

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
 Data File : BG037385.D
 Acq On : 17 Oct 2018 10:50
 Operator : JU/SJ
 Sample : PB113906BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Quant Time: Oct 17 12:05:33 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 11 13:59:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59227	20.00	ng	-0.01
21) Naphthalene-d8	10.93	136	282199	20.00	ng	-0.02
39) Acenaphthene-d10	14.75	164	190698	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	468661	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	429229	20.00	ng	-0.02
87) Perylene-d12	25.12	264	441376	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.65	112	539128	160.20	ng	0.00
7) Phenol-d6	7.25	99	757407	148.28	ng	0.00
23) Nitrobenzene-d5	9.29	82	422689	98.48	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	280075	149.76	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	1038613	81.79	ng	-0.01
79) Terphenyl-d14	20.09	244	1595849	78.07	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.53	88	54178	28.664	ng	97
3) Pyridine	3.93	79	152193	33.914	ng	95
4) n-Nitrosodimethylamine	3.85	42	71809	41.205	ng	# 90
6) Aniline	7.44	93	239204	35.773	ng	98
8) 2-Chlorophenol	7.67	128	193800	49.204	ng	96
9) Benzaldehyde	7.25	77	59166	16.824	ng	97
10) Phenol	7.28	94	262536	48.800	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	177162	40.309	ng	96
12) 1,3-Dichlorobenzene	7.99	146	180043	38.884	ng	98
13) 1,4-Dichlorobenzene	8.15	146	186124	39.703	ng	99
14) 1,2-Dichlorobenzene	8.46	146	179947	39.613	ng	98
15) Benzyl Alcohol	8.35	79	178933	44.783	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	321162	36.963	ng	97
17) 2-Methylphenol	8.54	107	177872	49.367	ng	97
18) Hexachloroethane	9.20	117	65496	40.935	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	147899	38.243	ng	97
20) 3+4-Methylphenols	8.87	107	246457	48.920	ng	99
22) Acetophenone	8.94	105	280026	39.364	ng	98
24) Nitrobenzene	9.33	77	212996	46.329	ng	95
25) Isophorone	9.85	82	435080	44.401	ng	96
26) 2-Nitrophenol	10.05	139	101600	56.465	ng	93
27) 2,4-Dimethylphenol	10.09	122	213139	52.040	ng	96
28) bis(2-Chloroethoxy)methane	10.33	93	259972	42.406	ng	97
29) 2,4-Dichlorophenol	10.57	162	210802	50.703	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	200011	39.534	ng	93
31) Naphthalene	10.99	128	590004	43.020	ng	100
32) Benzoic acid	10.20	122	102499	45.323	ng	99
33) 4-Chloroaniline	11.09	127	176588	27.448	ng	97
34) Hexachlorobutadiene	11.25	225	114809	36.543	ng	97
35) Caprolactam	11.88	113	80328	47.393	ng	96
36) 4-Chloro-3-methylphenol	12.20	107	234596	47.778	ng	98
37) 2-Methylnaphthalene	12.58	142	455594	45.520	ng	99
38) 1-Methylnaphthalene	12.80	142	433034	44.299	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	227962	36.913	ng	98

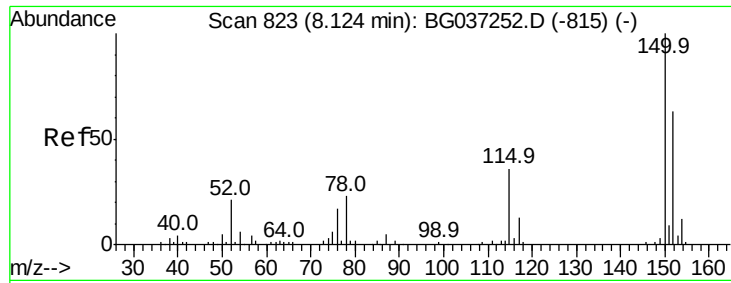
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	280456	110.160	ng	99
43) 2,4,6-Trichlorophenol	13.18	196	180257	50.315	ng	99
44) 2,4,5-Trichlorophenol	13.25	196	195308	50.669	ng	96
46) 1,1'-Biphenyl	13.58	154	591943	37.734	ng	100
47) 2-Chloronaphthalene	13.63	162	467528	39.456	ng	98
48) 2-Nitroaniline	13.83	65	153076	47.719	ng	96
49) Acenaphthylene	14.48	152	782262	43.156	ng	100
50) Dimethylphthalate	14.20	163	626395	41.797	ng	100
51) 2,6-Dinitrotoluene	14.32	165	138705	47.683	ng	96
52) Acenaphthene	14.81	154	454740	40.615	ng	98
53) 3-Nitroaniline	14.66	138	118548	37.808	ng	# 95
54) 2,4-Dinitrophenol	14.86	184	47576	63.443	ng	93
55) Dibenzofuran	15.15	168	735867	40.504	ng	99
56) 4-Nitrophenol	14.95	139	231809	94.842	ng	96
57) 2,4-Dinitrotoluene	15.10	165	191837	51.616	ng	# 98
58) Fluorene	15.79	166	598051	43.526	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	171445	50.237	ng	98
60) Diethylphthalate	15.55	149	639671	41.186	ng	99
61) 4-Chlorophenyl-phenylether	15.78	204	312994	38.971	ng	98
62) 4-Nitroaniline	15.82	138	155202	47.158	ng	92
63) Azobenzene	16.07	77	594816	39.945	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	63044	43.599	ng	97
66) n-Nitrosodiphenylamine	16.00	169	549333	39.913	ng	98
67) 4-Bromophenyl-phenylether	16.67	248	198293	39.204	ng	99
68) Hexachlorobenzene	16.78	284	201794	38.479	ng	99
69) Atrazine	16.94	200	213594	41.755	ng	99
70) Pentachlorophenol	17.13	266	228045	67.399	ng	97
71) Phenanthrene	17.54	178	987538	41.395	ng	98
72) Anthracene	17.62	178	1012282	43.351	ng	97
73) Carbazole	17.89	167	931926	38.735	ng	98
74) Di-n-butylphthalate	18.44	149	1088217	42.200	ng	100
75) Fluoranthene	19.54	202	1180078	42.322	ng	98
77) Benzidine	19.72	184	558217	33.995	ng	98
78) Pyrene	19.90	202	1161133	41.507	ng	98
80) Butylbenzylphthalate	20.77	149	500925	46.024	ng	100
81) Benzo(a)anthracene	21.76	228	1088124	42.328	ng	98
82) 3,3'-Dichlorobenzidine	21.67	252	299438	30.196	ng	98
83) Chrysene	21.83	228	1026402	41.856	ng	98
84) Bis(2-ethylhexyl)phthalate	21.64	149	696261	44.549	ng	98
85) Di-n-octyl phthalate	22.89	149	1169051	46.085	ng	98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1180022	43.414	ng	98
88) Benzo(b)fluoranthene	24.05	252	1065929	44.420	ng	97
89) Benzo(k)fluoranthene	24.12	252	1021357	43.133	ng	97
90) Benzo(a)pyrene	24.96	252	1052346	45.733	ng	99
91) Dibenzo(a,h)anthracene	29.03	278	962171	43.702	ng	97
92) Benzo(g,h,i)perylene	30.17	276	977112	44.436	ng	99

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

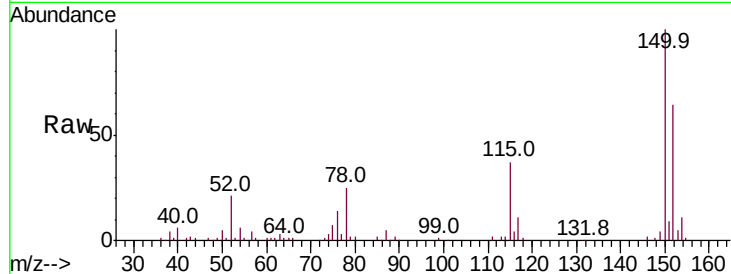


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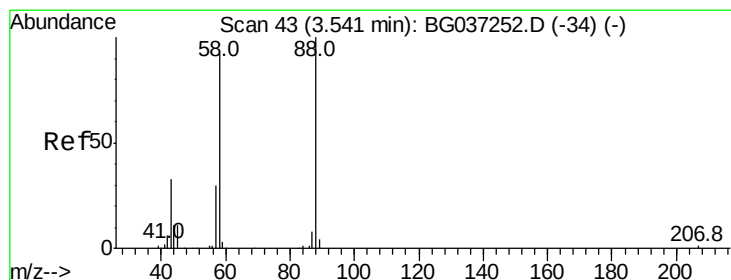
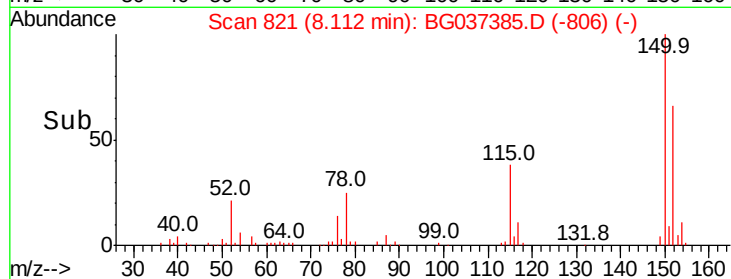
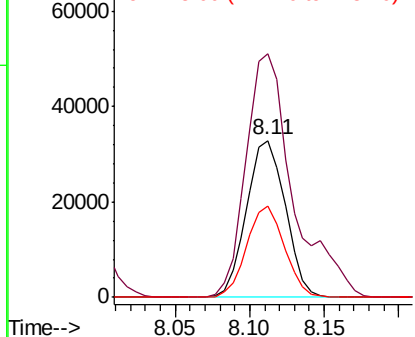
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 821
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion:152 Resp: 59227
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 58.1 45.5 68.3



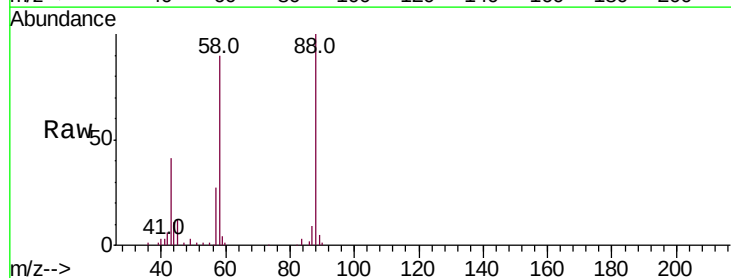
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



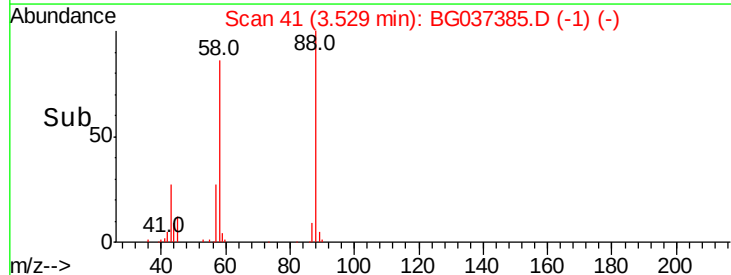
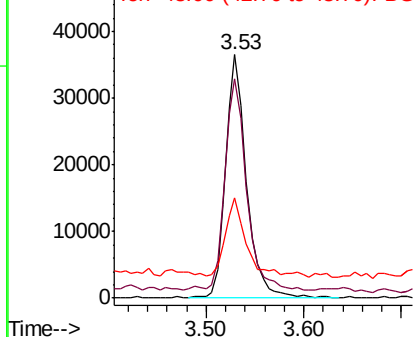
#2

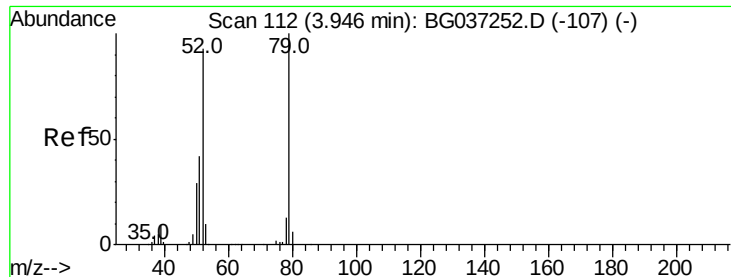
1,4-Dioxane
Concen: 28.664 ng
RT: 3.53 min Scan# 41
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion: 88 Resp: 54178
Ion Ratio Lower Upper
88 100
58 89.3 74.4 111.6
43 31.7 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: 33.914 ng

RT: 3.93 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

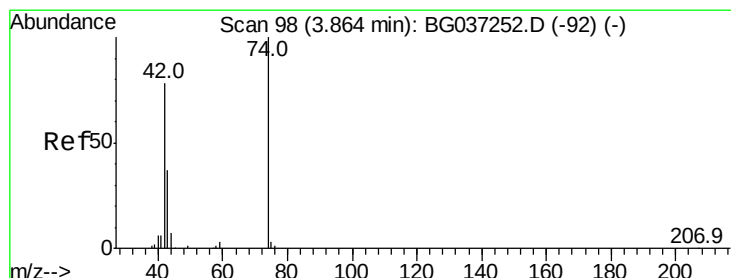
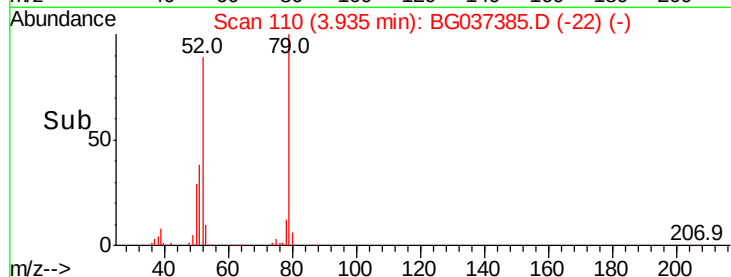
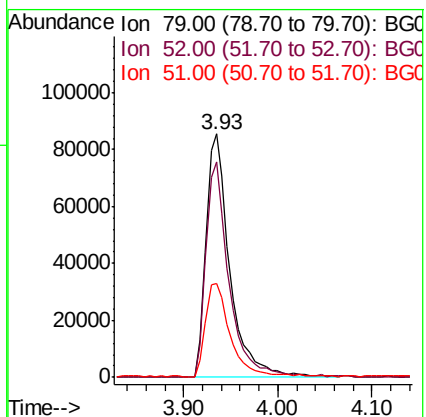
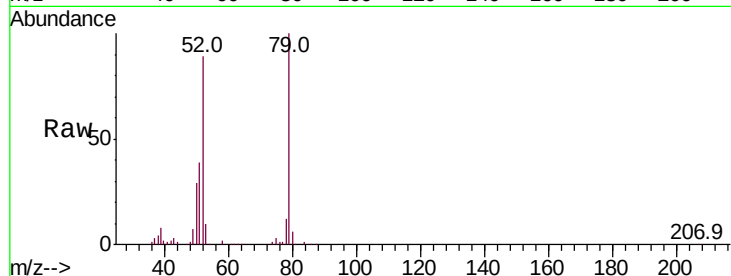
Tot Ion: 79 Resp: 152193

Ion Ratio Lower Upper

79 100

52 88.5 74.2 111.2

51 38.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 41.205 ng

RT: 3.85 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

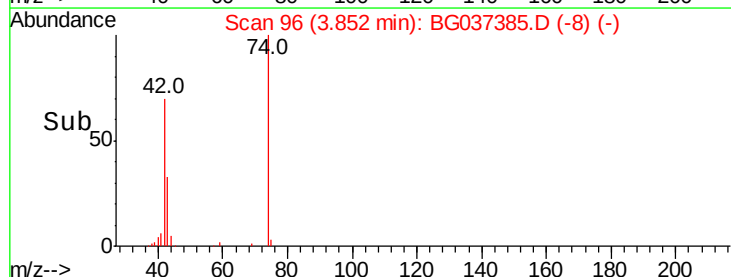
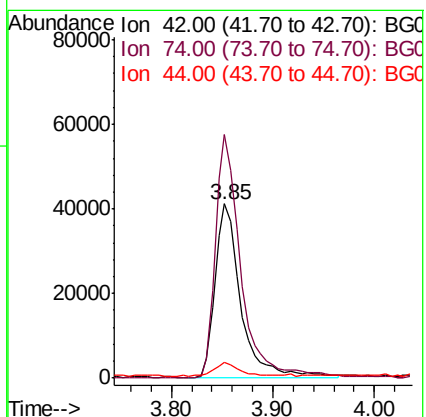
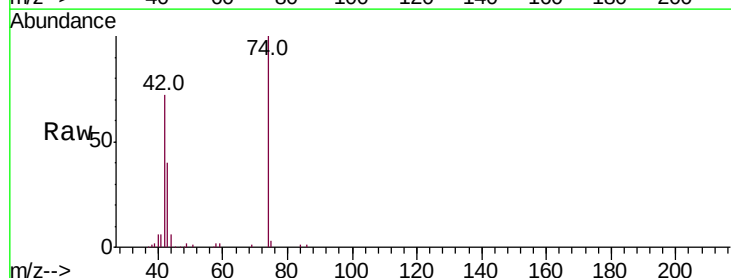
Tgt Ion: 42 Resp: 71809

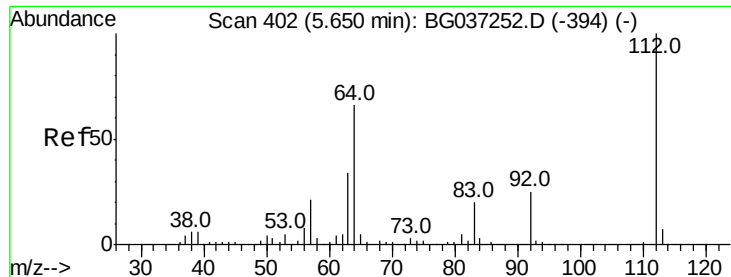
Ion Ratio Lower Upper

42 100

74 139.7 102.0 153.0

44 8.9 9.6 14.4#





#5

2-Fluorophenol

Concen: 160.200 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

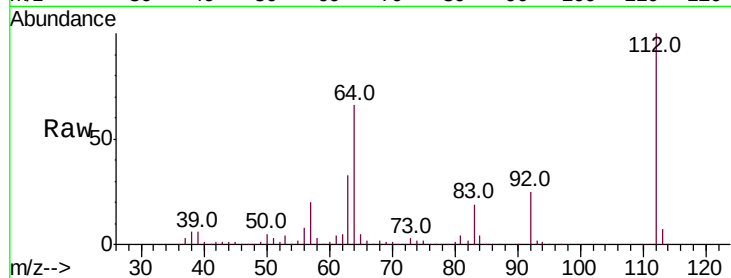
Tot Ion:112 Resp: 539128

Ion Ratio Lower Upper

112 100

64 66.0 53.1 79.7

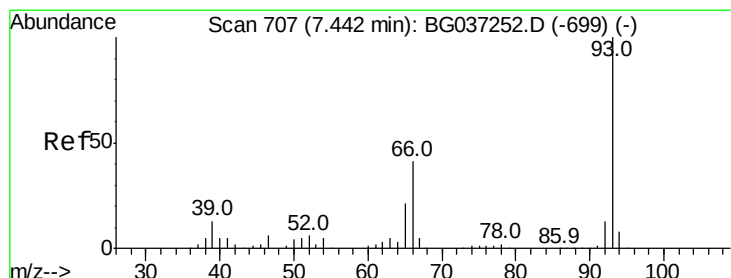
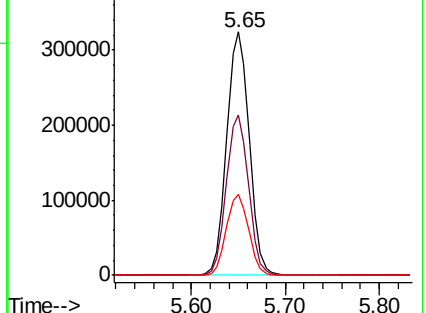
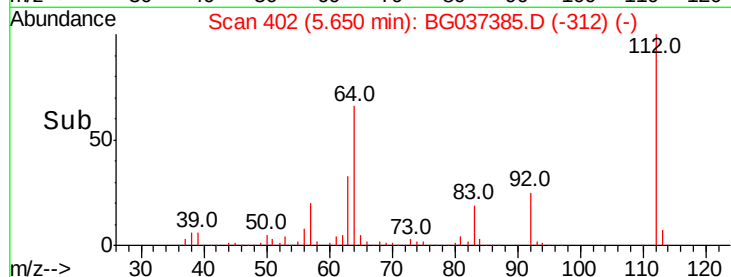
63 33.1 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 35.773 ng

RT: 7.44 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

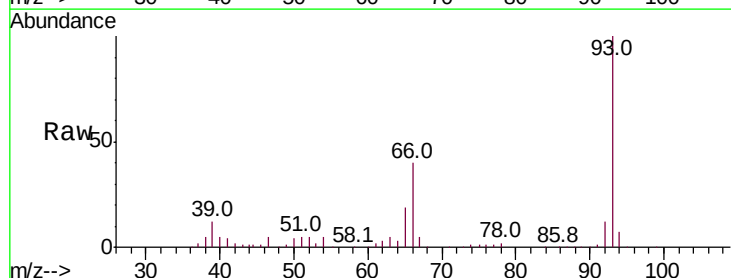
Tgt Ion: 93 Resp: 239204

Ion Ratio Lower Upper

93 100

66 39.8 32.8 49.2

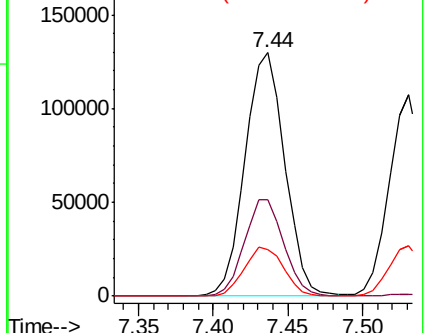
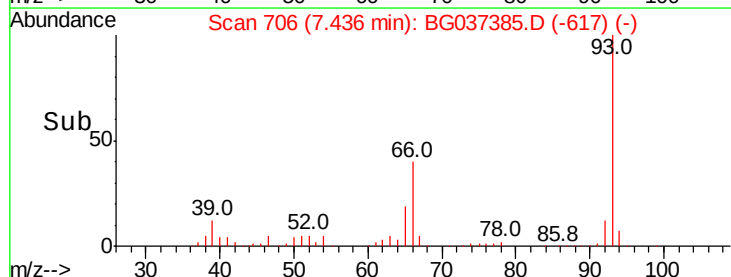
65 18.9 16.4 24.6

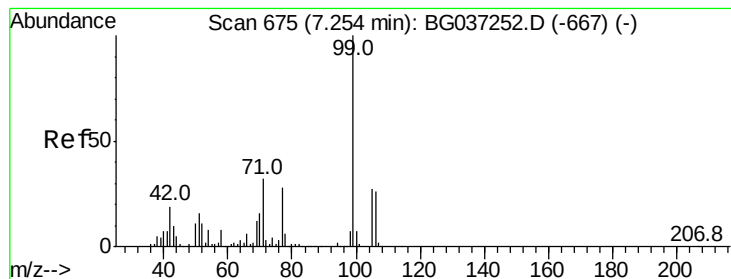


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 148.277 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampled :

PB113906BS

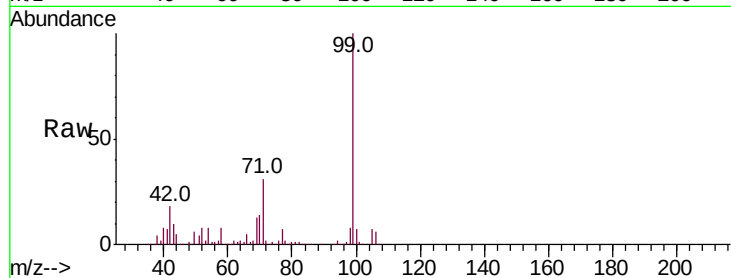
Tot Ion: 99 Resp: 757407

Ion Ratio Lower Upper

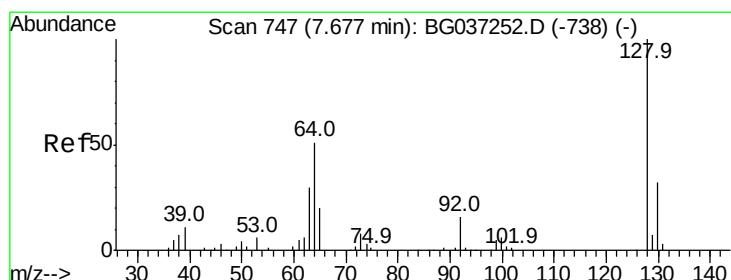
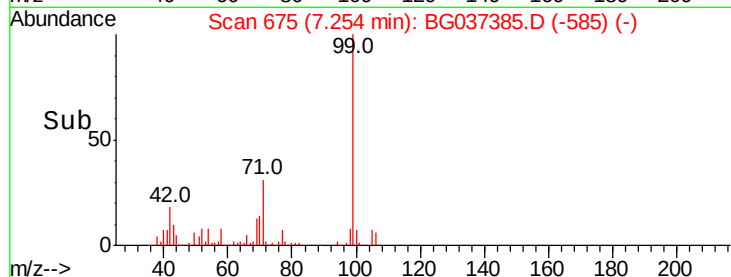
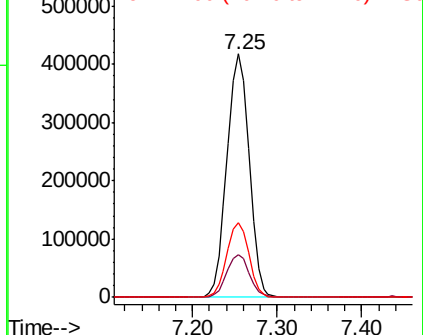
99 100

42 17.7 15.0 22.4

71 30.6 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: 49.204 ng

RT: 7.67 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

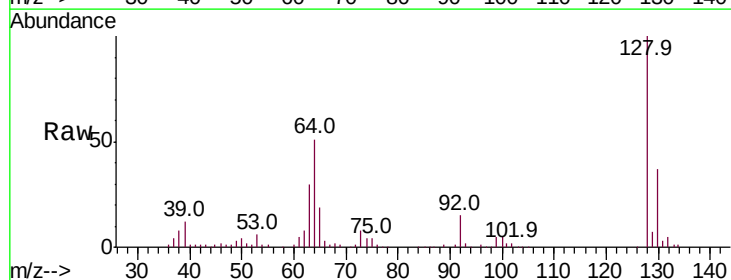
Tgt Ion: 128 Resp: 193800

Ion Ratio Lower Upper

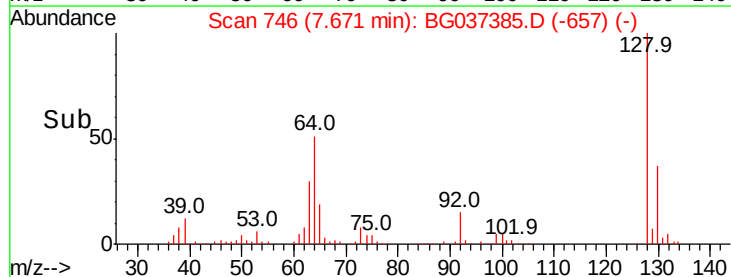
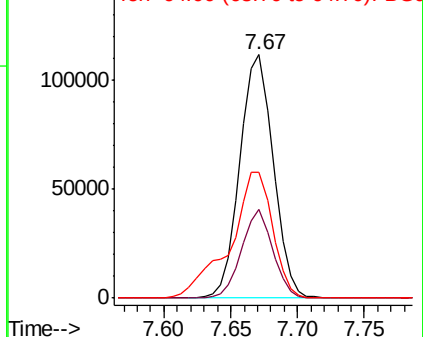
128 100

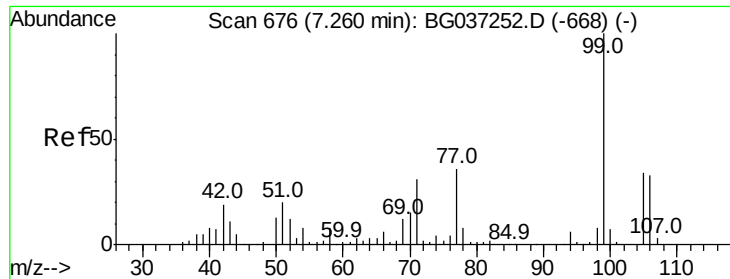
130 36.5 12.0 52.0

64 51.5 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: 16.824 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

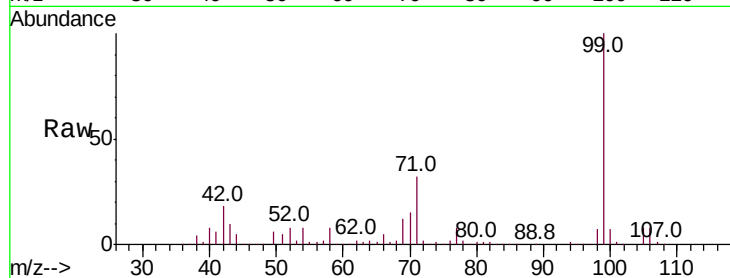
Tot Ion: 77 Resp: 59166

Ion Ratio Lower Upper

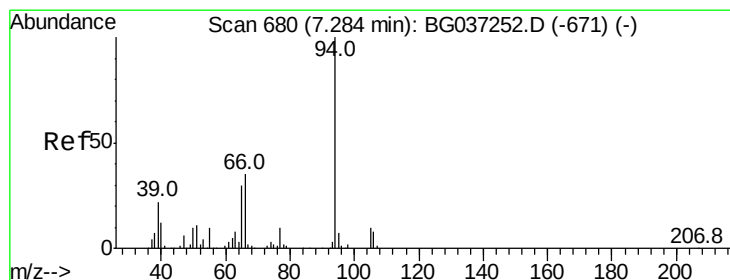
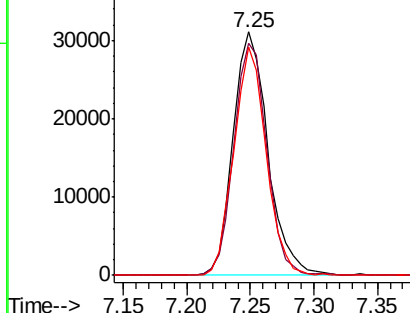
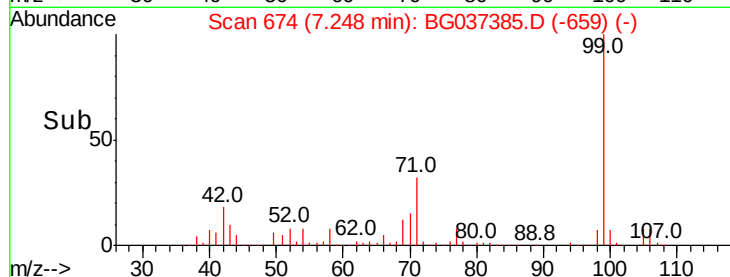
77 100

105 95.5 72.6 112.6

106 93.8 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: 48.800 ng

RT: 7.28 min Scan# 679

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

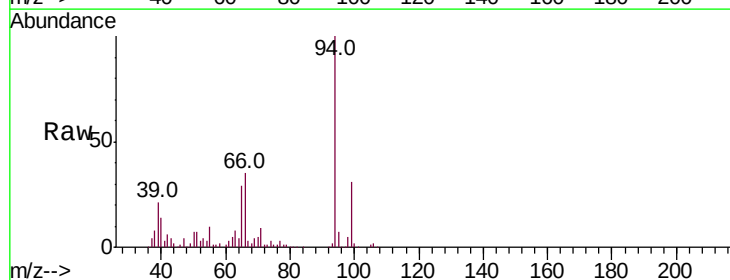
Tgt Ion: 94 Resp: 262536

Ion Ratio Lower Upper

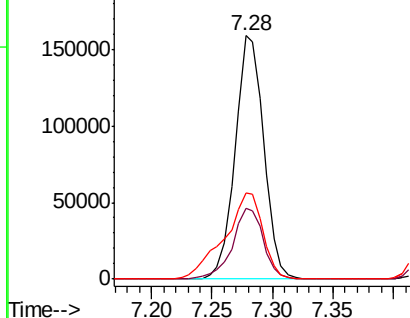
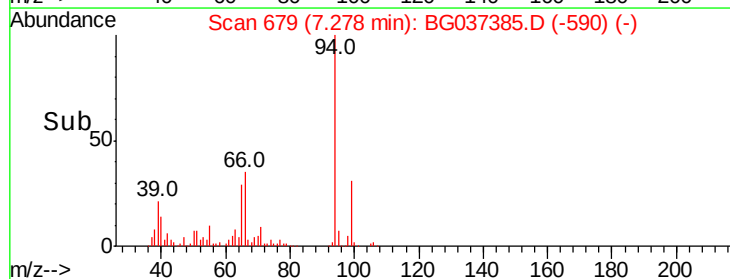
94 100

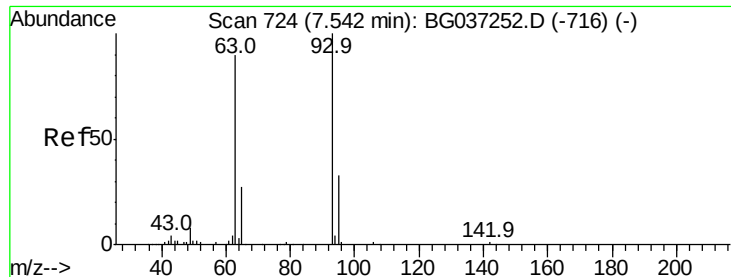
65 29.1 9.7 49.7

66 35.4 15.9 55.9



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

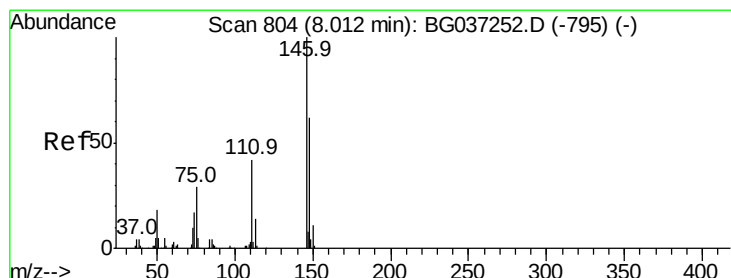
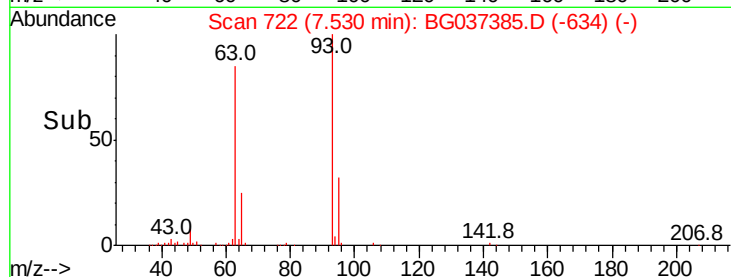
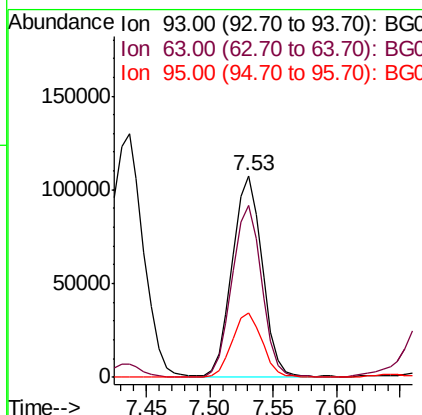
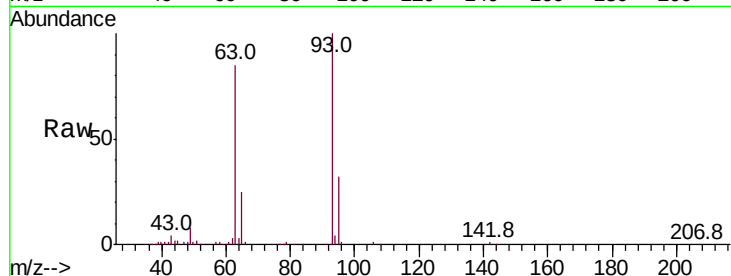




#11
 bis(2-Chloroethyl)ether
 Concen: 40.309 ng
 RT: 7.53 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

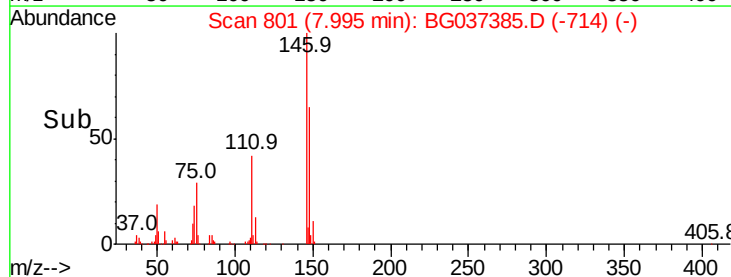
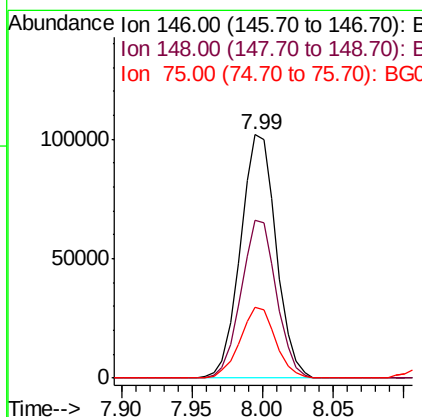
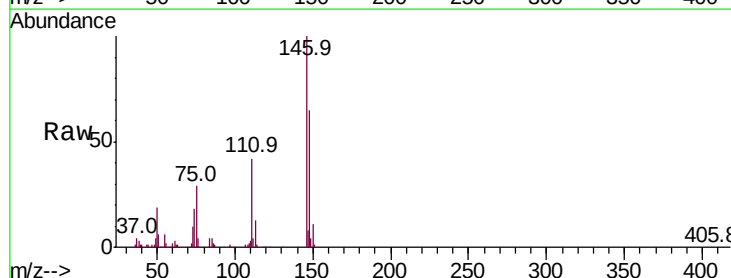
Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

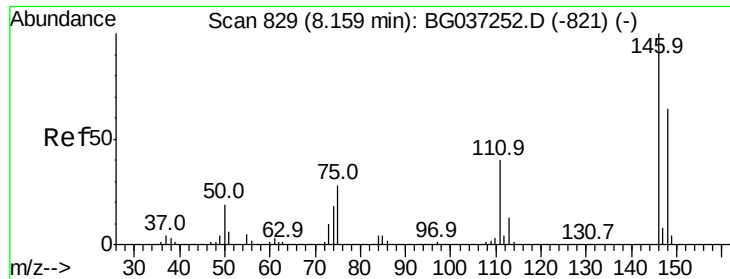
Tot Ion: 93 Resp: 177162
 Ion Ratio Lower Upper
 93 100
 63 85.1 69.5 109.5
 95 31.9 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 38.884 ng
 RT: 7.99 min Scan# 801
 Delta R.T. -0.02 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion: 146 Resp: 180043
 Ion Ratio Lower Upper
 146 100
 148 64.9 49.8 74.8
 75 29.2 23.2 34.8

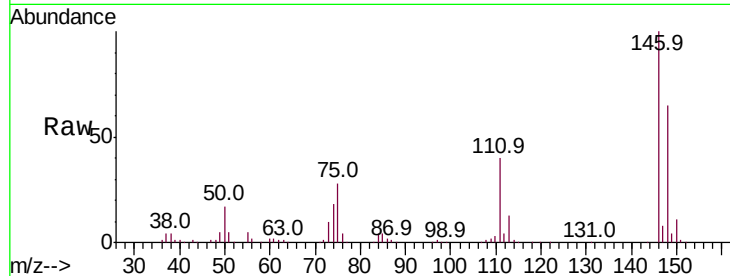




#13
 1,4-Dichlorobenzene
 Concen: 39.703 ng
 RT: 8.15 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.0	76.6
111	40.2	32.4	48.6

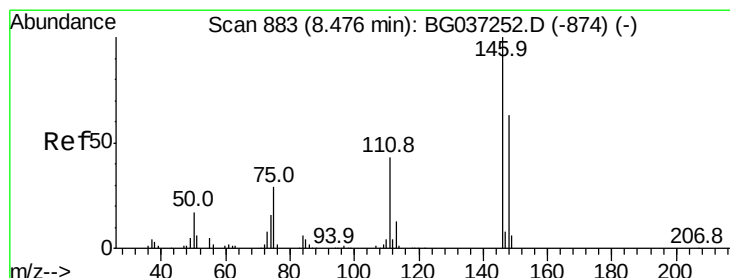
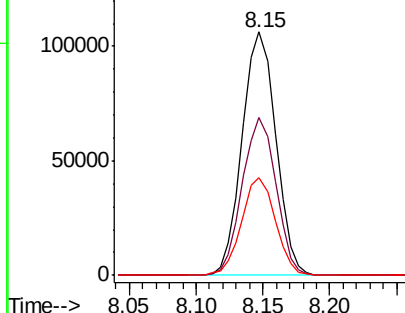
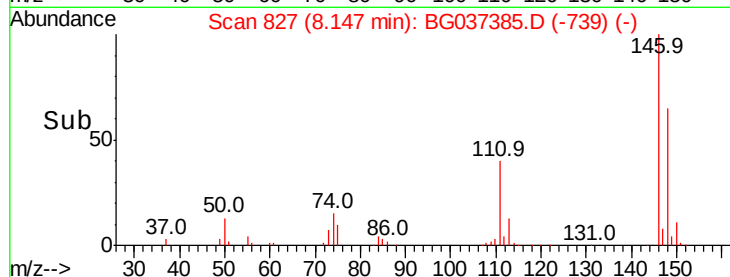


Abundance

Ion 146.00 (145.70 to 146.70): E

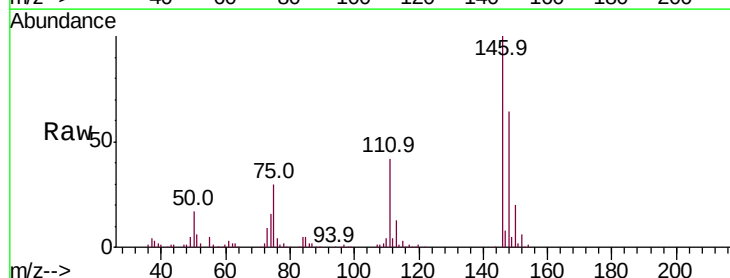
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 39.613 ng
 RT: 8.46 min Scan# 881
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.4	75.6
111	42.0	34.6	51.8

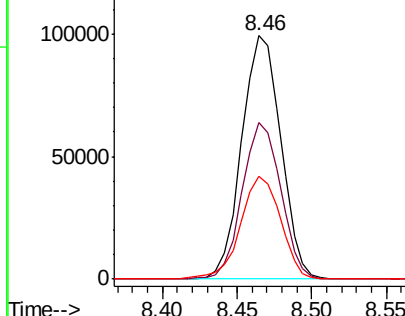
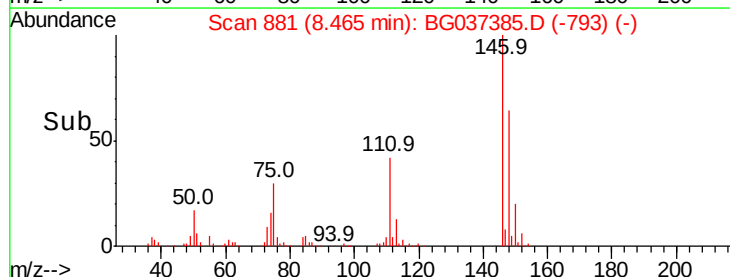


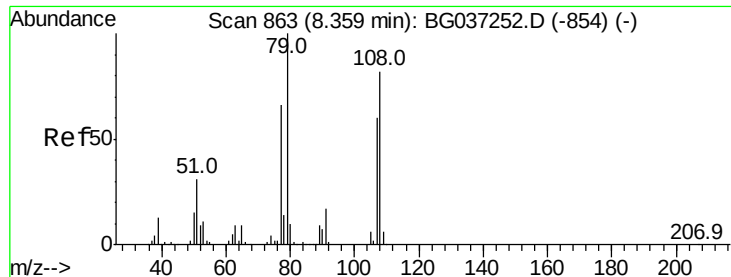
Abundance

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: 44.783 ng

RT: 8.35 min Scan# 861

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

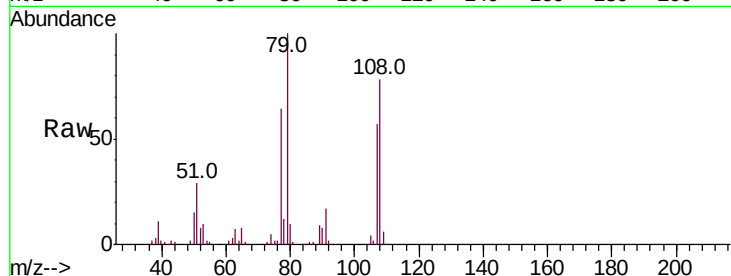
Tot Ion: 79 Resp: 178933

Ion Ratio Lower Upper

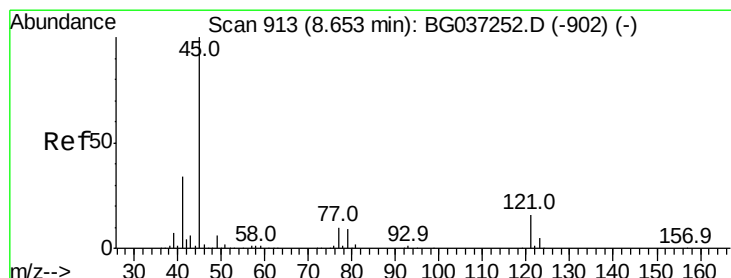
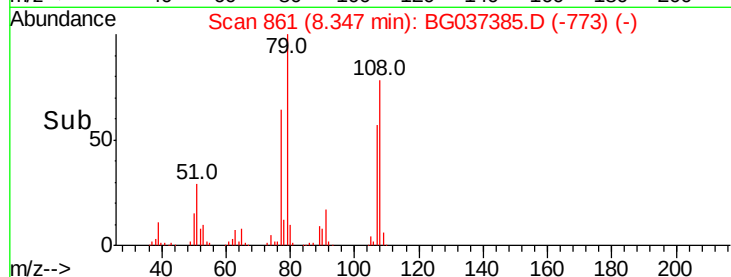
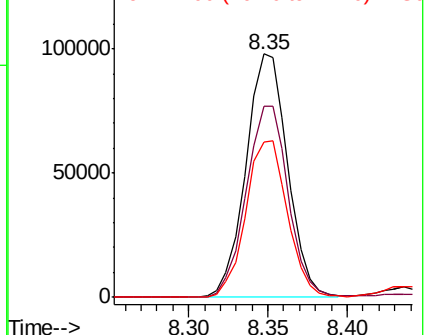
79 100

108 78.4 65.8 98.8

77 63.9 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.963 ng

RT: 8.64 min Scan# 910

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

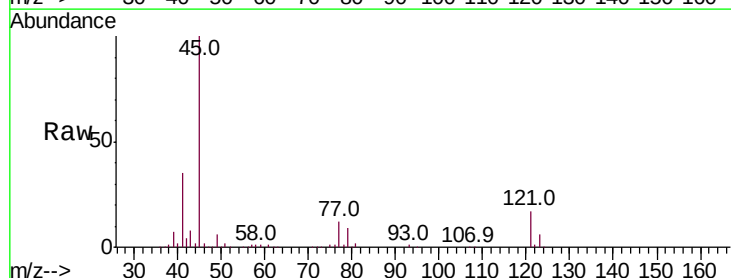
Tgt Ion: 45 Resp: 321162

Ion Ratio Lower Upper

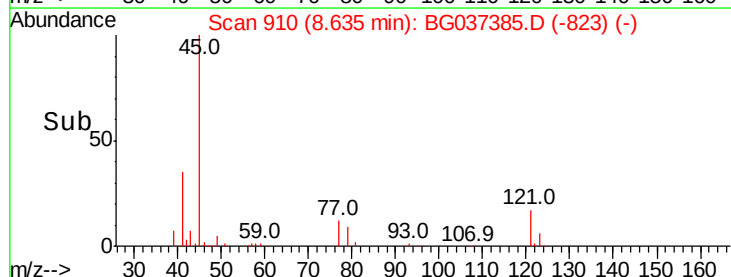
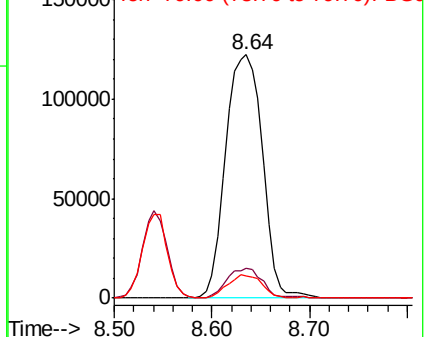
45 100

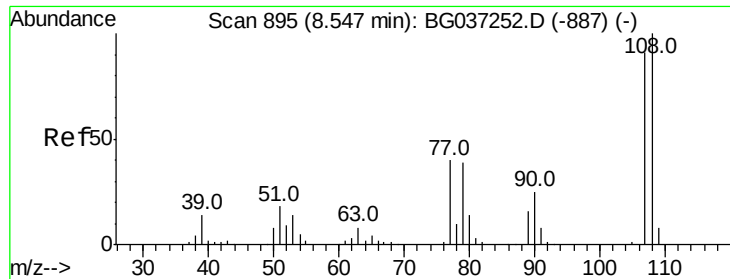
77 12.3 0.0 30.0

79 8.9 0.0 29.0



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

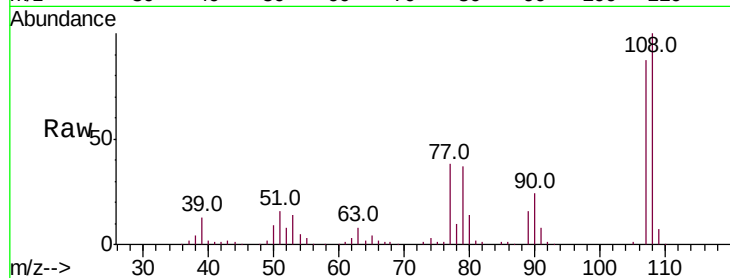




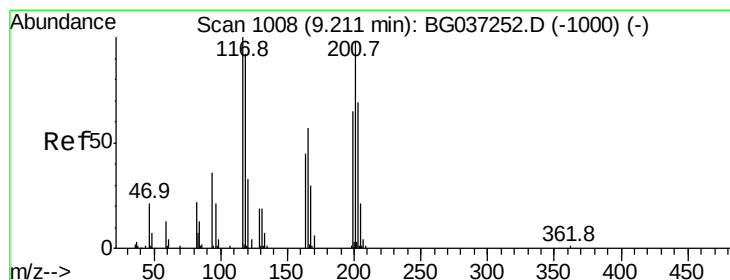
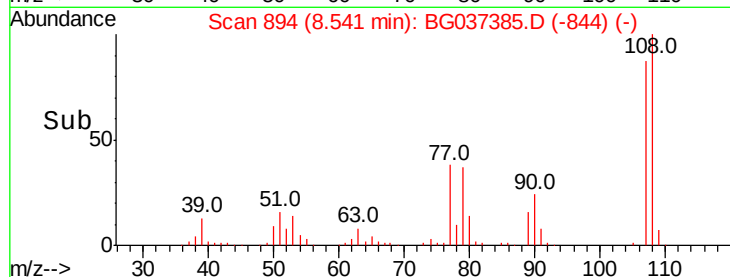
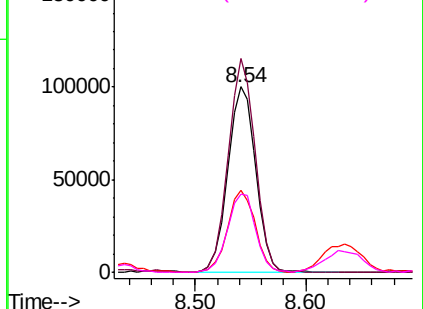
#17
2-Methylphenol
Concen: 49.367 ng
RT: 8.54 min Scan# 894
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion:107 Resp: 177872
Ion Ratio Lower Upper
107 100
108 115.4 87.9 131.9
77 44.2 35.1 52.7
79 42.4 34.5 51.7

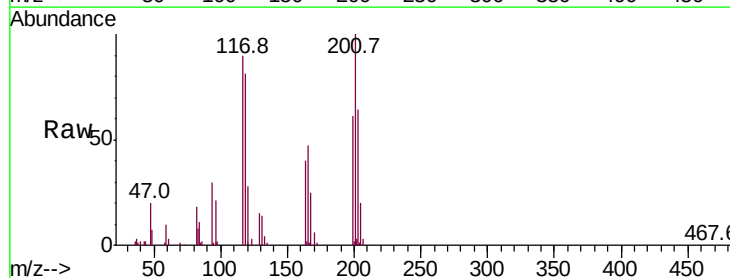


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

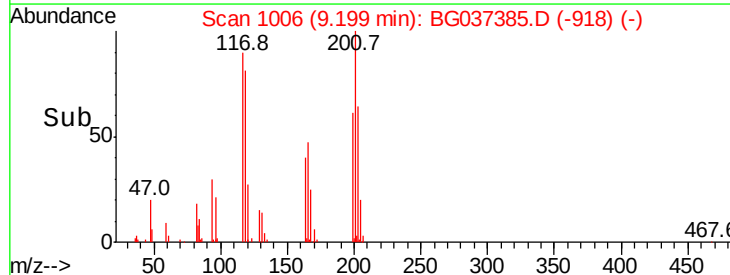
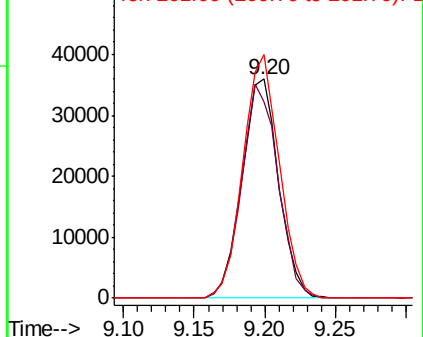


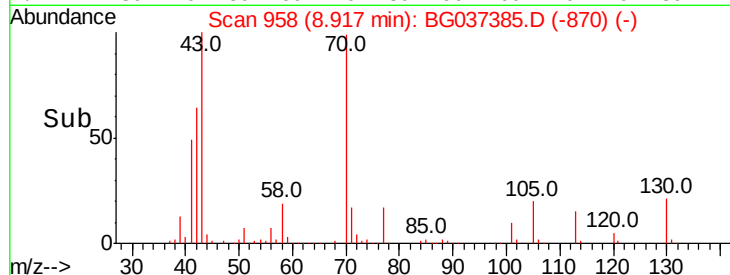
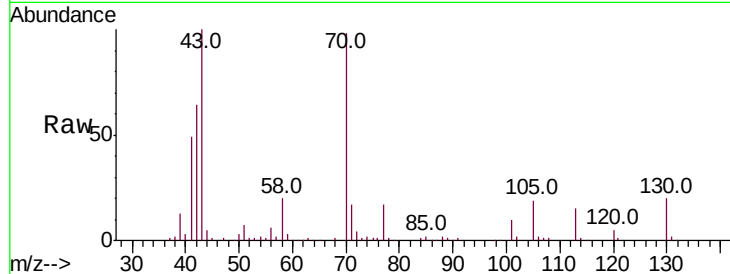
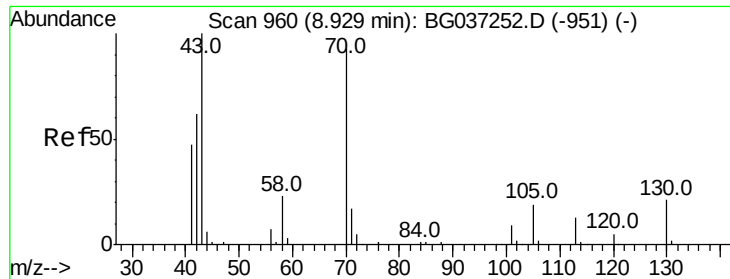
#18
Hexachloroethane
Concen: 40.935 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:117 Resp: 65496
Ion Ratio Lower Upper
117 100
119 89.9 74.6 111.8
201 114.9 80.8 121.2



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

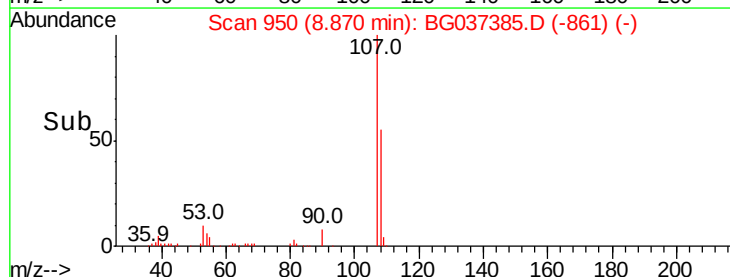
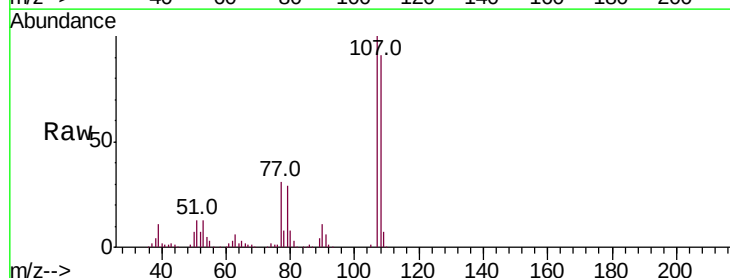
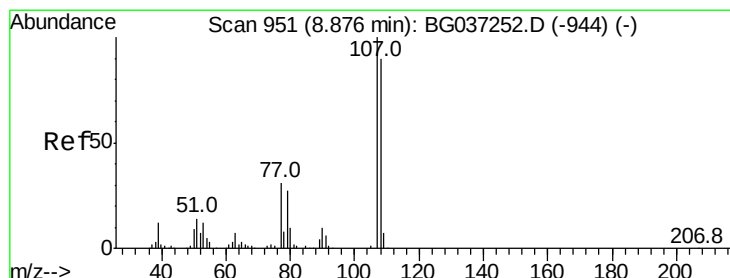
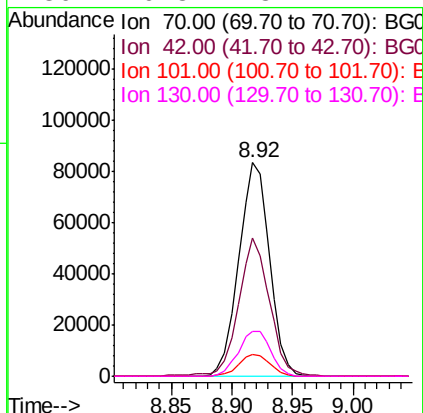




#19
n-Nitroso-di-n-propylamine
Concen: 38.243 ng
RT: 8.92 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

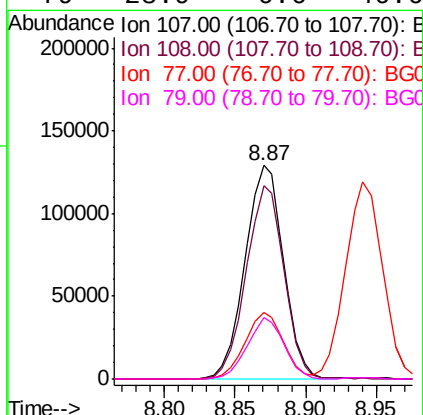
Instrument :
BNA_G
ClientSampleId :
PB113906BS

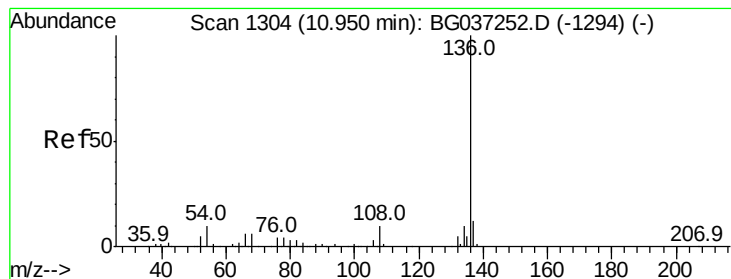
Tot Ion:	70	Resp:	147899
Ion	Ratio	Lower	Upper
70	100		
42	64.6	53.9	80.9
101	10.2	8.2	12.2
130	20.8	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.920 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:	107	Resp:	246457
Ion	Ratio	Lower	Upper
107	100		
108	90.8	69.9	109.9
77	31.2	11.2	51.2
79	28.9	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

Tot Ion:136 Resp: 282199

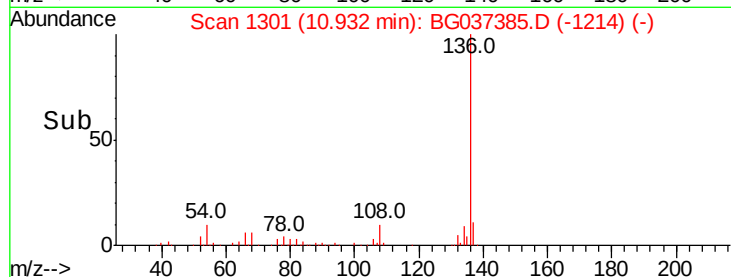
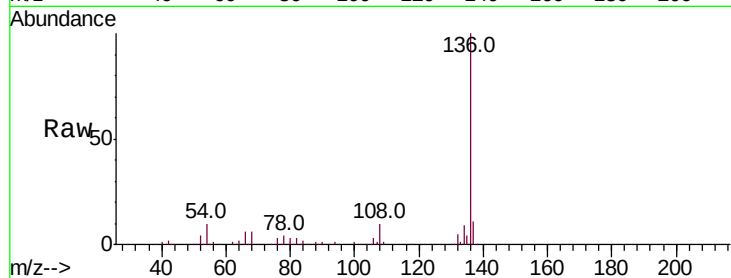
Ion Ratio Lower Upper

136 100

137 11.0 9.6 14.4

54 9.7 7.9 11.9

68 6.3 4.8 7.2

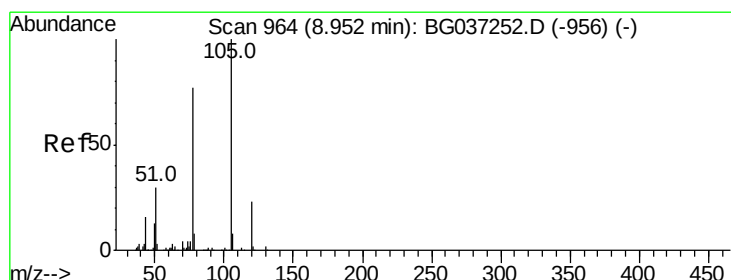
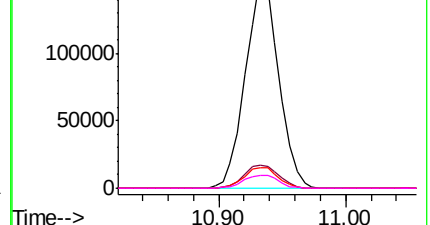


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.364 ng

RT: 8.94 min Scan# 962

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Tgt Ion:105 Resp: 280026

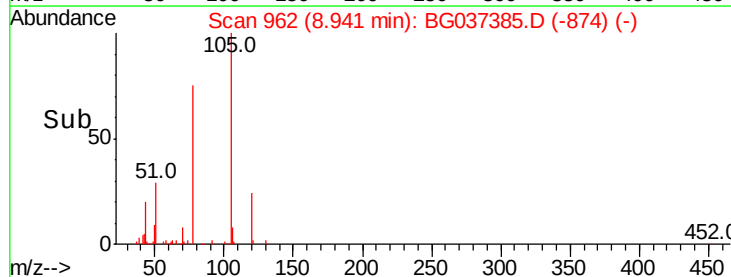
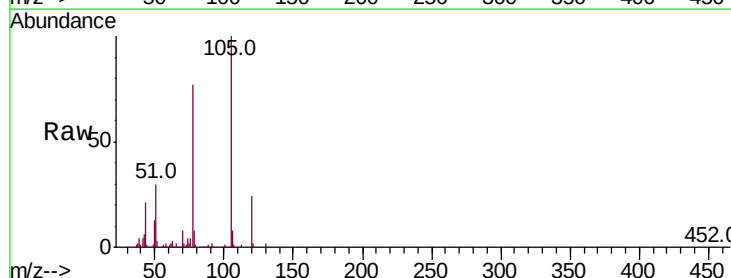
Ion Ratio Lower Upper

105 100

71 1.6 1.2 1.8

51 30.0 25.0 37.6

120 23.8 18.6 28.0

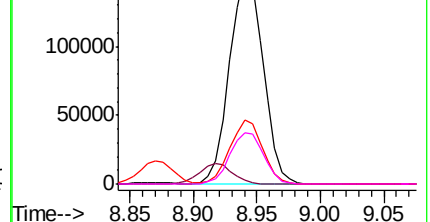


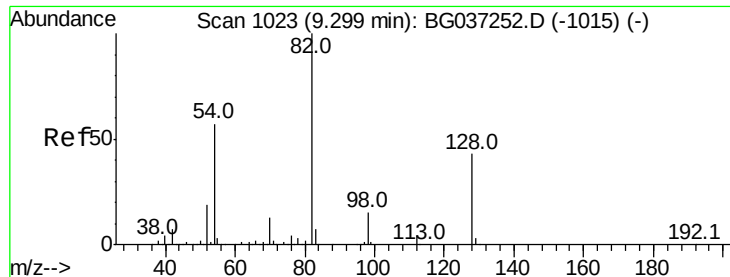
Abundance Ion 105.00 (104.70 to 105.70): E

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

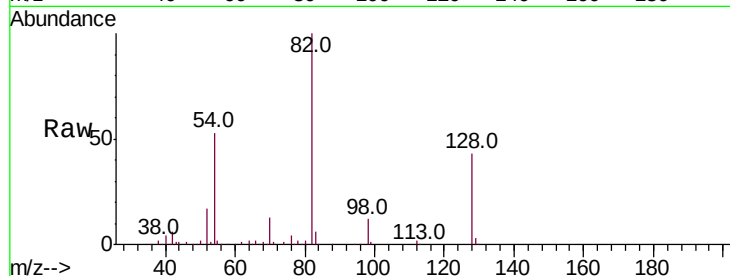




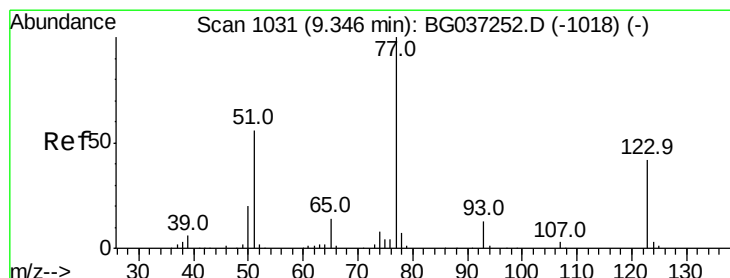
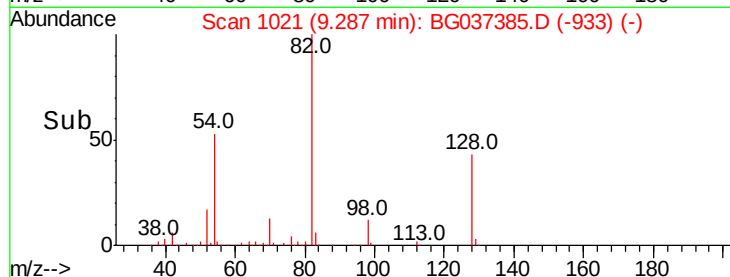
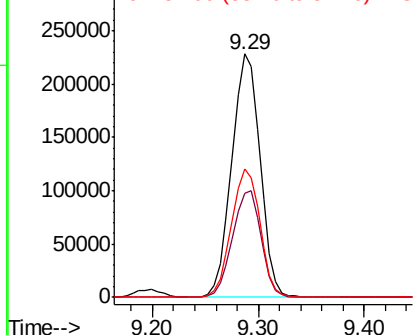
#23
Nitrobenzene-d5
Concen: 98.475 ng
RT: 9.29 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion: 82 Resp: 422689
Ion Ratio Lower Upper
82 100
128 42.9 34.6 51.8
54 52.9 45.3 67.9

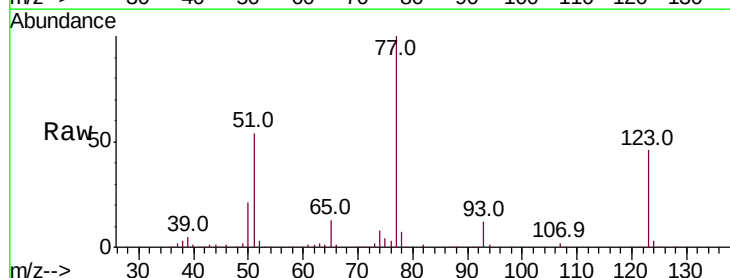


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

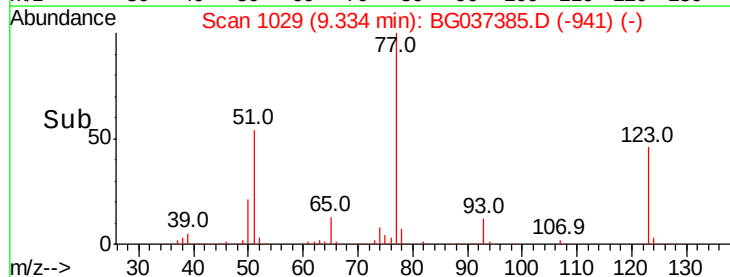
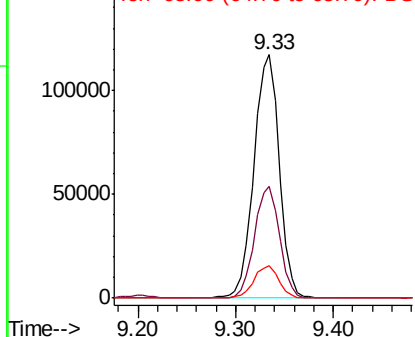


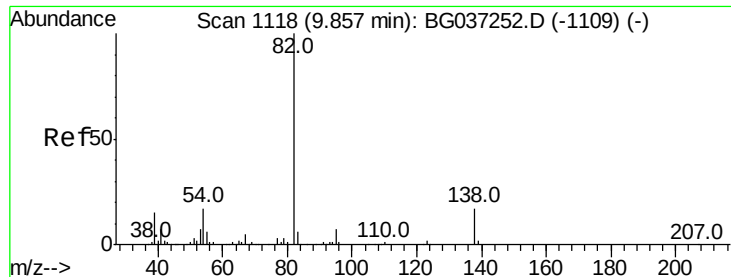
#24
Nitrobenzene
Concen: 46.329 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion: 77 Resp: 212996
Ion Ratio Lower Upper
77 100
123 45.9 33.6 50.4
65 13.4 11.3 16.9



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 44.401 ng

RT: 9.85 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

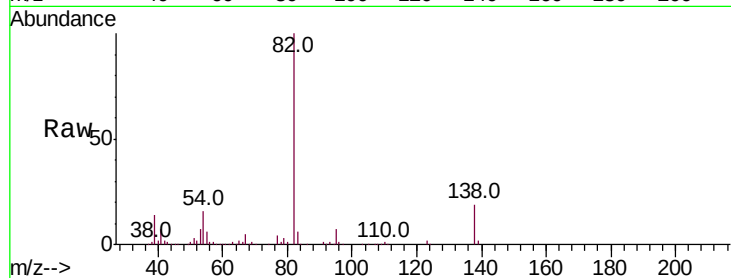
Tot Ion: 82 Resp: 435080

Ion Ratio Lower Upper

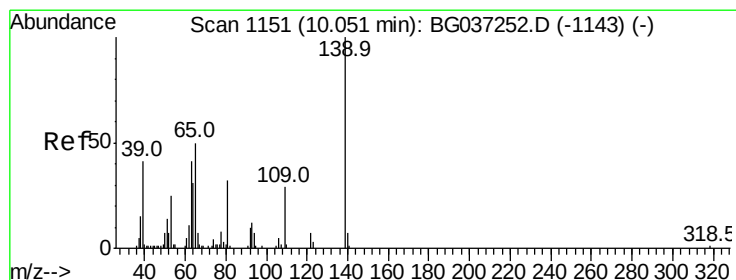
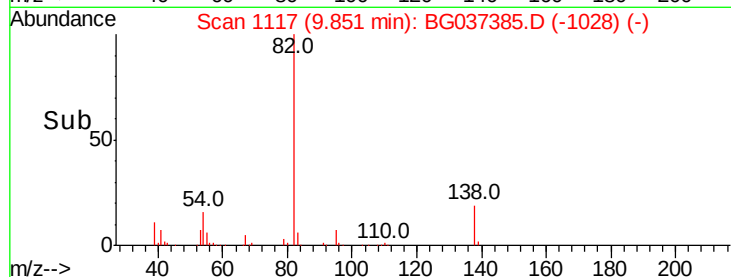
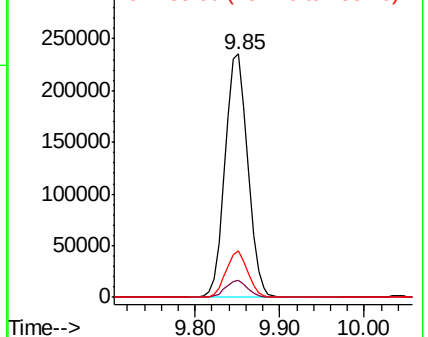
82 100

95 7.2 5.3 7.9

138 18.8 13.3 19.9



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



#26

2-Nitrophenol

Concen: 56.465 ng

RT: 10.05 min Scan# 1150

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

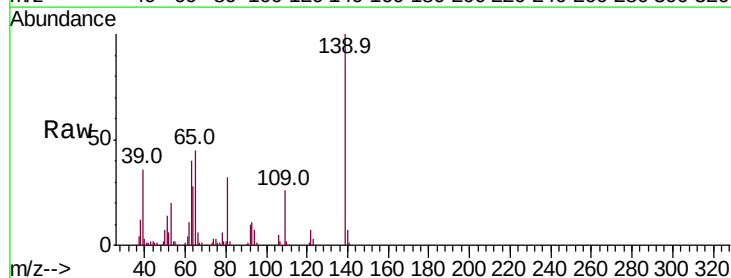
Tgt Ion: 139 Resp: 101600

Ion Ratio Lower Upper

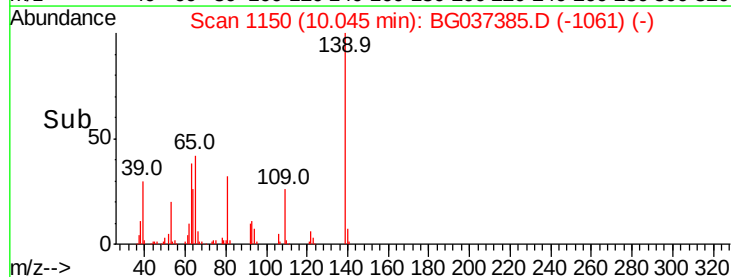
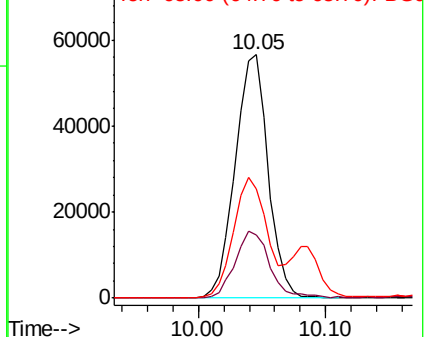
139 100

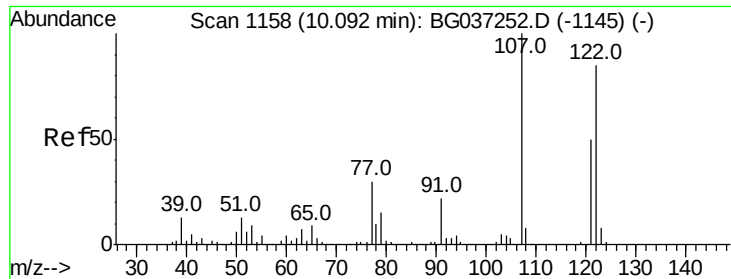
109 26.1 23.3 34.9

65 44.8 39.8 59.8



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

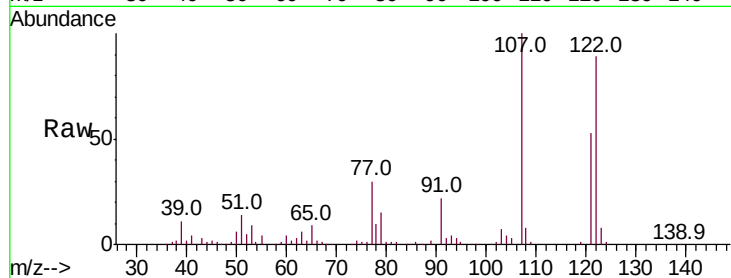




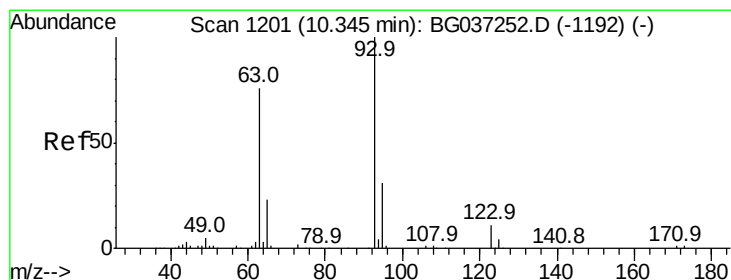
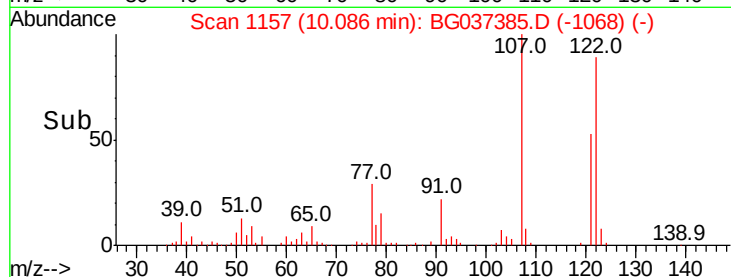
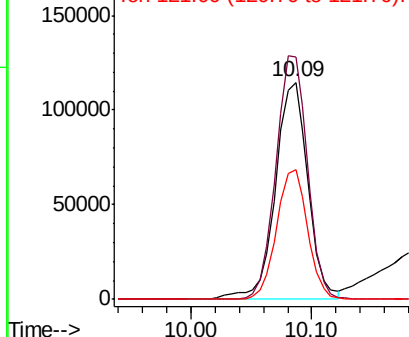
#27
 2,4-Dimethylphenol
 Concen: 52.040 ng
 RT: 10.09 min Scan# 1157
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion:122 Resp: 213139
 Ion Ratio Lower Upper
 122 100
 107 111.9 94.2 141.2
 121 59.8 47.3 70.9

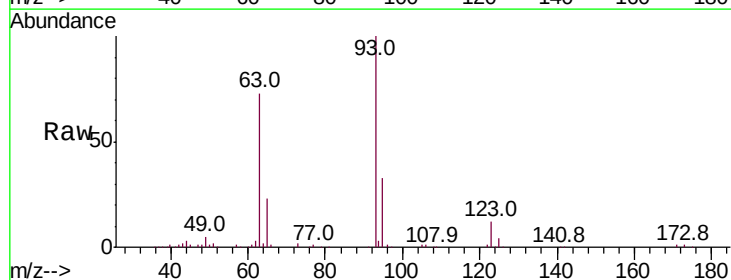


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

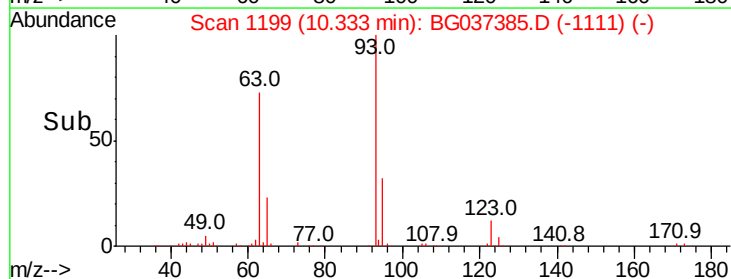
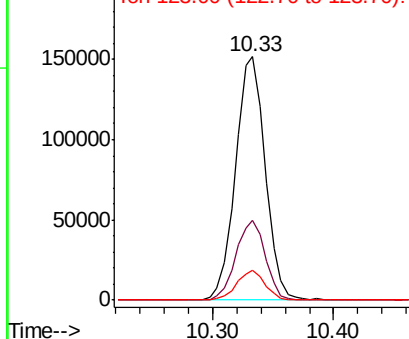


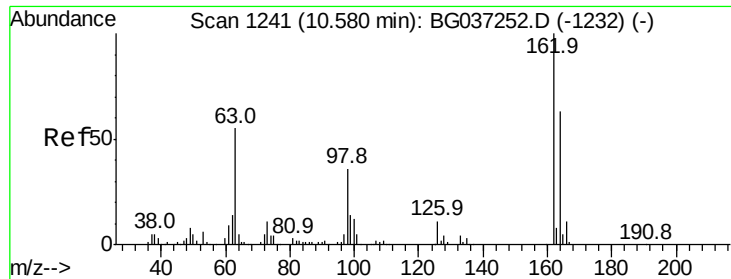
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.406 ng
 RT: 10.33 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion: 93 Resp: 259972
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.3 9.1 13.7



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

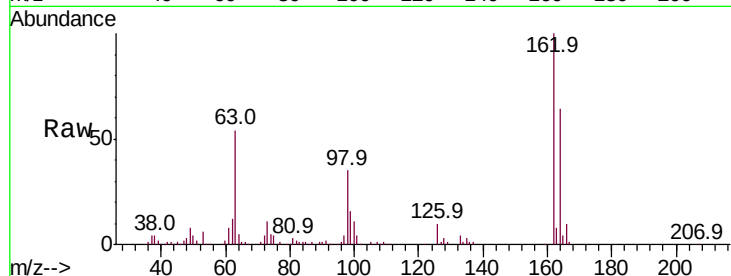




#29
 2,4-Dichlorophenol
 Concen: 50.703 ng
 RT: 10.57 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.2	83.2
98	34.7	16.0	56.0

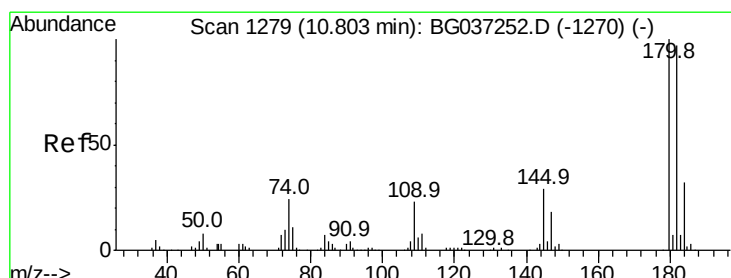
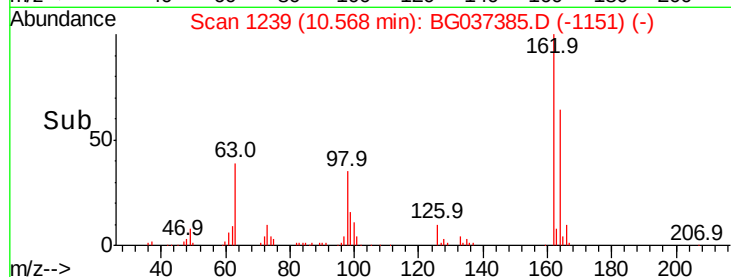
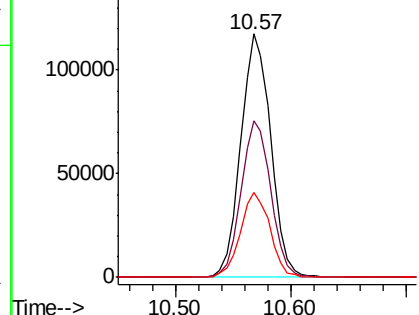


Abundance

Ion 162.00 (161.70 to 162.70): E

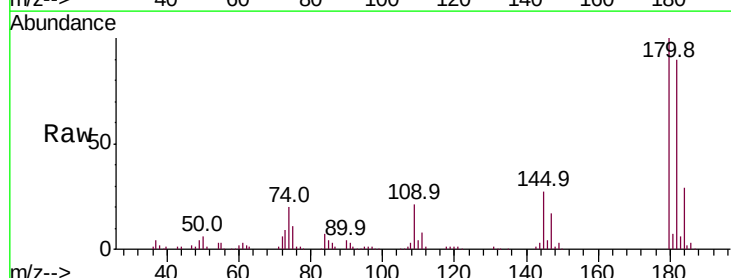
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 39.534 ng
 RT: 10.79 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.8	77.7	116.5
145	27.1	23.3	34.9

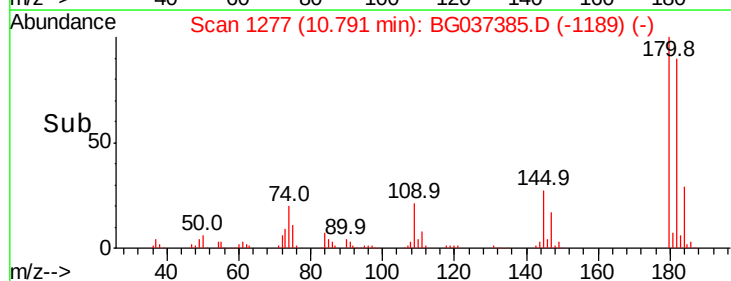
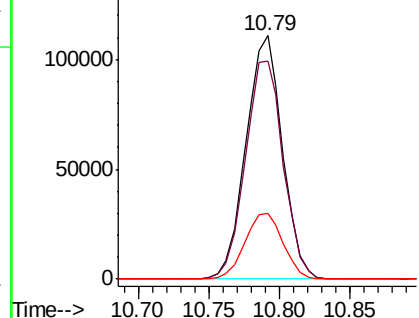


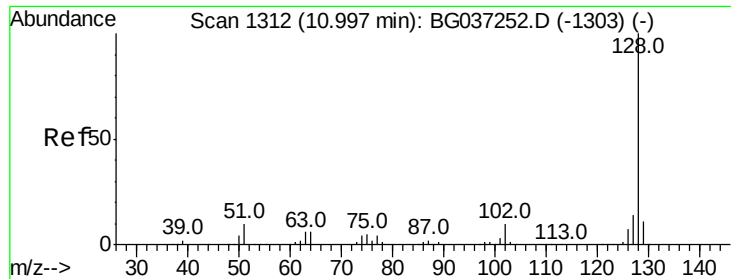
Abundance

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

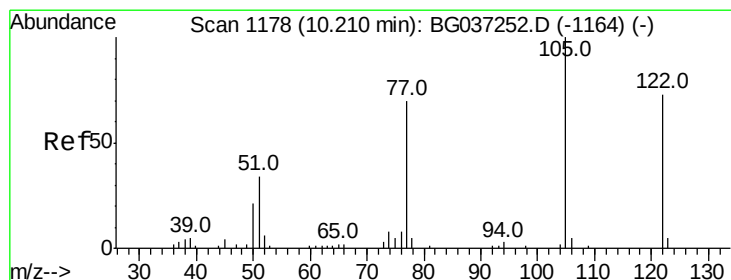
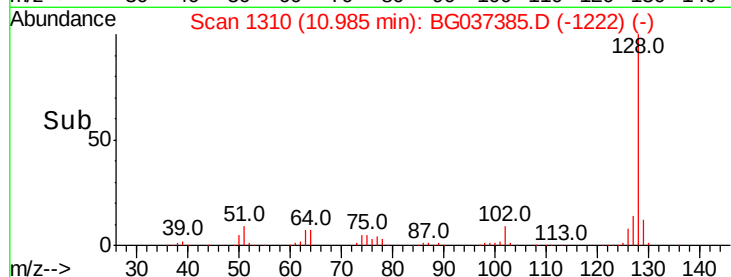
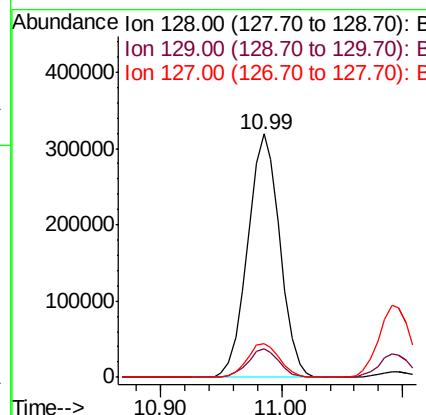
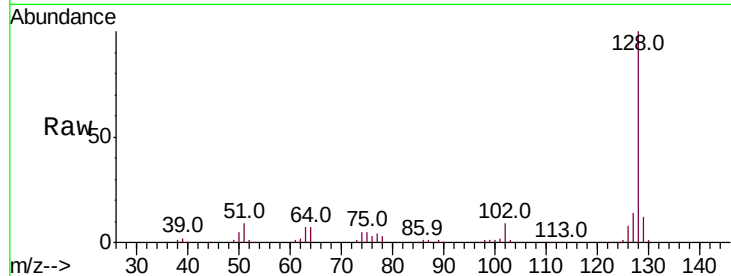




#31
Naphthalene
Concen: 43.020 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

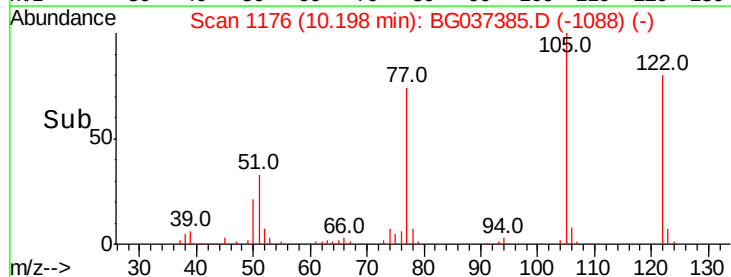
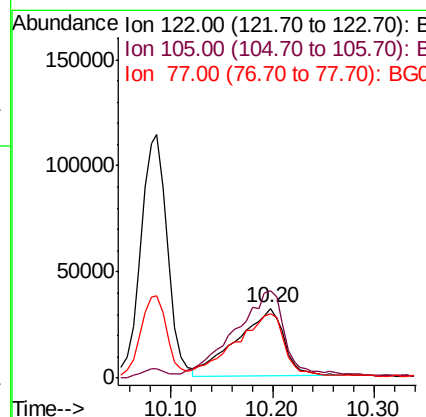
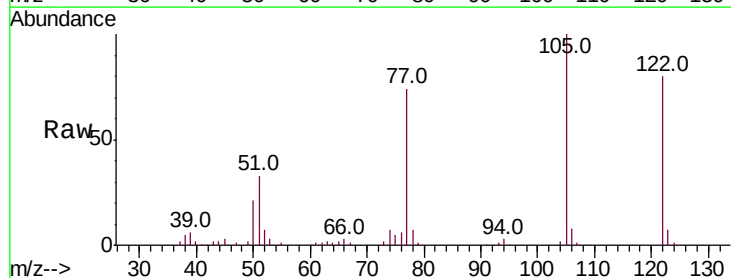
Instrument :
BNA_G
ClientSampleId :
PB113906BS

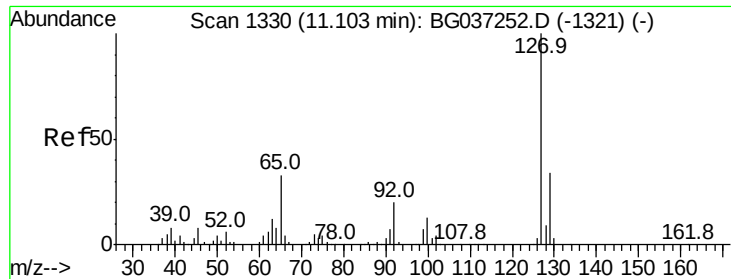
Tot Ion:128 Resp: 590004
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.9 11.1 16.7



#32
Benzoic acid
Concen: 45.323 ng
RT: 10.20 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:122 Resp: 102499
Ion Ratio Lower Upper
122 100
105 125.5 106.7 146.7
77 92.3 72.2 112.2

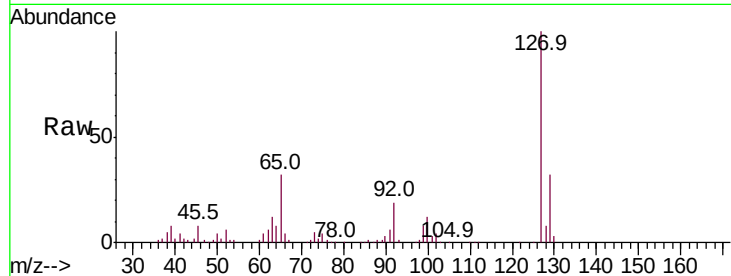




#33
4-Chloroaniline
Concen: 27.448 ng
RT: 11.09 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion:	127	Resp:	176588
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.1	40.7
65	31.6	26.6	39.8
92	18.9	16.4	24.6



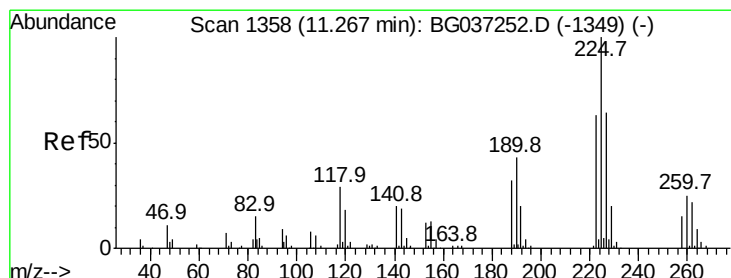
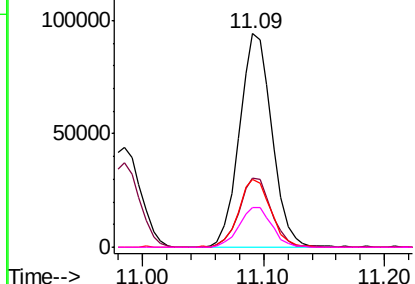
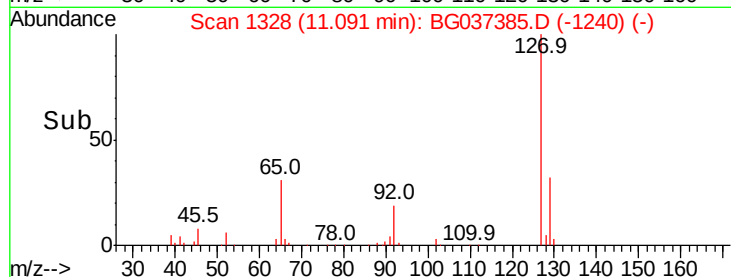
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

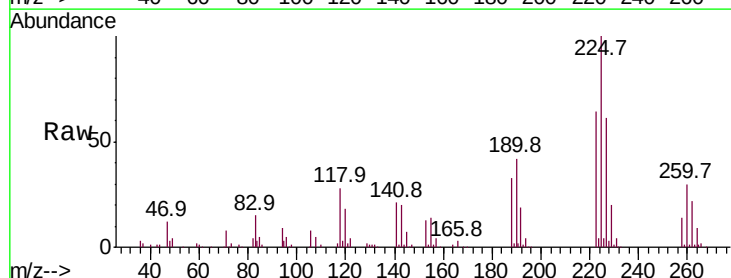
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 36.543 ng
RT: 11.25 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:	225	Resp:	114809
Ion	Ratio	Lower	Upper
225	100		
223	64.2	48.2	72.4
227	64.0	51.6	77.4

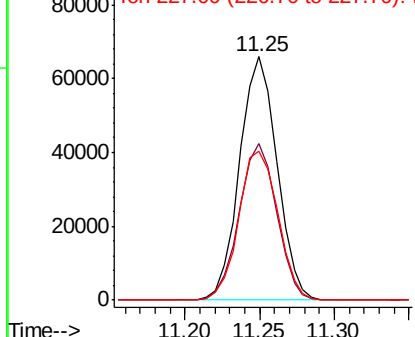
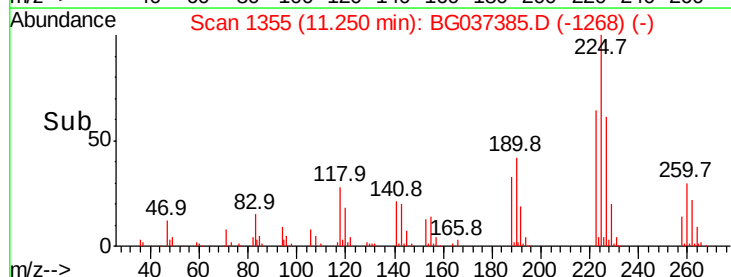


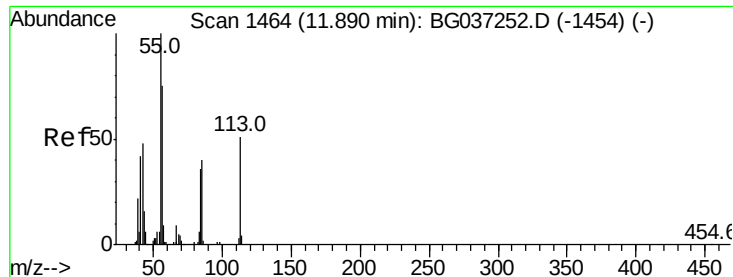
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 47.393 ng

RT: 11.88 min Scan# 1462

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

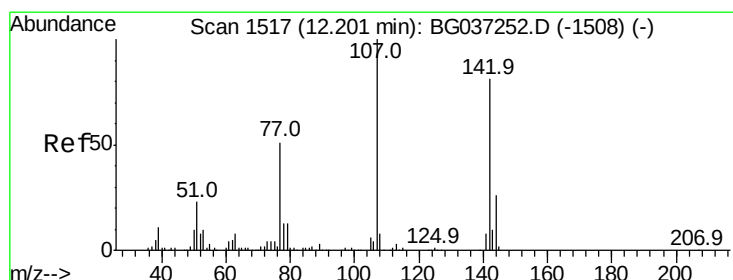
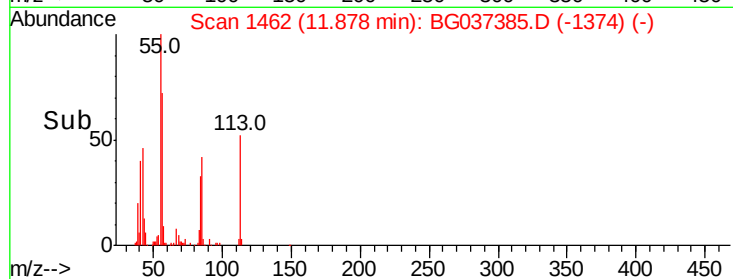
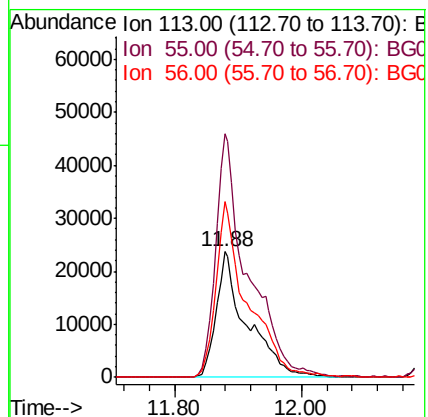
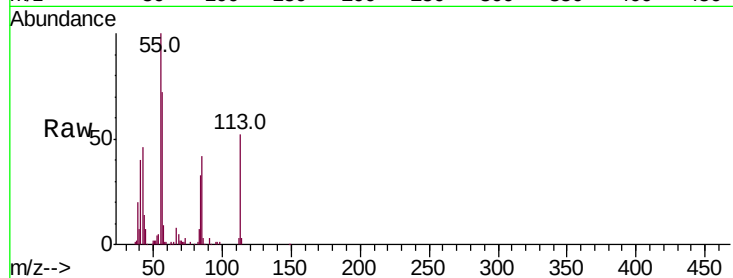
Tot Ion:113 Resp: 80328

Ion Ratio Lower Upper

113 100

55 194.1 176.6 216.6

56 139.7 128.3 168.3



#36

4-Chloro-3-methylphenol

Concen: 47.778 ng

RT: 12.20 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

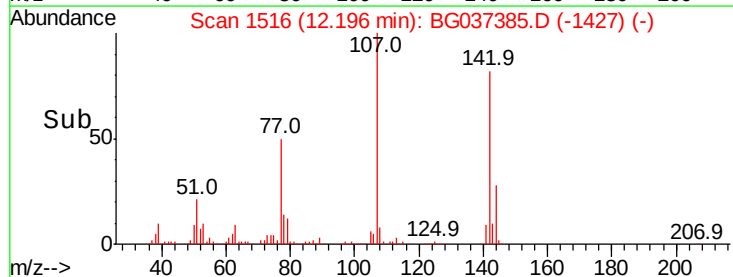
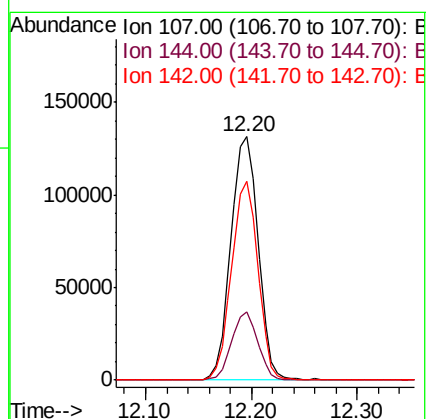
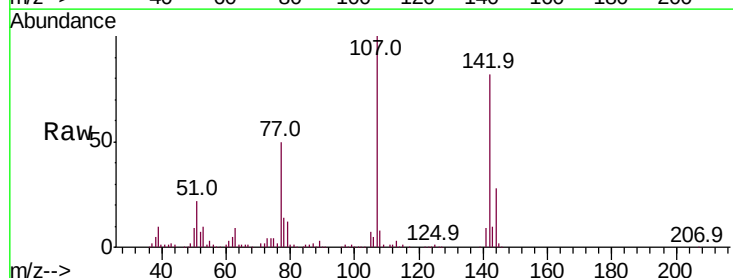
Tgt Ion:107 Resp: 234596

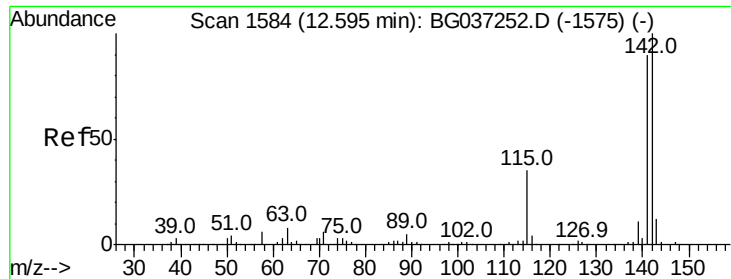
Ion Ratio Lower Upper

107 100

144 28.1 20.7 31.1

142 81.8 64.4 96.6

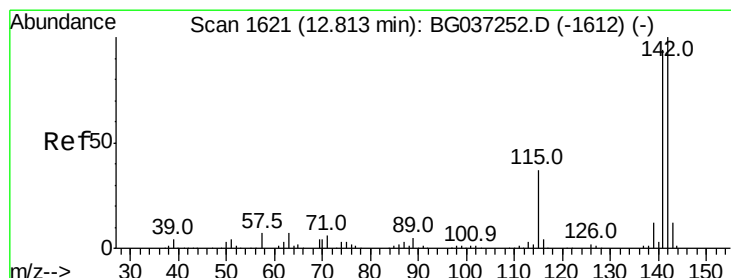
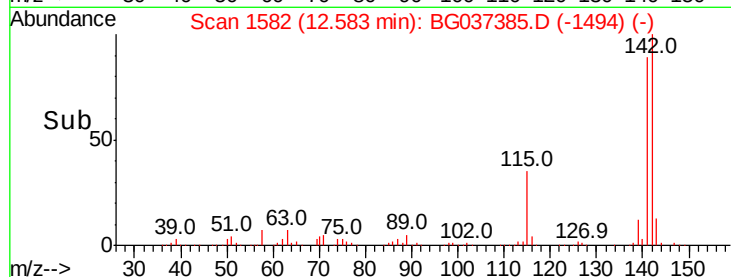
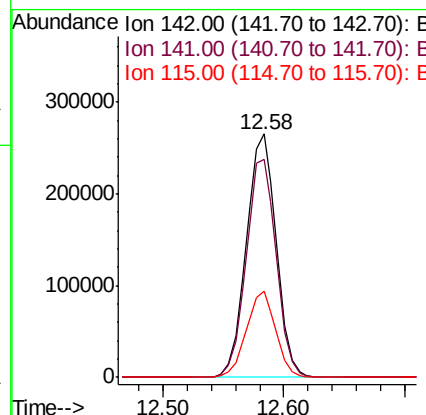
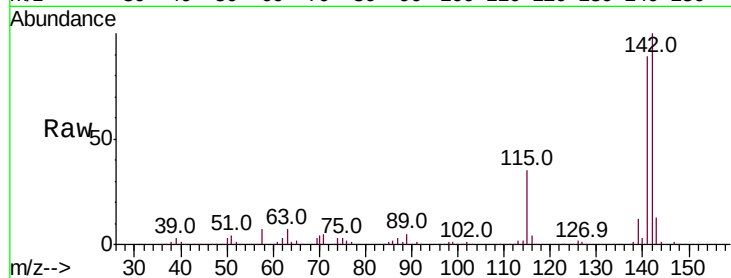




#37
 2-Methylnaphthalene
 Concen: 45.520 ng
 RT: 12.58 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

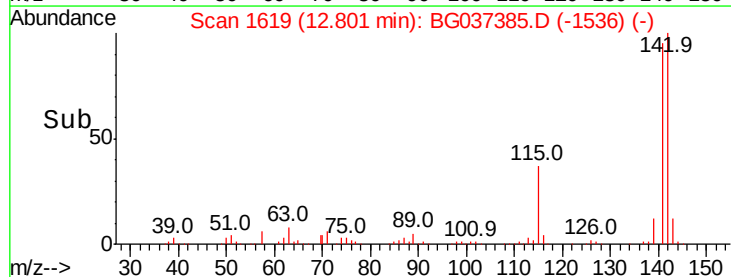
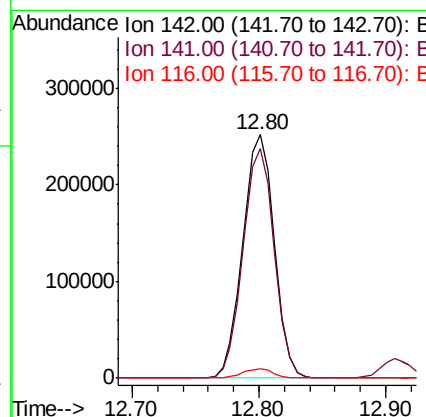
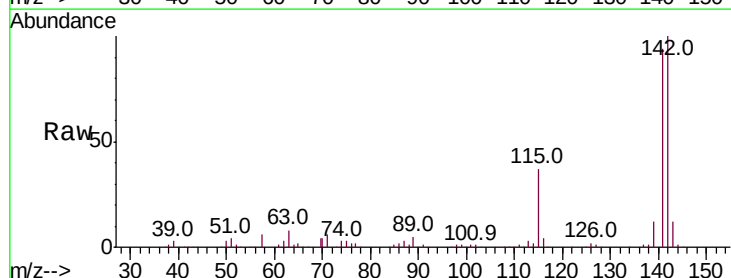
Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

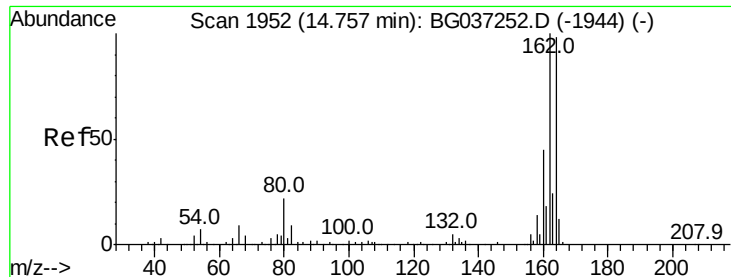
Tot Ion:142 Resp: 455594
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.9 107.9
 115 35.3 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 44.299 ng
 RT: 12.80 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:142 Resp: 433034
 Ion Ratio Lower Upper
 142 100
 141 94.5 75.2 112.8
 116 3.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

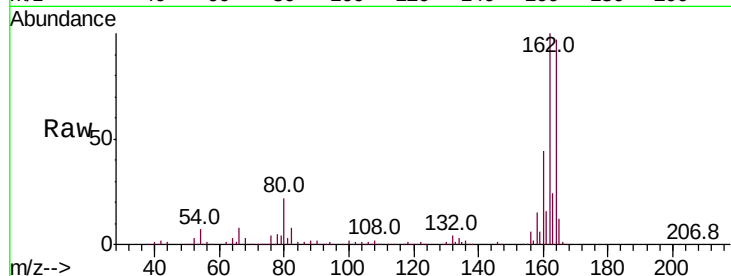
Tot Ion:164 Resp: 190698

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

160 45.0 36.3 54.5

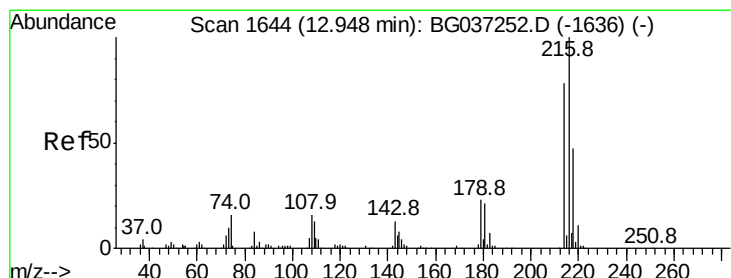
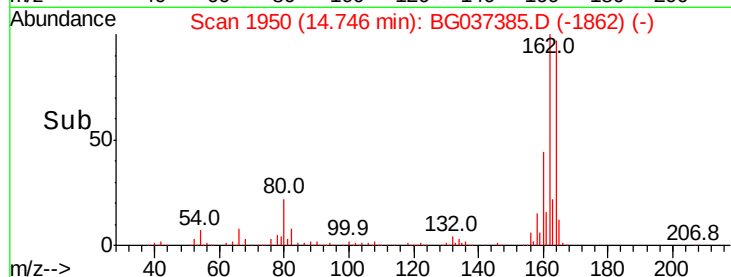
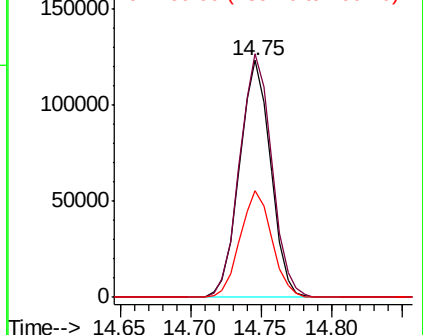


Abundance

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: 36.913 ng

RT: 12.94 min Scan# 1643

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Tgt Ion:216 Resp: 227962

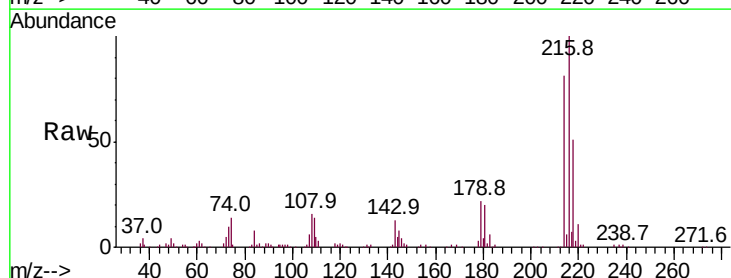
Ion Ratio Lower Upper

216 100

214 81.0 63.8 95.6

179 20.9 17.4 26.0

108 19.1 13.9 20.9



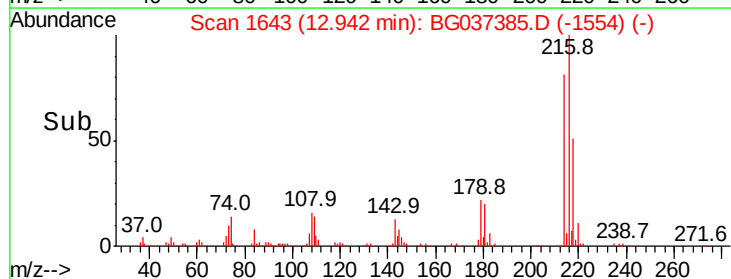
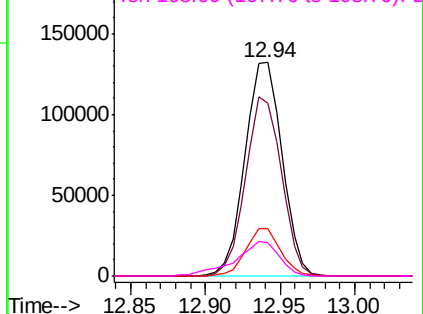
Abundance

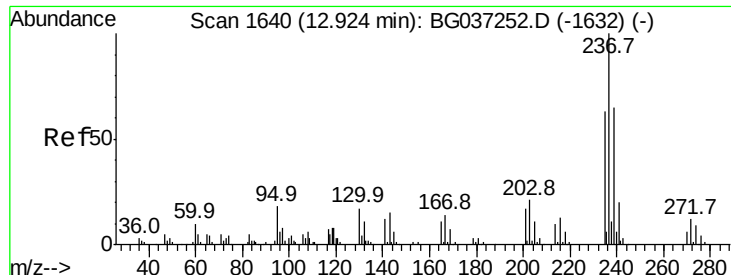
Ion 216.00 (215.70 to 216.70): E

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: 110.160 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

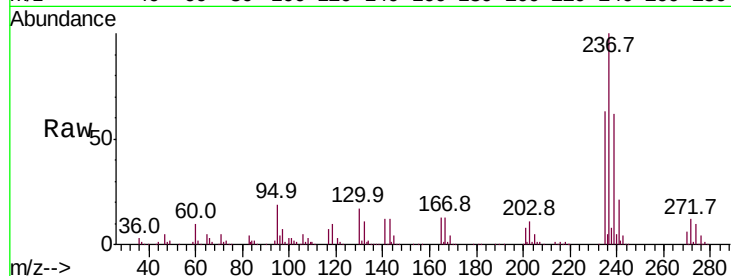
Tot Ion:237 Resp: 280456

Ion Ratio Lower Upper

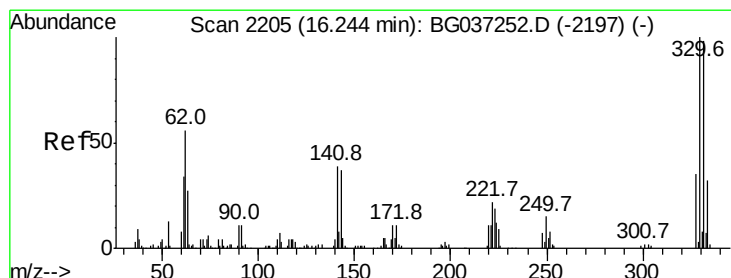
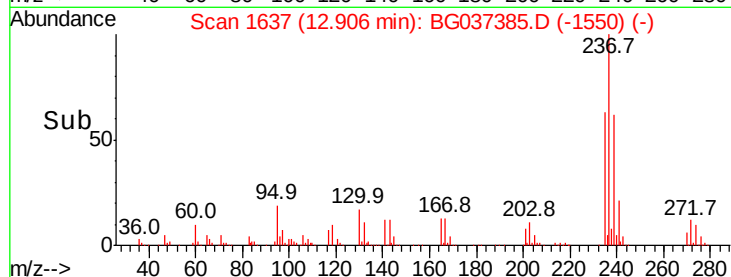
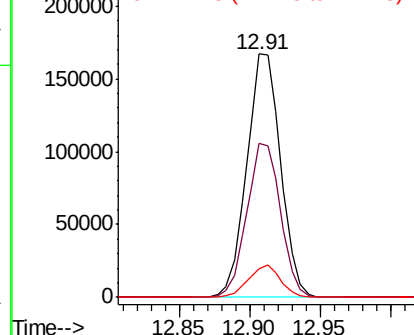
237 100

235 63.3 42.5 82.5

272 11.7 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: 149.756 ng

RT: 16.23 min Scan# 2203

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

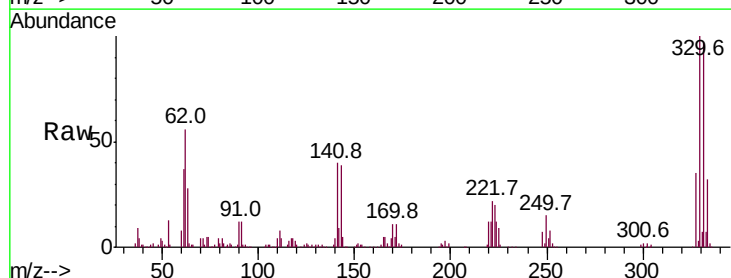
Tgt Ion:330 Resp: 280075

Ion Ratio Lower Upper

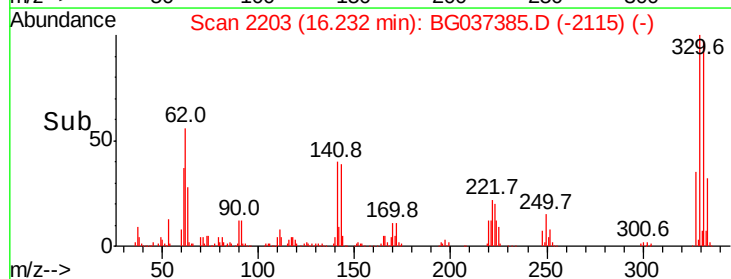
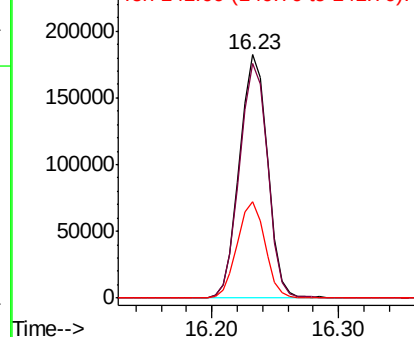
330 100

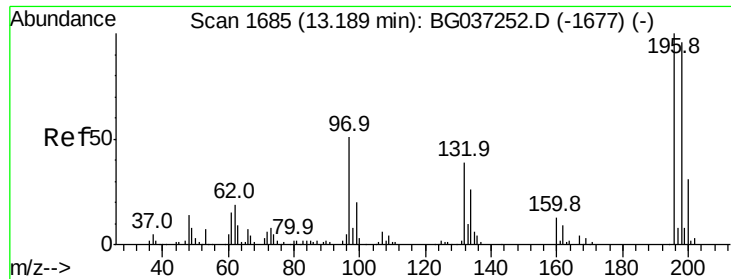
332 96.9 78.4 117.6

141 39.4 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

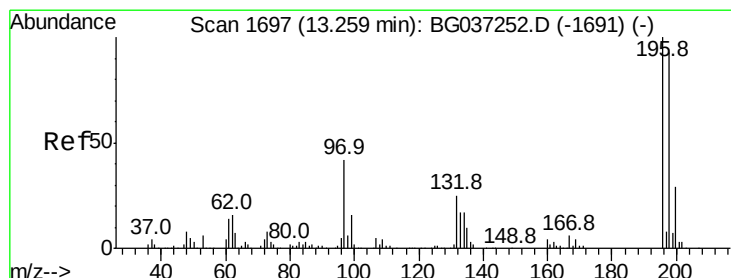
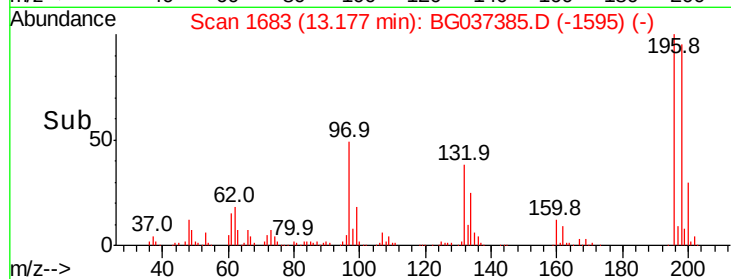
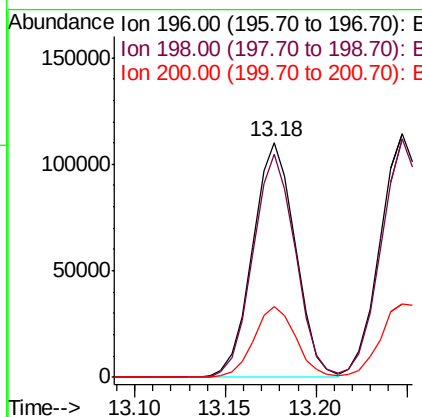
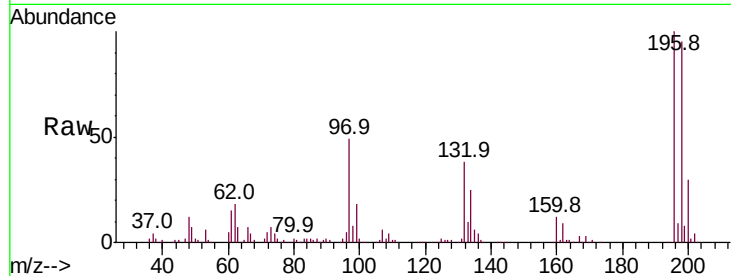




#43
 2,4,6-Trichlorophenol
 Concen: 50.315 ng
 RT: 13.18 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

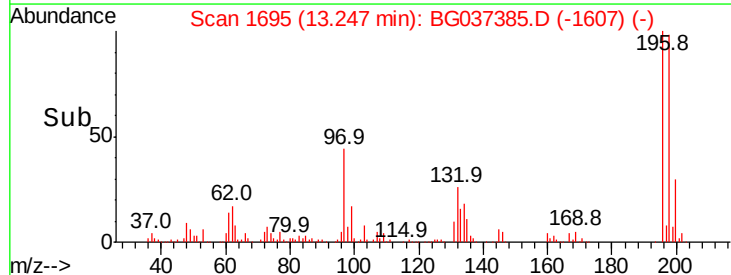
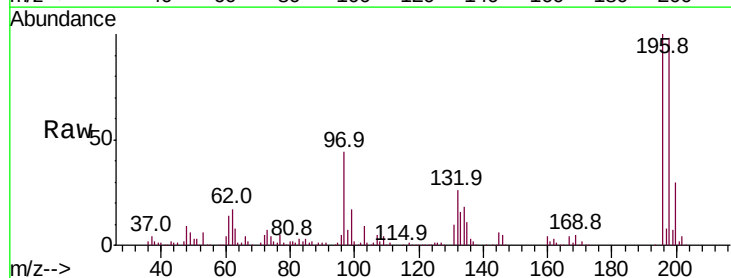
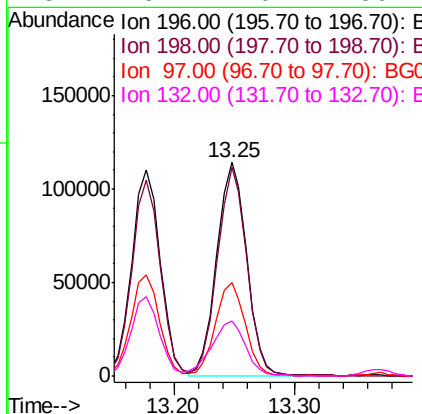
Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

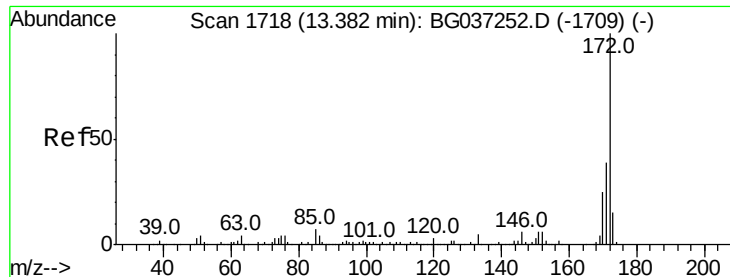
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.4	114.6
200	30.3	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 50.669 ng
 RT: 13.25 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.9	74.2	111.2
97	43.6	34.1	51.1
132	25.7	20.2	30.4

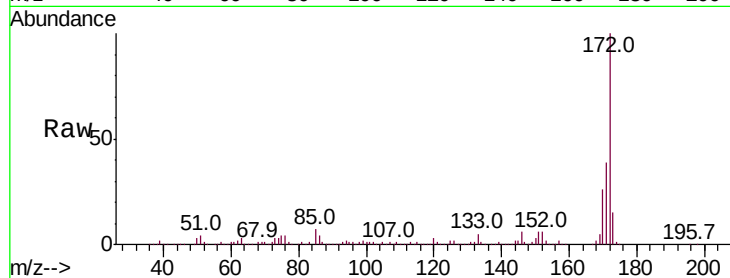




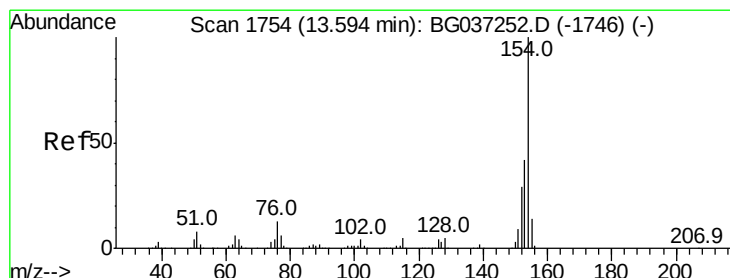
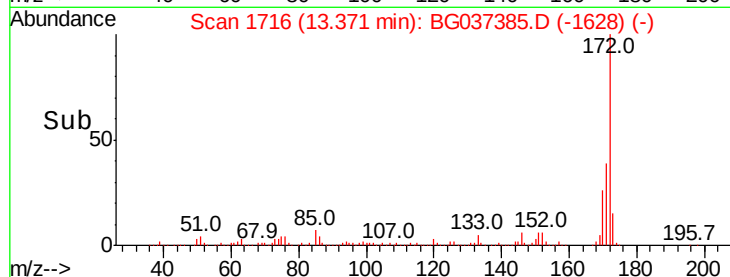
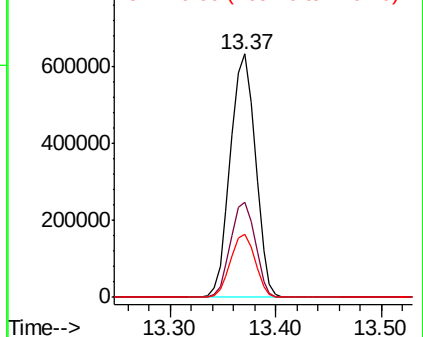
#45
 2-Fluorobiphenyl
 Concen: 81.792 ng
 RT: 13.37 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion:172 Resp: 1038613
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.0 46.4
 170 26.0 20.2 30.2

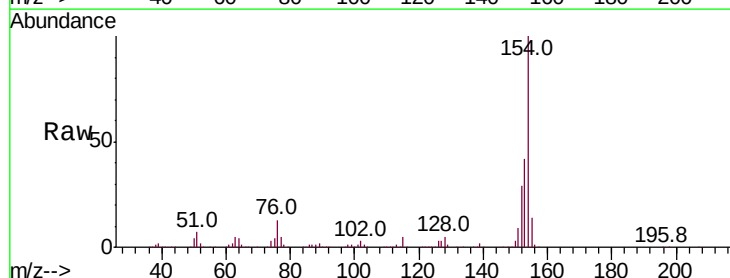


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

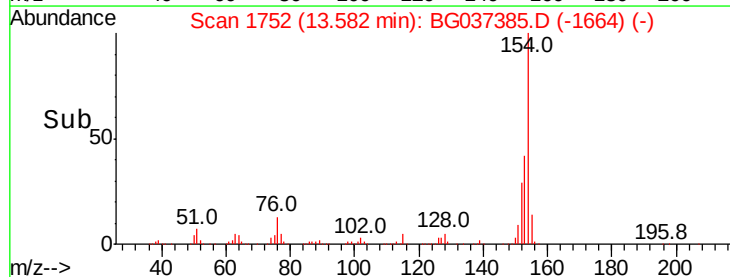
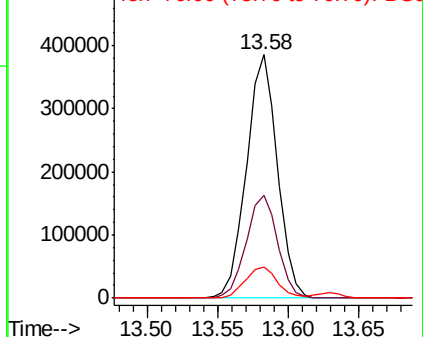


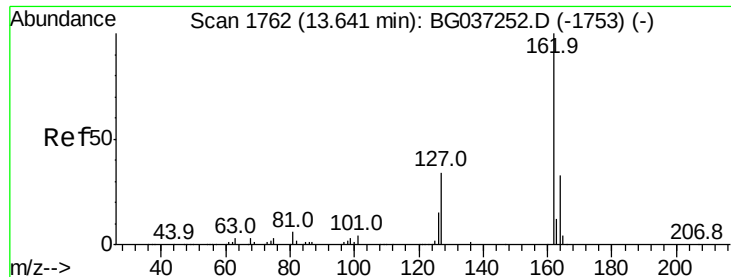
#46
 1,1'-Biphenyl
 Concen: 37.734 ng
 RT: 13.58 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:154 Resp: 591943
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 12.9 0.0 33.2



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





#47

2-Chloronaphthalene

Concen: 39.456 ng

RT: 13.63 min Scan# 1760

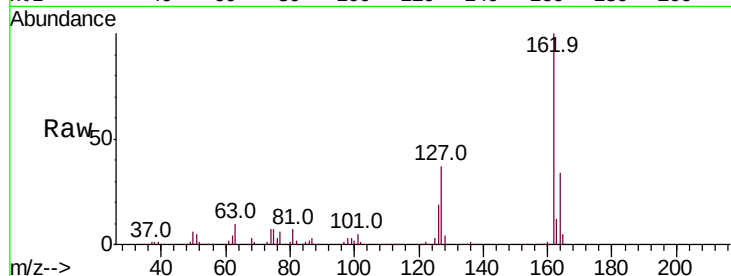
Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.5	30.5	45.7
164	34.2	26.4	39.6

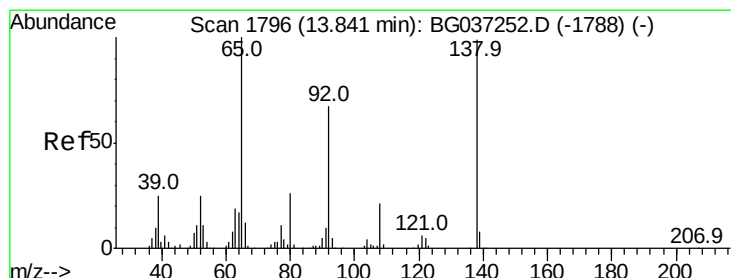
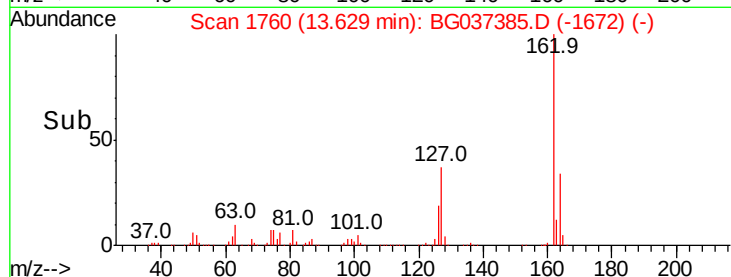
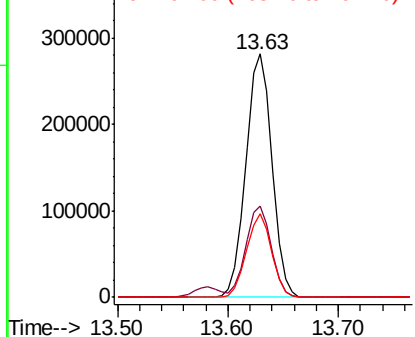


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 47.719 ng

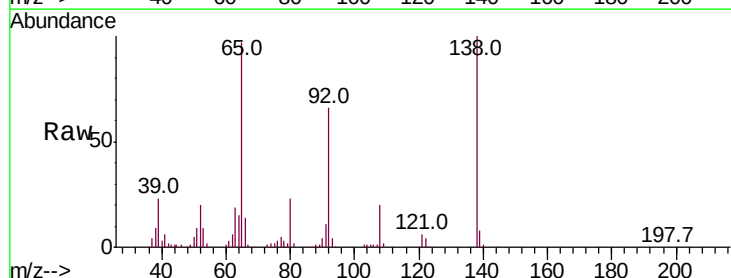
RT: 13.83 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.6	53.2	79.8
138	103.5	79.3	118.9

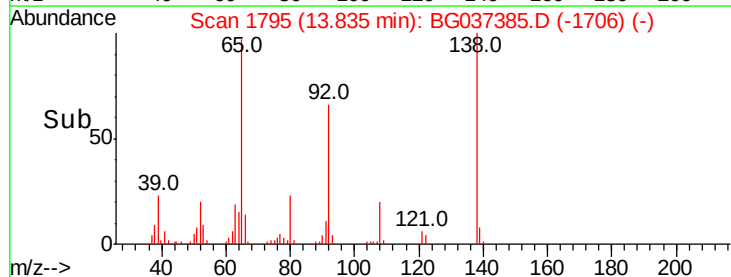
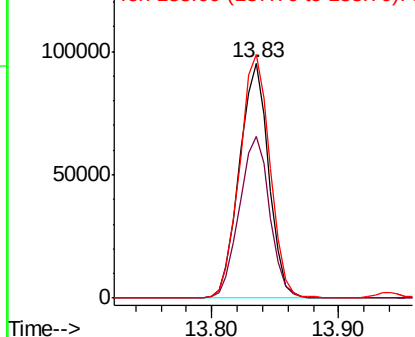


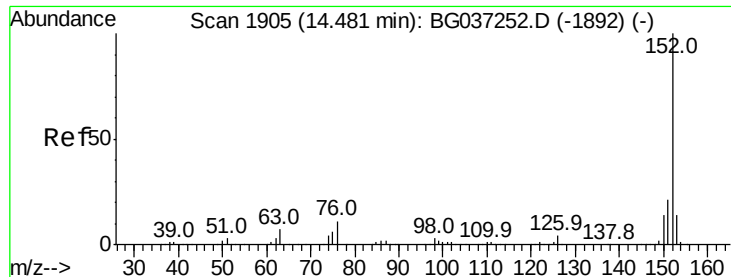
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.156 ng

RT: 14.48 min Scan# 1904

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

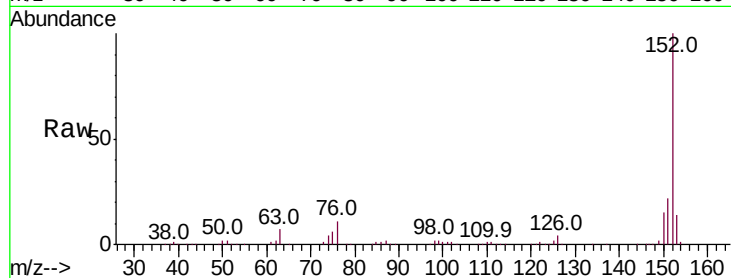
Tot Ion:152 Resp: 782262

Ion Ratio Lower Upper

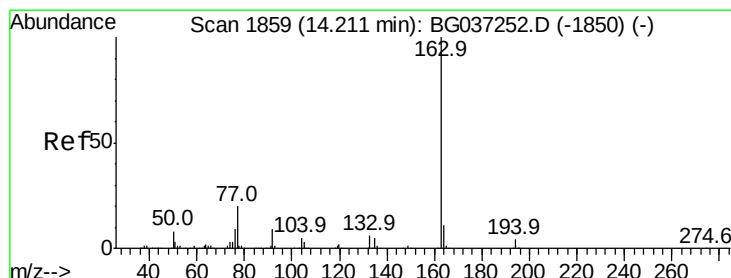
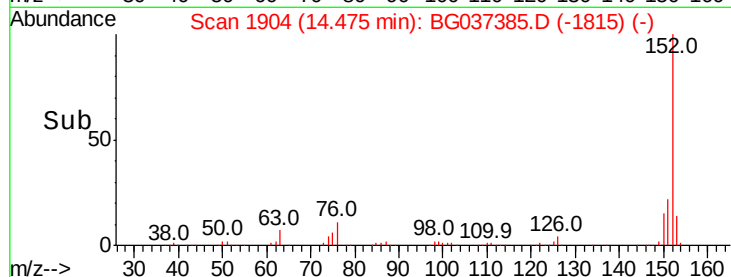
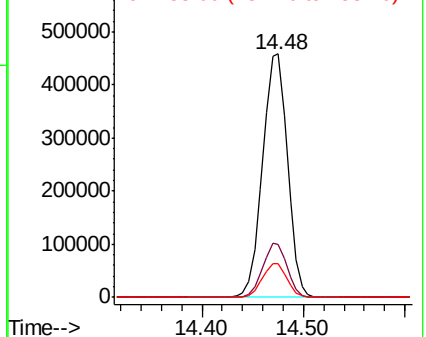
152 100

151 21.6 17.1 25.7

153 13.9 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.797 ng

RT: 14.20 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

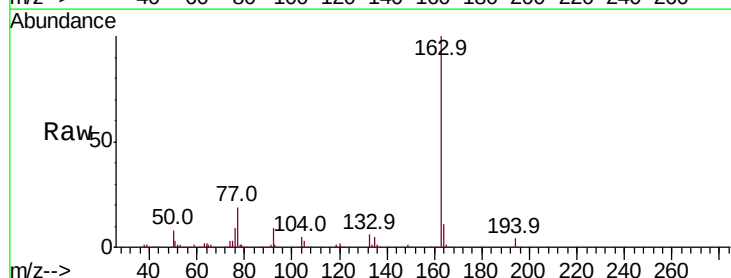
Tgt Ion:163 Resp: 626395

Ion Ratio Lower Upper

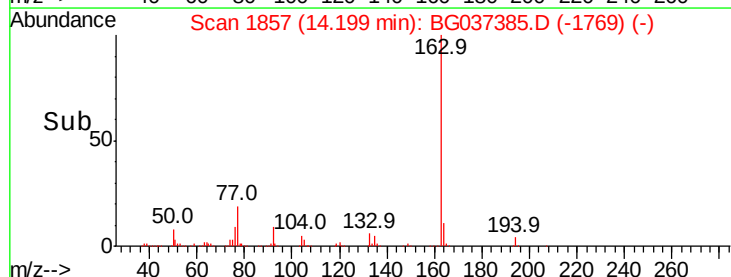
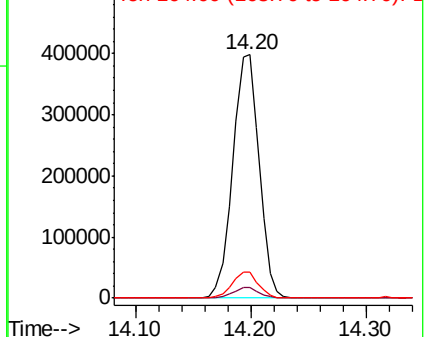
163 100

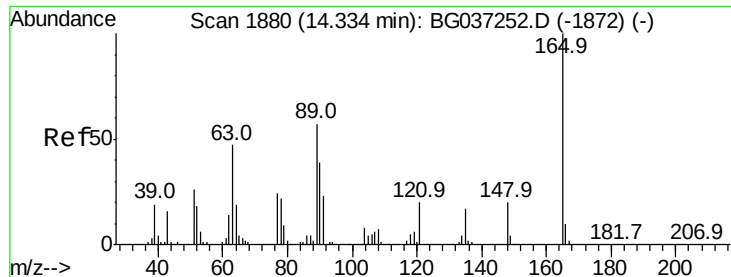
194 4.4 3.5 5.3

164 10.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.683 ng

RT: 14.32 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

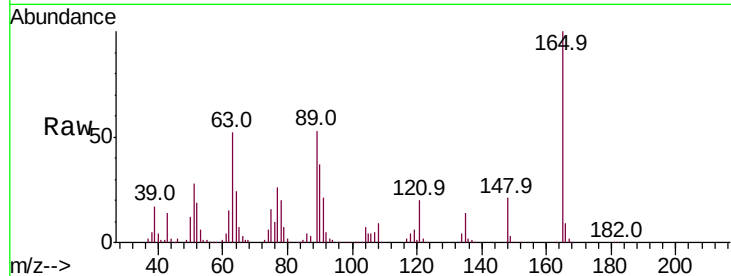
Tot Ion:165 Resp: 138705

Ion Ratio Lower Upper

165 100

63 52.5 43.4 65.2

89 53.3 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

120000

100000

80000

60000

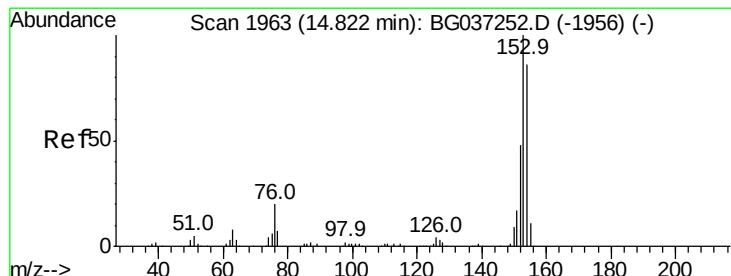
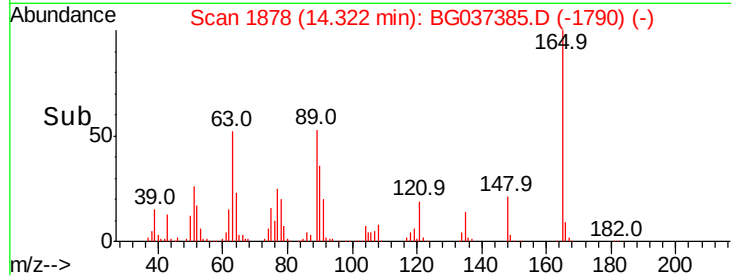
40000

20000

0

14.25 14.30 14.35 14.40

Time-->



#52

Acenaphthene

Concen: 40.615 ng

RT: 14.81 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

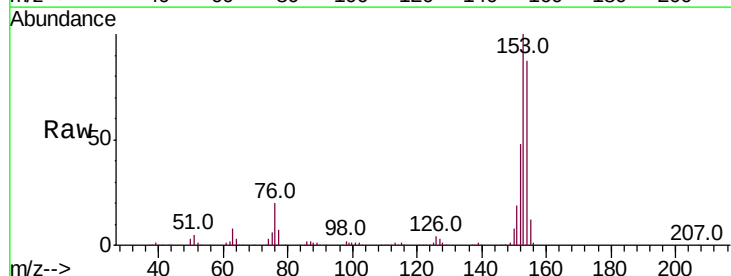
Tgt Ion:154 Resp: 454740

Ion Ratio Lower Upper

154 100

153 114.3 93.4 140.0

152 54.8 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

400000

300000

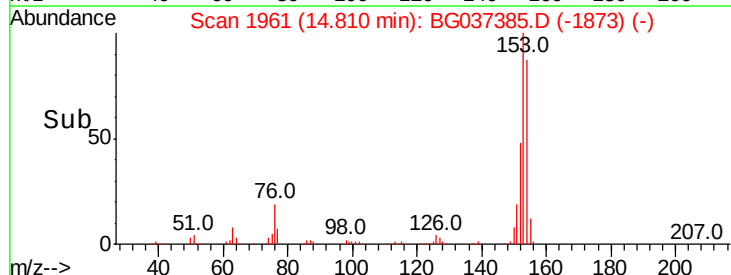
200000

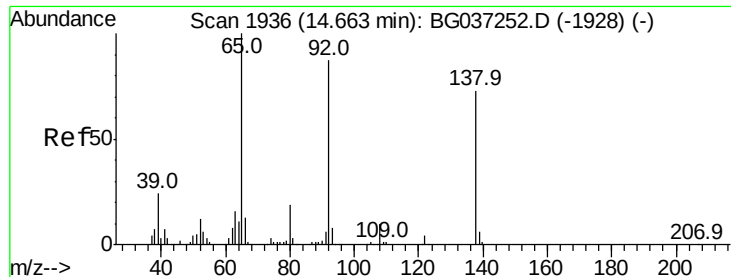
100000

0

14.75 14.80 14.85

Time-->

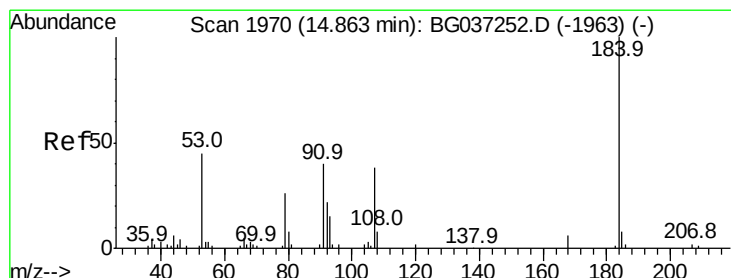
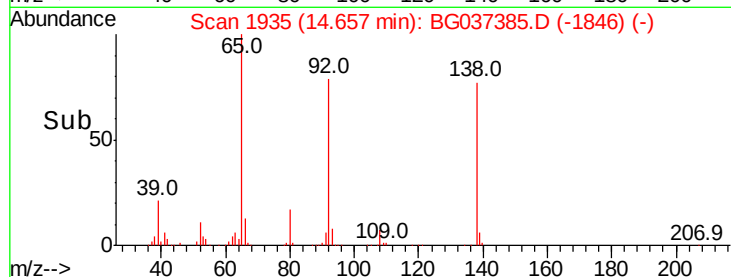
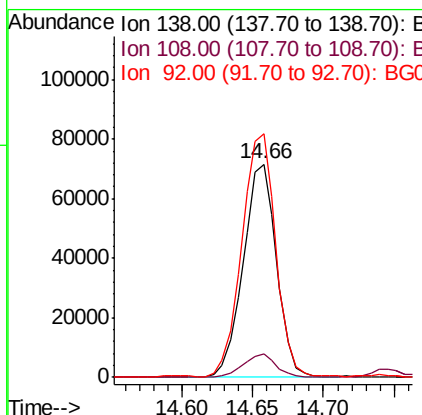
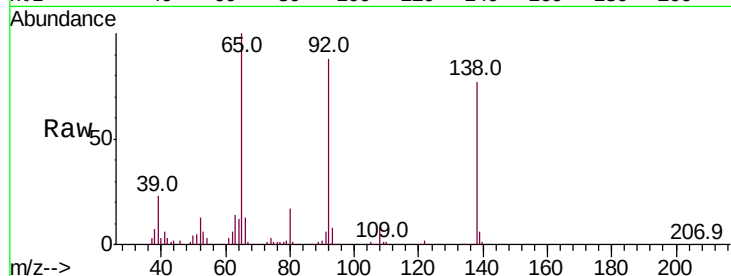




#53
3-Nitroaniline
Concen: 37.808 ng
RT: 14.66 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

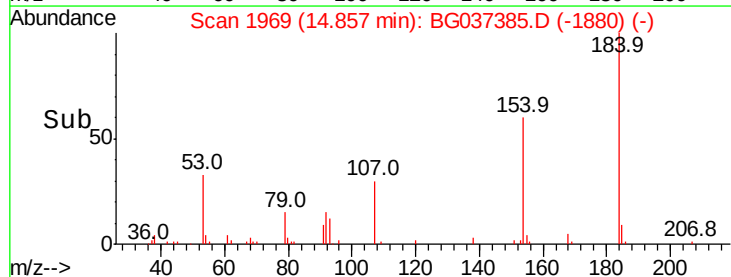
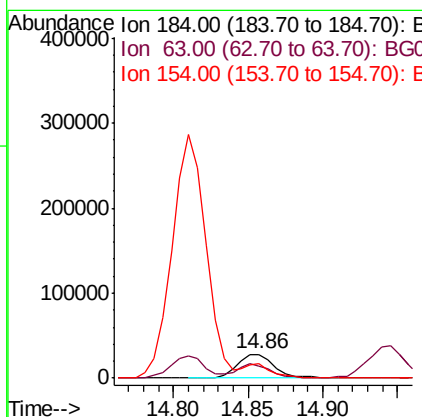
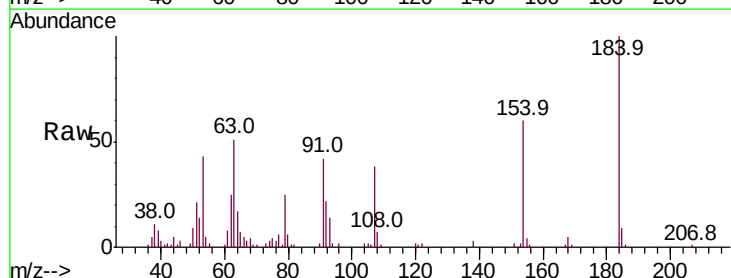
Instrument :
BNA_G
ClientSampleId :
PB113906BS

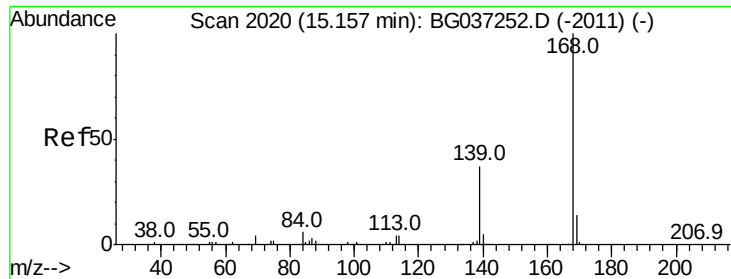
Tot Ion:138 Resp: 118548
Ion Ratio Lower Upper
138 100
108 10.9 11.0 16.6#
92 114.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 63.443 ng
RT: 14.86 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:184 Resp: 47576
Ion Ratio Lower Upper
184 100
63 50.7 42.6 63.8
154 59.5 41.8 62.6





#55

Dibenzofuran

Concen: 40.504 ng

RT: 15.15 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

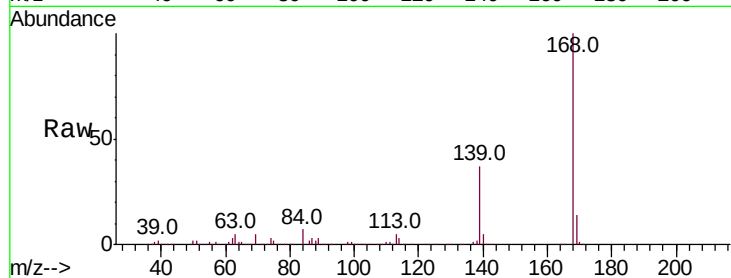
Tot Ion:168 Resp: 735867

Ion Ratio Lower Upper

168 100

139 37.4 29.4 44.0

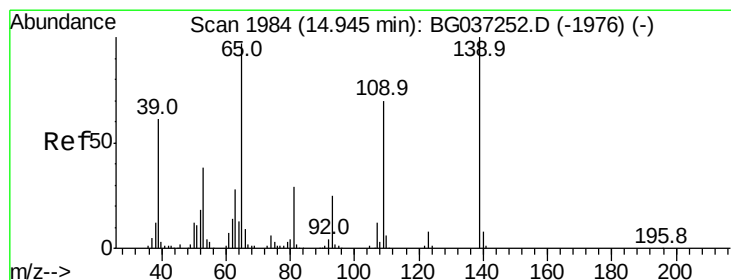
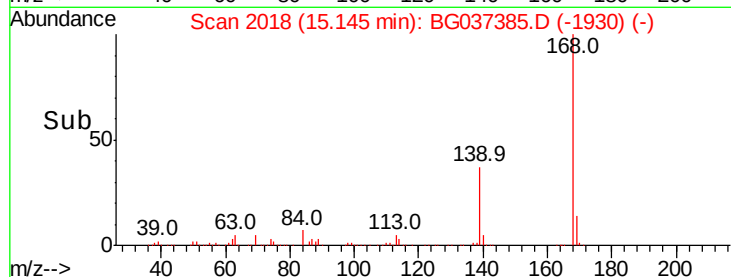
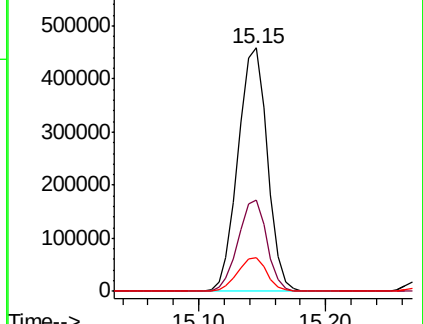
169 14.1 11.0 16.6



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: 94.842 ng

RT: 14.95 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

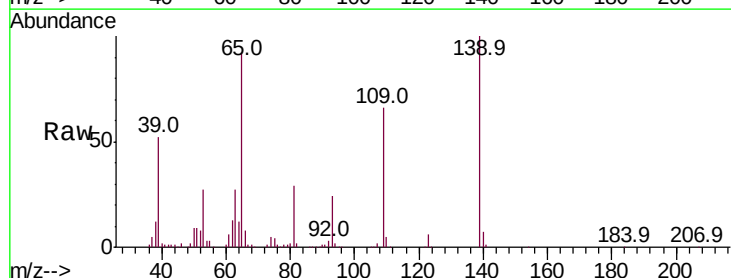
Tgt Ion:139 Resp: 231809

Ion Ratio Lower Upper

139 100

109 66.1 49.5 89.5

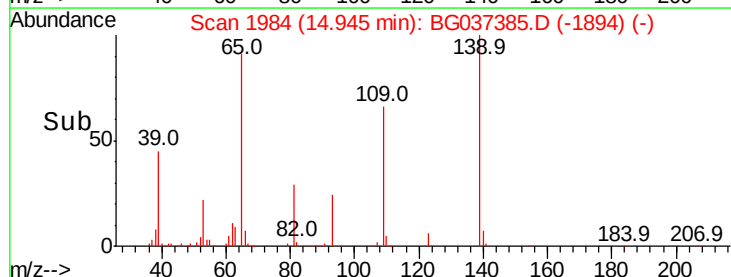
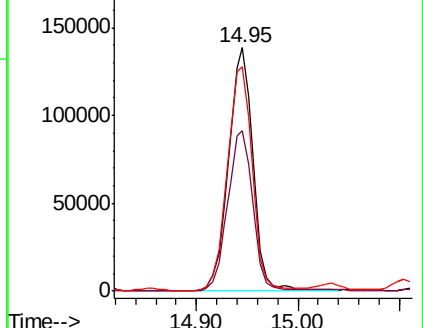
65 92.2 76.8 116.8

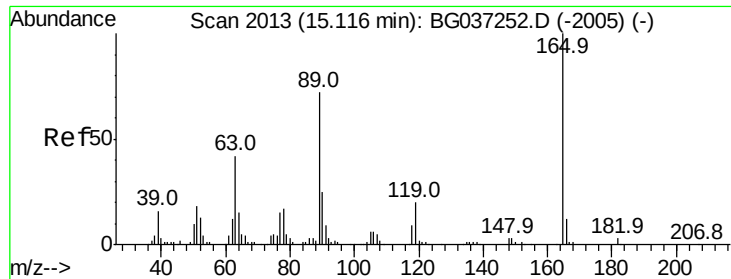


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

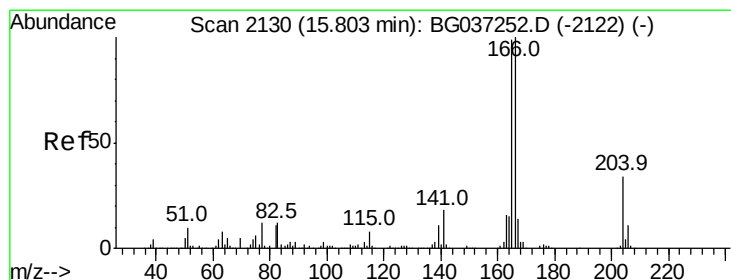
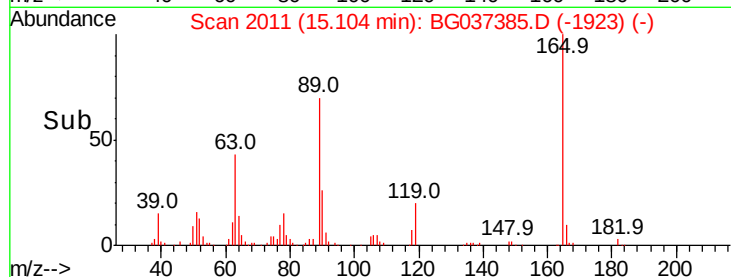
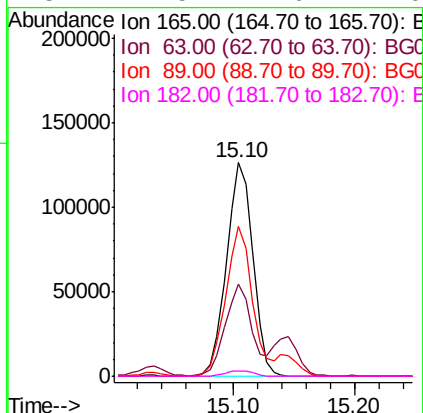
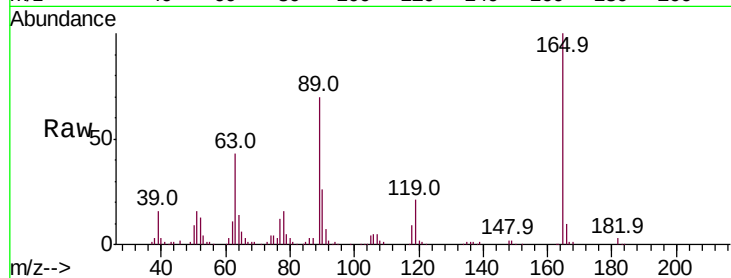




#57
 2,4-Dinitrotoluene
 Concen: 51.616 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

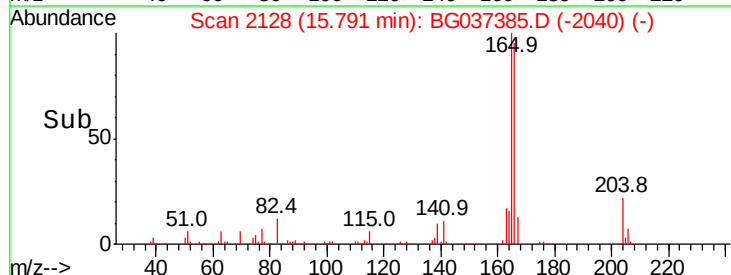
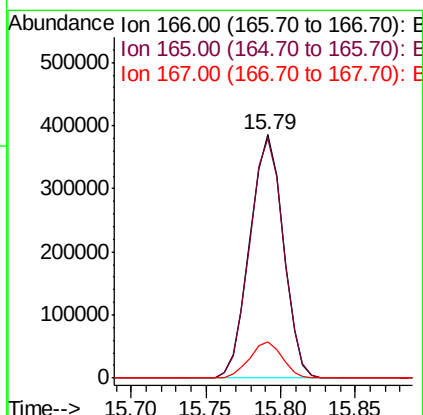
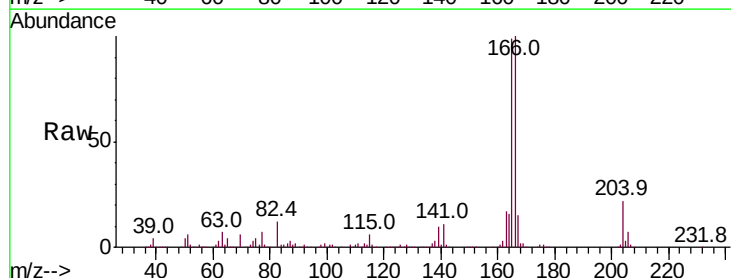
Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

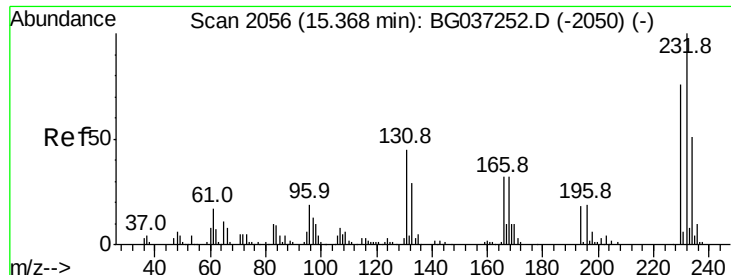
Tot Ion:165 Resp: 191837
 Ion Ratio Lower Upper
 165 100
 63 42.9 33.4 50.0
 89 70.3 57.2 85.8
 182 2.5 2.6 4.0#



#58
 Fluorene
 Concen: 43.526 ng
 RT: 15.79 min Scan# 2128
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:166 Resp: 598051
 Ion Ratio Lower Upper
 166 100
 165 98.6 79.0 118.6
 167 14.9 11.3 16.9





#59

2,3,4,6-Tetrachlorophenol

Concen: 50.237 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

Tot Ion:232 Resp: 171445

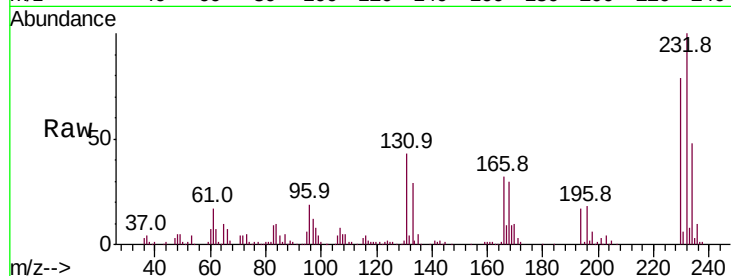
Ion Ratio Lower Upper

232 100

131 43.1 33.7 50.5

130 2.3 2.1 3.1

166 31.7 24.6 36.8

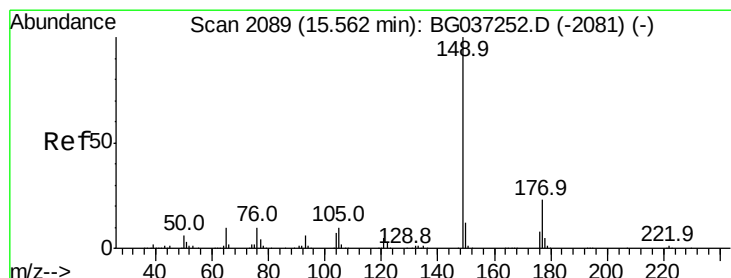
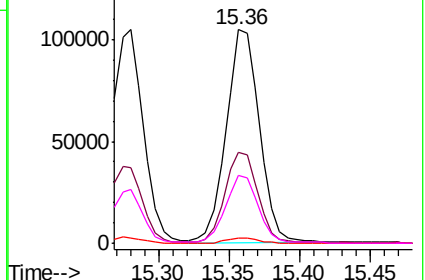
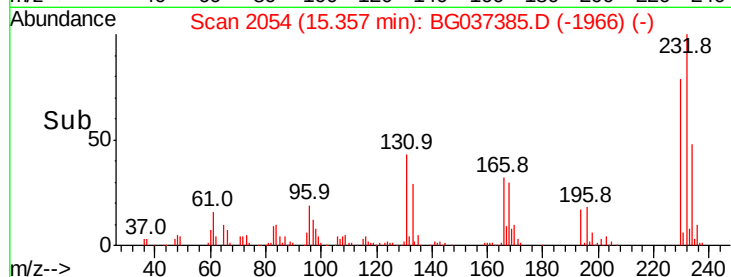


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 41.186 ng

RT: 15.55 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

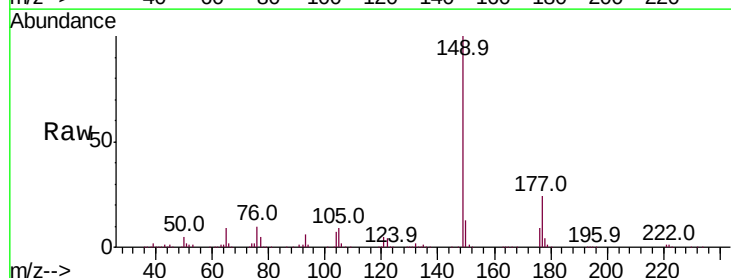
Tgt Ion:149 Resp: 639671

Ion Ratio Lower Upper

149 100

177 23.6 18.3 27.5

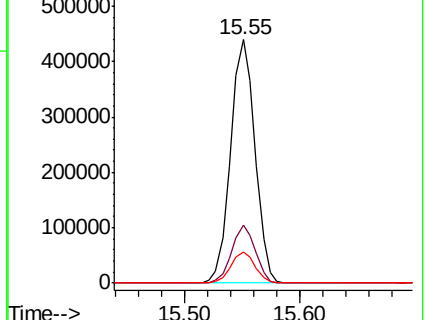
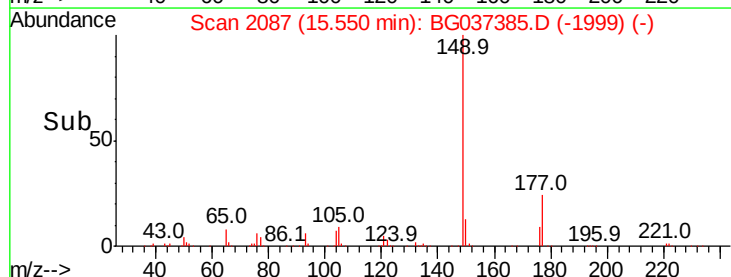
150 12.6 10.0 15.0

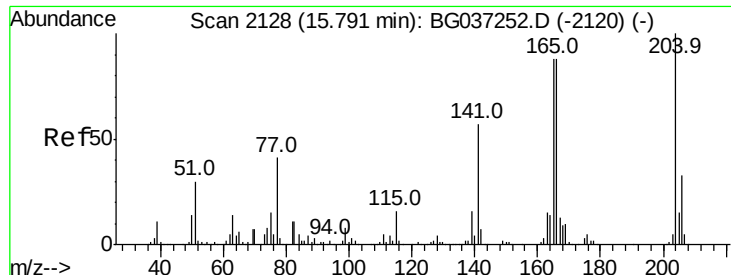


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

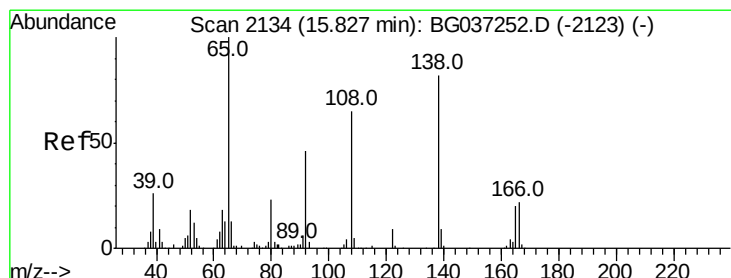
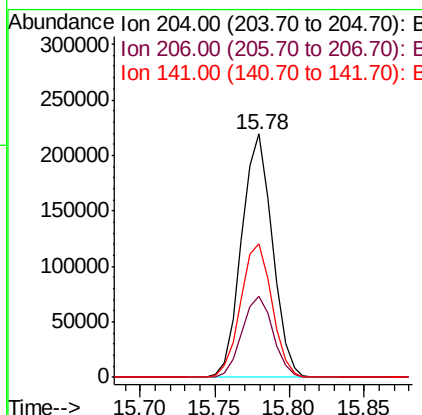
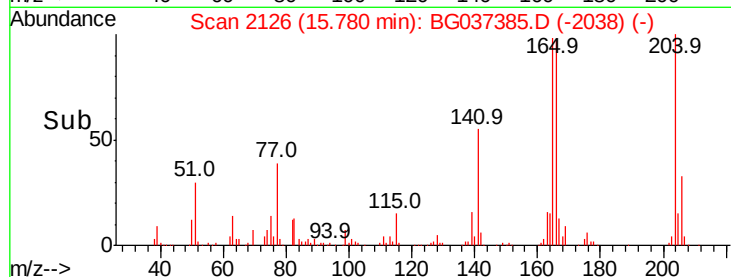
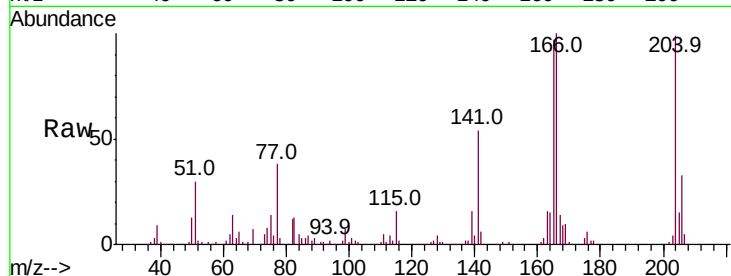




#61
 4-Chlorophenyl-phenylether
 Concen: 38.971 ng
 RT: 15.78 min Scan# 2126
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

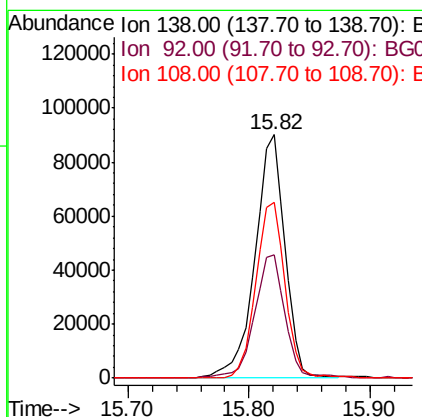
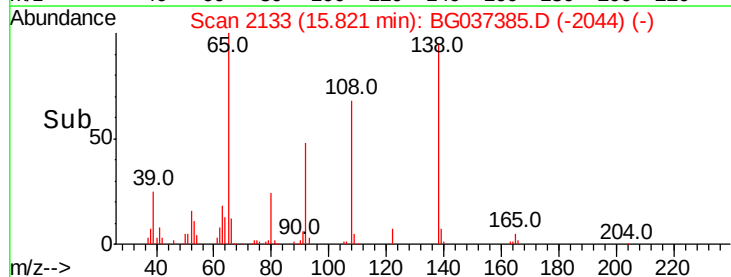
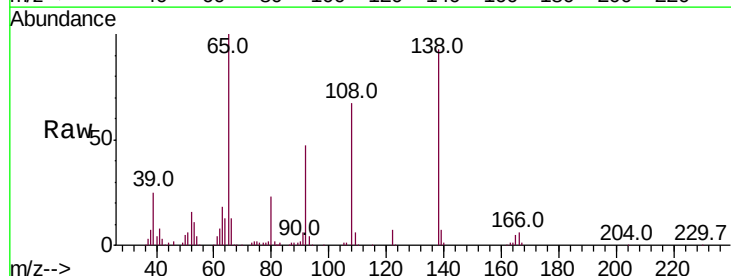
Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

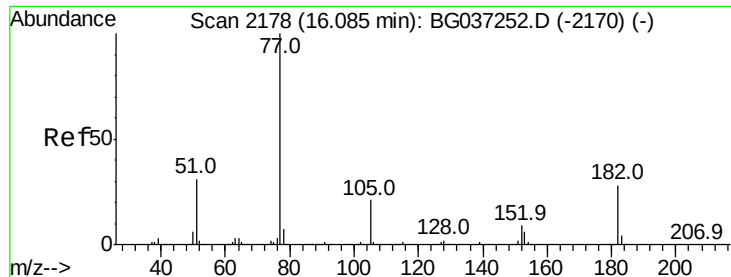
Tot Ion:	204	Resp:	312994
Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.6	39.8
141	55.0	45.4	68.2



#62
 4-Nitroaniline
 Concen: 47.158 ng
 RT: 15.82 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:	138	Resp:	155202
Ion	Ratio	Lower	Upper
138	100		
92	50.8	36.4	76.4
108	72.2	60.1	100.1





#63

Azobenzene

Concen: 39.945 ng

RT: 16.07 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

Tot Ion: 77 Resp: 594816

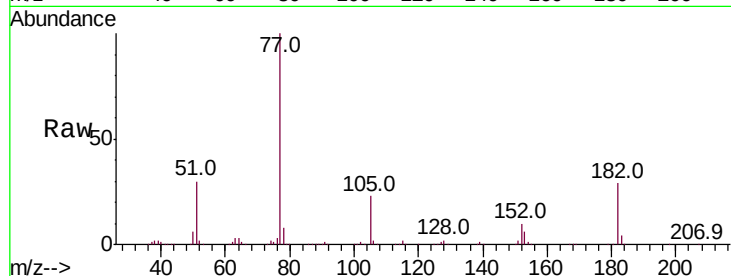
Ion Ratio Lower Upper

77 100

182 29.0 8.0 48.0

105 22.7 1.3 41.3

51 29.9 10.7 50.7

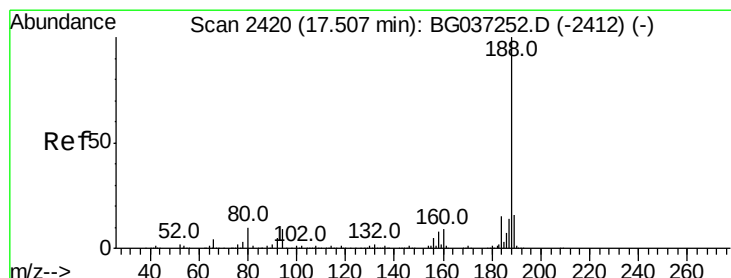
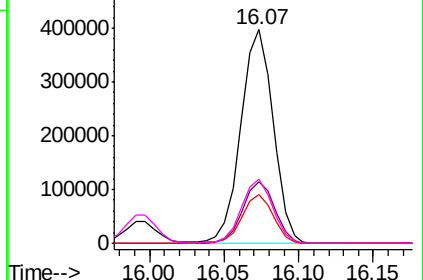
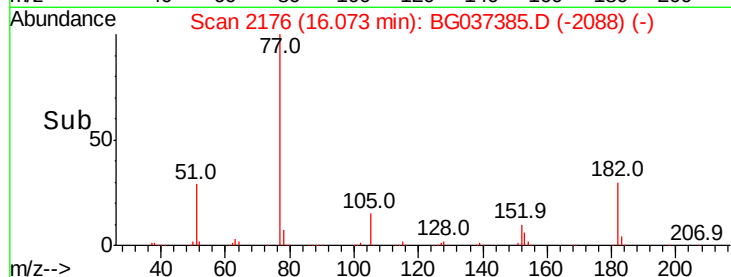


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.49 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

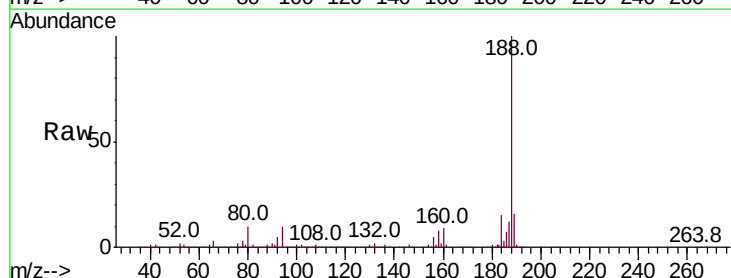
Tgt Ion: 188 Resp: 468661

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

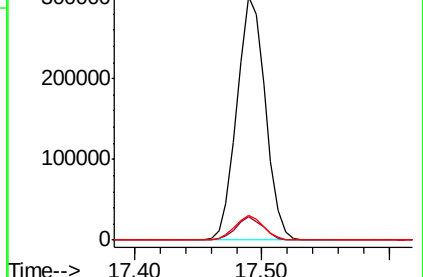
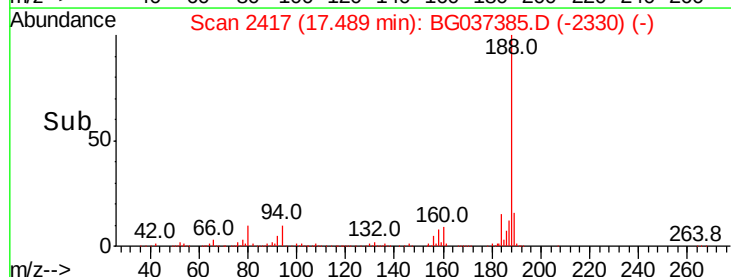
80 10.3 7.7 11.5

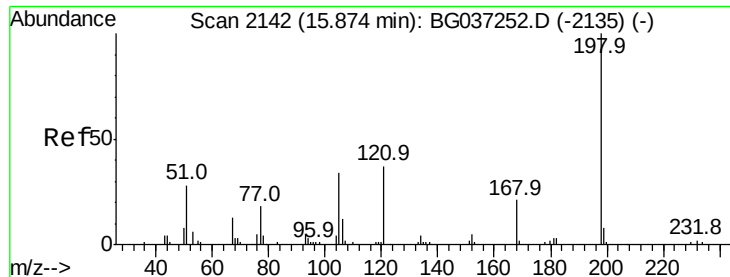


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

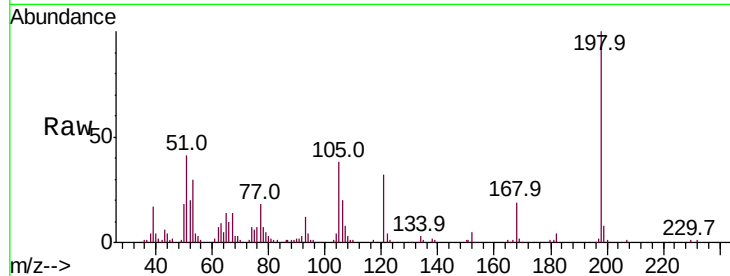




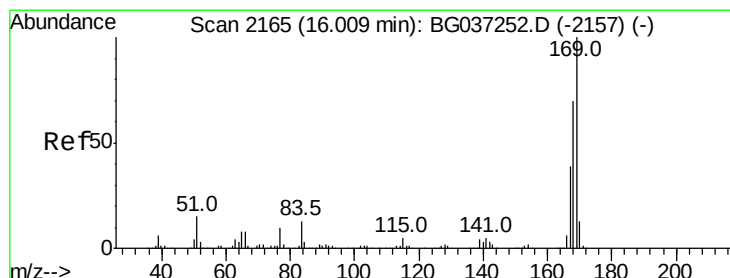
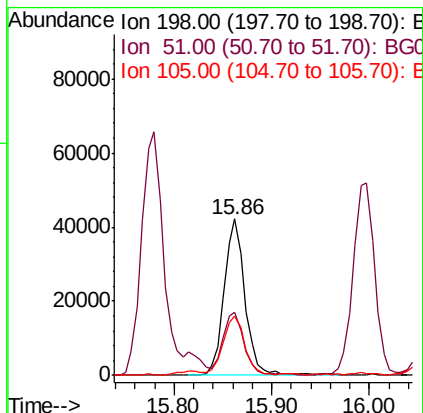
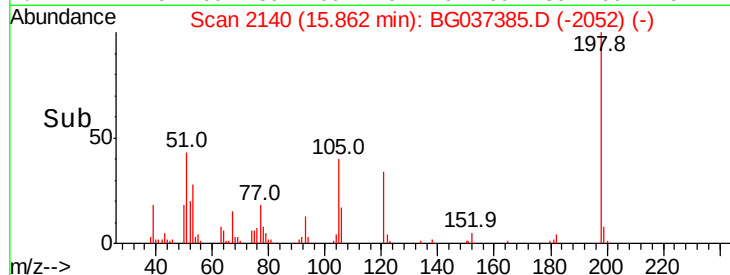
#65
 4,6-Dinitro-2-methylphenol
 Concen: 43.599 ng
 RT: 15.86 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion:198 Resp: 63044
 Ion Ratio Lower Upper
 198 100
 51 40.6 22.7 62.7
 105 38.2 19.7 59.7

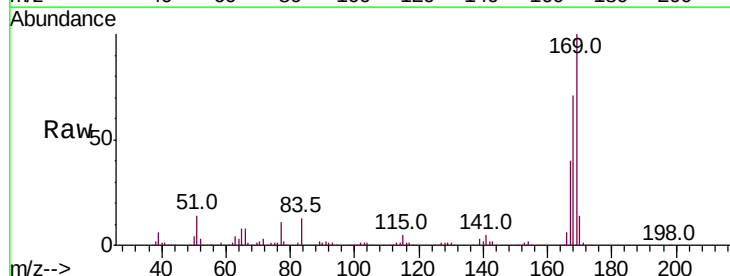


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

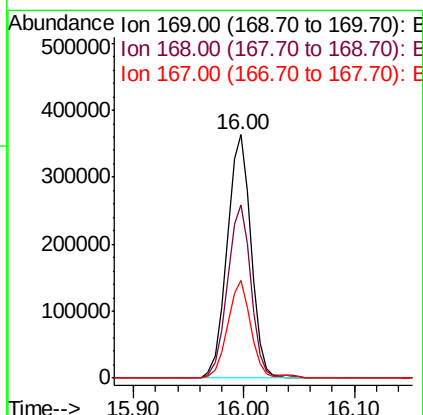
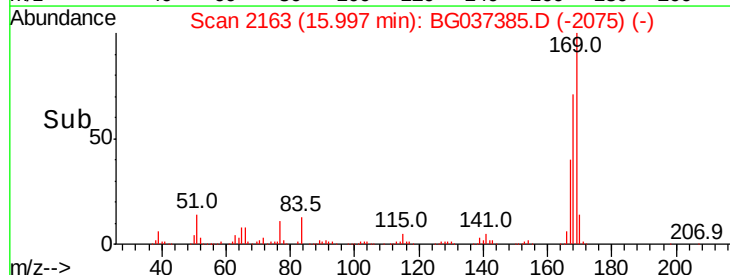


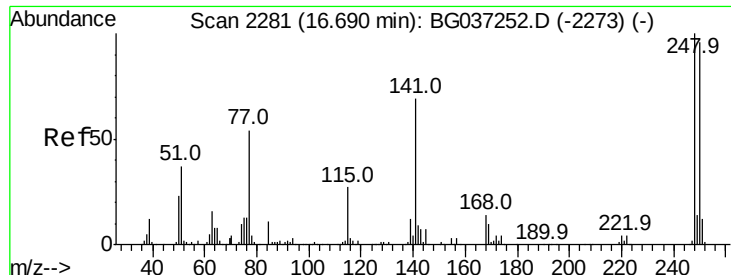
#66
 n-Nitrosodiphenylamine
 Concen: 39.913 ng
 RT: 16.00 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:169 Resp: 549333
 Ion Ratio Lower Upper
 169 100
 168 71.4 55.7 83.5
 167 39.9 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

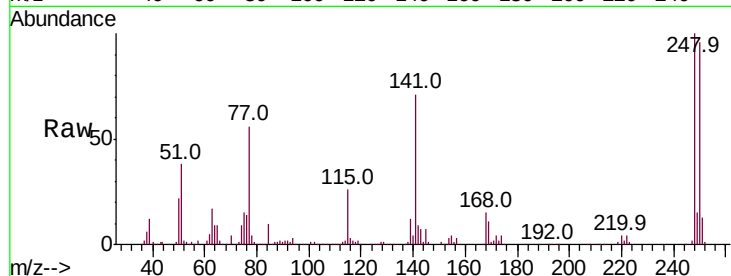




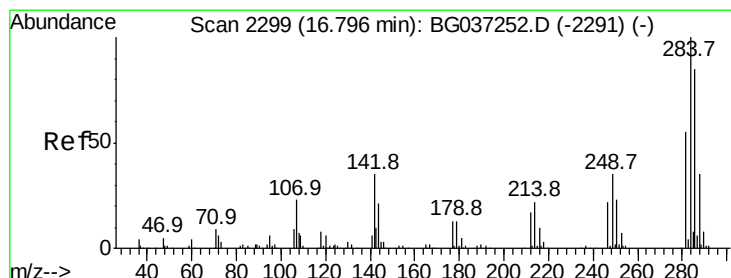
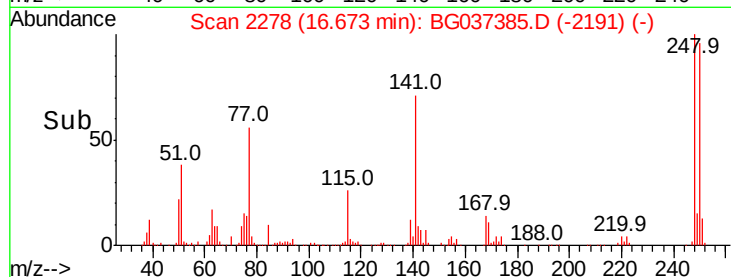
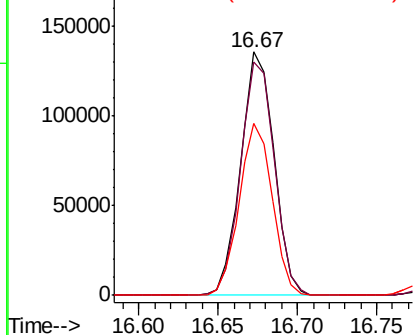
#67
 4-Bromophenyl-phenylether
 Concen: 39.204 ng
 RT: 16.67 min Scan# 2278
 Delta R.T. -0.02 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion:248 Resp: 198293
 Ion Ratio Lower Upper
 248 100
 250 95.7 77.0 115.6
 141 70.8 55.5 83.3

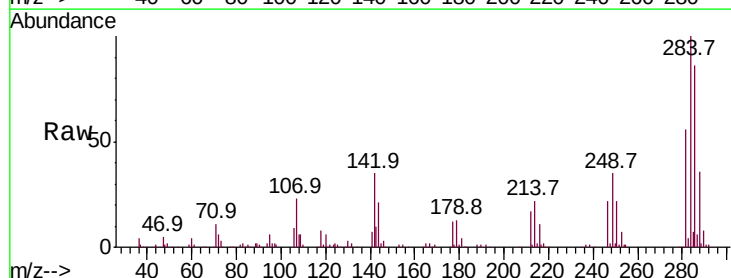


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

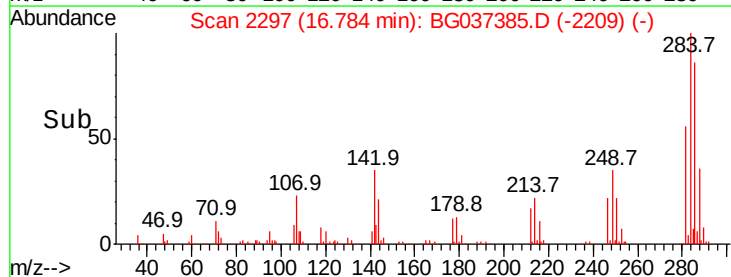
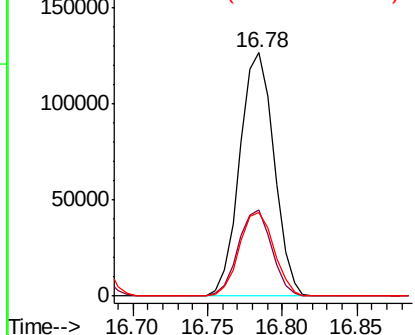


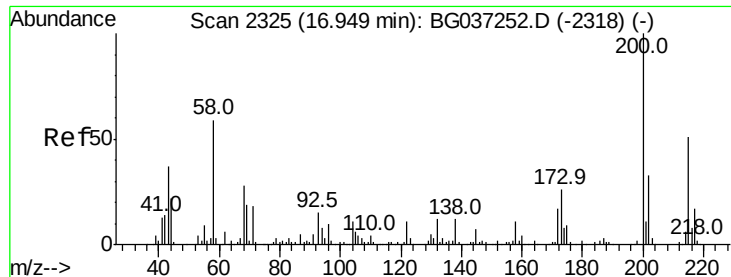
#68
 Hexachlorobenzene
 Concen: 38.479 ng
 RT: 16.78 min Scan# 2297
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:284 Resp: 201794
 Ion Ratio Lower Upper
 284 100
 142 35.5 28.1 42.1
 249 37.0 29.8 44.8



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.755 ng

RT: 16.94 min Scan# 2323

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

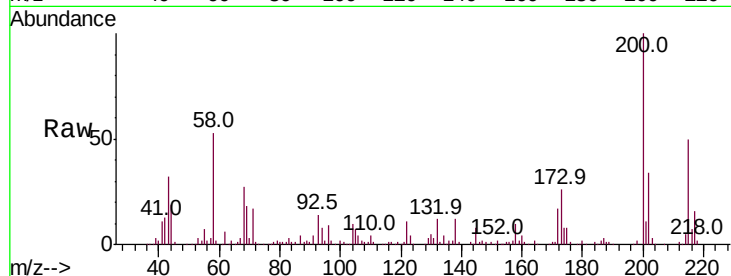
Tot Ion:200 Resp: 213594

Ion Ratio Lower Upper

200 100

173 25.5 6.1 46.1

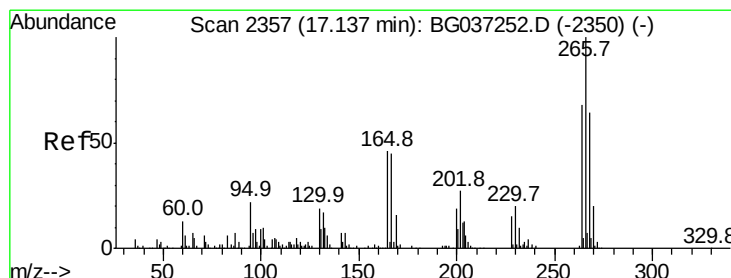
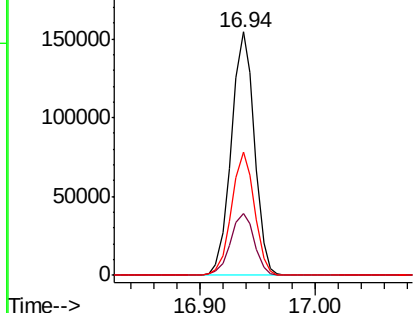
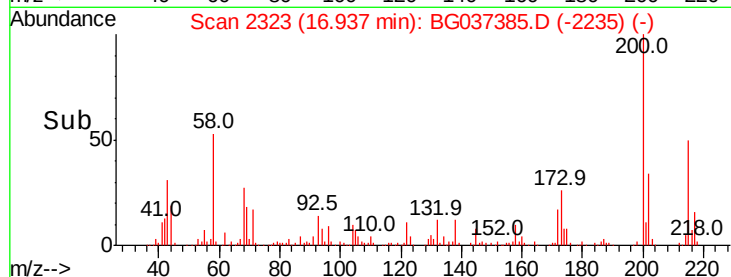
215 50.4 30.8 70.8



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: 67.399 ng

RT: 17.13 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

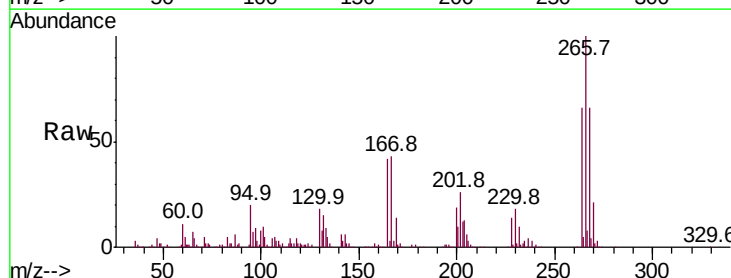
Tgt Ion:266 Resp: 228045

Ion Ratio Lower Upper

266 100

268 69.9 55.0 82.6

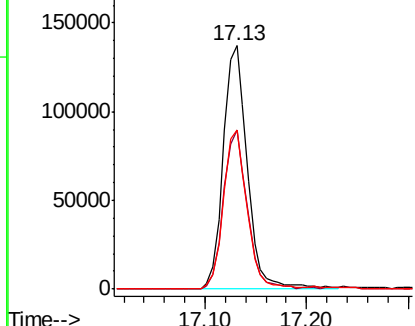
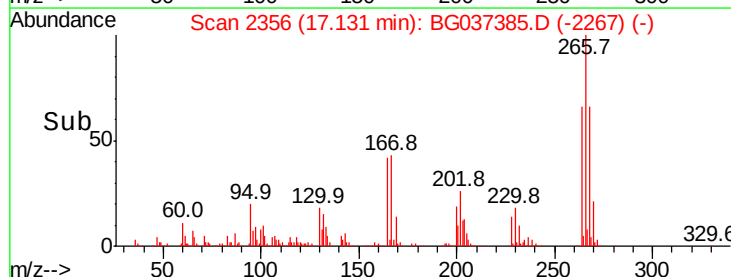
264 70.6 58.9 88.3

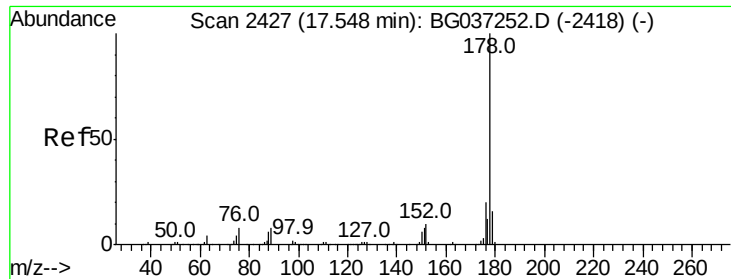


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

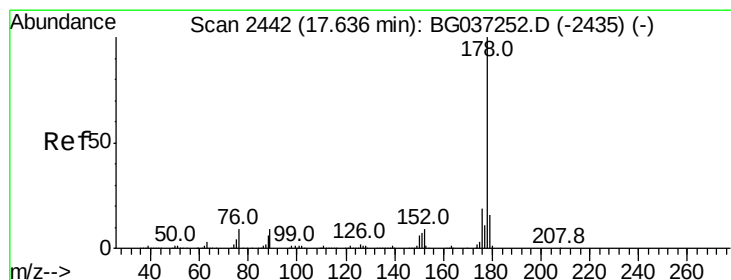
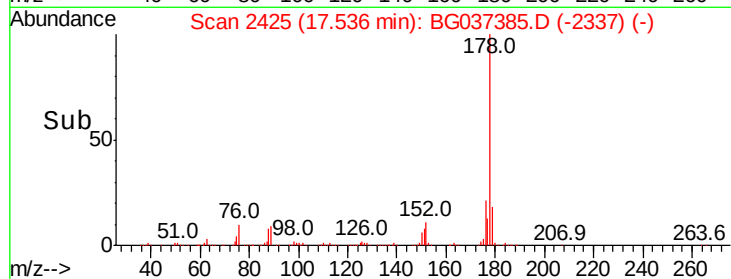
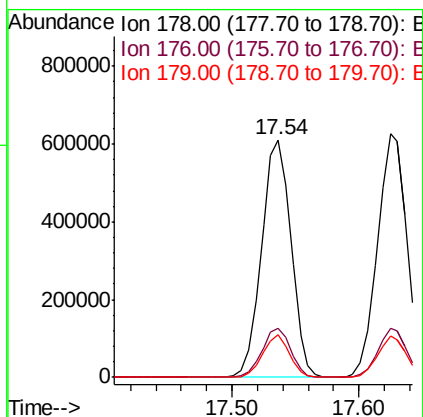
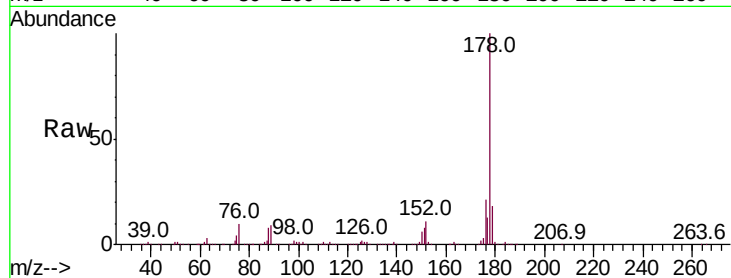




#71
Phenanthrene
Concen: 41.395 ng
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

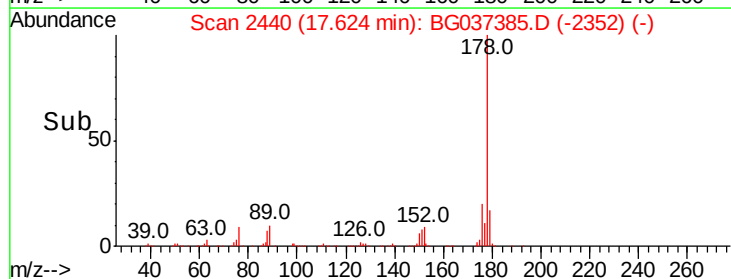
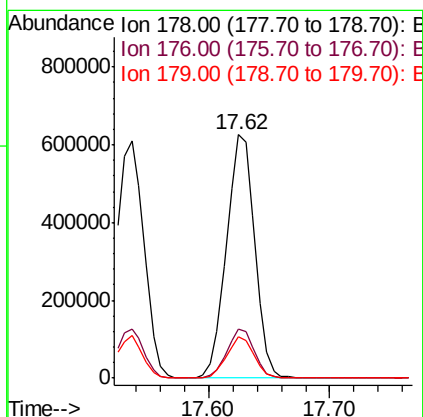
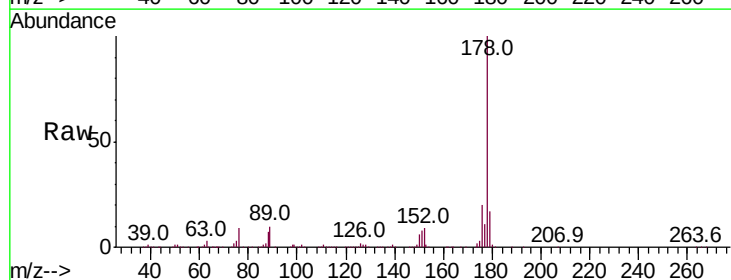
Instrument :
BNA_G
ClientSampleId :
PB113906BS

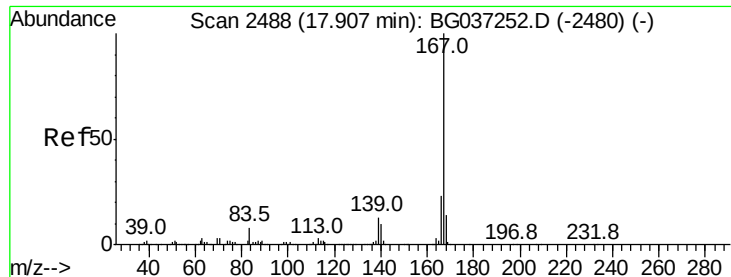
Tot Ion:178 Resp: 987538
Ion Ratio Lower Upper
178 100
176 20.8 16.1 24.1
179 17.7 13.0 19.4



#72
Anthracene
Concen: 43.351 ng
RT: 17.62 min Scan# 2440
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:178 Resp: 1012282
Ion Ratio Lower Upper
178 100
176 20.2 15.0 22.4
179 17.2 12.8 19.2

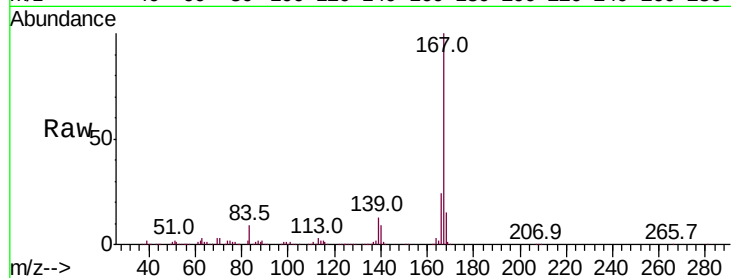




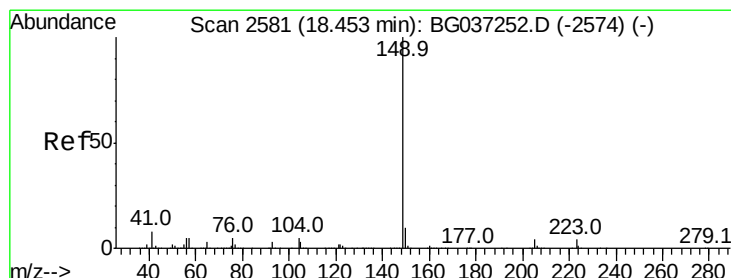
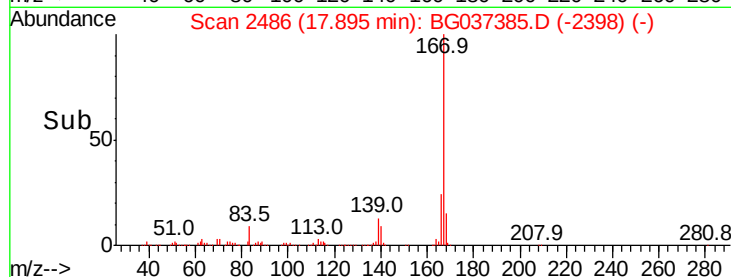
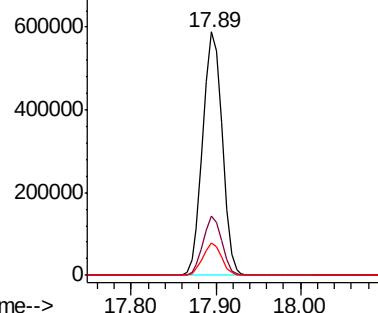
#73
 Carbazole
 Concen: 38.735 ng
 RT: 17.89 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Instrument :
 BNA_G
 ClientSampleId :
 PB113906BS

Tot Ion:167 Resp: 931926
 Ion Ratio Lower Upper
 167 100
 166 24.2 18.3 27.5
 139 13.1 10.5 15.7

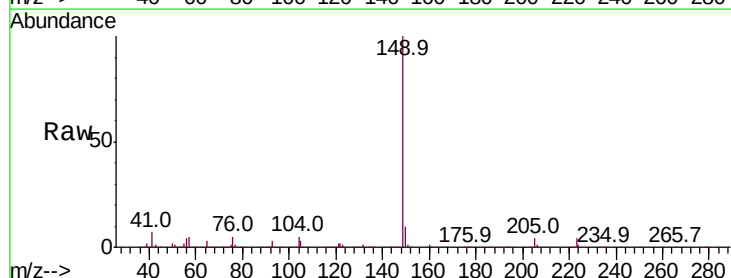


Abundance Ion 167.00 (166.70 to 167.70): E
 800000
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

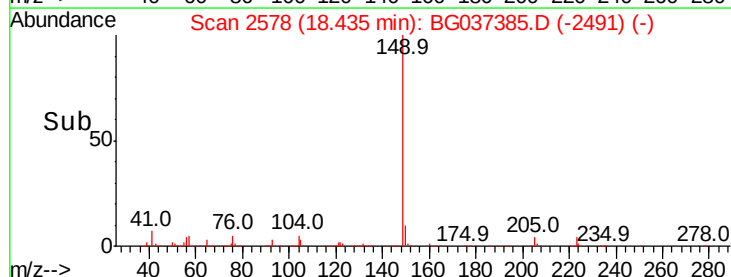
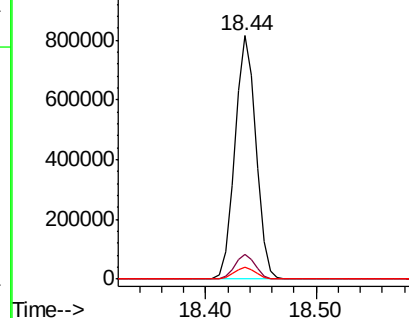


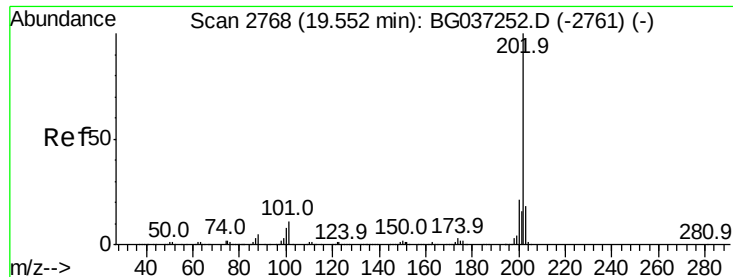
#74
 Di-n-butylphthalate
 Concen: 42.200 ng
 RT: 18.44 min Scan# 2578
 Delta R.T. -0.02 min
 Lab File: BG037385.D
 Acq: 17 Oct 2018 10:50

Tgt Ion:149 Resp: 1088217
 Ion Ratio Lower Upper
 149 100
 150 10.4 8.2 12.2
 104 5.0 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 1000000
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.322 ng

RT: 19.54 min Scan# 2766

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

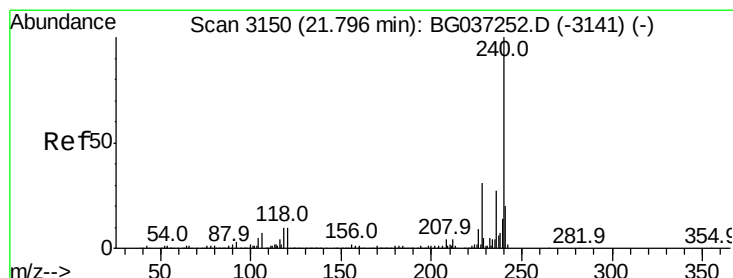
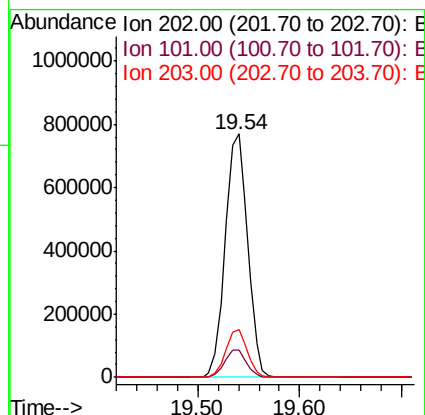
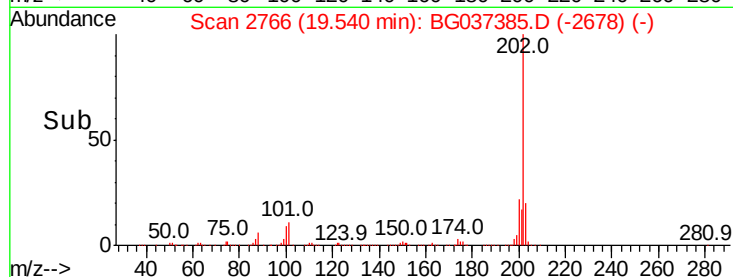
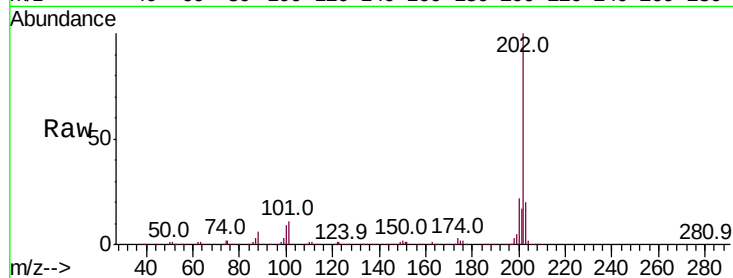
Tot Ion:202 Resp: 1180078

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.7

203 19.5 0.0 38.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

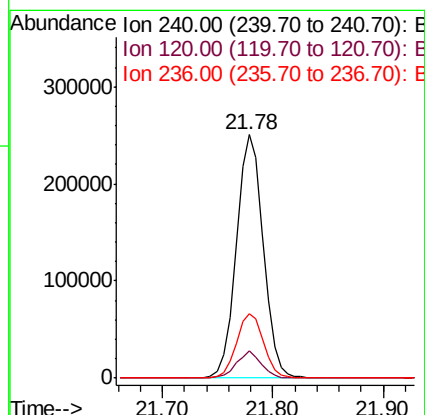
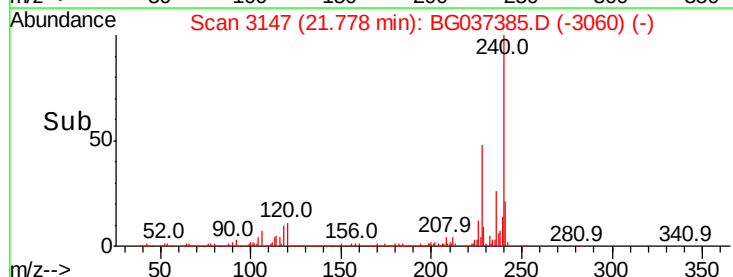
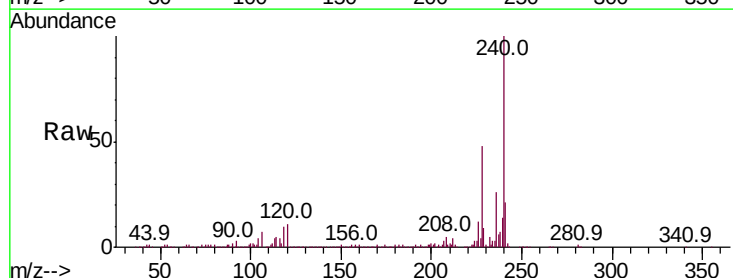
Tgt Ion:240 Resp: 429229

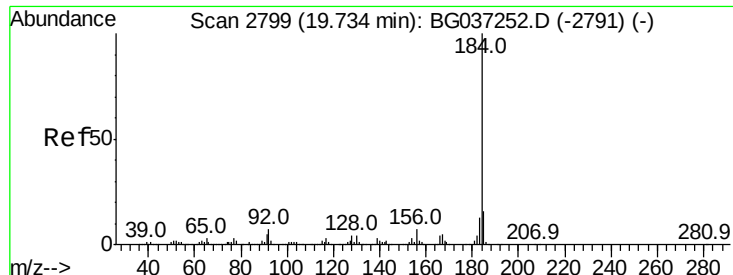
Ion Ratio Lower Upper

240 100

120 11.0 8.1 12.1

236 26.4 21.4 32.0





#77

Benzidine

Concen: 33.995 ng

RT: 19.72 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

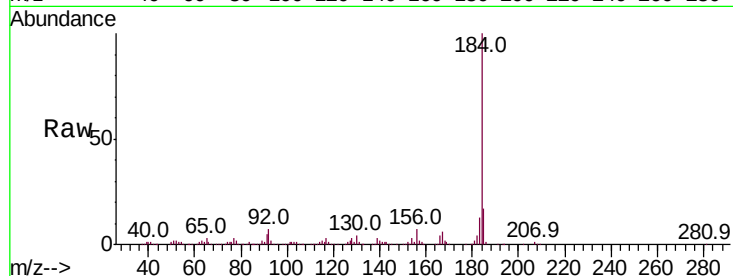
BNA_G

ClientSampleId :

PB113906BS

Tot Ion:184 Resp: 558217

Ion	Ratio	Lower	Upper
184	100		
185	16.6	12.6	18.8
183	13.2	10.2	15.2

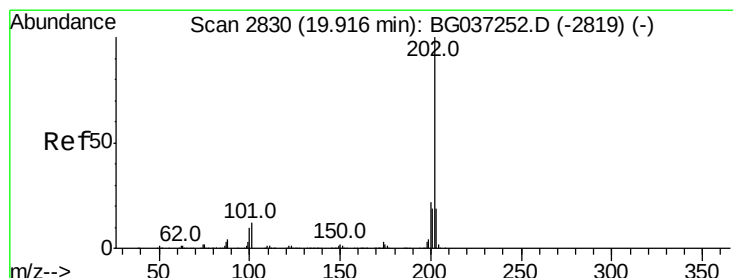
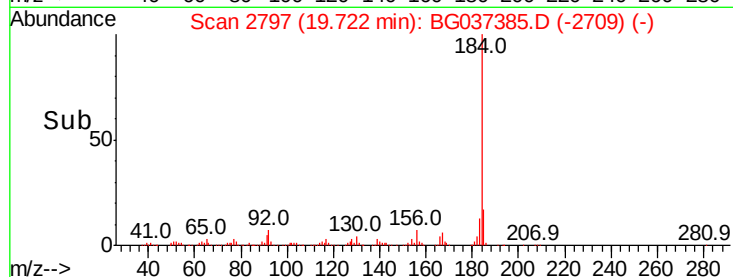
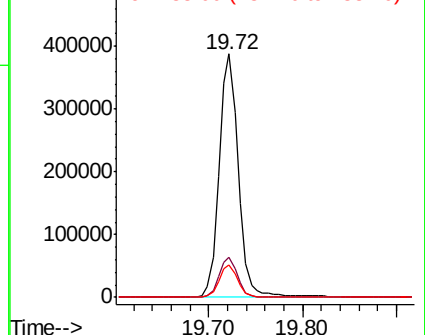


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.507 ng

RT: 19.90 min Scan# 2828

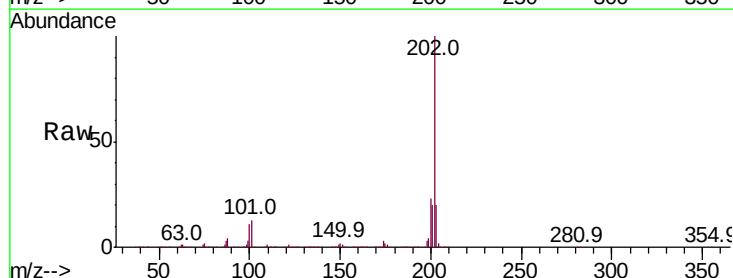
Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Tgt Ion:202 Resp: 1161133

Ion	Ratio	Lower	Upper
202	100		
200	22.8	17.8	26.6
203	19.8	15.2	22.8

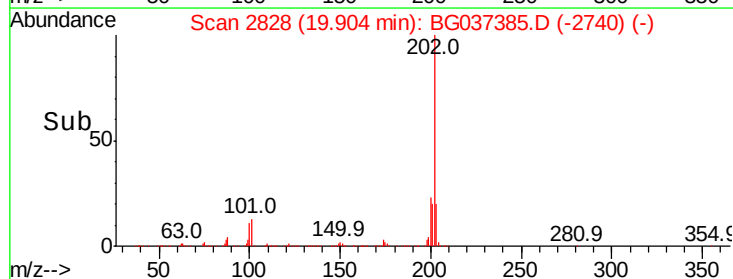
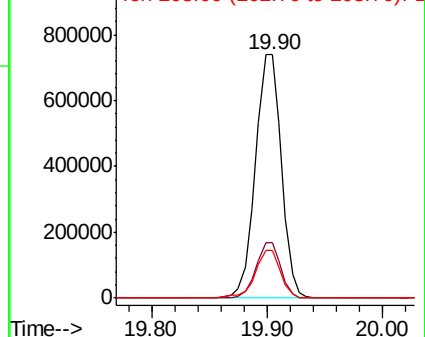


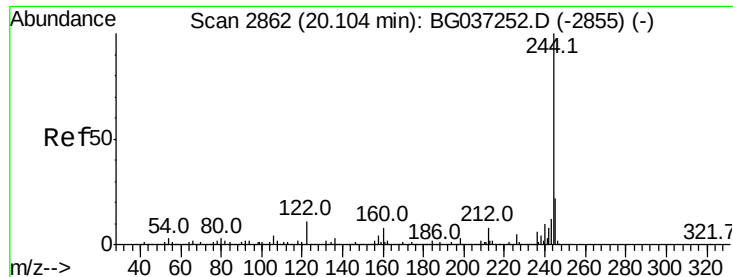
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.067 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

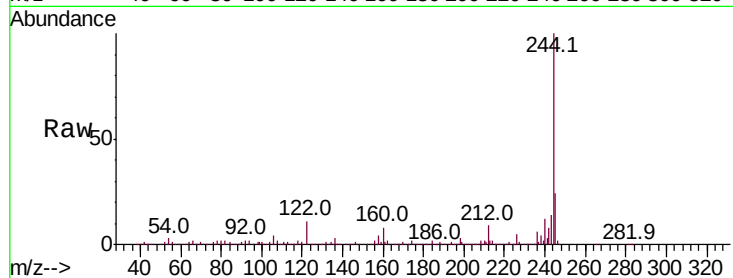
Tot Ion:244 Resp: 1595849

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

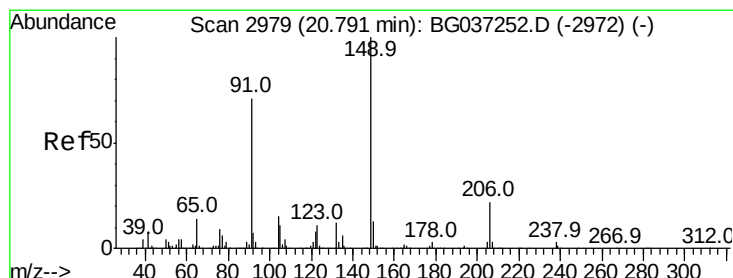
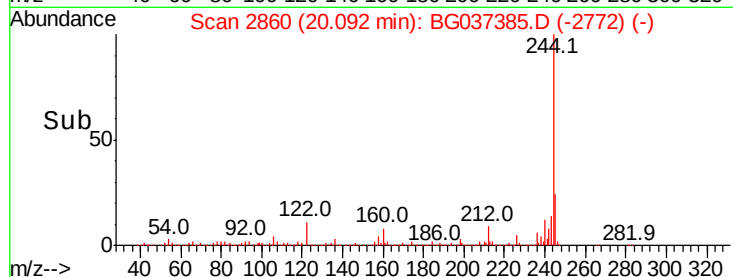
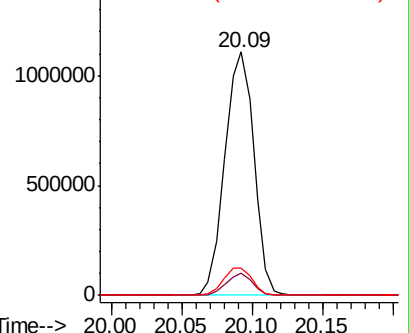
122 11.2 9.0 13.4



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: 46.024 ng

RT: 20.77 min Scan# 2976

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

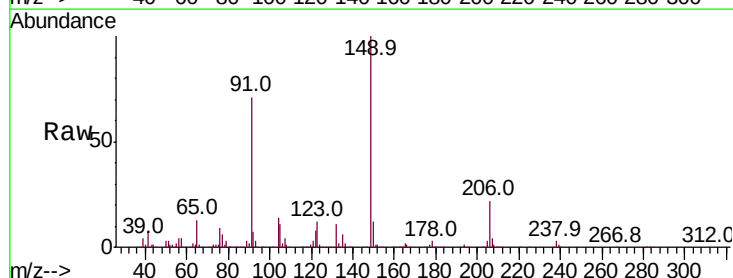
Tgt Ion:149 Resp: 500925

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

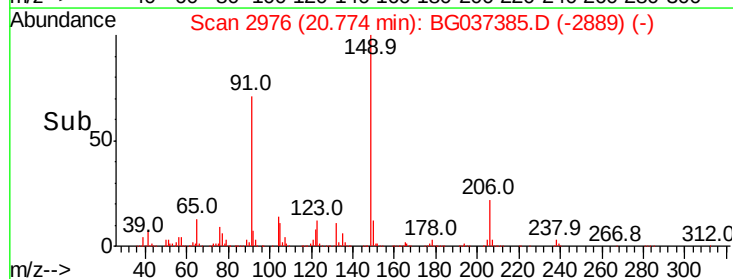
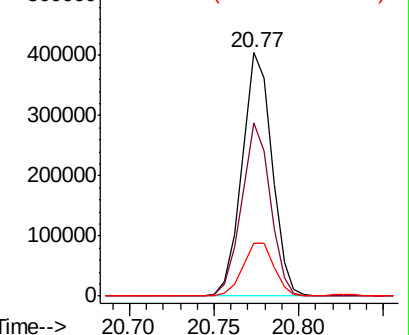
206 21.9 17.8 26.6

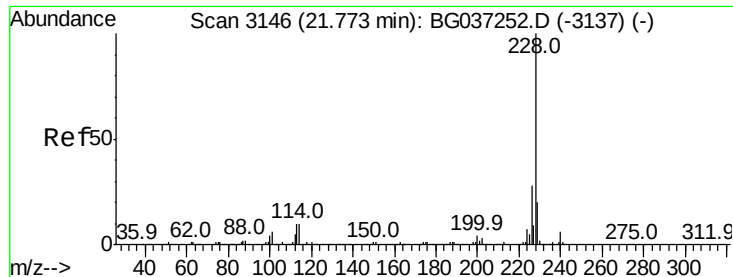


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

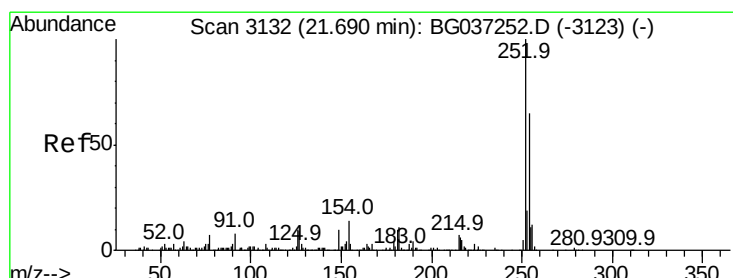
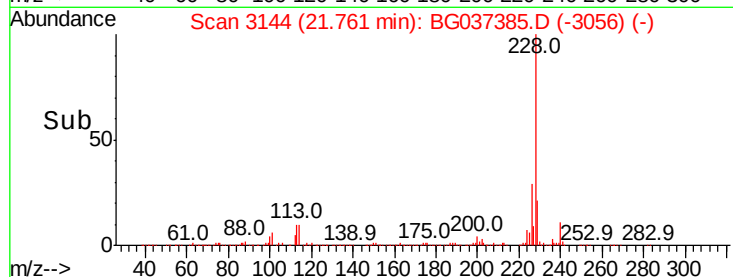
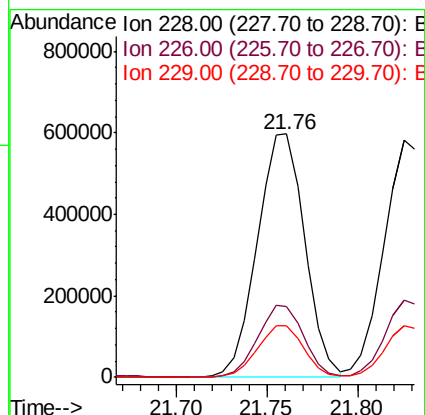
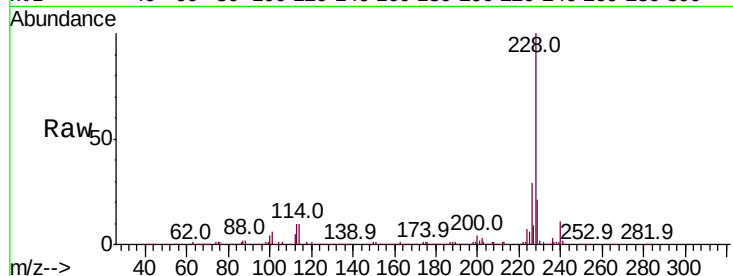




#81
Benzo(a)anthracene
Concen: 42.328 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

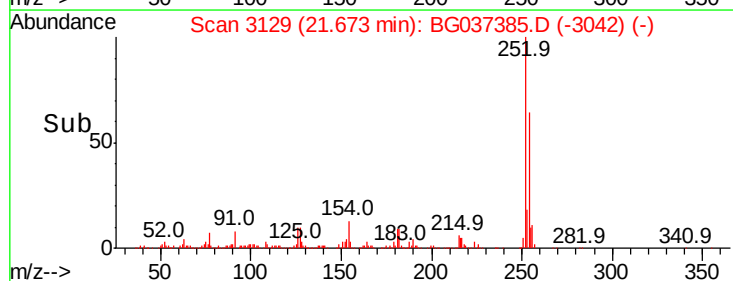
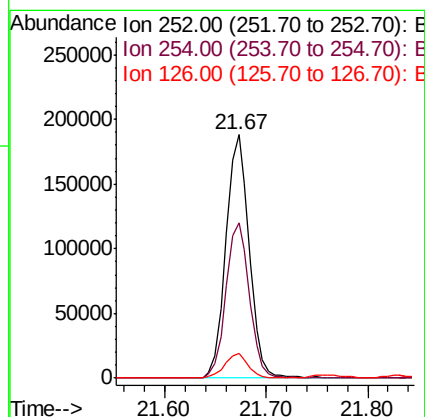
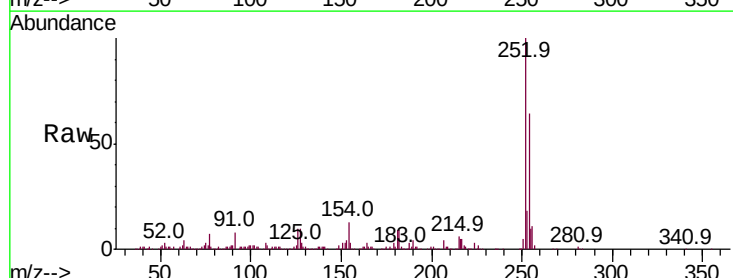
Instrument :
BNA_G
ClientSampleId :
PB113906BS

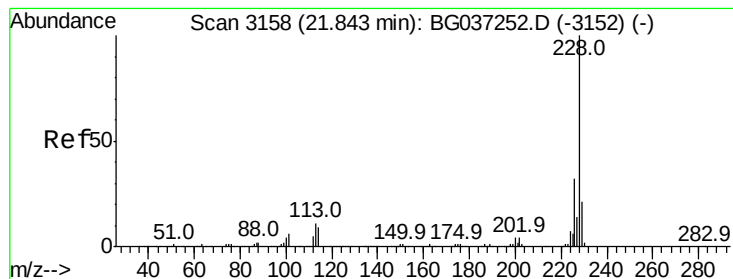
Tot Ion:228 Resp: 1088124
Ion Ratio Lower Upper
228 100
226 29.3 22.6 33.8
229 21.3 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 30.196 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:252 Resp: 299438
Ion Ratio Lower Upper
252 100
254 63.6 52.0 78.0
126 10.2 8.2 12.4





#83

Chrysene

Concen: 41.856 ng

RT: 21.83 min Scan# 3155

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

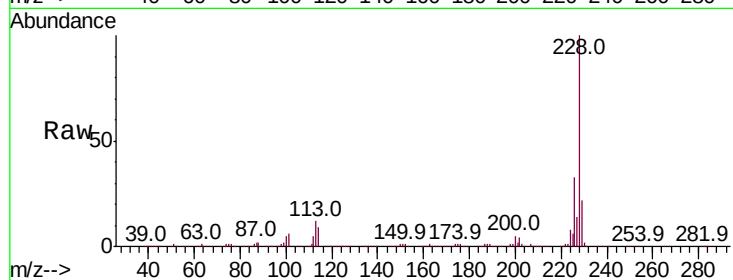
BNA_G

ClientSampleId :

PB113906BS

Tot Ion:228 Resp: 1026402

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.7	38.5
229	21.8	16.5	24.7

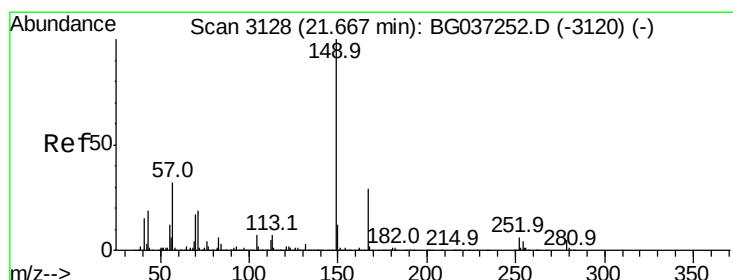
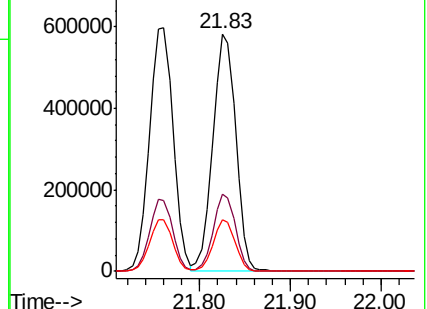
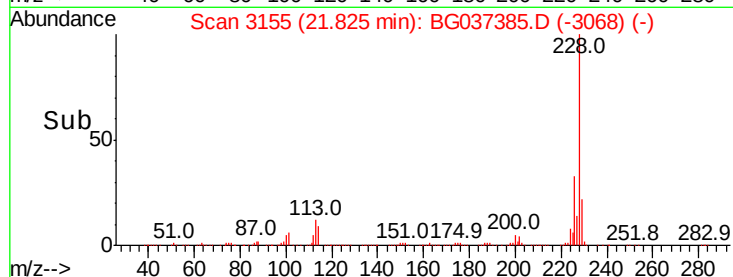


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.549 ng

RT: 21.64 min Scan# 3123

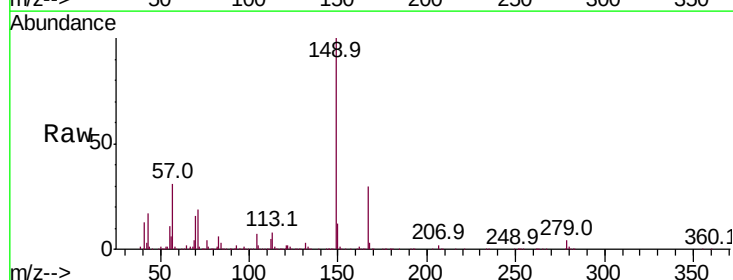
Delta R.T. -0.03 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Tgt Ion:149 Resp: 696261

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.0	34.4
279	4.3	3.6	5.4

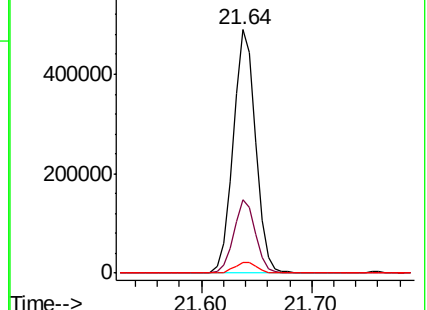
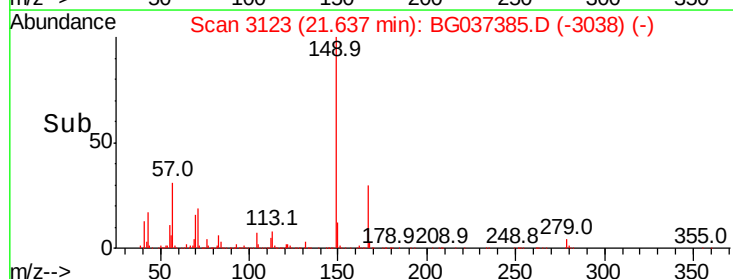


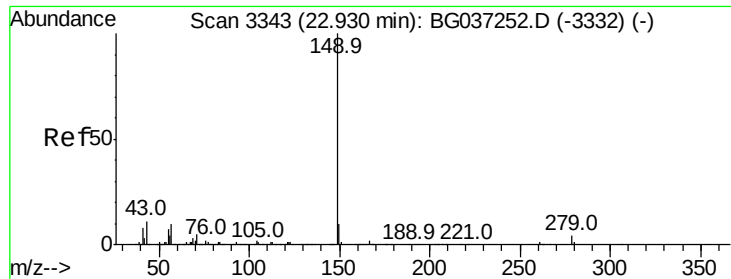
Abundance

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: 46.085 ng

RT: 22.89 min Scan# 3336

Delta R.T. -0.04 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

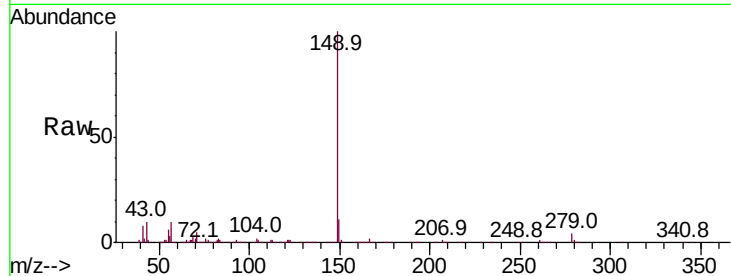
Tot Ion:149 Resp: 1169051

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

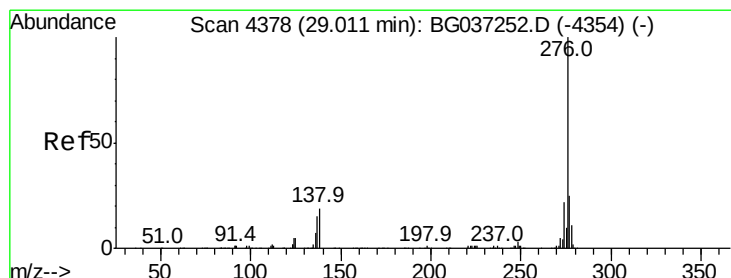
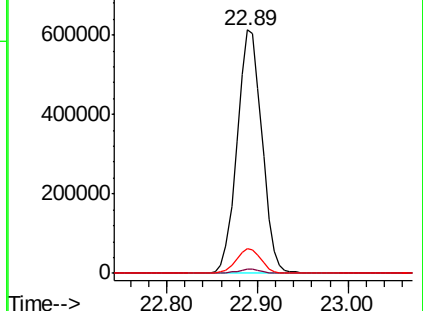
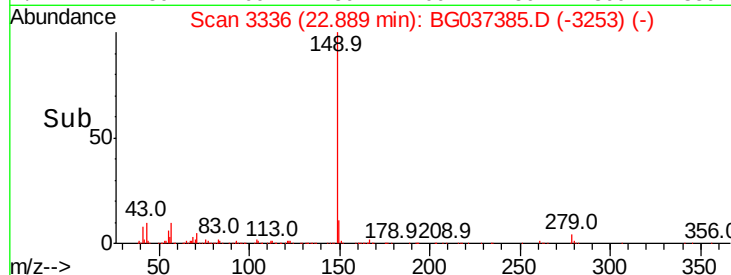
43 10.0 8.7 13.1



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: 43.414 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.06 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

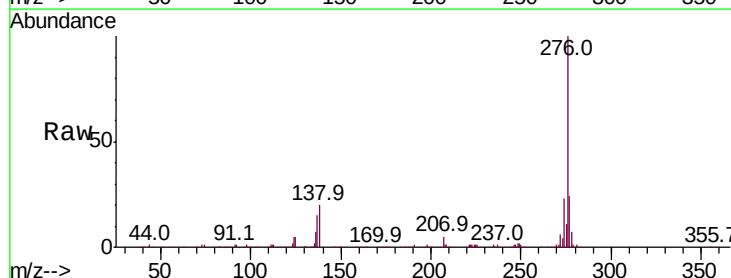
Tgt Ion:276 Resp: 1180022

Ion Ratio Lower Upper

276 100

138 17.2 12.0 18.0

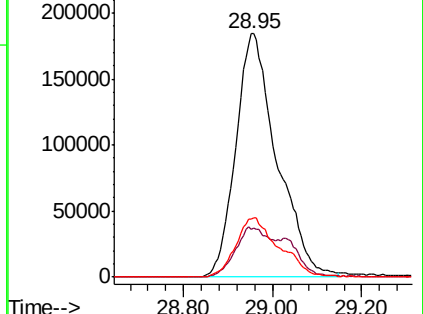
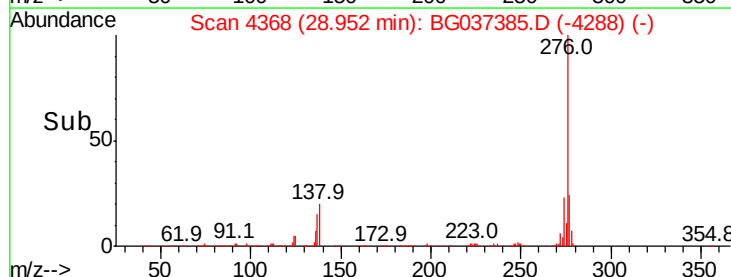
277 25.6 20.6 30.8

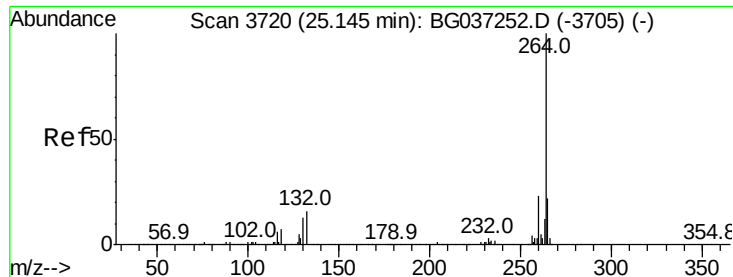


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3715

Delta R.T. -0.03 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

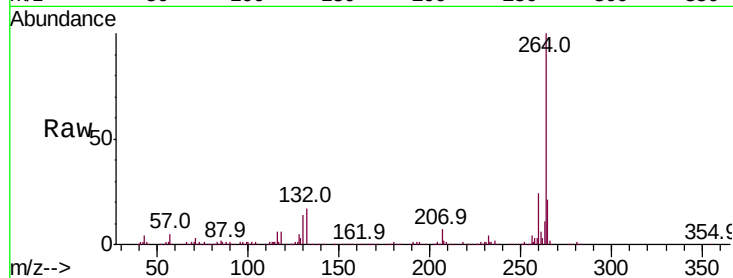
Tot Ion:264 Resp: 441376

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	20.9	17.9	26.9

264 100

260 24.2 18.2 27.4

265 20.9 17.9 26.9

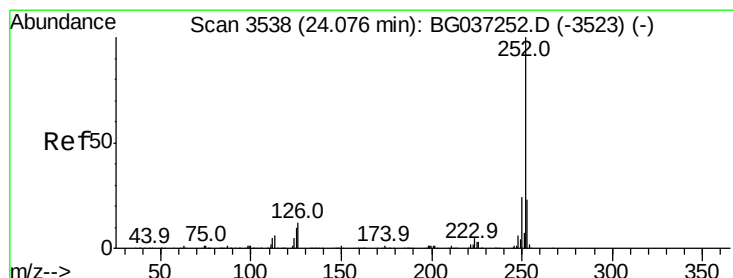
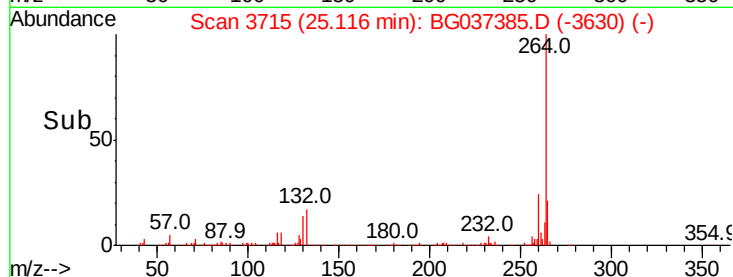
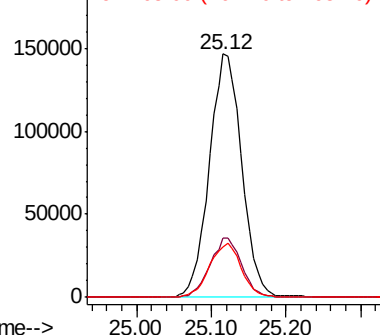


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.420 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

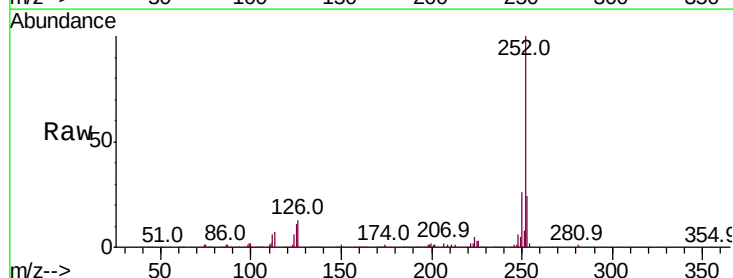
Tgt Ion:252 Resp: 1065929

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.2	27.2
125	10.8	7.8	11.6

252 100

253 24.1 18.2 27.2

125 10.8 7.8 11.6

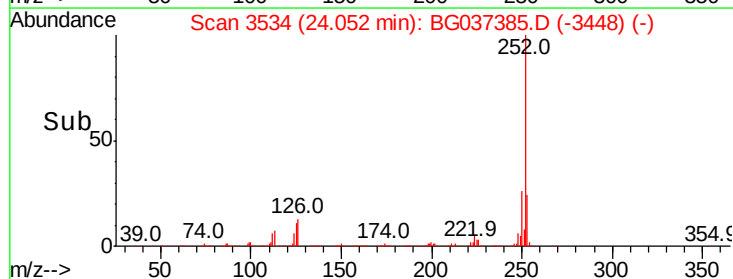
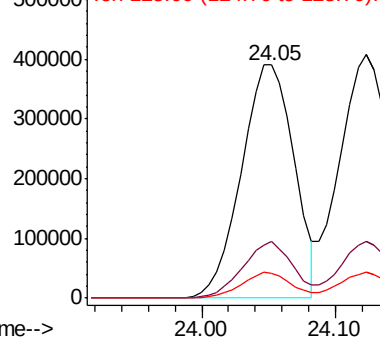


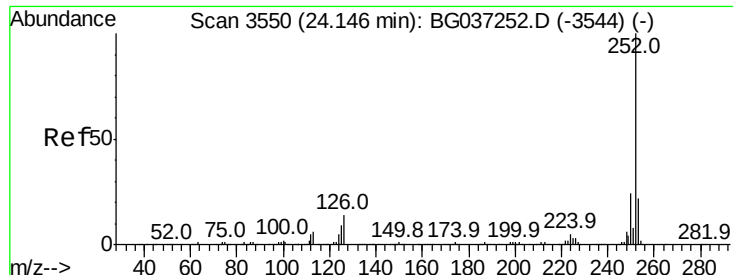
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.133 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

Instrument :

BNA_G

ClientSampleId :

PB113906BS

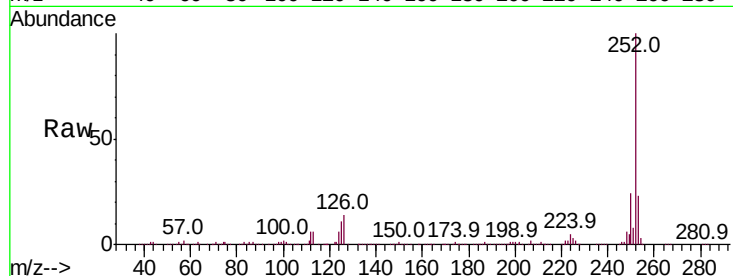
Tot Ion:252 Resp: 1021357

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

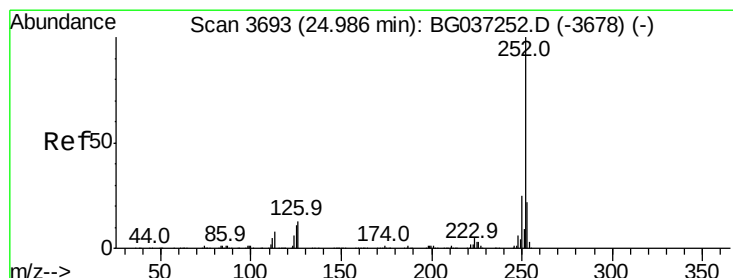
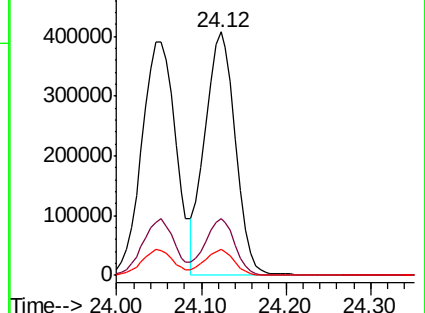
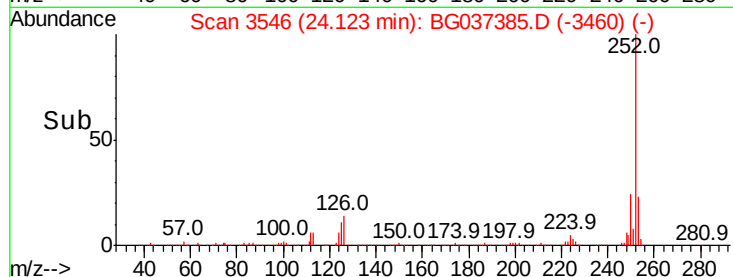
125 10.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 45.733 ng

RT: 24.96 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BG037385.D

Acq: 17 Oct 2018 10:50

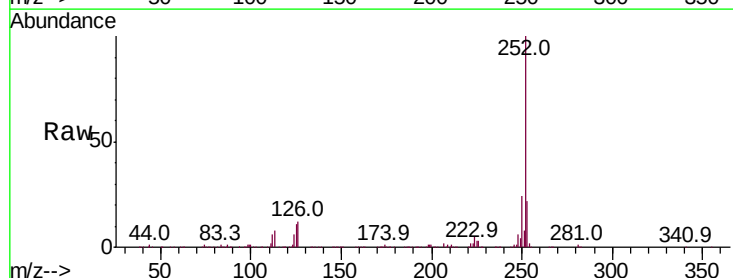
Tgt Ion:252 Resp: 1052346

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

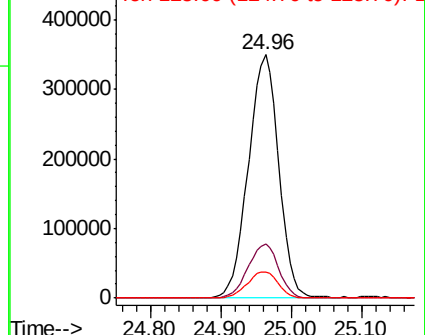
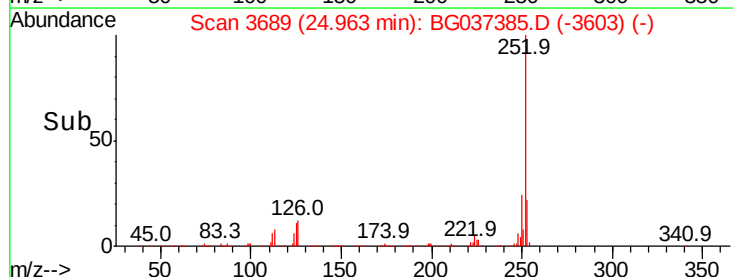
125 10.9 9.0 13.6

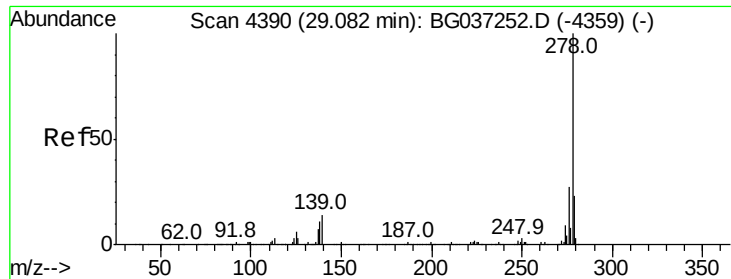


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

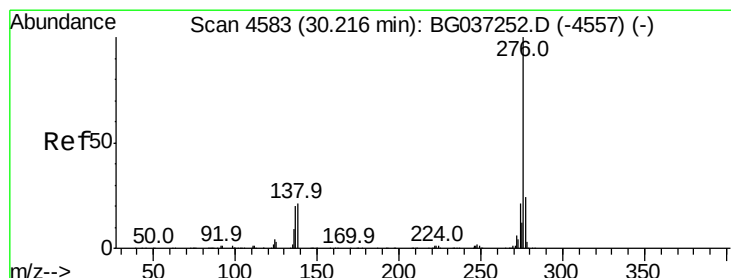
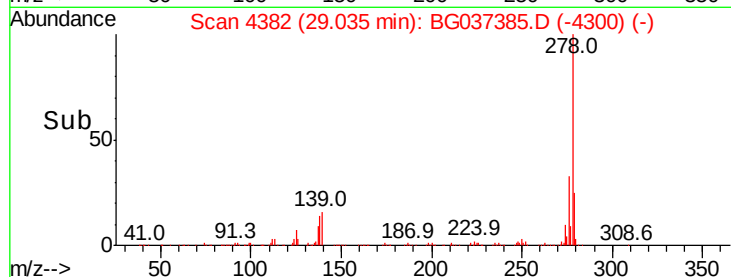
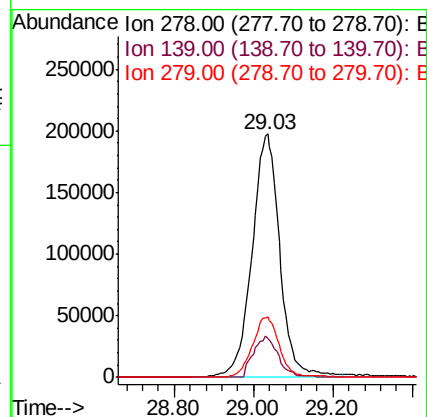
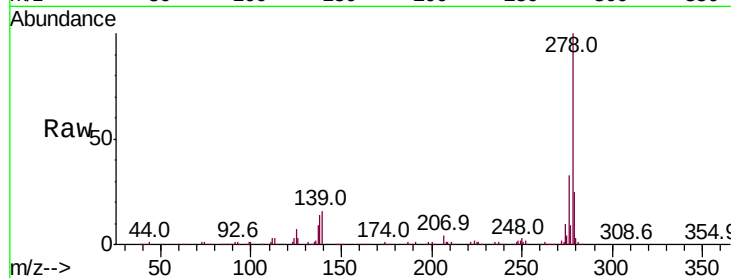




#91
Dibenzo(a,h)anthracene
Concen: 43.702 ng
RT: 29.03 min Scan# 4382
Delta R.T. -0.05 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Instrument :
BNA_G
ClientSampleId :
PB113906BS

Tot Ion:278 Resp: 962171
Ion Ratio Lower Upper
278 100
139 15.9 11.5 17.3
279 24.7 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 44.436 ng
RT: 30.17 min Scan# 4575
Delta R.T. -0.05 min
Lab File: BG037385.D
Acq: 17 Oct 2018 10:50

Tgt Ion:276 Resp: 977112
Ion Ratio Lower Upper
276 100
277 24.4 18.9 28.3
138 21.3 17.2 25.8

