

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032955.D
 Acq On : 2 Mar 2018 21:02
 Operator : SJ/JU
 Sample : PB107009BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Quant Time: Mar 02 23:35:48 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	63200	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	285294	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	166782	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	378277	20.00	ng	0.00
75) Chrysene-d12	22.62	240	344166	20.00	ng	0.00
86) Perylene-d12	26.42	264	370365	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	6.33	112	497346	125.90	ng	0.00
7) Phenol-d6	8.02	99	658075	119.51	ng	0.00
23) Nitrobenzene-d5	10.11	82	382057	92.01	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	217199	123.86	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	834329	72.15	ng	0.00
78) Terphenyl-d14	20.78	244	1212473	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.96	88	59021	34.426	ng	93
3) Pyridine	4.42	79	163404	34.580	ng	98
4) n-Nitrosodimethylamine	4.32	42	87652	46.266	ng	# 87
6) Aniline	8.20	93	133025	17.848	ng	95
8) 2-Chlorophenol	8.46	128	175002	40.473	ng	92
9) Benzaldehyde	8.01	77	62652	19.742	ng	94
10) Phenol	8.04	94	225623	40.648	ng	93
11) bis(2-Chloroethyl)ether	8.29	93	158771	34.981	ng	96
12) 1,3-Dichlorobenzene	8.80	146	175842	34.721	ng	98
13) 1,4-Dichlorobenzene	8.95	146	176370	34.598	ng	96
14) 1,2-Dichlorobenzene	9.29	146	168724	34.539	ng	99
15) Benzyl Alcohol	9.14	79	150336	37.139	ng	93
16) 2,2'-oxybis(1-Chloropropan	9.44	45	286832	36.761	ng	99
17) 2-Methylphenol	9.34	107	151530	37.021	ng	94
18) Hexachloroethane	10.04	117	64817	37.344	ng	# 86
19) n-Nitroso-di-n-propylamine	9.73	70	132675	34.131	ng	# 95
20) 3+4-Methylphenols	9.68	107	210246	36.943	ng	96
22) Acetophenone	9.76	105	244406	33.921	ng	# 97
24) Nitrobenzene	10.16	77	185213	41.678	ng	92
25) Isophorone	10.68	82	357446	35.696	ng	# 94
26) 2-Nitrophenol	10.89	139	90443	53.909	ng	94
27) 2,4-Dimethylphenol	10.91	122	187021	42.993	ng	91
28) bis(2-Chloroethoxy)methane	11.16	93	218623	37.477	ng	96
29) 2,4-Dichlorophenol	11.42	162	161080	40.800	ng	98
30) 1,2,4-Trichlorobenzene	11.65	180	156562	33.829	ng	98
31) Naphthalene	11.85	128	518870	34.806	ng	99
32) Benzoic acid	11.02	122	114190	43.895	ng	# 84
33) 4-Chloroaniline	11.94	127	119996	18.002	ng	95
34) Hexachlorobutadiene	12.12	225	83347	32.107	ng	95
35) Caprolactam	12.69	113	67448	42.665	ng	98
36) 4-Chloro-3-methylphenol	13.00	107	195148	42.475	ng	92
37) 2-Methylnaphthalene	13.40	142	380672	35.295	ng	93
39) 1,2,4,5-Tetrachlorobenzene	13.76	216	161608	32.642	ng	# 97
40) Hexachlorocyclopentadiene	13.73	237	199099	78.908	ng	91

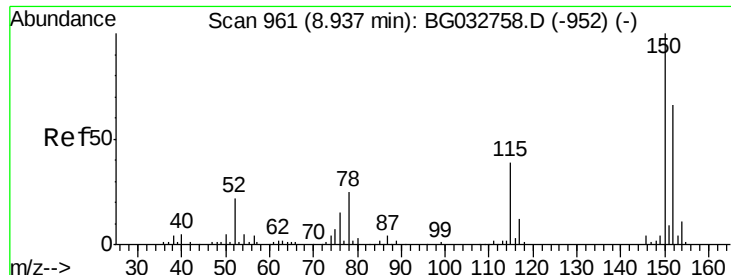
Data Path : Z:\HPCHEM1\BNA G\DATA\BG030218\
 Data File : BG032955.D
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 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	126890	40.640	nq	95
43) 2,4,5-Trichlorophenol	14.05	196	139670	38.651	nq	97
45) 1,1'-Biphenyl	14.37	154	481654	33.048	nq	96
46) 2-Chloronaphthalene	14.43	162	365809	33.601	nq	97
47) 2-Nitroaniline	14.61	65	133812	48.586	nq	90
48) Acenaphthylene	15.27	152	606489	34.026	nq	99
49) Dimethylphthalate	14.95	163	486329	34.342	nq	99
50) 2,6-Dinitrotoluene	15.08	165	107670	46.318	nq	94
51) Acenaphthene	15.59	154	412350	37.147	nq	99
52) 3-Nitroaniline	15.41	138	79198	30.563	nq #	88
53) 2,4-Dinitrophenol	15.61	184	82685	101.330	nq #	55
54) Dibenzofuran	15.92	168	566537	35.843	nq	95
55) 4-Nitrophenol	15.69	139	190476	81.948	nq #	83
56) 2,4-Dinitrotoluene	15.86	165	152853	54.029	nq	86
57) Fluorene	16.56	166	459443	35.218	nq	98
58) 2,3,4,6-Tetrachlorophenol	16.14	232	120923	43.100	nq #	86
59) Diethylphthalate	16.29	149	522523	34.983	nq	98
60) 4-Chlorophenyl-phenylether	16.54	204	228112	35.744	nq	93
61) 4-Nitroaniline	16.57	138	118515	39.689	nq	84
62) Azobenzene	16.83	77	480583	35.965	nq	96
64) 4,6-Dinitro-2-methylphenol	16.62	198	67296	56.832	nq	96
65) n-Nitrosodiphenylamine	16.75	169	427024	34.701	nq	98
66) 4-Bromophenyl-phenylether	17.43	248	136971	34.244	nq #	86
67) Hexachlorobenzene	17.56	284	140658	32.541	nq #	92
68) Atrazine	17.67	200	150679	37.199	nq	95
69) Pentachlorophenol	17.90	266	196081	72.018	nq	98
70) Phenanthrene	18.30	178	743685	35.239	nq	98
71) Anthracene	18.39	178	764823	36.098	nq	98
72) Carbazole	18.64	167	720234	34.488	nq #	97
73) Di-n-butylphthalate	19.15	149	911858	35.591	nq	99
74) Fluoranthene	20.25	202	838629	35.974	nq	95
76) Benzidine	20.41	184	233161	19.875	nq	97
77) Pyrene	20.61	202	838538	34.549	nq	97
79) Butylbenzylphthalate	21.48	149	421613	39.180	nq	92
80) Benzo(a)anthracene	22.60	228	791973	35.885	nq	99
81) 3,3'-Dichlorobenzidine	22.48	252	171424	20.972	nq #	98
82) Chrysene	22.67	228	745398	35.357	nq	98
83) Bis(2-ethylhexyl)phthalate	22.43	149	604502	37.951	nq	97
84) Di-n-octyl phthalate	23.84	149	1038644	42.779	nq	100
85) Indeno(1,2,3-cd)pyrene	30.84	276	872393	35.482	nq	97
87) Benzo(b)fluoranthene	25.20	252	800462	36.553	nq #	97
88) Benzo(k)fluoranthene	25.28	252	774227	35.574	nq #	95
89) Benzo(a)pyrene	26.25	252	774786	37.198	nq #	96
90) Dibenzo(a,h)anthracene	30.94	278	711830	33.953	nq #	92
91) Benzo(g,h,i)perylene	32.24	276	735089	35.568	nq #	91

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

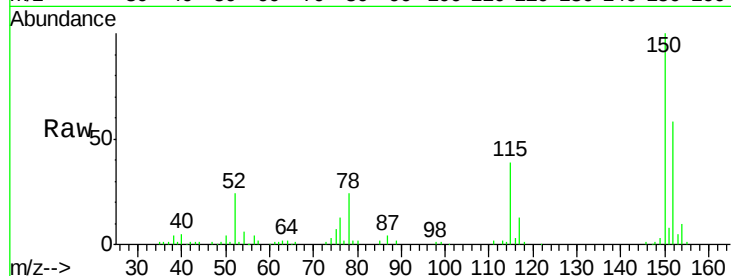


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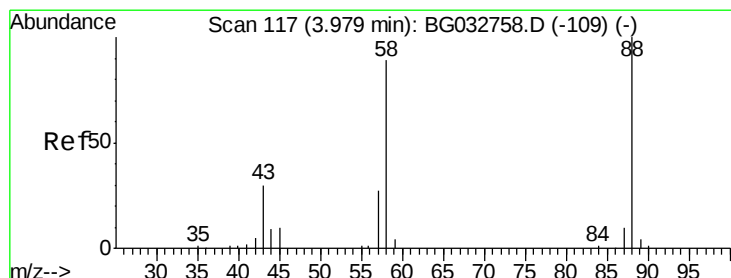
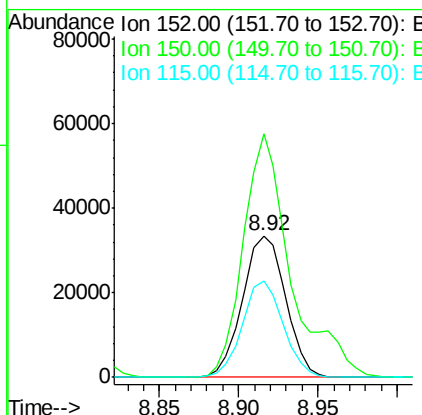
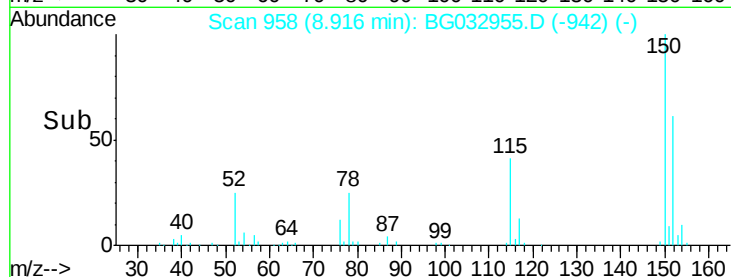
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:152 Resp: 63200
Ion Ratio Lower Upper
152 100
150 172.4 126.6 189.8
115 67.9 53.0 79.4



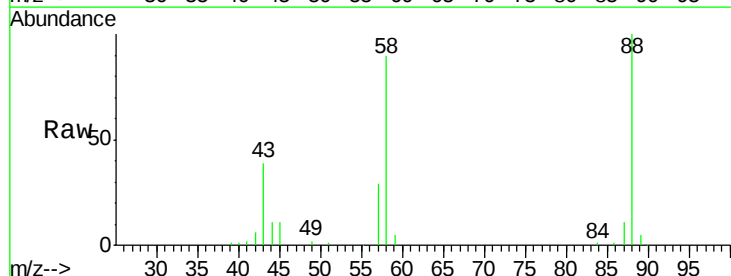
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



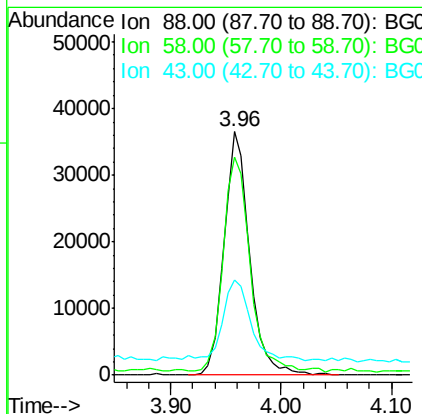
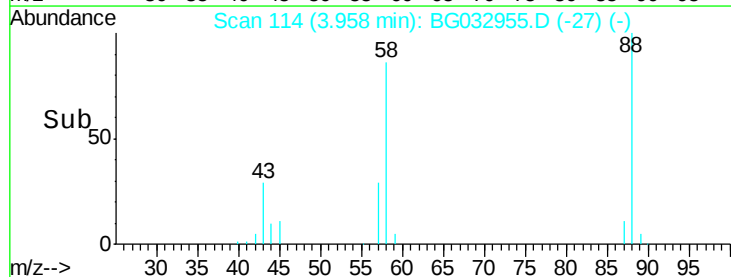
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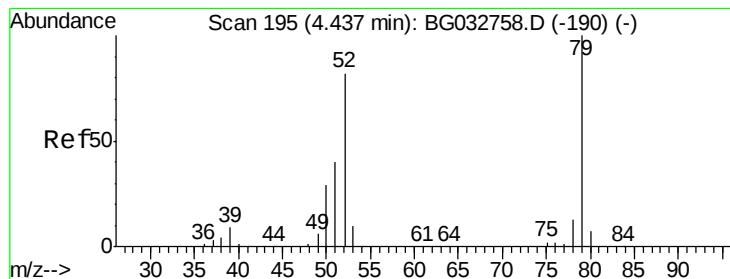
1,4-Dioxane
Concen: 34.426 ng
RT: 3.96 min Scan# 114
Delta R.T. -0.02 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion: 88 Resp: 59021
Ion Ratio Lower Upper
88 100
58 91.4 79.6 119.4
43 36.6 27.4 41.0



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





#3

Pvridine

Concen: 34.580 ng

RT: 4.42 min Scan# 193

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

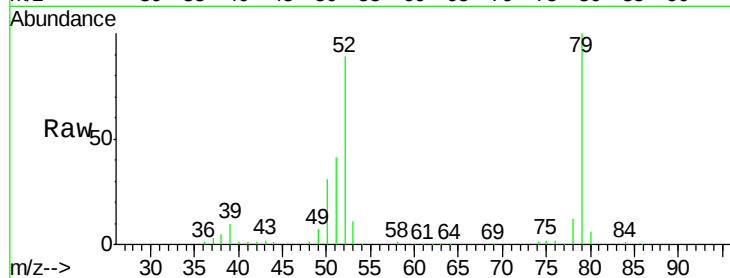
Tot Ion: 79 Resp: 163404

Ion Ratio Lower Upper

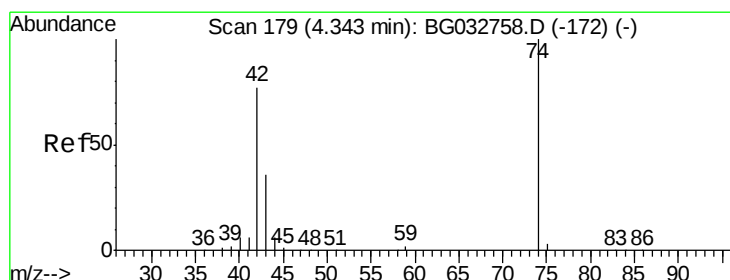
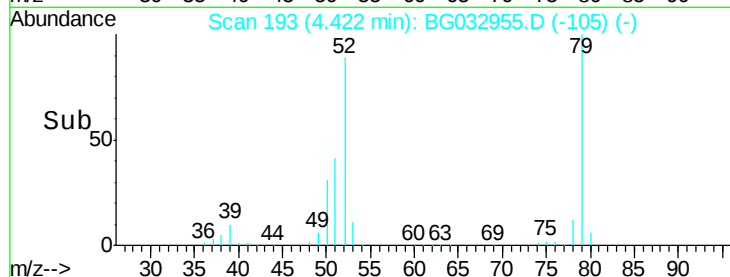
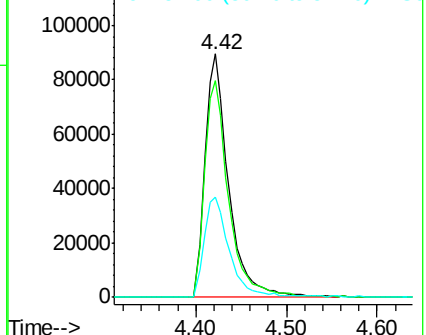
79 100

52 89.0 69.9 104.9

51 41.0 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: 46.266 ng

RT: 4.32 min Scan# 176

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

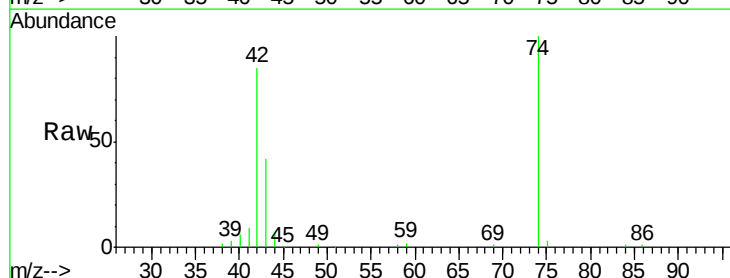
Tgt Ion: 42 Resp: 87652

Ion Ratio Lower Upper

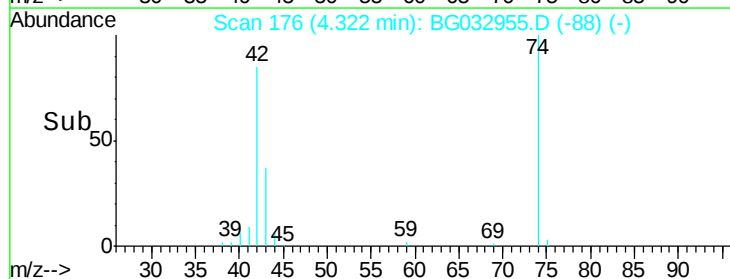
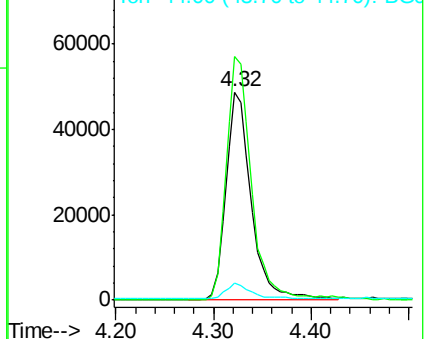
42 100

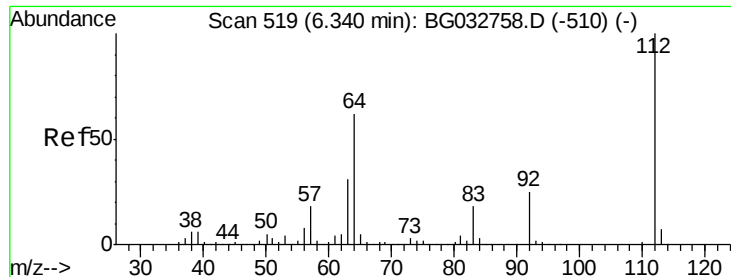
74 117.0 102.5 153.7

44 8.2 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: 125.899 ng

RT: 6.33 min Scan# 518

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

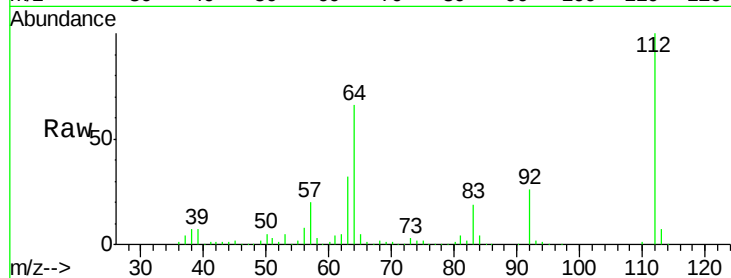
Tot Ion:112 Resp: 497346

Ion Ratio Lower Upper

112 100

64 66.3 56.3 84.5

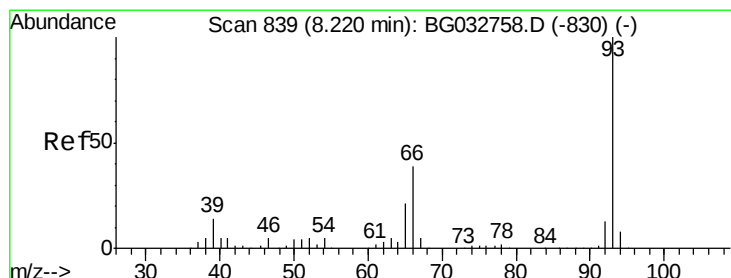
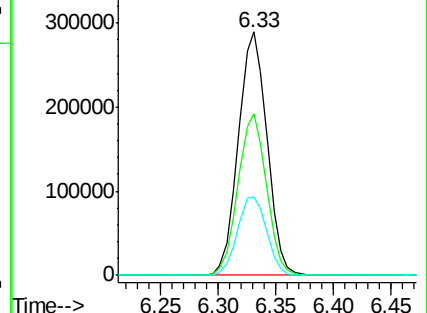
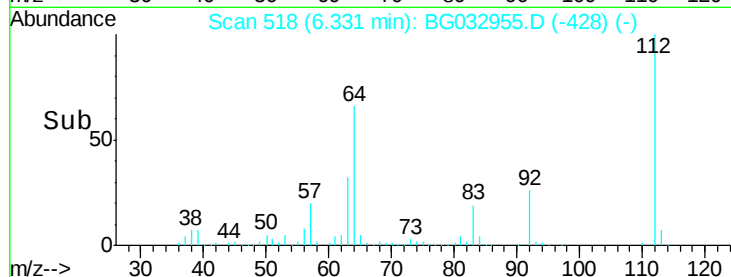
63 32.2 30.1 45.1



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: 17.848 ng

RT: 8.20 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

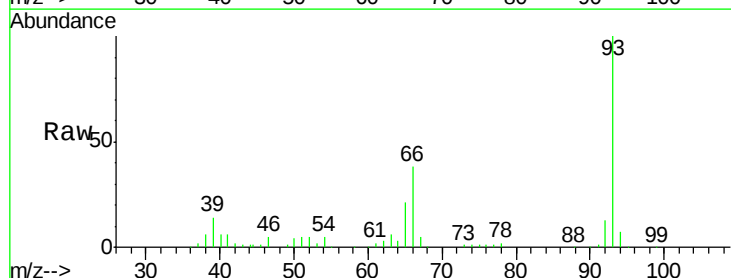
Tgt Ion: 93 Resp: 133025

Ion Ratio Lower Upper

93 100

66 38.2 33.7 50.5

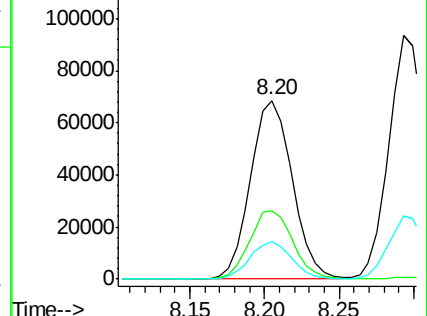
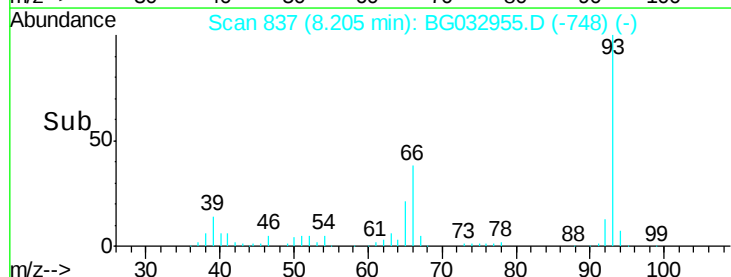
65 20.8 16.1 24.1



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: 119.514 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

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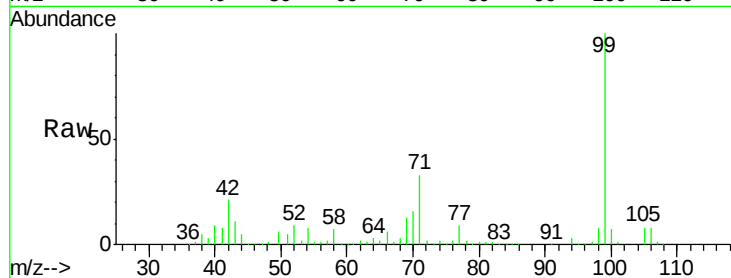
Tot Ion: 99 Resp: 658075

Ion Ratio Lower Upper

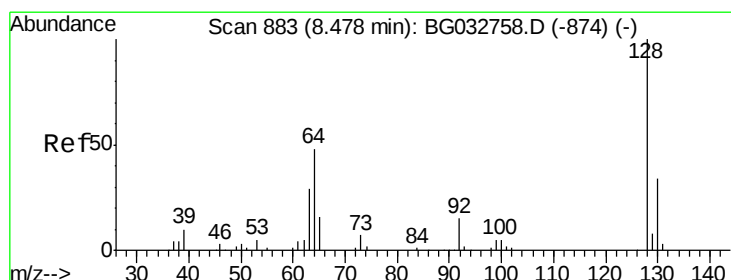
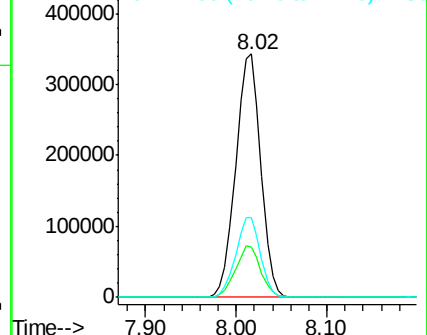
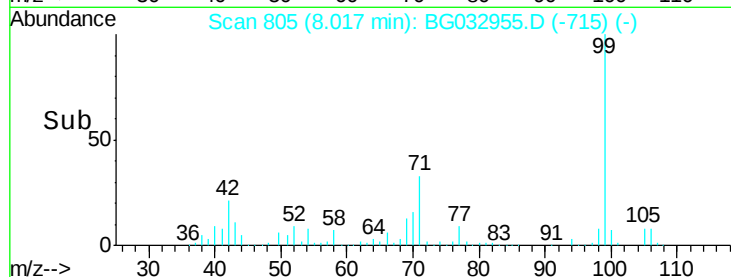
99 100

42 20.9 14.1 21.1

71 32.7 26.1 39.1



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



#8

2-Chlorophenol

Concen: 40.473 ng

RT: 8.46 min Scan# 881

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

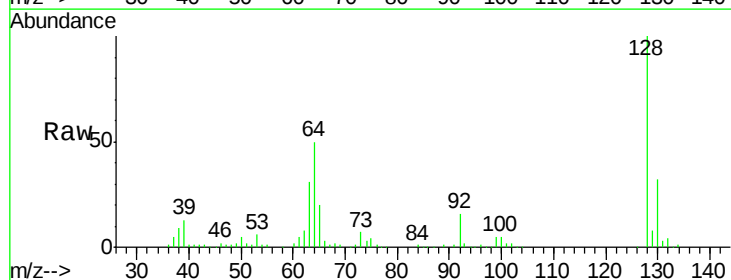
Tgt Ion:128 Resp: 175002

Ion Ratio Lower Upper

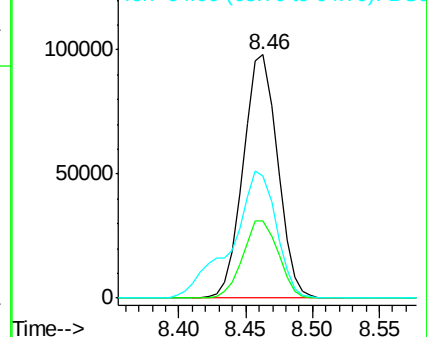
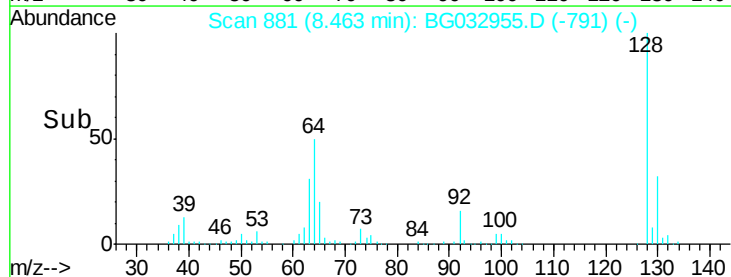
128 100

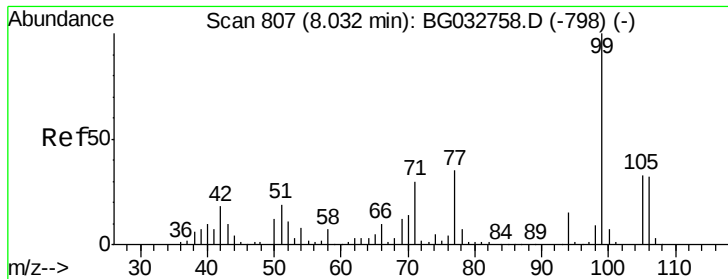
130 31.8 14.0 54.0

64 50.3 37.7 77.7



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





#9

Benzaldehyde

Concen: 19.742 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

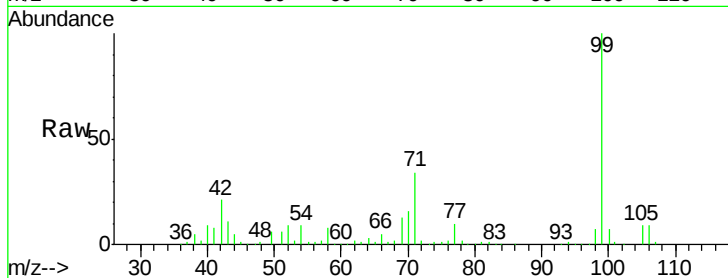
Tot Ion: 77 Resp: 62652

Ion Ratio Lower Upper

77 100

105 92.3 71.3 111.3

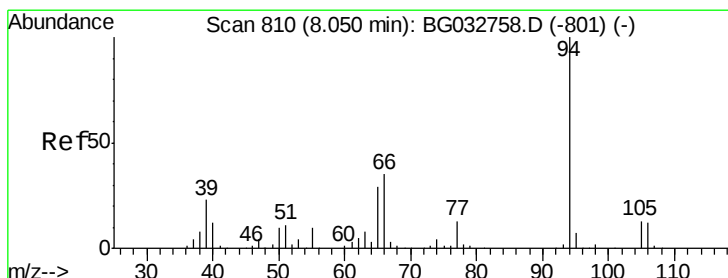
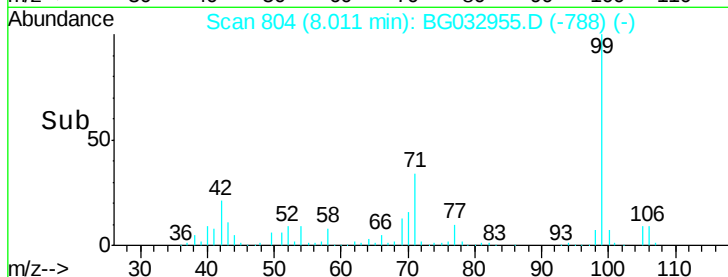
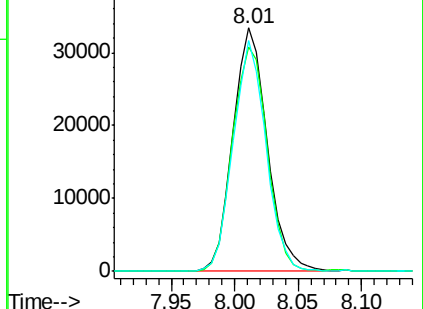
106 94.6 64.2 104.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.648 ng

RT: 8.04 min Scan# 809

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

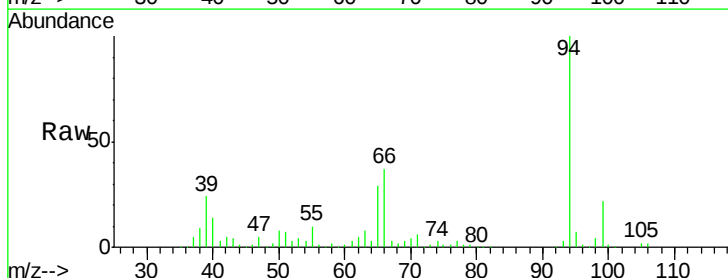
Tgt Ion: 94 Resp: 225623

Ion Ratio Lower Upper

94 100

65 29.0 11.9 51.9

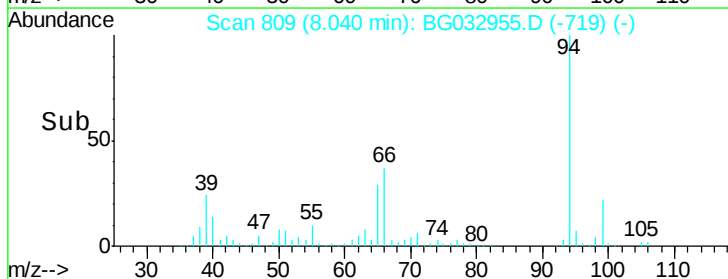
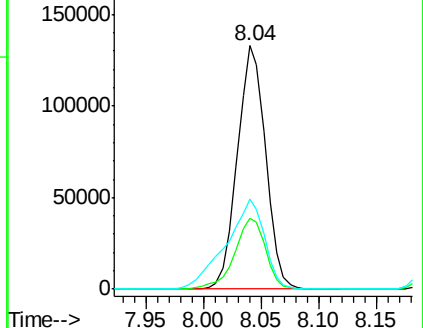
66 37.2 22.2 62.2

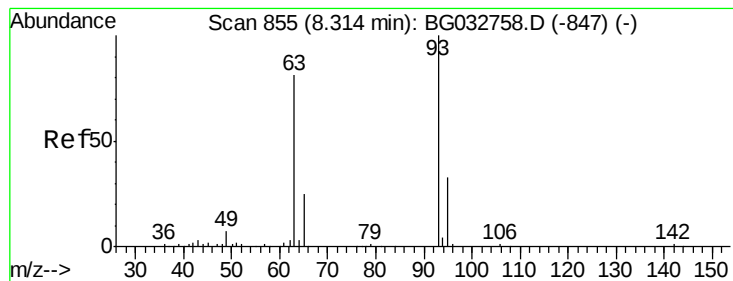


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

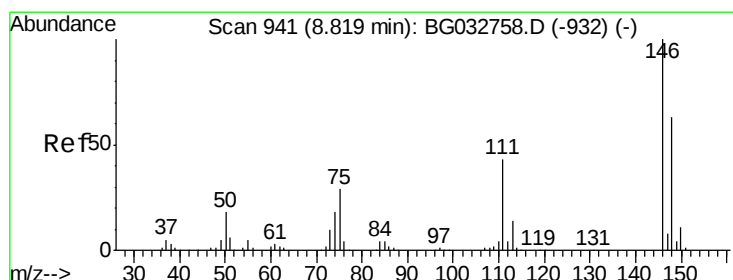
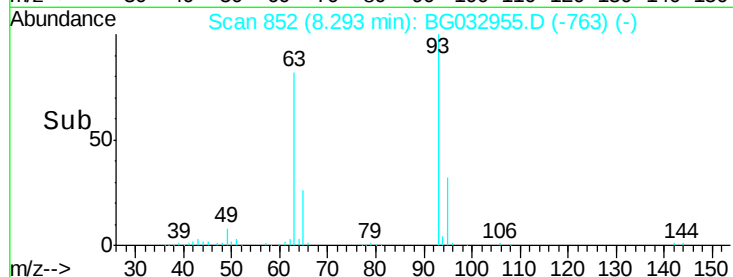
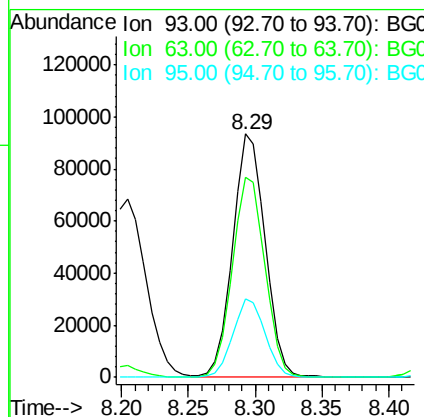
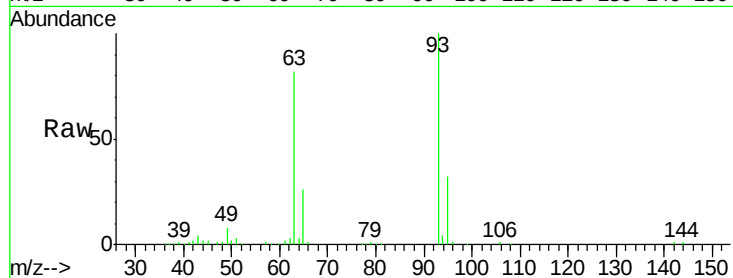




#11
bis(2-Chloroethyl)ether
Concen: 34.981 ng
RT: 8.29 min Scan# 852
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

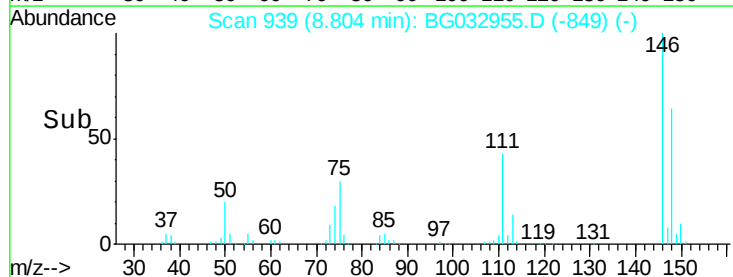
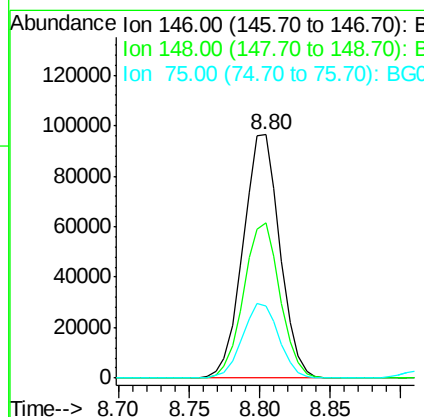
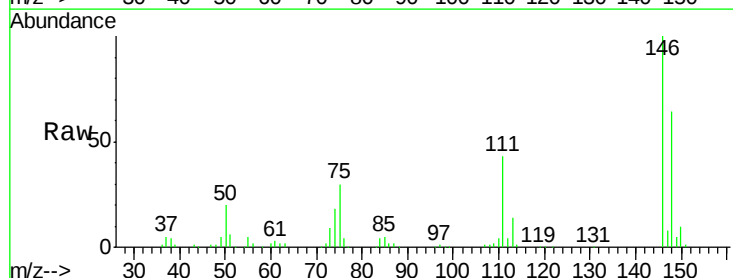
Instrument :
BNA_G
ClientSampleId :
PB107009BS

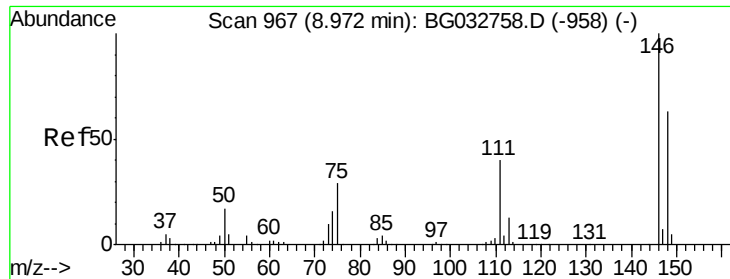
Tot Ion: 93 Resp: 158771
Ion Ratio Lower Upper
93 100
63 82.3 67.1 107.1
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 34.721 ng
RT: 8.80 min Scan# 939
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion: 146 Resp: 175842
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 29.7 26.6 39.8

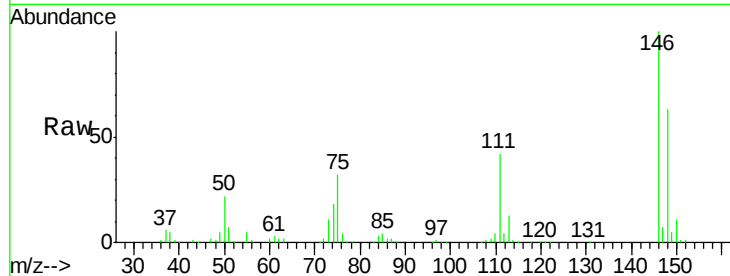




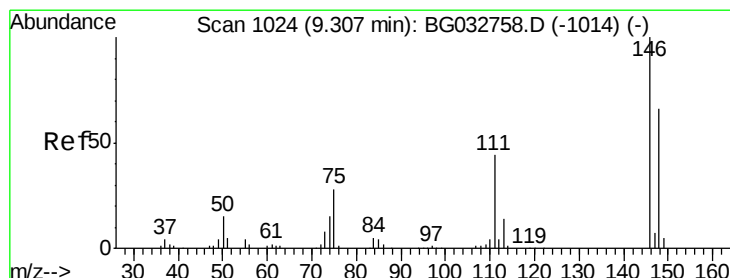
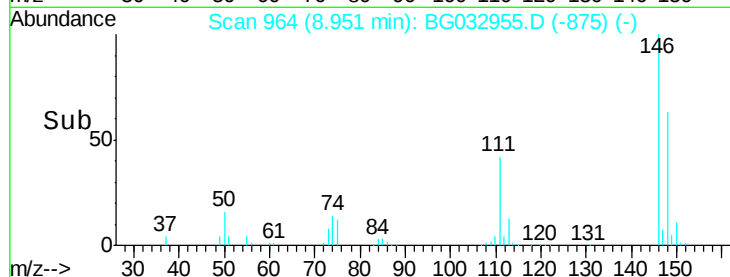
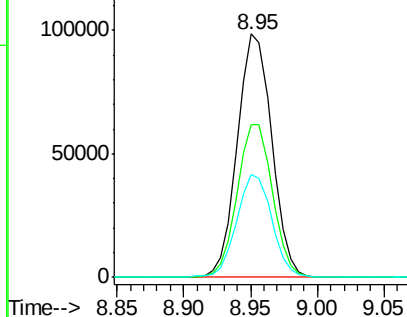
#13
 1,4-Dichlorobenzene
 Concen: 34.598 ng
 RT: 8.95 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Tot Ion:146 Resp: 176370
 Ion Ratio Lower Upper
 146 100
 148 62.8 53.7 80.5
 111 42.5 35.2 52.8

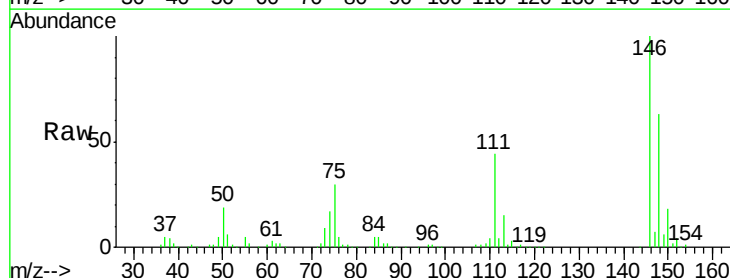


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

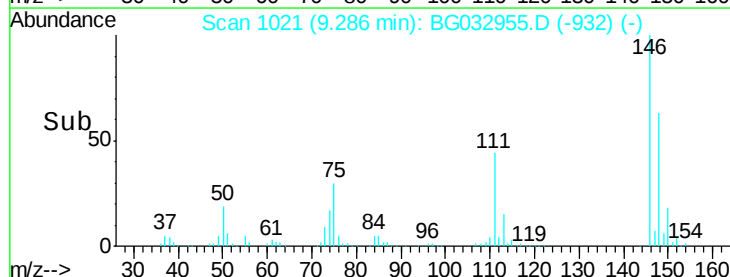
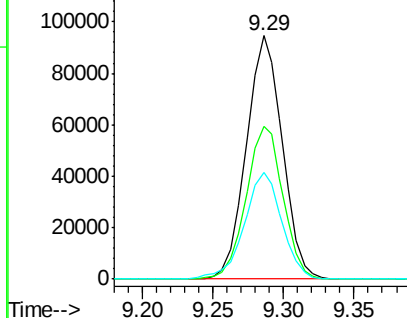


#14
 1,2-Dichlorobenzene
 Concen: 34.539 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion:146 Resp: 168724
 Ion Ratio Lower Upper
 146 100
 148 62.6 49.3 73.9
 111 44.0 34.3 51.5



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





#15

Benzyl Alcohol

Concen: 37.139 ng

RT: 9.14 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

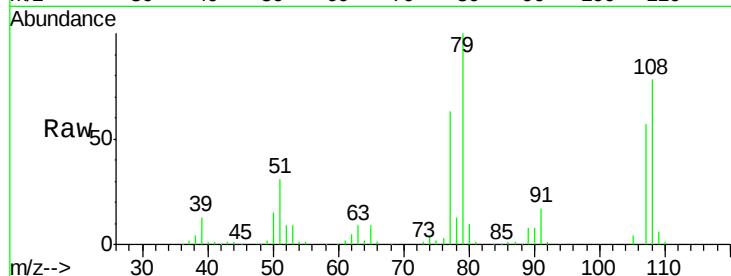
Tot Ion: 79 Resp: 150336

Ion Ratio Lower Upper

79 100

108 78.0 57.2 85.8

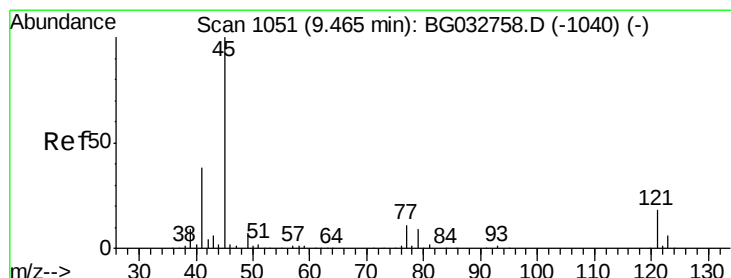
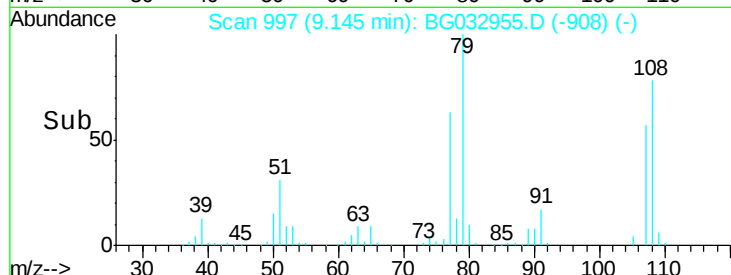
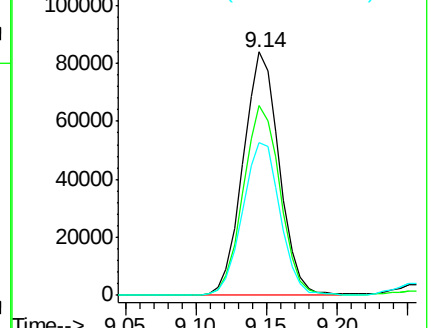
77 62.7 46.1 69.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.761 ng

RT: 9.44 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

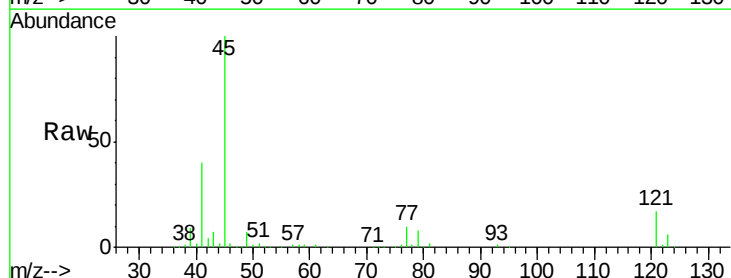
Tgt Ion: 45 Resp: 286832

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.2

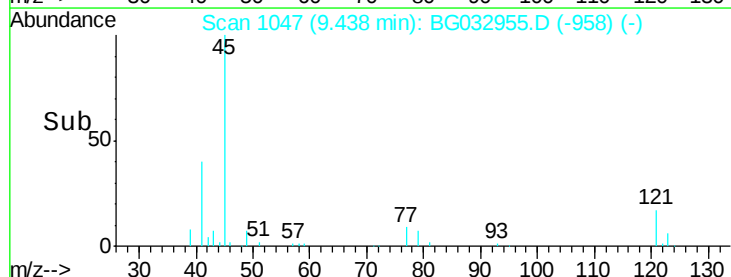
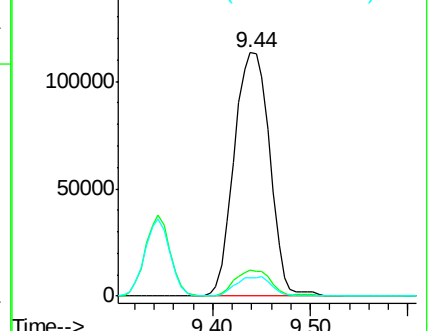
79 7.8 0.0 27.9

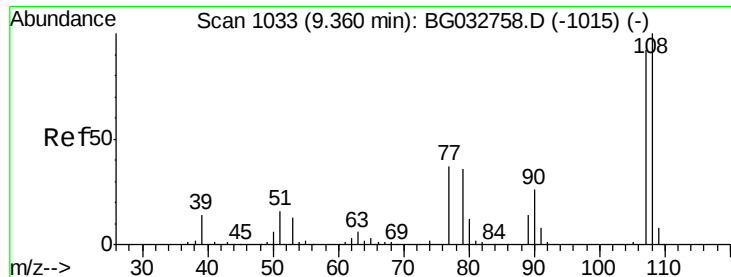


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

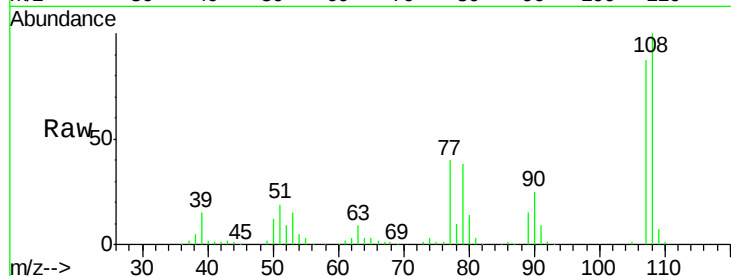




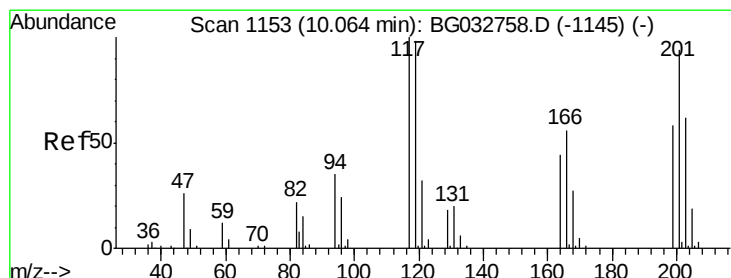
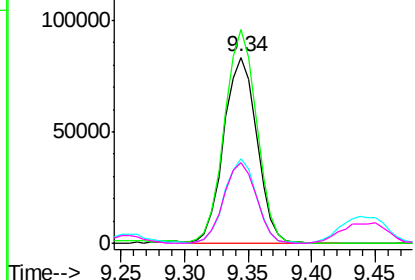
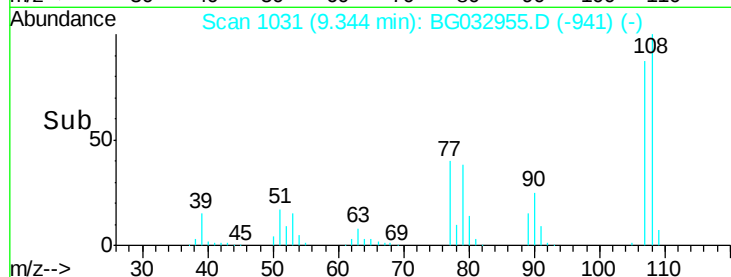
#17
2-Methylphenol
Concen: 37.021 ng
RT: 9.34 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:107 Resp: 151530
Ion Ratio Lower Upper
107 100
108 114.9 83.9 125.9
77 45.5 37.2 55.8
79 43.2 36.2 54.2

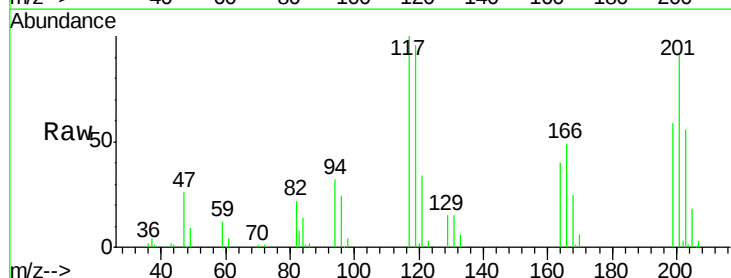


Abundance Ion 107.00 (106.70 to 107.70): E
150000
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

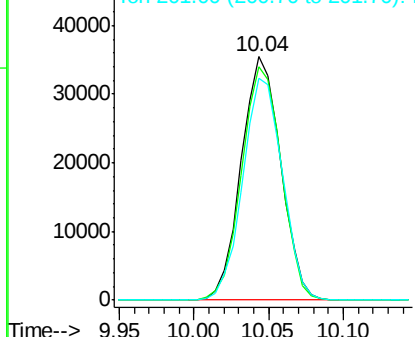
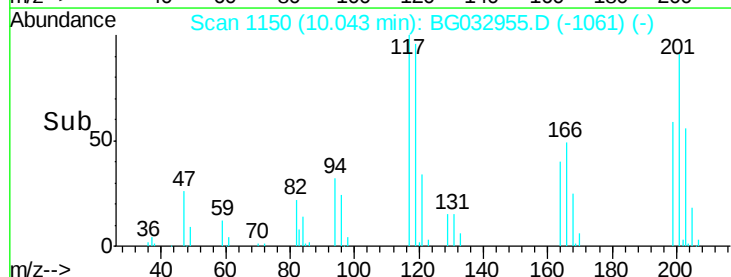


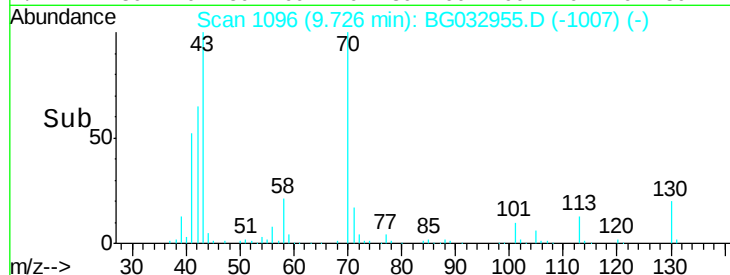
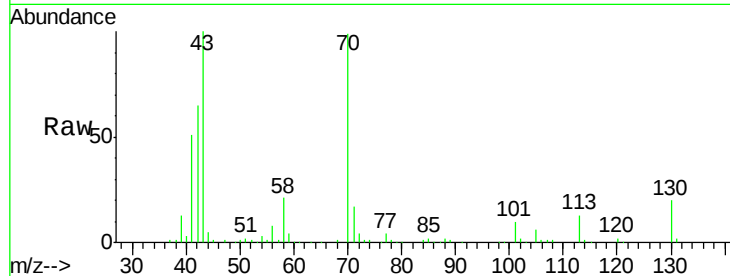
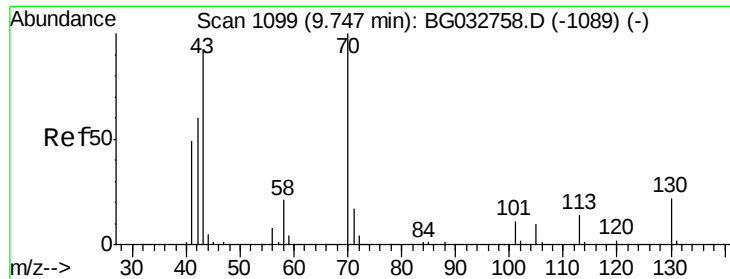
#18
Hexachloroethane
Concen: 37.344 ng
RT: 10.04 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:117 Resp: 64817
Ion Ratio Lower Upper
117 100
119 96.0 76.7 115.1
201 90.9 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

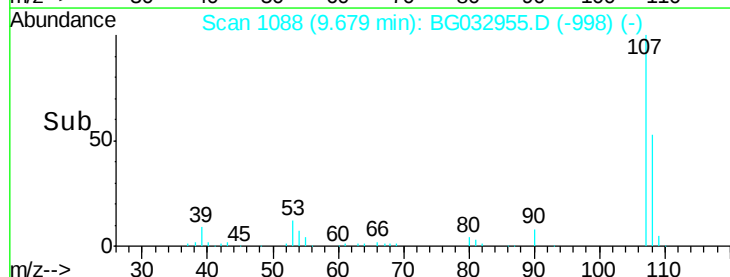
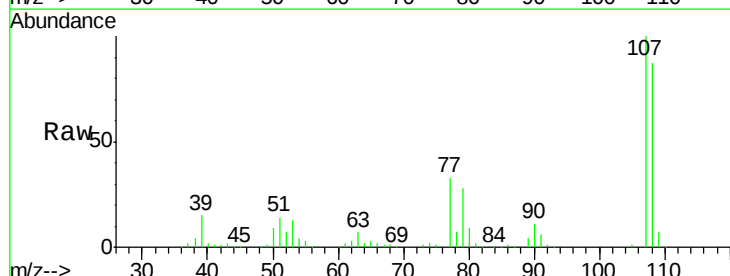
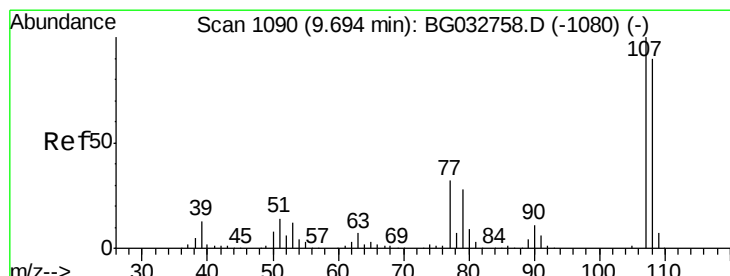
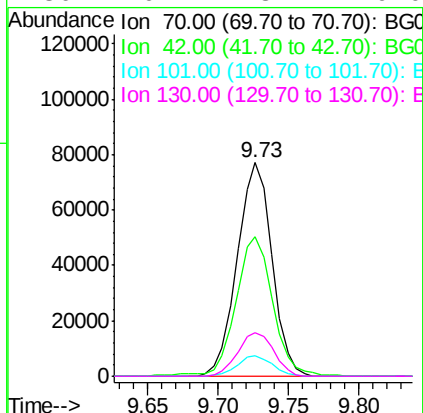




#19
n-Nitroso-di-n-propylamine
Concen: 34.131 ng
RT: 9.73 min Scan# 1096
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

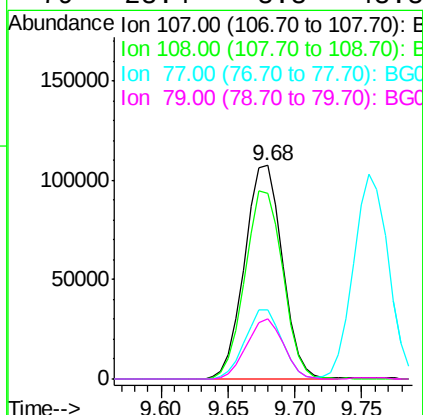
Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion: 70 Resp: 132675
Ion Ratio Lower Upper
70 100
42 65.1 49.1 73.7
101 9.8 8.5 12.7
130 20.4 13.4 20.0#



#20
3+4-Methylphenols
Concen: 36.943 ng
RT: 9.68 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion: 107 Resp: 210246
Ion Ratio Lower Upper
107 100
108 87.2 61.6 101.6
77 32.5 13.9 53.9
79 28.4 8.8 48.8

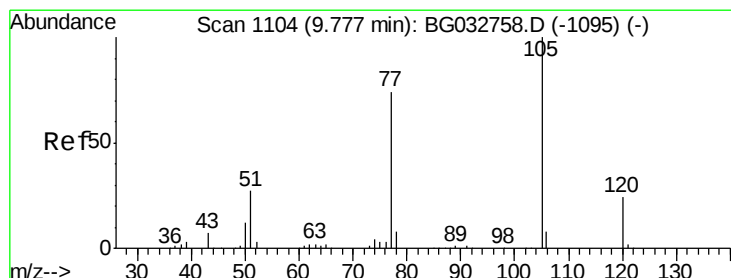
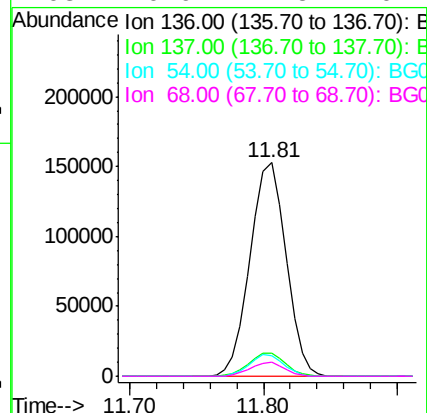
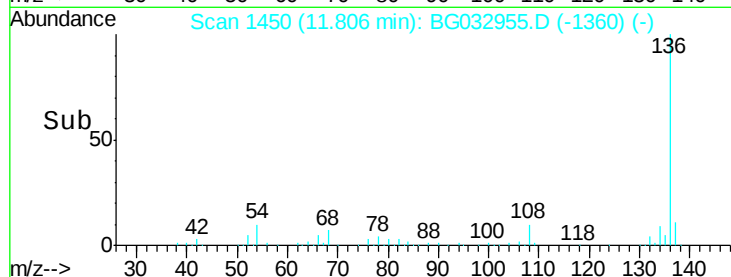
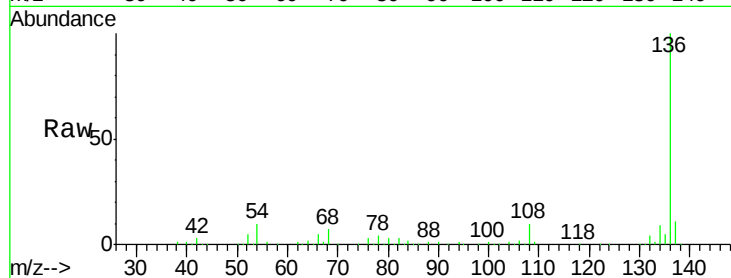




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.81 min Scan# 1450
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

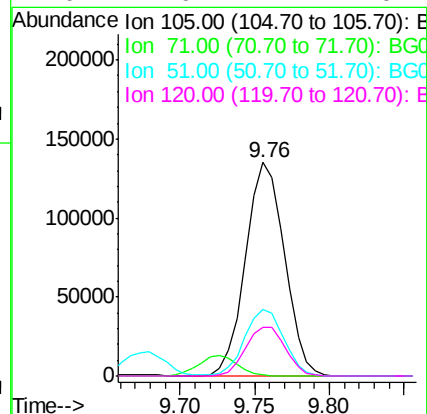
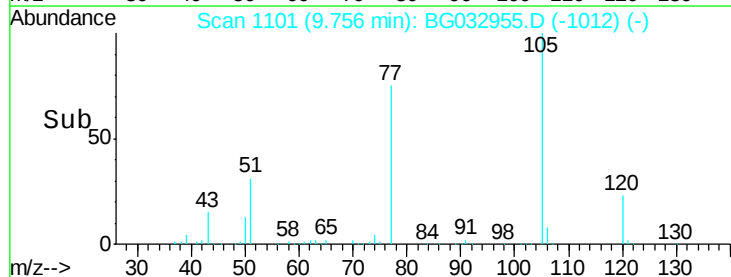
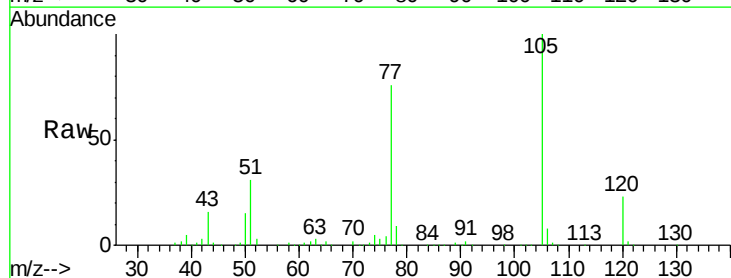
Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:136	Resp:	285294
Ion Ratio	Lower	Upper
136	100	
137	10.6	9.2 13.8
54	9.7	10.3 15.5#
68	6.9	4.5 6.7#



#22
Acetophenone
Concen: 33.921 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:105	Resp:	244406
Ion Ratio	Lower	Upper
105	100	
71	0.4	3.0 4.4#
51	31.3	26.1 39.1
120	22.9	17.4 26.2

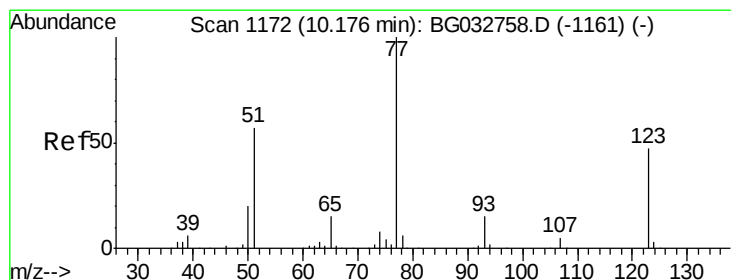
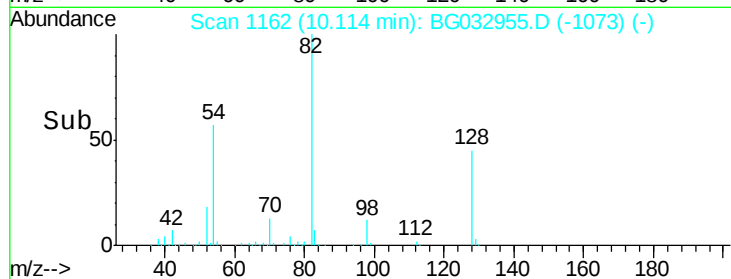
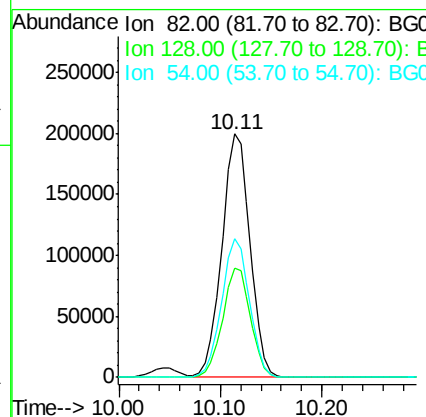
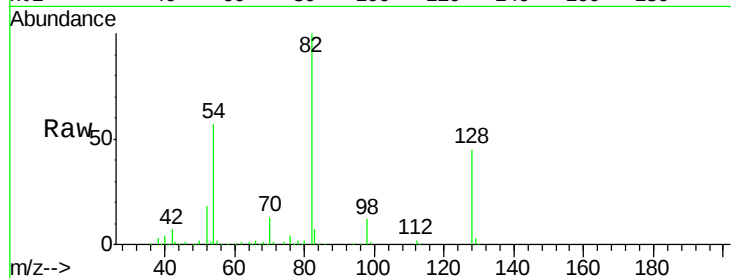




#23
Nitrobenzene-d5
Concen: 92.007 ng
RT: 10.11 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

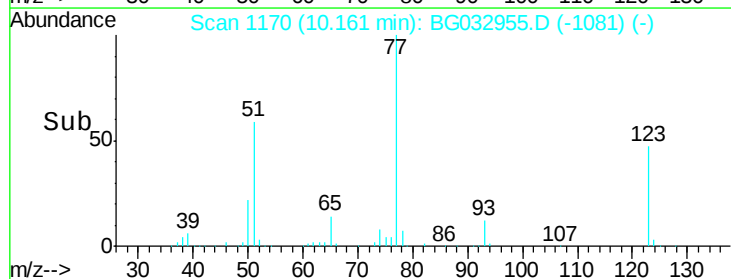
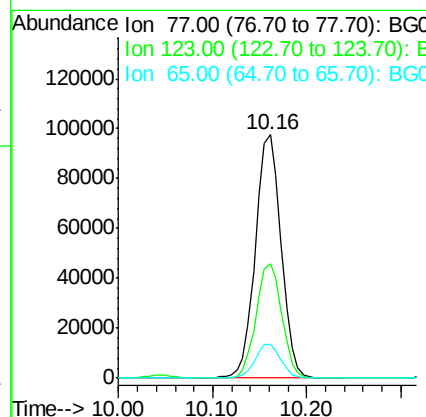
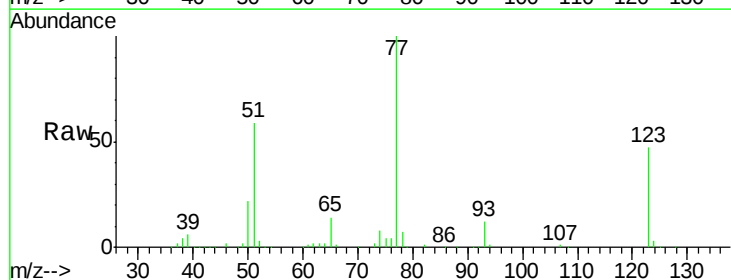
Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion	82	Resp	382057
Ion Ratio	Lower	Upper	
82	100		
128	45.1	29.7	44.5#
54	56.8	43.1	64.7



#24
Nitrobenzene
Concen: 41.678 ng
RT: 10.16 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion	77	Resp	185213
Ion Ratio	Lower	Upper	
77	100		
123	46.9	33.0	49.6
65	14.0	13.0	19.6





#25

Isophorone

Concen: 35.696 ng

RT: 10.68 min Scan# 1259

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampled :

PB107009BS

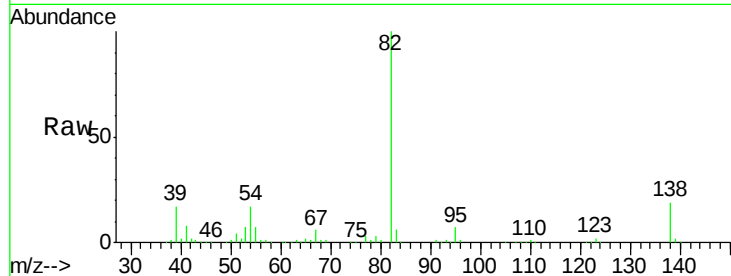
Tot Ion: 82 Resp: 357446

Ion Ratio Lower Upper

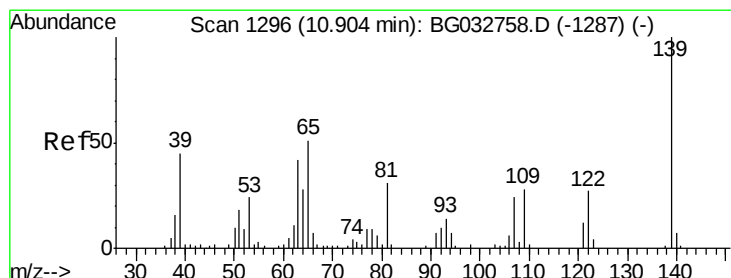
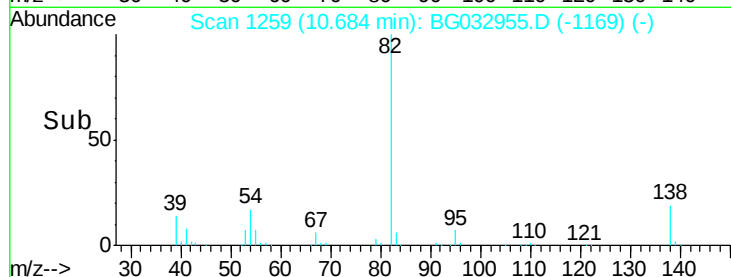
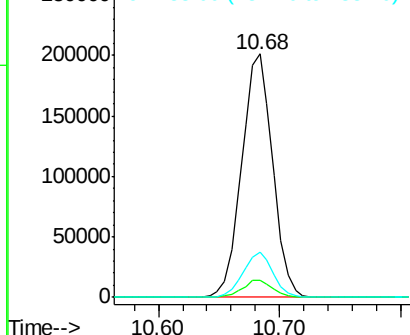
82 100

95 7.1 6.2 9.2

138 18.6 12.1 18.1#



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



#26

2-Nitrophenol

Concen: 53.909 ng

RT: 10.89 min Scan# 1294

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

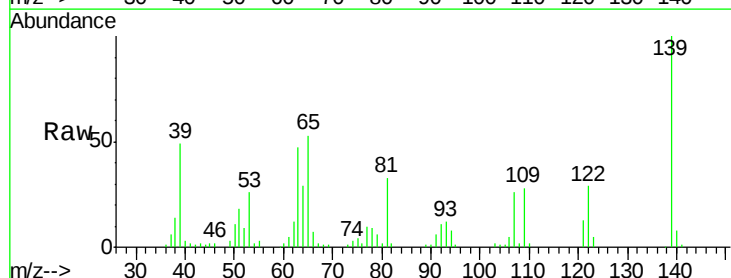
Tgt Ion: 139 Resp: 90443

Ion Ratio Lower Upper

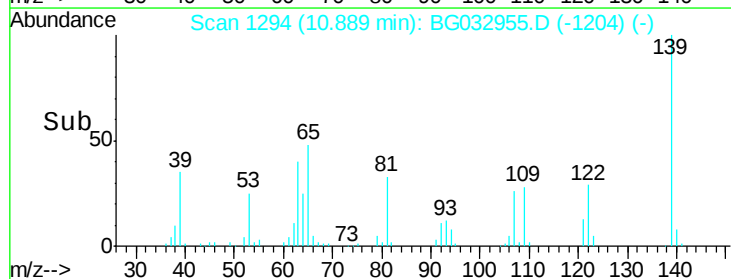
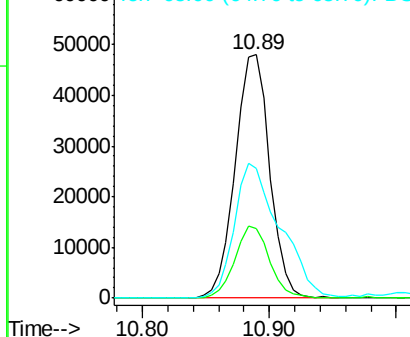
139 100

109 28.4 24.2 36.2

65 53.5 47.4 71.0



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

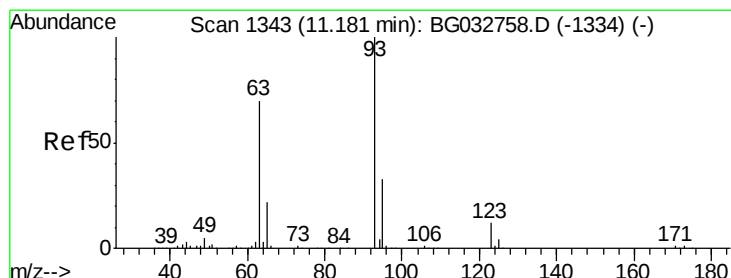
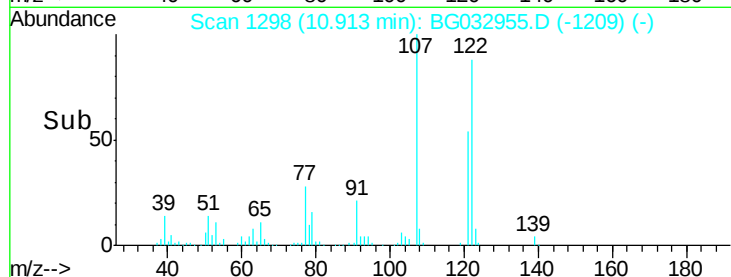
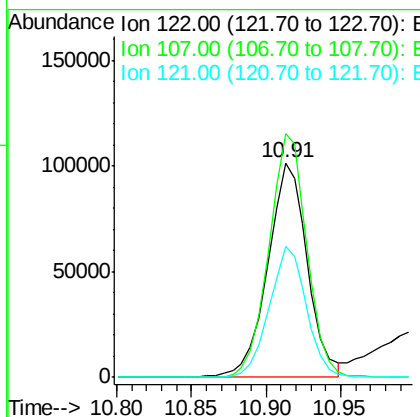
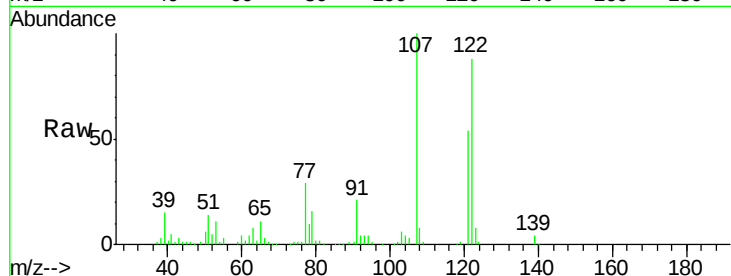




#27
2,4-Dimethylphenol
Concen: 42.993 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

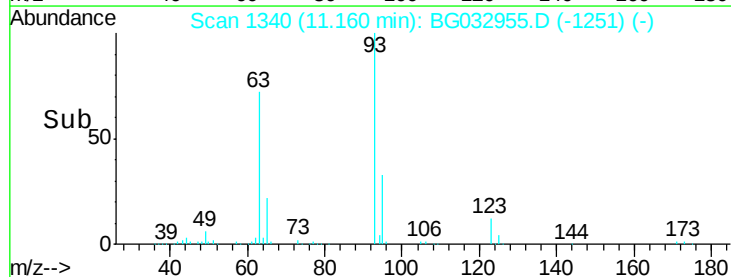
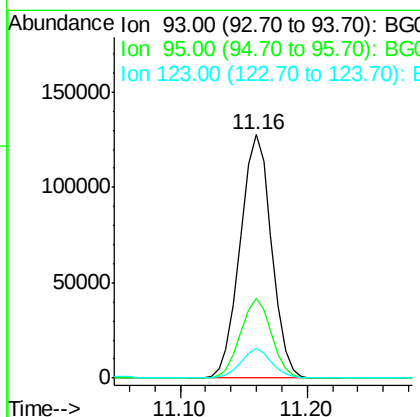
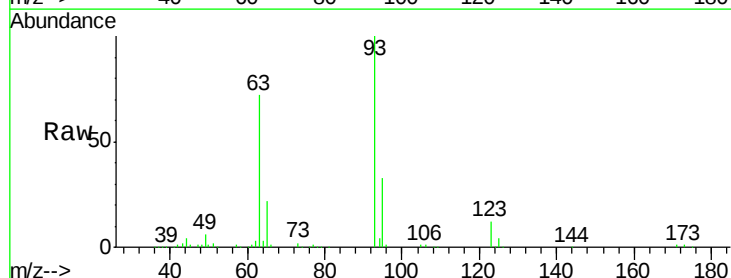
Instrument :
BNA_G
ClientSampleId :
PB107009BS

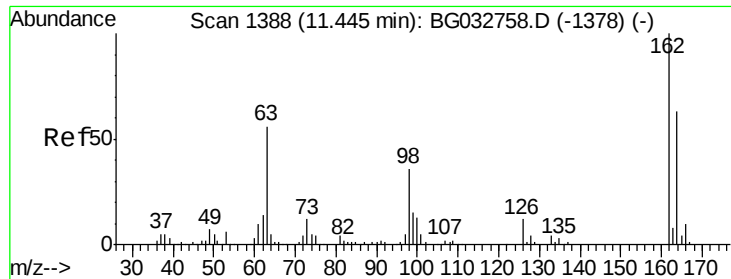
Tot Ion:122 Resp: 187021
Ion Ratio Lower Upper
122 100
107 113.7 100.2 150.2
121 61.4 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.477 ng
RT: 11.16 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion: 93 Resp: 218623
Ion Ratio Lower Upper
93 100
95 32.7 24.3 36.5
123 12.3 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 40.800 ng

RT: 11.42 min Scan# 1385

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

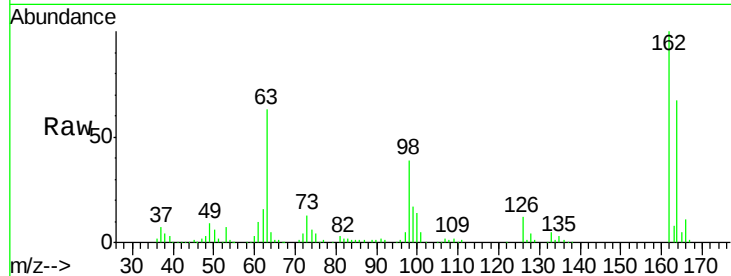
Tot Ion:162 Resp: 161080

Ion Ratio Lower Upper

162 100

164 66.9 48.0 88.0

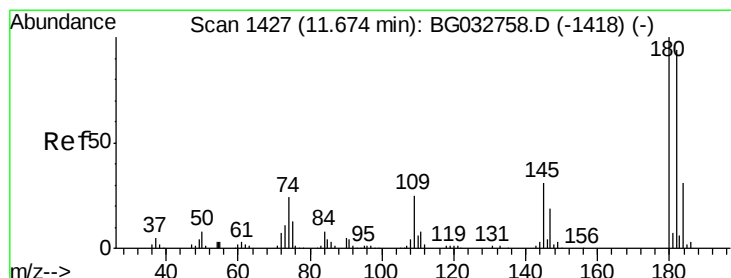
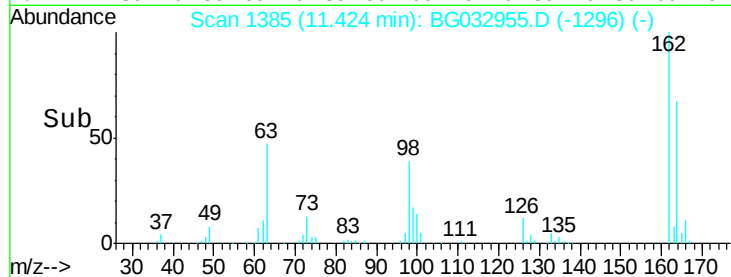
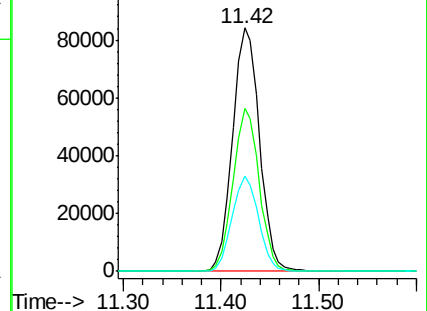
98 39.2 21.1 61.1



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: 33.829 ng

RT: 11.65 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

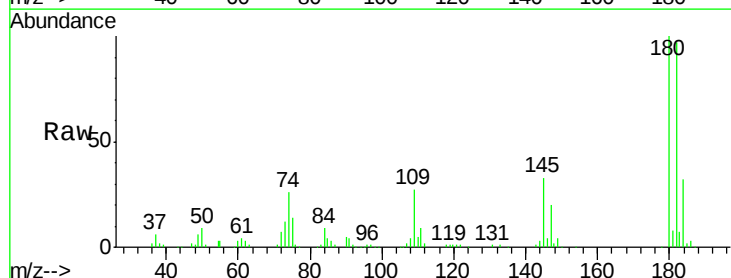
Tgt Ion:180 Resp: 156562

Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

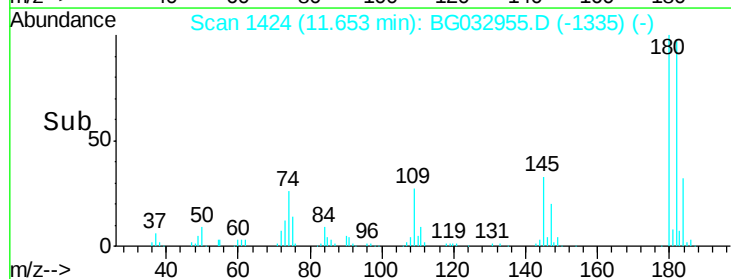
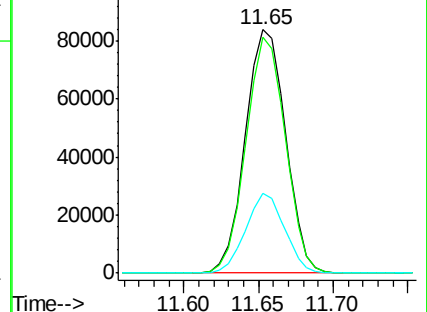
145 32.8 23.4 35.2

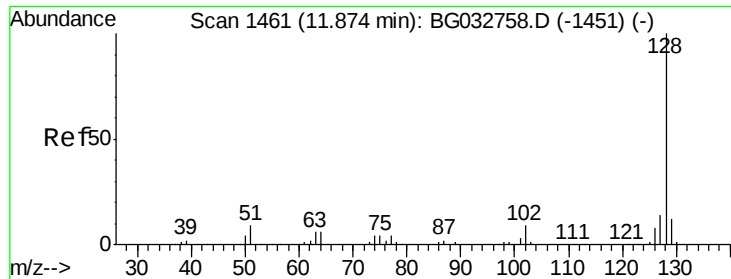


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

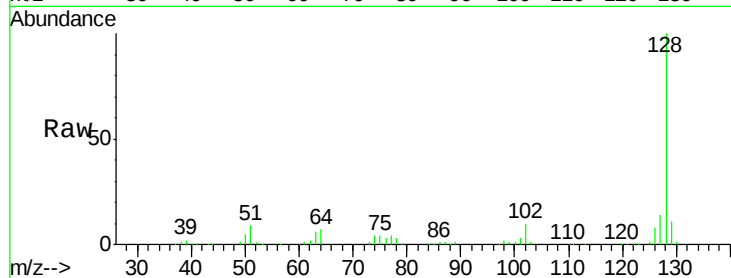




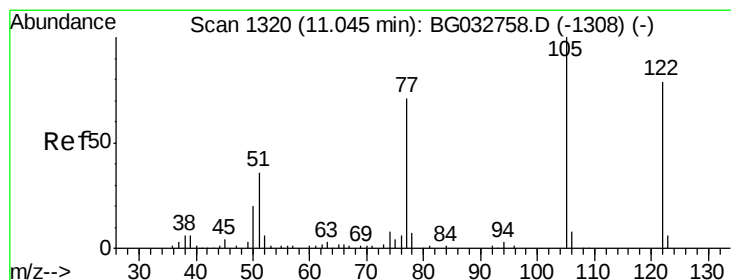
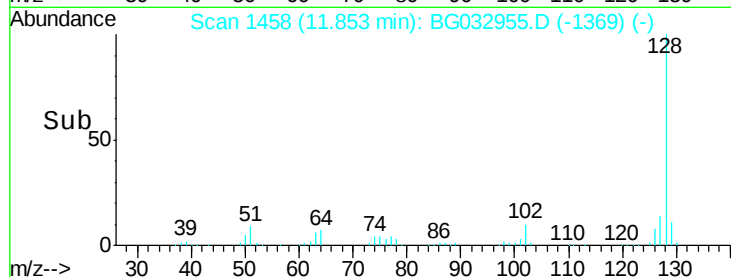
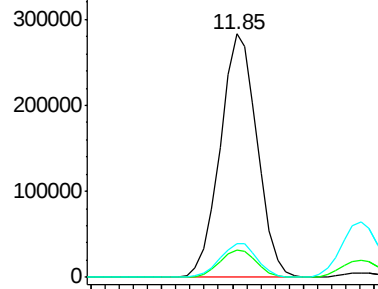
#31
Naphthalene
Concen: 34.806 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:128 Resp: 518870
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 14.1 11.6 17.4

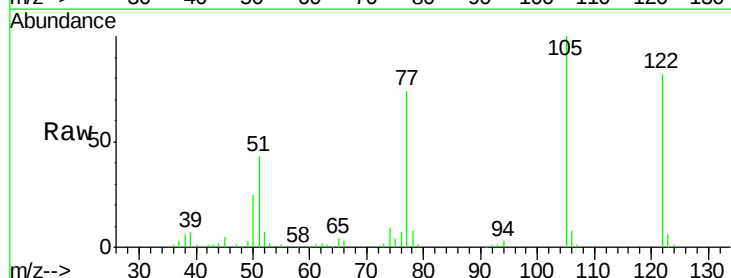


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

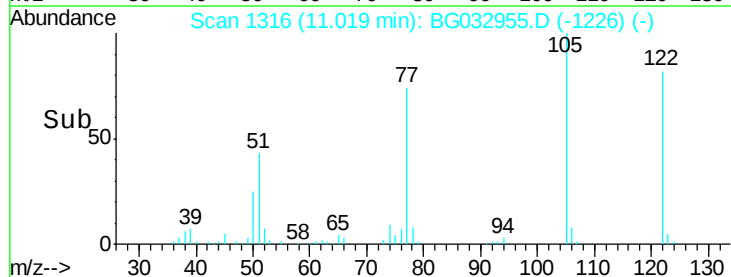
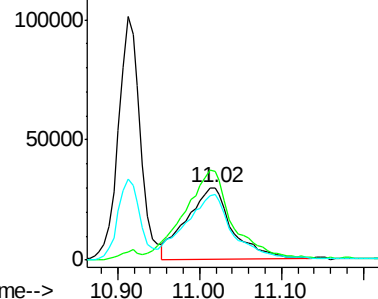


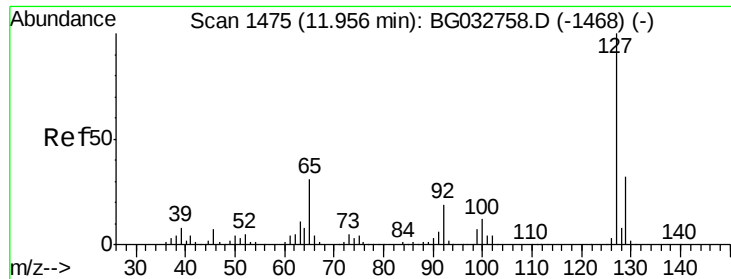
#32
Benzoic acid
Concen: 43.895 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:122 Resp: 114190
Ion Ratio Lower Upper
122 100
105 121.7 123.5 163.5#
77 90.3 85.7 125.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

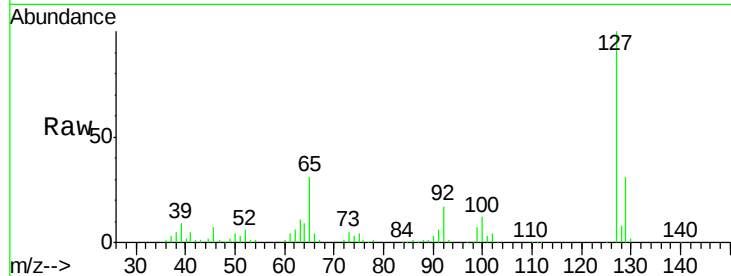




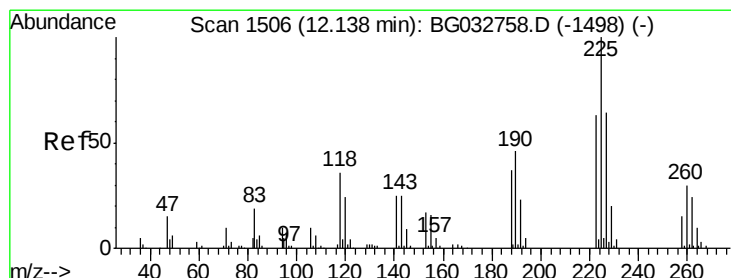
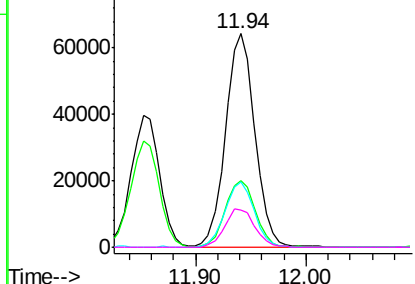
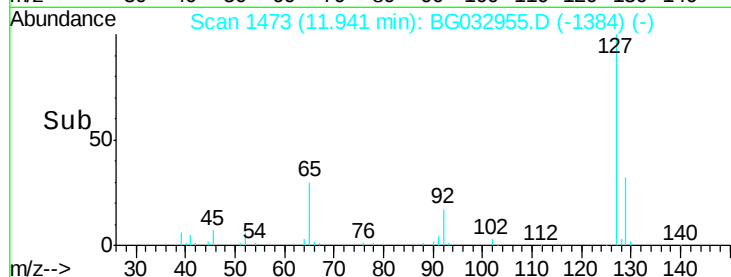
#33
4-Chloroaniline
Concen: 18.002 ng
RT: 11.94 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:	127	Resp:	119996
Ion	Ratio	Lower	Upper
127	100		
129	31.2	24.0	36.0
65	30.7	27.0	40.4
92	17.4	16.6	25.0

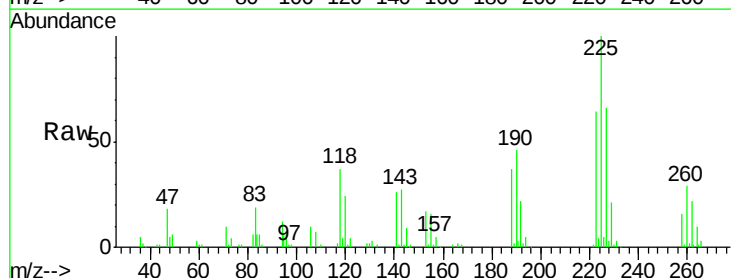


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

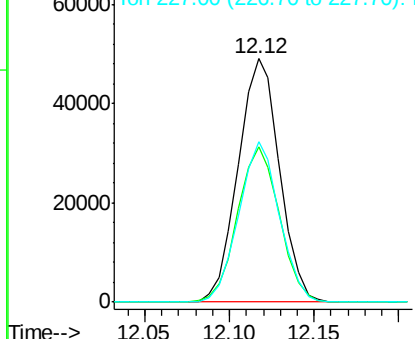
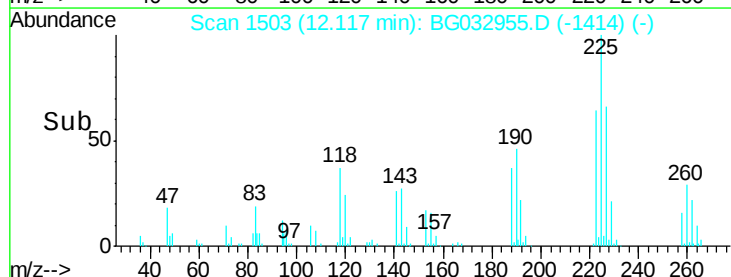


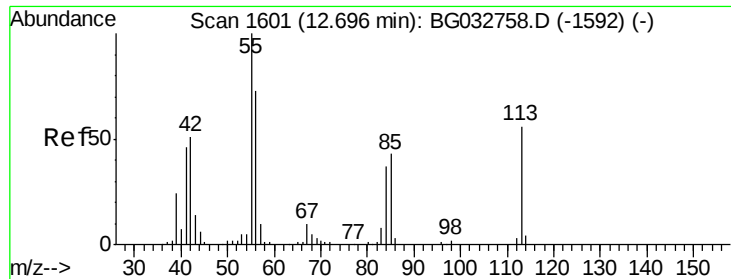
#34
Hexachlorobutadiene
Concen: 32.107 ng
RT: 12.12 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:	225	Resp:	83347
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.7	74.5
227	65.9	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: 42.665 ng

RT: 12.69 min Scan# 1600

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

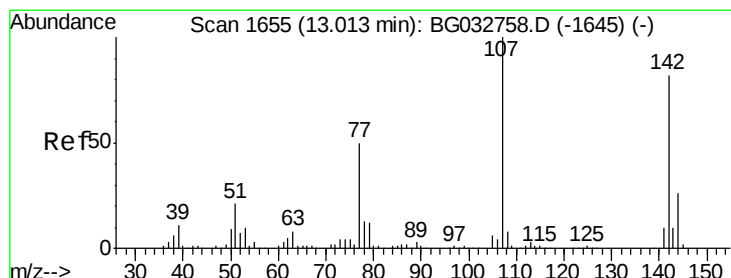
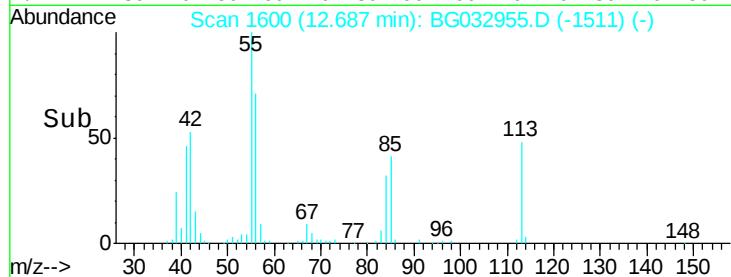
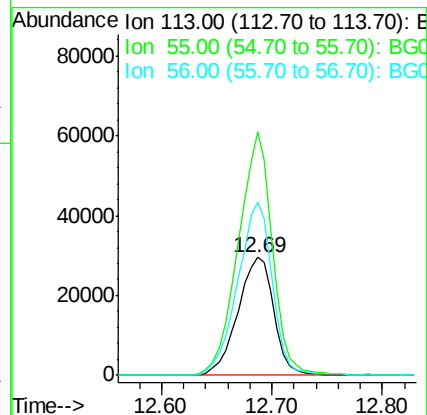
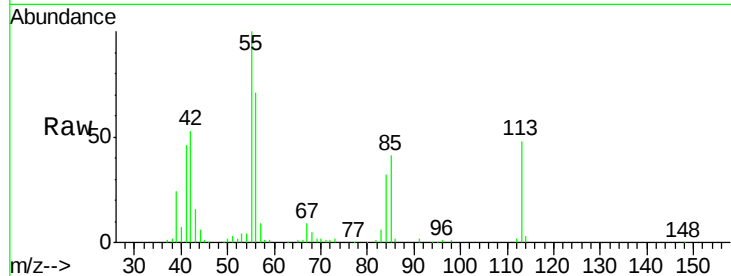
Tot Ion:113 Resp: 67448

Ion Ratio Lower Upper

113 100

55 206.5 186.9 226.9

56 146.6 130.9 170.9



#36

4-Chloro-3-methylphenol

Concen: 42.475 ng

RT: 13.00 min Scan# 1653

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

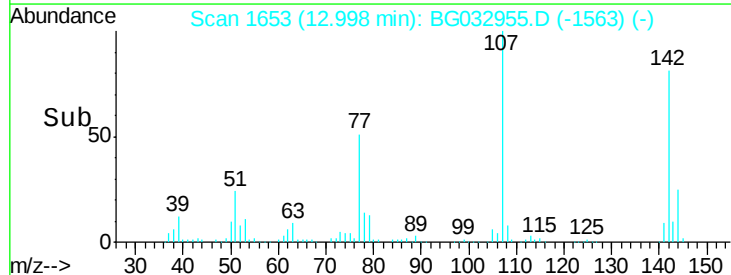
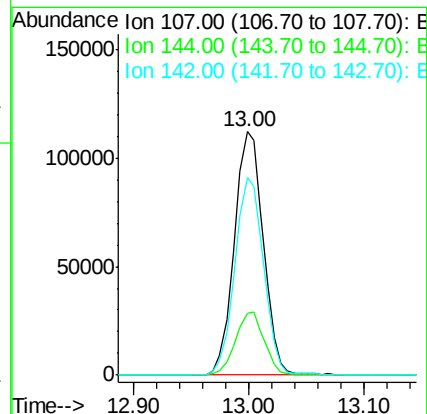
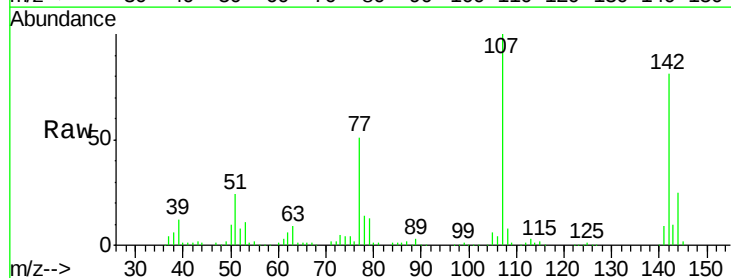
Tgt Ion:107 Resp: 195148

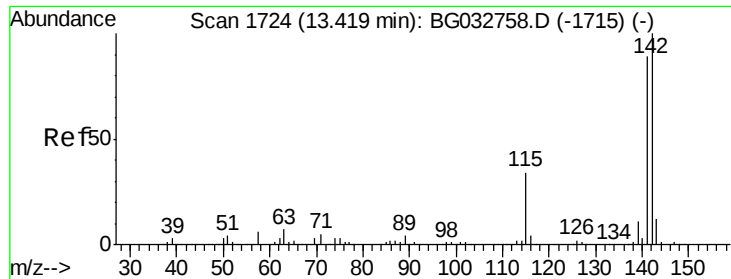
Ion Ratio Lower Upper

107 100

144 25.3 18.2 27.4

142 81.2 59.0 88.4

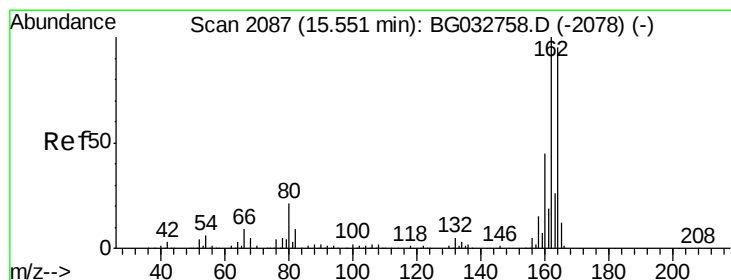
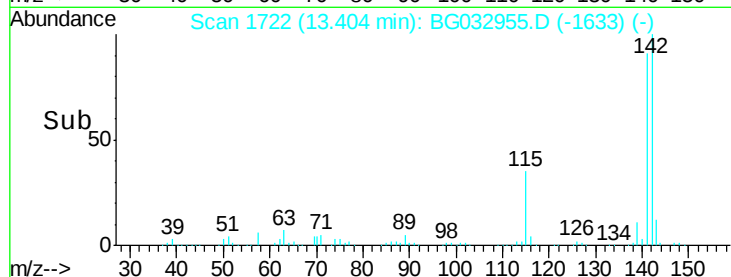
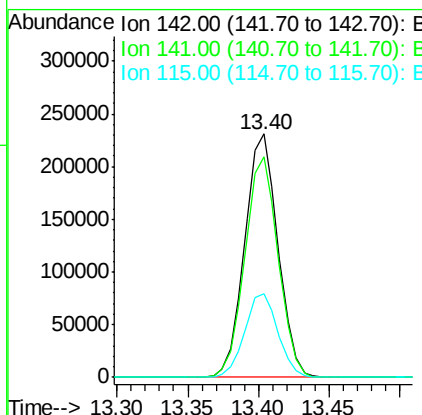
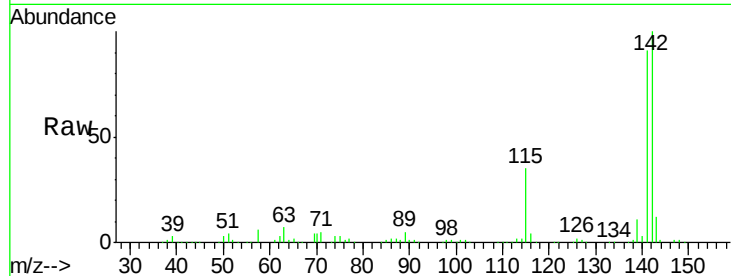




#37
2-Methylnaphthalene
Concen: 35.295 ng
RT: 13.40 min Scan# 1722
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

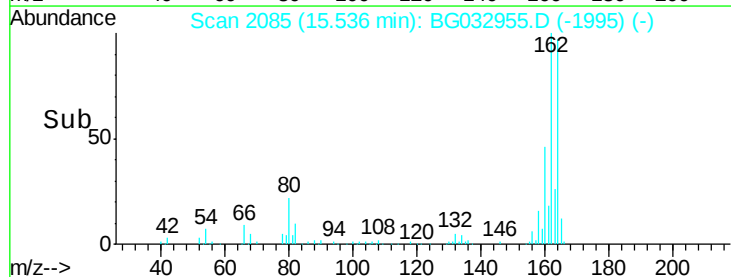
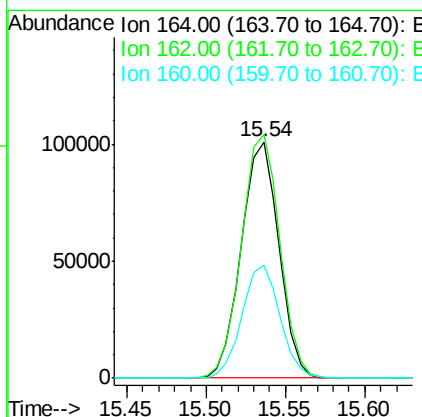
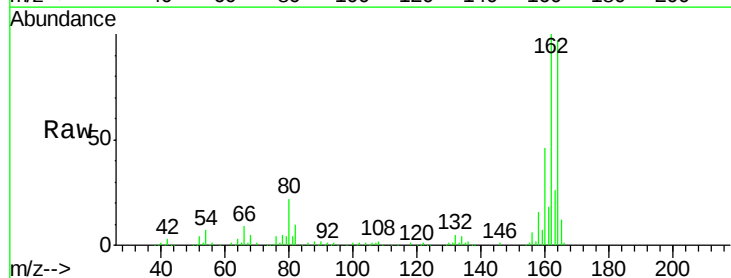
Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:142 Resp: 380672
Ion Ratio Lower Upper
142 100
141 90.7 67.1 100.7
115 34.5 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:164 Resp: 166782
Ion Ratio Lower Upper
164 100
162 103.0 78.8 118.2
160 47.8 35.4 53.0





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.642 ng

RT: 13.76 min Scan# 1782

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampled :

PB107009BS

Tot Ion:216 Resp: 161608

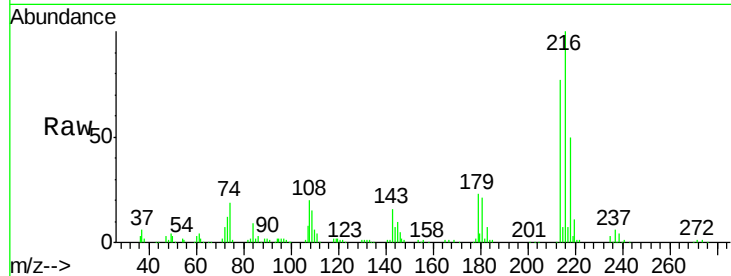
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.4

179 23.0 17.0 25.6

108 23.7 12.8 19.2#

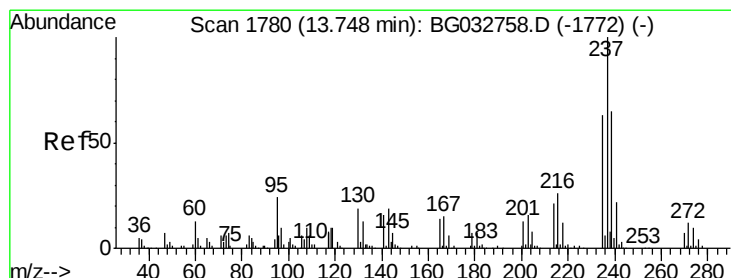
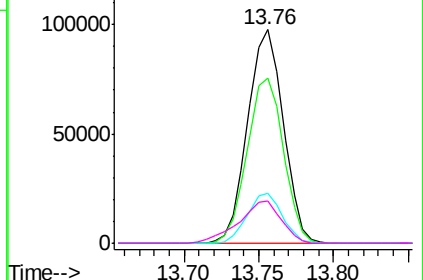
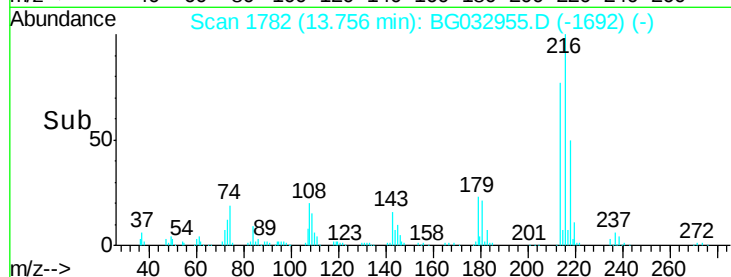


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 78.908 ng

RT: 13.73 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

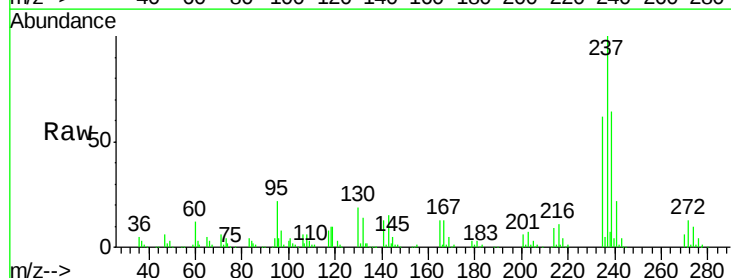
Tgt Ion:237 Resp: 199099

Ion Ratio Lower Upper

237 100

235 62.1 50.4 90.4

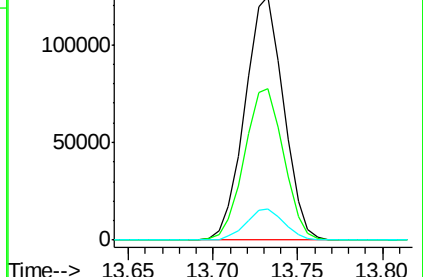
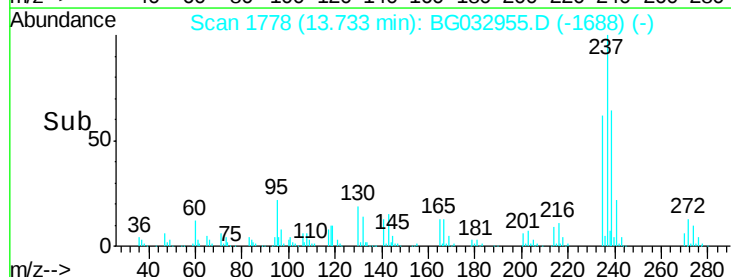
272 12.7 0.0 31.8

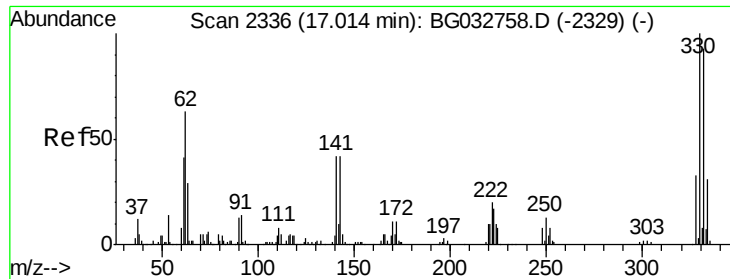


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

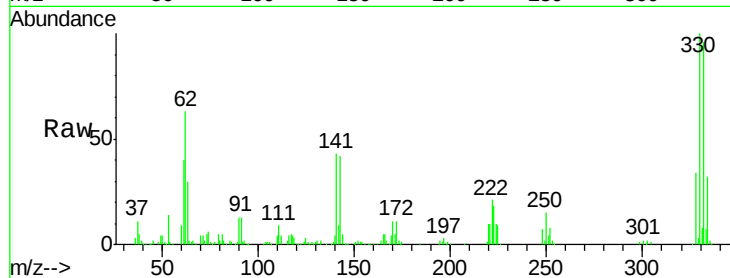




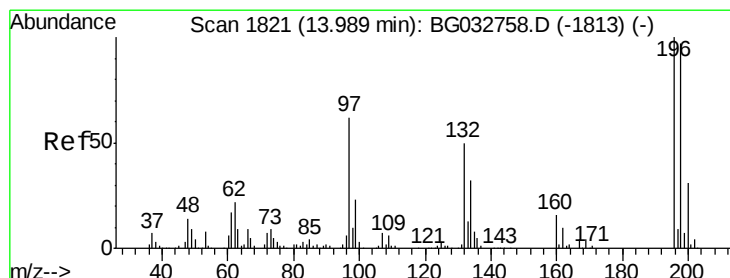
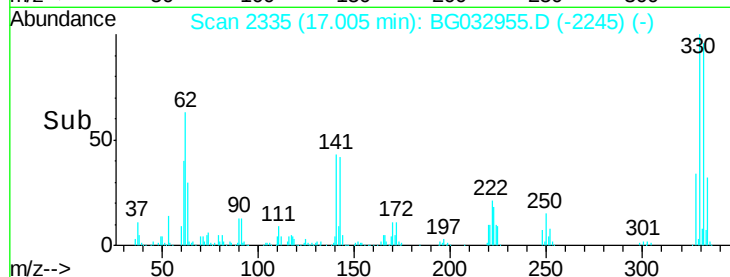
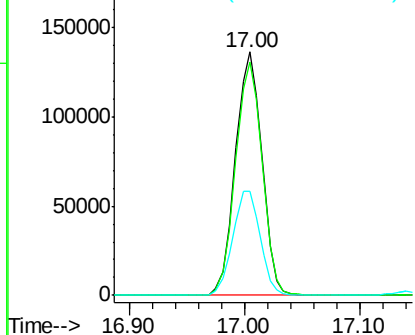
#41
 2,4,6-Tribromophenol
 Concen: 123.855 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Tot Ion:330 Resp: 217199
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 44.5 25.2 37.8#

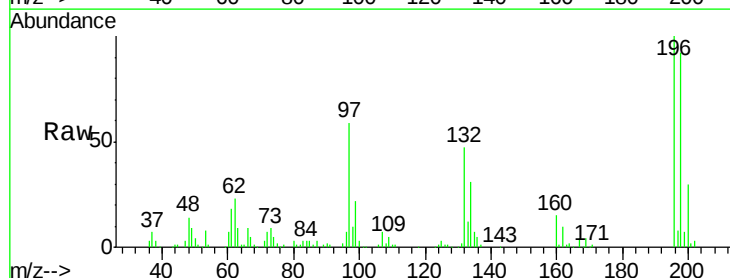


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

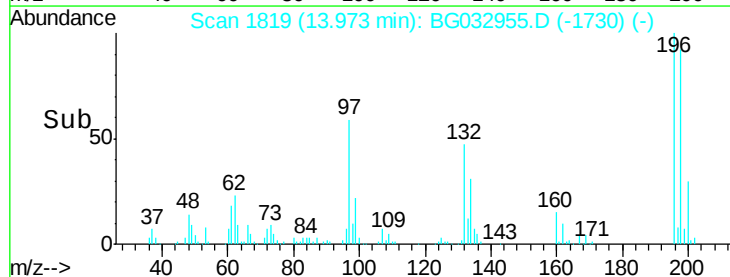
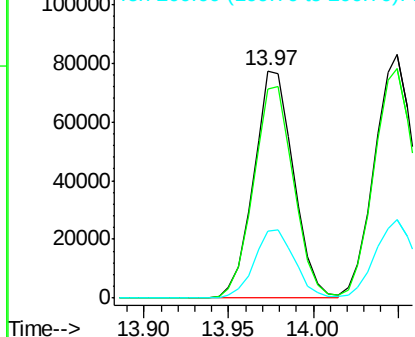


#42
 2,4,6-Trichlorophenol
 Concen: 40.640 ng
 RT: 13.97 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion:196 Resp: 126890
 Ion Ratio Lower Upper
 196 100
 198 91.8 78.2 117.2
 200 29.7 24.6 36.8



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

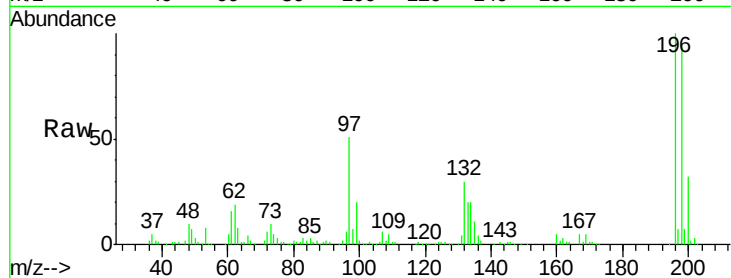




#43
 2,4,5-Trichlorophenol
 Concen: 38.651 ng
 RT: 14.05 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.3	76.2	114.4
97	51.3	38.7	58.1
132	29.5	20.2	30.2



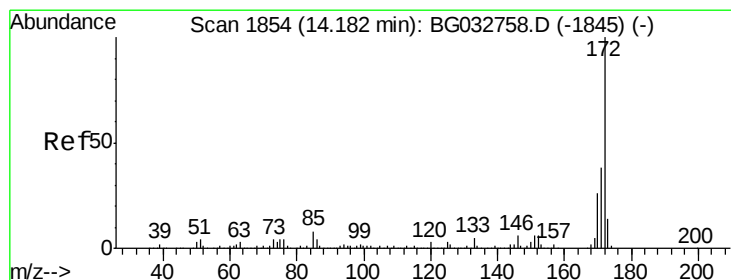
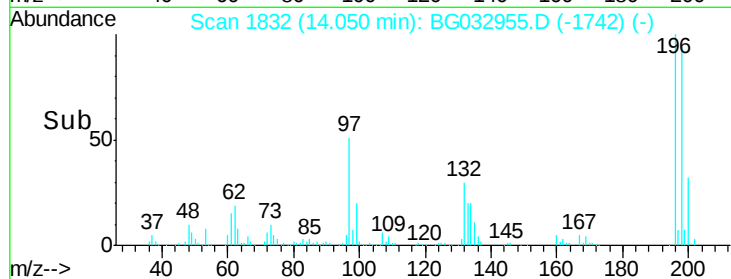
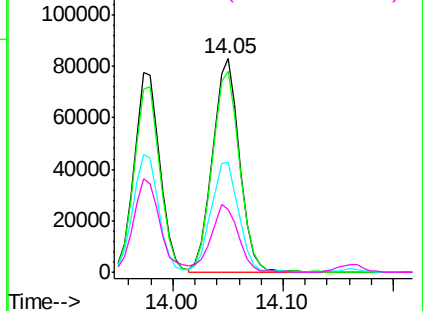
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

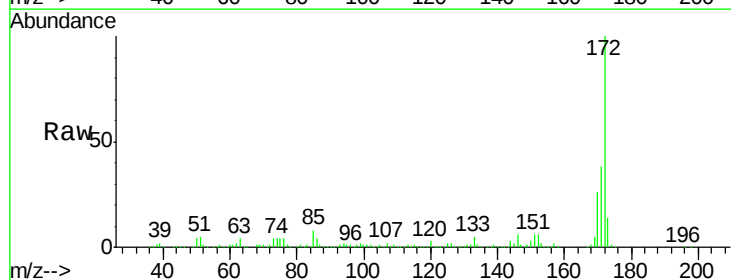
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 72.149 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	25.6	19.5	29.3

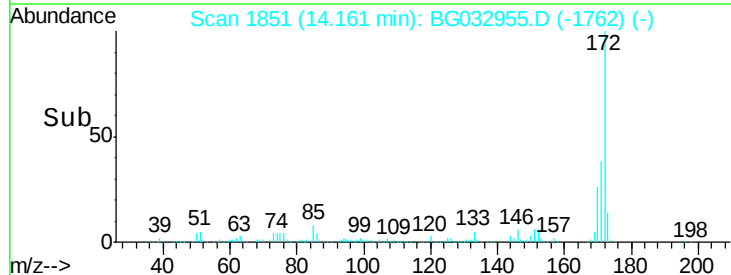
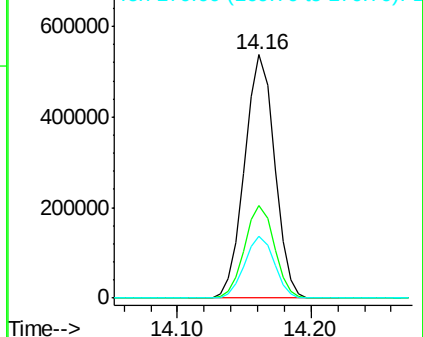


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

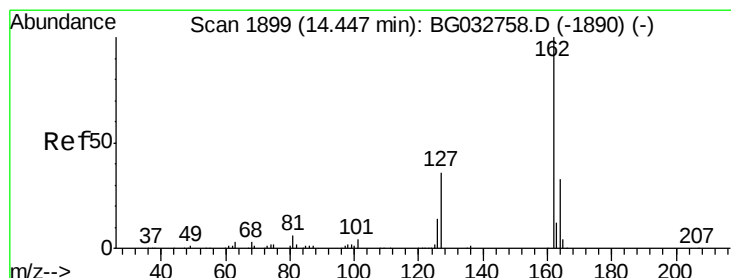
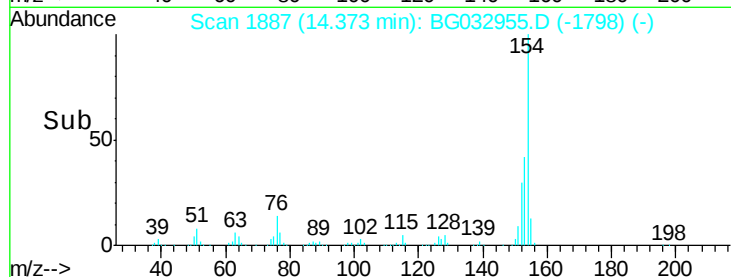
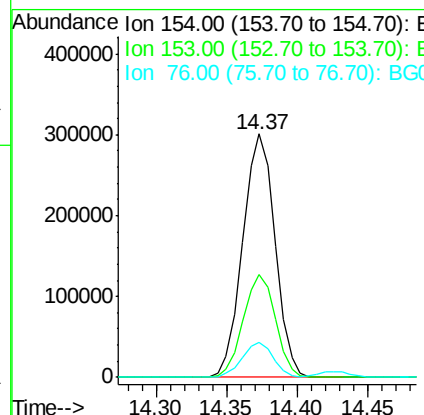
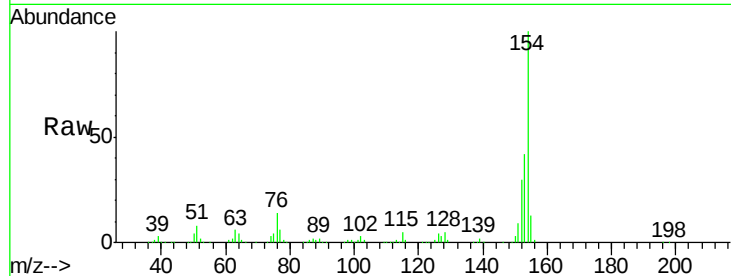




#45
 1,1'-Biphenyl
 Concen: 33.048 ng
 RT: 14.37 min Scan# 1887
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

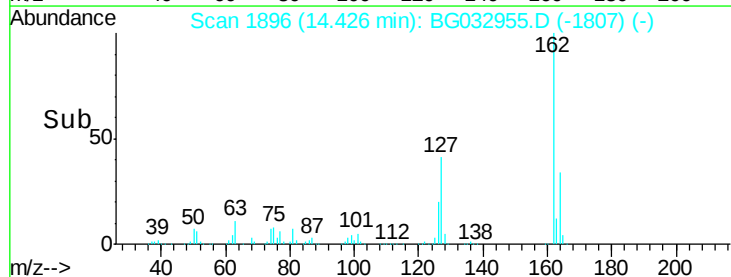
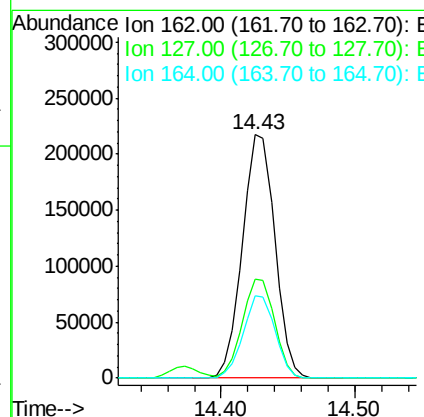
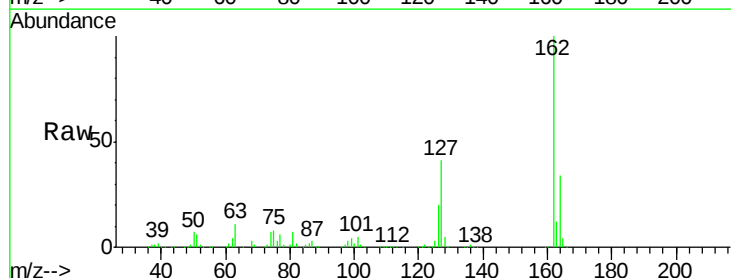
Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.2	19.8	59.8
76	14.2	0.0	31.9



#46
 2-Chloronaphthalene
 Concen: 33.601 ng
 RT: 14.43 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.6	30.7	46.1
164	33.8	26.0	39.0





#47

2-Nitroaniline

Concen: 48.586 ng

RT: 14.61 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

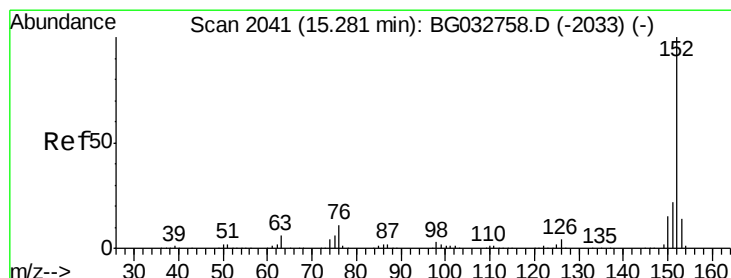
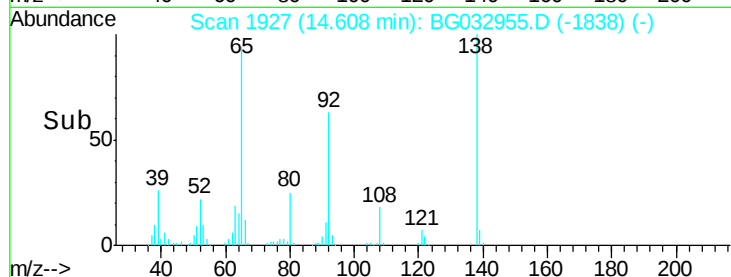
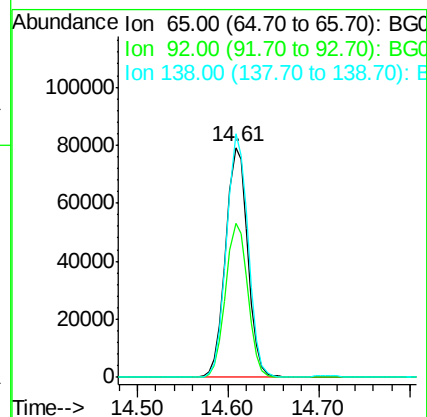
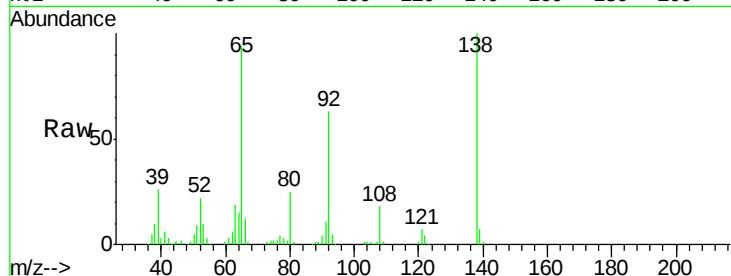
Tot Ion: 65 Resp: 133812

Ion Ratio Lower Upper

65 100

92 66.9 54.6 82.0

138 106.0 72.9 109.3



#48

Acenaphthylene

Concen: 34.026 ng

RT: 15.27 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

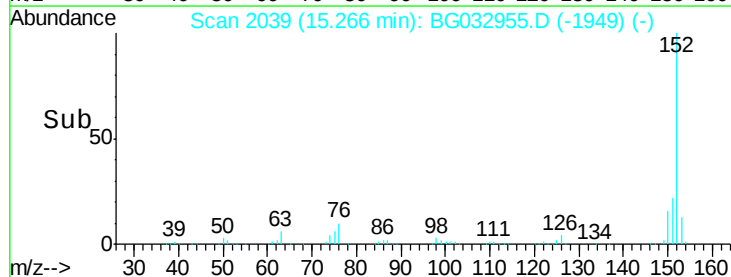
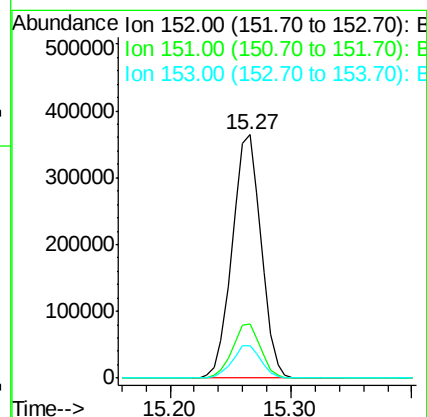
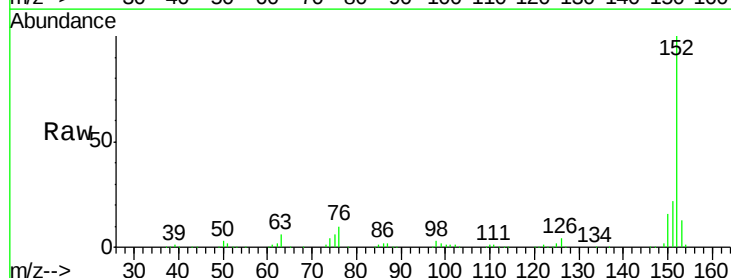
Tgt Ion: 152 Resp: 606489

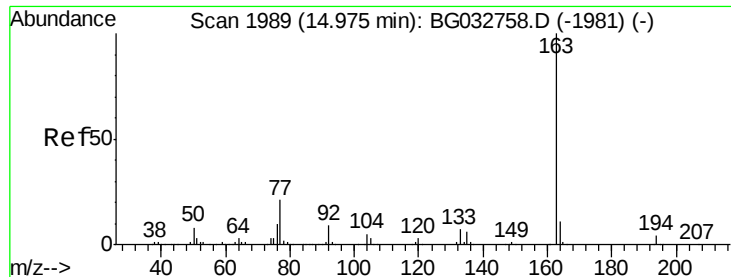
Ion Ratio Lower Upper

152 100

151 22.2 17.2 25.8

153 13.2 10.2 15.4





#49

Dimethylphthalate

Concen: 34.342 ng

RT: 14.95 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

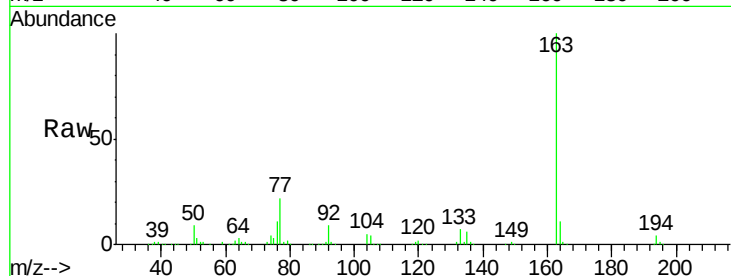
Tot Ion:163 Resp: 486329

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

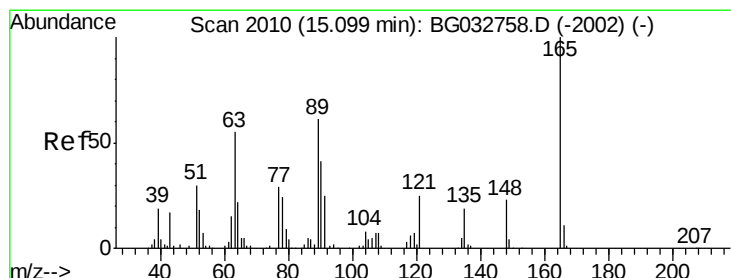
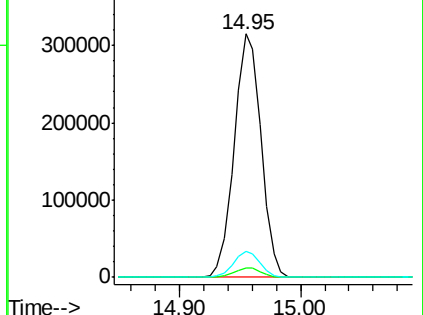
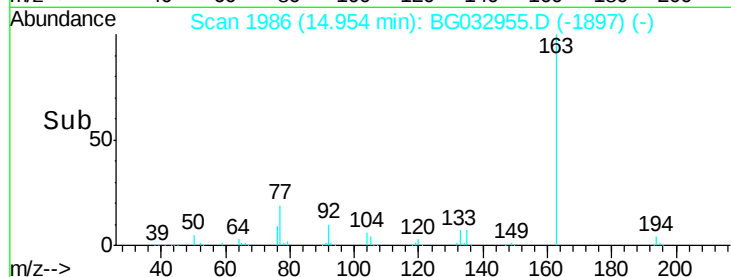
164 10.6 8.2 12.4



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: 46.318 ng

RT: 15.08 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

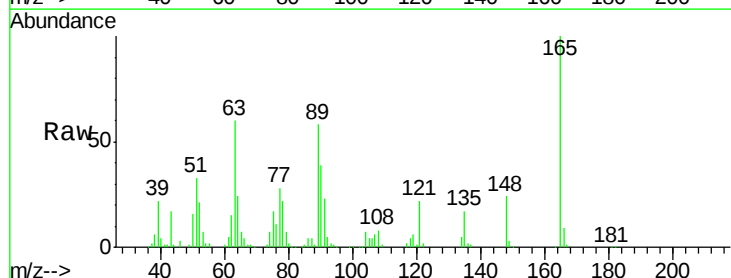
Tgt Ion:165 Resp: 107670

Ion Ratio Lower Upper

165 100

63 59.5 52.7 79.1

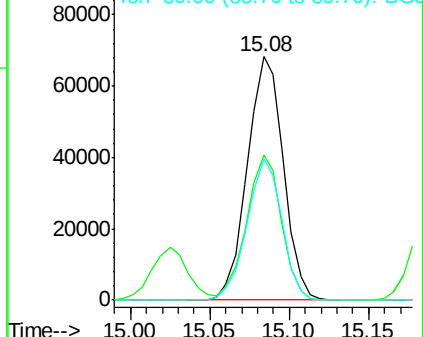
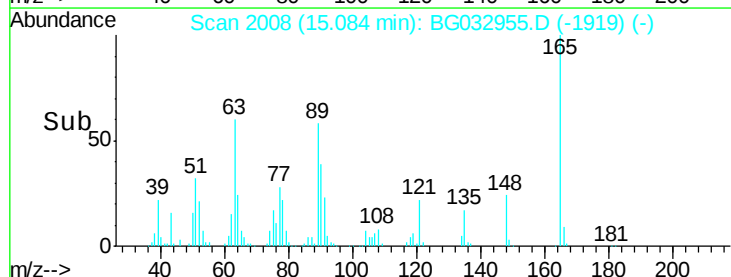
89 57.8 49.2 73.8

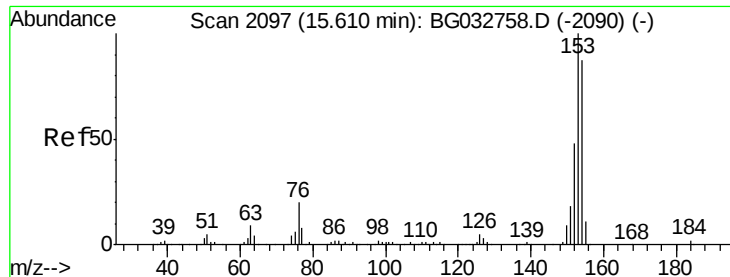


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 37.147 ng

RT: 15.59 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

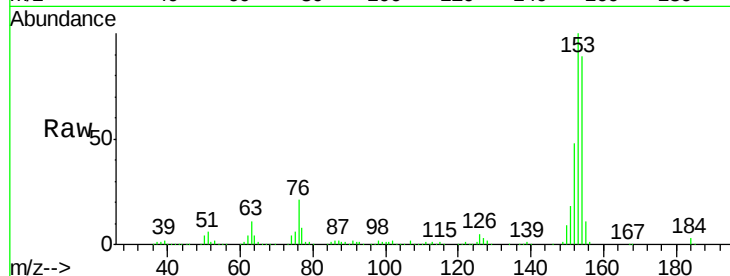
Tot Ion:154 Resp: 412350

Ion Ratio Lower Upper

154 100

153 112.8 90.4 135.6

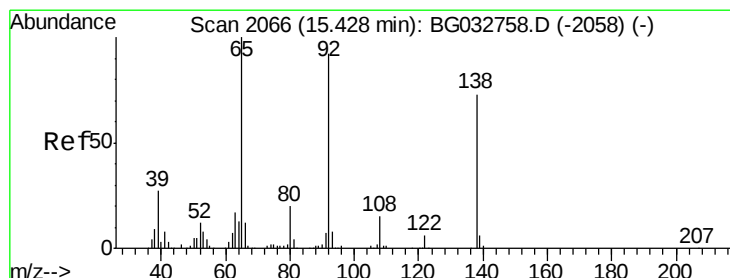
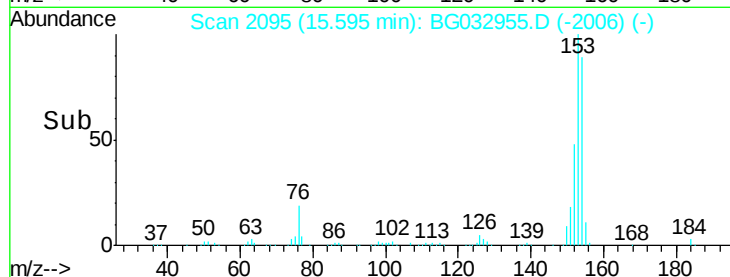
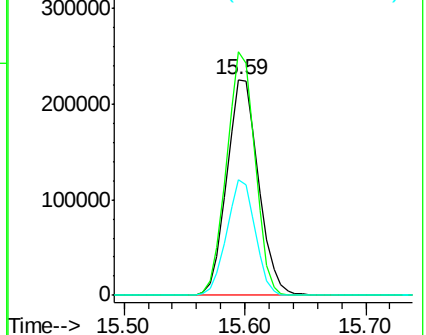
152 53.6 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 30.563 ng

RT: 15.41 min Scan# 2064

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

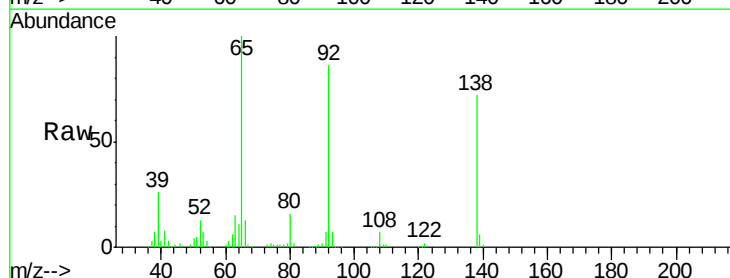
Tgt Ion:138 Resp: 79198

Ion Ratio Lower Upper

138 100

108 10.3 17.5 26.3#

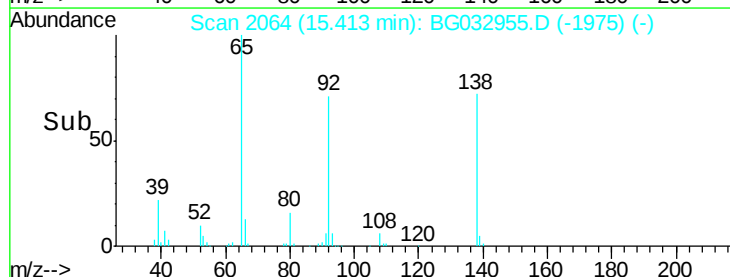
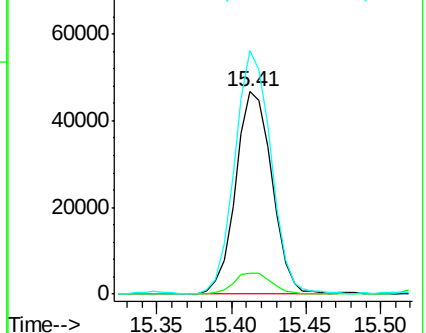
92 120.5 105.8 158.8

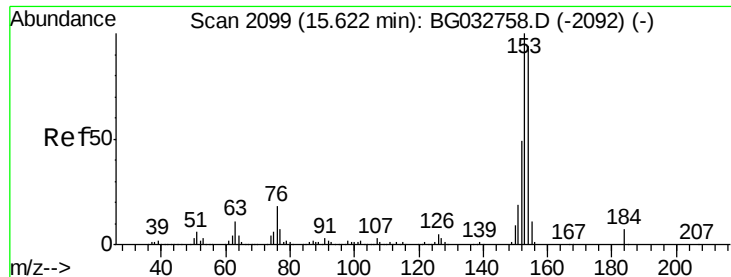


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

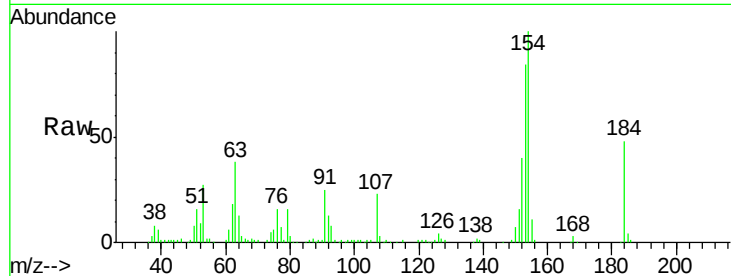




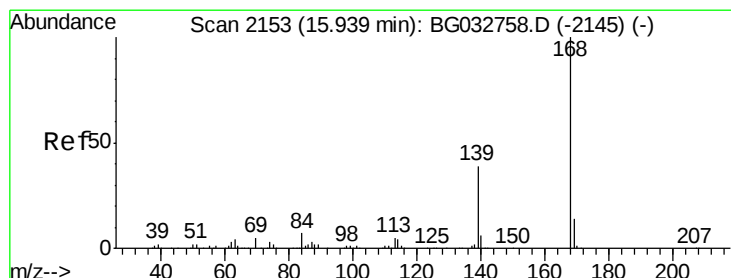
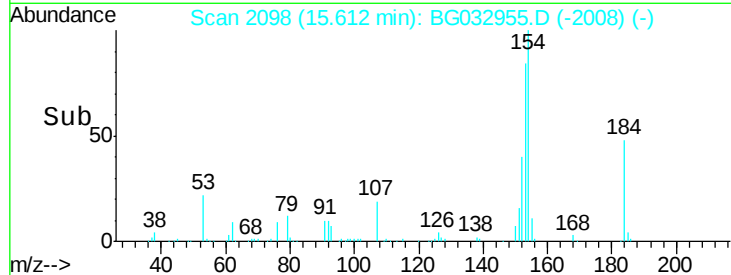
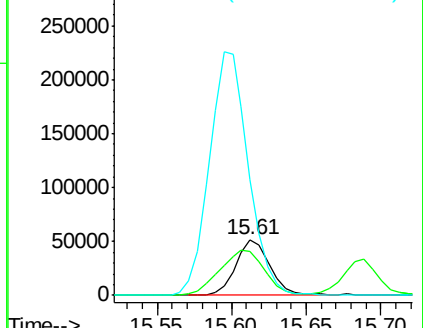
#53
2,4-Dinitrophenol
Concen: 101.330 ng
RT: 15.61 min Scan# 2098
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:184 Resp: 82685
Ion Ratio Lower Upper
184 100
63 79.0 59.8 89.8
154 206.4 101.8 152.8#

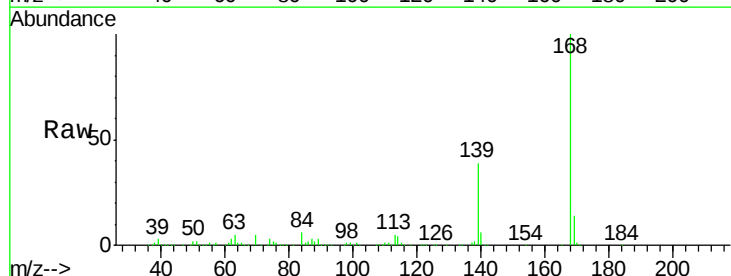


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

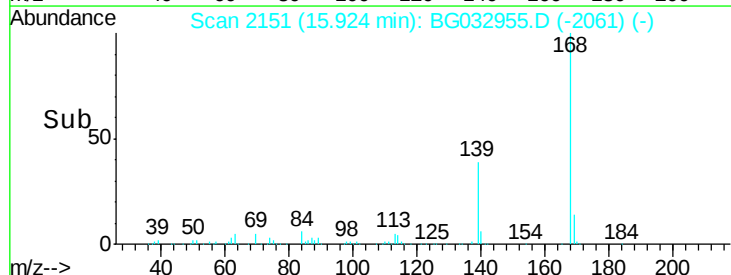
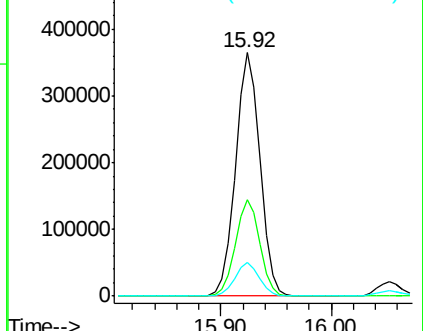


#54
Dibenzofuran
Concen: 35.843 ng
RT: 15.92 min Scan# 2151
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:168 Resp: 566537
Ion Ratio Lower Upper
168 100
139 39.5 28.6 43.0
169 13.6 11.2 16.8



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





#55

4-Nitrophenol

Concen: 81.948 ng

RT: 15.69 min Scan# 2111

Delta R.T. 0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

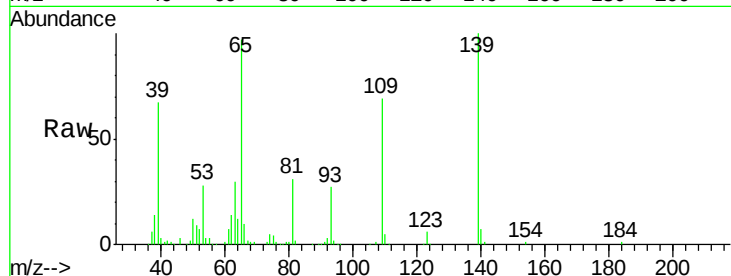
Tot Ion:139 Resp: 190476

Ion Ratio Lower Upper

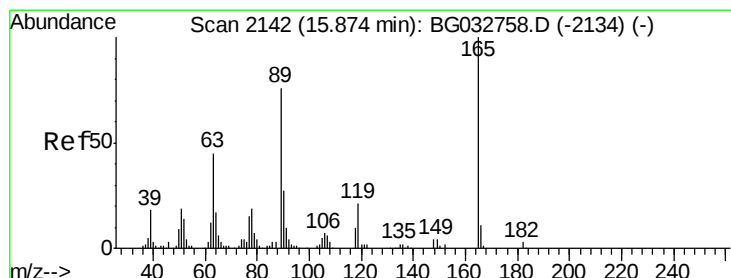
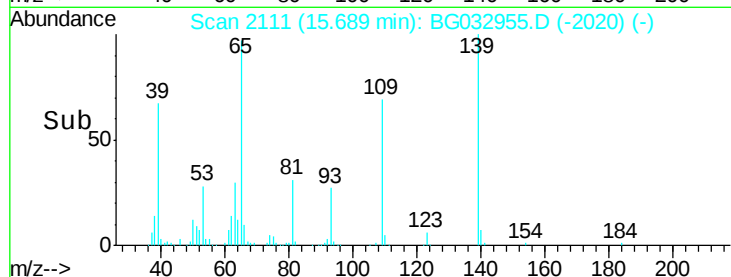
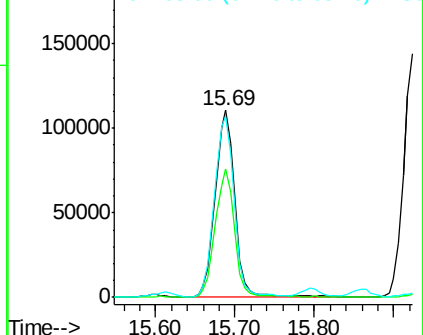
139 100

109 68.6 62.2 102.2

65 96.9 97.2 137.2#



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



#56

2,4-Dinitrotoluene

Concen: 54.029 ng

RT: 15.86 min Scan# 2140

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Tgt Ion:165 Resp: 152853

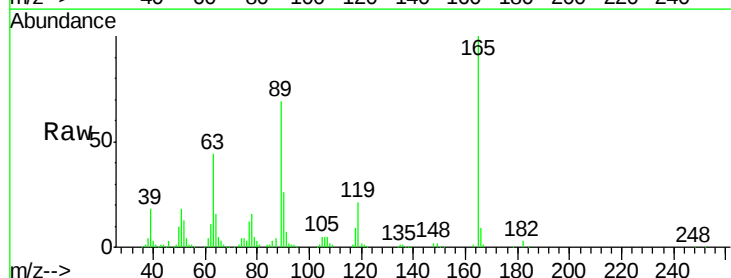
Ion Ratio Lower Upper

165 100

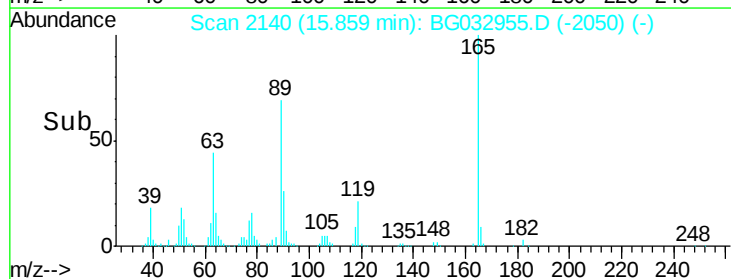
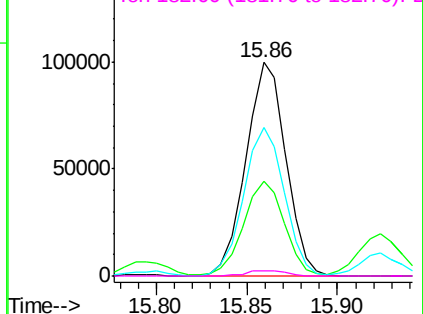
63 44.4 42.0 63.0

89 69.4 66.9 100.3

182 2.7 2.6 3.8



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

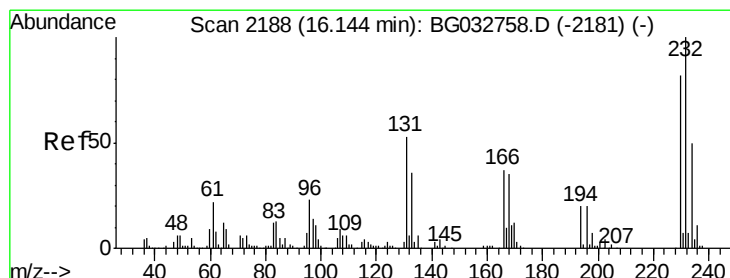
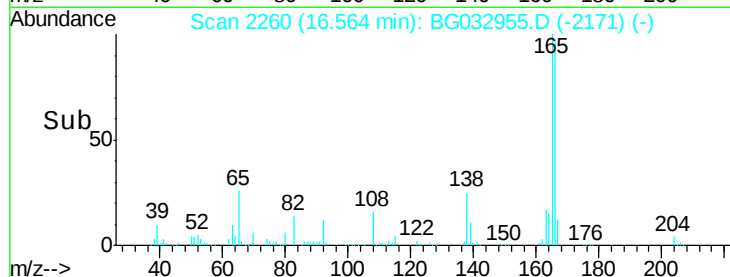
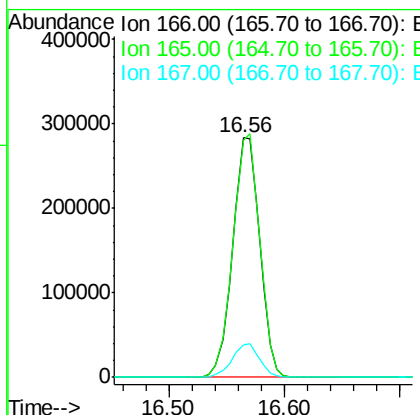
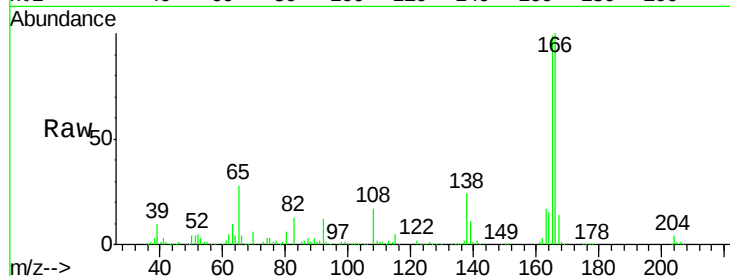




#57
 Fluorene
 Concen: 35.218 ng
 RT: 16.56 min Scan# 2260
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

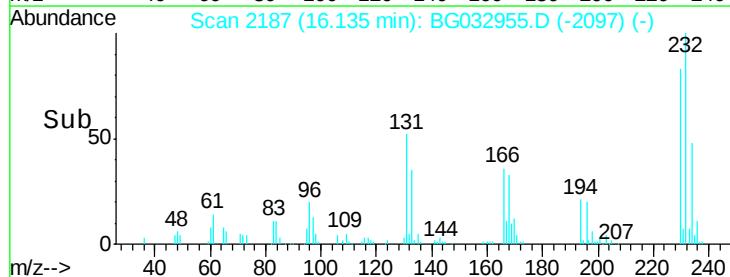
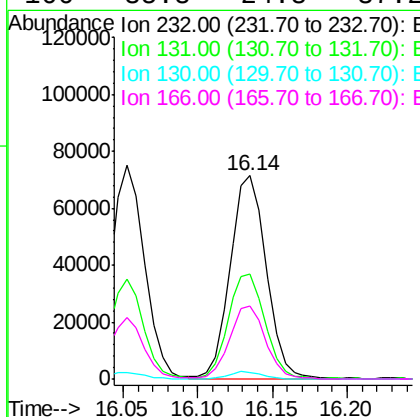
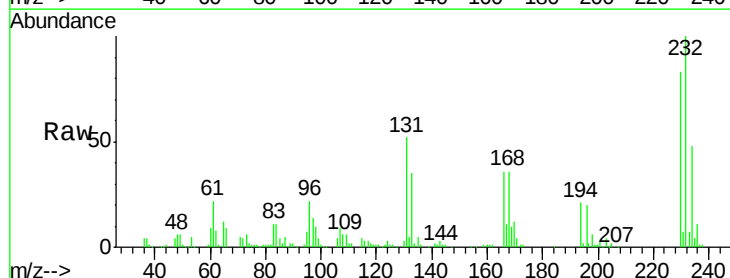
Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

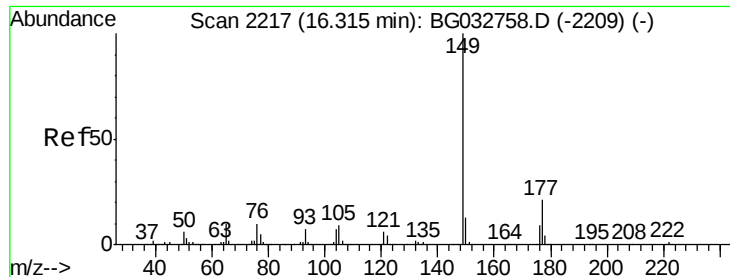
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.1	80.6	121.0
167	13.8	10.4	15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 43.100 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.2	33.5	50.3#
130	3.2	2.2	3.2
166	35.8	24.8	37.2

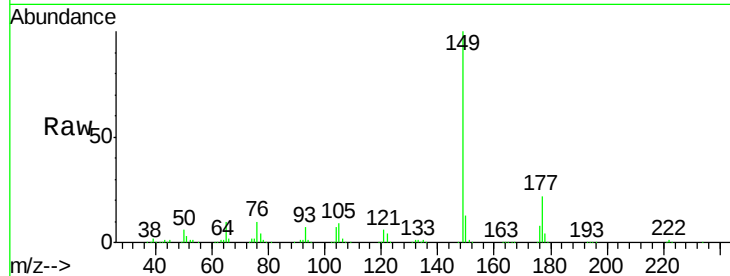




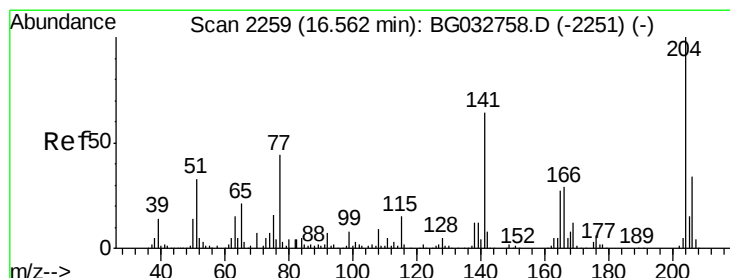
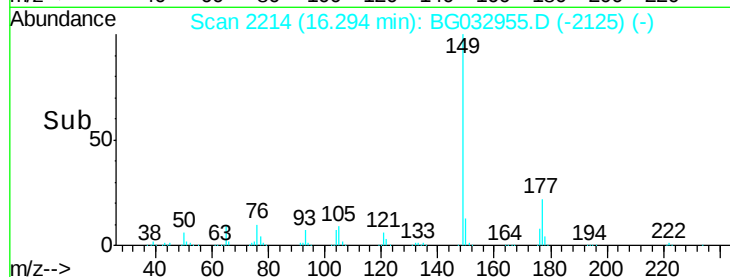
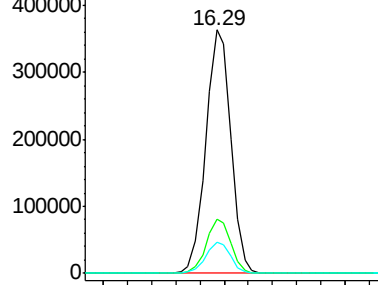
#59
Diethylphthalate
Concen: 34.983 ng
RT: 16.29 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:149 Resp: 522523
Ion Ratio Lower Upper
149 100
177 22.0 18.5 27.7
150 12.8 10.2 15.2

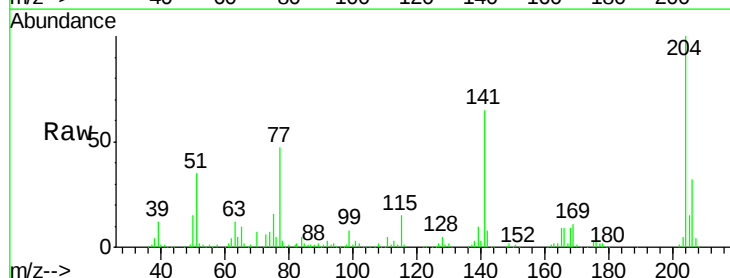


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

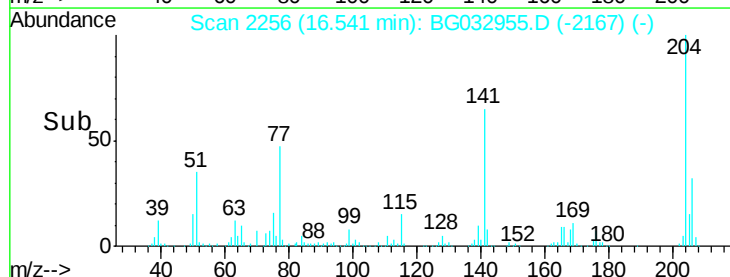
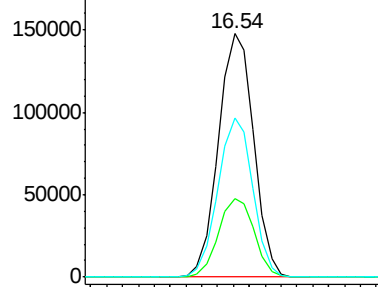


#60
4-Chlorophenyl-phenylether
Concen: 35.744 ng
RT: 16.54 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:204 Resp: 228112
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 65.4 45.8 68.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

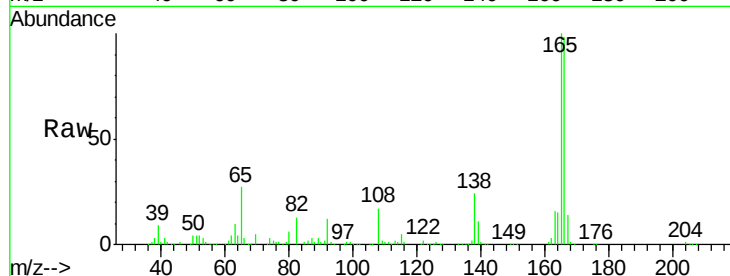




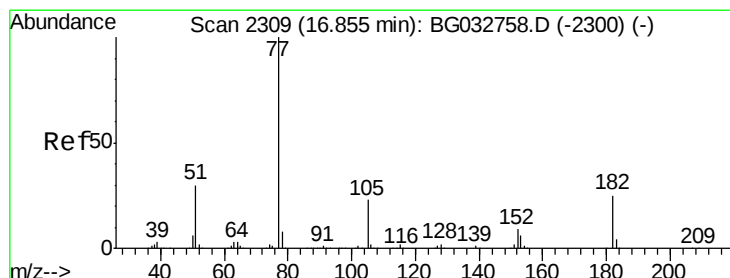
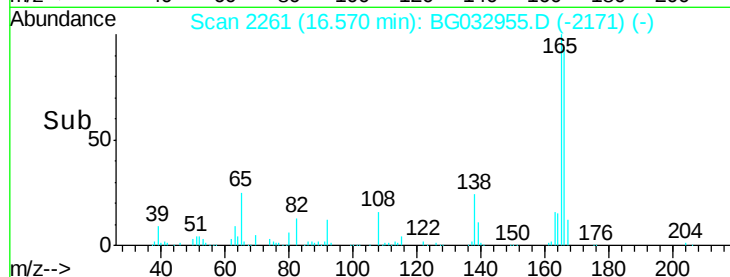
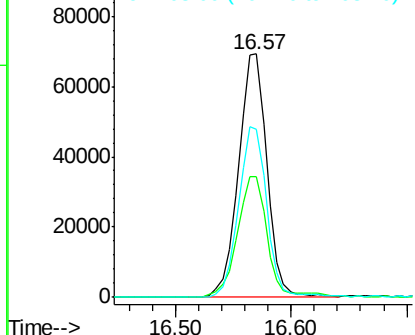
#61
4-Nitroaniline
Concen: 39.689 ng
RT: 16.57 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:138 Resp: 118515
Ion Ratio Lower Upper
138 100
92 49.4 40.1 80.1
108 69.3 65.4 105.4

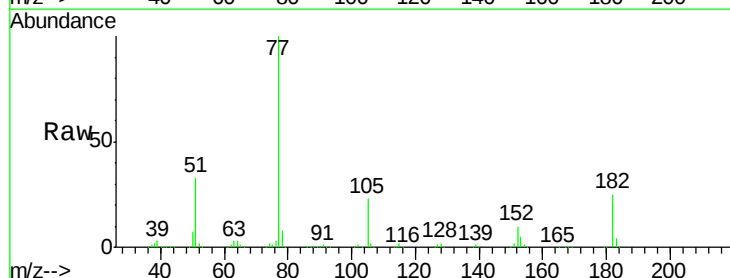


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E

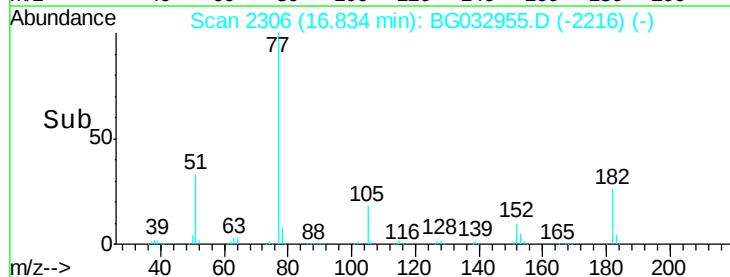
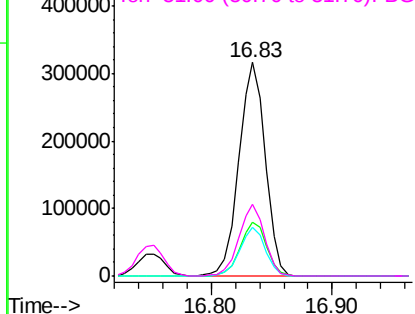


#62
Azobenzene
Concen: 35.965 ng
RT: 16.83 min Scan# 2306
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion: 77 Resp: 480583
Ion Ratio Lower Upper
77 100
182 25.2 7.4 47.4
105 22.6 0.3 40.3
51 33.3 11.6 51.6



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

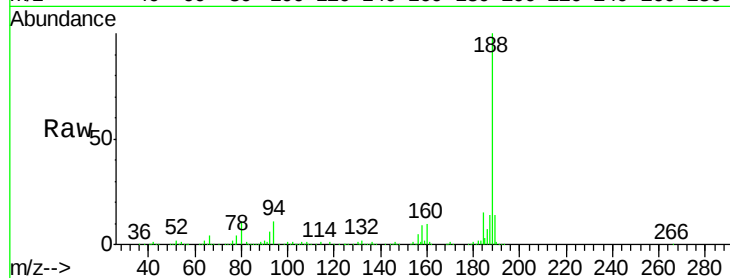
Tot Ion:188 Resp: 378277

Ion Ratio Lower Upper

188 100

94 10.5 6.9 10.3#

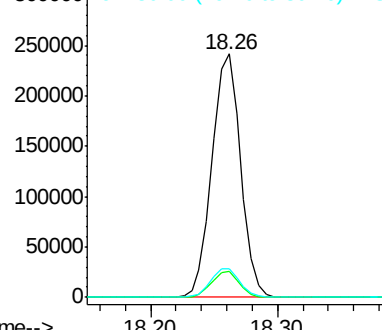
80 11.5 7.7 11.5



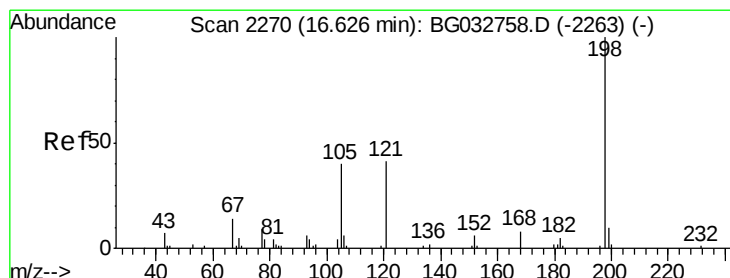
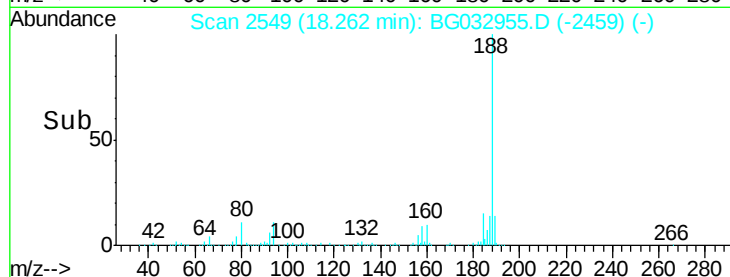
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 56.832 ng

RT: 16.62 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

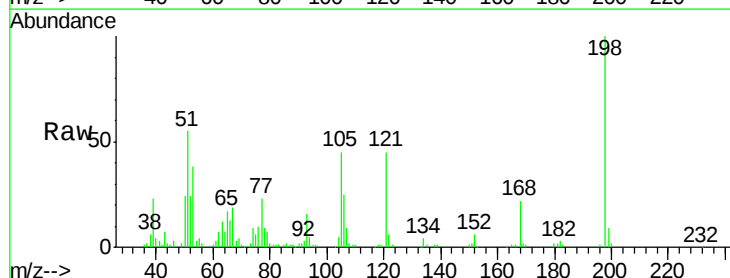
Tgt Ion:198 Resp: 67296

Ion Ratio Lower Upper

198 100

51 55.0 30.6 70.6

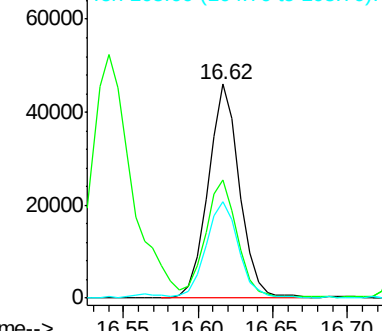
105 45.2 23.8 63.8



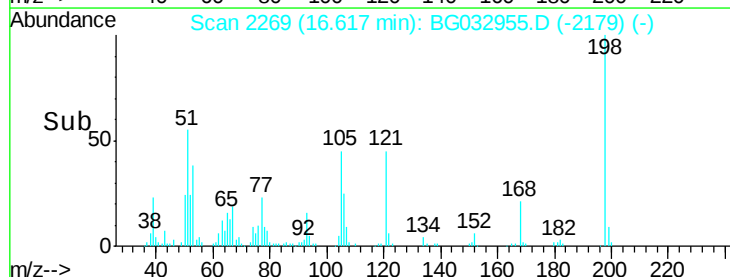
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 34.701 ng

RT: 16.75 min Scan# 2292

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

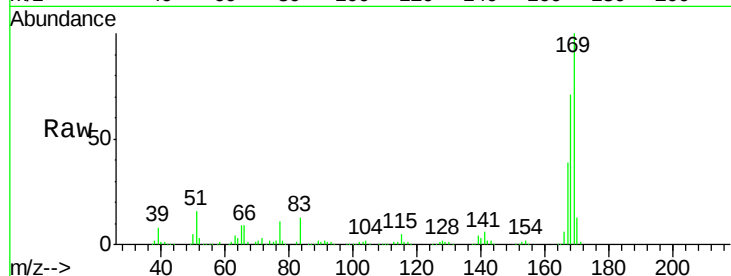
Tot Ion:169 Resp: 427024

Ion Ratio Lower Upper

169 100

168 71.4 55.7 83.5

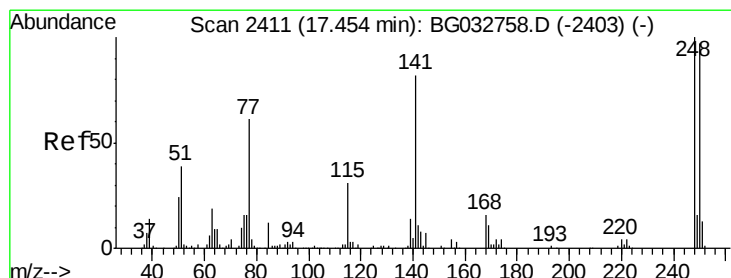
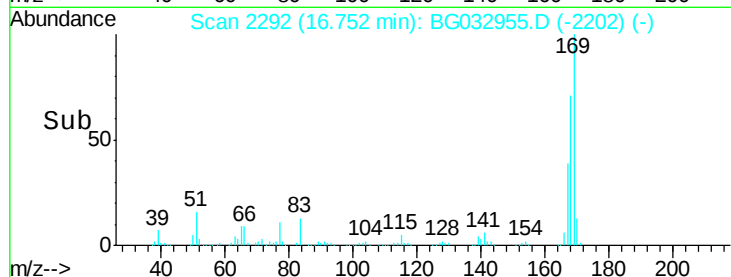
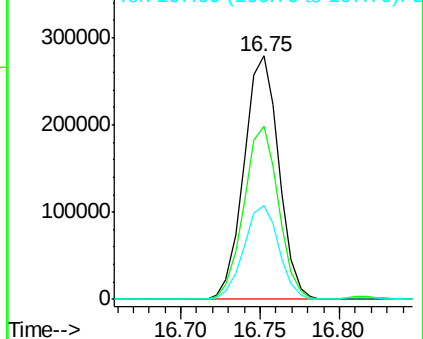
167 38.6 30.1 45.1



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: 34.244 ng

RT: 17.43 min Scan# 2408

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

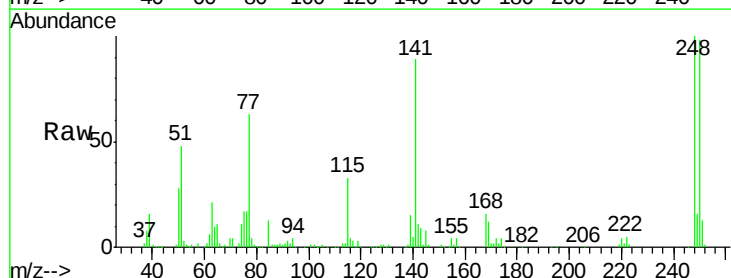
Tgt Ion:248 Resp: 136971

Ion Ratio Lower Upper

248 100

250 98.0 77.1 115.7

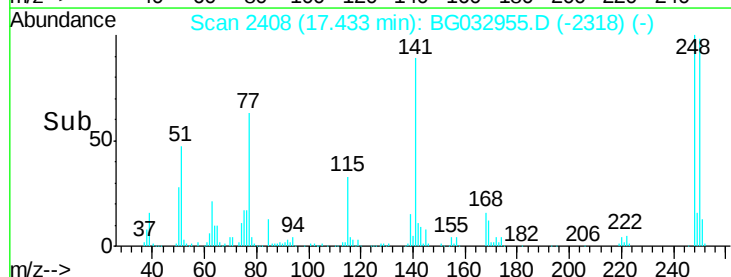
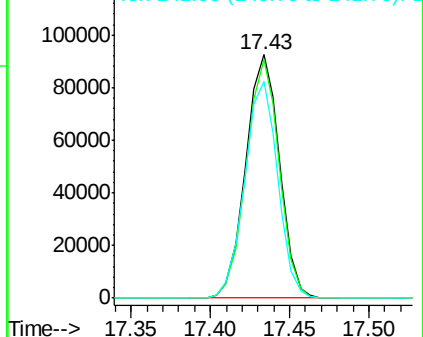
141 88.9 50.8 76.2#

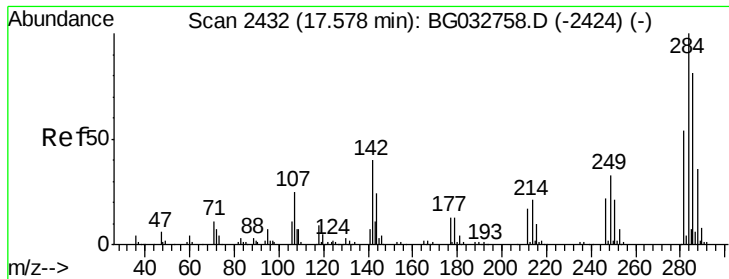


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.541 ng

RT: 17.56 min Scan# 2430

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

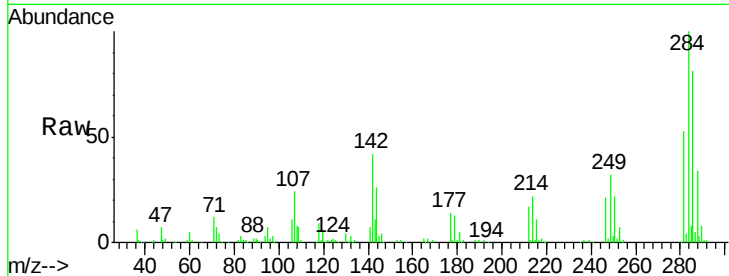
Tot Ion:284 Resp: 140658

Ion Ratio Lower Upper

284 100

142 41.7 26.8 40.2#

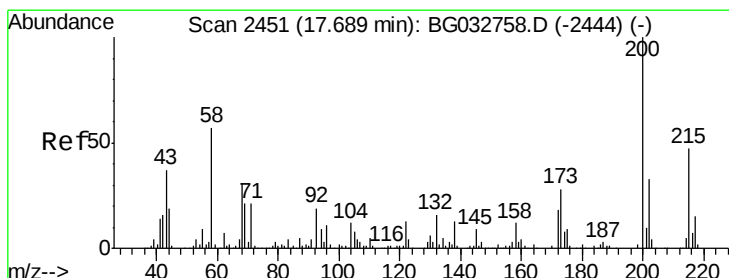
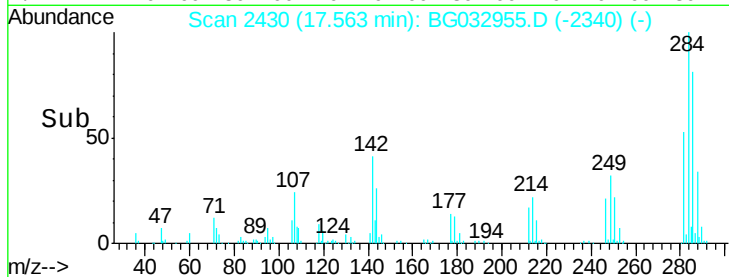
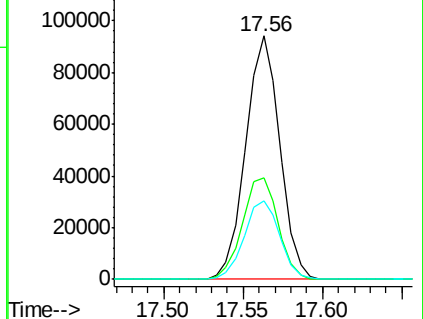
249 32.5 26.3 39.5



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: 37.199 ng

RT: 17.67 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

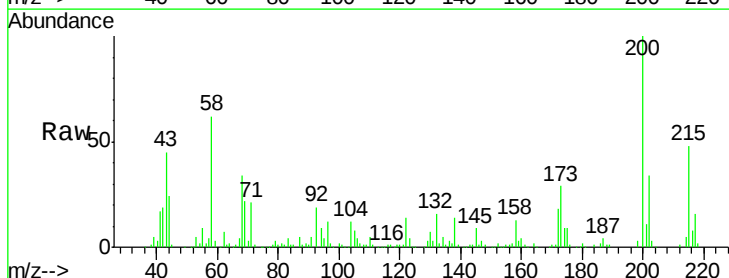
Tgt Ion:200 Resp: 150679

Ion Ratio Lower Upper

200 100

173 29.3 5.2 45.2

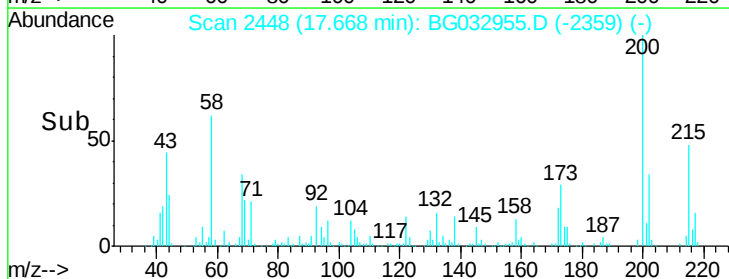
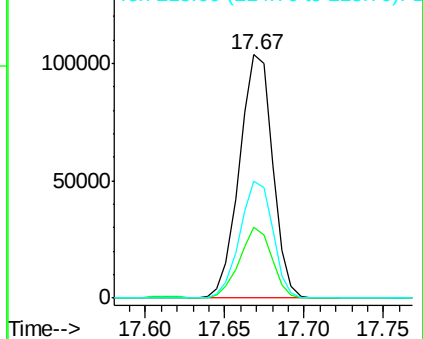
215 48.3 30.4 70.4

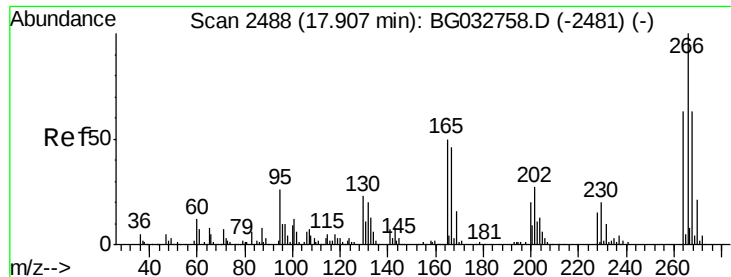


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 72.018 ng

RT: 17.90 min Scan# 2487

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

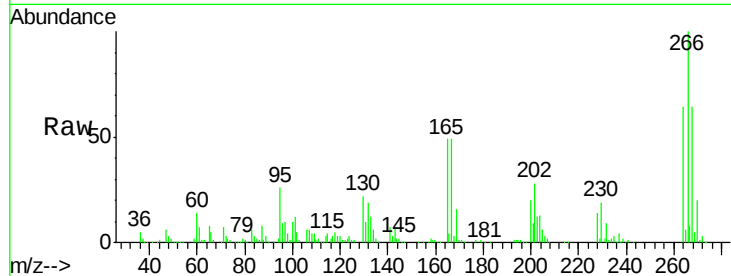
Tot Ion:266 Resp: 196081

Ion Ratio Lower Upper

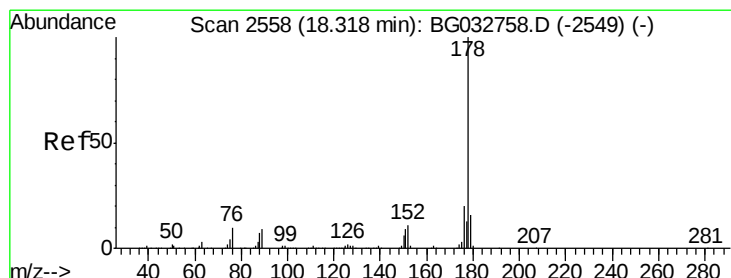
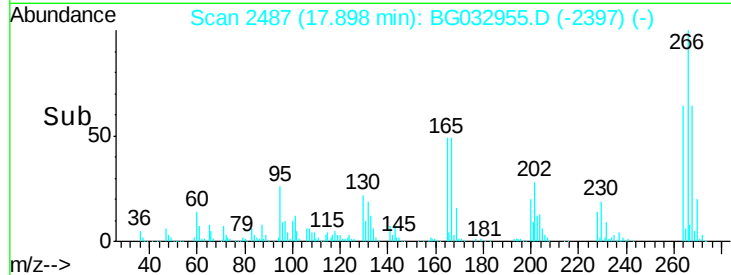
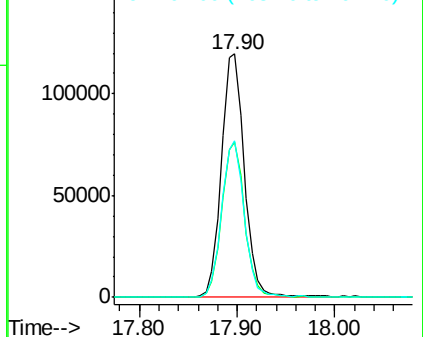
266 100

268 63.8 51.1 76.7

264 64.3 49.6 74.4



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



#70

Phenanthrene

Concen: 35.239 ng

RT: 18.30 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

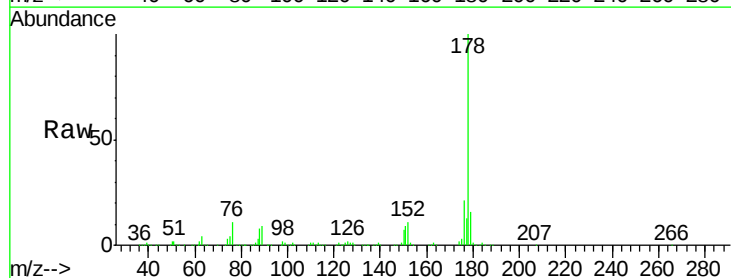
Tgt Ion:178 Resp: 743685

Ion Ratio Lower Upper

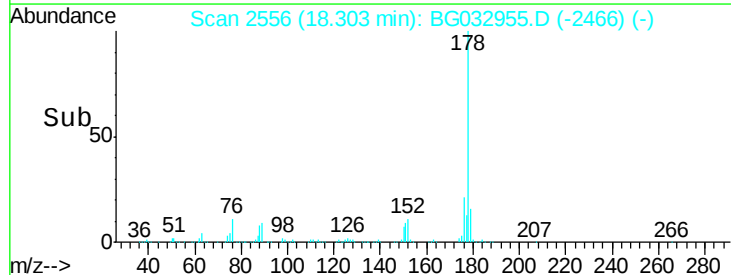
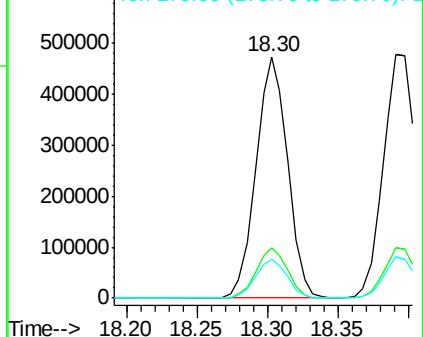
178 100

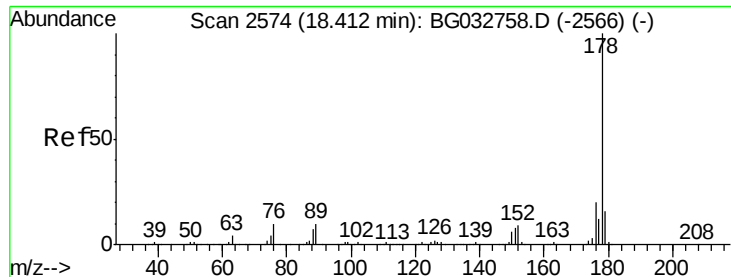
176 20.9 15.7 23.5

179 16.1 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

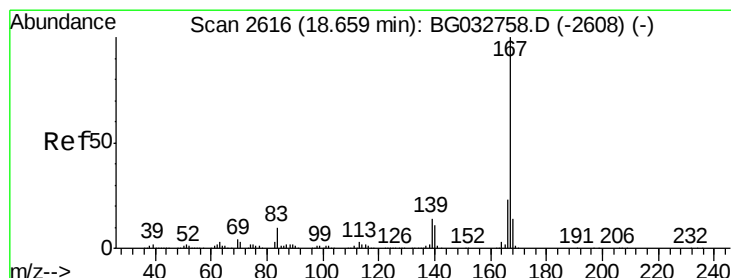
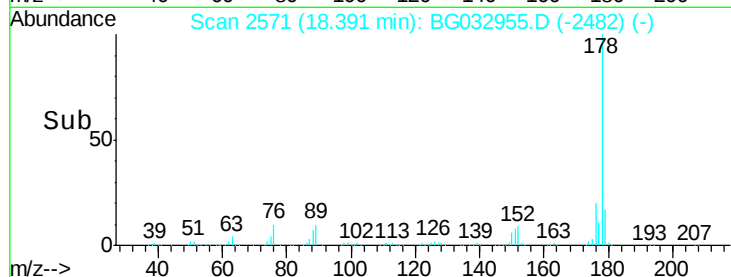
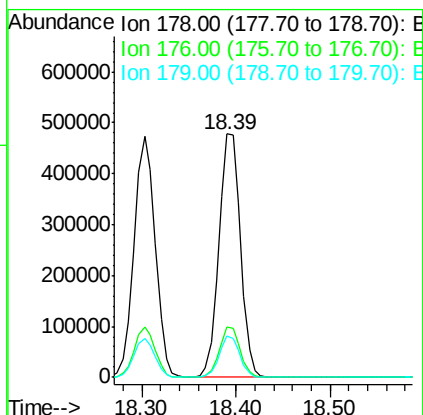
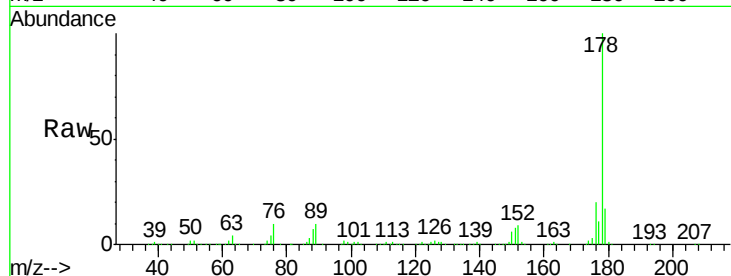




#71
 Anthracene
 Concen: 36.098 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

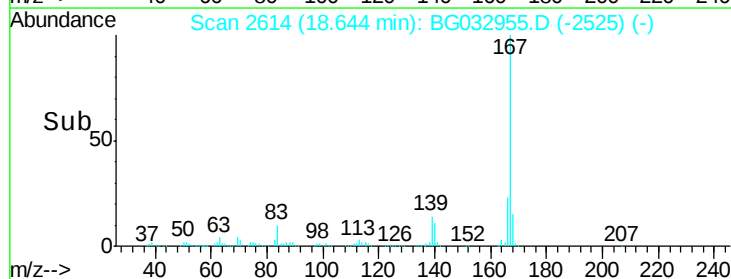
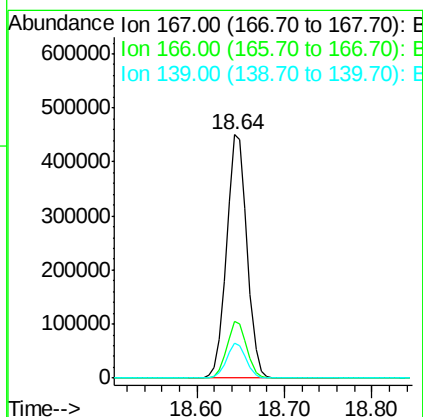
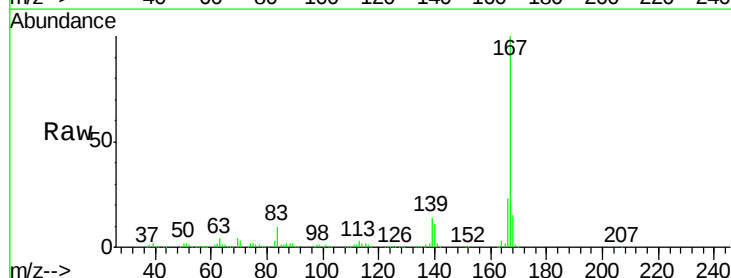
Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

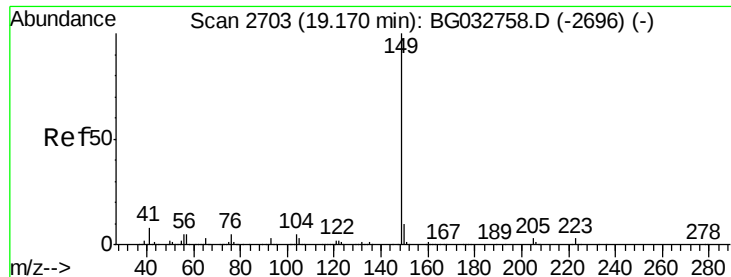
Tot Ion:178 Resp: 764823
 Ion Ratio Lower Upper
 178 100
 176 20.5 16.0 24.0
 179 16.8 12.5 18.7



#72
 Carbazole
 Concen: 34.488 ng
 RT: 18.64 min Scan# 2614
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion:167 Resp: 720234
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 14.2 9.4 14.2#





#73

Di-n-butylphthalate

Concen: 35.591 ng

RT: 19.15 min Scan# 2700

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

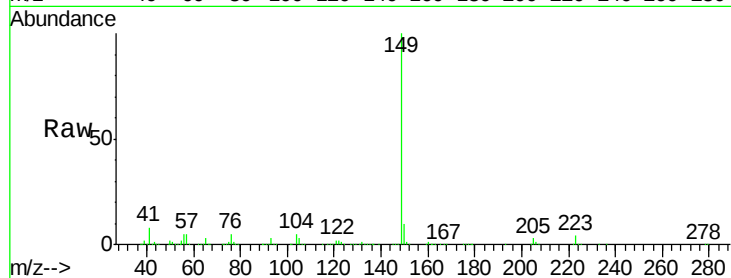
Tot Ion:149 Resp: 911858

Ion Ratio Lower Upper

149 100

150 10.0 7.8 11.6

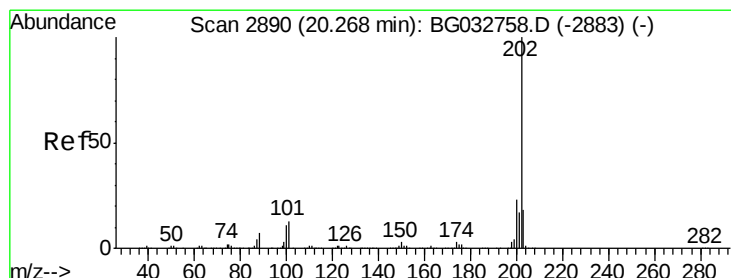
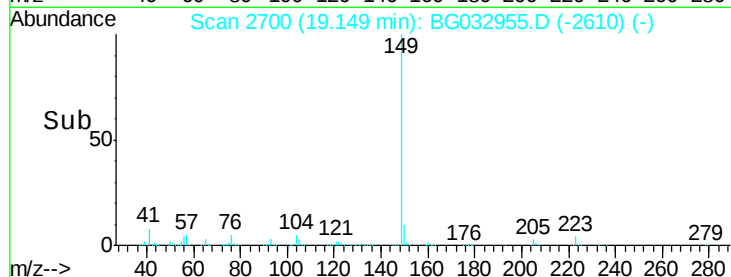
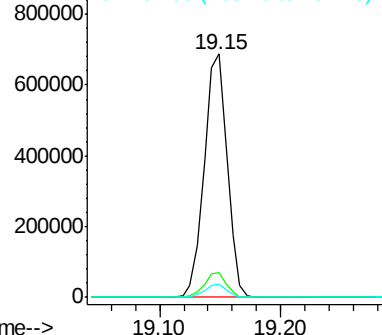
104 5.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.974 ng

RT: 20.25 min Scan# 2888

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

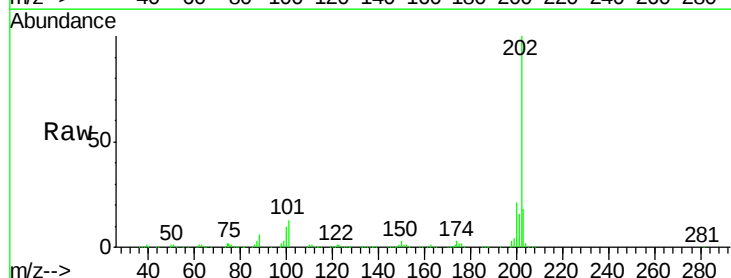
Tgt Ion:202 Resp: 838629

Ion Ratio Lower Upper

202 100

101 12.9 0.0 28.9

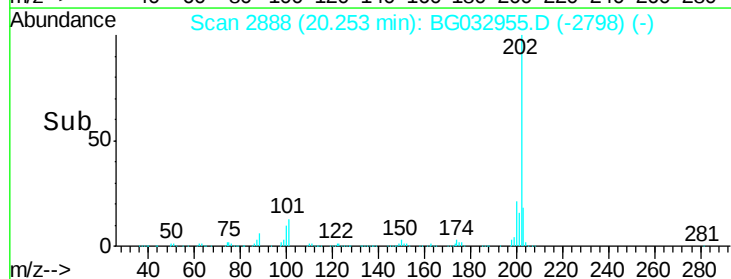
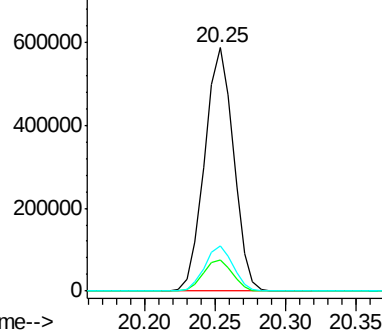
203 18.4 0.0 37.5

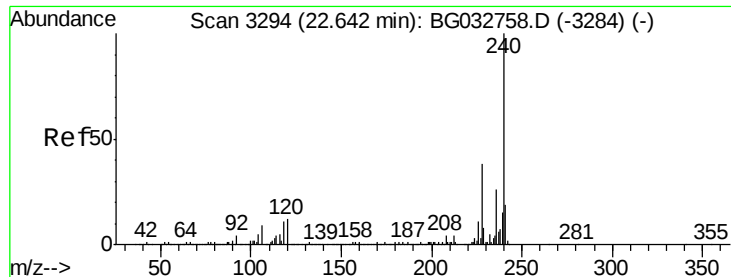


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 22.62 min Scan# 3291

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

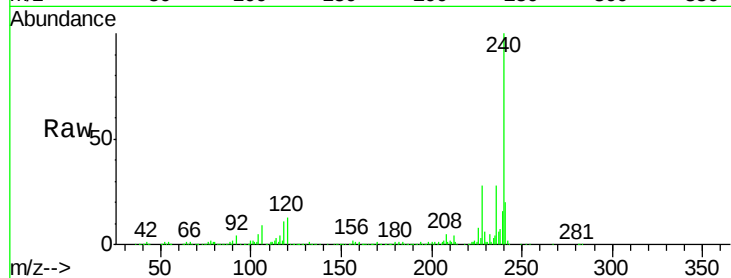
Tot Ion:240 Resp: 344166

Ion Ratio Lower Upper

240 100

120 12.9 6.8 10.2#

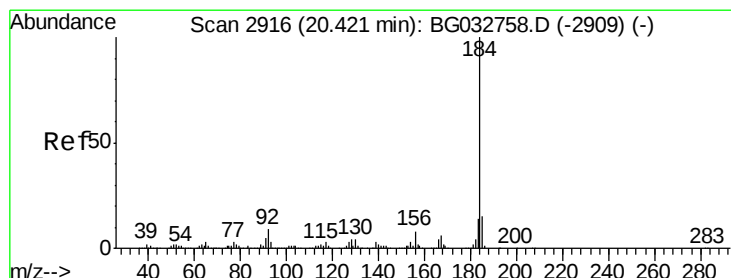
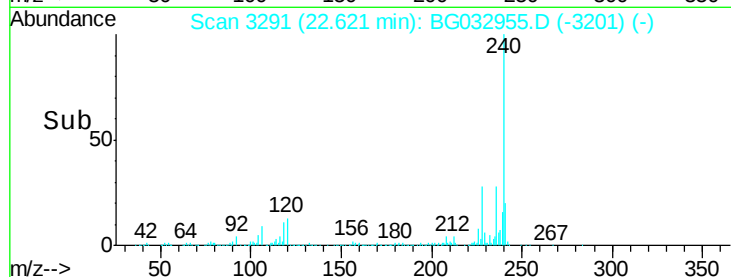
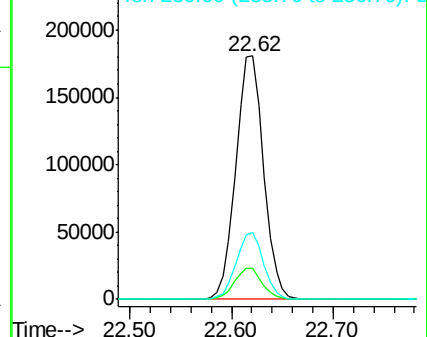
236 27.5 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 19.875 ng

RT: 20.41 min Scan# 2914

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

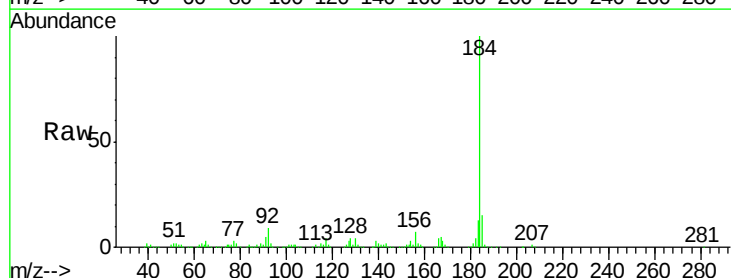
Tgt Ion:184 Resp: 233161

Ion Ratio Lower Upper

184 100

185 15.1 11.1 16.7

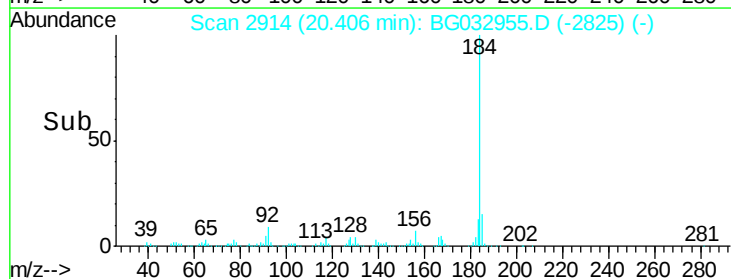
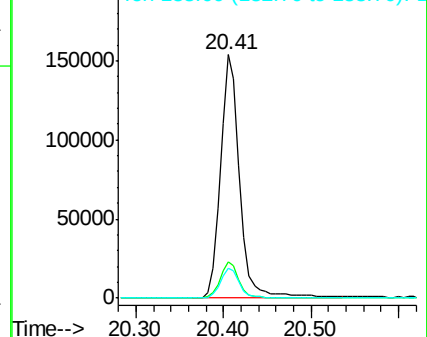
183 12.5 10.6 16.0

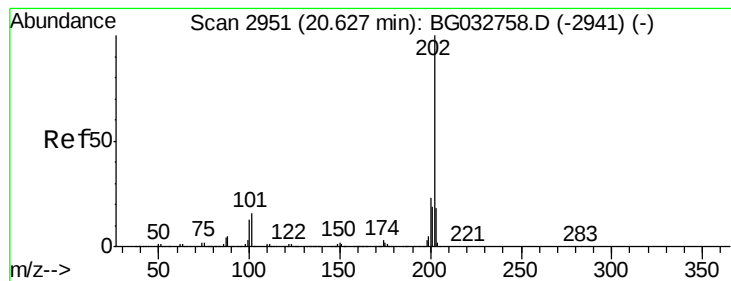


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 34.549 ng

RT: 20.61 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

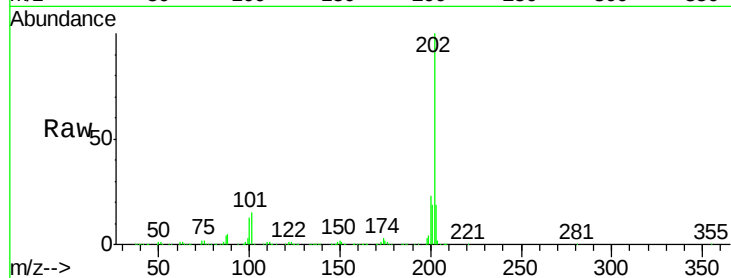
Tot Ion:202 Resp: 838538

Ion Ratio Lower Upper

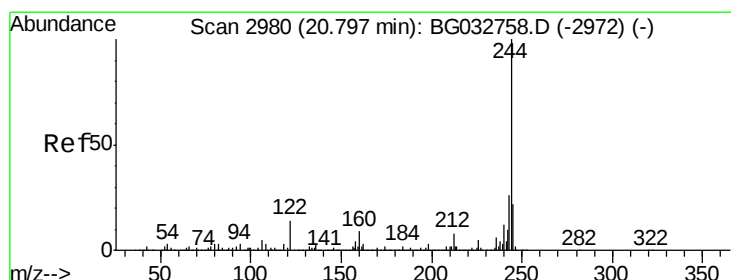
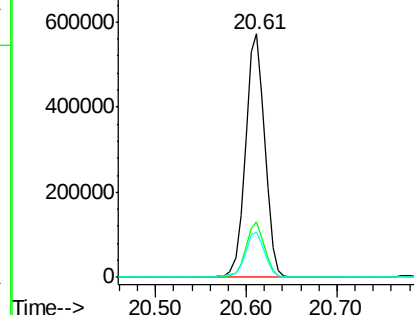
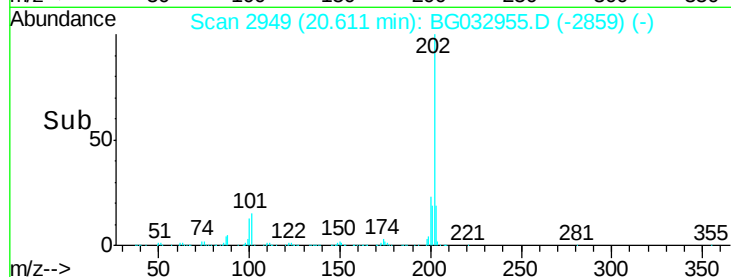
202 100

200 22.8 16.9 25.3

203 18.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 79.151 ng

RT: 20.78 min Scan# 2977

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

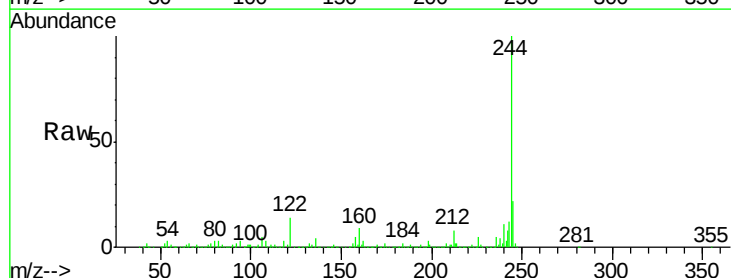
Tgt Ion:244 Resp: 1212473

Ion Ratio Lower Upper

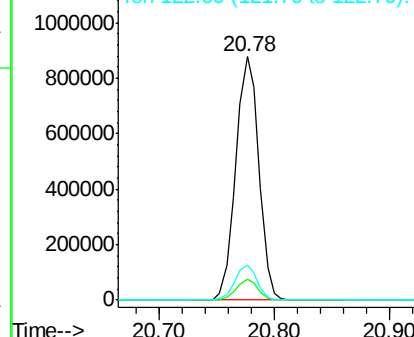
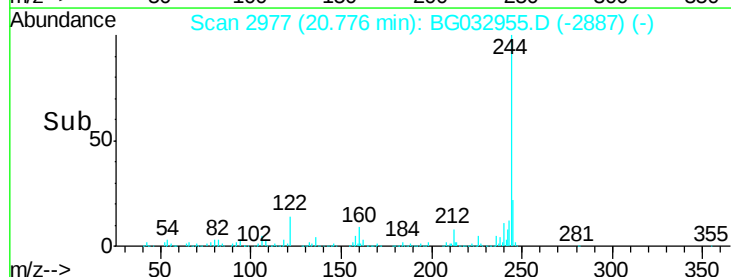
244 100

212 8.3 5.8 8.8

122 14.3 7.0 10.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

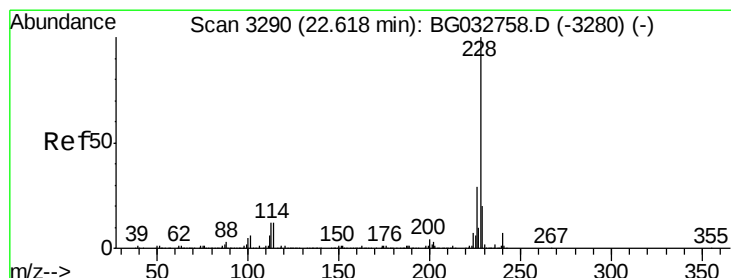
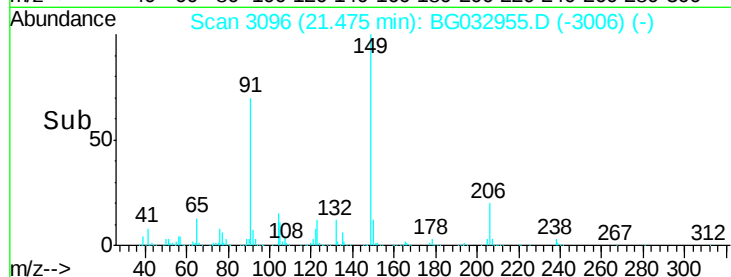
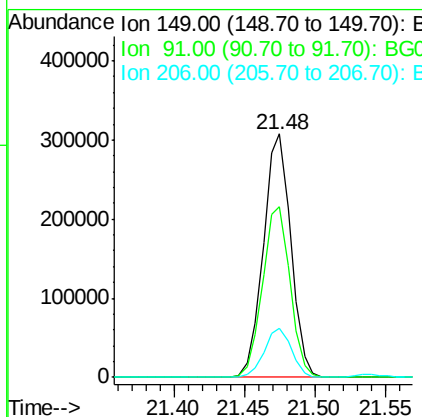
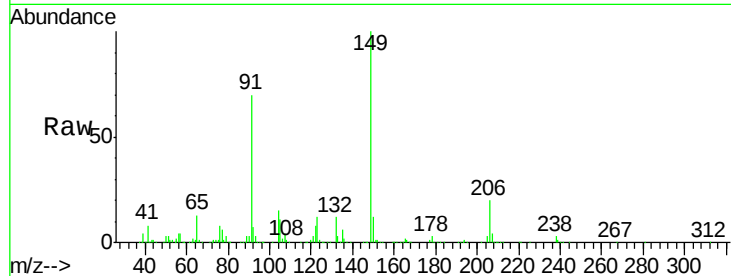




#79
Butylbenzylphthalate
Concen: 39.180 ng
RT: 21.48 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

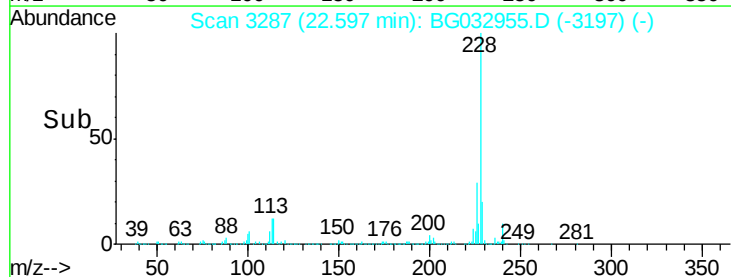
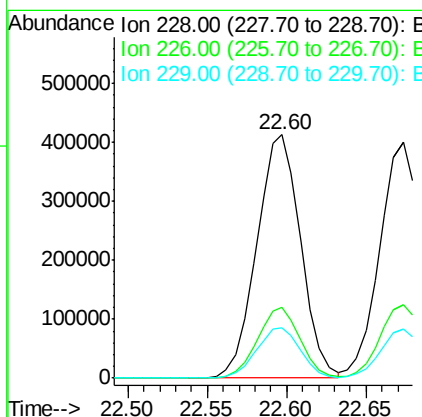
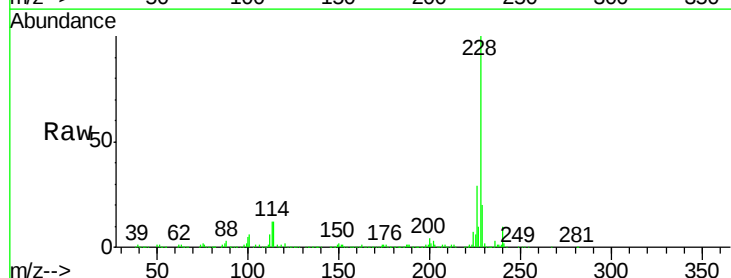
Instrument :
BNA_G
ClientSampleId :
PB107009BS

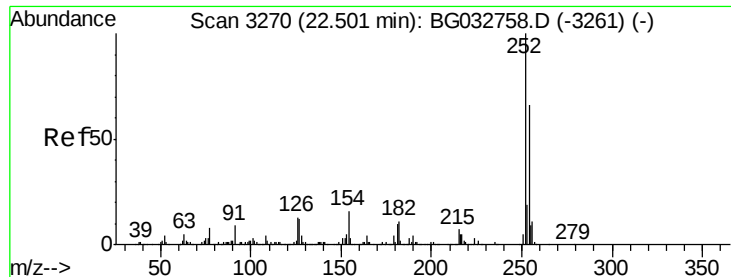
Tot Ion:149 Resp: 421613
Ion Ratio Lower Upper
149 100
91 70.0 62.2 93.2
206 20.3 18.6 27.8



#80
Benzo(a)anthracene
Concen: 35.885 ng
RT: 22.60 min Scan# 3287
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:228 Resp: 791973
Ion Ratio Lower Upper
228 100
226 29.0 22.7 34.1
229 20.5 16.2 24.2

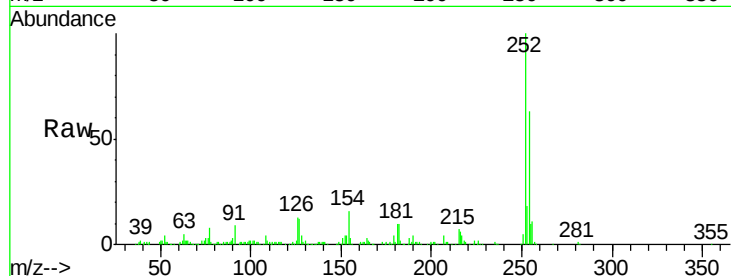




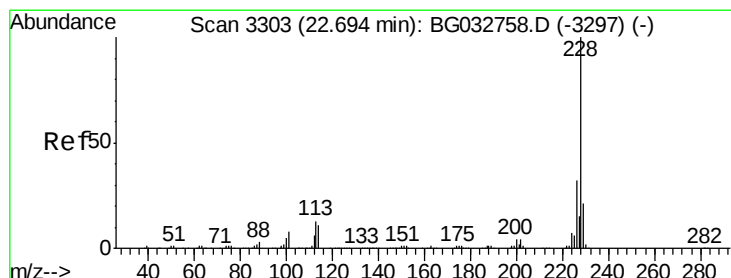
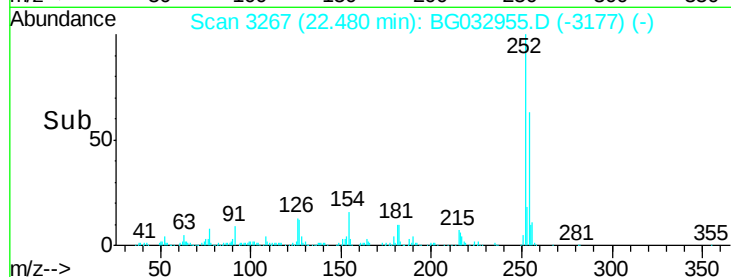
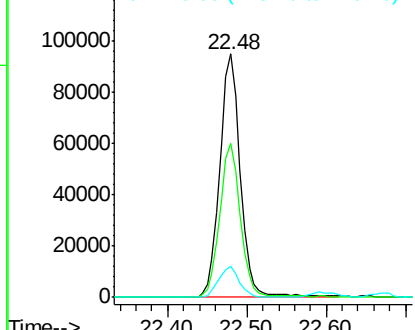
#81
 3,3'-Dichlorobenzidine
 Concen: 20.972 ng
 RT: 22.48 min Scan# 3267
 Delta R.T. 0.00 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

Tot Ion:252 Resp: 171424
 Ion Ratio Lower Upper
 252 100
 254 63.2 50.8 76.2
 126 12.8 7.4 11.2#

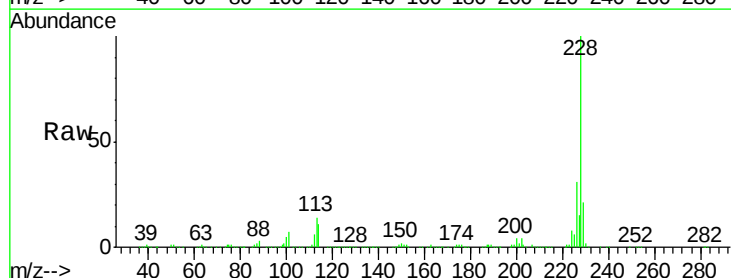


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

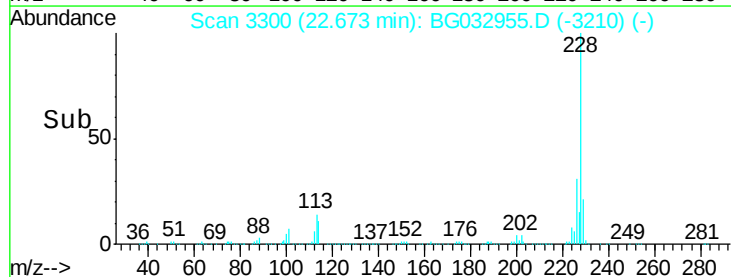
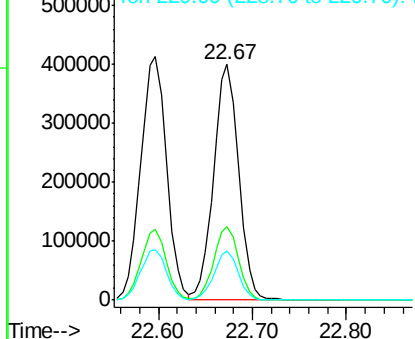


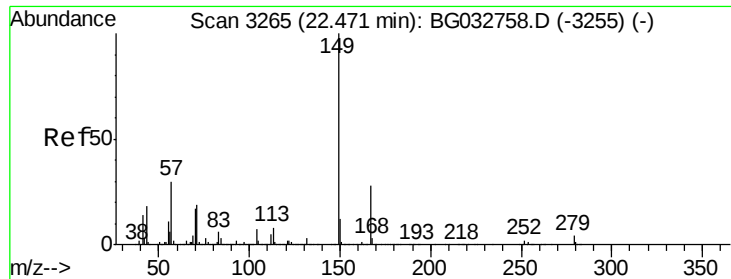
#82
 Chrysene
 Concen: 35.357 ng
 RT: 22.67 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion:228 Resp: 745398
 Ion Ratio Lower Upper
 228 100
 226 30.9 24.9 37.3
 229 20.7 15.0 22.4



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

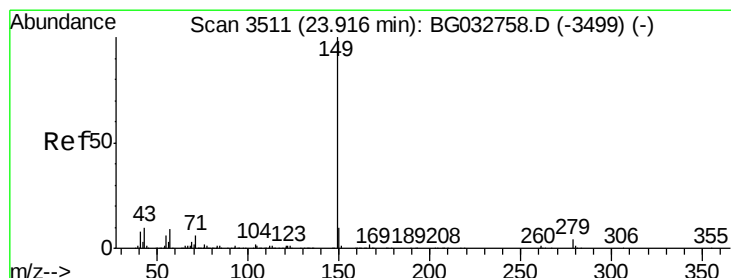
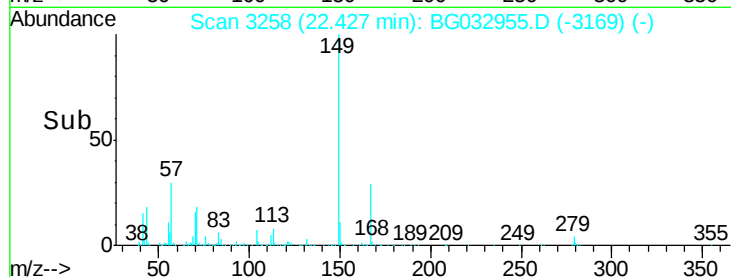
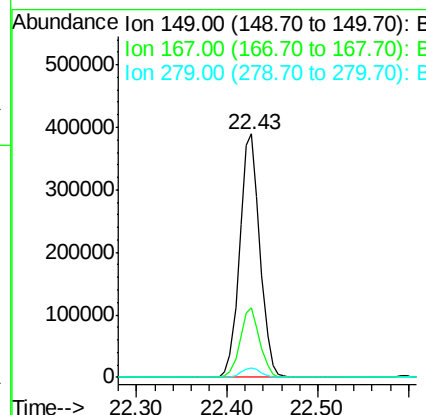
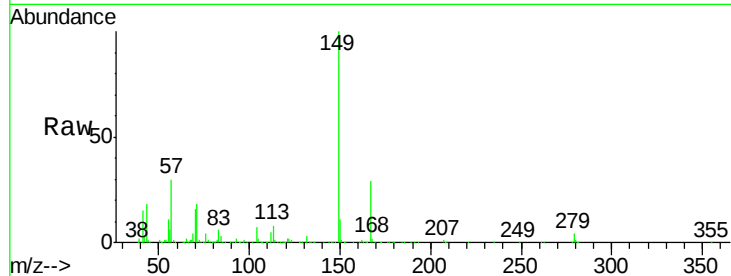




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.951 ng
 RT: 22.43 min Scan# 3258
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

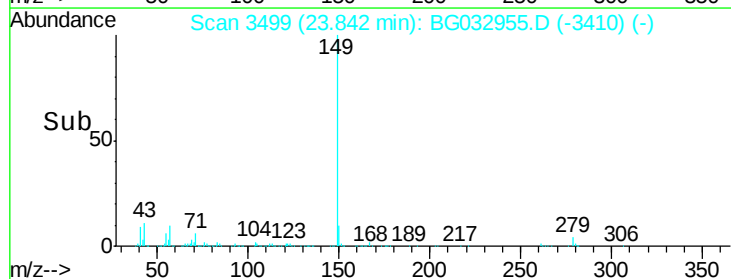
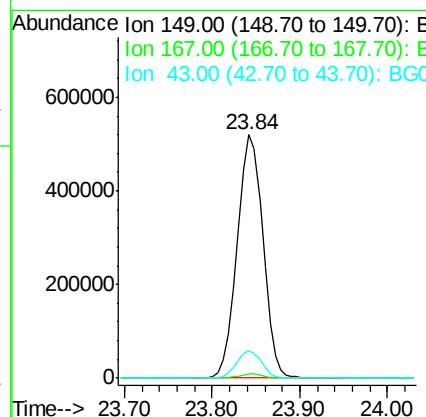
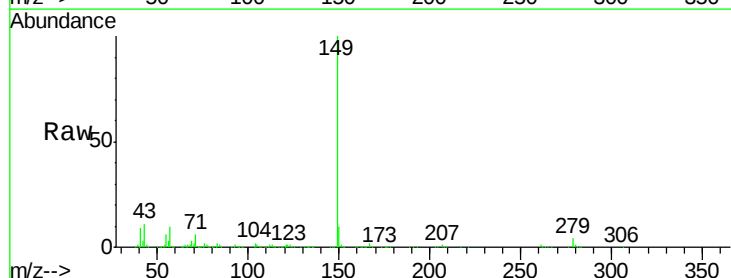
Instrument :
 BNA_G
 ClientSampleId :
 PB107009BS

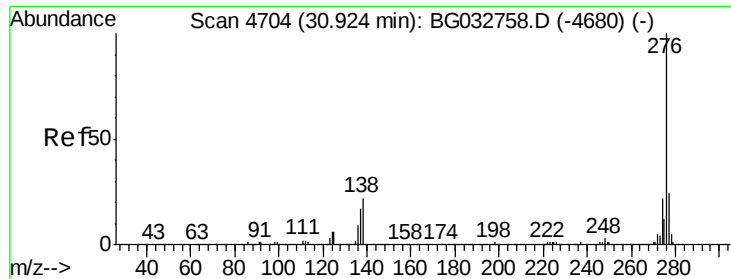
Tot Ion:149 Resp: 604502
 Ion Ratio Lower Upper
 149 100
 167 28.7 24.3 36.5
 279 4.1 4.0 6.0



#84
 Di-n-octyl phthalate
 Concen: 42.779 ng
 RT: 23.84 min Scan# 3499
 Delta R.T. -0.01 min
 Lab File: BG032955.D
 Acq: 2 Mar 2018 21:02

Tgt Ion:149 Resp: 1038644
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.4 2.0
 43 10.9 8.9 13.3

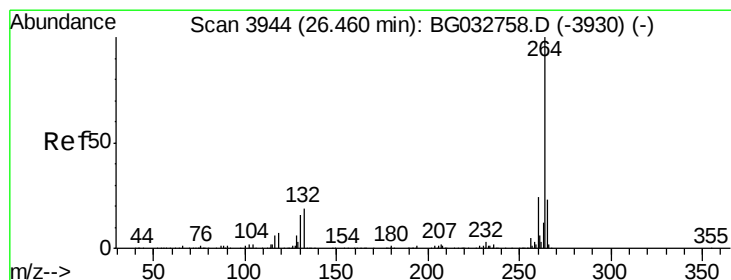
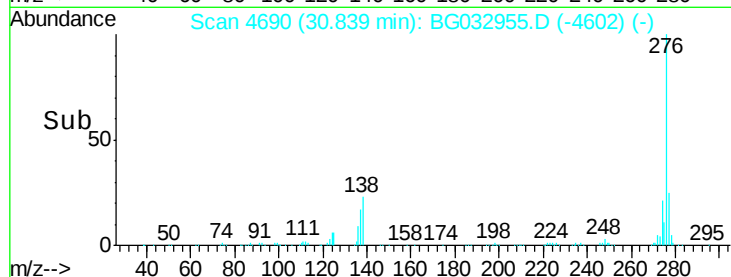
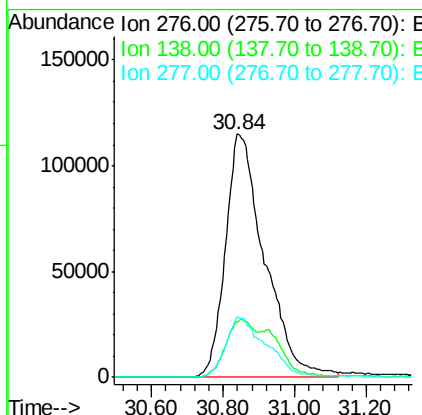
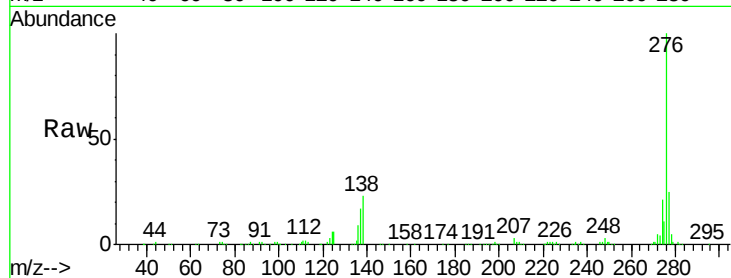




#85
Indeno(1,2,3-cd)pyrene
Concen: 35.482 ng
RT: 30.84 min Scan# 4690
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

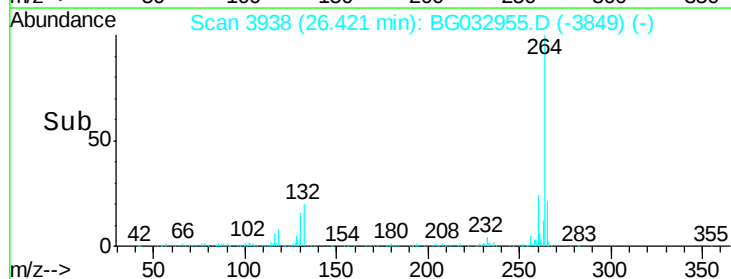
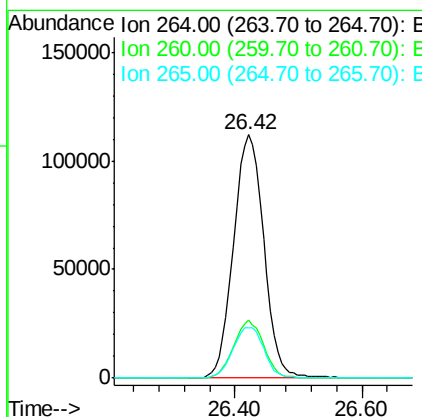
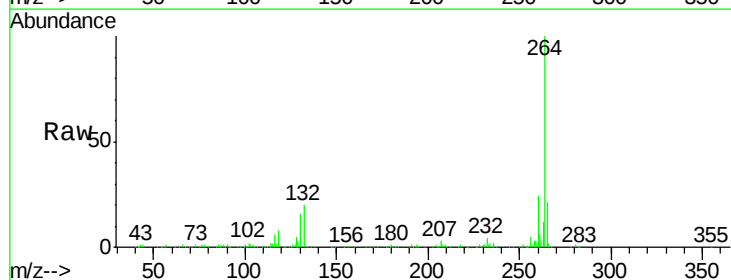
Instrument :
BNA_G
ClientSampleId :
PB107009BS

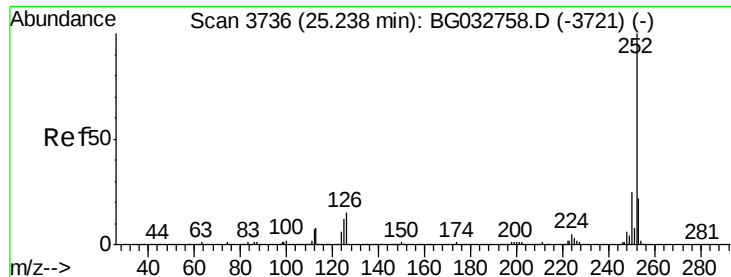
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	16.0	24.0
277	25.7	20.0	30.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 26.42 min Scan# 3938
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	17.4	26.0
265	20.9	17.7	26.5

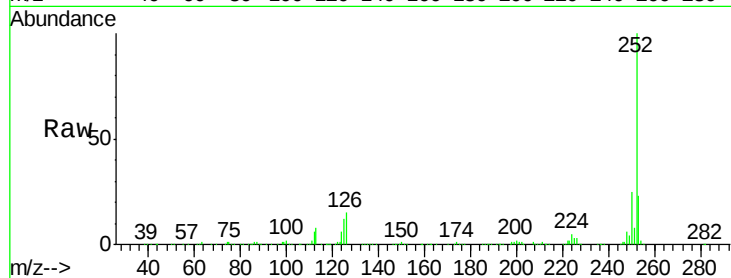




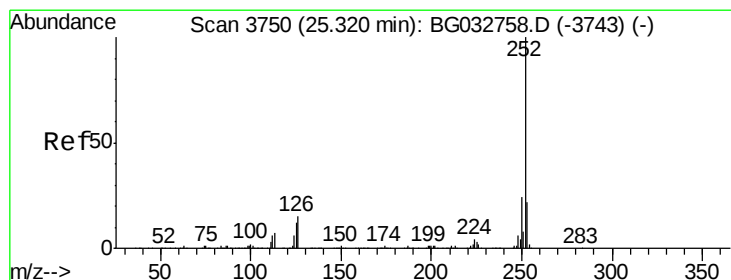
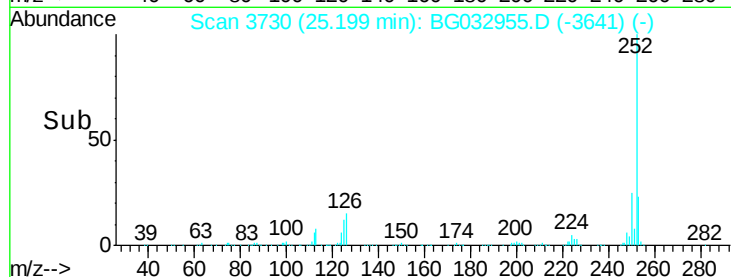
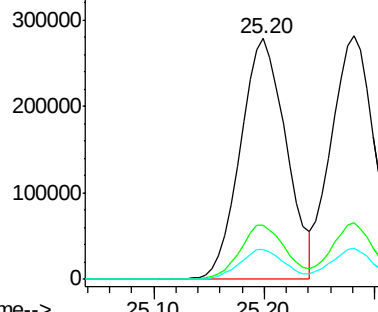
#87
Benzo(b)fluoranthene
Concen: 36.553 ng
RT: 25.20 min Scan# 3730
Delta R.T. -0.01 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Instrument :
BNA_G
ClientSampleId :
PB107009BS

Tot Ion:252 Resp: 800462
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.4
125 12.2 7.2 10.8#

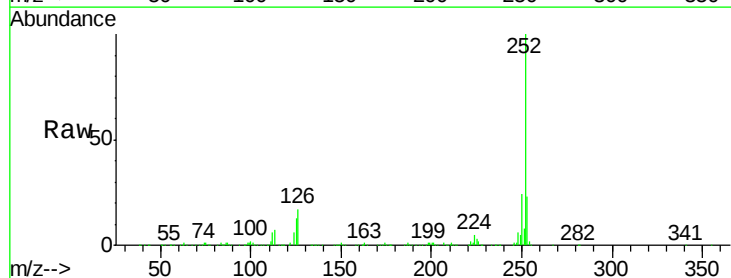


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

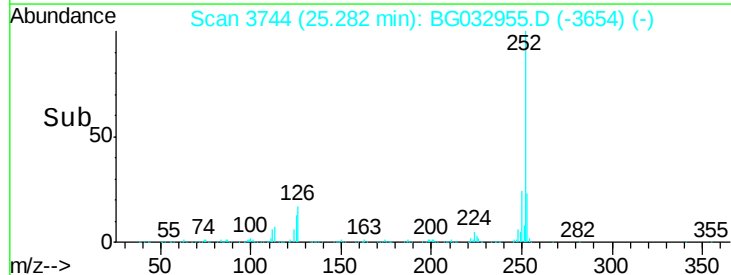
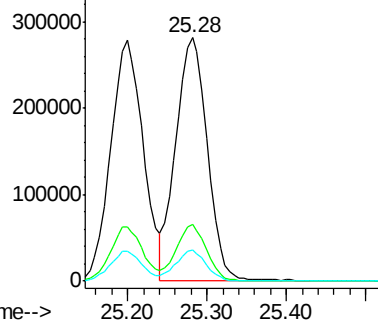


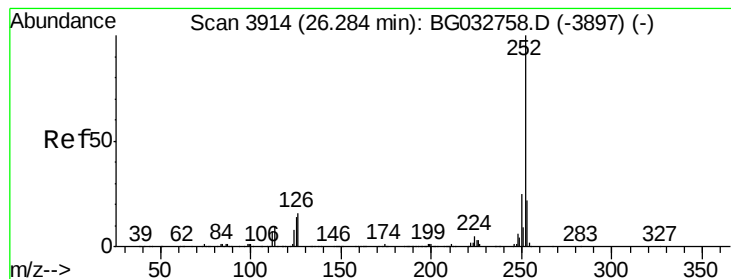
#88
Benzo(k)fluoranthene
Concen: 35.574 ng
RT: 25.28 min Scan# 3744
Delta R.T. 0.00 min
Lab File: BG032955.D
Acq: 2 Mar 2018 21:02

Tgt Ion:252 Resp: 774227
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 12.8 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: 37.198 ng

RT: 26.25 min Scan# 3908

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

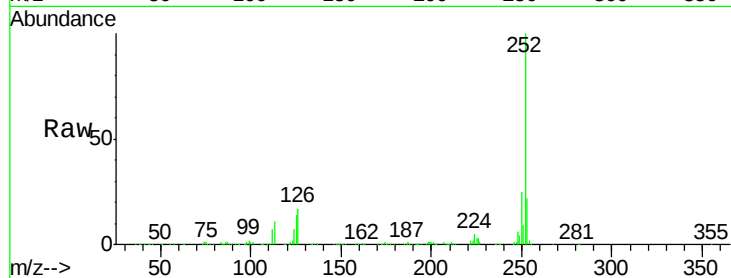
Tot Ion:252 Resp: 774786

Ion Ratio Lower Upper

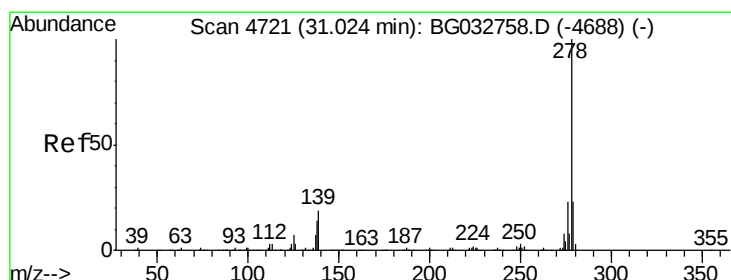
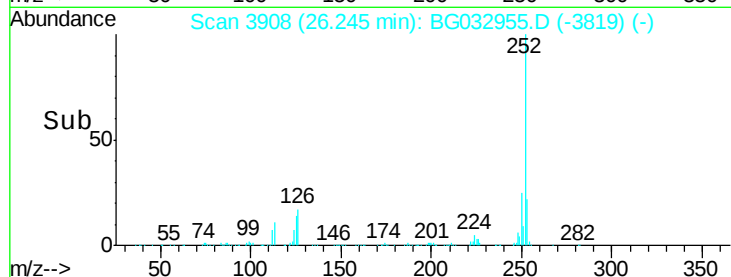
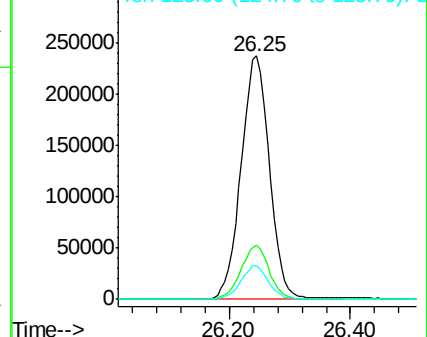
252 100

253 22.4 18.3 27.5

125 13.6 7.3 10.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 33.953 ng

RT: 30.94 min Scan# 4707

Delta R.T. 0.00 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

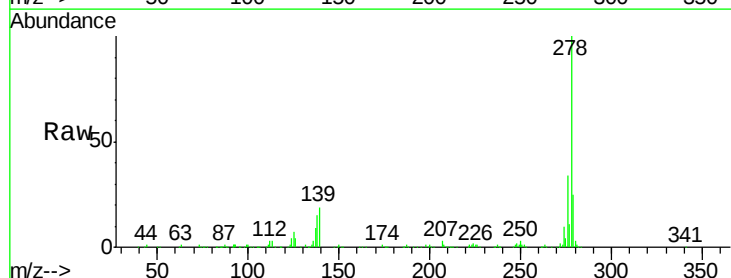
Tgt Ion:278 Resp: 711830

Ion Ratio Lower Upper

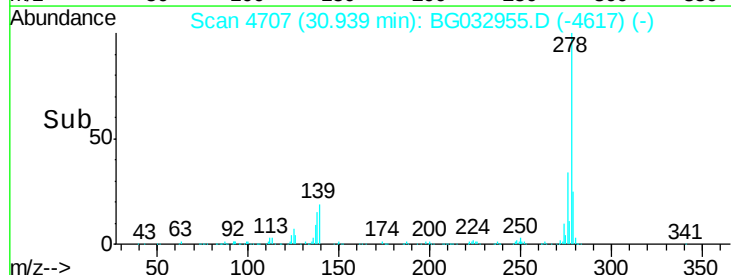
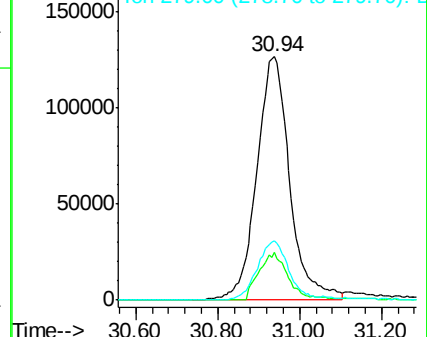
278 100

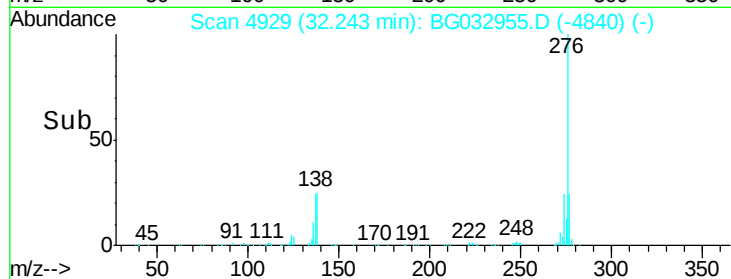
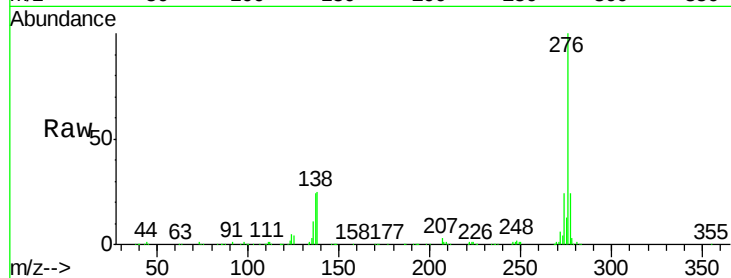
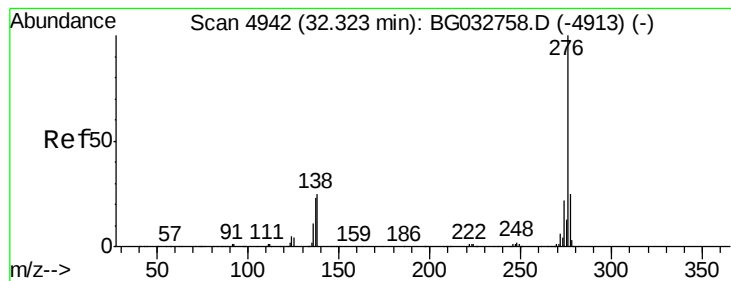
139 19.4 9.8 14.6#

279 24.6 18.4 27.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 35.568 ng

RT: 32.24 min Scan# 4929

Delta R.T. -0.01 min

Lab File: BG032955.D

Acq: 2 Mar 2018 21:02

Instrument :

BNA_G

ClientSampleId :

PB107009BS

Tot Ion:276 Resp: 735089

Ion Ratio Lower Upper

276 100

277 23.8 18.3 27.5

138 25.3 13.9 20.9#

