

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032236.D
 Acq On : 23 Jan 2018 17:54
 Operator : SJ/JU
 Sample : PB105889BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Quant Time: Jan 24 02:58:10 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	44616	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	186693	20.00	ng	-0.02
38) Acenaphthene-d10	15.37	164	129436	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	326281	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	408301	20.00	ng	-0.02
86) Perylene-d12	26.12	264	433013	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	304106	124.66	ng	-0.01
7) Phenol-d6	7.84	99	375544	122.23	ng	0.00
23) Nitrobenzene-d5	9.92	82	224826	81.47	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	249477	116.48	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	796705	76.32	ng	-0.02
78) Terphenyl-d14	20.64	244	1434516	77.58	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.81	88	24691	26.346	ng	# 76
3) Pyridine	4.27	79	71688	28.657	ng	91
4) n-Nitrosodimethylamine	4.17	42	42430	48.279	ng	# 81
6) Aniline	8.02	93	86674	22.366	ng	94
8) 2-Chlorophenol	8.27	128	113882	41.719	ng	83
9) Benzaldehyde	7.83	77	51722	29.056	ng	# 79
10) Phenol	7.87	94	126053	41.650	ng	95
11) bis(2-Chloroethyl)ether	8.11	93	84551	34.871	ng	# 81
12) 1,3-Dichlorobenzene	8.61	146	125842	35.224	ng	96
13) 1,4-Dichlorobenzene	8.77	146	130583	36.301	ng	95
14) 1,2-Dichlorobenzene	9.10	146	124936	35.909	ng	98
15) Benzyl Alcohol	8.96	79	97853	43.842	ng	97
16) 2,2'-oxybis(1-Chloropropan	9.25	45	82842	33.619	ng	75
17) 2-Methylphenol	9.17	107	92136	39.835	ng	97
18) Hexachloroethane	9.85	117	42332	38.291	ng	# 84
19) n-Nitroso-di-n-propylamine	9.54	70	71443	37.478	ng	# 91
20) 3+4-Methylphenols	9.50	107	125378	39.130	ng	97
22) Acetophenone	9.57	105	156775	36.969	ng	# 88
24) Nitrobenzene	9.97	77	110820	40.261	ng	# 88
25) Isophorone	10.49	82	198973	38.723	ng	# 84
26) 2-Nitrophenol	10.69	139	68189	41.809	ng	# 81
27) 2,4-Dimethylphenol	10.74	122	114556	44.261	ng	94
28) bis(2-Chloroethoxy)methane	10.98	93	120254	38.844	ng	97
29) 2,4-Dichlorophenol	11.23	162	144203	45.280	ng	87
30) 1,2,4-Trichlorobenzene	11.46	180	157459	38.284	ng	99
31) Naphthalene	11.66	128	338744	36.628	ng	99
32) Benzoic acid	10.85	122	60878	31.367	ng	# 82
33) 4-Chloroaniline	11.76	127	87878	22.158	ng	# 90
34) Hexachlorobutadiene	11.93	225	114141	38.638	ng	91
35) Caprolactam	12.52	113	39317	40.694	ng	# 50
36) 4-Chloro-3-methylphenol	12.83	107	128230	43.989	ng	87
37) 2-Methylnaphthalene	13.23	142	288616	39.308	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	220586	39.096	ng	96
40) Hexachlorocyclopentadiene	13.56	237	278310	87.579	ng	90

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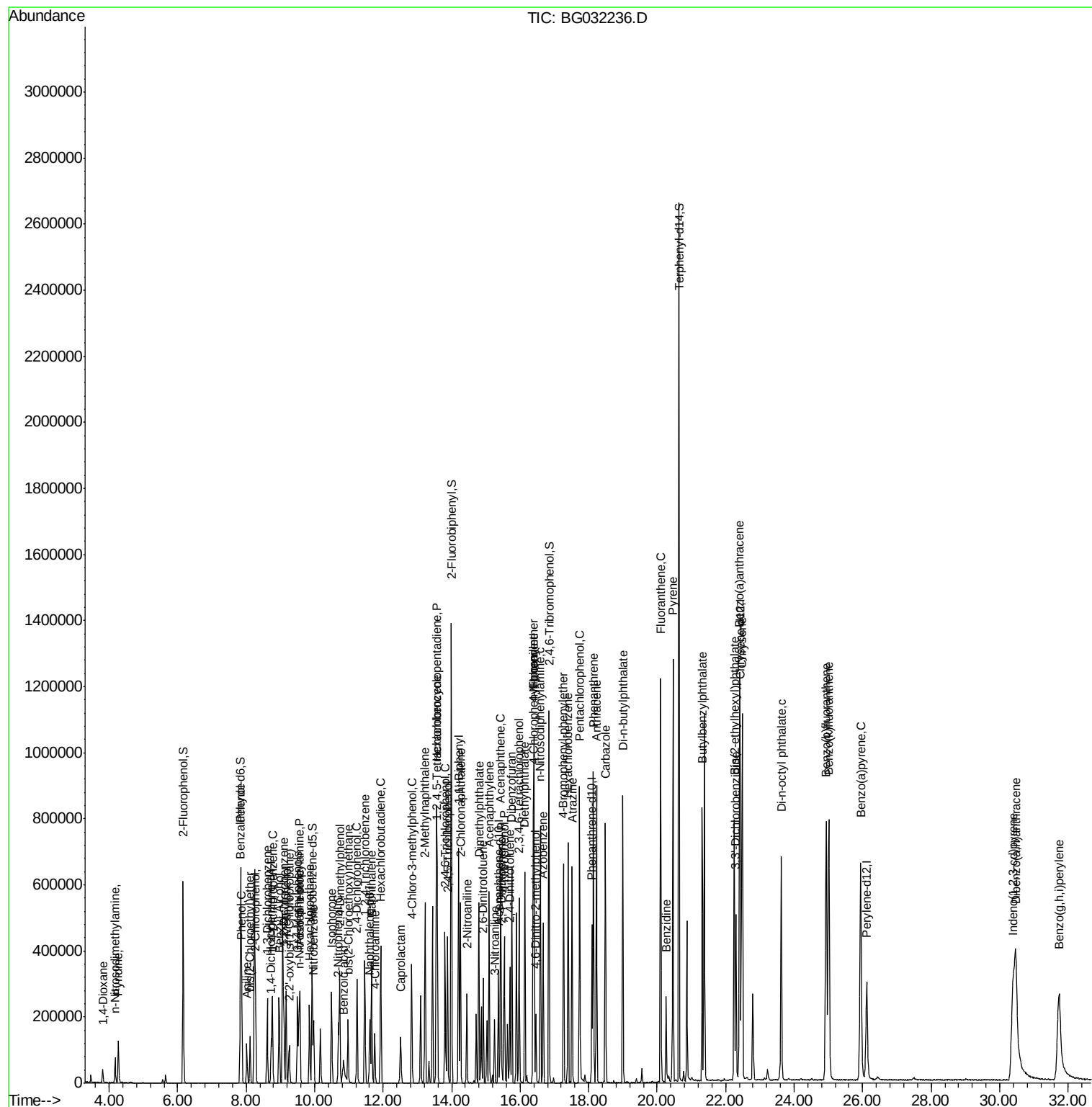
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42) 2,4,6-Trichlorophenol	13.81	196	136510	43.061	nq	99
43) 2,4,5-Trichlorophenol	13.88	196	148820	40.556	nq #	92
45) 1,1'-Biphenyl	14.20	154	407703	36.743	nq	95
46) 2-Chloronaphthalene	14.25	162	321490	37.243	nq	96
47) 2-Nitroaniline	14.44	65	73819	44.670	nq #	75
48) Acenaphthylene	15.09	152	466917	35.520	nq	100
49) Dimethylphthalate	14.80	163	421078	37.176	nq	99
50) 2,6-Dinitrotoluene	14.92	165	95860	40.774	nq #	71
51) Acenaphthene	15.43	154	338703	38.967	nq	98
52) 3-Nitroaniline	15.25	138	57007	26.847	nq #	72
53) 2,4-Dinitrophenol	15.45	184	73871	64.148	nq #	60
54) Dibenzofuran	15.76	168	501207	38.654	nq	100
55) 4-Nitrophenol	15.54	139	126473	81.728	nq #	78
56) 2,4-Dinitrotoluene	15.70	165	132426	41.837	nq #	68
57) Fluorene	16.40	166	401923	37.795	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.97	232	151964	44.767	nq #	85
59) Diethylphthalate	16.13	149	401060	36.524	nq	96
60) 4-Chlorophenyl-phenylether	16.38	204	264262	40.509	nq	90
61) 4-Nitroaniline	16.41	138	79512	39.035	nq	87
62) Azobenzene	16.67	77	262749	38.230	nq	88
64) 4,6-Dinitro-2-methylphenol	16.46	198	69441	34.751	nq #	72
65) n-Nitrosodiphenylamine	16.59	169	367753	37.144	nq	99
66) 4-Bromophenyl-phenylether	17.27	248	184001	39.635	nq	95
67) Hexachlorobenzene	17.40	284	186321	36.277	nq #	93
68) Atrazine	17.52	200	164829	39.587	nq	96
69) Pentachlorophenol	17.73	266	213449	65.018	nq	98
70) Phenanthrene	18.14	178	662378	36.462	nq	98
71) Anthracene	18.23	178	682480	37.667	nq	99
72) Carbazole	18.49	167	581338	36.986	nq	100
73) Di-n-butylphthalate	19.00	149	654435	35.236	nq	99
74) Fluoranthene	20.11	202	898232	39.492	nq	95
76) Benzidine	20.27	184	199870	19.576	nq	100
77) Pyrene	20.46	202	898789	35.017	nq	99
79) Butylbenzylphthalate	21.32	149	313020	34.038	nq #	74
80) Benzo(a)anthracene	22.41	228	972036	38.281	nq	99
81) 3,3'-Dichlorobenzidine	22.30	252	241356	25.445	nq #	97
82) Chrysene	22.48	228	905566	37.135	nq	98
83) Bis(2-ethylhexyl)phthalate	22.25	149	436906	32.398	nq #	95
84) Di-n-octyl phthalate	23.63	149	763345	35.640	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1155449	38.717	nq #	53
87) Benzo(b)fluoranthene	24.94	252	1020263	38.981	nq #	96
88) Benzo(k)fluoranthene	25.01	252	1039162	40.631	nq #	96
89) Benzo(a)pyrene	25.94	252	1010492	40.813	nq #	95
90) Dibenzo(a,h)anthracene	30.46	278	930106	38.984	nq #	94
91) Benzo(g,h,i)perylene	31.73	276	951534	39.020	nq #	90

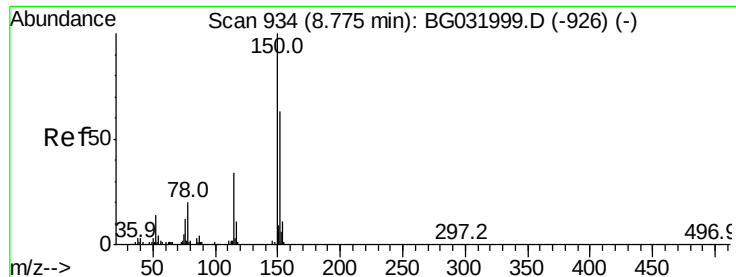
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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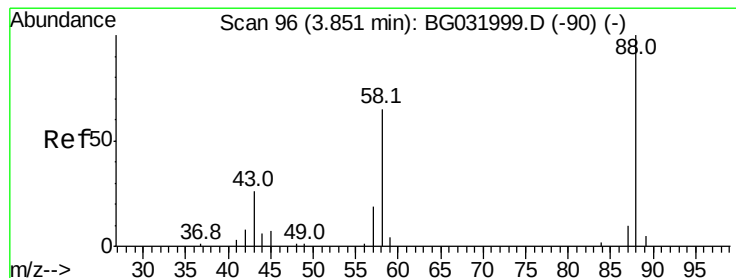
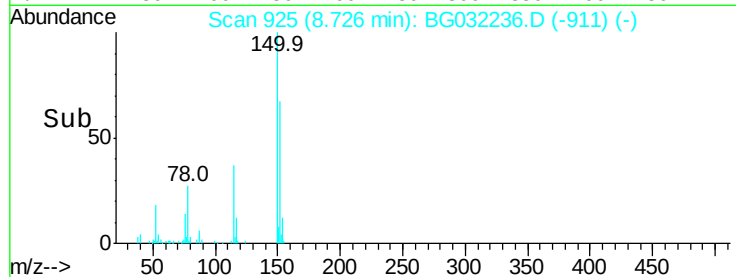
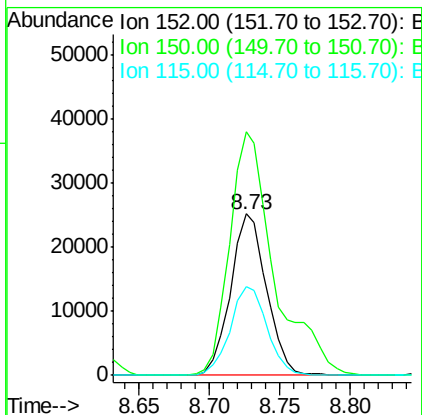
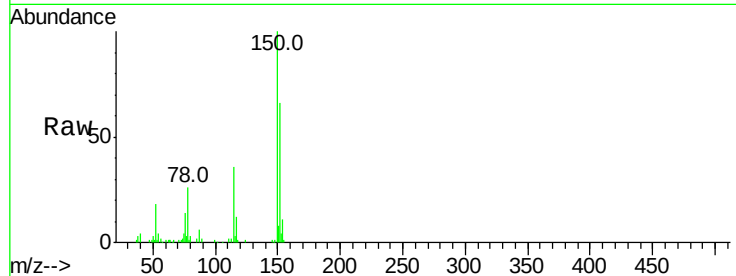


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.73 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Instrument :
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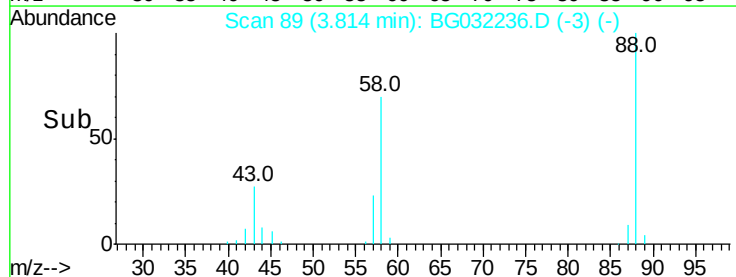
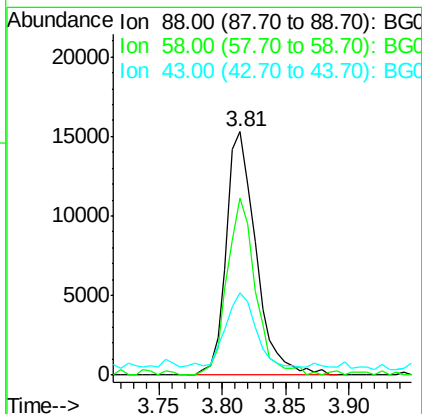
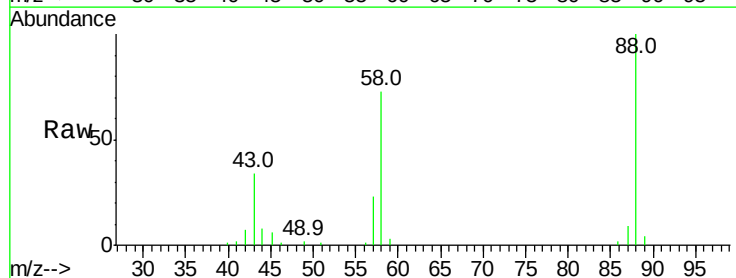
Tot Ion:152 Resp: 44616
Ion Ratio Lower Upper
152 100
150 150.9 126.6 189.8
115 54.6 53.0 79.4

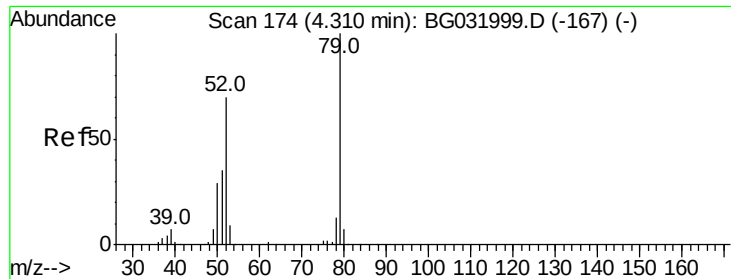


#2

1,4-Dioxane
Concen: 26.346 ng
RT: 3.81 min Scan# 89
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion: 88 Resp: 24691
Ion Ratio Lower Upper
88 100
58 69.9 79.6 119.4#
43 29.2 27.4 41.0





#3

Pvridine

Concen: 28.657 ng

RT: 4.27 min Scan# 166

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

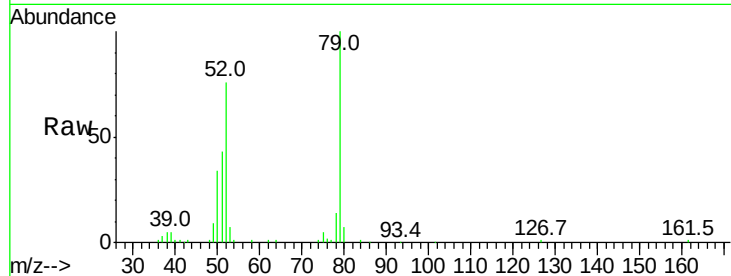
Tot Ion: 79 Resp: 71688

Ion Ratio Lower Upper

79 100

52 75.5 69.9 104.9

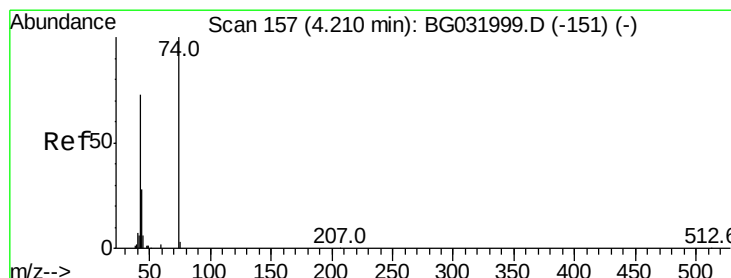
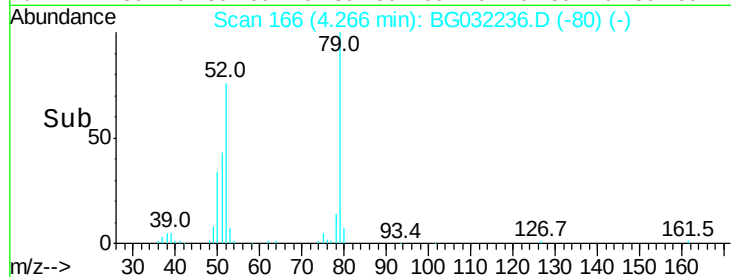
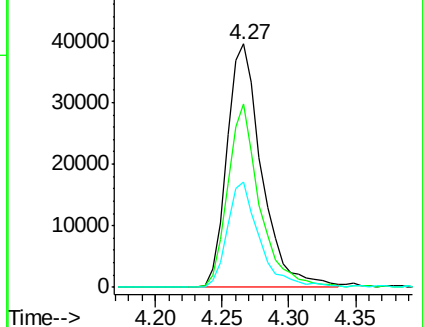
51 43.2 34.0 51.0



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 48.279 ng

RT: 4.17 min Scan# 150

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

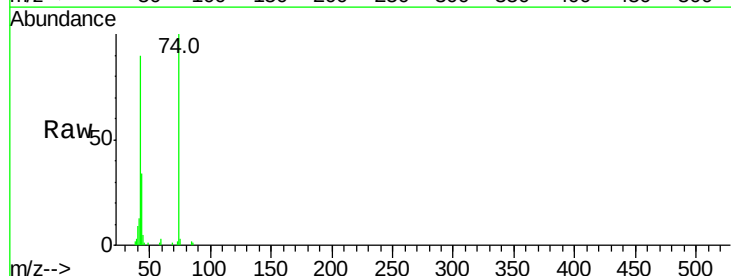
Tgt Ion: 42 Resp: 42430

Ion Ratio Lower Upper

42 100

74 110.8 102.5 153.7

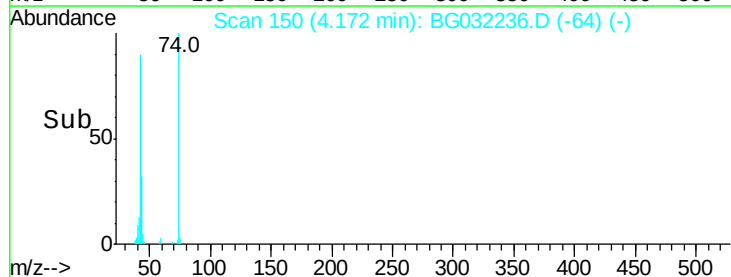
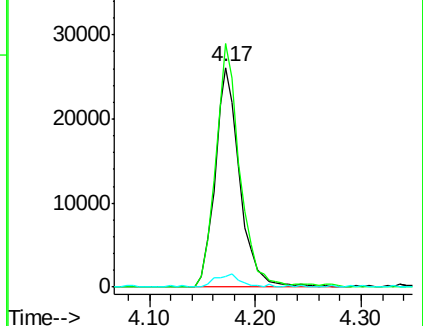
44 5.1 18.9 28.3#

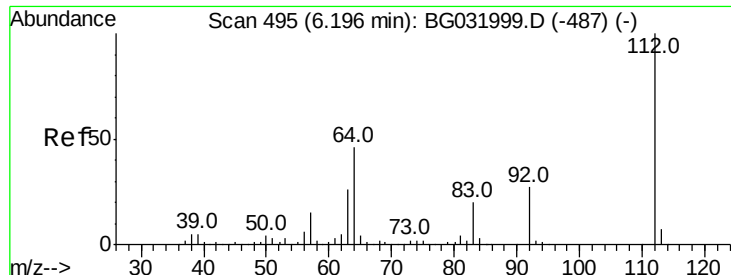


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 124.661 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.01 min

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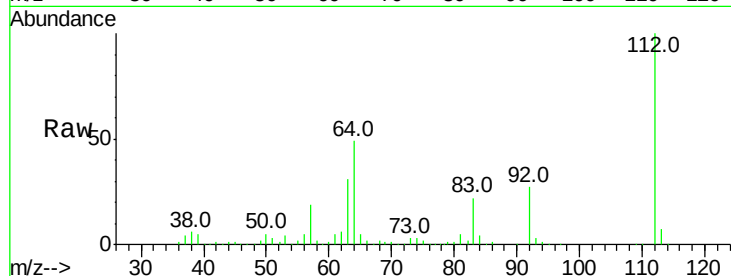
Tot Ion:112 Resp: 304106

Ion Ratio Lower Upper

112 100

64 49.4 56.3 84.5#

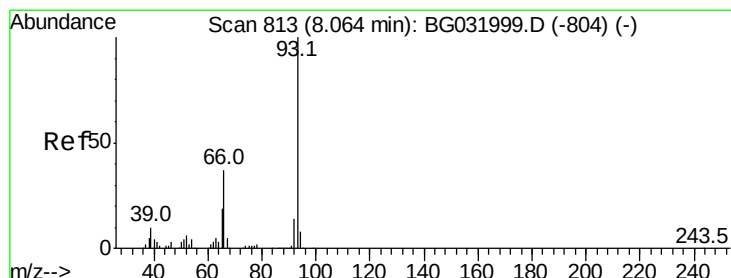
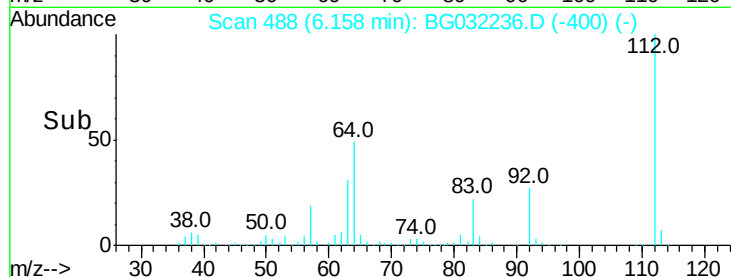
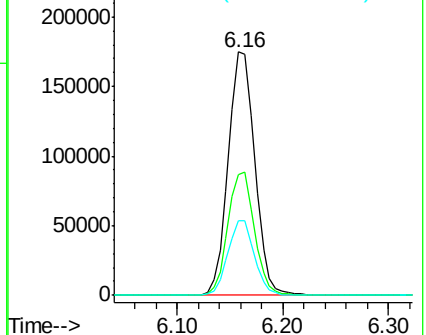
63 30.6 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 22.366 ng

RT: 8.02 min Scan# 805

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

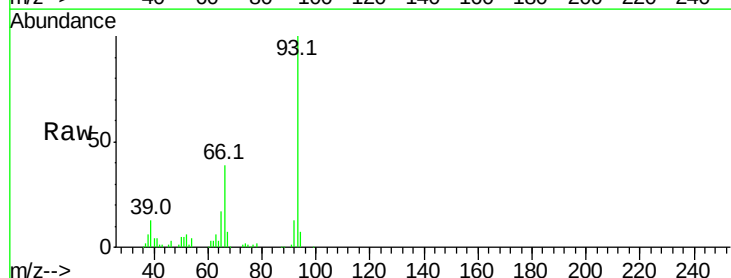
Tgt Ion: 93 Resp: 86674

Ion Ratio Lower Upper

93 100

66 38.7 33.7 50.5

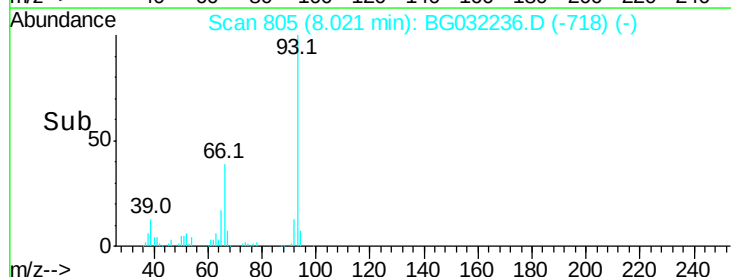
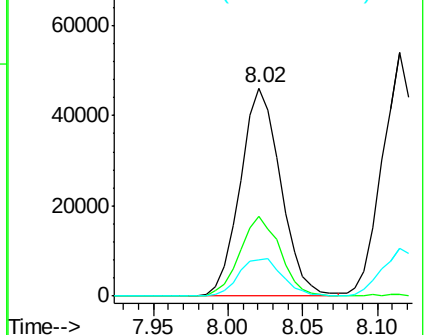
65 17.2 16.1 24.1

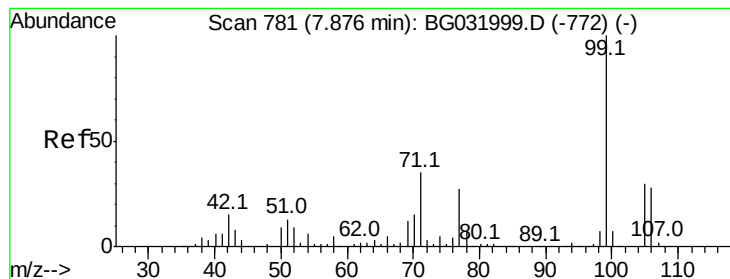


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 122.234 ng

RT: 7.84 min Scan# 775

Delta R.T. -0.00 min

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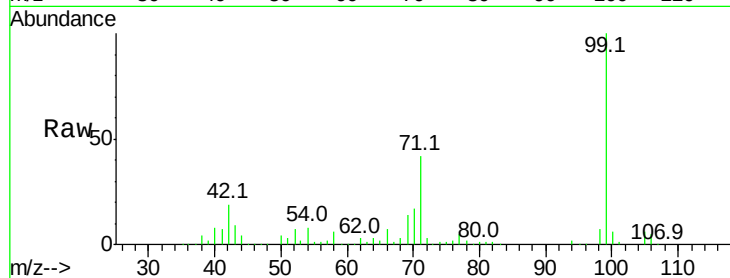
Tot Ion: 99 Resp: 375544

Ion Ratio Lower Upper

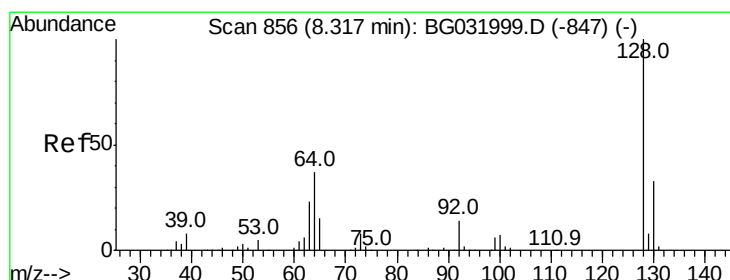
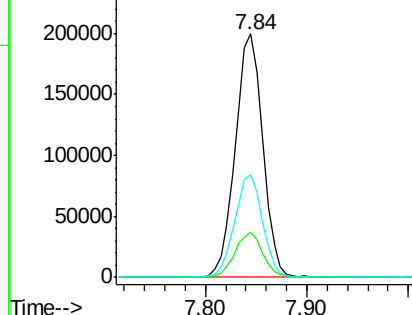
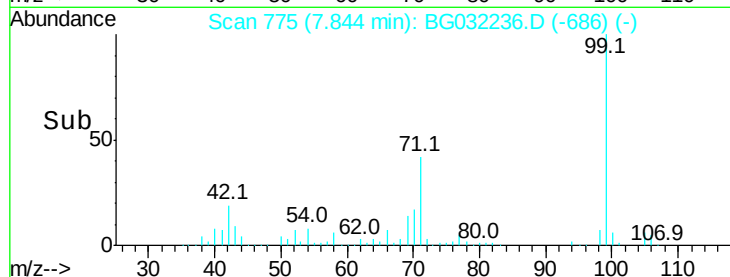
99 100

42 18.7 14.1 21.1

71 42.3 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: 41.719 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

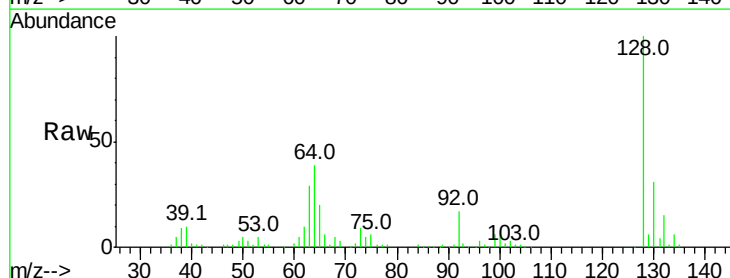
Tgt Ion:128 Resp: 113882

Ion Ratio Lower Upper

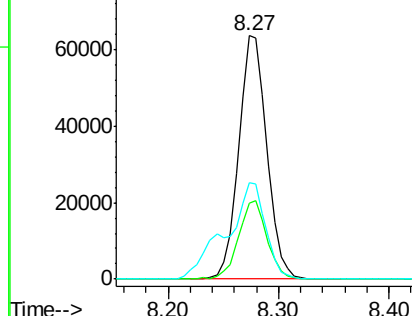
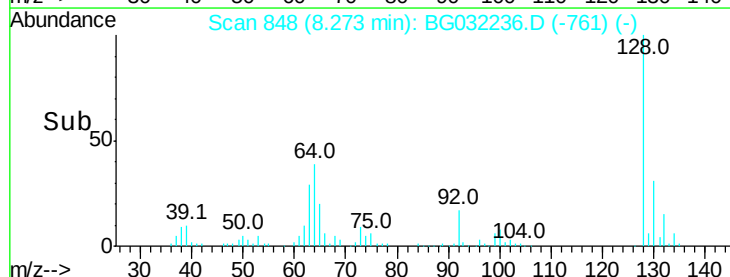
128 100

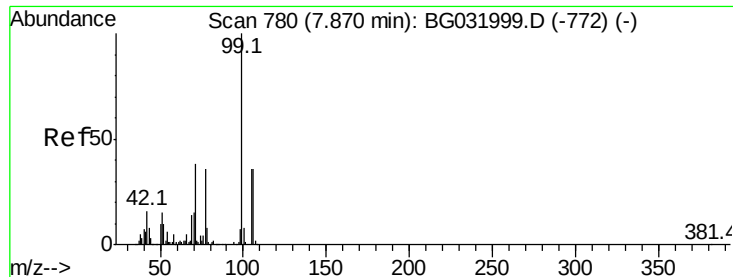
130 31.4 14.0 54.0

64 39.5 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: 29.056 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.02 min

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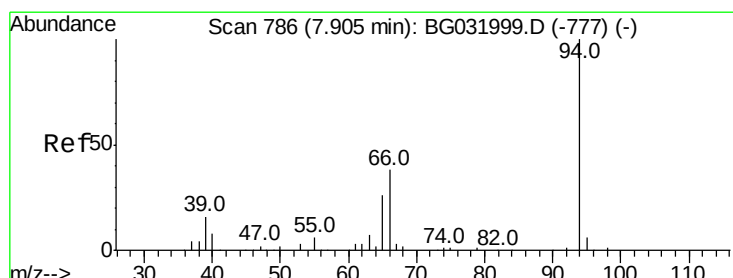
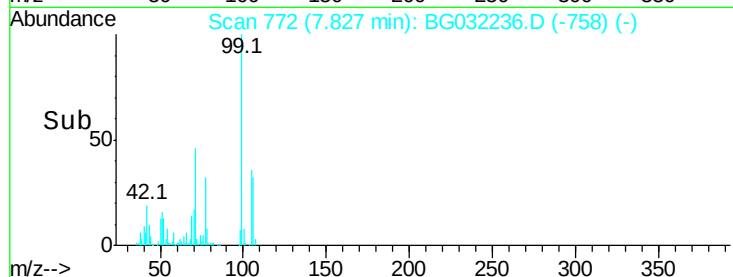
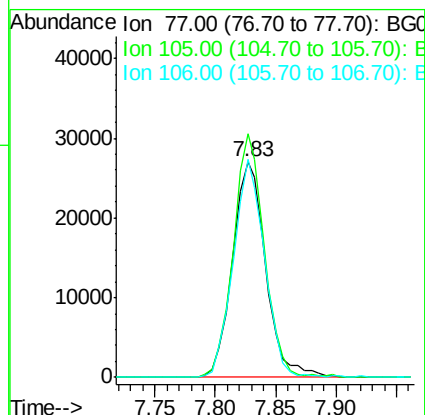
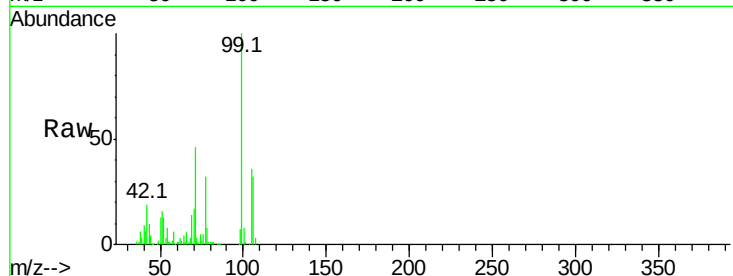
Tot Ion: 77 Resp: 51722

Ion Ratio Lower Upper

77 100

105 112.8 71.3 111.3#

106 101.2 64.2 104.2



#10

Phenol

Concen: 41.650 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

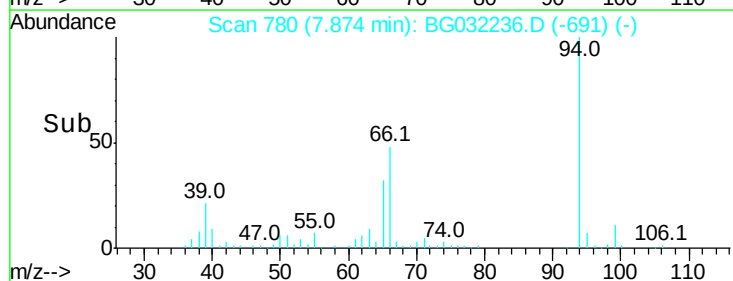
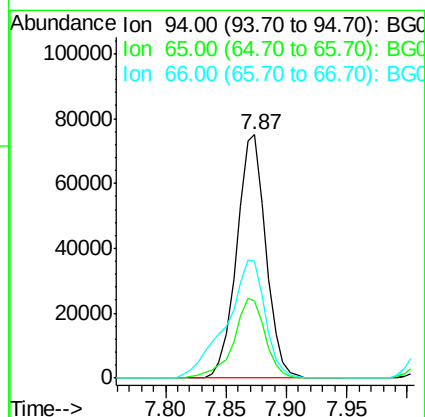
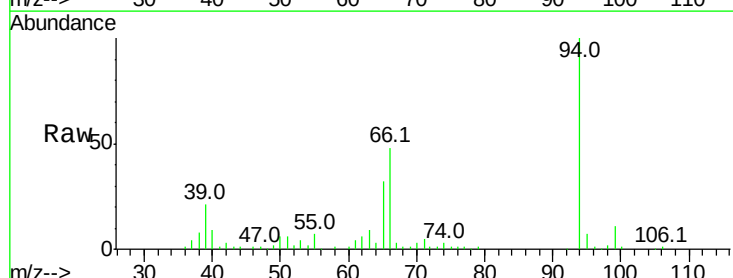
Tgt Ion: 94 Resp: 126053

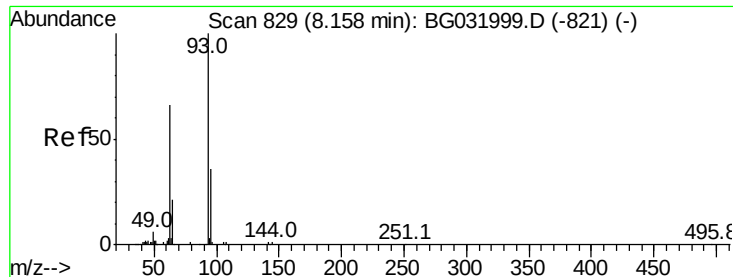
Ion Ratio Lower Upper

94 100

65 31.8 11.9 51.9

66 47.9 22.2 62.2





#11

bis(2-Chloroethyl)ether

Concen: 34.871 ng

RT: 8.11 min Scan# 821

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

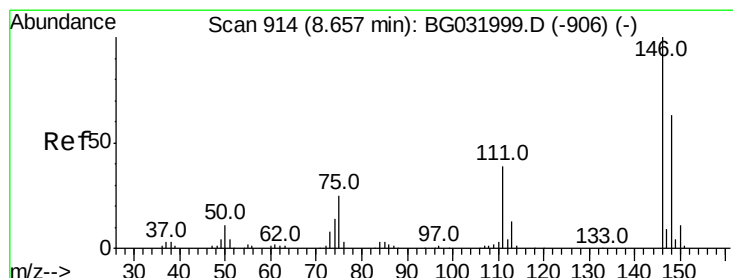
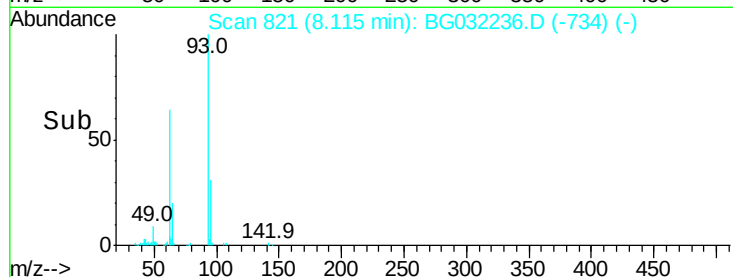
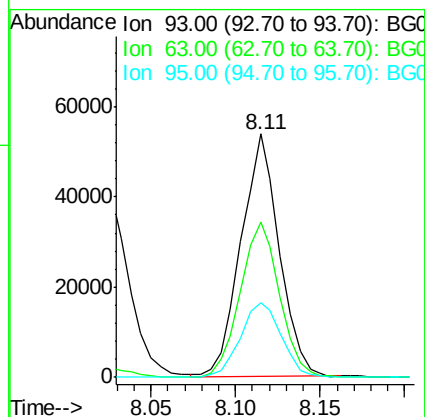
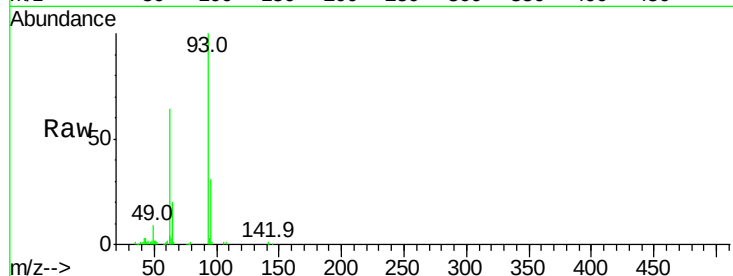
Tot Ion: 93 Resp: 84551

Ion Ratio Lower Upper

93 100

63 63.6 67.1 107.1#

95 30.7 11.5 51.5



#12

1,3-Dichlorobenzene

Concen: 35.224 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

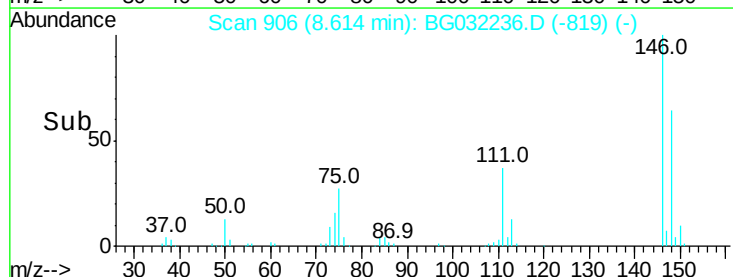
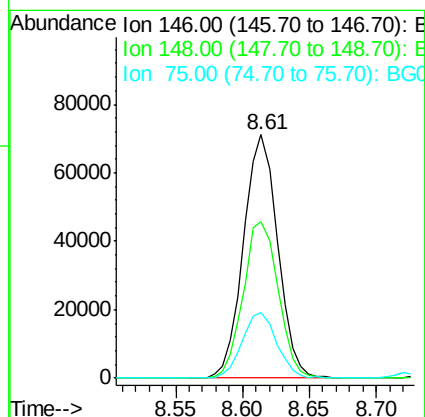
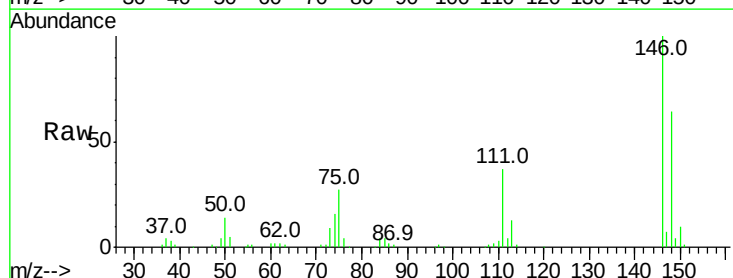
Tgt Ion: 146 Resp: 125842

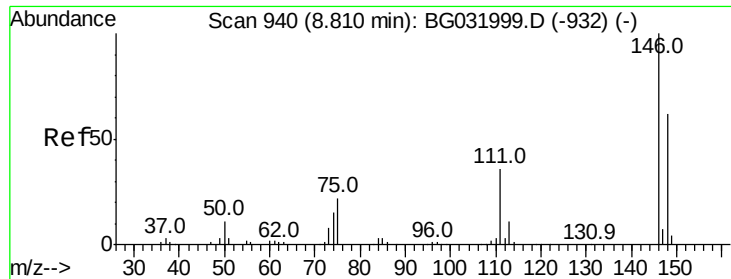
Ion Ratio Lower Upper

146 100

148 64.3 51.4 77.2

75 27.2 26.6 39.8

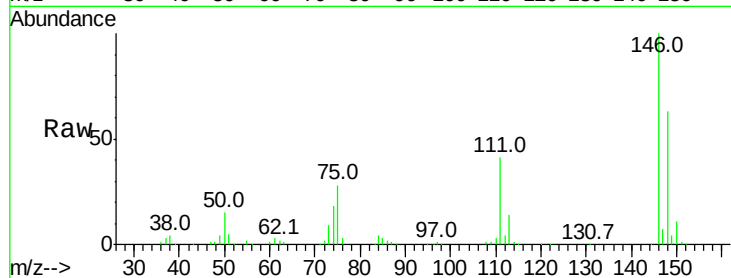




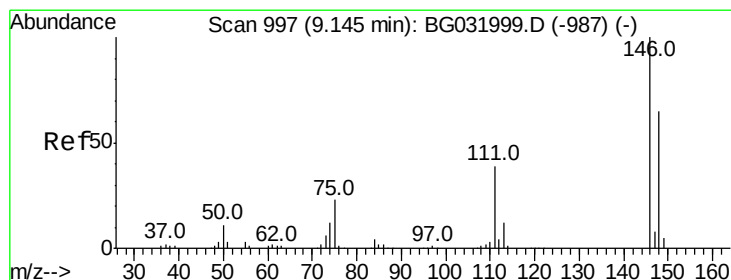
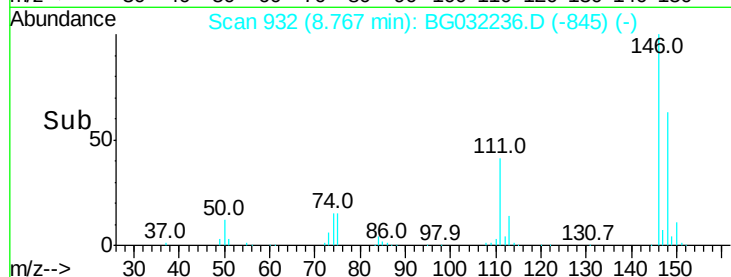
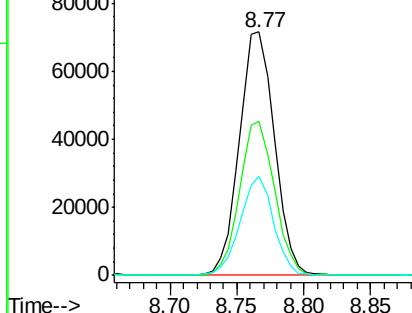
#13
 1,4-Dichlorobenzene
 Concen: 36.301 ng
 RT: 8.77 min Scan# 932
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion:146 Resp: 130583
 Ion Ratio Lower Upper
 146 100
 148 63.4 53.7 80.5
 111 40.9 35.2 52.8

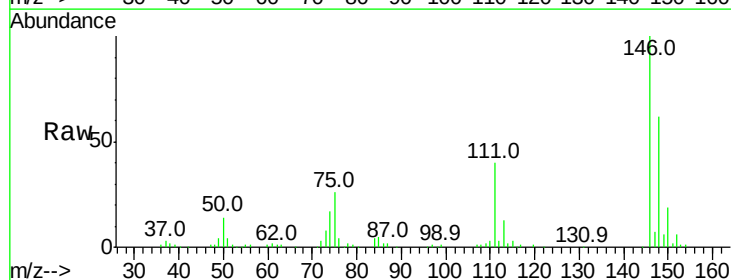


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

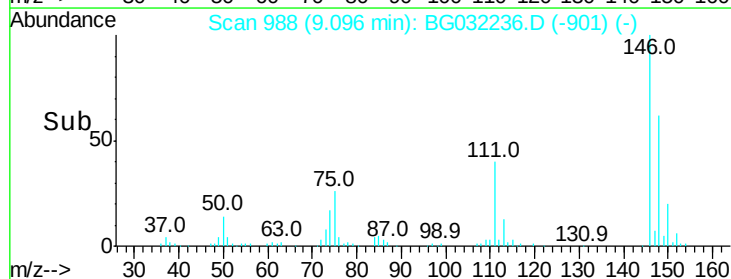
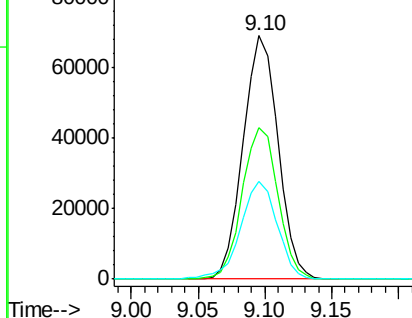


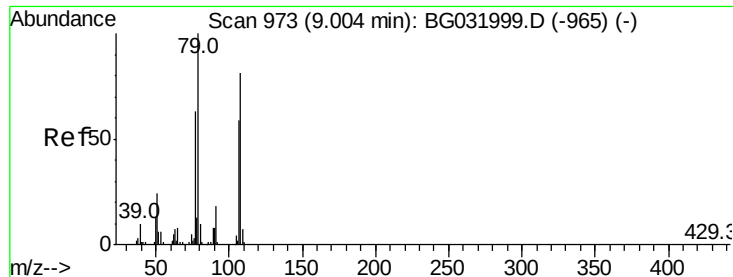
#14
 1,2-Dichlorobenzene
 Concen: 35.909 ng
 RT: 9.10 min Scan# 988
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:146 Resp: 124936
 Ion Ratio Lower Upper
 146 100
 148 62.4 49.3 73.9
 111 40.1 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 43.842 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

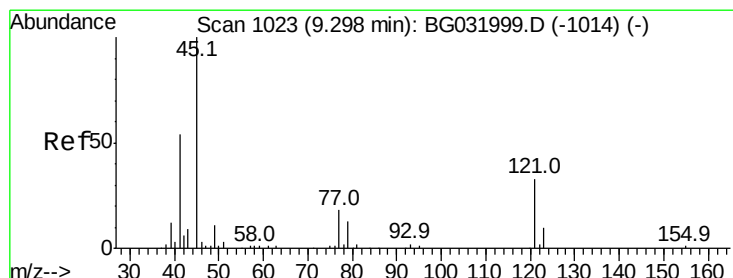
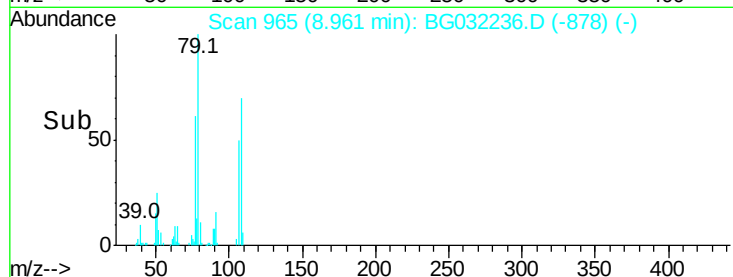
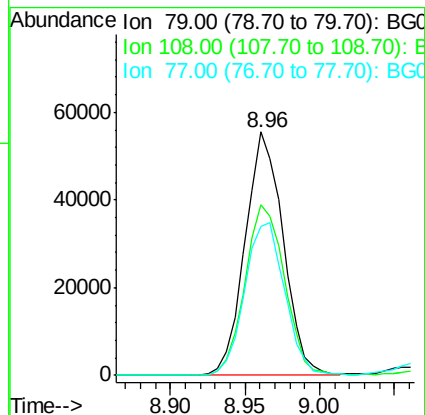
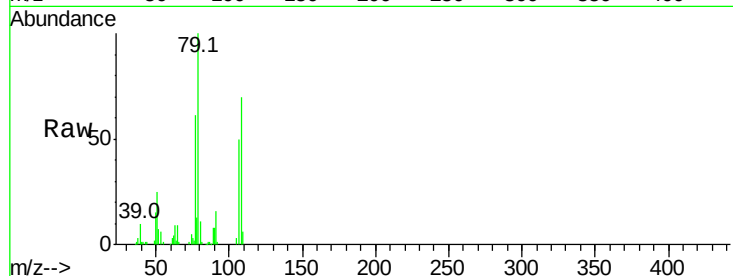
Tot Ion: 79 Resp: 97853

Ion Ratio Lower Upper

79 100

108 69.9 57.2 85.8

77 61.3 46.1 69.1



#16

2,2'-oxybis(1-chloropropane)

Concen: 33.619 ng

RT: 9.25 min Scan# 1014

Delta R.T. -0.03 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

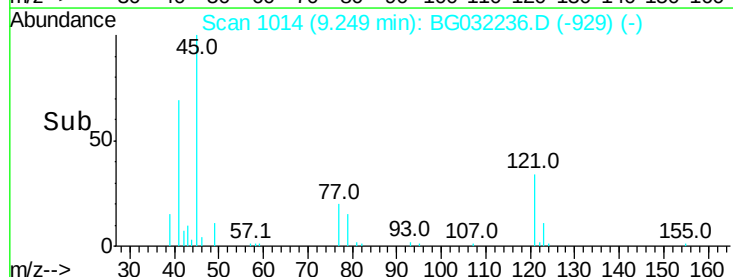
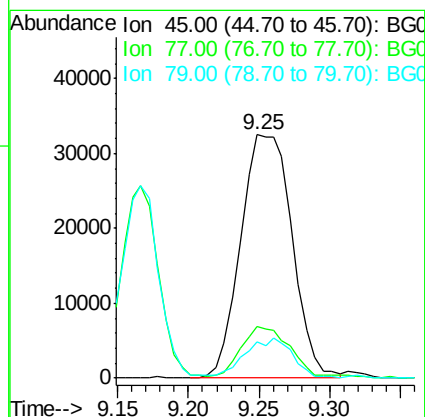
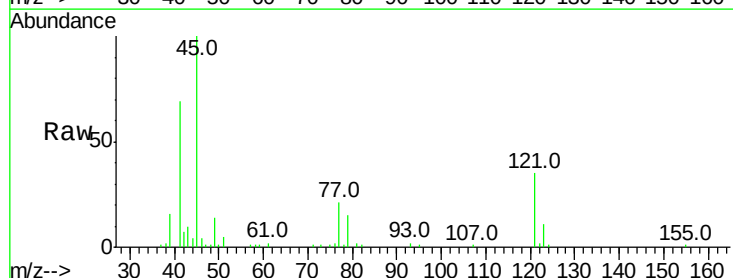
Tgt Ion: 45 Resp: 82842

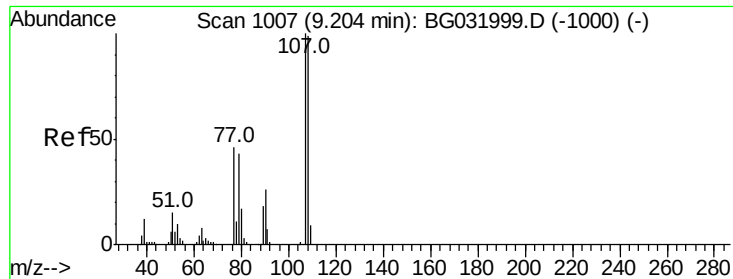
Ion Ratio Lower Upper

45 100

77 21.0 0.0 30.2

79 15.1 0.0 27.9

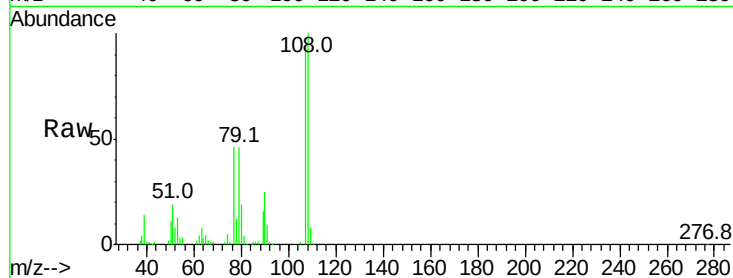




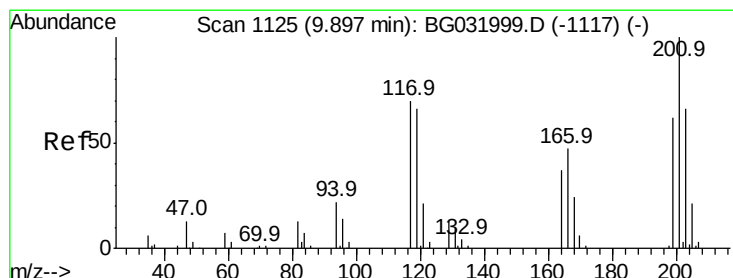
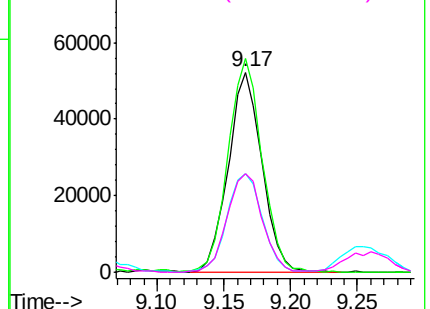
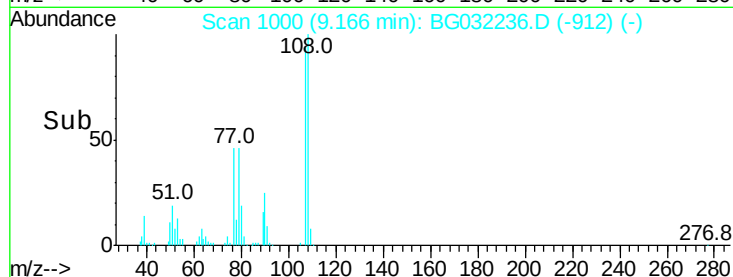
#17
2-Methylphenol
Concen: 39.835 ng
RT: 9.17 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB105889BSD

Tot Ion:107 Resp: 92136
Ion Ratio Lower Upper
107 100
108 106.8 83.9 125.9
77 49.3 37.2 55.8
79 49.3 36.2 54.2

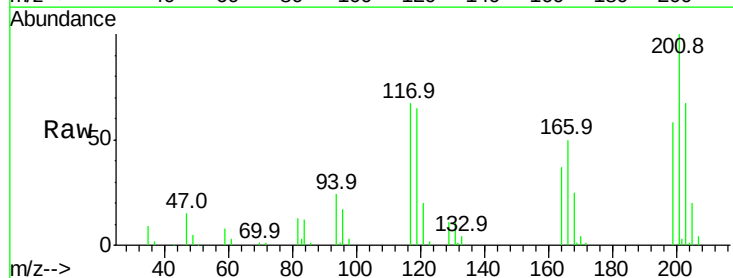


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

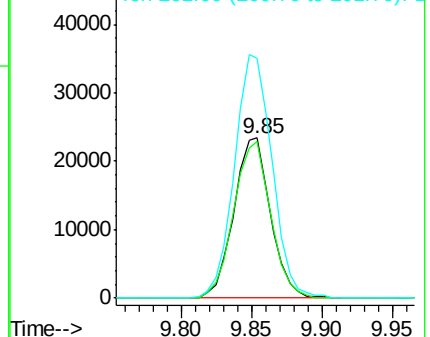
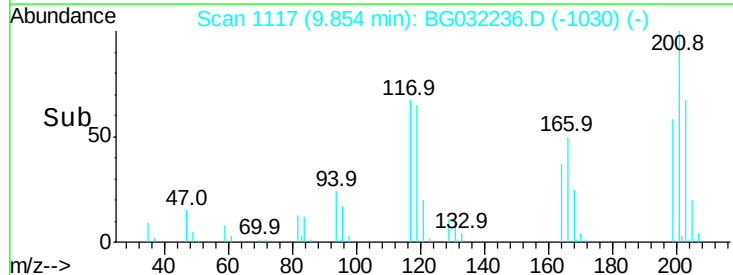


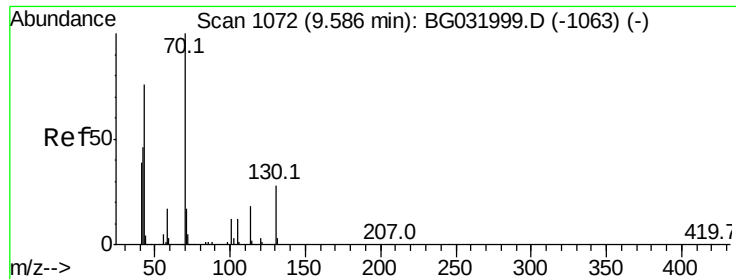
#18
Hexachloroethane
Concen: 38.291 ng
RT: 9.85 min Scan# 1117
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:117 Resp: 42332
Ion Ratio Lower Upper
117 100
119 97.5 76.7 115.1
201 149.3 95.7 143.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

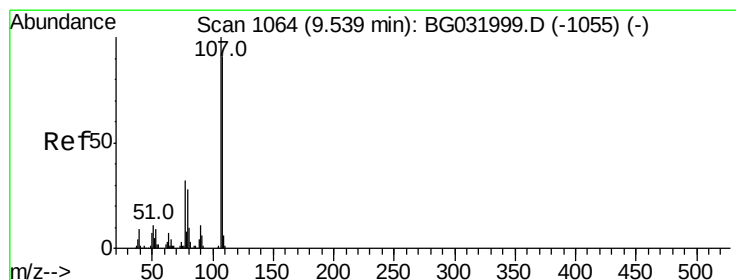
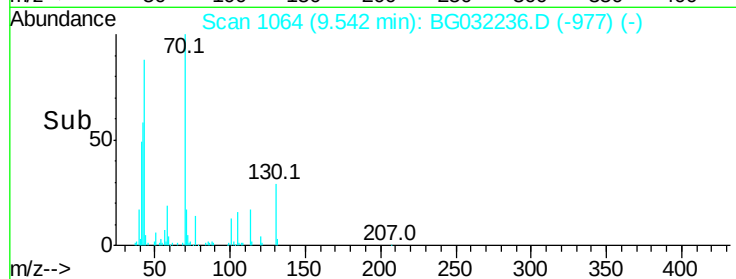
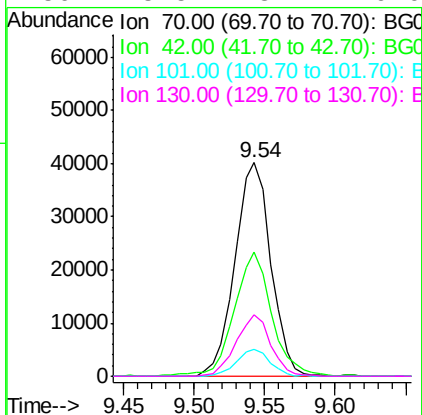
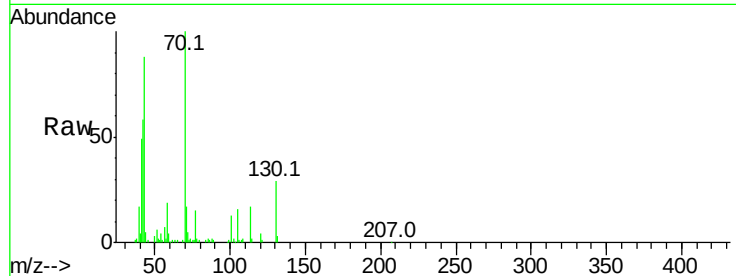




#19
n-Nitroso-di-n-propylamine
Concen: 37.478 ng
RT: 9.54 min Scan# 1064
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

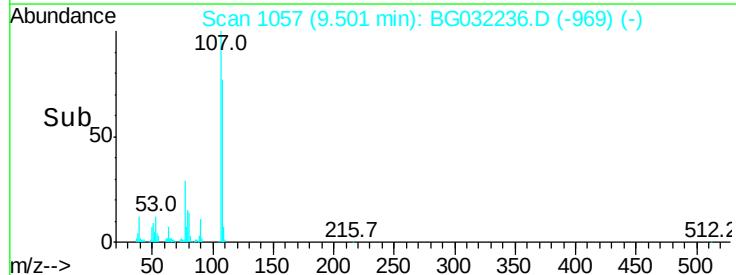
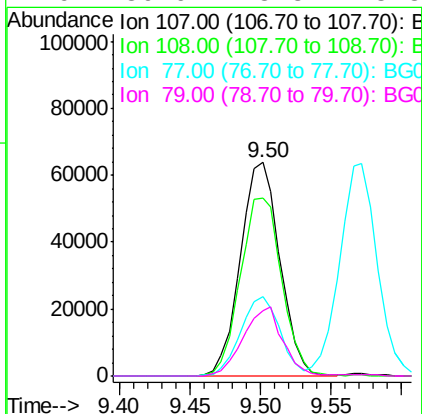
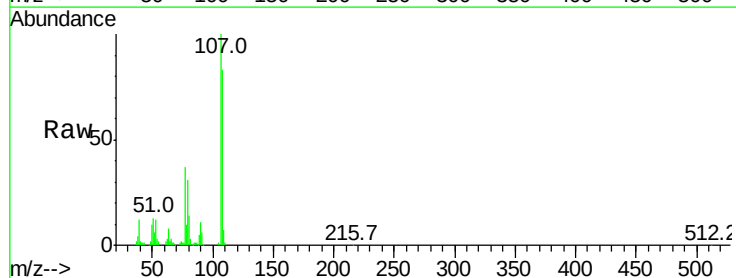
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

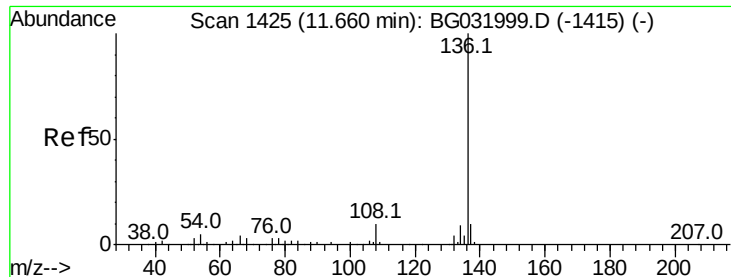
Tot Ion: 70 Resp: 71443
Ion Ratio Lower Upper
70 100
42 58.4 49.1 73.7
101 12.9 8.5 12.7#
130 28.5 13.4 20.0#



#20
3+4-Methylphenols
Concen: 39.130 ng
RT: 9.50 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion: 107 Resp: 125378
Ion Ratio Lower Upper
107 100
108 83.3 61.6 101.6
77 37.2 13.9 53.9
79 30.9 8.8 48.8

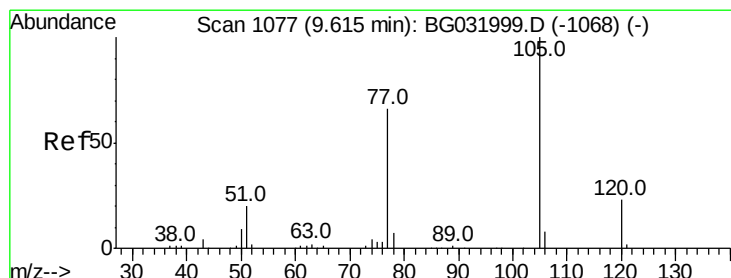
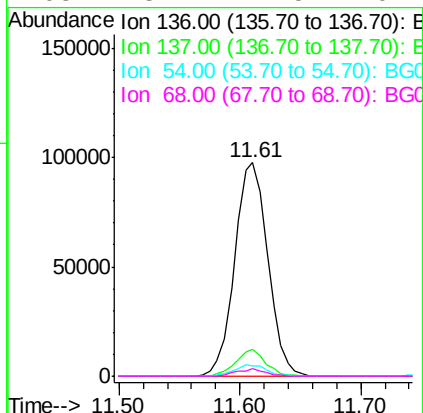
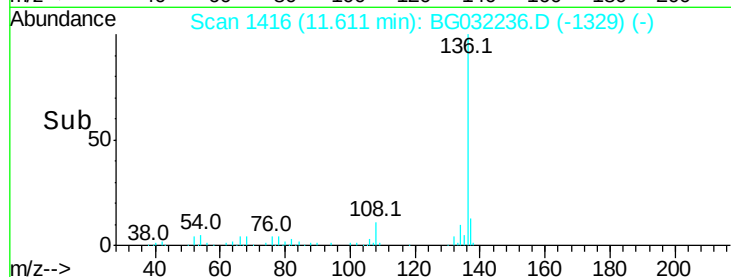
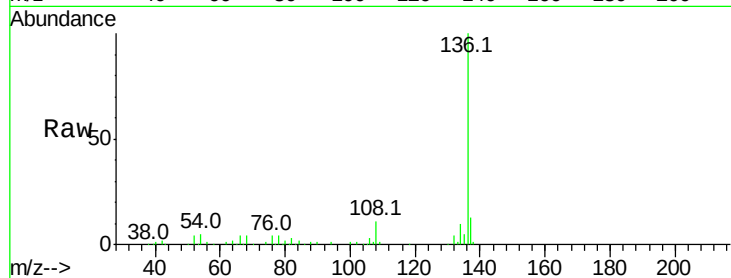




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

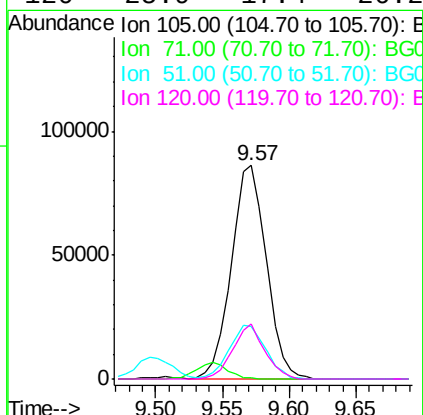
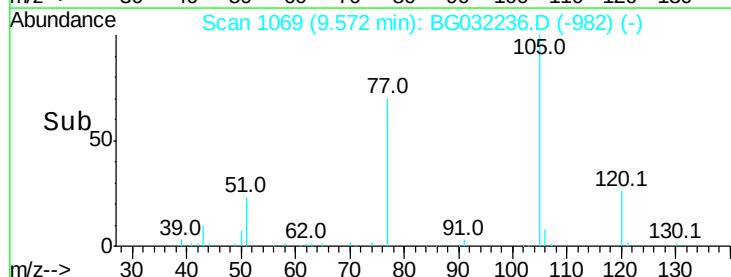
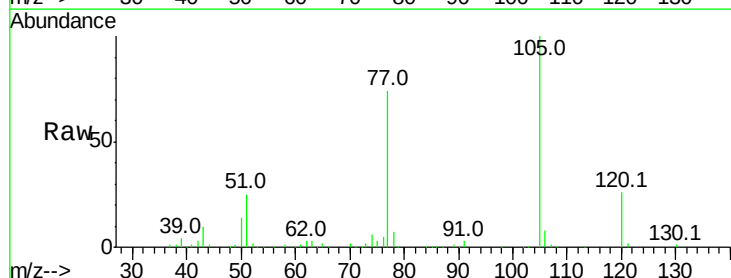
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

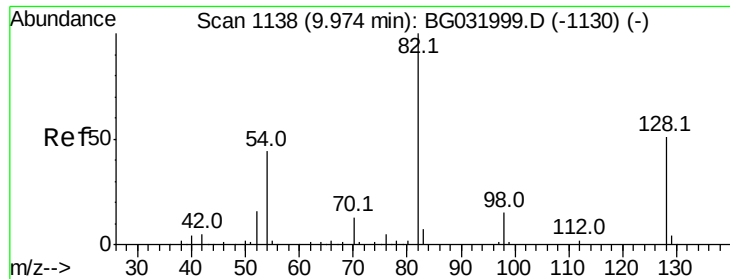
Tot Ion:136	Resp:	186693
Ion Ratio	Lower	Upper
136	100	
137	12.5	9.2 13.8
54	5.0	10.3 15.5#
68	3.7	4.5 6.7#



#22
Acetophenone
Concen: 36.969 ng
RT: 9.57 min Scan# 1069
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:105	Resp:	156775
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	24.7	26.1 39.1#
120	25.9	17.4 26.2

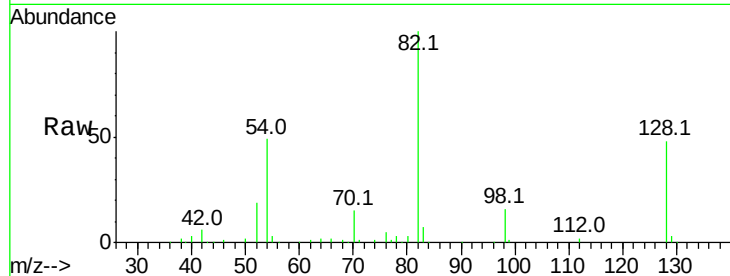




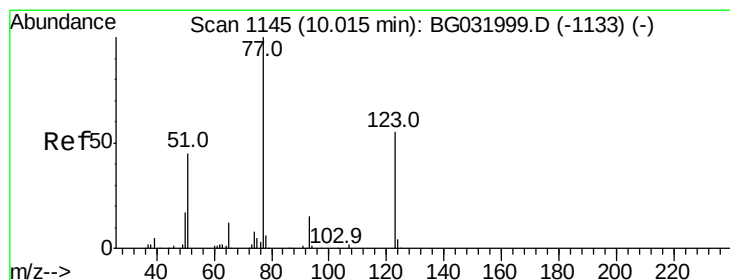
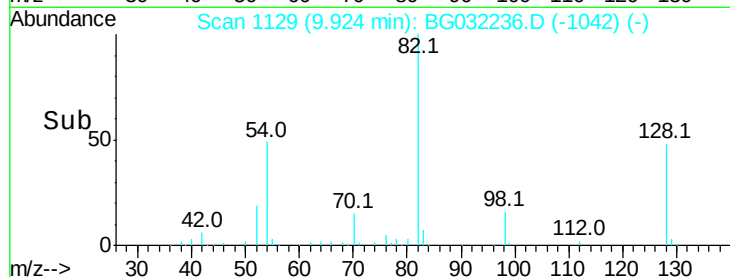
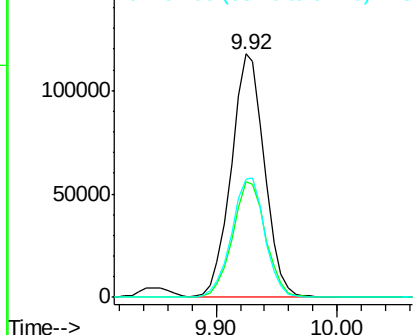
#23
 Nitrobenzene-d5
 Concen: 81.473 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion: 82 Resp: 224826
 Ion Ratio Lower Upper
 82 100
 128 47.7 29.7 44.5#
 54 48.5 43.1 64.7

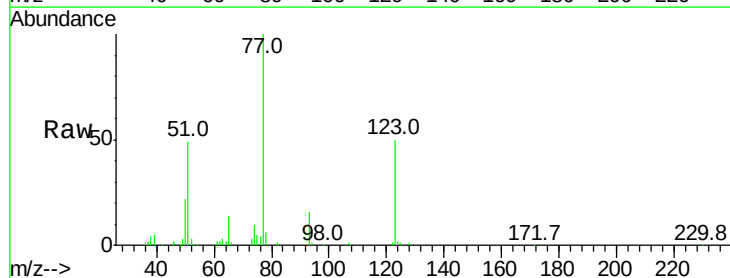


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

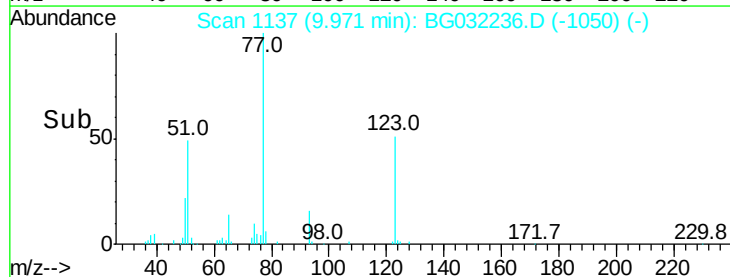
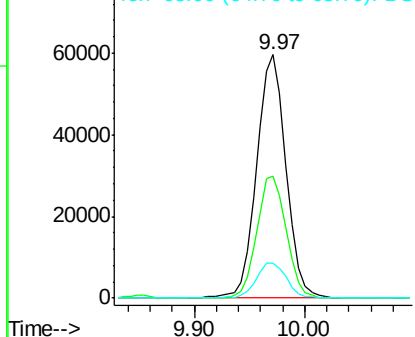


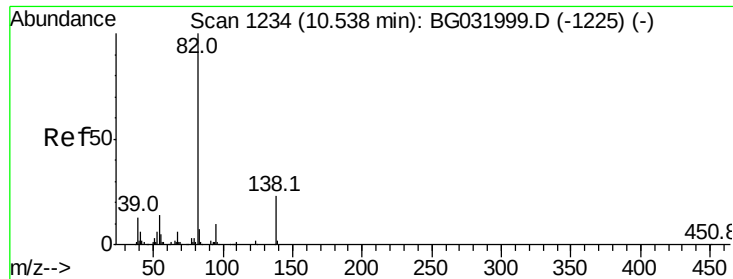
#24
 Nitrobenzene
 Concen: 40.261 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion: 77 Resp: 110820
 Ion Ratio Lower Upper
 77 100
 123 50.2 33.0 49.6#
 65 14.2 13.0 19.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.723 ng

RT: 10.49 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

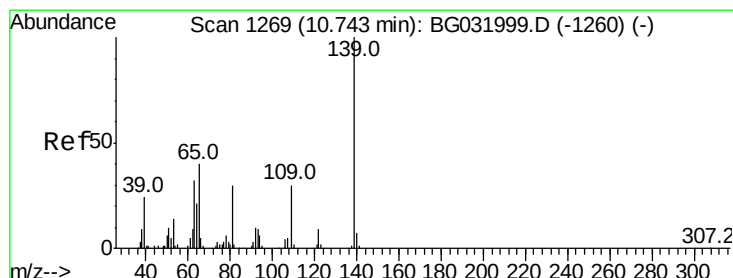
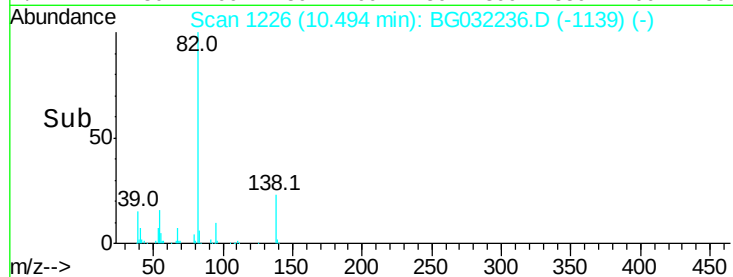
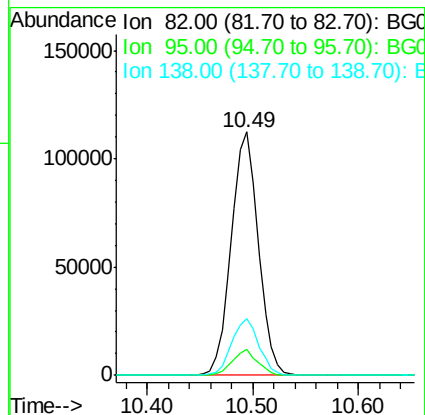
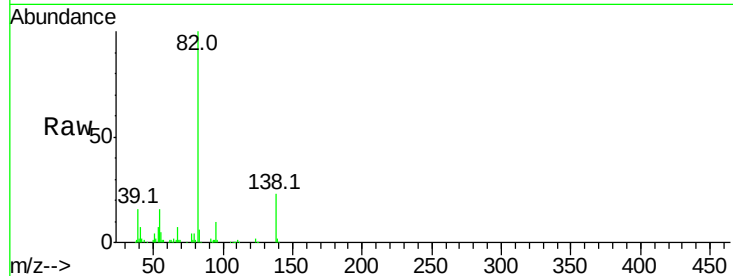
Tot Ion: 82 Resp: 198973

Ion Ratio Lower Upper

82 100

95 10.5 6.2 9.2#

138 23.2 12.1 18.1#



#26

2-Nitrophenol

Concen: 41.809 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

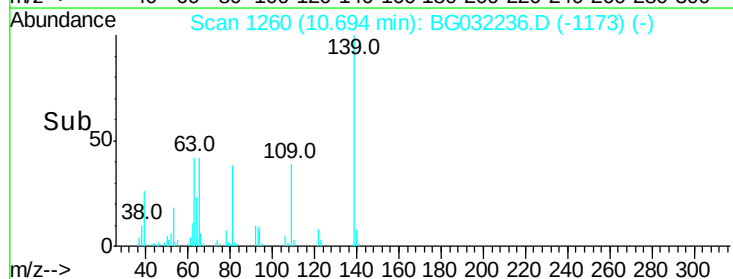
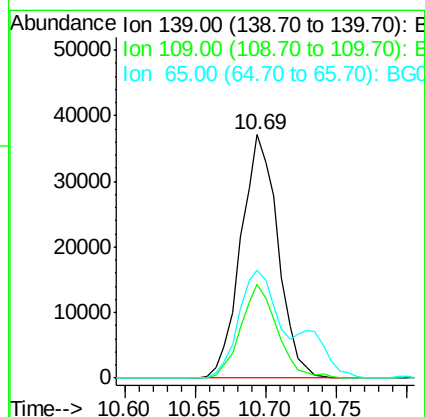
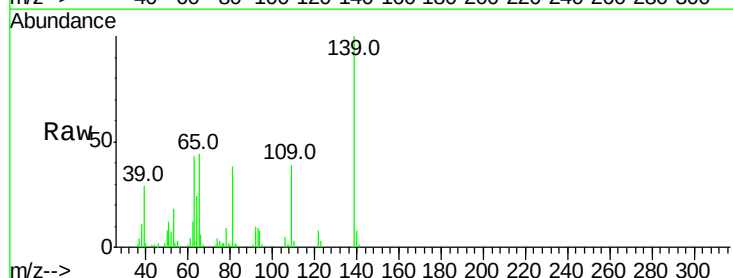
Tgt Ion: 139 Resp: 68189

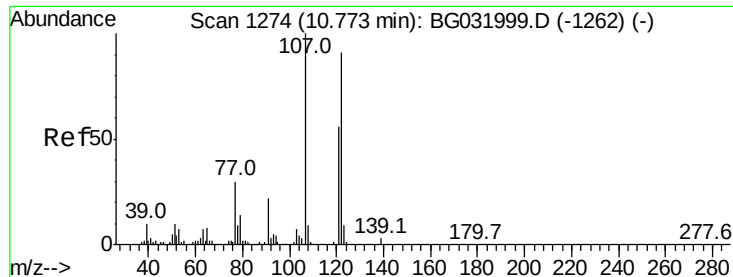
Ion Ratio Lower Upper

139 100

109 38.8 24.2 36.2#

65 44.1 47.4 71.0#

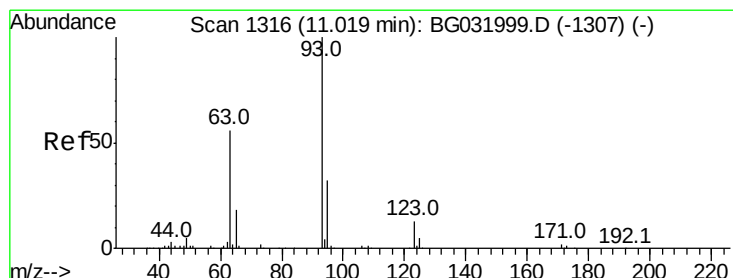
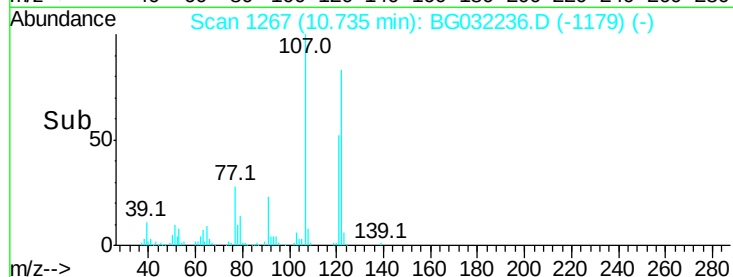
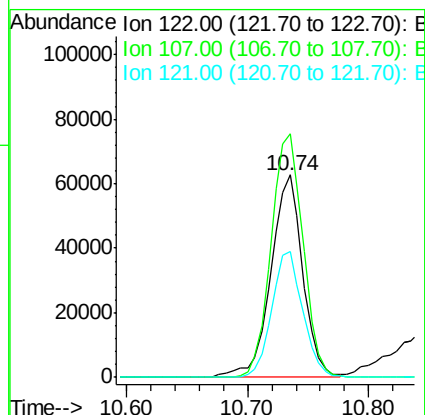
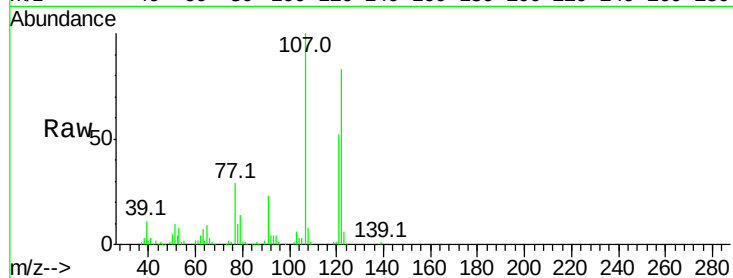




#27
2,4-Dimethylphenol
Concen: 44.261 ng
RT: 10.74 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

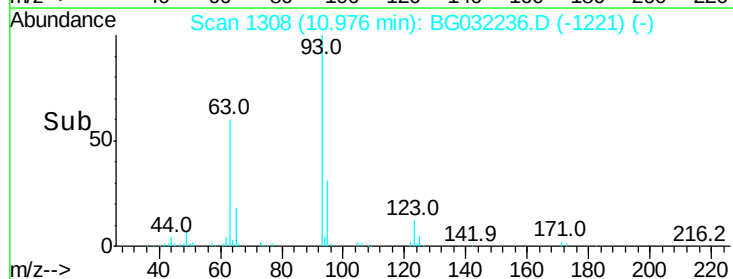
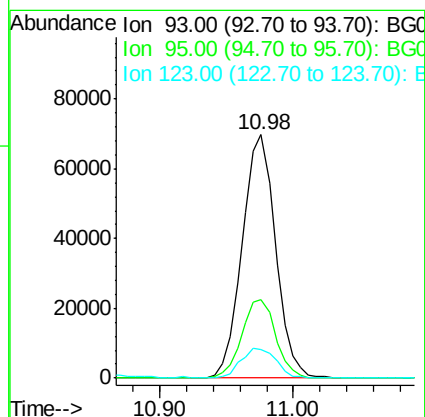
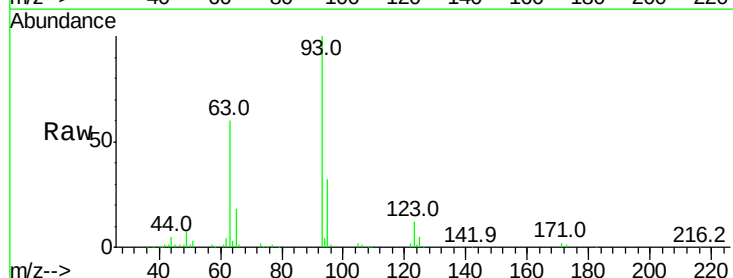
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

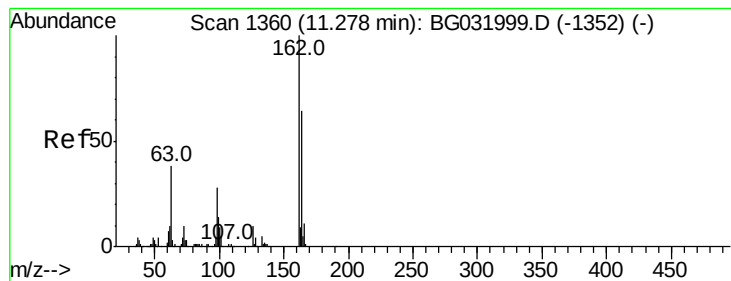
Tot Ion:122 Resp: 114556
Ion Ratio Lower Upper
122 100
107 120.4 100.2 150.2
121 62.5 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 38.844 ng
RT: 10.98 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion: 93 Resp: 120254
Ion Ratio Lower Upper
93 100
95 32.4 24.3 36.5
123 11.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 45.280 ng

RT: 11.23 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

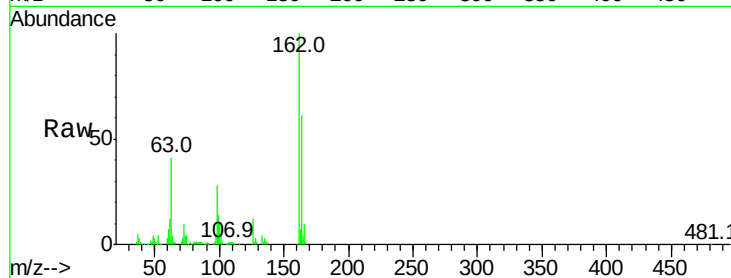
Tot Ion:162 Resp: 144203

Ion Ratio Lower Upper

162 100

164 61.0 48.0 88.0

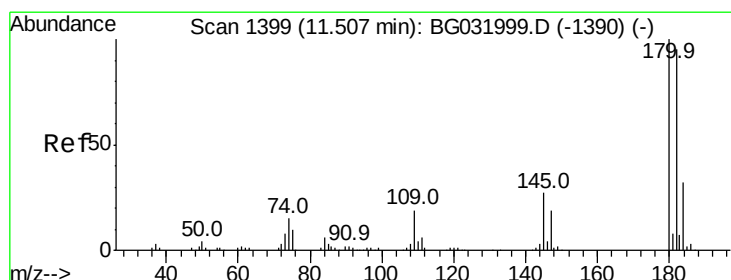
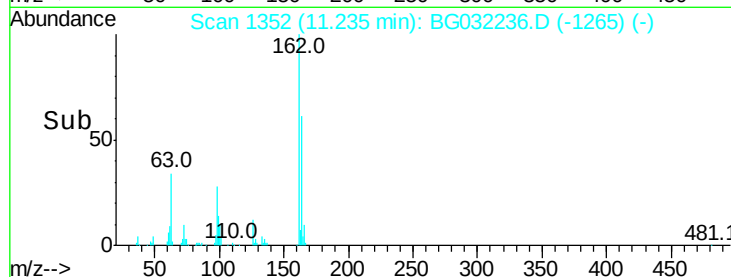
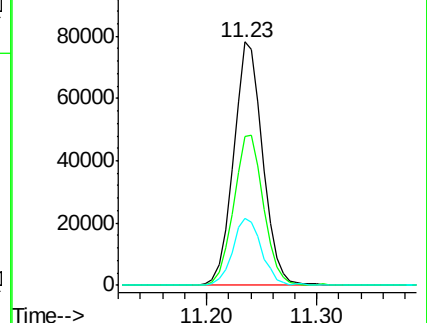
98 27.7 21.1 61.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 38.284 ng

RT: 11.46 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

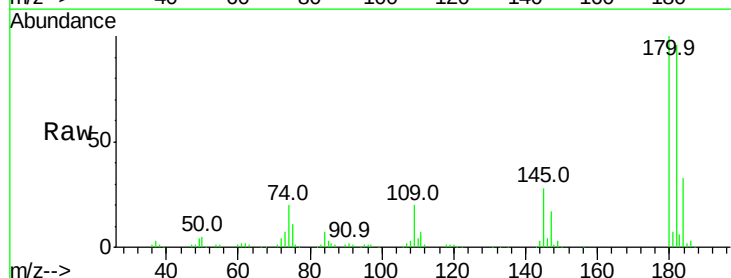
Tgt Ion:180 Resp: 157459

Ion Ratio Lower Upper

180 100

182 95.9 77.5 116.3

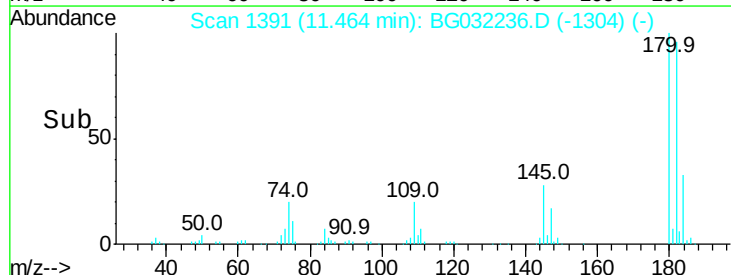
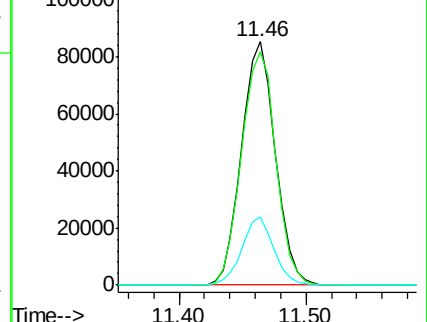
145 28.0 23.4 35.2

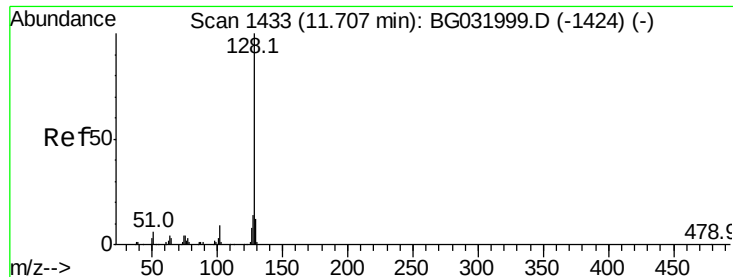


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

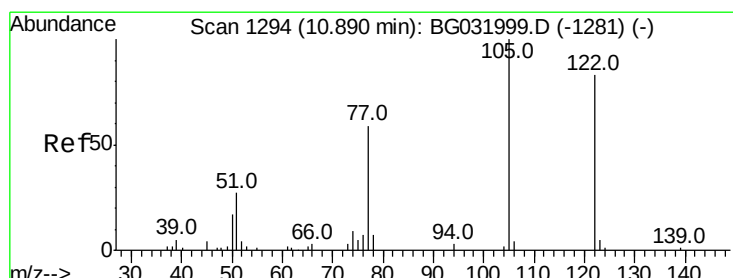
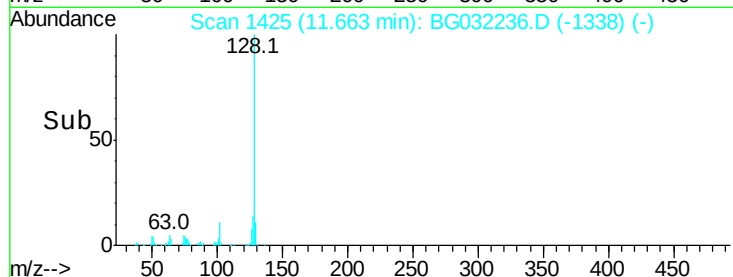
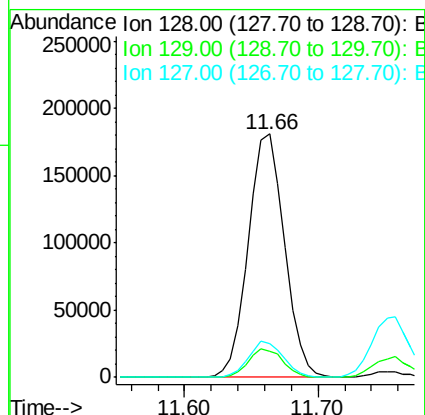
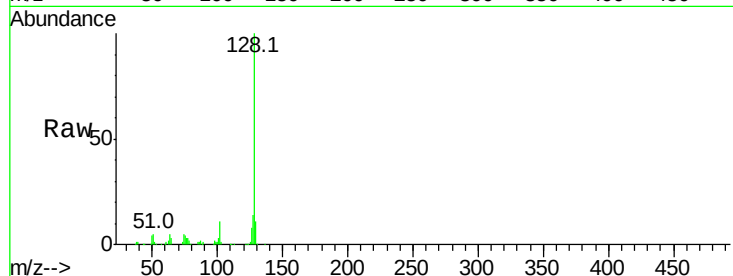




#31
Naphthalene
Concen: 36.628 ng
RT: 11.66 min Scan# 1425
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

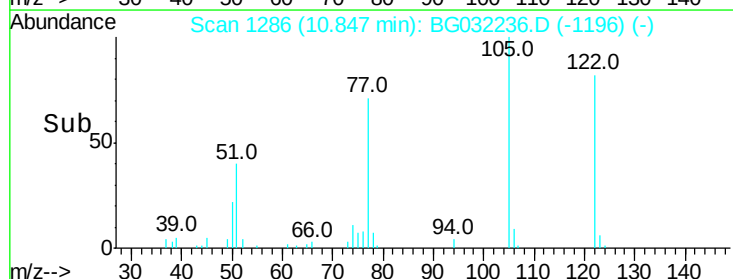
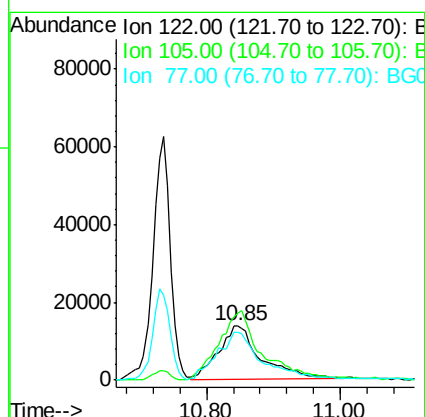
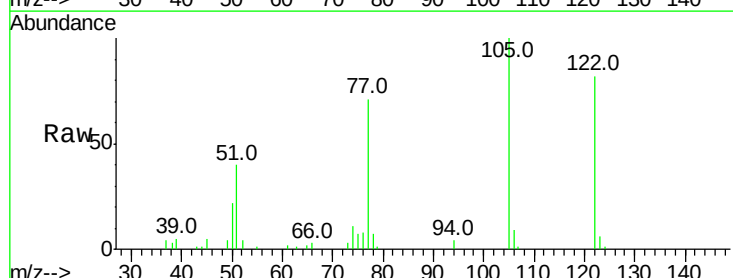
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

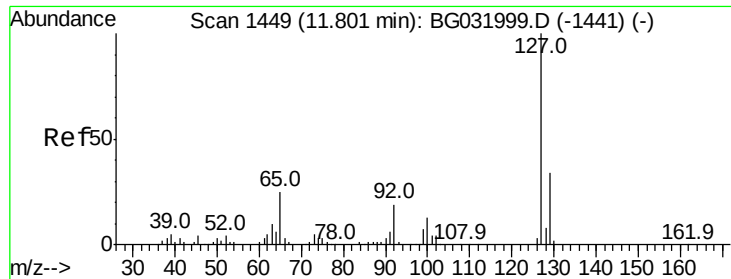
Tot Ion:128 Resp: 338744
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 11.6 17.4



#32
Benzoic acid
Concen: 31.367 ng
RT: 10.85 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:122 Resp: 60878
Ion Ratio Lower Upper
122 100
105 122.3 123.5 163.5#
77 86.6 85.7 125.7

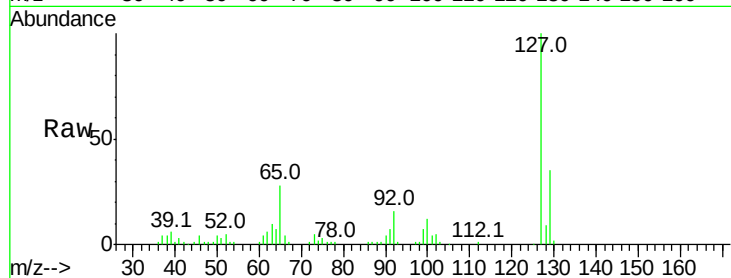




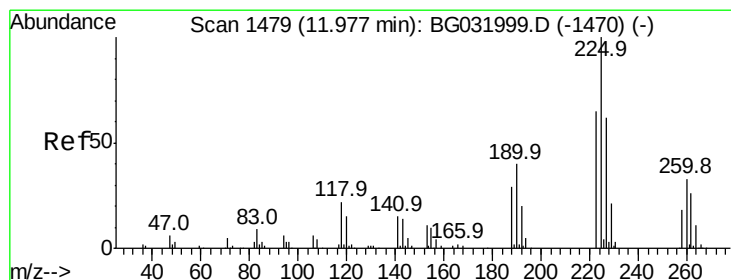
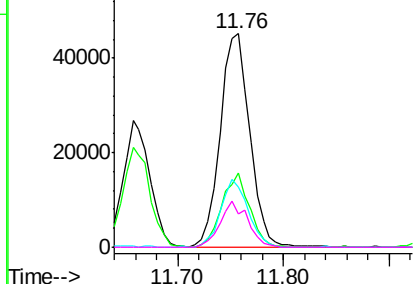
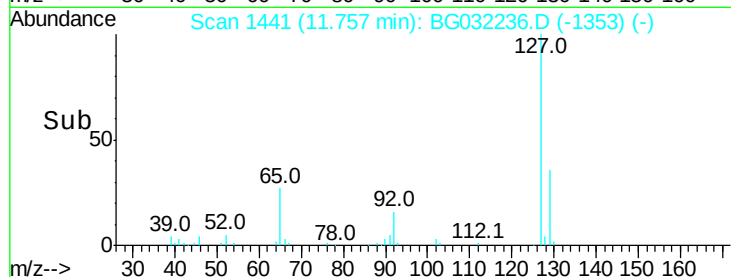
#33
4-Chloroaniline
Concen: 22.158 ng
RT: 11.76 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB105889BSD

Tot Ion:127 Resp: 87878
Ion Ratio Lower Upper
127 100
129 34.9 24.0 36.0
65 28.0 27.0 40.4
92 15.5 16.6 25.0#

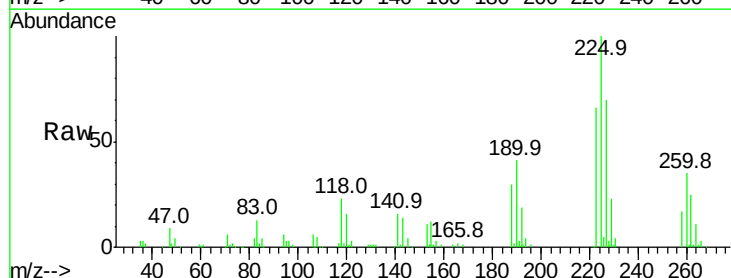


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

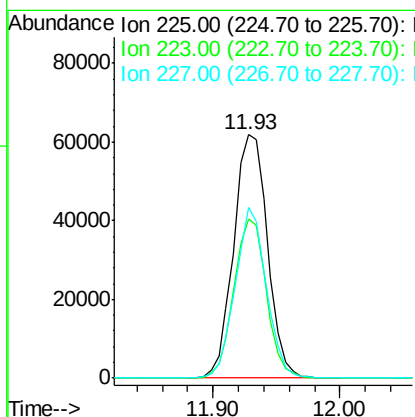
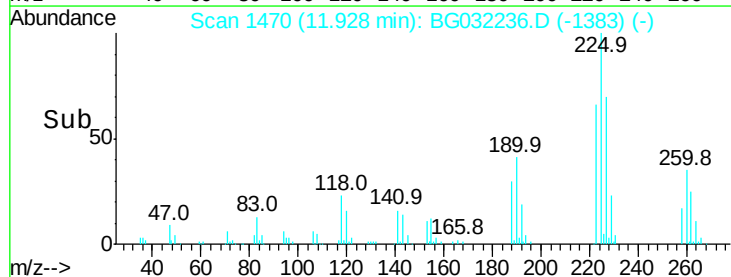


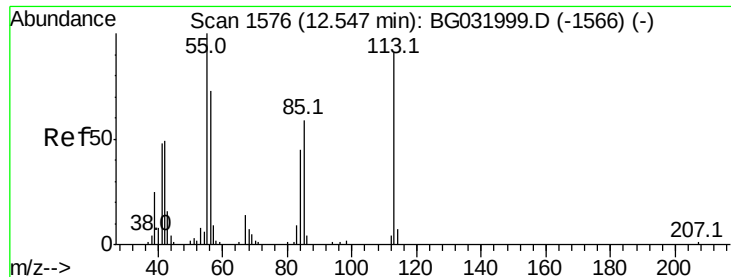
#34
Hexachlorobutadiene
Concen: 38.638 ng
RT: 11.93 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:225 Resp: 114141
Ion Ratio Lower Upper
225 100
223 65.5 49.7 74.5
227 70.4 48.1 72.1



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





#35

Caprolactam

Concen: 40.694 ng

RT: 12.52 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

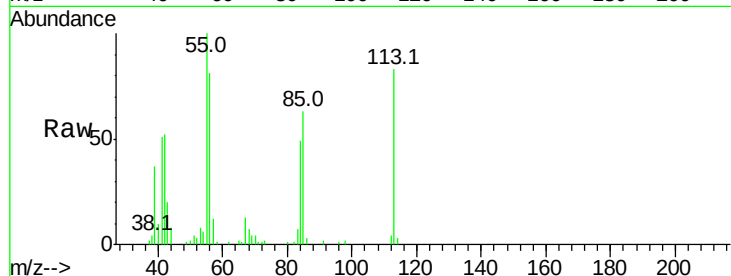
Tot Ion:113 Resp: 39317

Ion Ratio Lower Upper

113 100

55 120.4 186.9 226.9#

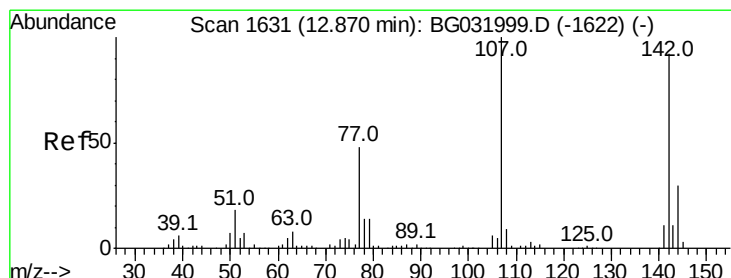
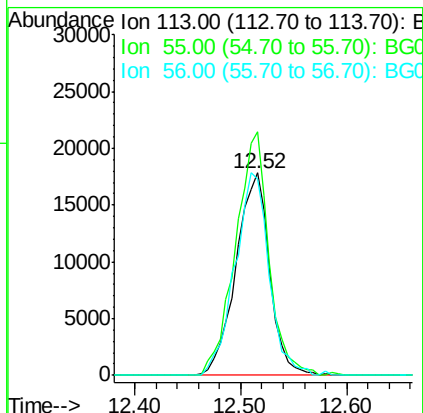
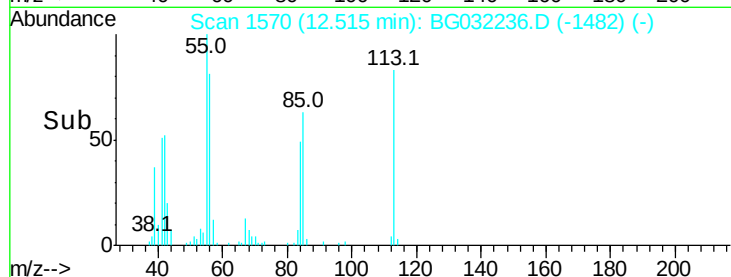
56 97.1 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 43.989 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

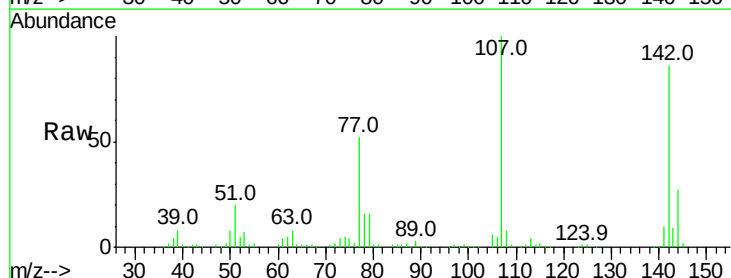
Tgt Ion:107 Resp: 128230

Ion Ratio Lower Upper

107 100

144 26.6 18.2 27.4

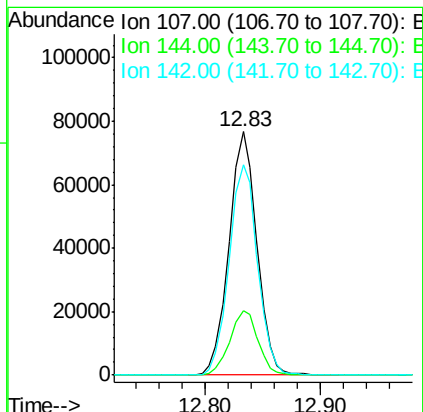
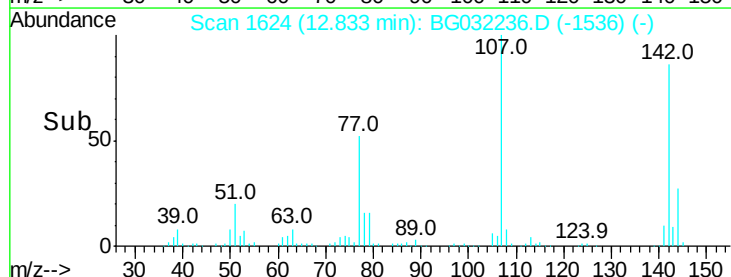
142 86.4 59.0 88.4

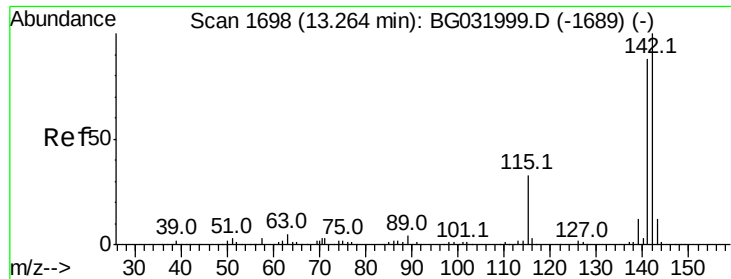


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

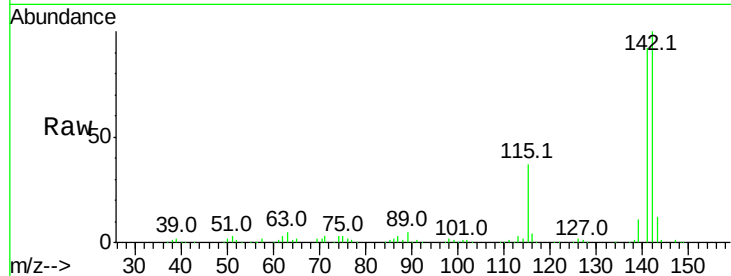




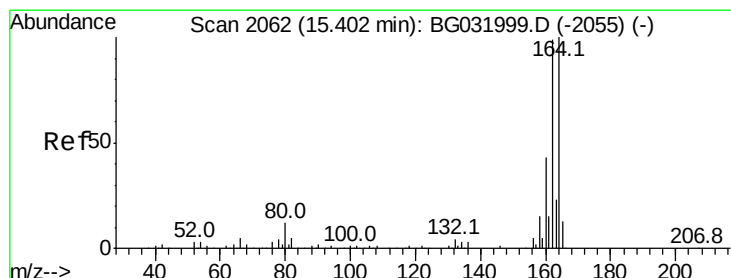
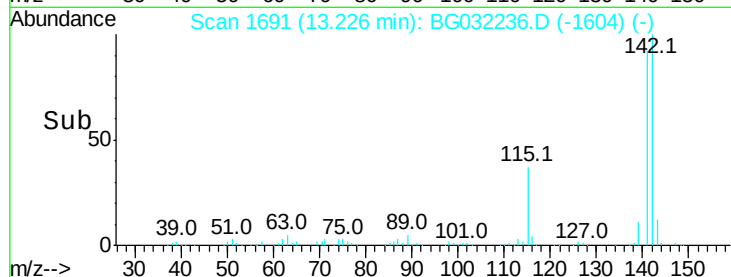
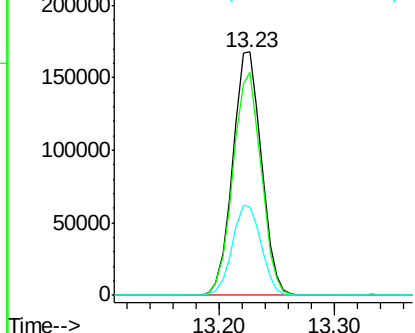
#37
2-Methylnaphthalene
Concen: 39.308 ng
RT: 13.23 min Scan# 1691
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Instrument :
BNA_G
ClientSampleId :
PB105889BSD

Tot Ion:142 Resp: 288616
Ion Ratio Lower Upper
142 100
141 91.9 67.1 100.7
115 36.5 30.7 46.1

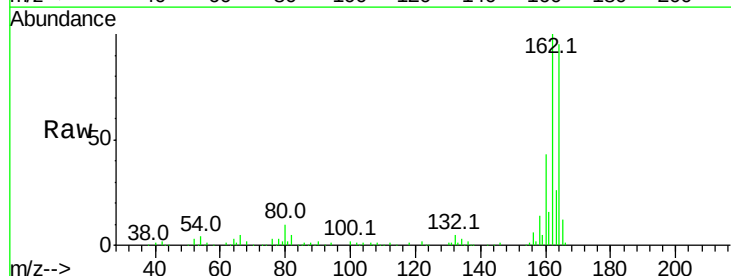


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

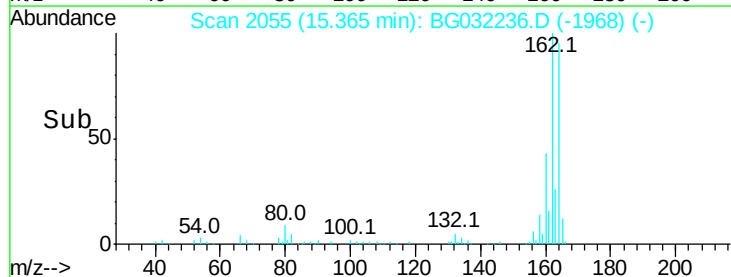
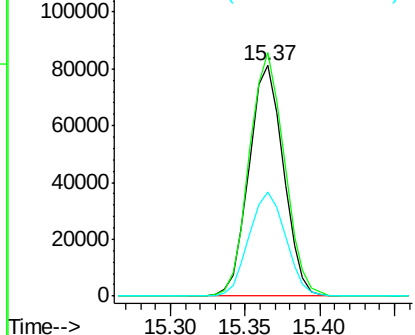


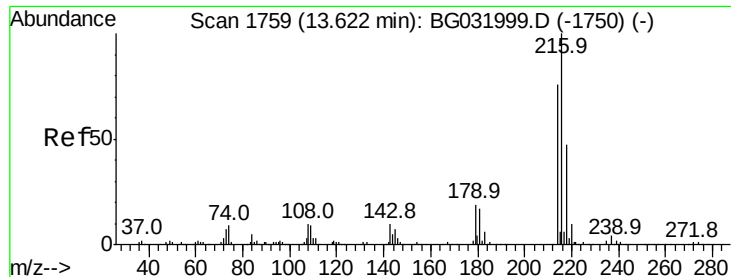
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.37 min Scan# 2055
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:164 Resp: 129436
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 45.0 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.096 ng

RT: 13.58 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

Tot Ion:216 Resp: 220586

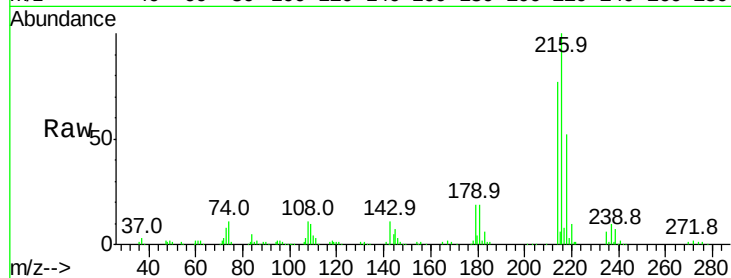
Ion Ratio Lower Upper

216 100

214 76.2 63.0 94.4

179 17.9 17.0 25.6

108 13.0 12.8 19.2

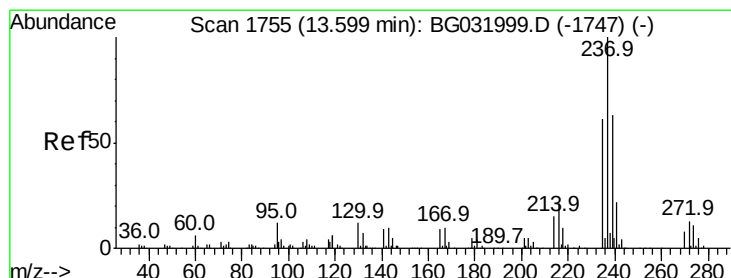
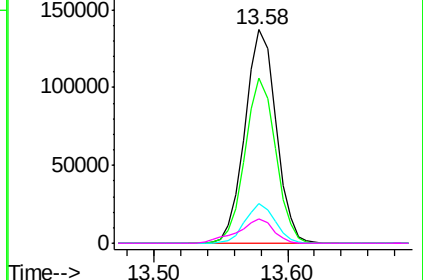
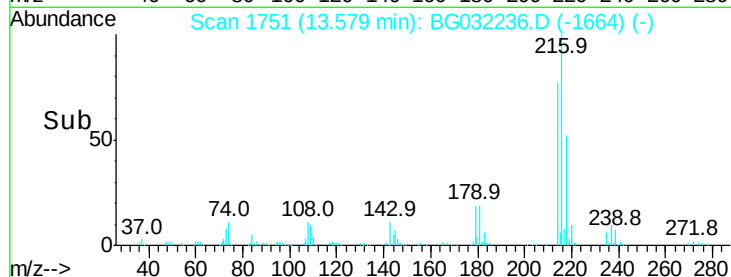


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.579 ng

RT: 13.56 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

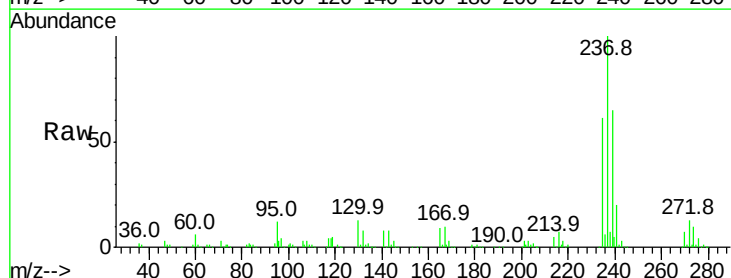
Tgt Ion:237 Resp: 278310

Ion Ratio Lower Upper

237 100

235 61.1 50.4 90.4

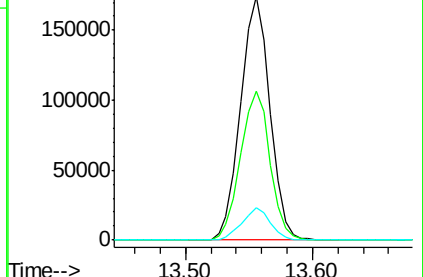
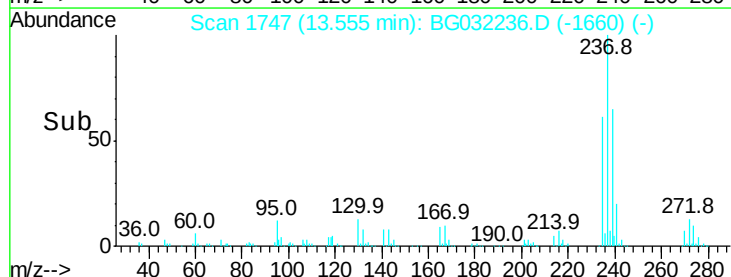
272 13.2 0.0 31.8

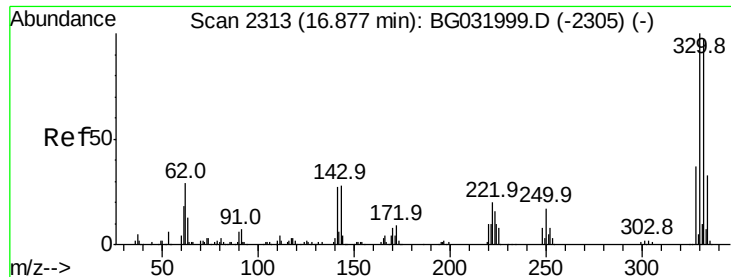


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

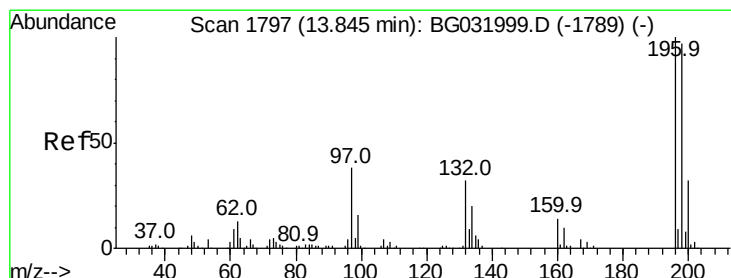
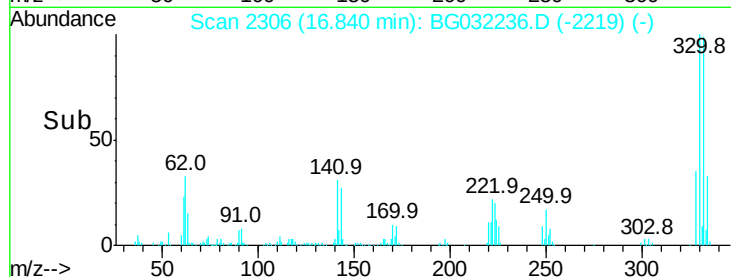
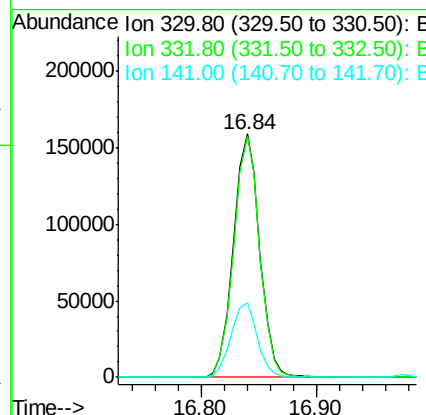
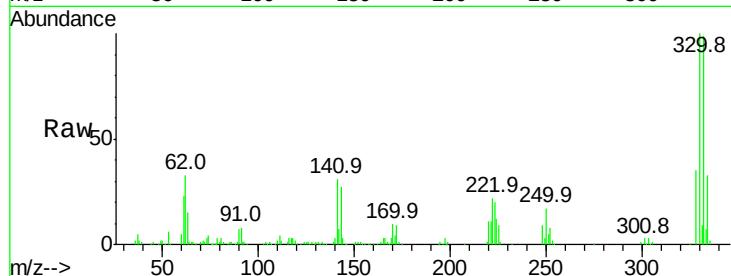




#41
 2,4,6-Tribromophenol
 Concen: 116.477 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

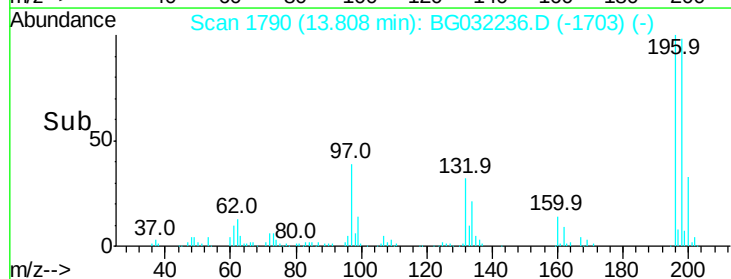
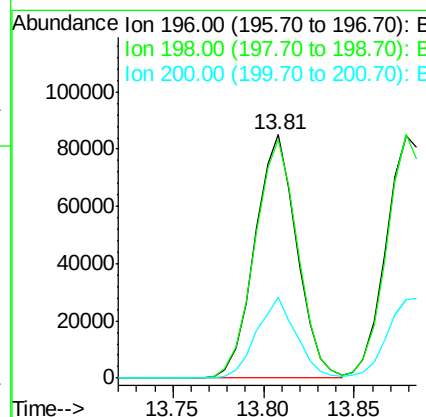
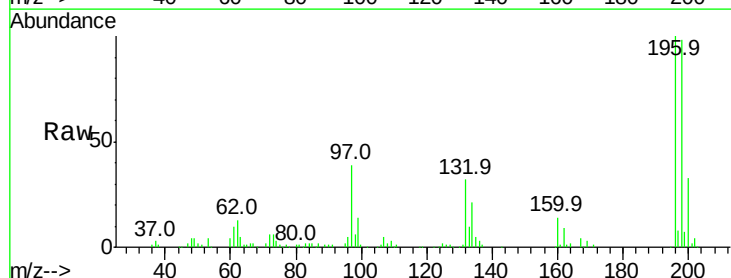
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

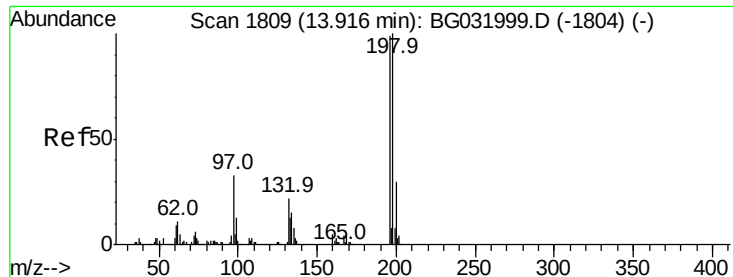
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.6	77.0	115.6
141	30.7	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 43.061 ng
 RT: 13.81 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	78.2	117.2
200	33.4	24.6	36.8

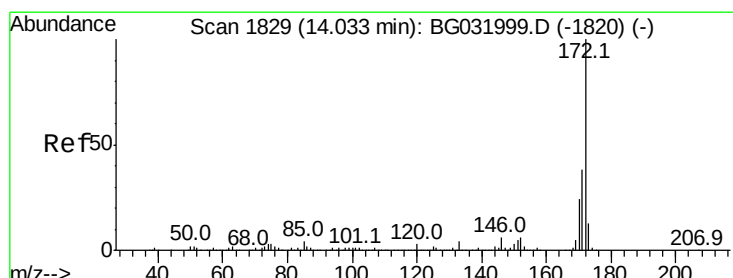
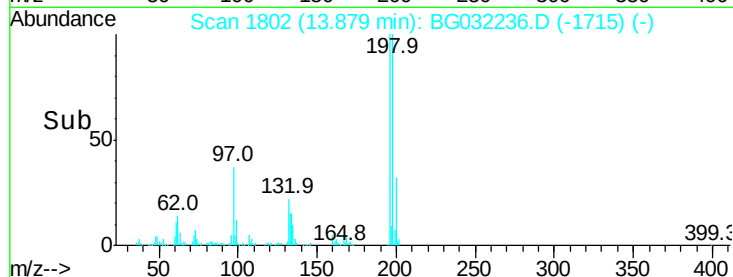
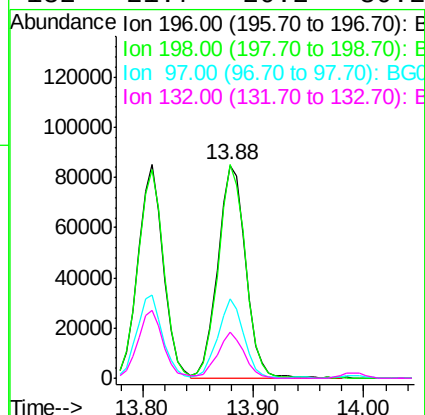
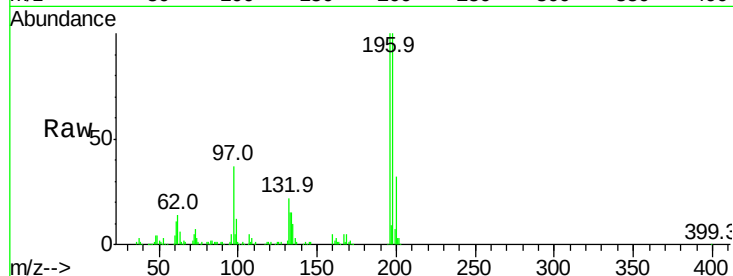




#43
2,4,5-Trichlorophenol
Concen: 40.556 ng
RT: 13.88 min Scan# 1802
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

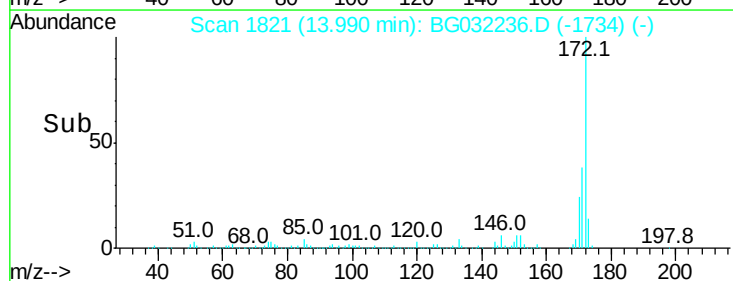
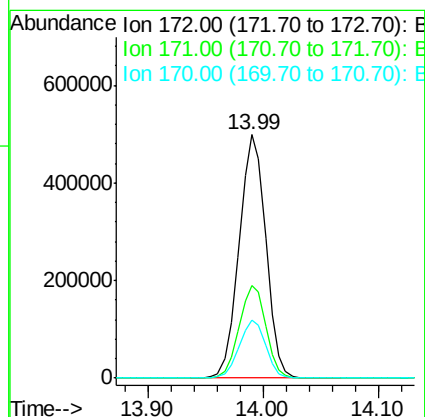
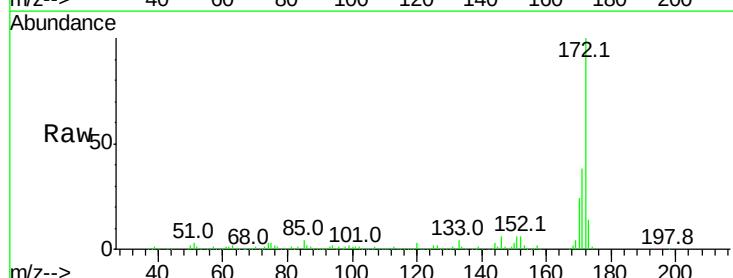
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

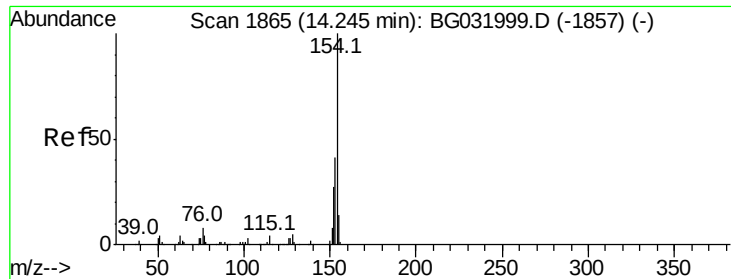
Tot Ion:196 Resp: 148820
Ion Ratio Lower Upper
196 100
198 100.2 76.2 114.4
97 37.4 38.7 58.1#
132 21.7 20.2 30.2



#44
2-Fluorobiphenyl
Concen: 76.322 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:172 Resp: 796705
Ion Ratio Lower Upper
172 100
171 37.8 30.0 45.0
170 23.9 19.5 29.3

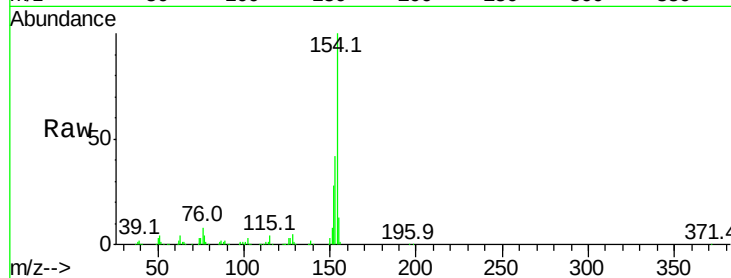




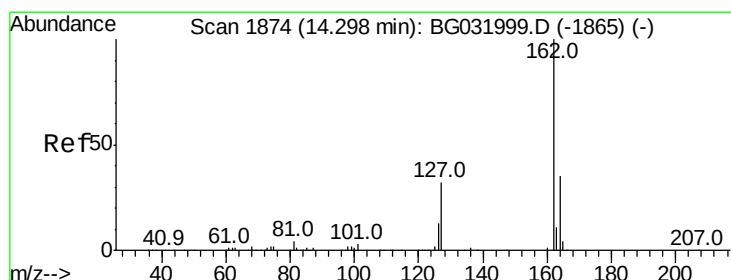
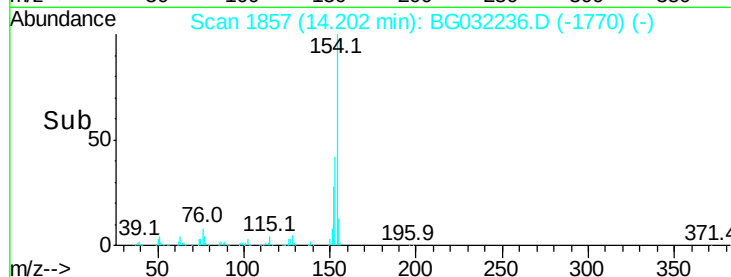
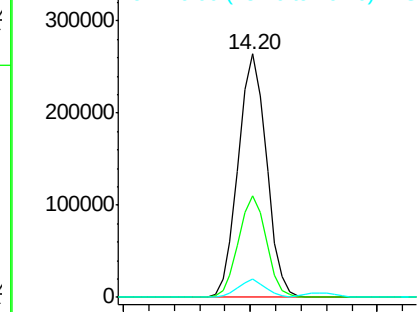
#45
 1,1'-Biphenyl
 Concen: 36.743 ng
 RT: 14.20 min Scan# 1857
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	19.8	59.8
76	7.6	0.0	31.9

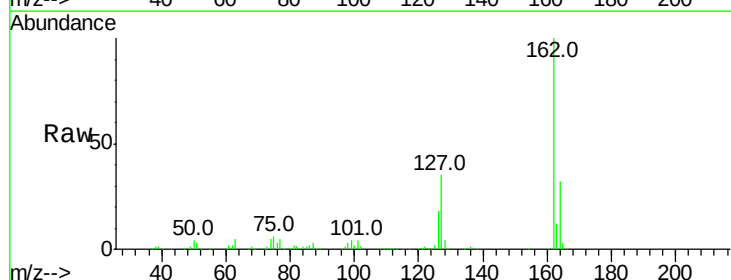


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): B

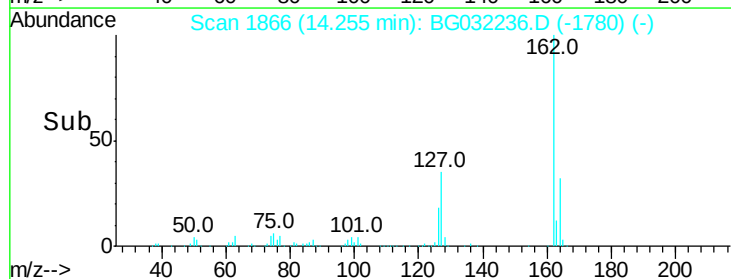
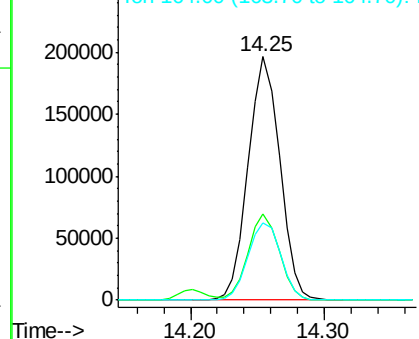


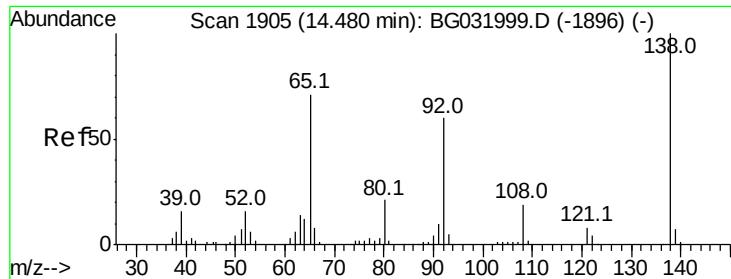
#46
 2-Chloronaphthalene
 Concen: 37.243 ng
 RT: 14.25 min Scan# 1866
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.3	30.7	46.1
164	31.5	26.0	39.0



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

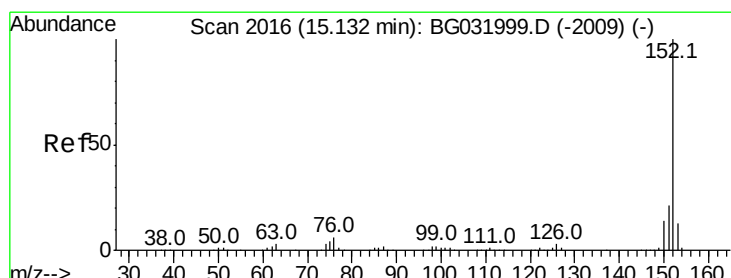
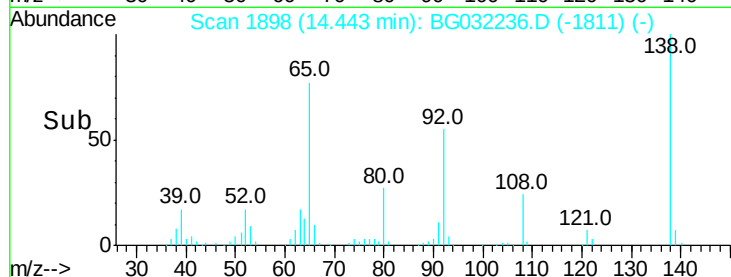
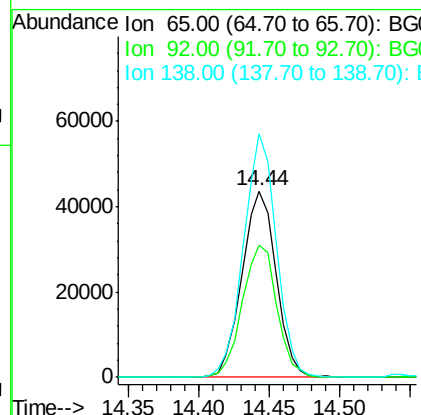
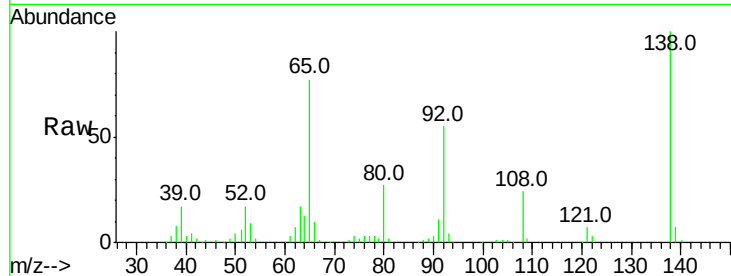




#47
 2-Nitroaniline
 Concen: 44.670 ng
 RT: 14.44 min Scan# 1898
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

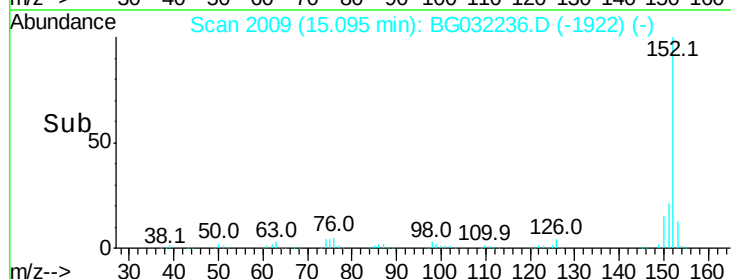
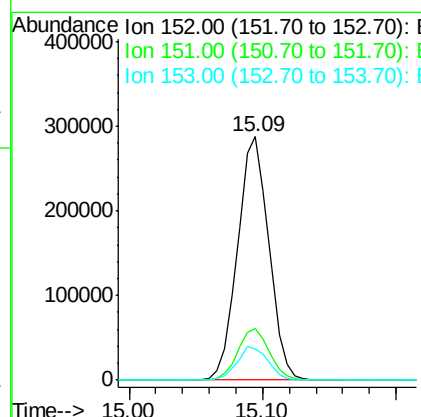
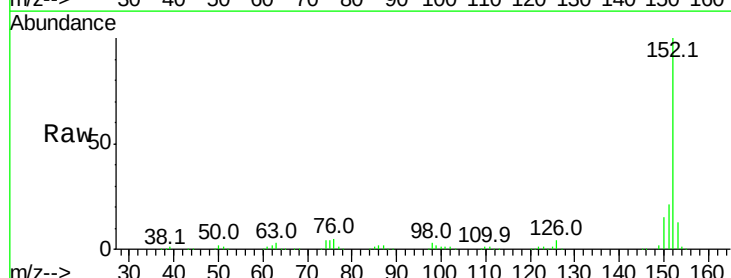
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

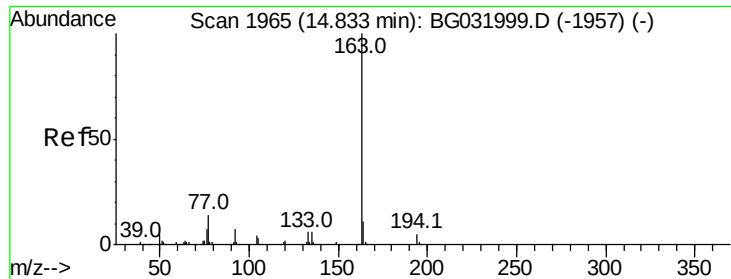
Tot Ion: 65 Resp: 73819
 Ion Ratio Lower Upper
 65 100
 92 71.2 54.6 82.0
 138 130.5 72.9 109.3#



#48
 Acenaphthylene
 Concen: 35.520 ng
 RT: 15.09 min Scan# 2009
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:152 Resp: 466917
 Ion Ratio Lower Upper
 152 100
 151 21.3 17.2 25.8
 153 12.9 10.2 15.4





#49

Dimethylphthalate

Concen: 37.176 ng

RT: 14.80 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

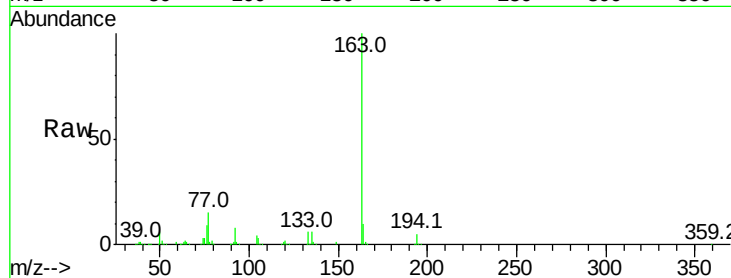
Tot Ion:163 Resp: 421078

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

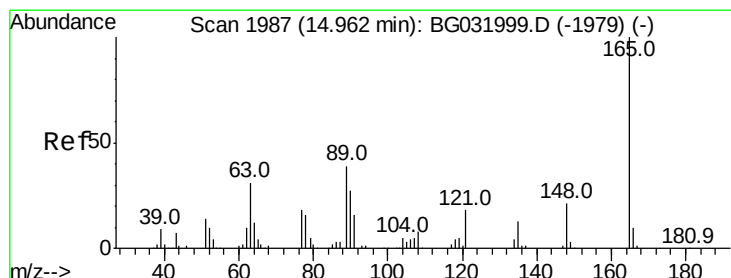
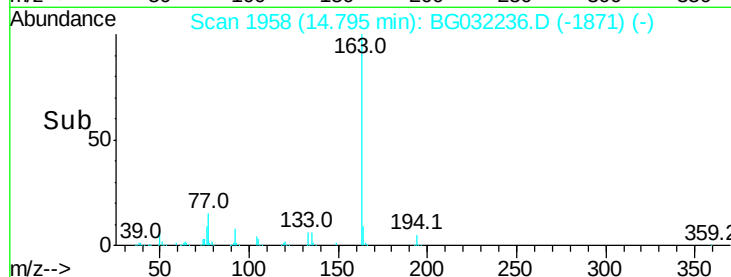
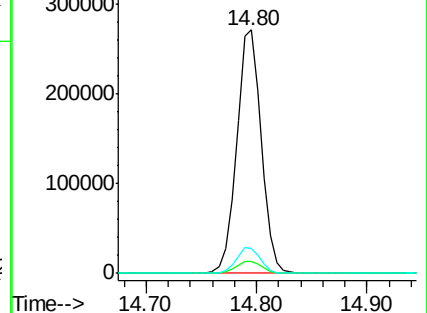
164 10.2 8.2 12.4



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: 40.774 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

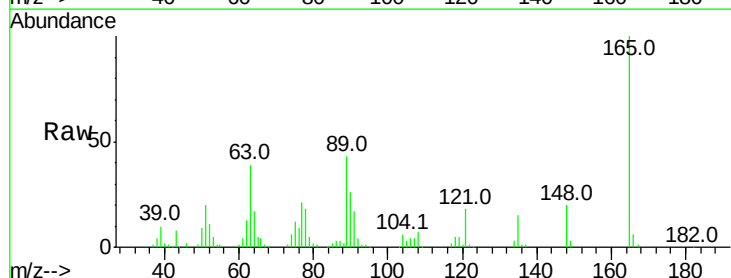
Tgt Ion:165 Resp: 95860

Ion Ratio Lower Upper

165 100

63 38.7 52.7 79.1#

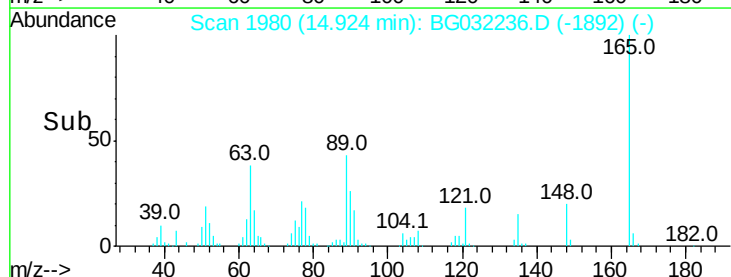
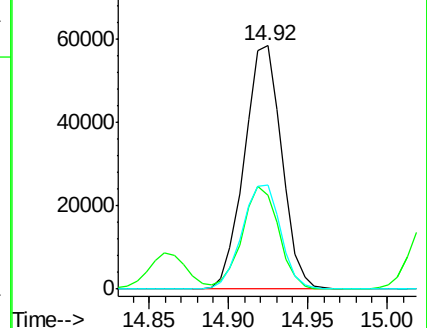
89 43.0 49.2 73.8#

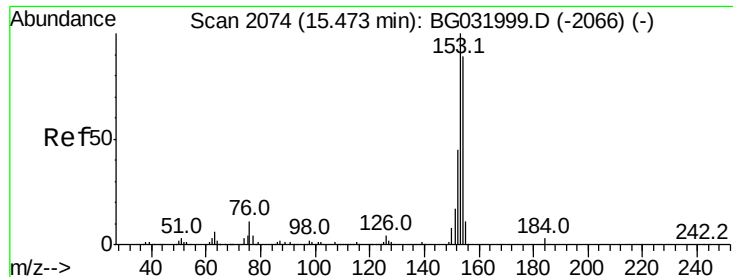


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 38.967 ng

RT: 15.43 min Scan# 2066

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

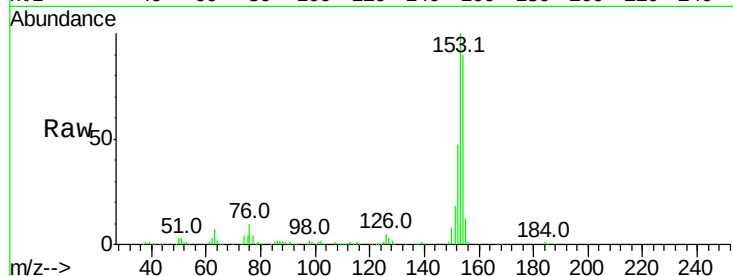
Tot Ion:154 Resp: 338703

Ion Ratio Lower Upper

154 100

153 110.6 90.4 135.6

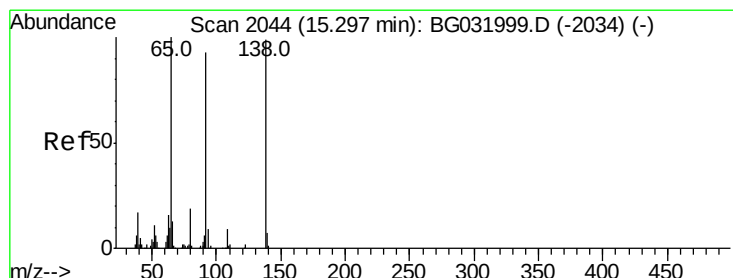
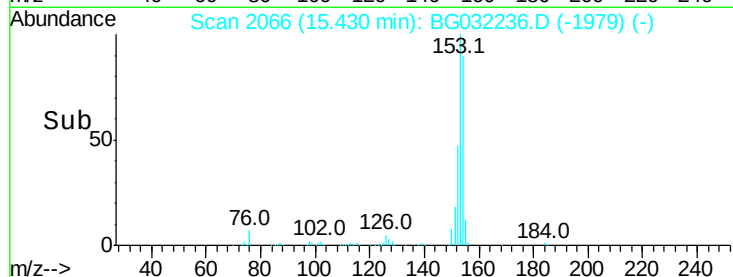
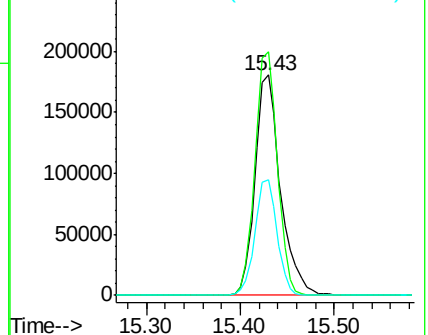
152 52.5 41.6 62.4



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: 26.847 ng

RT: 15.25 min Scan# 2036

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

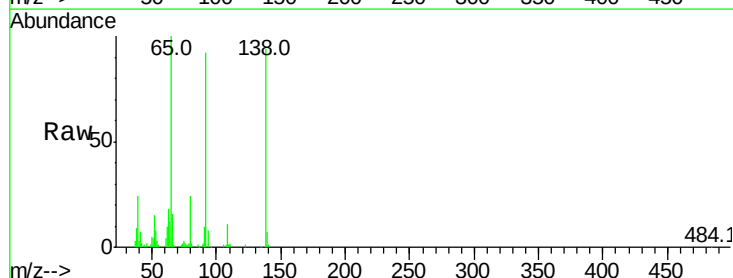
Tgt Ion:138 Resp: 57007

Ion Ratio Lower Upper

138 100

108 12.0 17.5 26.3#

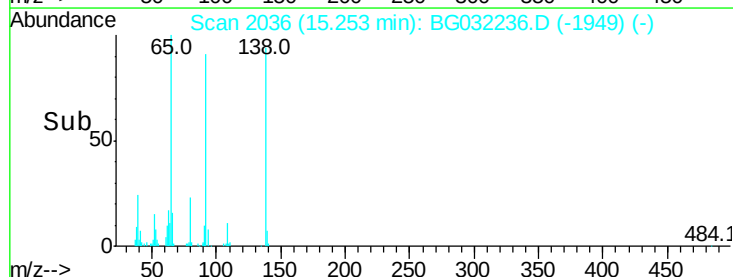
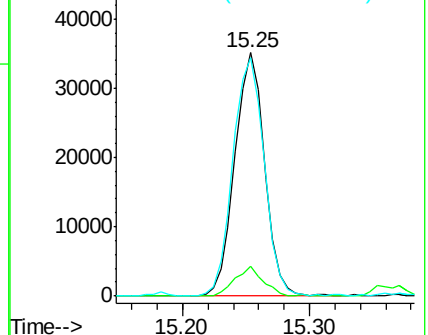
92 98.2 105.8 158.8#

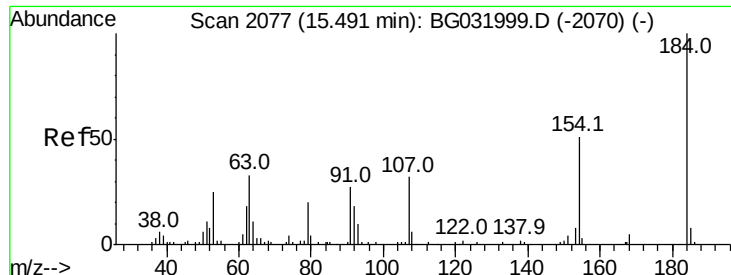


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

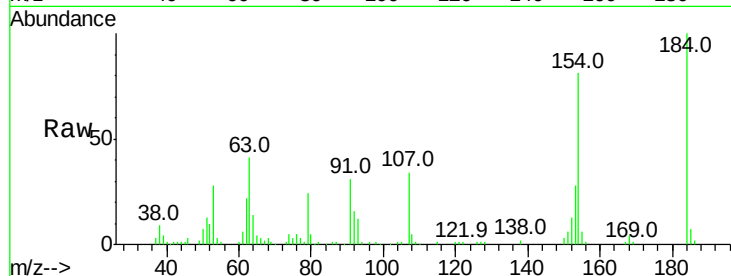




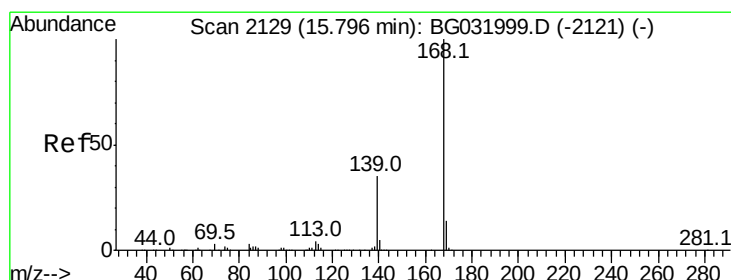
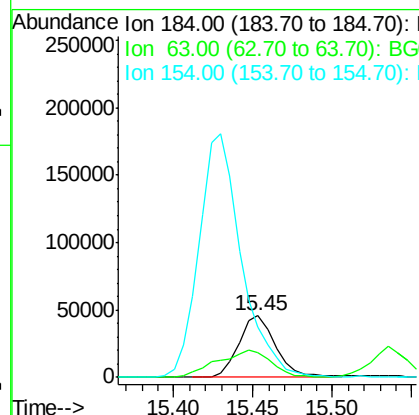
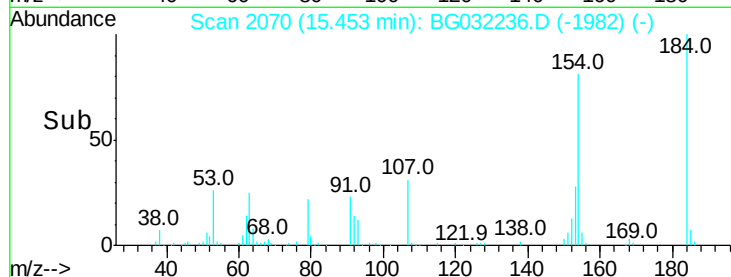
#53
 2,4-Dinitrophenol
 Concen: 64.148 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion:184 Resp: 73871
 Ion Ratio Lower Upper
 184 100
 63 40.7 59.8 89.8#
 154 81.1 101.8 152.8#

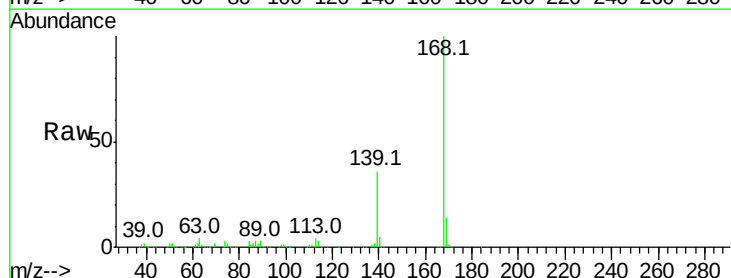


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

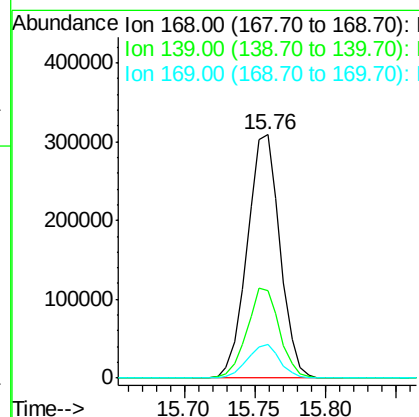
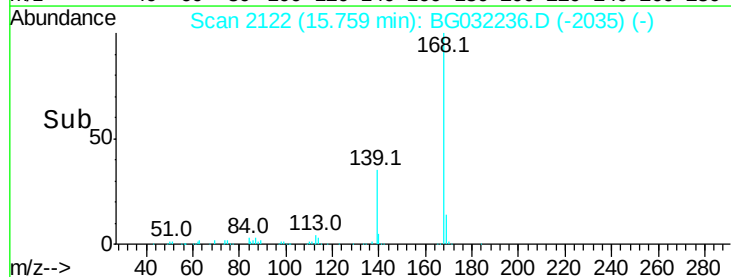


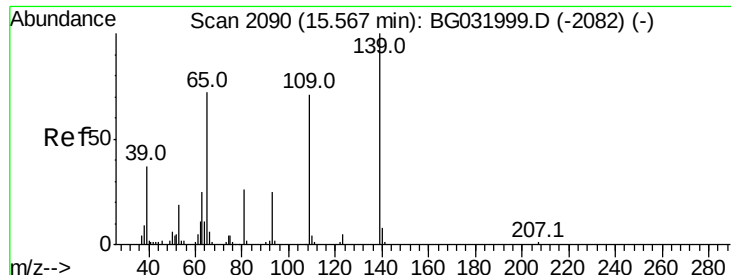
#54
 Dibenzofuran
 Concen: 38.654 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:168 Resp: 501207
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.6 43.0
 169 13.6 11.2 16.8



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

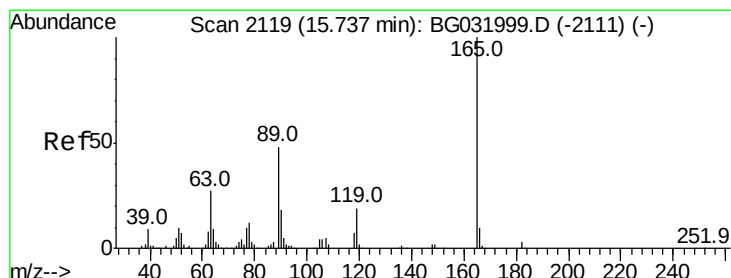
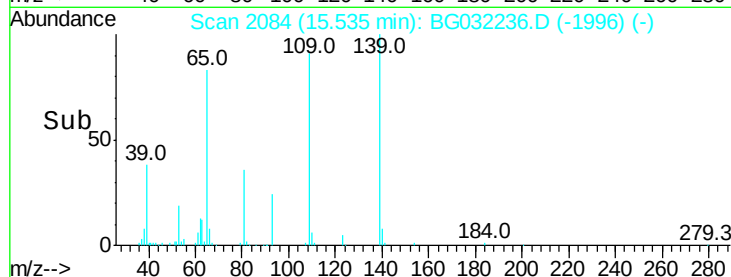
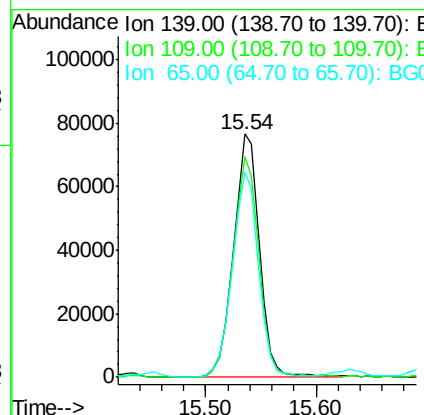
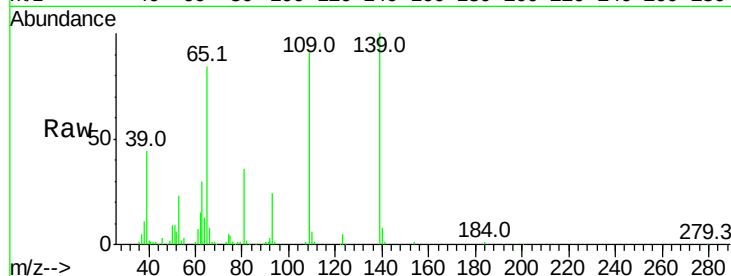




#55
4-Nitrophenol
Concen: 81.728 ng
RT: 15.54 min Scan# 2084
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

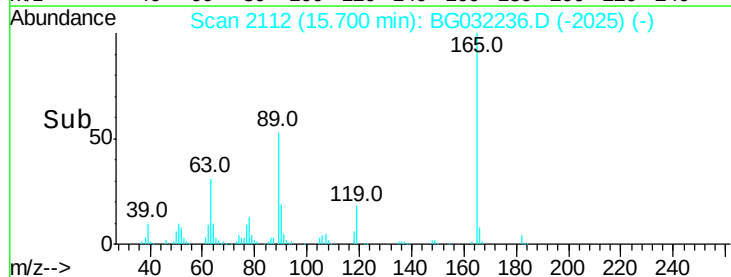
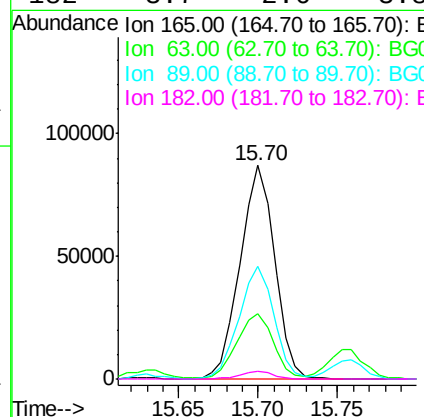
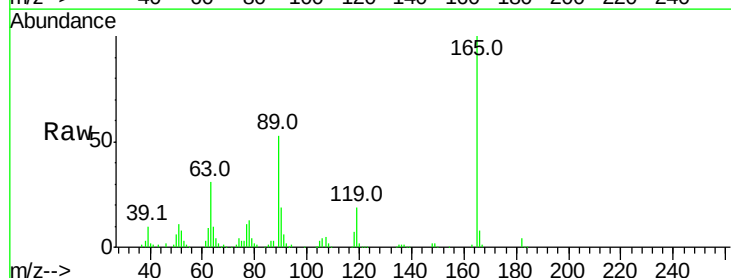
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

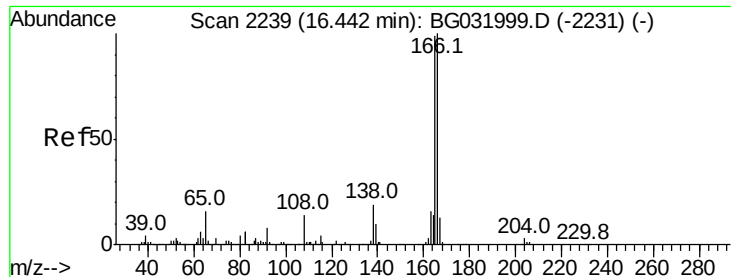
Tot Ion:139 Resp: 126473
Ion Ratio Lower Upper
139 100
109 90.8 62.2 102.2
65 84.4 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 41.837 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:165 Resp: 132426
Ion Ratio Lower Upper
165 100
63 30.8 42.0 63.0#
89 52.6 66.9 100.3#
182 3.7 2.6 3.8

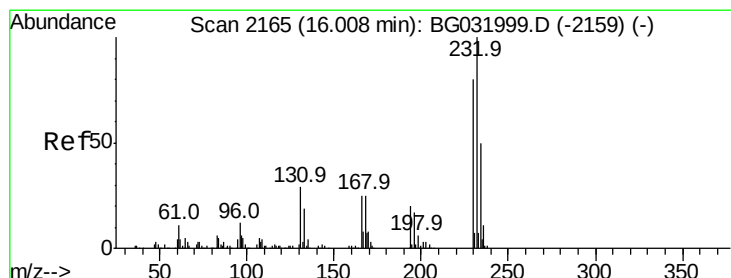
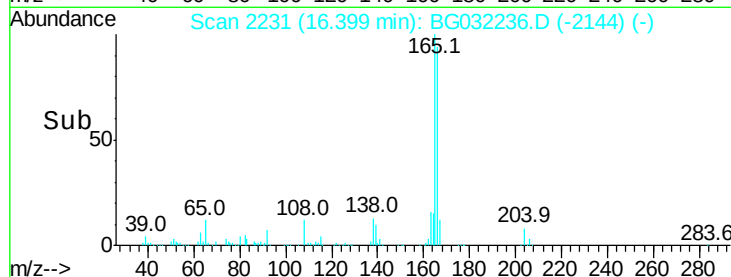
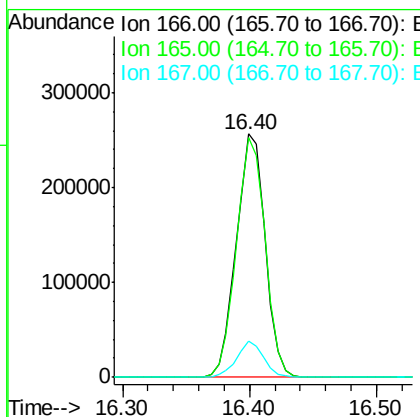
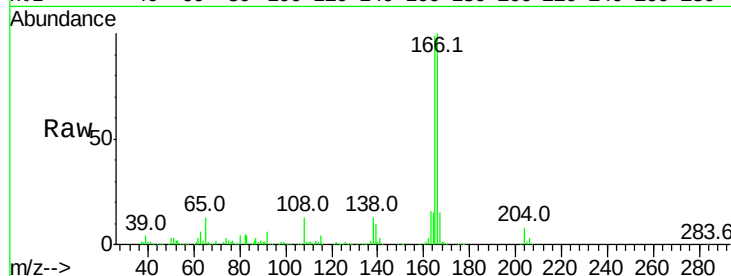




#57
 Fluorene
 Concen: 37.795 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

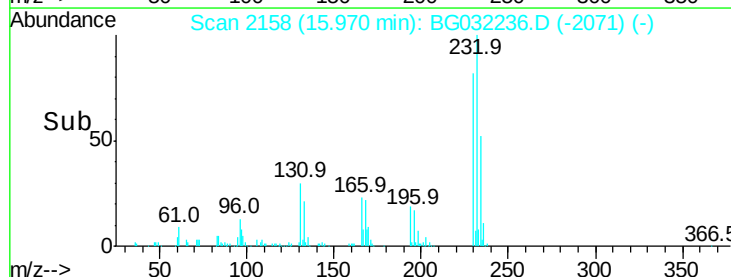
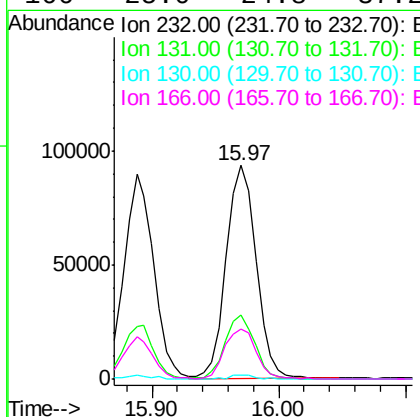
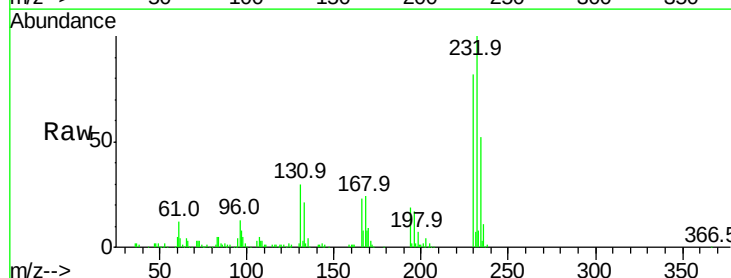
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

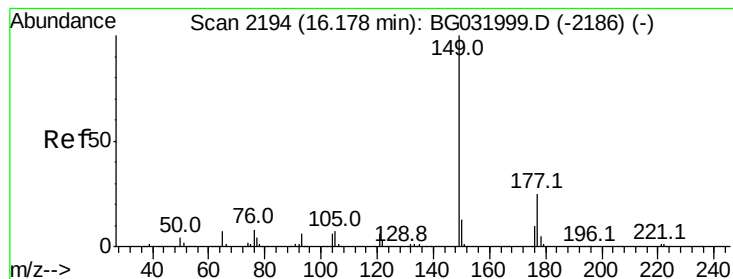
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.6	121.0
167	14.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.767 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
232	100		
131	30.0	33.5	50.3#
130	1.7	2.2	3.2#
166	25.0	24.8	37.2





#59

Diethylphthalate

Concen: 36.524 ng

RT: 16.13 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

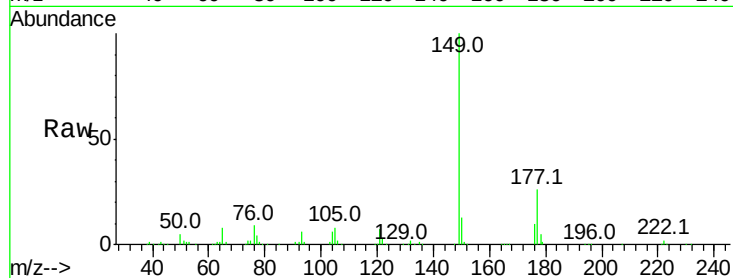
Tot Ion:149 Resp: 401060

Ion Ratio Lower Upper

149 100

177 25.7 18.5 27.7

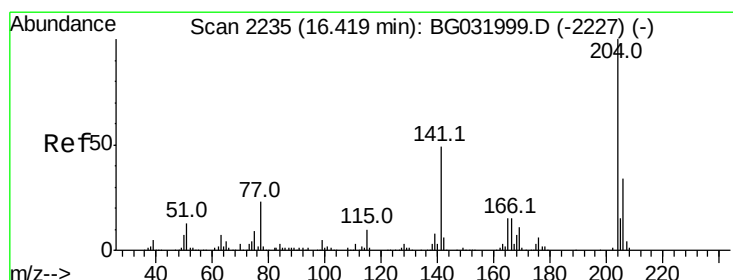
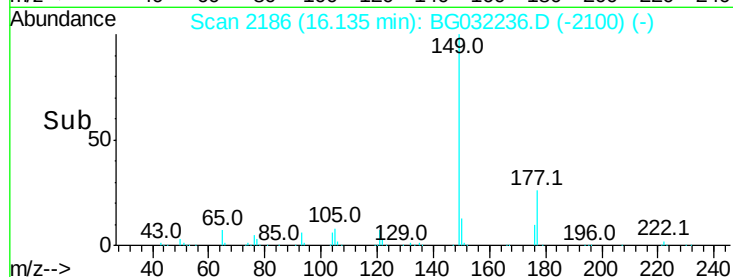
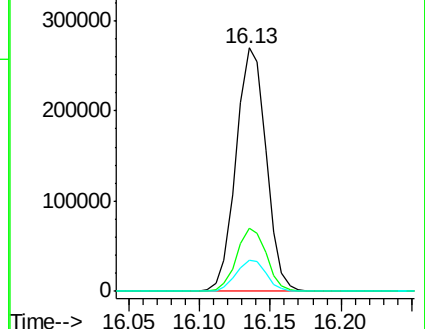
150 12.7 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 40.509 ng

RT: 16.38 min Scan# 2228

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

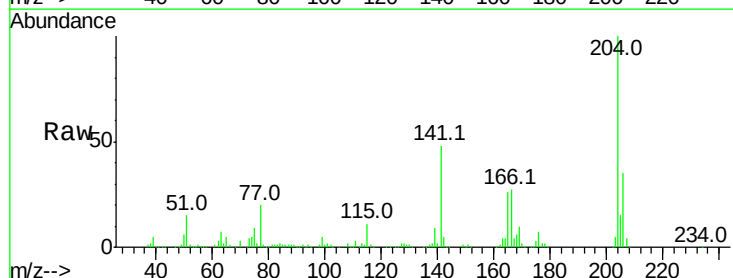
Tgt Ion:204 Resp: 264262

Ion Ratio Lower Upper

204 100

206 35.3 26.2 39.2

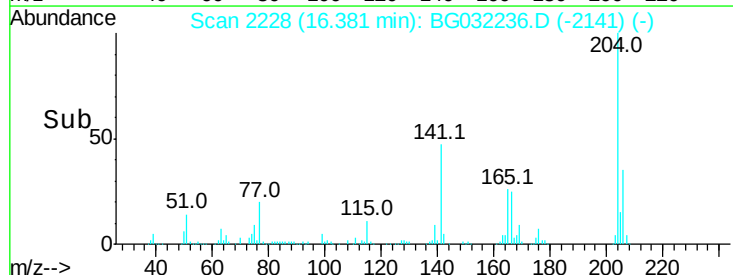
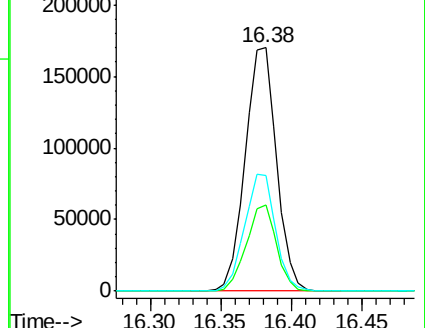
141 47.6 45.8 68.6

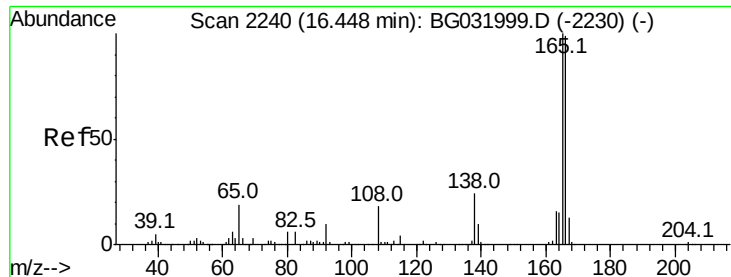


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

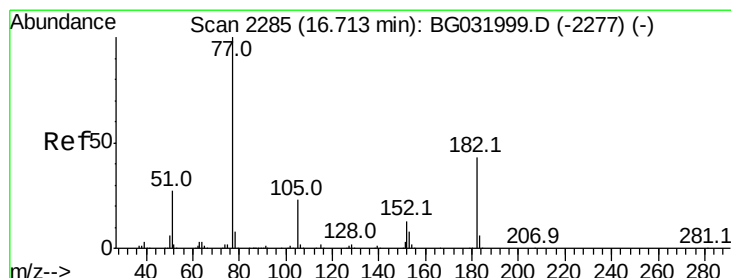
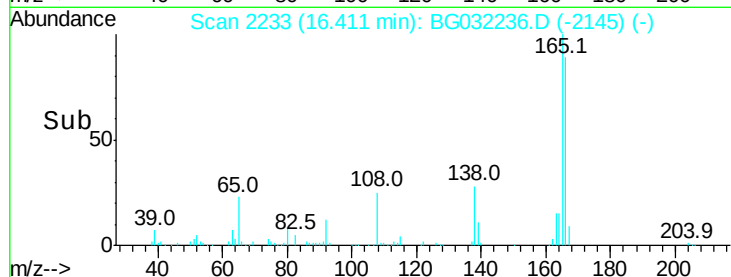
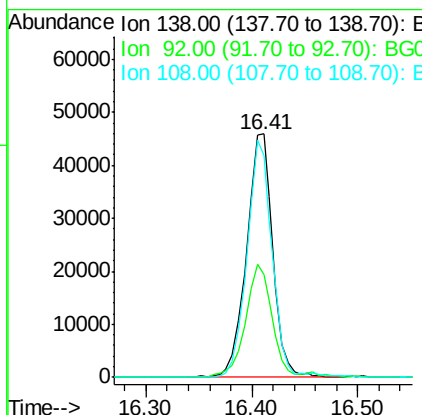
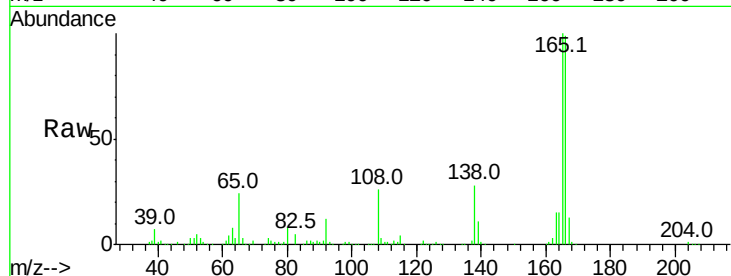




#61
4-Nitroaniline
Concen: 39.035 ng
RT: 16.41 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

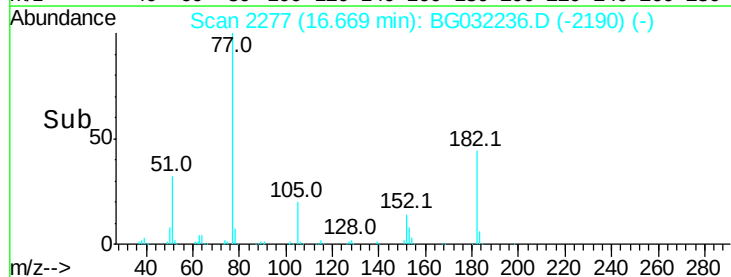
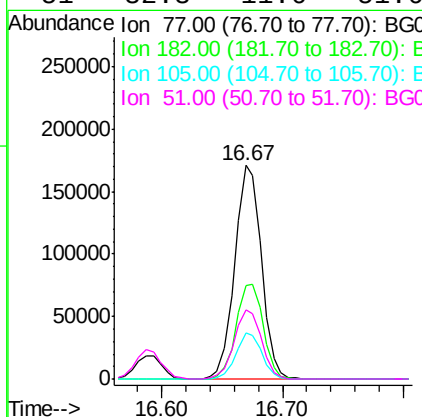
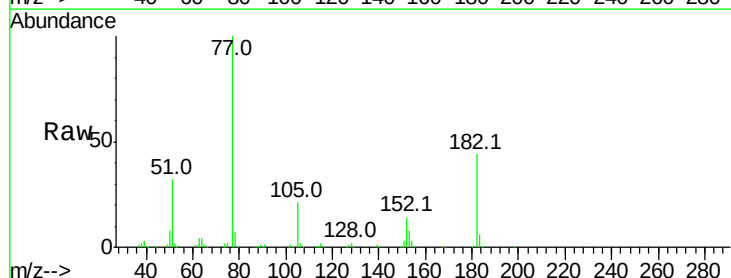
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

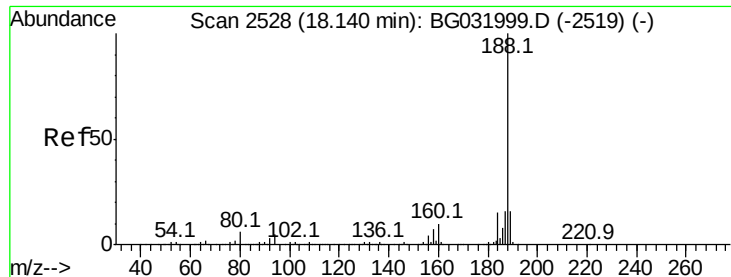
Tot Ion:138 Resp: 79512
Ion Ratio Lower Upper
138 100
92 42.2 40.1 80.1
108 91.0 65.4 105.4



#62
Azobenzene
Concen: 38.230 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion: 77 Resp: 262749
Ion Ratio Lower Upper
77 100
182 43.8 7.4 47.4
105 21.3 0.3 40.3
51 32.3 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.10 min Scan# 2520

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

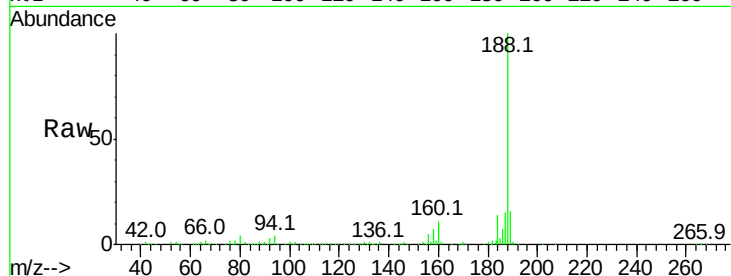
Tot Ion:188 Resp: 326281

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

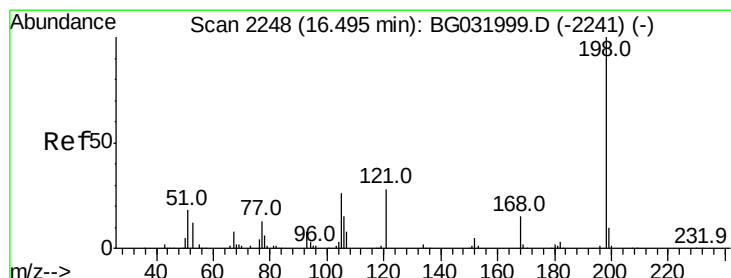
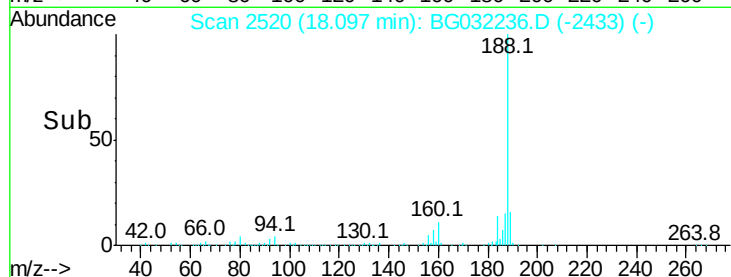
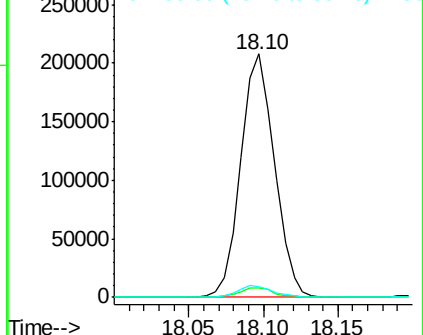
80 4.1 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 34.751 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

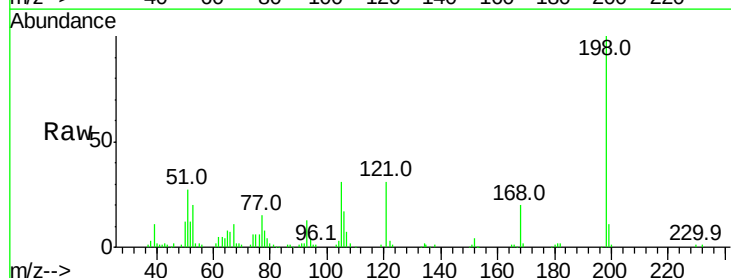
Tgt Ion:198 Resp: 69441

Ion Ratio Lower Upper

198 100

51 26.8 30.6 70.6#

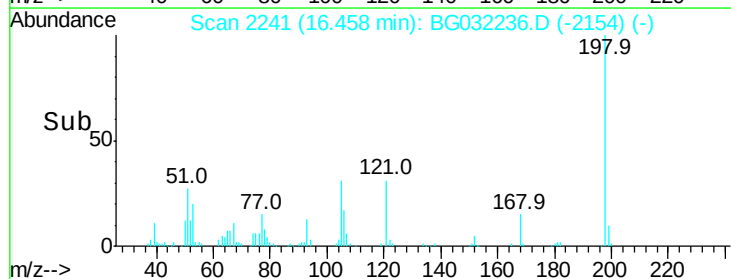
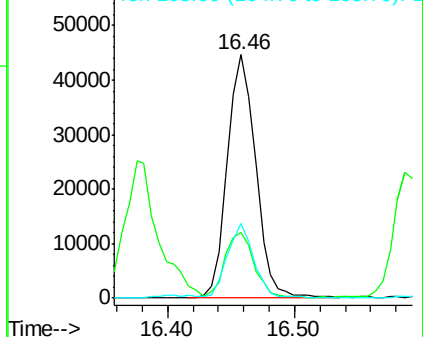
105 30.5 23.8 63.8

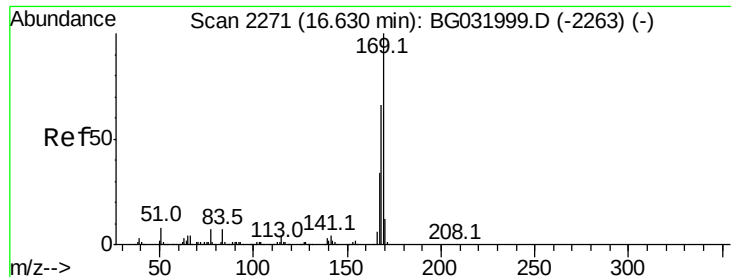


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.144 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.01 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

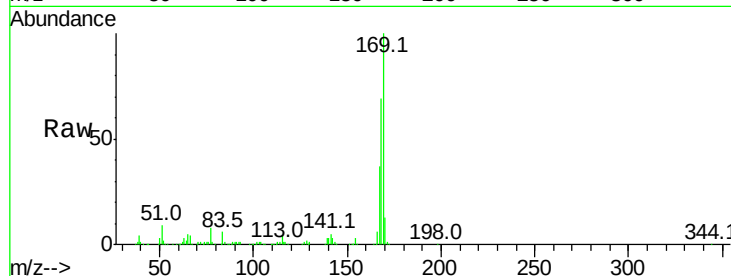
Tot Ion:169 Resp: 367753

Ion Ratio Lower Upper

169 100

168 68.9 55.7 83.5

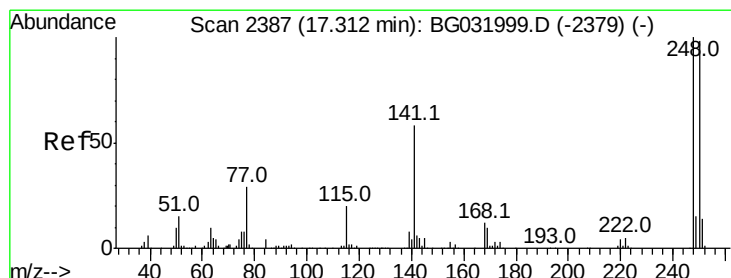
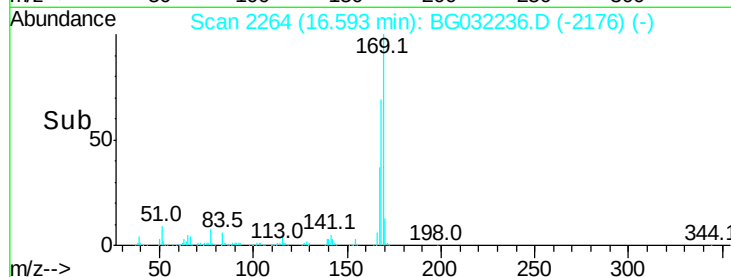
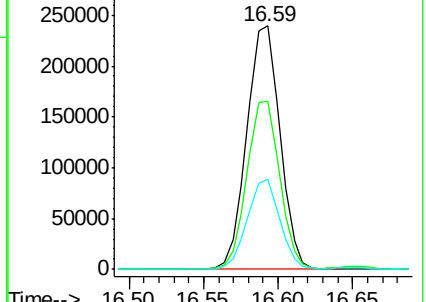
167 36.8 30.1 45.1



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.635 ng

RT: 17.27 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

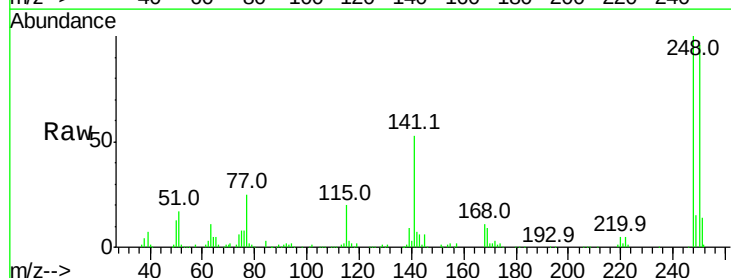
Tgt Ion:248 Resp: 184001

Ion Ratio Lower Upper

248 100

250 96.2 77.1 115.7

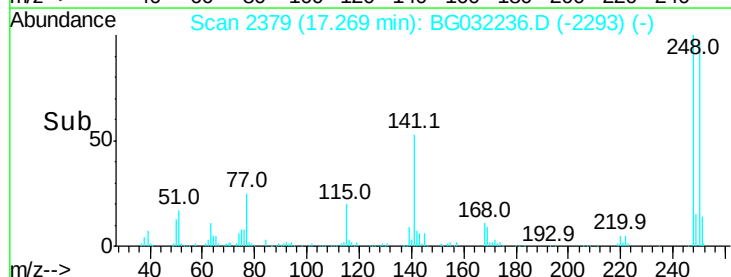
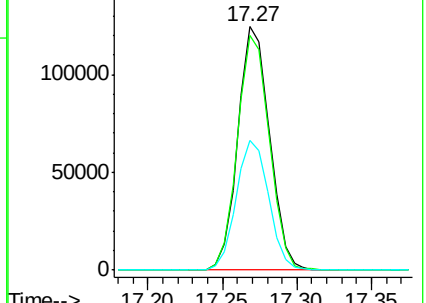
141 53.3 50.8 76.2

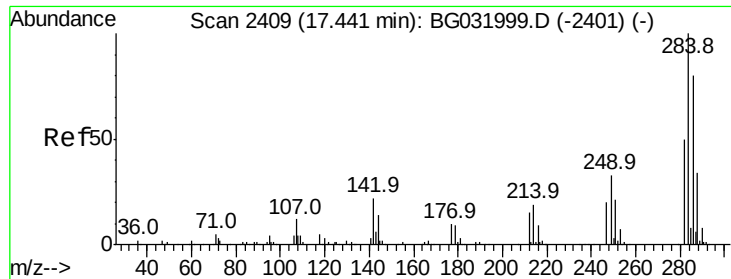


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 36.277 ng

RT: 17.40 min Scan# 2401

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

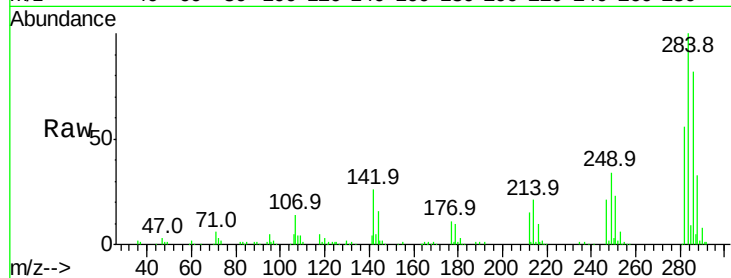
Tot Ion:284 Resp: 186321

Ion Ratio Lower Upper

284 100

142 26.2 26.8 40.2#

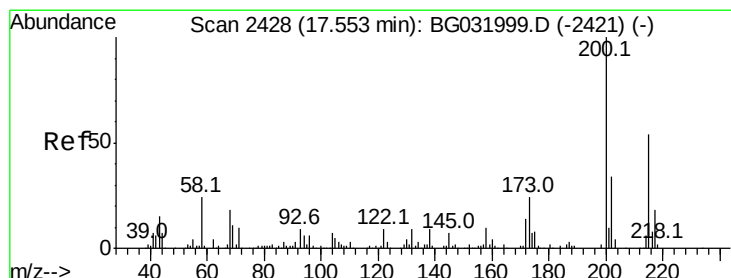
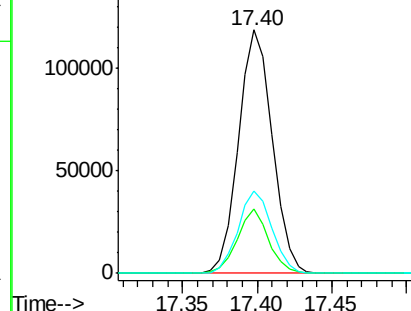
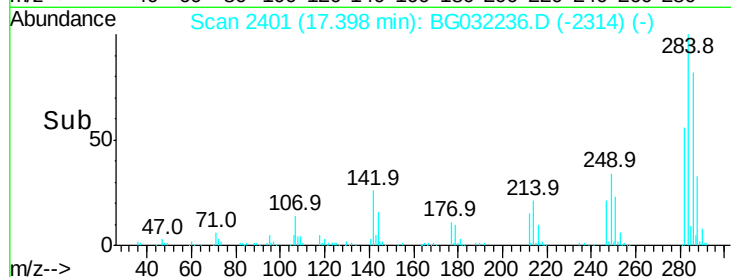
249 33.9 26.3 39.5



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.587 ng

RT: 17.52 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

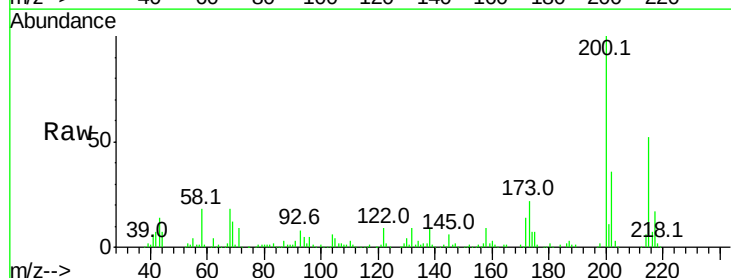
Tgt Ion:200 Resp: 164829

Ion Ratio Lower Upper

200 100

173 22.5 5.2 45.2

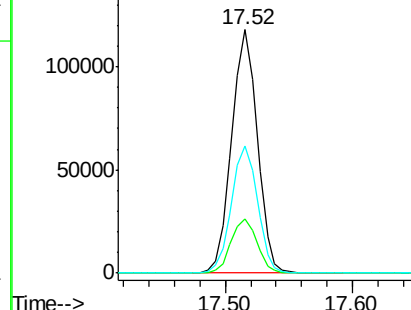
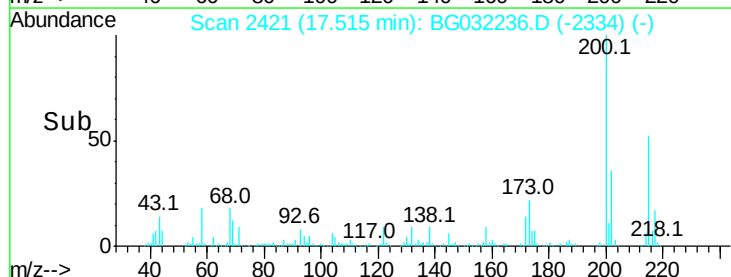
215 52.2 30.4 70.4

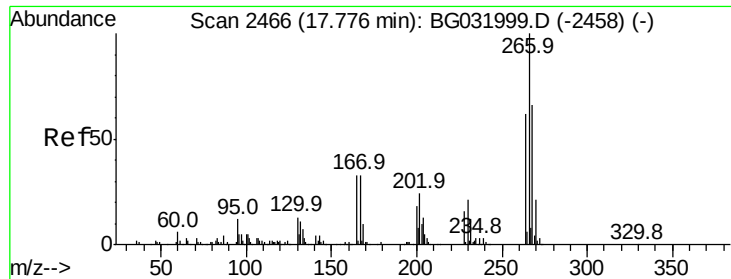


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 65.018 ng

RT: 17.73 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

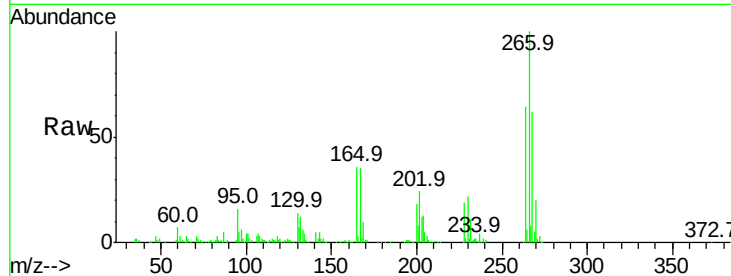
Tot Ion:266 Resp: 213449

Ion Ratio Lower Upper

266 100

268 62.0 51.1 76.7

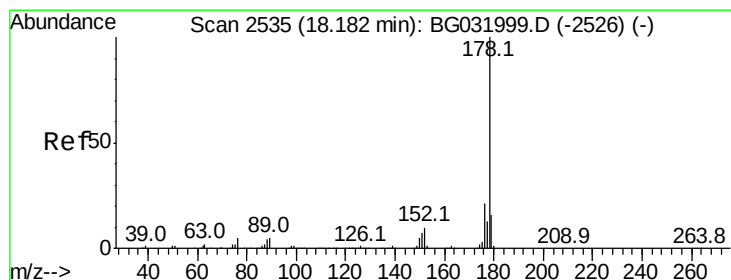
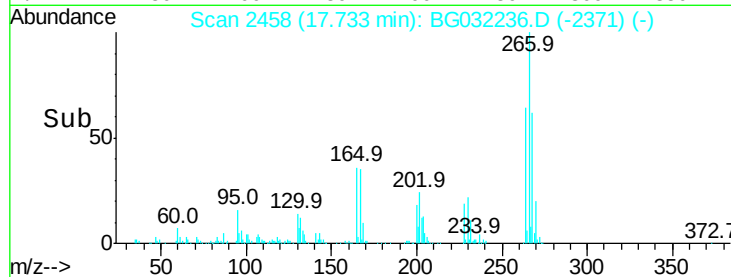
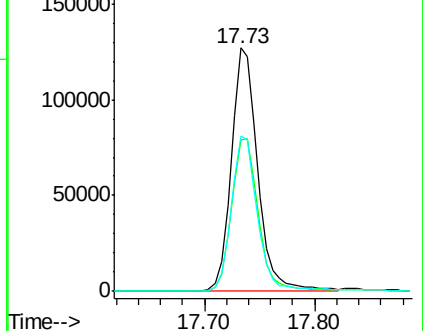
264 63.9 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.462 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

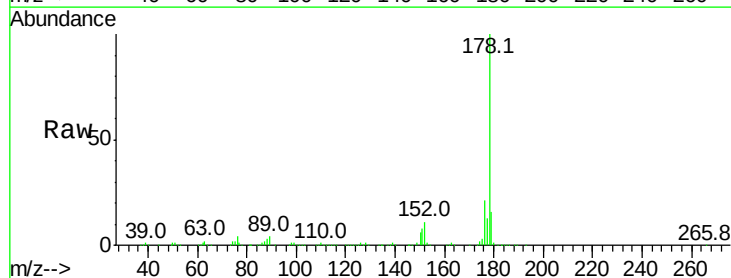
Tgt Ion:178 Resp: 662378

Ion Ratio Lower Upper

178 100

176 20.7 15.7 23.5

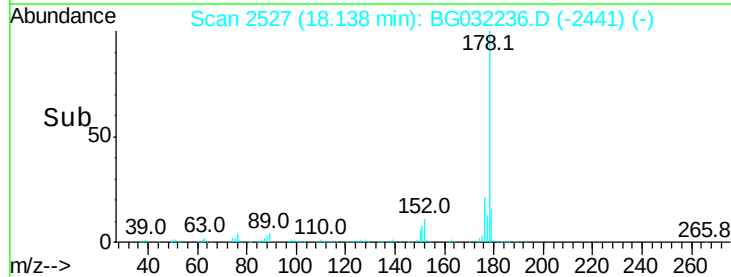
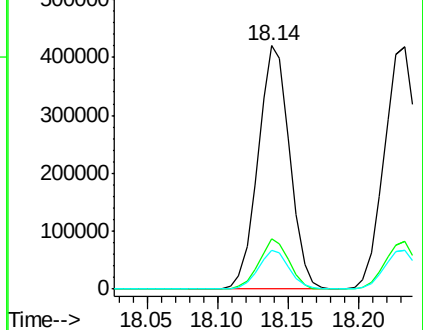
179 16.0 12.5 18.7

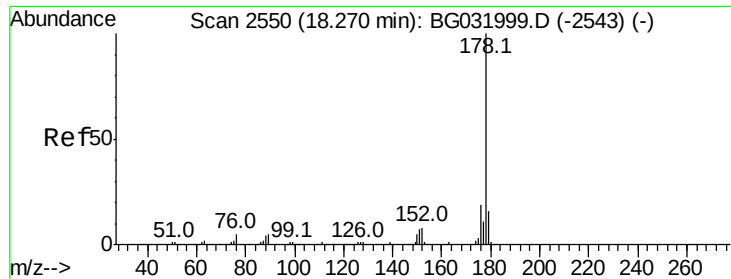


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

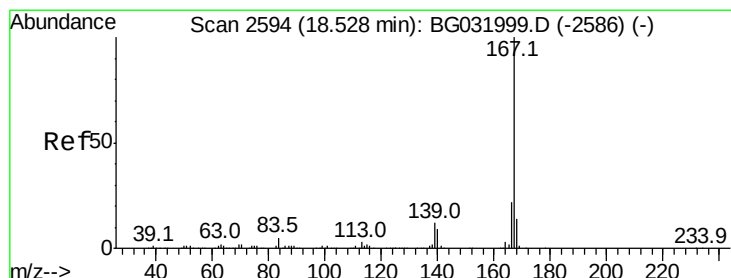
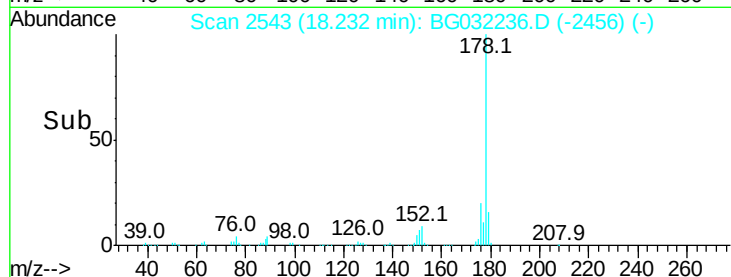
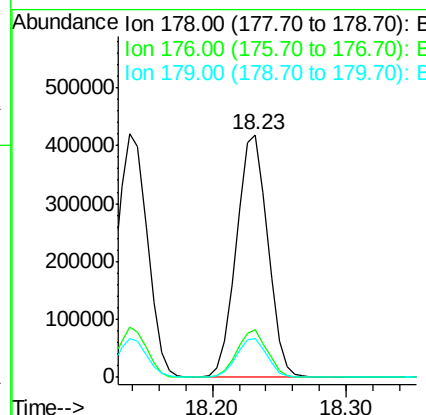
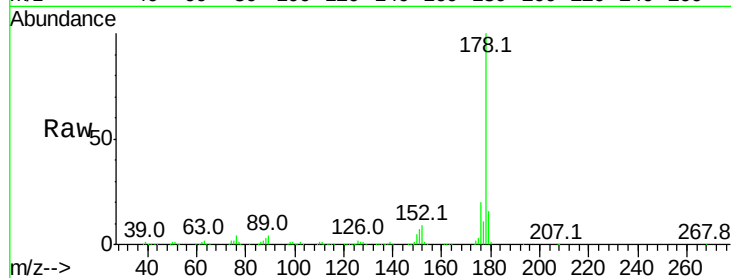




#71
 Anthracene
 Concen: 37.667 ng
 RT: 18.23 min Scan# 2543
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

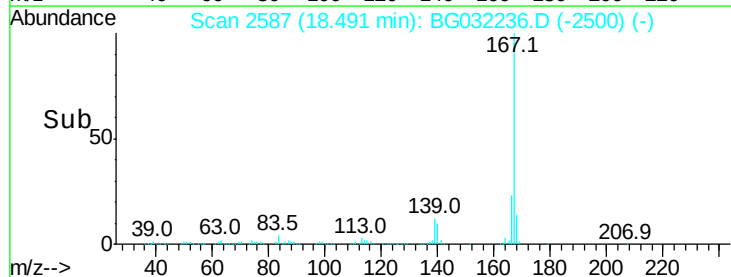
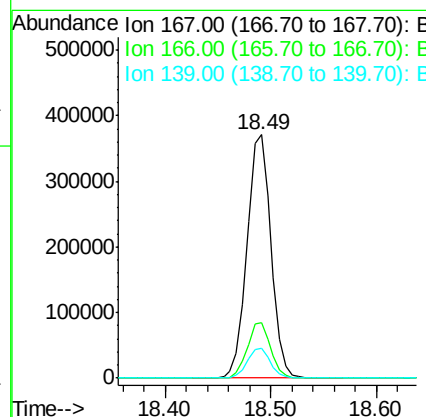
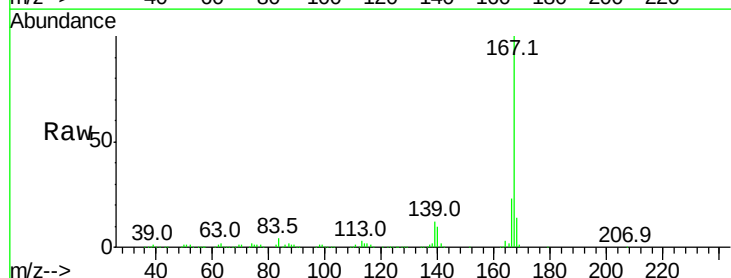
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

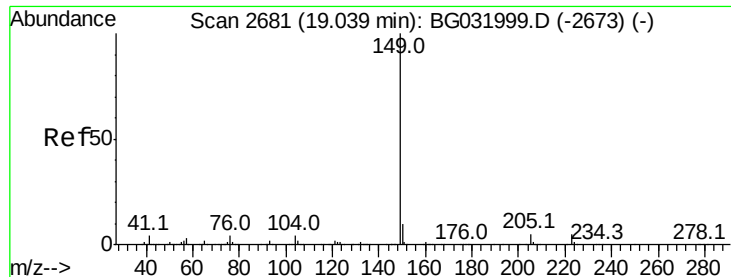
Tot Ion:178 Resp: 682480
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.0 24.0
 179 16.2 12.5 18.7



#72
 Carbazole
 Concen: 36.986 ng
 RT: 18.49 min Scan# 2587
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:167 Resp: 581338
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.2 27.4
 139 12.0 9.4 14.2

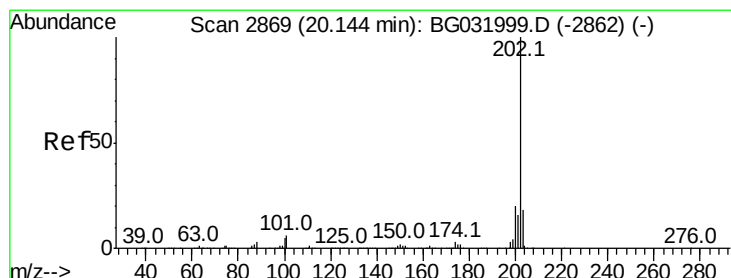
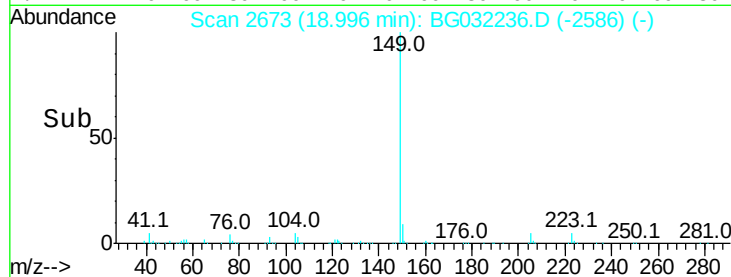
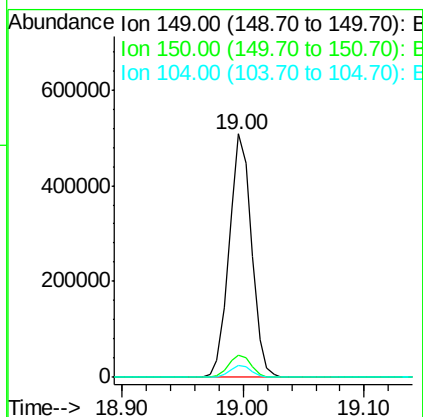
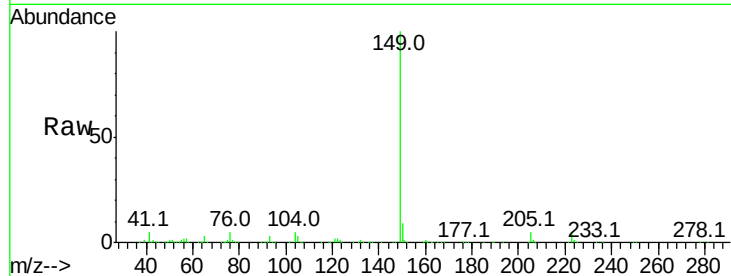




#73
Di-n-butylphthalate
Concen: 35.236 ng
RT: 19.00 min Scan# 2673
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

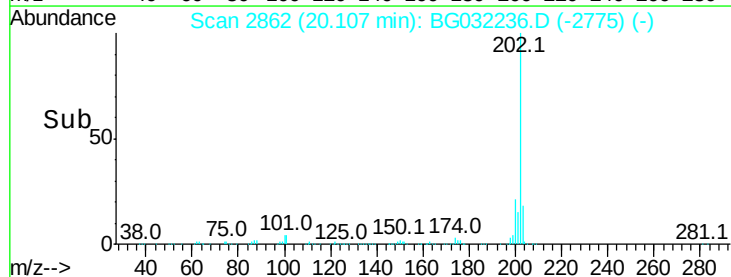
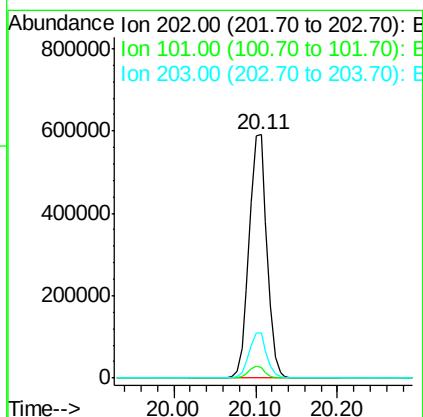
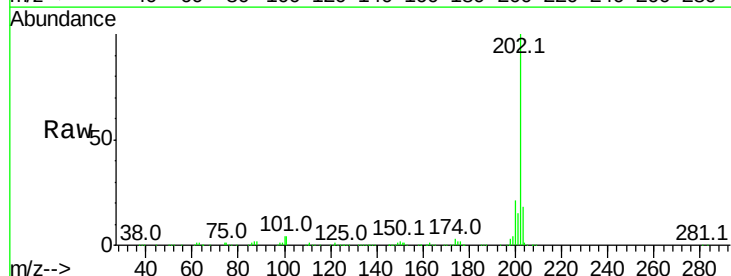
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

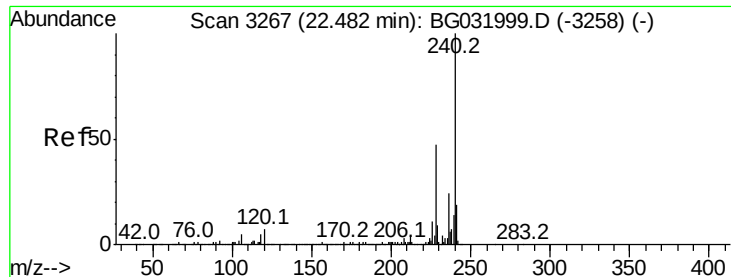
Tot Ion:149 Resp: 654435
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 5.2 3.9 5.9



#74
Fluoranthene
Concen: 39.492 ng
RT: 20.11 min Scan# 2862
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:202 Resp: 898232
Ion Ratio Lower Upper
202 100
101 4.5 0.0 28.9
203 18.4 0.0 37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.43 min Scan# 3257

Delta R.T. -0.02 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

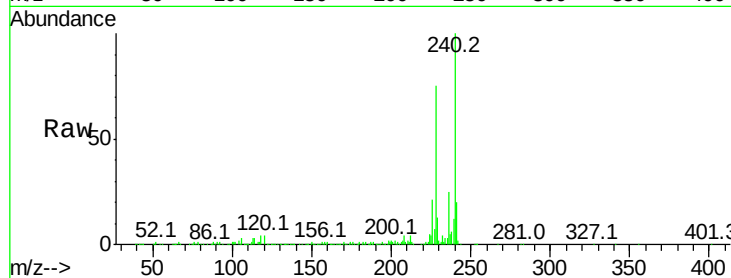
Tot Ion:240 Resp: 408301

Ion Ratio Lower Upper

240 100

120 4.3 6.8 10.2#

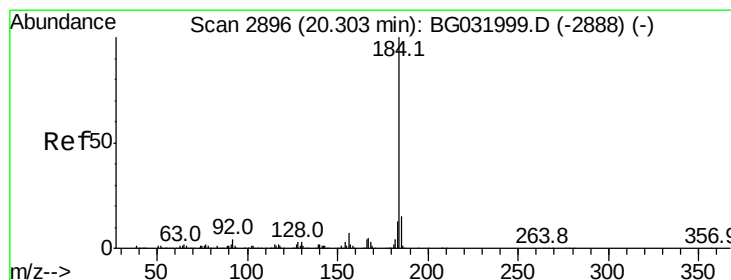
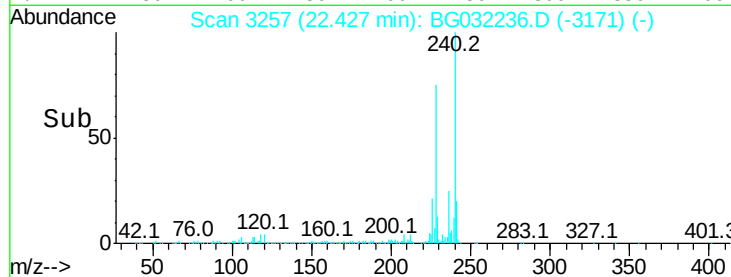
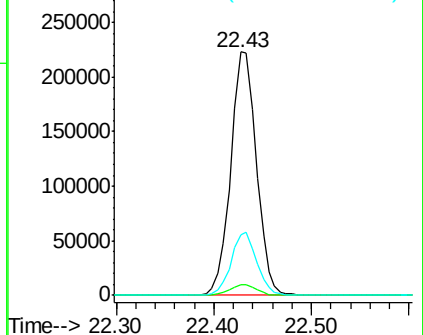
236 24.9 20.9 31.3



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: 19.576 ng

RT: 20.27 min Scan# 2889

Delta R.T. -0.01 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

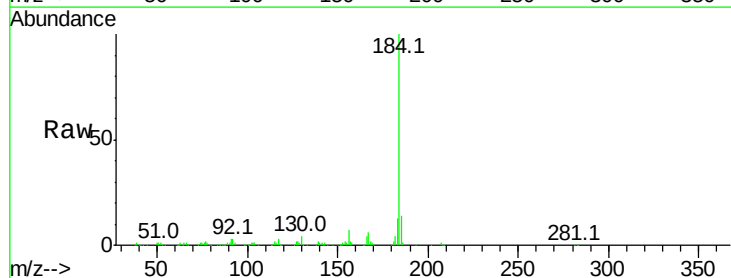
Tgt Ion:184 Resp: 199870

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

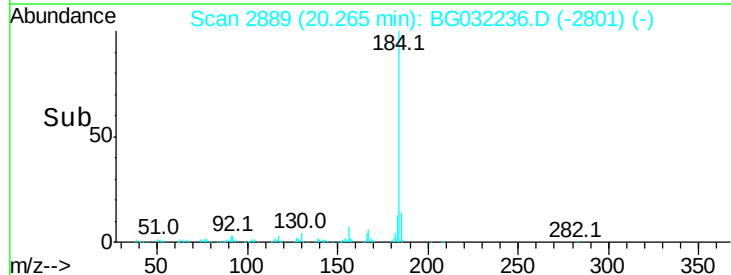
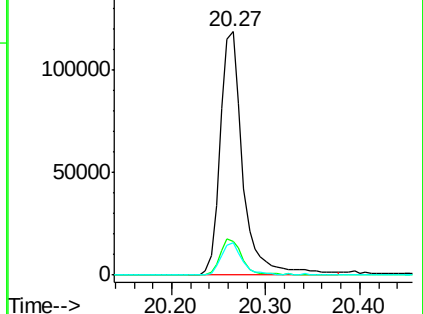
183 13.4 10.6 16.0

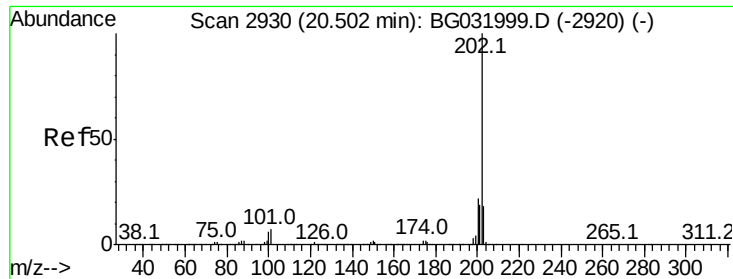


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

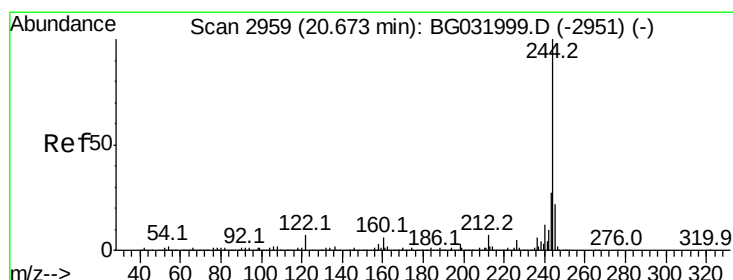
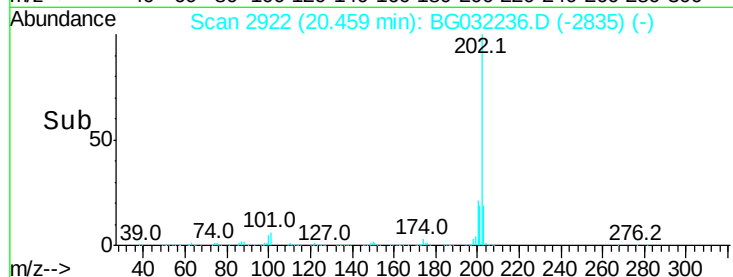
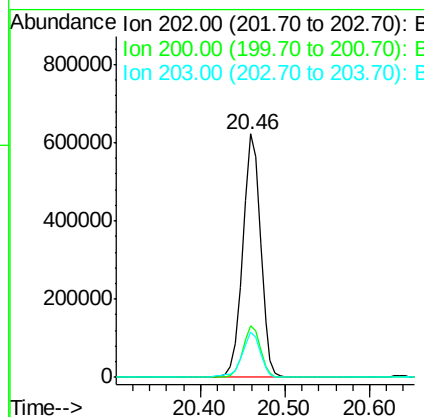
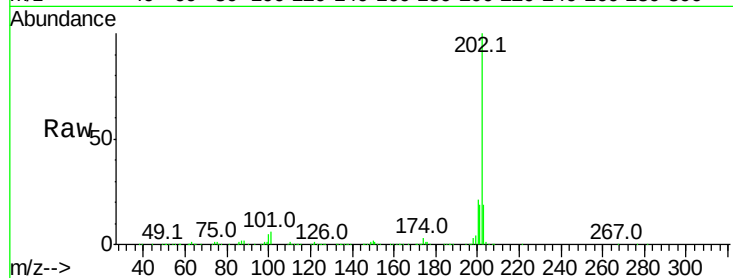




#77
Pvrene
Concen: 35.017 ng
RT: 20.46 min Scan# 2922
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

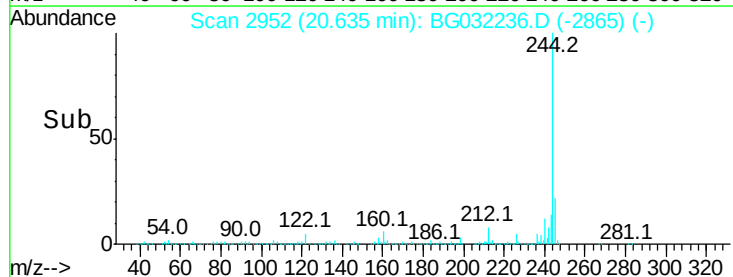
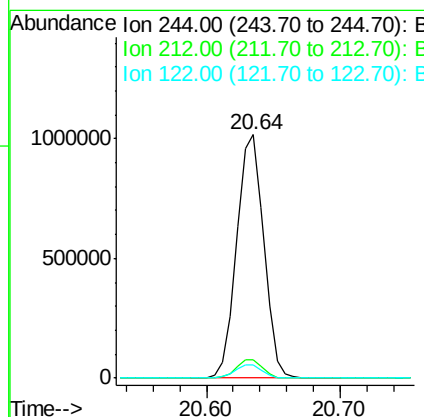
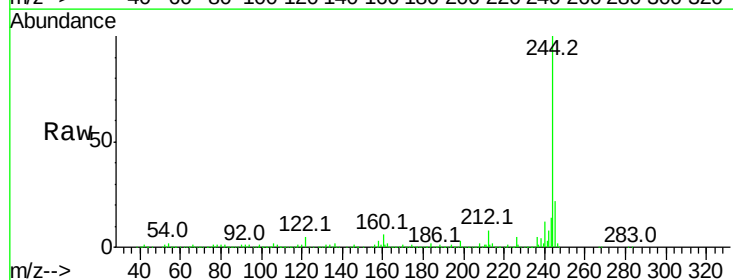
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

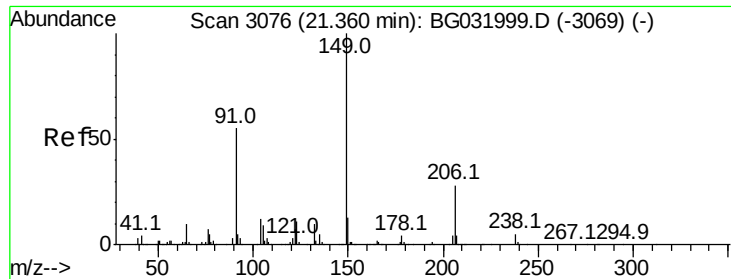
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	18.7	13.9	20.9



#78
Terphenyl-d14
Concen: 77.577 ng
RT: 20.64 min Scan# 2952
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.5	7.0	10.4#

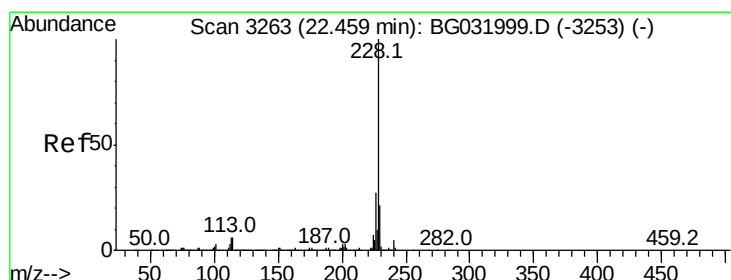
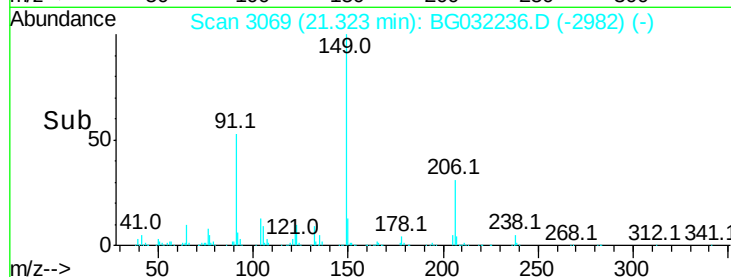
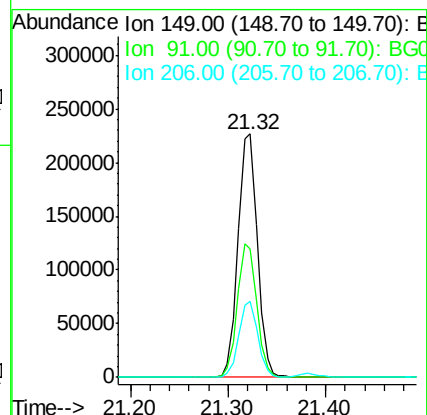
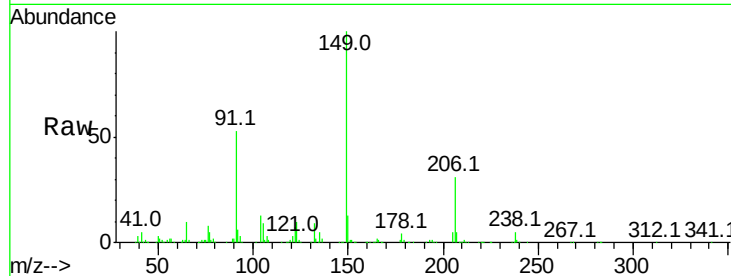




#79
Butylbenzylphthalate
Concen: 34.038 ng
RT: 21.32 min Scan# 3069
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

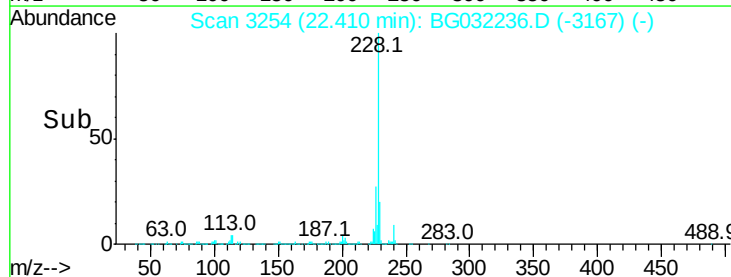
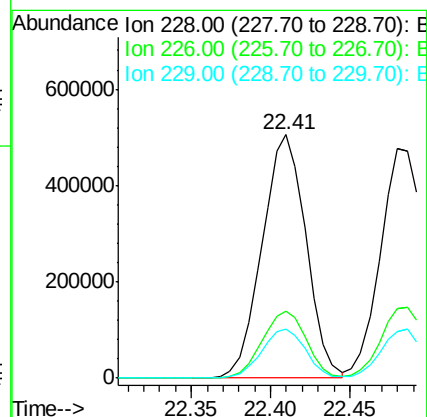
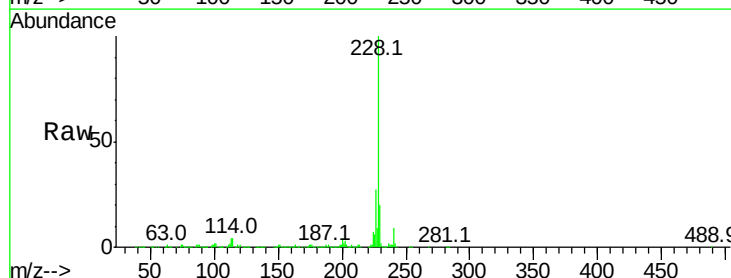
Instrument :
BNA_G
ClientSampleId :
PB105889BSD

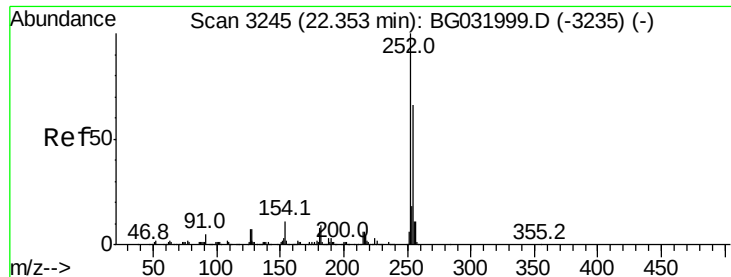
Tot Ion:149 Resp: 313020
Ion Ratio Lower Upper
149 100
91 53.0 62.2 93.2#
206 31.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 38.281 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.02 min
Lab File: BG032236.D
Acq: 23 Jan 2018 17:54

Tgt Ion:228 Resp: 972036
Ion Ratio Lower Upper
228 100
226 27.3 22.7 34.1
229 20.4 16.2 24.2

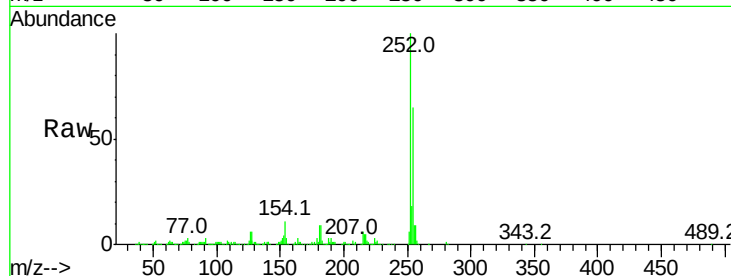




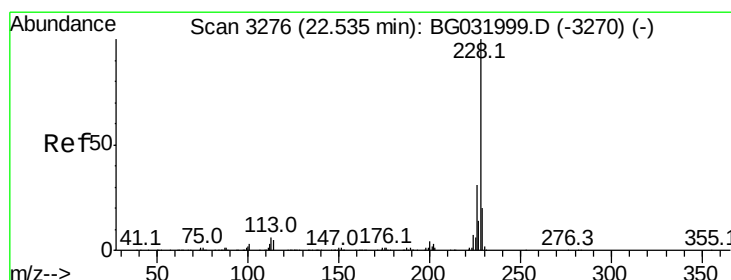
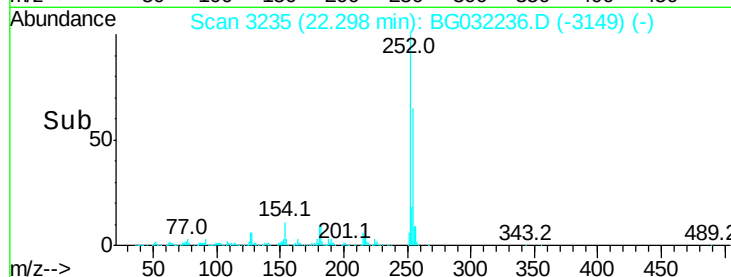
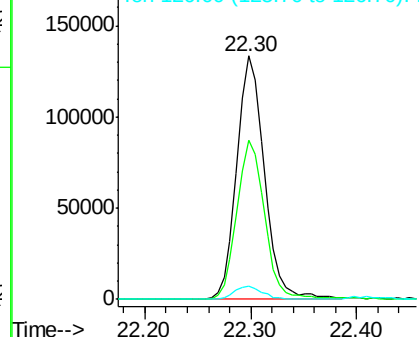
#81
 3,3'-Dichlorobenzidine
 Concen: 25.445 ng
 RT: 22.30 min Scan# 3235
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.8	76.2
126	5.7	7.4	11.2#

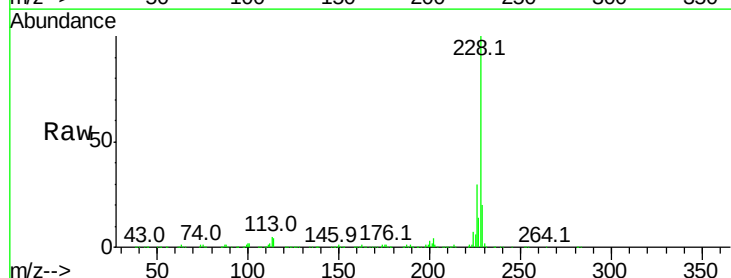


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

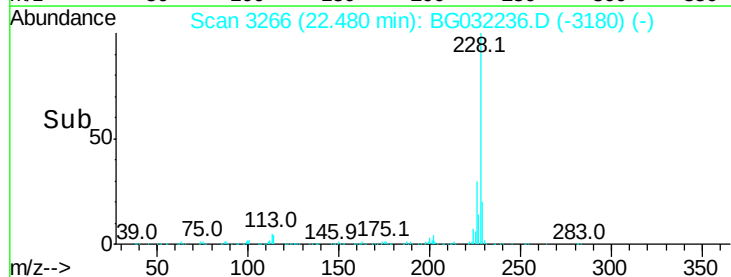
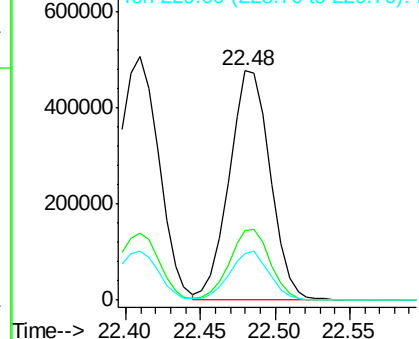


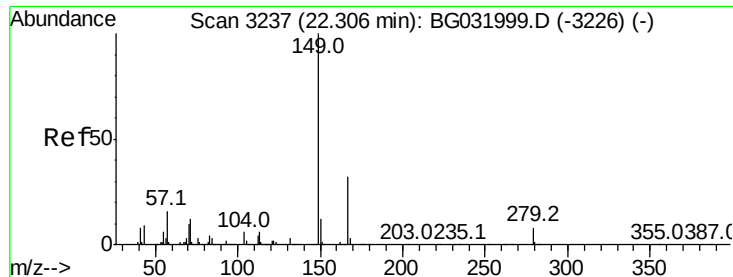
#82
 Chrysene
 Concen: 37.135 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.9	37.3
229	20.5	15.0	22.4



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

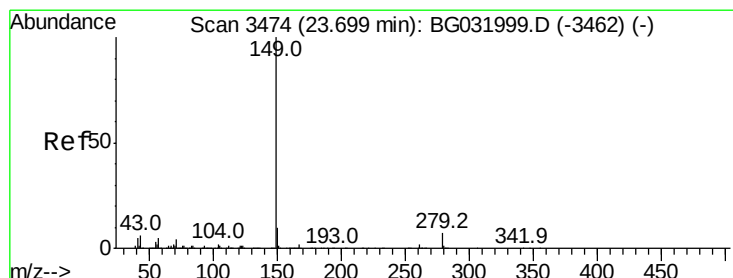
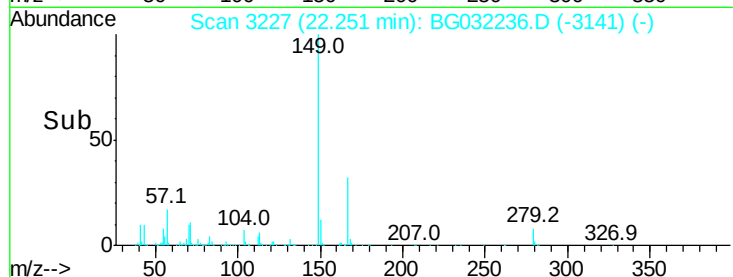
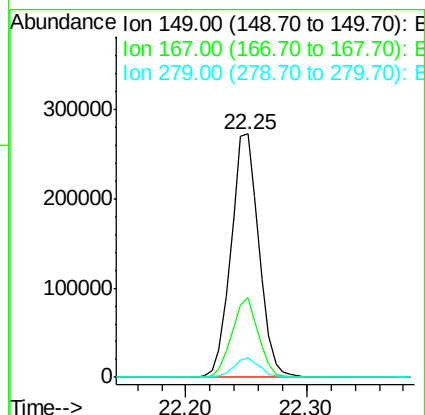
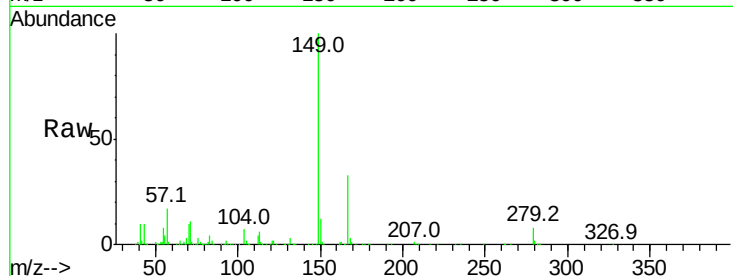




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 32.398 ng
 RT: 22.25 min Scan# 3227
 Delta R.T. -0.02 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

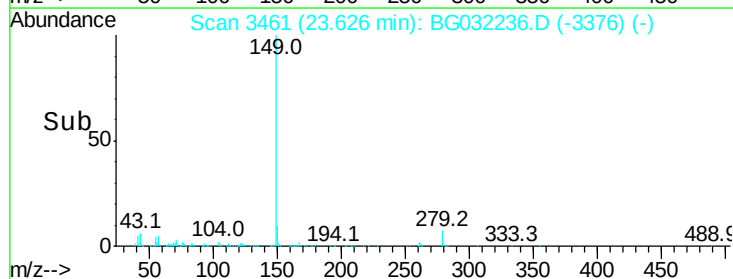
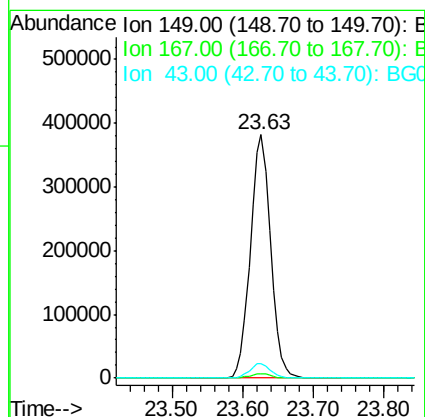
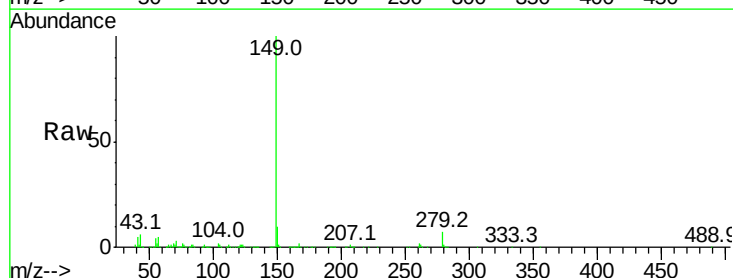
Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

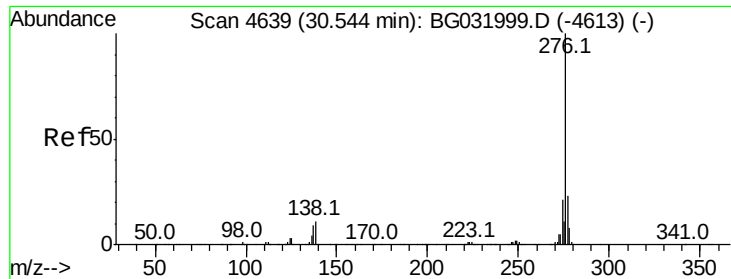
Tot Ion:149 Resp: 436906
 Ion Ratio Lower Upper
 149 100
 167 32.6 24.3 36.5
 279 7.9 4.0 6.0#



#84
 Di-n-octyl phthalate
 Concen: 35.640 ng
 RT: 23.63 min Scan# 3461
 Delta R.T. -0.03 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:149 Resp: 763345
 Ion Ratio Lower Upper
 149 100
 167 2.0 1.4 2.0
 43 6.2 8.9 13.3#



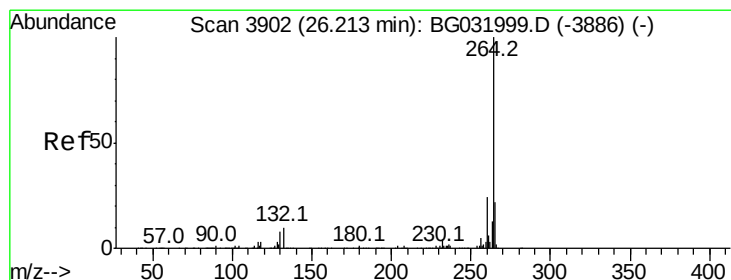
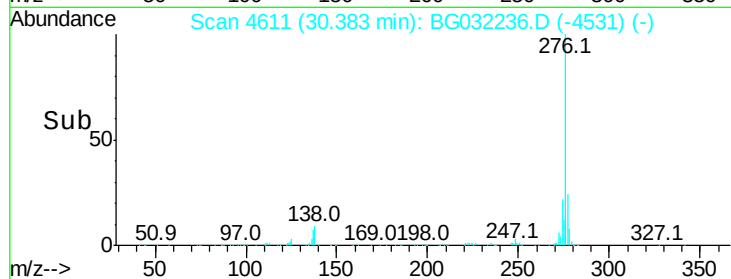
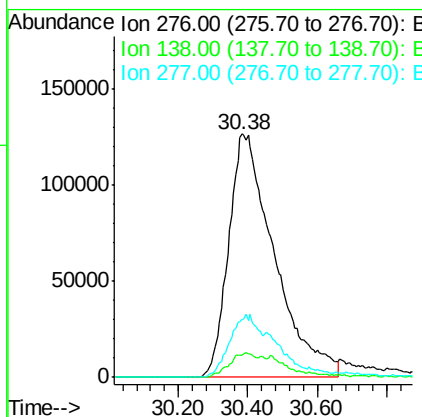
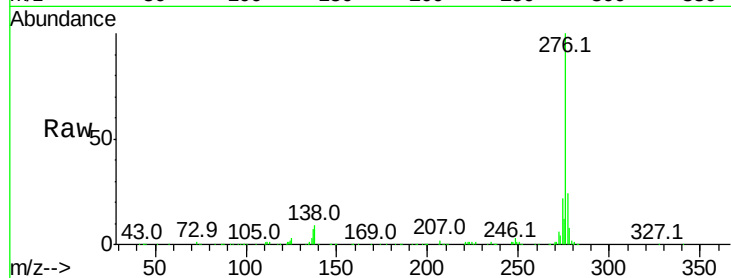


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 38.717 ng
 RT: 30.38 min Scan# 4611
 Delta R.T. -0.06 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion:276 Resp: 1155449

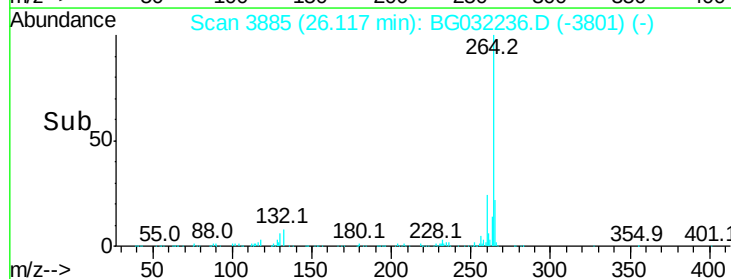
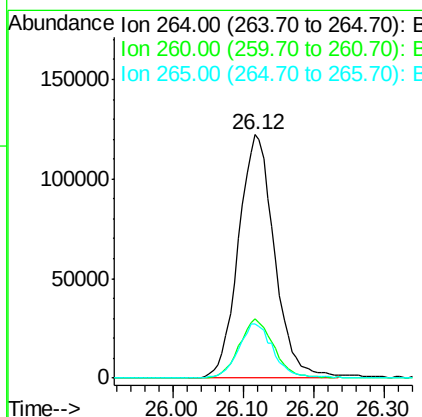
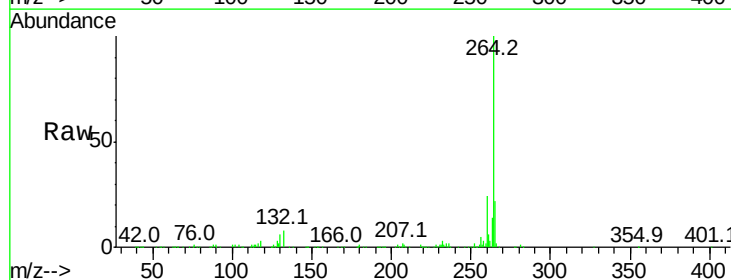
Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.0	24.0#
277	0.0	20.0	30.0#

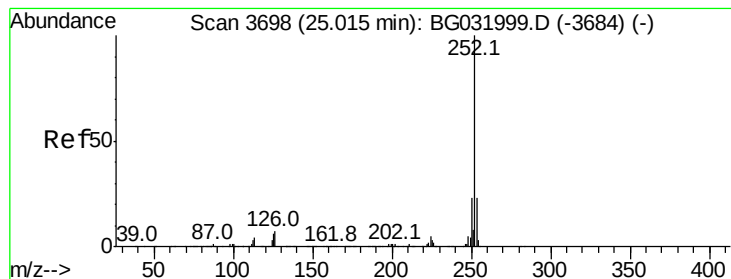


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.12 min Scan# 3885
 Delta R.T. -0.03 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Tgt Ion:264 Resp: 433013

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	22.1	17.7	26.5





#87

Benzo(b)fluoranthene

Concen: 38.981 ng

RT: 24.94 min Scan# 3684

Delta R.T. -0.03 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

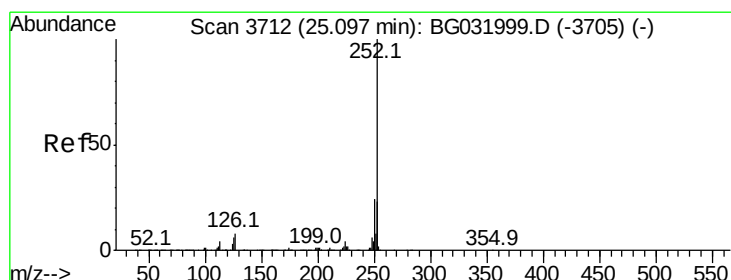
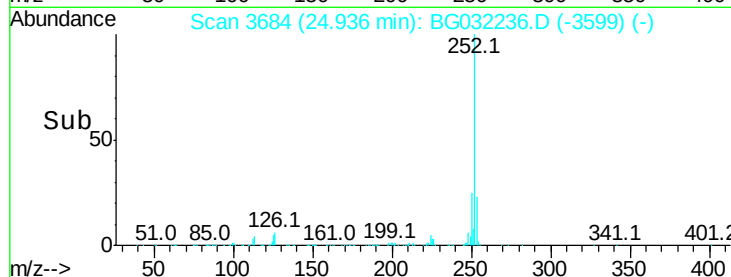
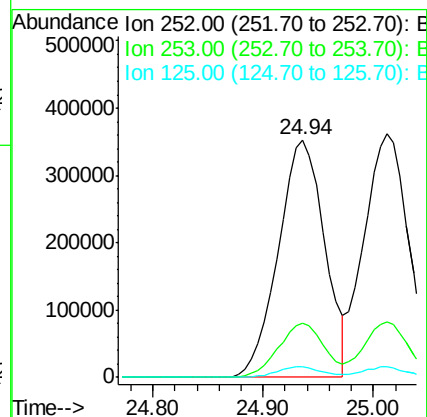
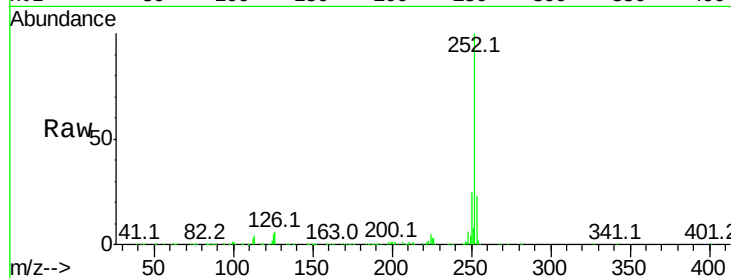
Tot Ion:252 Resp: 1020263

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.4

125 4.6 7.2 10.8#



#88

Benzo(k)fluoranthene

Concen: 40.631 ng

RT: 25.01 min Scan# 3697

Delta R.T. -0.03 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

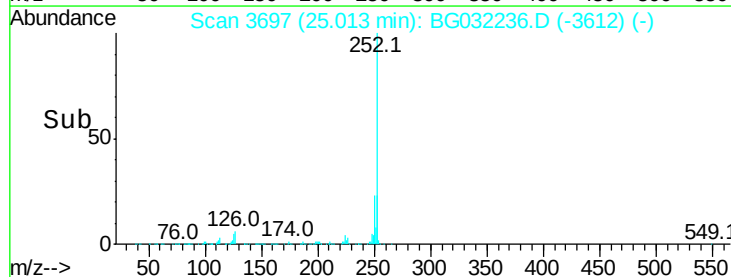
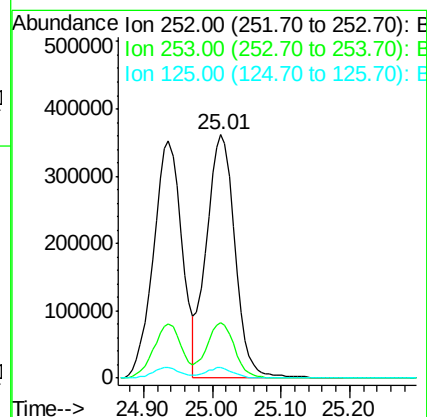
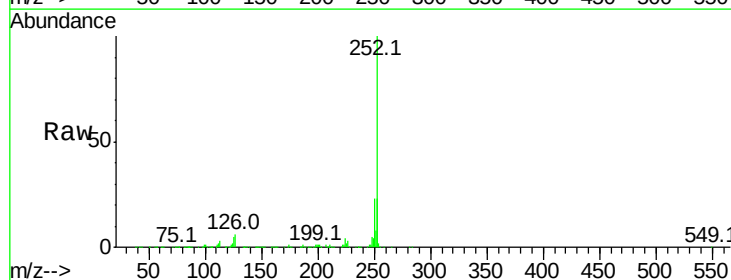
Tgt Ion:252 Resp: 1039162

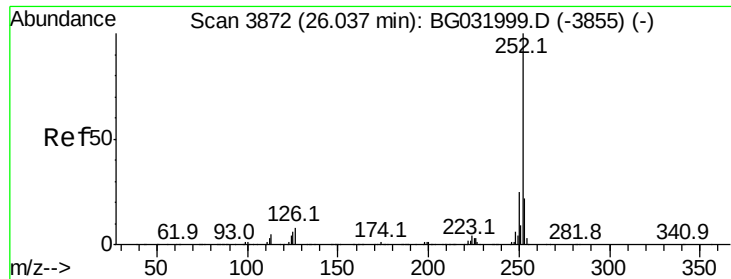
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 4.5 6.6 9.8#





#89

Benzo(a)pyrene

Concen: 40.813 ng

RT: 25.94 min Scan# 3855

Delta R.T. -0.03 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

Instrument :

BNA_G

ClientSampleId :

PB105889BSD

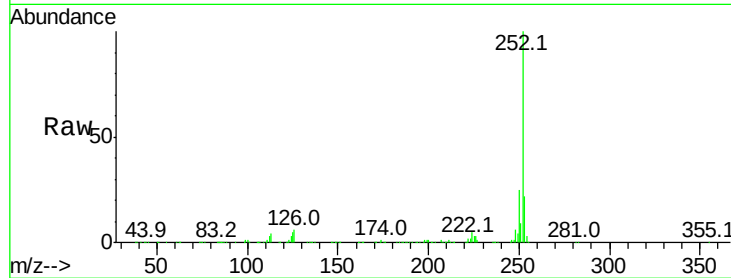
Tot Ion:252 Resp: 1010492

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.3	27.5
125	4.7	7.3	10.9

252 100

253 21.9 18.3 27.5

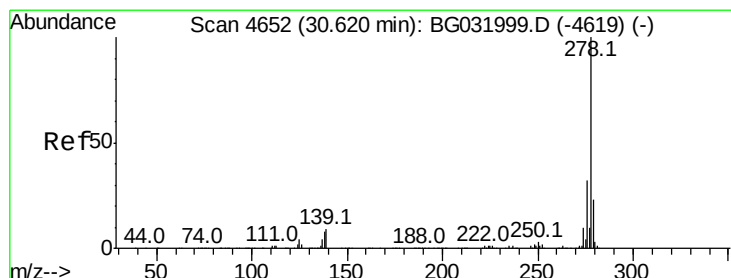
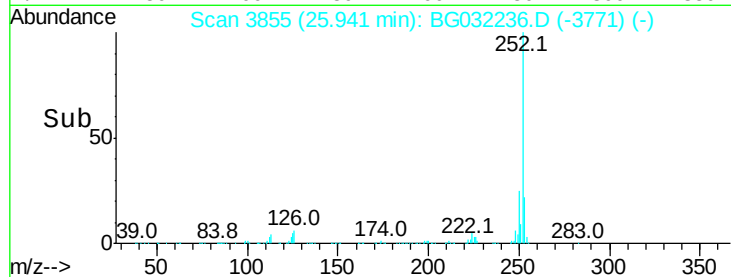
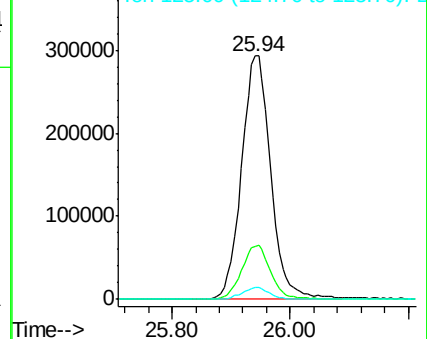
125 4.7 7.3 10.9



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: 38.984 ng

RT: 30.46 min Scan# 4625

Delta R.T. -0.05 min

Lab File: BG032236.D

Acq: 23 Jan 2018 17:54

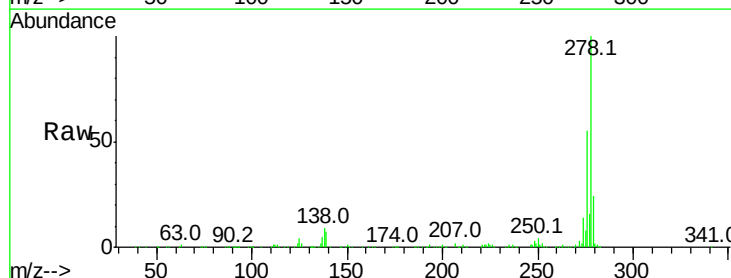
Tgt Ion:278 Resp: 930106

Ion	Ratio	Lower	Upper
278	100		
139	7.3	9.8	14.6
279	24.2	18.4	27.6

278 100

139 7.3 9.8 14.6

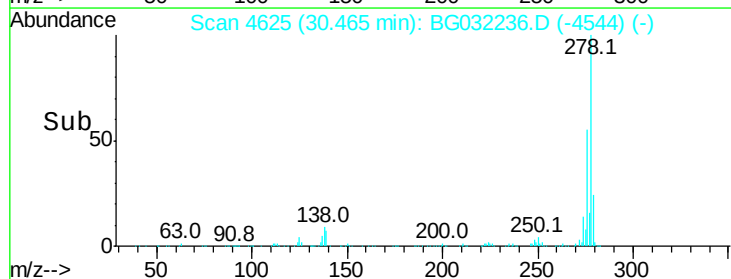
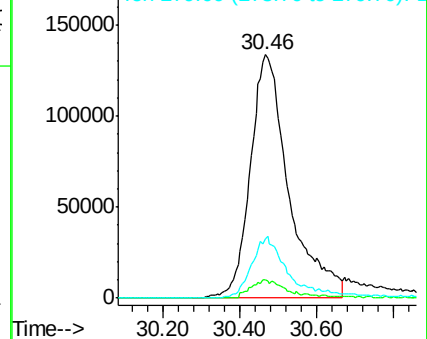
279 24.2 18.4 27.6

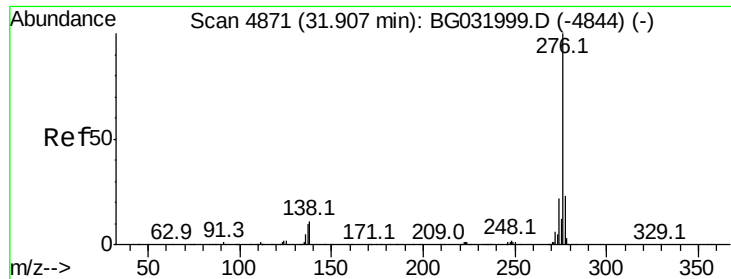


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.020 ng
 RT: 31.73 min Scan# 4841
 Delta R.T. -0.06 min
 Lab File: BG032236.D
 Acq: 23 Jan 2018 17:54

Instrument :
 BNA_G
 ClientSampleId :
 PB105889BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.4	18.3	27.5
138	9.1	13.9	20.9

