

Data Path : U:\HPCHEM1\BNA G\DATA\BG011518\
 Data File : BG032066.D
 Acq On : 16 Jan 2018 12:58
 Operator : SJ/JU
 Sample : J1123-01MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 16:29:24 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	50270	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	199278	20.00	ng	0.00
38) Acenaphthene-d10	15.40	164	134633	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	360115	20.00	ng	0.00
75) Chrysene-d12	22.47	240	420349	20.00	ng	0.00
86) Perylene-d12	26.18	264	457513	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.19	112	423268	153.99	ng	0.00
7) Phenol-d6	7.88	99	528981	152.81	ng	0.00
23) Nitrobenzene-d5	9.96	82	308087	104.59	ng	0.00
41) 2,4,6-Tribromophenol	16.88	330	364497	163.61	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	965089	88.88	ng	0.00
78) Terphenyl-d14	20.66	244	1663955	87.41	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.85	88	40739	38.580	ng	# 72
3) Pyridine	4.30	79	111488	39.554	ng	# 79
4) n-Nitrosodimethylamine	4.21	42	55715	56.265	ng	# 94
6) Aniline	8.06	93	72935	16.704	ng	95
8) 2-Chlorophenol	8.31	128	156537	50.895	ng	83
9) Benzaldehyde	7.87	77	22077	11.007	ng	86
10) Phenol	7.91	94	191111	56.044	ng	95
11) bis(2-Chloroethyl)ether	8.15	93	125449	45.919	ng	# 83
12) 1,3-Dichlorobenzene	8.80	146	179954	44.705	ng	96
13) 1,4-Dichlorobenzene	8.80	146	179954	44.399	ng	95
14) 1,2-Dichlorobenzene	9.14	146	174266	44.454	ng	96
15) Benzyl Alcohol	9.00	79	130380	51.846	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.29	45	128028	46.113	ng	79
17) 2-Methylphenol	9.20	107	125946	48.329	ng	97
18) Hexachloroethane	9.89	117	59759	47.975	ng	# 86
19) n-Nitroso-di-n-propylamine	9.58	70	99319	46.242	ng	# 84
20) 3+4-Methylphenols	9.54	107	171674	47.552	ng	96
22) Acetophenone	9.61	105	226214	49.974	ng	# 88
24) Nitrobenzene	10.01	77	148813	50.649	ng	# 86
25) Isophorone	10.53	82	278974	50.864	ng	# 87
26) 2-Nitrophenol	10.73	139	92379	53.063	ng	# 82
27) 2,4-Dimethylphenol	10.77	122	158014	57.196	ng	93
28) bis(2-Chloroethoxy)methane	11.01	93	173739	52.576	ng	# 94
29) 2,4-Dichlorophenol	11.27	162	189663	55.793	ng	89
30) 1,2,4-Trichlorobenzene	11.50	180	206853	47.117	ng	97
31) Naphthalene	11.70	128	463321	46.934	ng	99
32) Benzoic acid	10.77	122	158014	68.748	ng	# 7
33) 4-Chloroaniline	11.79	127	74722	17.651	ng	95
34) Hexachlorobutadiene	11.97	225	147001	46.619	ng	97
35) Caprolactam	12.54	113	59150	57.355	ng	# 52
36) 4-Chloro-3-methylphenol	12.87	107	178356	57.321	ng	# 85
37) 2-Methylnaphthalene	13.26	142	380439	48.541	ng	94
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	287466	48.983	ng	# 96
40) Hexachlorocyclopentadiene	13.59	237	328595	99.411	ng	91

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.84	196	182855	55.453	nq	99
43) 2,4,5-Trichlorophenol	13.92	196	201695	52.844	nq #	90
45) 1,1'-Biphenyl	14.24	154	551019	47.741	nq	94
46) 2-Chloronaphthalene	14.29	162	420263	46.806	nq	95
47) 2-Nitroaniline	14.48	65	98813	57.487	nq #	73
48) Acenaphthylene	15.13	152	628411	45.961	nq	99
49) Dimethylphthalate	14.83	163	811308	68.863	nq	98
50) 2,6-Dinitrotoluene	14.96	165	129959	53.144	nq #	69
51) Acenaphthene	15.46	154	426899	47.218	nq	97
52) 3-Nitroaniline	15.29	138	59919	27.129	nq #	74
53) 2,4-Dinitrophenol	15.49	184	50537	44.575	nq #	84
54) Dibenzofuran	15.79	168	670598	49.722	nq	99
55) 4-Nitrophenol	15.57	139	193198	120.028	nq #	81
56) 2,4-Dinitrotoluene	15.73	165	187104	56.830	nq #	67
57) Fluorene	16.44	166	539068	48.734	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.00	232	212465	60.174	nq #	86
59) Diethylphthalate	16.17	149	564497	49.424	nq	96
60) 4-Chlorophenyl-phenylether	16.42	204	339049	49.967	nq	91
61) 4-Nitroaniline	16.44	138	108902	51.400	nq	90
62) Azobenzene	16.71	77	572351	80.062	nq	82
64) 4,6-Dinitro-2-methylphenol	16.49	198	98155	43.135	nq #	66
65) n-Nitrosodiphenylamine	16.63	169	514925	47.122	nq	99
66) 4-Bromophenyl-phenylether	17.31	248	249691	48.732	nq	95
67) Hexachlorobenzene	17.43	284	249529	44.019	nq #	91
68) Atrazine	17.55	200	243159	52.913	nq	96
69) Pentachlorophenol	17.77	266	345389	95.323	nq	99
70) Phenanthrene	18.17	178	934883	46.628	nq	99
71) Anthracene	18.27	178	957938	47.903	nq	99
72) Carbazole	18.52	167	833307	48.036	nq	99
73) Di-n-butylphthalate	19.03	149	949039	46.298	nq	100
74) Fluoranthene	20.13	202	1204839	47.995	nq	95
76) Benzidine	20.29	184	357276	33.990	nq	98
77) Pyrene	20.49	202	1221036	46.208	nq	97
79) Butylbenzylphthalate	21.35	149	437654	46.226	nq #	78
80) Benzo(a)anthracene	22.45	228	1269080	48.546	nq	100
81) 3,3'-Dichlorobenzidine	22.34	252	231531	23.709	nq #	96
82) Chrysene	22.53	228	1201591	47.861	nq	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	619551	44.625	nq #	97
84) Di-n-octyl phthalate	23.68	149	1079900	48.975	nq #	88
85) Indeno(1,2,3-cd)pyrene	30.50	276	1535170	49.966	nq #	88
87) Benzo(b)fluoranthene	24.99	252	1371147	49.582	nq #	97
88) Benzo(k)fluoranthene	25.08	252	1313409	48.604	nq #	96
89) Benzo(a)pyrene	26.02	252	1317351	50.358	nq #	96
90) Dibenzo(a,h)anthracene	30.58	278	1253871	49.740	nq #	95
91) Benzo(g,h,i)perylene	31.86	276	1311696	50.909	nq #	92

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

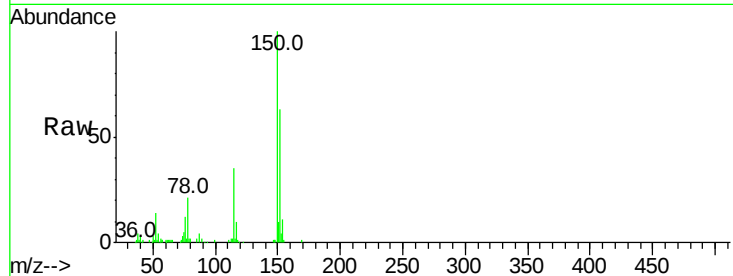


#1

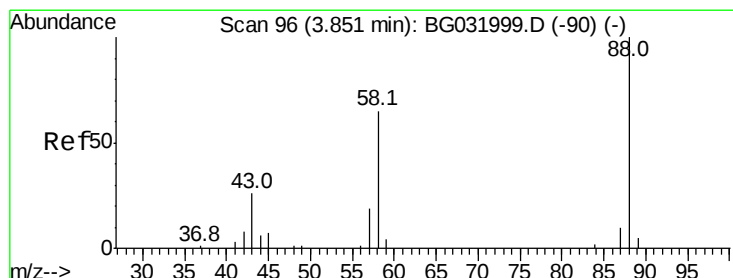
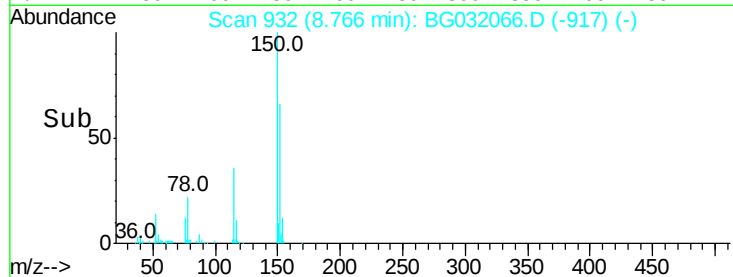
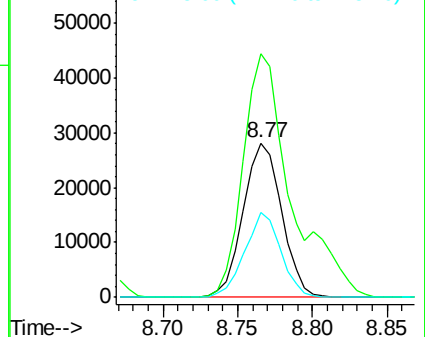
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 932
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 50270
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 55.3 53.0 79.4



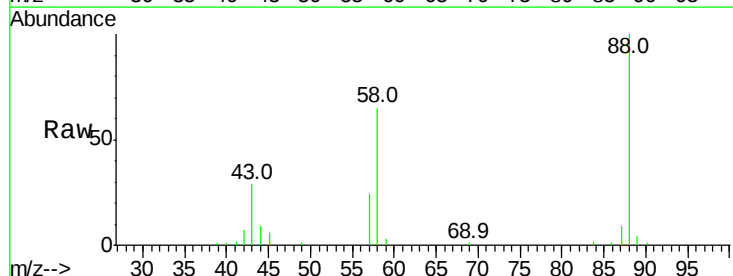
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



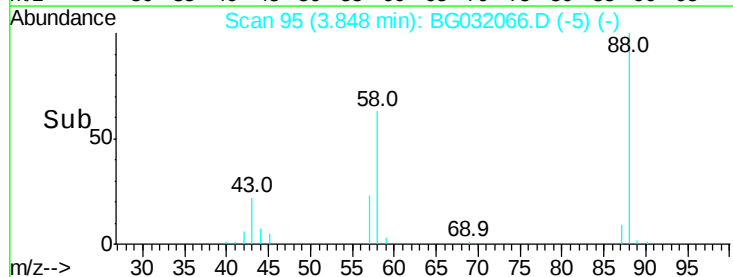
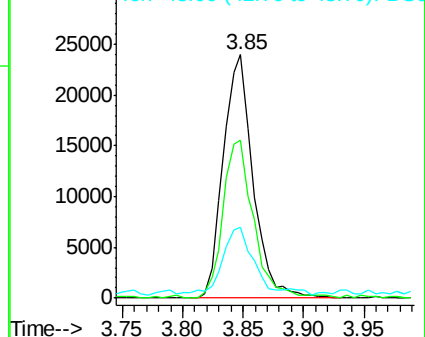
#2

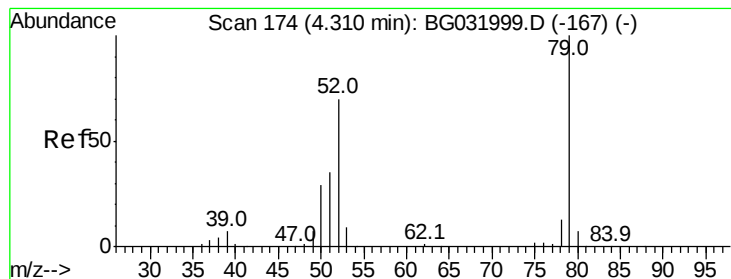
1,4-Dioxane
Concen: 38.580 ng
RT: 3.85 min Scan# 95
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion: 88 Resp: 40739
Ion Ratio Lower Upper
88 100
58 66.4 79.6 119.4#
43 27.6 27.4 41.0



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.554 ng

RT: 4.30 min Scan# 172

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

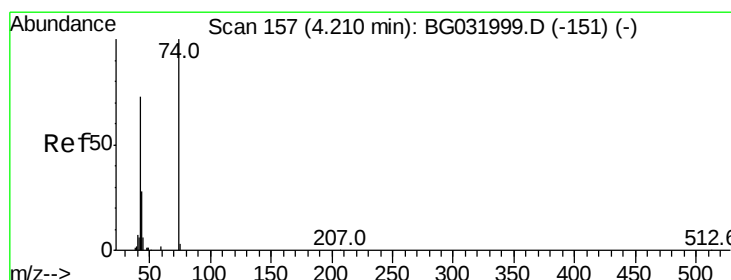
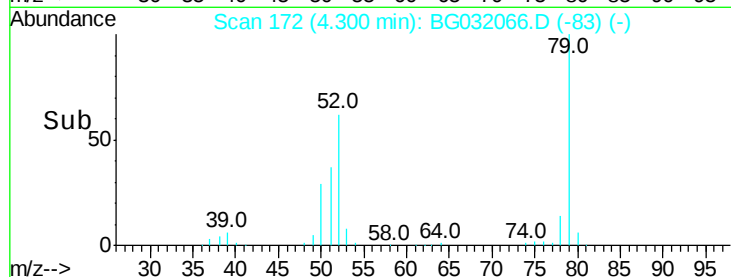
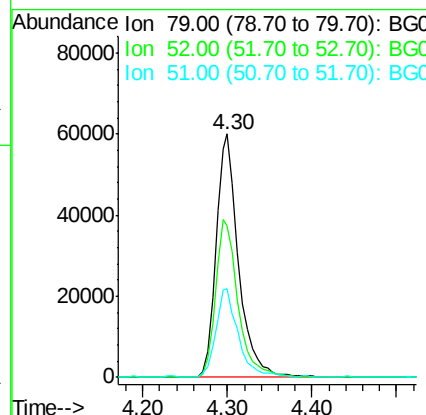
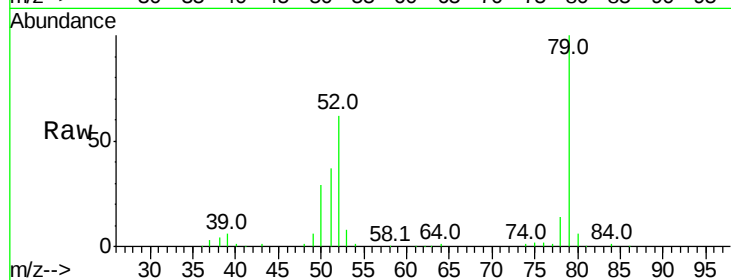
Instrument :

BNA_G

ClientSampled :

Tot Ion: 79 Resp: 111488

Ion	Ratio	Lower	Upper
79	100		
52	62.2	69.9	104.9#
51	36.6	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 56.265 ng

RT: 4.21 min Scan# 156

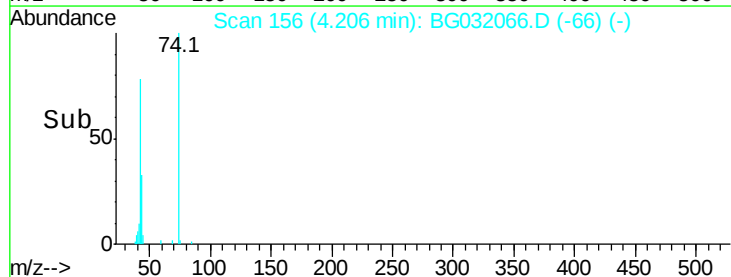
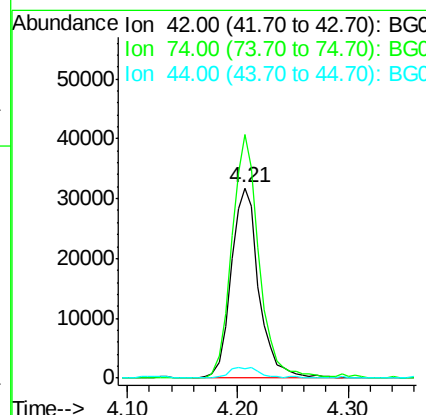
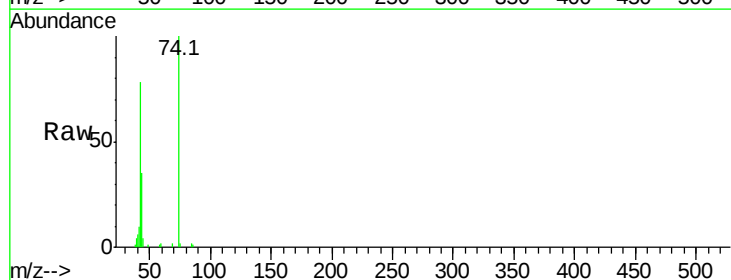
Delta R.T. -0.00 min

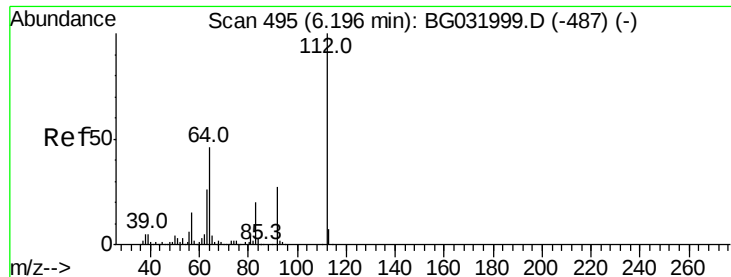
Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Tgt Ion: 42 Resp: 55715

Ion	Ratio	Lower	Upper
42	100		
74	127.9	102.5	153.7
44	5.0	18.9	28.3#





#5

2-Fluorophenol

Concen: 153.994 ng

RT: 6.19 min Scan# 494

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

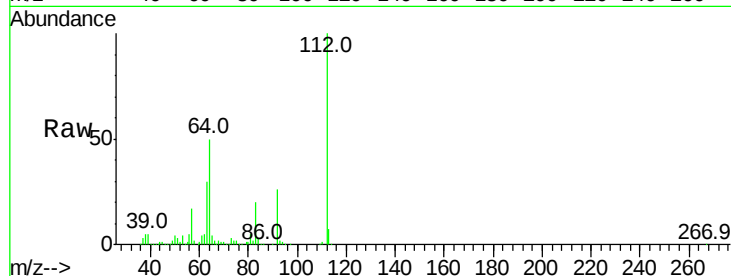
Tot Ion:112 Resp: 423268

Ion Ratio Lower Upper

112 100

64 50.3 56.3 84.5#

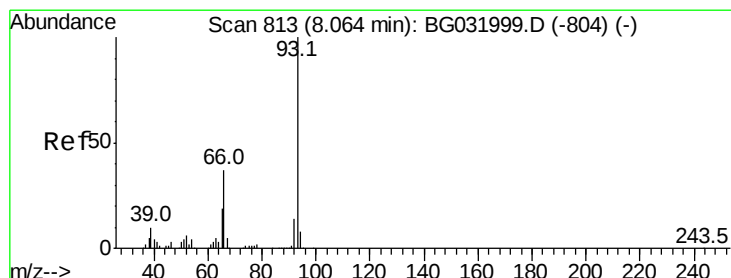
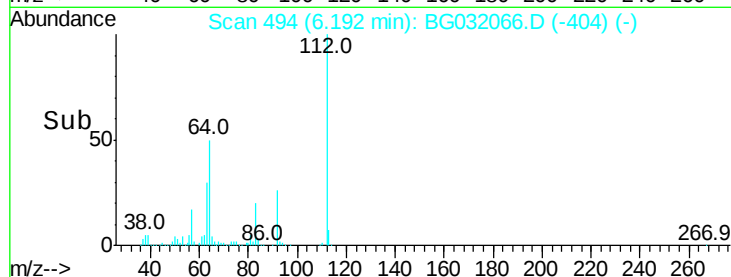
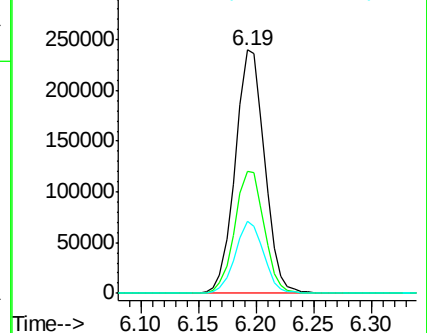
63 29.6 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 16.704 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

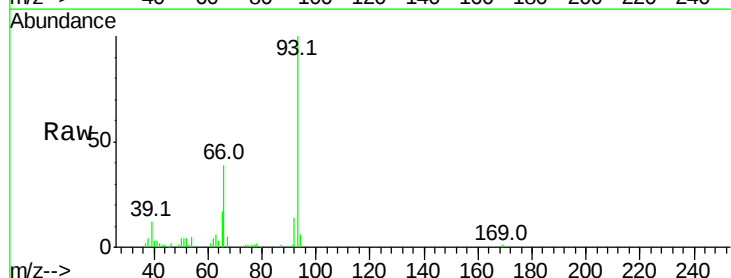
Tgt Ion: 93 Resp: 72935

Ion Ratio Lower Upper

93 100

66 39.3 33.7 50.5

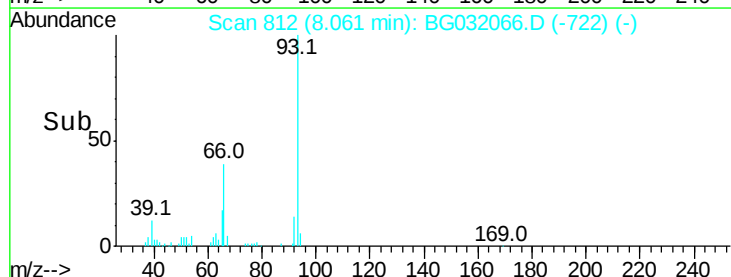
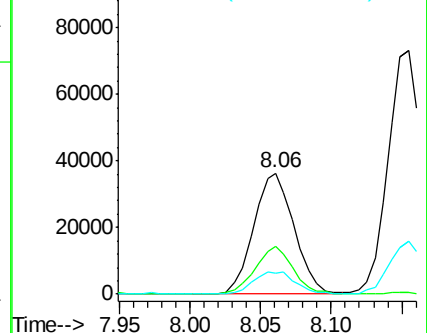
65 17.0 16.1 24.1

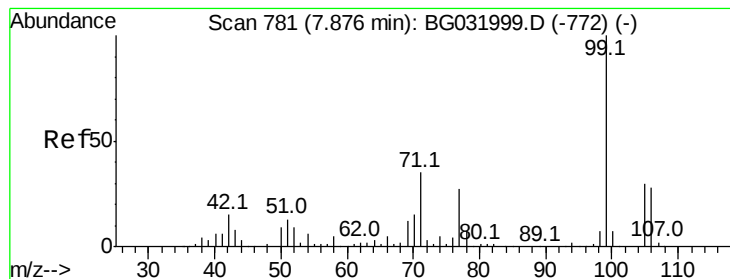


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.810 ng

RT: 7.88 min Scan# 781

Delta R.T. 0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

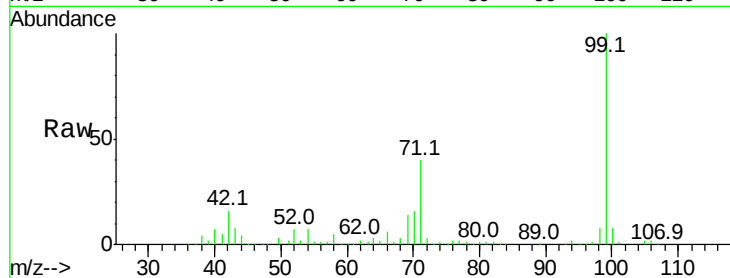
Tot Ion: 99 Resp: 528981

Ion Ratio Lower Upper

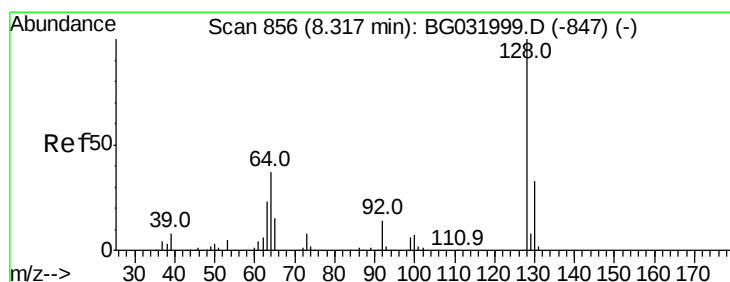
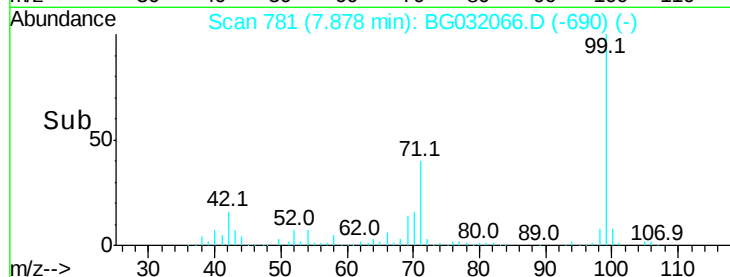
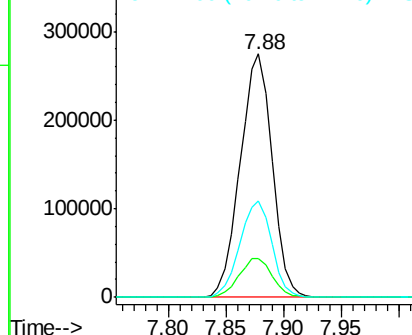
99 100

42 15.9 14.1 21.1

71 39.8 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 50.895 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

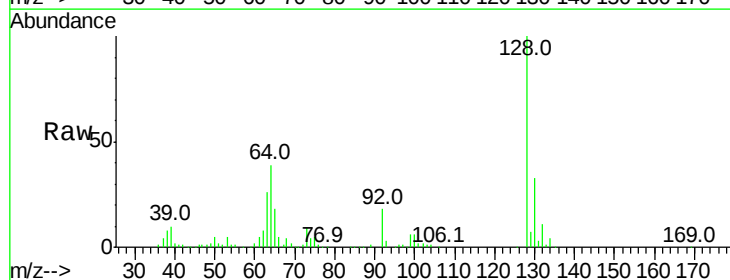
Tgt Ion:128 Resp: 156537

Ion Ratio Lower Upper

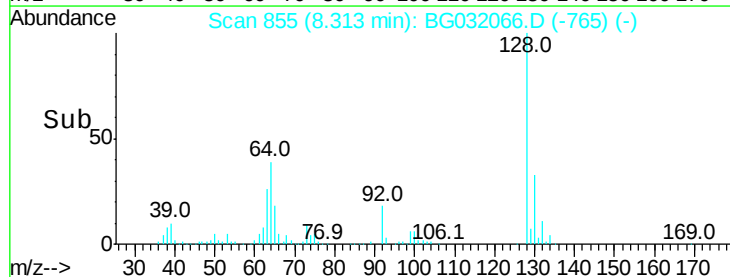
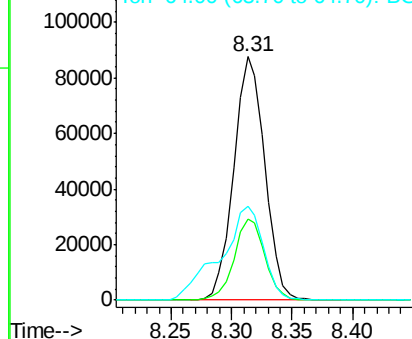
128 100

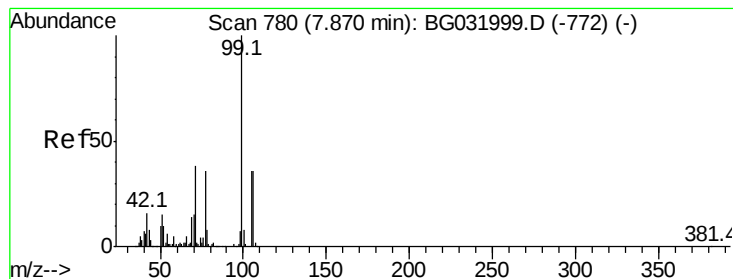
130 33.2 14.0 54.0

64 38.6 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: 11.007 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampled :

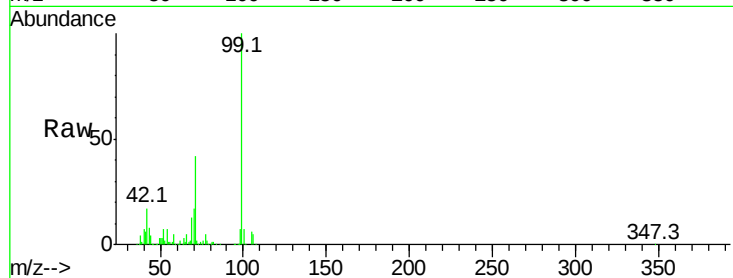
Tot Ion: 77 Resp: 22077

Ion Ratio Lower Upper

77 100

105 104.4 71.3 111.3

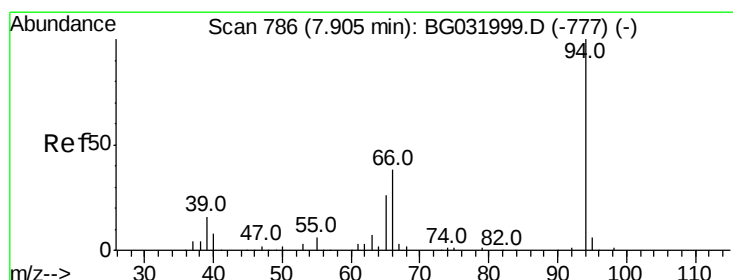
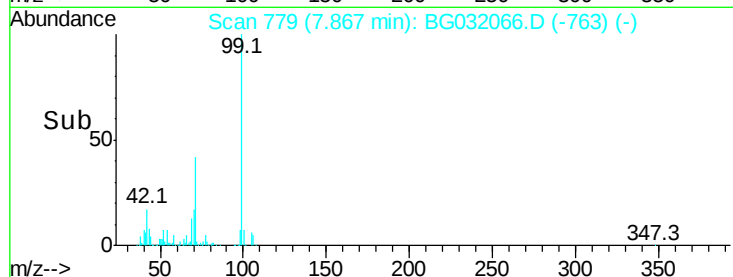
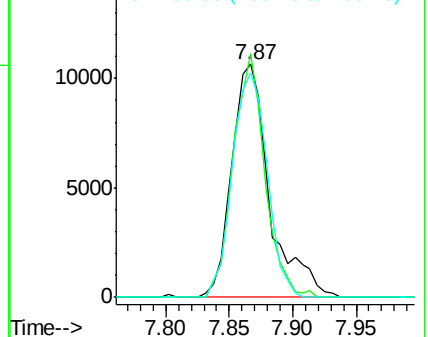
106 96.3 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 56.044 ng

RT: 7.91 min Scan# 786

Delta R.T. 0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

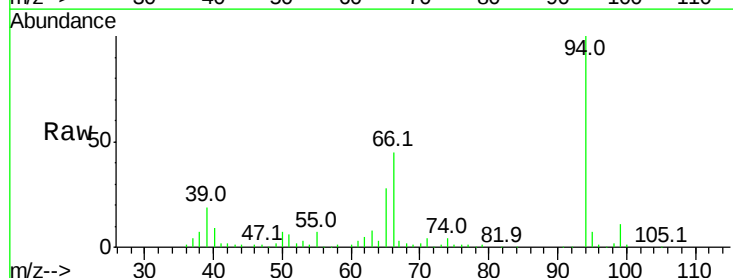
Tgt Ion: 94 Resp: 191111

Ion Ratio Lower Upper

94 100

65 27.6 11.9 51.9

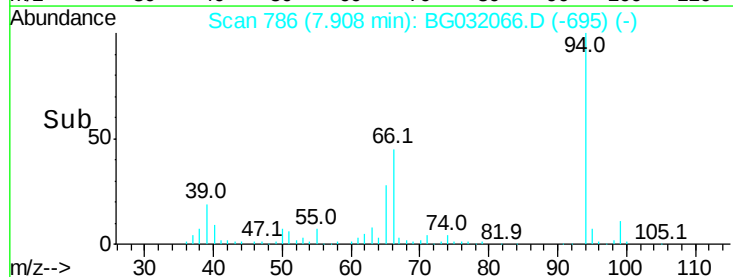
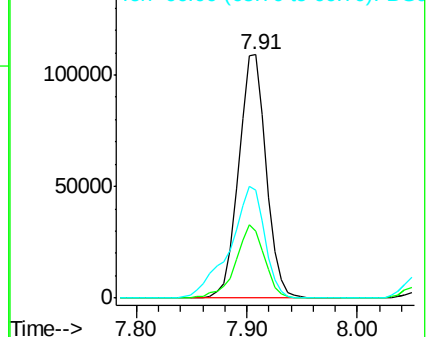
66 44.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

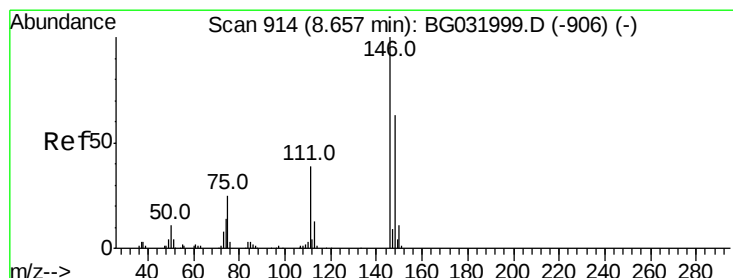
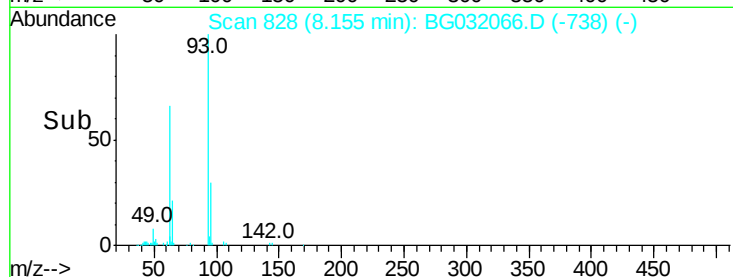
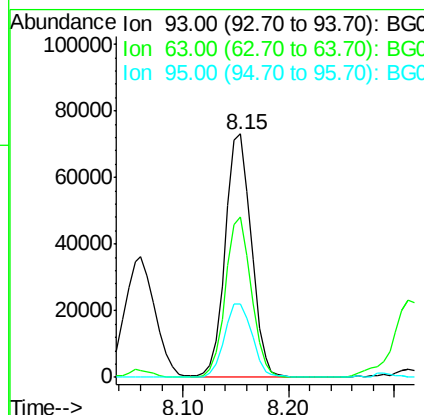
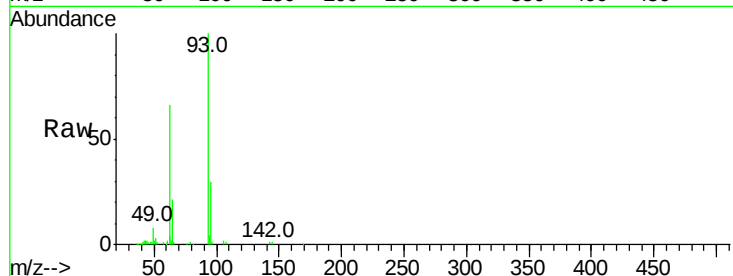




#11
bis(2-Chloroethyl)ether
Concen: 45.919 ng
RT: 8.15 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

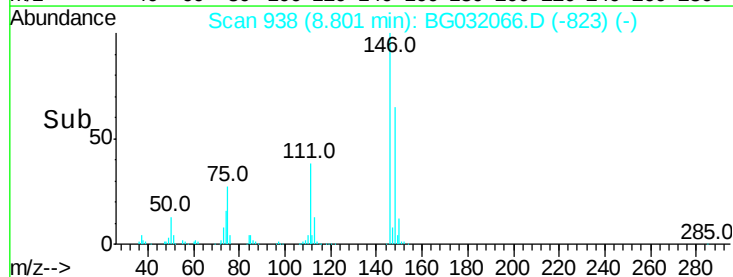
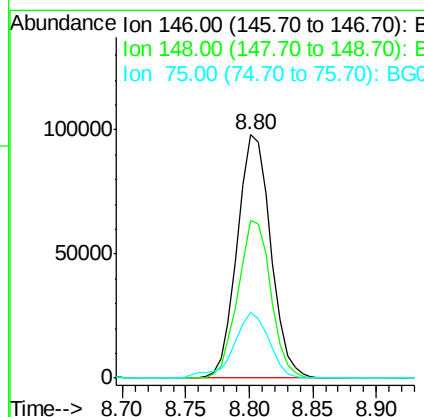
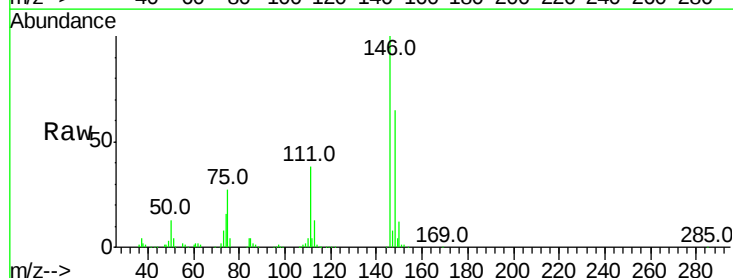
Instrument :
BNA_G
ClientSampleId :

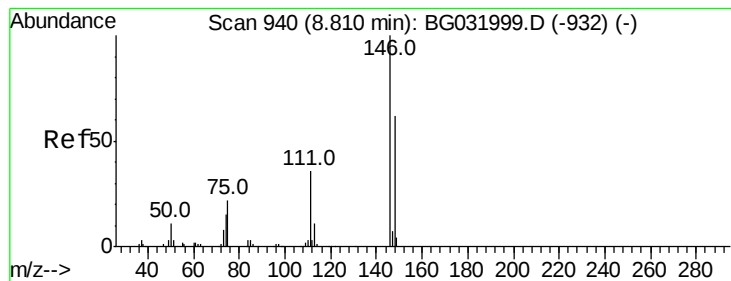
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.9	67.1	107.1#
95	30.4	11.5	51.5



#12
1,3-Dichlorobenzene
Concen: 44.705 ng
RT: 8.80 min Scan# 938
Delta R.T. 0.14 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.4	77.2
75	26.9	26.6	39.8





#13

1,4-Dichlorobenzene

Concen: 44.399 ng

RT: 8.80 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampled :

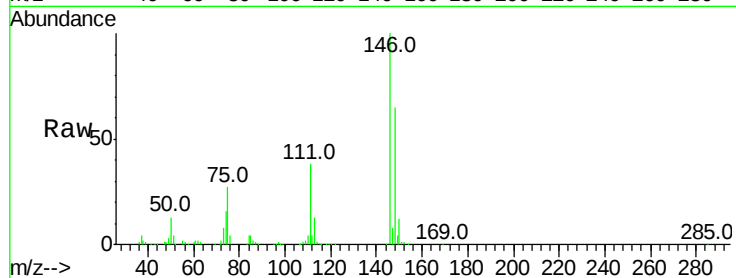
Tot Ion:146 Resp: 179954

Ion Ratio Lower Upper

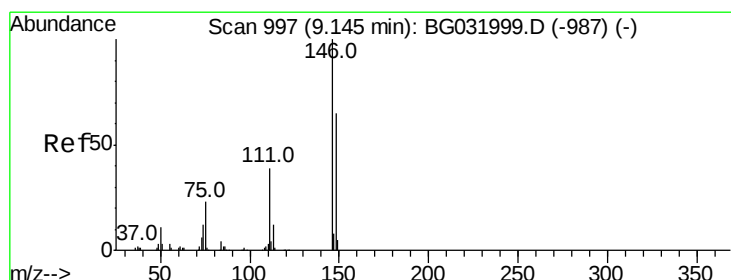
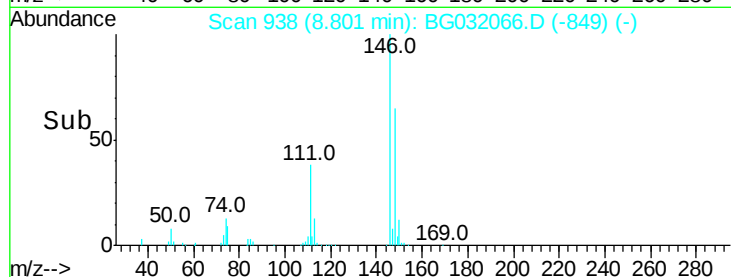
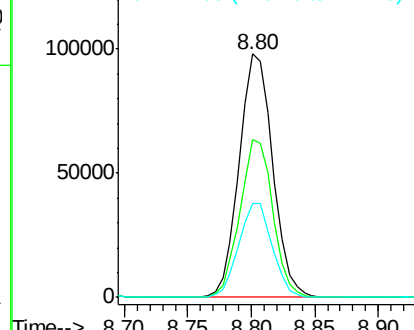
146 100

148 64.8 53.7 80.5

111 38.4 35.2 52.8



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



#14

1,2-Dichlorobenzene

Concen: 44.454 ng

RT: 9.14 min Scan# 995

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

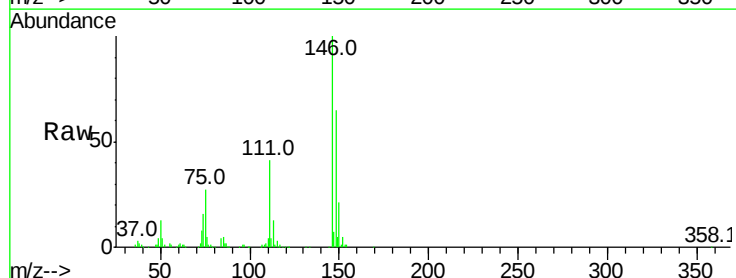
Tgt Ion:146 Resp: 174266

Ion Ratio Lower Upper

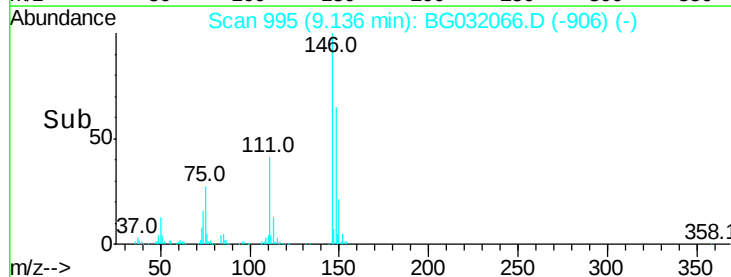
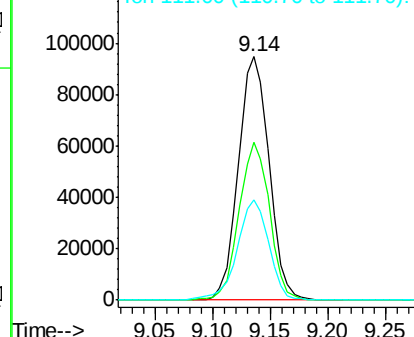
146 100

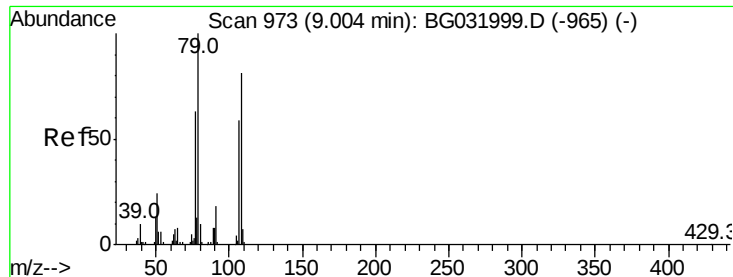
148 64.8 49.3 73.9

111 41.1 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 51.846 ng

RT: 9.00 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

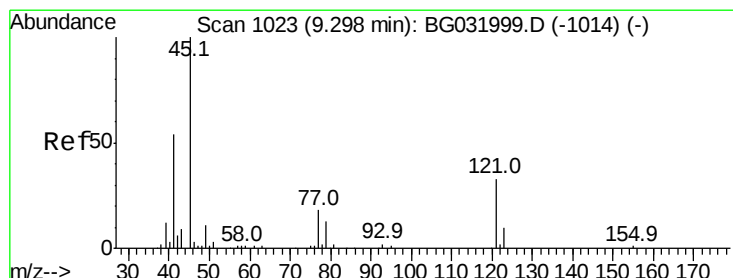
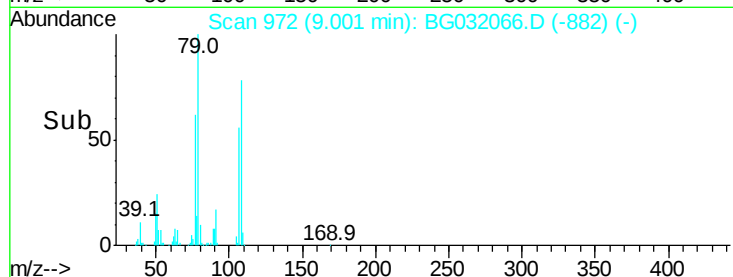
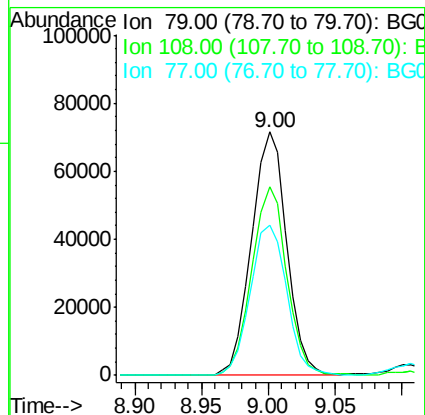
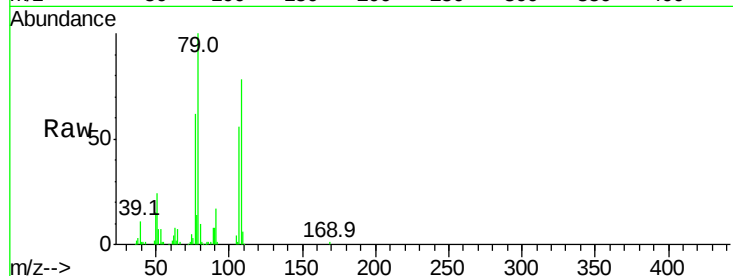
Tot Ion: 79 Resp: 130380

Ion Ratio Lower Upper

79 100

108 77.5 57.2 85.8

77 61.9 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.113 ng

RT: 9.29 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

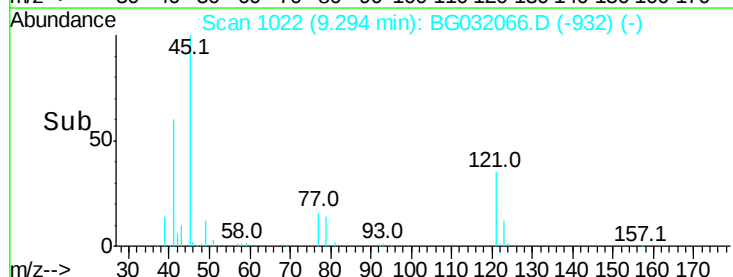
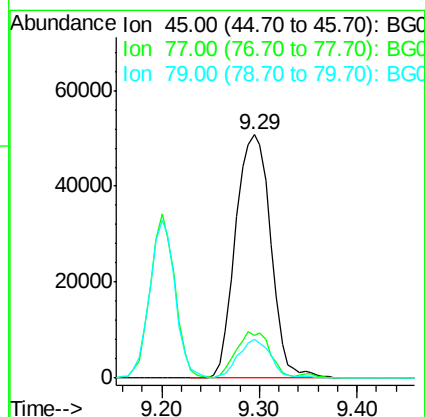
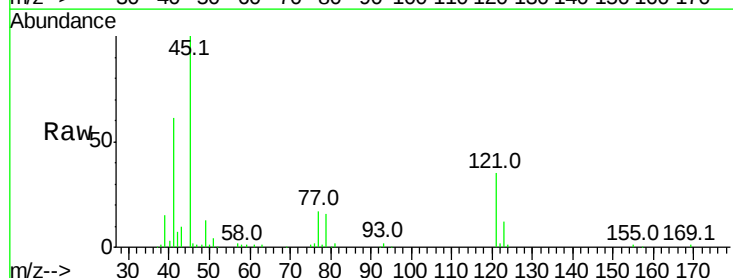
Tgt Ion: 45 Resp: 128028

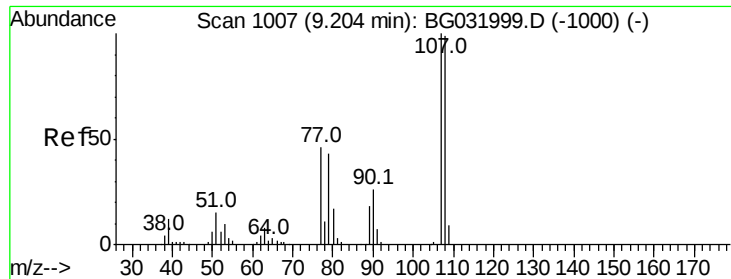
Ion Ratio Lower Upper

45 100

77 17.4 0.0 30.2

79 15.8 0.0 27.9

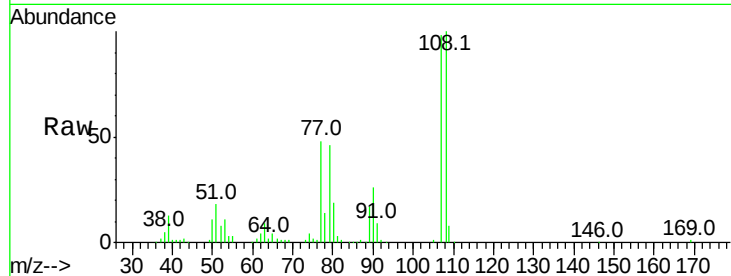




#17
2-Methylphenol
Concen: 48.329 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	101.8	83.9	125.9
77	48.7	37.2	55.8
79	47.1	36.2	54.2



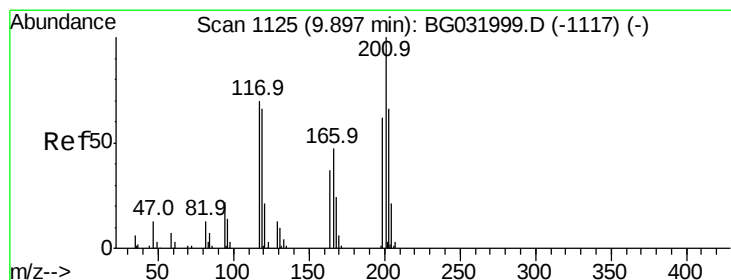
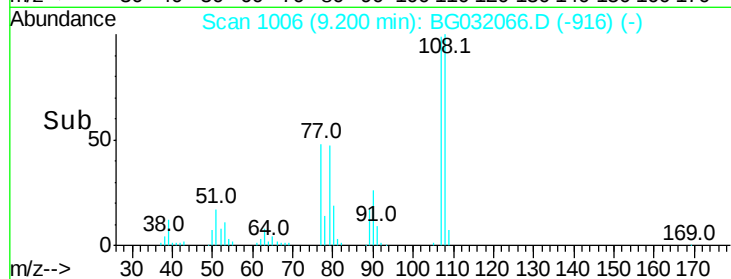
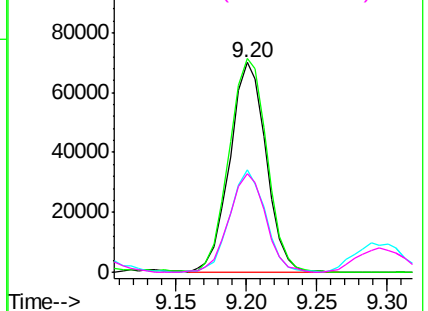
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

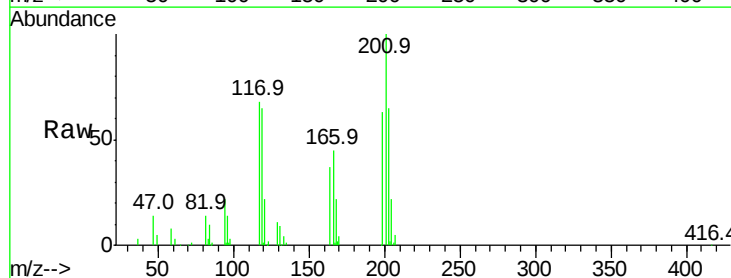
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.975 ng
RT: 9.89 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1
201	146.5	95.7	143.5

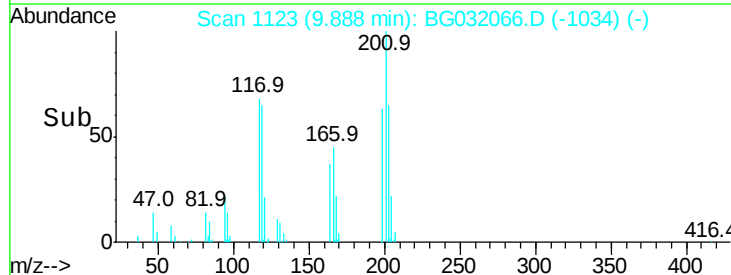
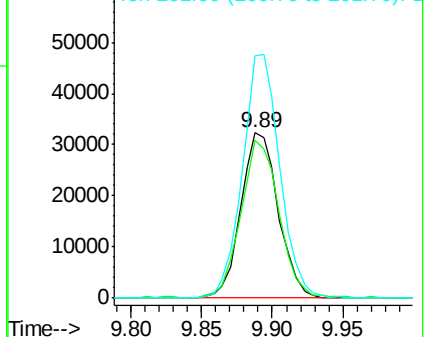


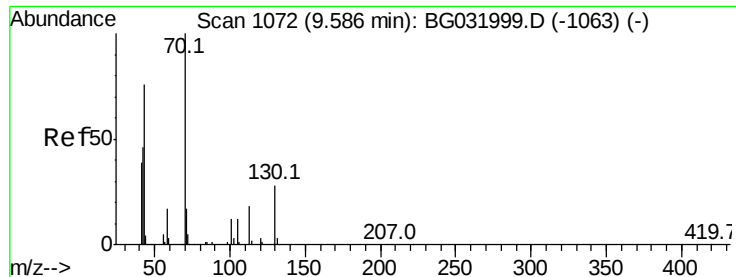
Abundance

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: 46.242 ng

RT: 9.58 min Scan# 1071

Delta R.T. -0.00 min

Lab File: BG032066.D

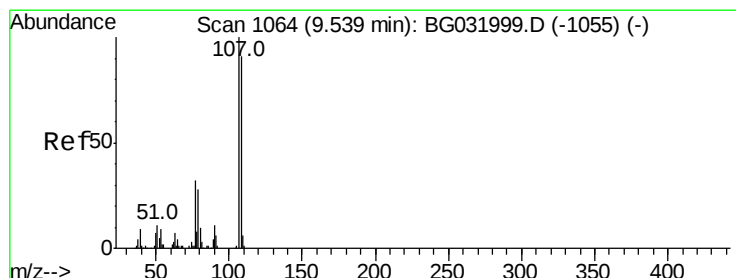
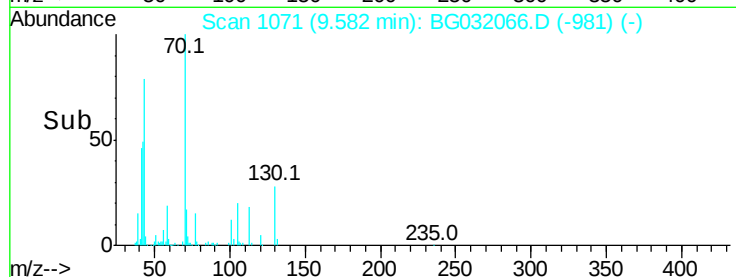
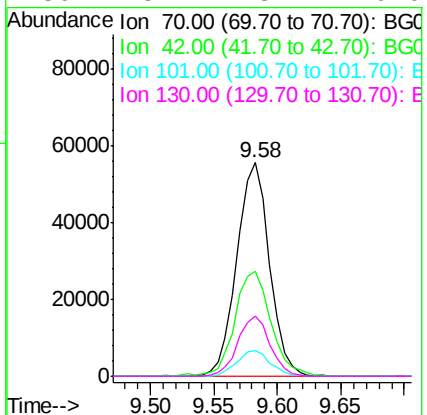
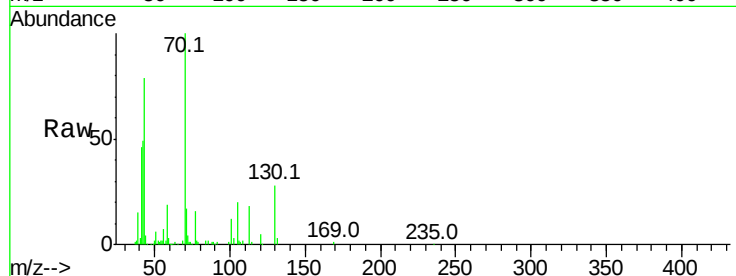
Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	70	Resp:	99319
Ion	Ratio	Lower	Upper
70	100		
42	49.2	49.1	73.7
101	11.7	8.5	12.7
130	28.4	13.4	20.0#



#20

3+4-Methylphenols

Concen: 47.552 ng

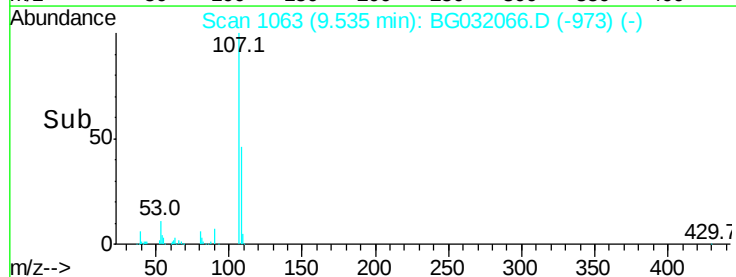
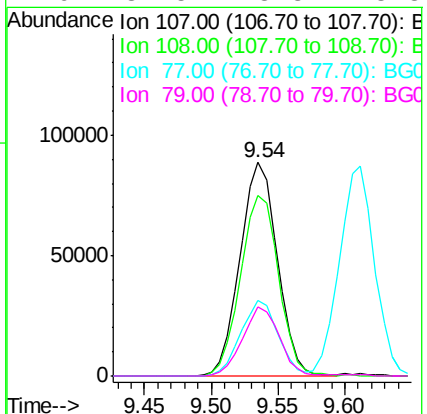
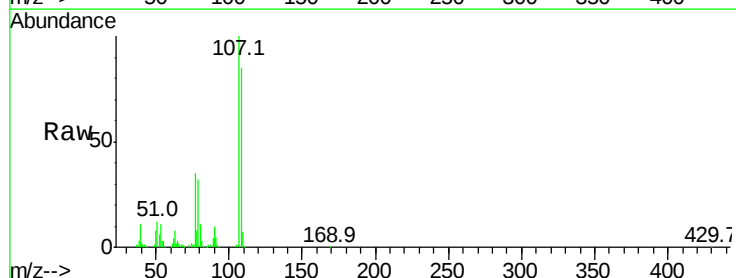
RT: 9.54 min Scan# 1063

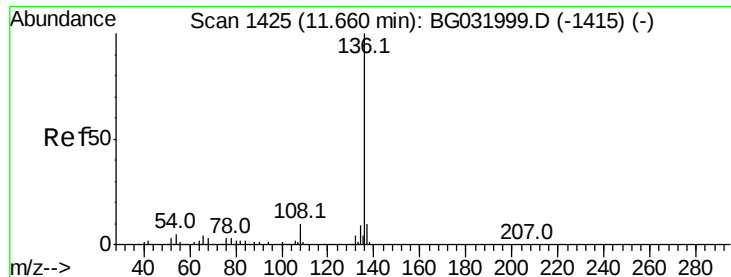
Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Tgt Ion:	107	Resp:	171674
Ion	Ratio	Lower	Upper
107	100		
108	84.6	61.6	101.6
77	35.3	13.9	53.9
79	32.5	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.65 min Scan# 1423

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 199278

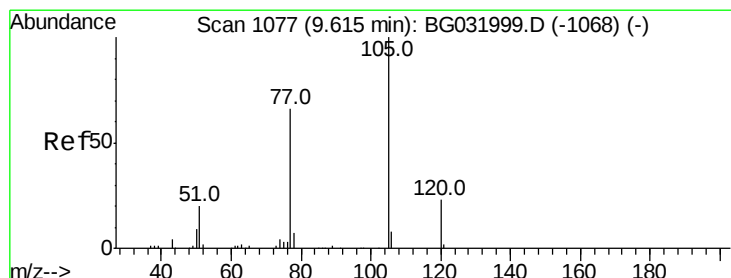
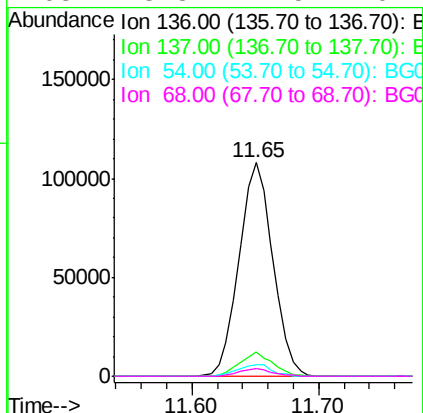
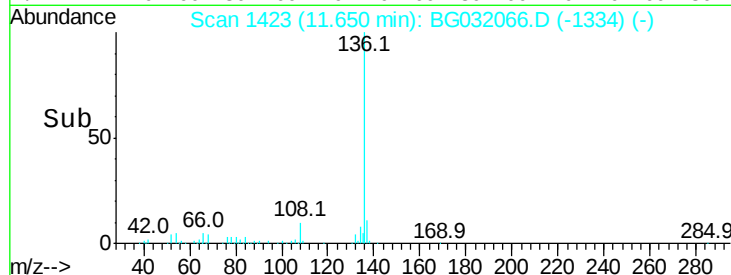
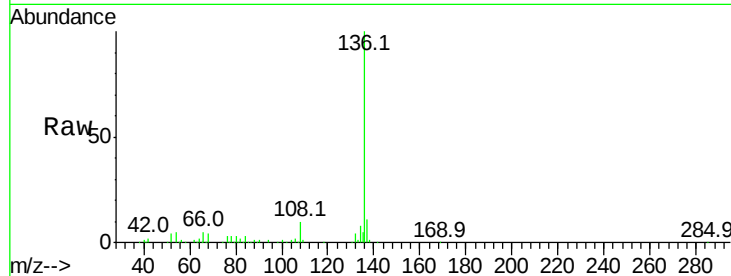
Ion Ratio Lower Upper

136 100

137 11.4 9.2 13.8

54 5.4 10.3 15.5#

68 3.8 4.5 6.7#



#22

Acetophenone

Concen: 49.974 ng

RT: 9.61 min Scan# 1076

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Tgt Ion:105 Resp: 226214

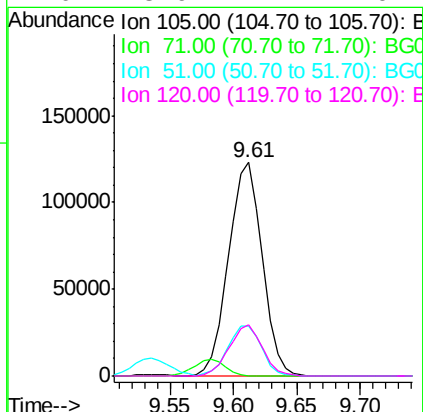
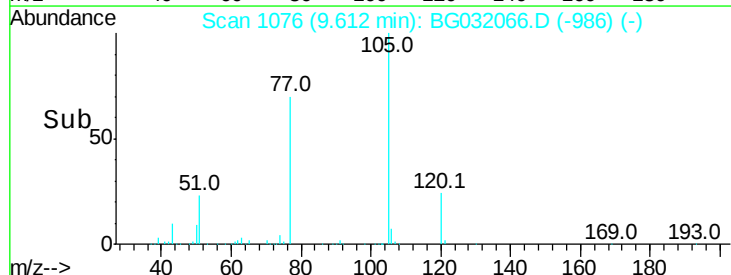
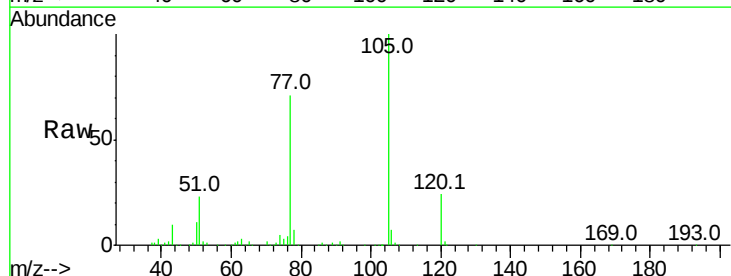
Ion Ratio Lower Upper

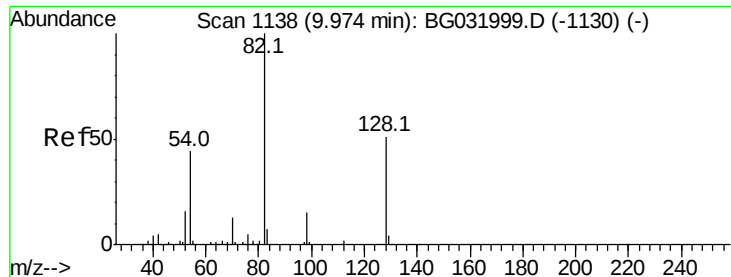
105 100

71 0.2 3.0 4.4#

51 23.2 26.1 39.1#

120 23.9 17.4 26.2

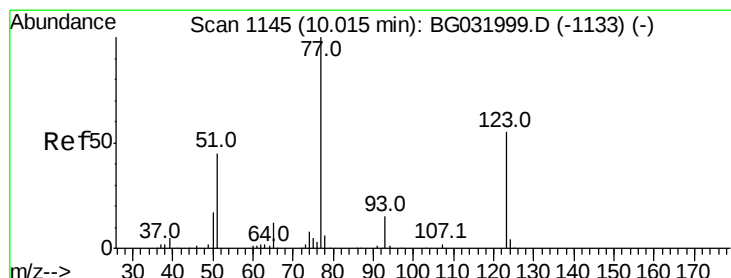
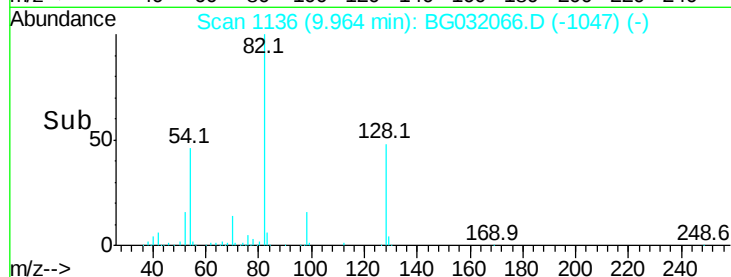
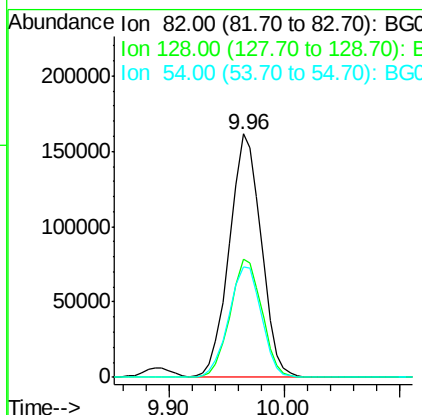
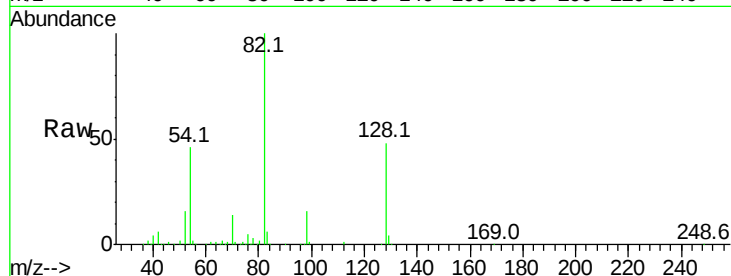




#23
 Nitrobenzene-d5
 Concen: 104.595 ng
 RT: 9.96 min Scan# 1136
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

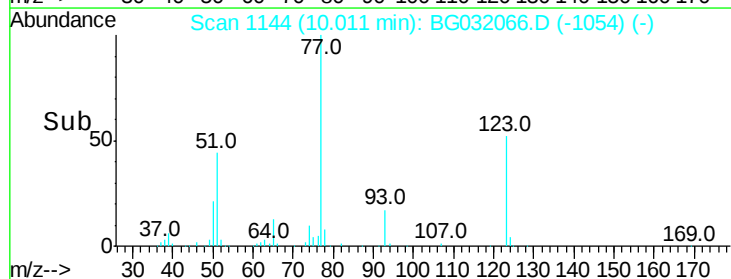
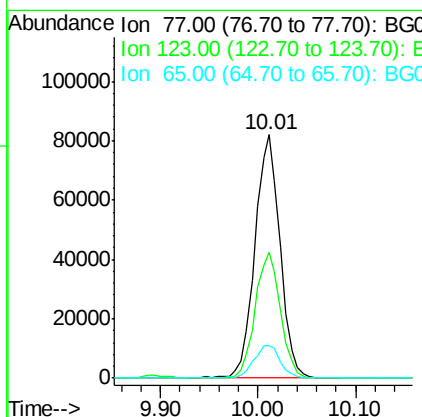
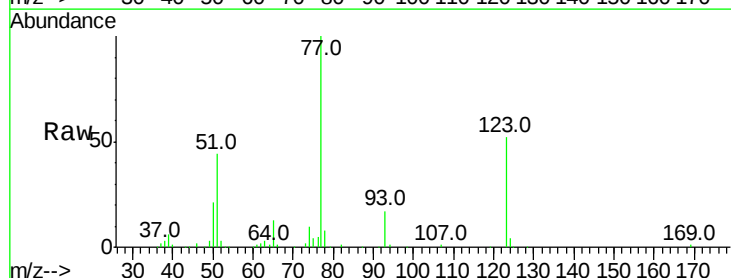
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 308087
 Ion Ratio Lower Upper
 82 100
 128 48.4 29.7 44.5#
 54 45.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 50.649 ng
 RT: 10.01 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion: 77 Resp: 148813
 Ion Ratio Lower Upper
 77 100
 123 51.8 33.0 49.6#
 65 13.4 13.0 19.6





#25

Isophorone

Concen: 50.864 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

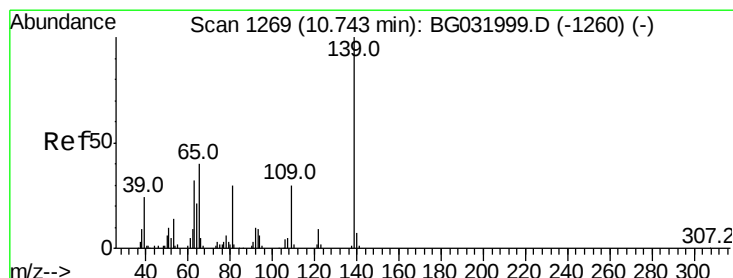
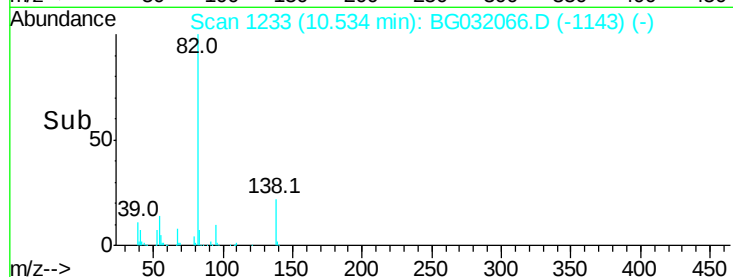
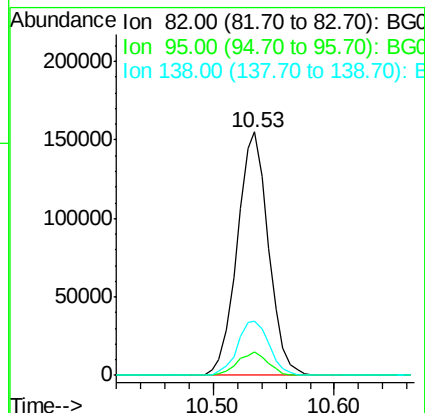
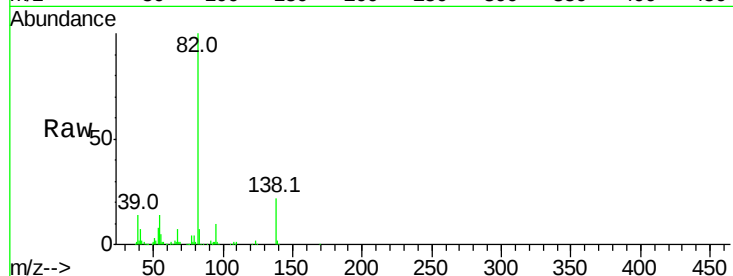
Tot Ion: 82 Resp: 278974

Ion Ratio Lower Upper

82 100

95 9.6 6.2 9.2#

138 22.1 12.1 18.1#



#26

2-Nitrophenol

Concen: 53.063 ng

RT: 10.73 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

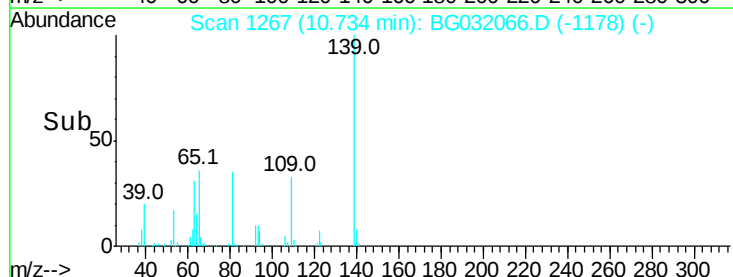
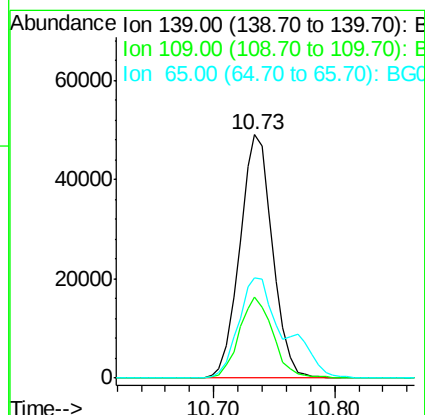
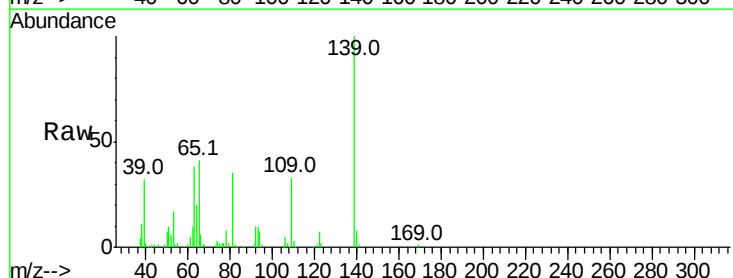
Tgt Ion: 139 Resp: 92379

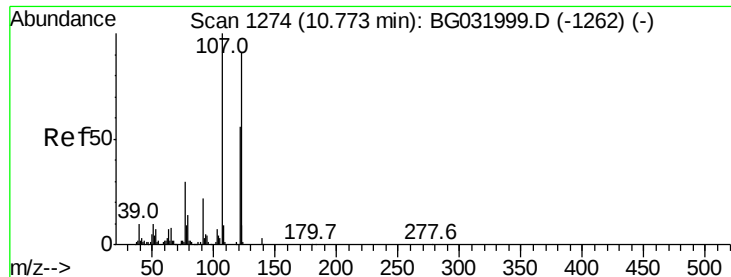
Ion Ratio Lower Upper

139 100

109 33.2 24.2 36.2

65 41.0 47.4 71.0#

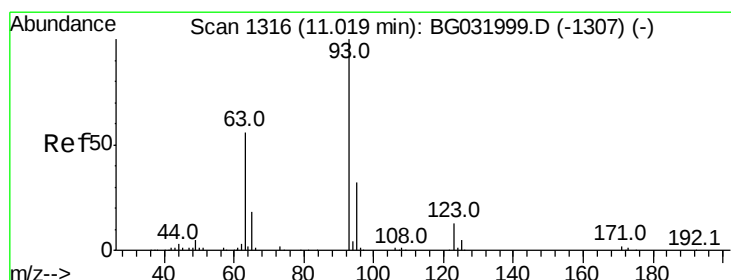
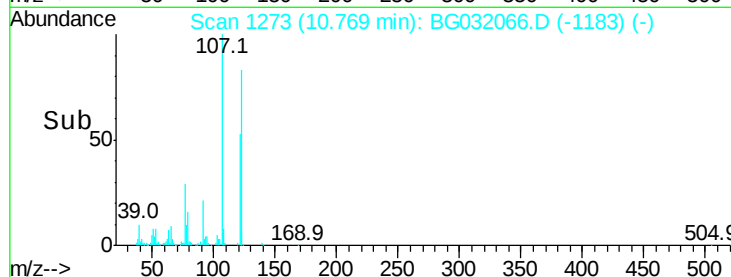
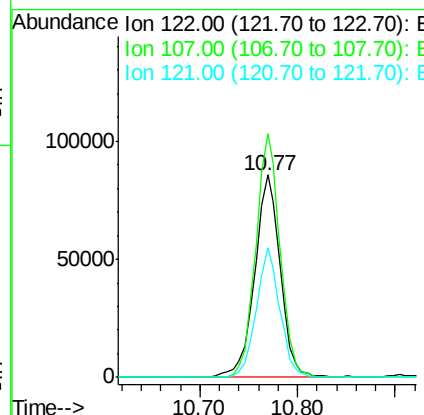
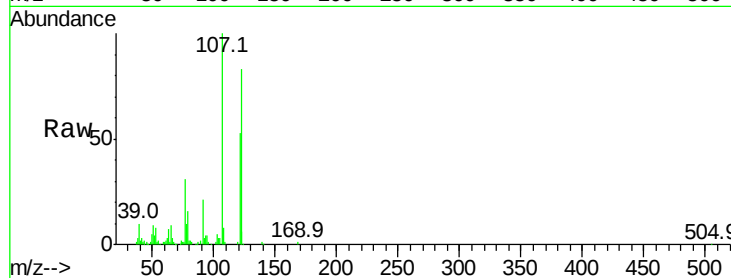




#27
 2,4-Dimethylphenol
 Concen: 57.196 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

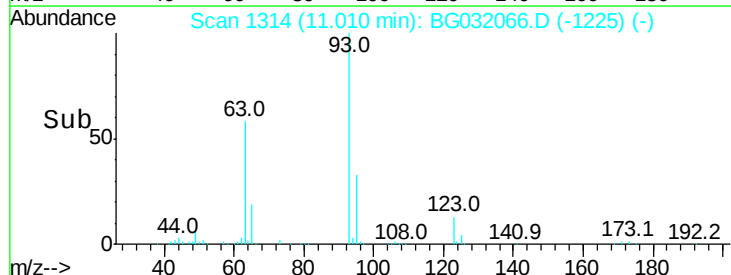
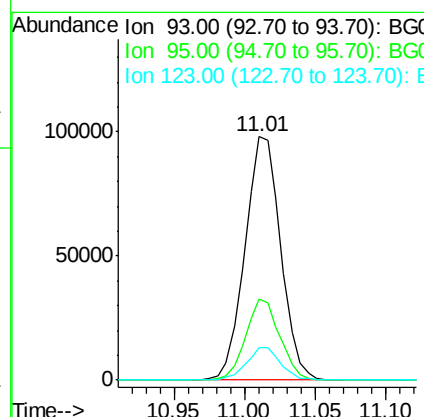
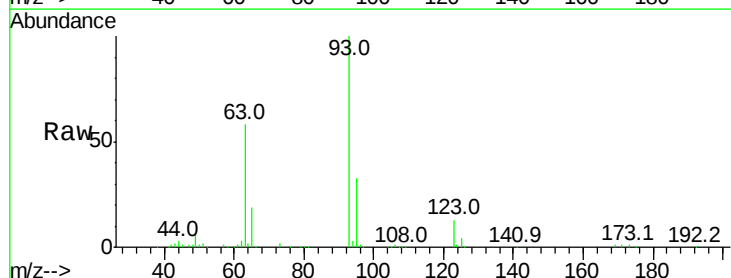
Instrument :
 BNA_G
 ClientSampleId :

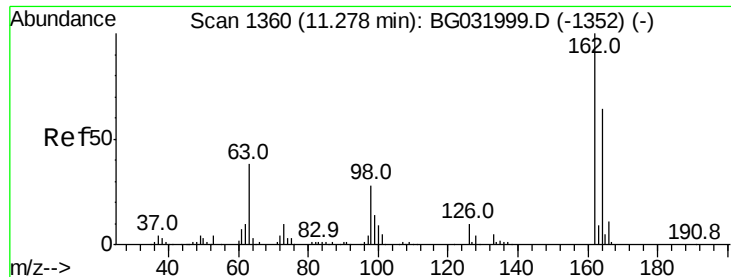
Tot Ion:122 Resp: 158014
 Ion Ratio Lower Upper
 122 100
 107 120.2 100.2 150.2
 121 63.8 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 52.576 ng
 RT: 11.01 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion: 93 Resp: 173739
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.3 36.5
 123 13.4 8.4 12.6#





#29

2,4-Dichlorophenol

Concen: 55.793 ng

RT: 11.27 min Scan# 1359

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampled :

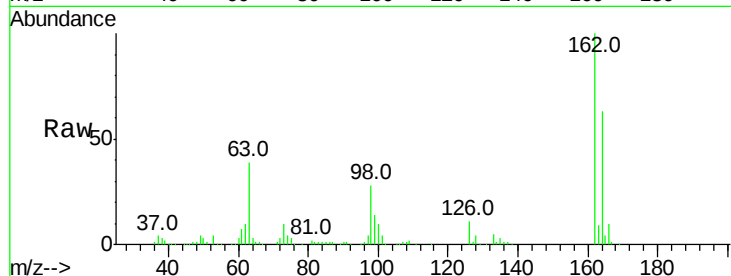
Tot Ion:162 Resp: 189663

Ion Ratio Lower Upper

162 100

164 63.5 48.0 88.0

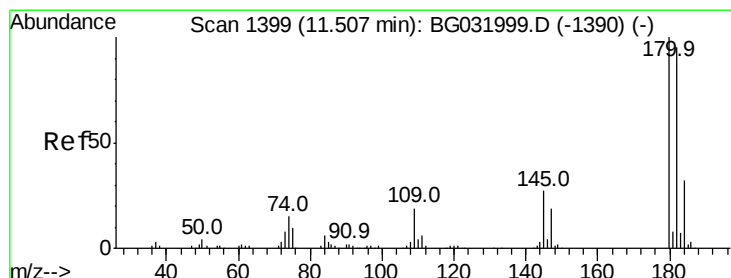
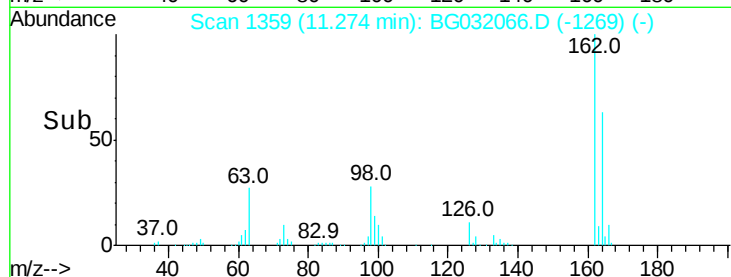
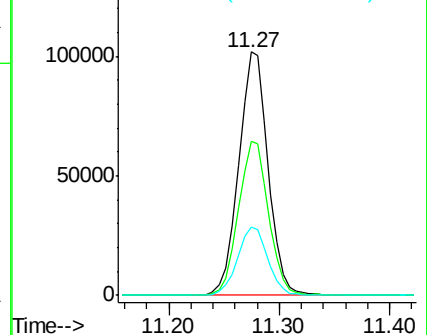
98 28.1 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 47.117 ng

RT: 11.50 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

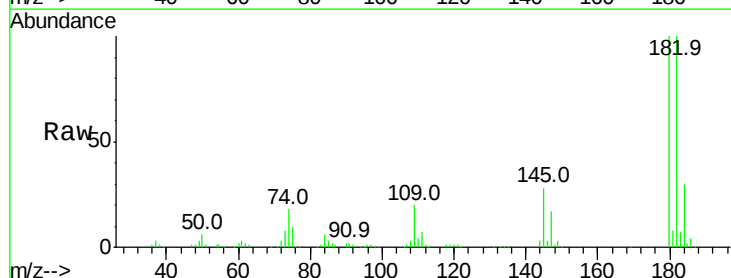
Tgt Ion:180 Resp: 206853

Ion Ratio Lower Upper

180 100

182 100.4 77.5 116.3

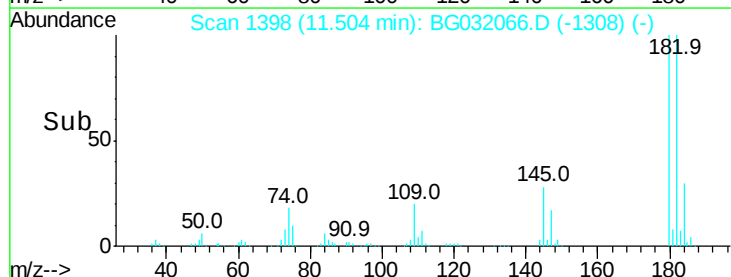
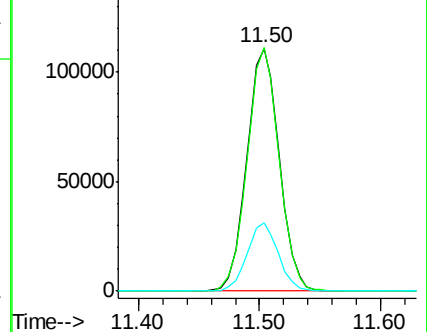
145 28.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

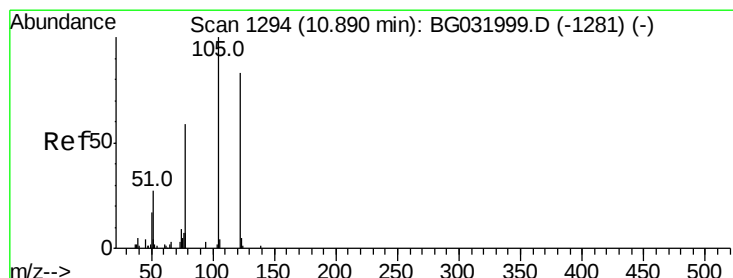
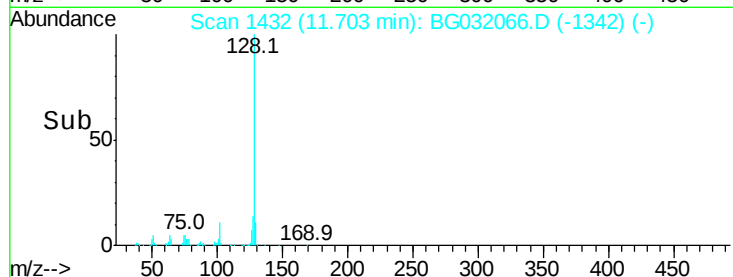
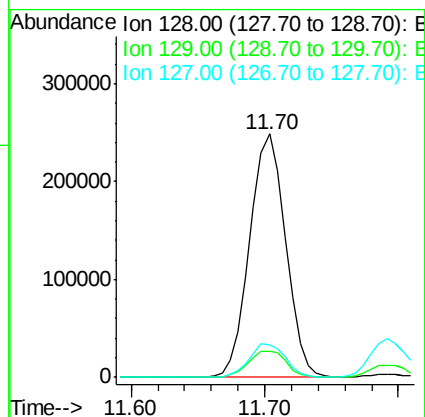
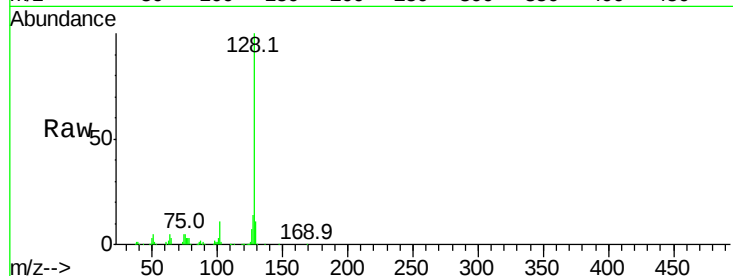




#31
Naphthalene
Concen: 46.934 ng
RT: 11.70 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

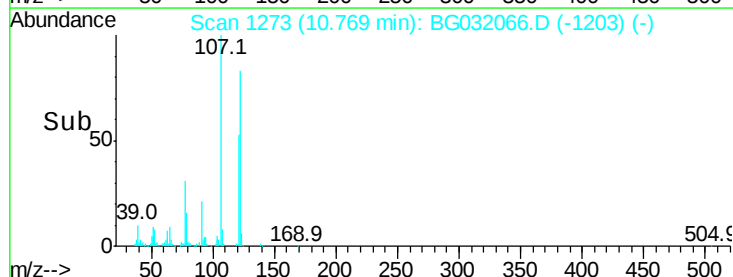
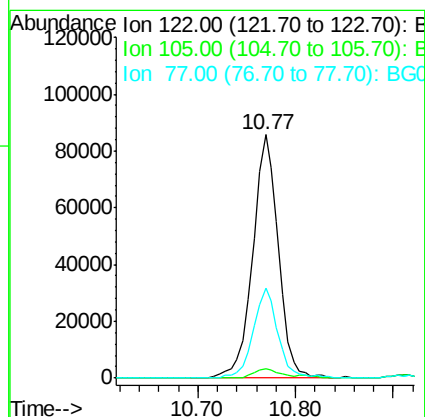
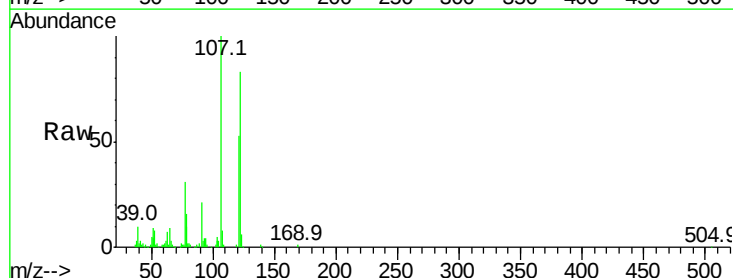
Instrument :
BNA_G
ClientSampleId :

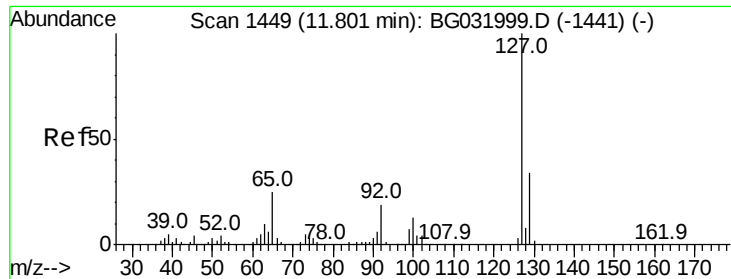
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.6	12.8
127	13.6	11.6	17.4



#32
Benzoic acid
Concen: 68.748 ng
RT: 10.77 min Scan# 1273
Delta R.T. -0.12 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	3.7	123.5	163.5#
77	37.1	85.7	125.7#

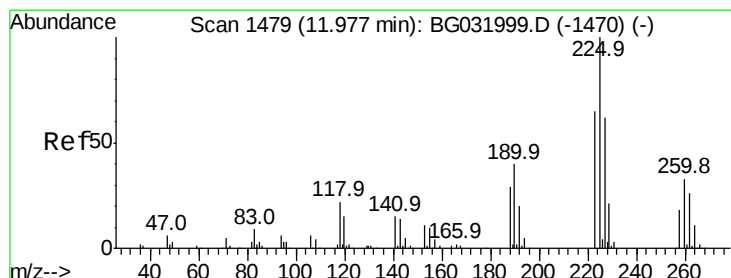
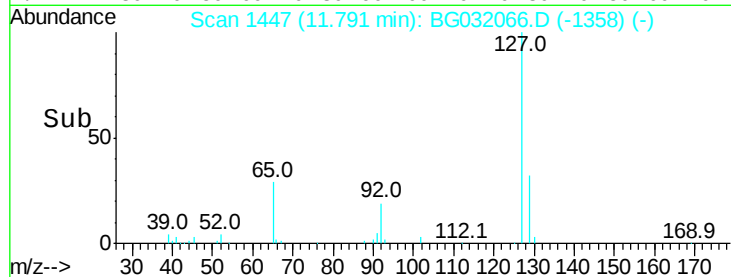
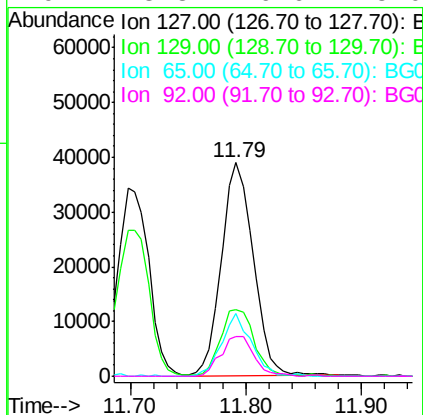
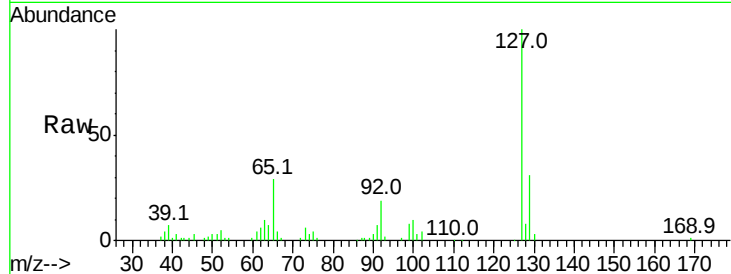




#33
 4-Chloroaniline
 Concen: 17.651 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

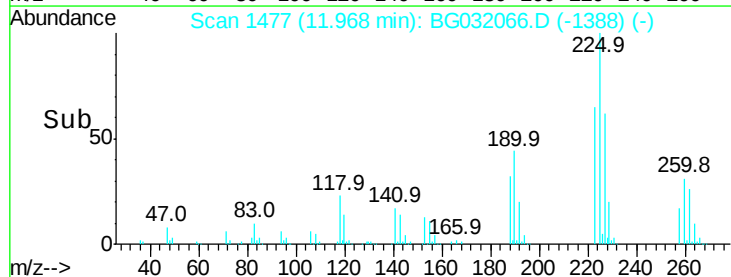
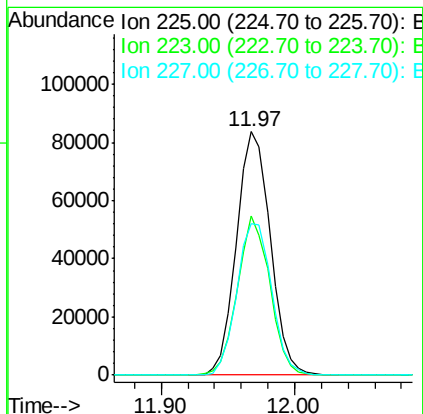
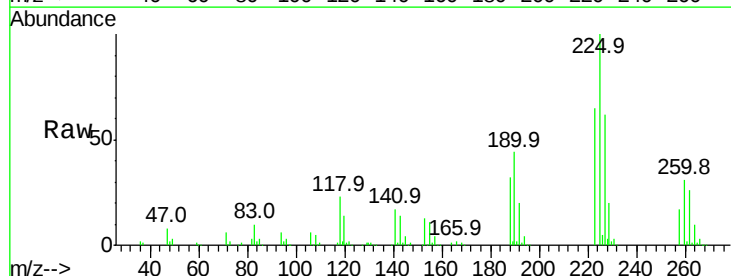
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:127 Resp: 74722
 Ion Ratio Lower Upper
 127 100
 129 31.3 24.0 36.0
 65 29.4 27.0 40.4
 92 18.8 16.6 25.0



#34
 Hexachlorobutadiene
 Concen: 46.619 ng
 RT: 11.97 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:225 Resp: 147001
 Ion Ratio Lower Upper
 225 100
 223 65.1 49.7 74.5
 227 62.1 48.1 72.1





#35

Caprolactam

Concen: 57.355 ng

RT: 12.54 min Scan# 1575

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

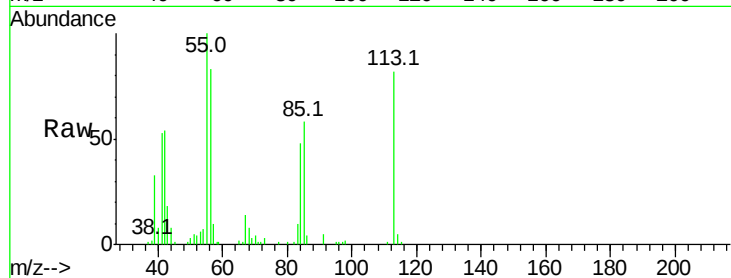
Tot Ion:113 Resp: 59150

Ion Ratio Lower Upper

113 100

55 121.4 186.9 226.9#

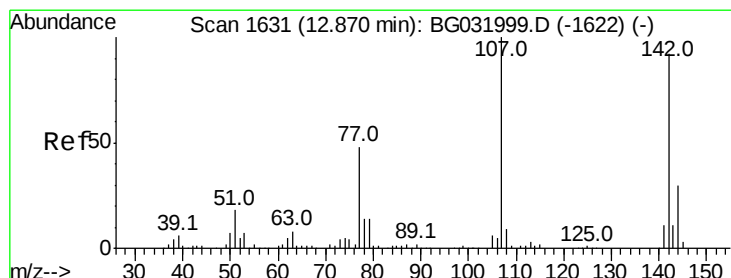
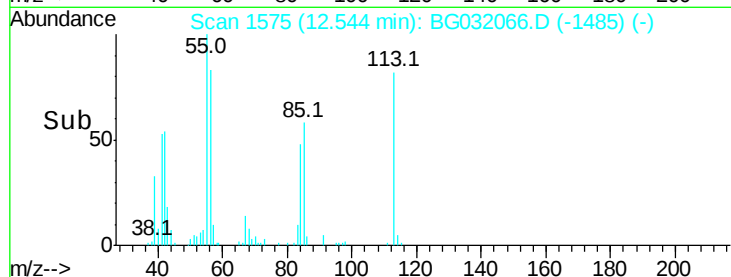
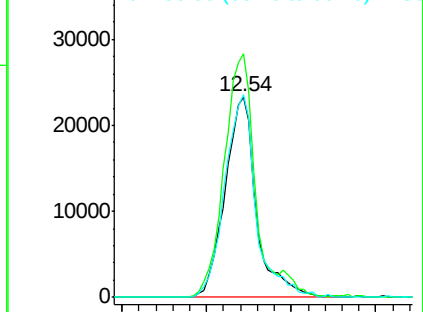
56 101.0 130.9 170.9#



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: 57.321 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

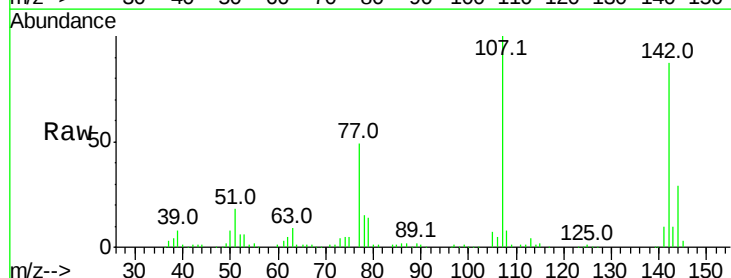
Tgt Ion:107 Resp: 178356

Ion Ratio Lower Upper

107 100

144 29.3 18.2 27.4#

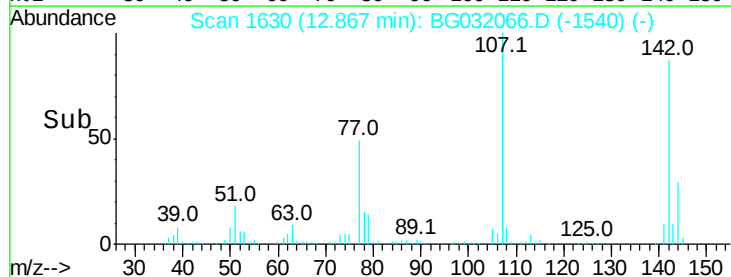
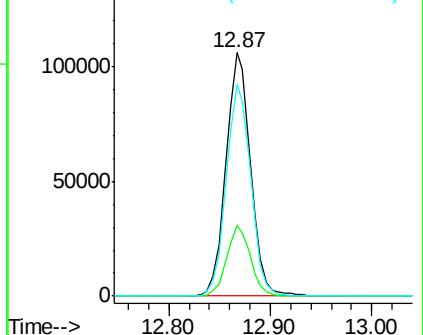
142 86.8 59.0 88.4

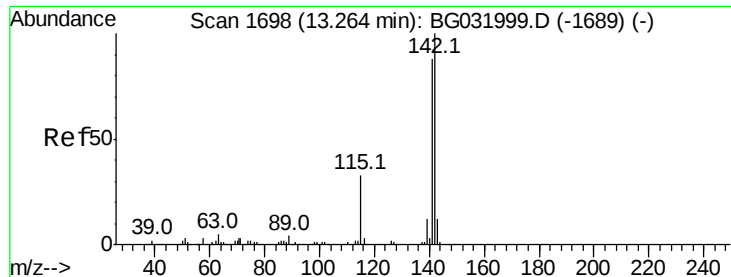


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 48.541 ng

RT: 13.26 min Scan# 1697

Delta R.T. -0.00 min

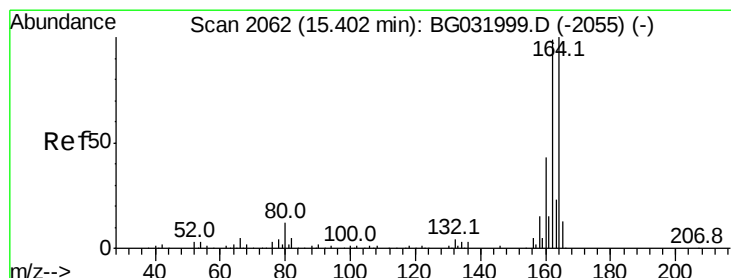
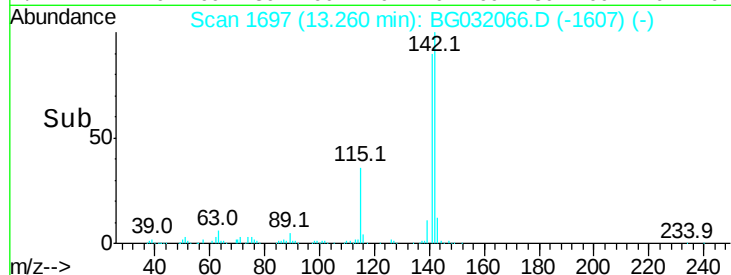
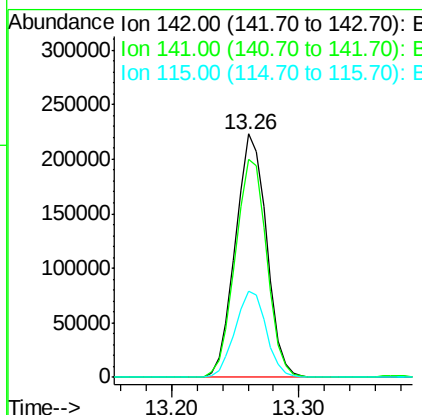
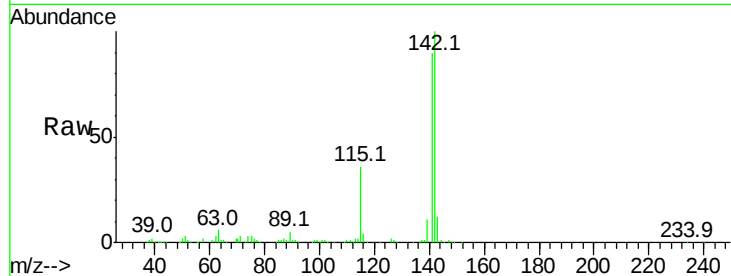
Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 380439

Ion	Ratio	Lower	Upper
142	100		
141	89.8	67.1	100.7
115	35.6	30.7	46.1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

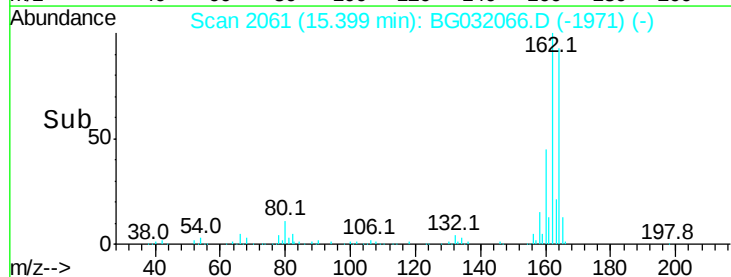
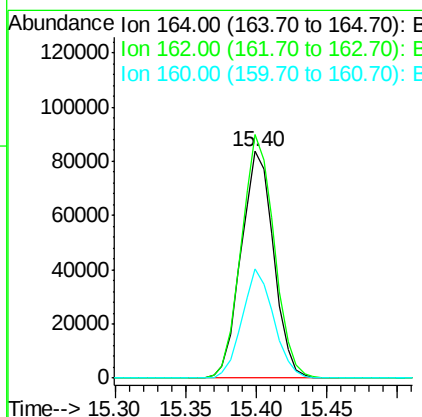
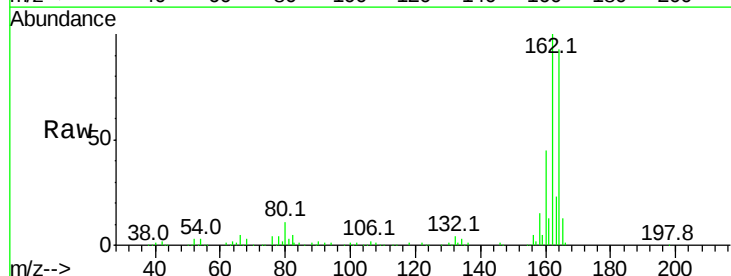
Delta R.T. -0.00 min

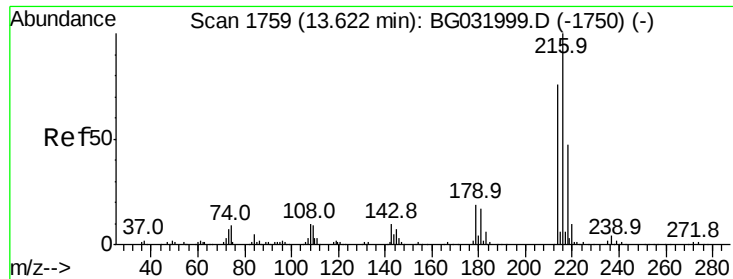
Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Tgt Ion:164 Resp: 134633

Ion	Ratio	Lower	Upper
164	100		
162	107.4	78.8	118.2
160	48.2	35.4	53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.983 ng

RT: 13.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG032066.D

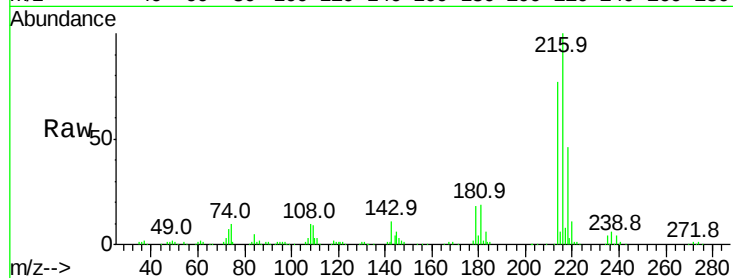
Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampled :

Tot Ion:	216	Resp:	287466
Ion	Ratio	Lower	Upper
216	100		
214	77.1	63.0	94.4
179	18.3	17.0	25.6
108	12.1	12.8	19.2#

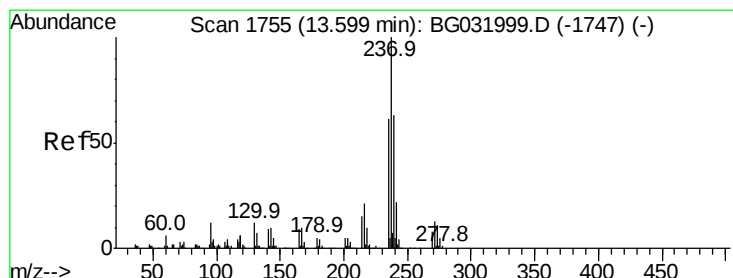
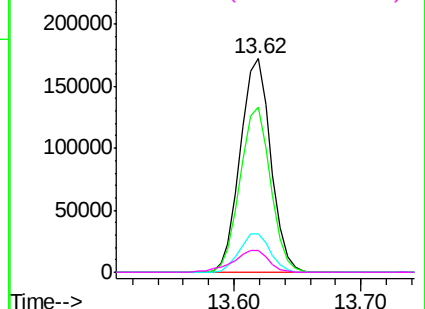
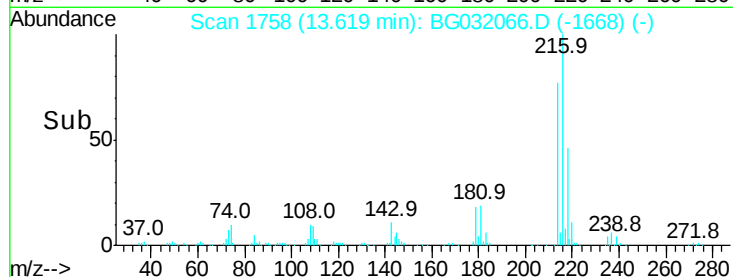


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 99.411 ng

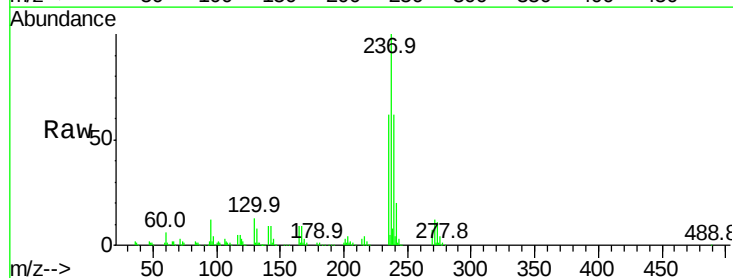
RT: 13.59 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

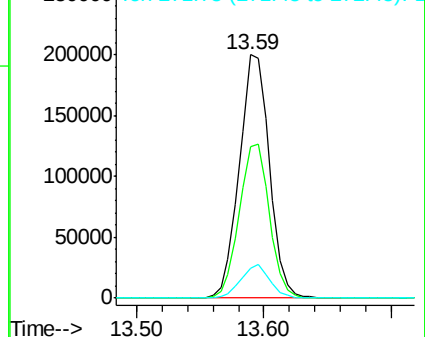
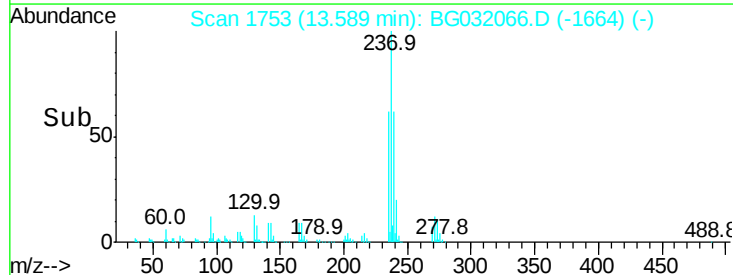
Tgt Ion:	237	Resp:	328595
Ion	Ratio	Lower	Upper
237	100		
235	62.4	50.4	90.4
272	12.4	0.0	31.8

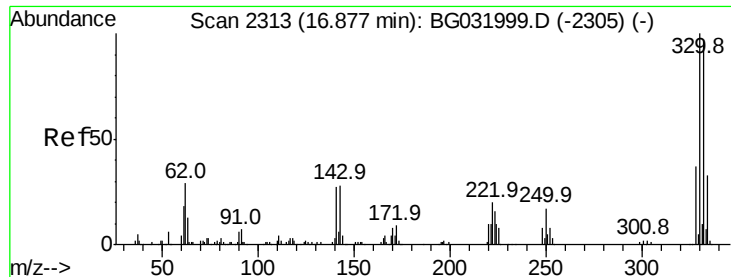


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 163.608 ng

RT: 16.88 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

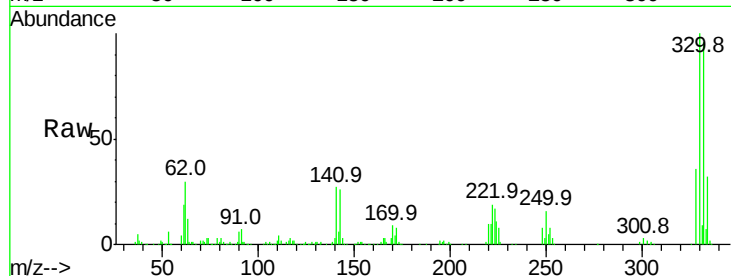
Tot Ion:330 Resp: 364497

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

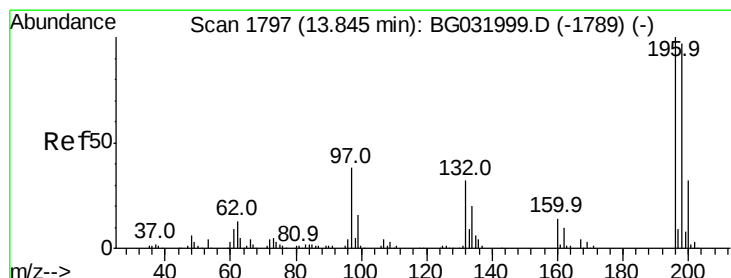
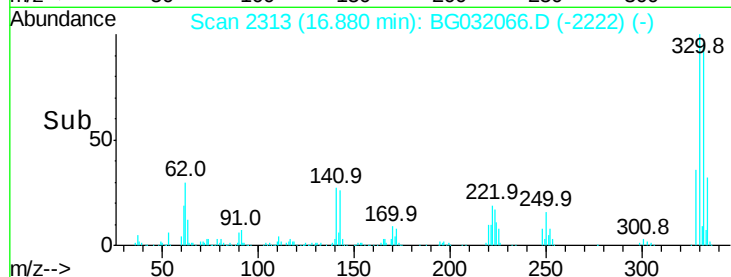
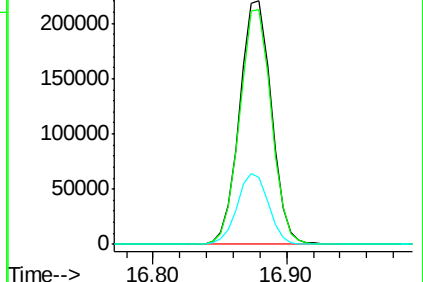
141 28.7 25.2 37.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 55.453 ng

RT: 13.84 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

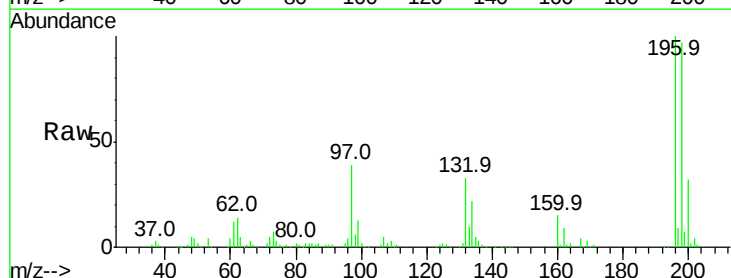
Tgt Ion:196 Resp: 182855

Ion Ratio Lower Upper

196 100

198 96.8 78.2 117.2

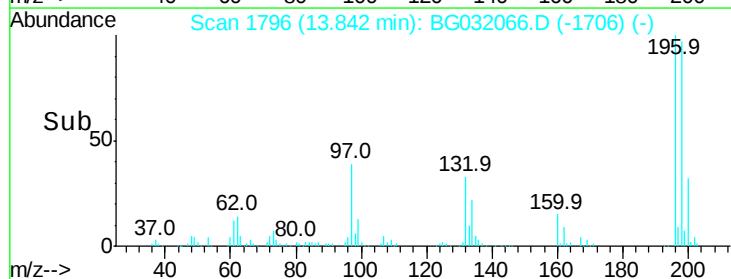
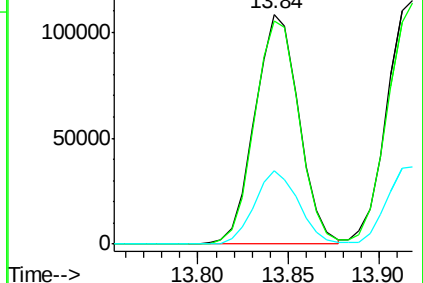
200 32.0 24.6 36.8

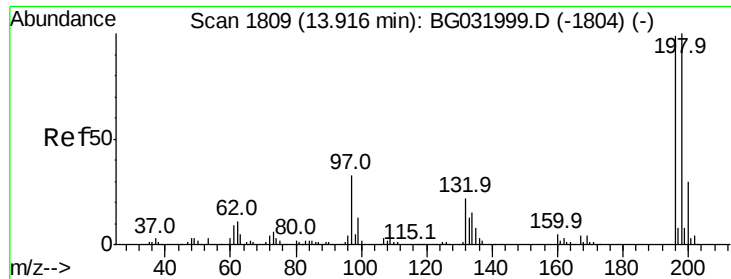


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

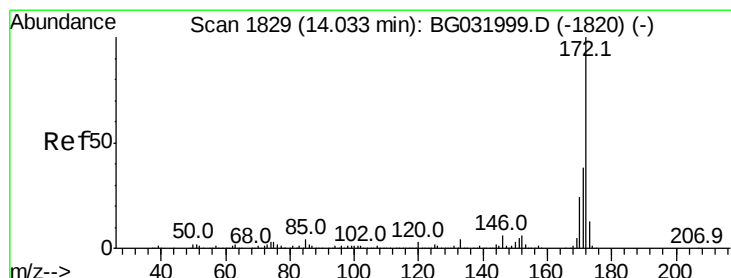
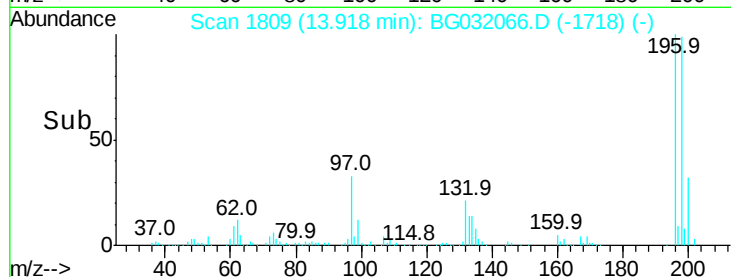
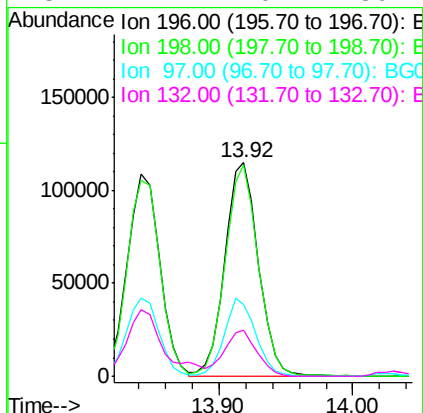
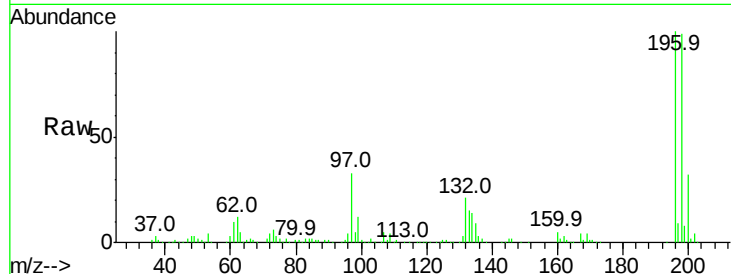




#43
 2,4,5-Trichlorophenol
 Concen: 52.844 ng
 RT: 13.92 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

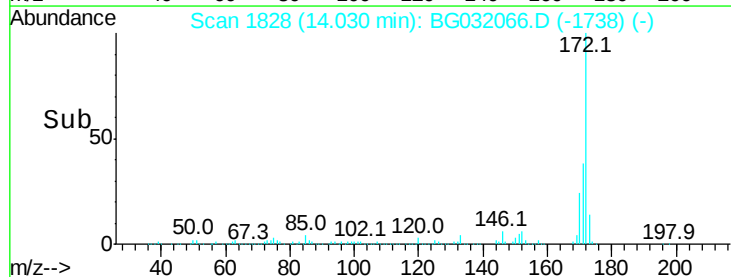
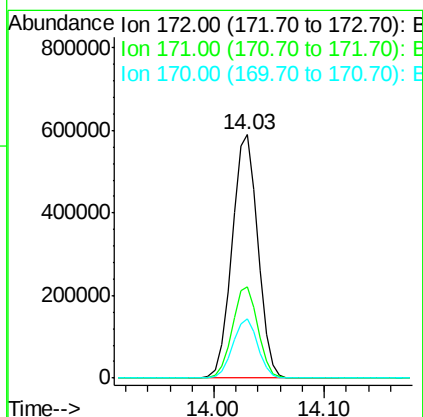
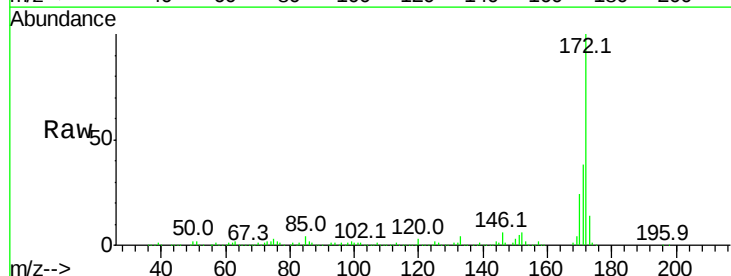
Instrument :
 BNA_G
 ClientSampleId :

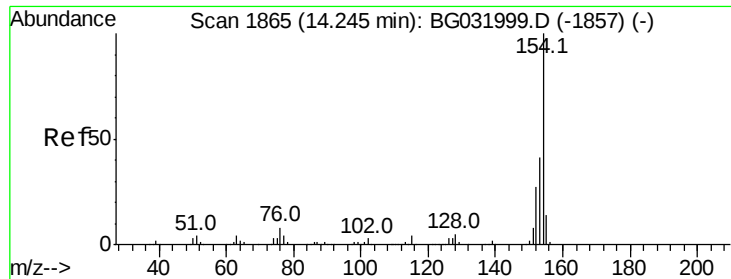
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.9	76.2	114.4
97	33.5	38.7	58.1
132	21.4	20.2	30.2



#44
 2-Fluorobiphenyl
 Concen: 88.883 ng
 RT: 14.03 min Scan# 1828
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	24.3	19.5	29.3

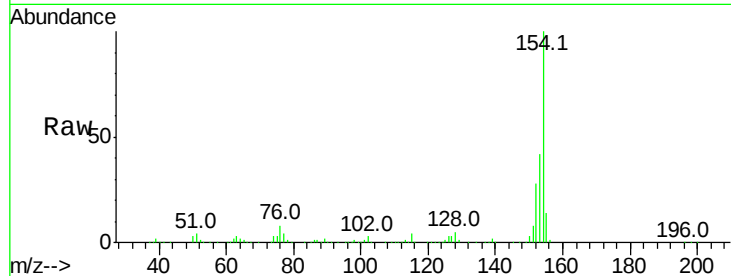




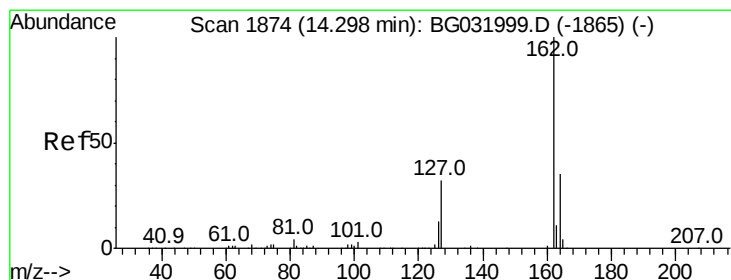
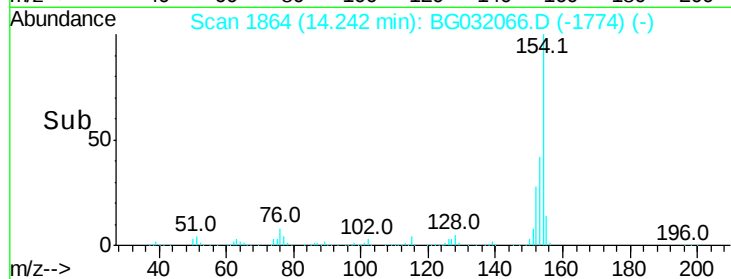
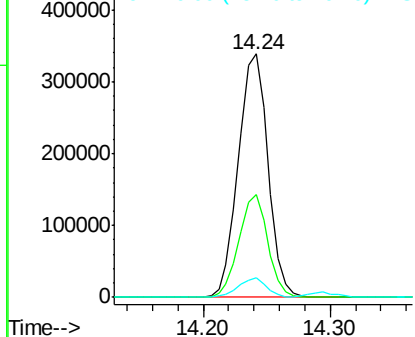
#45
 1,1'-Biphenyl
 Concen: 47.741 ng
 RT: 14.24 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:154 Resp: 551019
 Ion Ratio Lower Upper
 154 100
 153 42.5 19.8 59.8
 76 7.9 0.0 31.9

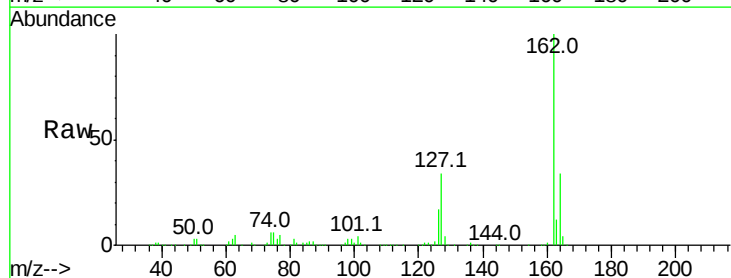


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

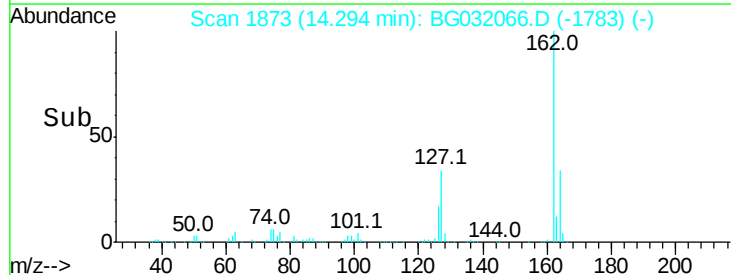
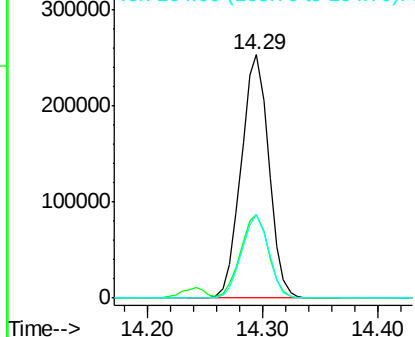


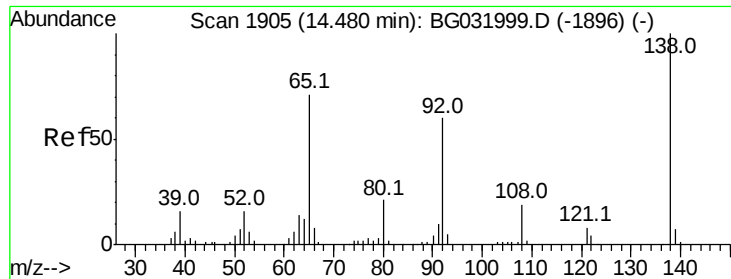
#46
 2-Chloronaphthalene
 Concen: 46.806 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:162 Resp: 420263
 Ion Ratio Lower Upper
 162 100
 127 34.2 30.7 46.1
 164 34.4 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

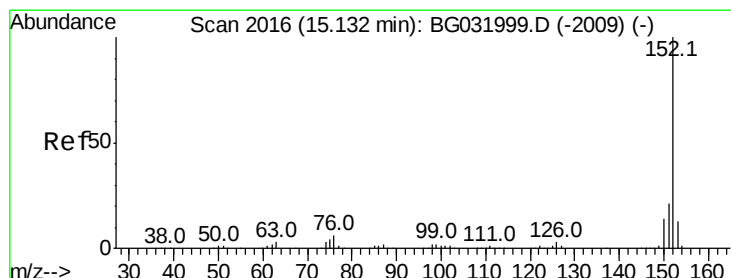
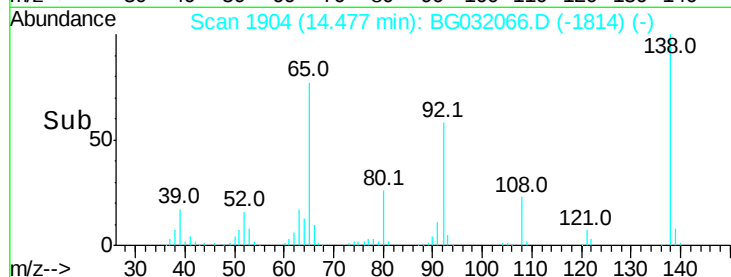
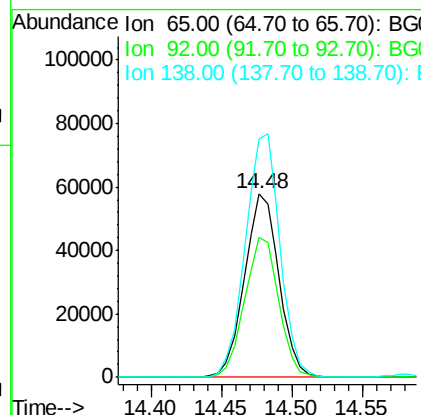
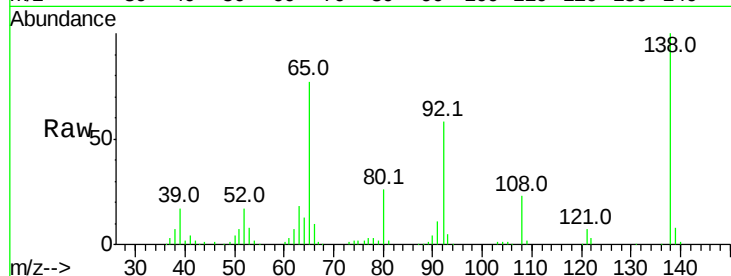




#47
 2-Nitroaniline
 Concen: 57.487 ng
 RT: 14.48 min Scan# 1904
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

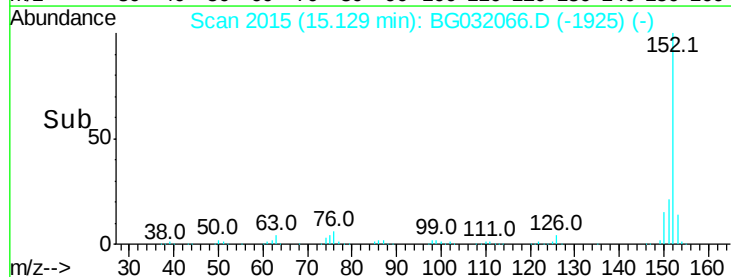
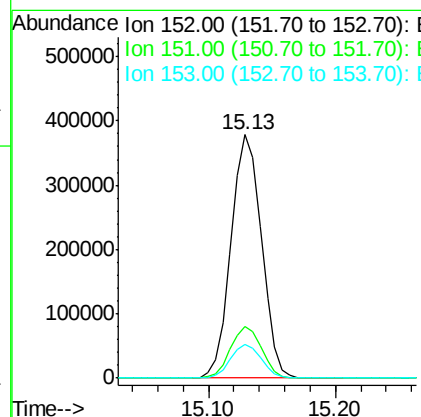
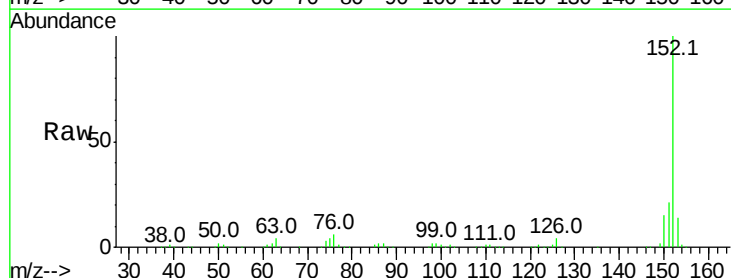
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 65 Resp: 98813
 Ion Ratio Lower Upper
 65 100
 92 75.9 54.6 82.0
 138 129.9 72.9 109.3#



#48
 Acenaphthylene
 Concen: 45.961 ng
 RT: 15.13 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion: 152 Resp: 628411
 Ion Ratio Lower Upper
 152 100
 151 21.2 17.2 25.8
 153 13.8 10.2 15.4

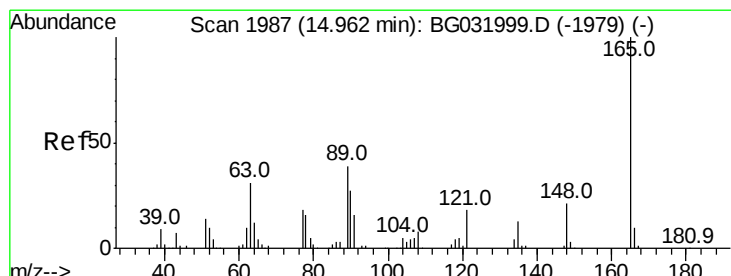
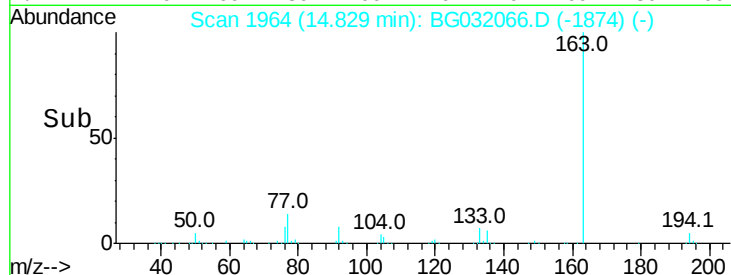
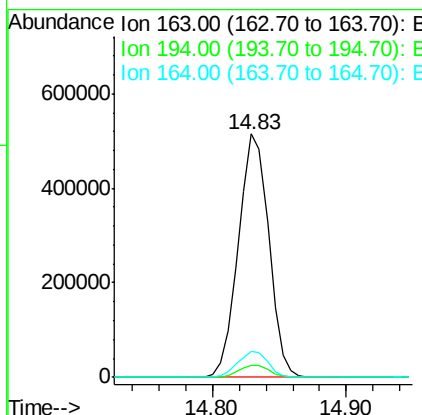
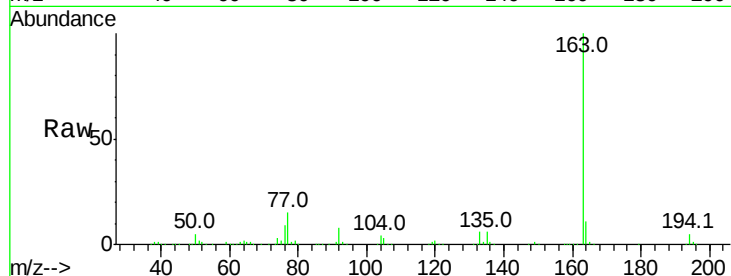




#49
Dimethylphthalate
Concen: 68.863 ng
RT: 14.83 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

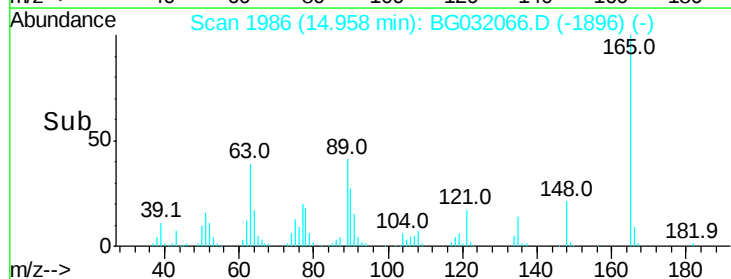
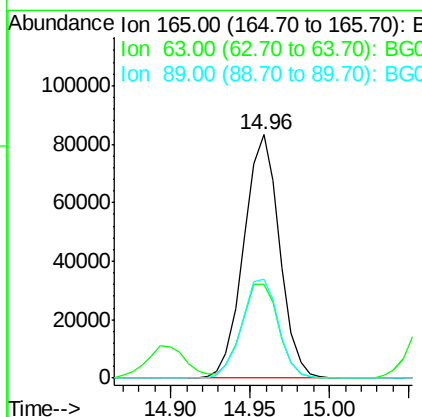
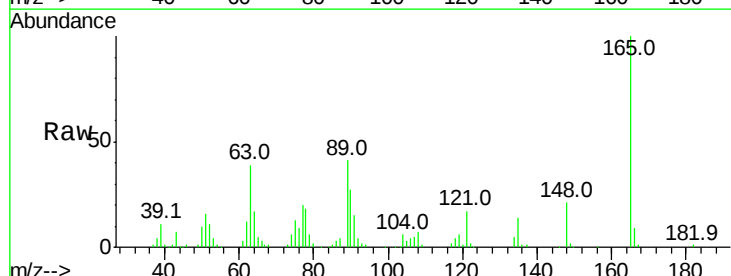
Instrument :
BNA_G
ClientSampleId :

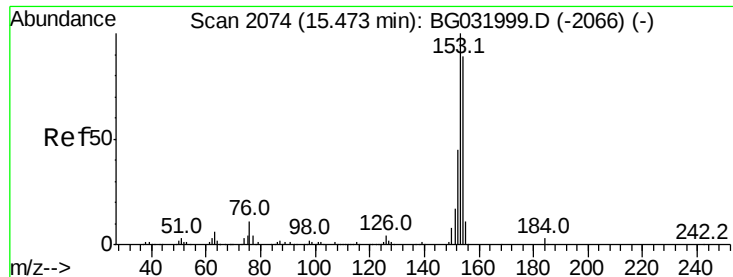
Tot Ion:163 Resp: 811308
Ion Ratio Lower Upper
163 100
194 5.1 3.4 5.2
164 10.9 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 53.144 ng
RT: 14.96 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion:165 Resp: 129959
Ion Ratio Lower Upper
165 100
63 38.6 52.7 79.1#
89 40.5 49.2 73.8#





#51

Acenaphthene

Concen: 47.218 ng

RT: 15.46 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

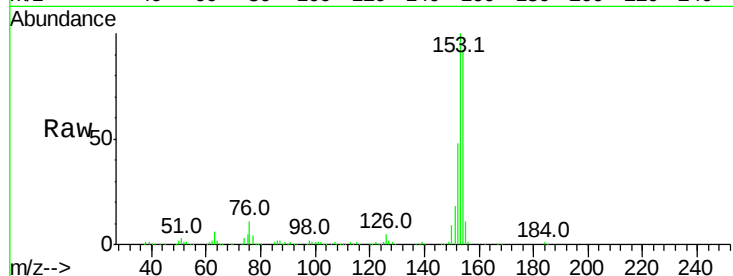
Tot Ion:154 Resp: 426899

Ion Ratio Lower Upper

154 100

153 109.0 90.4 135.6

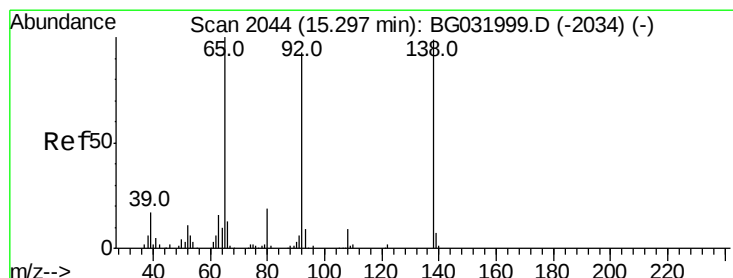
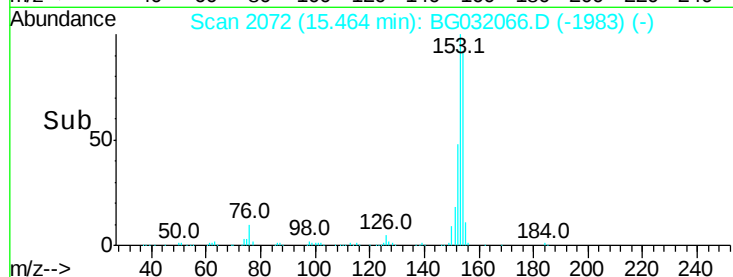
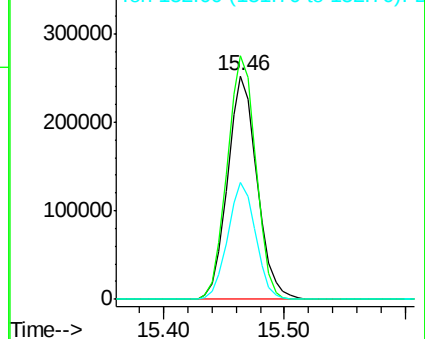
152 52.2 41.6 62.4



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: 27.129 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

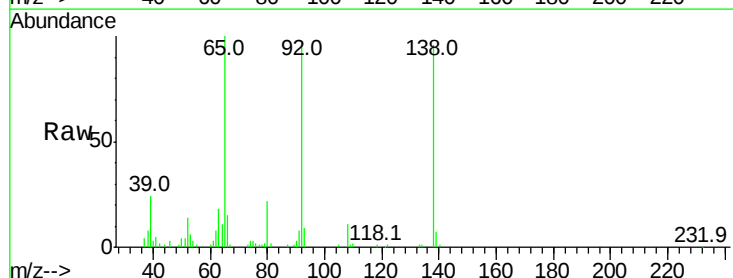
Tgt Ion:138 Resp: 59919

Ion Ratio Lower Upper

138 100

108 11.0 17.5 26.3#

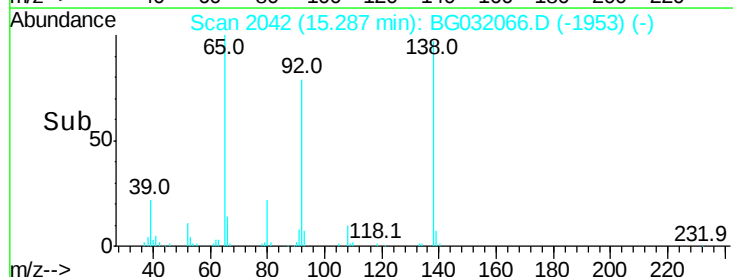
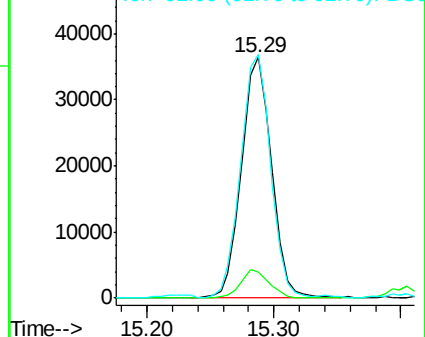
92 101.1 105.8 158.8#

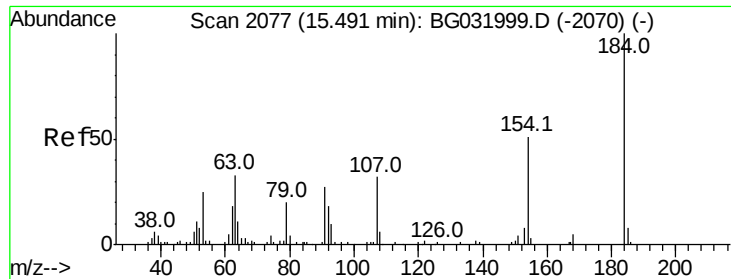


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

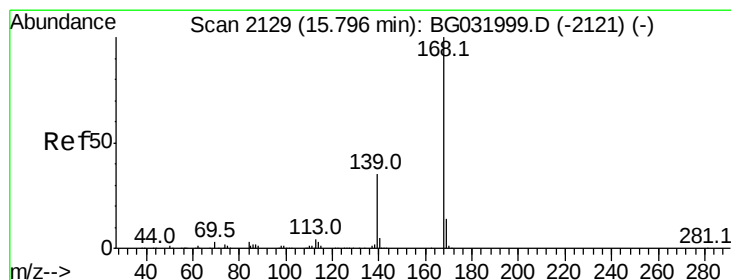
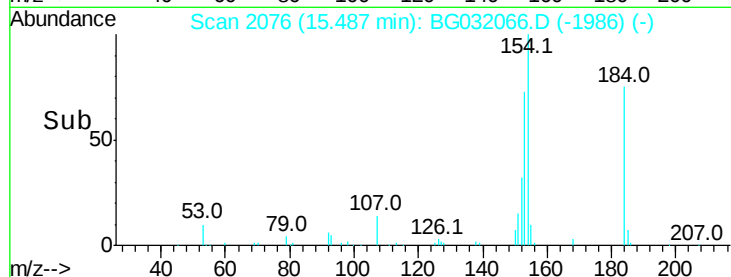
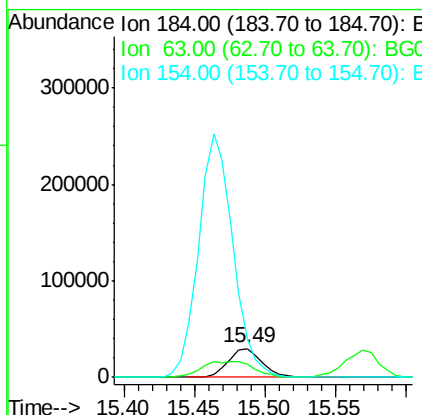
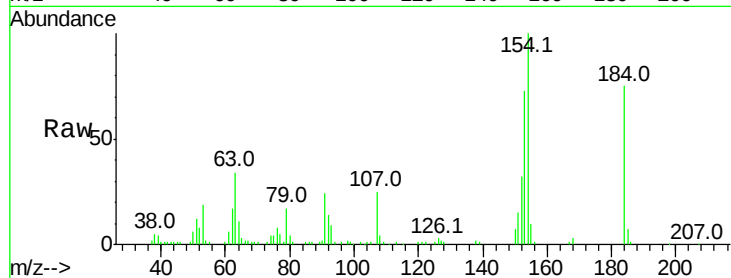




#53
 2,4-Dinitrophenol
 Concen: 44.575 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

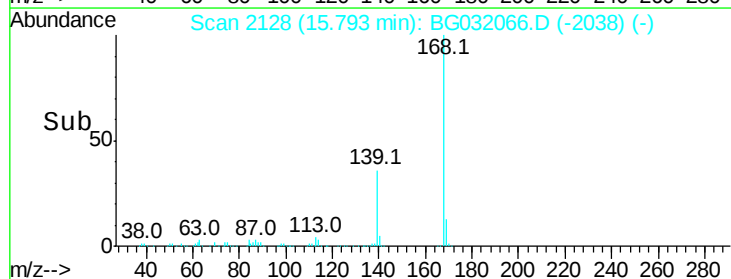
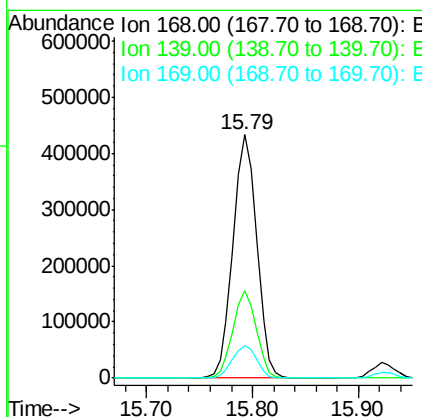
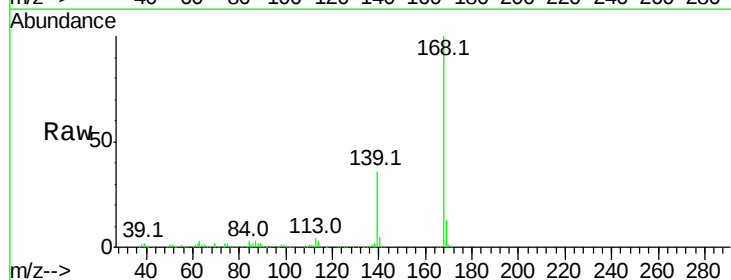
Instrument :
 BNA_G
 ClientSampleId :

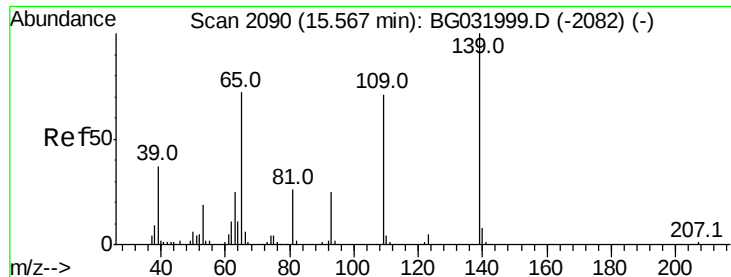
Tot Ion:184 Resp: 50537
 Ion Ratio Lower Upper
 184 100
 63 44.9 59.8 89.8#
 154 133.5 101.8 152.8



#54
 Dibenzofuran
 Concen: 49.722 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:168 Resp: 670598
 Ion Ratio Lower Upper
 168 100
 139 35.9 28.6 43.0
 169 13.3 11.2 16.8

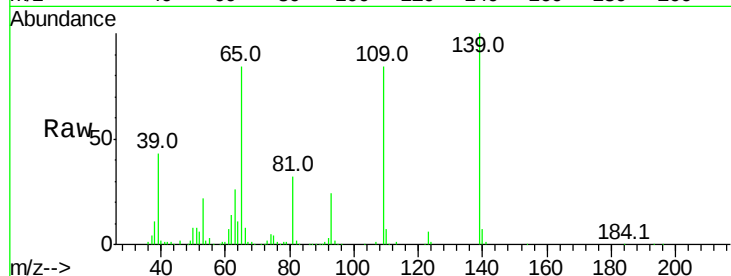




#55
4-Nitrophenol
Concen: 120.028 ng
RT: 15.57 min Scan# 2090
Delta R.T. 0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
139	100		
109	84.4	62.2	102.2
65	84.2	97.2	137.2

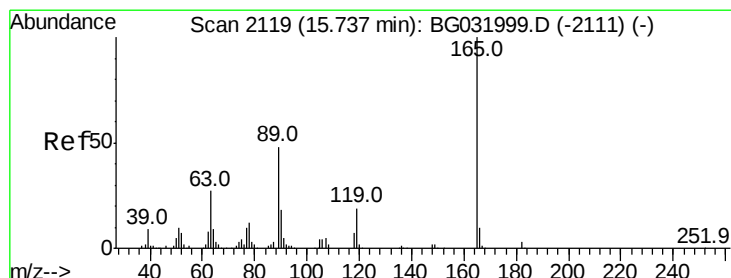
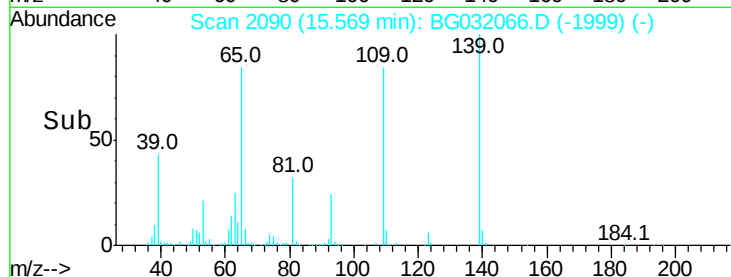
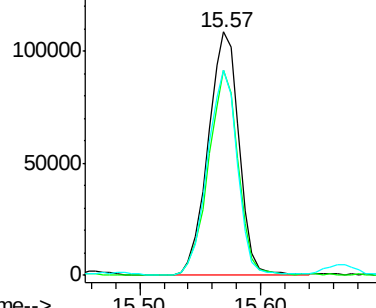


Abundance

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: 56.830 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	29.5	42.0	63.0
89	52.0	66.9	100.3
182	3.5	2.6	3.8

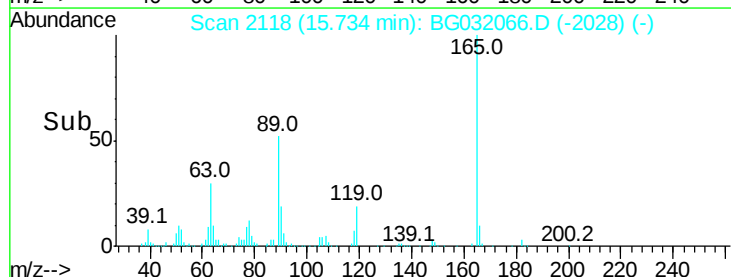
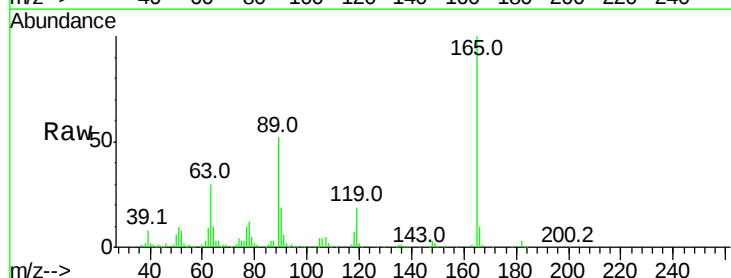
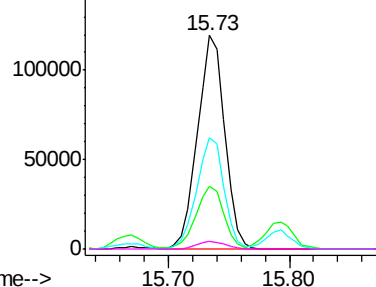
Abundance

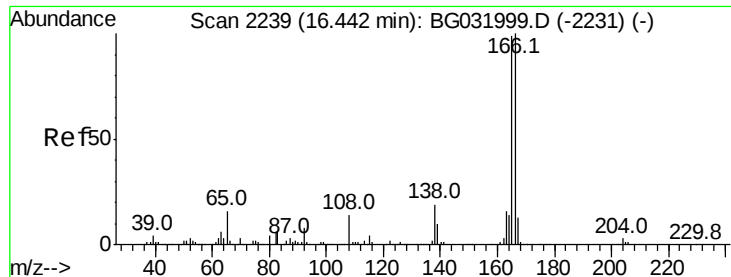
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

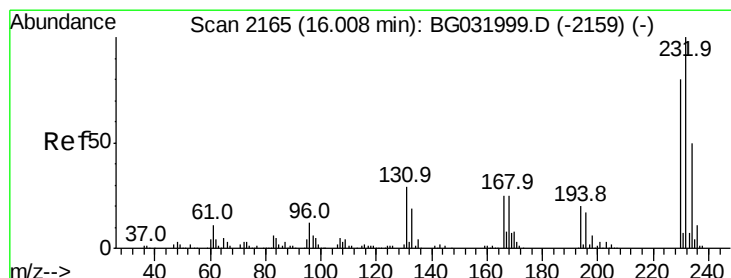
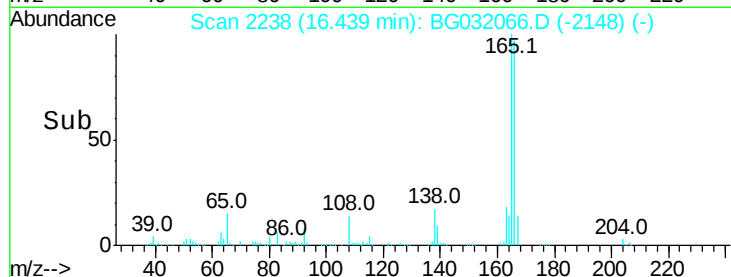
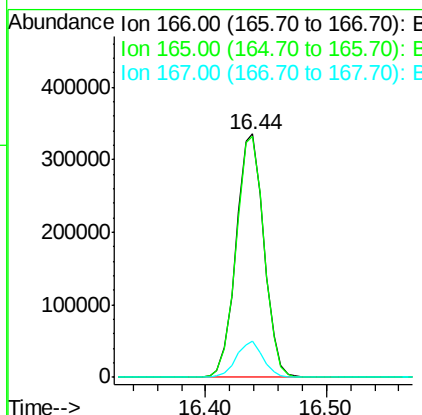
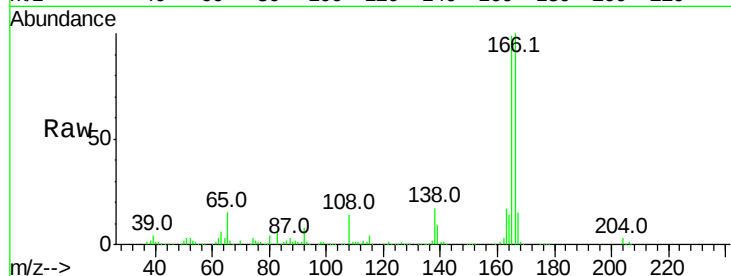




#57
 Fluorene
 Concen: 48.734 ng
 RT: 16.44 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

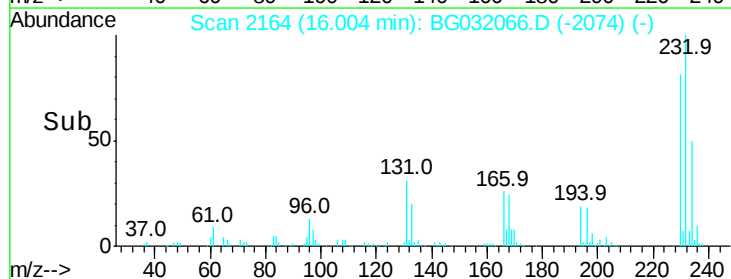
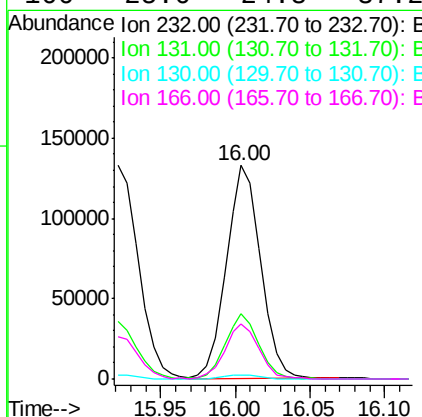
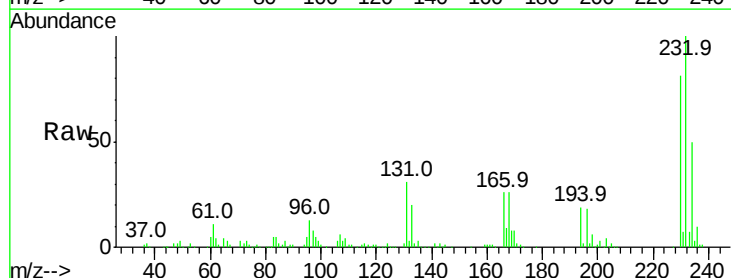
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:166 Resp: 539068
 Ion Ratio Lower Upper
 166 100
 165 99.0 80.6 121.0
 167 14.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 60.174 ng
 RT: 16.00 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:232 Resp: 212465
 Ion Ratio Lower Upper
 232 100
 131 30.2 33.5 50.3#
 130 2.0 2.2 3.2#
 166 25.6 24.8 37.2

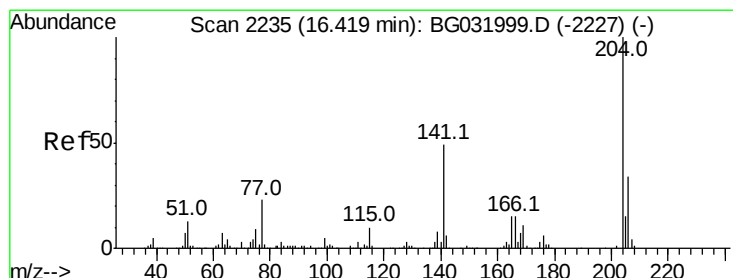
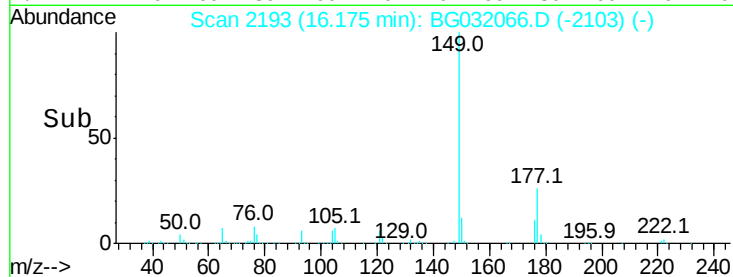
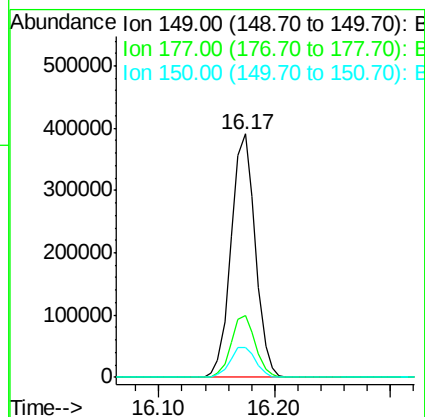
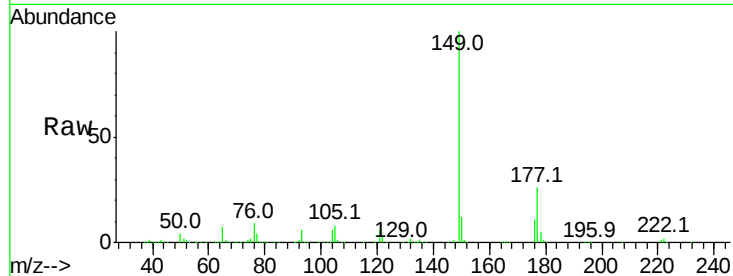




#59
Diethylphthalate
Concen: 49.424 ng
RT: 16.17 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

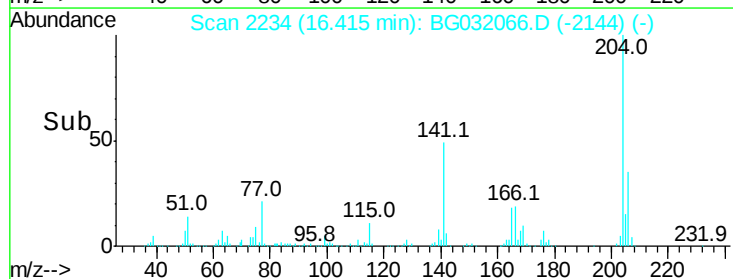
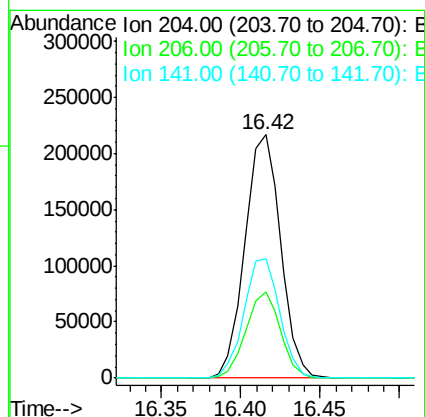
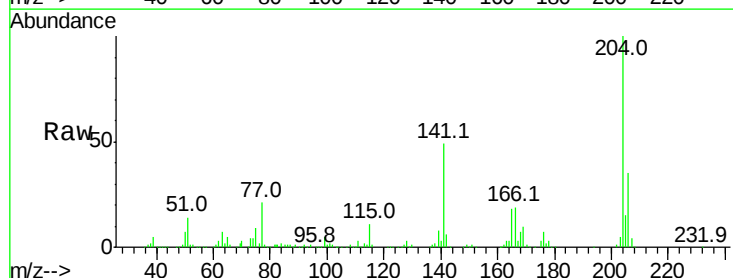
Instrument :
BNA_G
ClientSampled :

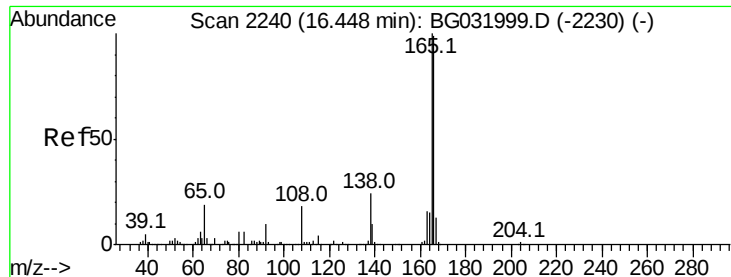
Tot Ion:149 Resp: 564497
Ion Ratio Lower Upper
149 100
177 25.6 18.5 27.7
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 49.967 ng
RT: 16.42 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion:204 Resp: 339049
Ion Ratio Lower Upper
204 100
206 35.3 26.2 39.2
141 49.2 45.8 68.6

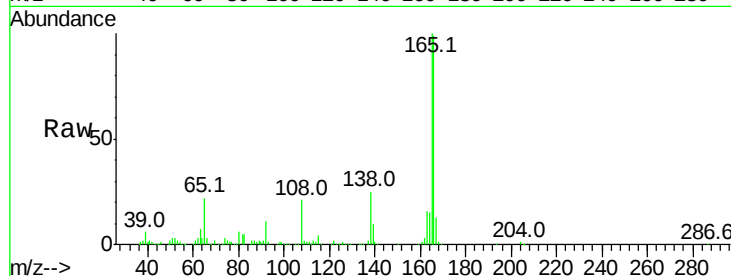




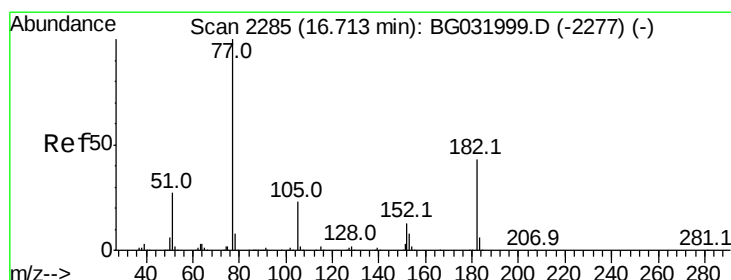
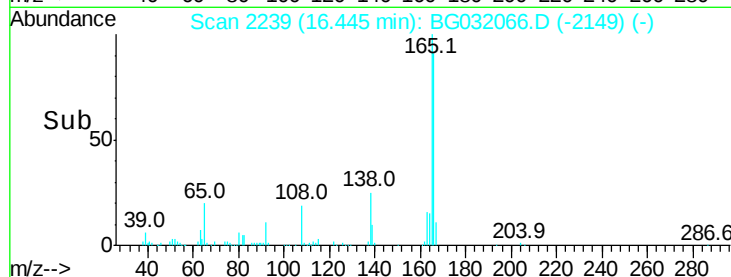
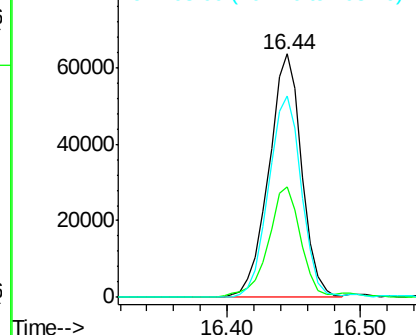
#61
4-Nitroaniline
Concen: 51.400 ng
RT: 16.44 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 108902
Ion Ratio Lower Upper
138 100
92 45.4 40.1 80.1
108 82.5 65.4 105.4

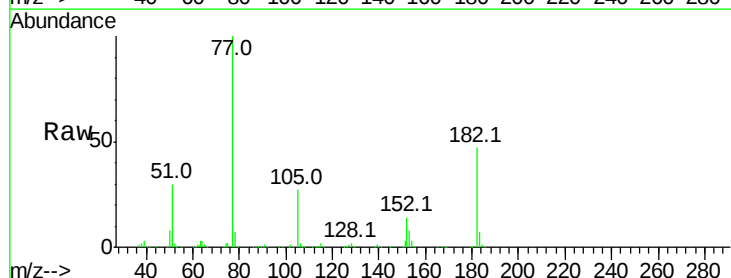


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

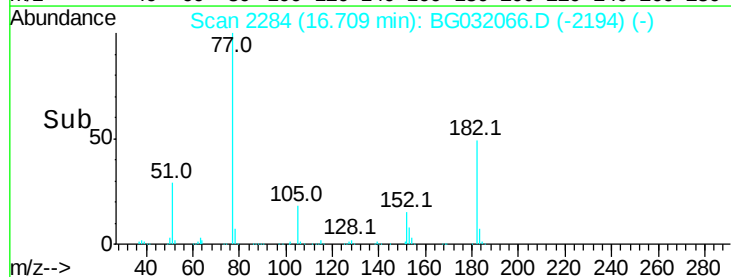
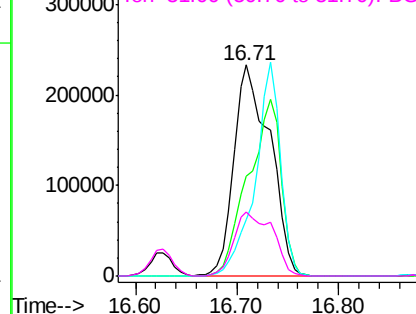


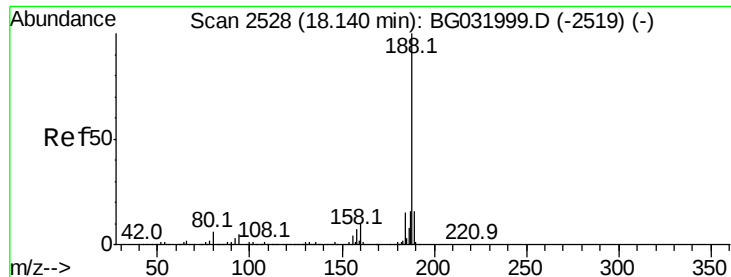
#62
Azobenzene
Concen: 80.062 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.00 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion: 77 Resp: 572351
Ion Ratio Lower Upper
77 100
182 47.2 7.4 47.4
105 26.6 0.3 40.3
51 30.1 11.6 51.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BGC

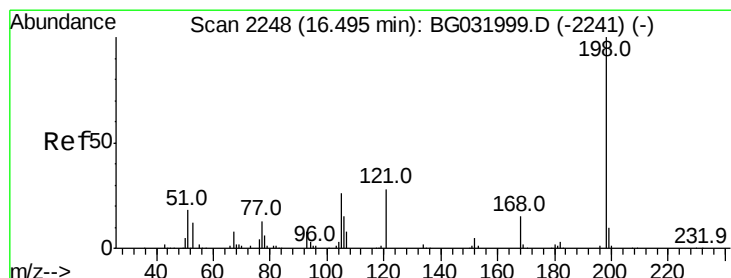
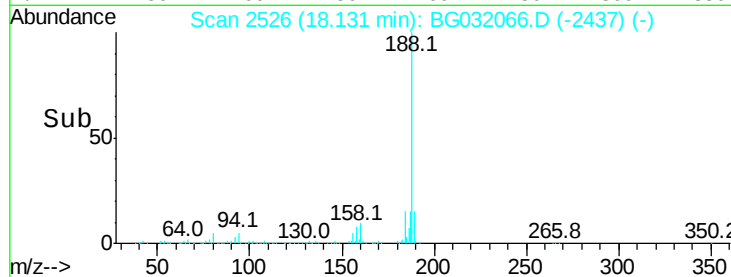
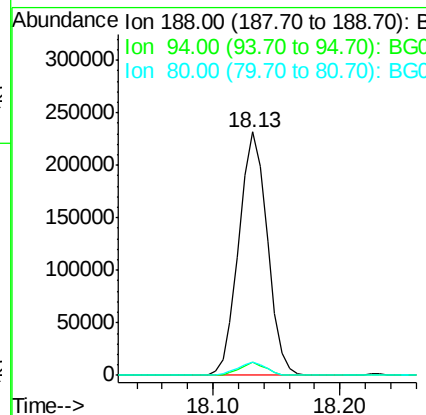
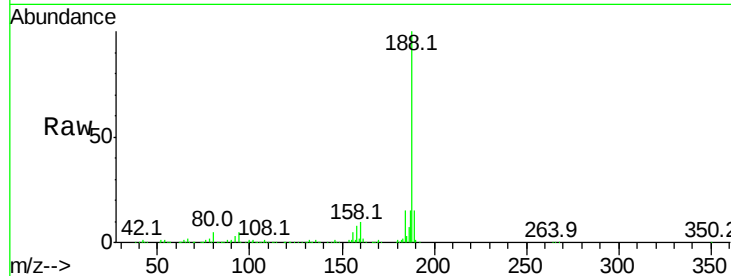




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.13 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

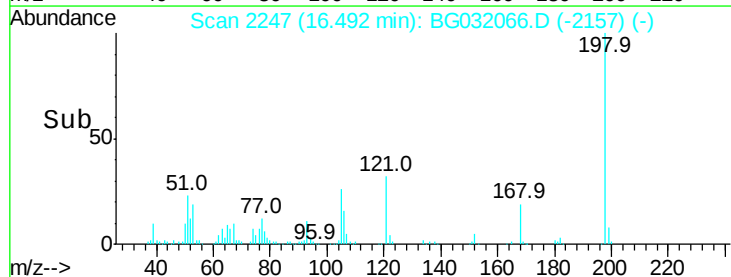
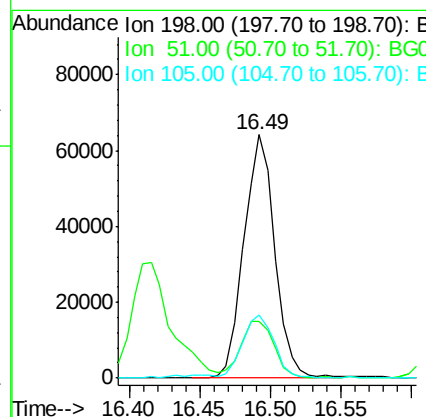
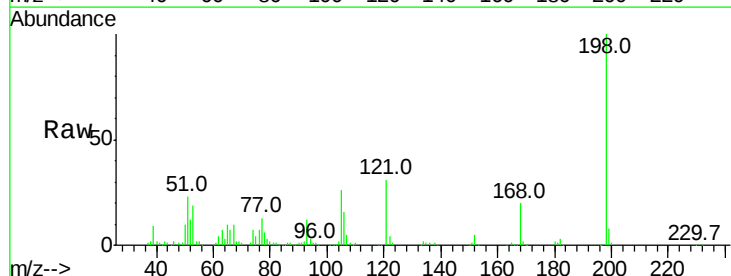
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 360115
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 5.2 7.7 11.5#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 43.135 ng
 RT: 16.49 min Scan# 2247
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:198 Resp: 98155
 Ion Ratio Lower Upper
 198 100
 51 23.2 30.6 70.6#
 105 25.9 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 47.122 ng

RT: 16.63 min Scan# 2270

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

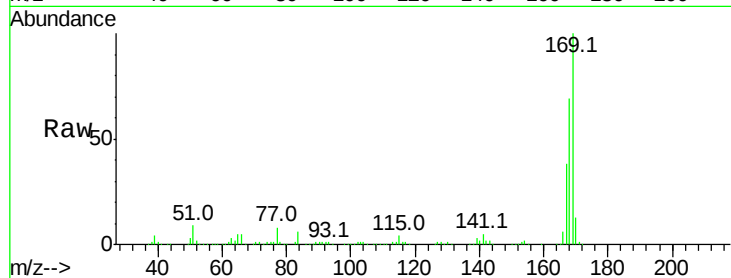
Tot Ion:169 Resp: 514925

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

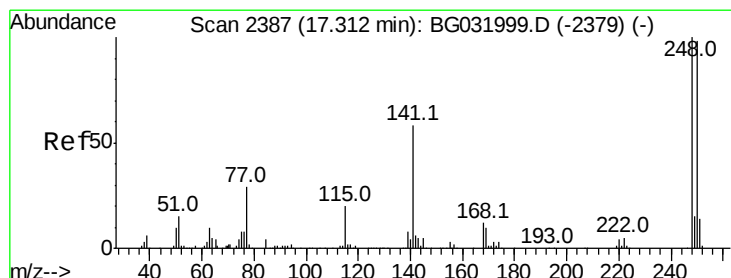
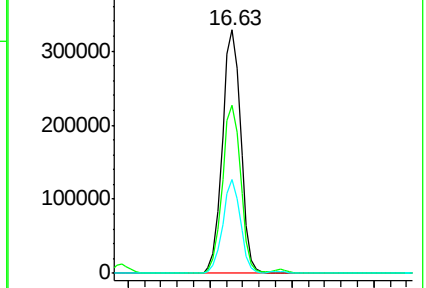
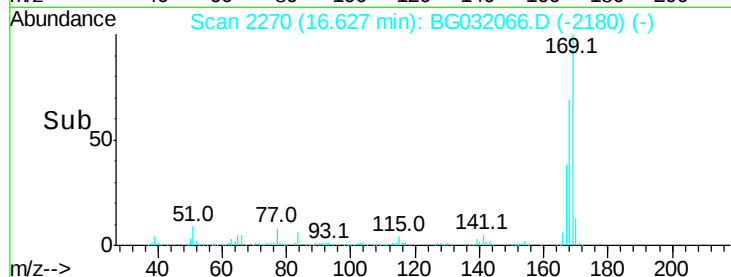
167 38.4 30.1 45.1



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: 48.732 ng

RT: 17.31 min Scan# 2386

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

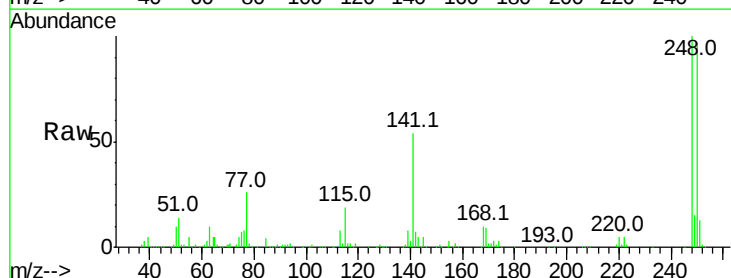
Tgt Ion:248 Resp: 249691

Ion Ratio Lower Upper

248 100

250 96.5 77.1 115.7

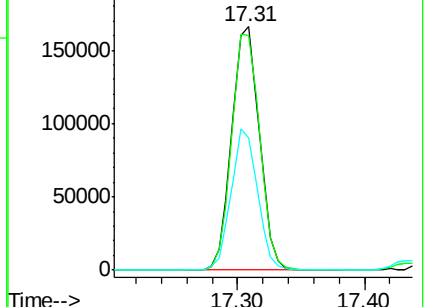
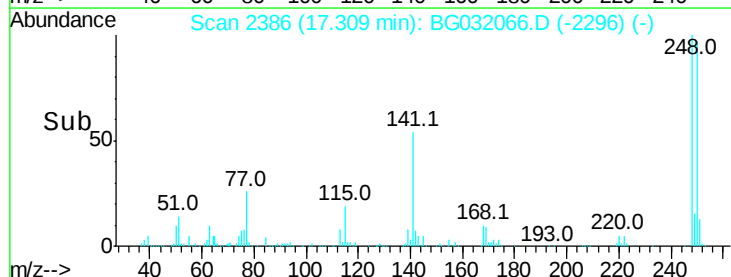
141 54.1 50.8 76.2

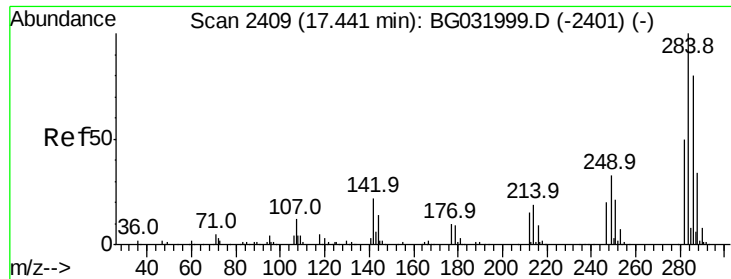


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 44.019 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

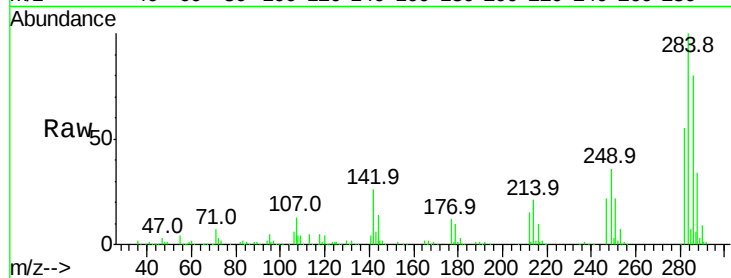
Tot Ion:284 Resp: 249529

Ion Ratio Lower Upper

284 100

142 26.0 26.8 40.2#

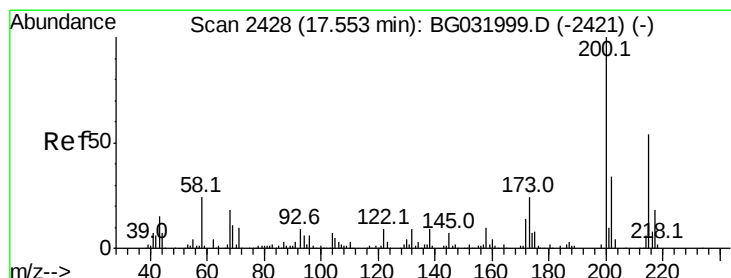
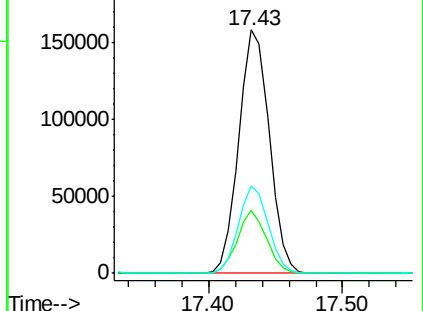
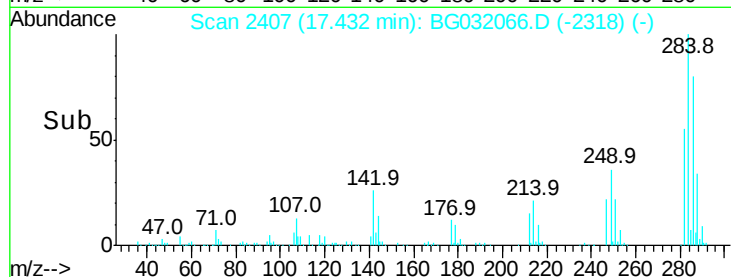
249 36.1 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 52.913 ng

RT: 17.55 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

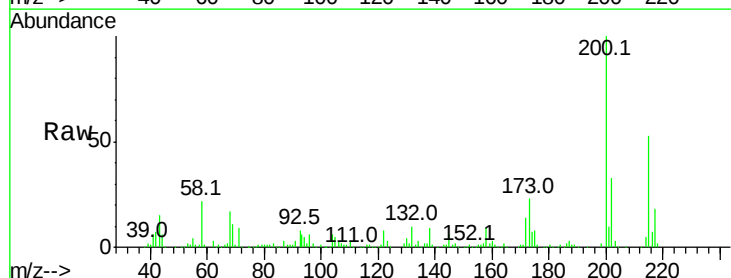
Tgt Ion:200 Resp: 243159

Ion Ratio Lower Upper

200 100

173 22.6 5.2 45.2

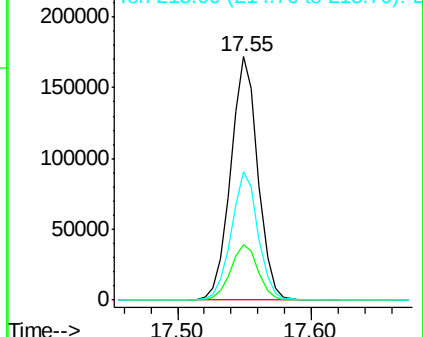
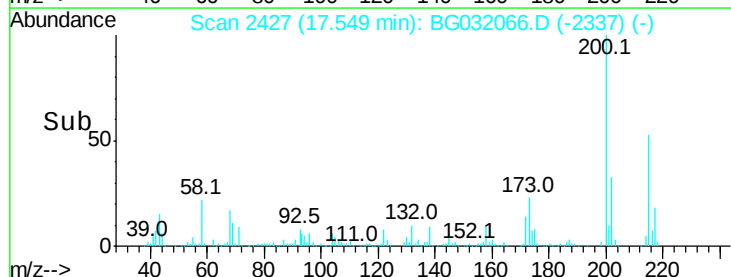
215 53.0 30.4 70.4

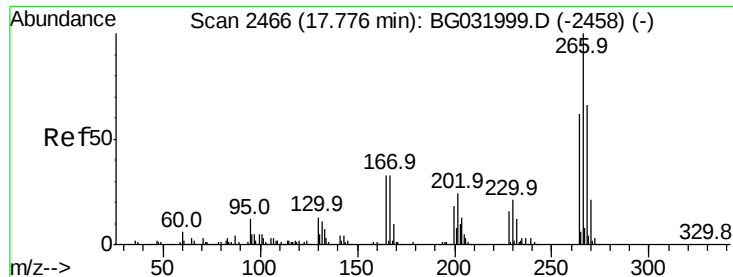


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

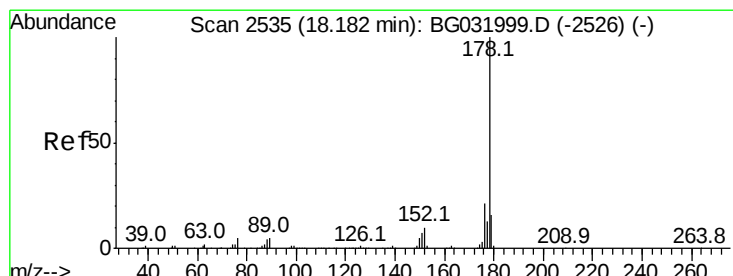
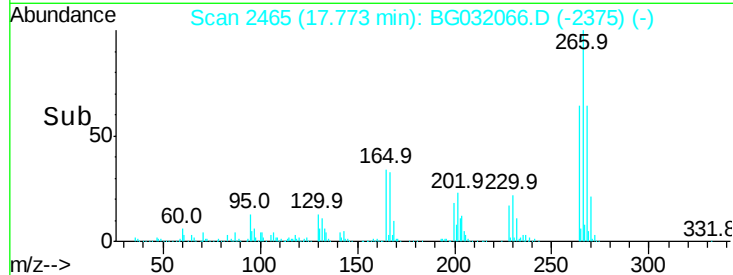
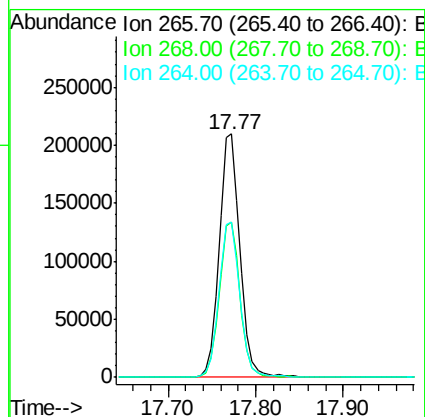
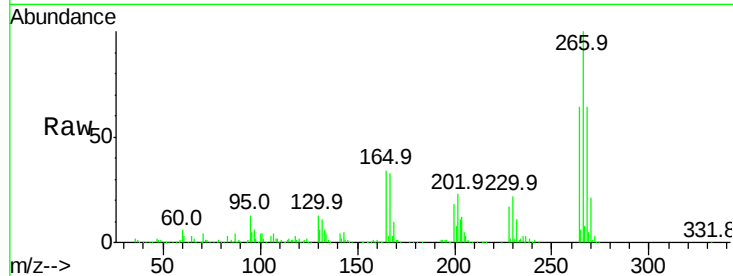




#69
 Pentachlorophenol
 Concen: 95.323 ng
 RT: 17.77 min Scan# 2465
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

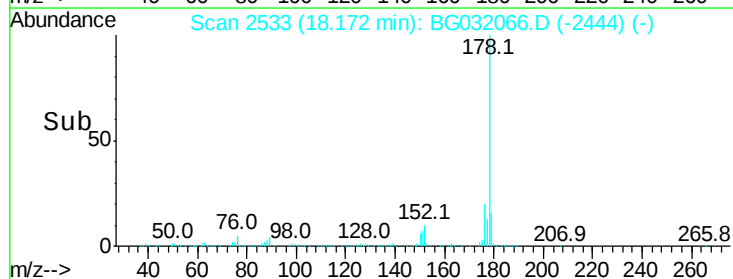
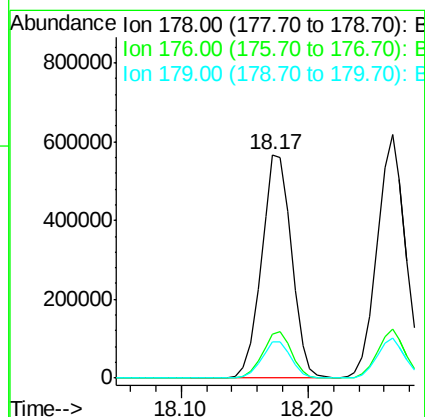
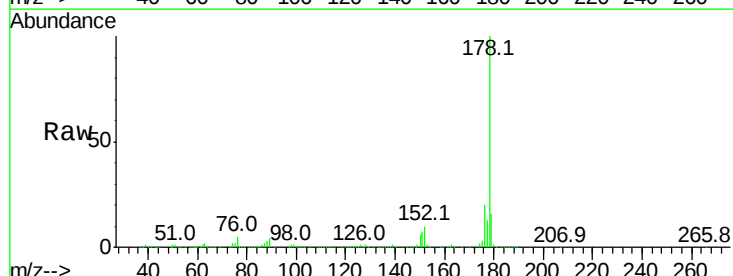
Instrument :
 BNA_G
 ClientSampleId :

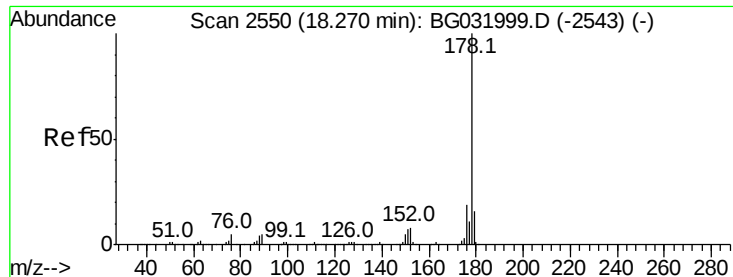
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.9	51.1	76.7
264	64.0	49.6	74.4



#70
 Phenanthrene
 Concen: 46.628 ng
 RT: 18.17 min Scan# 2533
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	16.2	12.5	18.7

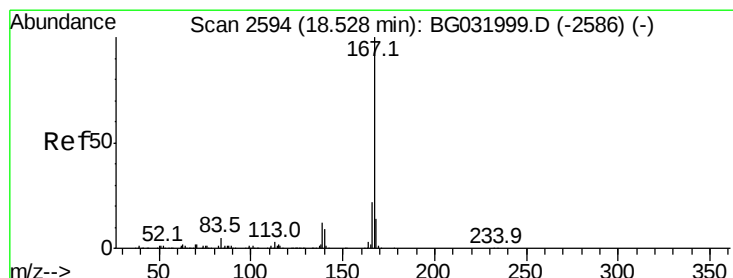
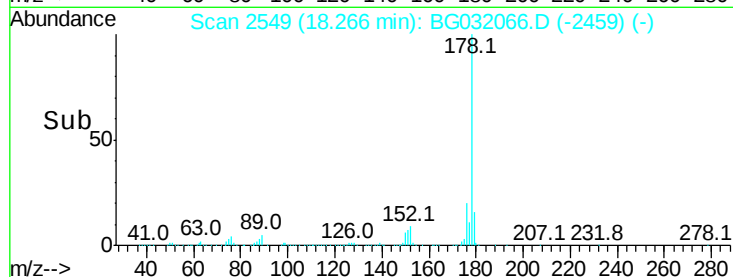
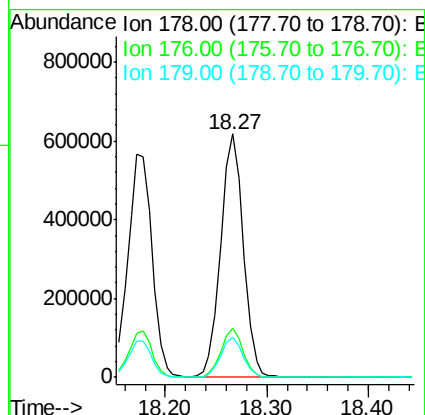
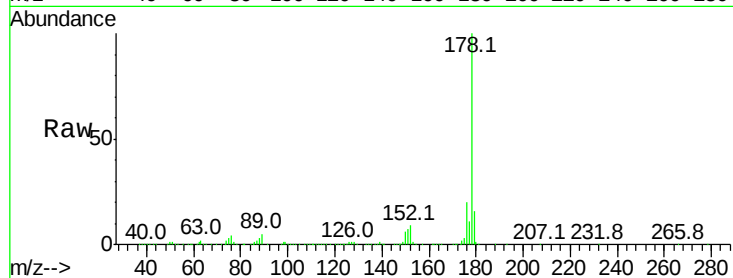




#71
 Anthracene
 Concen: 47.903 ng
 RT: 18.27 min Scan# 2549
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

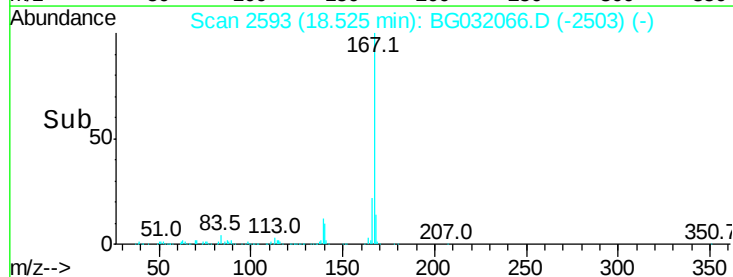
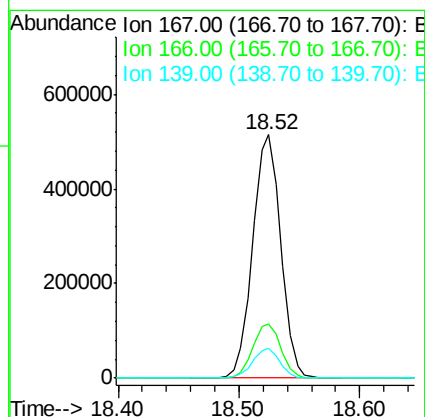
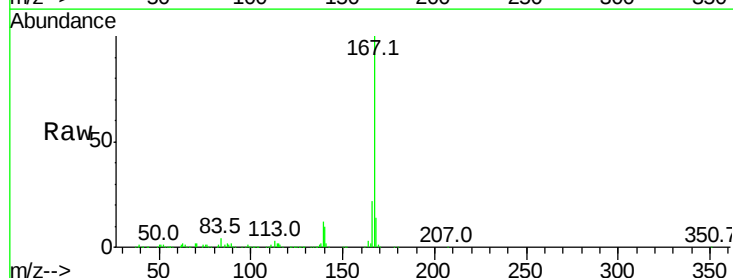
Instrument :
 BNA_G
 ClientSampled :

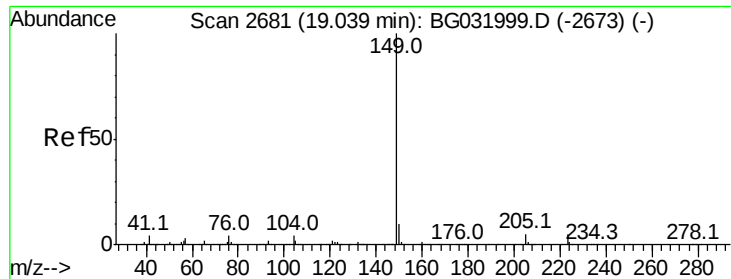
Tot Ion:178 Resp: 957938
 Ion Ratio Lower Upper
 178 100
 176 19.9 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 48.036 ng
 RT: 18.52 min Scan# 2593
 Delta R.T. -0.00 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:167 Resp: 833307
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.2 27.4
 139 12.1 9.4 14.2





#73

Di-n-butylphthalate

Concen: 46.298 ng

RT: 19.03 min Scan# 2679

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

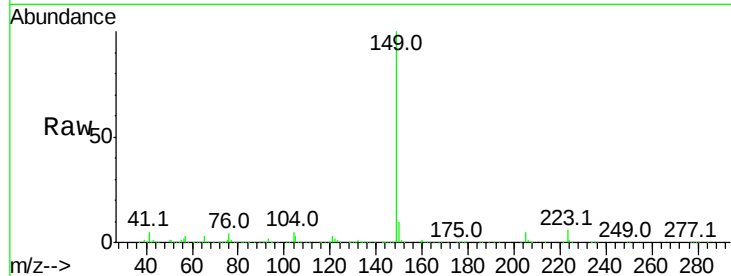
Tot Ion:149 Resp: 949039

Ion Ratio Lower Upper

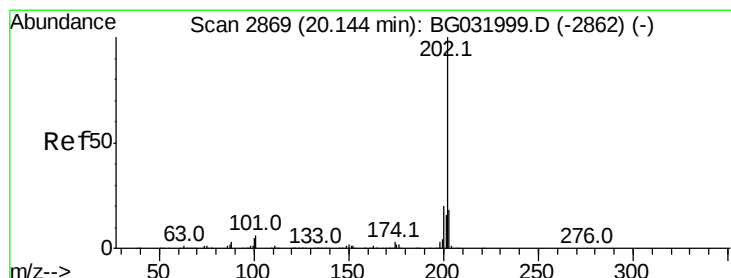
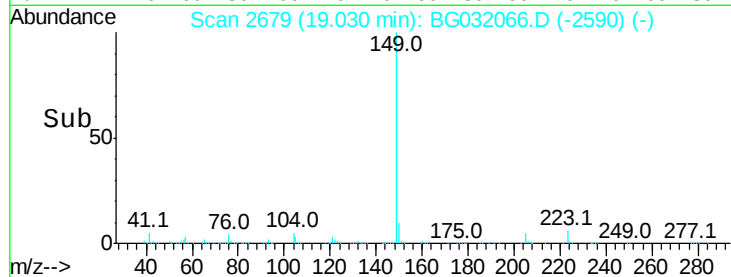
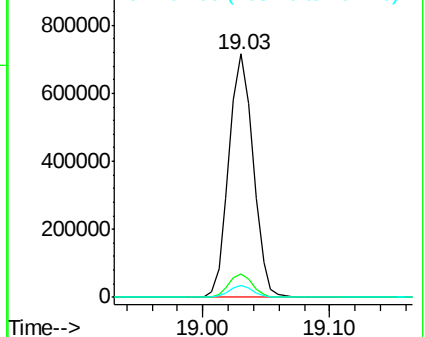
149 100

150 9.7 7.8 11.6

104 5.1 3.9 5.9



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



#74

Fluoranthene

Concen: 47.995 ng

RT: 20.13 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

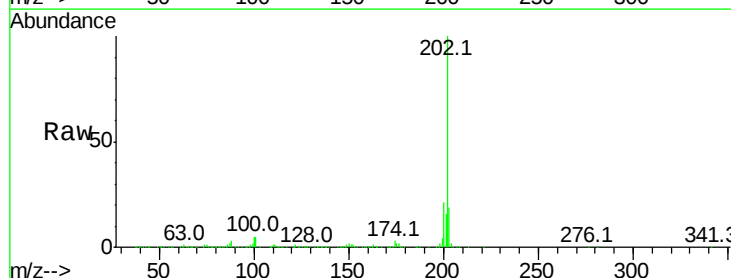
Tgt Ion:202 Resp: 1204839

Ion Ratio Lower Upper

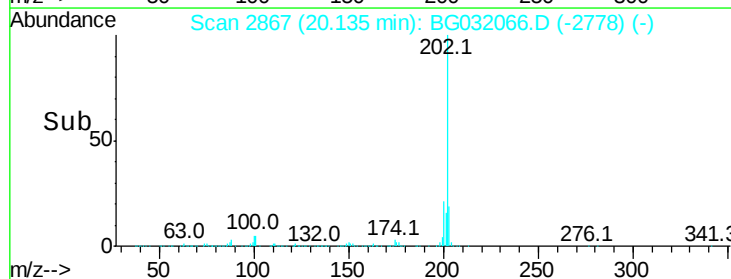
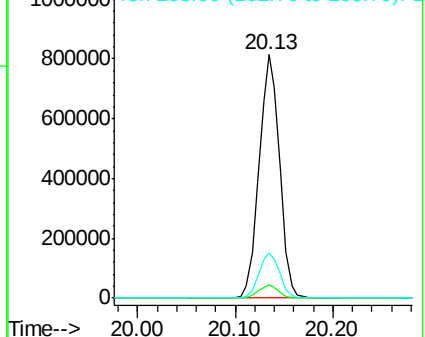
202 100

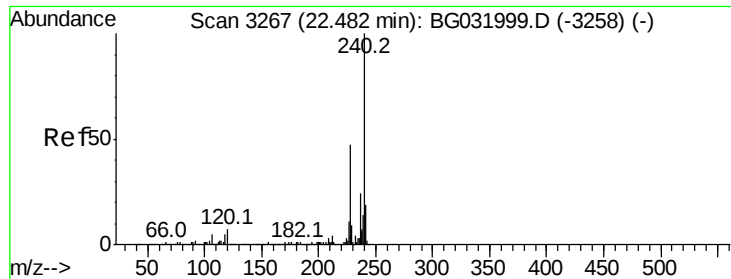
101 5.4 0.0 28.9

203 18.7 0.0 37.5



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

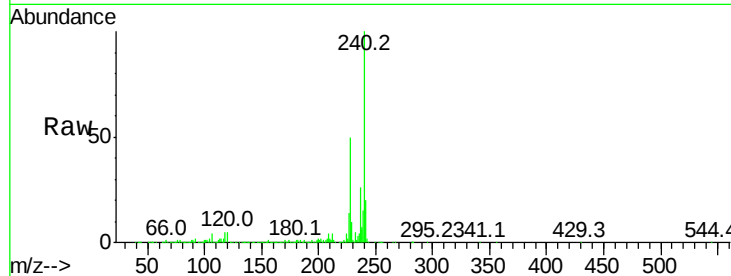
Tot Ion:240 Resp: 420349

Ion Ratio Lower Upper

240 100

120 5.0 6.8 10.2#

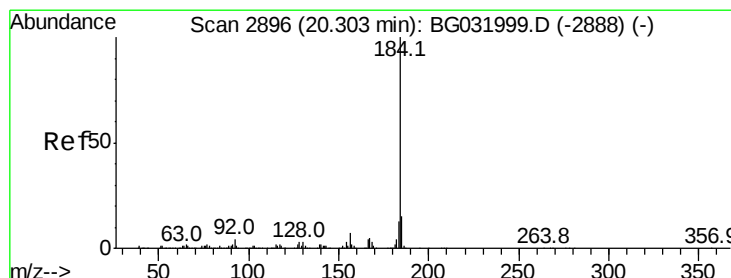
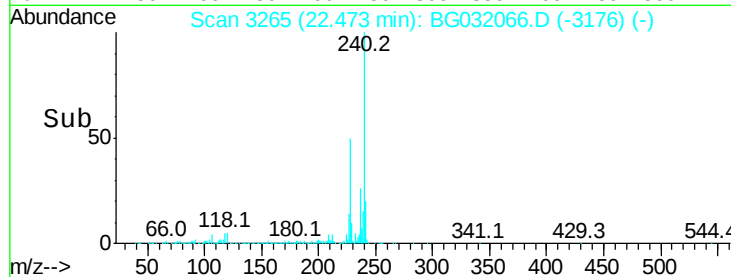
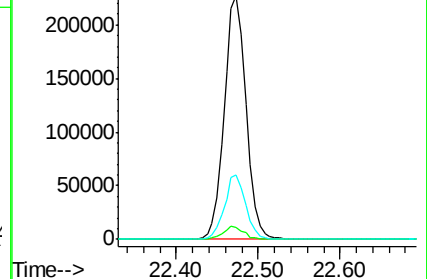
236 26.2 20.9 31.3



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: 33.990 ng

RT: 20.29 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

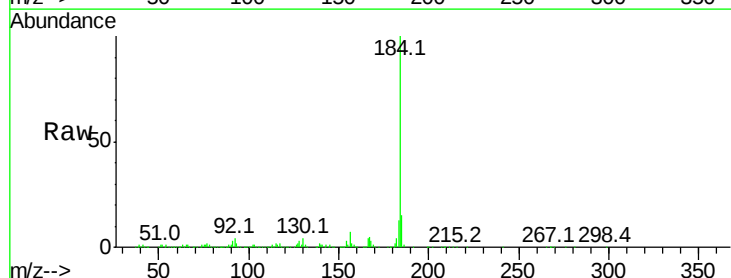
Tgt Ion:184 Resp: 357276

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

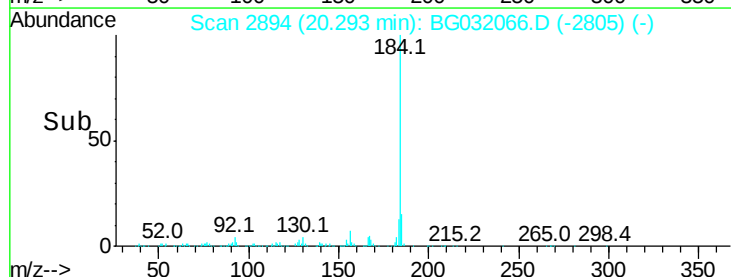
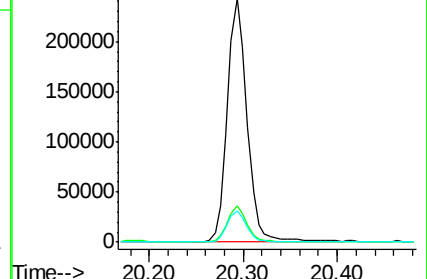
183 13.0 10.6 16.0

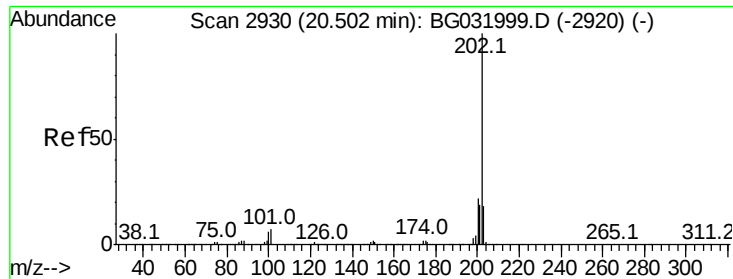


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

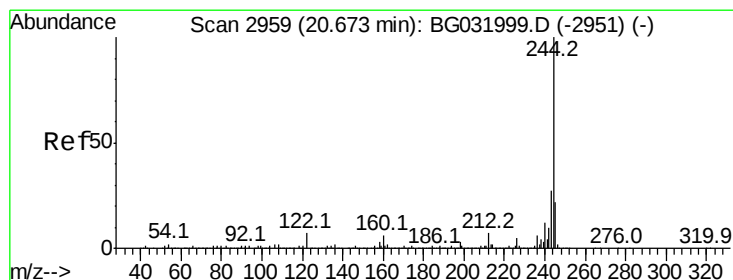
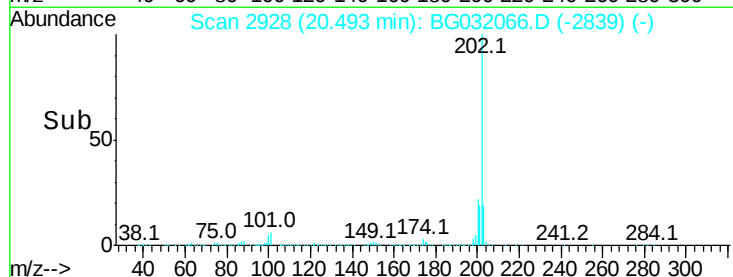
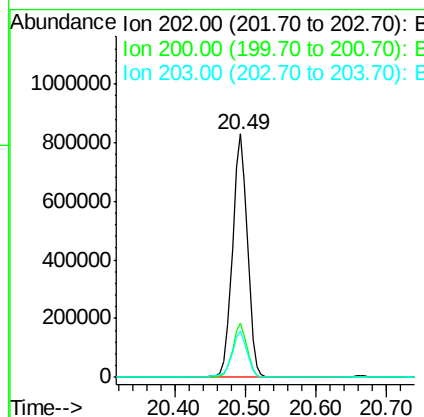
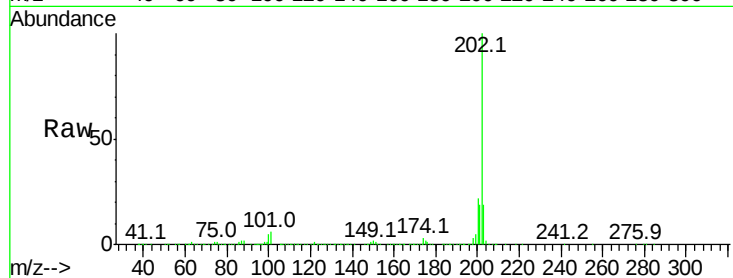




#77
Pvrene
Concen: 46.208 ng
RT: 20.49 min Scan# 2928
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

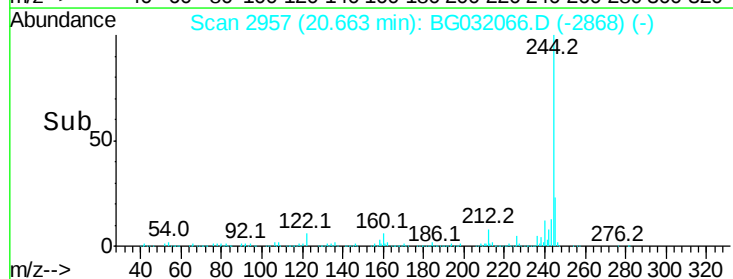
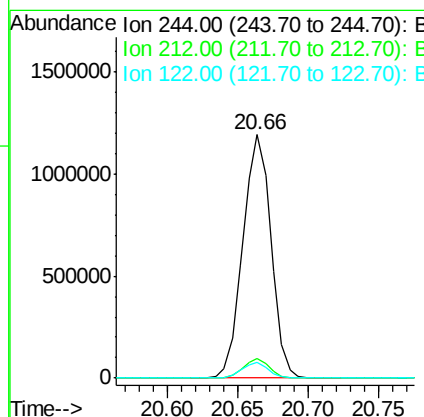
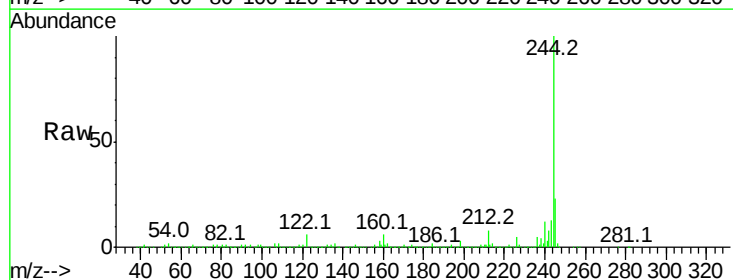
Instrument :
BNA_G
ClientSampleId :

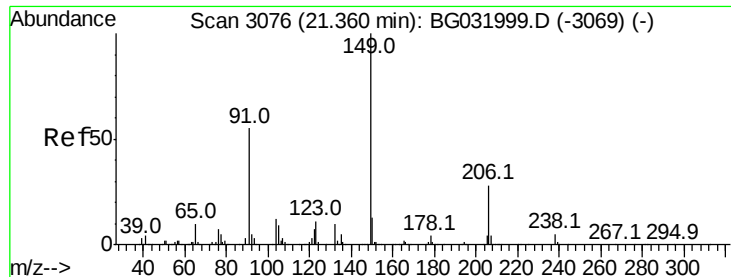
Tot Ion:202 Resp: 1221036
Ion Ratio Lower Upper
202 100
200 22.5 16.9 25.3
203 18.9 13.9 20.9



#78
Terphenyl-d14
Concen: 87.406 ng
RT: 20.66 min Scan# 2957
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion:244 Resp: 1663955
Ion Ratio Lower Upper
244 100
212 7.9 5.8 8.8
122 6.4 7.0 10.4#

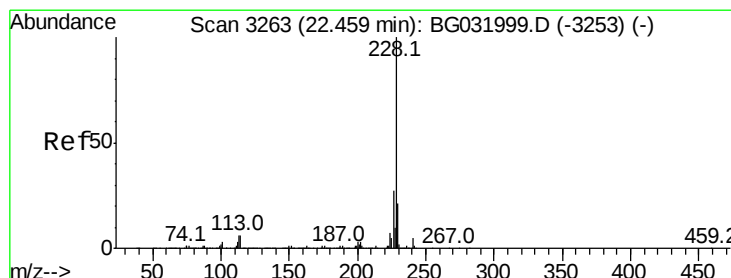
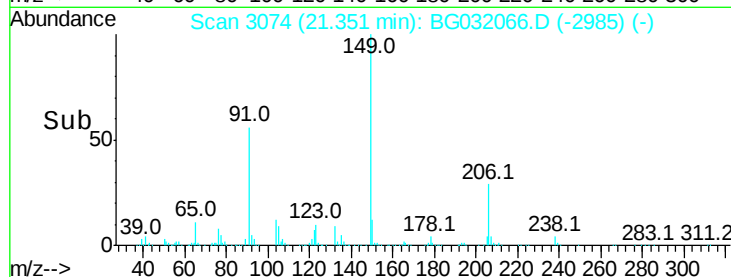
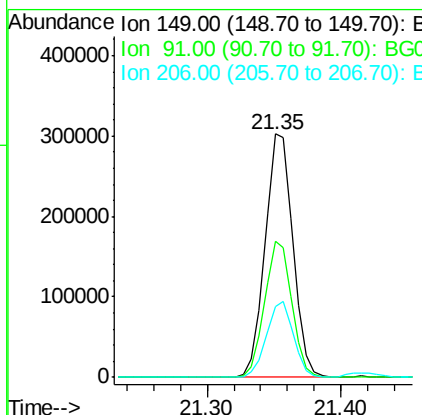
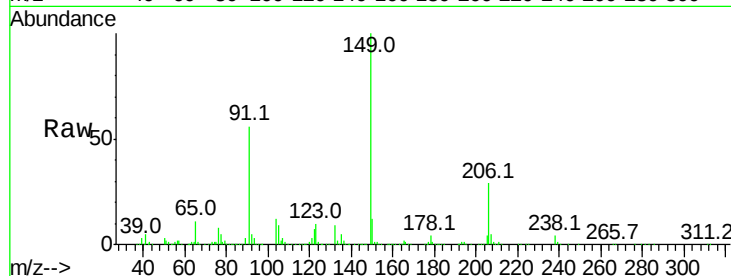




#79
Butylbenzylphthalate
Concen: 46.226 ng
RT: 21.35 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

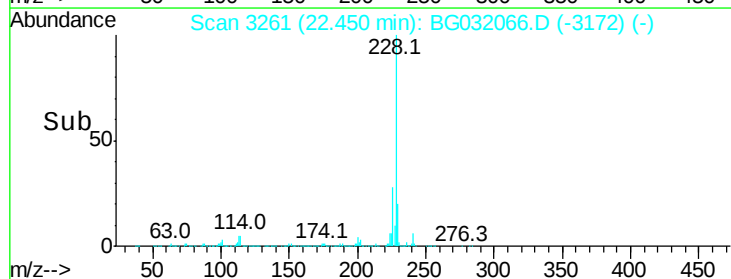
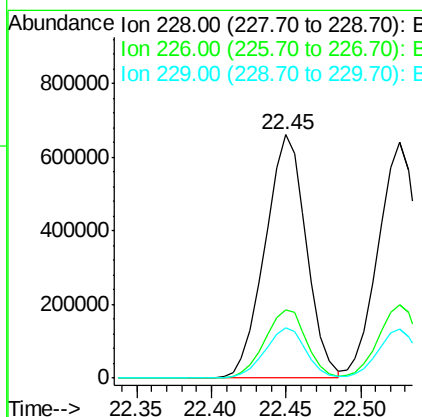
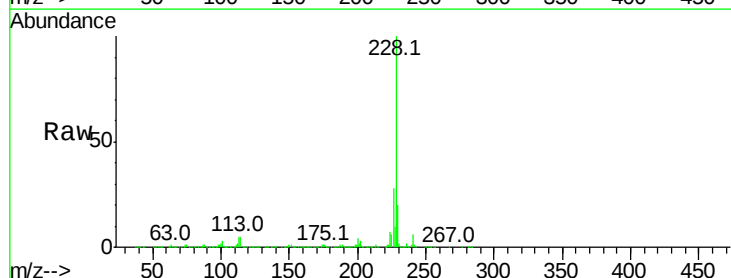
Instrument :
BNA_G
ClientSampleId :

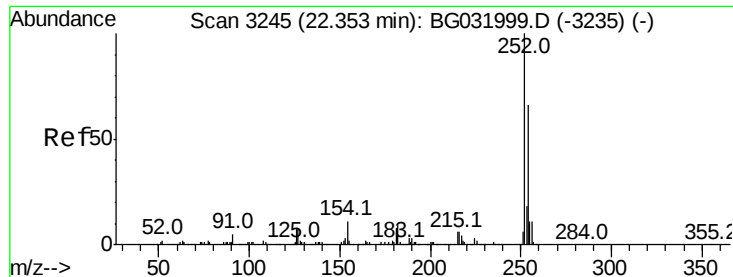
Tot Ion:149 Resp: 437654
Ion Ratio Lower Upper
149 100
91 55.8 62.2 93.2#
206 28.8 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 48.546 ng
RT: 22.45 min Scan# 3261
Delta R.T. -0.01 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion:228 Resp: 1269080
Ion Ratio Lower Upper
228 100
226 28.3 22.7 34.1
229 20.5 16.2 24.2

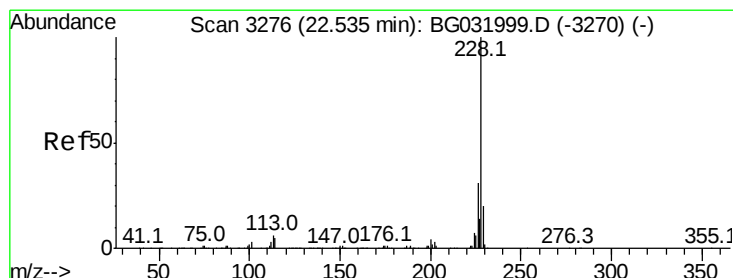
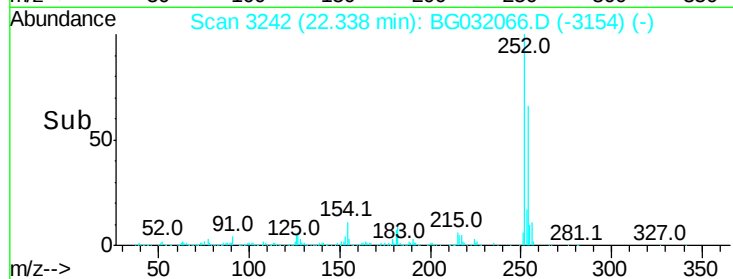
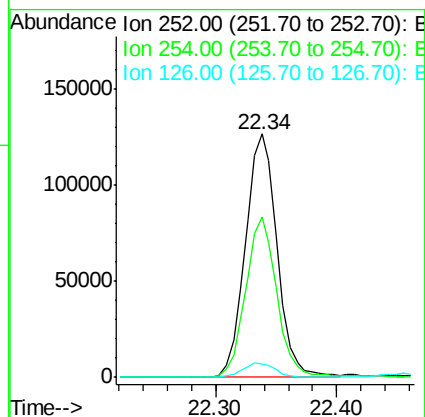
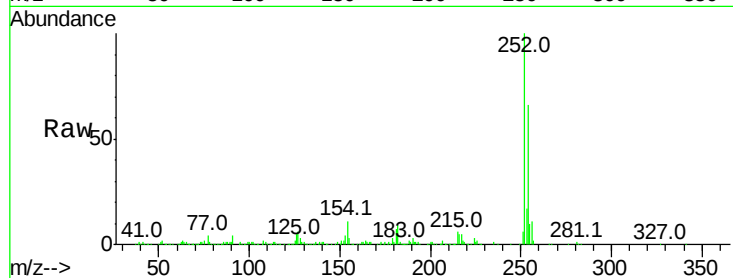




#81
 3,3'-Dichlorobenzidine
 Concen: 23.709 ng
 RT: 22.34 min Scan# 3242
 Delta R.T. -0.02 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

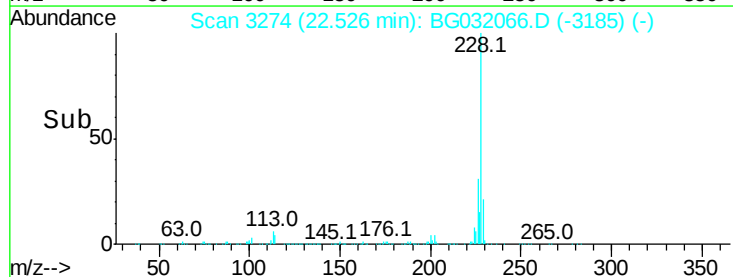
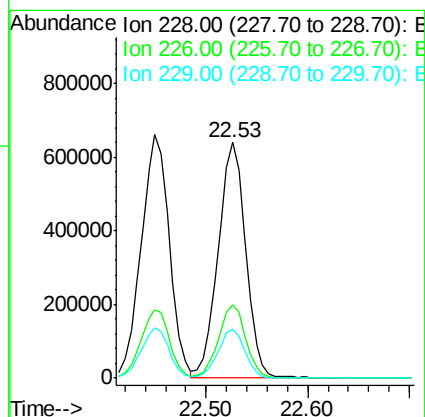
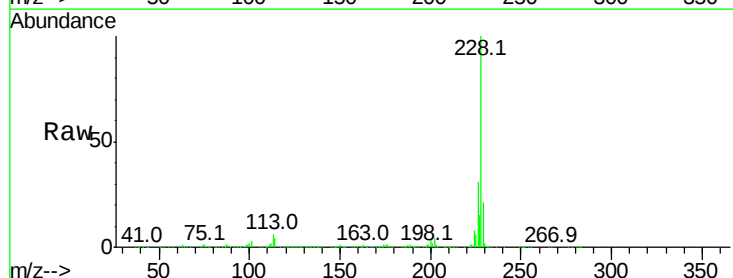
Instrument :
 BNA_G
 ClientSampleId :

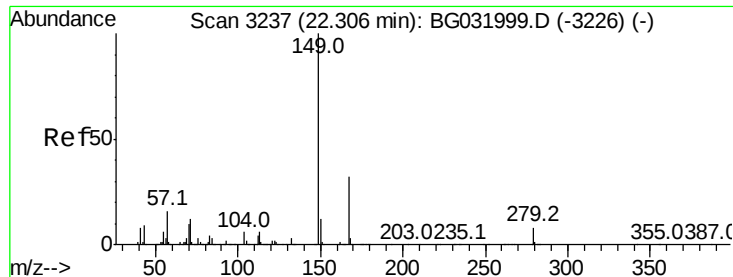
Tot Ion:252 Resp: 231531
 Ion Ratio Lower Upper
 252 100
 254 65.9 50.8 76.2
 126 5.4 7.4 11.2#



#82
 Chrysene
 Concen: 47.861 ng
 RT: 22.53 min Scan# 3274
 Delta R.T. -0.01 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:228 Resp: 1201591
 Ion Ratio Lower Upper
 228 100
 226 31.4 24.9 37.3
 229 20.8 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.625 ng

RT: 22.29 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

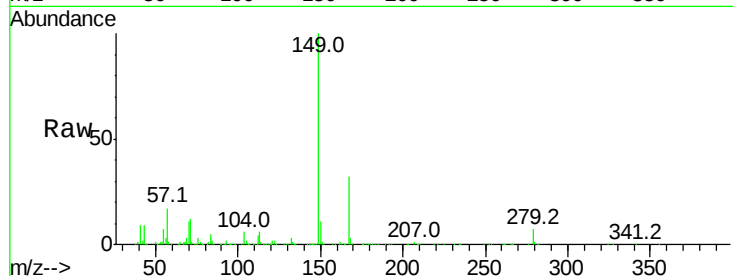
Tot Ion:149 Resp: 619551

Ion Ratio Lower Upper

149 100

167 31.7 24.3 36.5

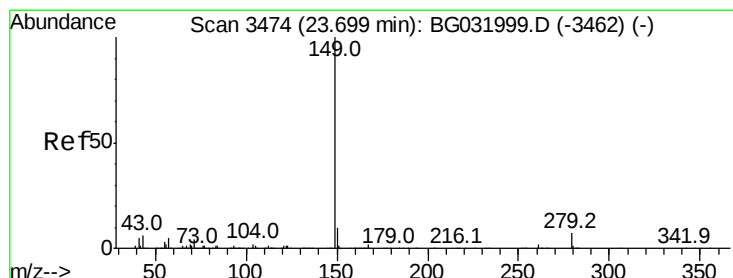
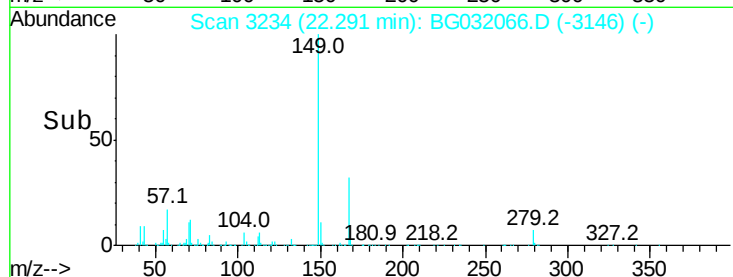
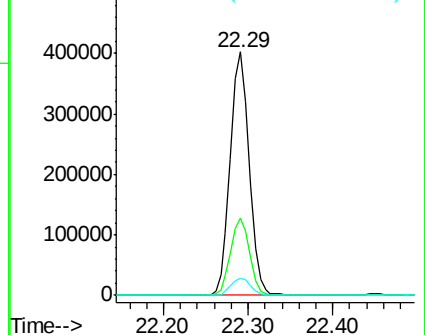
279 7.1 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.975 ng

RT: 23.68 min Scan# 3470

Delta R.T. -0.02 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

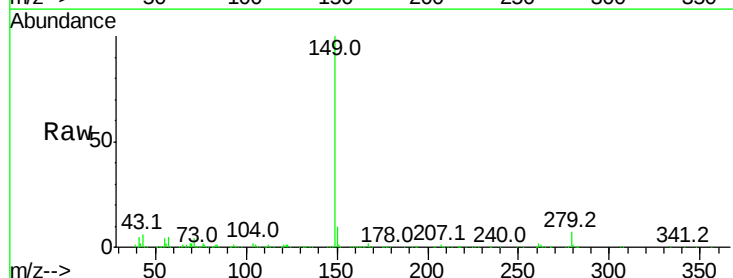
Tgt Ion:149 Resp: 1079900

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.0

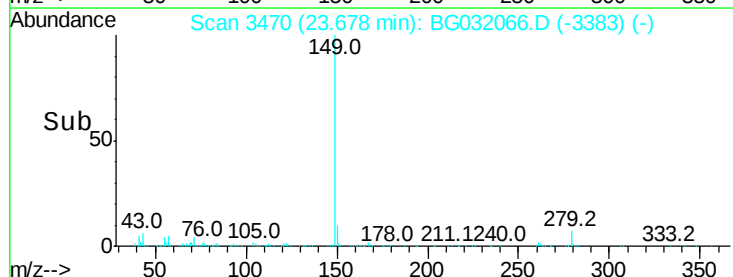
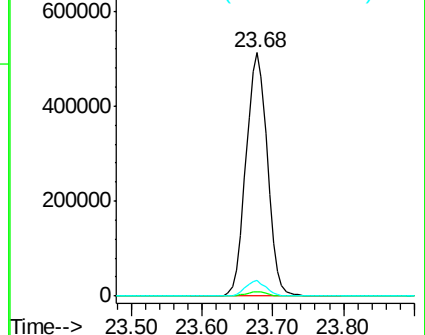
43 6.1 8.9 13.3#

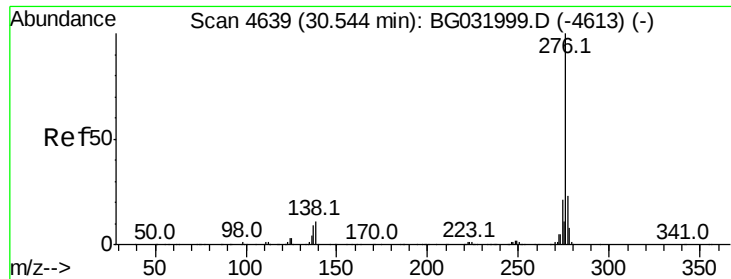


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

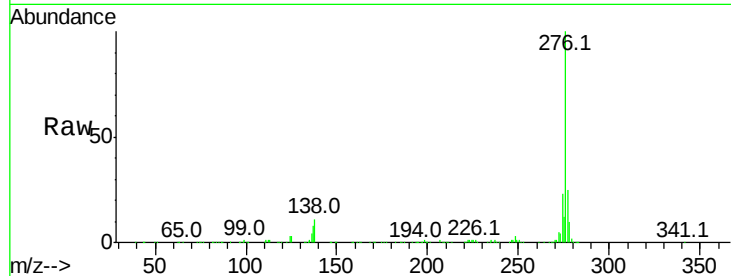




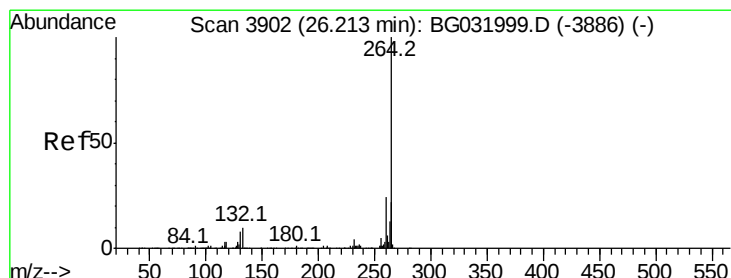
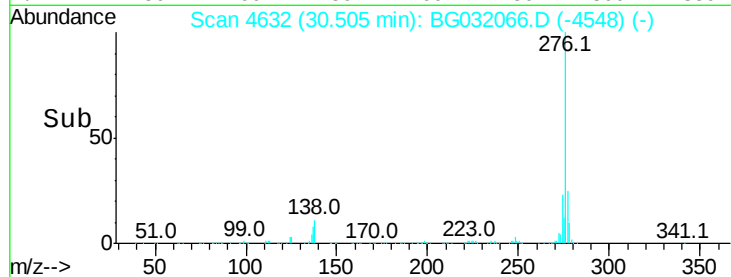
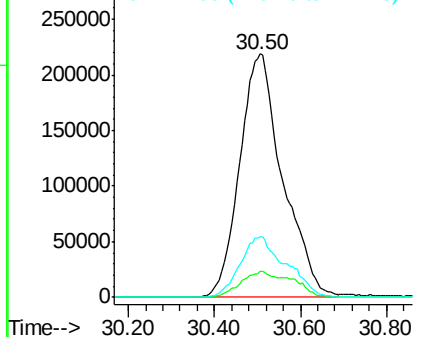
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.966 ng
 RT: 30.50 min Scan# 4632
 Delta R.T. -0.04 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:276 Resp: 1535170
 Ion Ratio Lower Upper
 276 100
 138 9.0 16.0 24.0#
 277 26.6 20.0 30.0

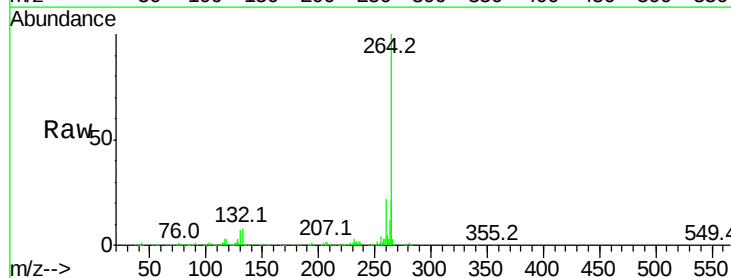


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

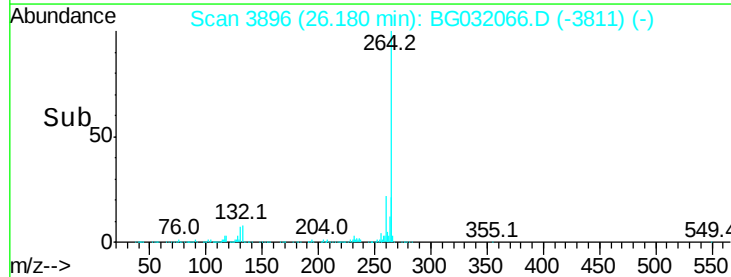
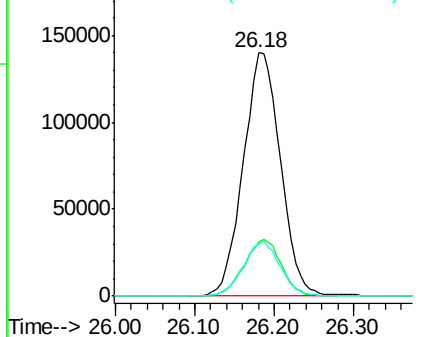


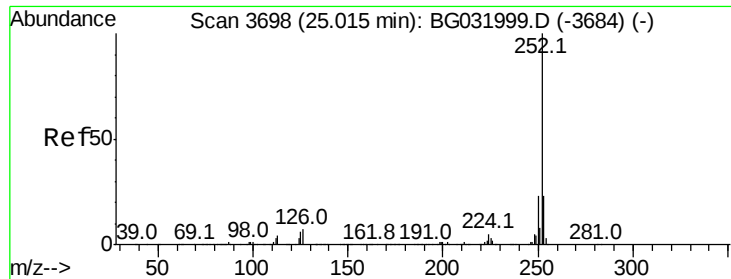
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.18 min Scan# 3896
 Delta R.T. -0.03 min
 Lab File: BG032066.D
 Acq: 16 Jan 2018 12:58

Tgt Ion:264 Resp: 457513
 Ion Ratio Lower Upper
 264 100
 260 22.2 17.4 26.0
 265 21.1 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

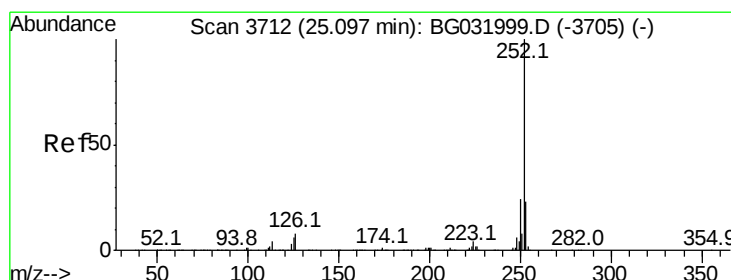
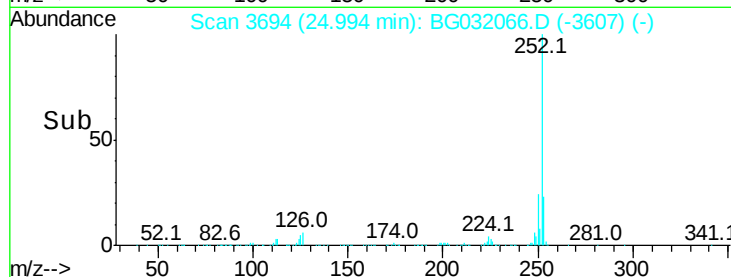
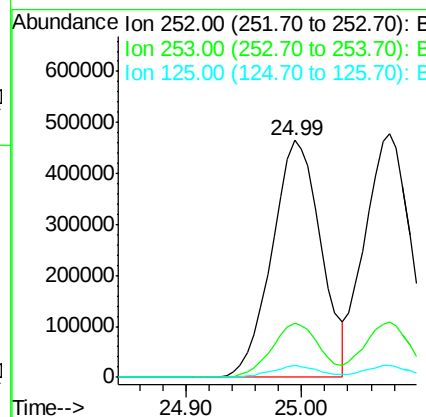
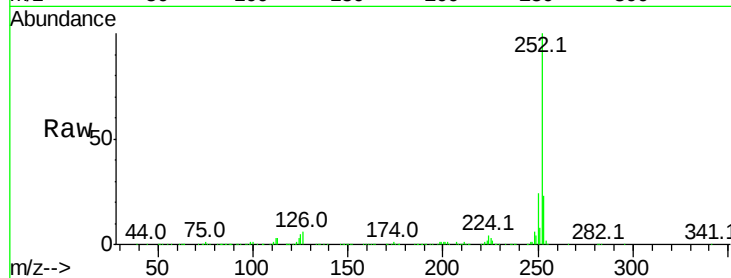




#87
Benzo(b)fluoranthene
Concen: 49.582 ng
RT: 24.99 min Scan# 3694
Delta R.T. -0.02 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

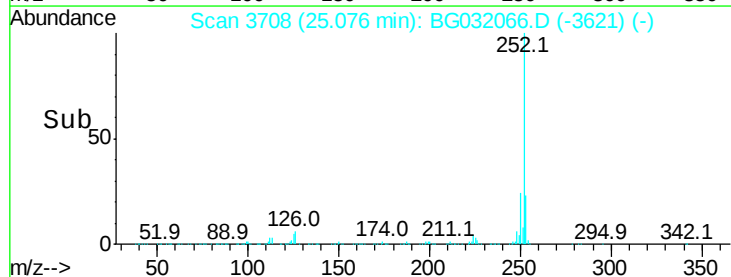
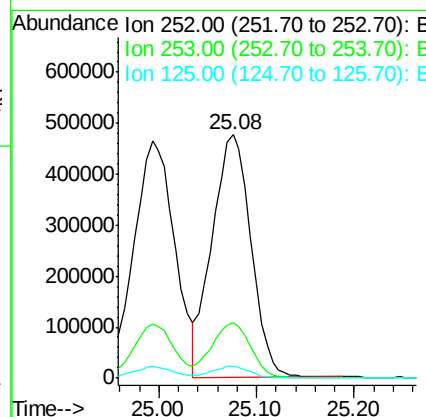
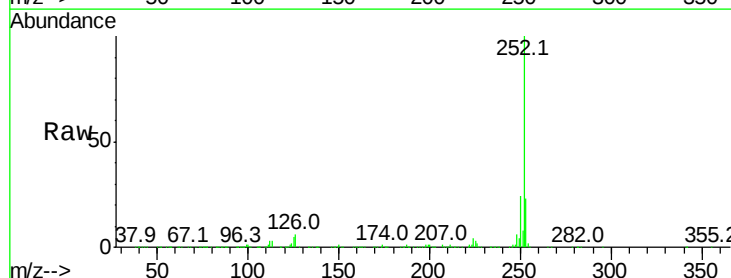
Instrument :
BNA_G
ClientSampleId :

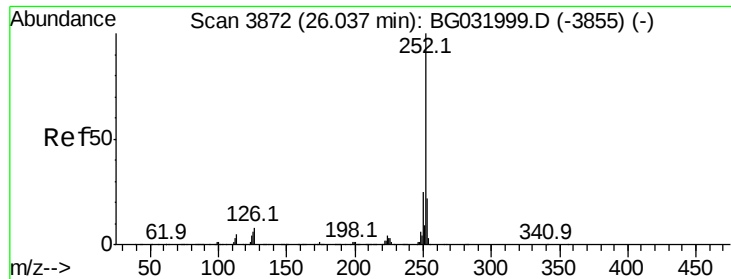
Tot Ion:252 Resp: 1371147
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 4.8 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 48.604 ng
RT: 25.08 min Scan# 3708
Delta R.T. -0.02 min
Lab File: BG032066.D
Acq: 16 Jan 2018 12:58

Tgt Ion:252 Resp: 1313409
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 5.1 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 50.358 ng

RT: 26.02 min Scan# 3868

Delta R.T. -0.02 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

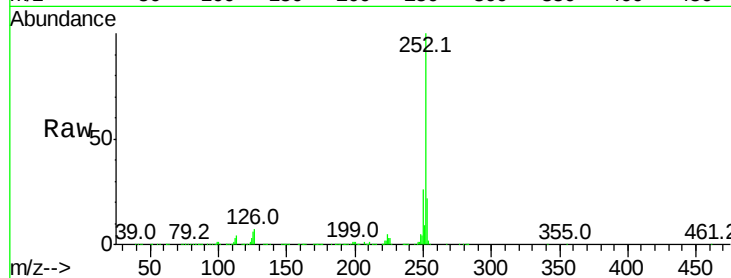
Tot Ion:252 Resp: 1317351

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

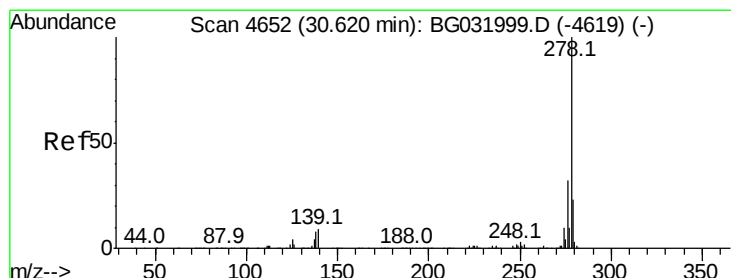
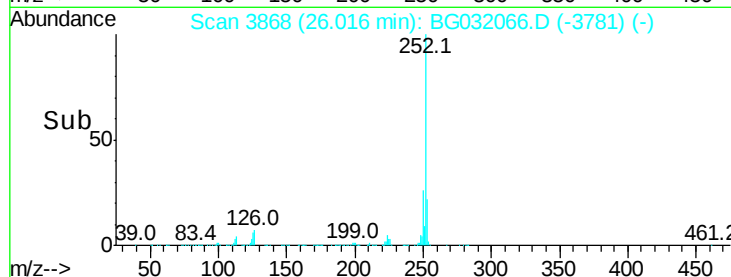
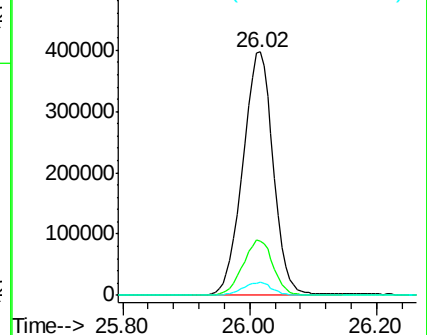
125 5.5 7.3 10.9#



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: 49.740 ng

RT: 30.58 min Scan# 4645

Delta R.T. -0.04 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

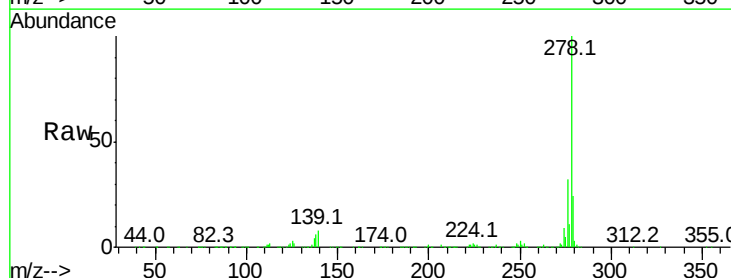
Tgt Ion:278 Resp: 1253871

Ion Ratio Lower Upper

278 100

139 7.9 9.8 14.6#

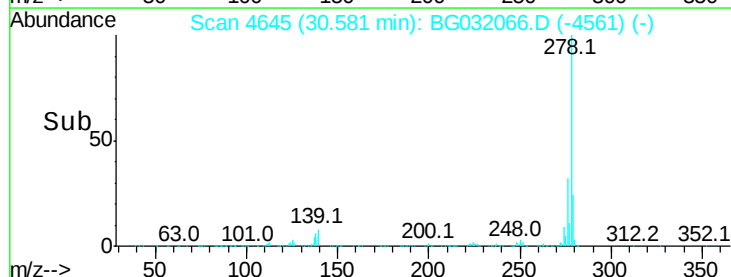
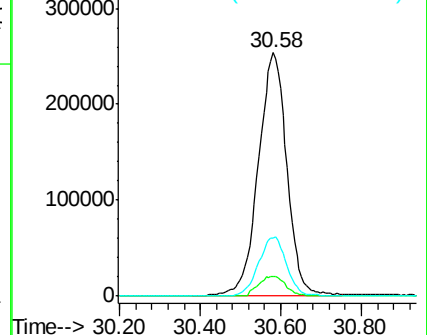
279 24.0 18.4 27.6

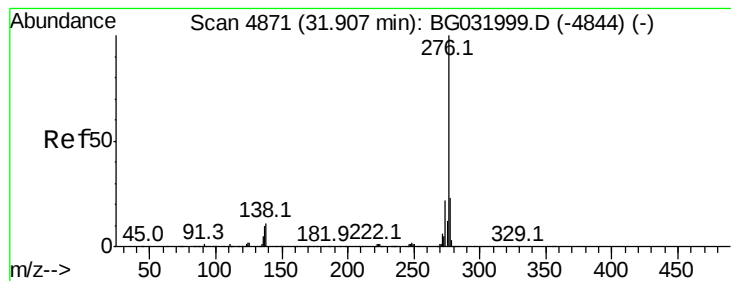


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.909 ng

RT: 31.86 min Scan# 4863

Delta R.T. -0.04 min

Lab File: BG032066.D

Acq: 16 Jan 2018 12:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 1311696

Ion Ratio Lower Upper

276 100

277 24.0 18.3 27.5

138 10.5 13.9 20.9#

