

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111318\
 Data File : BG037995.D
 Acq On : 14 Nov 2018 2:31
 Operator : JU/SJ
 Sample : PB114774BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Quant Time: Nov 14 03:17:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	45948	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	201997	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	127016	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	300861	20.00	ng	0.00
76) Chrysene-d12	21.75	240	282739	20.00	ng	0.00
87) Perylene-d12	25.07	264	304588	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	354359	133.16	ng	0.00
7) Phenol-d6	7.24	99	488447	128.58	ng	0.00
23) Nitrobenzene-d5	9.26	82	288533	76.46	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170816	117.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	665588	76.34	ng	0.00
79) Terphenyl-d14	20.07	244	1040692	86.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	43355	34.491	ng	96
3) Pyridine	3.92	79	126245	35.208	ng	100
4) n-Nitrosodimethylamine	3.84	42	57800	44.431	ng	91
6) Aniline	7.41	93	98972	20.187	ng	98
8) 2-Chlorophenol	7.65	128	143279	46.400	ng	99
9) Benzaldehyde	7.23	77	83177	30.277	ng	98
10) Phenol	7.26	94	190806	47.420	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	134531	40.954	ng	94
12) 1,3-Dichlorobenzene	7.97	146	141822	39.867	ng	97
13) 1,4-Dichlorobenzene	8.12	146	144317	40.161	ng	99
14) 1,2-Dichlorobenzene	8.44	146	135341	39.448	ng	98
15) Benzyl Alcohol	8.33	79	123563	44.952	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	252682	41.425	ng	98
17) 2-Methylphenol	8.52	107	127806	46.981	ng	99
18) Hexachloroethane	9.17	117	51248	39.186	ng	91
19) n-Nitroso-di-n-propylamine	8.89	70	107310	39.040	ng	99
20) 3+4-Methylphenols	8.85	107	176402	45.743	ng	99
22) Acetophenone	8.92	105	203601	40.511	ng	# 99
24) Nitrobenzene	9.31	77	161755	41.904	ng	96
25) Isophorone	9.82	82	307300	45.245	ng	97
26) 2-Nitrophenol	10.02	139	77817	40.381	ng	98
27) 2,4-Dimethylphenol	10.06	122	148425	51.119	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	191923	44.191	ng	98
29) 2,4-Dichlorophenol	10.54	162	147907	45.288	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	147054	40.182	ng	98
31) Naphthalene	10.95	128	436958	43.981	ng	99
32) Benzoic acid	10.17	122	46554	30.836	ng	95
33) 4-Chloroaniline	11.07	127	52954	11.458	ng	98
34) Hexachlorobutadiene	11.22	225	85338	37.888	ng	95
35) Caprolactam	11.85	113	30032	22.974	ng	90
36) 4-Chloro-3-methylphenol	12.17	107	160004	44.844	ng	99
37) 2-Methylnaphthalene	12.55	142	325105	45.555	ng	100
38) 1-Methylnaphthalene	12.78	142	308994	44.981	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	163782	38.589	ng	98

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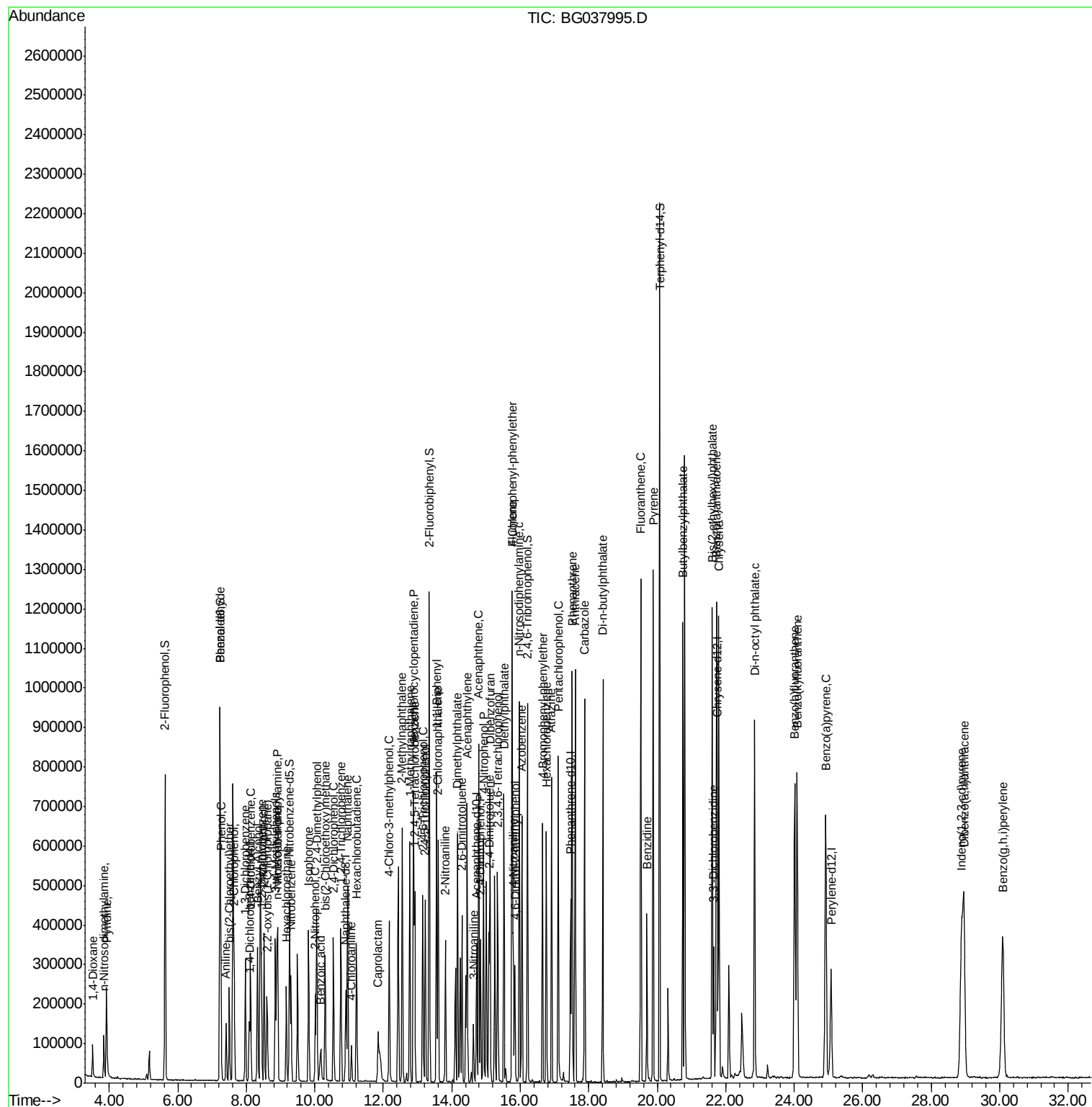
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	218036	95.936	ng	99
43) 2,4,6-Trichlorophenol	13.15	196	121649	42.061	ng	99
44) 2,4,5-Trichlorophenol	13.22	196	131960	43.363	ng	97
46) 1,1'-Biphenyl	13.56	154	416870	39.067	ng	99
47) 2-Chloronaphthalene	13.60	162	329401	40.454	ng	98
48) 2-Nitroaniline	13.81	65	110840	43.251	ng	98
49) Acenaphthylene	14.45	152	546392	44.622	ng	99
50) Dimethylphthalate	14.17	163	433054	43.006	ng	99
51) 2,6-Dinitrotoluene	14.30	165	100251	43.989	ng	93
52) Acenaphthene	14.79	154	318564	43.215	ng	97
53) 3-Nitroaniline	14.63	138	39121	15.556	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	89492	73.599	ng	94
55) Dibenzofuran	15.12	168	511486	41.962	ng	99
56) 4-Nitrophenol	14.93	139	174954	90.204	ng	98
57) 2,4-Dinitrotoluene	15.09	165	139740	45.066	ng	# 94
58) Fluorene	15.77	166	414523	45.578	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	117478	46.135	ng	97
60) Diethylphthalate	15.53	149	448488	41.933	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	215164	40.432	ng	99
62) 4-Nitroaniline	15.80	138	108633	43.484	ng	96
63) Azobenzene	16.05	77	411807	43.063	ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	73902	38.835	ng	97
66) n-Nitrosodiphenylamine	15.97	169	381738	41.941	ng	99
67) 4-Bromophenyl-phenylether	16.65	248	133852	40.534	ng	94
68) Hexachlorobenzene	16.76	284	138043	40.499	ng	99
69) Atrazine	16.91	200	143349	42.724	ng	98
70) Pentachlorophenol	17.11	266	163141	70.473	ng	96
71) Phenanthrene	17.51	178	701320	45.529	ng	100
72) Anthracene	17.61	178	705159	46.441	ng	98
73) Carbazole	17.88	167	660751	43.373	ng	100
74) Di-n-butylphthalate	18.41	149	770719	45.069	ng	99
75) Fluoranthene	19.52	202	830517	47.257	ng	98
77) Benzidine	19.70	184	268013	27.014	ng	99
78) Pyrene	19.88	202	841891	45.543	ng	99
80) Butylbenzylphthalate	20.75	149	360678	44.616	ng	99
81) Benzo(a)anthracene	21.73	228	793741	46.455	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	124998	18.781	ng	99
83) Chrysene	21.80	228	736344	45.042	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	507886	44.054	ng	98
85) Di-n-octyl phthalate	22.84	149	875788	46.956	ng	98
86) Indeno(1,2,3-cd)pyrene	28.89	276	887388	48.874	ng	99
88) Benzo(b)fluoranthene	24.01	252	778851	46.466	ng	99
89) Benzo(k)fluoranthene	24.08	252	761094	46.017	ng	98
90) Benzo(a)pyrene	24.92	252	767127	47.889	ng	98
91) Dibenzo(a,h)anthracene	28.95	278	735681	47.732	ng	96
92) Benzo(g,h,i)perylene	30.09	276	731912	47.759	ng	100

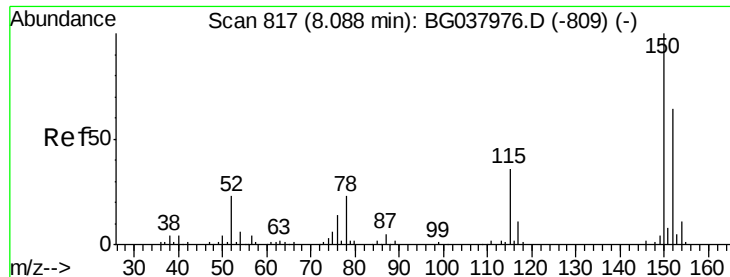
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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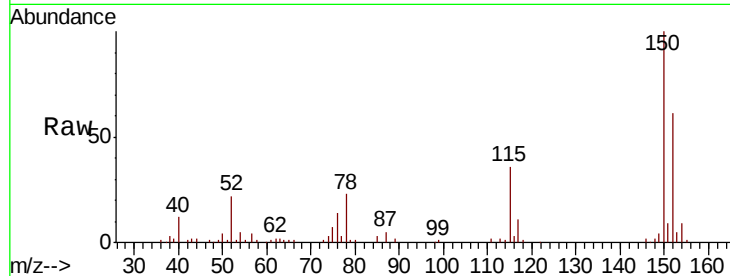


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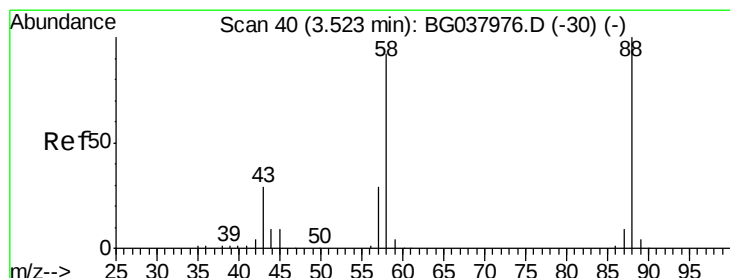
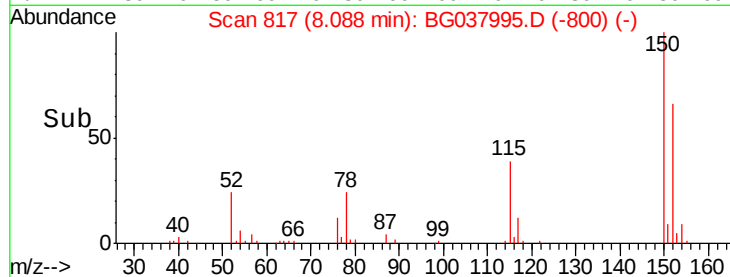
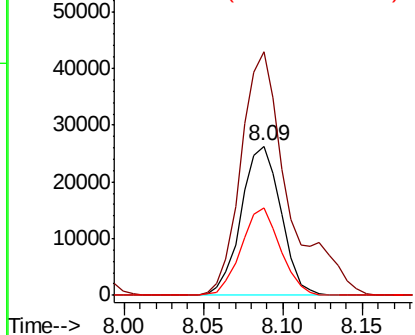
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion:152 Resp: 45948
Ion Ratio Lower Upper
152 100
150 163.4 126.0 189.0
115 58.5 45.5 68.3



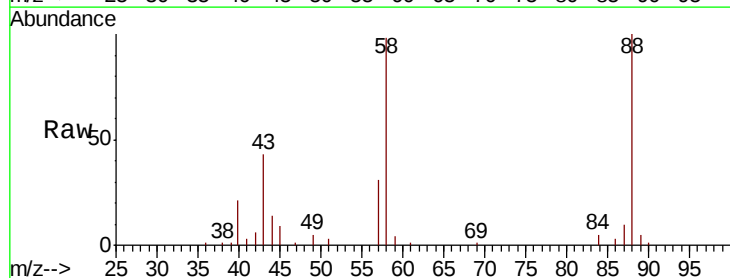
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



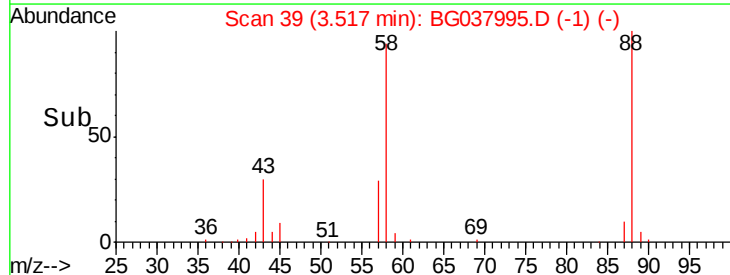
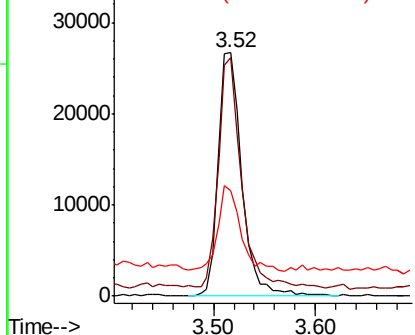
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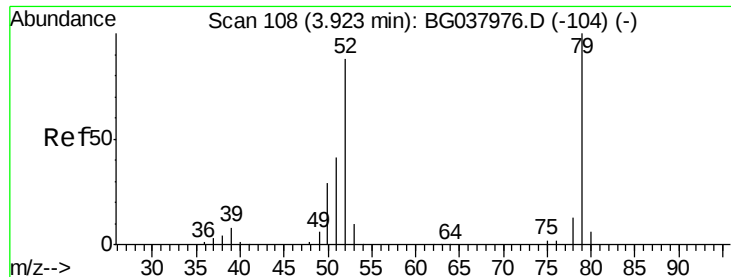
1,4-Dioxane
Concen: 34.491 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 88 Resp: 43355
Ion Ratio Lower Upper
88 100
58 89.0 74.4 111.6
43 34.3 25.8 38.8



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

Pyridine

Concen: 35.208 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

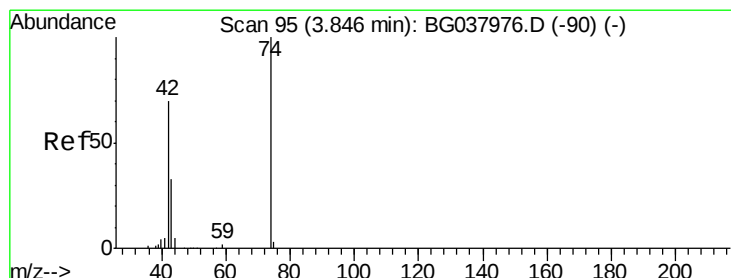
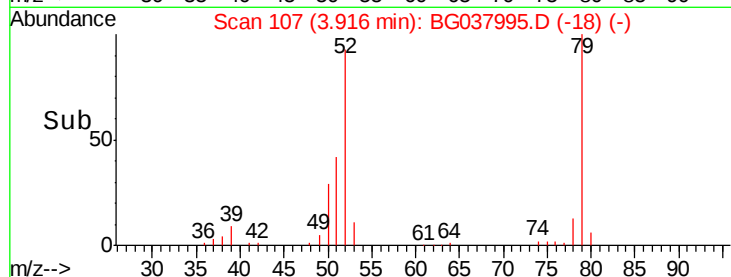
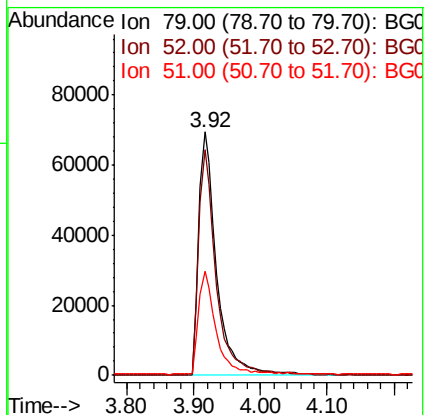
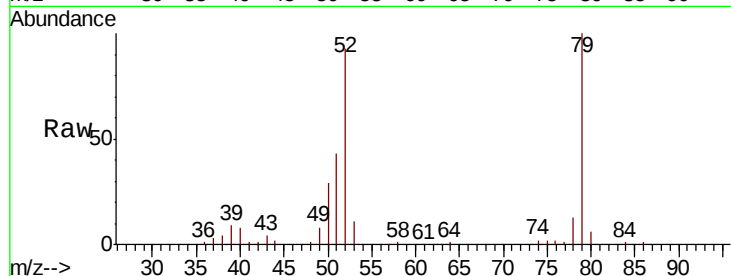
Tgt Ion: 79 Resp: 126245

Ion Ratio Lower Upper

79 100

52 92.7 74.2 111.2

51 42.9 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 44.431 ng

RT: 3.84 min Scan# 94

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

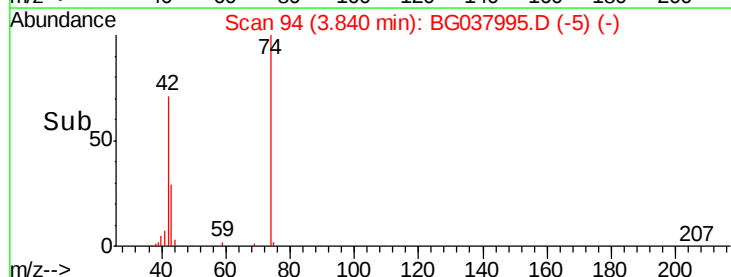
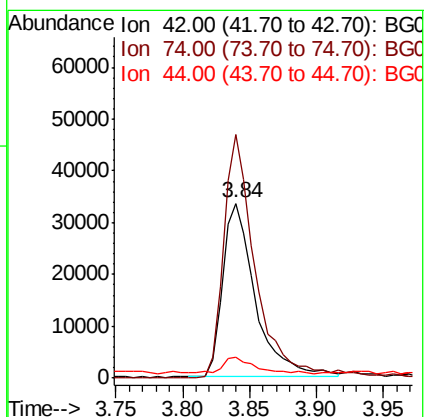
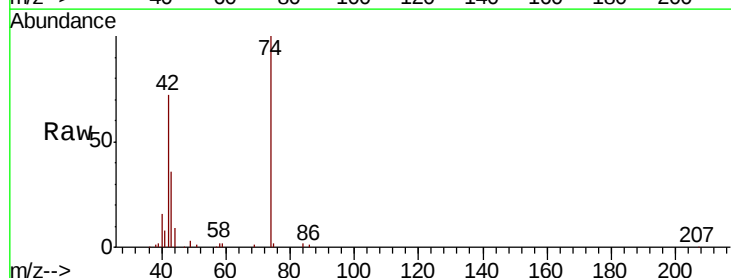
Tgt Ion: 42 Resp: 57800

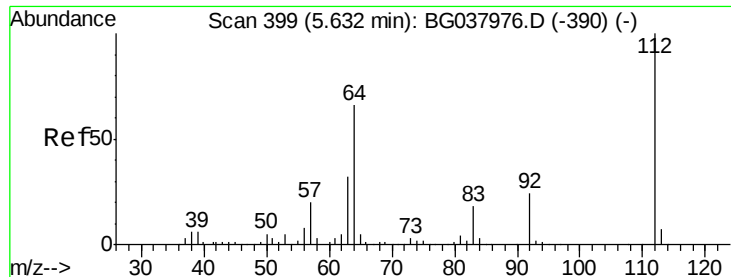
Ion Ratio Lower Upper

42 100

74 139.3 102.0 153.0

44 11.8 9.6 14.4





#5

2-Fluorophenol

Concen: 133.156 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

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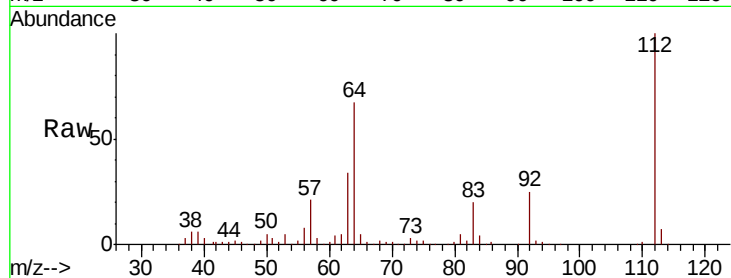
Tgt Ion: 112 Resp: 354359

Ion Ratio Lower Upper

112 100

64 66.7 53.1 79.7

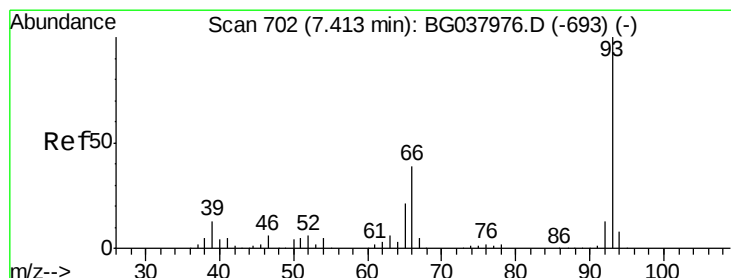
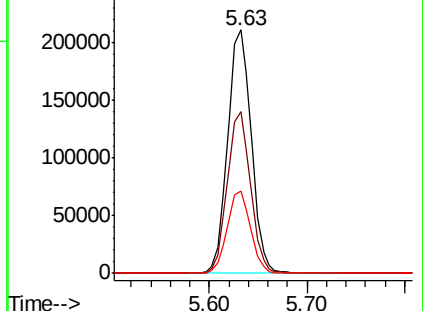
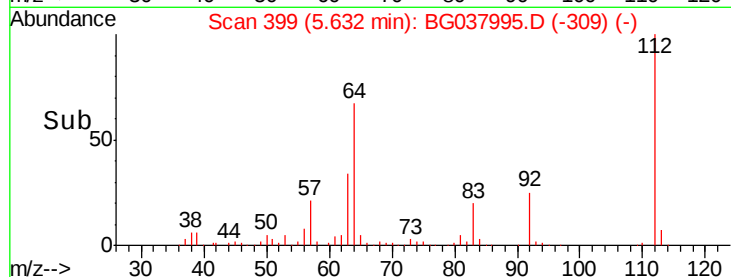
63 34.0 27.3 40.9



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: 20.187 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

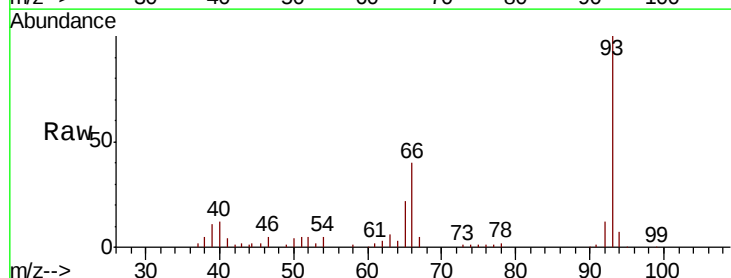
Tgt Ion: 93 Resp: 98972

Ion Ratio Lower Upper

93 100

66 40.0 32.8 49.2

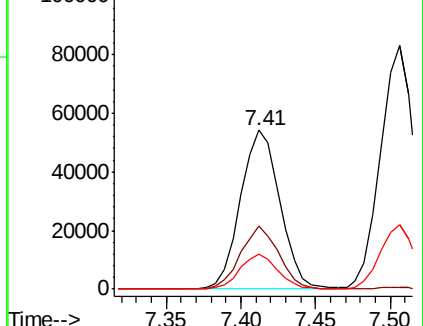
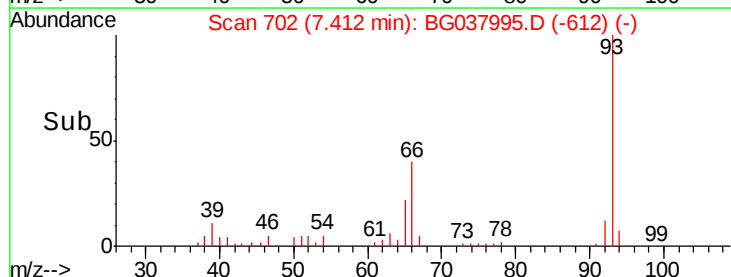
65 22.2 16.4 24.6

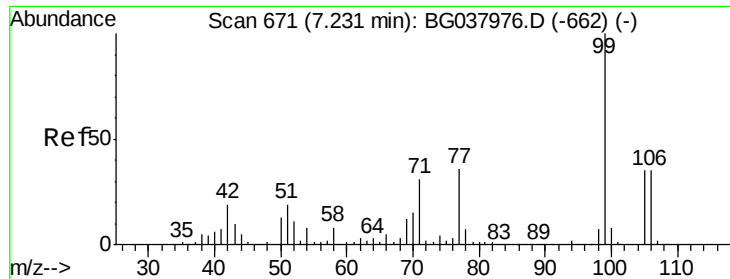


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.581 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG037995.D

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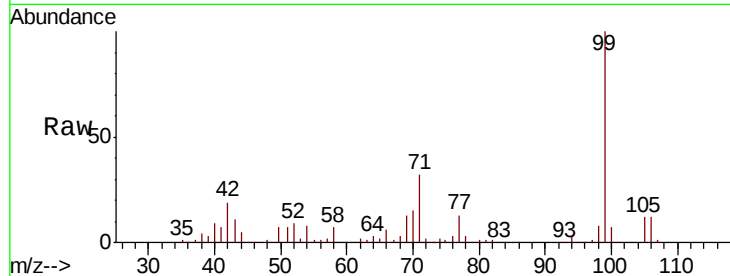
Tgt Ion: 99 Resp: 488447

Ion Ratio Lower Upper

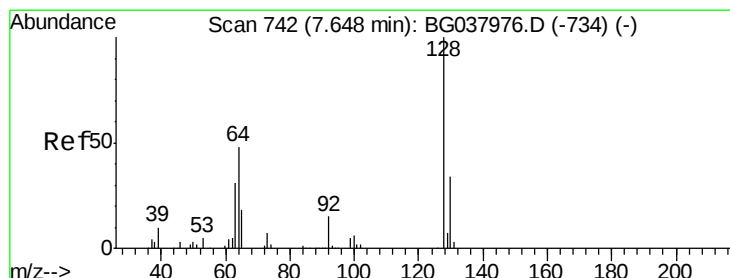
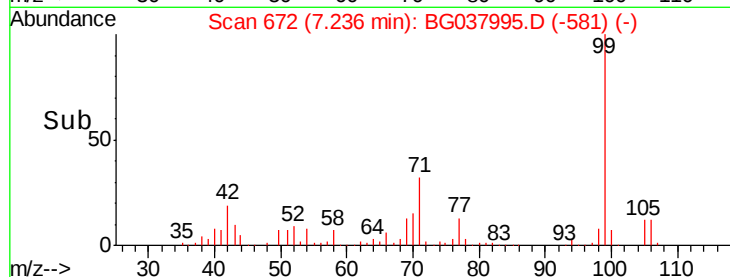
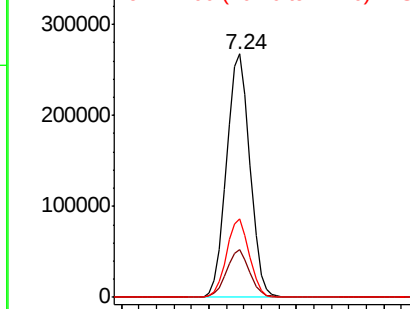
99 100

42 19.4 15.0 22.4

71 32.4 25.5 38.3



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: 46.400 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

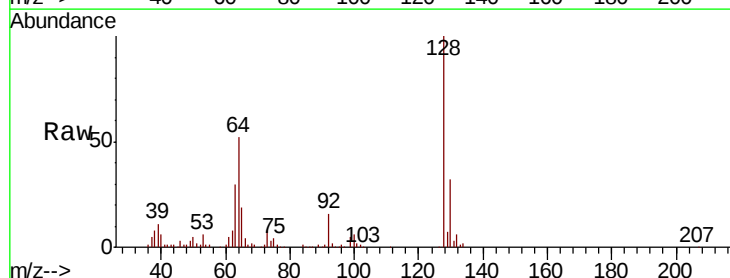
Tgt Ion:128 Resp: 143279

Ion Ratio Lower Upper

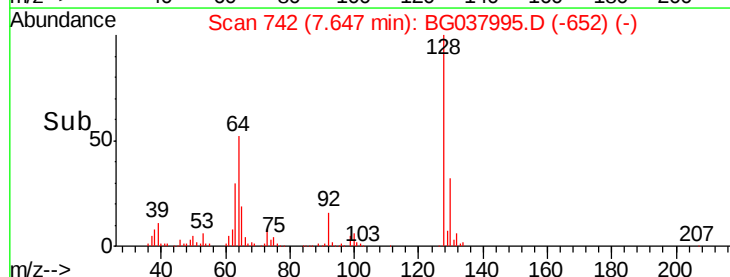
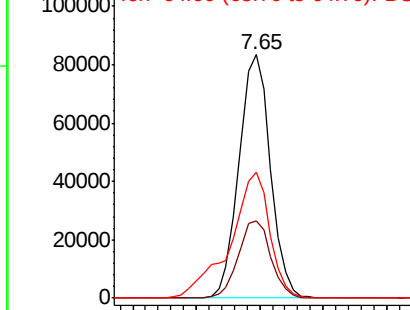
128 100

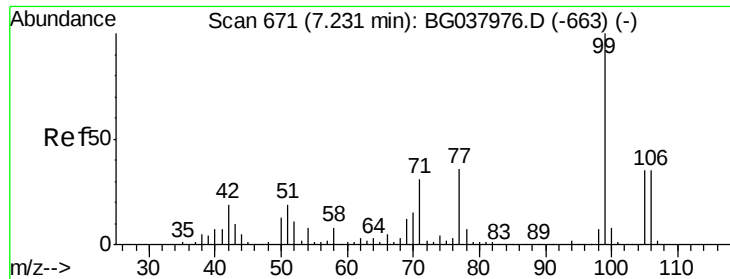
130 31.7 12.0 52.0

64 51.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 30.277 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

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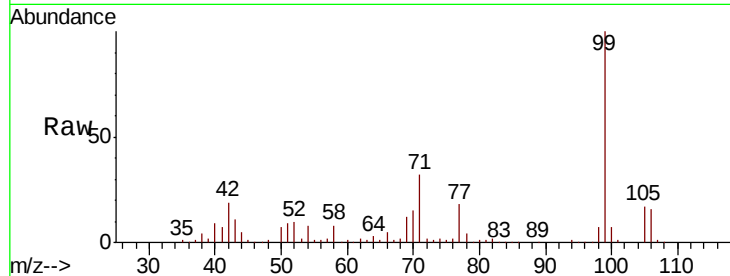
Tgt Ion: 77 Resp: 83177

Ion Ratio Lower Upper

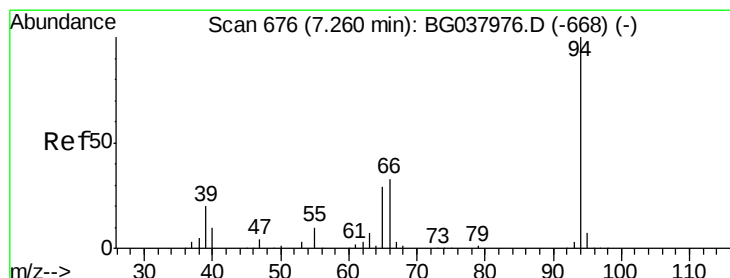
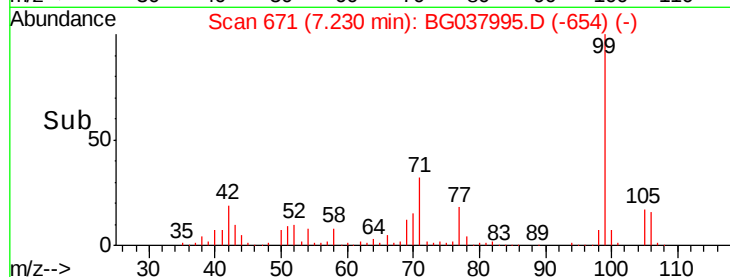
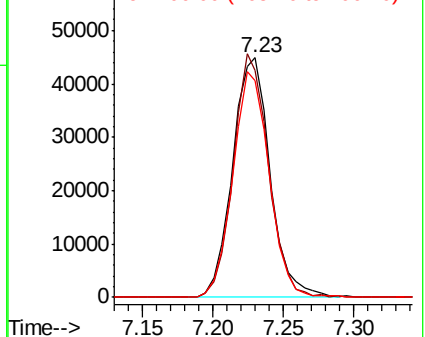
77 100

105 94.9 72.6 112.6

106 90.4 71.3 111.3



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: 47.420 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

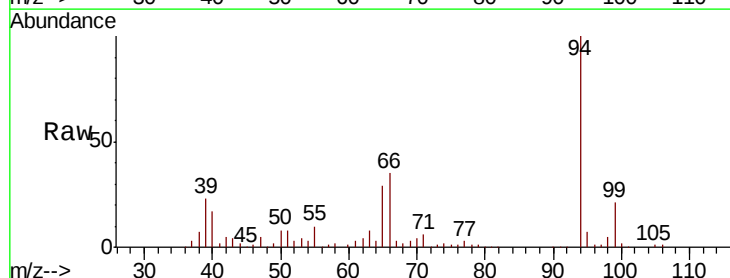
Tgt Ion: 94 Resp: 190806

Ion Ratio Lower Upper

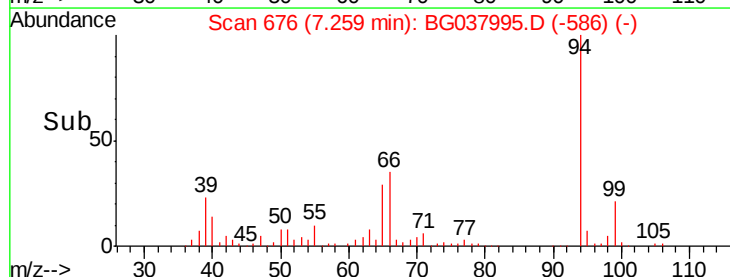
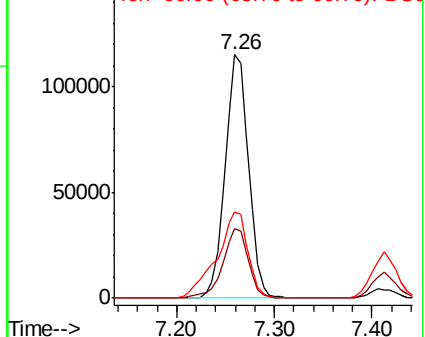
94 100

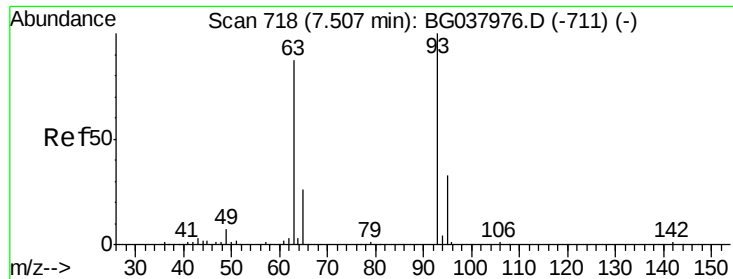
65 28.7 9.7 49.7

66 35.3 15.9 55.9



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



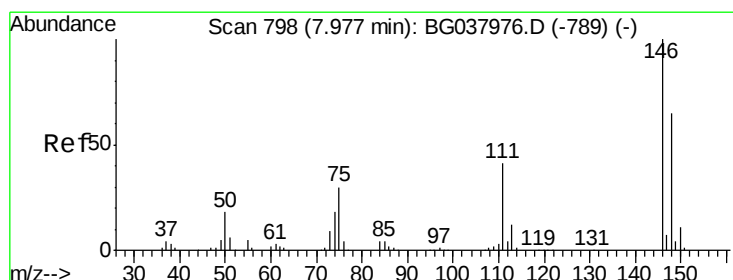
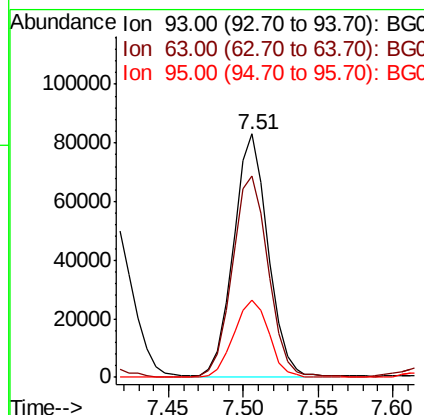
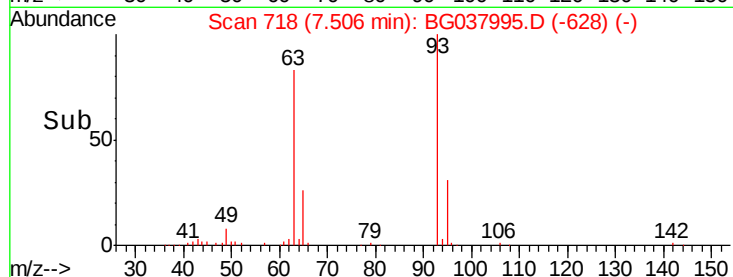
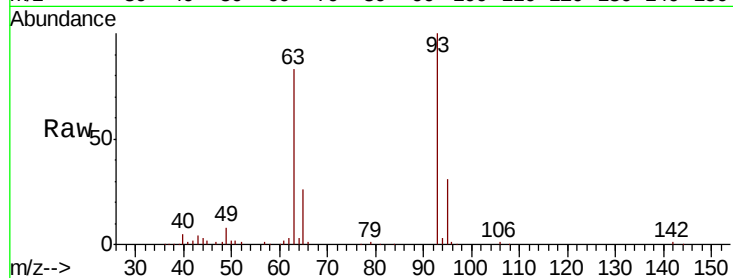


#11
bis(2-Chloroethyl)ether
Concen: 40.954 ng
RT: 7.51 min Scan# 718
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion: 93 Resp: 134531

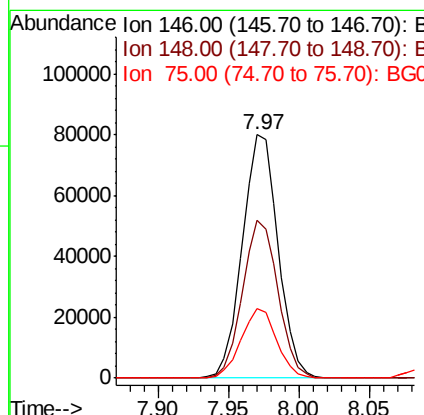
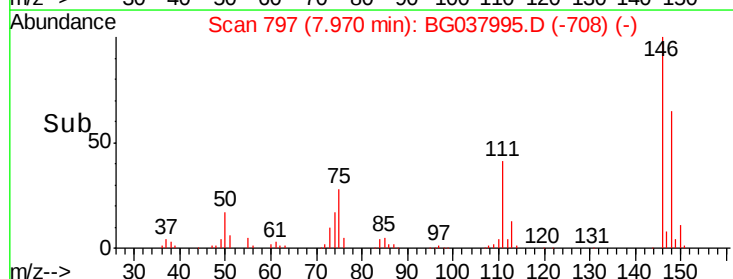
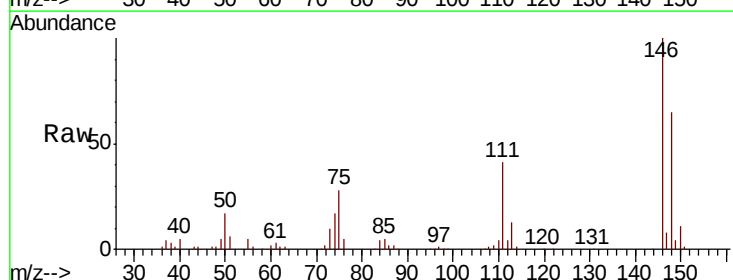
Ion	Ratio	Lower	Upper
93	100		
63	82.6	69.5	109.5
95	31.5	12.6	52.6

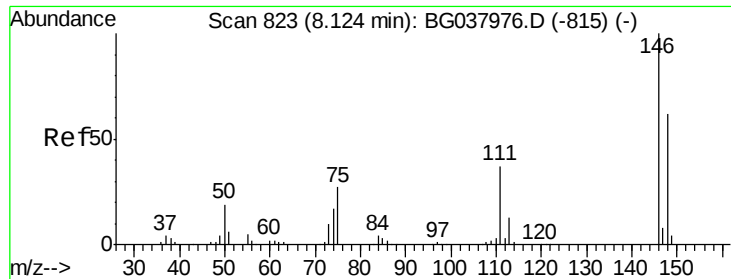


#12
1,3-Dichlorobenzene
Concen: 39.867 ng
RT: 7.97 min Scan# 797
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 146 Resp: 141822

Ion	Ratio	Lower	Upper
146	100		
148	64.9	49.8	74.8
75	28.4	23.2	34.8

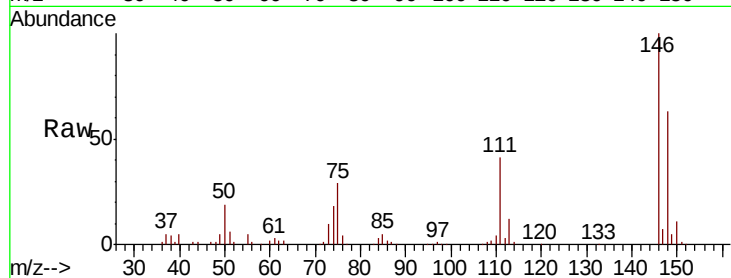




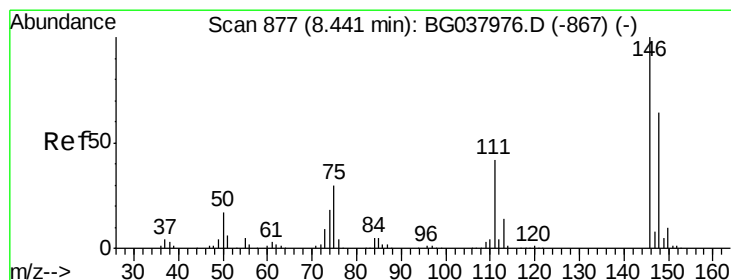
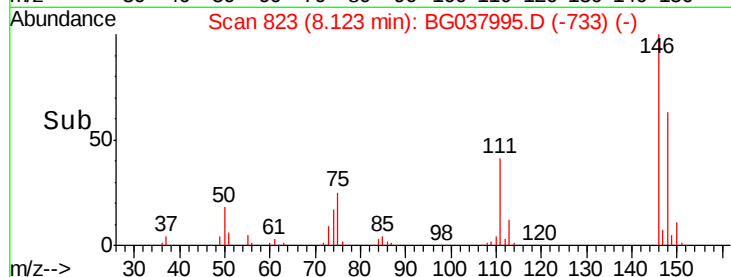
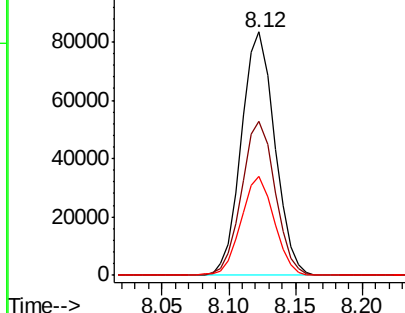
#13
 1,4-Dichlorobenzene
 Concen: 40.161 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion:146 Resp: 144317
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 40.7 32.4 48.6

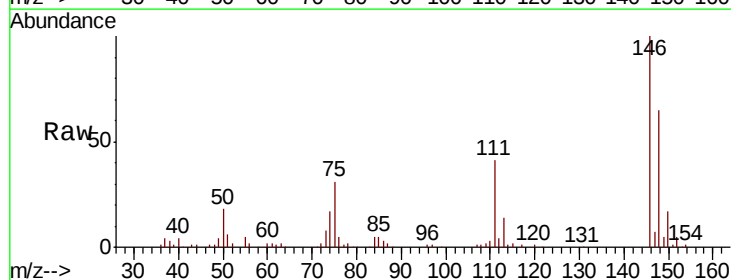


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

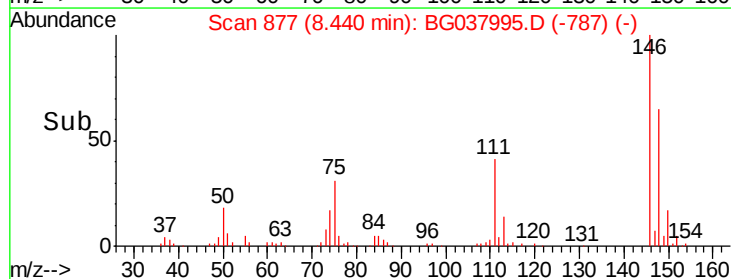
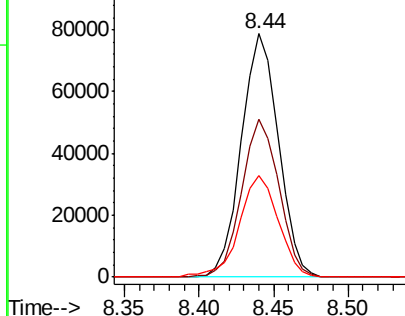


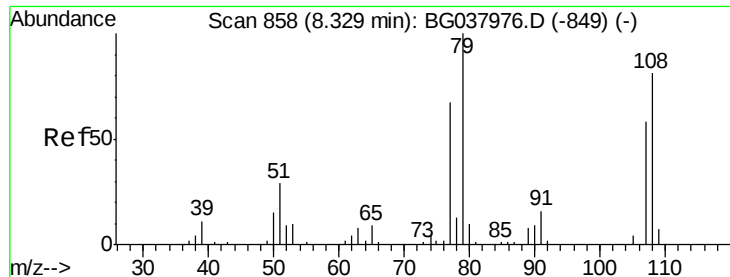
#14
 1,2-Dichlorobenzene
 Concen: 39.448 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion:146 Resp: 135341
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 41.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 44.952 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

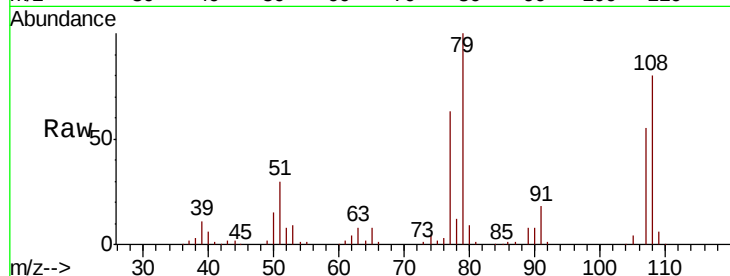
Tgt Ion: 79 Resp: 123563

Ion Ratio Lower Upper

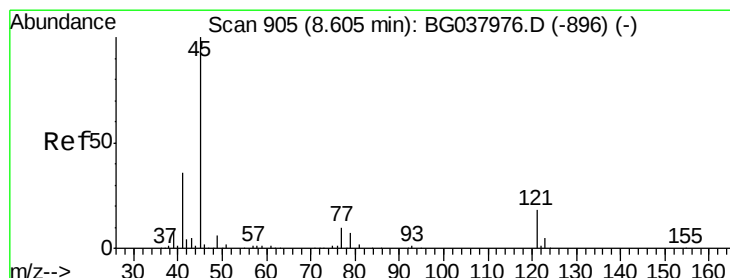
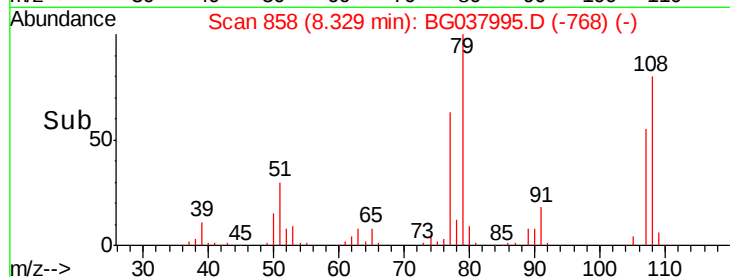
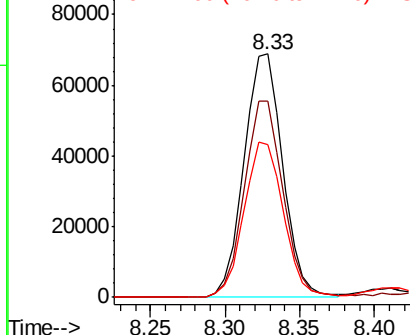
79 100

108 80.4 65.8 98.8

77 62.9 52.9 79.3



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: 41.425 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

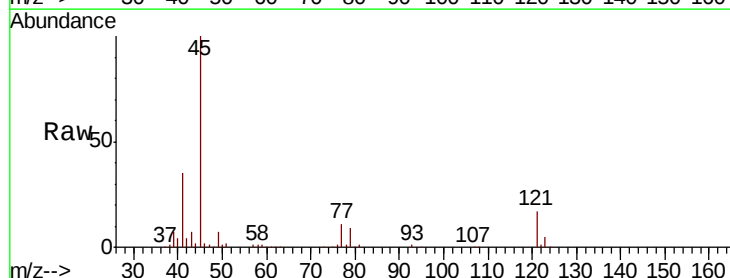
Tgt Ion: 45 Resp: 252682

Ion Ratio Lower Upper

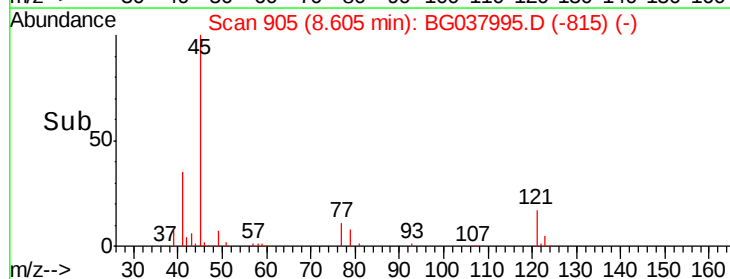
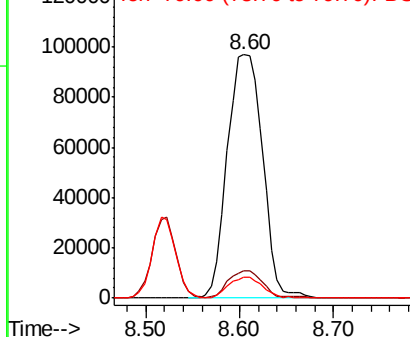
45 100

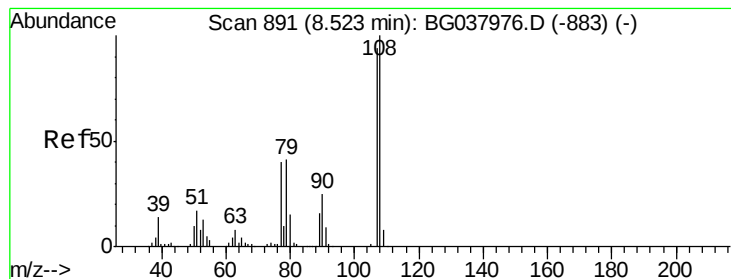
77 11.2 0.0 30.0

79 8.7 0.0 29.0



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: 46.981 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

Tgt Ion:107 Resp: 127806

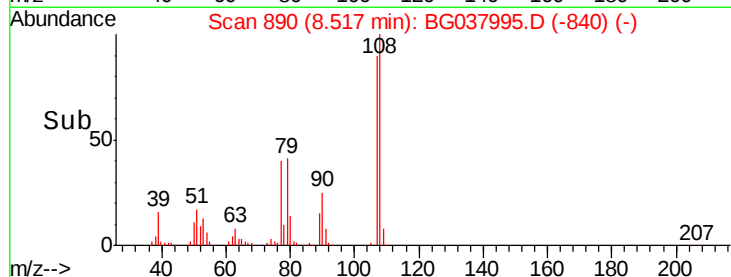
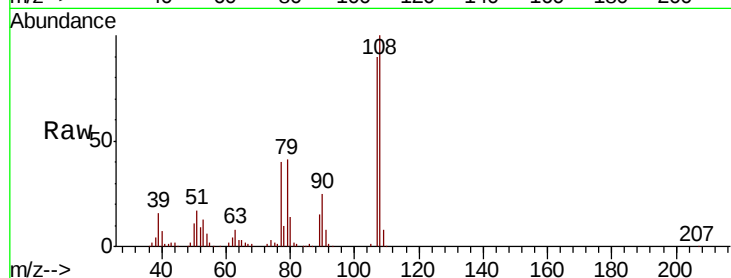
Ion Ratio Lower Upper

107 100

108 110.9 87.9 131.9

77 43.9 35.1 52.7

79 45.7 34.5 51.7

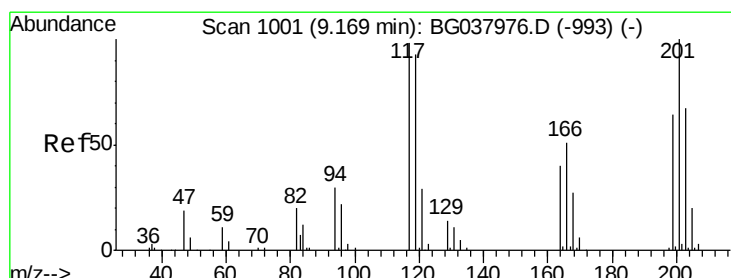
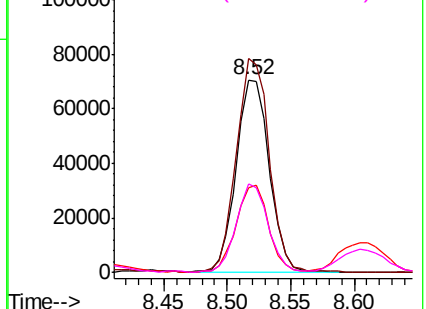


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.186 ng

RT: 9.17 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

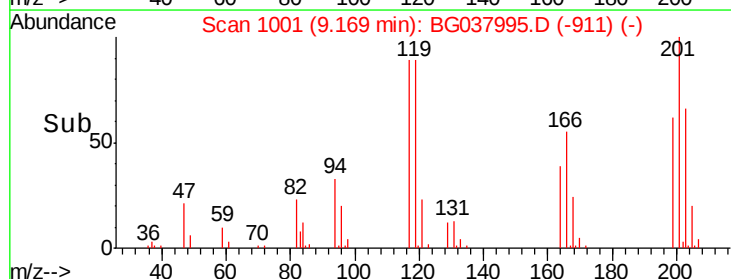
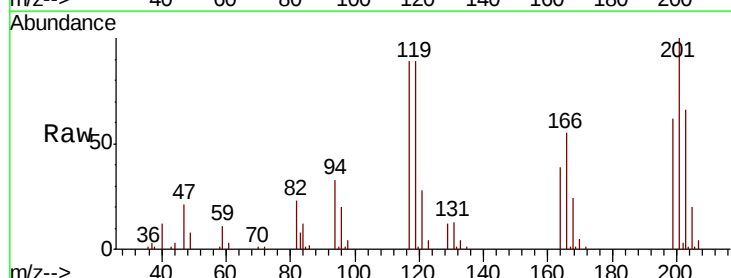
Tgt Ion:117 Resp: 51248

Ion Ratio Lower Upper

117 100

119 99.5 74.6 111.8

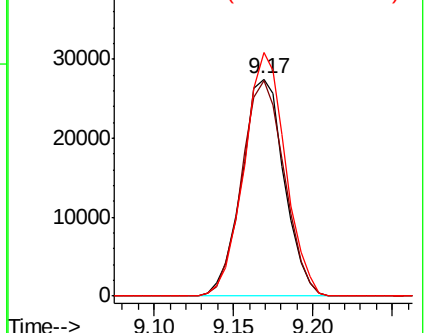
201 112.3 80.8 121.2

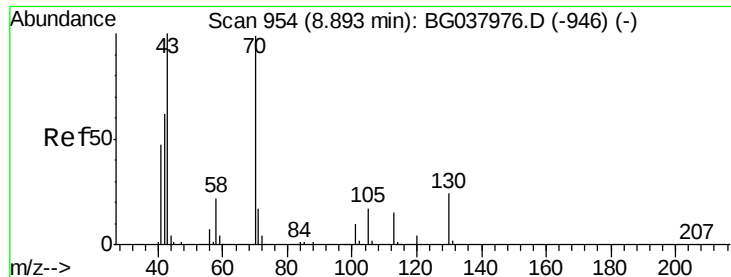


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

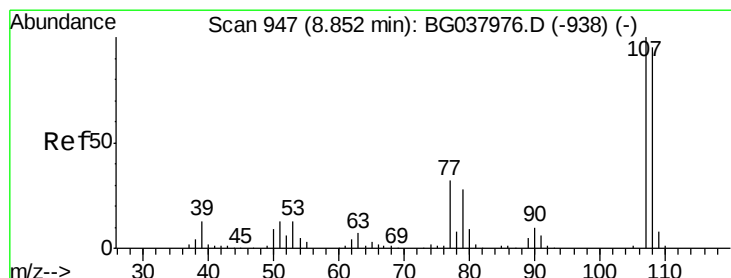
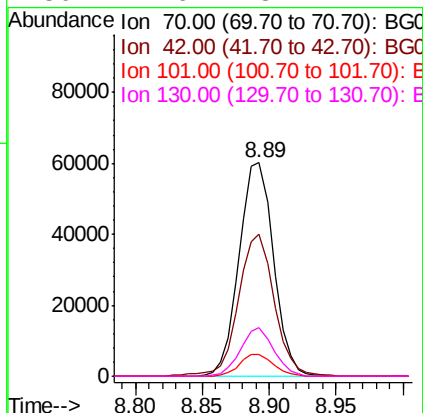
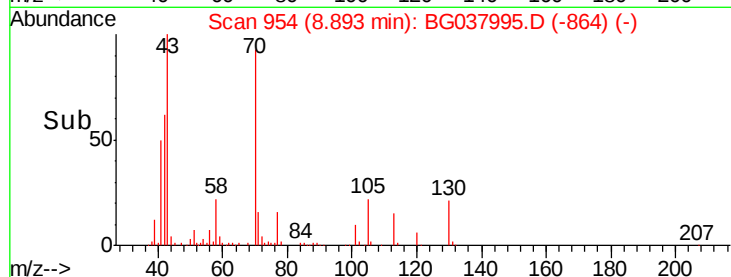
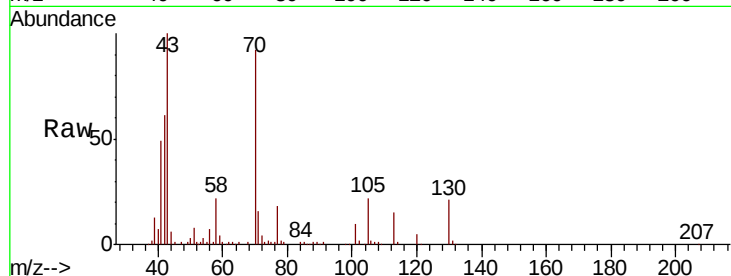




#19
n-Nitroso-di-n-propylamine
Concen: 39.040 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

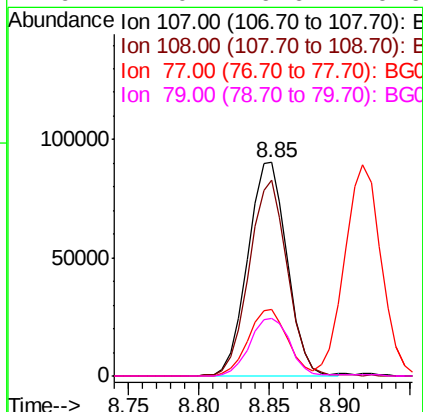
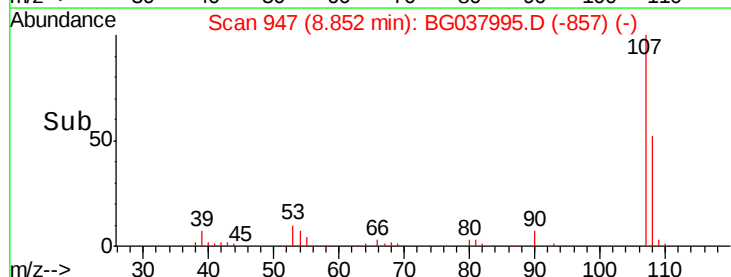
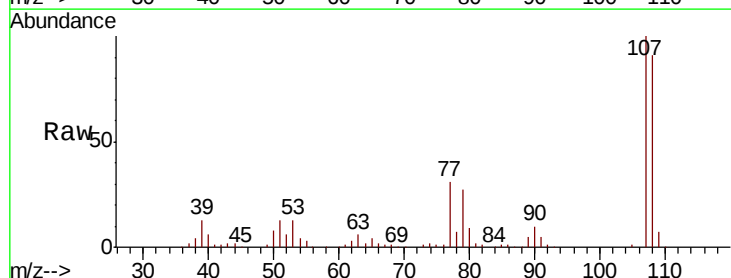
Instrument :
BNA_G
ClientSampleId :
PB114774BS

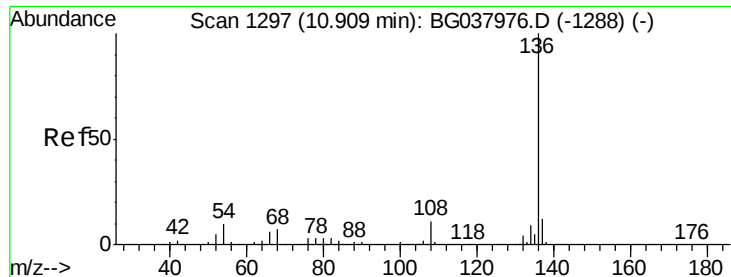
Tgt Ion:	70	Resp:	107310
Ion	Ratio	Lower	Upper
70	100		
42	66.3	53.9	80.9
101	10.5	8.2	12.2
130	22.6	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.743 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:	107	Resp:	176402
Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.9	109.9
77	31.1	11.2	51.2
79	27.0	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

Tgt Ion:136 Resp: 201997

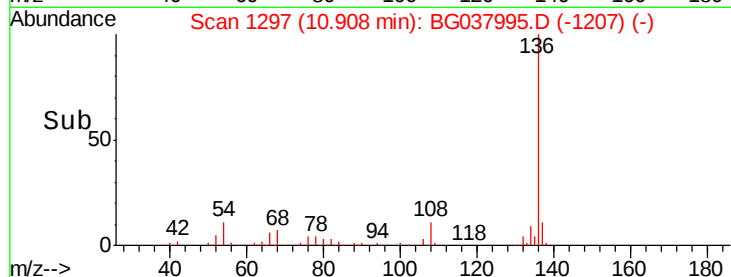
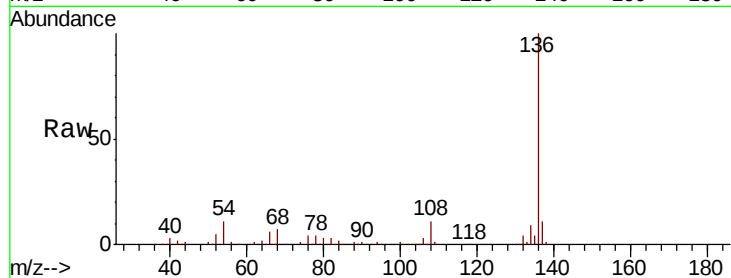
Ion Ratio Lower Upper

136 100

137 10.9 9.6 14.4

54 10.9 7.9 11.9

68 6.7 4.8 7.2

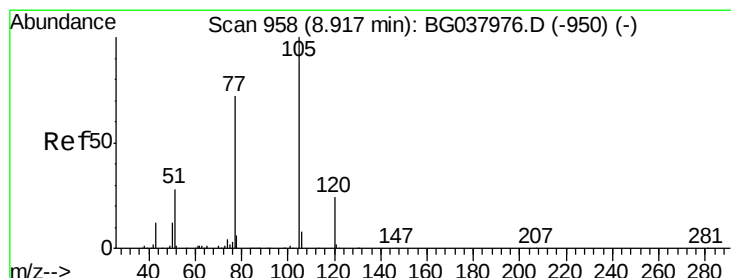
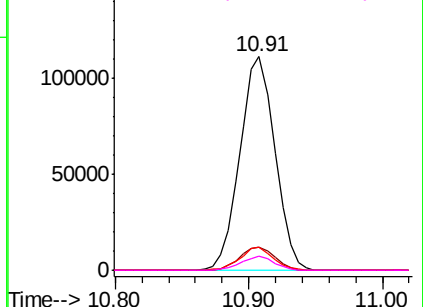


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 40.511 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:105 Resp: 203601

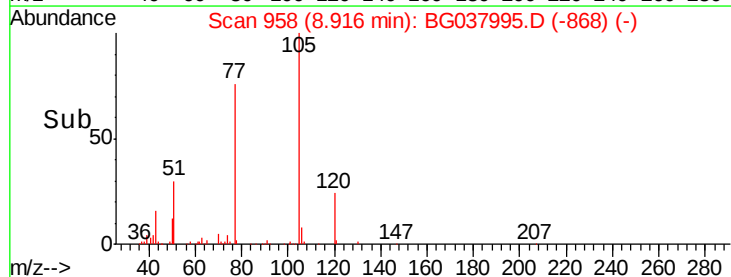
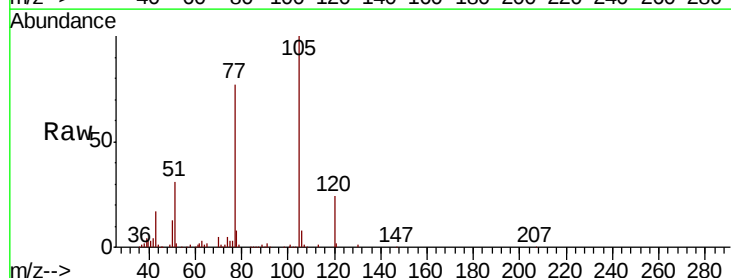
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 30.7 25.0 37.6

120 24.3 18.6 28.0

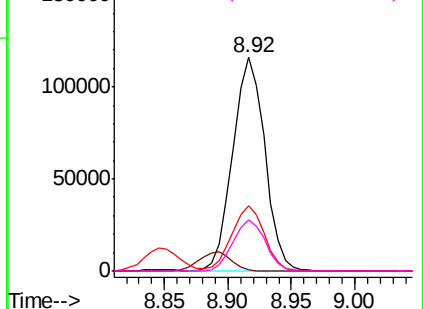


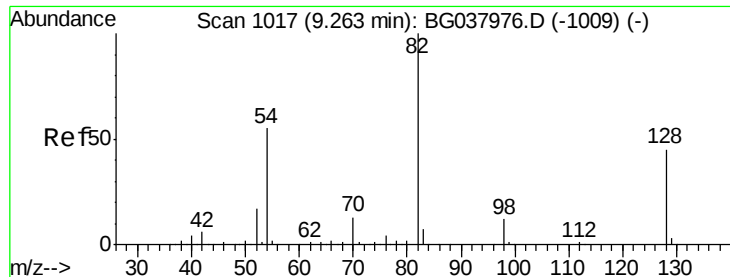
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

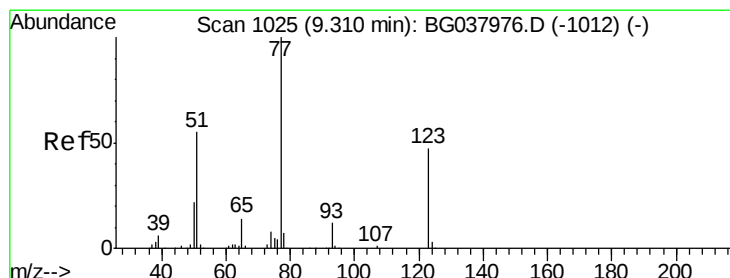
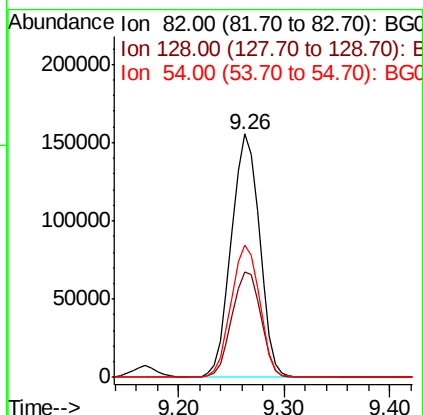
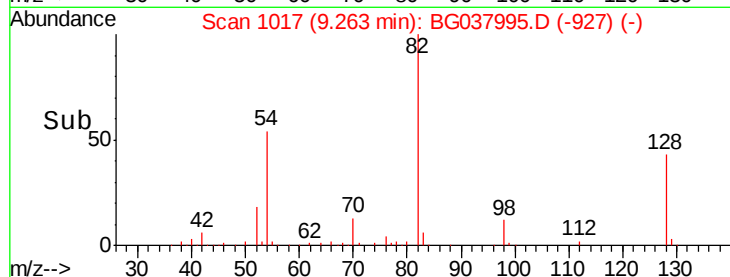
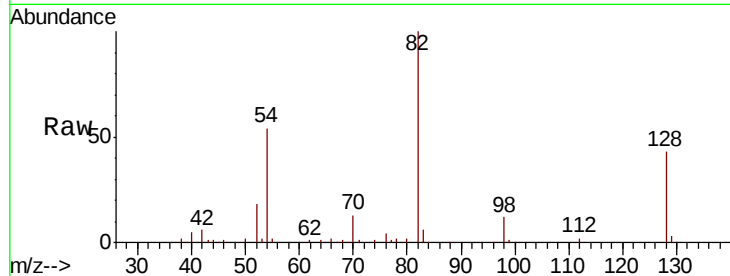




#23
Nitrobenzene-d5
Concen: 76.463 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

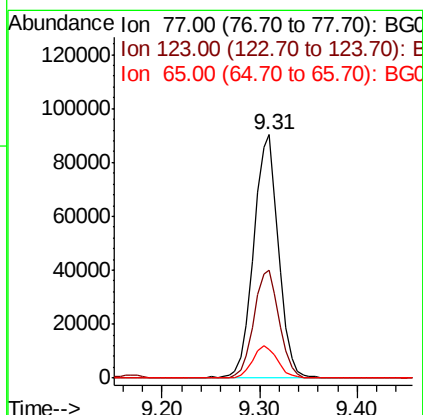
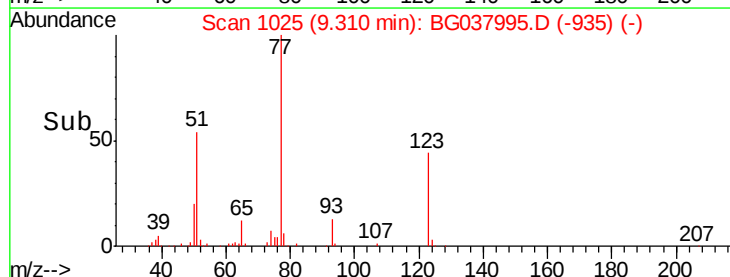
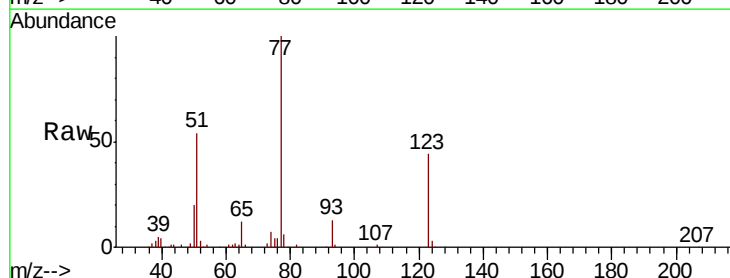
Instrument :
BNA_G
ClientSampleId :
PB114774BS

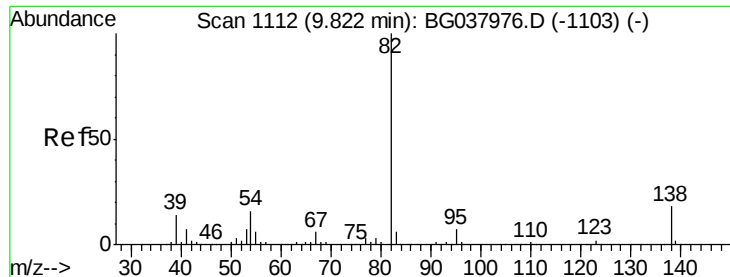
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.6	51.8
54	54.4	45.3	67.9



#24
Nitrobenzene
Concen: 41.904 ng
RT: 9.31 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	33.6	50.4
65	12.0	11.3	16.9

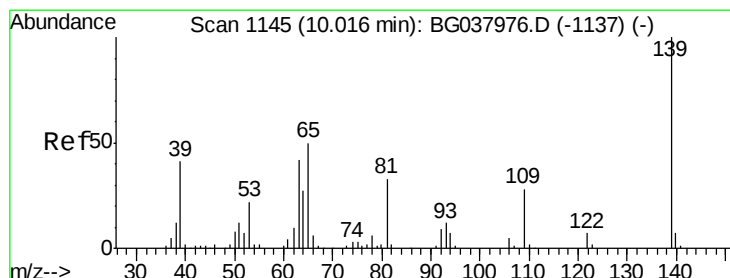
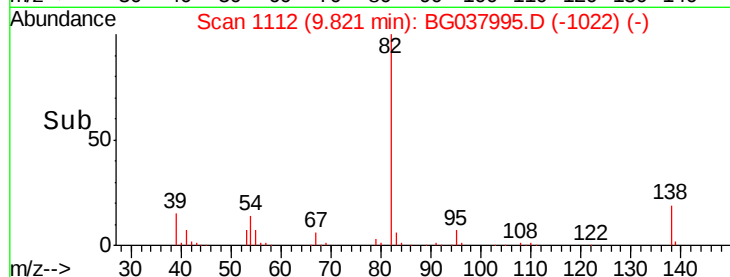
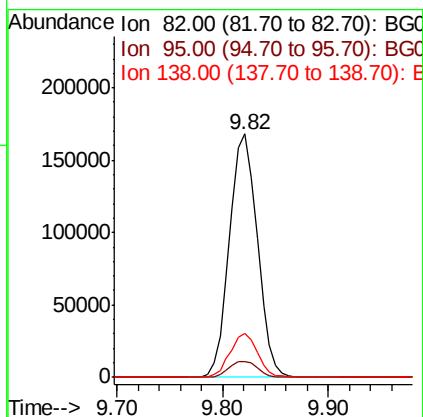
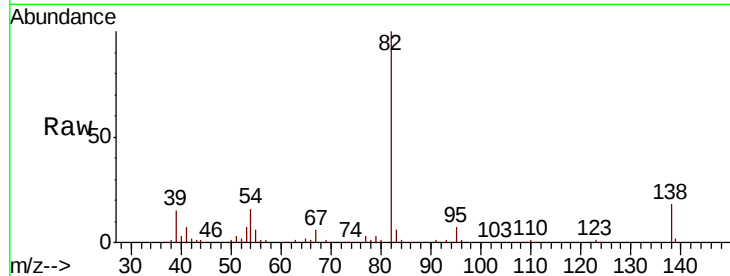




#25
Isophorone
Concen: 45.245 ng
RT: 9.82 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

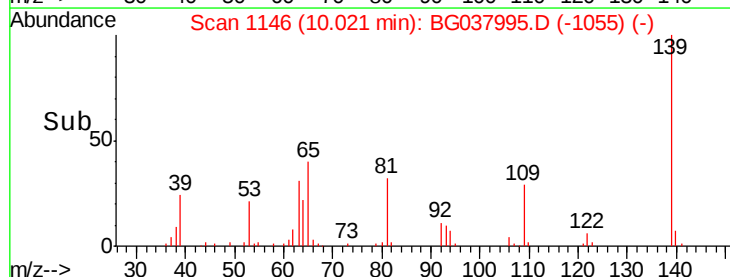
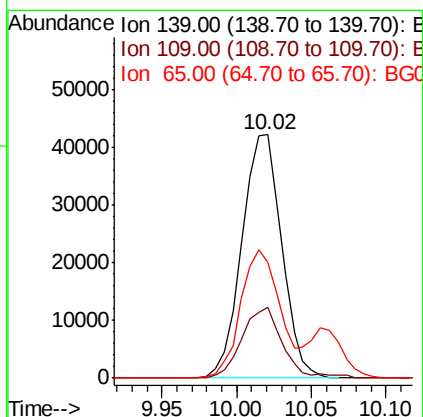
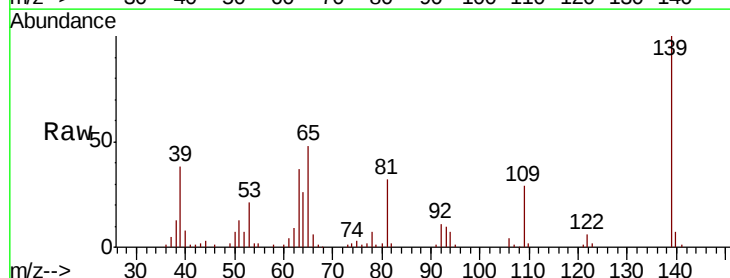
Instrument :
BNA_G
ClientSampleId :
PB114774BS

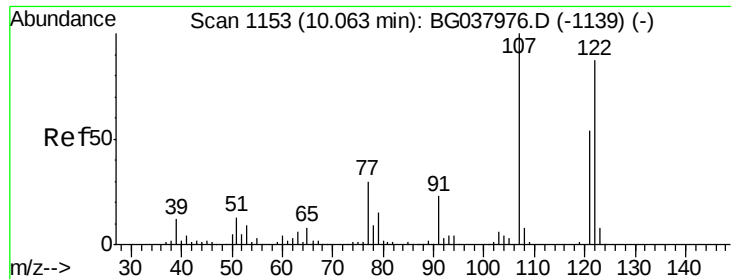
Tgt Ion: 82 Resp: 307300
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.1 13.3 19.9



#26
2-Nitrophenol
Concen: 40.381 ng
RT: 10.02 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 139 Resp: 77817
Ion Ratio Lower Upper
139 100
109 29.1 23.3 34.9
65 47.7 39.8 59.8

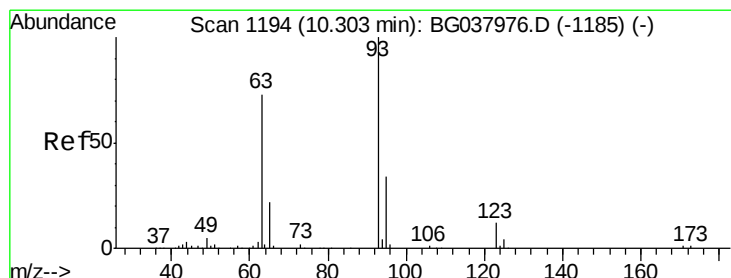
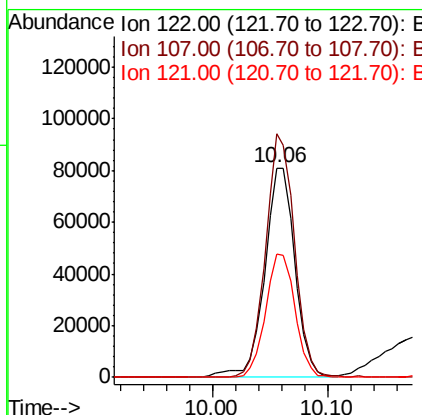
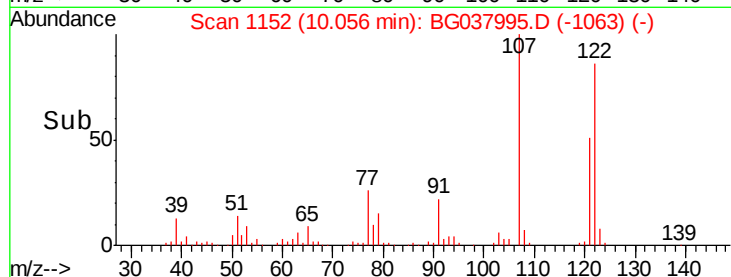
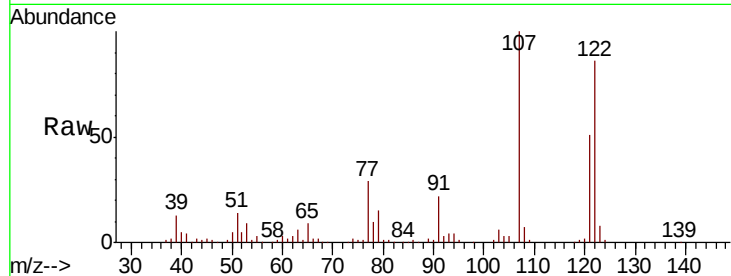




#27
2,4-Dimethylphenol
Concen: 51.119 ng
RT: 10.06 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

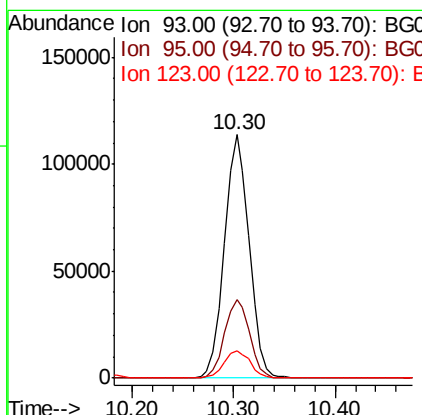
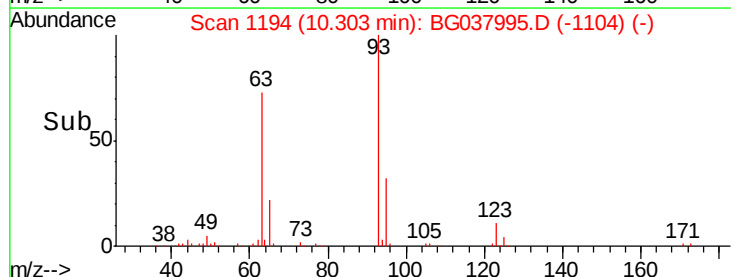
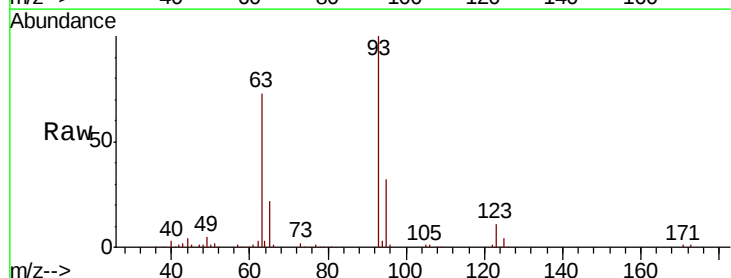
Instrument :
BNA_G
ClientSampleId :
PB114774BS

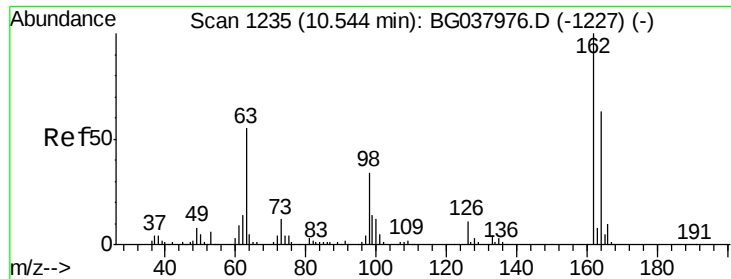
Tgt Ion:122 Resp: 148425
Ion Ratio Lower Upper
122 100
107 116.3 94.2 141.2
121 58.8 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 44.191 ng
RT: 10.30 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 93 Resp: 191923
Ion Ratio Lower Upper
93 100
95 32.1 24.6 37.0
123 11.5 9.1 13.7

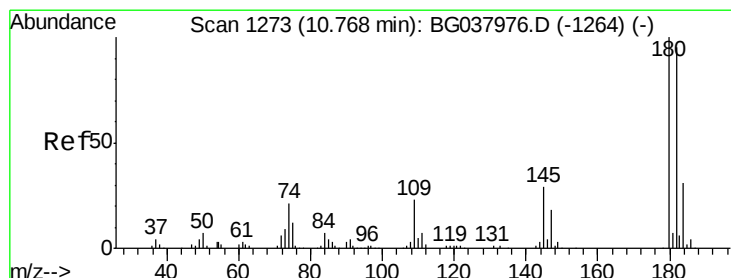
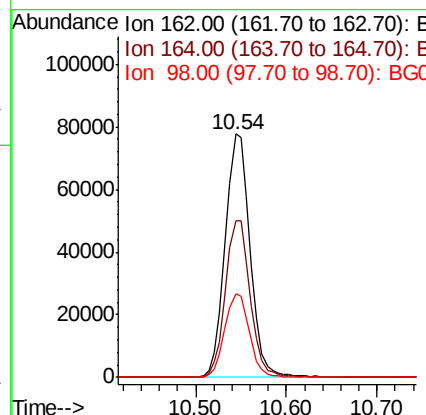
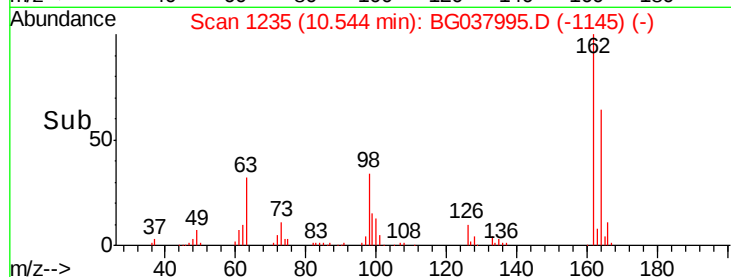
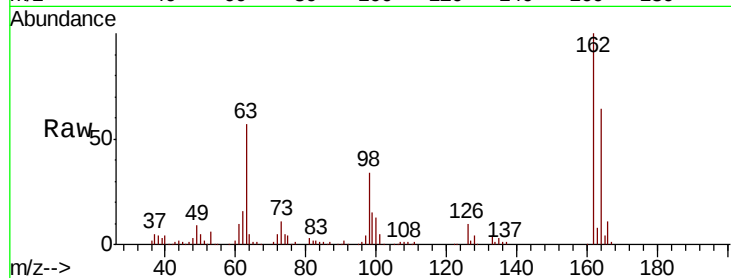




#29
2,4-Dichlorophenol
Concen: 45.288 ng
RT: 10.54 min Scan# 1235
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

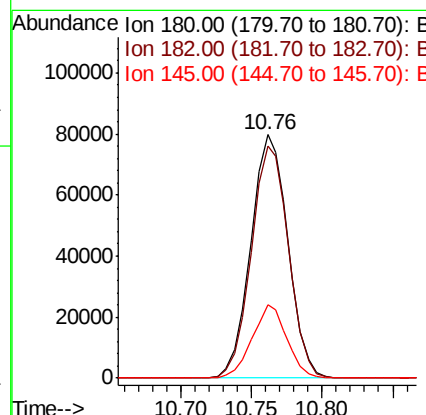
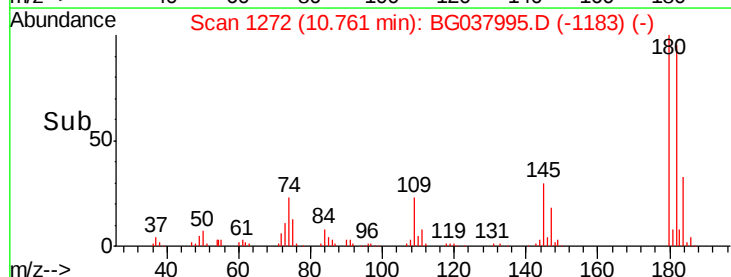
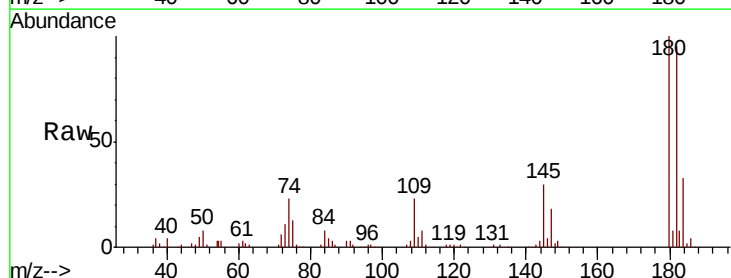
Instrument :
BNA_G
ClientSampleId :
PB114774BS

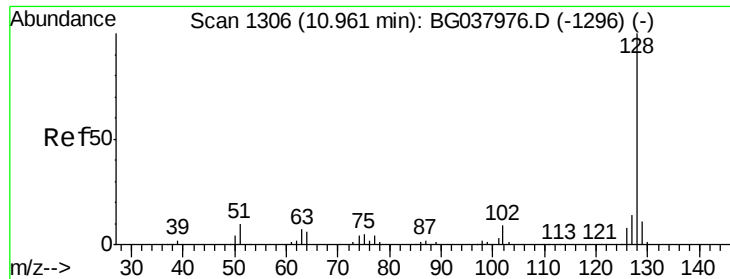
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.5	43.2	83.2
98	34.2	16.0	56.0



#30
1,2,4-Trichlorobenzene
Concen: 40.182 ng
RT: 10.76 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	30.0	23.3	34.9

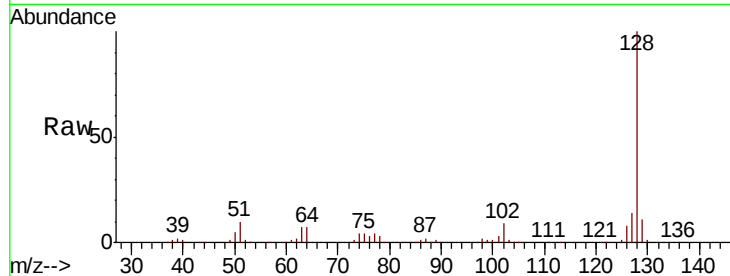




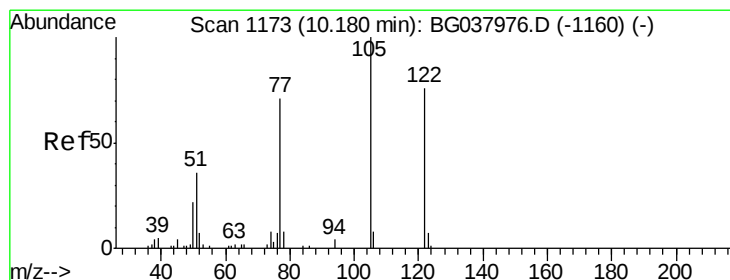
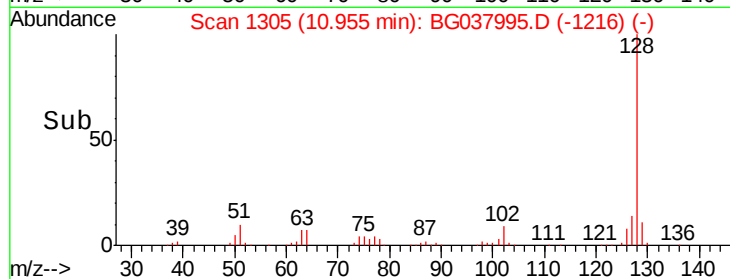
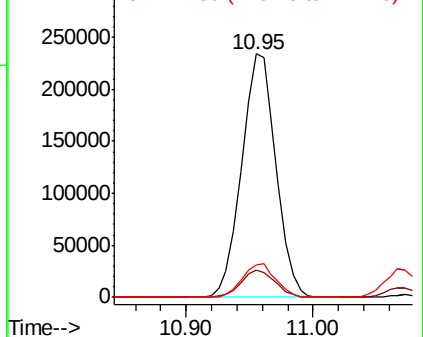
#31
Naphthalene
Concen: 43.981 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion:128 Resp: 436958
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 11.1 16.7

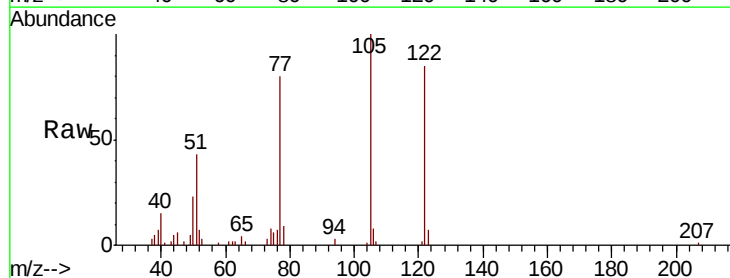


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

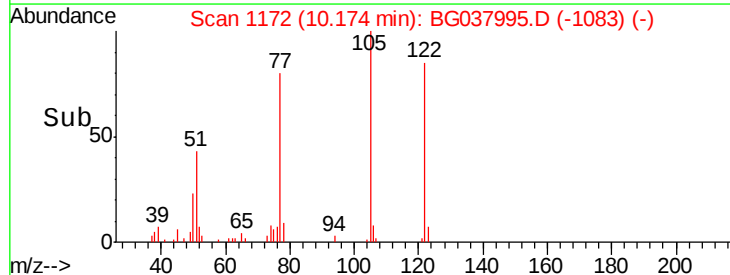
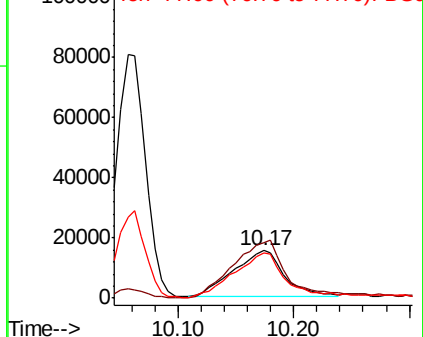


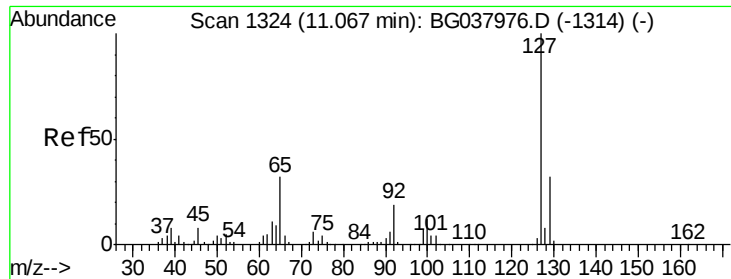
#32
Benzoic acid
Concen: 30.836 ng
RT: 10.17 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:122 Resp: 46554
Ion Ratio Lower Upper
122 100
105 118.0 106.7 146.7
77 94.6 72.2 112.2



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

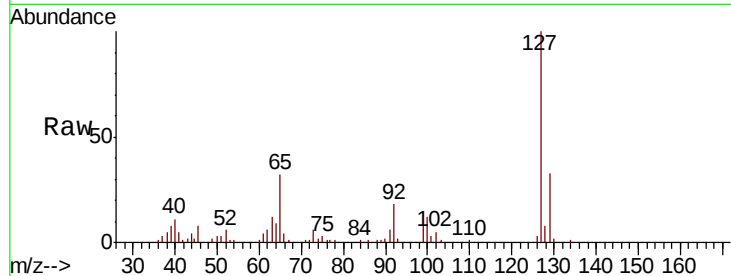




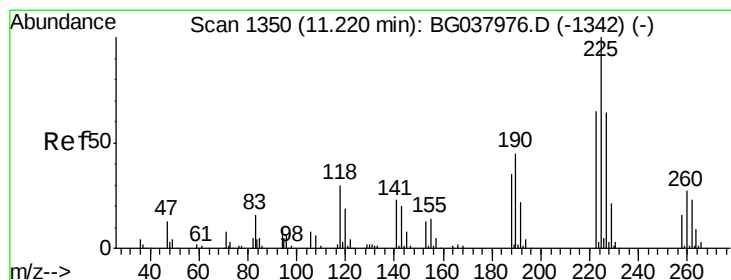
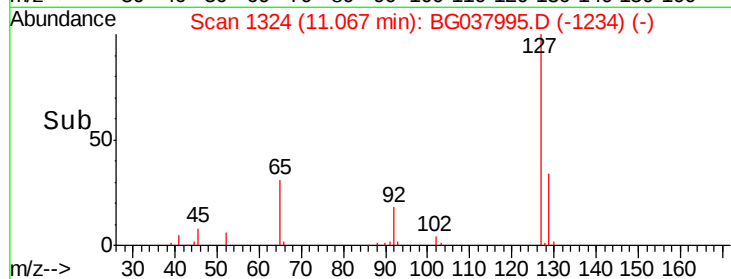
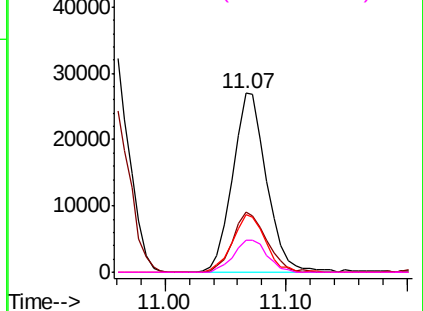
#33
4-Chloroaniline
Concen: 11.458 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion:	127	Resp:	52954
Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.1	40.7
65	32.3	26.6	39.8
92	17.9	16.4	24.6

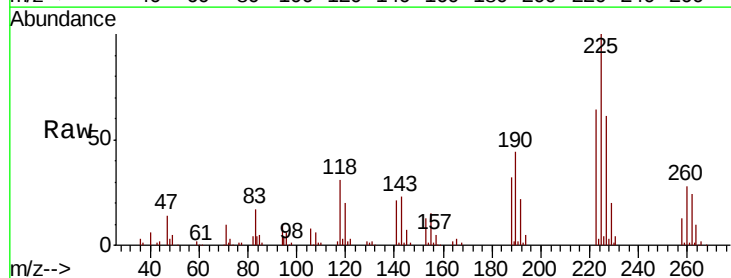


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

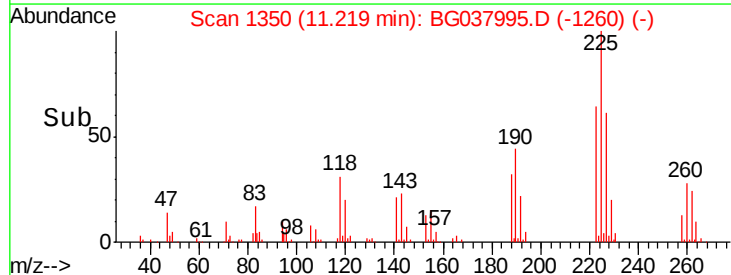
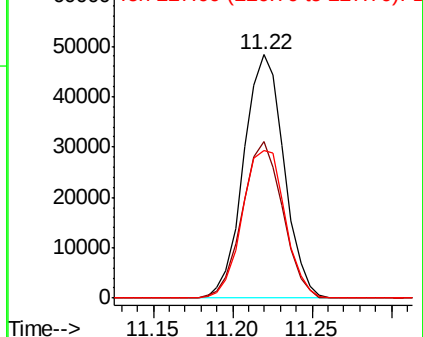


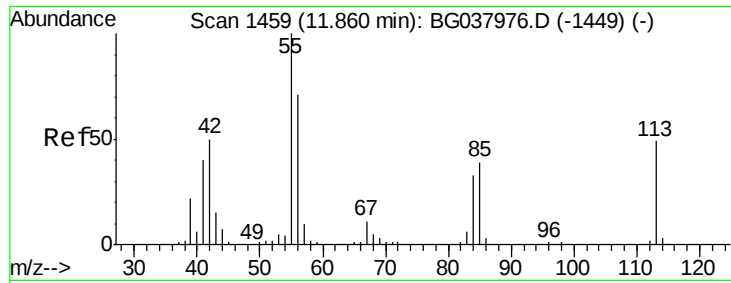
#34
Hexachlorobutadiene
Concen: 37.888 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:	225	Resp:	85338
Ion	Ratio	Lower	Upper
225	100		
223	64.8	48.2	72.4
227	61.0	51.6	77.4



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

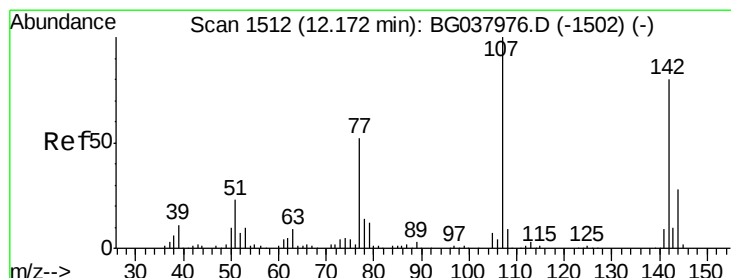
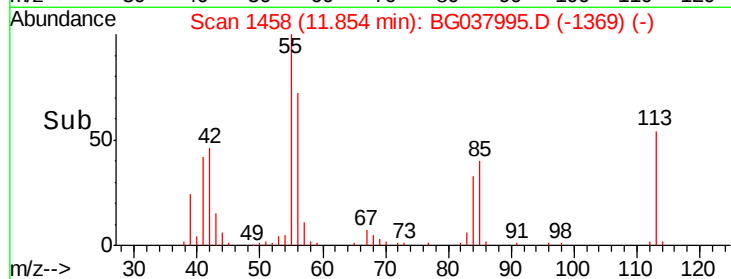
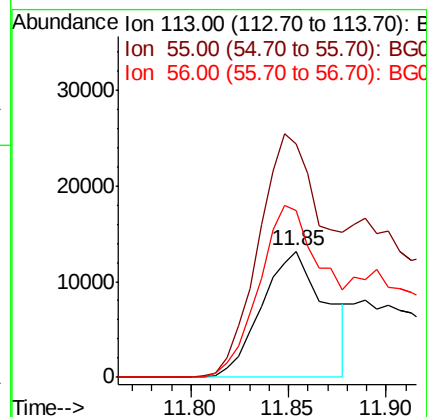
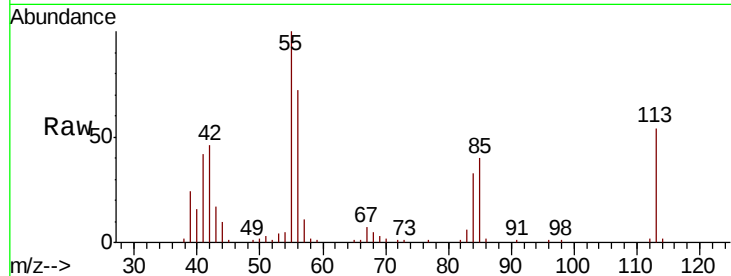




#35
Caprolactam
Concen: 22.974 ng
RT: 11.85 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

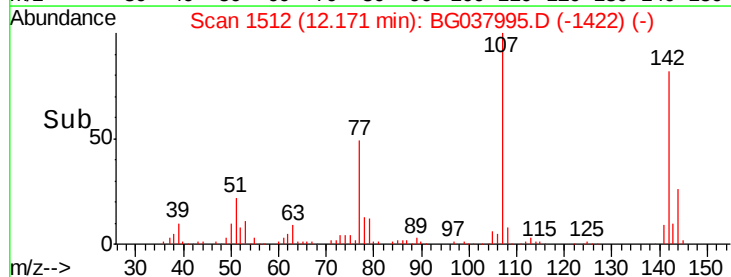
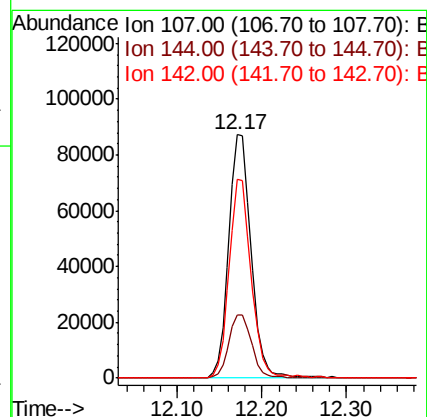
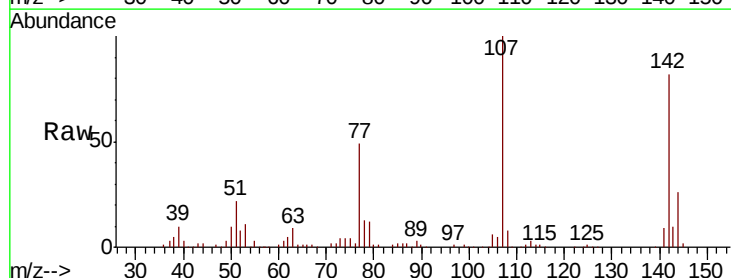
Instrument :
BNA_G
ClientSampleId :
PB114774BS

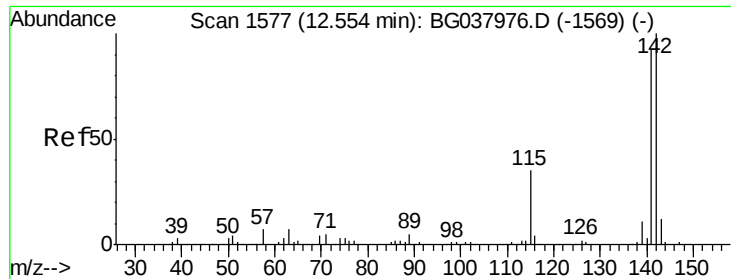
Tgt Ion:113 Resp: 30032
Ion Ratio Lower Upper
113 100
55 185.1 176.6 216.6
56 132.6 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 44.844 ng
RT: 12.17 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:107 Resp: 160004
Ion Ratio Lower Upper
107 100
144 26.0 20.7 31.1
142 81.6 64.4 96.6

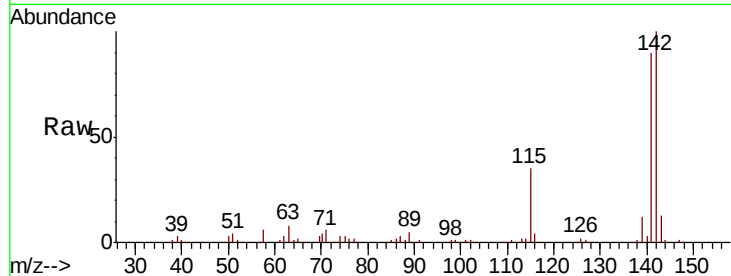




#37
 2-Methylnaphthalene
 Concen: 45.555 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9
115	35.0	27.8	41.8

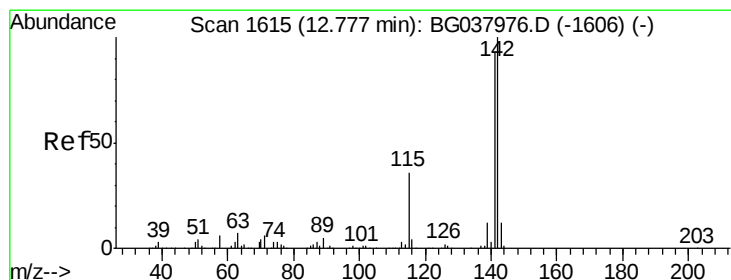
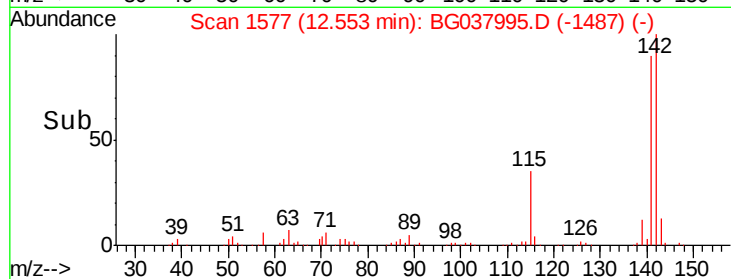
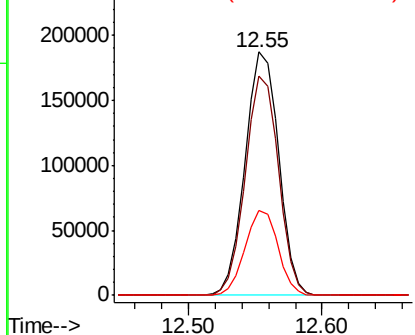


Abundance

Ion 142.00 (141.70 to 142.70): E

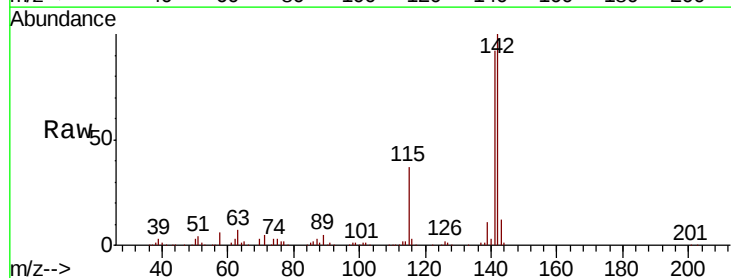
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 44.981 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	75.2	112.8
116	3.5	3.3	4.9

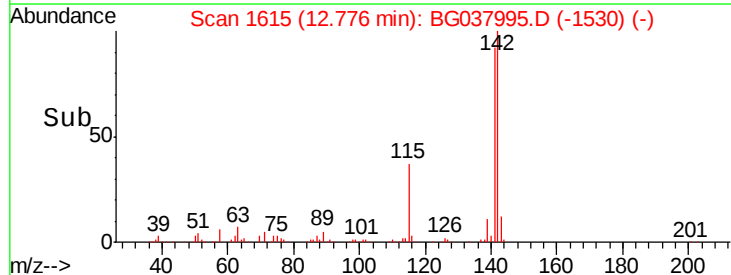
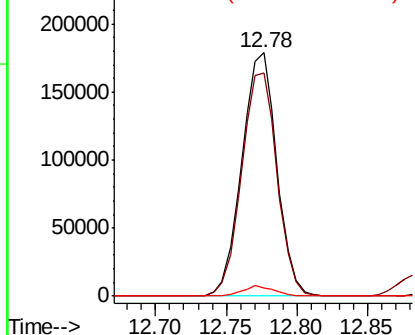


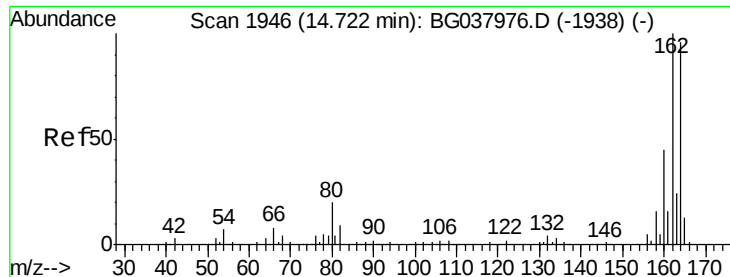
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

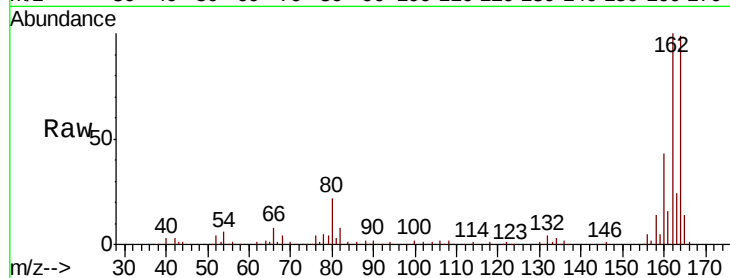
Tgt Ion:164 Resp: 127016

Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

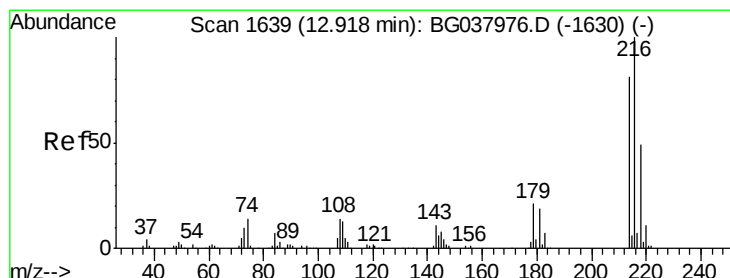
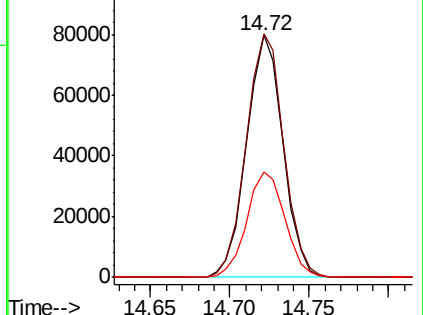
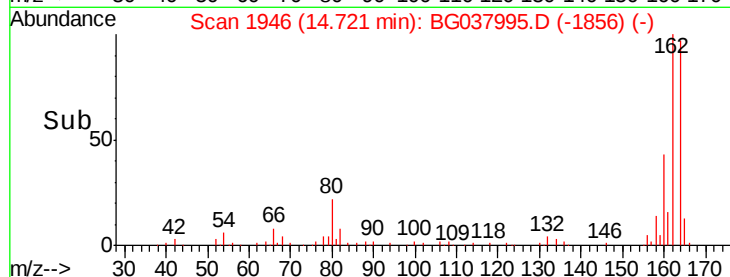
160 43.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.589 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Tgt Ion:216 Resp: 163782

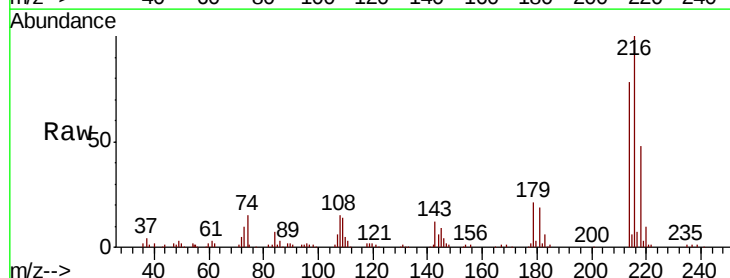
Ion Ratio Lower Upper

216 100

214 78.9 63.8 95.6

179 21.2 17.4 26.0

108 20.2 13.9 20.9

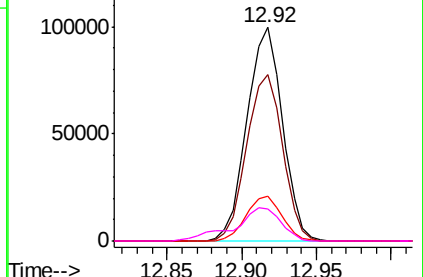
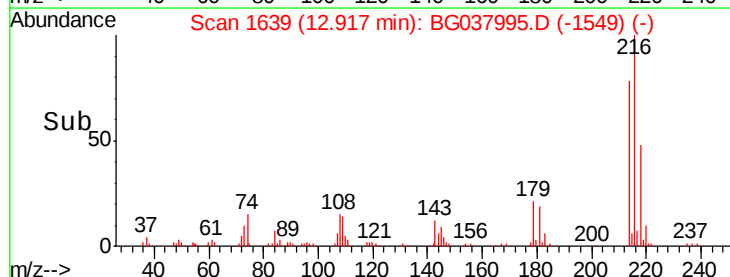


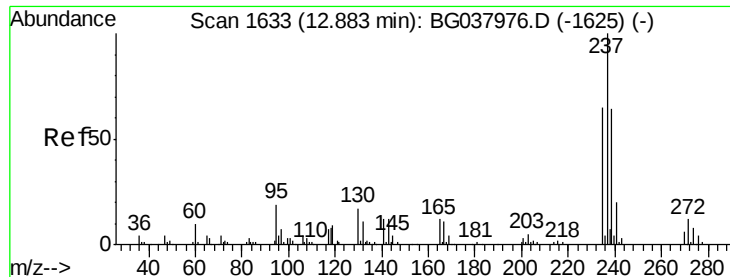
Abundance Ion 216.00 (215.70 to 216.70): E

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

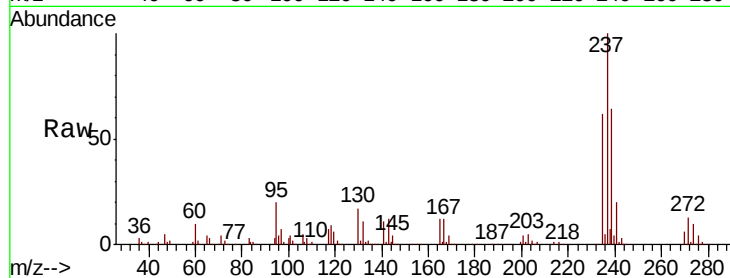




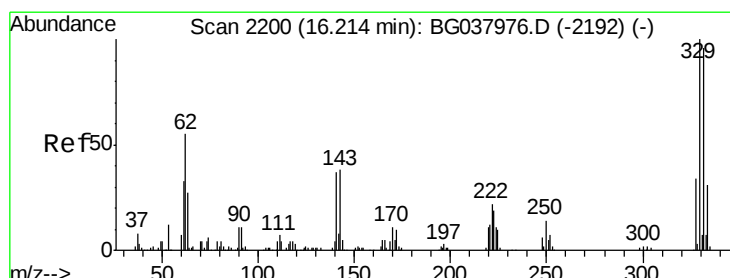
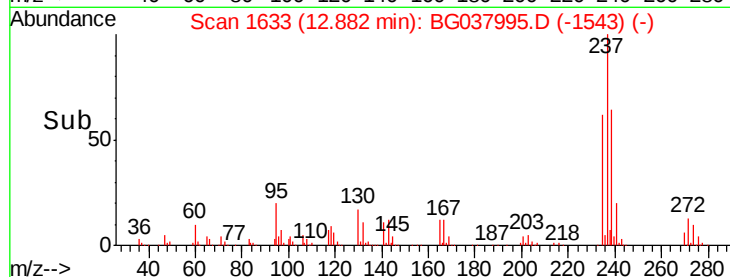
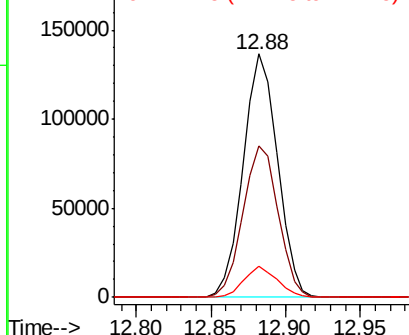
#41
Hexachlorocyclopentadiene
Concen: 95.936 ng
RT: 12.88 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion: 237 Resp: 218036
Ion Ratio Lower Upper
237 100
235 62.3 42.5 82.5
272 12.6 0.0 31.6

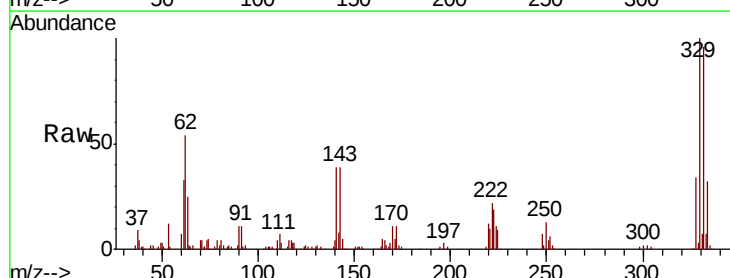


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

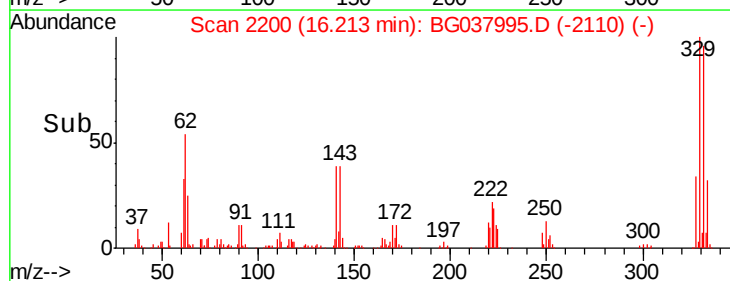
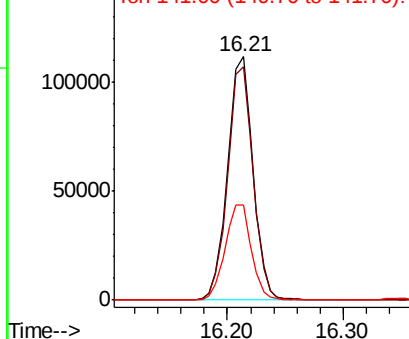


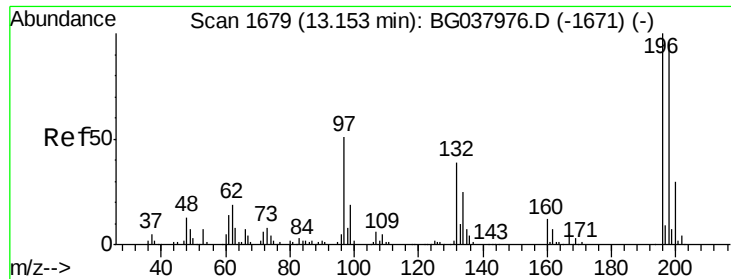
#42
2,4,6-Tribromophenol
Concen: 117.919 ng
RT: 16.21 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 330 Resp: 170816
Ion Ratio Lower Upper
330 100
332 95.7 78.4 117.6
141 40.1 32.2 48.2



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

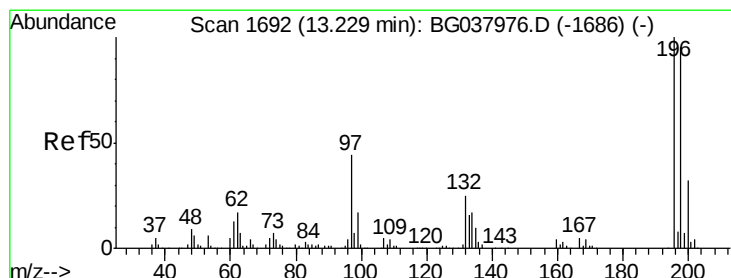
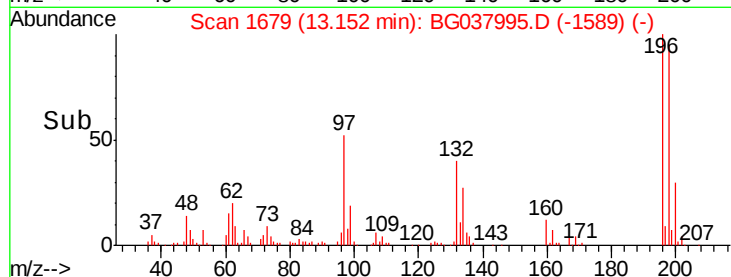
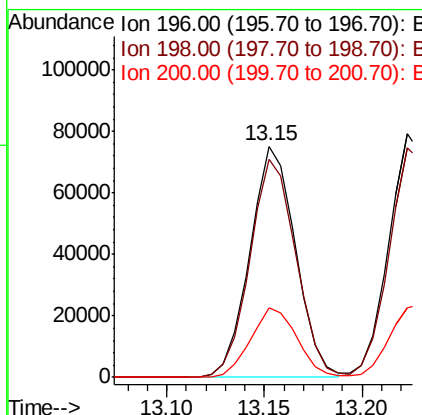
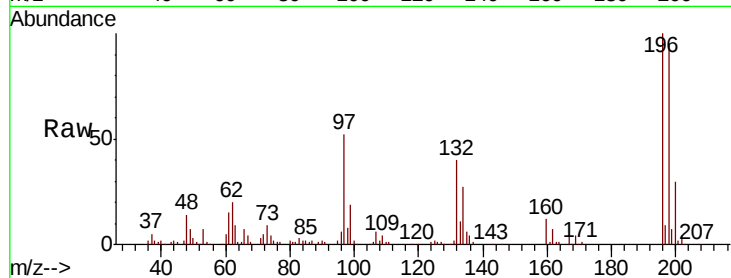




#43
 2,4,6-Trichlorophenol
 Concen: 42.061 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

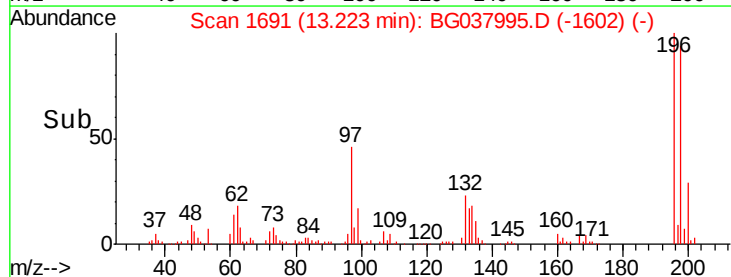
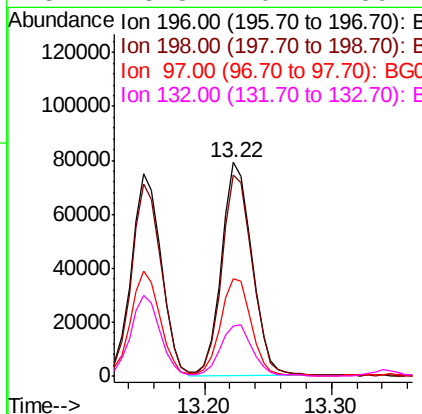
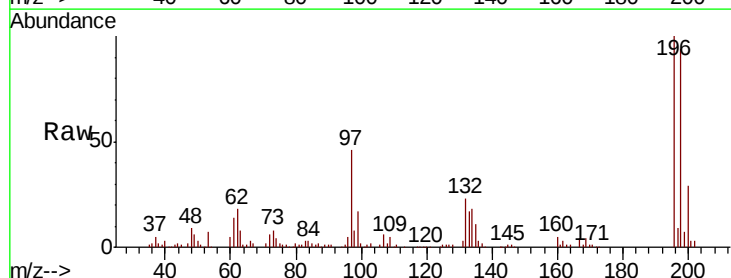
Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

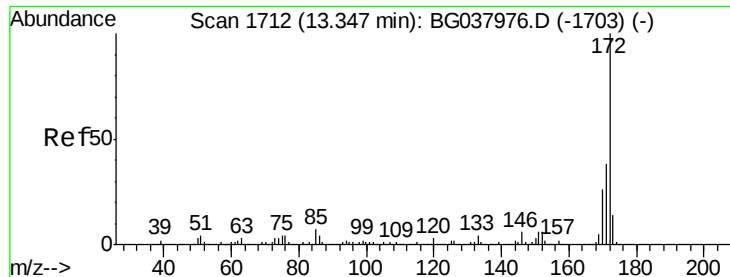
Tgt Ion:196 Resp: 121649
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.4 114.6
 200 30.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.363 ng
 RT: 13.22 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion:196 Resp: 131960
 Ion Ratio Lower Upper
 196 100
 198 94.2 74.2 111.2
 97 45.8 34.1 51.1
 132 23.3 20.2 30.4

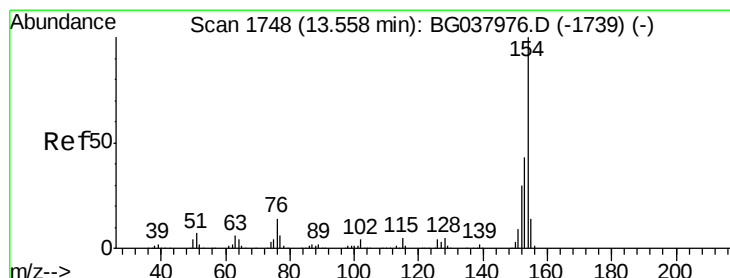
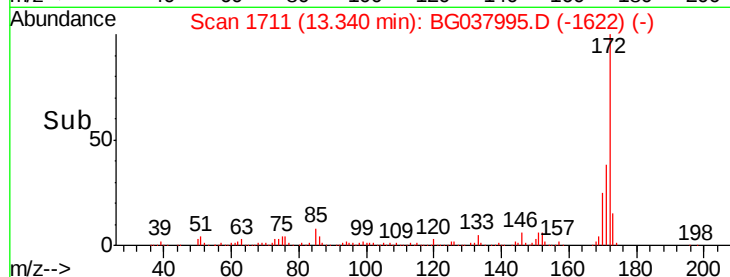
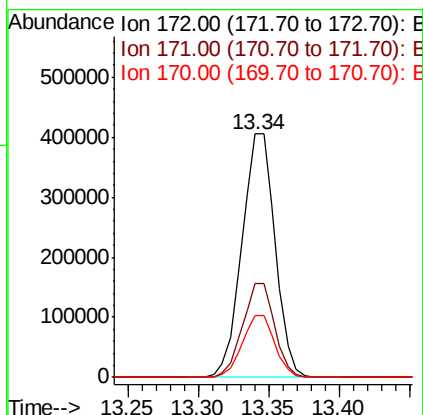
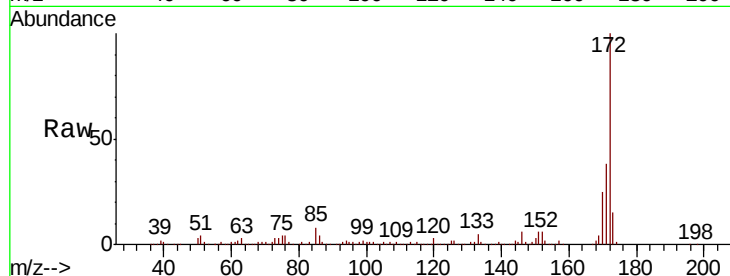




#45
2-Fluorobiphenyl
Concen: 76.342 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

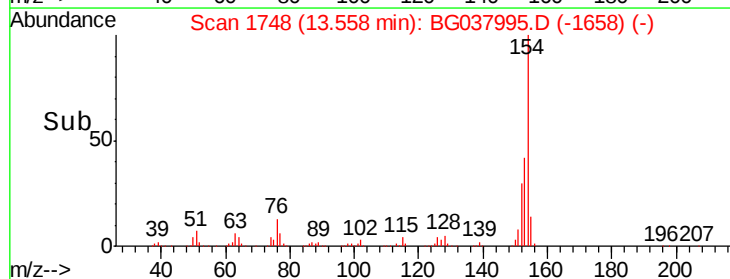
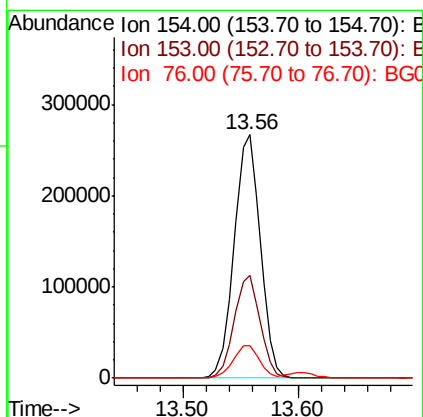
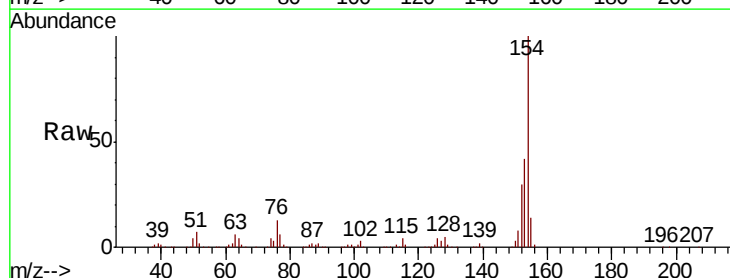
Instrument :
BNA_G
ClientSampleId :
PB114774BS

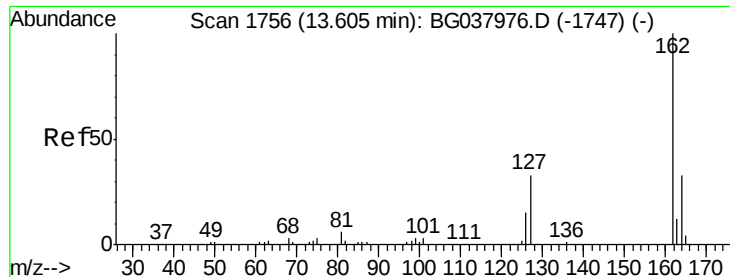
Tgt Ion:172 Resp: 665588
Ion Ratio Lower Upper
172 100
171 38.5 31.0 46.4
170 25.2 20.2 30.2



#46
1,1'-Biphenyl
Concen: 39.067 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:154 Resp: 416870
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 13.4 0.0 33.2

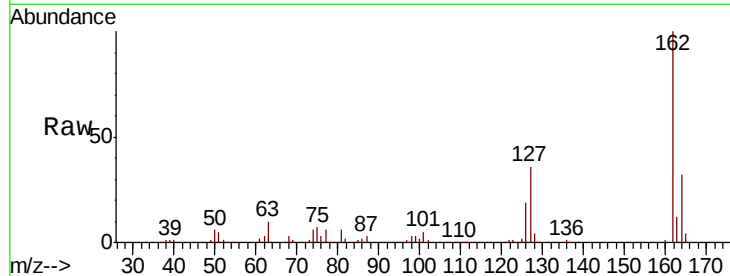




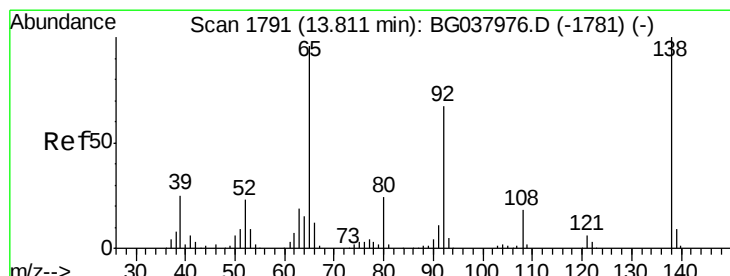
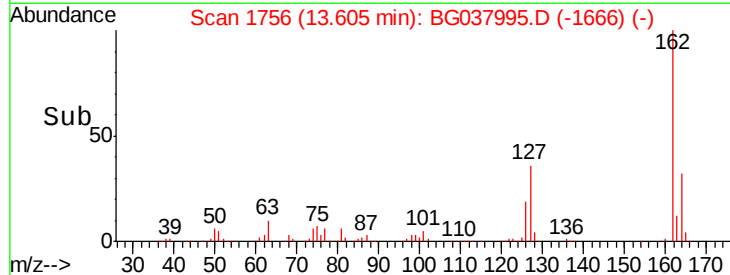
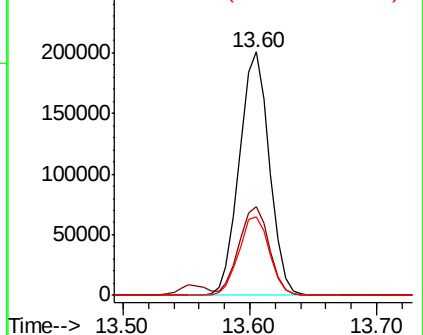
#47
 2-Chloronaphthalene
 Concen: 40.454 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	36.5	30.5	45.7
164	32.2	26.4	39.6

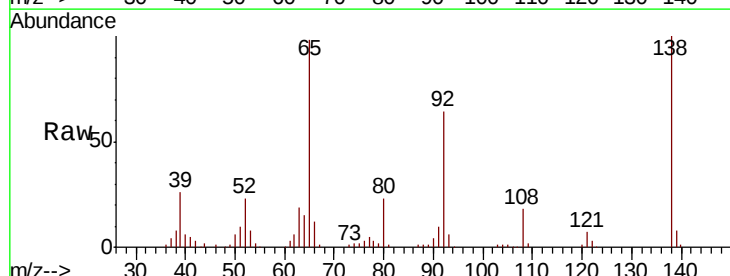


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

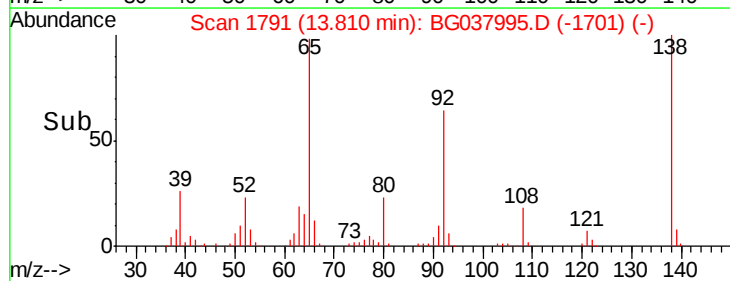
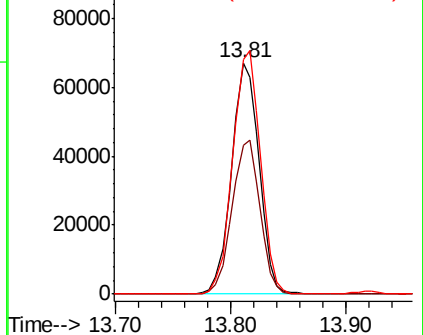


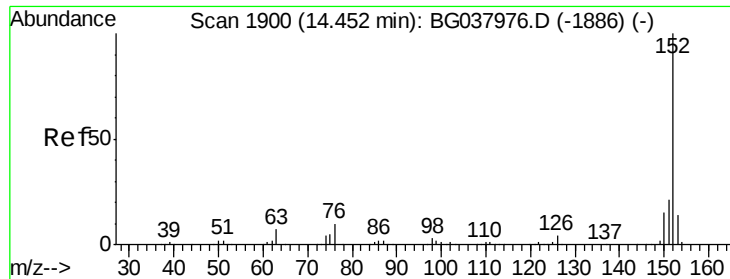
#48
 2-Nitroaniline
 Concen: 43.251 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.5	53.2	79.8
138	101.6	79.3	118.9



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 44.622 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

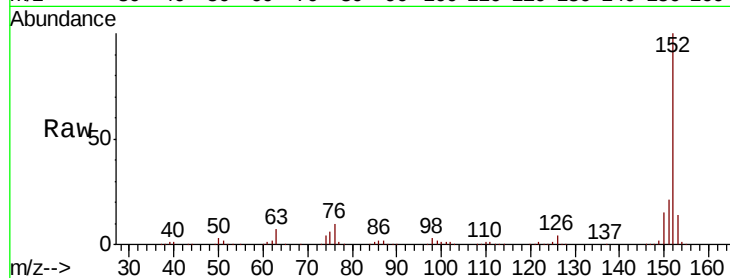
Tgt Ion:152 Resp: 546392

Ion Ratio Lower Upper

152 100

151 21.0 17.1 25.7

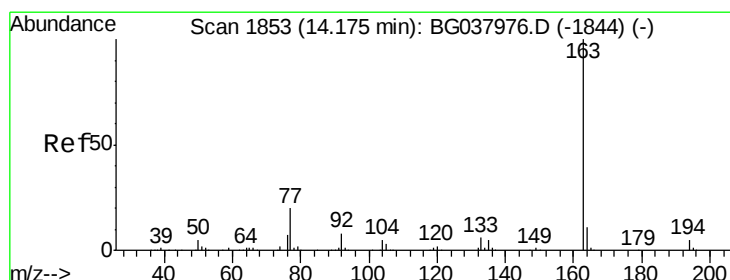
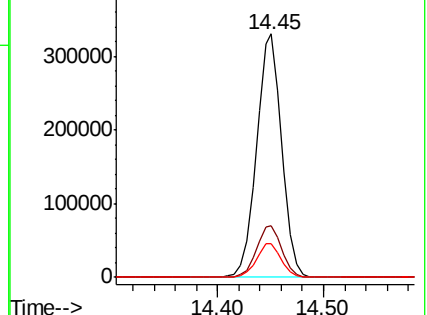
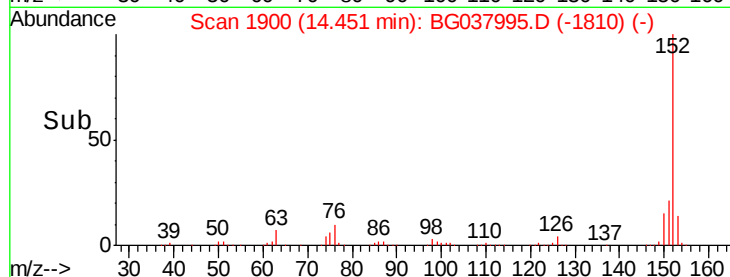
153 13.6 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.006 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

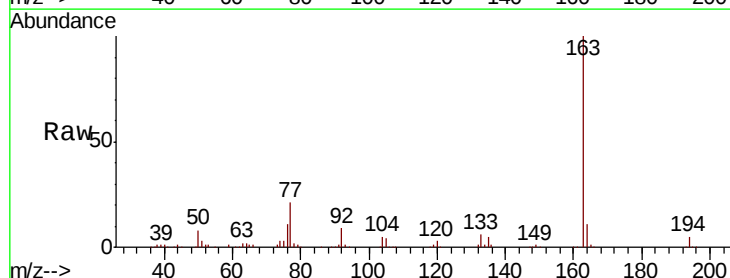
Tgt Ion:163 Resp: 433054

Ion Ratio Lower Upper

163 100

194 4.6 3.5 5.3

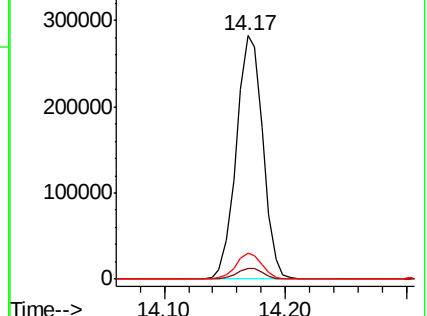
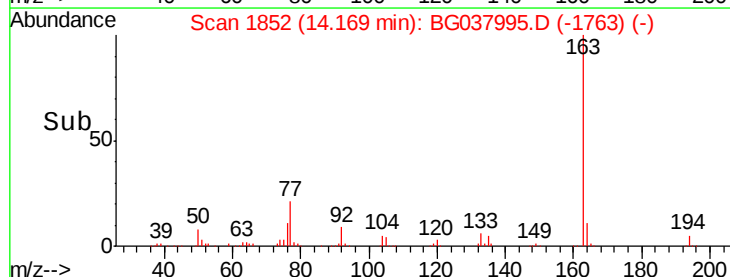
164 10.8 8.5 12.7

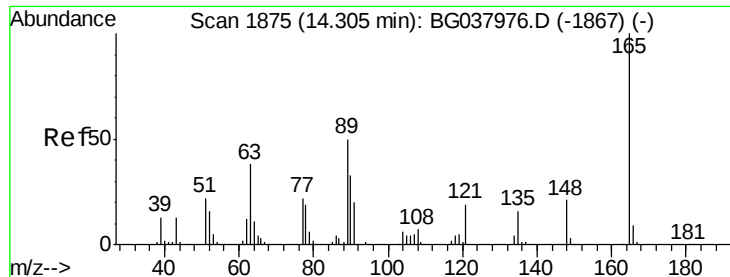


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

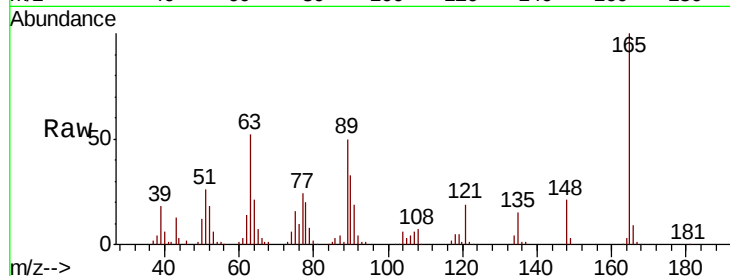




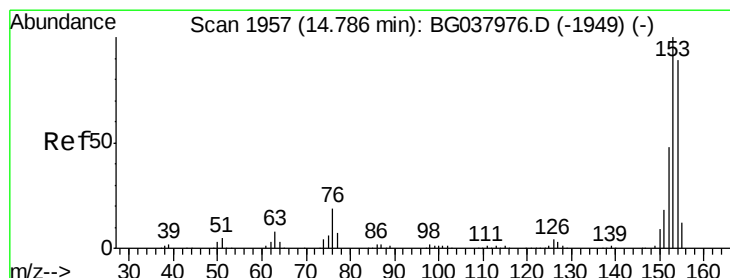
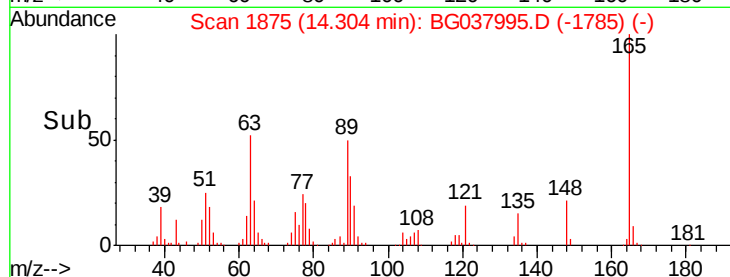
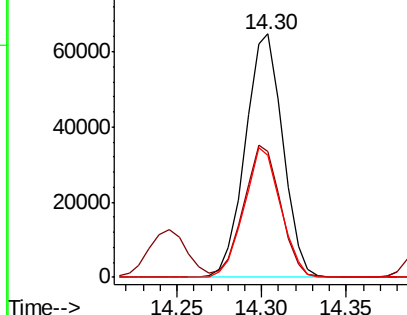
#51
2,6-Dinitrotoluene
Concen: 43.989 ng
RT: 14.30 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion:165 Resp: 100251
Ion Ratio Lower Upper
165 100
63 51.5 43.4 65.2
89 49.9 45.8 68.6

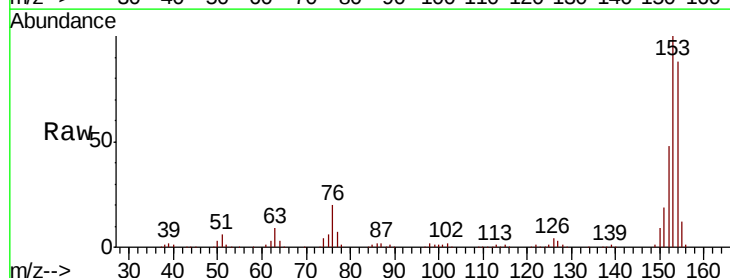


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

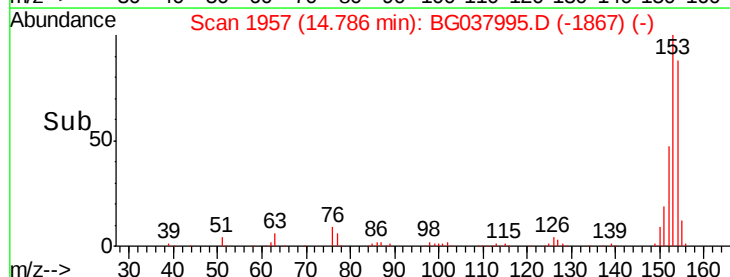
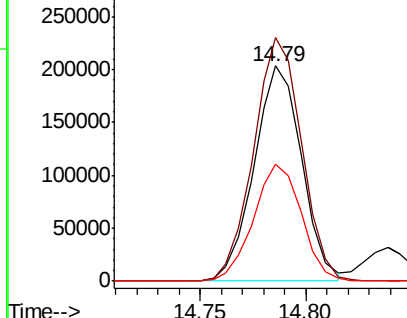


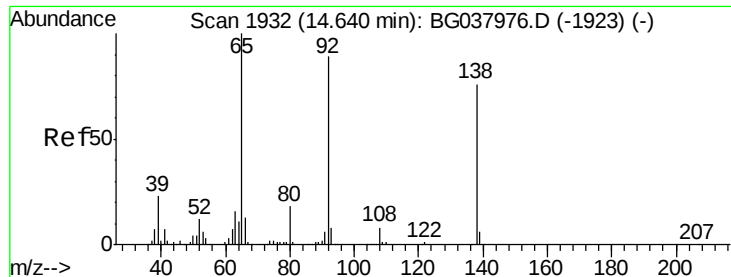
#52
Acenaphthene
Concen: 43.215 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:154 Resp: 318564
Ion Ratio Lower Upper
154 100
153 113.3 93.4 140.0
152 54.1 44.7 67.1



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





#53

3-Nitroaniline

Concen: 15.556 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

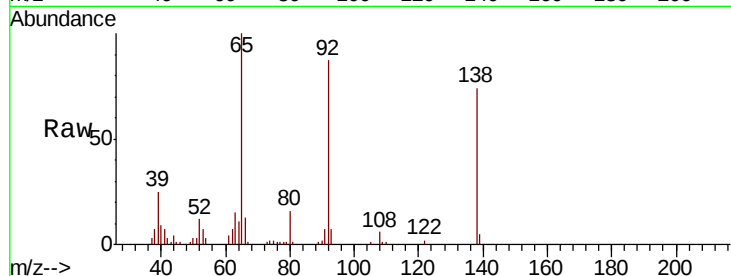
Tgt Ion:138 Resp: 39121

Ion Ratio Lower Upper

138 100

108 8.0 11.0 16.6#

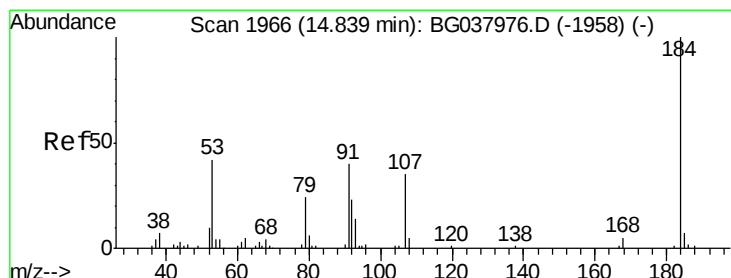
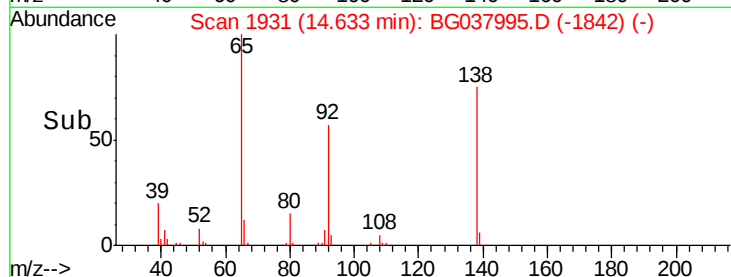
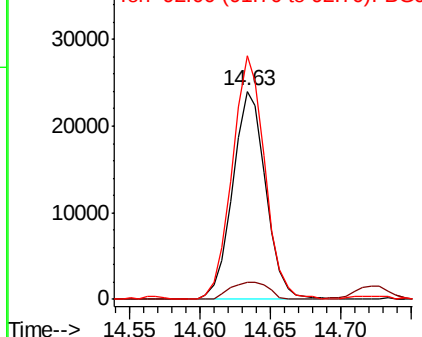
92 117.0 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 73.599 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

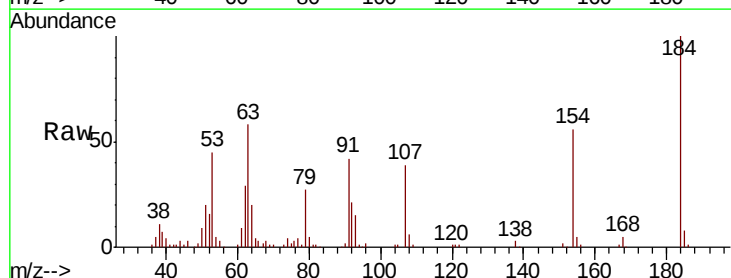
Tgt Ion:184 Resp: 89492

Ion Ratio Lower Upper

184 100

63 57.8 42.6 63.8

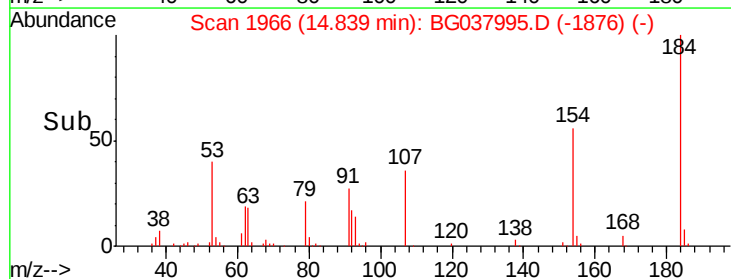
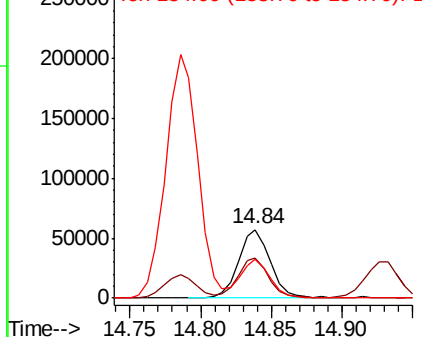
154 56.3 41.8 62.6

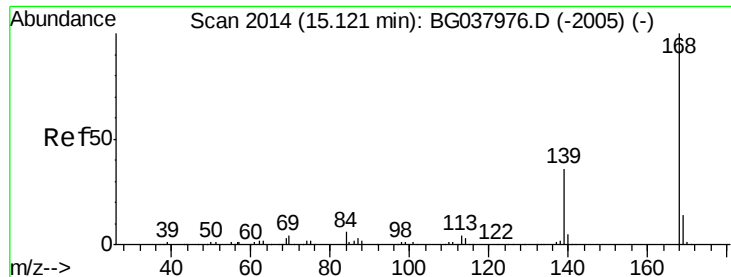


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

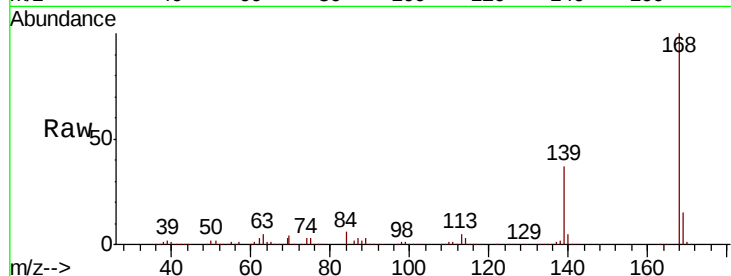




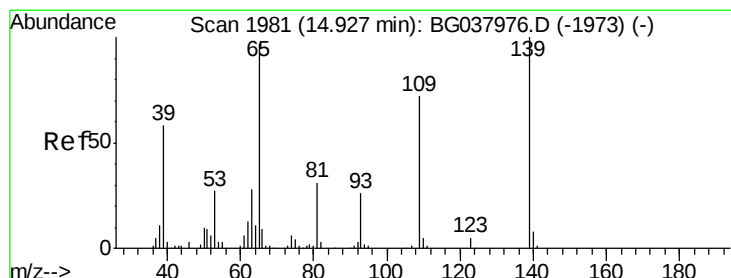
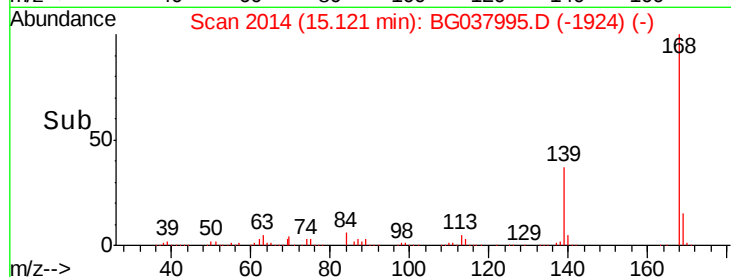
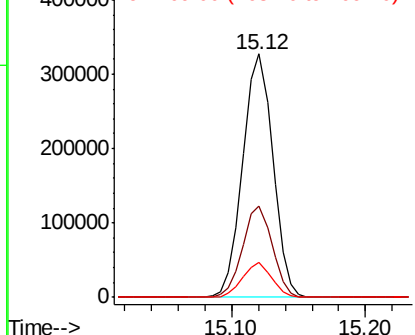
#55
Dibenzenofuran
Concen: 41.962 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion:168 Resp: 511486
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.0
169 14.6 11.0 16.6

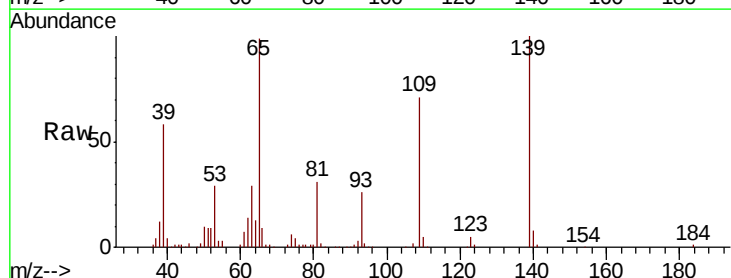


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

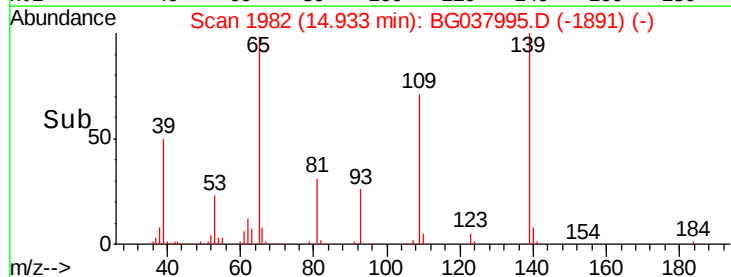
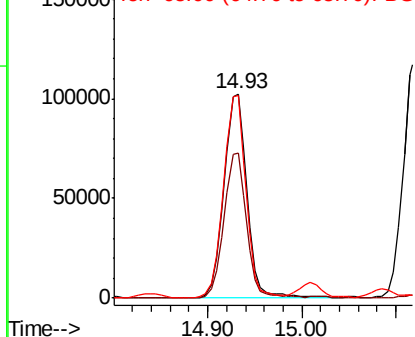


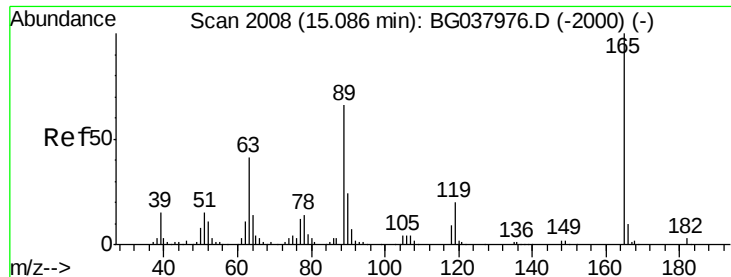
#56
4-Nitrophenol
Concen: 90.204 ng
RT: 14.93 min Scan# 1982
Delta R.T. 0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion:139 Resp: 174954
Ion Ratio Lower Upper
139 100
109 70.7 49.5 89.5
65 99.0 76.8 116.8



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): BG

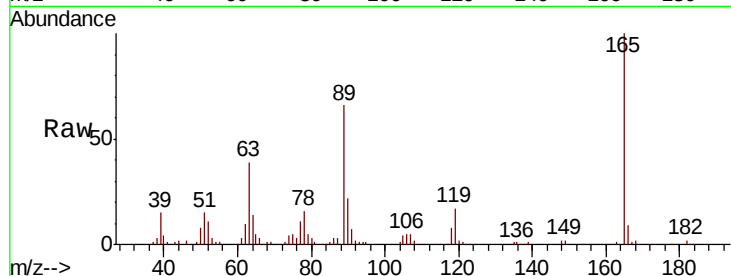




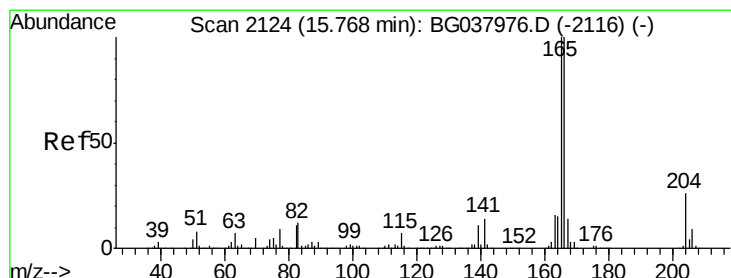
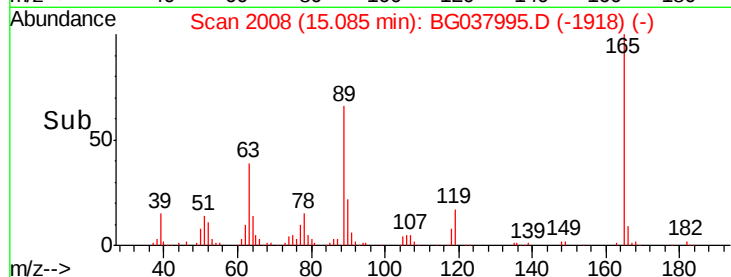
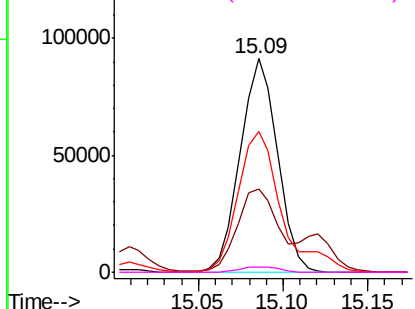
#57
 2,4-Dinitrotoluene
 Concen: 45.066 ng
 RT: 15.09 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion:	165	Resp:	139740
Ion	Ratio	Lower	Upper
165	100		
63	39.2	33.4	50.0
89	65.7	57.2	85.8
182	2.3	2.6	4.0#

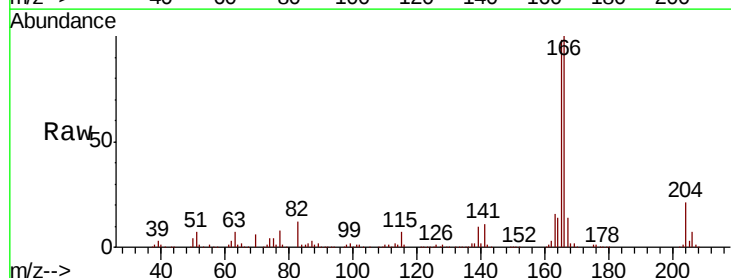


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

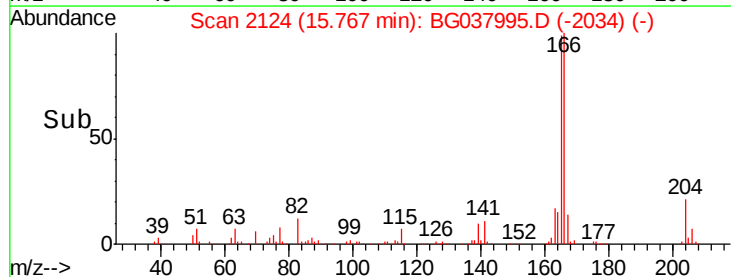
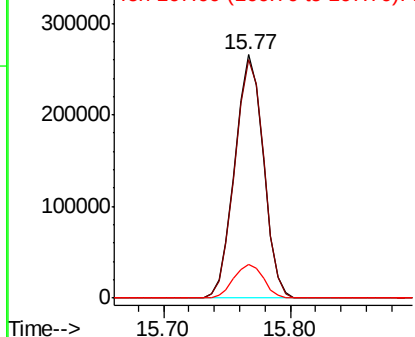


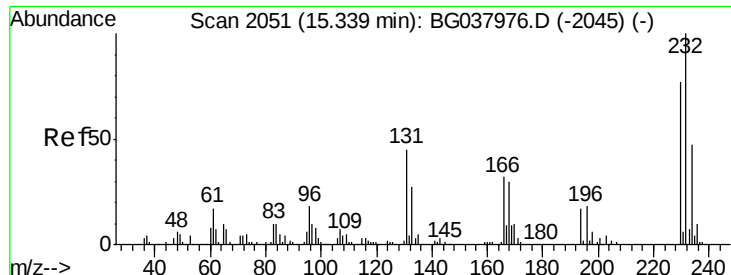
#58
 Fluorene
 Concen: 45.578 ng
 RT: 15.77 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion:	166	Resp:	414523
Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	13.9	11.3	16.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

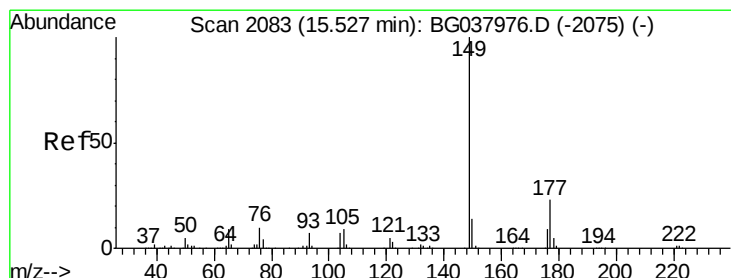
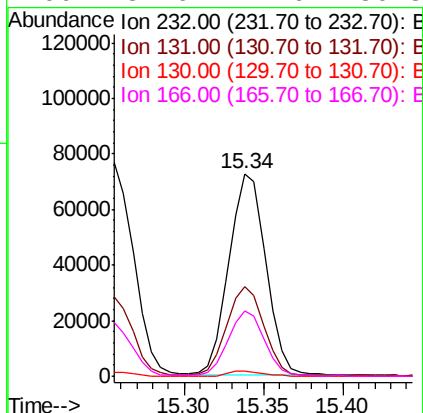
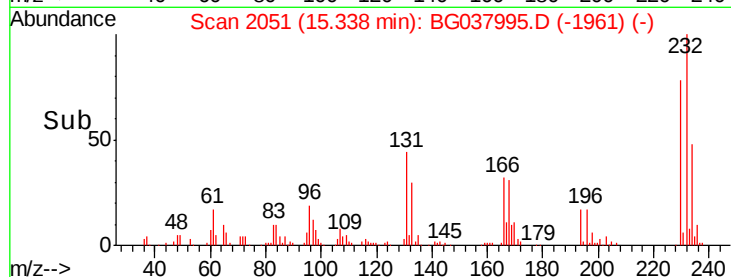
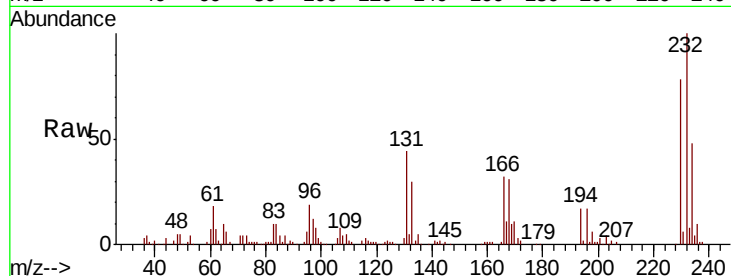




#59
2,3,4,6-Tetrachlorophenol
Concen: 46.135 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

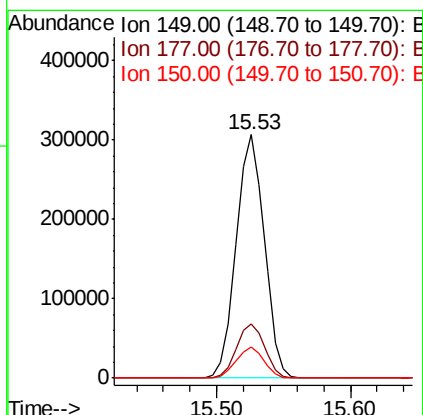
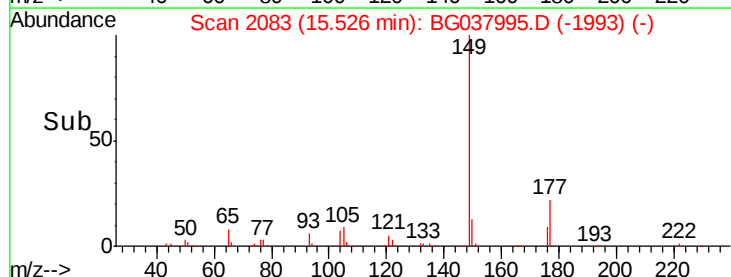
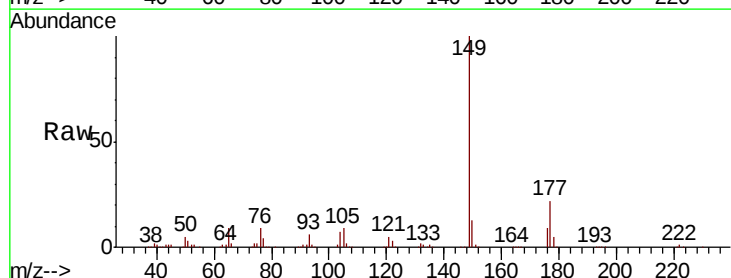
Instrument :
BNA_G
ClientSampleId :
PB114774BS

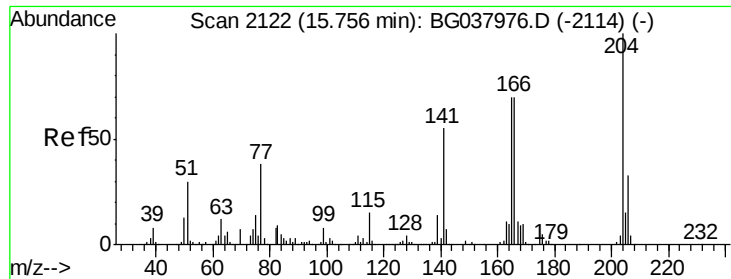
Tgt Ion: 232 Resp: 117478
Ion Ratio Lower Upper
232 100
131 44.7 33.7 50.5
130 2.4 2.1 3.1
166 31.6 24.6 36.8



#60
Diethylphthalate
Concen: 41.933 ng
RT: 15.53 min Scan# 2083
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 149 Resp: 448488
Ion Ratio Lower Upper
149 100
177 22.1 18.3 27.5
150 12.8 10.0 15.0

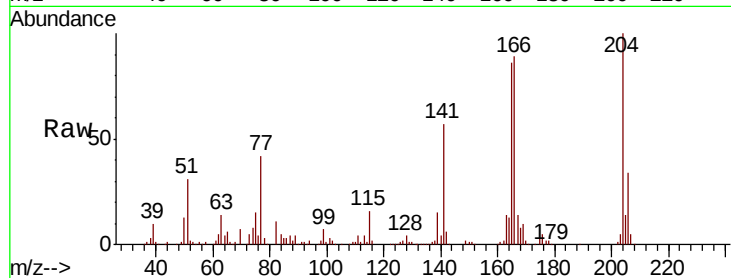




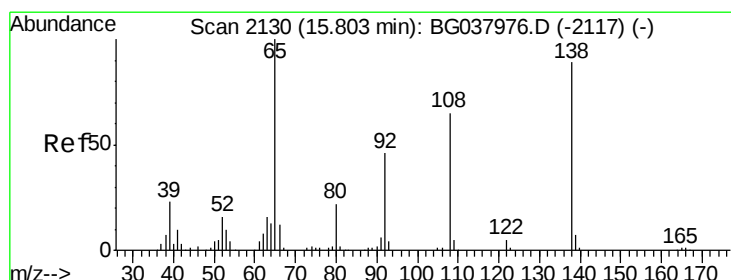
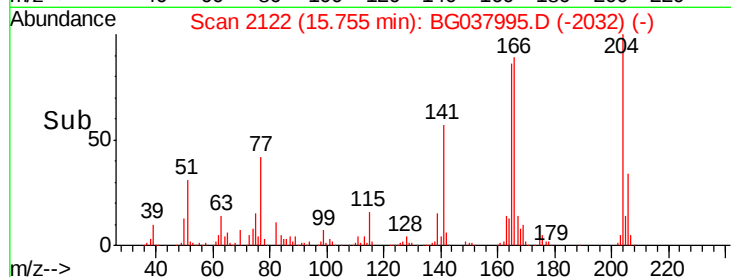
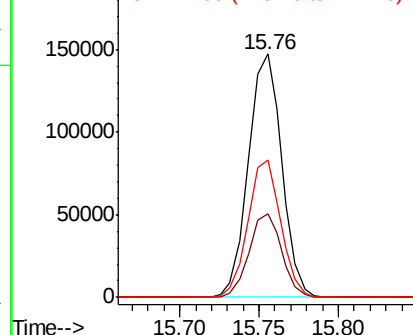
#61
4-Chlorophenyl-phenylether
Concen: 40.432 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Instrument :
BNA_G
ClientSampleId :
PB114774BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.6	39.8
141	56.6	45.4	68.2

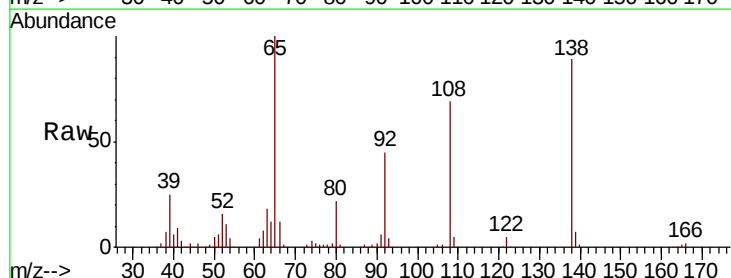


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

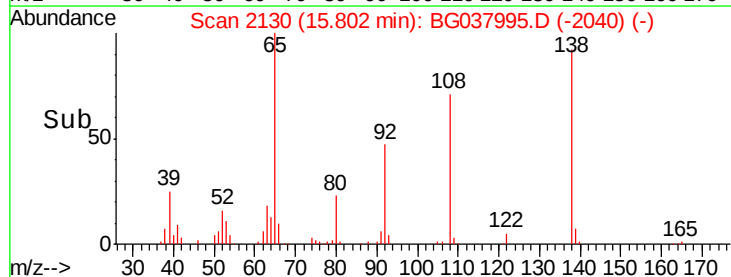
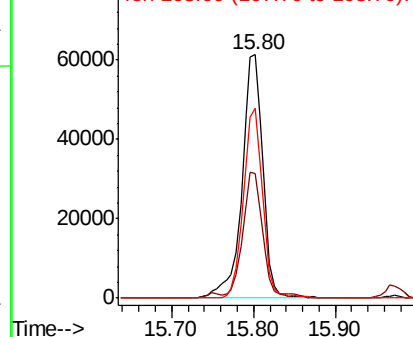


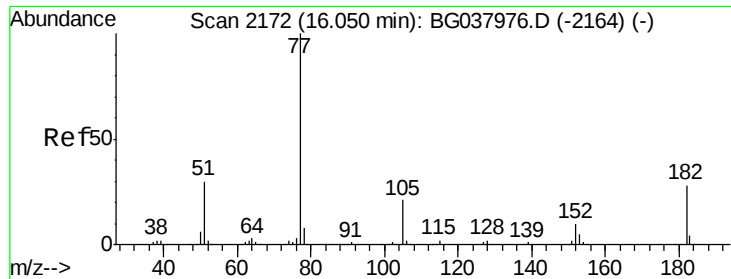
#62
4-Nitroaniline
Concen: 43.484 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.1	36.4	76.4
108	77.9	60.1	100.1



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





#63

Azobenzene

Concen: 43.063 ng

RT: 16.05 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

Tgt Ion: 77 Resp: 411807

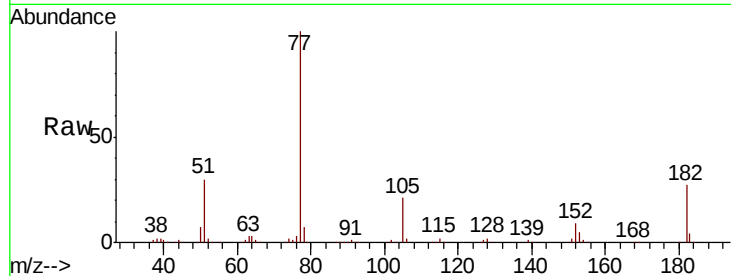
Ion Ratio Lower Upper

77 100

182 27.1 8.0 48.0

105 20.8 1.3 41.3

51 30.0 10.7 50.7

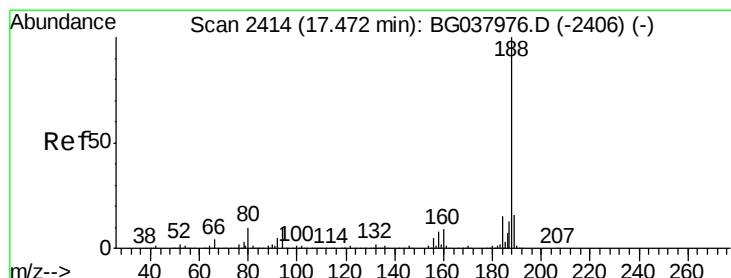
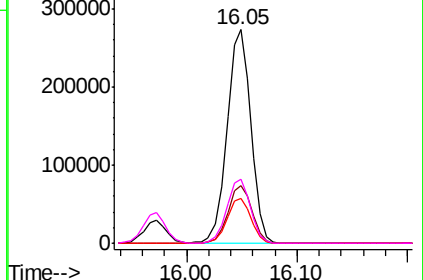
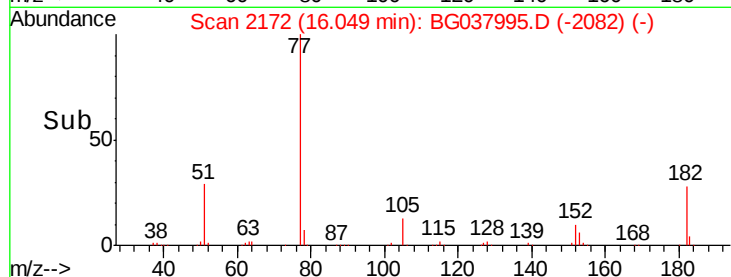


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.47 min Scan# 2414

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

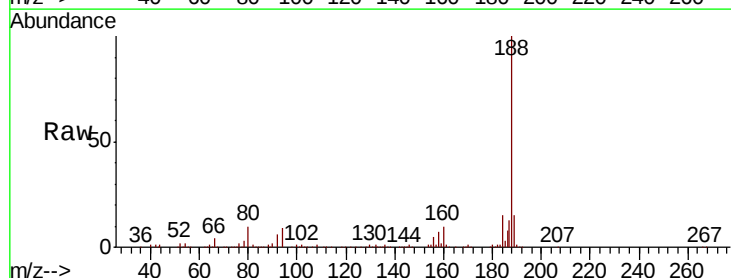
Tgt Ion: 188 Resp: 300861

Ion Ratio Lower Upper

188 100

94 8.6 7.2 10.8

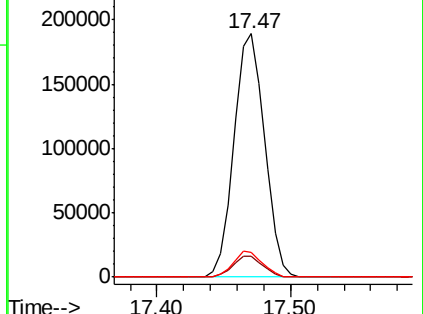
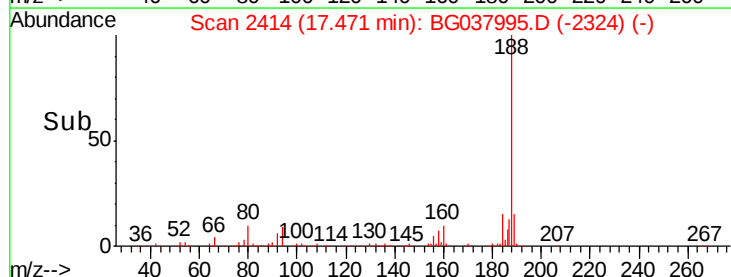
80 10.0 7.7 11.5

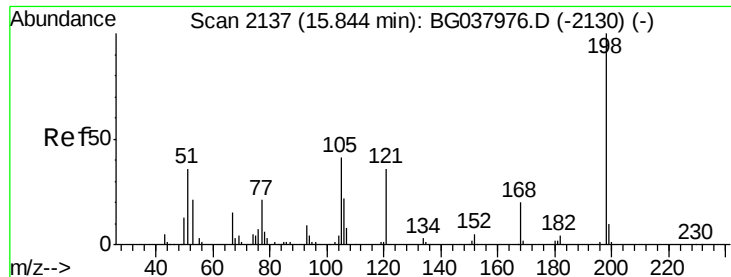


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.835 ng

RT: 15.84 min Scan# 2137

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

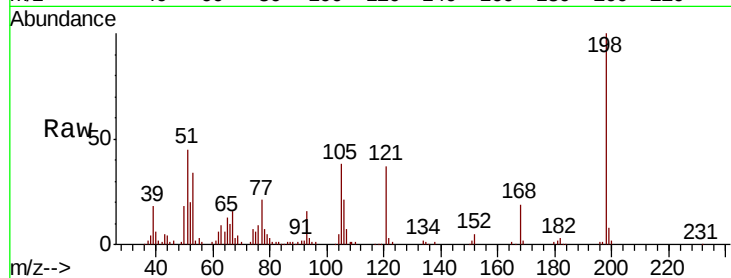
Tgt Ion:198 Resp: 73902

Ion Ratio Lower Upper

198 100

51 45.0 22.7 62.7

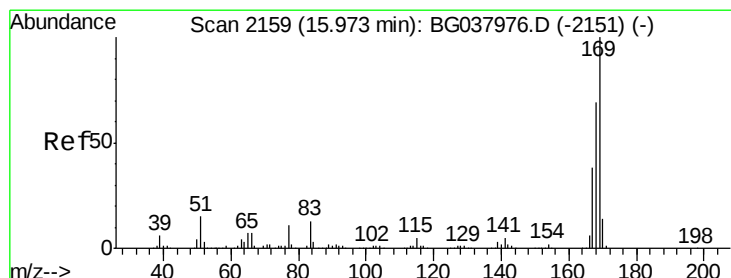
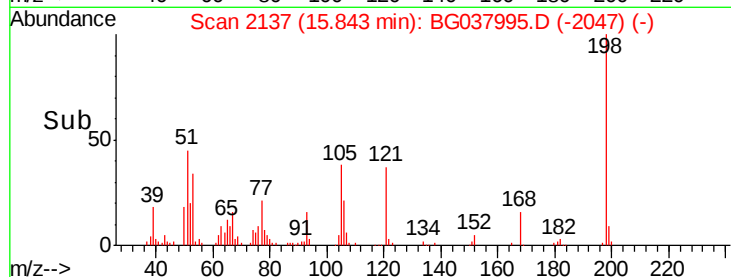
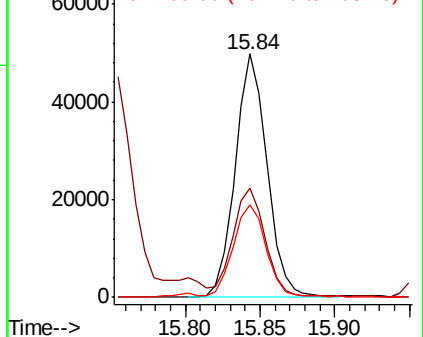
105 37.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.941 ng

RT: 15.97 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

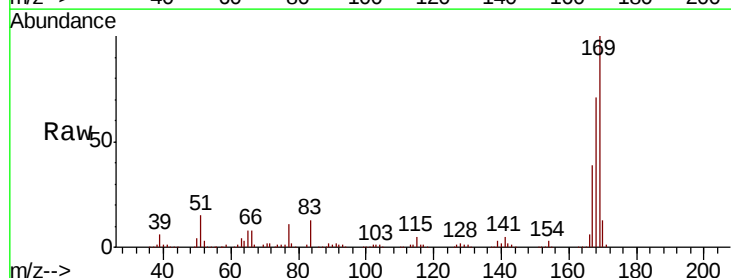
Tgt Ion:169 Resp: 381738

Ion Ratio Lower Upper

169 100

168 70.8 55.7 83.5

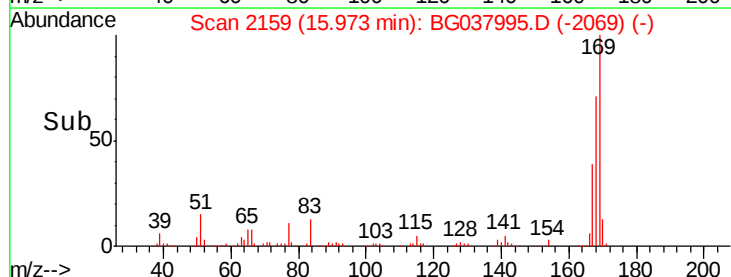
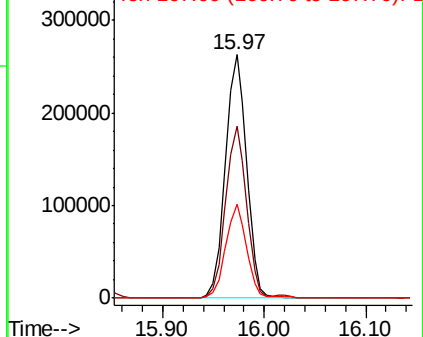
167 38.5 31.3 46.9

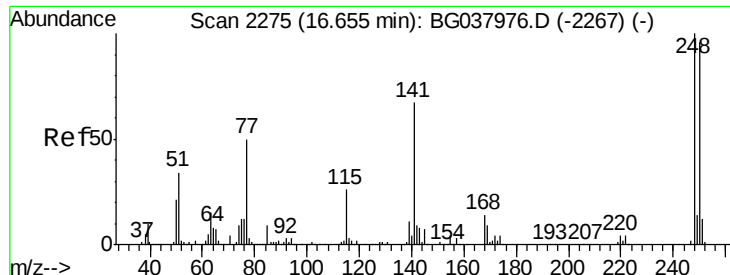


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

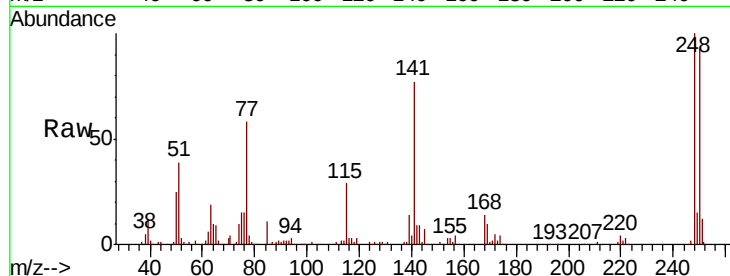




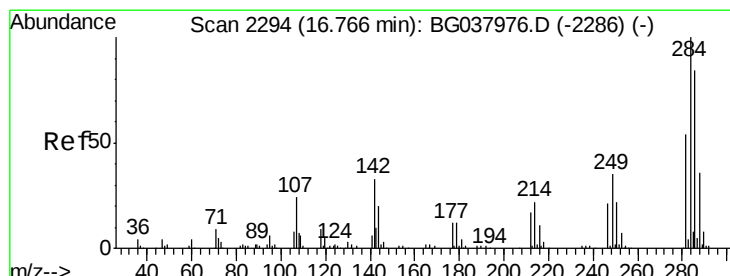
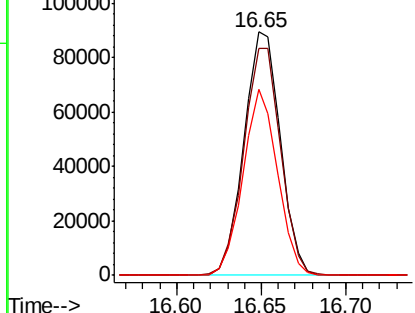
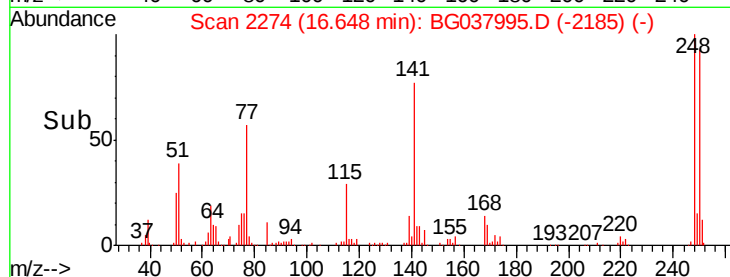
#67
 4-Bromophenyl-phenylether
 Concen: 40.534 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion: 248 Resp: 133852
 Ion Ratio Lower Upper
 248 100
 250 93.2 77.0 115.6
 141 76.7 55.5 83.3

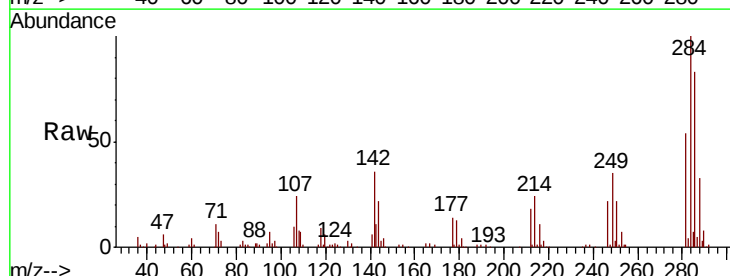


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

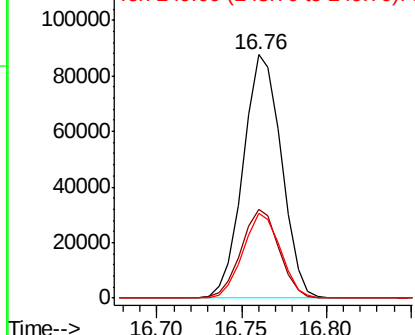
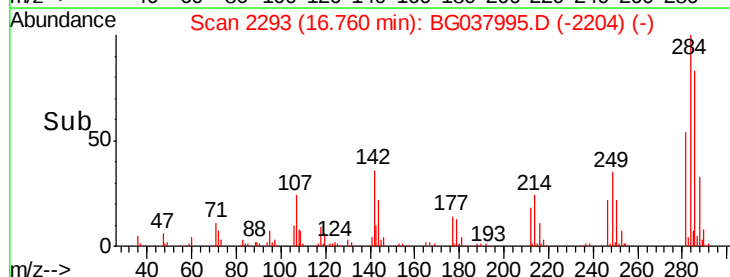


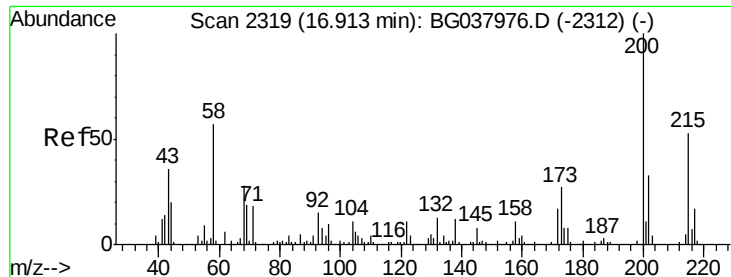
#68
 Hexachlorobenzene
 Concen: 40.499 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion: 284 Resp: 138043
 Ion Ratio Lower Upper
 284 100
 142 36.4 28.1 42.1
 249 37.3 29.8 44.8



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





#69

Atrazine

Concen: 42.724 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

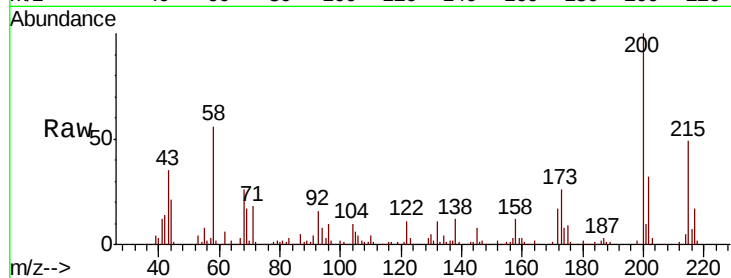
Tgt Ion:200 Resp: 143349

Ion Ratio Lower Upper

200 100

173 26.2 6.1 46.1

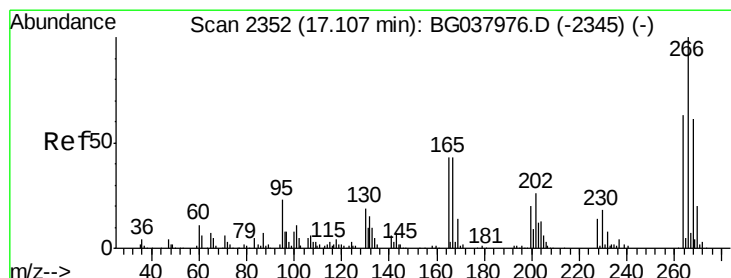
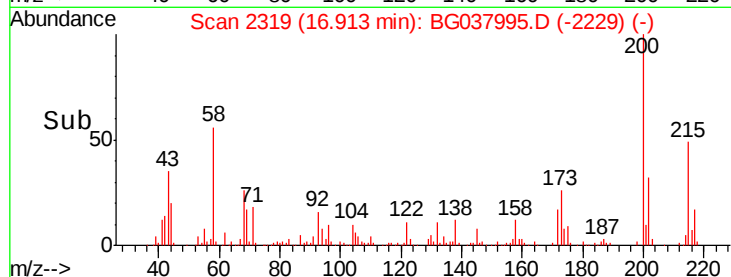
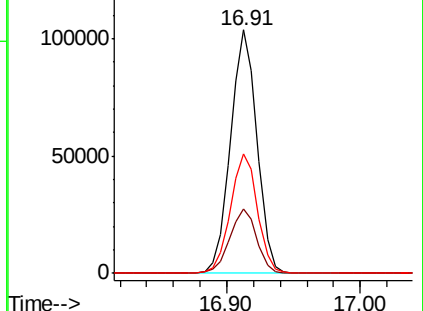
215 49.0 30.8 70.8



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



#70

Pentachlorophenol

Concen: 70.473 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

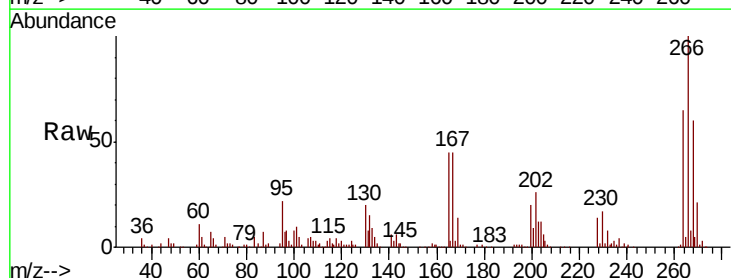
Tgt Ion:266 Resp: 163141

Ion Ratio Lower Upper

266 100

268 65.1 55.0 82.6

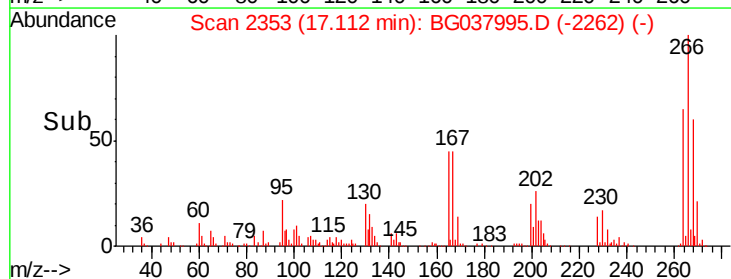
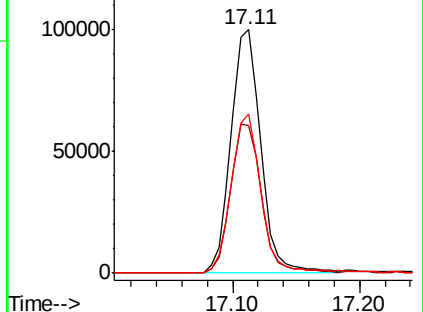
264 70.4 58.9 88.3

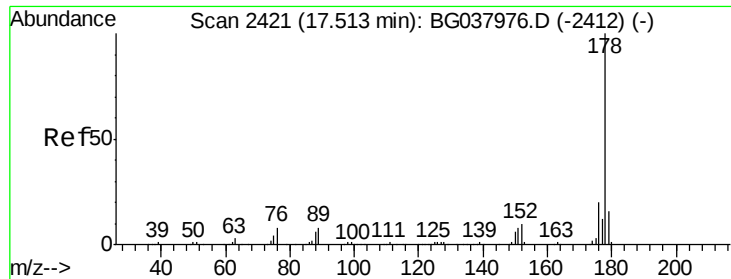


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

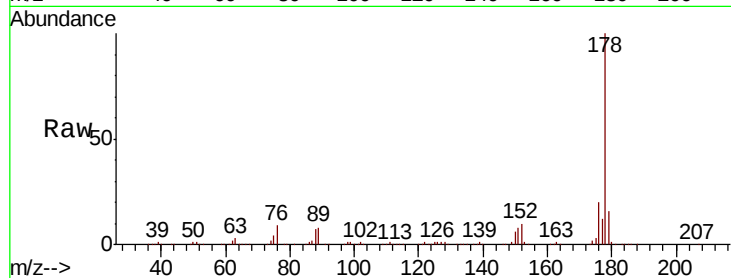




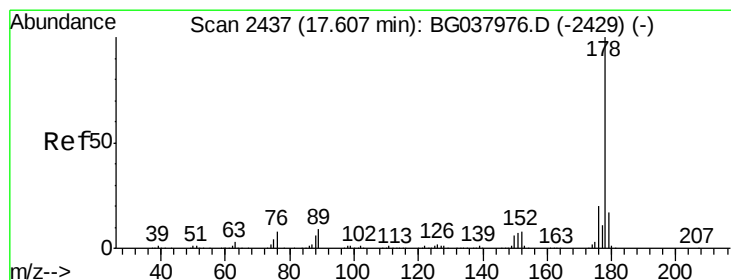
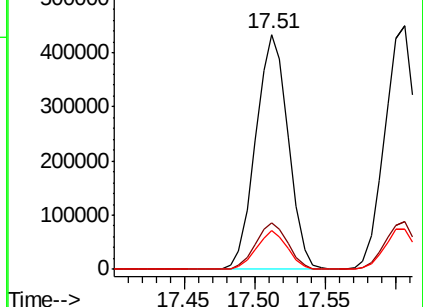
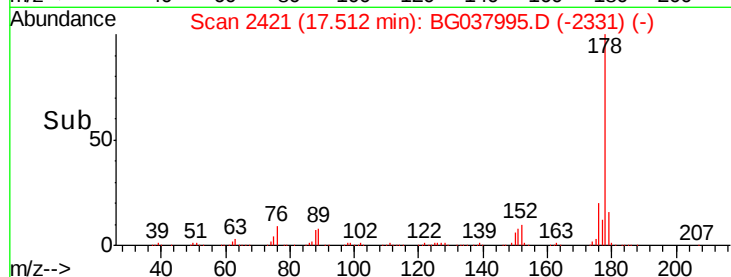
#71
 Phenanthrene
 Concen: 45.529 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.1	24.1
179	16.5	13.0	19.4

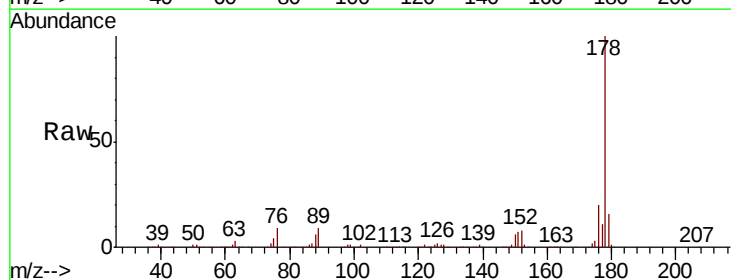


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

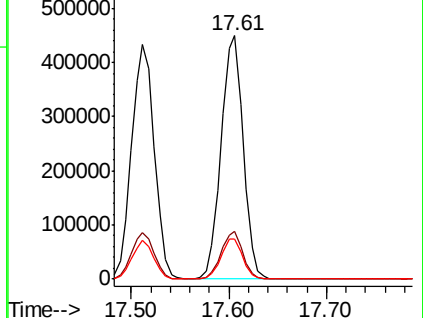
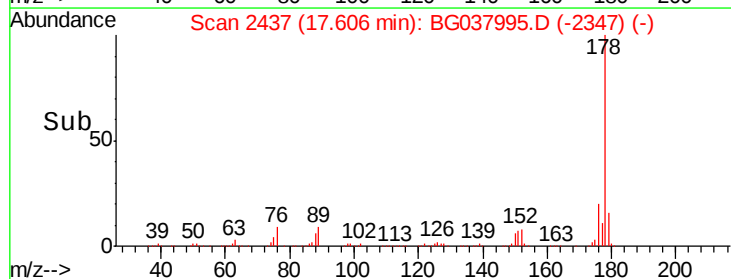


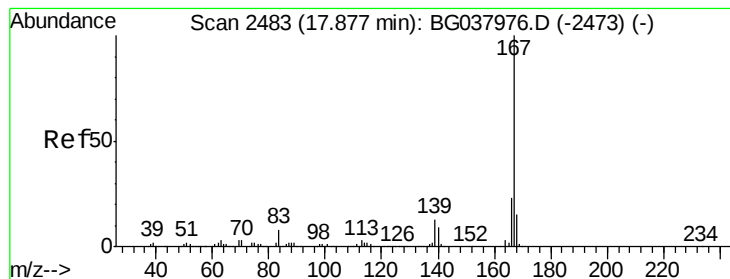
#72
 Anthracene
 Concen: 46.441 ng
 RT: 17.61 min Scan# 2437
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.0	22.4
179	16.5	12.8	19.2



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





#73

Carbazole

Concen: 43.373 ng

RT: 17.88 min Scan# 2483

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampled :

PB114774BS

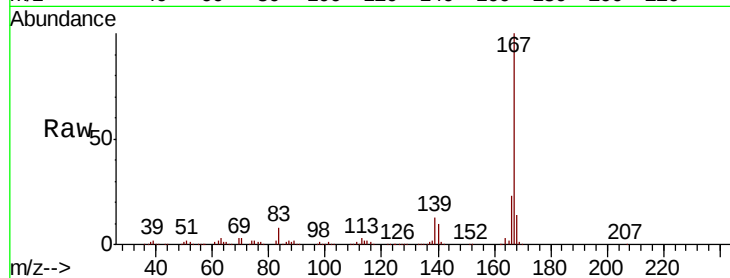
Tgt Ion:167 Resp: 660751

Ion Ratio Lower Upper

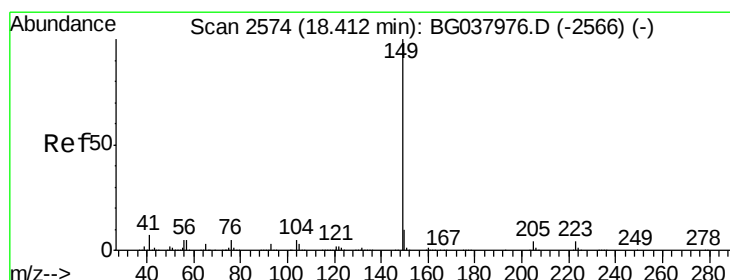
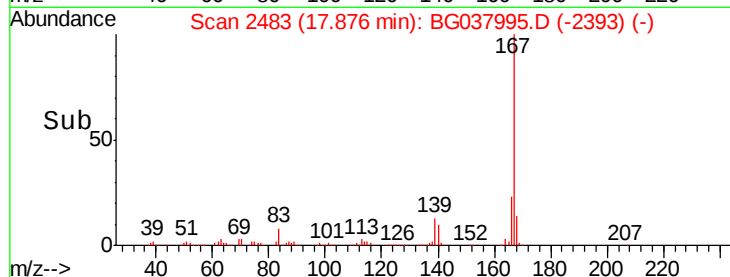
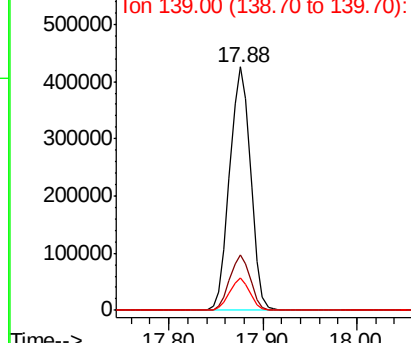
167 100

166 22.6 18.3 27.5

139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.069 ng

RT: 18.41 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

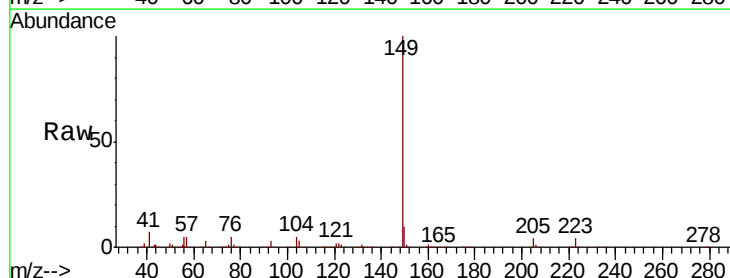
Tgt Ion:149 Resp: 770719

Ion Ratio Lower Upper

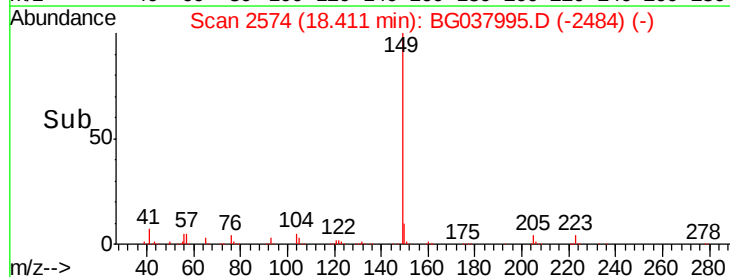
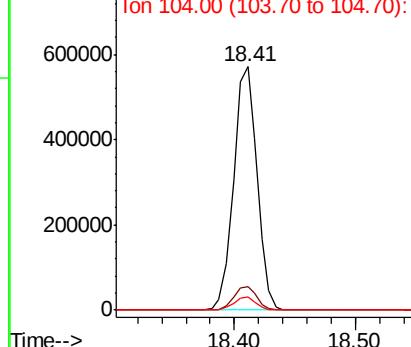
149 100

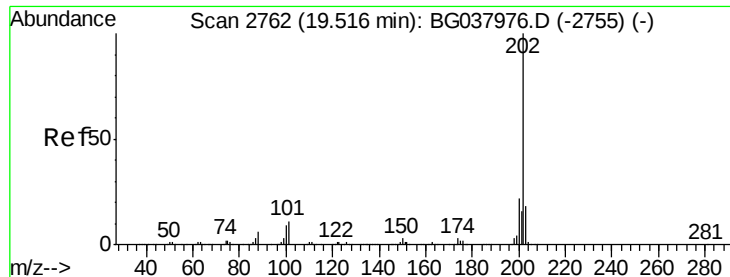
150 9.8 8.2 12.2

104 5.3 4.0 6.0



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





#75

Fluoranthene

Concen: 47.257 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

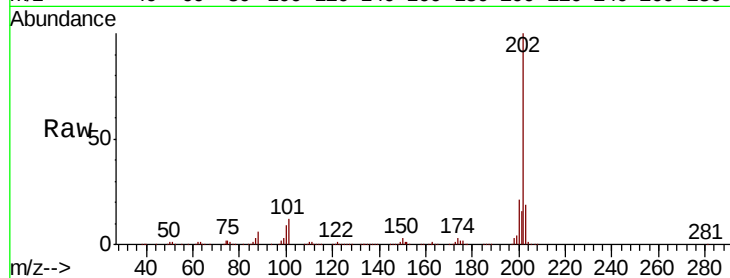
Instrument :

BNA_G

ClientSampleId :

PB114774BS

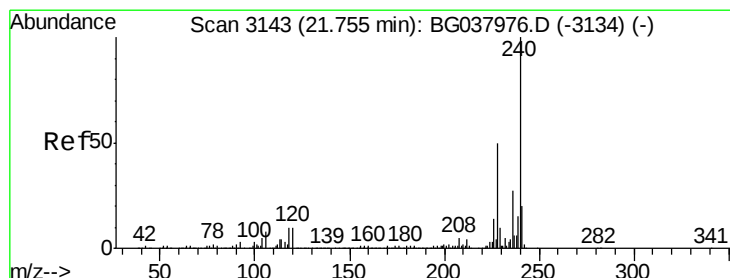
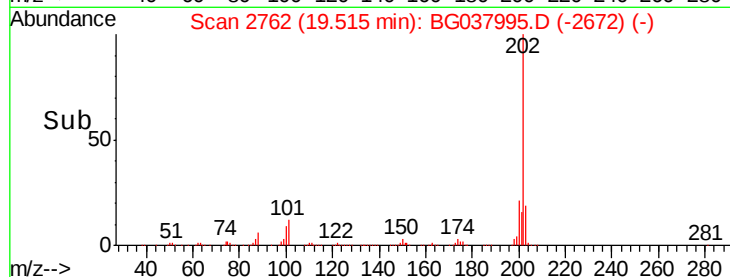
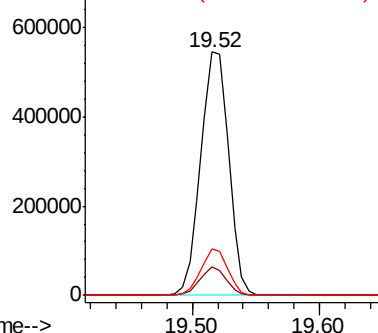
Tgt Ion:	202	Resp:	830517
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.7
203	19.0	0.0	38.5



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



#76

Chrysene-d12

Concen: 20.000 ng

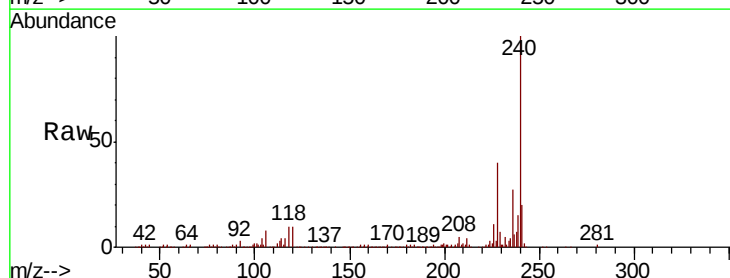
RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

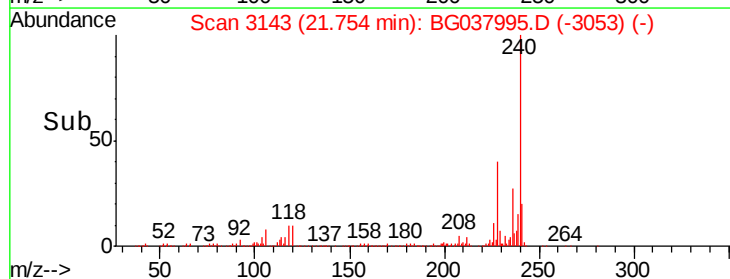
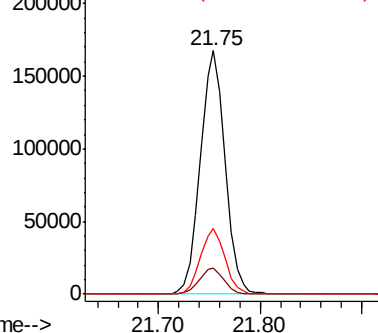
Tgt Ion:	240	Resp:	282739
Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.1	12.1
236	27.0	21.4	32.0

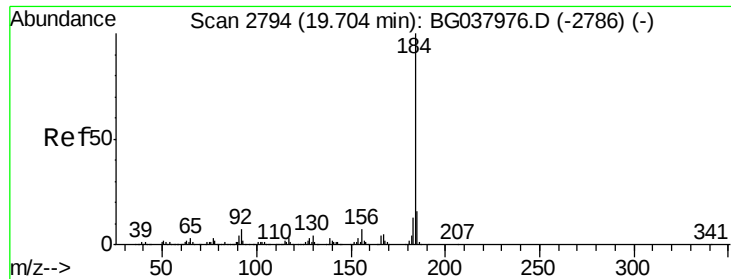


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.014 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

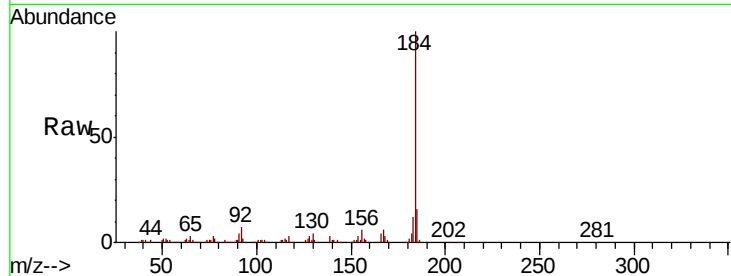
Tgt Ion:184 Resp: 268013

Ion Ratio Lower Upper

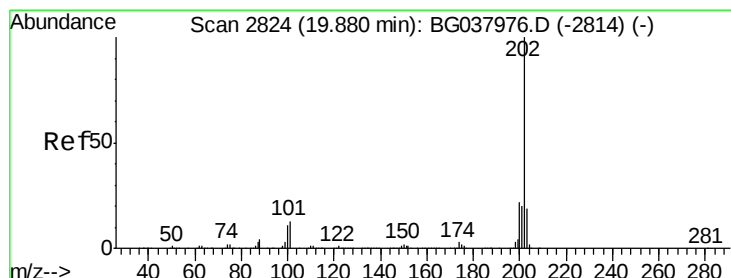
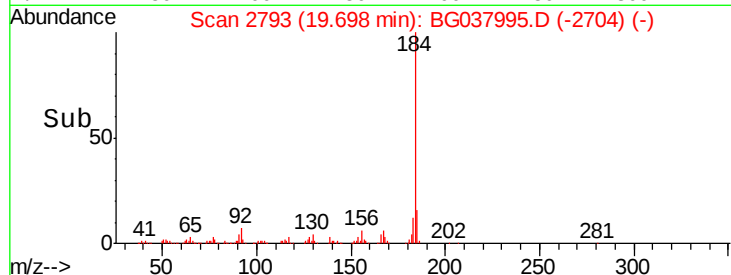
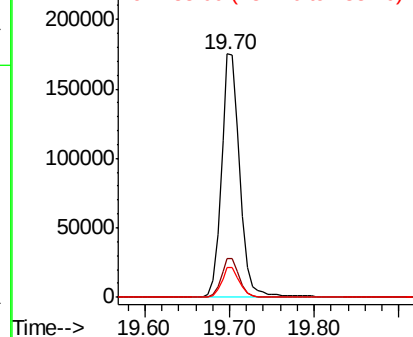
184 100

185 15.9 12.6 18.8

183 12.1 10.2 15.2



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



#78

Pyrene

Concen: 45.543 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

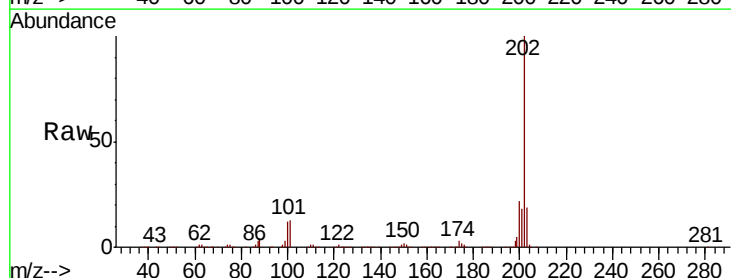
Tgt Ion:202 Resp: 841891

Ion Ratio Lower Upper

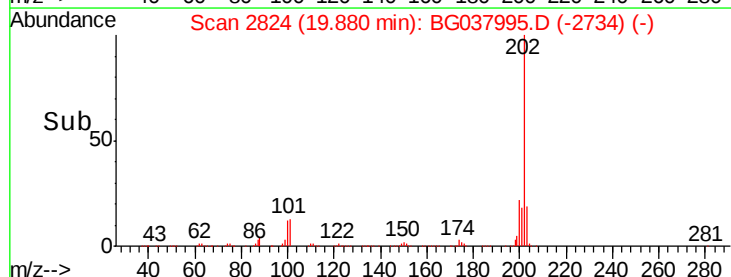
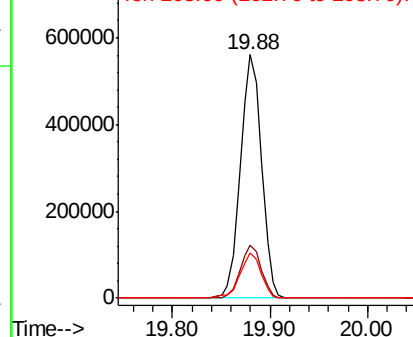
202 100

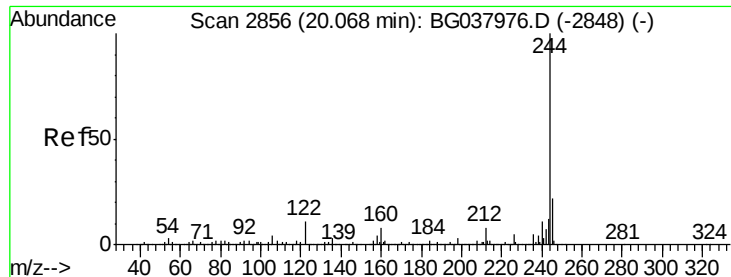
200 21.8 17.8 26.6

203 18.6 15.2 22.8



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





#79

Terphenyl-d14

Concen: 86.608 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

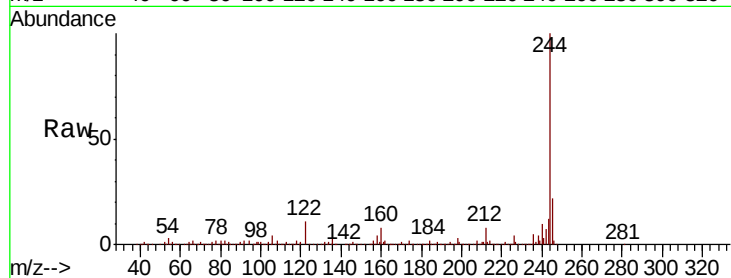
Tgt Ion:244 Resp: 1040692

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

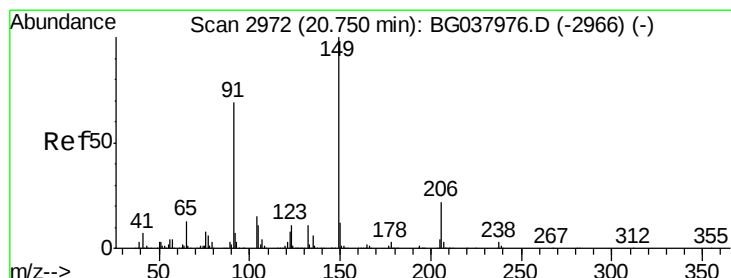
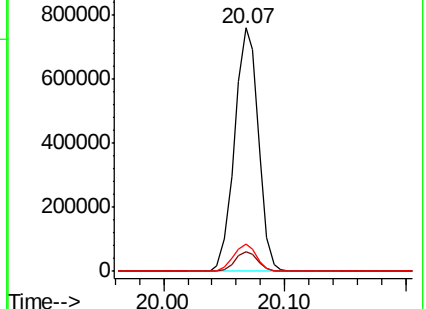
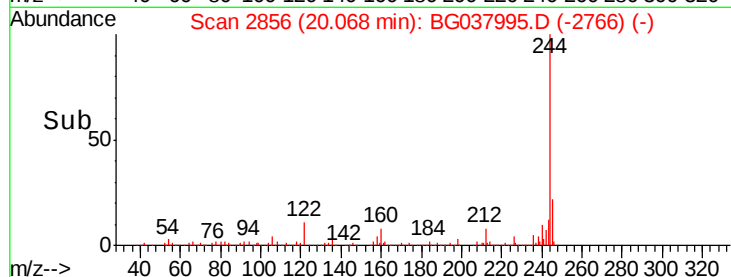
122 11.5 9.0 13.4



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



#80

Butylbenzylphthalate

Concen: 44.616 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

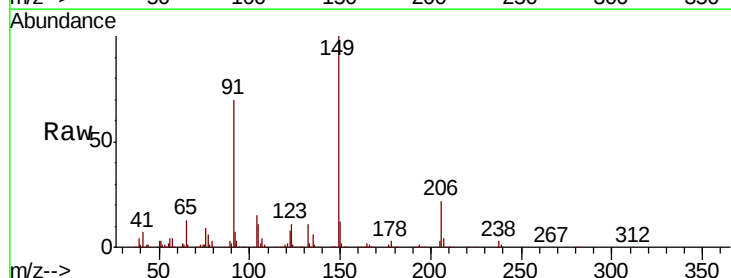
Tgt Ion:149 Resp: 360678

Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.4

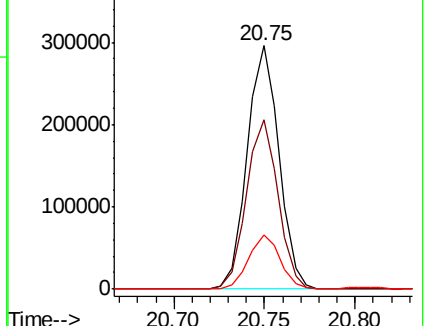
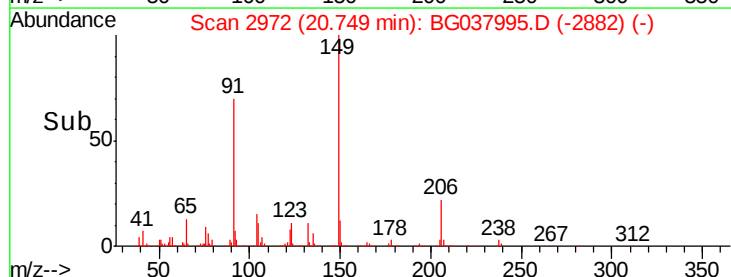
206 22.2 17.8 26.6

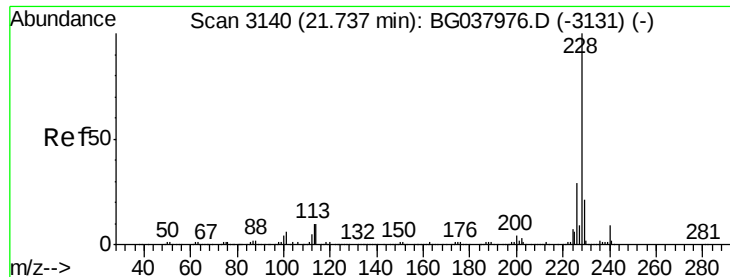


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.455 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

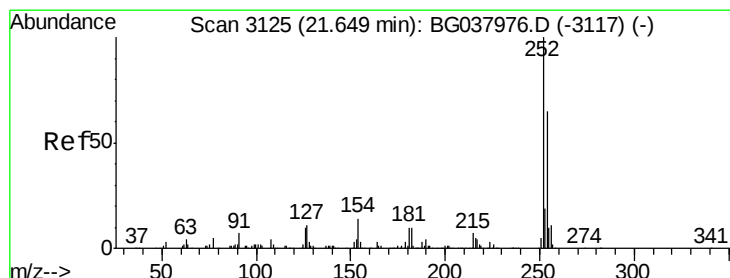
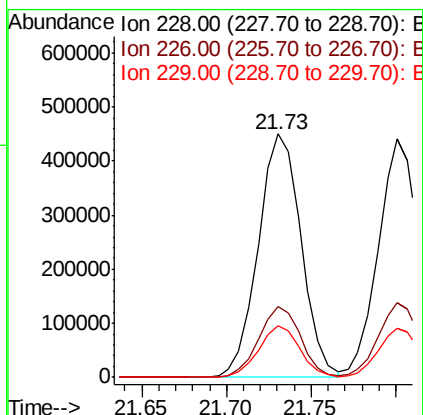
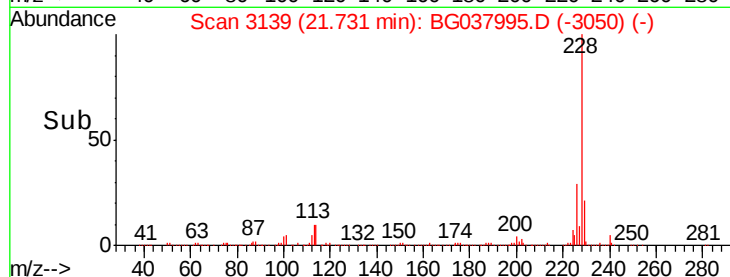
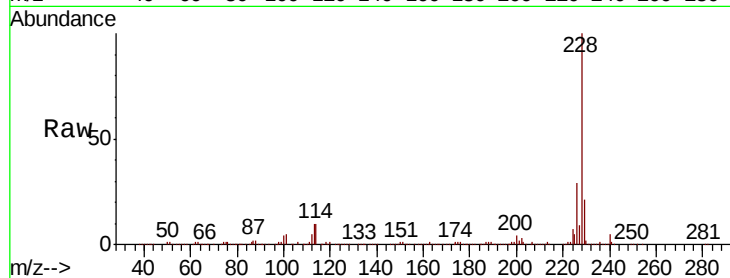
Tgt Ion:228 Resp: 793741

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

229 21.0 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 18.781 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

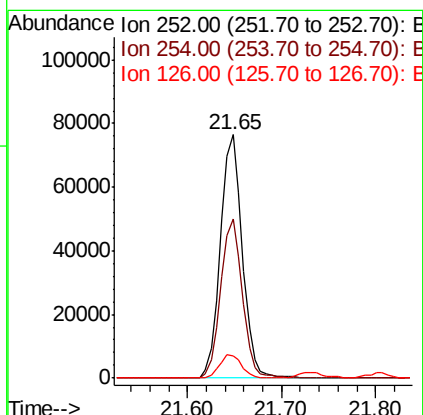
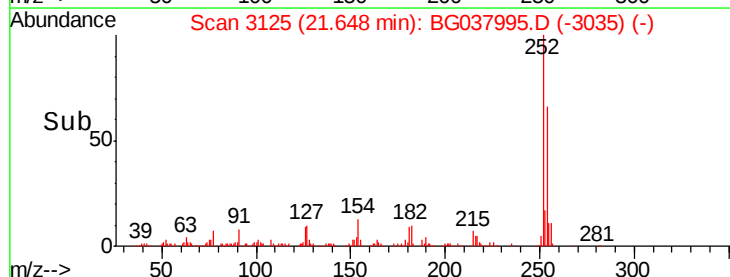
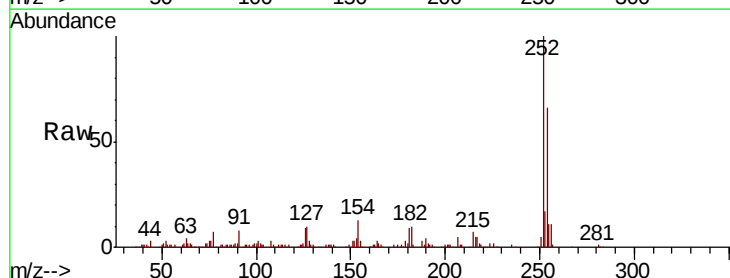
Tgt Ion:252 Resp: 124998

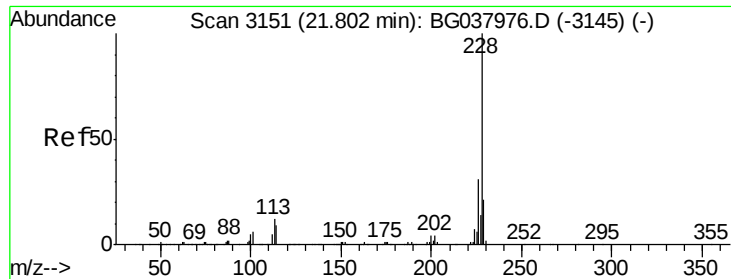
Ion Ratio Lower Upper

252 100

254 65.5 52.0 78.0

126 9.3 8.2 12.4

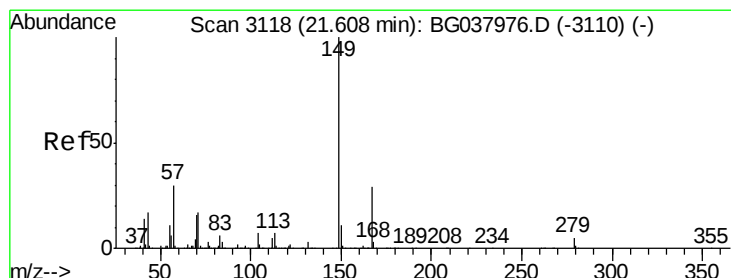
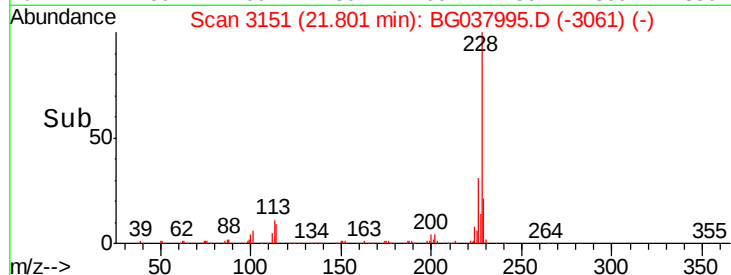
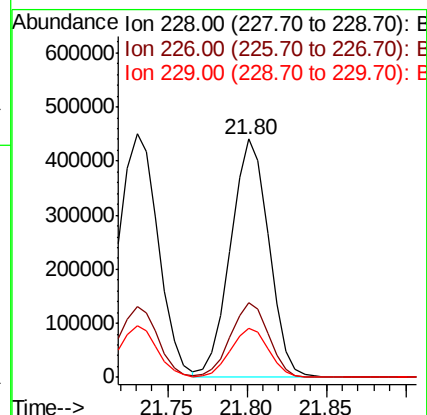
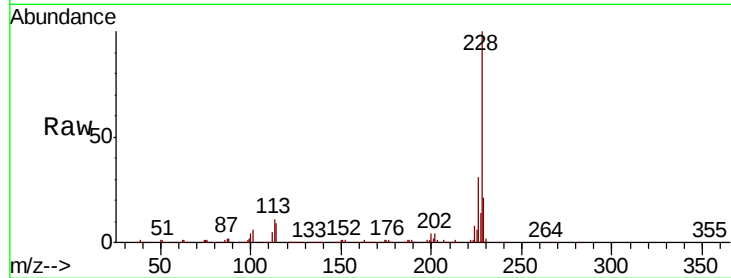




#83
 Chrysene
 Concen: 45.042 ng
 RT: 21.80 min Scan# 3151
 Delta R.T. -0.00 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

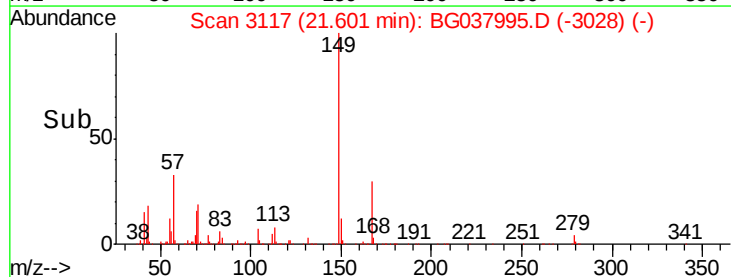
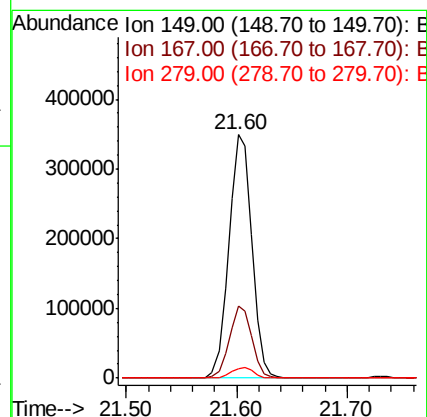
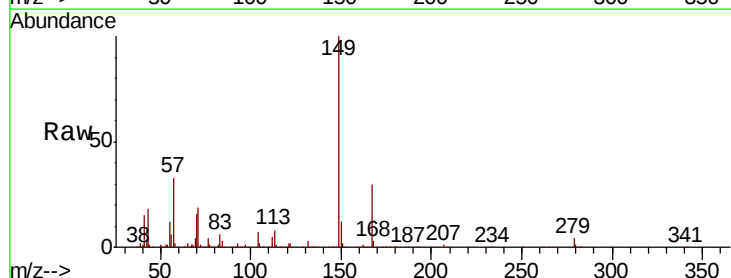
Instrument :
 BNA_G
 ClientSampleId :
 PB114774BS

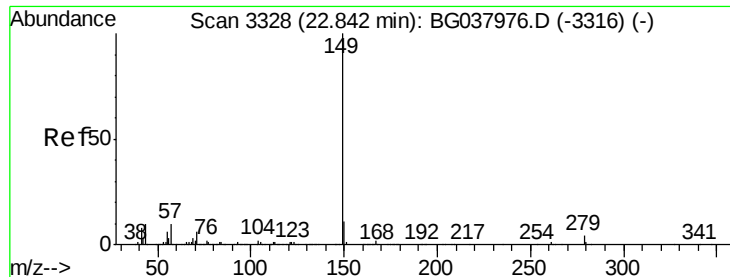
Tgt Ion: 228 Resp: 736344
 Ion Ratio Lower Upper
 228 100
 226 31.4 25.7 38.5
 229 20.9 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.054 ng
 RT: 21.60 min Scan# 3117
 Delta R.T. -0.01 min
 Lab File: BG037995.D
 Acq: 14 Nov 2018 2:31

Tgt Ion: 149 Resp: 507886
 Ion Ratio Lower Upper
 149 100
 167 29.5 23.0 34.4
 279 4.0 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.956 ng

RT: 22.84 min Scan# 3328

Delta R.T. -0.00 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

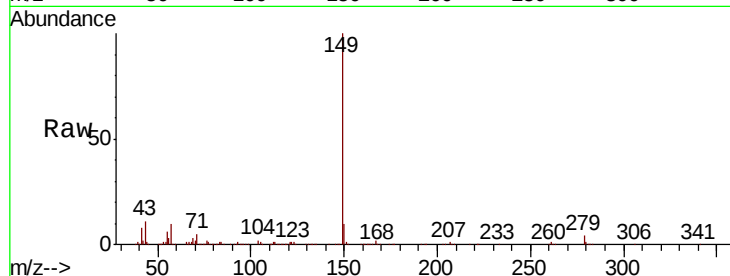
Tgt Ion:149 Resp: 875788

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

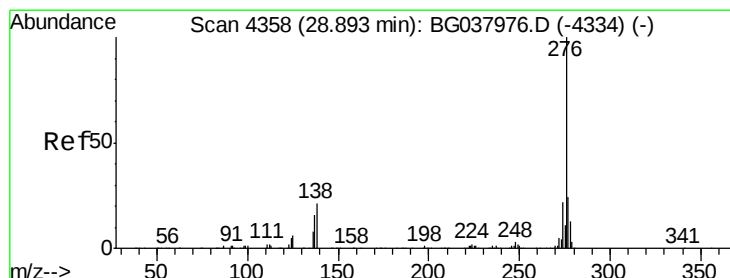
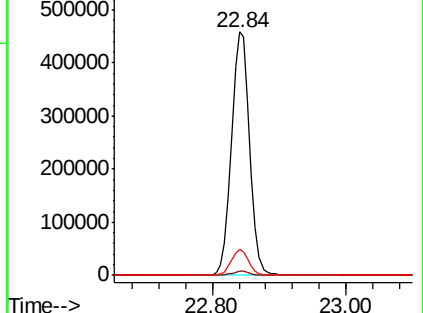
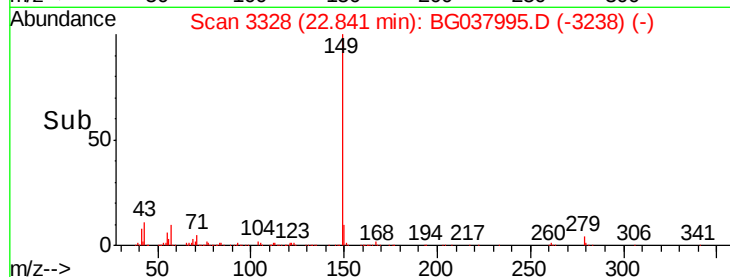
43 10.2 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.874 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

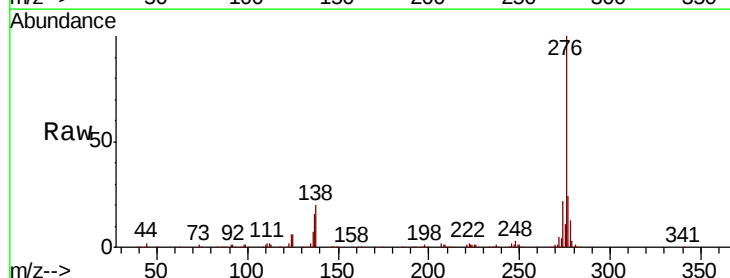
Tgt Ion:276 Resp: 887388

Ion Ratio Lower Upper

276 100

138 16.3 12.0 18.0

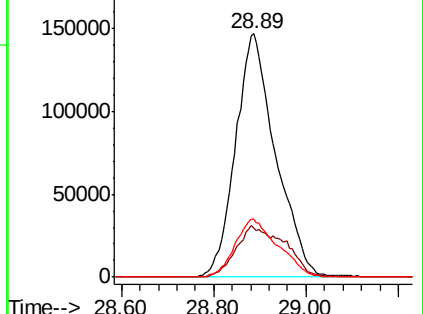
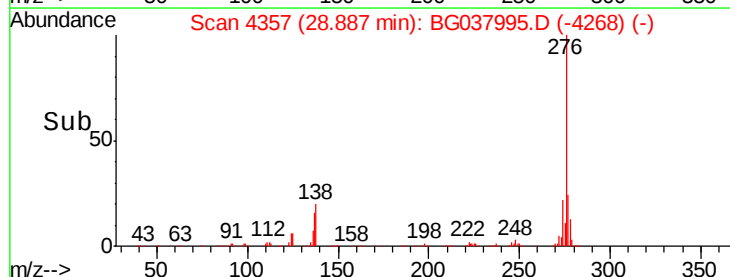
277 25.6 20.6 30.8

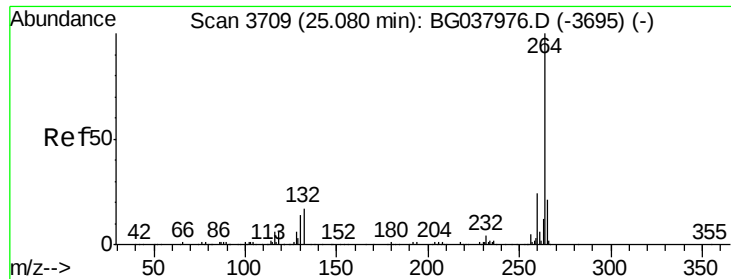


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

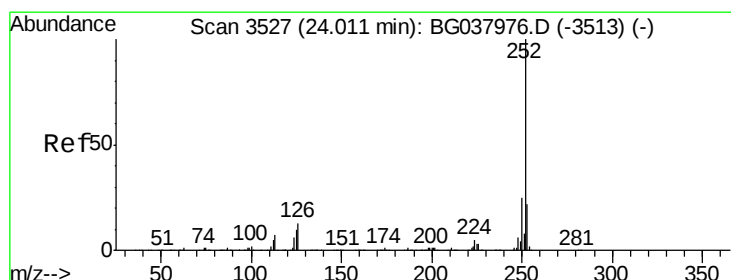
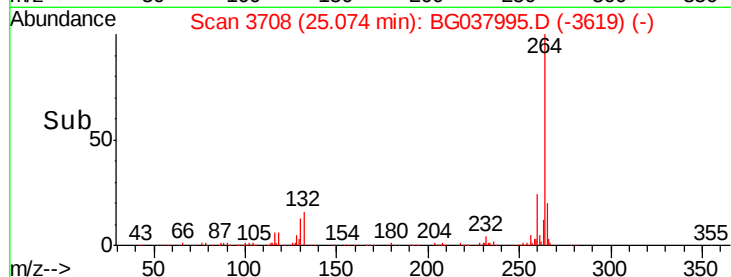
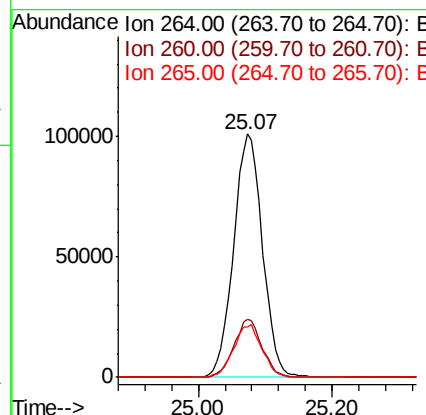
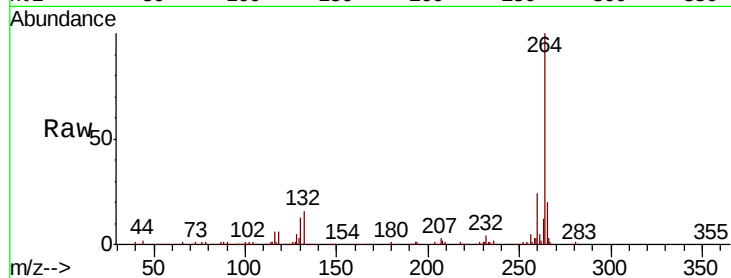




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

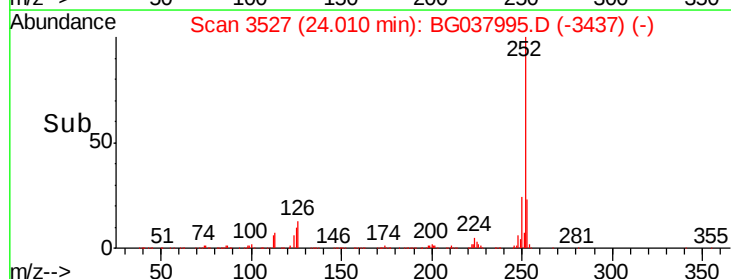
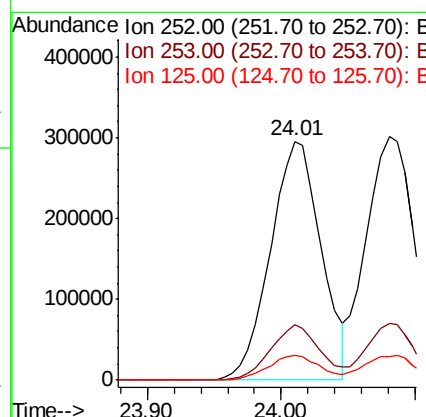
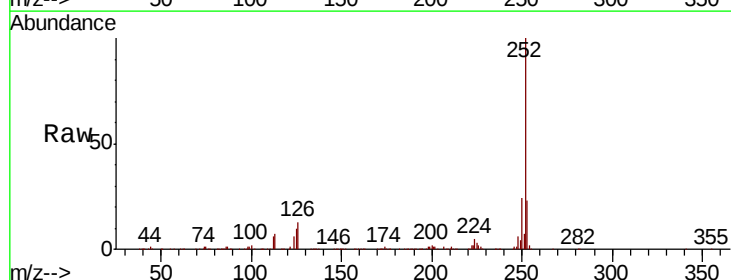
Instrument :
BNA_G
ClientSampleId :
PB114774BS

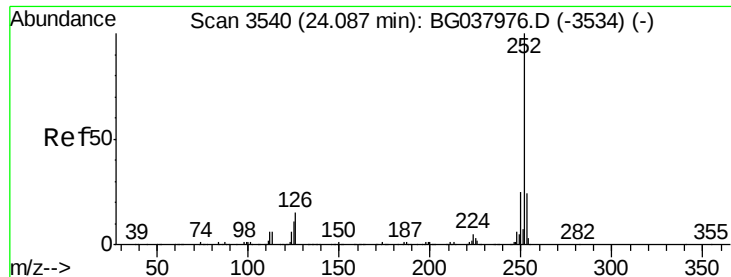
Tgt Ion: 264 Resp: 304588
Ion Ratio Lower Upper
264 100
260 23.7 18.2 27.4
265 20.5 17.9 26.9



#88
Benzo(b)fluoranthene
Concen: 46.466 ng
RT: 24.01 min Scan# 3527
Delta R.T. -0.00 min
Lab File: BG037995.D
Acq: 14 Nov 2018 2:31

Tgt Ion: 252 Resp: 778851
Ion Ratio Lower Upper
252 100
253 23.1 18.2 27.2
125 10.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 46.017 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

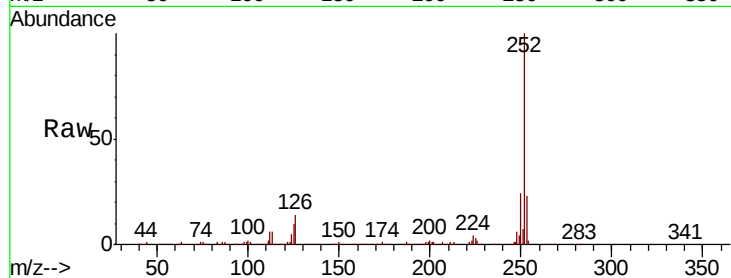
Tgt Ion:252 Resp: 761094

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

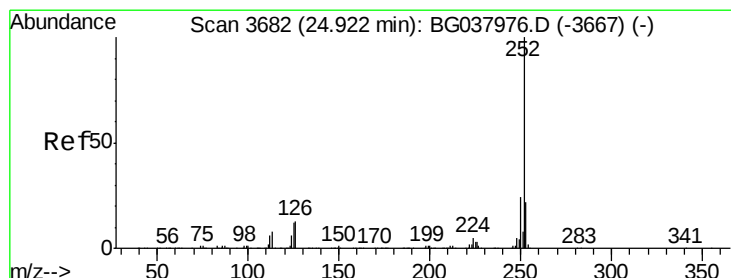
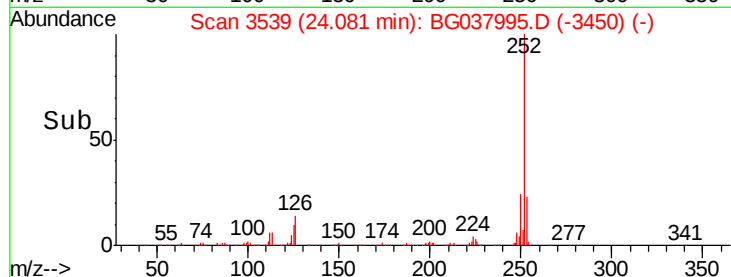
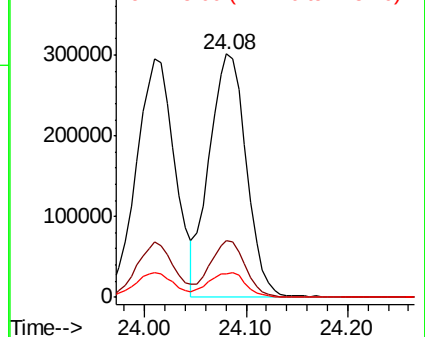
125 9.9 7.4 11.0



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

Benzo(a)pyrene

Concen: 47.889 ng

RT: 24.92 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

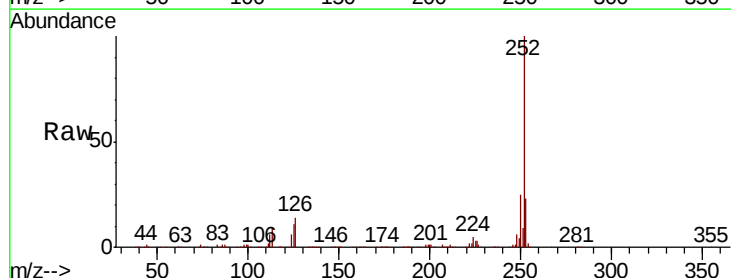
Tgt Ion:252 Resp: 767127

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

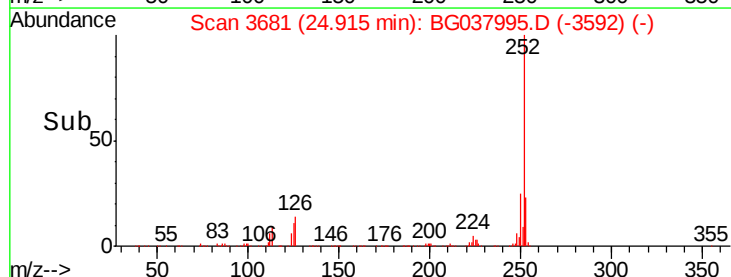
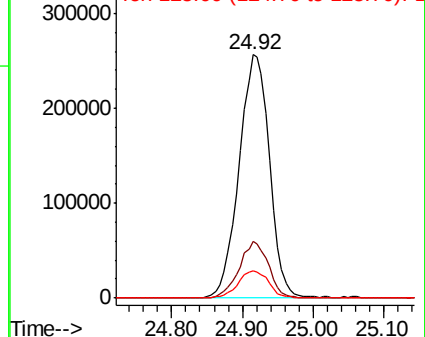
125 11.2 9.0 13.6

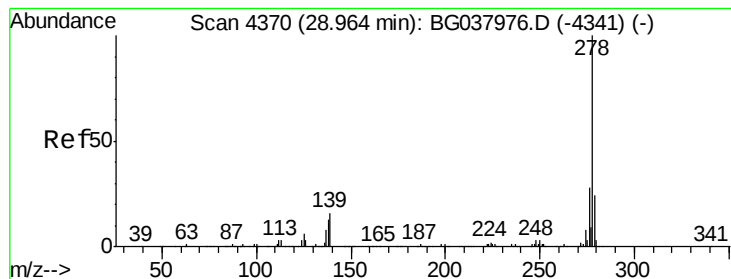


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.732 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

Instrument :

BNA_G

ClientSampleId :

PB114774BS

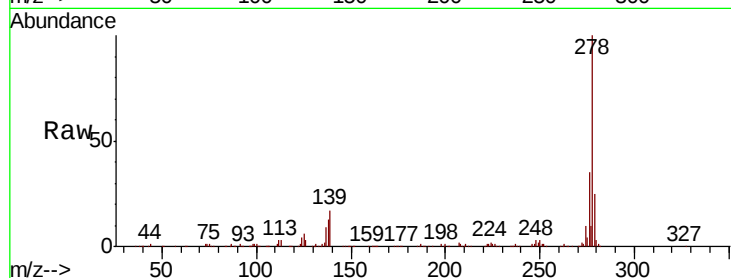
Tgt Ion:278 Resp: 735681

Ion Ratio Lower Upper

278 100

139 16.6 11.5 17.3

279 24.8 18.6 27.8

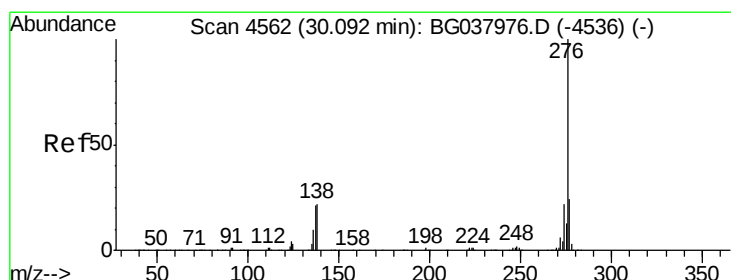
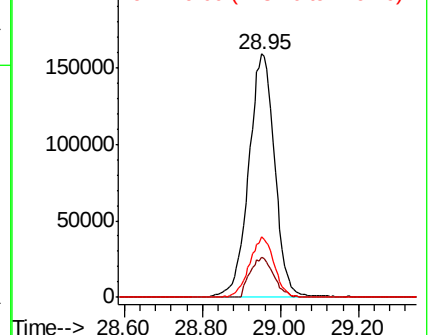
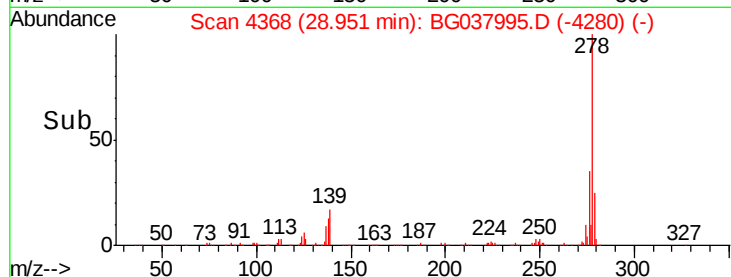


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 47.759 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG037995.D

Acq: 14 Nov 2018 2:31

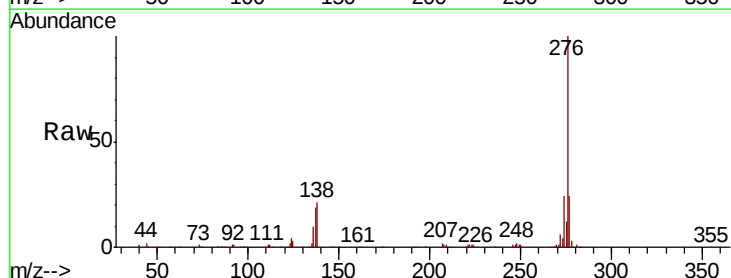
Tgt Ion:276 Resp: 731912

Ion Ratio Lower Upper

276 100

277 23.5 18.9 28.3

138 21.2 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

