

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
 Data File : BG037945.D
 Acq On : 12 Nov 2018 15:29
 Operator : JU/SJ
 Sample : J5895-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 12 17:16:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 18 14:06:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	54459	20.00	ng	-0.02
21) Naphthalene-d8	10.91	136	246710	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	162354	20.00	ng	-0.01
64) Phenanthrene-d10	17.47	188	360608	20.00	ng	-0.01
76) Chrysene-d12	21.76	240	320522	20.00	ng	-0.01
87) Perylene-d12	25.09	264	323899	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	498939	153.17	ng	-0.01
7) Phenol-d6	7.24	99	718354	145.84	ng	0.00
23) Nitrobenzene-d5	9.27	82	438291	99.52	ng	-0.01
42) 2,4,6-Tribromophenol	16.22	330	260572	147.15	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	992092	92.15	ng	-0.02
79) Terphenyl-d14	20.07	244	1349631	89.97	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	47489	28.748	ng	98
3) Pyridine	3.92	79	146559	35.200	ng	93
4) n-Nitrosodimethylamine	3.85	42	68265	46.032	ng	98
6) Aniline	7.42	93	203209	33.818	ng	97
8) 2-Chlorophenol	7.65	128	179535	47.114	ng	97
9) Benzaldehyde	7.23	77	113195	36.738	ng	98
10) Phenol	7.27	94	285151	54.868	ng	100
11) bis(2-Chloroethyl)ether	7.51	93	168444	42.675	ng	96
12) 1,3-Dichlorobenzene	7.98	146	176299	41.557	ng	97
13) 1,4-Dichlorobenzene	8.13	146	183880	42.374	ng	99
14) 1,2-Dichlorobenzene	8.45	146	173321	41.521	ng	98
15) Benzyl Alcohol	8.33	79	162382	44.616	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	311480	44.103	ng	97
17) 2-Methylphenol	8.52	107	165511	48.172	ng	99
18) Hexachloroethane	9.18	117	65512	44.282	ng	95
19) n-Nitroso-di-n-propylamine	8.89	70	142155	41.911	ng	94
20) 3+4-Methylphenols	8.85	107	233457	47.525	ng	98
22) Acetophenone	8.92	105	272790	44.088	ng	# 98
24) Nitrobenzene	9.31	77	211642	46.259	ng	93
25) Isophorone	9.83	82	405829	50.433	ng	97
26) 2-Nitrophenol	10.02	139	106841	51.838	ng	99
27) 2,4-Dimethylphenol	10.06	122	189899	51.603	ng	99
28) bis(2-Chloroethoxy)methane	10.31	93	246977	46.845	ng	96
29) 2,4-Dichlorophenol	10.55	162	206592	50.421	ng	97
30) 1,2,4-Trichlorobenzene	10.77	180	201753	45.279	ng	99
31) Naphthalene	10.96	128	594531	49.063	ng	100
32) Benzoic acid	10.17	122	44051	18.430	ng	98
33) 4-Chloroaniline	11.07	127	144310	25.346	ng	97
34) Hexachlorobutadiene	11.23	225	116297	44.038	ng	98
35) Caprolactam	11.86	113	72420	44.070	ng	95
36) 4-Chloro-3-methylphenol	12.18	107	221505	47.936	ng	96
37) 2-Methylnaphthalene	12.56	142	448399	50.762	ng	100
38) 1-Methylnaphthalene	12.78	142	429993	50.125	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	233653	44.618	ng	98

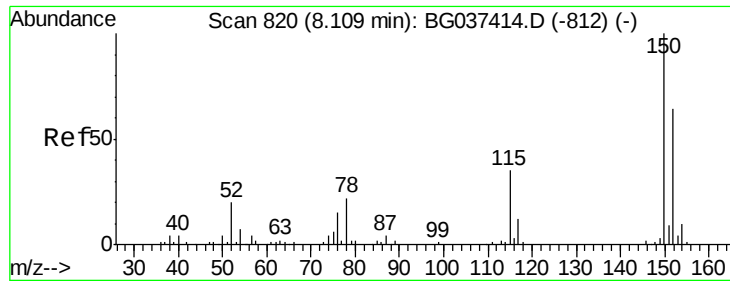
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111218\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	266161	106.401	ng	98
43) 2,4,6-Trichlorophenol	13.16	196	172177	49.213	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	188182	49.402	ng	98
46) 1,1'-Biphenyl	13.56	154	571645	42.515	ng	97
47) 2-Chloronaphthalene	13.61	162	461367	45.355	ng	99
48) 2-Nitroaniline	13.82	65	150583	48.815	ng	95
49) Acenaphthylene	14.45	152	755685	49.385	ng	99
50) Dimethylphthalate	14.18	163	685781	54.600	ng	99
51) 2,6-Dinitrotoluene	14.30	165	136514	49.132	ng	94
52) Acenaphthene	14.79	154	442374	46.942	ng	97
53) 3-Nitroaniline	14.64	138	113442	36.778	ng	# 97
54) 2,4-Dinitrophenol	14.84	184	71171	65.599	ng	92
55) Dibenzofuran	15.12	168	710766	45.522	ng	99
56) 4-Nitrophenol	14.93	139	197507	86.505	ng	97
57) 2,4-Dinitrotoluene	15.09	165	186458	51.123	ng	95
58) Fluorene	15.77	166	569142	48.676	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	160189	49.116	ng	99
60) Diethylphthalate	15.53	149	598623	46.424	ng	98
61) 4-Chlorophenyl-phenylether	15.76	204	295381	43.342	ng	99
62) 4-Nitroaniline	15.80	138	143033	46.666	ng	90
63) Azobenzene	16.05	77	546392	44.411	ng	100
65) 4,6-Dinitro-2-methylphenol	15.85	198	87295	46.463	ng	97
66) n-Nitrosodiphenylamine	15.98	169	513155	47.308	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	184716	46.645	ng	98
68) Hexachlorobenzene	16.77	284	186288	45.389	ng	99
69) Atrazine	16.92	200	189597	48.344	ng	98
70) Pentachlorophenol	17.11	266	212990	77.475	ng	94
71) Phenanthrene	17.52	178	895070	48.838	ng	99
72) Anthracene	17.61	178	902957	50.204	ng	99
73) Carbazole	17.88	167	829630	46.114	ng	99
74) Di-n-butylphthalate	18.41	149	963729	48.154	ng	100
75) Fluoranthene	19.52	202	1027914	49.451	ng	100
77) Benzidine	19.70	184	384554	35.285	ng	99
78) Pyrene	19.89	202	1025889	48.961	ng	99
80) Butylbenzylphthalate	20.75	149	438348	51.118	ng	100
81) Benzo(a)anthracene	21.74	228	948257	50.017	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	247323	33.656	ng	99
83) Chrysene	21.81	228	883150	48.445	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	625817	52.065	ng	99
85) Di-n-octyl phthalate	22.85	149	1060455	54.103	ng	98
86) Indeno(1,2,3-cd)pyrene	28.89	276	866568	44.319	ng	99
88) Benzo(b)fluoranthene	24.02	252	902613	50.830	ng	99
89) Benzo(k)fluoranthene	24.09	252	902852	51.896	ng	98
90) Benzo(a)pyrene	24.92	252	879573	52.127	ng	98
91) Dibenzo(a,h)anthracene	28.96	278	677976	43.559	ng	98
92) Benzo(g,h,i)perylene	30.10	276	728435	46.259	ng	98

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

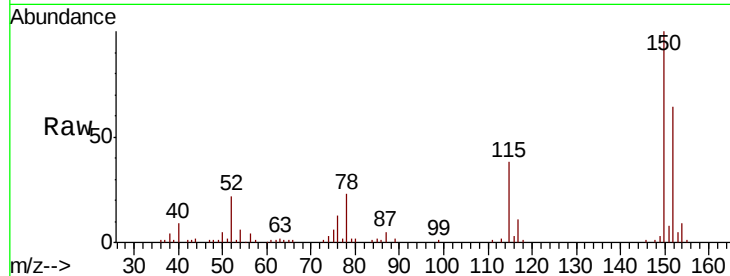


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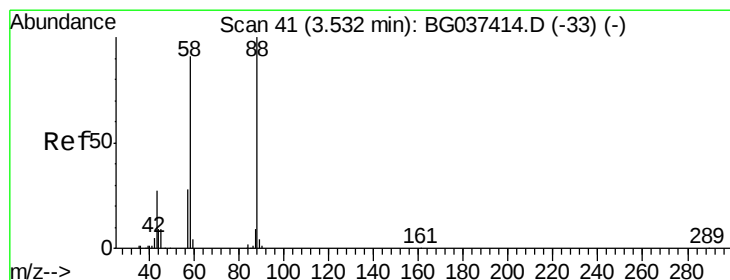
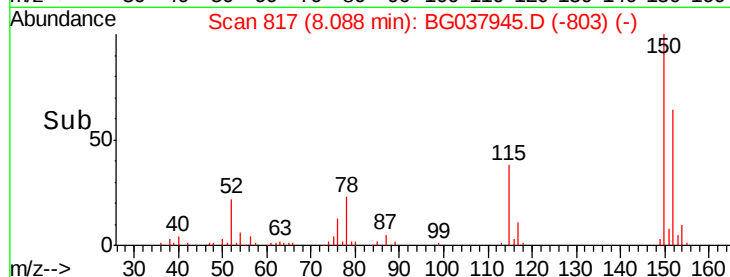
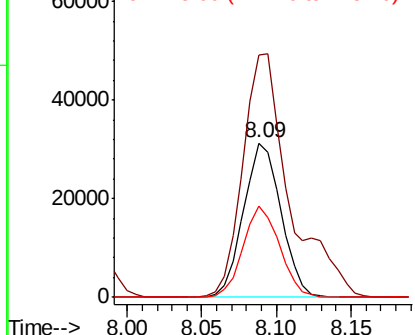
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54459
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 58.9 45.5 68.3



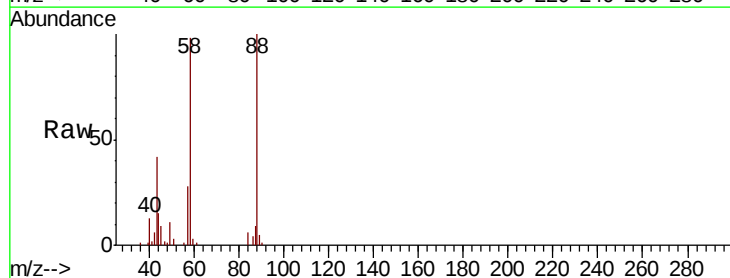
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



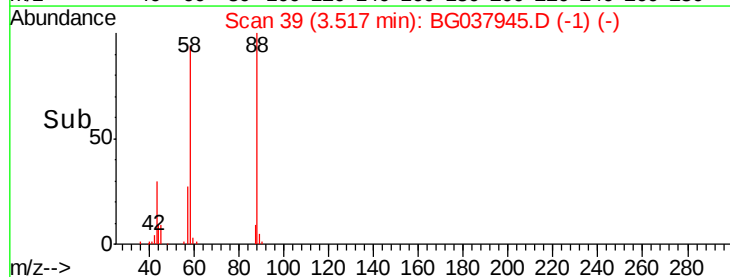
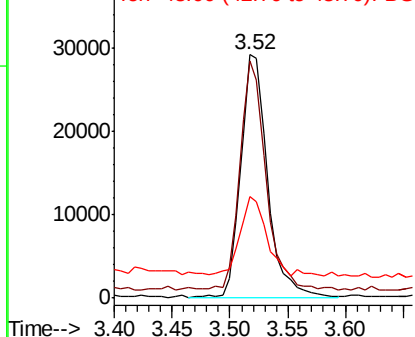
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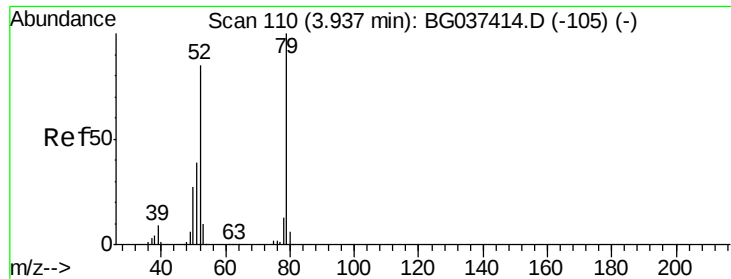
1,4-Dioxane
Concen: 28.748 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion: 88 Resp: 47489
Ion Ratio Lower Upper
88 100
58 90.7 74.4 111.6
43 31.9 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: 35.200 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

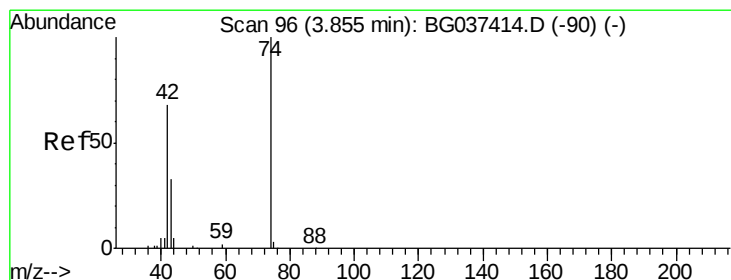
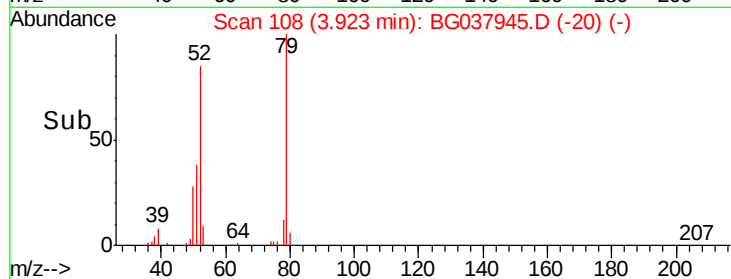
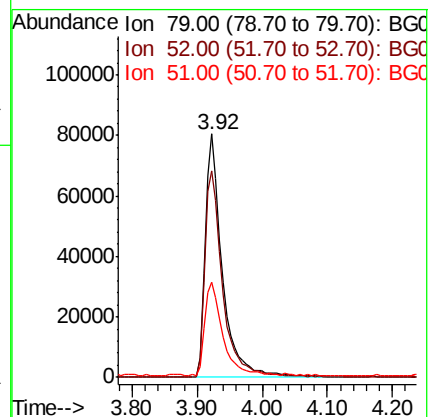
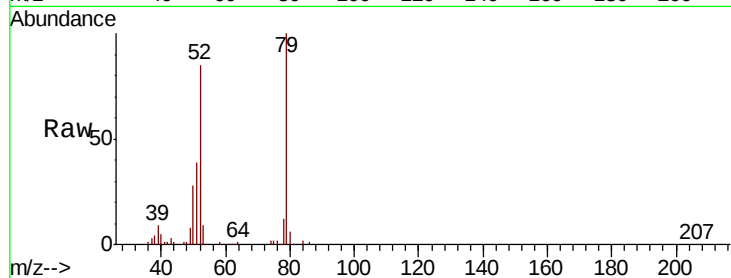
Tot Ion: 79 Resp: 146559

Ion Ratio Lower Upper

79 100

52 84.9 74.2 111.2

51 39.3 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 46.032 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

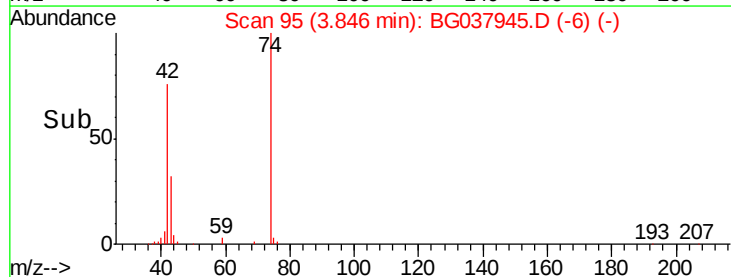
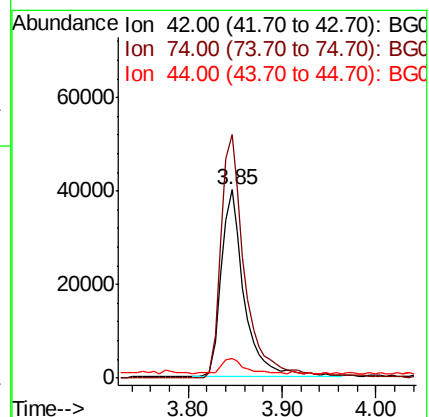
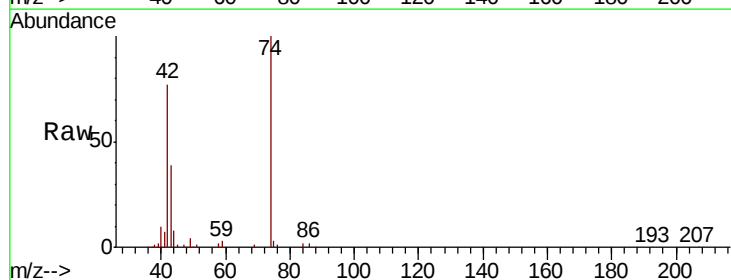
Tgt Ion: 42 Resp: 68265

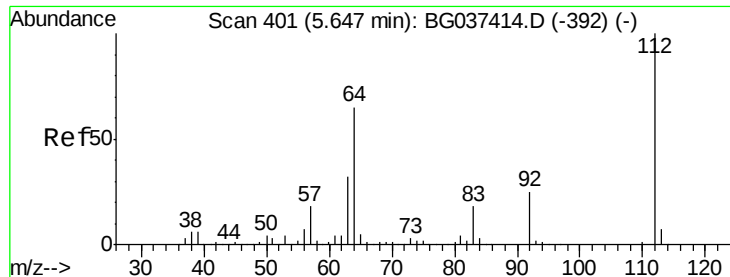
Ion Ratio Lower Upper

42 100

74 129.3 102.0 153.0

44 10.2 9.6 14.4





#5

2-Fluorophenol

Concen: 153.171 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampled :

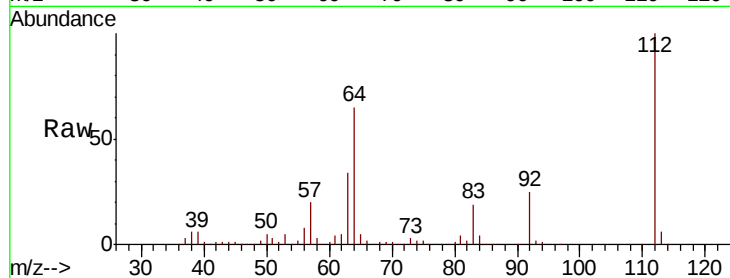
Tot Ion:112 Resp: 498939

Ion Ratio Lower Upper

112 100

64 65.4 53.1 79.7

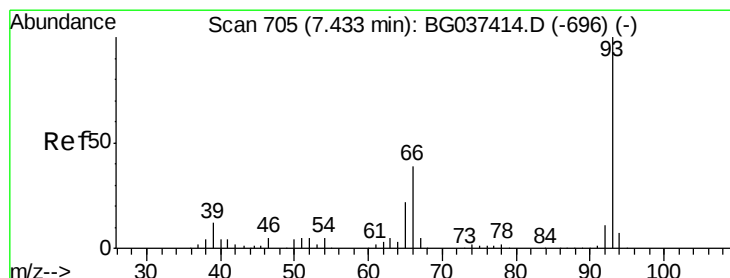
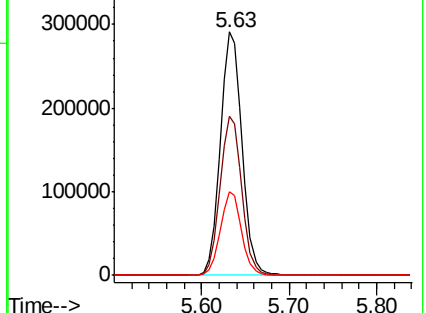
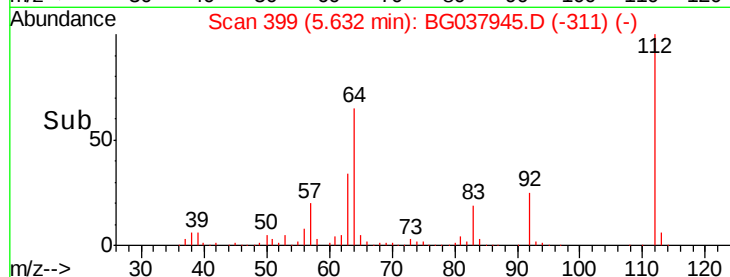
63 34.2 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.818 ng

RT: 7.42 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

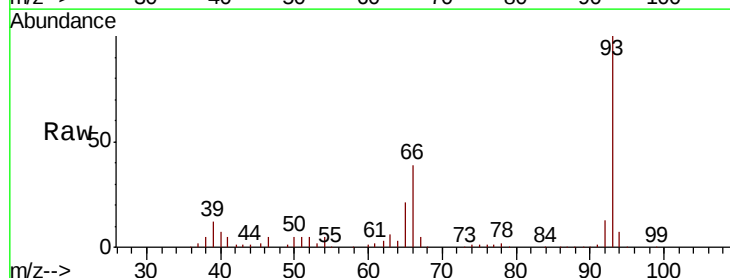
Tgt Ion: 93 Resp: 203209

Ion Ratio Lower Upper

93 100

66 39.1 32.8 49.2

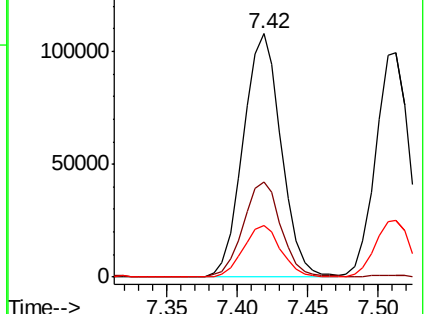
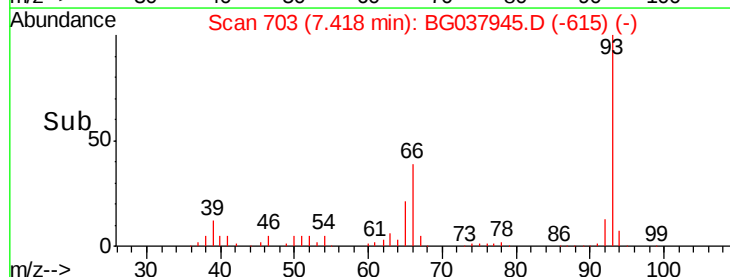
65 21.3 16.4 24.6

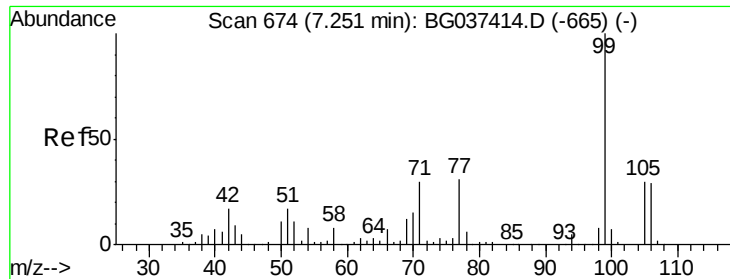


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 145.841 ng

RT: 7.24 min Scan# 673

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

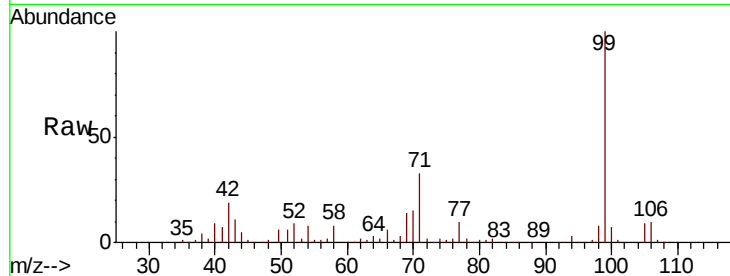
Tot Ion: 99 Resp: 718354

Ion Ratio Lower Upper

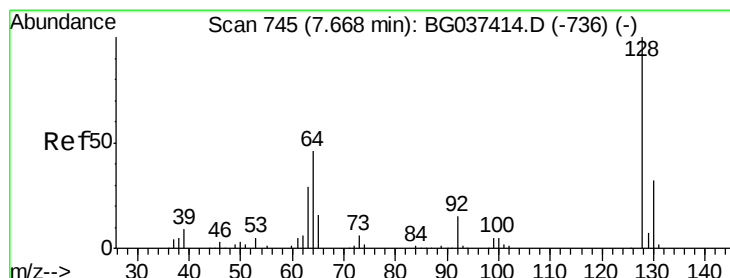
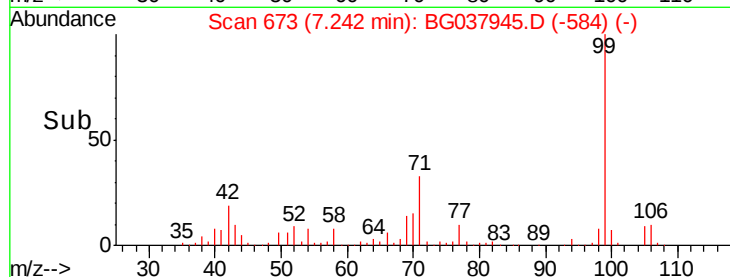
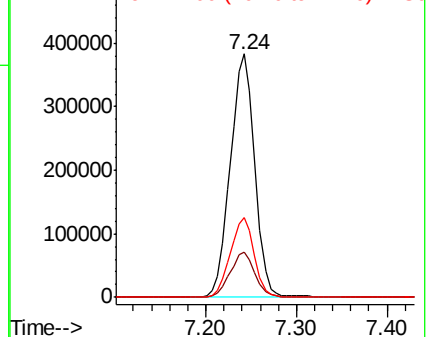
99 100

42 18.8 15.0 22.4

71 32.6 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: 47.114 ng

RT: 7.65 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

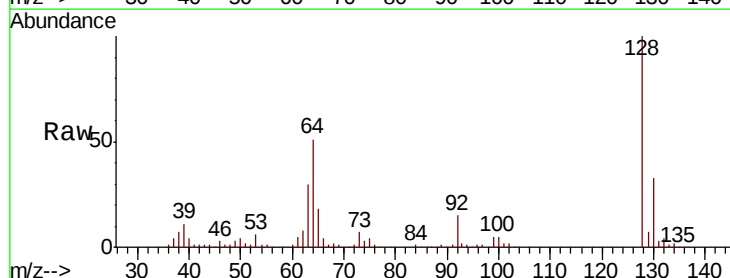
Tgt Ion: 128 Resp: 179535

Ion Ratio Lower Upper

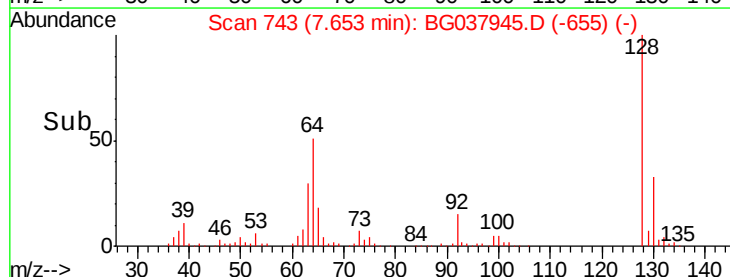
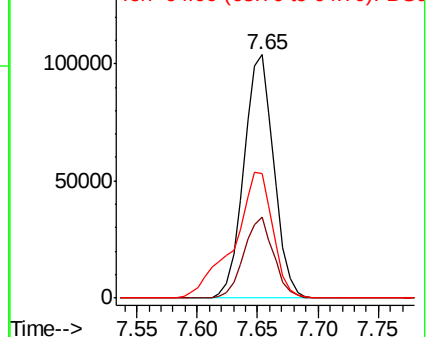
128 100

130 33.5 12.0 52.0

64 50.9 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: 36.738 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampled :

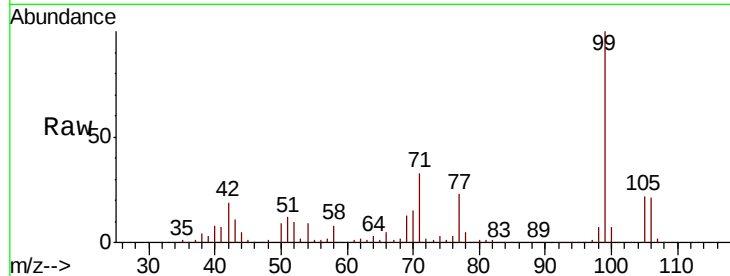
Tot Ion: 77 Resp: 113195

Ion Ratio Lower Upper

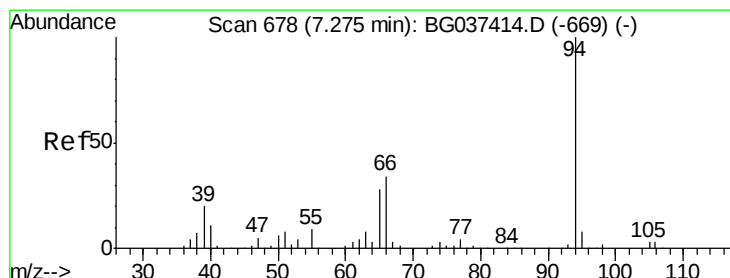
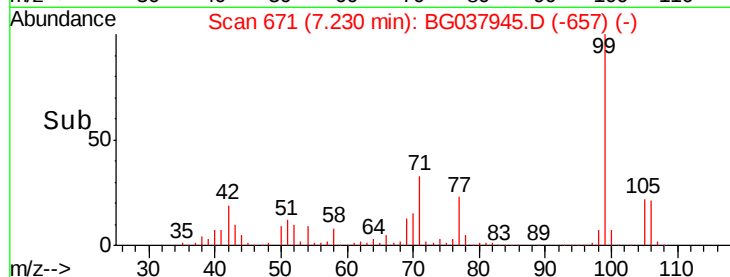
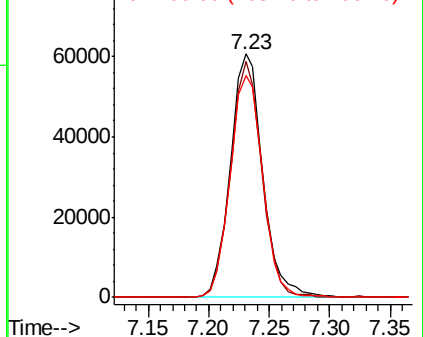
77 100

105 96.9 72.6 112.6

106 91.0 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: 54.868 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

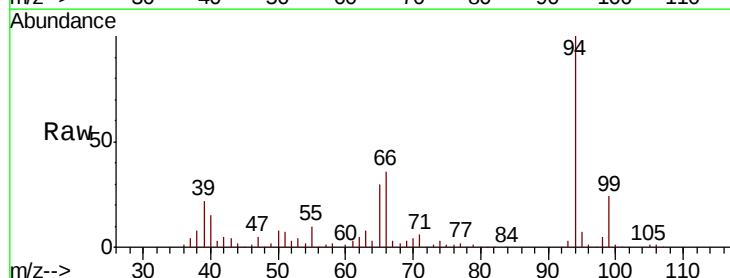
Tgt Ion: 94 Resp: 285151

Ion Ratio Lower Upper

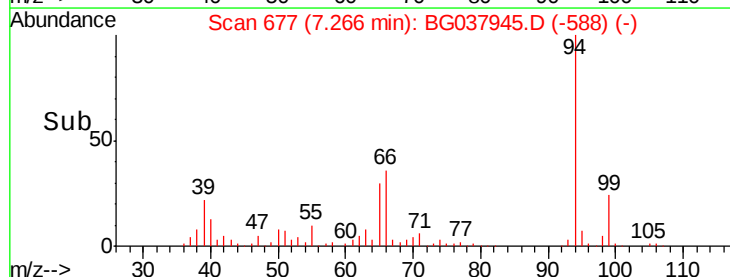
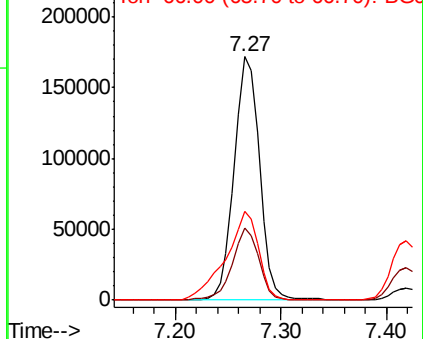
94 100

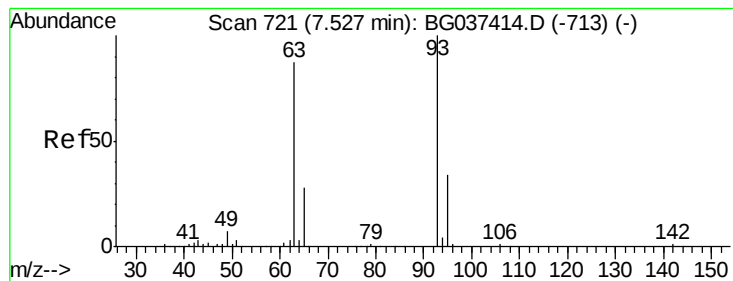
65 29.8 9.7 49.7

66 36.2 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: 42.675 ng

RT: 7.51 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

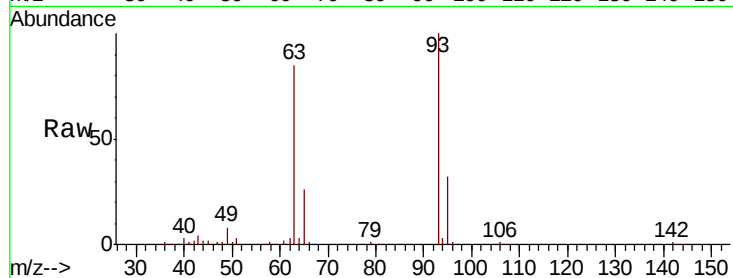
Tot Ion: 93 Resp: 168444

Ion Ratio Lower Upper

93 100

63 84.7 69.5 109.5

95 32.4 12.6 52.6

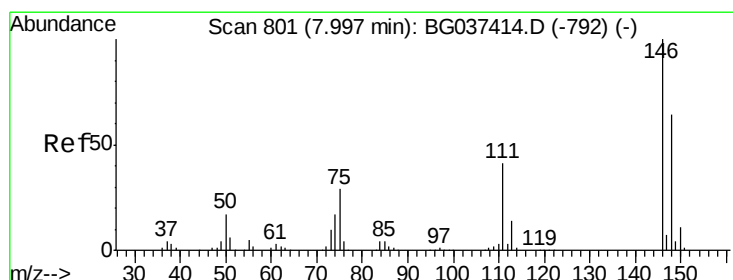
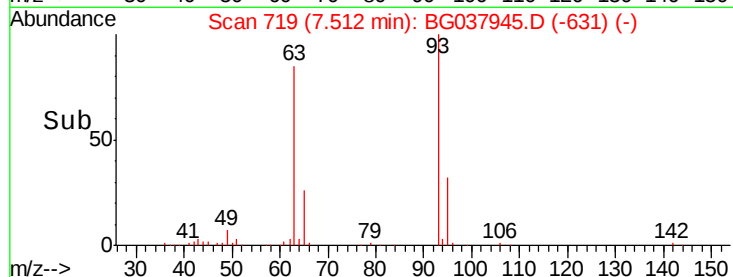
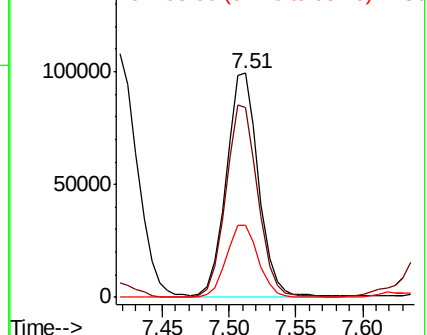


Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 63.00 (62.70 to 63.70): BGC

Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.557 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

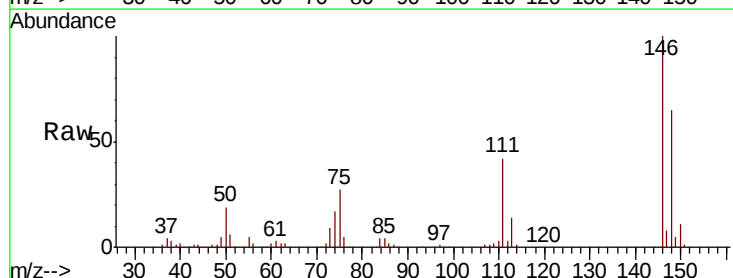
Tgt Ion: 146 Resp: 176299

Ion Ratio Lower Upper

146 100

148 64.7 49.8 74.8

75 27.2 23.2 34.8

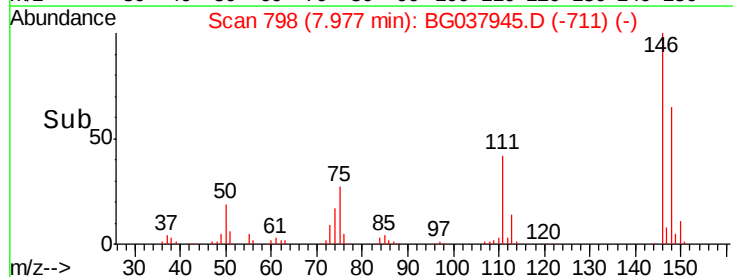
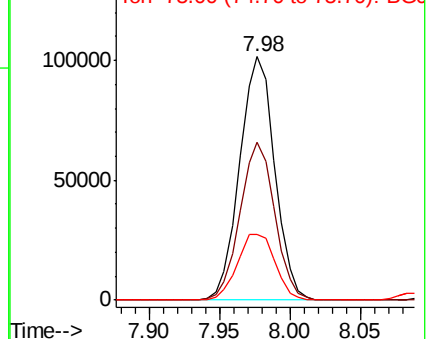


Abundance

Ion 146.00 (145.70 to 146.70): BGC

Ion 148.00 (147.70 to 148.70): BGC

Ion 75.00 (74.70 to 75.70): BGC

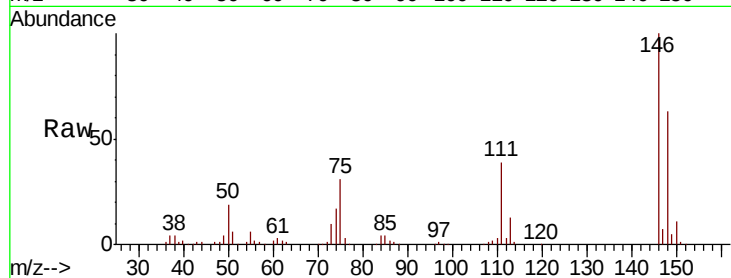




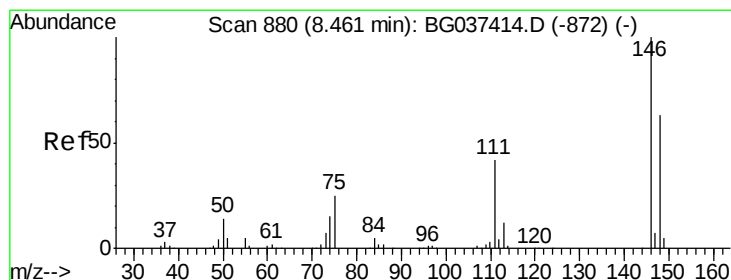
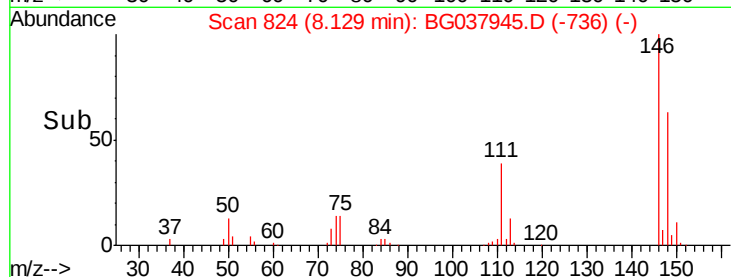
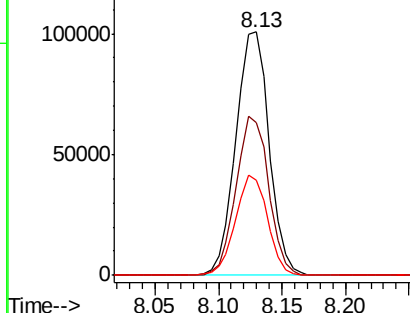
#13
 1,4-Dichlorobenzene
 Concen: 42.374 ng
 RT: 8.13 min Scan# 824
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	51.0	76.6
111	39.2	32.4	48.6

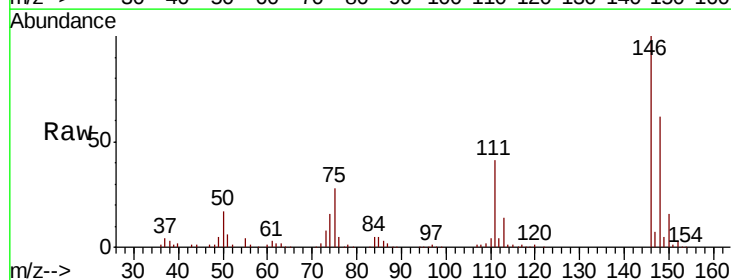


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

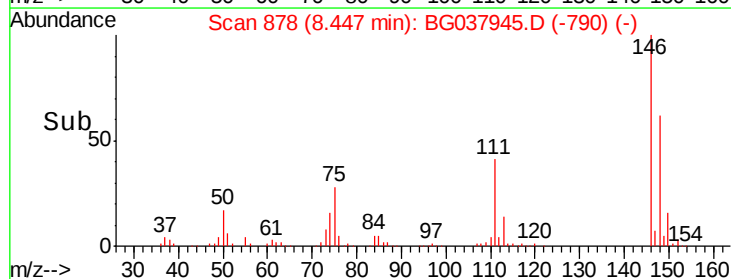
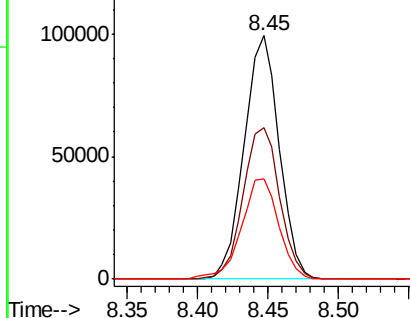


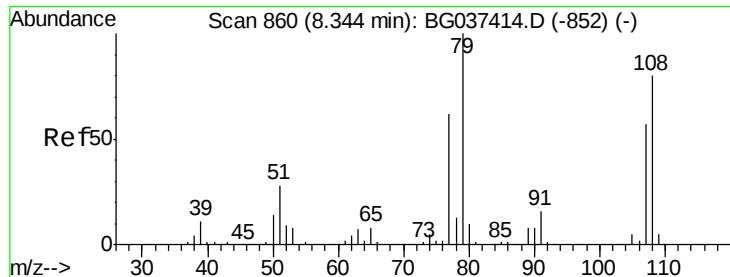
#14
 1,2-Dichlorobenzene
 Concen: 41.521 ng
 RT: 8.45 min Scan# 878
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	50.4	75.6
111	41.3	34.6	51.8



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





#15

Benzyl Alcohol

Concen: 44.616 ng

RT: 8.33 min Scan# 858

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

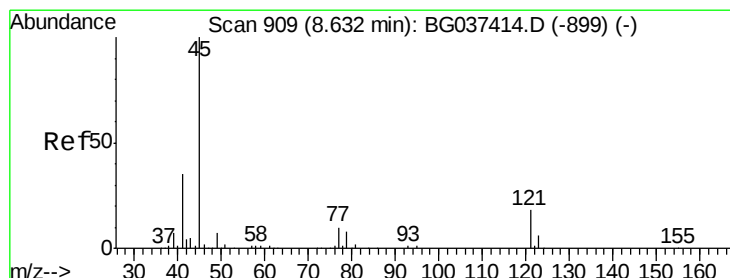
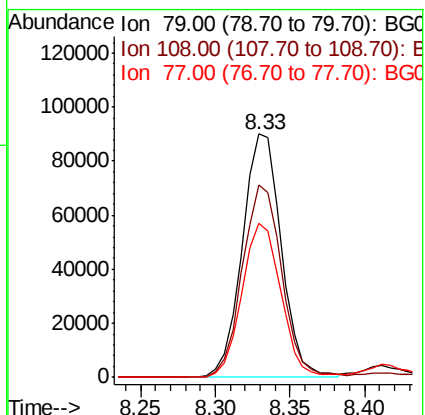
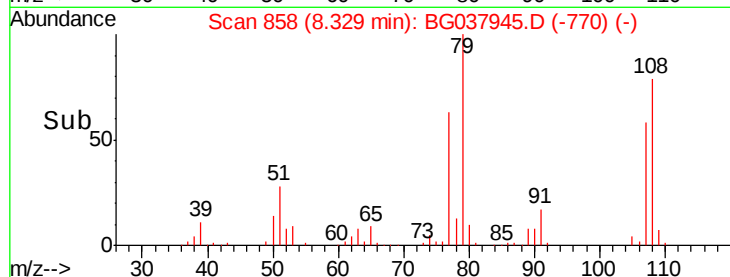
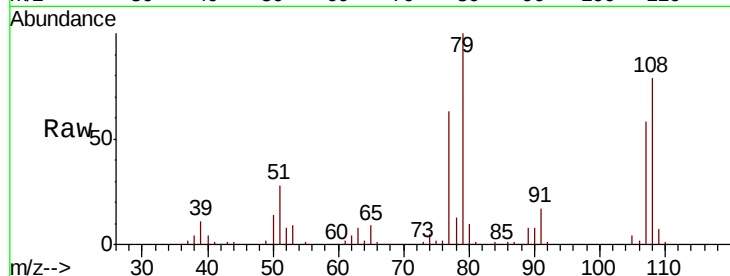
Tot Ion: 79 Resp: 162382

Ion Ratio Lower Upper

79 100

108 79.0 65.8 98.8

77 63.4 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.103 ng

RT: 8.61 min Scan# 906

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

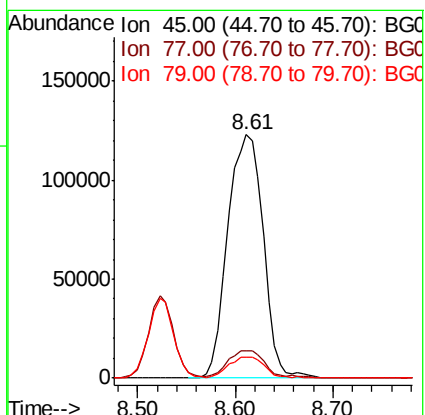
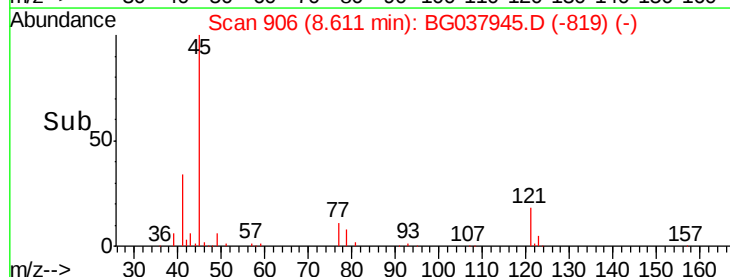
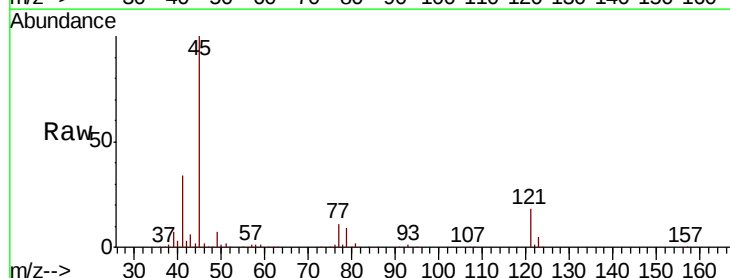
Tgt Ion: 45 Resp: 311480

Ion Ratio Lower Upper

45 100

77 11.5 0.0 30.0

79 8.6 0.0 29.0

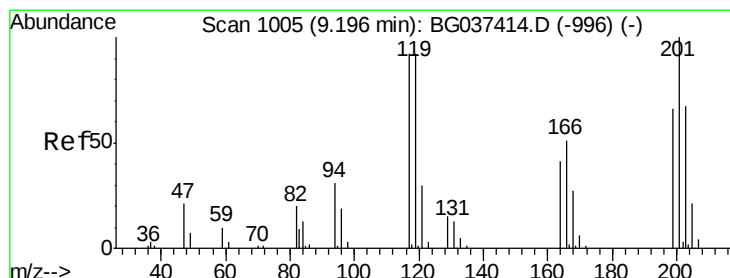
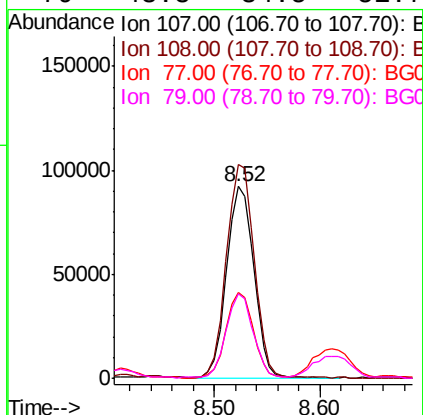
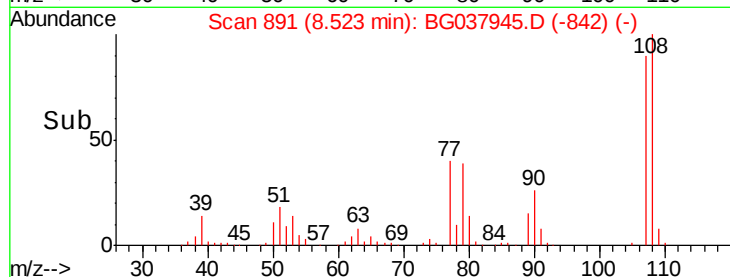
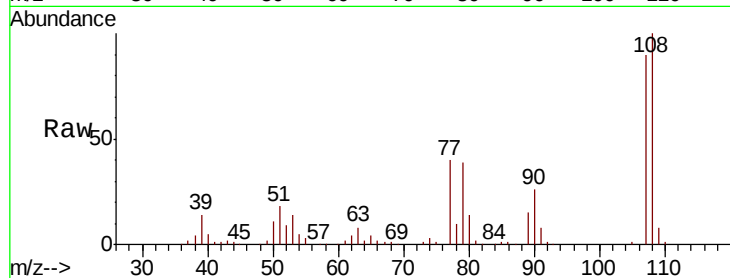




#17
2-Methylphenol
Concen: 48.172 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

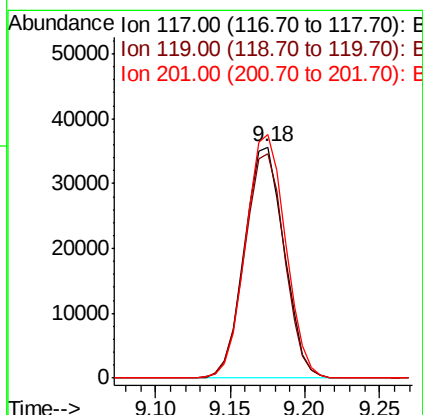
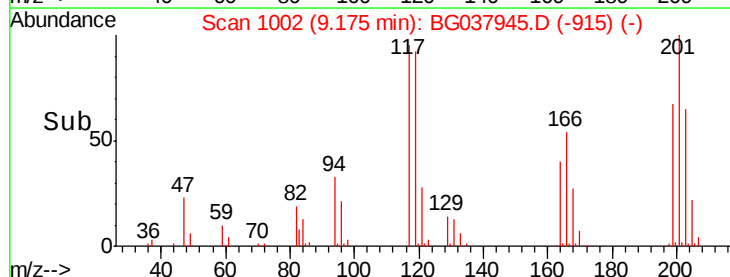
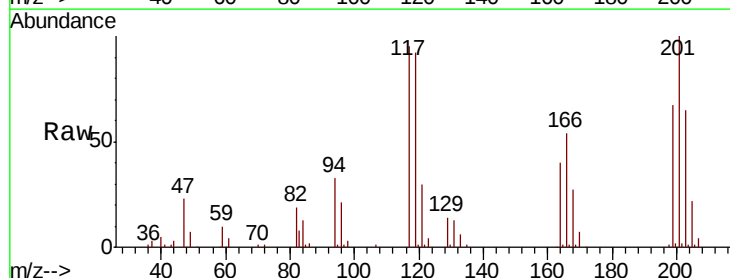
Instrument :
BNA_G
ClientSampleId :

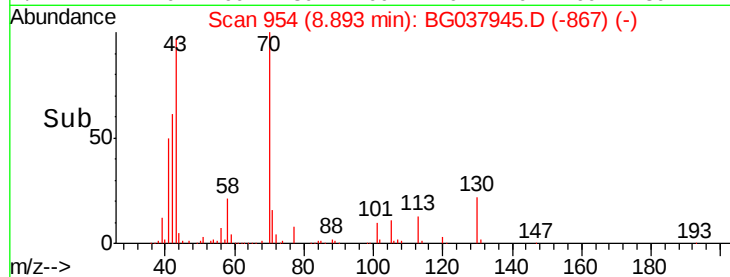
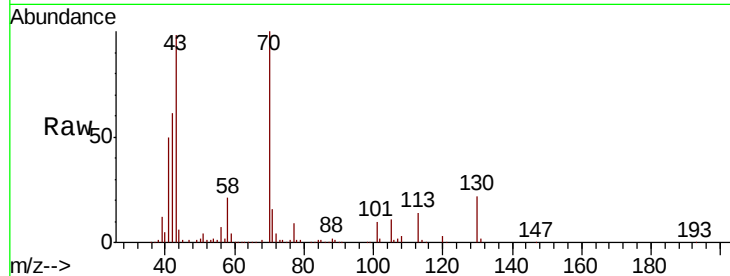
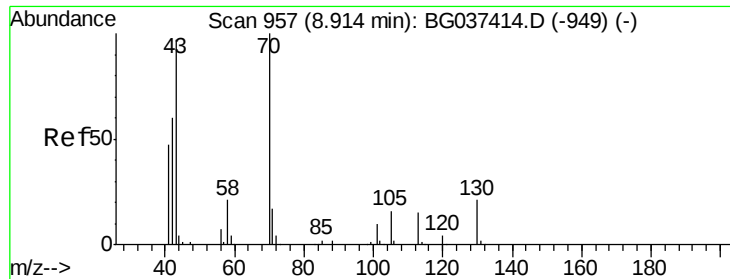
Tot Ion:	107	Resp:	165511
Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.9	131.9
77	45.0	35.1	52.7
79	43.8	34.5	51.7



#18
Hexachloroethane
Concen: 44.282 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:	117	Resp:	65512
Ion	Ratio	Lower	Upper
117	100		
119	97.0	74.6	111.8
201	107.7	80.8	121.2

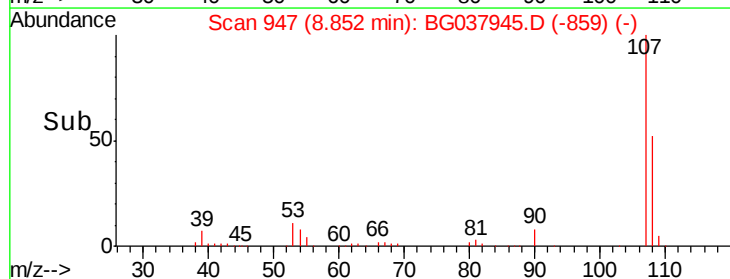
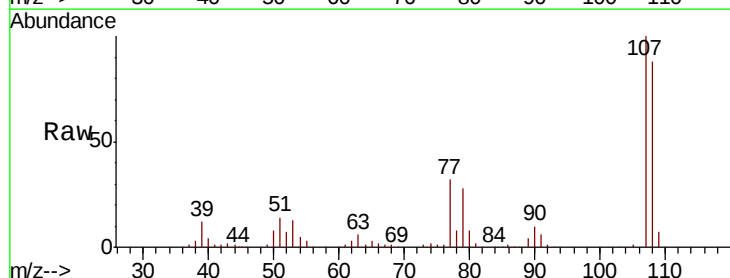
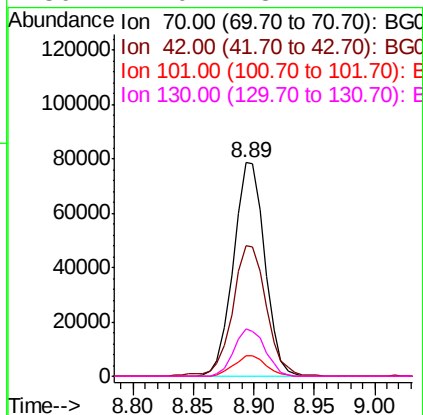




#19
n-Nitroso-di-n-propylamine
Concen: 41.911 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

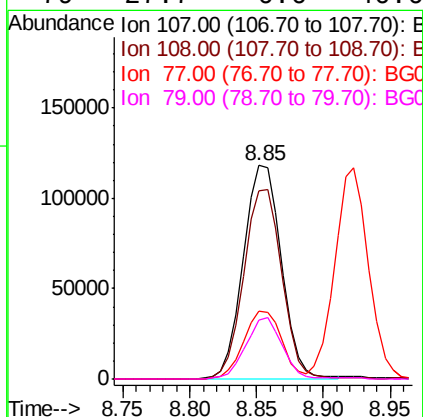
Instrument :
BNA_G
ClientSampled :

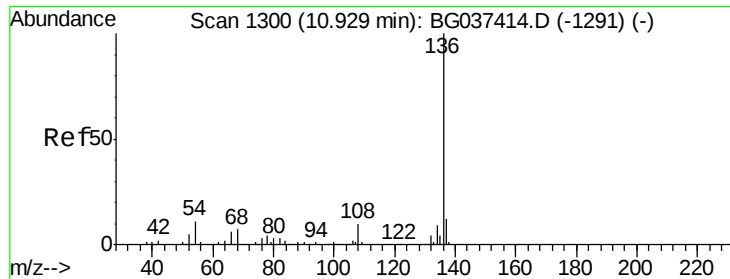
Tot Ion:	70	Resp:	142155
Ion	Ratio	Lower	Upper
70	100		
42	61.4	53.9	80.9
101	9.7	8.2	12.2
130	22.0	18.2	27.4



#20
3+4-Methylphenols
Concen: 47.525 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:	107	Resp:	233457
Ion	Ratio	Lower	Upper
107	100		
108	88.3	69.9	109.9
77	31.5	11.2	51.2
79	27.7	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 246710

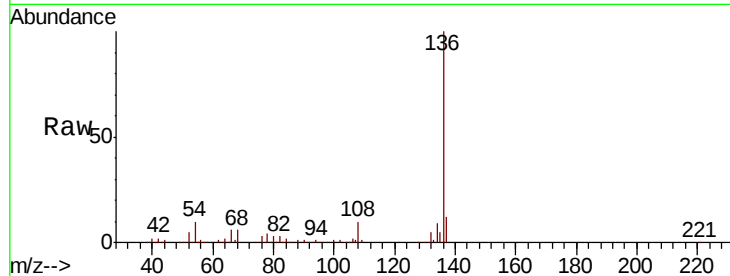
Ion Ratio Lower Upper

136 100

137 11.9 9.6 14.4

54 10.3 7.9 11.9

68 6.3 4.8 7.2

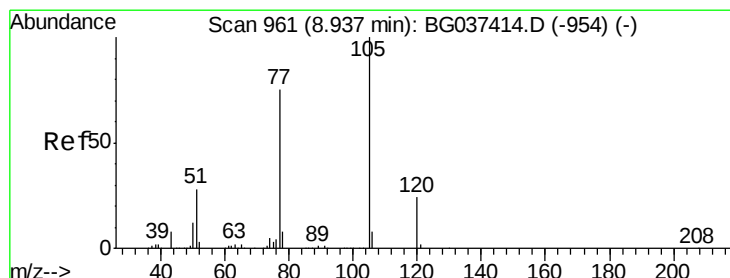
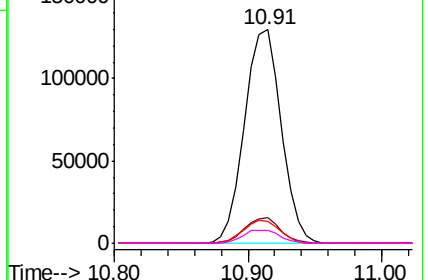
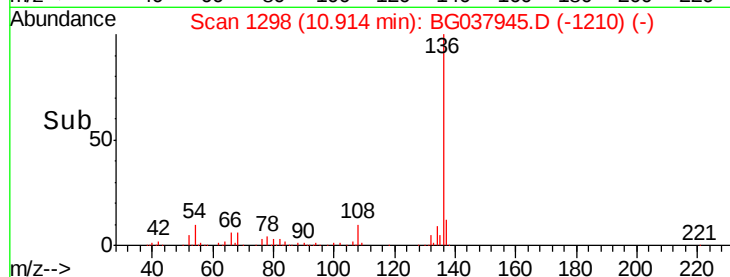


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 44.088 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Tgt Ion:105 Resp: 272790

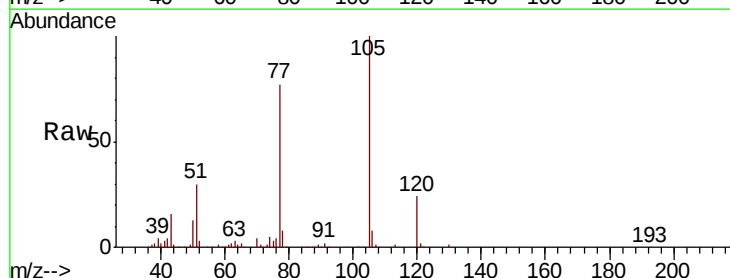
Ion Ratio Lower Upper

105 100

71 0.9 1.2 1.8#

51 30.4 25.0 37.6

120 24.3 18.6 28.0

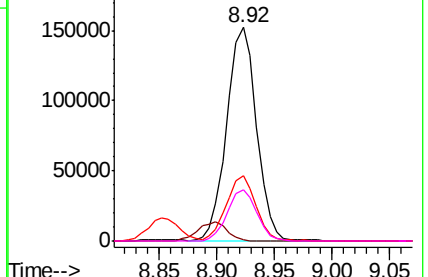
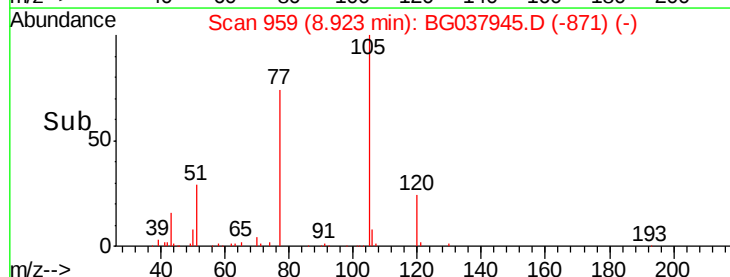


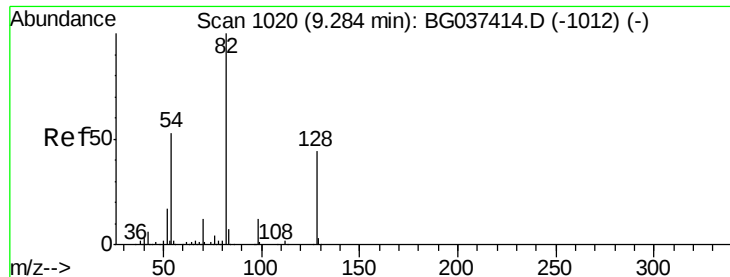
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

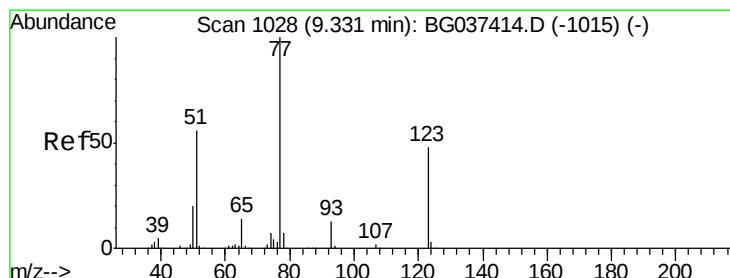
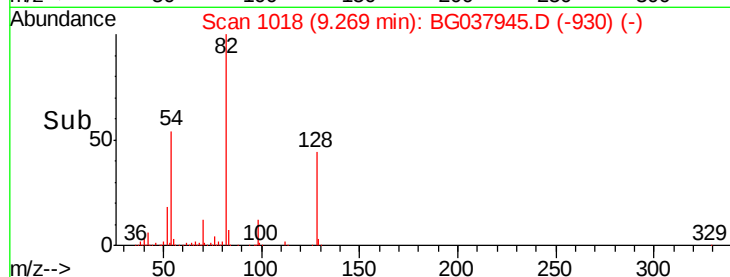
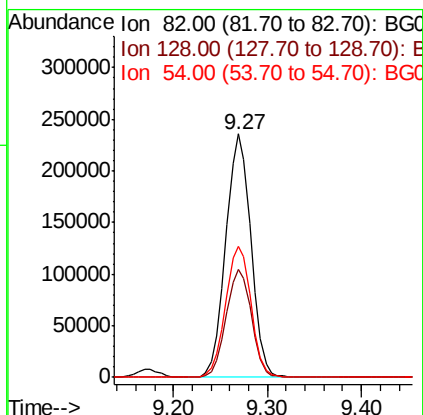
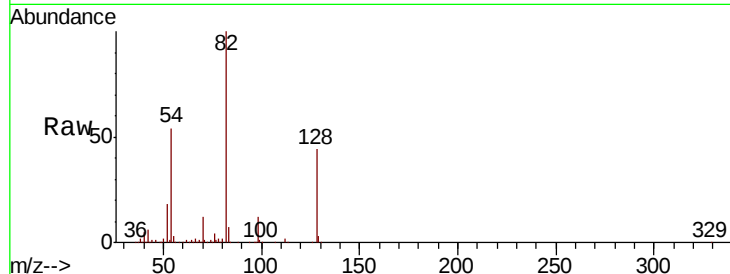




#23
 Nitrobenzene-d5
 Concen: 99.520 ng
 RT: 9.27 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

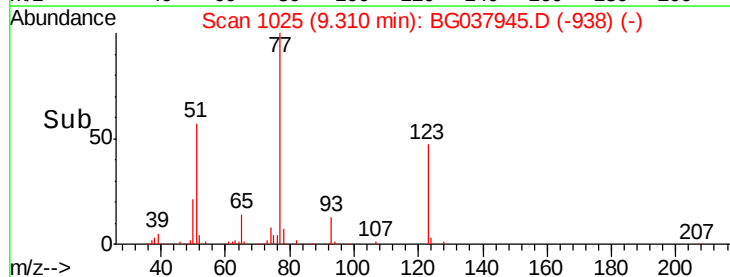
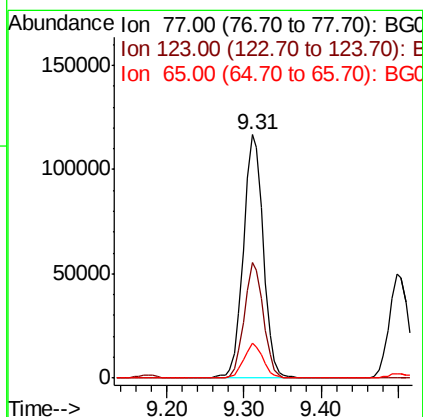
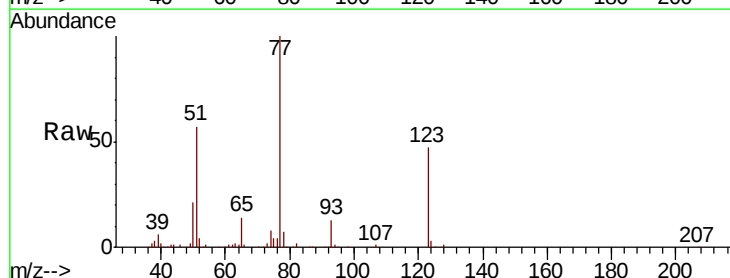
Instrument :
 BNA_G
 ClientSampleId :

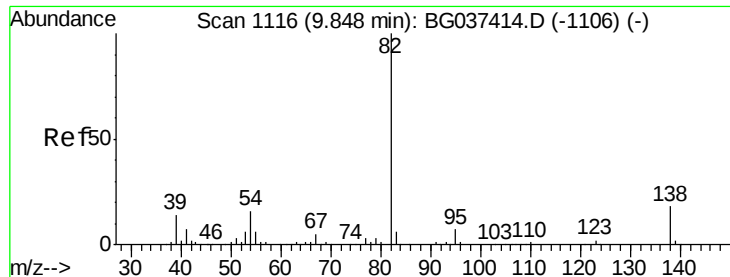
Tot Ion	82	Resp	438291
Ion Ratio	Lower	Upper	
82	100		
128	44.1	34.6	51.8
54	53.6	45.3	67.9



#24
 Nitrobenzene
 Concen: 46.259 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion	77	Resp	211642
Ion Ratio	Lower	Upper	
77	100		
123	47.3	33.6	50.4
65	14.4	11.3	16.9





#25

Isophorone

Concen: 50.433 ng

RT: 9.83 min Scan# 1113

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

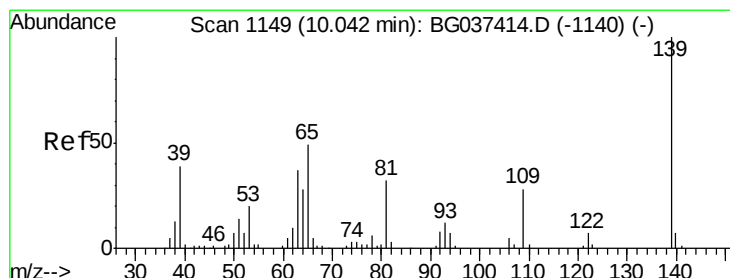
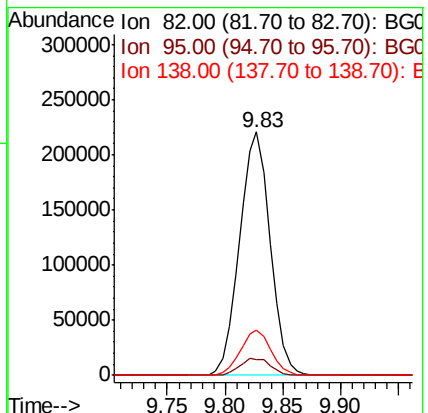
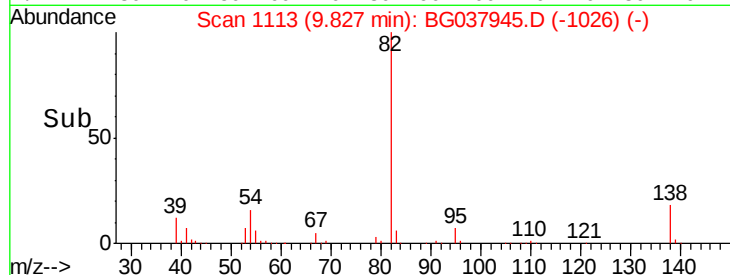
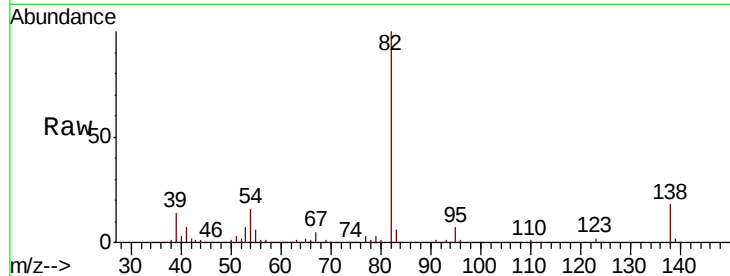
Tot Ion: 82 Resp: 405829

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.4 13.3 19.9



#26

2-Nitrophenol

Concen: 51.838 ng

RT: 10.02 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

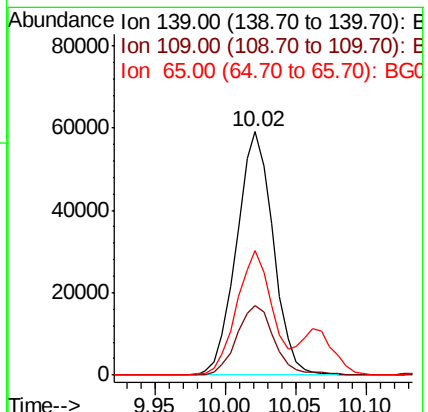
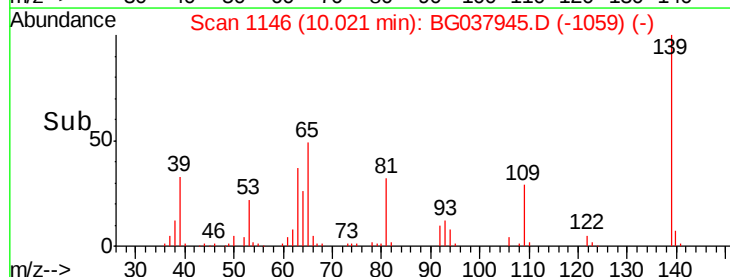
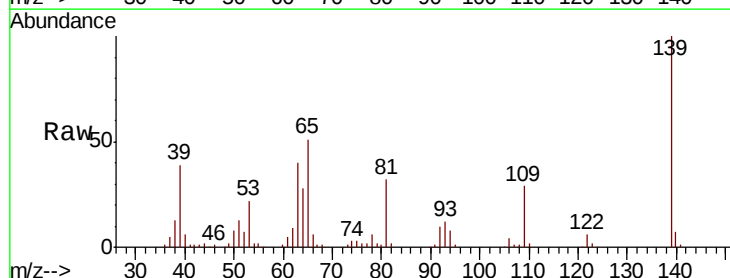
Tgt Ion: 139 Resp: 106841

Ion Ratio Lower Upper

139 100

109 28.8 23.3 34.9

65 51.0 39.8 59.8

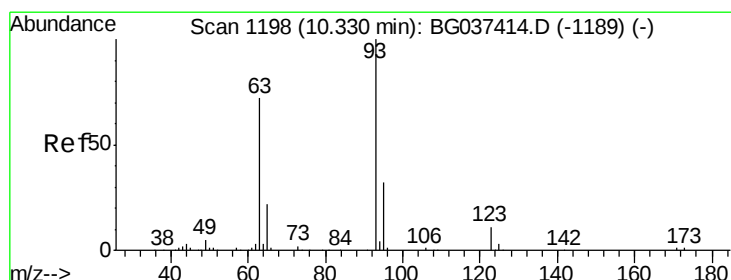
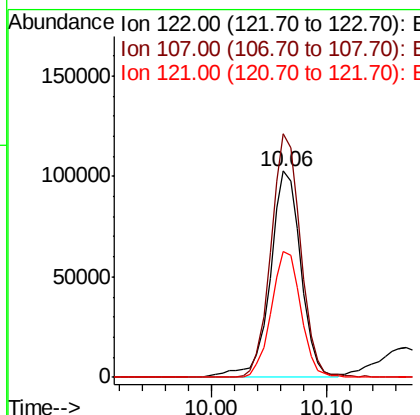
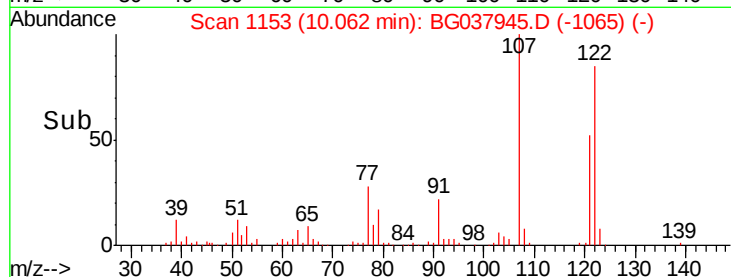
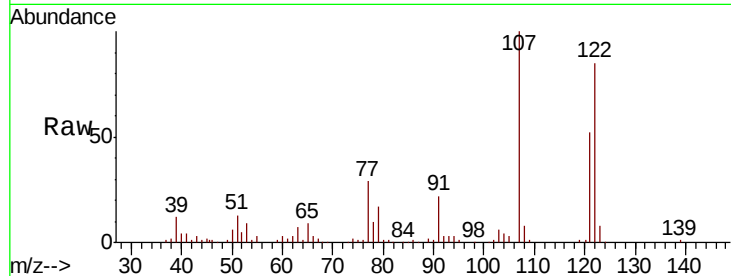




#27
 2,4-Dimethylphenol
 Concen: 51.603 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

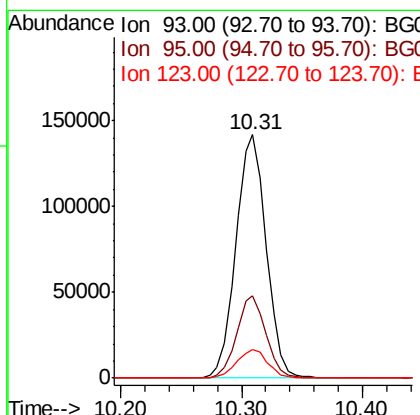
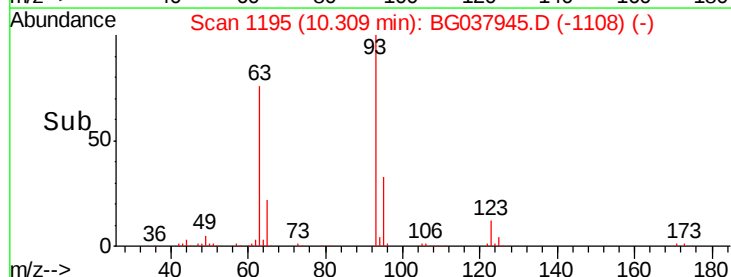
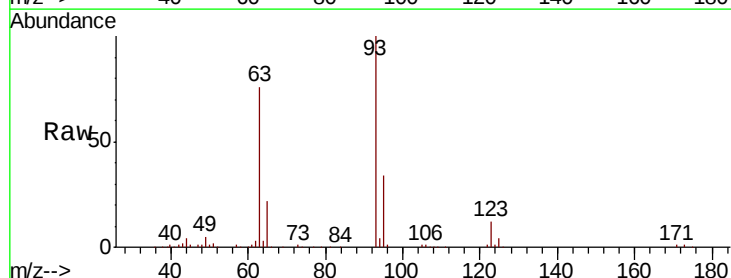
Instrument :
 BNA_G
 ClientSampleId :

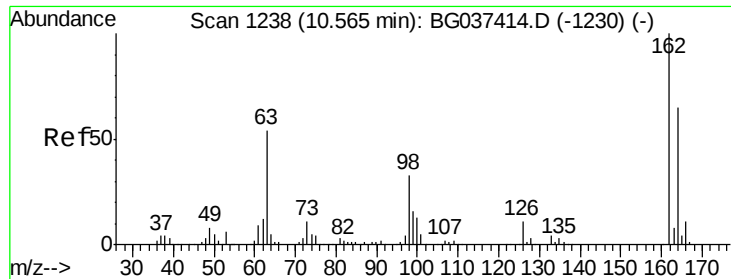
Tot Ion:122 Resp: 189899
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.2 141.2
 121 61.2 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.845 ng
 RT: 10.31 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion: 93 Resp: 246977
 Ion Ratio Lower Upper
 93 100
 95 33.8 24.6 37.0
 123 11.7 9.1 13.7

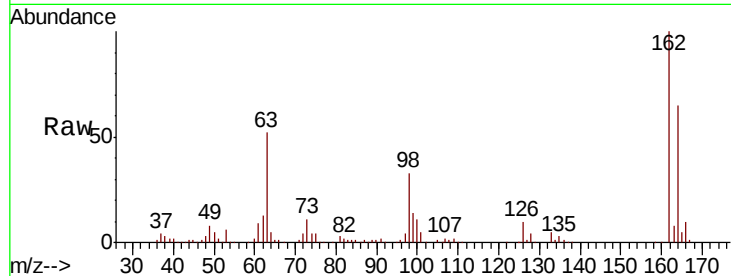




#29
 2,4-Dichlorophenol
 Concen: 50.421 ng
 RT: 10.55 min Scan# 1236
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.2	83.2
98	32.6	16.0	56.0

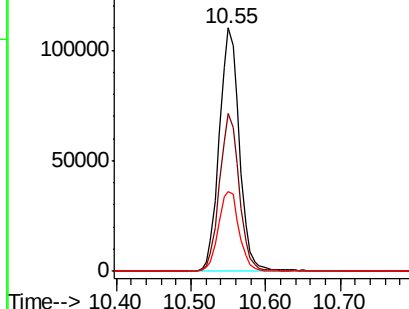
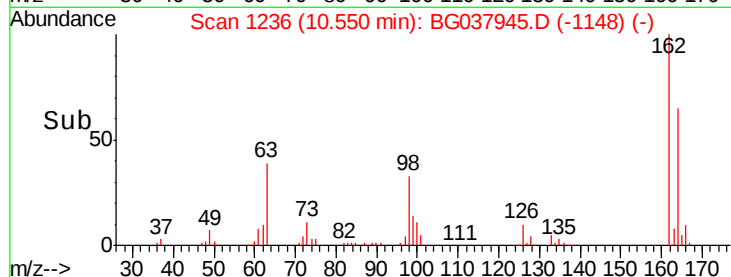


Abundance

Ion 162.00 (161.70 to 162.70): E

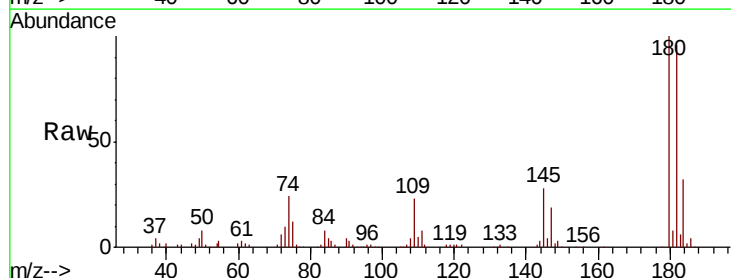
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
 1,2,4-Trichlorobenzene
 Concen: 45.279 ng
 RT: 10.77 min Scan# 1273
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.7	116.5
145	27.9	23.3	34.9

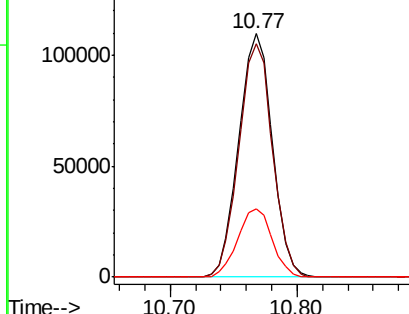
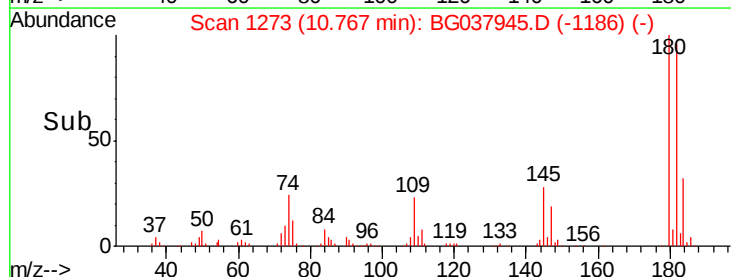


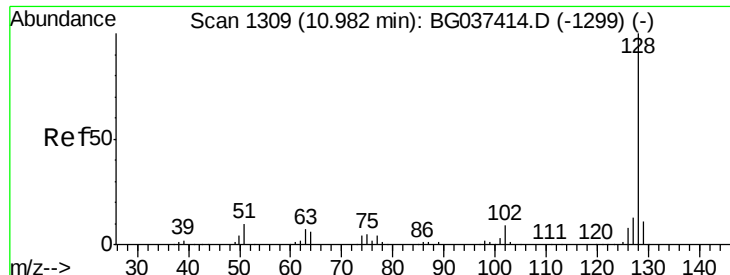
Abundance

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

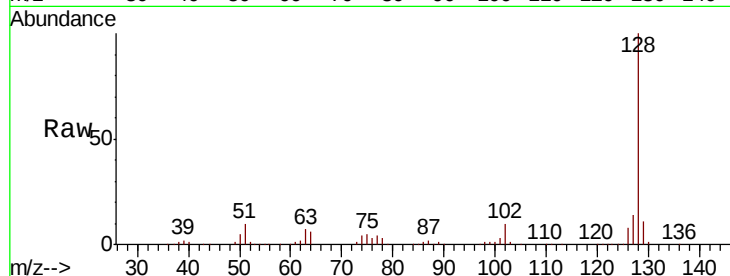




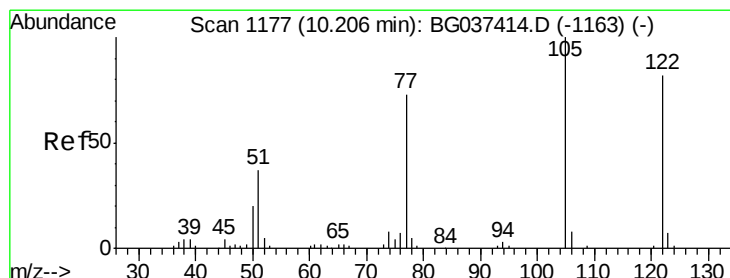
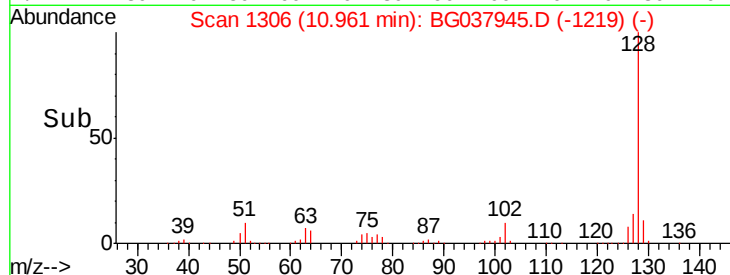
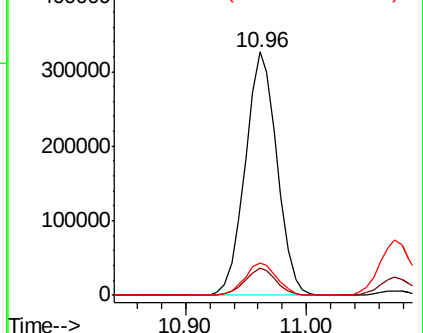
#31
Naphthalene
Concen: 49.063 ng
RT: 10.96 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 594531
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.6 11.1 16.7

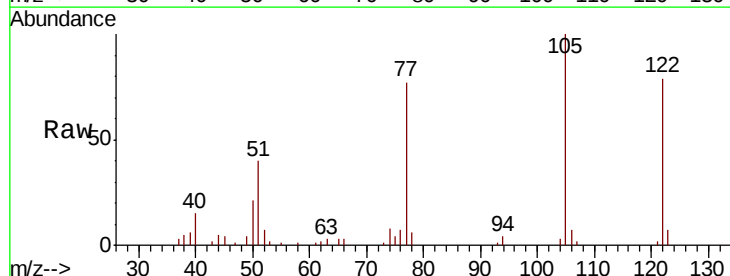


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

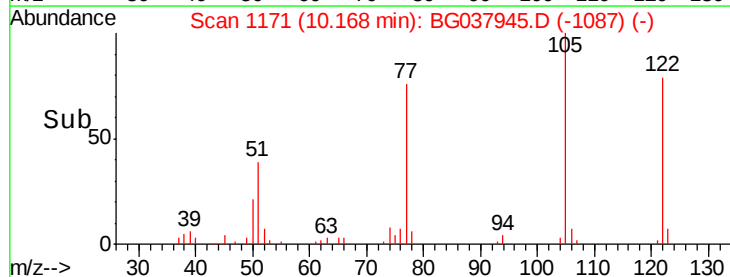
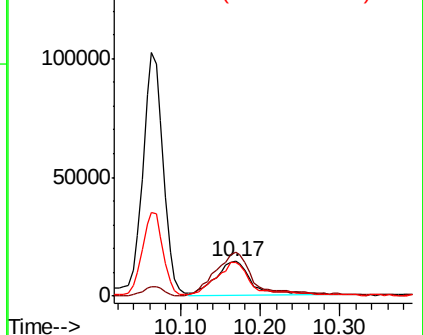


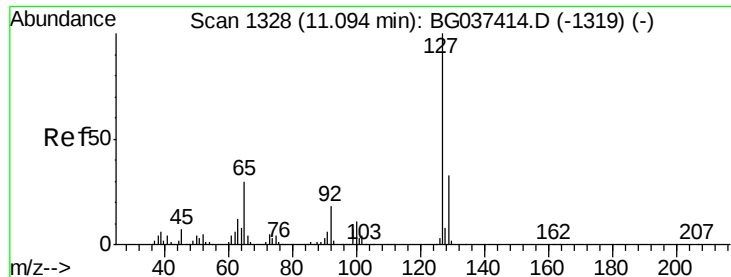
#32
Benzoic acid
Concen: 18.430 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.04 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:122 Resp: 44051
Ion Ratio Lower Upper
122 100
105 126.6 106.7 146.7
77 97.1 72.2 112.2



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

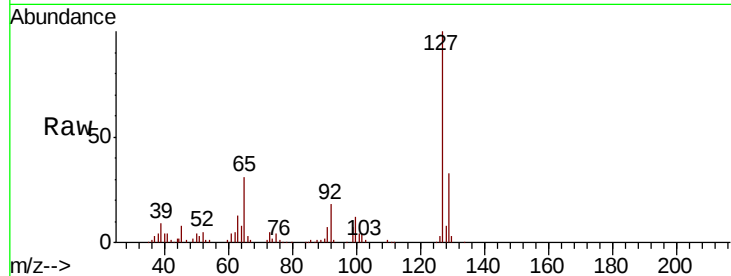




#33
4-Chloroaniline
Concen: 25.346 ng
RT: 11.07 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	144310
Ion	Ratio	Lower	Upper
127	100		
129	33.0	27.1	40.7
65	31.3	26.6	39.8
92	18.2	16.4	24.6



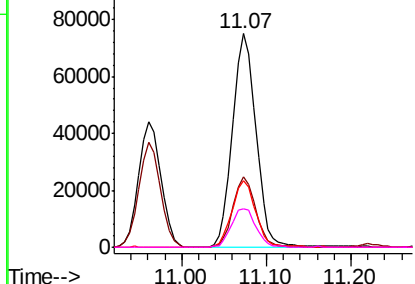
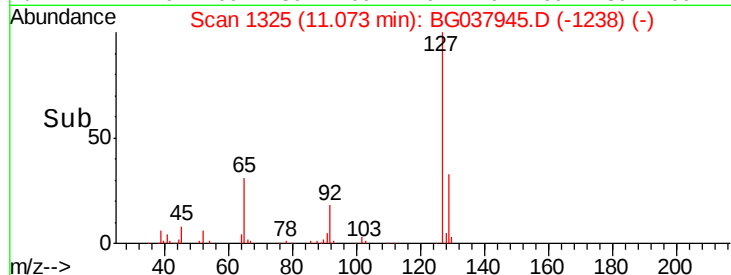
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

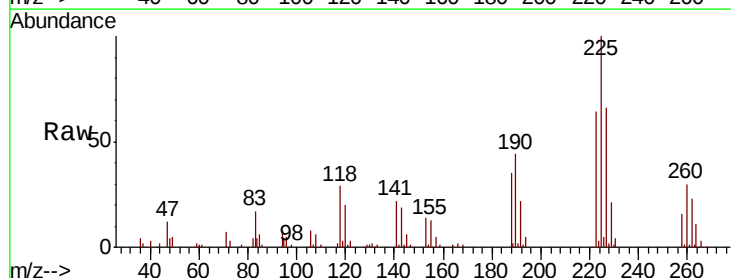
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 44.038 ng
RT: 11.23 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:	225	Resp:	116297
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.2	72.4
227	62.9	51.6	77.4

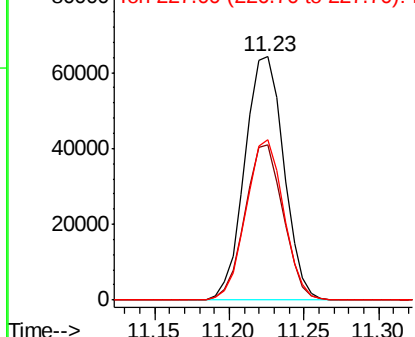
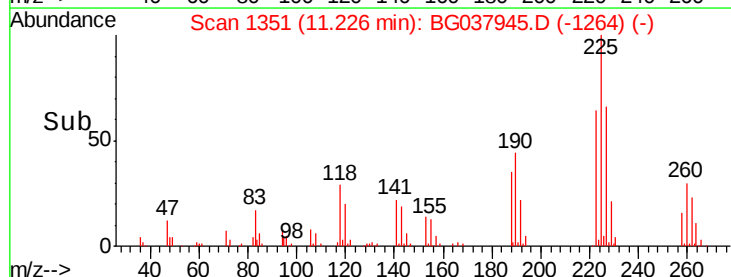


Abundance

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: 44.070 ng

RT: 11.86 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

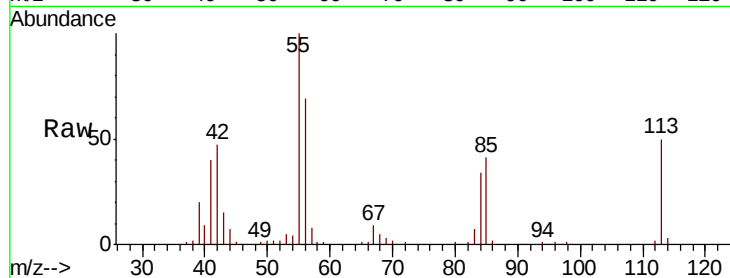
Tot Ion:113 Resp: 72420

Ion Ratio Lower Upper

113 100

55 201.8 176.6 216.6

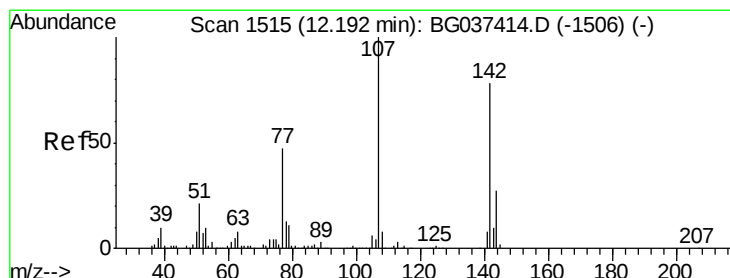
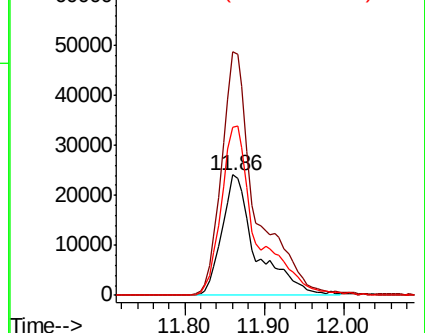
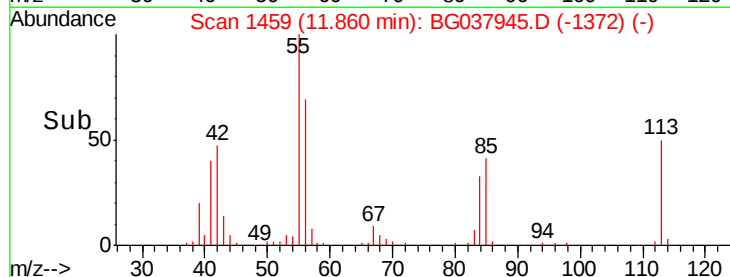
56 139.7 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 47.936 ng

RT: 12.18 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

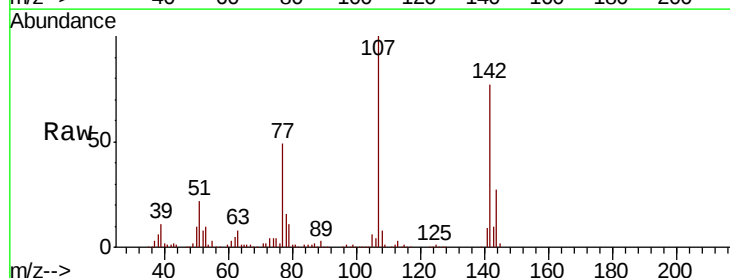
Tgt Ion:107 Resp: 221505

Ion Ratio Lower Upper

107 100

144 27.2 20.7 31.1

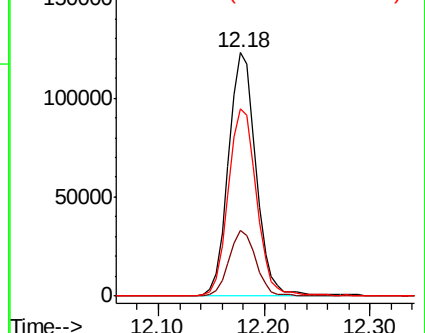
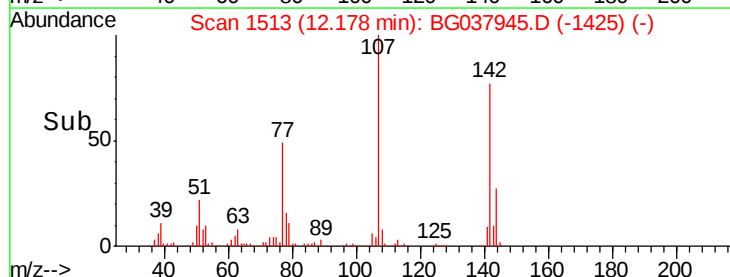
142 76.9 64.4 96.6

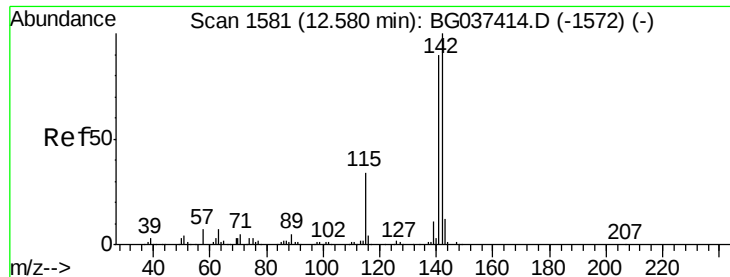


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

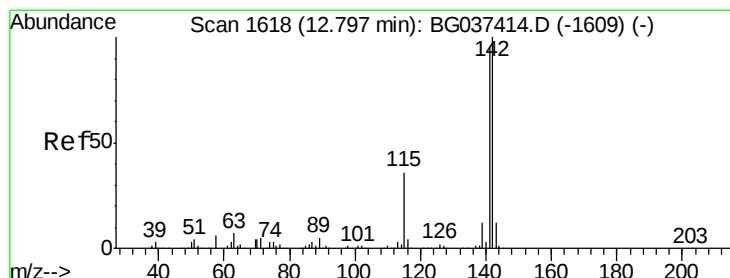
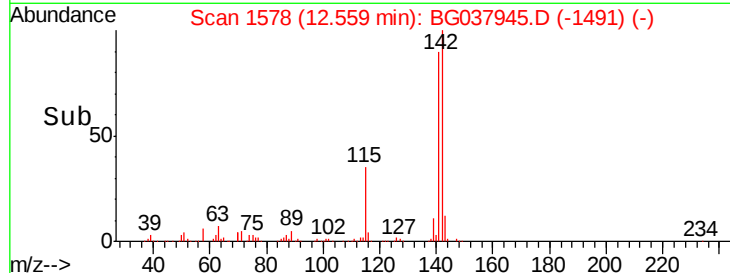
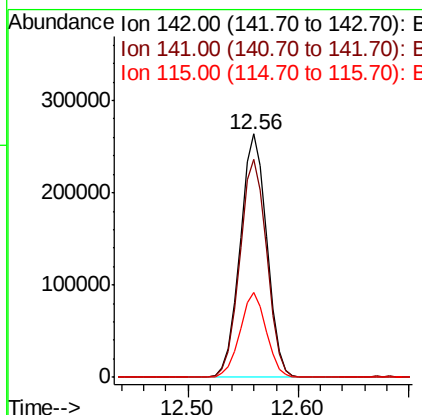
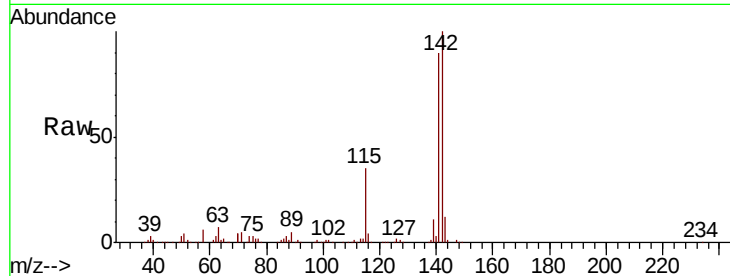




#37
 2-Methylnaphthalene
 Concen: 50.762 ng
 RT: 12.56 min Scan# 1578
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

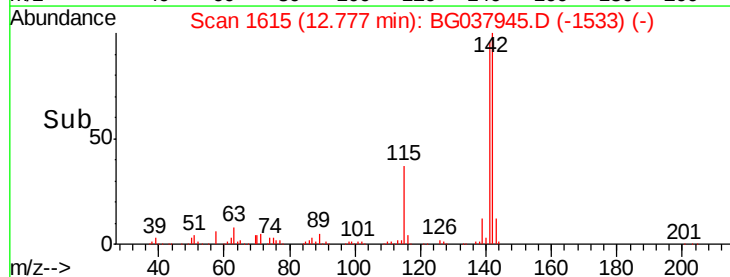
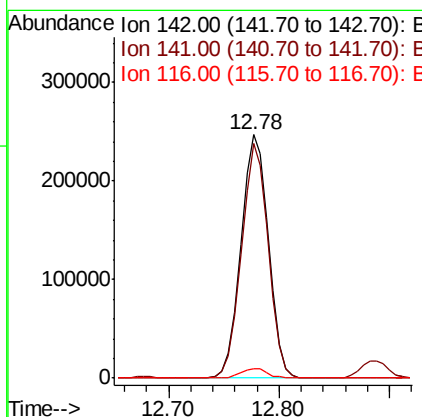
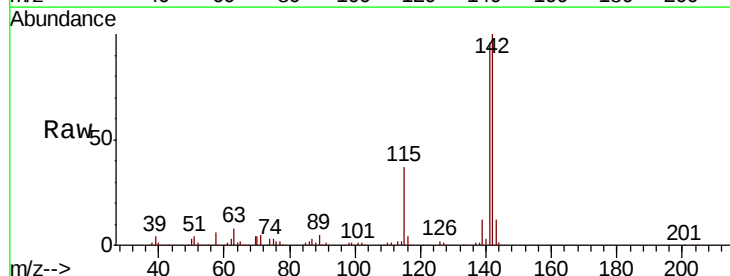
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	35.1	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 50.125 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.2	75.2	112.8
116	3.8	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

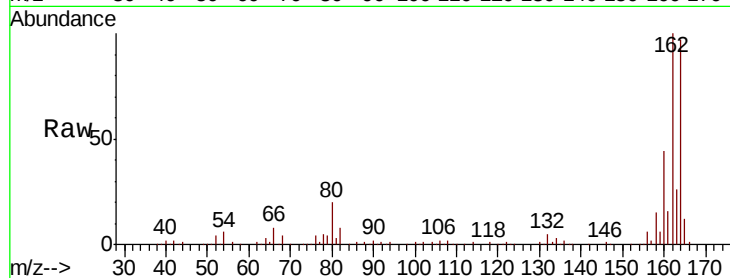
Tot Ion:164 Resp: 162354

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

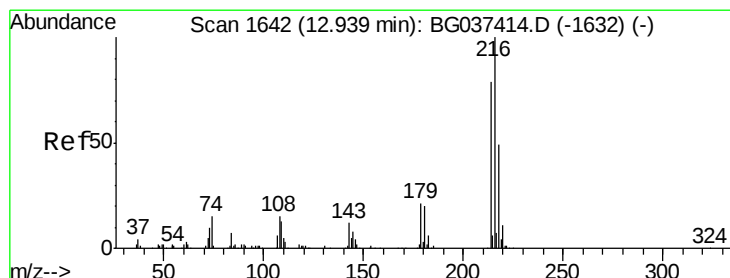
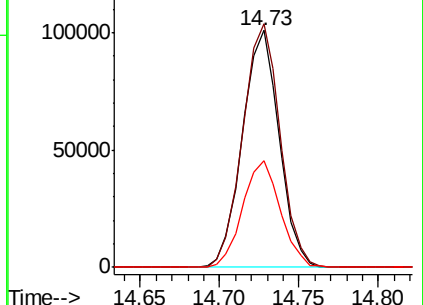
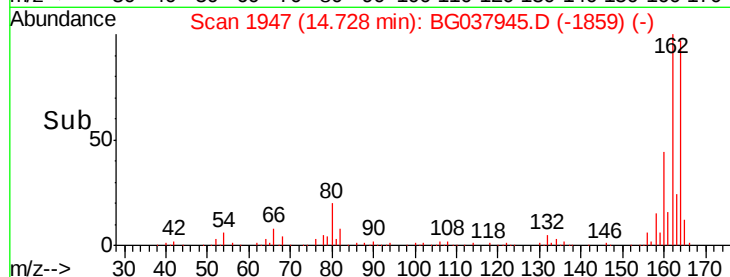
160 44.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.618 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Tgt Ion:216 Resp: 233653

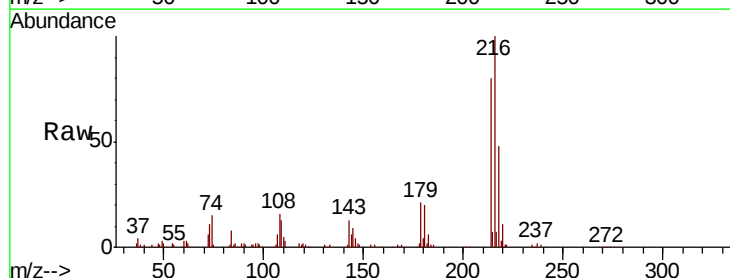
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 20.7 17.4 26.0

108 19.3 13.9 20.9

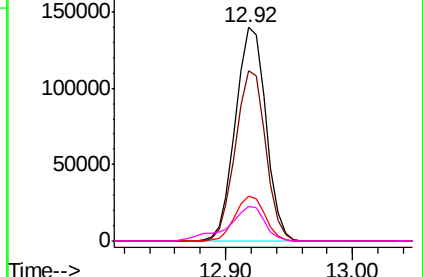
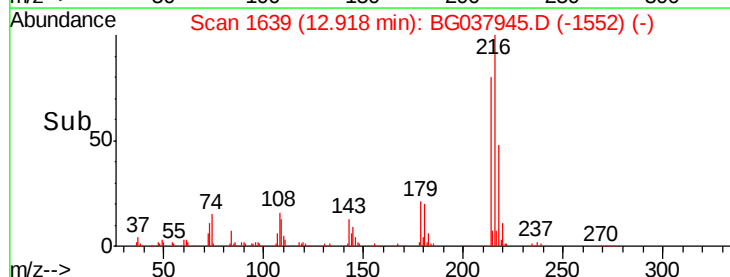


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 106.401 ng

RT: 12.89 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG037945.D

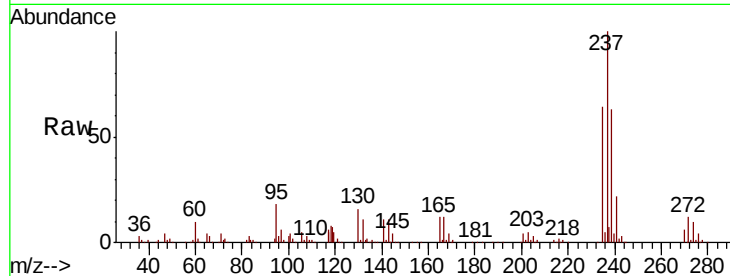
Acq: 12 Nov 2018 15:29

Instrument :

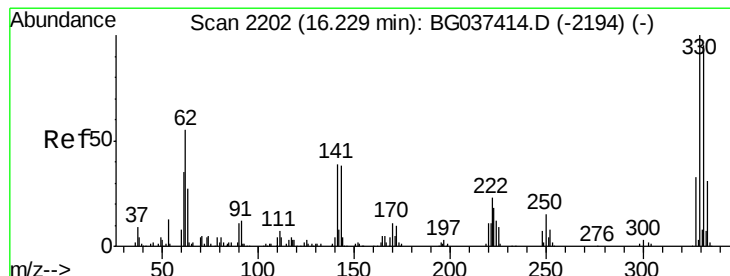
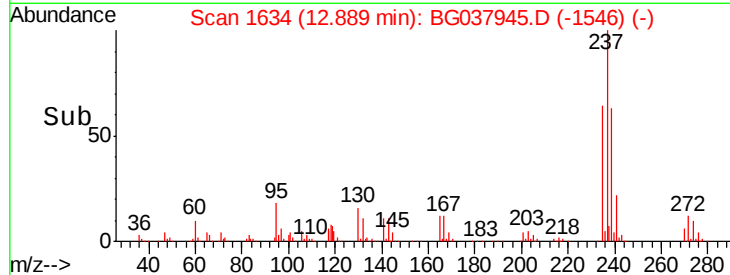
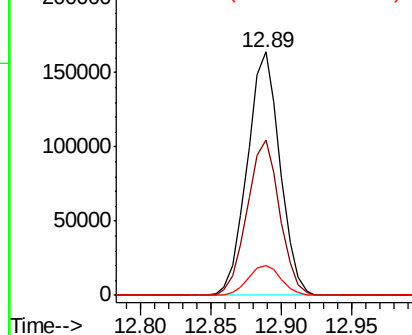
BNA_G

ClientSampleId :

Tot Ion:	237	Resp:	266161
Ion Ratio	Lower	Upper	
237	100		
235	63.7	42.5	82.5
272	12.1	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: 147.151 ng

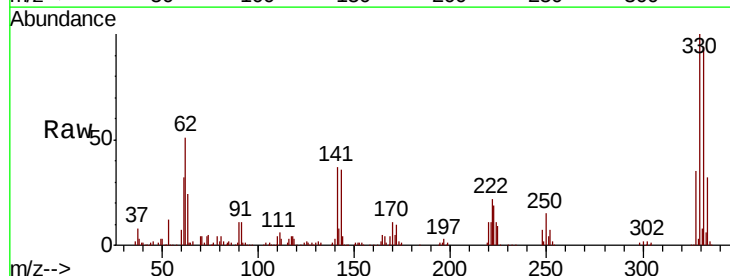
RT: 16.22 min Scan# 2201

Delta R.T. -0.01 min

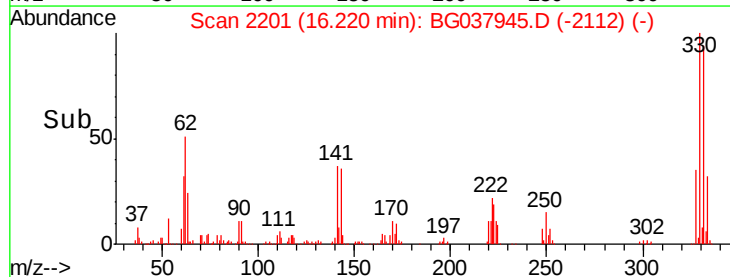
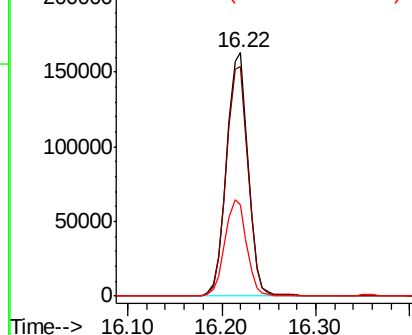
Lab File: BG037945.D

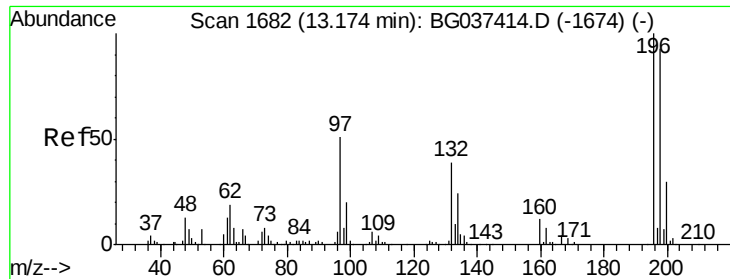
Acq: 12 Nov 2018 15:29

Tgt Ion:	330	Resp:	260572
Ion Ratio	Lower	Upper	
330	100		
332	96.2	78.4	117.6
141	39.8	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

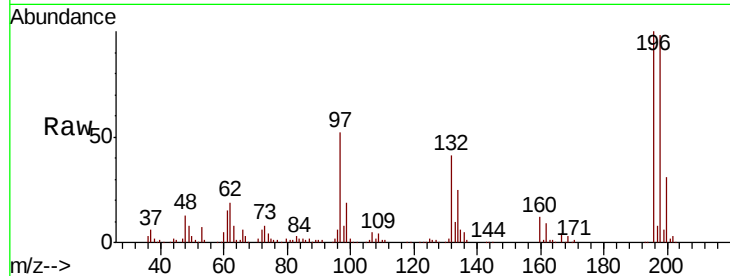




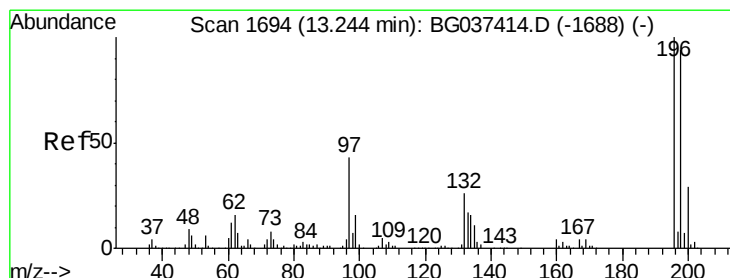
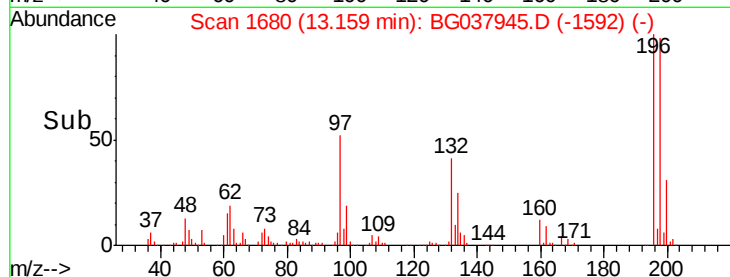
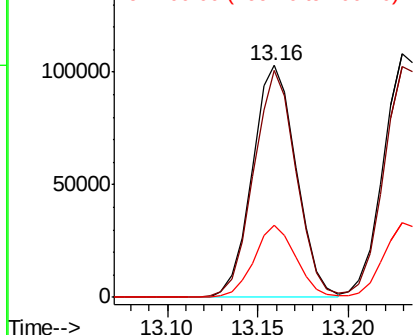
#43
 2,4,6-Trichlorophenol
 Concen: 49.213 ng
 RT: 13.16 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:196 Resp: 172177
 Ion Ratio Lower Upper
 196 100
 198 98.3 76.4 114.6
 200 31.2 24.9 37.3

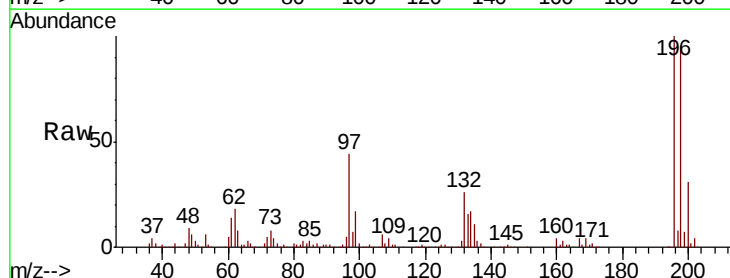


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

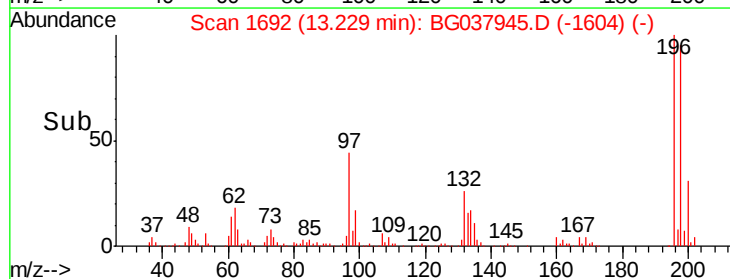
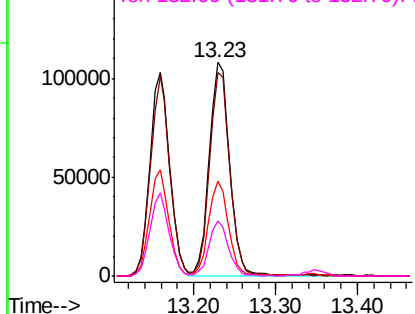


#44
 2,4,5-Trichlorophenol
 Concen: 49.402 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion:196 Resp: 188182
 Ion Ratio Lower Upper
 196 100
 198 95.0 74.2 111.2
 97 44.3 34.1 51.1
 132 25.9 20.2 30.4



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

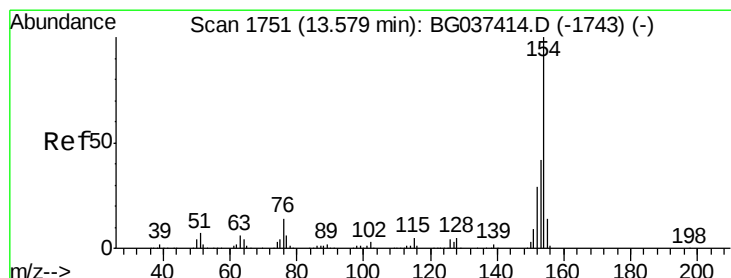
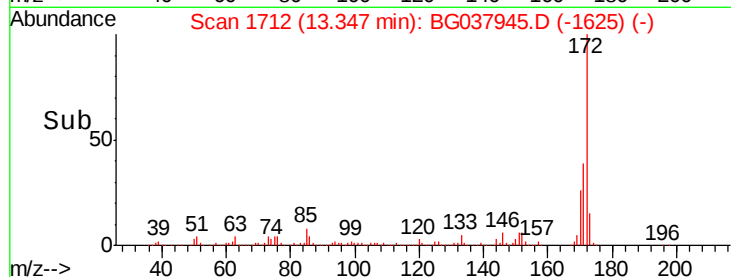
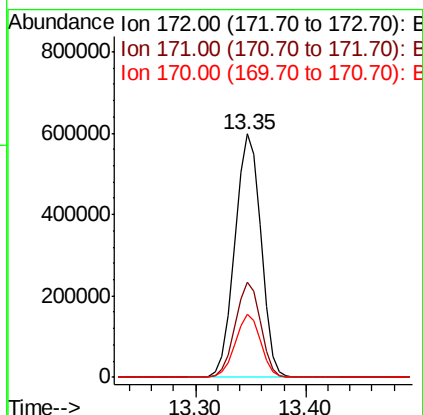
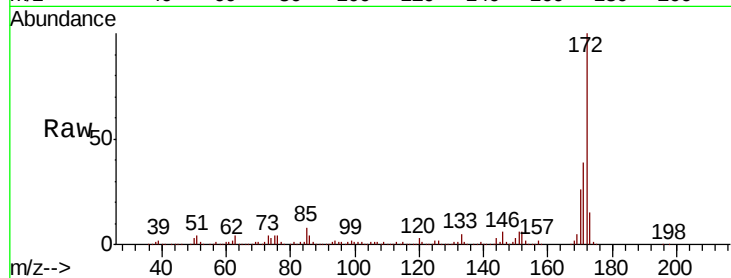




#45
2-Fluorobiphenyl
Concen: 92.146 ng
RT: 13.35 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

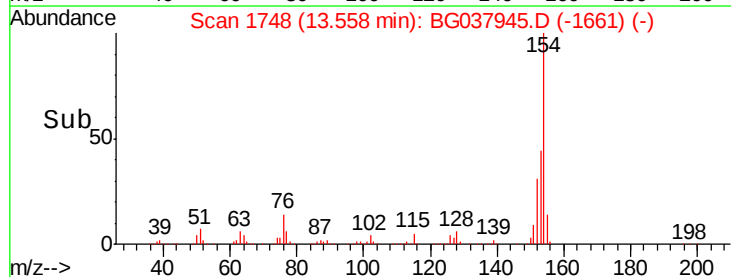
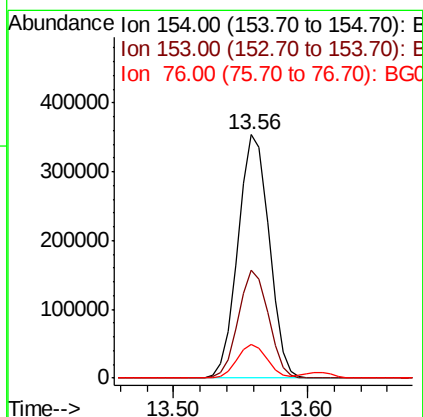
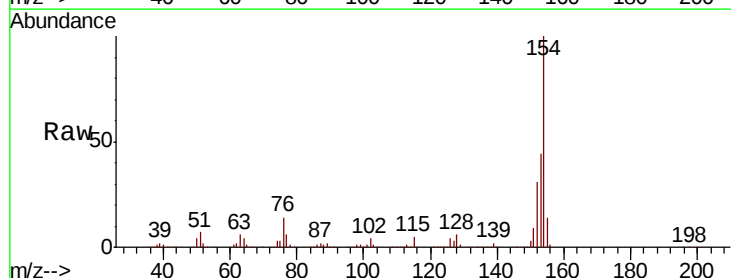
Instrument :
BNA_G
ClientSampleId :

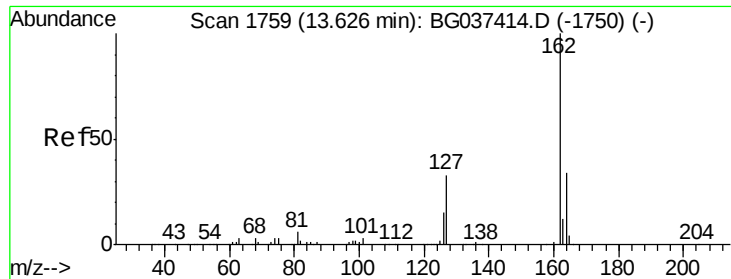
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.0	31.0	46.4
170	25.9	20.2	30.2



#46
1,1'-Biphenyl
Concen: 42.515 ng
RT: 13.56 min Scan# 1748
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.2	22.1	62.1
76	14.0	0.0	33.2

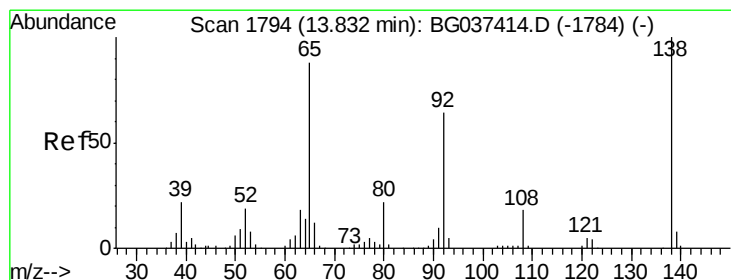
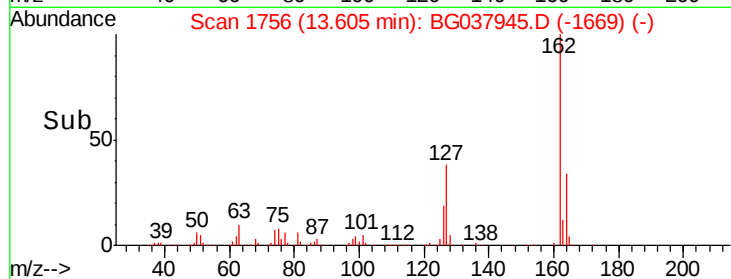
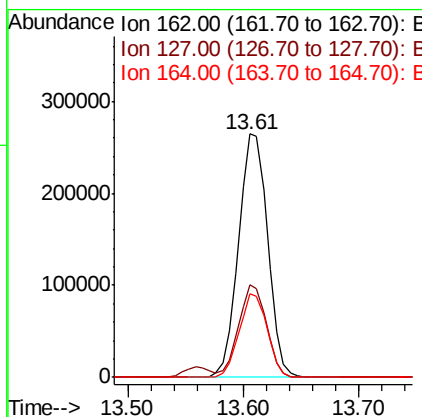
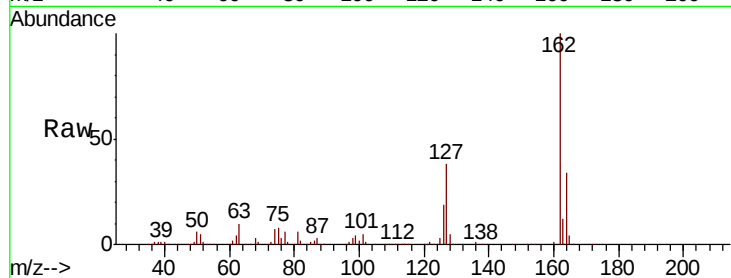




#47
 2-Chloronaphthalene
 Concen: 45.355 ng
 RT: 13.61 min Scan# 1756
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

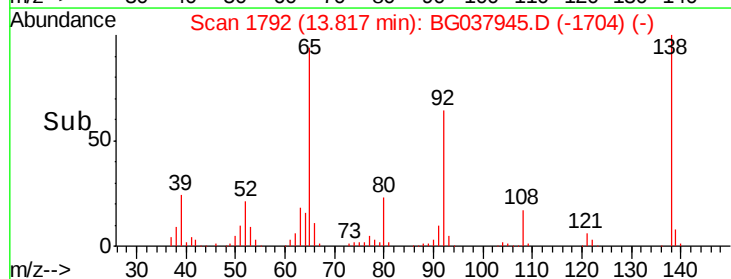
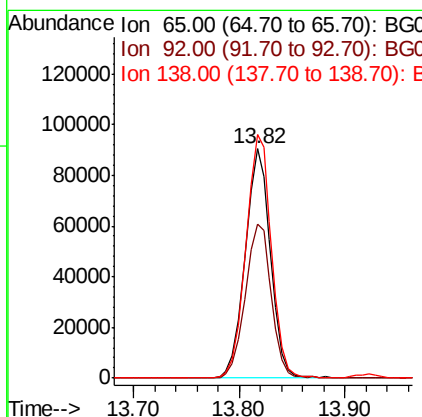
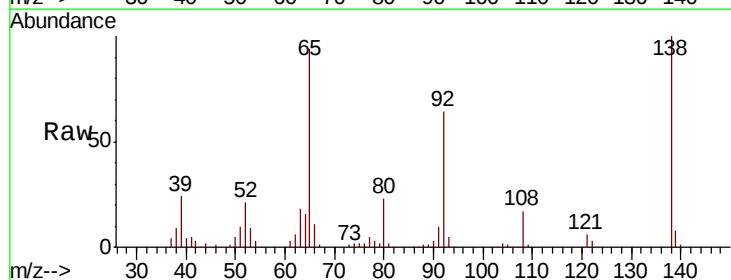
Instrument :
 BNA_G
 ClientSampleId :

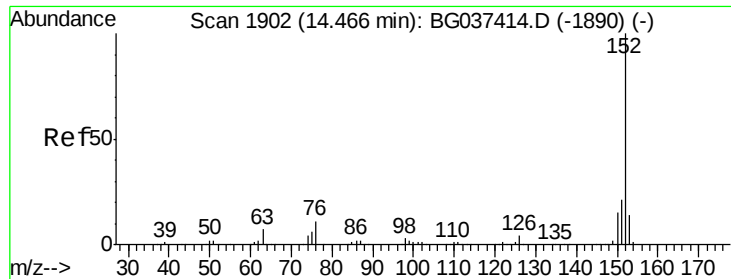
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.5	45.7
164	34.1	26.4	39.6



#48
 2-Nitroaniline
 Concen: 48.815 ng
 RT: 13.82 min Scan# 1792
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.2	79.8
138	106.2	79.3	118.9





#49

Acenaphthylene

Concen: 49.385 ng

RT: 14.45 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

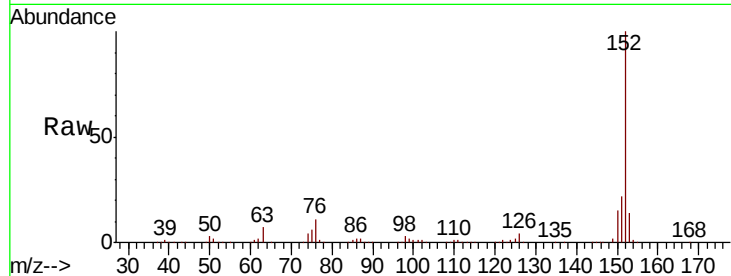
Tot Ion:152 Resp: 755685

Ion Ratio Lower Upper

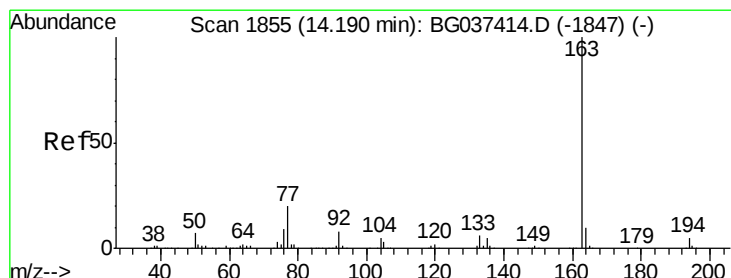
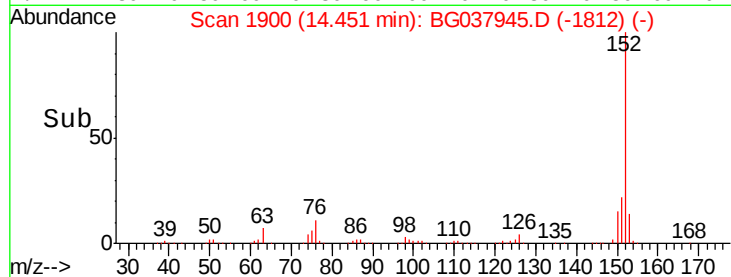
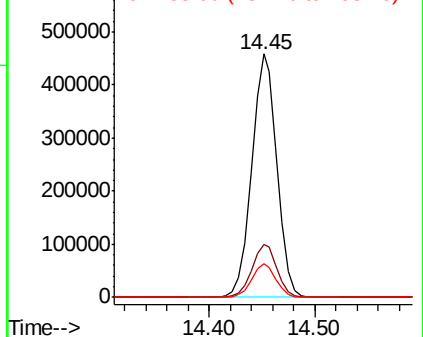
152 100

151 21.9 17.1 25.7

153 14.1 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: 54.600 ng

RT: 14.18 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

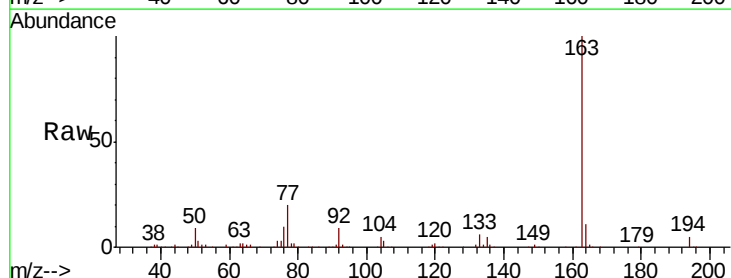
Tgt Ion:163 Resp: 685781

Ion Ratio Lower Upper

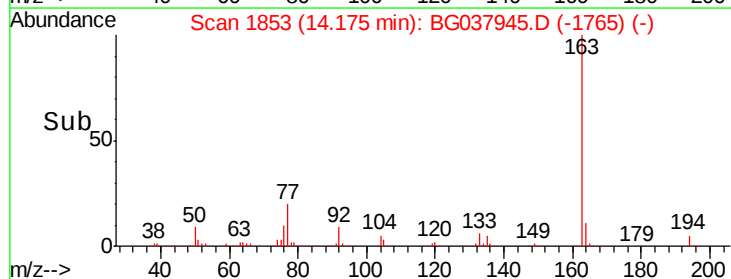
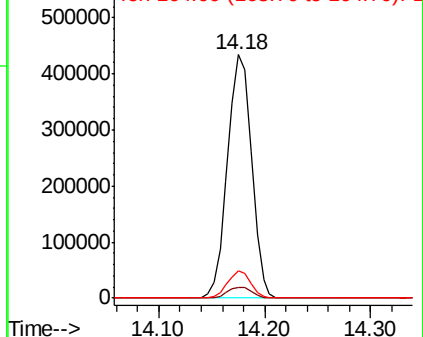
163 100

194 4.6 3.5 5.3

164 11.1 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: 49.132 ng

RT: 14.30 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

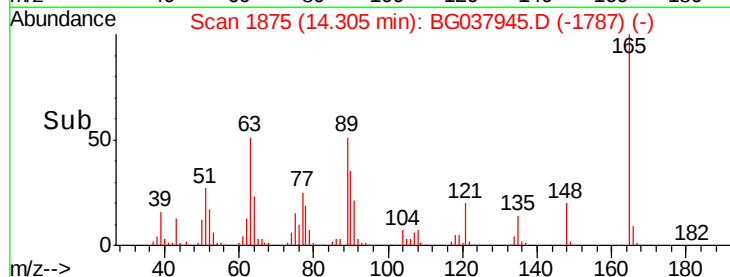
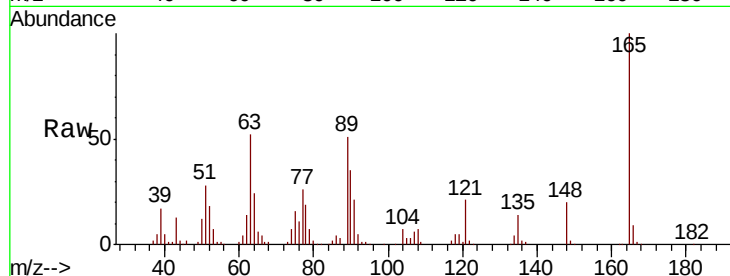
Tot Ion:165 Resp: 136514

Ion Ratio Lower Upper

165 100

63 51.9 43.4 65.2

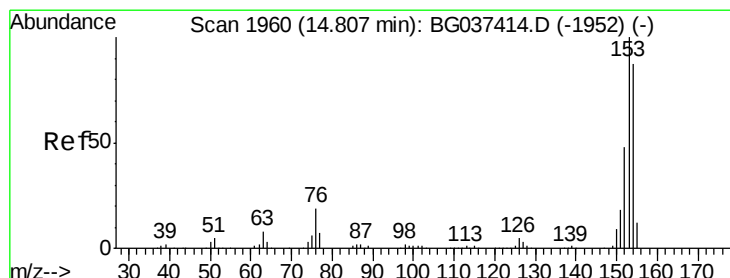
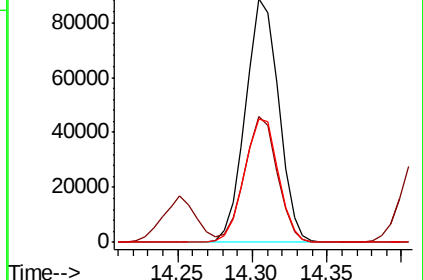
89 50.8 45.8 68.6



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: 46.942 ng

RT: 14.79 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

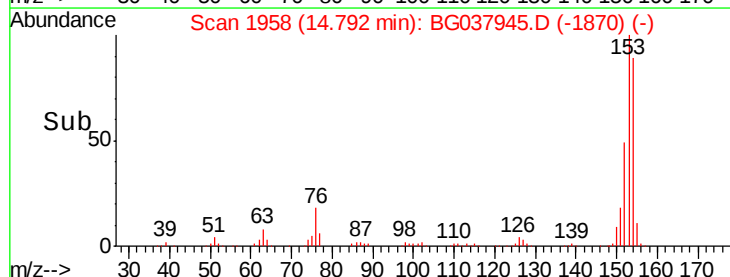
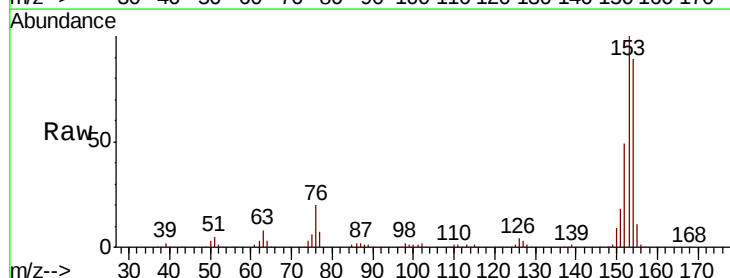
Tgt Ion:154 Resp: 442374

Ion Ratio Lower Upper

154 100

153 113.0 93.4 140.0

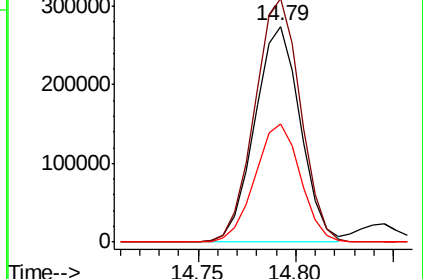
152 55.0 44.7 67.1

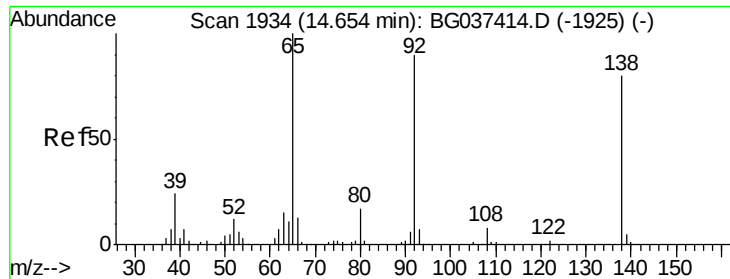


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 36.778 ng

RT: 14.64 min Scan# 1932

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

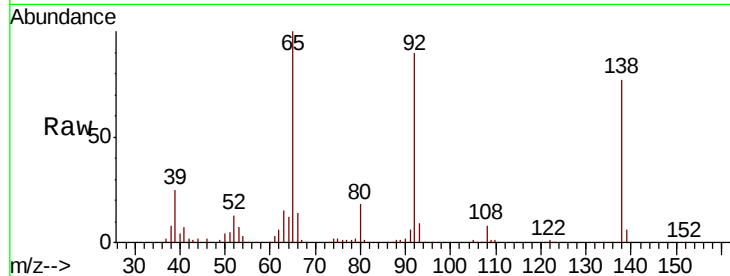
Tot Ion:138 Resp: 113442

Ion Ratio Lower Upper

138 100

108 10.5 11.0 16.6#

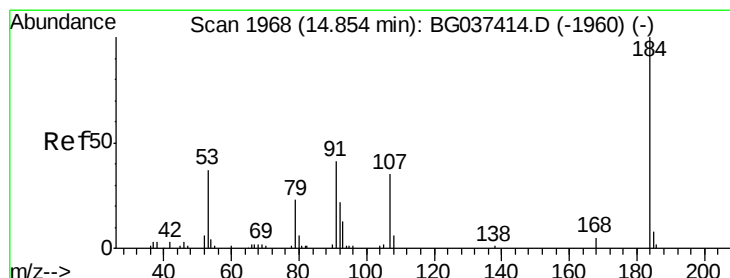
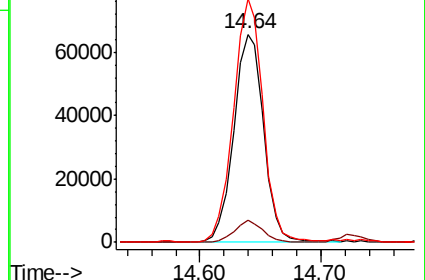
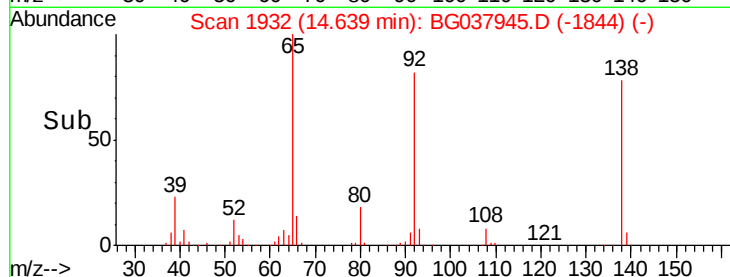
92 116.8 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 65.599 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

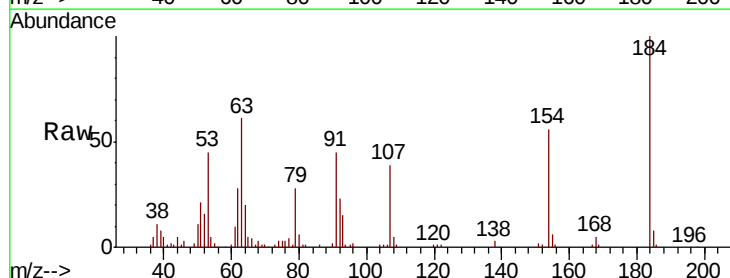
Tgt Ion:184 Resp: 71171

Ion Ratio Lower Upper

184 100

63 60.9 42.6 63.8

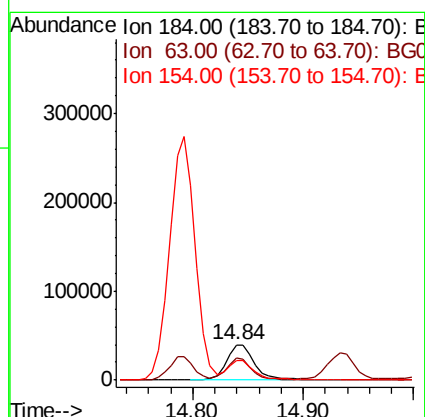
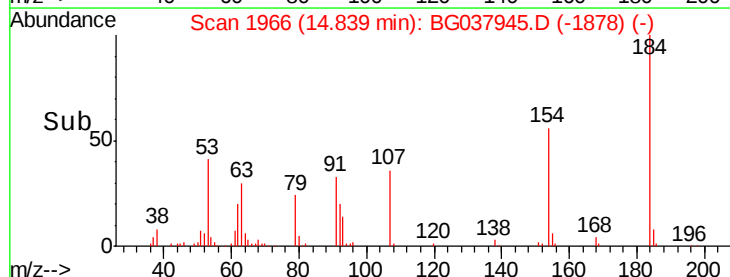
154 56.0 41.8 62.6

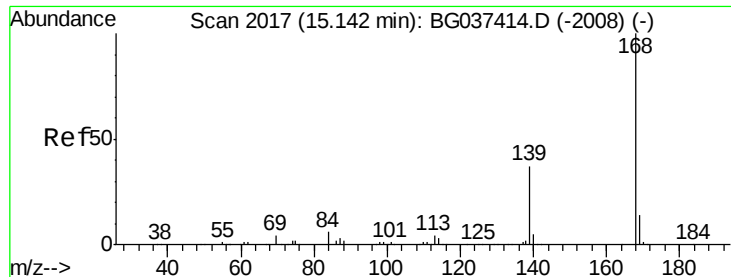


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

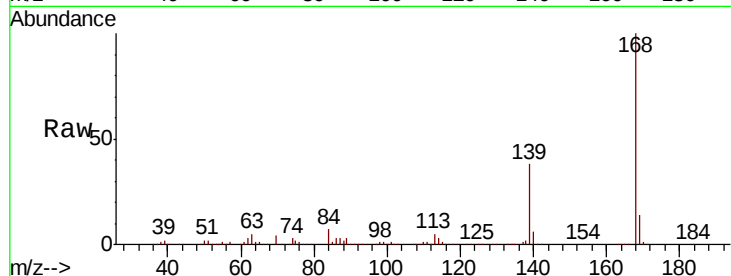




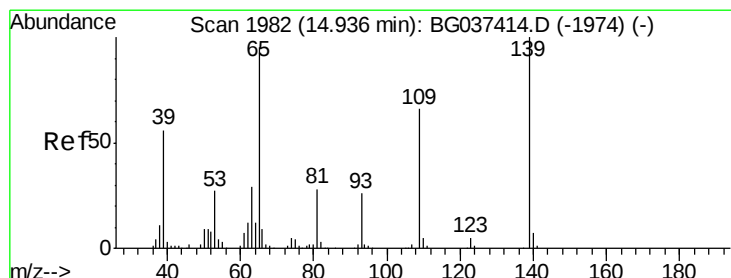
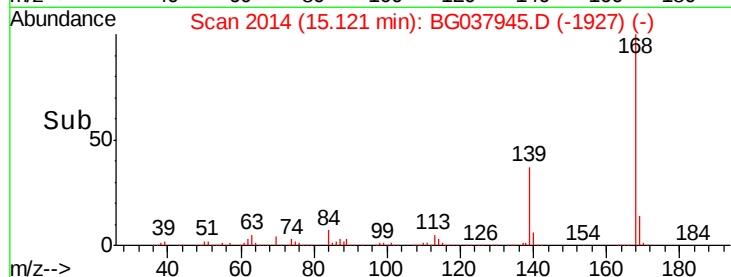
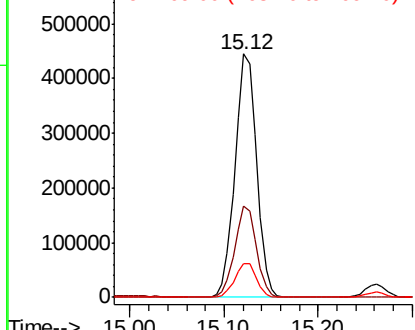
#55
Dibenzofuran
Concen: 45.522 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 710766
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.0
169 14.0 11.0 16.6

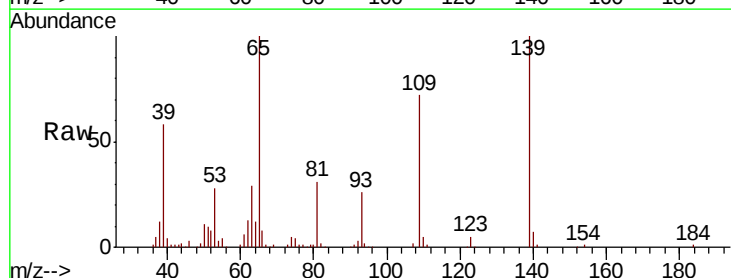


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

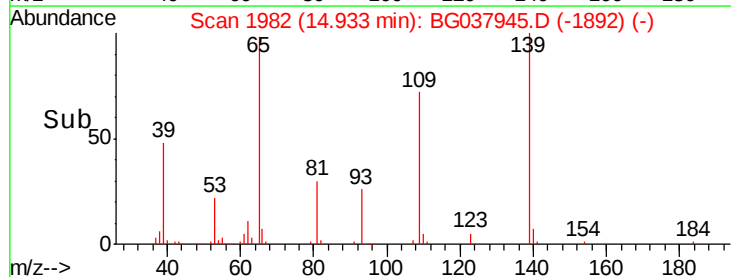
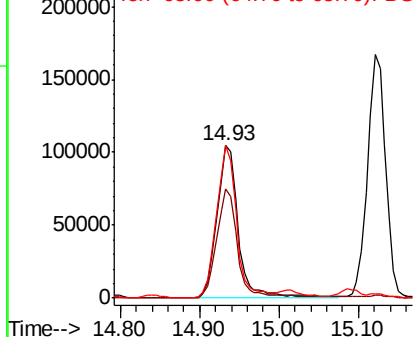


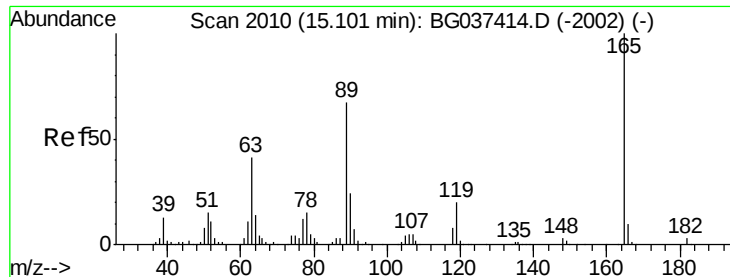
#56
4-Nitrophenol
Concen: 86.505 ng
RT: 14.93 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:139 Resp: 197507
Ion Ratio Lower Upper
139 100
109 71.8 49.5 89.5
65 100.1 76.8 116.8



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

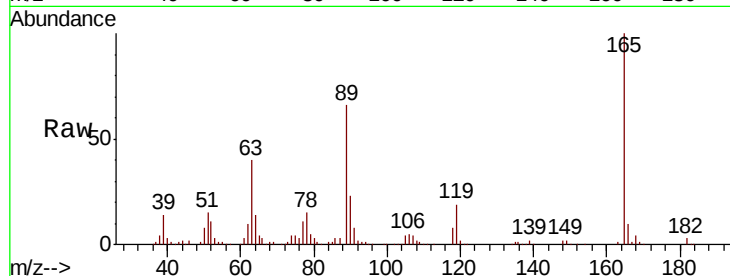




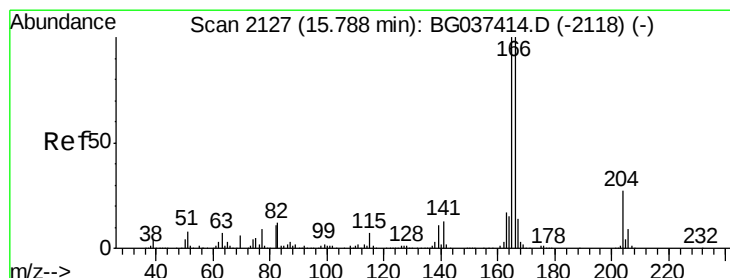
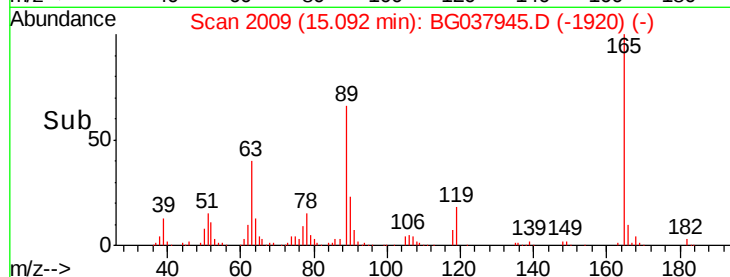
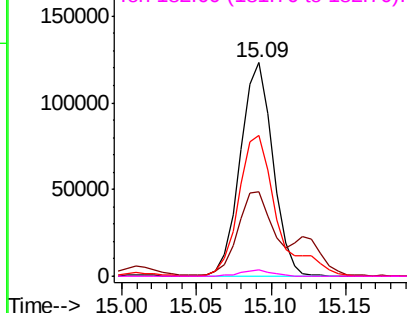
#57
2,4-Dinitrotoluene
Concen: 51.123 ng
RT: 15.09 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.7	33.4	50.0
89	65.9	57.2	85.8
182	2.8	2.6	4.0

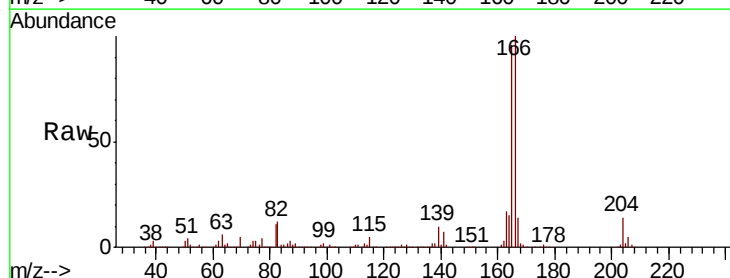


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

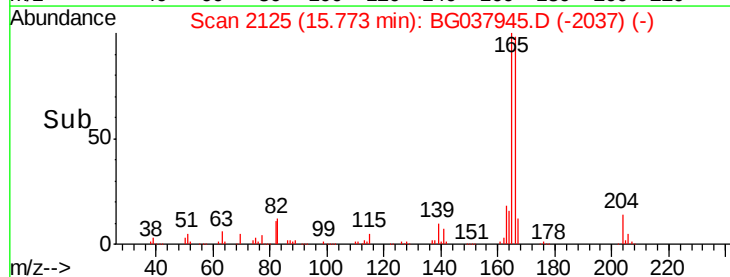
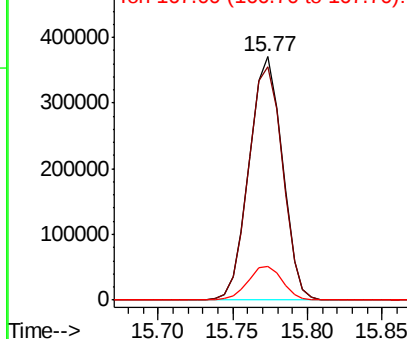


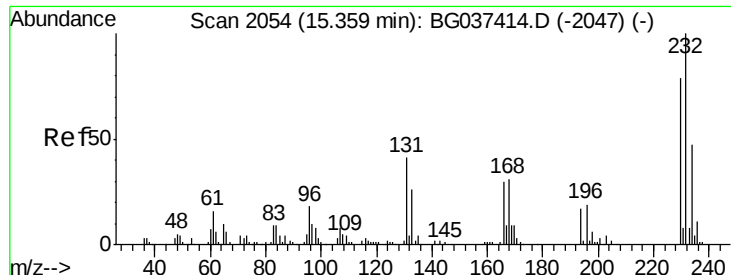
#58
Fluorene
Concen: 48.676 ng
RT: 15.77 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.1	79.0	118.6
167	13.8	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: 49.116 ng

RT: 15.34 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 160189

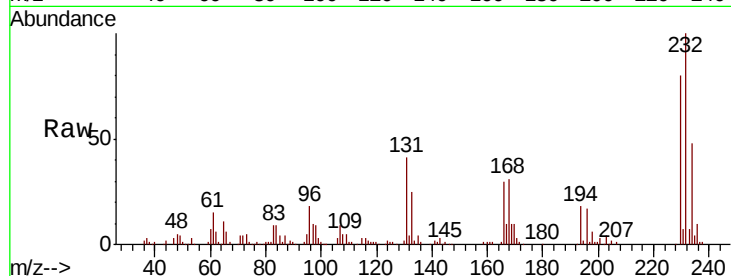
Ion Ratio Lower Upper

232 100

131 41.6 33.7 50.5

130 2.3 2.1 3.1

166 30.8 24.6 36.8

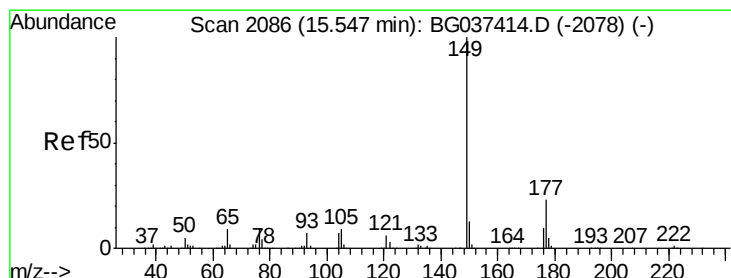
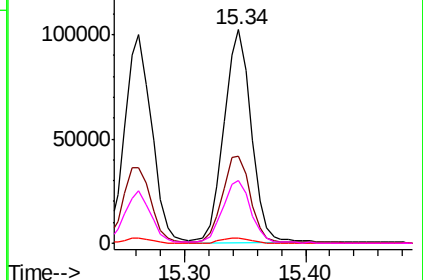
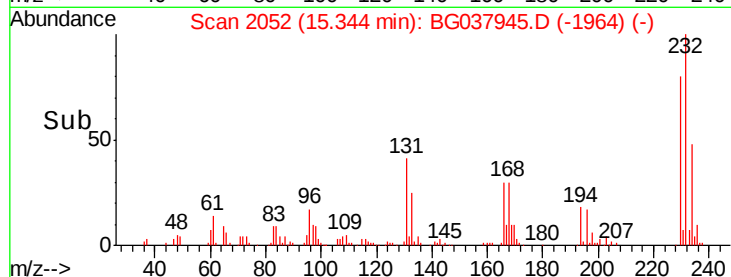


Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.424 ng

RT: 15.53 min Scan# 2083

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

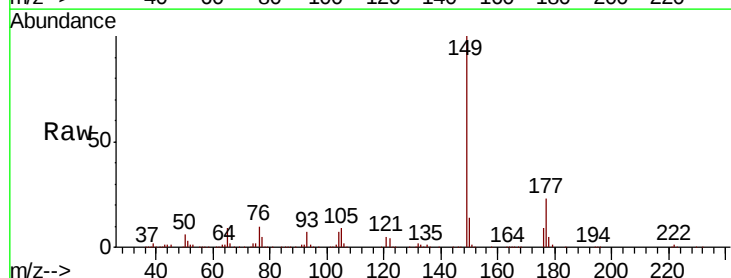
Tgt Ion:149 Resp: 598623

Ion Ratio Lower Upper

149 100

177 23.5 18.3 27.5

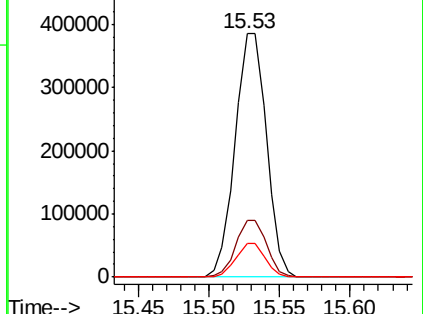
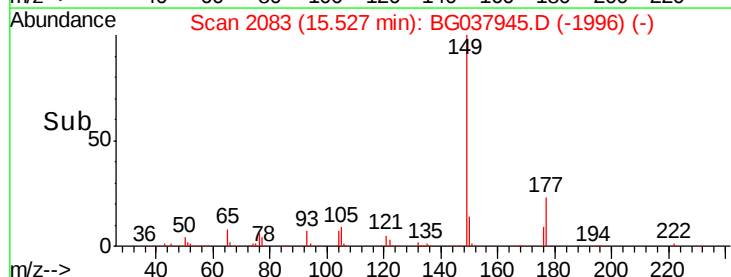
150 13.6 10.0 15.0

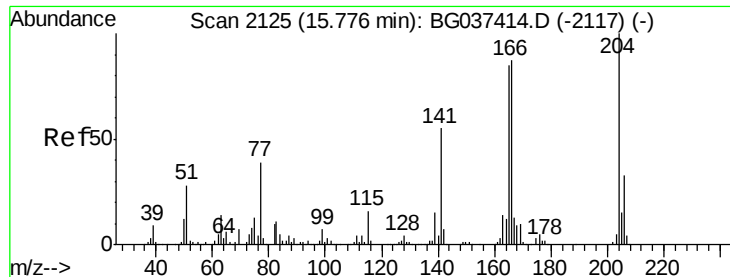


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

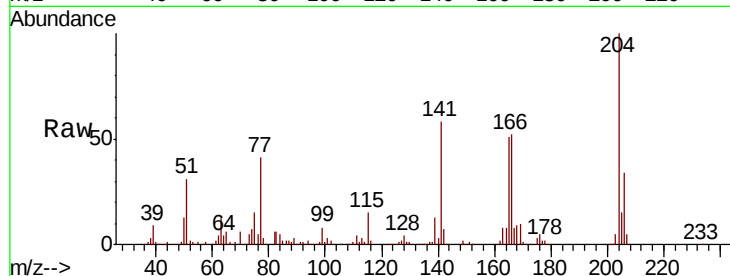




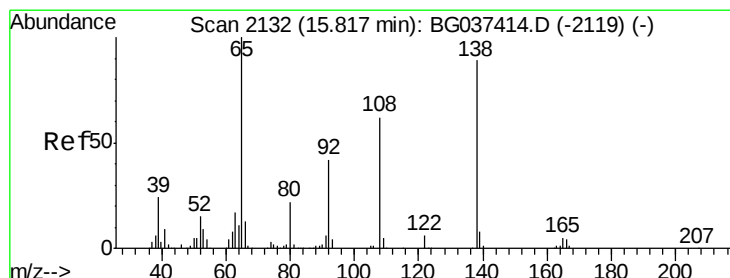
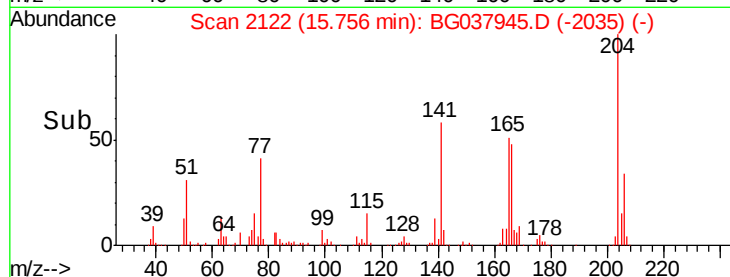
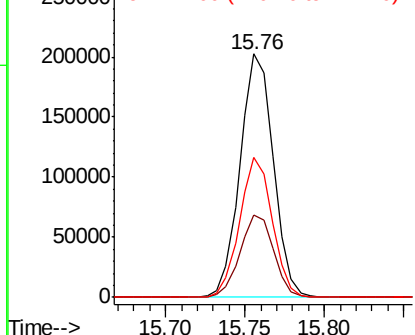
#61
4-Chlorophenyl-phenylether
Concen: 43.342 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 295381
Ion Ratio Lower Upper
204 100
206 33.8 26.6 39.8
141 57.7 45.4 68.2

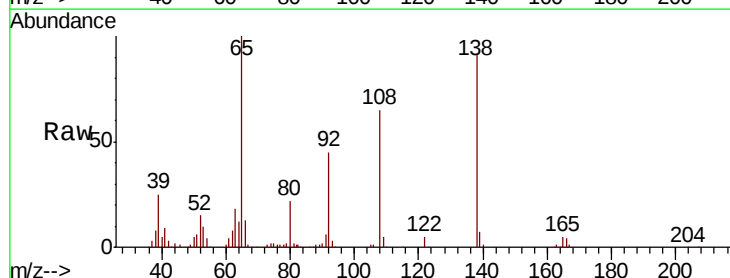


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

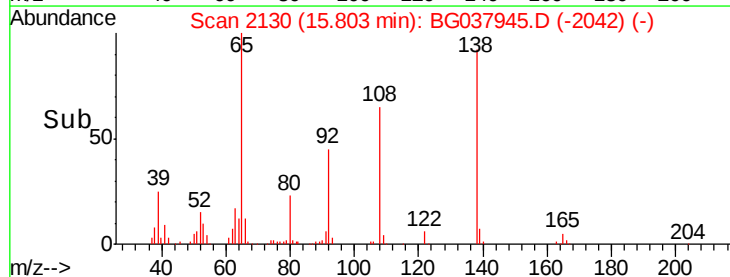
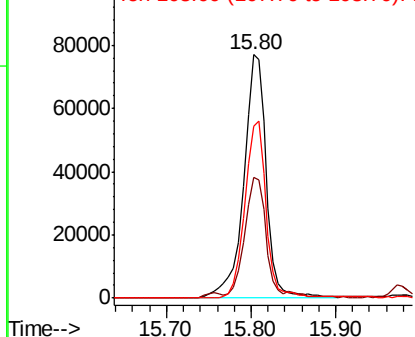


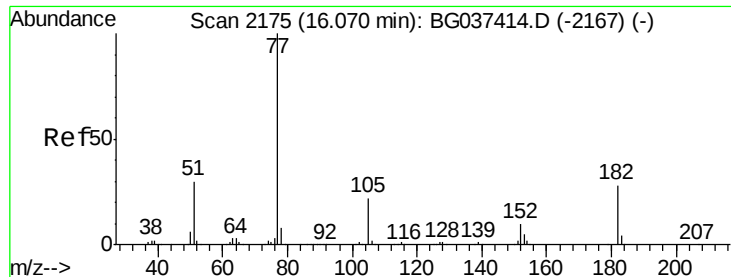
#62
4-Nitroaniline
Concen: 46.666 ng
RT: 15.80 min Scan# 2130
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:138 Resp: 143033
Ion Ratio Lower Upper
138 100
92 49.5 36.4 76.4
108 70.9 60.1 100.1



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

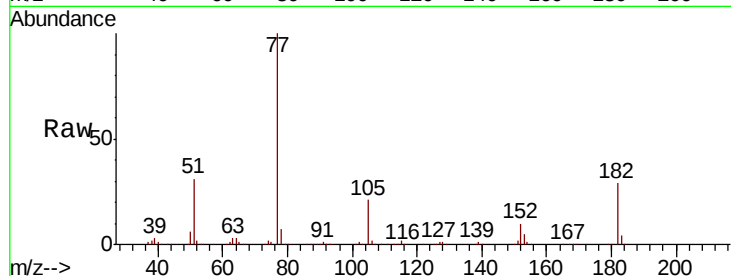




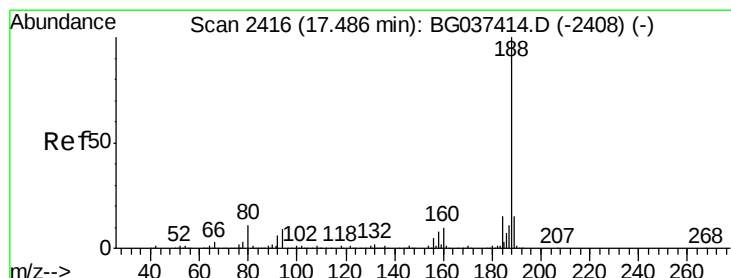
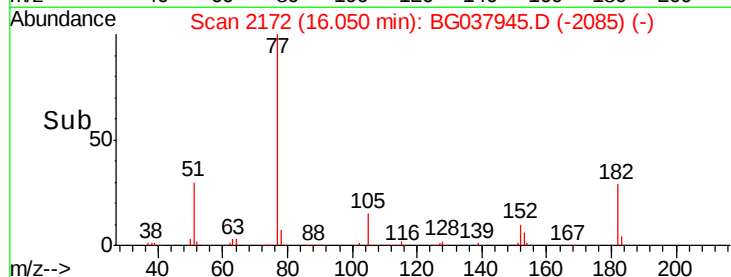
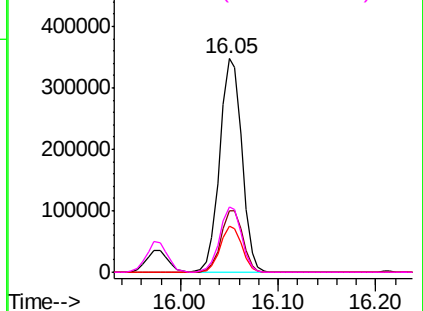
#63
Azobenzene
Concen: 44.411 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.6	8.0	48.0
105	21.4	1.3	41.3
51	30.8	10.7	50.7

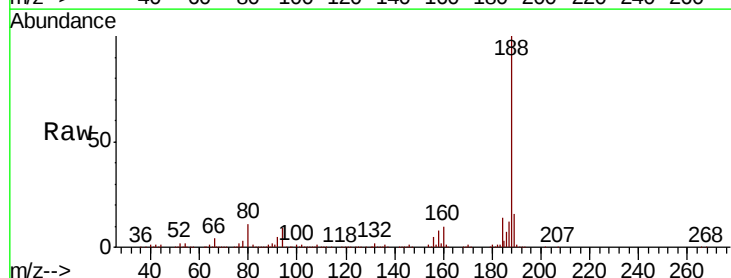


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

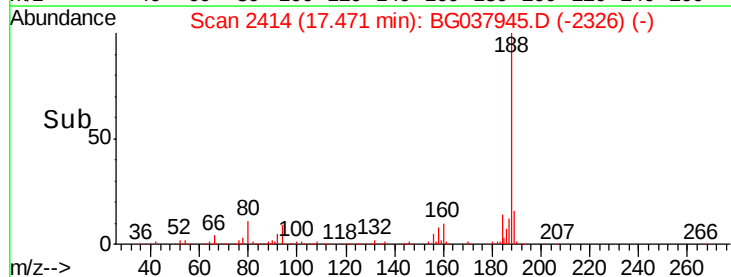
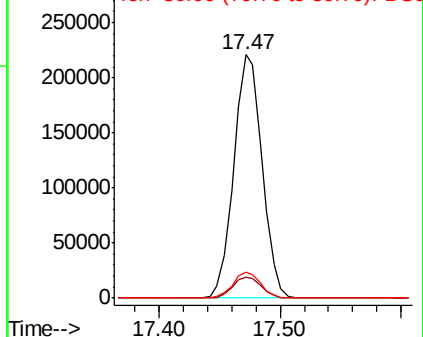


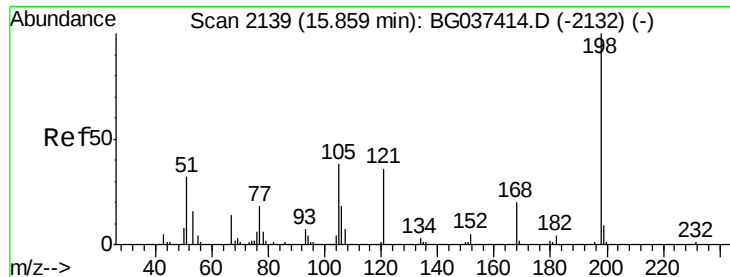
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	10.6	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: 46.463 ng

RT: 15.85 min Scan# 2138

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

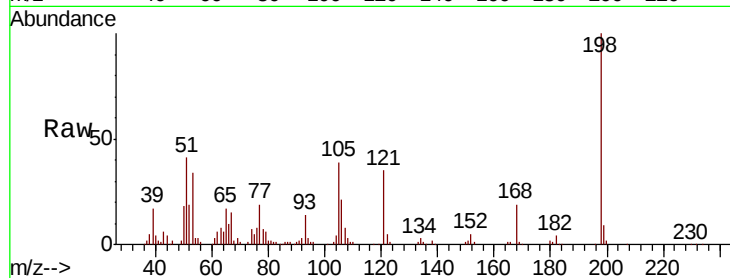
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 87295

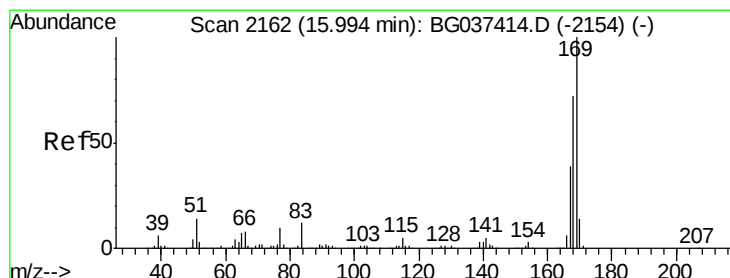
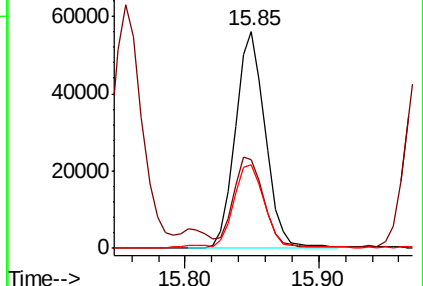
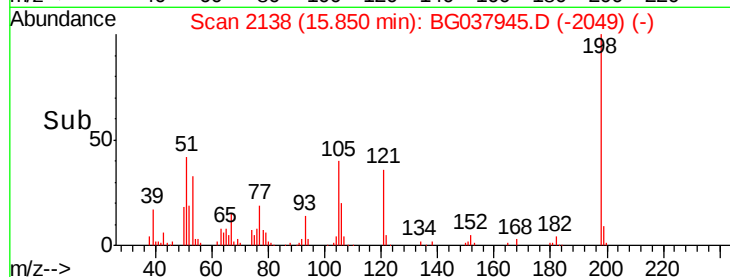
Ion	Ratio	Lower	Upper
198	100		
51	40.6	22.7	62.7
105	38.5	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG037945.D (-2049) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.308 ng

RT: 15.98 min Scan# 2160

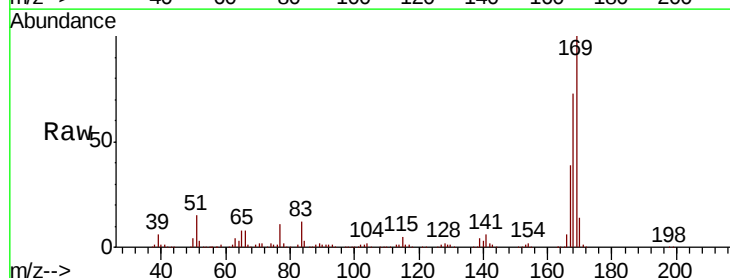
Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Tgt Ion:169 Resp: 513155

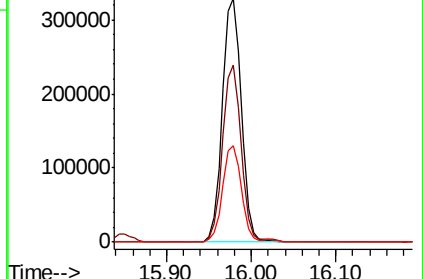
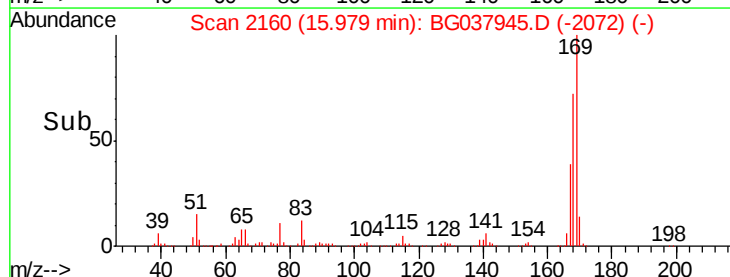
Ion	Ratio	Lower	Upper
169	100		
168	72.6	55.7	83.5
167	39.4	31.3	46.9

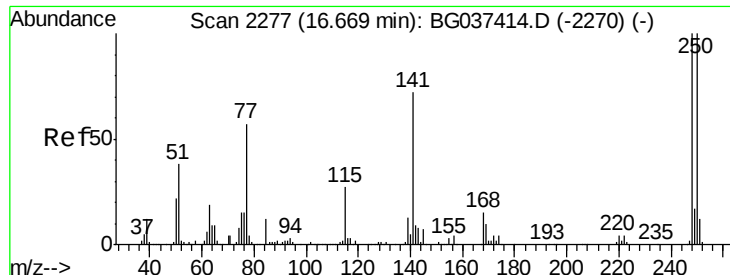


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

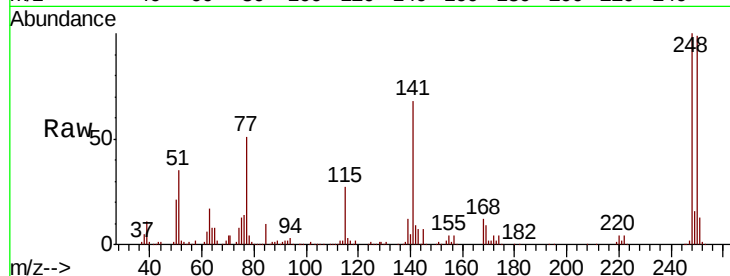




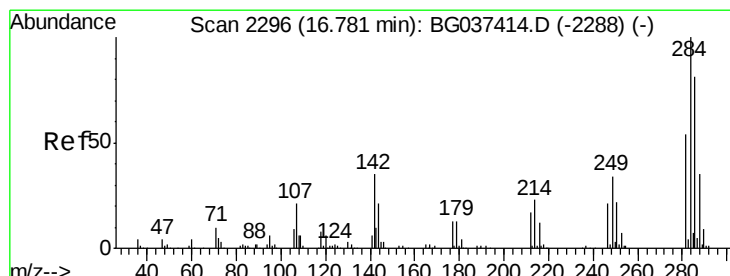
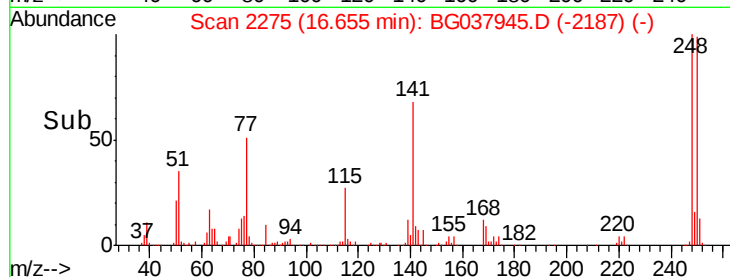
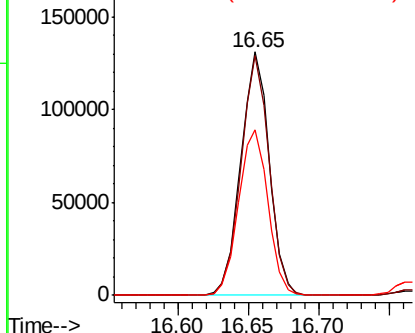
#67
 4-Bromophenyl-phenylether
 Concen: 46.645 ng
 RT: 16.65 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 184716
 Ion Ratio Lower Upper
 248 100
 250 98.7 77.0 115.6
 141 67.8 55.5 83.3

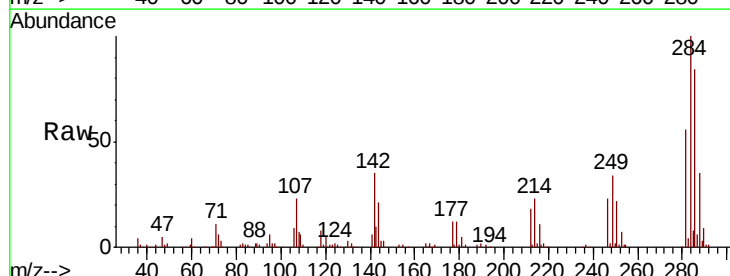


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

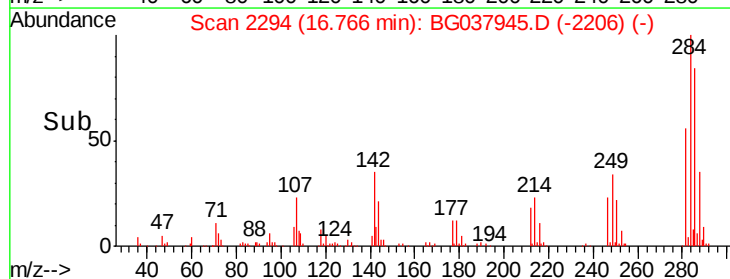
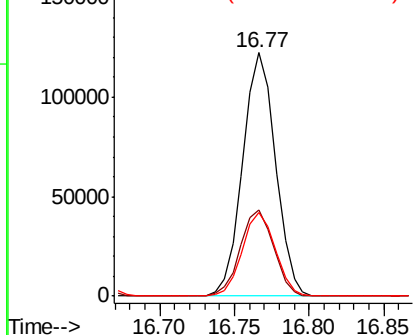


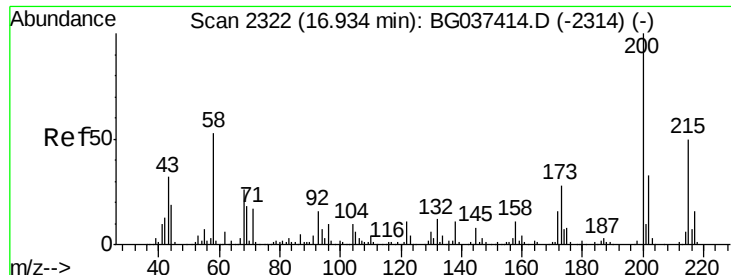
#68
 Hexachlorobenzene
 Concen: 45.389 ng
 RT: 16.77 min Scan# 2294
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion:284 Resp: 186288
 Ion Ratio Lower Upper
 284 100
 142 35.3 28.1 42.1
 249 36.8 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

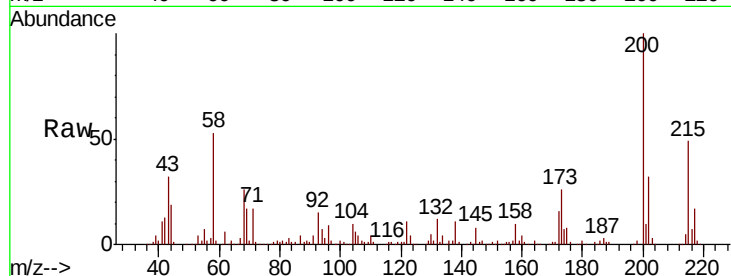




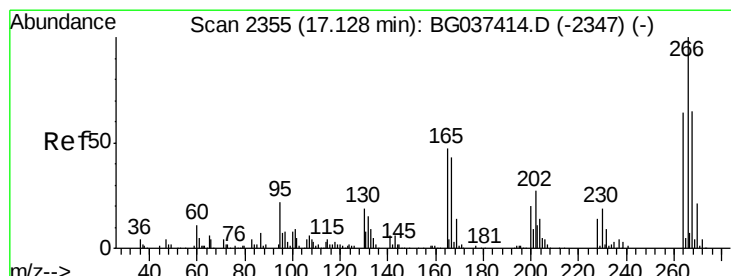
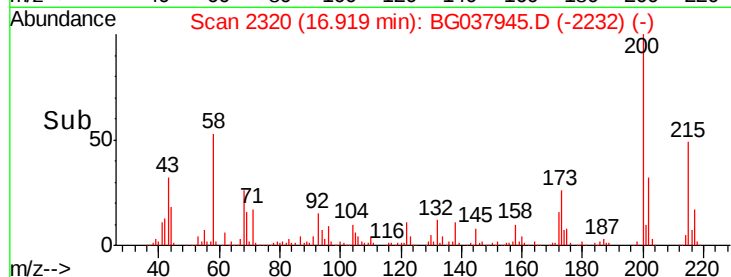
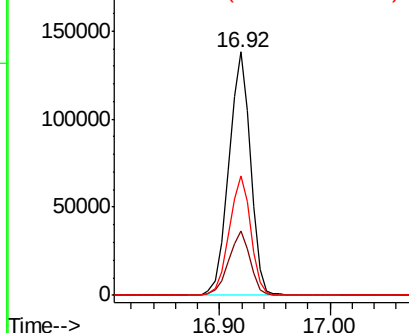
#69
Atrazine
Concen: 48.344 ng
RT: 16.92 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampleId :

Tot Ion:200 Resp: 189597
Ion Ratio Lower Upper
200 100
173 26.2 6.1 46.1
215 49.1 30.8 70.8

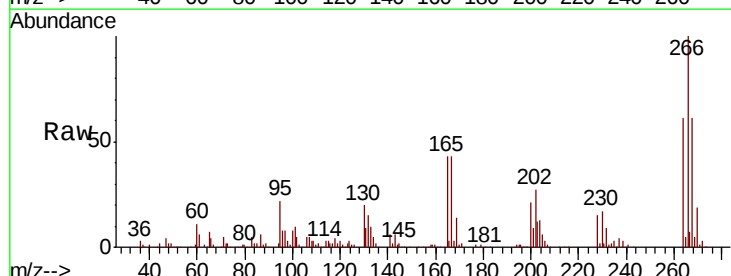


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

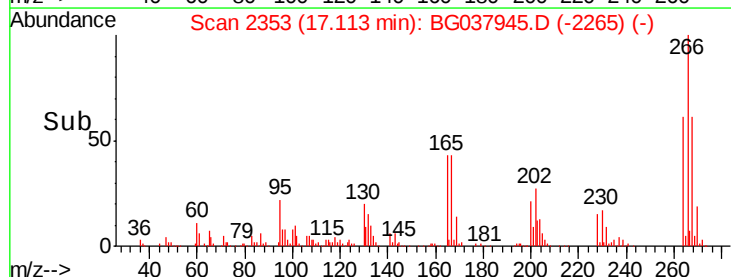
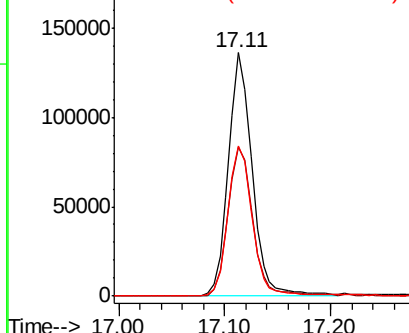


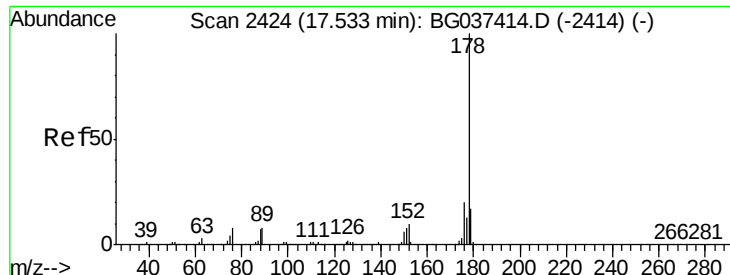
#70
Pentachlorophenol
Concen: 77.475 ng
RT: 17.11 min Scan# 2353
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:266 Resp: 212990
Ion Ratio Lower Upper
266 100
268 65.7 55.0 82.6
264 66.4 58.9 88.3



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

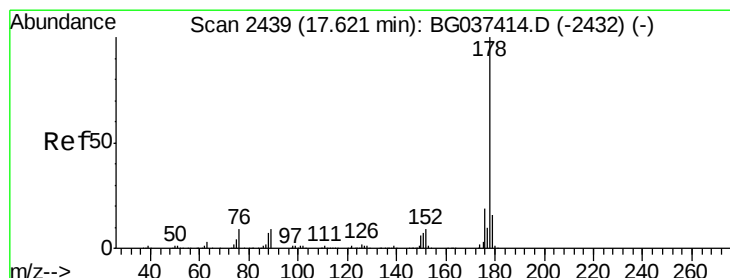
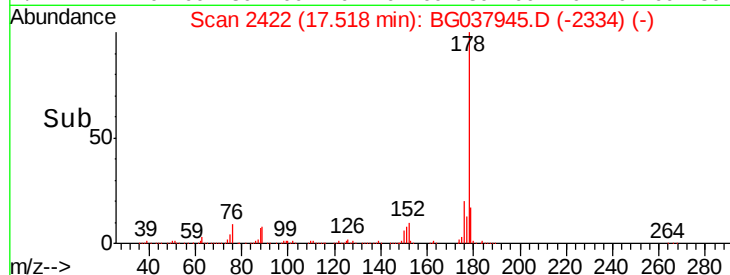
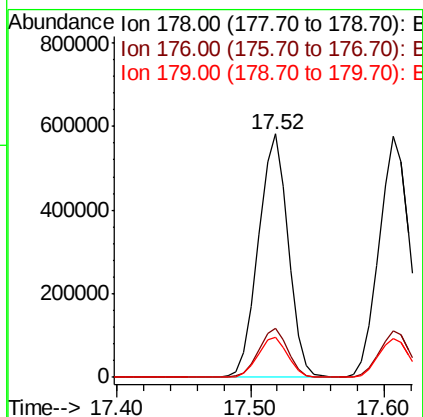
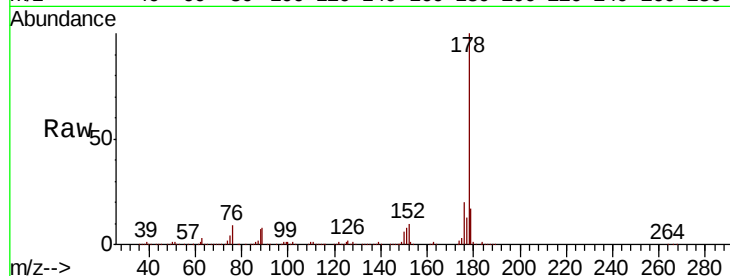




#71
Phenanthrene
Concen: 48.838 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

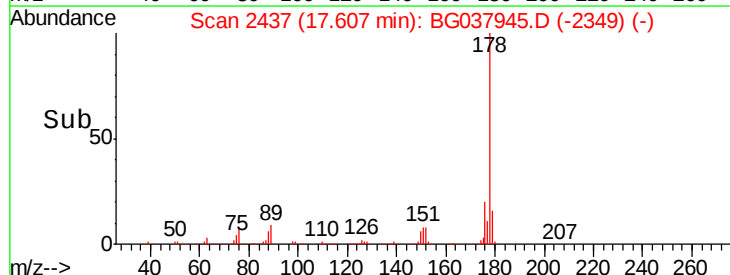
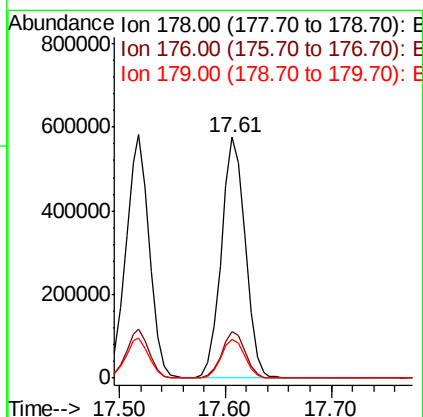
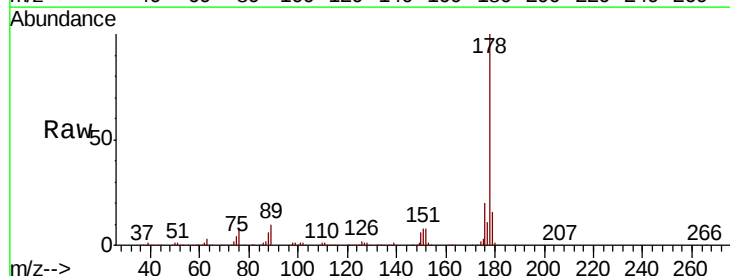
Instrument :
BNA_G
ClientSampleId :

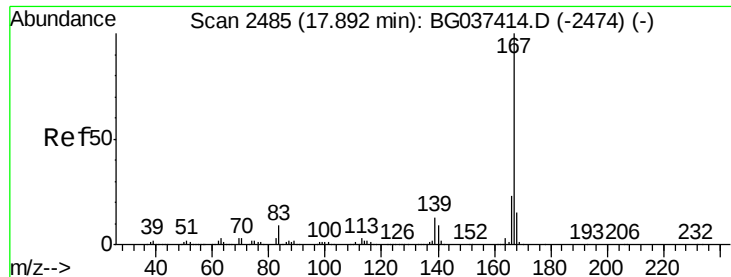
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.1	24.1
179	16.7	13.0	19.4



#72
Anthracene
Concen: 50.204 ng
RT: 17.61 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.0	22.4
179	16.2	12.8	19.2

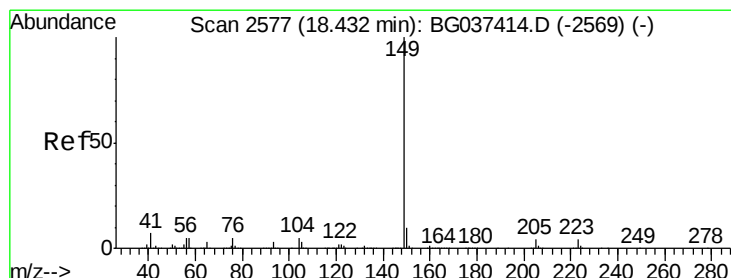
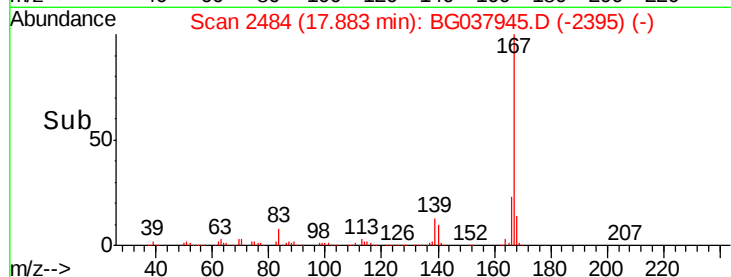
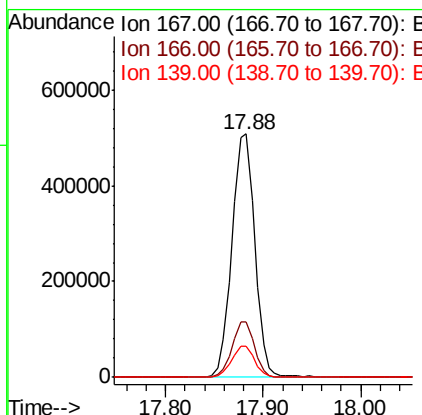
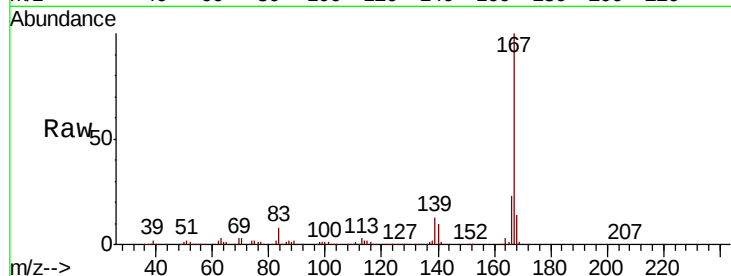




#73
 Carbazole
 Concen: 46.114 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.01 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

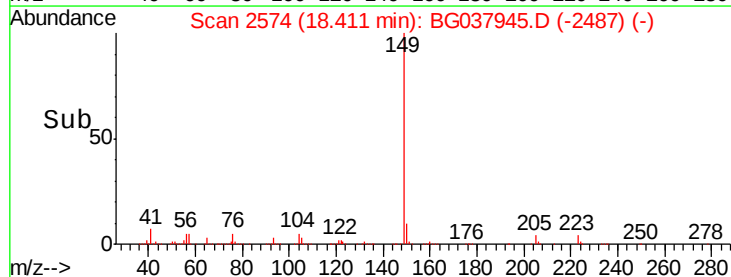
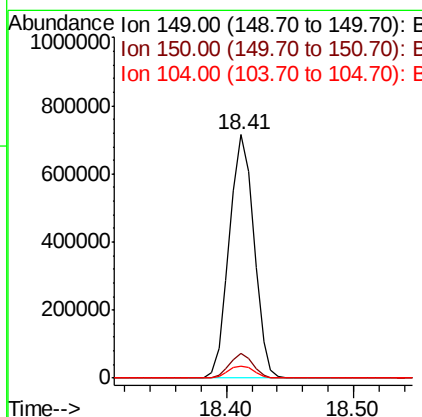
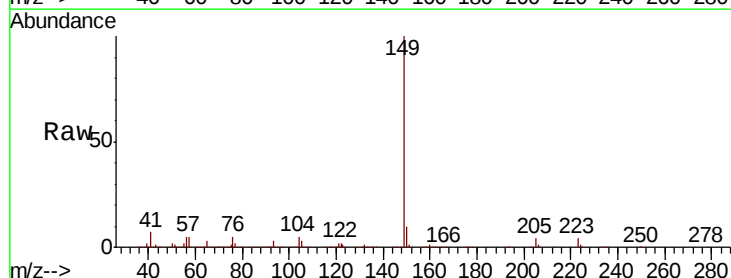
Instrument :
 BNA_G
 ClientSampleId :

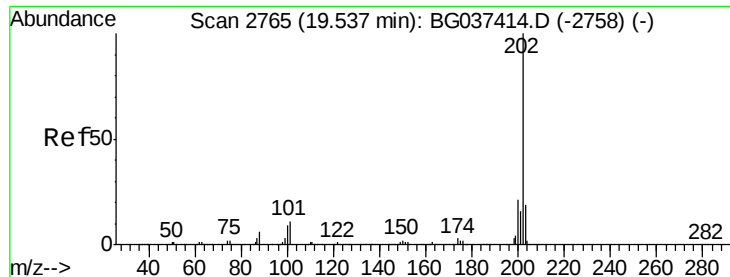
Tot Ion:167 Resp: 829630
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.3 27.5
 139 12.6 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 48.154 ng
 RT: 18.41 min Scan# 2574
 Delta R.T. -0.02 min
 Lab File: BG037945.D
 Acq: 12 Nov 2018 15:29

Tgt Ion:149 Resp: 963729
 Ion Ratio Lower Upper
 149 100
 150 10.1 8.2 12.2
 104 5.1 4.0 6.0





#75

Fluoranthene

Concen: 49.451 ng

RT: 19.52 min Scan# 2763

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

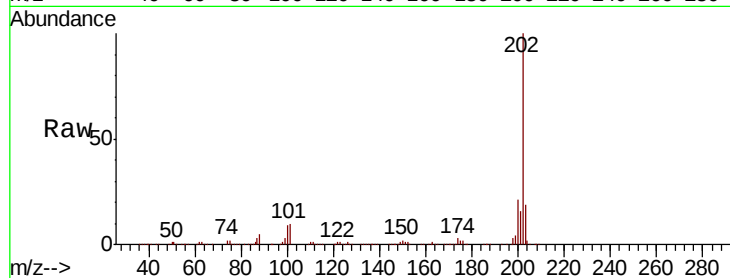
Tot Ion:202 Resp: 1027914

Ion Ratio Lower Upper

202 100

101 10.5 0.0 30.7

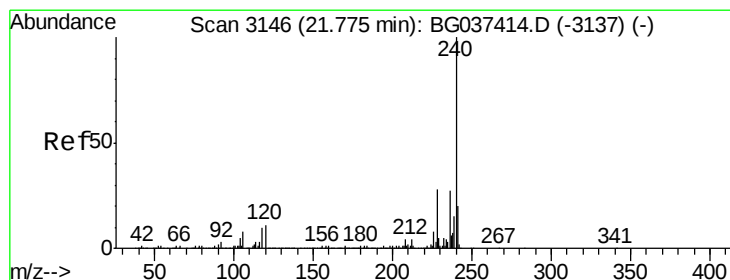
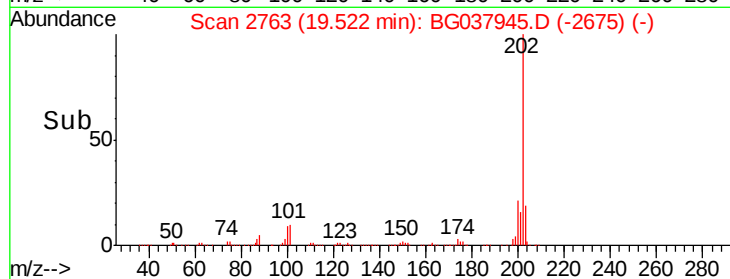
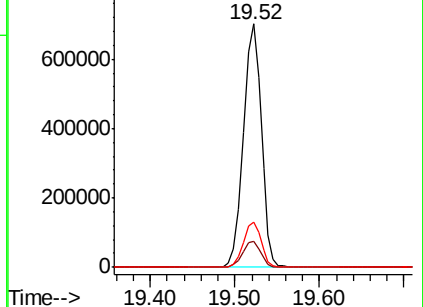
203 18.6 0.0 38.5



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. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

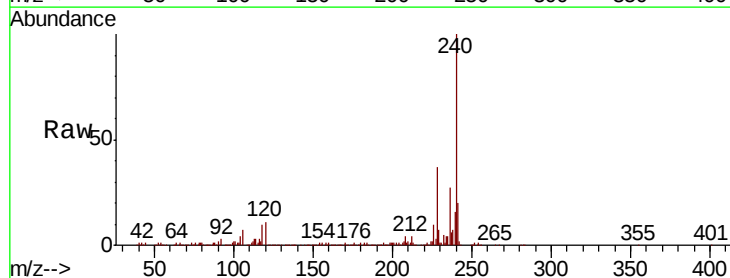
Tgt Ion:240 Resp: 320522

Ion Ratio Lower Upper

240 100

120 10.7 8.1 12.1

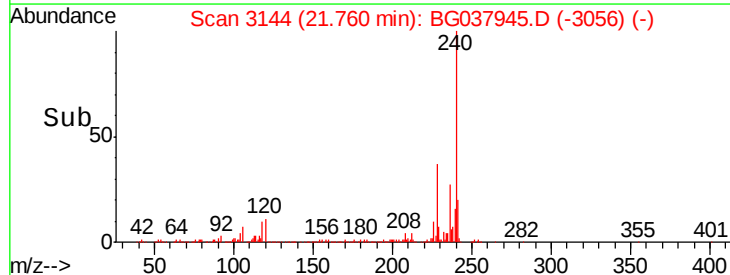
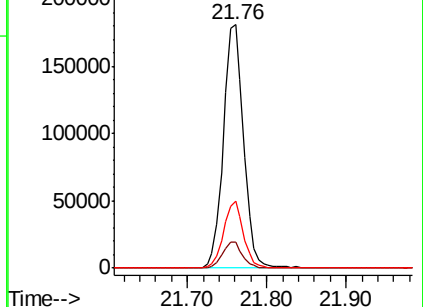
236 27.4 21.4 32.0



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

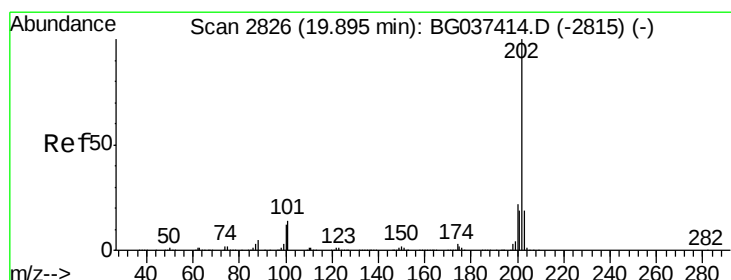
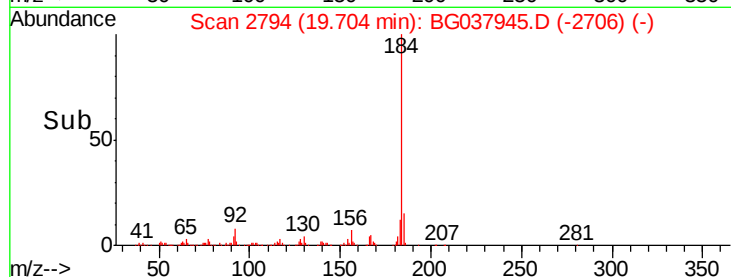
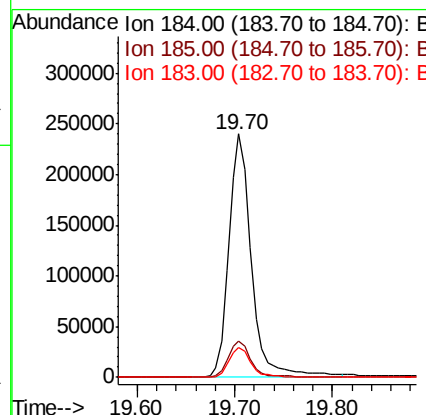
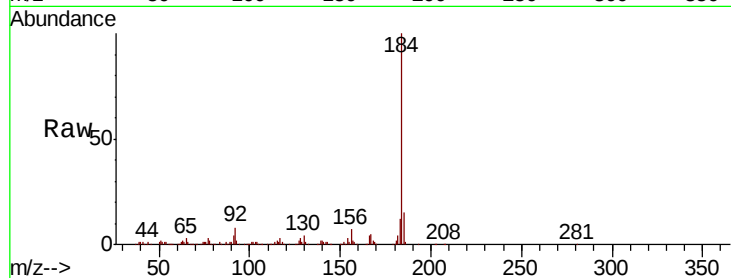




#77
Benzidine
Concen: 35.285 ng
RT: 19.70 min Scan# 2794
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

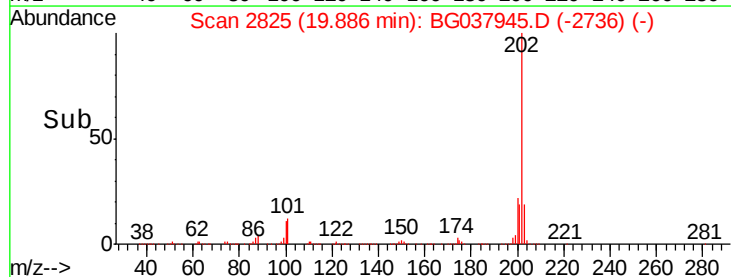
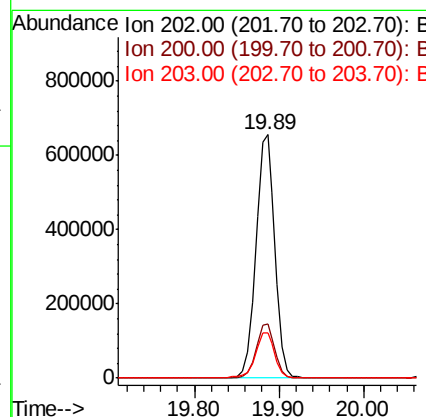
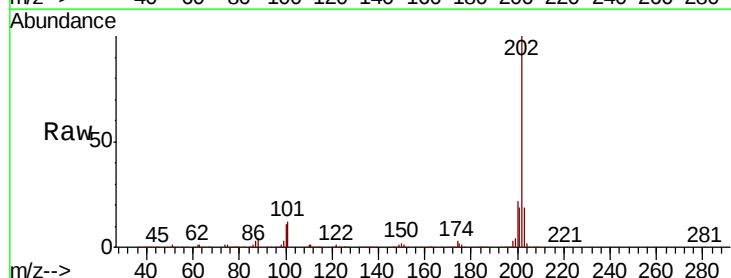
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.1	12.6	18.8
183	12.5	10.2	15.2



#78
Pyrene
Concen: 48.961 ng
RT: 19.89 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.5	17.8	26.6
203	18.6	15.2	22.8





#79

Terphenyl-d14

Concen: 89.973 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

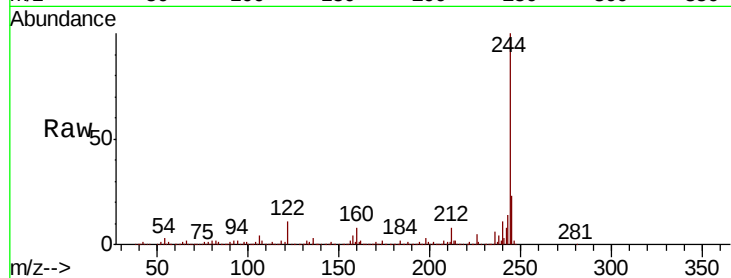
Tot Ion:244 Resp: 1349631

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

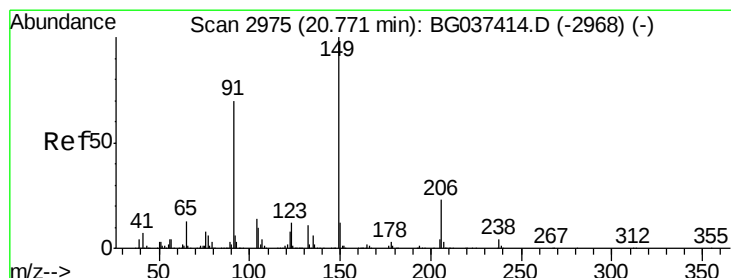
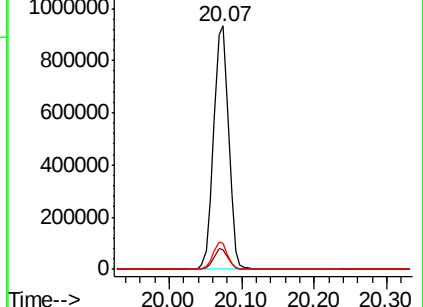
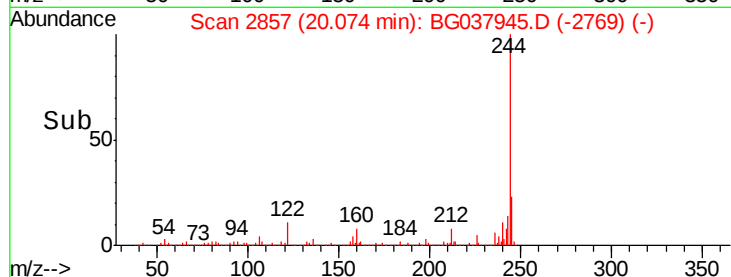
122 10.6 9.0 13.4



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: 51.118 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.02 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

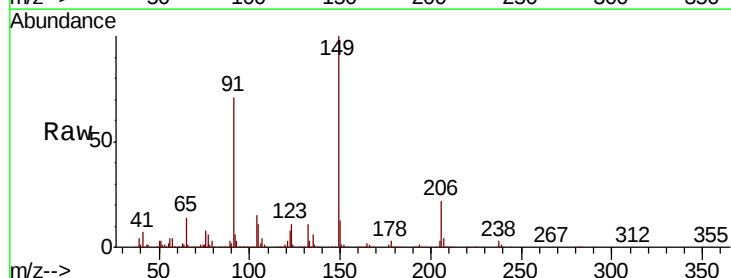
Tgt Ion:149 Resp: 438348

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

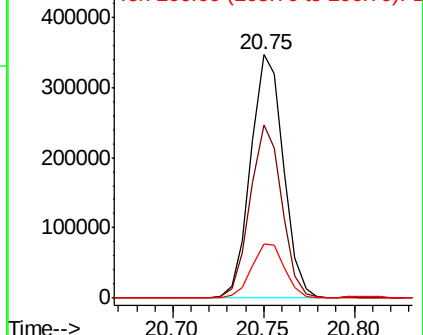
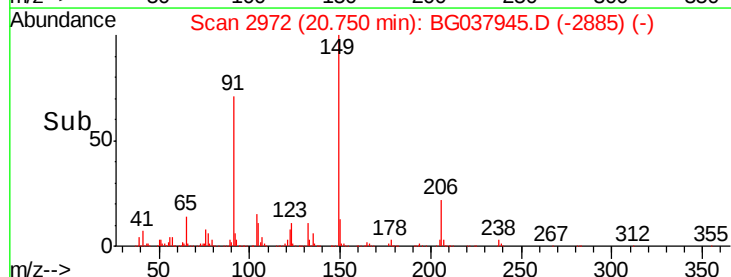
206 22.2 17.8 26.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

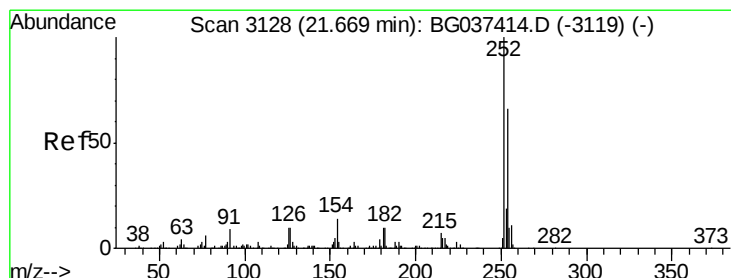
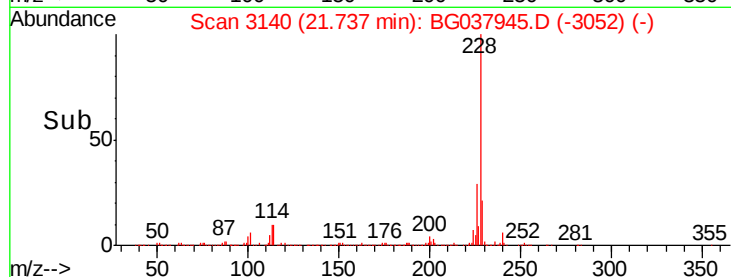
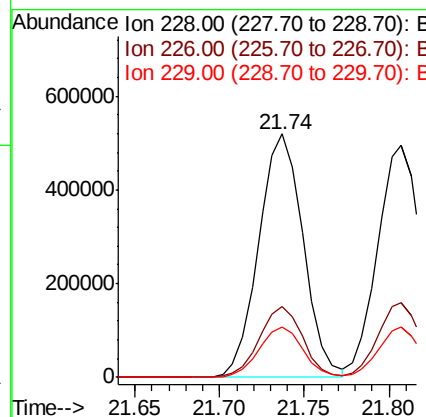
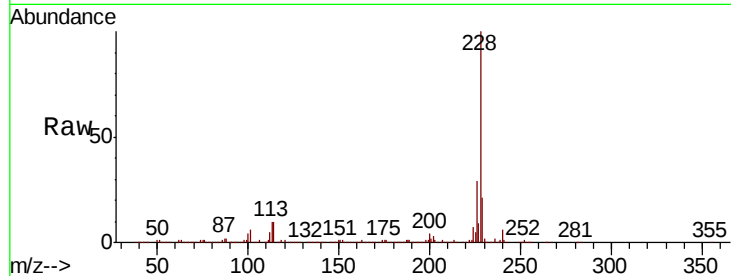




#81
Benzo(a)anthracene
Concen: 50.017 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

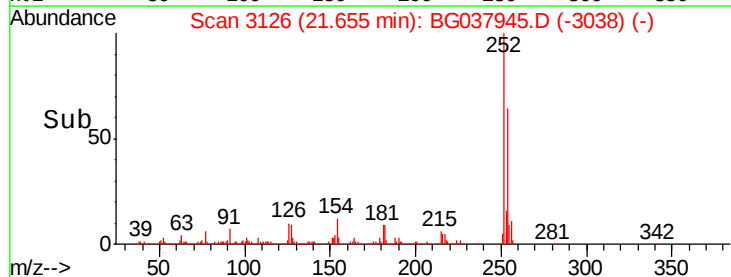
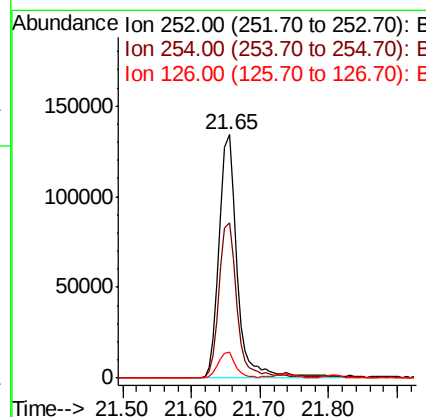
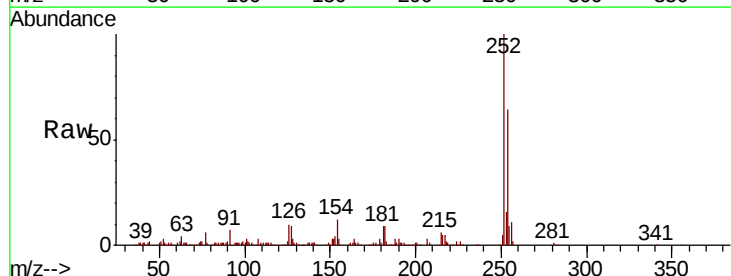
Instrument :
BNA_G
ClientSampleId :

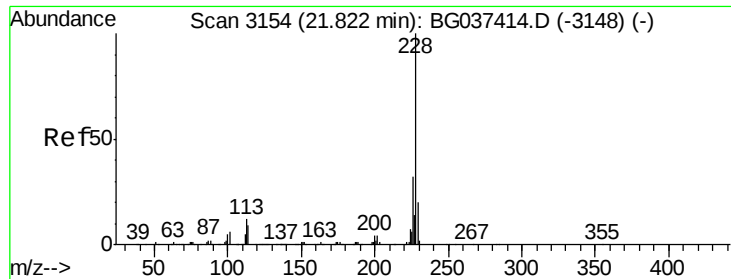
Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	22.6	33.8
229	20.9	16.3	24.5



#82
3,3'-Dichlorobenzidine
Concen: 33.656 ng
RT: 21.65 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.0	52.0	78.0
126	10.4	8.2	12.4





#83

Chrysene

Concen: 48.445 ng

RT: 21.81 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

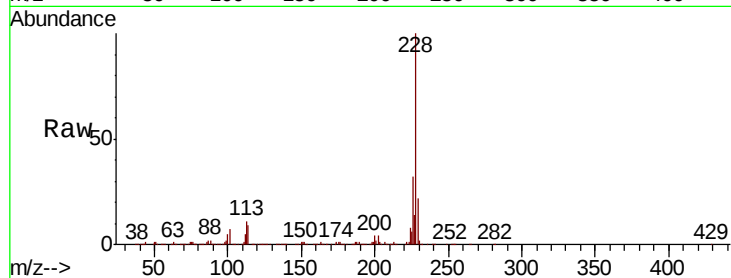
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 883150

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.7	38.5
229	21.7	16.5	24.7

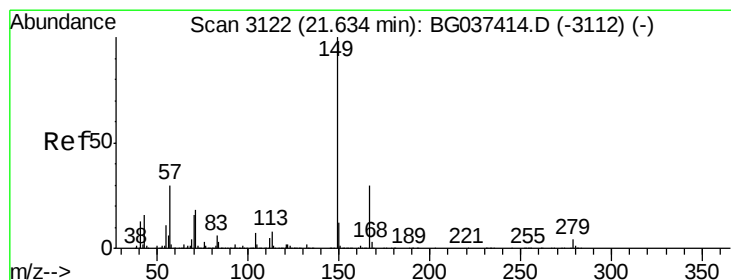
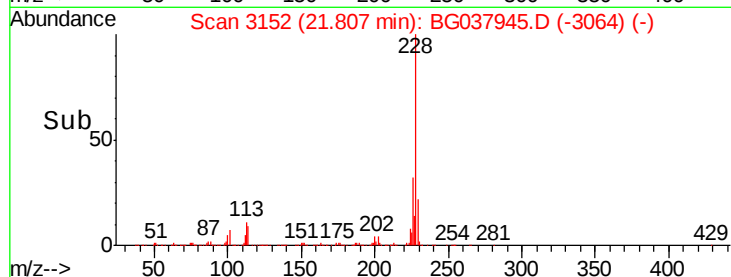
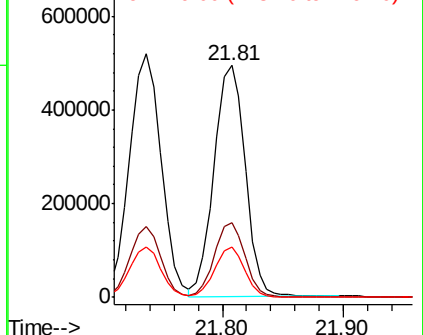


Abundance

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: 52.065 ng

RT: 21.61 min Scan# 3118

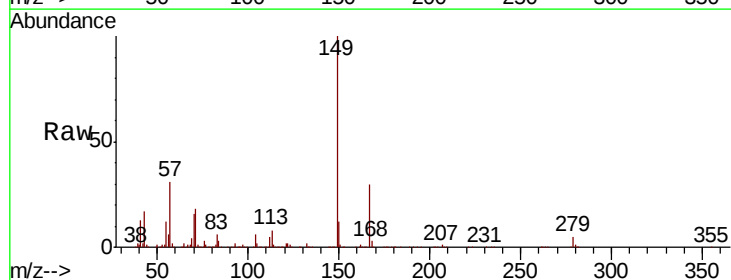
Delta R.T. -0.03 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Tgt Ion:149 Resp: 625817

Ion	Ratio	Lower	Upper
149	100		
167	29.5	23.0	34.4
279	4.5	3.6	5.4

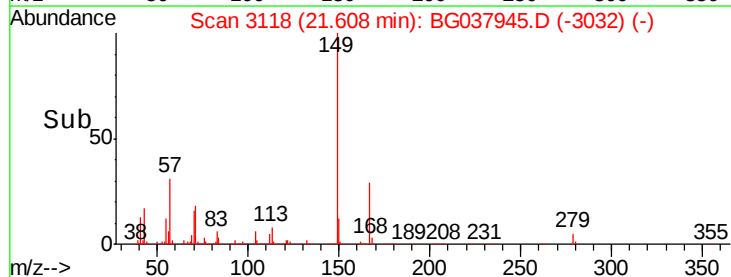
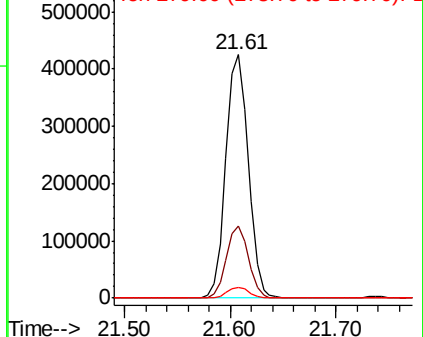


Abundance

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: 54.103 ng

RT: 22.85 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

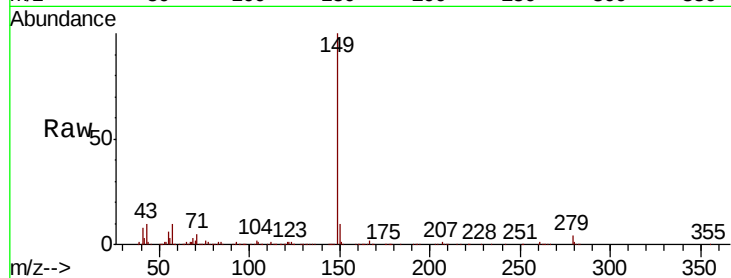
Tot Ion:149 Resp: 1060455

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

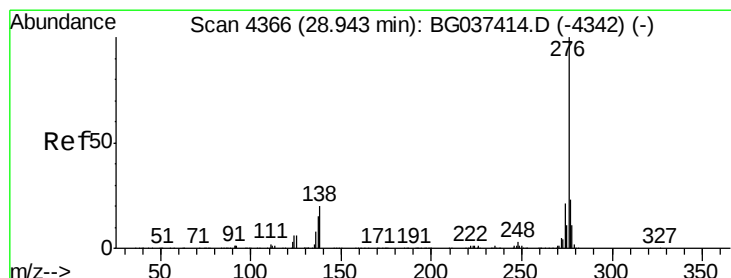
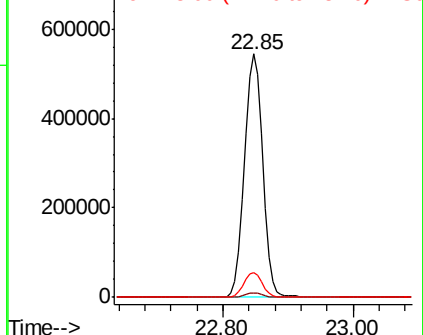
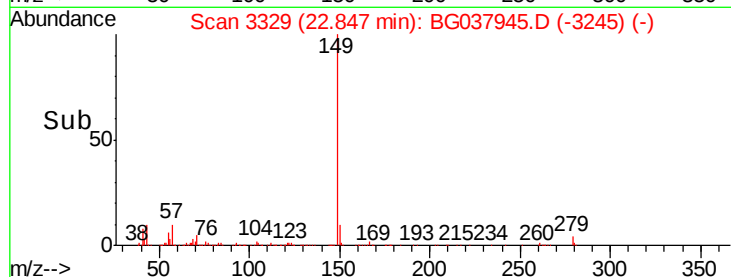
43 10.1 8.7 13.1



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: 44.319 ng

RT: 28.89 min Scan# 4357

Delta R.T. -0.06 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

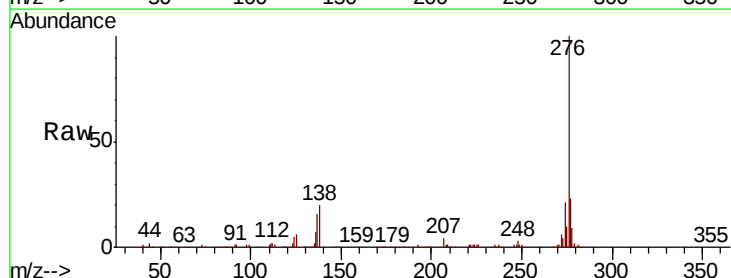
Tgt Ion:276 Resp: 866568

Ion Ratio Lower Upper

276 100

138 14.2 12.0 18.0

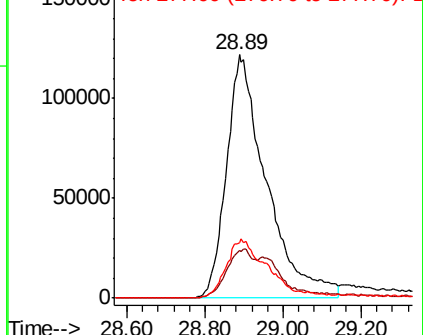
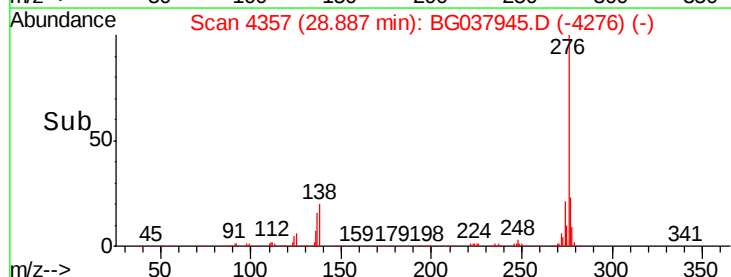
277 25.2 20.6 30.8

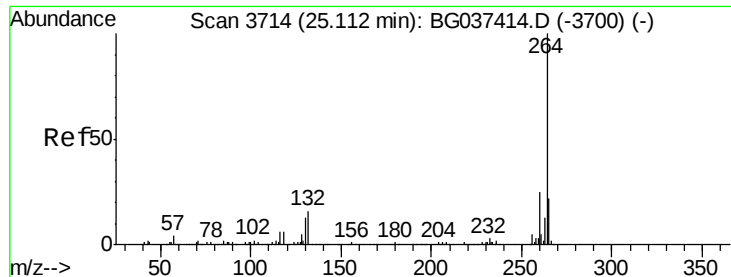


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



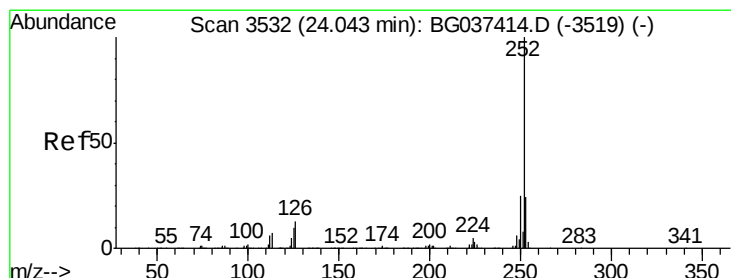
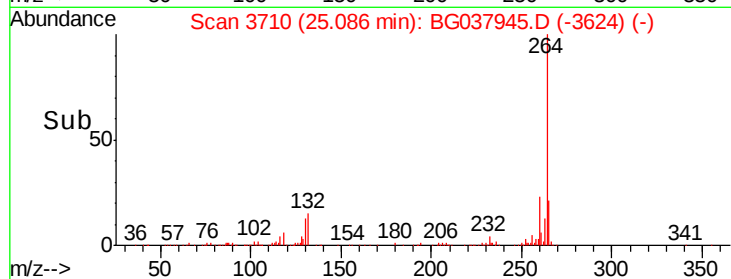
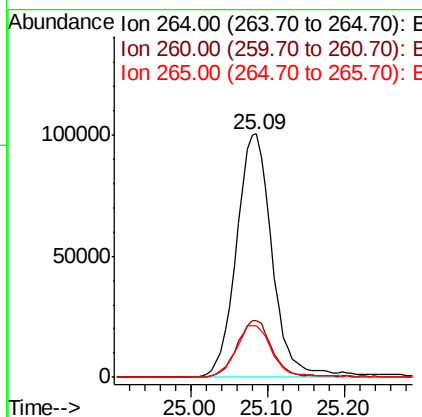
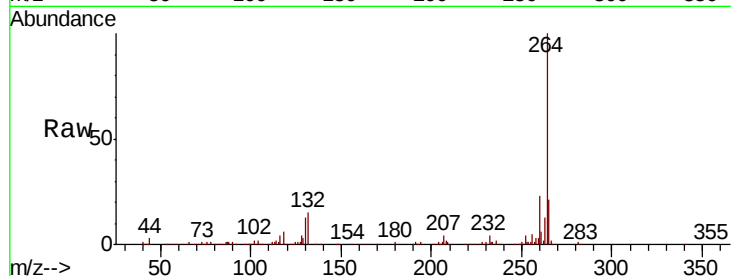


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3710
Delta R.T. -0.03 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 323899

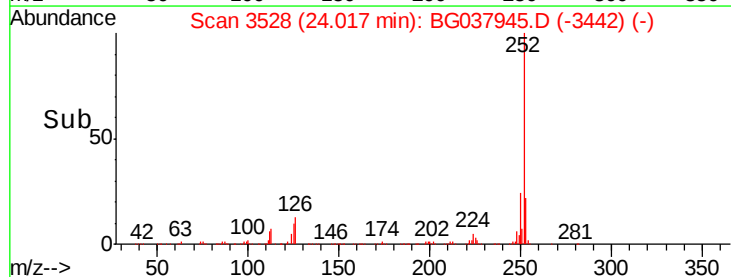
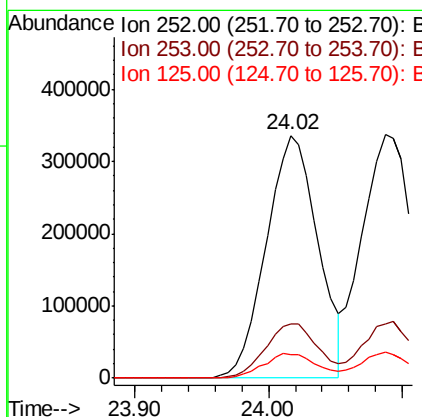
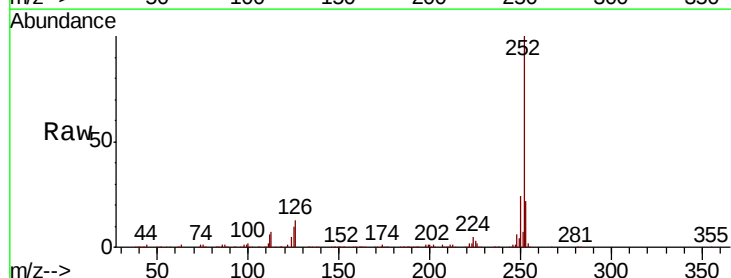
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.9	17.9	26.9

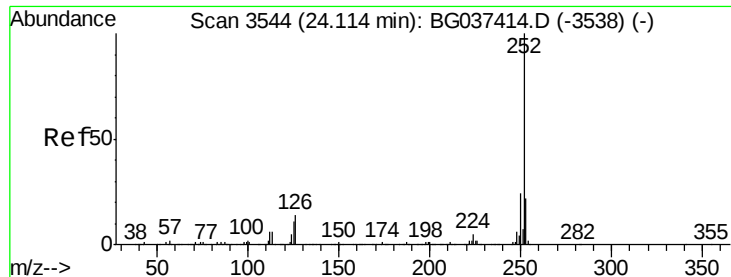


#88
Benzo(b)fluoranthene
Concen: 50.830 ng
RT: 24.02 min Scan# 3528
Delta R.T. -0.03 min
Lab File: BG037945.D
Acq: 12 Nov 2018 15:29

Tgt Ion:252 Resp: 902613

Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	9.8	7.8	11.6





#89

Benzo(k)fluoranthene

Concen: 51.896 ng

RT: 24.09 min Scan# 3540

Delta R.T. -0.03 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampled :

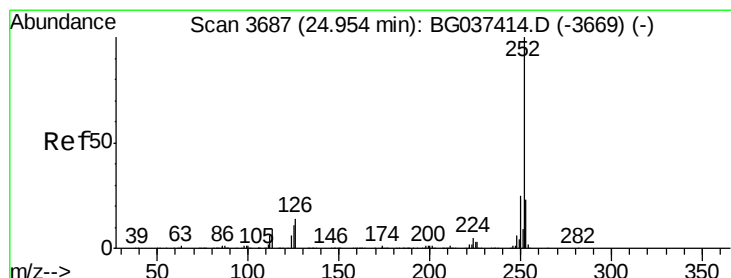
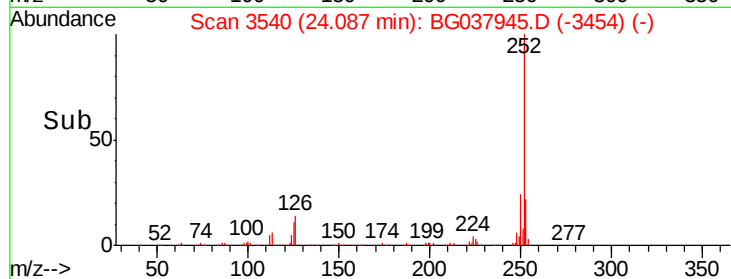
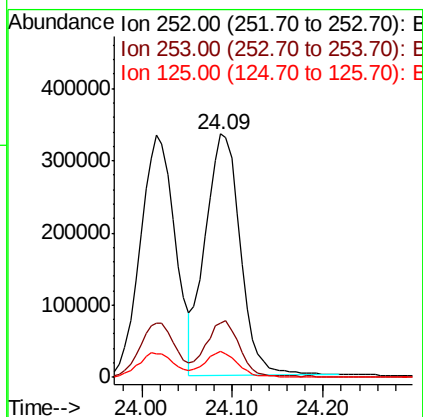
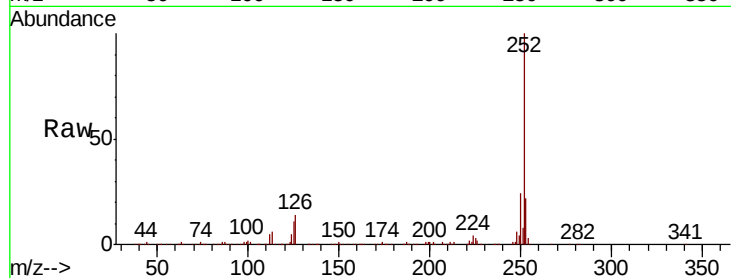
Tot Ion:252 Resp: 902852

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 10.5 7.4 11.0



#90

Benzo(a)pyrene

Concen: 52.127 ng

RT: 24.92 min Scan# 3682

Delta R.T. -0.03 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

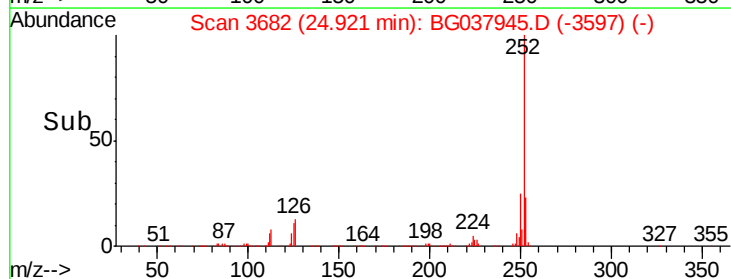
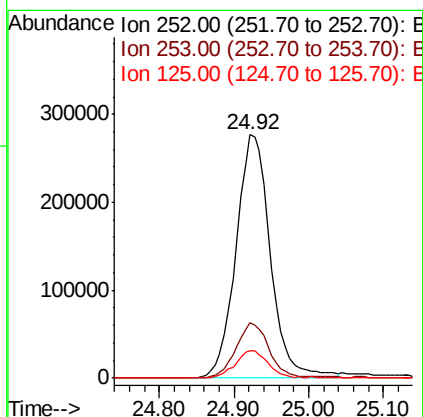
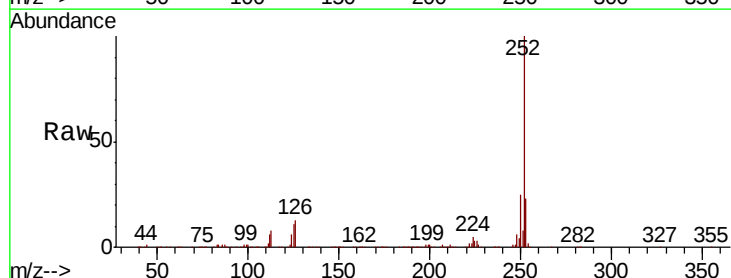
Tgt Ion:252 Resp: 879573

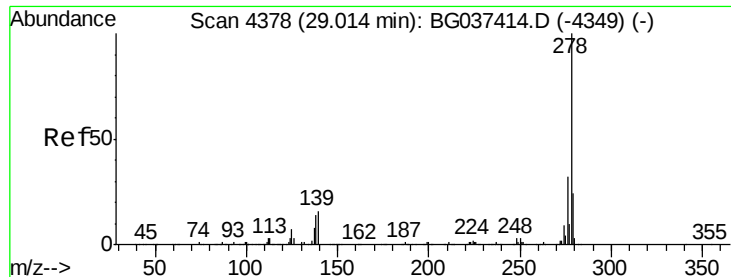
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 11.3 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 43.559 ng

RT: 28.96 min Scan# 4369

Delta R.T. -0.06 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Instrument :

BNA_G

ClientSampleId :

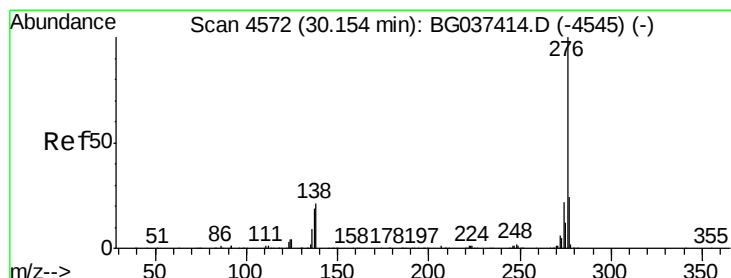
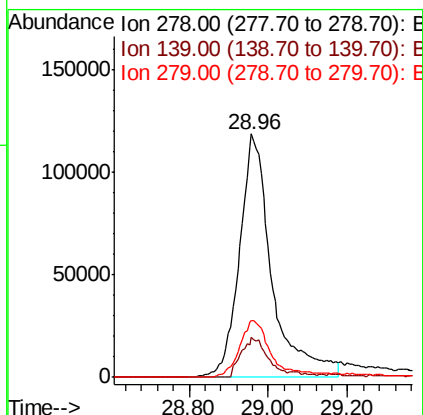
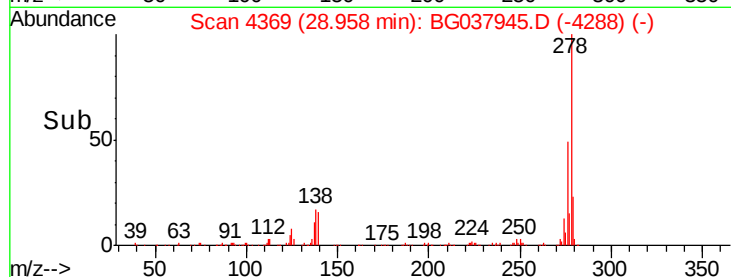
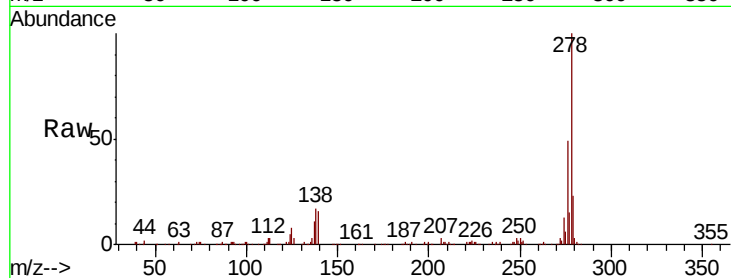
Tot Ion:278 Resp: 677976

Ion Ratio Lower Upper

278 100

139 16.4 11.5 17.3

279 23.5 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 46.259 ng

RT: 30.10 min Scan# 4563

Delta R.T. -0.06 min

Lab File: BG037945.D

Acq: 12 Nov 2018 15:29

Tgt Ion:276 Resp: 728435

Ion Ratio Lower Upper

276 100

277 22.9 18.9 28.3

138 23.0 17.2 25.8

