

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032347.D
 Acq On : 27 Jan 2018 9:14
 Operator : SJ/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 27 23:14:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	34578	20.00	ng	0.01
21) Naphthalene-d8	11.61	136	134993	20.00	ng	0.00
38) Acenaphthene-d10	15.37	164	94714	20.00	ng	0.01
63) Phenanthrene-d10	18.12	188	242021	20.00	ng	0.02
75) Chrysene-d12	22.47	240	306100	20.00	ng	0.05
86) Perylene-d12	26.23	264	335916	20.00	ng	0.12

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	6.16	112	150588	79.65	ng	0.00
7) Phenol-d6	7.84	99	195106	81.94	ng	0.00
23) Nitrobenzene-d5	9.93	82	189865	95.15	ng	0.01
41) 2,4,6-Tribromophenol	16.85	330	143940	91.84	ng	0.02
44) 2-Fluorobiphenyl	14.00	172	663138	86.81	ng	0.01
78) Terphenyl-d14	20.66	244	1147222	82.75	ng	0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.83	88	29102	40.067	ng	# 72
3) Pyridine	4.28	79	71265	36.758	ng	# 85
4) n-Nitrosodimethylamine	4.19	42	35016	51.409	ng	# 83
6) Aniline	8.02	93	118698	39.522	ng	96
8) 2-Chlorophenol	8.28	128	85889	40.598	ng	83
9) Benzaldehyde	7.83	77	48698	35.298	ng	99
10) Phenol	7.87	94	91459	38.992	ng	92
11) bis(2-Chloroethyl)ether	8.12	93	68869	36.649	ng	# 81
12) 1,3-Dichlorobenzene	8.62	146	118186	42.684	ng	93
13) 1,4-Dichlorobenzene	8.77	146	115458	41.414	ng	97
14) 1,2-Dichlorobenzene	9.10	146	110150	40.850	ng	96
15) Benzyl Alcohol	8.97	79	79058	45.704	ng	91
16) 2,2'-oxybis(1-Chloropropan	9.26	45	67873	35.540	ng	79
17) 2-Methylphenol	9.17	107	70488	39.323	ng	94
18) Hexachloroethane	9.86	117	37645	43.937	ng	# 75
19) n-Nitroso-di-n-propylamine	9.54	70	60904	41.224	ng	# 90
20) 3+4-Methylphenols	9.50	107	99698	40.148	ng	97
22) Acetophenone	9.57	105	132947	43.357	ng	# 92
24) Nitrobenzene	9.97	77	91674	46.060	ng	92
25) Isophorone	10.50	82	158215	42.584	ng	# 87
26) 2-Nitrophenol	10.70	139	53984	45.775	ng	88
27) 2,4-Dimethylphenol	10.74	122	78173	41.771	ng	93
28) bis(2-Chloroethoxy)methane	10.98	93	90220	40.304	ng	# 96
29) 2,4-Dichlorophenol	11.24	162	107330	46.609	ng	86
30) 1,2,4-Trichlorobenzene	11.47	180	139282	46.834	ng	99
31) Naphthalene	11.67	128	286123	42.786	ng	99
32) Benzoic acid	10.87	122	62080	42.079	ng	86
33) 4-Chloroaniline	11.76	127	123425	43.041	ng	95
34) Hexachlorobutadiene	11.94	225	107735	50.437	ng	96
35) Caprolactam	12.51	113	30460	43.601	ng	# 39
36) 4-Chloro-3-methylphenol	12.84	107	94339	44.758	ng	91
37) 2-Methylnaphthalene	13.23	142	226292	42.623	ng	91
39) 1,2,4,5-Tetrachlorobenzene	13.59	216	191837	46.466	ng	# 96
40) Hexachlorocyclopentadiene	13.56	237	122225	52.562	ng	92

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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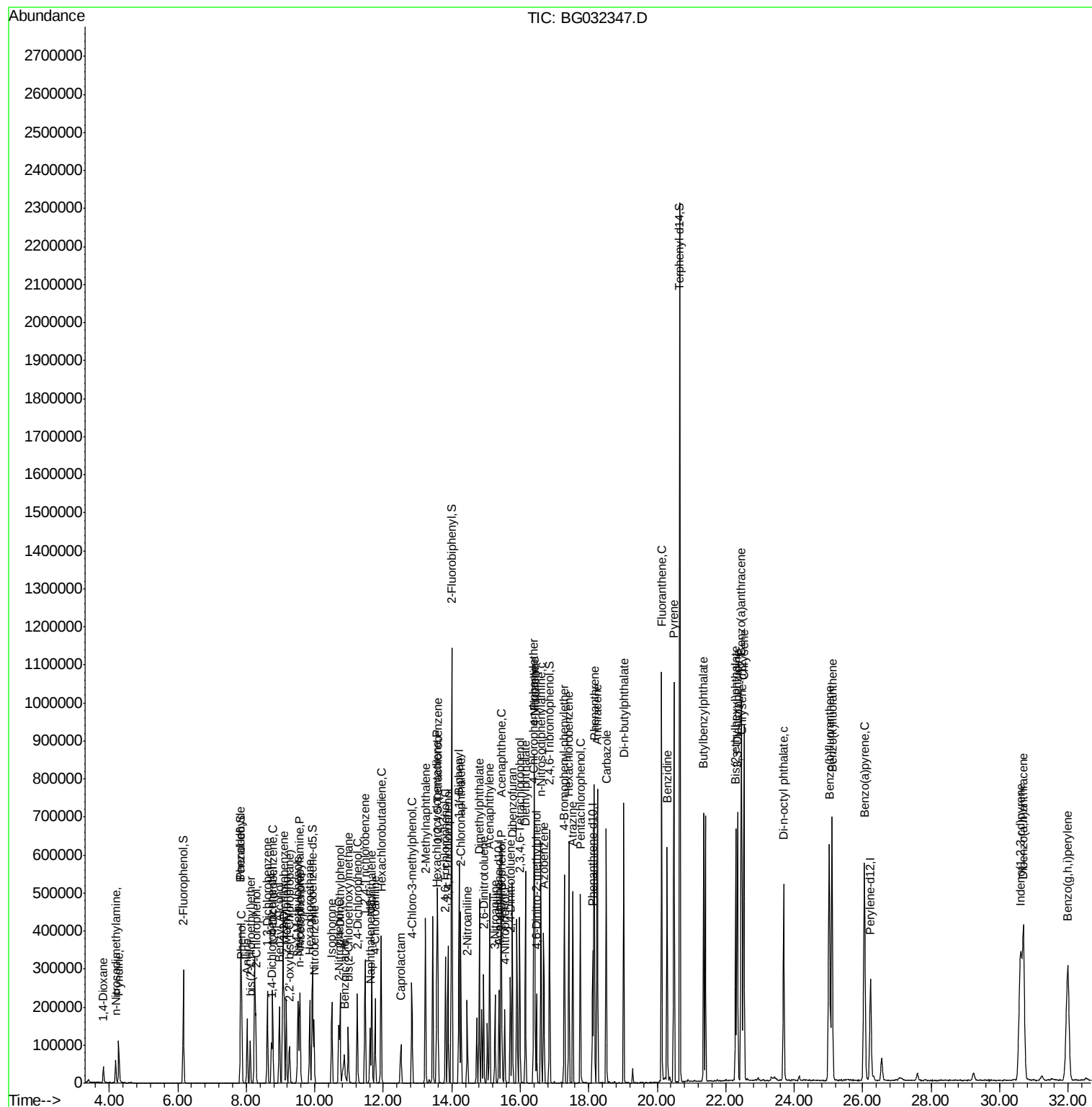
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.82	196	103890	44.785	nq	99
43) 2,4,5-Trichlorophenol	13.89	196	119421	44.475	nq #	89
45) 1,1'-Biphenyl	14.21	154	339165	41.771	nq	95
46) 2-Chloronaphthalene	14.26	162	262515	41.560	nq	97
47) 2-Nitroaniline	14.45	65	57374	47.447	nq #	75
48) Acenaphthylene	15.10	152	400438	41.631	nq	98
49) Dimethylphthalate	14.80	163	352814	42.568	nq #	99
50) 2,6-Dinitrotoluene	14.93	165	75026	43.611	nq #	78
51) Acenaphthene	15.44	154	274700	43.190	nq	99
52) 3-Nitroaniline	15.27	138	67905	43.702	nq #	75
53) 2,4-Dinitrophenol	15.46	184	41217	50.567	nq #	84
54) Dibenzofuran	15.77	168	400673	42.229	nq	97
55) 4-Nitrophenol	15.54	139	51664	45.625	nq #	74
56) 2,4-Dinitrotoluene	15.71	165	112117	48.406	nq #	67
57) Fluorene	16.41	166	330267	42.442	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.98	232	117204	47.185	nq #	84
59) Diethylphthalate	16.15	149	335586	41.765	nq	95
60) 4-Chlorophenyl-phenylether	16.39	204	210857	44.172	nq	95
61) 4-Nitroaniline	16.43	138	70168	47.077	nq	81
62) Azobenzene	16.68	77	208451	41.448	nq	86
64) 4,6-Dinitro-2-methylphenol	16.47	198	75549	48.691	nq #	70
65) n-Nitrosodiphenylamine	16.60	169	301195	41.013	nq	99
66) 4-Bromophenyl-phenylether	17.29	248	148832	43.221	nq	97
67) Hexachlorobenzene	17.42	284	163357	42.879	nq #	90
68) Atrazine	17.53	200	136150	44.083	nq	97
69) Pentachlorophenol	17.75	266	111121	45.633	nq	95
70) Phenanthrene	18.16	178	560384	41.588	nq	100
71) Anthracene	18.25	178	564696	42.017	nq	98
72) Carbazole	18.51	167	509954	43.740	nq	98
73) Di-n-butylphthalate	19.02	149	573597	41.636	nq	99
74) Fluoranthene	20.13	202	758965	44.986	nq	95
76) Benzidine	20.29	184	391922	51.202	nq	99
77) Pyrene	20.48	202	773693	40.207	nq	99
79) Butylbenzylphthalate	21.35	149	261225	37.889	nq #	75
80) Benzo(a)anthracene	22.45	228	806845	42.384	nq	98
81) 3,3'-Dichlorobenzidine	22.34	252	320625	45.087	nq #	97
82) Chrysene	22.53	228	775561	42.422	nq	98
83) Bis(2-ethylhexyl)phthalate	22.29	149	374619	37.054	nq #	95
84) Di-n-octyl phthalate	23.69	149	592835	36.921	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.61	276	1011350	45.203	nq #	85
87) Benzo(b)fluoranthene	25.02	252	855371	42.128	nq #	95
88) Benzo(k)fluoranthene	25.10	252	830550	41.861	nq #	95
89) Benzo(a)pyrene	26.05	252	819186	42.650	nq #	95
90) Dibenzo(a,h)anthracene	30.70	278	846485	45.734	nq #	95
91) Benzo(g,h,i)perylene	31.99	276	829580	43.852	nq #	91

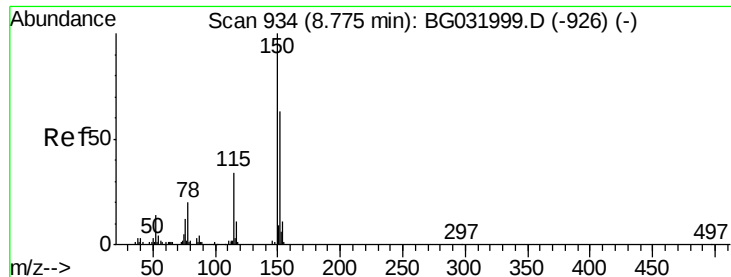
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 927

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

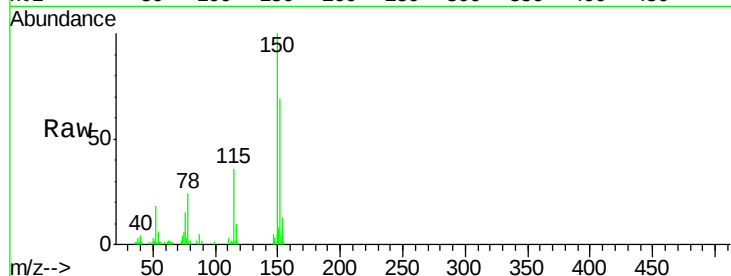
Tot Ion:152 Resp: 34578

Ion Ratio Lower Upper

152 100

150 144.1 126.6 189.8

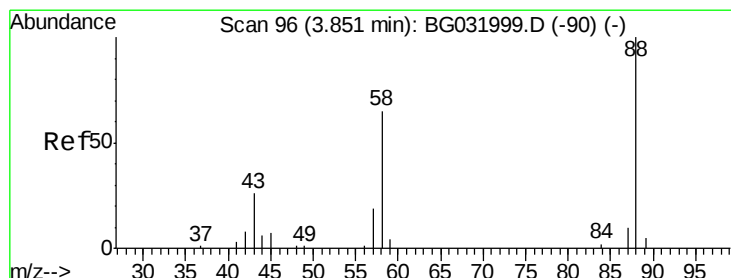
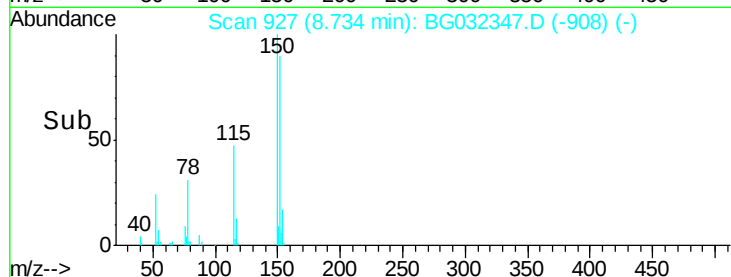
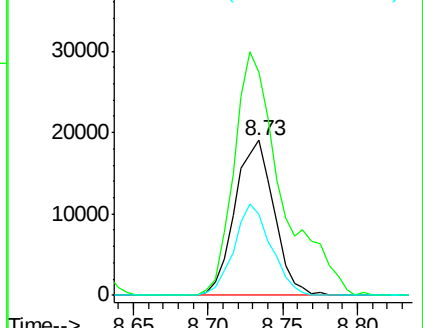
115 52.6 53.0 79.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 40.067 ng

RT: 3.83 min Scan# 92

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

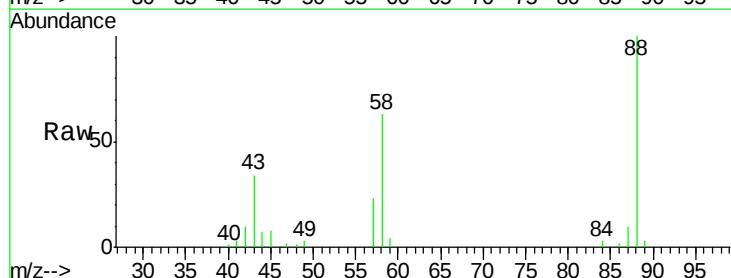
Tgt Ion: 88 Resp: 29102

Ion Ratio Lower Upper

88 100

58 62.0 79.6 119.4#

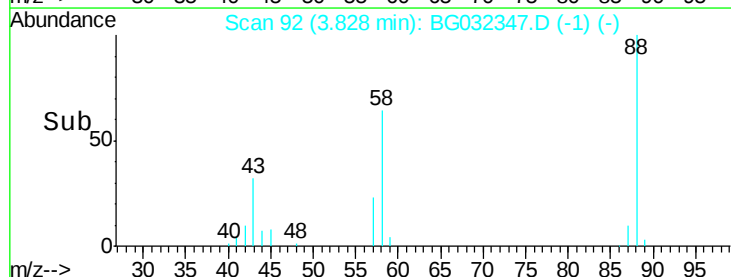
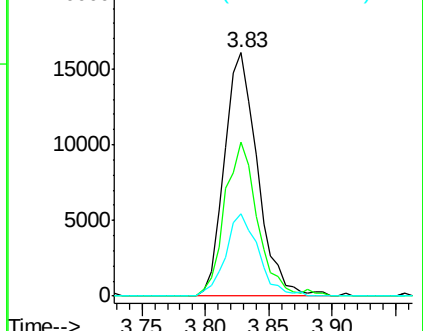
43 33.3 27.4 41.0

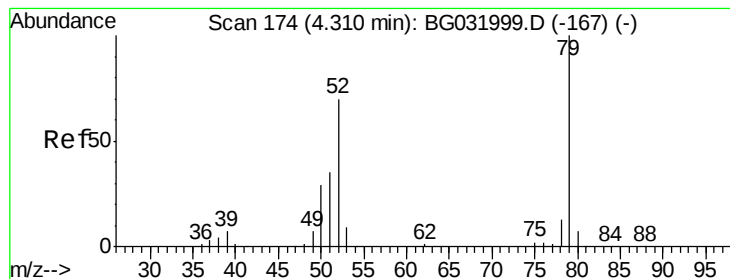


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.758 ng

RT: 4.28 min Scan# 169

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

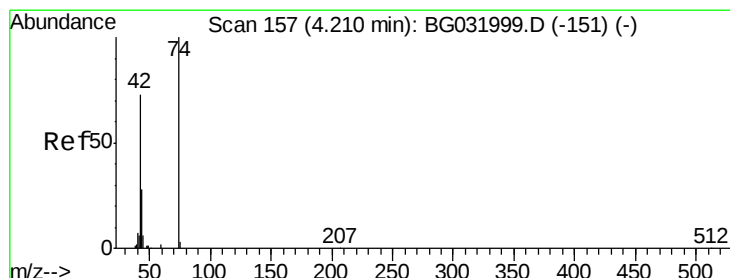
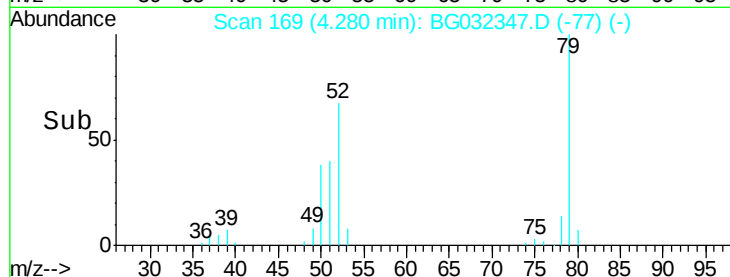
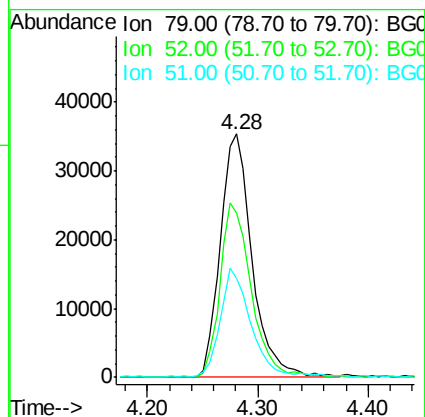
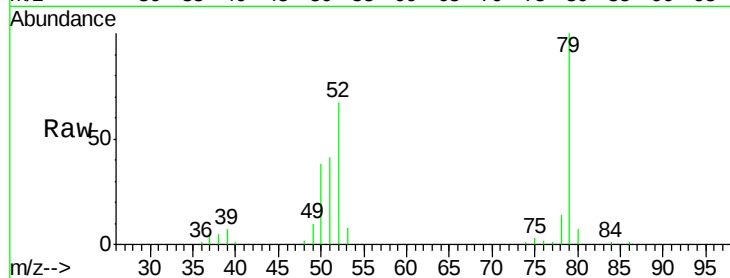
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 71265

Ion	Ratio	Lower	Upper
79	100		
52	67.4	69.9	104.9#
51	40.7	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 51.409 ng

RT: 4.19 min Scan# 153

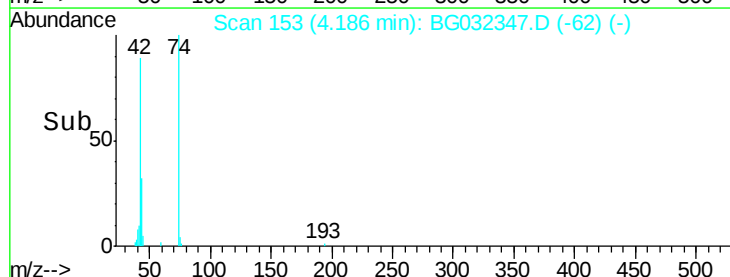
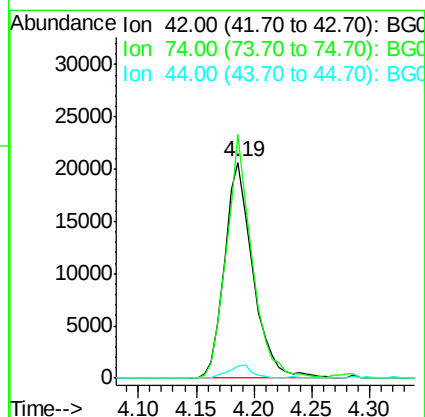
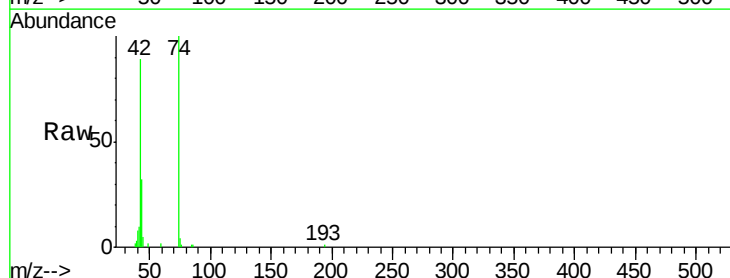
Delta R.T. 0.00 min

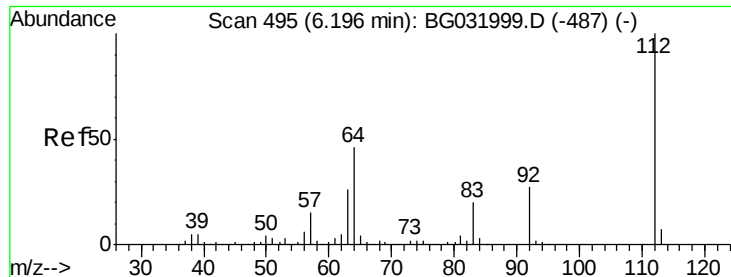
Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Tgt Ion: 42 Resp: 35016

Ion	Ratio	Lower	Upper
42	100		
74	112.8	102.5	153.7
44	5.5	18.9	28.3#





#5

2-Fluorophenol

Concen: 79.650 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

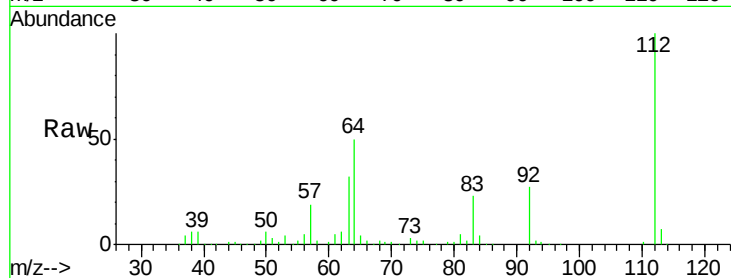
Tot Ion:112 Resp: 150588

Ion Ratio Lower Upper

112 100

64 50.2 56.3 84.5#

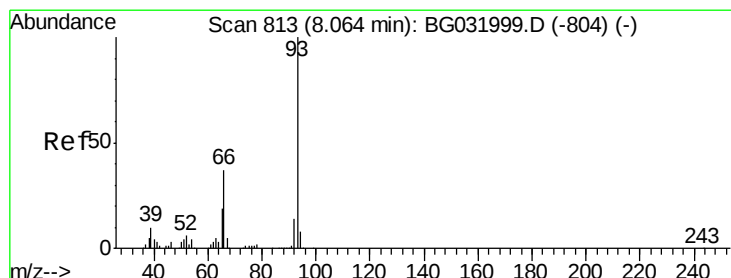
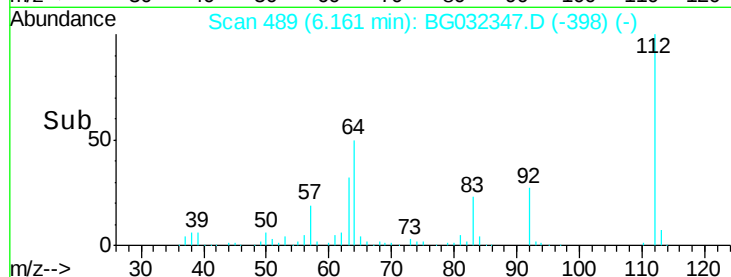
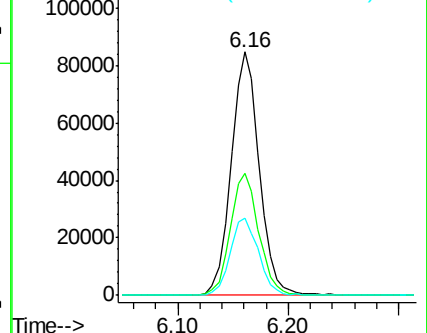
63 31.8 30.1 45.1



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: 39.522 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

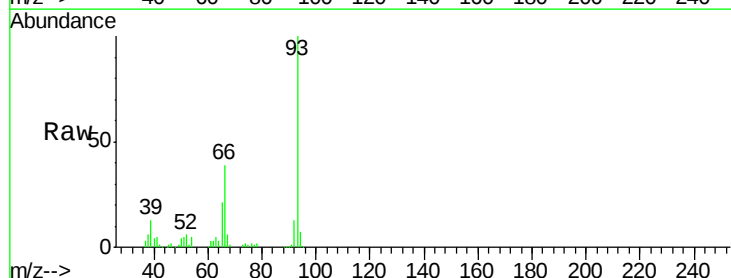
Tgt Ion: 93 Resp: 118698

Ion Ratio Lower Upper

93 100

66 38.6 33.7 50.5

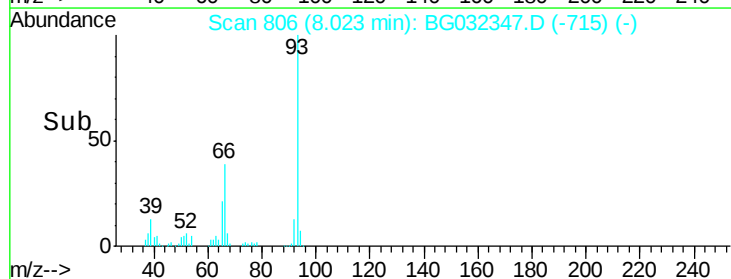
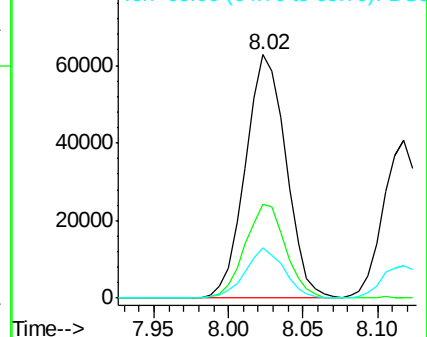
65 20.9 16.1 24.1

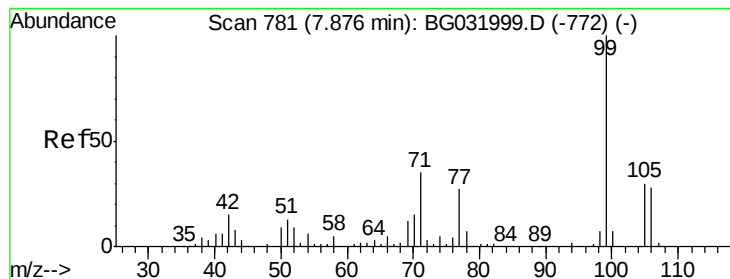


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.939 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

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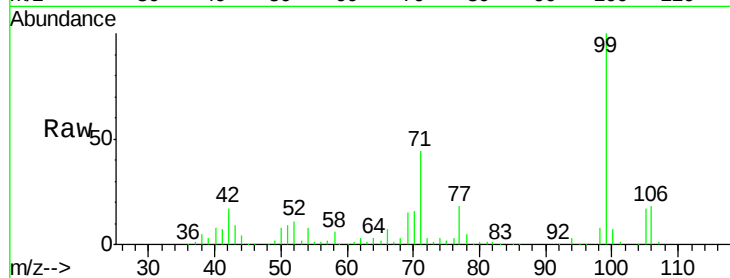
Tot Ion: 99 Resp: 195106

Ion Ratio Lower Upper

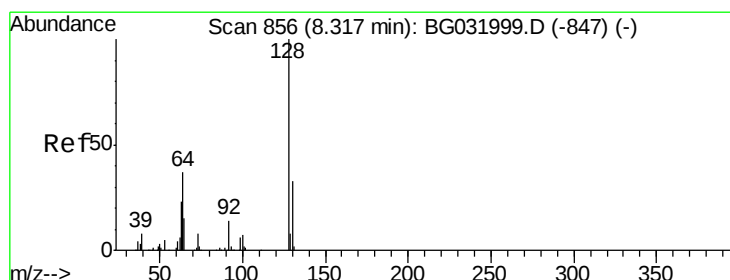
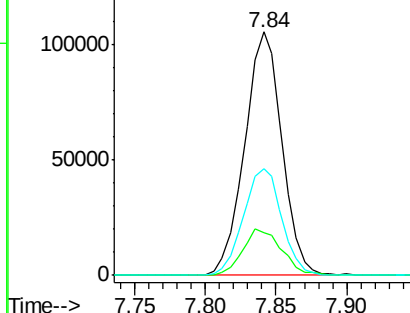
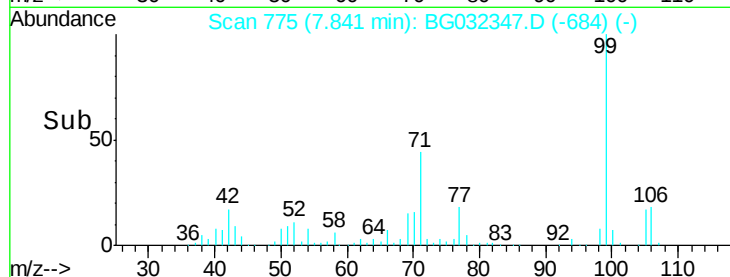
99 100

42 17.3 14.1 21.1

71 44.0 26.1 39.1#



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



#8

2-Chlorophenol

Concen: 40.598 ng

RT: 8.28 min Scan# 849

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

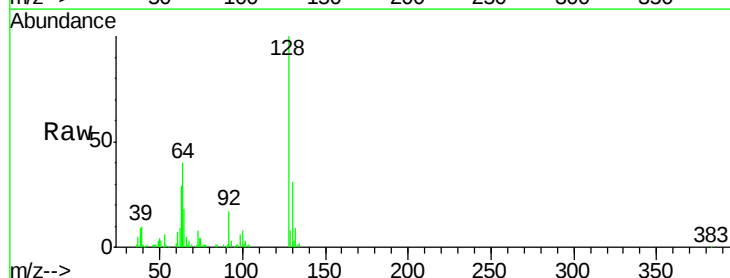
Tgt Ion:128 Resp: 85889

Ion Ratio Lower Upper

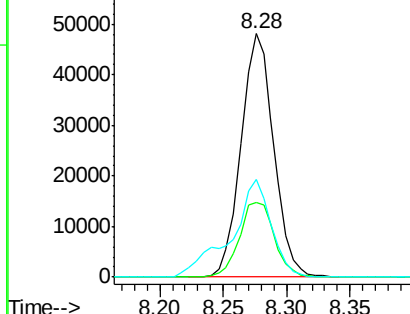
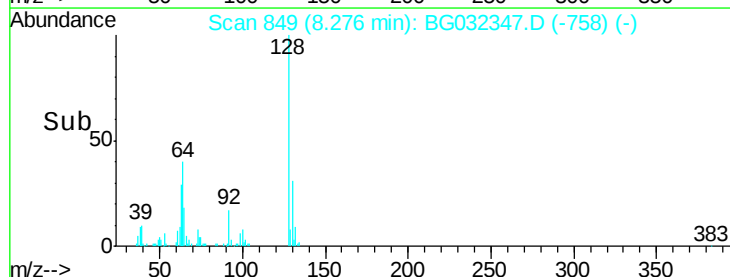
128 100

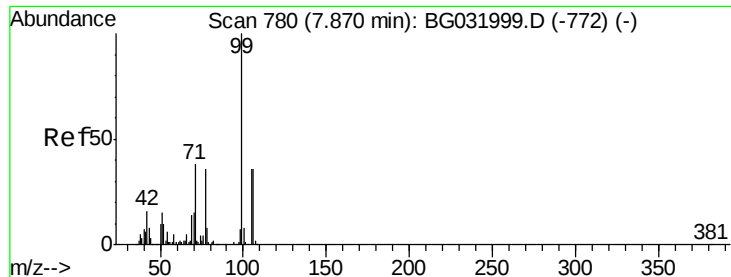
130 30.7 14.0 54.0

64 40.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 35.298 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

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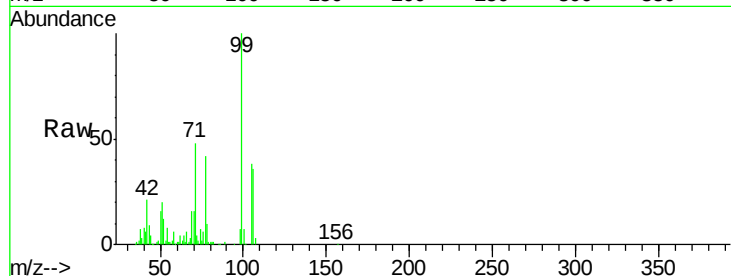
Tot Ion: 77 Resp: 48698

Ion Ratio Lower Upper

77 100

105 90.7 71.3 111.3

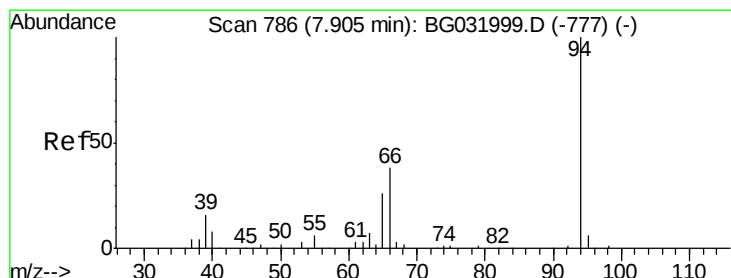
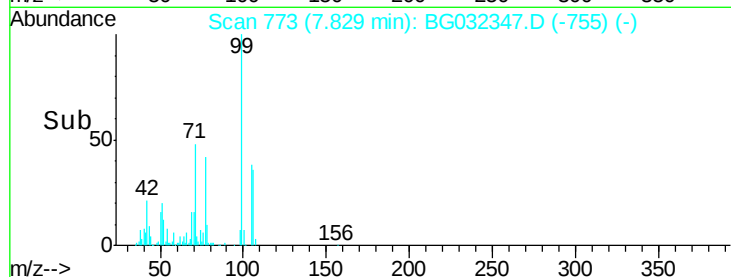
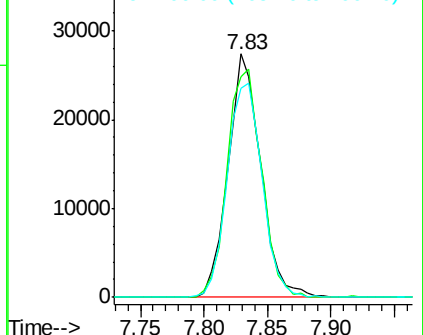
106 85.7 64.2 104.2



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: 38.992 ng

RT: 7.87 min Scan# 780

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

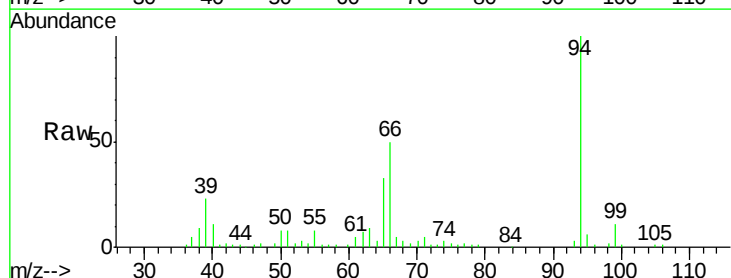
Tgt Ion: 94 Resp: 91459

Ion Ratio Lower Upper

94 100

65 33.3 11.9 51.9

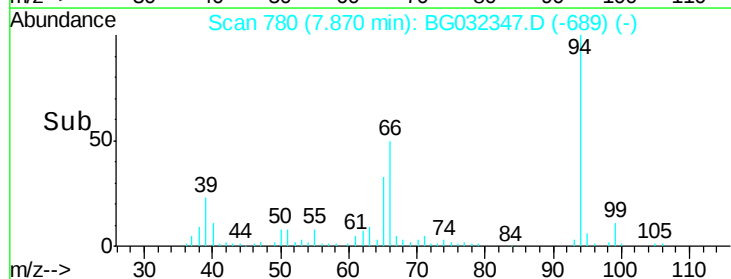
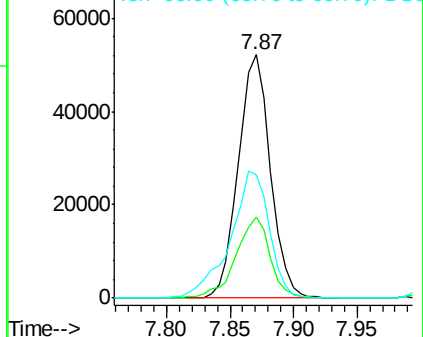
66 50.5 22.2 62.2

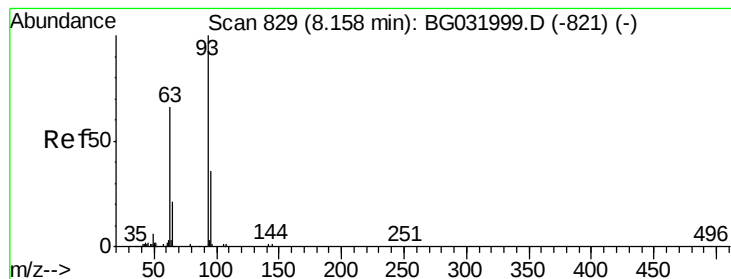


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 36.649 ng

RT: 8.12 min Scan# 822

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

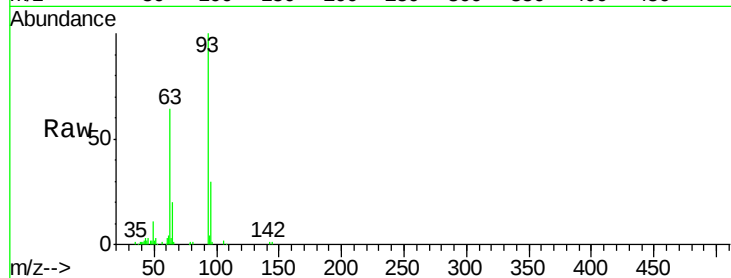
Tot Ion: 93 Resp: 68869

Ion Ratio Lower Upper

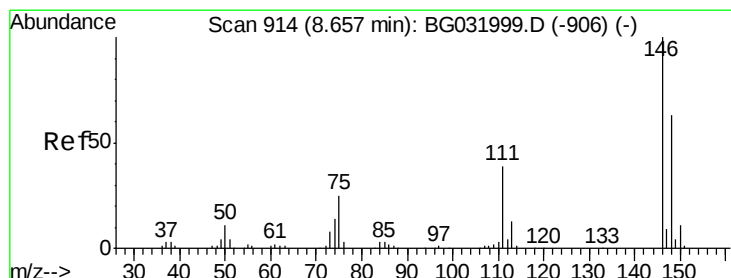
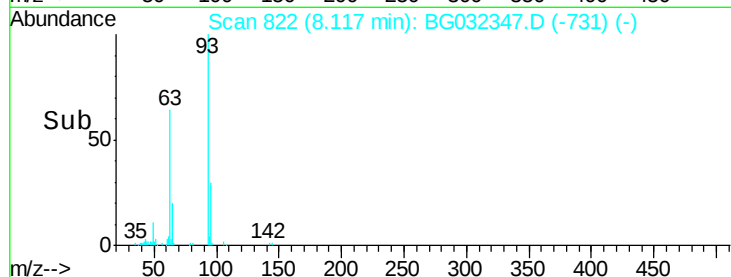
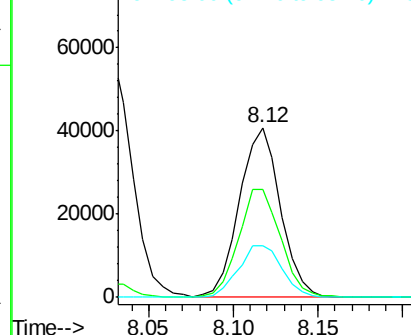
93 100

63 63.6 67.1 107.1#

95 30.4 11.5 51.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.684 ng

RT: 8.62 min Scan# 907

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

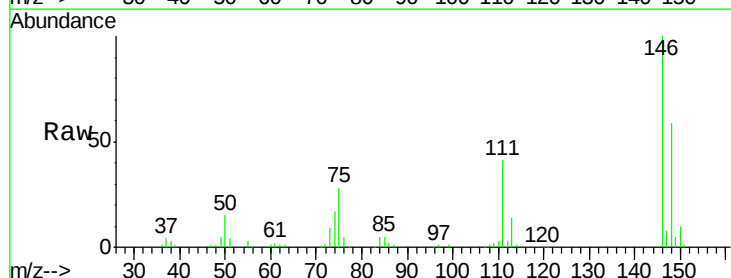
Tgt Ion: 146 Resp: 118186

Ion Ratio Lower Upper

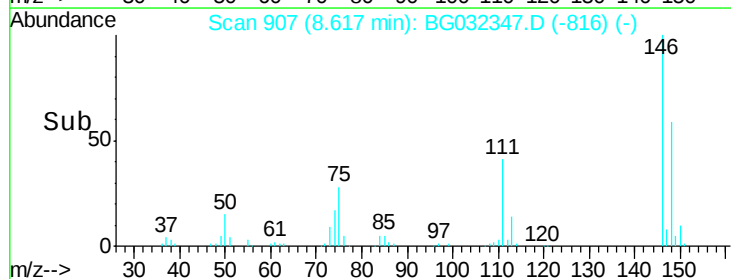
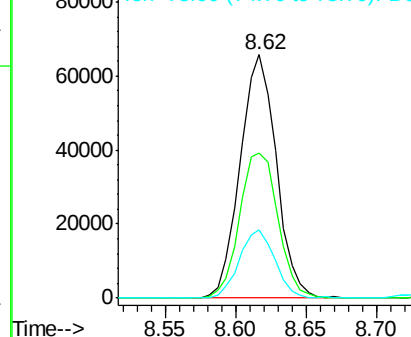
146 100

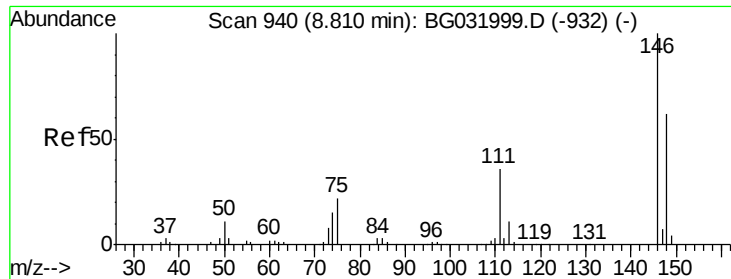
148 59.5 51.4 77.2

75 27.9 26.6 39.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

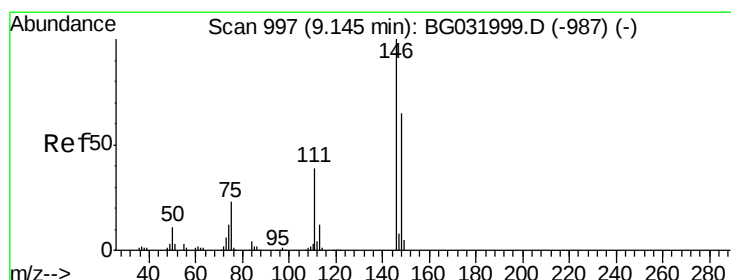
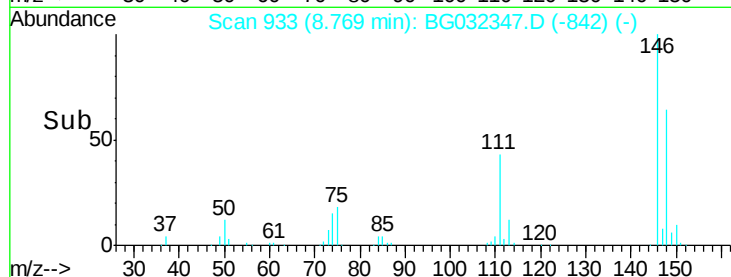
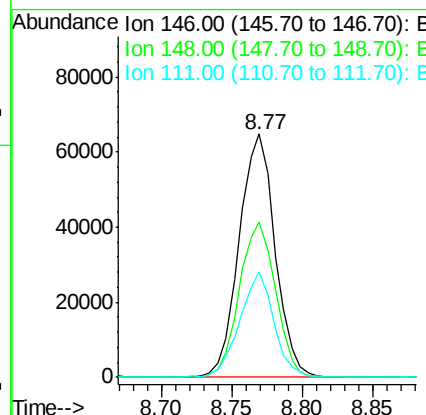
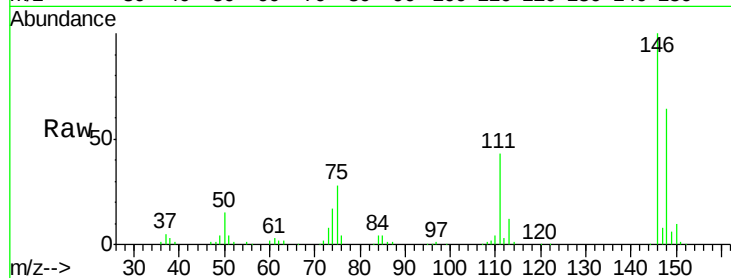




#13
 1,4-Dichlorobenzene
 Concen: 41.414 ng
 RT: 8.77 min Scan# 933
 Delta R.T. 0.00 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

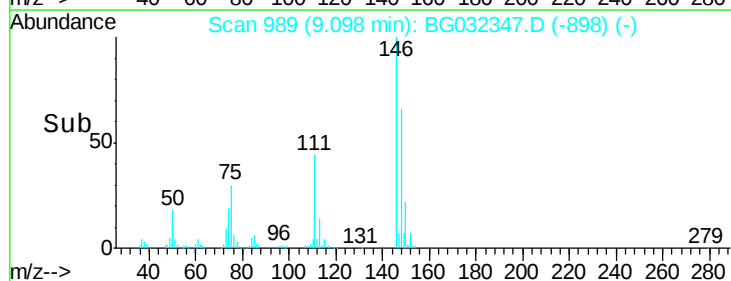
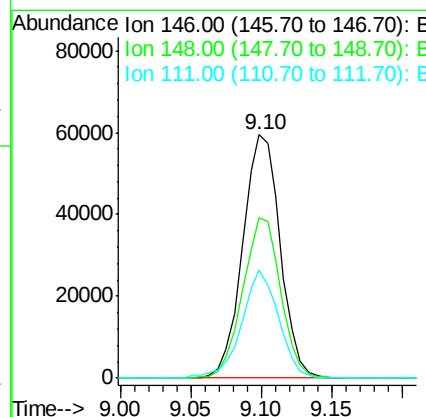
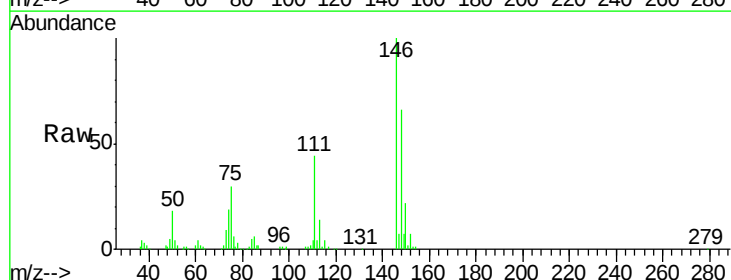
Instrument :
 BNA_G
 ClientSampleId :

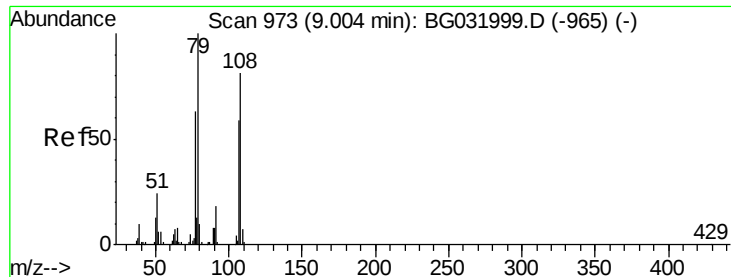
Tot Ion:146 Resp: 115458
 Ion Ratio Lower Upper
 146 100
 148 64.0 53.7 80.5
 111 43.4 35.2 52.8



#14
 1,2-Dichlorobenzene
 Concen: 40.850 ng
 RT: 9.10 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:146 Resp: 110150
 Ion Ratio Lower Upper
 146 100
 148 65.8 49.3 73.9
 111 44.2 34.3 51.5





#15

Benzyl Alcohol

Concen: 45.704 ng

RT: 8.97 min Scan# 967

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

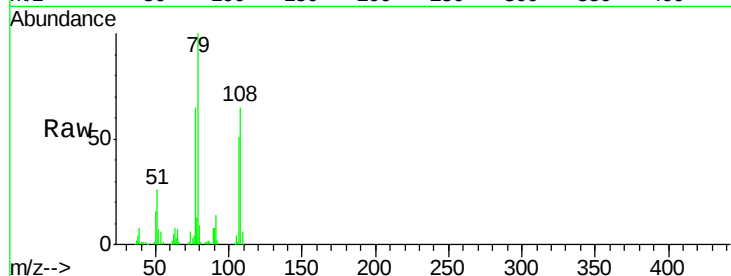
Tot Ion: 79 Resp: 79058

Ion Ratio Lower Upper

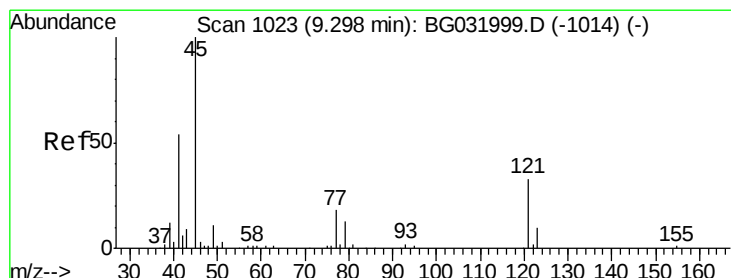
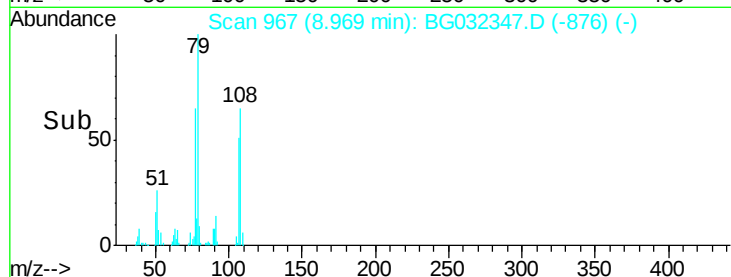
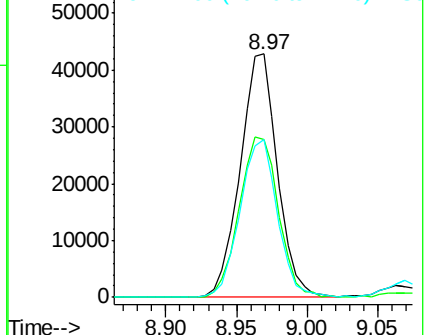
79 100

108 64.7 57.2 85.8

77 64.7 46.1 69.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.540 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

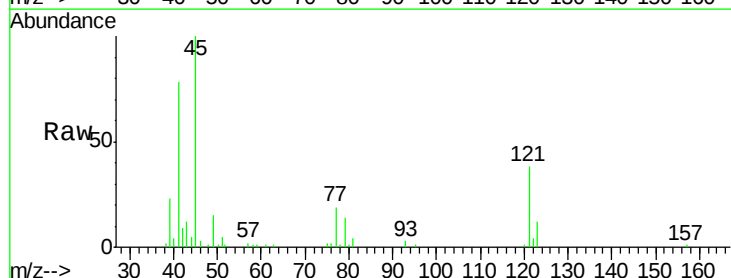
Tgt Ion: 45 Resp: 67873

Ion Ratio Lower Upper

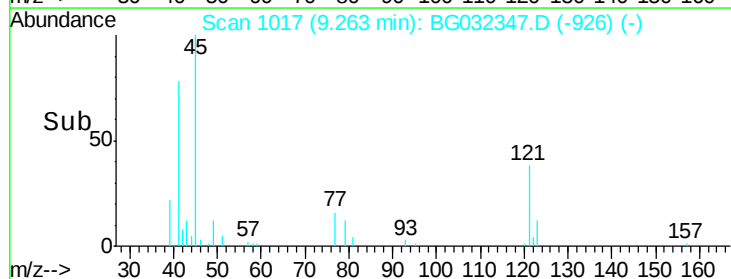
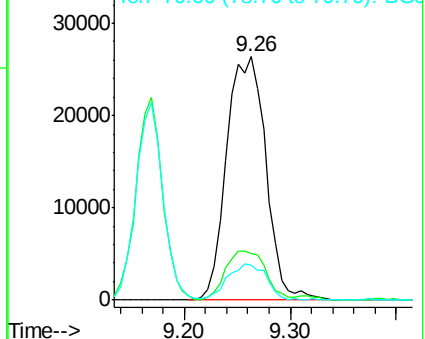
45 100

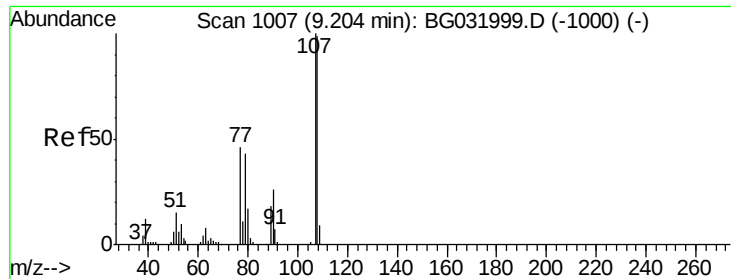
77 19.0 0.0 30.2

79 14.4 0.0 27.9



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

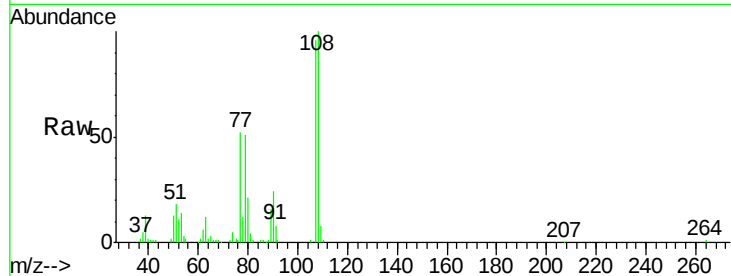




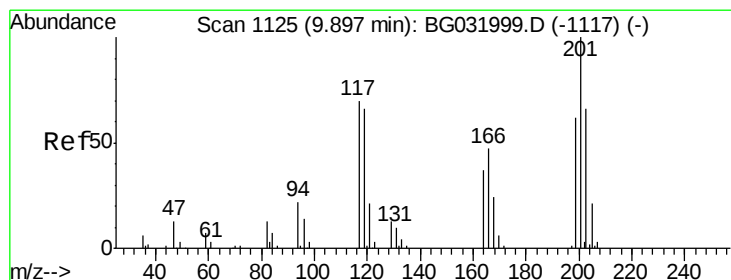
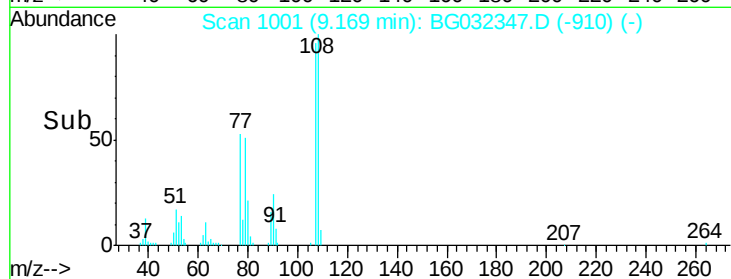
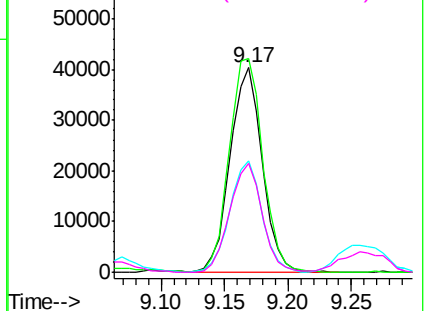
#17
2-Methylphenol
Concen: 39.323 ng
RT: 9.17 min Scan# 1001
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 70488
Ion Ratio Lower Upper
107 100
108 104.5 83.9 125.9
77 54.6 37.2 55.8
79 53.0 36.2 54.2

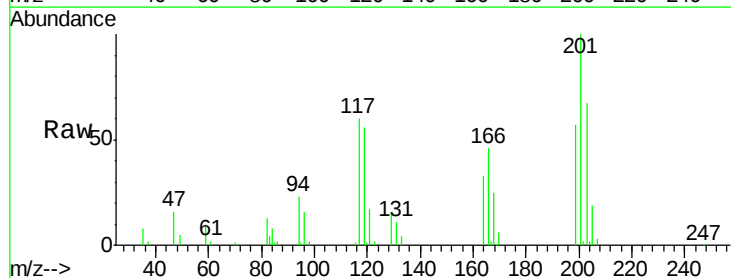


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

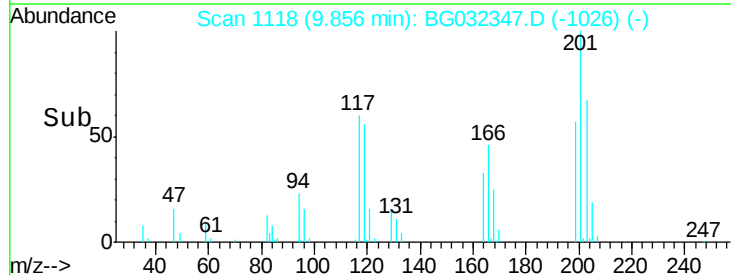
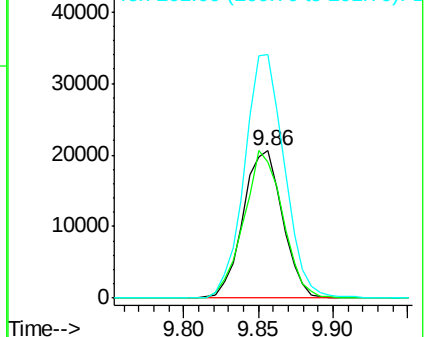


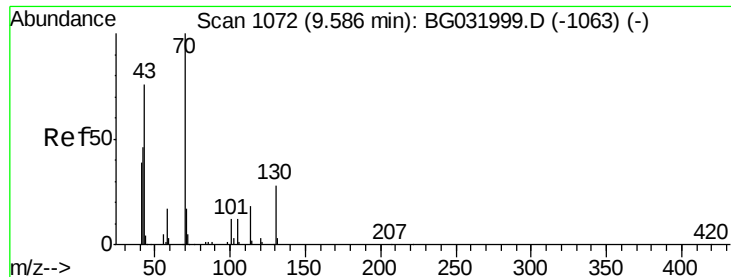
#18
Hexachloroethane
Concen: 43.937 ng
RT: 9.86 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:117 Resp: 37645
Ion Ratio Lower Upper
117 100
119 92.5 76.7 115.1
201 165.5 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

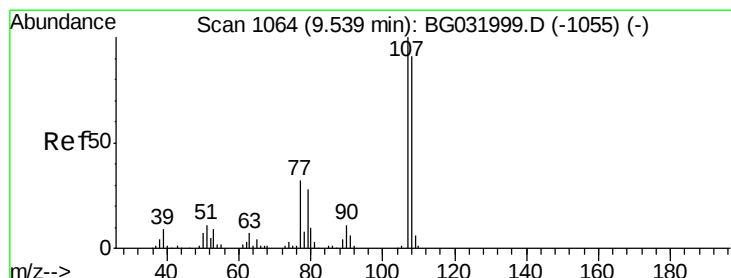
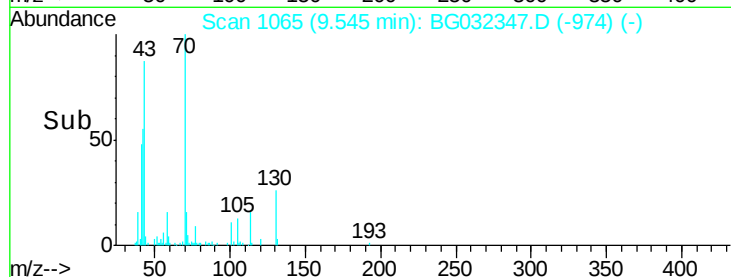
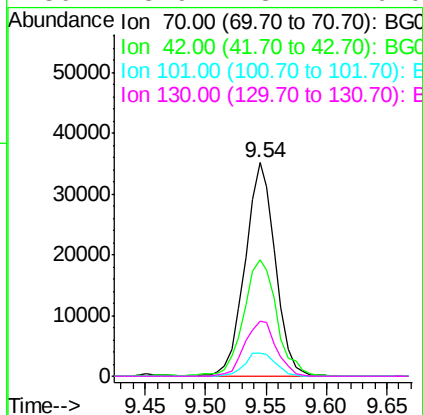
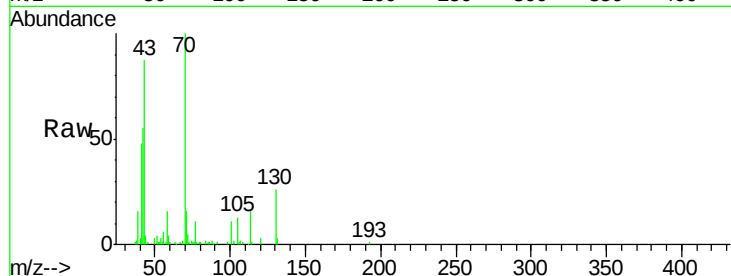




#19
n-Nitroso-di-n-propylamine
Concen: 41.224 ng
RT: 9.54 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

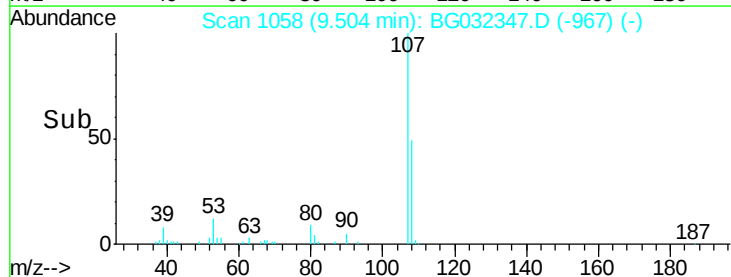
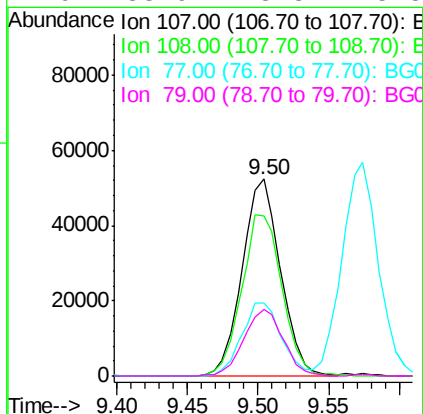
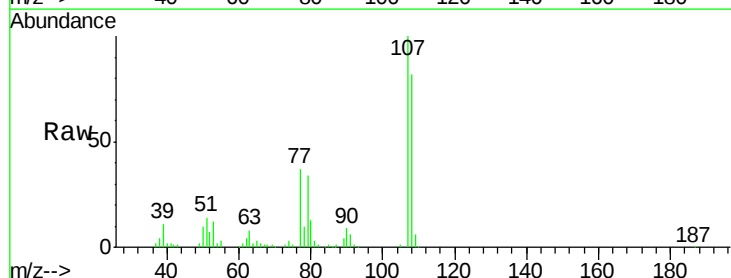
Instrument :
BNA_G
ClientSampleId :

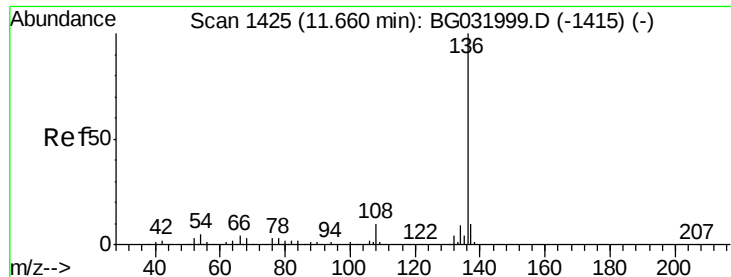
Tot Ion: 70 Resp: 60904
Ion Ratio Lower Upper
70 100
42 54.8 49.1 73.7
101 10.7 8.5 12.7
130 25.9 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.148 ng
RT: 9.50 min Scan# 1058
Delta R.T. 0.00 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:107 Resp: 99698
Ion Ratio Lower Upper
107 100
108 81.6 61.6 101.6
77 37.4 13.9 53.9
79 33.9 8.8 48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.61 min Scan# 1417

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 134993

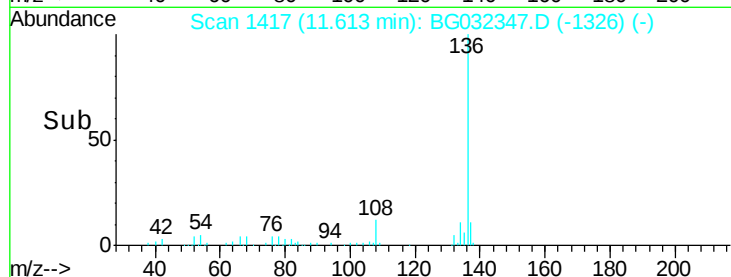
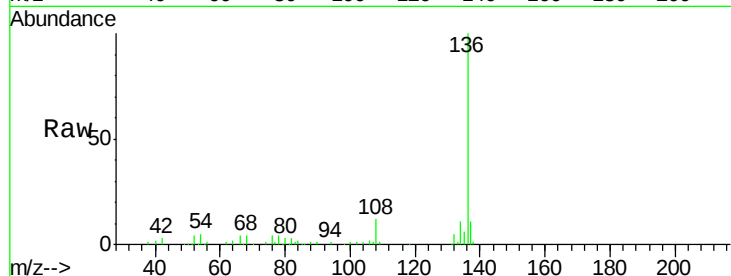
Ion Ratio Lower Upper

136 100

137 11.5 9.2 13.8

54 4.8 10.3 15.5#

68 3.8 4.5 6.7#

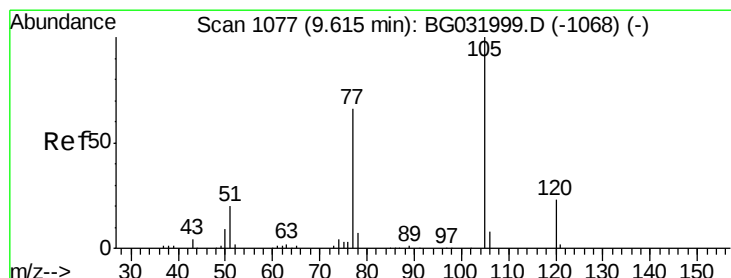
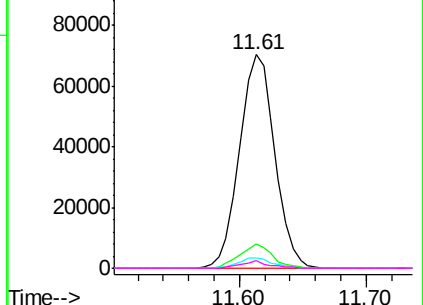


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.357 ng

RT: 9.57 min Scan# 1070

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Tgt Ion:105 Resp: 132947

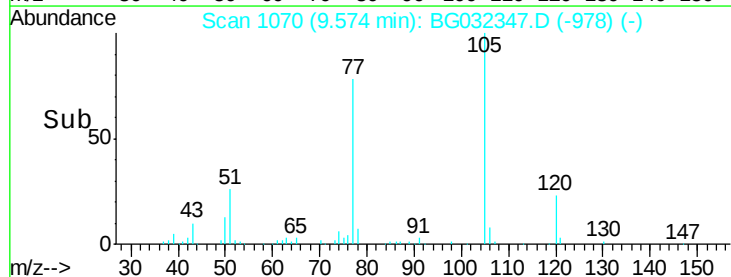
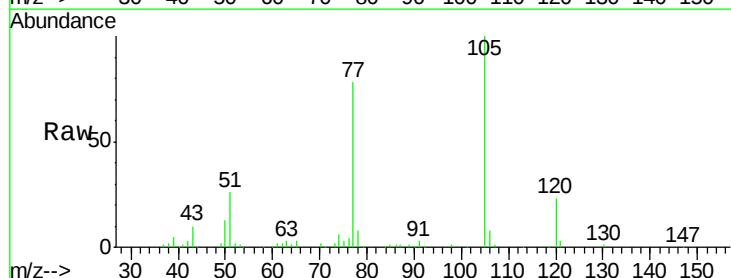
Ion Ratio Lower Upper

105 100

71 0.3 3.0 4.4#

51 26.3 26.1 39.1

120 22.8 17.4 26.2

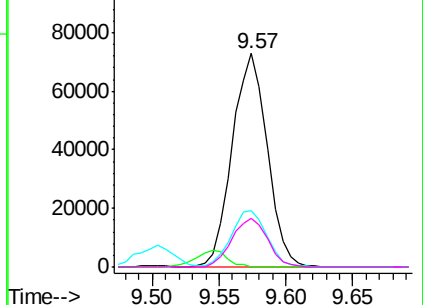


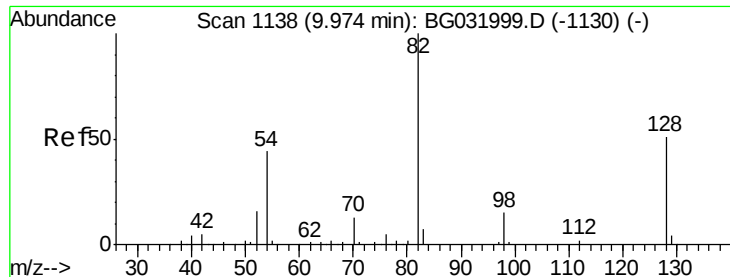
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

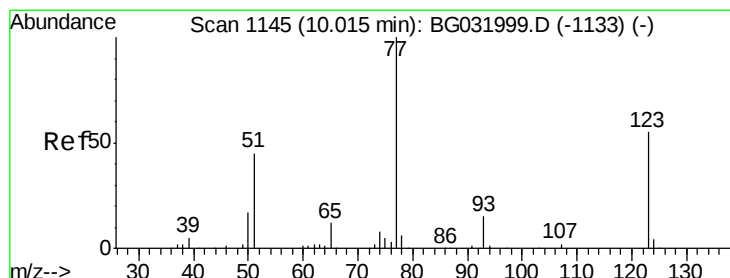
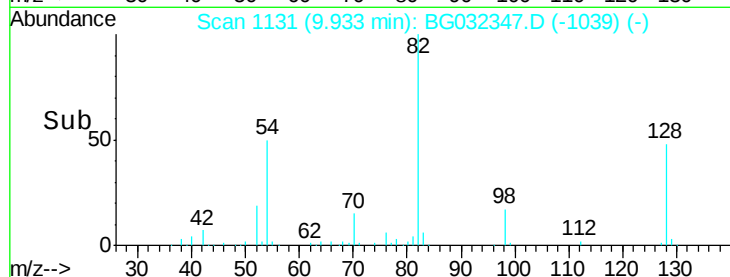
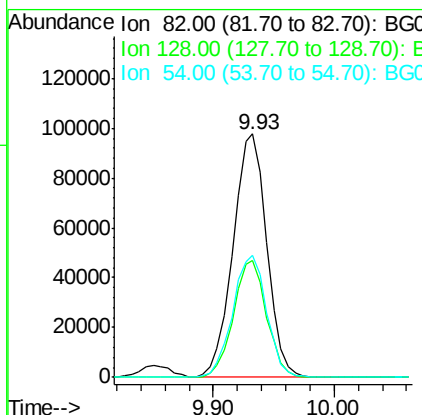
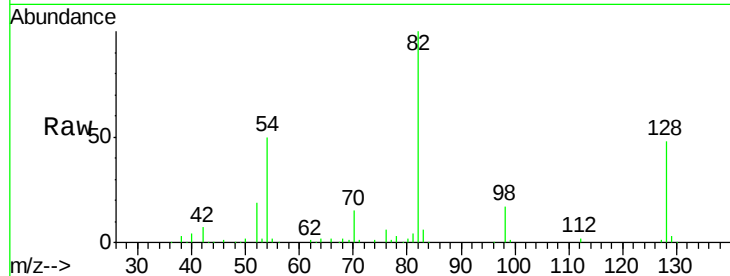




#23
 Nitrobenzene-d5
 Concen: 95.154 ng
 RT: 9.93 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

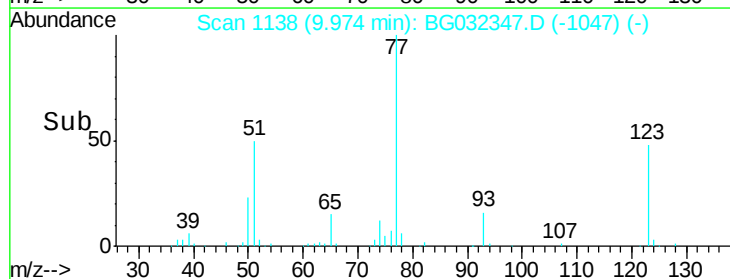
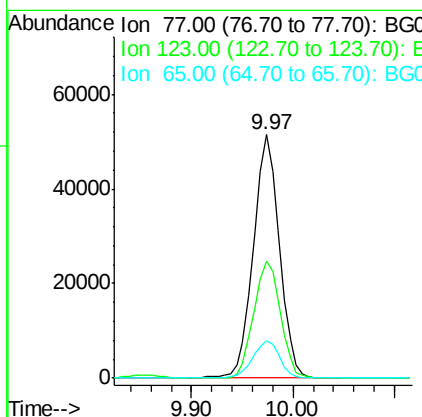
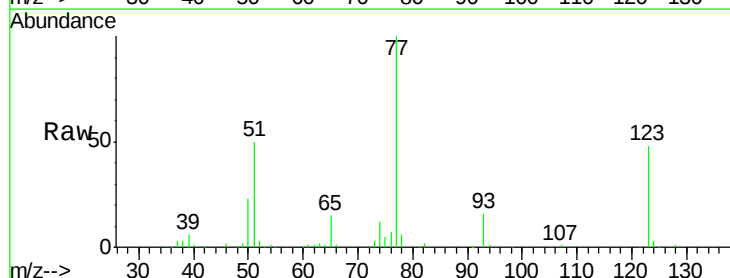
Instrument :
 BNA_G
 ClientSampleId :

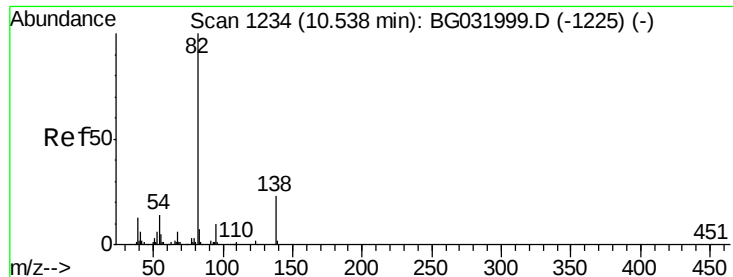
Tot Ion	82	Resp	189865
Ion Ratio	100	Lower	Upper
128	47.9	29.7	44.5#
54	50.1	43.1	64.7



#24
 Nitrobenzene
 Concen: 46.060 ng
 RT: 9.97 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion	77	Resp	91674
Ion Ratio	100	Lower	Upper
123	48.1	33.0	49.6
65	15.3	13.0	19.6





#25

Isophorone

Concen: 42.584 ng

RT: 10.50 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

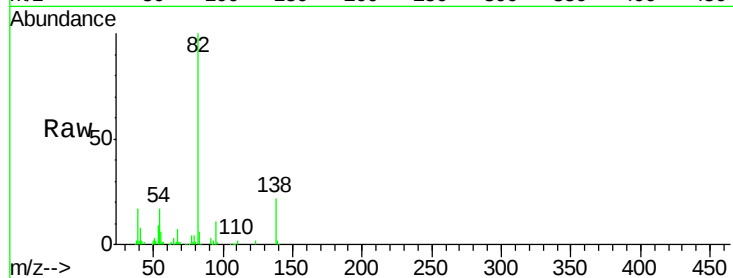
Tot Ion: 82 Resp: 158215

Ion Ratio Lower Upper

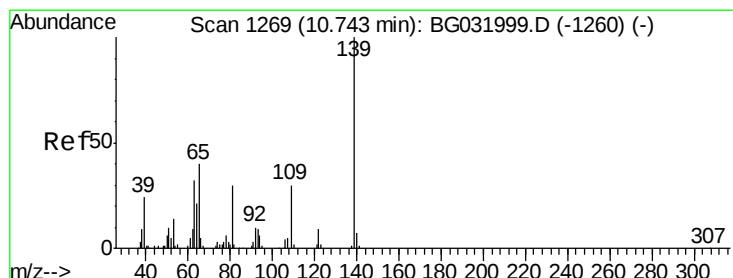
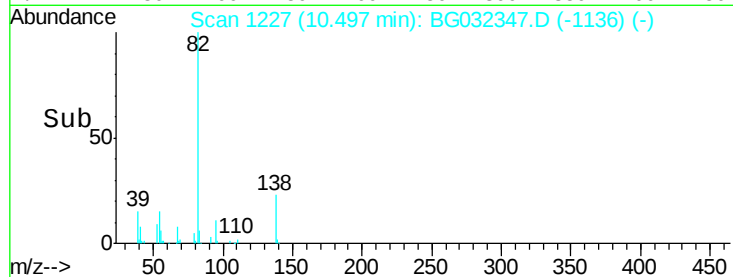
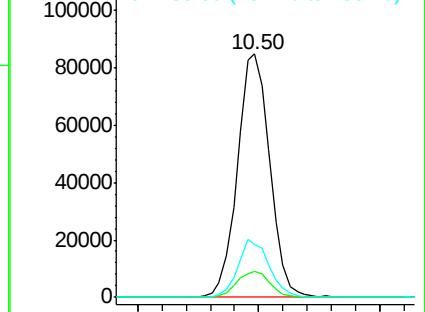
82 100

95 10.7 6.2 9.2#

138 21.5 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 45.775 ng

RT: 10.70 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

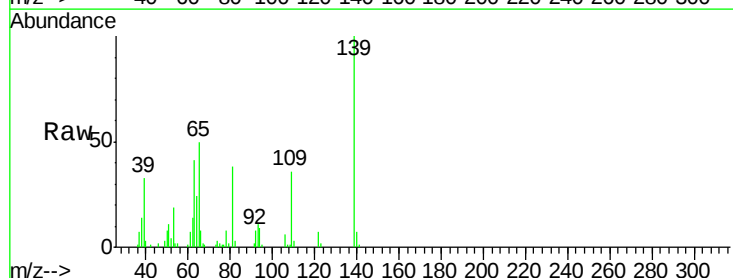
Tgt Ion: 139 Resp: 53984

Ion Ratio Lower Upper

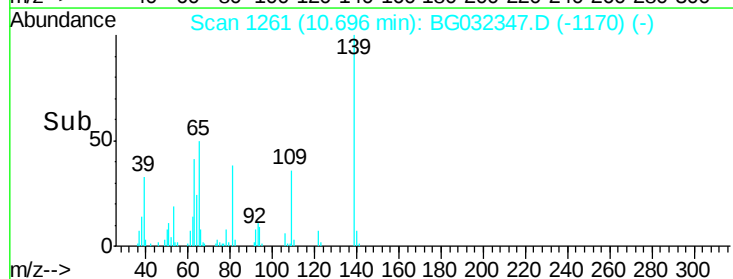
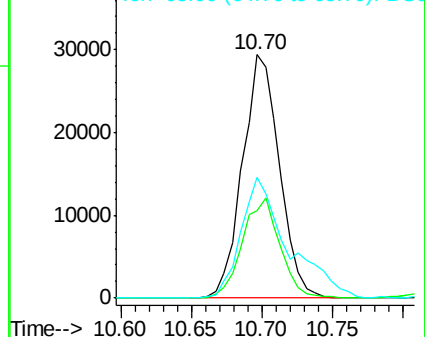
139 100

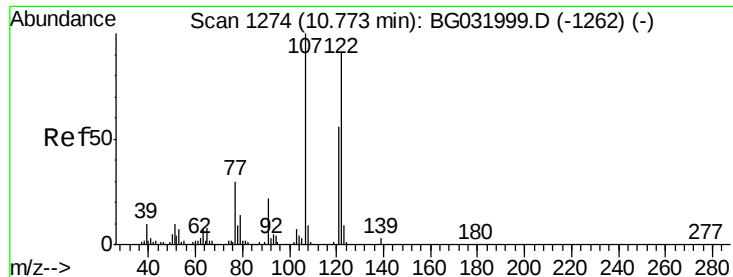
109 35.8 24.2 36.2

65 49.6 47.4 71.0



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

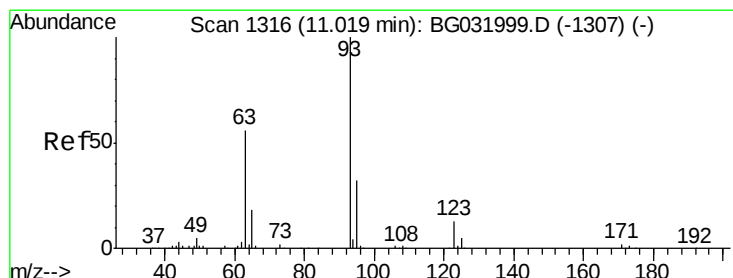
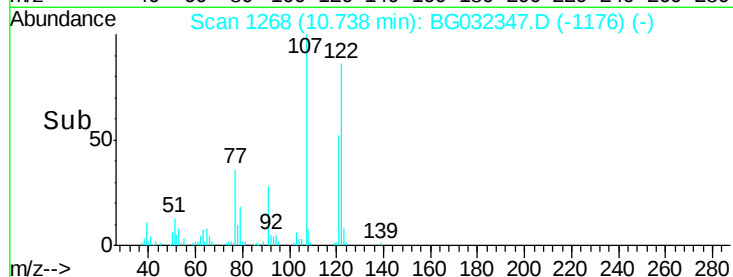
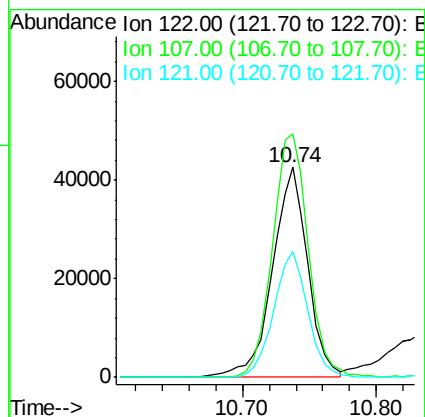
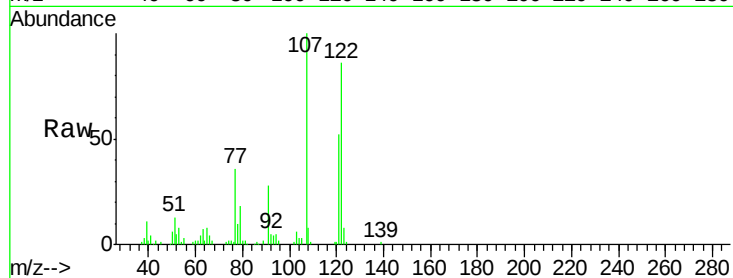




#27
 2,4-Dimethylphenol
 Concen: 41.771 ng
 RT: 10.74 min Scan# 1268
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

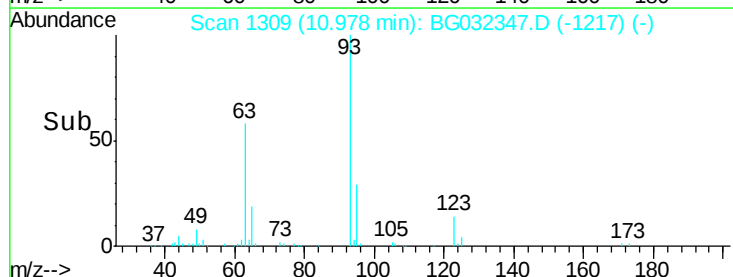
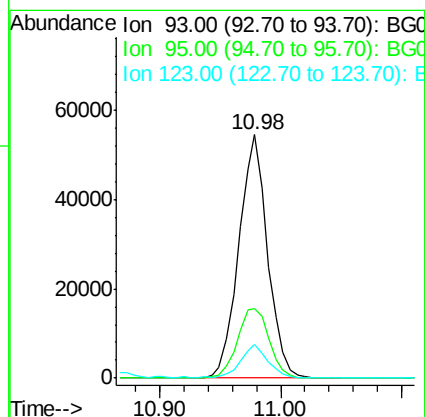
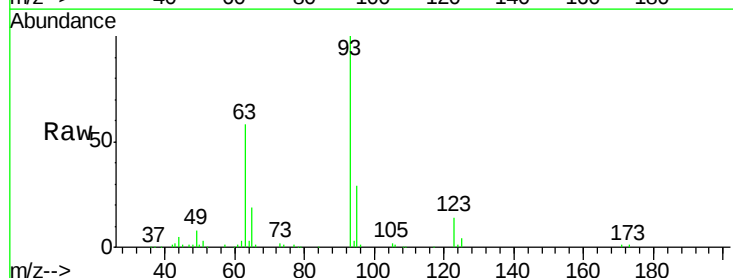
Instrument :
 BNA_G
 ClientSampleId :

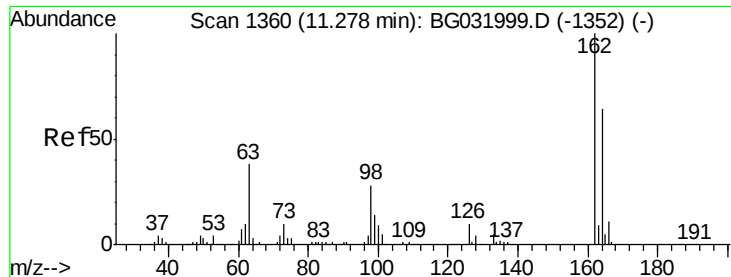
Tot Ion:122 Resp: 78173
 Ion Ratio Lower Upper
 122 100
 107 116.1 100.2 150.2
 121 60.0 44.4 66.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.304 ng
 RT: 10.98 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion: 93 Resp: 90220
 Ion Ratio Lower Upper
 93 100
 95 28.8 24.3 36.5
 123 13.7 8.4 12.6#

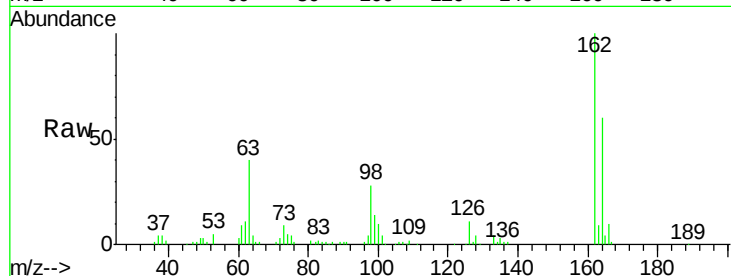




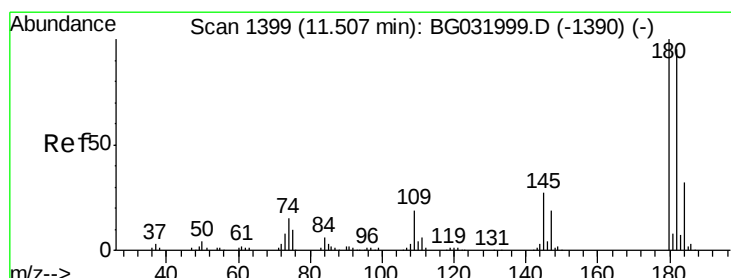
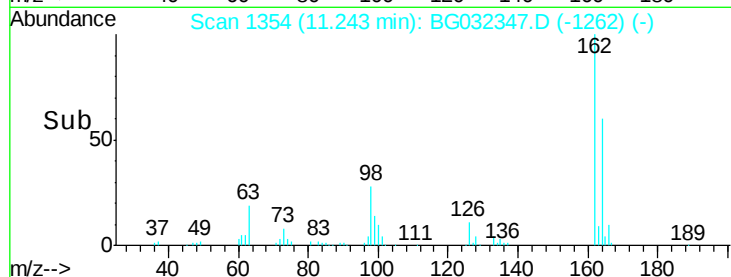
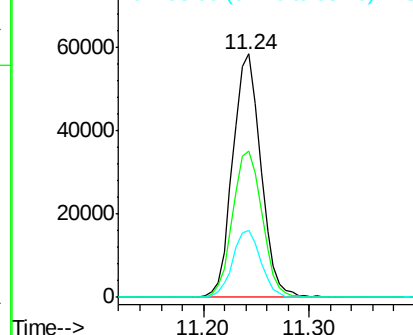
#29
2,4-Dichlorophenol
Concen: 46.609 ng
RT: 11.24 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.1	48.0	88.0
98	27.7	21.1	61.1

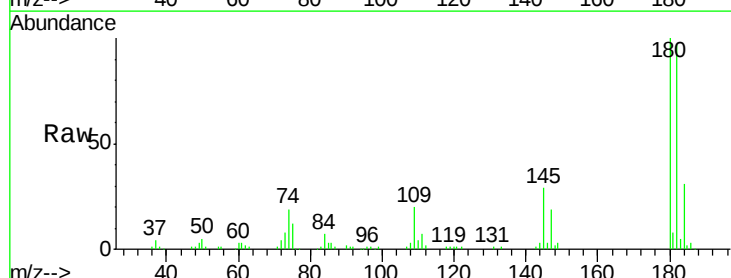


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): B

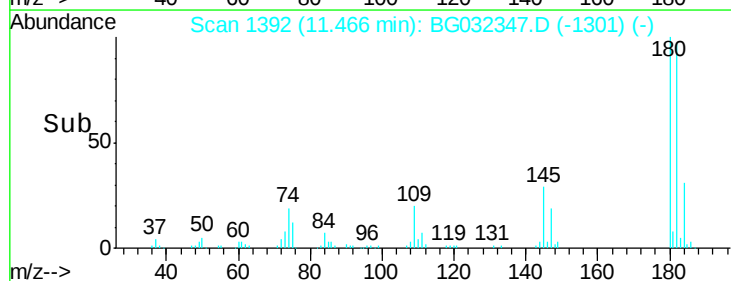
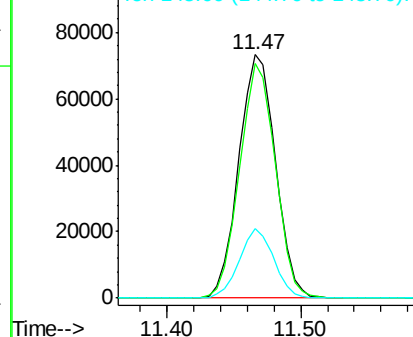


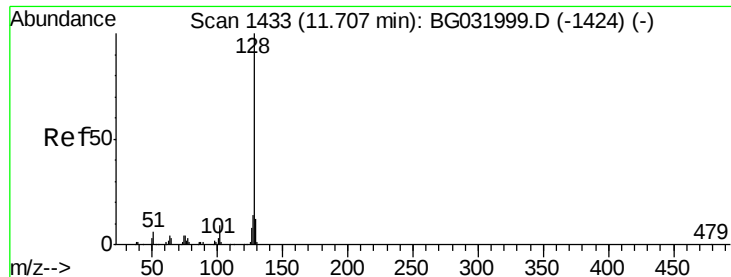
#30
1,2,4-Trichlorobenzene
Concen: 46.834 ng
RT: 11.47 min Scan# 1392
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	77.5	116.3
145	28.6	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

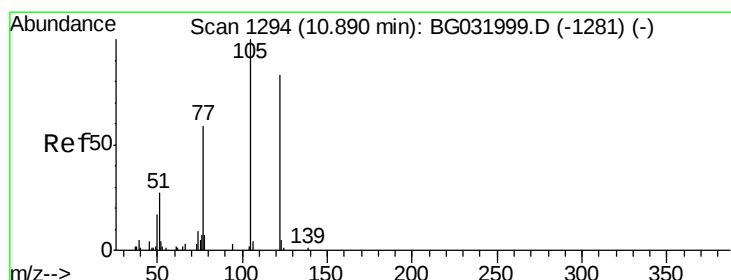
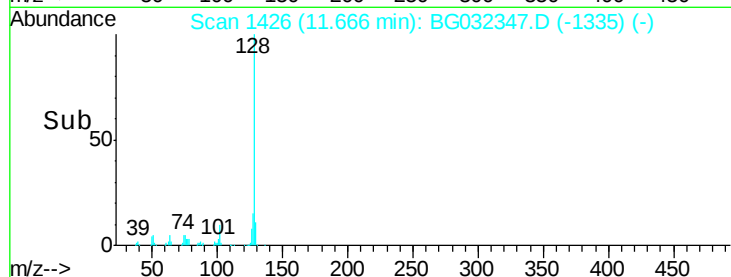
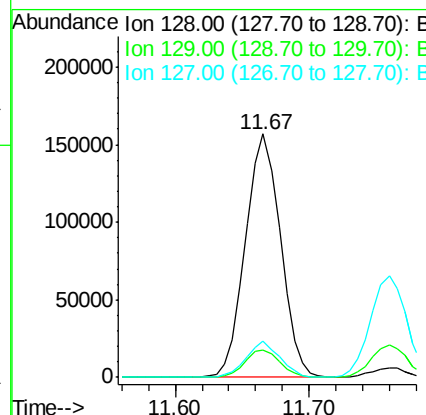
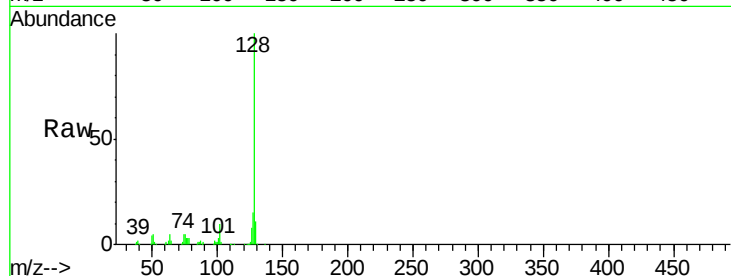




#31
Naphthalene
Concen: 42.786 ng
RT: 11.67 min Scan# 1426
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

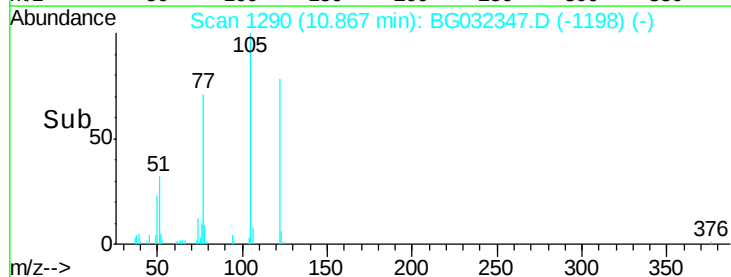
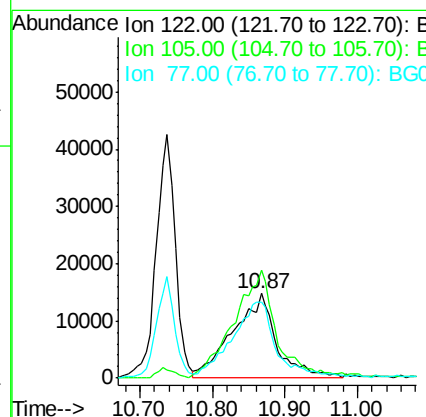
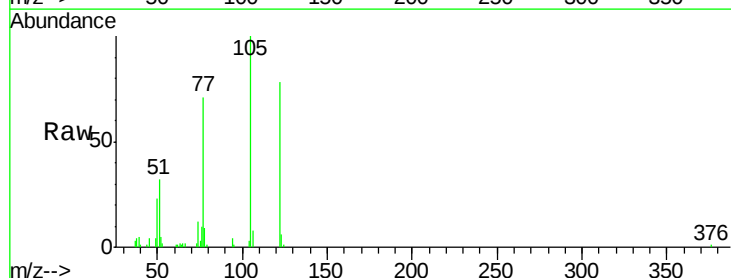
Instrument :
BNA_G
ClientSampleId :

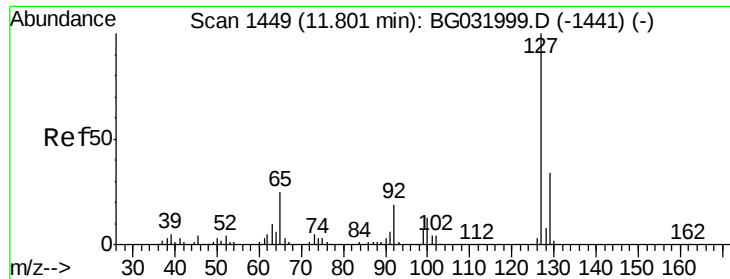
Tot Ion:128 Resp: 286123
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.8 11.6 17.4



#32
Benzoic acid
Concen: 42.079 ng
RT: 10.87 min Scan# 1290
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:122 Resp: 62080
Ion Ratio Lower Upper
122 100
105 127.6 123.5 163.5
77 90.1 85.7 125.7

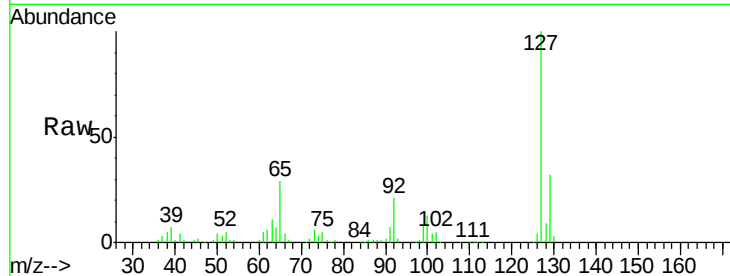




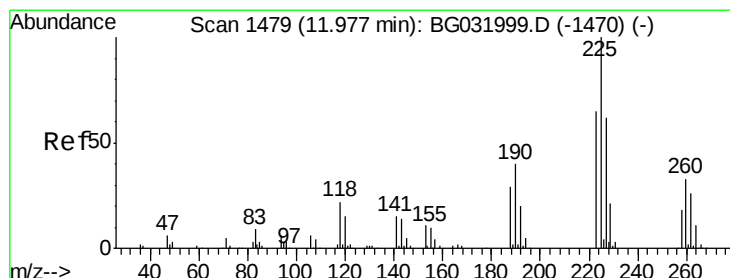
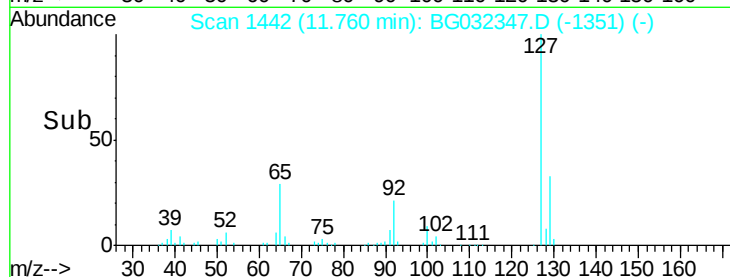
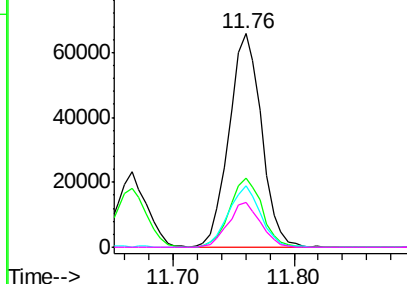
#33
4-Chloroaniline
Concen: 43.041 ng
RT: 11.76 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	123425
Ion	Ratio	Lower	Upper
127	100		
129	32.3	24.0	36.0
65	29.0	27.0	40.4
92	21.0	16.6	25.0

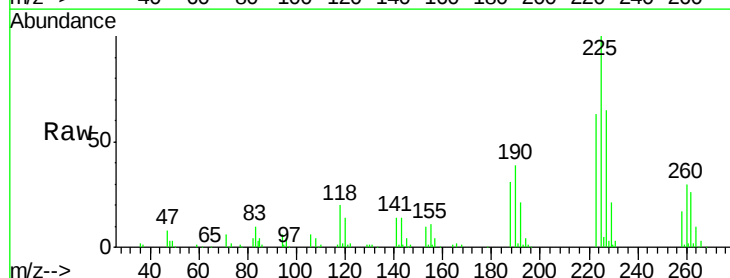


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

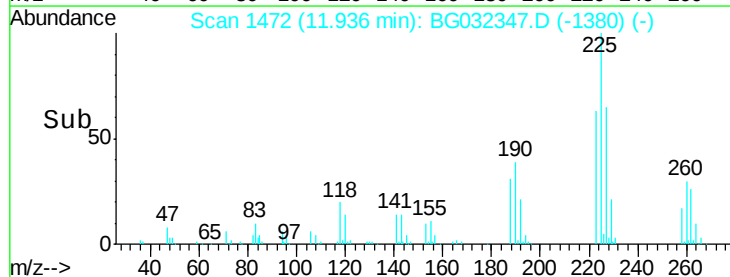
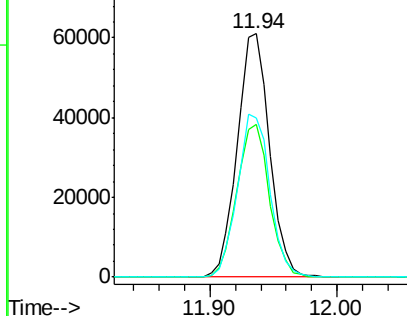


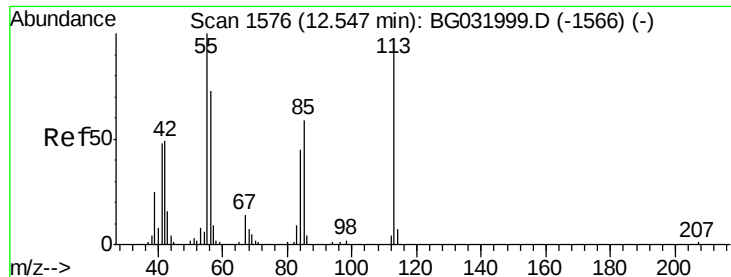
#34
Hexachlorobutadiene
Concen: 50.437 ng
RT: 11.94 min Scan# 1472
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:	225	Resp:	107735
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	65.4	48.1	72.1



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





#35

Caprolactam

Concen: 43.601 ng

RT: 12.51 min Scan# 1570

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

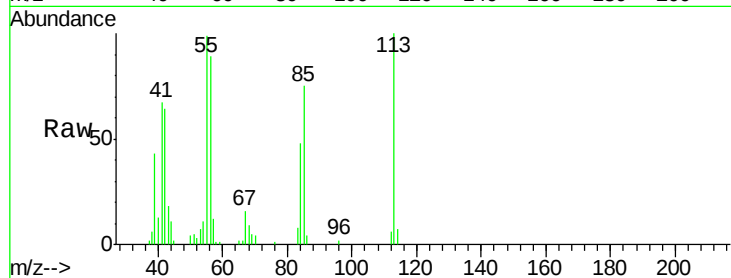
Tot Ion:113 Resp: 30460

Ion Ratio Lower Upper

113 100

55 98.7 186.9 226.9#

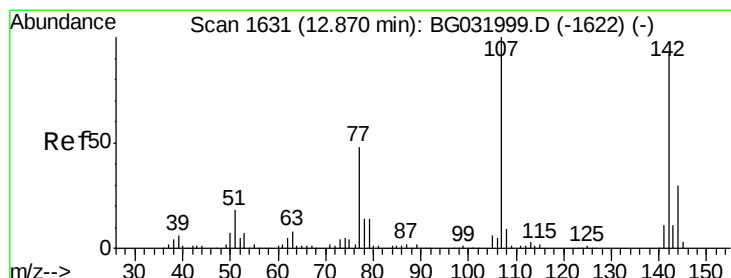
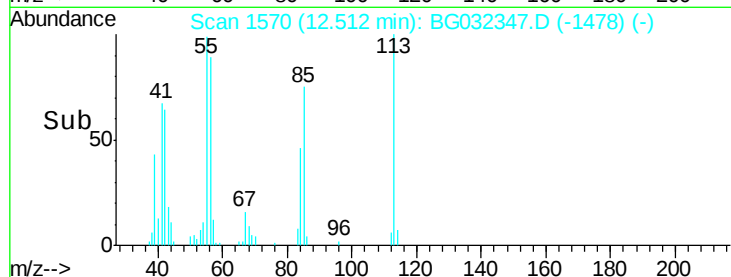
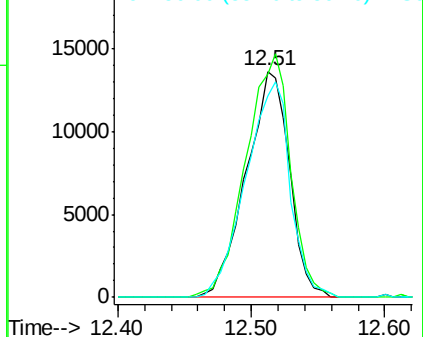
56 89.0 130.9 170.9#



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: 44.758 ng

RT: 12.84 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

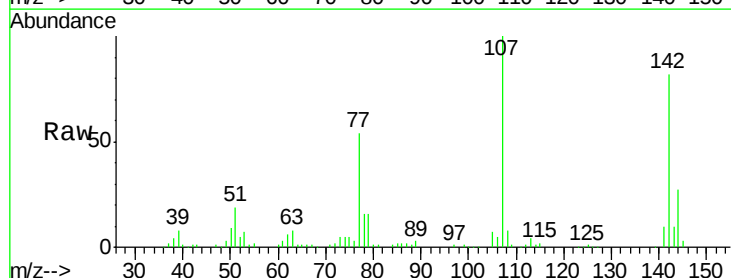
Tgt Ion:107 Resp: 94339

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

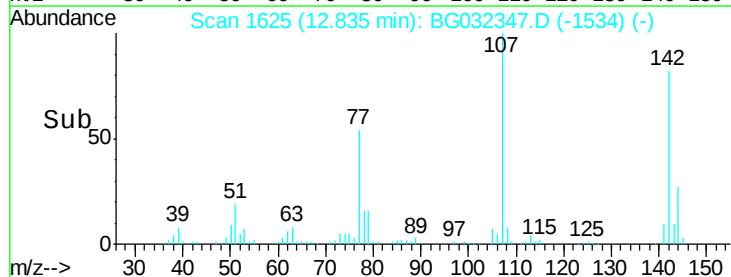
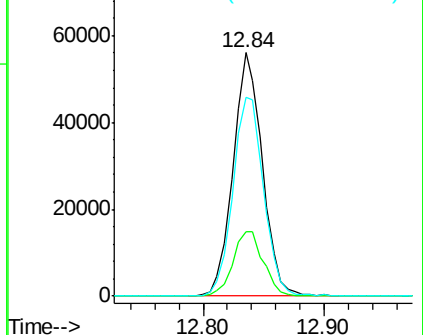
142 81.5 59.0 88.4

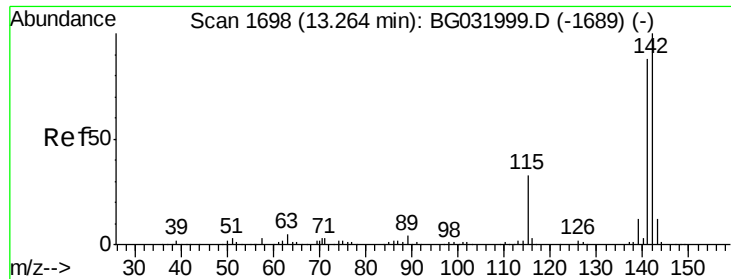


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

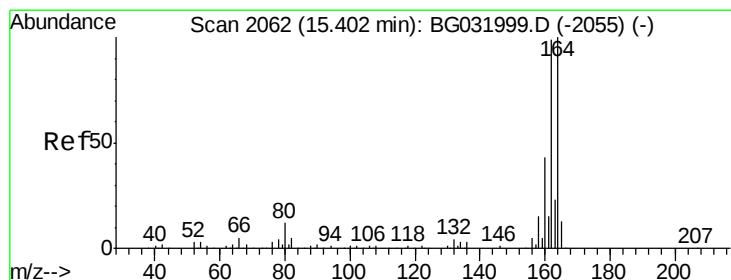
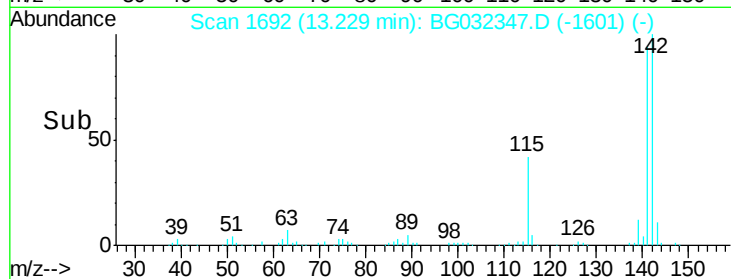
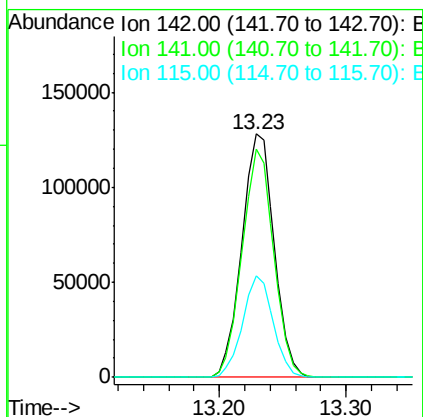
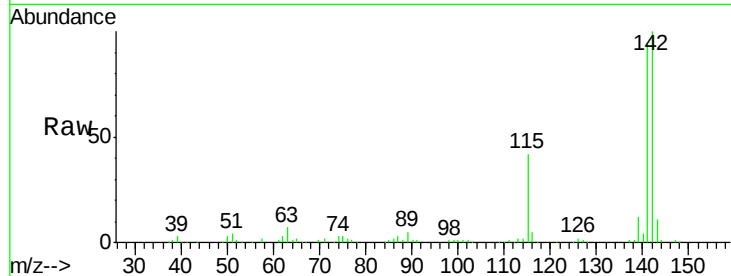




#37
2-Methylnaphthalene
Concen: 42.623 ng
RT: 13.23 min Scan# 1692
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

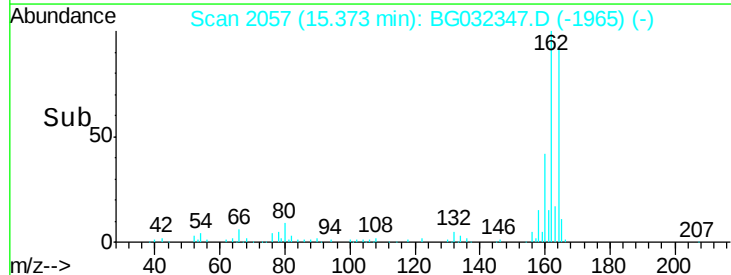
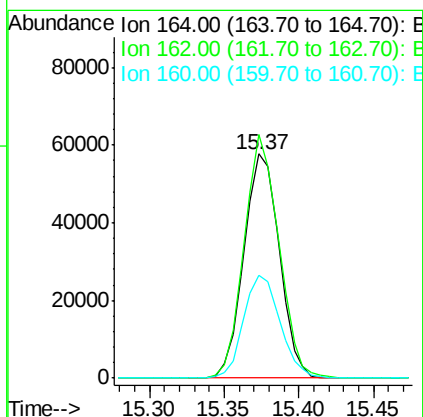
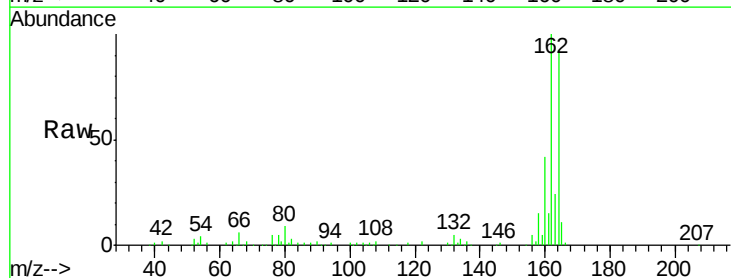
Instrument :
BNA_G
ClientSampleId :

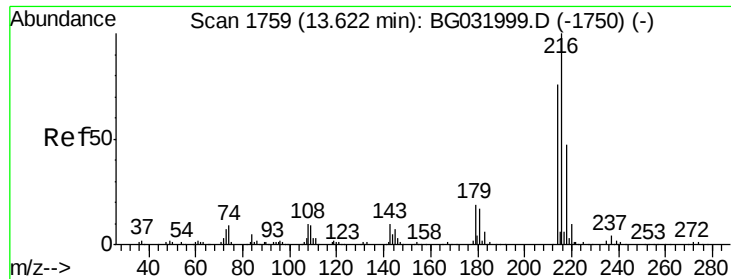
Tot Ion:142 Resp: 226292
Ion Ratio Lower Upper
142 100
141 93.7 67.1 100.7
115 41.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2057
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:164 Resp: 94714
Ion Ratio Lower Upper
164 100
162 108.5 78.8 118.2
160 45.6 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.466 ng

RT: 13.59 min Scan# 1753

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:216 Resp: 191837

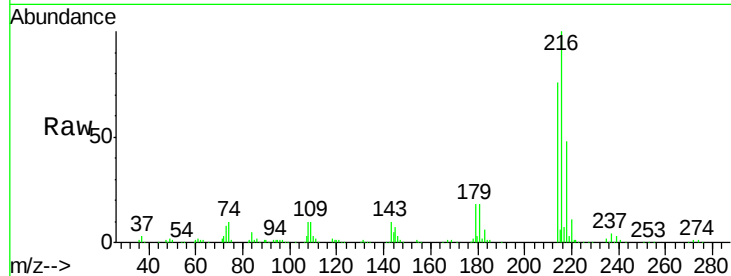
Ion Ratio Lower Upper

216 100

214 77.3 63.0 94.4

179 18.2 17.0 25.6

108 11.7 12.8 19.2#

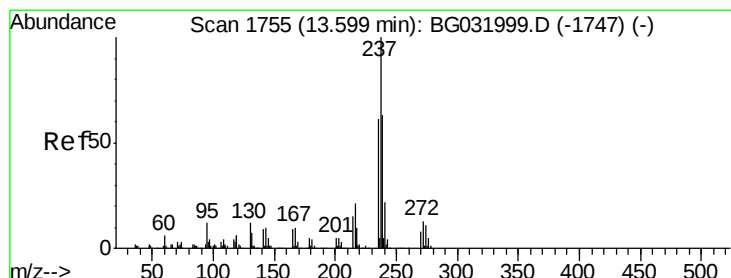
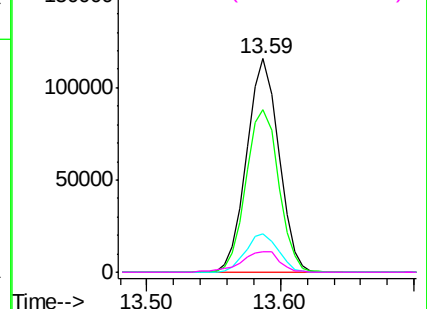
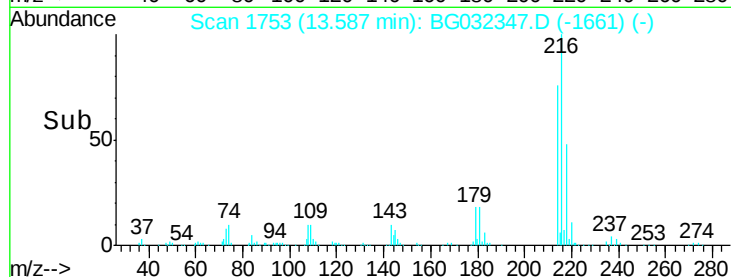


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 52.562 ng

RT: 13.56 min Scan# 1748

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

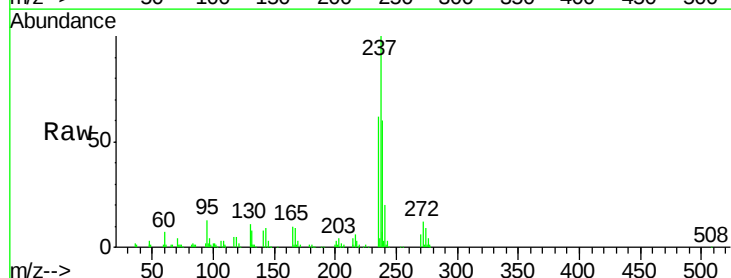
Tgt Ion:237 Resp: 122225

Ion Ratio Lower Upper

237 100

235 62.3 50.4 90.4

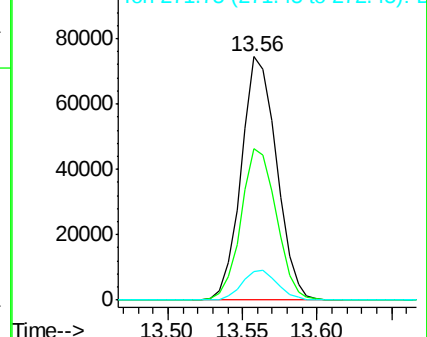
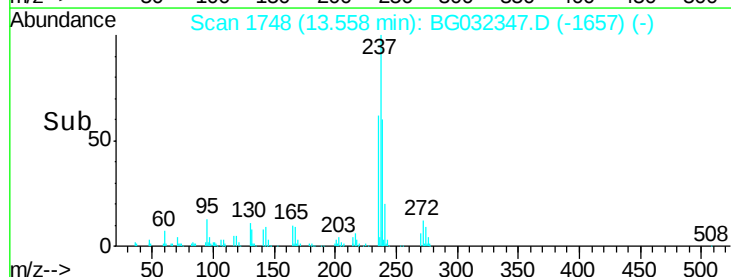
272 11.7 0.0 31.8

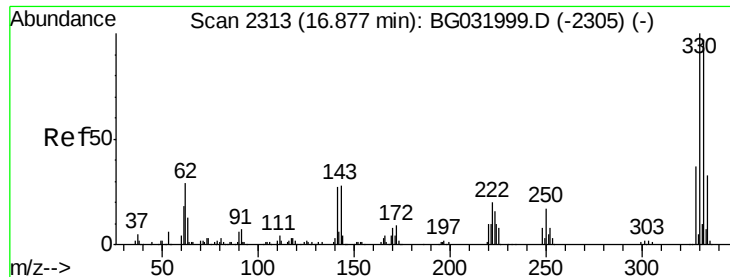


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

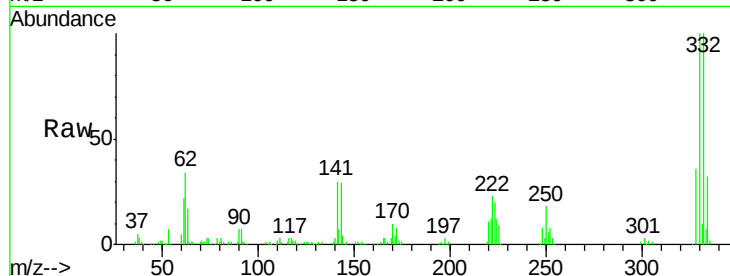




#41
 2,4,6-Tribromophenol
 Concen: 91.840 ng
 RT: 16.85 min Scan# 2309
 Delta R.T. 0.02 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	330	332	141
Resp:	143940		
Ion Ratio	100	96.8	29.7
Lower		77.0	25.2
Upper		115.6	37.8

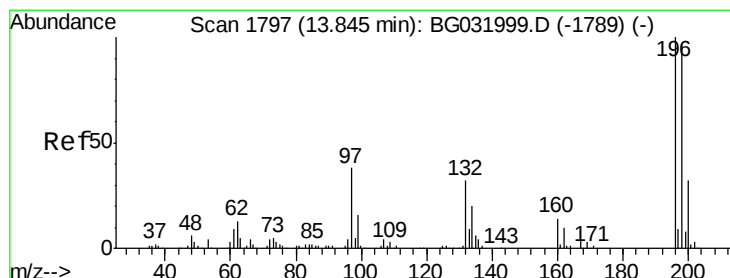
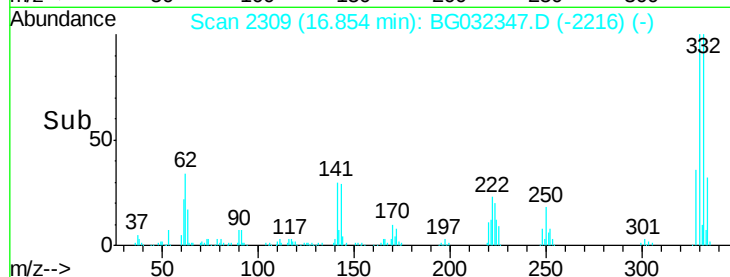
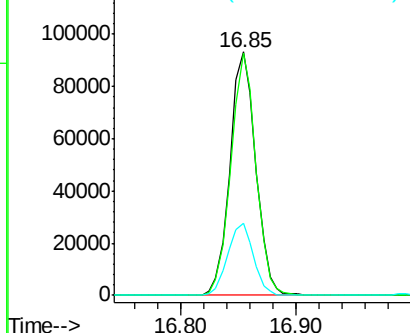


Abundance

Ion 329.80 (329.50 to 330.50): E

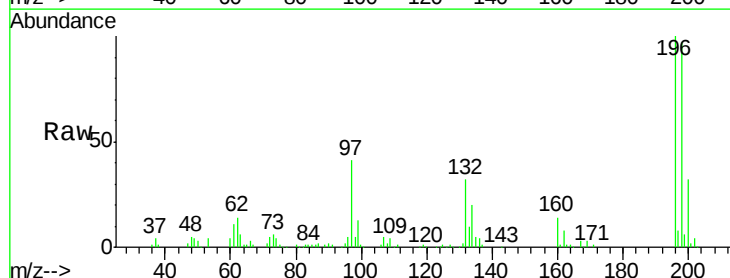
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 44.785 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion	196	198	200
Resp:	103890		
Ion Ratio	100	97.0	32.3
Lower		78.2	24.6
Upper		117.2	36.8

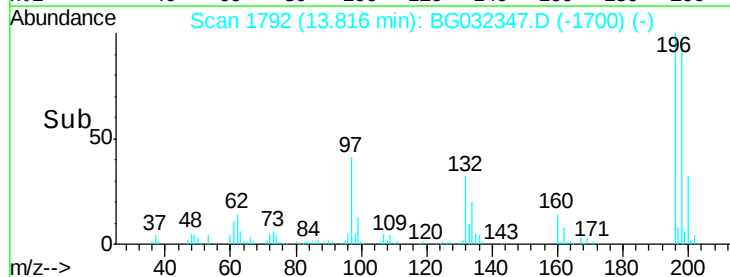
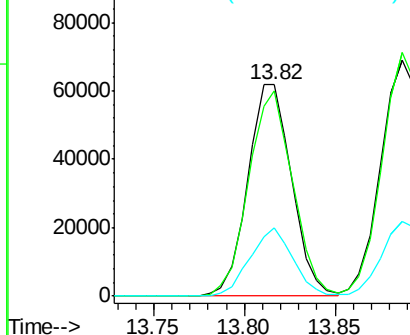


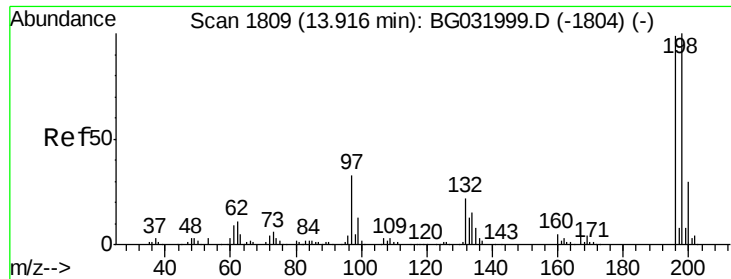
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

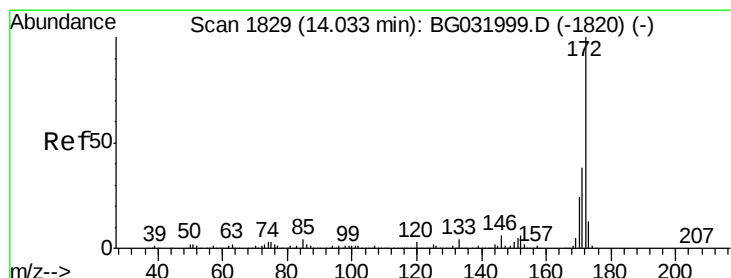
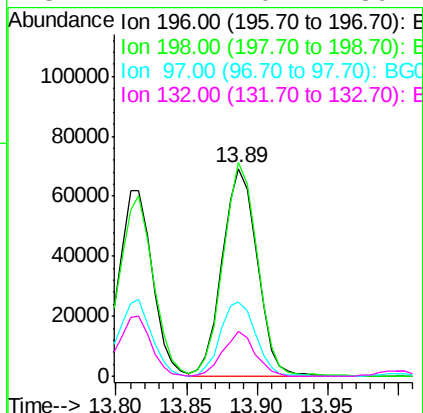
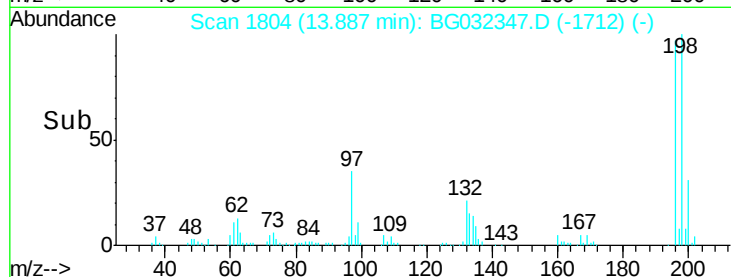
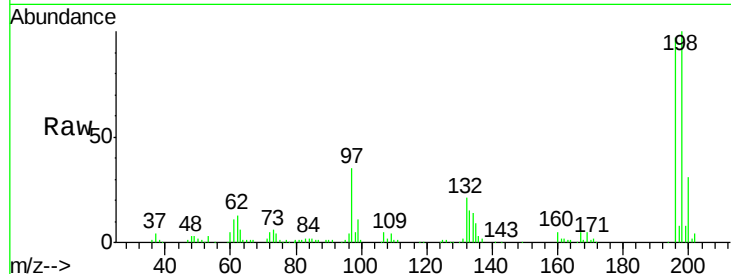




#43
 2,4,5-Trichlorophenol
 Concen: 44.475 ng
 RT: 13.89 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

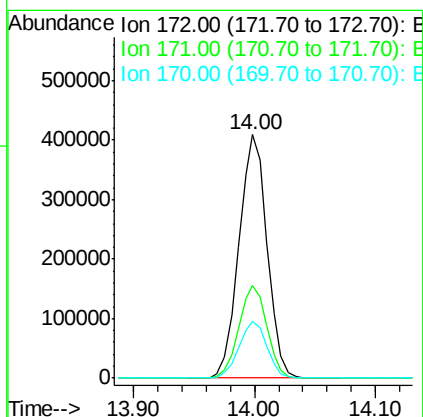
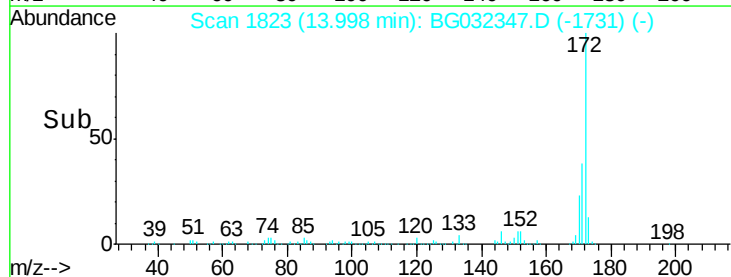
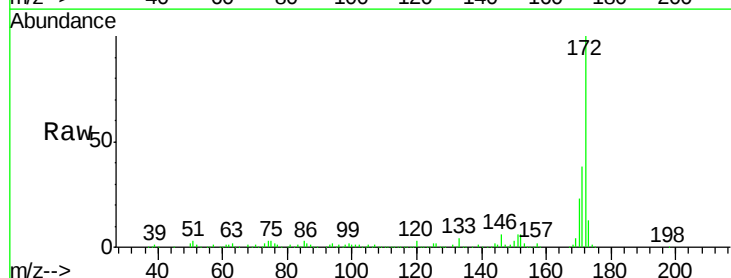
Instrument :
 BNA_G
 ClientSampleId :

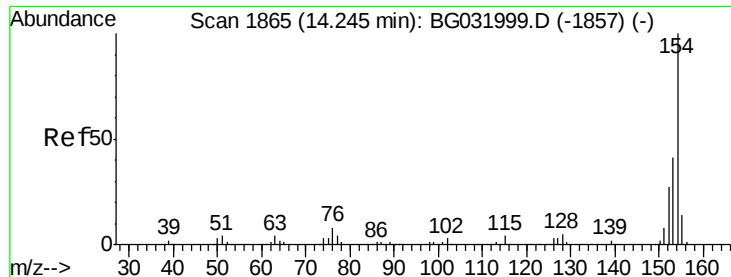
Tot Ion:196 Resp: 119421
 Ion Ratio Lower Upper
 196 100
 198 102.9 76.2 114.4
 97 36.0 38.7 58.1#
 132 21.7 20.2 30.2



#44
 2-Fluorobiphenyl
 Concen: 86.815 ng
 RT: 14.00 min Scan# 1823
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:172 Resp: 663138
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.0 45.0
 170 23.4 19.5 29.3

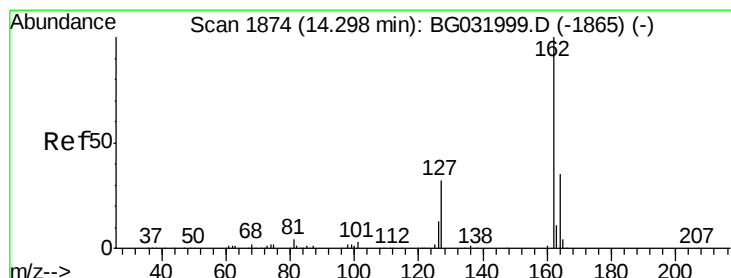
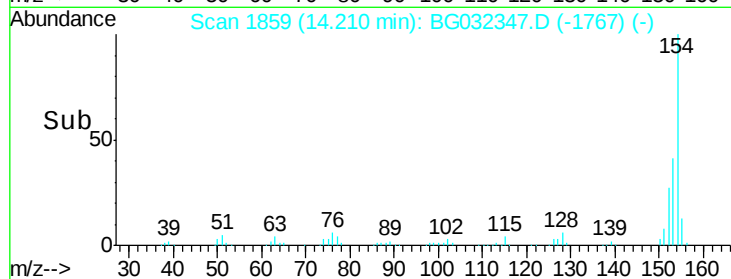
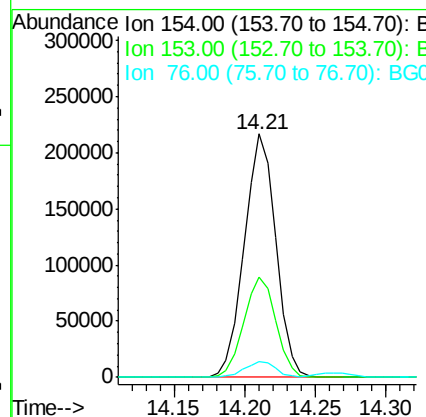
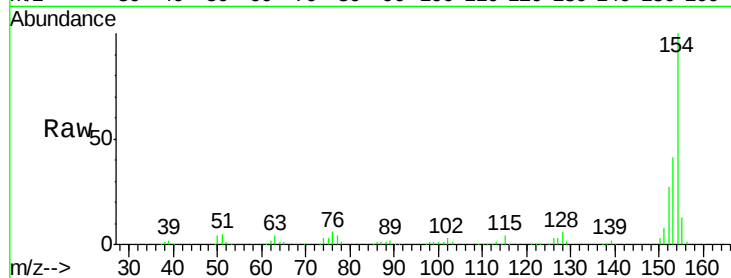




#45
 1,1'-Biphenyl
 Concen: 41.771 ng
 RT: 14.21 min Scan# 1859
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

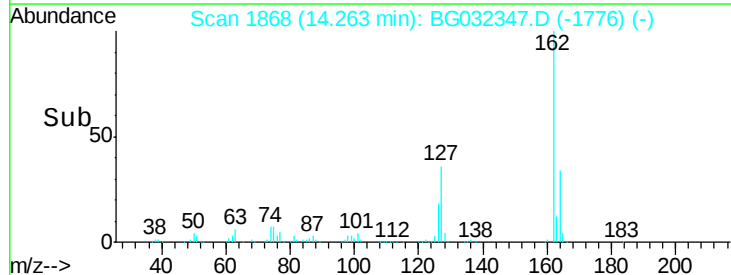
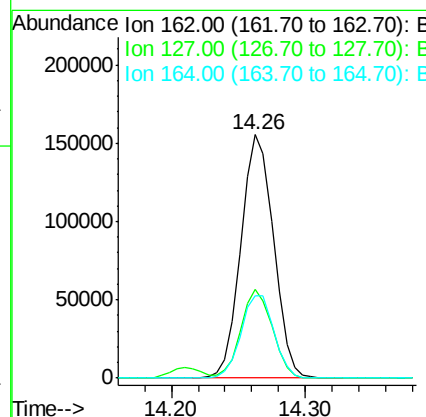
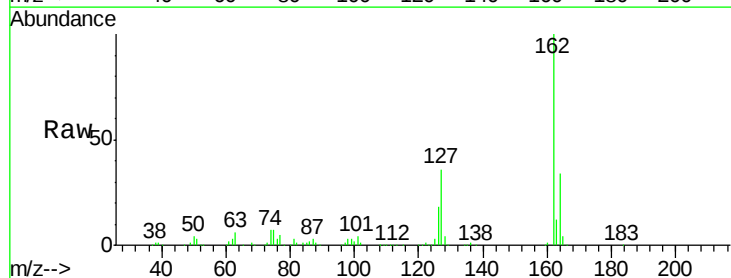
Instrument :
 BNA_G
 ClientSampleId :

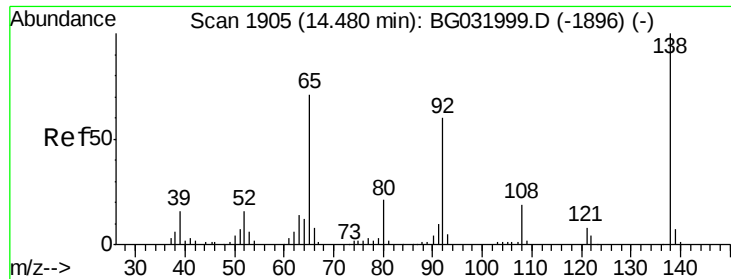
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.0	19.8	59.8
76	6.5	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 41.560 ng
 RT: 14.26 min Scan# 1868
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.7	46.1
164	33.6	26.0	39.0

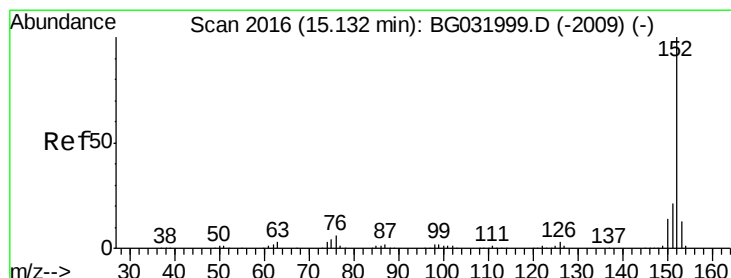
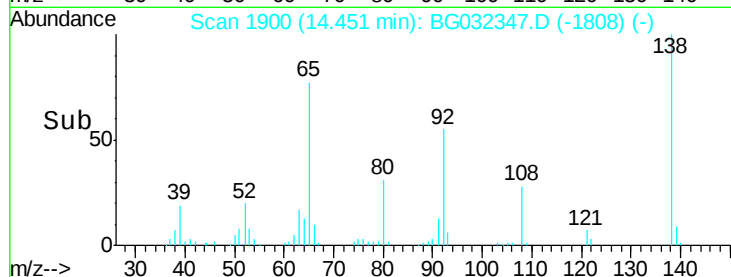
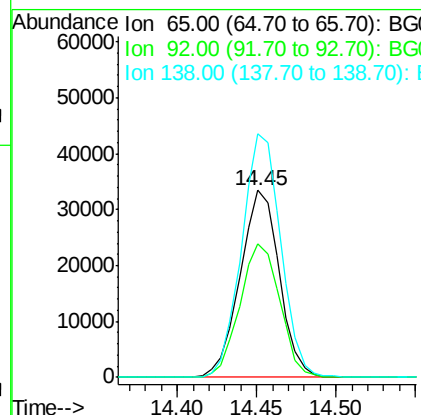
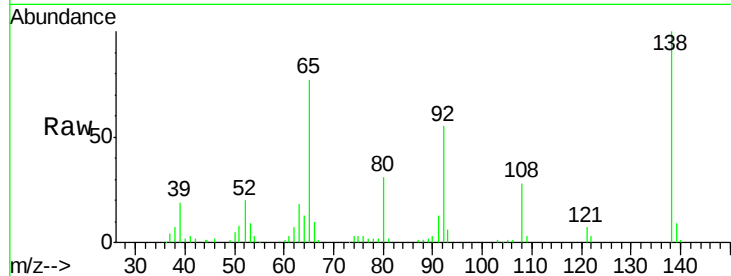




#47
2-Nitroaniline
Concen: 47.447 ng
RT: 14.45 min Scan# 1900
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

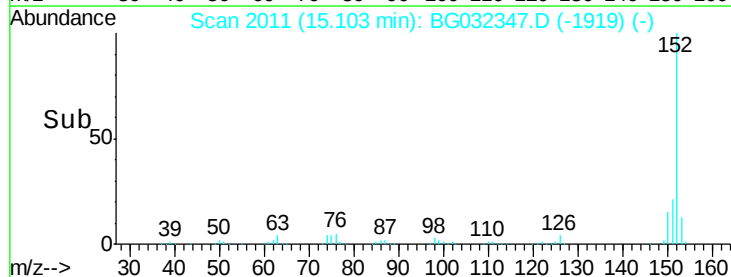
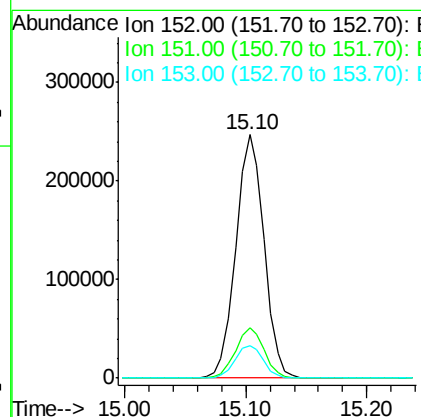
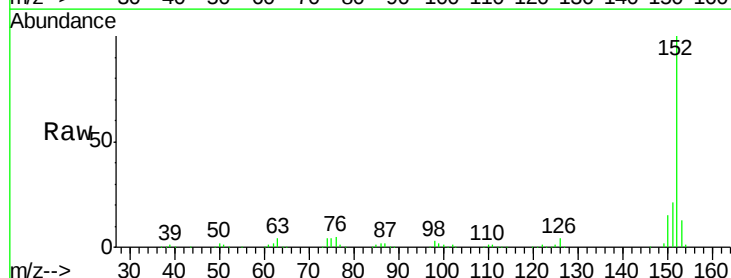
Instrument :
BNA_G
ClientSampled :

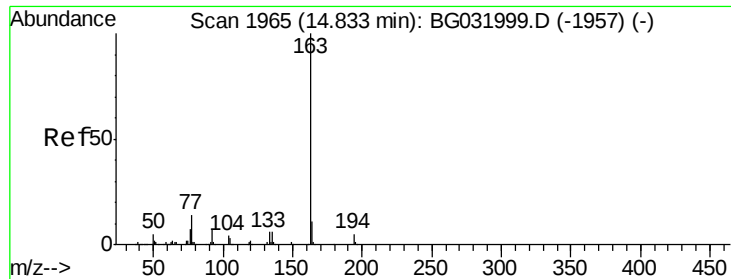
Tot Ion: 65 Resp: 57374
Ion Ratio Lower Upper
65 100
92 71.3 54.6 82.0
138 130.4 72.9 109.3#



#48
Acenaphthylene
Concen: 41.631 ng
RT: 15.10 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion: 152 Resp: 400438
Ion Ratio Lower Upper
152 100
151 20.7 17.2 25.8
153 13.3 10.2 15.4

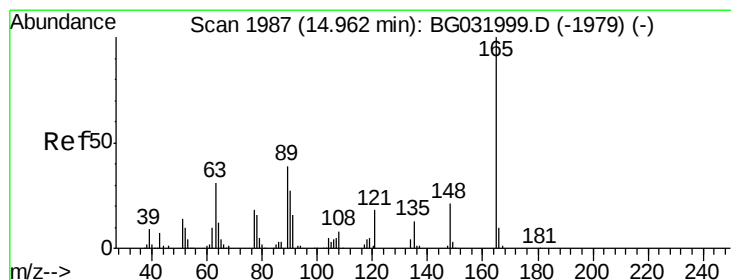
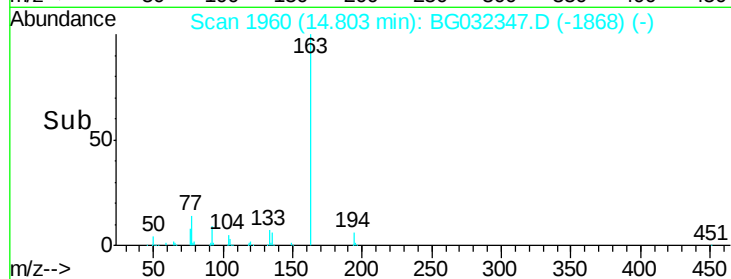
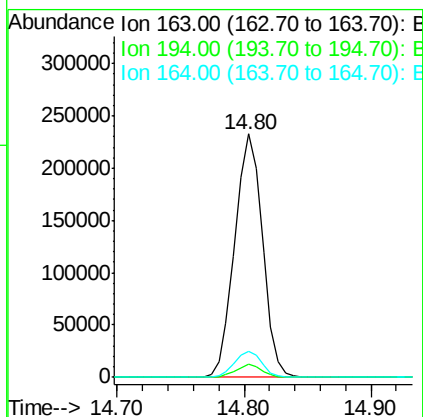
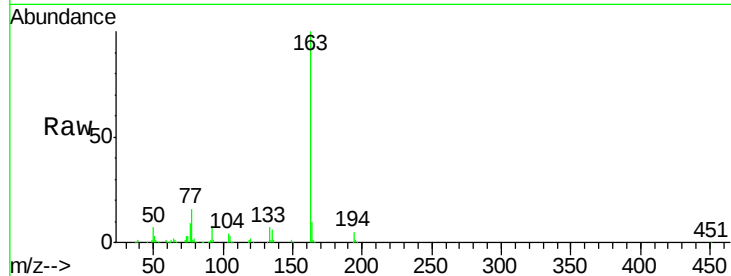




#49
Dimethylphthalate
Concen: 42.568 ng
RT: 14.80 min Scan# 1960
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

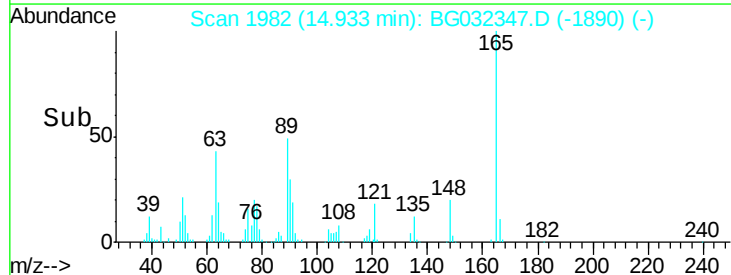
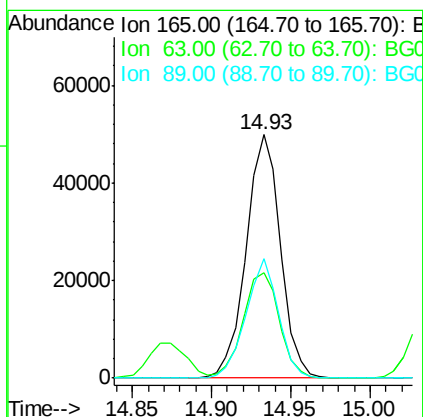
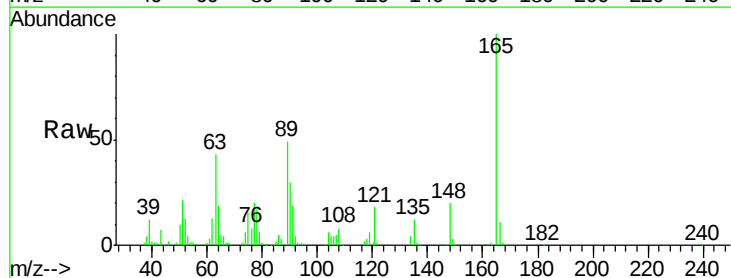
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 352814
Ion Ratio Lower Upper
163 100
194 5.5 3.4 5.2#
164 10.5 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 43.611 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:165 Resp: 75026
Ion Ratio Lower Upper
165 100
63 43.5 52.7 79.1#
89 49.3 49.2 73.8





#51

Acenaphthene

Concen: 43.190 ng

RT: 15.44 min Scan# 2068

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

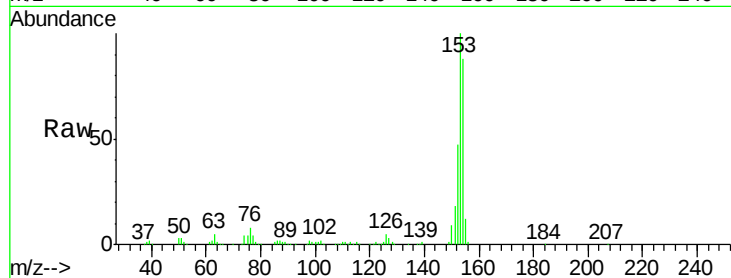
Tot Ion:154 Resp: 274700

Ion Ratio Lower Upper

154 100

153 113.4 90.4 135.6

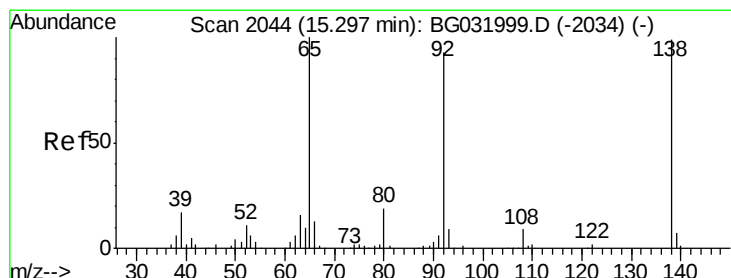
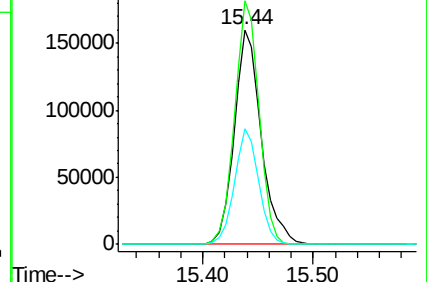
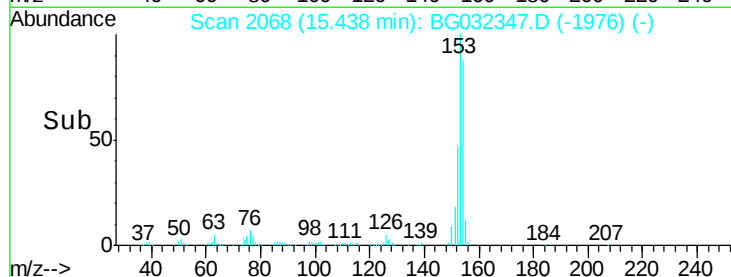
152 53.6 41.6 62.4



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: 43.702 ng

RT: 15.27 min Scan# 2039

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

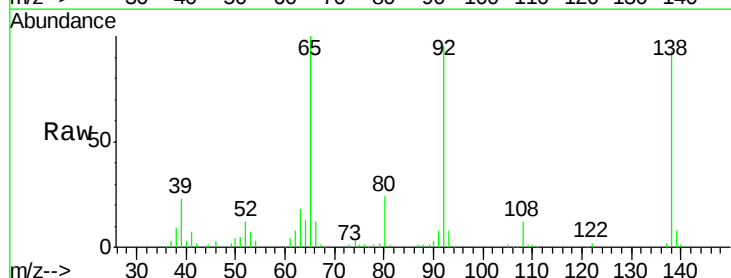
Tgt Ion:138 Resp: 67905

Ion Ratio Lower Upper

138 100

108 12.6 17.5 26.3#

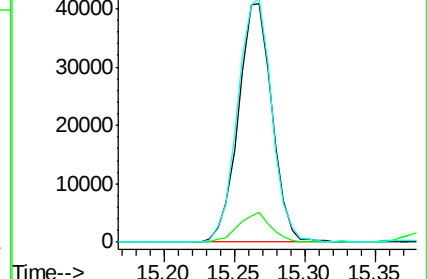
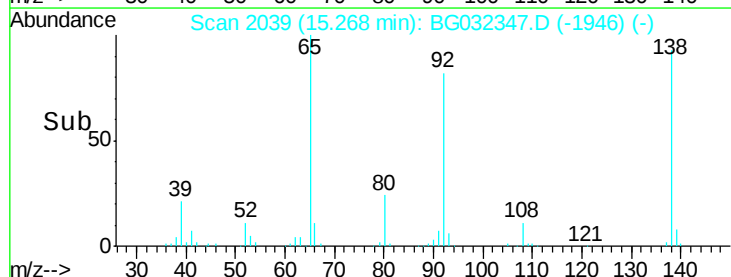
92 102.2 105.8 158.8#

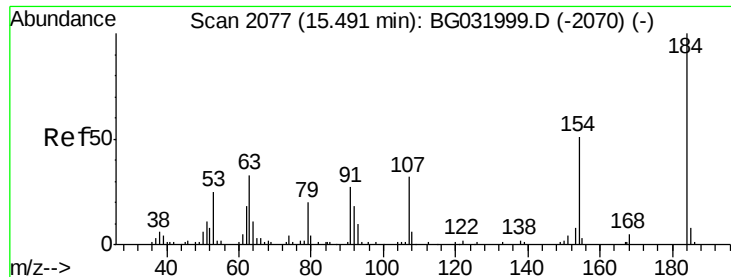


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

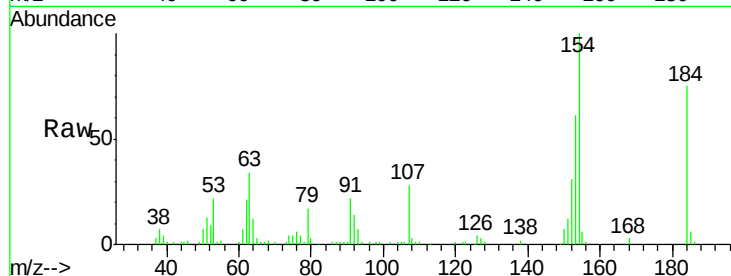




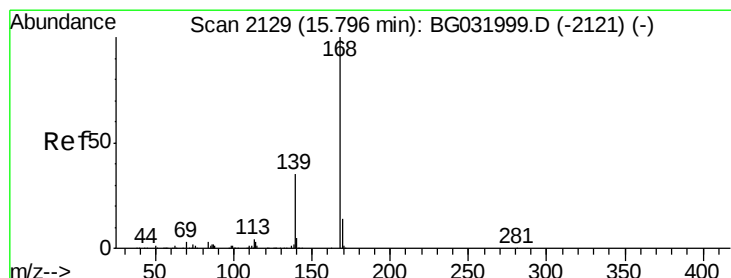
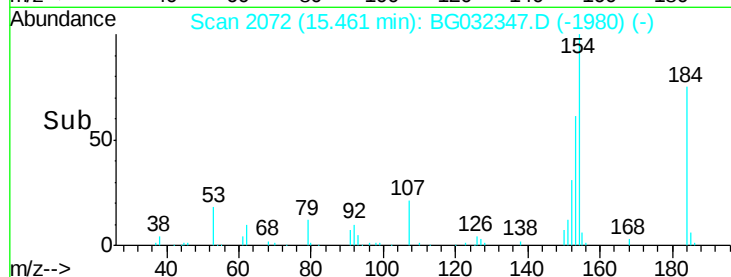
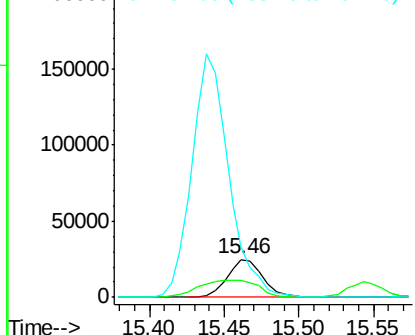
#53
 2,4-Dinitrophenol
 Concen: 50.567 ng
 RT: 15.46 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:184 Resp: 41217
 Ion Ratio Lower Upper
 184 100
 63 44.7 59.8 89.8#
 154 133.2 101.8 152.8

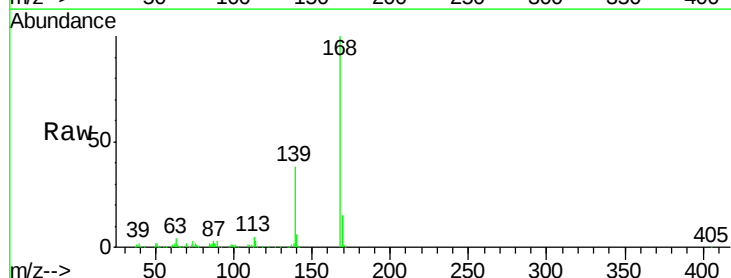


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

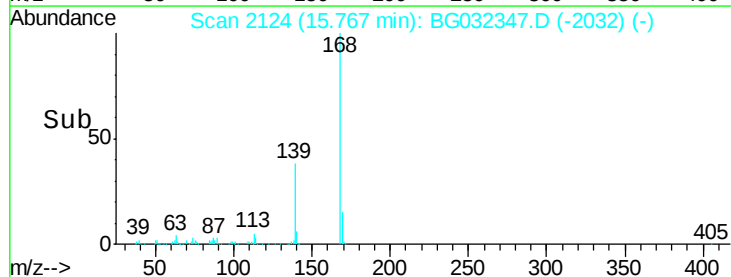
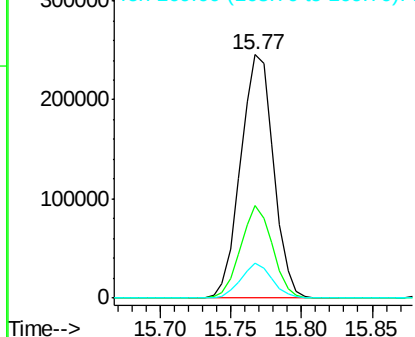


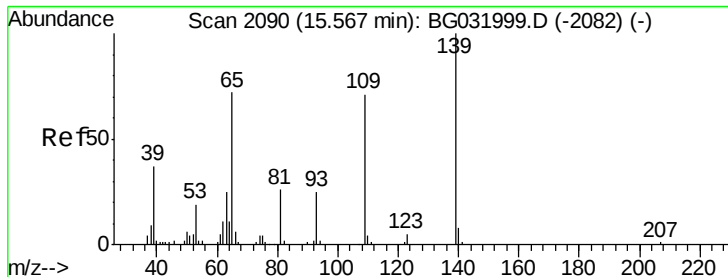
#54
 Dibenzofuran
 Concen: 42.229 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. 0.01 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:168 Resp: 400673
 Ion Ratio Lower Upper
 168 100
 139 38.2 28.6 43.0
 169 14.6 11.2 16.8



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

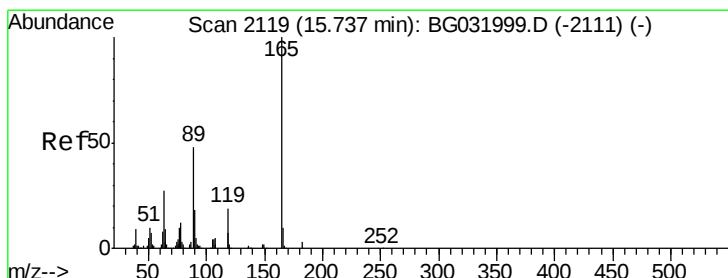
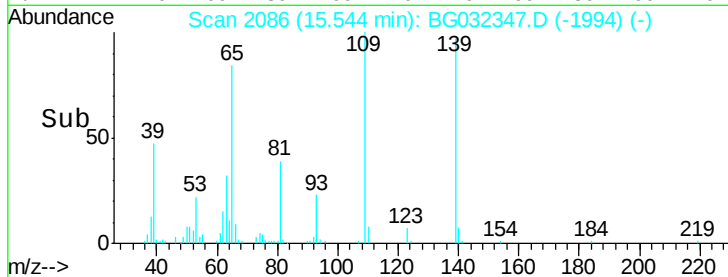
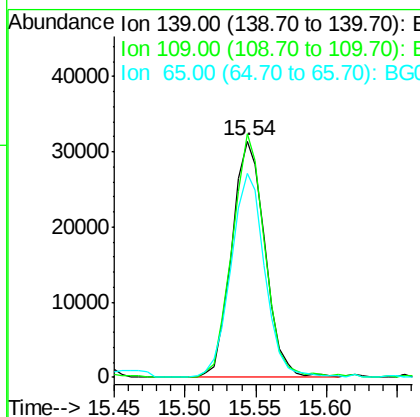
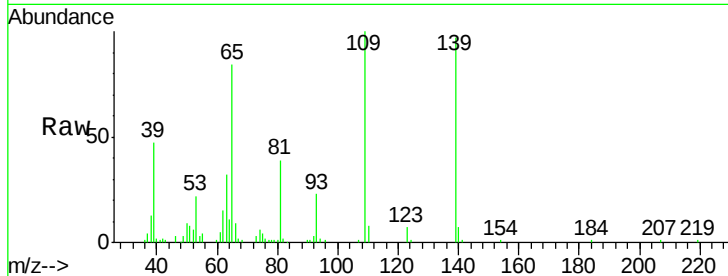




#55
4-Nitrophenol
Concen: 45.625 ng
RT: 15.54 min Scan# 2086
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

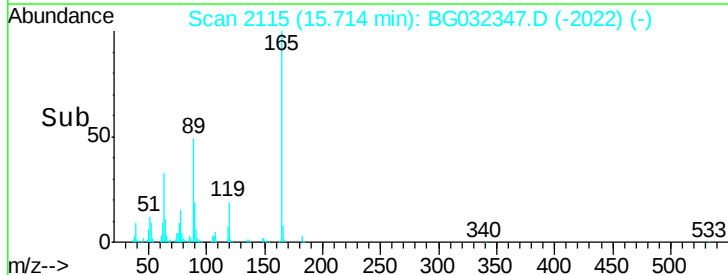
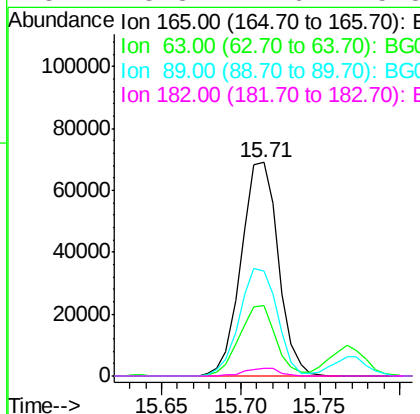
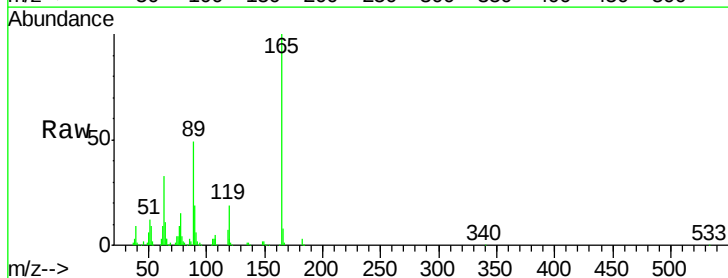
Instrument :
BNA_G
ClientSampleId :

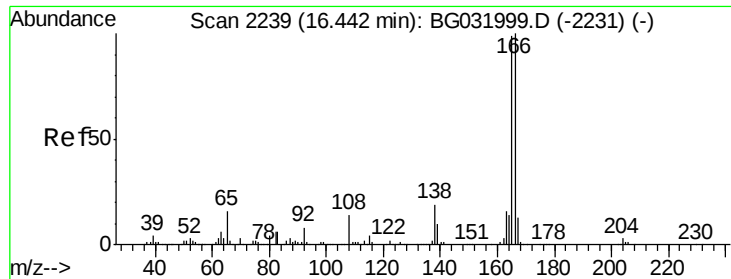
Tot Ion:139 Resp: 51664
Ion Ratio Lower Upper
139 100
109 103.0 62.2 102.2#
65 86.1 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 48.406 ng
RT: 15.71 min Scan# 2115
Delta R.T. 0.02 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:165 Resp: 112117
Ion Ratio Lower Upper
165 100
63 32.8 42.0 63.0#
89 49.3 66.9 100.3#
182 3.3 2.6 3.8





#57

Fluorene

Concen: 42.442 ng

RT: 16.41 min Scan# 2234

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

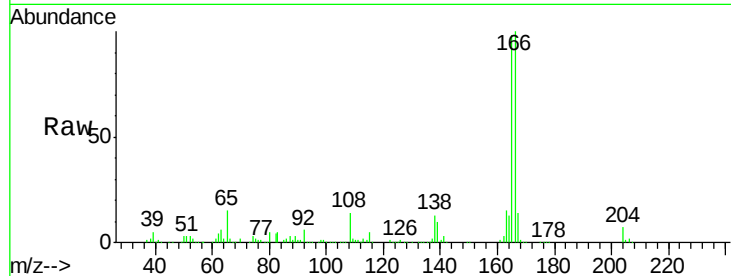
Tot Ion:166 Resp: 330267

Ion Ratio Lower Upper

166 100

165 98.1 80.6 121.0

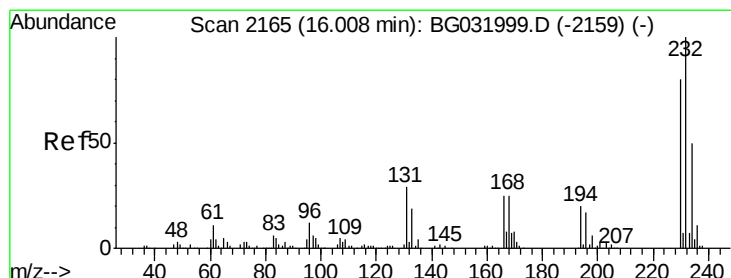
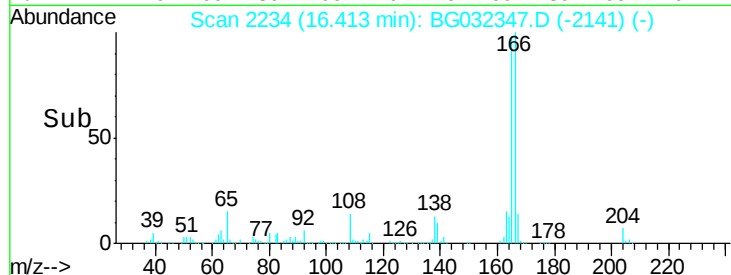
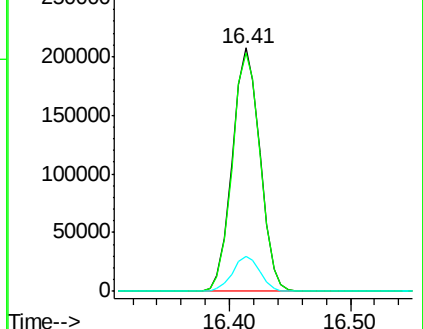
167 14.2 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.185 ng

RT: 15.98 min Scan# 2161

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Tgt Ion:232 Resp: 117204

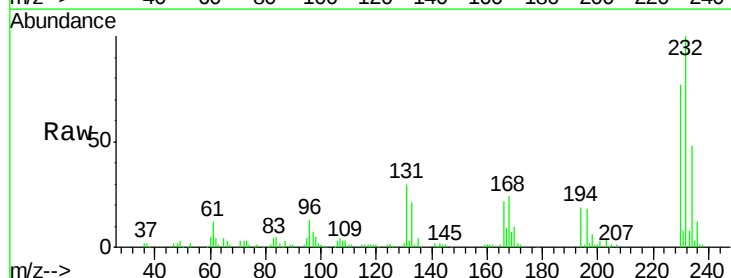
Ion Ratio Lower Upper

232 100

131 30.4 33.5 50.3#

130 1.8 2.2 3.2#

166 23.7 24.8 37.2#

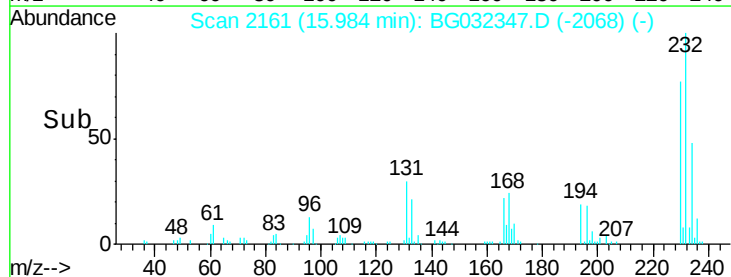
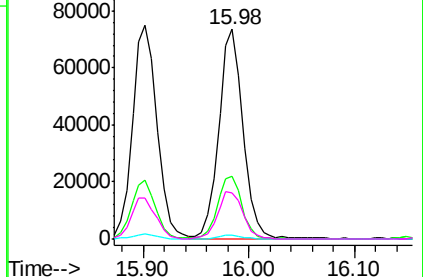


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

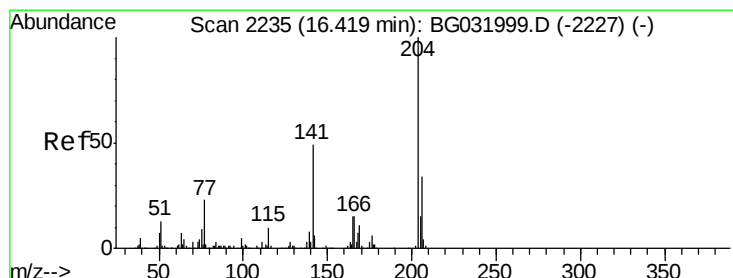
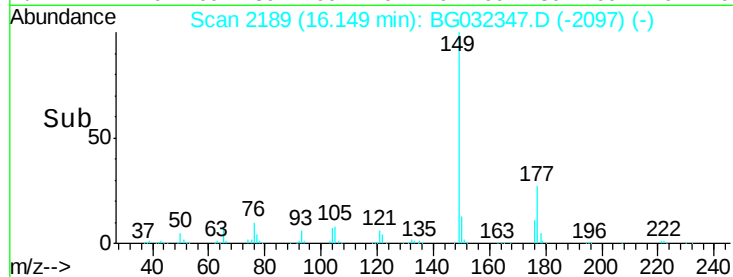
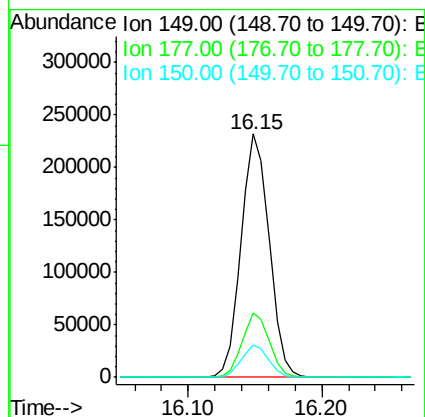
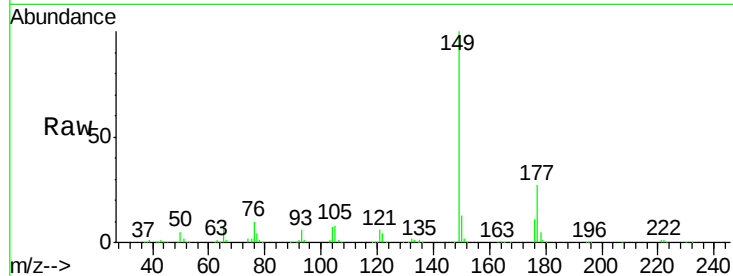




#59
Diethylphthalate
Concen: 41.765 ng
RT: 16.15 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

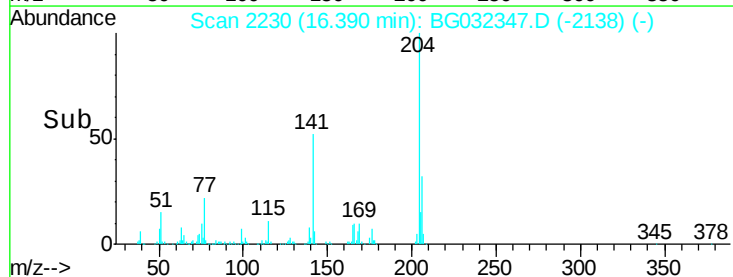
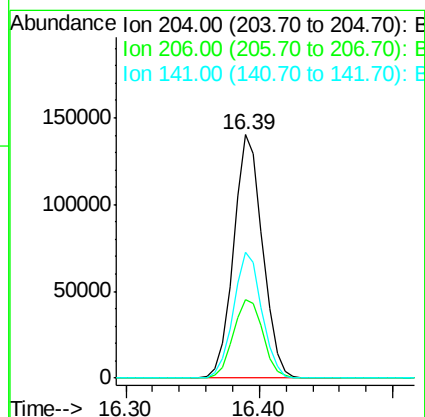
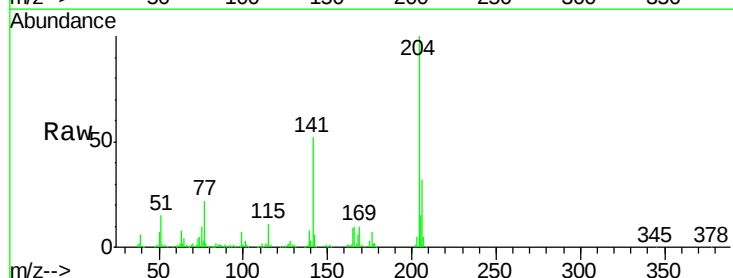
Instrument :
BNA_G
ClientSampleId :

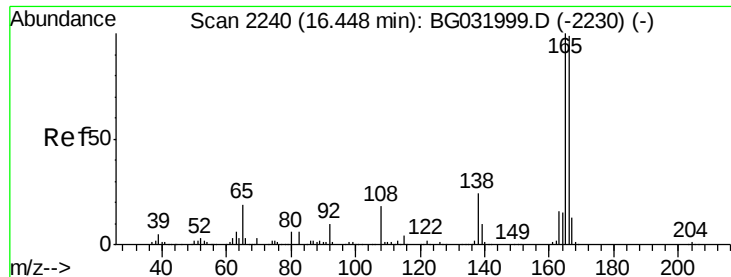
Tot Ion:149 Resp: 335586
Ion Ratio Lower Upper
149 100
177 26.7 18.5 27.7
150 13.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.172 ng
RT: 16.39 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:204 Resp: 210857
Ion Ratio Lower Upper
204 100
206 32.3 26.2 39.2
141 51.8 45.8 68.6

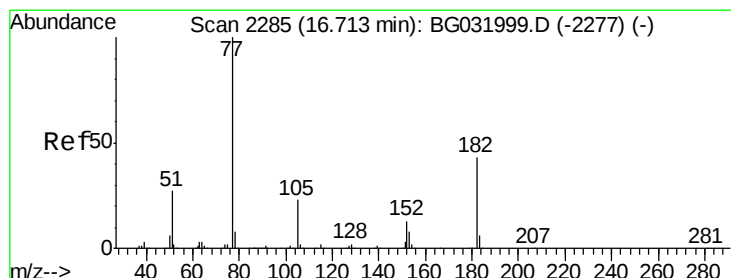
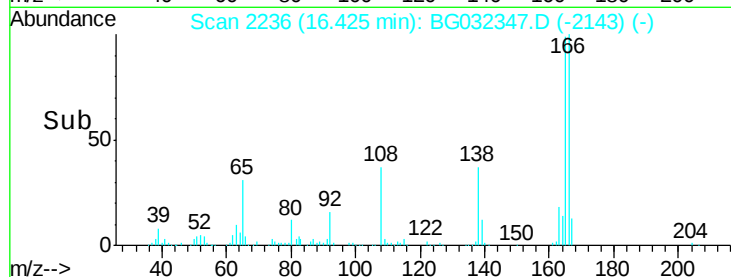
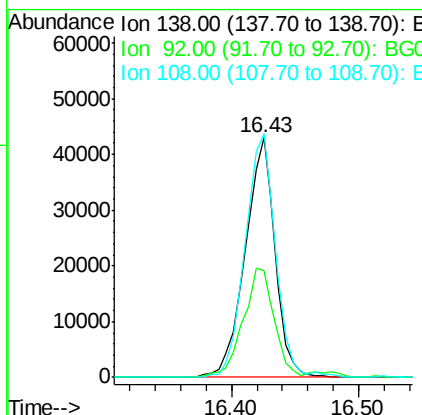
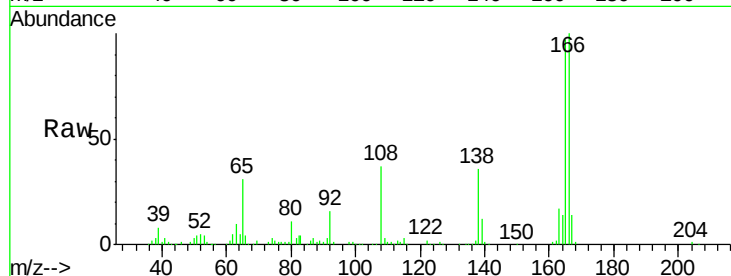




#61
4-Nitroaniline
Concen: 47.077 ng
RT: 16.43 min Scan# 2236
Delta R.T. 0.02 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

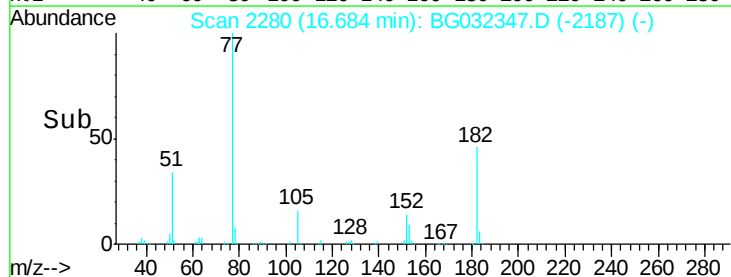
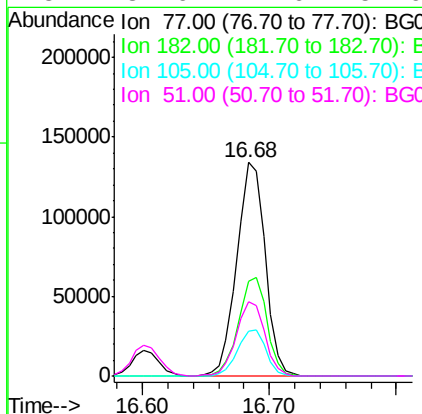
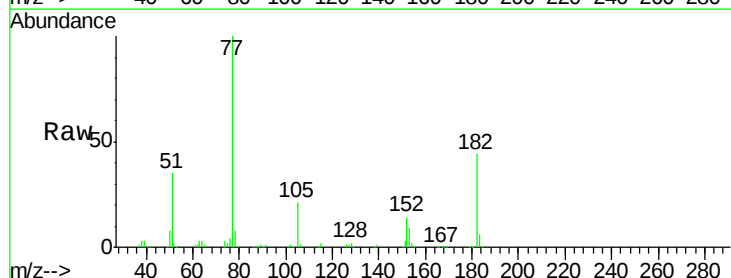
Instrument :
BNA_G
ClientSampled :

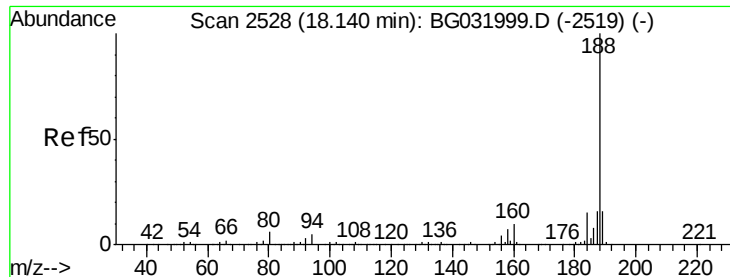
Tot Ion:138 Resp: 70168
Ion Ratio Lower Upper
138 100
92 44.8 40.1 80.1
108 101.6 65.4 105.4



#62
Azobenzene
Concen: 41.448 ng
RT: 16.68 min Scan# 2280
Delta R.T. 0.02 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion: 77 Resp: 208451
Ion Ratio Lower Upper
77 100
182 44.2 7.4 47.4
105 21.3 0.3 40.3
51 34.6 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.12 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

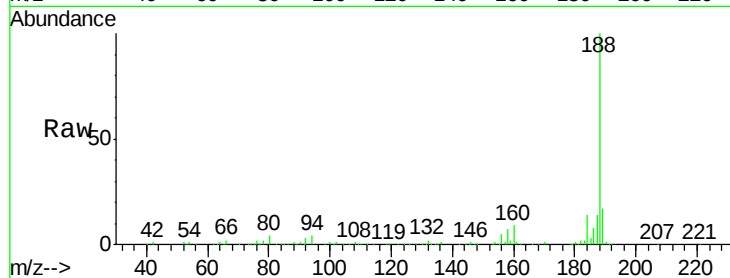
Tot Ion:188 Resp: 242021

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

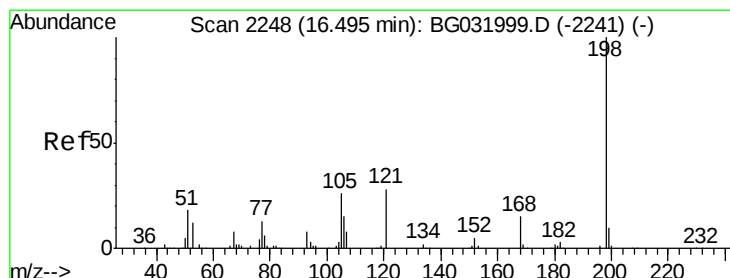
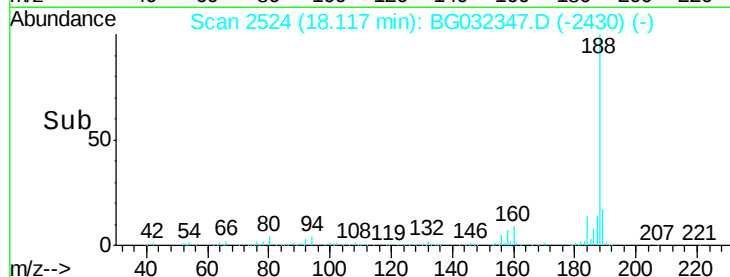
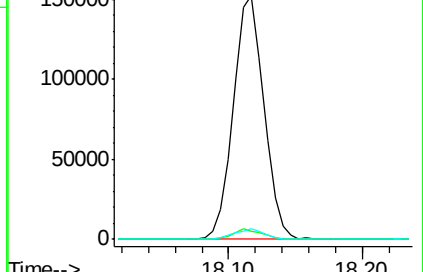
80 4.4 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 48.691 ng

RT: 16.47 min Scan# 2244

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

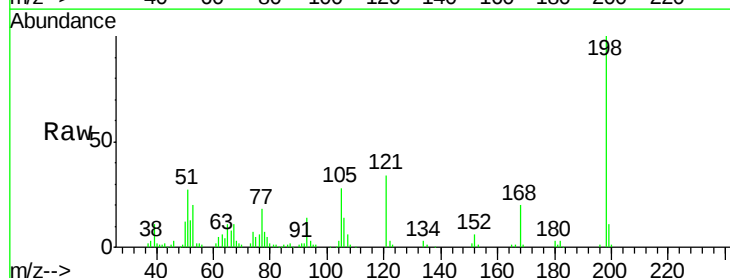
Tgt Ion:198 Resp: 75549

Ion Ratio Lower Upper

198 100

51 26.9 30.6 70.6#

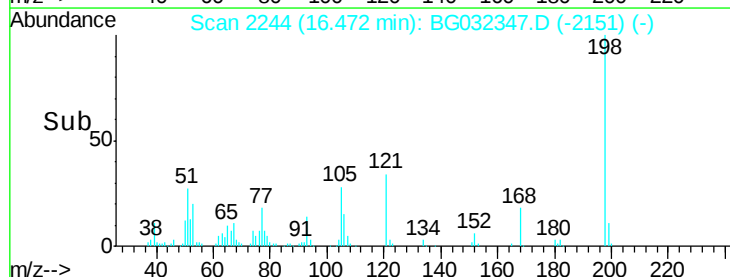
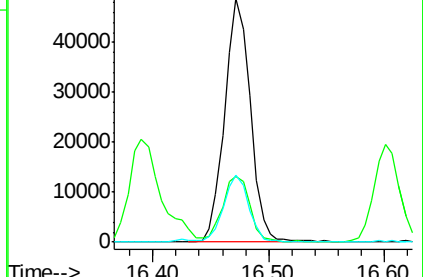
105 27.6 23.8 63.8

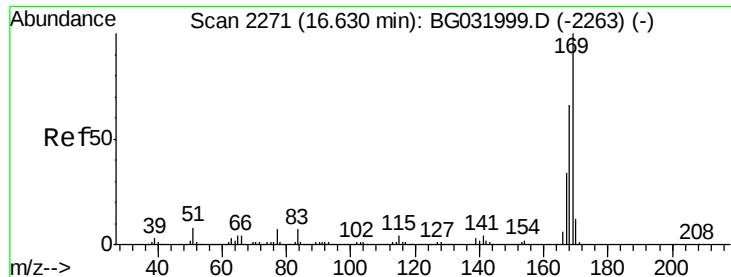


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.013 ng

RT: 16.60 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampled :

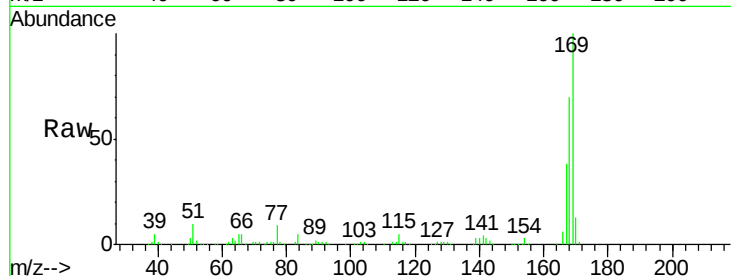
Tot Ion:169 Resp: 301195

Ion Ratio Lower Upper

169 100

168 70.2 55.7 83.5

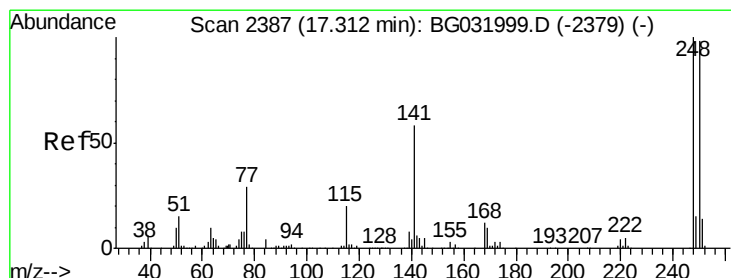
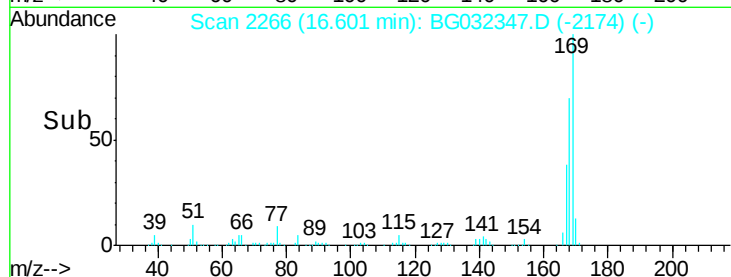
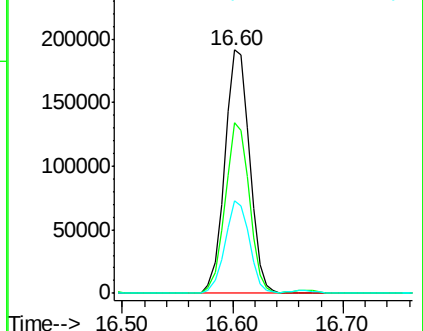
167 37.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.221 ng

RT: 17.29 min Scan# 2383

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

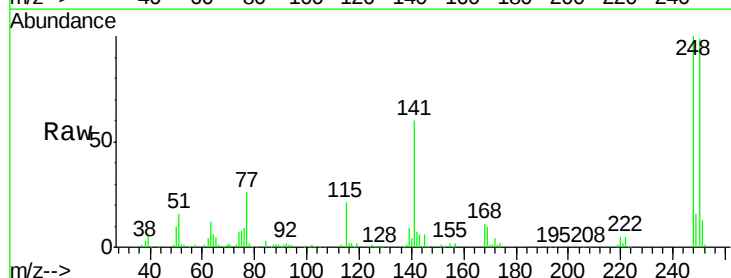
Tgt Ion:248 Resp: 148832

Ion Ratio Lower Upper

248 100

250 99.1 77.1 115.7

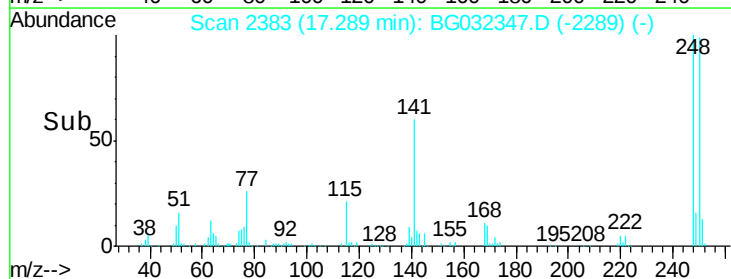
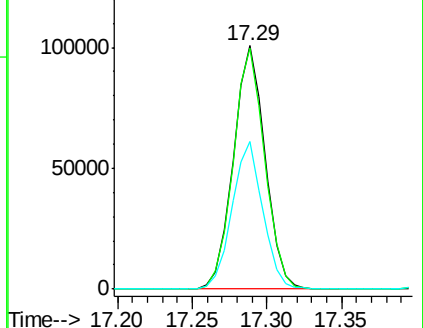
141 60.5 50.8 76.2

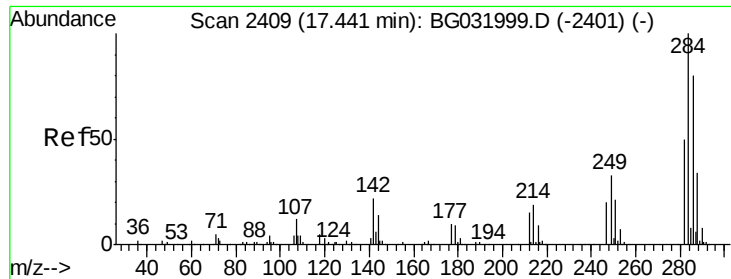


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.879 ng

RT: 17.42 min Scan# 2405

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

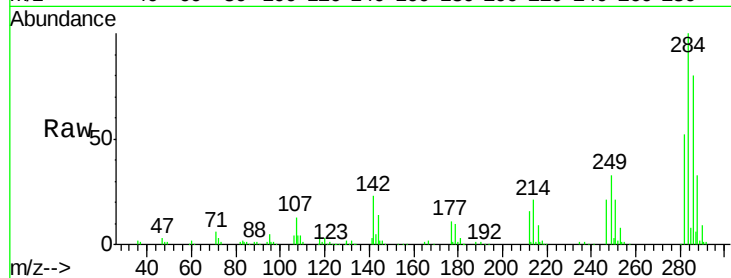
Tot Ion:284 Resp: 163357

Ion Ratio Lower Upper

284 100

142 22.5 26.8 40.2#

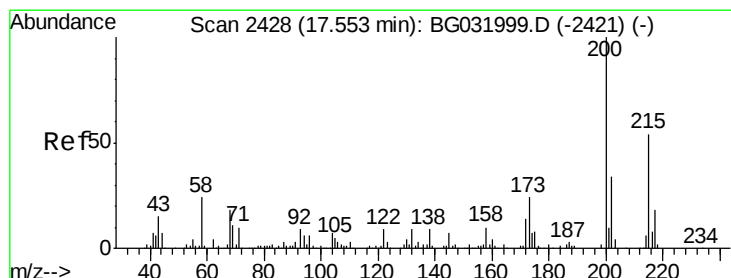
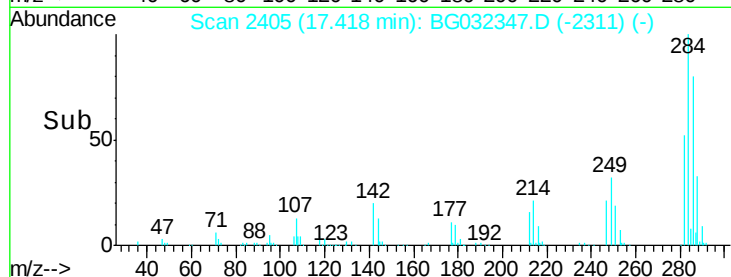
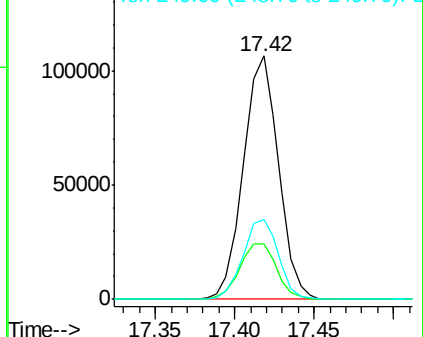
249 33.0 26.3 39.5



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: 44.083 ng

RT: 17.53 min Scan# 2424

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

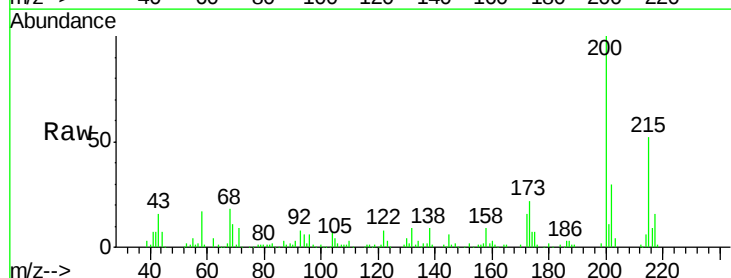
Tgt Ion:200 Resp: 136150

Ion Ratio Lower Upper

200 100

173 22.2 5.2 45.2

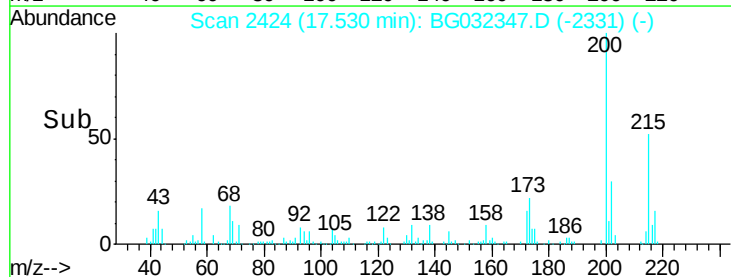
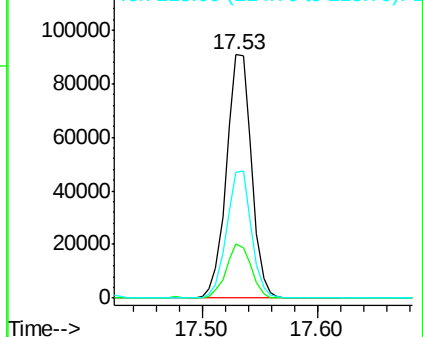
215 51.7 30.4 70.4

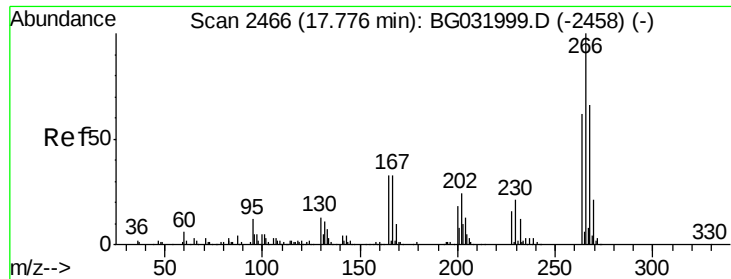


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

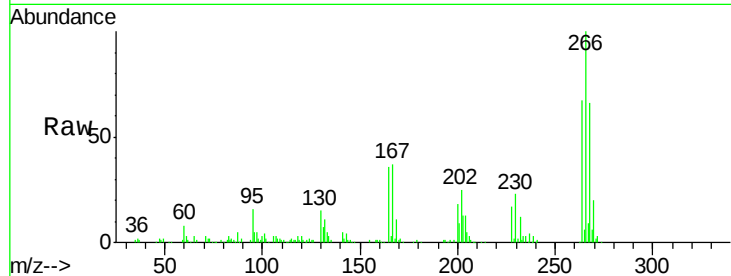




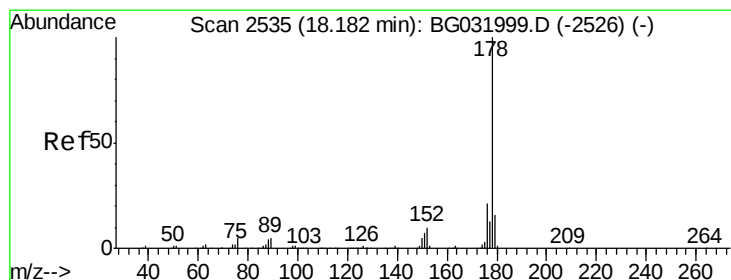
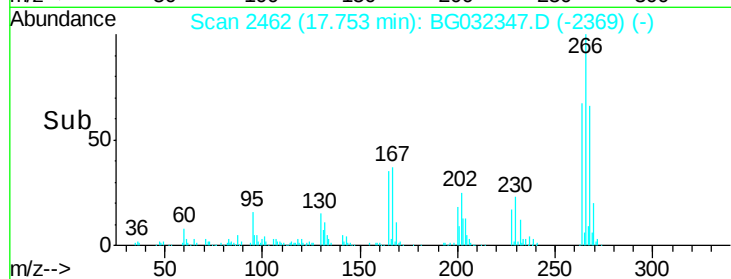
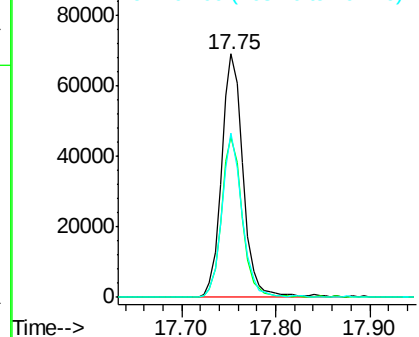
#69
 Pentachlorophenol
 Concen: 45.633 ng
 RT: 17.75 min Scan# 2462
 Delta R.T. 0.02 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:266 Resp: 111121
 Ion Ratio Lower Upper
 266 100
 268 65.7 51.1 76.7
 264 67.3 49.6 74.4

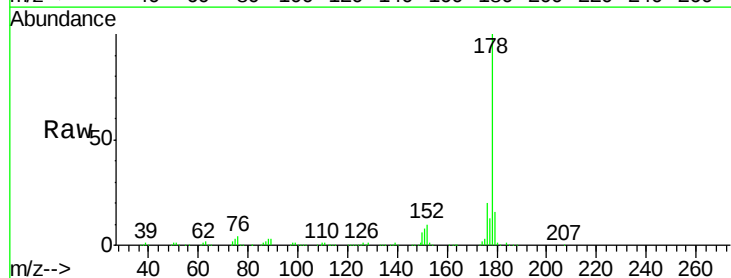


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

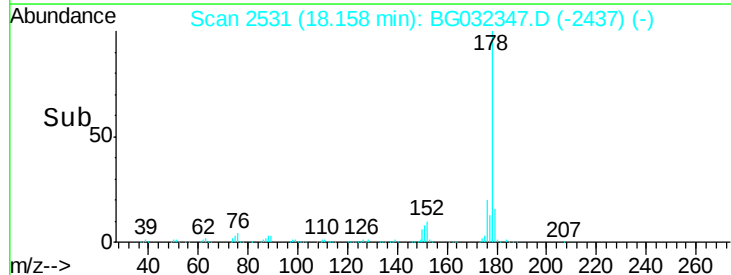
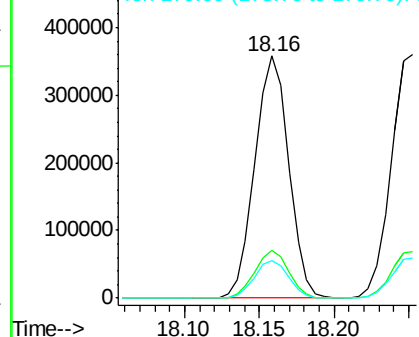


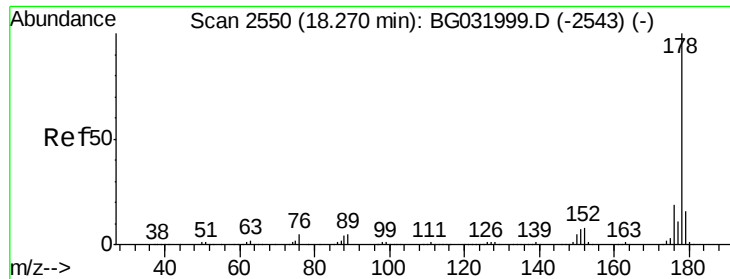
#70
 Phenanthrene
 Concen: 41.588 ng
 RT: 18.16 min Scan# 2531
 Delta R.T. 0.02 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:178 Resp: 560384
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.7 23.5
 179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

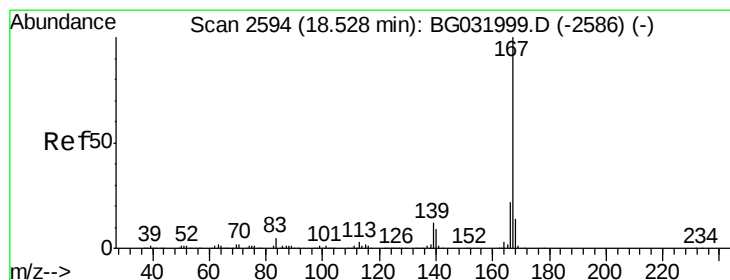
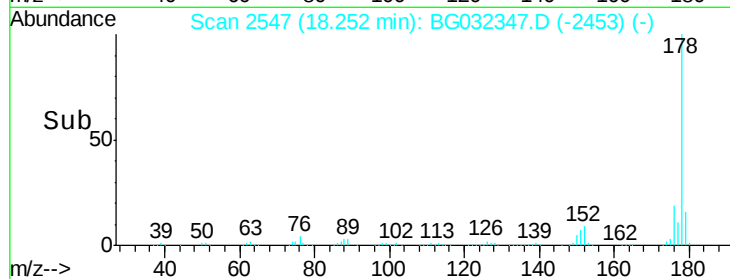
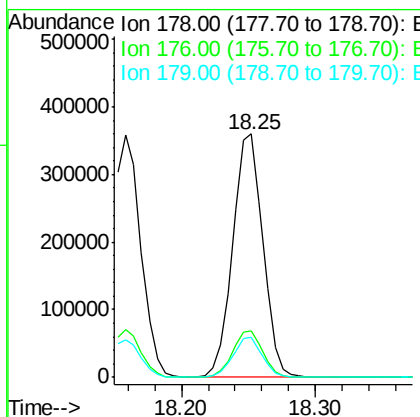
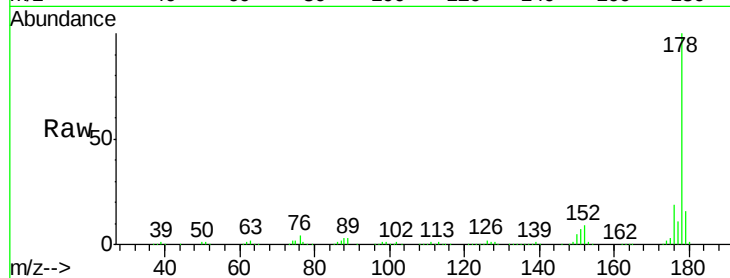




#71
 Anthracene
 Concen: 42.017 ng
 RT: 18.25 min Scan# 2547
 Delta R.T. 0.02 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

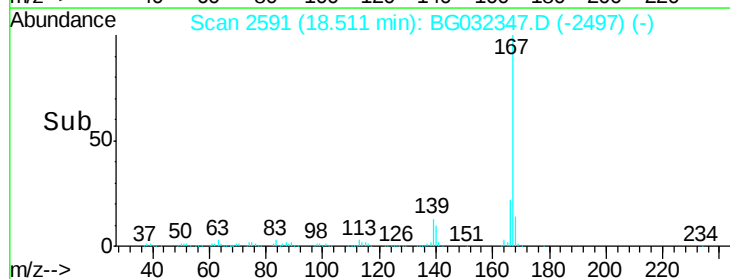
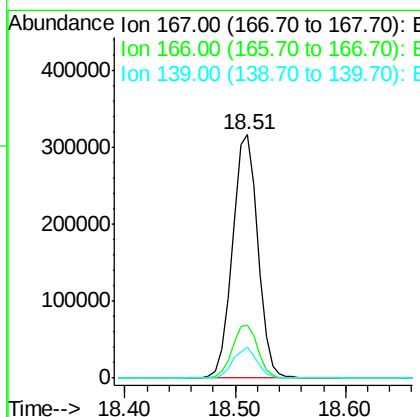
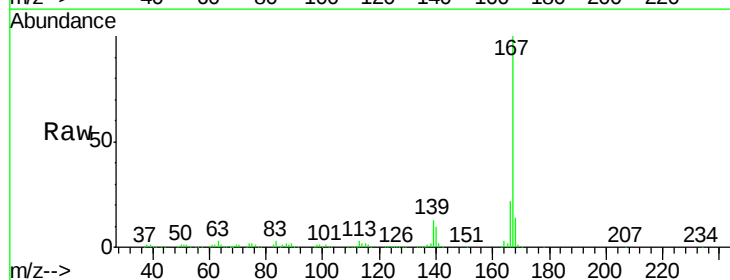
Instrument :
 BNA_G
 ClientSampleId :

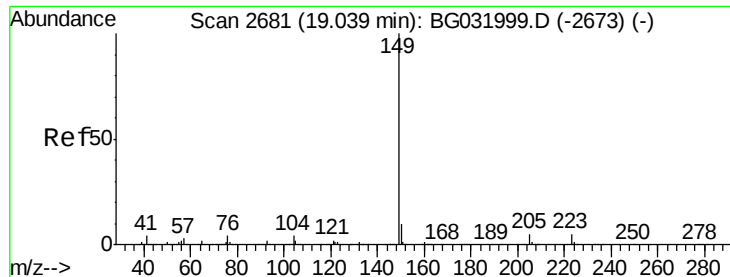
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.0	24.0
179	16.5	12.5	18.7



#72
 Carbazole
 Concen: 43.740 ng
 RT: 18.51 min Scan# 2591
 Delta R.T. 0.02 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.4
139	13.0	9.4	14.2





#73

Di-n-butylphthalate

Concen: 41.636 ng

RT: 19.02 min Scan# 2677

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

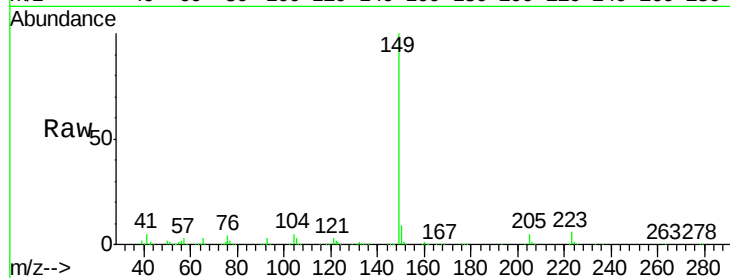
Tot Ion:149 Resp: 573597

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

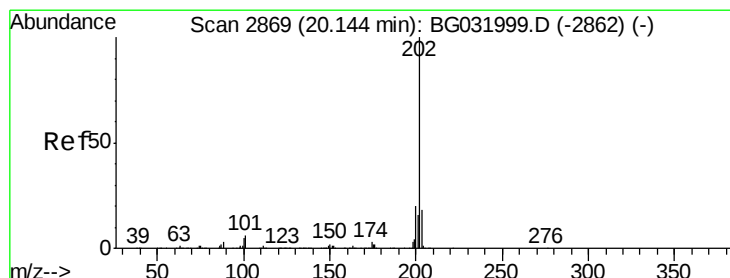
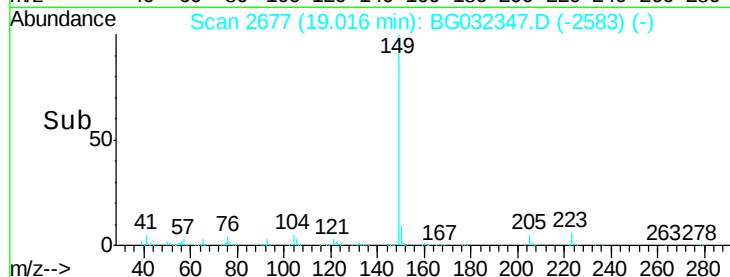
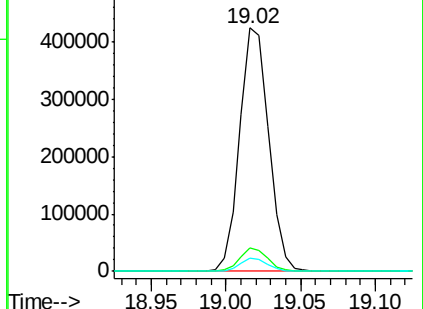
104 5.3 3.9 5.9



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: 44.986 ng

RT: 20.13 min Scan# 2866

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

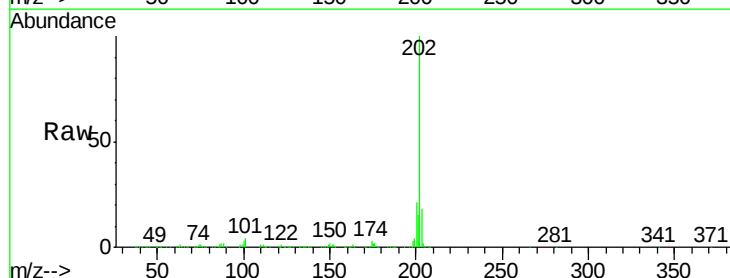
Tgt Ion:202 Resp: 758965

Ion Ratio Lower Upper

202 100

101 4.1 0.0 28.9

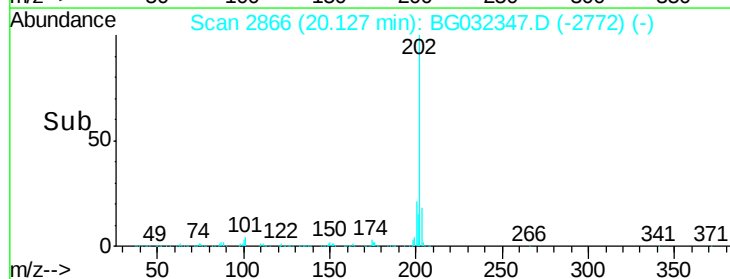
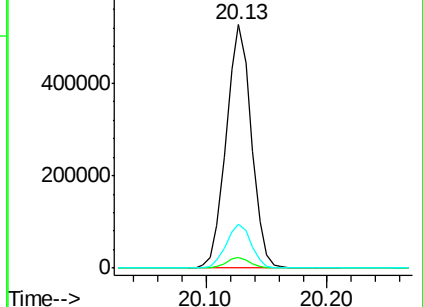
203 18.2 0.0 37.5

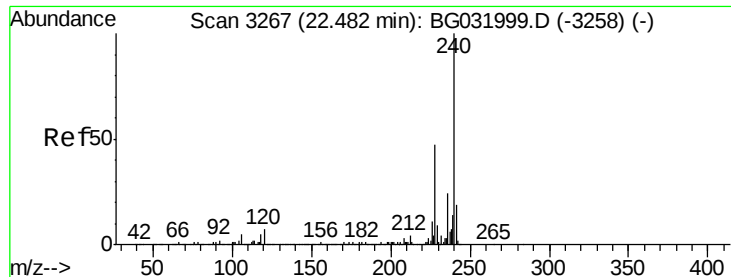


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.47 min Scan# 3265

Delta R.T. 0.05 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

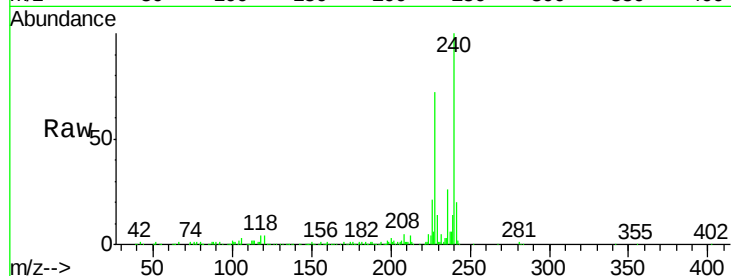
Tot Ion:240 Resp: 306100

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

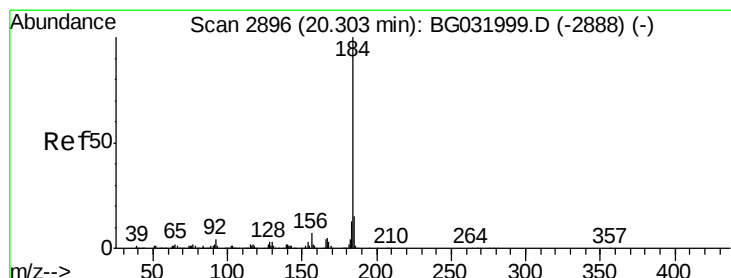
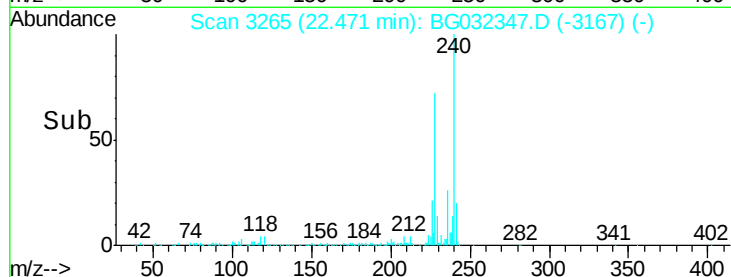
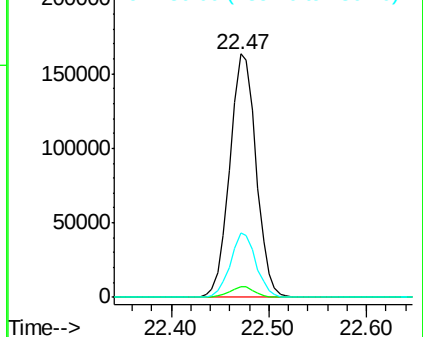
236 26.4 20.9 31.3



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: 51.202 ng

RT: 20.29 min Scan# 2893

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

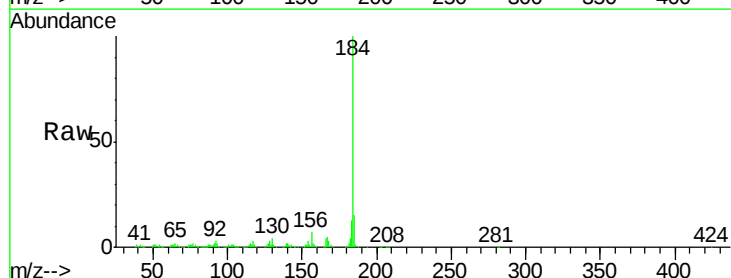
Tgt Ion:184 Resp: 391922

Ion Ratio Lower Upper

184 100

185 14.8 11.1 16.7

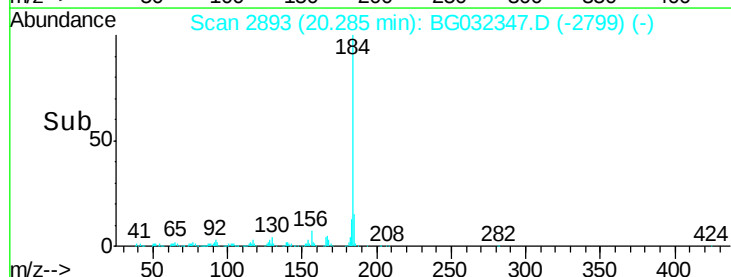
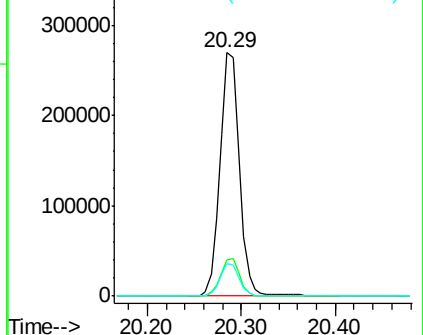
183 13.2 10.6 16.0

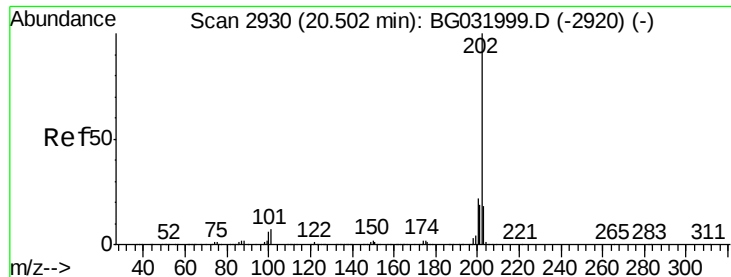


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 40.207 ng

RT: 20.48 min Scan# 2927

Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

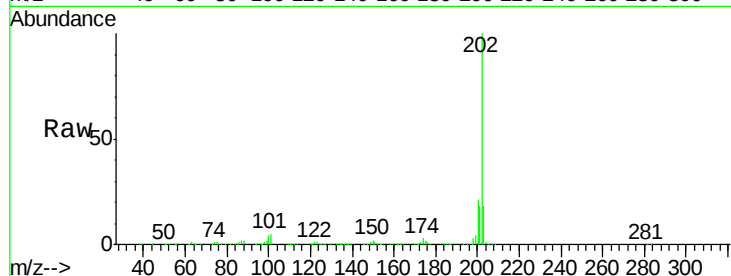
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 773693

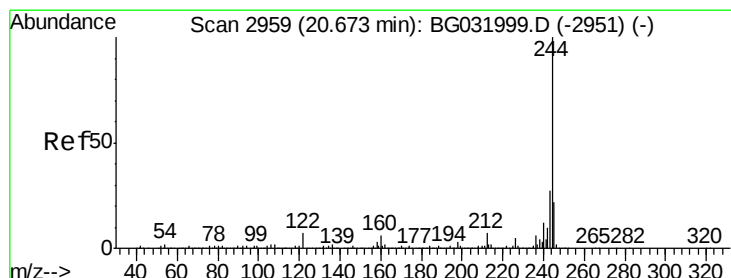
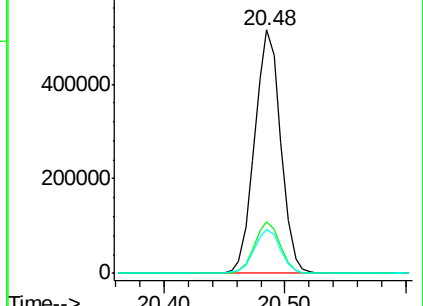
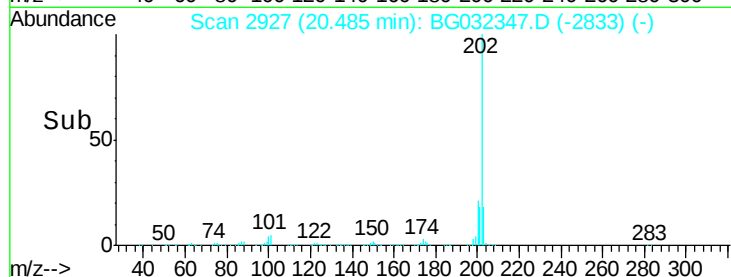
Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	18.3	13.9	20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.755 ng

RT: 20.66 min Scan# 2956

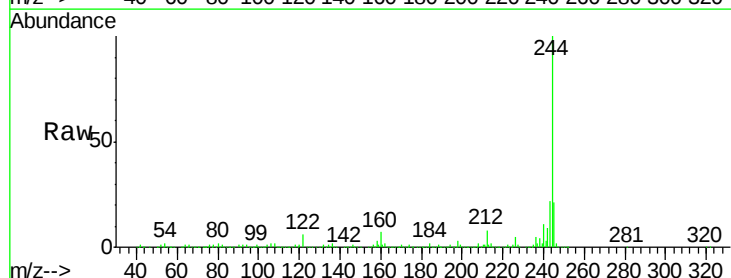
Delta R.T. 0.02 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Tgt Ion:244 Resp: 1147222

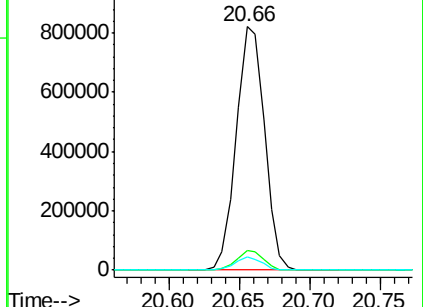
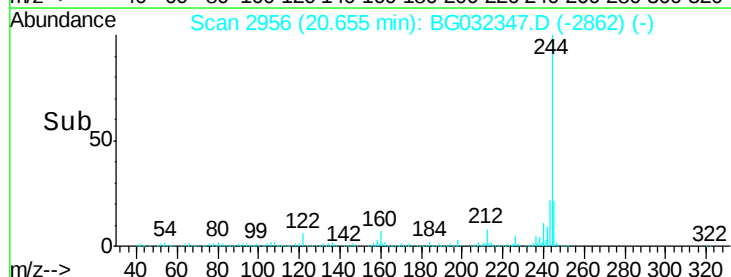
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	5.6	7.0	10.4#

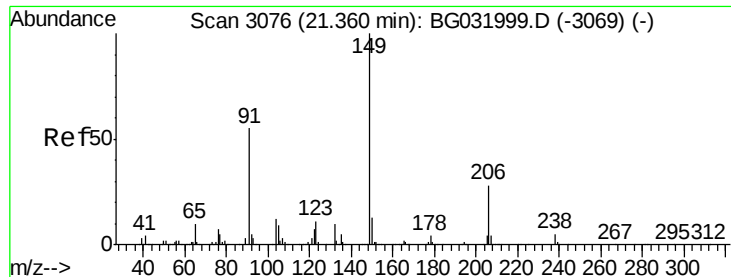


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.889 ng

RT: 21.35 min Scan# 3074

Delta R.T. 0.03 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

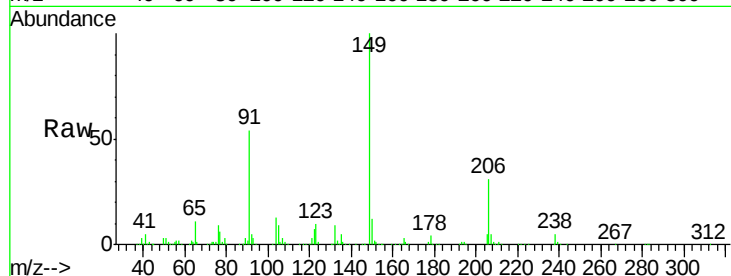
Tot Ion:149 Resp: 261225

Ion Ratio Lower Upper

149 100

91 53.6 62.2 93.2#

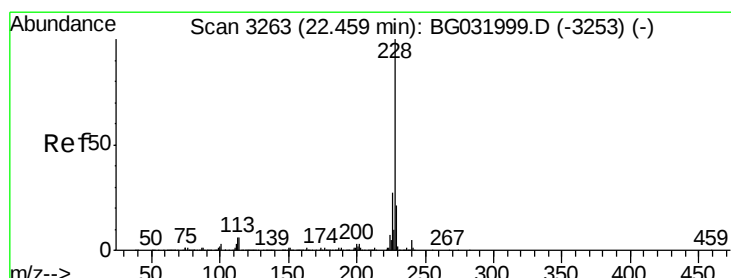
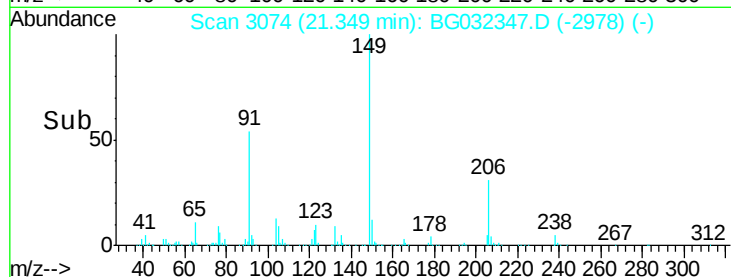
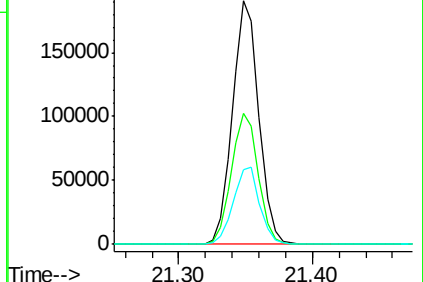
206 30.7 18.6 27.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BGC

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 42.384 ng

RT: 22.45 min Scan# 3262

Delta R.T. 0.05 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

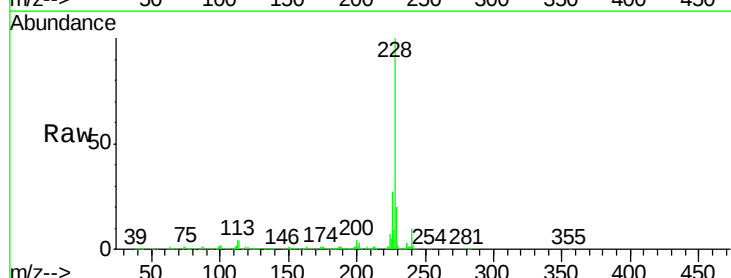
Tgt Ion:228 Resp: 806845

Ion Ratio Lower Upper

228 100

226 27.0 22.7 34.1

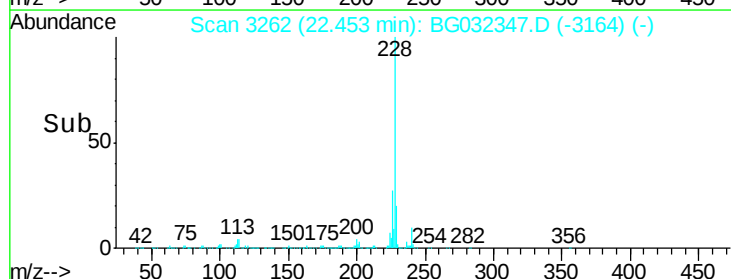
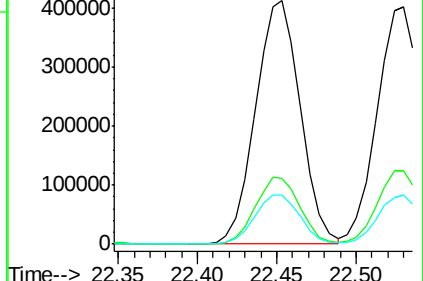
229 20.3 16.2 24.2

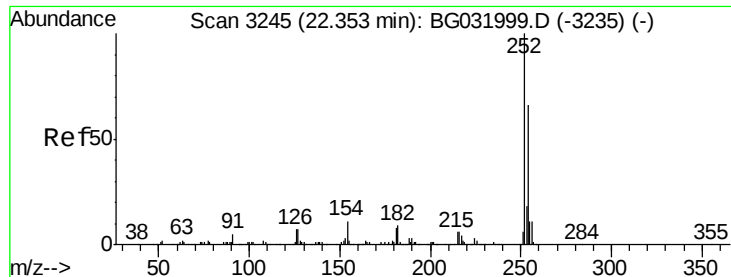


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

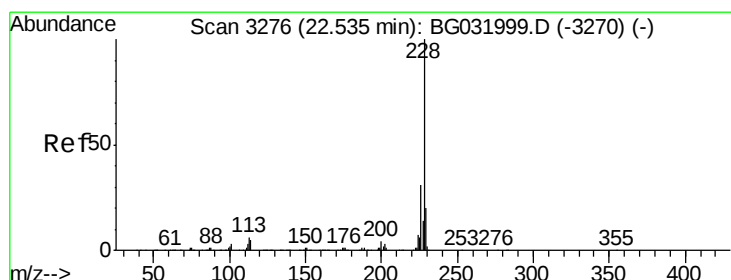
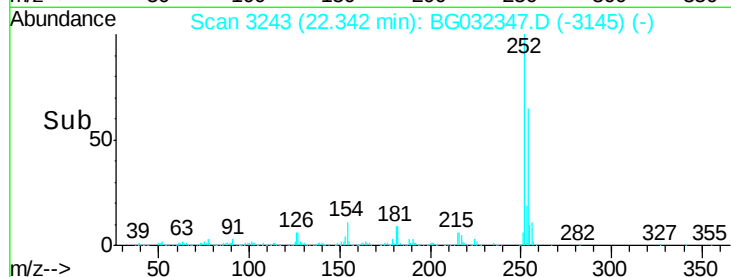
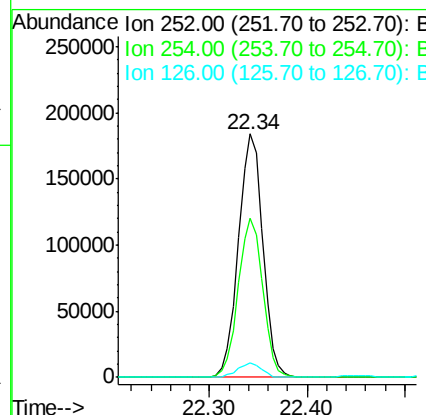
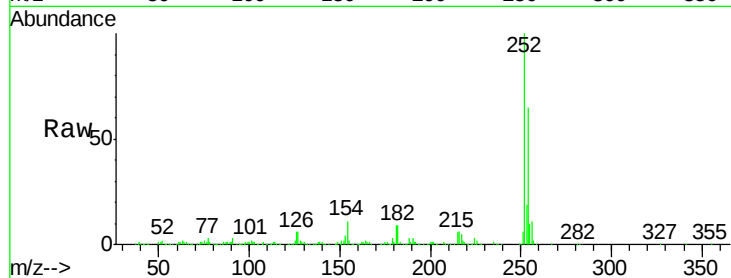




#81
 3,3'-Dichlorobenzidine
 Concen: 45.087 ng
 RT: 22.34 min Scan# 3243
 Delta R.T. 0.05 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

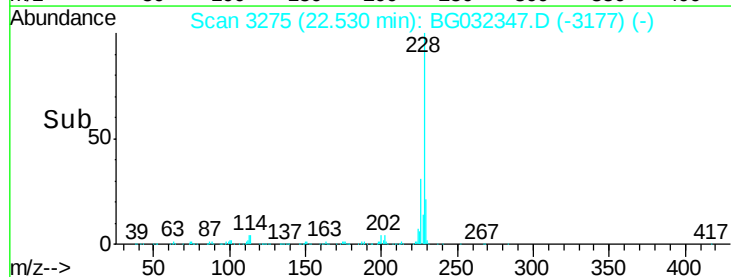
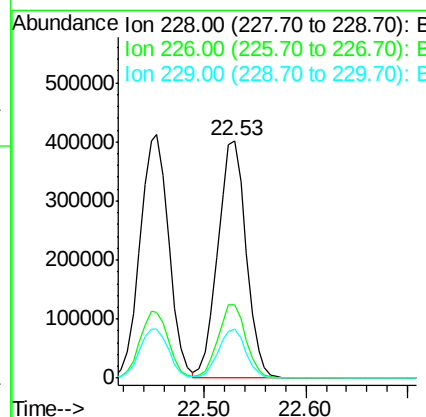
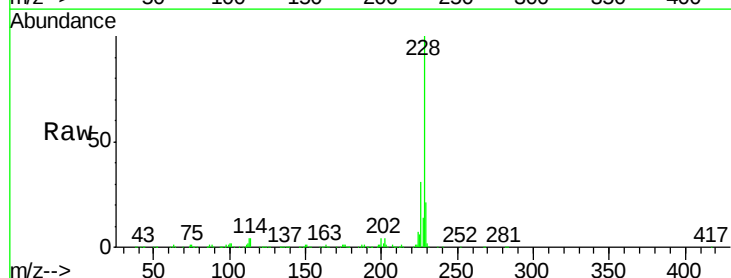
Instrument :
 BNA_G
 ClientSampleId :

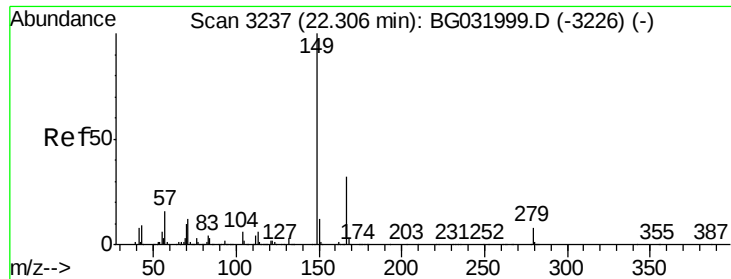
Tot Ion:252 Resp: 320625
 Ion Ratio Lower Upper
 252 100
 254 65.3 50.8 76.2
 126 6.1 7.4 11.2#



#82
 Chrysene
 Concen: 42.422 ng
 RT: 22.53 min Scan# 3275
 Delta R.T. 0.05 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:228 Resp: 775561
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 20.6 15.0 22.4

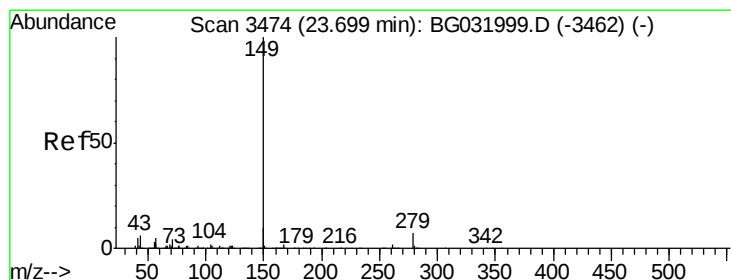
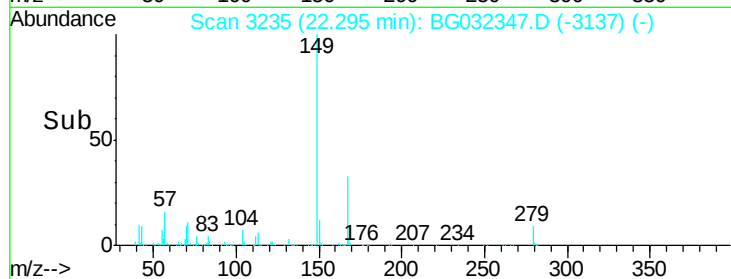
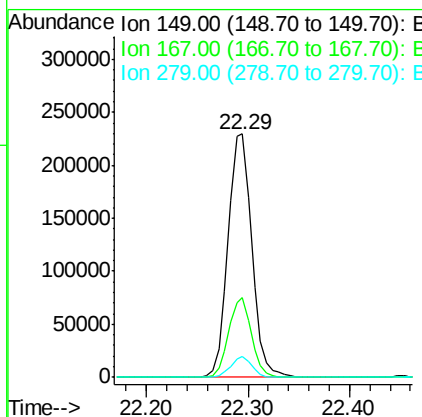
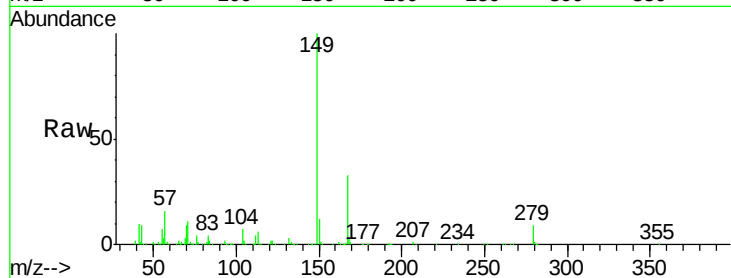




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.054 ng
 RT: 22.29 min Scan# 3235
 Delta R.T. 0.05 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

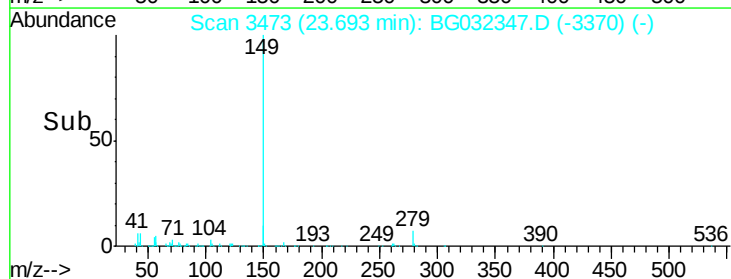
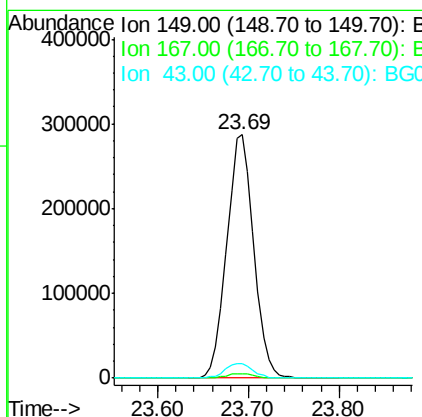
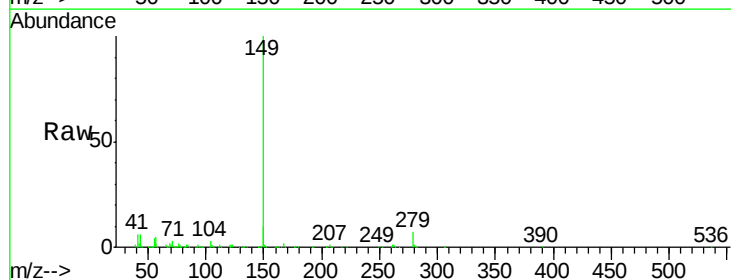
Instrument :
 BNA_G
 ClientSampleId :

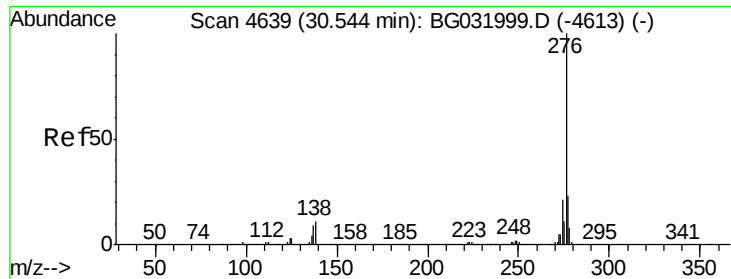
Tot Ion:149 Resp: 374619
 Ion Ratio Lower Upper
 149 100
 167 32.7 24.3 36.5
 279 8.7 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 36.921 ng
 RT: 23.69 min Scan# 3473
 Delta R.T. 0.08 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:149 Resp: 592835
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.4 2.0
 43 6.3 8.9 13.3#

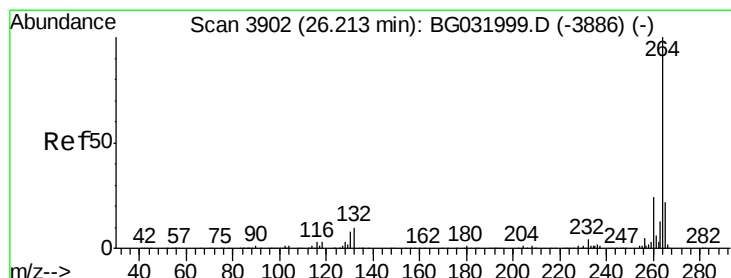
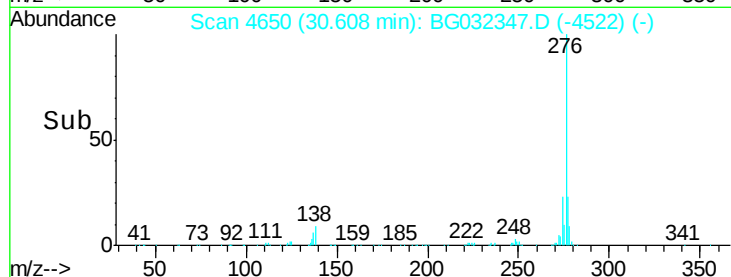
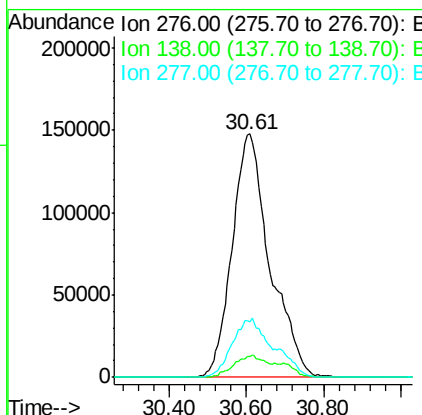
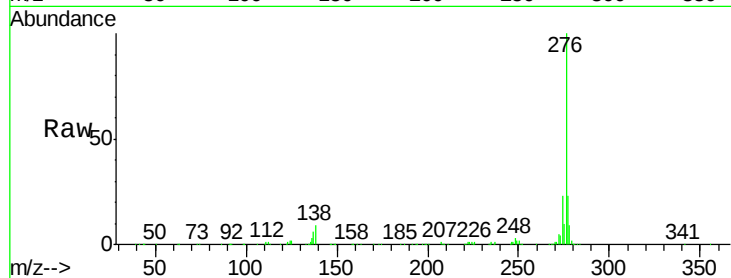




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.203 ng
 RT: 30.61 min Scan# 4650
 Delta R.T. 0.22 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

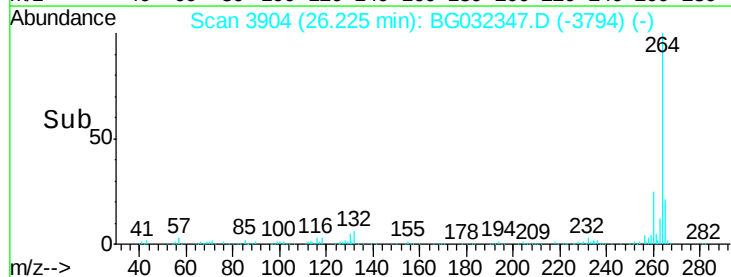
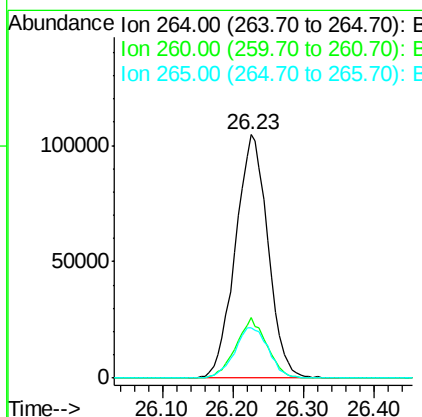
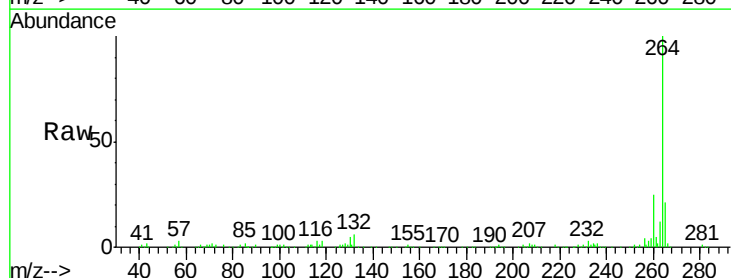
Instrument :
 BNA_G
 ClientSampleId :

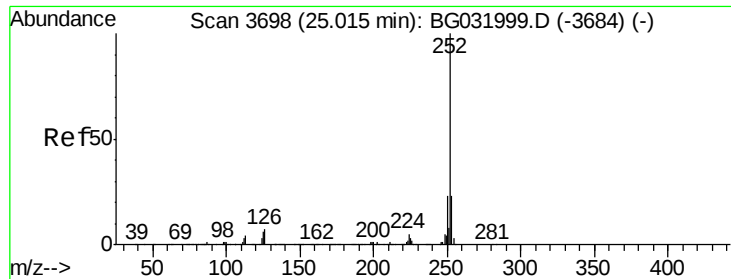
Tot Ion:276 Resp: 1011350
 Ion Ratio Lower Upper
 276 100
 138 7.8 16.0 24.0#
 277 21.9 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.23 min Scan# 3904
 Delta R.T. 0.12 min
 Lab File: BG032347.D
 Acq: 27 Jan 2018 9:14

Tgt Ion:264 Resp: 335916
 Ion Ratio Lower Upper
 264 100
 260 24.7 17.4 26.0
 265 20.7 17.7 26.5

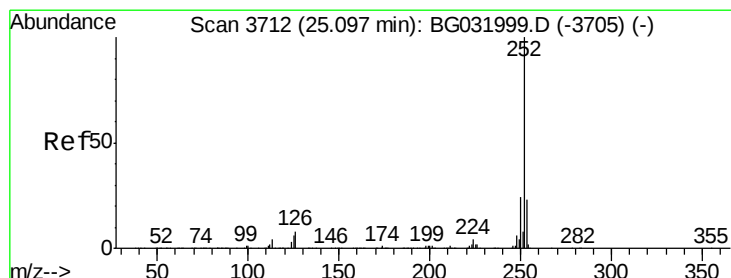
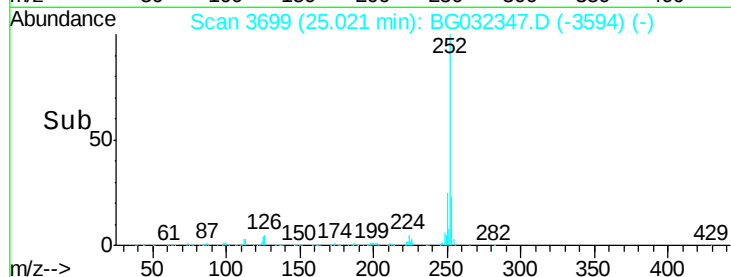
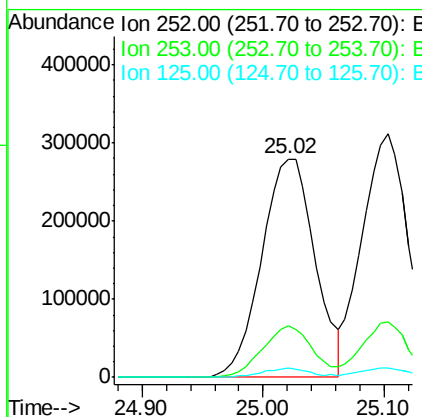
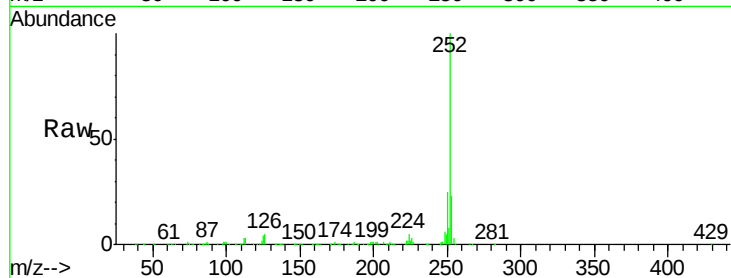




#87
Benzo(b)fluoranthene
Concen: 42.128 ng
RT: 25.02 min Scan# 3699
Delta R.T. 0.09 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

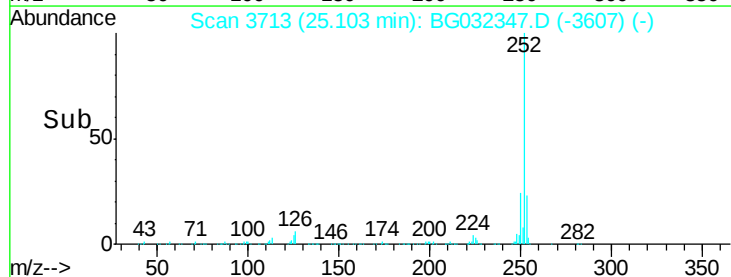
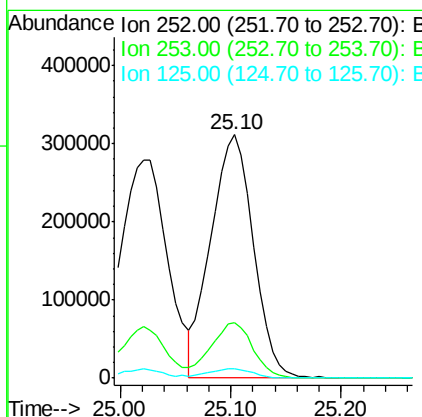
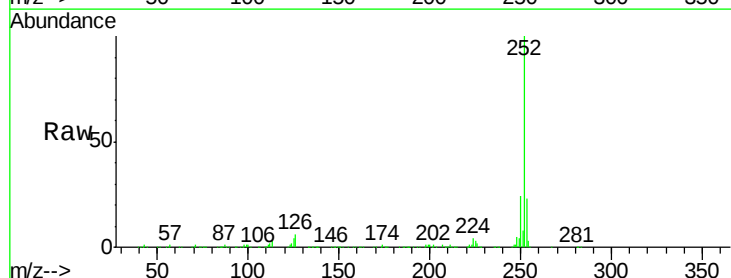
Instrument :
BNA_G
ClientSampleId :

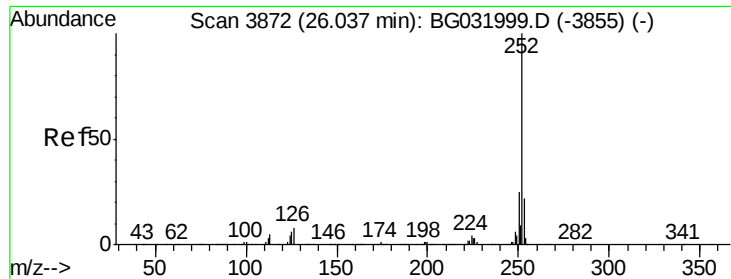
Tot Ion:252 Resp: 855371
Ion Ratio Lower Upper
252 100
253 23.4 18.2 27.4
125 4.2 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 41.861 ng
RT: 25.10 min Scan# 3713
Delta R.T. 0.09 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:252 Resp: 830550
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 4.1 6.6 9.8#

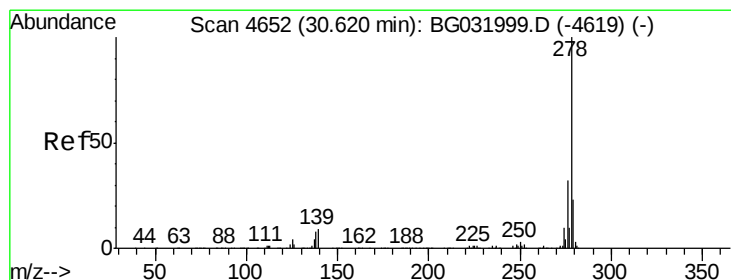
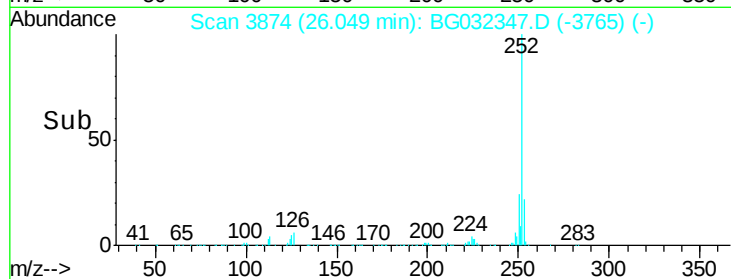
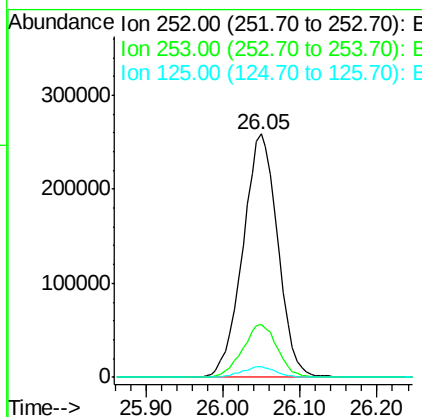
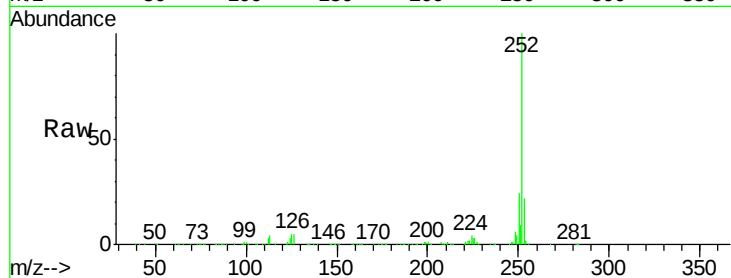




#89
Benzo(a)pyrene
Concen: 42.650 ng
RT: 26.05 min Scan# 3874
Delta R.T. 0.11 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

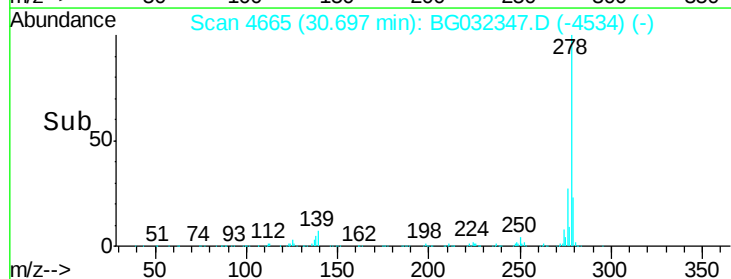
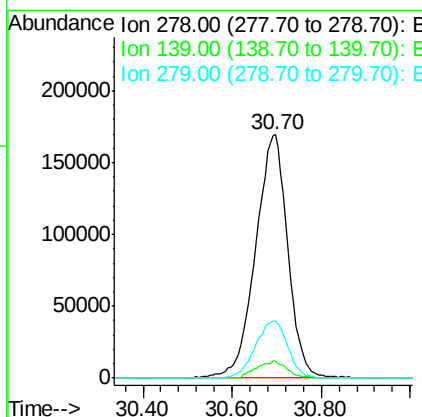
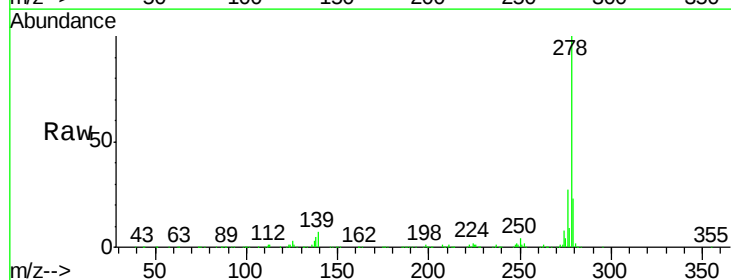
Instrument :
BNA_G
ClientSampleId :

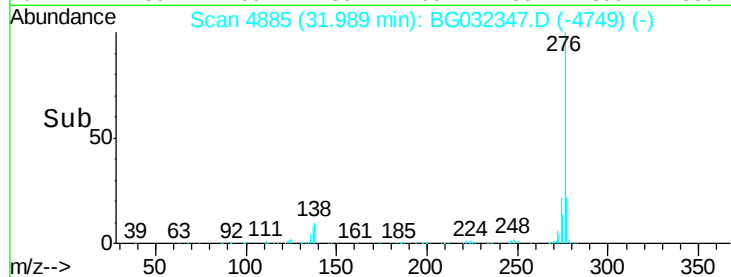
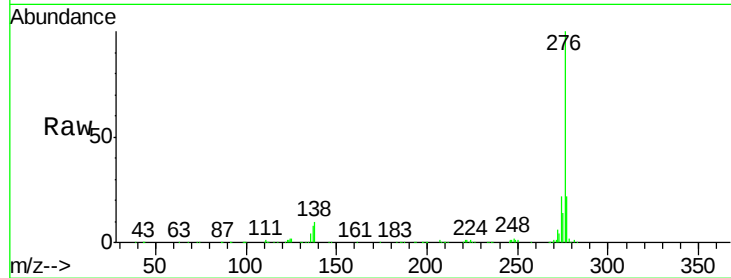
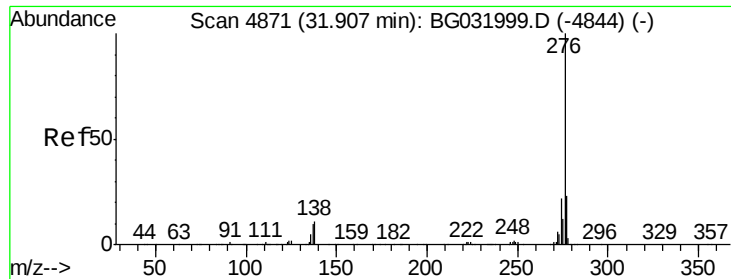
Tot Ion:252 Resp: 819186
Ion Ratio Lower Upper
252 100
253 21.8 18.3 27.5
125 4.6 7.3 10.9#



#90
Dibenzo(a,h)anthracene
Concen: 45.734 ng
RT: 30.70 min Scan# 4665
Delta R.T. 0.24 min
Lab File: BG032347.D
Acq: 27 Jan 2018 9:14

Tgt Ion:278 Resp: 846485
Ion Ratio Lower Upper
278 100
139 7.0 9.8 14.6#
279 23.5 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 43.852 ng

RT: 31.99 min Scan# 4885

Delta R.T. 0.27 min

Lab File: BG032347.D

Acq: 27 Jan 2018 9:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:276 Resp: 829580

Ion Ratio Lower Upper

276 100

277 22.1 18.3 27.5

138 9.6 13.9 20.9#

