

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038355.D
 Acq On : 5 Dec 2018 11:42
 Operator : JU/SJ
 Sample : J5764-22MSDRE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 12:46:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28204	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	126338	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	81079	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	201323	20.00	ng	0.00
76) Chrysene-d12	21.74	240	187681	20.00	ng	0.00
87) Perylene-d12	25.05	264	211620	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	184361	115.68	ng	0.00
7) Phenol-d6	7.22	99	239406	103.93	ng	0.00
23) Nitrobenzene-d5	9.25	82	275641	108.32	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	130915	131.53	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	431947	75.91	ng	0.00
79) Terphenyl-d14	20.06	244	758709	86.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	22938	31.402	ng	# 6
3) Pyridine	3.92	79	92623	42.385	ng	95
4) n-Nitrosodimethylamine	3.83	42	52277	54.613	ng	99
6) Aniline	7.40	93	56531	19.214	ng	96
8) 2-Chlorophenol	7.63	128	84526	45.666	ng	97
9) Benzaldehyde	7.21	77	43034	29.502	ng	96
10) Phenol	7.25	94	96122	39.494	ng	95
11) bis(2-Chloroethyl)ether	7.49	93	81440	40.857	ng	99
12) 1,3-Dichlorobenzene	7.96	146	86979	40.206	ng	97
13) 1,4-Dichlorobenzene	8.11	146	88545	39.558	ng	98
14) 1,2-Dichlorobenzene	8.43	146	85281	41.724	ng	99
15) Benzyl Alcohol	8.31	79	83043	43.850	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.60	45	184155	40.618	ng	97
17) 2-Methylphenol	8.51	107	75817	45.264	ng	97
18) Hexachloroethane	9.15	117	49812	61.659	ng	92
19) n-Nitroso-di-n-propylamine	8.87	70	82363	49.417	ng	98
20) 3+4-Methylphenols	8.84	107	122943	50.141	ng	98
22) Acetophenone	8.90	105	139912	46.288	ng	# 94
24) Nitrobenzene	9.29	77	145595	56.315	ng	96
25) Isophorone	9.81	82	237728	53.160	ng	97
26) 2-Nitrophenol	10.00	139	57971	48.393	ng	95
27) 2,4-Dimethylphenol	10.05	122	97435	56.629	ng	99
28) bis(2-Chloroethoxy)methane	10.29	93	140755	54.904	ng	97
29) 2,4-Dichlorophenol	10.53	162	118651	60.410	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	100453	43.569	ng	99
31) Naphthalene	10.94	128	275809	45.703	ng	98
32) Benzoic acid	10.19	122	52349	43.366	ng	98
33) 4-Chloroaniline	11.06	127	11729	4.390	ng	99
34) Hexachlorobutadiene	11.20	225	58452	40.524	ng	95
35) Caprolactam	11.83	113	16509	20.326	ng	93
36) 4-Chloro-3-methylphenol	12.16	107	107565	49.291	ng	98
37) 2-Methylnaphthalene	12.54	142	209397	48.723	ng	95
38) 1-Methylnaphthalene	12.76	142	200338	48.670	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	115108	41.259	ng	98

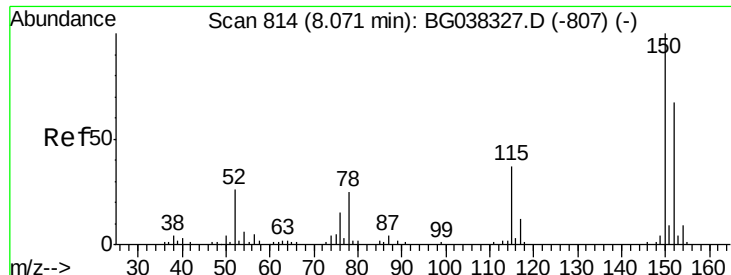
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038355.D
 Acq On : 5 Dec 2018 11:42
 Operator : JU/SJ
 Sample : J5764-22MSDRE
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	145320	94.784	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	86671	47.957	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	94416	49.314	ng	94
46) 1,1'-Biphenyl	13.54	154	280130	40.874	ng	99
47) 2-Chloronaphthalene	13.59	162	221335	42.798	ng	99
48) 2-Nitroaniline	13.80	65	81756	47.120	ng	98
49) Acenaphthylene	14.44	152	375068	48.154	ng	99
50) Dimethylphthalate	14.16	163	314616	48.378	ng	99
51) 2,6-Dinitrotoluene	14.29	165	70357	47.361	ng	95
52) Acenaphthene	14.77	154	217378	45.780	ng	97
53) 3-Nitroaniline	14.62	138	23306	14.567	ng	# 97
54) 2,4-Dinitrophenol	14.83	184	91771	112.695	ng	# 85
55) Dibenzofuran	15.11	168	355611	45.301	ng	98
56) 4-Nitrophenol	14.92	139	106106	83.956	ng	86
57) 2,4-Dinitrotoluene	15.08	165	102006	49.786	ng	95
58) Fluorene	15.75	166	291983	50.487	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	85866	51.638	ng	97
60) Diethylphthalate	15.51	149	330790	45.912	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	157215	45.257	ng	99
62) 4-Nitroaniline	15.79	138	71611	45.508	ng	88
63) Azobenzene	16.03	77	293773	46.590	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	60869	46.145	ng	94
66) n-Nitrosodiphenylamine	15.96	169	268615	47.448	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	101652	46.756	ng	98
68) Hexachlorobenzene	16.75	284	105967	47.255	ng	100
69) Atrazine	16.90	200	106790	50.552	ng	97
70) Pentachlorophenol	17.10	266	127444	82.974	ng	98
71) Phenanthrene	17.50	178	502239	49.815	ng	99
72) Anthracene	17.59	178	513639	52.608	ng	100
73) Carbazole	17.86	167	460748	47.547	ng	99
74) Di-n-butylphthalate	18.40	149	549064	48.501	ng	98
75) Fluoranthene	19.51	202	601950	51.102	ng	97
77) Benzidine	19.69	184	37755	5.961	ng	97
78) Pyrene	19.87	202	602738	45.900	ng	98
80) Butylbenzylphthalate	20.73	149	247083	46.782	ng	98
81) Benzo(a)anthracene	21.72	228	561234	48.655	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	84059	18.733	ng	99
83) Chrysene	21.79	228	522526	47.869	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	349662	46.708	ng	98
85) Di-n-octyl phthalate	22.82	149	588967	45.884	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	635756	51.248	ng	99
88) Benzo(b)fluoranthene	23.99	252	751386	62.839	ng	98
89) Benzo(k)fluoranthene	24.06	252	695812	58.428	ng	98
90) Benzo(a)pyrene	24.89	252	660141	56.917	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	524956	47.722	ng	97
92) Benzo(g,h,i)perylene	30.05	276	527502	48.333	ng	# 95

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

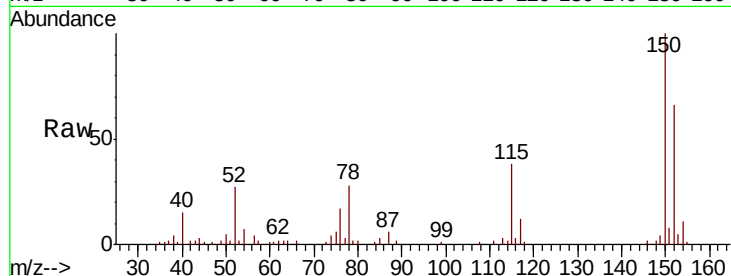


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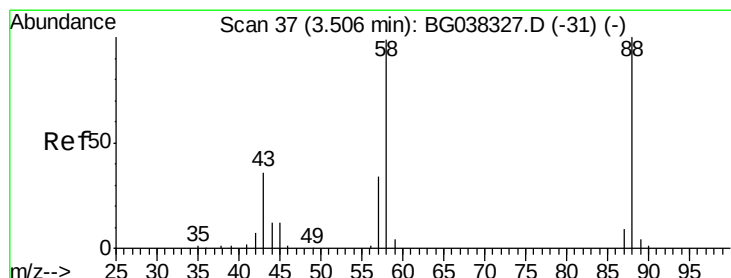
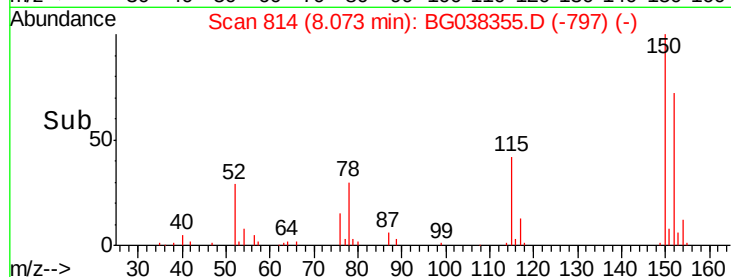
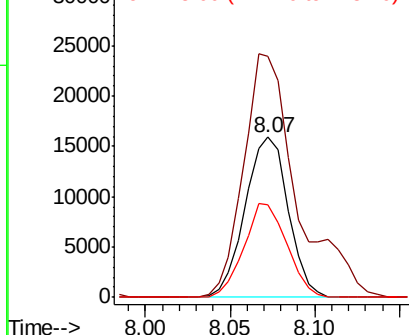
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 28204
Ion Ratio Lower Upper
152 100
150 151.1 126.0 189.0
115 57.9 45.5 68.3



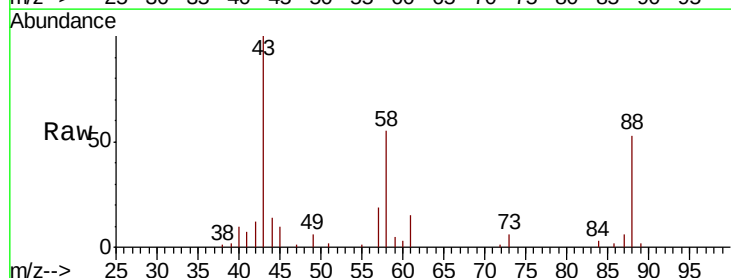
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



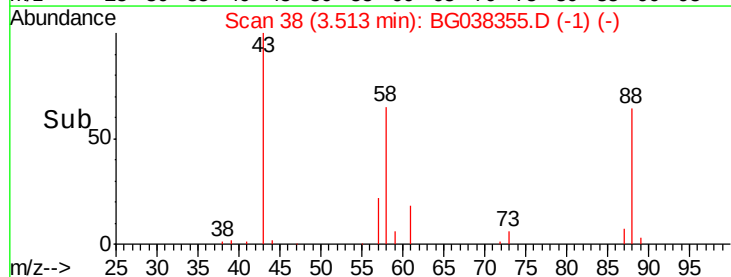
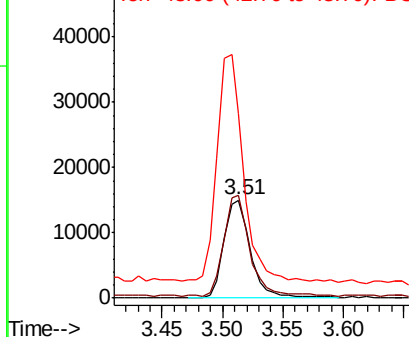
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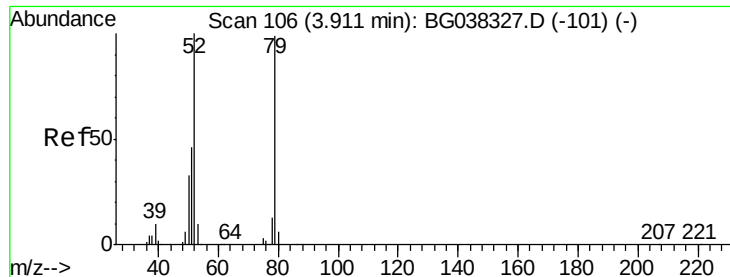
1,4-Dioxane
Concen: 31.402 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion: 88 Resp: 22938
Ion Ratio Lower Upper
88 100
58 97.0 74.4 111.6
43 229.6 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: 42.385 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

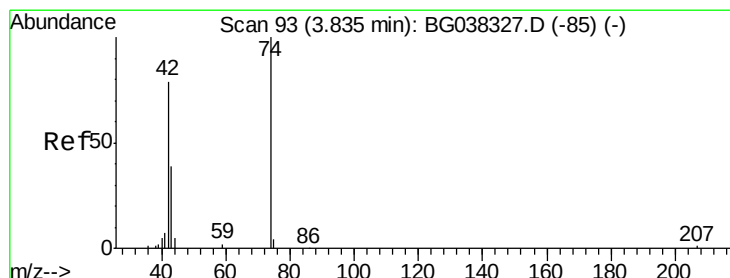
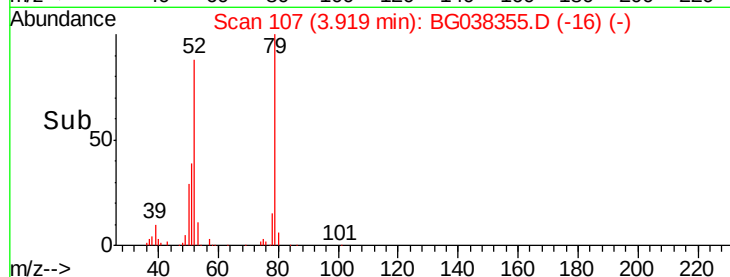
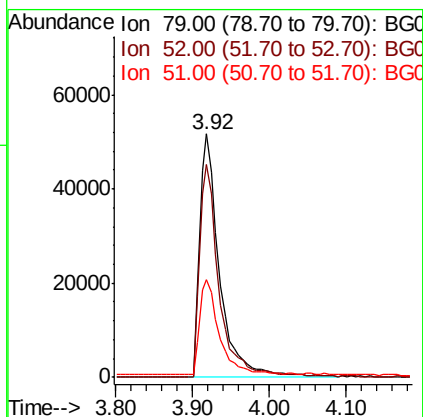
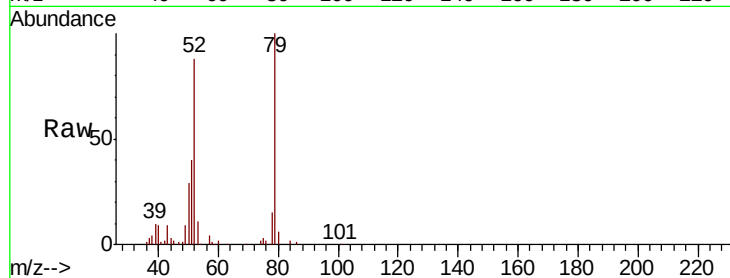
Tot Ion: 79 Resp: 92623

Ion Ratio Lower Upper

79 100

52 87.5 74.2 111.2

51 40.1 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 54.613 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

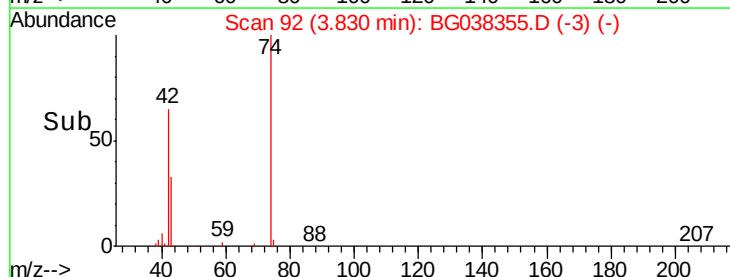
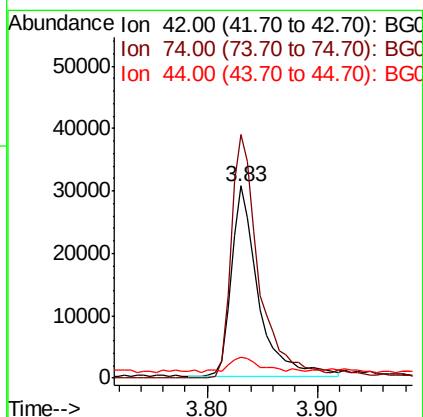
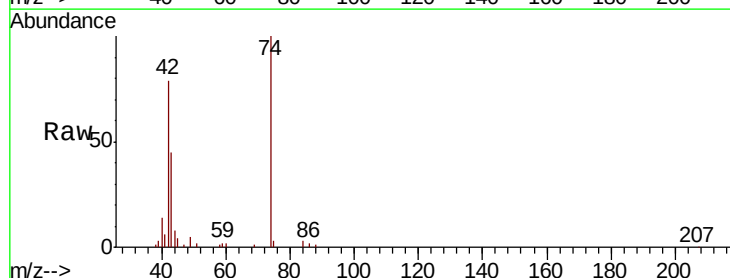
Tgt Ion: 42 Resp: 52277

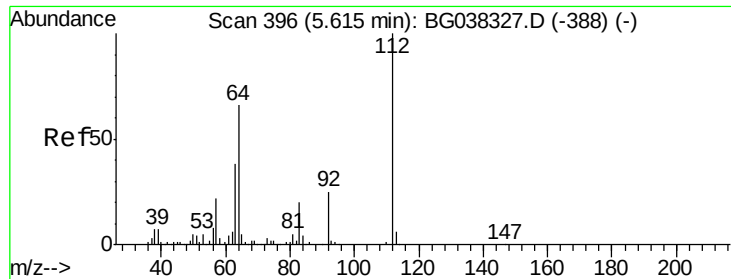
Ion Ratio Lower Upper

42 100

74 126.6 102.0 153.0

44 10.5 9.6 14.4





#5

2-Fluorophenol

Concen: 115.676 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampled :

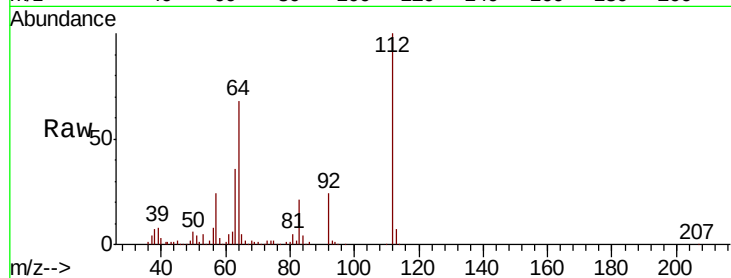
Tot Ion:112 Resp: 184361

Ion Ratio Lower Upper

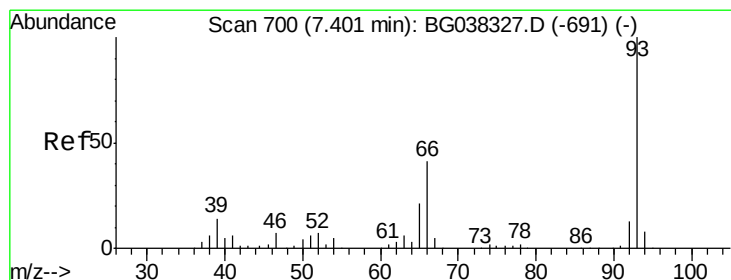
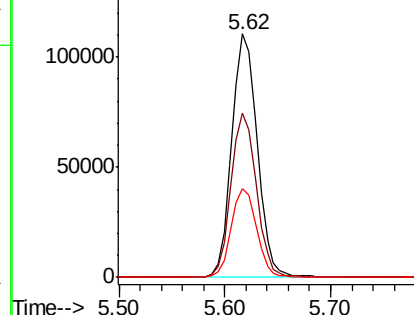
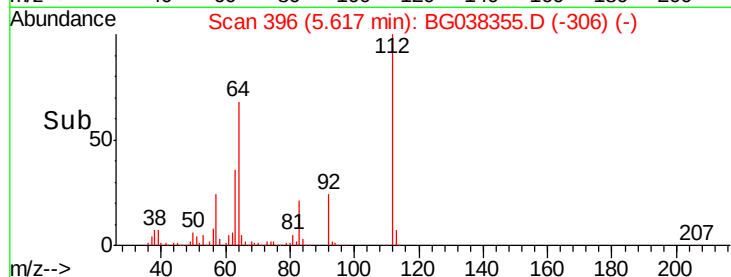
112 100

64 67.6 53.1 79.7

63 36.2 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: 19.214 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

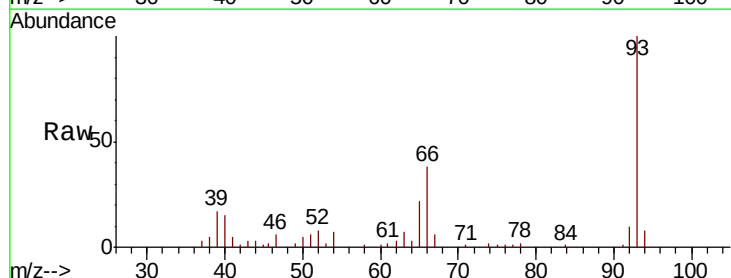
Tgt Ion: 93 Resp: 56531

Ion Ratio Lower Upper

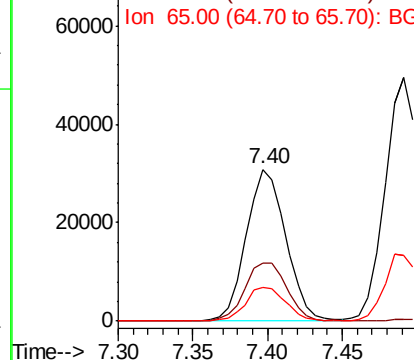
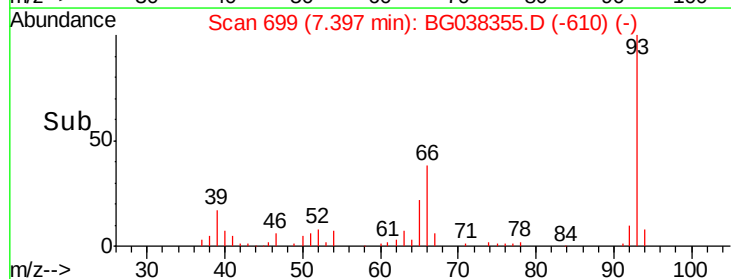
93 100

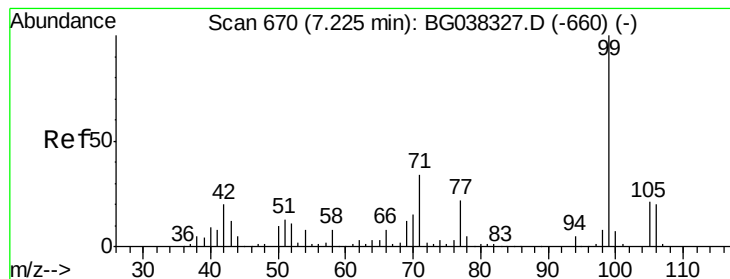
66 37.9 32.8 49.2

65 22.0 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: 103.930 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

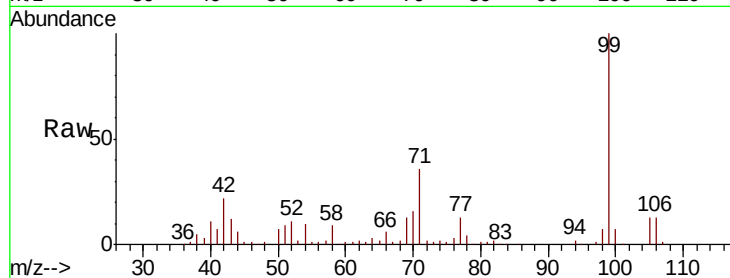
Tot Ion: 99 Resp: 239406

Ion Ratio Lower Upper

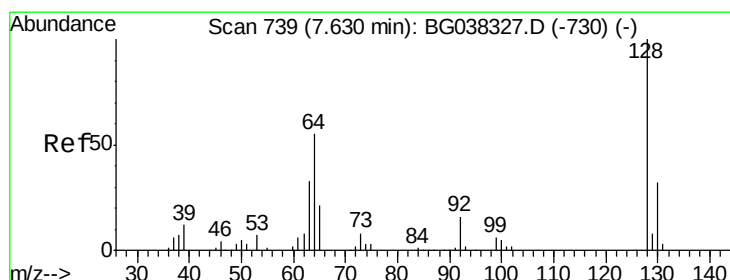
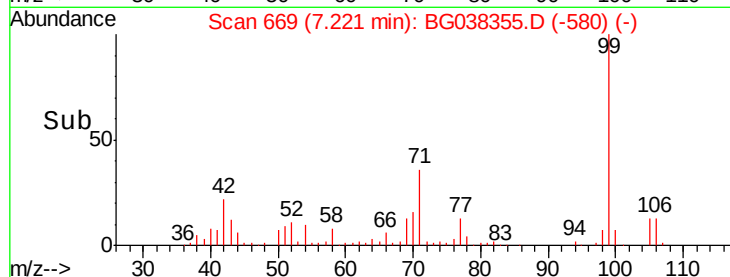
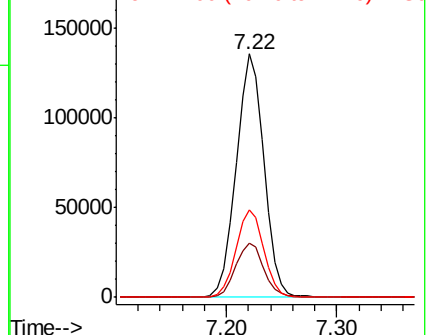
99 100

42 22.3 15.0 22.4

71 35.9 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: 45.666 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

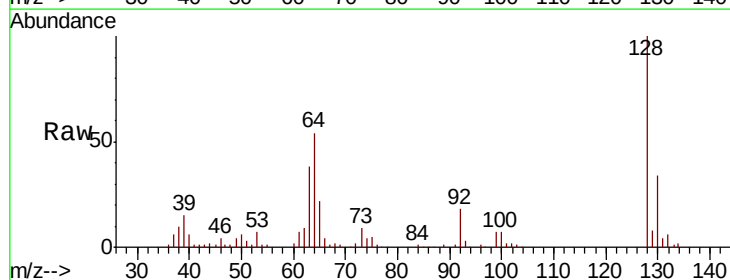
Tgt Ion: 128 Resp: 84526

Ion Ratio Lower Upper

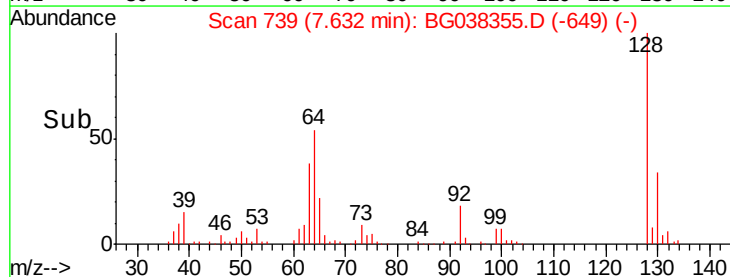
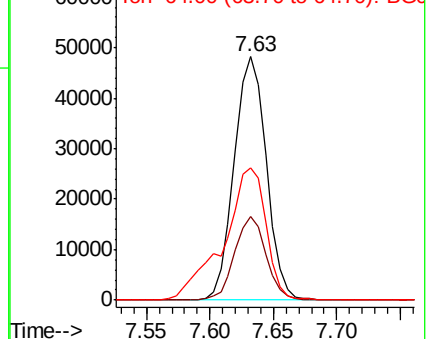
128 100

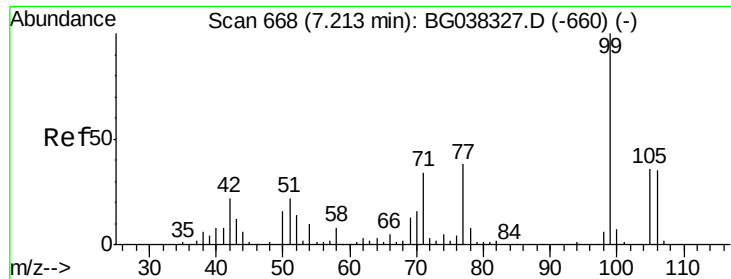
130 34.2 12.0 52.0

64 54.3 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: 29.502 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

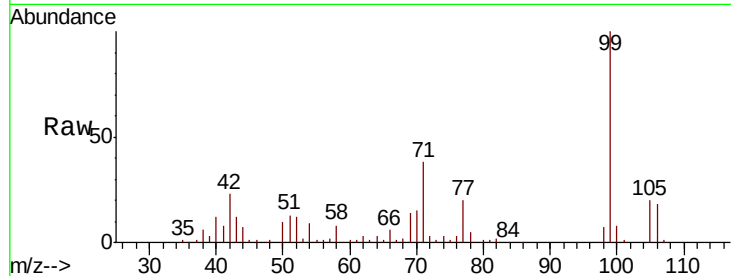
Tot Ion: 77 Resp: 43034

Ion Ratio Lower Upper

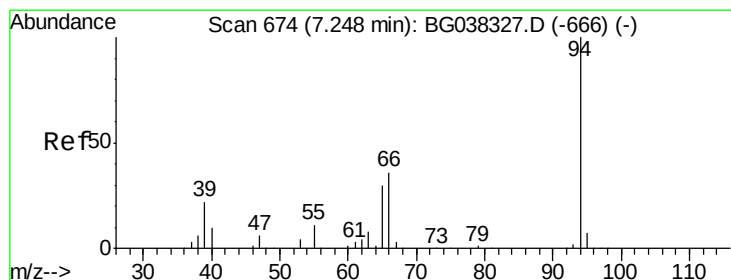
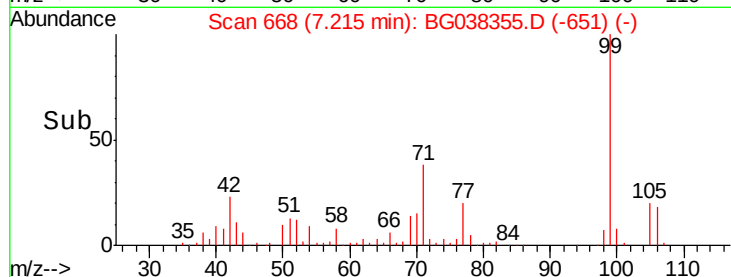
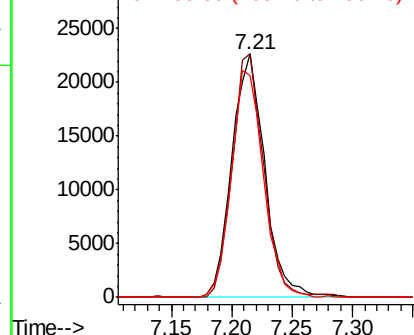
77 100

105 100.2 72.6 112.6

106 91.1 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: 39.494 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

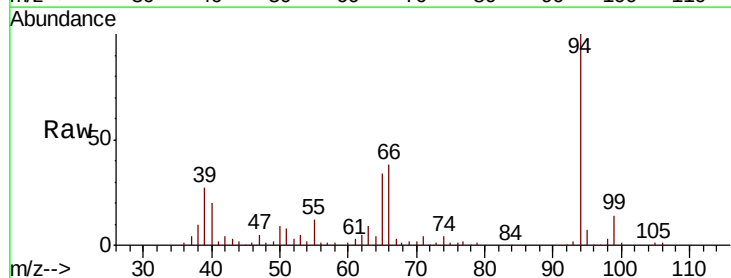
Tgt Ion: 94 Resp: 96122

Ion Ratio Lower Upper

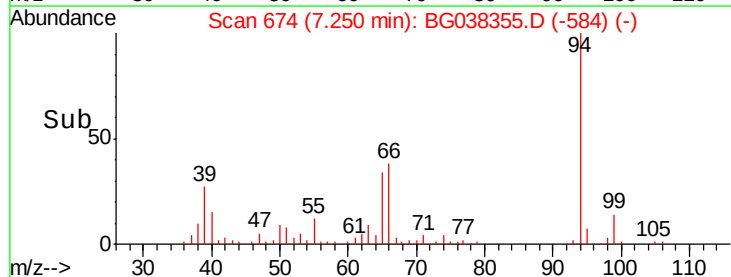
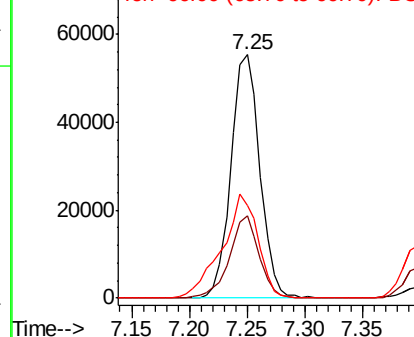
94 100

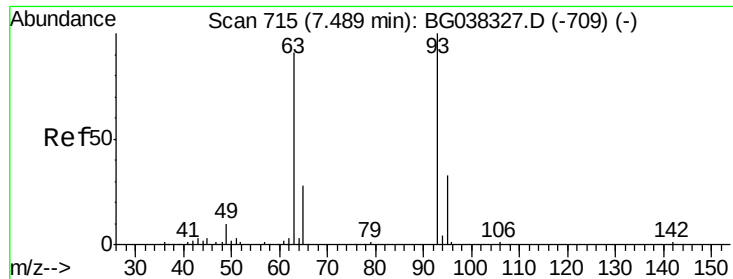
65 33.8 9.7 49.7

66 38.1 15.9 55.9



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

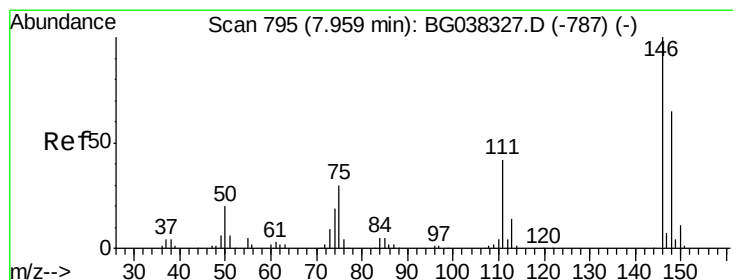
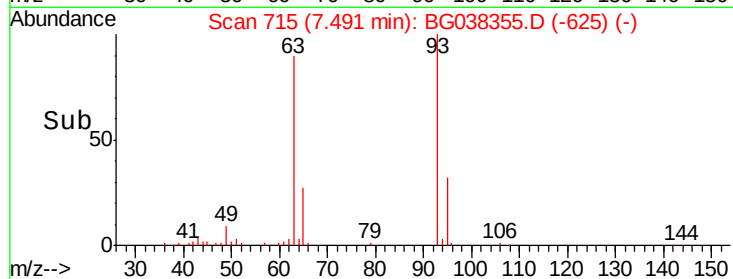
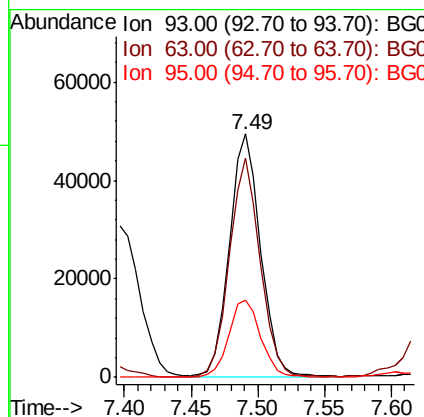
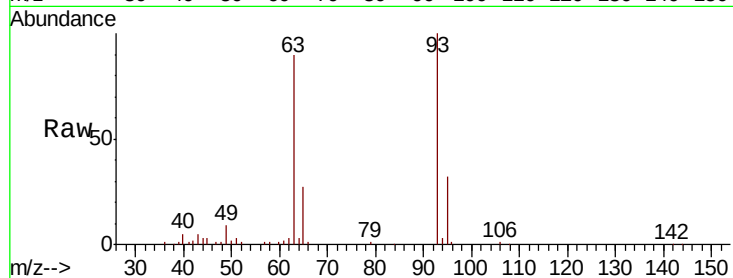




#11
 bis(2-Chloroethyl)ether
 Concen: 40.857 ng
 RT: 7.49 min Scan# 715
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

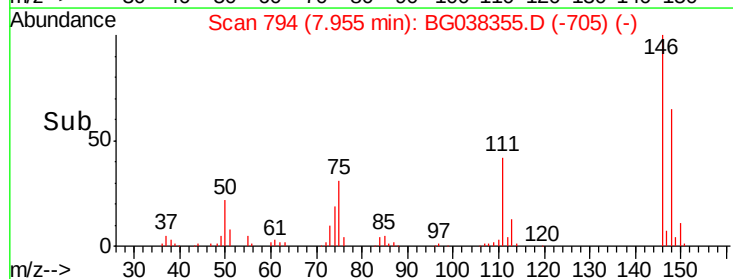
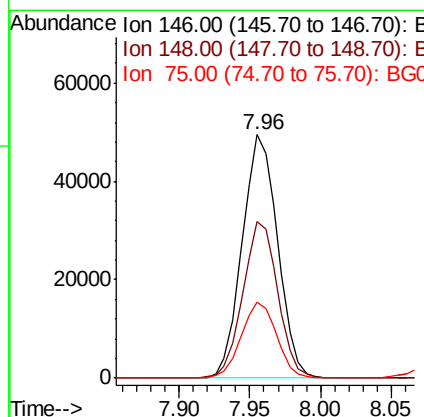
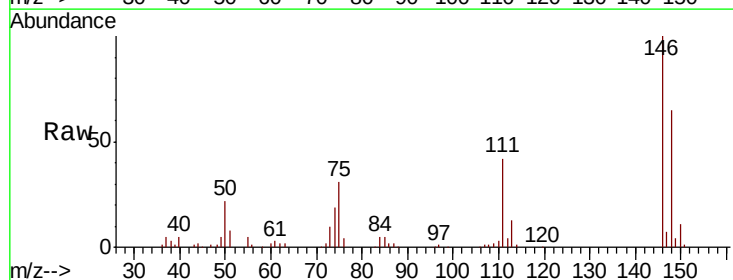
Instrument :
 BNA_G
 ClientSampleId :

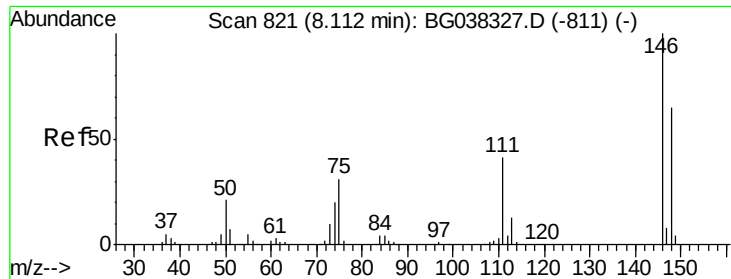
Tot Ion: 93 Resp: 81440
 Ion Ratio Lower Upper
 93 100
 63 89.8 69.5 109.5
 95 31.8 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 40.206 ng
 RT: 7.96 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion: 146 Resp: 86979
 Ion Ratio Lower Upper
 146 100
 148 64.6 49.8 74.8
 75 31.2 23.2 34.8

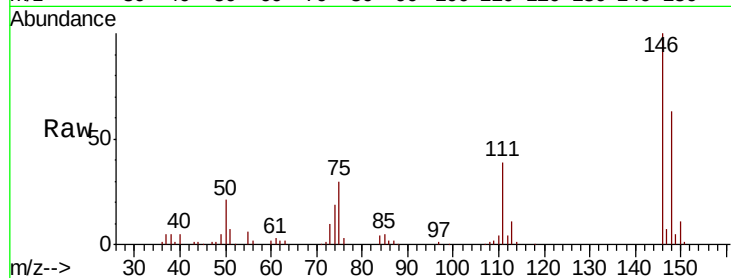




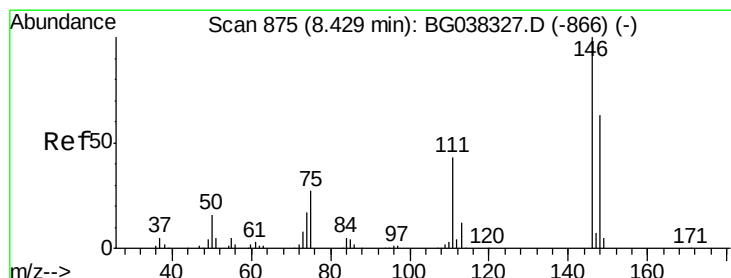
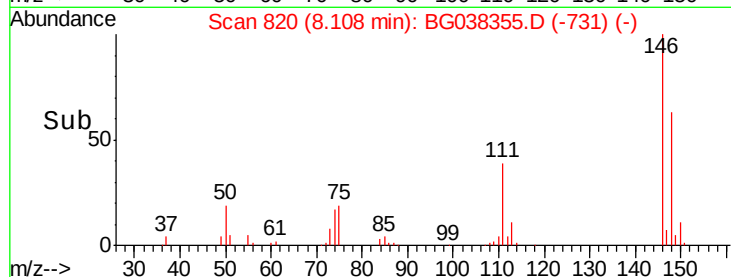
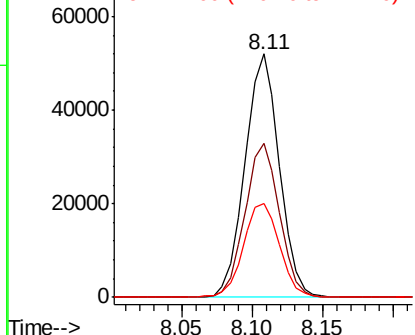
#13
 1,4-Dichlorobenzene
 Concen: 39.558 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 88545
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.0 76.6
 111 38.7 32.4 48.6

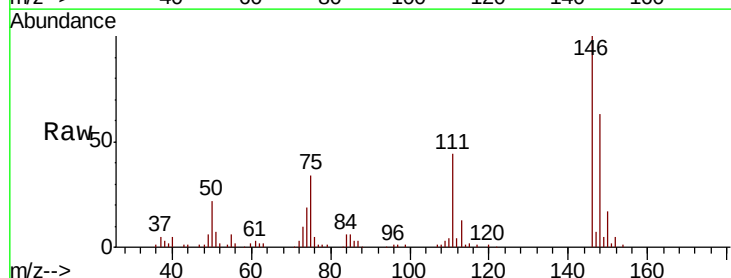


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

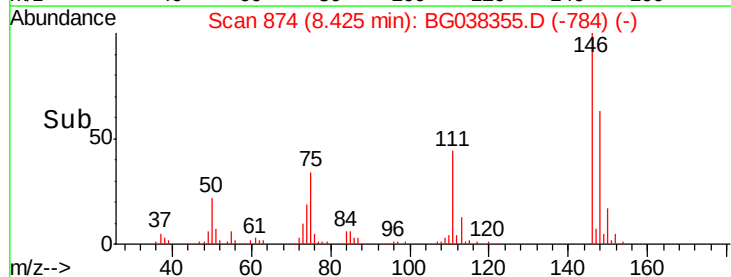
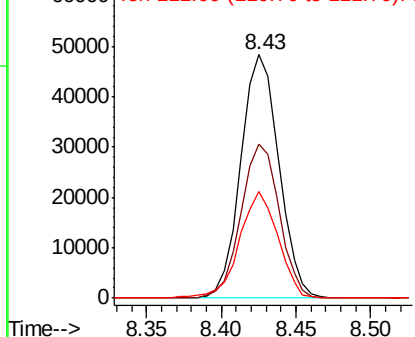


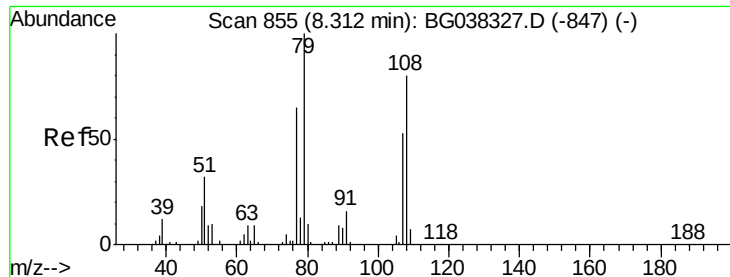
#14
 1,2-Dichlorobenzene
 Concen: 41.724 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:146 Resp: 85281
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.4 75.6
 111 43.9 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: 43.850 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

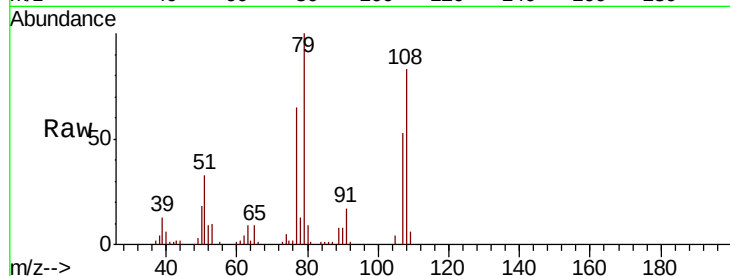
Tot Ion: 79 Resp: 83043

Ion Ratio Lower Upper

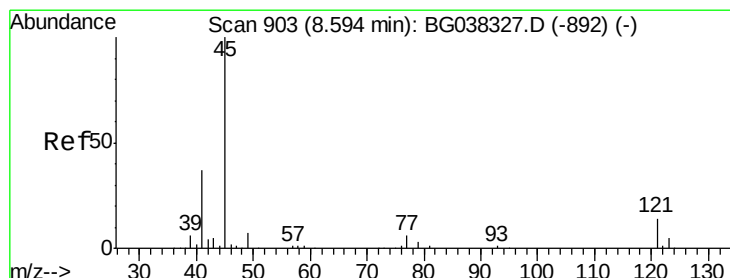
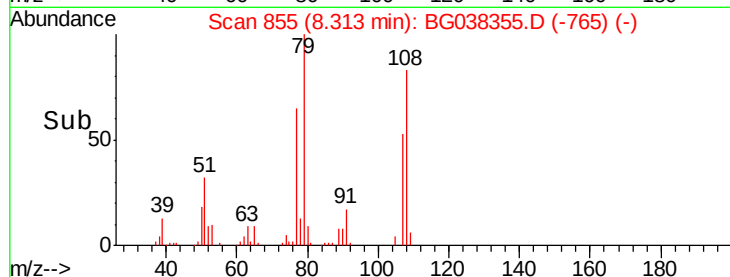
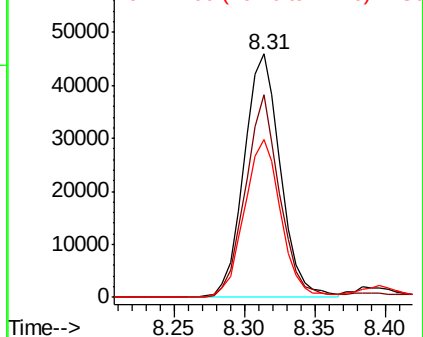
79 100

108 83.1 65.8 98.8

77 64.9 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.618 ng

RT: 8.60 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

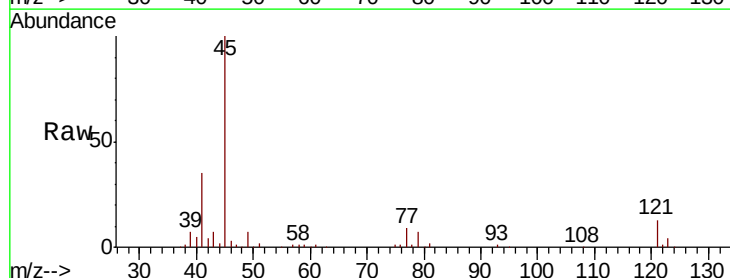
Tgt Ion: 45 Resp: 184155

Ion Ratio Lower Upper

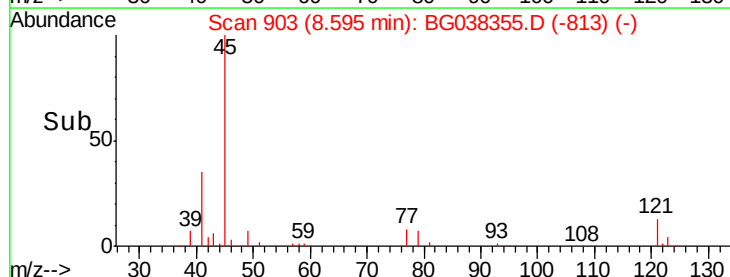
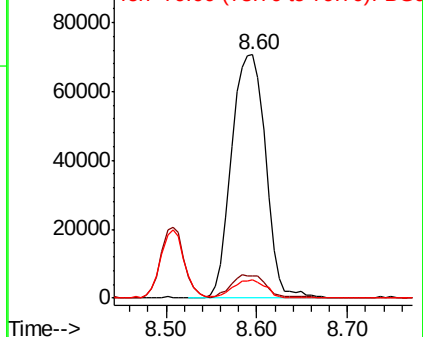
45 100

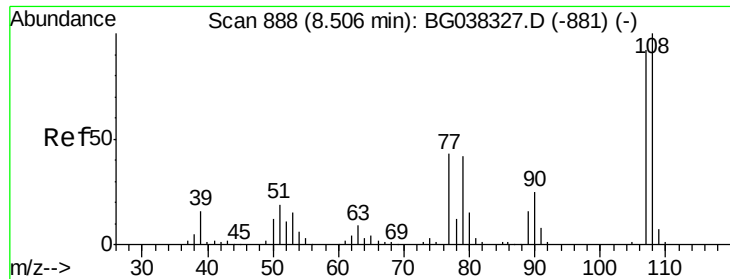
77 9.1 0.0 30.0

79 7.3 0.0 29.0



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

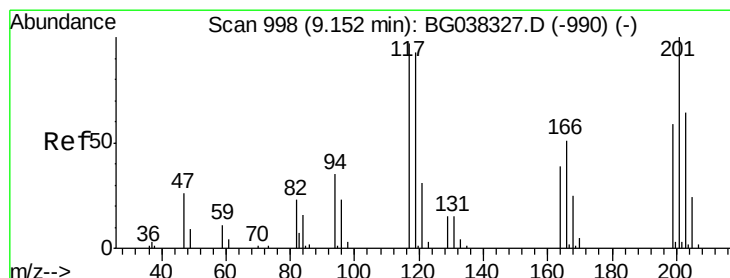
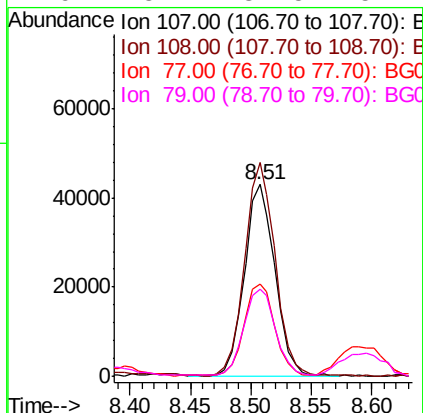
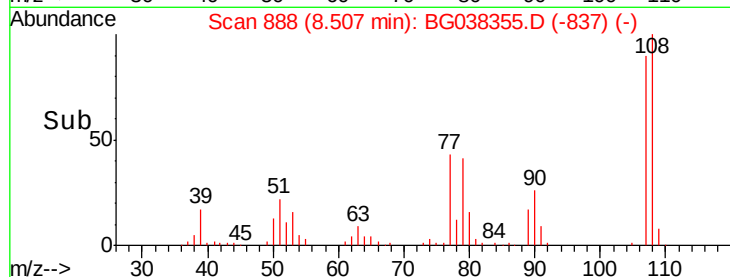
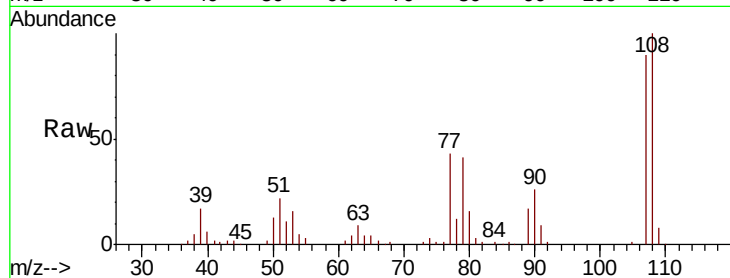




#17
2-Methylphenol
Concen: 45.264 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

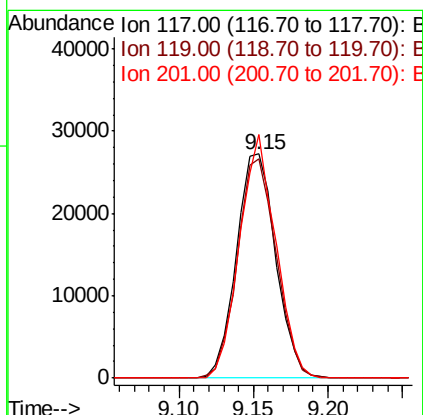
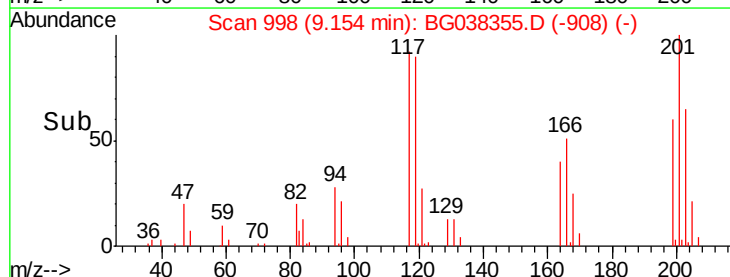
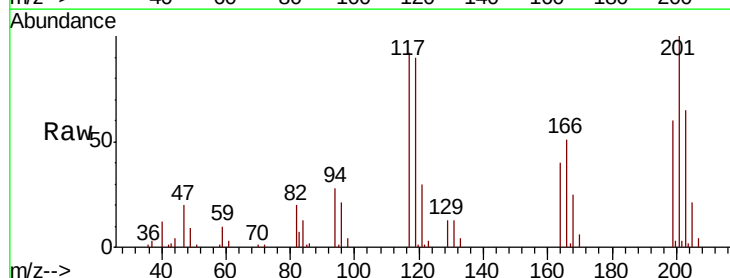
Instrument :
BNA_G
ClientSampleId :

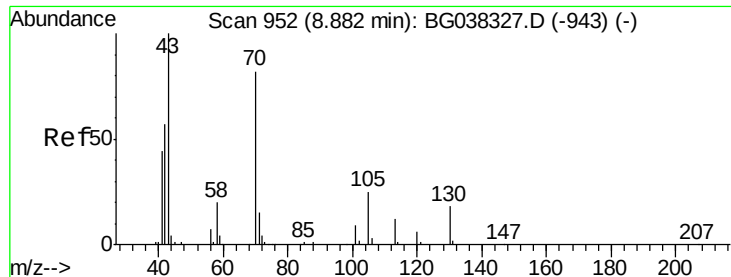
Tot Ion:107 Resp: 75817
Ion Ratio Lower Upper
107 100
108 111.3 87.9 131.9
77 47.8 35.1 52.7
79 45.7 34.5 51.7



#18
Hexachloroethane
Concen: 61.659 ng
RT: 9.15 min Scan# 998
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:117 Resp: 49812
Ion Ratio Lower Upper
117 100
119 97.8 74.6 111.8
201 112.3 80.8 121.2

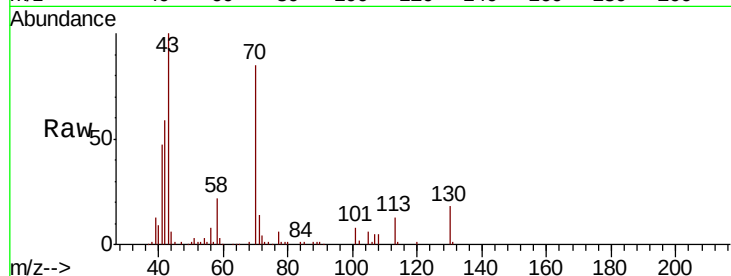




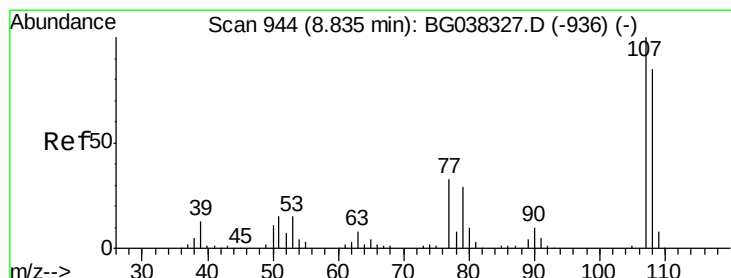
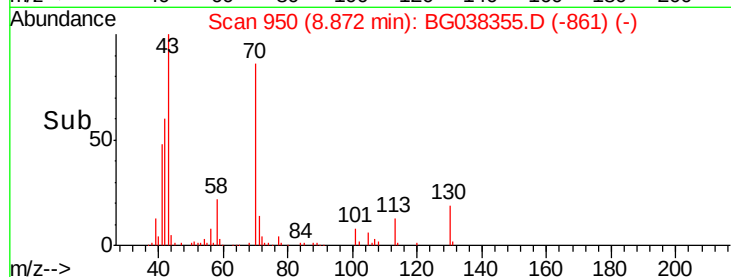
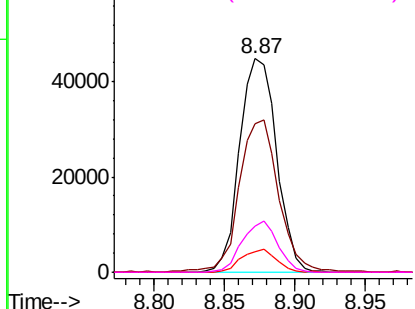
#19
 n-Nitroso-di-n-propylamine
 Concen: 49.417 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	70	Resp:	82363
Ion	Ratio	Lower	Upper
70	100		
42	69.5	53.9	80.9
101	9.5	8.2	12.2
130	21.7	18.2	27.4

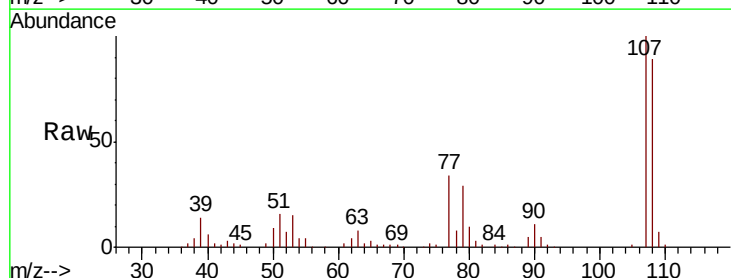


Abundance Ion 70.00 (69.70 to 70.70): BGC
 Ion 42.00 (41.70 to 42.70): BGC
 Ion 101.00 (100.70 to 101.70): BGC
 Ion 130.00 (129.70 to 130.70): BGC

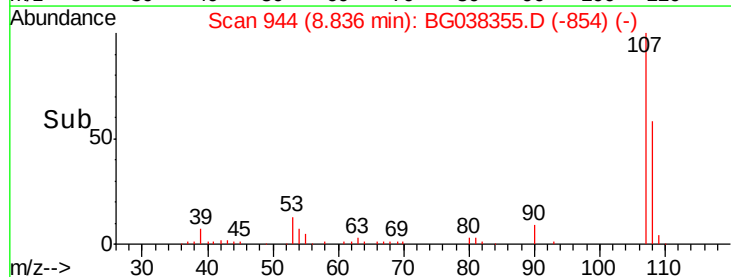
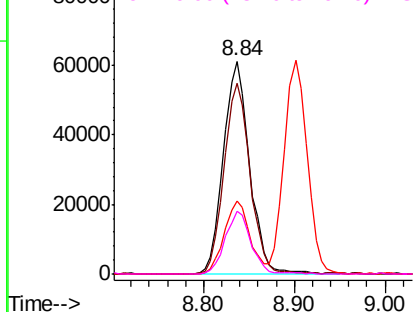


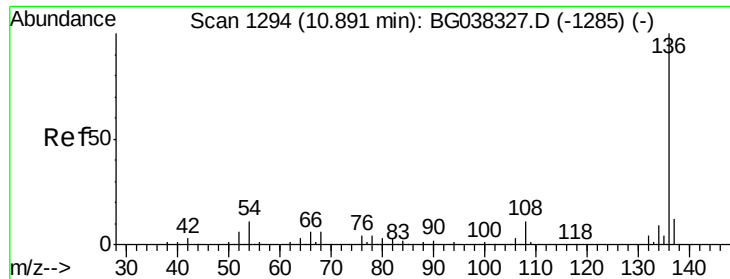
#20
 3+4-Methylphenols
 Concen: 50.141 ng
 RT: 8.84 min Scan# 944
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:	107	Resp:	122943
Ion	Ratio	Lower	Upper
107	100		
108	89.4	69.9	109.9
77	34.1	11.2	51.2
79	29.2	6.6	46.6



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

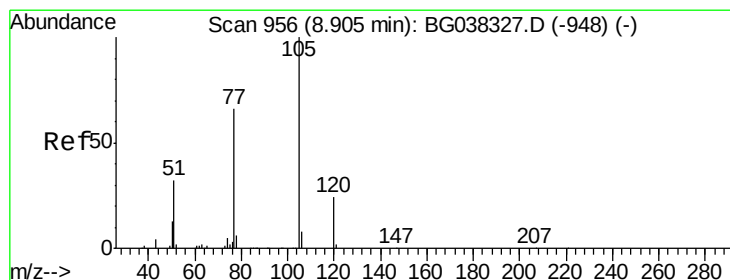
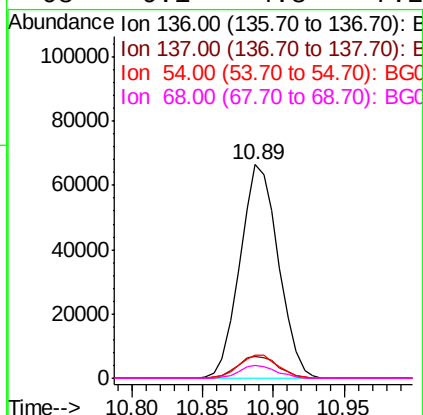
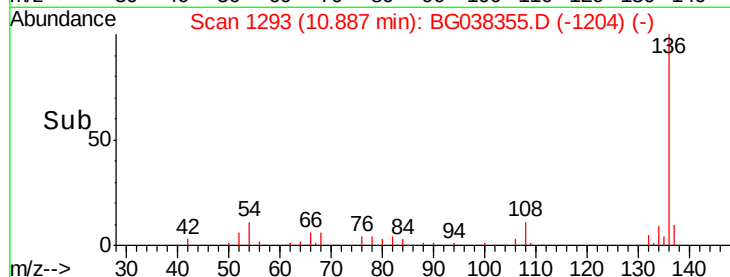
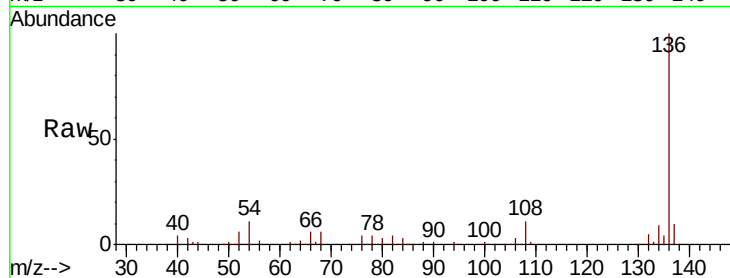




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

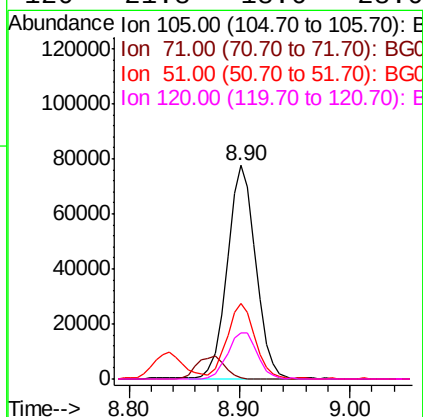
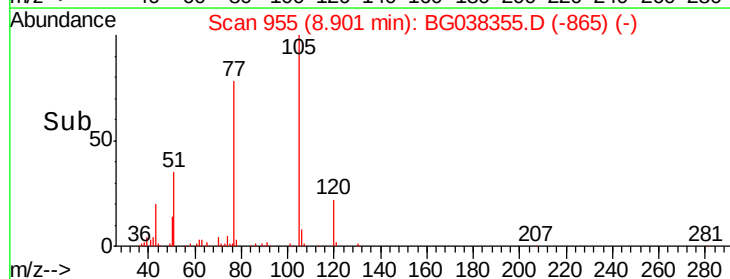
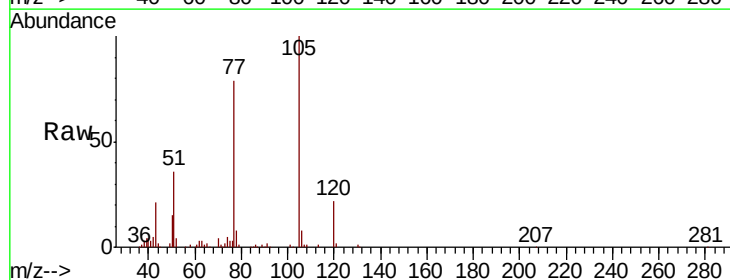
Instrument :
BNA_G
ClientSampleId :

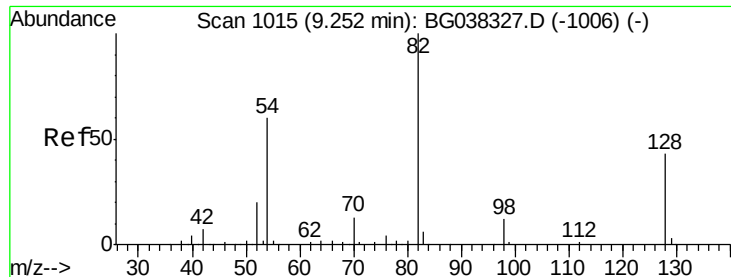
Tot Ion:136	Resp:	126338
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	10.6	7.9 11.9
68	6.1	4.8 7.2



#22
Acetophenone
Concen: 46.288 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:105	Resp:	139912
Ion Ratio	Lower	Upper
105	100	
71	0.8	1.2 1.8#
51	35.7	25.0 37.6
120	21.8	18.6 28.0

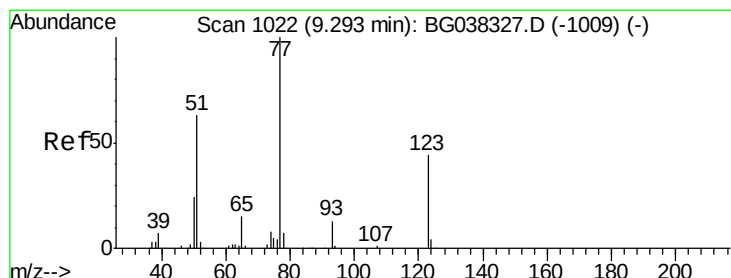
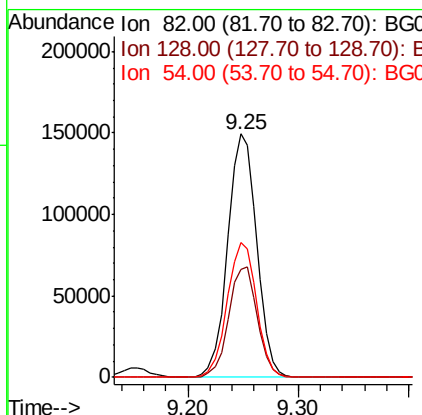
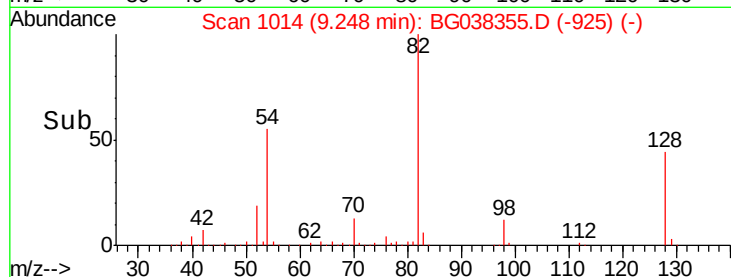
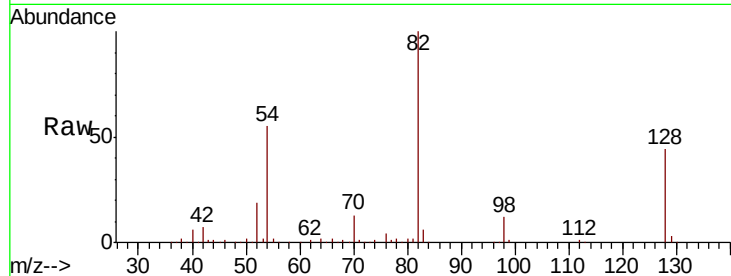




#23
 Nitrobenzene-d5
 Concen: 108.320 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

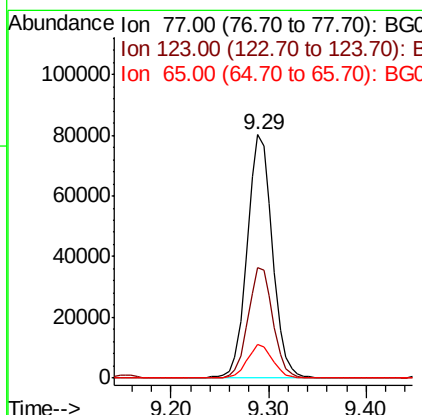
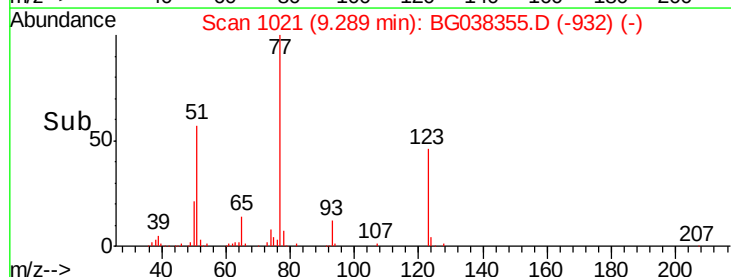
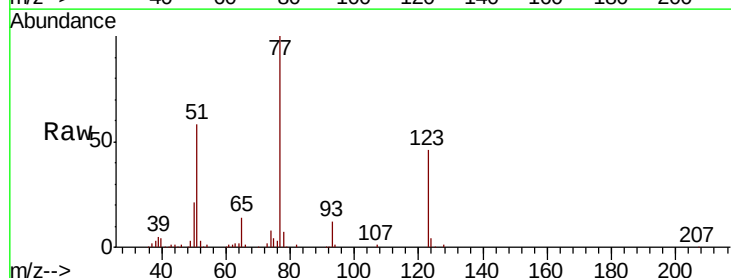
Instrument :
 BNA_G
 ClientSampled :

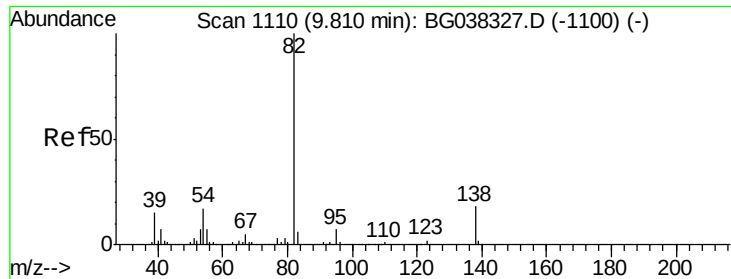
Tot Ion: 82 Resp: 275641
 Ion Ratio Lower Upper
 82 100
 128 44.3 34.6 51.8
 54 55.4 45.3 67.9



#24
 Nitrobenzene
 Concen: 56.315 ng
 RT: 9.29 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion: 77 Resp: 145595
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.6 50.4
 65 13.8 11.3 16.9





#25

Isophorone

Concen: 53.160 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

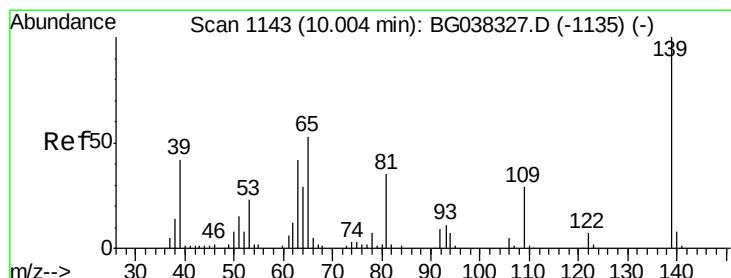
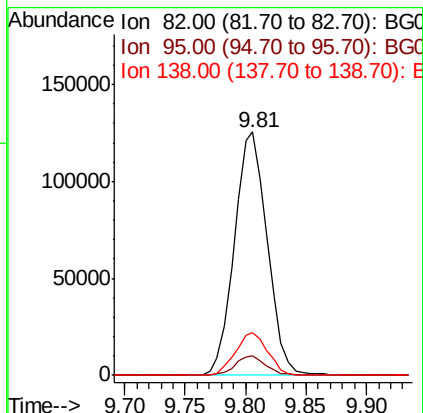
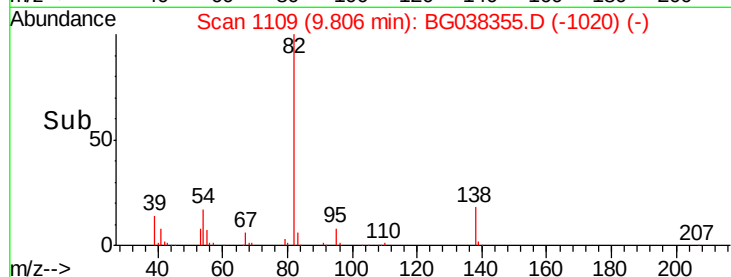
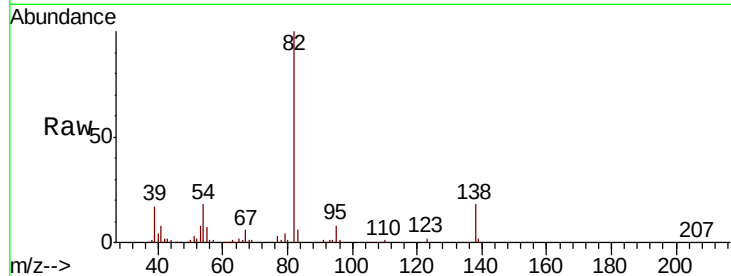
Tot Ion: 82 Resp: 237728

Ion Ratio Lower Upper

82 100

95 7.8 5.3 7.9

138 17.7 13.3 19.9



#26

2-Nitrophenol

Concen: 48.393 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

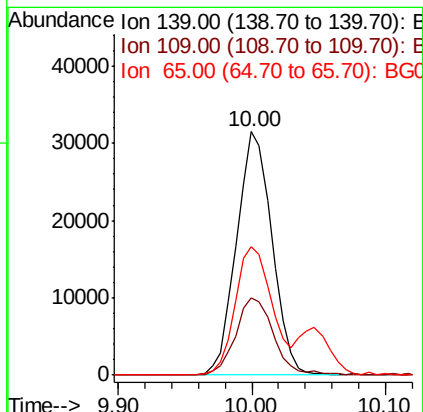
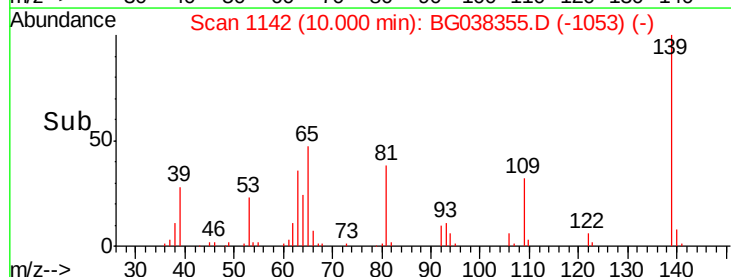
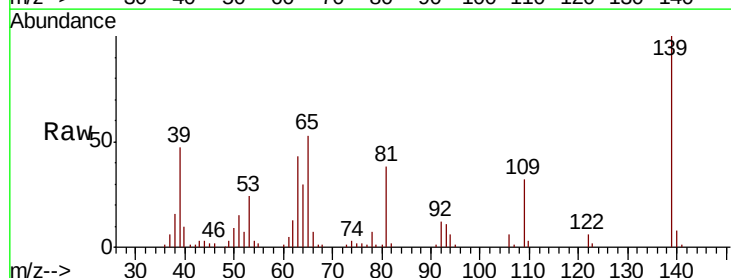
Tgt Ion: 139 Resp: 57971

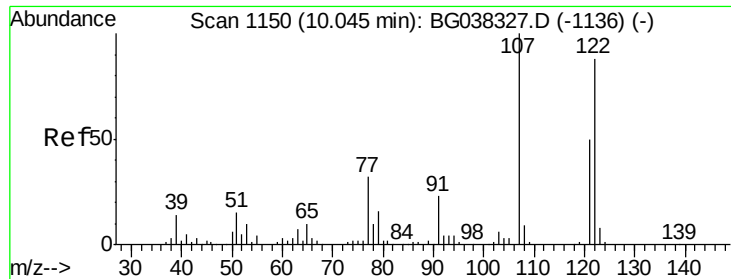
Ion Ratio Lower Upper

139 100

109 31.9 23.3 34.9

65 53.0 39.8 59.8

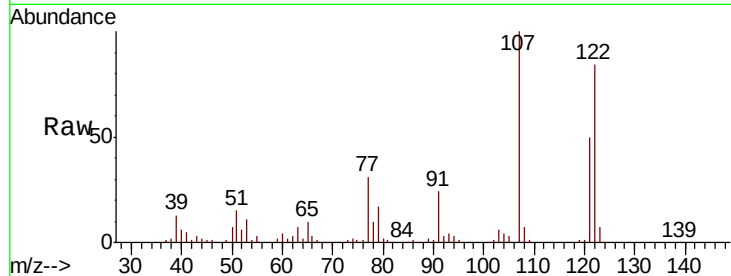




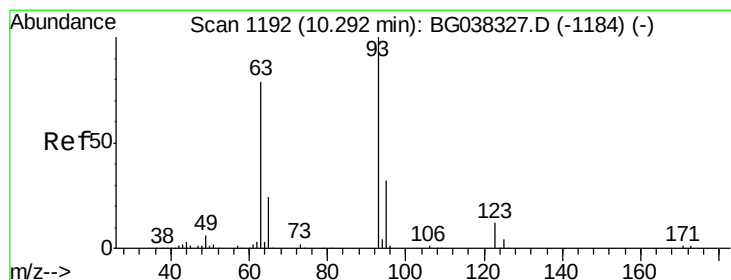
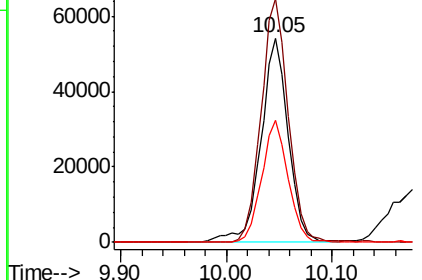
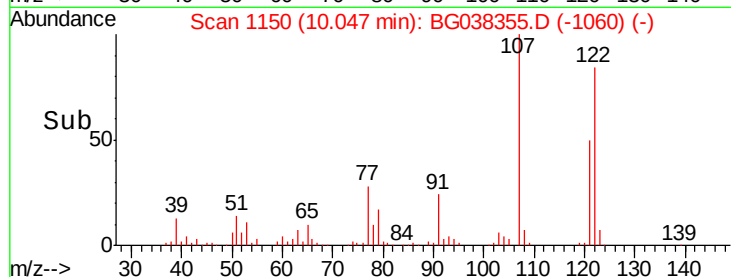
#27
 2,4-Dimethylphenol
 Concen: 56.629 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:122 Resp: 97435
 Ion Ratio Lower Upper
 122 100
 107 119.3 94.2 141.2
 121 59.9 47.3 70.9

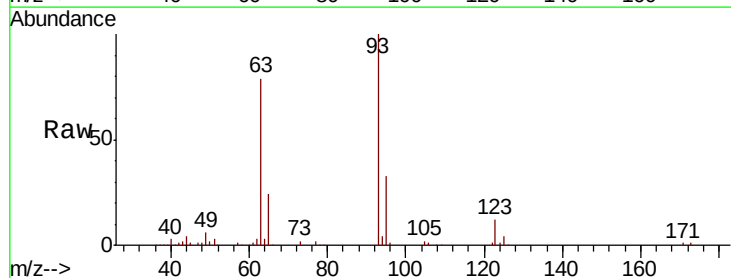


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

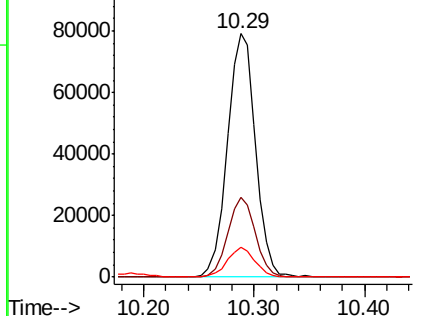
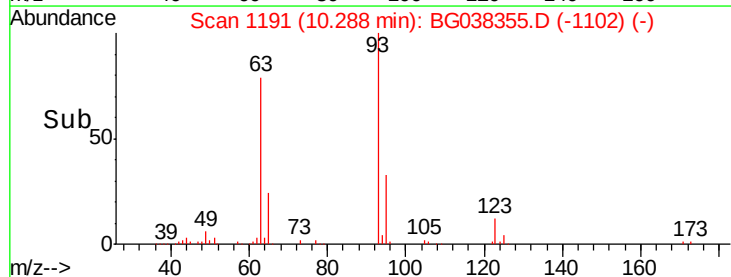


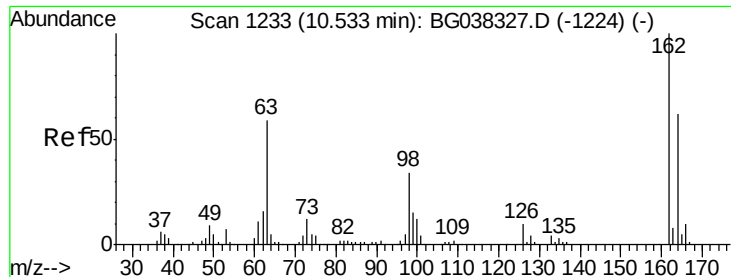
#28
 bis(2-Chloroethoxy)methane
 Concen: 54.904 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion: 93 Resp: 140755
 Ion Ratio Lower Upper
 93 100
 95 32.8 24.6 37.0
 123 12.2 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

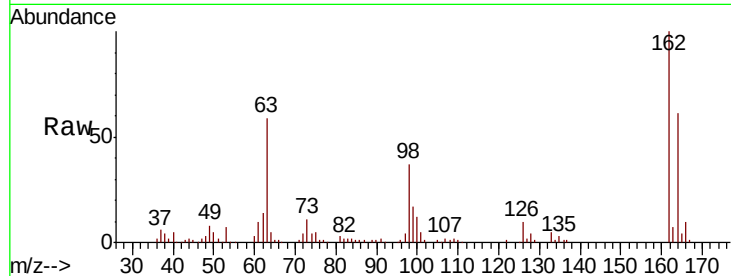




#29
 2,4-Dichlorophenol
 Concen: 60.410 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	162	Resp	118651
Ion Ratio	Lower	Upper	
162	100		
164	61.4	43.2	83.2
98	36.8	16.0	56.0

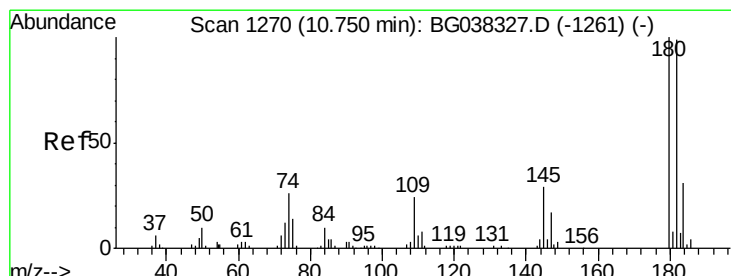
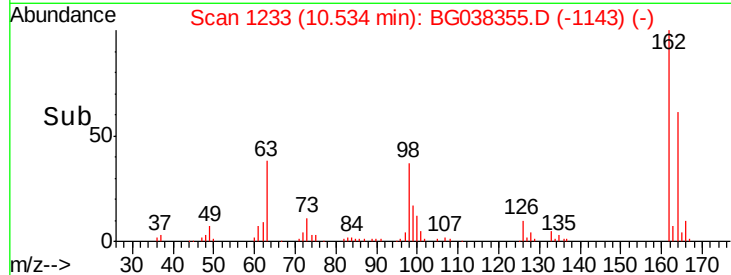
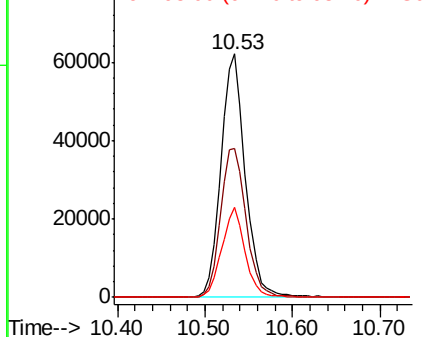


Abundance

Ion 162.00 (161.70 to 162.70): E

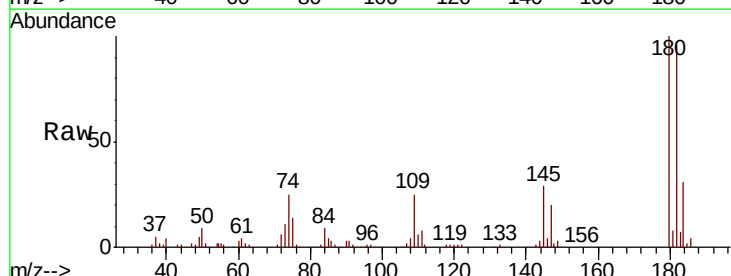
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 43.569 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	180	Resp	100453
Ion Ratio	Lower	Upper	
180	100		
182	96.3	77.7	116.5
145	28.9	23.3	34.9

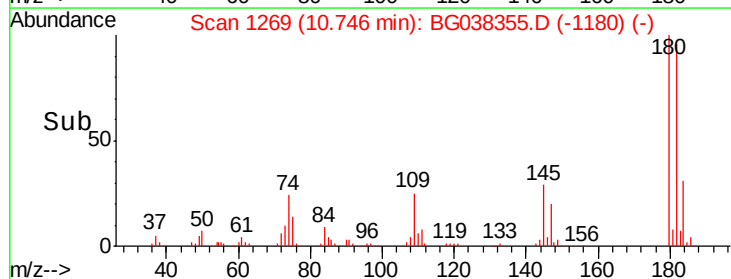
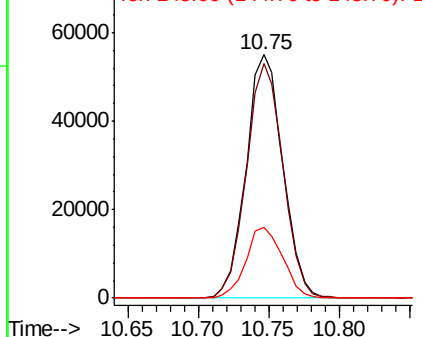


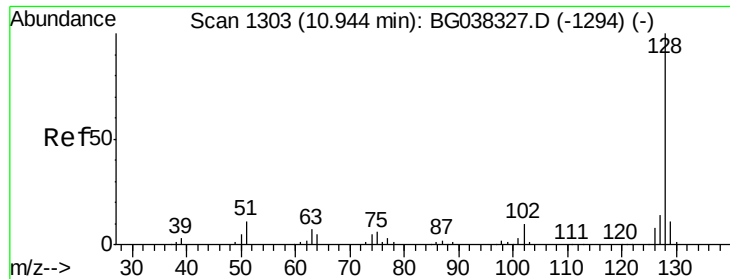
Abundance

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

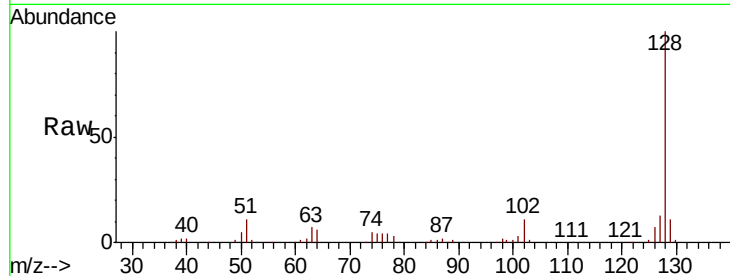




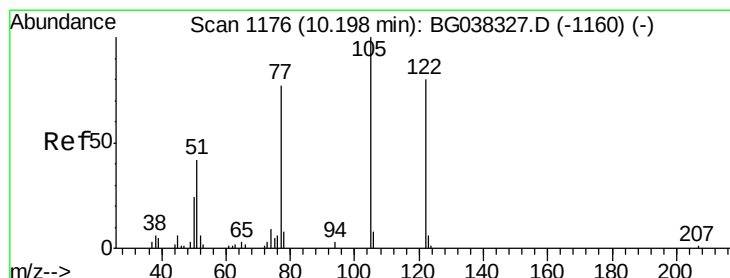
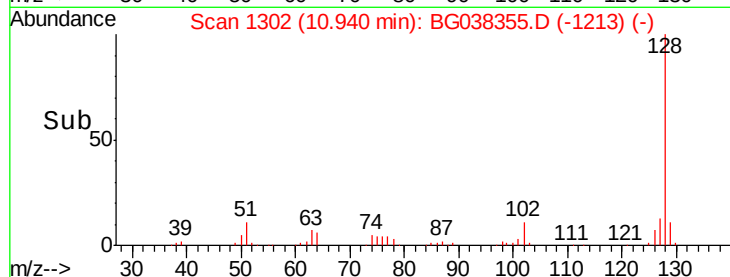
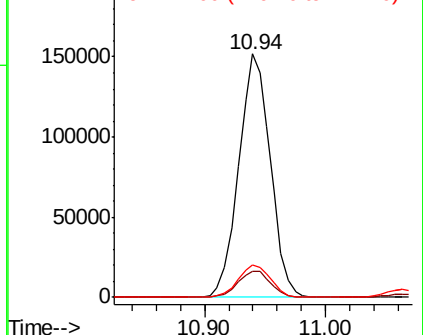
#31
Naphthalene
Concen: 45.703 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 275809
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.2 11.1 16.7

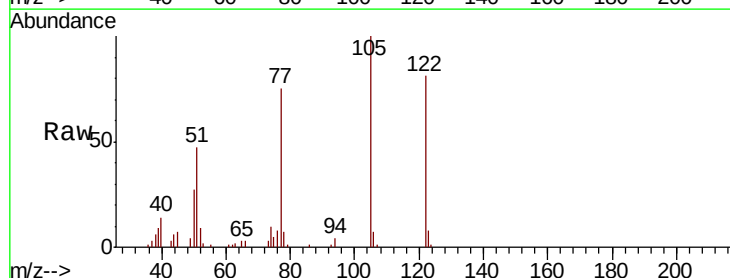


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

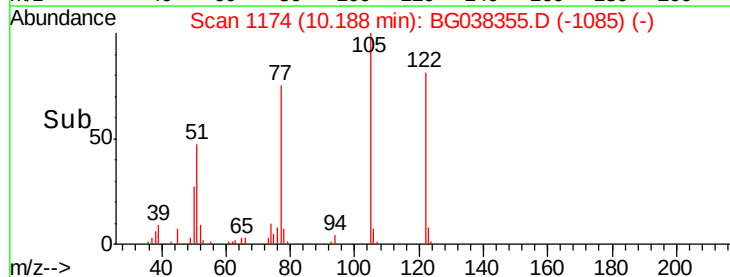
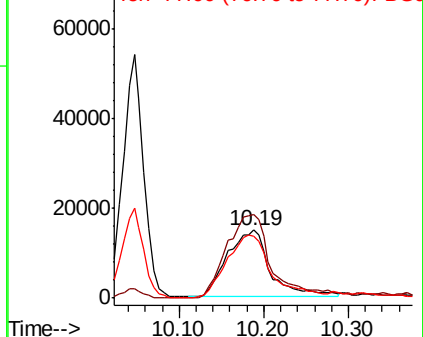


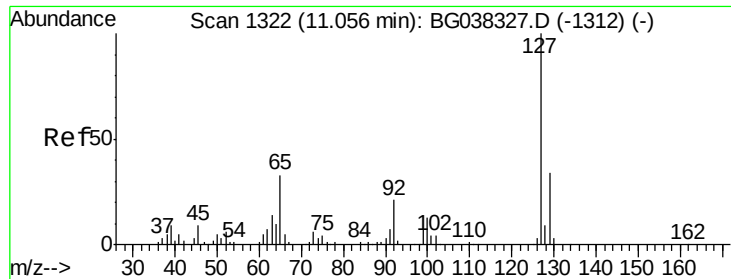
#32
Benzoic acid
Concen: 43.366 ng
RT: 10.19 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:122 Resp: 52349
Ion Ratio Lower Upper
122 100
105 123.6 106.7 146.7
77 92.1 72.2 112.2



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

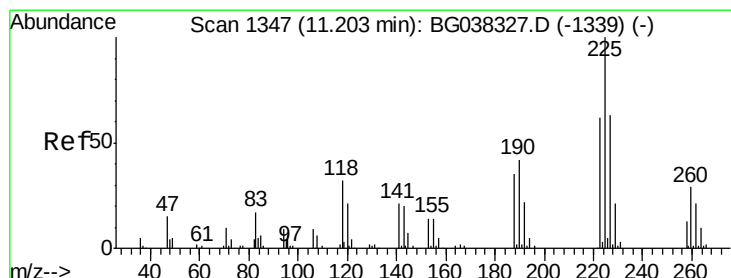
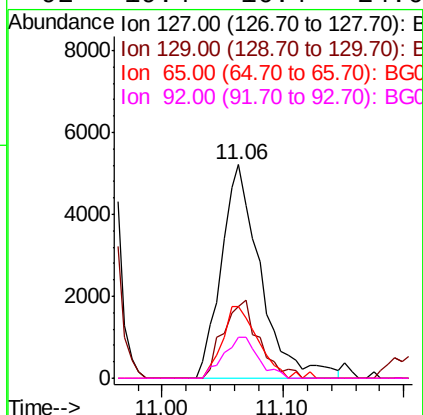
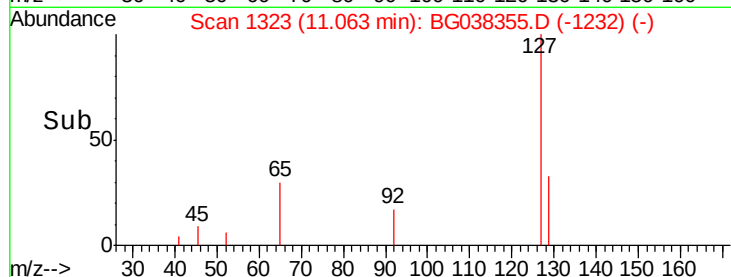
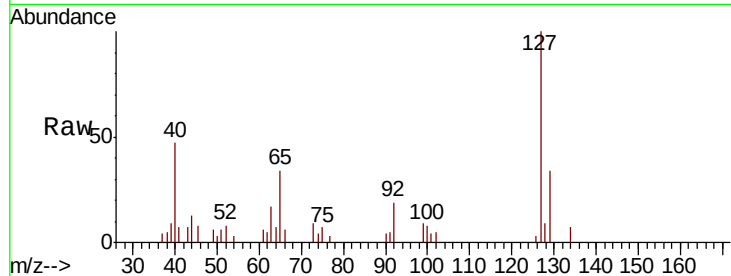




#33
4-Chloroaniline
Concen: 4.390 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

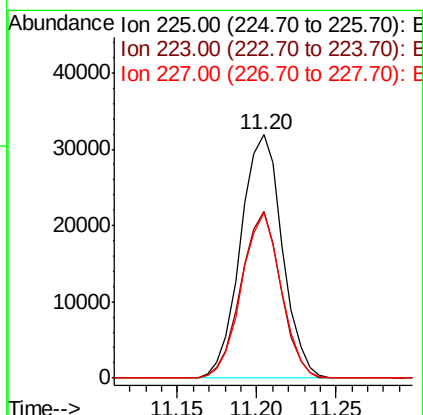
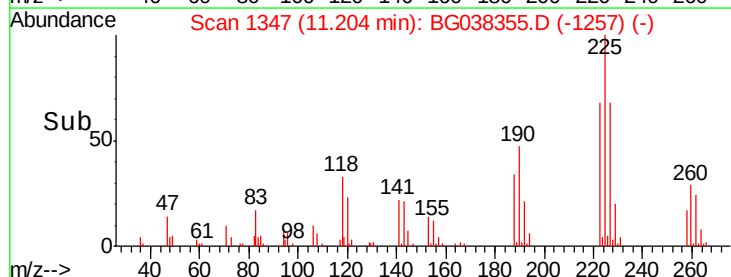
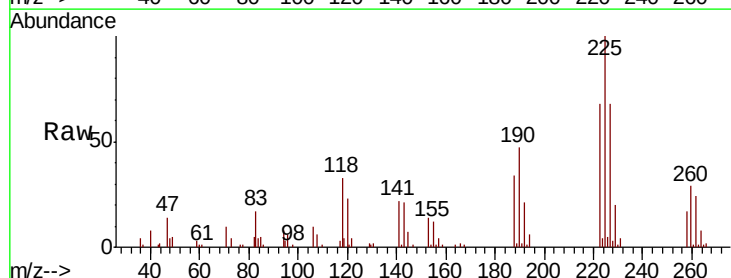
Instrument :
BNA_G
ClientSampleId :

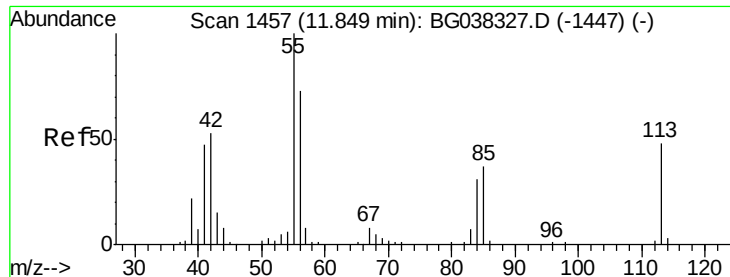
Tot Ion:	127	Resp:	11729
Ion	Ratio	Lower	Upper
127	100		
129	33.7	27.1	40.7
65	33.7	26.6	39.8
92	19.4	16.4	24.6



#34
Hexachlorobutadiene
Concen: 40.524 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:	225	Resp:	58452
Ion	Ratio	Lower	Upper
225	100		
223	65.2	48.2	72.4
227	68.1	51.6	77.4

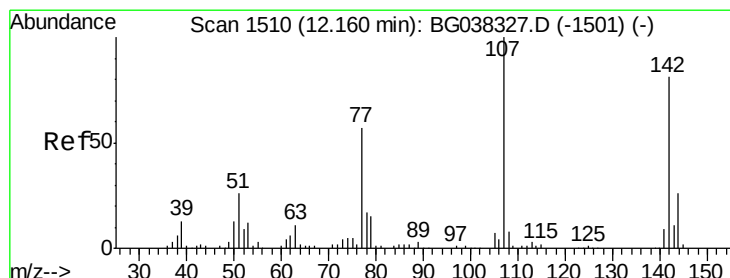
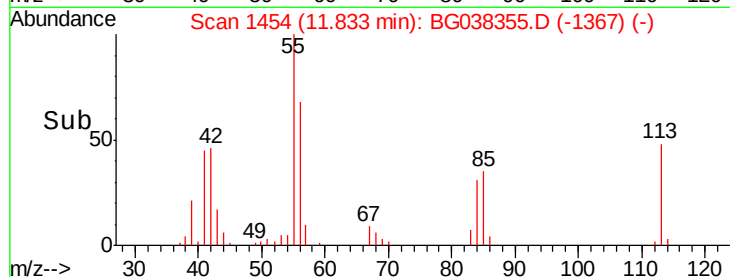
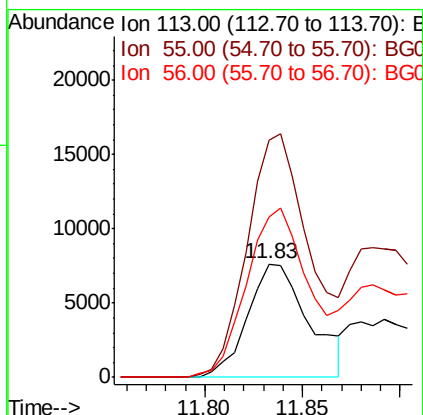
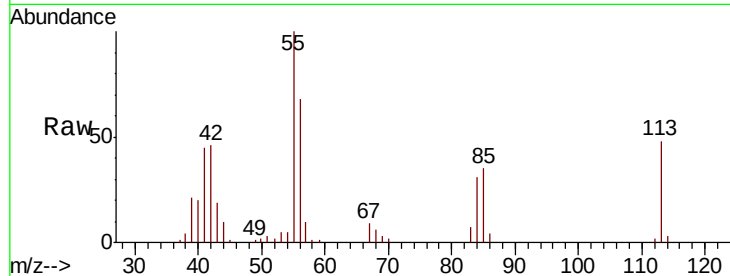




#35
 Caprolactam
 Concen: 20.326 ng
 RT: 11.83 min Scan# 1454
 Delta R.T. -0.02 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

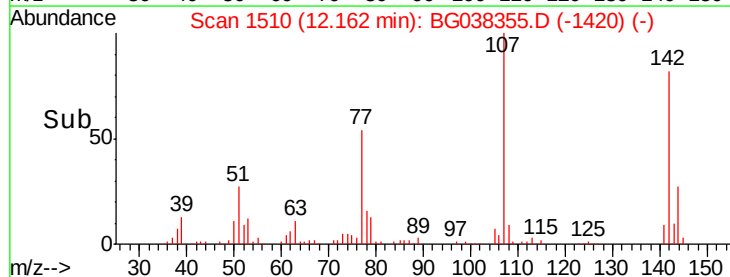
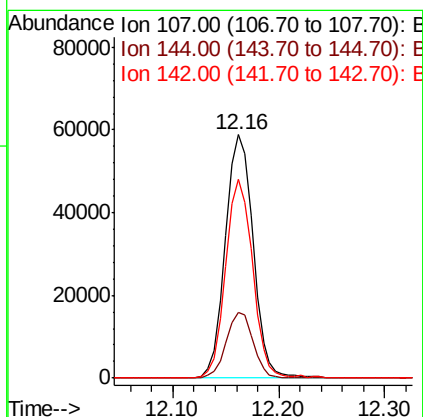
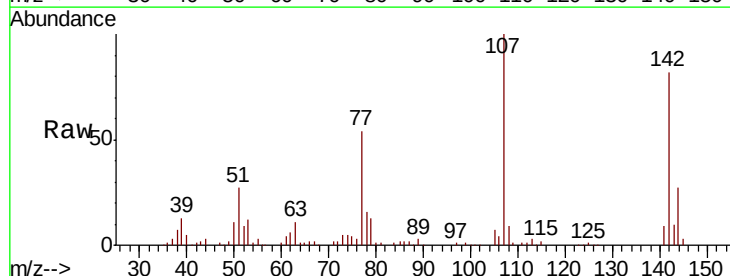
Instrument :
 BNA_G
 ClientSampled :

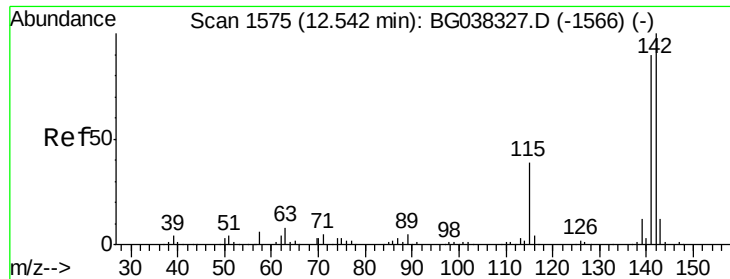
Tot Ion:113 Resp: 16509
 Ion Ratio Lower Upper
 113 100
 55 209.5 176.6 216.6
 56 141.4 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.291 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:107 Resp: 107565
 Ion Ratio Lower Upper
 107 100
 144 26.9 20.7 31.1
 142 81.7 64.4 96.6

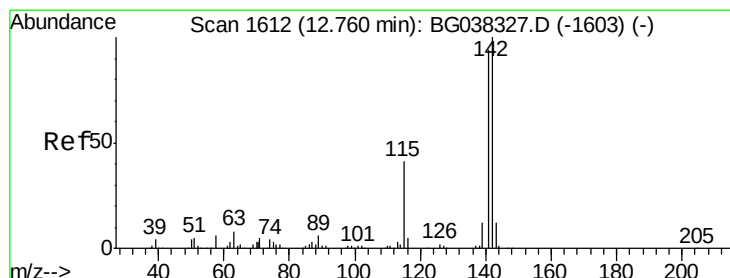
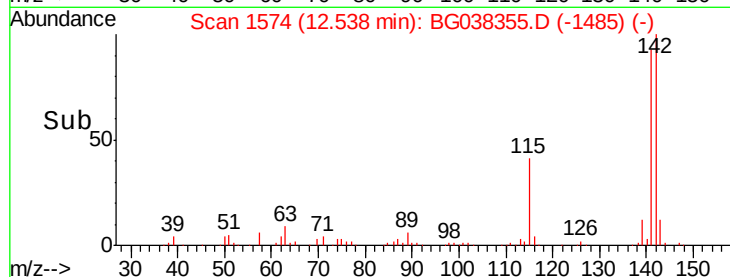
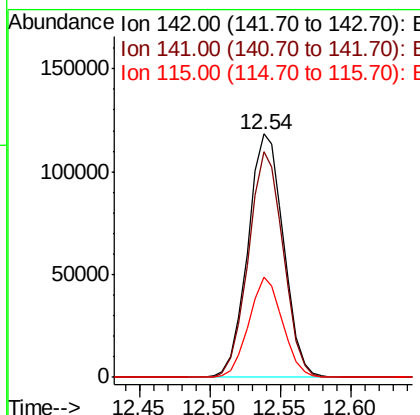
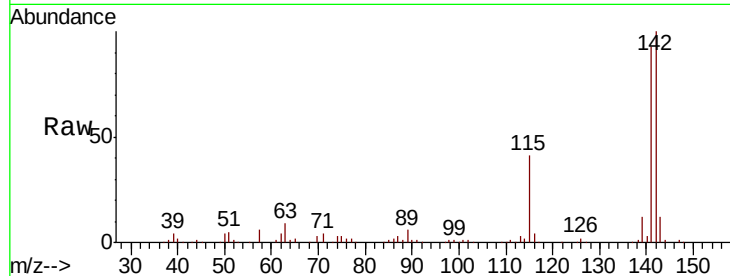




#37
2-Methylnaphthalene
Concen: 48.723 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

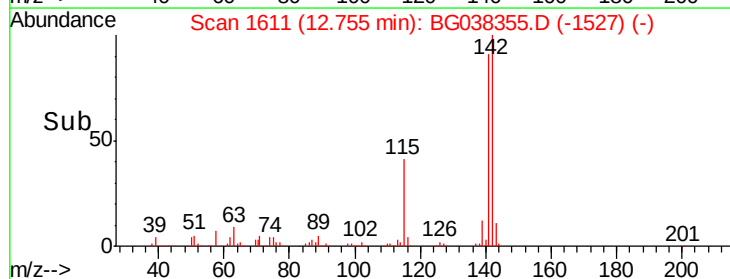
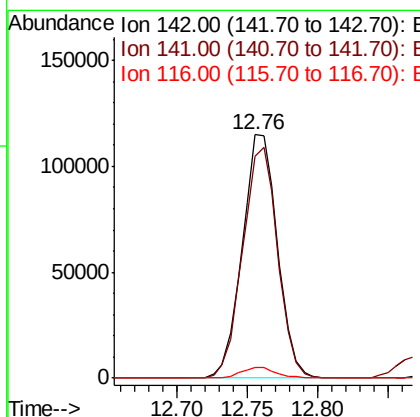
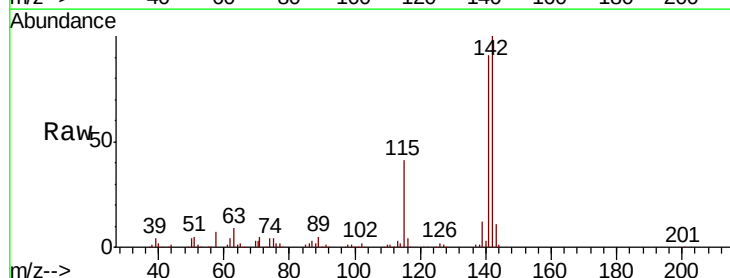
Instrument :
BNA_G
ClientSampleId :

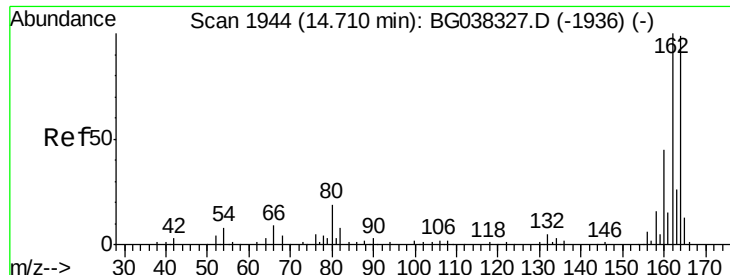
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.5	71.9	107.9
115	41.0	27.8	41.8



#38
1-Methylnaphthalene
Concen: 48.670 ng
RT: 12.76 min Scan# 1611
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

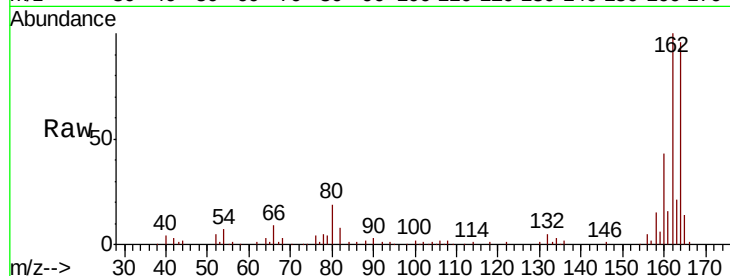
Tot Ion:164 Resp: 81079

Ion Ratio Lower Upper

164 100

162 104.2 81.3 121.9

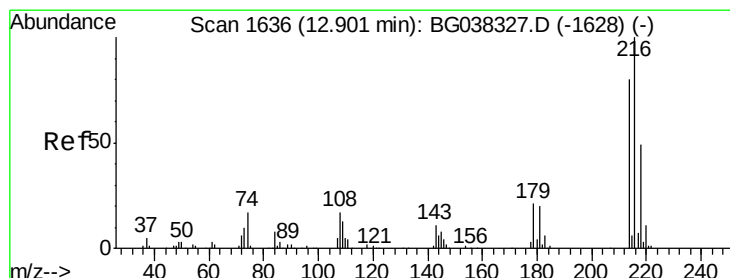
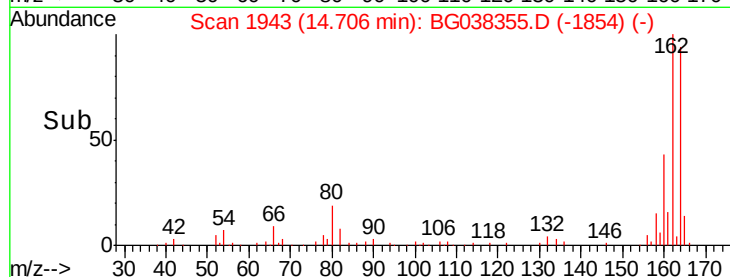
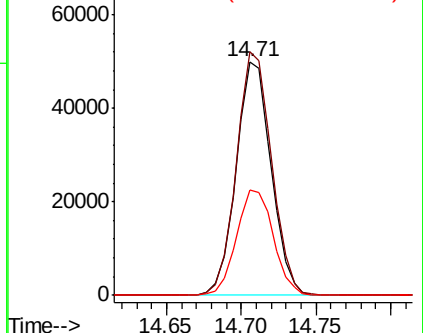
160 44.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.259 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:216 Resp: 115108

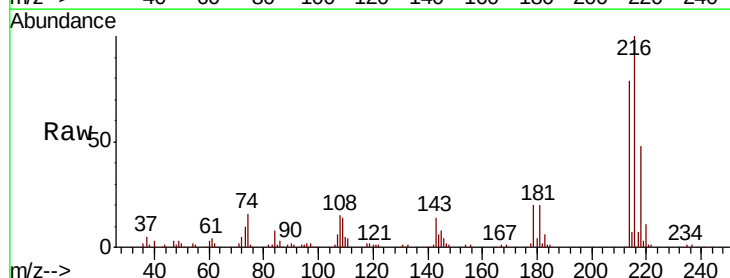
Ion Ratio Lower Upper

216 100

214 79.2 63.8 95.6

179 20.4 17.4 26.0

108 19.7 13.9 20.9

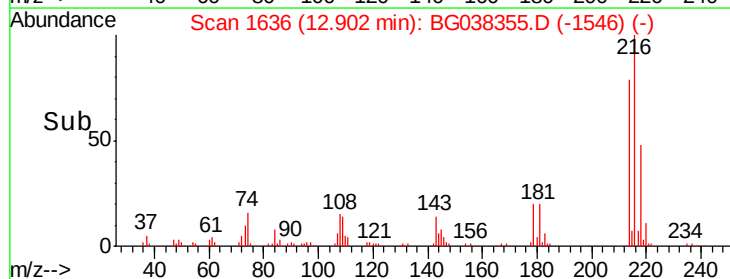
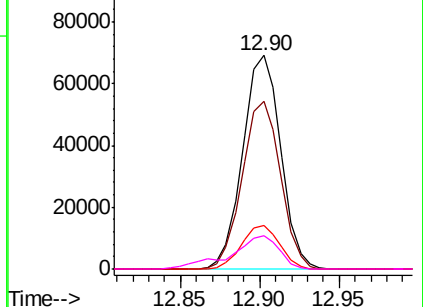


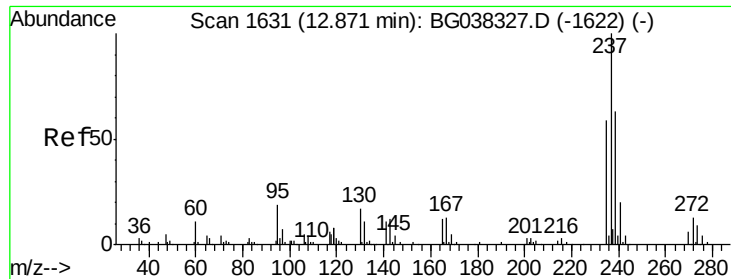
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

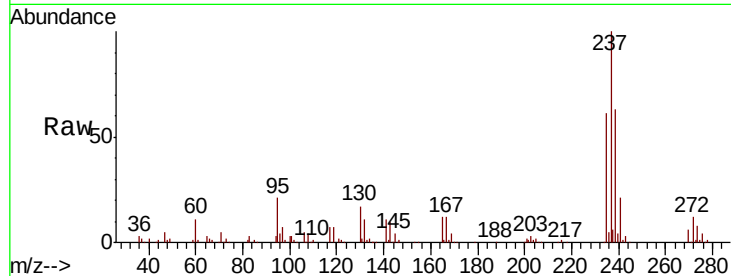




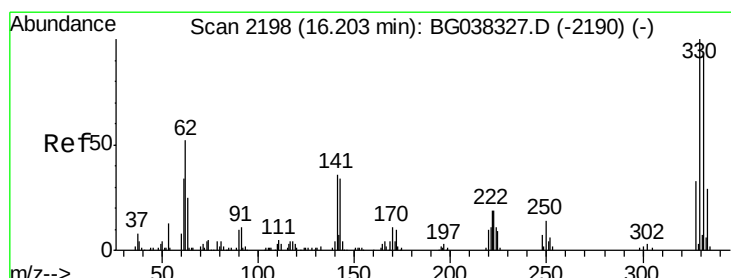
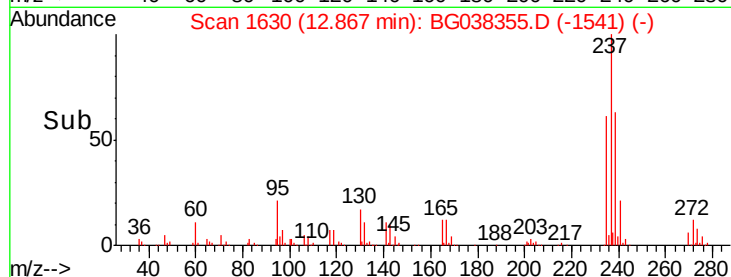
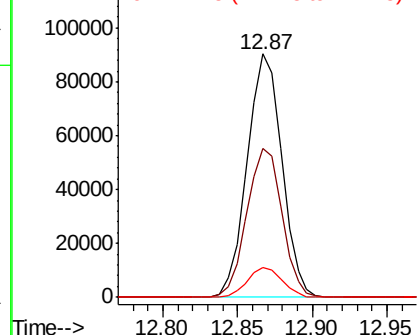
#41
Hexachlorocyclopentadiene
Concen: 94.784 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 145320
Ion Ratio Lower Upper
237 100
235 61.1 42.5 82.5
272 12.0 0.0 31.6

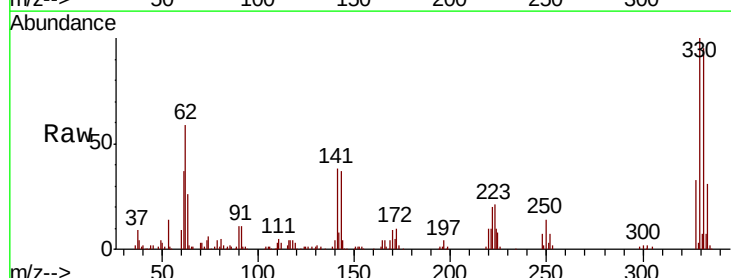


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

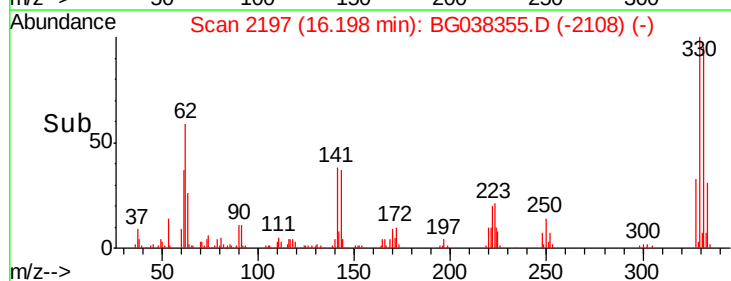
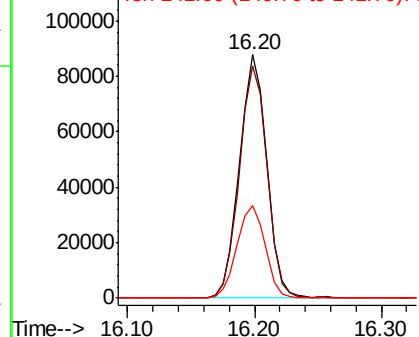


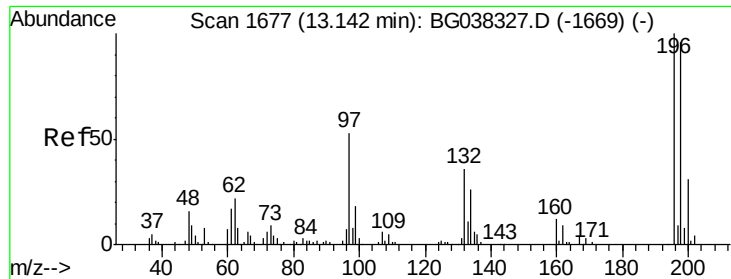
#42
2,4,6-Tribromophenol
Concen: 131.527 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:330 Resp: 130915
Ion Ratio Lower Upper
330 100
332 96.9 78.4 117.6
141 39.3 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

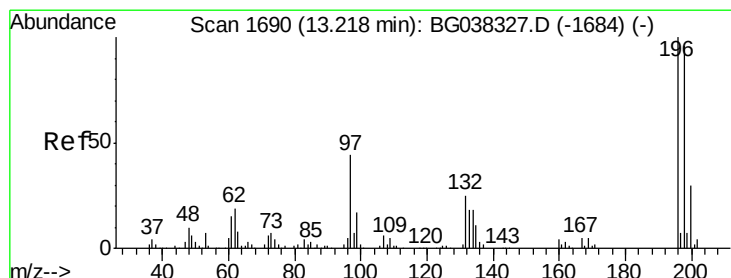
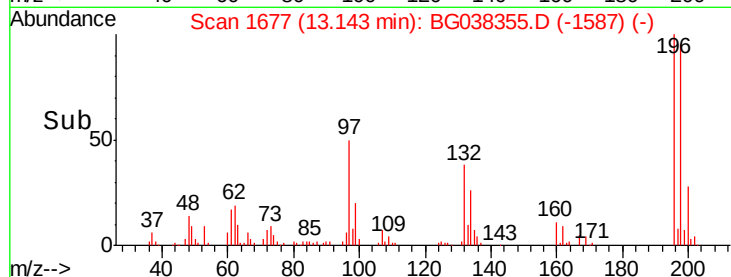
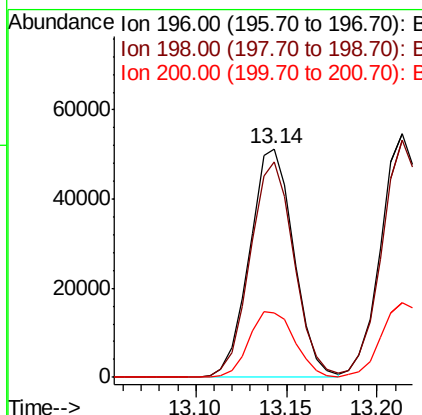
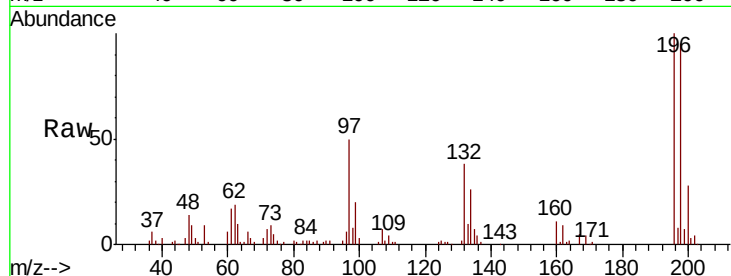




#43
 2,4,6-Trichlorophenol
 Concen: 47.957 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

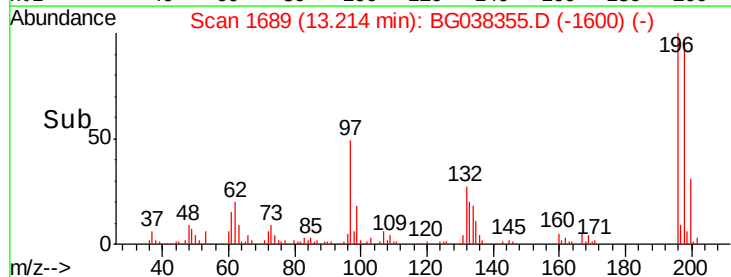
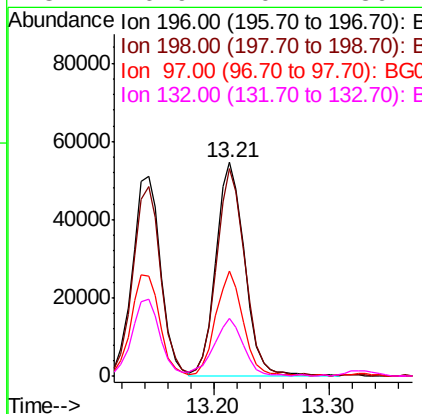
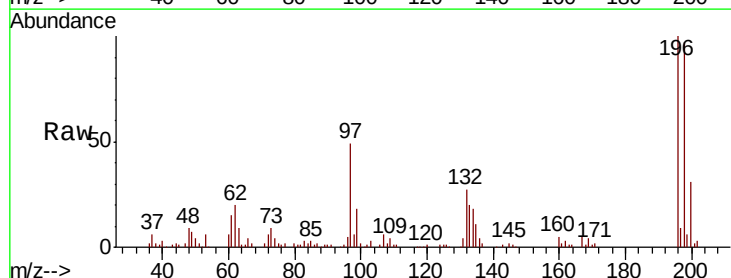
Instrument :
 BNA_G
 ClientSampled :

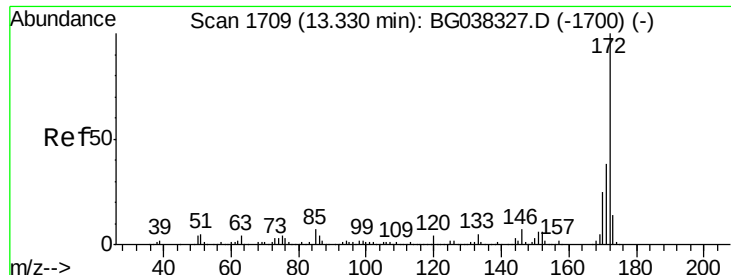
Tot Ion:196 Resp: 86671
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.4 114.6
 200 28.1 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 49.314 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:196 Resp: 94416
 Ion Ratio Lower Upper
 196 100
 198 97.3 74.2 111.2
 97 49.0 34.1 51.1
 132 26.9 20.2 30.4

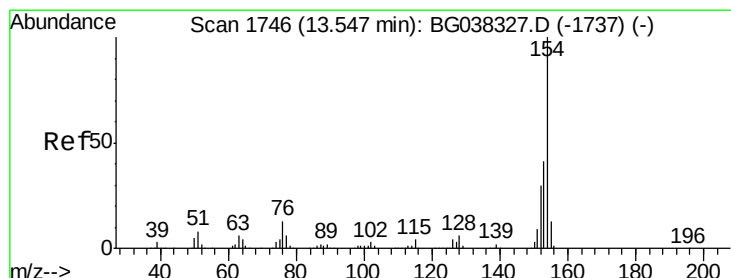
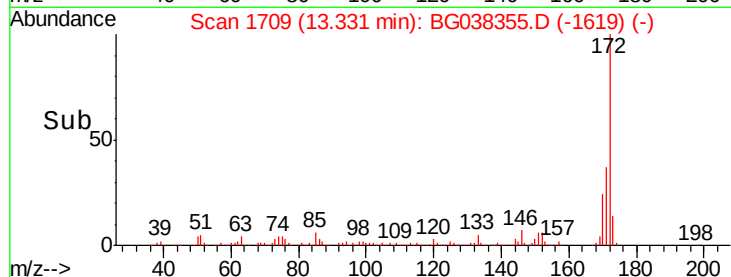
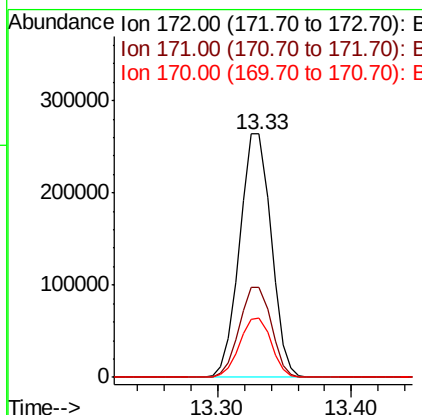
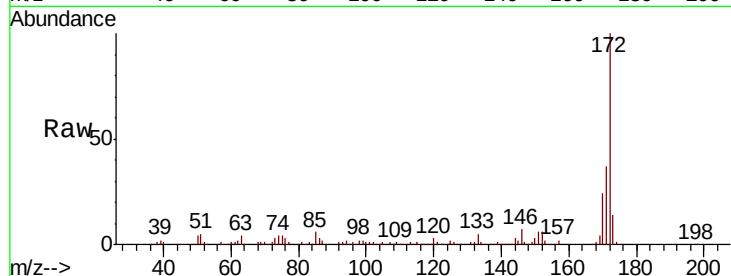




#45
2-Fluorobiphenyl
Concen: 75.912 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

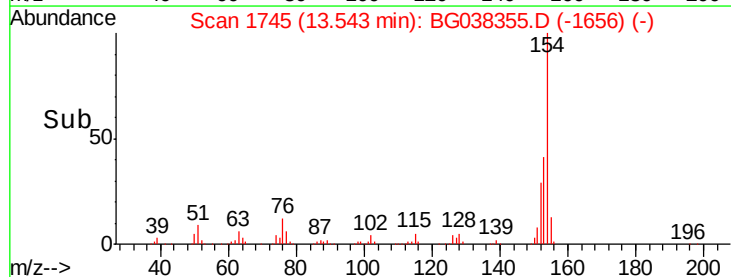
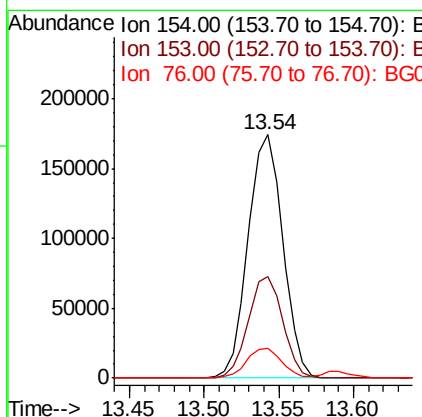
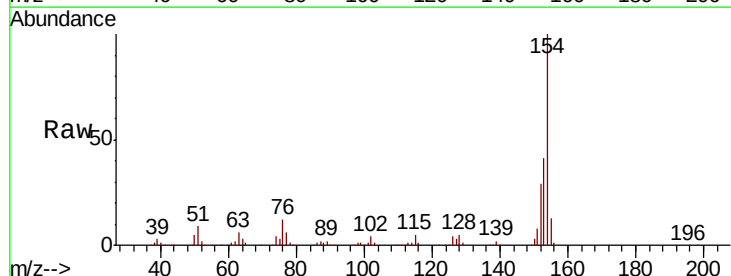
Instrument :
BNA_G
ClientSampleId :

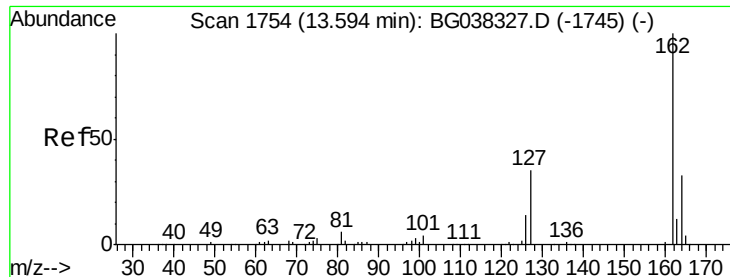
Tot Ion:172 Resp: 431947
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 40.874 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:154 Resp: 280130
Ion Ratio Lower Upper
154 100
153 41.5 22.1 62.1
76 12.2 0.0 33.2

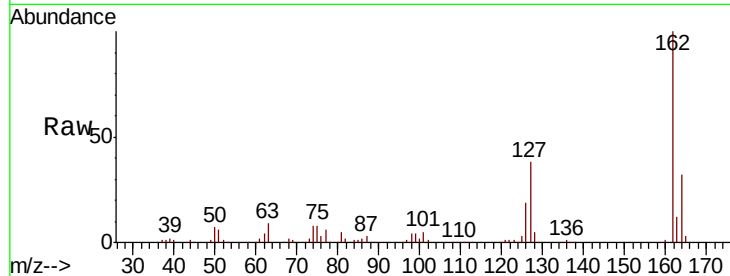




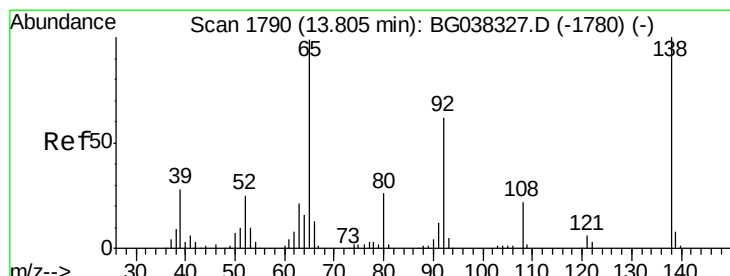
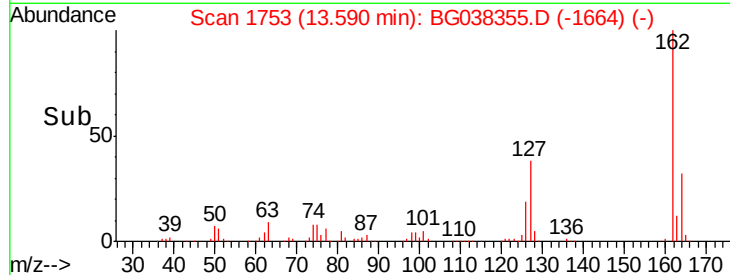
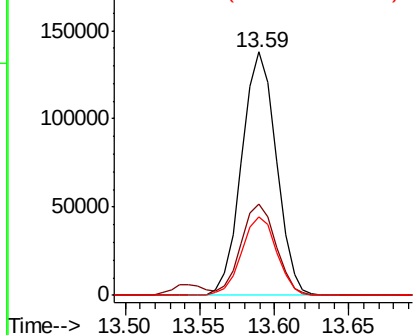
#47
 2-Chloronaphthalene
 Concen: 42.798 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 221335
 Ion Ratio Lower Upper
 162 100
 127 37.8 30.5 45.7
 164 32.0 26.4 39.6

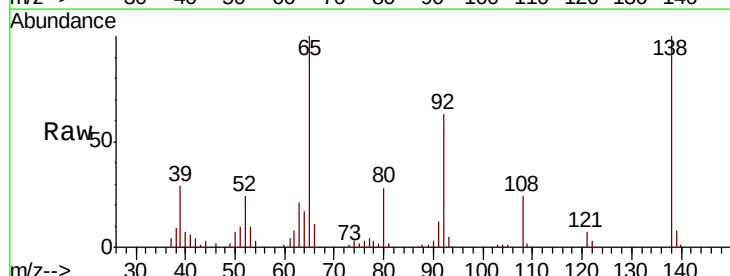


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

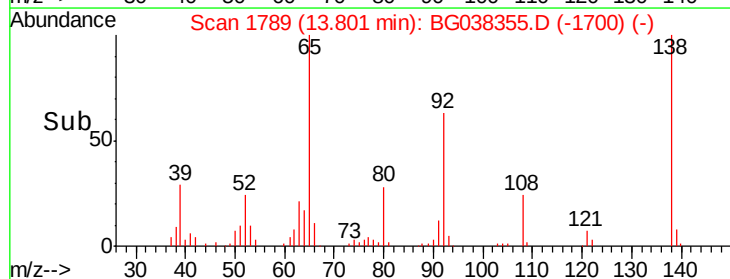
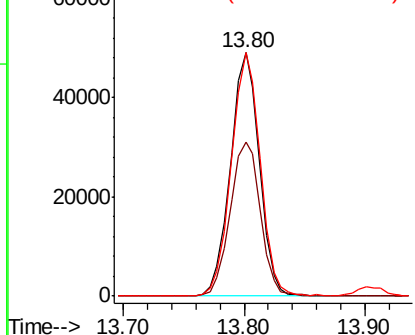


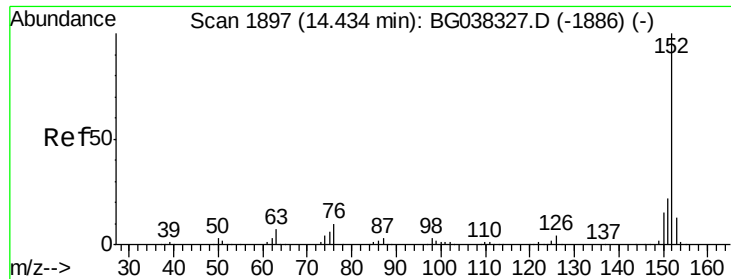
#48
 2-Nitroaniline
 Concen: 47.120 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion: 65 Resp: 81756
 Ion Ratio Lower Upper
 65 100
 92 63.2 53.2 79.8
 138 100.0 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: 48.154 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

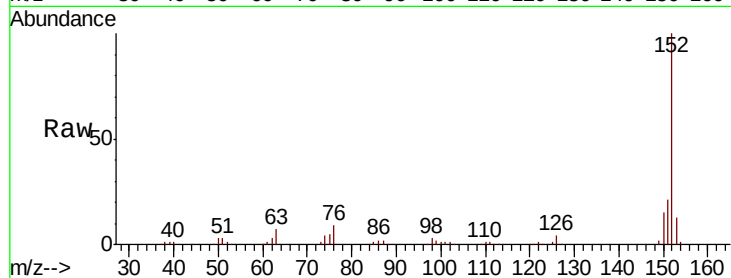
Tot Ion:152 Resp: 375068

Ion Ratio Lower Upper

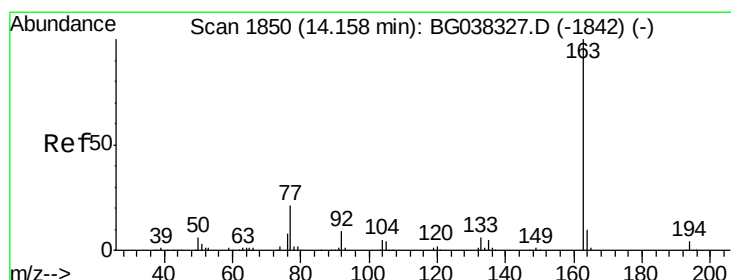
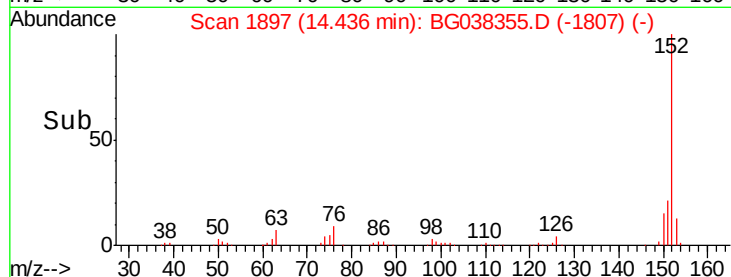
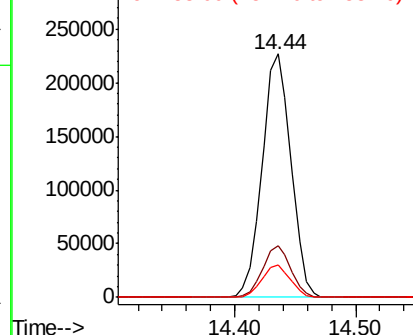
152 100

151 21.2 17.1 25.7

153 13.2 11.1 16.7



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



#50

Dimethylphthalate

Concen: 48.378 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

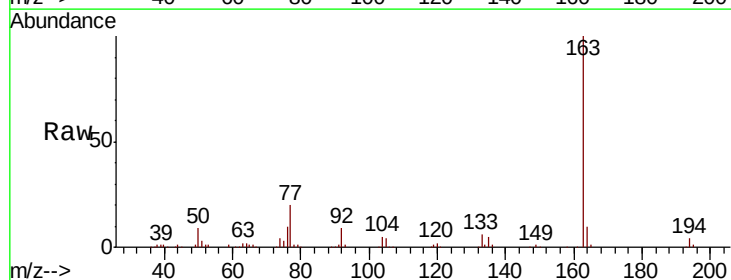
Tgt Ion:163 Resp: 314616

Ion Ratio Lower Upper

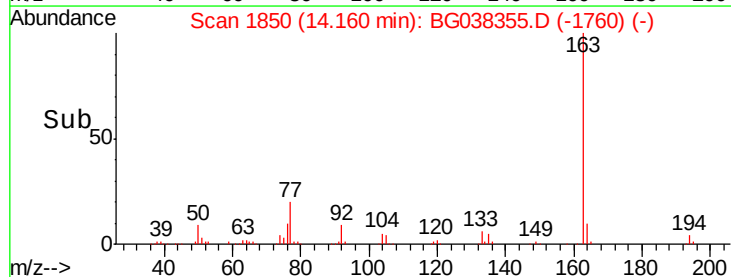
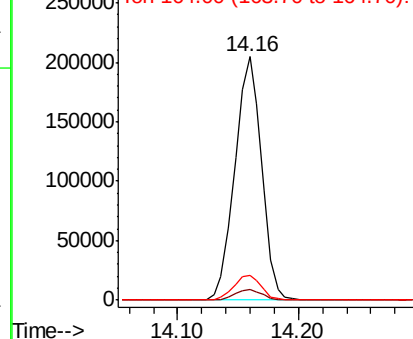
163 100

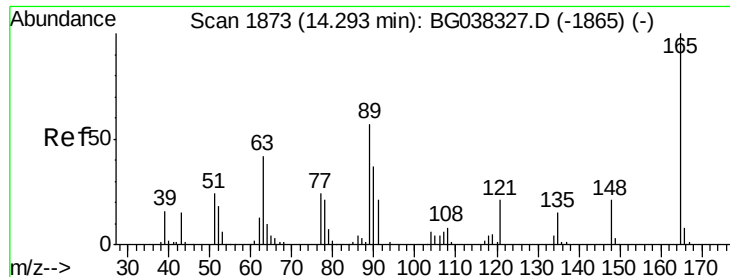
194 4.4 3.5 5.3

164 10.3 8.5 12.7



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

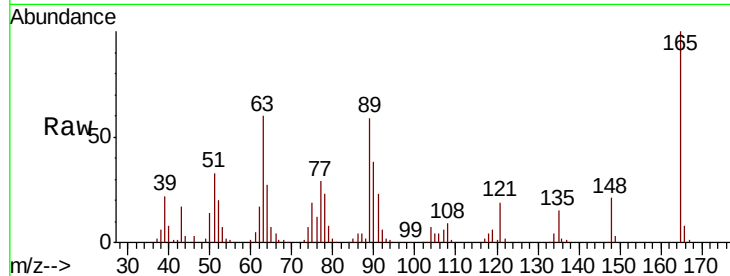




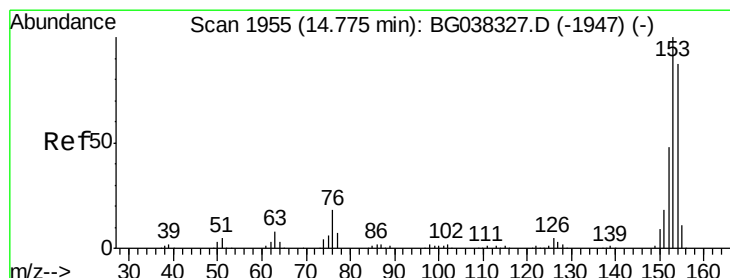
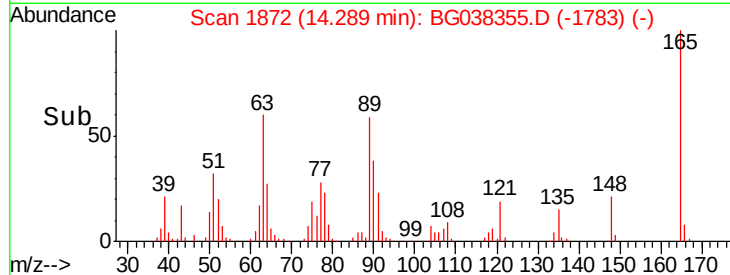
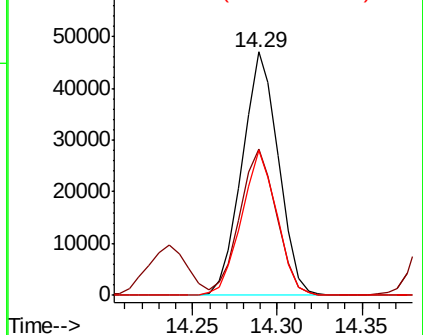
#51
 2,6-Dinitrotoluene
 Concen: 47.361 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 70357
 Ion Ratio Lower Upper
 165 100
 63 60.0 43.4 65.2
 89 59.5 45.8 68.6

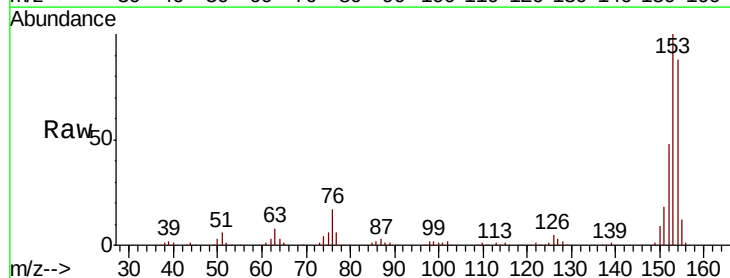


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

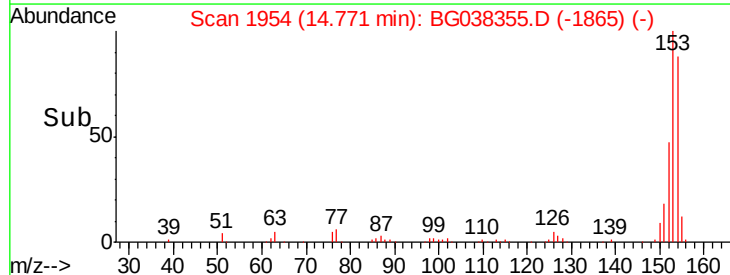
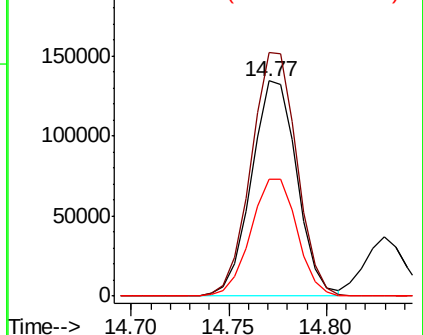


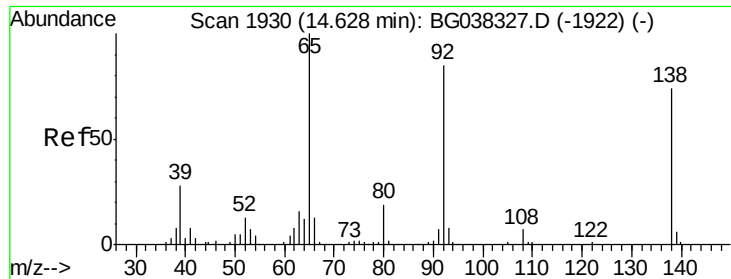
#52
 Acenaphthene
 Concen: 45.780 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:154 Resp: 217378
 Ion Ratio Lower Upper
 154 100
 153 113.0 93.4 140.0
 152 54.2 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 14.567 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampled :

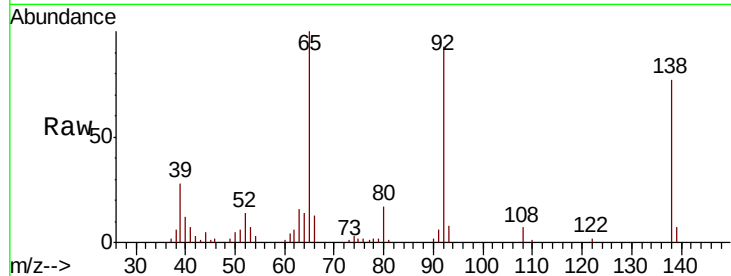
Tot Ion:138 Resp: 23306

Ion Ratio Lower Upper

138 100

108 8.9 11.0 16.6#

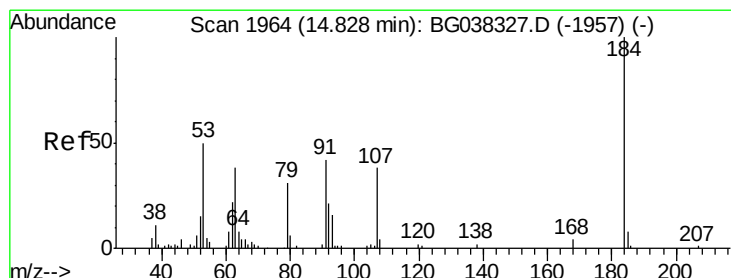
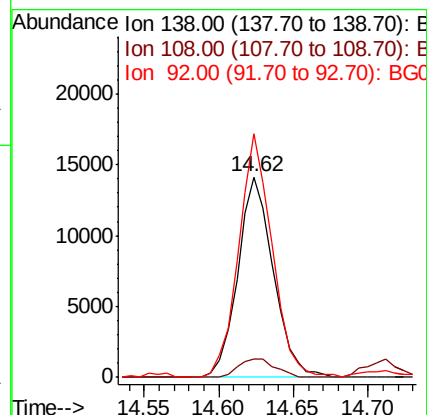
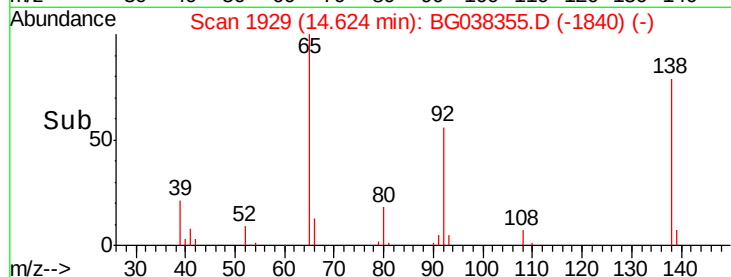
92 121.4 95.2 142.8



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: 112.695 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

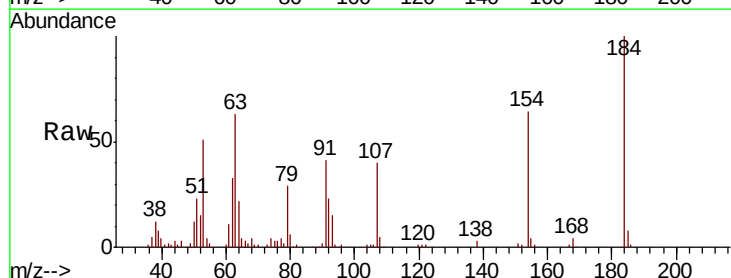
Tgt Ion:184 Resp: 91771

Ion Ratio Lower Upper

184 100

63 62.9 42.6 63.8

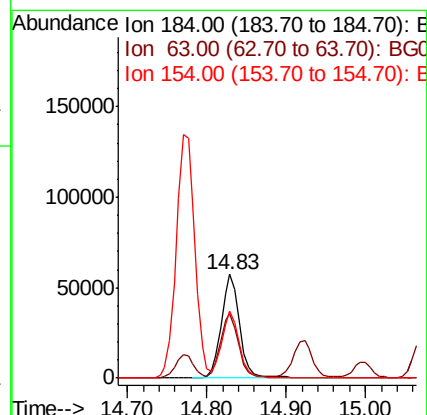
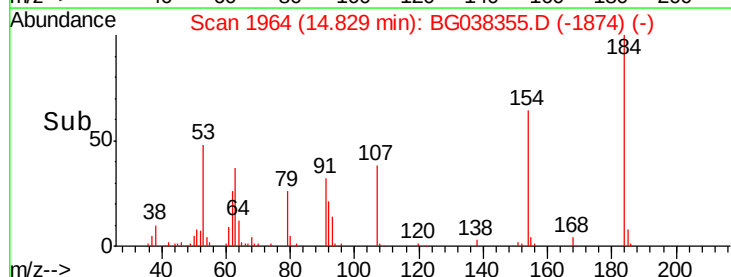
154 64.4 41.8 62.6#

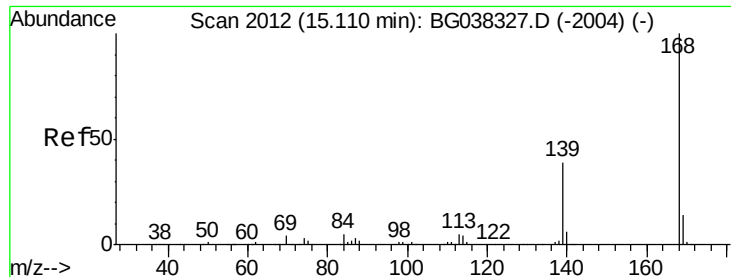


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

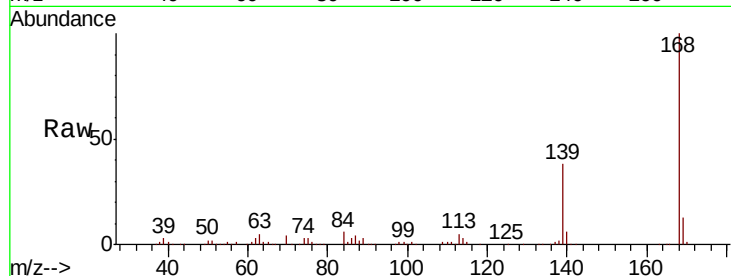




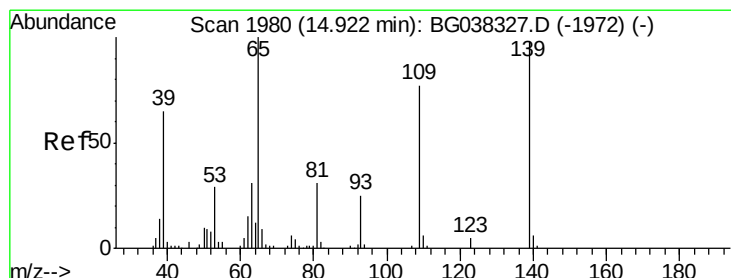
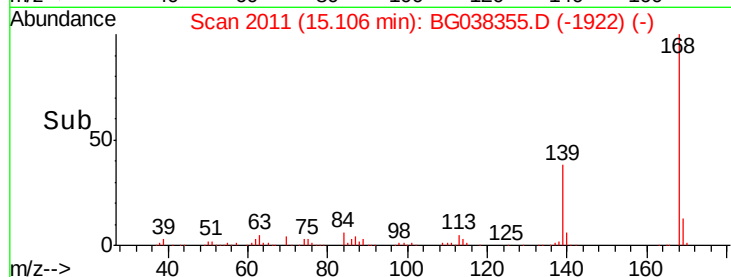
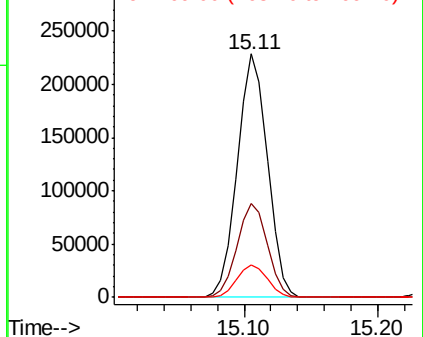
#55
Dibenzofuran
Concen: 45.301 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 355611
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.5 11.0 16.6

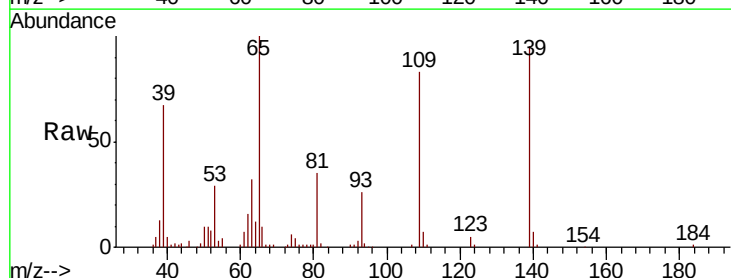


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

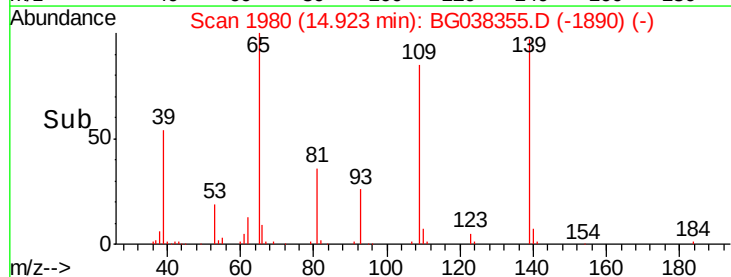
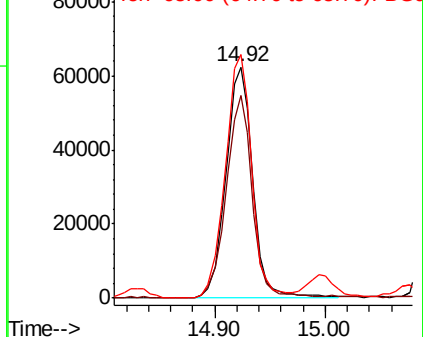


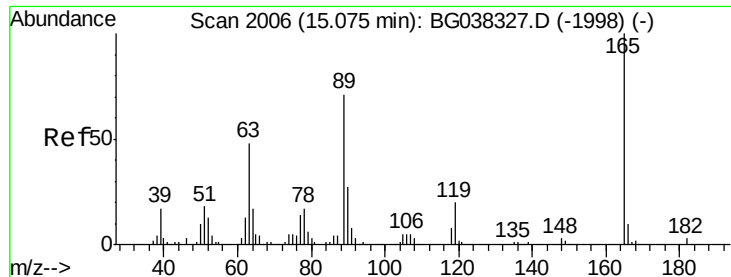
#56
4-Nitrophenol
Concen: 83.956 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:139 Resp: 106106
Ion Ratio Lower Upper
139 100
109 87.8 49.5 89.5
65 105.4 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

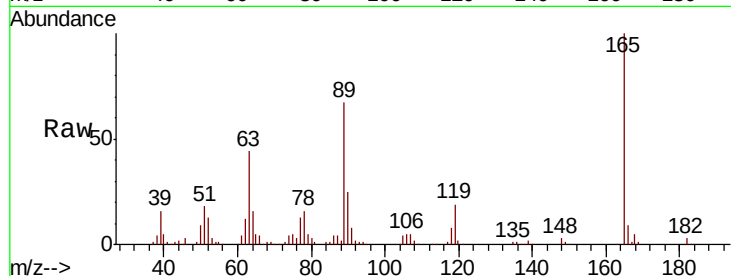




#57
2,4-Dinitrotoluene
Concen: 49.786 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	44.1	33.4	50.0
89	66.6	57.2	85.8
182	2.9	2.6	4.0



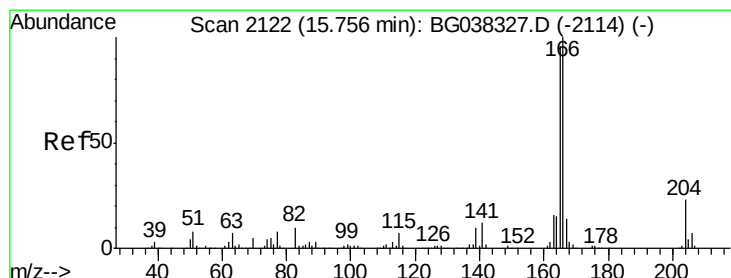
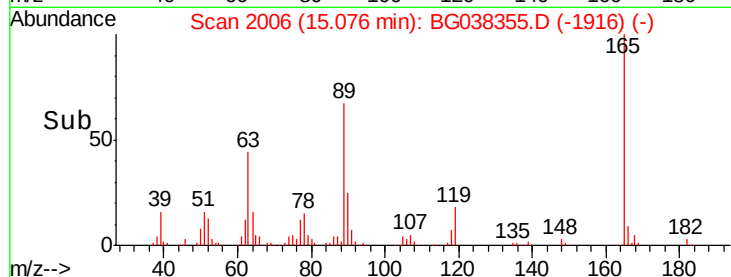
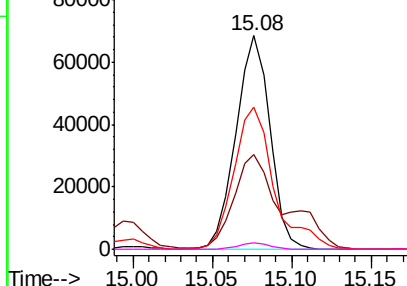
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

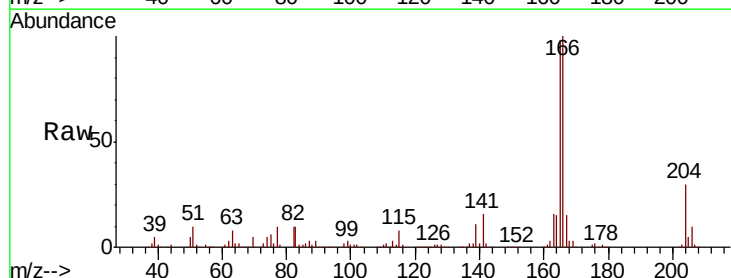
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 50.487 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.6	11.3	16.9

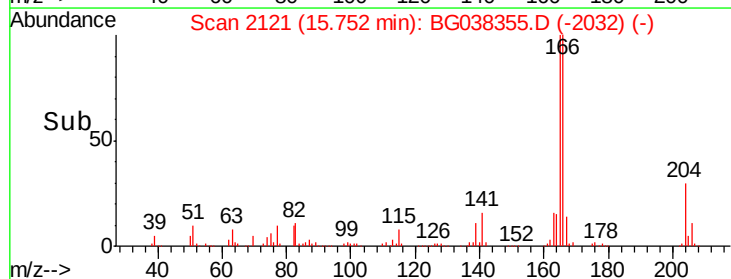
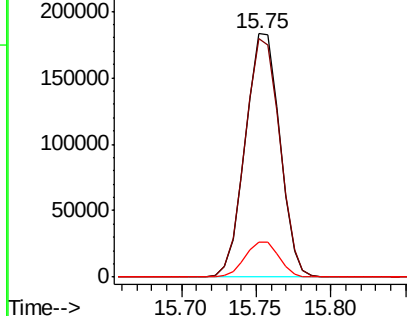


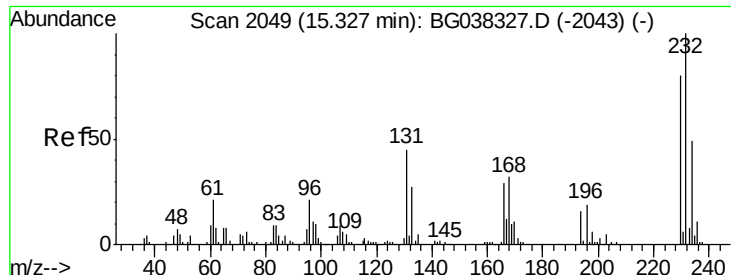
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

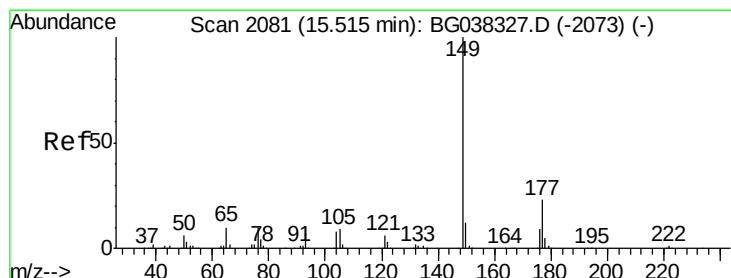
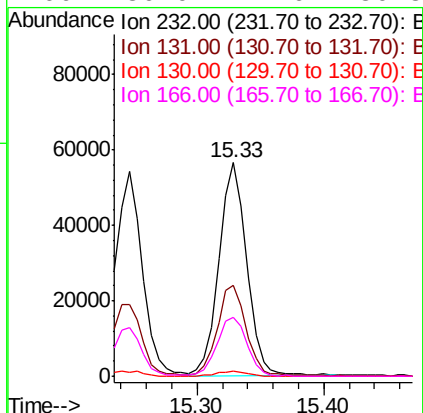
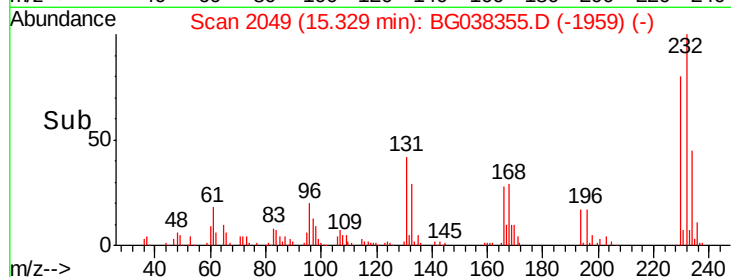
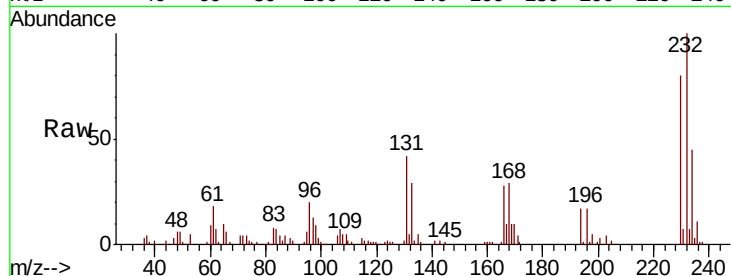




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.638 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

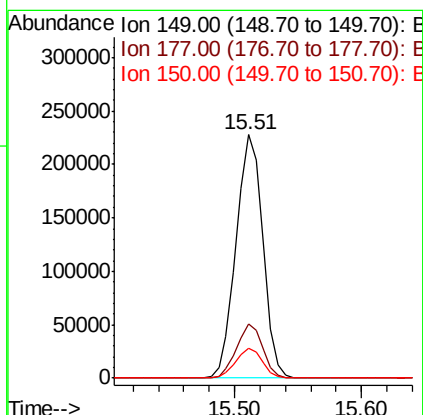
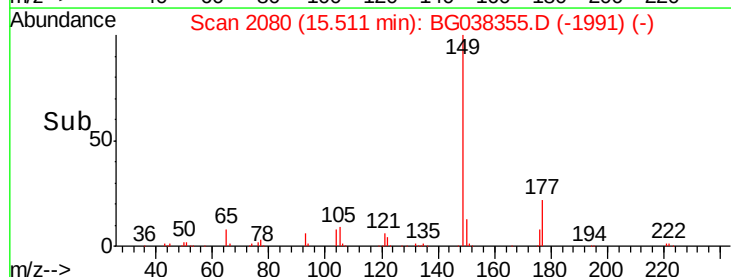
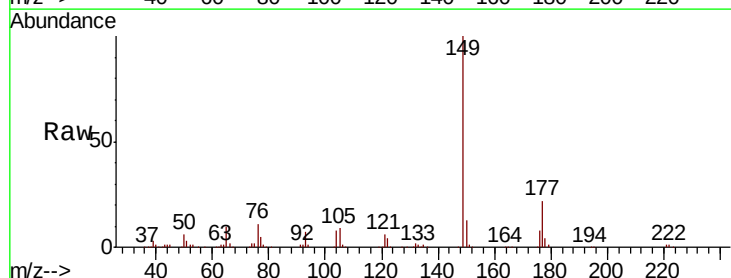
Instrument :
 BNA_G
 ClientSampleId :

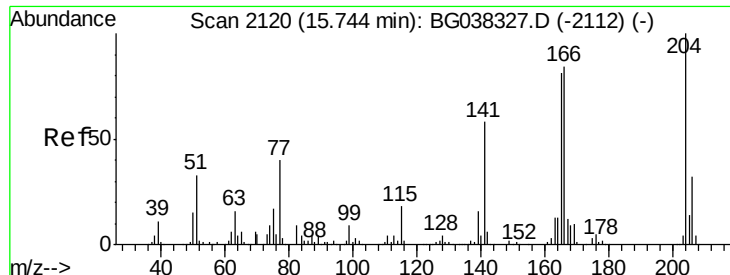
Tot Ion:232 Resp: 85866
 Ion Ratio Lower Upper
 232 100
 131 45.0 33.7 50.5
 130 2.5 2.1 3.1
 166 30.0 24.6 36.8



#60
 Diethylphthalate
 Concen: 45.912 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:149 Resp: 330790
 Ion Ratio Lower Upper
 149 100
 177 22.1 18.3 27.5
 150 12.5 10.0 15.0

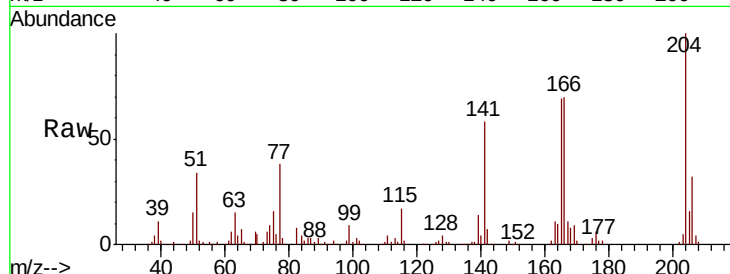




#61
4-Chlorophenyl-phenylether
Concen: 45.257 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	57.6	45.4	68.2

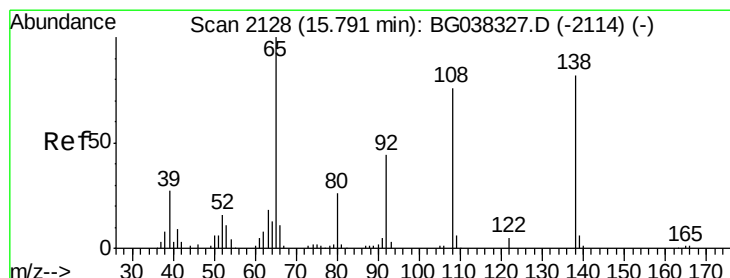
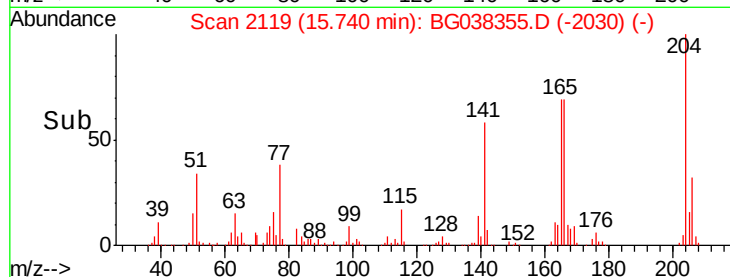
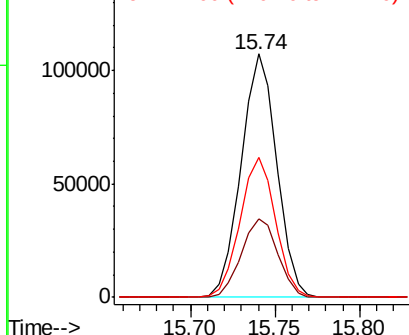


Abundance

Ion 204.00 (203.70 to 204.70): E

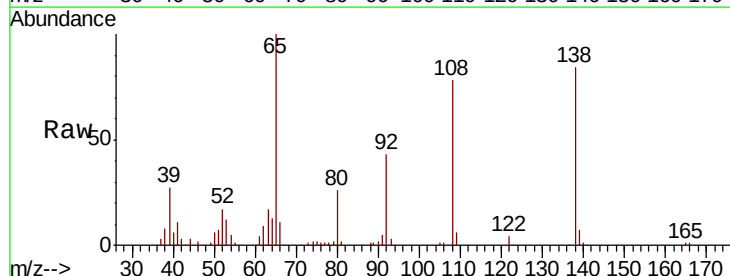
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 45.508 ng
RT: 15.79 min Scan# 2128
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.7	36.4	76.4
108	93.6	60.1	100.1

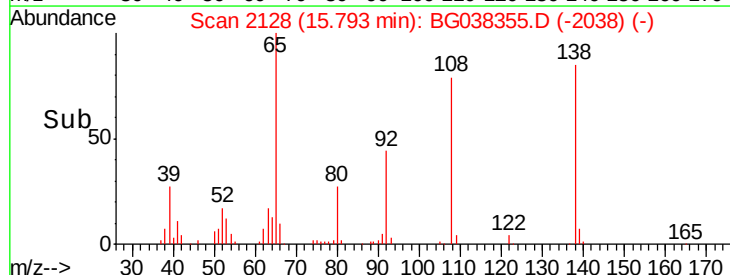
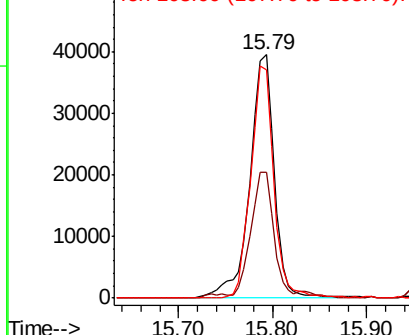


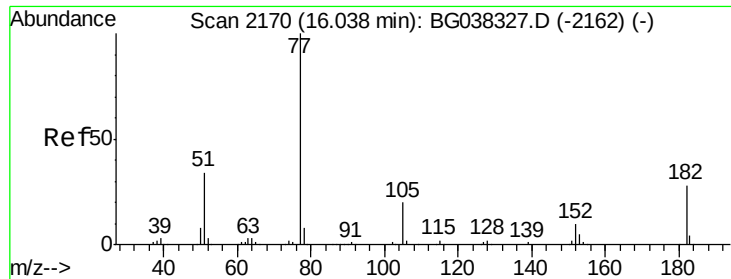
Abundance

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

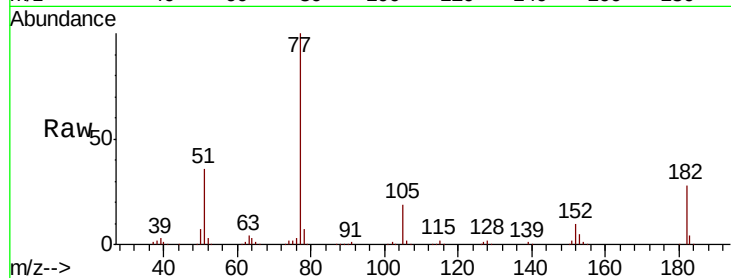




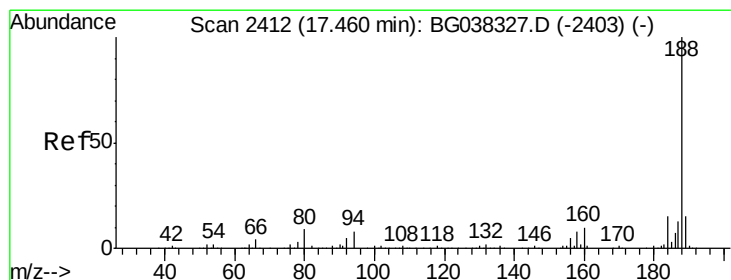
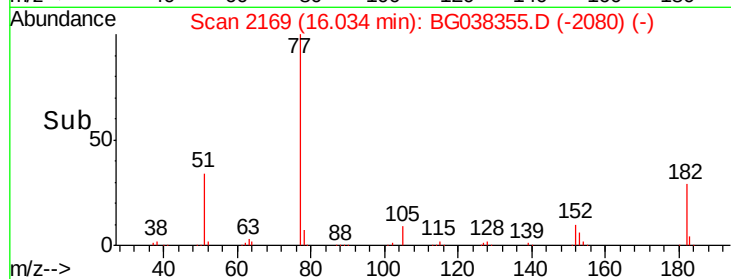
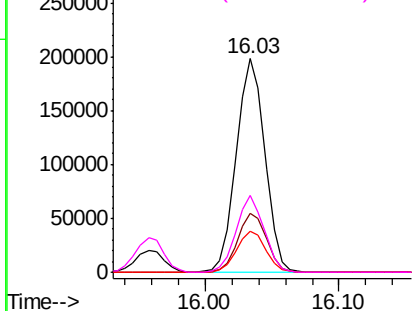
#63
Azobenzene
Concen: 46.590 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 293773
Ion Ratio Lower Upper
77 100
182 27.7 8.0 48.0
105 19.2 1.3 41.3
51 35.8 10.7 50.7

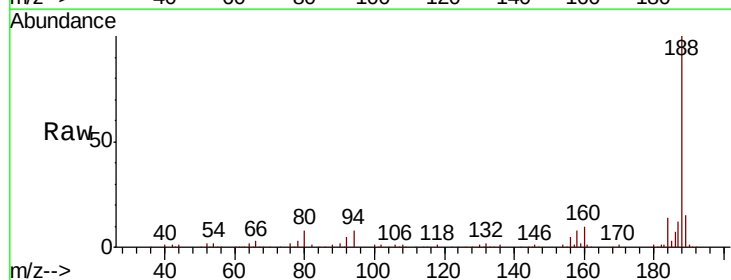


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

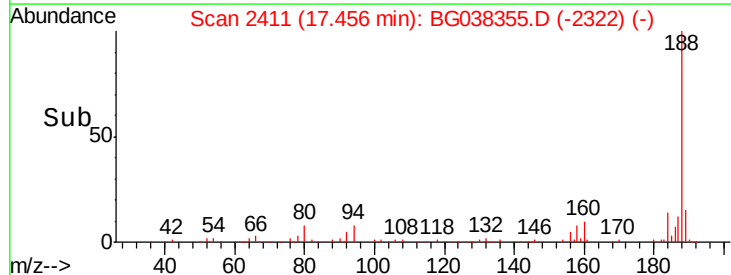
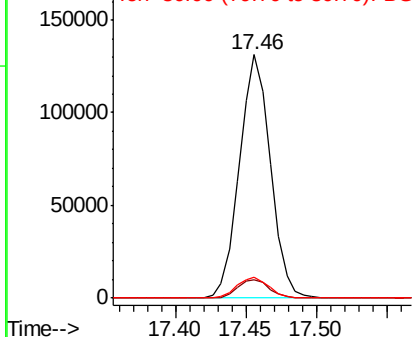


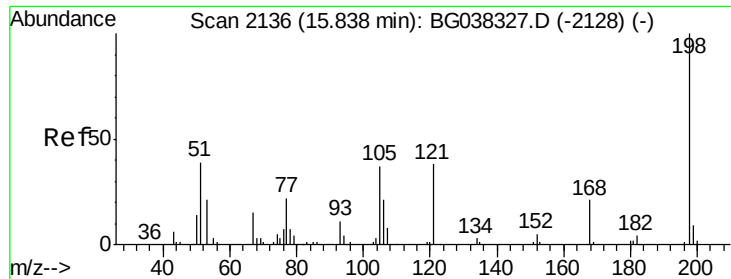
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion: 188 Resp: 201323
Ion Ratio Lower Upper
188 100
94 7.5 7.2 10.8
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.145 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

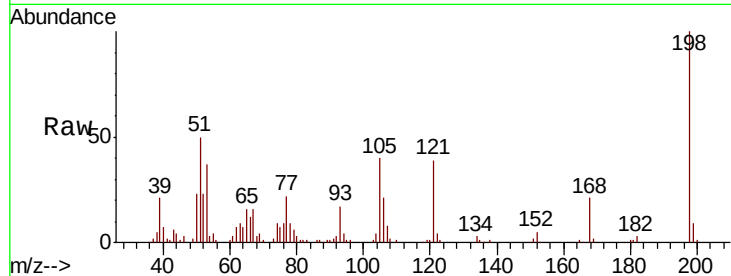
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 60869

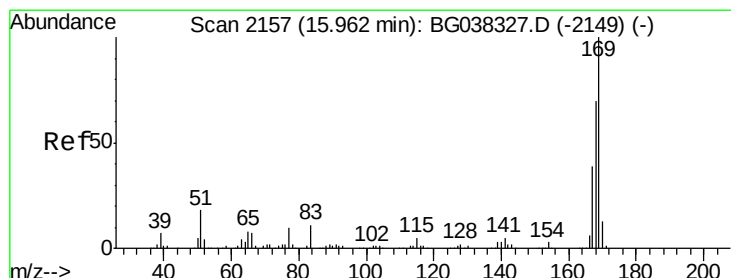
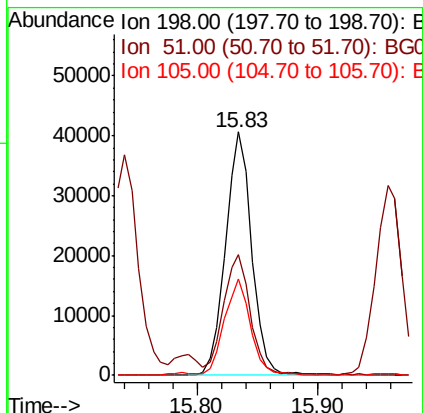
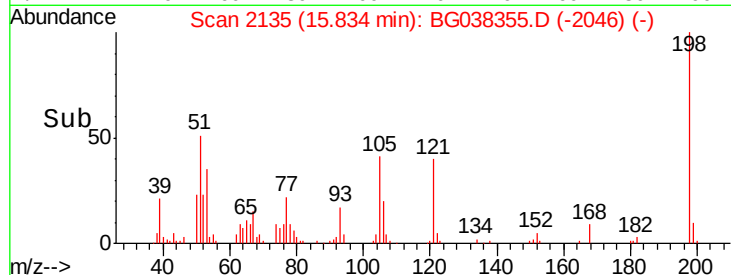
Ion	Ratio	Lower	Upper
198	100		
51	49.6	22.7	62.7
105	39.7	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG038327.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.448 ng

RT: 15.96 min Scan# 2156

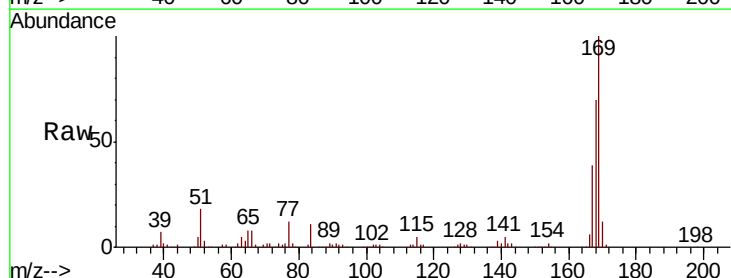
Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:169 Resp: 268615

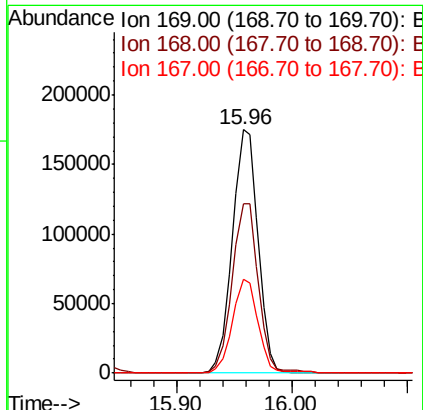
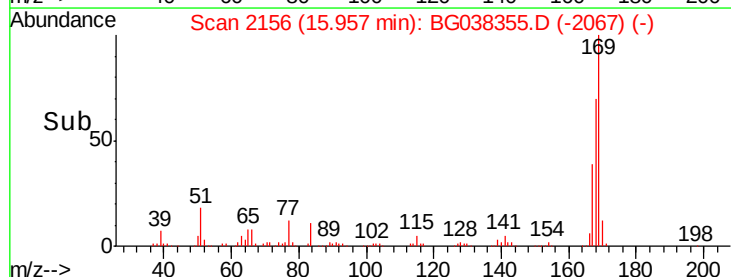
Ion	Ratio	Lower	Upper
169	100		
168	69.6	55.7	83.5
167	38.6	31.3	46.9

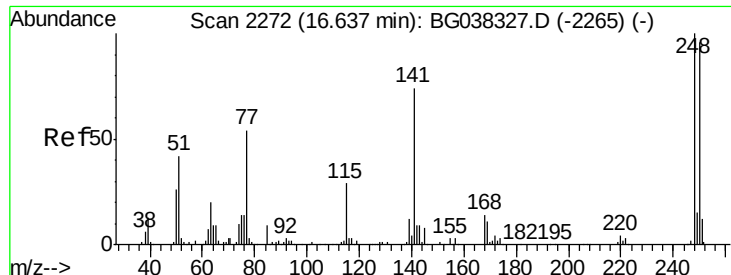


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

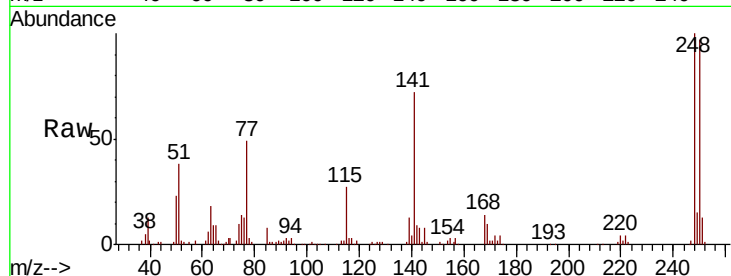




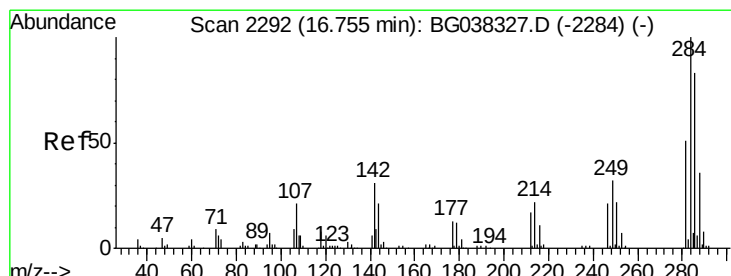
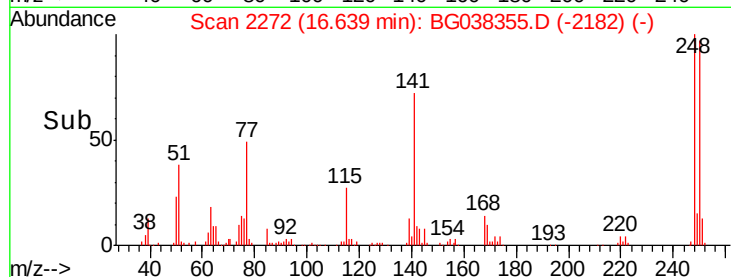
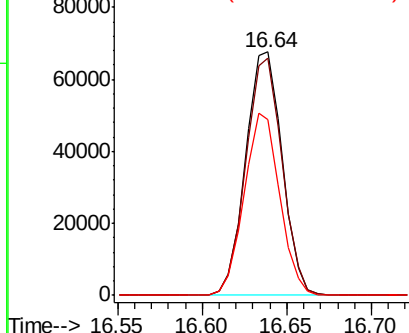
#67
 4-Bromophenyl-phenylether
 Concen: 46.756 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 101652
 Ion Ratio Lower Upper
 248 100
 250 97.3 77.0 115.6
 141 72.0 55.5 83.3

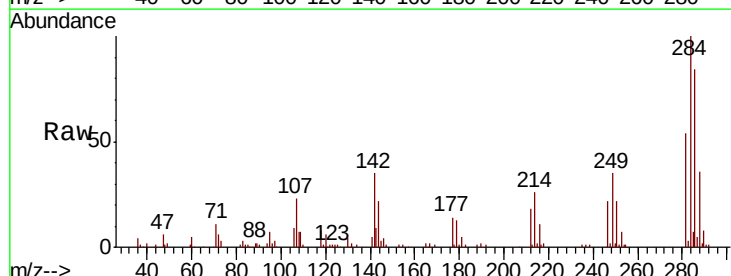


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

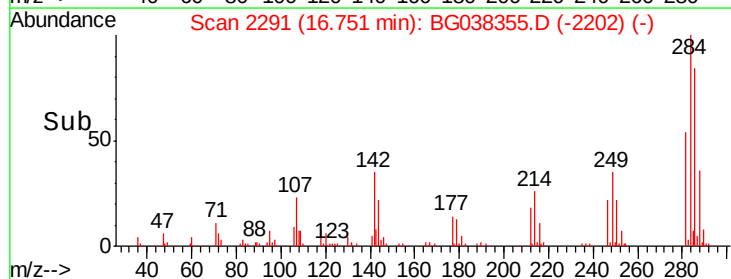
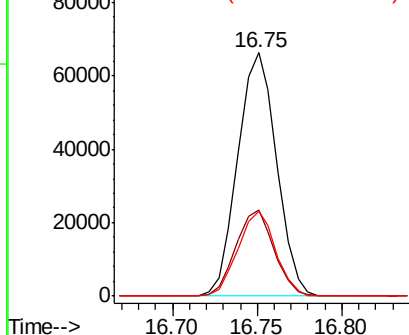


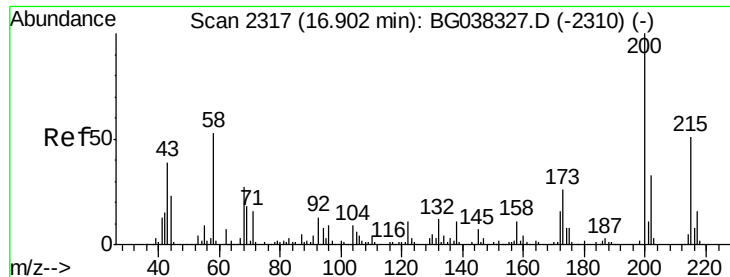
#68
 Hexachlorobenzene
 Concen: 47.255 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion:284 Resp: 105967
 Ion Ratio Lower Upper
 284 100
 142 35.3 28.1 42.1
 249 37.2 29.8 44.8



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

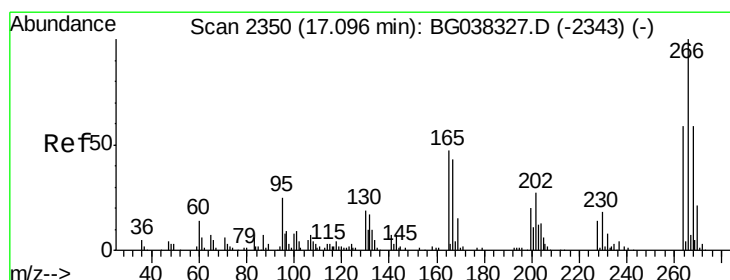
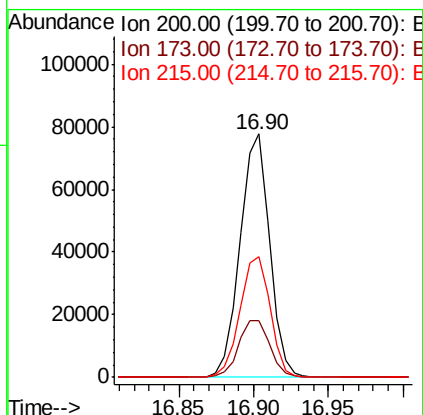
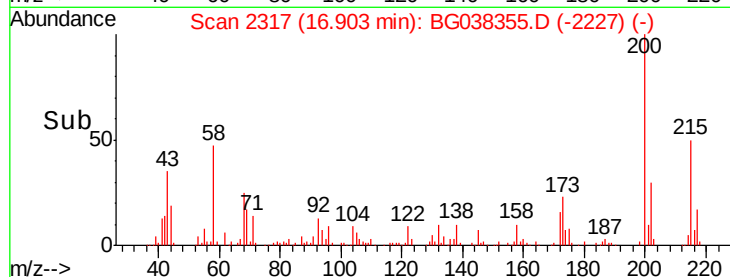
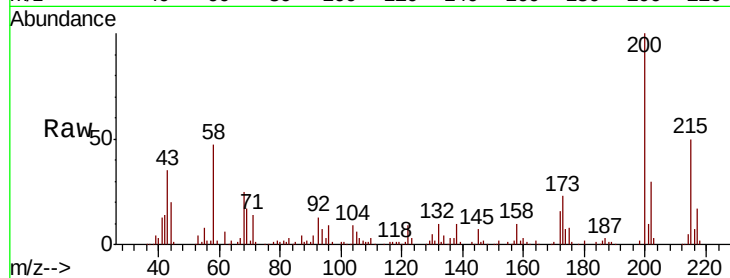




#69
Atrazine
Concen: 50.552 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

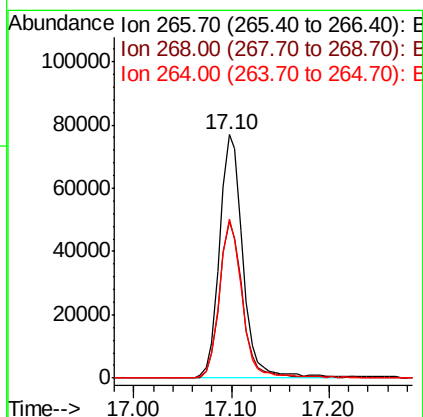
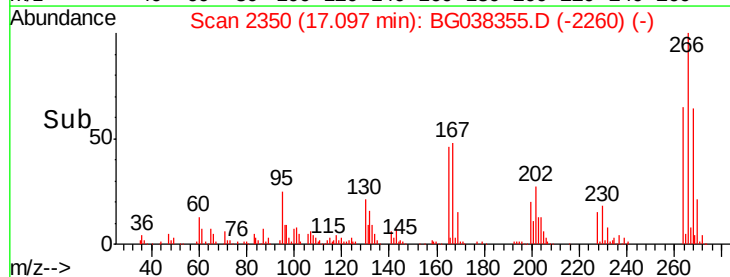
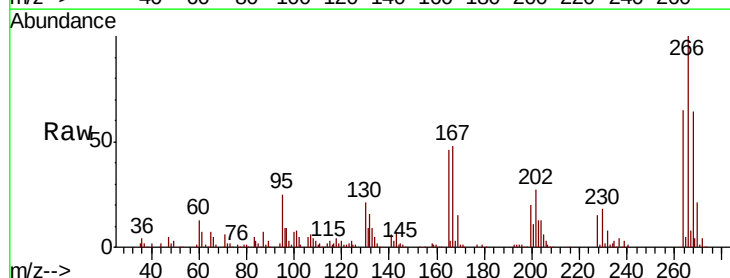
Instrument :
BNA_G
ClientSampled :

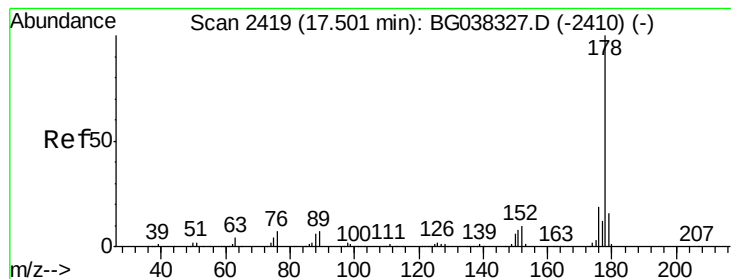
Tot Ion:200 Resp: 106790
Ion Ratio Lower Upper
200 100
173 23.4 6.1 46.1
215 49.7 30.8 70.8



#70
Pentachlorophenol
Concen: 82.974 ng
RT: 17.10 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:266 Resp: 127444
Ion Ratio Lower Upper
266 100
268 68.7 55.0 82.6
264 70.3 58.9 88.3





#71

Phenanthrene

Concen: 49.815 ng

RT: 17.50 min Scan# 2419

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

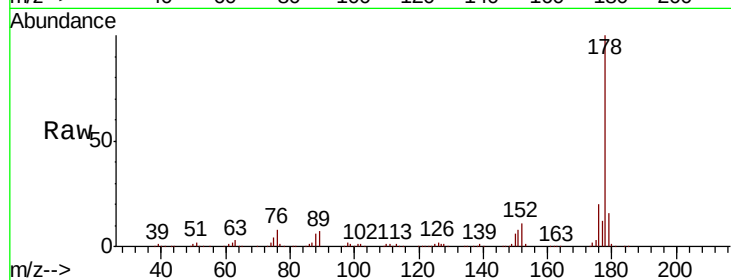
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 502239

Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.4	13.0	19.4

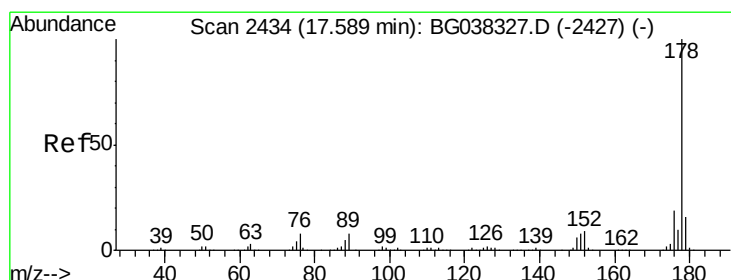
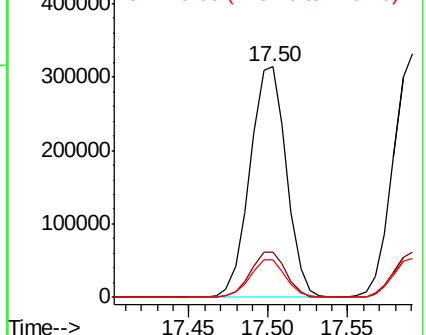
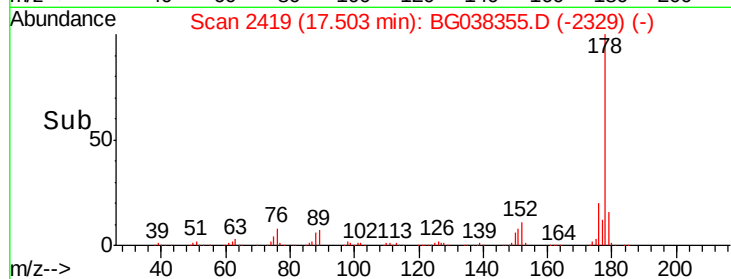


Abundance

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: 52.608 ng

RT: 17.59 min Scan# 2434

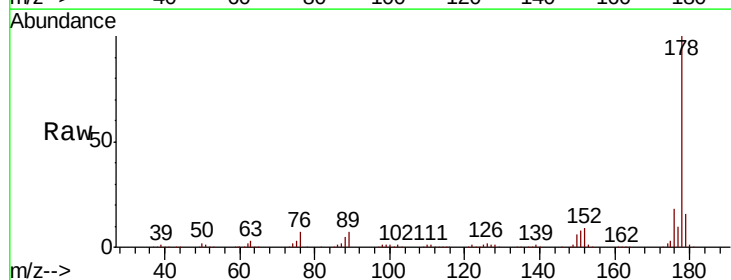
Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Tgt Ion:178 Resp: 513639

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.4
179	16.1	12.8	19.2

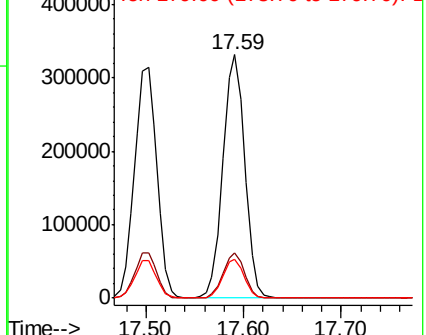
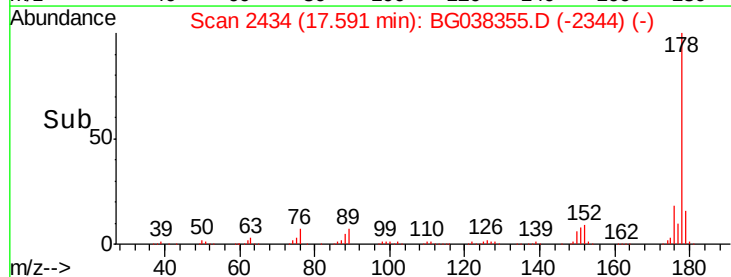


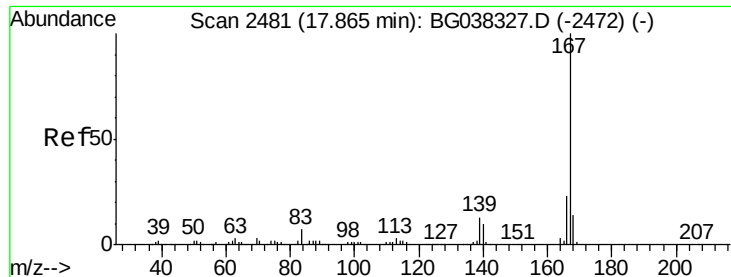
Abundance

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

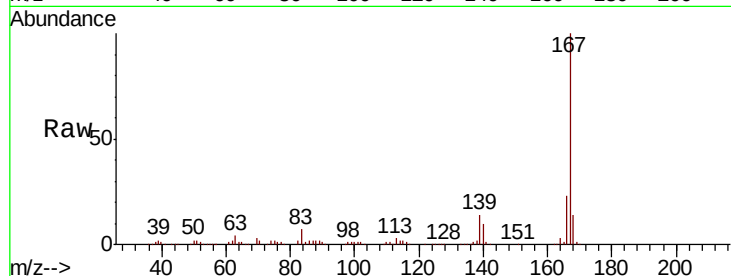




#73
 Carbazole
 Concen: 47.547 ng
 RT: 17.86 min Scan# 2480
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.3	27.5
139	13.6	10.5	15.7

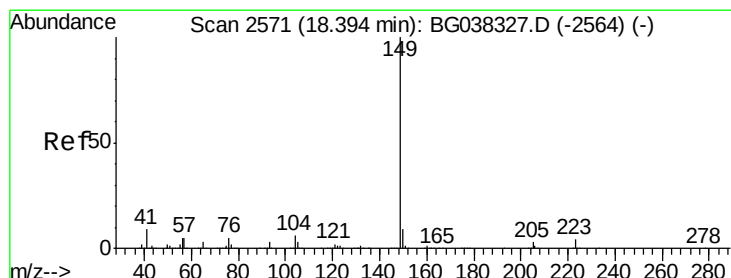
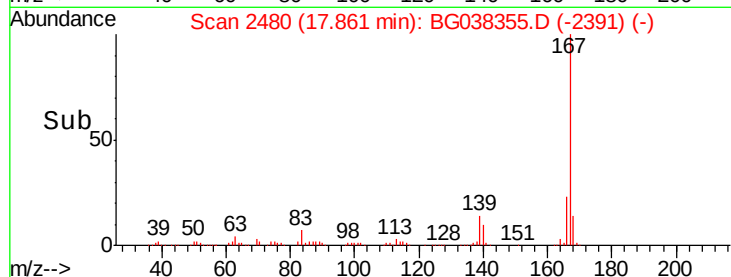
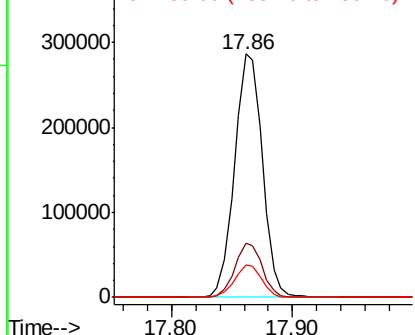


Abundance

Ion 167.00 (166.70 to 167.70): E

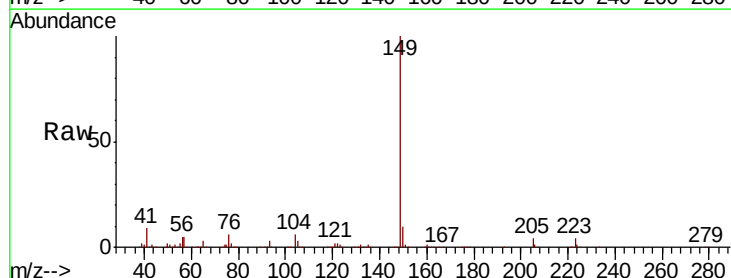
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 48.501 ng
 RT: 18.40 min Scan# 2571
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.8	4.0	6.0

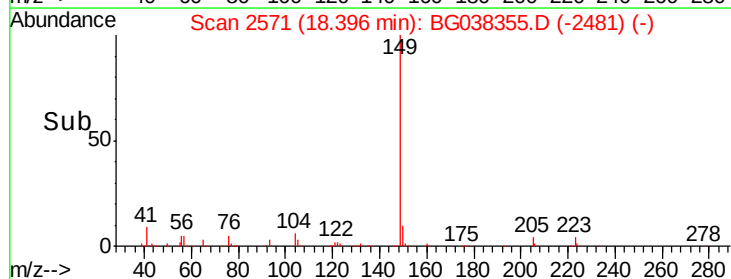
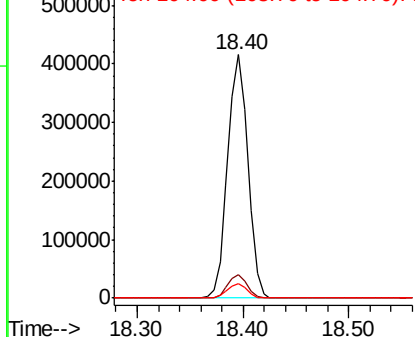


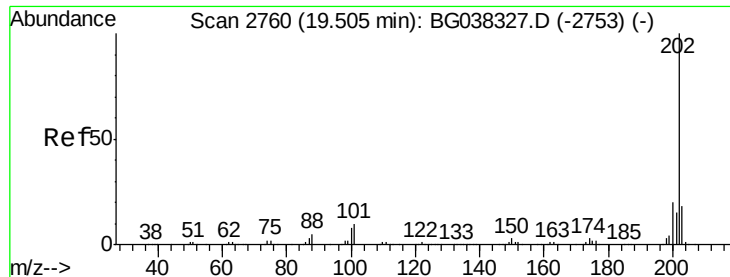
Abundance

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

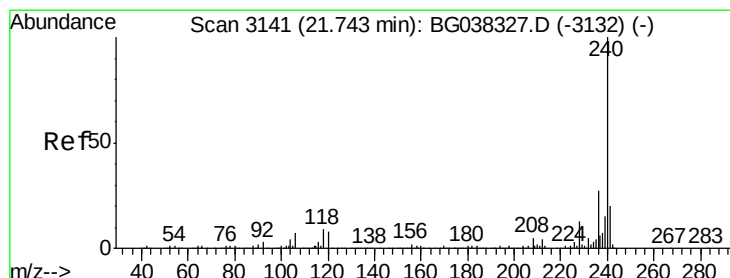
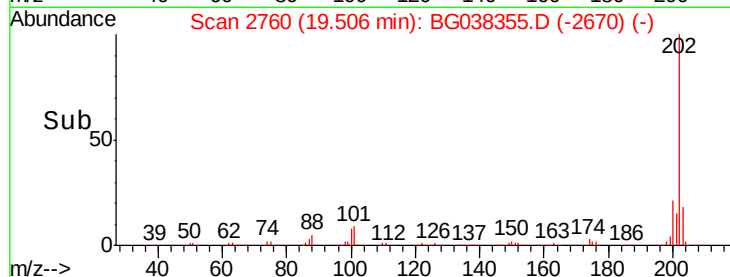
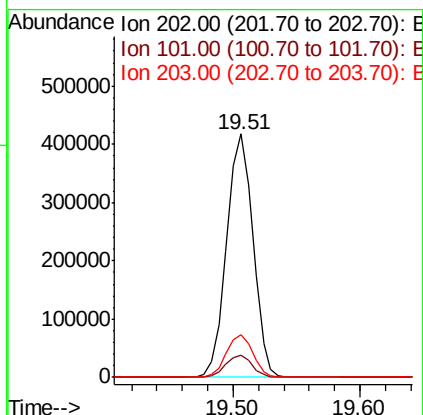
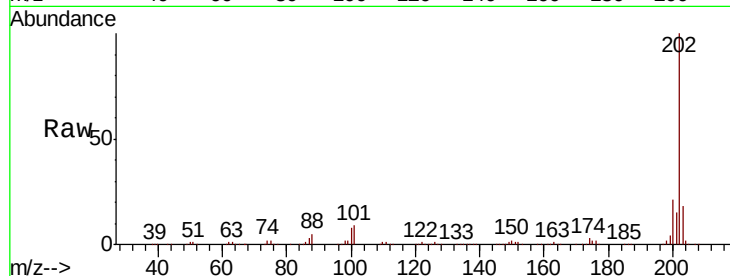




#75
 Fluoranthene
 Concen: 51.102 ng
 RT: 19.51 min Scan# 2760
 Delta R.T. 0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

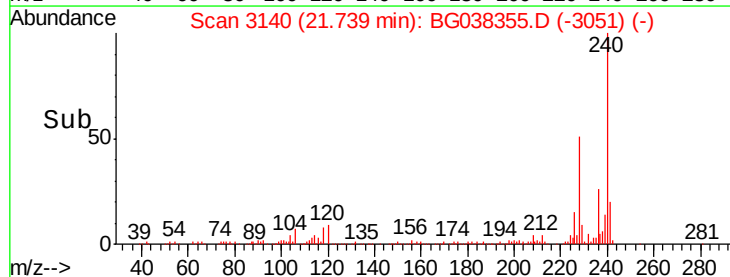
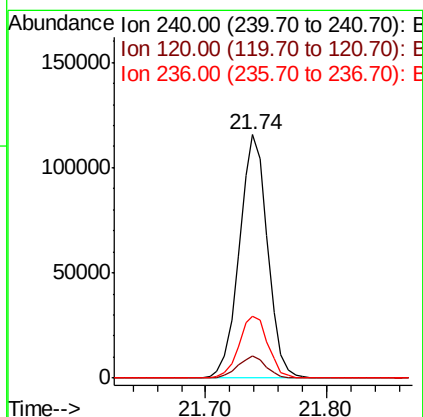
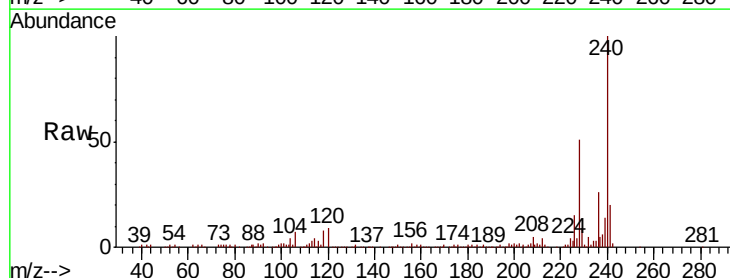
Instrument :
 BNA_G
 ClientSampled :

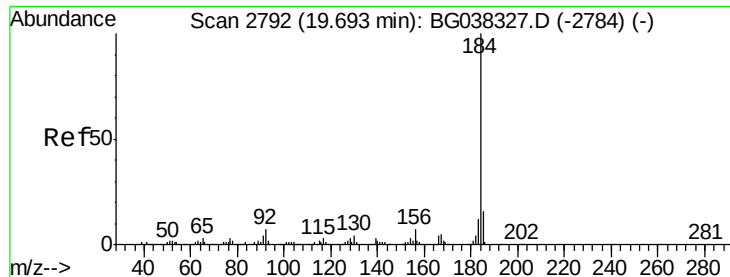
Tot Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	30.7
203	17.6	0.0	38.5



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG038355.D
 Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.2	8.1	12.1
236	25.5	21.4	32.0





#77

Benzidine

Concen: 5.961 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

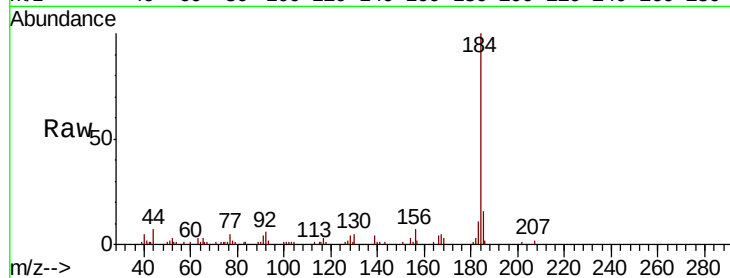
Tot Ion:184 Resp: 37755

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

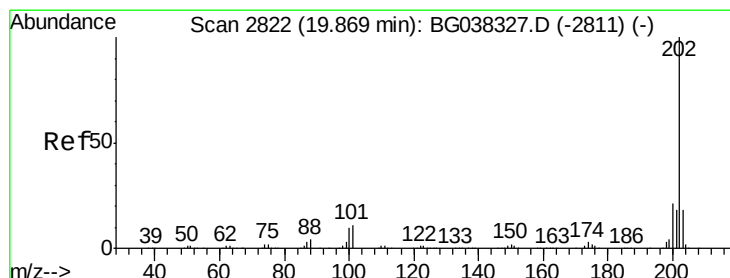
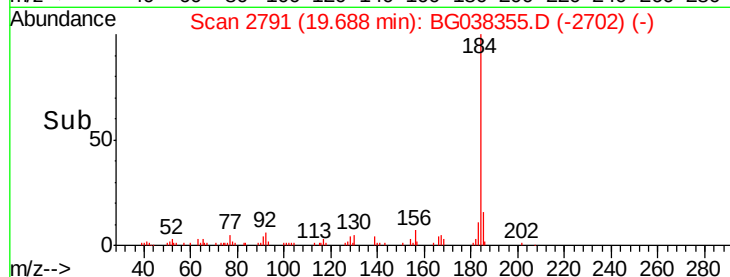
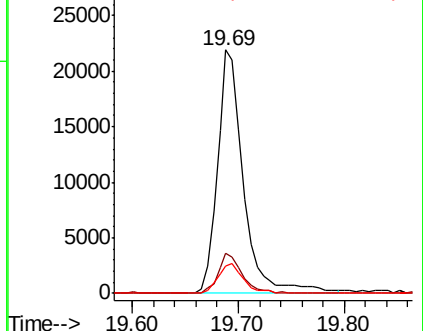
183 11.2 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.900 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

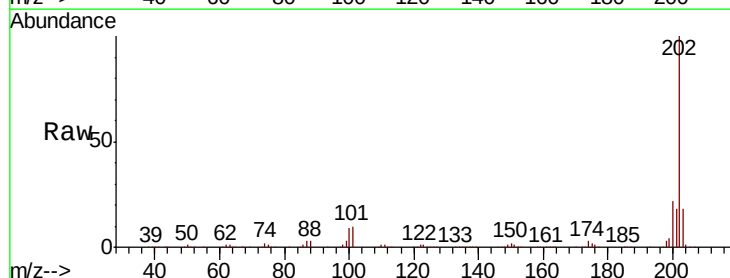
Tgt Ion:202 Resp: 602738

Ion Ratio Lower Upper

202 100

200 21.6 17.8 26.6

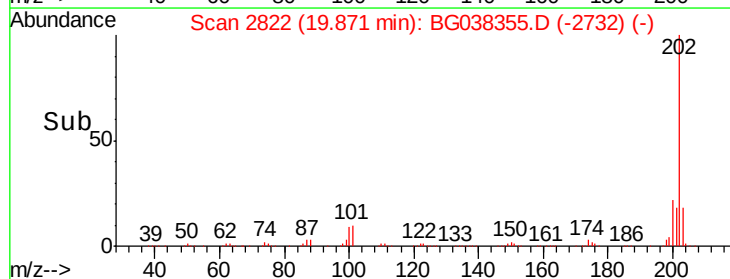
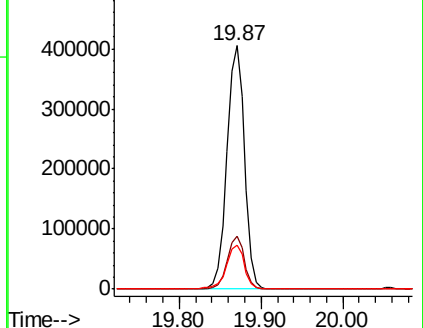
203 18.1 15.2 22.8

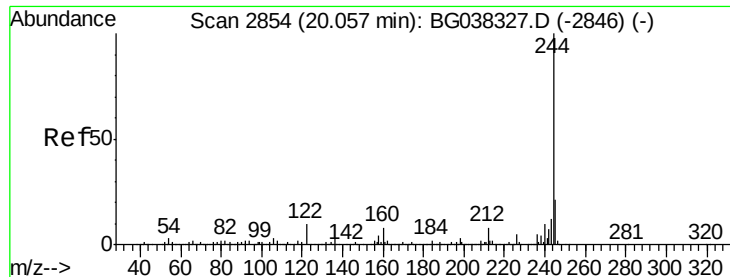


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 86.602 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038355.D

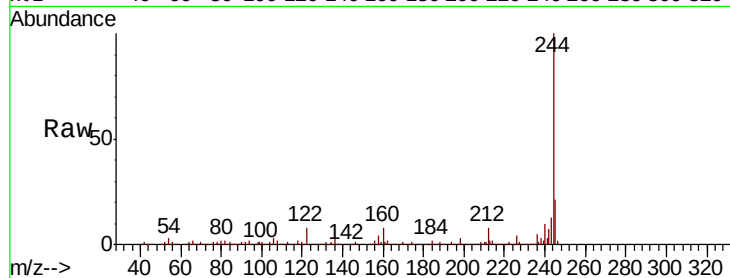
Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

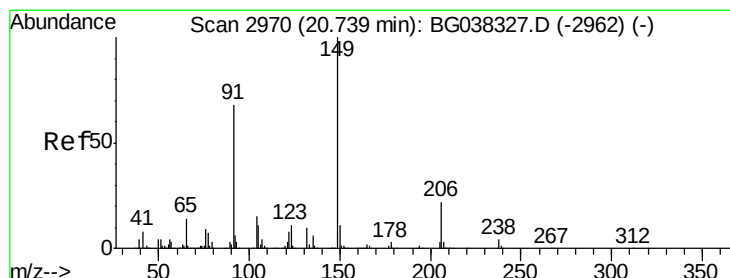
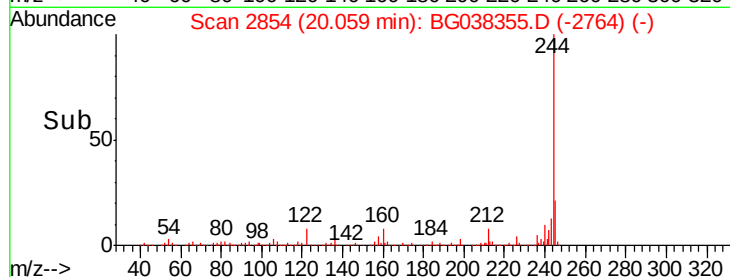
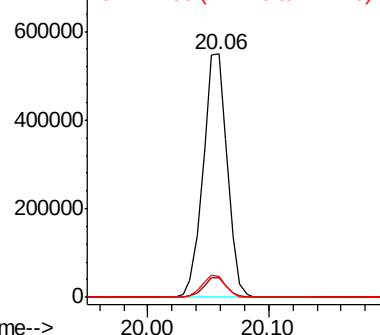
Tot Ion:	244	Resp:	758709
Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.5	9.7
122	8.5	9.0	13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.782 ng

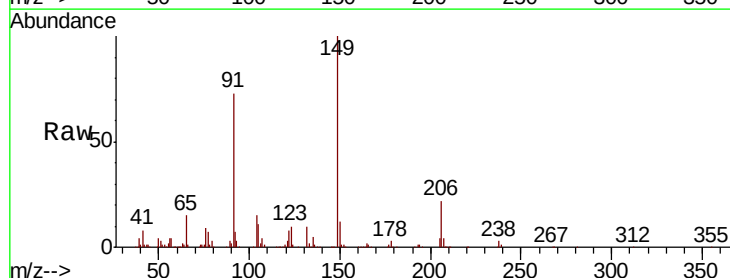
RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

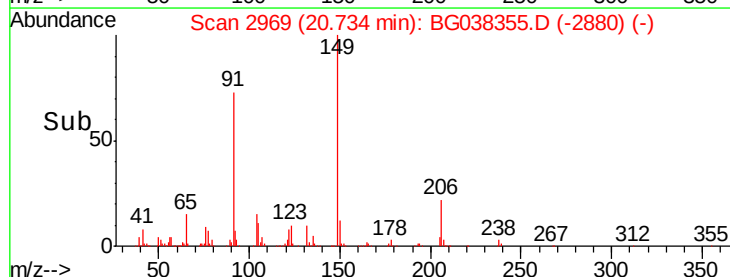
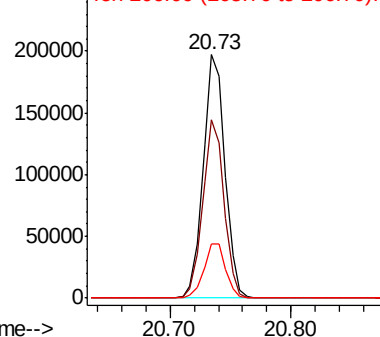
Tgt Ion:	149	Resp:	247083
Ion	Ratio	Lower	Upper
149	100		
91	73.3	57.0	85.4
206	22.5	17.8	26.6

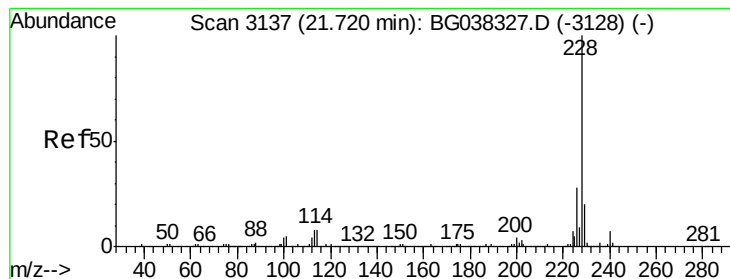


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.655 ng

RT: 21.72 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampleId :

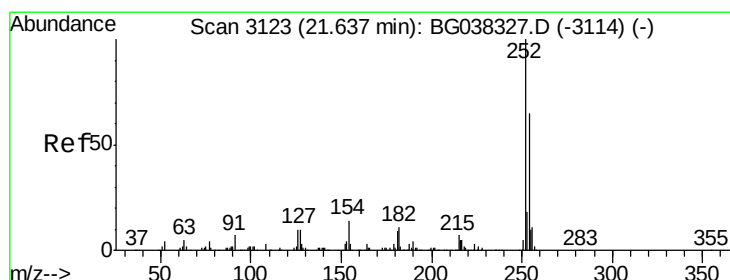
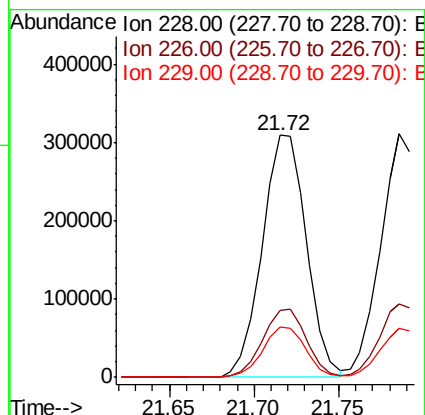
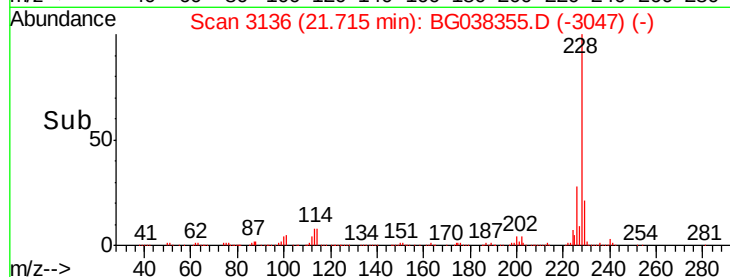
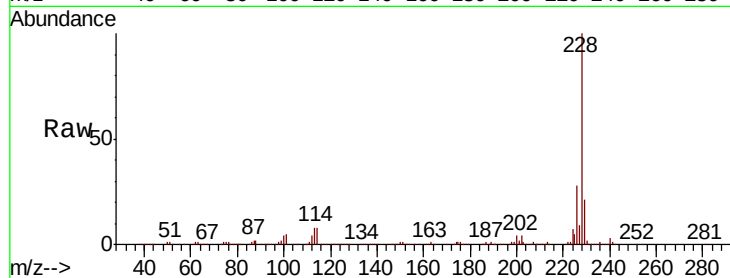
Tot Ion:228 Resp: 561234

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

229 20.6 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 18.733 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

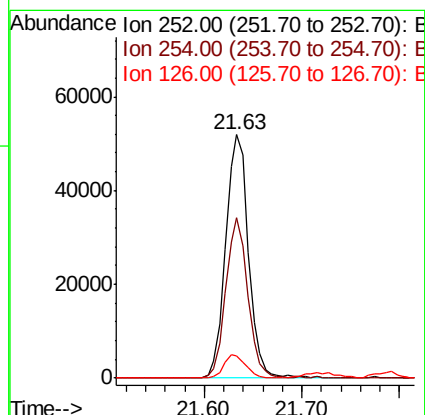
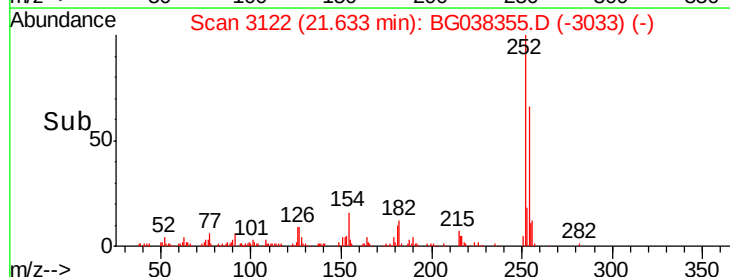
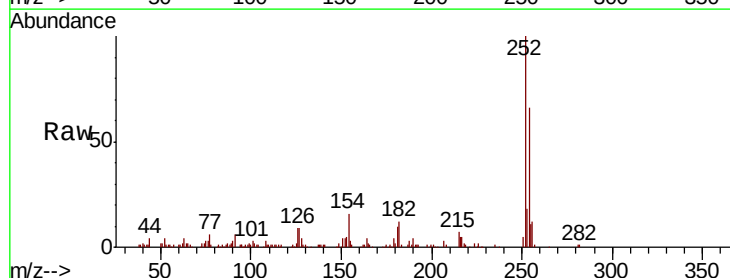
Tgt Ion:252 Resp: 84059

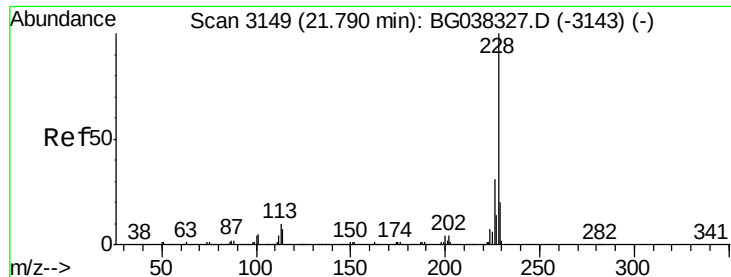
Ion Ratio Lower Upper

252 100

254 65.8 52.0 78.0

126 9.3 8.2 12.4

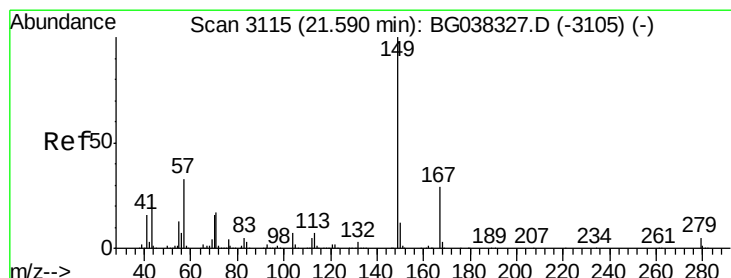
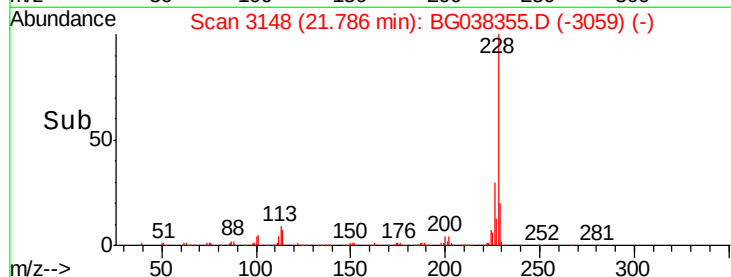
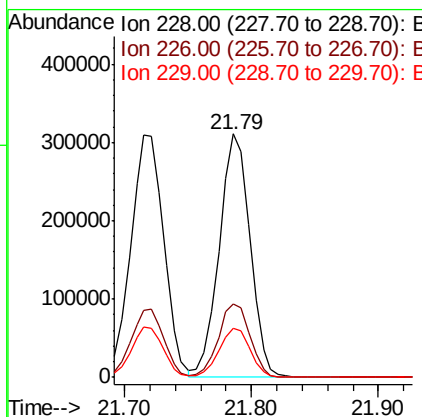
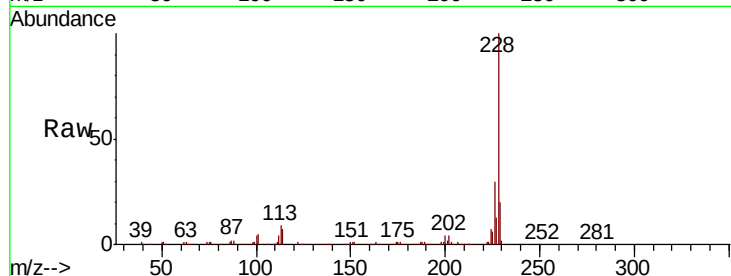




#83
Chrysene
Concen: 47.869 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

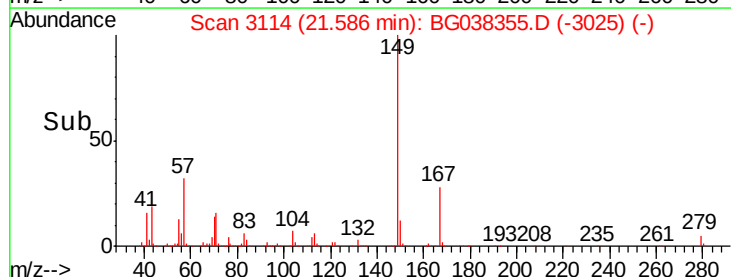
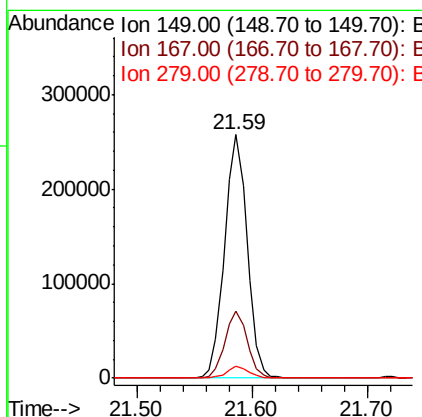
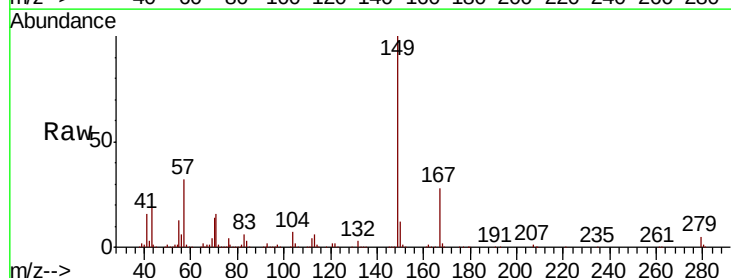
Instrument :
BNA_G
ClientSampleId :

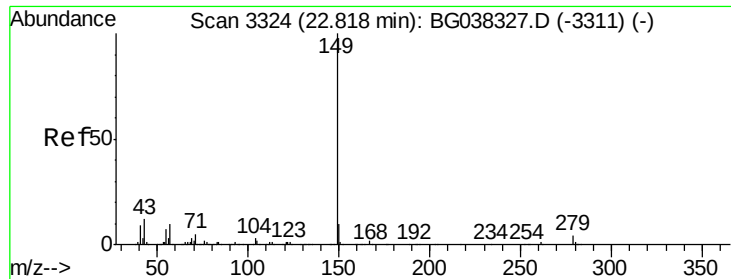
Tot Ion:228 Resp: 522526
Ion Ratio Lower Upper
228 100
226 30.2 25.7 38.5
229 20.3 16.5 24.7



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.708 ng
RT: 21.59 min Scan# 3114
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:149 Resp: 349662
Ion Ratio Lower Upper
149 100
167 27.6 23.0 34.4
279 4.7 3.6 5.4

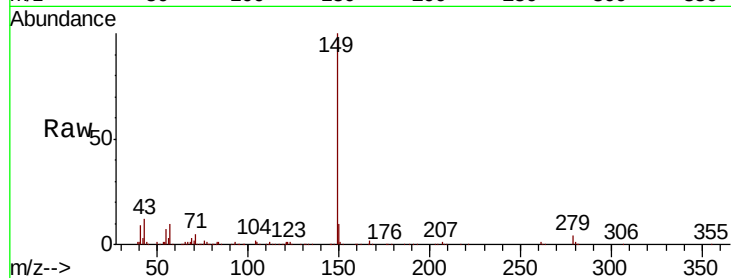




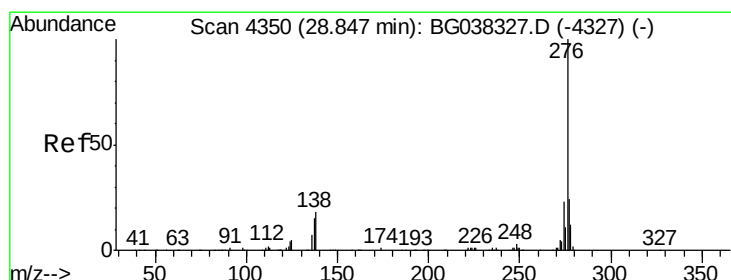
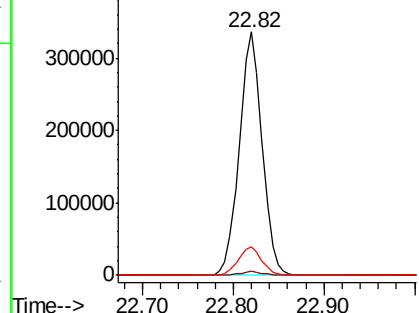
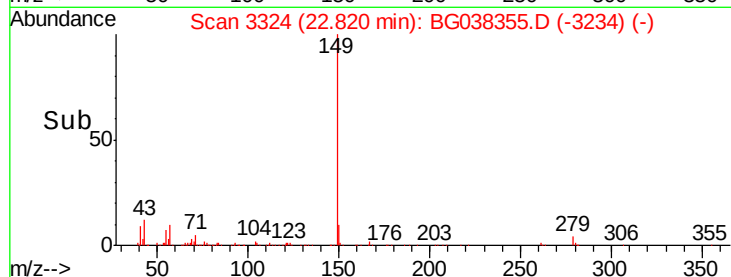
#85
Di-n-octyl phthalate
Concen: 45.884 ng
RT: 22.82 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.8	8.7	13.1

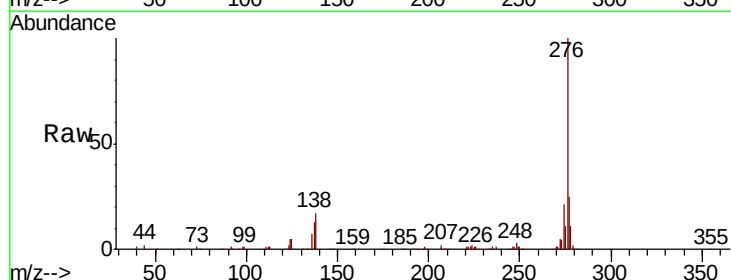


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

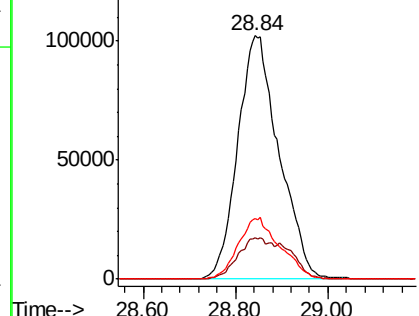
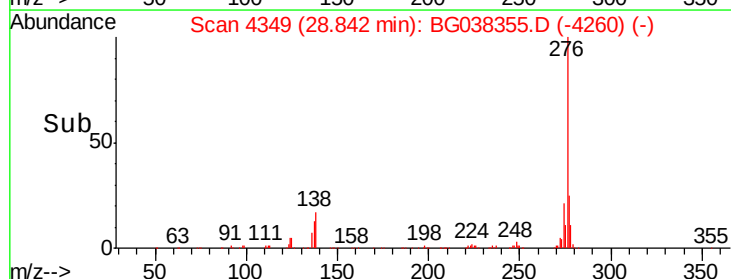


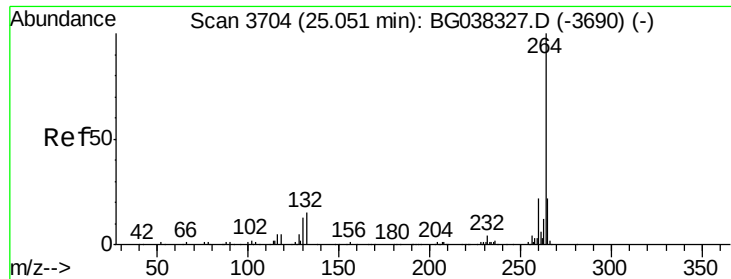
#86
Indeno(1,2,3-cd)pyrene
Concen: 51.248 ng
RT: 28.84 min Scan# 4349
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	12.0	18.0
277	25.5	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: 25.05 min Scan# 3704

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

Instrument :

BNA_G

ClientSampled :

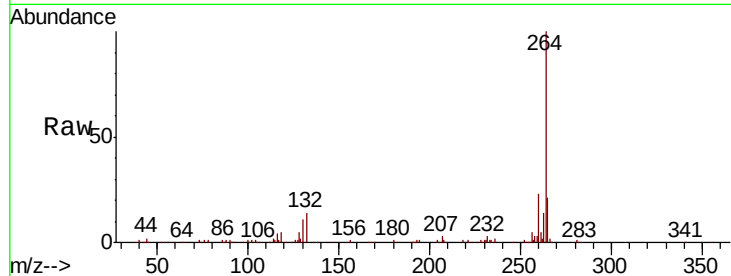
Tot Ion:264 Resp: 211620

Ion Ratio Lower Upper

264 100

260 23.3 18.2 27.4

265 20.5 17.9 26.9

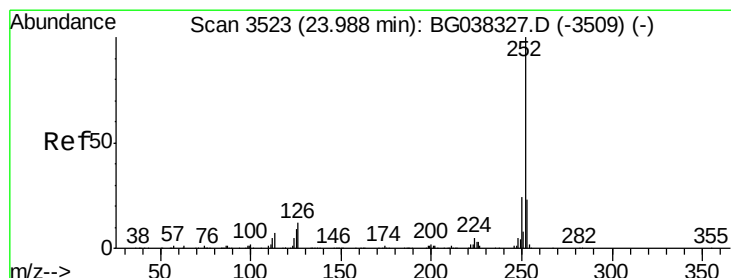
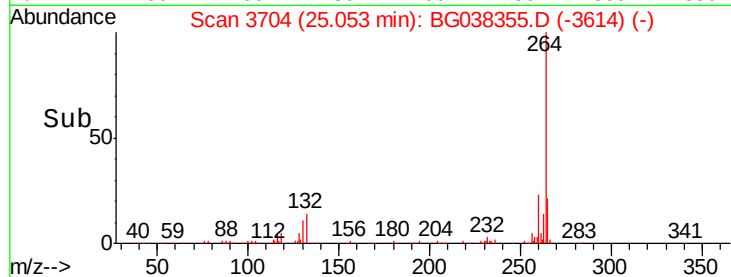
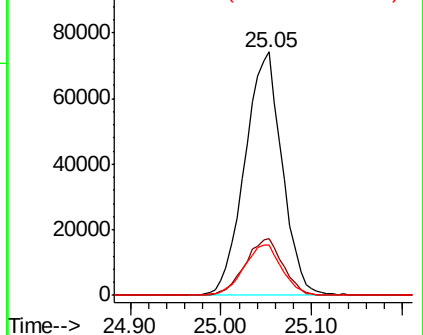


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 62.839 ng

RT: 23.99 min Scan# 3523

Delta R.T. 0.00 min

Lab File: BG038355.D

Acq: 5 Dec 2018 11:42

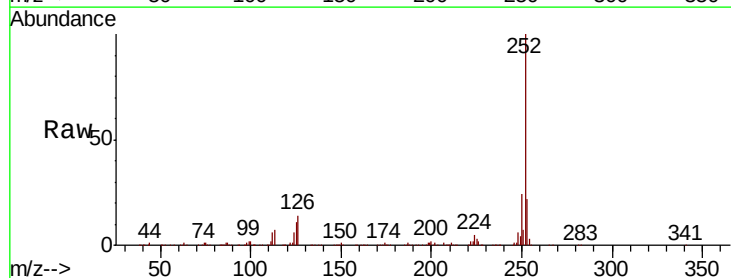
Tgt Ion:252 Resp: 751386

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.2

125 11.1 7.8 11.6

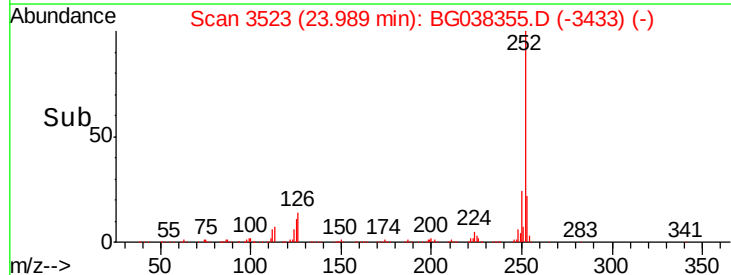
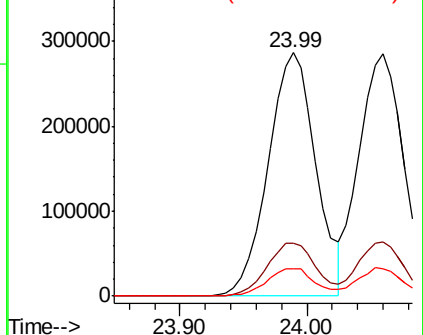


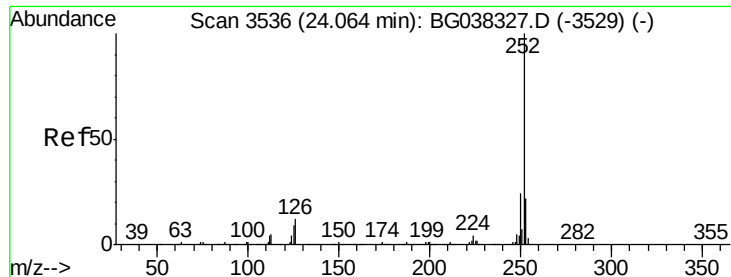
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

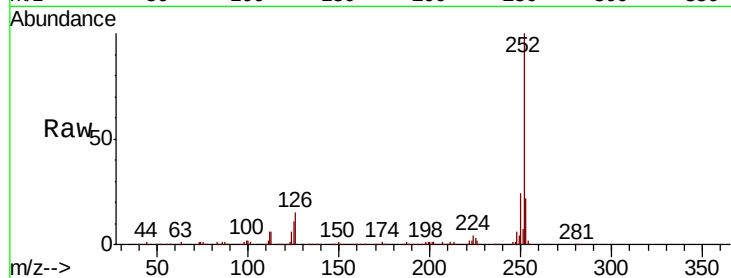




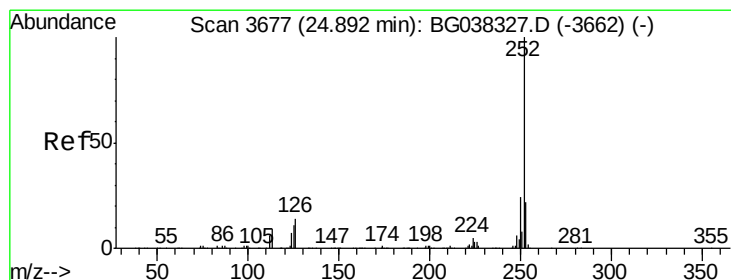
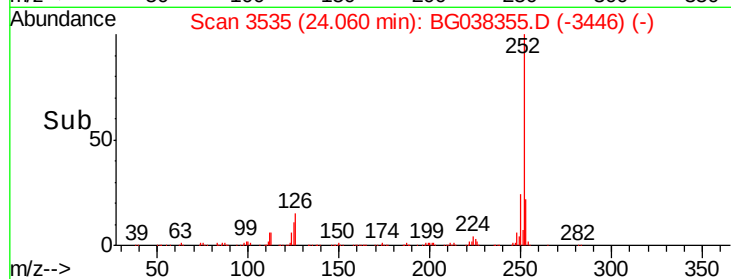
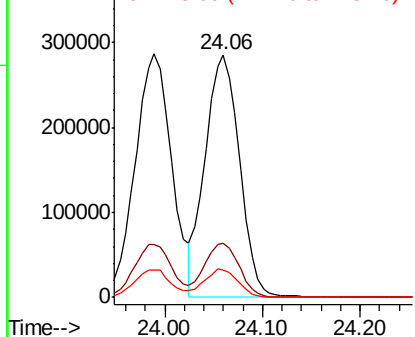
#89
Benzo(k)fluoranthene
Concen: 58.428 ng
RT: 24.06 min Scan# 3535
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 695812
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 11.0 7.4 11.0

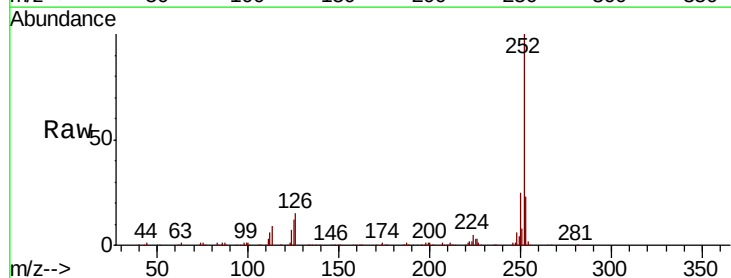


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

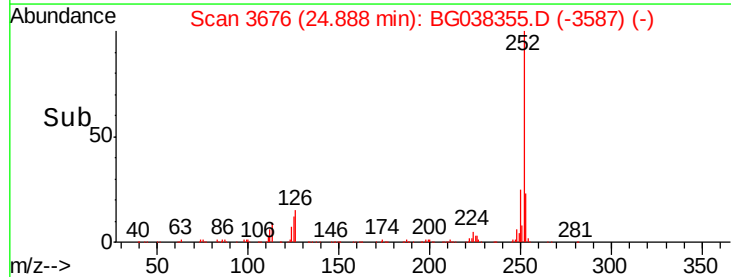
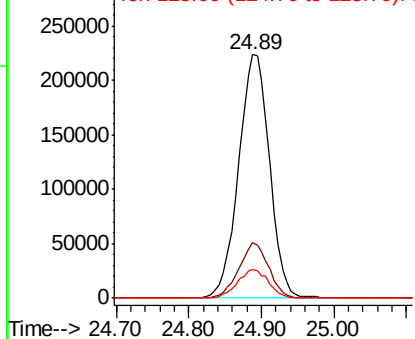


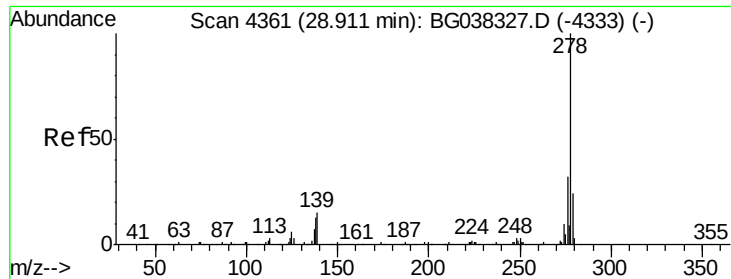
#90
Benzo(a)pyrene
Concen: 56.917 ng
RT: 24.89 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion:252 Resp: 660141
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 11.7 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

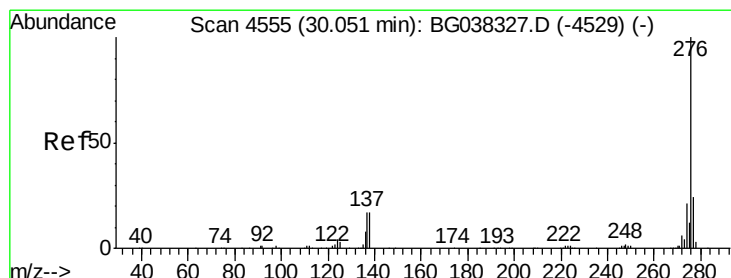
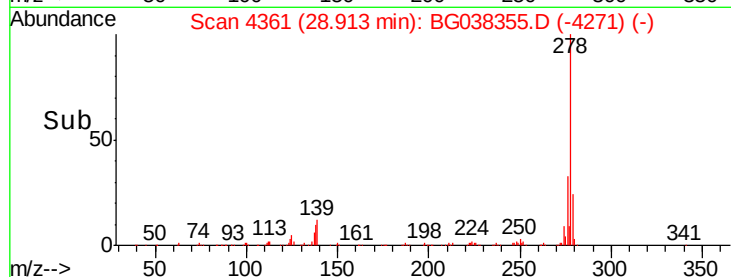
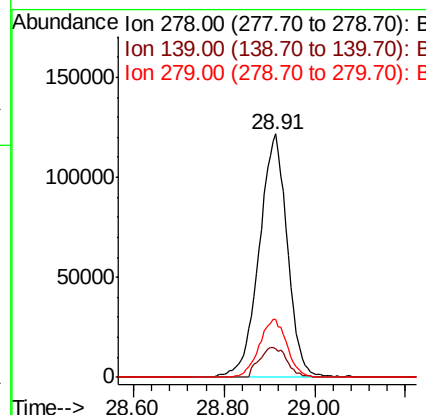
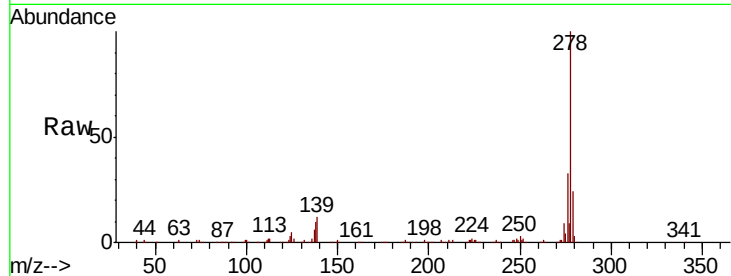




#91
Dibenzo(a,h)anthracene
Concen: 47.722 ng
RT: 28.91 min Scan# 4361
Delta R.T. 0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	11.9	11.5	17.3
279	24.0	18.6	27.8



#92
Benzo(g,h,i)perylene
Concen: 48.333 ng
RT: 30.05 min Scan# 4554
Delta R.T. -0.00 min
Lab File: BG038355.D
Acq: 5 Dec 2018 11:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.9	28.3
138	16.3	17.2	25.8#

