

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032332.D
 Acq On : 26 Jan 2018 17:29
 Operator : SJ/JU
 Sample : PB105792BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Quant Time: Jan 27 00:36:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	40539	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	156268	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	110156	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	290793	20.00	ng	0.00
75) Chrysene-d12	22.42	240	354966	20.00	ng	0.00
86) Perylene-d12	26.11	264	392646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.16	112	281153	126.84	ng	0.00
7) Phenol-d6	7.84	99	334085	119.68	ng	0.00
23) Nitrobenzene-d5	9.92	82	209251	90.59	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	250795	137.59	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	725470	81.66	ng	0.00
78) Terphenyl-d14	20.63	244	1413269	87.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.82	88	26953	31.652	ng	# 80
3) Pyridine	4.26	79	77065	33.905	ng	# 85
4) n-Nitrosodimethylamine	4.18	42	46704	58.486	ng	# 73
6) Aniline	8.02	93	37497	10.649	ng	# 93
8) 2-Chlorophenol	8.27	128	109278	44.058	ng	# 82
9) Benzaldehyde	7.82	77	44807	27.702	ng	# 83
10) Phenol	7.87	94	114214	41.534	ng	# 88
11) bis(2-Chloroethyl)ether	8.11	93	80791	36.671	ng	# 83
12) 1,3-Dichlorobenzene	8.61	146	131875	40.625	ng	# 94
13) 1,4-Dichlorobenzene	8.76	146	134241	41.071	ng	# 96
14) 1,2-Dichlorobenzene	9.09	146	125372	39.658	ng	# 95
15) Benzyl Alcohol	8.96	79	93497	46.104	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.25	45	75457	33.702	ng	# 81
17) 2-Methylphenol	9.16	107	83199	39.589	ng	# 96
18) Hexachloroethane	9.85	117	43884	43.687	ng	# 79
19) n-Nitroso-di-n-propylamine	9.53	70	66412	38.343	ng	# 89
20) 3+4-Methylphenols	9.49	107	113582	39.013	ng	# 96
22) Acetophenone	9.56	105	149170	42.024	ng	# 91
24) Nitrobenzene	9.97	77	105258	45.685	ng	# 90
25) Isophorone	10.49	82	185731	43.184	ng	# 87
26) 2-Nitrophenol	10.69	139	64670	47.371	ng	# 81
27) 2,4-Dimethylphenol	10.73	122	104469	48.222	ng	# 94
28) bis(2-Chloroethoxy)methane	10.97	93	108545	41.888	ng	# 95
29) 2,4-Dichlorophenol	11.23	162	132466	49.693	ng	# 88
30) 1,2,4-Trichlorobenzene	11.46	180	152312	44.242	ng	# 98
31) Naphthalene	11.65	128	322936	41.717	ng	# 98
32) Benzoic acid	10.84	122	63742	37.918	ng	# 69
33) 4-Chloroaniline	11.75	127	36870	11.107	ng	# 95
34) Hexachlorobutadiene	11.93	225	113296	45.819	ng	# 93
35) Caprolactam	12.51	113	35948	44.451	ng	# 54
36) 4-Chloro-3-methylphenol	12.83	107	119104	48.814	ng	# 84
37) 2-Methylnaphthalene	13.22	142	263413	42.860	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	207405	43.194	ng	# 95
40) Hexachlorocyclopentadiene	13.55	237	299876	110.881	ng	# 93

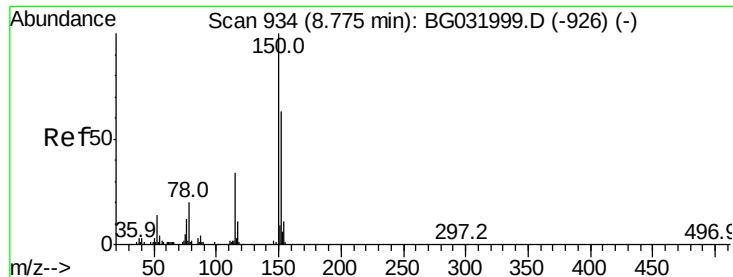
Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
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Quant Time: Jan 27 00:36:06 2018
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	127458	47.242	nq	98
43) 2,4,5-Trichlorophenol	13.88	196	138521	44.357	nq #	87
45) 1,1'-Biphenyl	14.20	154	377007	39.923	nq	94
46) 2-Chloronaphthalene	14.25	162	292229	39.779	nq	98
47) 2-Nitroaniline	14.44	65	67893	48.275	nq #	69
48) Acenaphthylene	15.09	152	437382	39.097	nq	98
49) Dimethylphthalate	14.79	163	395325	41.011	nq #	98
50) 2,6-Dinitrotoluene	14.92	165	88499	44.231	nq #	73
51) Acenaphthene	15.42	154	351910	47.573	nq	97
52) 3-Nitroaniline	15.24	138	30636	16.953	nq #	72
53) 2,4-Dinitrophenol	15.45	184	123916	119.677	nq #	55
54) Dibenzofuran	15.76	168	465729	42.205	nq	99
55) 4-Nitrophenol	15.54	139	134357	102.019	nq #	77
56) 2,4-Dinitrotoluene	15.70	165	129288	47.995	nq #	70
57) Fluorene	16.40	166	378222	41.791	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.97	232	148562	51.425	nq #	86
59) Diethylphthalate	16.13	149	386678	41.378	nq	97
60) 4-Chlorophenyl-phenylether	16.37	204	242046	43.598	nq	95
61) 4-Nitroaniline	16.40	138	66715	38.486	nq	87
62) Azobenzene	16.67	77	248066	42.411	nq	85
64) 4,6-Dinitro-2-methylphenol	16.46	198	86367	46.565	nq #	69
65) n-Nitrosodiphenylamine	16.58	169	349405	39.598	nq	99
66) 4-Bromophenyl-phenylether	17.27	248	175834	42.498	nq	94
67) Hexachlorobenzene	17.40	284	183714	40.134	nq #	90
68) Atrazine	17.51	200	167587	45.161	nq	97
69) Pentachlorophenol	17.73	266	245317	83.845	nq	98
70) Phenanthrene	18.14	178	657042	40.583	nq	99
71) Anthracene	18.22	178	681504	42.204	nq	98
72) Carbazole	18.48	167	581525	41.513	nq	99
73) Di-n-butylphthalate	18.99	149	660569	39.907	nq	99
74) Fluoranthene	20.10	202	890942	43.952	nq	95
76) Benzidine	20.26	184	180585	20.345	nq	98
77) Pyrene	20.46	202	896569	40.179	nq	98
79) Butylbenzylphthalate	21.31	149	303424	37.952	nq #	77
80) Benzo(a)anthracene	22.40	228	952277	43.137	nq	99
81) 3,3'-Dichlorobenzidine	22.29	252	159099	19.293	nq #	94
82) Chrysene	22.48	228	891531	42.052	nq	98
83) Bis(2-ethylhexyl)phthalate	22.24	149	422015	35.996	nq #	98
84) Di-n-octyl phthalate	23.61	149	727561	39.073	nq #	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1193096	45.985	nq #	86
87) Benzo(b)fluoranthene	24.93	252	998468	42.070	nq #	95
88) Benzo(k)fluoranthene	25.00	252	983873	42.424	nq #	95
89) Benzo(a)pyrene	25.93	252	977783	43.552	nq #	95
90) Dibenzo(a,h)anthracene	30.46	278	985532	45.554	nq #	93
91) Benzo(g,h,i)perylene	31.72	276	993810	44.943	nq #	91

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

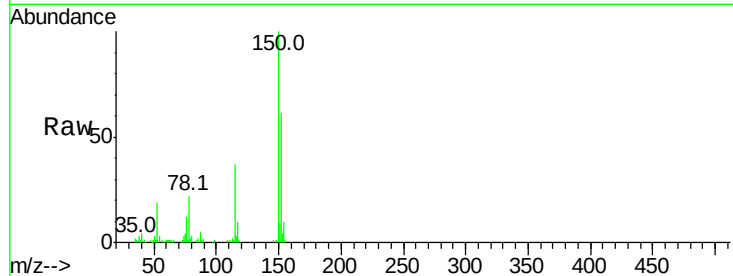


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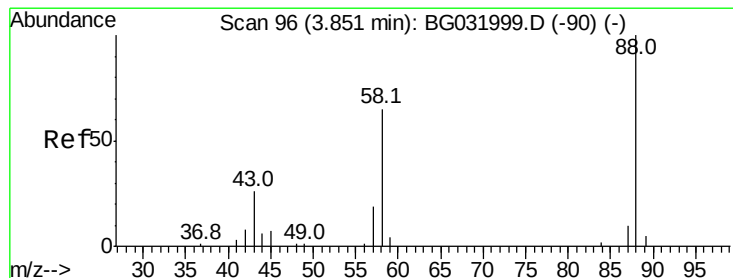
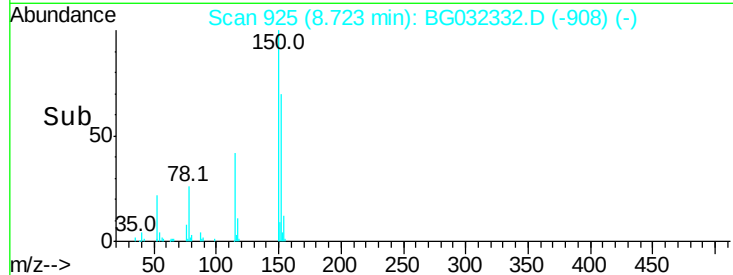
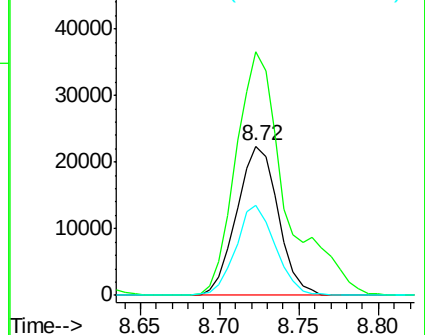
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:152 Resp: 40539
Ion Ratio Lower Upper
152 100
150 163.5 126.6 189.8
115 60.5 53.0 79.4



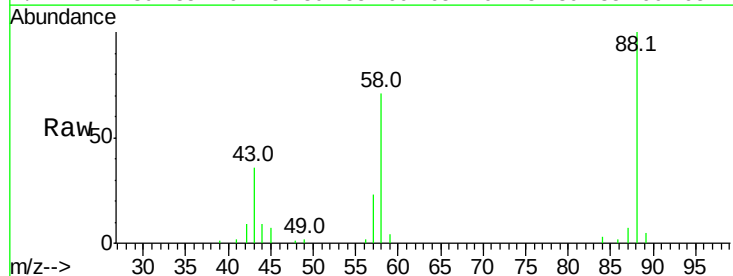
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



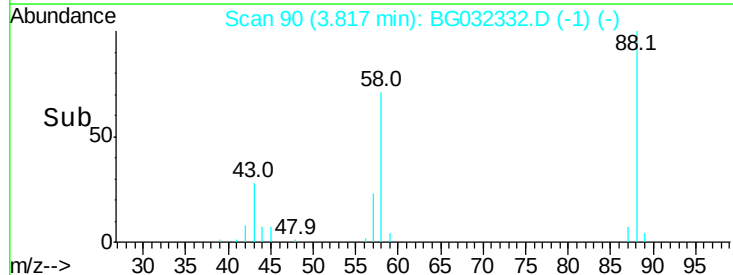
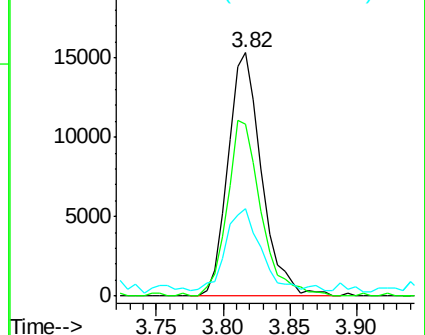
#2

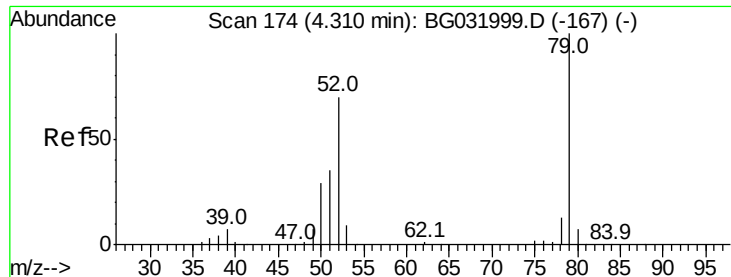
1,4-Dioxane
Concen: 31.652 ng
RT: 3.82 min Scan# 90
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion: 88 Resp: 26953
Ion Ratio Lower Upper
88 100
58 72.7 79.6 119.4#
43 35.0 27.4 41.0



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





#3

Pvridine

Concen: 33.905 ng

RT: 4.26 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

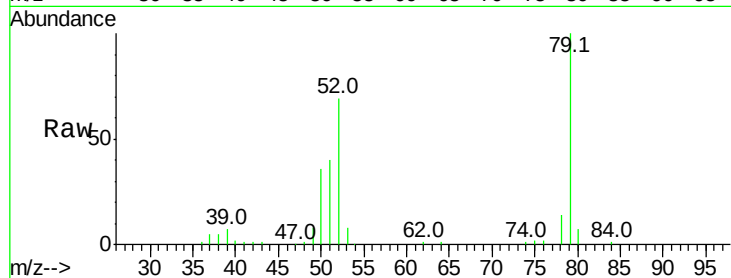
Tot Ion: 79 Resp: 77065

Ion Ratio Lower Upper

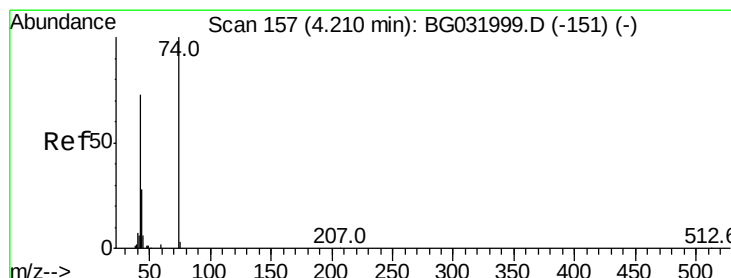
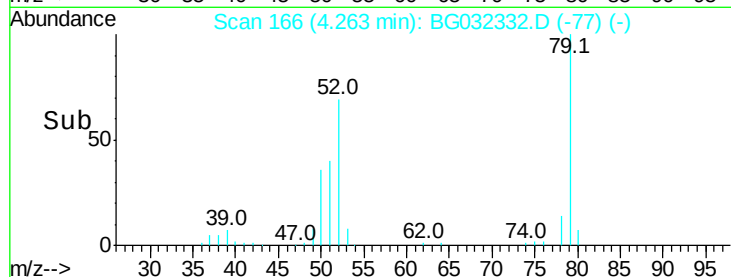
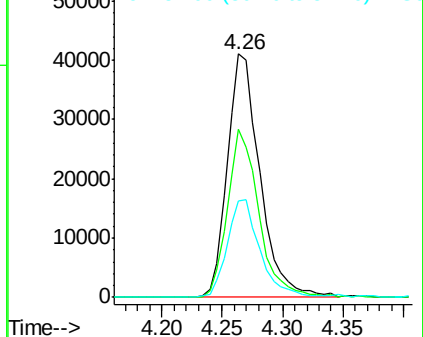
79 100

52 69.0 69.9 104.9#

51 39.8 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: 58.486 ng

RT: 4.18 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

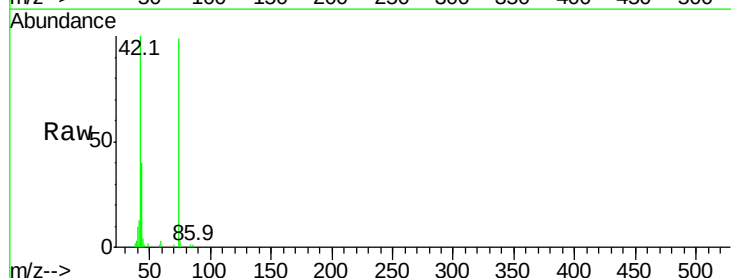
Tgt Ion: 42 Resp: 46704

Ion Ratio Lower Upper

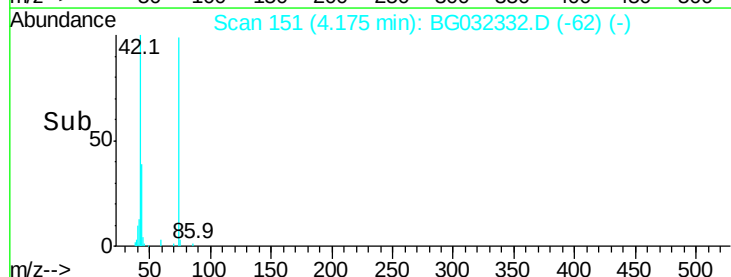
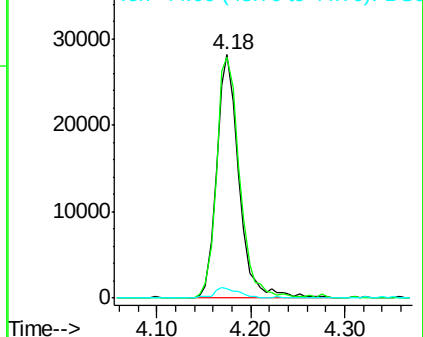
42 100

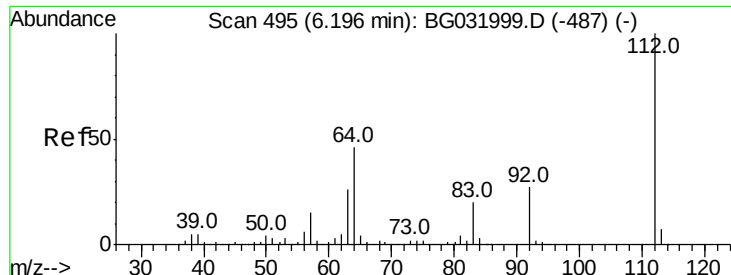
74 99.3 102.5 153.7#

44 4.0 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: 126.843 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

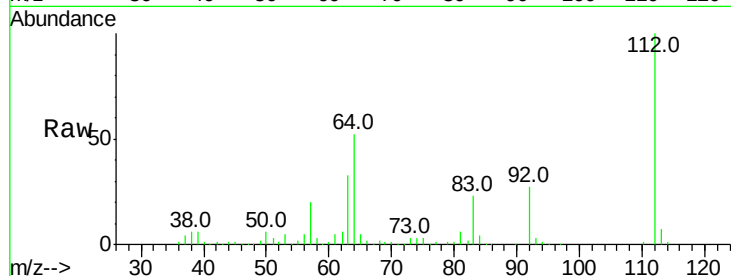
Tot Ion:112 Resp: 281153

Ion Ratio Lower Upper

112 100

64 52.2 56.3 84.5#

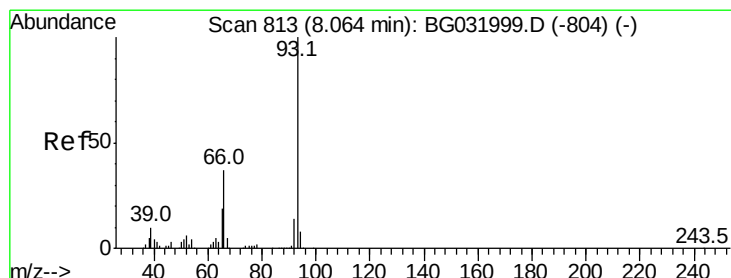
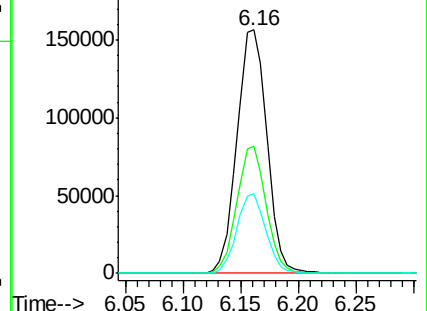
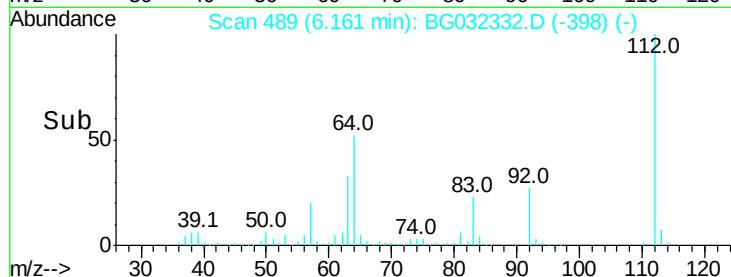
63 33.0 30.1 45.1



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: 10.649 ng

RT: 8.02 min Scan# 806

Delta R.T. 0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

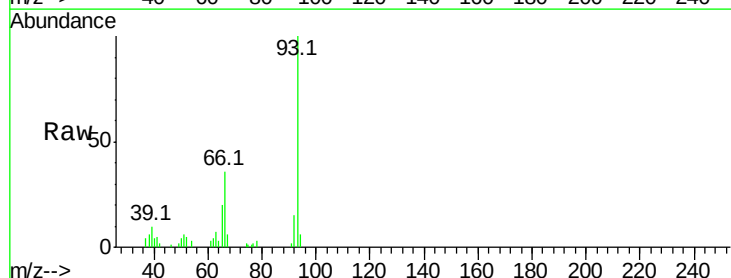
Tgt Ion: 93 Resp: 37497

Ion Ratio Lower Upper

93 100

66 35.5 33.7 50.5

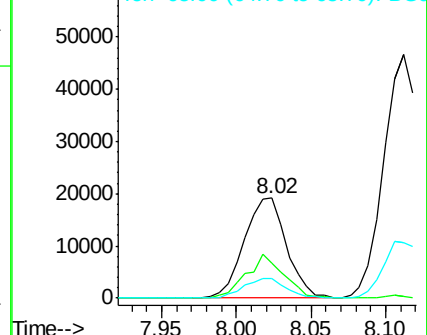
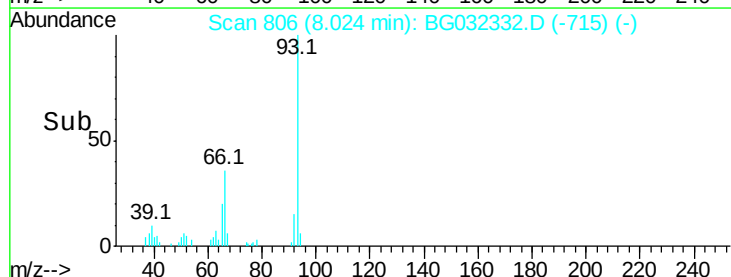
65 20.3 16.1 24.1

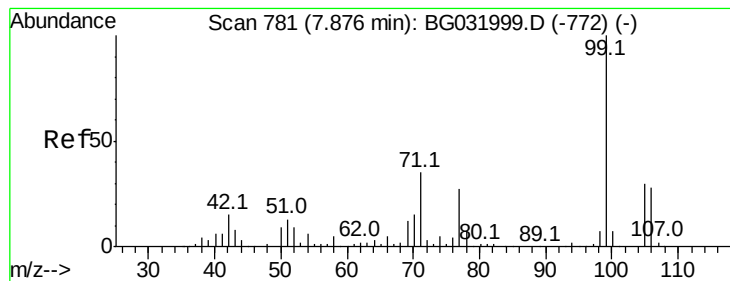


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.675 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.01 min

Lab File: BG032332.D

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ClientSampleId :

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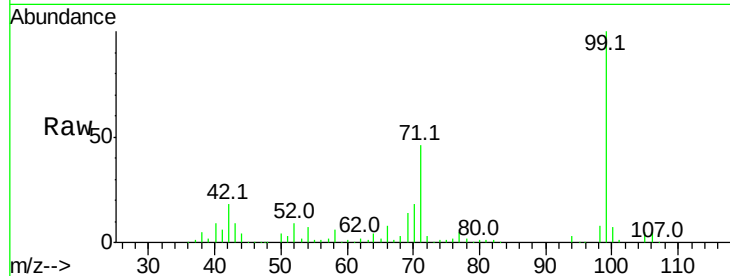
Tot Ion: 99 Resp: 334085

Ion Ratio Lower Upper

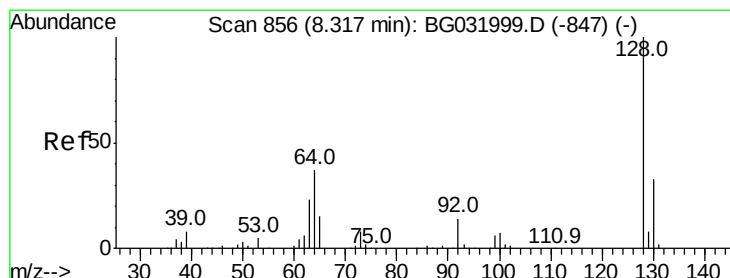
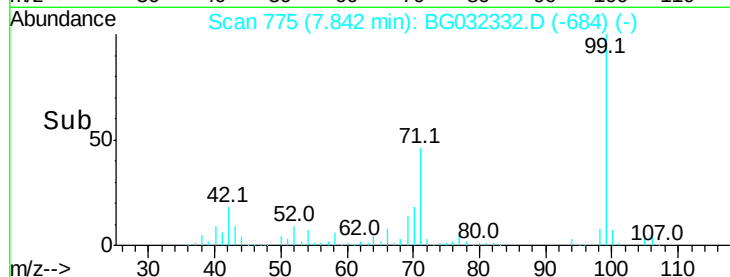
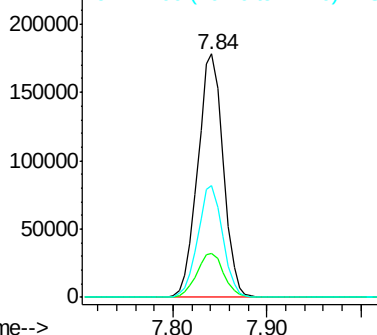
99 100

42 18.0 14.1 21.1

71 45.9 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: 44.058 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

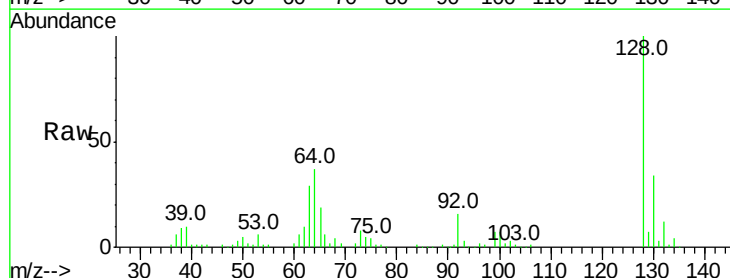
Tgt Ion:128 Resp: 109278

Ion Ratio Lower Upper

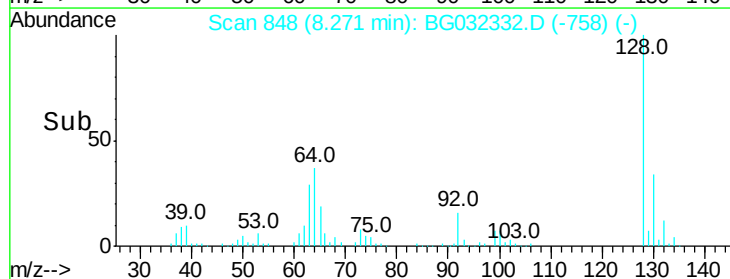
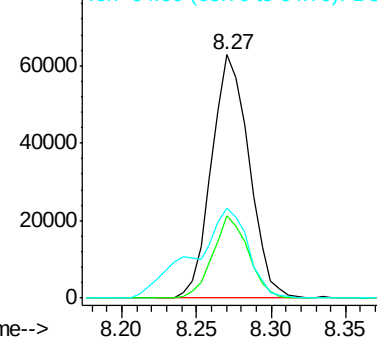
128 100

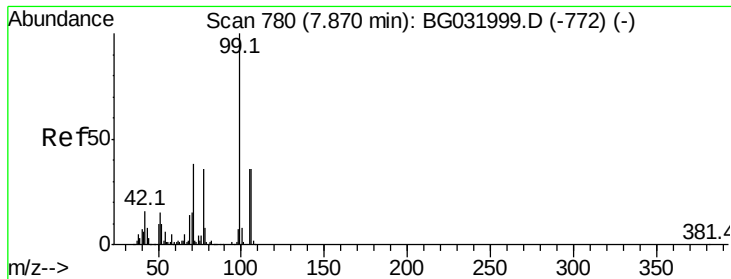
130 33.6 14.0 54.0

64 37.0 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: 27.702 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

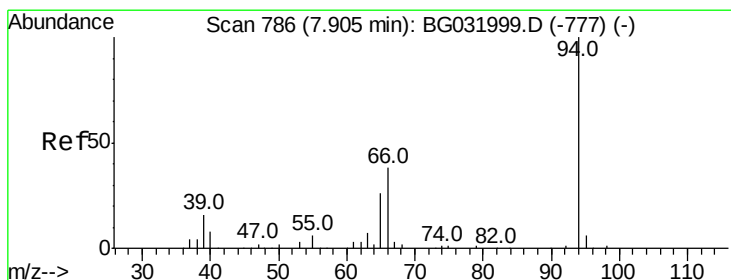
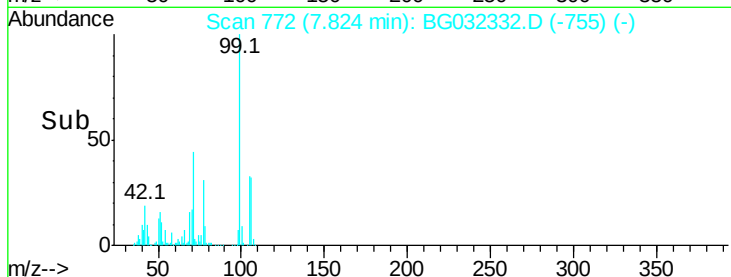
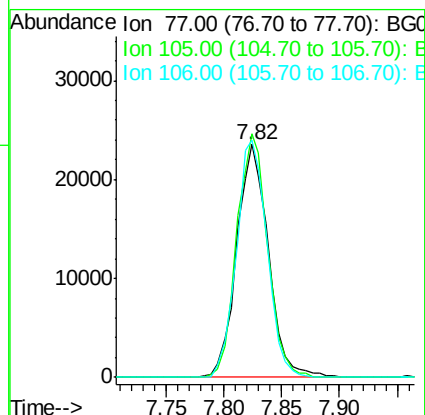
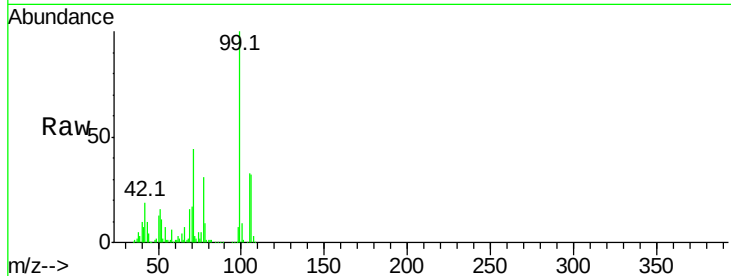
Tot Ion: 77 Resp: 44807

Ion Ratio Lower Upper

77 100

105 104.6 71.3 111.3

106 101.9 64.2 104.2



#10

Phenol

Concen: 41.534 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

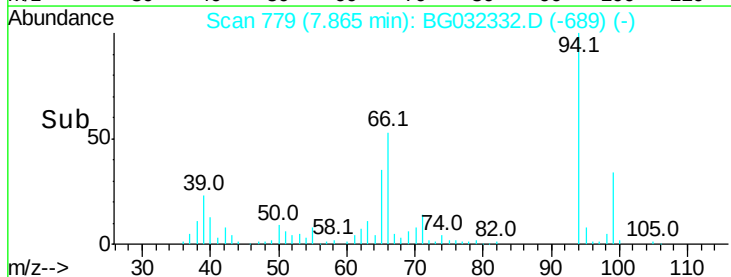
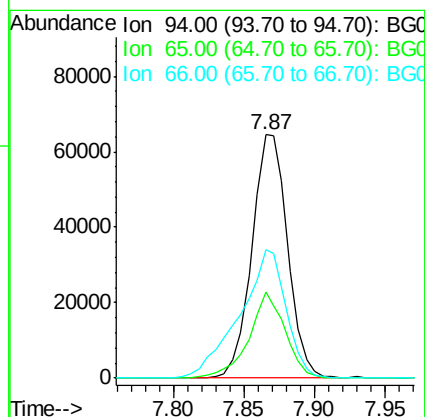
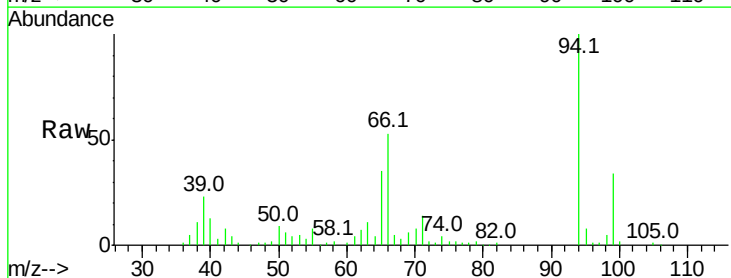
Tgt Ion: 94 Resp: 114214

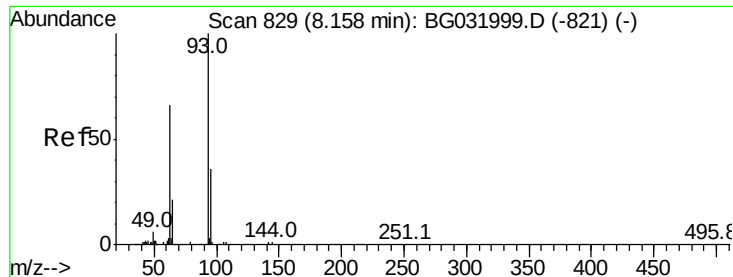
Ion Ratio Lower Upper

94 100

65 35.2 11.9 51.9

66 52.9 22.2 62.2

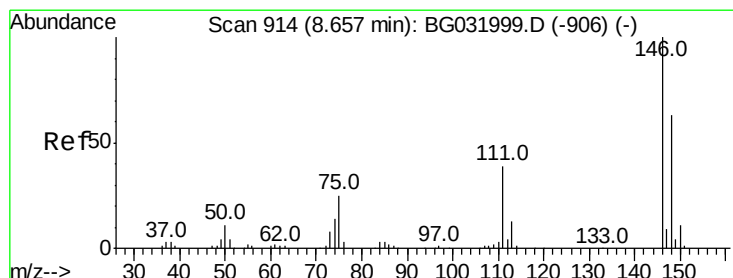
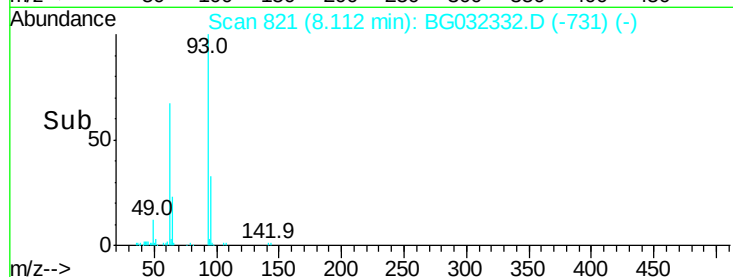
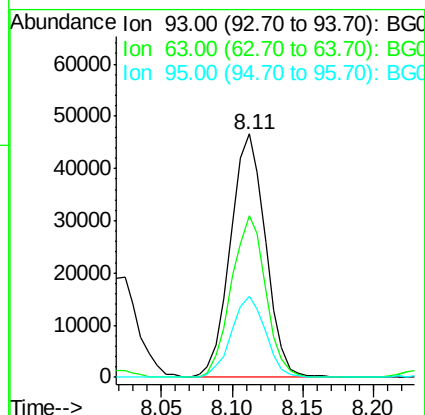
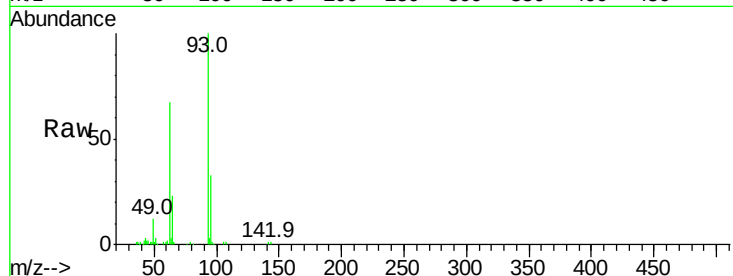




#11
bis(2-Chloroethyl)ether
Concen: 36.671 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

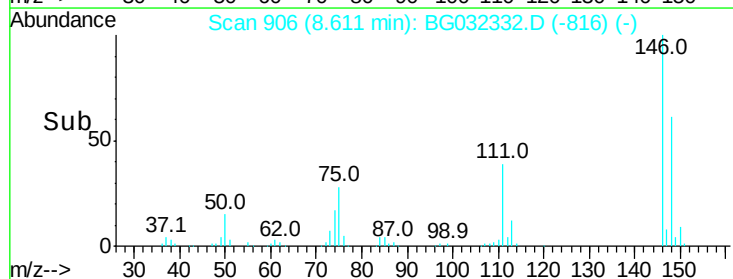
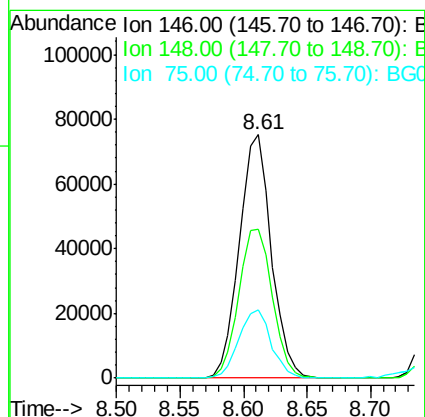
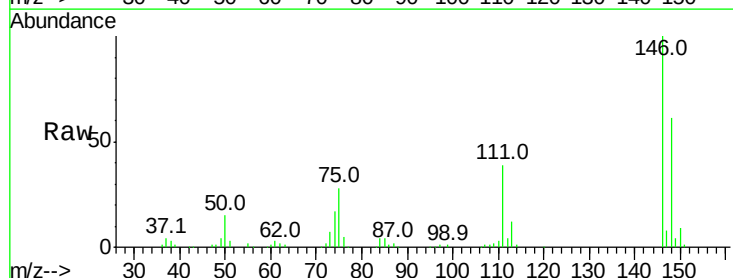
Instrument :
BNA_G
ClientSampleId :
PB105792BS

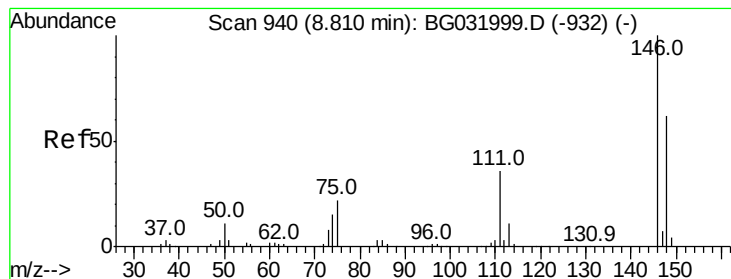
Tot Ion: 93 Resp: 80791
Ion Ratio Lower Upper
93 100
63 66.6 67.1 107.1#
95 33.4 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 40.625 ng
RT: 8.61 min Scan# 906
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion: 146 Resp: 131875
Ion Ratio Lower Upper
146 100
148 61.0 51.4 77.2
75 28.2 26.6 39.8

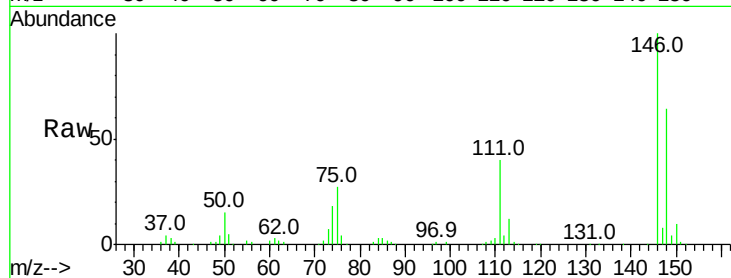




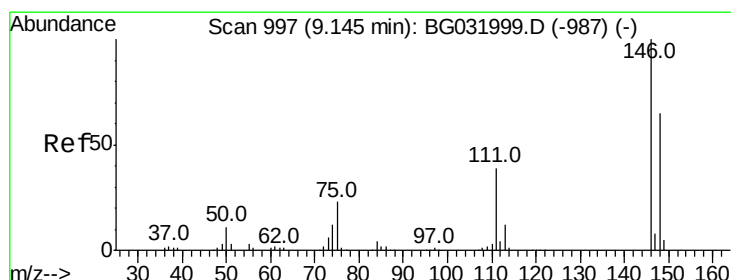
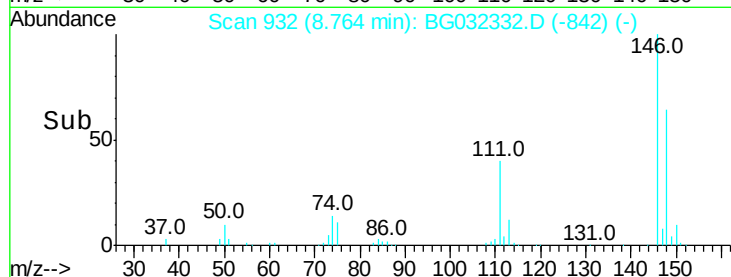
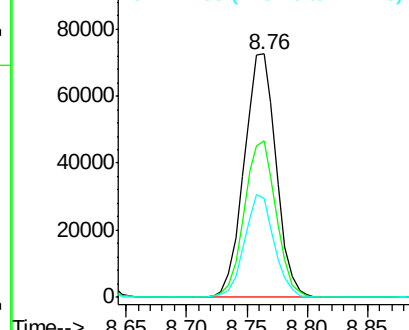
#13
 1,4-Dichlorobenzene
 Concen: 41.071 ng
 RT: 8.76 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Instrument :
 BNA_G
 ClientSampleID :
 PB105792BS

Tot Ion:146 Resp: 134241
 Ion Ratio Lower Upper
 146 100
 148 64.3 53.7 80.5
 111 40.4 35.2 52.8

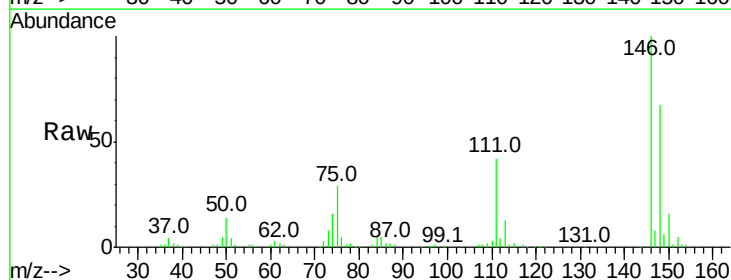


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

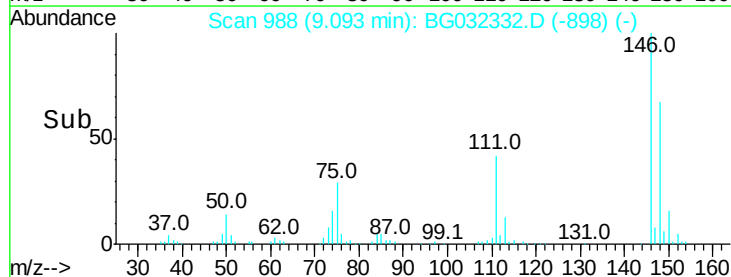
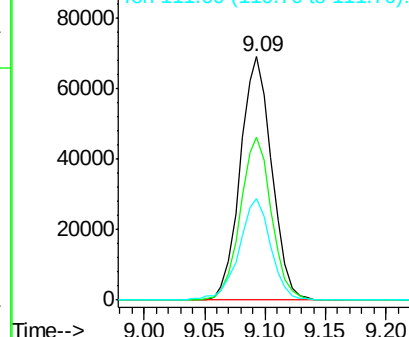


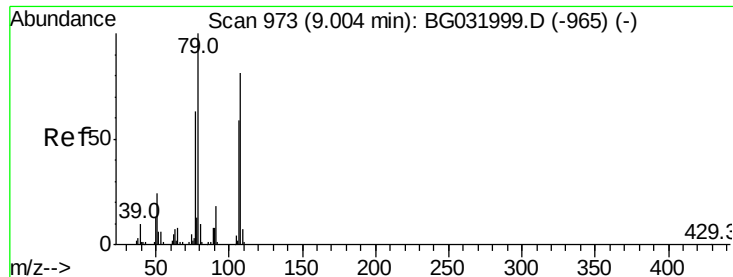
#14
 1,2-Dichlorobenzene
 Concen: 39.658 ng
 RT: 9.09 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion:146 Resp: 125372
 Ion Ratio Lower Upper
 146 100
 148 67.0 49.3 73.9
 111 41.8 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: 46.104 ng

RT: 8.96 min Scan# 965

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

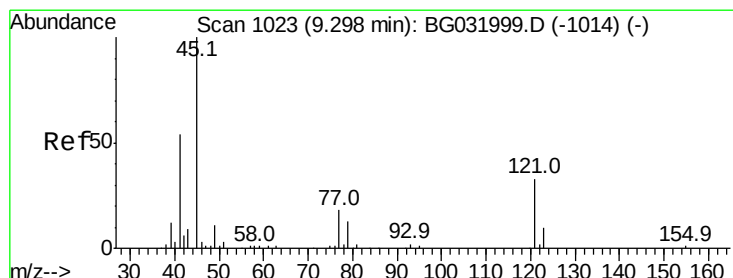
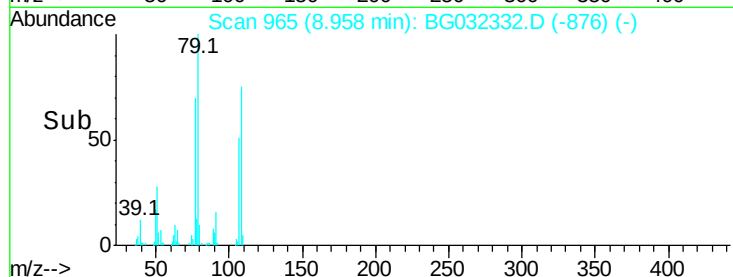
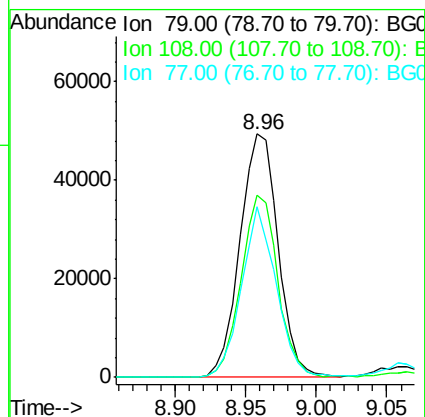
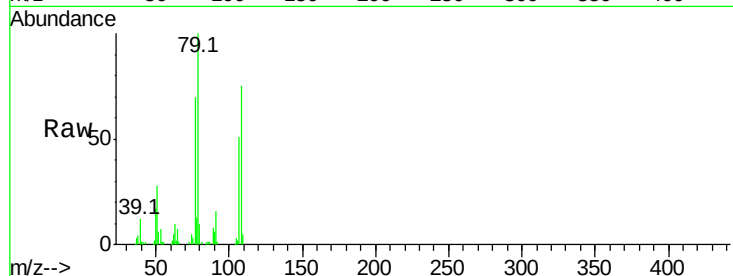
Tot Ion: 79 Resp: 93497

Ion Ratio Lower Upper

79 100

108 74.8 57.2 85.8

77 70.1 46.1 69.1#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.702 ng

RT: 9.25 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

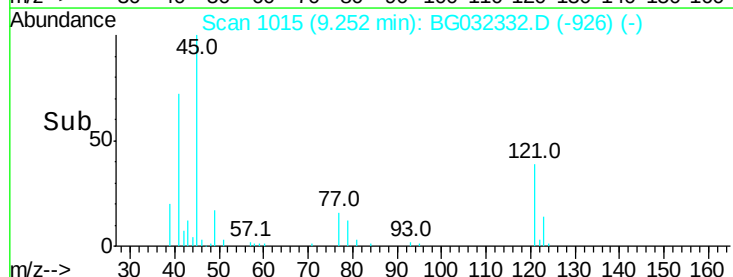
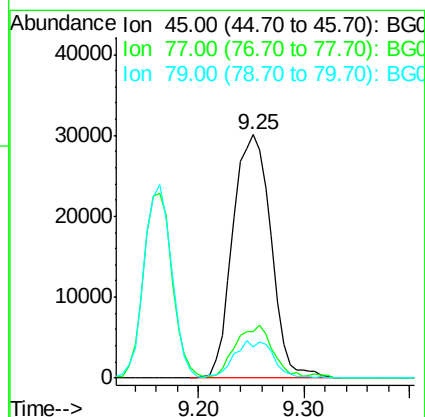
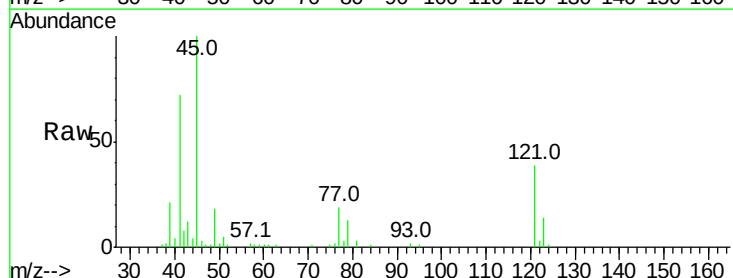
Tgt Ion: 45 Resp: 75457

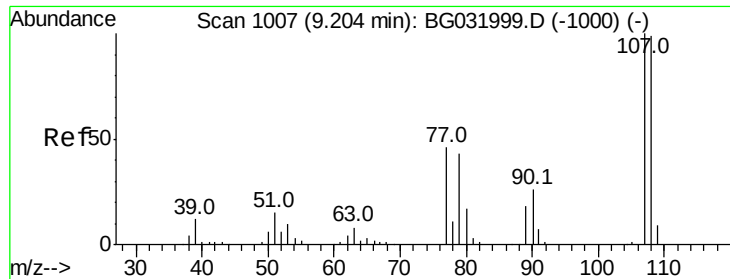
Ion Ratio Lower Upper

45 100

77 19.1 0.0 30.2

79 12.6 0.0 27.9





#17

2-Methylphenol

Concen: 39.589 ng

RT: 9.16 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

Tot Ion:107 Resp: 83199

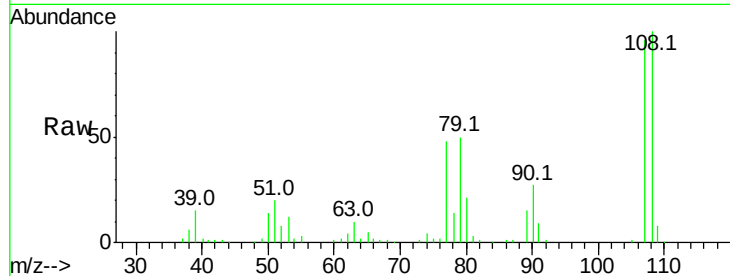
Ion Ratio Lower Upper

107 100

108 104.4 83.9 125.9

77 49.6 37.2 55.8

79 52.3 36.2 54.2

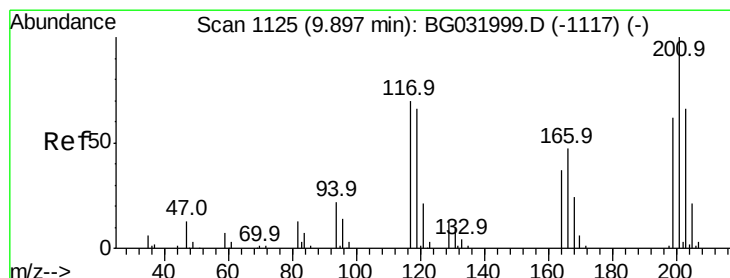
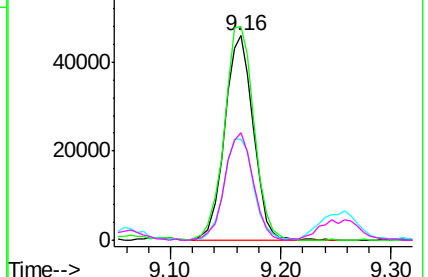
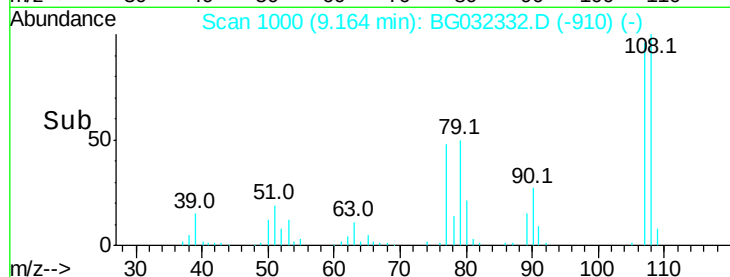


Abundance Ion 107.00 (106.70 to 107.70): E

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: 43.687 ng

RT: 9.85 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

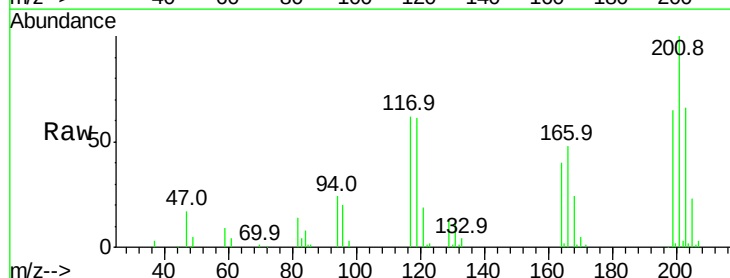
Tgt Ion:117 Resp: 43884

Ion Ratio Lower Upper

117 100

119 97.3 76.7 115.1

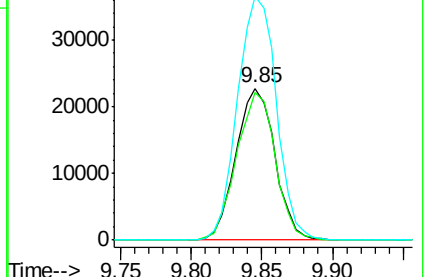
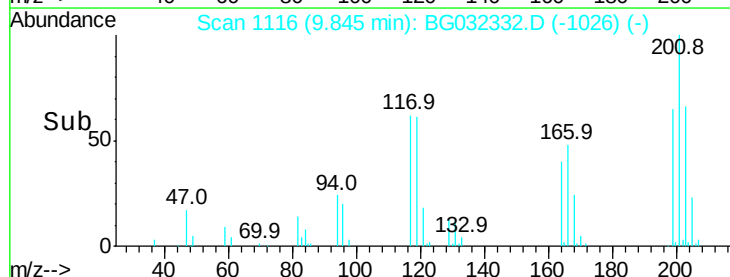
201 160.2 95.7 143.5#

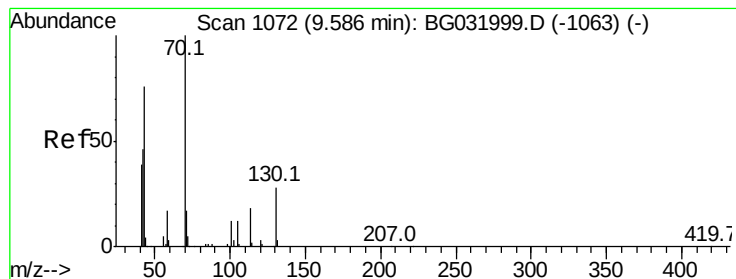


Abundance Ion 117.00 (116.70 to 117.70): E

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: 38.343 ng

RT: 9.53 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

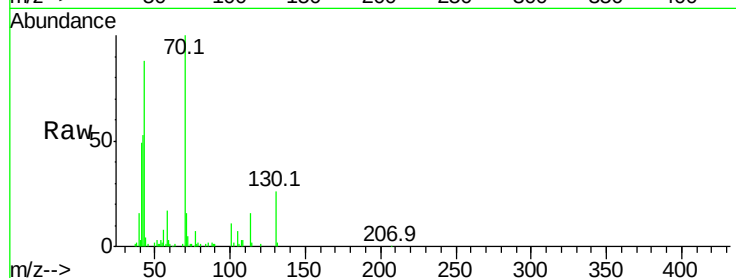
ClientSampleId :

PB105792BS

Tot Ion: 70 Resp: 66412

Ion Ratio Lower Upper

70	100		
42	53.5	49.1	73.7
101	11.2	8.5	12.7
130	26.0	13.4	20.0

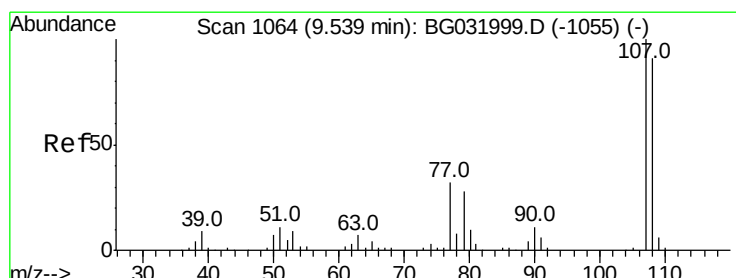
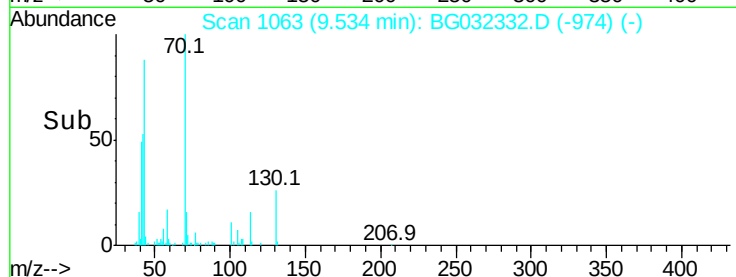
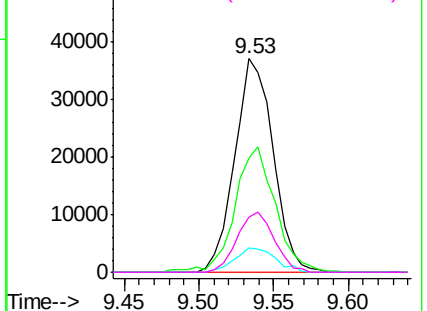


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 39.013 ng

RT: 9.49 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Tgt Ion: 107 Resp: 113582

Ion Ratio Lower Upper

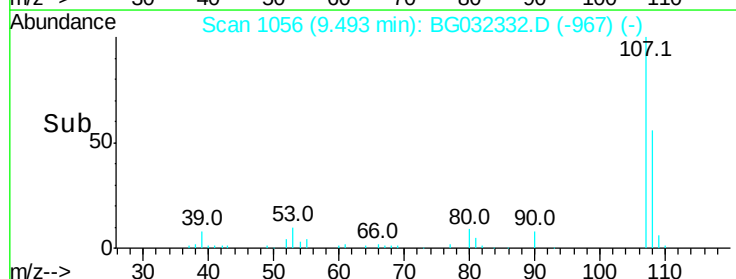
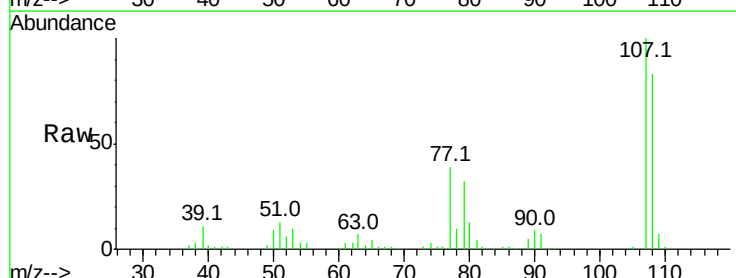
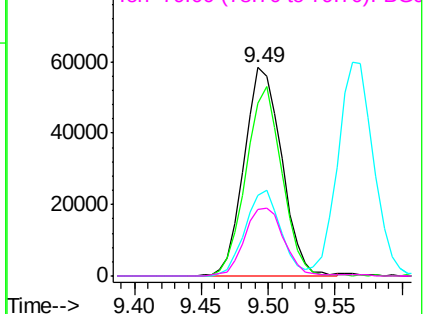
107	100		
108	83.1	61.6	101.6
77	38.8	13.9	53.9
79	32.0	8.8	48.8

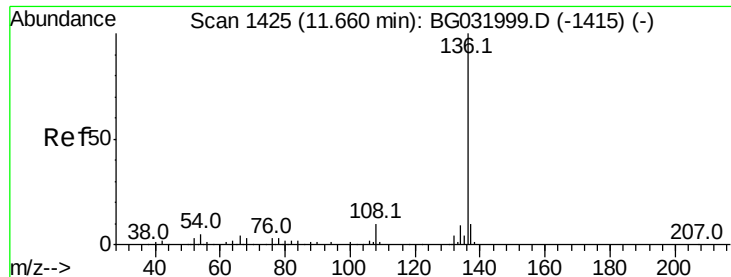
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

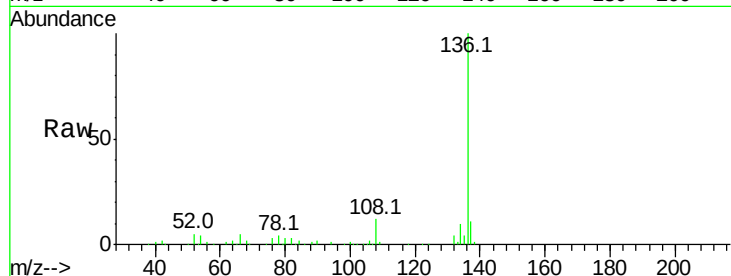




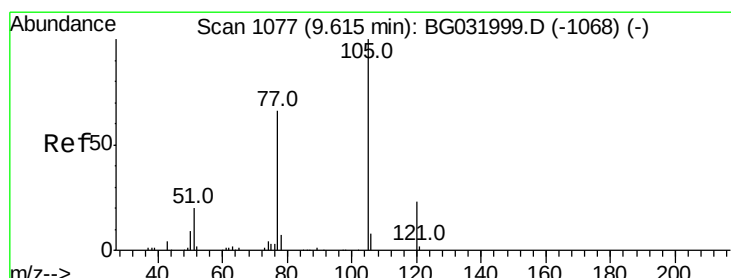
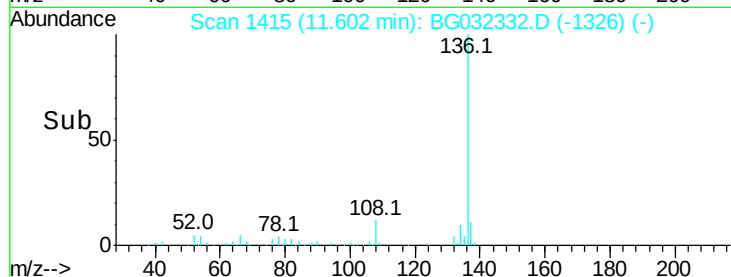
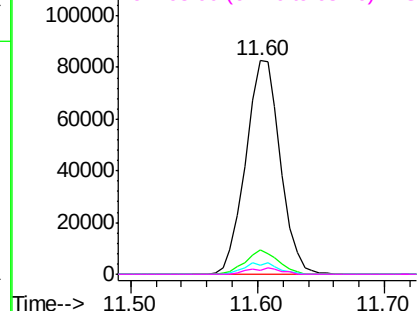
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:136	Resp:	156268	
Ion Ratio	Lower	Upper	
136 100			
137 11.5	9.2	13.8	
54 4.5	10.3	15.5#	
68 2.1	4.5	6.7#	

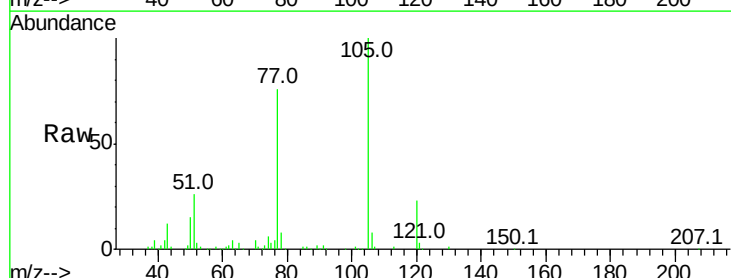


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

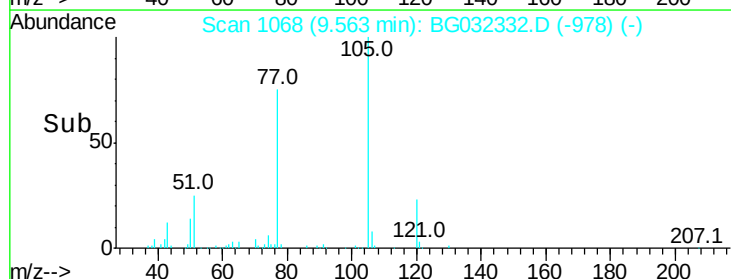
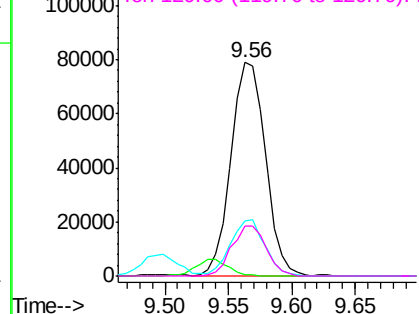


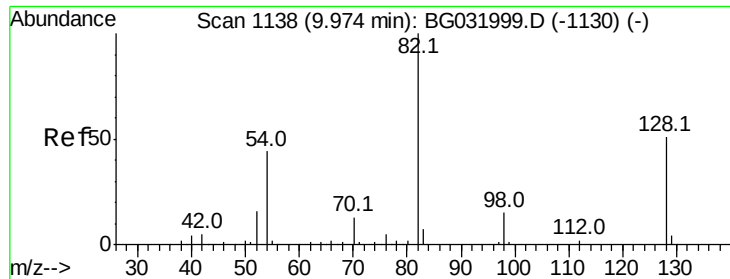
#22
Acetophenone
Concen: 42.024 ng
RT: 9.56 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt	Ion:105	Resp:	149170
Ion	Ratio	Lower	Upper
105	100		
71	0.8	3.0	4.4#
51	25.6	26.1	39.1#
120	23.3	17.4	26.2



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

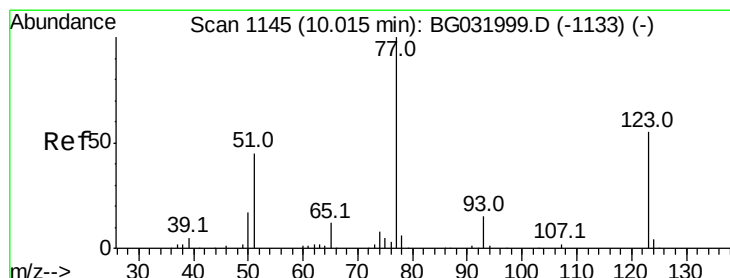
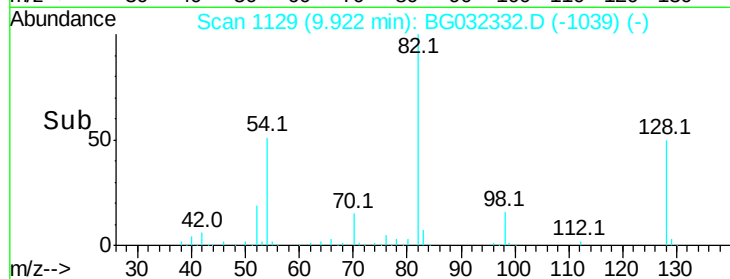
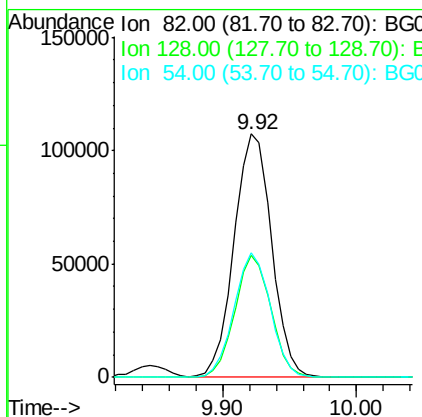
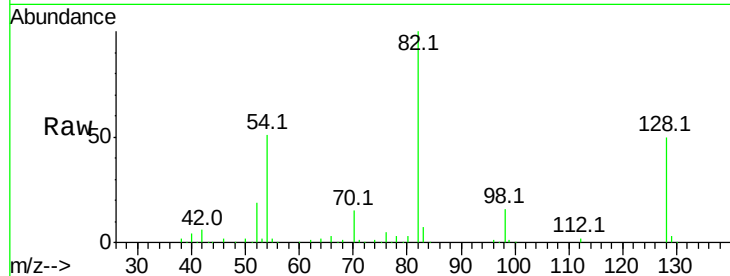




#23
 Nitrobenzene-d5
 Concen: 90.593 ng
 RT: 9.92 min Scan# 1129
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

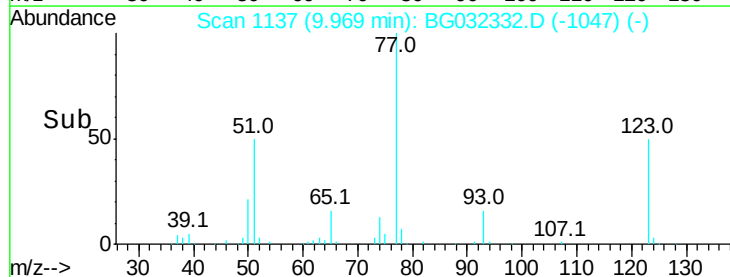
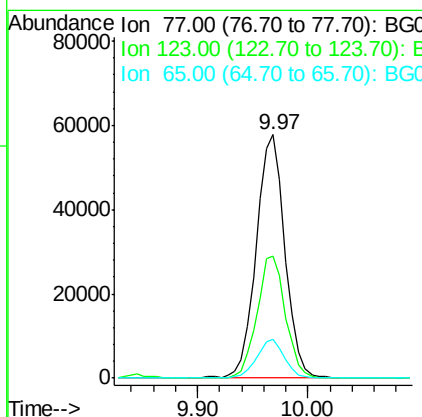
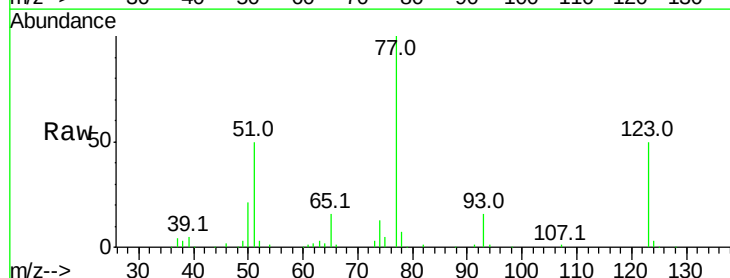
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

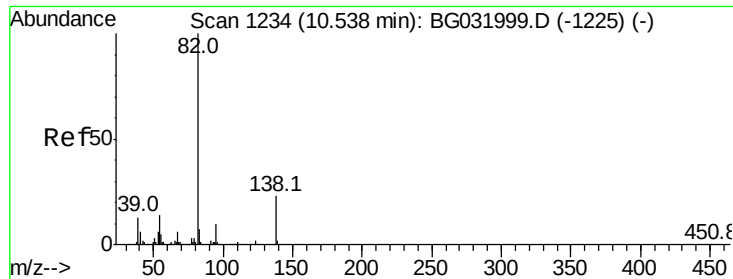
Tot Ion	82	Resp	209251
Ion Ratio	100	Lower	Upper
128	50.2	29.7	44.5#
54	50.9	43.1	64.7



#24
 Nitrobenzene
 Concen: 45.685 ng
 RT: 9.97 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	77	Resp	105258
Ion Ratio	100	Lower	Upper
123	50.0	33.0	49.6#
65	15.8	13.0	19.6





#25

Isophorone

Concen: 43.184 ng

RT: 10.49 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

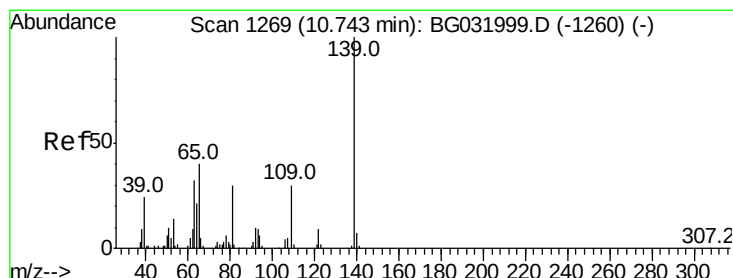
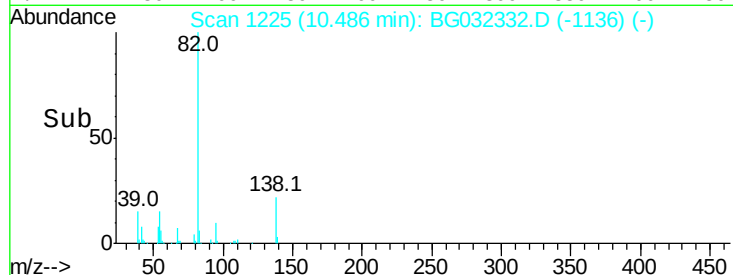
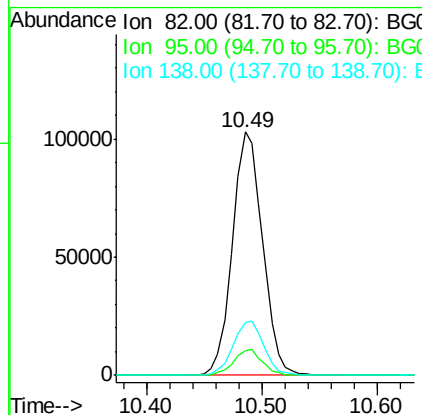
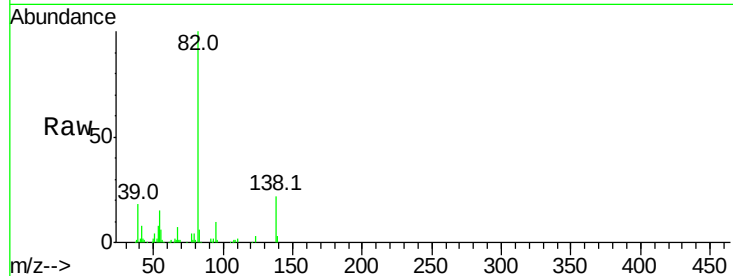
Tot Ion: 82 Resp: 185731

Ion Ratio Lower Upper

82 100

95 9.9 6.2 9.2#

138 21.8 12.1 18.1#



#26

2-Nitrophenol

Concen: 47.371 ng

RT: 10.69 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

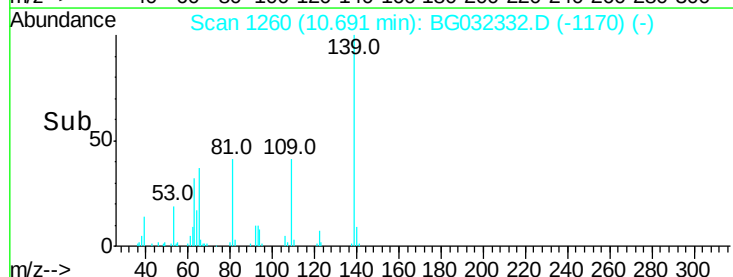
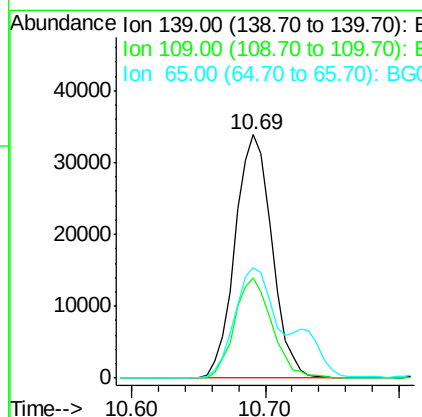
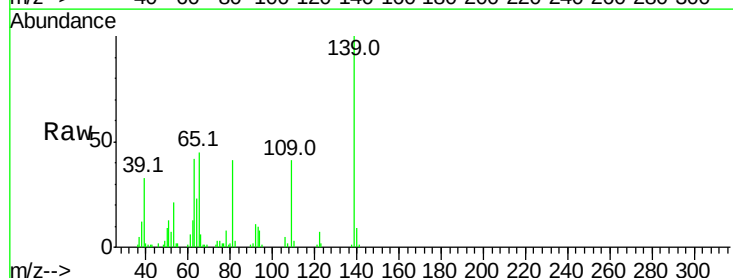
Tgt Ion: 139 Resp: 64670

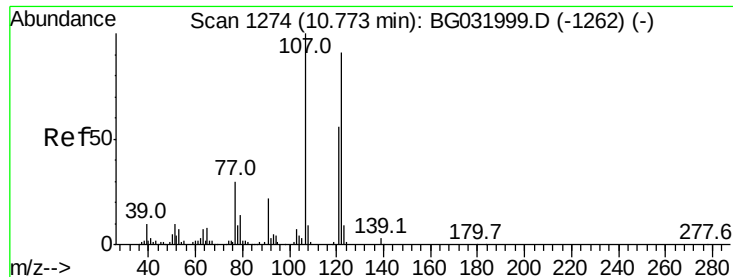
Ion Ratio Lower Upper

139 100

109 41.1 24.2 36.2#

65 45.4 47.4 71.0#

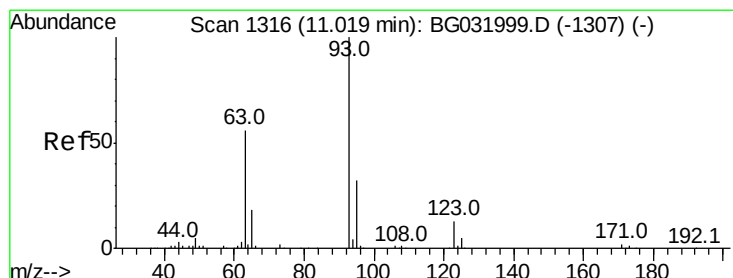
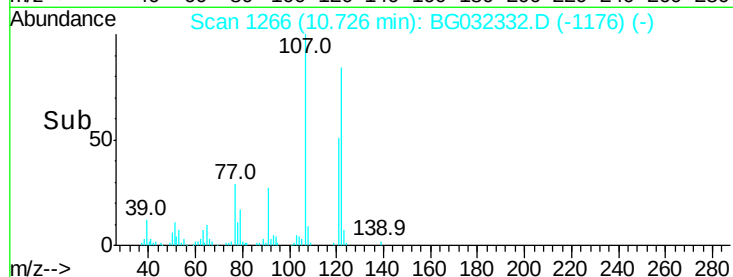
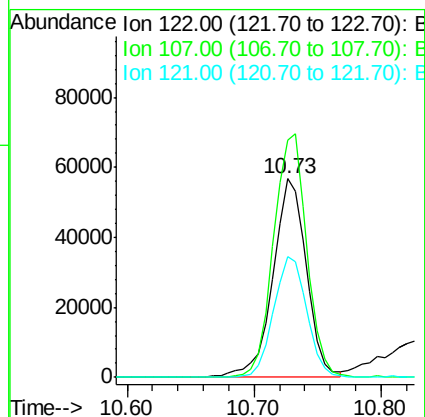
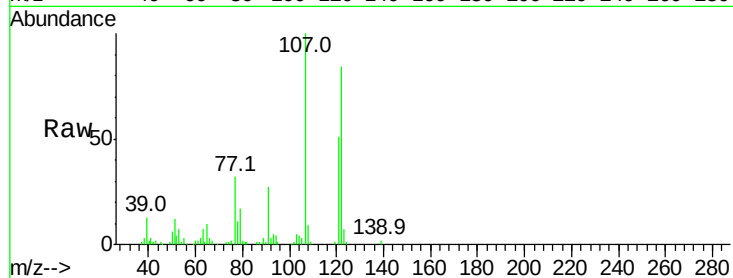




#27
2,4-Dimethylphenol
Concen: 48.222 ng
RT: 10.73 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

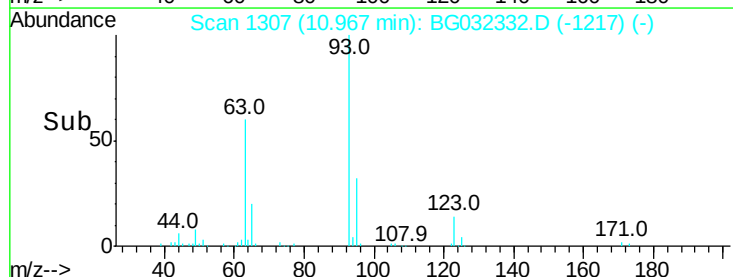
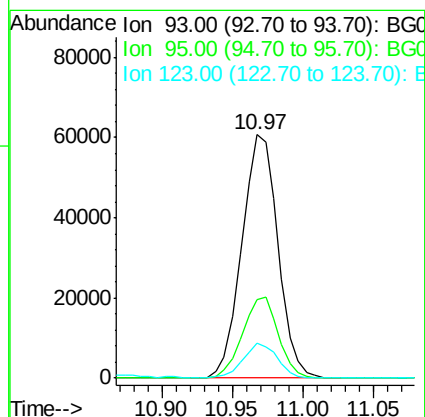
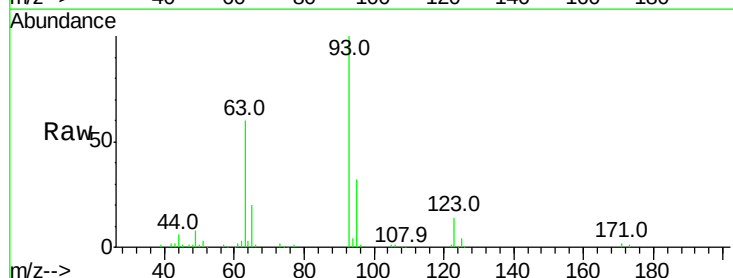
Instrument :
BNA_G
ClientSampleId :
PB105792BS

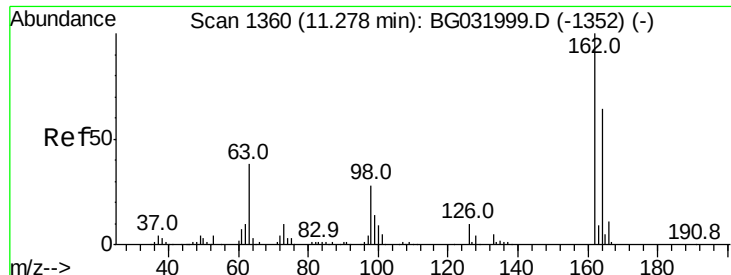
Tot Ion:122 Resp: 104469
Ion Ratio Lower Upper
122 100
107 119.5 100.2 150.2
121 60.7 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 41.888 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion: 93 Resp: 108545
Ion Ratio Lower Upper
93 100
95 32.1 24.3 36.5
123 14.4 8.4 12.6#

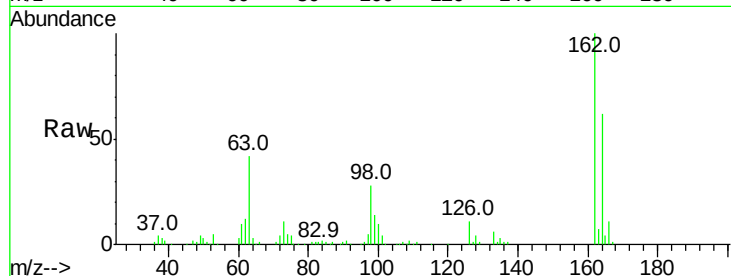




#29
 2,4-Dichlorophenol
 Concen: 49.693 ng
 RT: 11.23 min Scan# 1352
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	48.0	88.0
98	28.2	21.1	61.1

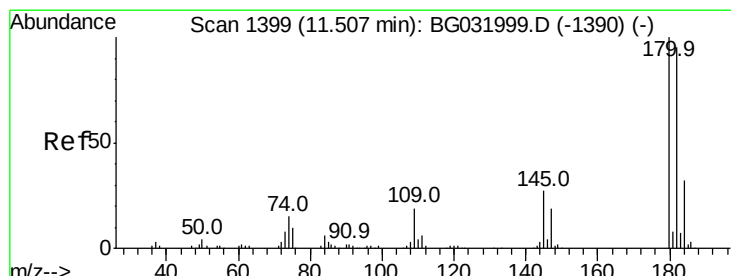
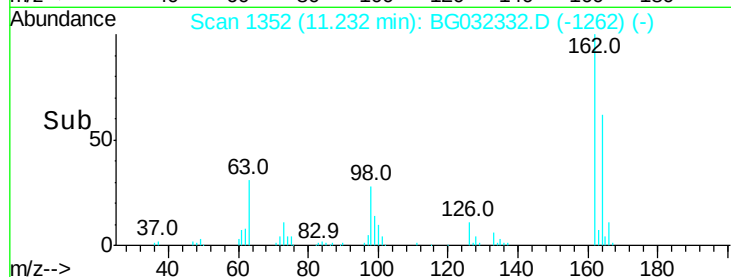
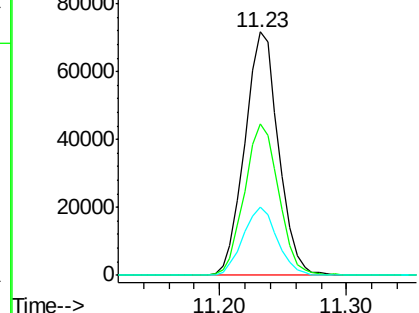


Abundance

Ion 162.00 (161.70 to 162.70): E

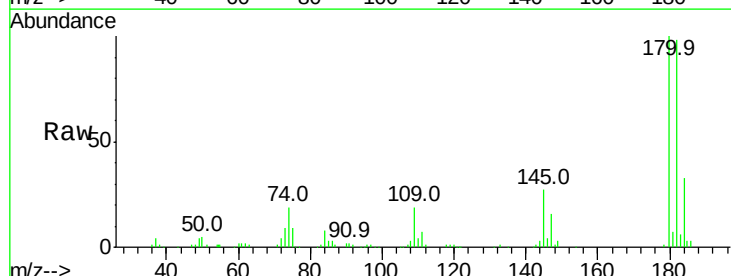
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 44.242 ng
 RT: 11.46 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.5	116.3
145	27.3	23.4	35.2

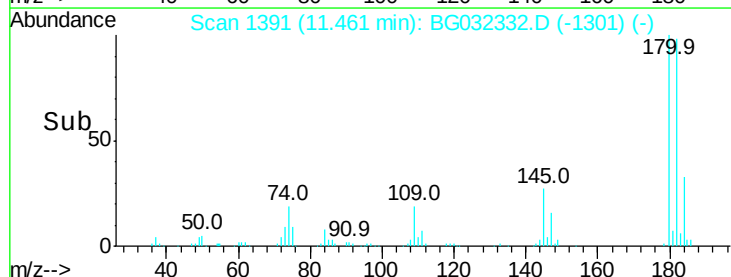
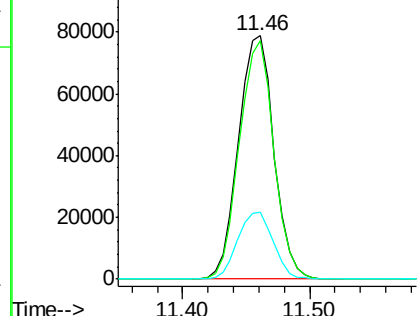


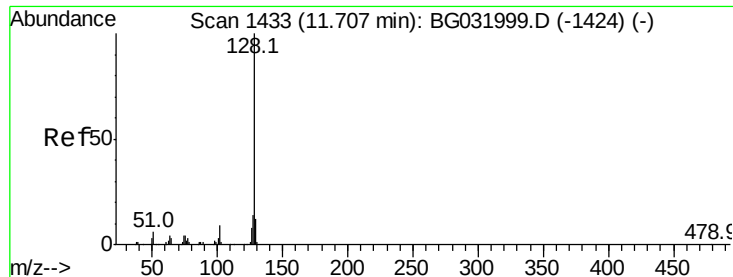
Abundance

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

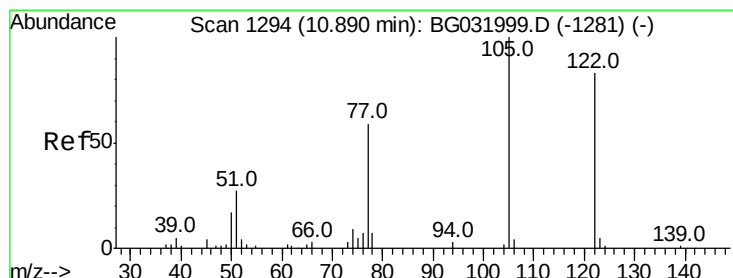
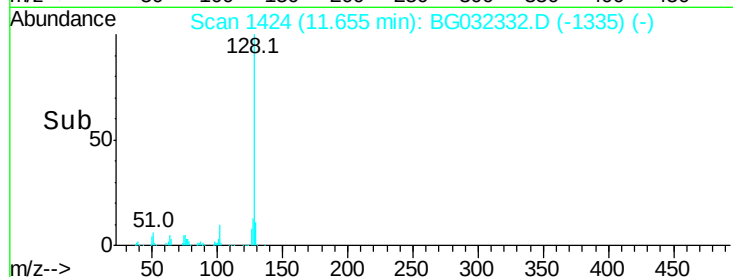
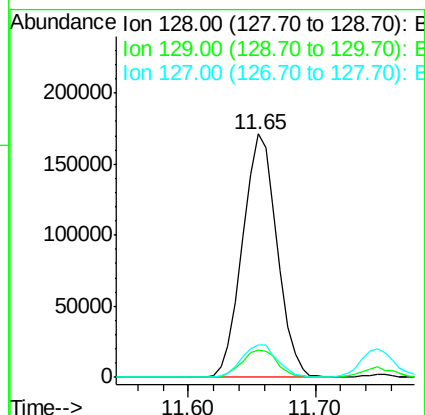
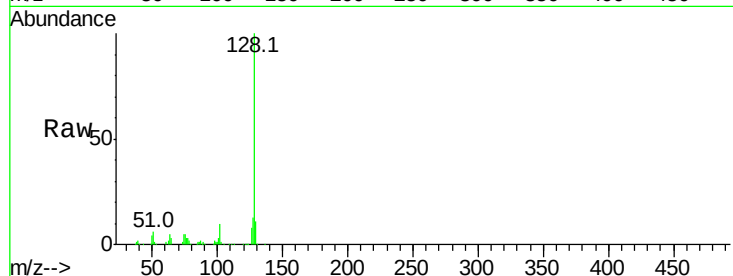




#31
Naphthalene
Concen: 41.717 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

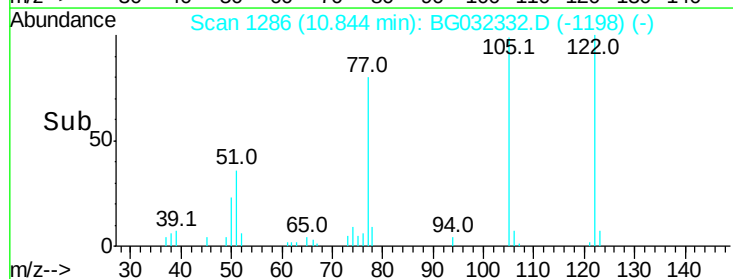
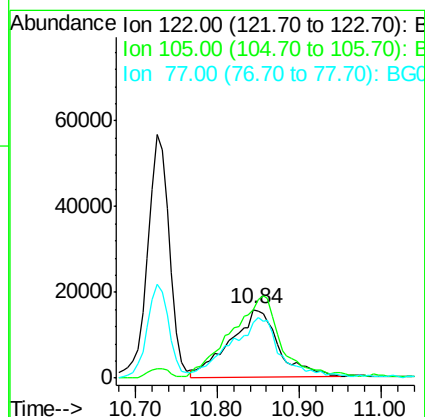
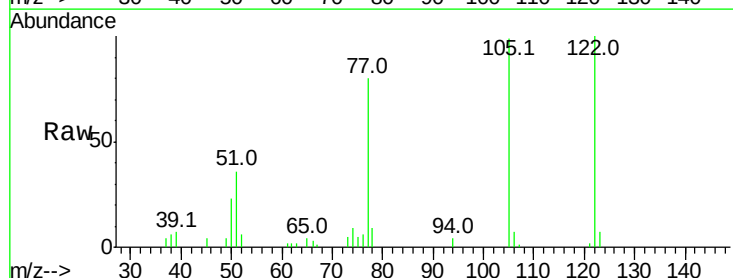
Instrument :
BNA_G
ClientSampleId :
PB105792BS

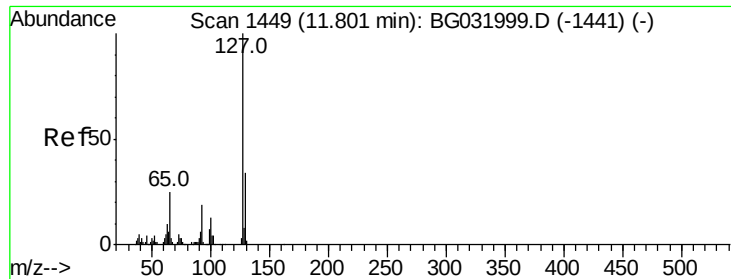
Tot	Ion:128	Resp:	322936
Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.6	12.8
127	13.2	11.6	17.4



#32
Benzoic acid
Concen: 37.918 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt	Ion:122	Resp:	63742
Ion	Ratio	Lower	Upper
122	100		
105	99.3	123.5	163.5#
77	80.2	85.7	125.7#

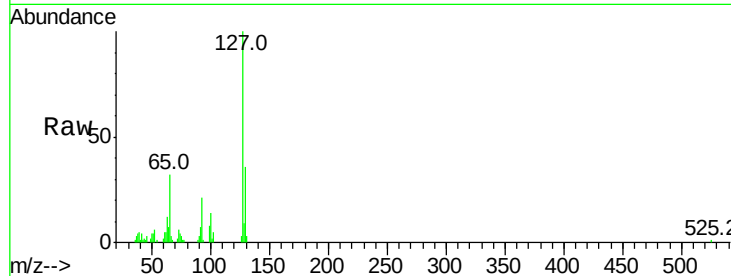




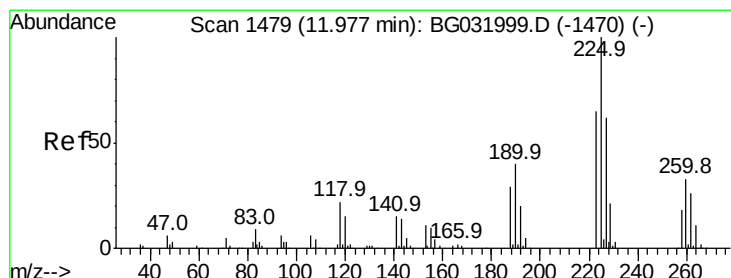
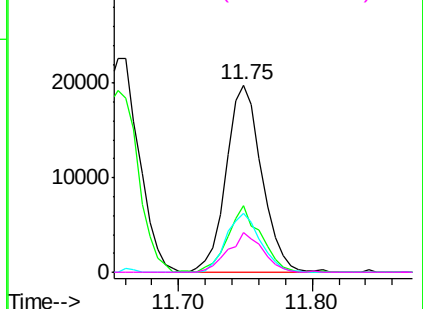
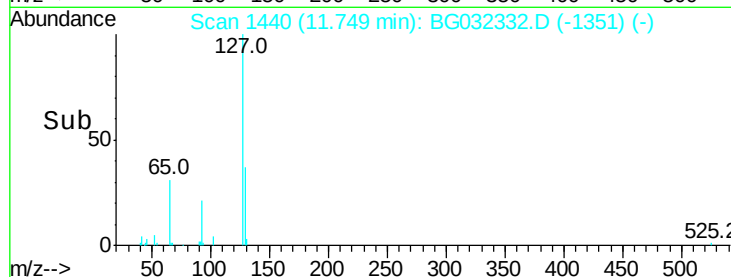
#33
4-Chloroaniline
Concen: 11.107 ng
RT: 11.75 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:127 Resp: 36870
Ion Ratio Lower Upper
127 100
129 35.7 24.0 36.0
65 31.7 27.0 40.4
92 21.2 16.6 25.0

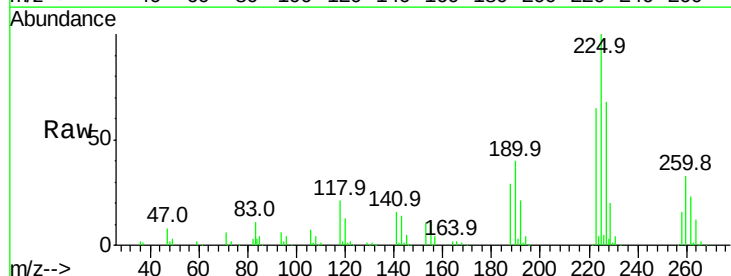


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

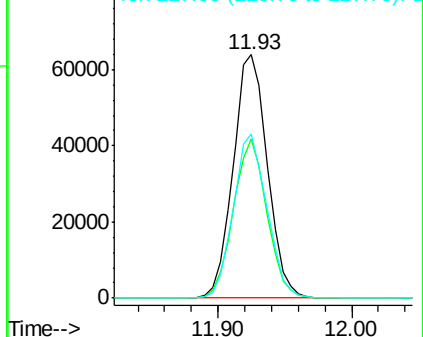
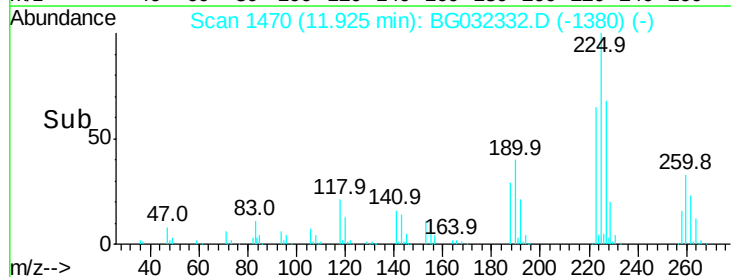


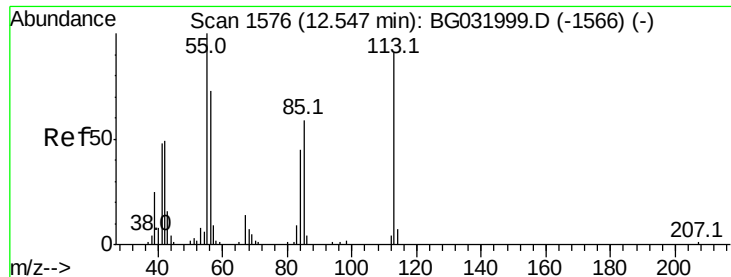
#34
Hexachlorobutadiene
Concen: 45.819 ng
RT: 11.93 min Scan# 1470
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:225 Resp: 113296
Ion Ratio Lower Upper
225 100
223 65.2 49.7 74.5
227 67.6 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: 44.451 ng

RT: 12.51 min Scan# 1569

Delta R.T. 0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

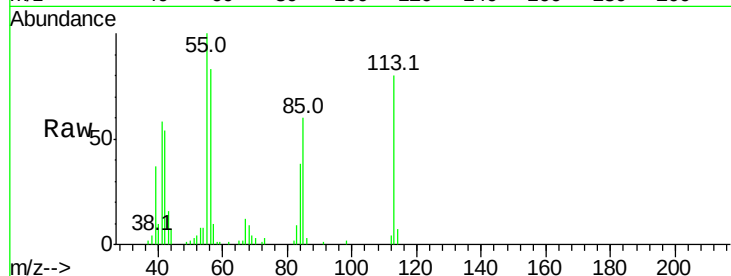
Tot Ion:113 Resp: 35948

Ion Ratio Lower Upper

113 100

55 125.7 186.9 226.9#

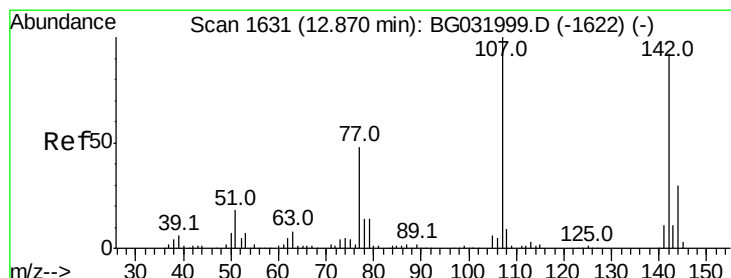
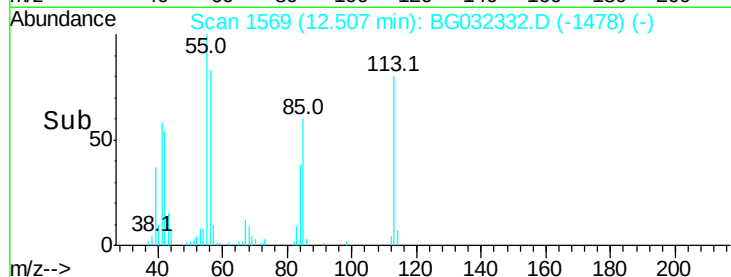
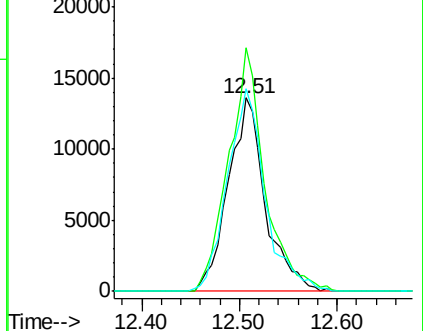
56 104.6 130.9 170.9#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 48.814 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

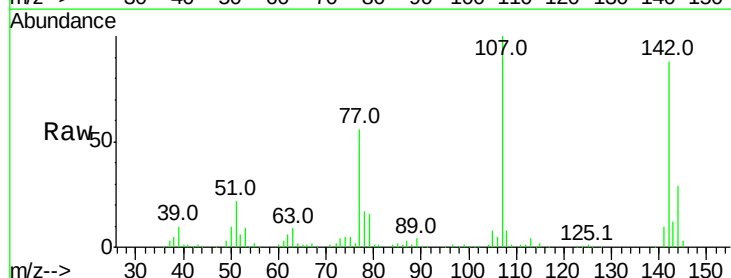
Tgt Ion:107 Resp: 119104

Ion Ratio Lower Upper

107 100

144 29.3 18.2 27.4#

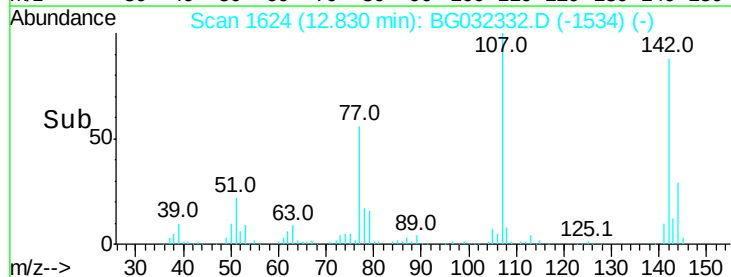
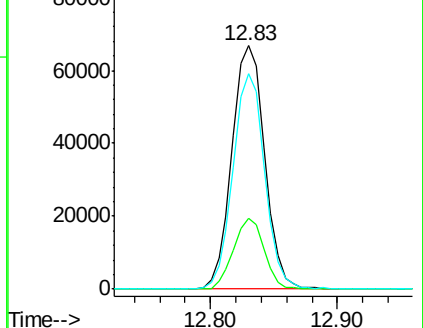
142 88.3 59.0 88.4

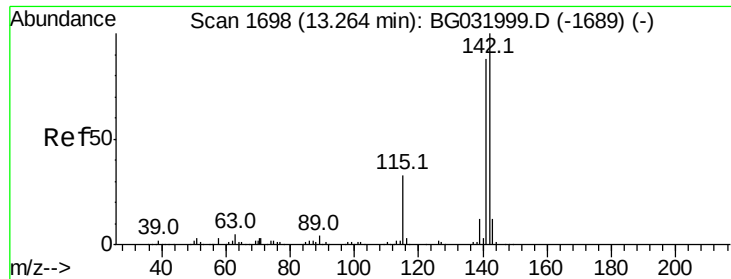


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

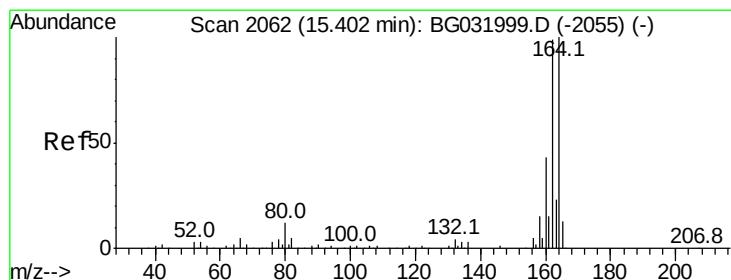
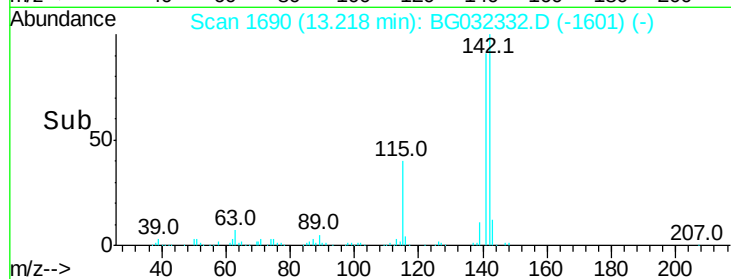
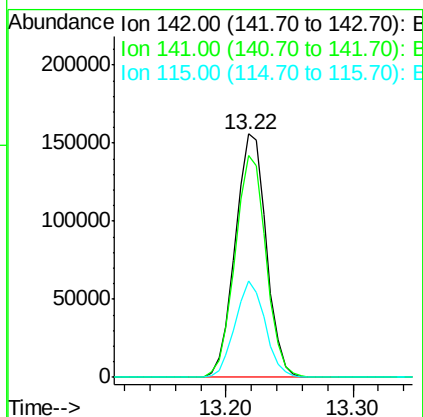
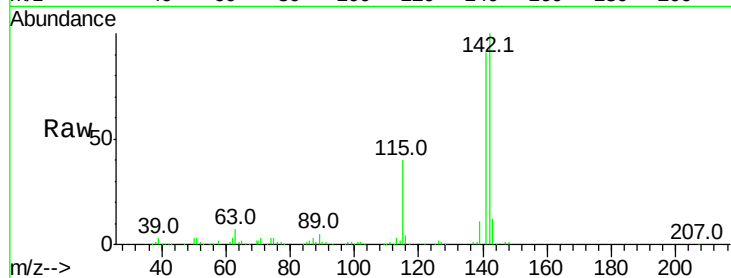




#37
2-Methylnaphthalene
Concen: 42.860 ng
RT: 13.22 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

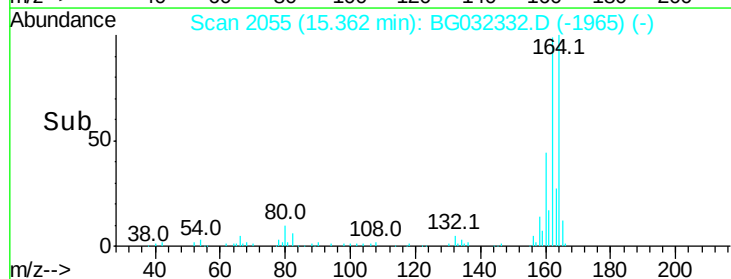
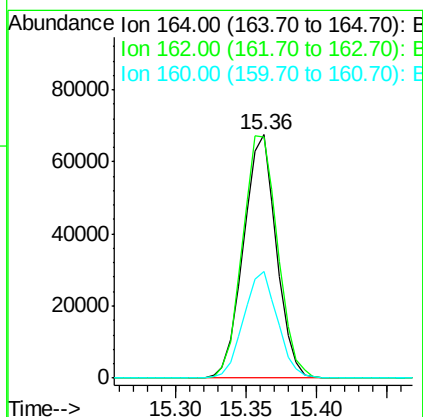
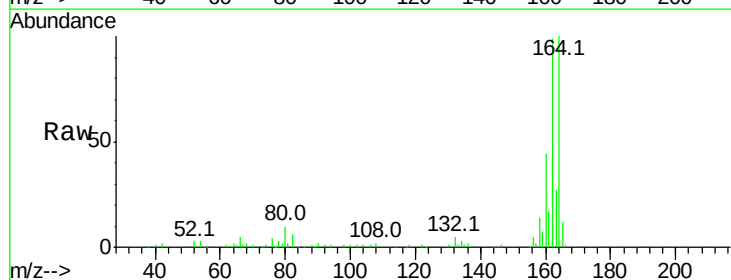
Instrument :
BNA_G
ClientSampleId :
PB105792BS

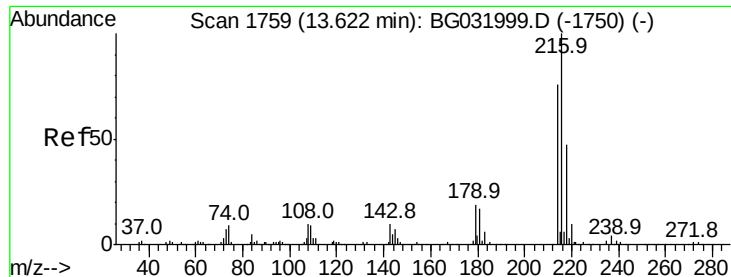
Tot Ion:142 Resp: 263413
Ion Ratio Lower Upper
142 100
141 91.2 67.1 100.7
115 39.6 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2055
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:164 Resp: 110156
Ion Ratio Lower Upper
164 100
162 99.2 78.8 118.2
160 43.7 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.194 ng

RT: 13.58 min Scan# 1751

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

Tot Ion:216 Resp: 207405

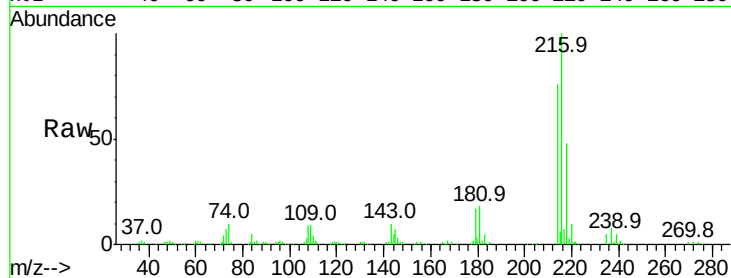
Ion Ratio Lower Upper

216 100

214 74.9 63.0 94.4

179 18.3 17.0 25.6

108 13.0 12.8 19.2

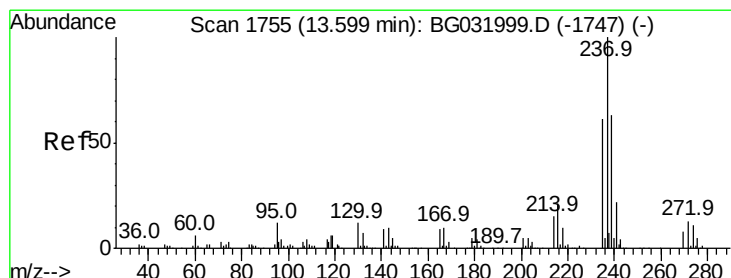
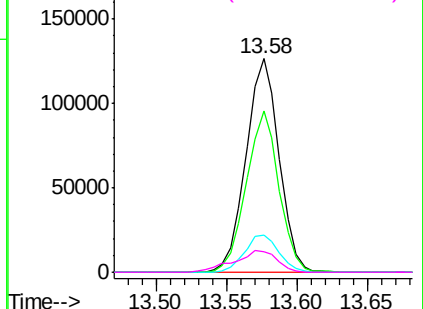
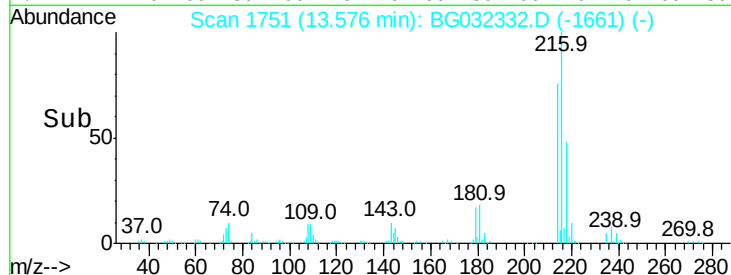


Abundance Ion 216.00 (215.70 to 216.70): E

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: 110.881 ng

RT: 13.55 min Scan# 1747

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

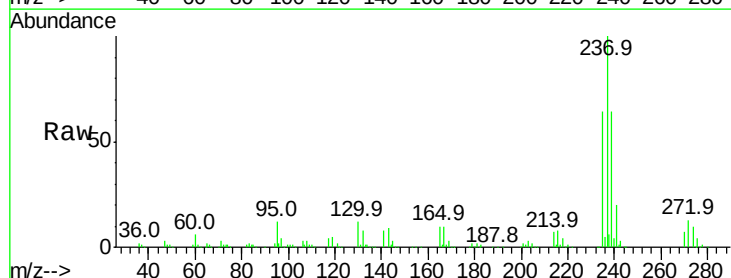
Tgt Ion:237 Resp: 299876

Ion Ratio Lower Upper

237 100

235 63.7 50.4 90.4

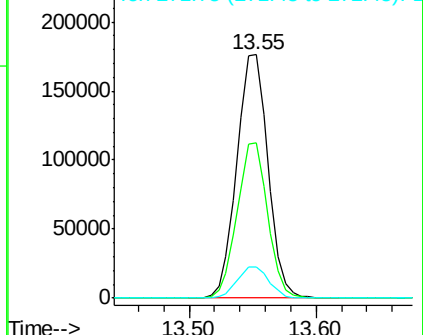
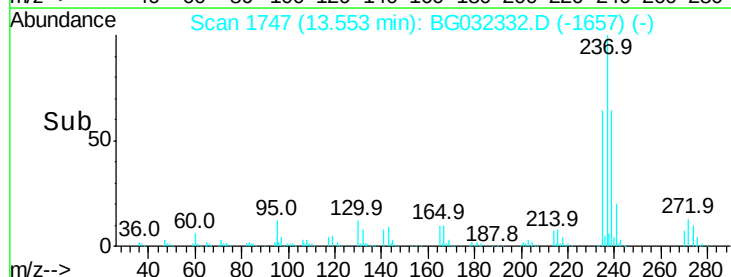
272 12.8 0.0 31.8

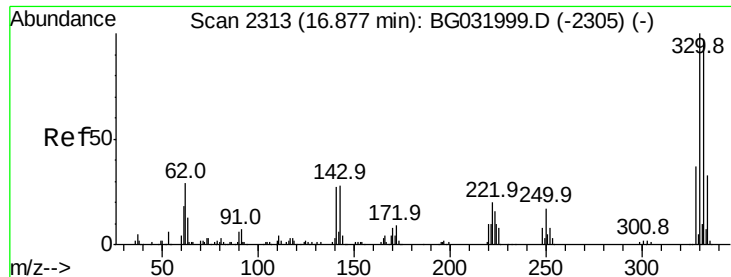


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

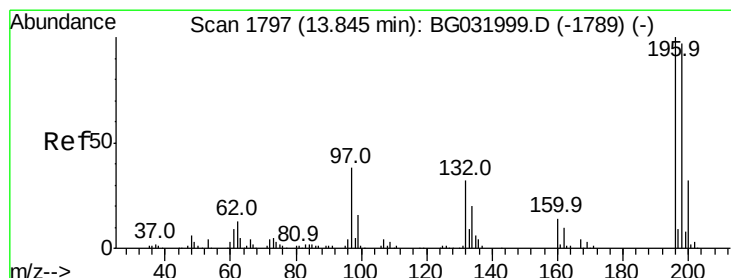
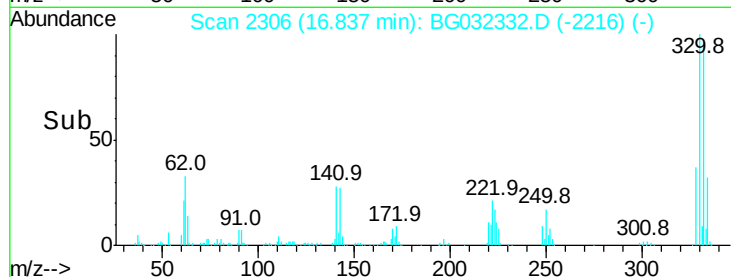
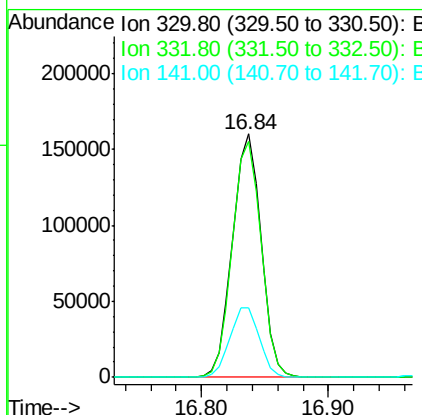
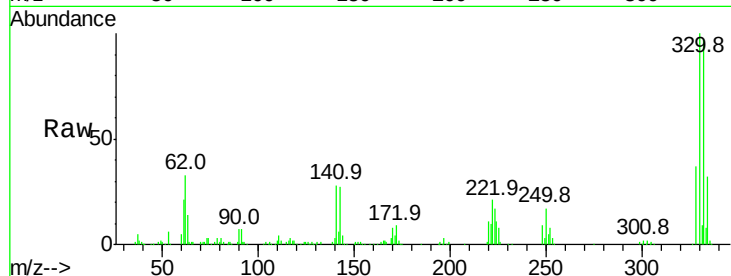




#41
 2,4,6-Tribromophenol
 Concen: 137.586 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

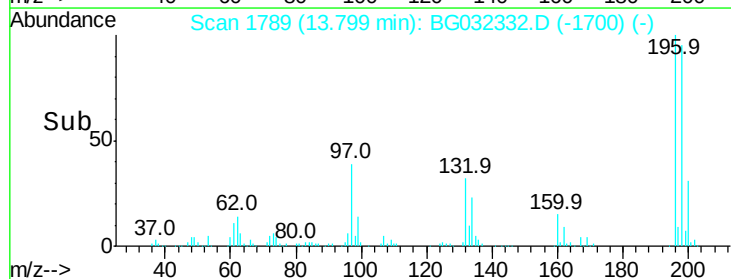
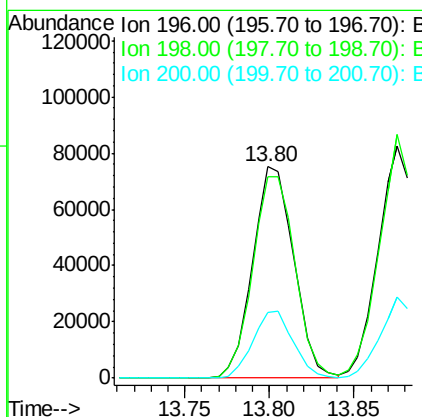
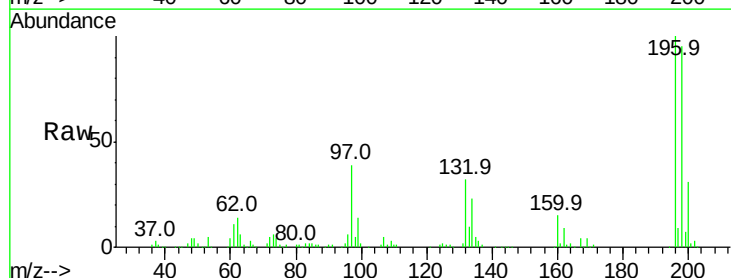
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

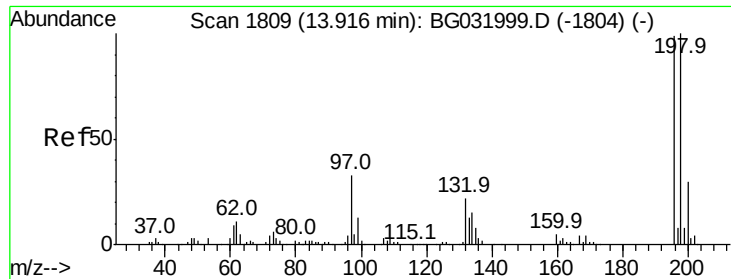
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	29.5	25.2	37.8



#42
 2,4,6-Trichlorophenol
 Concen: 47.242 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	78.2	117.2
200	31.0	24.6	36.8

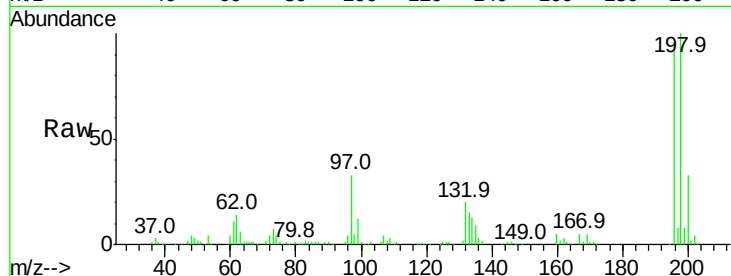




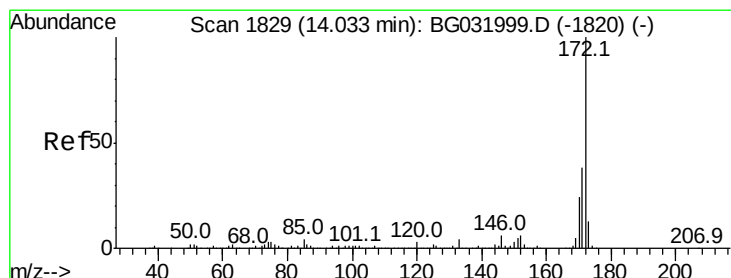
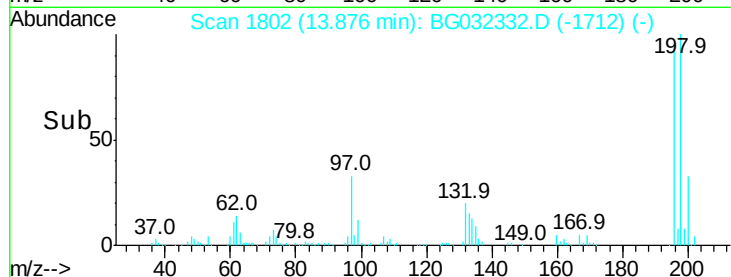
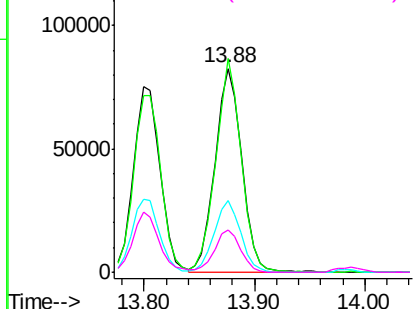
#43
 2,4,5-Trichlorophenol
 Concen: 44.357 ng
 RT: 13.88 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	104.9	76.2	114.4
97	35.1	38.7	58.1#
132	20.8	20.2	30.2



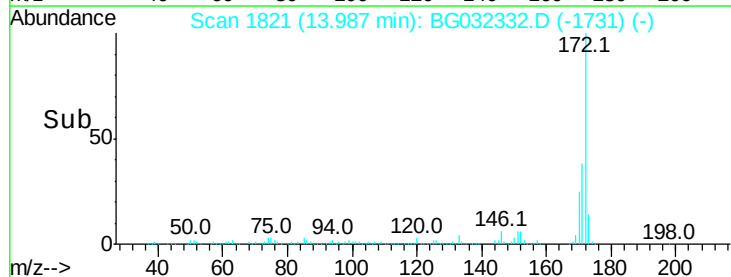
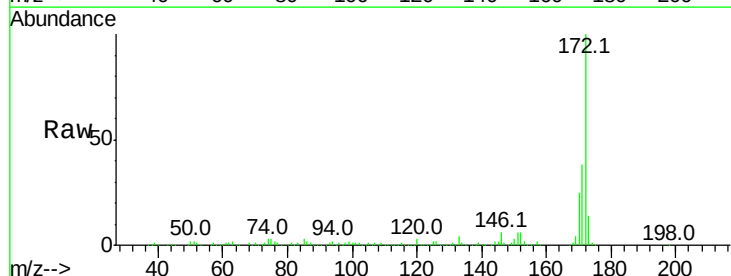
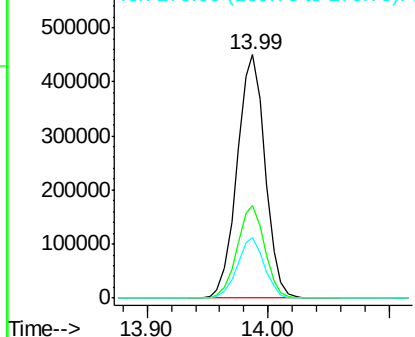
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BG
 Ion 132.00 (131.70 to 132.70): E

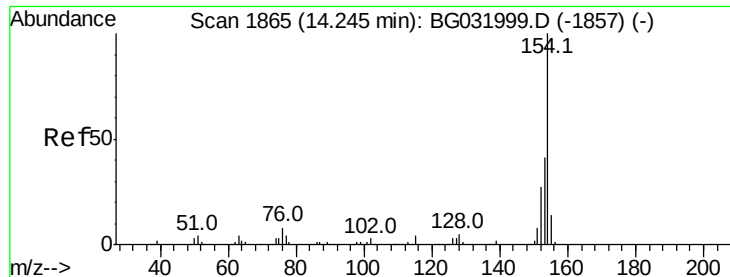


#44
 2-Fluorobiphenyl
 Concen: 81.661 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	25.0	19.5	29.3

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

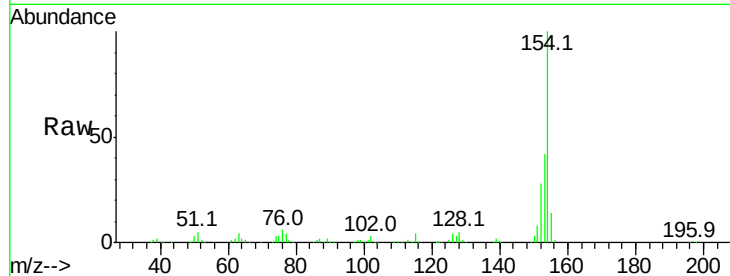




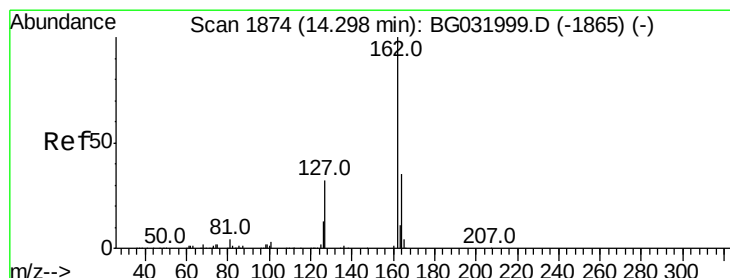
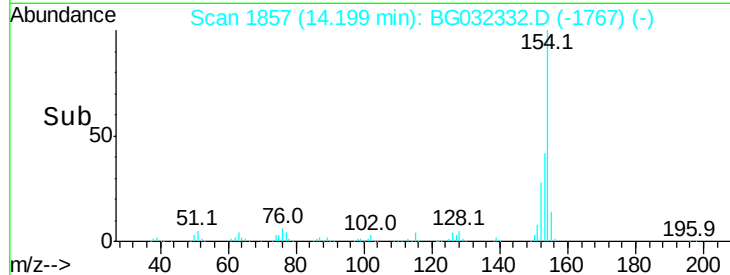
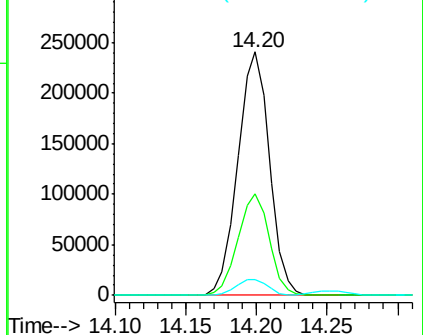
#45
1,1'-Biphenyl
Concen: 39.923 ng
RT: 14.20 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Instrument :
BNA_G
ClientSampleId :
PB105792BS

Tot Ion:154 Resp: 377007
Ion Ratio Lower Upper
154 100
153 41.7 19.8 59.8
76 6.5 0.0 31.9

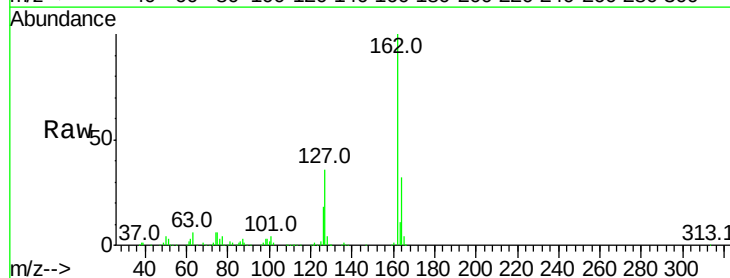


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BGC

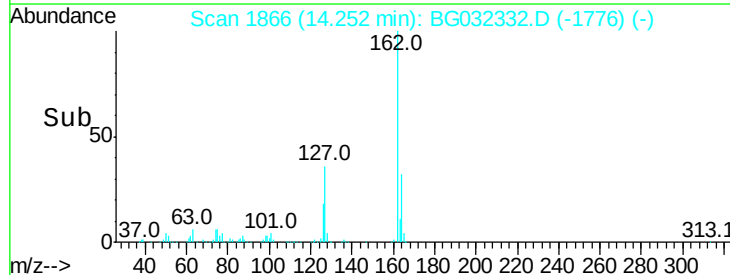
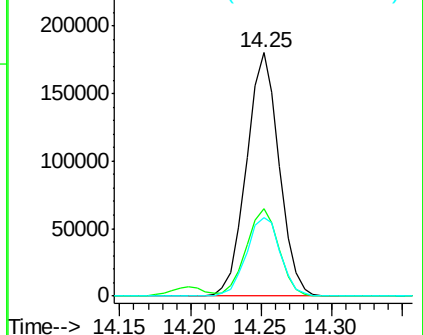


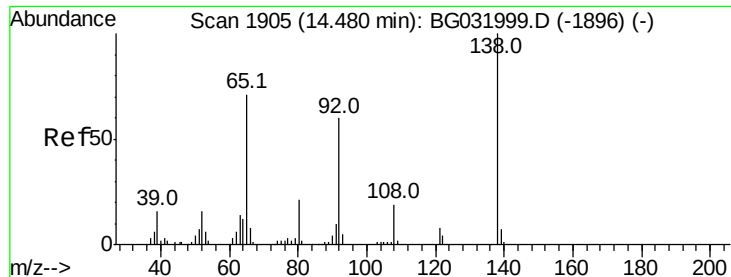
#46
2-Chloronaphthalene
Concen: 39.779 ng
RT: 14.25 min Scan# 1866
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:162 Resp: 292229
Ion Ratio Lower Upper
162 100
127 36.0 30.7 46.1
164 32.4 26.0 39.0



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

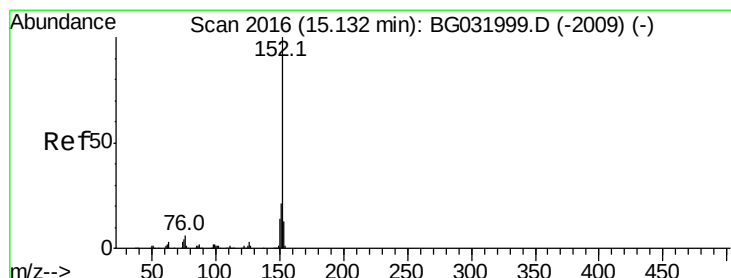
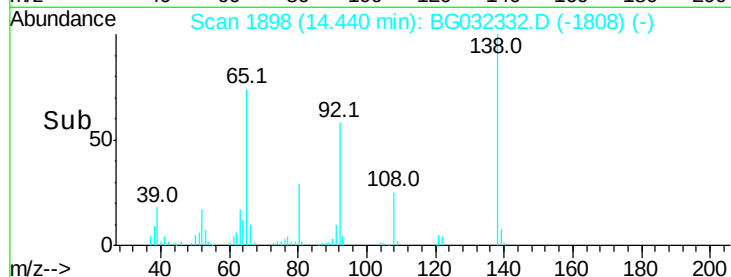
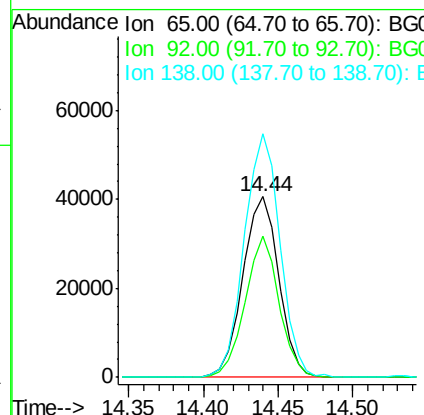
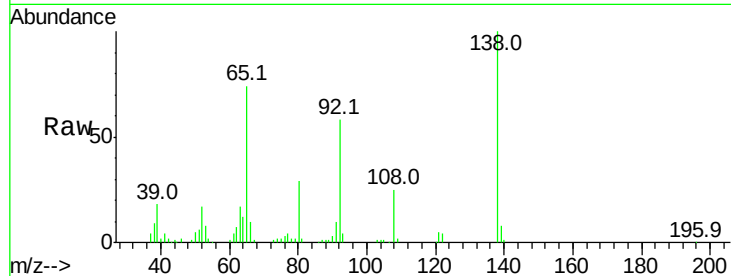




#47
2-Nitroaniline
Concen: 48.275 ng
RT: 14.44 min Scan# 1898
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

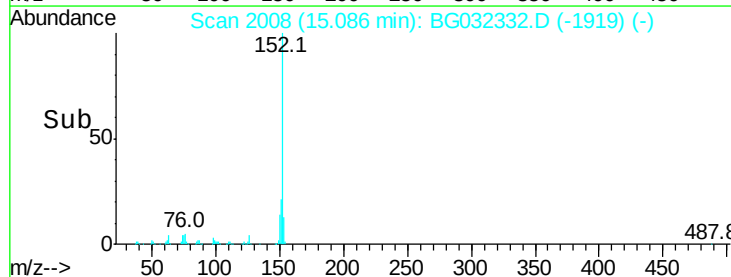
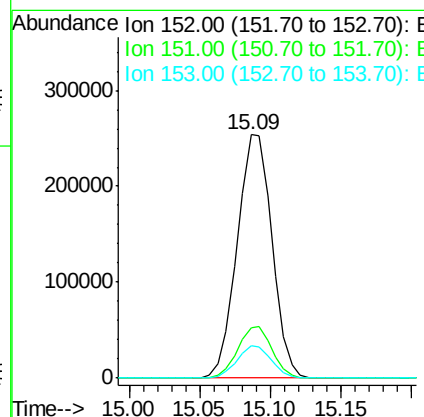
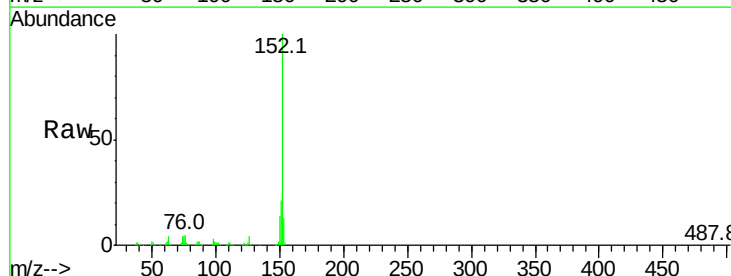
Instrument :
BNA_G
ClientSampleId :
PB105792BS

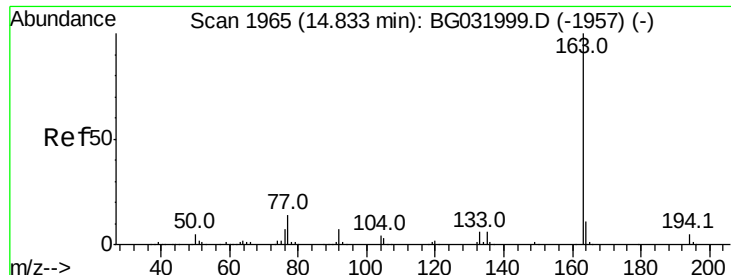
Tot Ion: 65 Resp: 67893
Ion Ratio Lower Upper
65 100
92 78.0 54.6 82.0
138 134.7 72.9 109.3#



#48
Acenaphthylene
Concen: 39.097 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion: 152 Resp: 437382
Ion Ratio Lower Upper
152 100
151 20.8 17.2 25.8
153 13.4 10.2 15.4





#49

Dimethylphthalate

Concen: 41.011 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

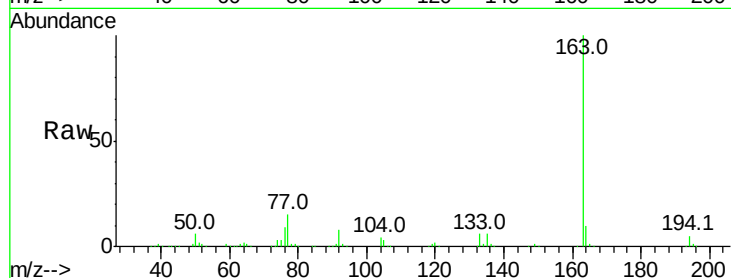
Tot Ion:163 Resp: 395325

Ion Ratio Lower Upper

163 100

194 5.3 3.4 5.2#

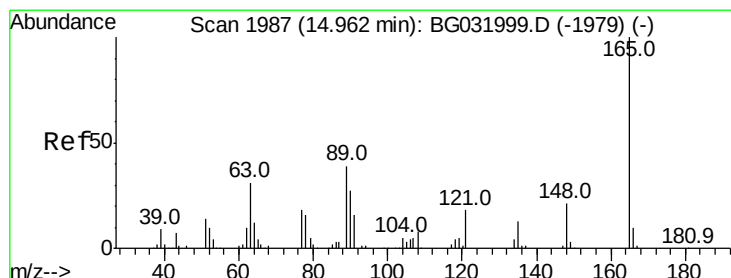
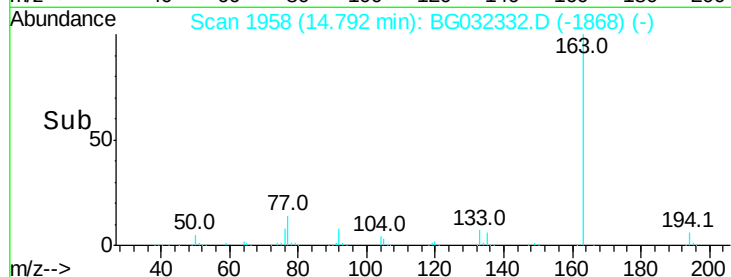
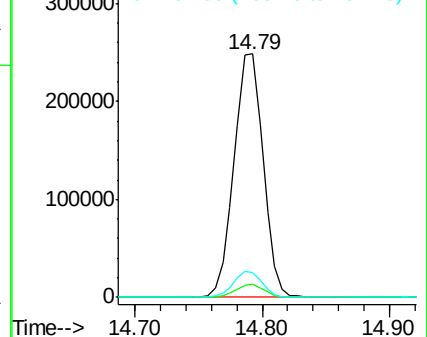
164 10.0 8.2 12.4



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: 44.231 ng

RT: 14.92 min Scan# 1980

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

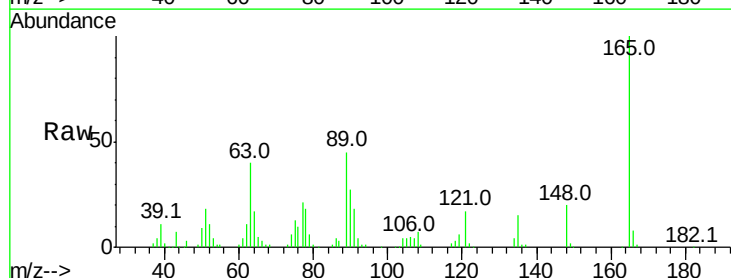
Tgt Ion:165 Resp: 88499

Ion Ratio Lower Upper

165 100

63 40.1 52.7 79.1#

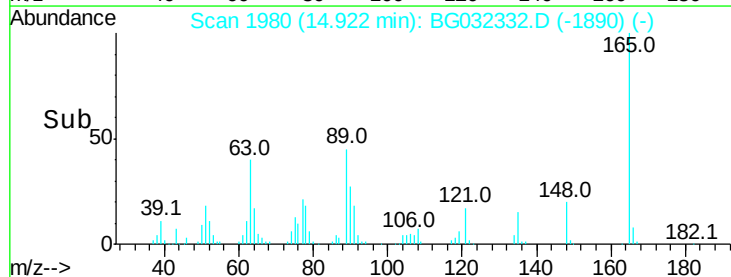
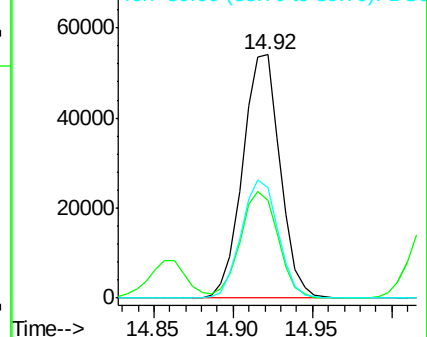
89 45.4 49.2 73.8#

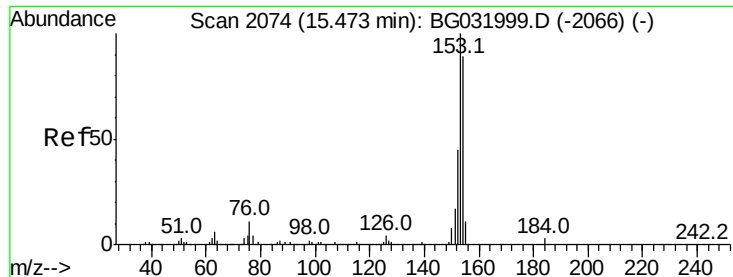


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 47.573 ng

RT: 15.42 min Scan# 2065

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

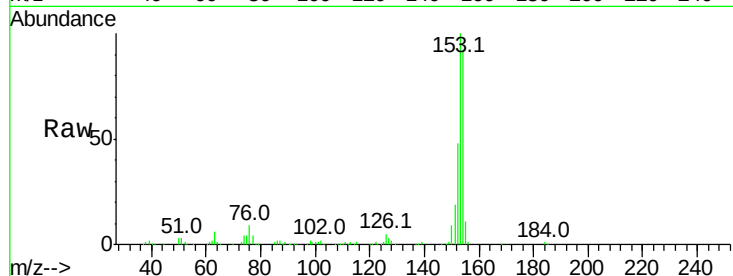
Tot Ion:154 Resp: 351910

Ion Ratio Lower Upper

154 100

153 108.3 90.4 135.6

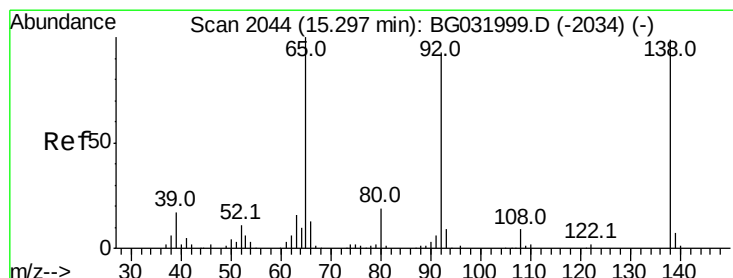
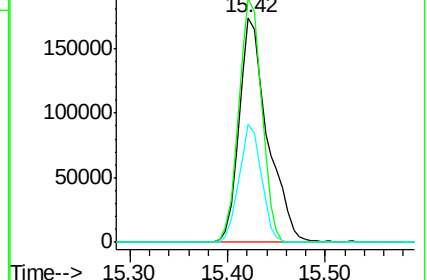
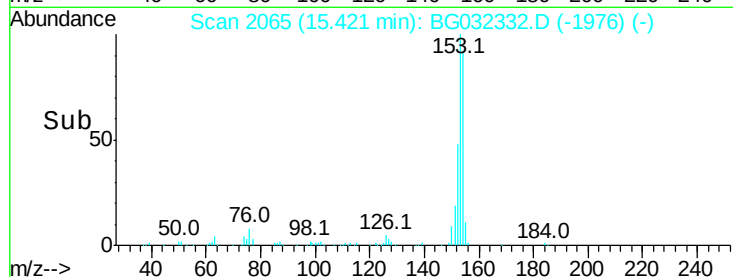
152 52.4 41.6 62.4



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: 16.953 ng

RT: 15.24 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

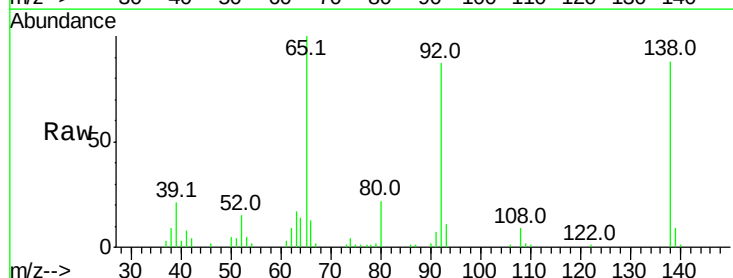
Tgt Ion:138 Resp: 30636

Ion Ratio Lower Upper

138 100

108 10.4 17.5 26.3#

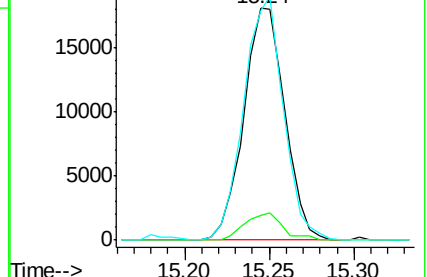
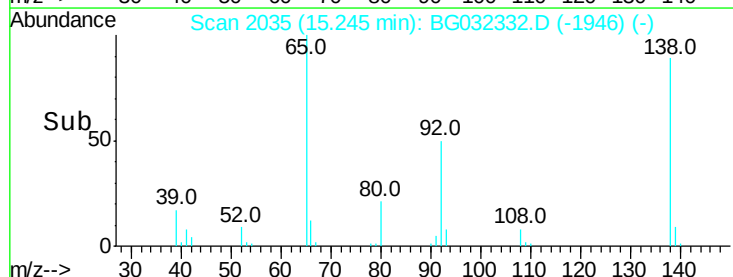
92 99.0 105.8 158.8#

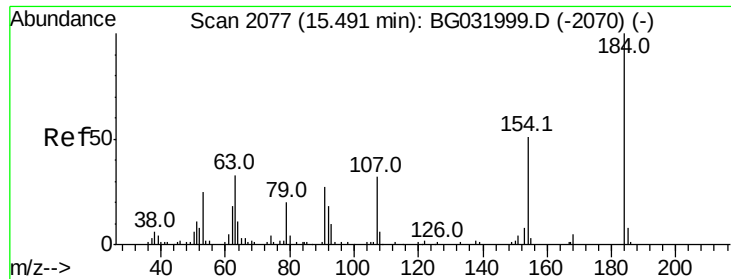


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

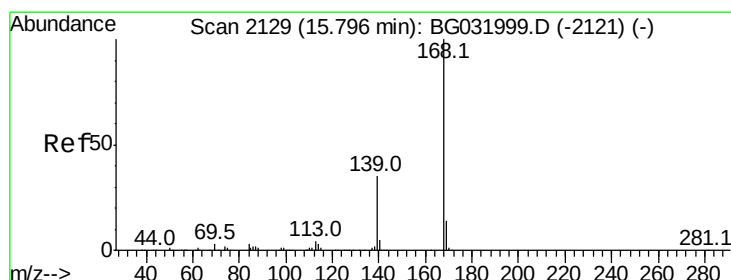
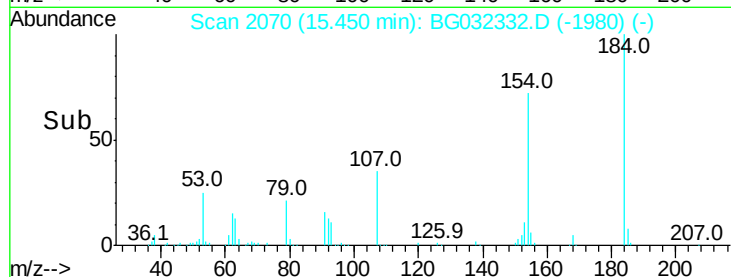
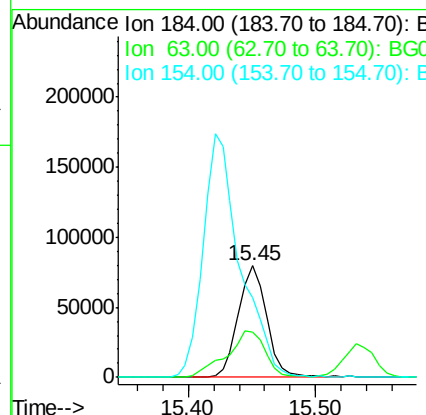
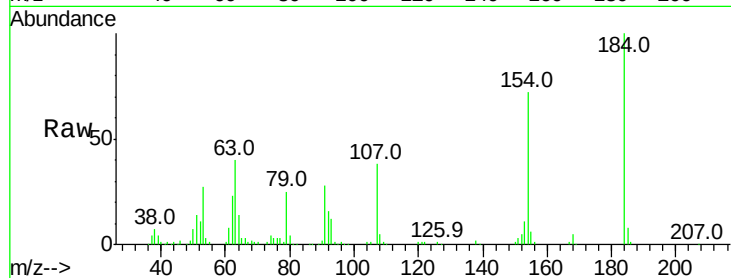




#53
 2,4-Dinitrophenol
 Concen: 119.677 ng
 RT: 15.45 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

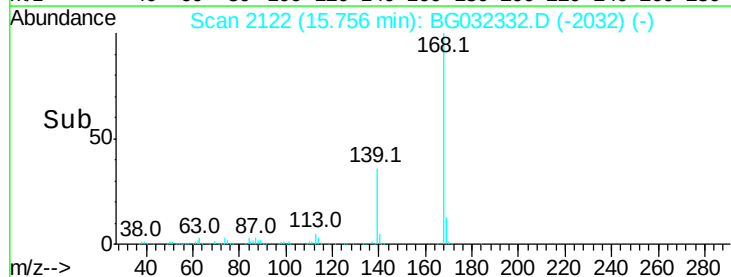
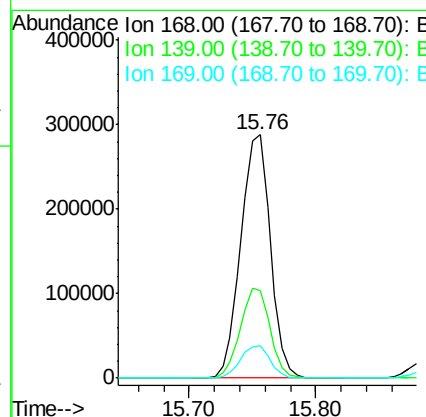
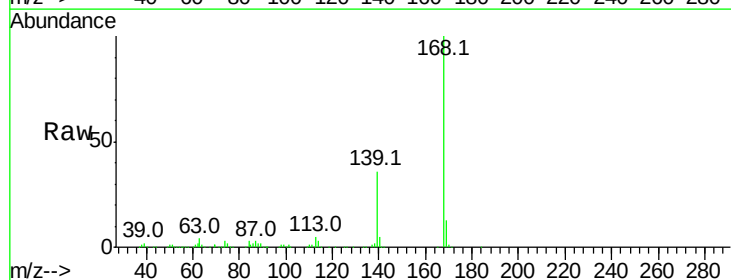
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

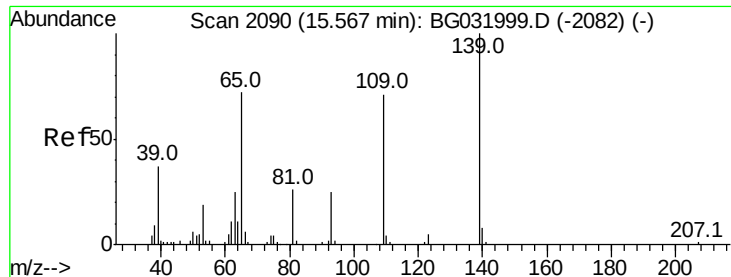
Tot Ion:184 Resp: 123916
 Ion Ratio Lower Upper
 184 100
 63 40.5 59.8 89.8#
 154 71.7 101.8 152.8#



#54
 Dibenzofuran
 Concen: 42.205 ng
 RT: 15.76 min Scan# 2122
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion:168 Resp: 465729
 Ion Ratio Lower Upper
 168 100
 139 35.7 28.6 43.0
 169 13.2 11.2 16.8

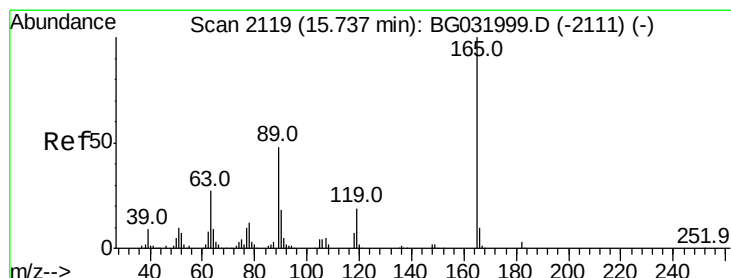
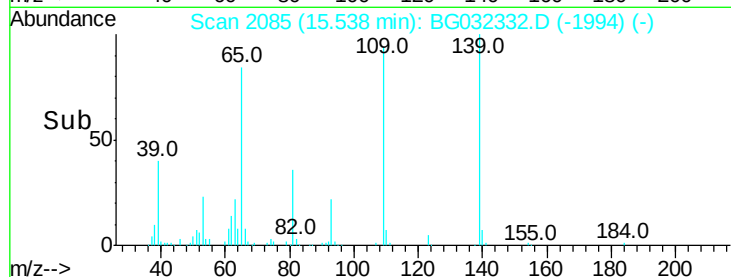
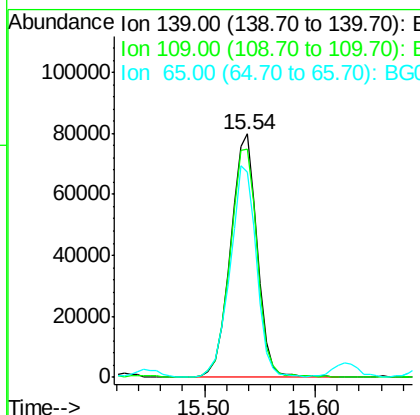
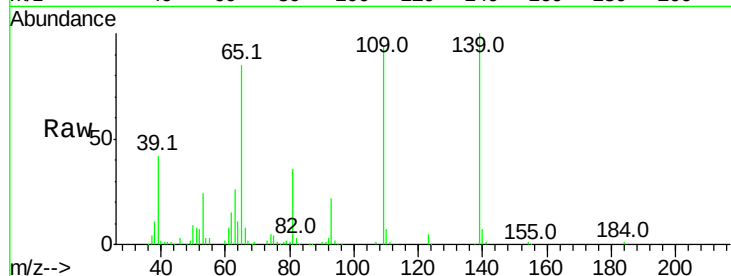




#55
4-Nitrophenol
Concen: 102.019 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

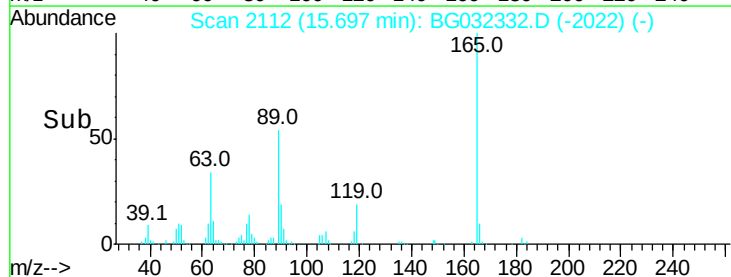
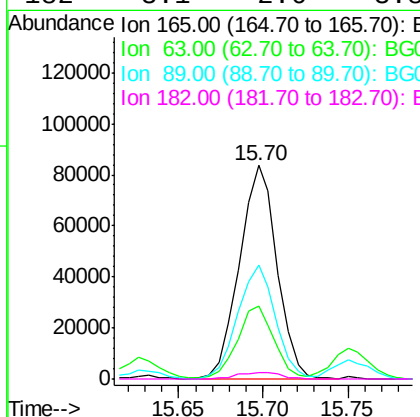
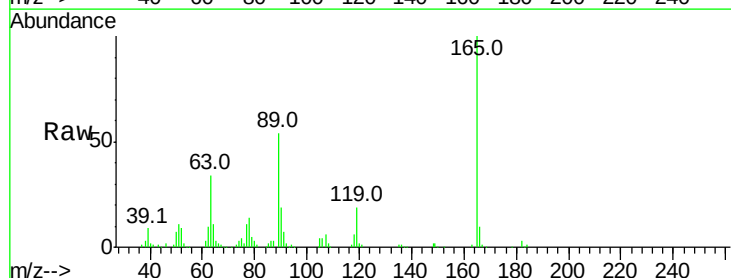
Instrument :
BNA_G
ClientSampleId :
PB105792BS

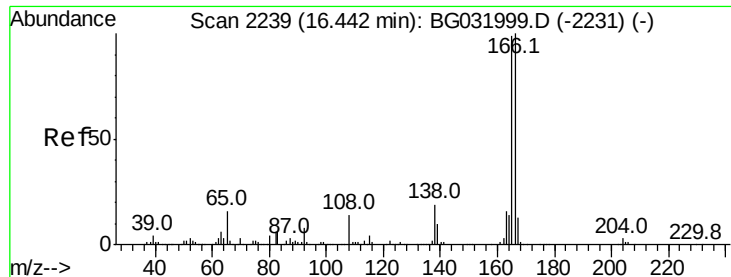
Tot Ion:139 Resp: 134357
Ion Ratio Lower Upper
139 100
109 93.8 62.2 102.2
65 84.5 97.2 137.2#



#56
2,4-Dinitrotoluene
Concen: 47.995 ng
RT: 15.70 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:165 Resp: 129288
Ion Ratio Lower Upper
165 100
63 34.4 42.0 63.0#
89 53.6 66.9 100.3#
182 3.1 2.6 3.8

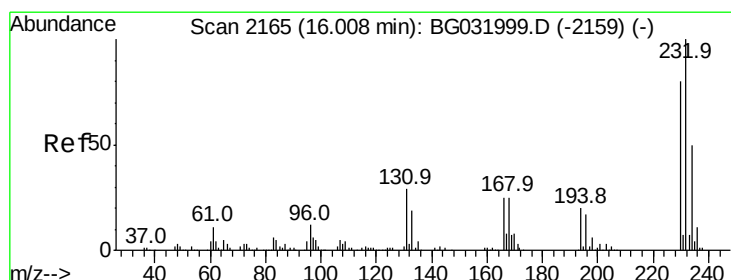
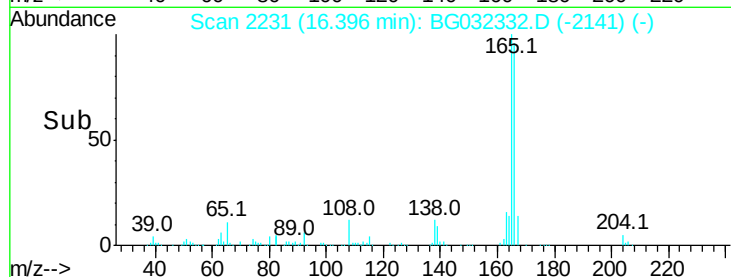
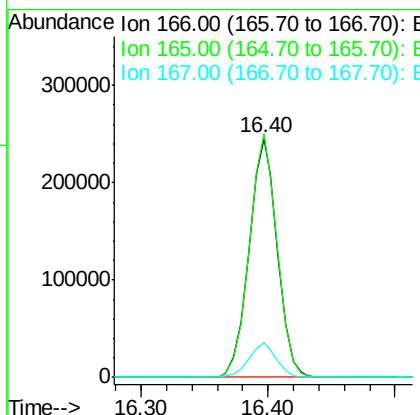
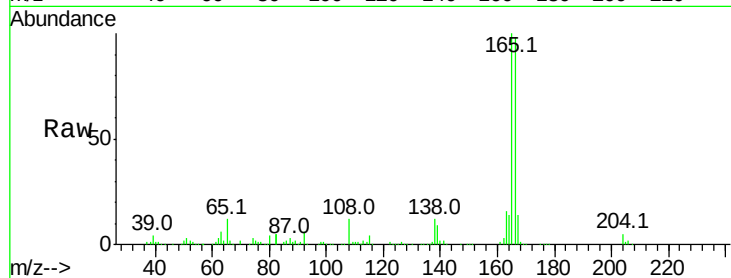




#57
 Fluorene
 Concen: 41.791 ng
 RT: 16.40 min Scan# 2231
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

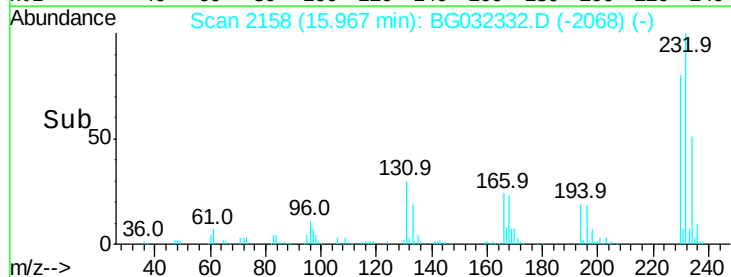
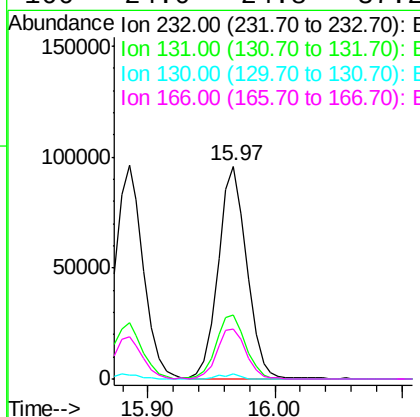
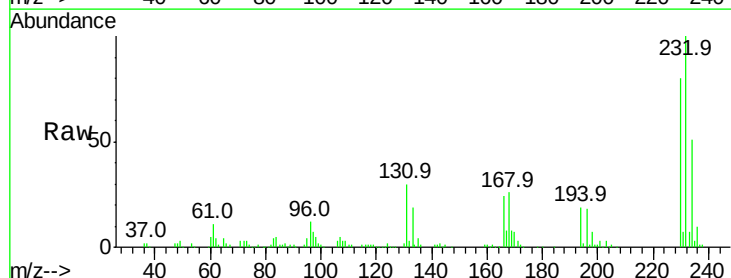
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

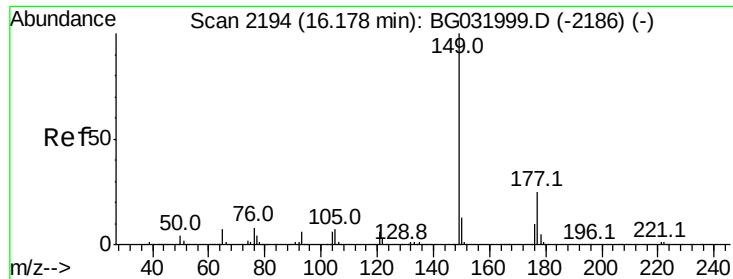
Tot Ion:166 Resp: 378222
 Ion Ratio Lower Upper
 166 100
 165 102.0 80.6 121.0
 167 14.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.425 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion:232 Resp: 148562
 Ion Ratio Lower Upper
 232 100
 131 31.5 33.5 50.3#
 130 1.6 2.2 3.2#
 166 24.0 24.8 37.2#

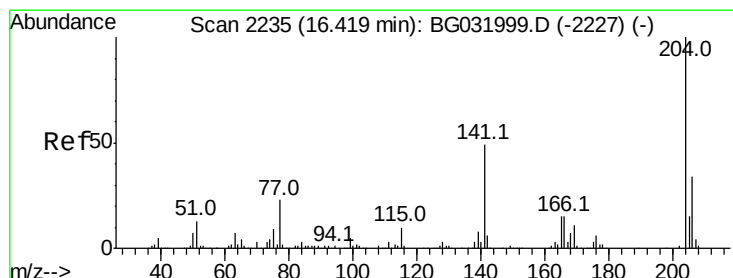
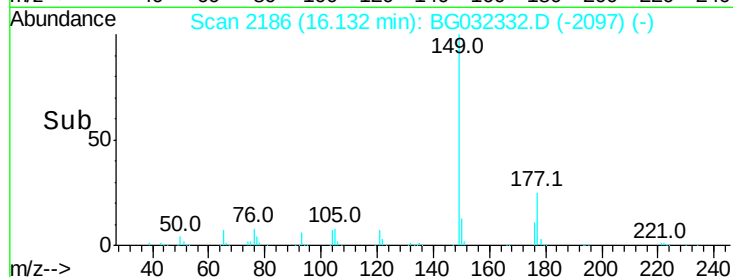
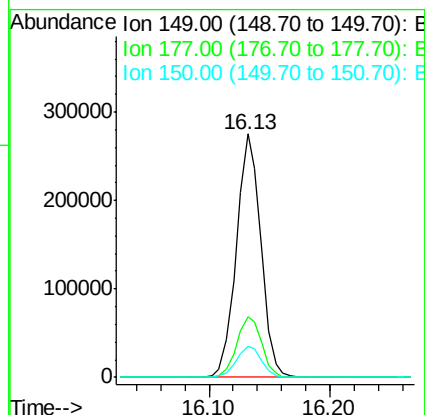
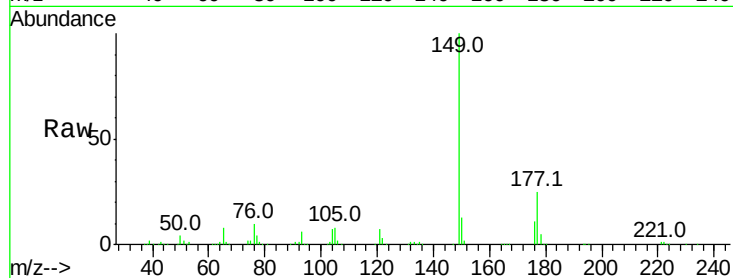




#59
Diethylphthalate
Concen: 41.378 ng
RT: 16.13 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

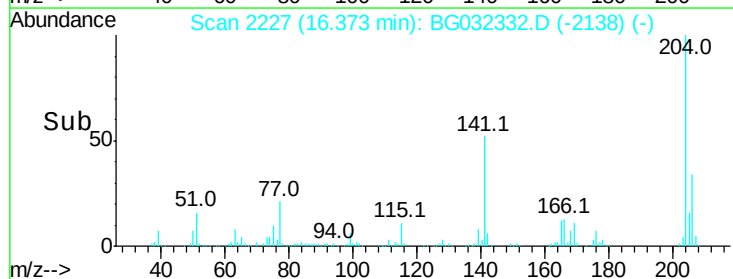
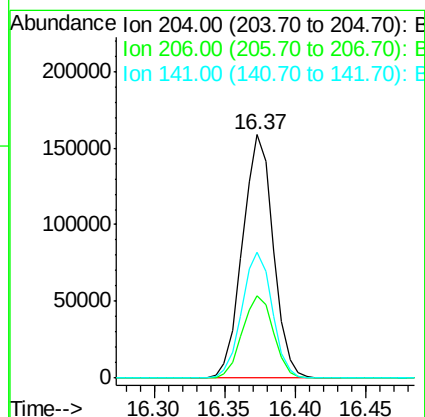
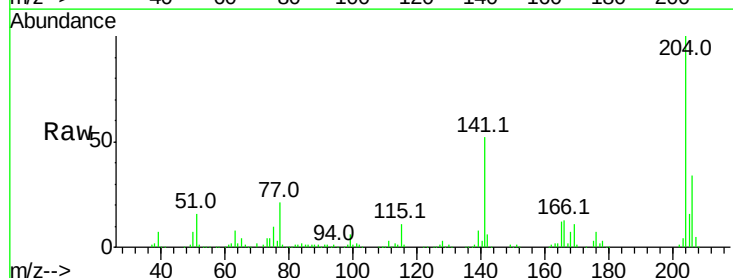
Instrument :
BNA_G
ClientSampleId :
PB105792BS

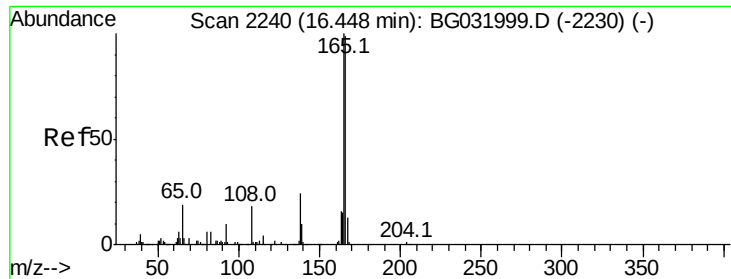
Tot Ion:149 Resp: 386678
Ion Ratio Lower Upper
149 100
177 25.1 18.5 27.7
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 43.598 ng
RT: 16.37 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:204 Resp: 242046
Ion Ratio Lower Upper
204 100
206 33.6 26.2 39.2
141 51.5 45.8 68.6

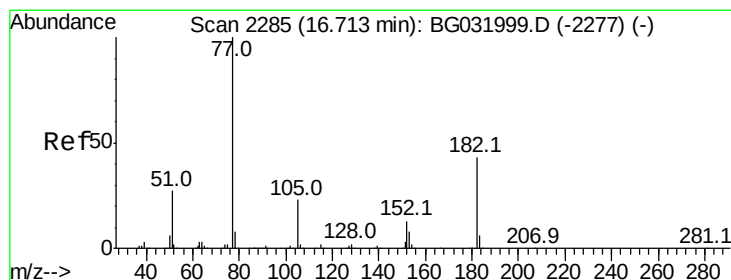
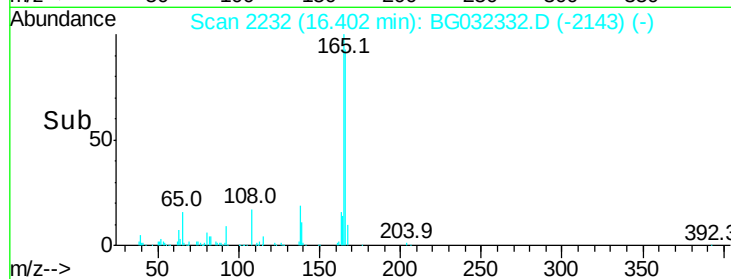
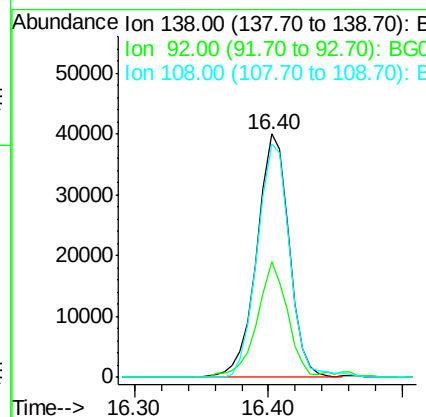
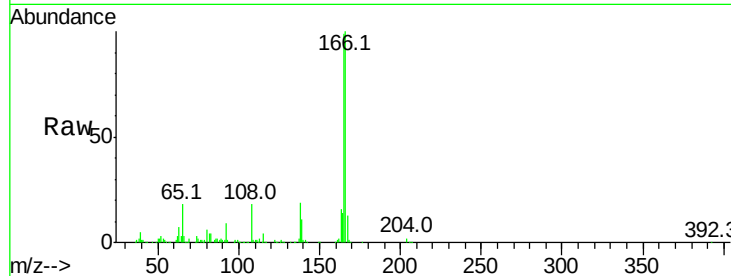




#61
4-Nitroaniline
Concen: 38.486 ng
RT: 16.40 min Scan# 2232
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

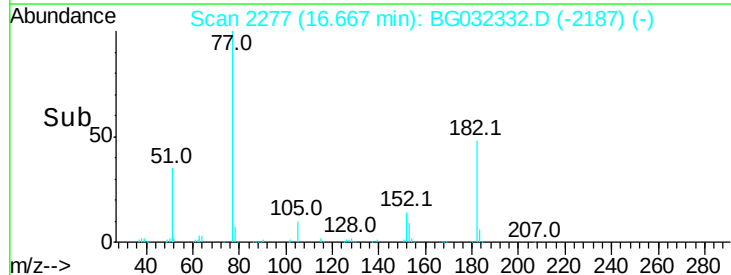
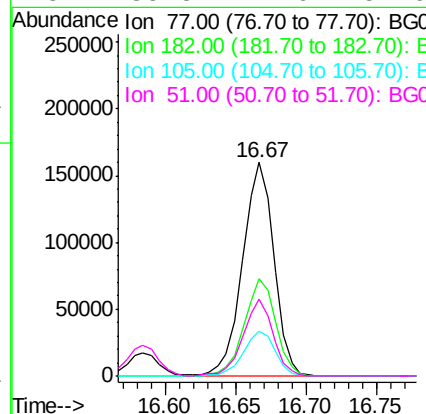
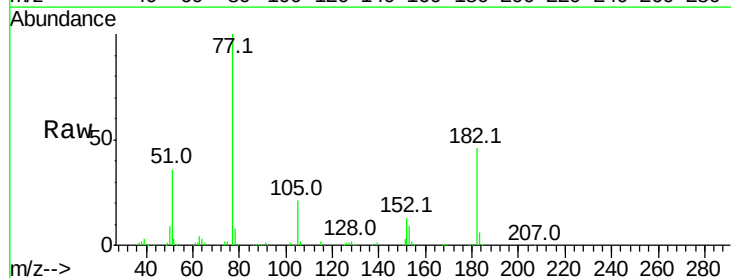
Instrument :
BNA_G
ClientSampleId :
PB105792BS

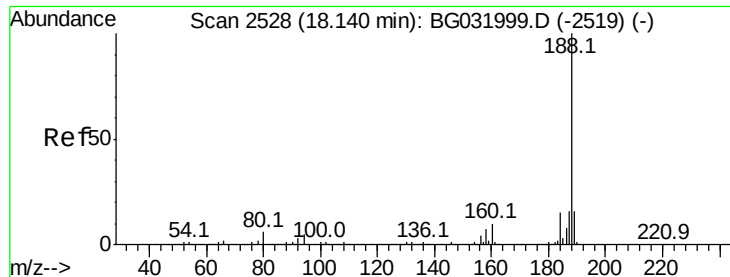
Tot Ion:138 Resp: 66715
Ion Ratio Lower Upper
138 100
92 47.5 40.1 80.1
108 95.7 65.4 105.4



#62
Azobenzene
Concen: 42.411 ng
RT: 16.67 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion: 77 Resp: 248066
Ion Ratio Lower Upper
77 100
182 45.6 7.4 47.4
105 21.1 0.3 40.3
51 35.8 11.6 51.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.09 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

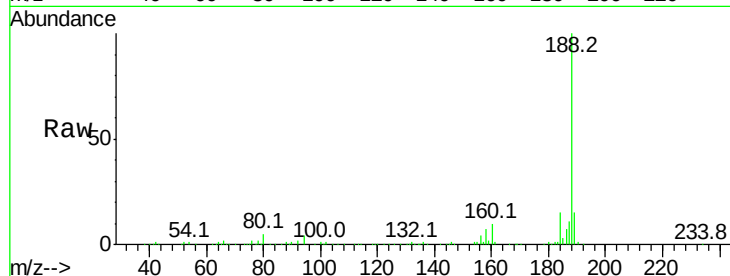
Tot Ion:188 Resp: 290793

Ion Ratio Lower Upper

188 100

94 4.3 6.9 10.3#

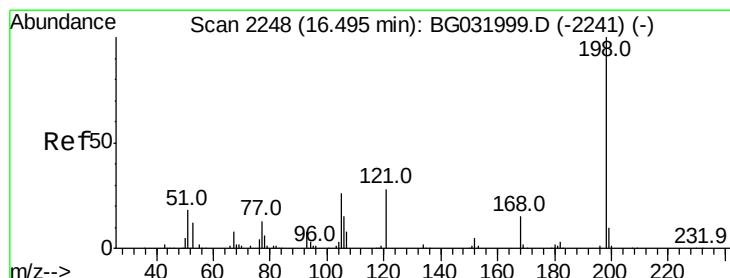
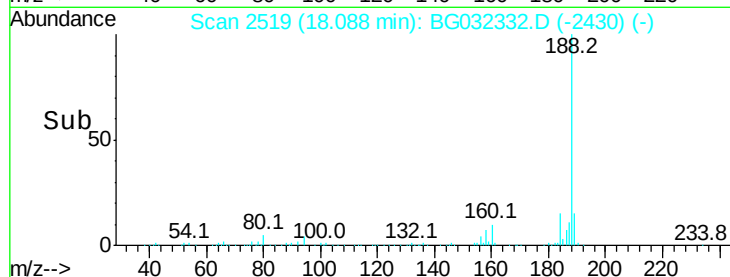
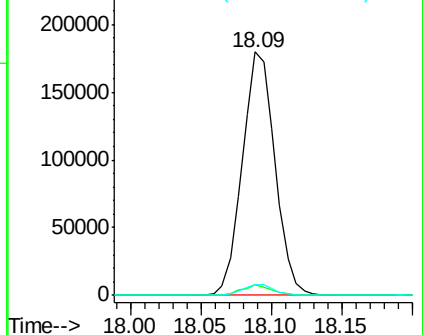
80 4.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 46.565 ng

RT: 16.46 min Scan# 2241

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

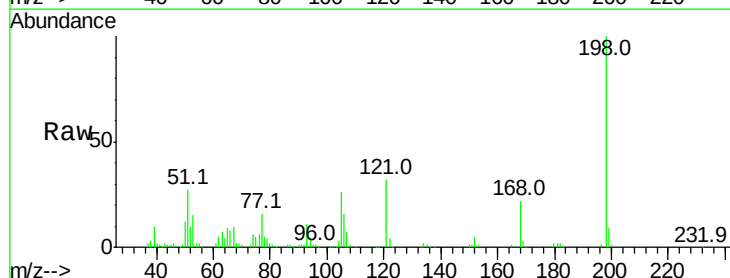
Tgt Ion:198 Resp: 86367

Ion Ratio Lower Upper

198 100

51 27.2 30.6 70.6#

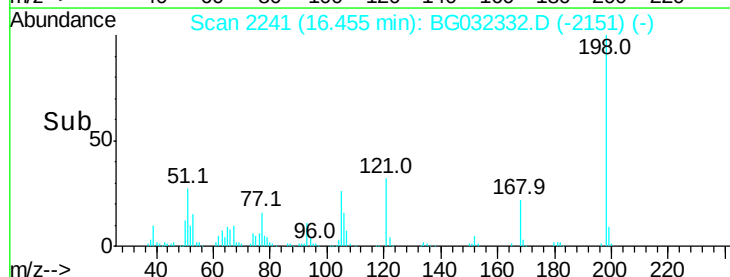
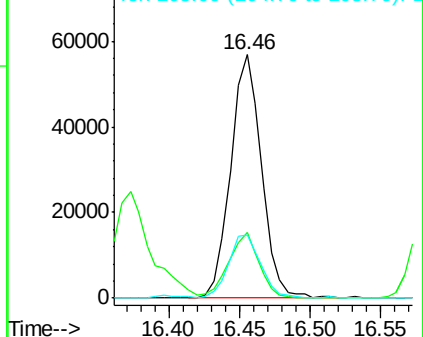
105 26.1 23.8 63.8

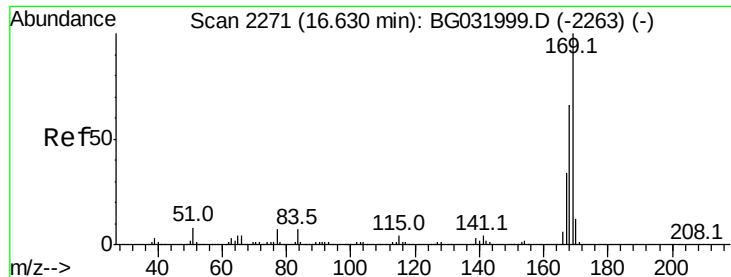


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.598 ng

RT: 16.58 min Scan# 2263

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

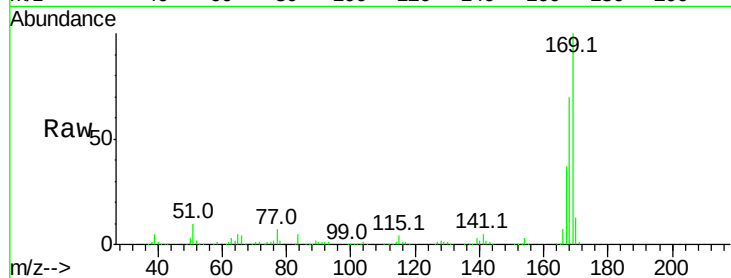
Tot Ion:169 Resp: 349405

Ion Ratio Lower Upper

169 100

168 70.4 55.7 83.5

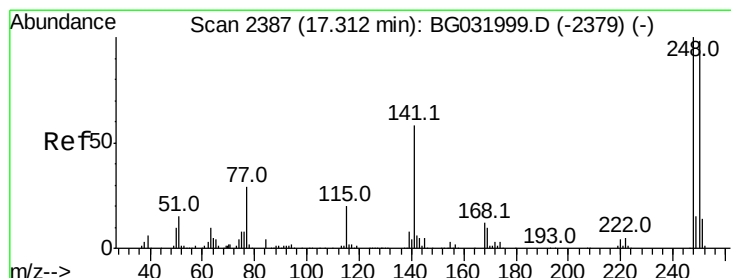
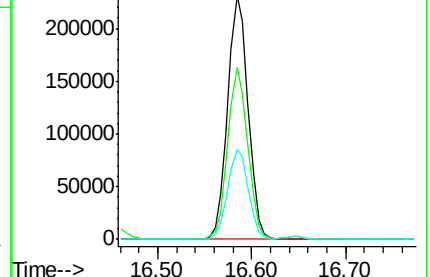
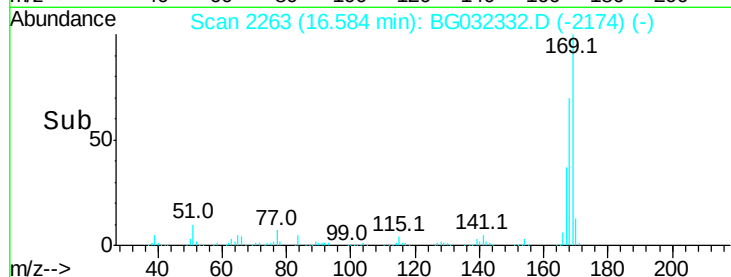
167 37.2 30.1 45.1



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: 42.498 ng

RT: 17.27 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

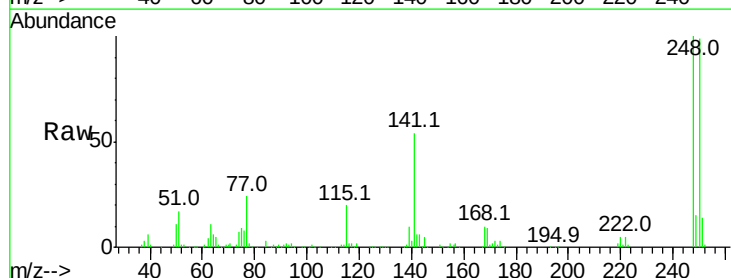
Tgt Ion:248 Resp: 175834

Ion Ratio Lower Upper

248 100

250 98.5 77.1 115.7

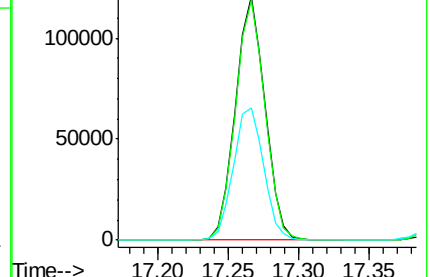
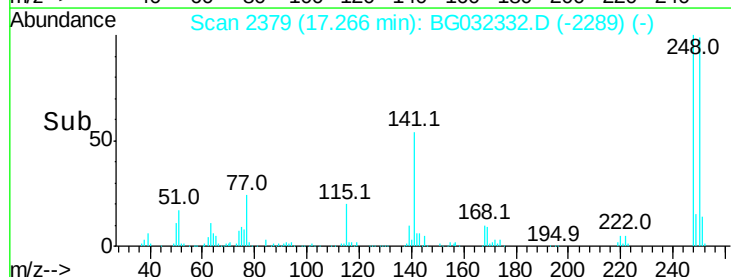
141 54.4 50.8 76.2

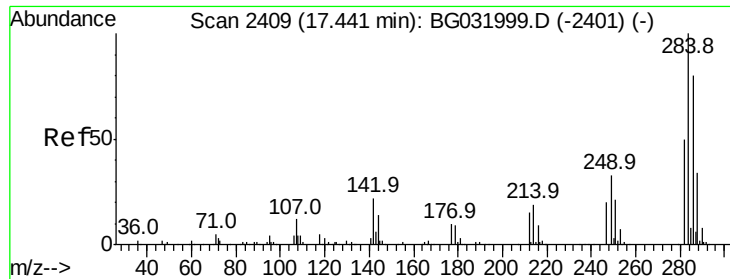


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.134 ng

RT: 17.40 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

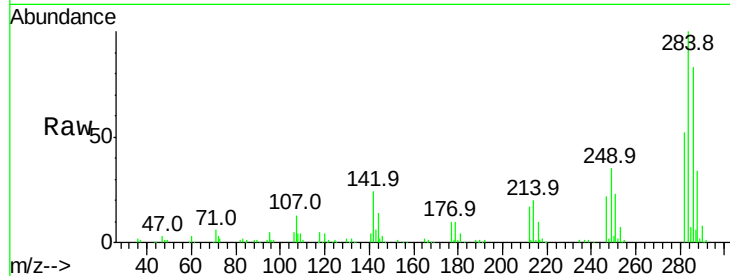
Tot Ion:284 Resp: 183714

Ion Ratio Lower Upper

284 100

142 23.7 26.8 40.2#

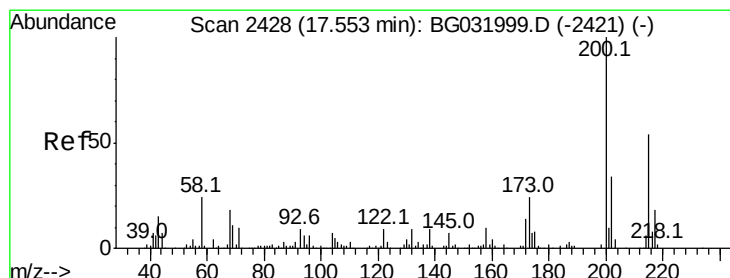
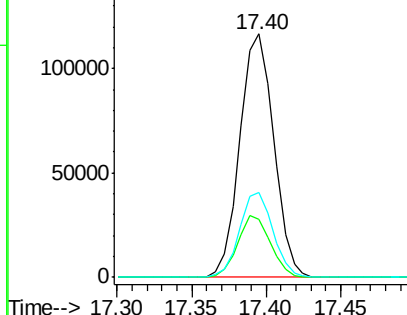
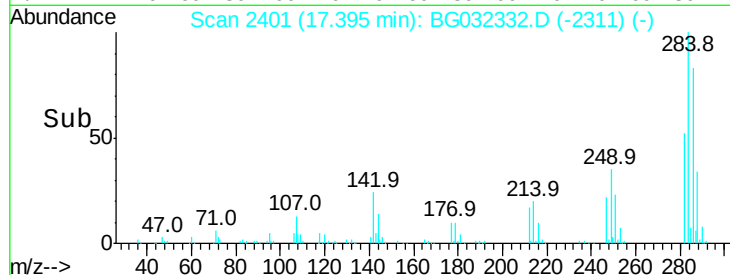
249 34.6 26.3 39.5



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: 45.161 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

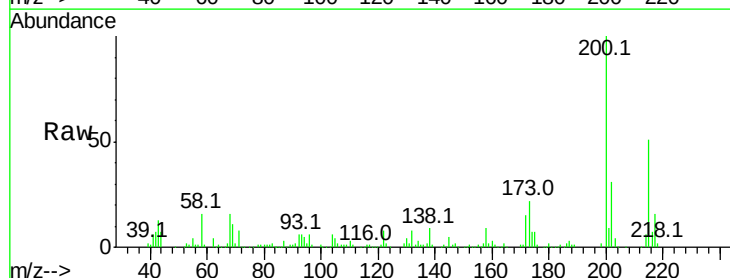
Tgt Ion:200 Resp: 167587

Ion Ratio Lower Upper

200 100

173 21.7 5.2 45.2

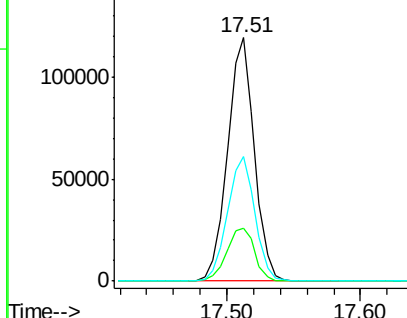
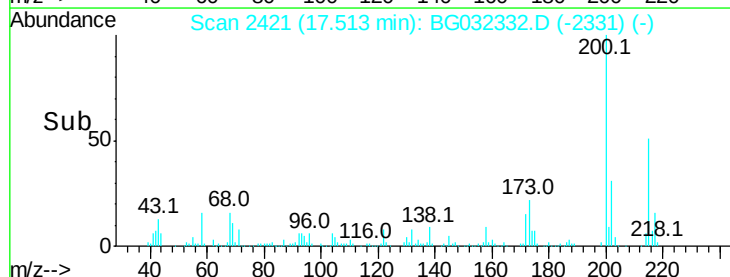
215 51.0 30.4 70.4

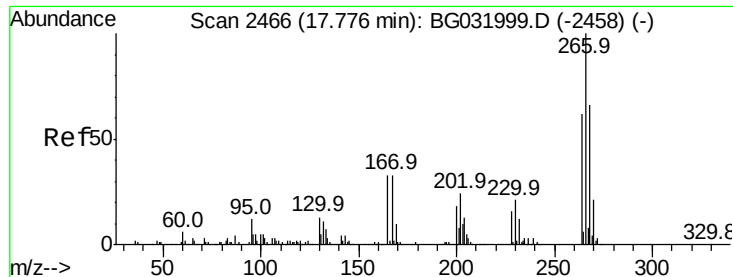


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 83.845 ng

RT: 17.73 min Scan# 2458

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

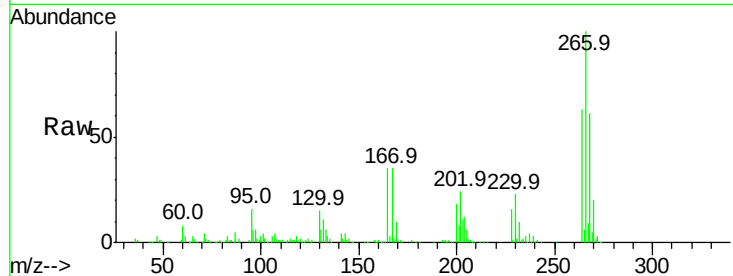
Tot Ion:266 Resp: 245317

Ion Ratio Lower Upper

266 100

268 61.2 51.1 76.7

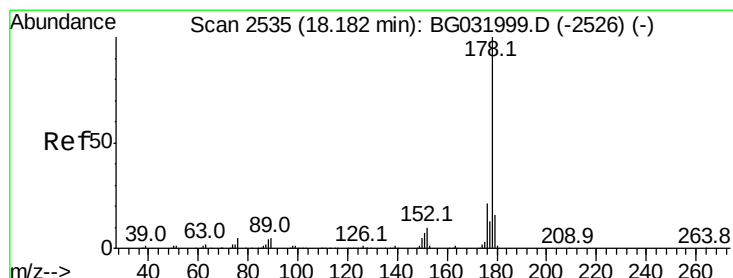
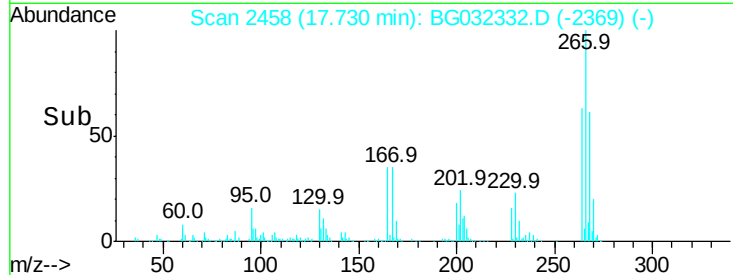
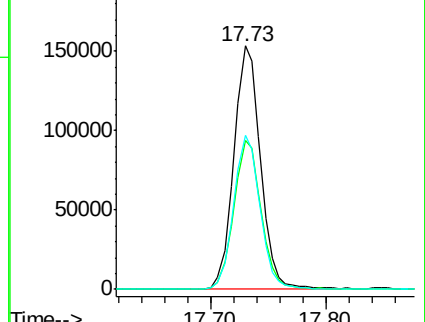
264 63.0 49.6 74.4



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: 40.583 ng

RT: 18.14 min Scan# 2527

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

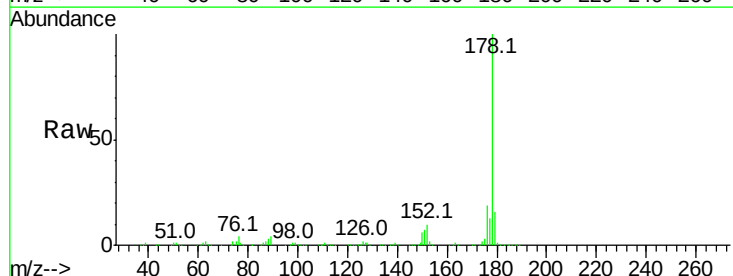
Tgt Ion:178 Resp: 657042

Ion Ratio Lower Upper

178 100

176 19.0 15.7 23.5

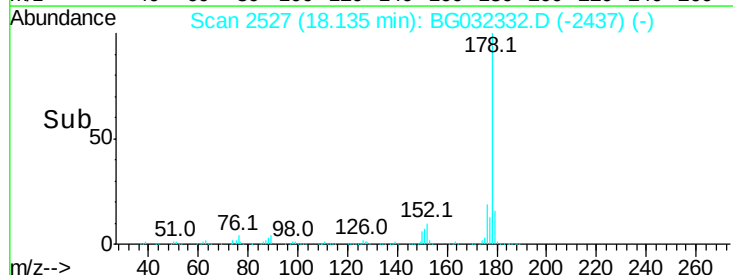
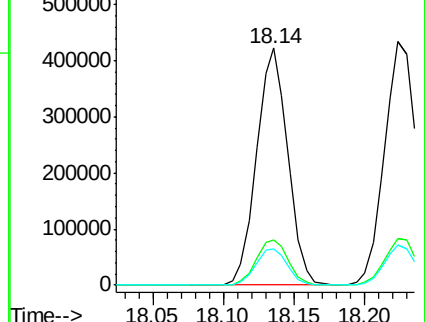
179 15.5 12.5 18.7

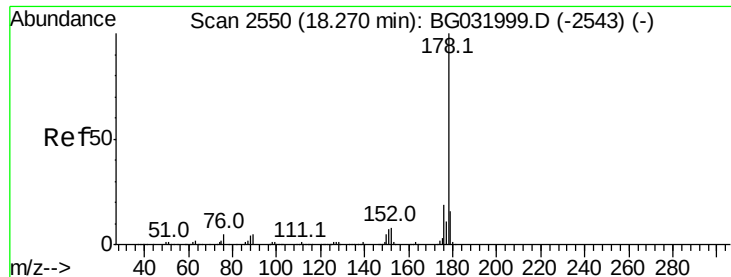


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.204 ng

RT: 18.22 min Scan# 2542

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

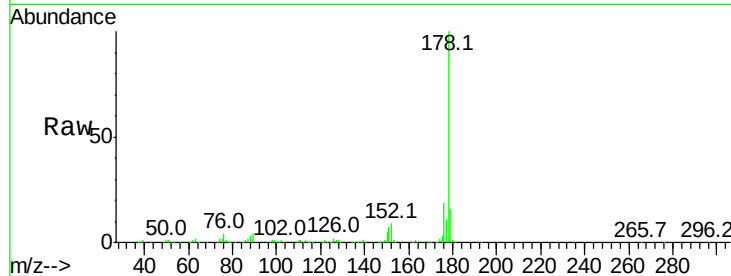
Tot Ion:178 Resp: 681504

Ion Ratio Lower Upper

178 100

176 19.2 16.0 24.0

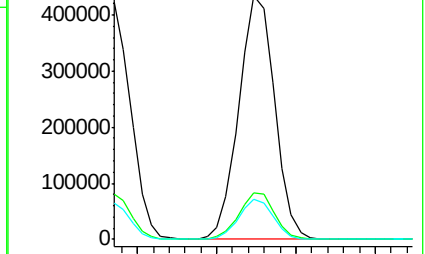
179 16.4 12.5 18.7



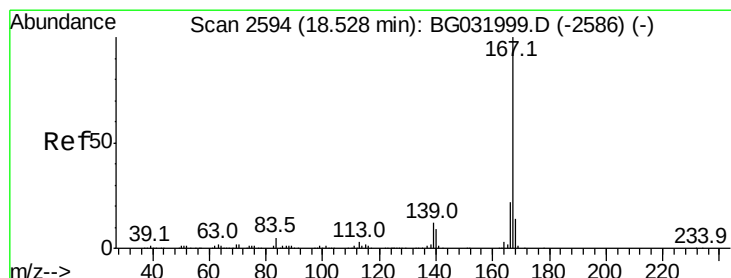
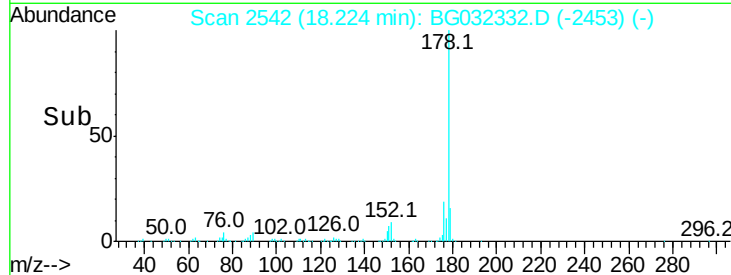
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->



#72

Carbazole

Concen: 41.513 ng

RT: 18.48 min Scan# 2586

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

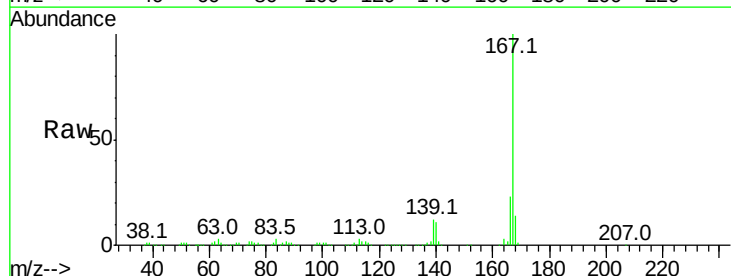
Tgt Ion:167 Resp: 581525

Ion Ratio Lower Upper

167 100

166 23.1 18.2 27.4

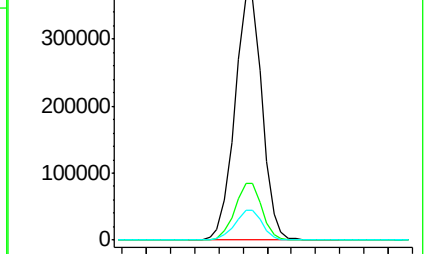
139 12.4 9.4 14.2



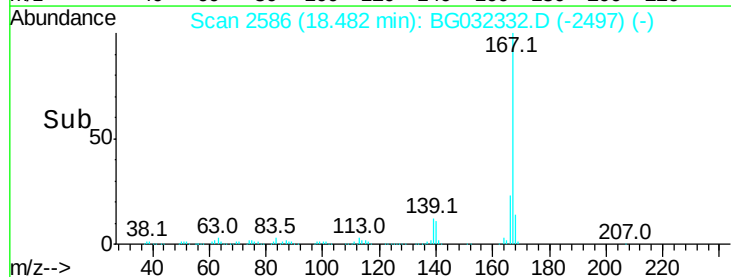
Abundance Ion 167.00 (166.70 to 167.70): E

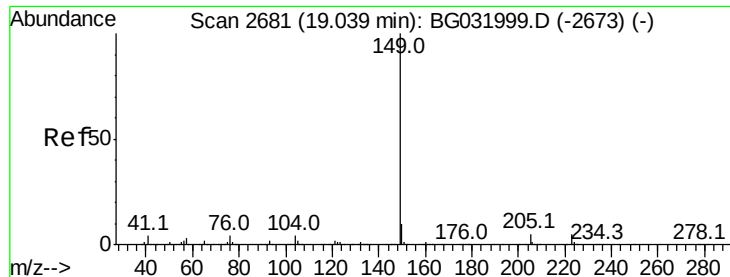
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->





#73

Di-n-butylphthalate

Concen: 39.907 ng

RT: 18.99 min Scan# 2673

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

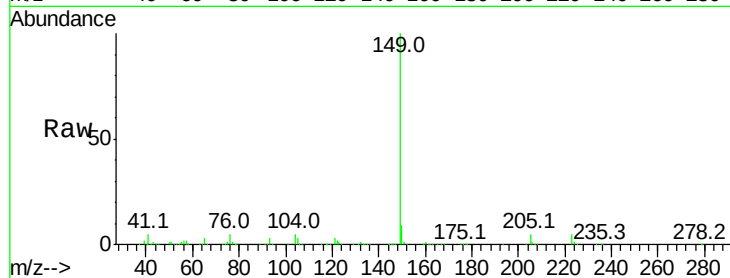
Tot Ion:149 Resp: 660569

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

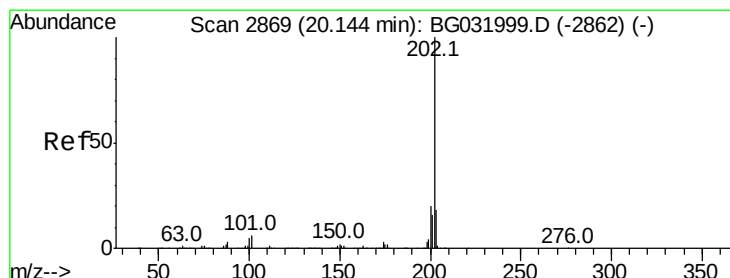
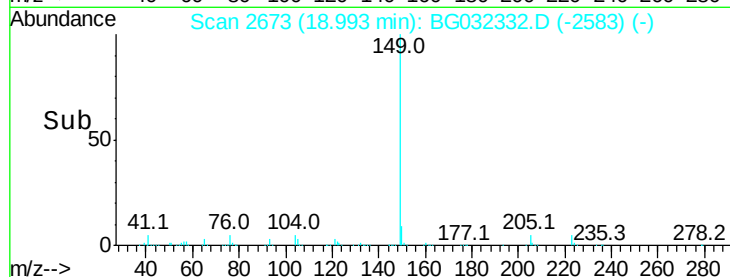
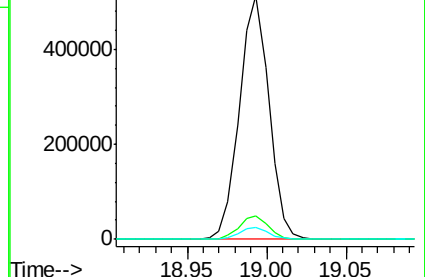
104 5.0 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.952 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

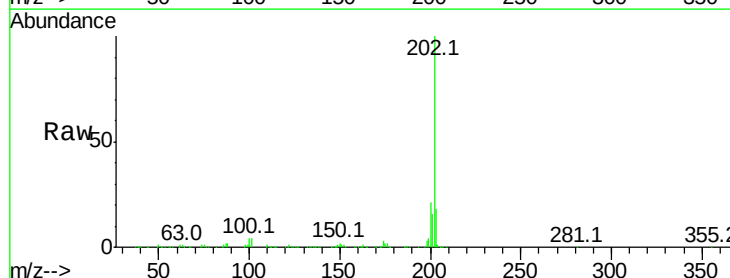
Tgt Ion:202 Resp: 890942

Ion Ratio Lower Upper

202 100

101 4.3 0.0 28.9

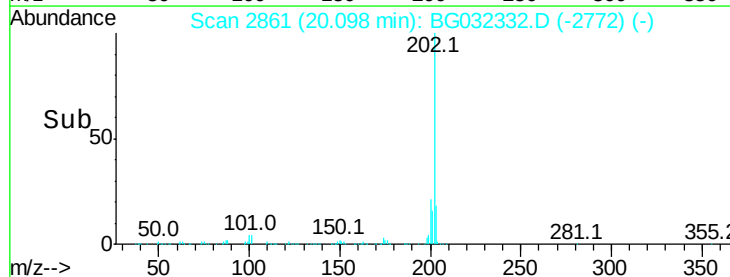
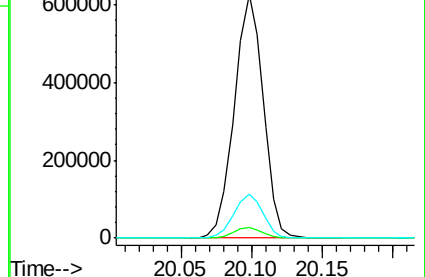
203 18.1 0.0 37.5

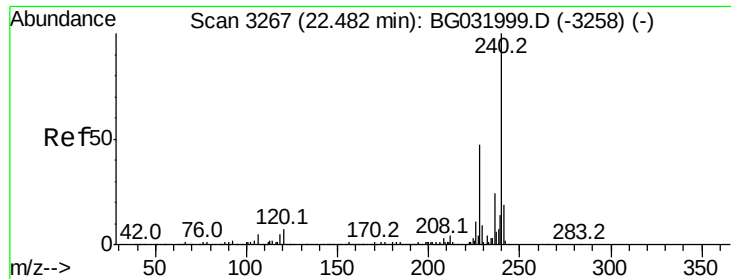


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3257

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

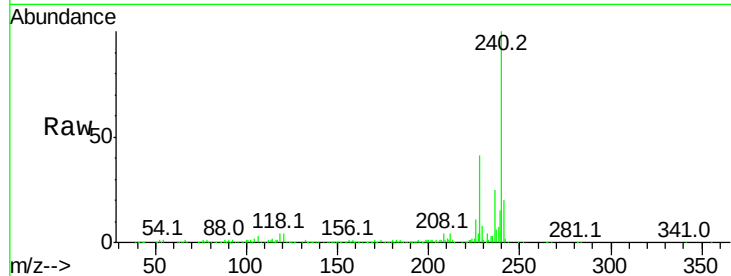
Tot Ion:240 Resp: 354966

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

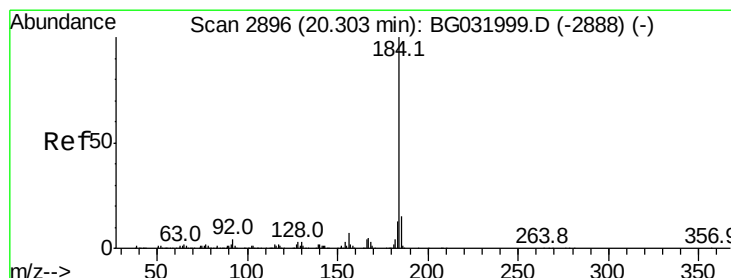
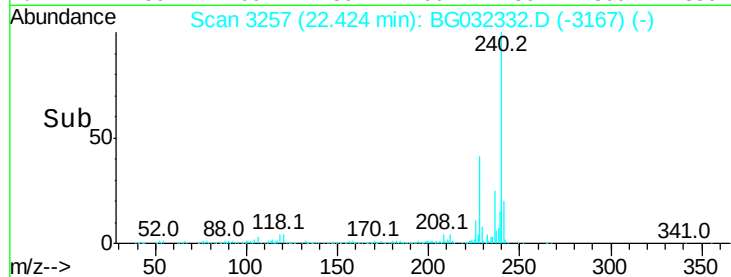
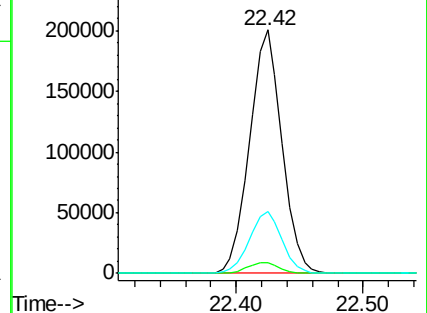
236 25.4 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.345 ng

RT: 20.26 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

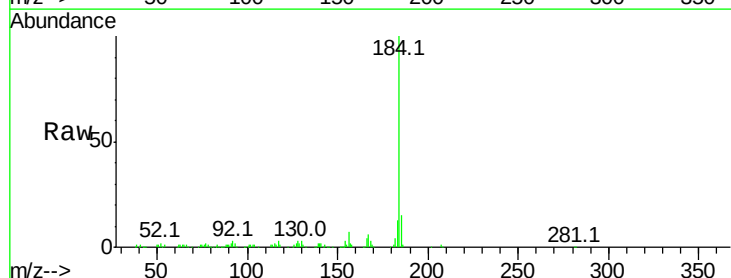
Tgt Ion:184 Resp: 180585

Ion Ratio Lower Upper

184 100

185 15.4 11.1 16.7

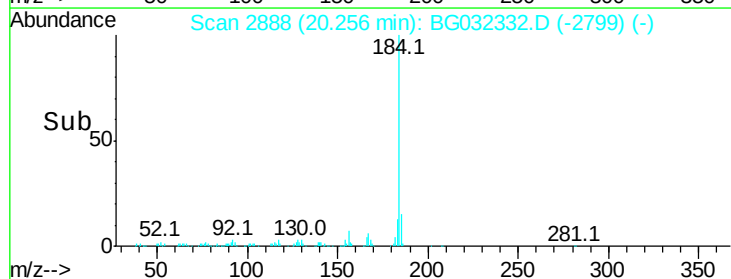
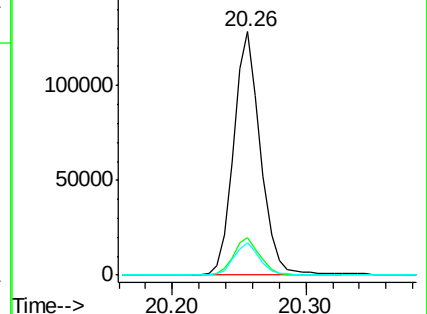
183 13.2 10.6 16.0

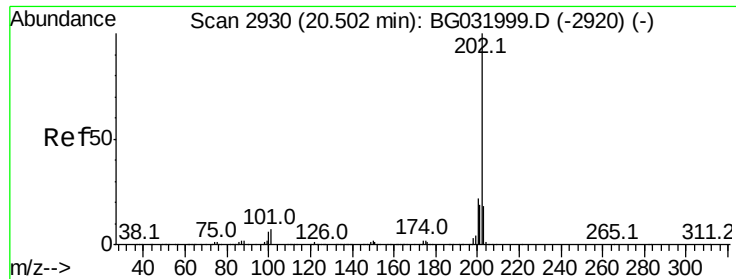


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

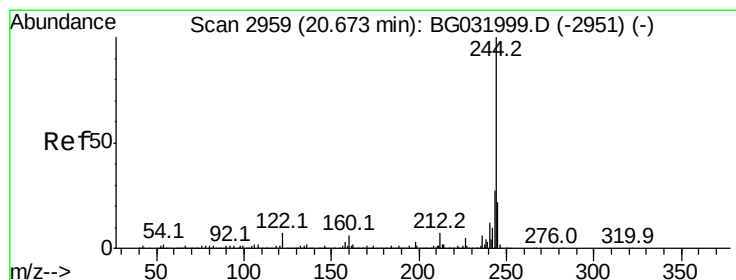
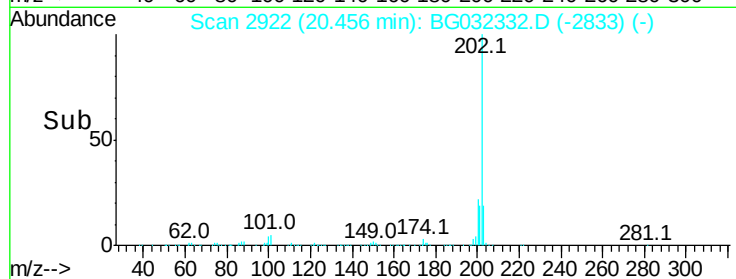
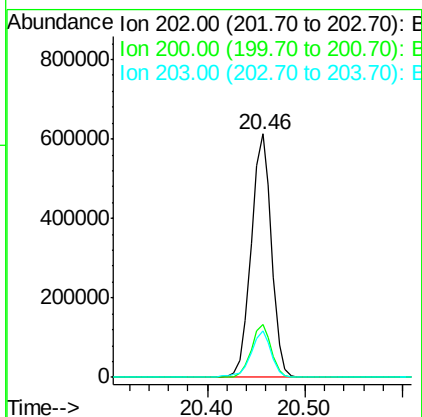
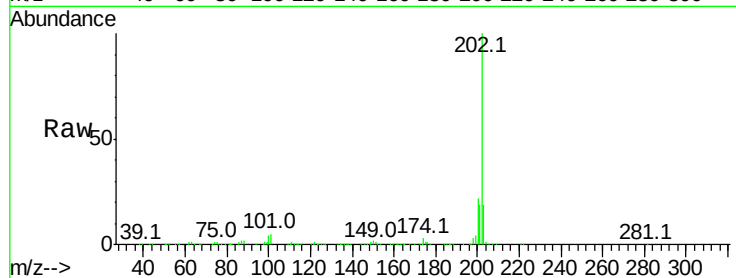




#77
 Pvrene
 Concen: 40.179 ng
 RT: 20.46 min Scan# 2922
 Delta R.T. -0.01 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

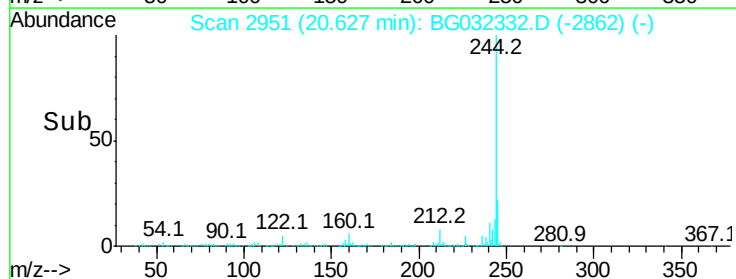
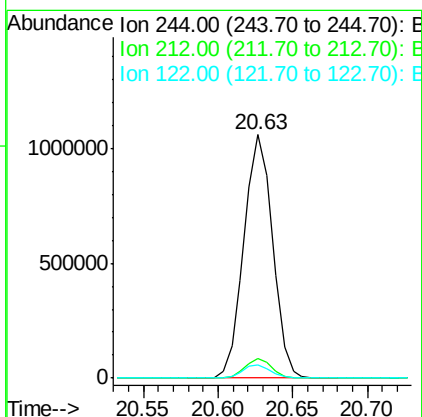
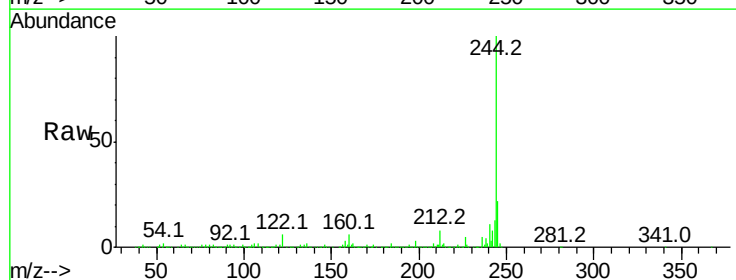
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

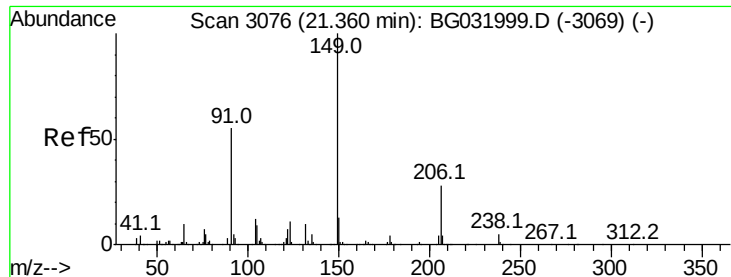
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.9	25.3
203	19.0	13.9	20.9



#78
 Terphenyl-d14
 Concen: 87.912 ng
 RT: 20.63 min Scan# 2951
 Delta R.T. -0.01 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	5.7	7.0	10.4

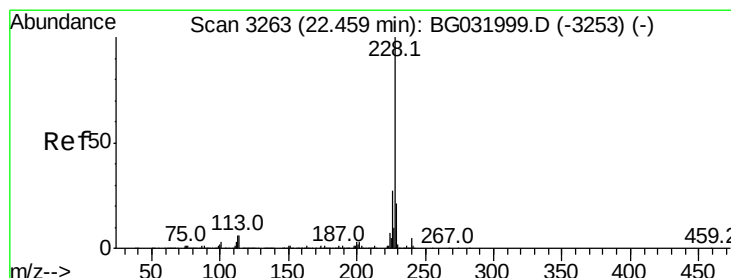
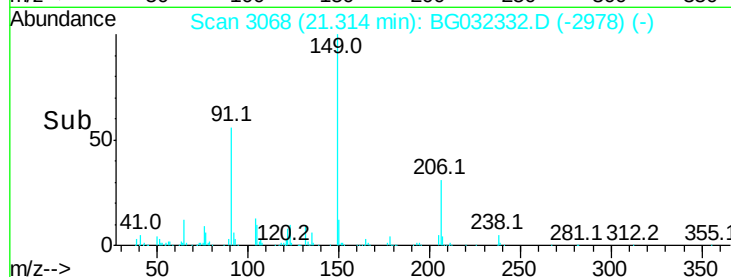
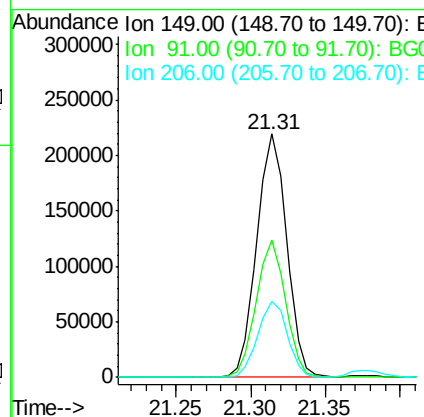
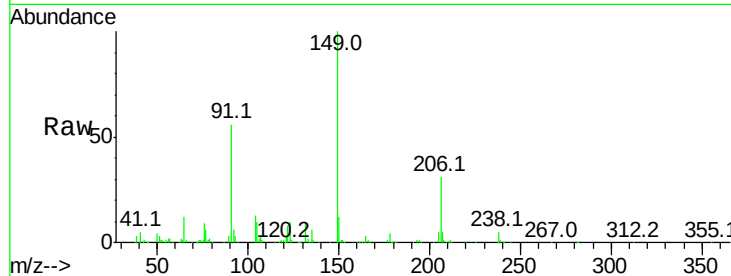




#79
Butylbenzylphthalate
Concen: 37.952 ng
RT: 21.31 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

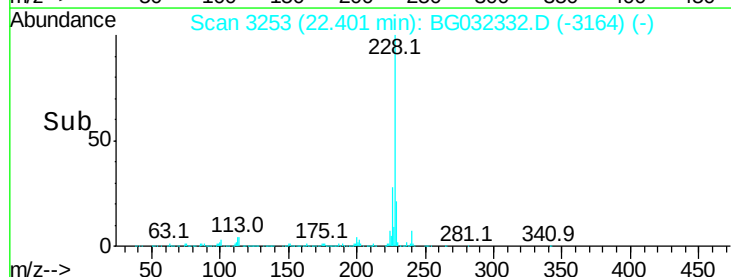
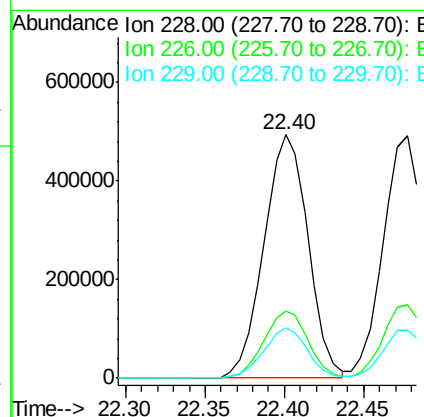
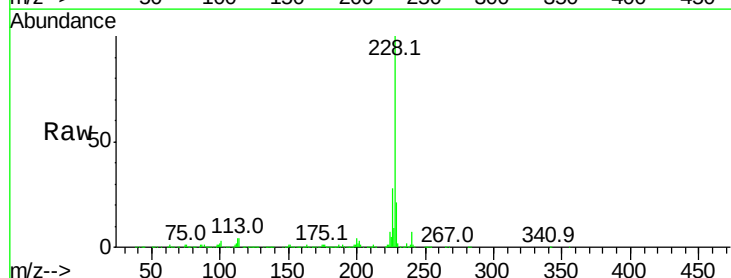
Instrument :
BNA_G
ClientSampleId :
PB105792BS

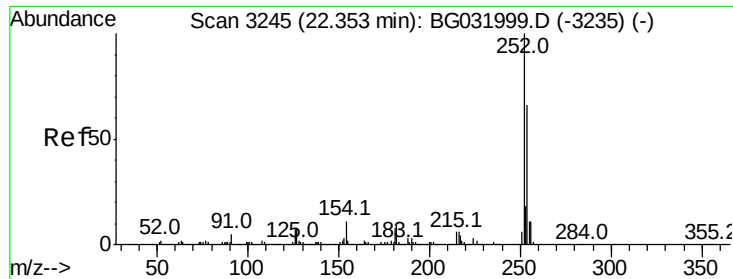
Tot Ion:149 Resp: 303424
Ion Ratio Lower Upper
149 100
91 56.5 62.2 93.2#
206 31.2 18.6 27.8#



#80
Benzo(a)anthracene
Concen: 43.137 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032332.D
Acq: 26 Jan 2018 17:29

Tgt Ion:228 Resp: 952277
Ion Ratio Lower Upper
228 100
226 27.6 22.7 34.1
229 20.7 16.2 24.2

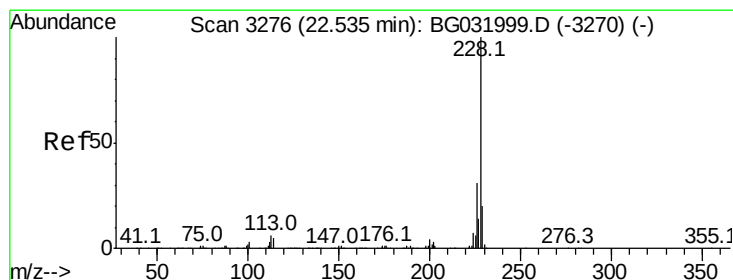
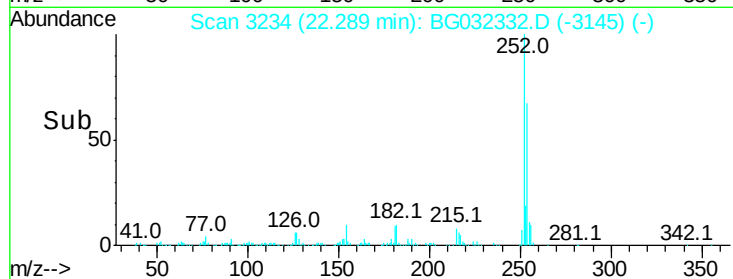
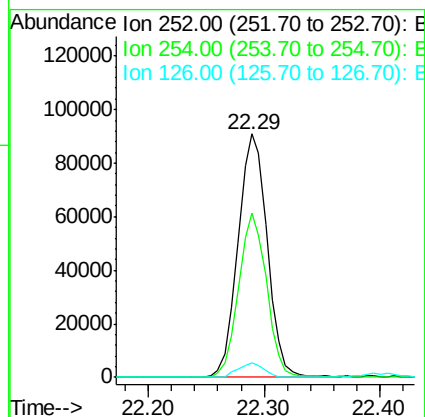
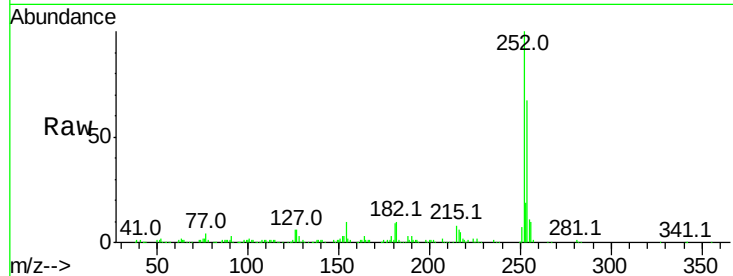




#81
 3,3'-Dichlorobenzidine
 Concen: 19.293 ng
 RT: 22.29 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

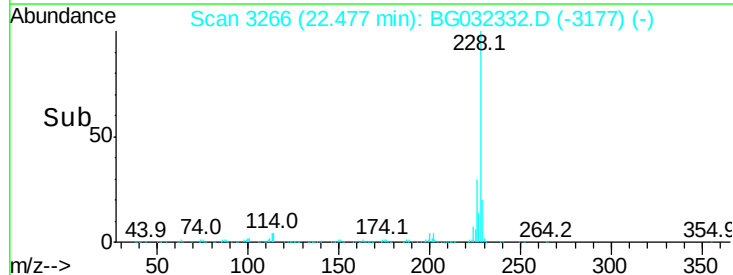
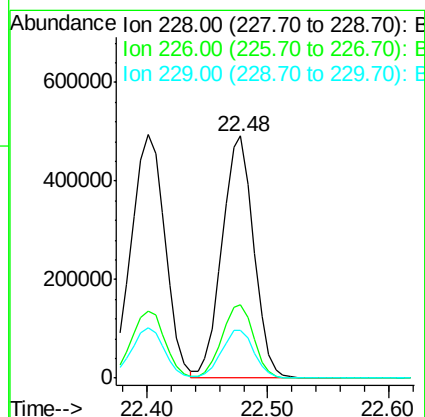
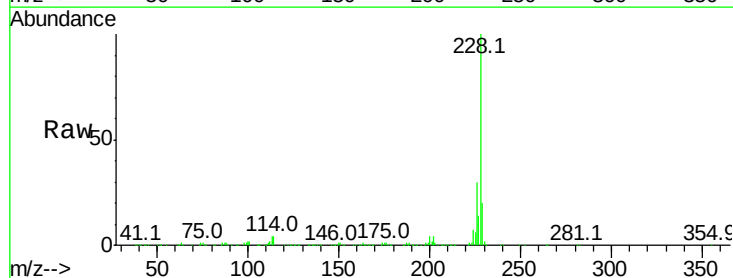
Instrument :
 BNA_G
 ClientSampleId :
 PB105792BS

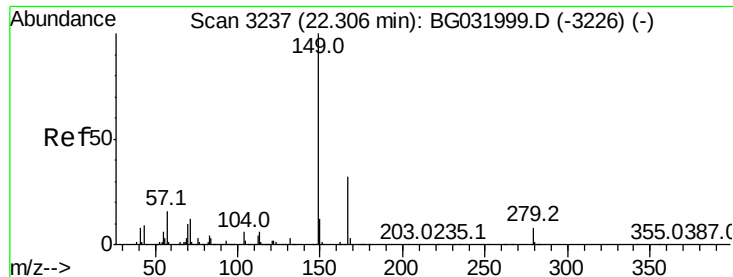
Tot Ion	Ratio	Lower	Upper
252	100		
254	67.4	50.8	76.2
126	6.1	7.4	11.2#



#82
 Chrysene
 Concen: 42.052 ng
 RT: 22.48 min Scan# 3266
 Delta R.T. -0.01 min
 Lab File: BG032332.D
 Acq: 26 Jan 2018 17:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.7	15.0	22.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.996 ng

RT: 22.24 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

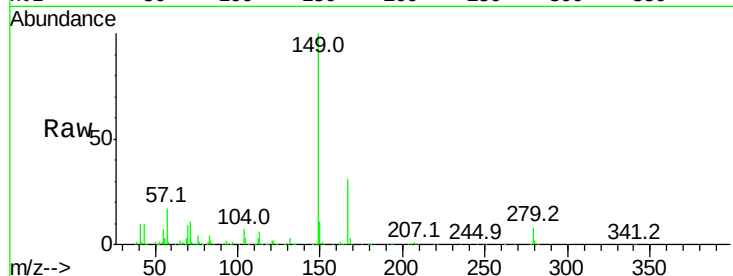
Tot Ion:149 Resp: 422015

Ion Ratio Lower Upper

149 100

167 30.7 24.3 36.5

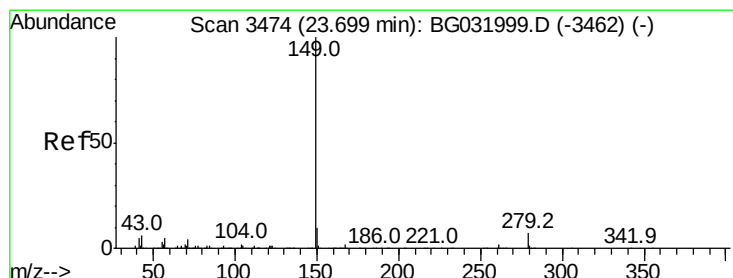
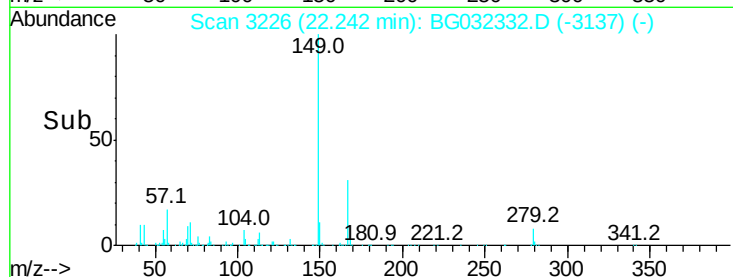
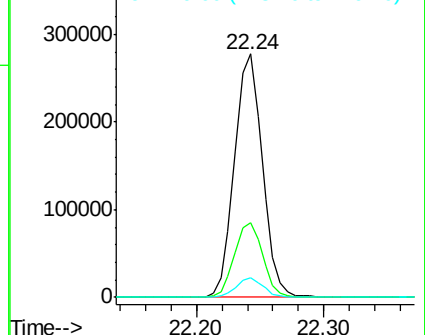
279 8.2 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.073 ng

RT: 23.61 min Scan# 3459

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

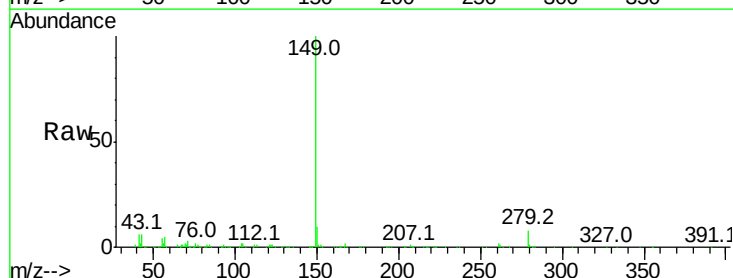
Tgt Ion:149 Resp: 727561

Ion Ratio Lower Upper

149 100

167 1.9 1.4 2.0

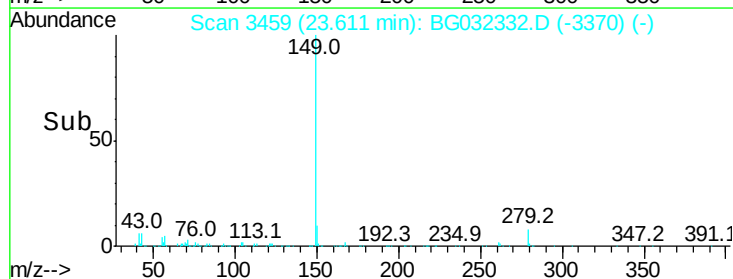
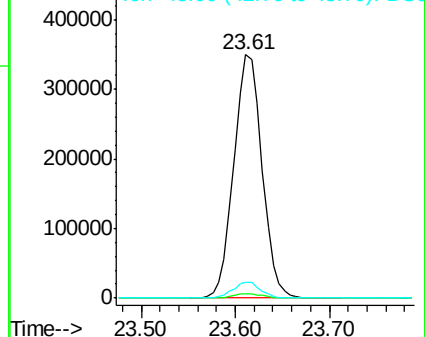
43 6.2 8.9 13.3#

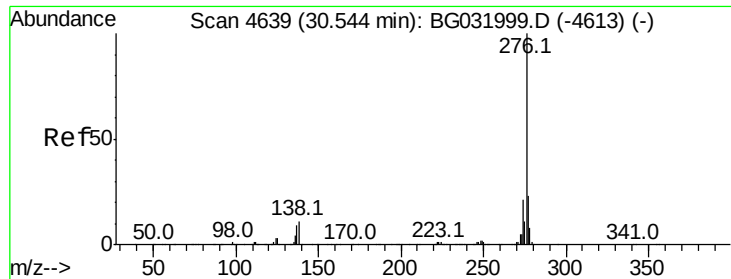


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 45.985 ng

RT: 30.38 min Scan# 4611

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

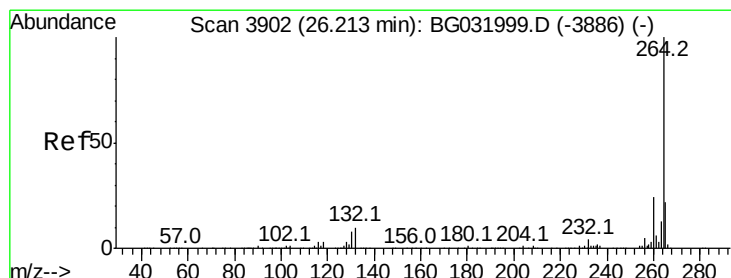
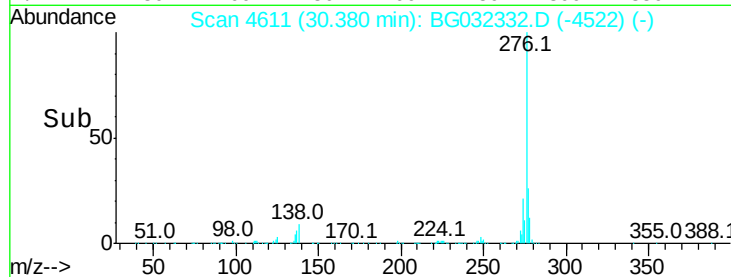
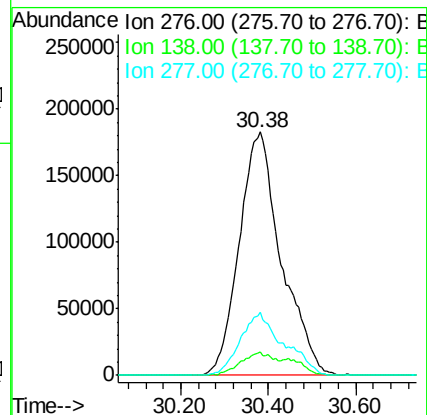
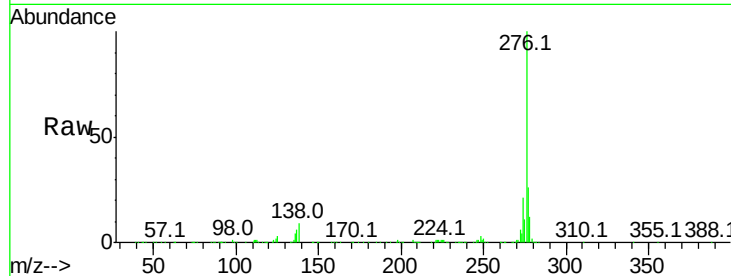
Tot Ion:276 Resp: 1193096

Ion Ratio Lower Upper

276 100

138 7.6 16.0 24.0#

277 26.6 20.0 30.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.11 min Scan# 3884

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

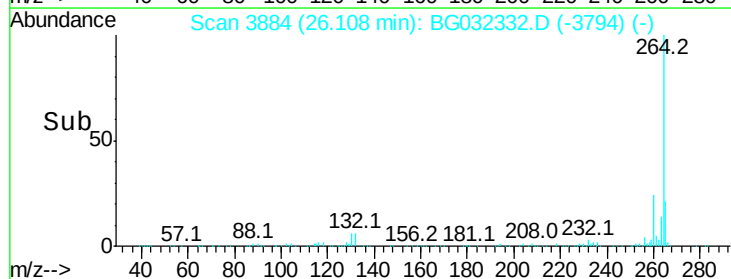
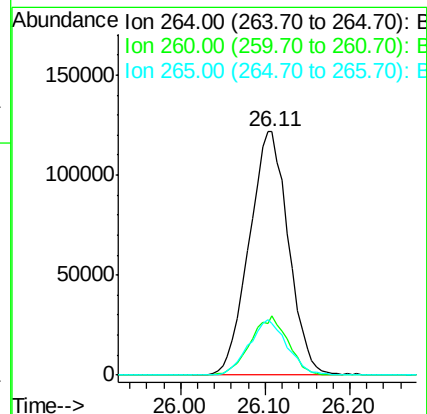
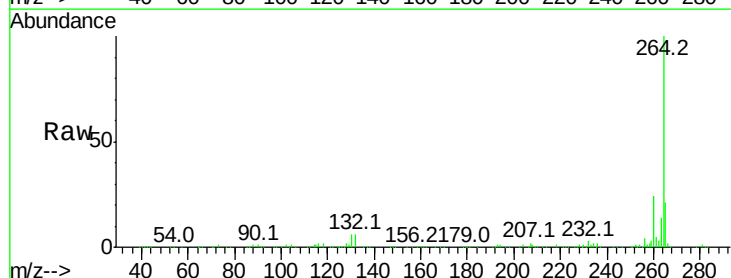
Tgt Ion:264 Resp: 392646

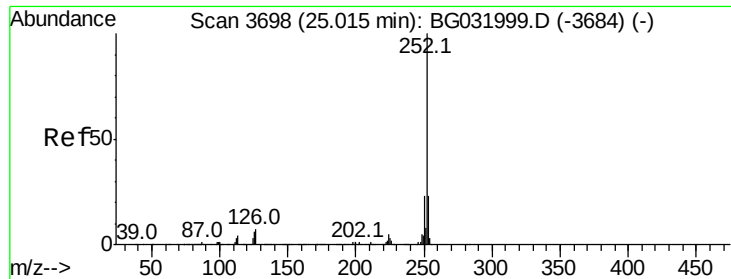
Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 21.4 17.7 26.5





#87

Benzo(b)fluoranthene

Concen: 42.070 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

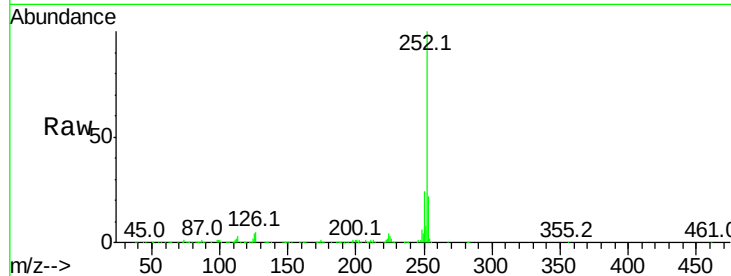
Tot Ion:252 Resp: 998468

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

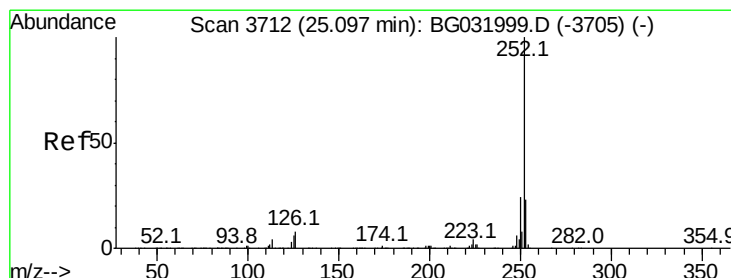
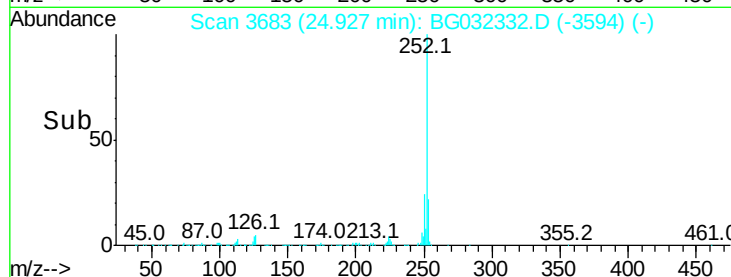
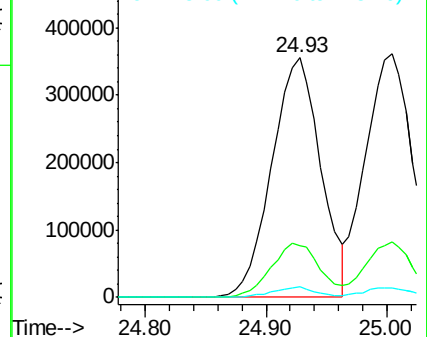
125 4.3 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.424 ng

RT: 25.00 min Scan# 3696

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

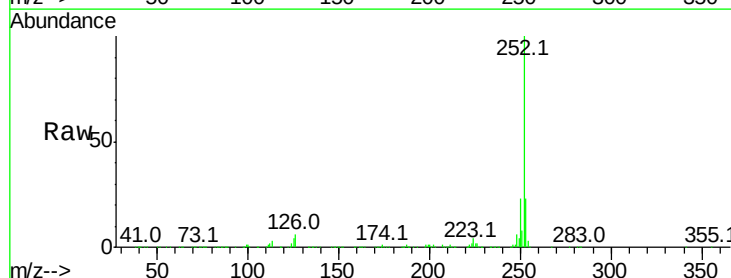
Tgt Ion:252 Resp: 983873

Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.2

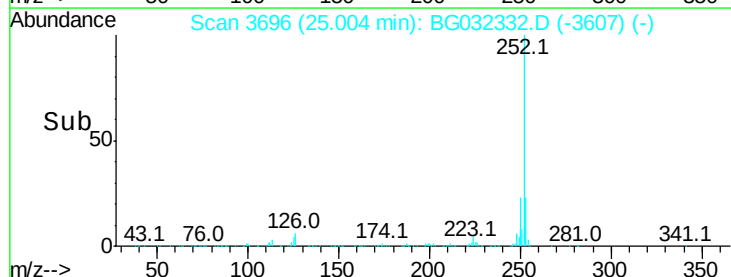
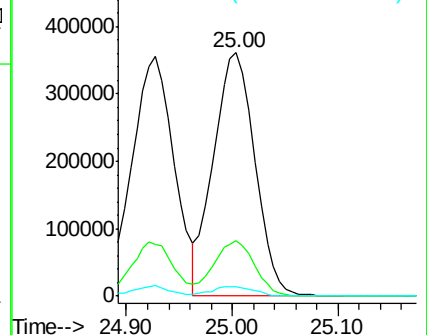
125 3.8 6.6 9.8#

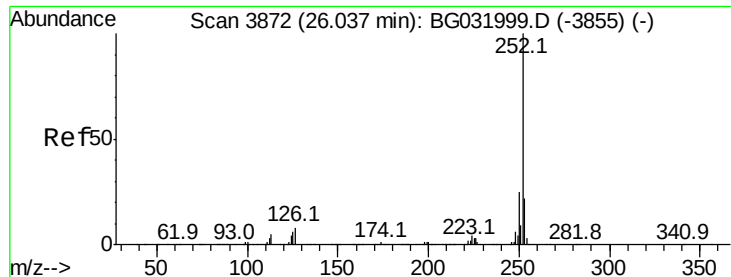


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.552 ng

RT: 25.93 min Scan# 3854

Delta R.T. -0.01 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

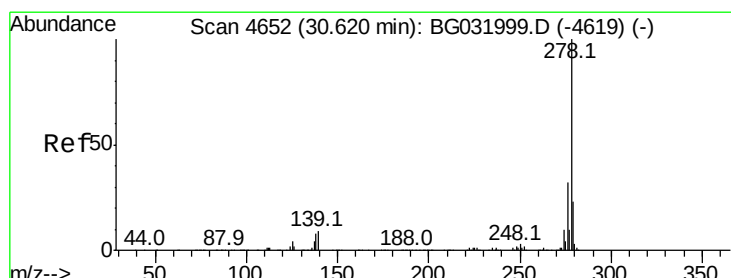
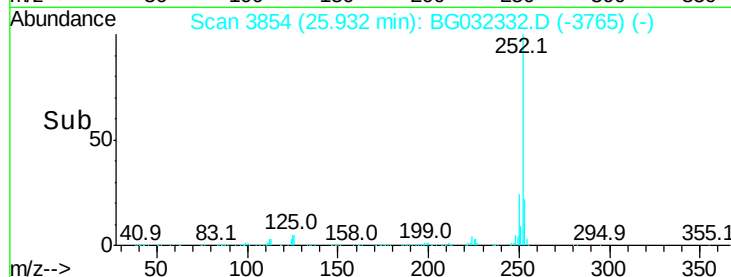
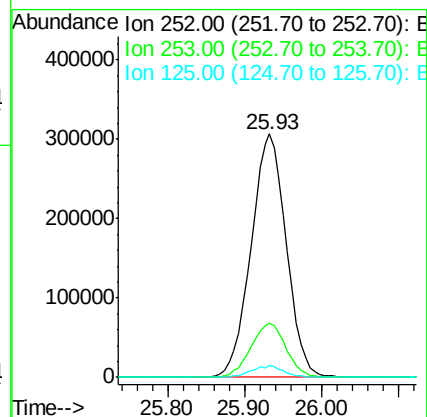
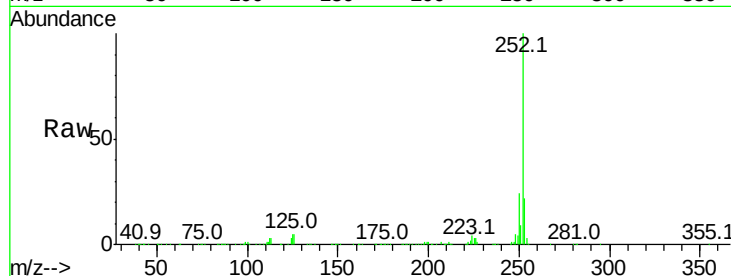
Tot Ion:252 Resp: 977783

Ion Ratio Lower Upper

252 100

253 22.1 18.3 27.5

125 4.9 7.3 10.9#



#90

Dibenzo(a,h)anthracene

Concen: 45.554 ng

RT: 30.46 min Scan# 4624

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

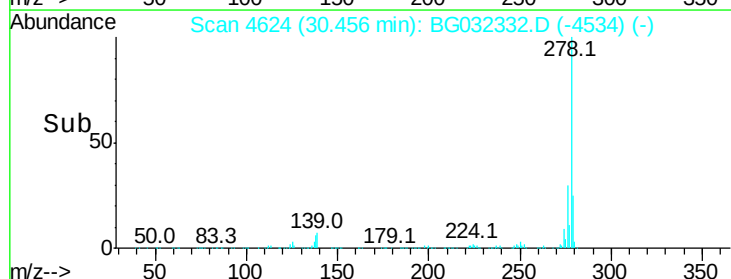
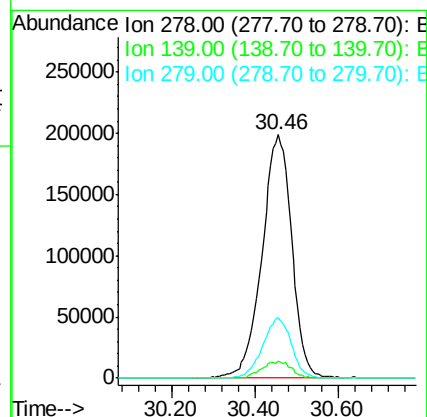
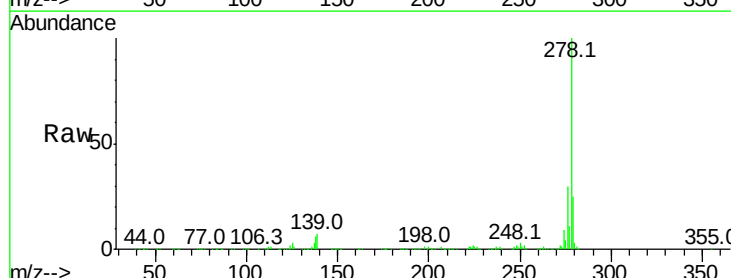
Tgt Ion:278 Resp: 985532

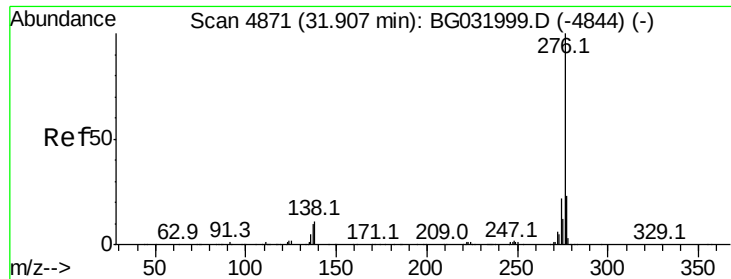
Ion Ratio Lower Upper

278 100

139 7.2 9.8 14.6#

279 25.1 18.4 27.6





#91

Benzo(a,h,i)perylene

Concen: 44.943 ng

RT: 31.72 min Scan# 4839

Delta R.T. -0.00 min

Lab File: BG032332.D

Acq: 26 Jan 2018 17:29

Instrument :

BNA_G

ClientSampleId :

PB105792BS

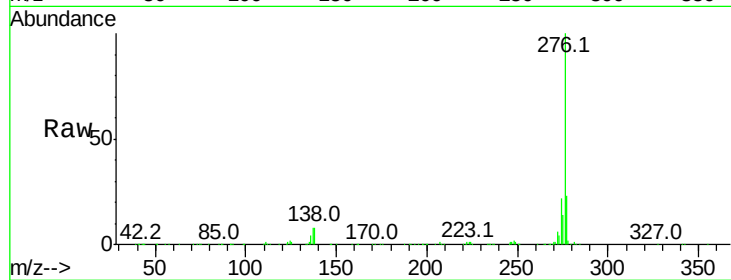
Tot Ion:276 Resp: 993810

Ion Ratio Lower Upper

276 100

277 23.0 18.3 27.5

138 8.1 13.9 20.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

