

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032235.D
 Acq On : 23 Jan 2018 17:16
 Operator : SJ/JU
 Sample : PB105889BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

Quant Time: Jan 24 02:57:31 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	43779	20.00	ng	-0.01
21) Naphthalene-d8	11.61	136	186009	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	131110	20.00	ng	-0.02
63) Phenanthrene-d10	18.09	188	321383	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	405332	20.00	ng	-0.02
86) Perylene-d12	26.12	264	444362	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	306476	128.03	ng	0.00
7) Phenol-d6	7.84	99	380240	126.13	ng	0.00
23) Nitrobenzene-d5	9.93	82	230409	83.80	ng	-0.01
41) 2,4,6-Tribromophenol	16.84	330	256764	118.35	ng	-0.01
44) 2-Fluorobiphenyl	13.99	172	821389	77.68	ng	-0.01
78) Terphenyl-d14	20.63	244	1465554	79.84	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	24500	26.642	ng	# 79
3) Pyridine	4.26	79	71021	28.933	ng	# 85
4) n-Nitrosodimethylamine	4.18	42	42050	48.761	ng	# 86
6) Aniline	8.02	93	100550	26.443	ng	# 93
8) 2-Chlorophenol	8.28	128	113295	42.298	ng	# 82
9) Benzaldehyde	7.83	77	51778	29.643	ng	# 84
10) Phenol	7.87	94	128261	43.190	ng	# 93
11) bis(2-Chloroethyl)ether	8.11	93	85170	35.798	ng	# 79
12) 1,3-Dichlorobenzene	8.61	146	124908	35.631	ng	# 95
13) 1,4-Dichlorobenzene	8.76	146	129391	36.658	ng	# 93
14) 1,2-Dichlorobenzene	9.09	146	125281	36.697	ng	# 97
15) Benzyl Alcohol	8.96	79	99834	45.585	ng	# 94
16) 2,2'-oxybis(1-Chloropropan	9.26	45	84079	34.773	ng	# 79
17) 2-Methylphenol	9.16	107	90725	39.975	ng	# 94
18) Hexachloroethane	9.85	117	42892	39.539	ng	# 78
19) n-Nitroso-di-n-propylamine	9.54	70	70865	37.886	ng	# 92
20) 3+4-Methylphenols	9.50	107	126423	40.210	ng	# 97
22) Acetophenone	9.57	105	160137	37.901	ng	# 91
24) Nitrobenzene	9.97	77	112200	40.912	ng	# 88
25) Isophorone	10.49	82	202670	39.588	ng	# 84
26) 2-Nitrophenol	10.70	139	70492	43.380	ng	# 83
27) 2,4-Dimethylphenol	10.73	122	114673	44.469	ng	# 96
28) bis(2-Chloroethoxy)methane	10.97	93	122795	39.811	ng	# 91
29) 2,4-Dichlorophenol	11.24	162	145329	45.801	ng	# 89
30) 1,2,4-Trichlorobenzene	11.46	180	159715	38.975	ng	# 97
31) Naphthalene	11.66	128	345329	37.477	ng	# 100
32) Benzoic acid	10.84	122	55136	28.991	ng	# 95
33) 4-Chloroaniline	11.76	127	104183	26.366	ng	# 93
34) Hexachlorobutadiene	11.93	225	115882	39.372	ng	# 92
35) Caprolactam	12.51	113	38580	40.078	ng	# 46
36) 4-Chloro-3-methylphenol	12.83	107	128998	44.416	ng	# 87
37) 2-Methylnaphthalene	13.22	142	290227	39.673	ng	# 91
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	223950	39.186	ng	# 97
40) Hexachlorocyclopentadiene	13.55	237	278179	86.420	ng	# 94

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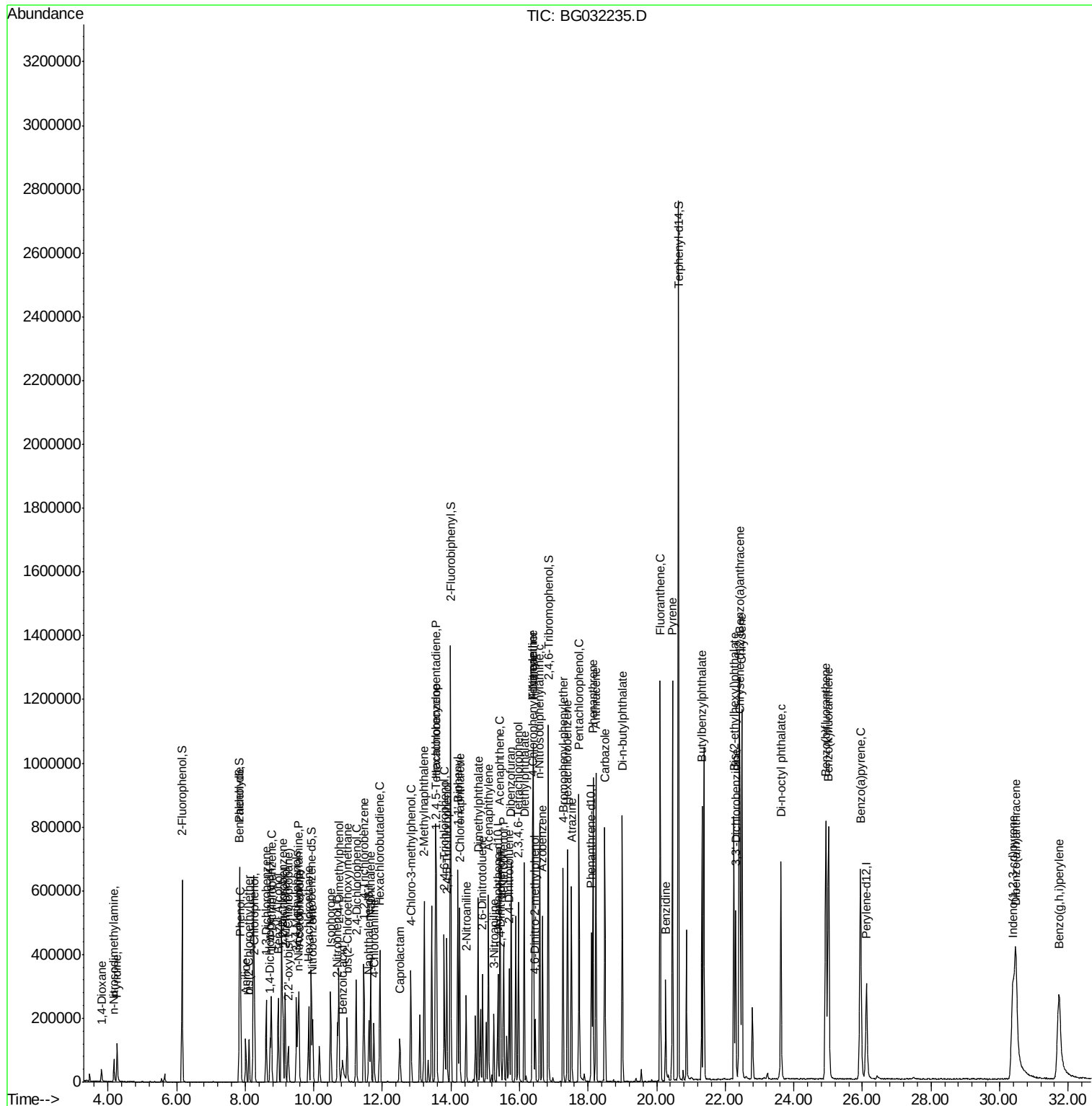
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.81	196	136757	42.588	nq	99
43) 2,4,5-Trichlorophenol	13.88	196	147484	39.679	nq	# 92
45) 1,1'-Biphenyl	14.21	154	417132	37.112	nq	96
46) 2-Chloronaphthalene	14.26	162	327334	37.436	nq	95
47) 2-Nitroaniline	14.44	65	72047	43.041	nq	# 76
48) Acenaphthylene	15.09	152	476815	35.810	nq	98
49) Dimethylphthalate	14.79	163	429340	37.421	nq	99
50) 2,6-Dinitrotoluene	14.92	165	95666	40.171	nq	# 68
51) Acenaphthene	15.43	154	340676	38.694	nq	97
52) 3-Nitroaniline	15.25	138	63206	29.386	nq	# 74
53) 2,4-Dinitrophenol	15.46	184	66410	57.716	nq	# 50
54) Dibenzofuran	15.76	168	509298	38.777	nq	99
55) 4-Nitrophenol	15.54	139	125976	80.368	nq	# 76
56) 2,4-Dinitrotoluene	15.70	165	133981	41.788	nq	# 72
57) Fluorene	16.40	166	403671	37.475	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	150860	43.874	nq	# 85
59) Diethylphthalate	16.14	149	410175	36.877	nq	97
60) 4-Chlorophenyl-phenylether	16.38	204	263317	39.849	nq	92
61) 4-Nitroaniline	16.41	138	81732	39.613	nq	89
62) Azobenzene	16.67	77	265910	38.196	nq	88
64) 4,6-Dinitro-2-methylphenol	16.46	198	67857	34.515	nq	# 69
65) n-Nitrosodiphenylamine	16.59	169	374169	38.368	nq	98
66) 4-Bromophenyl-phenylether	17.27	248	182457	39.901	nq	93
67) Hexachlorobenzene	17.40	284	189577	37.473	nq	# 92
68) Atrazine	17.51	200	163031	39.752	nq	96
69) Pentachlorophenol	17.74	266	209825	64.888	nq	100
70) Phenanthrene	18.14	178	672616	37.590	nq	99
71) Anthracene	18.23	178	690525	38.692	nq	98
72) Carbazole	18.49	167	590752	38.158	nq	100
73) Di-n-butylphthalate	19.00	149	658675	36.005	nq	99
74) Fluoranthene	20.10	202	903823	40.343	nq	94
76) Benzidine	20.26	184	214369	21.150	nq	98
77) Pyrene	20.46	202	910901	35.749	nq	99
79) Butylbenzylphthalate	21.32	149	315933	34.606	nq	# 77
80) Benzo(a)anthracene	22.41	228	992111	39.357	nq	99
81) 3,3'-Dichlorobenzidine	22.30	252	265654	28.211	nq	# 97
82) Chrysene	22.48	228	920108	38.007	nq	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	446063	33.319	nq	# 96
84) Di-n-octyl phthalate	23.62	149	764093	35.936	nq	# 89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1192379	40.247	nq	# 72
87) Benzo(b)fluoranthene	24.93	252	1057096	39.357	nq	# 96
88) Benzo(k)fluoranthene	25.02	252	1016551	38.732	nq	# 95
89) Benzo(a)pyrene	25.94	252	1031216	40.586	nq	# 96
90) Dibenzo(a,h)anthracene	30.47	278	957353	39.101	nq	# 93
91) Benzo(g,h,i)perylene	31.73	276	904118	36.129	nq	# 91

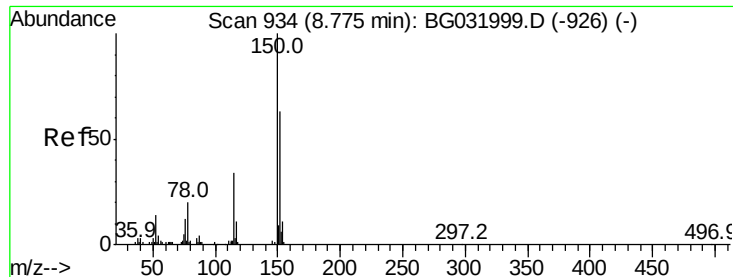
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

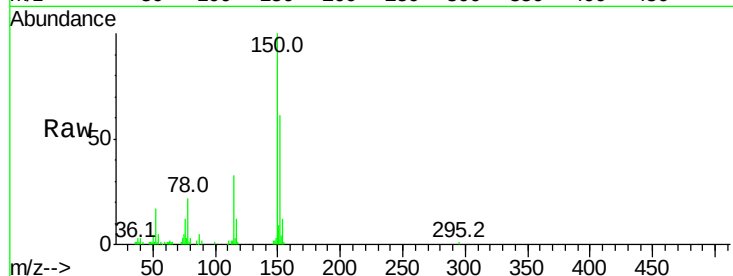
Tot Ion:152 Resp: 43779

Ion Ratio Lower Upper

152 100

150 163.3 126.6 189.8

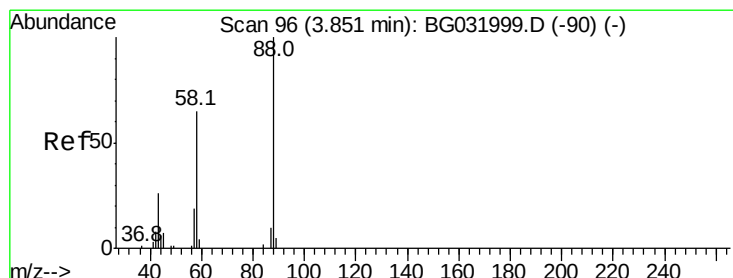
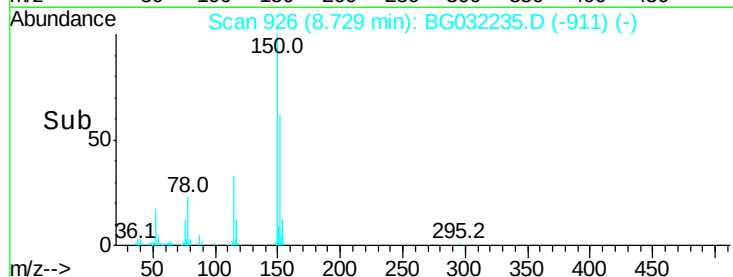
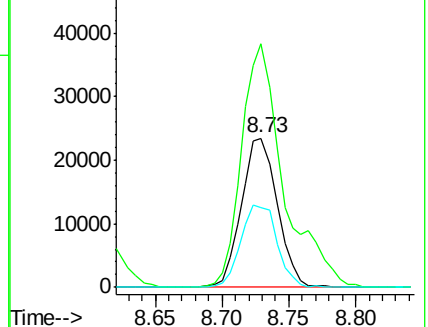
115 53.8 53.0 79.4



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: 26.642 ng

RT: 3.81 min Scan# 89

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

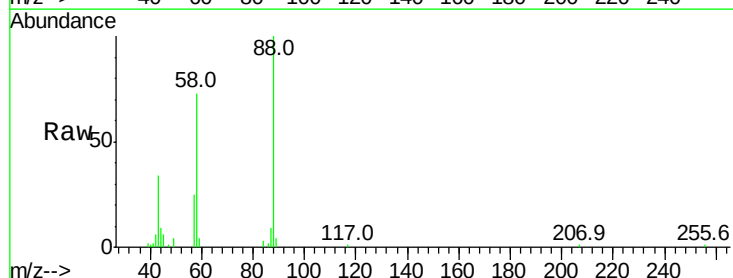
Tgt Ion: 88 Resp: 24500

Ion Ratio Lower Upper

88 100

58 72.5 79.6 119.4#

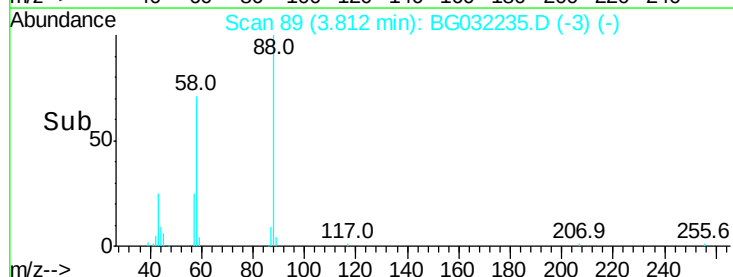
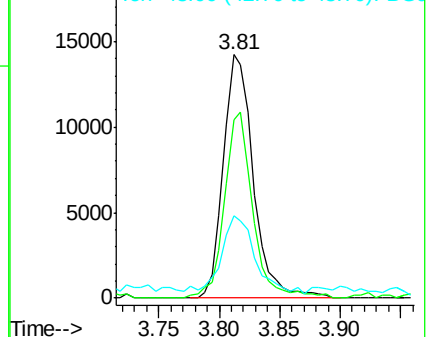
43 33.2 27.4 41.0

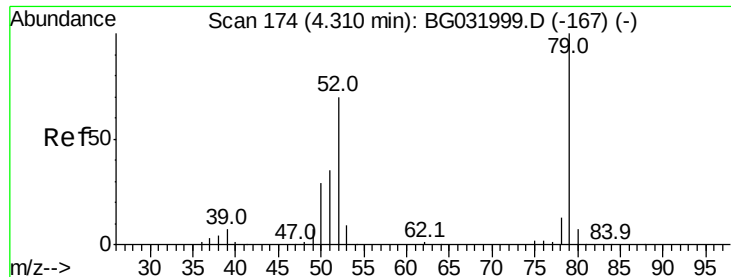


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.933 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

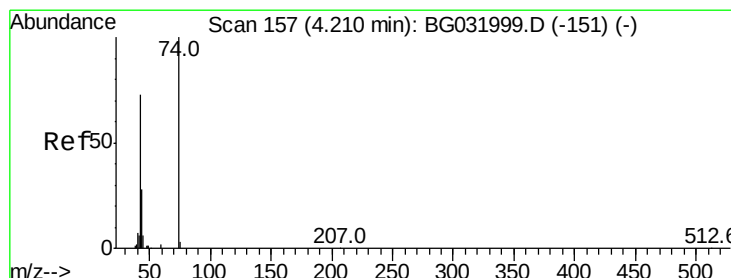
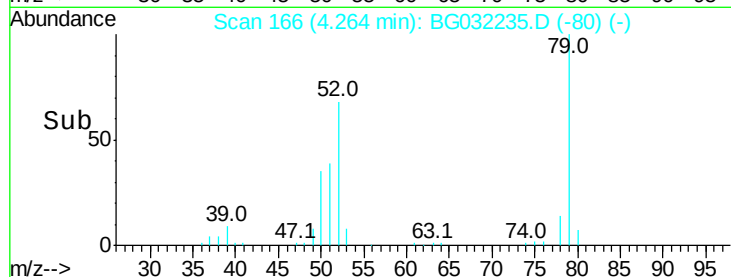
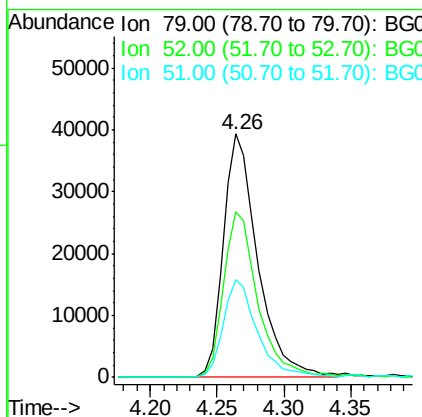
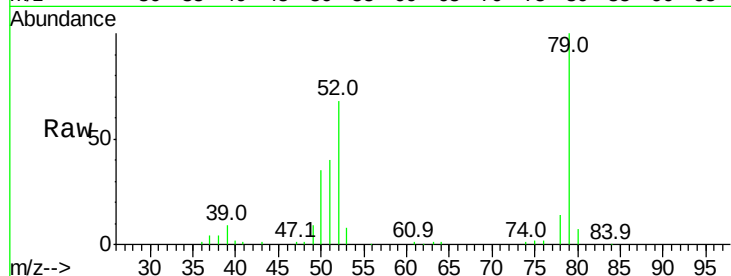
BNA_G

ClientSampleId :

PB105889BS

Tot Ion: 79 Resp: 71021

Ion	Ratio	Lower	Upper
79	100		
52	67.9	69.9	104.9#
51	39.9	34.0	51.0



#4

n-Nitrosodimethylamine

Concen: 48.761 ng

RT: 4.18 min Scan# 151

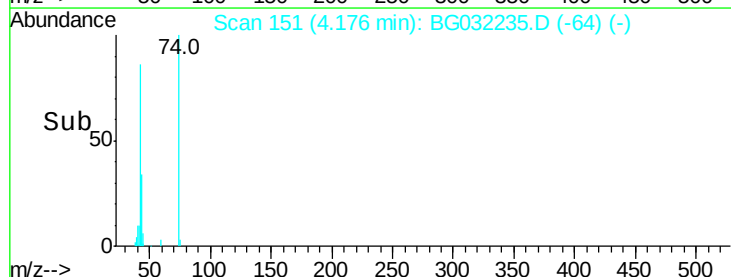
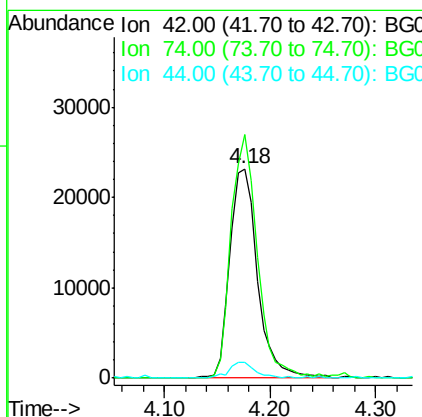
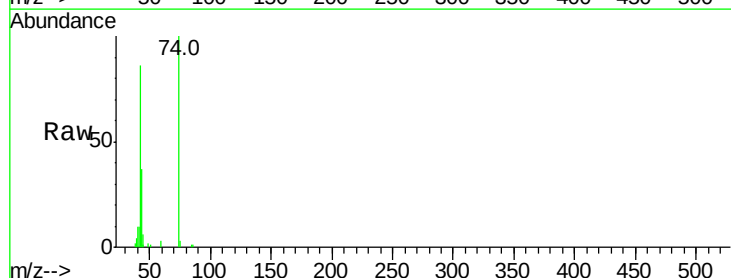
Delta R.T. -0.02 min

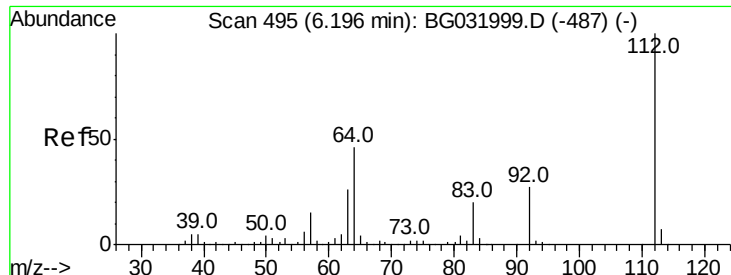
Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Tgt Ion: 42 Resp: 42050

Ion	Ratio	Lower	Upper
42	100		
74	116.2	102.5	153.7
44	8.2	18.9	28.3#





#5

2-Fluorophenol

Concen: 128.035 ng

RT: 6.16 min Scan# 489

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampled :

PB105889BS

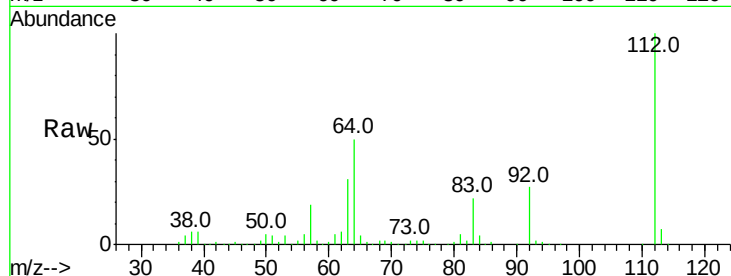
Tot Ion: 112 Resp: 306476

Ion Ratio Lower Upper

112 100

64 50.1 56.3 84.5#

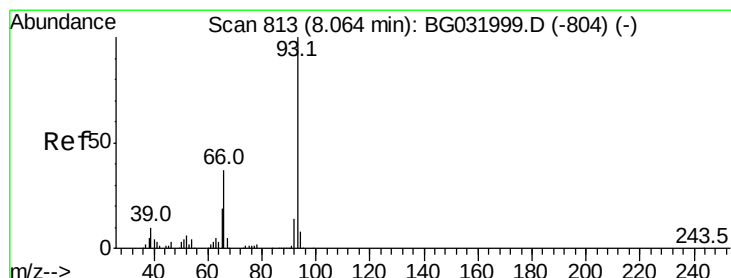
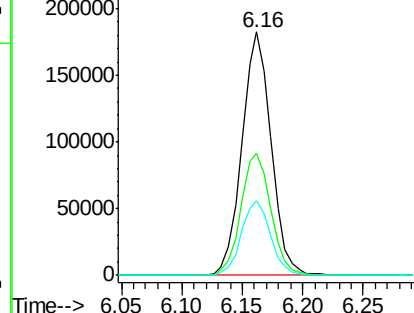
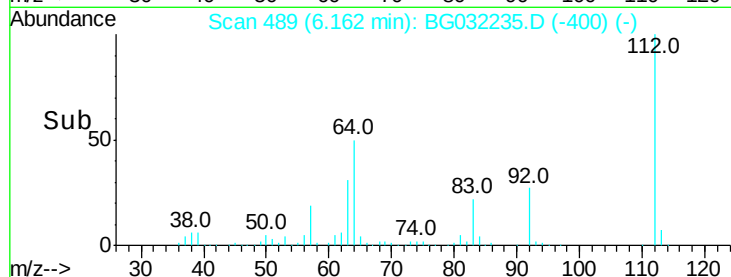
63 30.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.443 ng

RT: 8.02 min Scan# 806

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

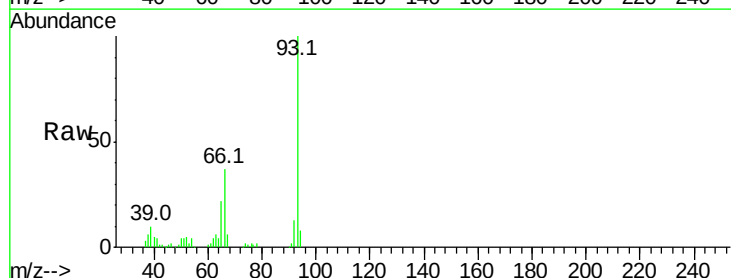
Tgt Ion: 93 Resp: 100550

Ion Ratio Lower Upper

93 100

66 37.2 33.7 50.5

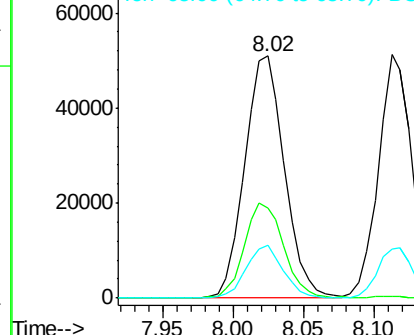
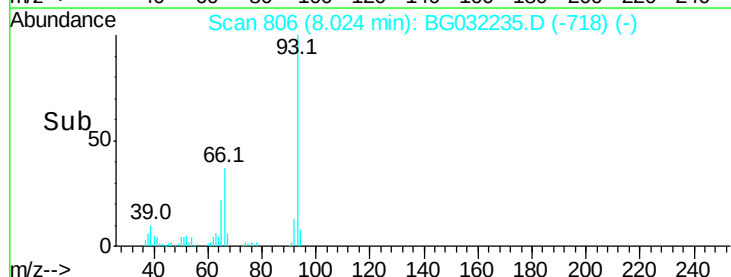
65 22.1 16.1 24.1

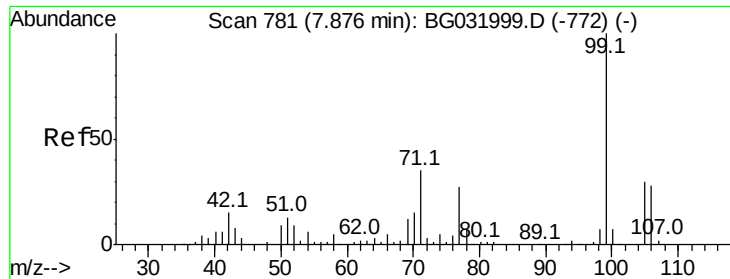


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 126.128 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.01 min

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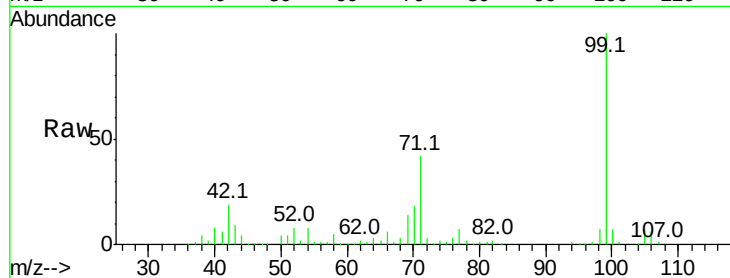
Tot Ion: 99 Resp: 380240

Ion Ratio Lower Upper

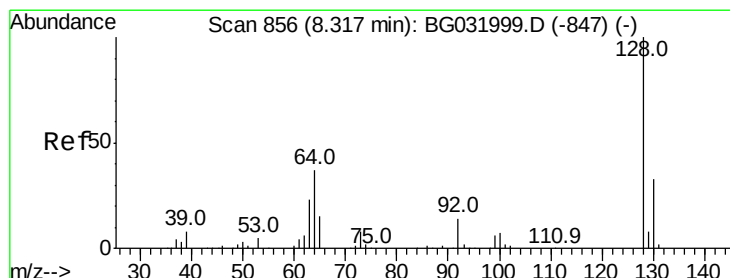
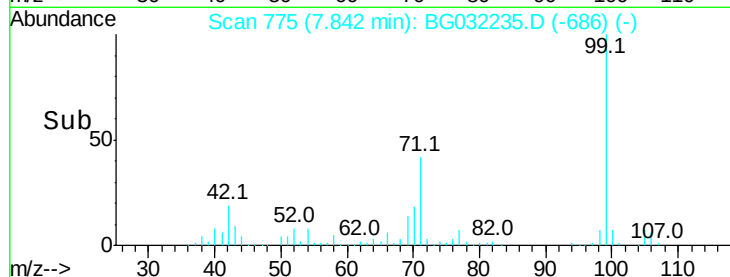
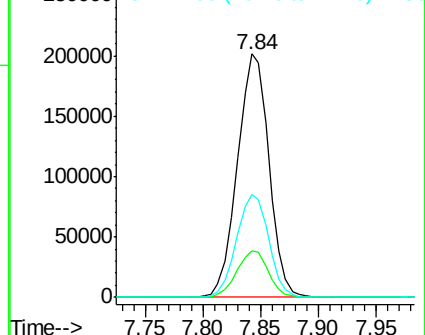
99 100

42 18.9 14.1 21.1

71 42.0 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: 42.298 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

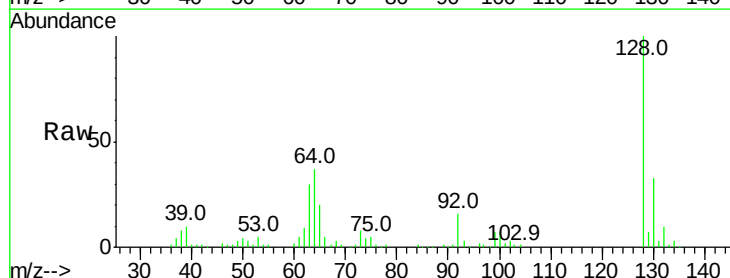
Tgt Ion: 128 Resp: 113295

Ion Ratio Lower Upper

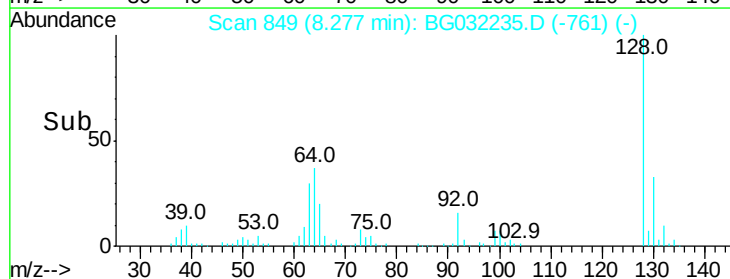
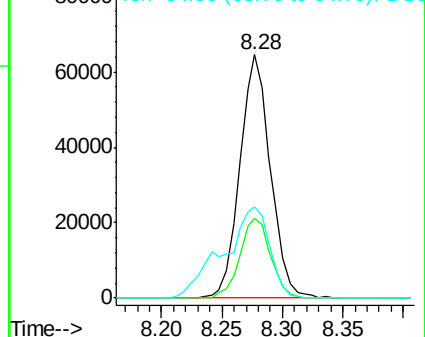
128 100

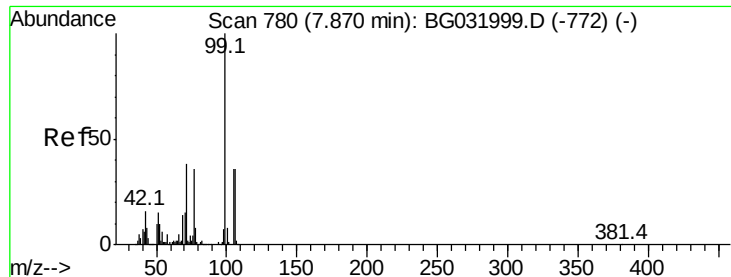
130 32.9 14.0 54.0

64 37.4 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: 29.643 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

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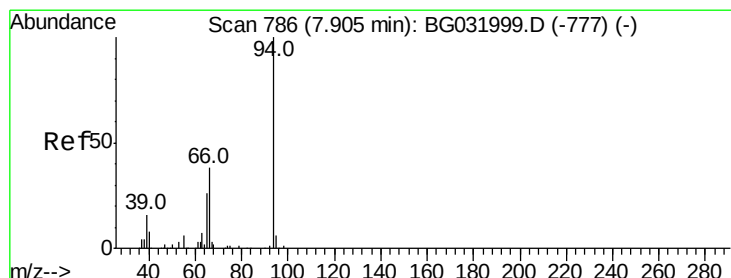
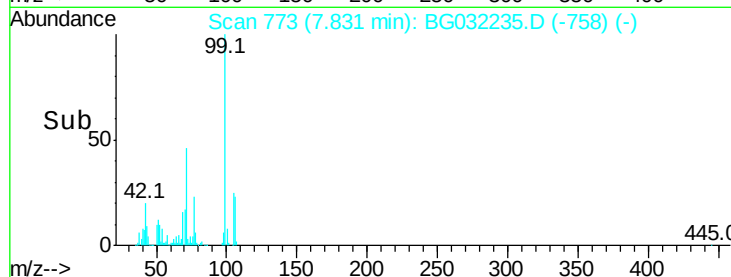
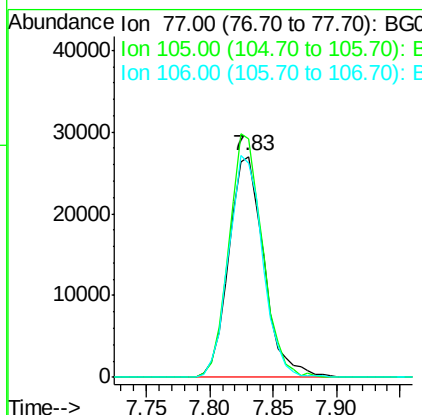
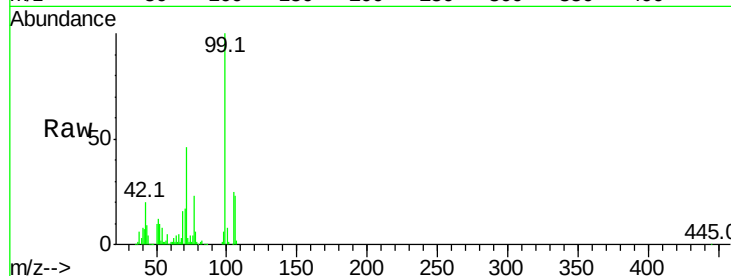
Tot Ion: 77 Resp: 51778

Ion Ratio Lower Upper

77 100

105 108.2 71.3 111.3

106 97.0 64.2 104.2



#10

Phenol

Concen: 43.190 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

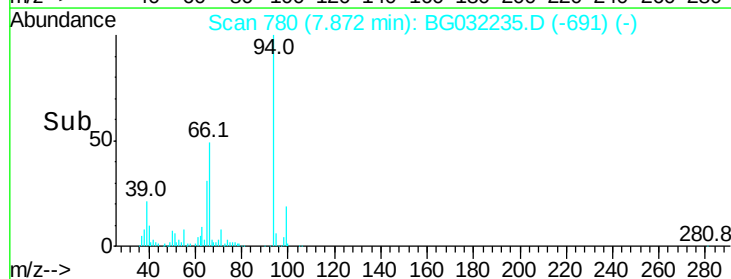
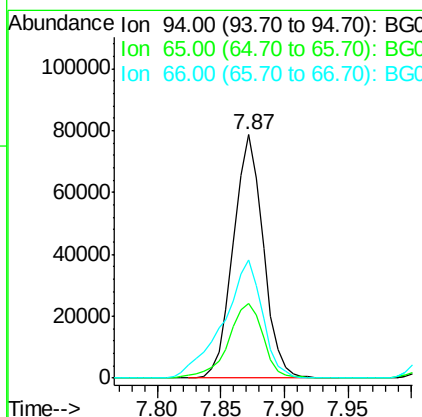
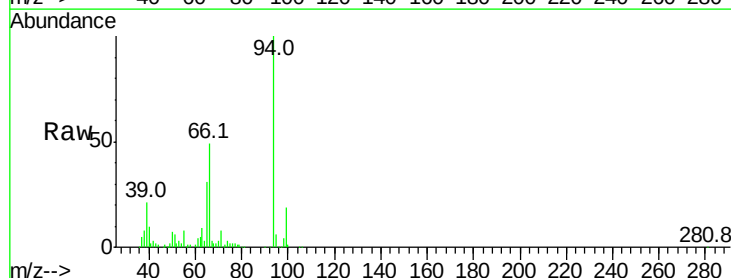
Tgt Ion: 94 Resp: 128261

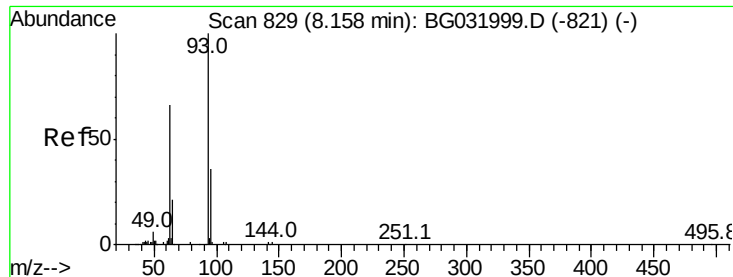
Ion Ratio Lower Upper

94 100

65 30.8 11.9 51.9

66 48.7 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 35.798 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

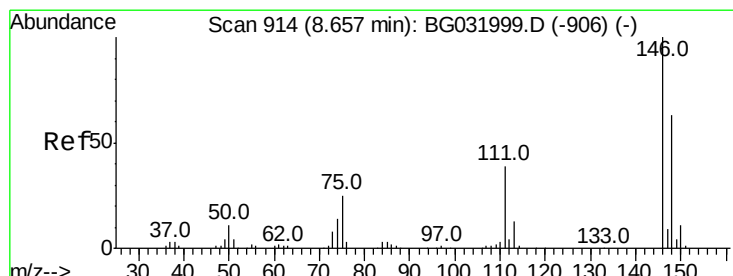
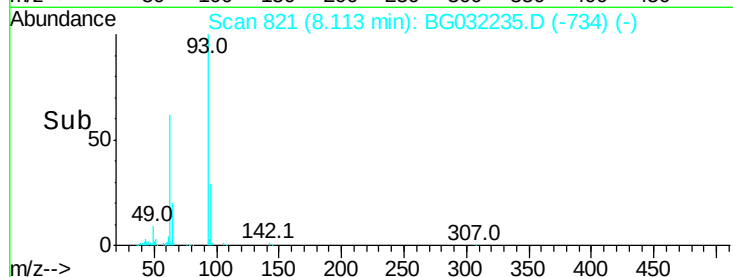
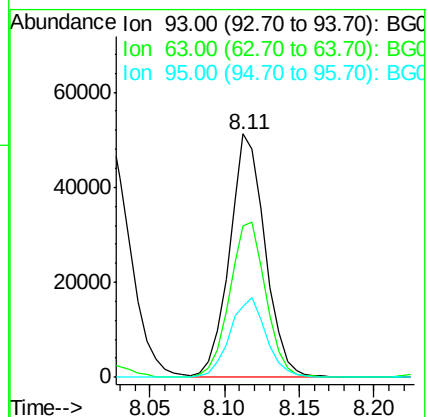
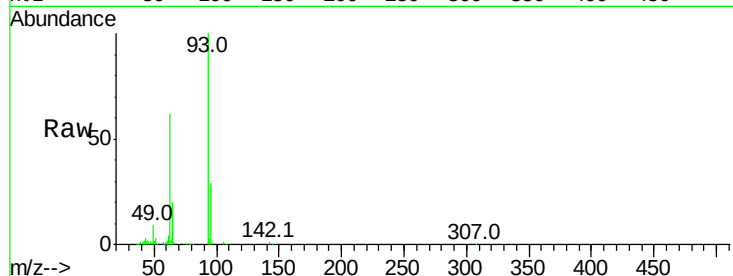
Tot Ion: 93 Resp: 85170

Ion Ratio Lower Upper

93 100

63 62.2 67.1 107.1#

95 29.3 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 35.631 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

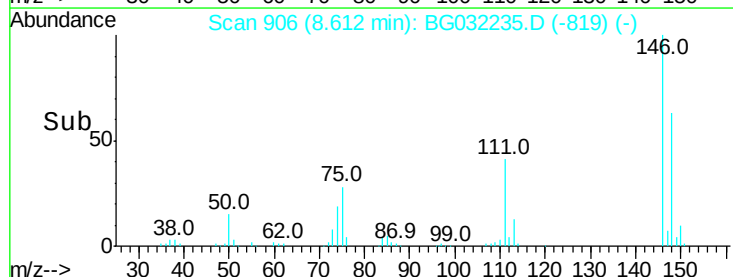
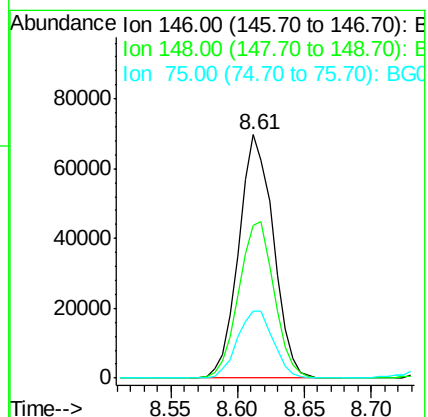
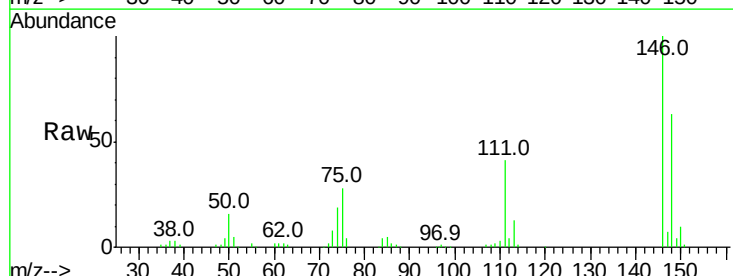
Tgt Ion: 146 Resp: 124908

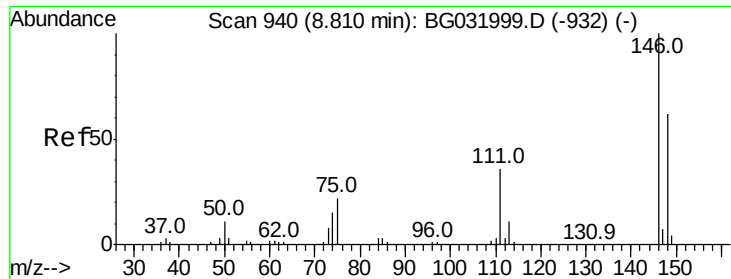
Ion Ratio Lower Upper

146 100

148 62.8 51.4 77.2

75 27.7 26.6 39.8

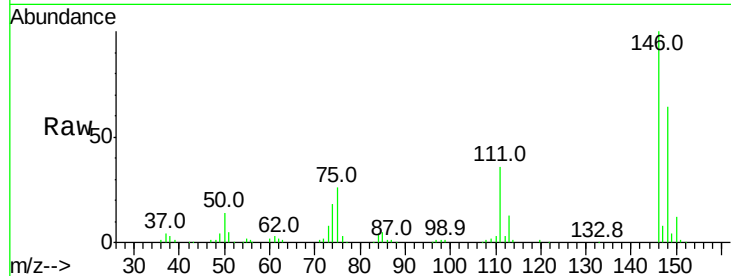




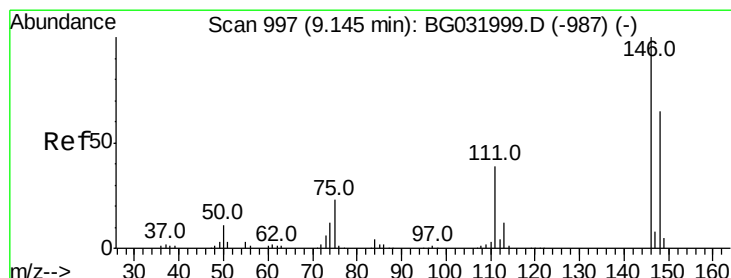
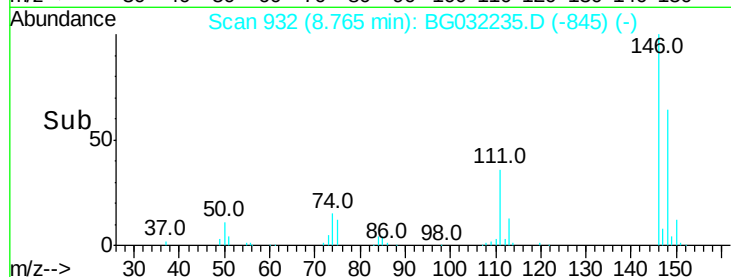
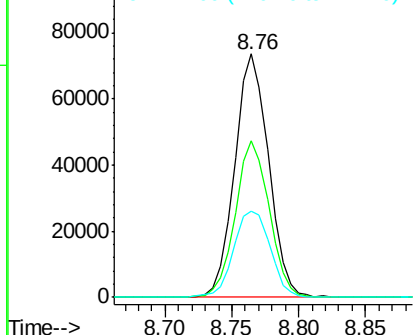
#13
 1,4-Dichlorobenzene
 Concen: 36.658 ng
 RT: 8.76 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

Tot Ion:146 Resp: 129391
 Ion Ratio Lower Upper
 146 100
 148 64.1 53.7 80.5
 111 35.6 35.2 52.8

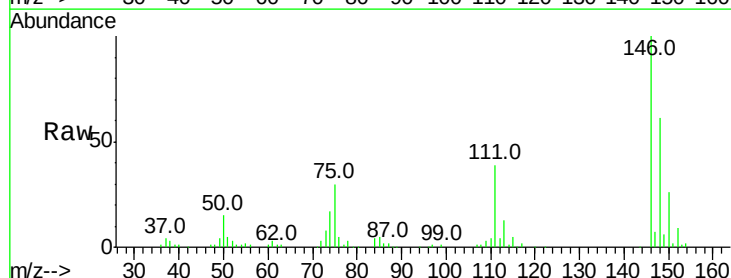


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

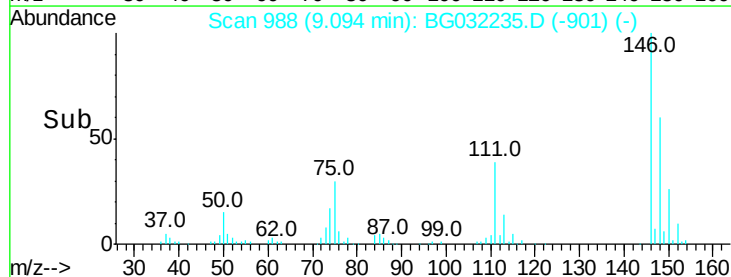
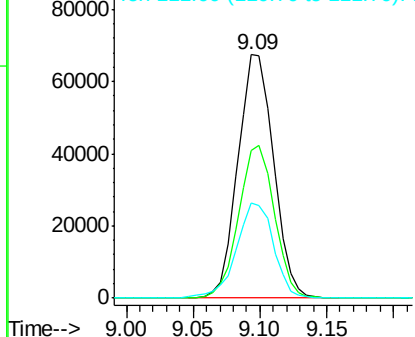


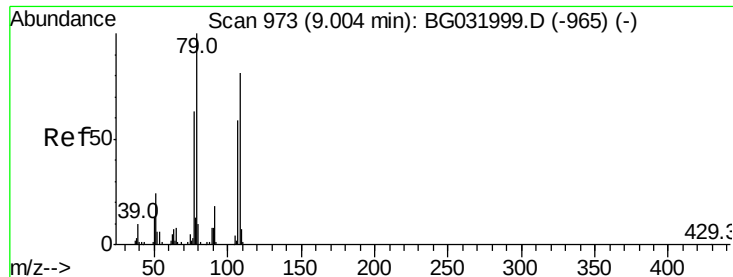
#14
 1,2-Dichlorobenzene
 Concen: 36.697 ng
 RT: 9.09 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:146 Resp: 125281
 Ion Ratio Lower Upper
 146 100
 148 60.5 49.3 73.9
 111 39.0 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 45.585 ng

RT: 8.96 min Scan# 966

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

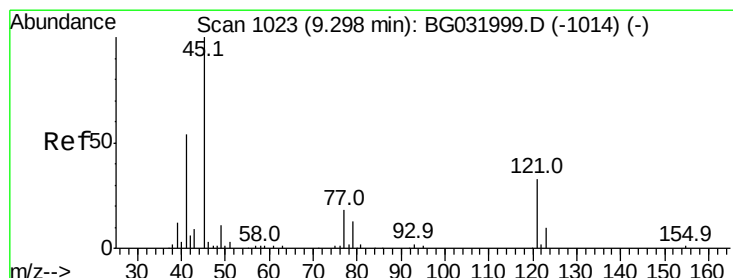
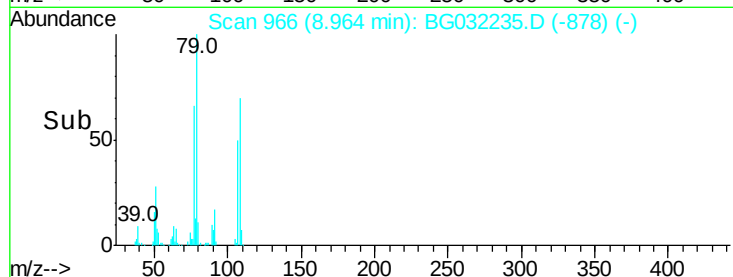
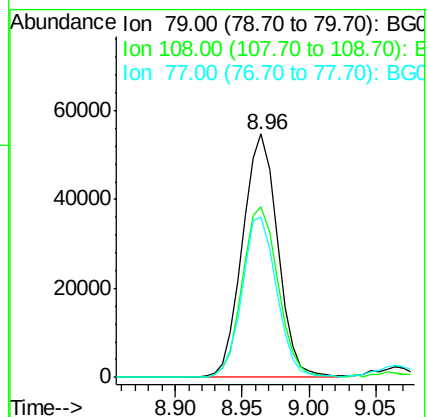
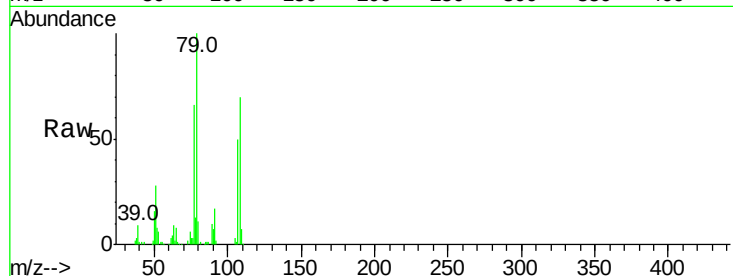
Tot Ion: 79 Resp: 99834

Ion Ratio Lower Upper

79 100

108 70.3 57.2 85.8

77 65.8 46.1 69.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.773 ng

RT: 9.26 min Scan# 1016

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

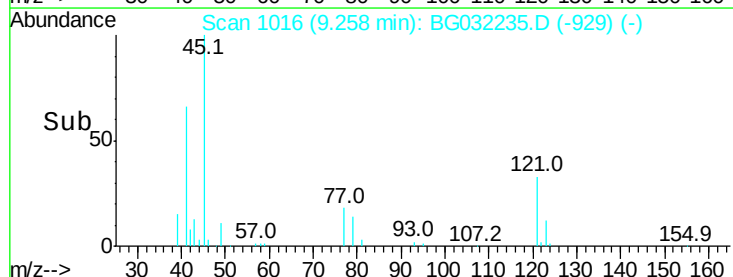
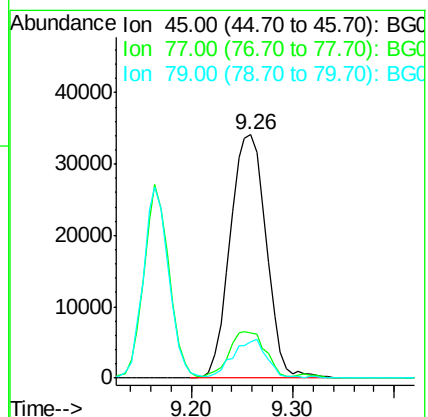
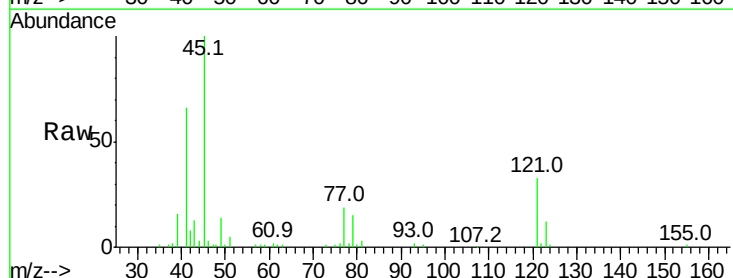
Tgt Ion: 45 Resp: 84079

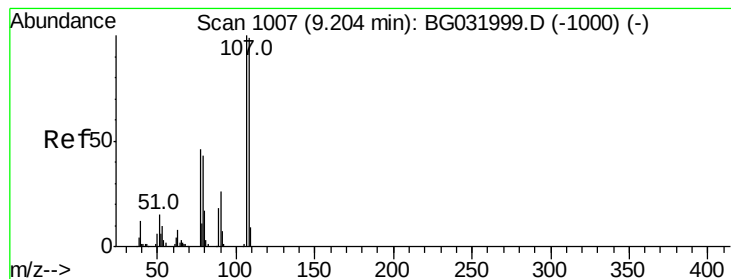
Ion Ratio Lower Upper

45 100

77 18.6 0.0 30.2

79 14.8 0.0 27.9





#17

2-Methylphenol

Concen: 39.975 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

Tot Ion:107 Resp: 90725

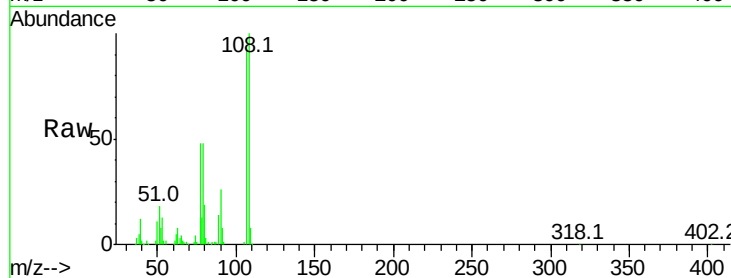
Ion Ratio Lower Upper

107 100

108 108.6 83.9 125.9

77 52.5 37.2 55.8

79 51.9 36.2 54.2

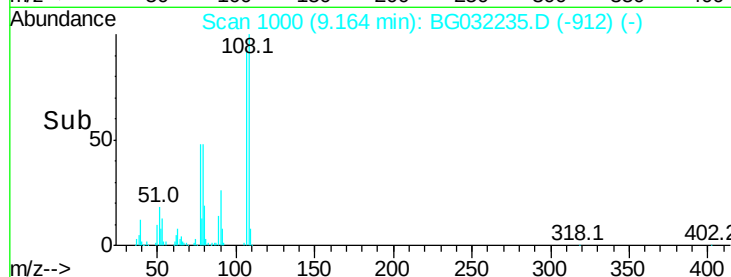


Abundance Ion 107.00 (106.70 to 107.70): E

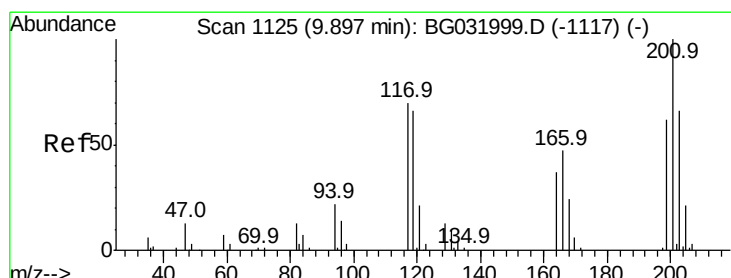
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 39.539 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

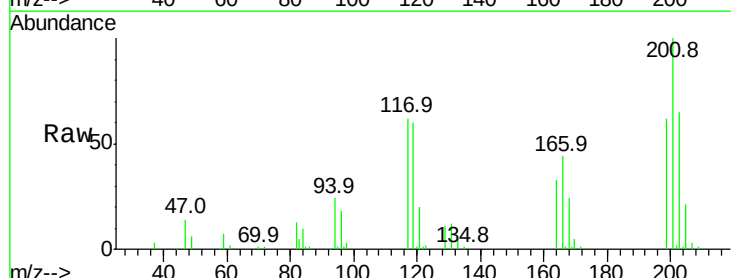
Tgt Ion:117 Resp: 42892

Ion Ratio Lower Upper

117 100

119 97.0 76.7 115.1

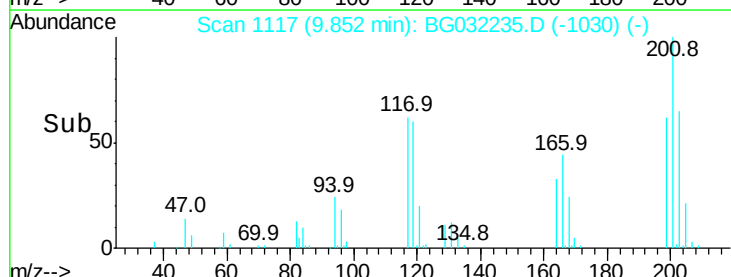
201 161.6 95.7 143.5#



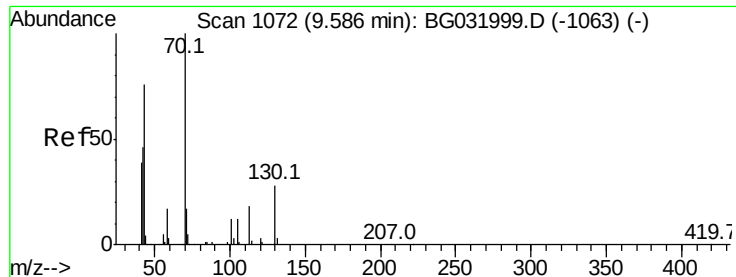
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



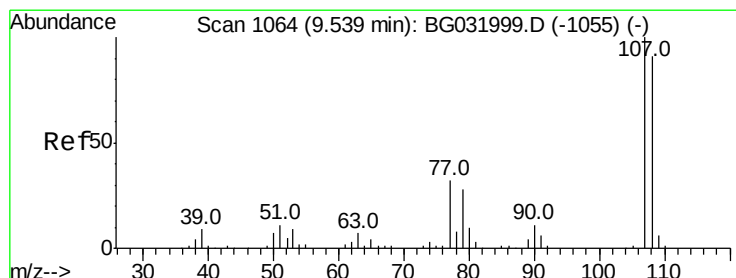
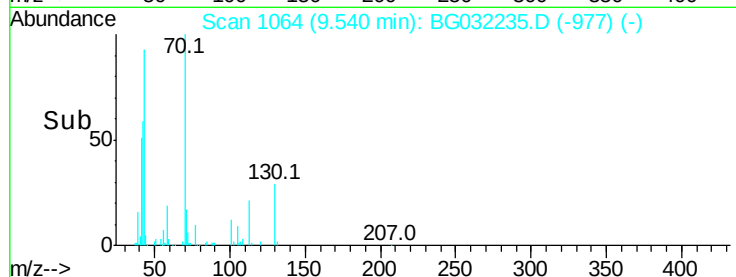
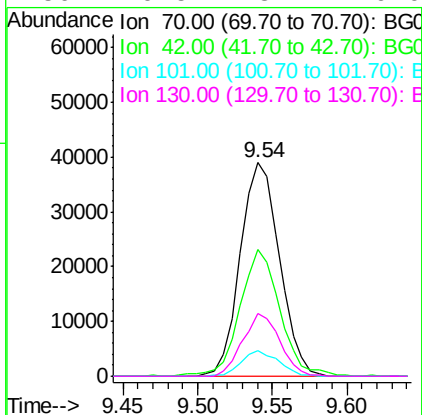
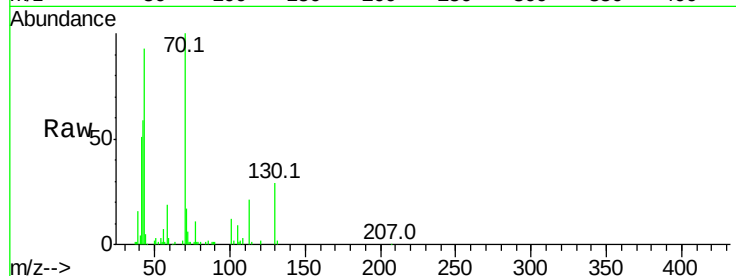
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 37.886 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

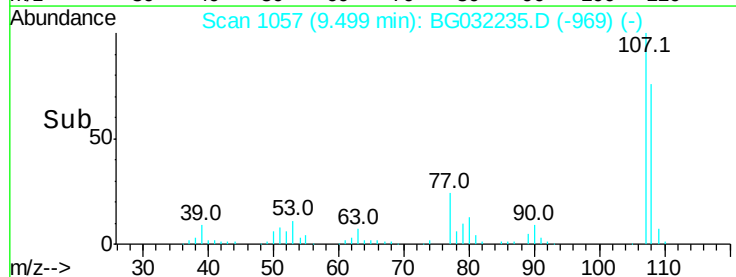
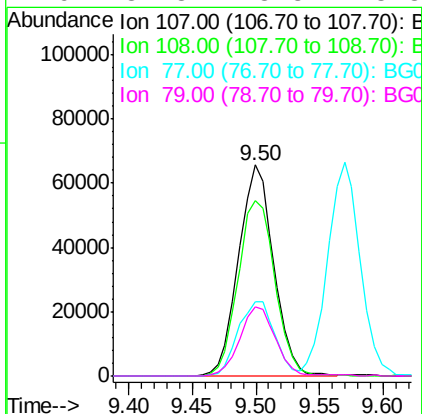
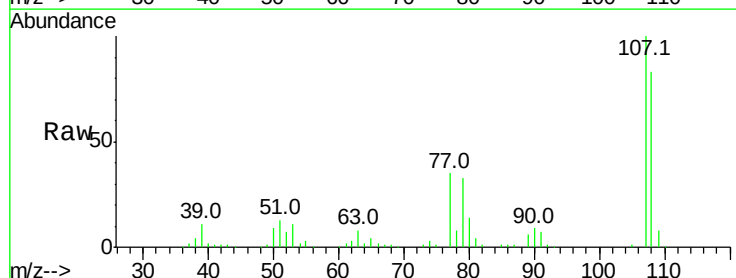
Instrument :
BNA_G
ClientSampleId :
PB105889BS

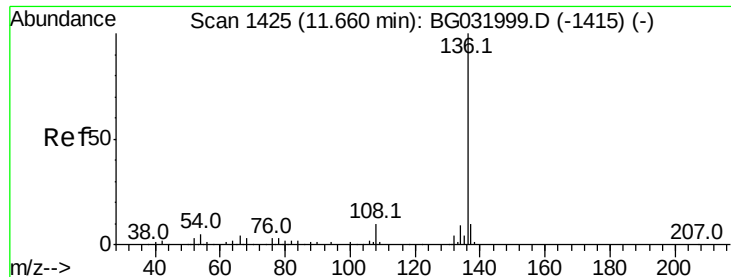
Tot Ion: 70 Resp: 70865
Ion Ratio Lower Upper
70 100
42 59.5 49.1 73.7
101 12.1 8.5 12.7
130 29.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 40.210 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion: 107 Resp: 126423
Ion Ratio Lower Upper
107 100
108 83.1 61.6 101.6
77 35.4 13.9 53.9
79 32.8 8.8 48.8

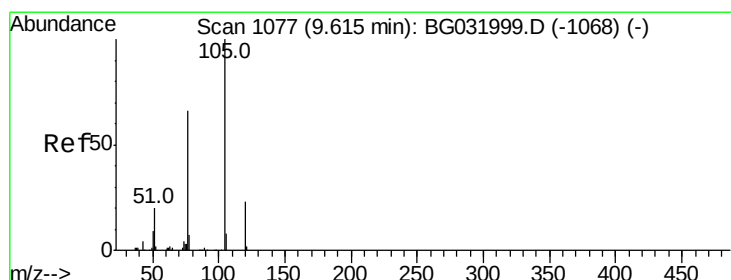
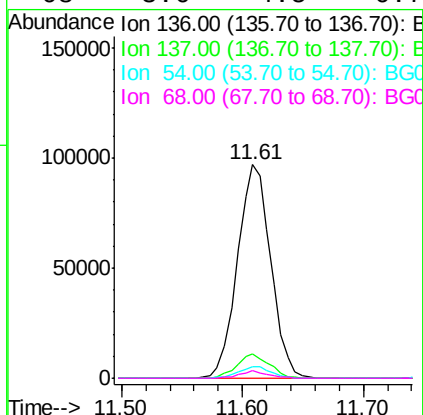
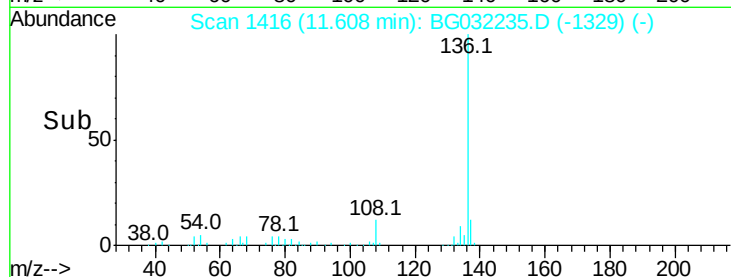
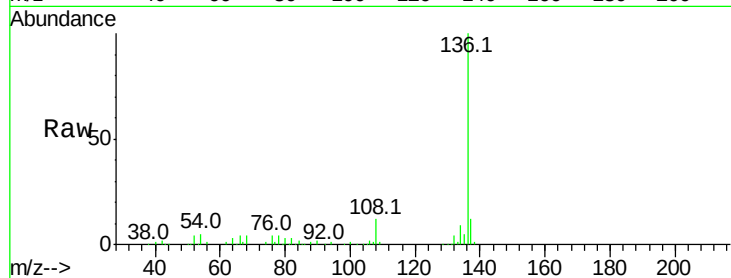




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

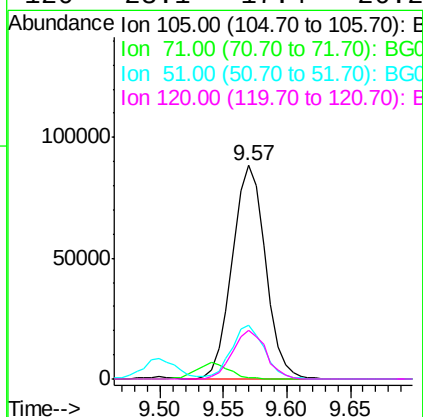
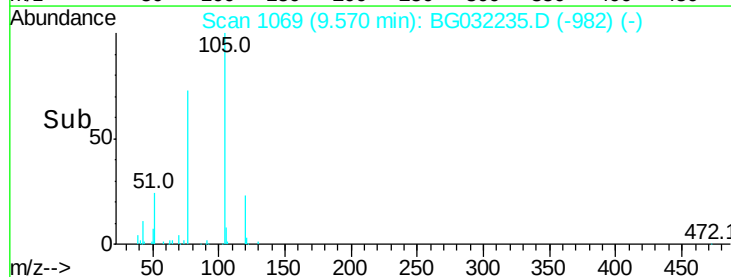
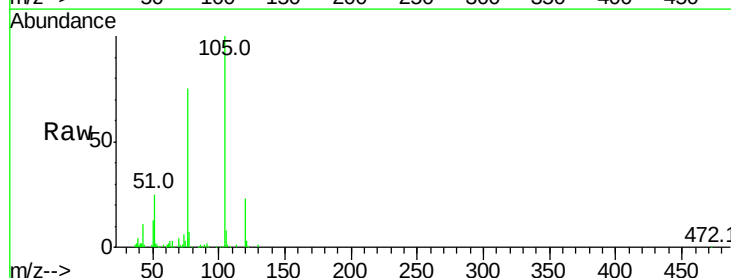
Instrument :
BNA_G
ClientSampleId :
PB105889BS

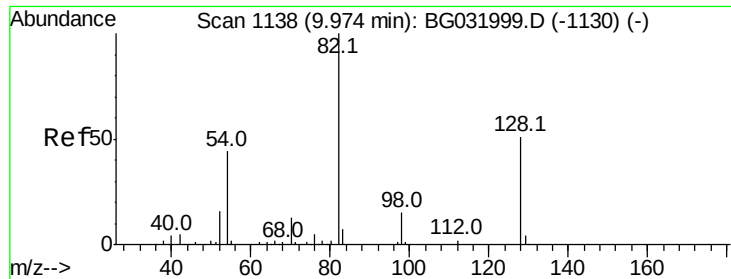
Tot Ion:136	Resp:	186009
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.2 13.8
54	5.2	10.3 15.5#
68	3.6	4.5 6.7#



#22
Acetophenone
Concen: 37.901 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:105	Resp:	160137
Ion Ratio	Lower	Upper
105	100	
71	0.5	3.0 4.4#
51	25.2	26.1 39.1#
120	23.1	17.4 26.2

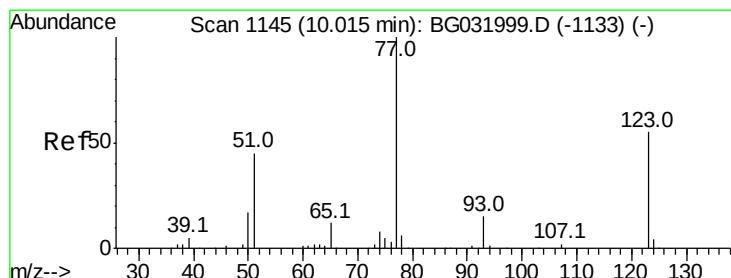
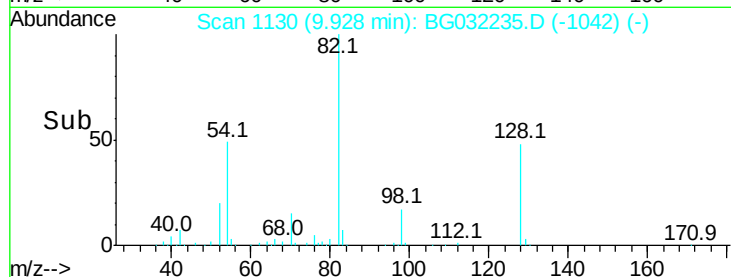
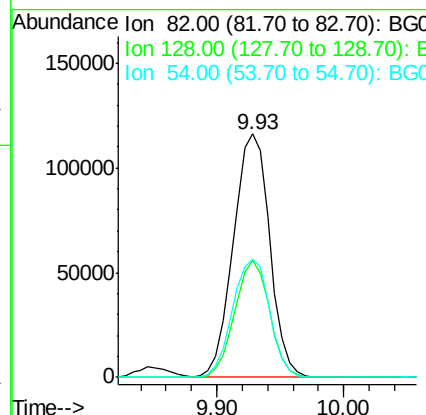
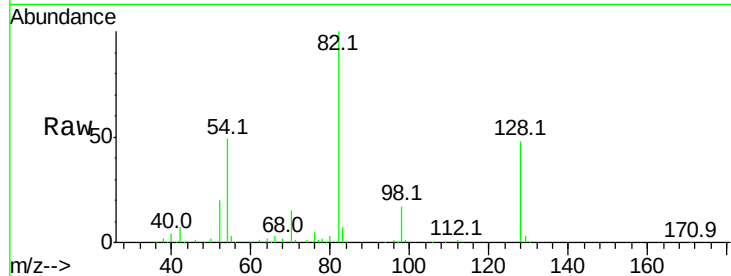




#23
 Nitrobenzene-d5
 Concen: 83.803 ng
 RT: 9.93 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

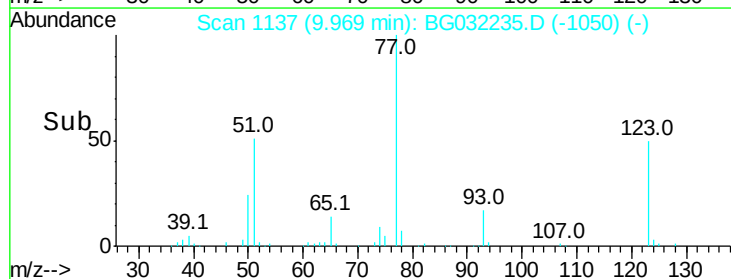
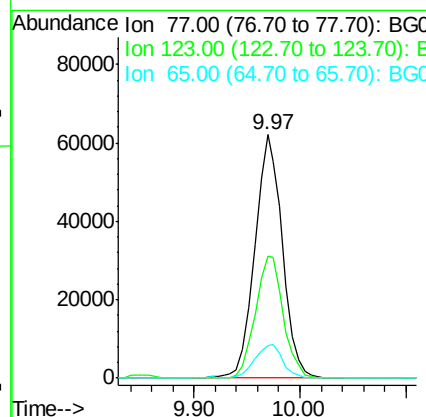
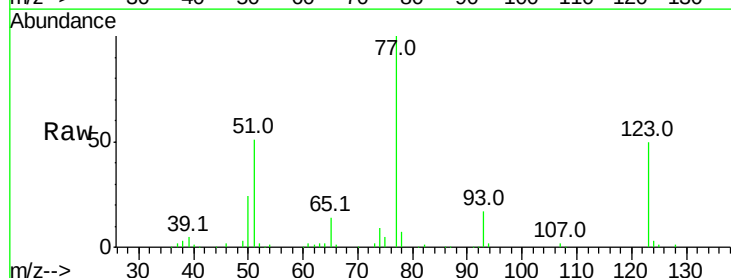
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

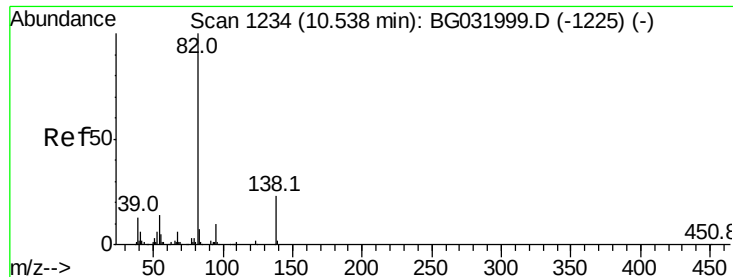
Tot Ion: 82 Resp: 230409
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 48.6 43.1 64.7



#24
 Nitrobenzene
 Concen: 40.912 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion: 77 Resp: 112200
 Ion Ratio Lower Upper
 77 100
 123 50.3 33.0 49.6#
 65 13.5 13.0 19.6





#25

Isophorone

Concen: 39.588 ng

RT: 10.49 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

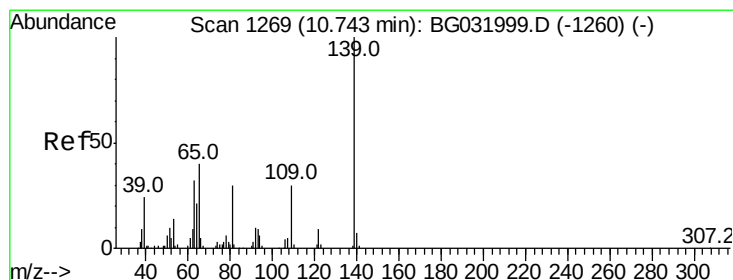
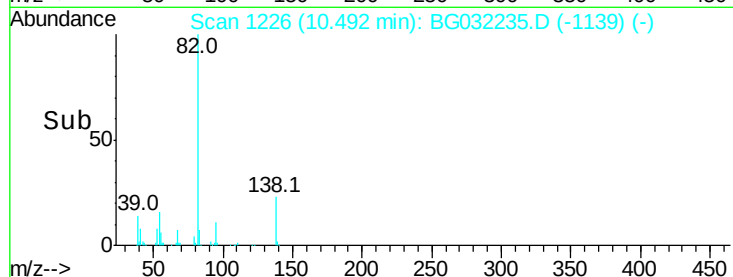
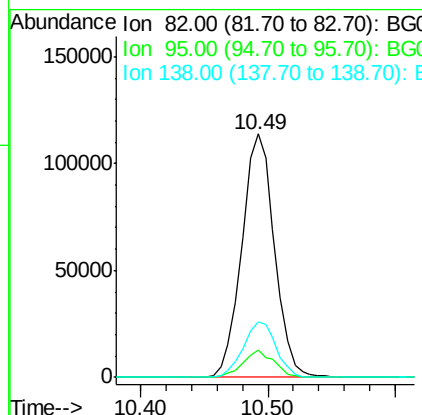
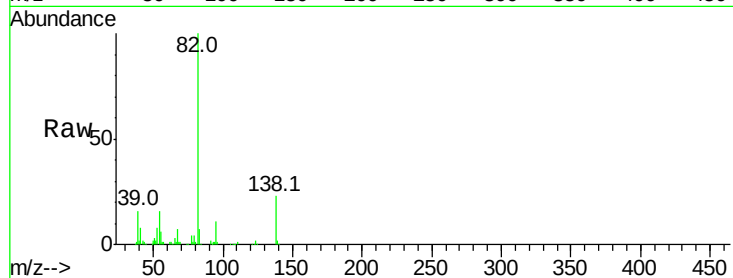
Tot Ion: 82 Resp: 202670

Ion Ratio Lower Upper

82 100

95 11.1 6.2 9.2#

138 22.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 43.380 ng

RT: 10.70 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

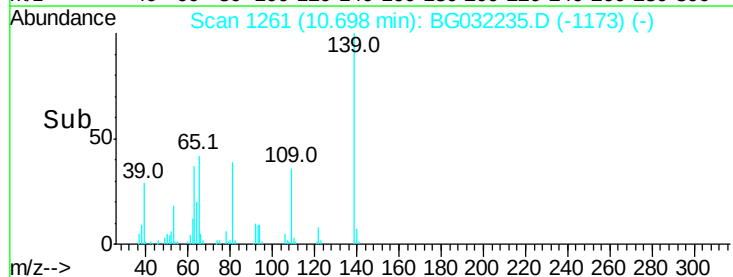
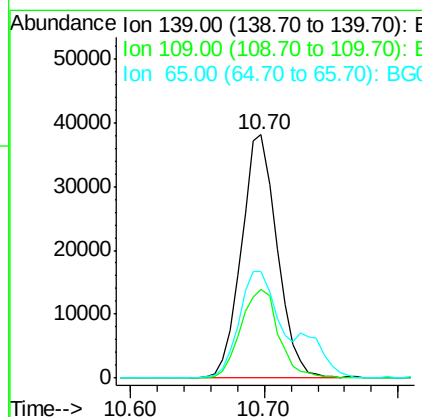
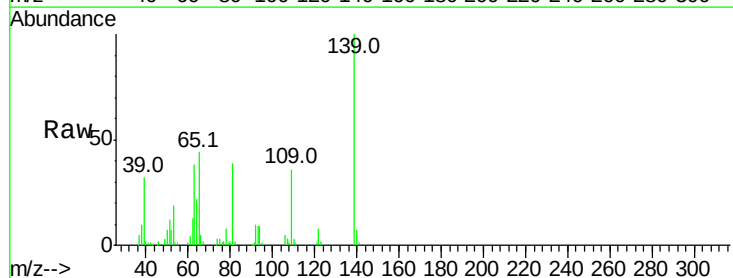
Tgt Ion: 139 Resp: 70492

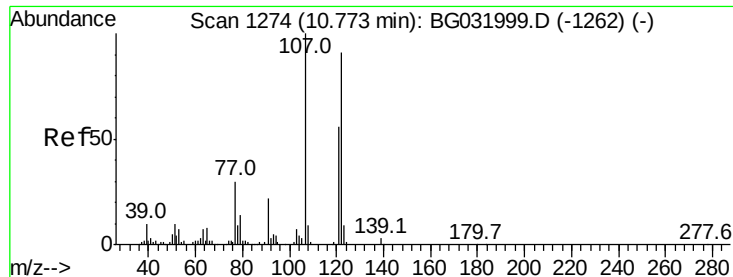
Ion Ratio Lower Upper

139 100

109 36.4 24.2 36.2#

65 43.8 47.4 71.0#

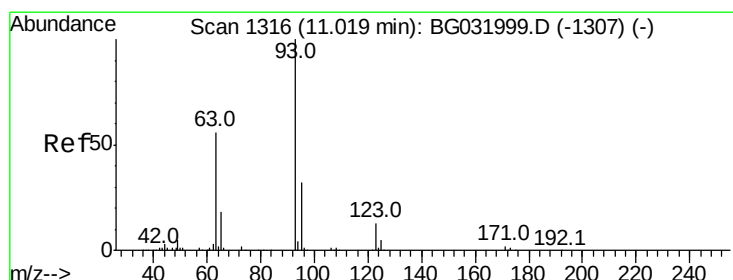
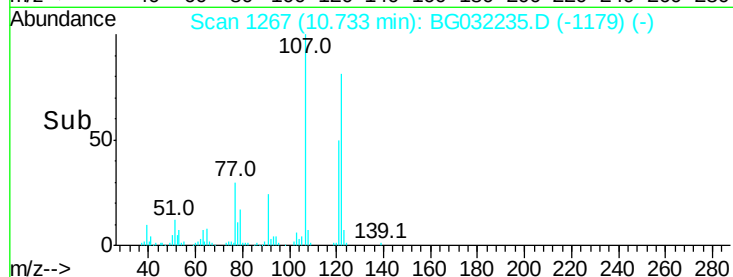
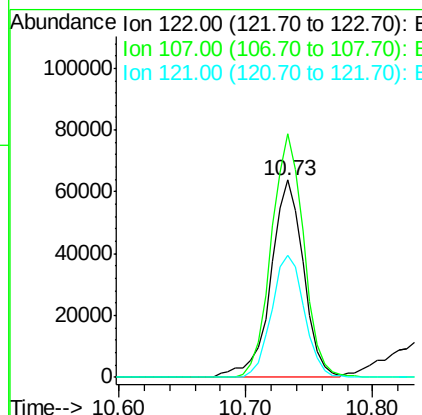
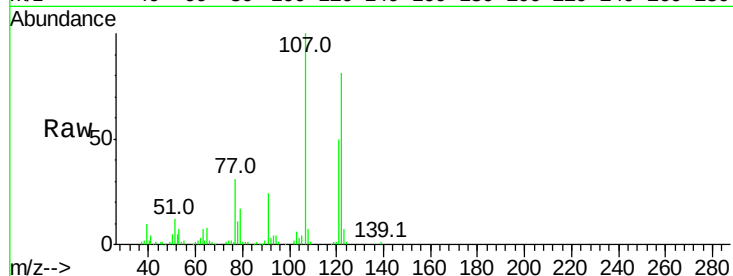




#27
2,4-Dimethylphenol
Concen: 44.469 ng
RT: 10.73 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

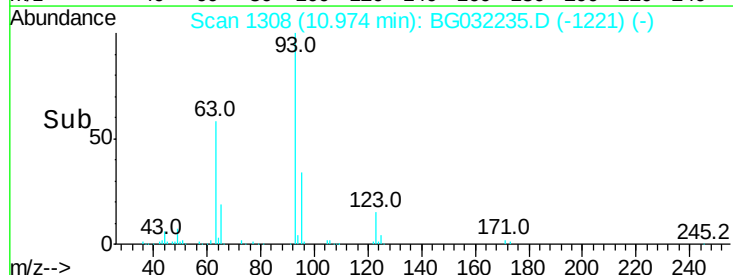
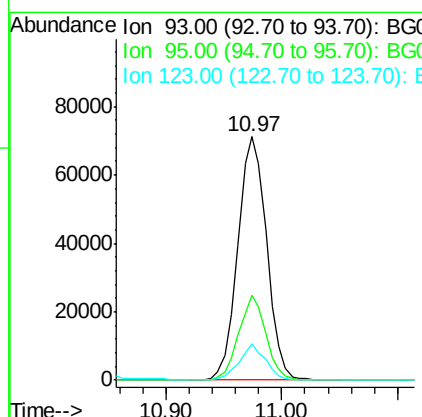
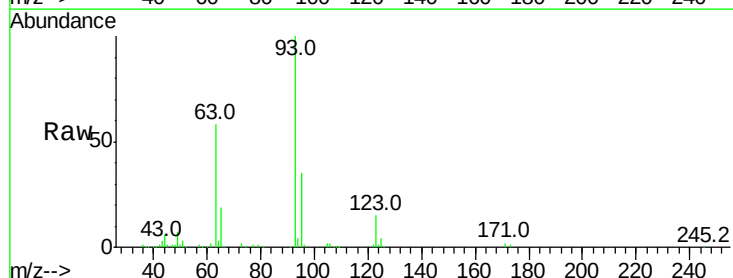
Instrument :
BNA_G
ClientSampleId :
PB105889BS

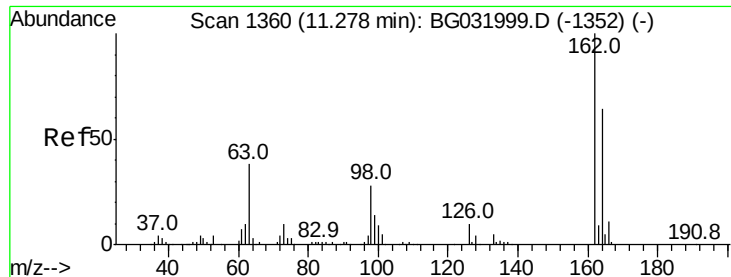
Tot Ion:122 Resp: 114673
Ion Ratio Lower Upper
122 100
107 123.4 100.2 150.2
121 62.0 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.811 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion: 93 Resp: 122795
Ion Ratio Lower Upper
93 100
95 34.8 24.3 36.5
123 15.0 8.4 12.6#

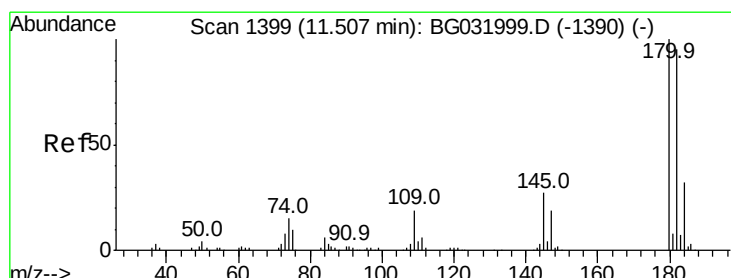
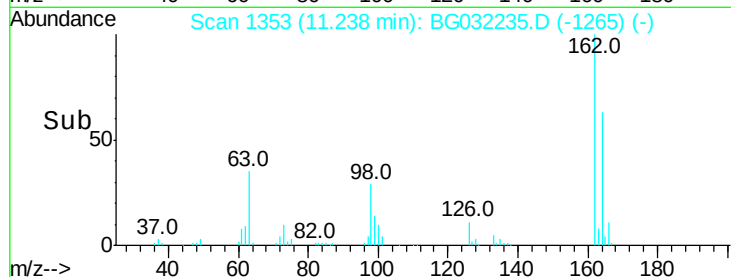
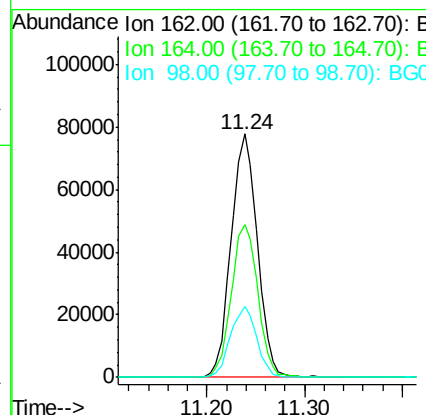
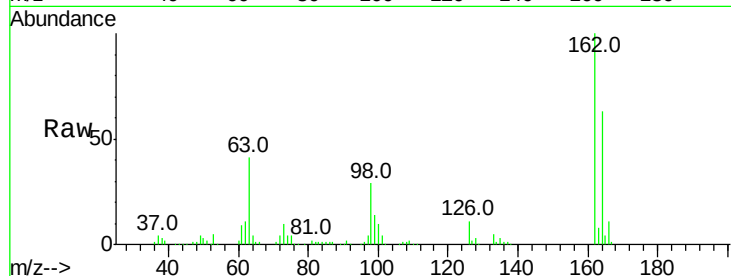




#29
 2,4-Dichlorophenol
 Concen: 45.801 ng
 RT: 11.24 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

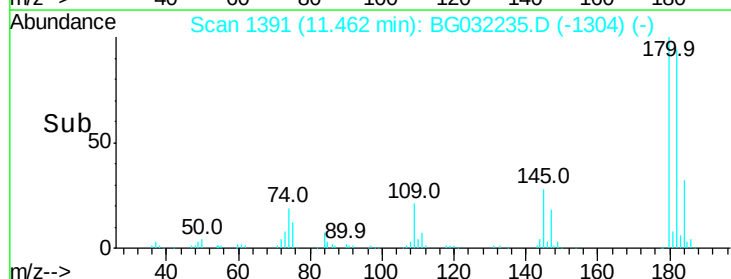
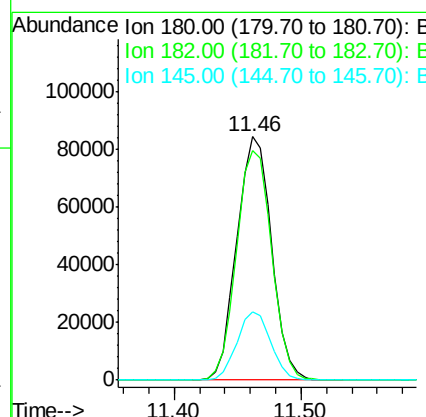
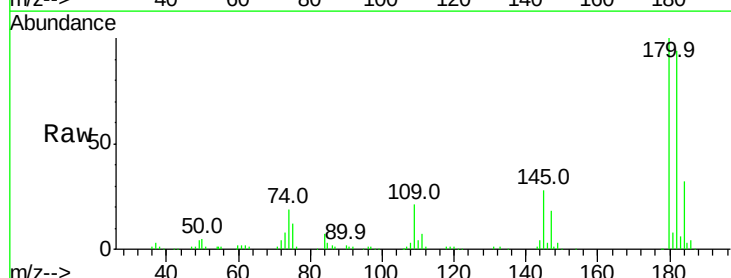
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

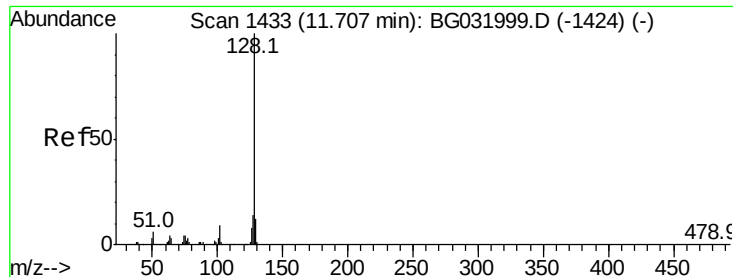
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	48.0	88.0
98	29.2	21.1	61.1



#30
 1,2,4-Trichlorobenzene
 Concen: 38.975 ng
 RT: 11.46 min Scan# 1391
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.5	116.3
145	27.8	23.4	35.2

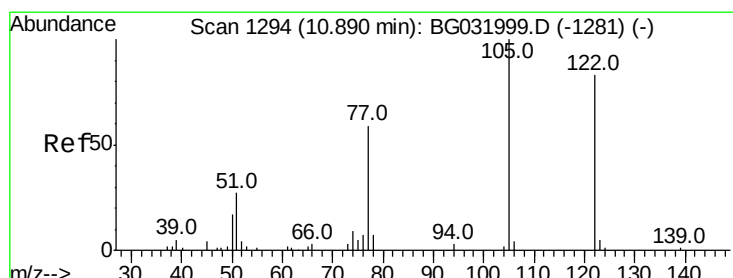
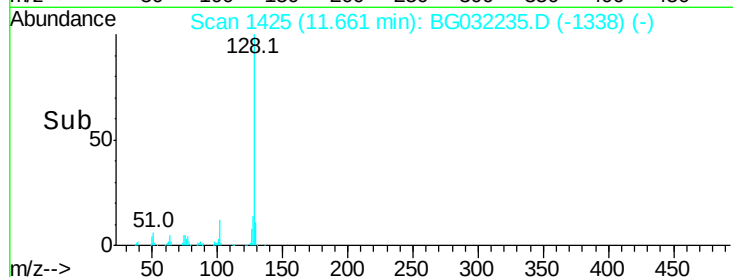
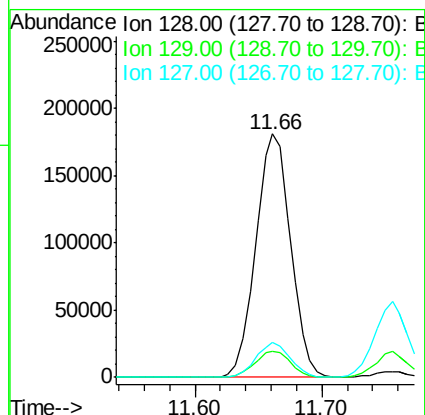
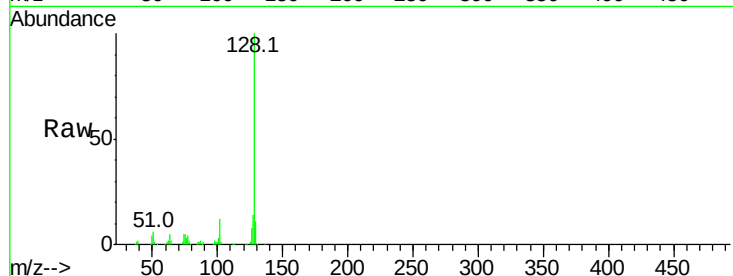




#31
Naphthalene
Concen: 37.477 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

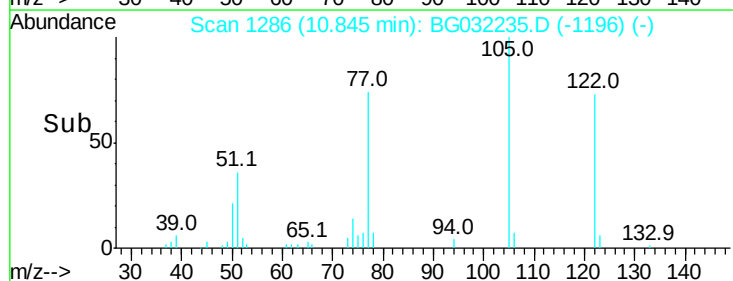
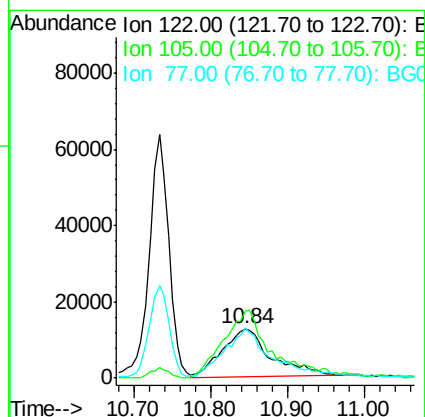
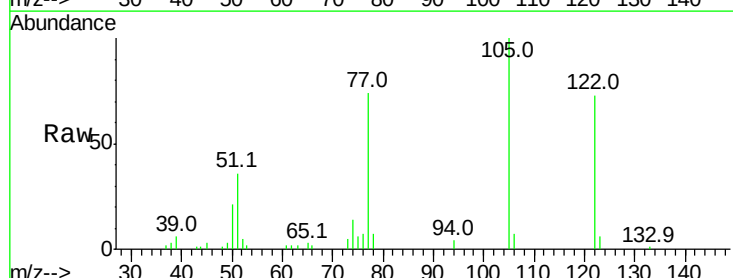
Instrument :
BNA_G
ClientSampleId :
PB105889BS

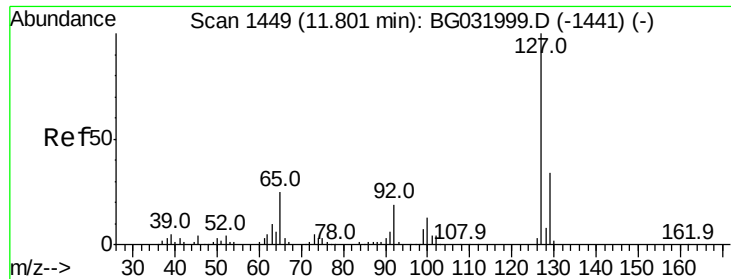
Tot Ion:	128	Resp:	345329
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.6	12.8
127	14.4	11.6	17.4



#32
Benzoic acid
Concen: 28.991 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.00 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:	122	Resp:	55136
Ion	Ratio	Lower	Upper
122	100		
105	136.6	123.5	163.5
77	101.4	85.7	125.7

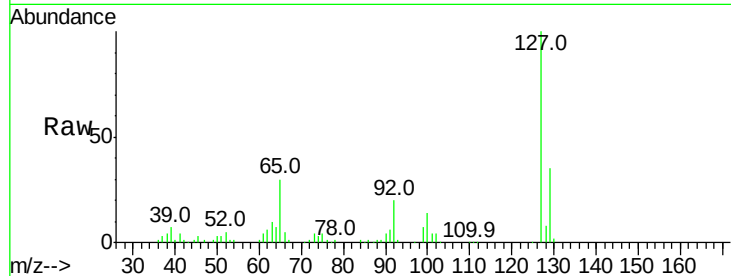




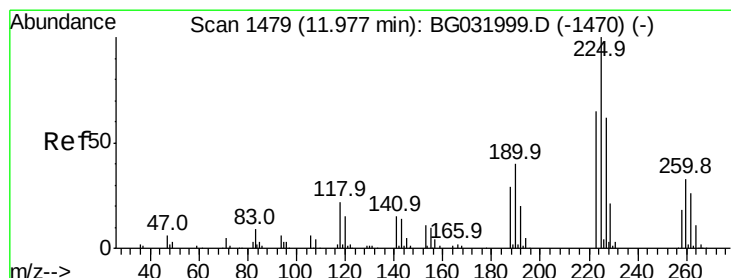
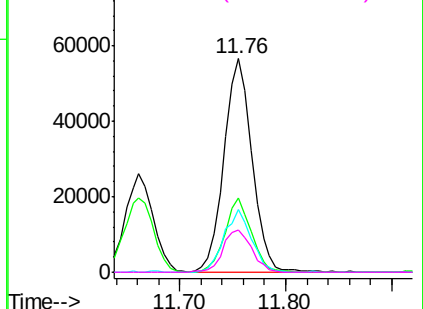
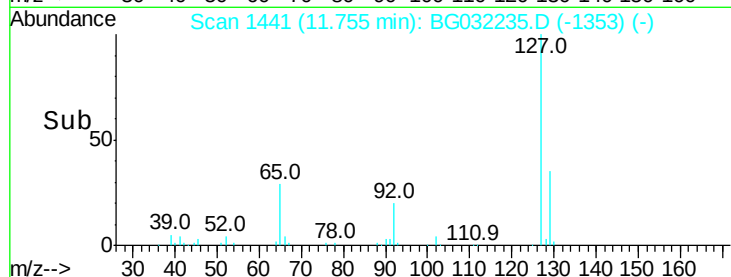
#33
4-Chloroaniline
Concen: 26.366 ng
RT: 11.76 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Instrument :
BNA_G
ClientSampleId :
PB105889BS

Tot Ion:	127	Resp:	104183
Ion	Ratio	Lower	Upper
127	100		
129	34.7	24.0	36.0
65	29.6	27.0	40.4
92	19.7	16.6	25.0

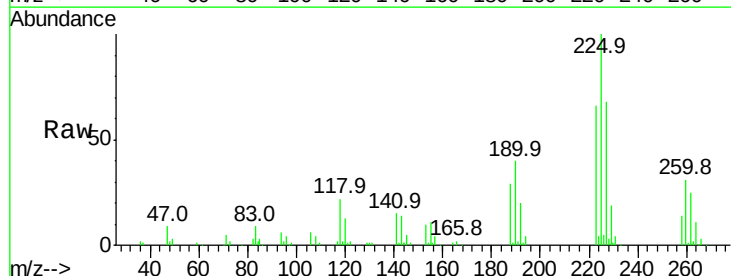


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

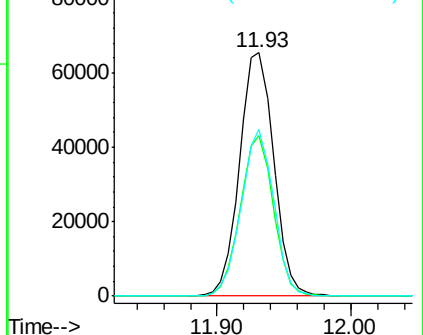
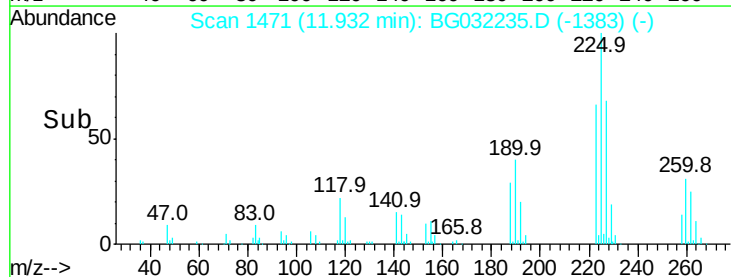


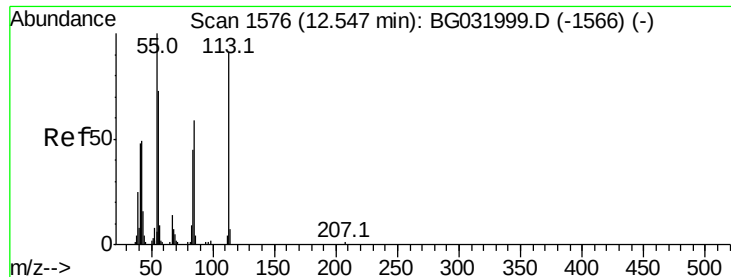
#34
Hexachlorobutadiene
Concen: 39.372 ng
RT: 11.93 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:	225	Resp:	115882
Ion	Ratio	Lower	Upper
225	100		
223	66.1	49.7	74.5
227	68.3	48.1	72.1



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





#35

Caprolactam

Concen: 40.078 ng

RT: 12.51 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

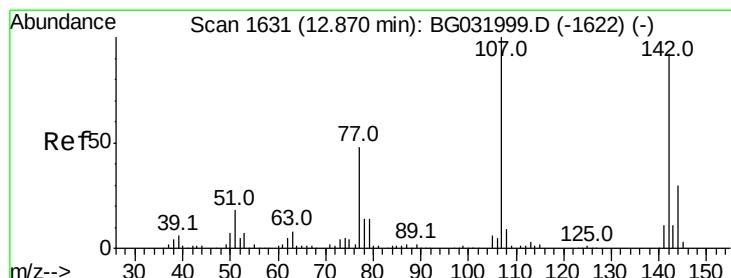
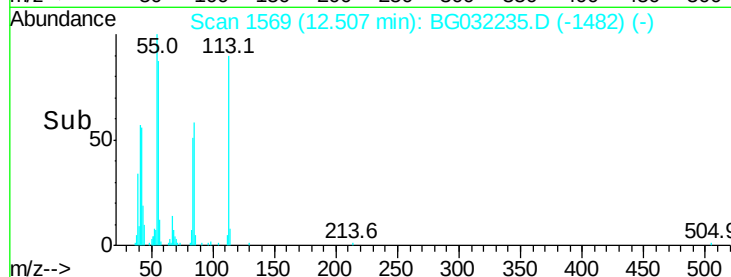
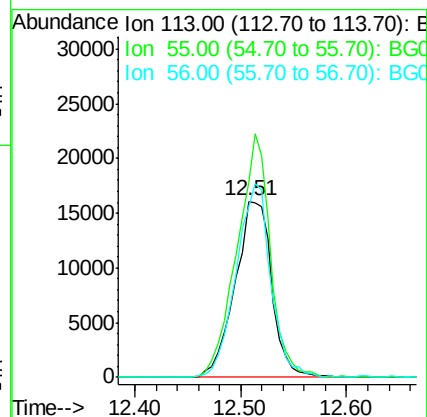
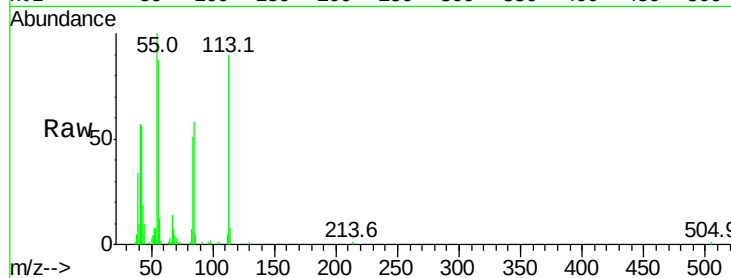
Tot Ion:113 Resp: 38580

Ion Ratio Lower Upper

113 100

55 111.1 186.9 226.9#

56 96.8 130.9 170.9#



#36

4-Chloro-3-methylphenol

Concen: 44.416 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

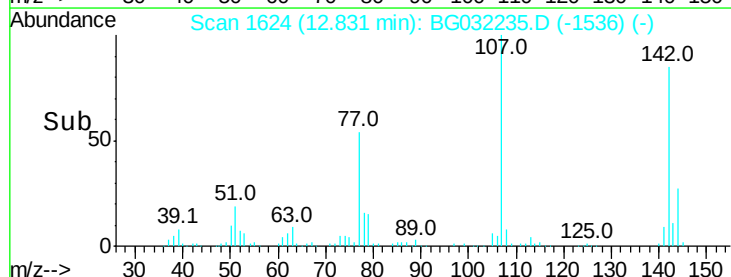
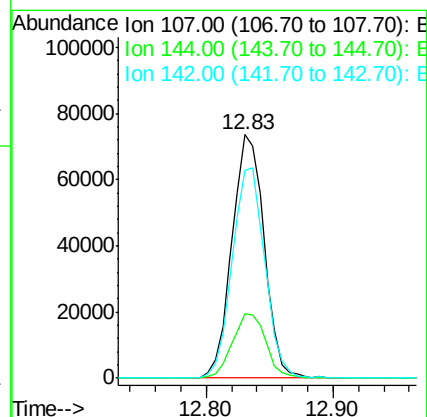
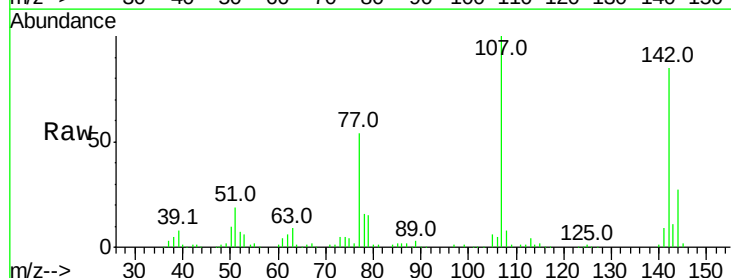
Tgt Ion:107 Resp: 128998

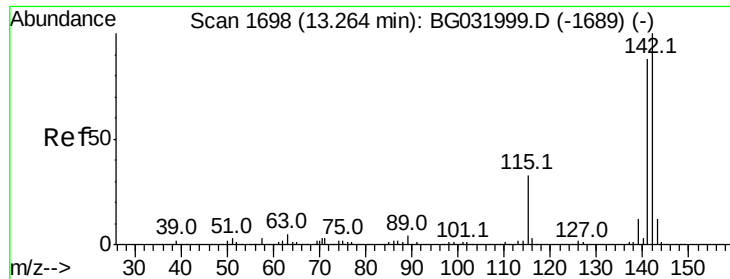
Ion Ratio Lower Upper

107 100

144 26.7 18.2 27.4

142 85.4 59.0 88.4

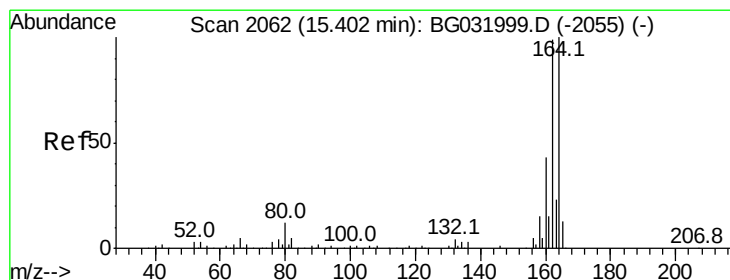
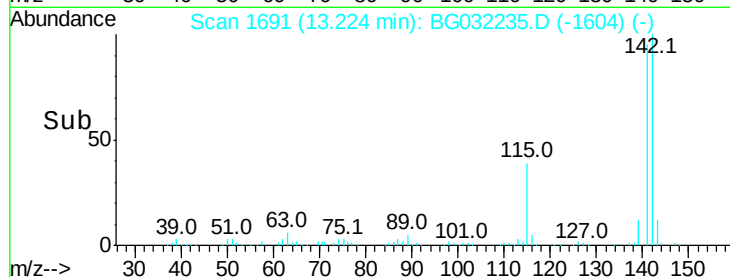
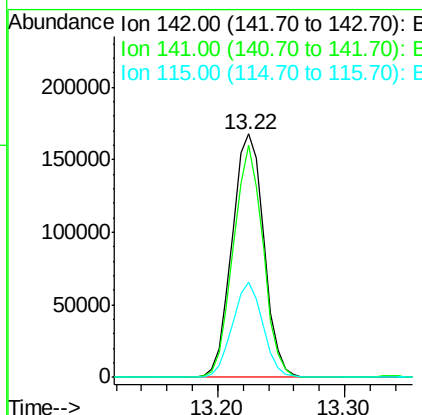
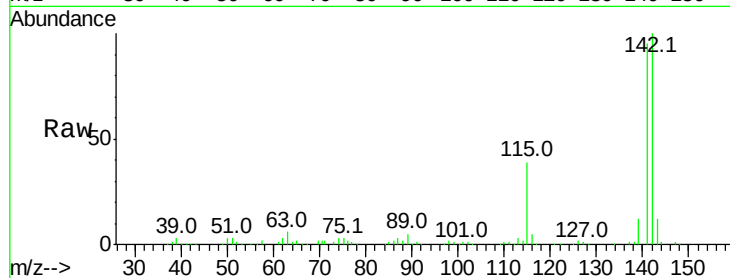




#37
 2-Methylnaphthalene
 Concen: 39.673 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

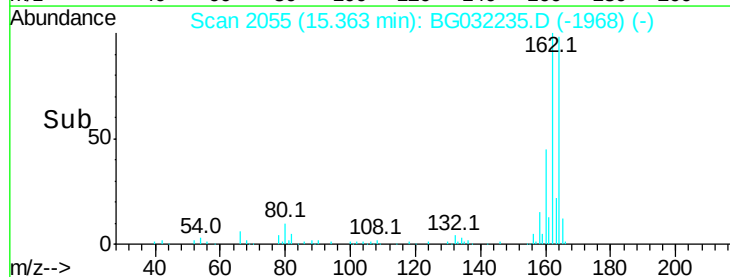
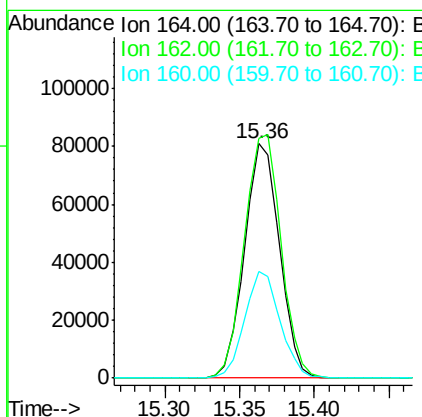
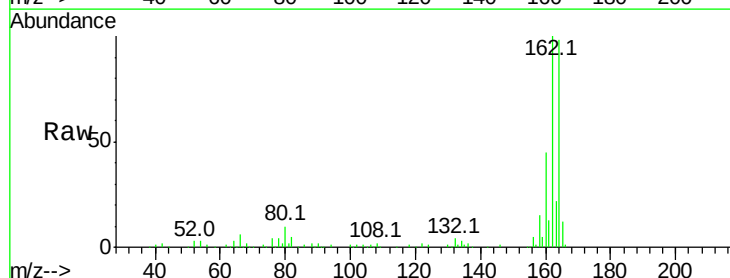
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

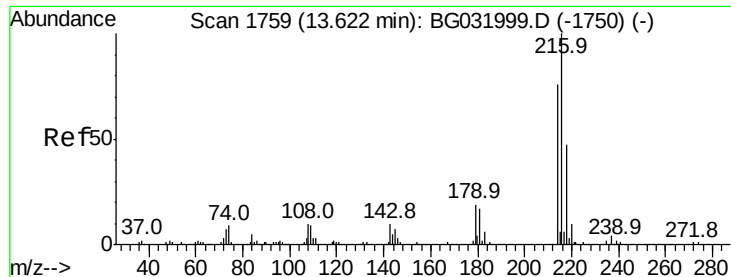
Tot Ion:142 Resp: 290227
 Ion Ratio Lower Upper
 142 100
 141 95.5 67.1 100.7
 115 39.3 30.7 46.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2055
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:164 Resp: 131110
 Ion Ratio Lower Upper
 164 100
 162 102.2 78.8 118.2
 160 45.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.186 ng

RT: 13.58 min Scan# 1752

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

Tot Ion:216 Resp: 223950

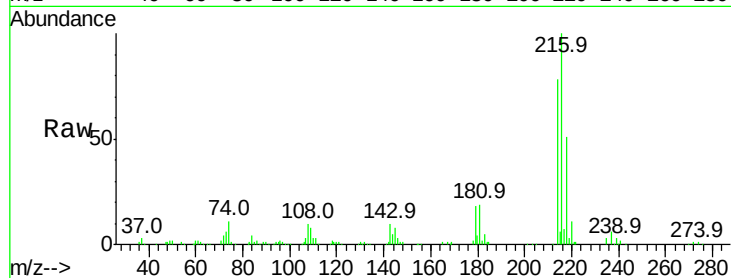
Ion Ratio Lower Upper

216 100

214 77.2 63.0 94.4

179 18.5 17.0 25.6

108 12.8 12.8 19.2

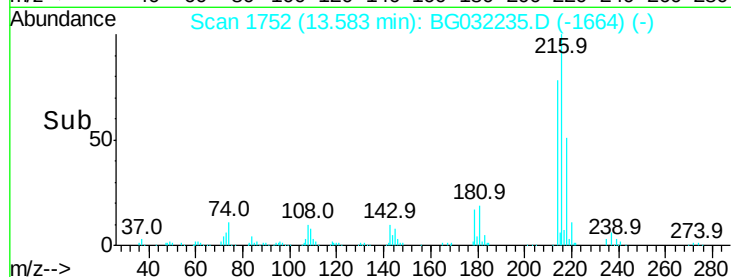


Abundance Ion 216.00 (215.70 to 216.70): E

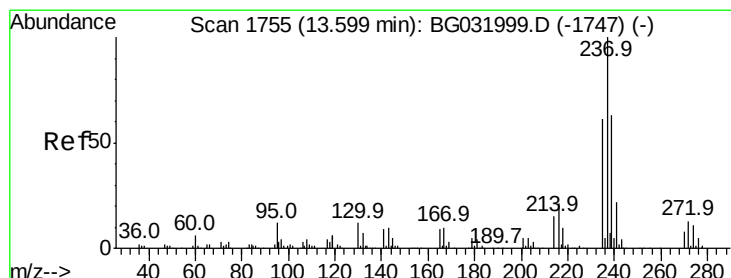
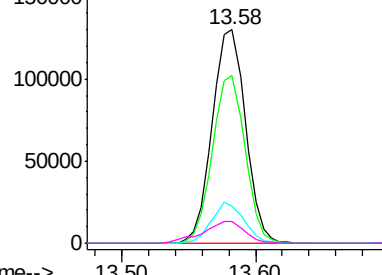
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 86.420 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

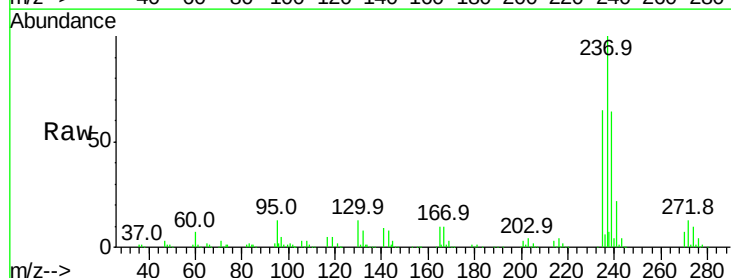
Tgt Ion:237 Resp: 278179

Ion Ratio Lower Upper

237 100

235 65.2 50.4 90.4

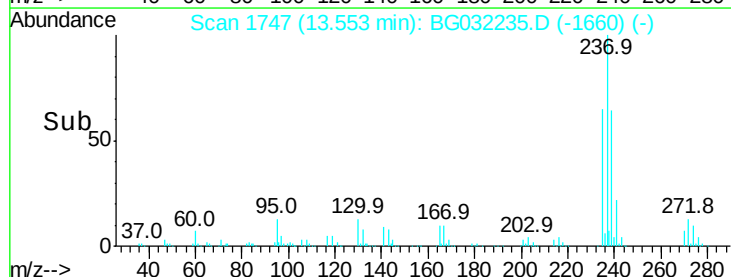
272 13.2 0.0 31.8



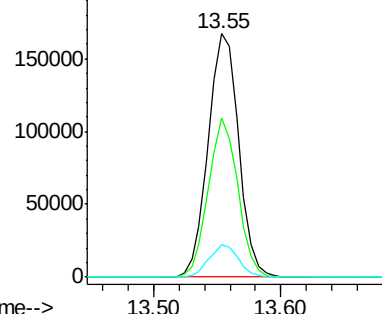
Abundance Ion 236.80 (236.50 to 237.50): E

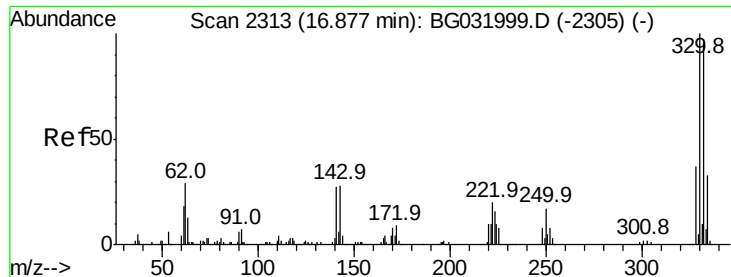
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->

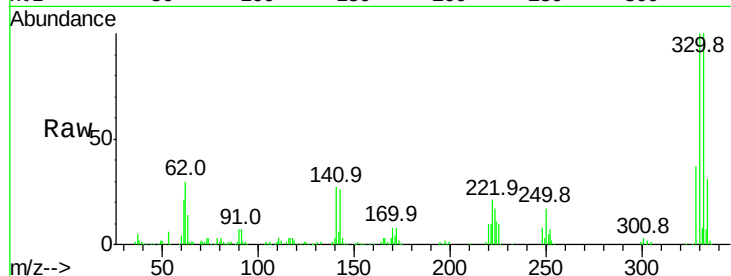




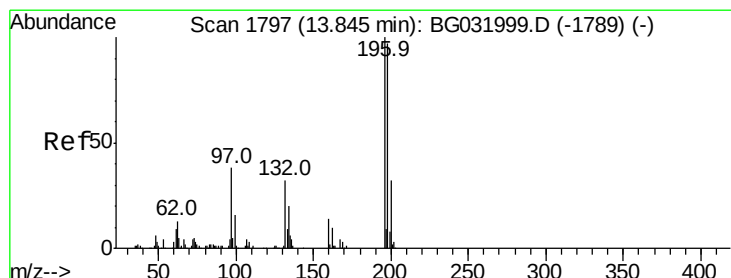
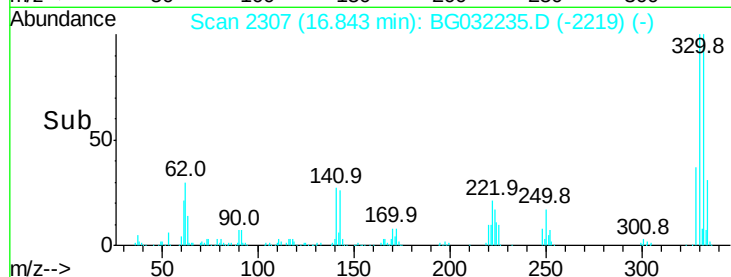
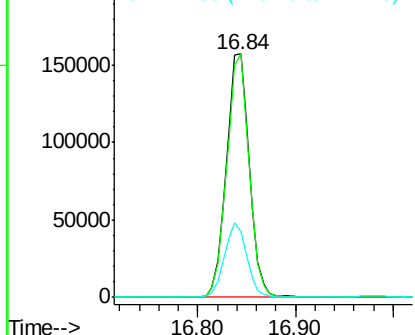
#41
 2,4,6-Tribromophenol
 Concen: 118.348 ng
 RT: 16.84 min Scan# 2307
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	29.8	25.2	37.8

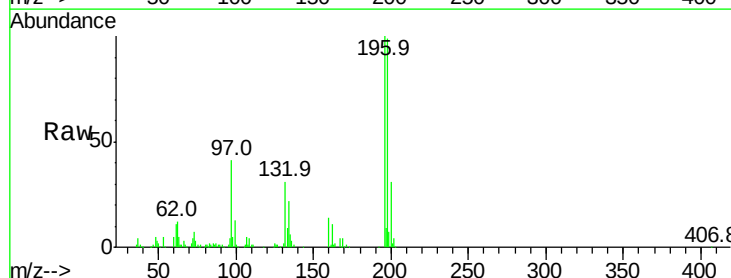


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

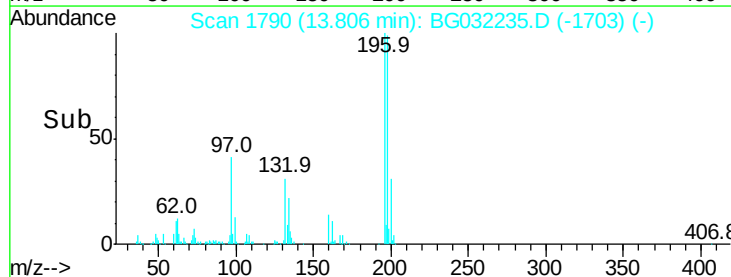
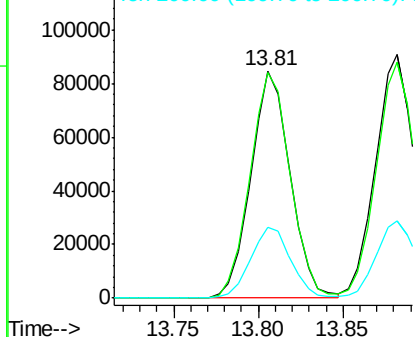


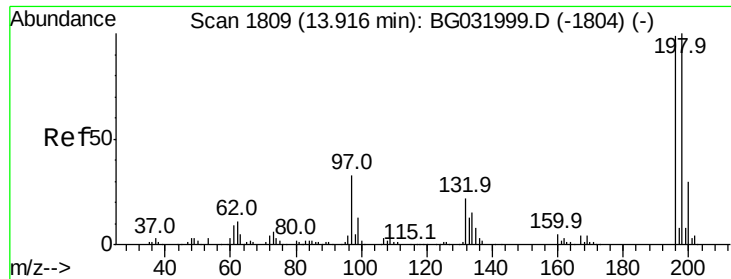
#42
 2,4,6-Trichlorophenol
 Concen: 42.588 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.0	78.2	117.2
200	31.2	24.6	36.8



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

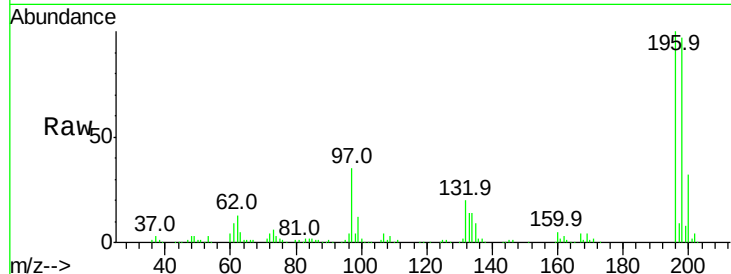




#43
 2,4,5-Trichlorophenol
 Concen: 39.679 ng
 RT: 13.88 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.7	76.2	114.4
97	34.7	38.7	58.1#
132	20.3	20.2	30.2



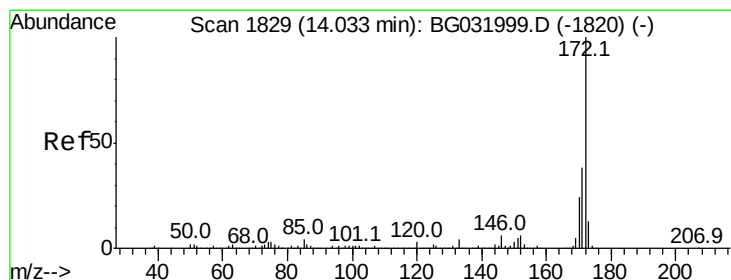
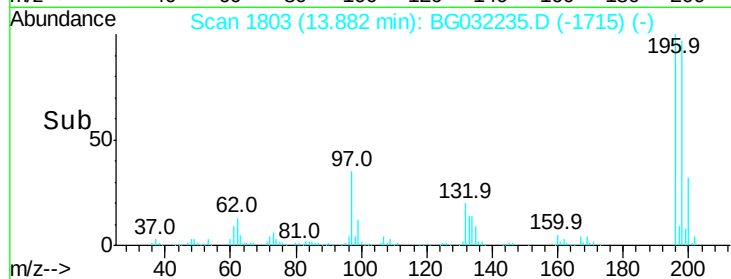
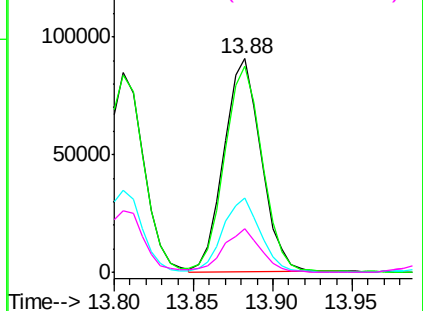
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BG

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 77.681 ng
 RT: 13.99 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

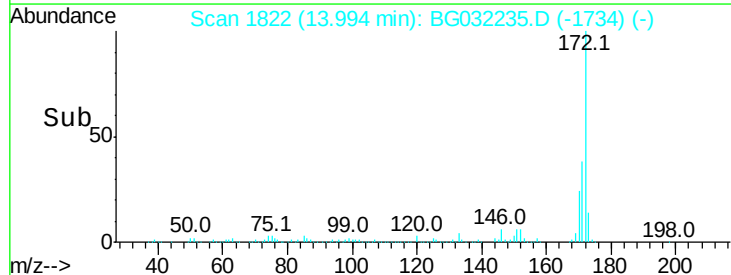
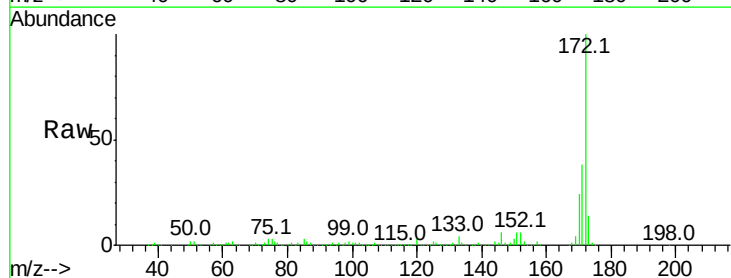
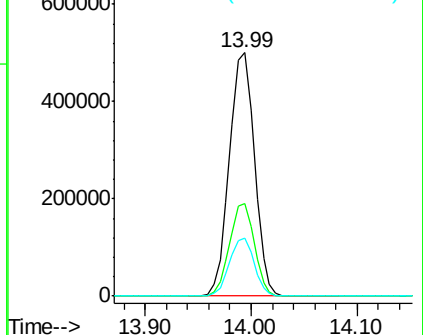
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.6	19.5	29.3

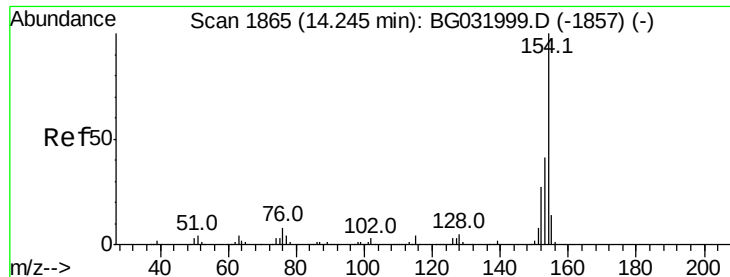
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 37.112 ng

RT: 14.21 min Scan# 1858

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

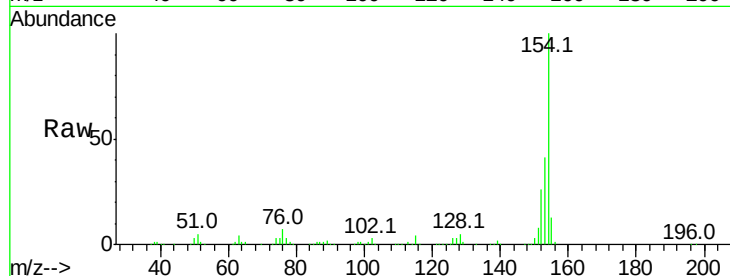
Tot Ion:154 Resp: 417132

Ion Ratio Lower Upper

154 100

153 40.6 19.8 59.8

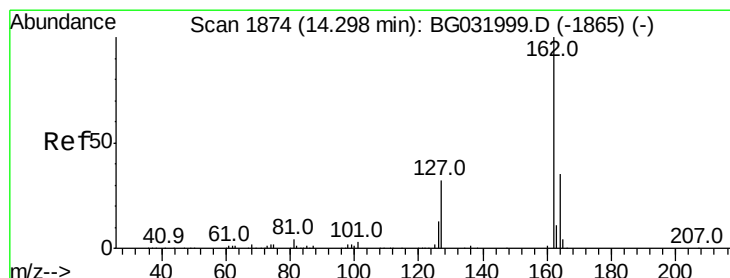
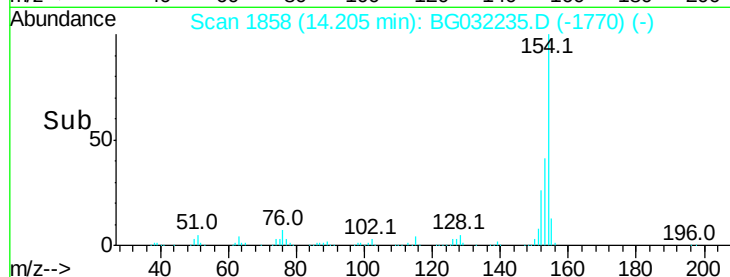
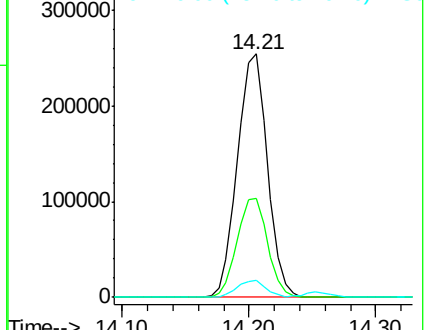
76 7.2 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 37.436 ng

RT: 14.26 min Scan# 1867

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

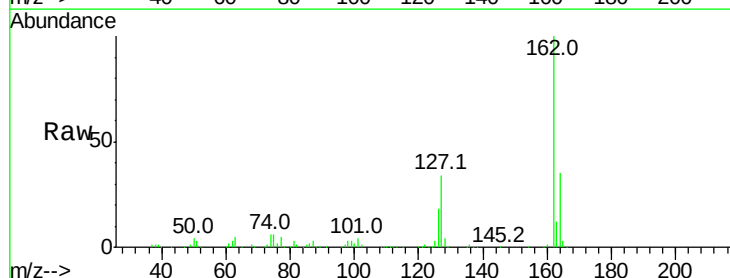
Tgt Ion:162 Resp: 327334

Ion Ratio Lower Upper

162 100

127 34.4 30.7 46.1

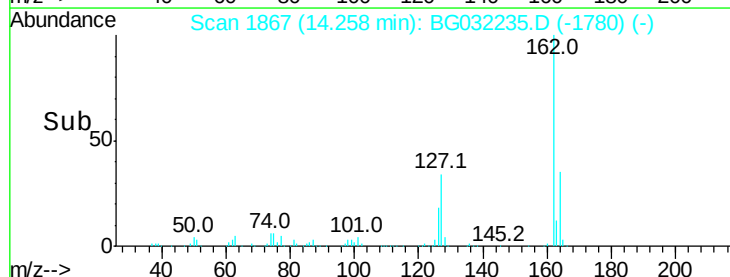
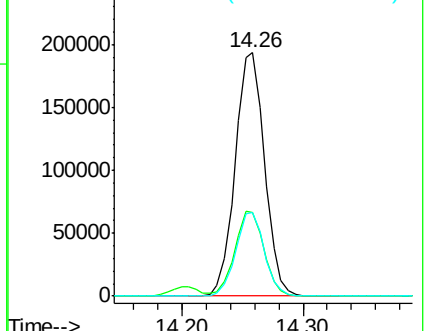
164 34.6 26.0 39.0

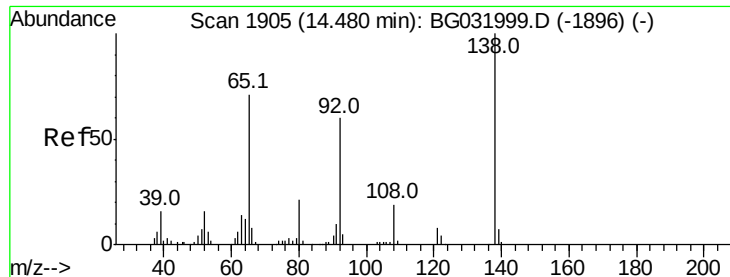


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.041 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

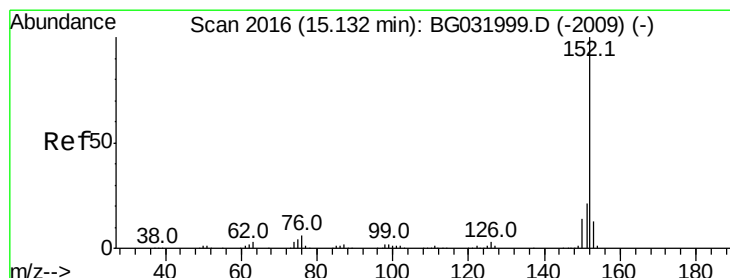
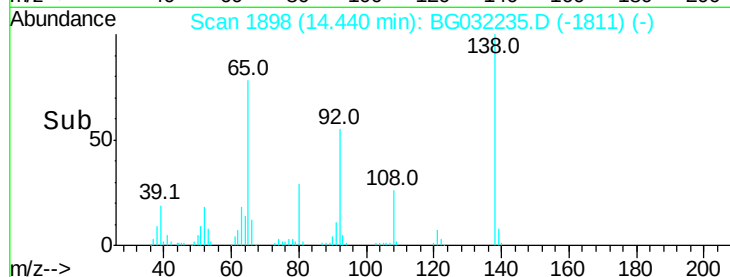
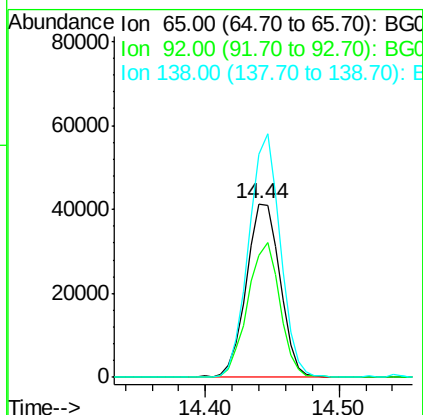
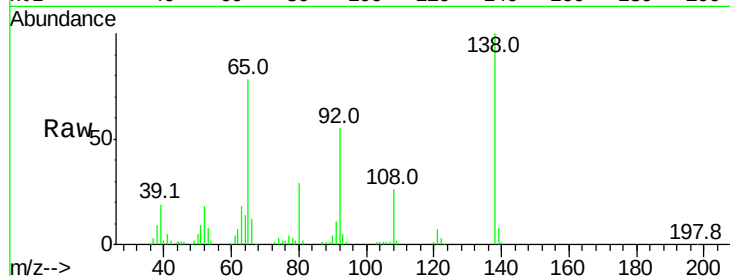
Tot Ion: 65 Resp: 72047

Ion Ratio Lower Upper

65 100

92 70.6 54.6 82.0

138 128.4 72.9 109.3#



#48

Acenaphthylene

Concen: 35.810 ng

RT: 15.09 min Scan# 2009

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

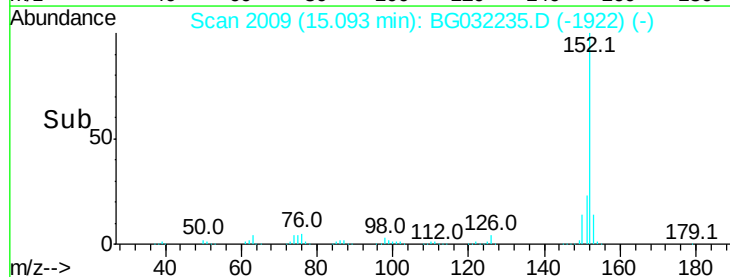
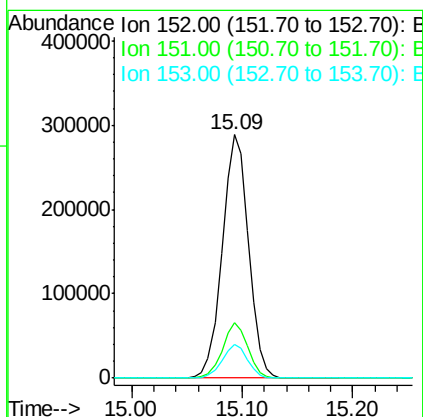
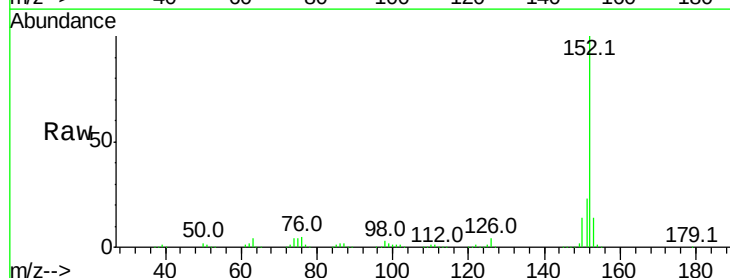
Tgt Ion: 152 Resp: 476815

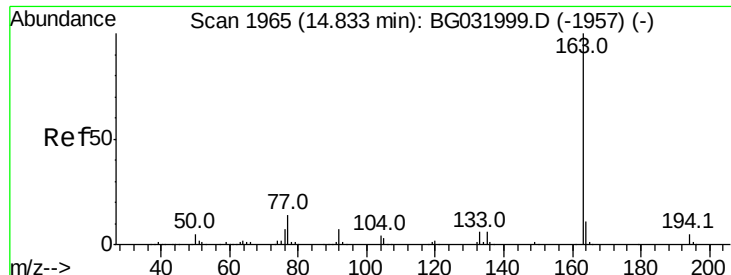
Ion Ratio Lower Upper

152 100

151 22.5 17.2 25.8

153 13.7 10.2 15.4





#49

Dimethylphthalate

Concen: 37.421 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

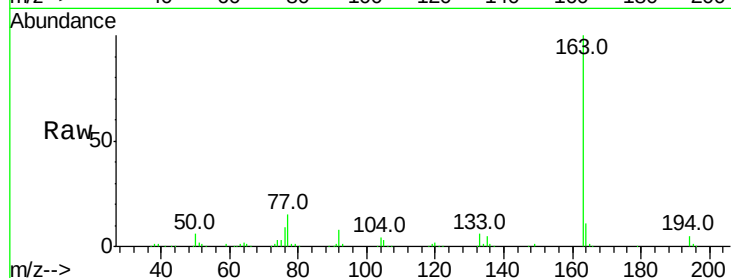
Tot Ion:163 Resp: 429340

Ion Ratio Lower Upper

163 100

194 4.8 3.4 5.2

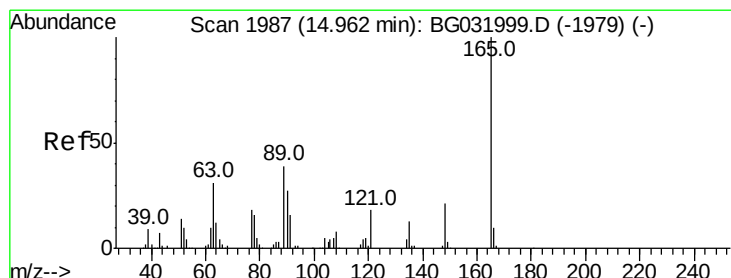
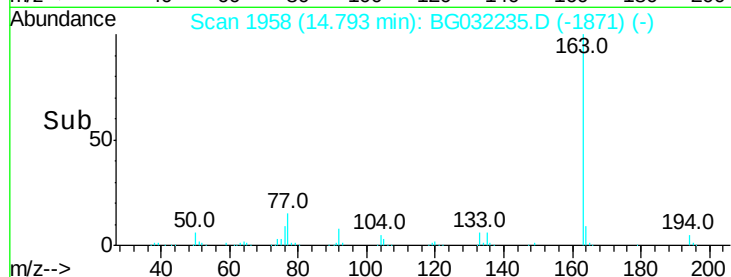
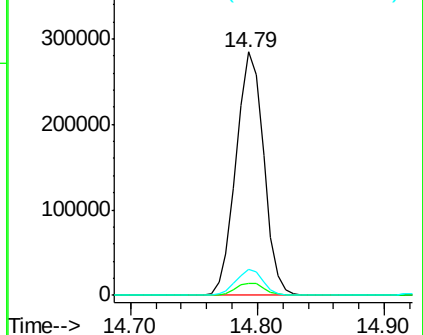
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.171 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

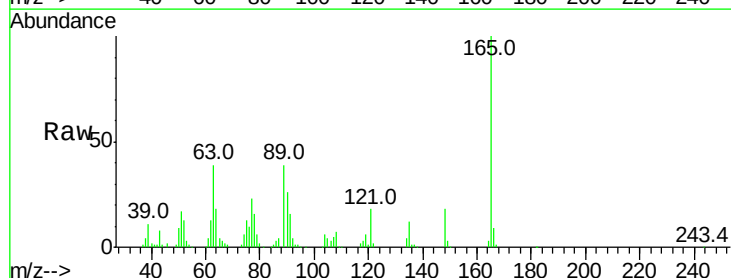
Tgt Ion:165 Resp: 95666

Ion Ratio Lower Upper

165 100

63 38.9 52.7 79.1#

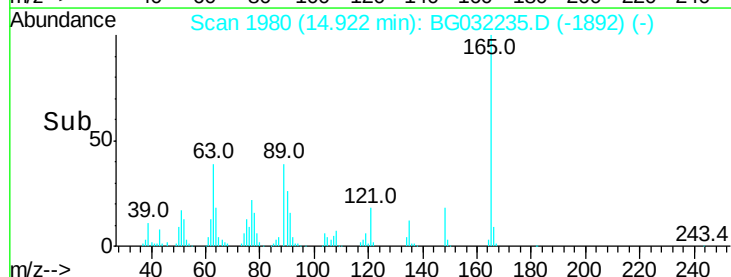
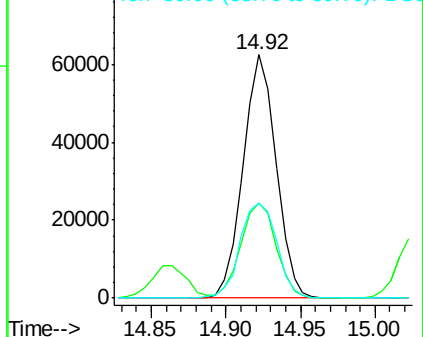
89 39.3 49.2 73.8#

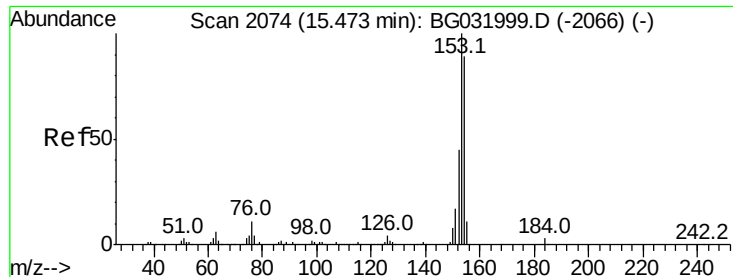


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 38.694 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

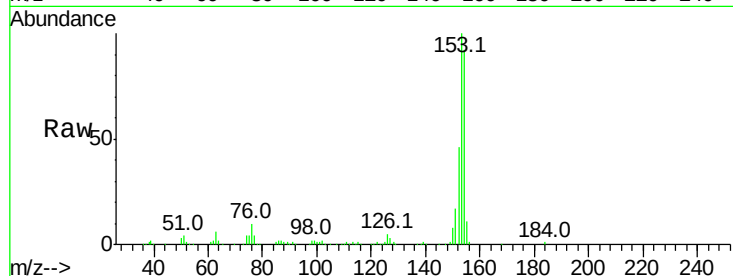
Tot Ion:154 Resp: 340676

Ion Ratio Lower Upper

154 100

153 109.1 90.4 135.6

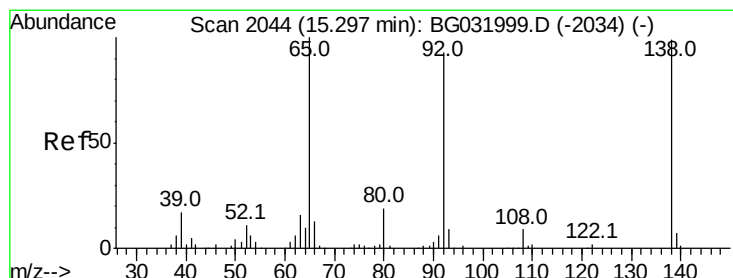
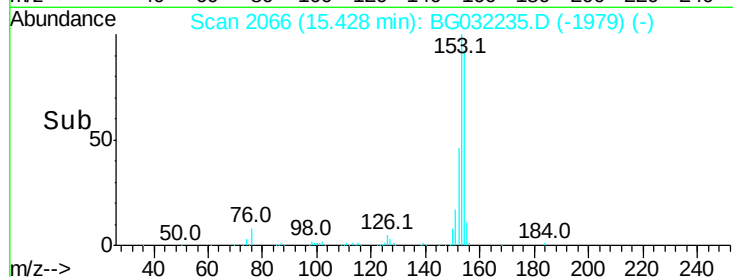
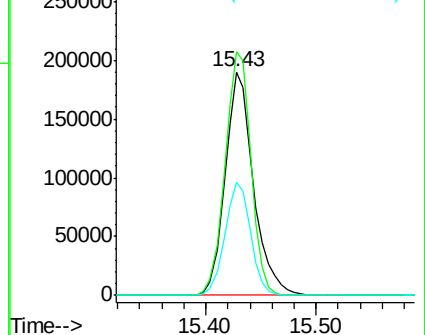
152 50.5 41.6 62.4



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: 29.386 ng

RT: 15.25 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

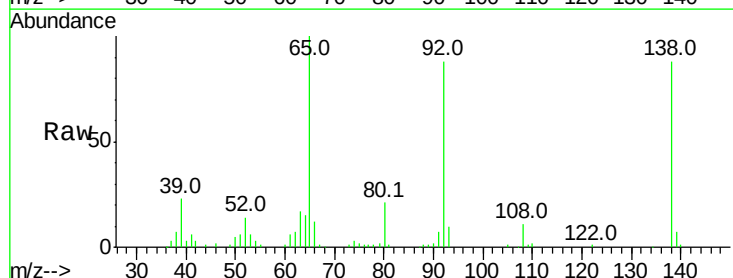
Tgt Ion:138 Resp: 63206

Ion Ratio Lower Upper

138 100

108 12.4 17.5 26.3#

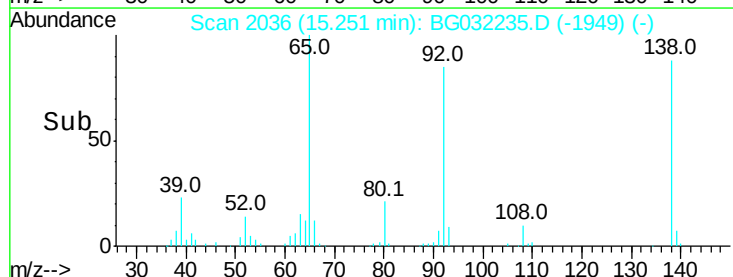
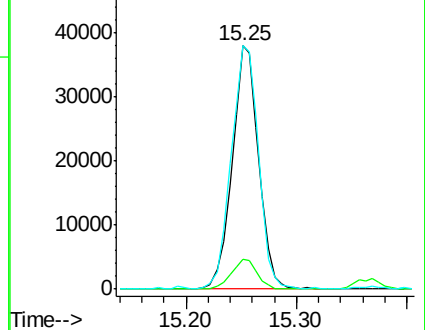
92 100.0 105.8 158.8#

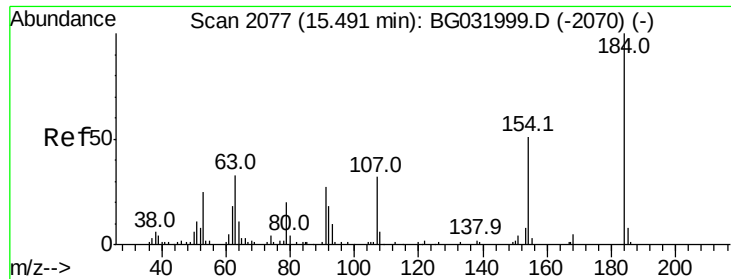


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

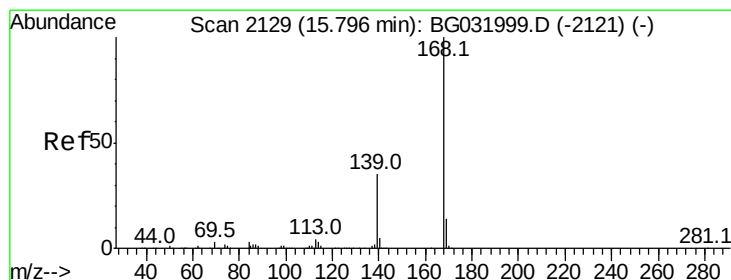
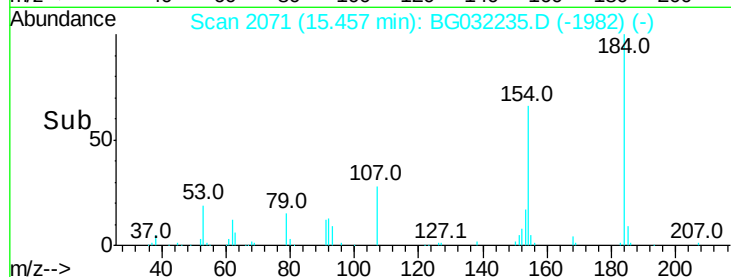
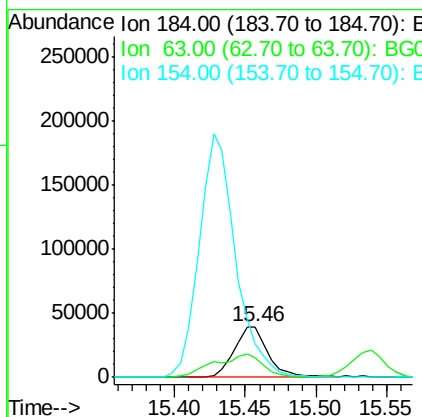
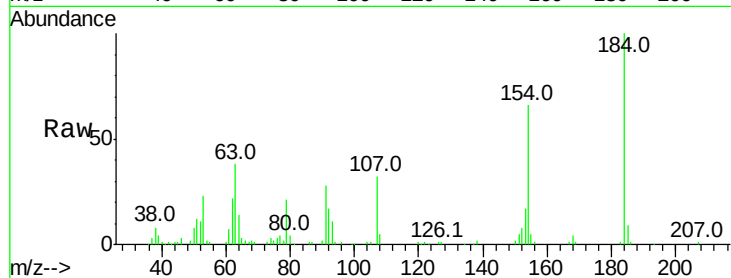




#53
 2,4-Dinitrophenol
 Concen: 57.716 ng
 RT: 15.46 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

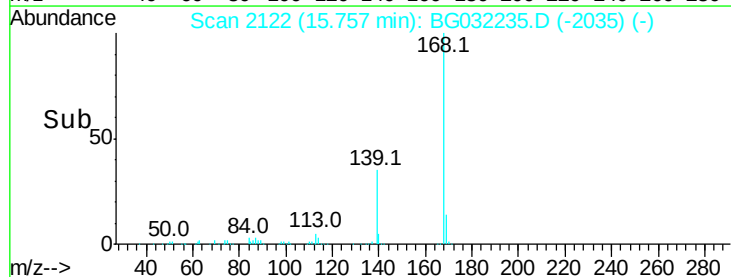
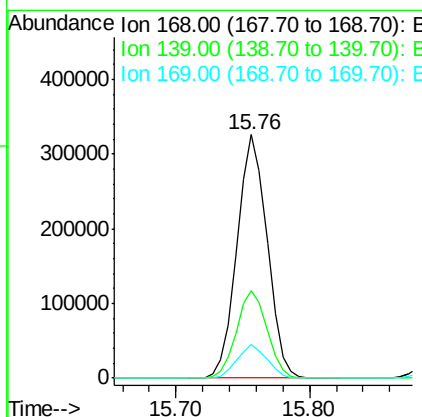
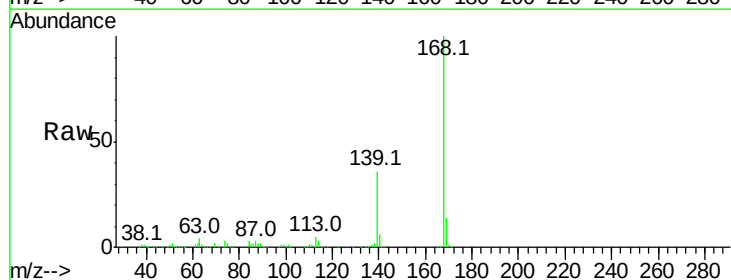
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

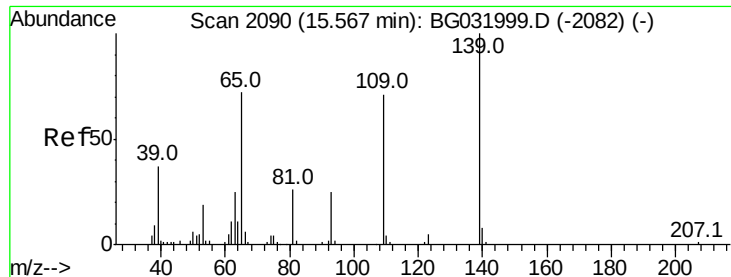
Tot Ion:184 Resp: 66410
 Ion Ratio Lower Upper
 184 100
 63 37.5 59.8 89.8#
 154 66.0 101.8 152.8#



#54
 Dibenzofuran
 Concen: 38.777 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:168 Resp: 509298
 Ion Ratio Lower Upper
 168 100
 139 36.1 28.6 43.0
 169 13.6 11.2 16.8

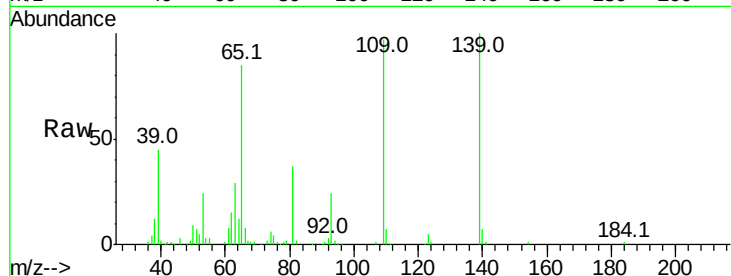




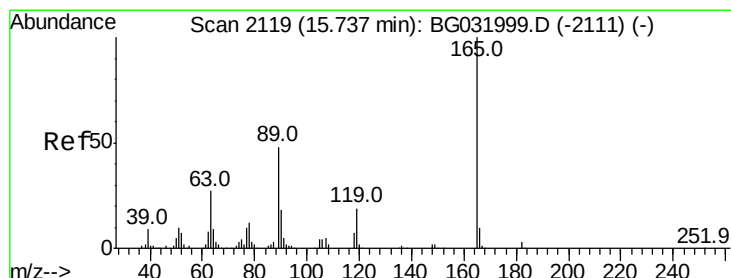
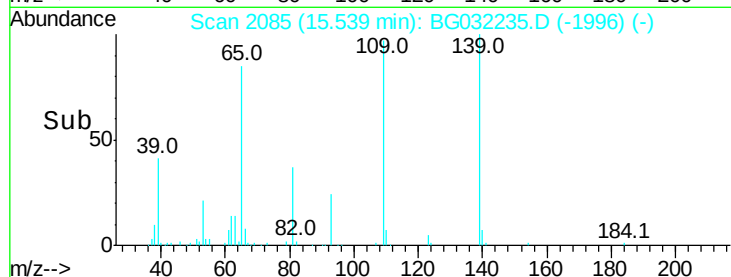
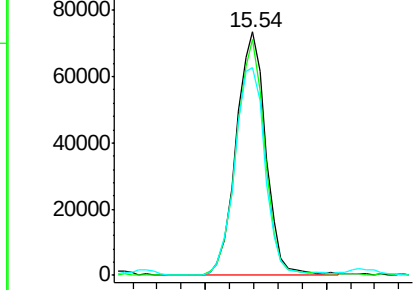
#55
4-Nitrophenol
Concen: 80.368 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Instrument :
BNA_G
ClientSampleId :
PB105889BS

Tot Ion:139 Resp: 125976
Ion Ratio Lower Upper
139 100
109 97.0 62.2 102.2
65 85.4 97.2 137.2#

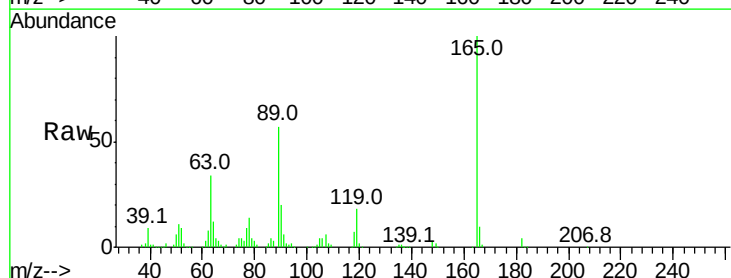


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

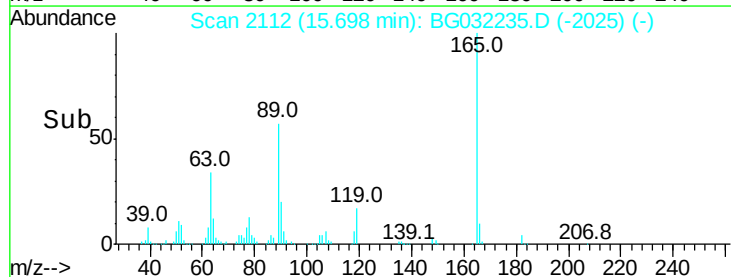
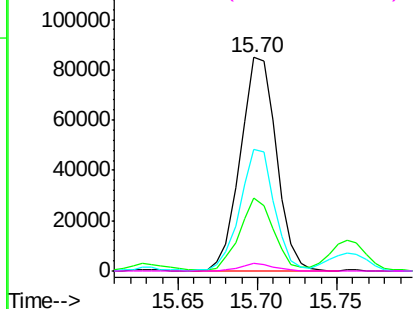


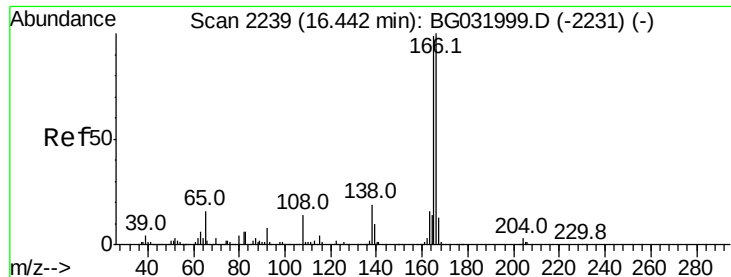
#56
2,4-Dinitrotoluene
Concen: 41.788 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:165 Resp: 133981
Ion Ratio Lower Upper
165 100
63 34.0 42.0 63.0#
89 56.9 66.9 100.3#
182 3.6 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

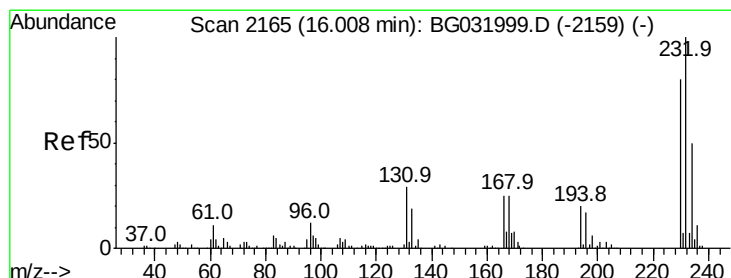
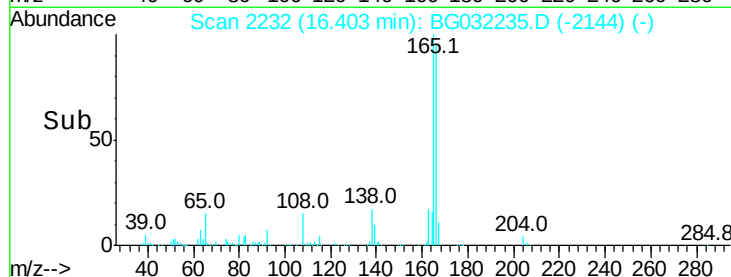
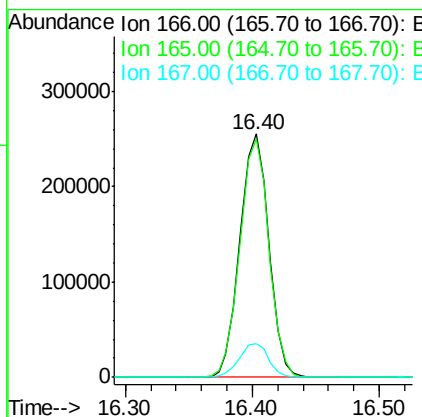
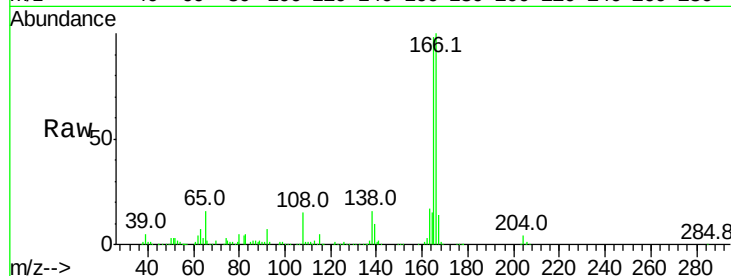




#57
 Fluorene
 Concen: 37.475 ng
 RT: 16.40 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

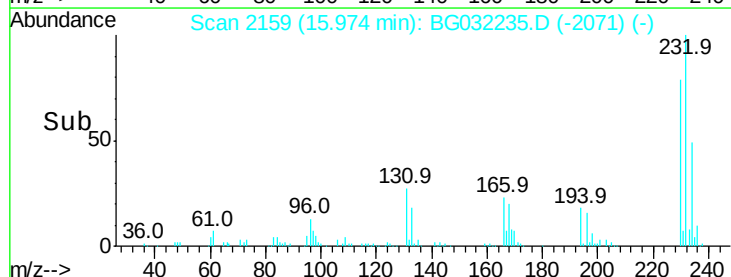
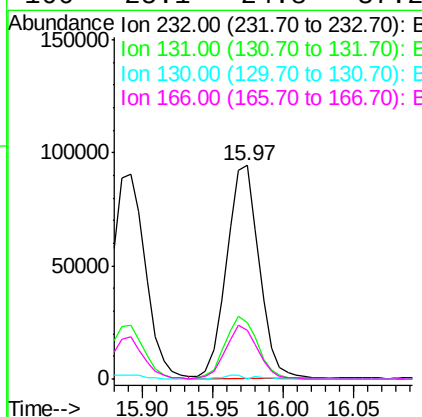
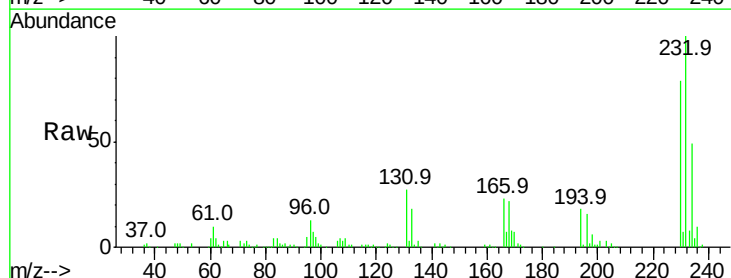
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

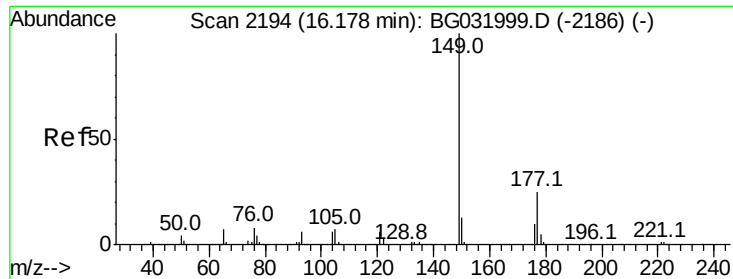
Tot Ion:166 Resp: 403671
 Ion Ratio Lower Upper
 166 100
 165 97.7 80.6 121.0
 167 13.7 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.874 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:232 Resp: 150860
 Ion Ratio Lower Upper
 232 100
 131 29.8 33.5 50.3#
 130 1.1 2.2 3.2#
 166 25.1 24.8 37.2

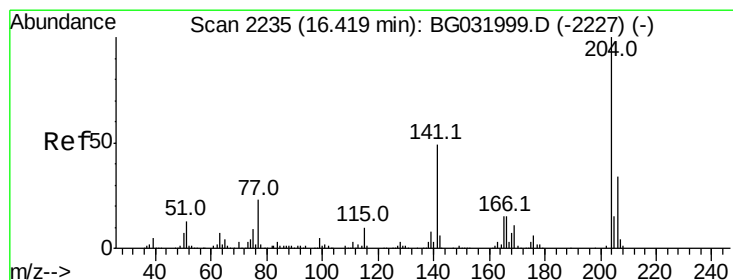
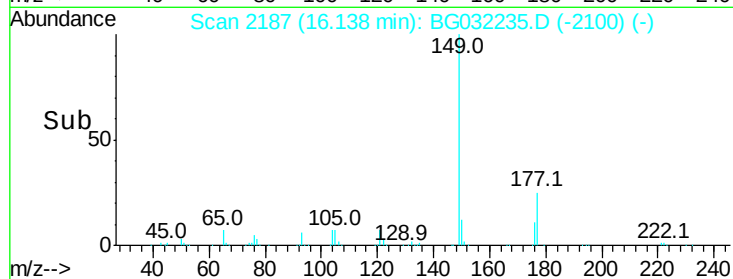
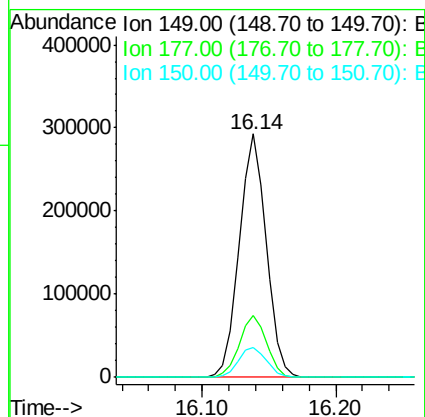
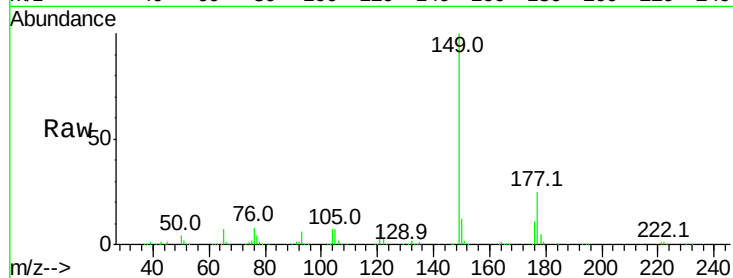




#59
Diethylphthalate
Concen: 36.877 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

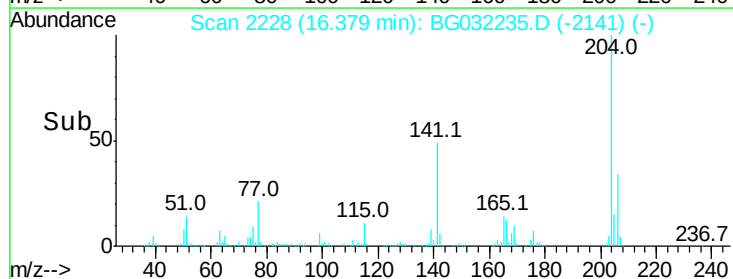
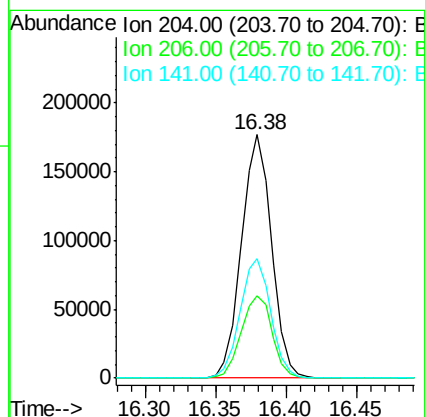
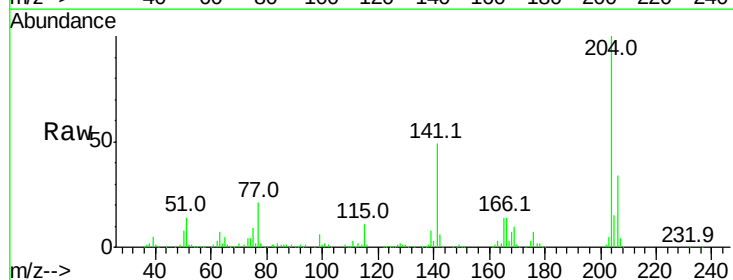
Instrument :
BNA_G
ClientSampleId :
PB105889BS

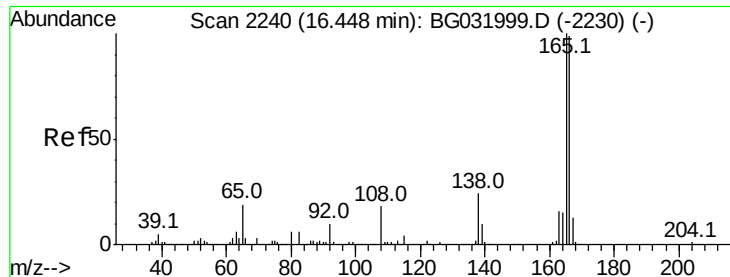
Tot Ion:149 Resp: 410175
Ion Ratio Lower Upper
149 100
177 25.2 18.5 27.7
150 12.2 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.849 ng
RT: 16.38 min Scan# 2228
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:204 Resp: 263317
Ion Ratio Lower Upper
204 100
206 34.0 26.2 39.2
141 49.3 45.8 68.6

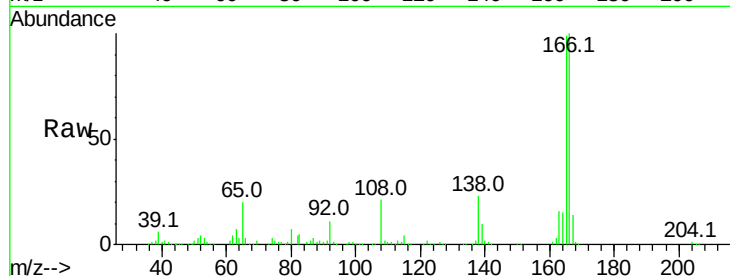




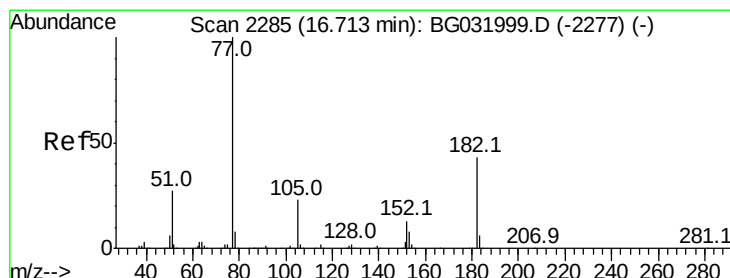
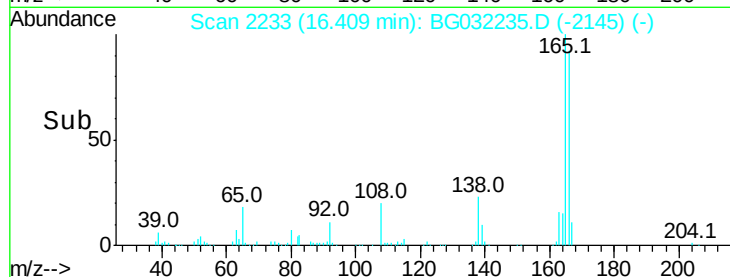
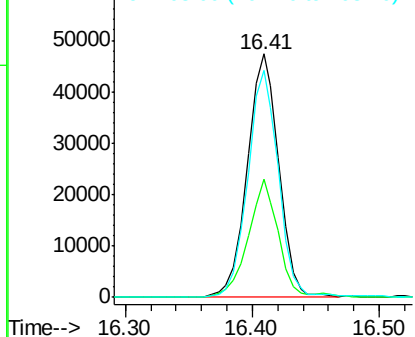
#61
4-Nitroaniline
Concen: 39.613 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Instrument :
BNA_G
ClientSampleId :
PB105889BS

Tot Ion:138 Resp: 81732
Ion Ratio Lower Upper
138 100
92 48.6 40.1 80.1
108 93.3 65.4 105.4

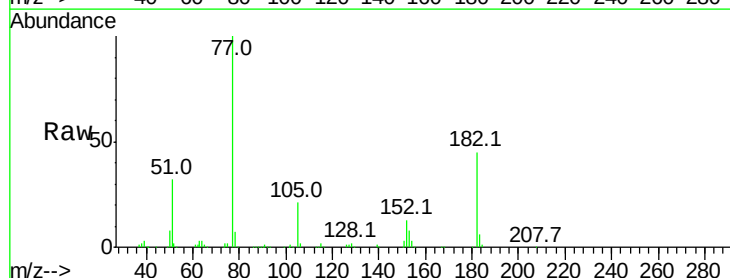


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

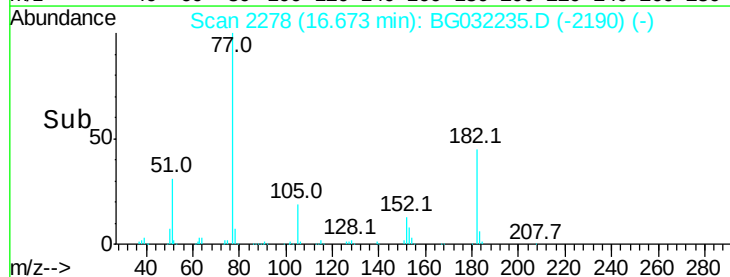
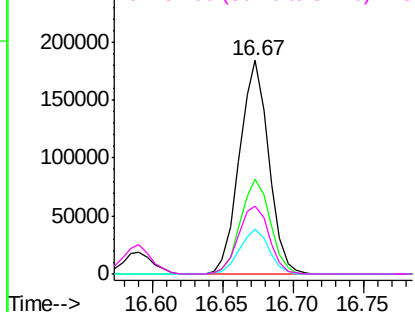


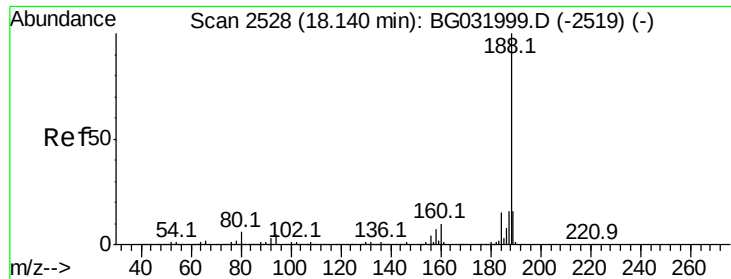
#62
Azobenzene
Concen: 38.196 ng
RT: 16.67 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion: 77 Resp: 265910
Ion Ratio Lower Upper
77 100
182 44.5 7.4 47.4
105 20.7 0.3 40.3
51 31.6 11.6 51.6



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

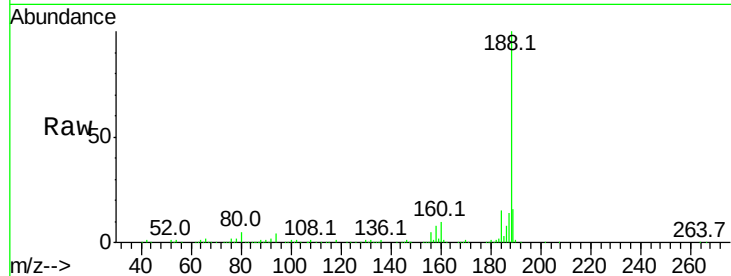




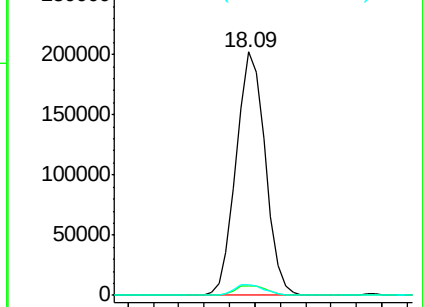
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Instrument :
BNA_G
ClientSampleId :
PB105889BS

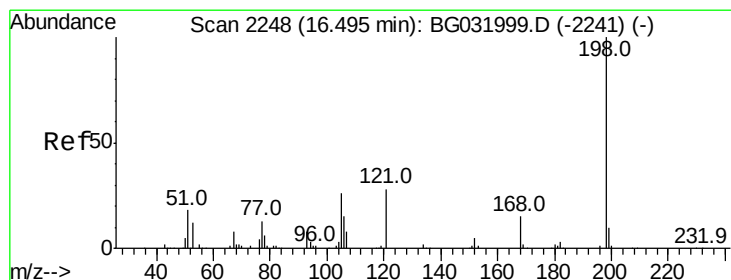
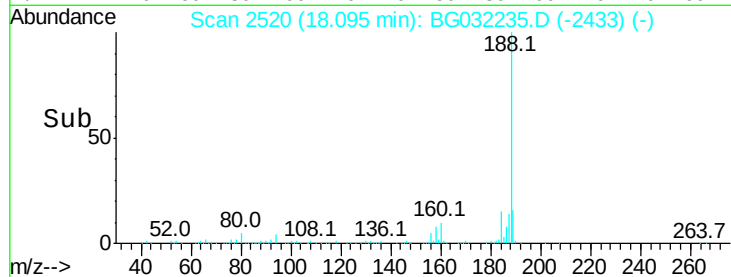
Tot Ion:188 Resp: 321383
Ion Ratio Lower Upper
188 100
94 3.9 6.9 10.3#
80 4.6 7.7 11.5#



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

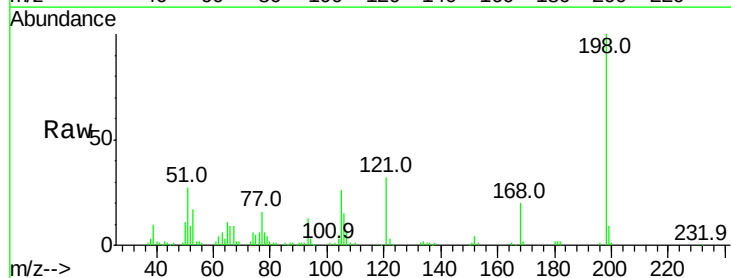


Time--> 18.00 18.10 18.20

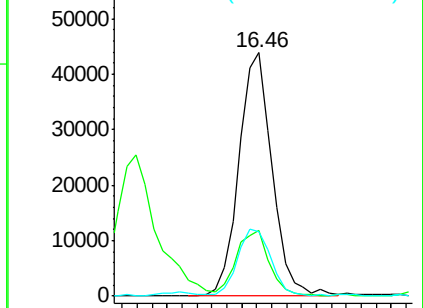


#64
4,6-Dinitro-2-methylphenol
Concen: 34.515 ng
RT: 16.46 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

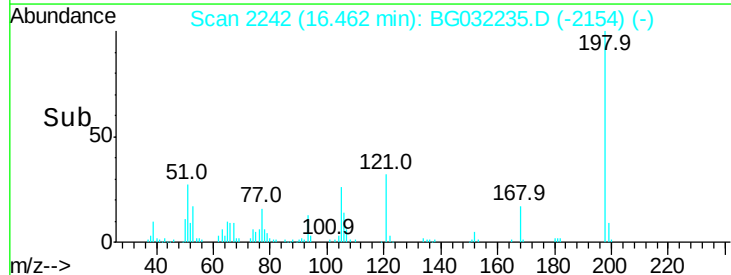
Tgt Ion:198 Resp: 67857
Ion Ratio Lower Upper
198 100
51 26.9 30.6 70.6#
105 26.3 23.8 63.8

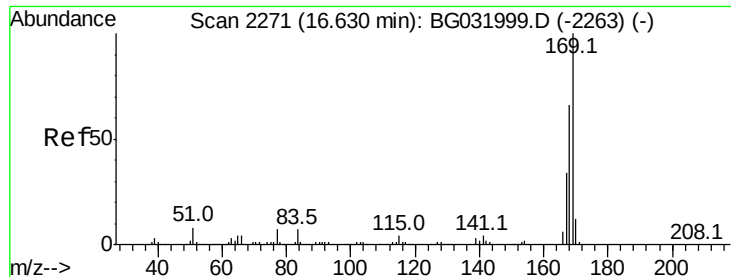


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BGC
Ion 105.00 (104.70 to 105.70): E



Time--> 16.40 16.45 16.50





#65

n-Nitrosodiphenylamine

Concen: 38.368 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

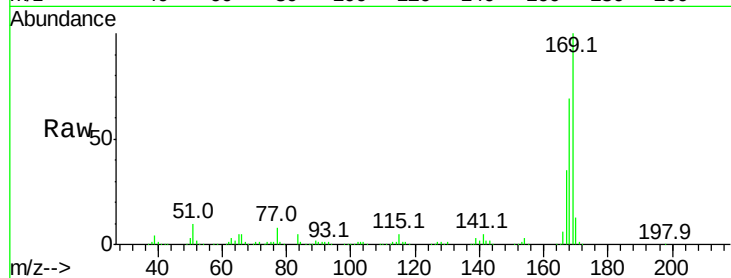
Tot Ion:169 Resp: 374169

Ion Ratio Lower Upper

169 100

168 69.0 55.7 83.5

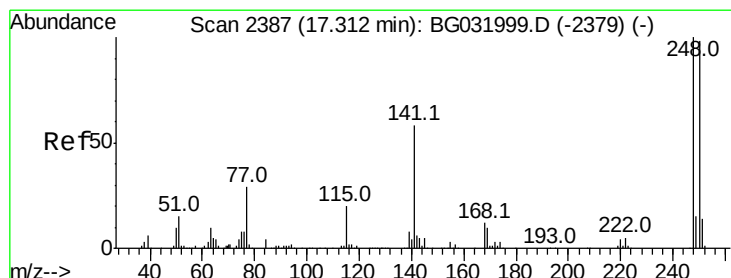
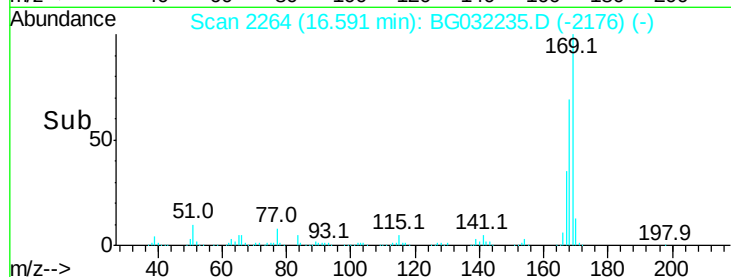
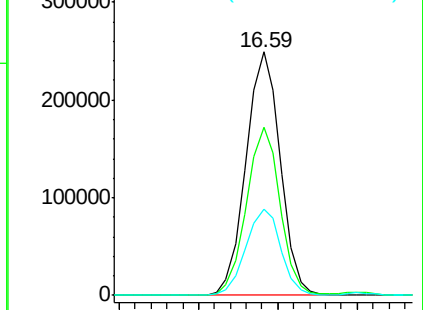
167 35.5 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.901 ng

RT: 17.27 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

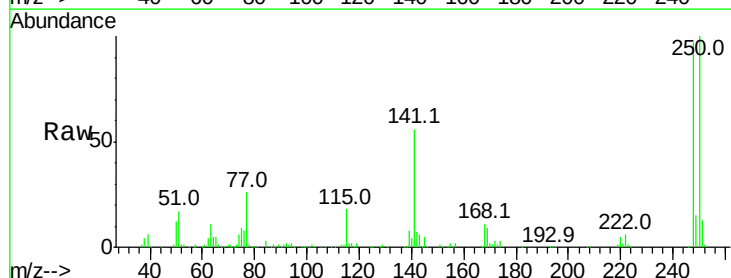
Tgt Ion:248 Resp: 182457

Ion Ratio Lower Upper

248 100

250 102.9 77.1 115.7

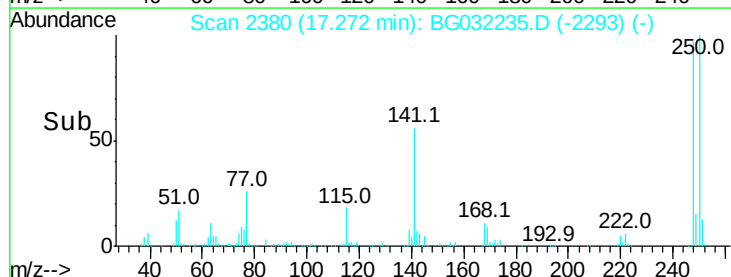
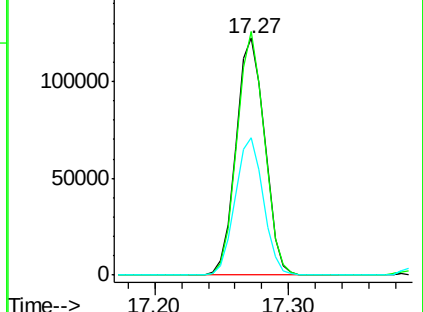
141 57.9 50.8 76.2

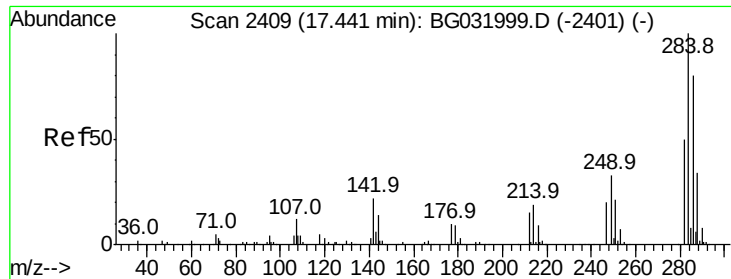


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

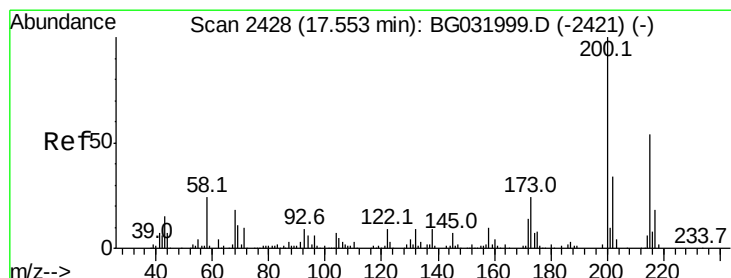
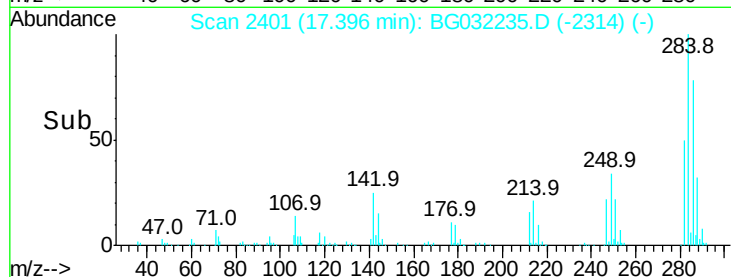
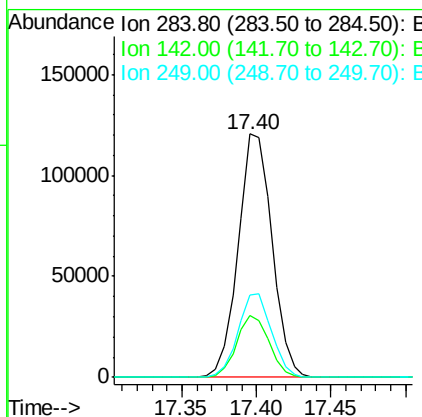
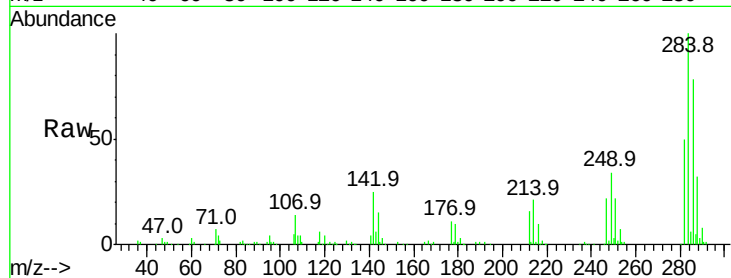




#67
Hexachlorobenzene
Concen: 37.473 ng
RT: 17.40 min Scan# 2401
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

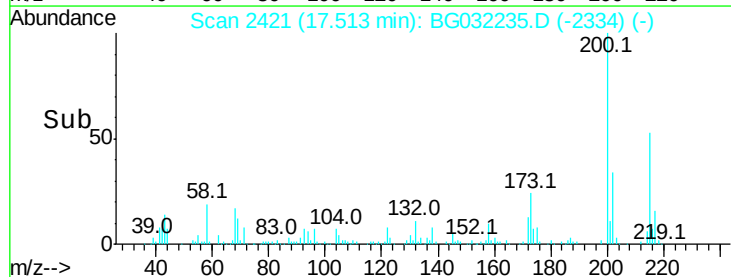
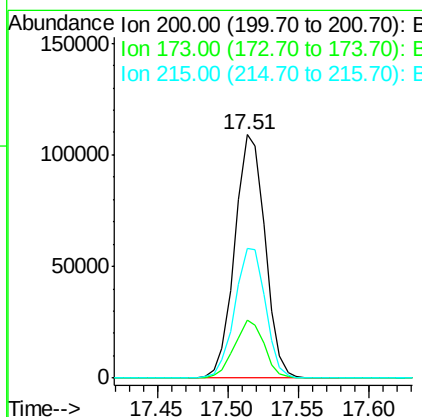
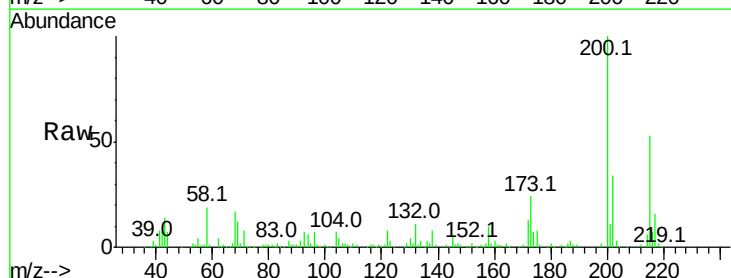
Instrument :
BNA_G
ClientSampleId :
PB105889BS

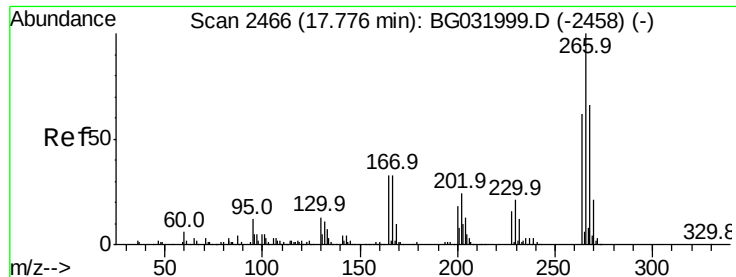
Tot Ion:284 Resp: 189577
Ion Ratio Lower Upper
284 100
142 25.3 26.8 40.2#
249 33.7 26.3 39.5



#68
Atrazine
Concen: 39.752 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:200 Resp: 163031
Ion Ratio Lower Upper
200 100
173 24.1 5.2 45.2
215 53.4 30.4 70.4

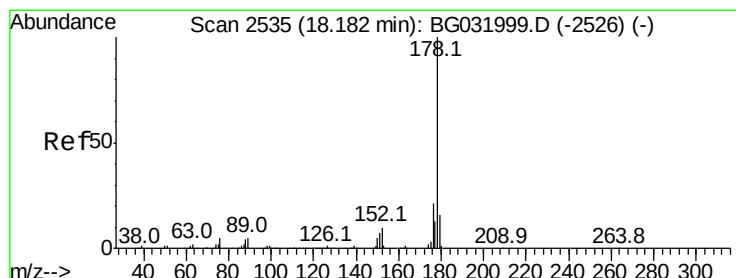
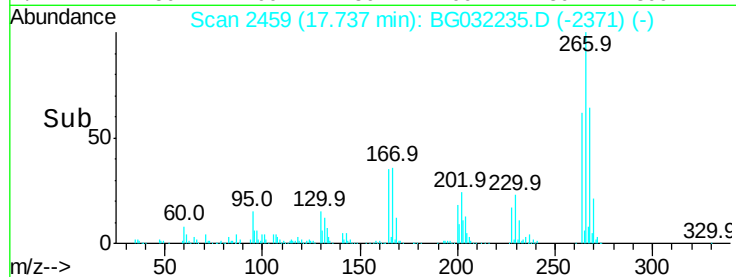
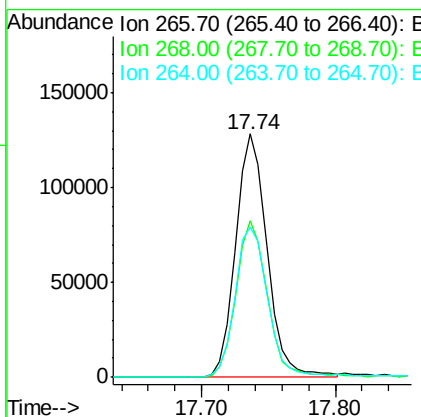
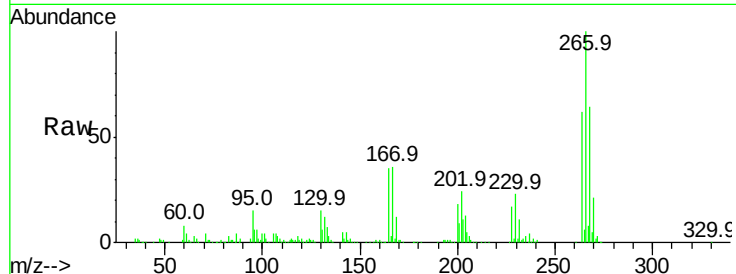




#69
 Pentachlorophenol
 Concen: 64.888 ng
 RT: 17.74 min Scan# 2459
 Delta R.T. -0.01 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

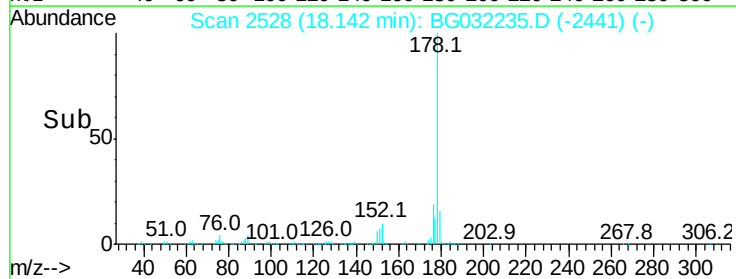
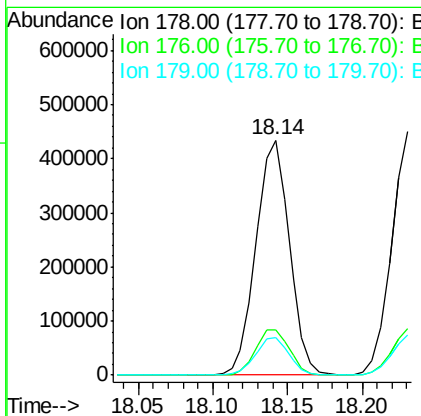
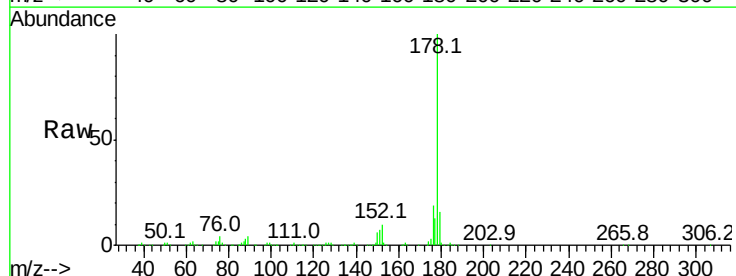
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

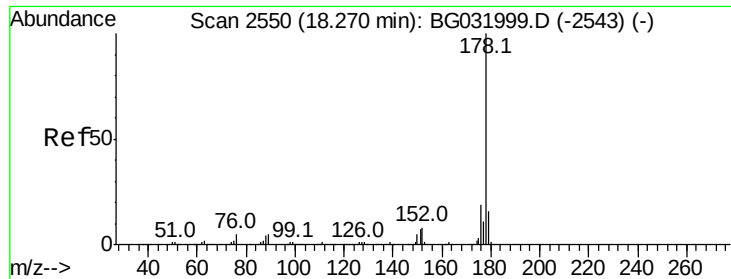
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.3	51.1	76.7
264	61.9	49.6	74.4



#70
 Phenanthrene
 Concen: 37.590 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.7	23.5
179	16.0	12.5	18.7

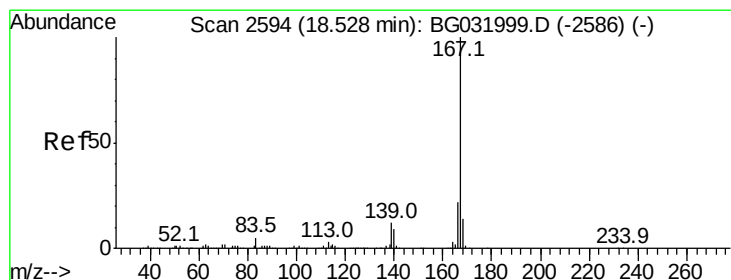
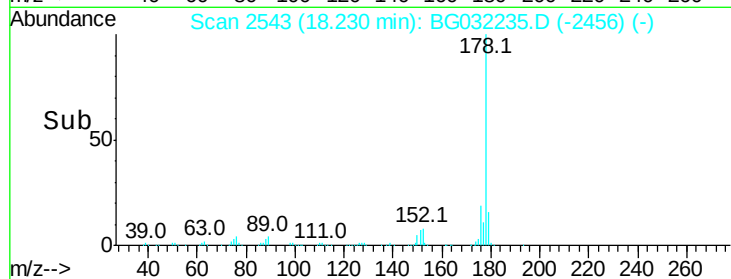
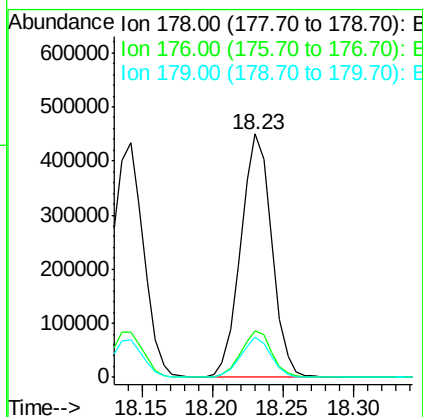
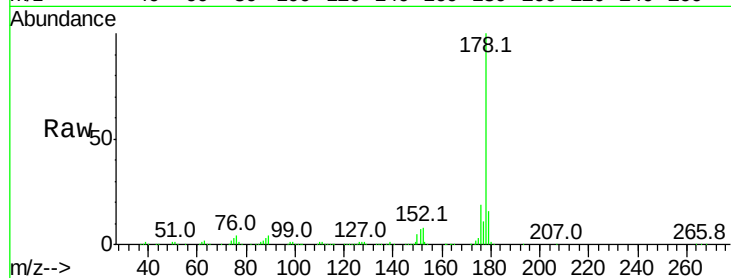




#71
 Anthracene
 Concen: 38.692 ng
 RT: 18.23 min Scan# 2543
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

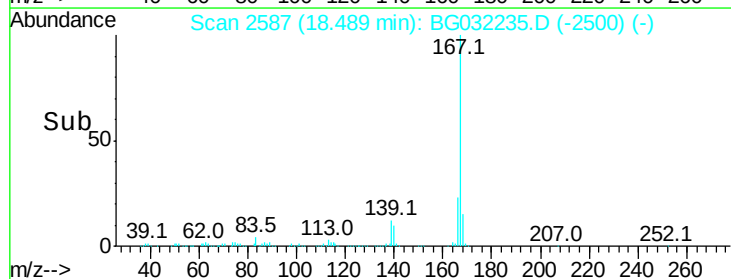
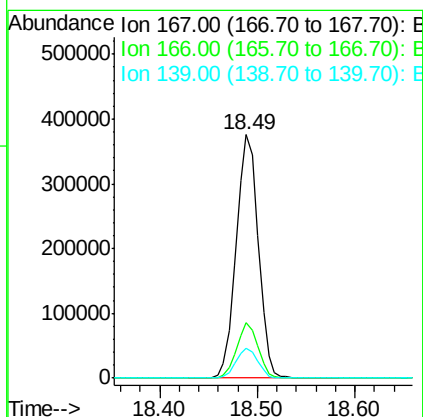
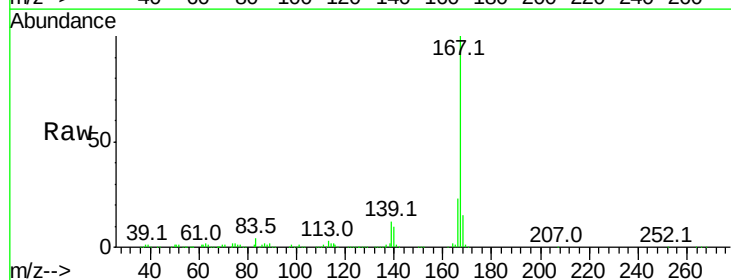
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

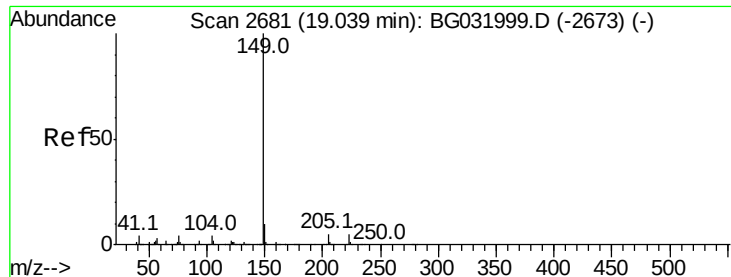
Tot Ion:178 Resp: 690525
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.0 24.0
 179 16.4 12.5 18.7



#72
 Carbazole
 Concen: 38.158 ng
 RT: 18.49 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:167 Resp: 590752
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.0 9.4 14.2





#73

Di-n-butylphthalate

Concen: 36.005 ng

RT: 19.00 min Scan# 2674

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

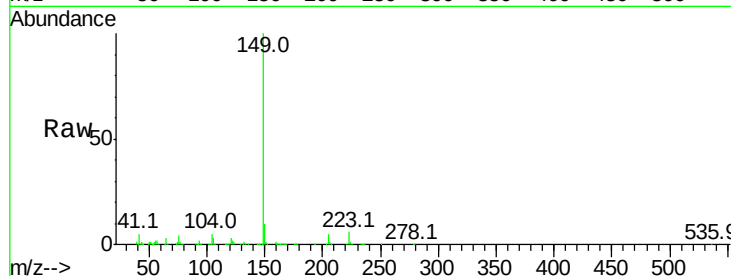
Tot Ion:149 Resp: 658675

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

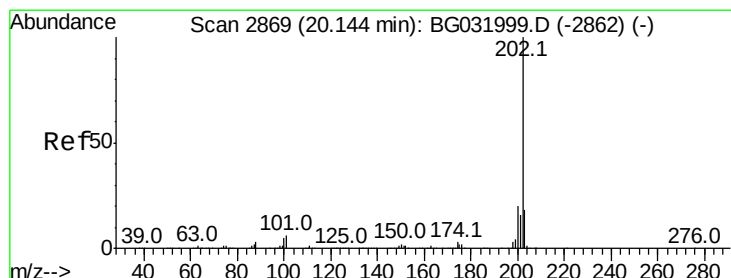
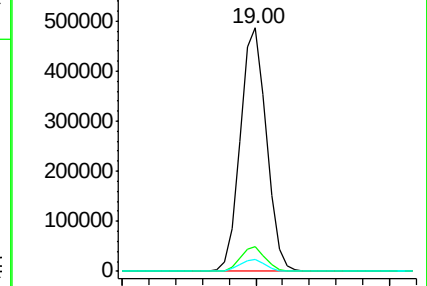
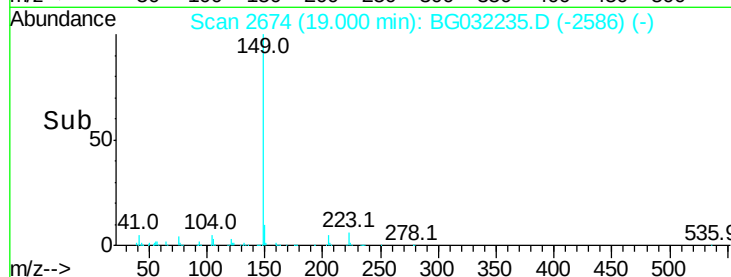
104 5.1 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.343 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

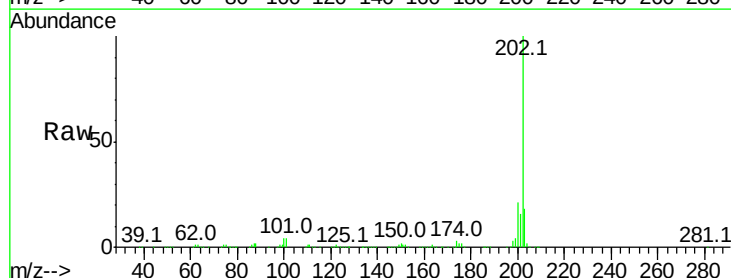
Tgt Ion:202 Resp: 903823

Ion Ratio Lower Upper

202 100

101 4.2 0.0 28.9

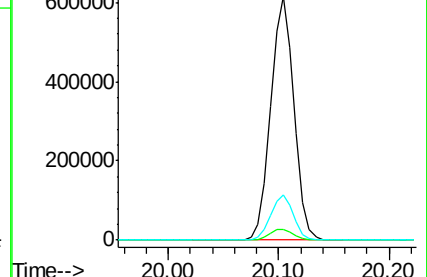
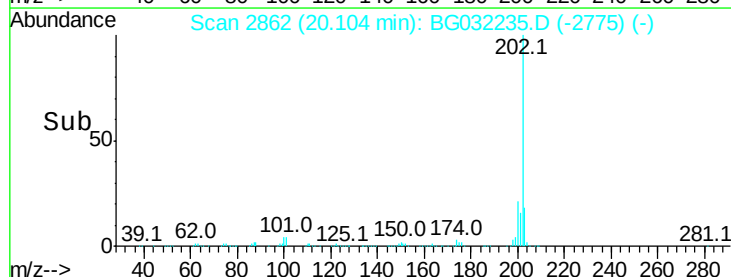
203 18.3 0.0 37.5

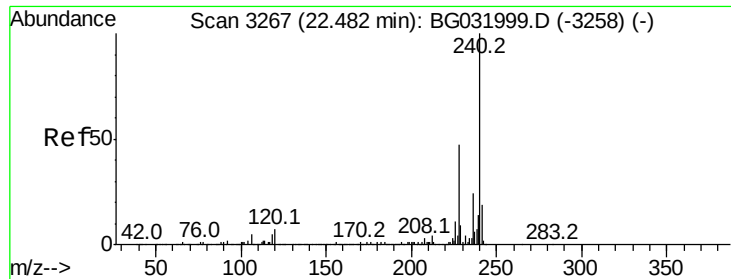


Abundance Ion 202.00 (201.70 to 202.70): E

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: 22.43 min Scan# 3258

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

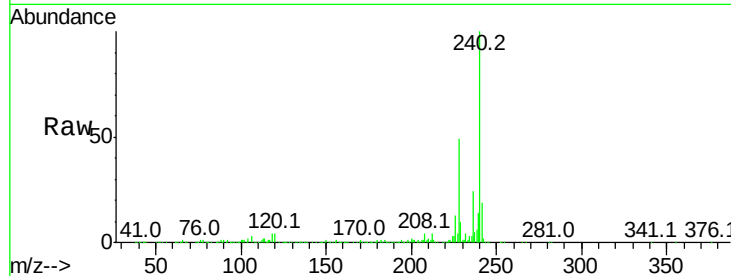
Tot Ion:240 Resp: 405332

Ion Ratio Lower Upper

240 100

120 4.4 6.8 10.2#

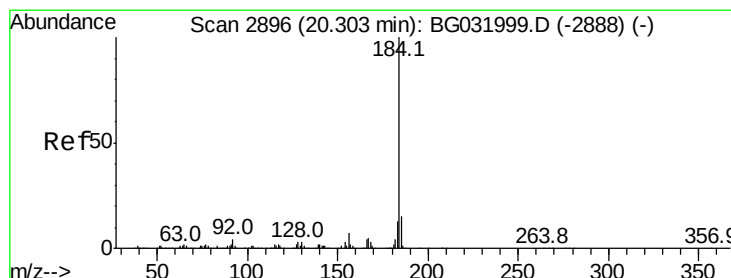
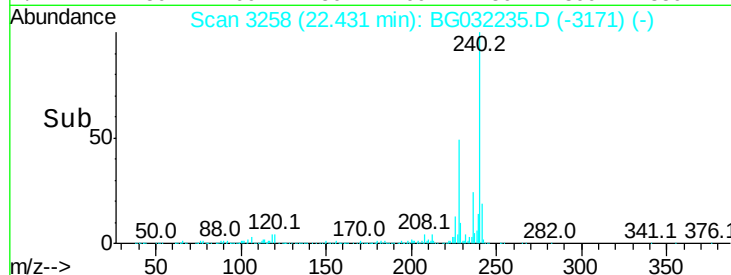
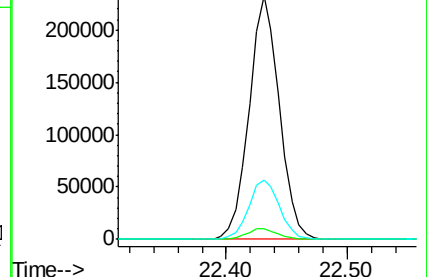
236 24.4 20.9 31.3



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: 21.150 ng

RT: 20.26 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

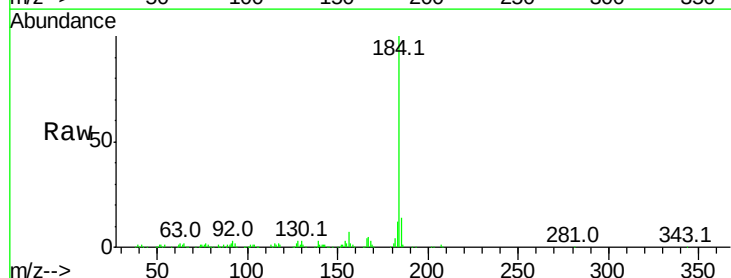
Tgt Ion:184 Resp: 214369

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

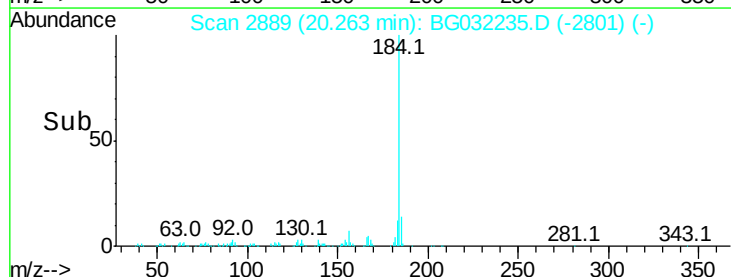
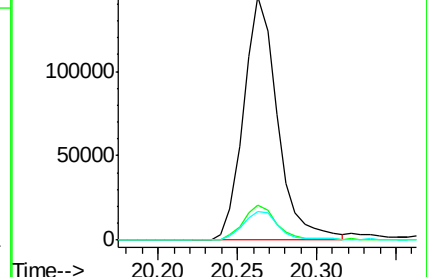
183 11.9 10.6 16.0

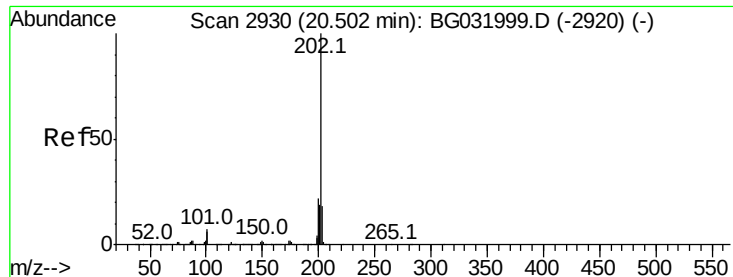


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 35.749 ng

RT: 20.46 min Scan# 2923

Delta R.T. -0.01 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

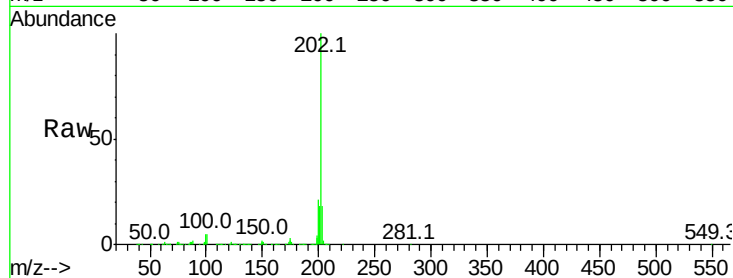
Tot Ion:202 Resp: 910901

Ion Ratio Lower Upper

202 100

200 20.6 16.9 25.3

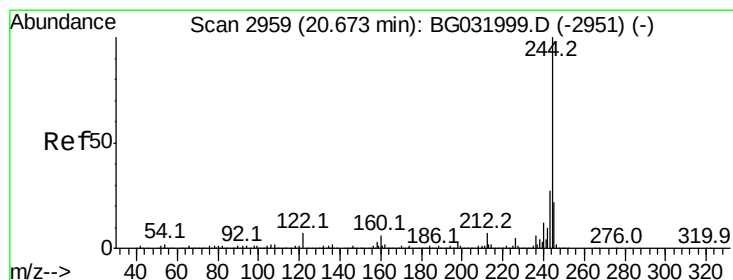
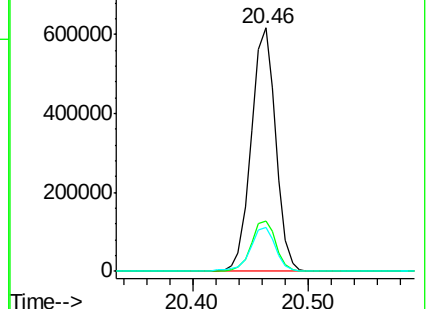
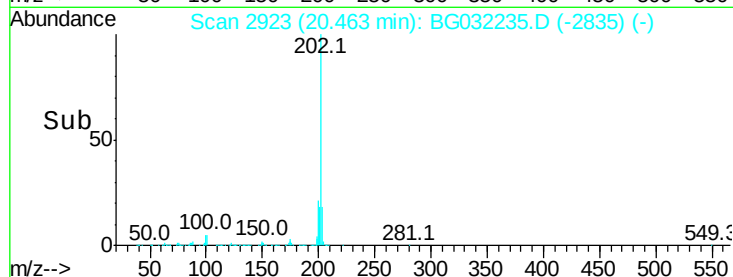
203 18.1 13.9 20.9



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: 79.836 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

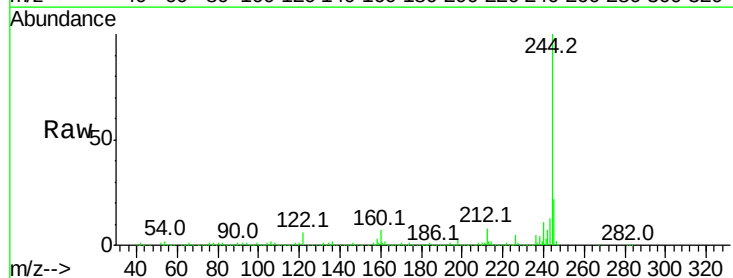
Tgt Ion:244 Resp: 1465554

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

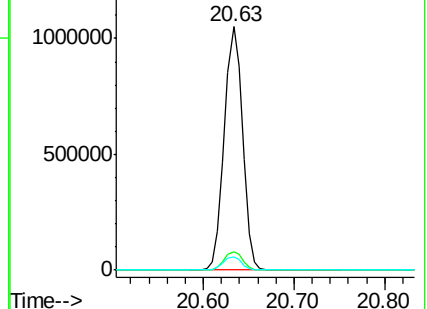
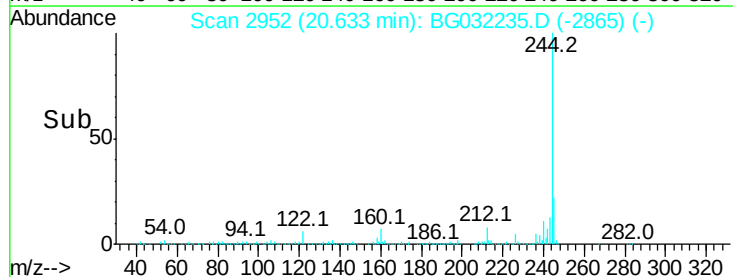
122 5.6 7.0 10.4#

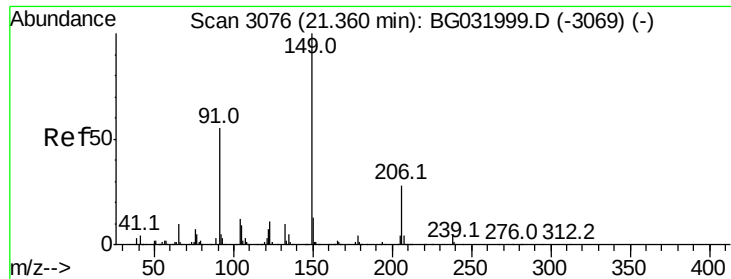


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

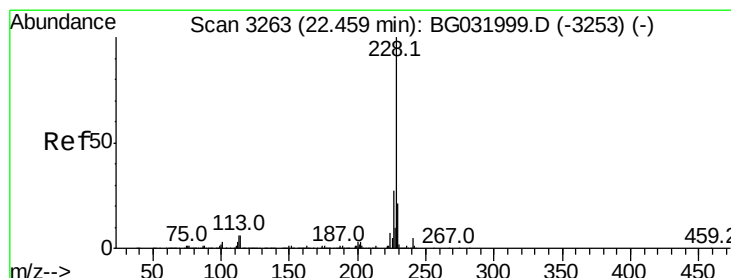
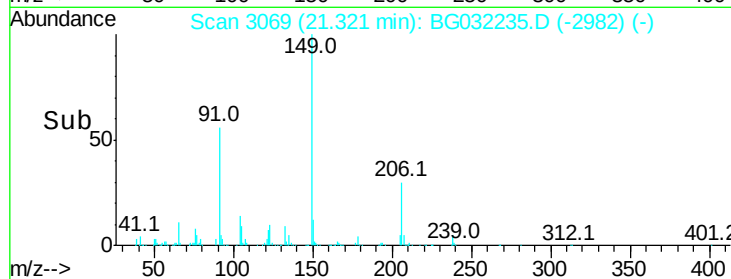
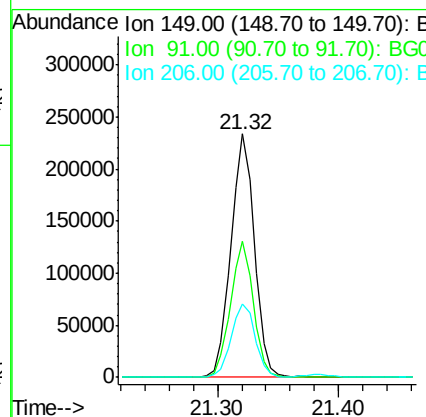
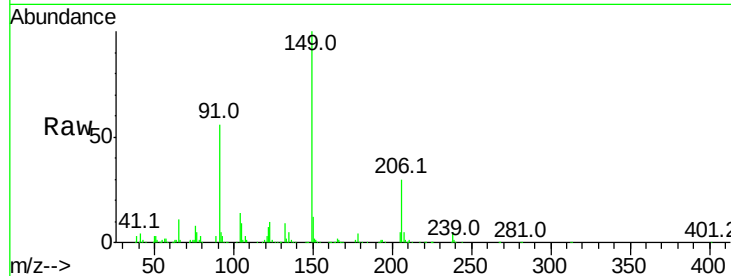




#79
Butylbenzylphthalate
Concen: 34.606 ng
RT: 21.32 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

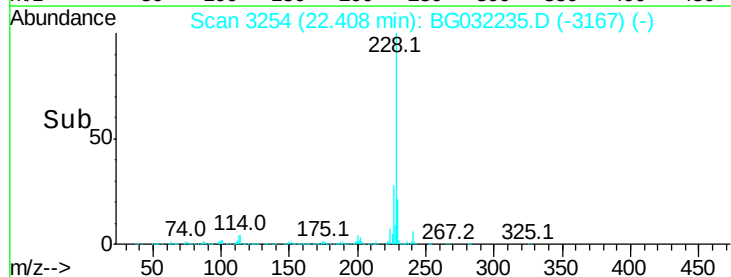
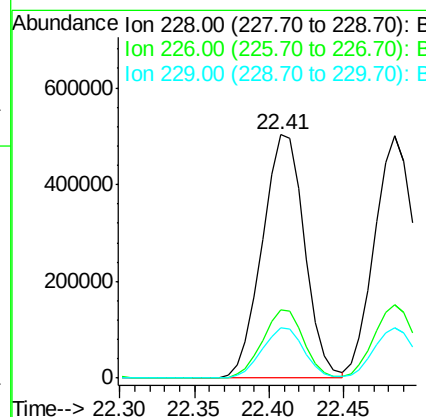
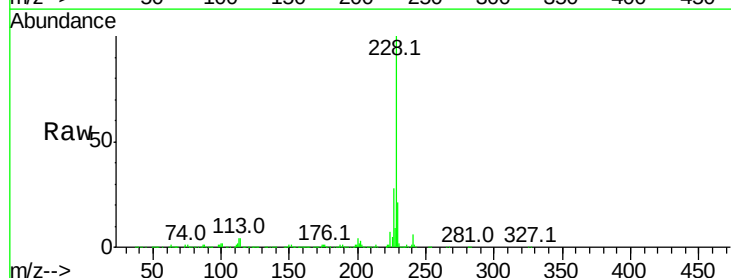
Instrument :
BNA_G
ClientSampleId :
PB105889BS

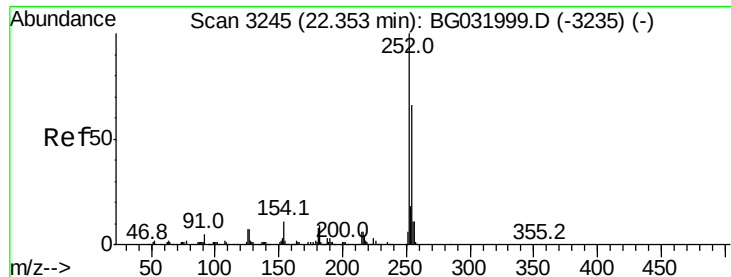
Tot Ion:149 Resp: 315933
Ion Ratio Lower Upper
149 100
91 55.7 62.2 93.2#
206 30.0 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 39.357 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:228 Resp: 992111
Ion Ratio Lower Upper
228 100
226 28.0 22.7 34.1
229 20.7 16.2 24.2

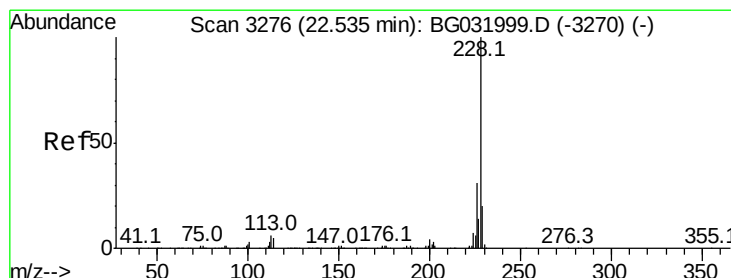
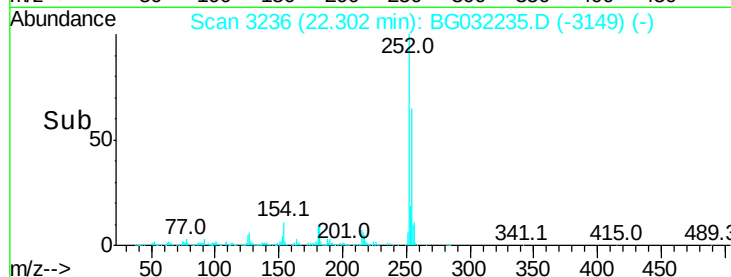
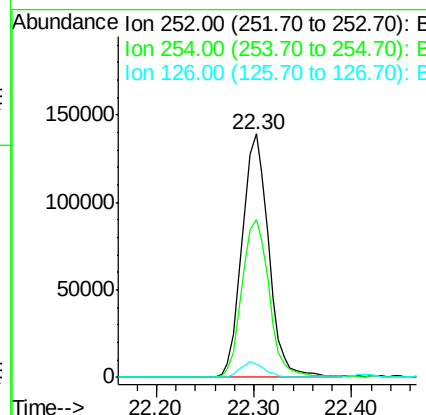
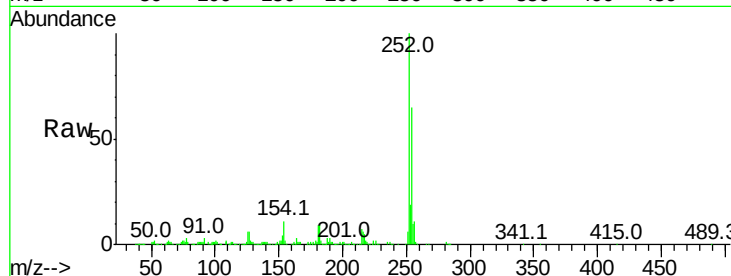




#81
 3,3'-Dichlorobenzidine
 Concen: 28.211 ng
 RT: 22.30 min Scan# 3236
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

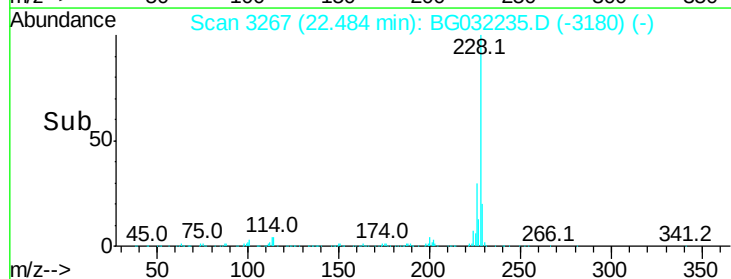
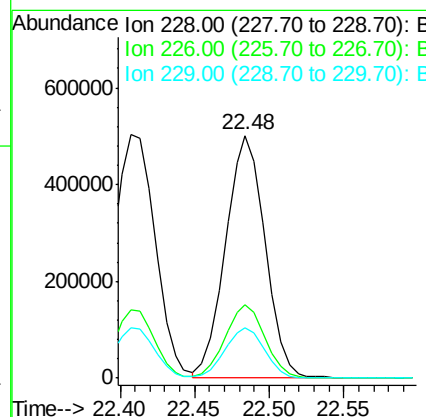
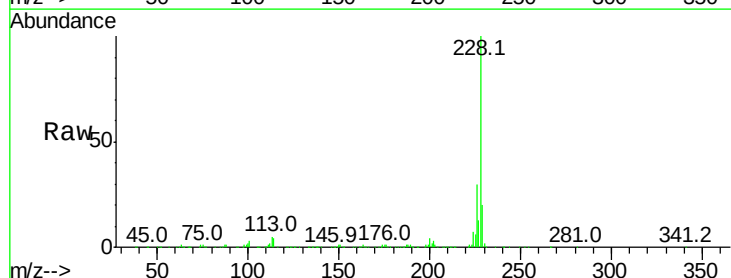
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

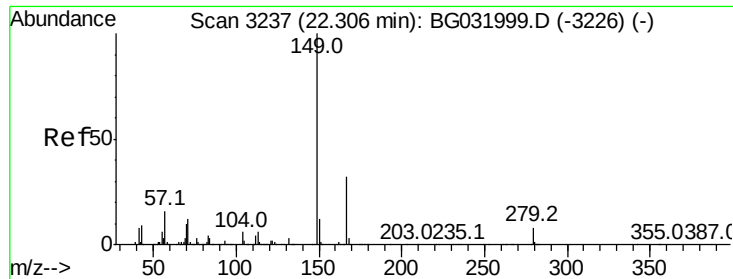
Tot Ion:252 Resp: 265654
 Ion Ratio Lower Upper
 252 100
 254 64.7 50.8 76.2
 126 5.5 7.4 11.2#



#82
 Chrysene
 Concen: 38.007 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. -0.02 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:228 Resp: 920108
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 20.5 15.0 22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.319 ng

RT: 22.25 min Scan# 3227

Delta R.T. -0.02 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

BNA_G

ClientSampleId :

PB105889BS

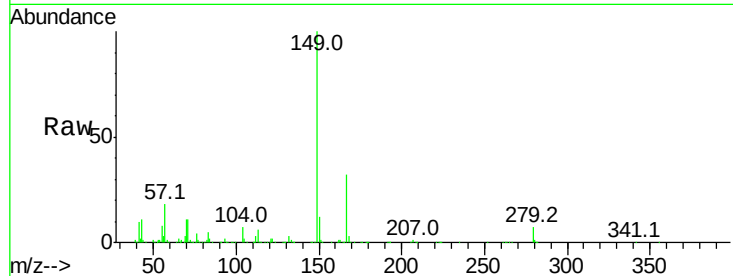
Tot Ion:149 Resp: 446063

Ion Ratio Lower Upper

149 100

167 32.3 24.3 36.5

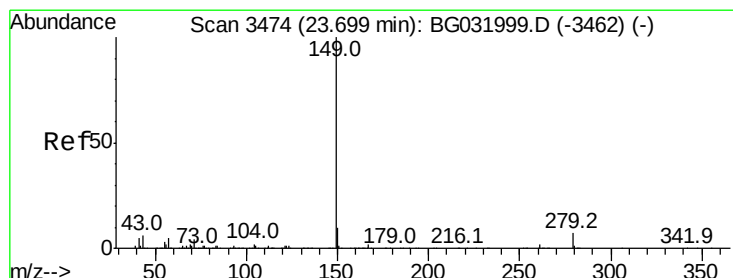
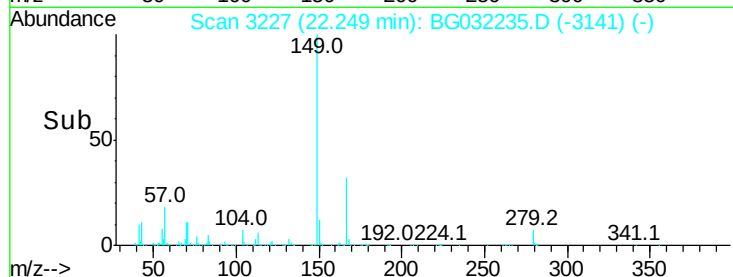
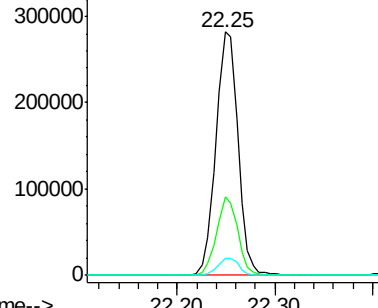
279 7.3 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.936 ng

RT: 23.62 min Scan# 3461

Delta R.T. -0.03 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

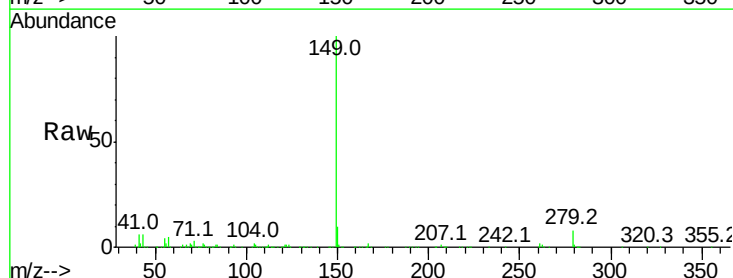
Tgt Ion:149 Resp: 764093

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

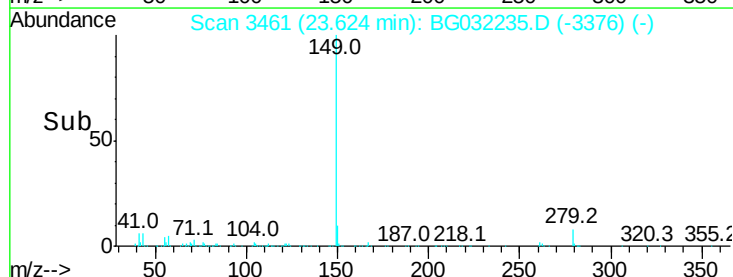
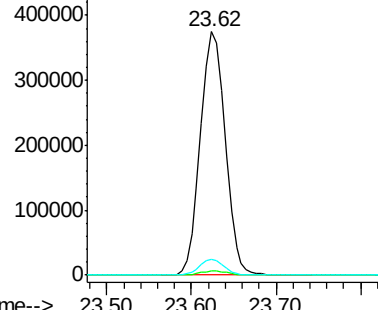
43 6.1 8.9 13.3#

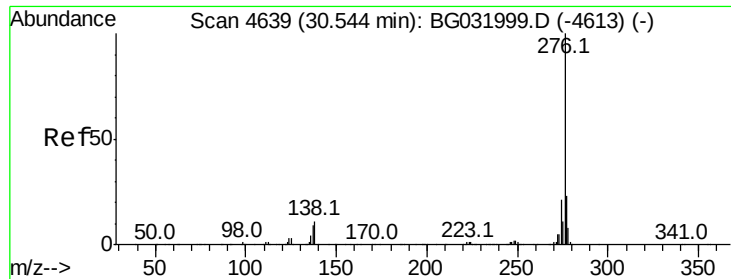


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG

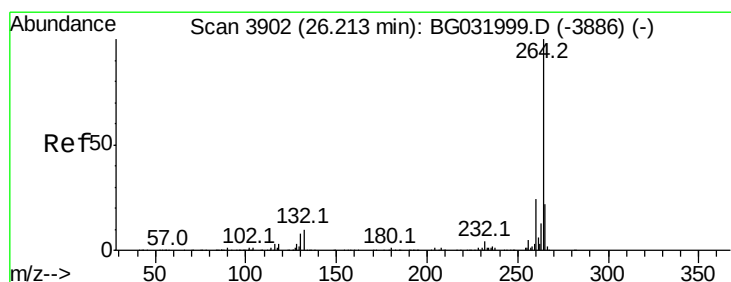
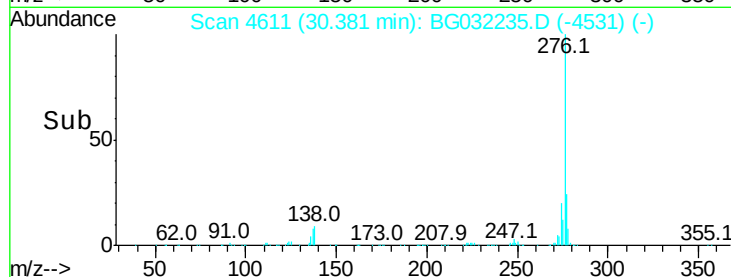
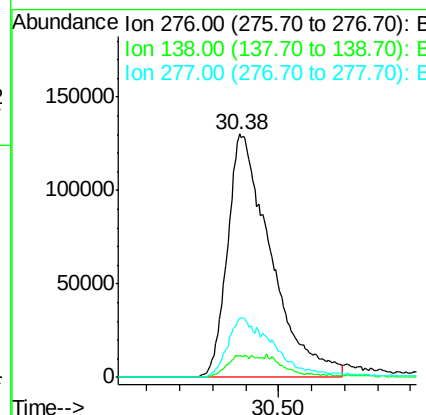
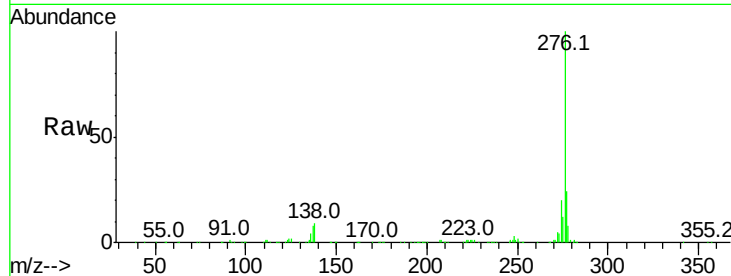




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.247 ng
 RT: 30.38 min Scan# 4611
 Delta R.T. -0.06 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

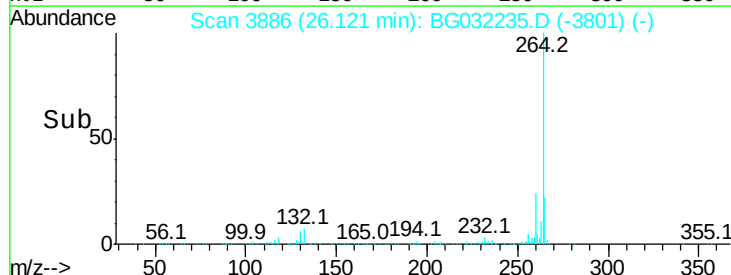
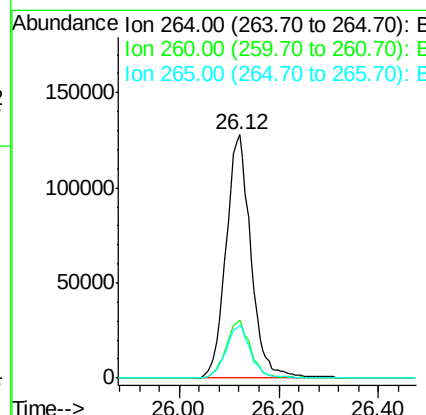
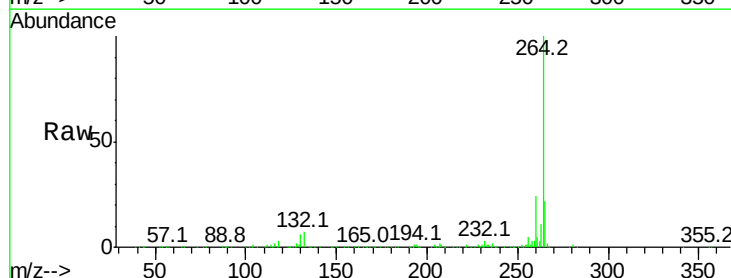
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

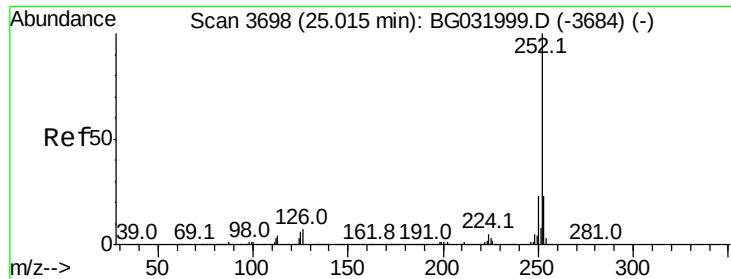
Tot Ion:276 Resp: 1192379
 Ion Ratio Lower Upper
 276 100
 138 3.4 16.0 24.0#
 277 13.8 20.0 30.0#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.12 min Scan# 3886
 Delta R.T. -0.03 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Tgt Ion:264 Resp: 444362
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.8 17.7 26.5

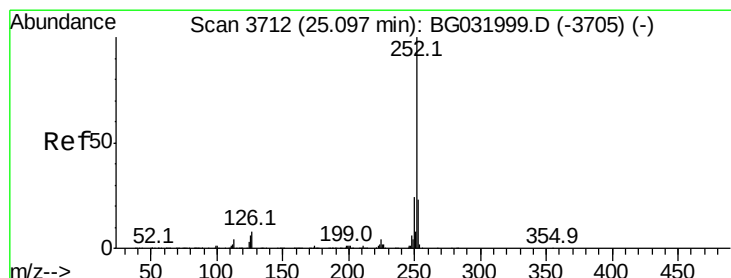
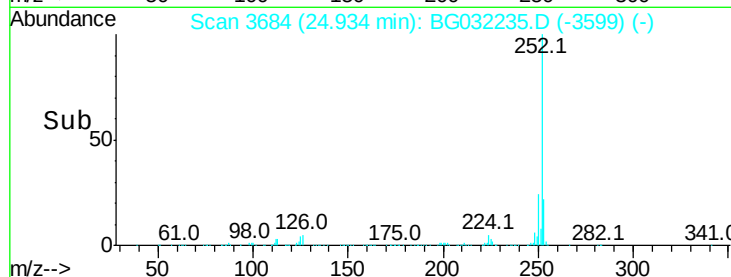
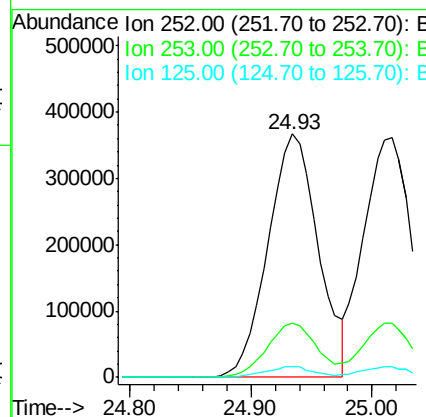
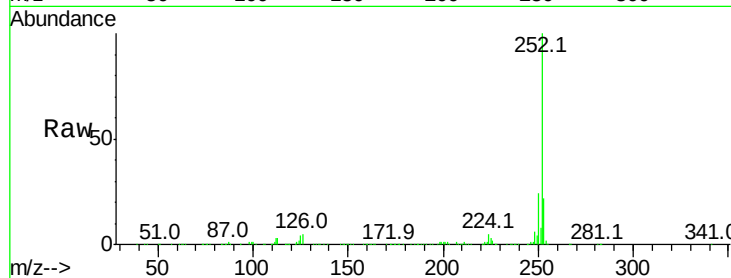




#87
Benzo(b)fluoranthene
Concen: 39.357 ng
RT: 24.93 min Scan# 3684
Delta R.T. -0.03 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

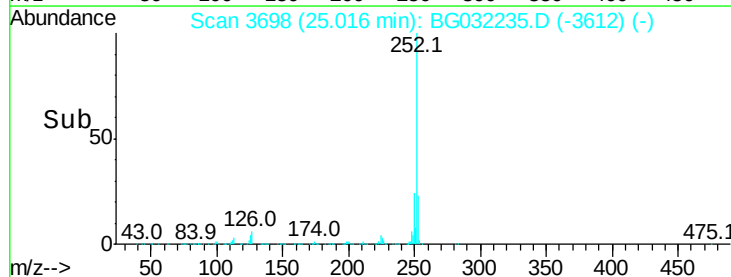
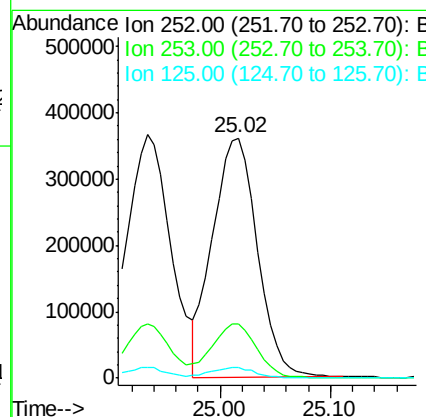
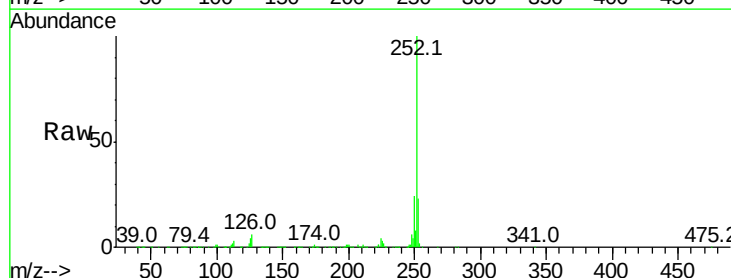
Instrument :
BNA_G
ClientSampleId :
PB105889BS

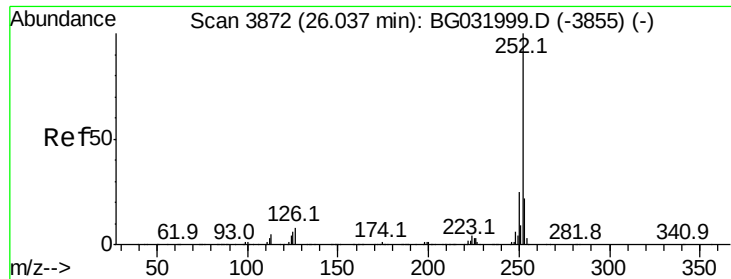
Tot Ion:252 Resp: 1057096
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.4
125 4.3 7.2 10.8#



#88
Benzo(k)fluoranthene
Concen: 38.732 ng
RT: 25.02 min Scan# 3698
Delta R.T. -0.02 min
Lab File: BG032235.D
Acq: 23 Jan 2018 17:16

Tgt Ion:252 Resp: 1016551
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 4.3 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.586 ng

RT: 25.94 min Scan# 3856

Delta R.T. -0.03 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Instrument :

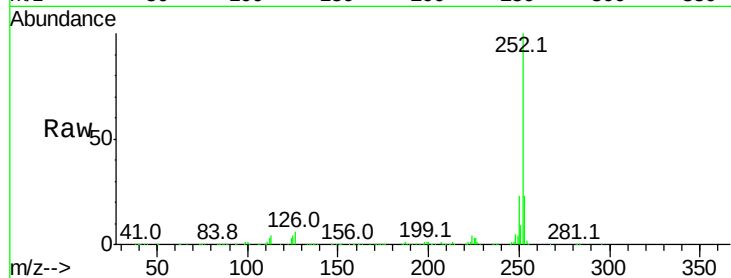
BNA_G

ClientSampleId :

PB105889BS

Tot Ion:252 Resp: 1031216

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	4.4	7.3	10.9

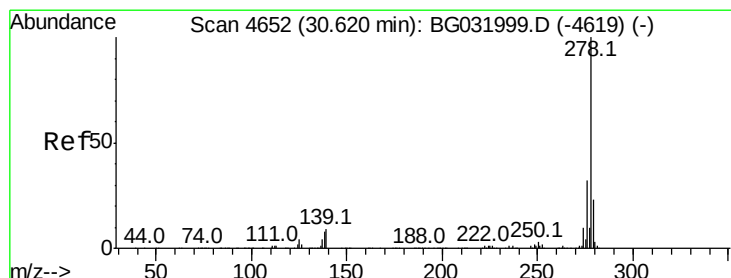
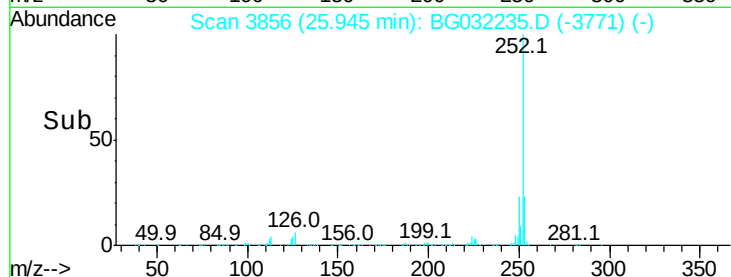
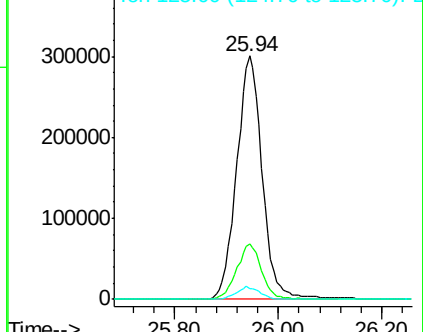


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.101 ng

RT: 30.47 min Scan# 4627

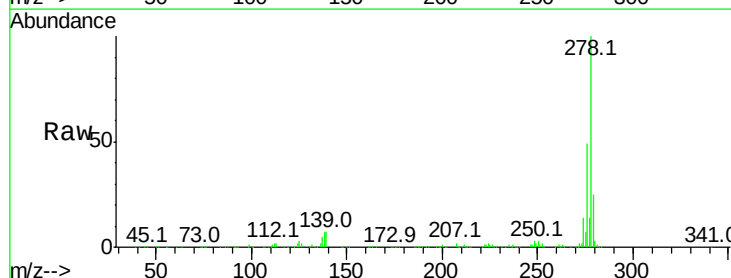
Delta R.T. -0.04 min

Lab File: BG032235.D

Acq: 23 Jan 2018 17:16

Tgt Ion:278 Resp: 957353

Ion	Ratio	Lower	Upper
278	100		
139	7.5	9.8	14.6
279	25.1	18.4	27.6

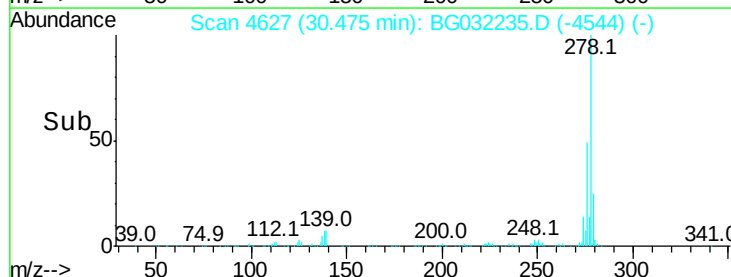
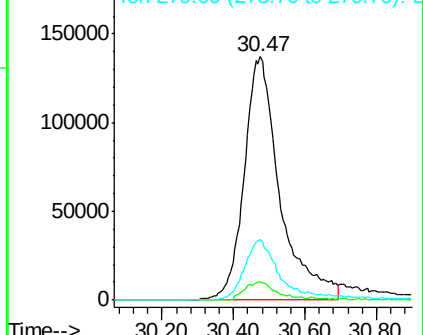


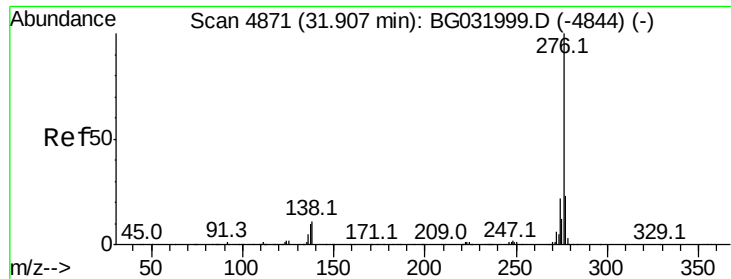
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 36.129 ng
 RT: 31.73 min Scan# 4841
 Delta R.T. -0.06 min
 Lab File: BG032235.D
 Acq: 23 Jan 2018 17:16

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	10.4	13.9	20.9

