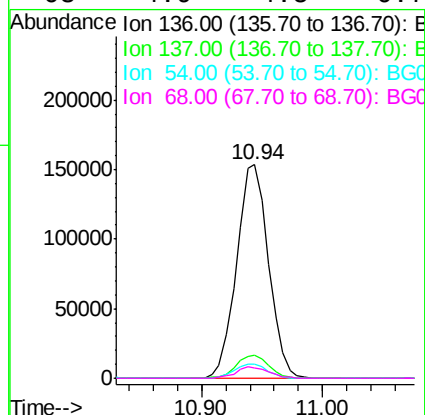
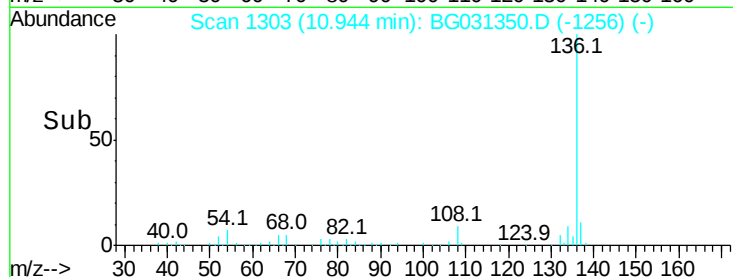
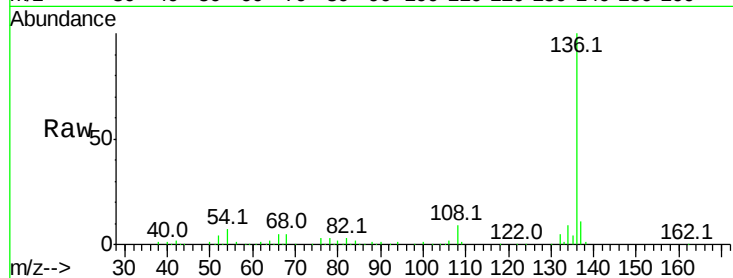




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.94 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

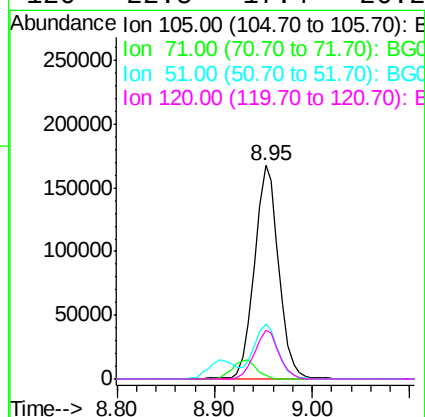
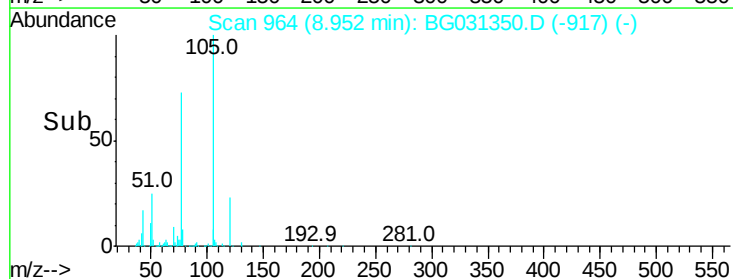
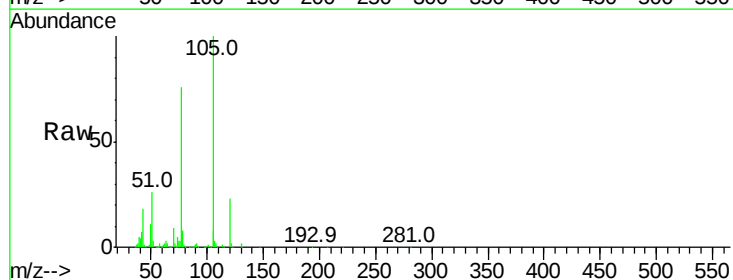
Instrument :
BNA_G
ClientSampleId :
PB104670BS

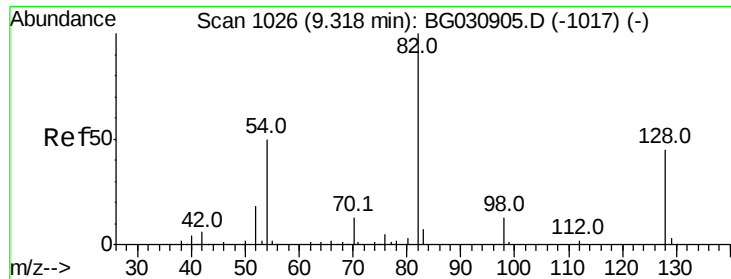
Tot Ion:136	Resp:	282284	
Ion Ratio	Lower	Upper	
136 100			
137 10.6	9.2	13.8	
54 6.8	10.3	15.5#	
68 4.9	4.5	6.7	



#22
Acetophenone
Concen: 41.747 ng
RT: 8.95 min Scan# 964
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt	Ion:105	Resp:	293423
Ion	Ratio	Lower	Upper
105	100		
71	1.7	3.0	4.4#
51	25.9	26.1	39.1#
120	22.5	17.4	26.2

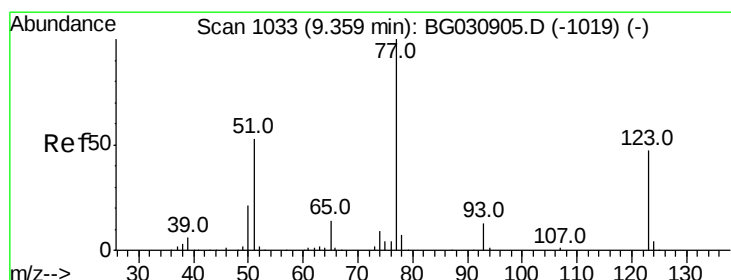
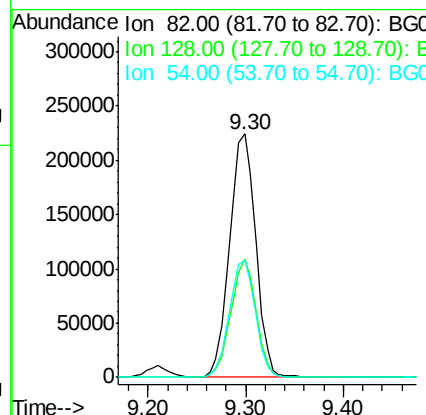
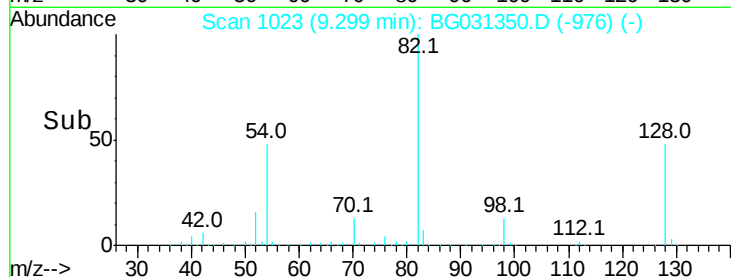
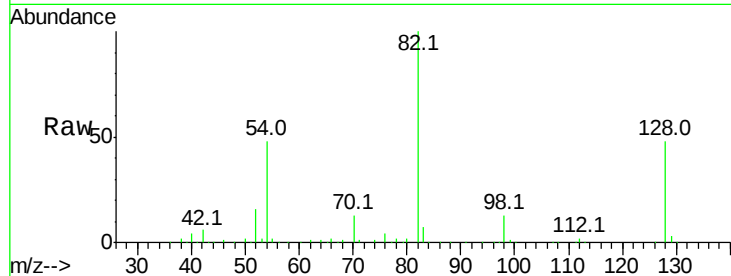




#23
 Nitrobenzene-d5
 Concen: 87.440 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

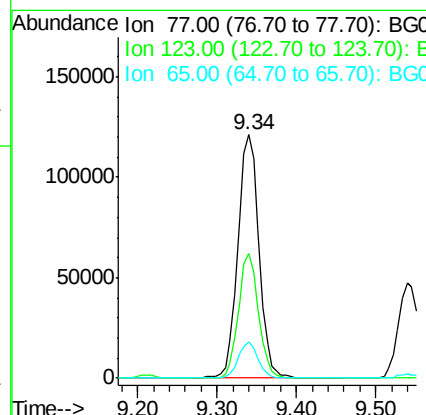
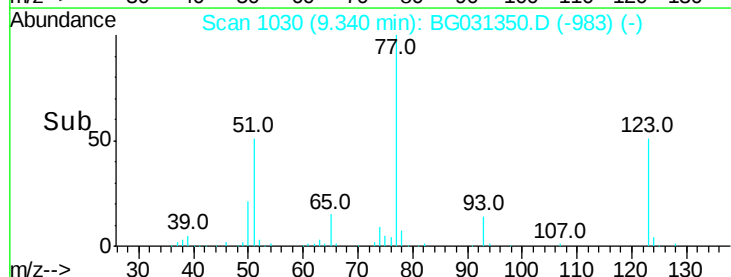
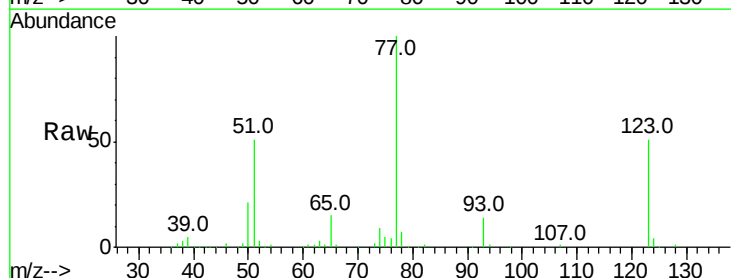
Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

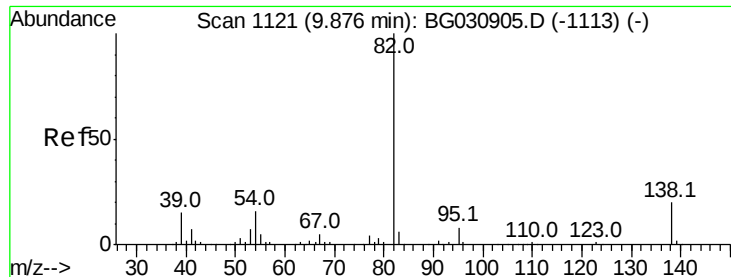
Tot Ion: 82 Resp: 416544
 Ion Ratio Lower Upper
 82 100
 128 48.5 29.7 44.5#
 54 48.2 43.1 64.7



#24
 Nitrobenzene
 Concen: 45.984 ng
 RT: 9.34 min Scan# 1030
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion: 77 Resp: 223767
 Ion Ratio Lower Upper
 77 100
 123 51.3 33.0 49.6#
 65 15.0 13.0 19.6





#25

Isophorone

Concen: 45.883 ng

RT: 9.86 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

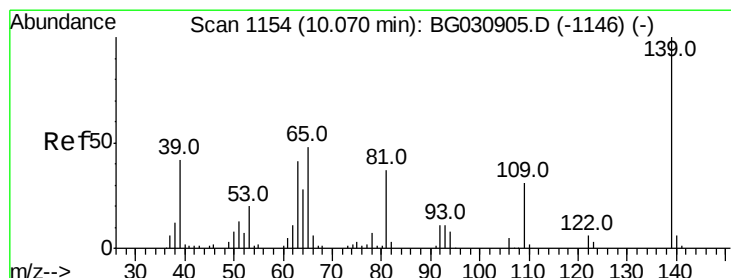
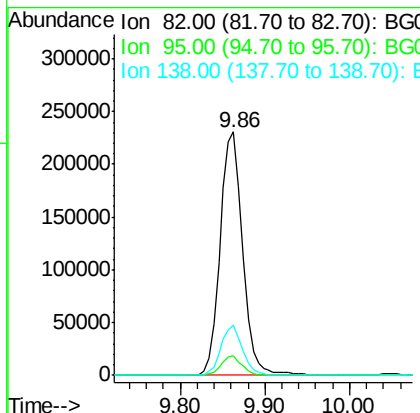
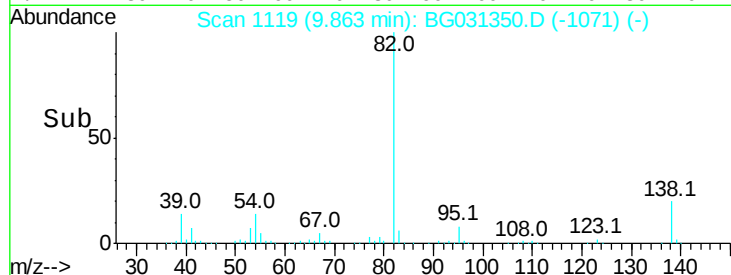
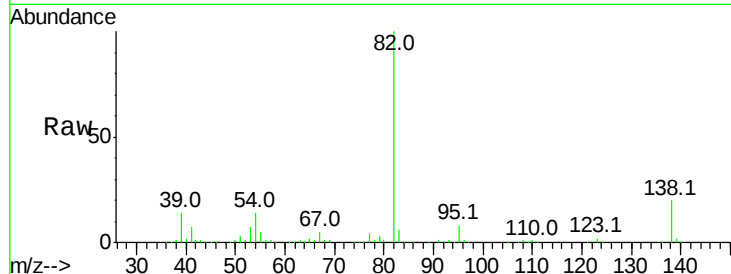
Tot Ion: 82 Resp: 426281

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 20.5 12.1 18.1#



#26

2-Nitrophenol

Concen: 49.141 ng

RT: 10.05 min Scan# 1151

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

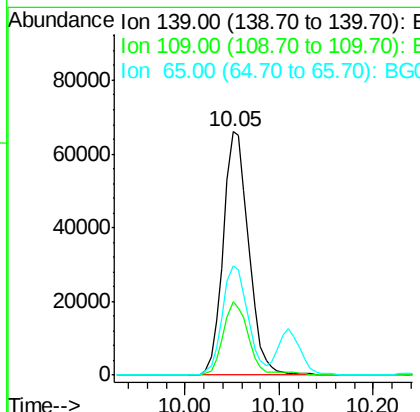
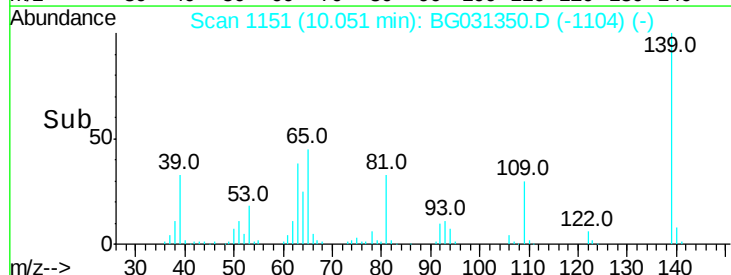
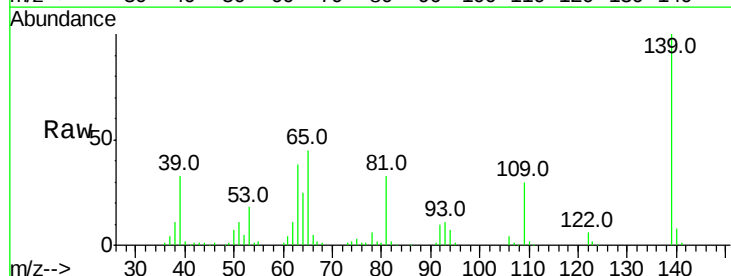
Tgt Ion:139 Resp: 124646

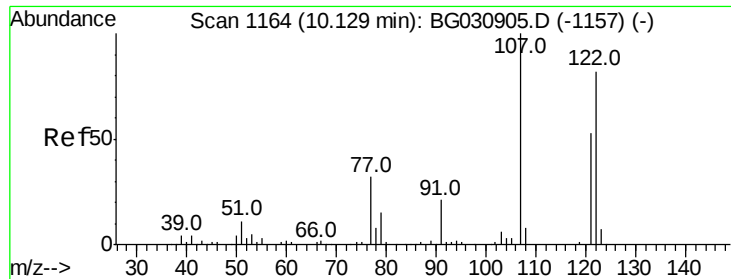
Ion Ratio Lower Upper

139 100

109 30.0 24.2 36.2

65 45.0 47.4 71.0#

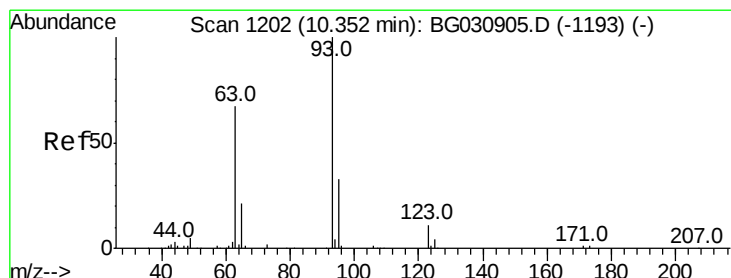
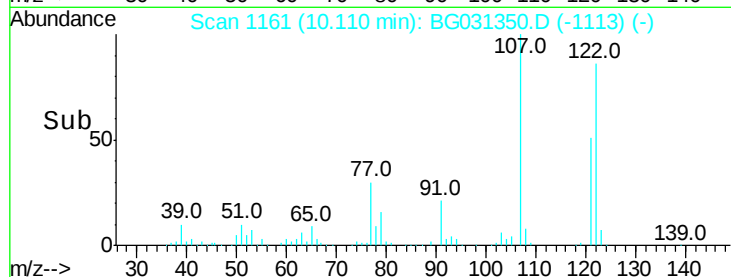
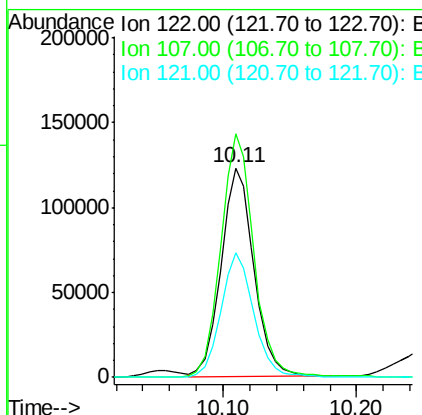
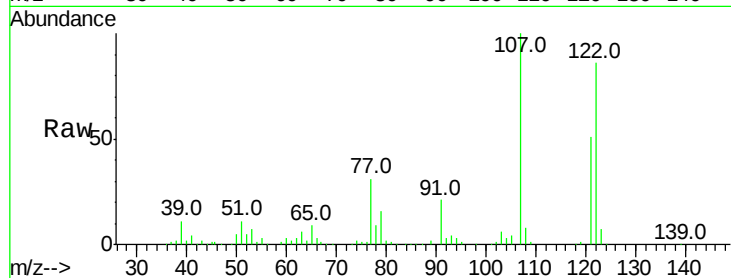




#27
2,4-Dimethylphenol
Concen: 55.781 ng
RT: 10.11 min Scan# 1161
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

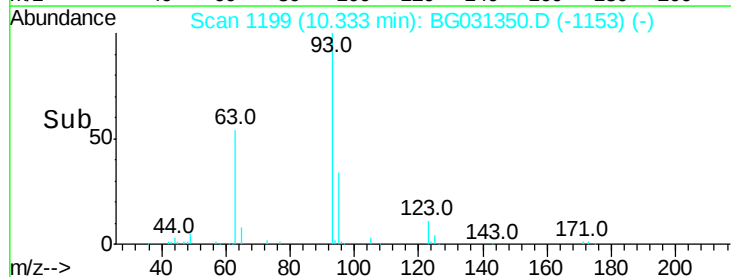
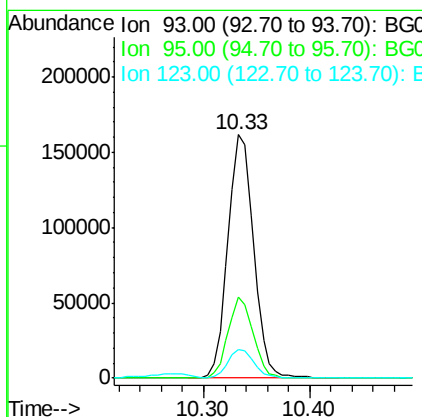
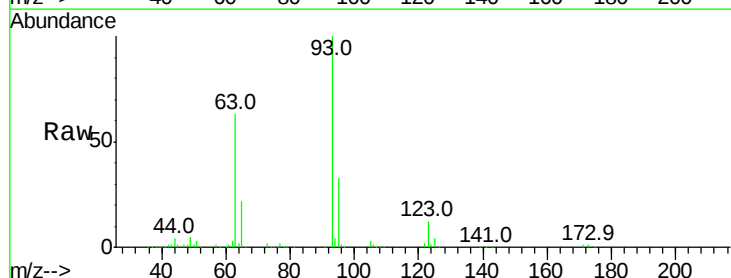
Instrument :
BNA_G
ClientSampleId :
PB104670BS

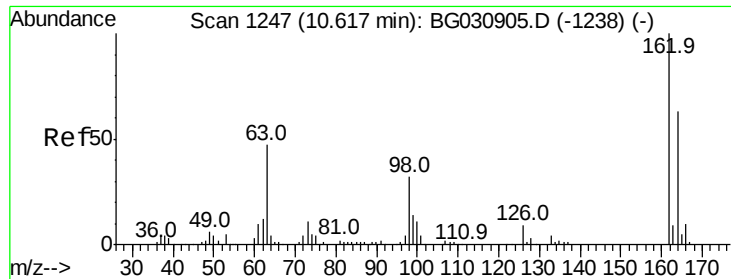
Tot Ion:122 Resp: 210050
Ion Ratio Lower Upper
122 100
107 116.4 100.2 150.2
121 59.6 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.581 ng
RT: 10.33 min Scan# 1199
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion: 93 Resp: 272564
Ion Ratio Lower Upper
93 100
95 33.0 24.3 36.5
123 11.5 8.4 12.6

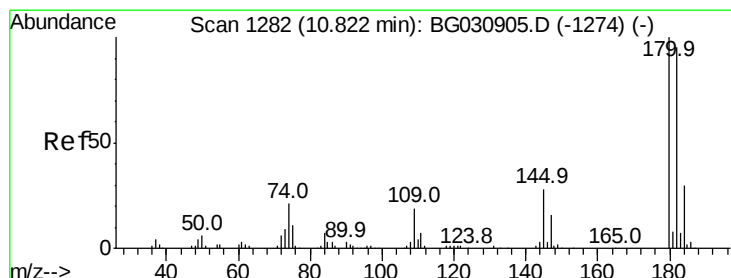
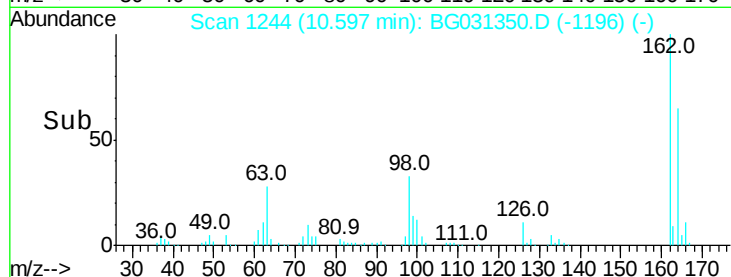
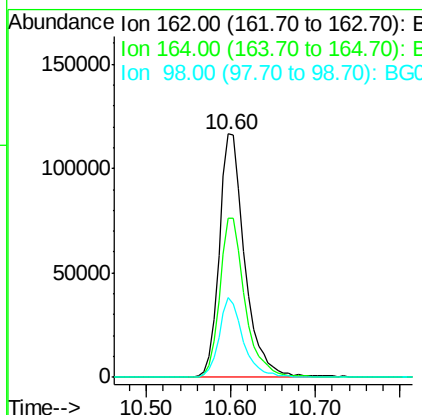
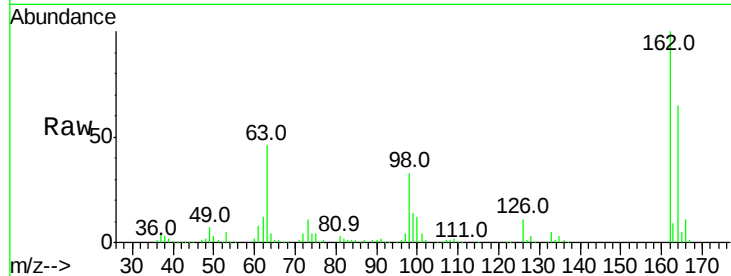




#29
 2,4-Dichlorophenol
 Concen: 54.151 ng
 RT: 10.60 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

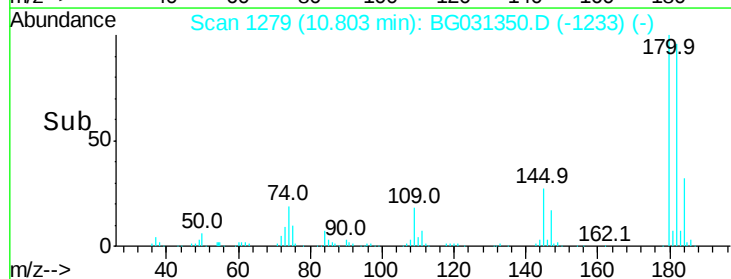
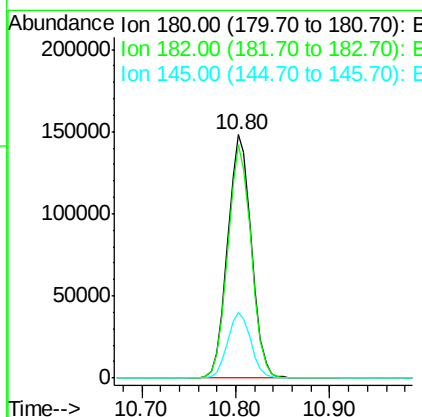
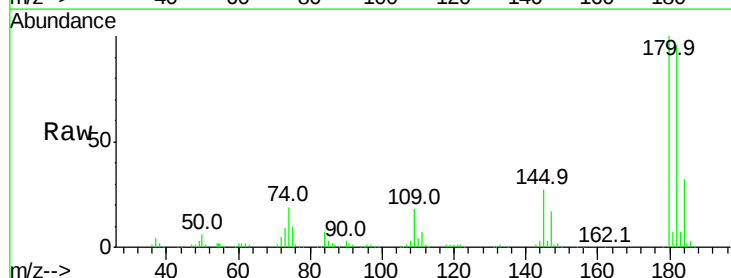
Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

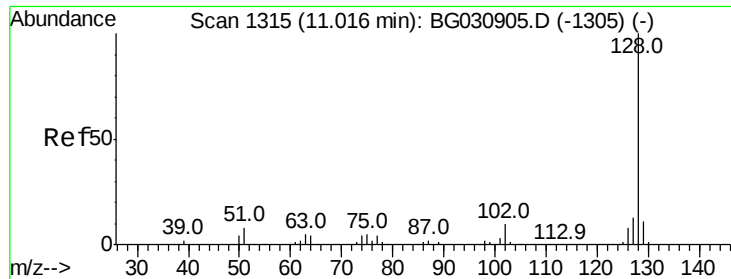
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	48.0	88.0
98	32.6	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.839 ng
 RT: 10.80 min Scan# 1279
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.5	116.3
145	26.9	23.4	35.2

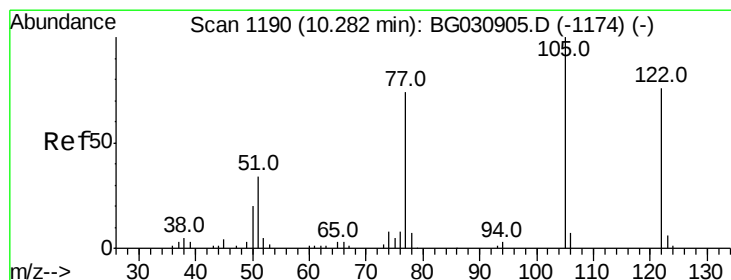
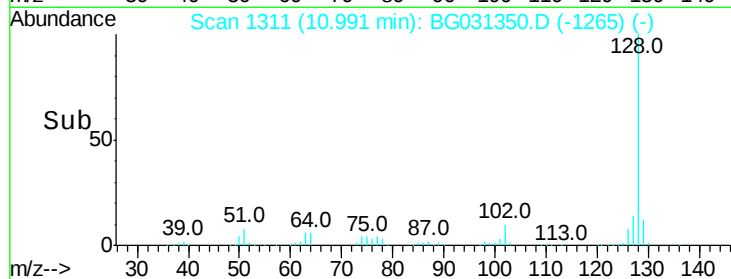
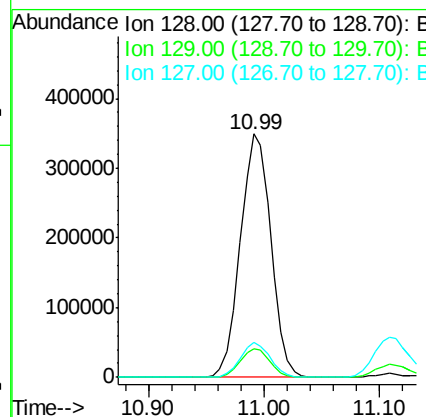
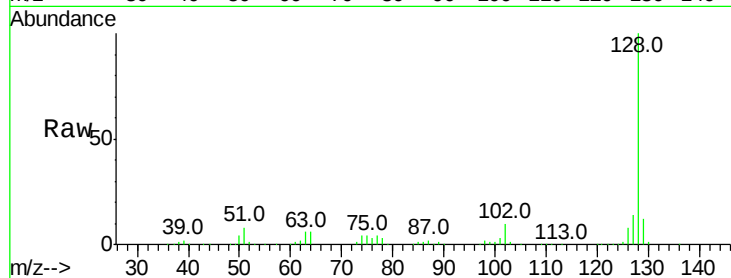




#31
Naphthalene
Concen: 46.062 ng
RT: 10.99 min Scan# 1311
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

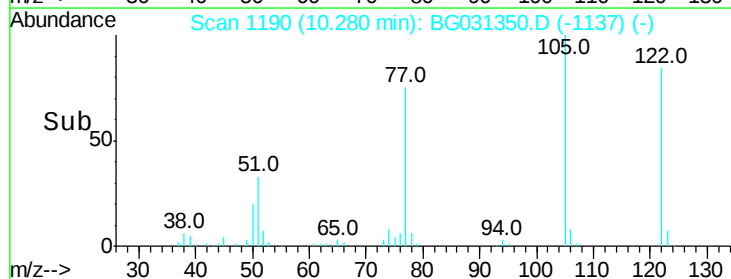
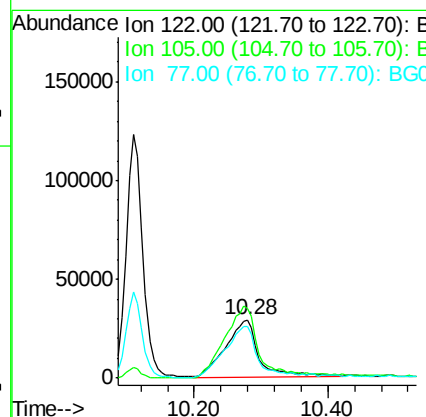
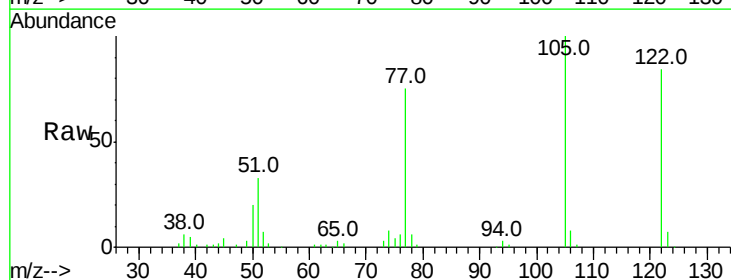
Instrument :
BNA_G
ClientSampleId :
PB104670BS

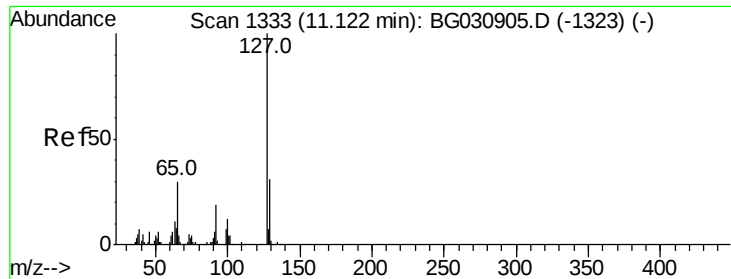
Tot Ion:128 Resp: 639191
Ion Ratio Lower Upper
128 100
129 11.8 8.6 12.8
127 14.4 11.6 17.4



#32
Benzoic acid
Concen: 34.125 ng
RT: 10.28 min Scan# 1190
Delta R.T. 0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:122 Resp: 101206
Ion Ratio Lower Upper
122 100
105 119.2 123.5 163.5#
77 89.0 85.7 125.7

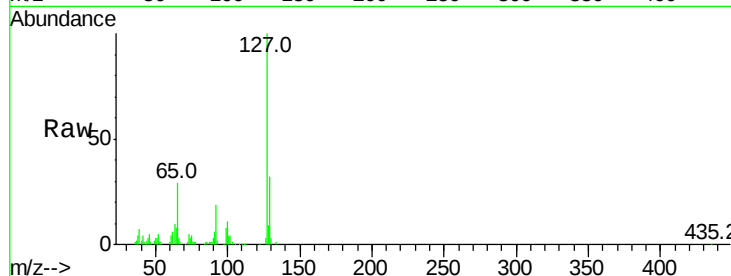




#33
4-Chloroaniline
Concen: 21.115 ng
RT: 11.11 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:127	Resp:	128269
Ion Ratio	Lower	Upper
127 100		
129 32.1	24.0	36.0
65 29.0	27.0	40.4
92 18.6	16.6	25.0

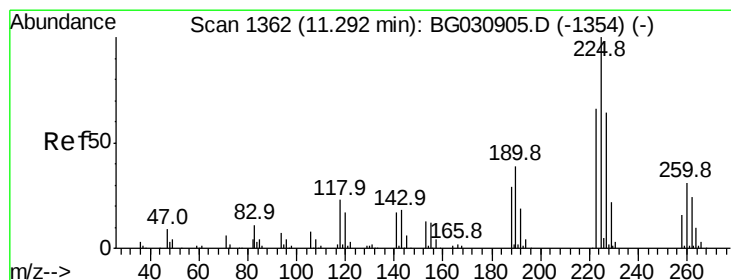
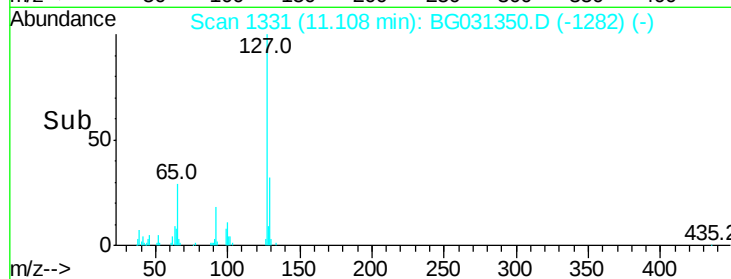
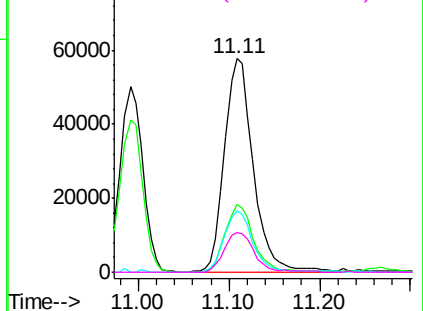


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

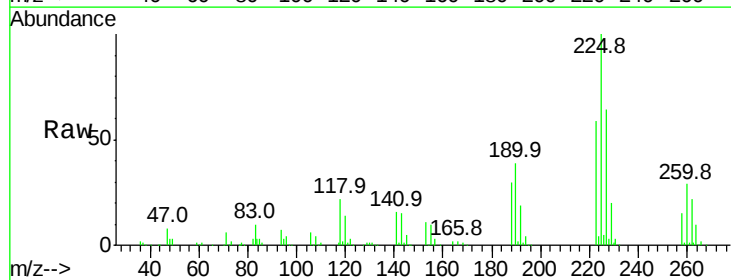
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.445 ng
RT: 11.27 min Scan# 1359
Delta R.T. -0.03 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

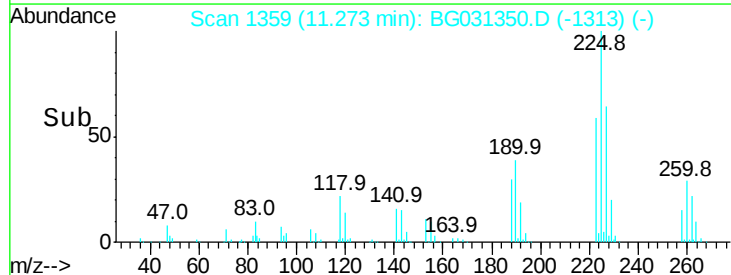
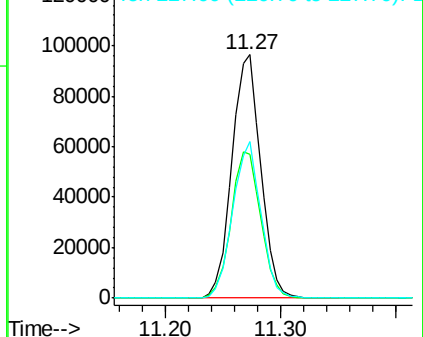
Tgt	Ion:225	Resp:	166406
Ion	Ratio	Lower	Upper
225	100		
223	59.1	49.7	74.5
227	64.3	48.1	72.1

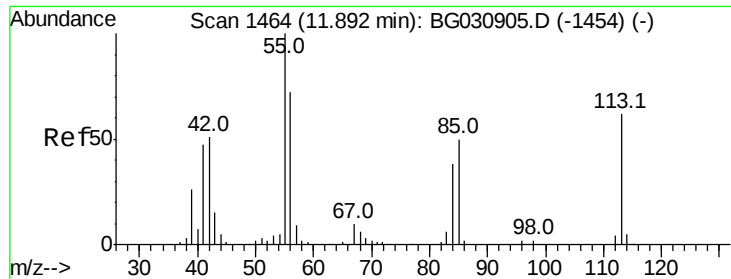


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.668 ng

RT: 11.88 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

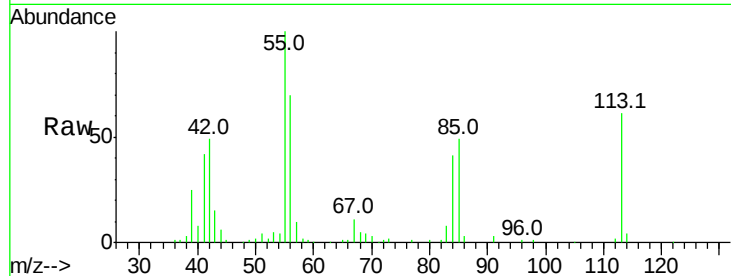
Tot Ion:113 Resp: 51109

Ion Ratio Lower Upper

113 100

55 164.9 186.9 226.9#

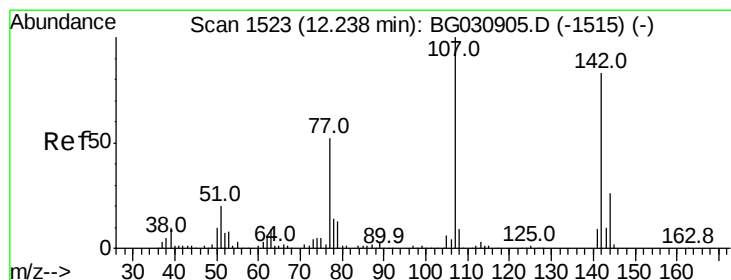
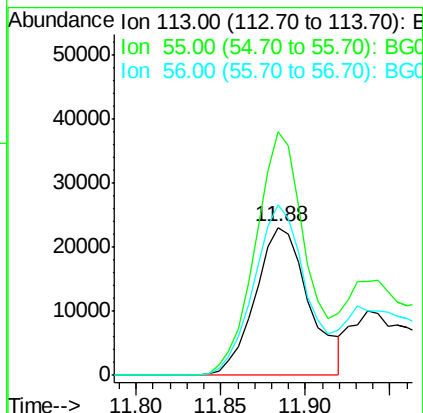
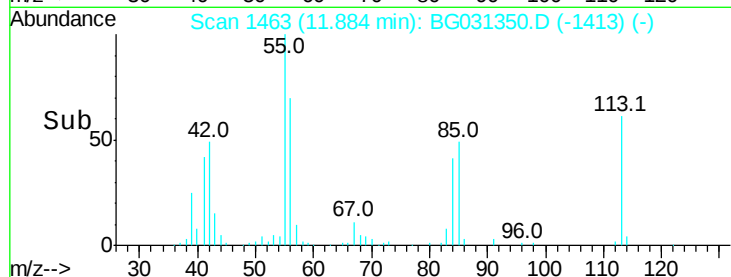
56 115.8 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.557 ng

RT: 12.23 min Scan# 1522

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

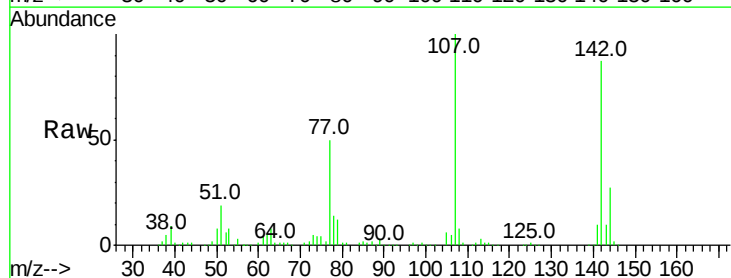
Tgt Ion:107 Resp: 238971

Ion Ratio Lower Upper

107 100

144 27.3 18.2 27.4

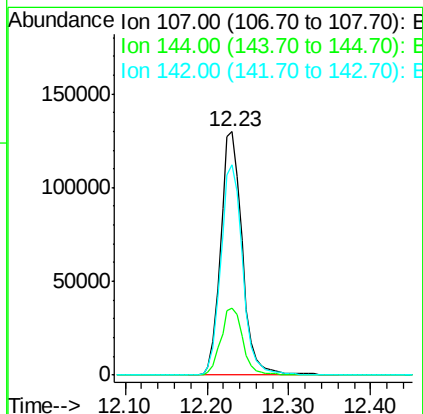
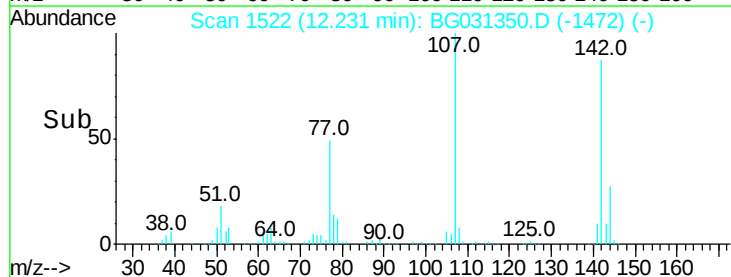
142 86.6 59.0 88.4

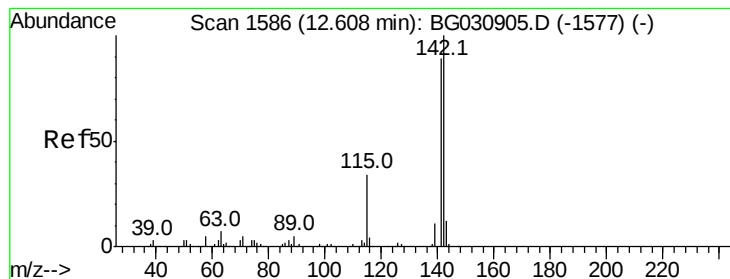


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.860 ng

RT: 12.59 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

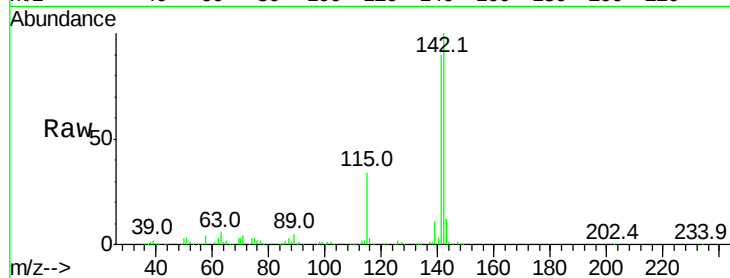
Tot Ion:142 Resp: 512701

Ion Ratio Lower Upper

142 100

141 89.8 67.1 100.7

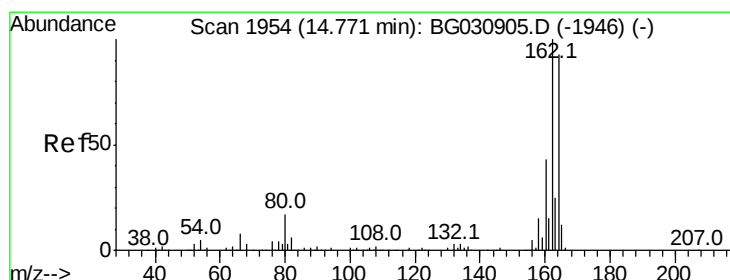
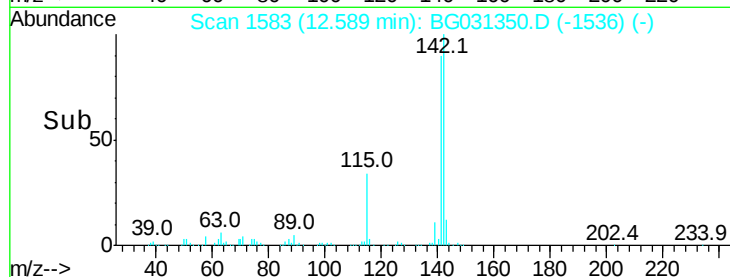
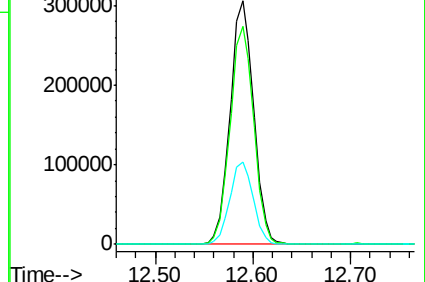
115 33.6 30.7 46.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1951

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

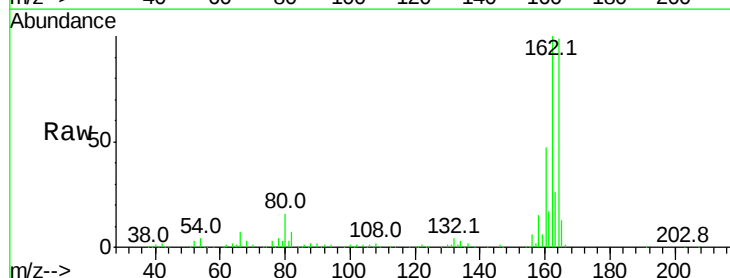
Tgt Ion:164 Resp: 185791

Ion Ratio Lower Upper

164 100

162 100.9 78.8 118.2

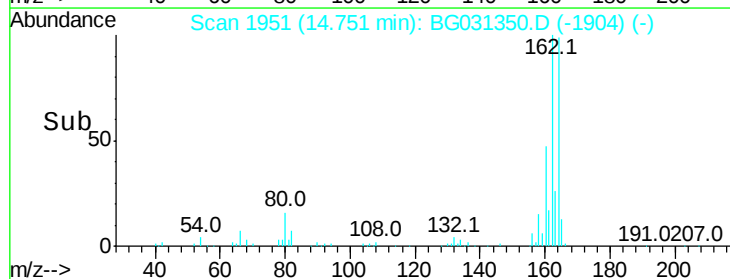
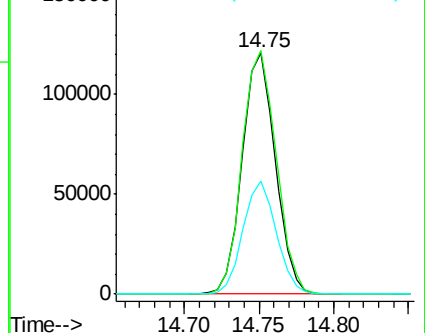
160 46.9 35.4 53.0



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: 42.496 ng

RT: 12.95 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

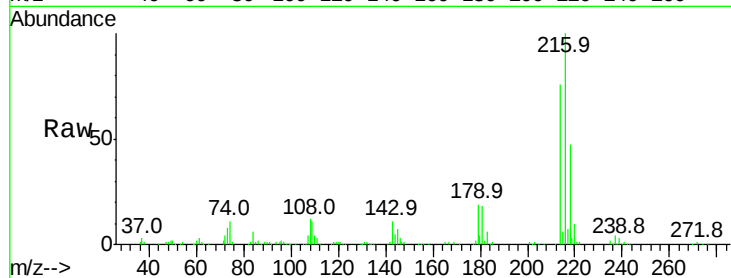
BNA_G

ClientSampleId :

PB104670BS

Tot Ion:216 Resp: 313365

Ion	Ratio	Lower	Upper
216	100		
214	75.6	63.0	94.4
179	18.0	17.0	25.6
108	13.5	12.8	19.2

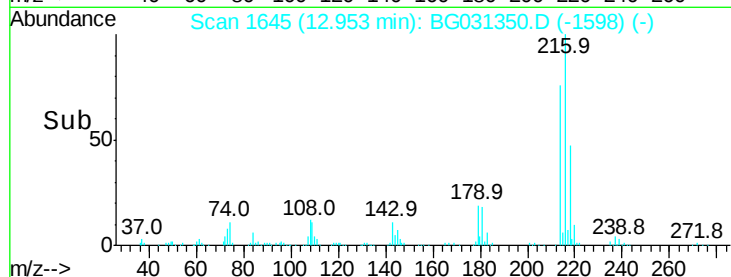


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time-->

12.95

200000

150000

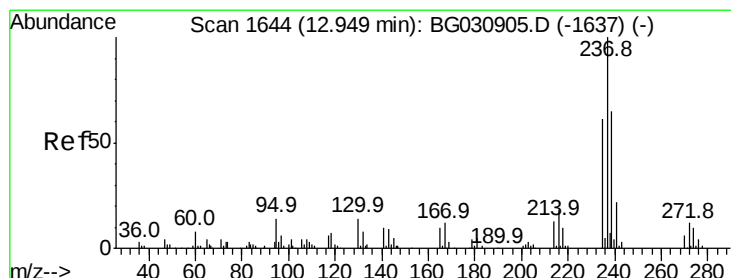
100000

50000

0

12.90 13.00

Time-->



#40

Hexachlorocyclopentadiene

Concen: 102.135 ng

RT: 12.93 min Scan# 1641

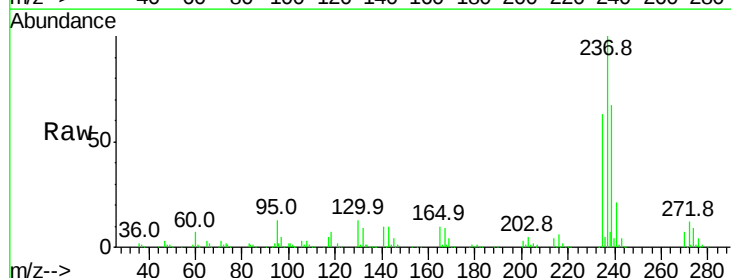
Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:237 Resp: 287821

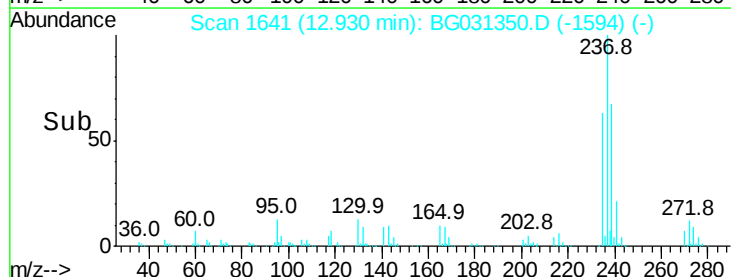
Ion	Ratio	Lower	Upper
237	100		
235	62.8	50.4	90.4
272	11.8	0.0	31.8



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



Time-->

12.93

250000

200000

150000

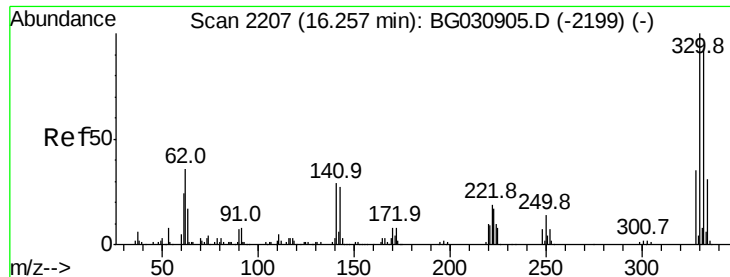
100000

50000

0

12.85 12.90 12.95 13.00

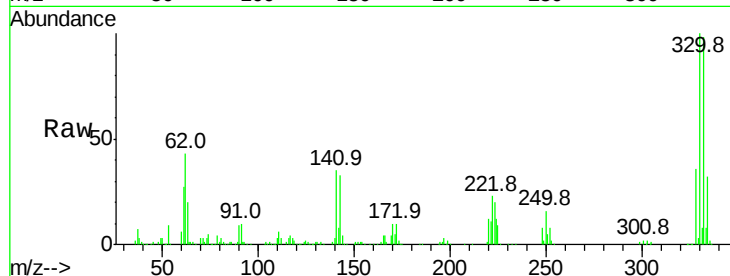
Time-->



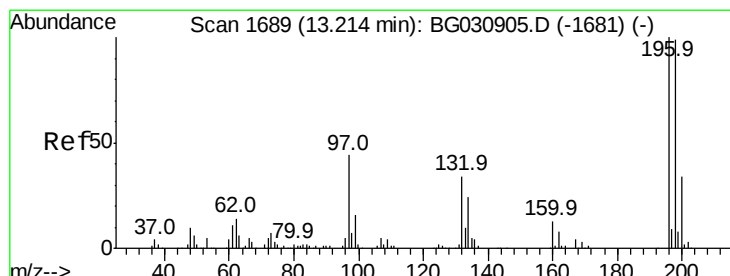
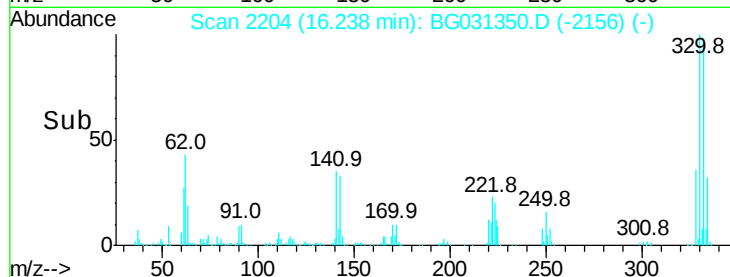
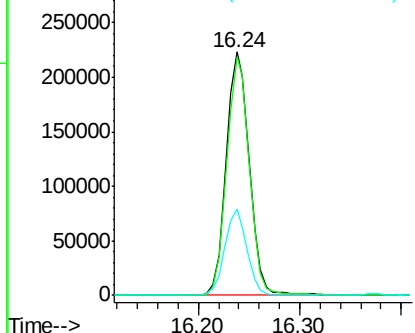
#41
 2,4,6-Tribromophenol
 Concen: 116.883 ng
 RT: 16.24 min Scan# 2204
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	34.5	25.2	37.8

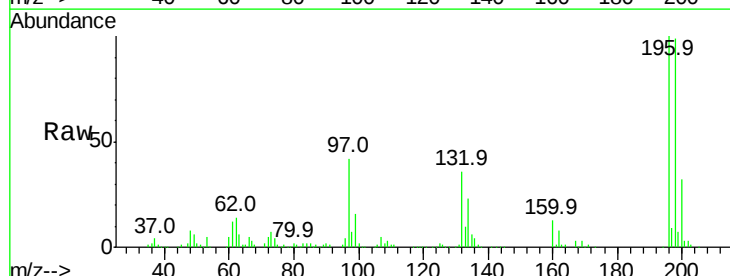


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

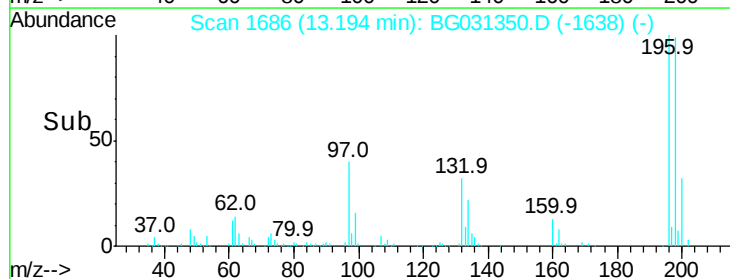
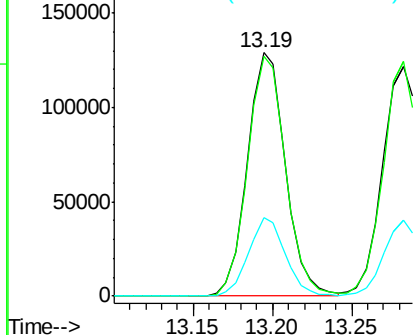


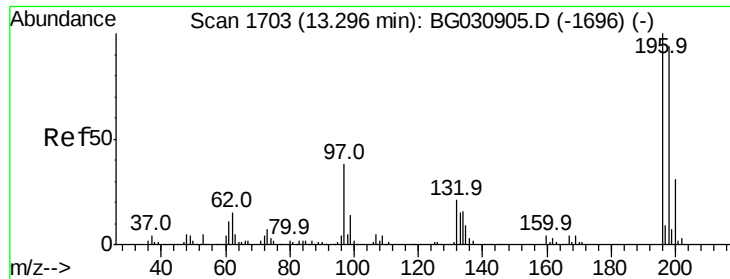
#42
 2,4,6-Trichlorophenol
 Concen: 51.035 ng
 RT: 13.19 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.6	78.2	117.2
200	32.2	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

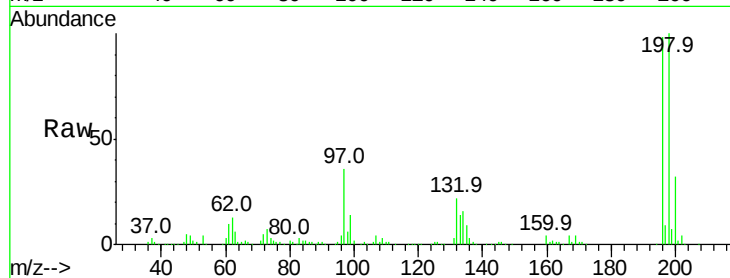




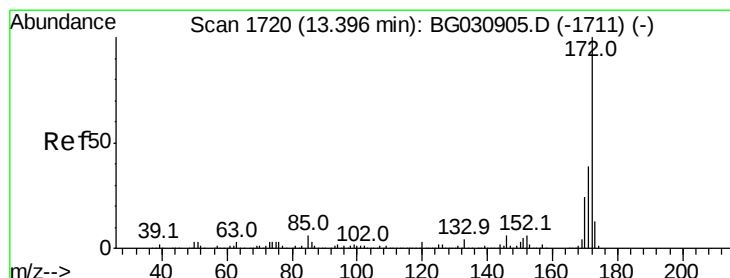
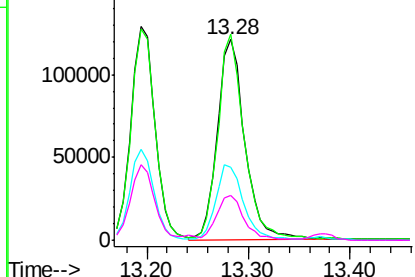
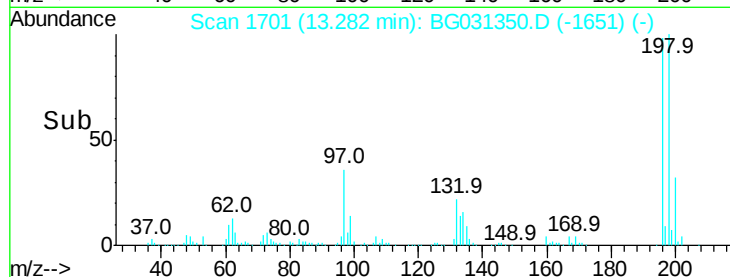
#43
 2,4,5-Trichlorophenol
 Concen: 49.174 ng
 RT: 13.28 min Scan# 1701
 Delta R.T. -0.01 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion:	196	Resp:	226803
Ion	Ratio	Lower	Upper
196	100		
198	102.3	76.2	114.4
97	36.5	38.7	58.1#
132	22.1	20.2	30.2

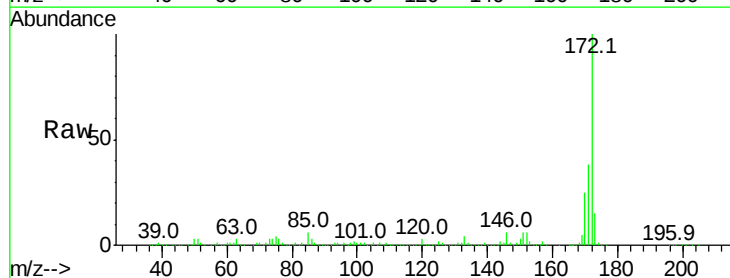


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

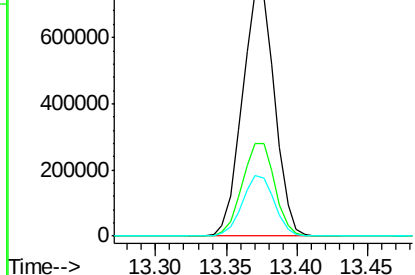
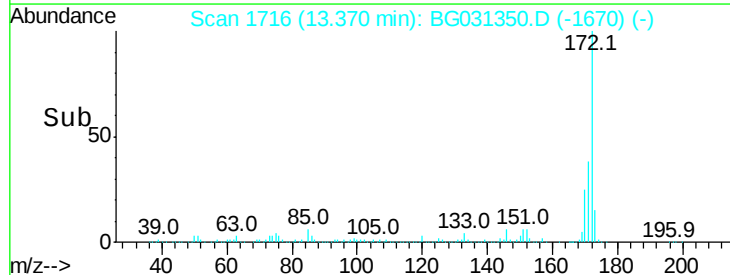


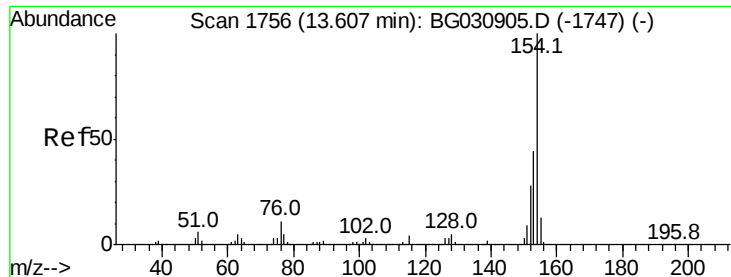
#44
 2-Fluorobiphenyl
 Concen: 92.664 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion:	172	Resp:	1198157
Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	25.0	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

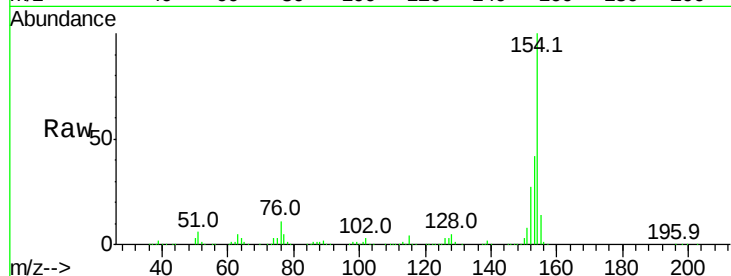




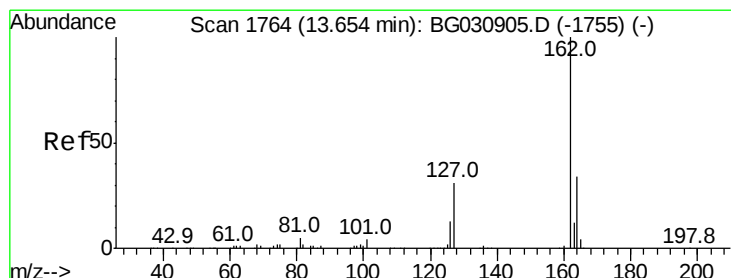
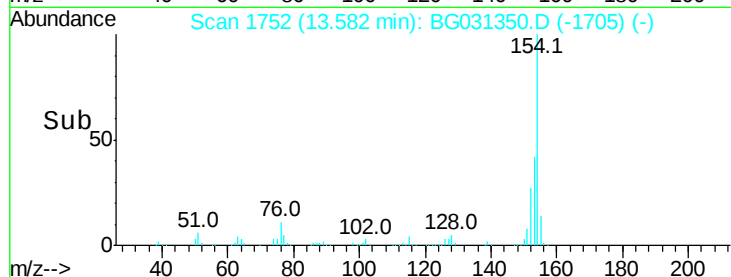
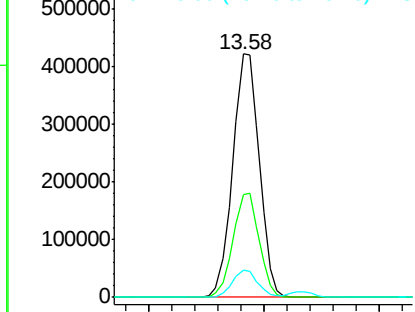
#45
 1,1'-Biphenyl
 Concen: 43.503 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	19.8	59.8
76	11.3	0.0	31.9

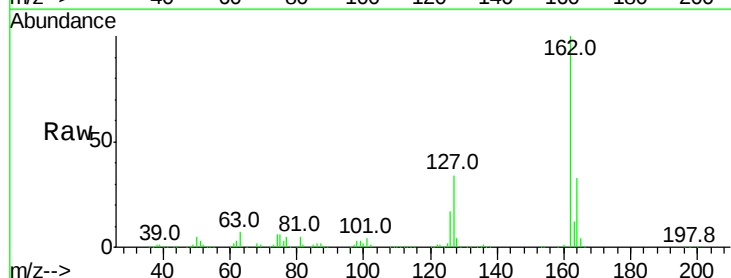


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

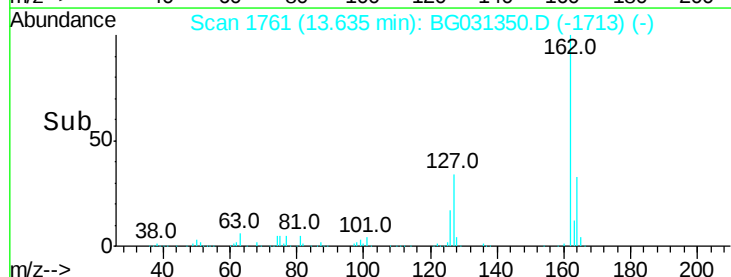
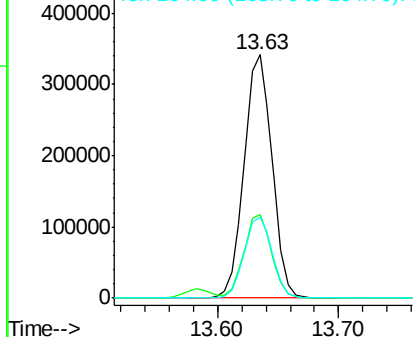


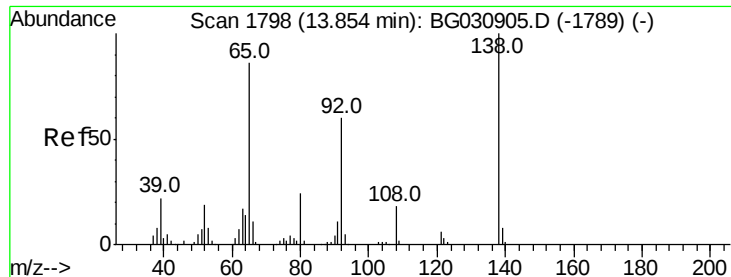
#46
 2-Chloronaphthalene
 Concen: 49.675 ng
 RT: 13.63 min Scan# 1761
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
162	100		
127	34.2	30.7	46.1
164	33.5	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 46.255 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

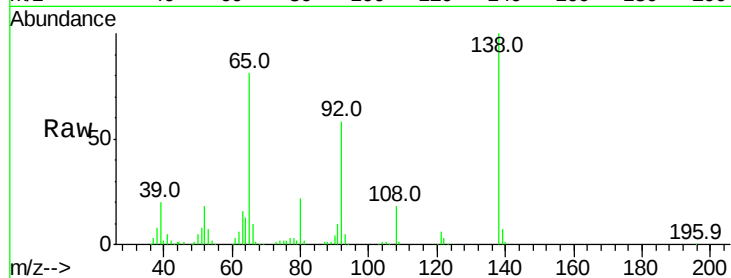
Tot Ion: 65 Resp: 152395

Ion Ratio Lower Upper

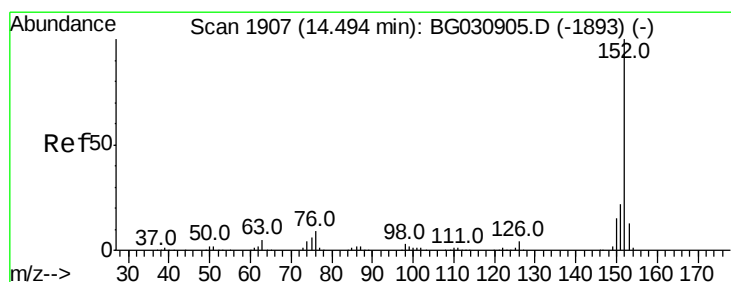
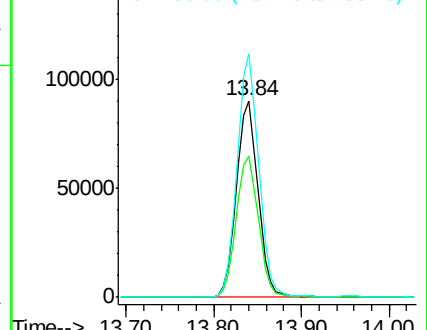
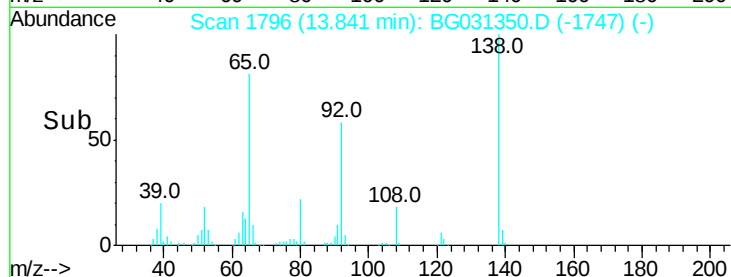
65 100

92 71.8 54.6 82.0

138 123.8 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: 46.094 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

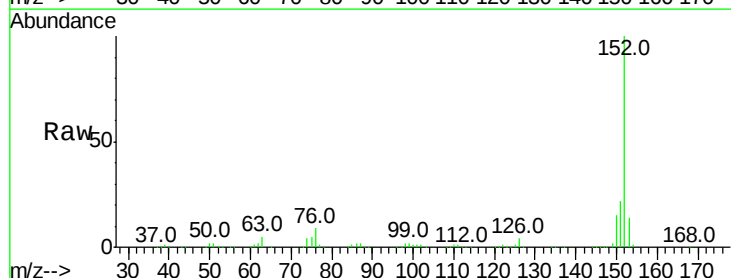
Tgt Ion: 152 Resp: 838610

Ion Ratio Lower Upper

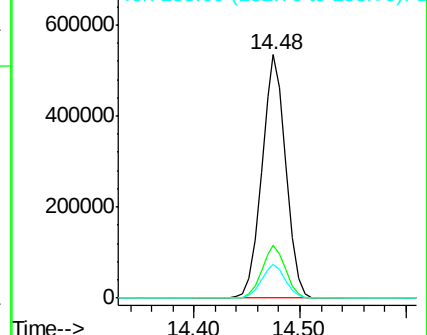
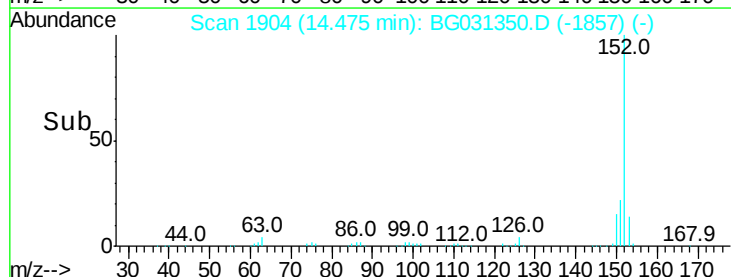
152 100

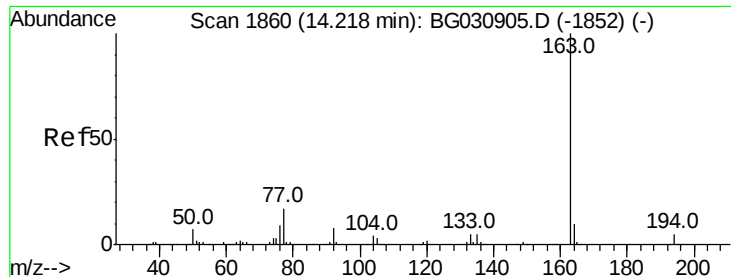
151 21.5 17.2 25.8

153 13.7 10.2 15.4



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





#49

Dimethylphthalate

Concen: 46.261 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

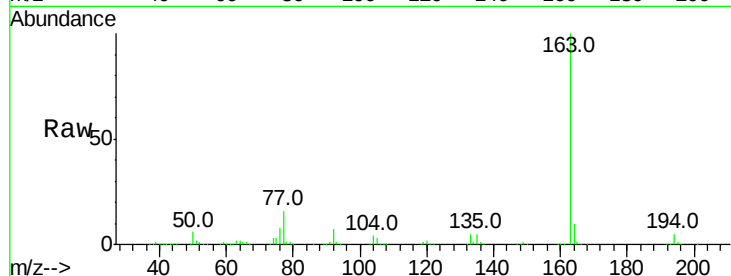
Tot Ion:163 Resp: 743141

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

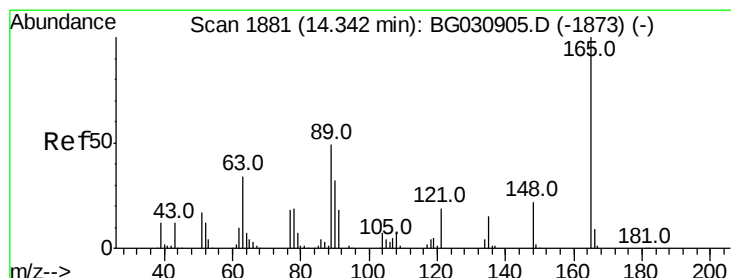
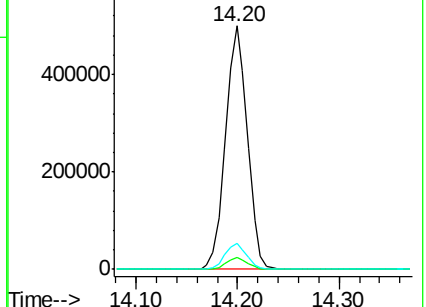
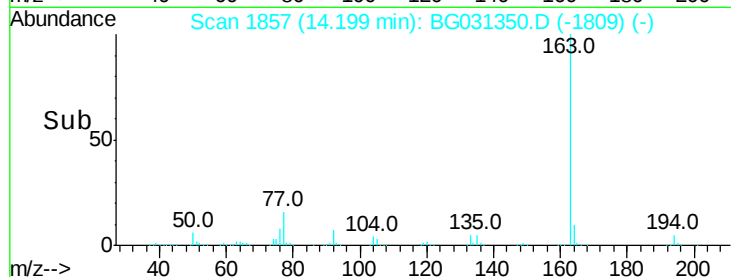
164 10.5 8.2 12.4



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: 51.203 ng

RT: 14.33 min Scan# 1879

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

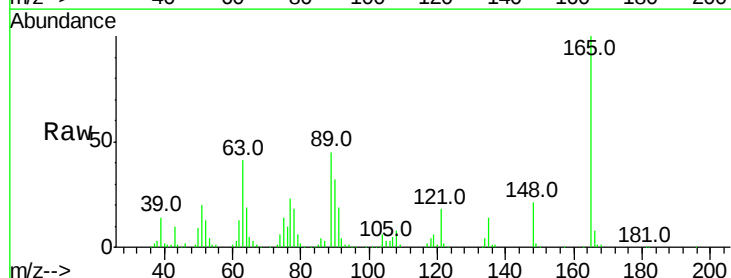
Tgt Ion:165 Resp: 169535

Ion Ratio Lower Upper

165 100

63 41.1 52.7 79.1#

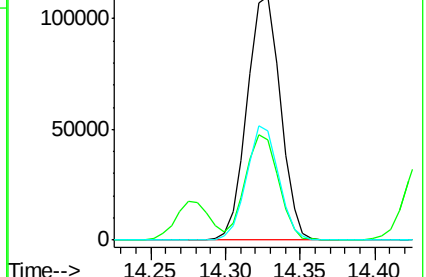
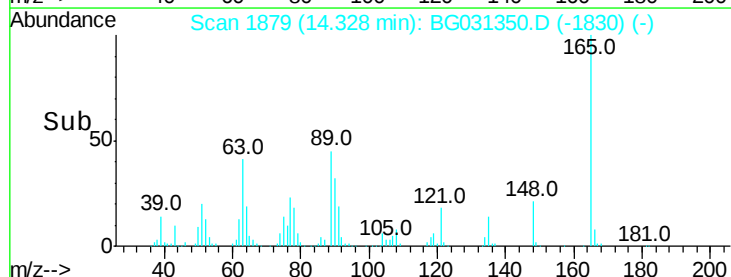
89 44.8 49.2 73.8#

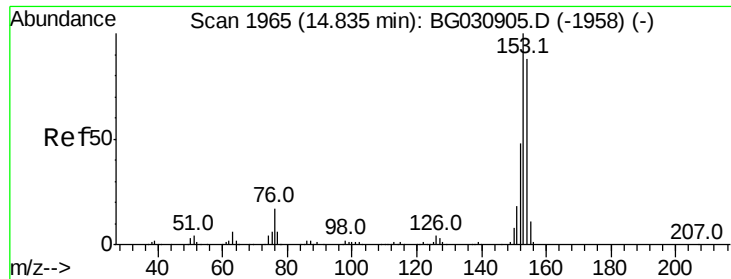


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#51

Acenaphthene

Concen: 46.285 ng

RT: 14.82 min Scan# 1962

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

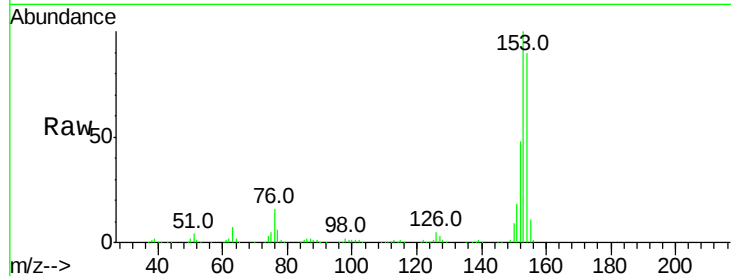
Tot Ion:154 Resp: 525907

Ion Ratio Lower Upper

154 100

153 111.5 90.4 135.6

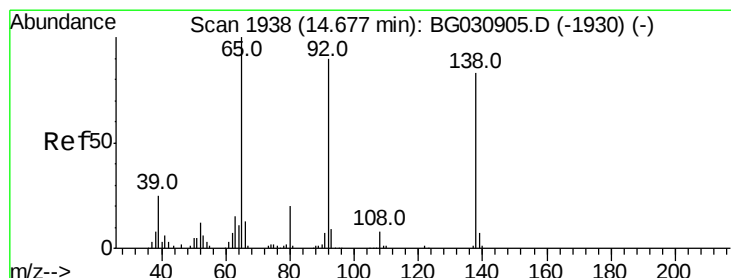
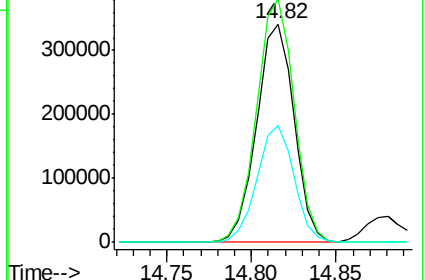
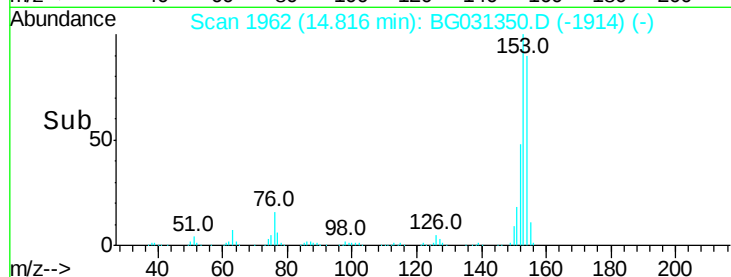
152 53.3 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.757 ng

RT: 14.66 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

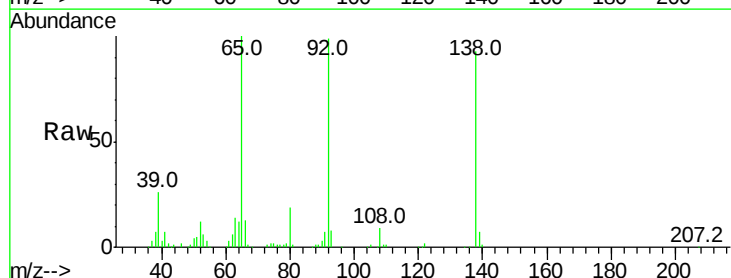
Tgt Ion:138 Resp: 111651

Ion Ratio Lower Upper

138 100

108 9.8 17.5 26.3#

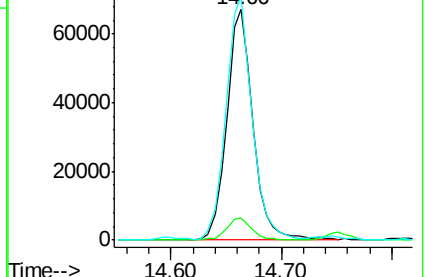
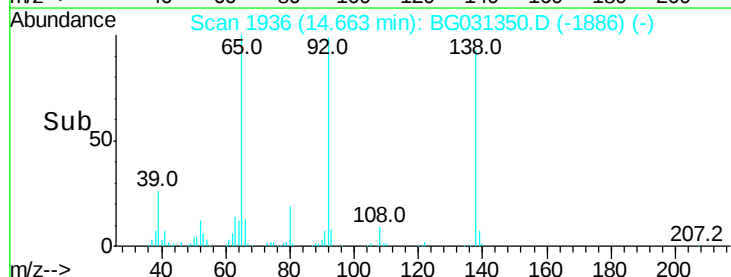
92 105.8 105.8 158.8#

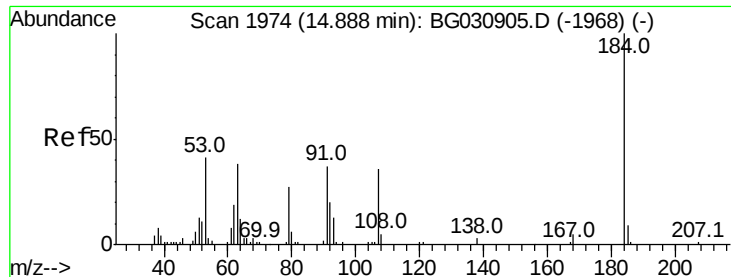


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

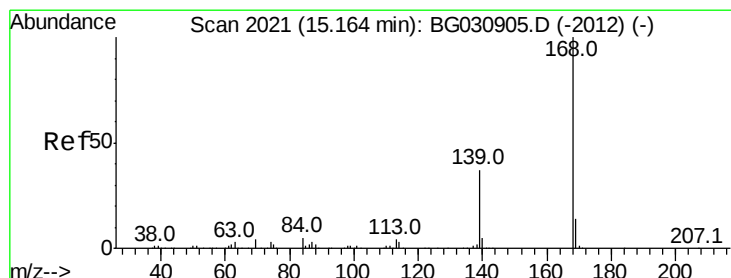
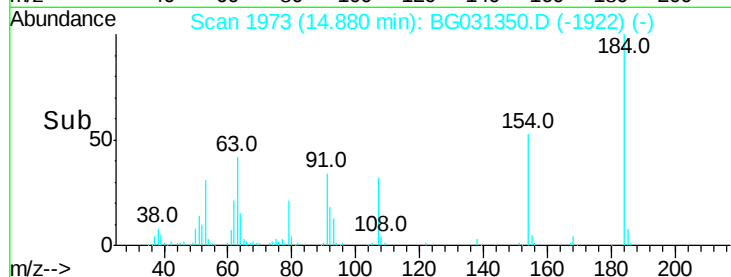
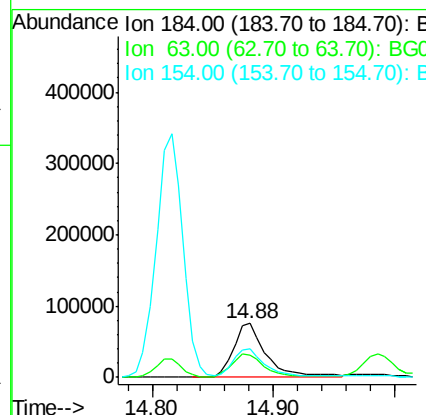
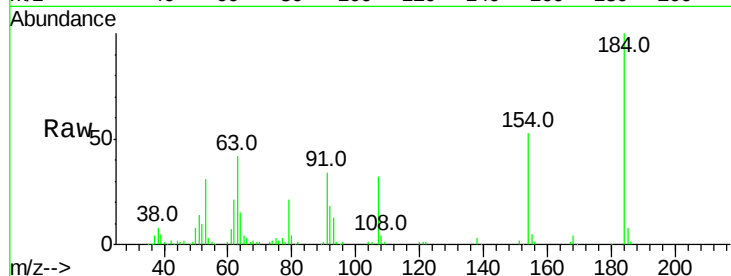




#53
2,4-Dinitrophenol
Concen: 79.252 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

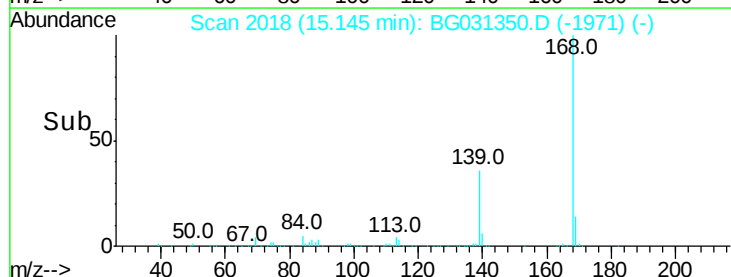
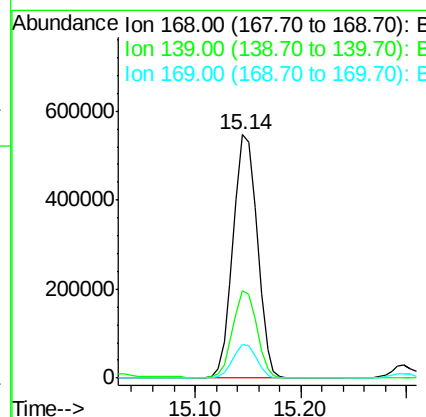
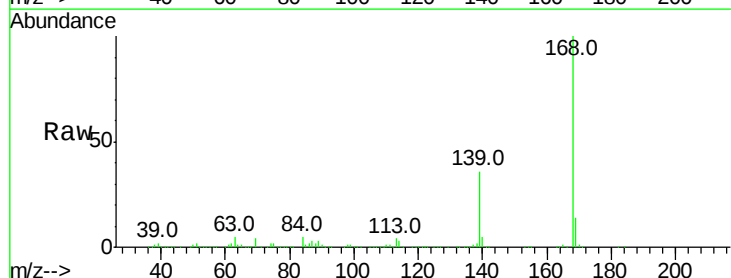
Instrument :
BNA_G
ClientSampleId :
PB104670BS

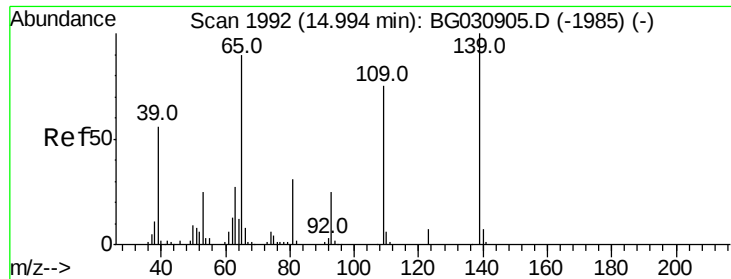
Tot Ion:184 Resp: 144256
Ion Ratio Lower Upper
184 100
63 42.0 59.8 89.8#
154 52.8 101.8 152.8#



#54
Dibenzofuran
Concen: 47.965 ng
RT: 15.14 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:168 Resp: 868096
Ion Ratio Lower Upper
168 100
139 35.9 28.6 43.0
169 13.7 11.2 16.8





#55

4-Nitrophenol

Concen: 94.042 ng

RT: 14.99 min Scan# 1991

Delta R.T. 0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

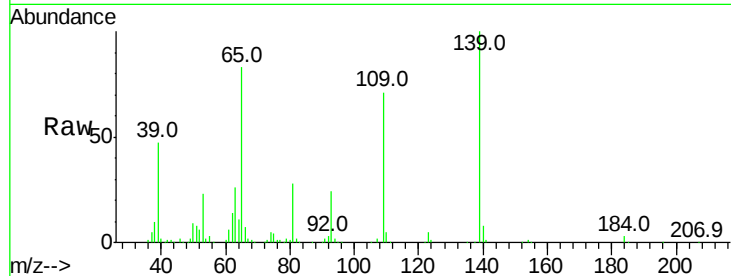
Tot Ion:139 Resp: 235521

Ion Ratio Lower Upper

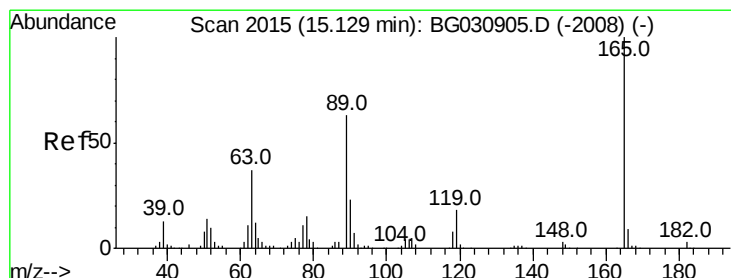
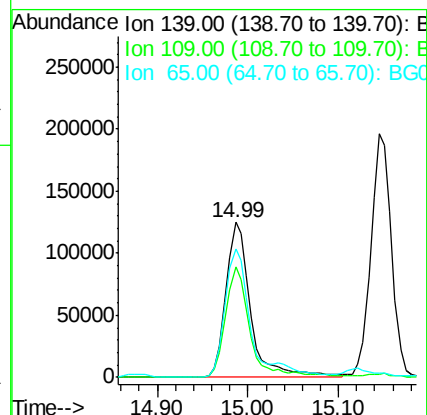
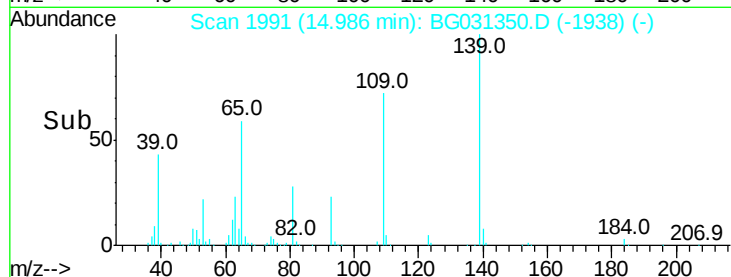
139 100

109 70.9 62.2 102.2

65 82.8 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 51.745 ng

RT: 15.12 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:165 Resp: 247693

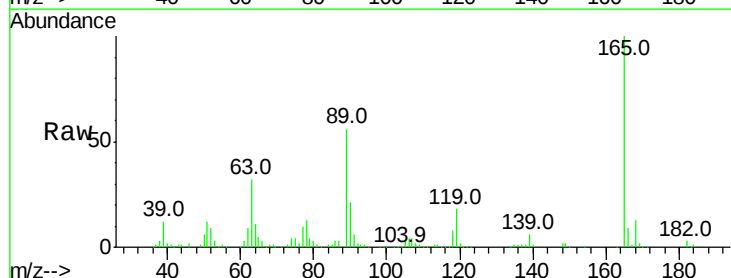
Ion Ratio Lower Upper

165 100

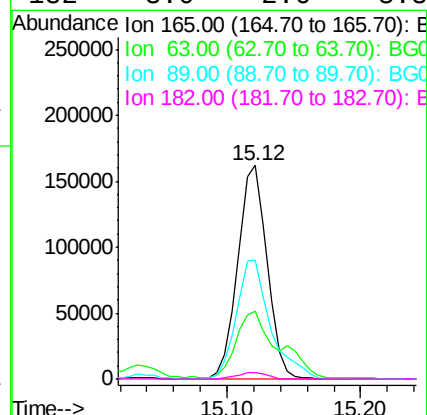
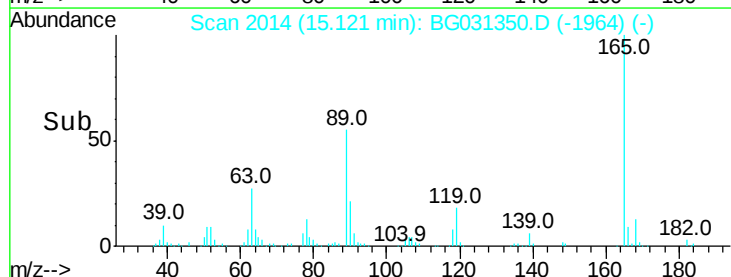
63 32.1 42.0 63.0#

89 55.7 66.9 100.3#

182 3.0 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: 47.664 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

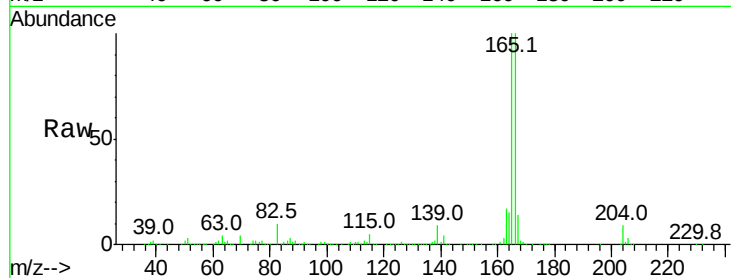
Tot Ion:166 Resp: 700352

Ion Ratio Lower Upper

166 100

165 99.6 80.6 121.0

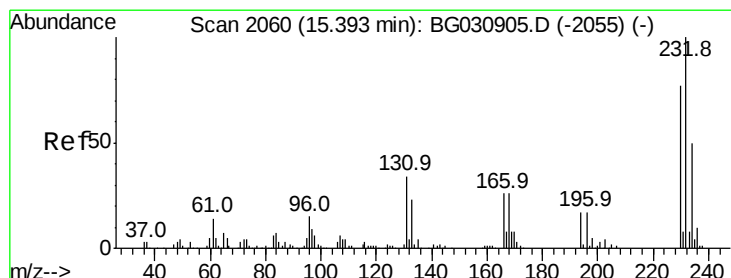
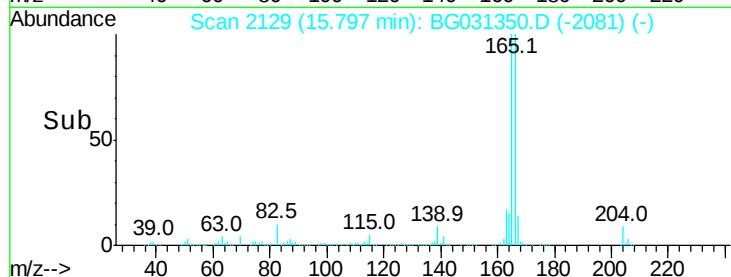
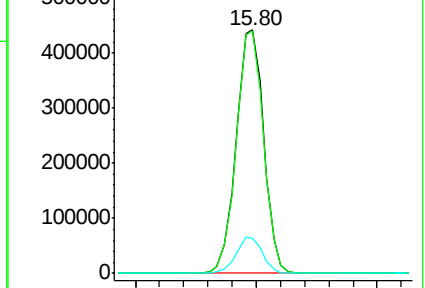
167 14.2 10.4 15.6



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: 52.204 ng

RT: 15.38 min Scan# 2058

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:232 Resp: 229480

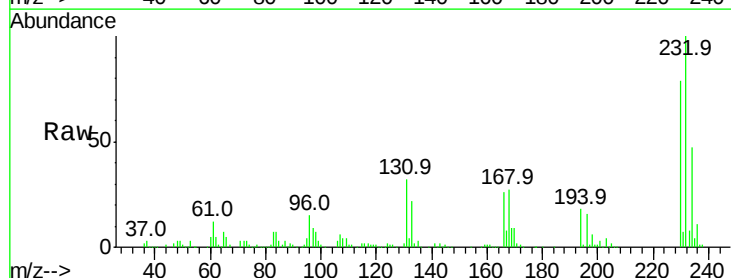
Ion Ratio Lower Upper

232 100

131 32.4 33.5 50.3#

130 2.1 2.2 3.2#

166 26.9 24.8 37.2

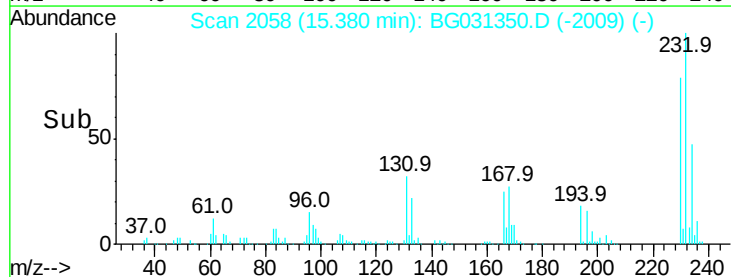
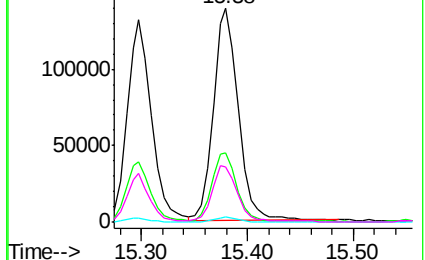


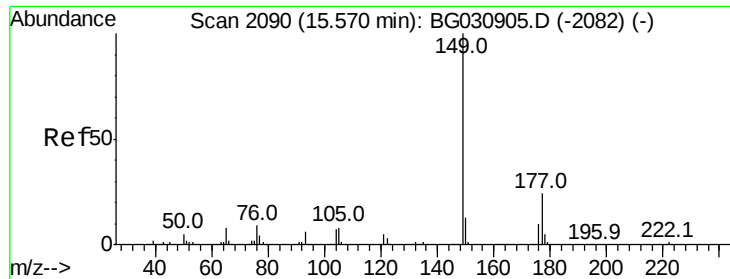
Abundance Ion 232.00 (231.70 to 232.70): E

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: 44.618 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

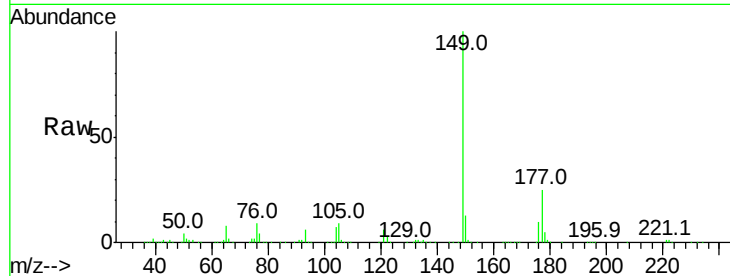
Tot Ion:149 Resp: 728059

Ion Ratio Lower Upper

149 100

177 25.2 18.5 27.7

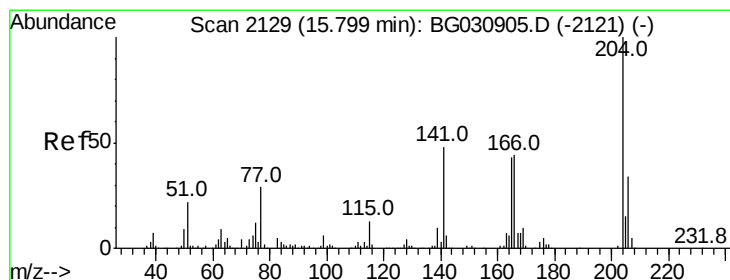
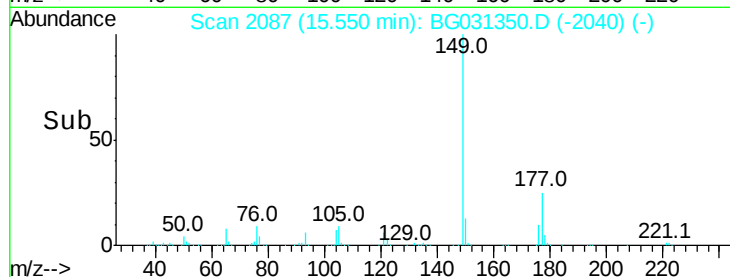
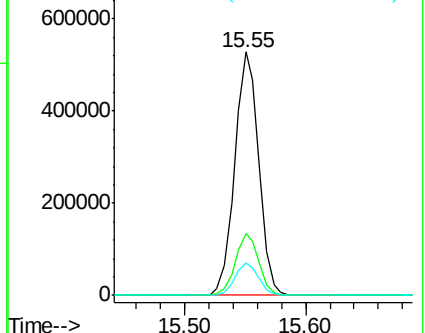
150 13.1 10.2 15.2



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: 47.144 ng

RT: 15.78 min Scan# 2126

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

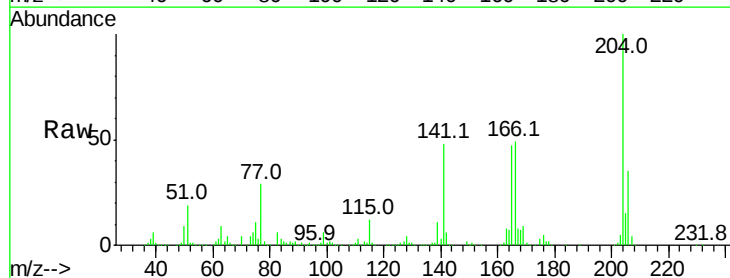
Tgt Ion:204 Resp: 418359

Ion Ratio Lower Upper

204 100

206 34.9 26.2 39.2

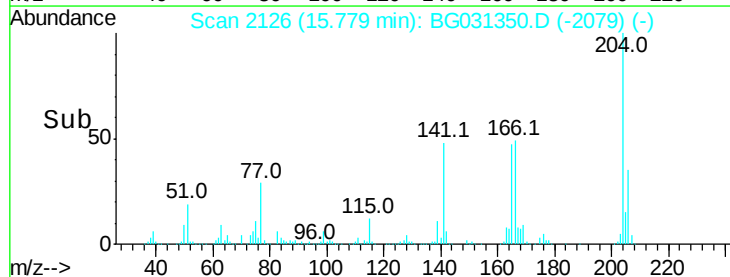
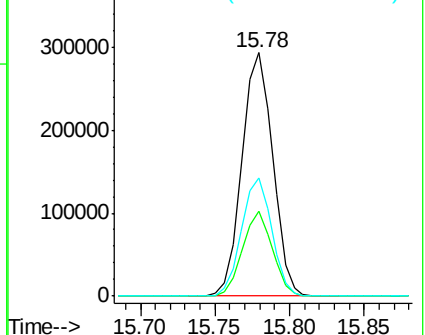
141 48.4 45.8 68.6

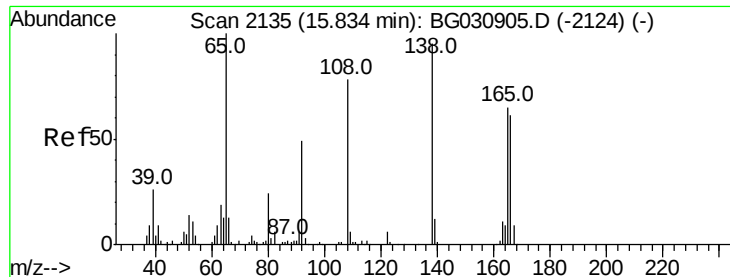


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

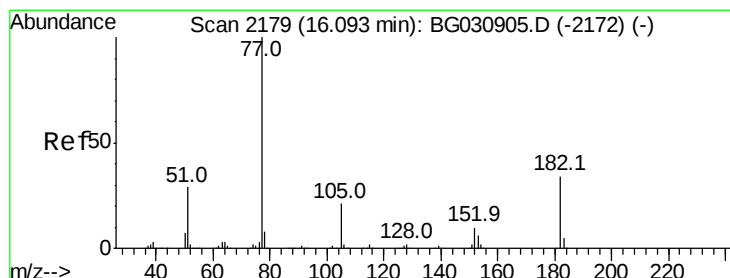
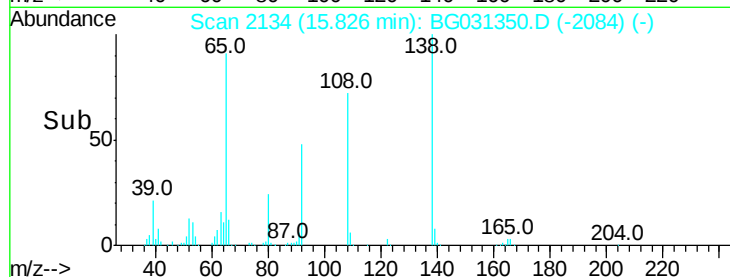
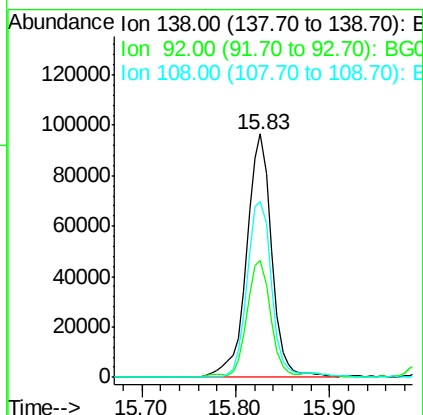
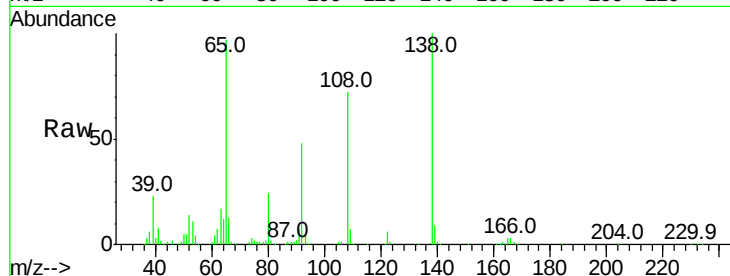




#61
4-Nitroaniline
Concen: 47.953 ng
RT: 15.83 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

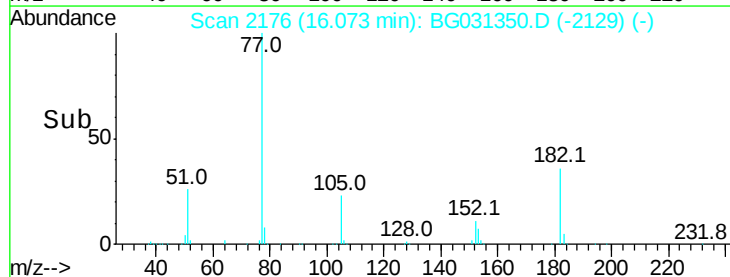
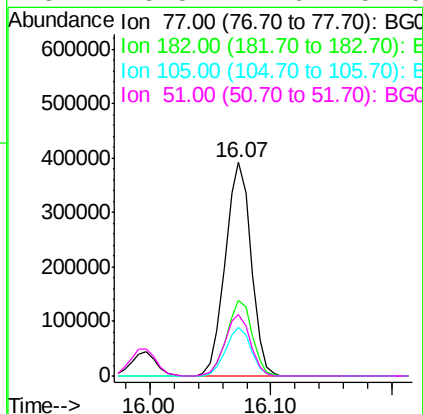
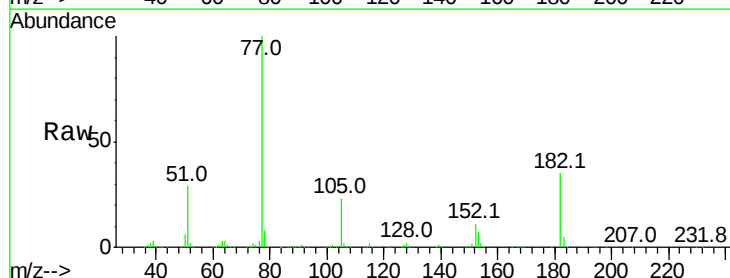
Instrument :
BNA_G
ClientSampleId :
PB104670BS

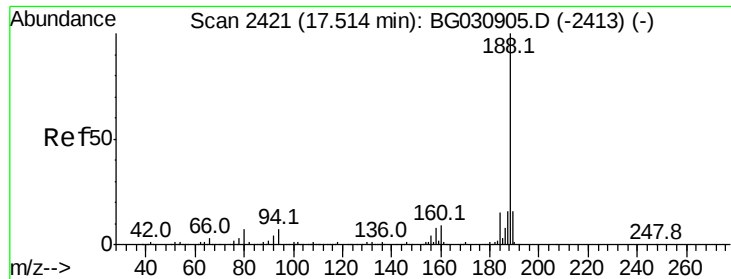
Tot Ion:138 Resp: 178521
Ion Ratio Lower Upper
138 100
92 48.2 40.1 80.1
108 72.4 65.4 105.4



#62
Azobenzene
Concen: 46.634 ng
RT: 16.07 min Scan# 2176
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion: 77 Resp: 580340
Ion Ratio Lower Upper
77 100
182 35.4 7.4 47.4
105 22.8 0.3 40.3
51 28.8 11.6 51.6

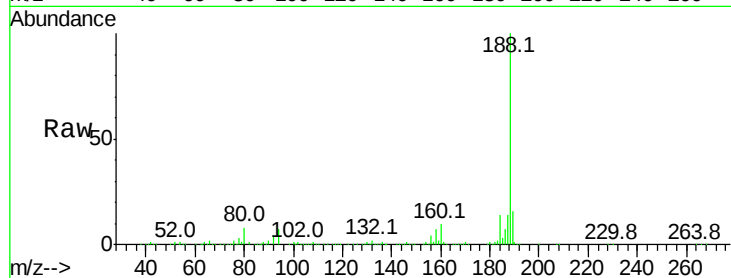




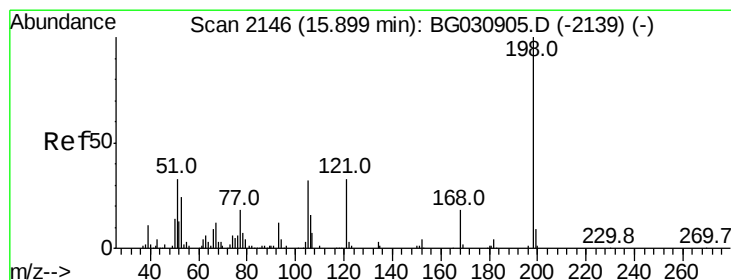
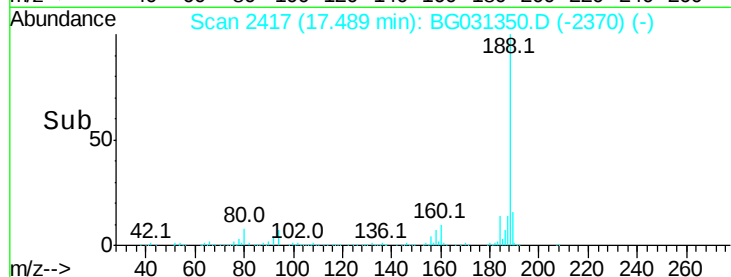
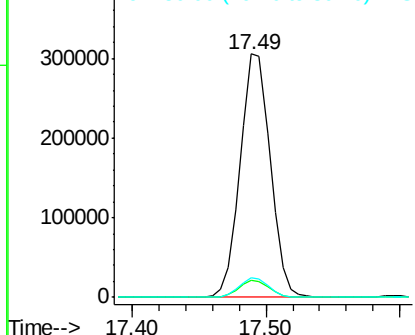
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:188 Resp: 476469
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.9 7.7 11.5

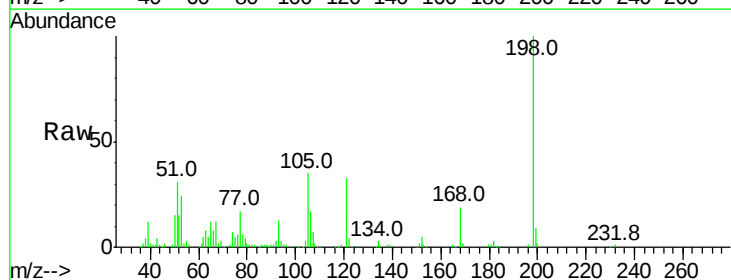


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

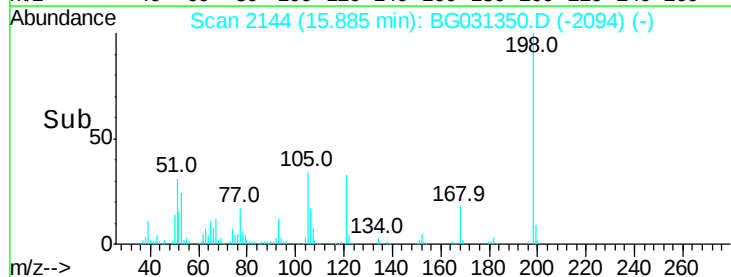
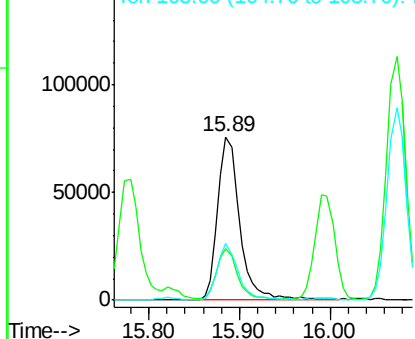


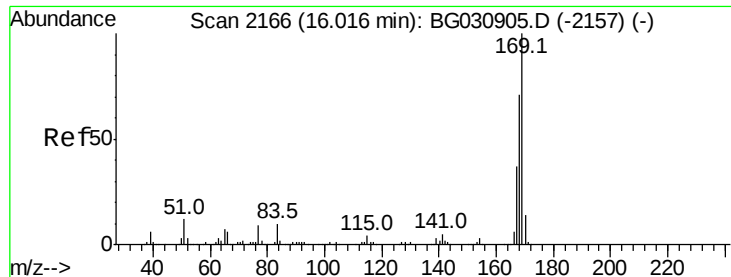
#64
4,6-Dinitro-2-methylphenol
Concen: 40.600 ng
RT: 15.89 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:198 Resp: 128584
Ion Ratio Lower Upper
198 100
51 31.3 30.6 70.6
105 34.7 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E

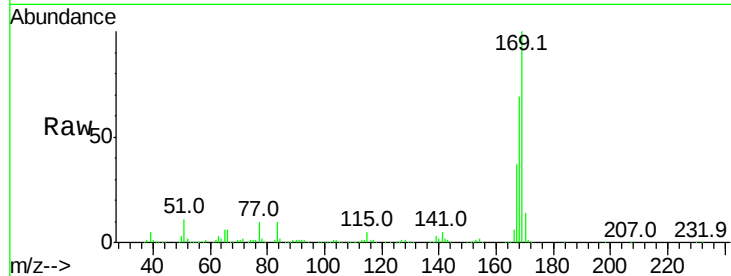




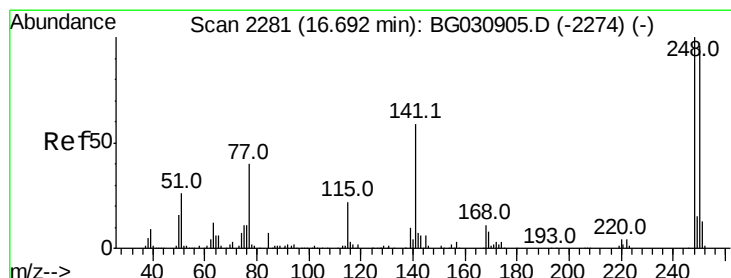
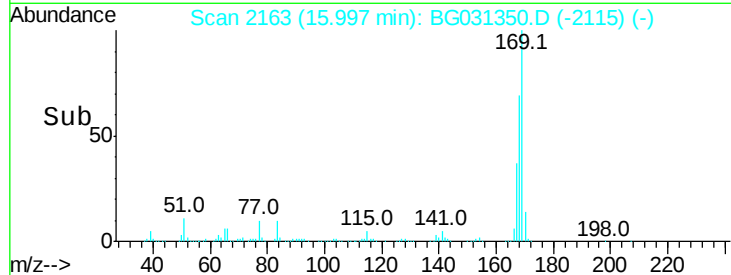
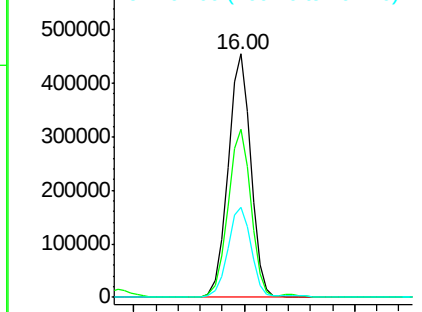
#65
n-Nitrosodiphenylamine
Concen: 45.411 ng
RT: 16.00 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:169 Resp: 655649
Ion Ratio Lower Upper
169 100
168 69.1 55.7 83.5
167 36.8 30.1 45.1

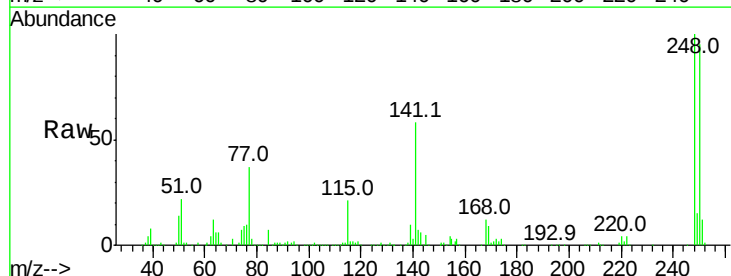


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

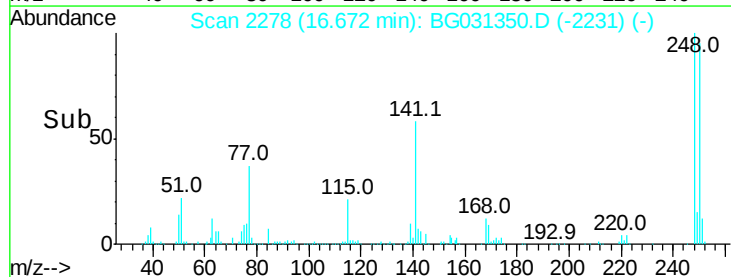
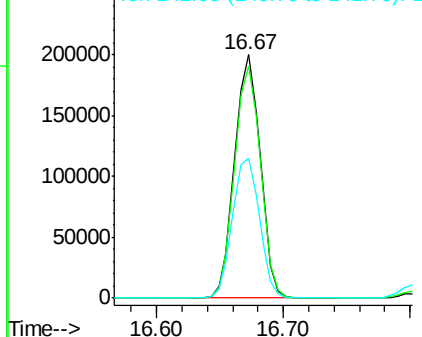


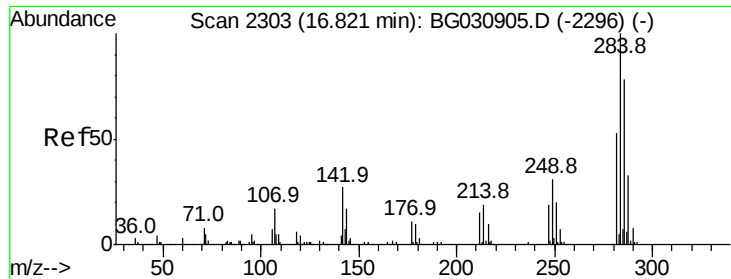
#66
4-Bromophenyl-phenylether
Concen: 46.293 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:248 Resp: 279361
Ion Ratio Lower Upper
248 100
250 95.1 77.1 115.7
141 57.6 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

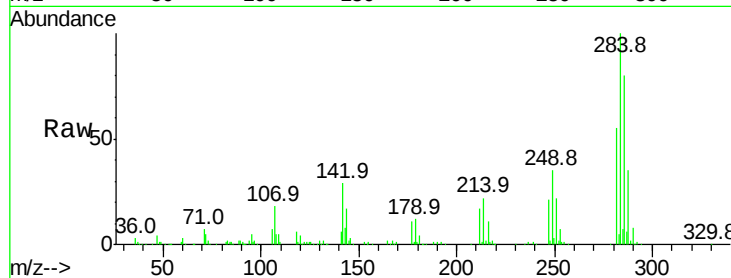




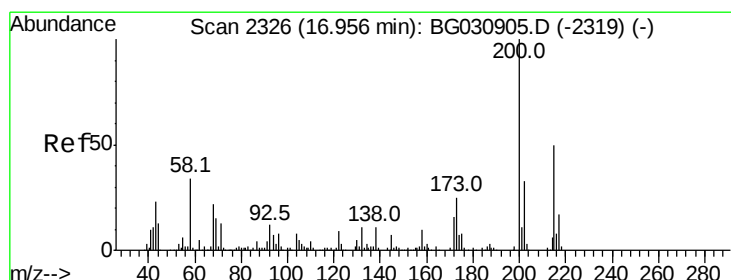
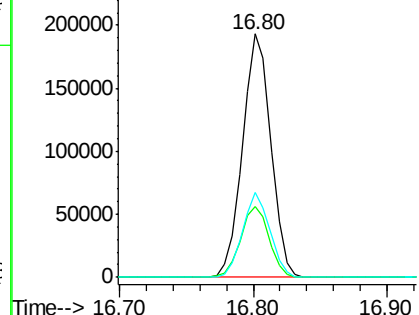
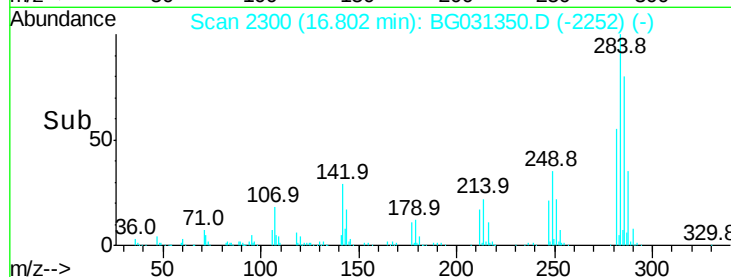
#67
Hexachlorobenzene
Concen: 44.003 ng
RT: 16.80 min Scan# 2300
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion	Ratio	Lower	Upper
284	100		
142	29.1	26.8	40.2
249	34.7	26.3	39.5

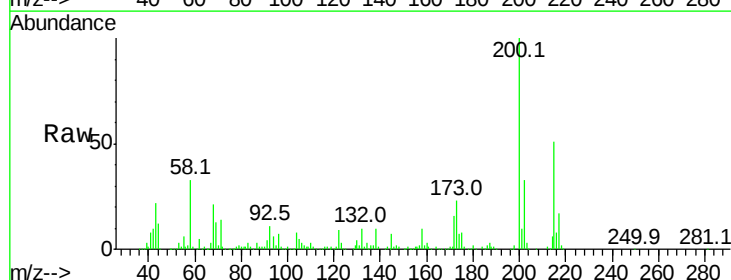


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

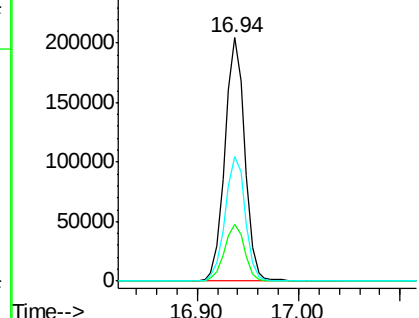
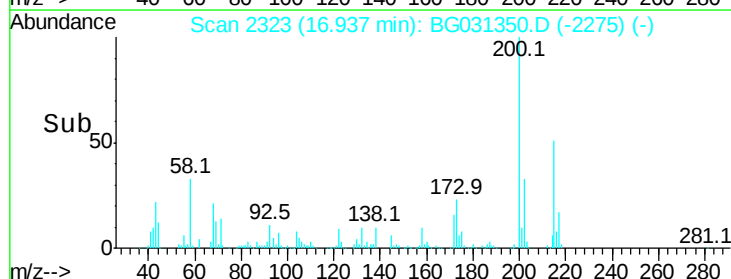


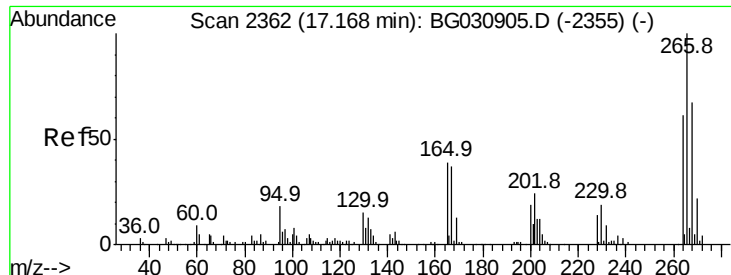
#68
Atrazine
Concen: 46.710 ng
RT: 16.94 min Scan# 2323
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.3	5.2	45.2
215	51.2	30.4	70.4



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





#69

Pentachlorophenol

Concen: 79.013 ng

RT: 17.15 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

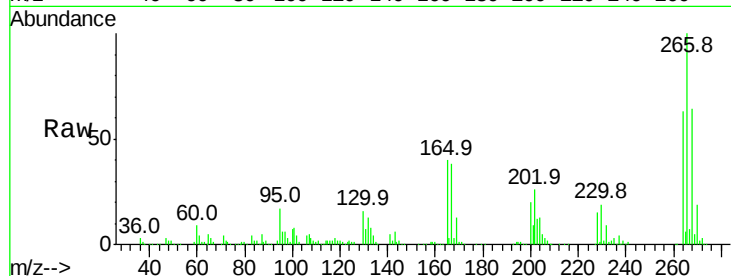
Tot Ion:266 Resp: 280058

Ion Ratio Lower Upper

266 100

268 63.8 51.1 76.7

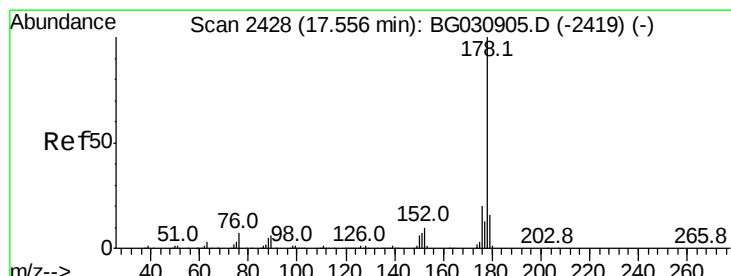
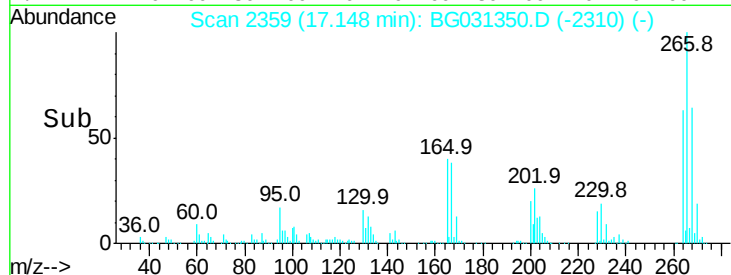
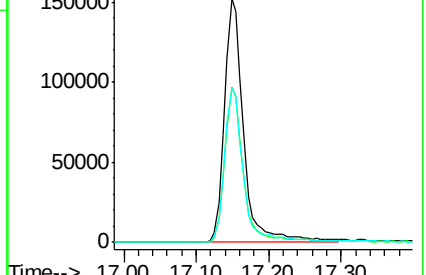
264 63.3 49.6 74.4



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: 48.290 ng

RT: 17.54 min Scan# 2425

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

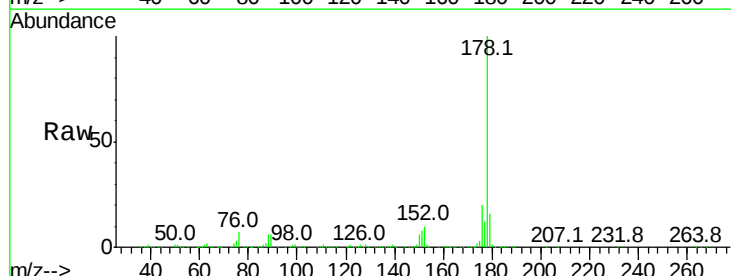
Tgt Ion:178 Resp: 1197992

Ion Ratio Lower Upper

178 100

176 20.0 15.7 23.5

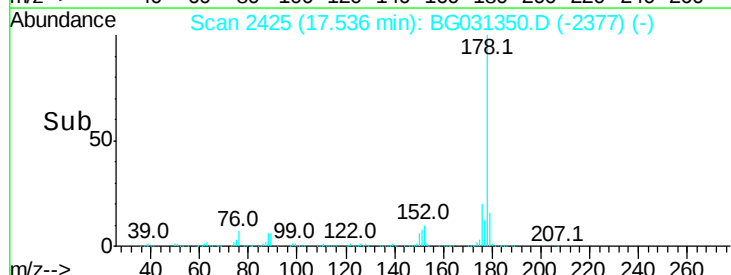
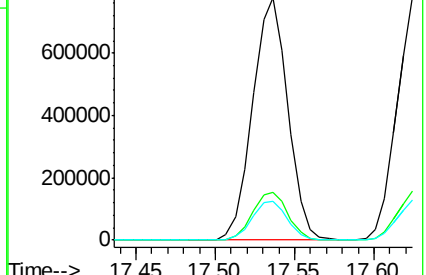
179 16.0 12.5 18.7

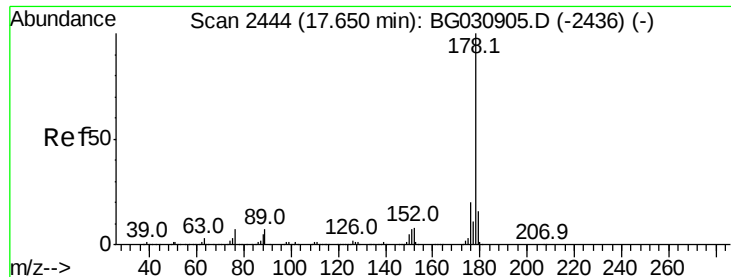


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 49.748 ng

RT: 17.62 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

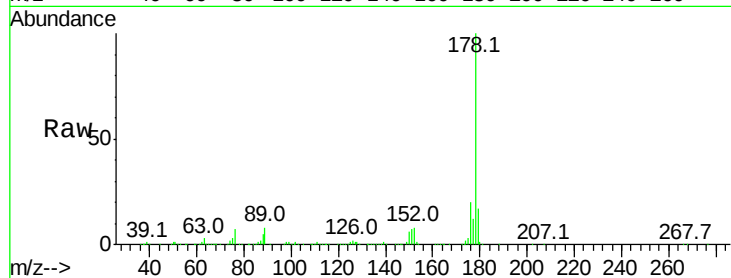
Tot Ion:178 Resp: 1236625

Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.0	24.0
179	16.7	12.5	18.7

178 100

176 20.1 16.0 24.0

179 16.7 12.5 18.7



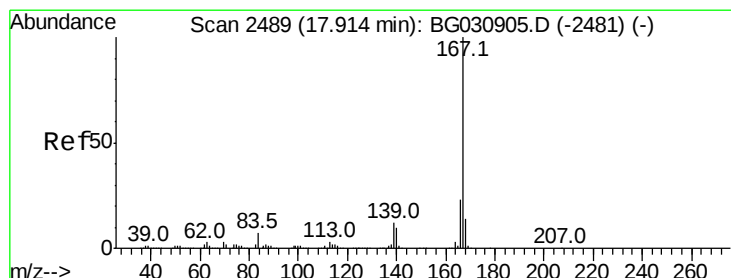
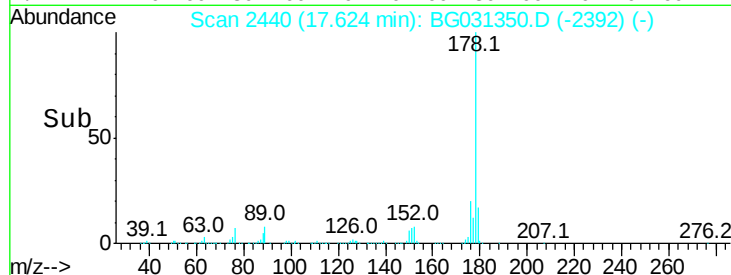
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

17.62

Time--> 17.50 17.60 17.70



#72

Carbazole

Concen: 49.102 ng

RT: 17.89 min Scan# 2486

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

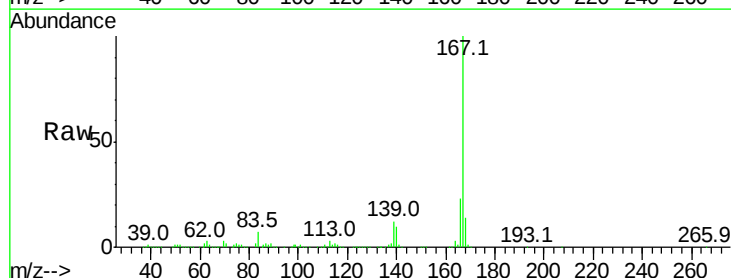
Tgt Ion:167 Resp: 1143683

Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.2	27.4
139	12.3	9.4	14.2

167 100

166 23.1 18.2 27.4

139 12.3 9.4 14.2



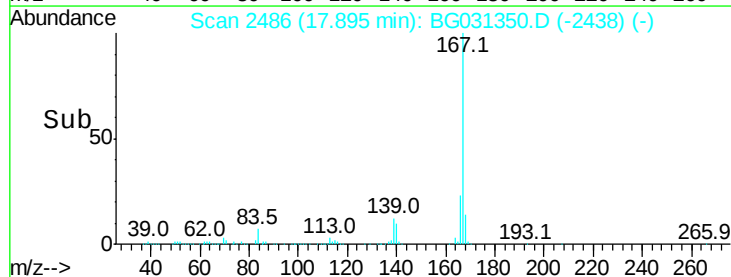
Abundance Ion 167.00 (166.70 to 167.70): E

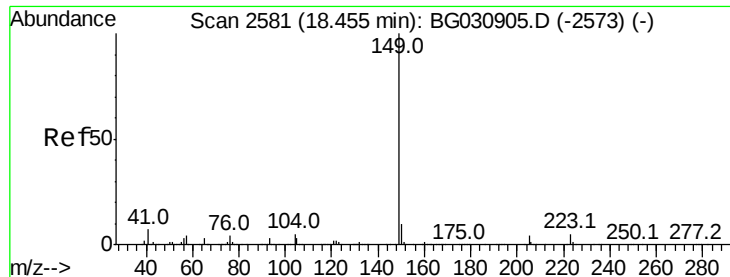
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

17.89

Time--> 17.80 17.90 18.00

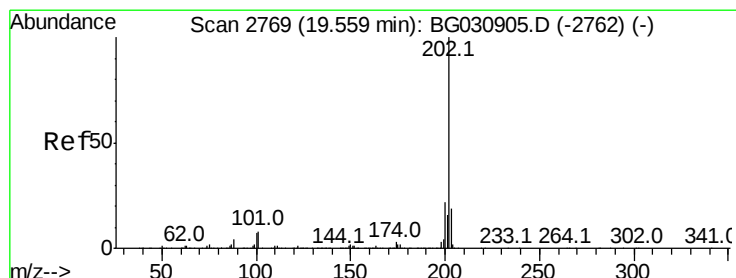
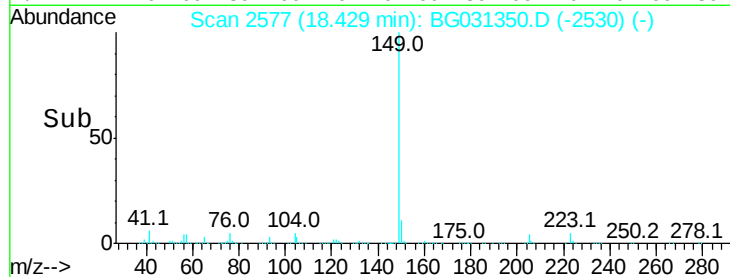
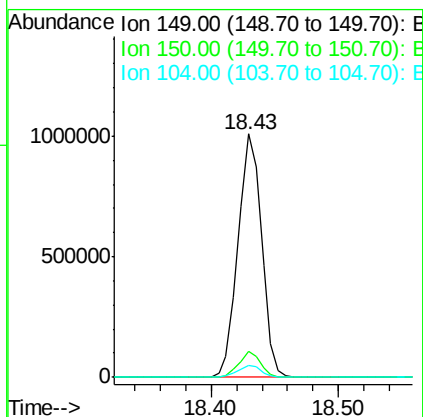
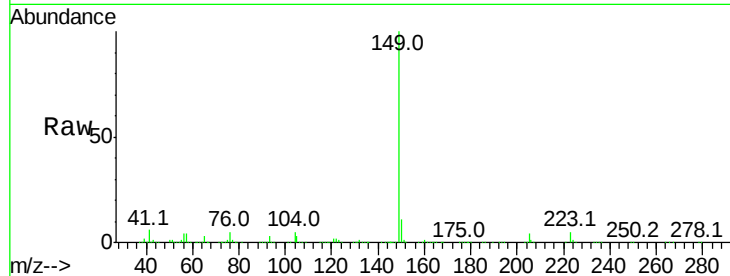




#73
Di-n-butylphthalate
Concen: 45.346 ng
RT: 18.43 min Scan# 2577
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

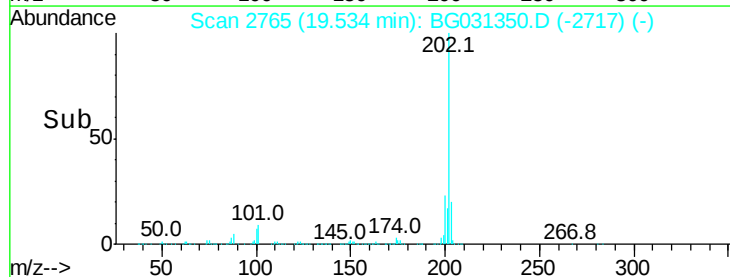
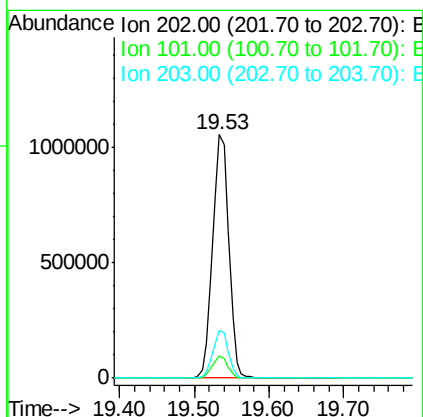
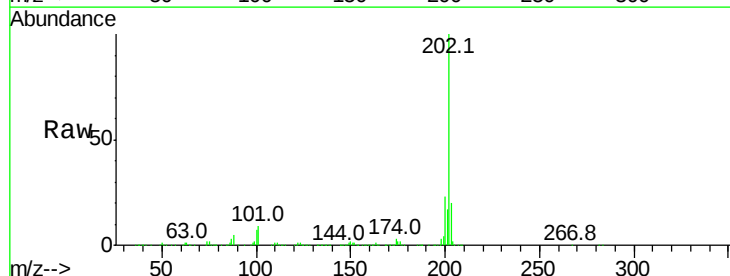
Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:149 Resp: 1296823
Ion Ratio Lower Upper
149 100
150 10.7 7.8 11.6
104 4.8 3.9 5.9



#74
Fluoranthene
Concen: 50.220 ng
RT: 19.53 min Scan# 2765
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:202 Resp: 1577442
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 19.6 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3145

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

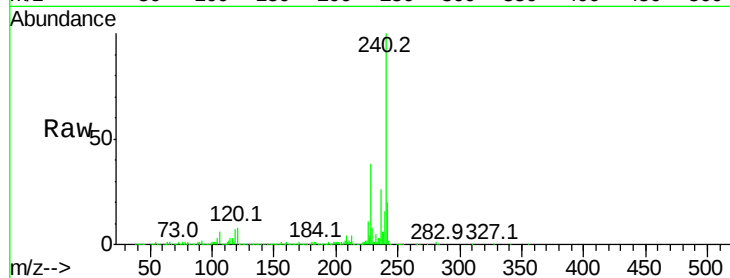
Tot Ion:240 Resp: 543500

Ion Ratio Lower Upper

240 100

120 7.8 6.8 10.2

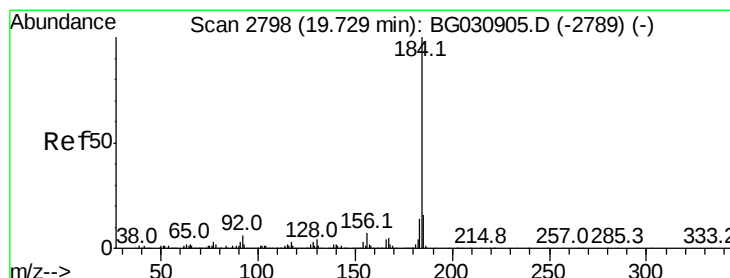
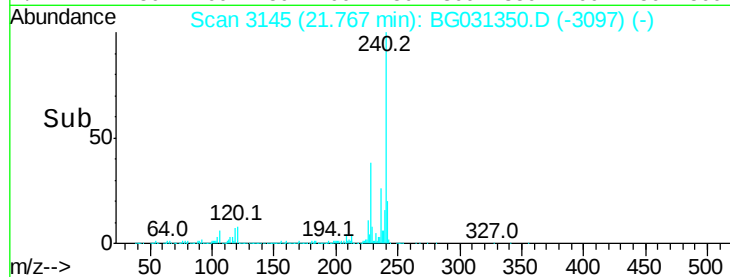
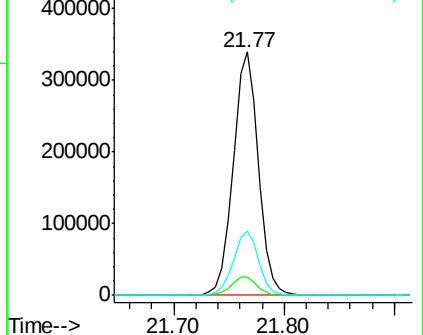
236 26.2 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 38.331 ng

RT: 19.71 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

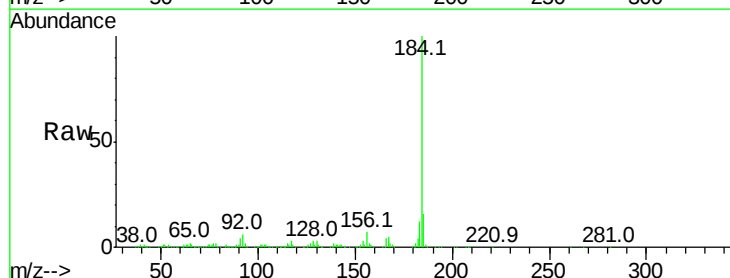
Tgt Ion:184 Resp: 669191

Ion Ratio Lower Upper

184 100

185 16.0 11.1 16.7

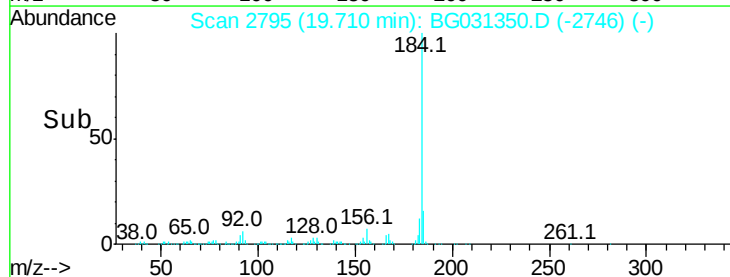
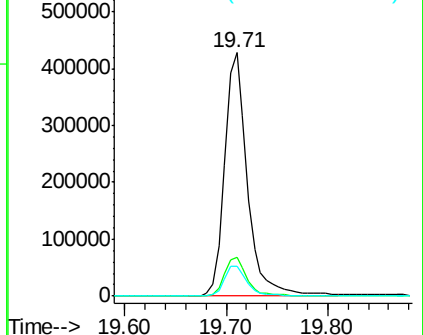
183 12.3 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



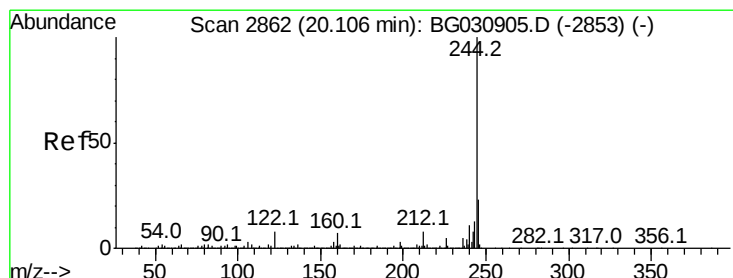
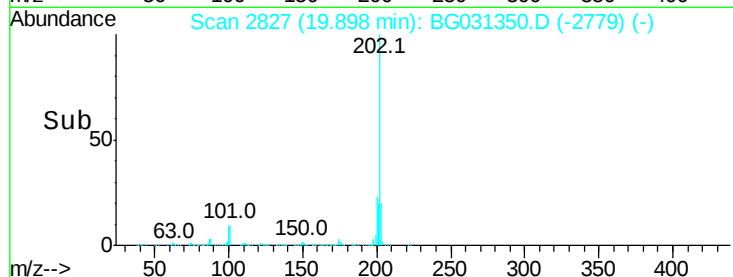
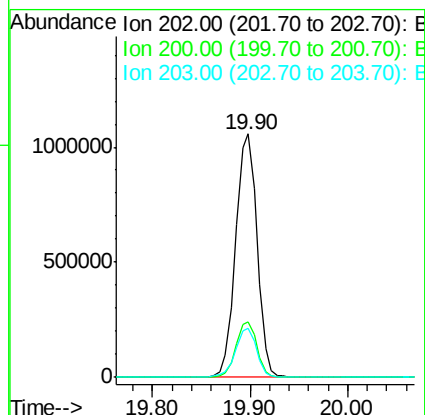
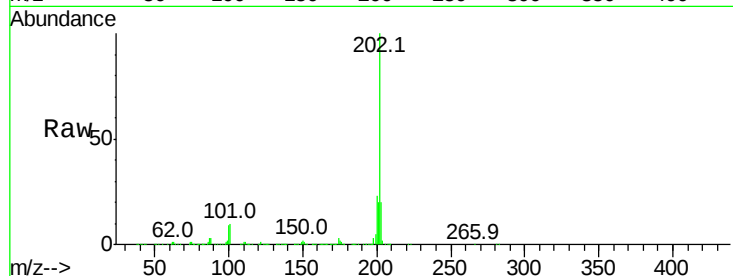


#77
Pvrene
Concen: 49.665 ng
RT: 19.90 min Scan# 2827
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Instrument :
BNA_G
ClientSampleId :
PB104670BS

Tot Ion:202 Resp: 1601738

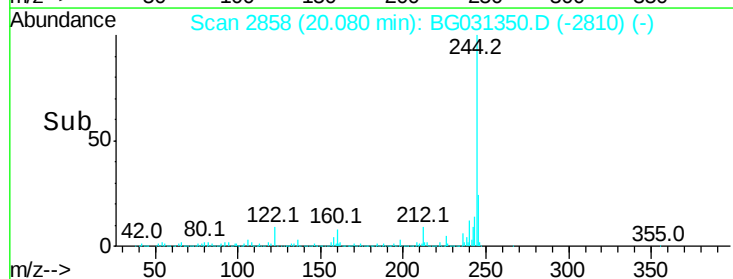
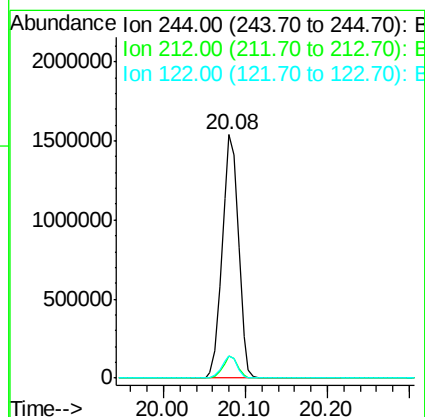
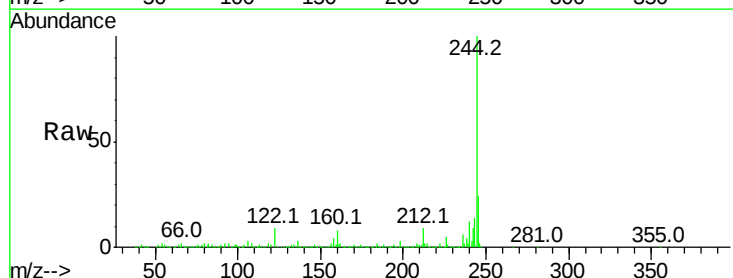
Ion	Ratio	Lower	Upper
202	100		
200	23.0	16.9	25.3
203	20.0	13.9	20.9



#78
Terphenyl-d14
Concen: 86.872 ng
RT: 20.08 min Scan# 2858
Delta R.T. -0.02 min
Lab File: BG031350.D
Acq: 4 Dec 2017 17:23

Tgt Ion:244 Resp: 2138276

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	9.2	7.0	10.4





#79

Butylbenzylphthalate

Concen: 49.784 ng

RT: 20.76 min Scan# 2973

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

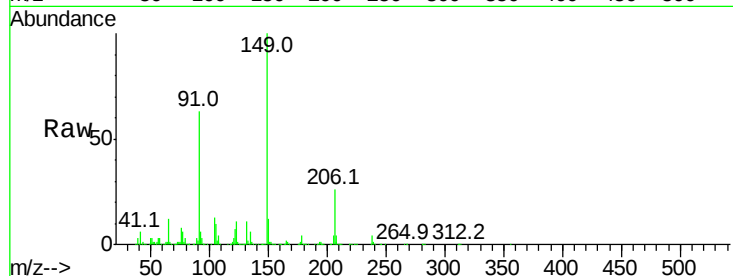
Tot Ion:149 Resp: 640175

Ion Ratio Lower Upper

149 100

91 62.8 62.2 93.2

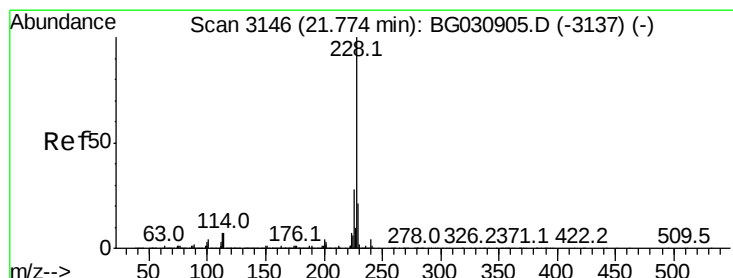
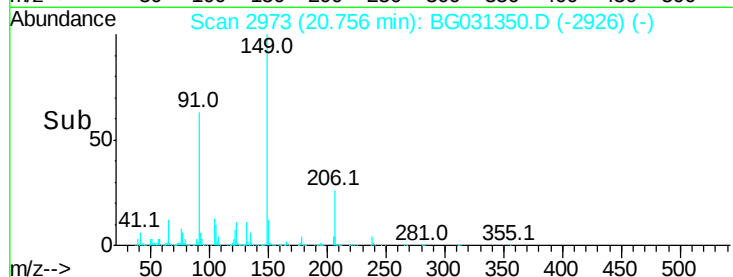
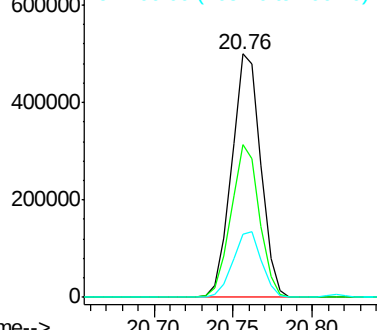
206 25.9 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.621 ng

RT: 21.74 min Scan# 3141

Delta R.T. -0.02 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

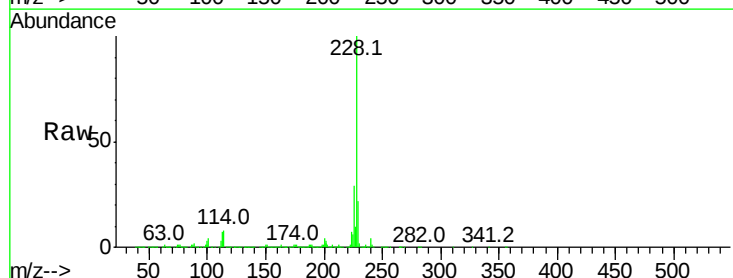
Tgt Ion:228 Resp: 1641451

Ion Ratio Lower Upper

228 100

226 29.5 22.7 34.1

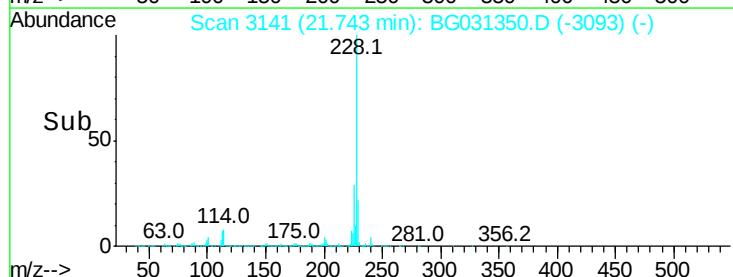
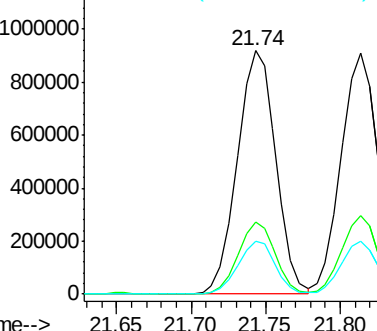
229 21.8 16.2 24.2

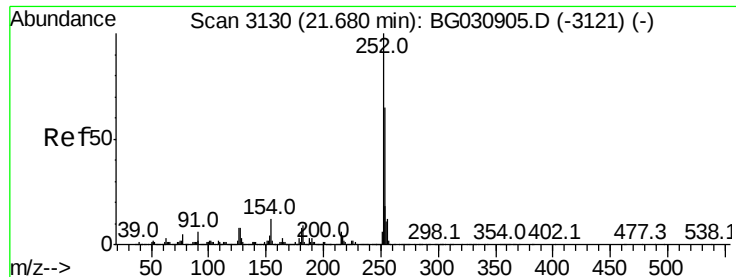


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

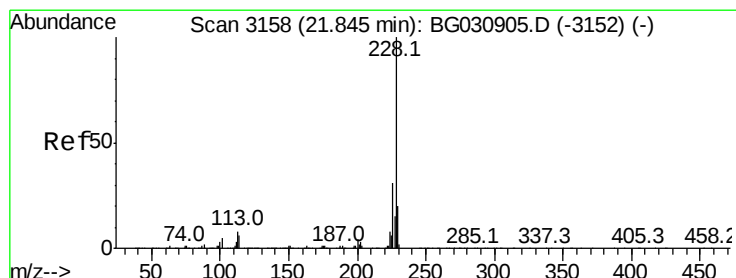
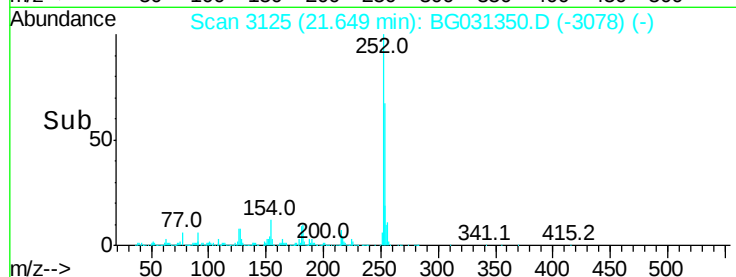
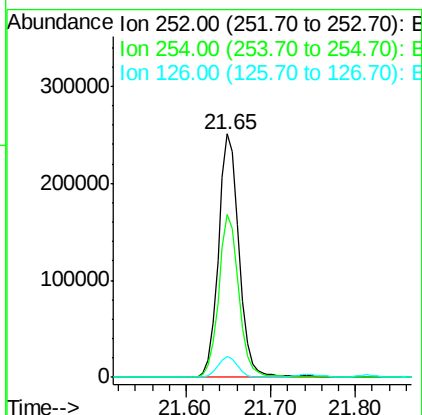
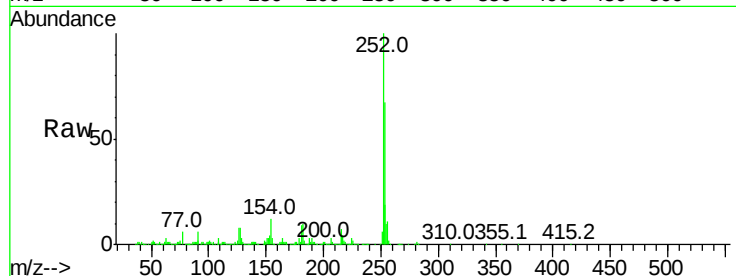




#81
 3,3'-Dichlorobenzidine
 Concen: 31.202 ng
 RT: 21.65 min Scan# 3125
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

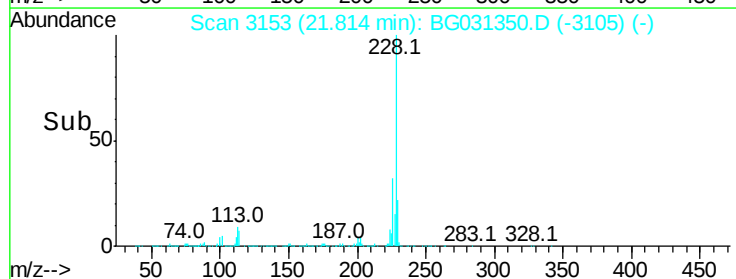
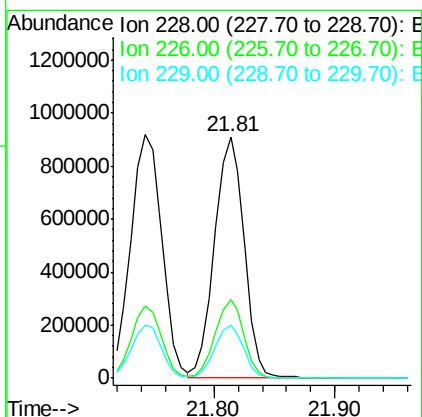
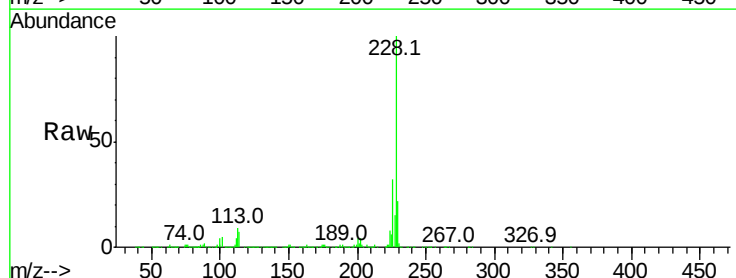
Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.9	50.8	76.2
126	8.5	7.4	11.2



#82
 Chrysene
 Concen: 49.166 ng
 RT: 21.81 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.9	37.3
229	21.9	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.445 ng

RT: 21.62 min Scan# 3120

Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

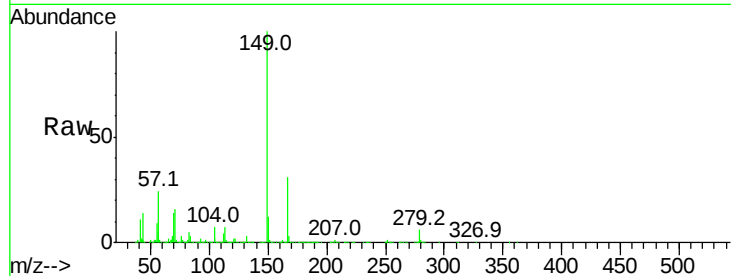
BNA_G

ClientSampleId :

PB104670BS

Tot Ion:149 Resp: 880675

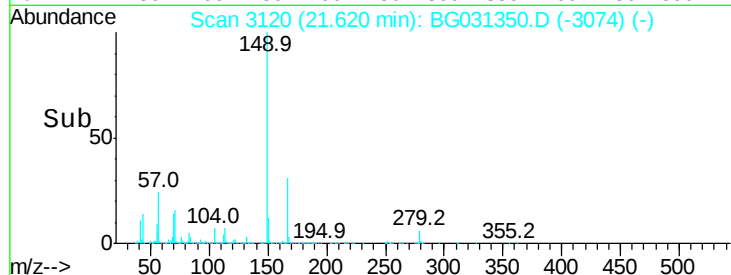
Ion	Ratio	Lower	Upper
149	100		
167	31.0	24.3	36.5
279	5.7	4.0	6.0



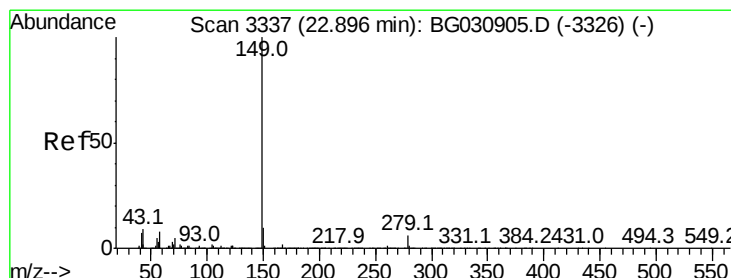
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time--> 21.50 21.60 21.70



#84

Di-n-octyl phthalate

Concen: 49.274 ng

RT: 22.84 min Scan# 3328

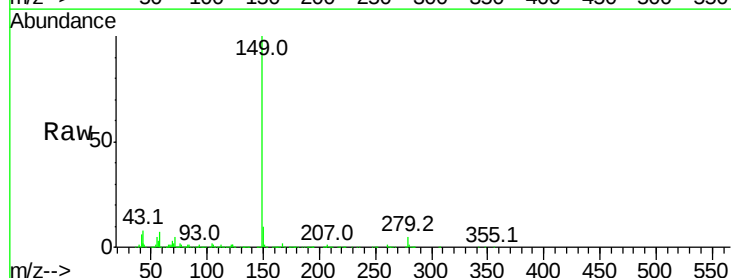
Delta R.T. -0.05 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:149 Resp: 1488656

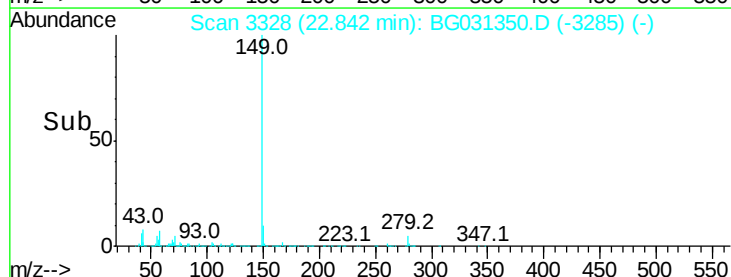
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.0	8.9	13.3#



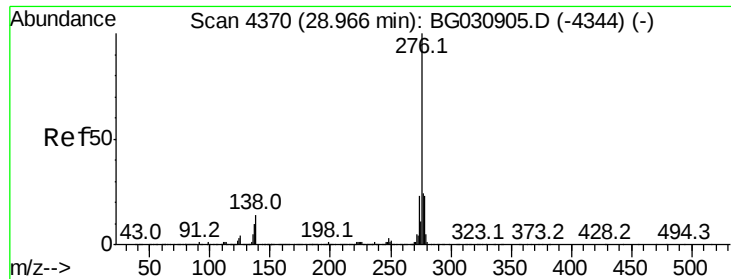
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG



Time--> 22.70 22.80 22.90 23.00

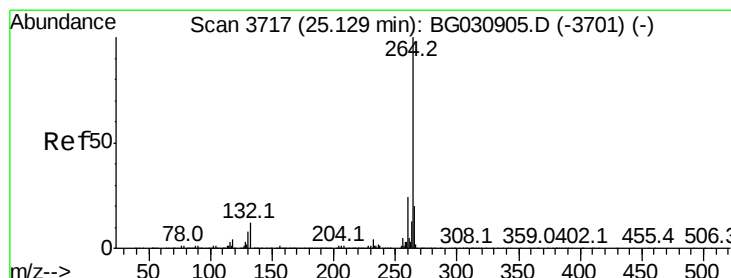
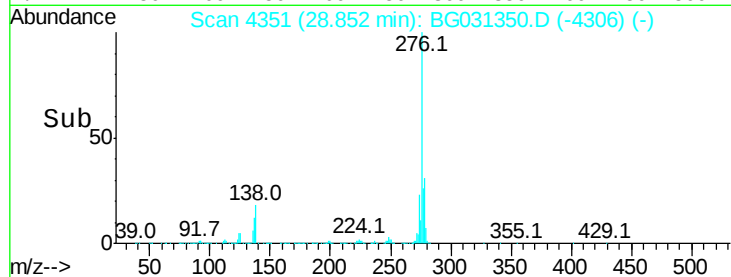
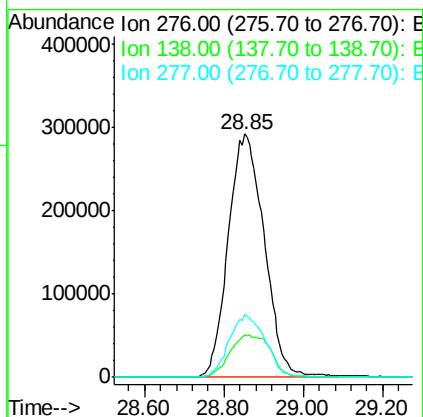
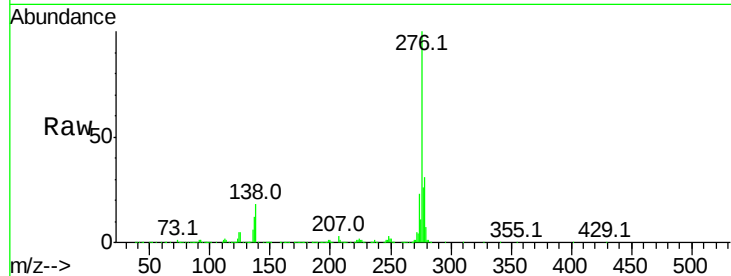


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.758 ng
 RT: 28.85 min Scan# 4351
 Delta R.T. -0.04 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion:276 Resp: 1851099

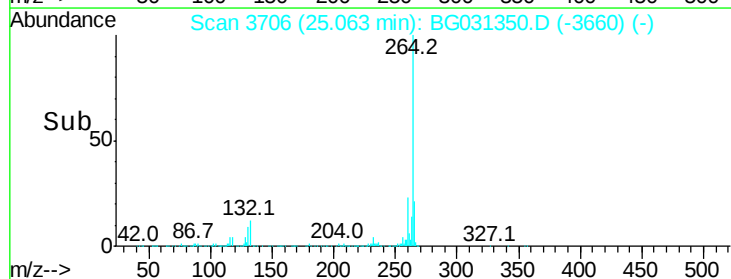
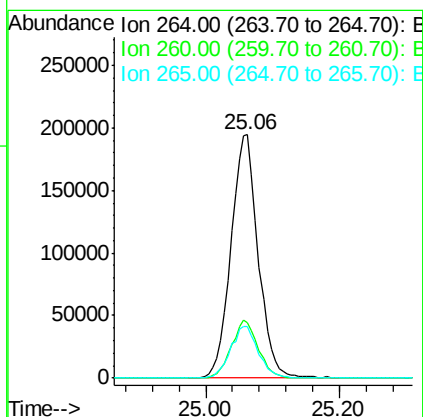
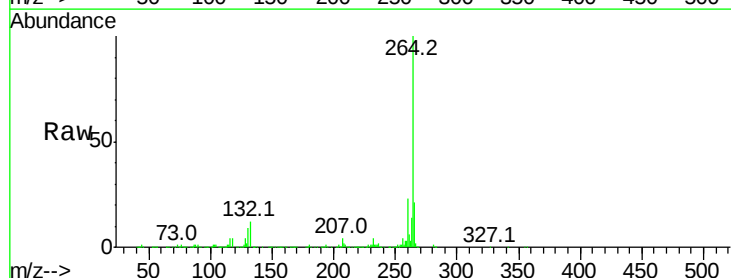
Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.0	24.0
277	25.9	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.06 min Scan# 3706
 Delta R.T. -0.03 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Tgt Ion:264 Resp: 552500

Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	21.2	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 49.504 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

BNA_G

ClientSampleId :

PB104670BS

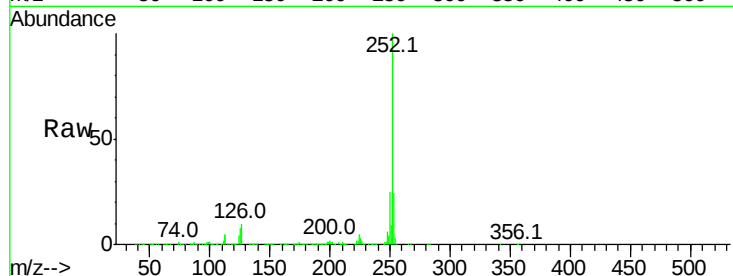
Tot Ion:252 Resp: 1654455

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.4

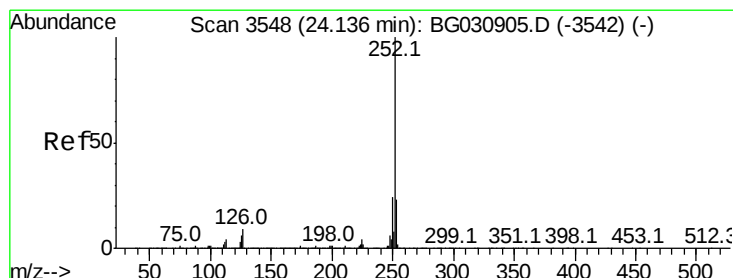
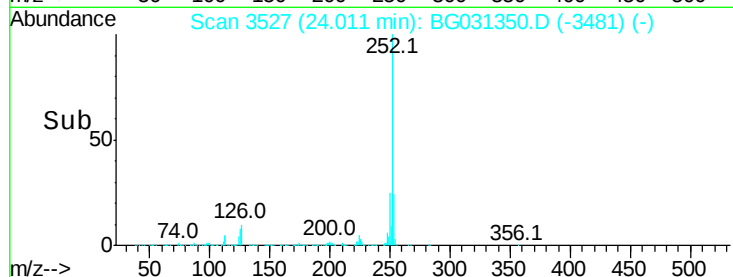
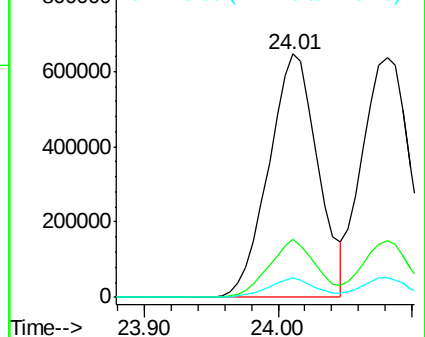
125 7.9 7.2 10.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 48.047 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

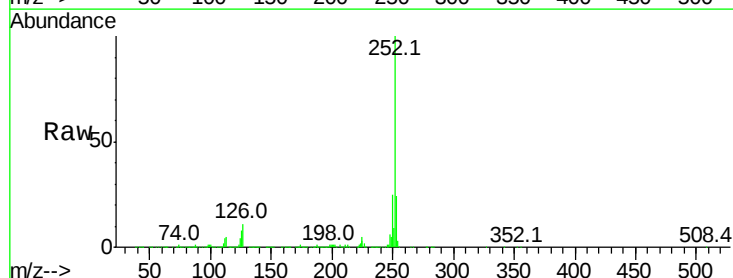
Tgt Ion:252 Resp: 1591645

Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

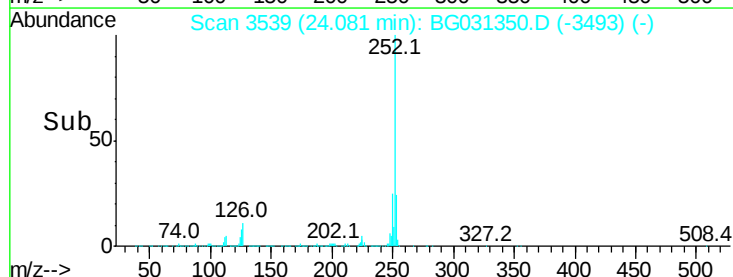
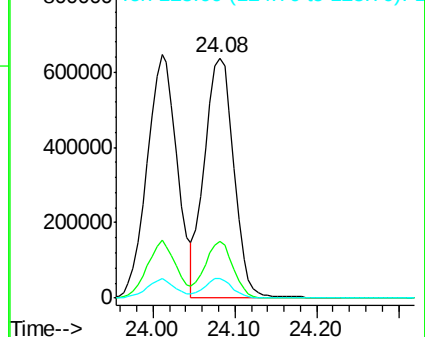
125 8.3 6.6 9.8

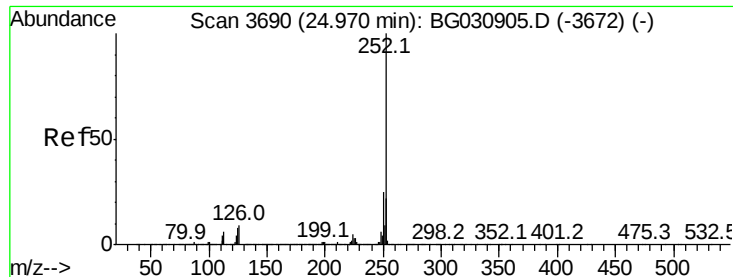


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 50.491 ng

RT: 24.90 min Scan# 3679

Delta R.T. -0.03 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Instrument :

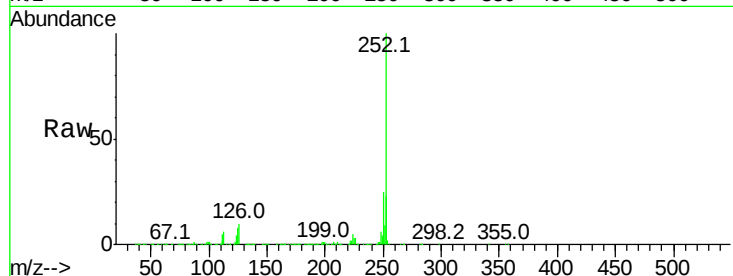
BNA_G

ClientSampleId :

PB104670BS

Tot Ion:252 Resp: 1603050

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.3	27.5
125	8.3	7.3	10.9

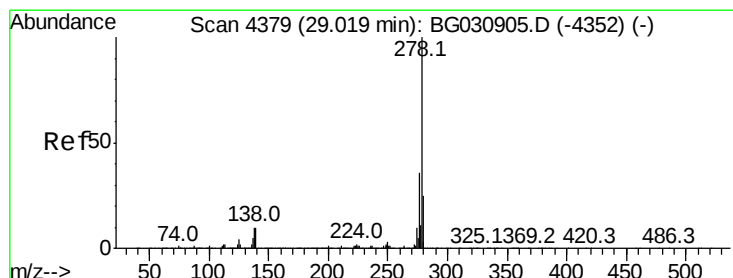
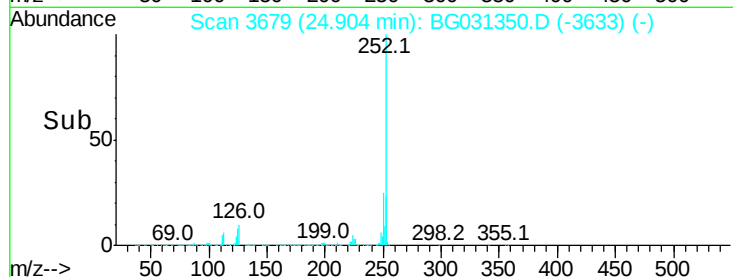
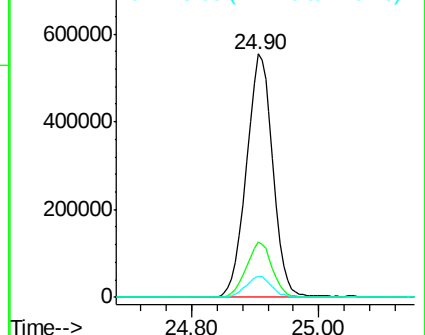


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 47.453 ng

RT: 28.91 min Scan# 4360

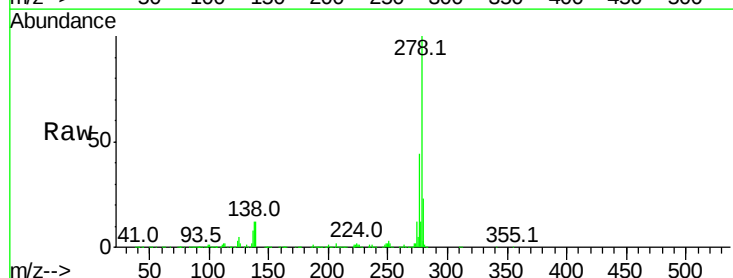
Delta R.T. -0.04 min

Lab File: BG031350.D

Acq: 4 Dec 2017 17:23

Tgt Ion:278 Resp: 1539899

Ion	Ratio	Lower	Upper
278	100		
139	12.1	9.8	14.6
279	22.8	18.4	27.6

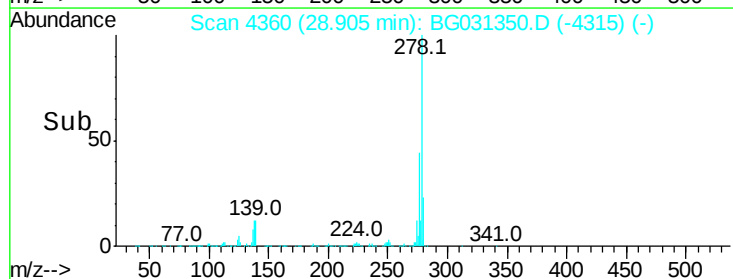
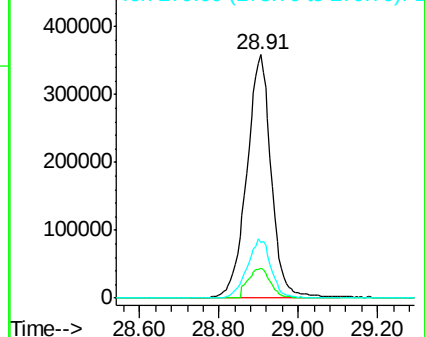


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

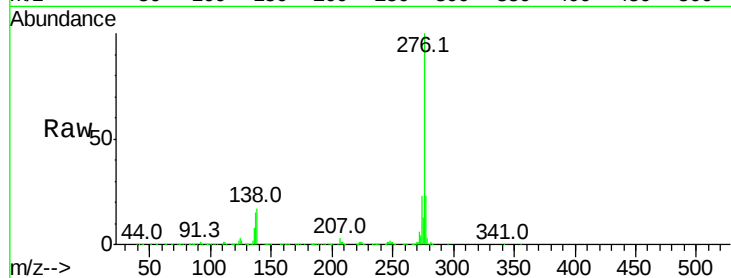




#91
 Benzo(a,h,i)perylene
 Concen: 47.936 ng
 RT: 30.03 min Scan# 4552
 Delta R.T. -0.04 min
 Lab File: BG031350.D
 Acq: 4 Dec 2017 17:23

Instrument :
 BNA_G
 ClientSampleId :
 PB104670BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.3	27.5
138	17.2	13.9	20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

