

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037799.D
 Acq On : 5 Nov 2018 12:35
 Operator : JU/SJ
 Sample : PB114322BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Quant Time: Nov 05 13:51:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	47969	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	220010	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	143663	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	331352	20.00	ng	0.00
76) Chrysene-d12	21.76	240	302560	20.00	ng	0.00
87) Perylene-d12	25.09	264	300864	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	476643	166.12	ng	0.00
7) Phenol-d6	7.24	99	680574	156.86	ng	0.00
23) Nitrobenzene-d5	9.27	82	310413	79.04	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	247298	157.82	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	777198	81.58	ng	0.00
79) Terphenyl-d14	20.07	244	1110056	78.40	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.52	88	64583	44.385 ng	94
3) Pyridine	3.92	79	129691	35.363 ng	94
4) n-Nitrosodimethylamine	3.85	42	54402	41.647 ng	95
6) Aniline	7.42	93	169386	32.003 ng	97
8) 2-Chlorophenol	7.65	128	148382	44.207 ng	98
9) Benzaldehyde	7.24	77	101753	37.492 ng	93
10) Phenol	7.27	94	196561	42.939 ng	99
11) bis(2-Chloroethyl)ether	7.51	93	134655	38.730 ng	95
12) 1,3-Dichlorobenzene	7.98	146	149953	40.129 ng	94
13) 1,4-Dichlorobenzene	8.13	146	154391	40.392 ng	98
14) 1,2-Dichlorobenzene	8.45	146	149380	40.627 ng	98
15) Benzyl Alcohol	8.33	79	128768	40.167 ng	95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	242617	39.000 ng	98
17) 2-Methylphenol	8.53	107	134894	44.573 ng	97
18) Hexachloroethane	9.18	117	53779	41.270 ng	91
19) n-Nitroso-di-n-propylamine	8.90	70	112099	37.521 ng	94
20) 3+4-Methylphenols	8.86	107	185395	42.847 ng	98
22) Acetophenone	8.93	105	219384	39.760 ng	# 96
24) Nitrobenzene	9.32	77	163354	40.038 ng	95
25) Isophorone	9.83	82	315768	44.003 ng	97
26) 2-Nitrophenol	10.03	139	80690	43.901 ng	92
27) 2,4-Dimethylphenol	10.07	122	158447	48.282 ng	97
28) bis(2-Chloroethoxy)methane	10.31	93	196207	41.732 ng	97
29) 2,4-Dichlorophenol	10.55	162	159371	43.617 ng	99
30) 1,2,4-Trichlorobenzene	10.77	180	162952	41.010 ng	99
31) Naphthalene	10.97	128	480540	44.468 ng	100
32) Benzoic acid	10.18	122	64495	30.258 ng	94
33) 4-Chloroaniline	11.08	127	138207	27.220 ng	97
34) Hexachlorobutadiene	11.23	225	97711	41.491 ng	99
35) Caprolactam	11.86	113	56114	38.292 ng	98
36) 4-Chloro-3-methylphenol	12.18	107	172741	41.920 ng	98
37) 2-Methylnaphthalene	12.56	142	366277	46.497 ng	98
38) 1-Methylnaphthalene	12.78	142	348523	45.558 ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	193883	41.840 ng	99

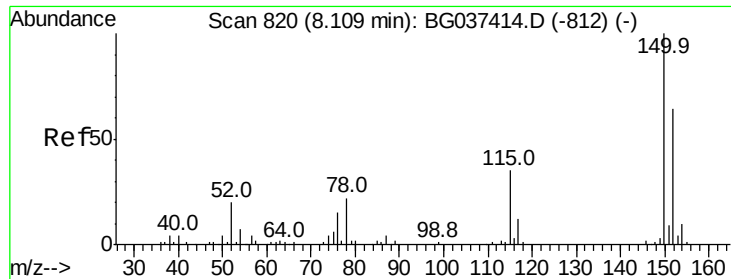
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037799.D
 Acq On : 5 Nov 2018 12:35
 Operator : JU/SJ
 Sample : PB114322BS
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	229976	103.897	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	133140	43.006	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	143616	42.608	ng	97
46) 1,1'-Biphenyl	13.56	154	475206	39.941	ng	98
47) 2-Chloronaphthalene	13.61	162	375819	41.752	ng	98
48) 2-Nitroaniline	13.82	65	112939	41.375	ng	91
49) Acenaphthylene	14.46	152	617442	45.601	ng	99
50) Dimethylphthalate	14.18	163	465762	41.908	ng	99
51) 2,6-Dinitrotoluene	14.31	165	104631	42.556	ng	92
52) Acenaphthene	14.80	154	353448	42.385	ng	99
53) 3-Nitroaniline	14.64	138	94031	34.451	ng	# 90
54) 2,4-Dinitrophenol	14.84	184	58704	62.829	ng	98
55) Dibenzofuran	15.13	168	581174	42.065	ng	100
56) 4-Nitrophenol	14.94	139	212610	105.235	ng	94
57) 2,4-Dinitrotoluene	15.09	165	144818	44.872	ng	97
58) Fluorene	15.78	166	464198	44.866	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	126280	43.757	ng	98
60) Diethylphthalate	15.53	149	475610	41.683	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	243188	40.326	ng	97
62) 4-Nitroaniline	15.81	138	112056	41.316	ng	89
63) Azobenzene	16.05	77	447124	41.071	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	61864	37.780	ng	98
66) n-Nitrosodiphenylamine	15.98	169	423194	42.459	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	149232	41.011	ng	97
68) Hexachlorobenzene	16.77	284	152675	40.484	ng	96
69) Atrazine	16.92	200	150749	41.832	ng	98
70) Pentachlorophenol	17.12	266	156875	62.101	ng	96
71) Phenanthrene	17.52	178	745496	44.268	ng	100
72) Anthracene	17.61	178	761371	46.070	ng	99
73) Carbazole	17.88	167	674240	40.786	ng	99
74) Di-n-butylphthalate	18.42	149	792273	43.082	ng	99
75) Fluoranthene	19.52	202	854530	44.739	ng	99
77) Benzidine	19.71	184	363167	35.301	ng	99
78) Pyrene	19.89	202	856104	43.284	ng	99
80) Butylbenzylphthalate	20.75	149	357295	44.140	ng	97
81) Benzo(a)anthracene	21.74	228	803829	44.916	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	221725	31.964	ng	98
83) Chrysene	21.81	228	754712	43.857	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	504465	44.460	ng	97
85) Di-n-octyl phthalate	22.85	149	845024	45.672	ng	97
86) Indeno(1,2,3-cd)pyrene	28.90	276	708766	38.401	ng	97
88) Benzo(b)fluoranthene	24.02	252	762584	46.233	ng	99
89) Benzo(k)fluoranthene	24.09	252	771350	47.732	ng	99
90) Benzo(a)pyrene	24.93	252	729895	46.569	ng	98
91) Dibenzo(a,h)anthracene	28.97	278	557263	38.544	ng	97
92) Benzo(g,h,i)perylene	30.10	276	586588	40.103	ng	97

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

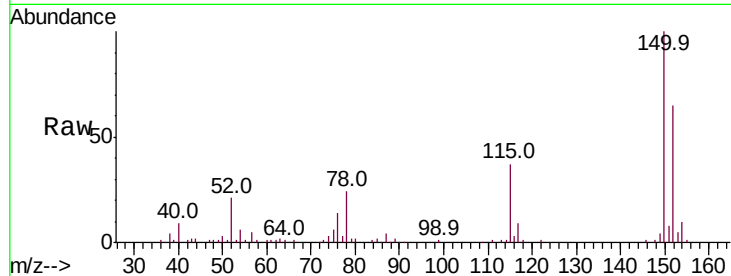


#1

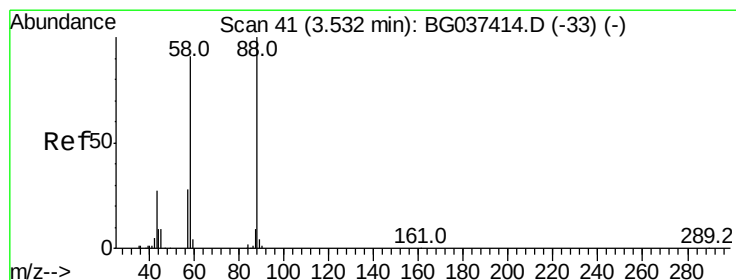
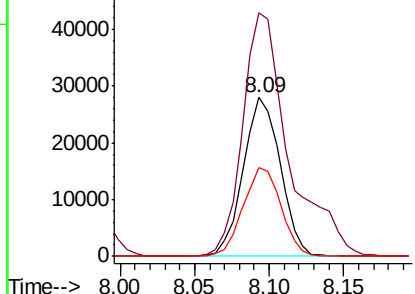
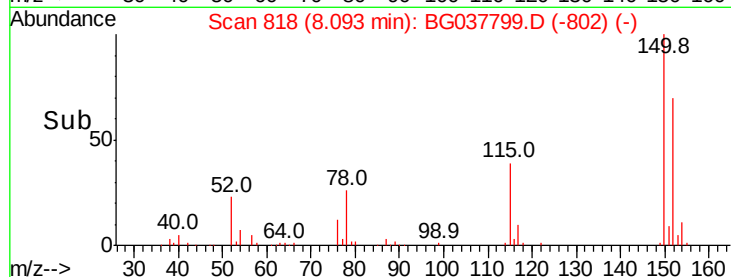
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:152 Resp: 47969
Ion Ratio Lower Upper
152 100
150 153.3 126.0 189.0
115 56.1 45.5 68.3



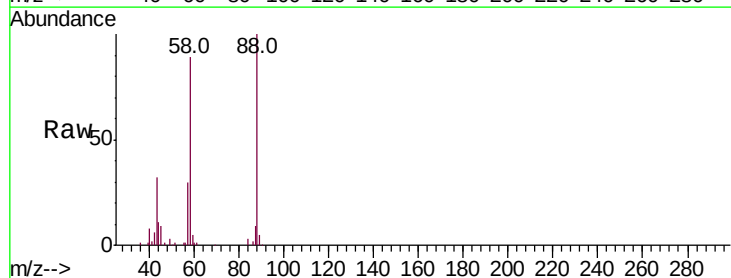
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



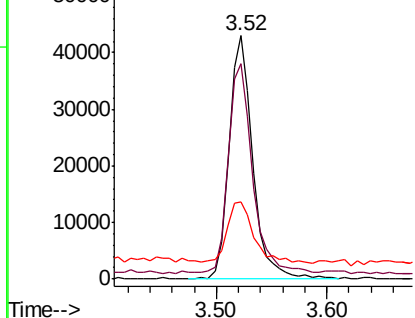
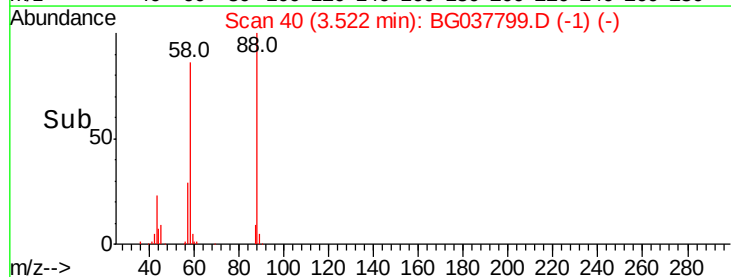
#2

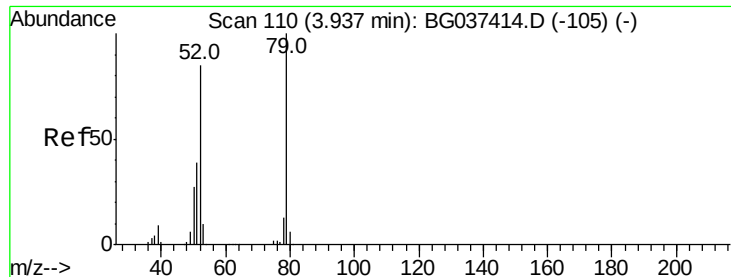
1,4-Dioxane
Concen: 44.385 ng
RT: 3.52 min Scan# 40
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion: 88 Resp: 64583
Ion Ratio Lower Upper
88 100
58 86.3 74.4 111.6
43 29.5 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

Pvridine

Concen: 35.363 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

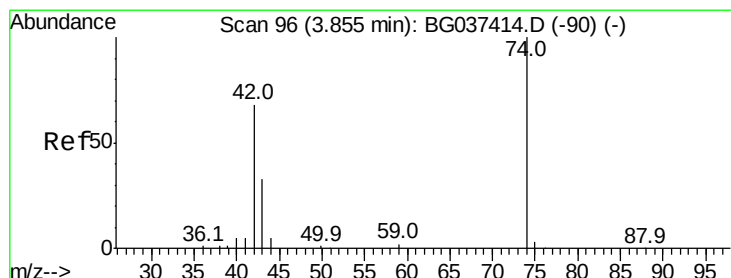
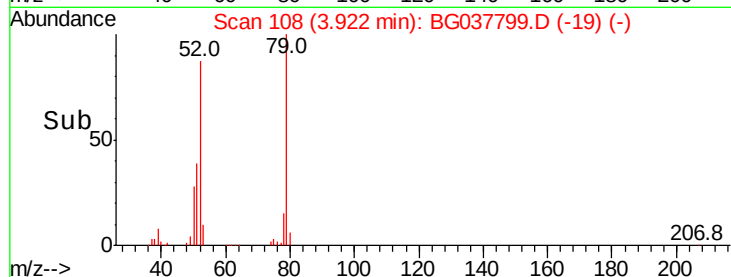
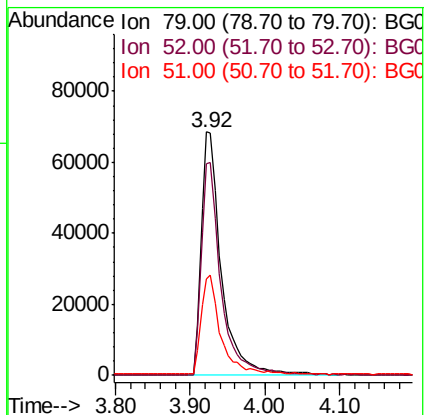
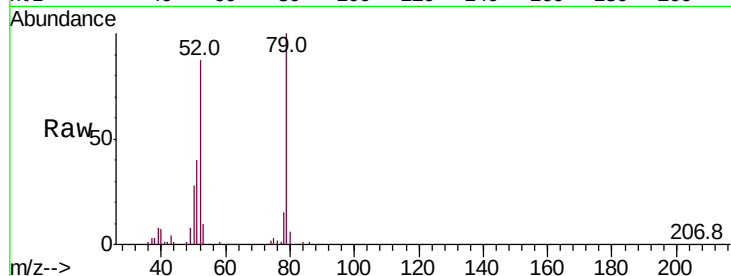
Tot Ion: 79 Resp: 129691

Ion Ratio Lower Upper

79 100

52 87.0 74.2 111.2

51 39.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.647 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

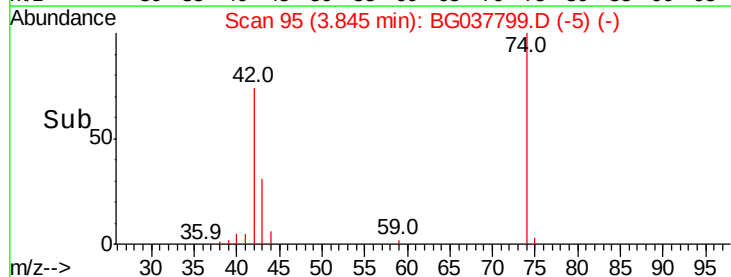
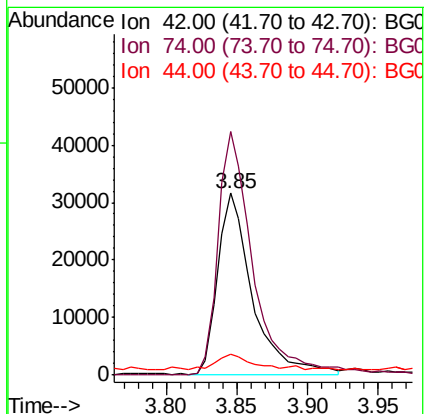
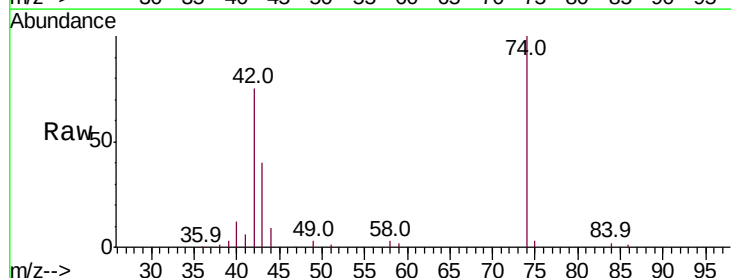
Tgt Ion: 42 Resp: 54402

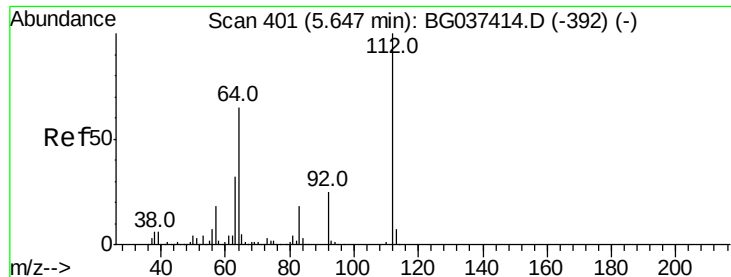
Ion Ratio Lower Upper

42 100

74 134.1 102.0 153.0

44 11.7 9.6 14.4





#5

2-Fluorophenol

Concen: 166.123 ng

RT: 5.64 min Scan# 400

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

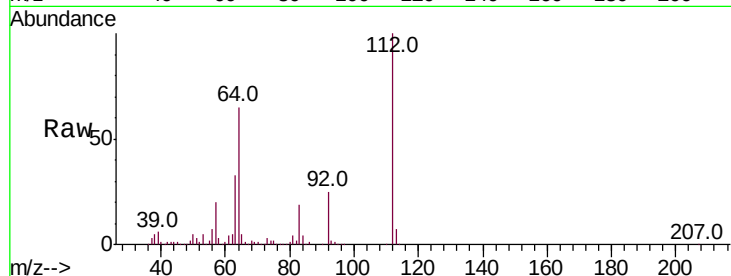
Tot Ion:112 Resp: 476643

Ion Ratio Lower Upper

112 100

64 65.3 53.1 79.7

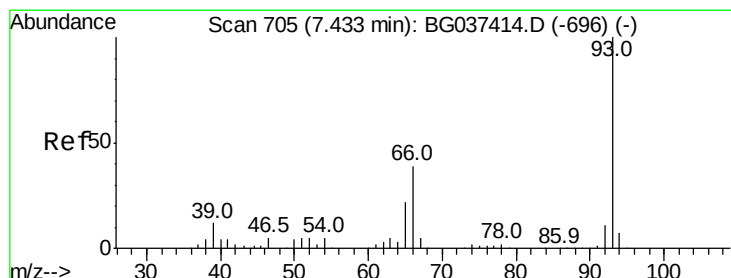
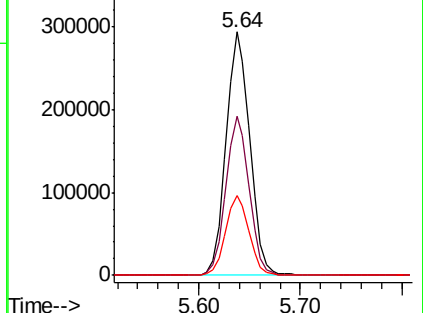
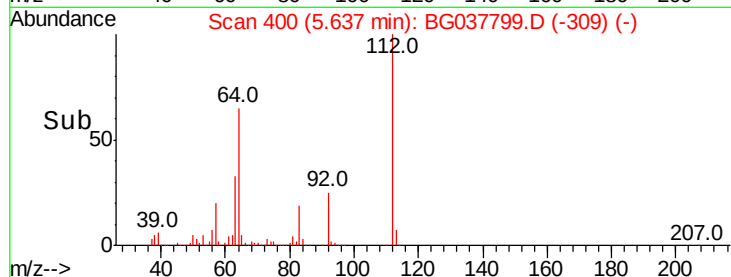
63 32.7 27.3 40.9



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: 32.003 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

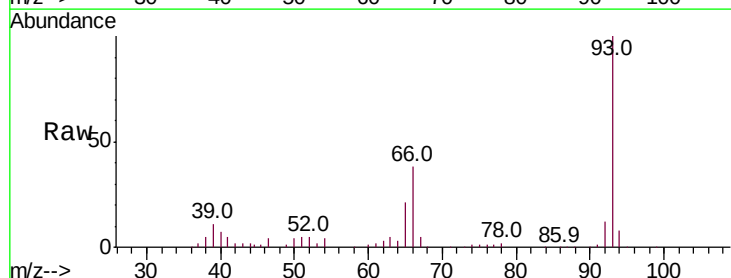
Tgt Ion: 93 Resp: 169386

Ion Ratio Lower Upper

93 100

66 38.4 32.8 49.2

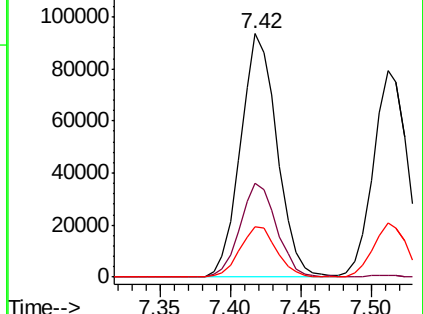
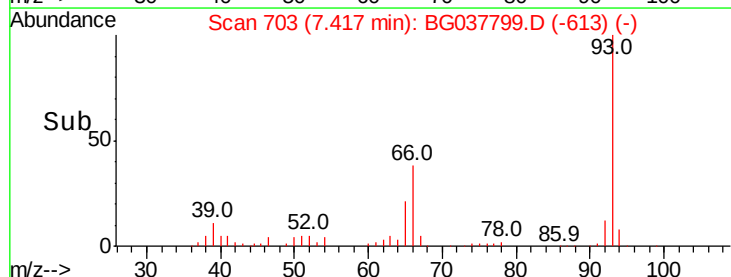
65 20.9 16.4 24.6

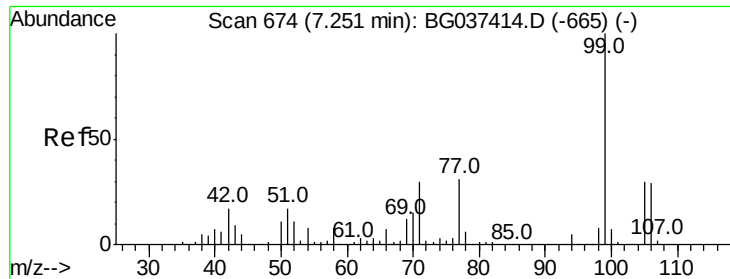


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.865 ng

RT: 7.24 min Scan# 673

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

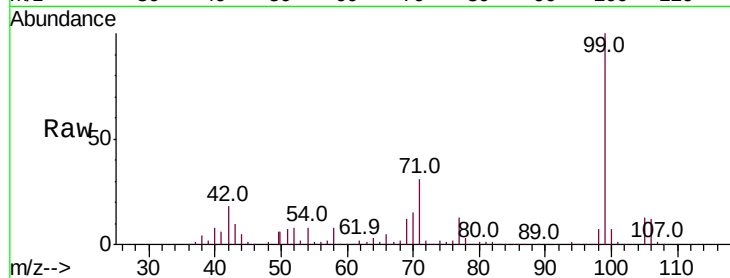
Tot Ion: 99 Resp: 680574

Ion Ratio Lower Upper

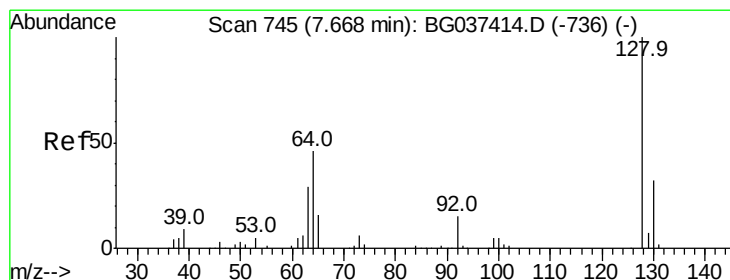
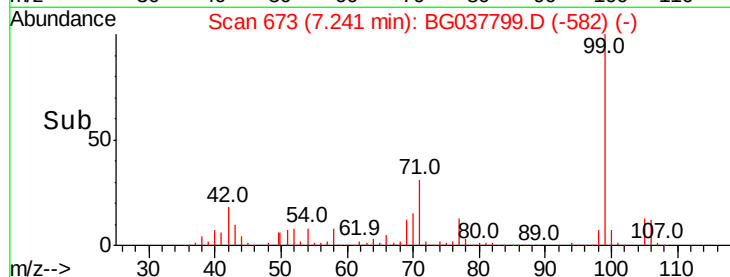
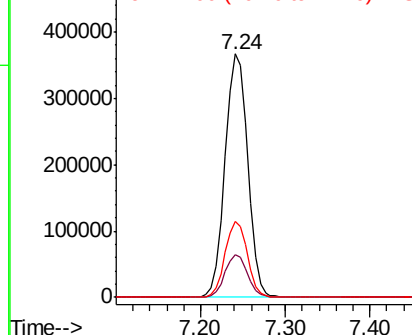
99 100

42 17.8 15.0 22.4

71 31.2 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: 44.207 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

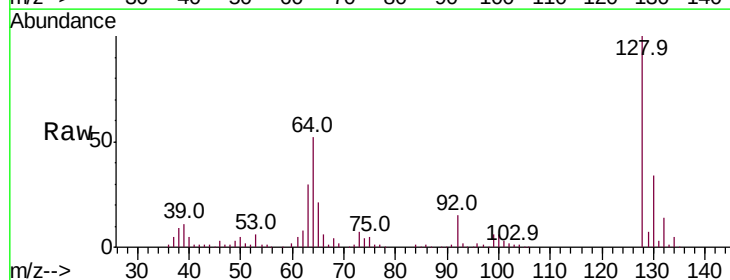
Tgt Ion: 128 Resp: 148382

Ion Ratio Lower Upper

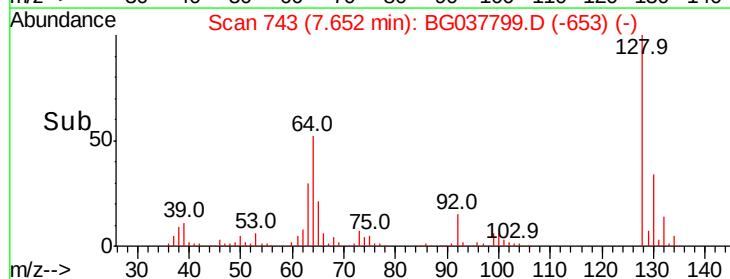
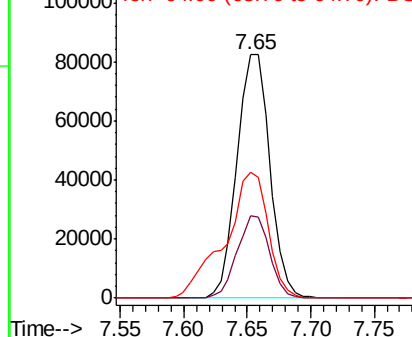
128 100

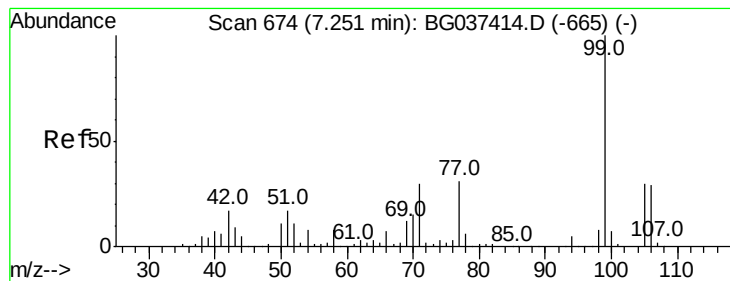
130 33.6 12.0 52.0

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: 37.492 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

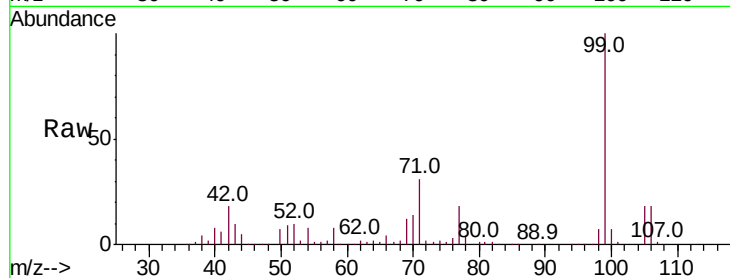
Tot Ion: 77 Resp: 101753

Ion Ratio Lower Upper

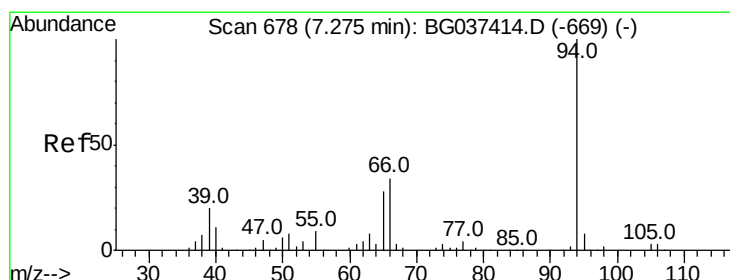
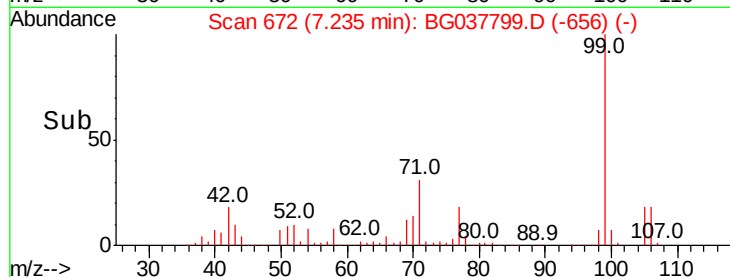
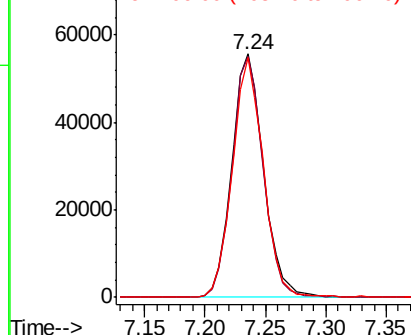
77 100

105 98.9 72.6 112.6

106 98.2 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: 42.939 ng

RT: 7.27 min Scan# 678

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

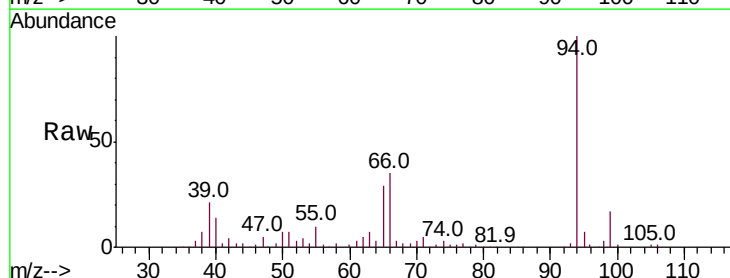
Tgt Ion: 94 Resp: 196561

Ion Ratio Lower Upper

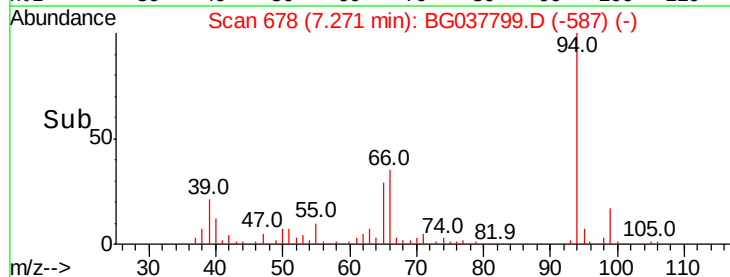
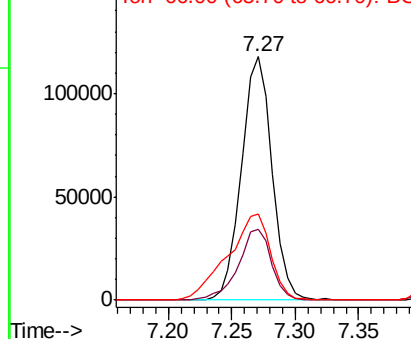
94 100

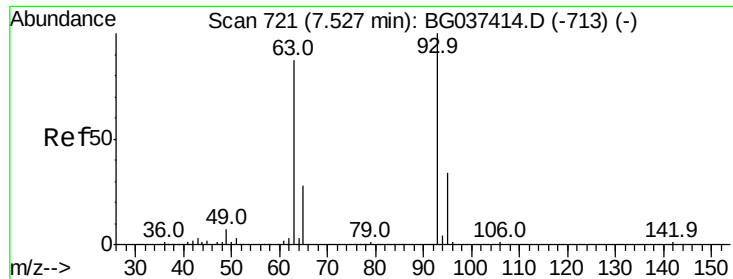
65 29.3 9.7 49.7

66 35.1 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: 38.730 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

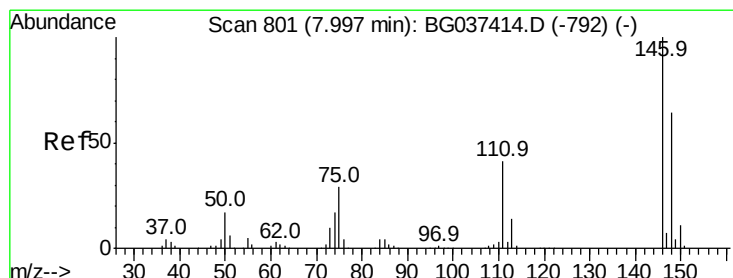
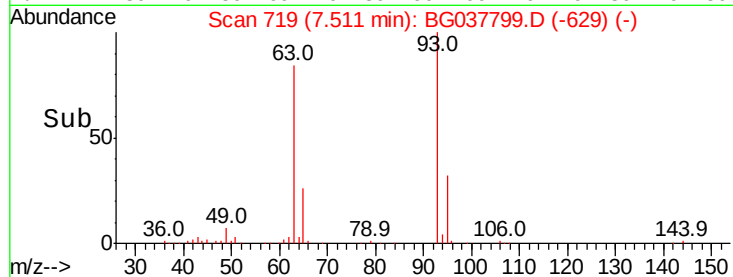
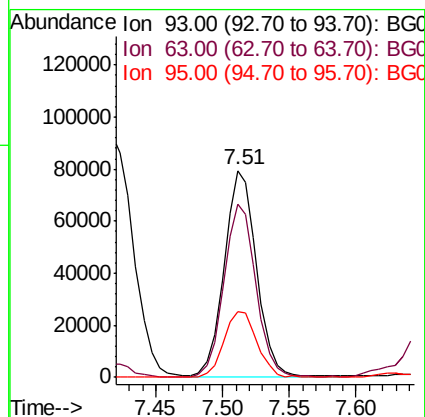
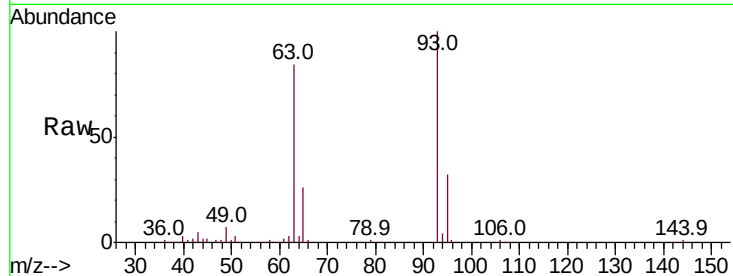
Tot Ion: 93 Resp: 134655

Ion Ratio Lower Upper

93 100

63 84.0 69.5 109.5

95 31.6 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.129 ng

RT: 7.98 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

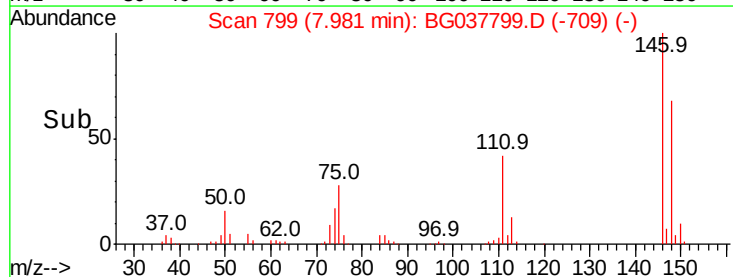
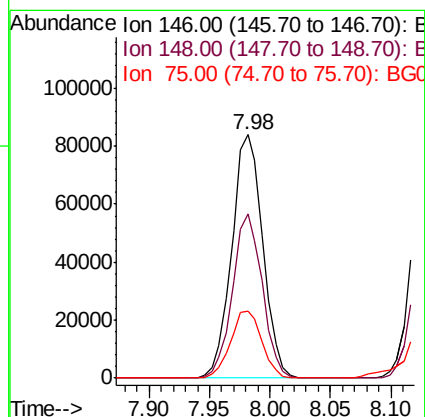
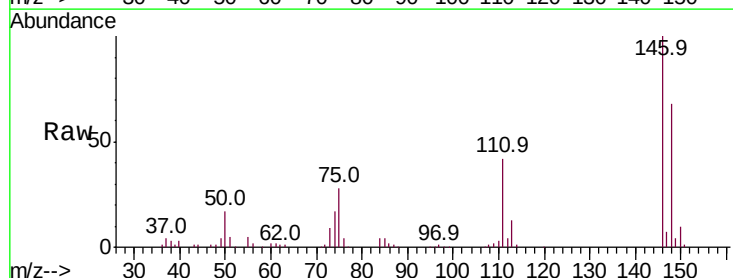
Tgt Ion: 146 Resp: 149953

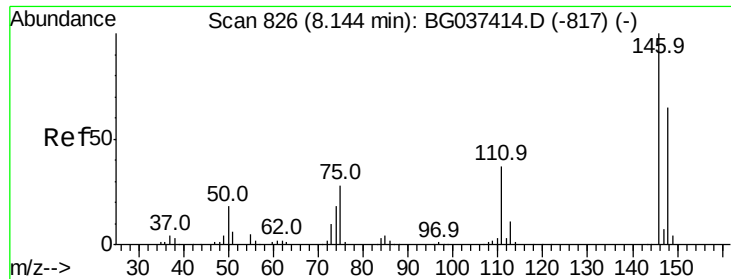
Ion Ratio Lower Upper

146 100

148 67.7 49.8 74.8

75 27.6 23.2 34.8

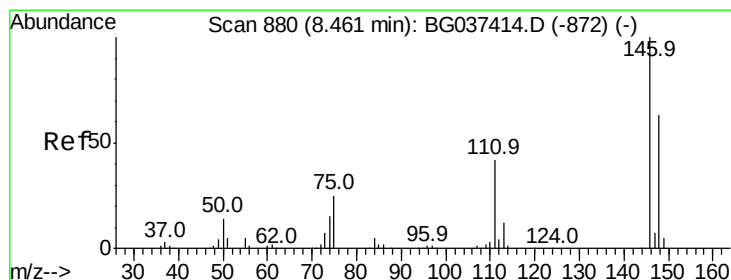
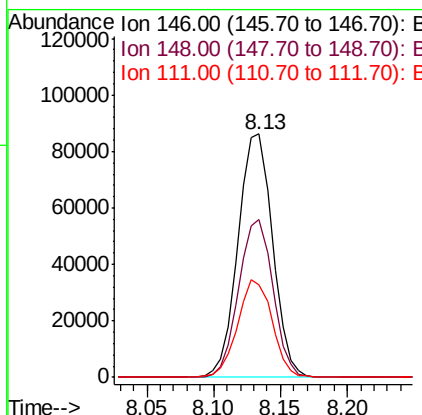
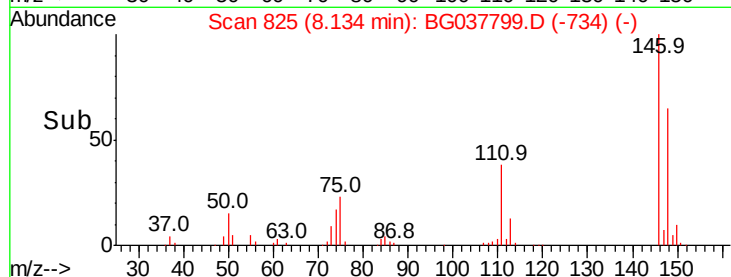
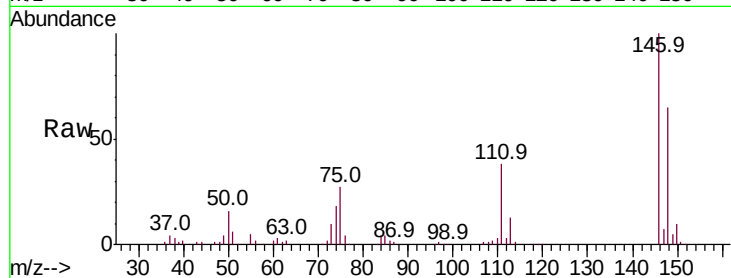




#13
 1,4-Dichlorobenzene
 Concen: 40.392 ng
 RT: 8.13 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

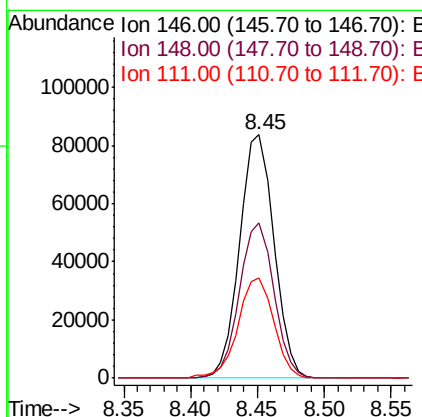
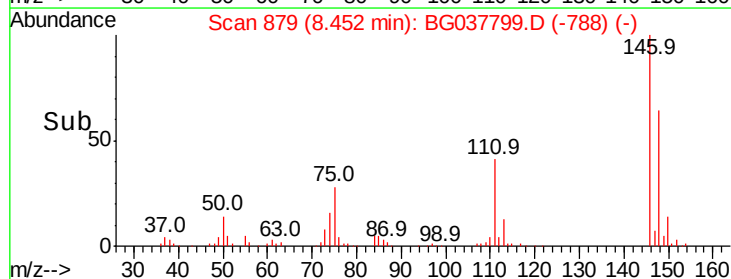
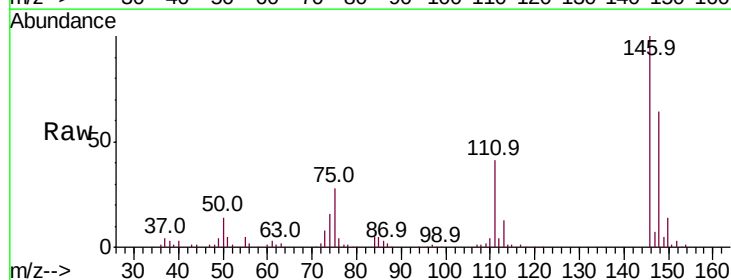
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

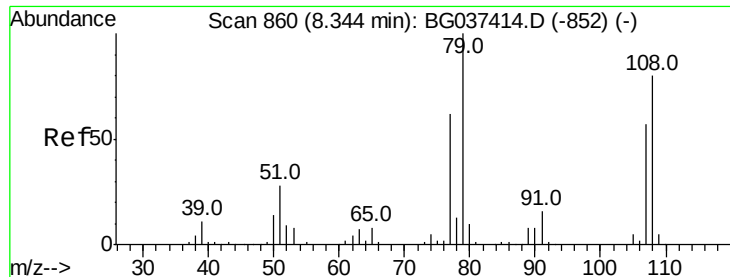
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.0	76.6
111	37.8	32.4	48.6



#14
 1,2-Dichlorobenzene
 Concen: 40.627 ng
 RT: 8.45 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.4	75.6
111	41.2	34.6	51.8

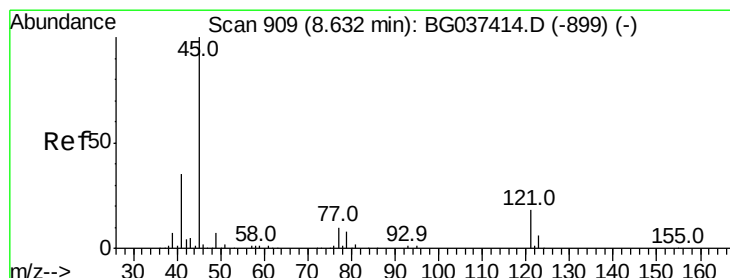
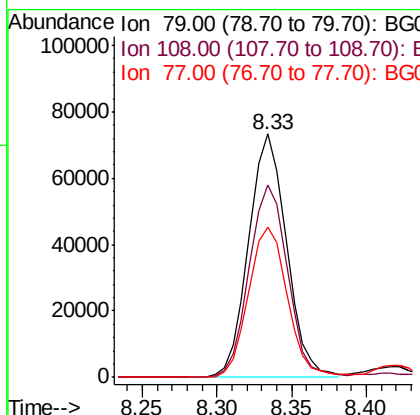
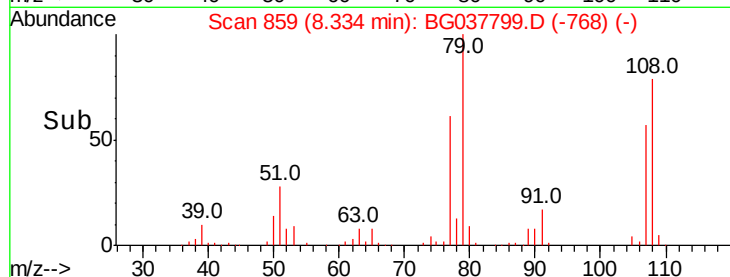
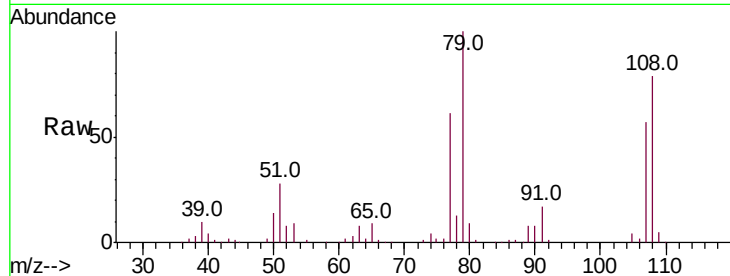




#15
Benzyl Alcohol
Concen: 40.167 ng
RT: 8.33 min Scan# 859
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

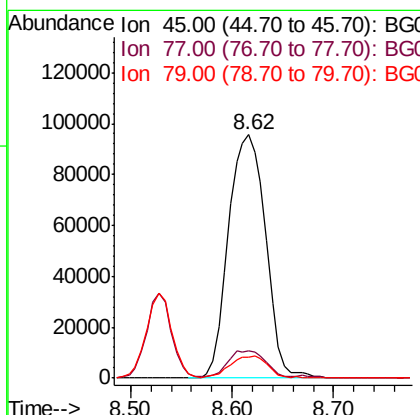
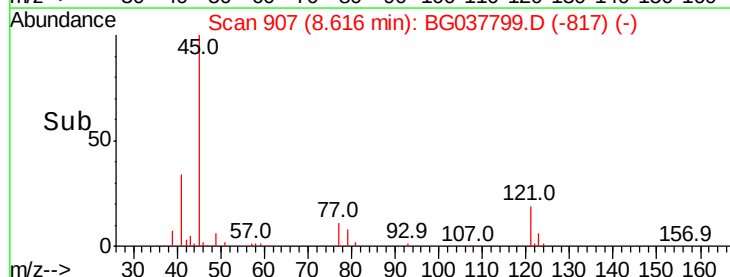
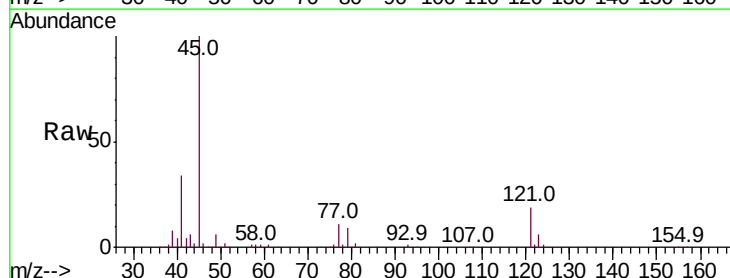
Instrument :
BNA_G
ClientSampleId :
PB114322BS

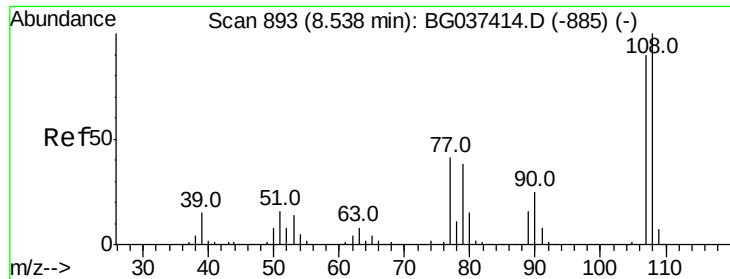
Tot Ion: 79 Resp: 128768
Ion Ratio Lower Upper
79 100
108 79.1 65.8 98.8
77 61.4 52.9 79.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.000 ng
RT: 8.62 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion: 45 Resp: 242617
Ion Ratio Lower Upper
45 100
77 11.4 0.0 30.0
79 8.8 0.0 29.0

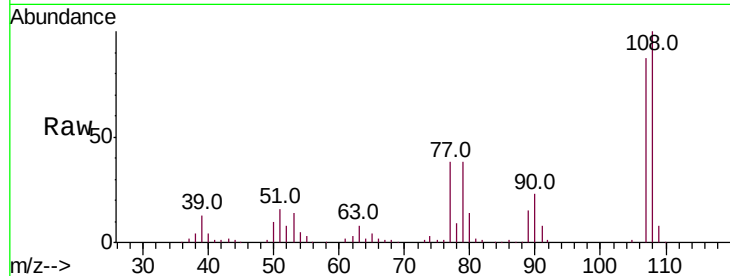




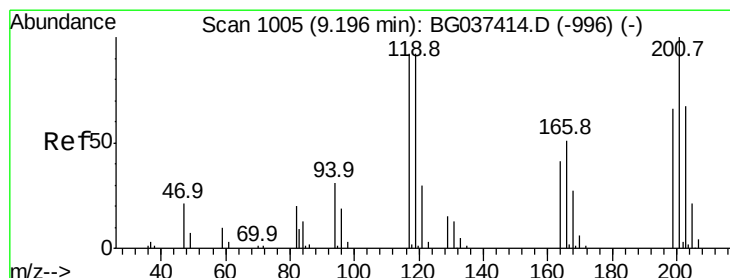
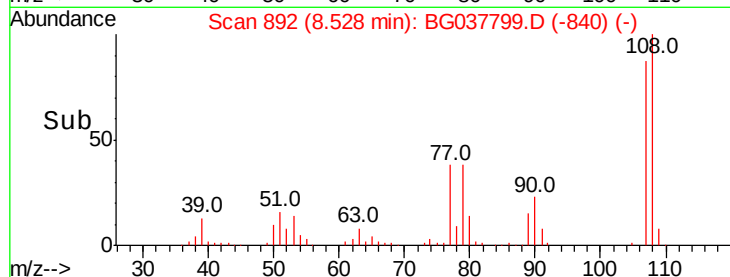
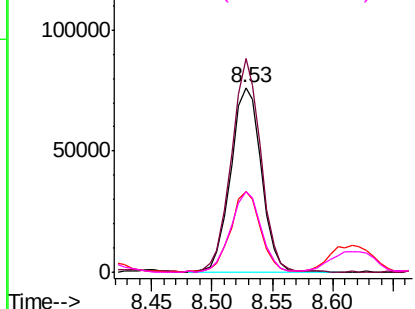
#17
2-Methylphenol
Concen: 44.573 ng
RT: 8.53 min Scan# 892
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:	107	Resp:	134894
Ion	Ratio	Lower	Upper
107	100		
108	115.5	87.9	131.9
77	43.7	35.1	52.7
79	43.7	34.5	51.7

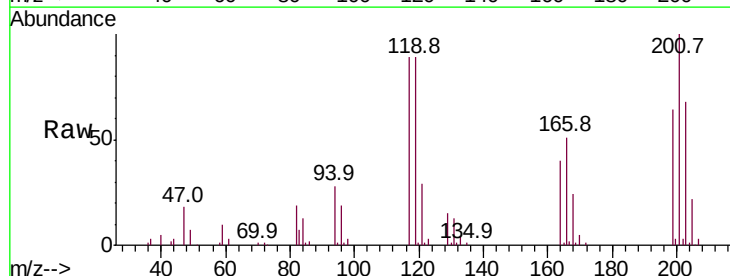


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

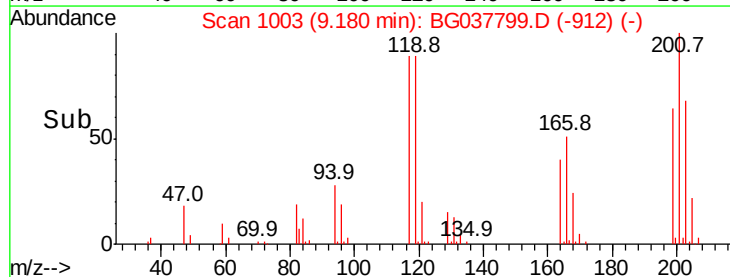
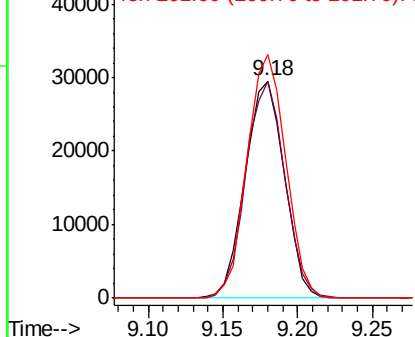


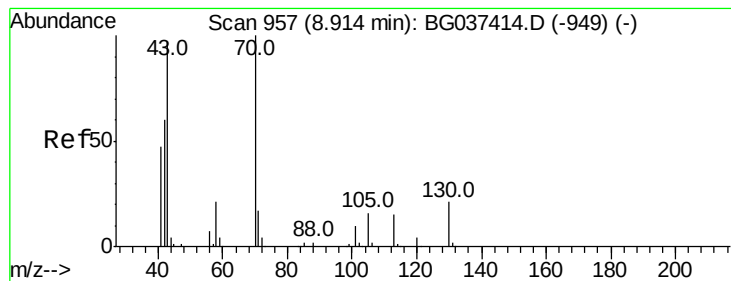
#18
Hexachloroethane
Concen: 41.270 ng
RT: 9.18 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:	117	Resp:	53779
Ion	Ratio	Lower	Upper
117	100		
119	99.9	74.6	111.8
201	112.2	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: 37.521 ng

RT: 8.90 min Scan# 955

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

Tot Ion: 70 Resp: 112099

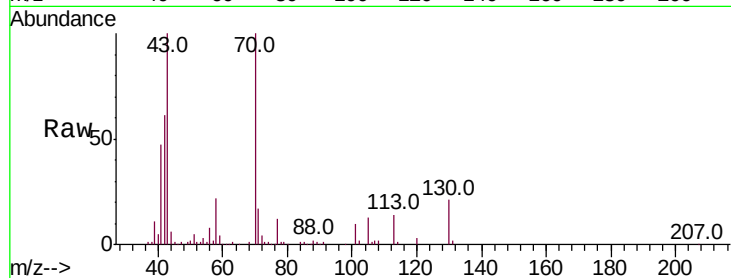
Ion Ratio Lower Upper

70 100

42 61.4 53.9 80.9

101 10.4 8.2 12.2

130 21.4 18.2 27.4

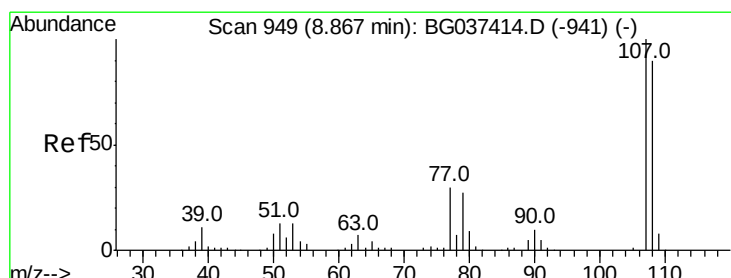
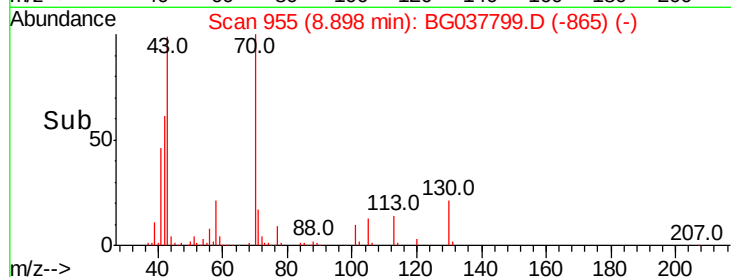
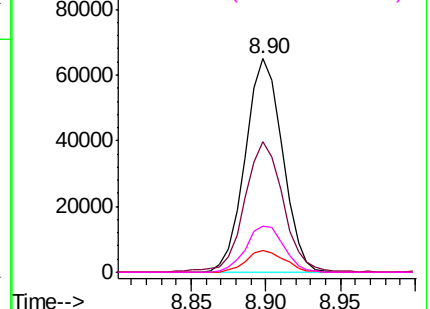


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 42.847 ng

RT: 8.86 min Scan# 948

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Tgt Ion: 107 Resp: 185395

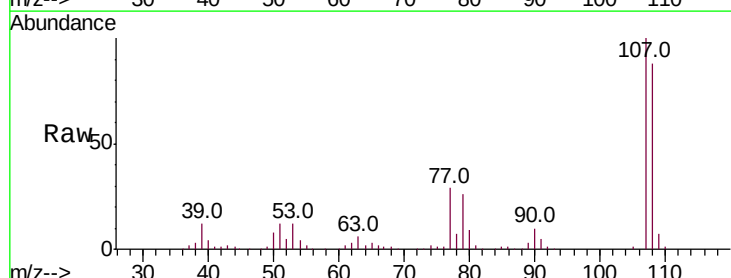
Ion Ratio Lower Upper

107 100

108 87.7 69.9 109.9

77 29.2 11.2 51.2

79 26.3 6.6 46.6

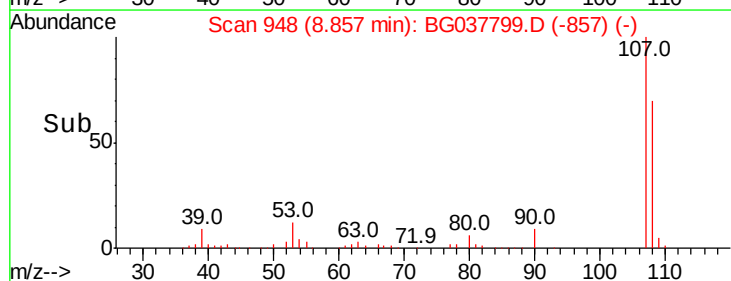
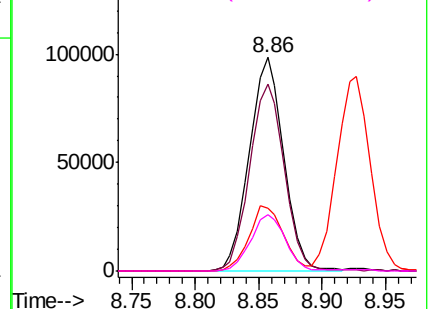


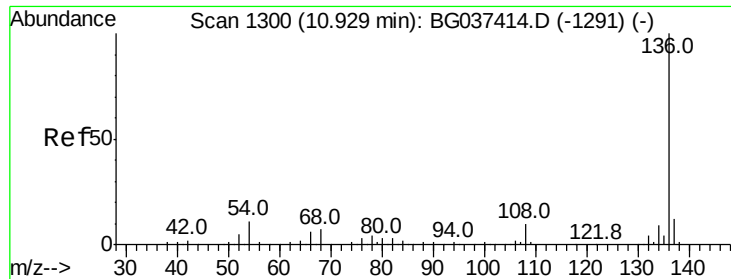
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

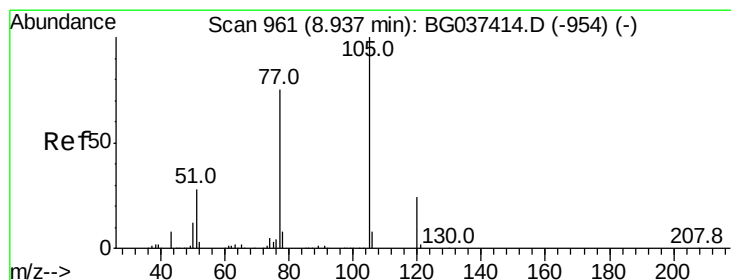
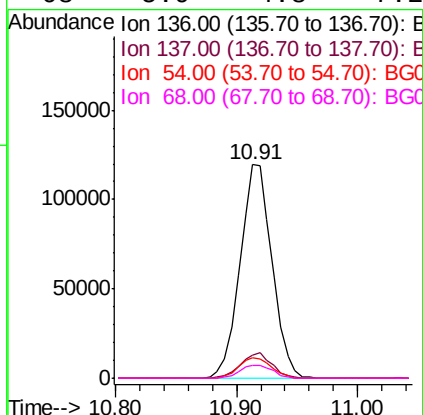
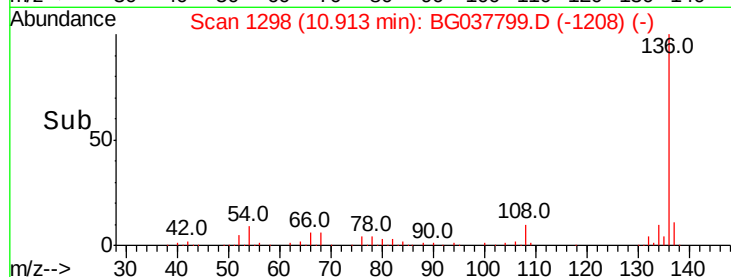
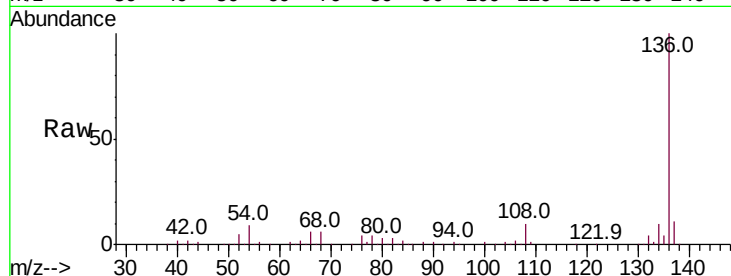




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

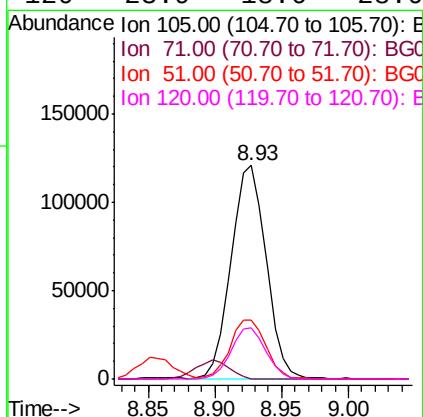
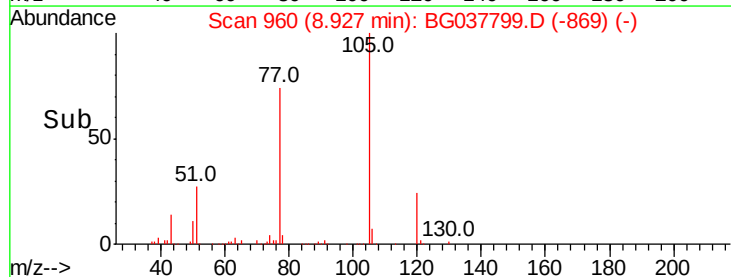
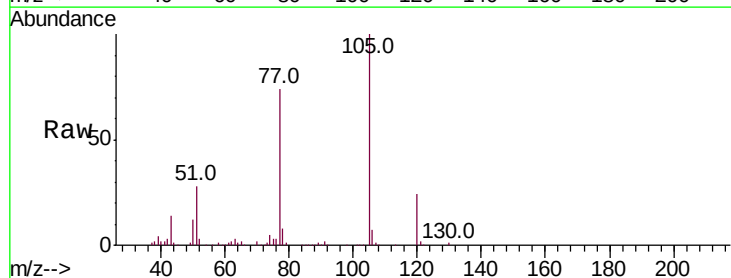
Instrument :
BNA_G
ClientSampleId :
PB114322BS

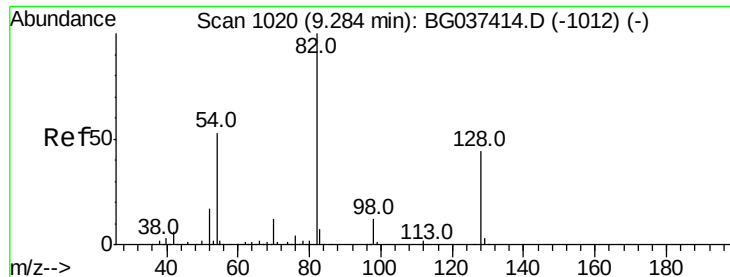
Tot Ion:	136	Resp:	220010
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	9.4	7.9	11.9
68	5.9	4.8	7.2



#22
Acetophenone
Concen: 39.760 ng
RT: 8.93 min Scan# 960
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:	105	Resp:	219384
Ion	Ratio	Lower	Upper
105	100		
71	0.3	1.2	1.8#
51	27.9	25.0	37.6
120	23.9	18.6	28.0



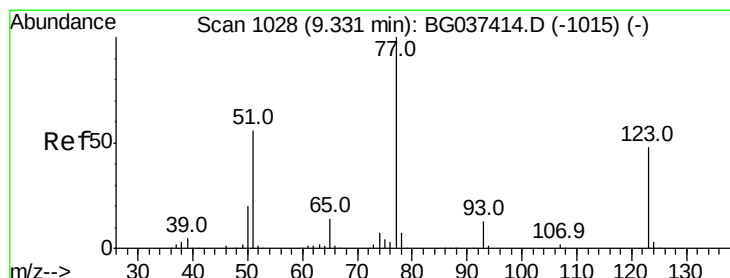
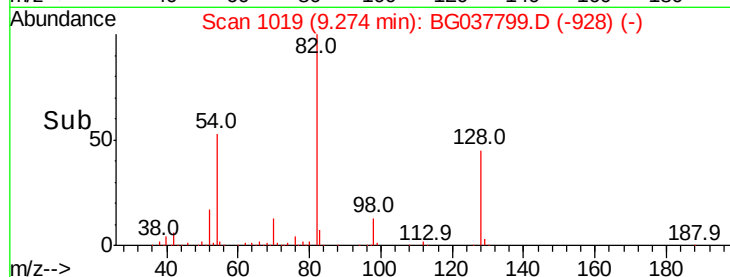
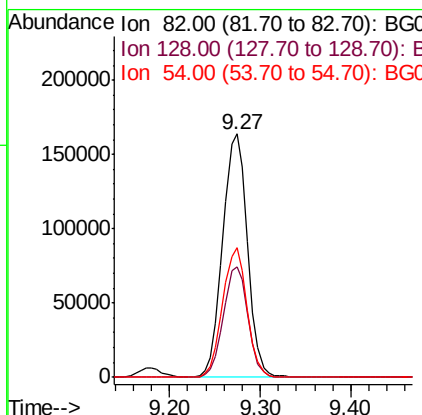
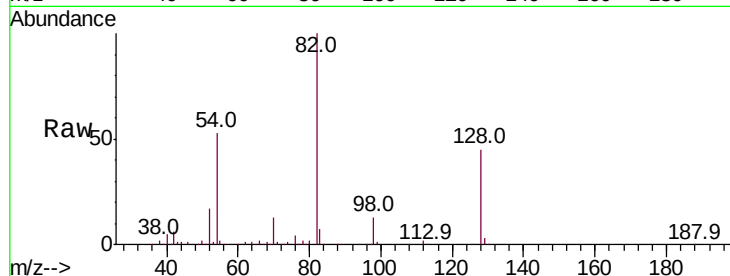


#23
 Nitrobenzene-d5
 Concen: 79.037 ng
 RT: 9.27 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion: 82 Resp: 310413

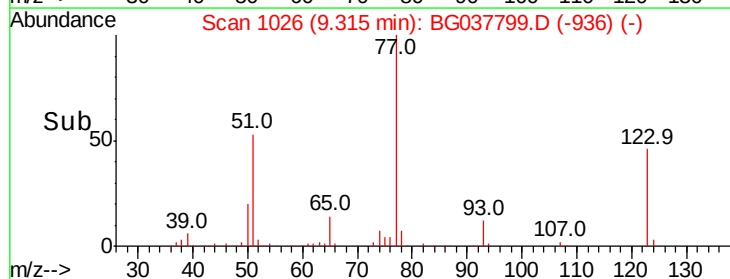
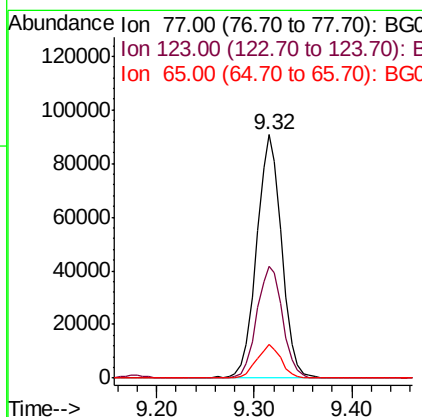
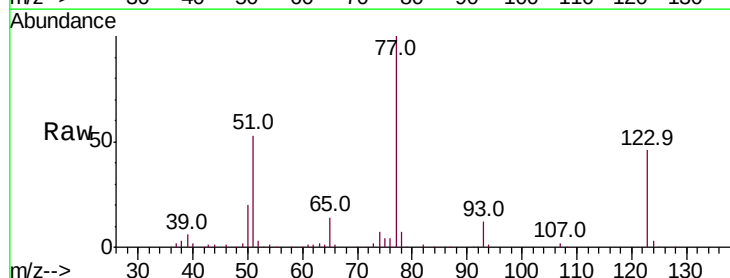
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.6	51.8
54	53.4	45.3	67.9

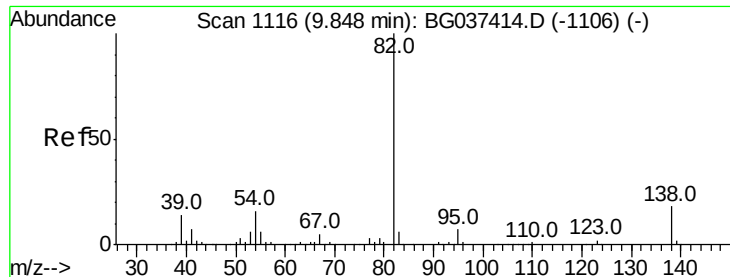


#24
 Nitrobenzene
 Concen: 40.038 ng
 RT: 9.32 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Tgt Ion: 77 Resp: 163354

Ion	Ratio	Lower	Upper
77	100		
123	46.1	33.6	50.4
65	13.9	11.3	16.9





#25

Isophorone

Concen: 44.003 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

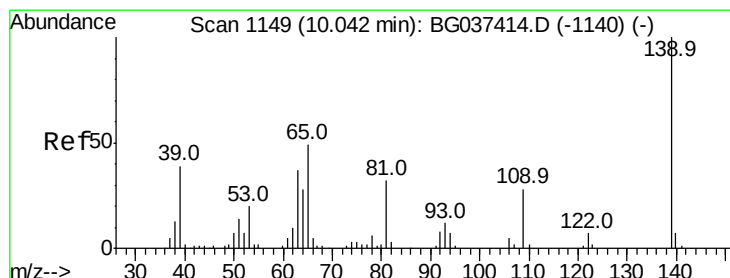
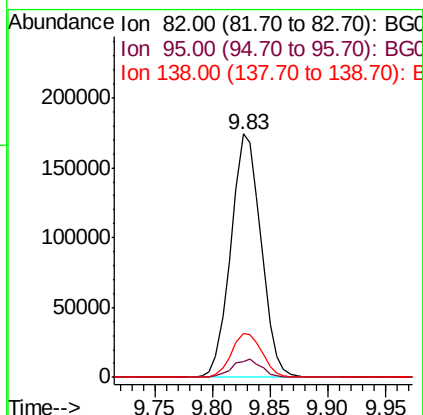
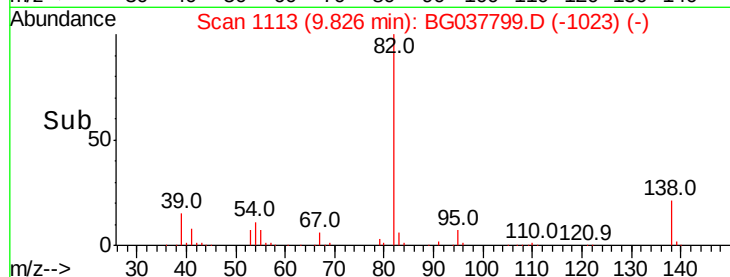
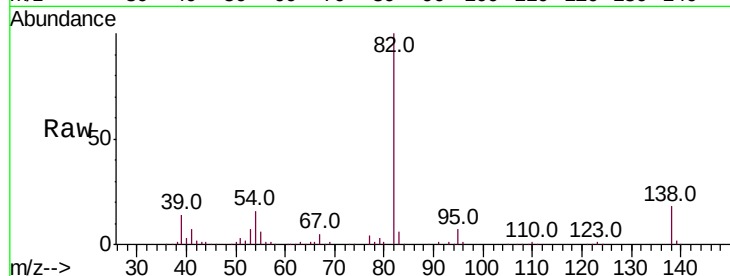
Tot Ion: 82 Resp: 315768

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 18.3 13.3 19.9



#26

2-Nitrophenol

Concen: 43.901 ng

RT: 10.03 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

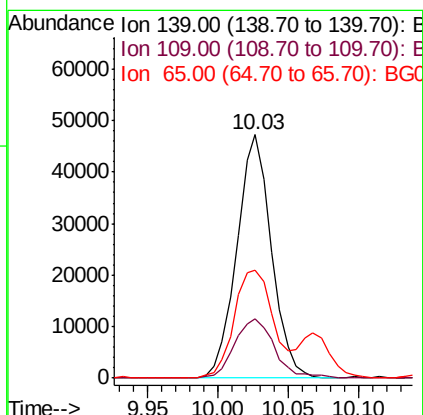
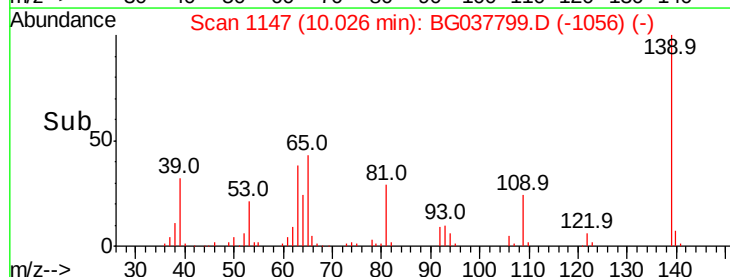
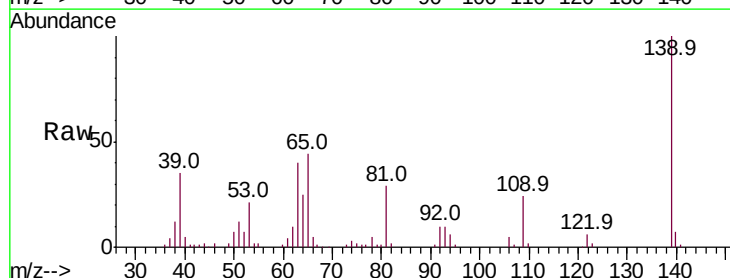
Tgt Ion: 139 Resp: 80690

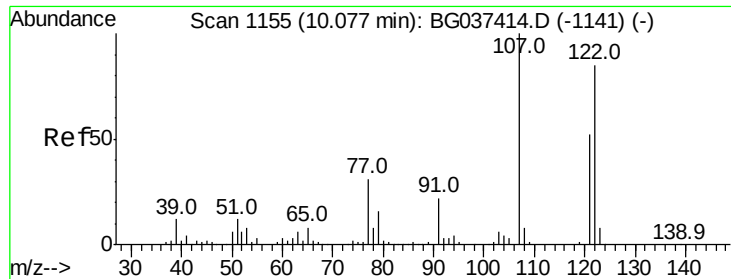
Ion Ratio Lower Upper

139 100

109 24.1 23.3 34.9

65 44.3 39.8 59.8

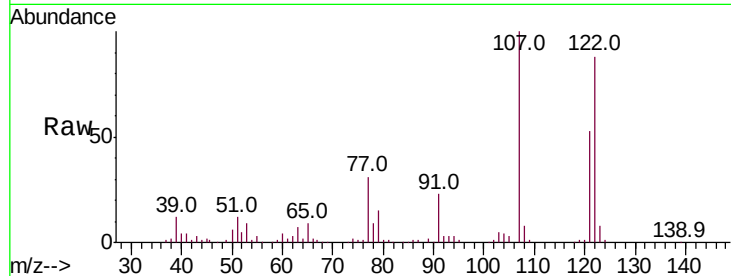




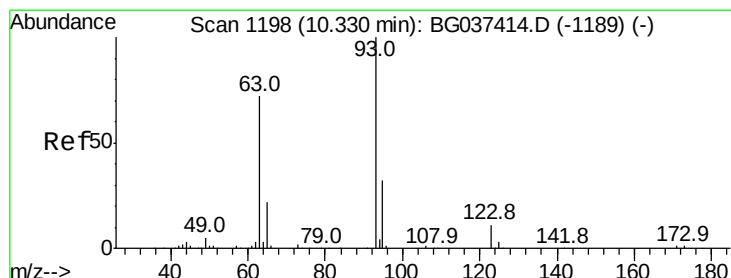
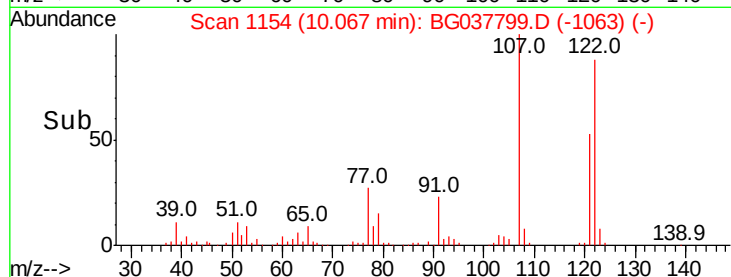
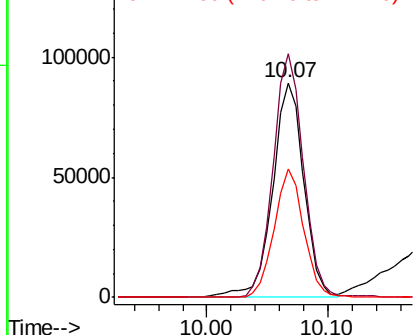
#27
2,4-Dimethylphenol
Concen: 48.282 ng
RT: 10.07 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:122 Resp: 158447
Ion Ratio Lower Upper
122 100
107 113.5 94.2 141.2
121 59.9 47.3 70.9

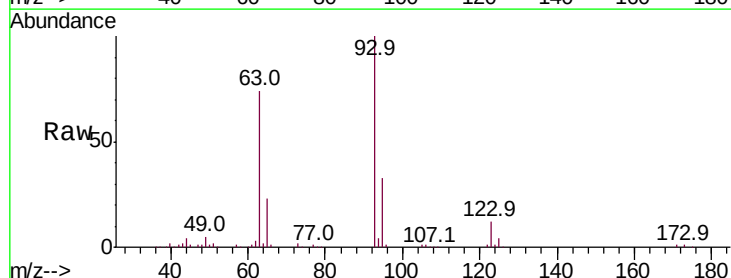


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

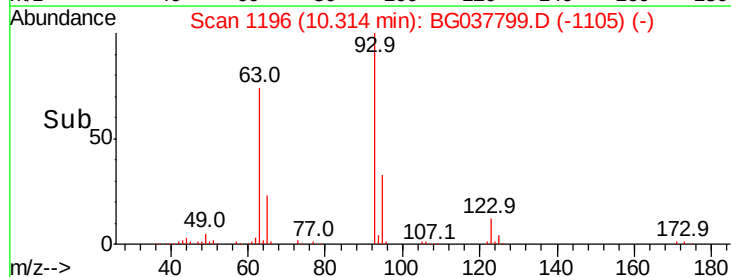
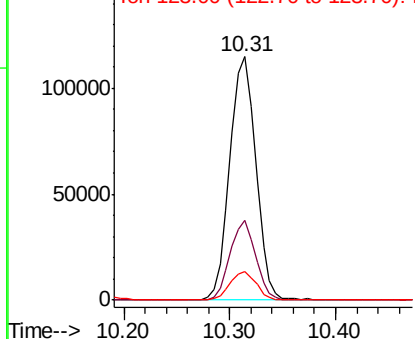


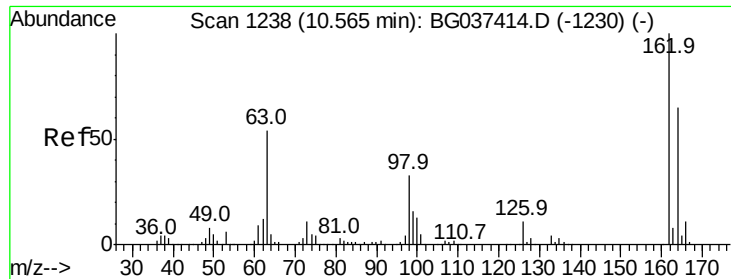
#28
bis(2-Chloroethoxy)methane
Concen: 41.732 ng
RT: 10.31 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion: 93 Resp: 196207
Ion Ratio Lower Upper
93 100
95 32.7 24.6 37.0
123 12.0 9.1 13.7



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 123.00 (122.70 to 123.70): E

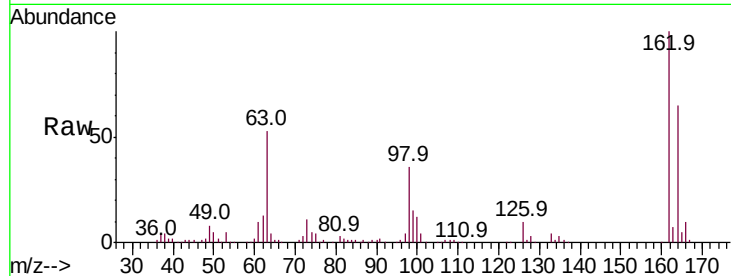




#29
 2,4-Dichlorophenol
 Concen: 43.617 ng
 RT: 10.55 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.0	43.2	83.2
98	35.9	16.0	56.0

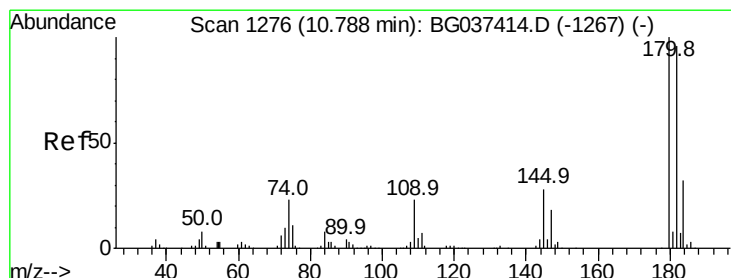
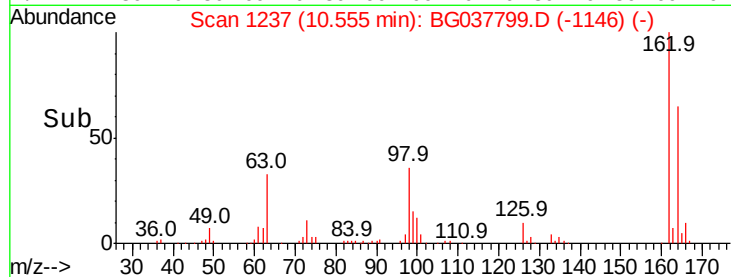
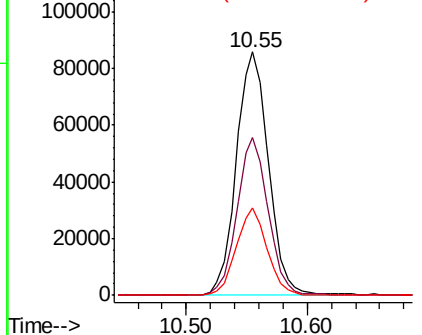


Abundance

Ion 162.00 (161.70 to 162.70): E

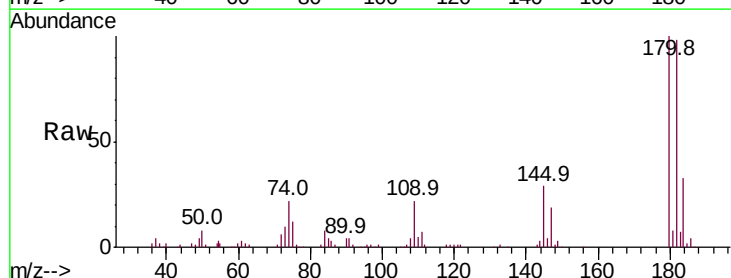
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 41.010 ng
 RT: 10.77 min Scan# 1274
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	77.7	116.5
145	29.5	23.3	34.9

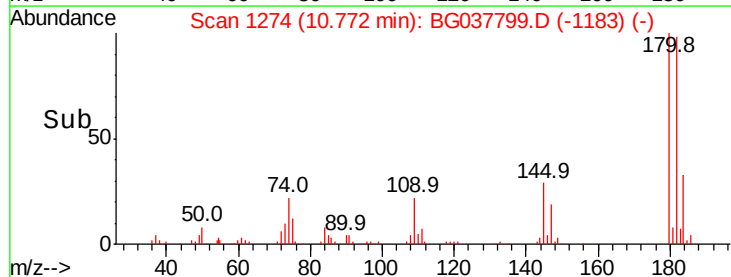
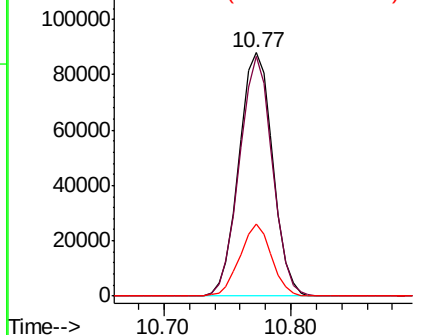


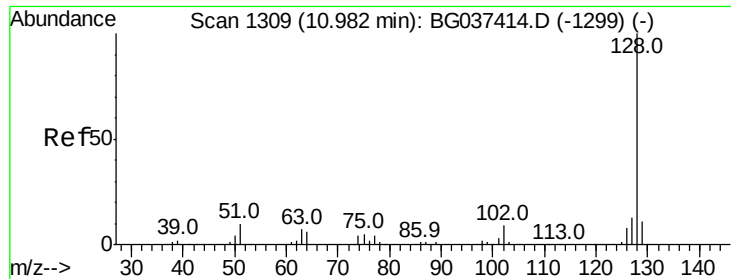
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

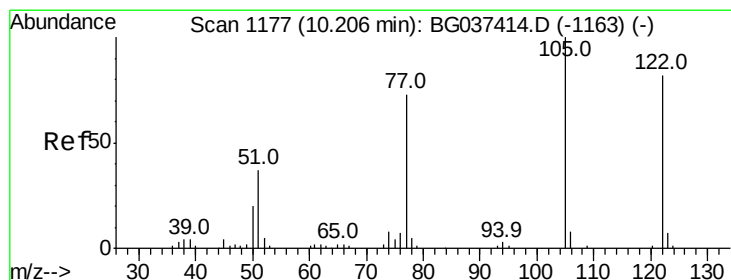
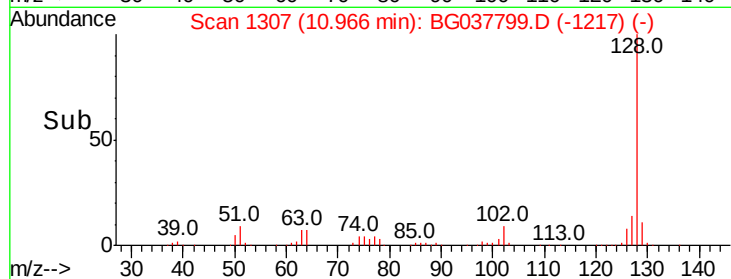
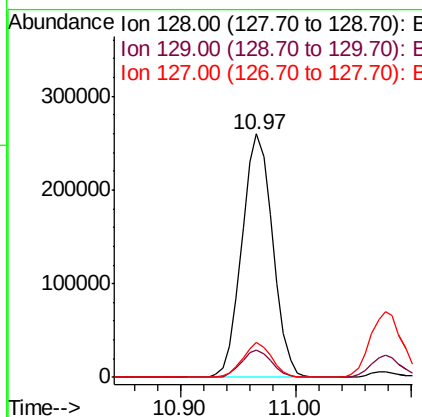
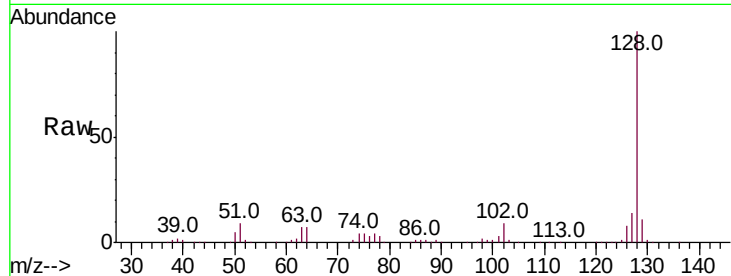




#31
Naphthalene
Concen: 44.468 ng
RT: 10.97 min Scan# 1307
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

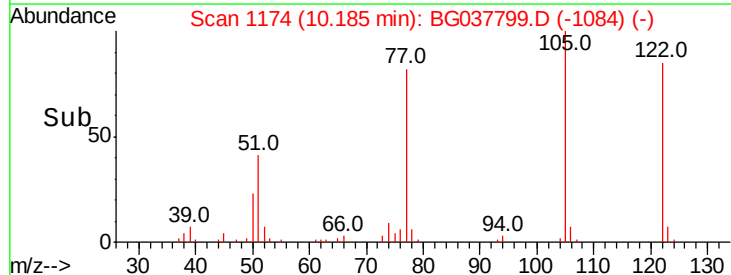
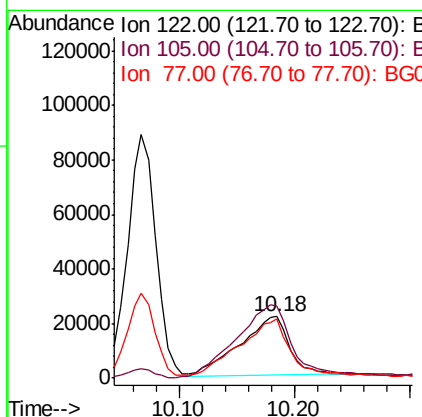
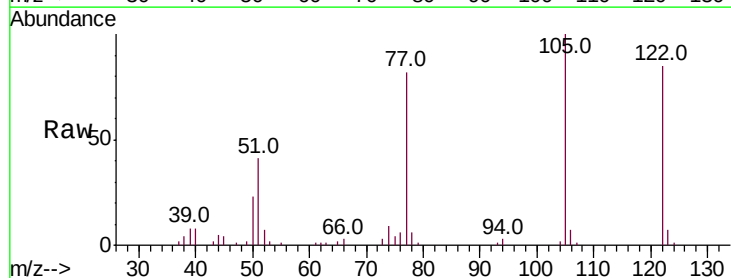
Instrument :
BNA_G
ClientSampleId :
PB114322BS

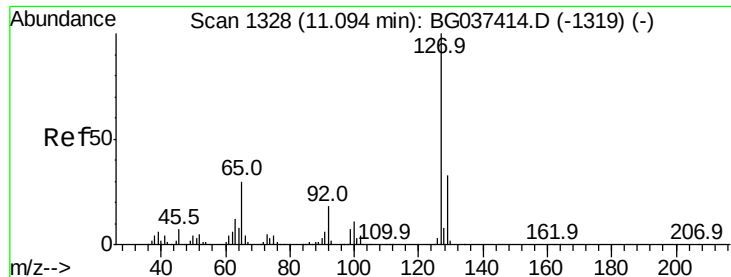
Tot Ion:128 Resp: 480540
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 30.258 ng
RT: 10.18 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:122 Resp: 64495
Ion Ratio Lower Upper
122 100
105 117.6 106.7 146.7
77 96.6 72.2 112.2

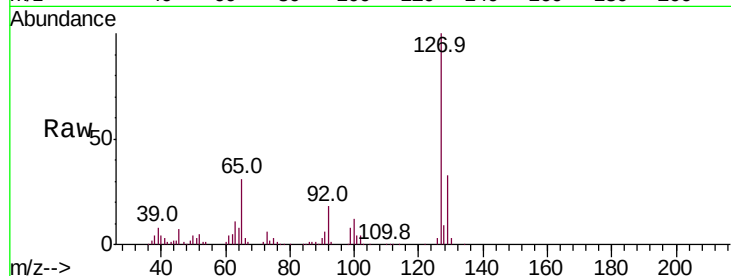




#33
4-Chloroaniline
Concen: 27.220 ng
RT: 11.08 min Scan# 1326
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:	127	Resp:	138207
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.1	40.7
65	30.8	26.6	39.8
92	18.1	16.4	24.6



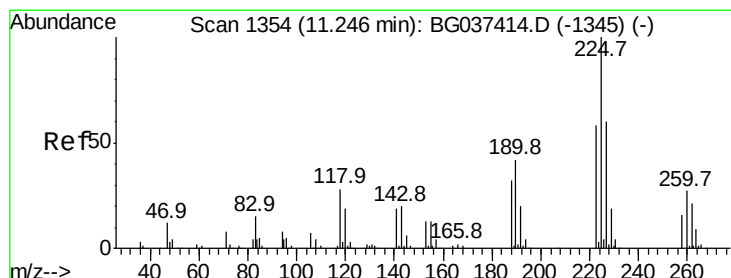
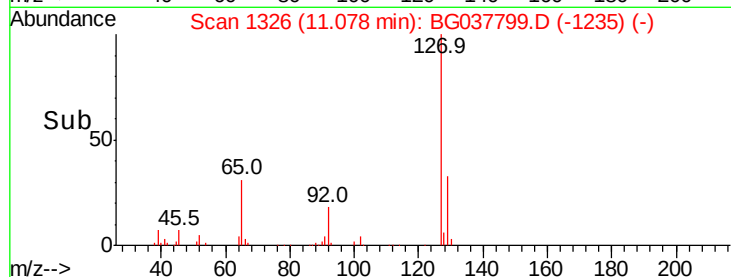
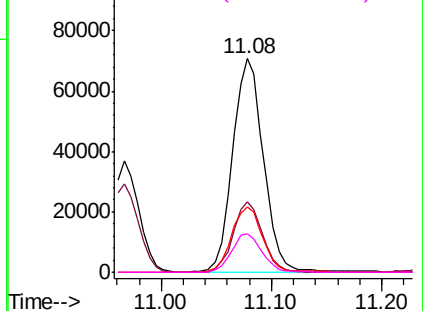
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

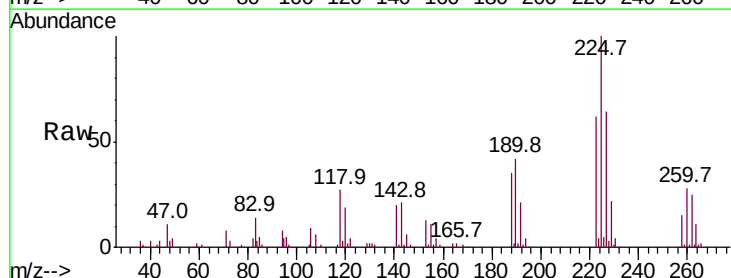
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 41.491 ng
RT: 11.23 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:	225	Resp:	97711
Ion	Ratio	Lower	Upper
225	100		
223	59.6	48.2	72.4
227	64.0	51.6	77.4

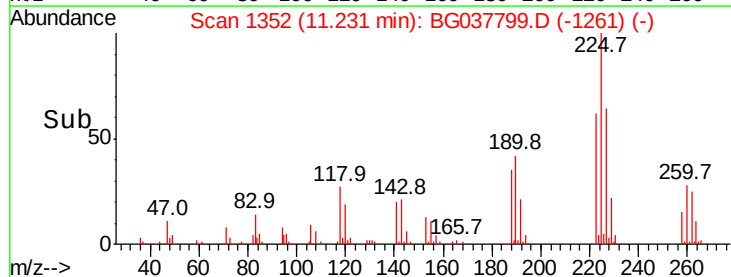
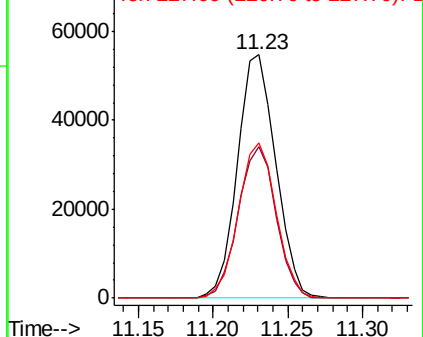


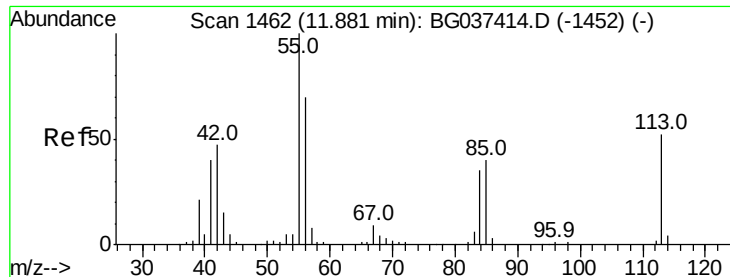
Abundance

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: 38.292 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

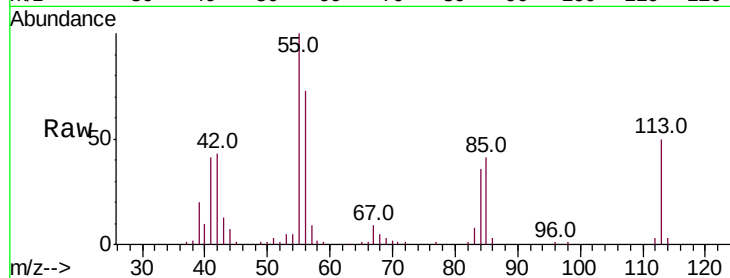
Tot Ion:113 Resp: 56114

Ion Ratio Lower Upper

113 100

55 199.7 176.6 216.6

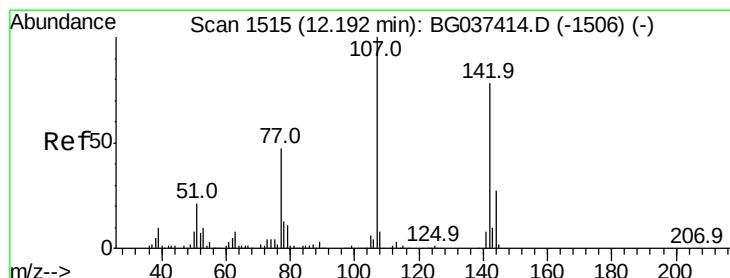
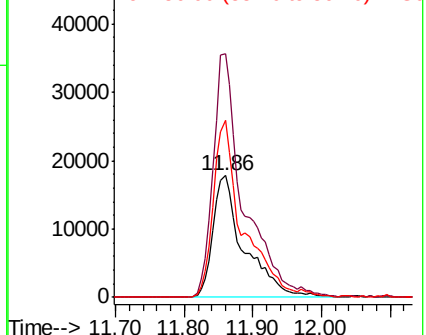
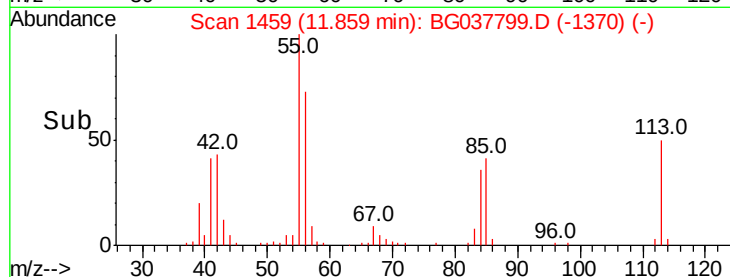
56 145.5 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037799.D (-1370) (-)

Ion 56.00 (55.70 to 56.70): BG037799.D (-1370) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.920 ng

RT: 12.18 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

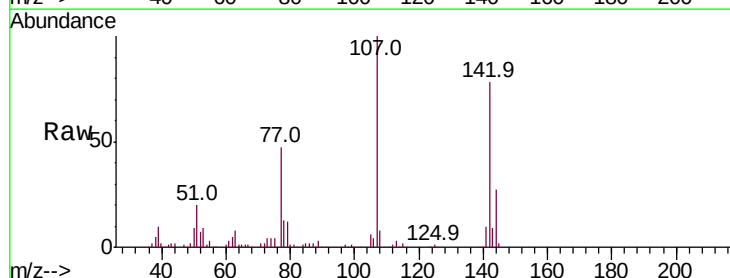
Tgt Ion:107 Resp: 172741

Ion Ratio Lower Upper

107 100

144 27.2 20.7 31.1

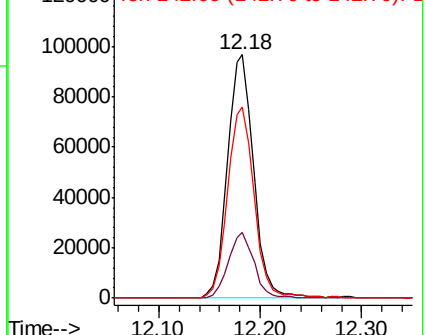
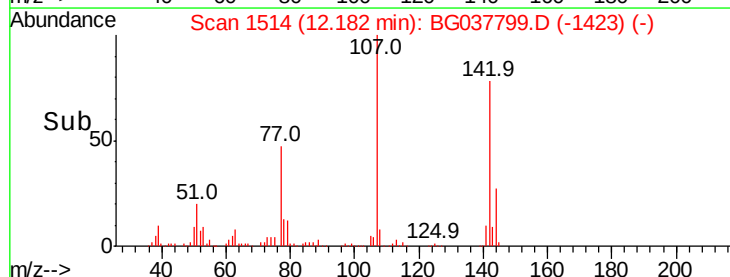
142 78.3 64.4 96.6

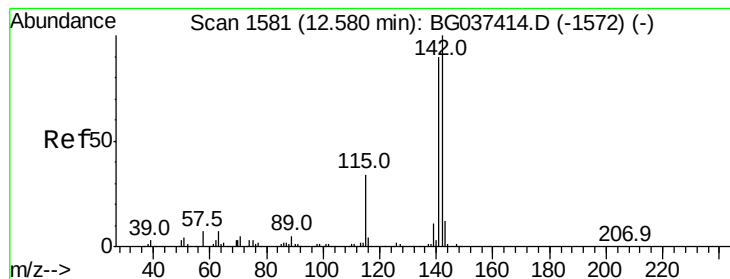


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 46.497 ng

RT: 12.56 min Scan# 1579

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

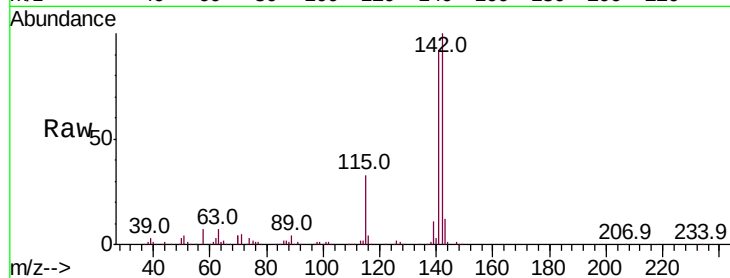
Tot Ion:142 Resp: 366277

Ion Ratio Lower Upper

142 100

141 91.9 71.9 107.9

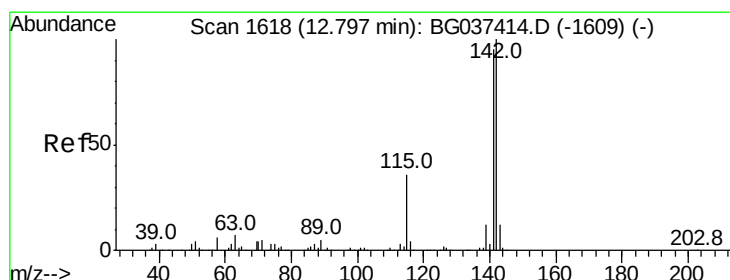
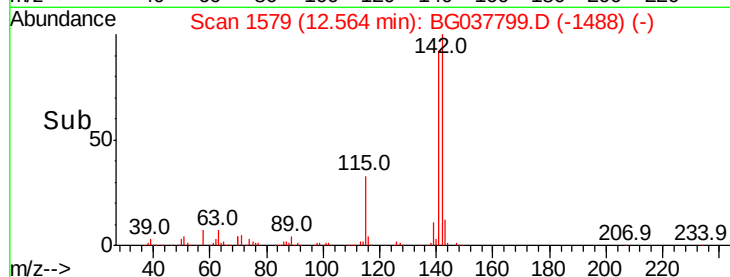
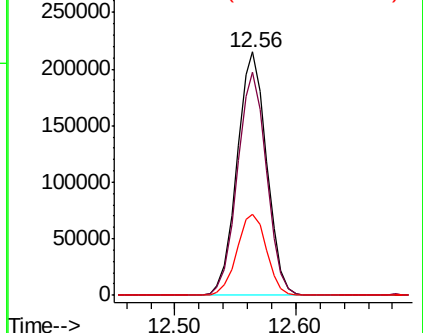
115 33.2 27.8 41.8



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: 45.558 ng

RT: 12.78 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

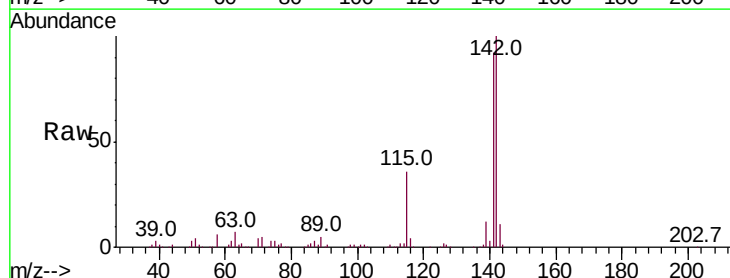
Tgt Ion:142 Resp: 348523

Ion Ratio Lower Upper

142 100

141 92.2 75.2 112.8

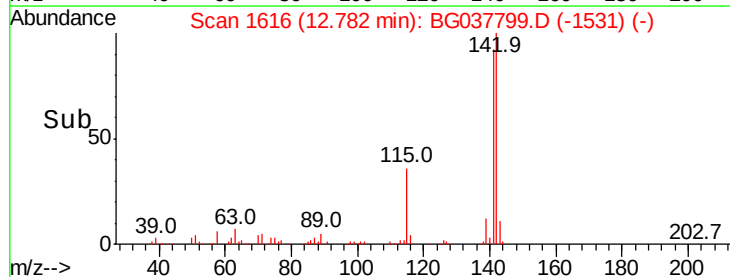
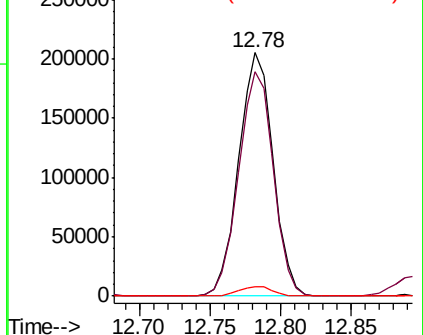
116 3.8 3.3 4.9

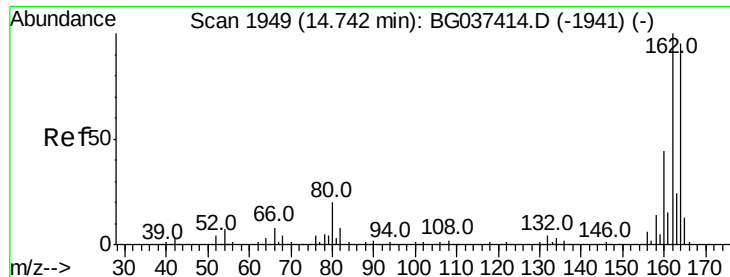


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.73 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

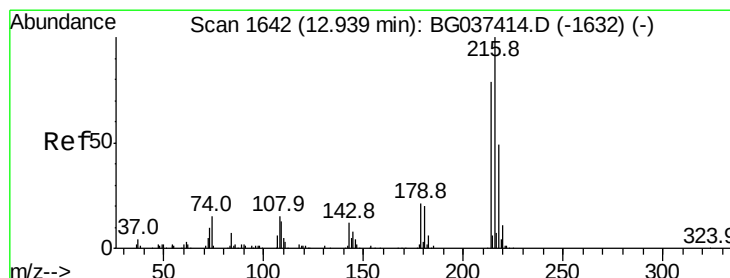
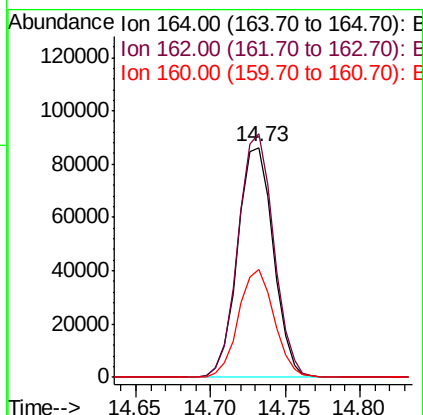
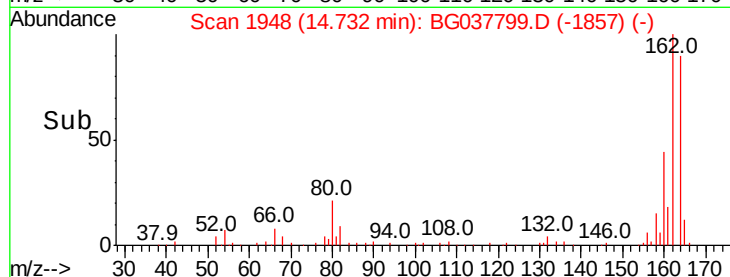
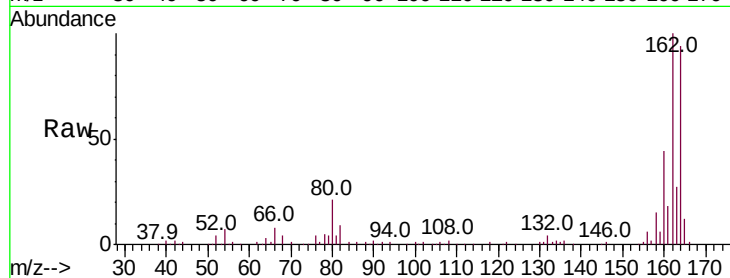
Tot Ion:164 Resp: 143663

Ion Ratio Lower Upper

164 100

162 105.9 81.3 121.9

160 47.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.840 ng

RT: 12.92 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Tgt Ion:216 Resp: 193883

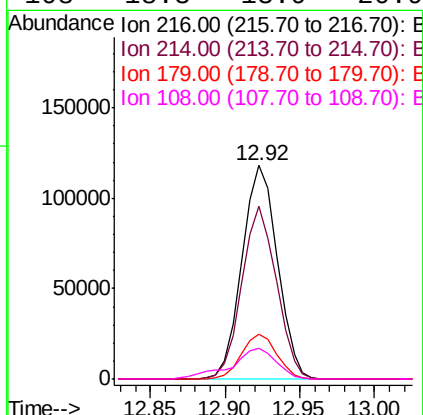
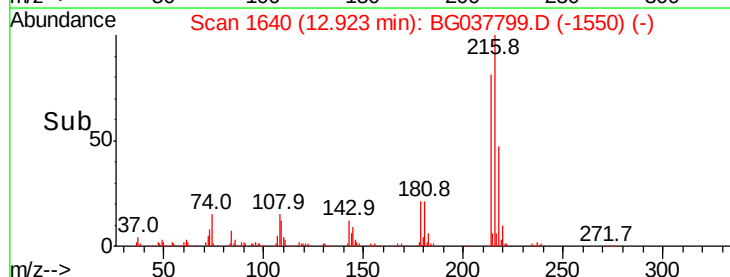
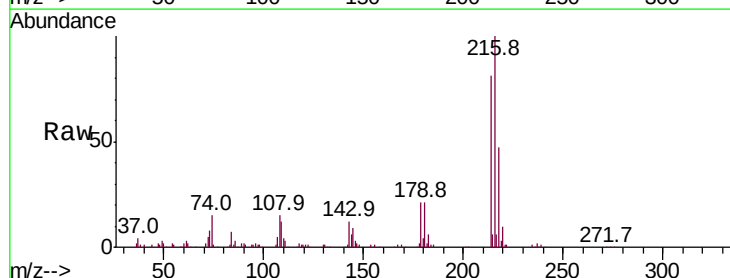
Ion Ratio Lower Upper

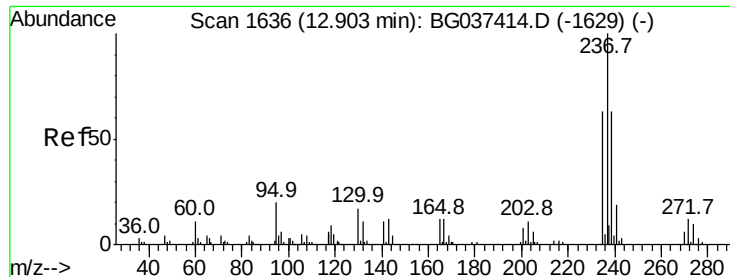
216 100

214 79.0 63.8 95.6

179 20.8 17.4 26.0

108 18.3 13.9 20.9

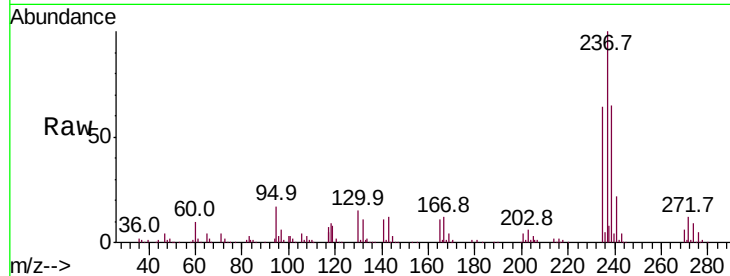




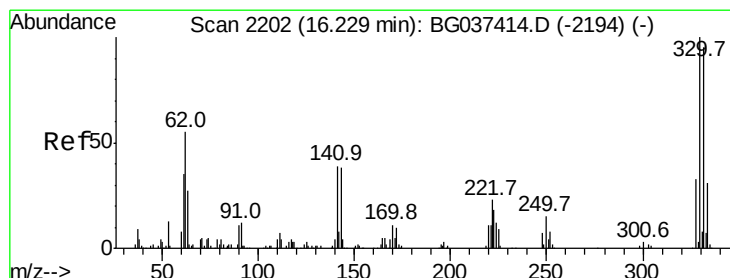
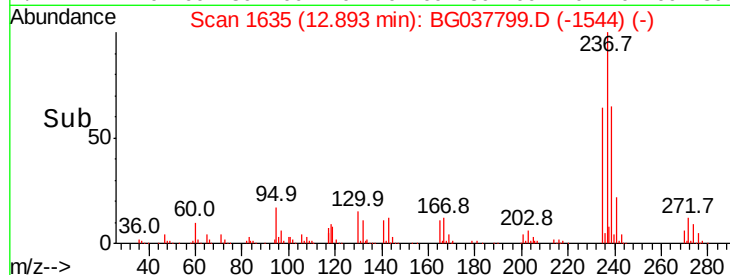
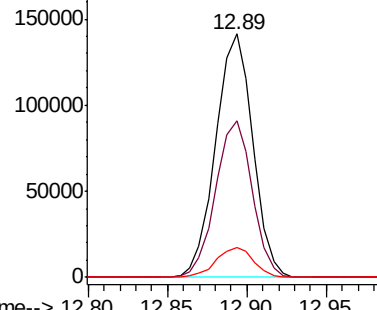
#41
Hexachlorocyclopentadiene
Concen: 103.897 ng
RT: 12.89 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.4	42.5	82.5
272	12.5	0.0	31.6

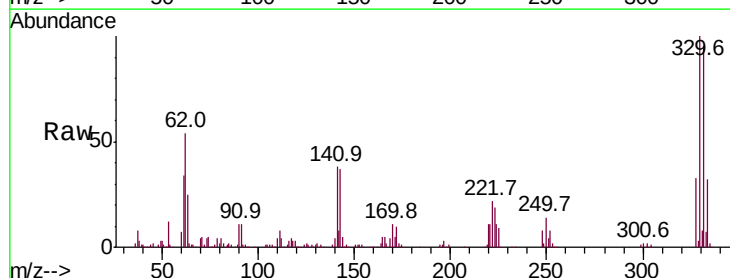


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

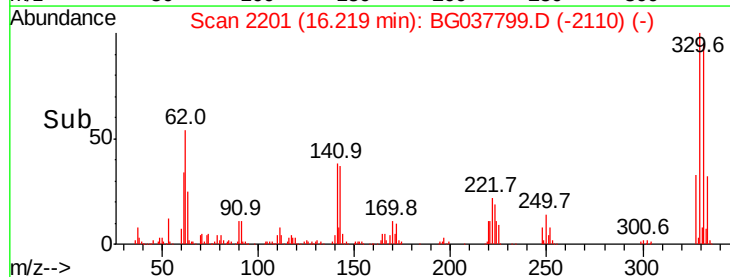
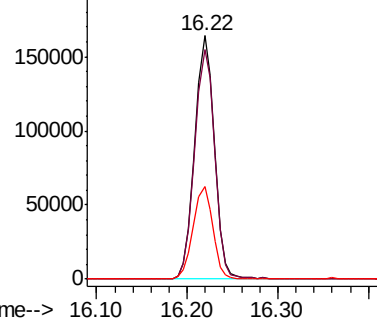


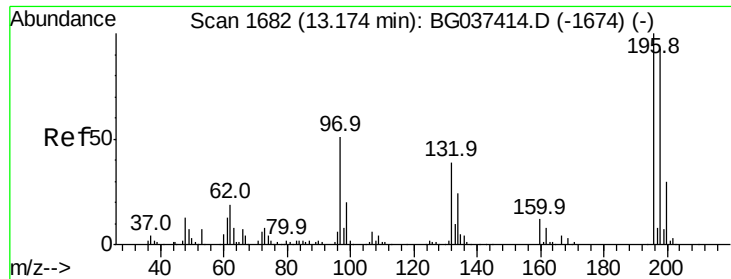
#42
2,4,6-Tribromophenol
Concen: 157.825 ng
RT: 16.22 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.4	78.4	117.6
141	38.0	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

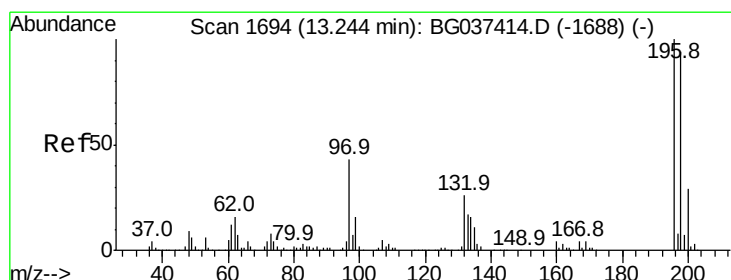
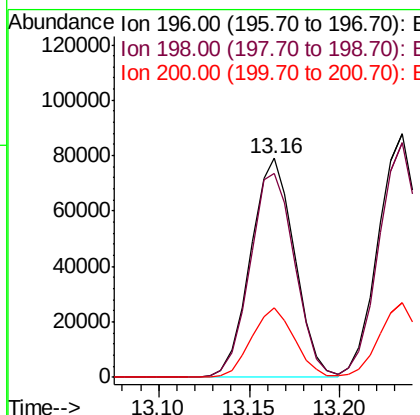
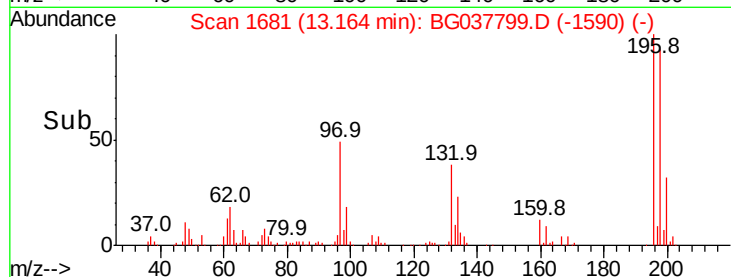
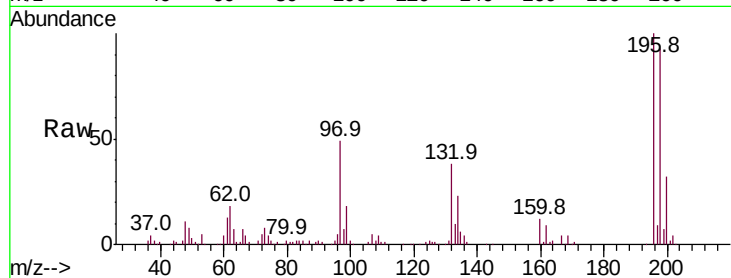




#43
 2,4,6-Trichlorophenol
 Concen: 43.006 ng
 RT: 13.16 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

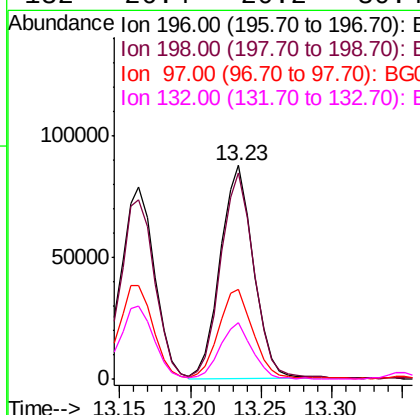
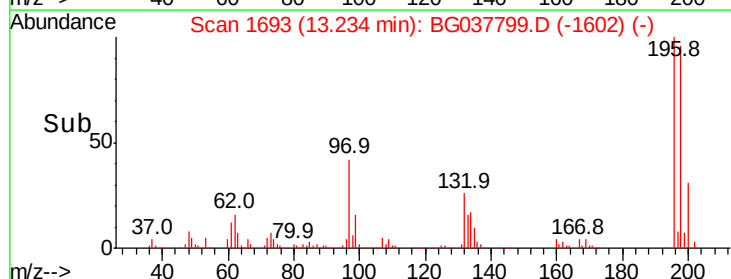
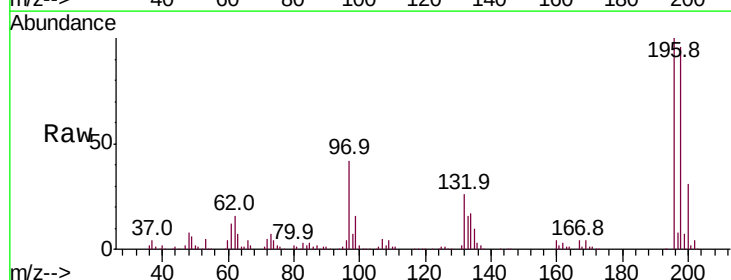
Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

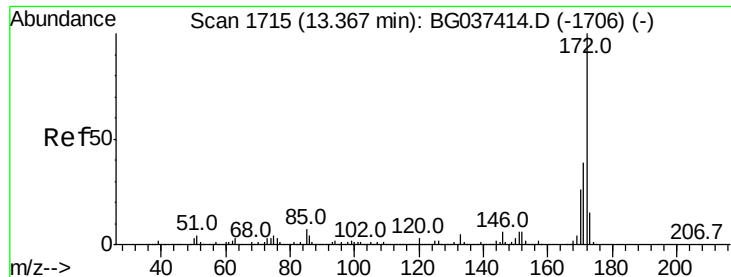
Tot Ion	196	Resp	133140
Ion Ratio	Lower	Upper	
196	100		
198	93.1	76.4	114.6
200	31.6	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.608 ng
 RT: 13.23 min Scan# 1693
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Tgt Ion	196	Resp	143616
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.2	111.2
97	41.9	34.1	51.1
132	26.4	20.2	30.4

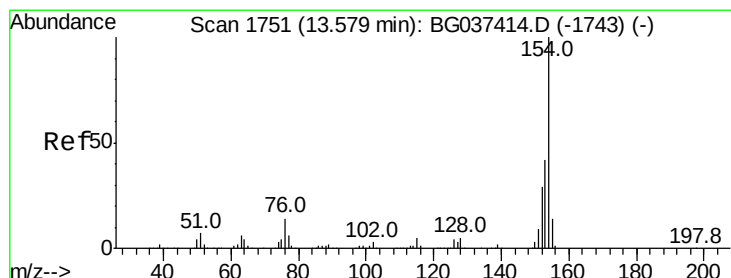
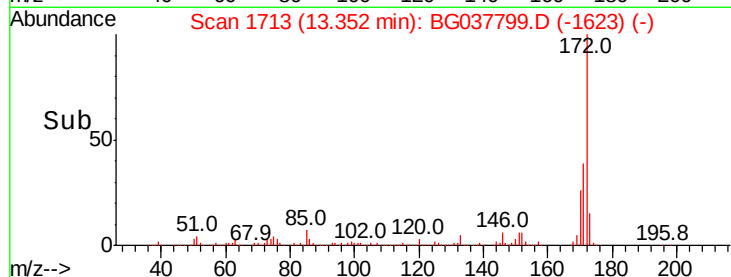
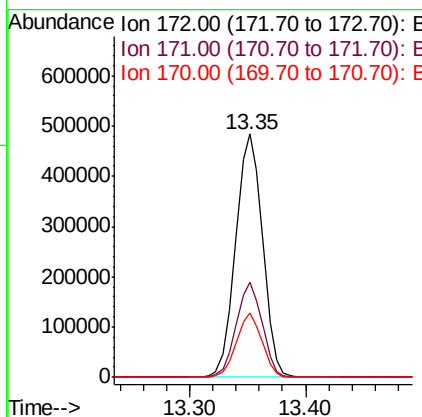
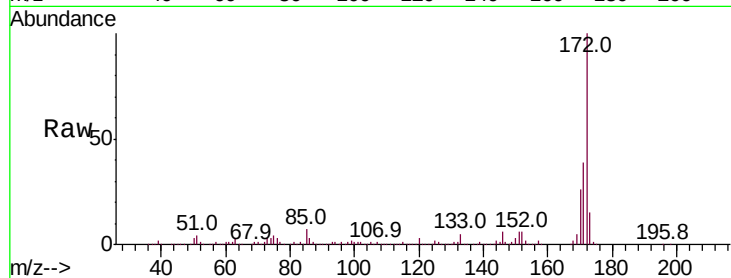




#45
2-Fluorobiphenyl
Concen: 81.578 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

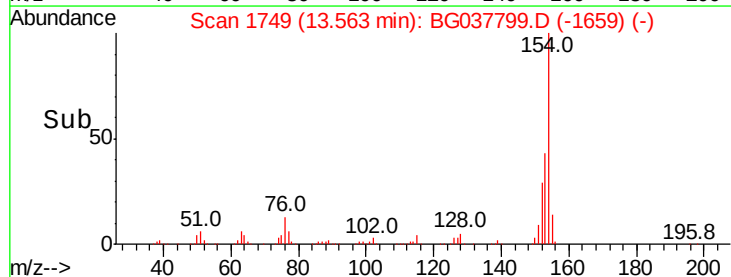
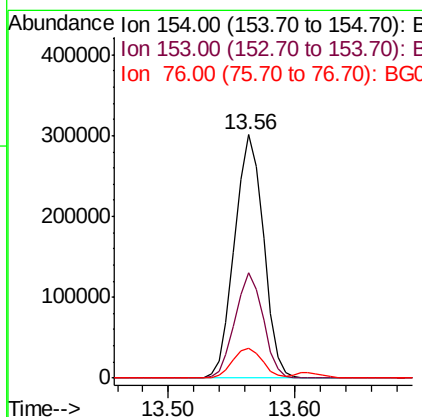
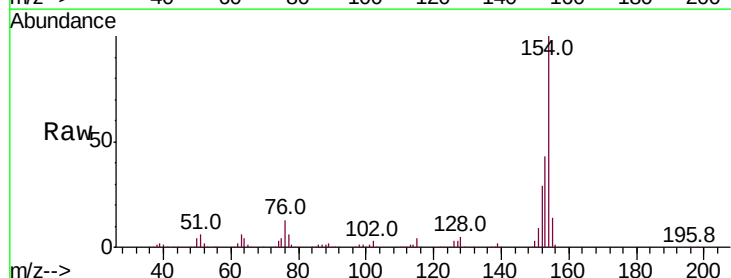
Instrument :
BNA_G
ClientSampleId :
PB114322BS

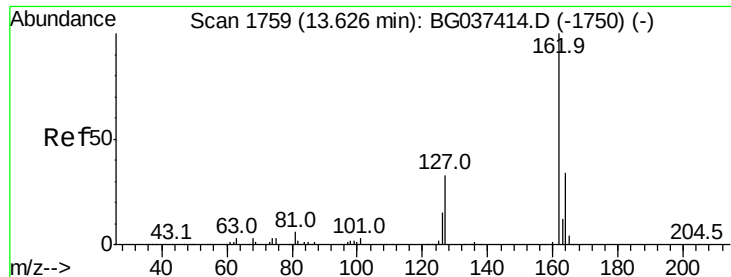
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.0	46.4
170	26.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.941 ng
RT: 13.56 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.4	22.1	62.1
76	12.5	0.0	33.2

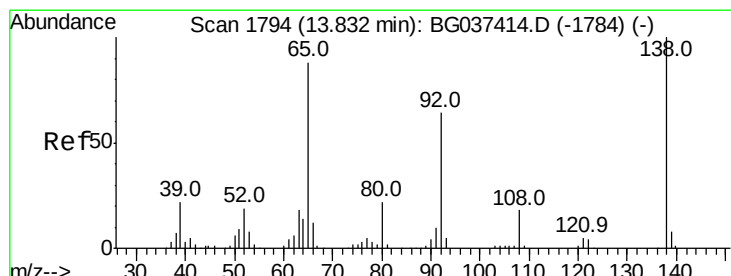
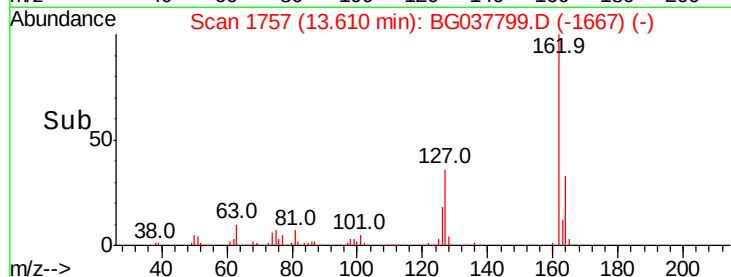
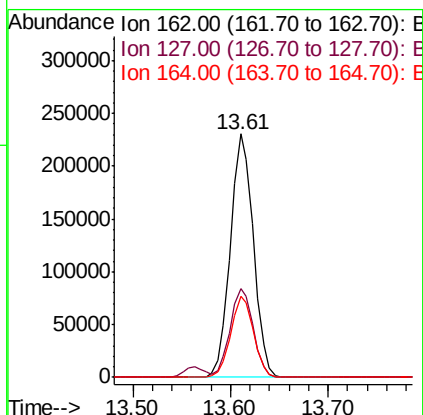
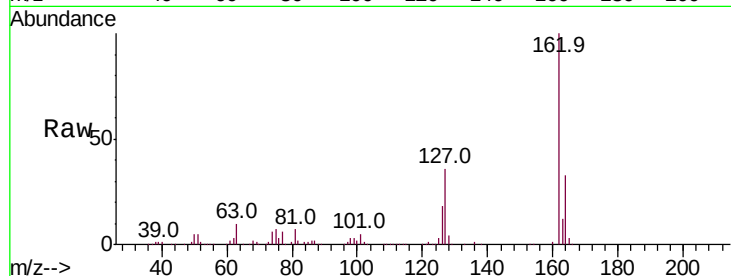




#47
2-Chloronaphthalene
Concen: 41.752 ng
RT: 13.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

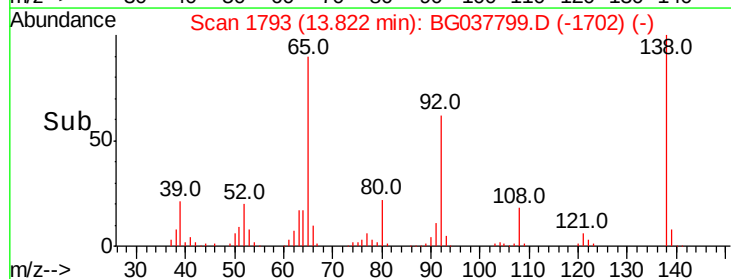
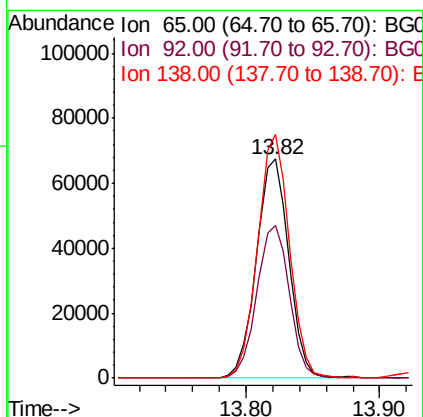
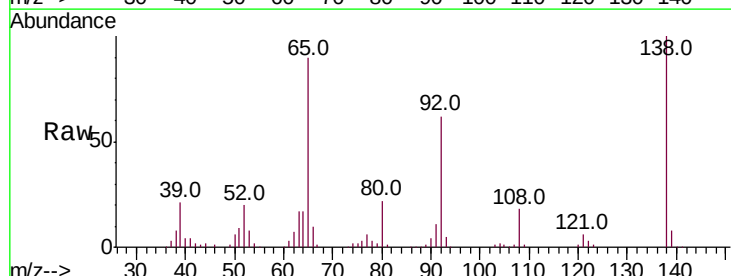
Instrument :
BNA_G
ClientSampleId :
PB114322BS

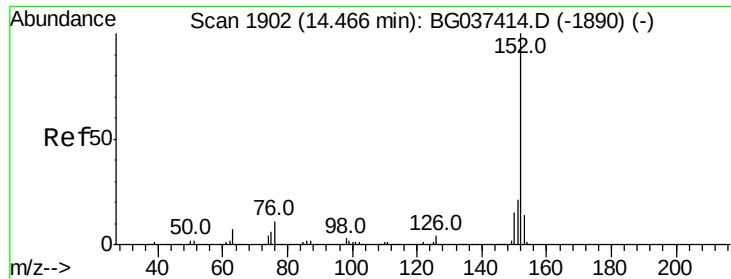
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.4	30.5	45.7
164	33.2	26.4	39.6



#48
2-Nitroaniline
Concen: 41.375 ng
RT: 13.82 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.5	53.2	79.8
138	111.2	79.3	118.9





#49

Acenaphthylene

Concen: 45.601 ng

RT: 14.46 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

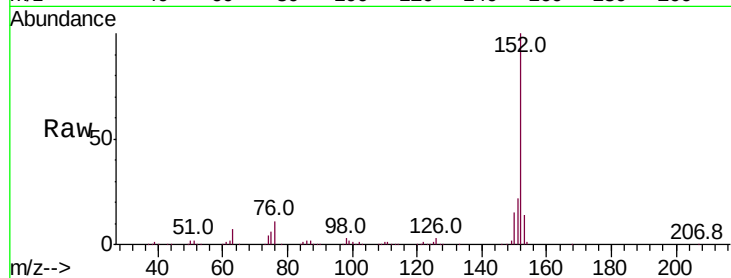
Tot Ion:152 Resp: 617442

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

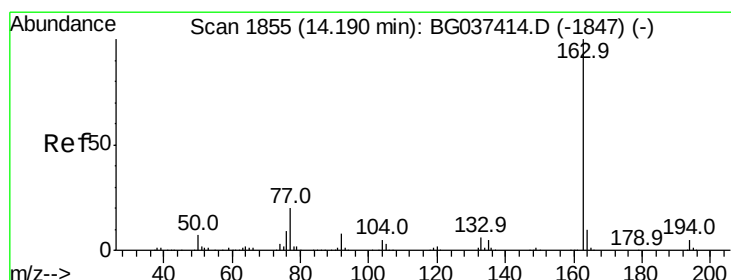
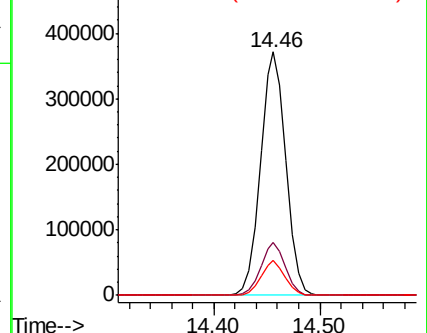
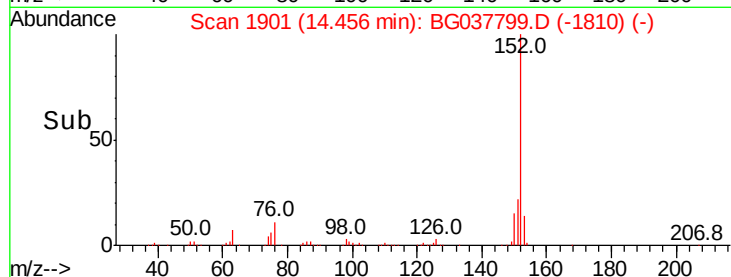
153 14.2 11.1 16.7



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: 41.908 ng

RT: 14.18 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

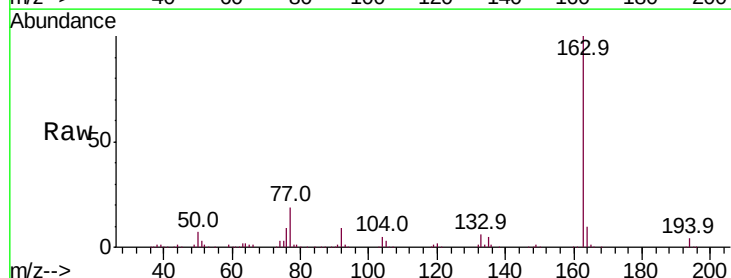
Tgt Ion:163 Resp: 465762

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

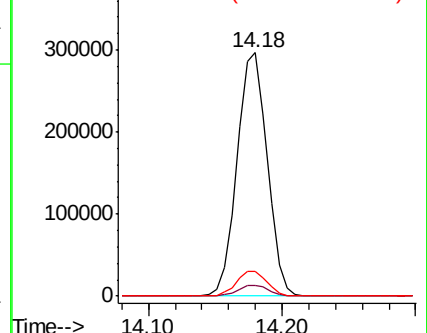
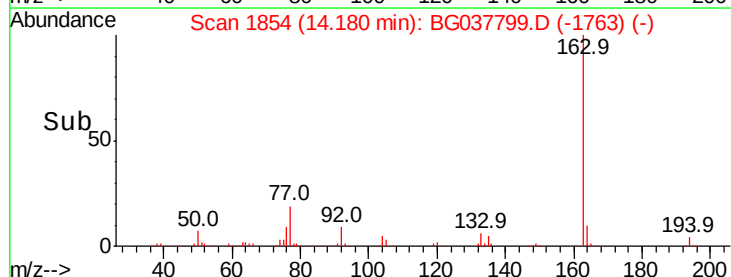
164 10.3 8.5 12.7

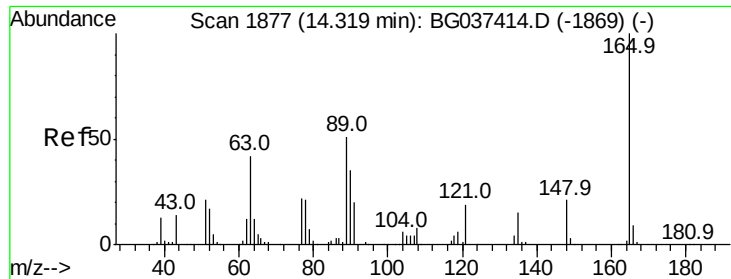


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

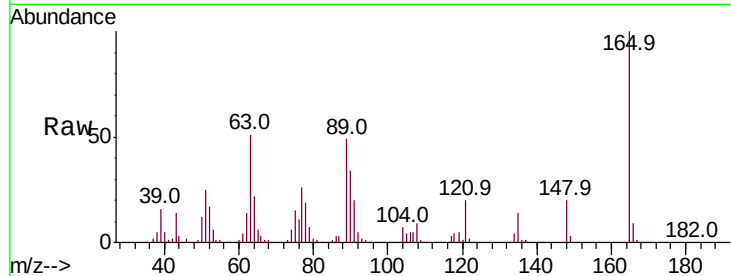




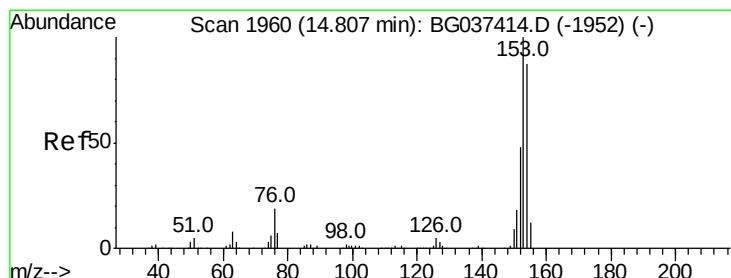
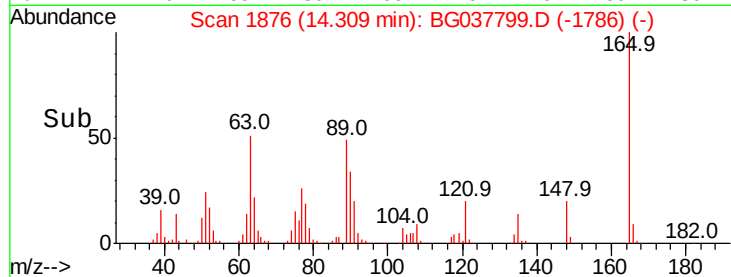
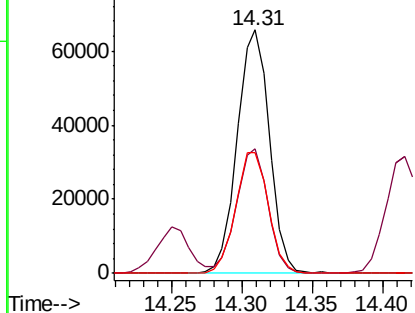
#51
2,6-Dinitrotoluene
Concen: 42.556 ng
RT: 14.31 min Scan# 1876
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:165 Resp: 104631
Ion Ratio Lower Upper
165 100
63 51.0 43.4 65.2
89 49.4 45.8 68.6

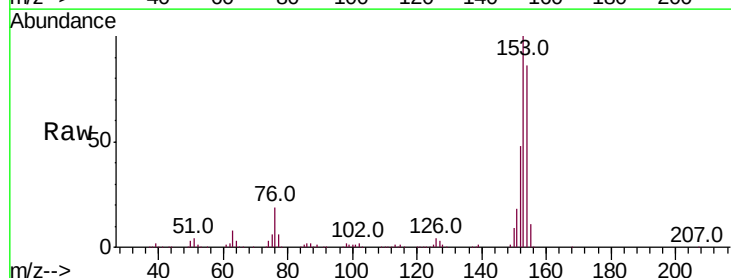


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

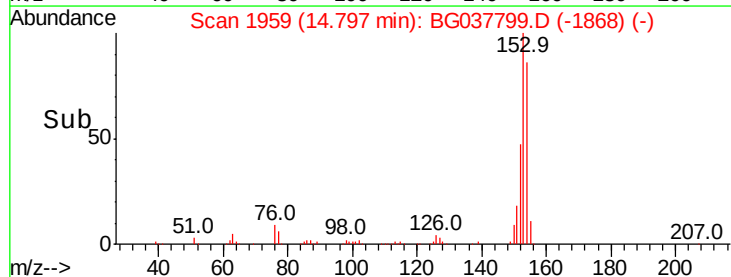
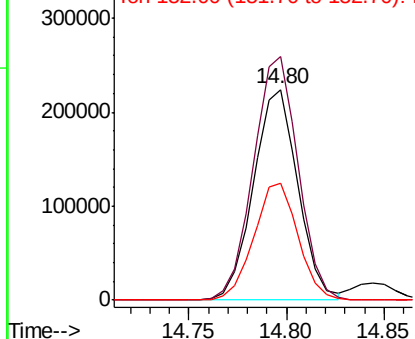


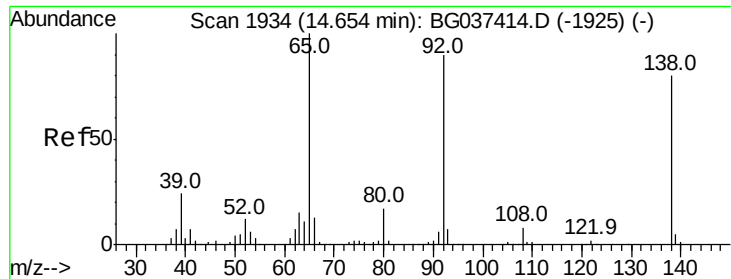
#52
Acenaphthene
Concen: 42.385 ng
RT: 14.80 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:154 Resp: 353448
Ion Ratio Lower Upper
154 100
153 115.8 93.4 140.0
152 55.5 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: 34.451 ng

RT: 14.64 min Scan# 1933

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

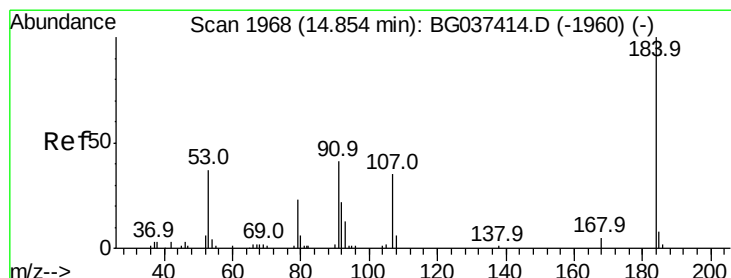
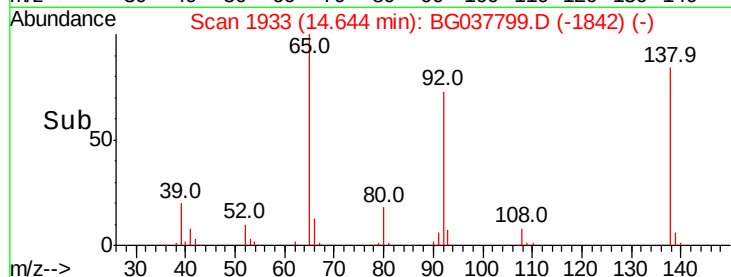
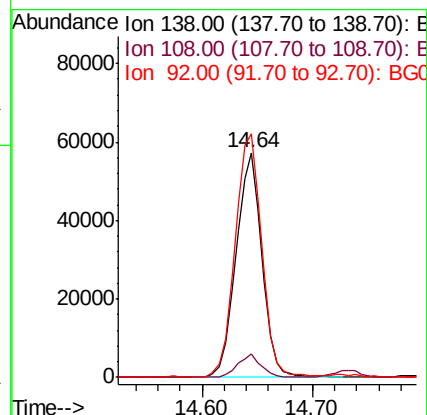
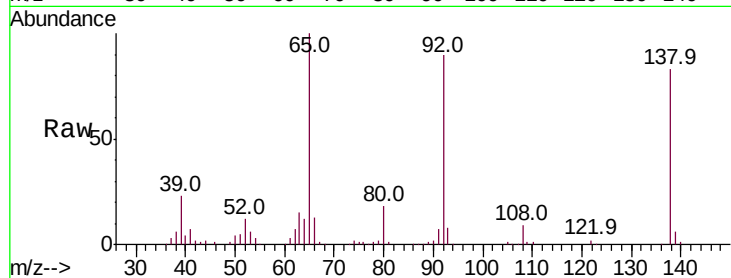
Tot Ion:138 Resp: 94031

Ion Ratio Lower Upper

138 100

108 10.3 11.0 16.6#

92 108.2 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 62.829 ng

RT: 14.84 min Scan# 1967

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

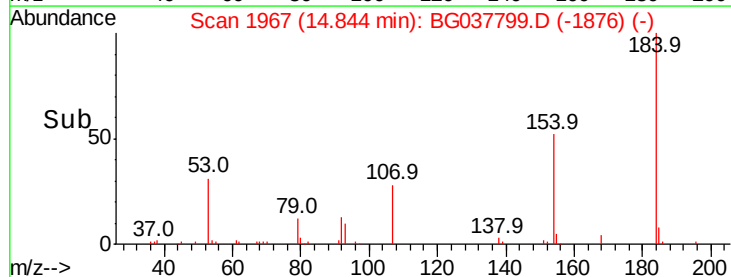
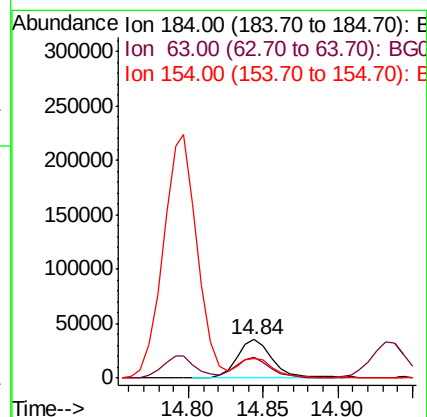
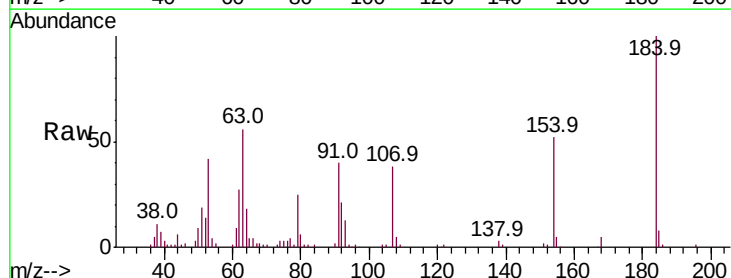
Tgt Ion:184 Resp: 58704

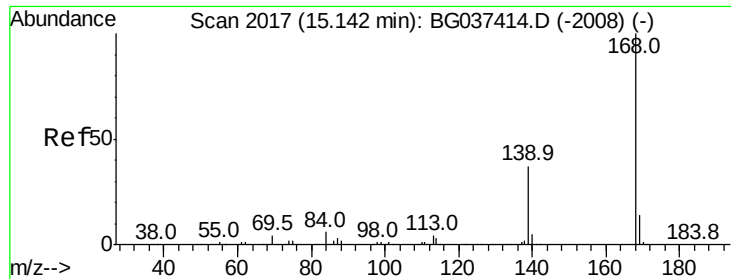
Ion Ratio Lower Upper

184 100

63 55.6 42.6 63.8

154 51.9 41.8 62.6

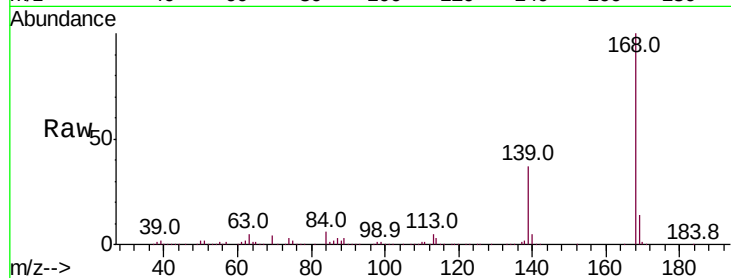




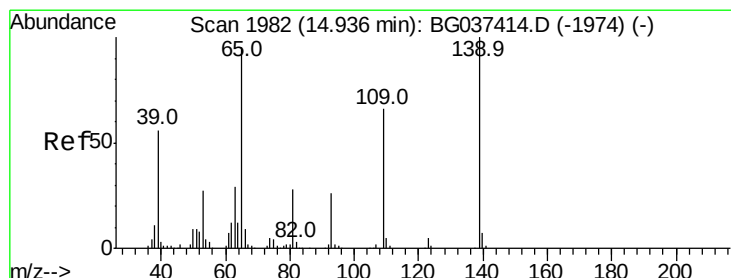
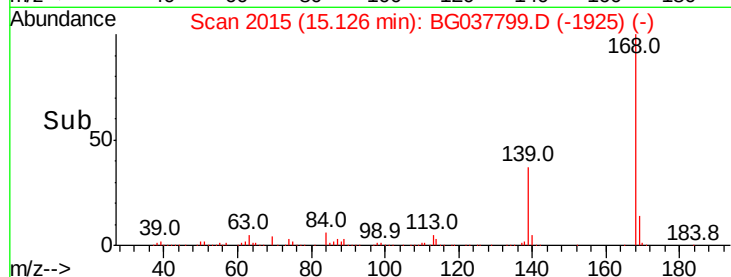
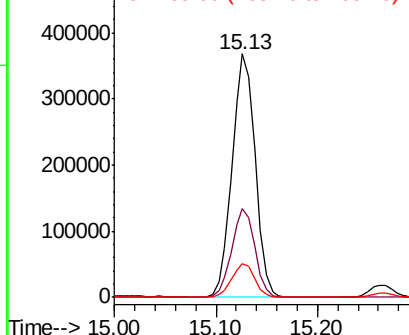
#55
Dibenzenofuran
Concen: 42.065 ng
RT: 15.13 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:168 Resp: 581174
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.0
169 14.1 11.0 16.6

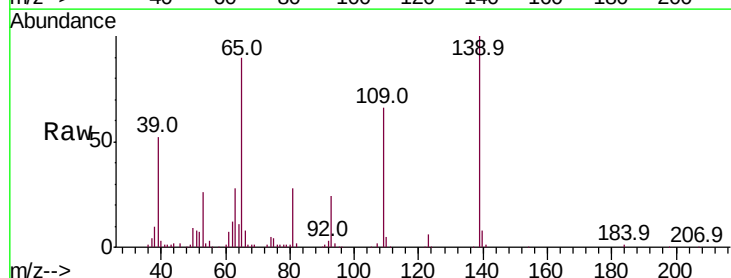


Abundance Ion 168.00 (167.70 to 168.70): E
500000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

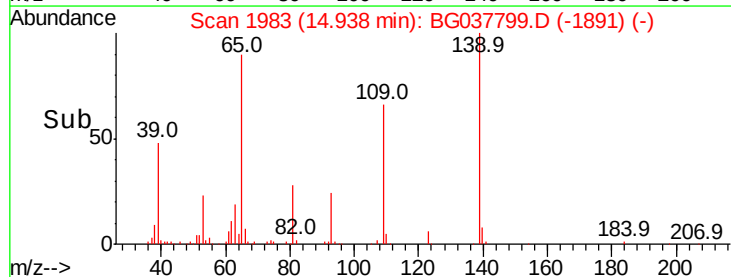
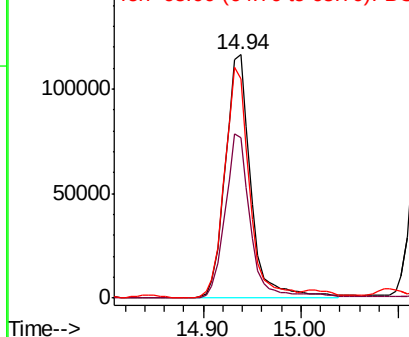


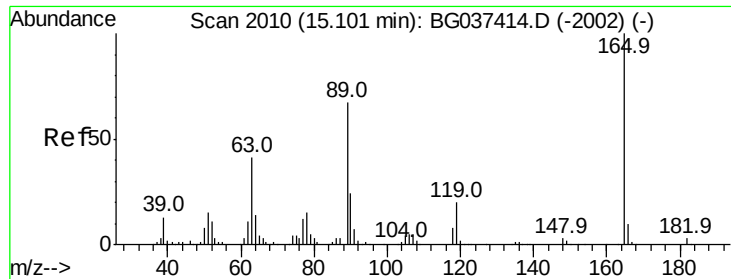
#56
4-Nitrophenol
Concen: 105.235 ng
RT: 14.94 min Scan# 1983
Delta R.T. 0.01 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:139 Resp: 212610
Ion Ratio Lower Upper
139 100
109 66.1 49.5 89.5
65 90.2 76.8 116.8



Abundance Ion 139.00 (138.70 to 139.70): E
150000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BG

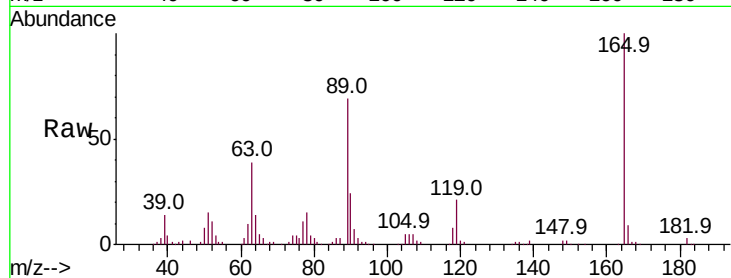




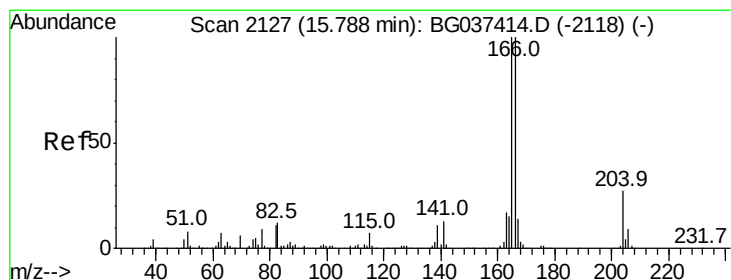
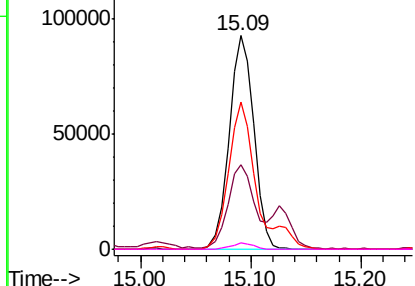
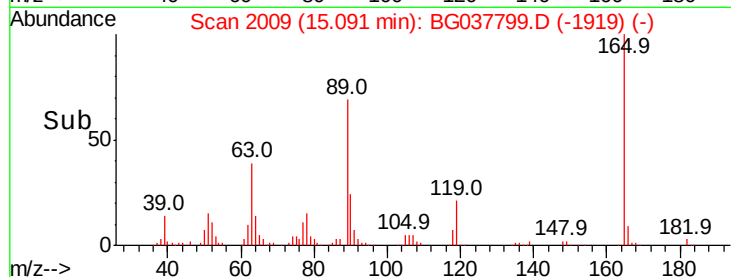
#57
2,4-Dinitrotoluene
Concen: 44.872 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:165 Resp: 144818
Ion Ratio Lower Upper
165 100
63 39.4 33.4 50.0
89 68.7 57.2 85.8
182 2.7 2.6 4.0

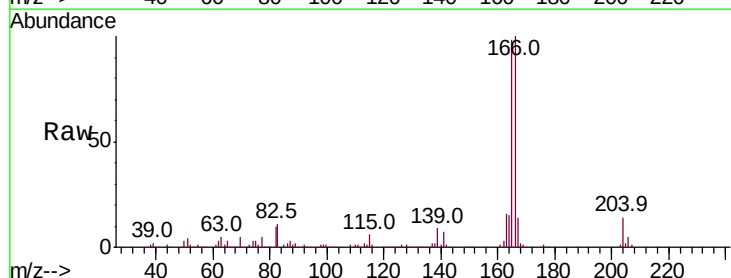


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

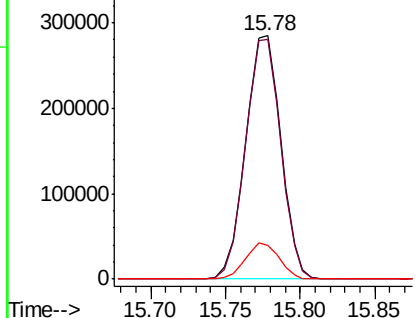
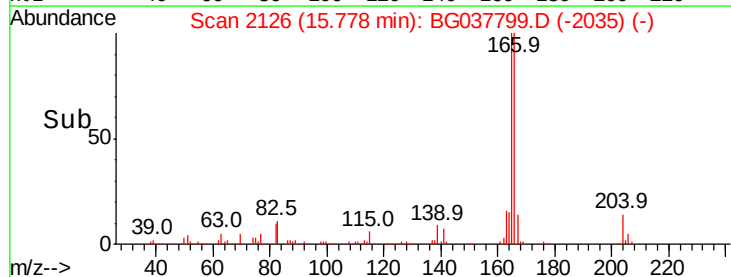


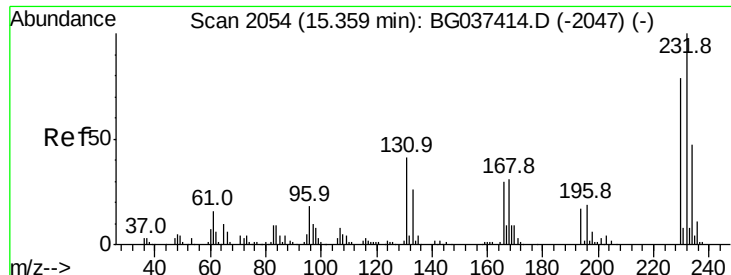
#58
Fluorene
Concen: 44.866 ng
RT: 15.78 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:166 Resp: 464198
Ion Ratio Lower Upper
166 100
165 98.4 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: 43.757 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

Tot Ion:232 Resp: 126280

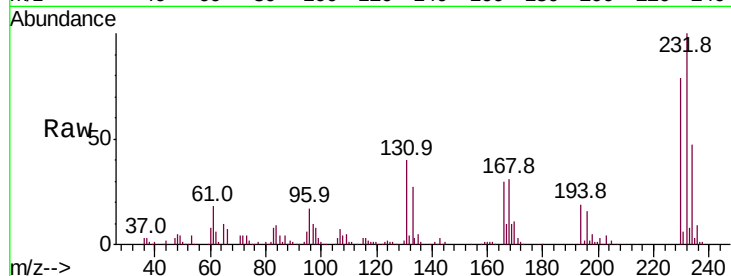
Ion Ratio Lower Upper

232 100

131 40.7 33.7 50.5

130 2.3 2.1 3.1

166 30.1 24.6 36.8

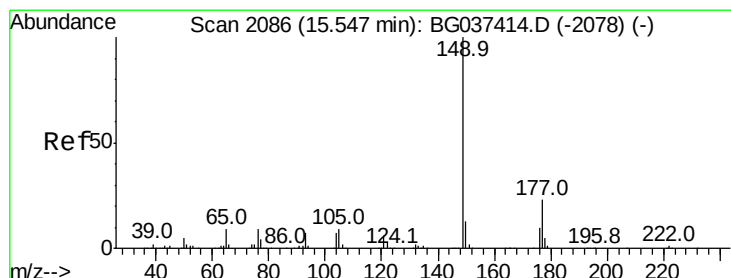
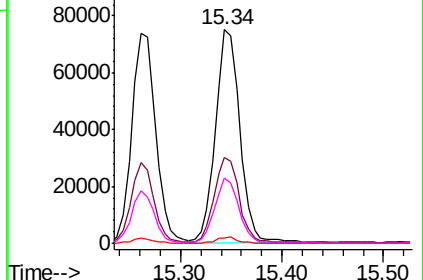
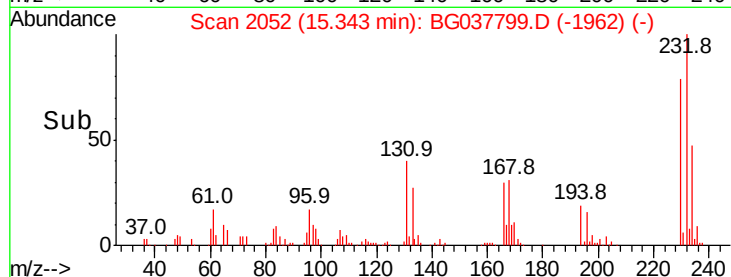


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.683 ng

RT: 15.53 min Scan# 2084

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

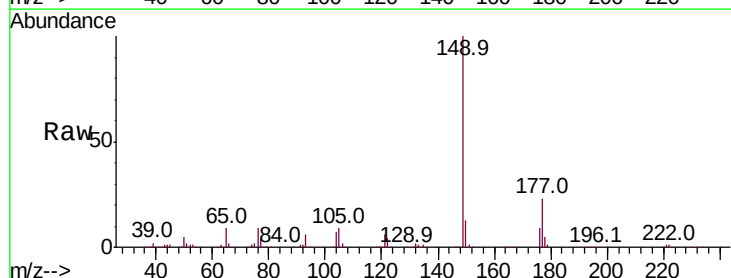
Tgt Ion:149 Resp: 475610

Ion Ratio Lower Upper

149 100

177 23.1 18.3 27.5

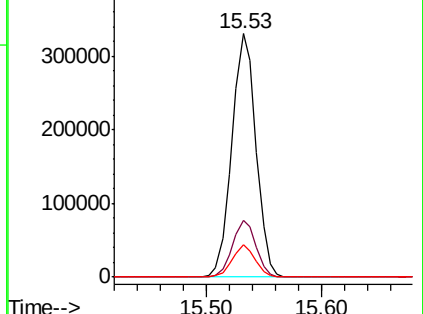
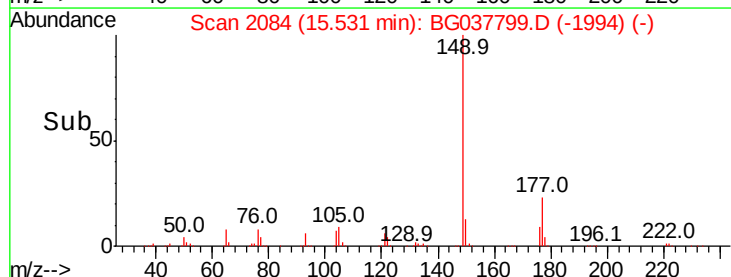
150 13.4 10.0 15.0

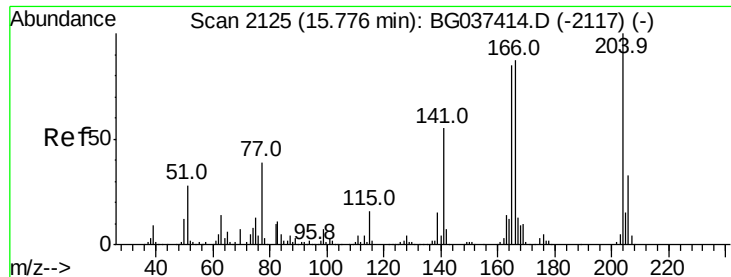


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

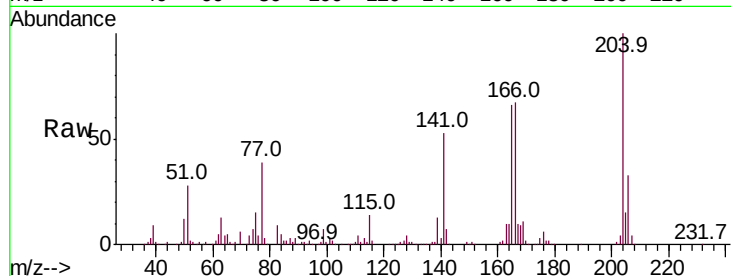




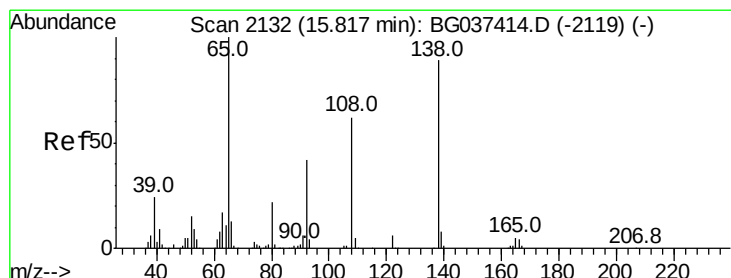
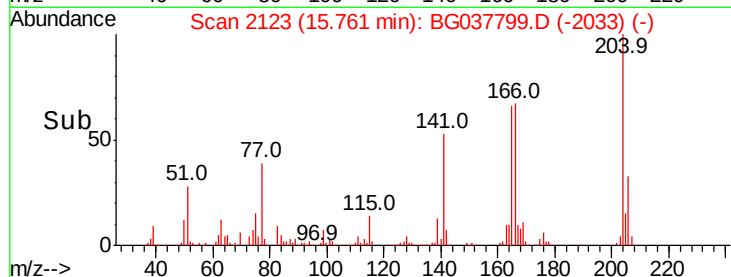
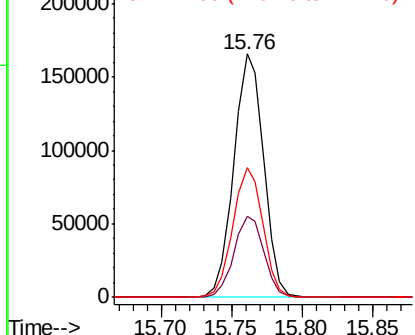
#61
4-Chlorophenyl-phenylether
Concen: 40.326 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:204 Resp: 243188
Ion Ratio Lower Upper
204 100
206 33.5 26.6 39.8
141 53.5 45.4 68.2

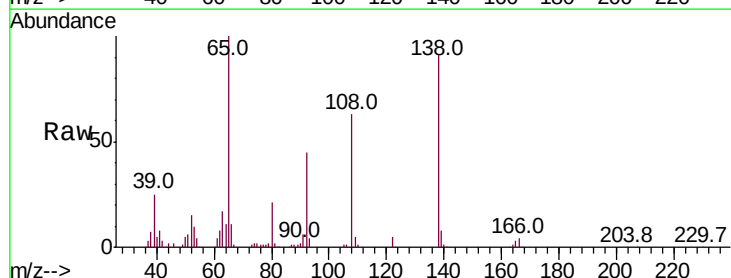


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

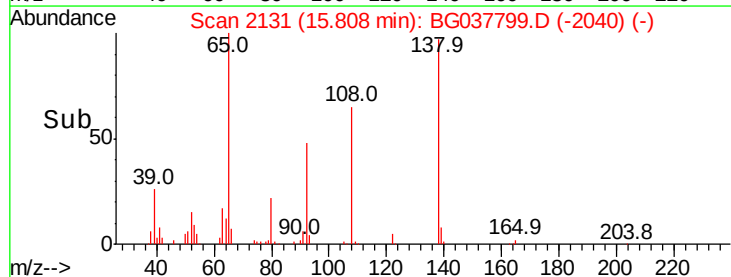
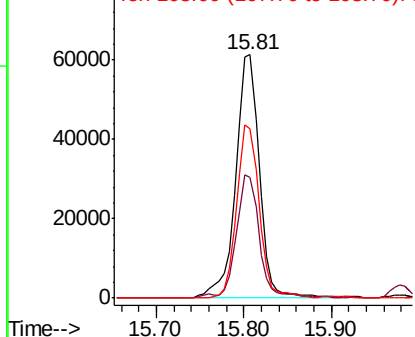


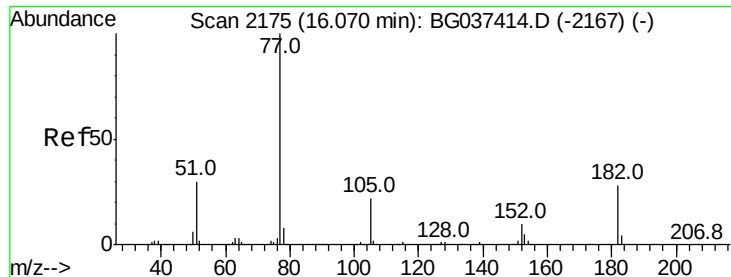
#62
4-Nitroaniline
Concen: 41.316 ng
RT: 15.81 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:138 Resp: 112056
Ion Ratio Lower Upper
138 100
92 49.4 36.4 76.4
108 69.5 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: 41.071 ng

RT: 16.05 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

Tot Ion: 77 Resp: 447124

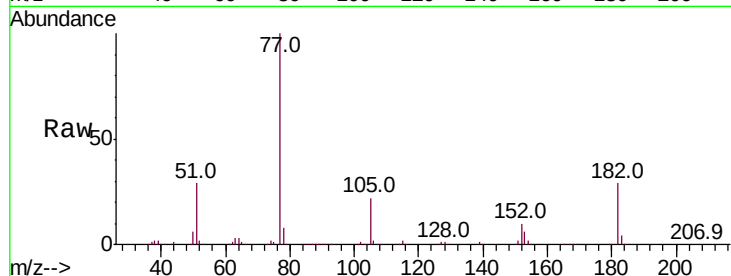
Ion Ratio Lower Upper

77 100

182 28.7 8.0 48.0

105 22.4 1.3 41.3

51 29.2 10.7 50.7

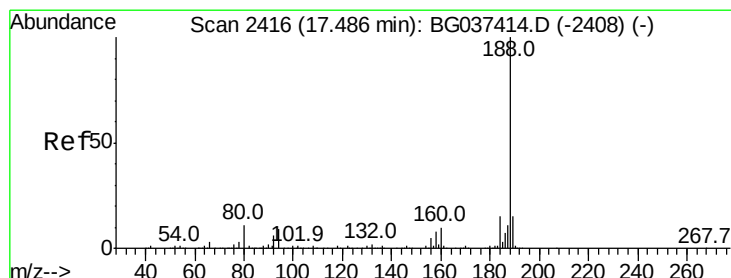
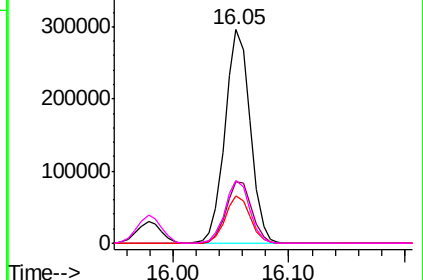
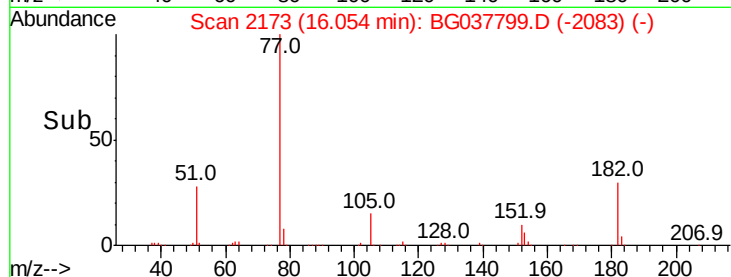


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

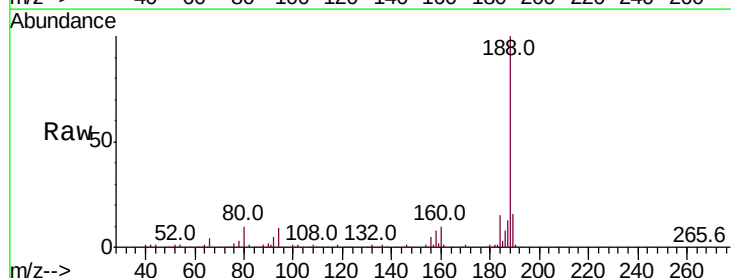
Tgt Ion: 188 Resp: 331352

Ion Ratio Lower Upper

188 100

94 9.2 7.2 10.8

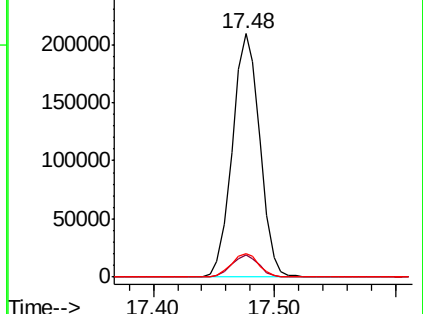
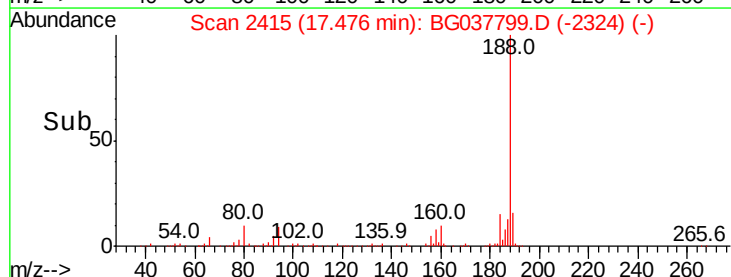
80 9.5 7.7 11.5

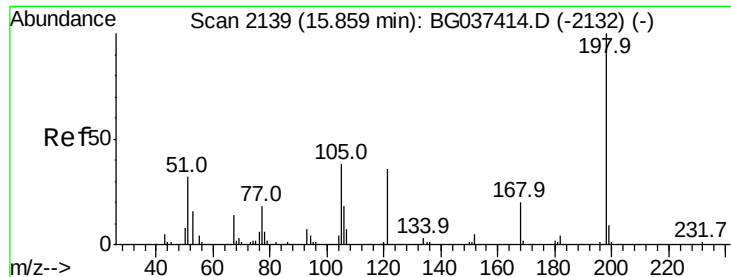


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 37.780 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

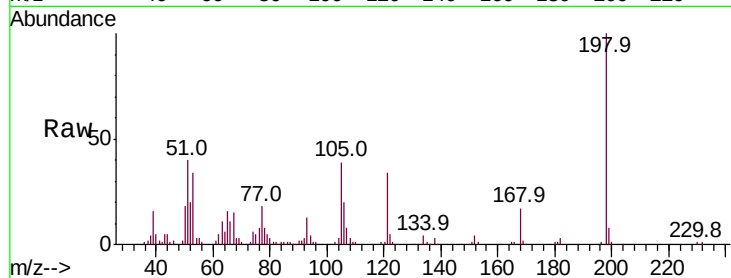
Tot Ion:198 Resp: 61864

Ion Ratio Lower Upper

198 100

51 40.1 22.7 62.7

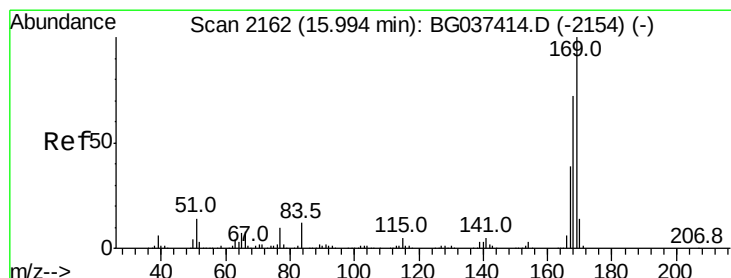
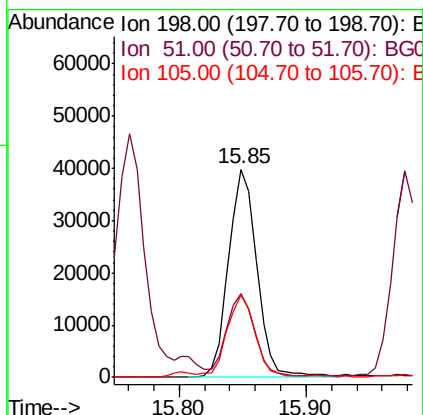
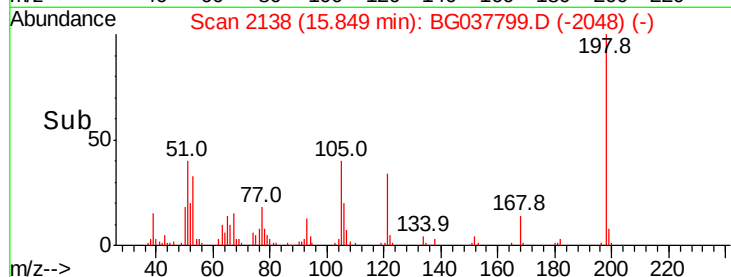
105 39.4 19.7 59.7



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: 42.459 ng

RT: 15.98 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

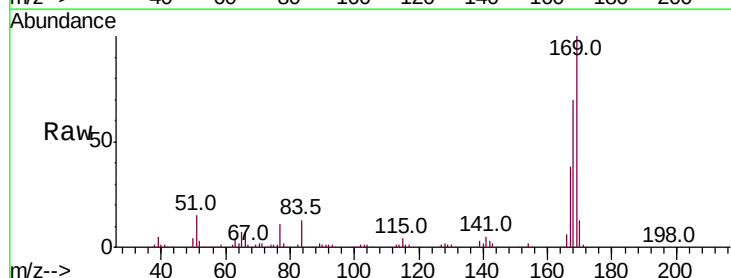
Tgt Ion:169 Resp: 423194

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

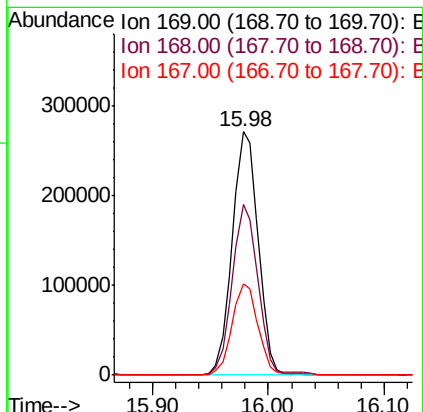
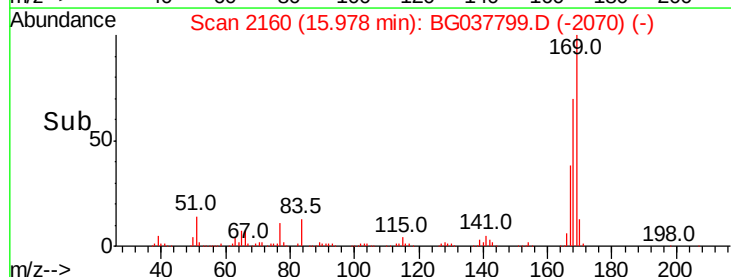
167 37.8 31.3 46.9

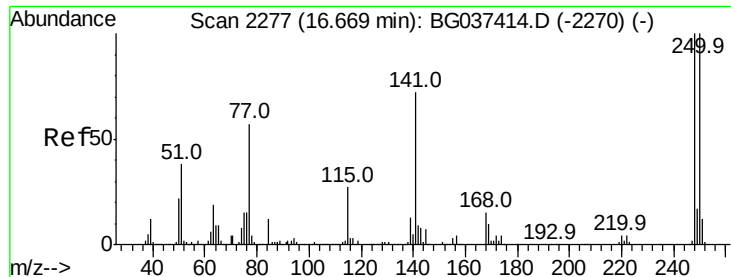


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

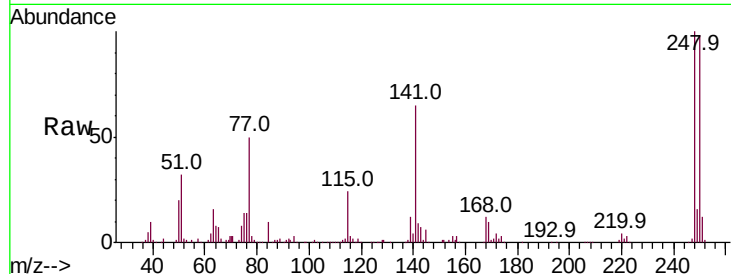




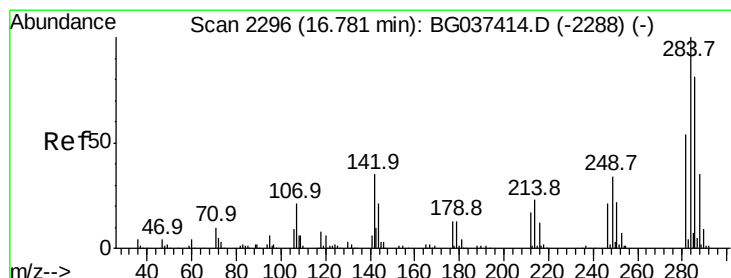
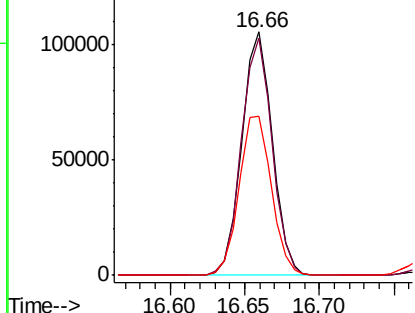
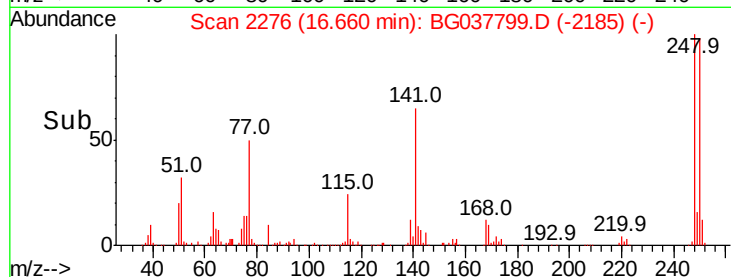
#67
 4-Bromophenyl-phenylether
 Concen: 41.011 ng
 RT: 16.66 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Instrument :
 BNA_G
 ClientSampleId :
 PB114322BS

Tot Ion:248 Resp: 149232
 Ion Ratio Lower Upper
 248 100
 250 97.6 77.0 115.6
 141 65.5 55.5 83.3

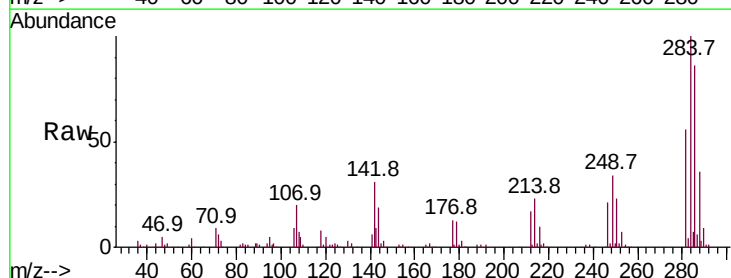


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

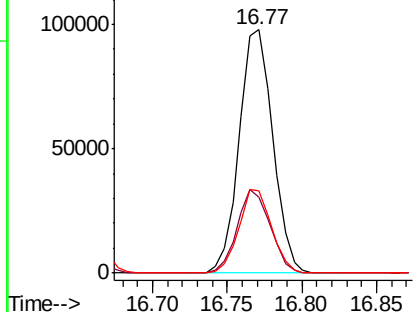
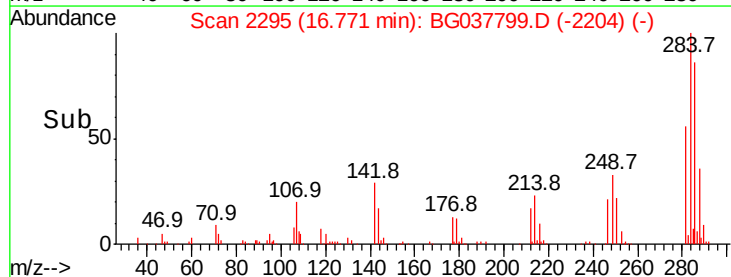


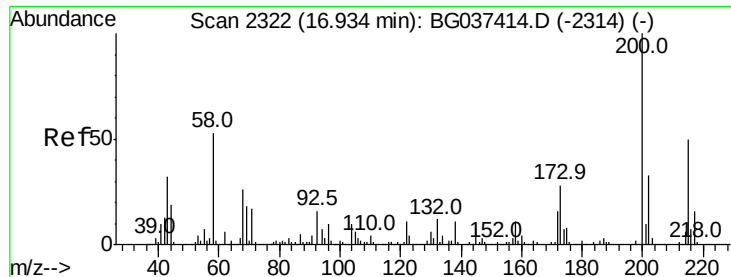
#68
 Hexachlorobenzene
 Concen: 40.484 ng
 RT: 16.77 min Scan# 2295
 Delta R.T. 0.00 min
 Lab File: BG037799.D
 Acq: 5 Nov 2018 12:35

Tgt Ion:284 Resp: 152675
 Ion Ratio Lower Upper
 284 100
 142 31.3 28.1 42.1
 249 36.2 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

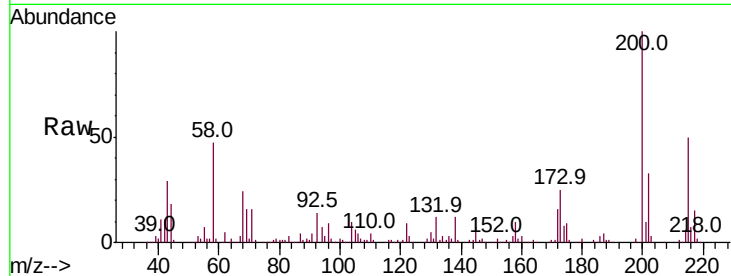




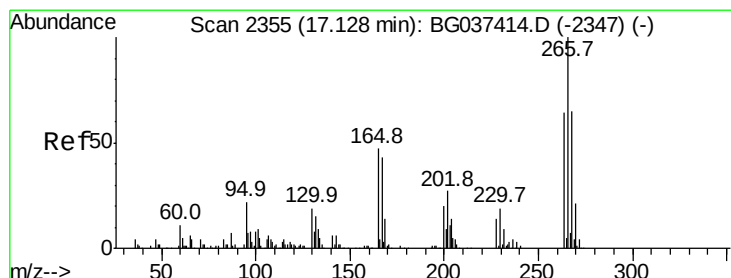
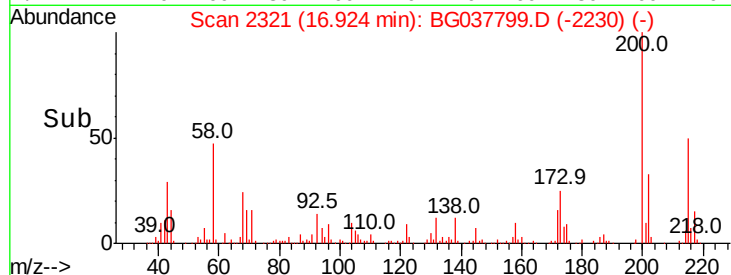
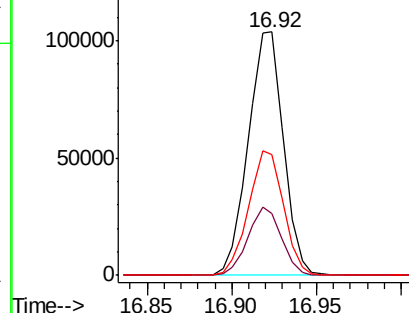
#69
Atrazine
Concen: 41.832 ng
RT: 16.92 min Scan# 2321
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:200 Resp: 150749
Ion Ratio Lower Upper
200 100
173 25.3 6.1 46.1
215 49.6 30.8 70.8

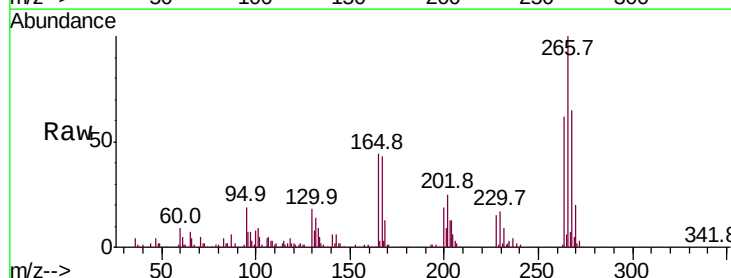


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

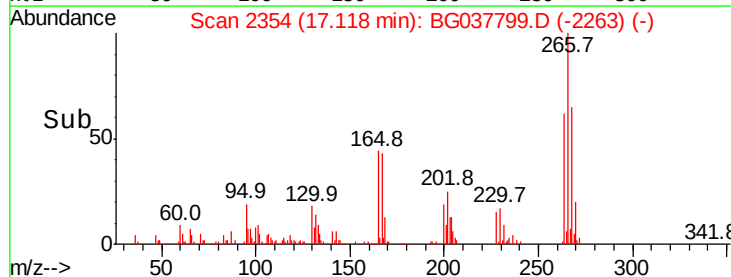
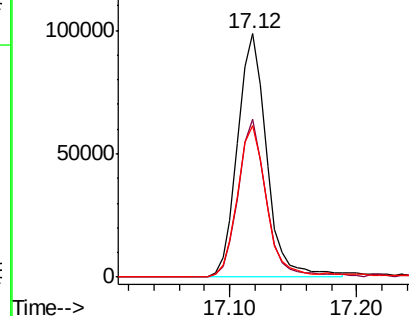


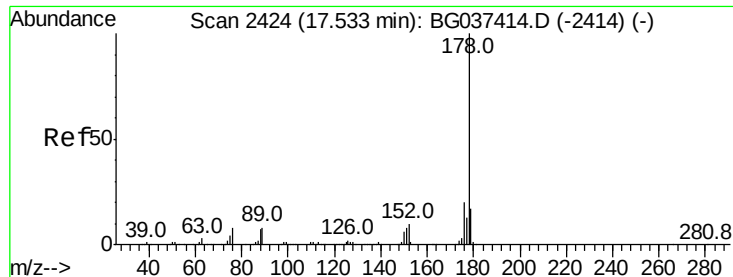
#70
Pentachlorophenol
Concen: 62.101 ng
RT: 17.12 min Scan# 2354
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:266 Resp: 156875
Ion Ratio Lower Upper
266 100
268 69.7 55.0 82.6
264 68.1 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

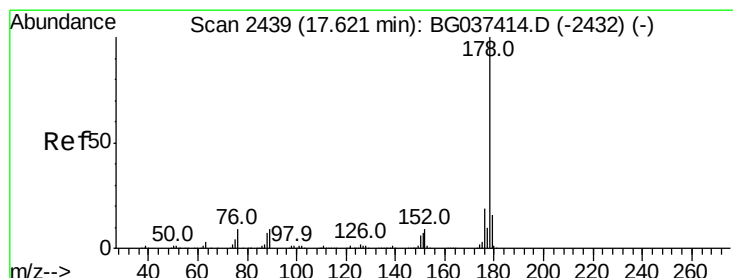
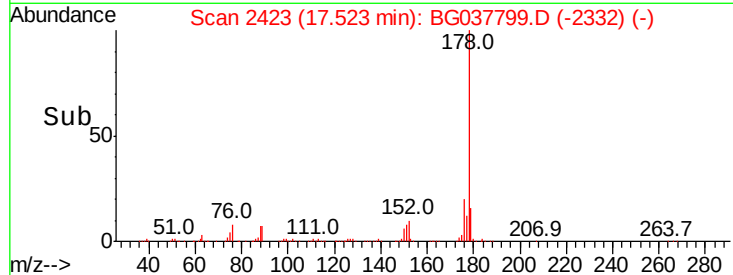
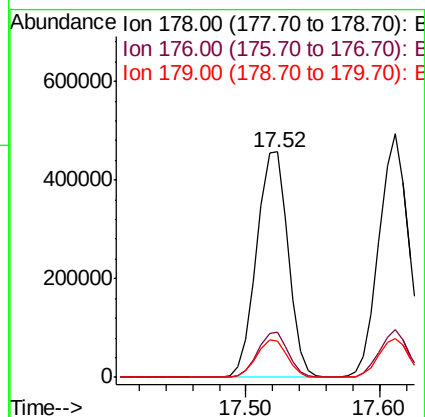
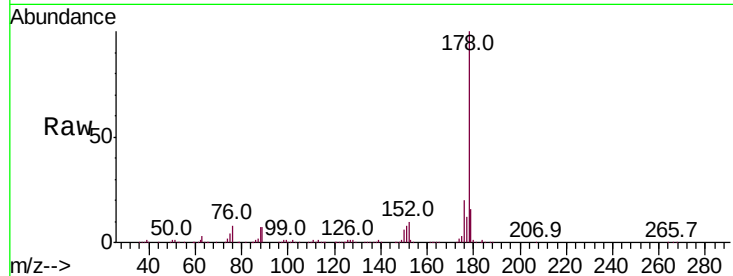




#71
Phenanthrene
Concen: 44.268 ng
RT: 17.52 min Scan# 2423
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

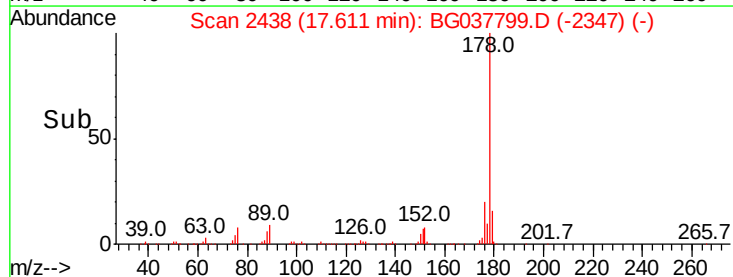
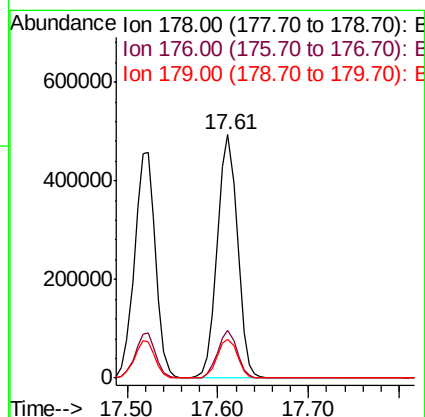
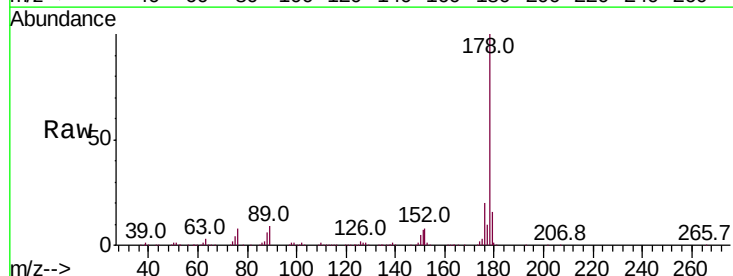
Instrument :
BNA_G
ClientSampleId :
PB114322BS

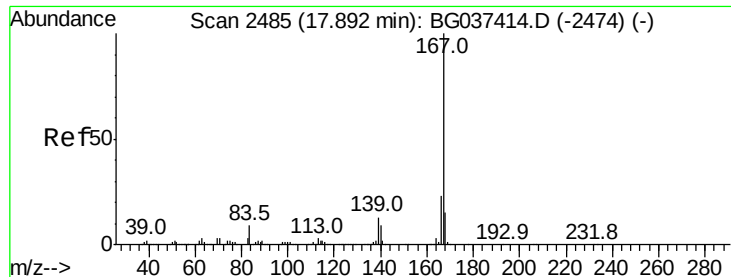
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.1	24.1
179	16.1	13.0	19.4



#72
Anthracene
Concen: 46.070 ng
RT: 17.61 min Scan# 2438
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.0	22.4
179	15.9	12.8	19.2





#73

Carbazole

Concen: 40.786 ng

RT: 17.88 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

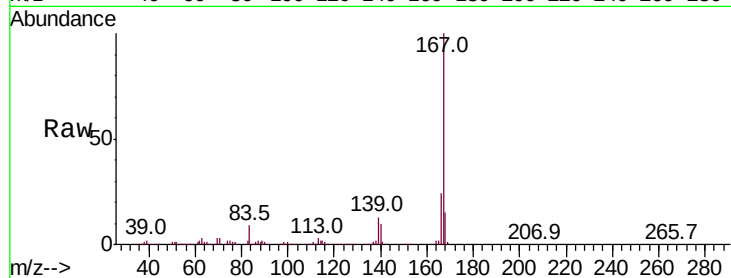
Tot Ion:167 Resp: 674240

Ion Ratio Lower Upper

167 100

166 23.5 18.3 27.5

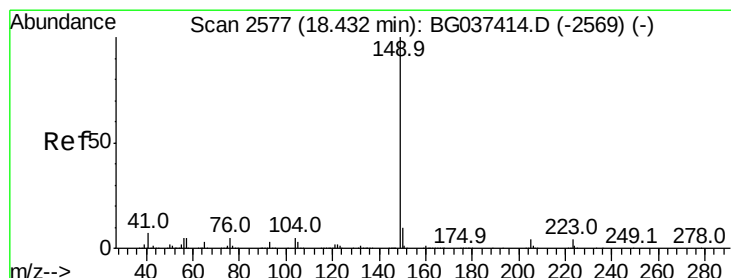
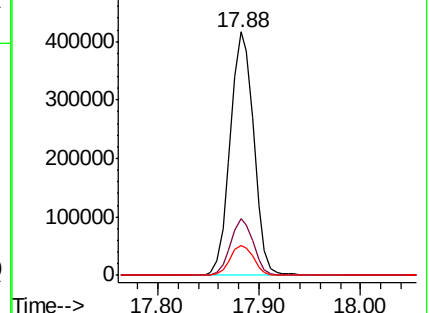
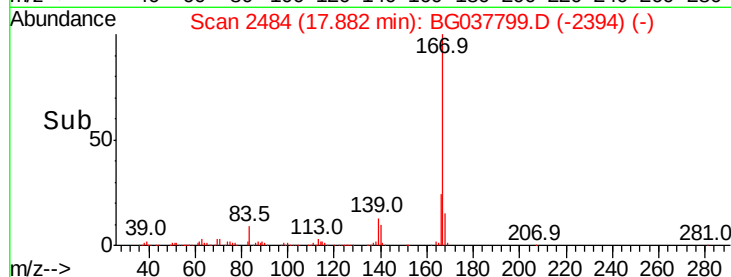
139 12.5 10.5 15.7



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: 43.082 ng

RT: 18.42 min Scan# 2575

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

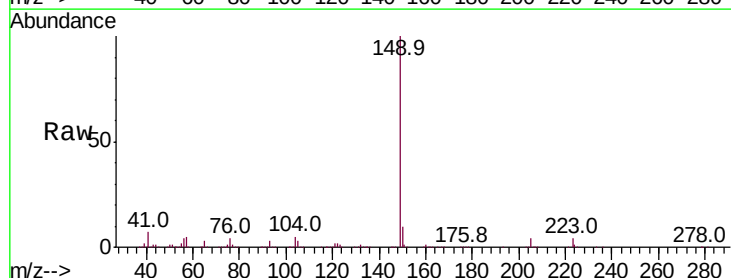
Tgt Ion:149 Resp: 792273

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

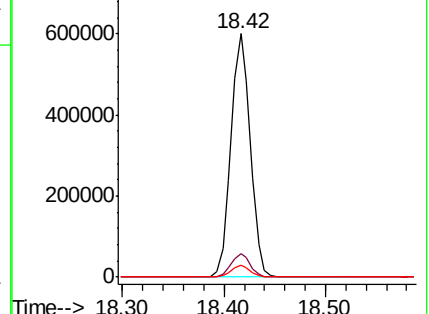
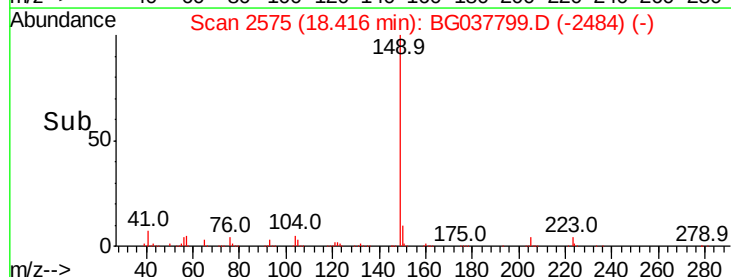
104 5.1 4.0 6.0

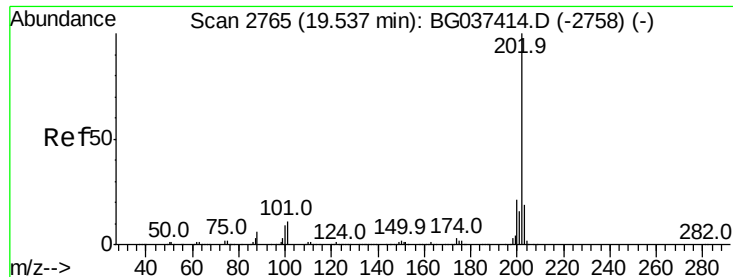


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.739 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

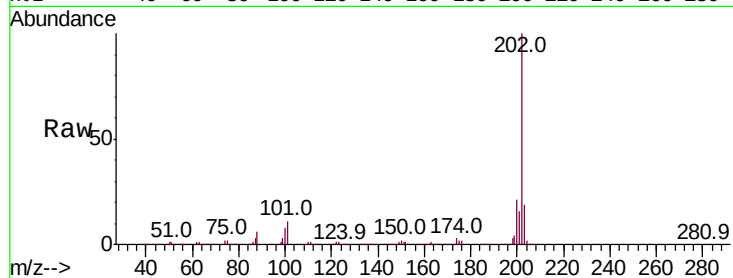
Tot Ion:202 Resp: 854530

Ion Ratio Lower Upper

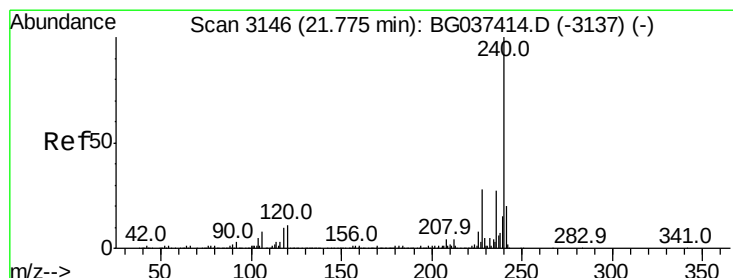
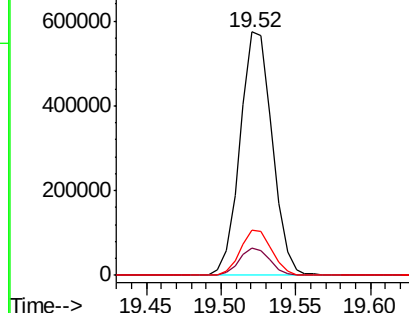
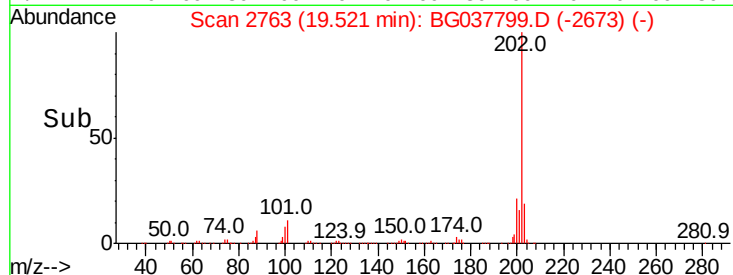
202 100

101 11.2 0.0 30.7

203 18.8 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: 21.76 min Scan# 3144

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

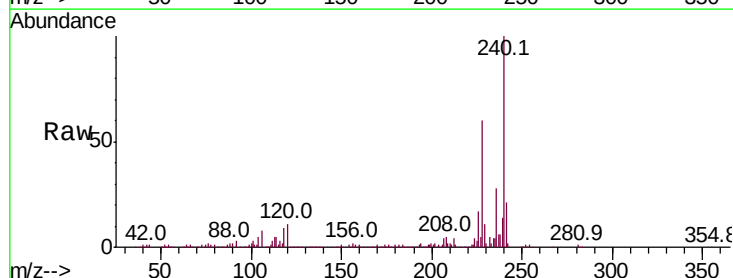
Tgt Ion:240 Resp: 302560

Ion Ratio Lower Upper

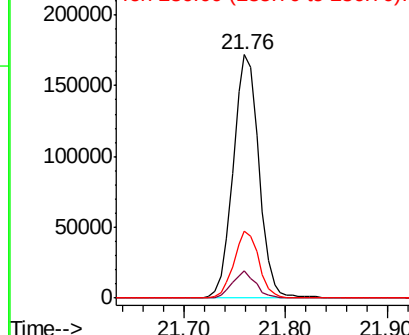
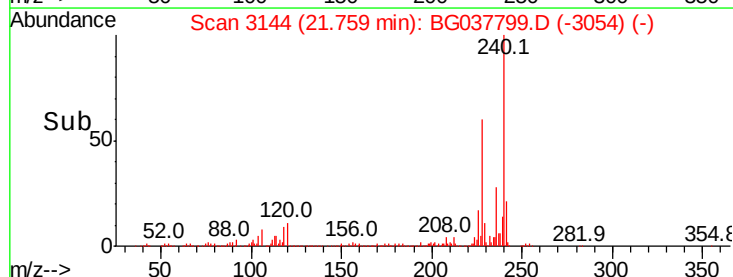
240 100

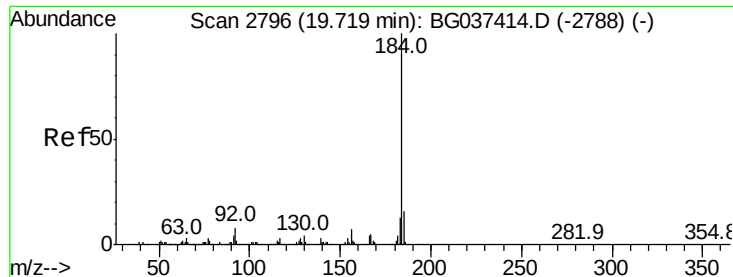
120 11.5 8.1 12.1

236 27.6 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: 35.301 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

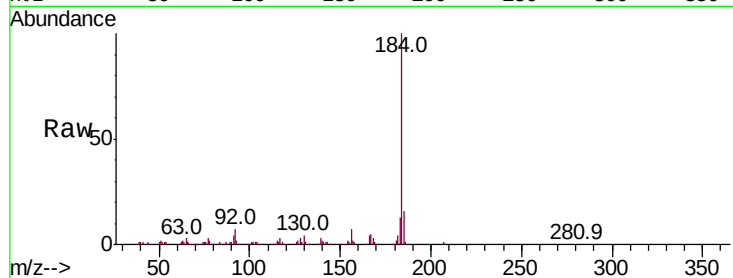
BNA_G

ClientSampleId :

PB114322BS

Tot Ion:184 Resp: 363167

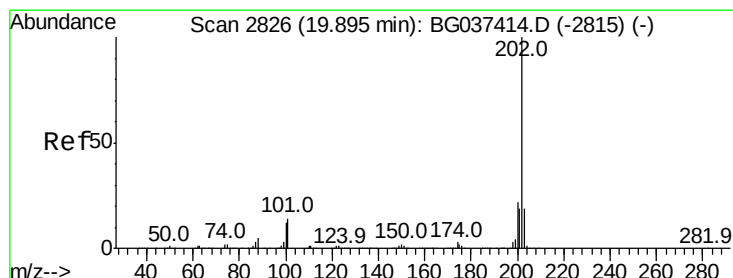
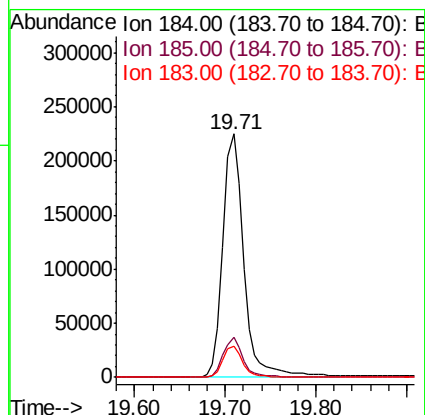
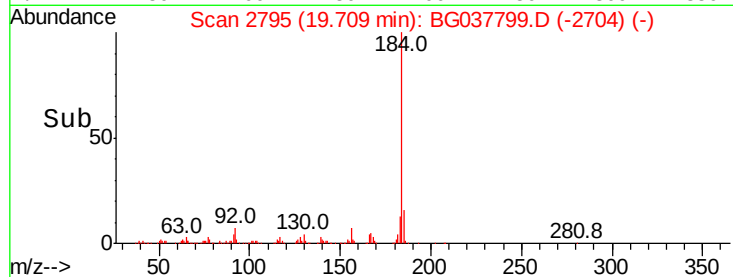
Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.6	18.8
183	12.7	10.2	15.2



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: 43.284 ng

RT: 19.89 min Scan# 2825

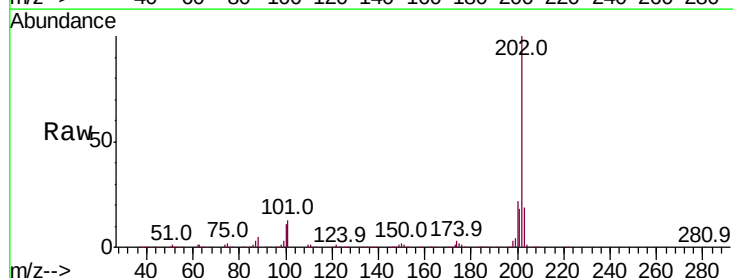
Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Tgt Ion:202 Resp: 856104

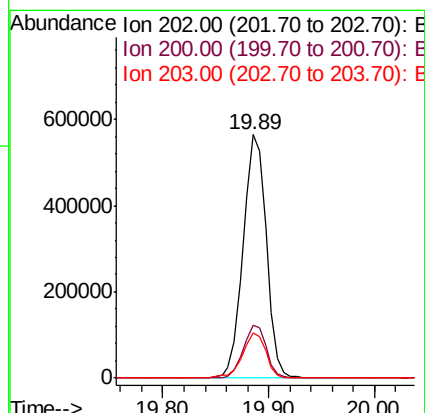
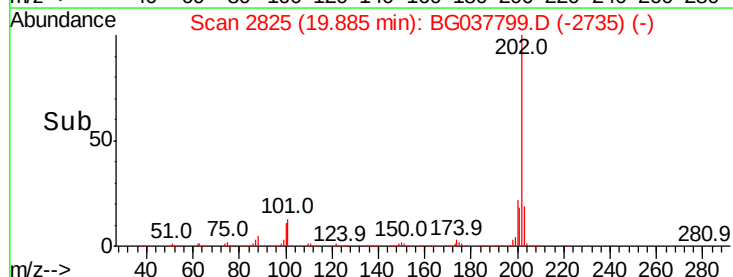
Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.8	26.6
203	18.5	15.2	22.8

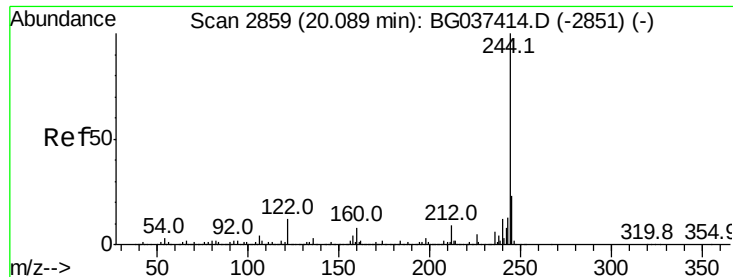


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.395 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

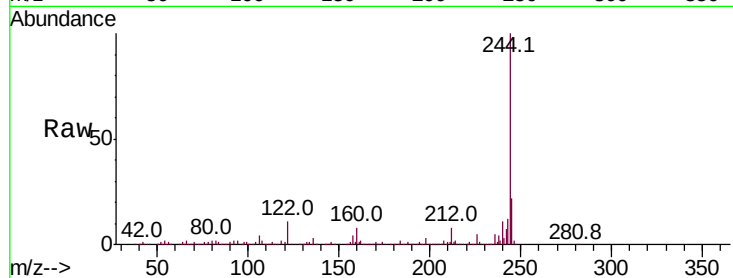
Tot Ion:244 Resp: 1110056

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

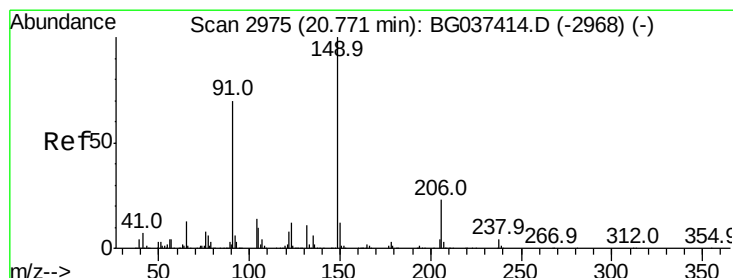
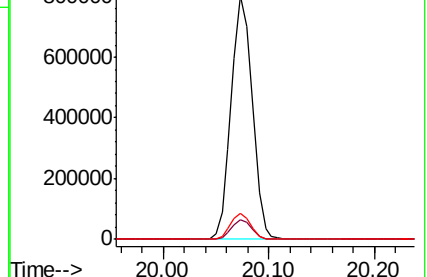
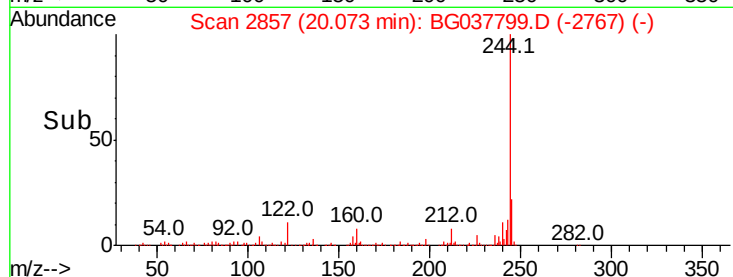
122 10.6 9.0 13.4



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: 44.140 ng

RT: 20.75 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

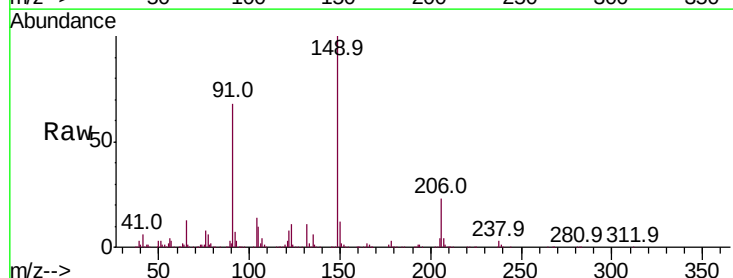
Tgt Ion:149 Resp: 357295

Ion Ratio Lower Upper

149 100

91 68.1 57.0 85.4

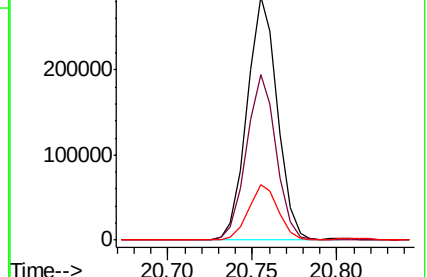
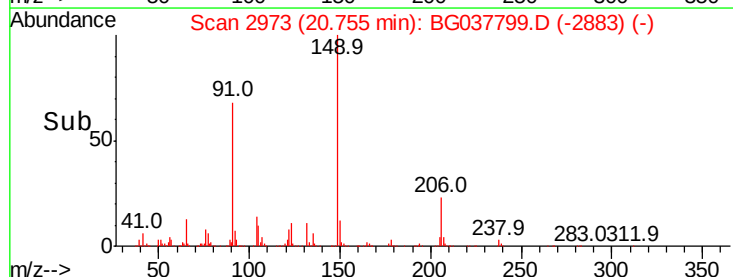
206 22.7 17.8 26.6

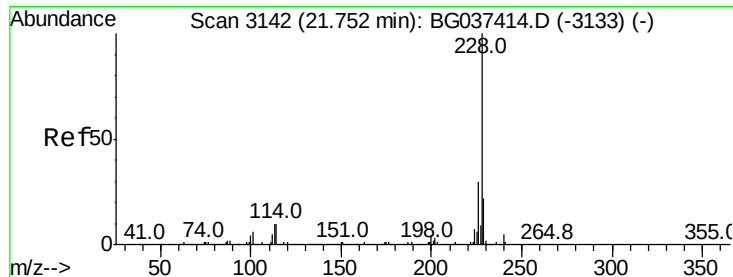


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

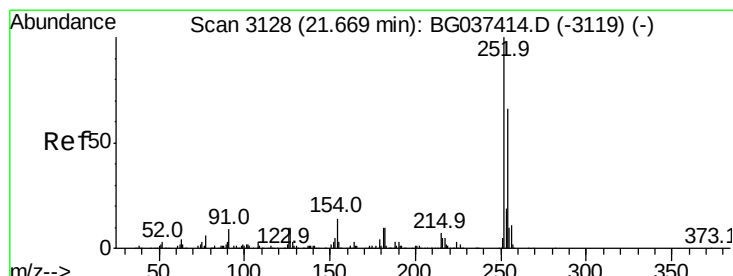
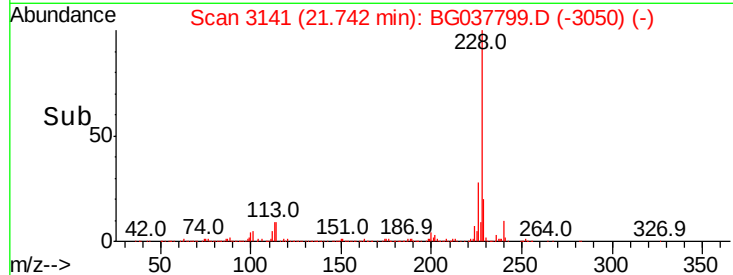
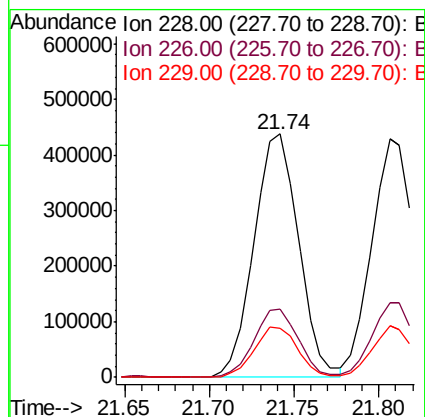
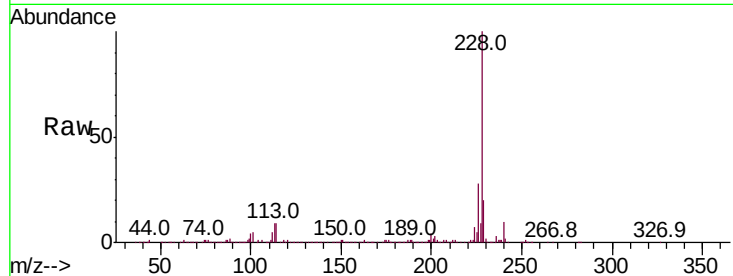




#81
Benzo(a)anthracene
Concen: 44.916 ng
RT: 21.74 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

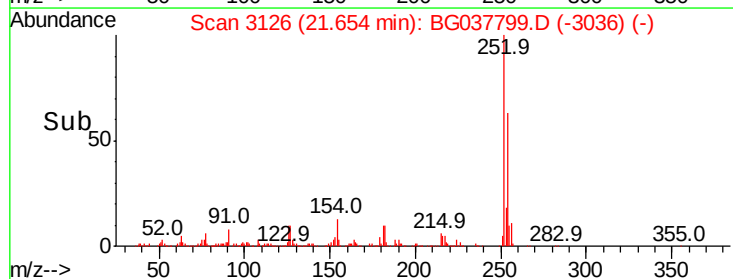
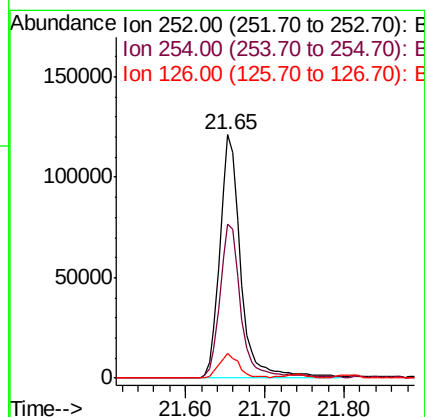
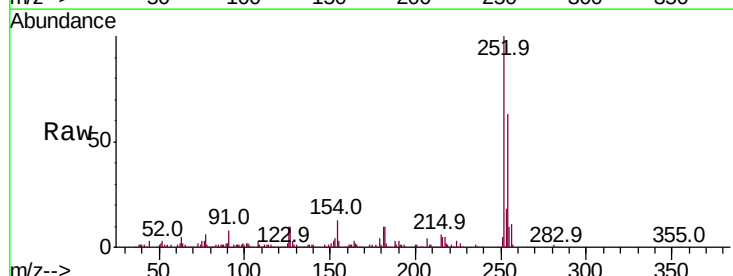
Instrument :
BNA_G
ClientSampleId :
PB114322BS

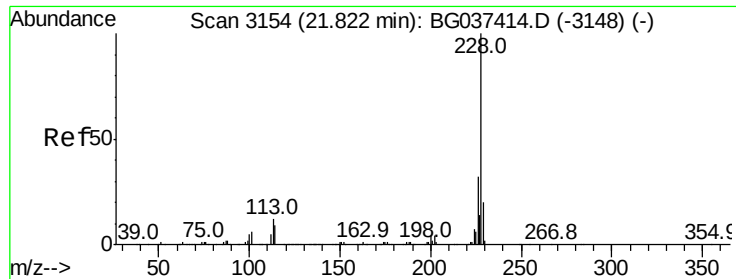
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	19.9	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 31.964 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	52.0	78.0
126	10.2	8.2	12.4





#83

Chrysene

Concen: 43.857 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

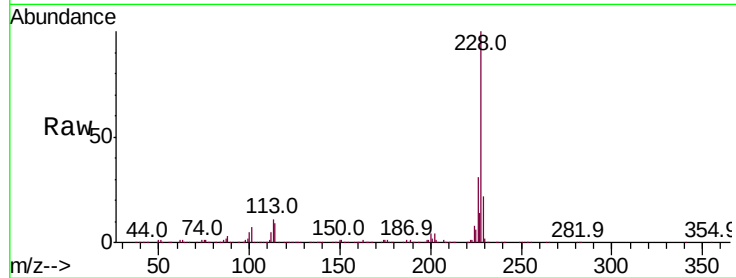
Tot Ion:228 Resp: 754712

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

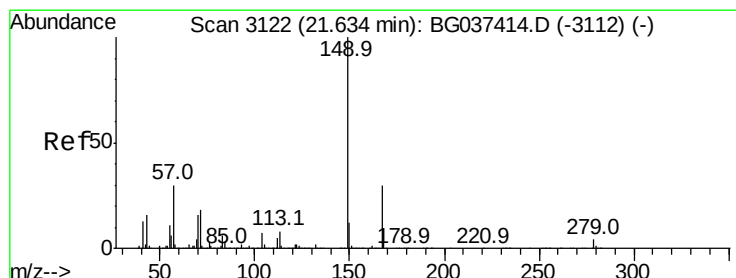
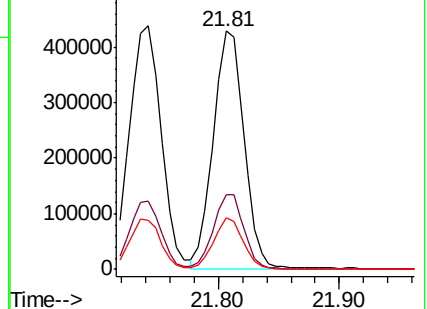
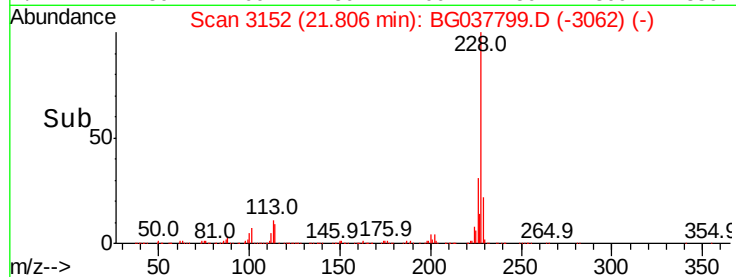
229 21.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.460 ng

RT: 21.61 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

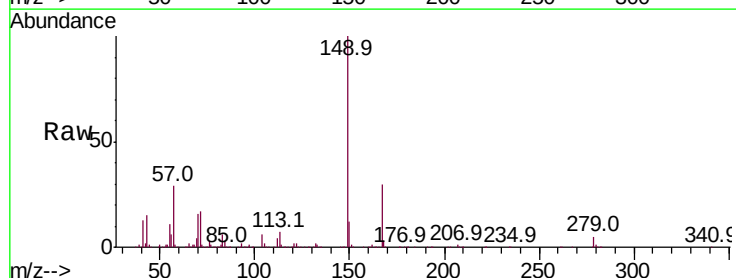
Tgt Ion:149 Resp: 504465

Ion Ratio Lower Upper

149 100

167 30.3 23.0 34.4

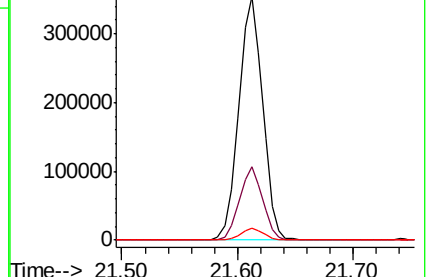
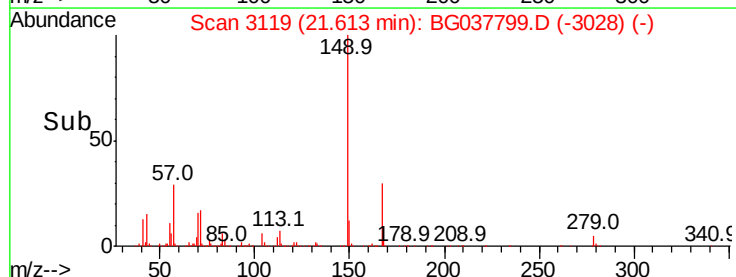
279 4.7 3.6 5.4

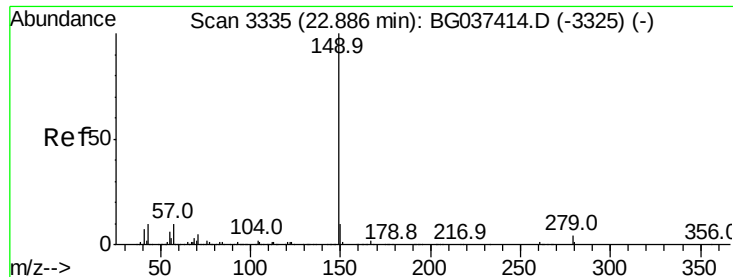


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 45.672 ng

RT: 22.85 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

BNA_G

ClientSampleId :

PB114322BS

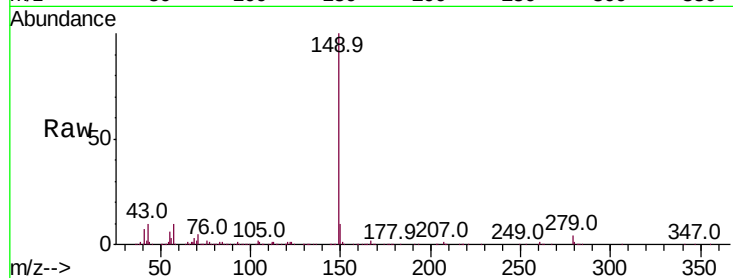
Tot Ion:149 Resp: 845024

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

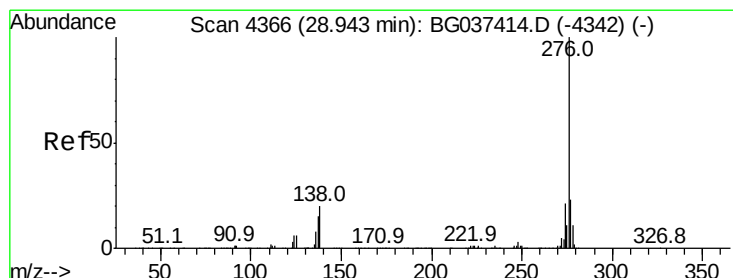
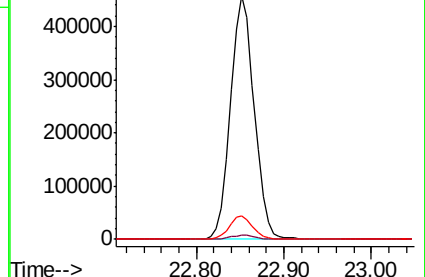
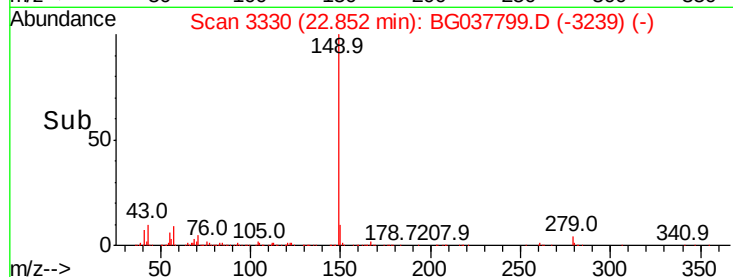
43 9.5 8.7 13.1



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: 38.401 ng

RT: 28.90 min Scan# 4359

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

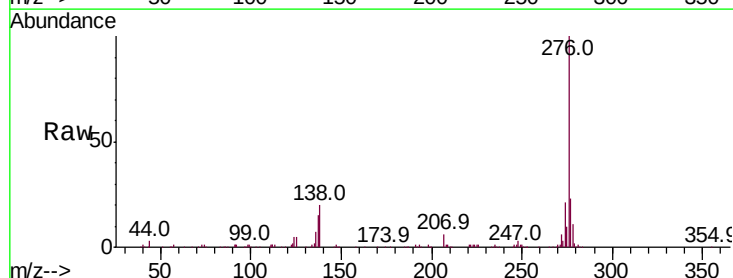
Tgt Ion:276 Resp: 708766

Ion Ratio Lower Upper

276 100

138 13.7 12.0 18.0

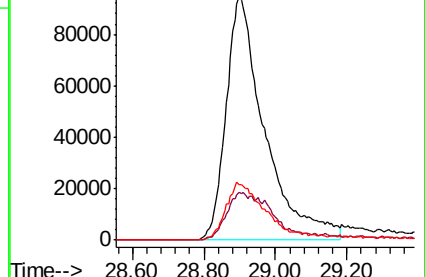
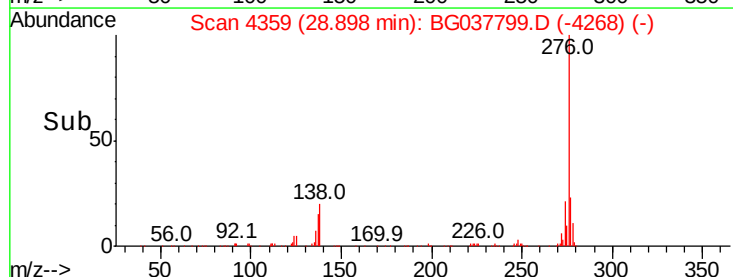
277 24.2 20.6 30.8

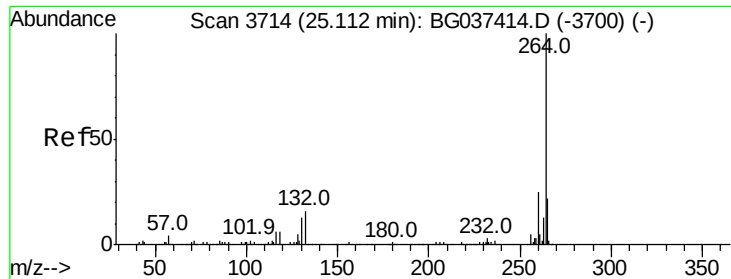


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. 0.00 min

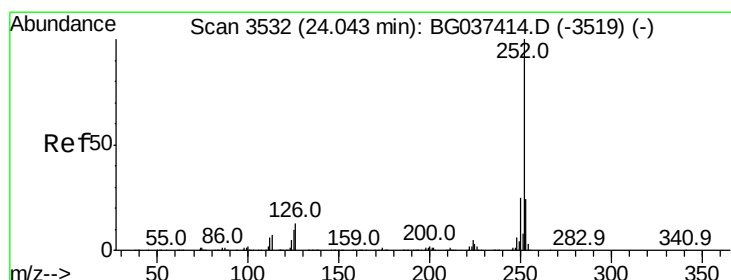
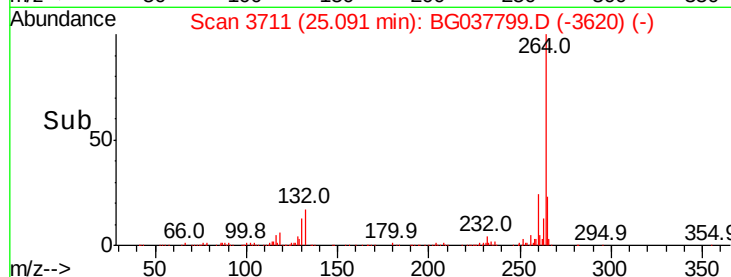
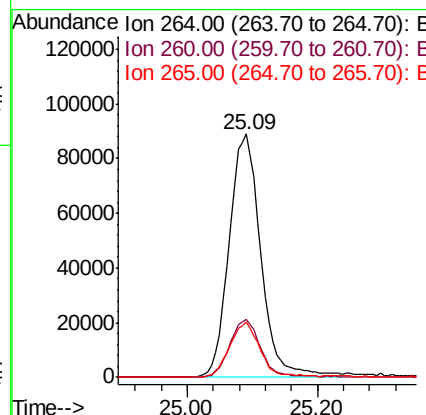
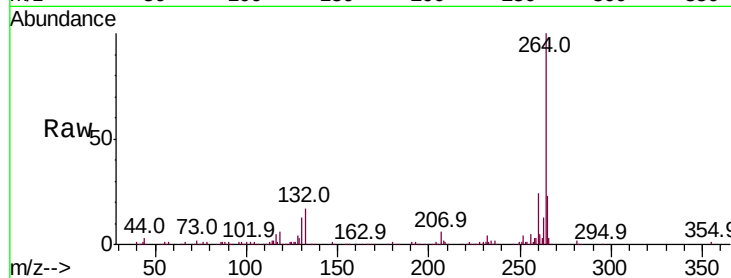
Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :
BNA_G
ClientSampleId :
PB114322BS

Tot Ion:264 Resp: 300864

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.8	17.9	26.9



#88

Benzo(b)fluoranthene

Concen: 46.233 ng

RT: 24.02 min Scan# 3529

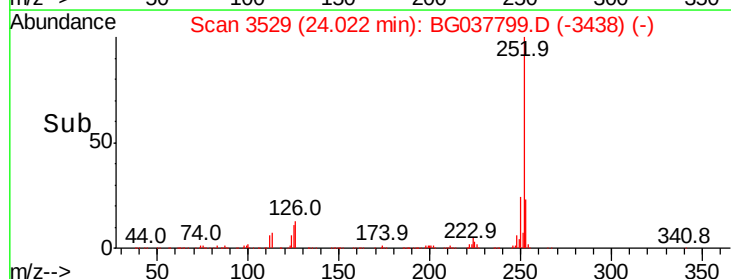
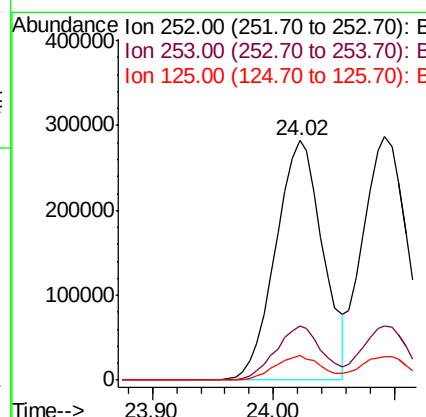
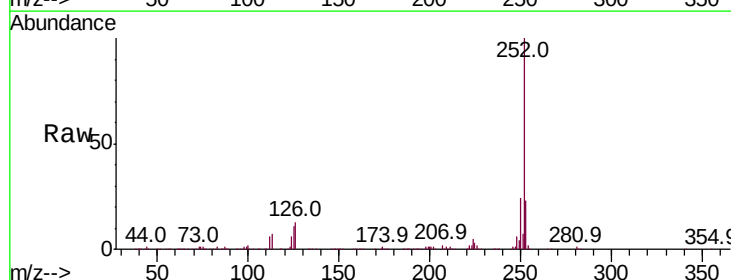
Delta R.T. 0.00 min

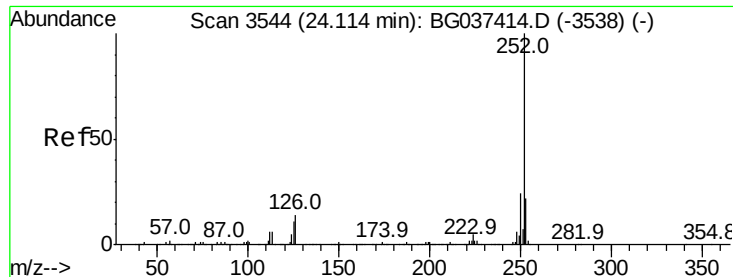
Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Tgt Ion:252 Resp: 762584

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	10.5	7.8	11.6

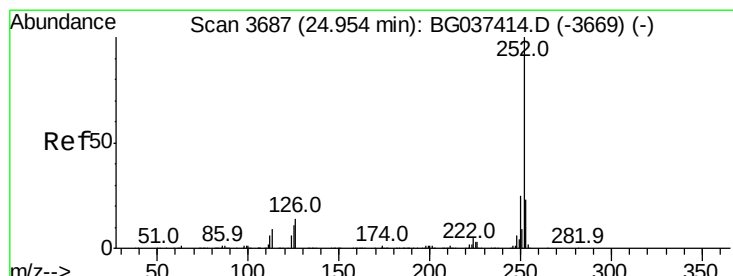
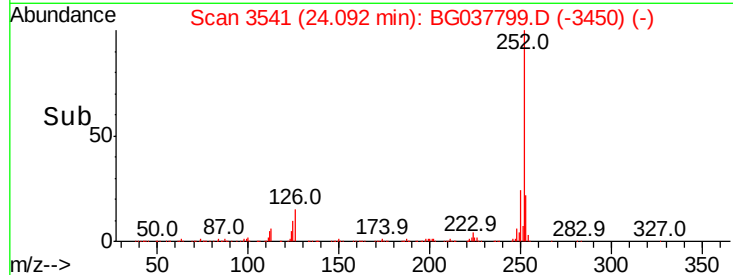
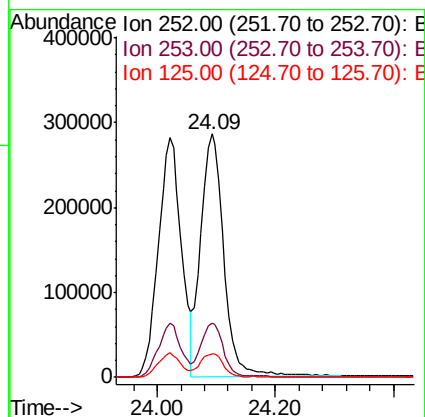
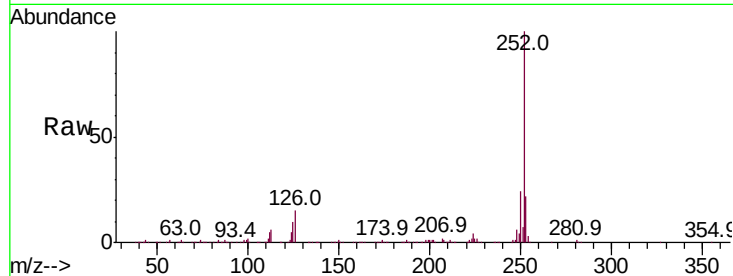




#89
Benzo(k)fluoranthene
Concen: 47.732 ng
RT: 24.09 min Scan# 3541
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

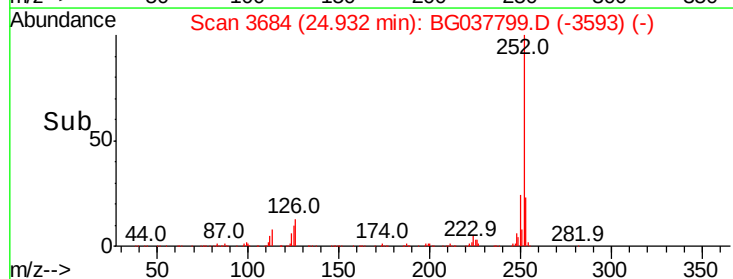
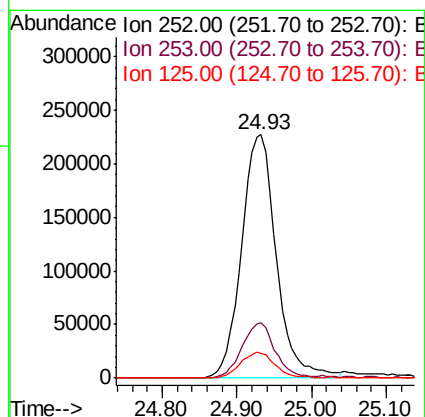
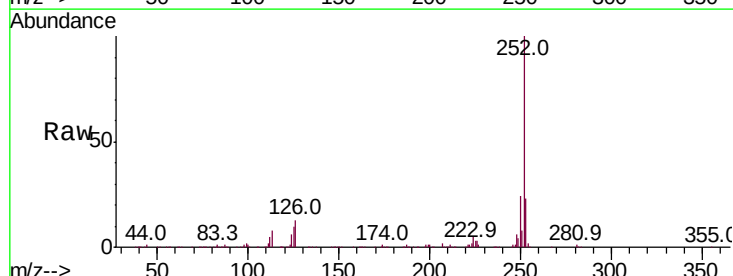
Instrument :
BNA_G
ClientSampleId :
PB114322BS

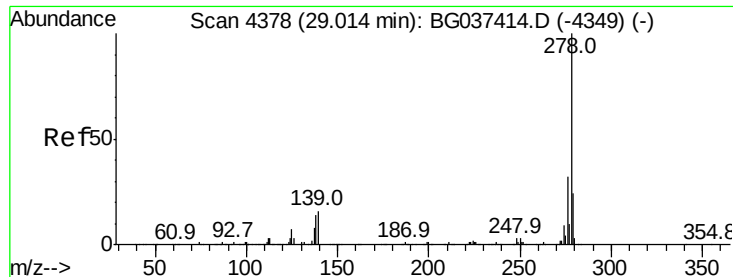
Tot Ion:252 Resp: 771350
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 9.8 7.4 11.0



#90
Benzo(a)pyrene
Concen: 46.569 ng
RT: 24.93 min Scan# 3684
Delta R.T. 0.00 min
Lab File: BG037799.D
Acq: 5 Nov 2018 12:35

Tgt Ion:252 Resp: 729895
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 10.1 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 38.544 ng

RT: 28.97 min Scan# 4371

Delta R.T. 0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Instrument :

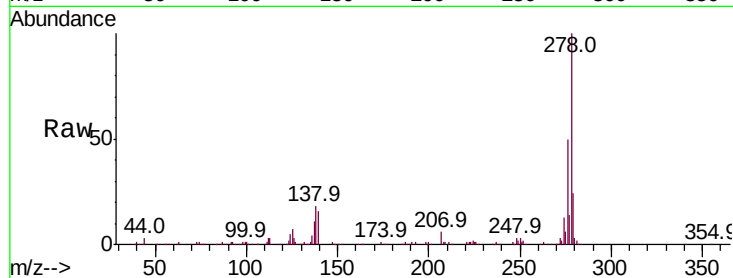
BNA_G

ClientSampleId :

PB114322BS

Tot Ion:278 Resp: 557263

Ion	Ratio	Lower	Upper
278	100		
139	16.2	11.5	17.3
279	23.9	18.6	27.8

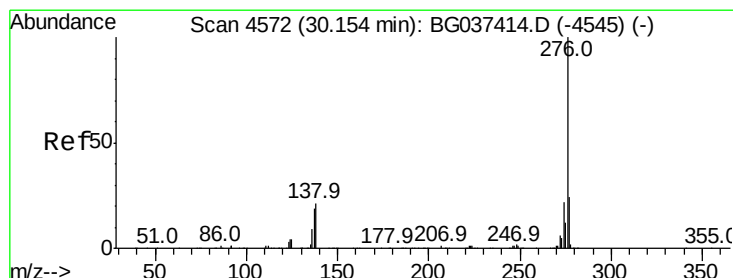
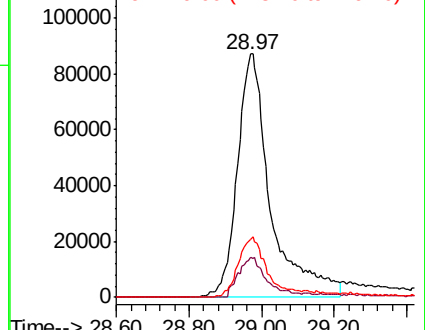
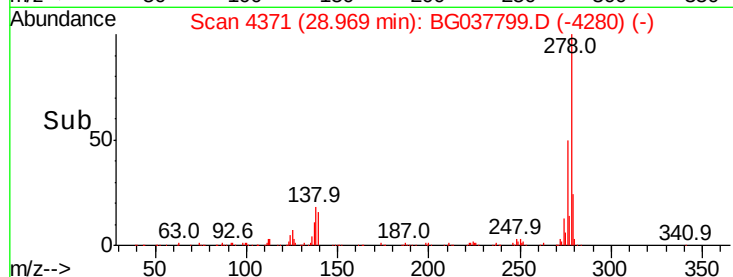


Abundance

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: 40.103 ng

RT: 30.10 min Scan# 4563

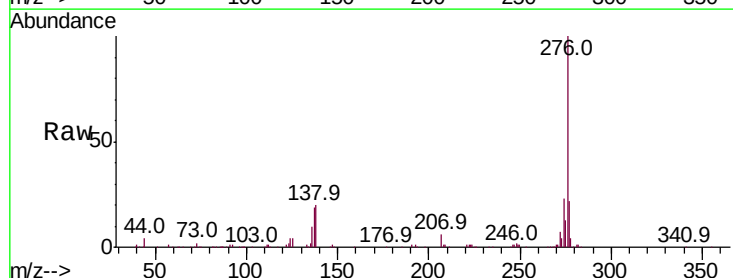
Delta R.T. -0.00 min

Lab File: BG037799.D

Acq: 5 Nov 2018 12:35

Tgt Ion:276 Resp: 586588

Ion	Ratio	Lower	Upper
276	100		
277	22.3	18.9	28.3
138	20.2	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

