

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038440.D
 Acq On : 10 Dec 2018 15:41
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 16:33:31 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	32054	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	142747	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	92784	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	221293	20.00	ng	0.00
76) Chrysene-d12	21.74	240	208940	20.00	ng	0.00
87) Perylene-d12	25.04	264	223363	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	143972	79.48	ng	0.00
7) Phenol-d6	7.22	99	209534	80.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	221225	76.94	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	99284	87.16	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	522019	80.17	ng	0.00
79) Terphenyl-d14	20.06	244	756854	77.60	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	30079	36.233	ng	93
3) Pyridine	3.91	79	89520	36.044	ng	# 91
4) n-Nitrosodimethylamine	3.83	42	44526	40.928	ng	# 79
6) Aniline	7.39	93	133144	39.819	ng	99
8) 2-Chlorophenol	7.63	128	87384	41.539	ng	97
9) Benzaldehyde	7.21	77	63279	38.171	ng	96
10) Phenol	7.25	94	110460	39.934	ng	90
11) bis(2-Chloroethyl)ether	7.49	93	89411	39.469	ng	99
12) 1,3-Dichlorobenzene	7.95	146	98264	39.967	ng	94
13) 1,4-Dichlorobenzene	8.11	146	99613	39.158	ng	98
14) 1,2-Dichlorobenzene	8.42	146	94251	40.295	ng	99
15) Benzyl Alcohol	8.31	79	81498	37.865	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197385	38.307	ng	97
17) 2-Methylphenol	8.51	107	76243	39.258	ng	96
18) Hexachloroethane	9.15	117	36726	40.000	ng	94
19) n-Nitroso-di-n-propylamine	8.88	70	76193	39.810	ng	90
20) 3+4-Methylphenols	8.83	107	108386	38.895	ng	94
22) Acetophenone	8.90	105	139167	40.416	ng	96
24) Nitrobenzene	9.29	77	112864	38.637	ng	98
25) Isophorone	9.80	82	189469	37.498	ng	97
26) 2-Nitrophenol	10.00	139	56493	41.738	ng	95
27) 2,4-Dimethylphenol	10.04	122	82060	42.210	ng	96
28) bis(2-Chloroethoxy)methane	10.29	93	116798	40.322	ng	94
29) 2,4-Dichlorophenol	10.53	162	96307	43.398	ng	97
30) 1,2,4-Trichlorobenzene	10.74	180	107232	41.163	ng	99
31) Naphthalene	10.94	128	274657	40.280	ng	99
32) Benzoic acid	10.20	122	46273	34.962	ng	97
33) 4-Chloroaniline	11.06	127	127877	42.364	ng	97
34) Hexachlorobutadiene	11.20	225	70712	43.388	ng	99
35) Caprolactam	11.84	113	36884	40.192	ng	# 87
36) 4-Chloro-3-methylphenol	12.16	107	107674	43.669	ng	96
37) 2-Methylnaphthalene	12.54	142	201510	41.498	ng	97
38) 1-Methylnaphthalene	12.76	142	191358	41.145	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	133597	41.845	ng	98

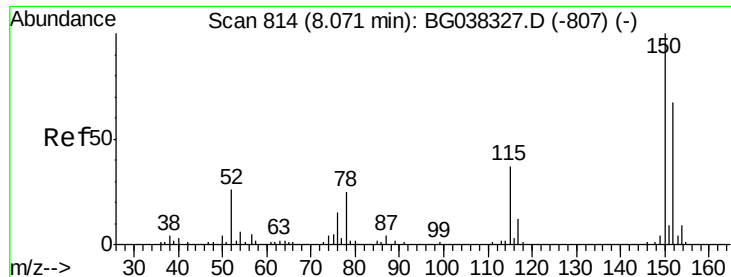
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038440.D
 Acq On : 10 Dec 2018 15:41
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 16:33:31 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)
41) Hexachlorocyclopentadiene	12.86	237	66597	37.958	ng	94
43) 2,4,6-Trichlorophenol	13.14	196	85001	41.099	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	93019	42.455	ng	94
46) 1,1'-Biphenyl	13.54	154	303621	38.713	ng	99
47) 2-Chloronaphthalene	13.59	162	233017	39.373	ng	98
48) 2-Nitroaniline	13.80	65	81260	40.926	ng	98
49) Acenaphthylene	14.43	152	354643	39.788	ng	98
50) Dimethylphthalate	14.16	163	298190	40.068	ng	99
51) 2,6-Dinitrotoluene	14.29	165	68809	40.476	ng	98
52) Acenaphthene	14.77	154	213304	39.255	ng	99
53) 3-Nitroaniline	14.63	138	72679	39.696	ng	# 94
54) 2,4-Dinitrophenol	14.83	184	33078	35.495	ng	92
55) Dibenzofuran	15.10	168	360240	40.101	ng	97
56) 4-Nitrophenol	14.92	139	51417	35.551	ng	84
57) 2,4-Dinitrotoluene	15.07	165	95284	40.638	ng	# 96
58) Fluorene	15.75	166	265904	40.177	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	78312	41.154	ng	98
60) Diethylphthalate	15.51	149	317972	38.566	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	164907	41.483	ng	99
62) 4-Nitroaniline	15.79	138	71637	39.781	ng	86
63) Azobenzene	16.03	77	280528	38.877	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	60949	42.036	ng	96
66) n-Nitrosodiphenylamine	15.96	169	262166	42.130	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	108614	45.450	ng	99
68) Hexachlorobenzene	16.75	284	108546	44.036	ng	97
69) Atrazine	16.90	200	98727	42.518	ng	98
70) Pentachlorophenol	17.10	266	66633	39.467	ng	98
71) Phenanthrene	17.49	178	450856	40.683	ng	99
72) Anthracene	17.59	178	447670	41.713	ng	100
73) Carbazole	17.87	167	442231	41.518	ng	99
74) Di-n-butylphthalate	18.39	149	504150	40.514	ng	98
75) Fluoranthene	19.50	202	530088	40.940	ng	97
77) Benzidine	19.69	184	232414	32.964	ng	98
78) Pyrene	19.87	202	536038	36.667	ng	98
80) Butylbenzylphthalate	20.73	149	222284	37.804	ng	99
81) Benzo(a)anthracene	21.71	228	505228	39.343	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	200715	40.179	ng	98
83) Chrysene	21.78	228	478757	39.397	ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	314144	37.694	ng	97
85) Di-n-octyl phthalate	22.81	149	528114	36.957	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	551598	39.940	ng	# 96
88) Benzo(b)fluoranthene	23.98	252	486704	38.564	ng	98
89) Benzo(k)fluoranthene	24.05	252	488606	38.871	ng	99
90) Benzo(a)pyrene	24.89	252	474653	38.773	ng	# 95
91) Dibenzo(a,h)anthracene	28.89	278	455990	39.273	ng	97
92) Benzo(g,h,i)perylene	30.03	276	455394	39.532	ng	# 94

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

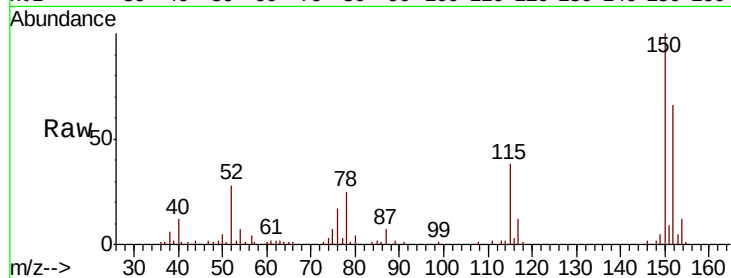


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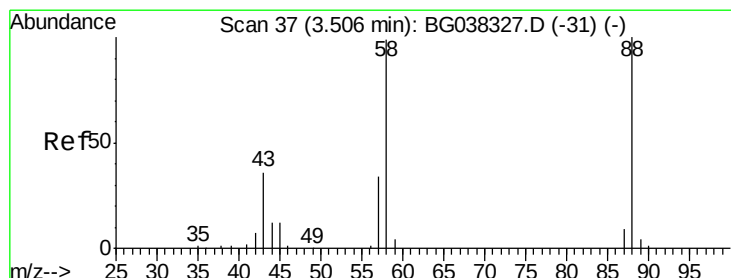
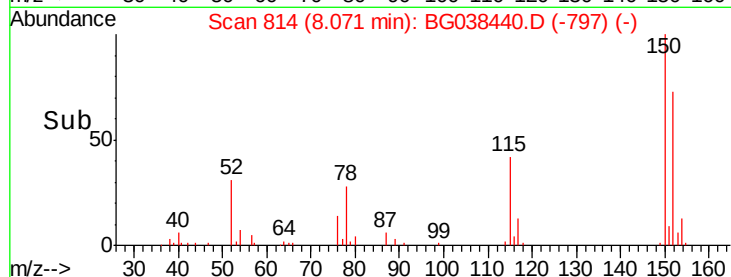
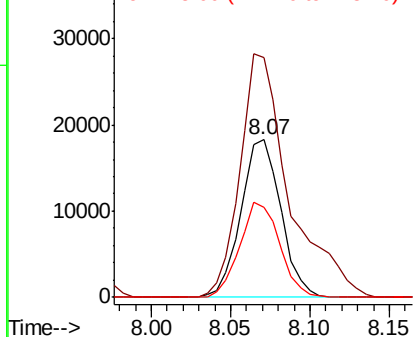
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32054
Ion Ratio Lower Upper
152 100
150 151.8 126.0 189.0
115 57.4 45.5 68.3



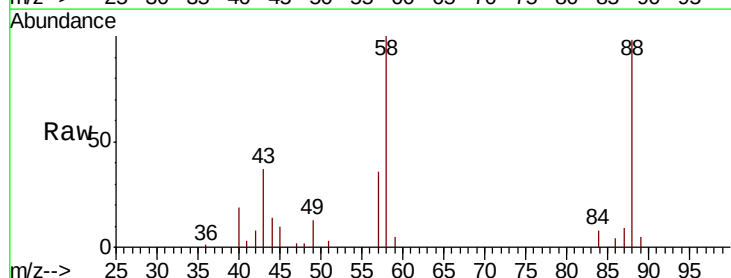
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



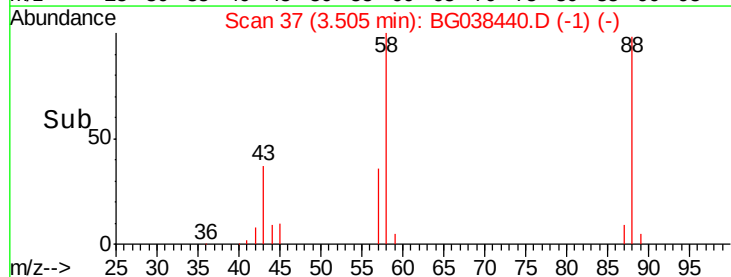
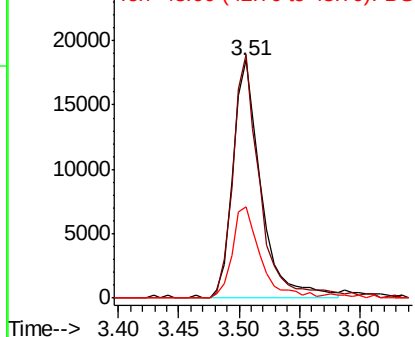
#2

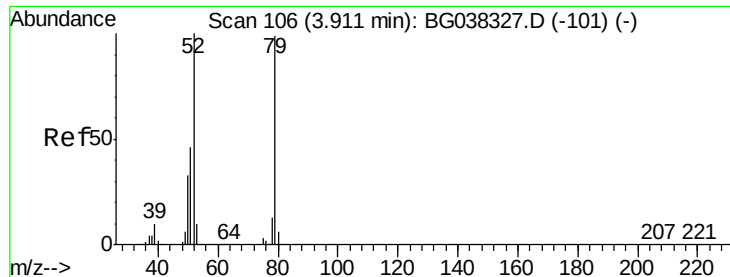
1,4-Dioxane
Concen: 36.233 ng
RT: 3.51 min Scan# 37
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion: 88 Resp: 30079
Ion Ratio Lower Upper
88 100
58 98.9 74.4 111.6
43 38.2 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: 36.044 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

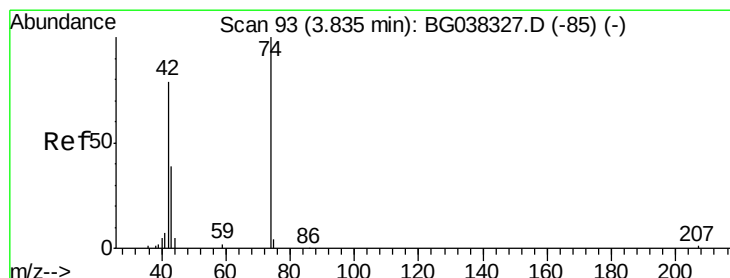
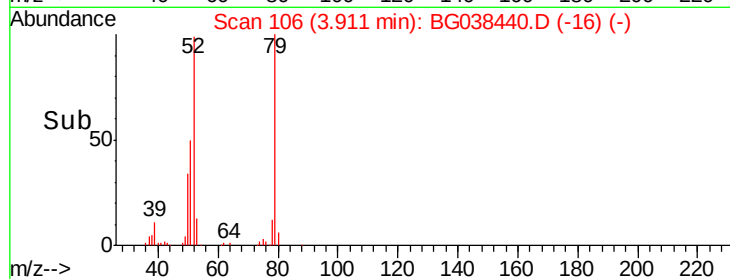
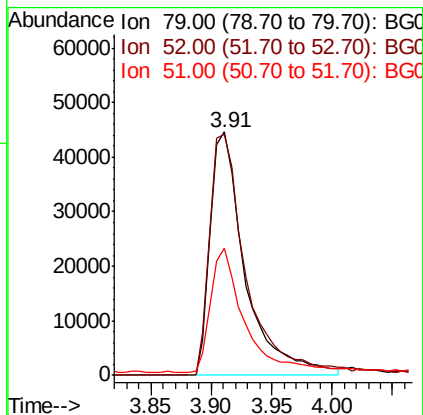
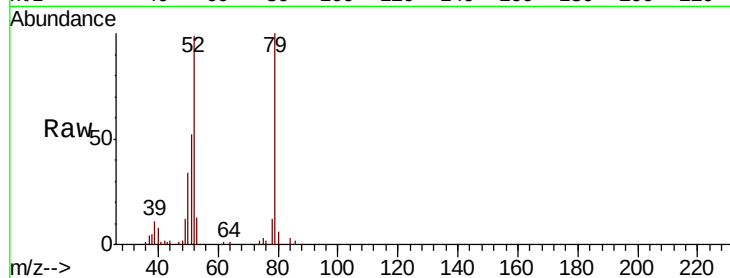
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 79 Resp: 89520

Ion	Ratio	Lower	Upper
79	100		
52	99.1	74.2	111.2
51	52.0	34.6	51.8#



#4

n-Nitrosodimethylamine

Concen: 40.928 ng

RT: 3.83 min Scan# 93

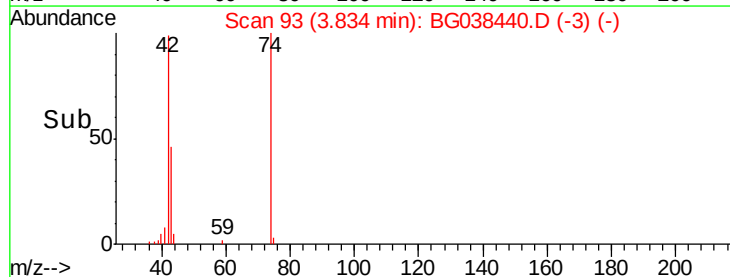
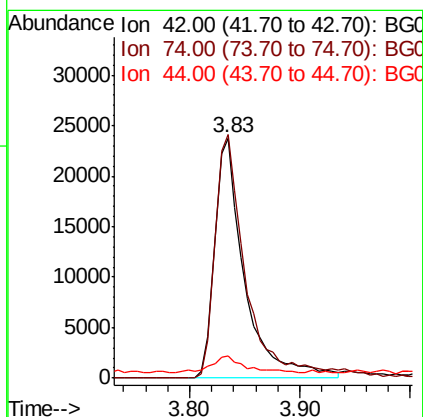
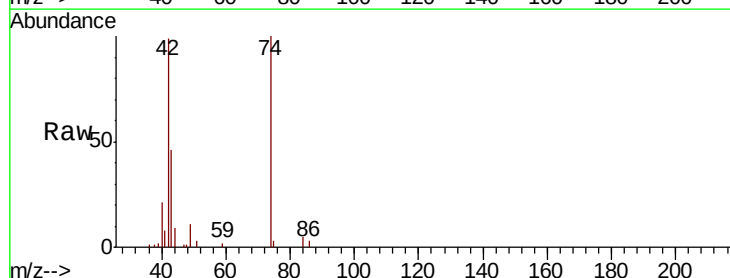
Delta R.T. -0.00 min

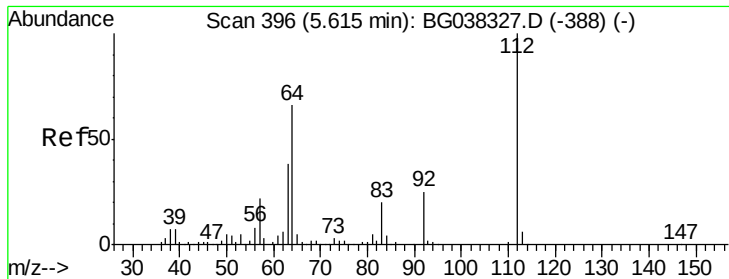
Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion: 42 Resp: 44526

Ion	Ratio	Lower	Upper
42	100		
74	101.3	102.0	153.0#
44	9.0	9.6	14.4#





#5

2-Fluorophenol

Concen: 79.484 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

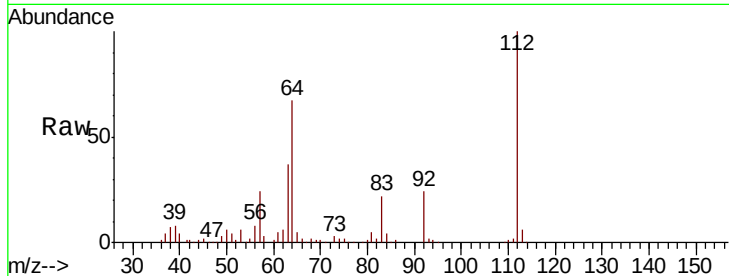
Tot Ion:112 Resp: 143972

Ion Ratio Lower Upper

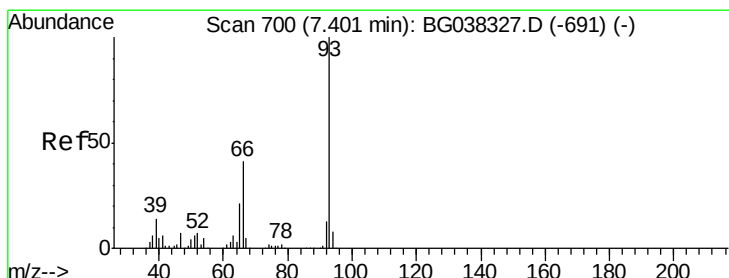
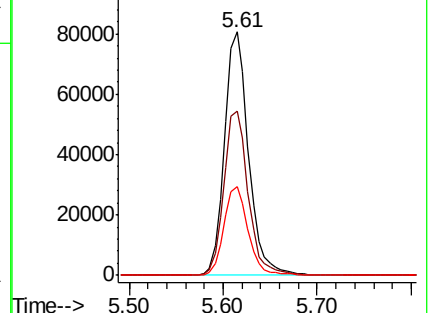
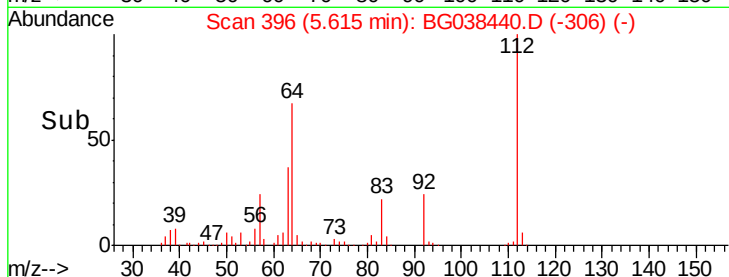
112 100

64 67.2 53.1 79.7

63 36.7 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.819 ng

RT: 7.39 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

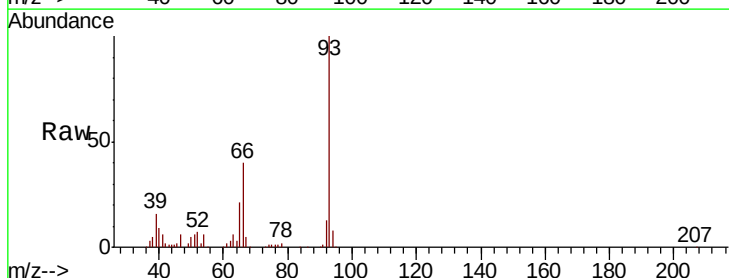
Tgt Ion: 93 Resp: 133144

Ion Ratio Lower Upper

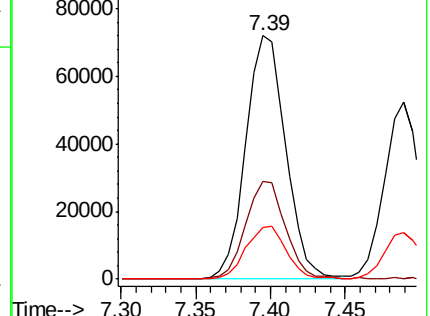
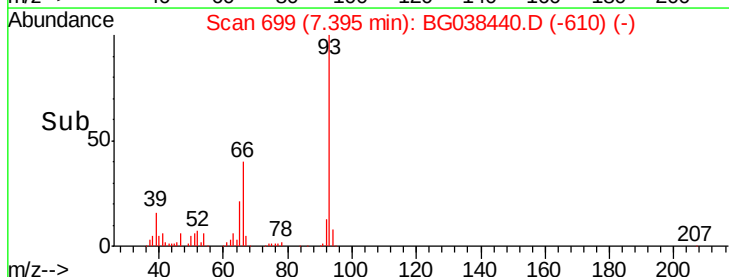
93 100

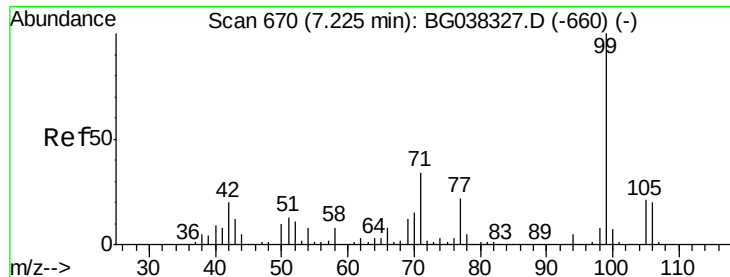
66 40.3 32.8 49.2

65 21.0 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: 80.037 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

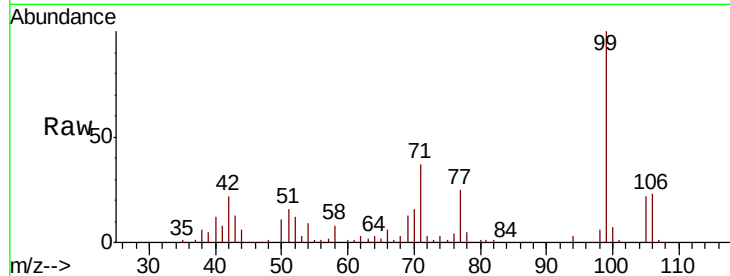
Tot Ion: 99 Resp: 209534

Ion Ratio Lower Upper

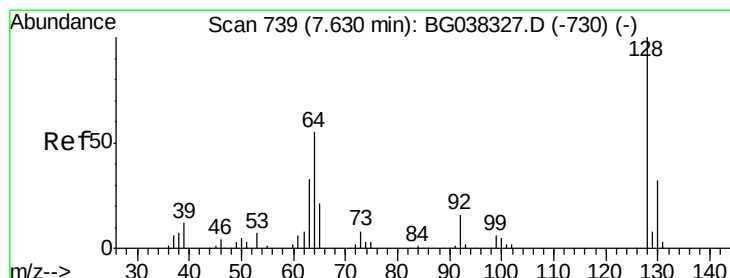
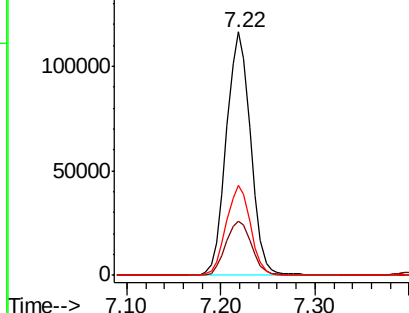
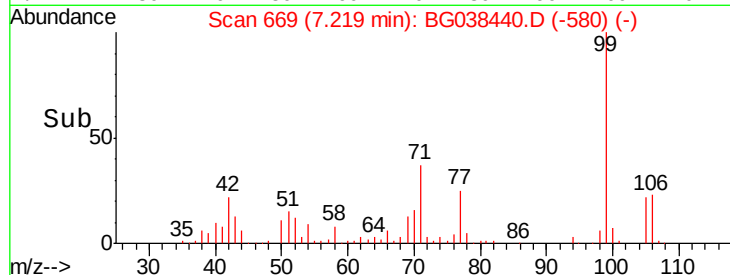
99 100

42 22.1 15.0 22.4

71 37.1 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: 41.539 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

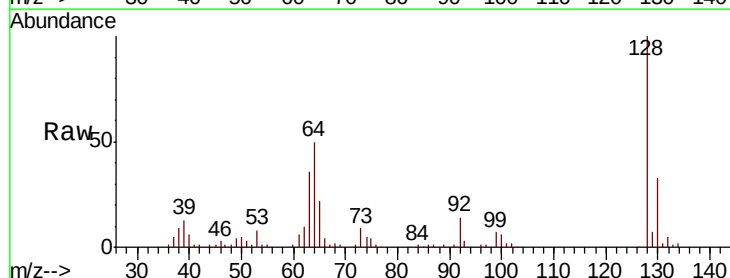
Tgt Ion: 128 Resp: 87384

Ion Ratio Lower Upper

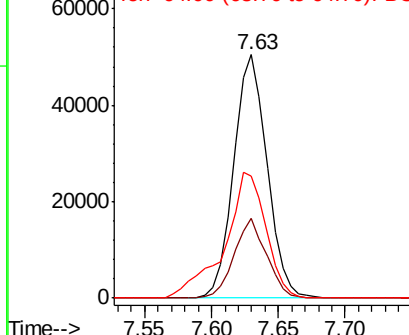
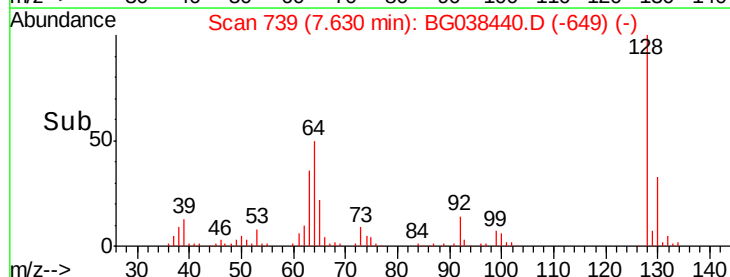
128 100

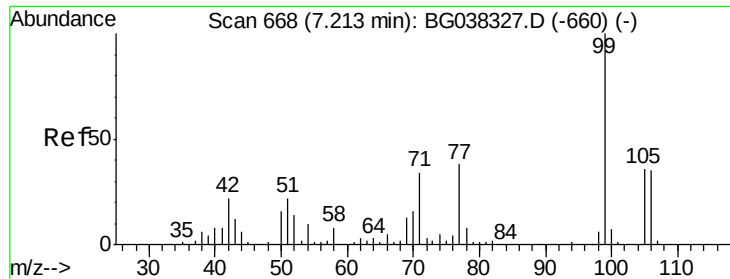
130 32.6 12.0 52.0

64 50.0 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: 38.171 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

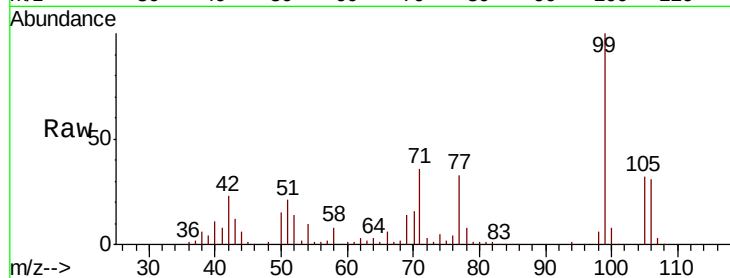
Tot Ion: 77 Resp: 63279

Ion Ratio Lower Upper

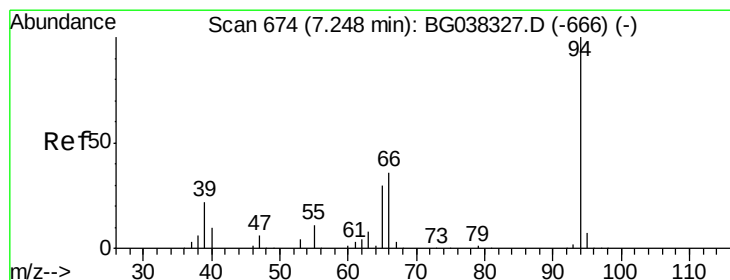
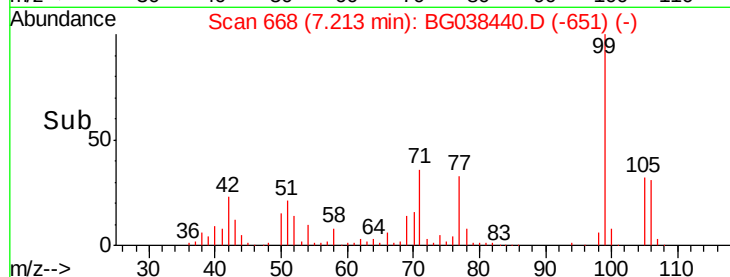
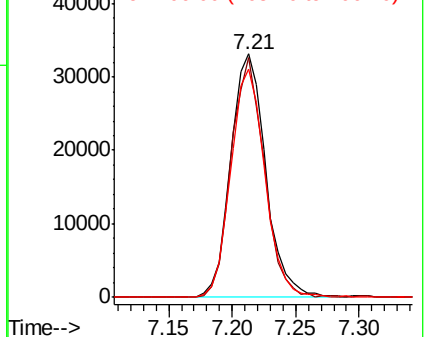
77 100

105 98.4 72.6 112.6

106 94.0 71.3 111.3



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



#10

Phenol

Concen: 39.934 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

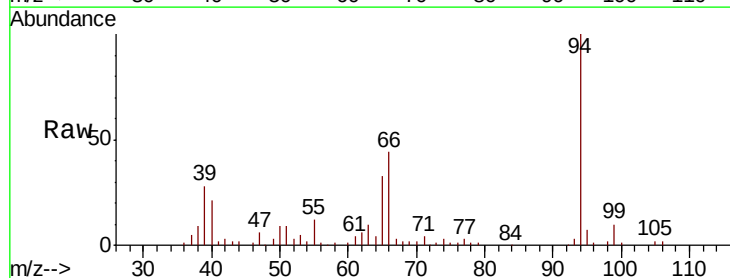
Tgt Ion: 94 Resp: 110460

Ion Ratio Lower Upper

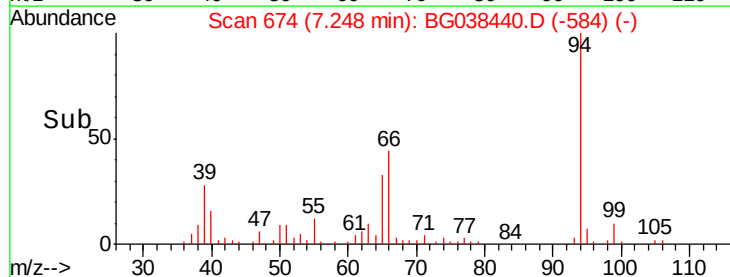
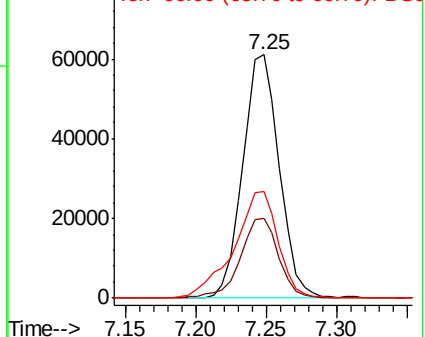
94 100

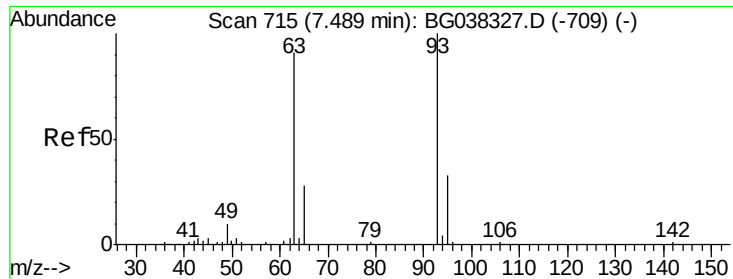
65 32.6 9.7 49.7

66 43.8 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

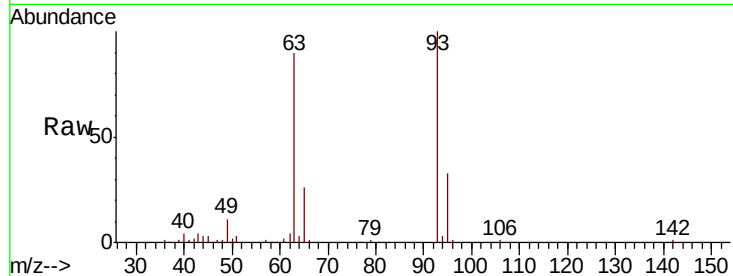




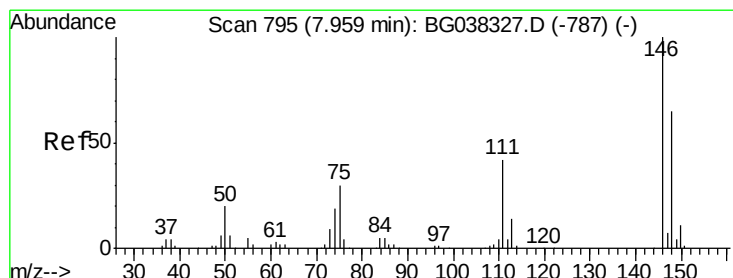
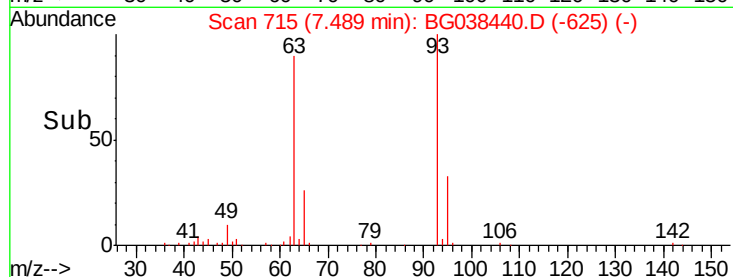
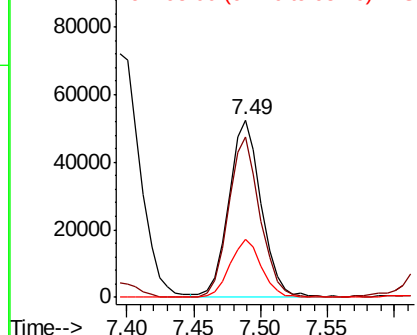
#11
bis(2-Chloroethyl)ether
Concen: 39.469 ng
RT: 7.49 min Scan# 715
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 89411
Ion Ratio Lower Upper
93 100
63 90.1 69.5 109.5
95 32.8 12.6 52.6

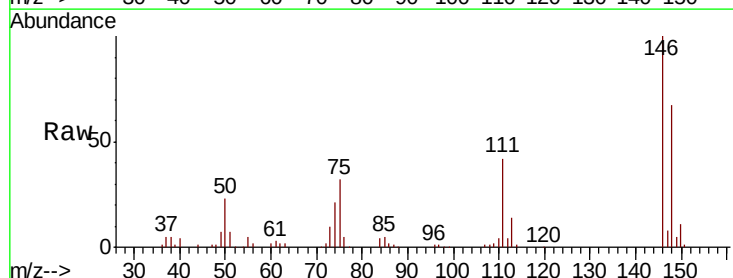


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

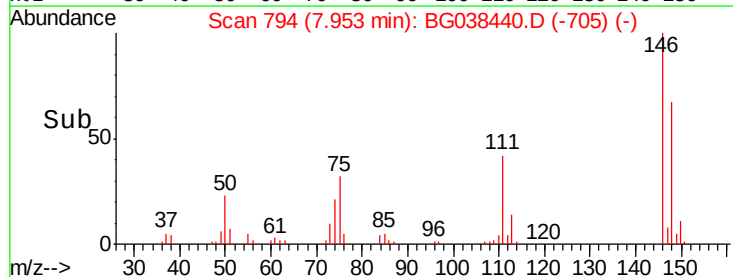
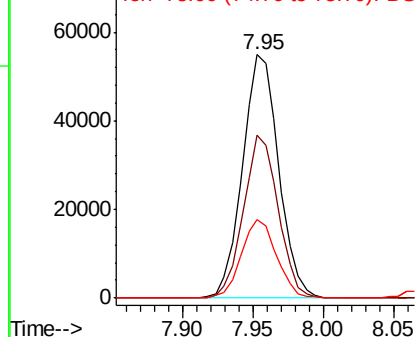


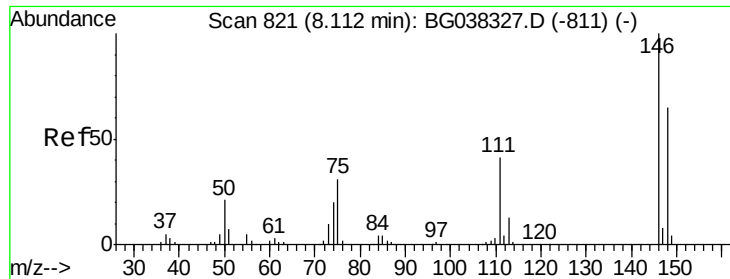
#12
1,3-Dichlorobenzene
Concen: 39.967 ng
RT: 7.95 min Scan# 794
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion: 146 Resp: 98264
Ion Ratio Lower Upper
146 100
148 66.9 49.8 74.8
75 32.3 23.2 34.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

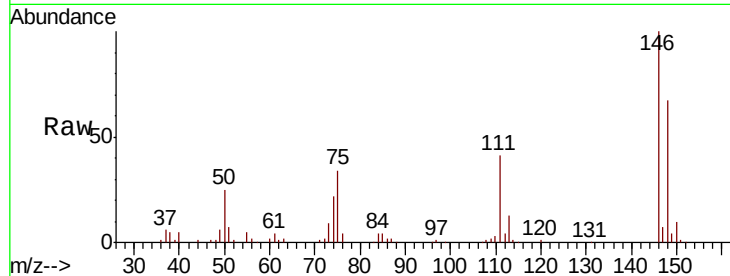




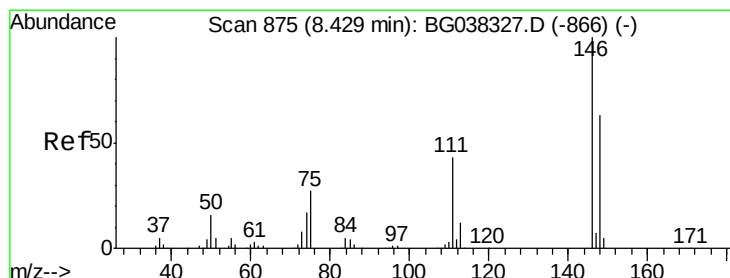
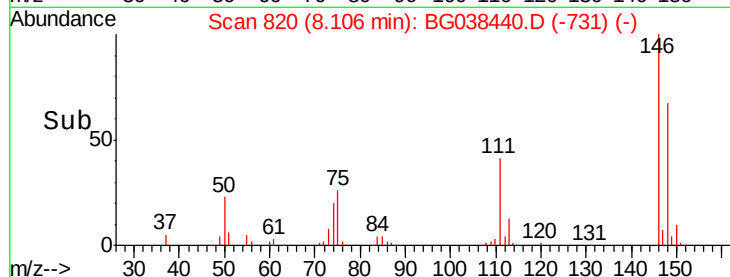
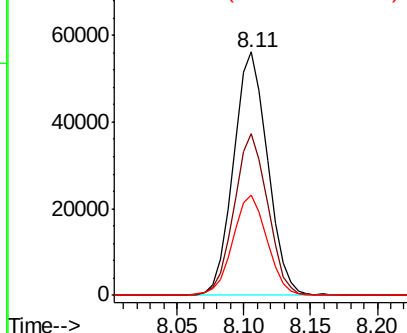
#13
 1,4-Dichlorobenzene
 Concen: 39.158 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 99613
 Ion Ratio Lower Upper
 146 100
 148 66.6 51.0 76.6
 111 41.0 32.4 48.6

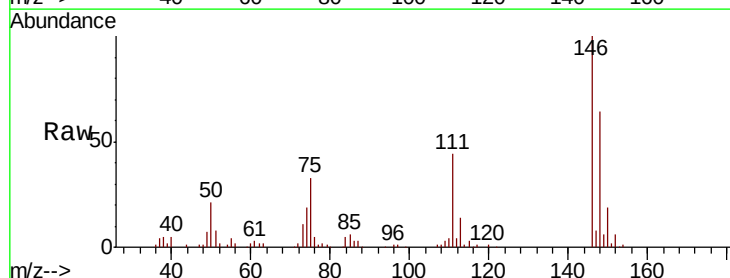


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

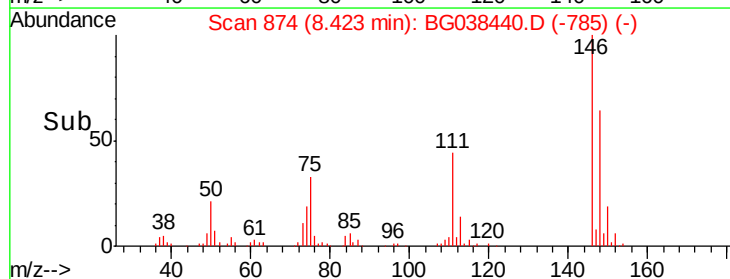
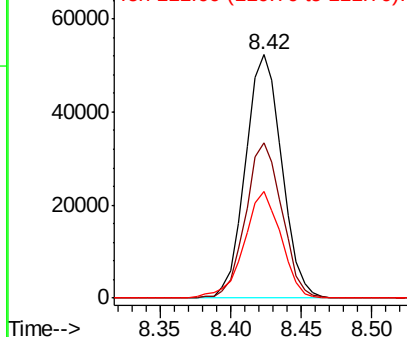


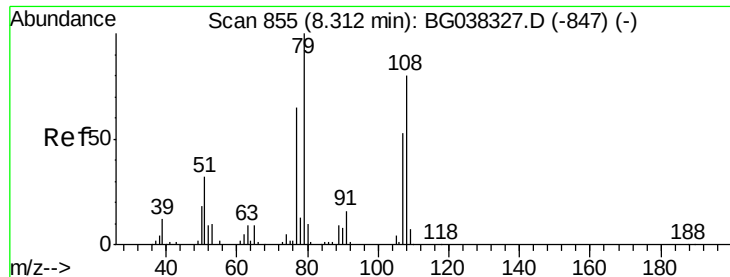
#14
 1,2-Dichlorobenzene
 Concen: 40.295 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion:146 Resp: 94251
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.4 75.6
 111 43.8 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: 37.865 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

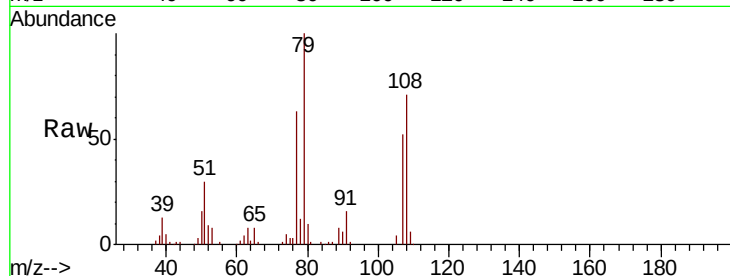
Tot Ion: 79 Resp: 81498

Ion Ratio Lower Upper

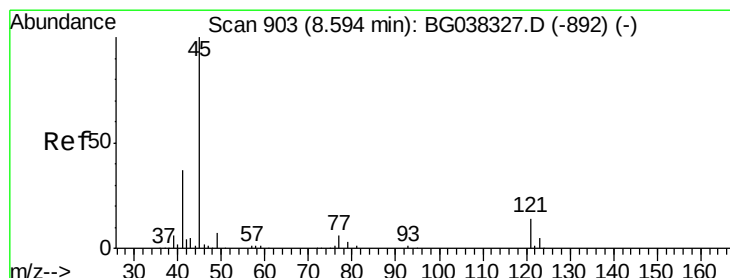
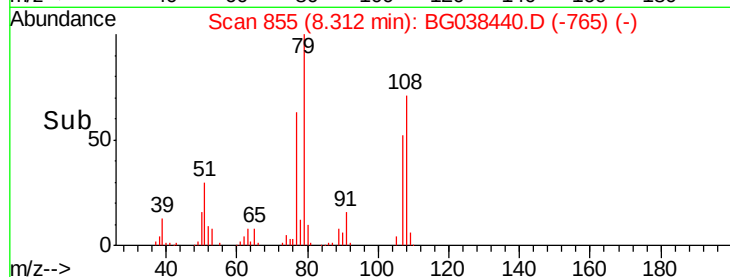
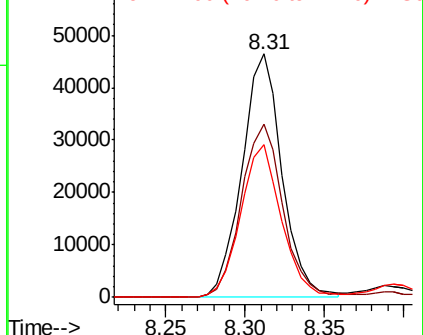
79 100

108 71.2 65.8 98.8

77 62.7 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: 38.307 ng

RT: 8.59 min Scan# 903

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

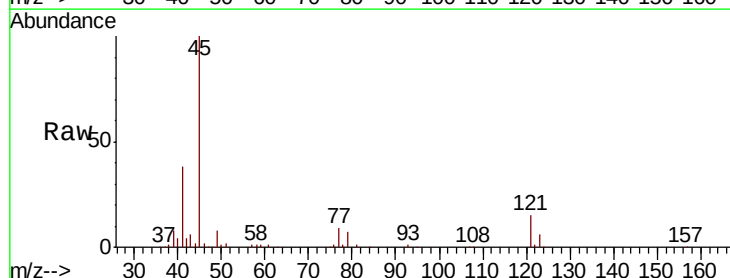
Tgt Ion: 45 Resp: 197385

Ion Ratio Lower Upper

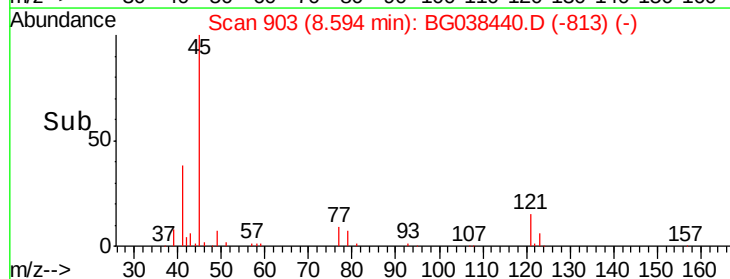
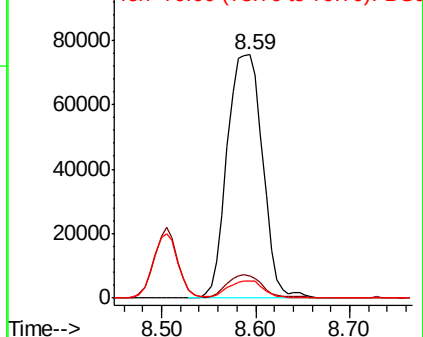
45 100

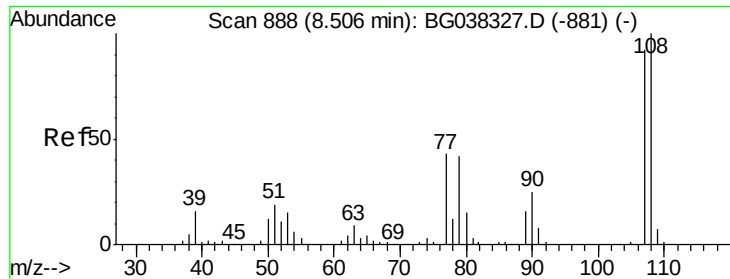
77 9.3 0.0 30.0

79 7.2 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

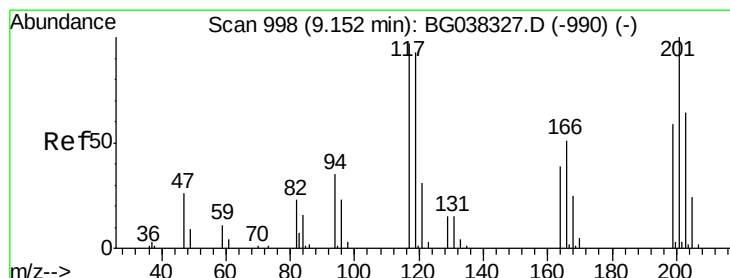
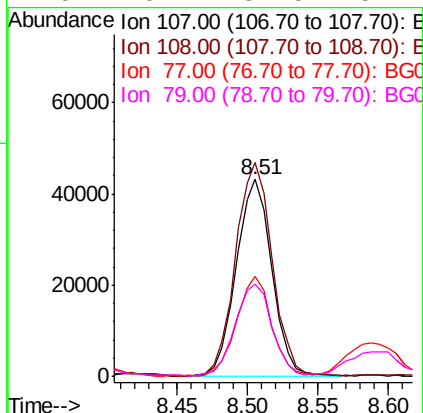
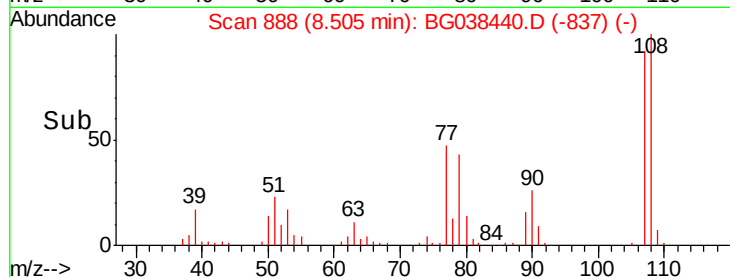
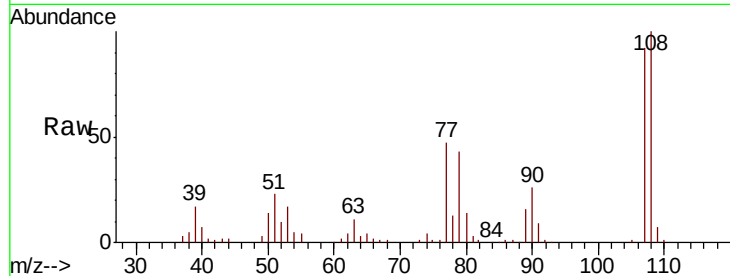




#17
2-Methylphenol
Concen: 39.258 ng
RT: 8.51 min Scan# 888
Delta R.T. 0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

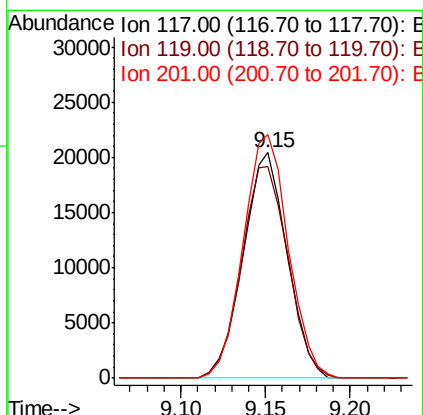
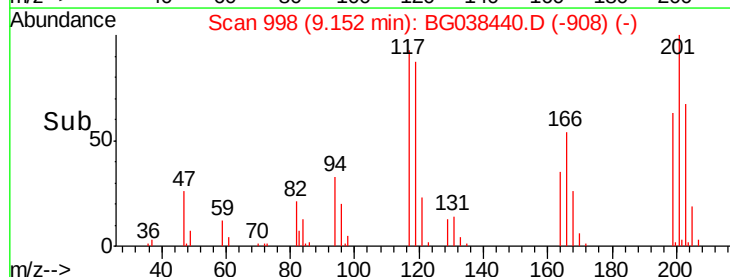
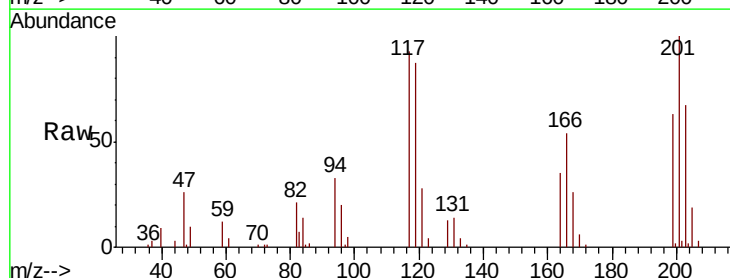
Instrument :
BNA_G
ClientSampleId :

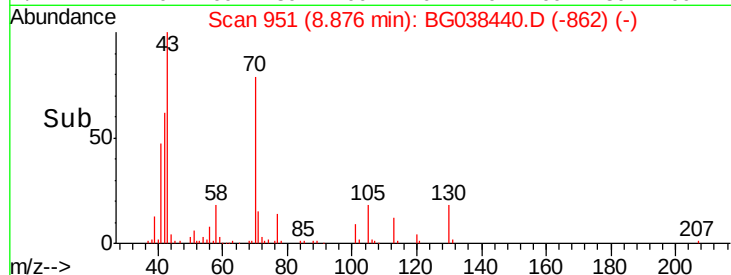
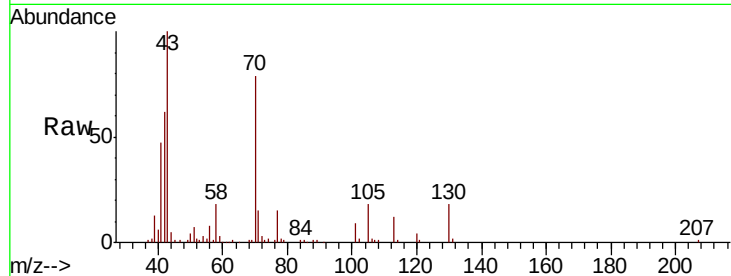
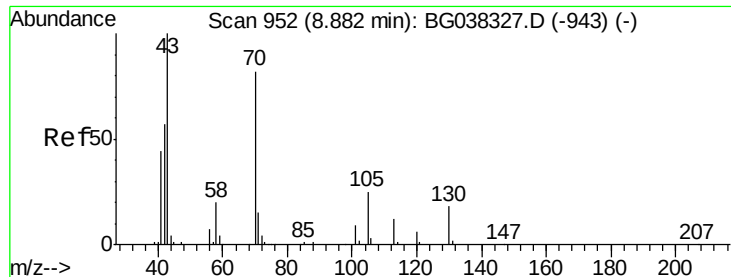
Tot Ion:107 Resp: 76243
Ion Ratio Lower Upper
107 100
108 108.7 87.9 131.9
77 51.1 35.1 52.7
79 46.7 34.5 51.7



#18
Hexachloroethane
Concen: 40.000 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:117 Resp: 36726
Ion Ratio Lower Upper
117 100
119 94.0 74.6 111.8
201 111.2 80.8 121.2

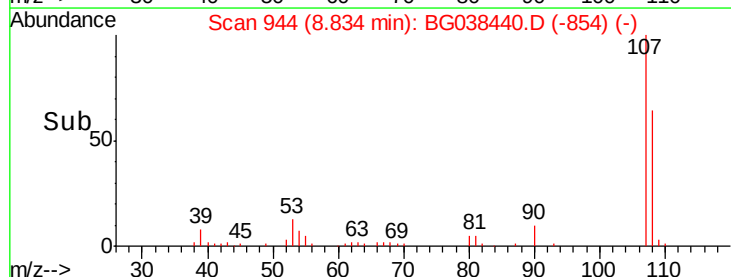
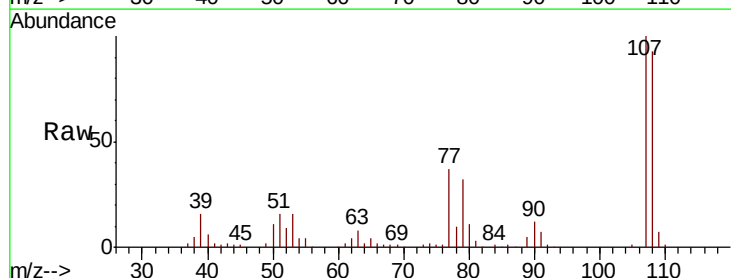
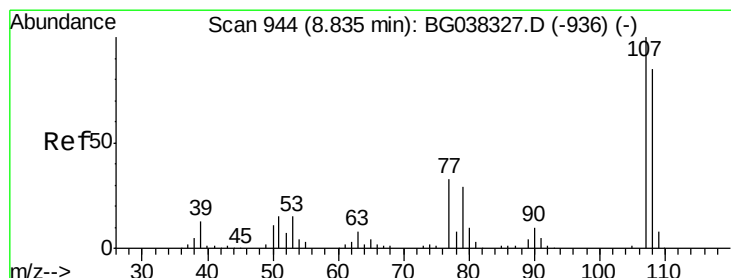
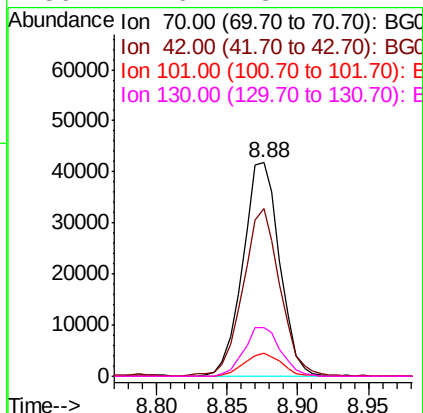




#19
n-Nitroso-di-n-propylamine
Concen: 39.810 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

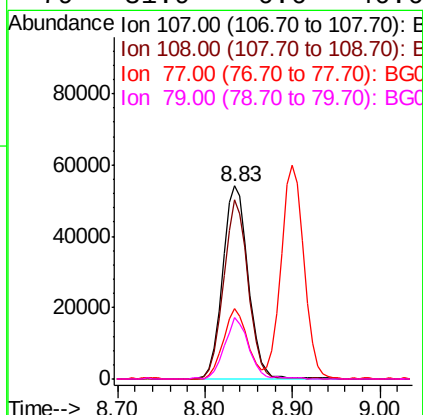
Instrument :
BNA_G
ClientSampleId :

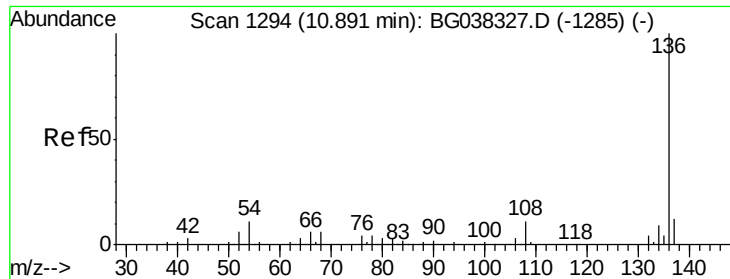
Tot Ion: 70 Resp: 76193
Ion Ratio Lower Upper
70 100
42 78.6 53.9 80.9
101 10.7 8.2 12.2
130 22.6 18.2 27.4



#20
3+4-Methylphenols
Concen: 38.895 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:107 Resp: 108386
Ion Ratio Lower Upper
107 100
108 93.1 69.9 109.9
77 36.6 11.2 51.2
79 31.9 6.6 46.6

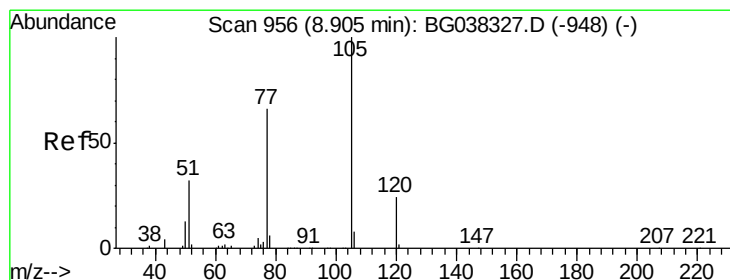
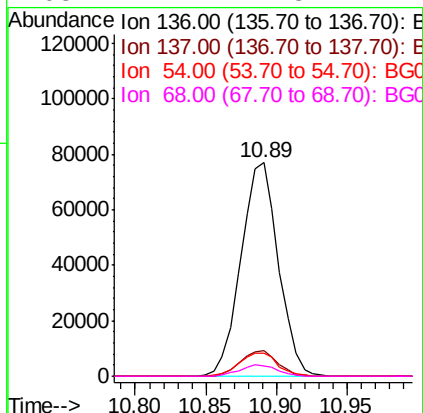
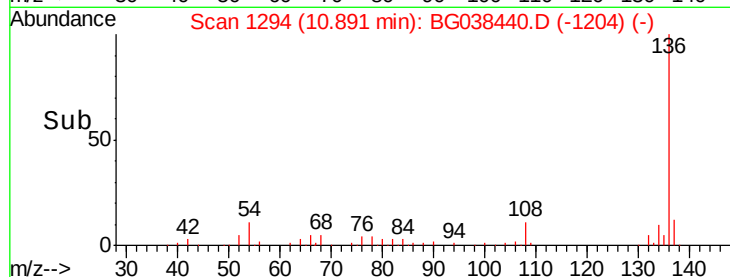
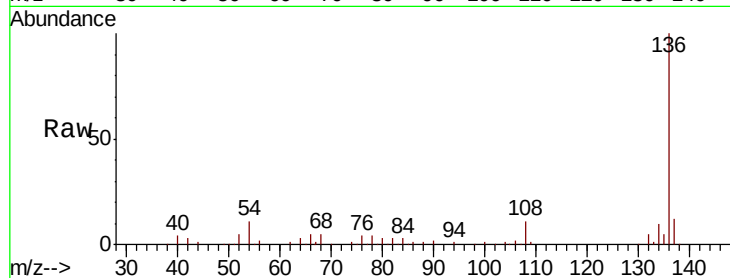




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

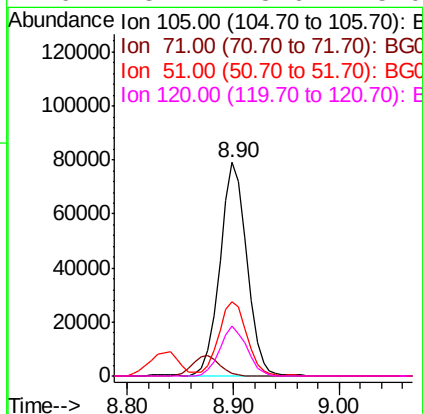
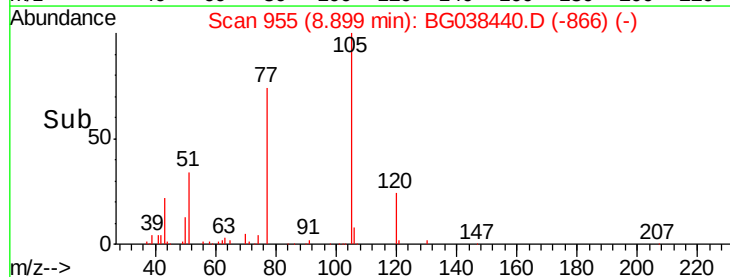
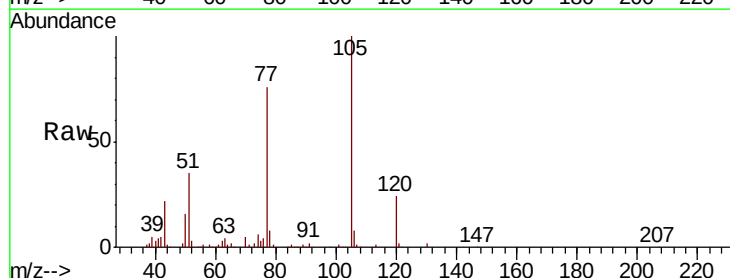
Instrument :
BNA_G
ClientSampleId :

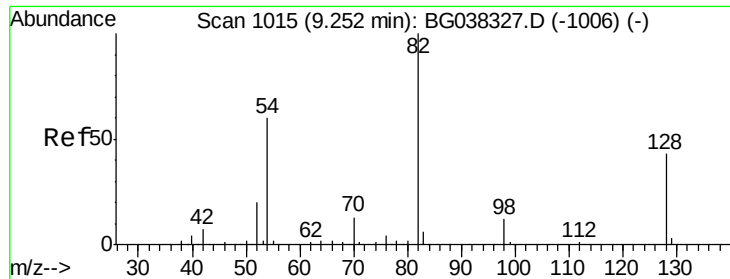
Tot Ion:136	Resp:	142747
Ion Ratio	Lower	Upper
136	100	
137	11.7	9.6 14.4
54	11.1	7.9 11.9
68	4.7	4.8 7.2#



#22
Acetophenone
Concen: 40.416 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:105	Resp:	139167
Ion Ratio	Lower	Upper
105	100	
71	1.3	1.2 1.8
51	35.0	25.0 37.6
120	23.7	18.6 28.0

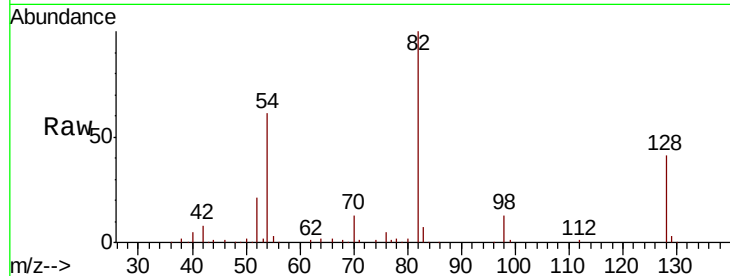




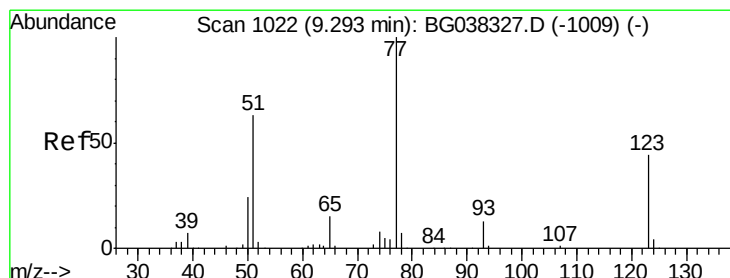
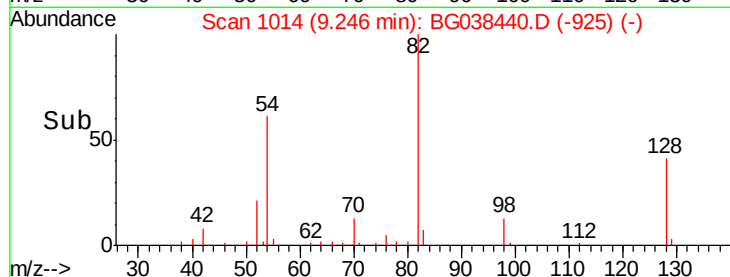
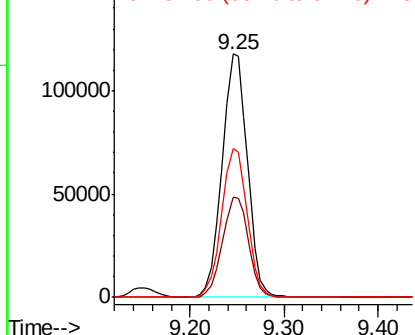
#23
Nitrobenzene-d5
Concen: 76.943 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	221225
Ion Ratio	100	Lower	Upper
128	41.2	34.6	51.8
54	61.3	45.3	67.9

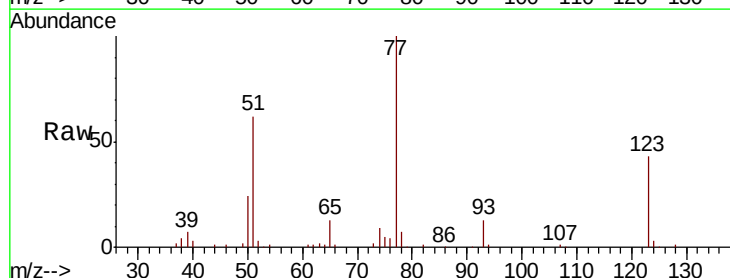


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

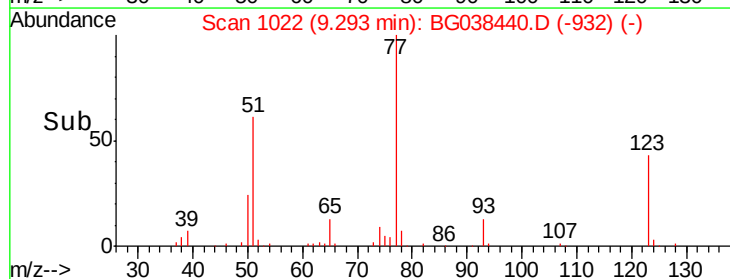
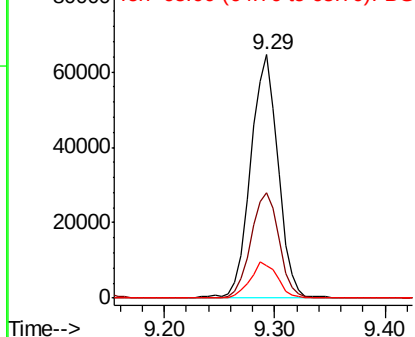


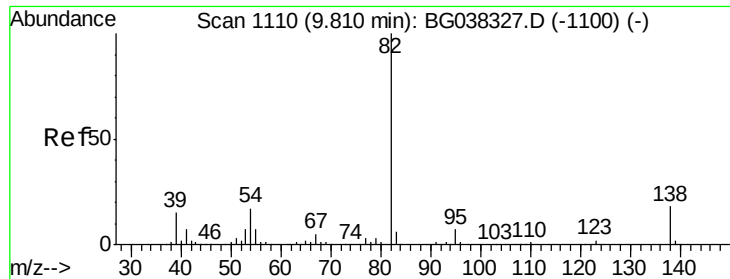
#24
Nitrobenzene
Concen: 38.637 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion	77	Resp	112864
Ion Ratio	100	Lower	Upper
123	43.4	33.6	50.4
65	13.4	11.3	16.9



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





#25

Isophorone

Concen: 37.498 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

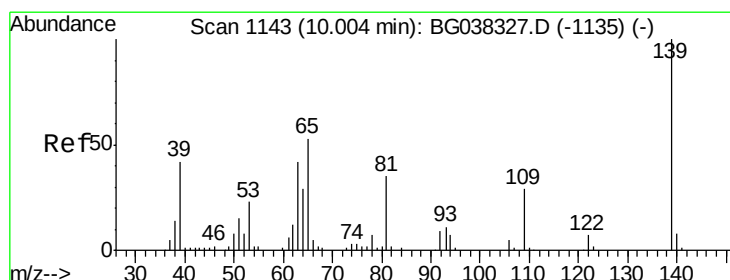
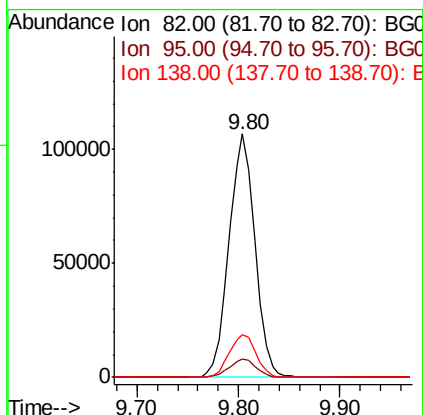
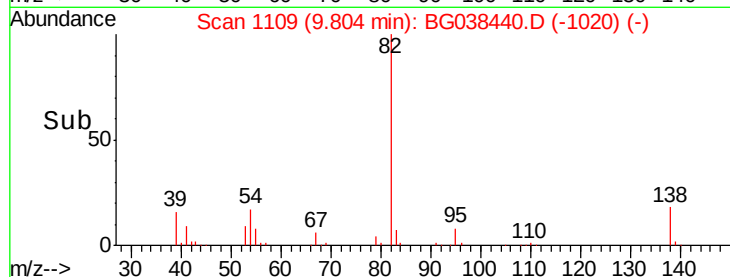
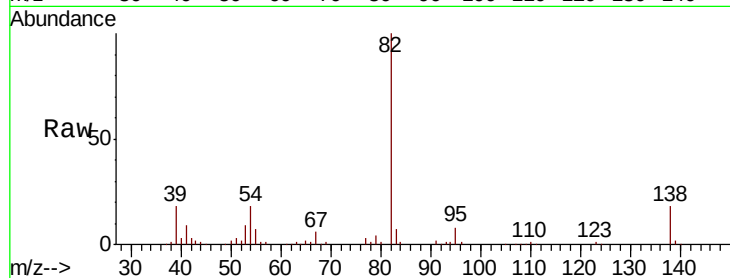
Tot Ion: 82 Resp: 189469

Ion Ratio Lower Upper

82 100

95 7.7 5.3 7.9

138 17.6 13.3 19.9



#26

2-Nitrophenol

Concen: 41.738 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

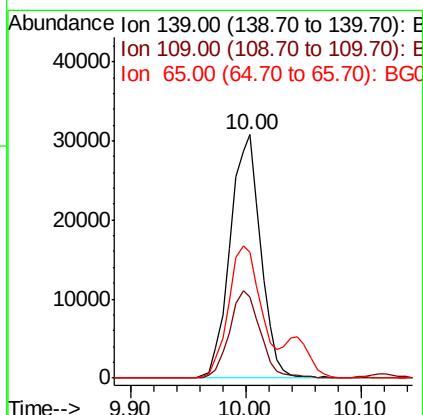
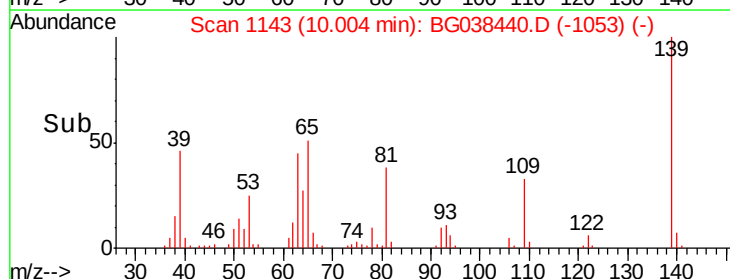
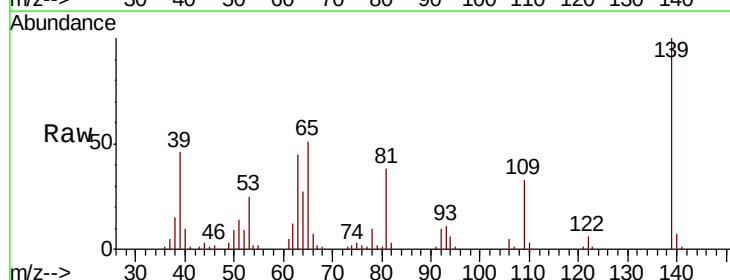
Tgt Ion: 139 Resp: 56493

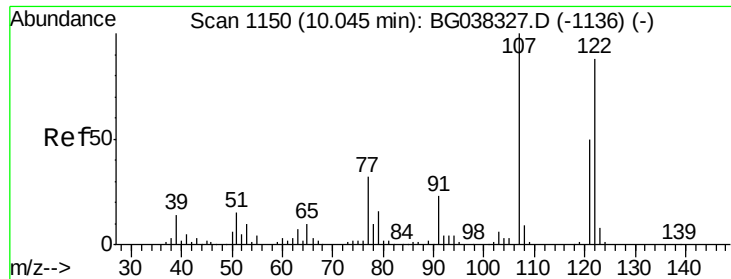
Ion Ratio Lower Upper

139 100

109 33.5 23.3 34.9

65 51.5 39.8 59.8

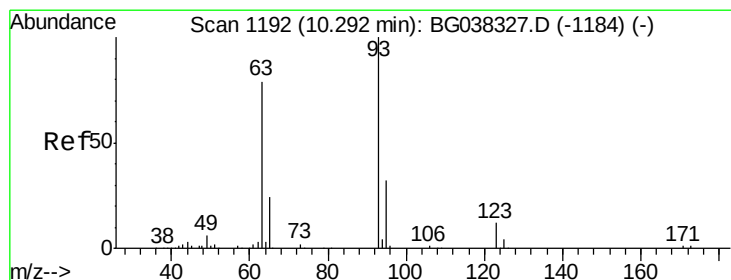
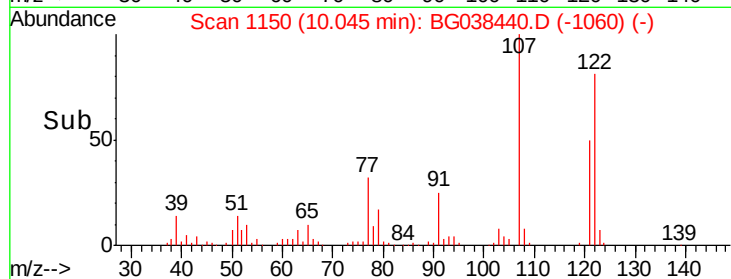
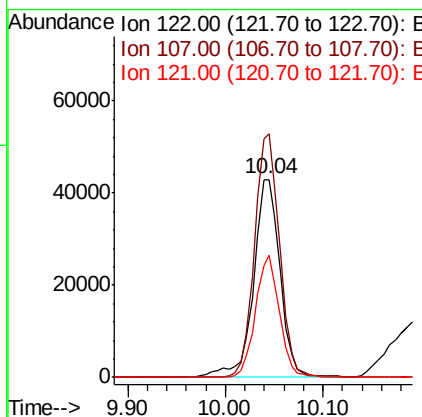
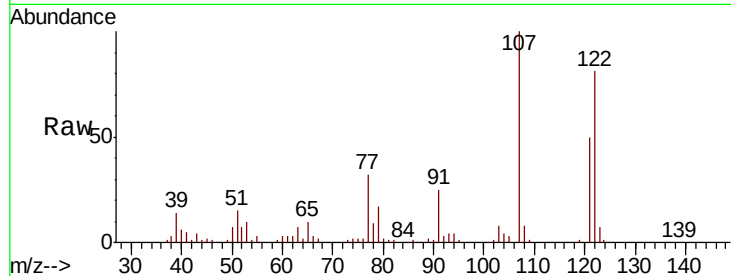




#27
 2,4-Dimethylphenol
 Concen: 42.210 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

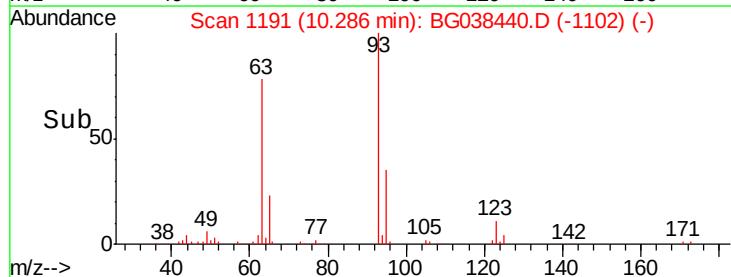
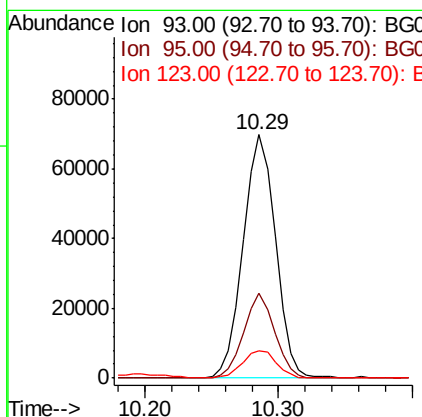
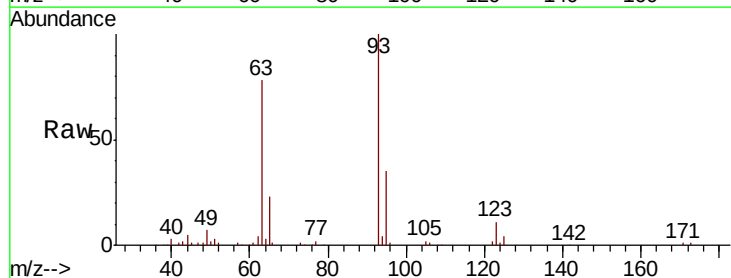
Instrument :
 BNA_G
 ClientSampleId :

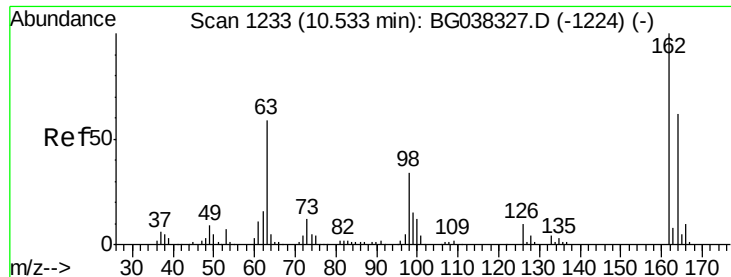
Tot Ion:122 Resp: 82060
 Ion Ratio Lower Upper
 122 100
 107 123.0 94.2 141.2
 121 61.8 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.322 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion: 93 Resp: 116798
 Ion Ratio Lower Upper
 93 100
 95 35.0 24.6 37.0
 123 11.4 9.1 13.7

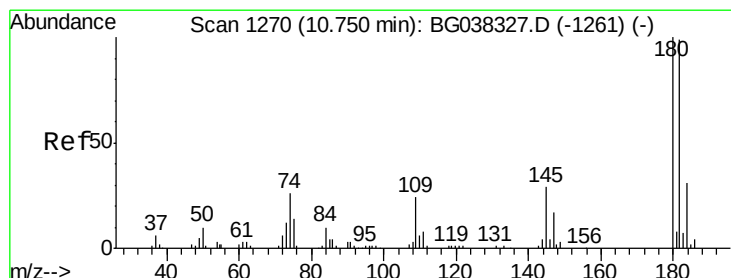
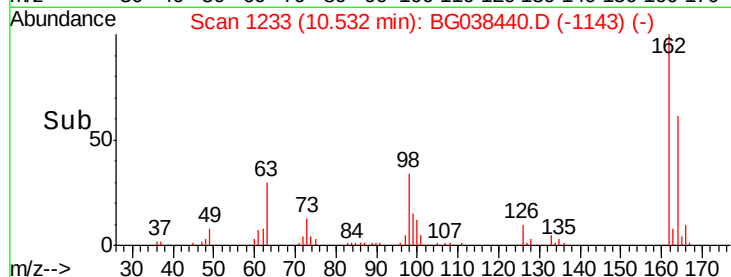
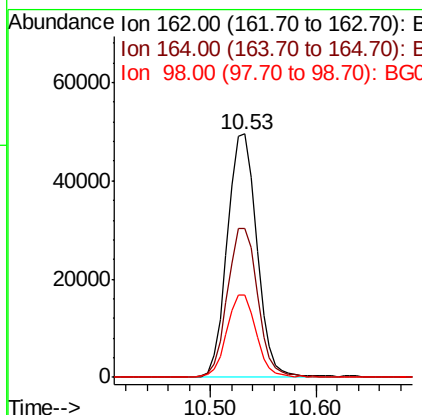
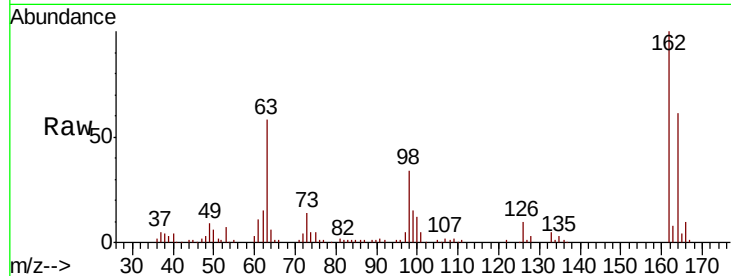




#29
 2,4-Dichlorophenol
 Concen: 43.398 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

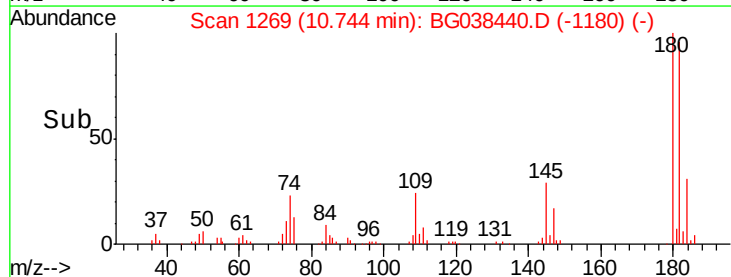
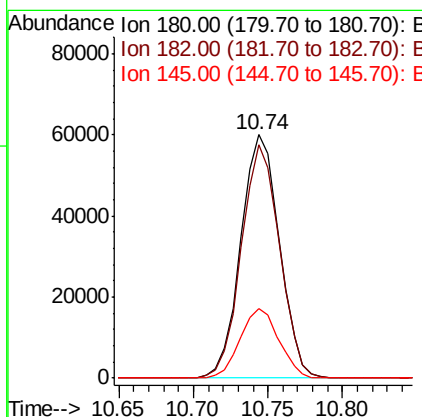
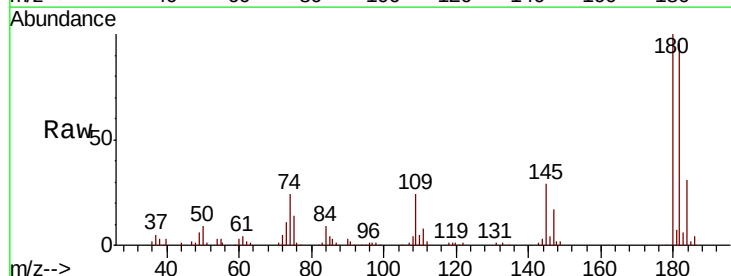
Instrument :
 BNA_G
 ClientSampleId :

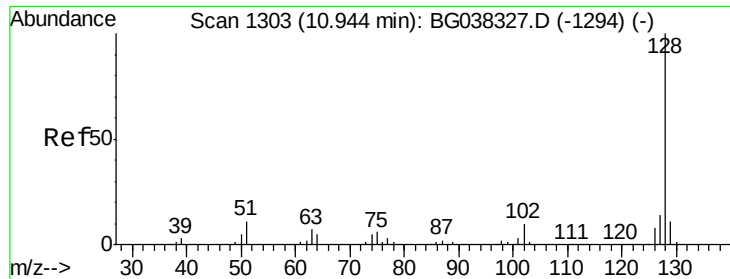
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	43.2	83.2
98	33.9	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 41.163 ng
 RT: 10.74 min Scan# 1269
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	77.7	116.5
145	28.6	23.3	34.9

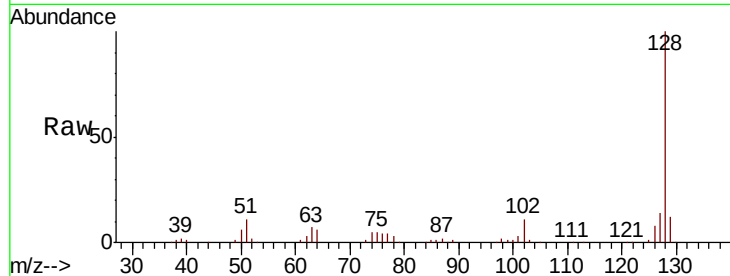




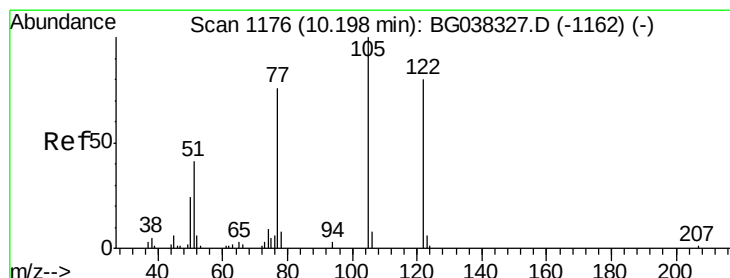
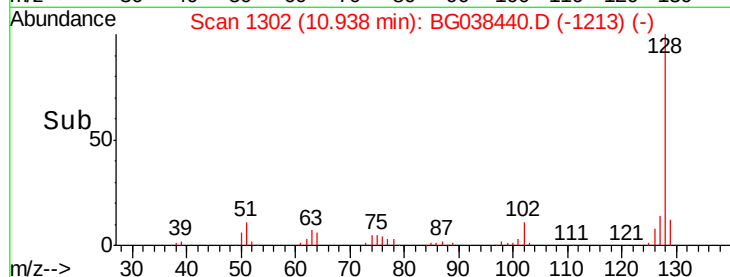
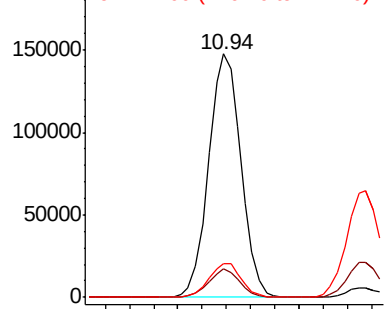
#31
Naphthalene
Concen: 40.280 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 274657
Ion Ratio Lower Upper
128 100
129 11.6 9.0 13.6
127 13.8 11.1 16.7

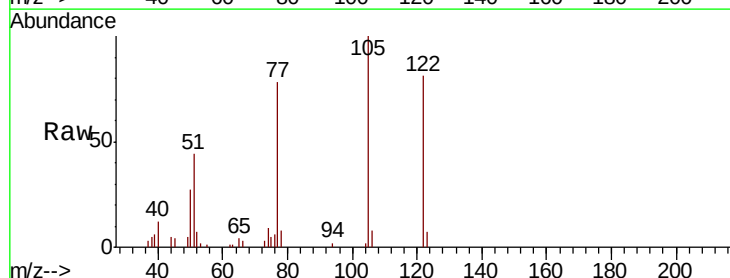


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

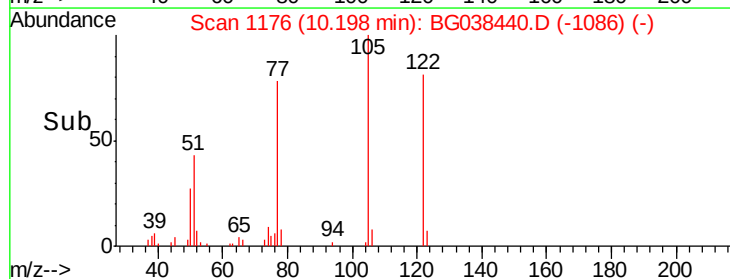
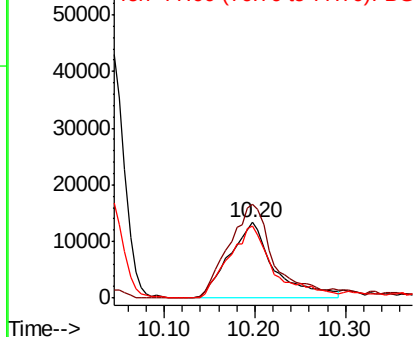


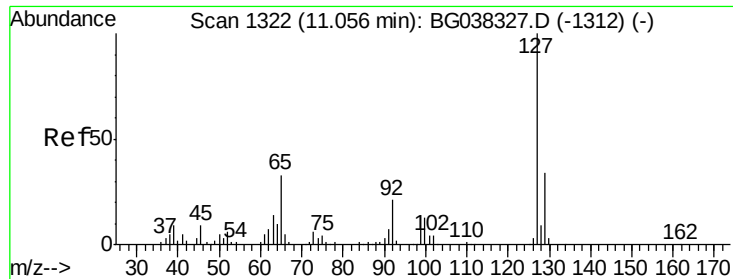
#32
Benzoic acid
Concen: 34.962 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:122 Resp: 46273
Ion Ratio Lower Upper
122 100
105 123.3 106.7 146.7
77 95.7 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

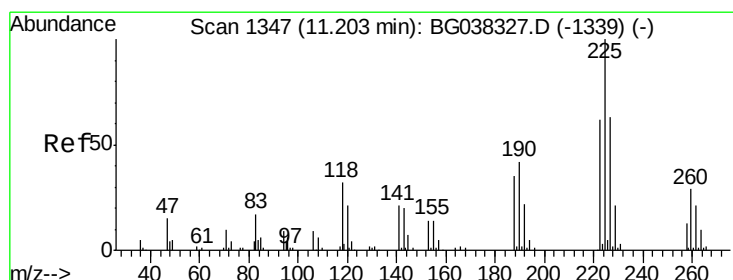
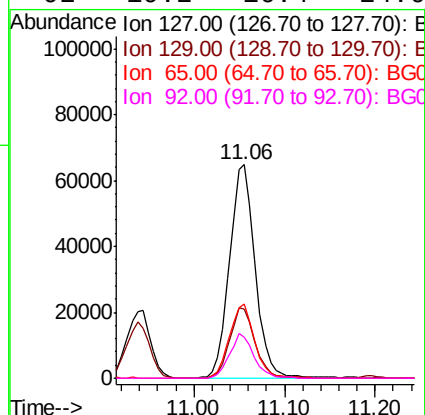
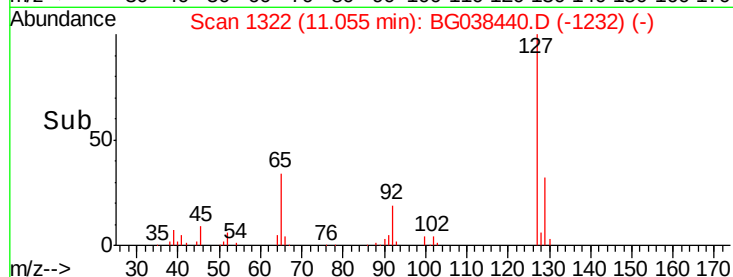
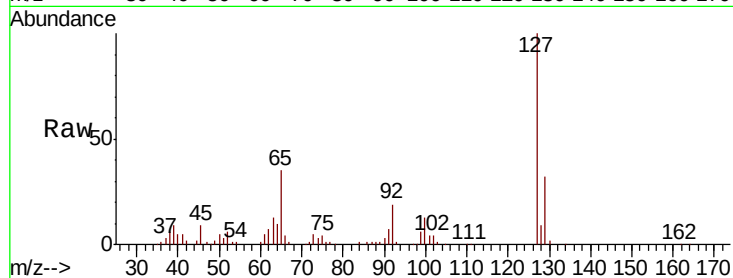




#33
4-Chloroaniline
Concen: 42.364 ng
RT: 11.06 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

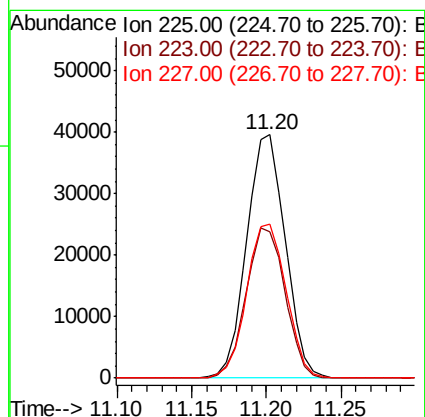
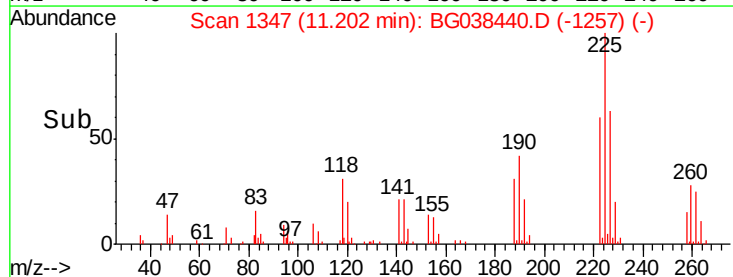
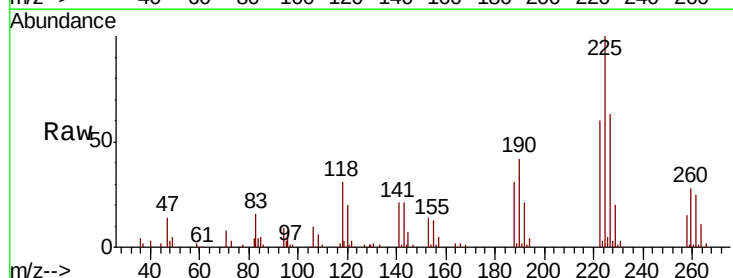
Instrument :
BNA_G
ClientSampleId :

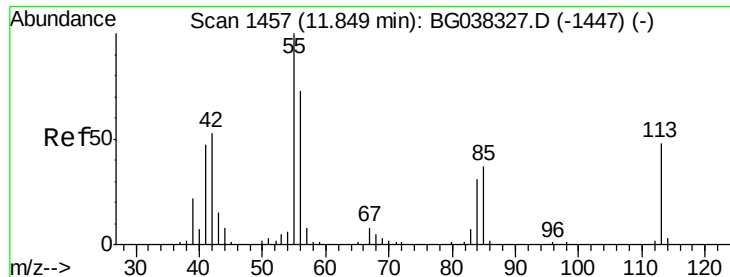
Tot Ion:	127	Resp:	127877
Ion	Ratio	Lower	Upper
127	100		
129	32.5	27.1	40.7
65	34.6	26.6	39.8
92	19.2	16.4	24.6



#34
Hexachlorobutadiene
Concen: 43.388 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:	225	Resp:	70712
Ion	Ratio	Lower	Upper
225	100		
223	60.6	48.2	72.4
227	62.6	51.6	77.4





#35

Caprolactam

Concen: 40.192 ng

RT: 11.84 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

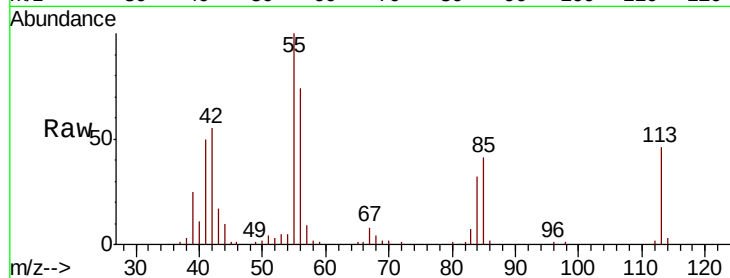
Tot Ion:113 Resp: 36884

Ion Ratio Lower Upper

113 100

55 217.6 176.6 216.6#

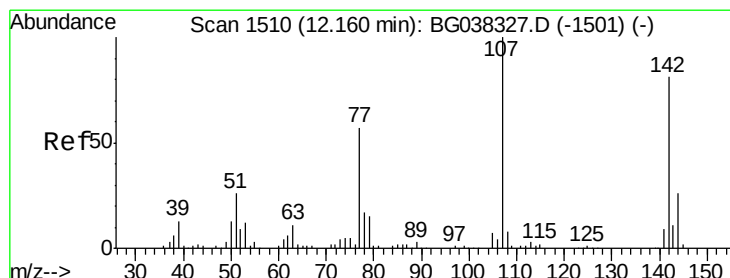
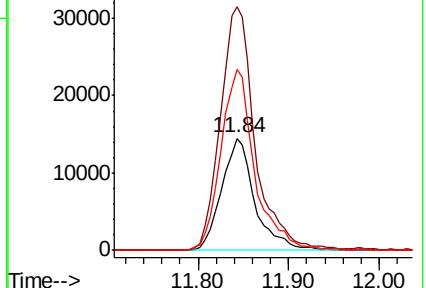
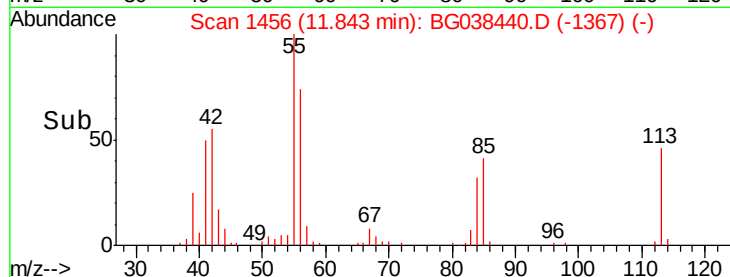
56 162.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038327.D (-1447) (-)

Ion 56.00 (55.70 to 56.70): BG038327.D (-1447) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.669 ng

RT: 12.16 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

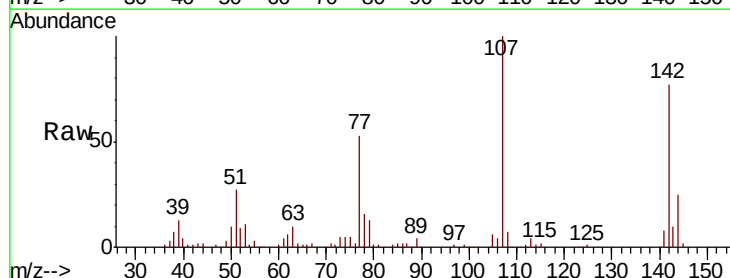
Tgt Ion:107 Resp: 107674

Ion Ratio Lower Upper

107 100

144 24.9 20.7 31.1

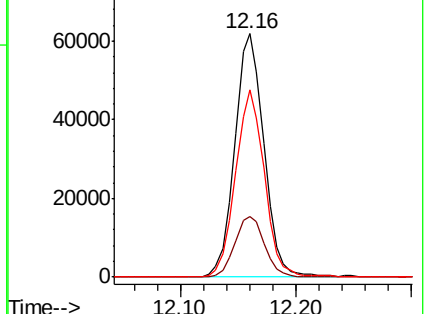
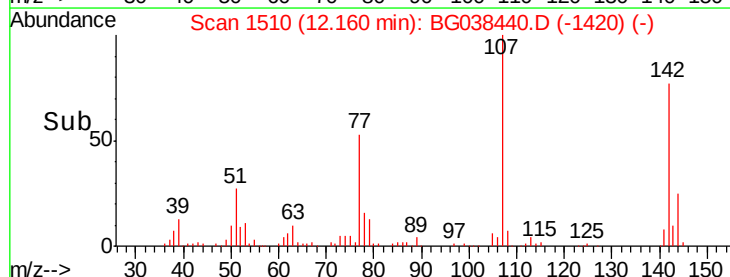
142 76.9 64.4 96.6

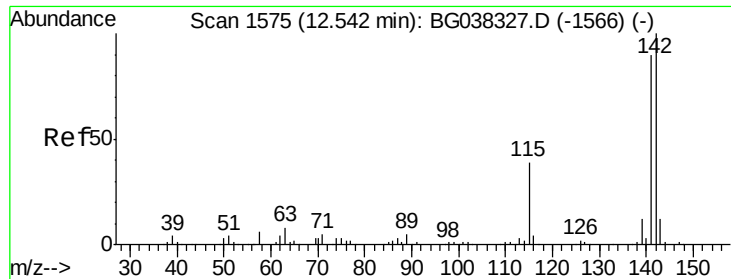


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

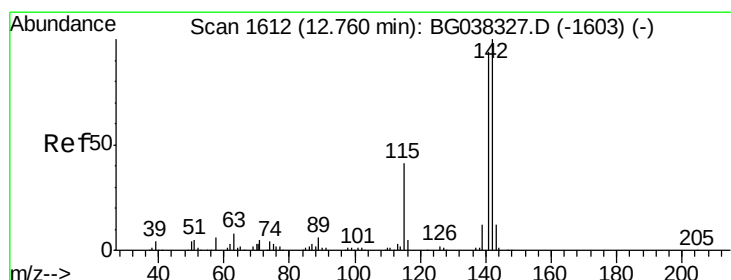
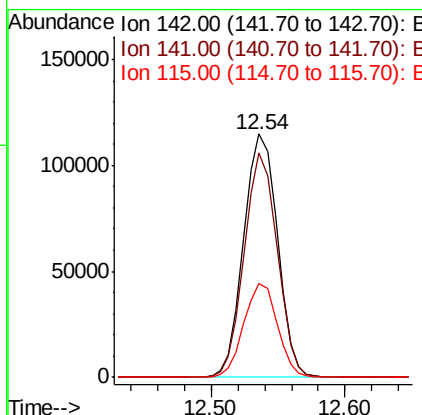
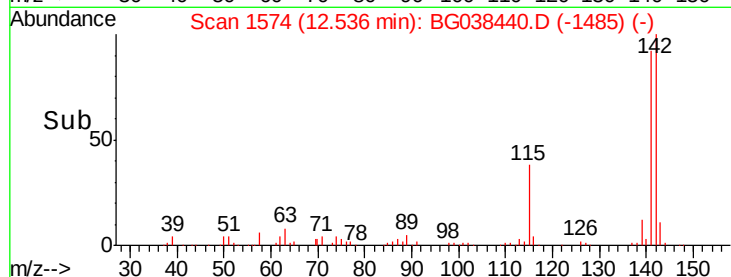
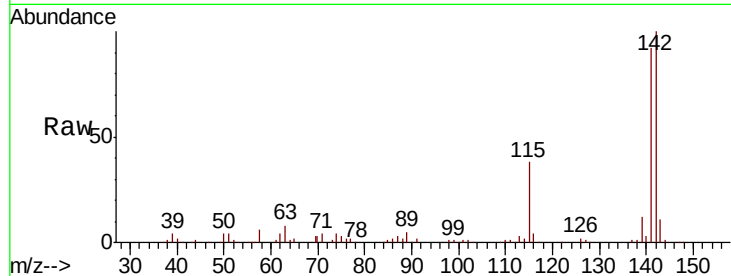




#37
2-Methylnaphthalene
Concen: 41.498 ng
RT: 12.54 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

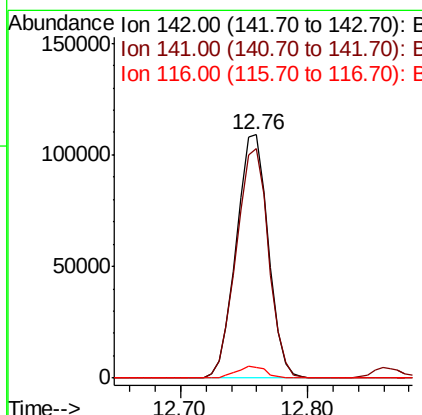
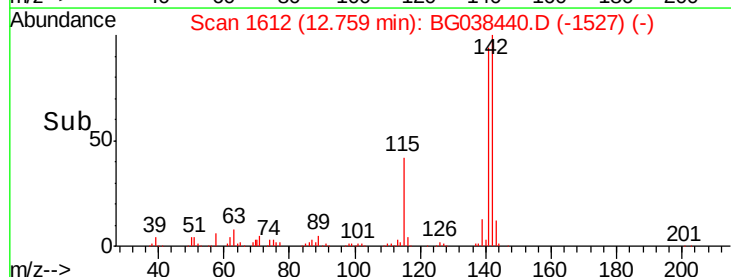
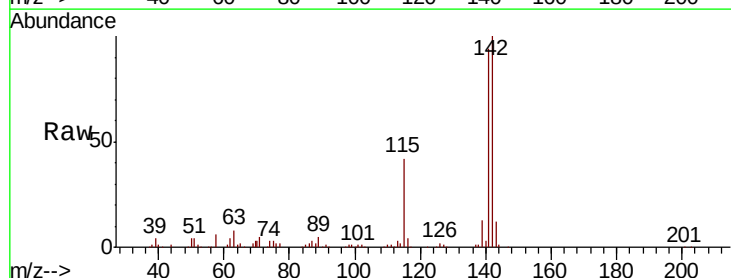
Instrument :
BNA_G
ClientSampleId :

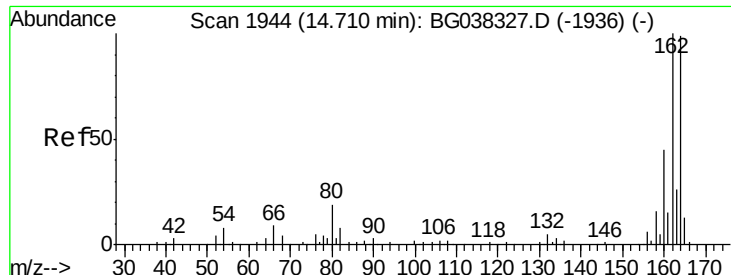
Tot Ion	Ratio	Lower	Upper
142	100		
141	92.2	71.9	107.9
115	38.4	27.8	41.8



#38
1-Methylnaphthalene
Concen: 41.145 ng
RT: 12.76 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.2	112.8
116	4.4	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

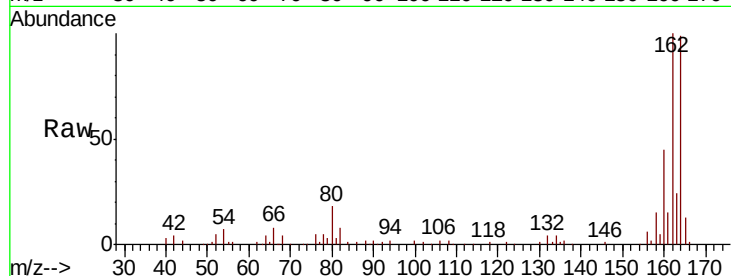
Tot Ion:164 Resp: 92784

Ion Ratio Lower Upper

164 100

162 101.1 81.3 121.9

160 45.0 36.3 54.5

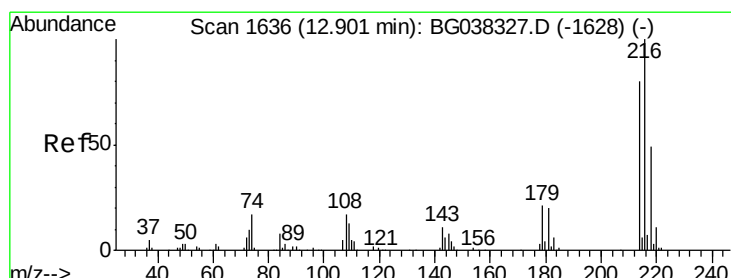
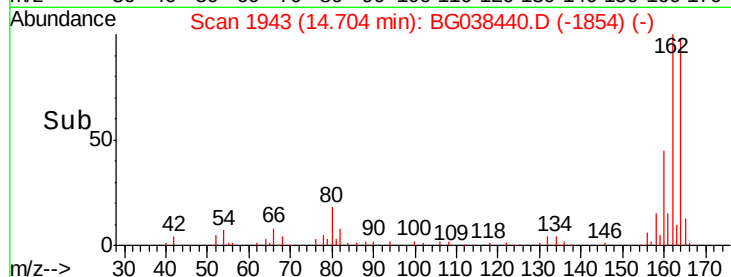
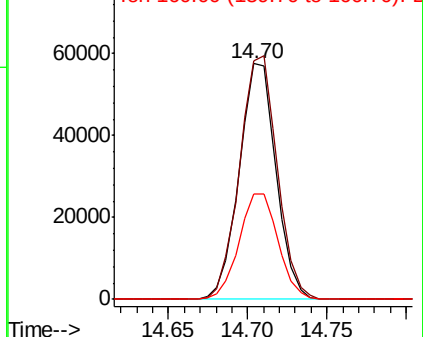


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.845 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion:216 Resp: 133597

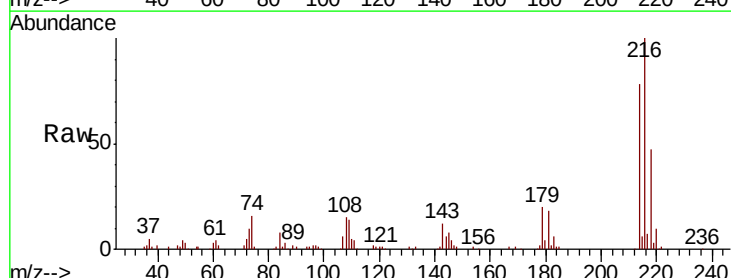
Ion Ratio Lower Upper

216 100

214 78.1 63.8 95.6

179 19.4 17.4 26.0

108 16.8 13.9 20.9



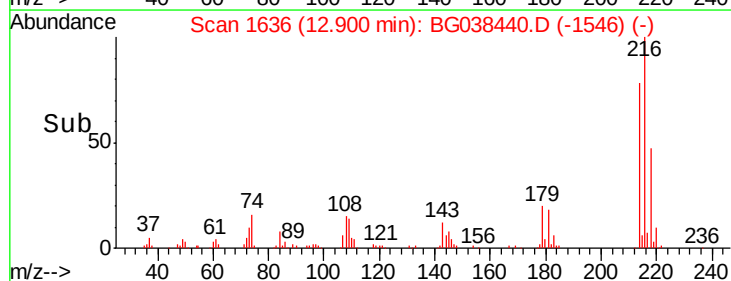
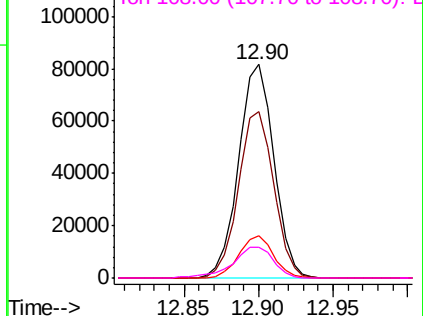
Abundance

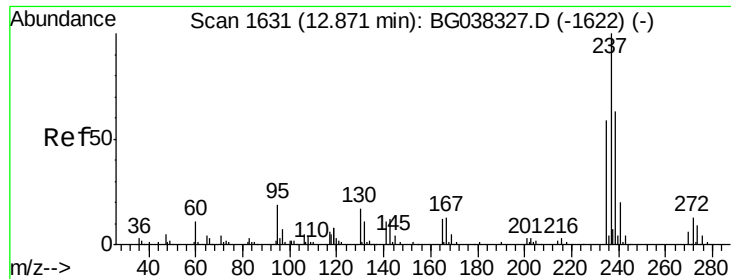
Ion 216.00 (215.70 to 216.70): E

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: 37.958 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

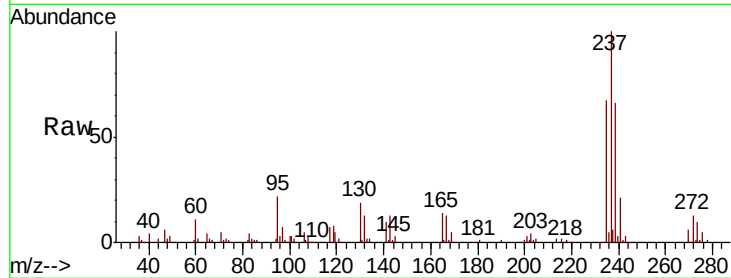
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 66597

Ion	Ratio	Lower	Upper
237	100		
235	67.1	42.5	82.5
272	12.9	0.0	31.6

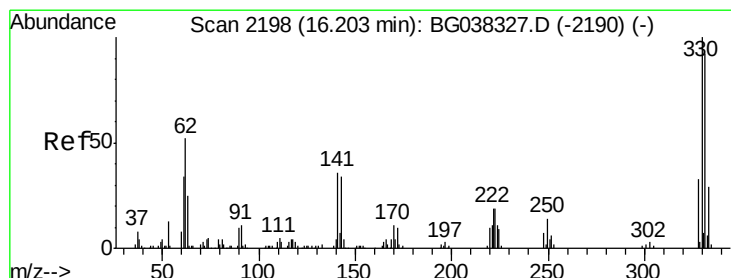
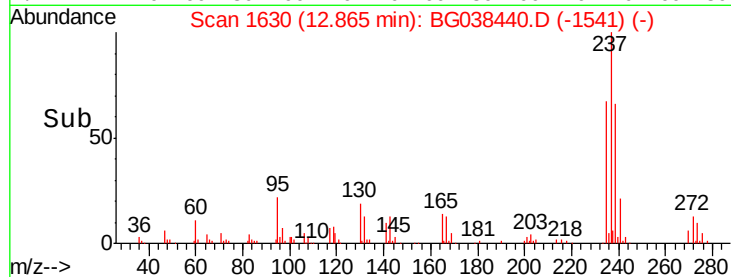
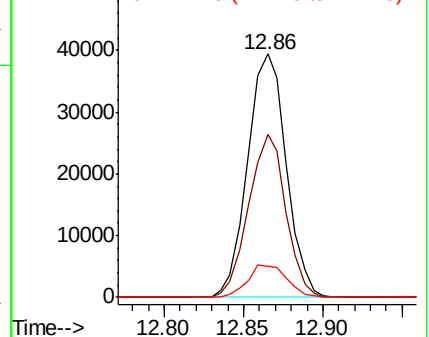


Abundance

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: 87.165 ng

RT: 16.20 min Scan# 2197

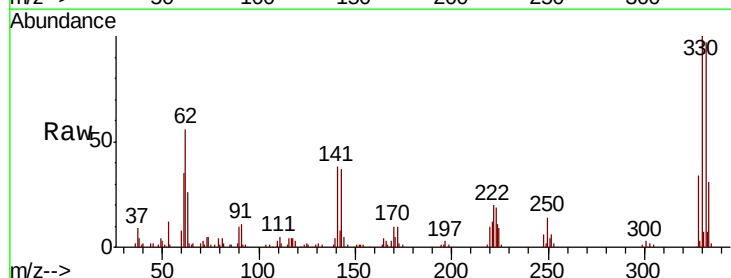
Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion:330 Resp: 99284

Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.4	117.6
141	37.7	32.2	48.2

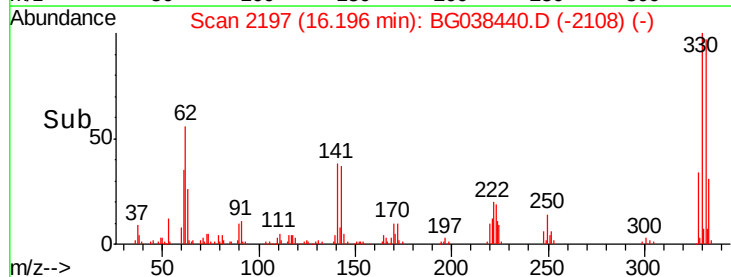
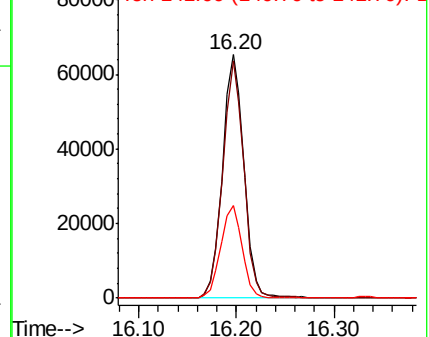


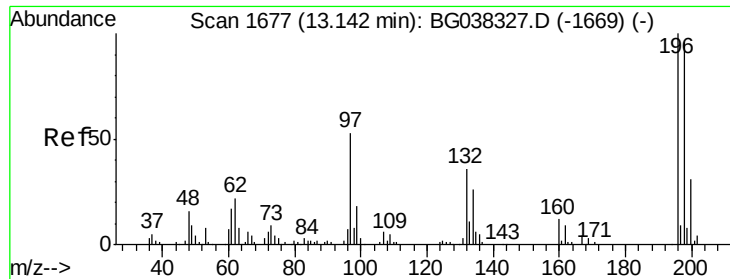
Abundance

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

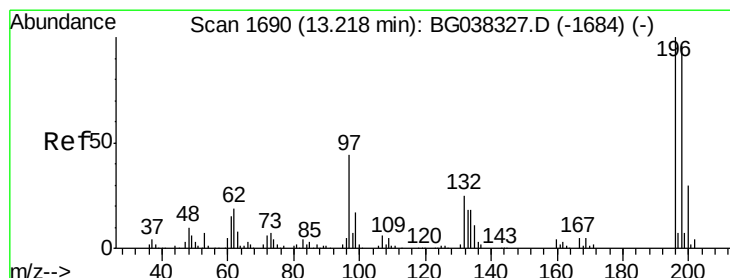
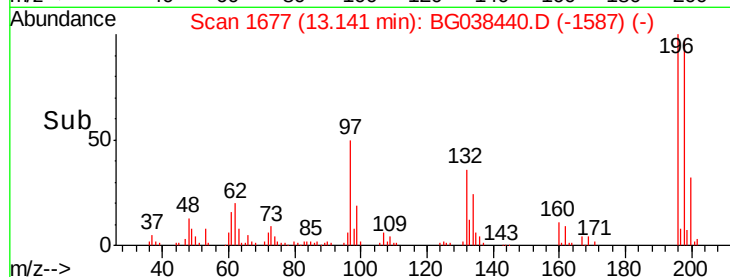
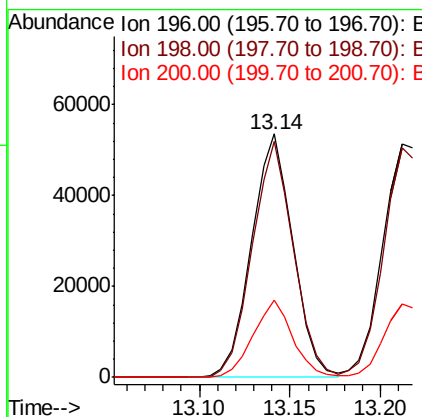
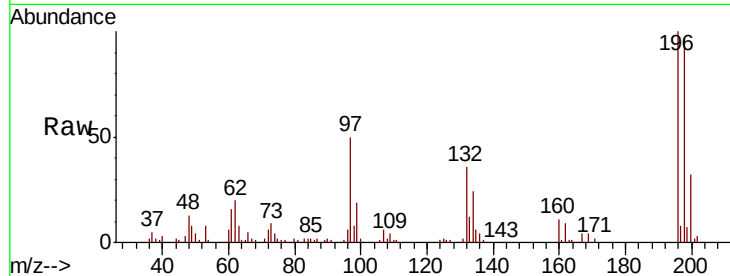




#43
 2,4,6-Trichlorophenol
 Concen: 41.099 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

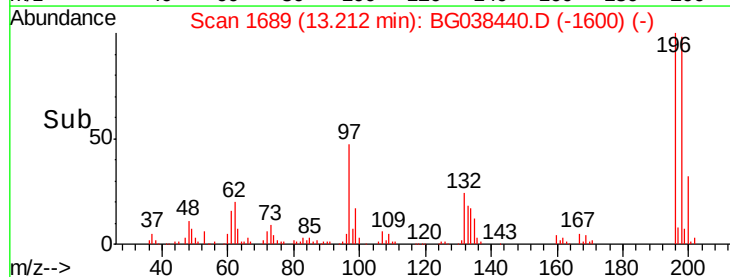
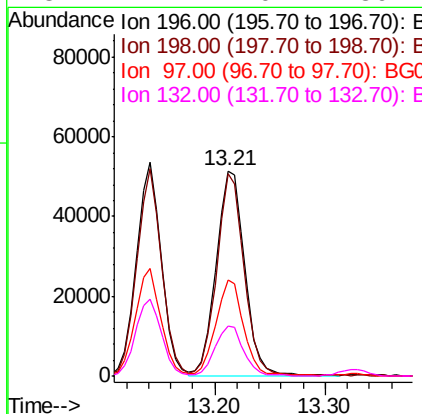
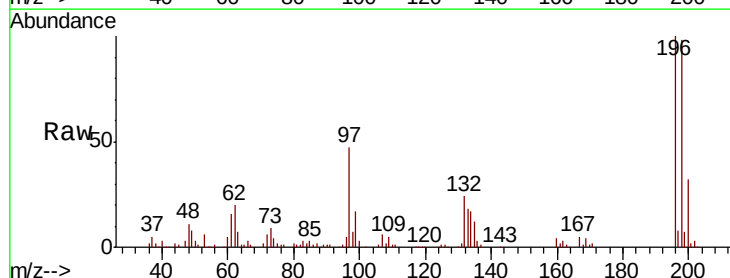
Instrument :
 BNA_G
 ClientSampleId :

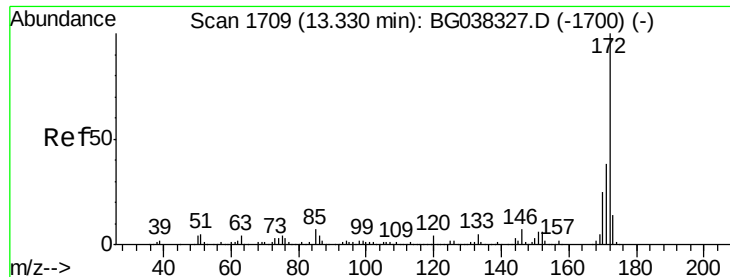
Tot Ion:196 Resp: 85001
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.4 114.6
 200 31.9 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 42.455 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion:196 Resp: 93019
 Ion Ratio Lower Upper
 196 100
 198 98.5 74.2 111.2
 97 47.0 34.1 51.1
 132 24.1 20.2 30.4

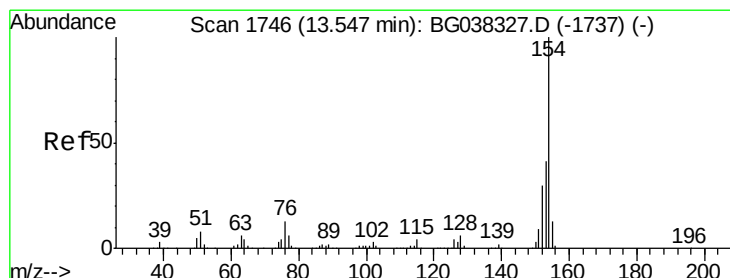
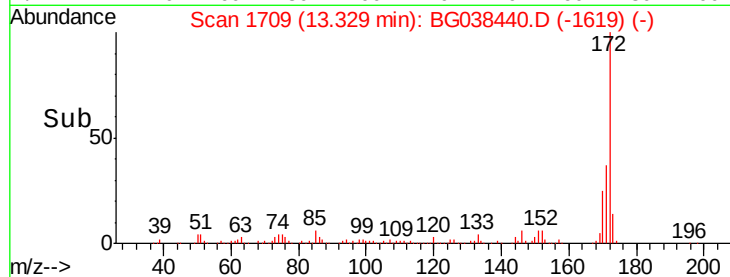
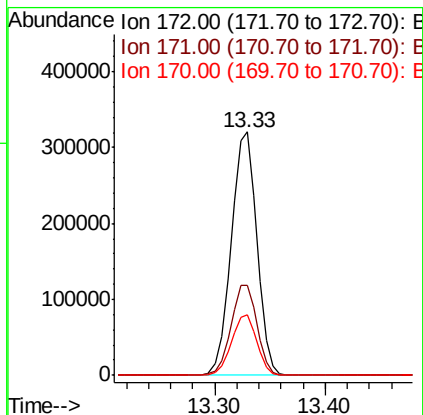
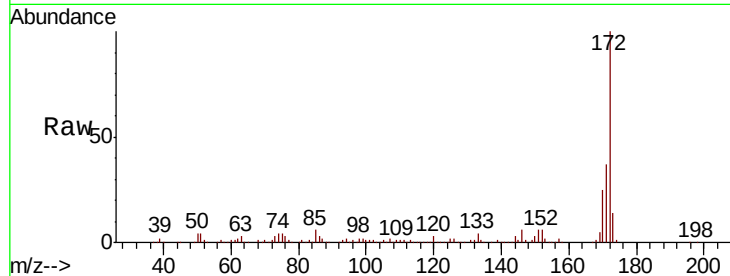




#45
2-Fluorobiphenyl
Concen: 80.168 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

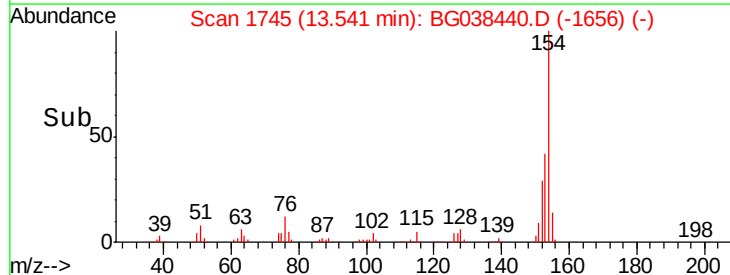
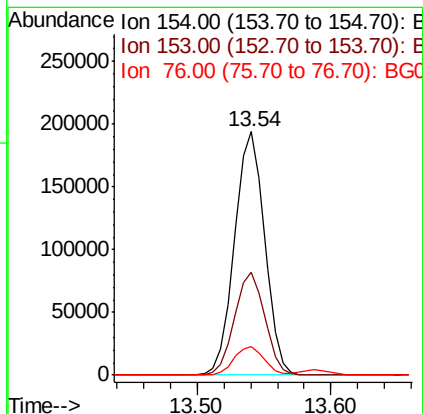
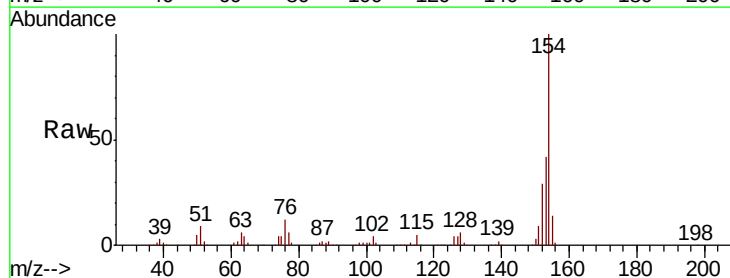
Instrument :
BNA_G
ClientSampleId :

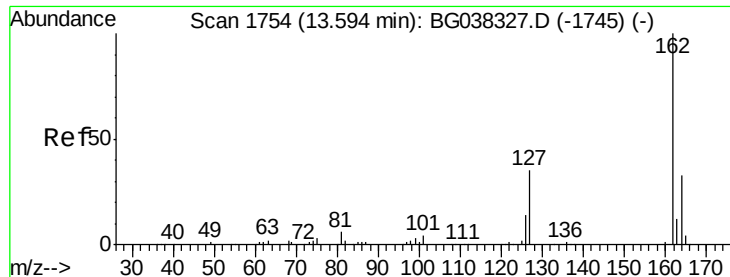
Tot Ion:172 Resp: 522019
Ion Ratio Lower Upper
172 100
171 37.0 31.0 46.4
170 24.8 20.2 30.2



#46
1,1'-Biphenyl
Concen: 38.713 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:154 Resp: 303621
Ion Ratio Lower Upper
154 100
153 42.4 22.1 62.1
76 11.7 0.0 33.2

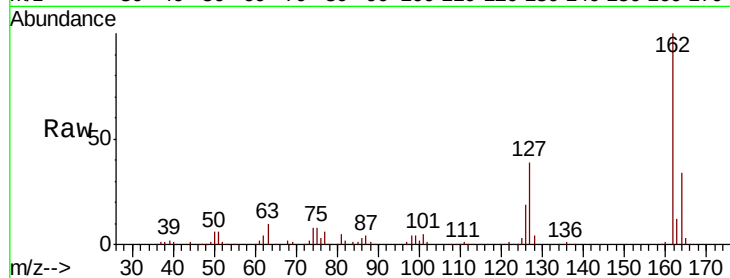




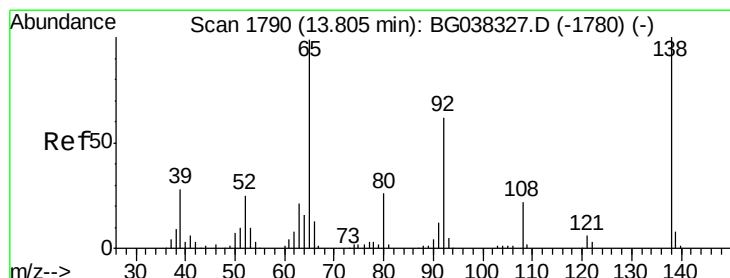
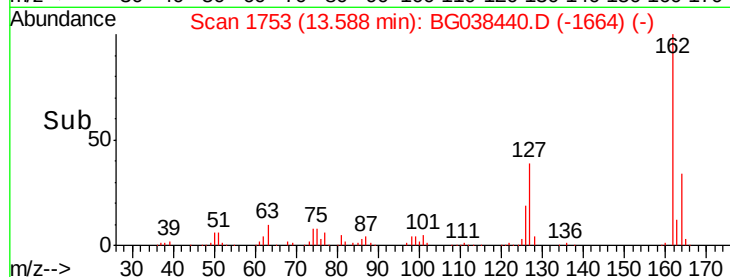
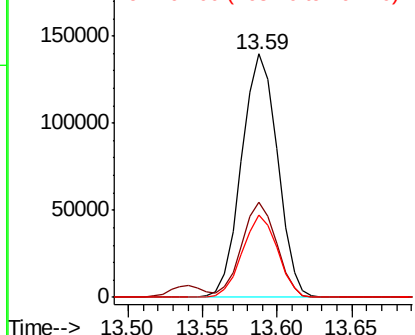
#47
 2-Chloronaphthalene
 Concen: 39.373 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	30.5	45.7
164	34.0	26.4	39.6

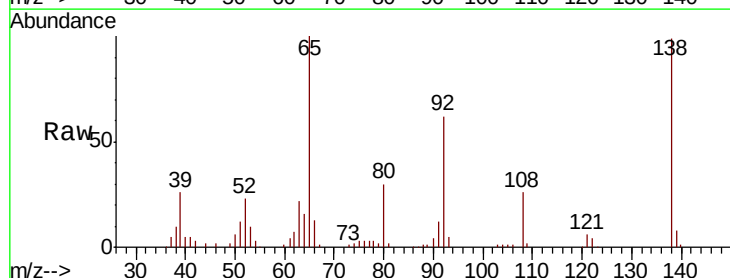


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

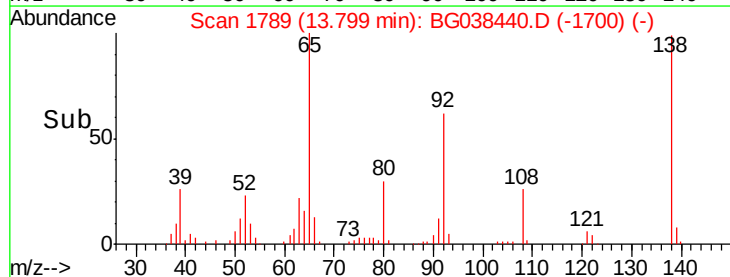
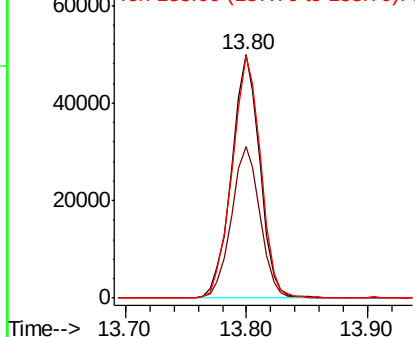


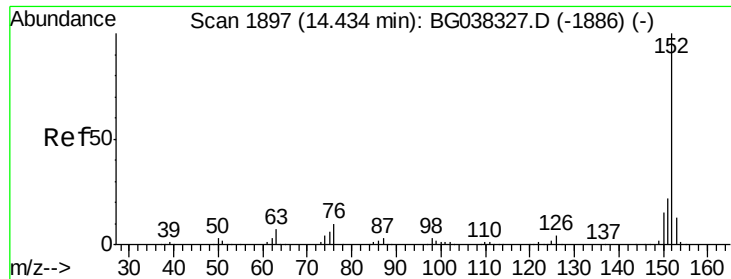
#48
 2-Nitroaniline
 Concen: 40.926 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	62.4	53.2	79.8
138	99.4	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: 39.788 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

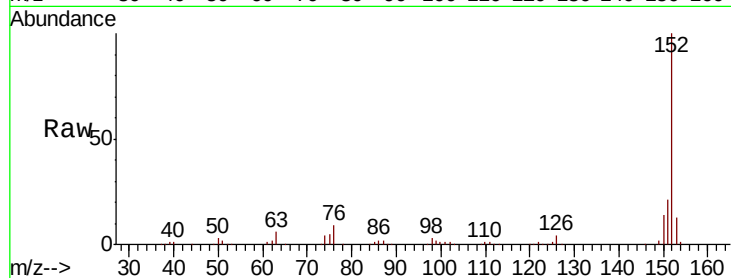
Tot Ion:152 Resp: 354643

Ion Ratio Lower Upper

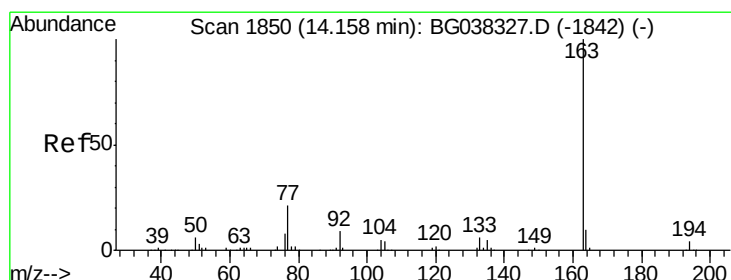
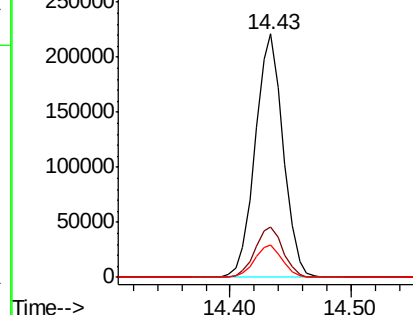
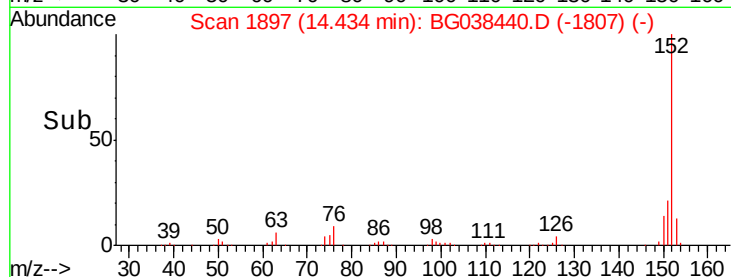
152 100

151 20.5 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: 40.068 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

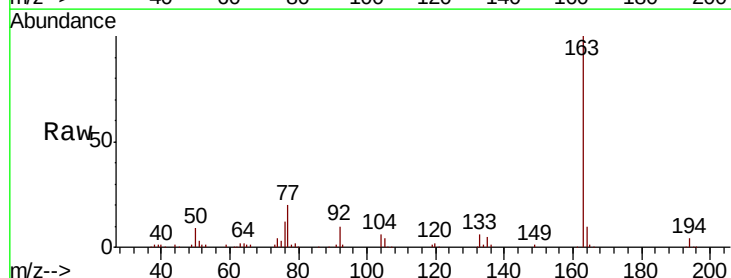
Tgt Ion:163 Resp: 298190

Ion Ratio Lower Upper

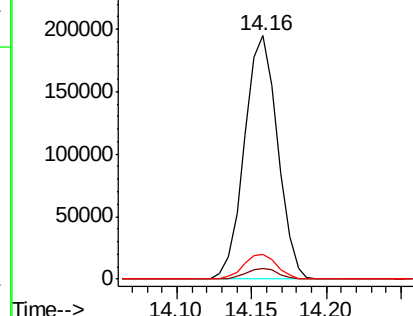
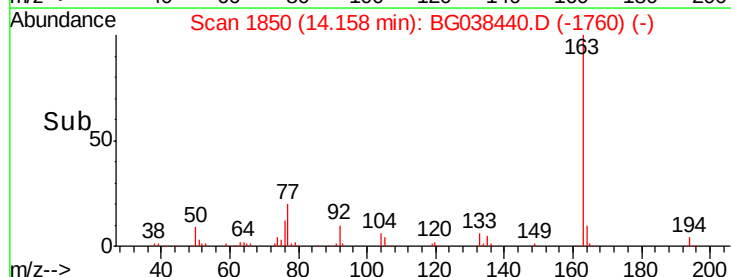
163 100

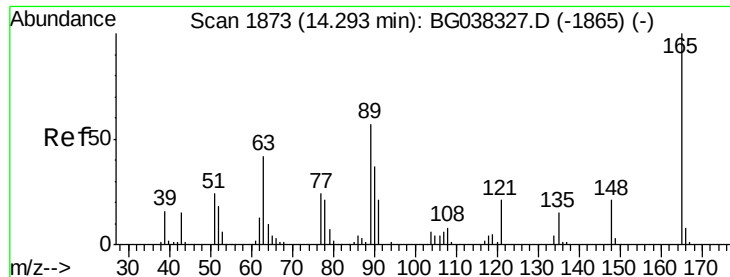
194 4.3 3.5 5.3

164 10.2 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

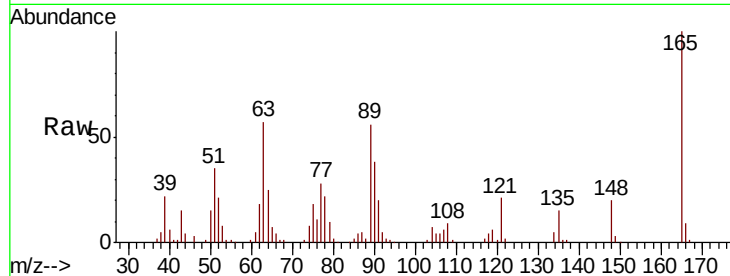




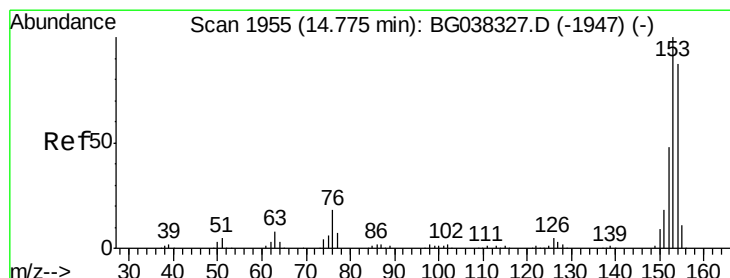
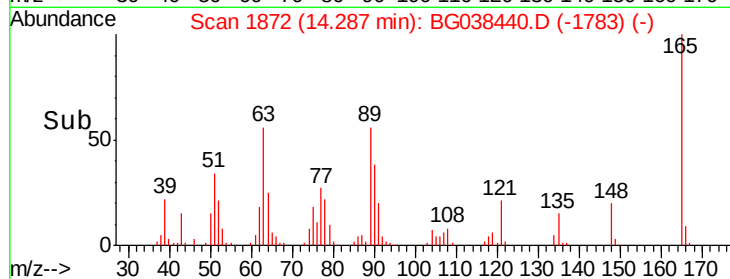
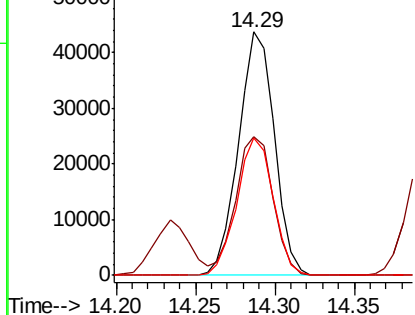
#51
 2,6-Dinitrotoluene
 Concen: 40.476 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 68809
 Ion Ratio Lower Upper
 165 100
 63 57.0 43.4 65.2
 89 56.5 45.8 68.6

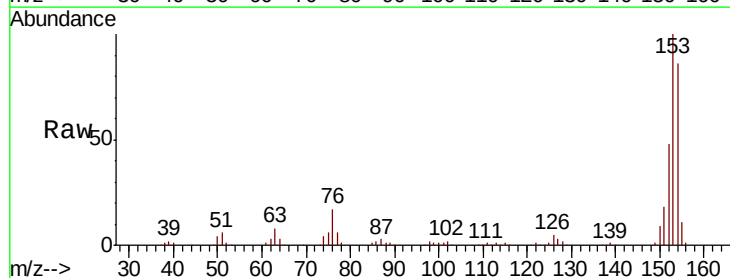


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

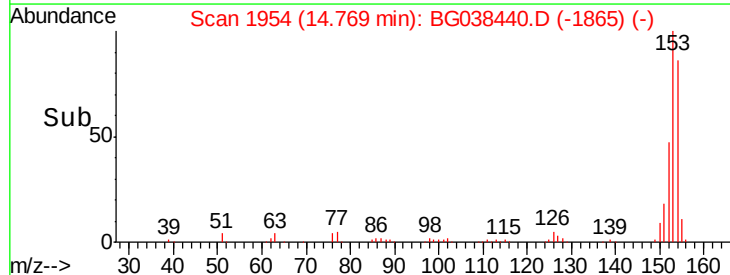
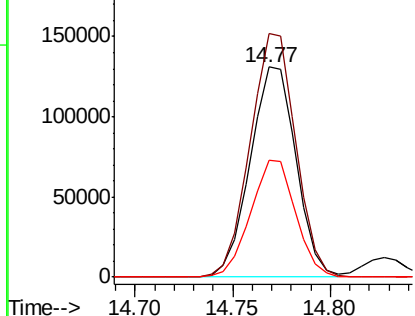


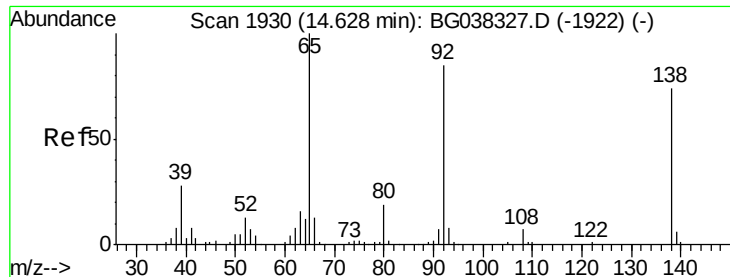
#52
 Acenaphthene
 Concen: 39.255 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion:154 Resp: 213304
 Ion Ratio Lower Upper
 154 100
 153 115.8 93.4 140.0
 152 55.5 44.7 67.1



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





#53

3-Nitroaniline

Concen: 39.696 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

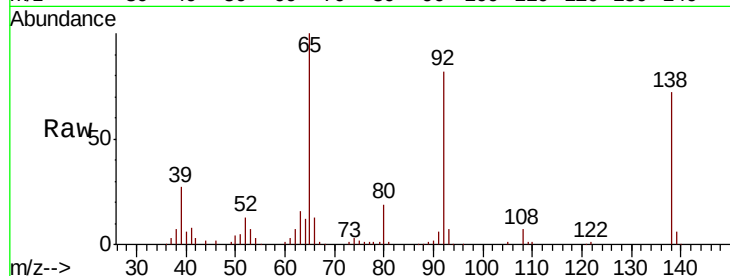
Tot Ion:138 Resp: 72679

Ion Ratio Lower Upper

138 100

108 10.0 11.0 16.6#

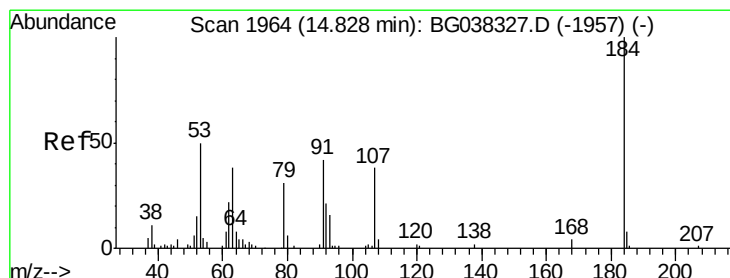
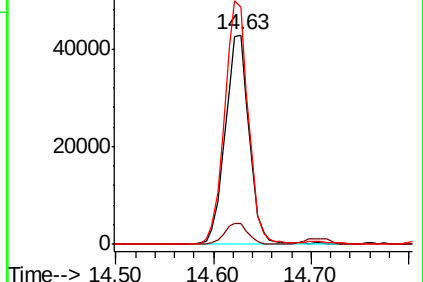
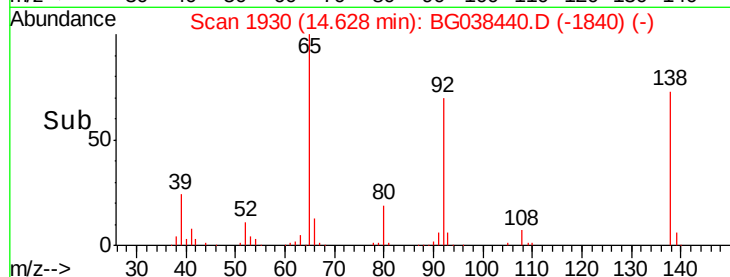
92 113.1 95.2 142.8



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: 35.495 ng

RT: 14.83 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

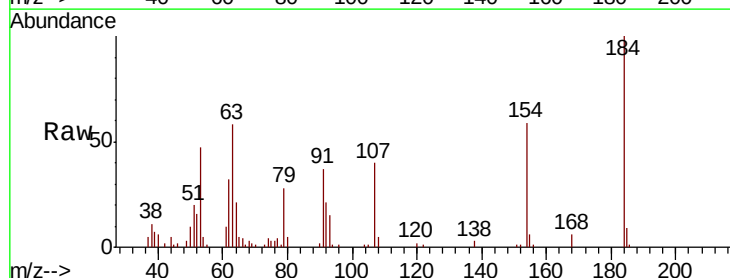
Tgt Ion:184 Resp: 33078

Ion Ratio Lower Upper

184 100

63 58.1 42.6 63.8

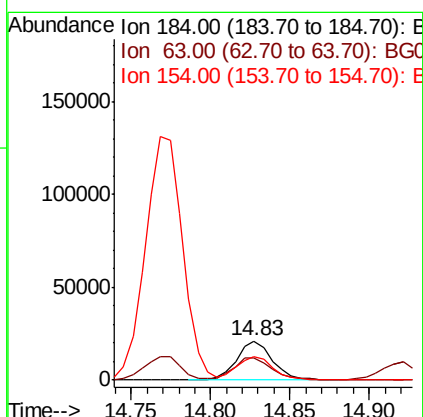
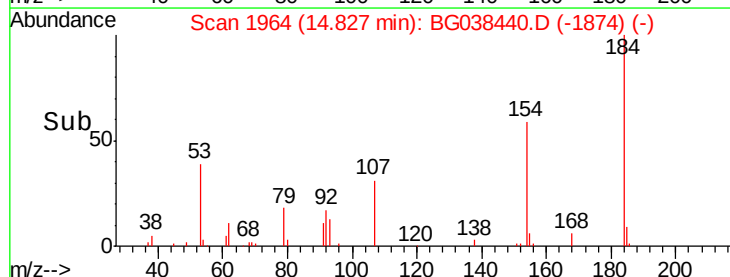
154 58.9 41.8 62.6

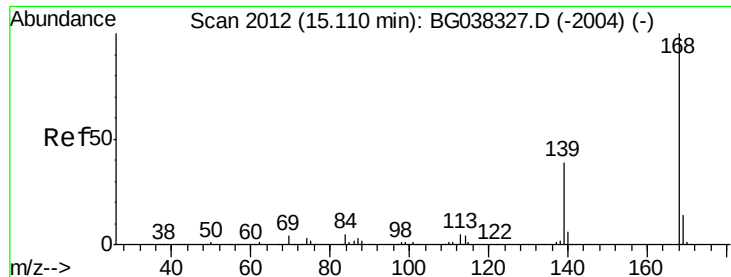


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

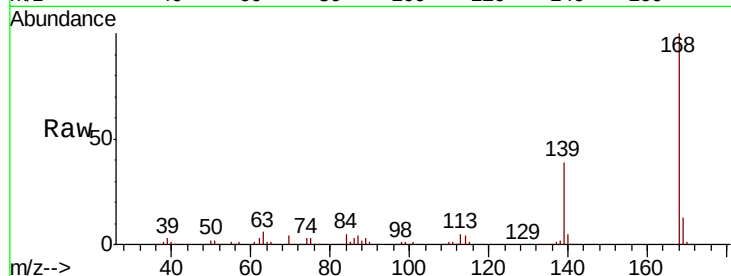




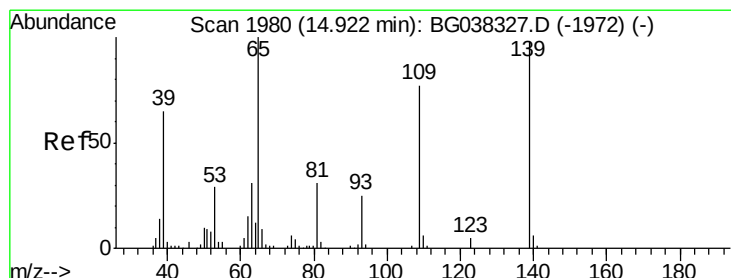
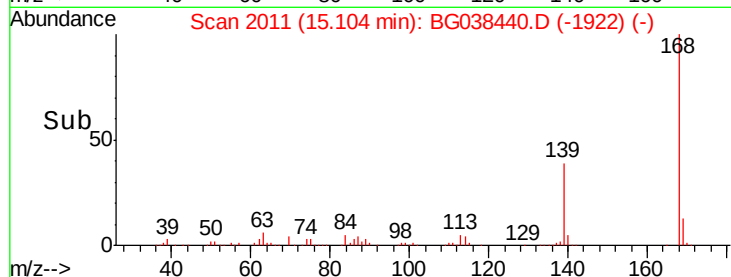
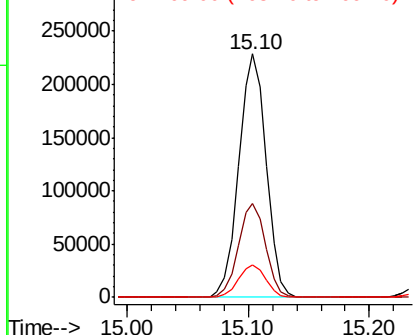
#55
Dibenzofuran
Concen: 40.101 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 360240
Ion Ratio Lower Upper
168 100
139 38.8 29.4 44.0
169 13.5 11.0 16.6

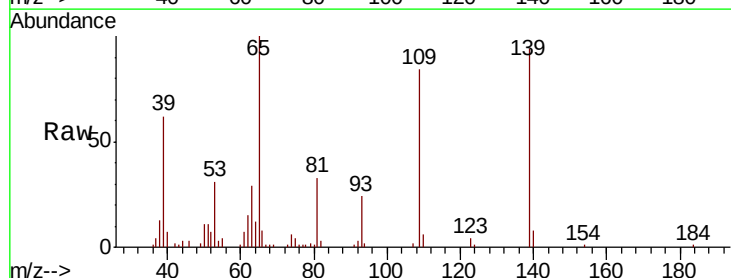


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

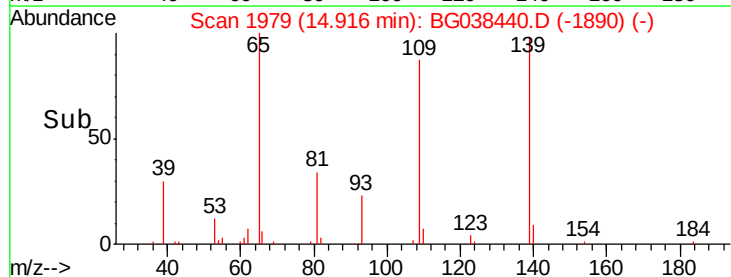
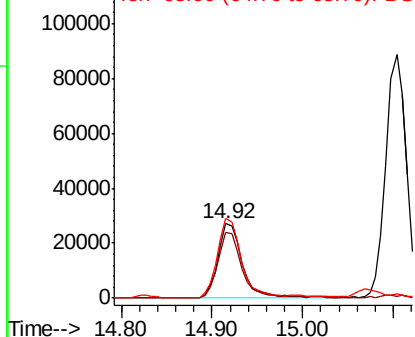


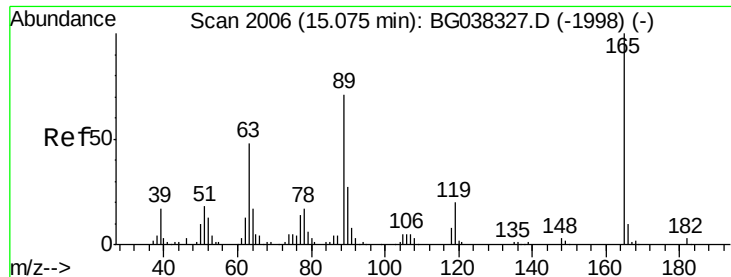
#56
4-Nitrophenol
Concen: 35.551 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:139 Resp: 51417
Ion Ratio Lower Upper
139 100
109 89.4 49.5 89.5
65 106.7 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

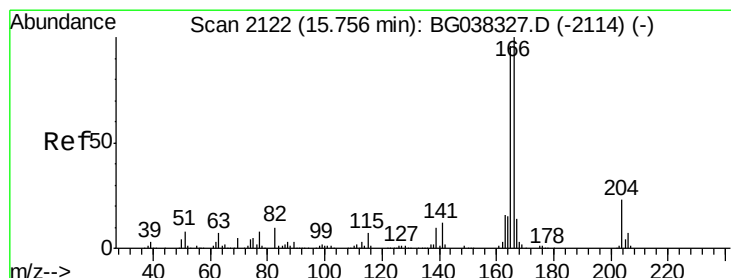
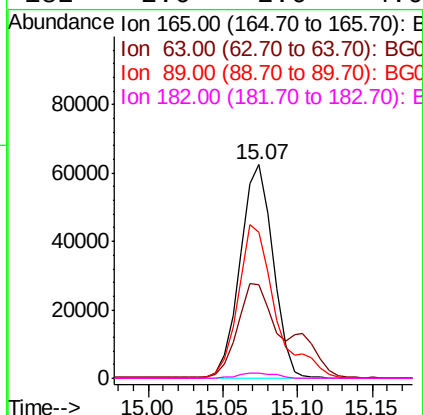
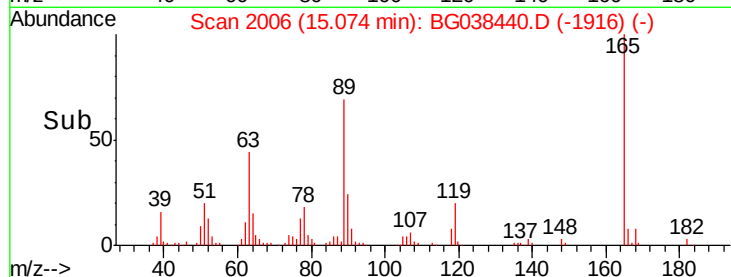
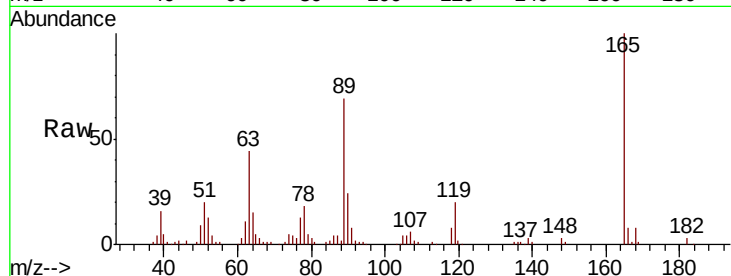




#57
2,4-Dinitrotoluene
Concen: 40.638 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

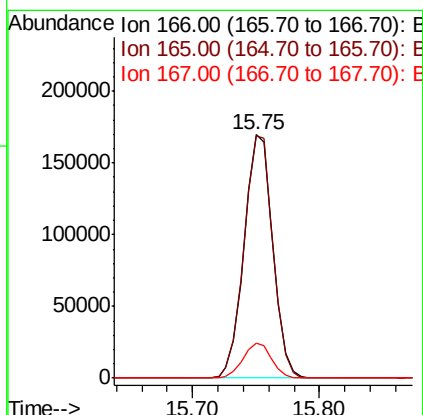
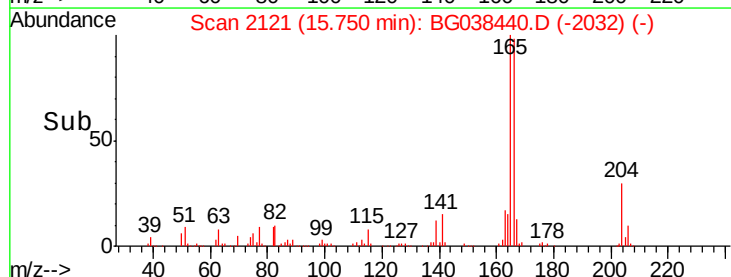
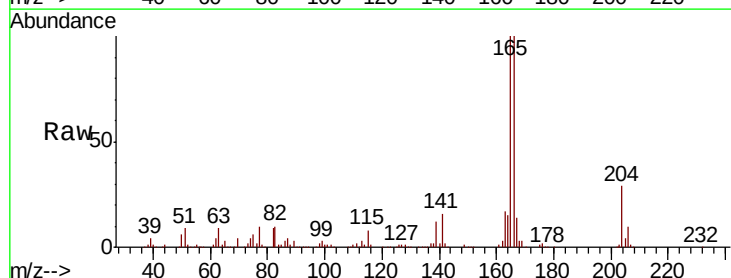
Instrument :
BNA_G
ClientSampleId :

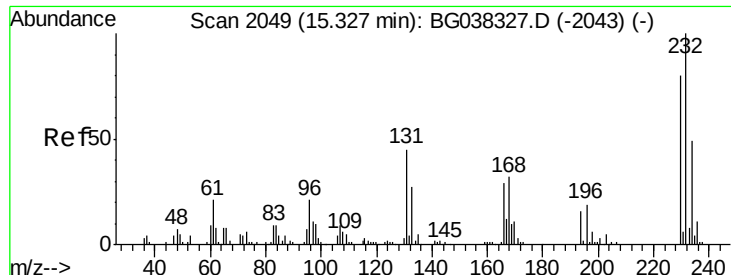
Tot Ion	Ratio	Lower	Upper
165	100		
63	44.0	33.4	50.0
89	68.6	57.2	85.8
182	2.6	2.6	4.0



#58
Fluorene
Concen: 40.177 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.6
167	14.4	11.3	16.9

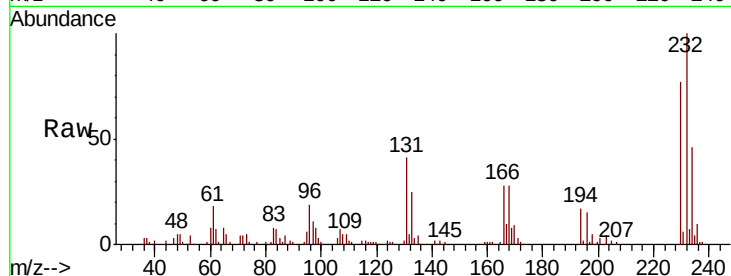




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.154 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	78312
Ion	Ratio	Lower	Upper
232	100		
131	44.2	33.7	50.5
130	2.9	2.1	3.1
166	30.3	24.6	36.8



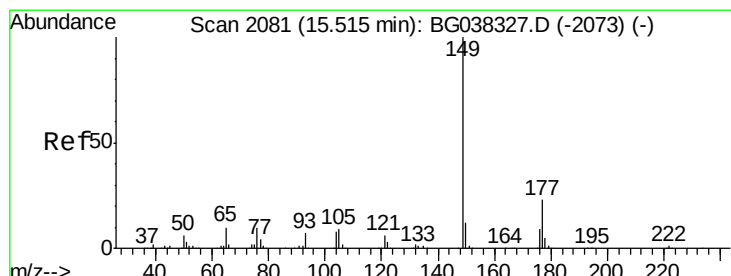
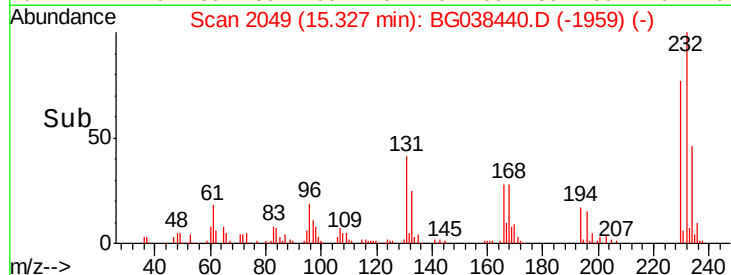
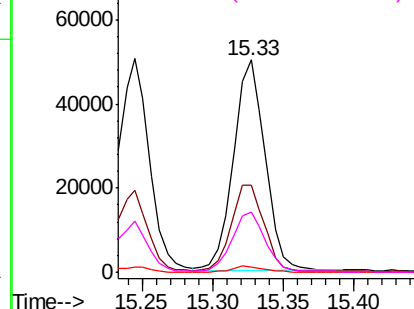
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

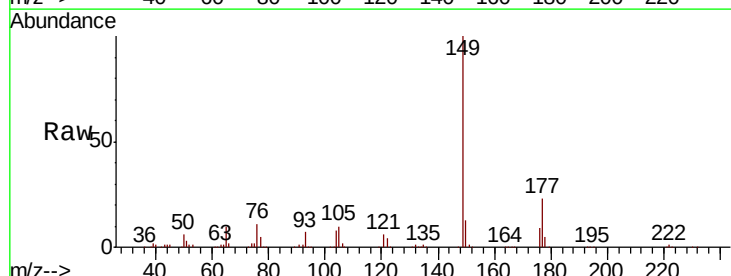
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.566 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion:	149	Resp:	317972
Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.3	27.5
150	12.9	10.0	15.0

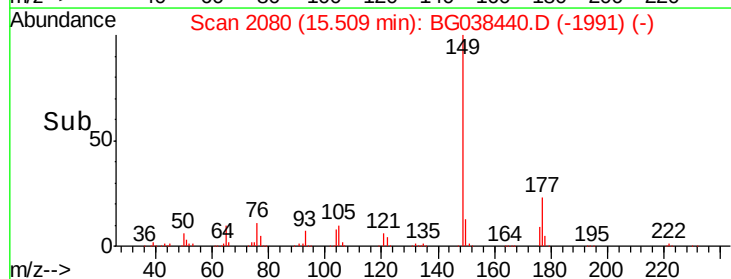
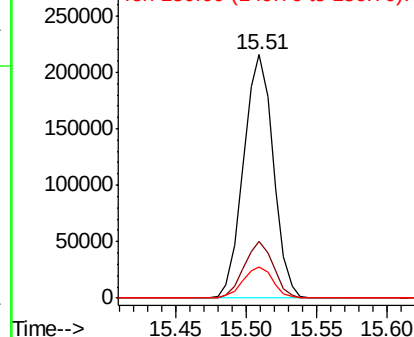


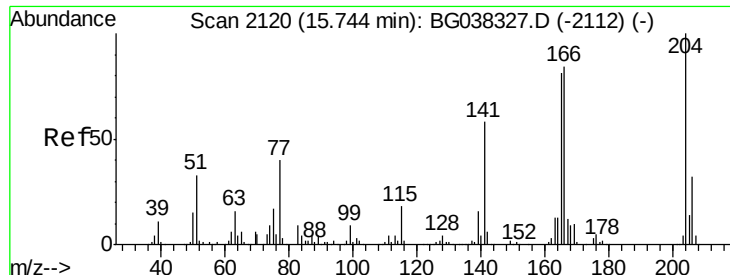
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

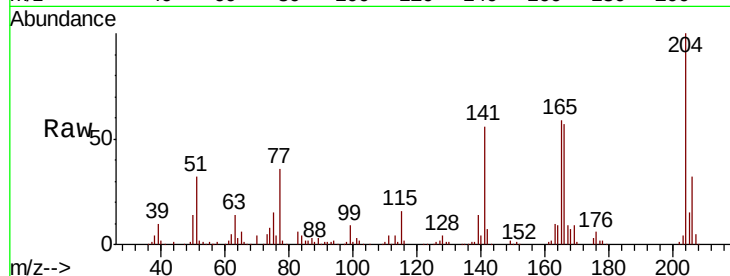




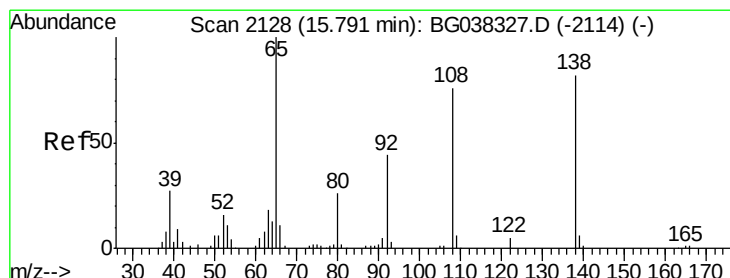
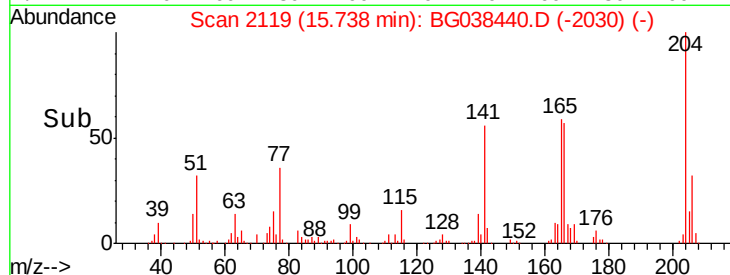
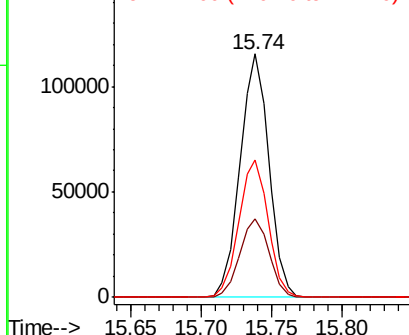
#61
4-Chlorophenyl-phenylether
Concen: 41.483 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 164907
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 56.4 45.4 68.2

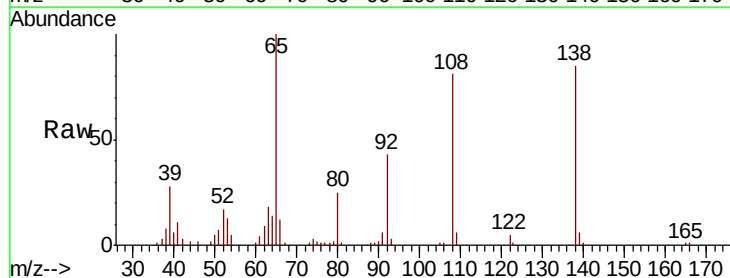


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

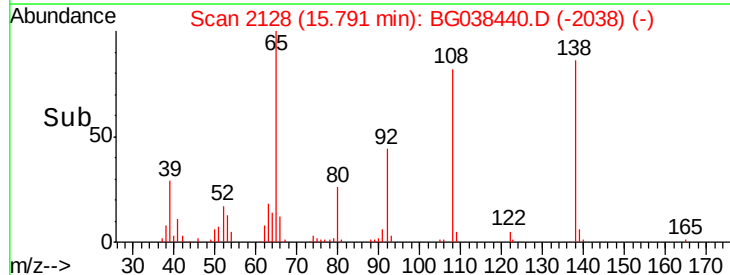
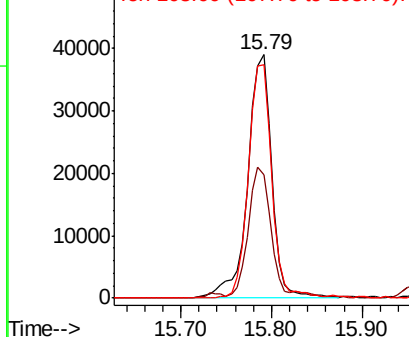


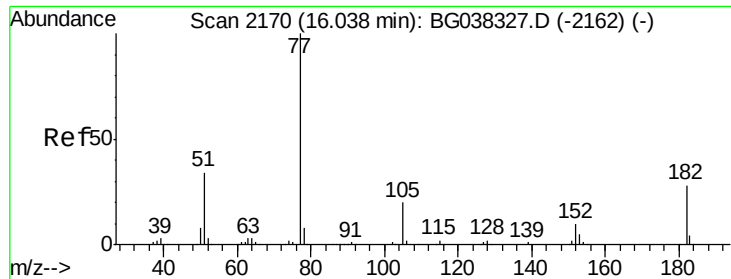
#62
4-Nitroaniline
Concen: 39.781 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:138 Resp: 71637
Ion Ratio Lower Upper
138 100
92 50.8 36.4 76.4
108 95.8 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

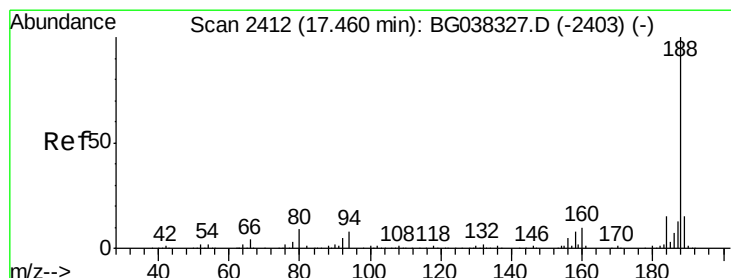
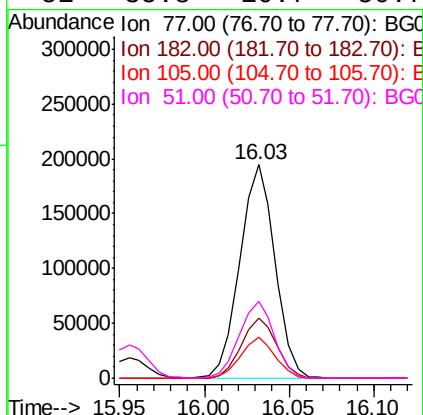
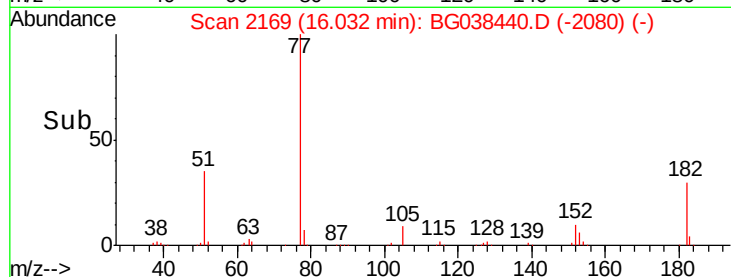
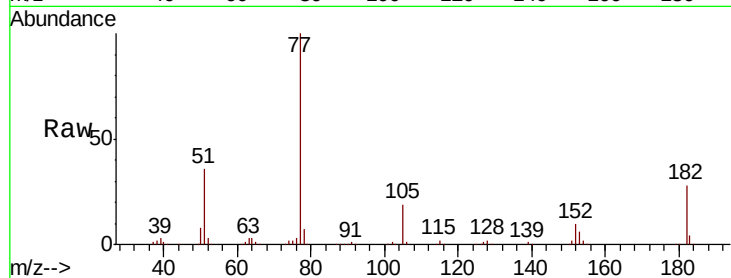




#63
Azobenzene
Concen: 38.877 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

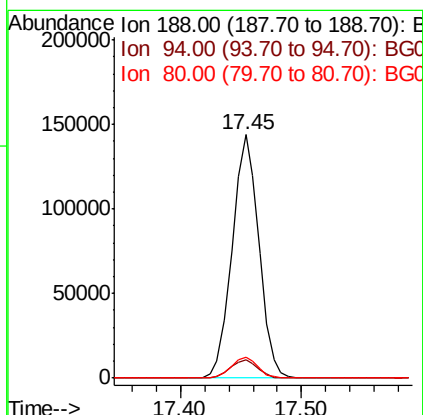
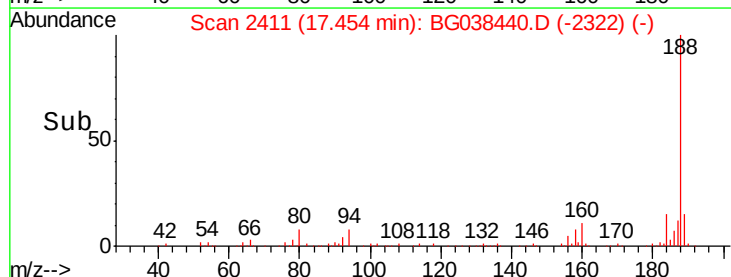
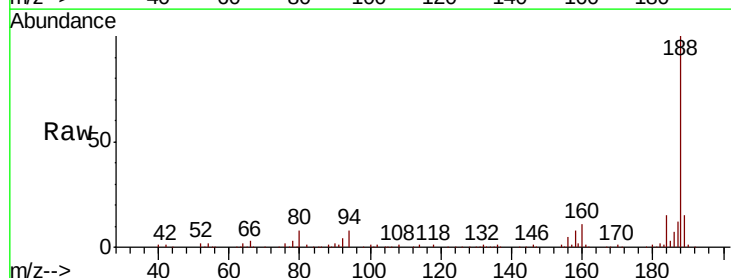
Instrument :
BNA_G
ClientSampleId :

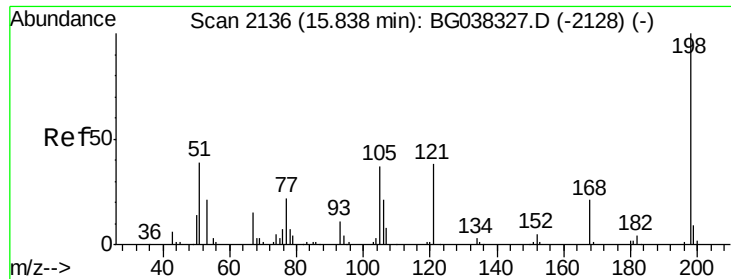
Tot Ion:	77	Resp:	280528
Ion	Ratio	Lower	Upper
77	100		
182	28.2	8.0	48.0
105	19.4	1.3	41.3
51	35.8	10.7	50.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:	188	Resp:	221293
Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	8.3	7.7	11.5





#65

4,6-Dinitro-2-methylphenol

Concen: 42.036 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

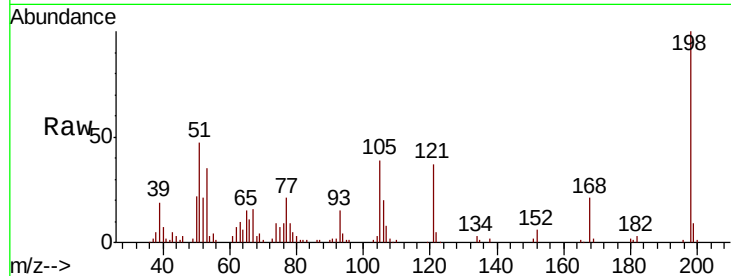
Tot Ion:198 Resp: 60949

Ion Ratio Lower Upper

198 100

51 46.7 22.7 62.7

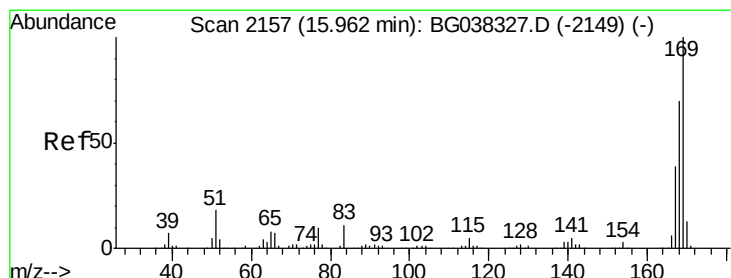
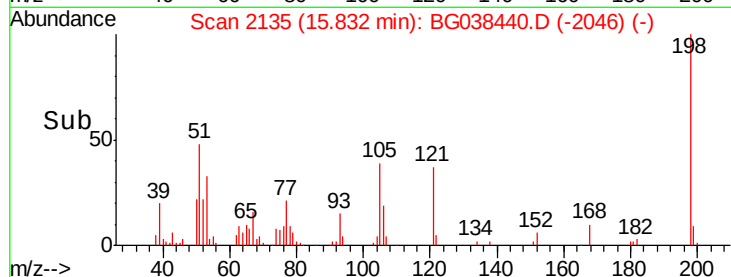
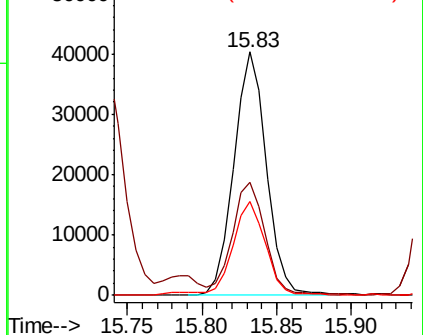
105 38.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.130 ng

RT: 15.96 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

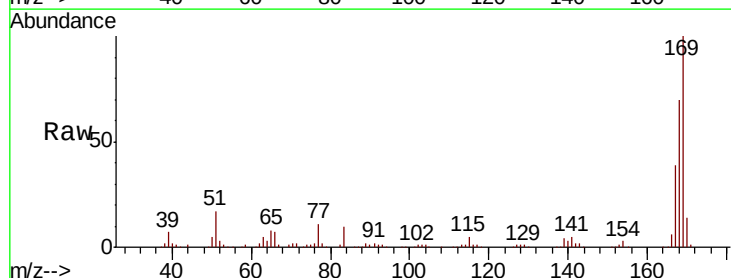
Tgt Ion:169 Resp: 262166

Ion Ratio Lower Upper

169 100

168 70.3 55.7 83.5

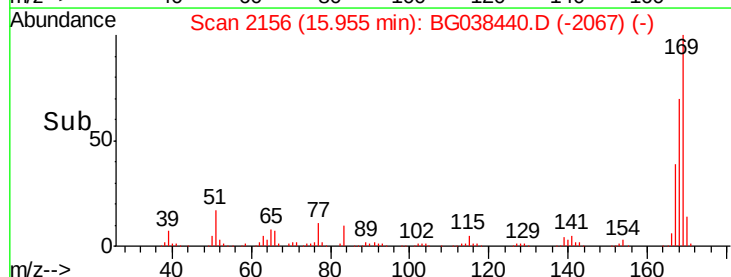
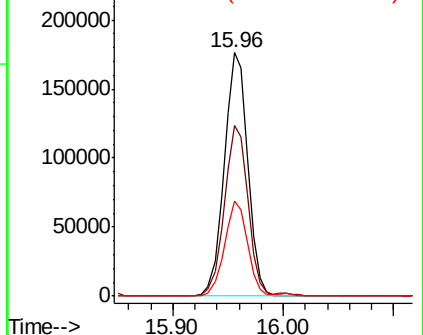
167 39.1 31.3 46.9

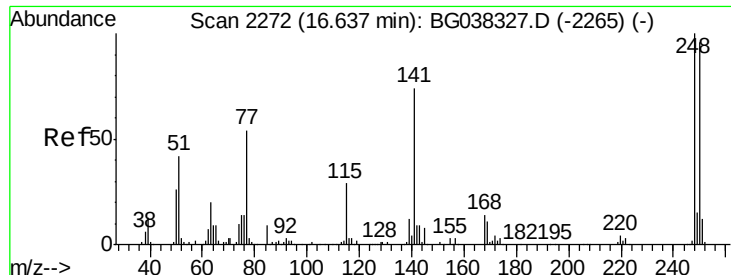


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.450 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampled :

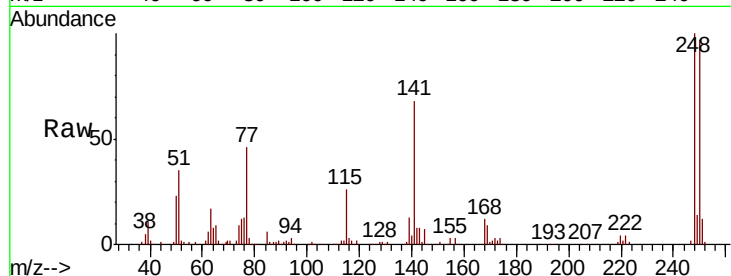
Tot Ion:248 Resp: 108614

Ion Ratio Lower Upper

248 100

250 96.5 77.0 115.6

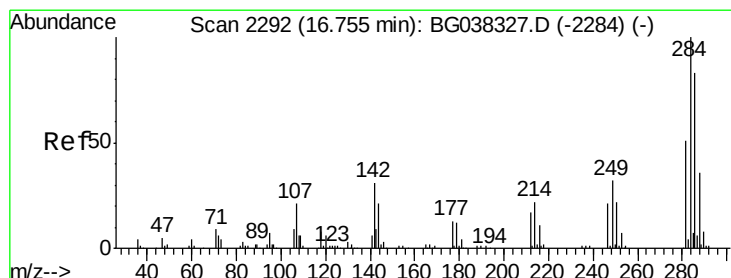
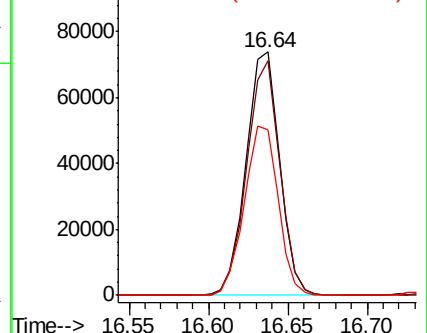
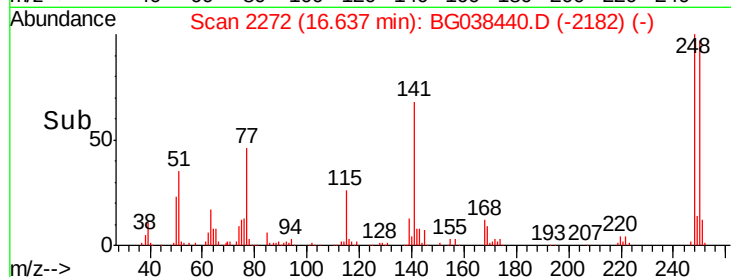
141 68.2 55.5 83.3



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: 44.036 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

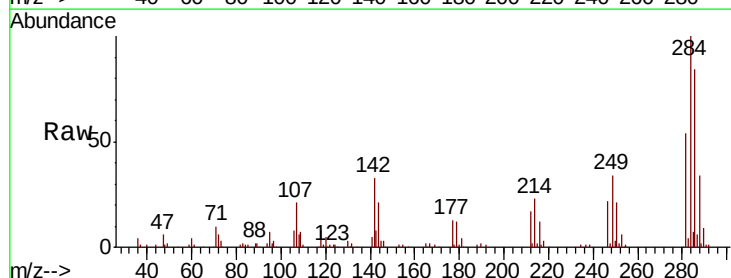
Tgt Ion:284 Resp: 108546

Ion Ratio Lower Upper

284 100

142 32.6 28.1 42.1

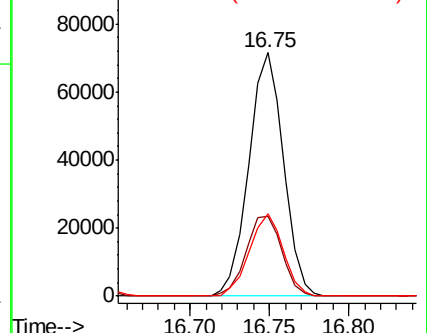
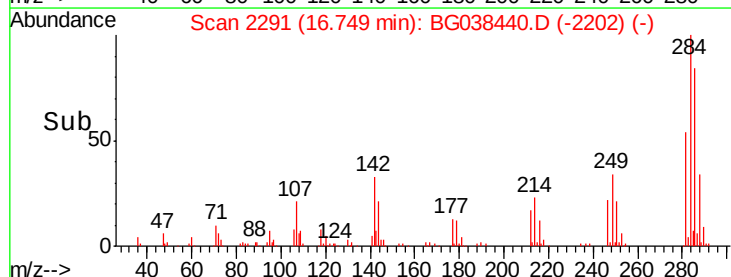
249 36.3 29.8 44.8

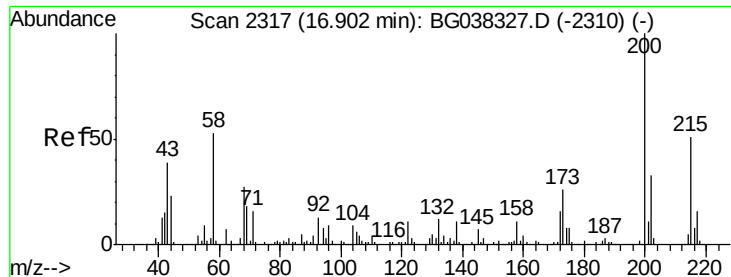


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 42.518 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

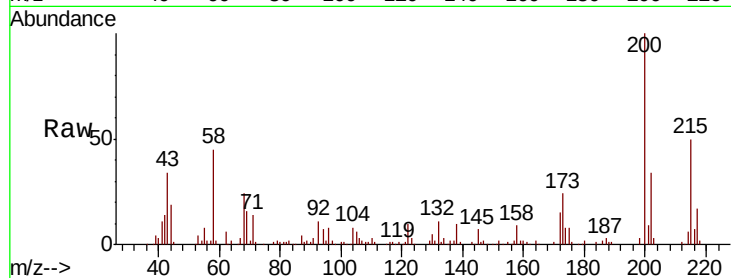
Tot Ion:200 Resp: 98727

Ion Ratio Lower Upper

200 100

173 24.2 6.1 46.1

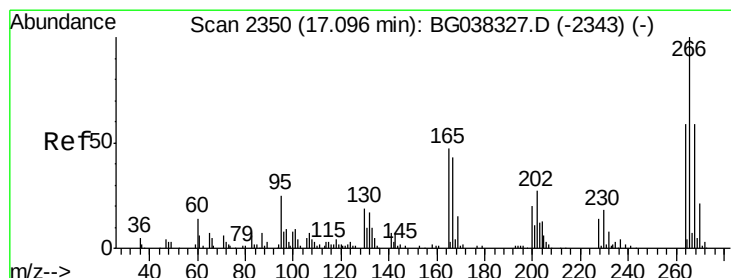
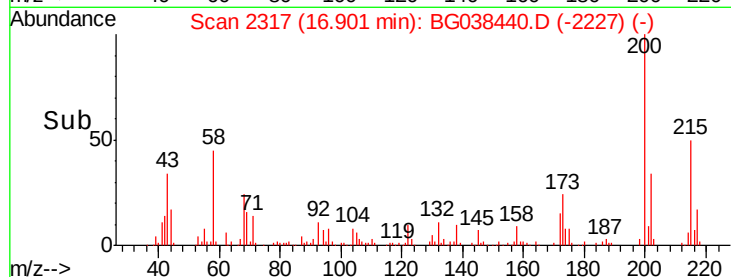
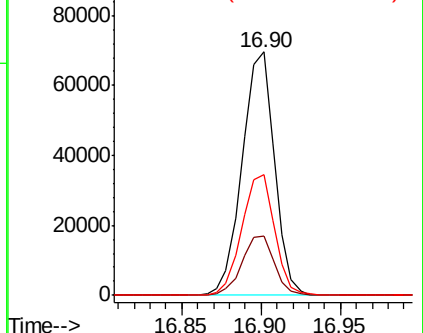
215 49.8 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.467 ng

RT: 17.10 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

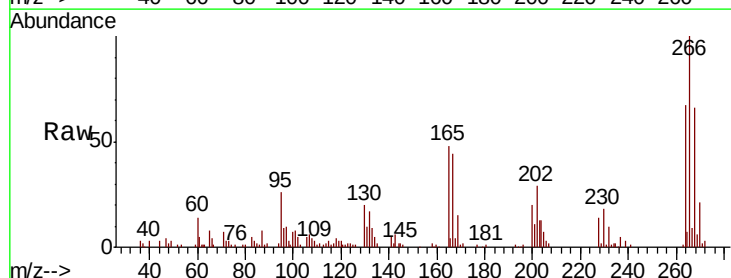
Tgt Ion:266 Resp: 66633

Ion Ratio Lower Upper

266 100

268 71.2 55.0 82.6

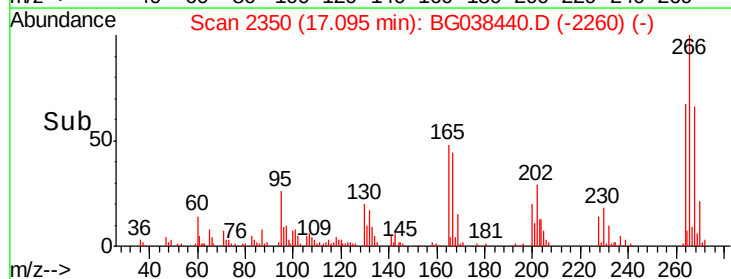
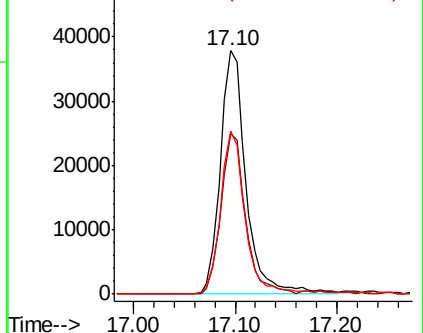
264 74.0 58.9 88.3

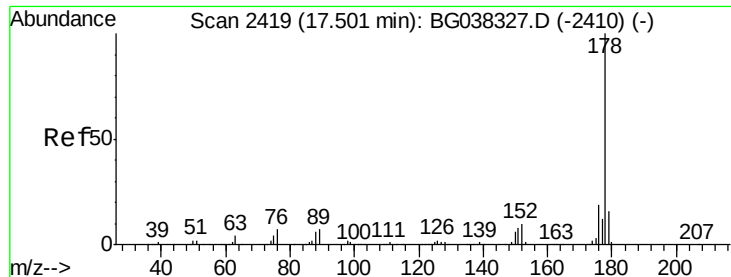


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

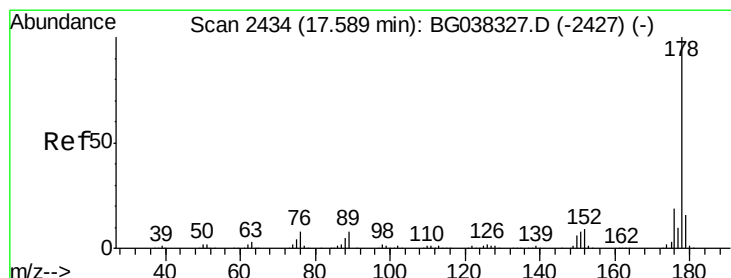
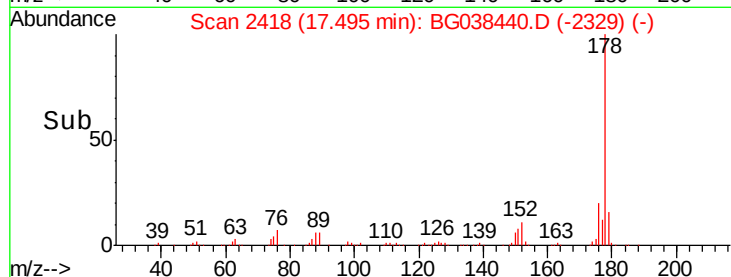
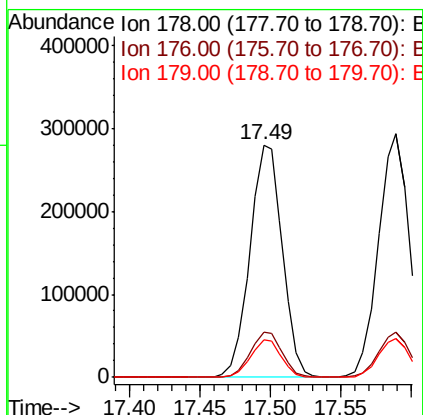
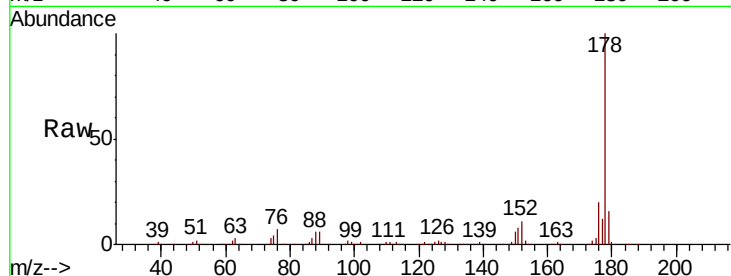




#71
Phenanthrene
Concen: 40.683 ng
RT: 17.49 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

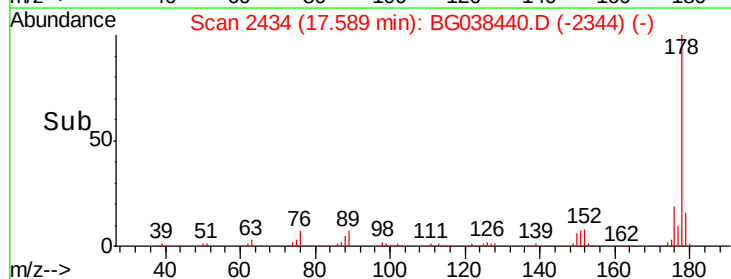
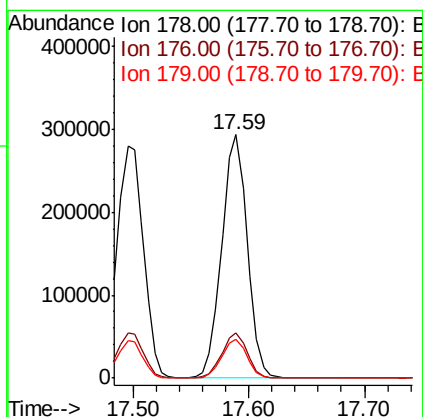
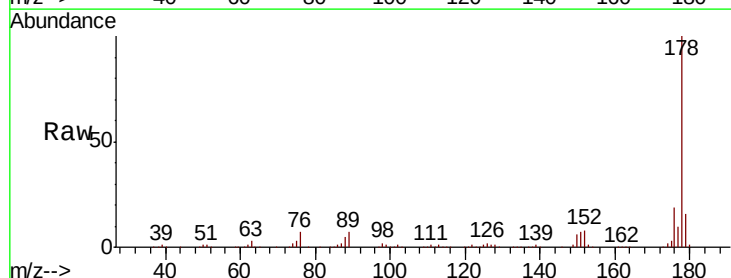
Instrument :
BNA_G
ClientSampleId :

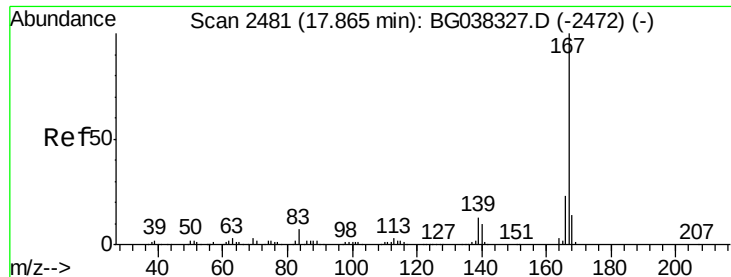
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.1	24.1
179	16.0	13.0	19.4



#72
Anthracene
Concen: 41.713 ng
RT: 17.59 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.4
179	15.8	12.8	19.2

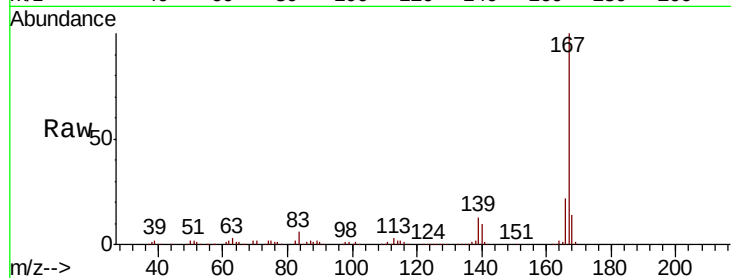




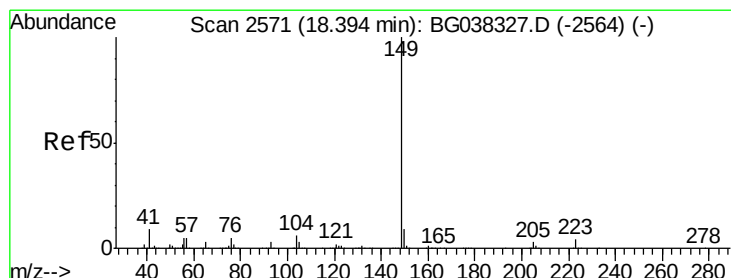
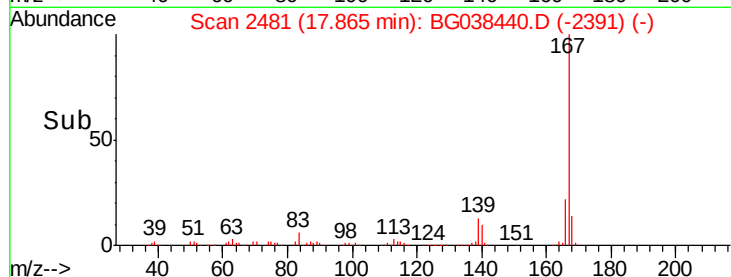
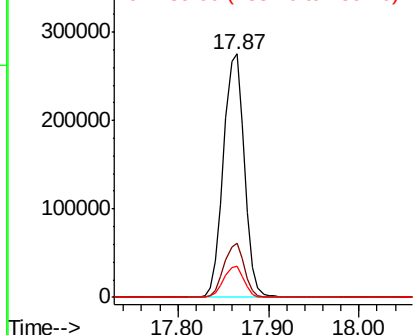
#73
 Carbazole
 Concen: 41.518 ng
 RT: 17.87 min Scan# 2481
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.3	27.5
139	12.9	10.5	15.7

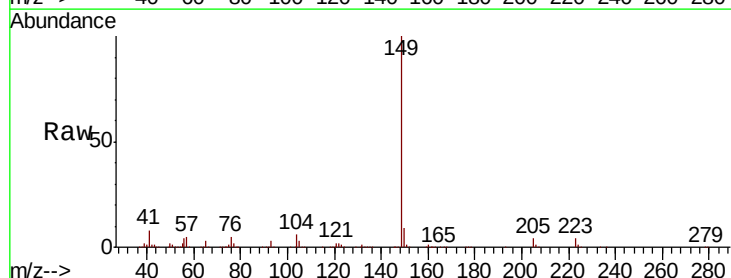


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

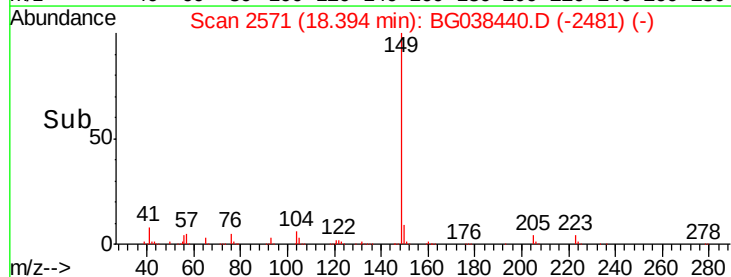
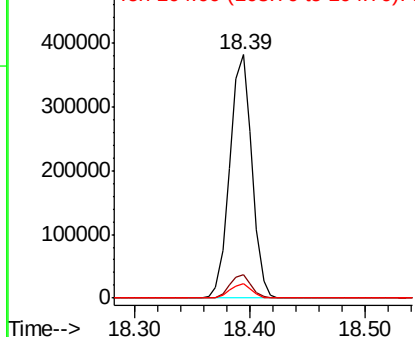


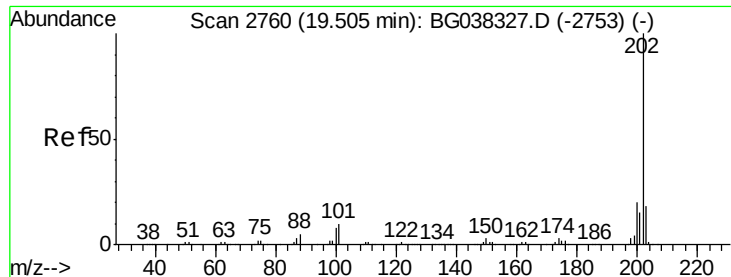
#74
 Di-n-butylphthalate
 Concen: 40.514 ng
 RT: 18.39 min Scan# 2571
 Delta R.T. -0.00 min
 Lab File: BG038440.D
 Acq: 10 Dec 2018 15:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.2	12.2
104	5.9	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: 40.940 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

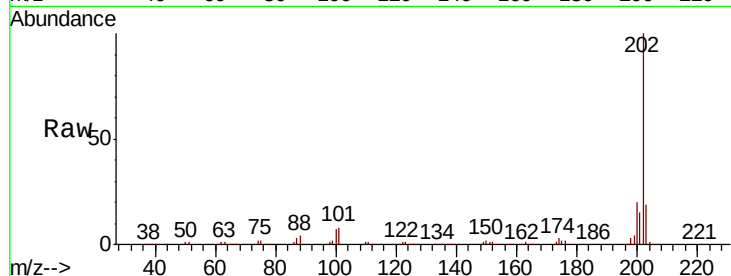
Tot Ion:202 Resp: 530088

Ion Ratio Lower Upper

202 100

101 8.0 0.0 30.7

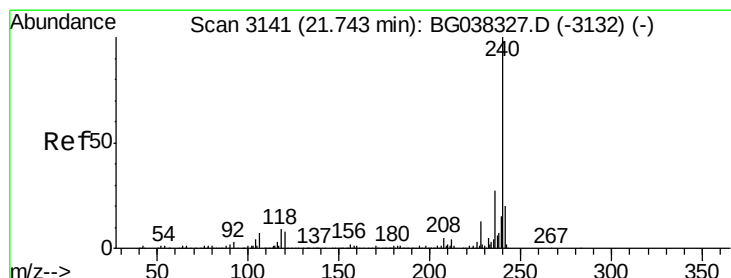
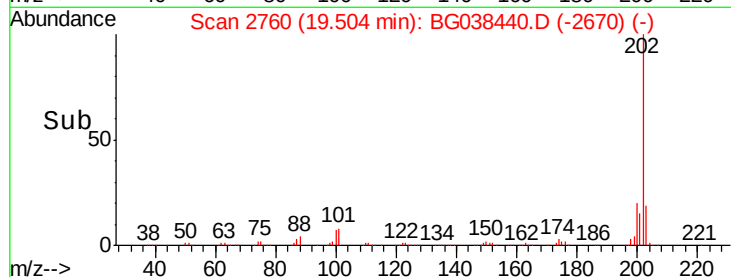
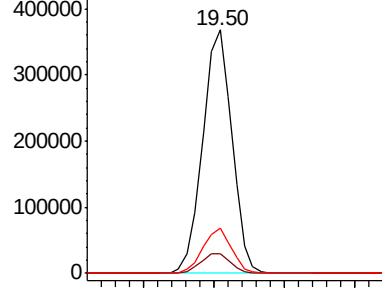
203 18.6 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

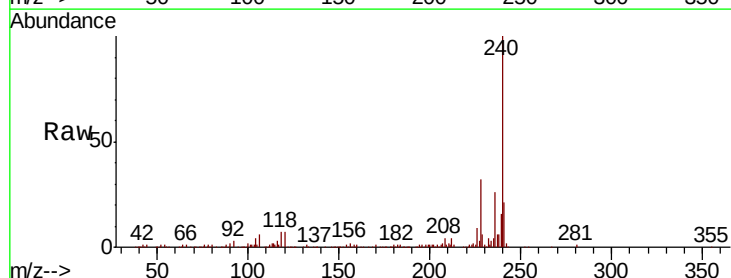
Tgt Ion:240 Resp: 208940

Ion Ratio Lower Upper

240 100

120 7.2 8.1 12.1#

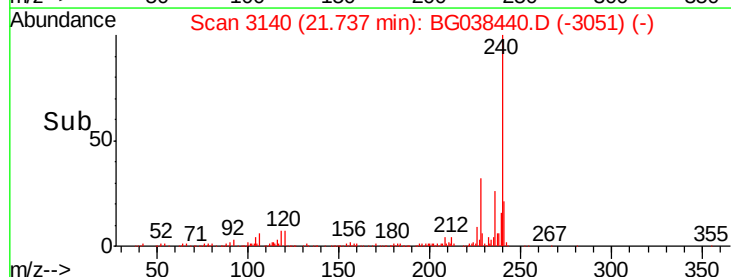
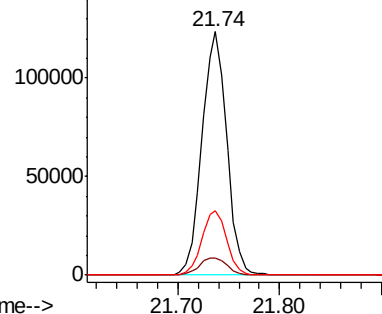
236 26.2 21.4 32.0

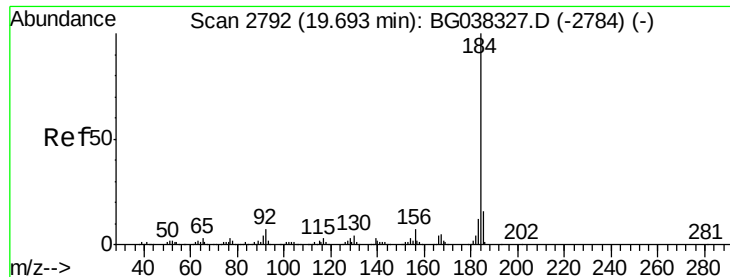


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.964 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

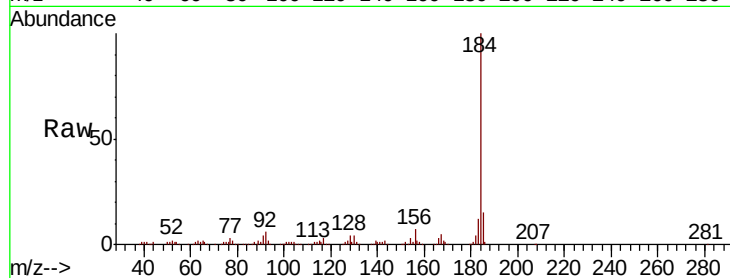
Tot Ion:184 Resp: 232414

Ion Ratio Lower Upper

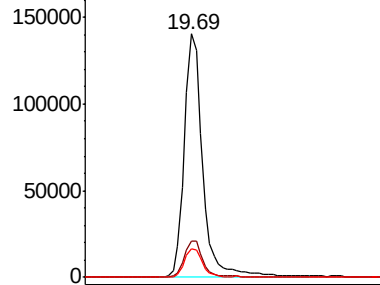
184 100

185 14.9 12.6 18.8

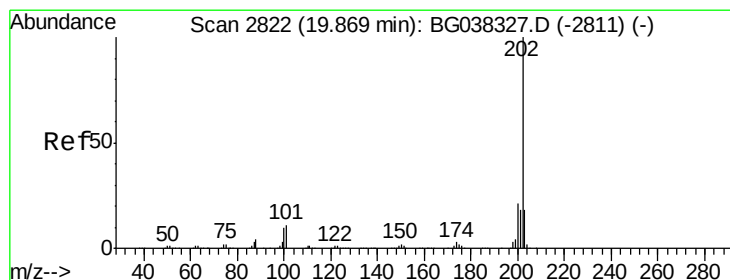
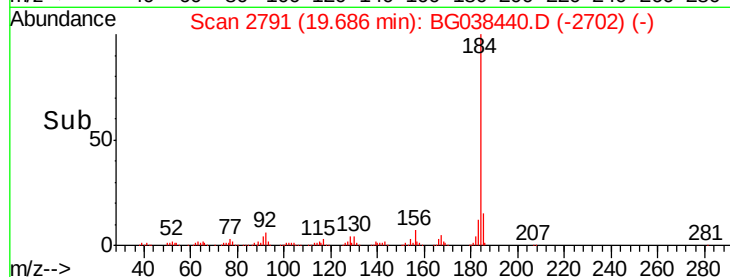
183 11.7 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 36.667 ng

RT: 19.87 min Scan# 2822

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

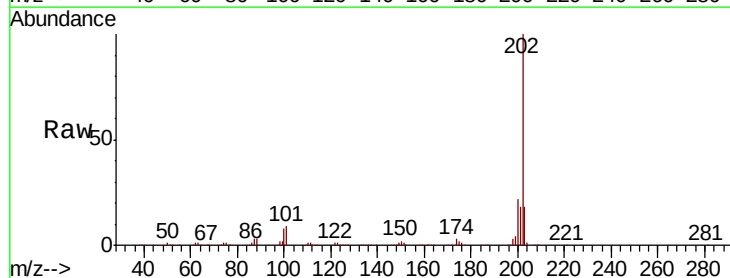
Tgt Ion:202 Resp: 536038

Ion Ratio Lower Upper

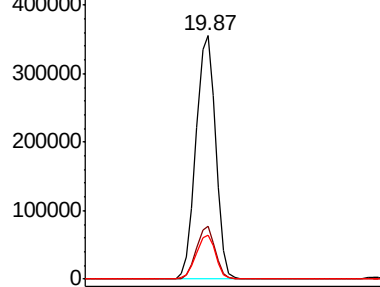
202 100

200 21.5 17.8 26.6

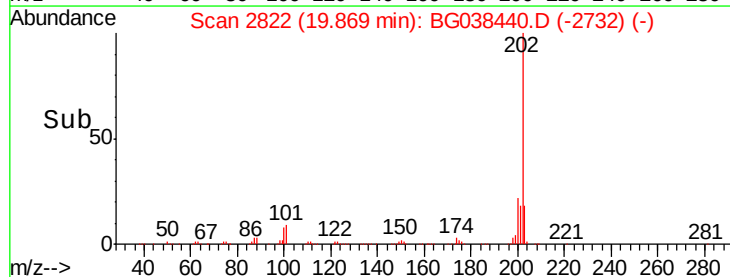
203 18.3 15.2 22.8

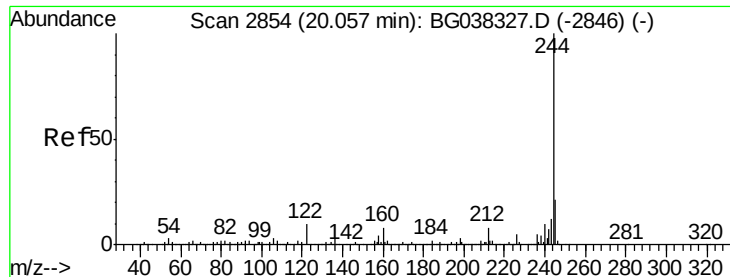


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 77.600 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

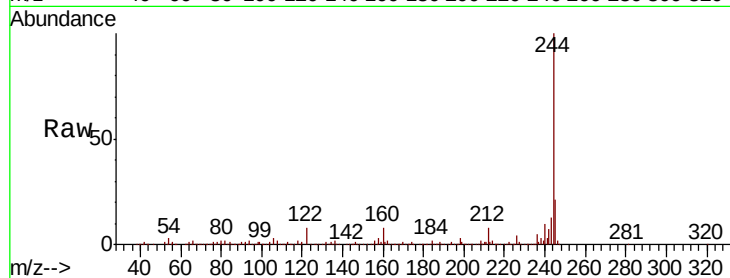
Tot Ion:244 Resp: 756854

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

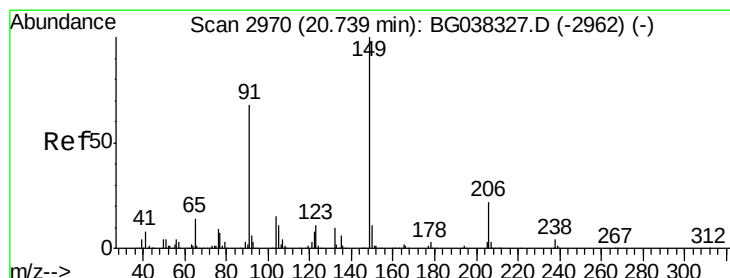
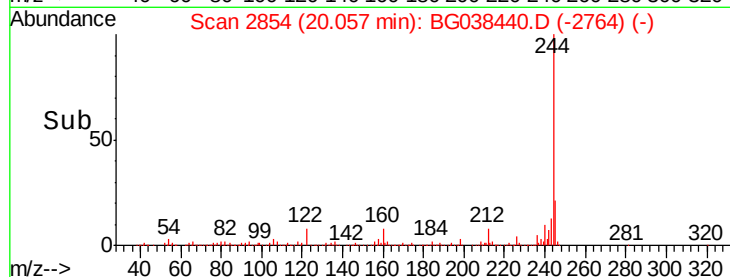
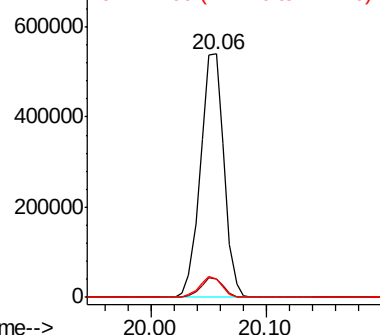
122 7.5 9.0 13.4#



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: 37.804 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

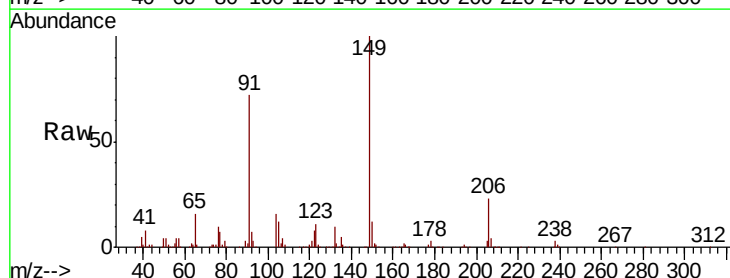
Tgt Ion:149 Resp: 222284

Ion Ratio Lower Upper

149 100

91 72.4 57.0 85.4

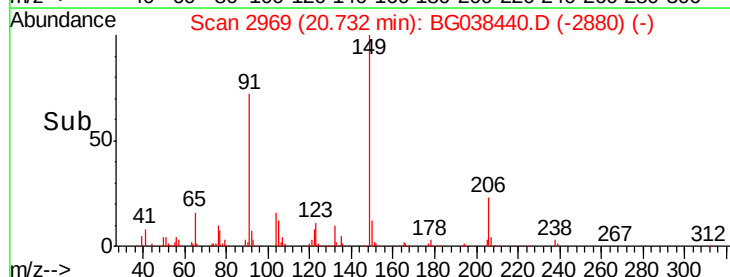
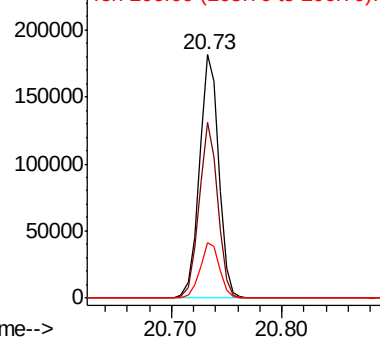
206 22.9 17.8 26.6

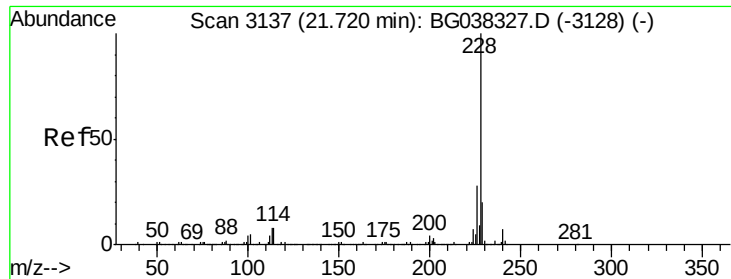


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.343 ng

RT: 21.71 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

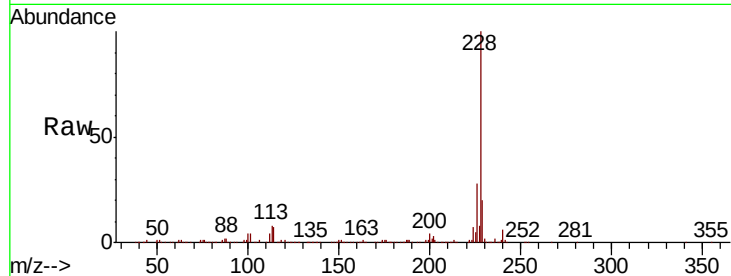
Tot Ion:228 Resp: 505228

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

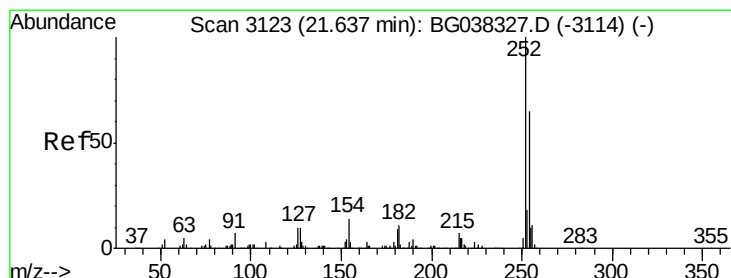
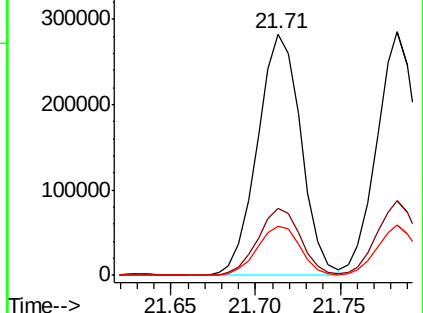
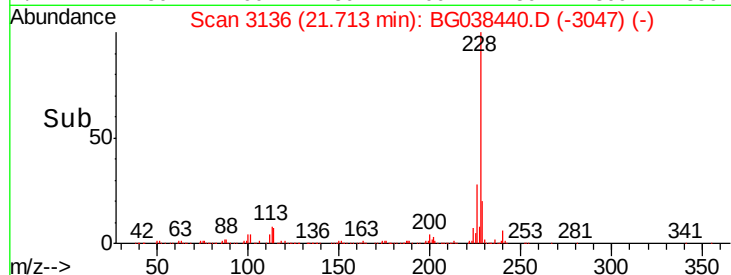
229 20.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 40.179 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

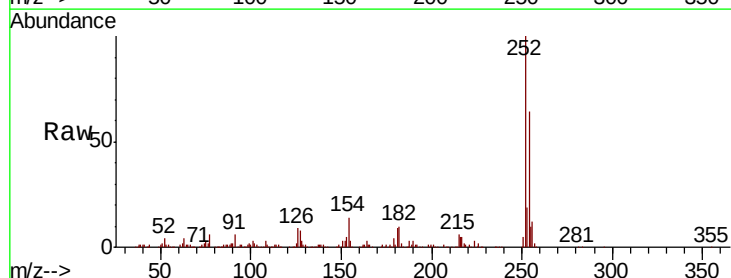
Tgt Ion:252 Resp: 200715

Ion Ratio Lower Upper

252 100

254 63.5 52.0 78.0

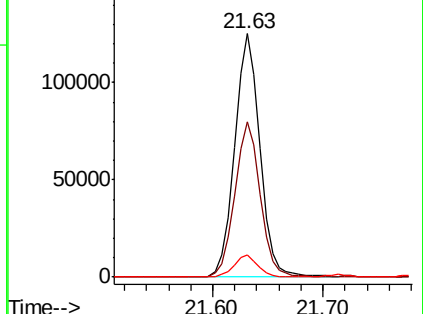
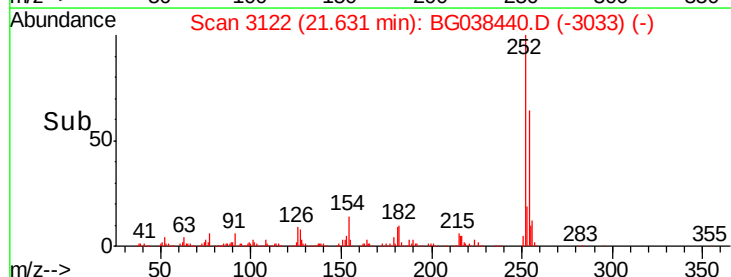
126 9.0 8.2 12.4

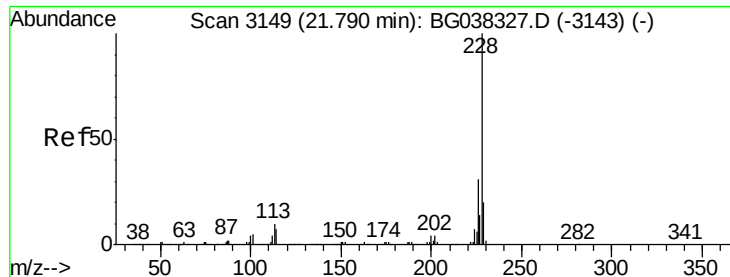


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.397 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

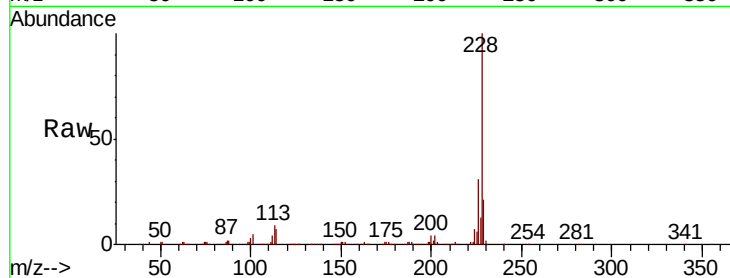
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 478757

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.7	38.5
229	20.8	16.5	24.7

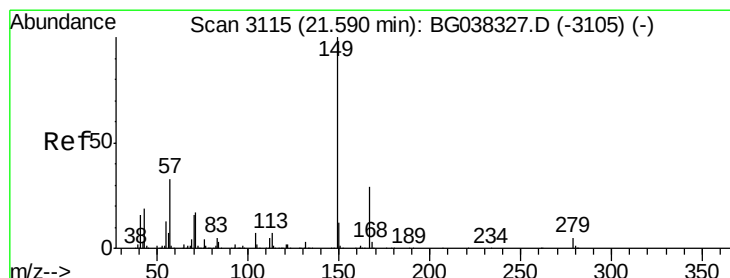
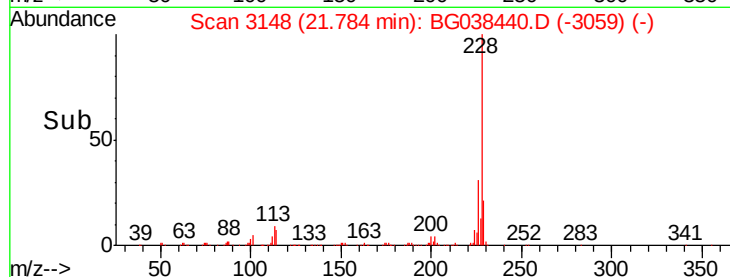
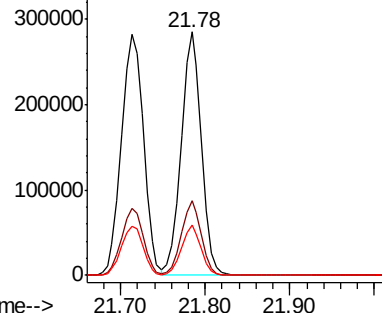


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.694 ng

RT: 21.58 min Scan# 3114

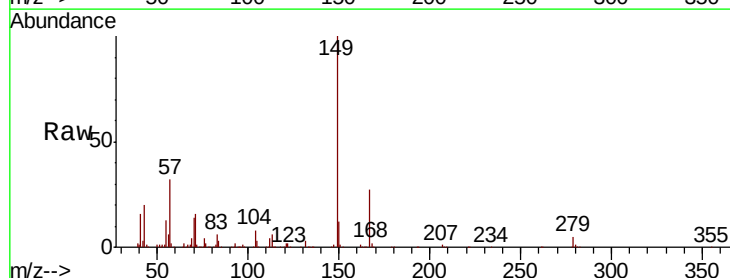
Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Tgt Ion:149 Resp: 314144

Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.4
279	4.9	3.6	5.4

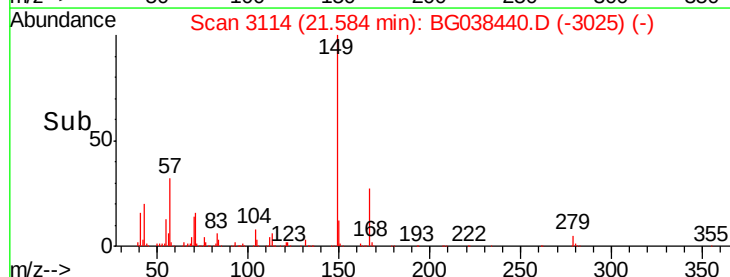
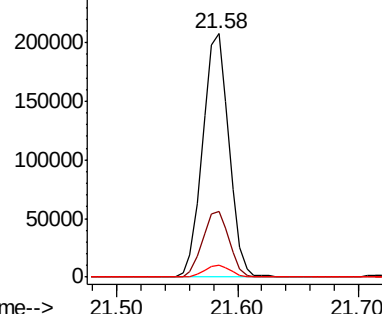


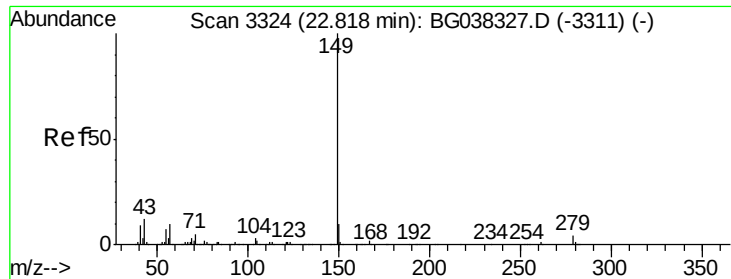
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

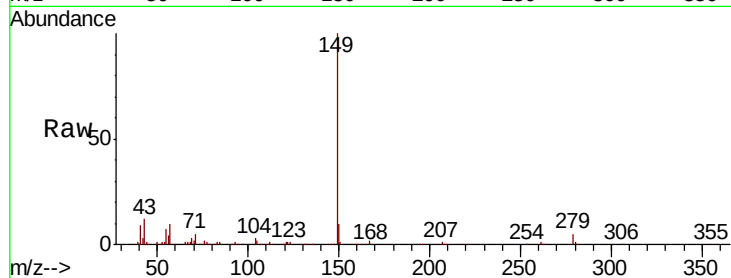




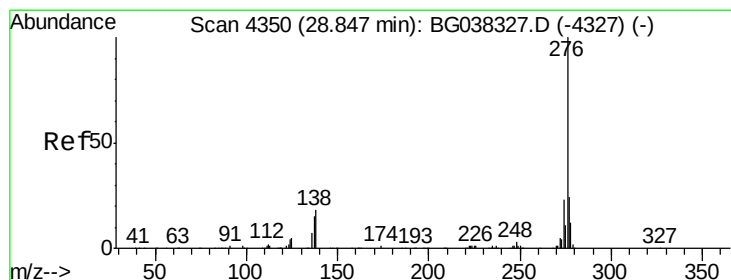
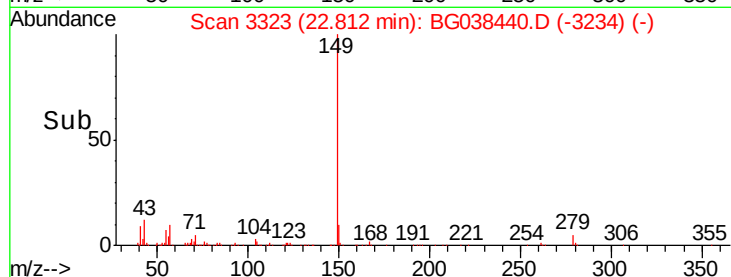
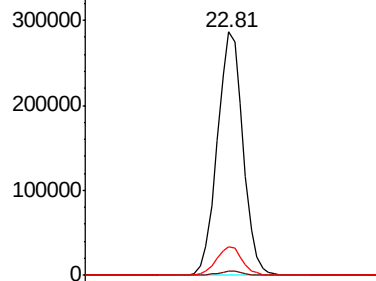
#85
Di-n-octyl phthalate
Concen: 36.957 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 528114
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 8.7 13.1

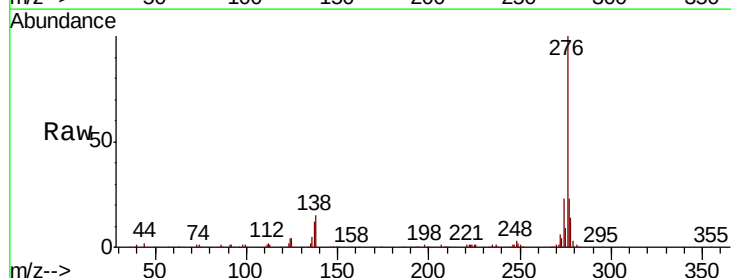


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

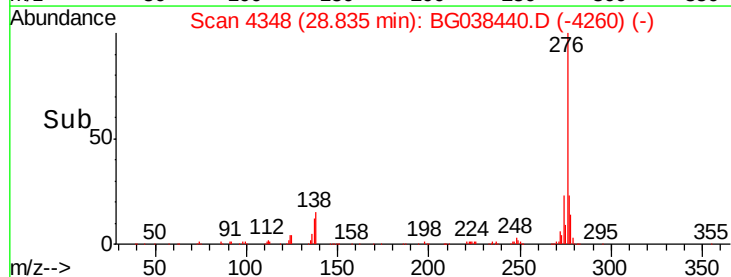
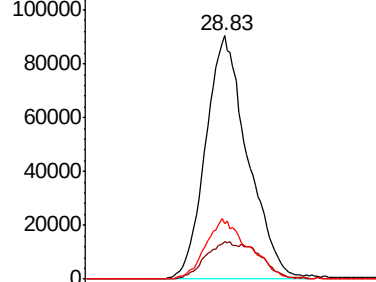


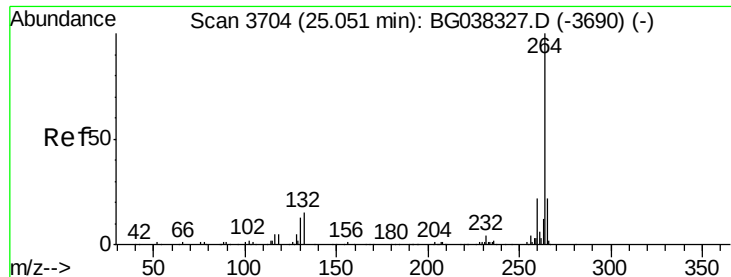
#86
Indeno(1,2,3-cd)pyrene
Concen: 39.940 ng
RT: 28.83 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038440.D
Acq: 10 Dec 2018 15:41

Tgt Ion:276 Resp: 551598
Ion Ratio Lower Upper
276 100
138 11.5 12.0 18.0#
277 25.2 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

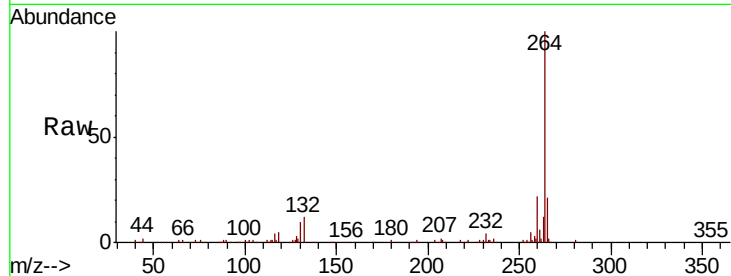
Tot Ion:264 Resp: 223363

Ion Ratio Lower Upper

264 100

260 22.2 18.2 27.4

265 21.0 17.9 26.9

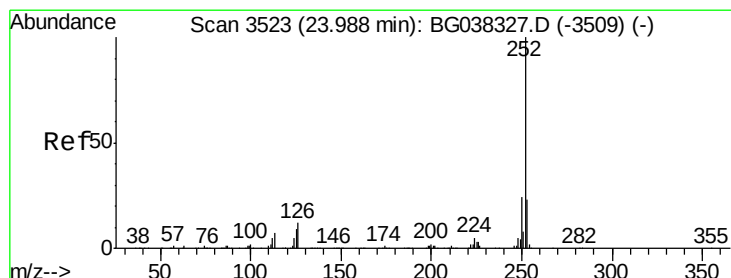
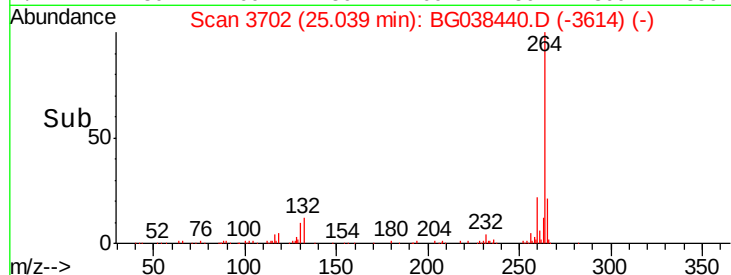
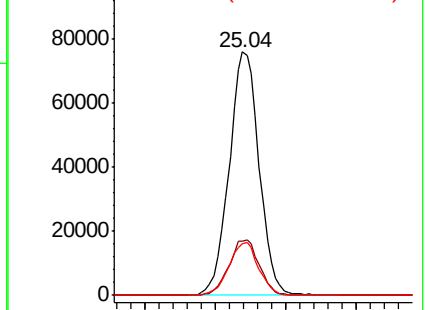


Abundance

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: 38.564 ng

RT: 23.98 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

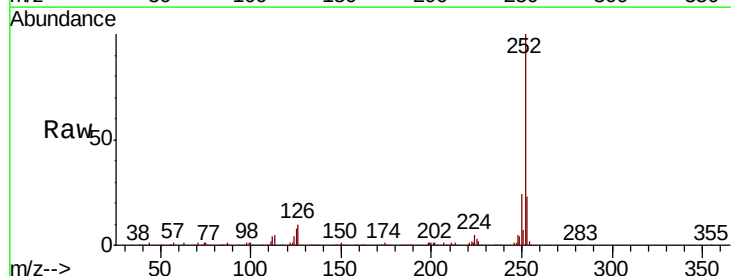
Tgt Ion:252 Resp: 486704

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

125 8.1 7.8 11.6

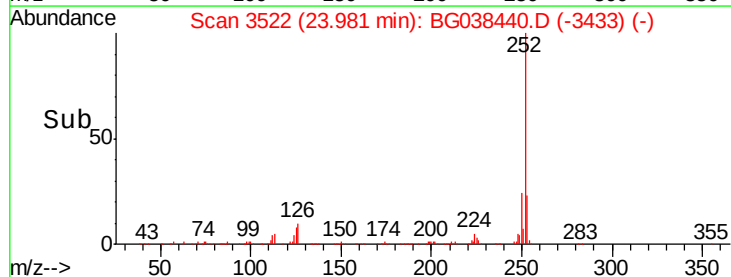
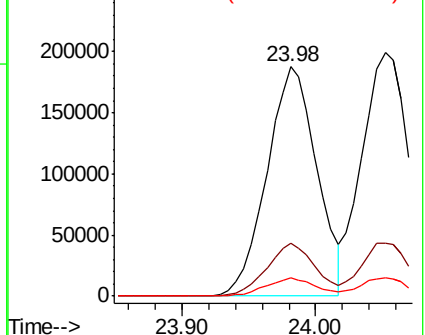


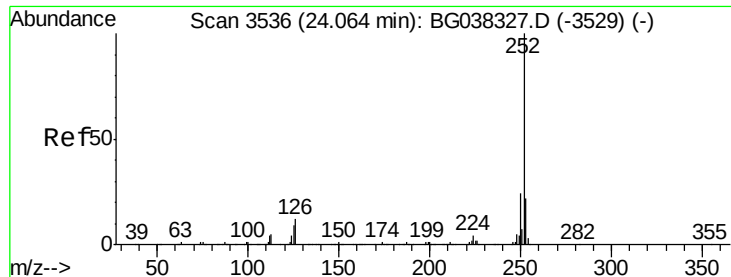
Abundance

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: 38.871 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

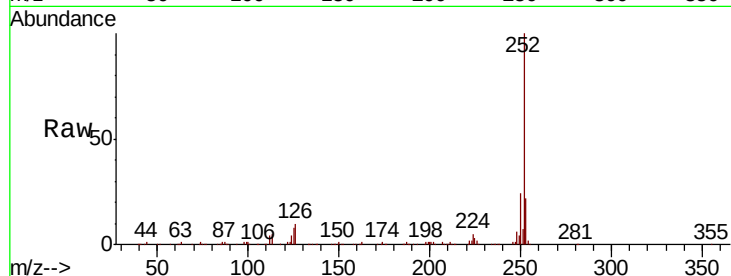
Tot Ion:252 Resp: 488606

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

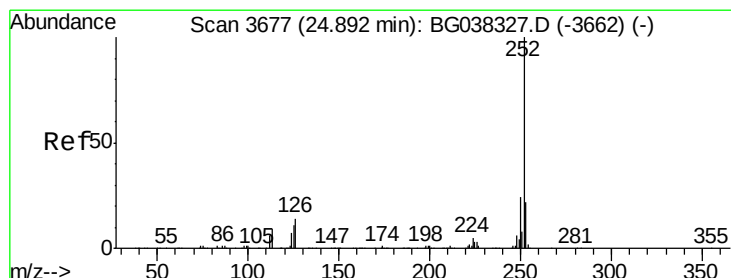
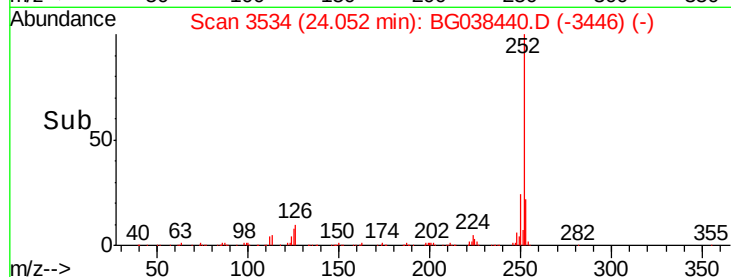
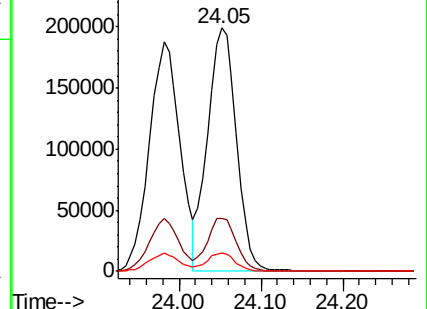
125 7.7 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.773 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

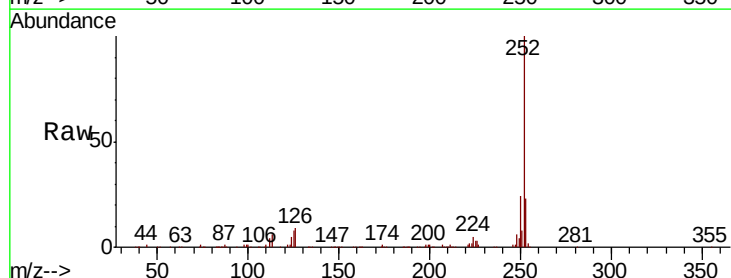
Tgt Ion:252 Resp: 474653

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

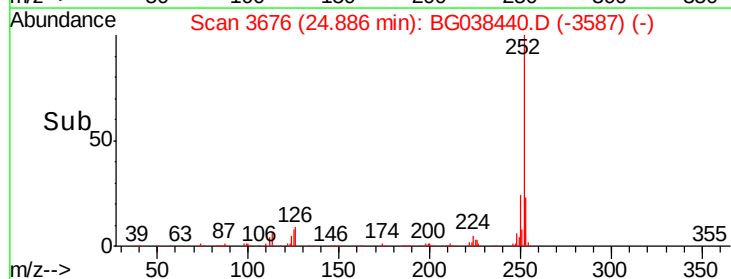
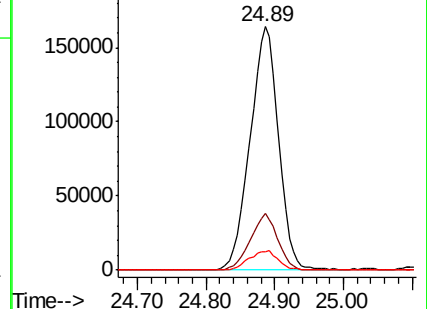
125 7.8 9.0 13.6#

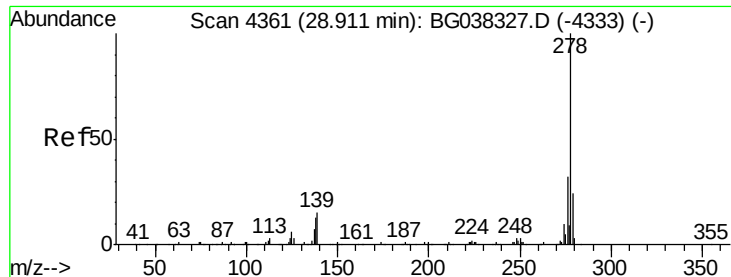


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.273 ng

RT: 28.89 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

Instrument :

BNA_G

ClientSampleId :

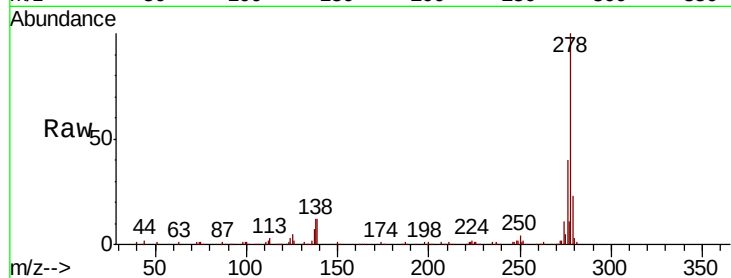
Tot Ion:278 Resp: 455990

Ion Ratio Lower Upper

278 100

139 11.9 11.5 17.3

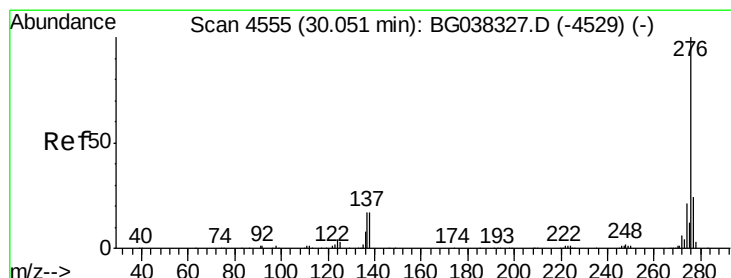
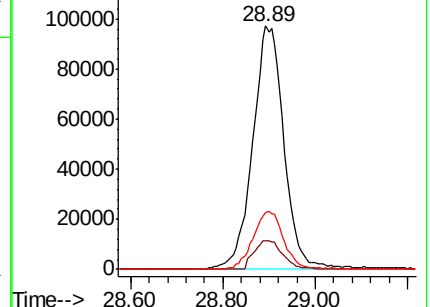
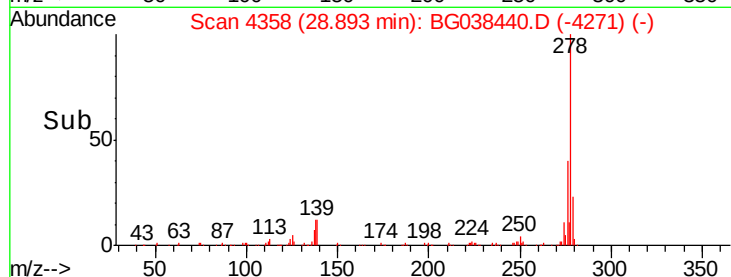
279 23.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.532 ng

RT: 30.03 min Scan# 4552

Delta R.T. -0.02 min

Lab File: BG038440.D

Acq: 10 Dec 2018 15:41

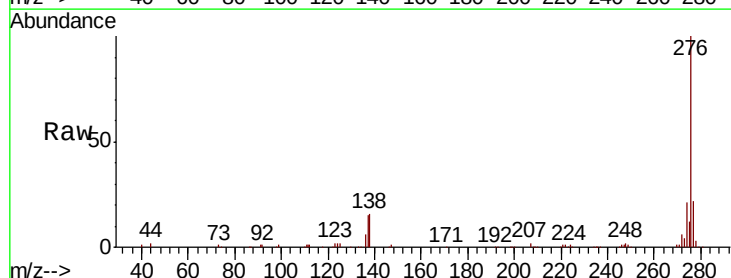
Tgt Ion:276 Resp: 455394

Ion Ratio Lower Upper

276 100

277 22.4 18.9 28.3

138 16.5 17.2 25.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

