

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038290.D
 Acq On : 1 Dec 2018 16:46
 Operator : JU/SJ
 Sample : PB115166BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Quant Time: Dec 03 01:07:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	25860	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	112611	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	71610	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	180067	20.00	ng	0.00
76) Chrysene-d12	21.75	240	176730	20.00	ng	0.00
87) Perylene-d12	25.06	264	188007	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	189477	126.51	ng	-0.01
7) Phenol-d6	7.22	99	259742	121.49	ng	0.00
23) Nitrobenzene-d5	9.25	82	165254	78.55	ng	-0.01
42) 2,4,6-Tribromophenol	16.21	330	107744	131.93	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	377915	76.88	ng	-0.01
79) Terphenyl-d14	20.06	244	668390	88.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	26182	37.009	ng	90
3) Pyridine	3.91	79	76236	37.776	ng	95
4) n-Nitrosodimethylamine	3.83	42	43319	59.167	ng	85
6) Aniline	7.40	93	61560	22.309	ng	98
8) 2-Chlorophenol	7.64	128	84949	48.880	ng	98
9) Benzaldehyde	7.22	77	52393	33.886	ng	97
10) Phenol	7.25	94	110396	48.749	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	78433	42.424	ng	100
12) 1,3-Dichlorobenzene	7.96	146	85966	42.938	ng	99
13) 1,4-Dichlorobenzene	8.11	146	87398	43.214	ng	98
14) 1,2-Dichlorobenzene	8.43	146	83930	43.467	ng	97
15) Benzyl Alcohol	8.32	79	78619	50.819	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	177289	51.643	ng	96
17) 2-Methylphenol	8.51	107	77261	50.463	ng	98
18) Hexachloroethane	9.16	117	32230	43.788	ng	88
19) n-Nitroso-di-n-propylamine	8.88	70	67680	43.749	ng	96
20) 3+4-Methylphenols	8.84	107	104769	48.271	ng	95
22) Acetophenone	8.90	105	124028	44.267	ng	# 93
24) Nitrobenzene	9.30	77	99594	46.280	ng	99
25) Isophorone	9.81	82	192166	50.751	ng	99
26) 2-Nitrophenol	10.01	139	49032	45.640	ng	92
27) 2,4-Dimethylphenol	10.05	122	89623	55.368	ng	97
28) bis(2-Chloroethoxy)methane	10.29	93	112245	46.359	ng	97
29) 2,4-Dichlorophenol	10.54	162	88826	48.787	ng	99
30) 1,2,4-Trichlorobenzene	10.75	180	88698	43.474	ng	96
31) Naphthalene	10.95	128	260729	47.073	ng	99
32) Benzoic acid	10.18	122	39511	40.502	ng	94
33) 4-Chloroaniline	11.07	127	29518	11.457	ng	96
34) Hexachlorobutadiene	11.21	225	54752	43.604	ng	99
35) Caprolactam	11.89	113	16899	23.189	ng	92
36) 4-Chloro-3-methylphenol	12.16	107	101226	50.890	ng	97
37) 2-Methylnaphthalene	12.55	142	194554	48.901	ng	98
38) 1-Methylnaphthalene	12.76	142	186935	48.813	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	102860	42.986	ng	98

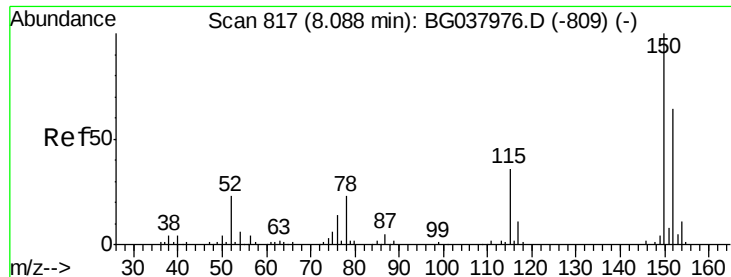
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120118\
 Data File : BG038290.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	127842	99.773	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	76806	47.103	nq	98
44) 2,4,5-Trichlorophenol	13.22	196	84786	49.418	nq	93
46) 1,1'-Biphenyl	13.55	154	255189	42.418	nq	99
47) 2-Chloronaphthalene	13.59	162	201374	43.865	nq	99
48) 2-Nitroaniline	13.80	65	74526	51.581	nq	99
49) Acenaphthylene	14.44	152	342934	49.676	nq	99
50) Dimethylphthalate	14.16	163	280325	49.379	nq	99
51) 2,6-Dinitrotoluene	14.29	165	64243	50.000	nq	95
52) Acenaphthene	14.78	154	196486	47.277	nq	99
53) 3-Nitroaniline	14.63	138	24477	17.264	nq	96
54) 2,4-Dinitrophenol	14.83	184	76867	107.267	nq	87
55) Dibenzofuran	15.11	168	318034	46.278	nq	95
56) 4-Nitrophenol	14.93	139	111398	101.874	nq	87
57) 2,4-Dinitrotoluene	15.08	165	90074	51.524	nq	96
58) Fluorene	15.76	166	260741	50.852	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.33	232	74978	52.226	nq	97
60) Diethylphthalate	15.51	149	296169	49.117	nq	99
61) 4-Chlorophenyl-phenylether	15.74	204	139773	46.587	nq	99
62) 4-Nitroaniline	15.80	138	69536	49.370	nq	87
63) Azobenzene	16.04	77	271355	50.331	nq	94
65) 4,6-Dinitro-2-methylphenol	15.84	198	54882	48.187	nq	91
66) n-Nitrosodiphenylamine	15.97	169	240709	44.187	nq	99
67) 4-Bromophenyl-phenylether	16.64	248	88933	44.998	nq	97
68) Hexachlorobenzene	16.75	284	93646	45.904	nq	98
69) Atrazine	16.91	200	99474	49.535	nq	97
70) Pentachlorophenol	17.11	266	113905	82.211	nq	97
71) Phenanthrene	17.51	178	453641	49.206	nq	100
72) Anthracene	17.59	178	461443	50.777	nq	100
73) Carbazole	17.87	167	430015	47.163	nq	99
74) Di-n-butylphthalate	18.40	149	532678	52.045	nq	98
75) Fluoranthene	19.51	202	564752	53.692	nq	99
77) Benzidine	19.70	184	156215	25.191	nq	98
78) Pyrene	19.87	202	565963	48.981	nq	98
80) Butylbenzylphthalate	20.74	149	242154	47.922	nq	100
81) Benzo(a)anthracene	21.72	228	534714	50.067	nq	100
82) 3,3'-Dichlorobenzidine	21.64	252	83497	20.070	nq	100
83) Chrysene	21.79	228	496445	48.583	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	338047	46.911	nq	100
85) Di-n-octyl phthalate	22.83	149	579300	49.691	nq	98
86) Indeno(1,2,3-cd)pyrene	28.86	276	597448	52.643	nq	# 93
88) Benzo(b)fluoranthene	24.00	252	533237	51.540	nq	98
89) Benzo(k)fluoranthene	24.07	252	505087	49.475	nq	98
90) Benzo(a)pyrene	24.90	252	512671	51.850	nq	99
91) Dibenzo(a,h)anthracene	28.93	278	493204	51.842	nq	98
92) Benzo(g,h,i)perylene	30.06	276	496440	52.481	nq	97

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

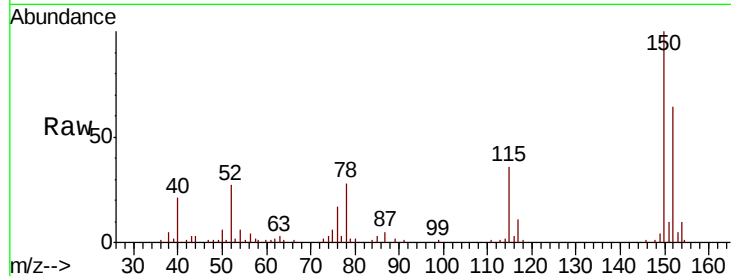


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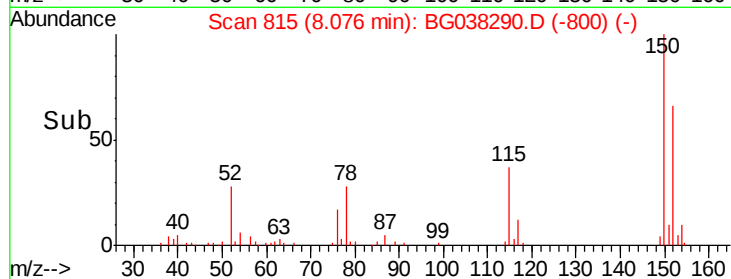
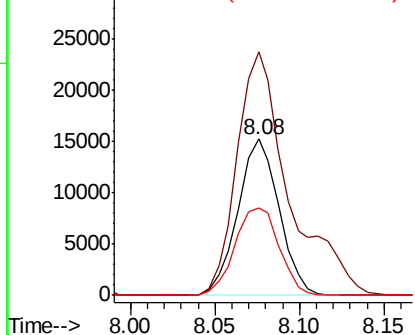
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:152 Resp: 25860
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 56.0 45.5 68.3



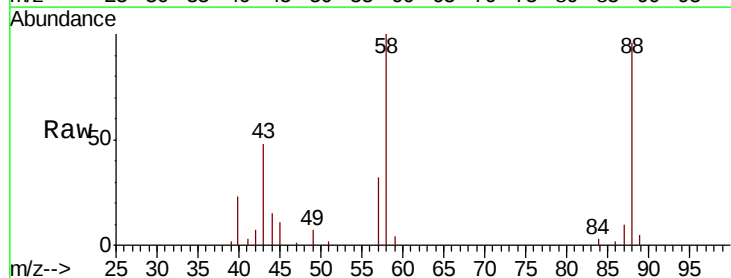
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



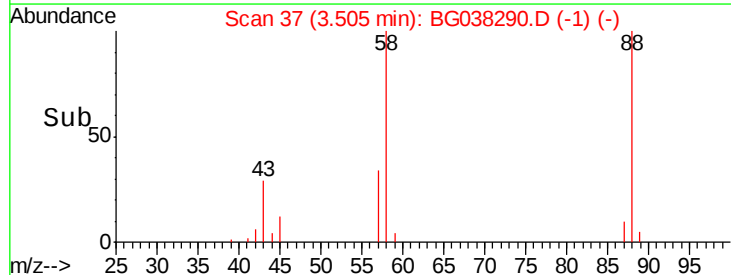
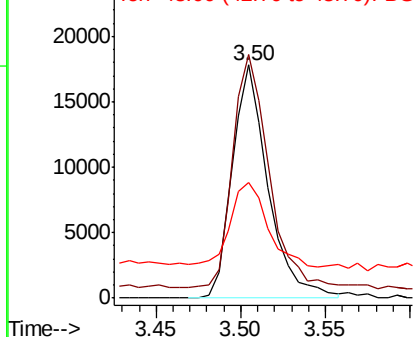
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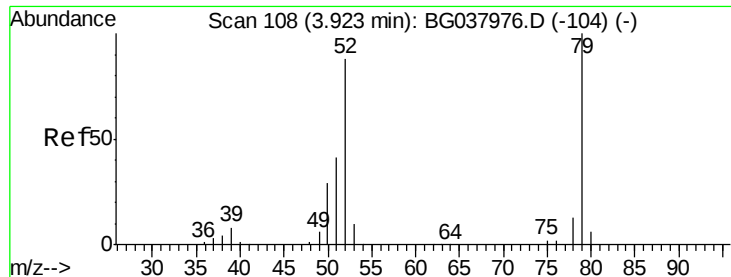
1,4-Dioxane
Concen: 37.009 ng
RT: 3.50 min Scan# 37
Delta R.T. -0.02 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion: 88 Resp: 26182
Ion Ratio Lower Upper
88 100
58 102.8 74.4 111.6
43 37.6 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: 37.776 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

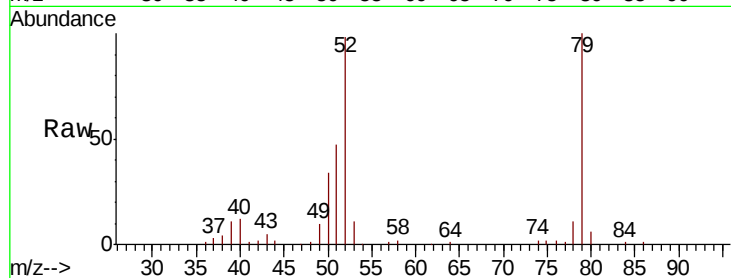
Tot Ion: 79 Resp: 76236

Ion Ratio Lower Upper

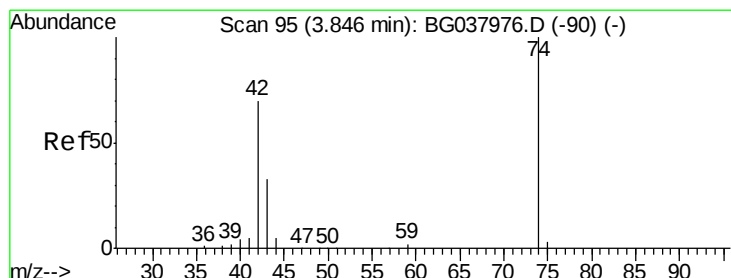
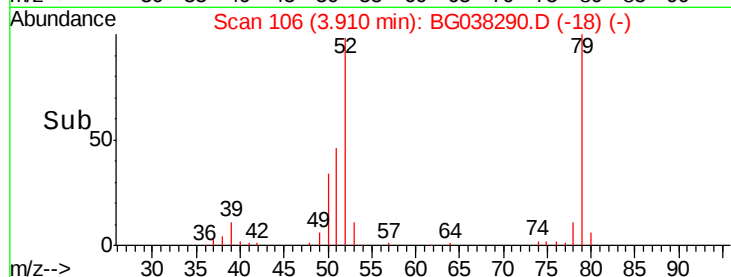
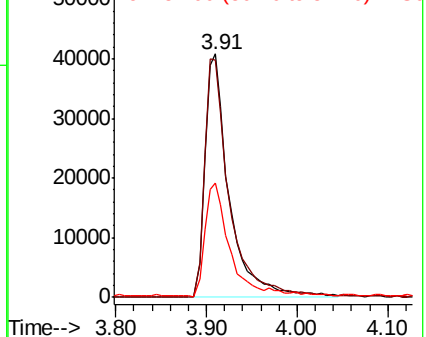
79 100

52 97.5 74.2 111.2

51 47.1 34.6 51.8



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 59.167 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.02 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

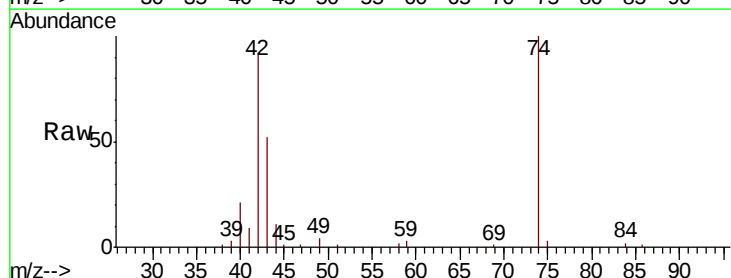
Tgt Ion: 42 Resp: 43319

Ion Ratio Lower Upper

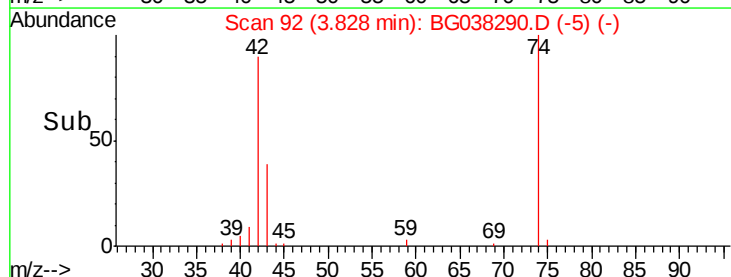
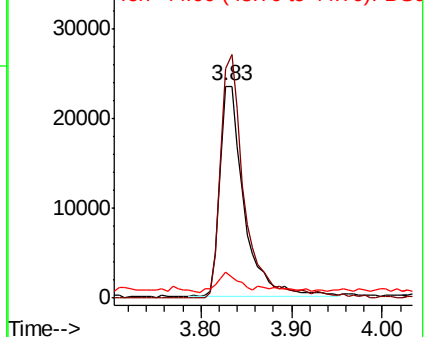
42 100

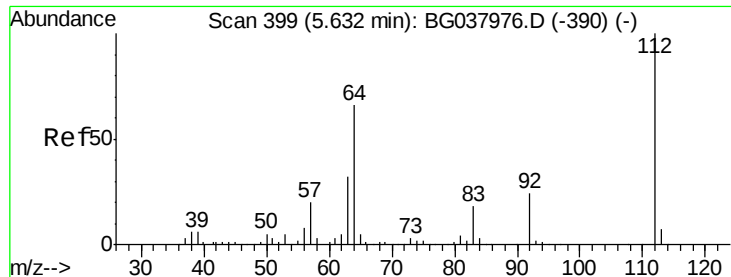
74 108.6 102.0 153.0

44 12.3 9.6 14.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.506 ng

RT: 5.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampled :

PB115166BS

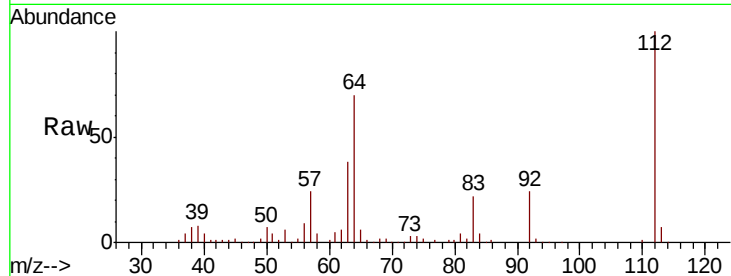
Tot Ion: 112 Resp: 189477

Ion Ratio Lower Upper

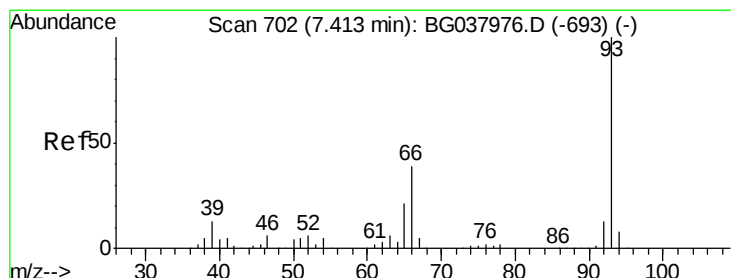
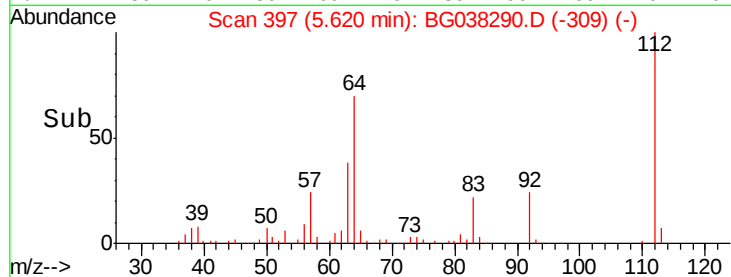
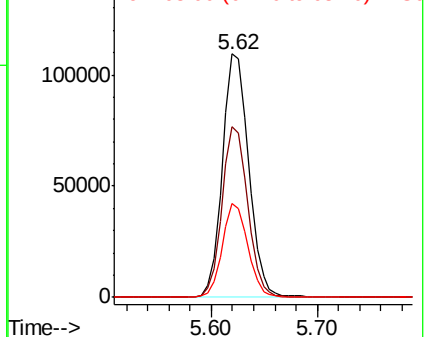
112 100

64 69.9 53.1 79.7

63 38.3 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: 22.309 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

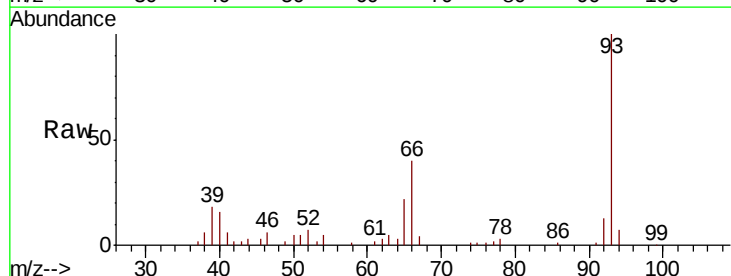
Tgt Ion: 93 Resp: 61560

Ion Ratio Lower Upper

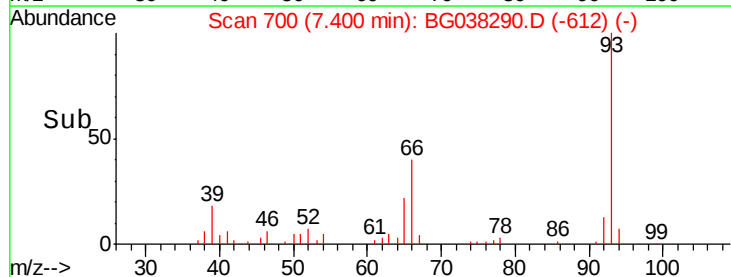
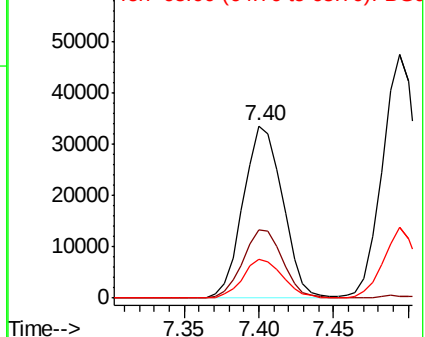
93 100

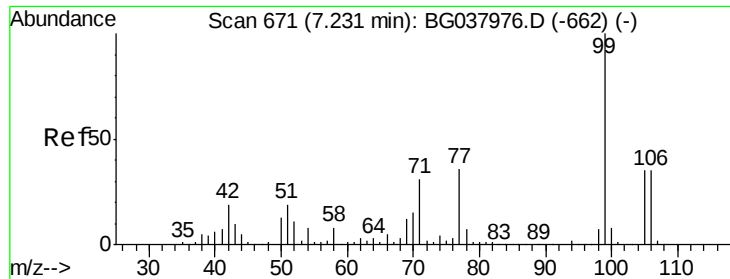
66 39.9 32.8 49.2

65 22.3 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.489 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

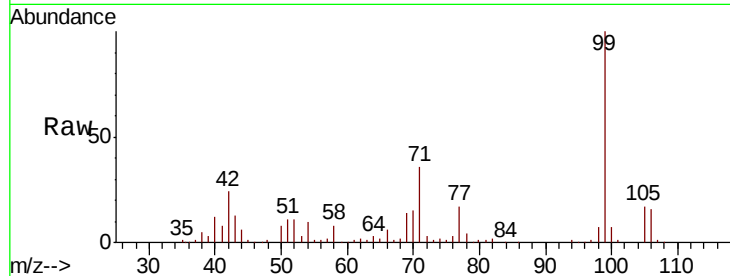
Tot Ion: 99 Resp: 259742

Ion Ratio Lower Upper

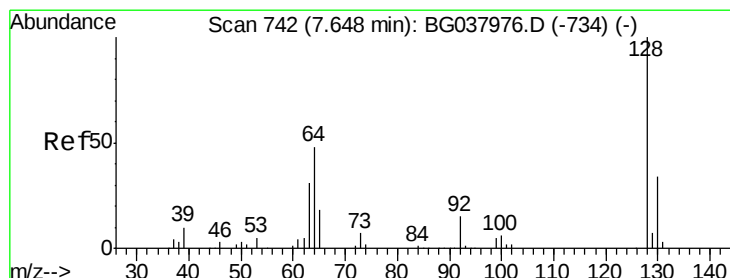
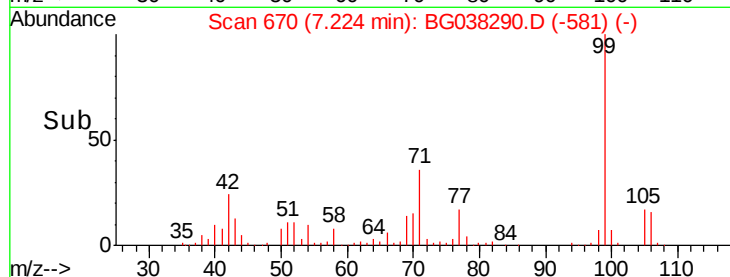
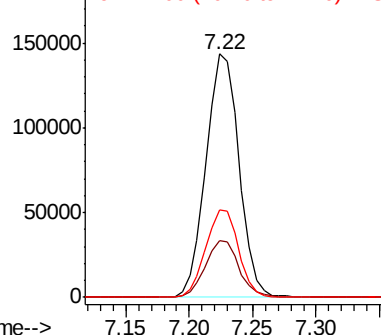
99 100

42 23.5 15.0 22.4#

71 36.2 25.5 38.3



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



#8

2-Chlorophenol

Concen: 48.880 ng

RT: 7.64 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

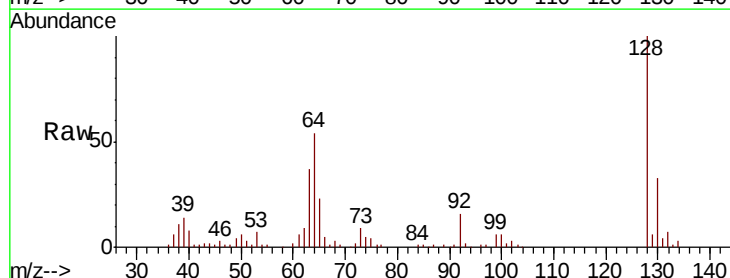
Tgt Ion:128 Resp: 84949

Ion Ratio Lower Upper

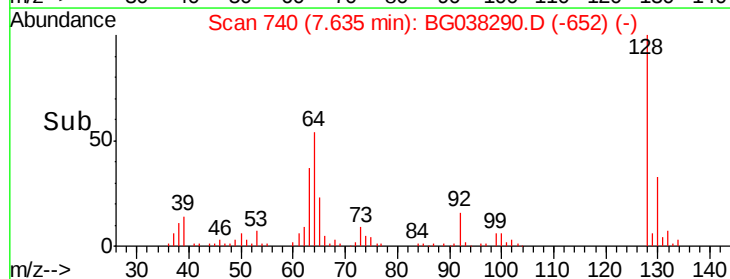
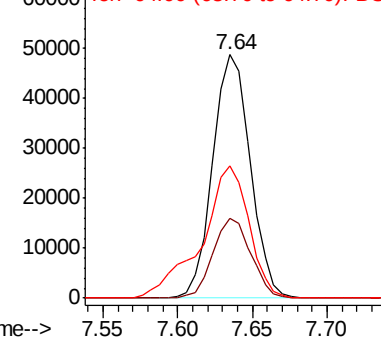
128 100

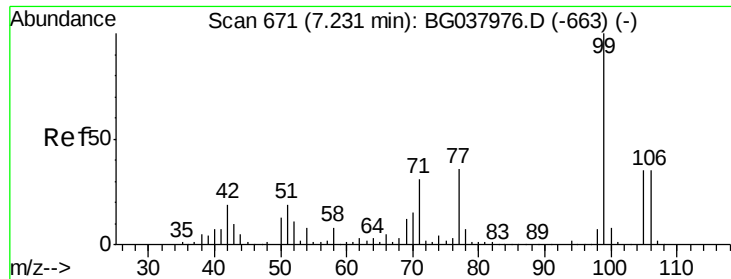
130 32.9 12.0 52.0

64 54.2 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: 33.886 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

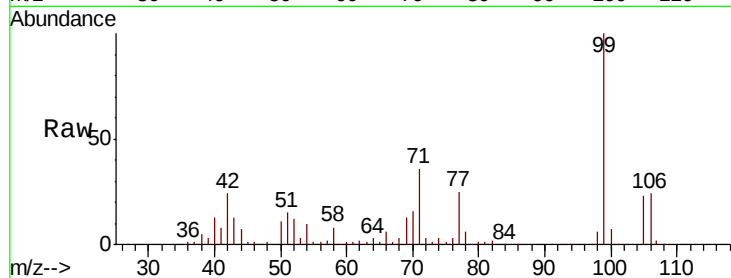
Tot Ion: 77 Resp: 52393

Ion Ratio Lower Upper

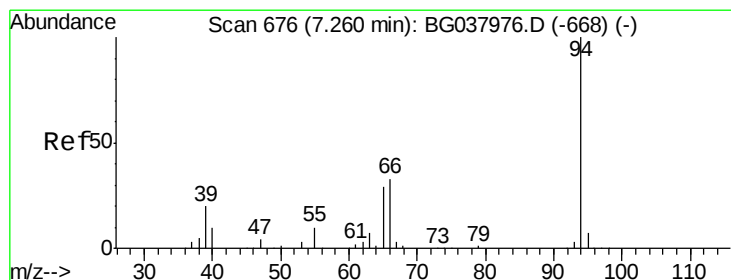
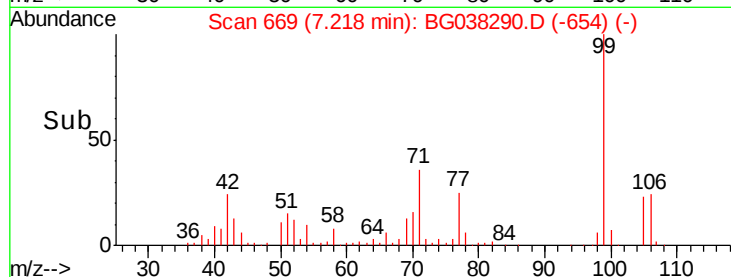
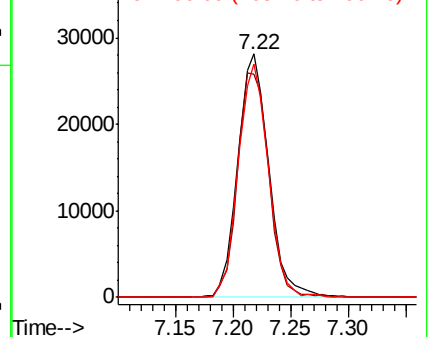
77 100

105 91.4 72.6 112.6

106 96.0 71.3 111.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 48.749 ng

RT: 7.25 min Scan# 675

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

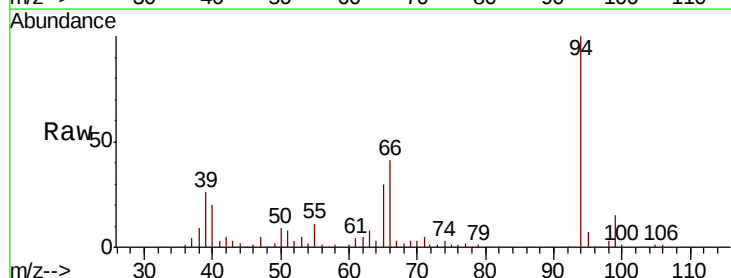
Tgt Ion: 94 Resp: 110396

Ion Ratio Lower Upper

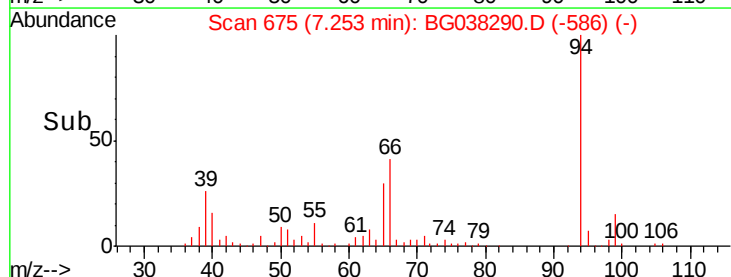
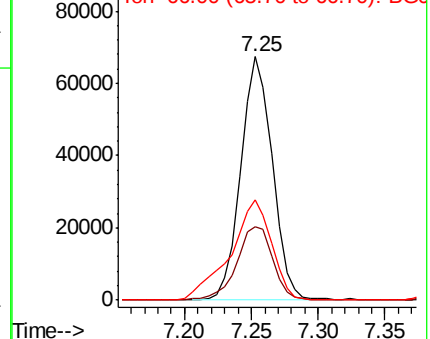
94 100

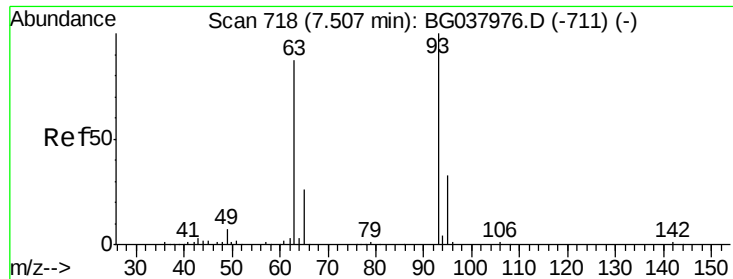
65 30.3 9.7 49.7

66 41.4 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

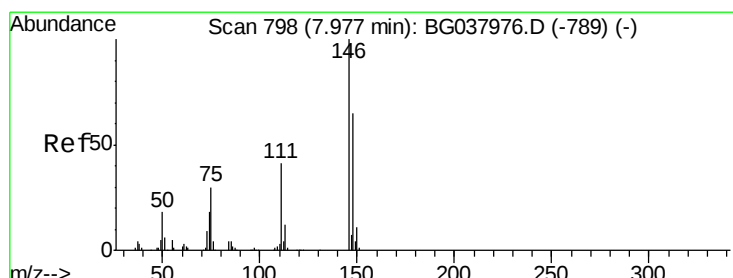
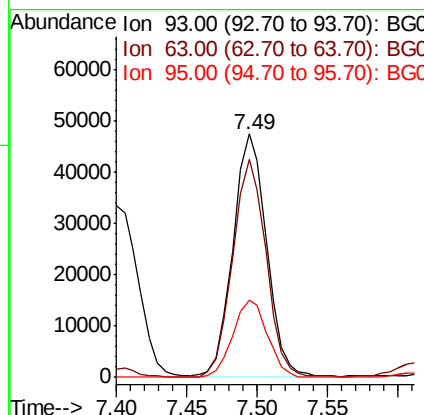
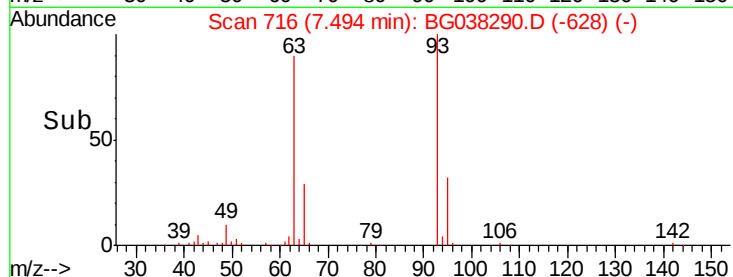
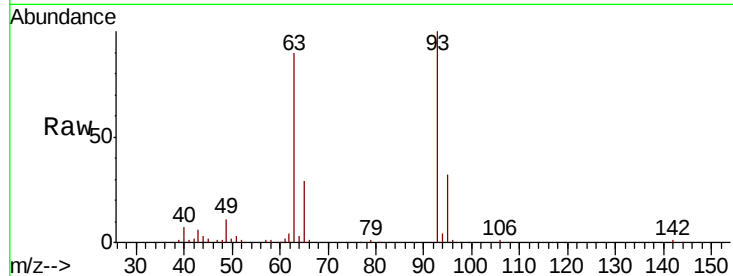




#11
bis(2-Chloroethyl)ether
Concen: 42.424 ng
RT: 7.49 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

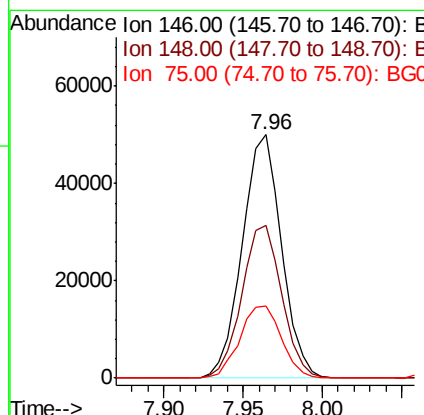
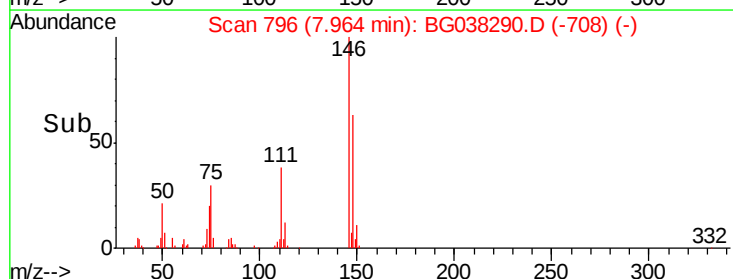
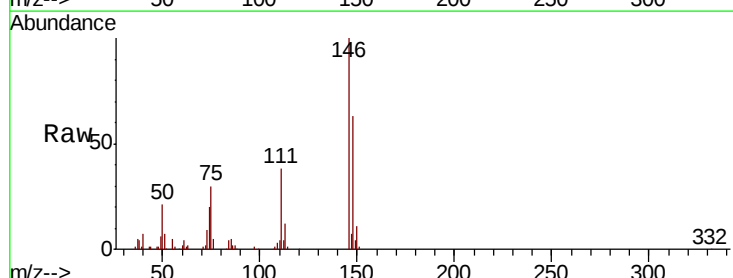
Instrument :
BNA_G
ClientSampleId :
PB115166BS

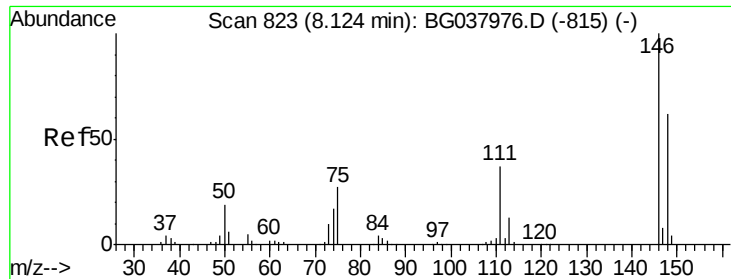
Tot Ion: 93 Resp: 78433
Ion Ratio Lower Upper
93 100
63 89.6 69.5 109.5
95 31.8 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 42.938 ng
RT: 7.96 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion: 146 Resp: 85966
Ion Ratio Lower Upper
146 100
148 62.8 49.8 74.8
75 29.8 23.2 34.8

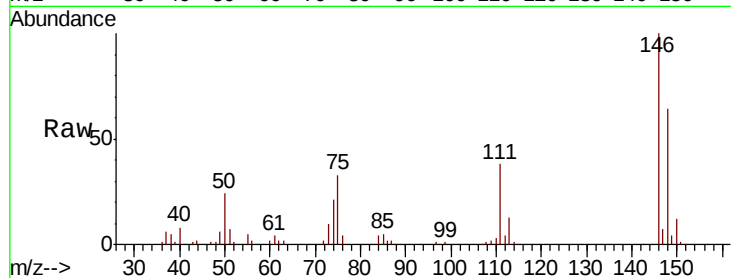




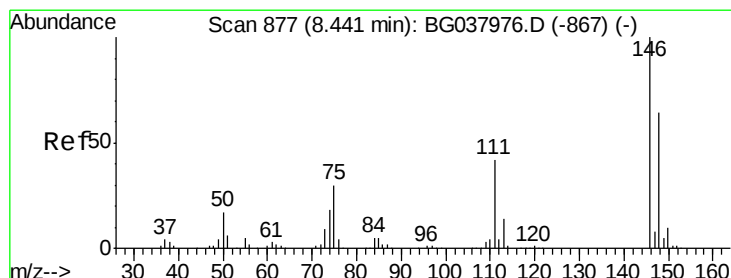
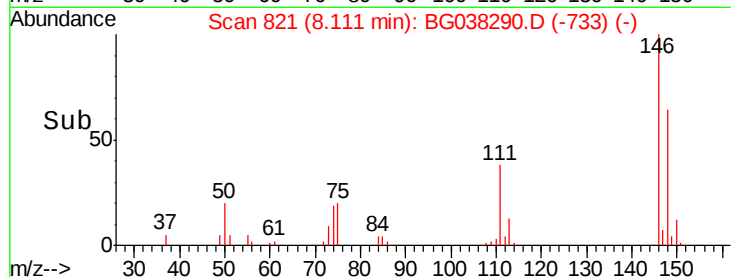
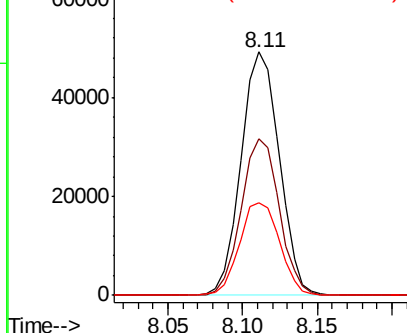
#13
 1,4-Dichlorobenzene
 Concen: 43.214 ng
 RT: 8.11 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion:146 Resp: 87398
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.0 76.6
 111 37.9 32.4 48.6

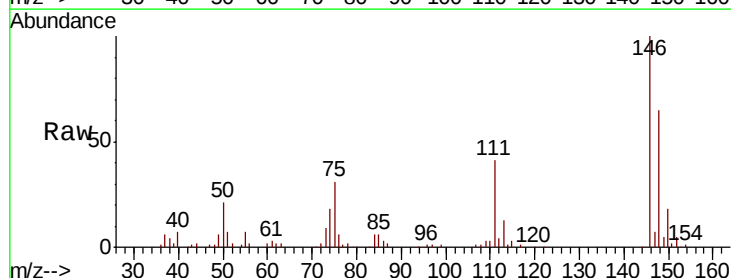


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

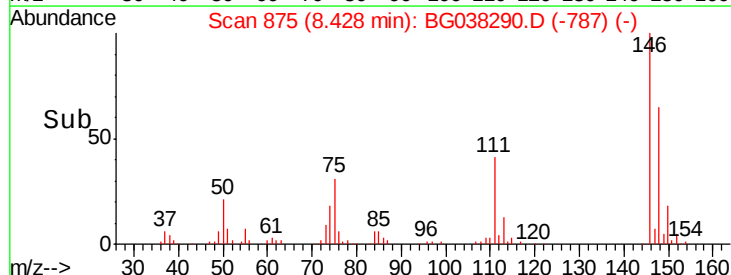
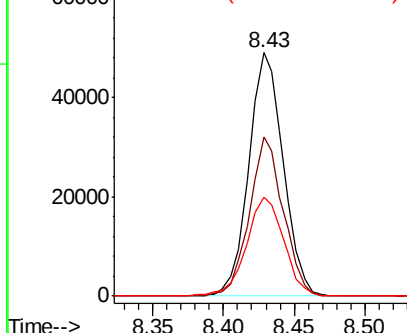


#14
 1,2-Dichlorobenzene
 Concen: 43.467 ng
 RT: 8.43 min Scan# 875
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion:146 Resp: 83930
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 40.9 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: 50.819 ng

RT: 8.32 min Scan# 856

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

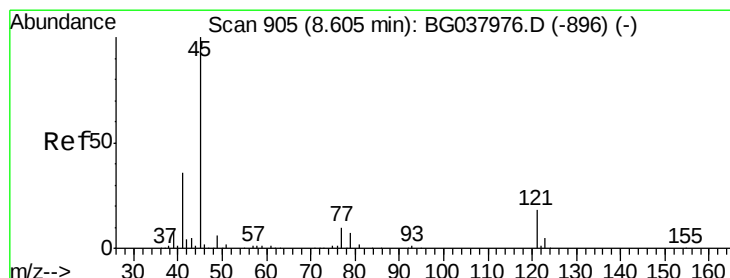
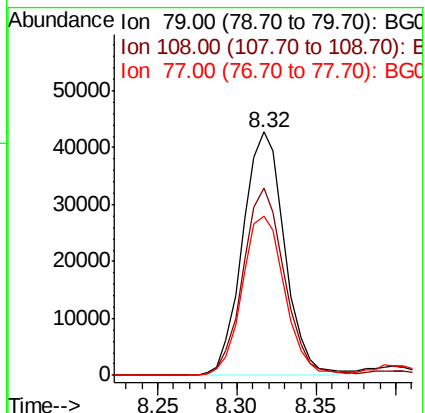
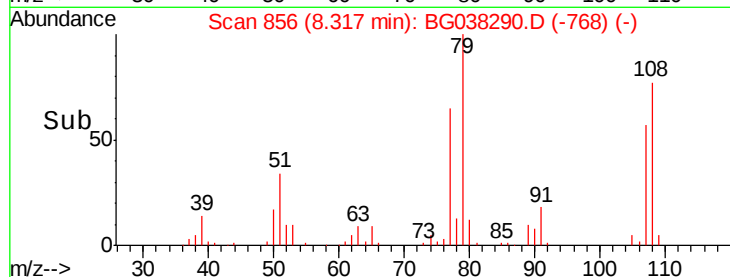
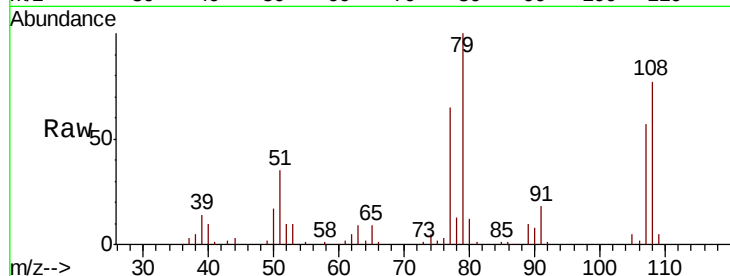
Tot Ion: 79 Resp: 78619

Ion Ratio Lower Upper

79 100

108 76.9 65.8 98.8

77 65.3 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.643 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

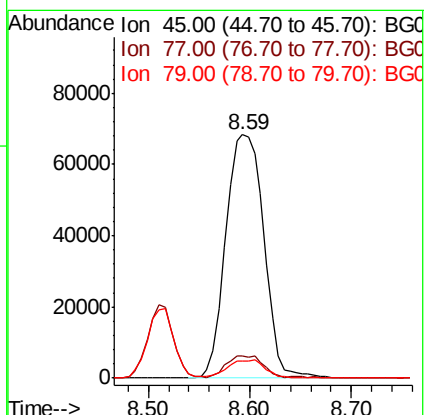
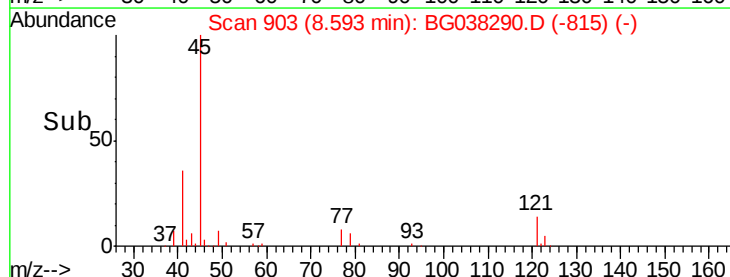
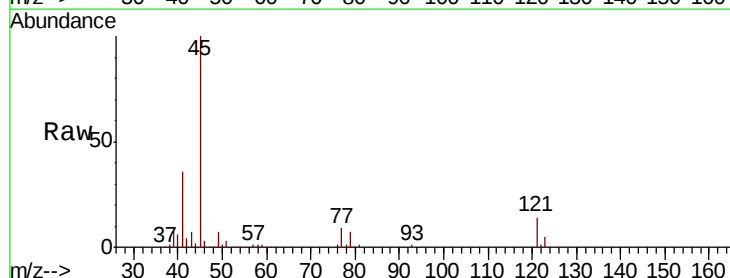
Tgt Ion: 45 Resp: 177289

Ion Ratio Lower Upper

45 100

77 9.4 0.0 30.0

79 6.9 0.0 29.0

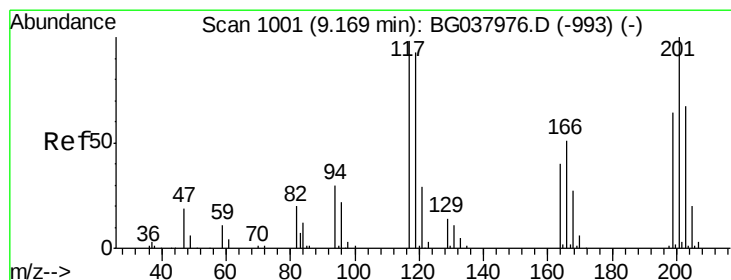
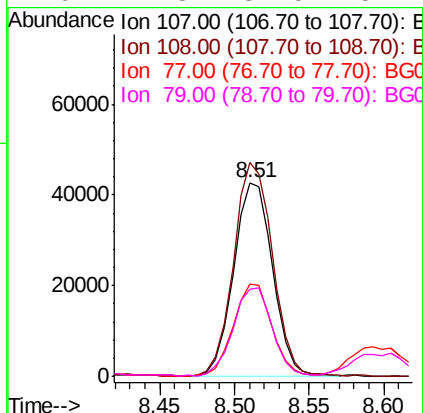
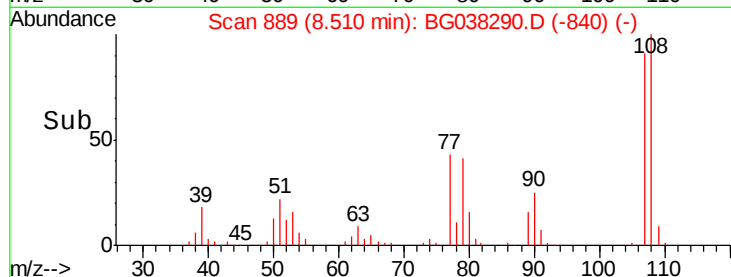
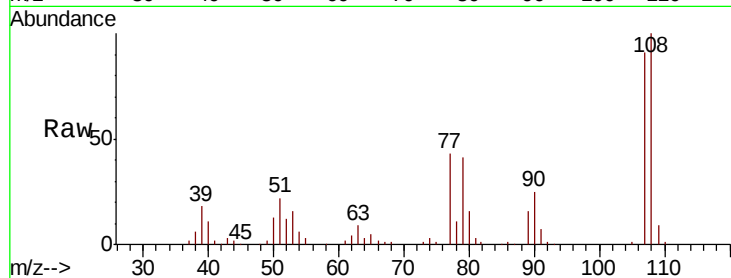




#17
2-Methylphenol
Concen: 50.463 ng
RT: 8.51 min Scan# 889
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

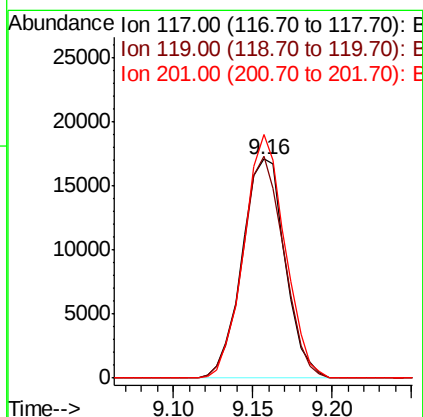
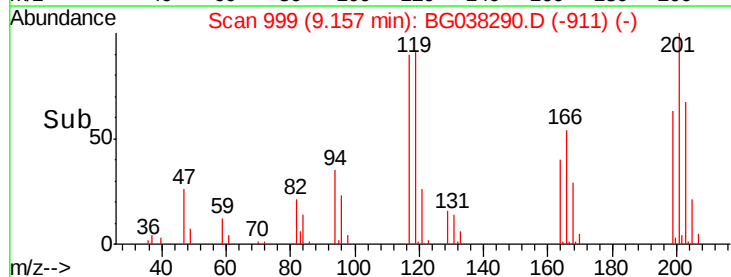
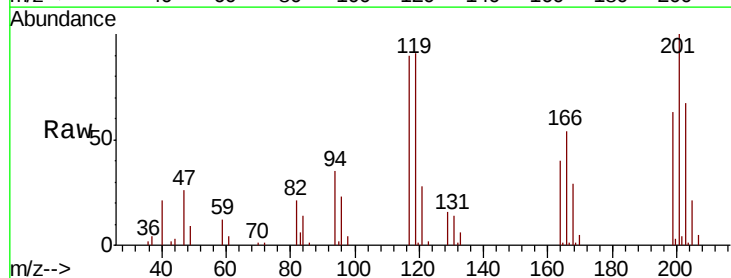
Instrument :
BNA_G
ClientSampleId :
PB115166BS

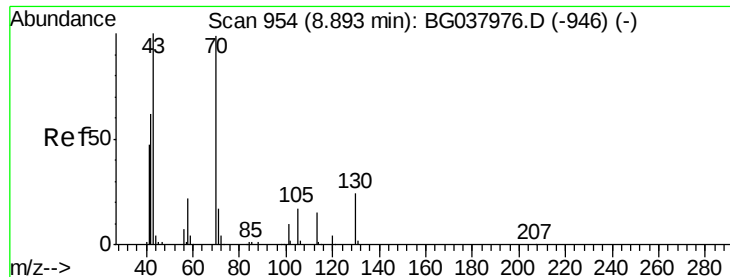
Tot Ion:107 Resp: 77261
Ion Ratio Lower Upper
107 100
108 110.5 87.9 131.9
77 47.9 35.1 52.7
79 44.8 34.5 51.7



#18
Hexachloroethane
Concen: 43.788 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:117 Resp: 32230
Ion Ratio Lower Upper
117 100
119 102.6 74.6 111.8
201 115.3 80.8 121.2

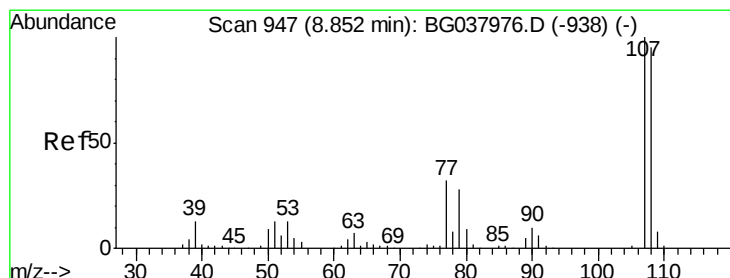
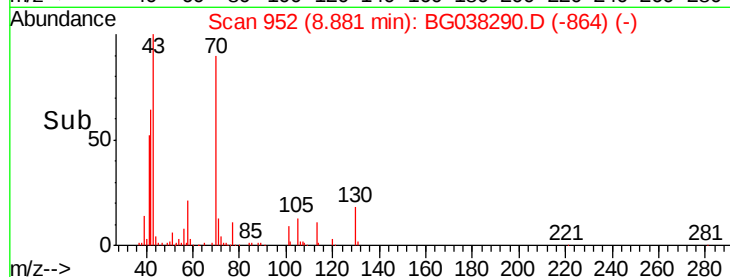
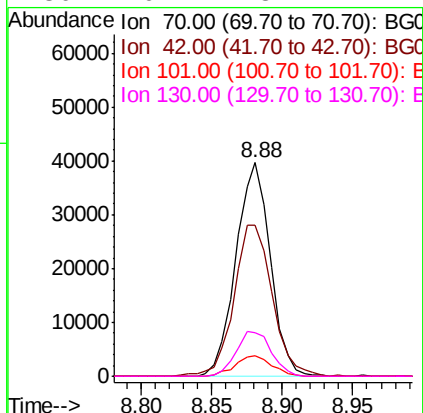
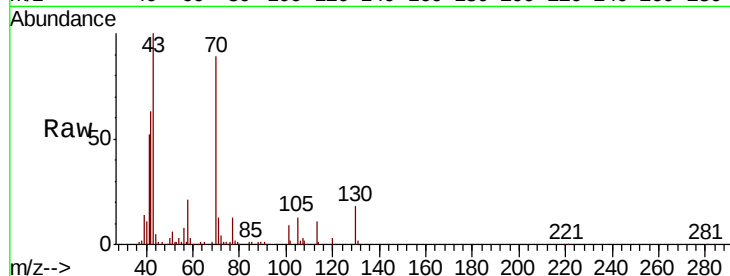




#19
n-Nitroso-di-n-propylamine
Concen: 43.749 ng
RT: 8.88 min Scan# 952
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

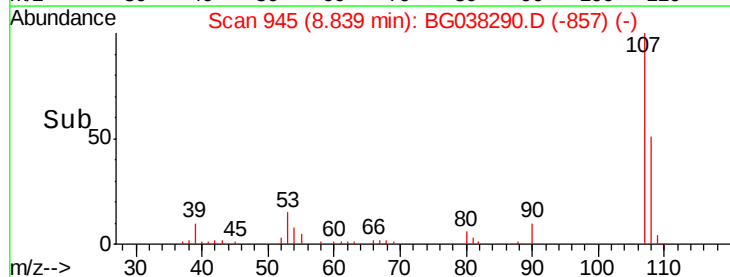
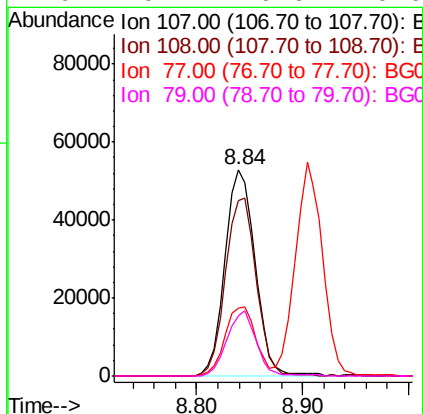
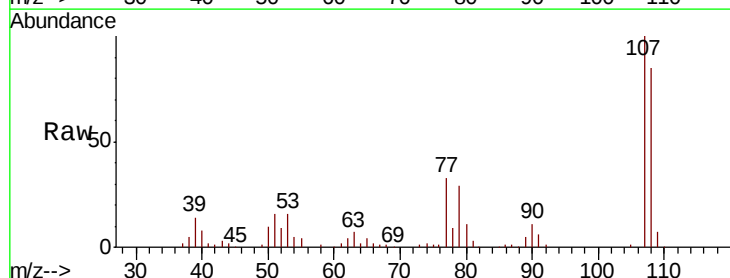
Instrument :
BNA_G
ClientSampleId :
PB115166BS

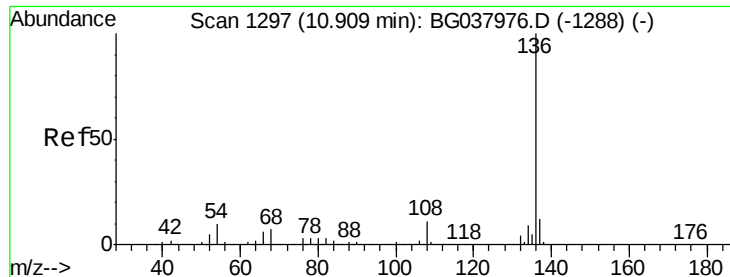
Tot Ion:	70	Resp:	67680
Ion	Ratio	Lower	Upper
70	100		
42	70.5	53.9	80.9
101	9.8	8.2	12.2
130	20.4	18.2	27.4



#20
3+4-Methylphenols
Concen: 48.271 ng
RT: 8.84 min Scan# 945
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:	107	Resp:	104769
Ion	Ratio	Lower	Upper
107	100		
108	85.3	69.9	109.9
77	32.9	11.2	51.2
79	29.2	6.6	46.6

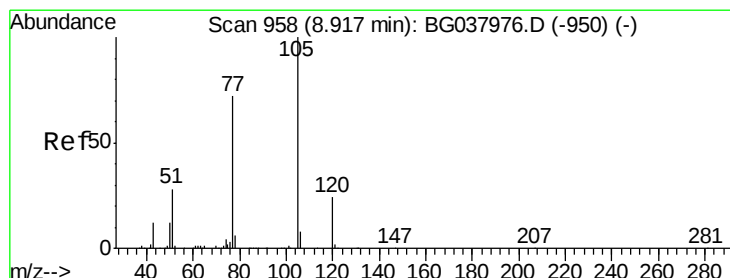
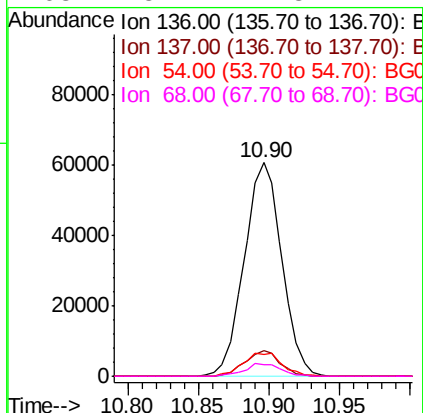
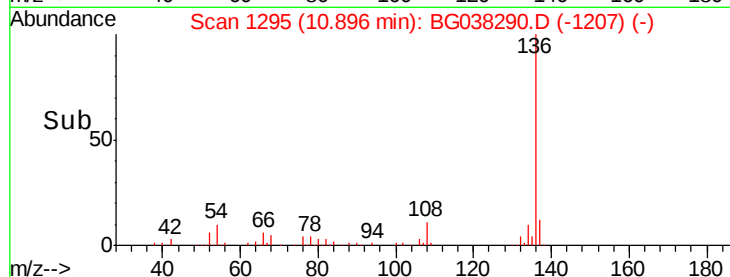
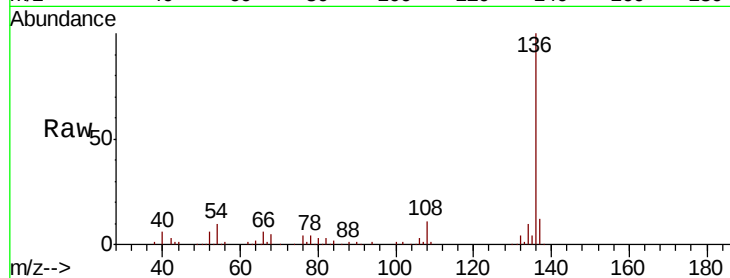




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

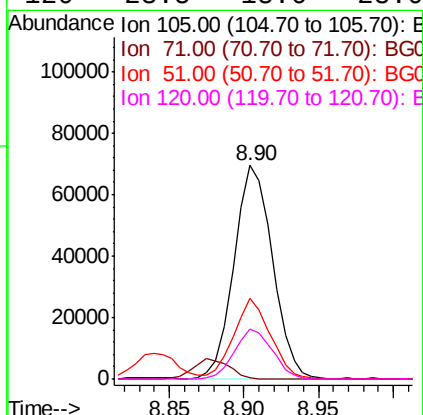
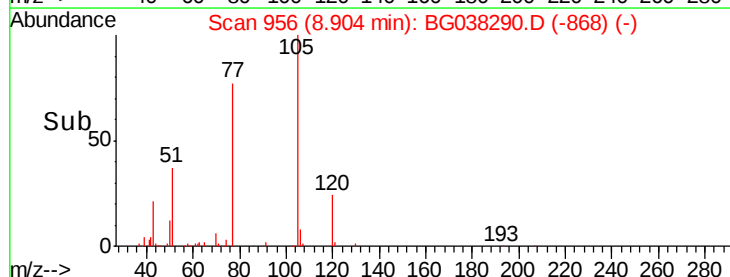
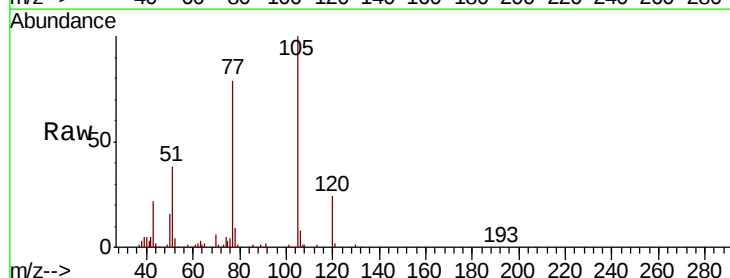
Instrument :
BNA_G
ClientSampleId :
PB115166BS

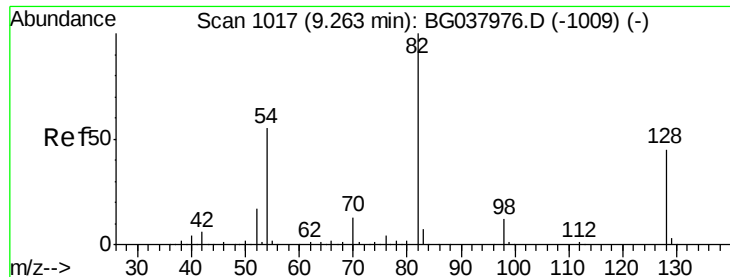
Tot Ion:136	Resp:	112611
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	10.5	7.9 11.9
68	5.4	4.8 7.2



#22
Acetophenone
Concen: 44.267 ng
RT: 8.90 min Scan# 956
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:105	Resp:	124028
Ion Ratio	Lower	Upper
105	100	
71	0.7	1.2 1.8#
51	38.0	25.0 37.6#
120	23.5	18.6 28.0

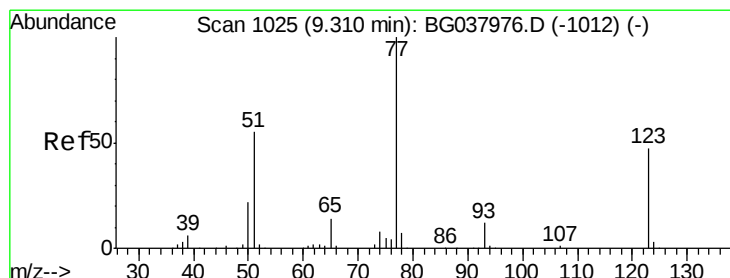
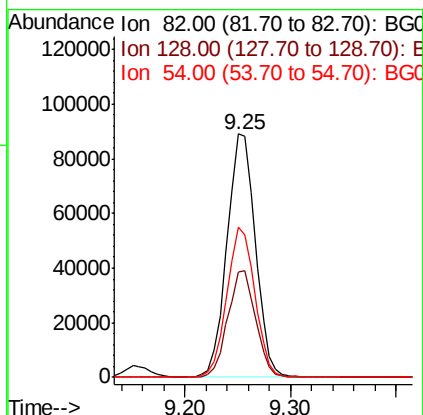
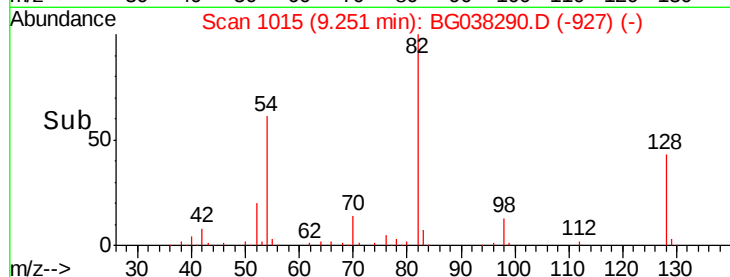
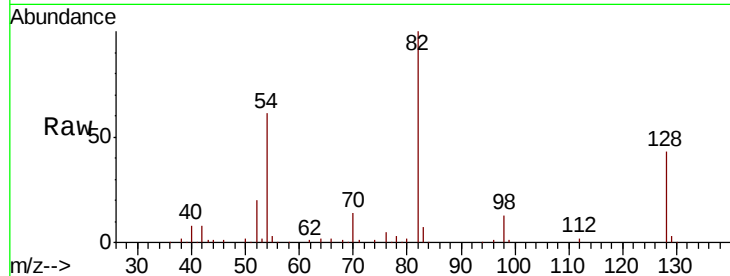




#23
Nitrobenzene-d5
Concen: 78.555 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

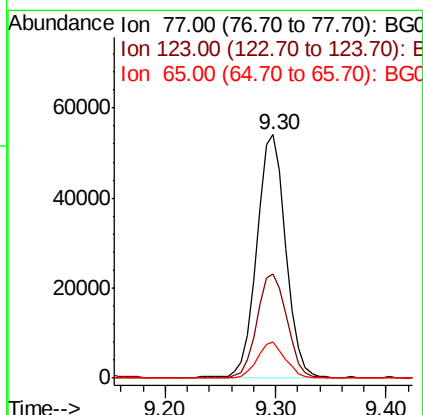
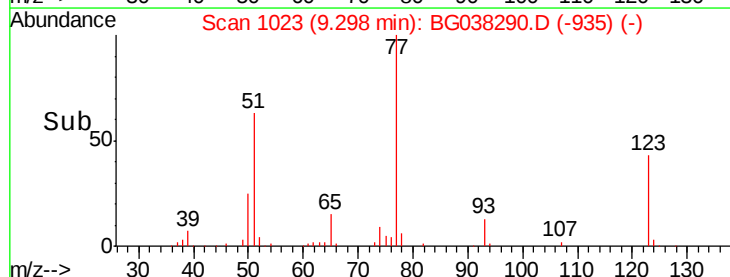
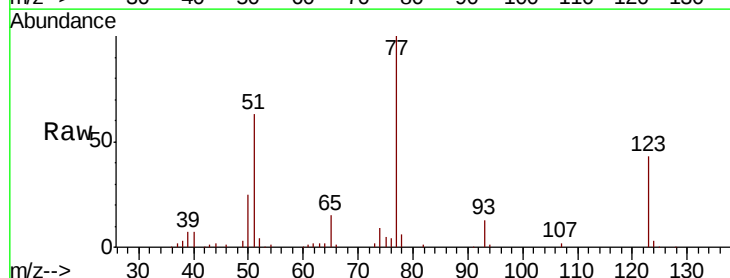
Instrument :
BNA_G
ClientSampleId :
PB115166BS

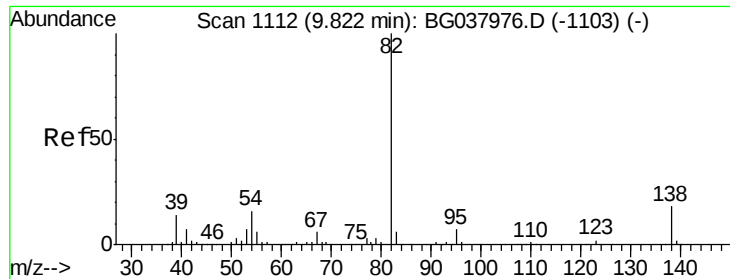
Tot Ion: 82 Resp: 165254
Ion Ratio Lower Upper
82 100
128 43.1 34.6 51.8
54 61.4 45.3 67.9



#24
Nitrobenzene
Concen: 46.280 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion: 77 Resp: 99594
Ion Ratio Lower Upper
77 100
123 42.7 33.6 50.4
65 14.7 11.3 16.9





#25

Isophorone

Concen: 50.751 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

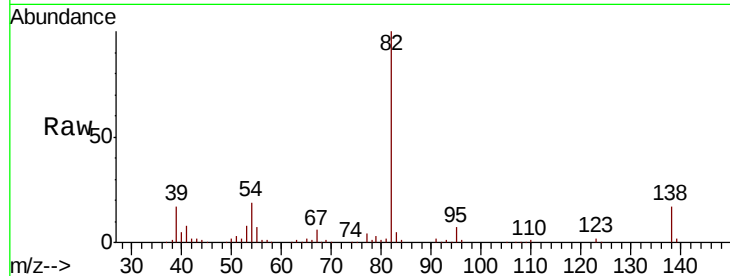
Tot Ion: 82 Resp: 192166

Ion Ratio Lower Upper

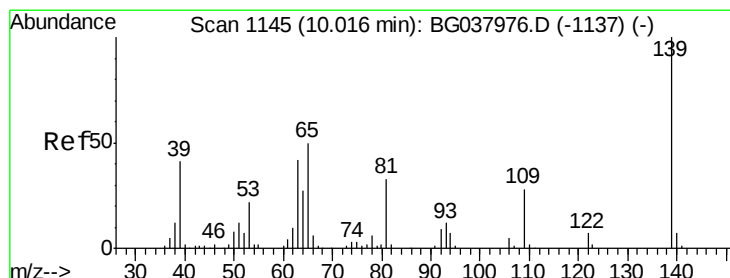
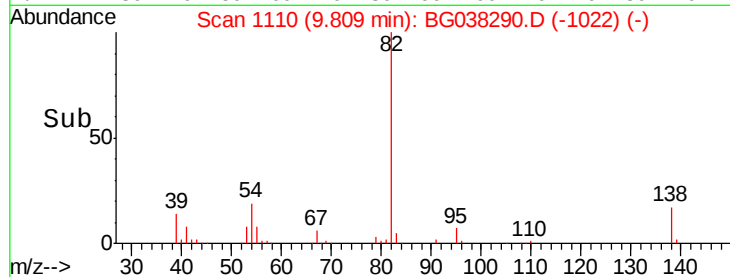
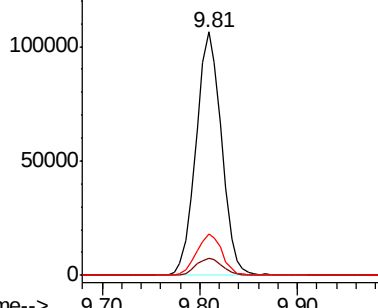
82 100

95 7.1 5.3 7.9

138 17.2 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: 45.640 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

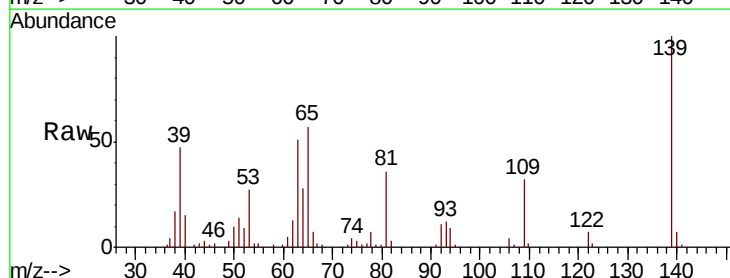
Tgt Ion: 139 Resp: 49032

Ion Ratio Lower Upper

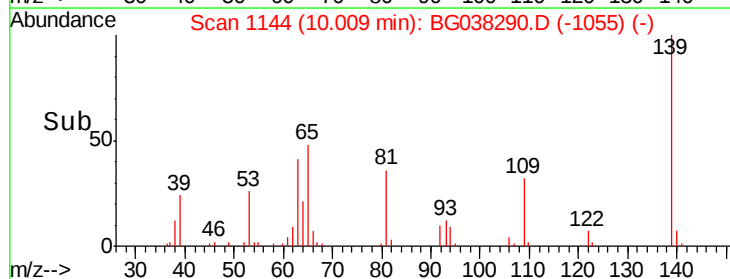
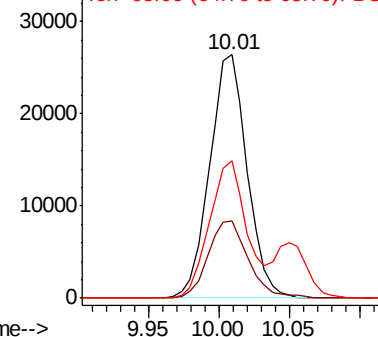
139 100

109 31.6 23.3 34.9

65 56.7 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

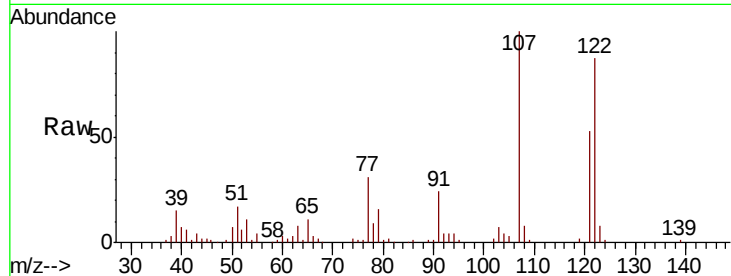




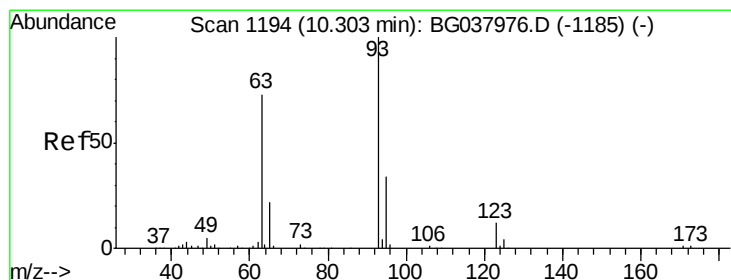
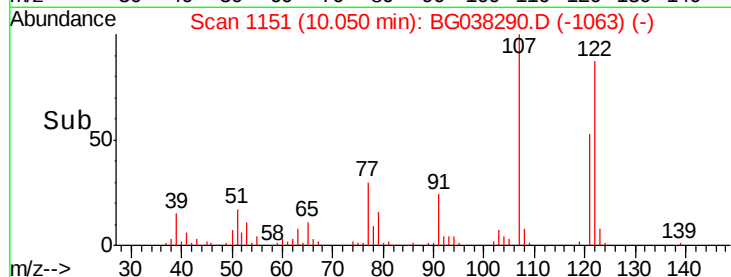
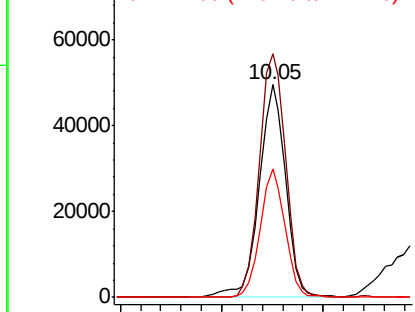
#27
 2,4-Dimethylphenol
 Concen: 55.368 ng
 RT: 10.05 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion:122 Resp: 89623
 Ion Ratio Lower Upper
 122 100
 107 114.6 94.2 141.2
 121 60.6 47.3 70.9

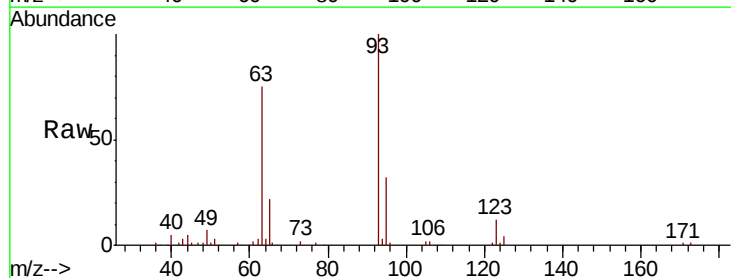


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

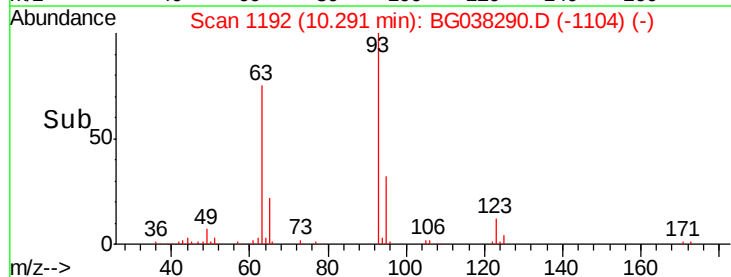
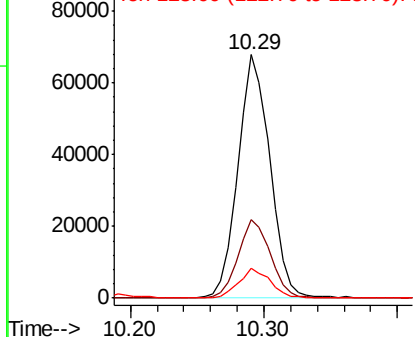


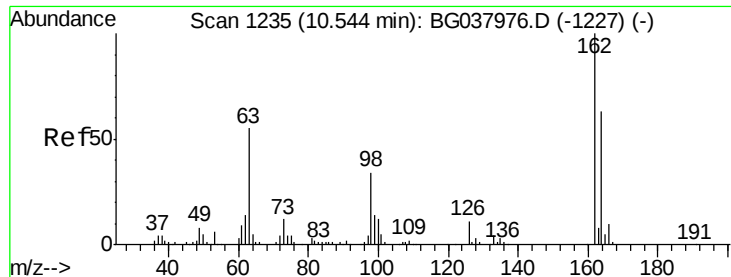
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.359 ng
 RT: 10.29 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion: 93 Resp: 112245
 Ion Ratio Lower Upper
 93 100
 95 32.5 24.6 37.0
 123 12.5 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

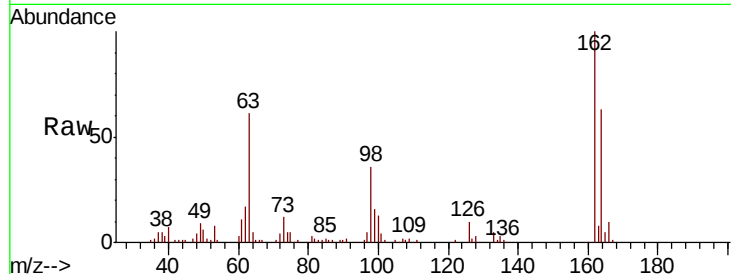




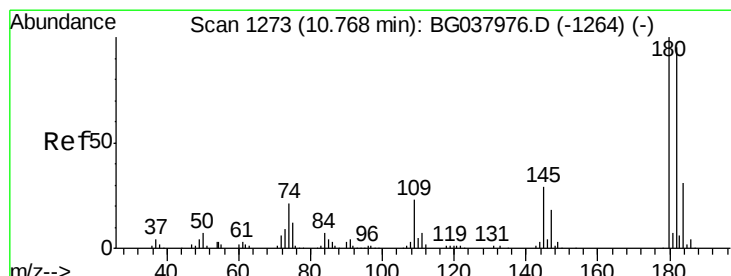
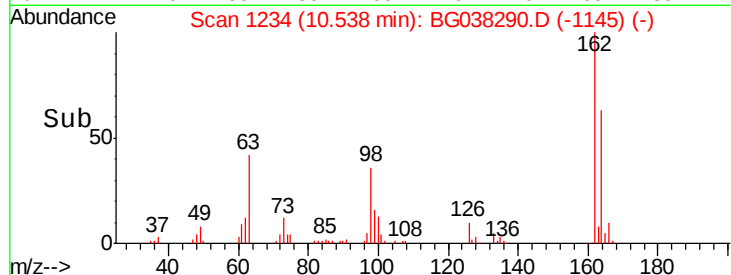
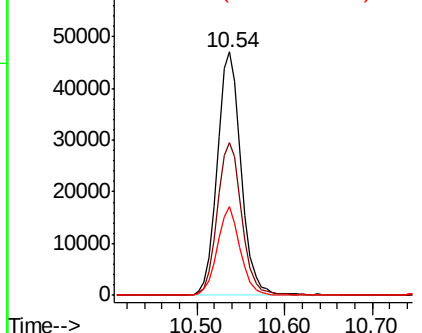
#29
 2,4-Dichlorophenol
 Concen: 48.787 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion:162 Resp: 88826
 Ion Ratio Lower Upper
 162 100
 164 62.8 43.2 83.2
 98 36.4 16.0 56.0

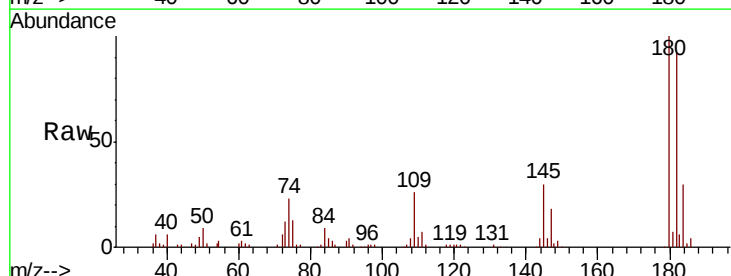


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

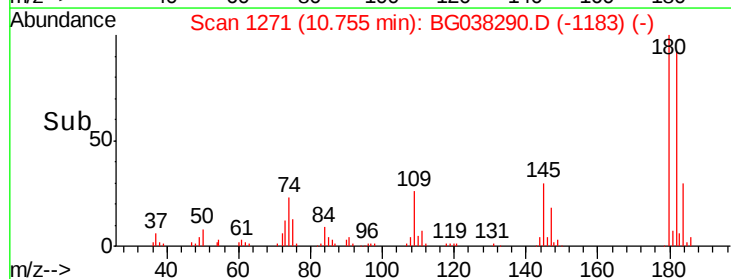
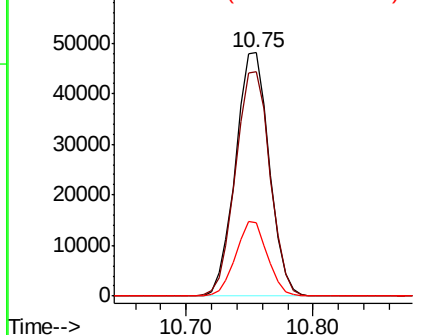


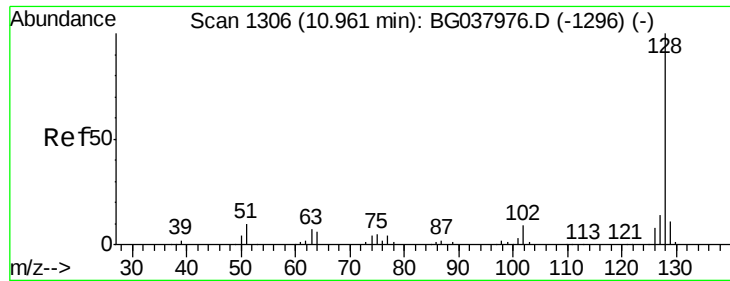
#30
 1,2,4-Trichlorobenzene
 Concen: 43.474 ng
 RT: 10.75 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion:180 Resp: 88698
 Ion Ratio Lower Upper
 180 100
 182 92.0 77.7 116.5
 145 29.9 23.3 34.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

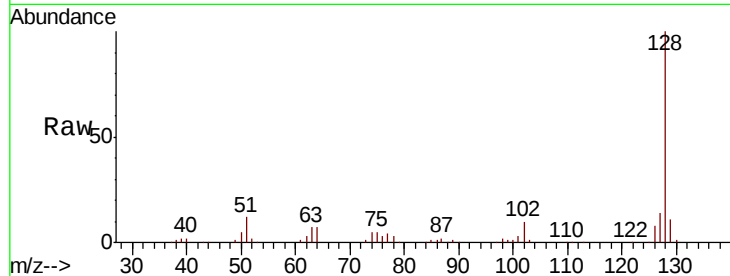




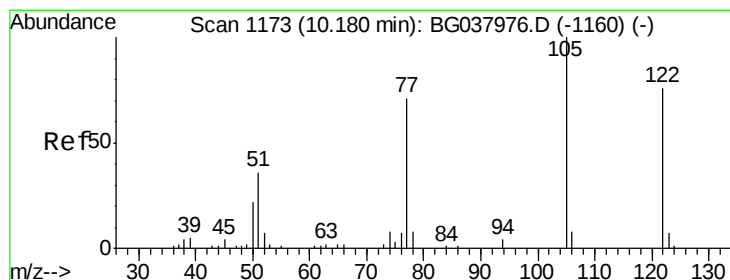
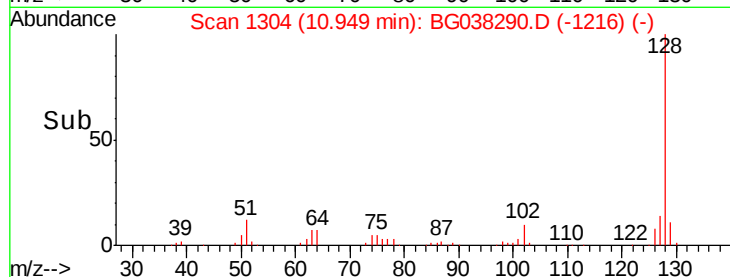
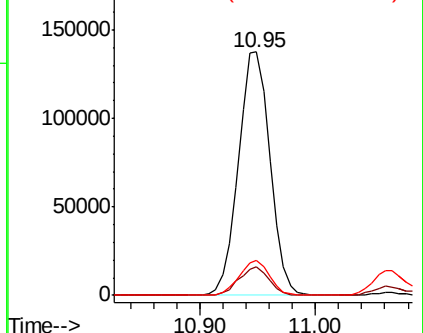
#31
Naphthalene
Concen: 47.073 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:128 Resp: 260729
Ion Ratio Lower Upper
128 100
129 11.5 9.0 13.6
127 14.4 11.1 16.7

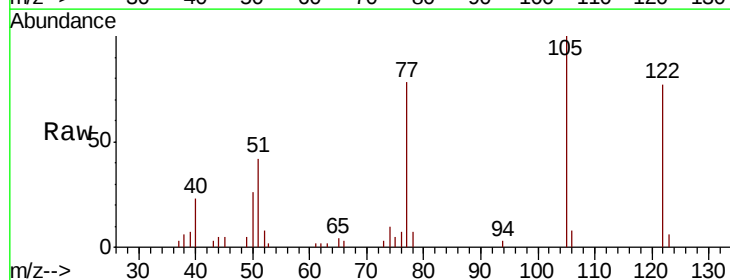


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

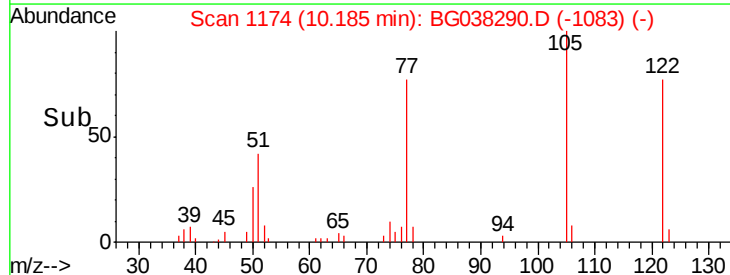
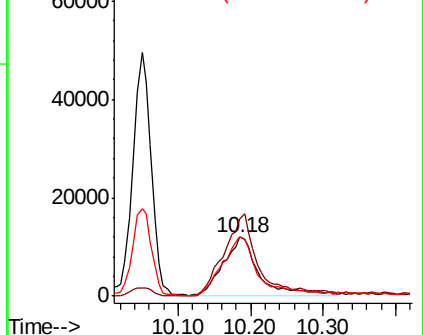


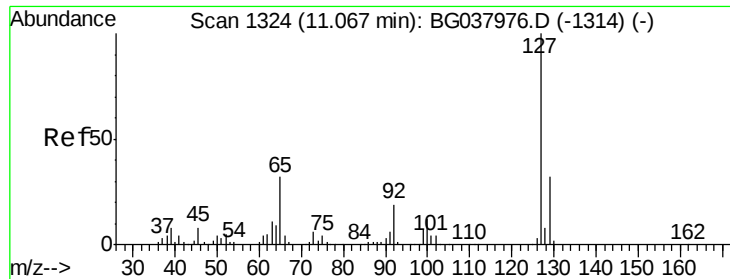
#32
Benzoic acid
Concen: 40.502 ng
RT: 10.18 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:122 Resp: 39511
Ion Ratio Lower Upper
122 100
105 130.3 106.7 146.7
77 101.5 72.2 112.2



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

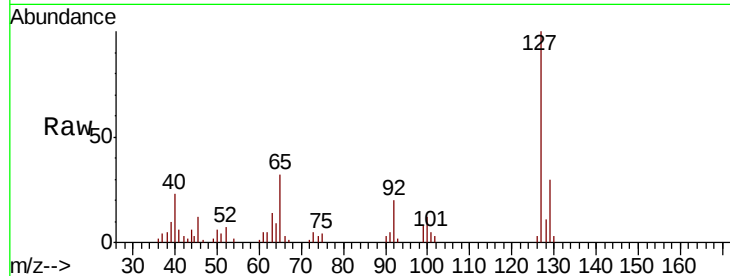




#33
4-Chloroaniline
Concen: 11.457 ng
RT: 11.07 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:	127	Resp:	29518
Ion	Ratio	Lower	Upper
127	100		
129	29.9	27.1	40.7
65	32.0	26.6	39.8
92	20.2	16.4	24.6



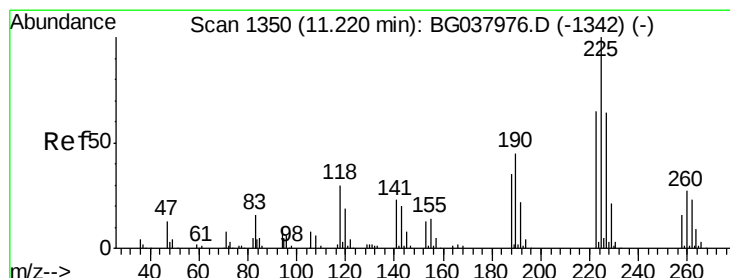
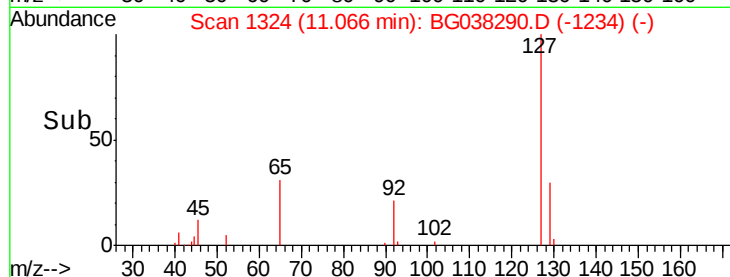
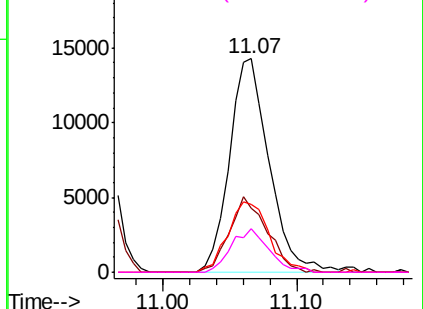
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

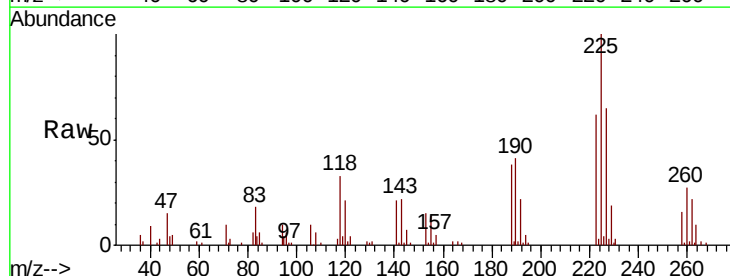
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.604 ng
RT: 11.21 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:	225	Resp:	54752
Ion	Ratio	Lower	Upper
225	100		
223	59.7	48.2	72.4
227	65.8	51.6	77.4

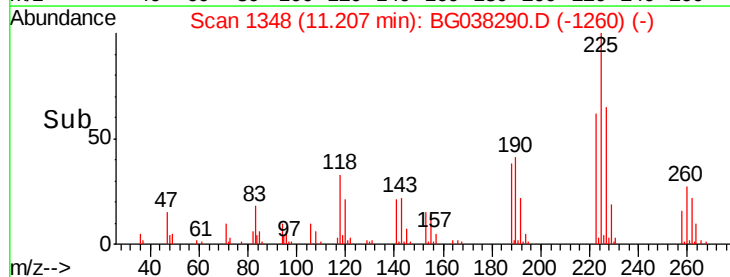
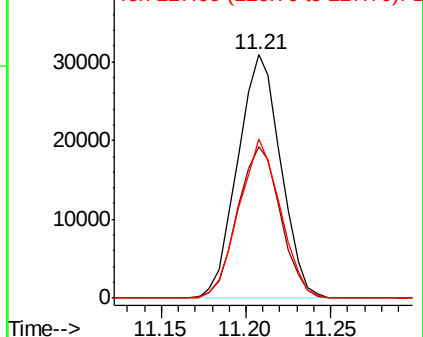


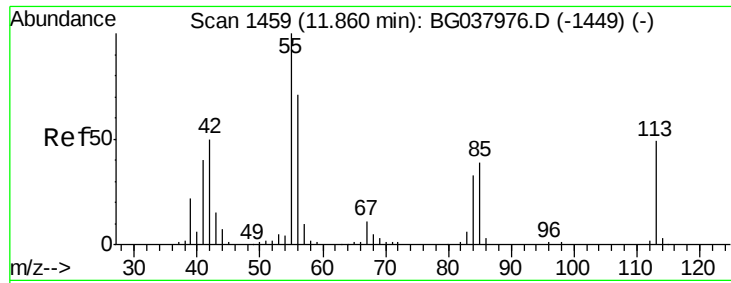
Abundance

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

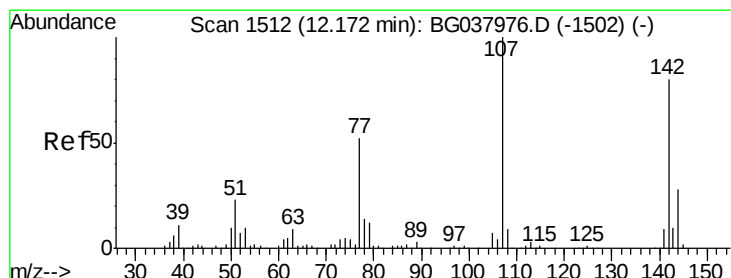
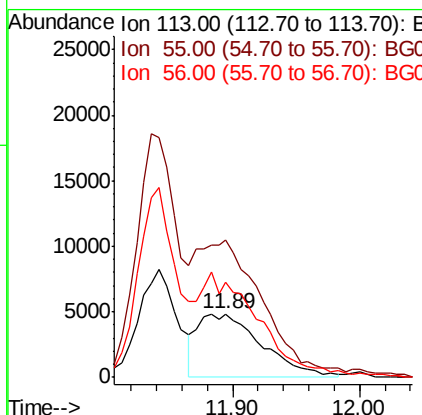
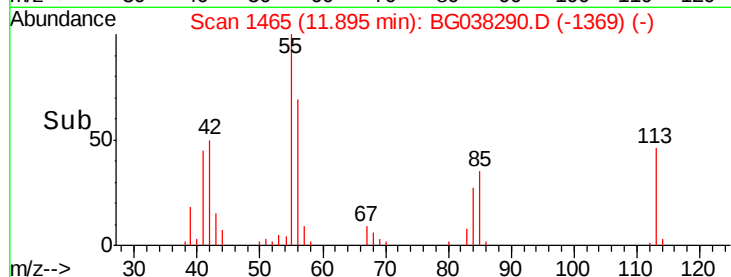
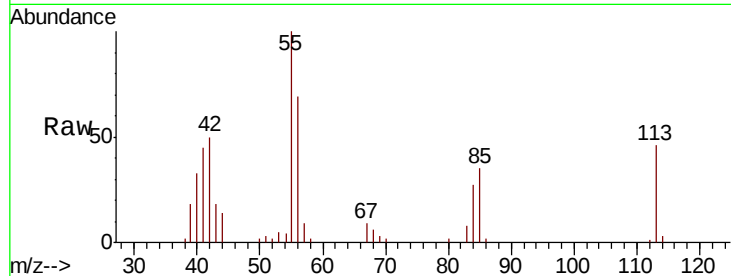




#35
 Caprolactam
 Concen: 23.189 ng
 RT: 11.89 min Scan# 1465
 Delta R.T. 0.03 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

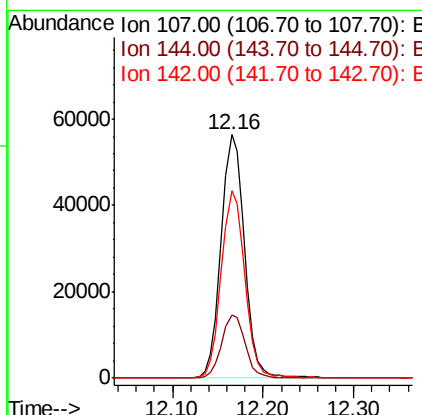
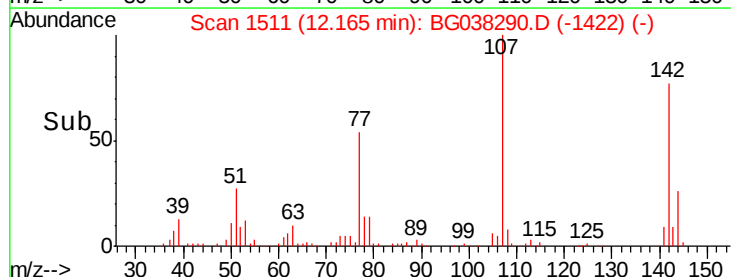
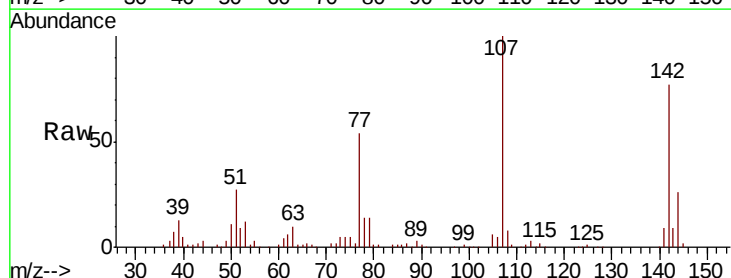
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

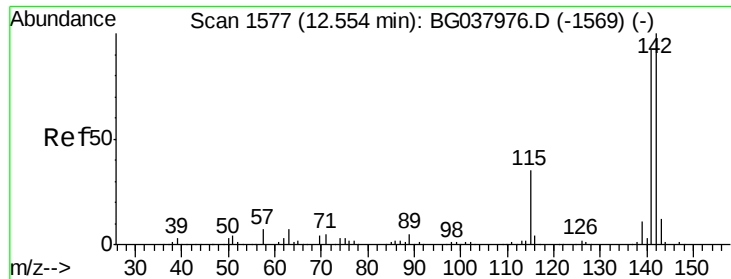
Tot Ion:113 Resp: 16899
 Ion Ratio Lower Upper
 113 100
 55 216.1 176.6 216.6
 56 149.9 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 50.890 ng
 RT: 12.16 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion:107 Resp: 101226
 Ion Ratio Lower Upper
 107 100
 144 25.8 20.7 31.1
 142 76.7 64.4 96.6

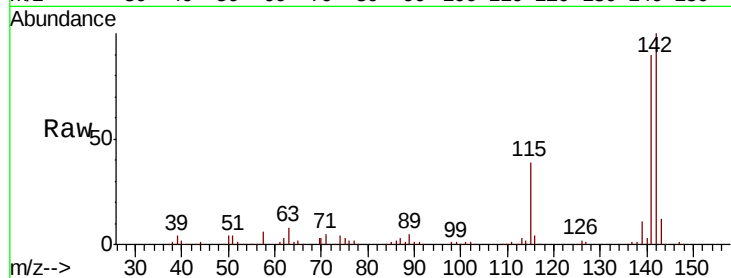




#37
2-Methylnaphthalene
Concen: 48.901 ng
RT: 12.55 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9
115	38.7	27.8	41.8

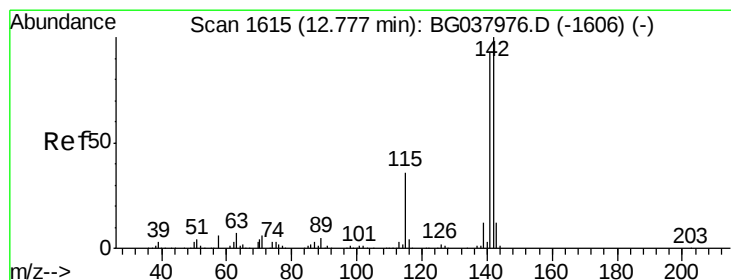
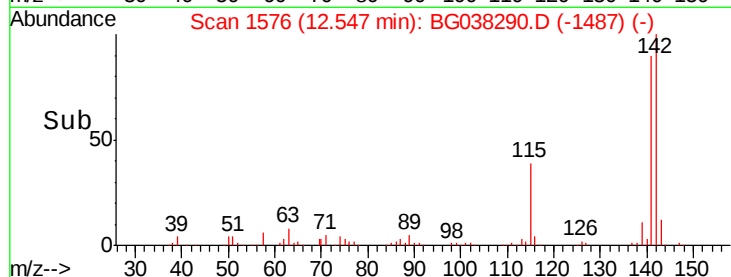
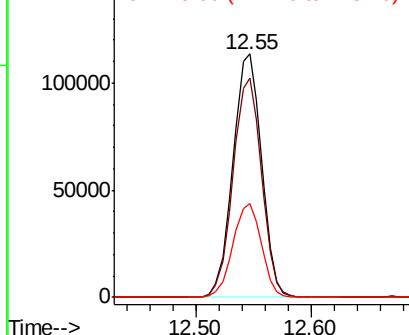


Abundance

Ion 142.00 (141.70 to 142.70): E

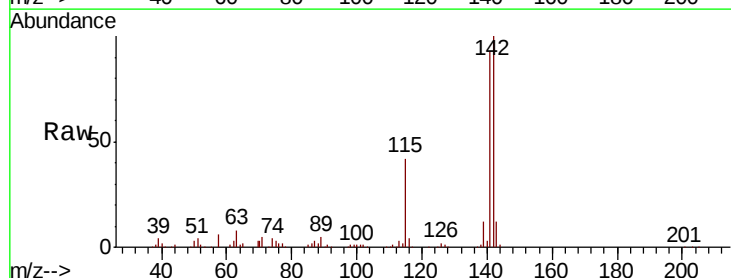
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 48.813 ng
RT: 12.76 min Scan# 1613
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	75.2	112.8
116	4.5	3.3	4.9

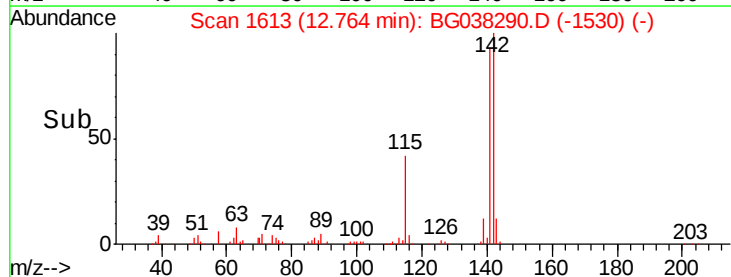
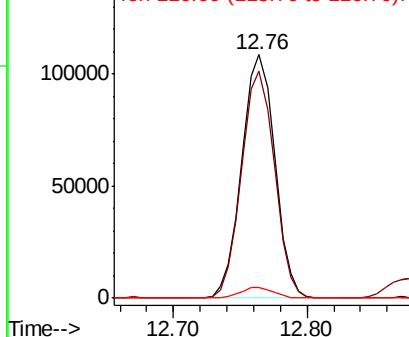


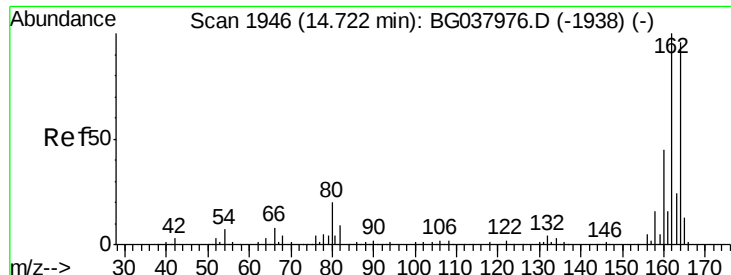
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

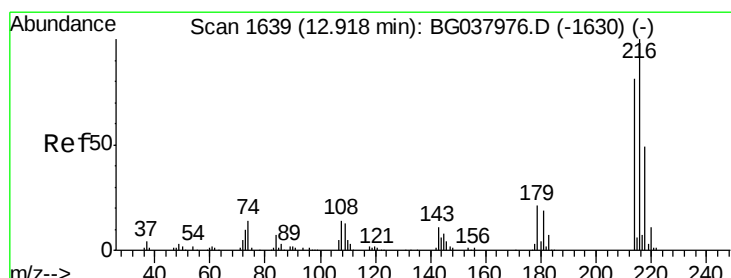
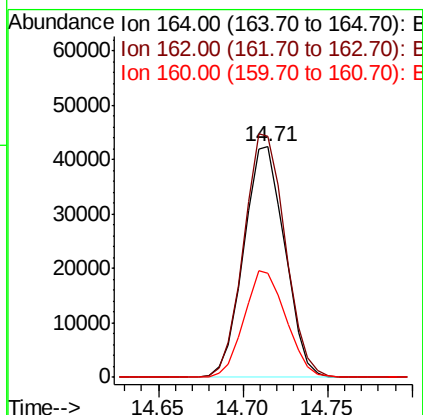
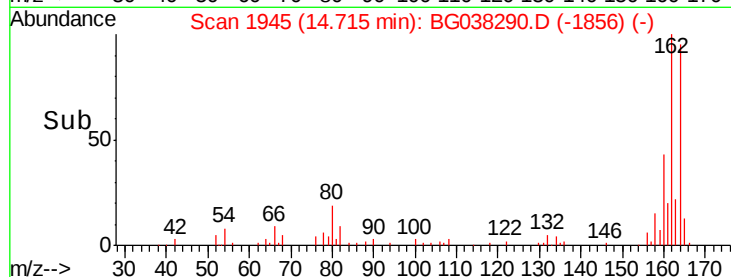
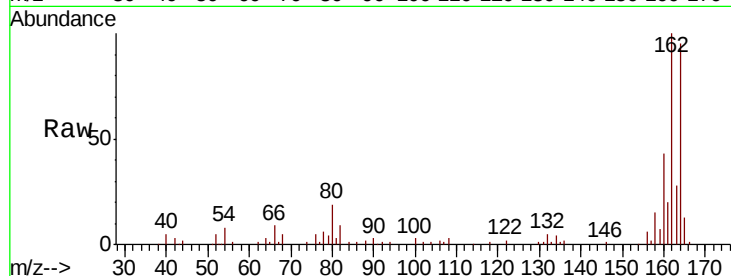
Tot Ion:164 Resp: 71610

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

160 45.1 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.986 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Tgt Ion:216 Resp: 102860

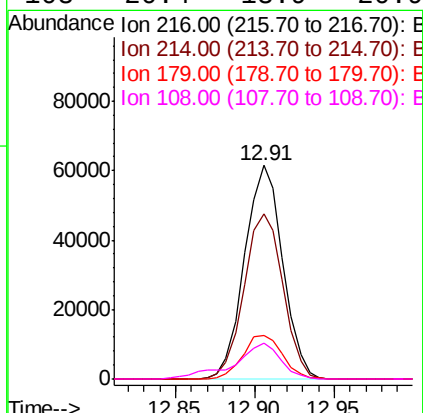
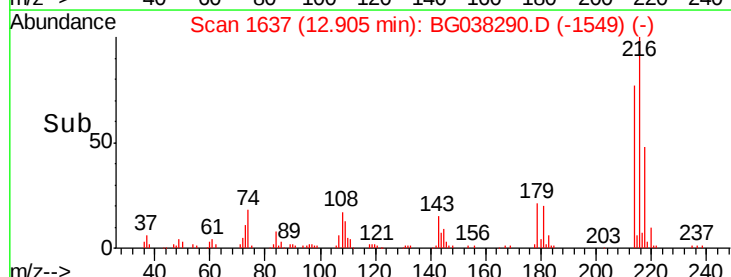
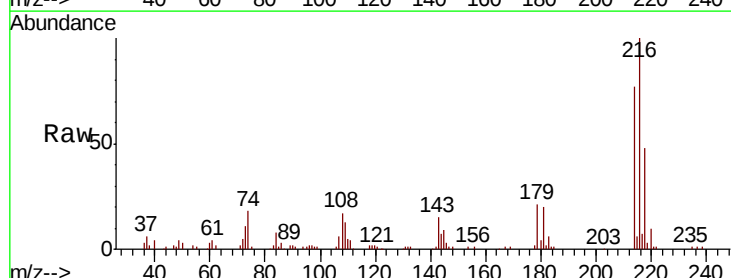
Ion Ratio Lower Upper

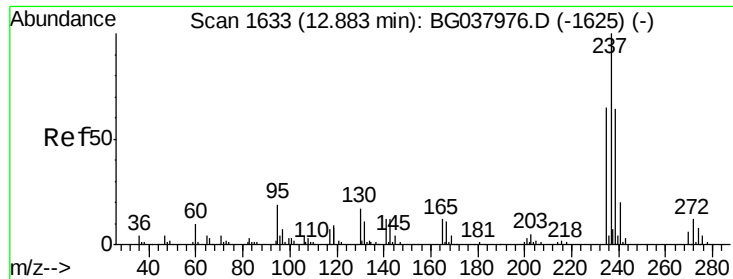
216 100

214 78.8 63.8 95.6

179 21.2 17.4 26.0

108 20.4 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 99.773 ng

RT: 12.87 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

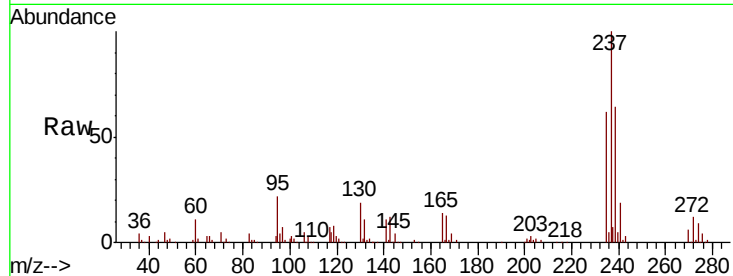
Tot Ion:237 Resp: 127842

Ion Ratio Lower Upper

237 100

235 61.9 42.5 82.5

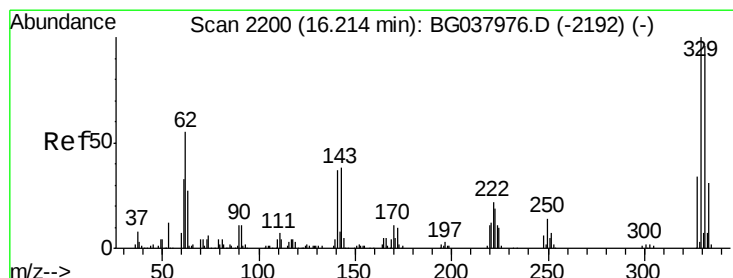
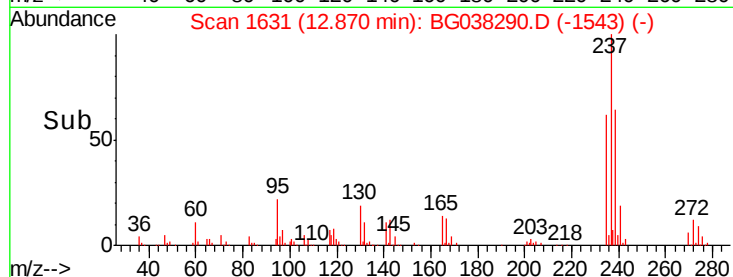
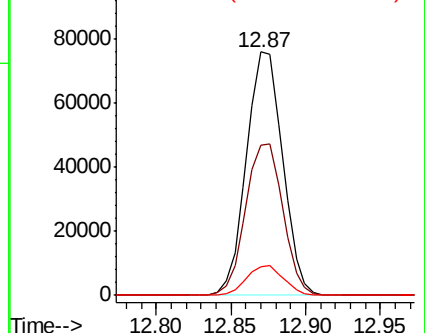
272 11.7 0.0 31.6



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: 131.927 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

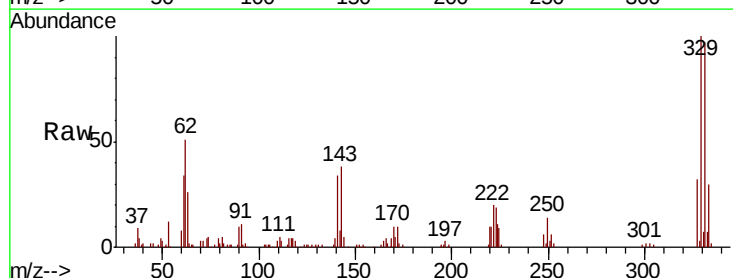
Tgt Ion:330 Resp: 107744

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

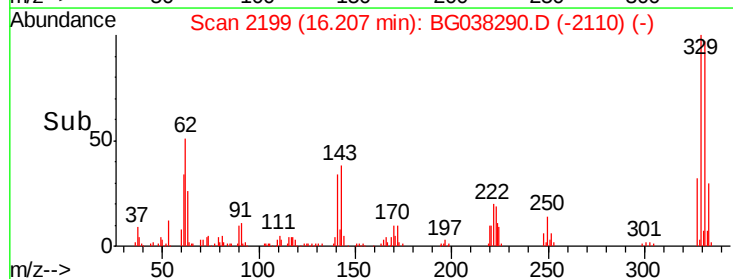
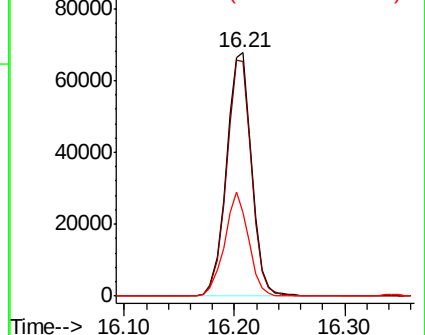
141 40.5 32.2 48.2

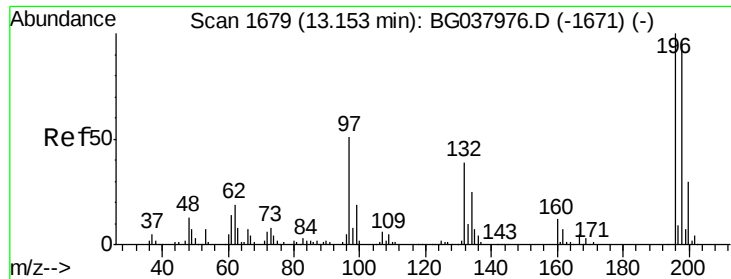


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

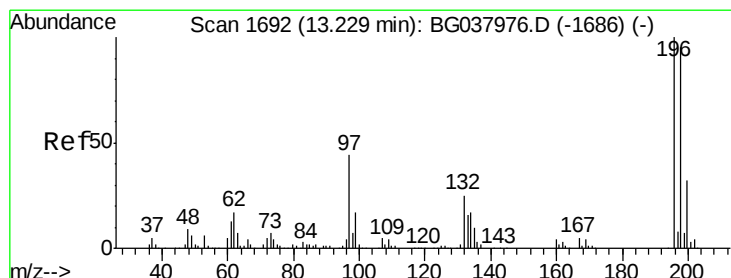
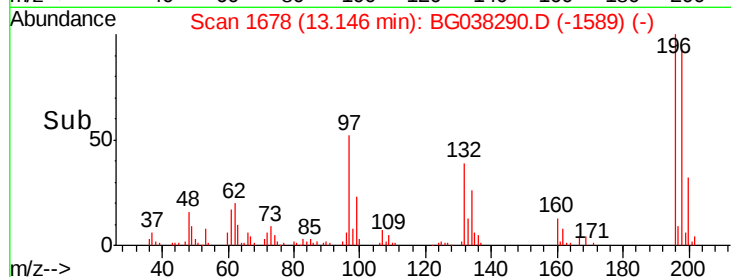
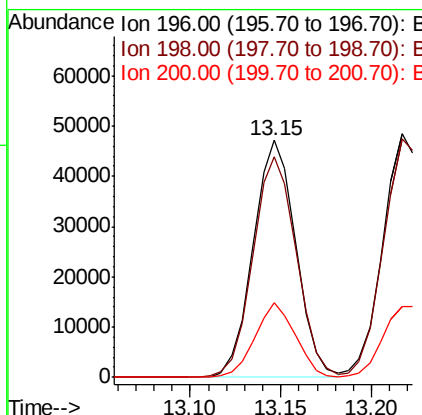
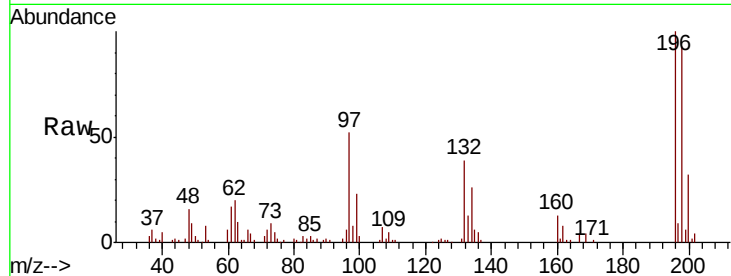




#43
 2,4,6-Trichlorophenol
 Concen: 47.103 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

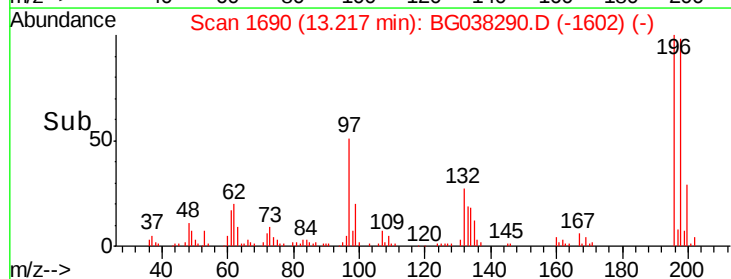
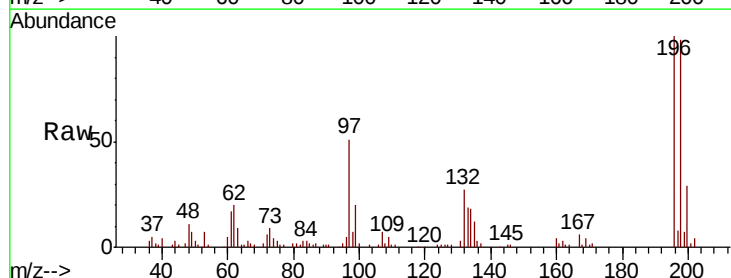
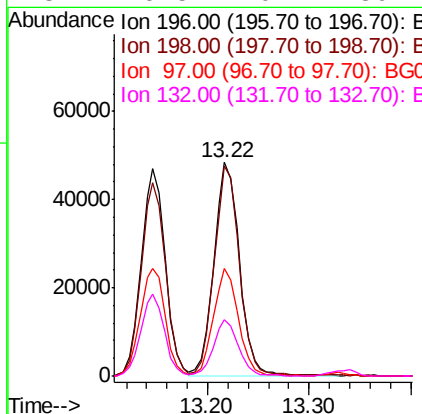
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

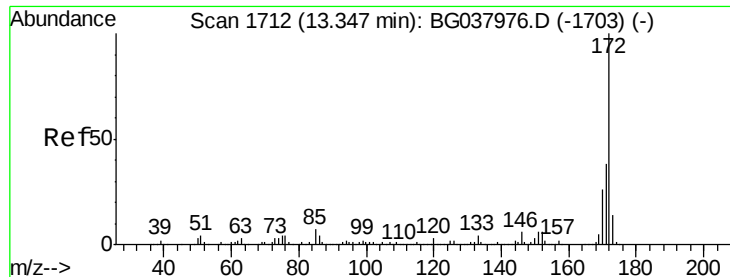
Tot Ion:196 Resp: 76806
 Ion Ratio Lower Upper
 196 100
 198 93.0 76.4 114.6
 200 31.5 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.418 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion:196 Resp: 84786
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.2 111.2
 97 50.5 34.1 51.1
 132 26.5 20.2 30.4

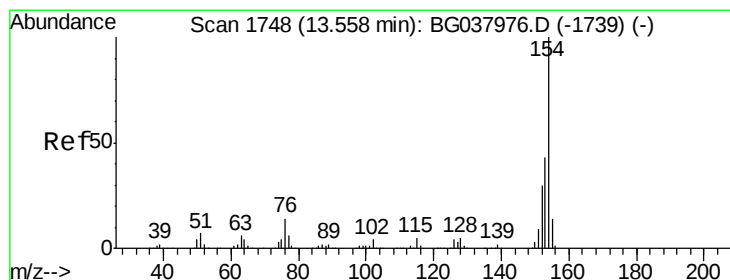
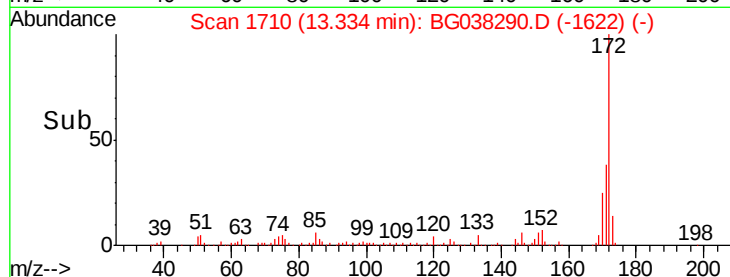
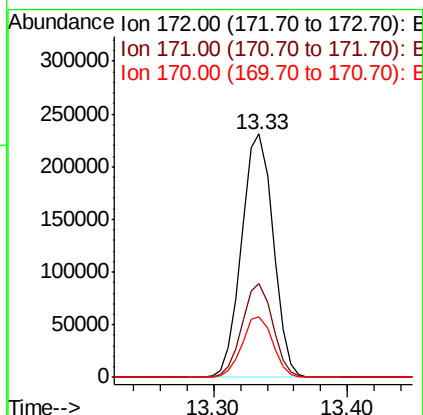
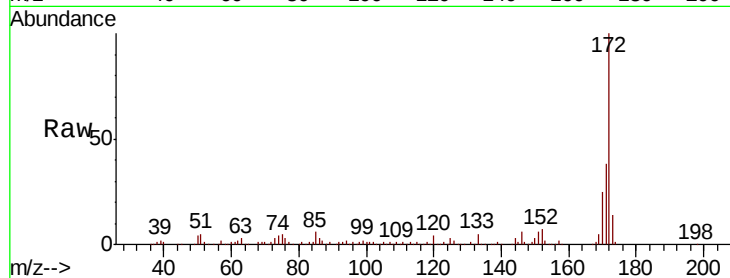




#45
2-Fluorobiphenyl
Concen: 76.884 ng
RT: 13.33 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

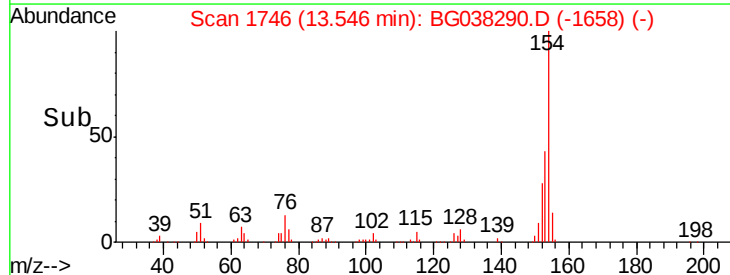
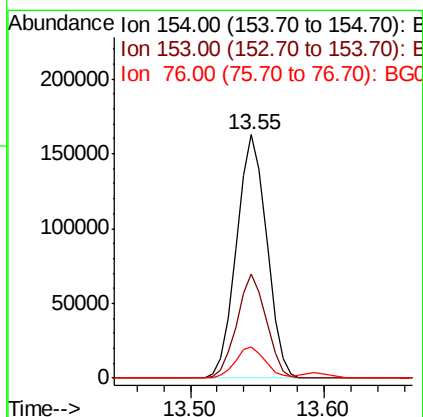
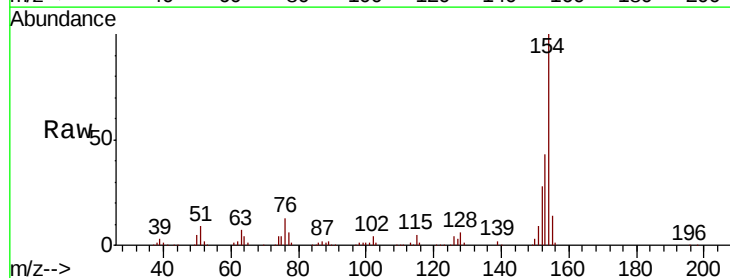
Instrument :
BNA_G
ClientSampleId :
PB115166BS

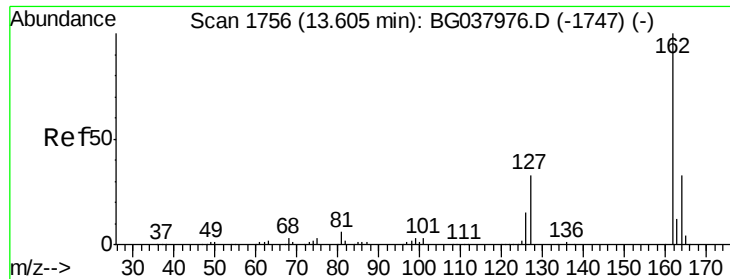
Tot Ion:172 Resp: 377915
Ion Ratio Lower Upper
172 100
171 38.4 31.0 46.4
170 25.0 20.2 30.2



#46
1,1'-Biphenyl
Concen: 42.418 ng
RT: 13.55 min Scan# 1746
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:154 Resp: 255189
Ion Ratio Lower Upper
154 100
153 42.5 22.1 62.1
76 12.8 0.0 33.2

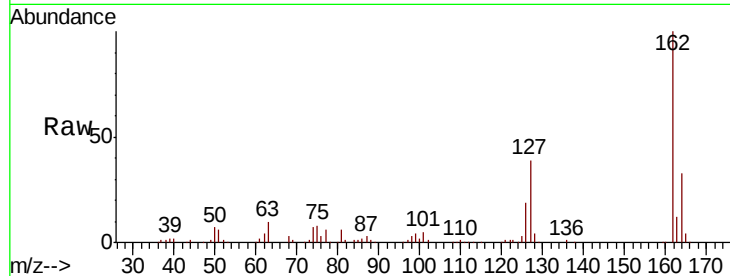




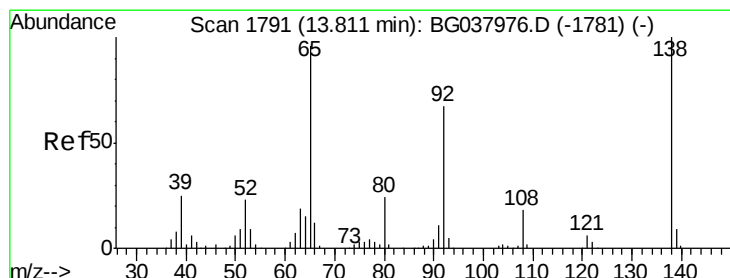
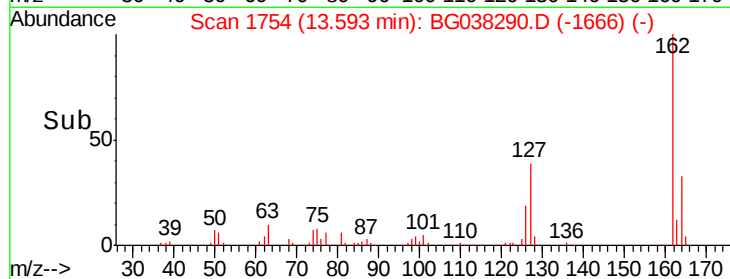
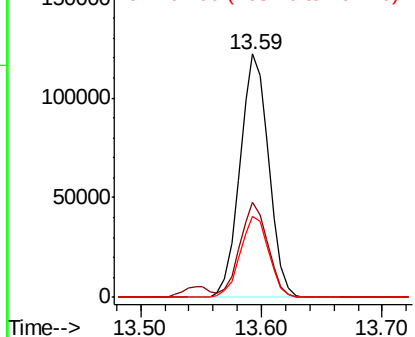
#47
 2-Chloronaphthalene
 Concen: 43.865 ng
 RT: 13.59 min Scan# 1754
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion:162 Resp: 201374
 Ion Ratio Lower Upper
 162 100
 127 38.8 30.5 45.7
 164 33.1 26.4 39.6

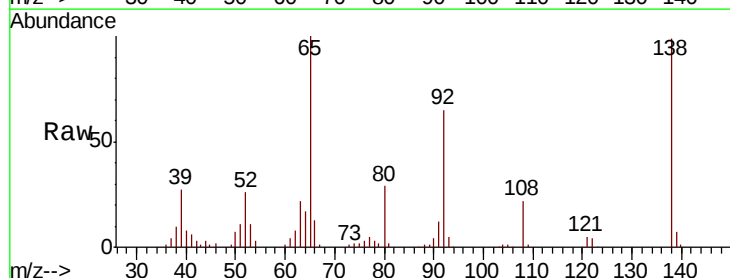


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

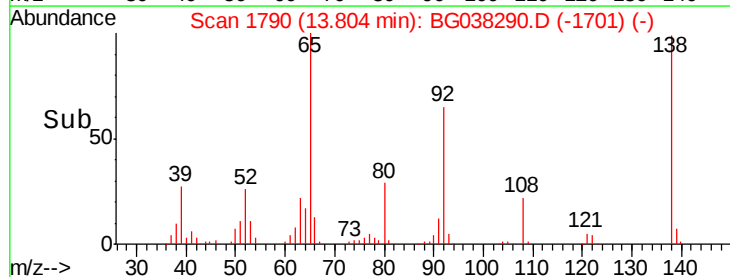
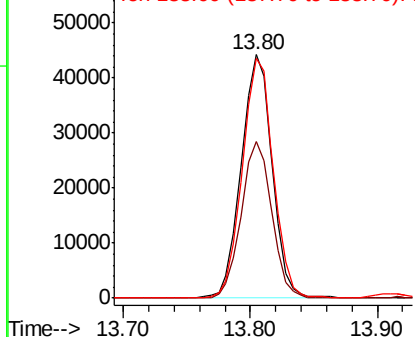


#48
 2-Nitroaniline
 Concen: 51.581 ng
 RT: 13.80 min Scan# 1790
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion: 65 Resp: 74526
 Ion Ratio Lower Upper
 65 100
 92 64.6 53.2 79.8
 138 98.6 79.3 118.9



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





#49

Acenaphthylene

Concen: 49.676 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

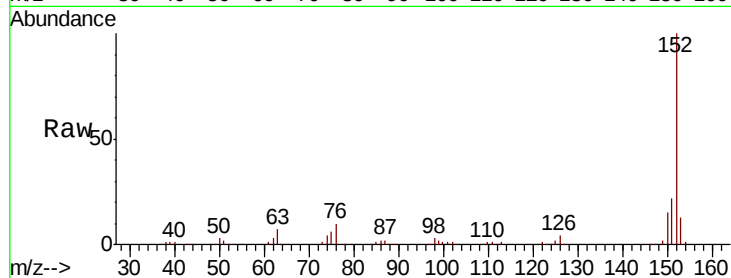
Tot Ion:152 Resp: 342934

Ion Ratio Lower Upper

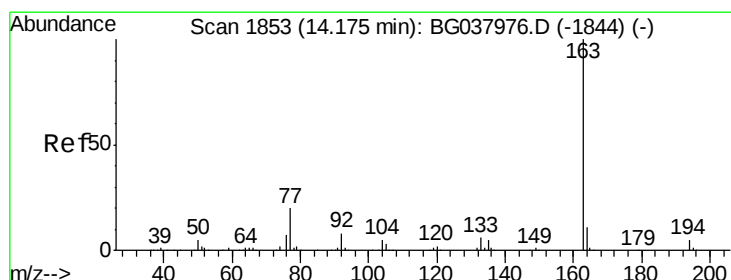
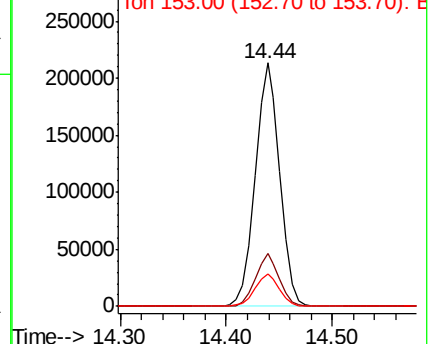
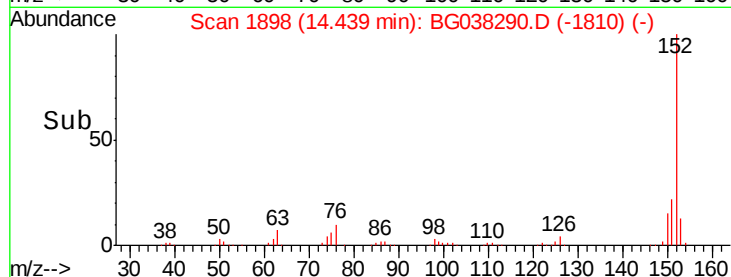
152 100

151 21.6 17.1 25.7

153 13.3 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: 49.379 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

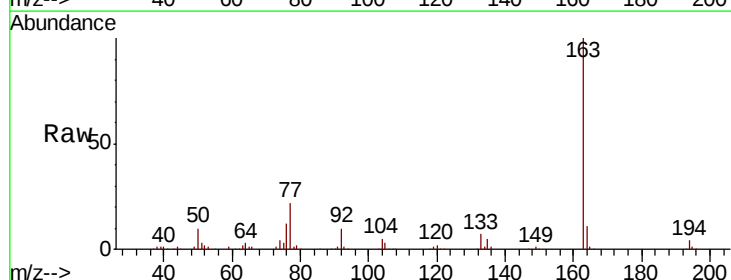
Tgt Ion:163 Resp: 280325

Ion Ratio Lower Upper

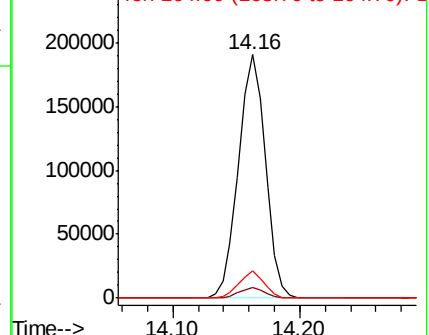
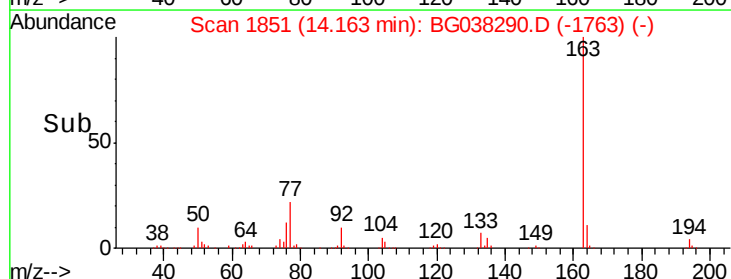
163 100

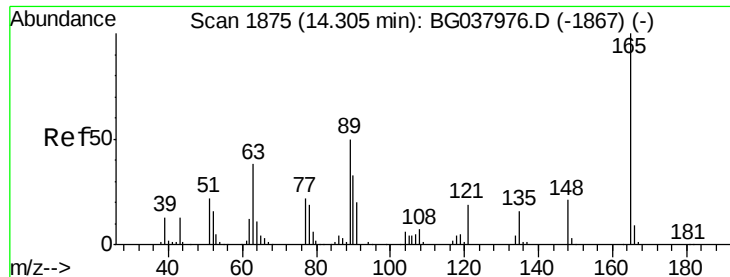
194 4.5 3.5 5.3

164 11.1 8.5 12.7



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

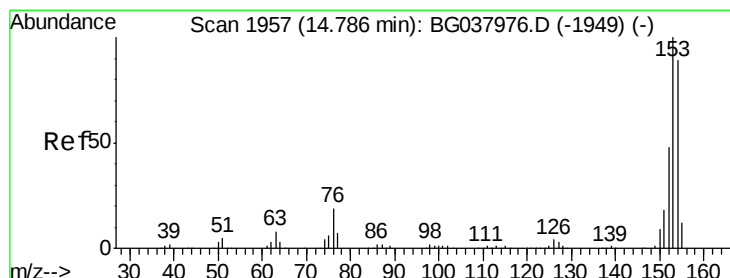
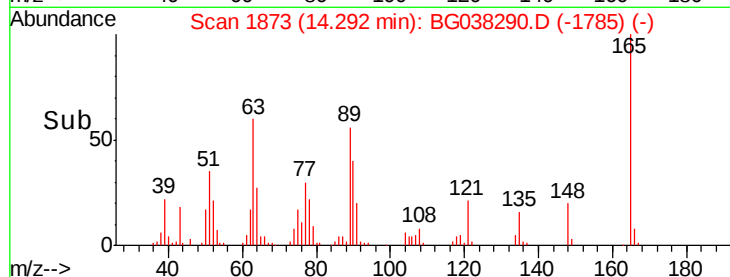
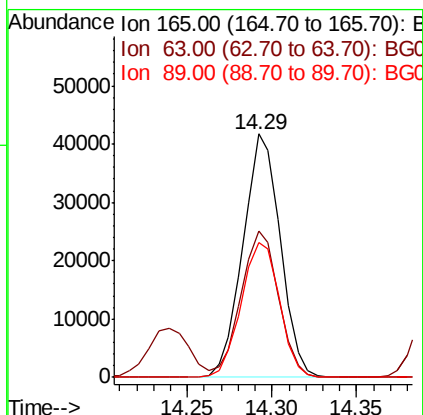
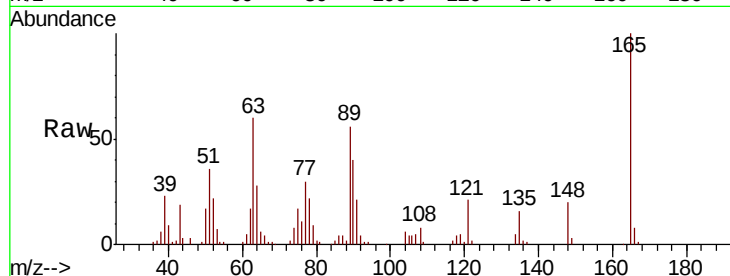




#51
 2,6-Dinitrotoluene
 Concen: 50.000 ng
 RT: 14.29 min Scan# 1873
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

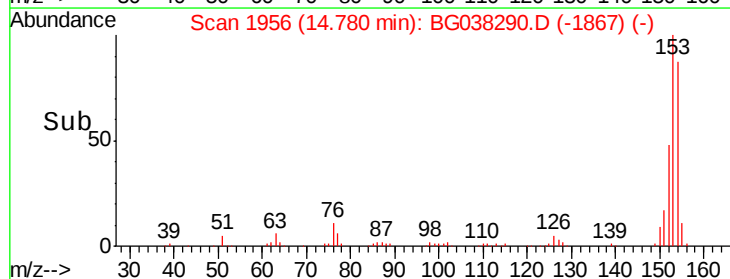
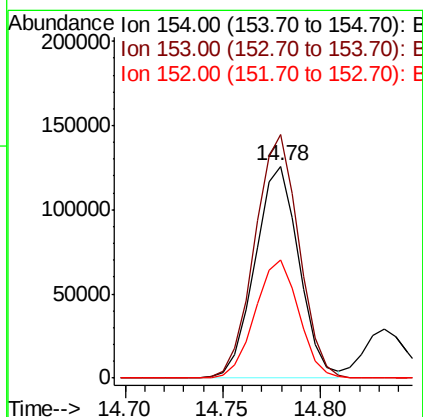
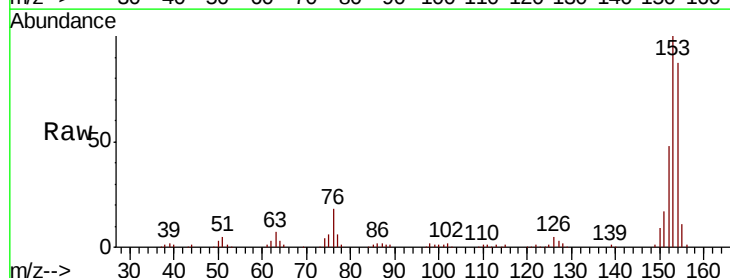
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tot Ion:165 Resp: 64243
 Ion Ratio Lower Upper
 165 100
 63 60.1 43.4 65.2
 89 55.6 45.8 68.6



#52
 Acenaphthene
 Concen: 47.277 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG038290.D
 Acq: 1 Dec 2018 16:46

Tgt Ion:154 Resp: 196486
 Ion Ratio Lower Upper
 154 100
 153 114.8 93.4 140.0
 152 55.5 44.7 67.1





#53

3-Nitroaniline

Concen: 17.264 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

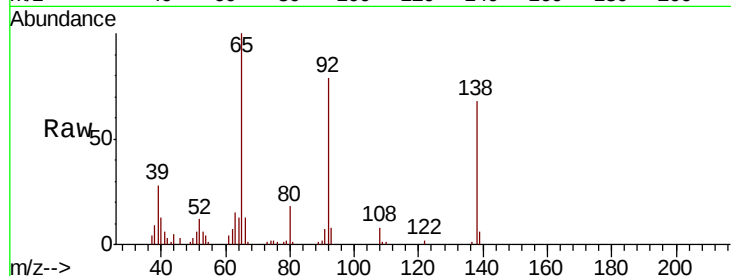
Tot Ion:138 Resp: 24477

Ion Ratio Lower Upper

138 100

108 11.3 11.0 16.6

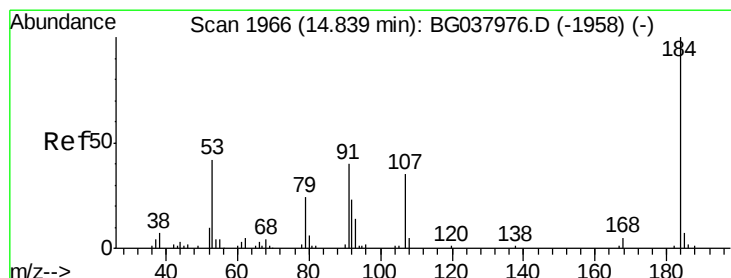
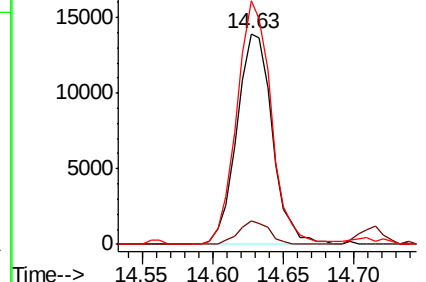
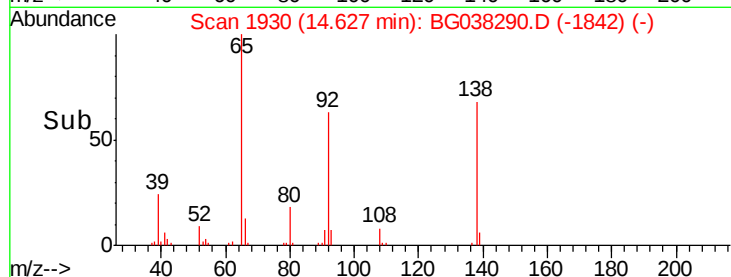
92 115.5 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 107.267 ng

RT: 14.83 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

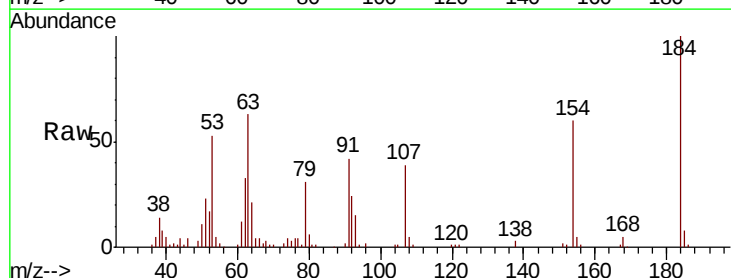
Tgt Ion:184 Resp: 76867

Ion Ratio Lower Upper

184 100

63 63.4 42.6 63.8

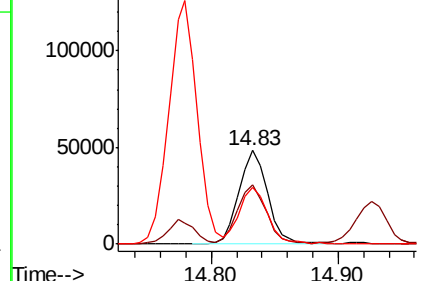
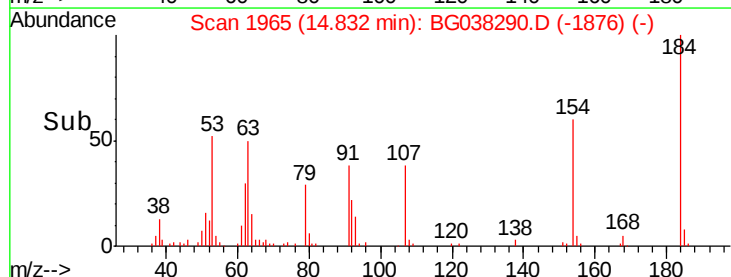
154 60.3 41.8 62.6

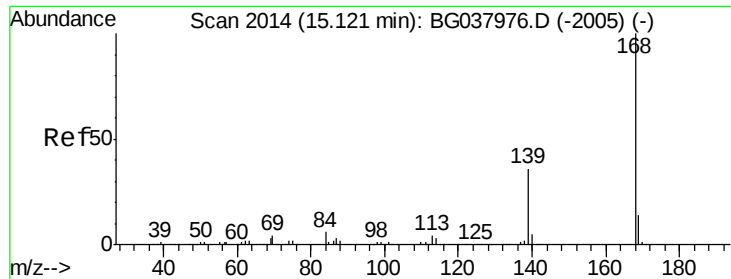


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

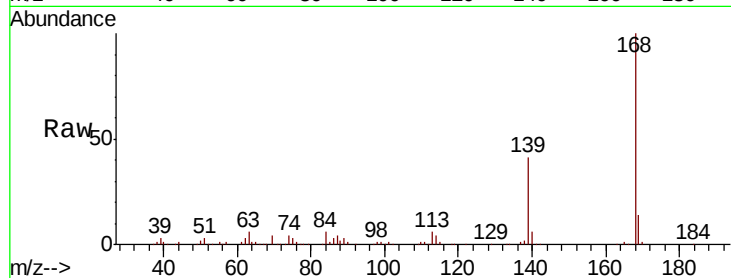




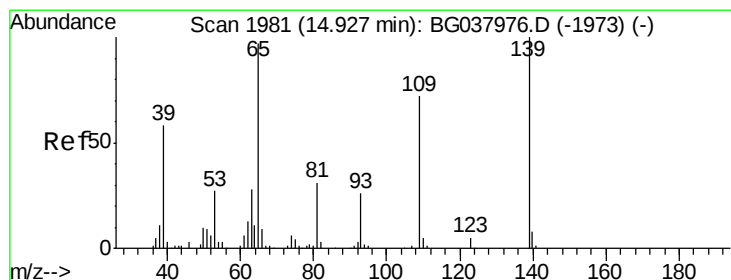
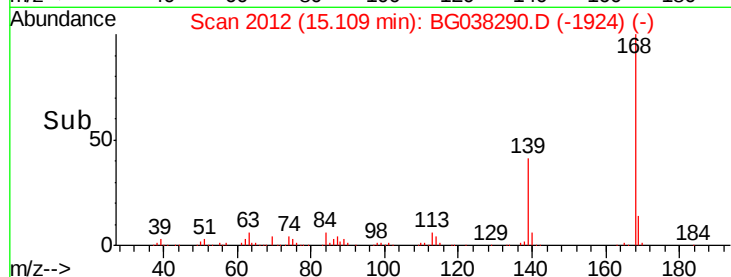
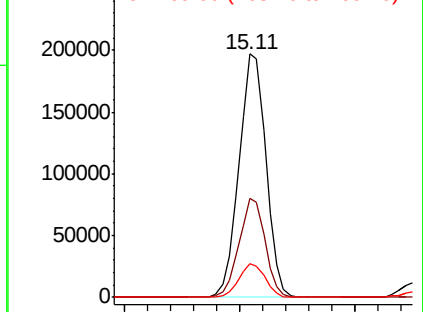
#55
Dibenzofuran
Concen: 46.278 ng
RT: 15.11 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:168 Resp: 318034
Ion Ratio Lower Upper
168 100
139 40.7 29.4 44.0
169 14.1 11.0 16.6

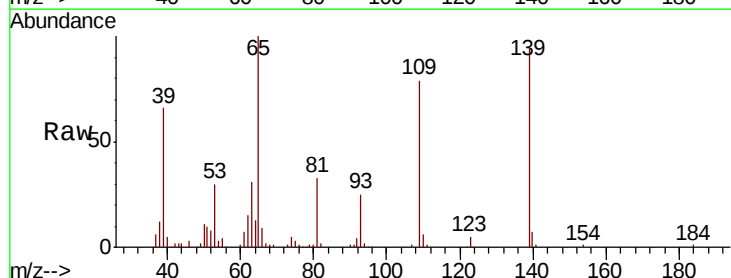


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

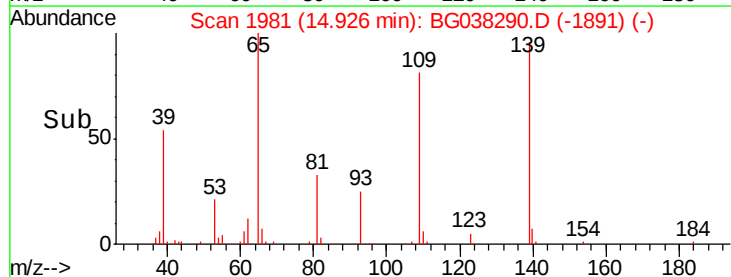
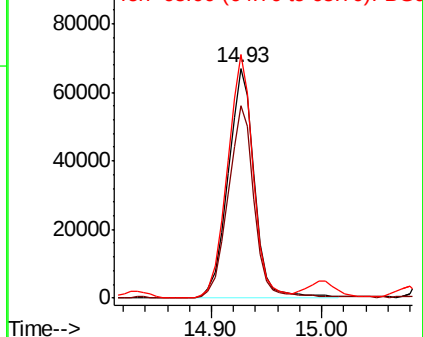


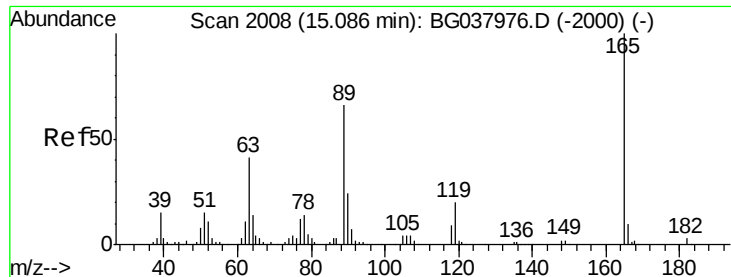
#56
4-Nitrophenol
Concen: 101.874 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:139 Resp: 111398
Ion Ratio Lower Upper
139 100
109 83.8 49.5 89.5
65 105.9 76.8 116.8



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

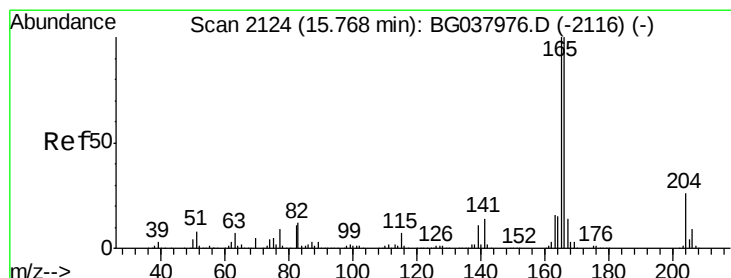
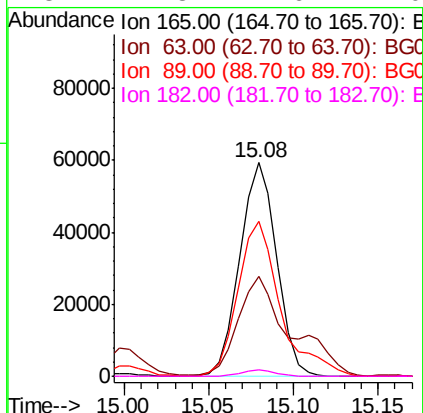
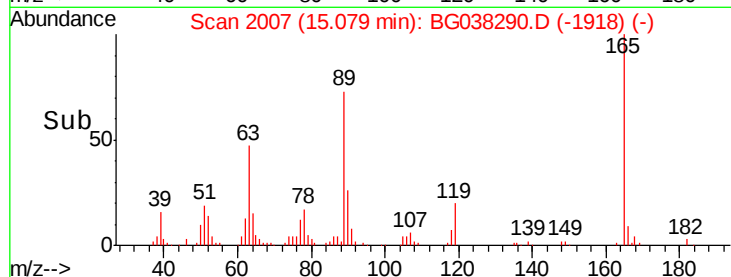
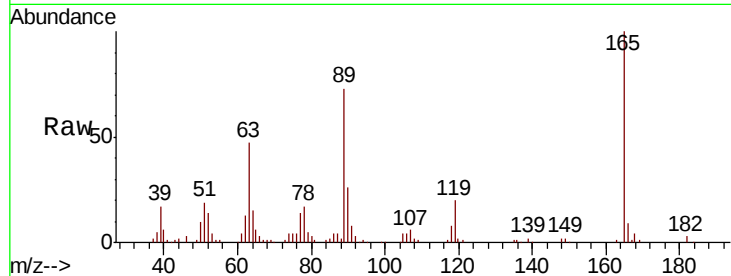




#57
2,4-Dinitrotoluene
Concen: 51.524 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

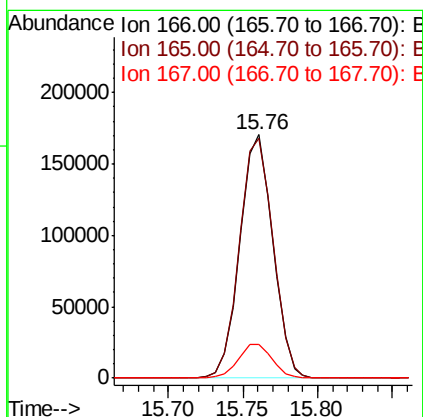
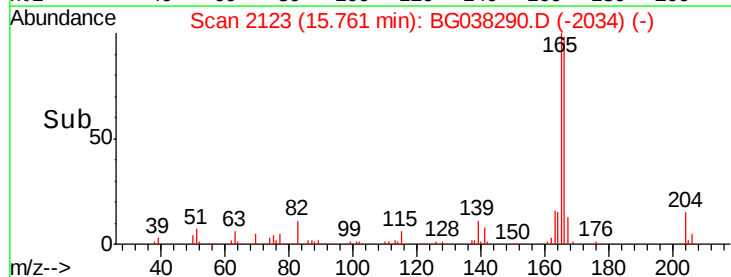
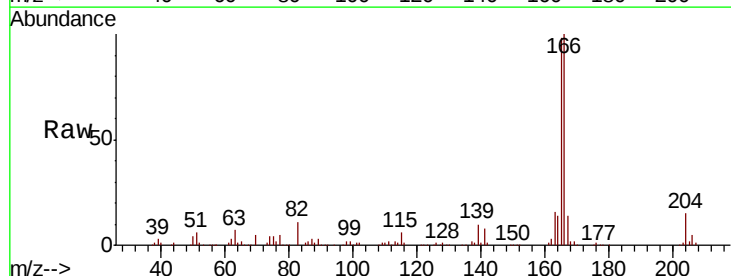
Instrument :
BNA_G
ClientSampleId :
PB115166BS

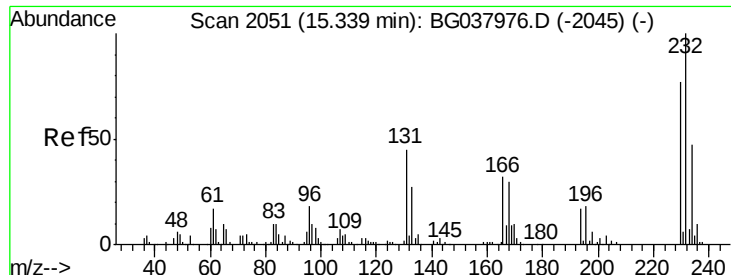
Tot Ion:165 Resp: 90074
Ion Ratio Lower Upper
165 100
63 46.6 33.4 50.0
89 72.5 57.2 85.8
182 2.8 2.6 4.0



#58
Fluorene
Concen: 50.852 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:166 Resp: 260741
Ion Ratio Lower Upper
166 100
165 98.5 79.0 118.6
167 13.7 11.3 16.9

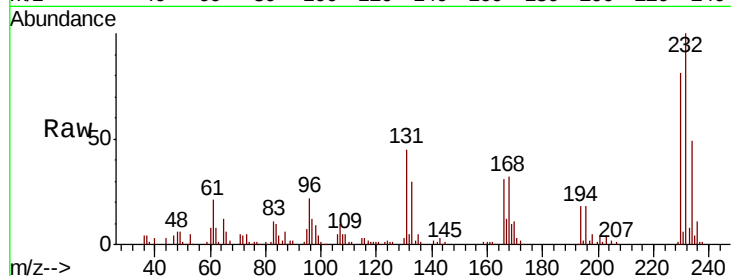




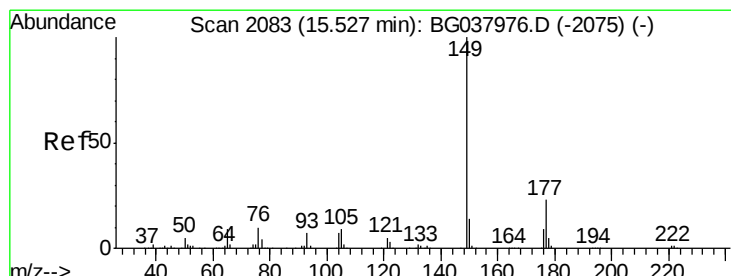
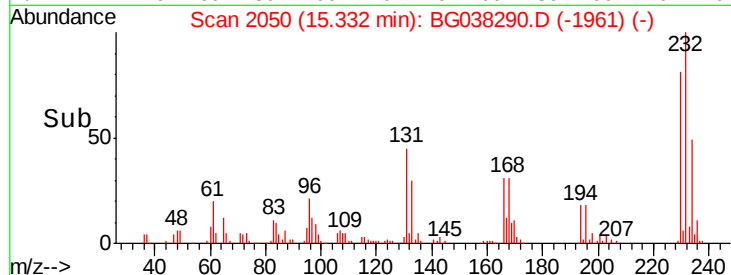
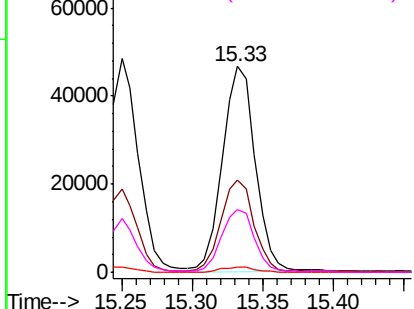
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.226 ng
RT: 15.33 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:232 Resp: 74978
Ion Ratio Lower Upper
232 100
131 45.2 33.7 50.5
130 2.6 2.1 3.1
166 31.0 24.6 36.8

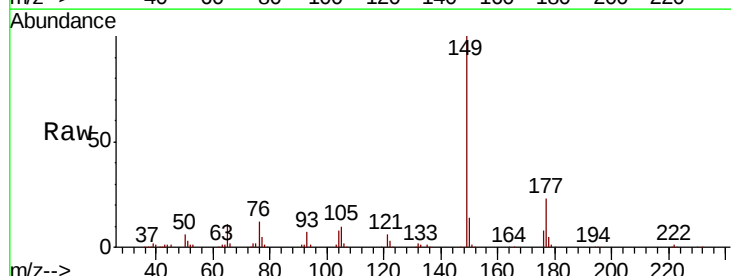


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

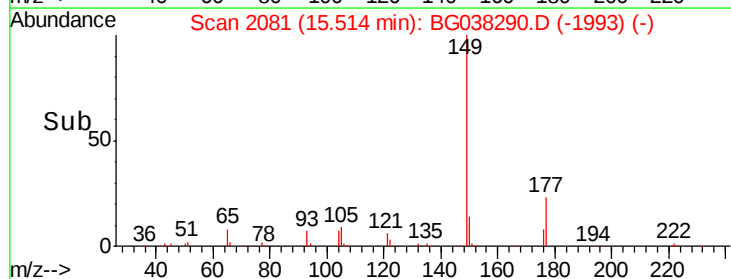
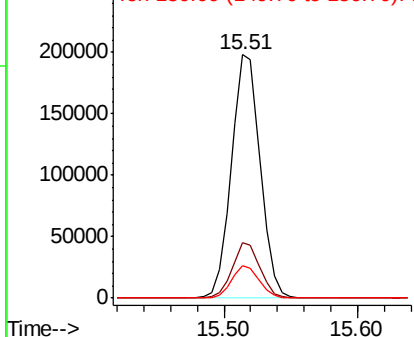


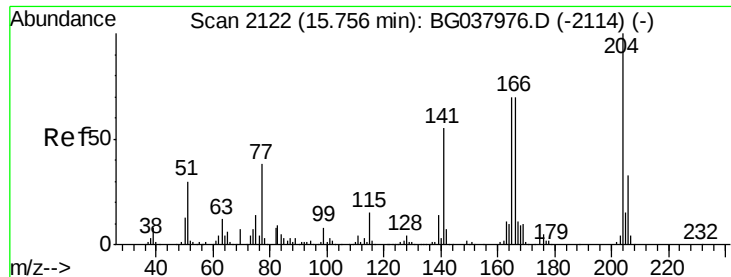
#60
Diethylphthalate
Concen: 49.117 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:149 Resp: 296169
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 13.5 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: 46.587 ng

RT: 15.74 min Scan# 2120

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

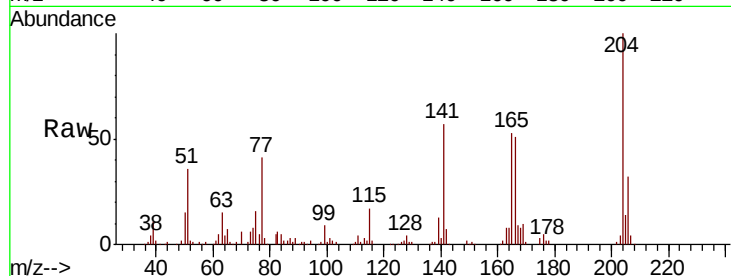
Tot Ion:204 Resp: 139773

Ion Ratio Lower Upper

204 100

206 31.9 26.6 39.8

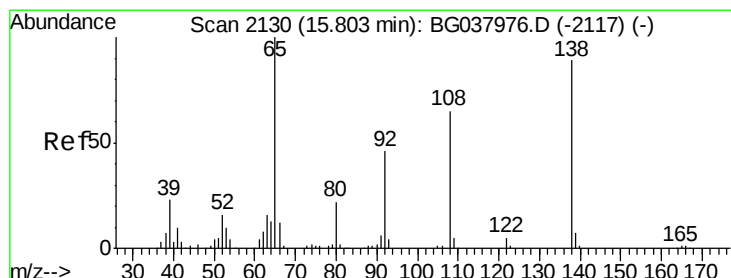
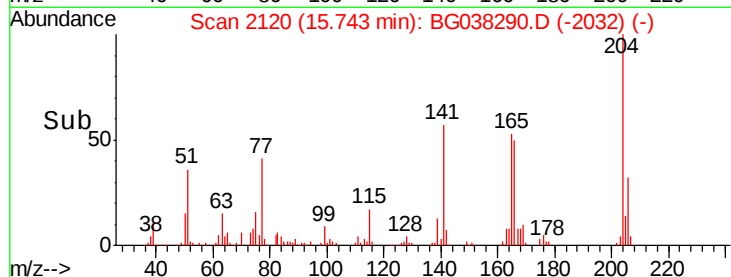
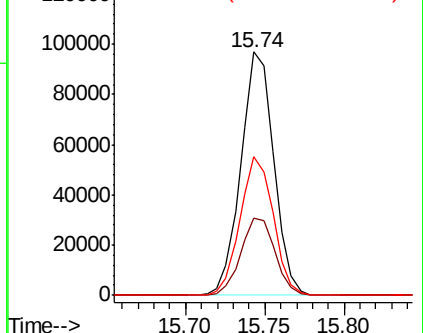
141 57.0 45.4 68.2



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 49.370 ng

RT: 15.80 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

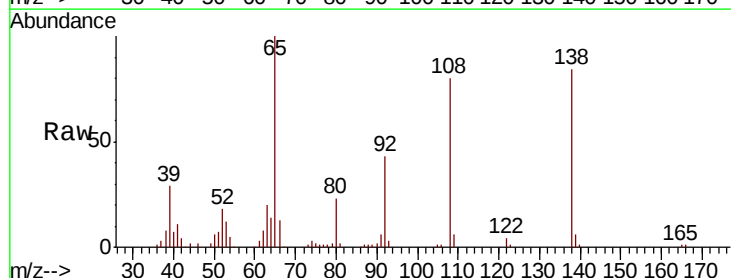
Tgt Ion:138 Resp: 69536

Ion Ratio Lower Upper

138 100

92 50.9 36.4 76.4

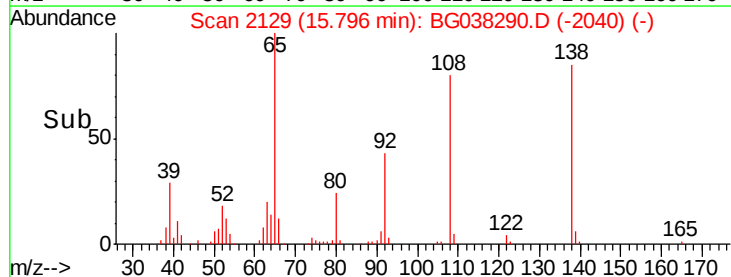
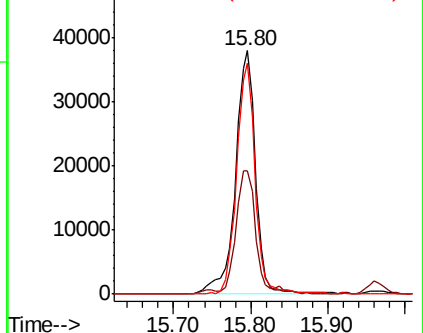
108 94.9 60.1 100.1

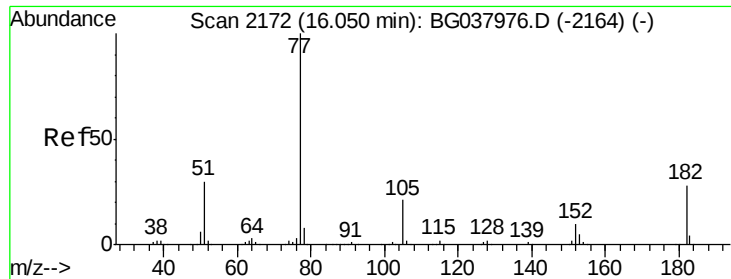


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

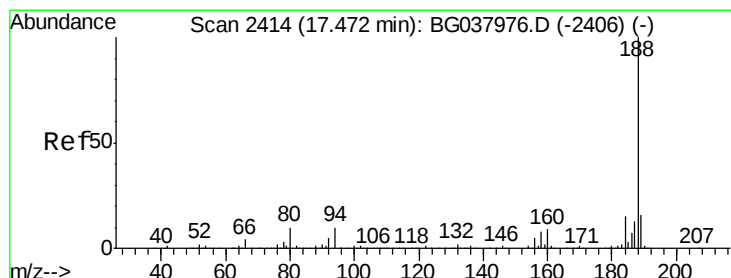
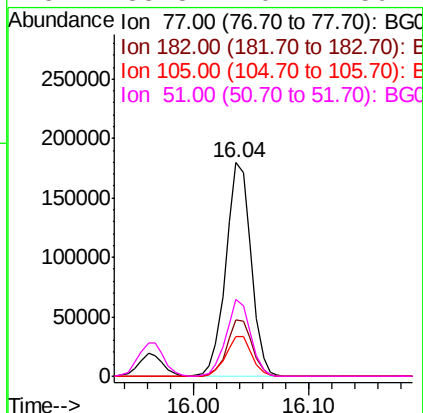
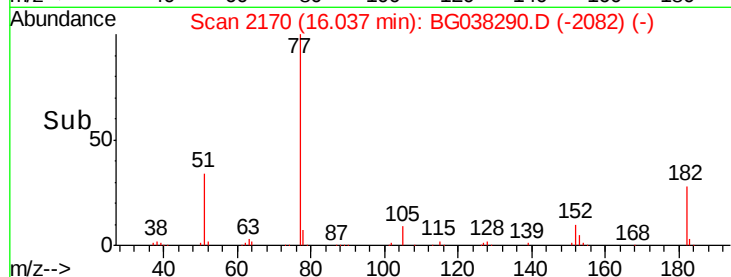
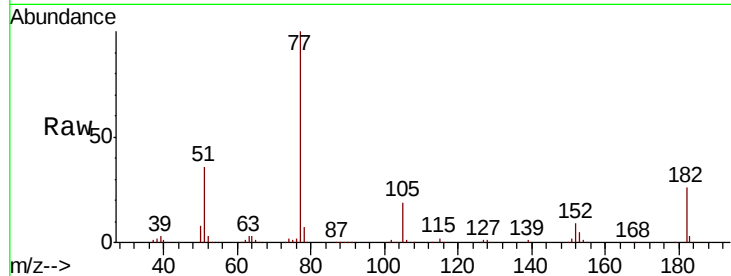




#63
Azobenzene
Concen: 50.331 ng
RT: 16.04 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

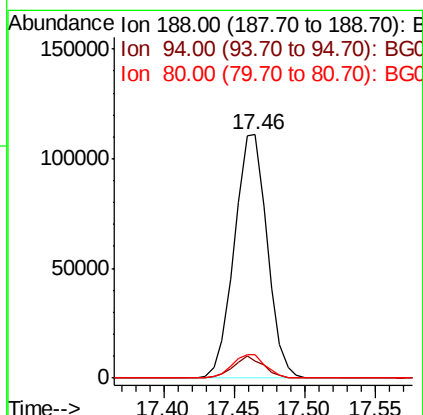
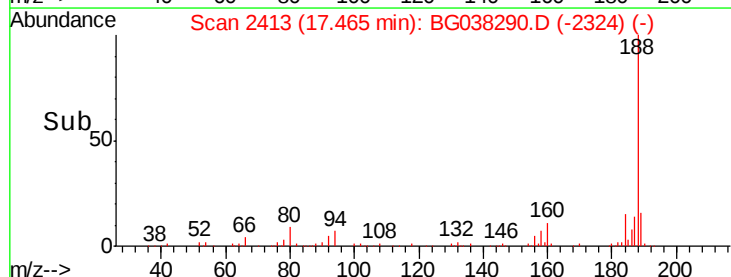
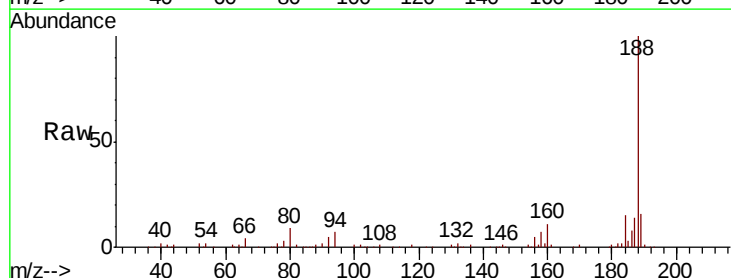
Instrument :
BNA_G
ClientSampleId :
PB115166BS

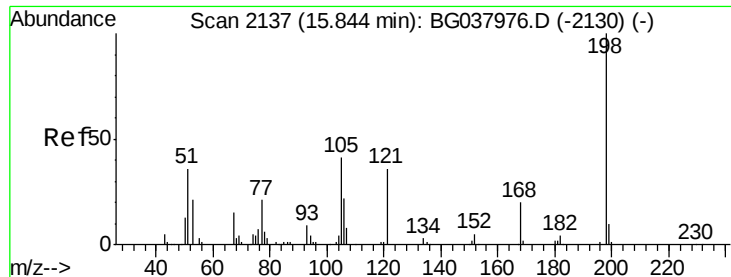
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	8.0	48.0
105	18.9	1.3	41.3
51	35.8	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.1	7.2	10.8#
80	9.4	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 48.187 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

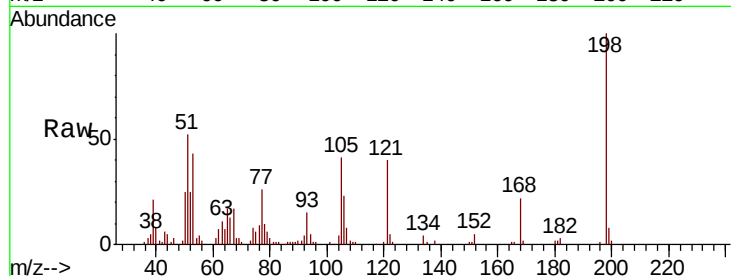
Tot Ion:198 Resp: 54882

Ion Ratio Lower Upper

198 100

51 52.3 22.7 62.7

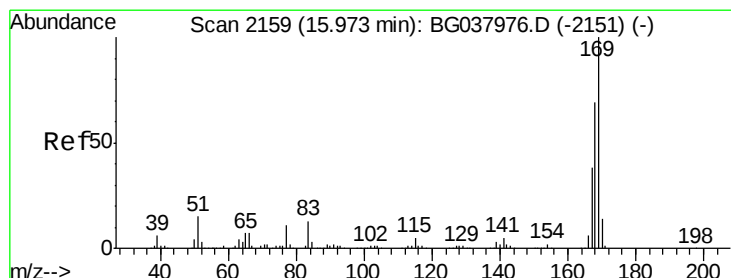
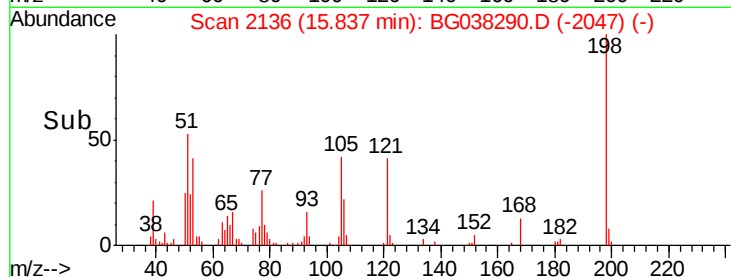
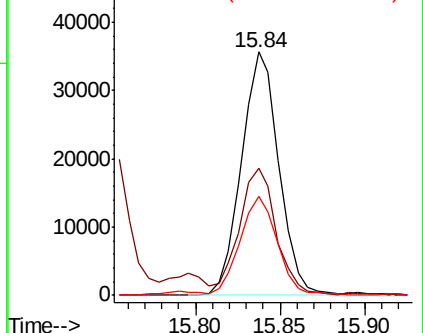
105 40.8 19.7 59.7



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: 44.187 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

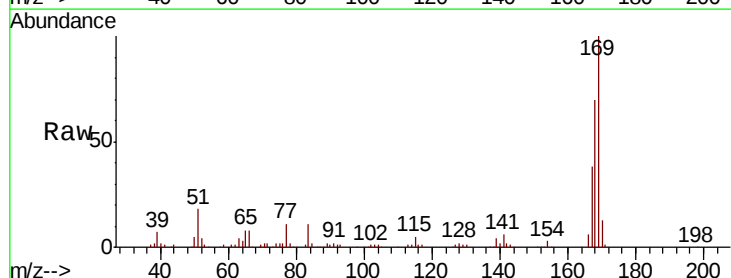
Tgt Ion:169 Resp: 240709

Ion Ratio Lower Upper

169 100

168 69.5 55.7 83.5

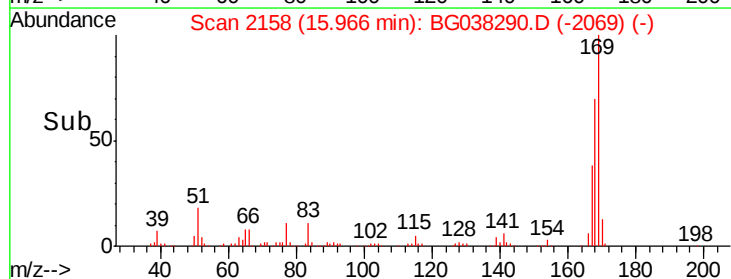
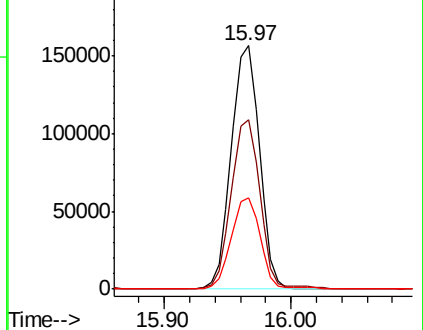
167 37.6 31.3 46.9

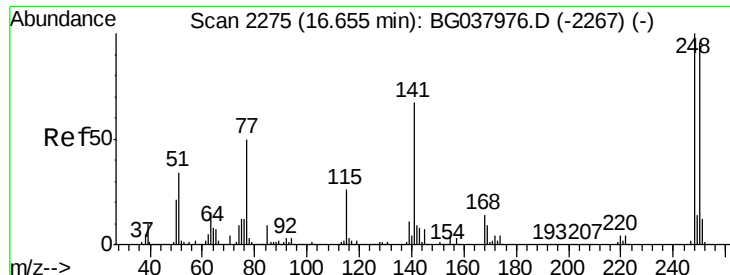


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

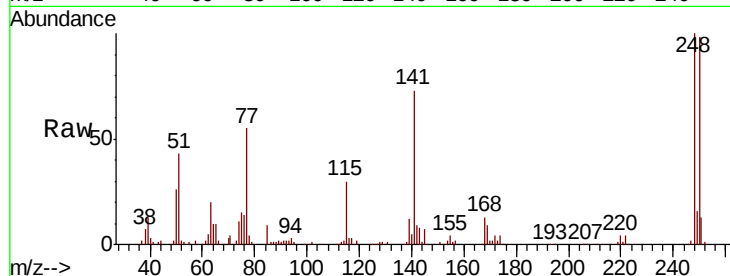




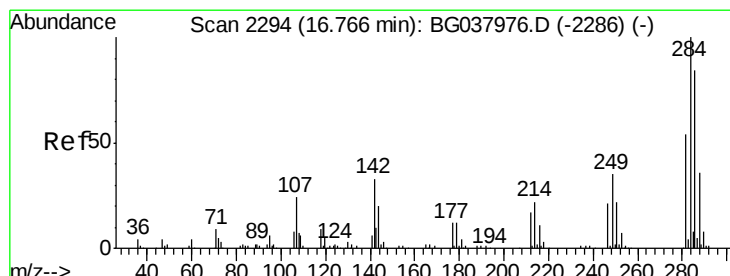
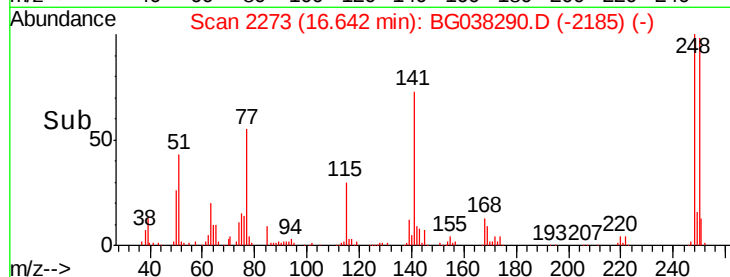
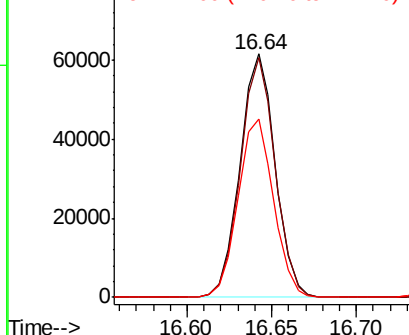
#67
4-Bromophenyl-phenylether
Concen: 44.998 ng
RT: 16.64 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:248 Resp: 88933
Ion Ratio Lower Upper
248 100
250 98.4 77.0 115.6
141 73.4 55.5 83.3

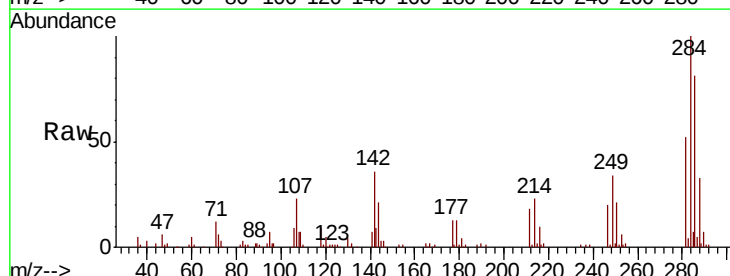


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

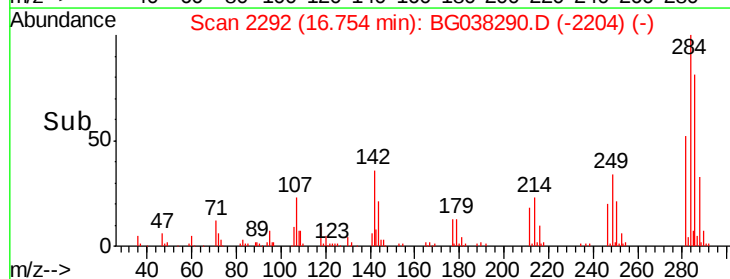
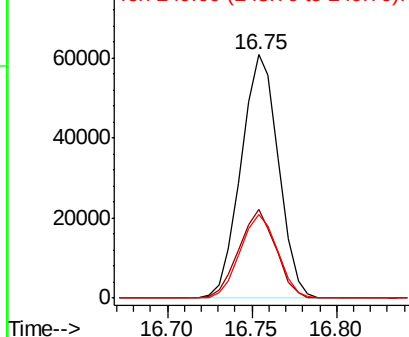


#68
Hexachlorobenzene
Concen: 45.904 ng
RT: 16.75 min Scan# 2292
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:284 Resp: 93646
Ion Ratio Lower Upper
284 100
142 36.2 28.1 42.1
249 36.3 29.8 44.8



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





#69

Atrazine

Concen: 49.535 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

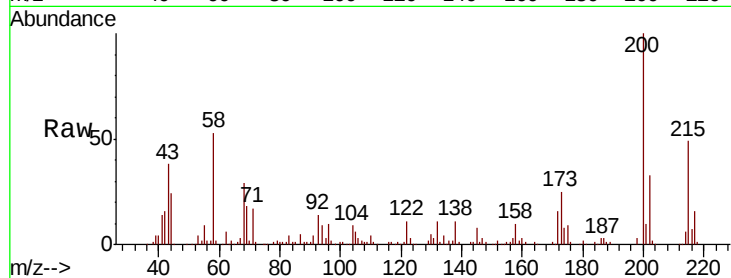
Tot Ion:200 Resp: 99474

Ion Ratio Lower Upper

200 100

173 24.8 6.1 46.1

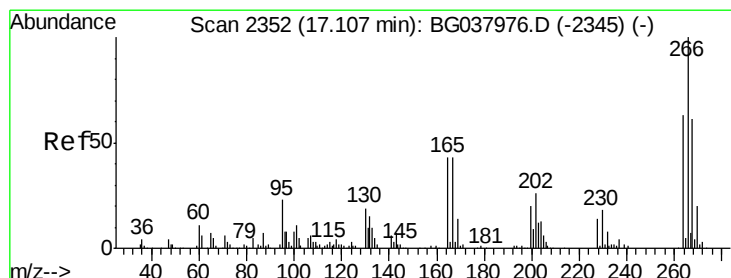
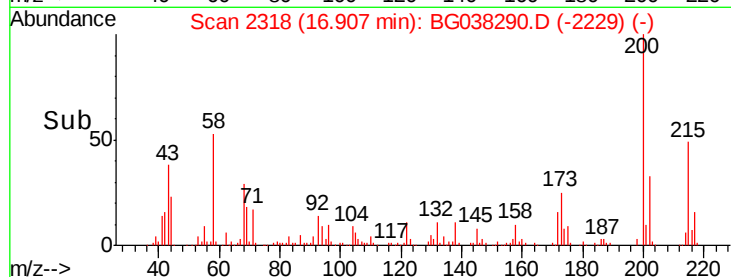
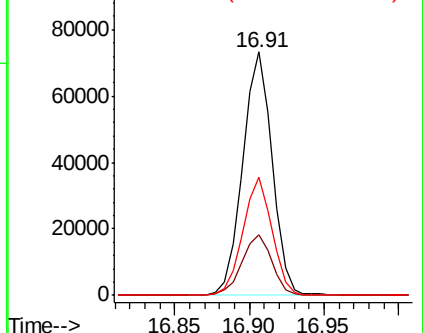
215 48.7 30.8 70.8



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: 82.211 ng

RT: 17.11 min Scan# 2352

Delta R.T. -0.00 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

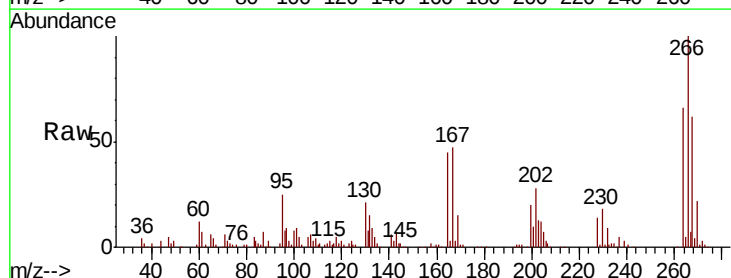
Tgt Ion:266 Resp: 113905

Ion Ratio Lower Upper

266 100

268 66.6 55.0 82.6

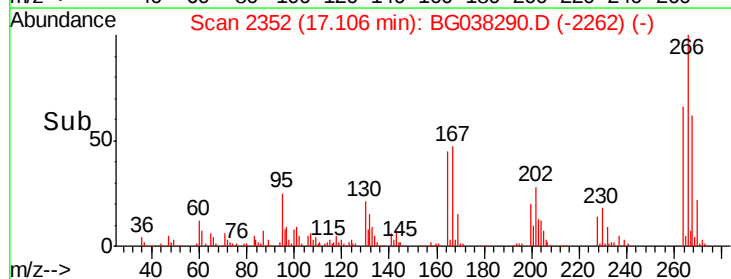
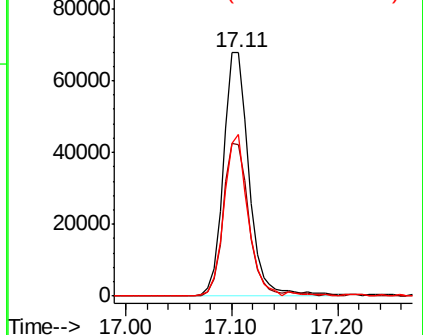
264 71.0 58.9 88.3

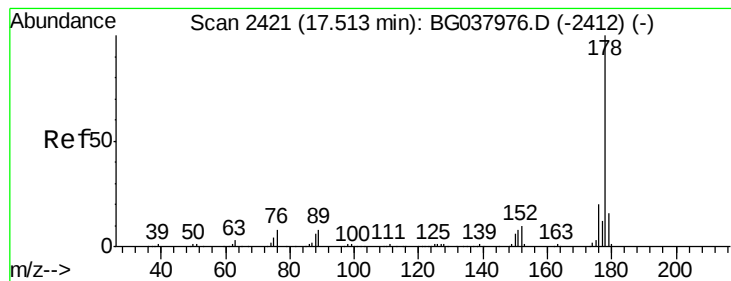


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.206 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

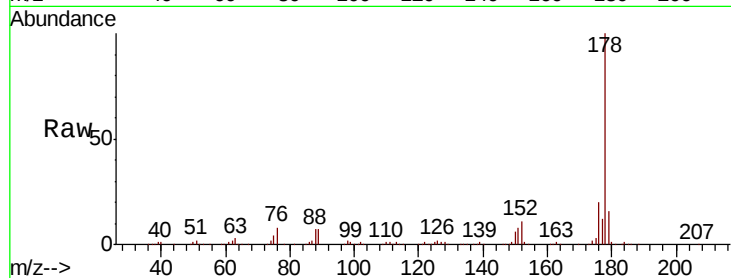
Tot Ion:178 Resp: 453641

Ion Ratio Lower Upper

178 100

176 20.2 16.1 24.1

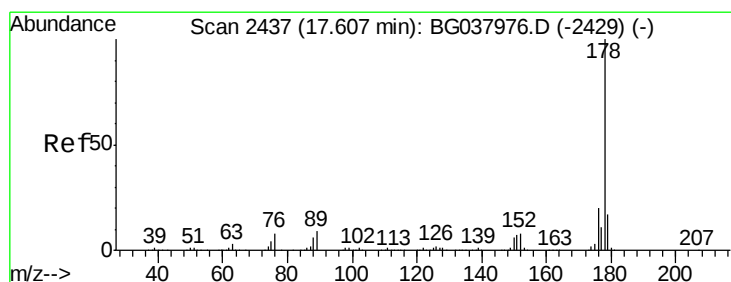
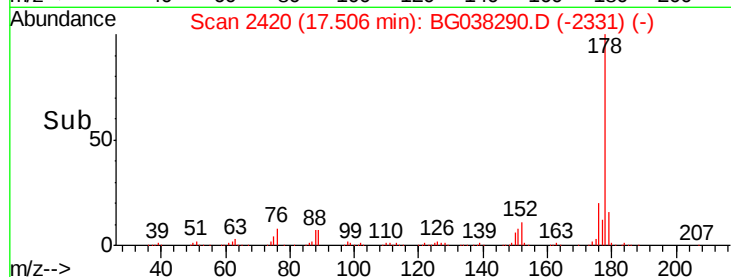
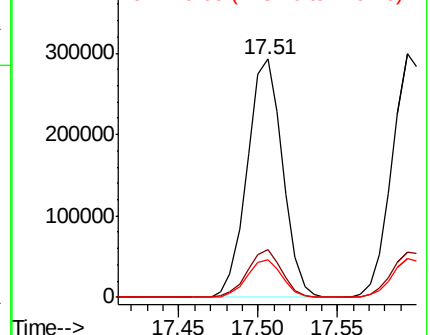
179 16.0 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.777 ng

RT: 17.59 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

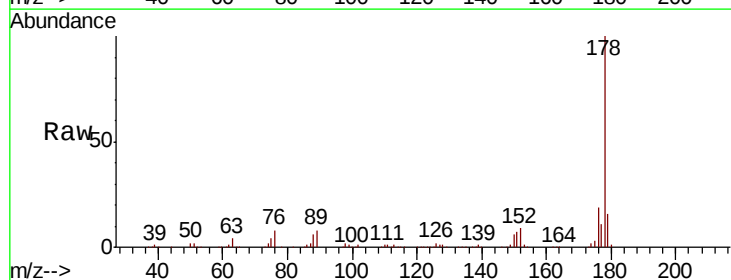
Tgt Ion:178 Resp: 461443

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

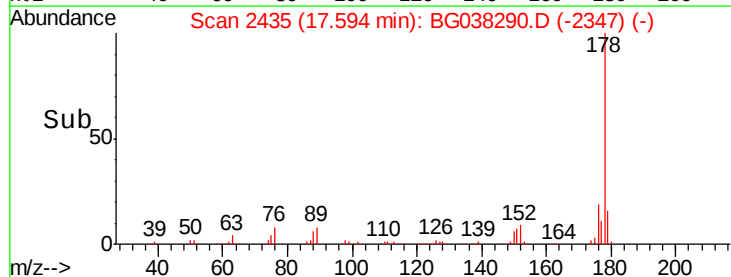
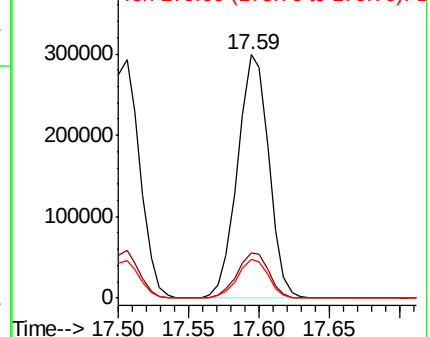
179 15.8 12.8 19.2

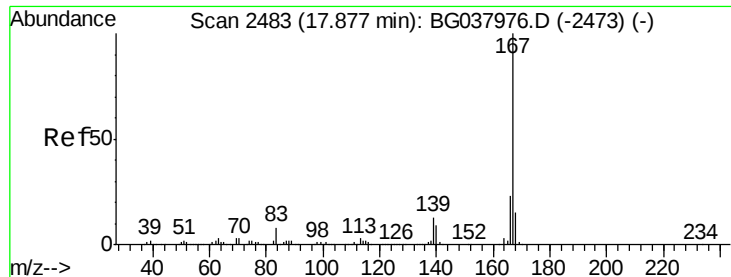


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 47.163 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

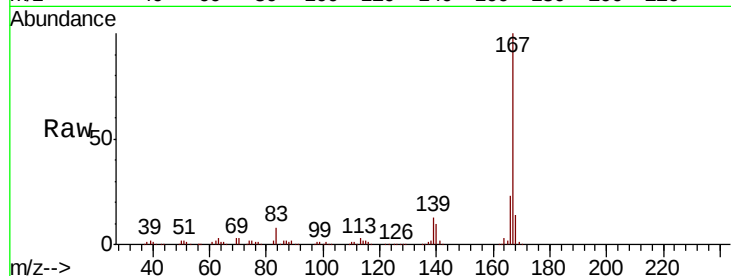
Tot Ion:167 Resp: 430015

Ion Ratio Lower Upper

167 100

166 23.3 18.3 27.5

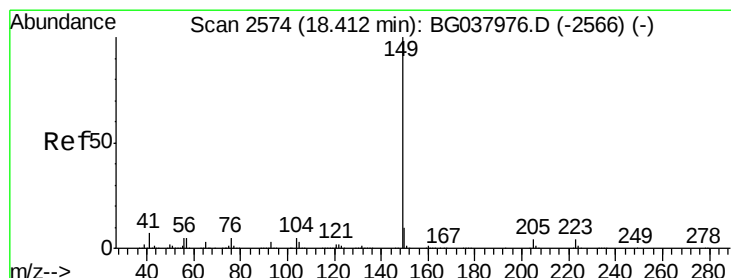
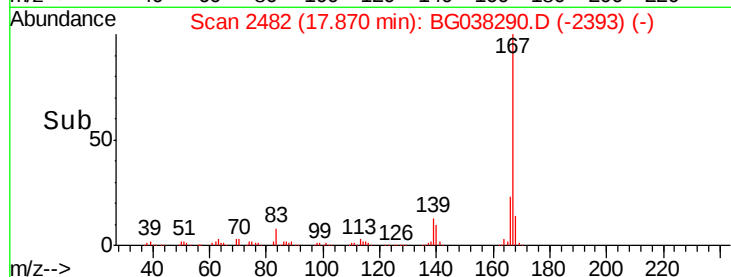
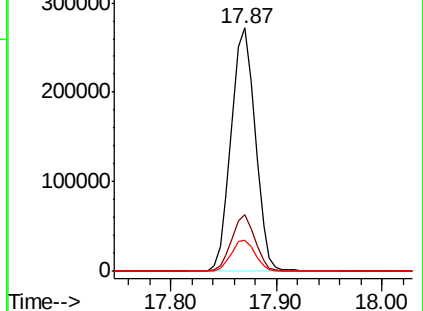
139 12.8 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 52.045 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

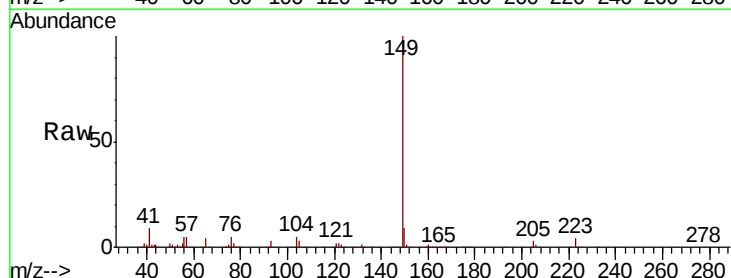
Tgt Ion:149 Resp: 532678

Ion Ratio Lower Upper

149 100

150 9.3 8.2 12.2

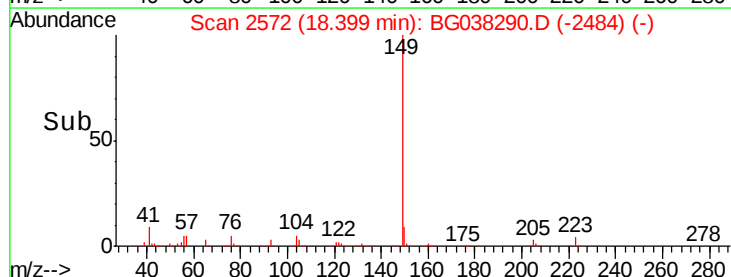
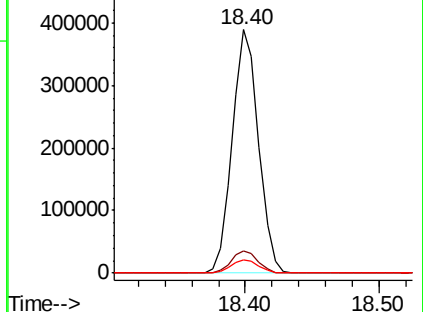
104 5.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.692 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

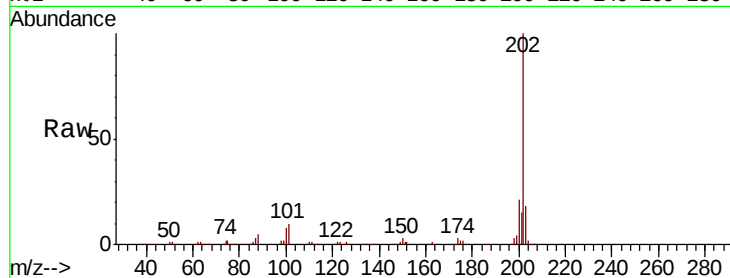
Tot Ion:202 Resp: 564752

Ion Ratio Lower Upper

202 100

101 10.1 0.0 30.7

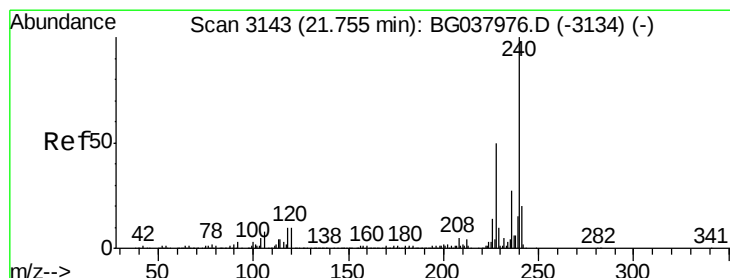
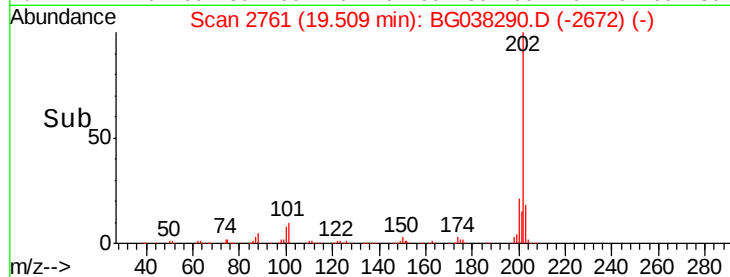
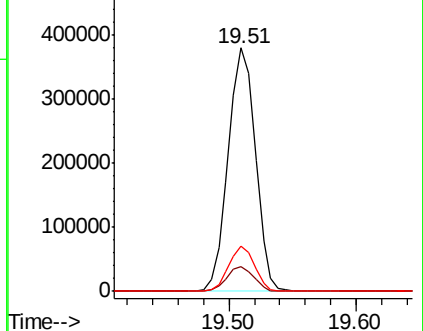
203 18.3 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

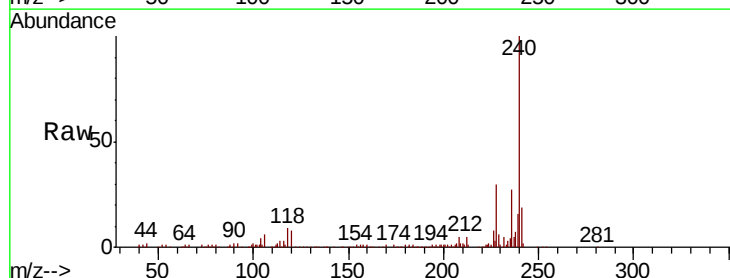
Tgt Ion:240 Resp: 176730

Ion Ratio Lower Upper

240 100

120 8.4 8.1 12.1

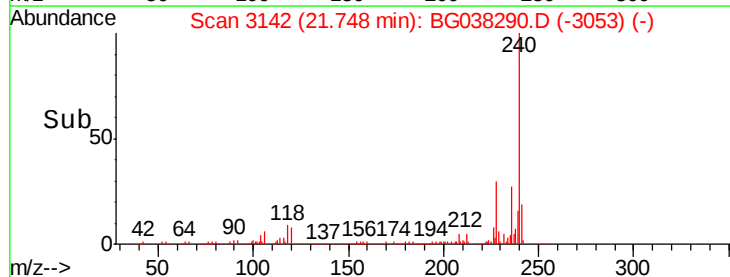
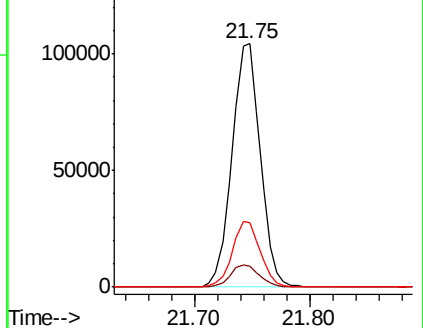
236 26.5 21.4 32.0

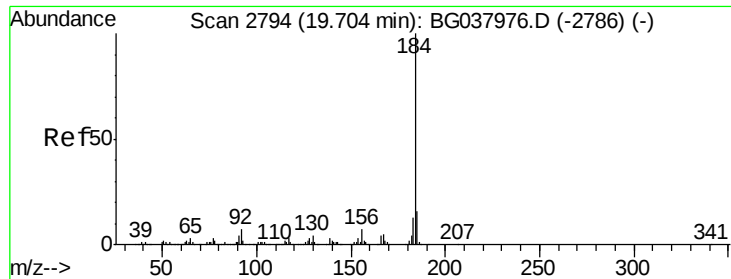


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.191 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

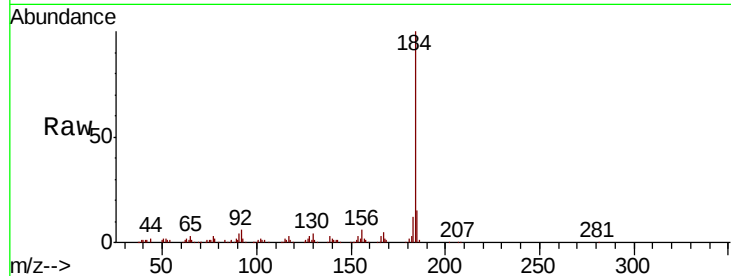
Tot Ion:184 Resp: 156215

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

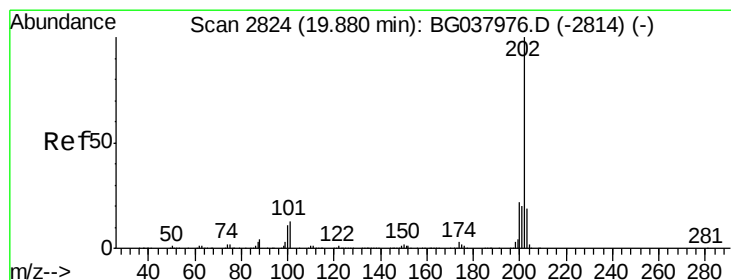
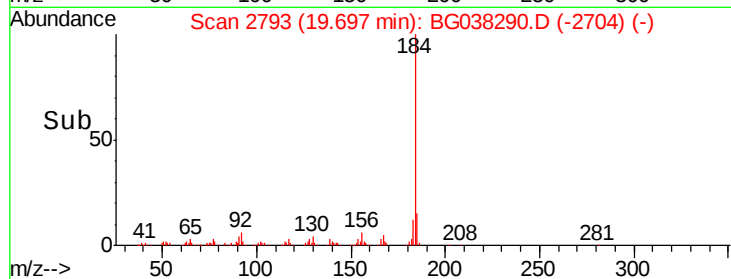
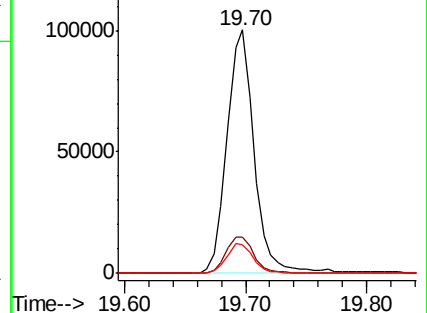
183 11.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.981 ng

RT: 19.87 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

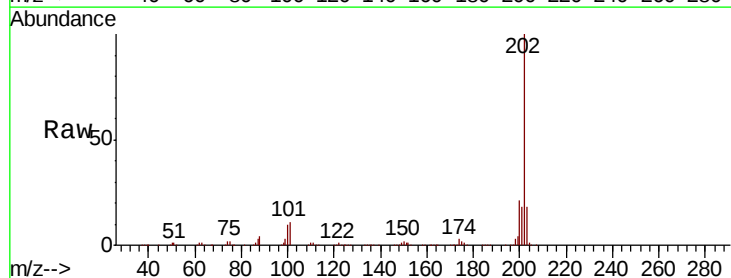
Tgt Ion:202 Resp: 565963

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.6

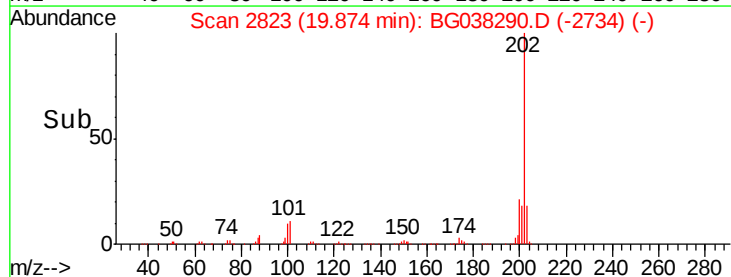
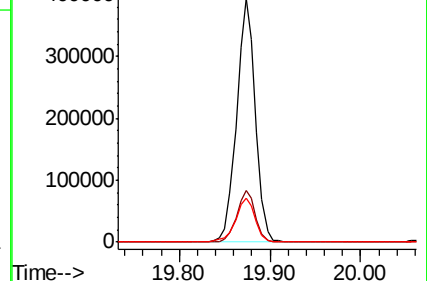
203 18.3 15.2 22.8



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: 88.990 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

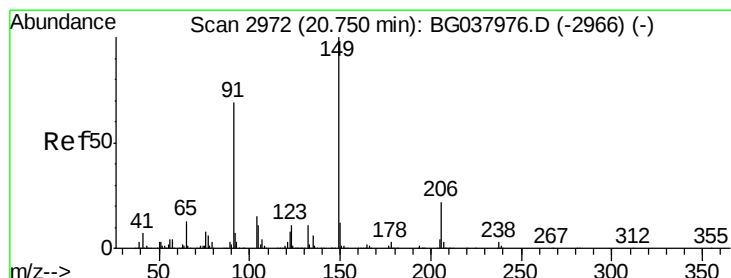
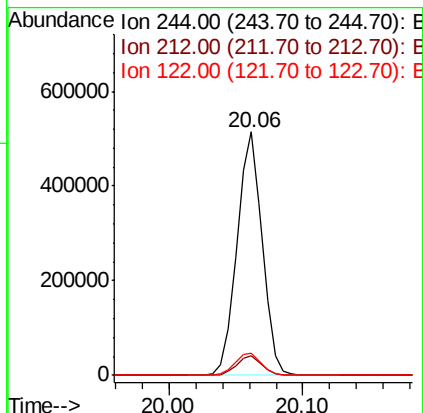
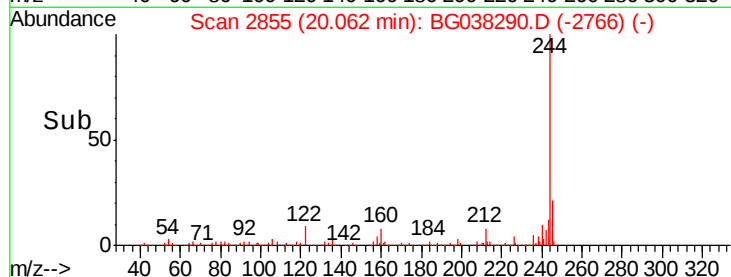
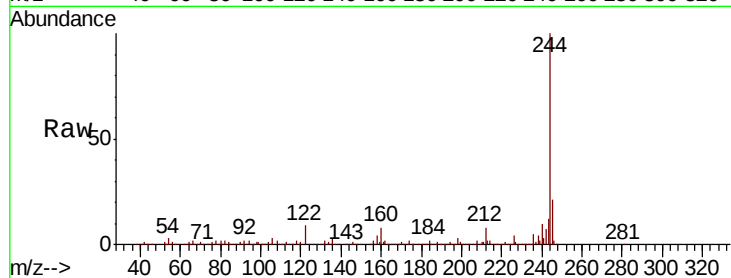
Tot Ion:244 Resp: 668390

Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

122 9.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 47.922 ng

RT: 20.74 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

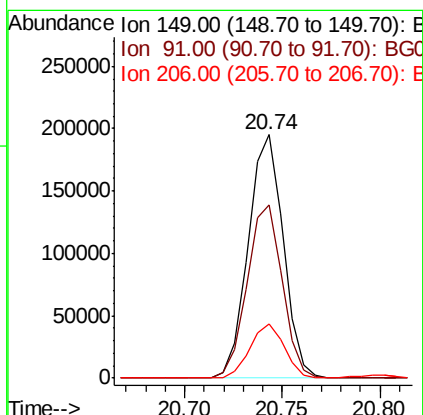
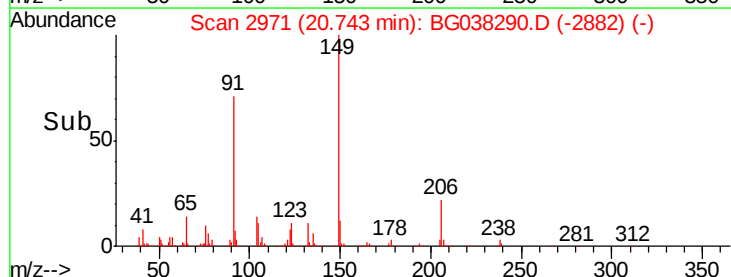
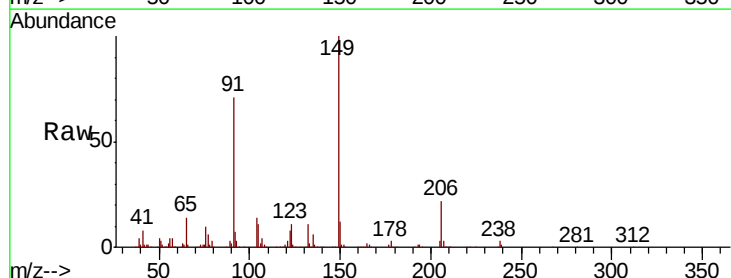
Tgt Ion:149 Resp: 242154

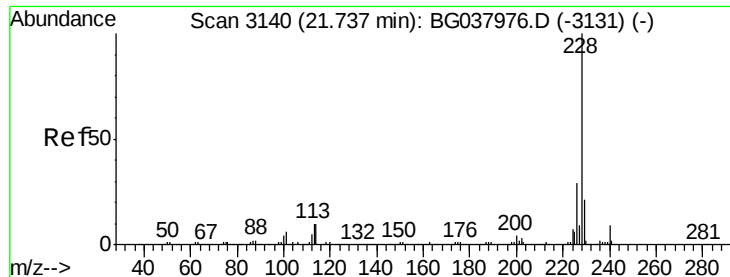
Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.4

206 22.4 17.8 26.6





#81

Benzo(a)anthracene

Concen: 50.067 ng

RT: 21.72 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

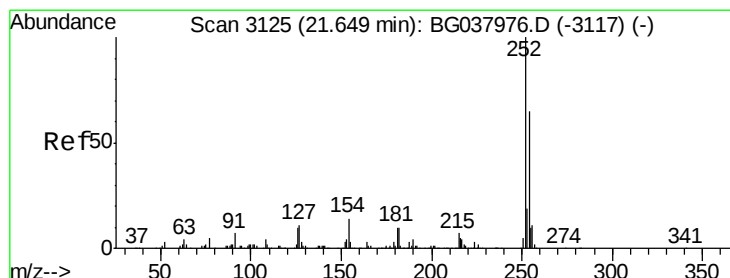
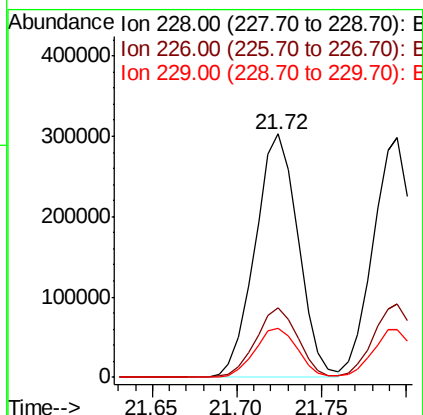
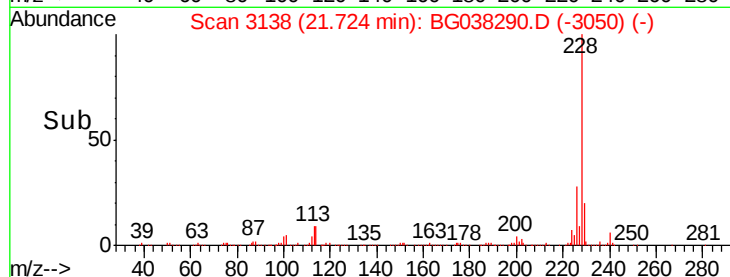
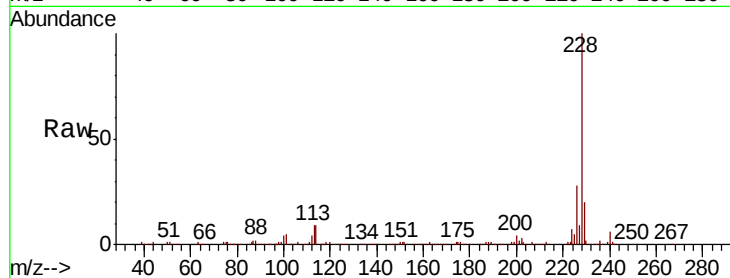
Tot Ion:228 Resp: 534714

Ion Ratio Lower Upper

228 100

226 28.4 22.6 33.8

229 20.1 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 20.070 ng

RT: 21.64 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

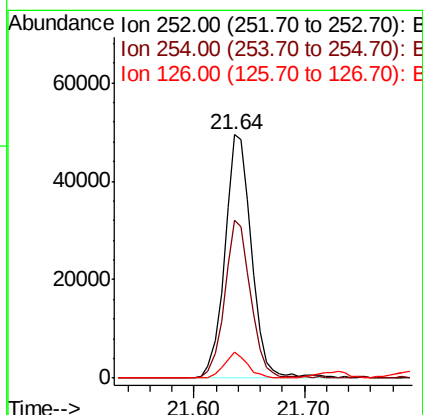
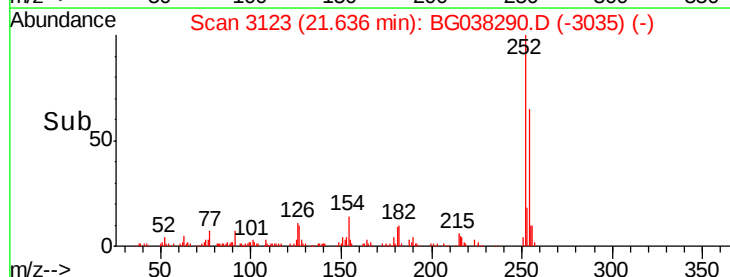
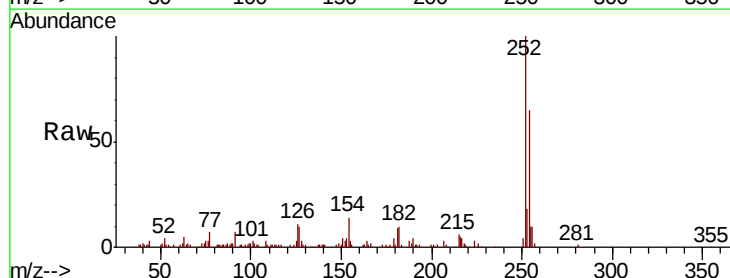
Tgt Ion:252 Resp: 83497

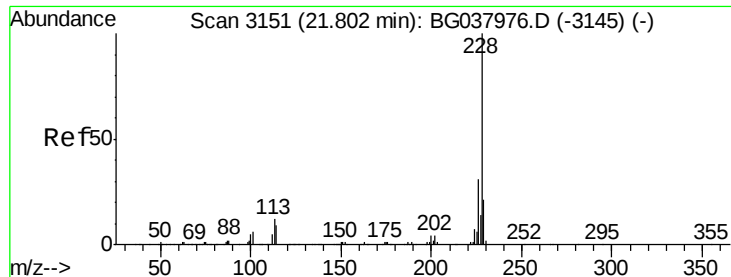
Ion Ratio Lower Upper

252 100

254 64.7 52.0 78.0

126 10.5 8.2 12.4





#83

Chrvsene

Concen: 48.583 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

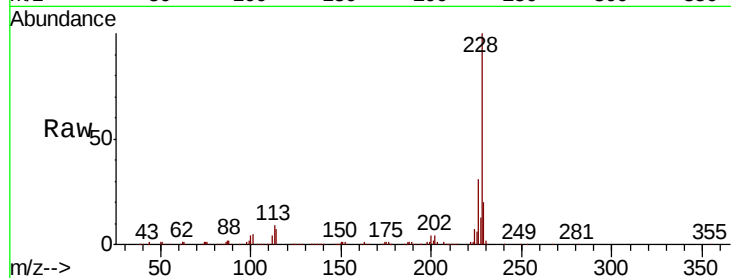
Tot Ion:228 Resp: 496445

Ion Ratio Lower Upper

228 100

226 30.8 25.7 38.5

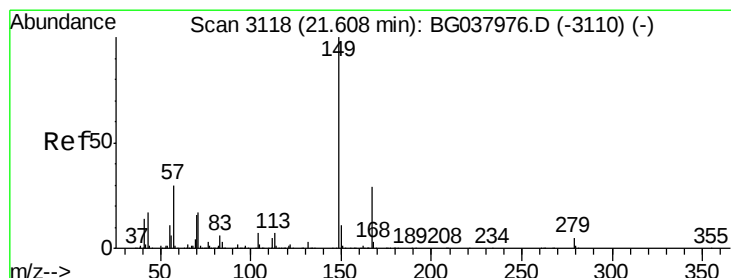
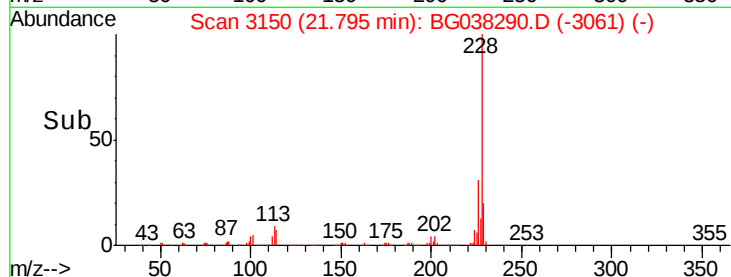
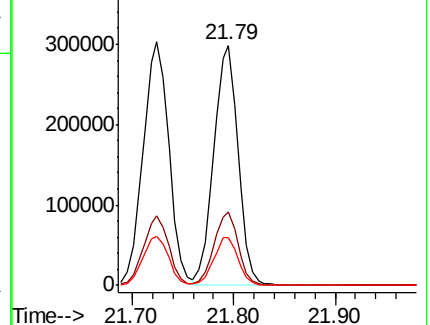
229 19.7 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.911 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

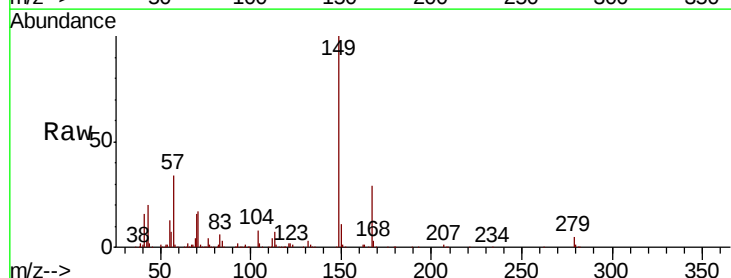
Tgt Ion:149 Resp: 338047

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

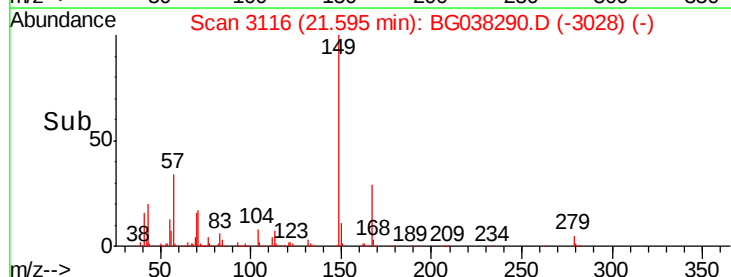
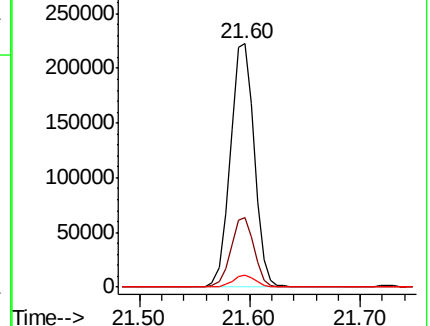
279 4.9 3.6 5.4

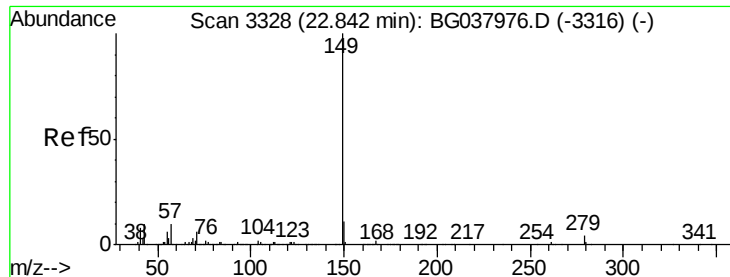


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 49.691 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

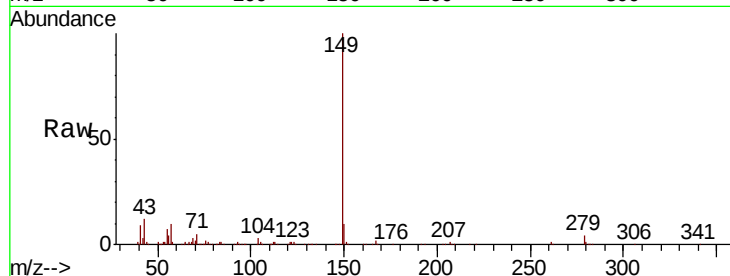
Tot Ion:149 Resp: 579300

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

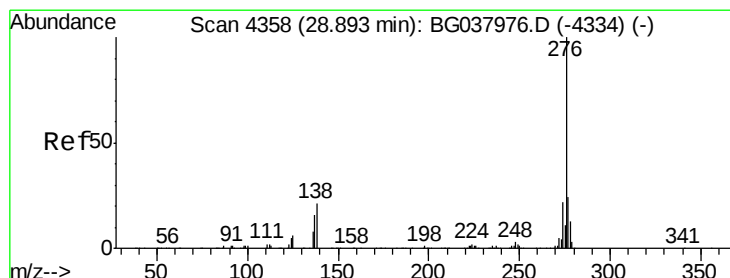
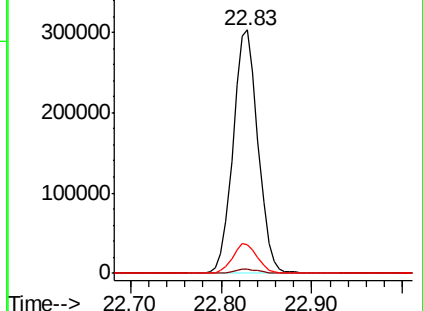
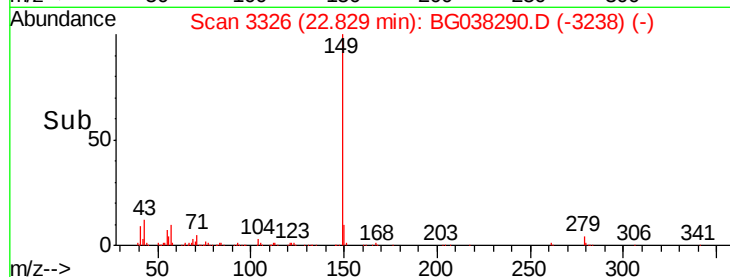
43 11.9 8.7 13.1



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: 52.643 ng

RT: 28.86 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

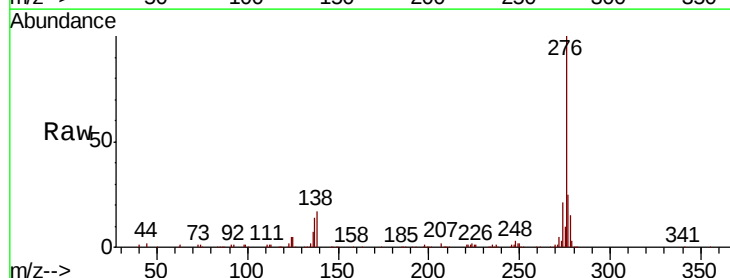
Tgt Ion:276 Resp: 597448

Ion Ratio Lower Upper

276 100

138 22.3 12.0 18.0#

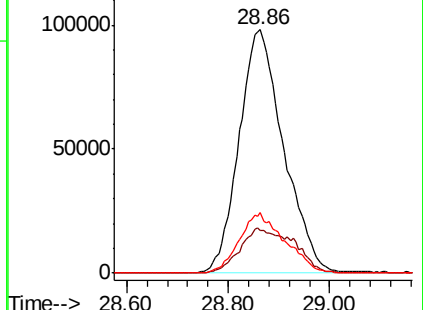
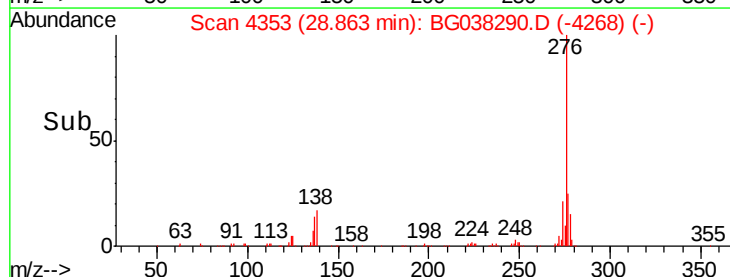
277 25.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



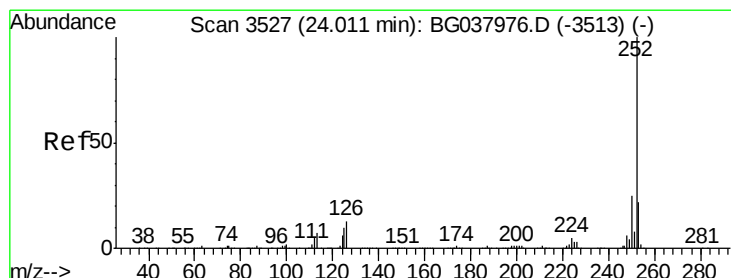
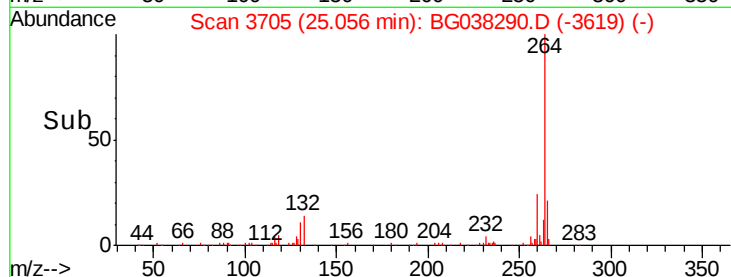
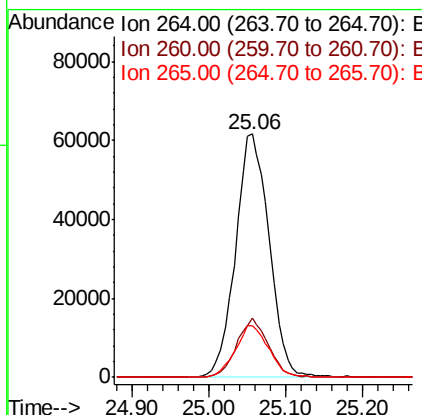
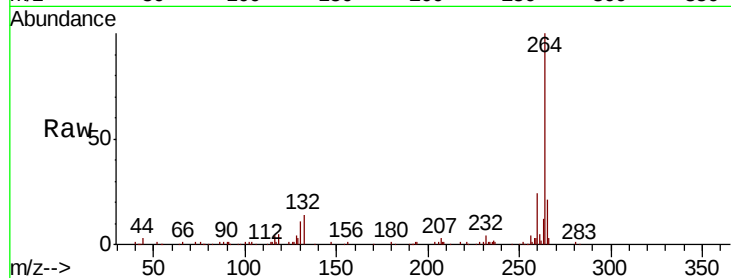


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.06 min Scan# 3705
Delta R.T. -0.02 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tot Ion:264 Resp: 188007

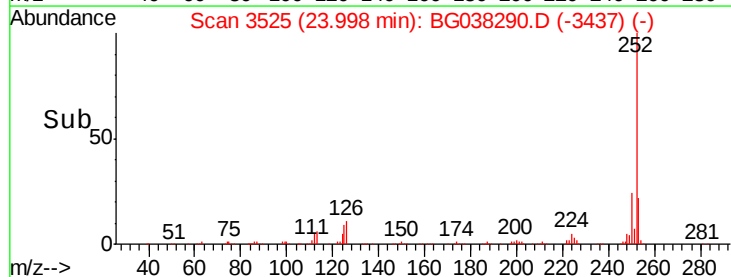
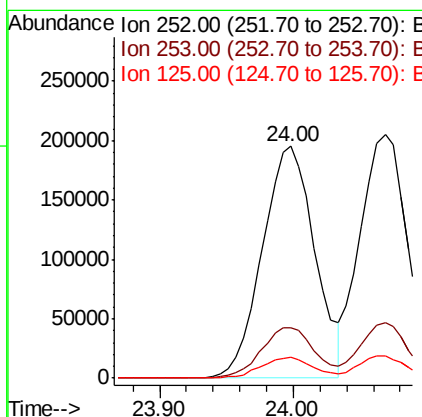
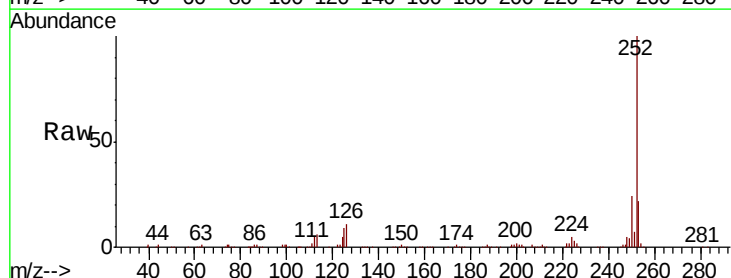
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.3	17.9	26.9

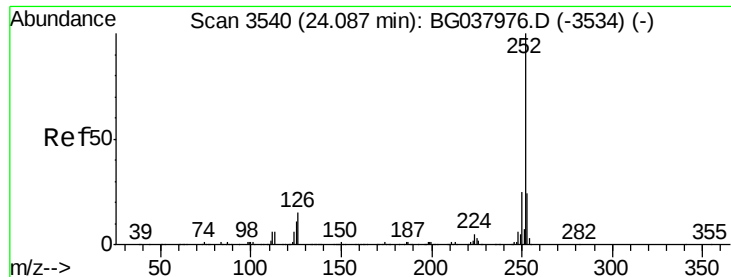


#88
Benzo(b)fluoranthene
Concen: 51.540 ng
RT: 24.00 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:252 Resp: 533237

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	9.1	7.8	11.6

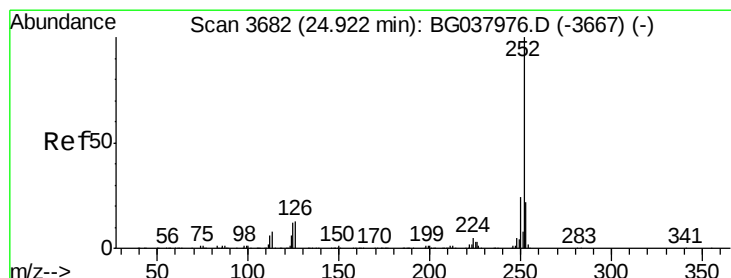
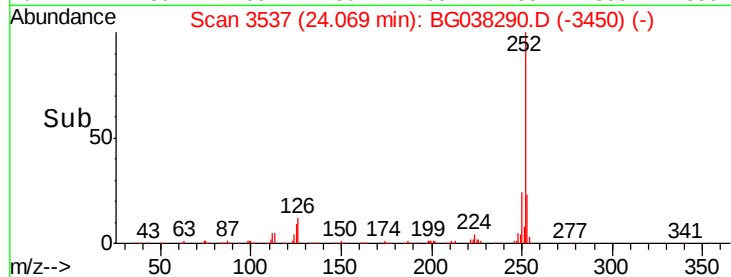
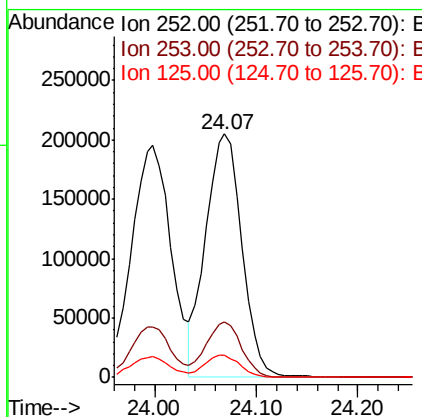
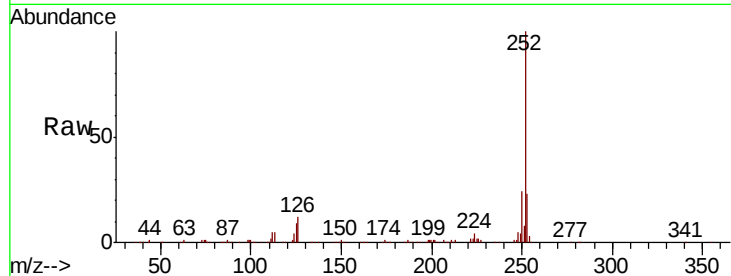




#89
Benzo(k)fluoranthene
Concen: 49.475 ng
RT: 24.07 min Scan# 3537
Delta R.T. -0.02 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

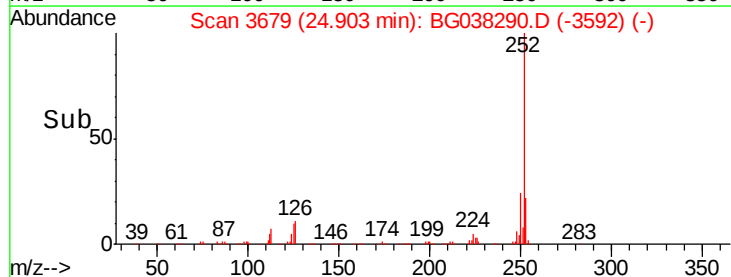
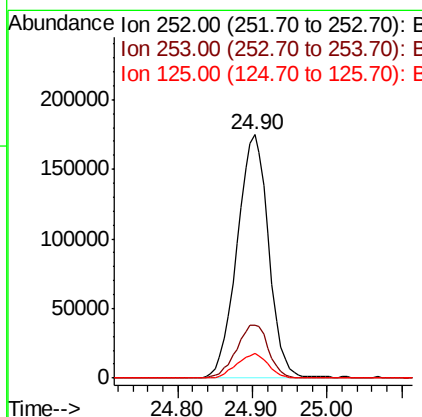
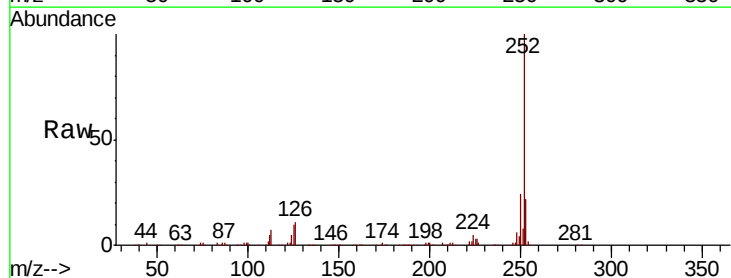
Instrument :
BNA_G
ClientSampleId :
PB115166BS

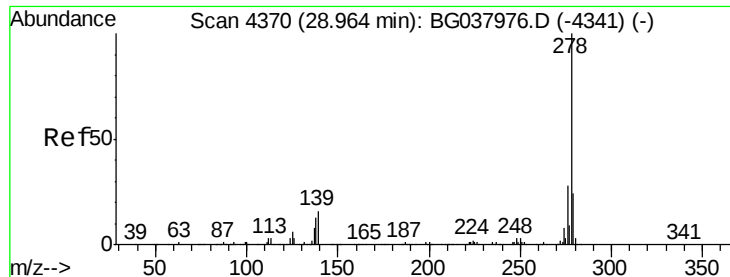
Tot Ion:252 Resp: 505087
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.0 7.4 11.0



#90
Benzo(a)pyrene
Concen: 51.850 ng
RT: 24.90 min Scan# 3679
Delta R.T. -0.02 min
Lab File: BG038290.D
Acq: 1 Dec 2018 16:46

Tgt Ion:252 Resp: 512671
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 10.0 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 51.842 ng

RT: 28.93 min Scan# 4364

Delta R.T. -0.04 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

Instrument :

BNA_G

ClientSampleId :

PB115166BS

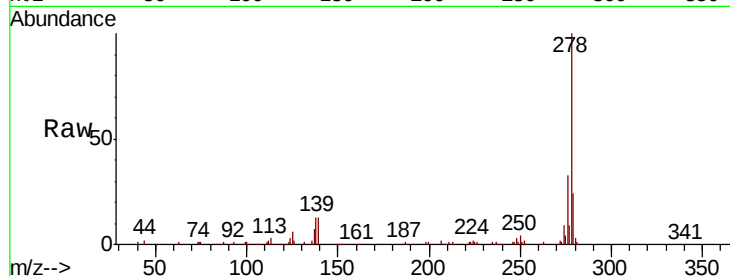
Tot Ion:278 Resp: 493204

Ion Ratio Lower Upper

278 100

139 13.0 11.5 17.3

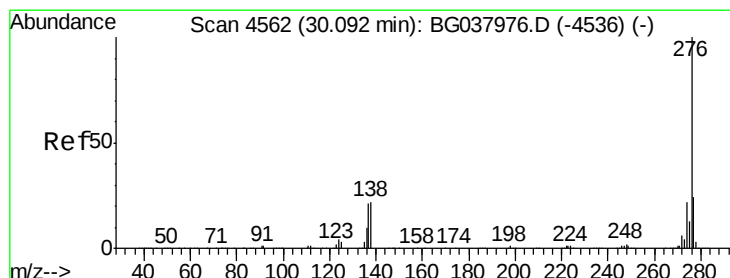
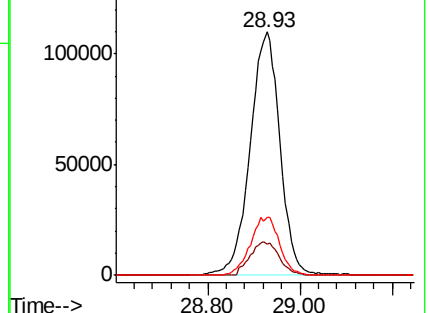
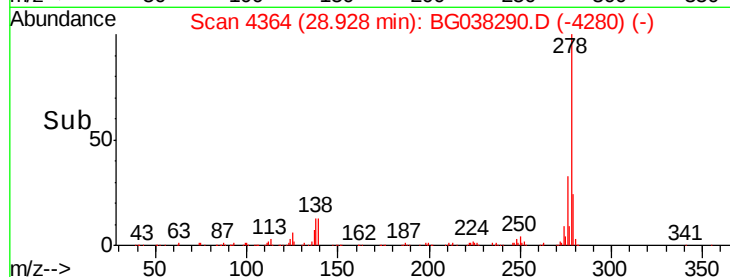
279 23.7 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 52.481 ng

RT: 30.06 min Scan# 4556

Delta R.T. -0.04 min

Lab File: BG038290.D

Acq: 1 Dec 2018 16:46

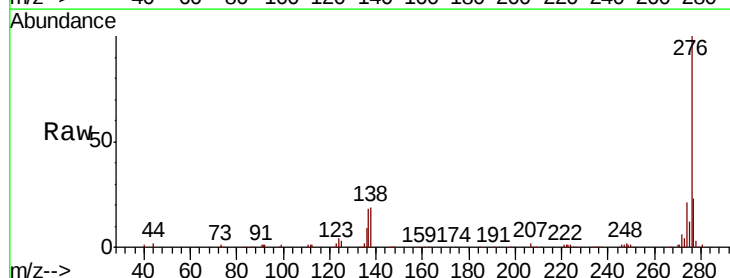
Tgt Ion:276 Resp: 496440

Ion Ratio Lower Upper

276 100

277 23.1 18.9 28.3

138 19.2 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

