

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
 Data File : BG038354.D
 Acq On : 5 Dec 2018 11:03
 Operator : JU/SJ
 Sample : J5764-22MSRE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 05 11:56:20 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	27122	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	114432	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	76361	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	191233	20.00	ng	0.00
76) Chrysene-d12	21.74	240	177958	20.00	ng	0.00
87) Perylene-d12	25.05	264	192223	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	169361	110.50	ng	0.00
7) Phenol-d6	7.22	99	212744	96.04	ng	0.00
23) Nitrobenzene-d5	9.25	82	170380	73.92	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	118271	126.17	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	398213	74.31	ng	0.00
79) Terphenyl-d14	20.06	244	965202	116.19	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	20405	29.049	ng	# 1
3) Pyridine	3.92	79	90873	43.243	ng	98
4) n-Nitrosodimethylamine	3.83	42	46568	50.589	ng	93
6) Aniline	7.40	93	47243	16.698	ng	97
8) 2-Chlorophenol	7.63	128	77343	43.452	ng	99
9) Benzaldehyde	7.21	77	39390	28.082	ng	98
10) Phenol	7.25	94	84033	35.904	ng	92
11) bis(2-Chloroethyl)ether	7.49	93	74509	38.871	ng	99
12) 1,3-Dichlorobenzene	7.95	146	80338	38.617	ng	99
13) 1,4-Dichlorobenzene	8.11	146	81257	37.751	ng	100
14) 1,2-Dichlorobenzene	8.43	146	78134	39.273	ng	99
15) Benzyl Alcohol	8.31	79	75393	41.398	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	166792	38.256	ng	98
17) 2-Methylphenol	8.51	107	66958	41.008	ng	99
18) Hexachloroethane	9.15	117	30161	38.824	ng	95
19) n-Nitroso-di-n-propylamine	8.87	70	64633	39.917	ng	93
20) 3+4-Methylphenols	8.84	107	93196	39.525	ng	97
22) Acetophenone	8.90	105	121126	44.119	ng	# 93
24) Nitrobenzene	9.29	77	95123	40.621	ng	98
25) Isophorone	9.81	82	288822	71.305	ng	97
26) 2-Nitrophenol	10.01	139	68593	63.218	ng	97
27) 2,4-Dimethylphenol	10.05	122	133959	85.957	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	153970	66.308	ng	97
29) 2,4-Dichlorophenol	10.53	162	91208	51.270	ng	98
30) 1,2,4-Trichlorobenzene	10.75	180	85626	41.002	ng	99
31) Naphthalene	10.94	128	249050	45.562	ng	99
32) Benzoic acid	10.19	122	58122	52.084	ng	94
33) 4-Chloroaniline	11.06	127	9253	3.824	ng	# 93
34) Hexachlorobutadiene	11.20	225	53392	40.867	ng	97
35) Caprolactam	11.84	113	12957	17.612	ng	# 88
36) 4-Chloro-3-methylphenol	12.16	107	94799	47.961	ng	97
37) 2-Methylnaphthalene	12.54	142	188163	48.337	ng	97
38) 1-Methylnaphthalene	12.76	142	181062	48.564	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	101916	38.787	ng	98

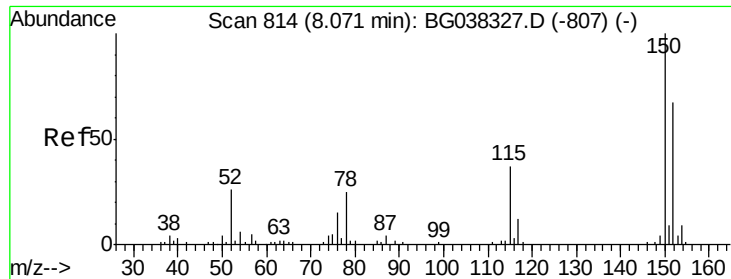
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
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 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	130681	90.502	ng	99
43) 2,4,6-Trichlorophenol	13.14	196	75554	44.388	ng	99
44) 2,4,5-Trichlorophenol	13.21	196	84461	46.840	ng	96
46) 1,1'-Biphenyl	13.54	154	248359	38.477	ng	98
47) 2-Chloronaphthalene	13.59	162	194812	39.997	ng	99
48) 2-Nitroaniline	13.80	65	72004	44.064	ng	98
49) Acenaphthylene	14.44	152	335791	45.775	ng	100
50) Dimethylphthalate	14.16	163	279937	45.705	ng	99
51) 2,6-Dinitrotoluene	14.29	165	63824	45.618	ng	95
52) Acenaphthene	14.78	154	190200	42.531	ng	99
53) 3-Nitroaniline	14.63	138	18104	12.015	ng	# 91
54) 2,4-Dinitrophenol	14.83	184	78450	102.289	ng	# 81
55) Dibenzofuran	15.11	168	320838	43.396	ng	98
56) 4-Nitrophenol	14.92	139	92249	77.501	ng	86
57) 2,4-Dinitrotoluene	15.08	165	90758	47.033	ng	# 96
58) Fluorene	15.76	166	261291	47.971	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	77266	49.337	ng	99
60) Diethylphthalate	15.51	149	292813	43.152	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	141135	43.139	ng	98
62) 4-Nitroaniline	15.79	138	64663	43.631	ng	89
63) Azobenzene	16.03	77	258499	43.529	ng	95
65) 4,6-Dinitro-2-methylphenol	15.83	198	55299	44.134	ng	91
66) n-Nitrosodiphenylamine	15.96	169	238987	44.442	ng	99
67) 4-Bromophenyl-phenylether	16.64	248	91969	44.535	ng	98
68) Hexachlorobenzene	16.75	284	94853	44.530	ng	99
69) Atrazine	16.90	200	96811	48.246	ng	98
70) Pentachlorophenol	17.10	266	115724	79.319	ng	95
71) Phenanthrene	17.50	178	454351	47.443	ng	98
72) Anthracene	17.59	178	463914	50.022	ng	100
73) Carbazole	17.86	167	420484	45.681	ng	99
74) Di-n-butylphthalate	18.40	149	506808	47.130	ng	# 98
75) Fluoranthene	19.51	202	816014	72.930	ng	98
77) Benzidine	19.69	184	98324	16.373	ng	98
78) Pyrene	19.87	202	820484	65.895	ng	99
80) Butylbenzylphthalate	20.73	149	343523	68.595	ng	97
81) Benzo(a)anthracene	21.72	228	509444	46.578	ng	100
82) 3,3'-Dichlorobenzidine	21.63	252	68901	16.194	ng	99
83) Chrysene	21.79	228	476820	46.069	ng	98
84) Bis(2-ethylhexyl)phthalate	21.59	149	310323	43.718	ng	98
85) Di-n-octyl phthalate	22.82	149	538614	44.253	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	577866	49.126	ng	# 94
88) Benzo(b)fluoranthene	23.99	252	508901	46.855	ng	99
89) Benzo(k)fluoranthene	24.06	252	481320	44.495	ng	98
90) Benzo(a)pyrene	24.89	252	489430	46.456	ng	98
91) Dibenzo(a,h)anthracene	28.91	278	476734	47.711	ng	98
92) Benzo(g,h,i)perylene	30.04	276	476074	48.022	ng	95

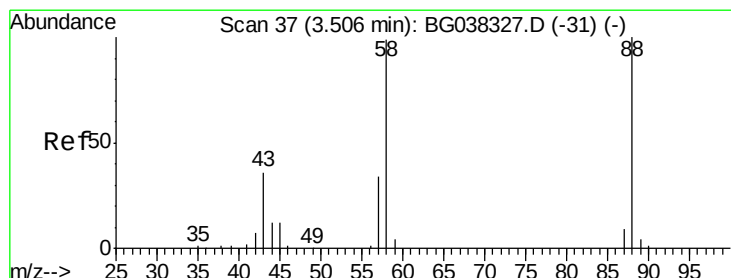
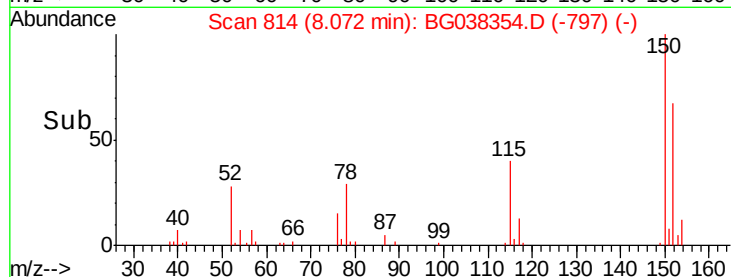
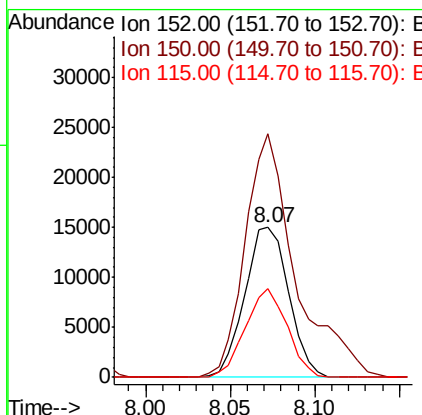
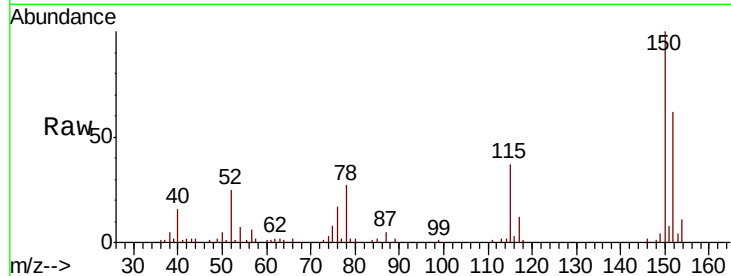
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

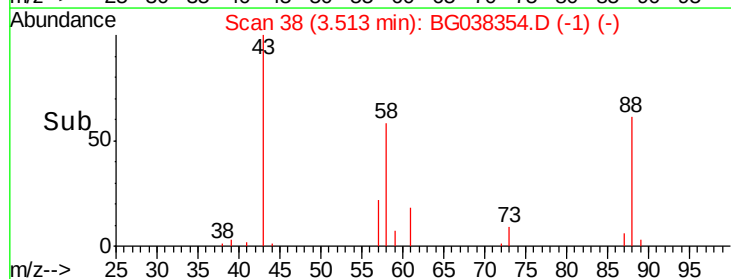
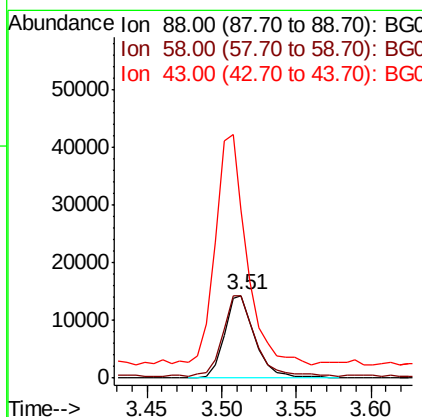
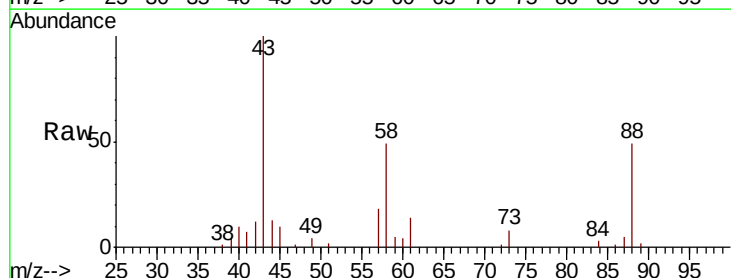
Instrument :
 BNA_G
 ClientSampleId :

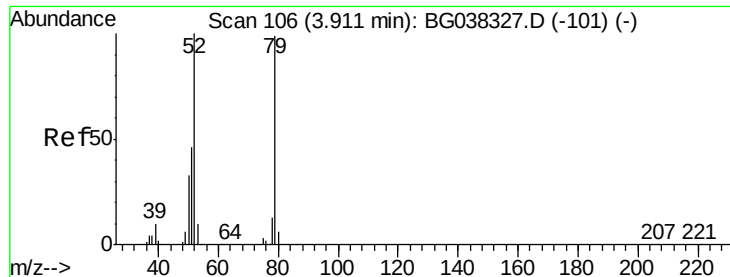
Tot Ion:152 Resp: 27122
 Ion Ratio Lower Upper
 152 100
 150 162.4 126.0 189.0
 115 59.3 45.5 68.3



#2
 1,4-Dioxane
 Concen: 29.049 ng
 RT: 3.51 min Scan# 38
 Delta R.T. 0.01 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion: 88 Resp: 20405
 Ion Ratio Lower Upper
 88 100
 58 104.8 74.4 111.6
 43 287.6 25.8 38.8#





#3

Pvridine

Concen: 43.243 ng

RT: 3.92 min Scan# 107

Delta R.T. 0.01 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

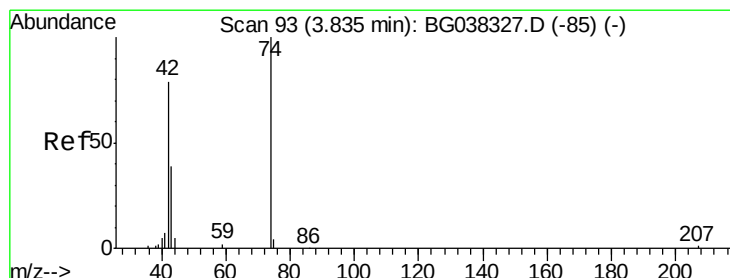
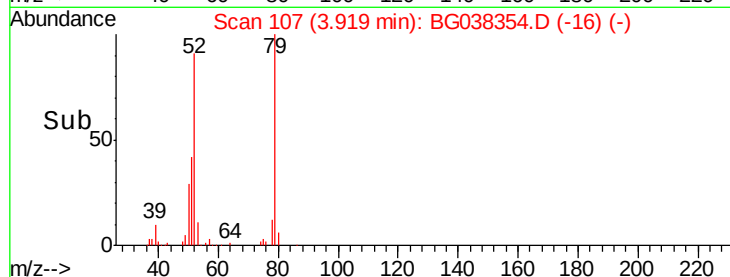
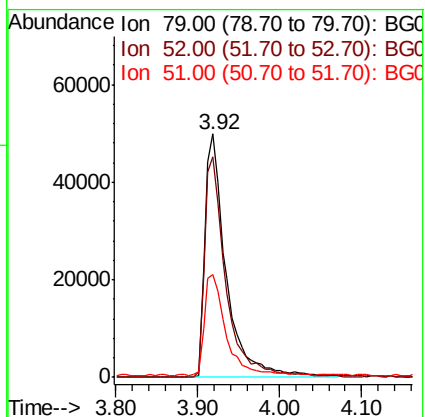
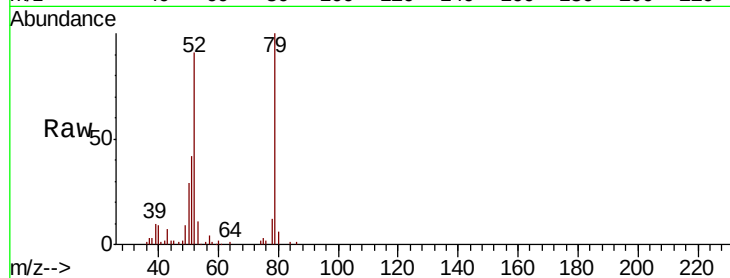
Tot Ion: 79 Resp: 90873

Ion Ratio Lower Upper

79 100

52 90.8 74.2 111.2

51 42.2 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 50.589 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

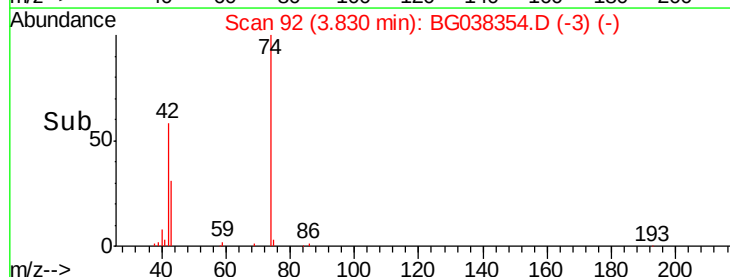
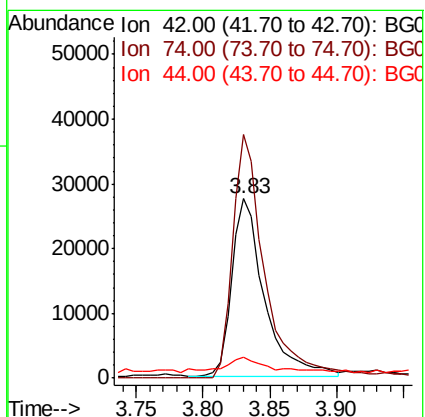
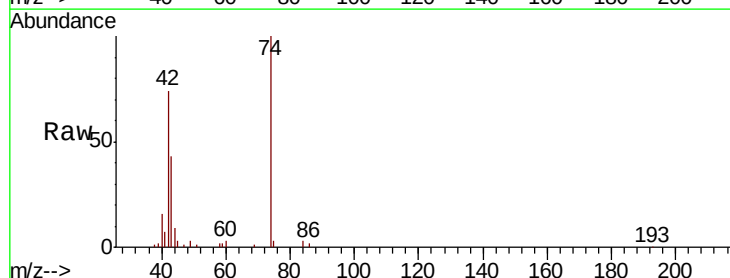
Tgt Ion: 42 Resp: 46568

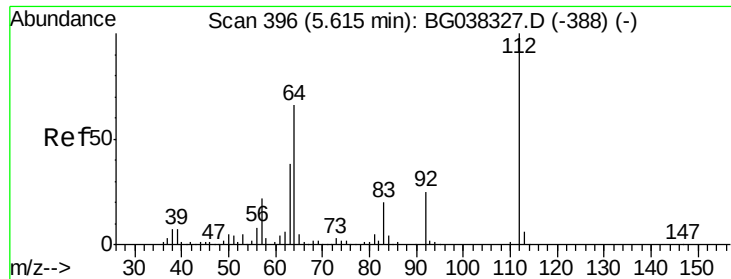
Ion Ratio Lower Upper

42 100

74 135.7 102.0 153.0

44 11.7 9.6 14.4





#5

2-Fluorophenol

Concen: 110.504 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampled :

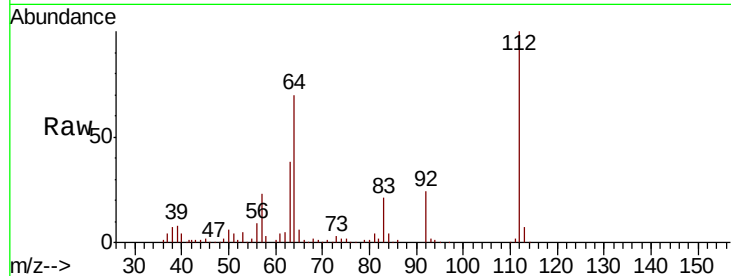
Tot Ion:112 Resp: 169361

Ion Ratio Lower Upper

112 100

64 69.6 53.1 79.7

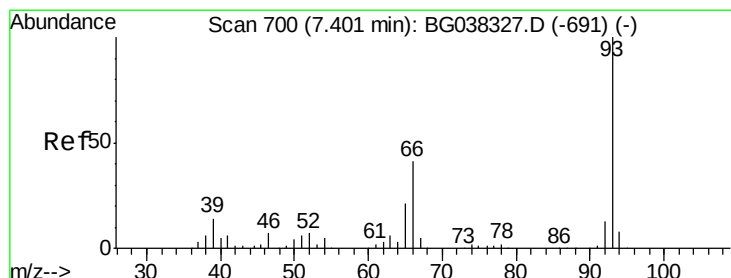
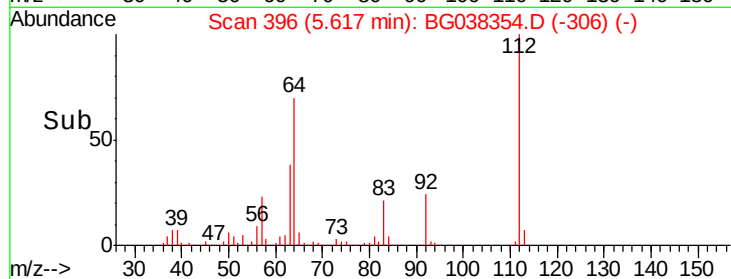
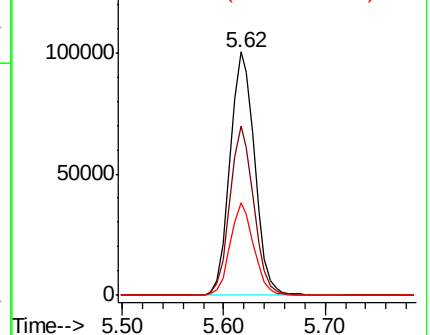
63 37.8 27.3 40.9



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: 16.698 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

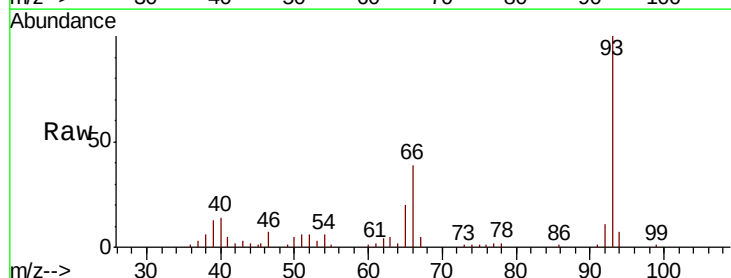
Tgt Ion: 93 Resp: 47243

Ion Ratio Lower Upper

93 100

66 39.0 32.8 49.2

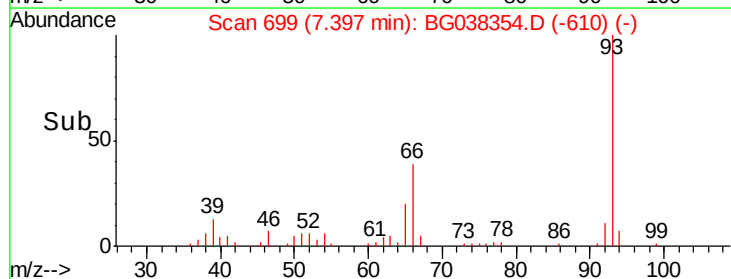
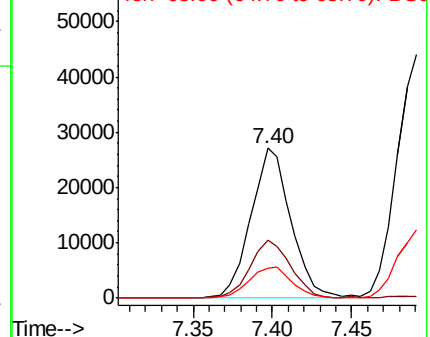
65 19.9 16.4 24.6

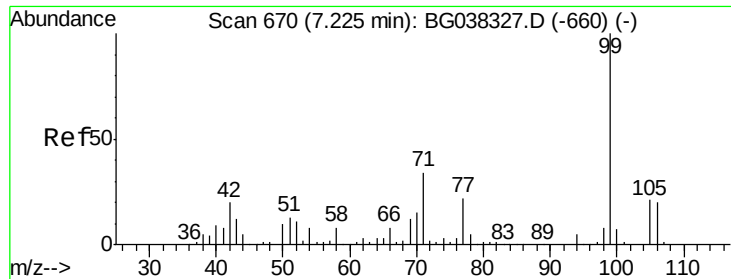


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 96.040 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

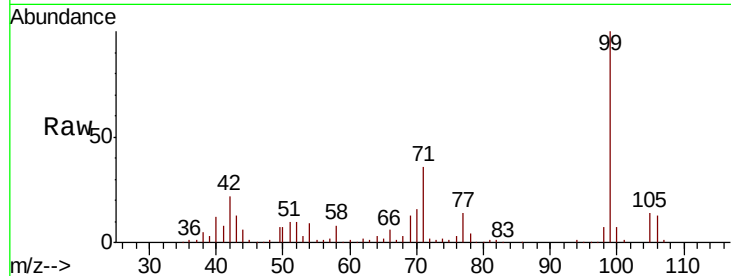
Tot Ion: 99 Resp: 212744

Ion Ratio Lower Upper

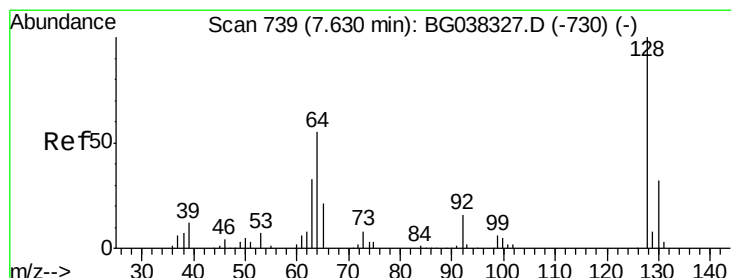
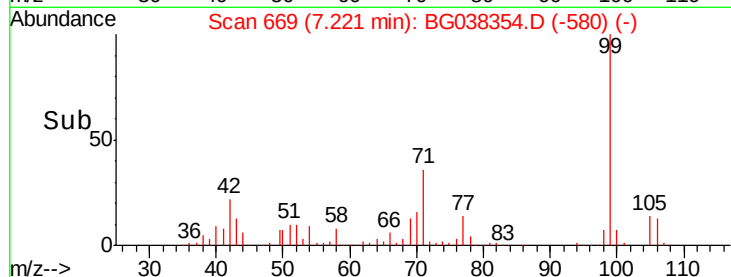
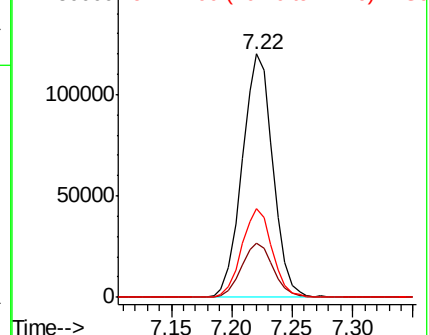
99 100

42 22.2 15.0 22.4

71 36.3 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: 43.452 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

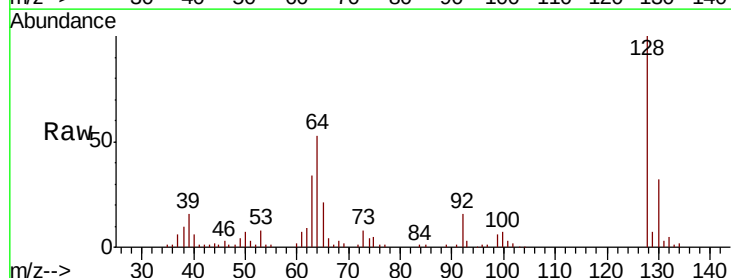
Tgt Ion: 128 Resp: 77343

Ion Ratio Lower Upper

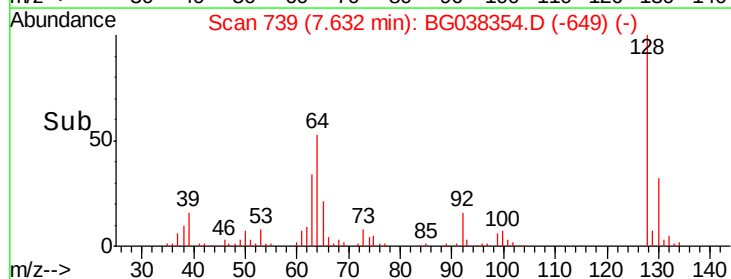
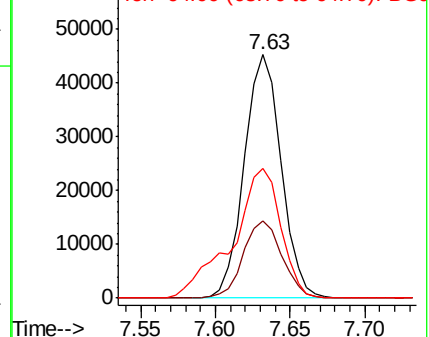
128 100

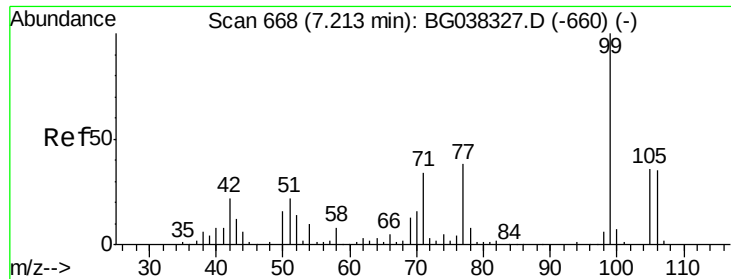
130 31.8 12.0 52.0

64 53.3 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.082 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampled :

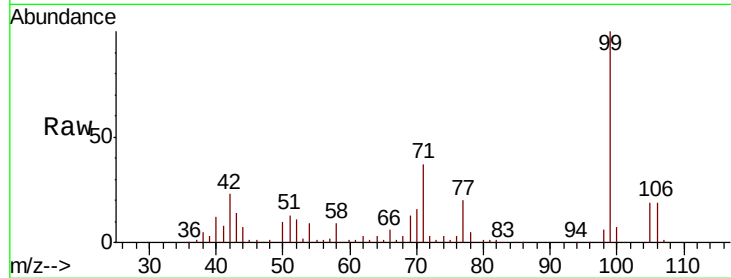
Tot Ion: 77 Resp: 39390

Ion Ratio Lower Upper

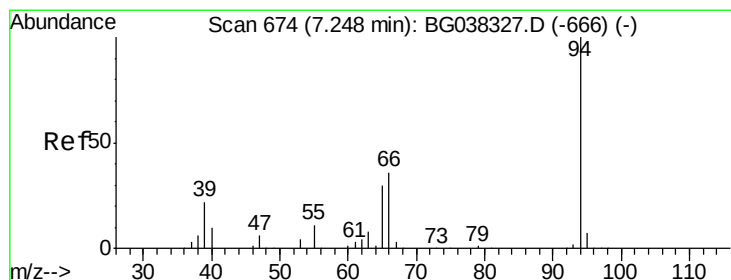
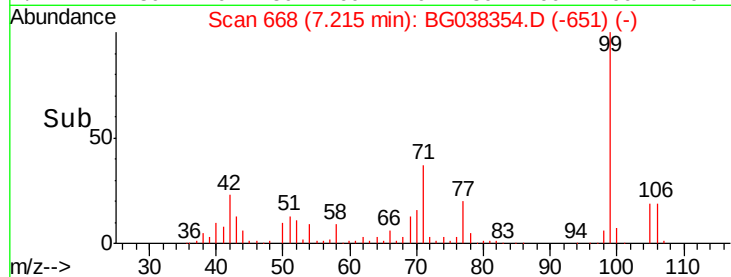
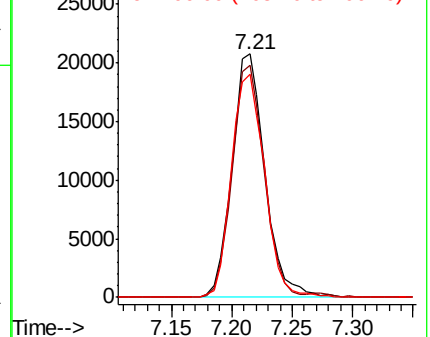
77 100

105 95.3 72.6 112.6

106 91.7 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: 35.904 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

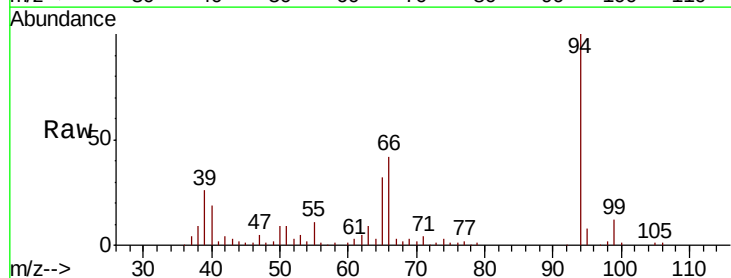
Tgt Ion: 94 Resp: 84033

Ion Ratio Lower Upper

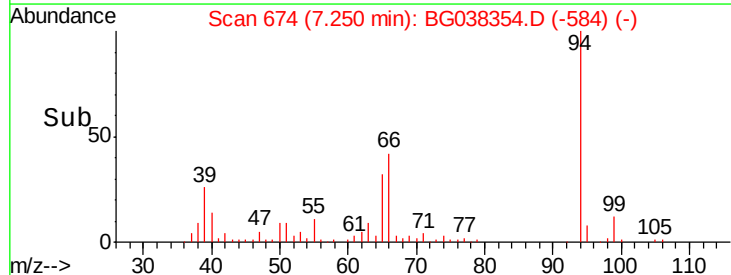
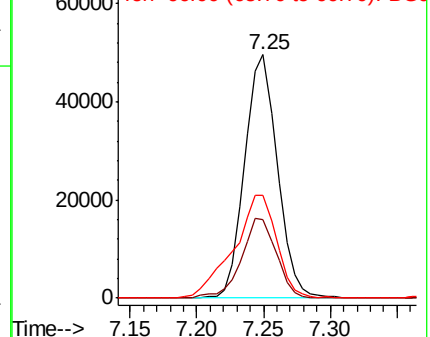
94 100

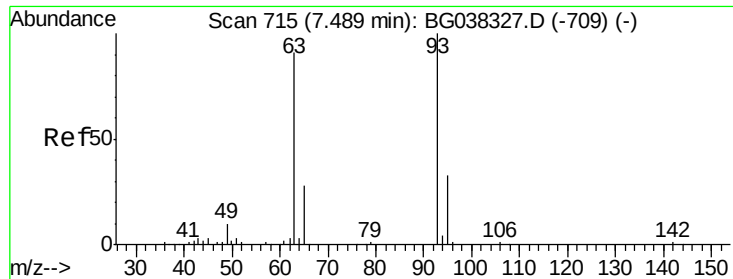
65 32.3 9.7 49.7

66 42.0 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: 38.871 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampled :

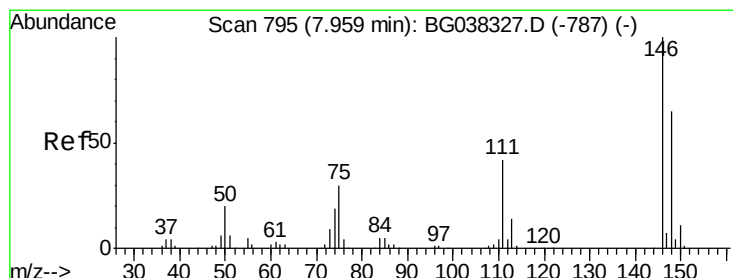
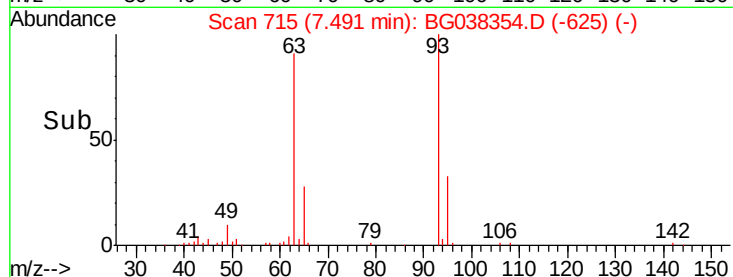
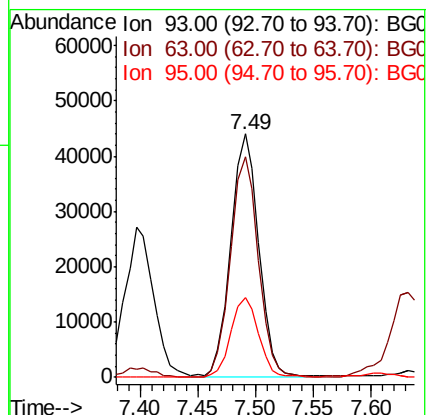
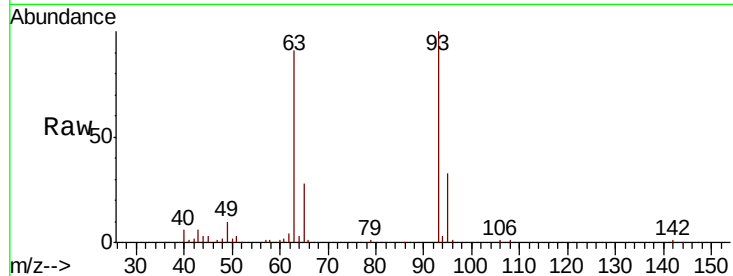
Tot Ion: 93 Resp: 74509

Ion Ratio Lower Upper

93 100

63 90.8 69.5 109.5

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 38.617 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

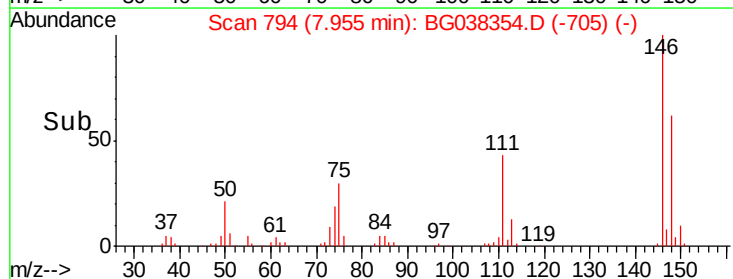
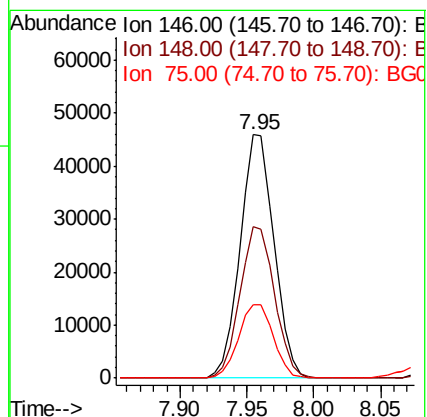
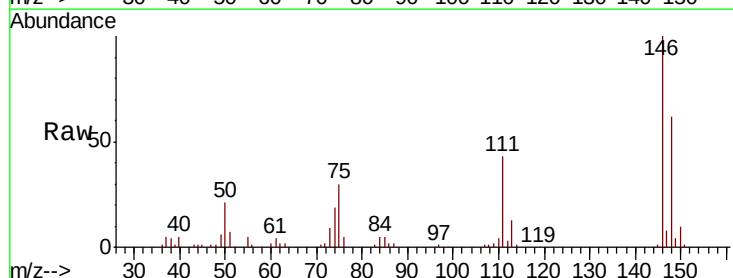
Tgt Ion: 146 Resp: 80338

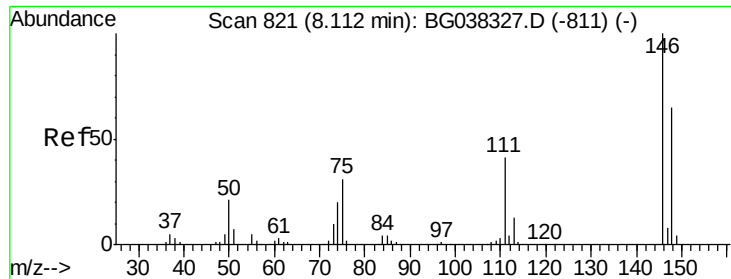
Ion Ratio Lower Upper

146 100

148 62.0 49.8 74.8

75 30.2 23.2 34.8

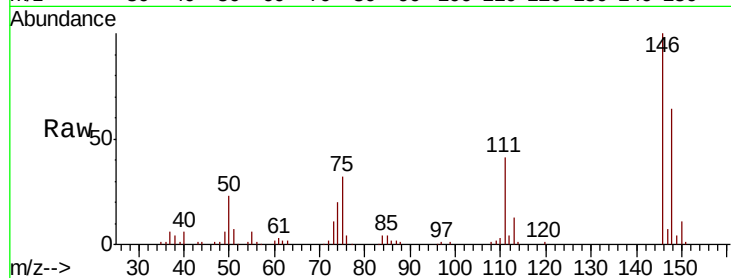




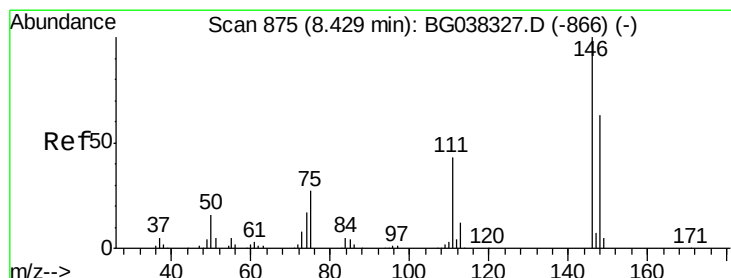
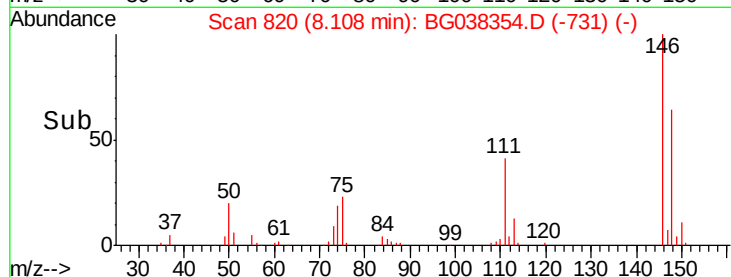
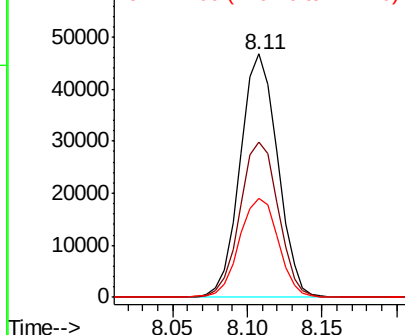
#13
 1,4-Dichlorobenzene
 Concen: 37.751 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 81257
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 111 40.7 32.4 48.6

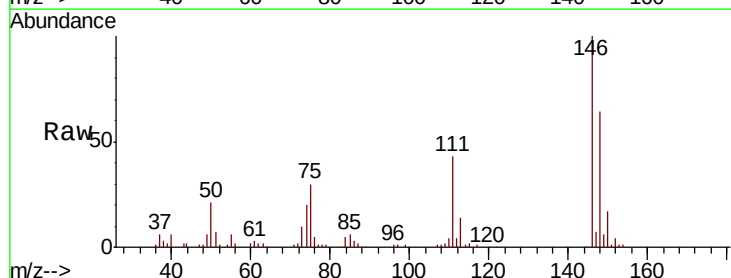


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

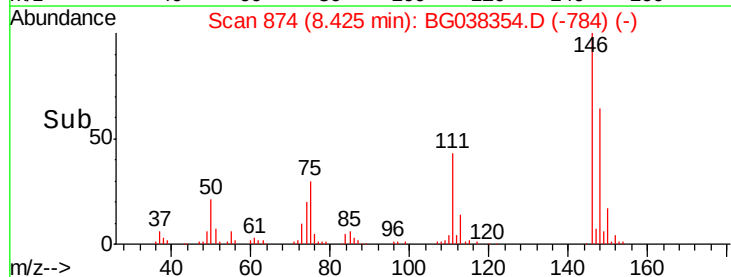
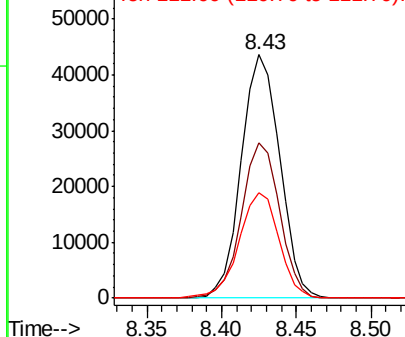


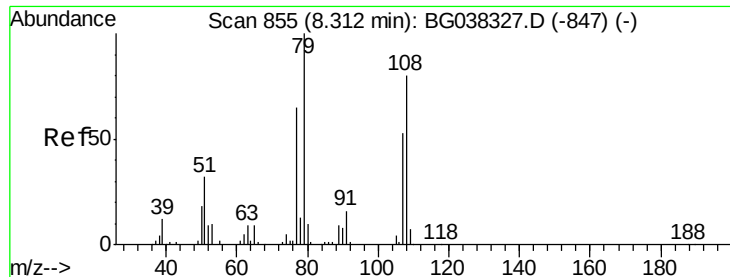
#14
 1,2-Dichlorobenzene
 Concen: 39.273 ng
 RT: 8.43 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:146 Resp: 78134
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.4 75.6
 111 43.3 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 41.398 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampled :

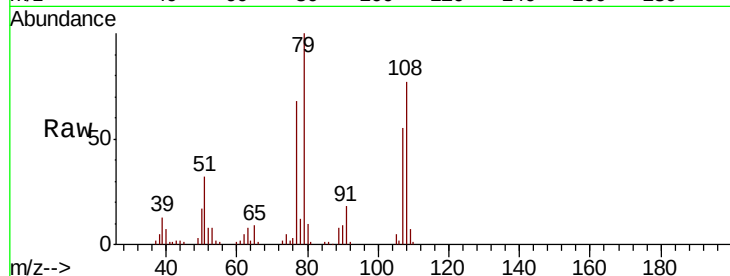
Tot Ion: 79 Resp: 75393

Ion Ratio Lower Upper

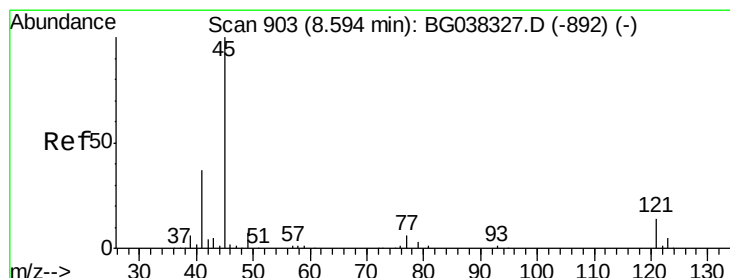
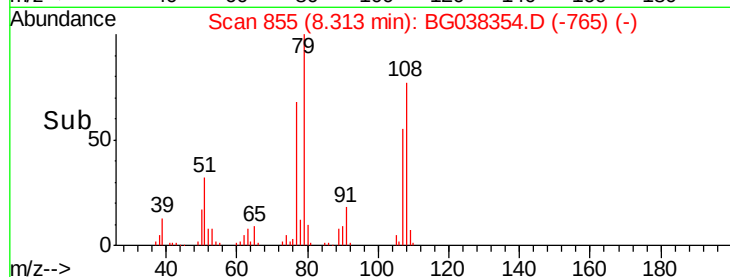
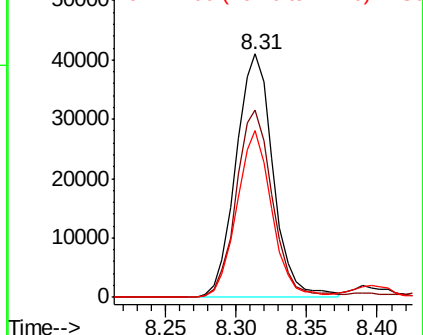
79 100

108 76.9 65.8 98.8

77 68.3 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: 38.256 ng

RT: 8.60 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

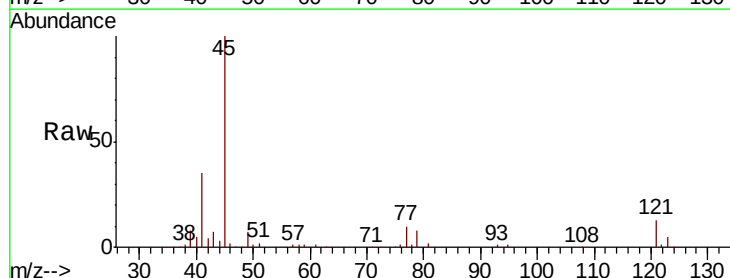
Tgt Ion: 45 Resp: 166792

Ion Ratio Lower Upper

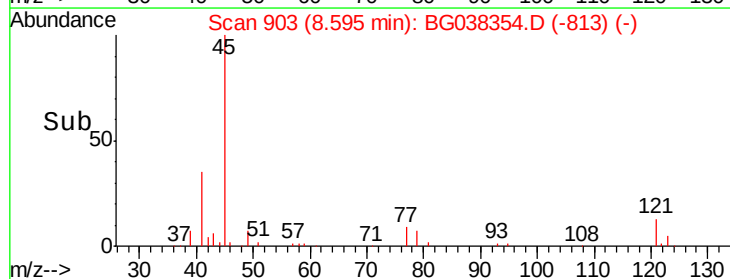
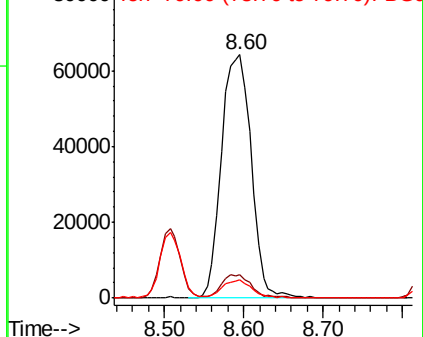
45 100

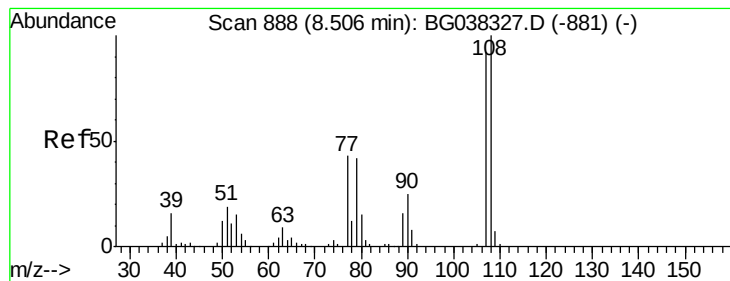
77 9.5 0.0 30.0

79 7.8 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: 41.008 ng

RT: 8.51 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 66958

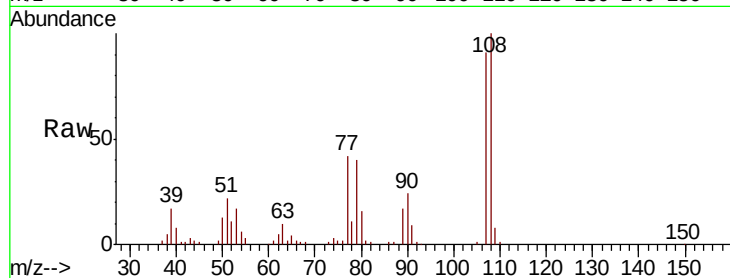
Ion Ratio Lower Upper

107 100

108 110.1 87.9 131.9

77 46.5 35.1 52.7

79 43.9 34.5 51.7

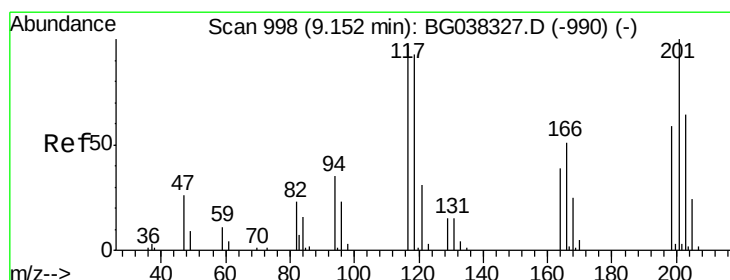
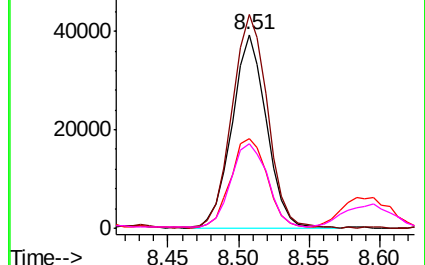
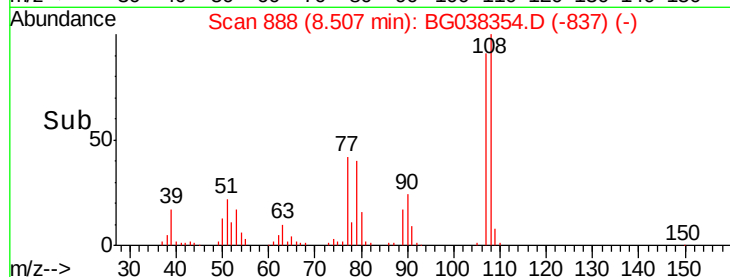


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 38.824 ng

RT: 9.15 min Scan# 998

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

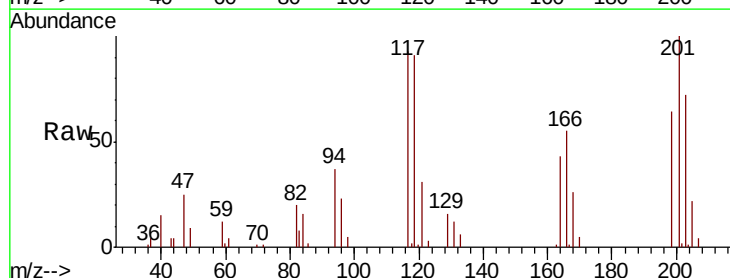
Tgt Ion:117 Resp: 30161

Ion Ratio Lower Upper

117 100

119 97.8 74.6 111.8

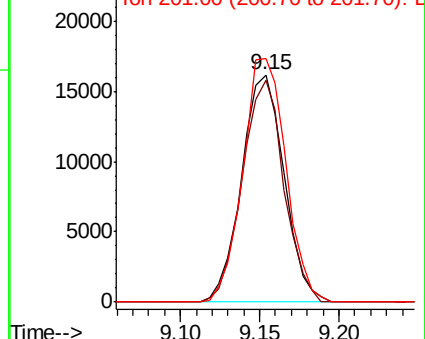
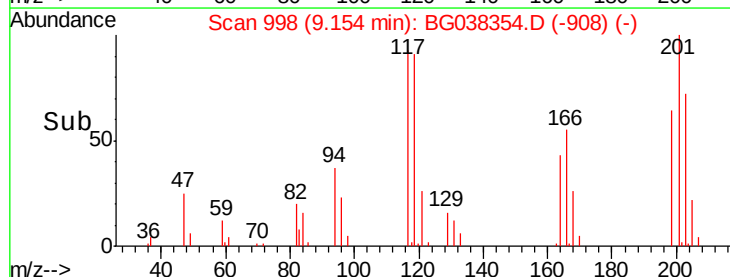
201 107.1 80.8 121.2

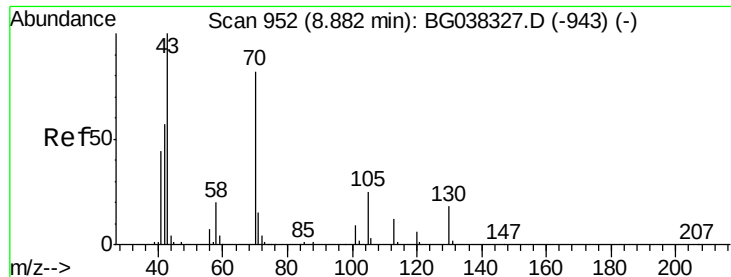


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

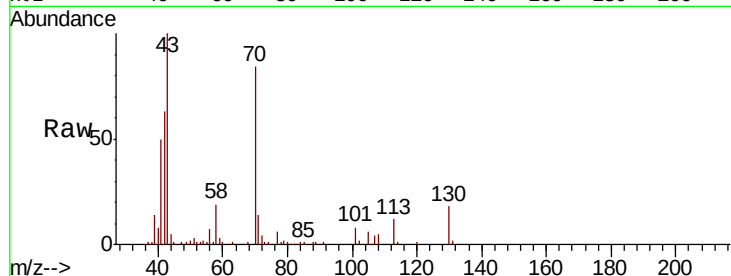




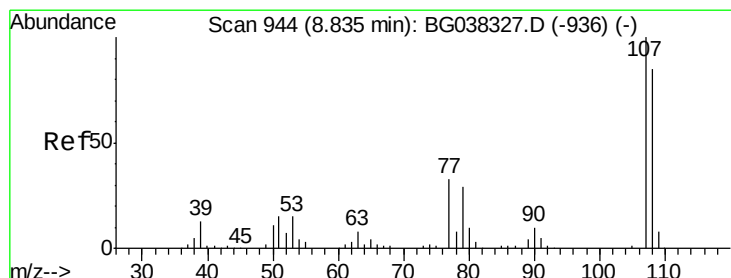
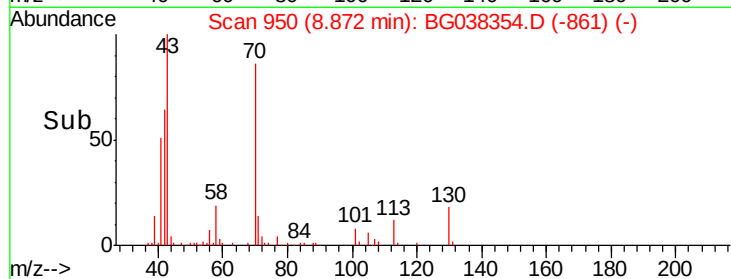
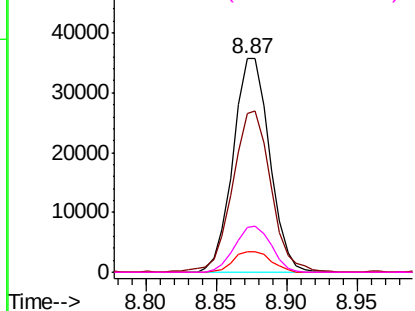
#19
n-Nitroso-di-n-propylamine
Concen: 39.917 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	64633
Ion	Ratio	Lower	Upper
70	100		
42	74.4	53.9	80.9
101	9.7	8.2	12.2
130	20.9	18.2	27.4

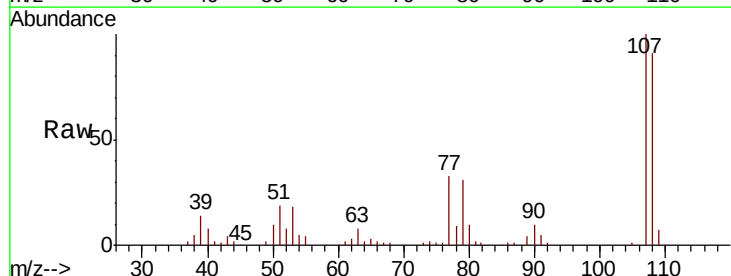


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

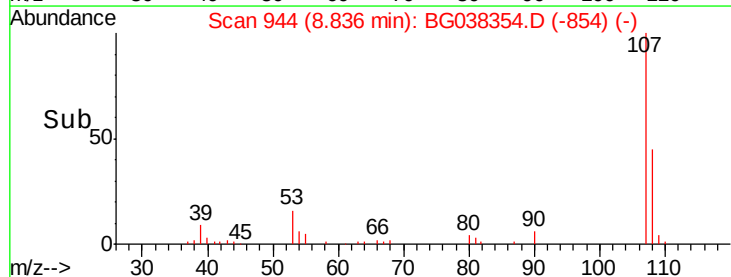
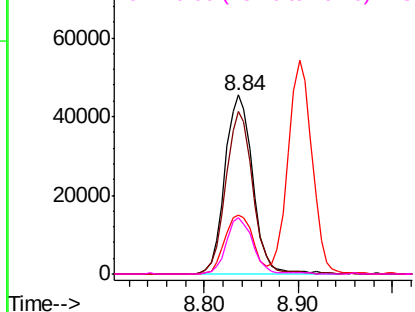


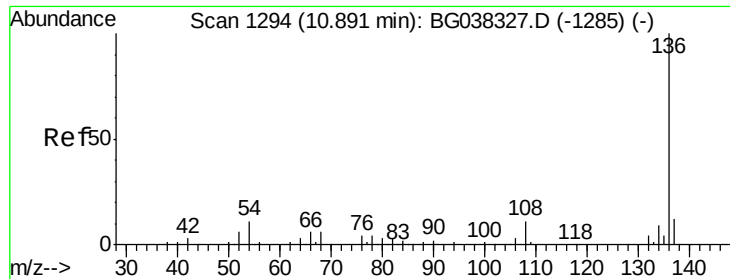
#20
3+4-Methylphenols
Concen: 39.525 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion:	107	Resp:	93196
Ion	Ratio	Lower	Upper
107	100		
108	90.9	69.9	109.9
77	33.0	11.2	51.2
79	31.3	6.6	46.6



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

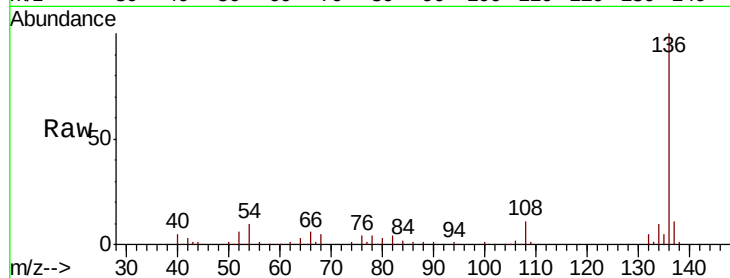




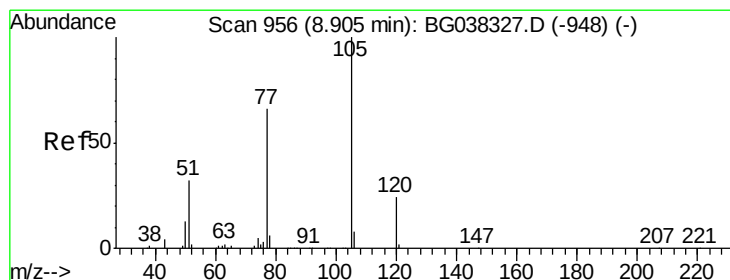
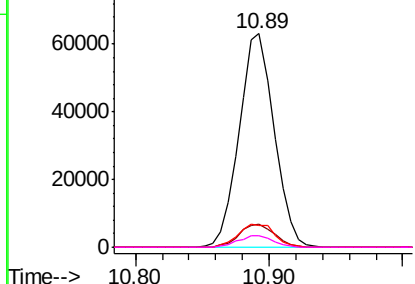
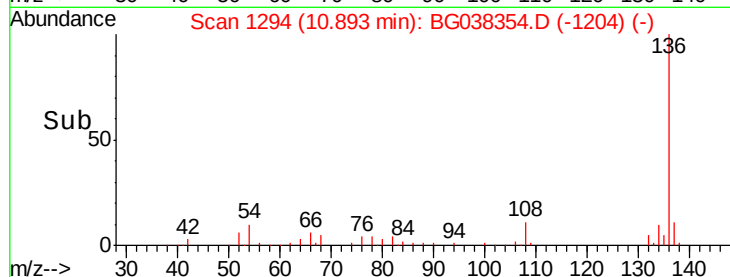
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	114432
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.6 14.4
54	10.5	7.9 11.9
68	5.4	4.8 7.2

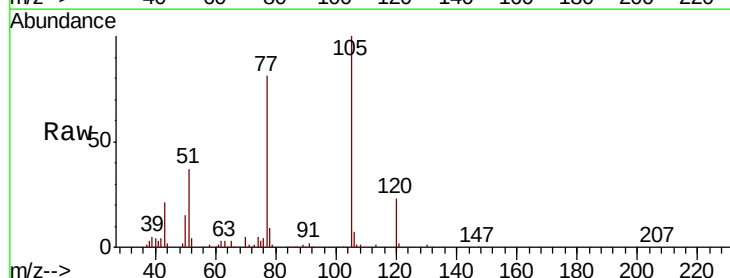


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

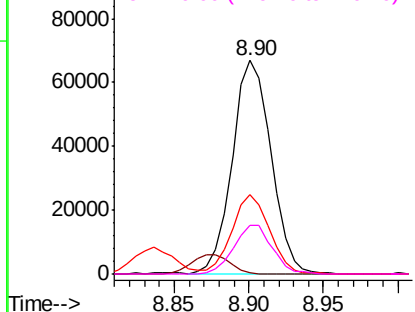
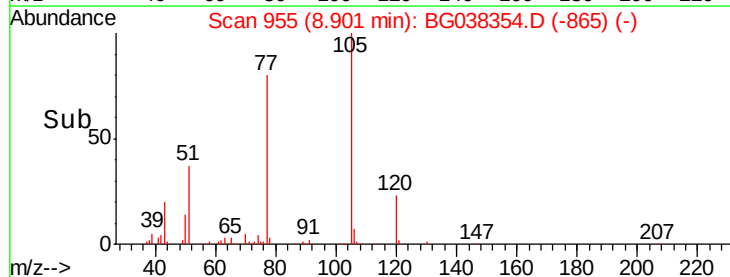


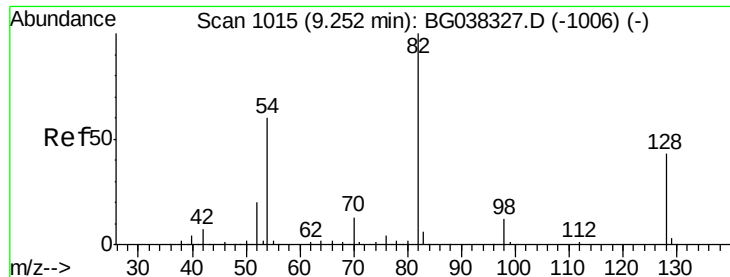
#22
Acetophenone
Concen: 44.119 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion:105	Resp:	121126
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.2 1.8#
51	37.2	25.0 37.6
120	22.6	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BG
Ion 51.00 (50.70 to 51.70): BG
Ion 120.00 (119.70 to 120.70): E

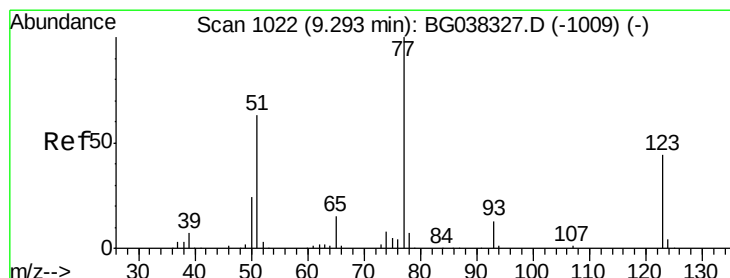
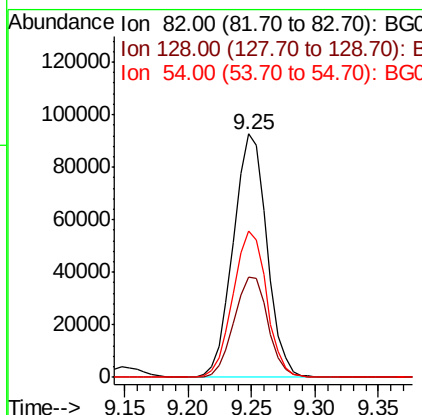
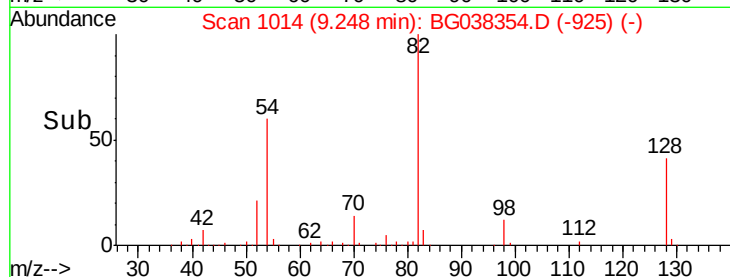
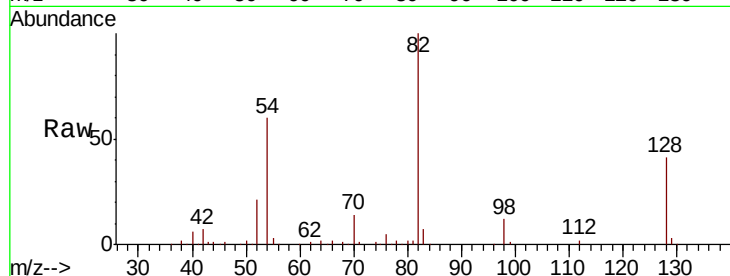




#23
 Nitrobenzene-d5
 Concen: 73.922 ng
 RT: 9.25 min Scan# 1014
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

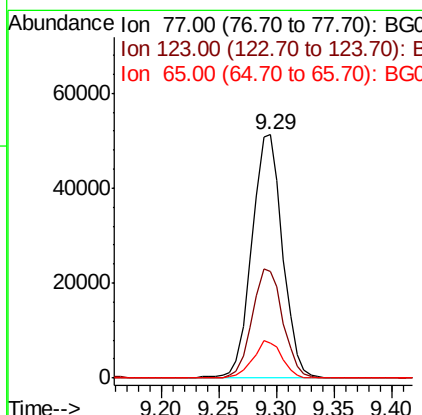
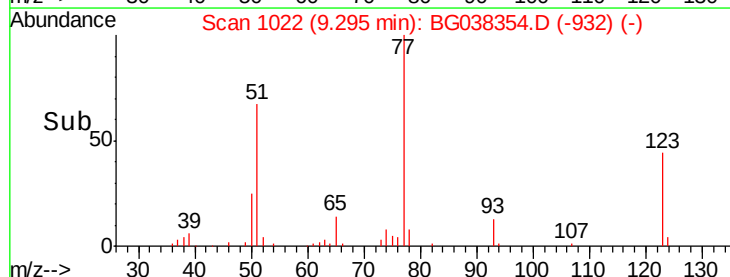
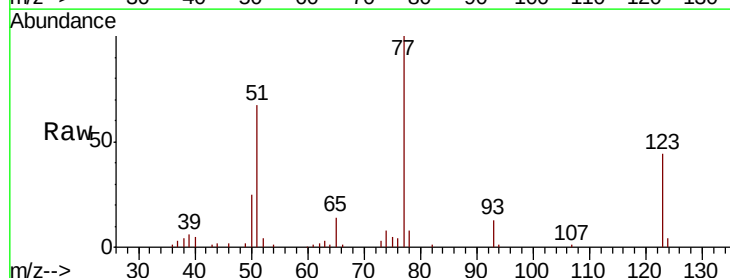
Instrument :
 BNA_G
 ClientSampleID :

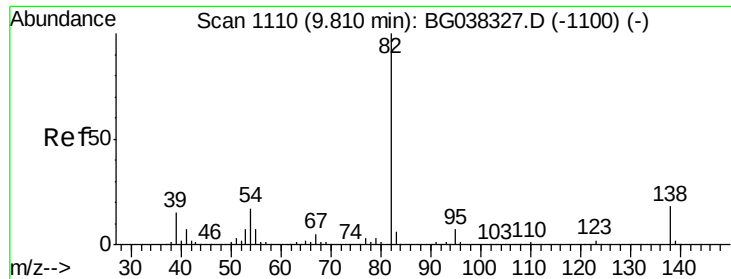
Tot Ion: 82 Resp: 170380
 Ion Ratio Lower Upper
 82 100
 128 41.2 34.6 51.8
 54 60.0 45.3 67.9



#24
 Nitrobenzene
 Concen: 40.621 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion: 77 Resp: 95123
 Ion Ratio Lower Upper
 77 100
 123 43.6 33.6 50.4
 65 14.2 11.3 16.9





#25

Isophorone

Concen: 71.305 ng

RT: 9.81 min Scan# 1109

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

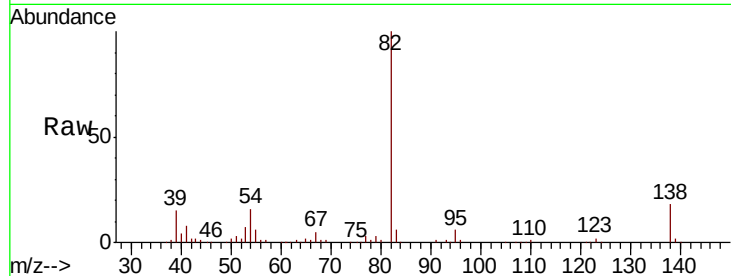
Tot Ion: 82 Resp: 288822

Ion Ratio Lower Upper

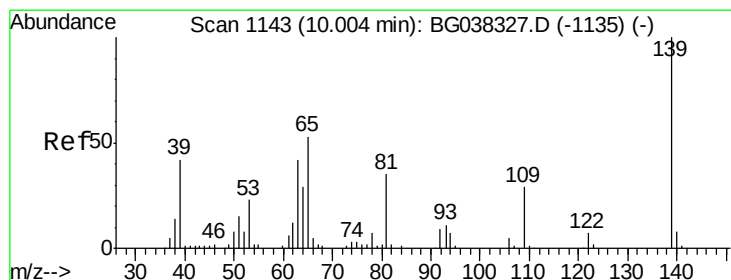
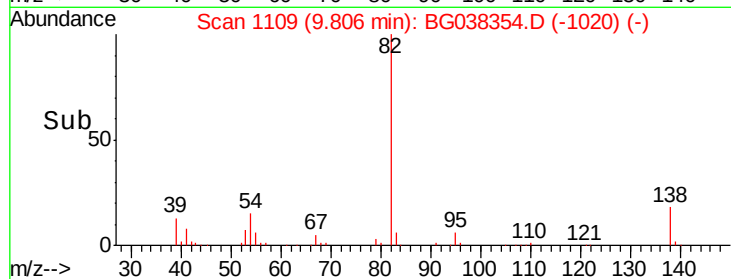
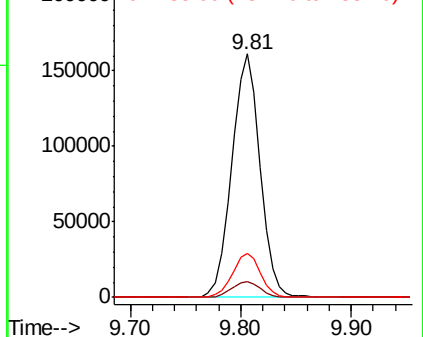
82 100

95 6.4 5.3 7.9

138 18.0 13.3 19.9



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



#26

2-Nitrophenol

Concen: 63.218 ng

RT: 10.01 min Scan# 1143

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

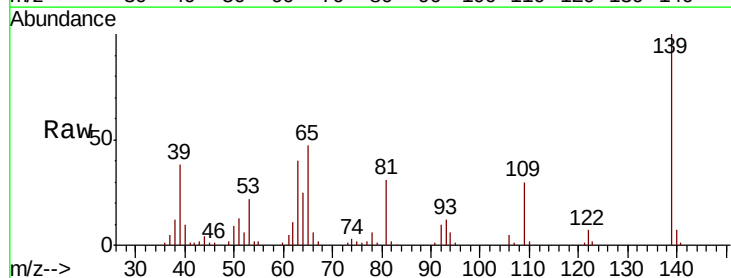
Tgt Ion: 139 Resp: 68593

Ion Ratio Lower Upper

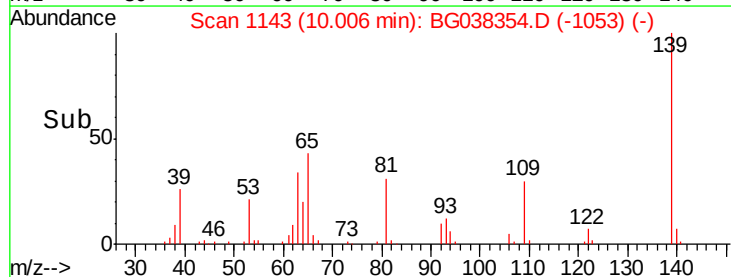
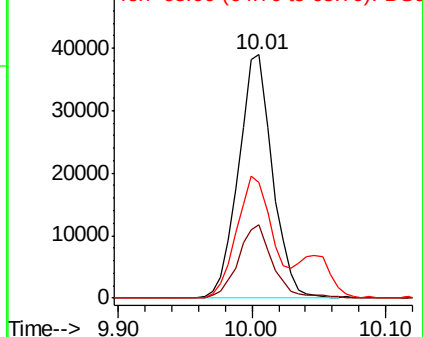
139 100

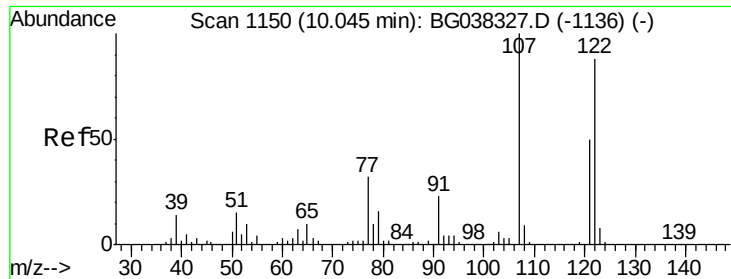
109 30.3 23.3 34.9

65 47.2 39.8 59.8



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

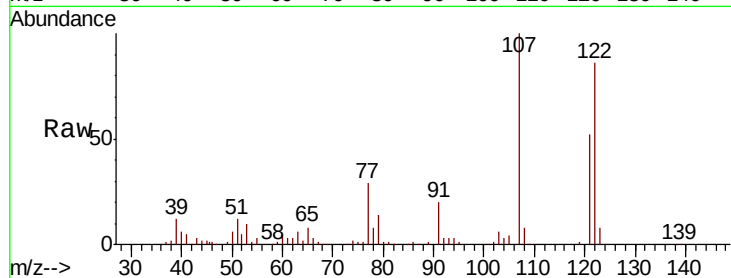




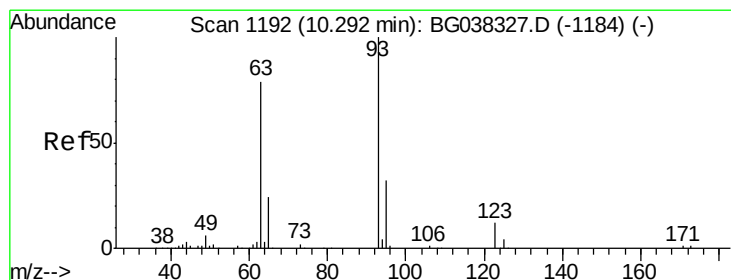
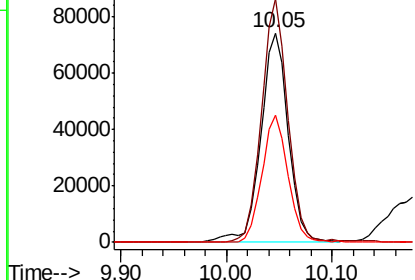
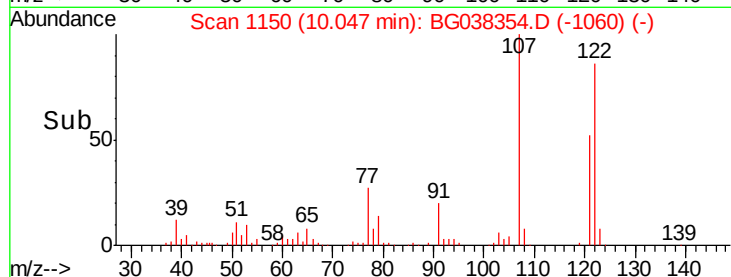
#27
 2,4-Dimethylphenol
 Concen: 85.957 ng
 RT: 10.05 min Scan# 1150
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:122 Resp: 133959
 Ion Ratio Lower Upper
 122 100
 107 116.4 94.2 141.2
 121 61.0 47.3 70.9

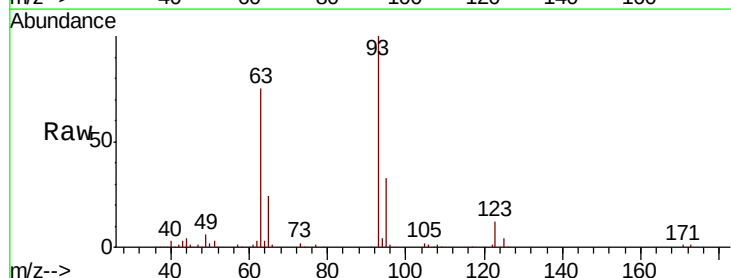


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

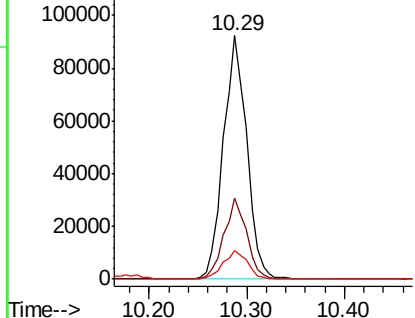
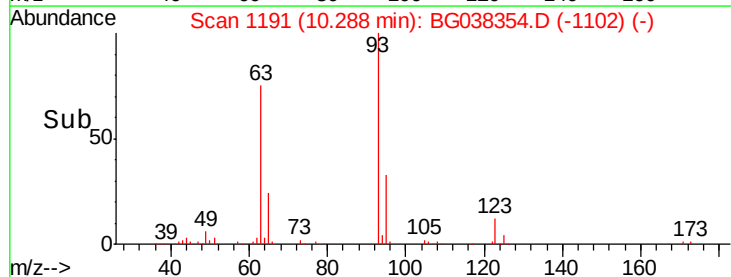


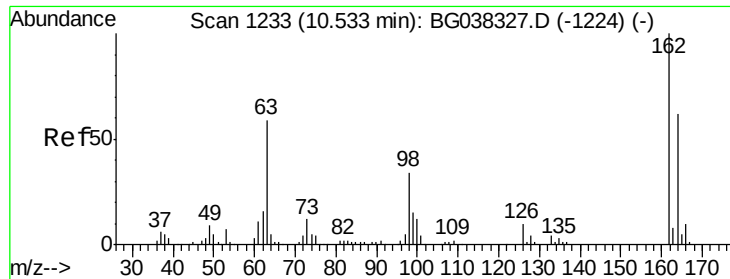
#28
 bis(2-Chloroethoxy)methane
 Concen: 66.308 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion: 93 Resp: 153970
 Ion Ratio Lower Upper
 93 100
 95 33.2 24.6 37.0
 123 11.8 9.1 13.7



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

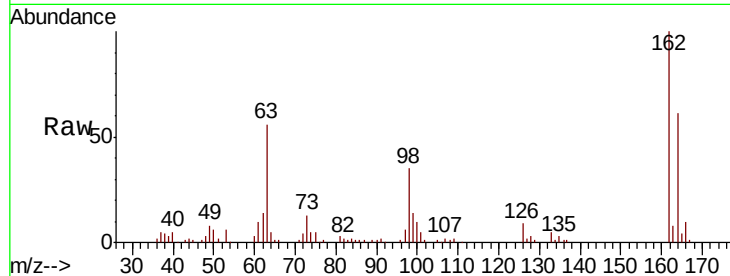




#29
 2,4-Dichlorophenol
 Concen: 51.270 ng
 RT: 10.53 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.0	43.2	83.2
98	34.9	16.0	56.0

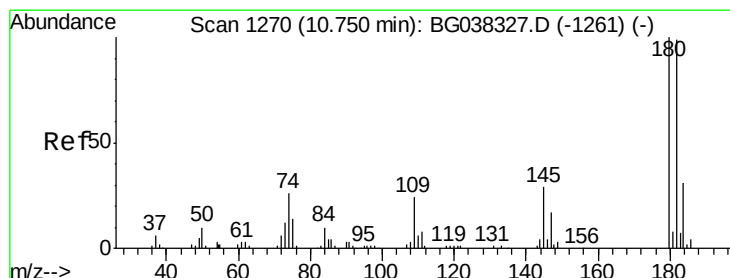
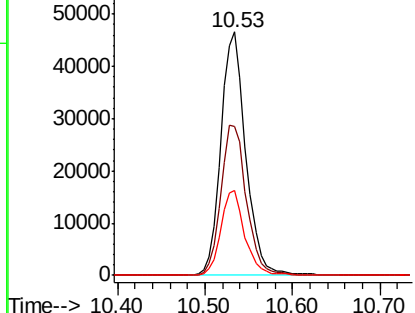
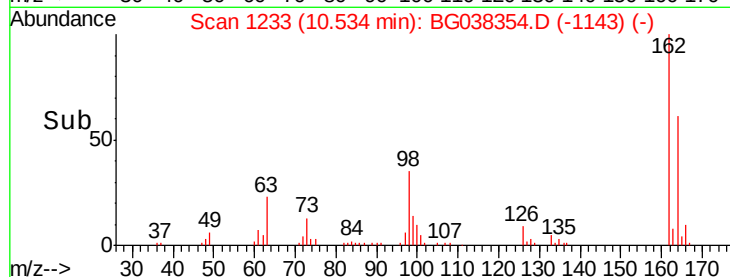


Abundance

Ion 162.00 (161.70 to 162.70): E

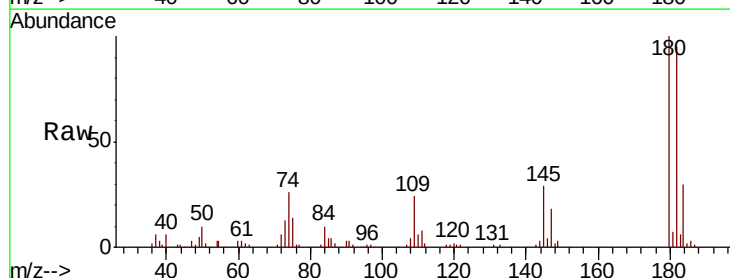
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 41.002 ng
 RT: 10.75 min Scan# 1269
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.7	116.5
145	29.1	23.3	34.9

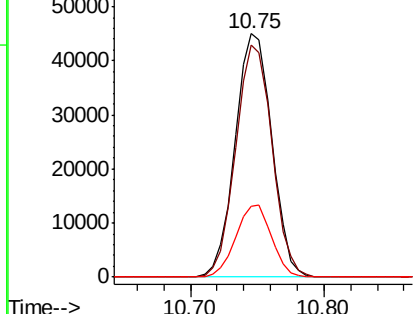
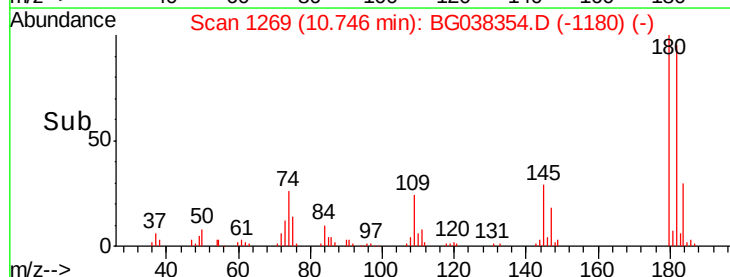


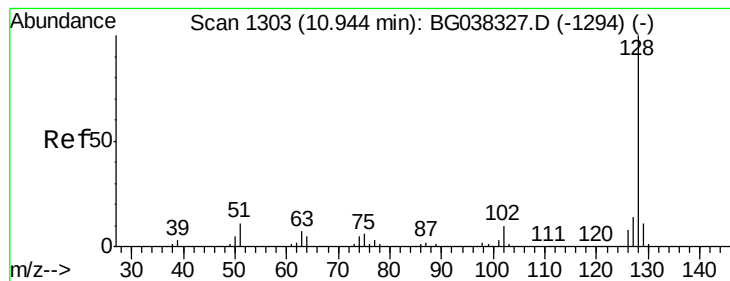
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 45.562 ng

RT: 10.94 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

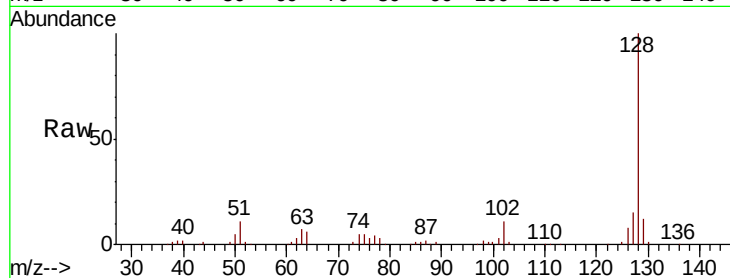
Tot Ion:128 Resp: 249050

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

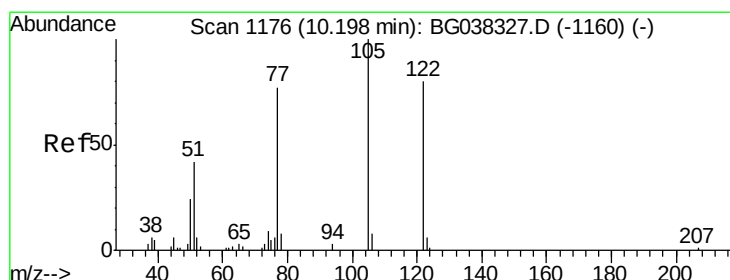
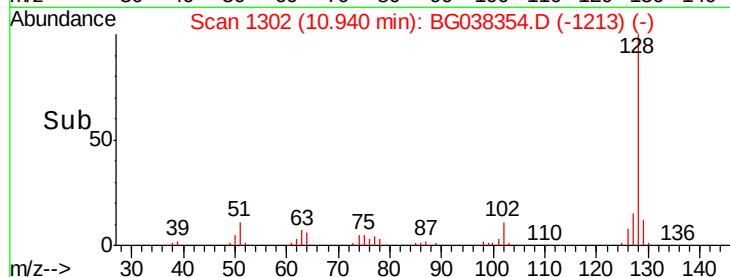
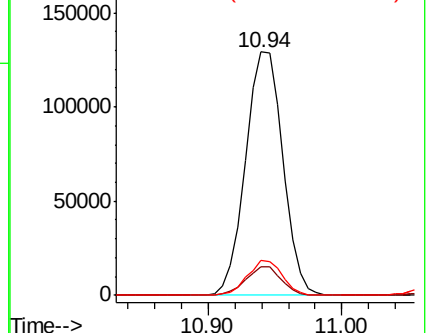
127 14.6 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 52.084 ng

RT: 10.19 min Scan# 1174

Delta R.T. -0.01 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

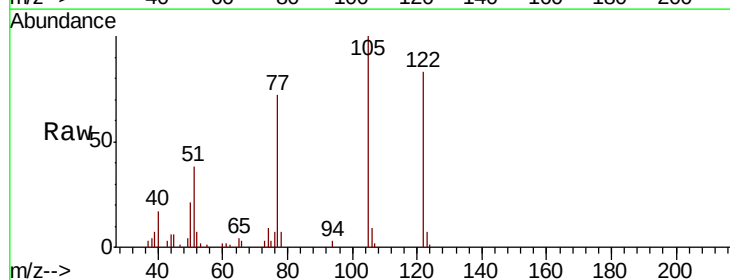
Tgt Ion:122 Resp: 58122

Ion Ratio Lower Upper

122 100

105 120.4 106.7 146.7

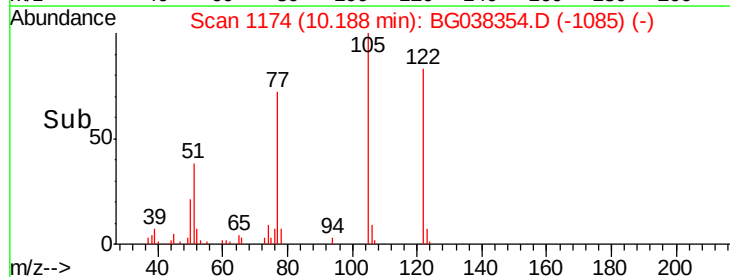
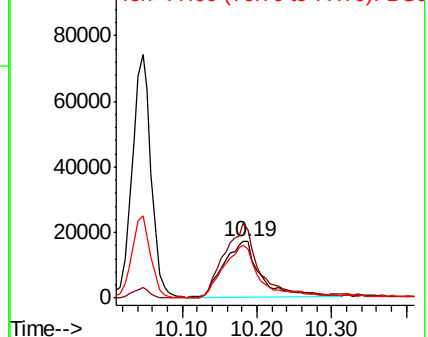
77 86.7 72.2 112.2

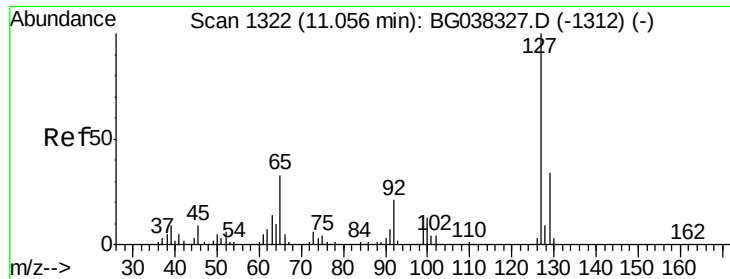


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

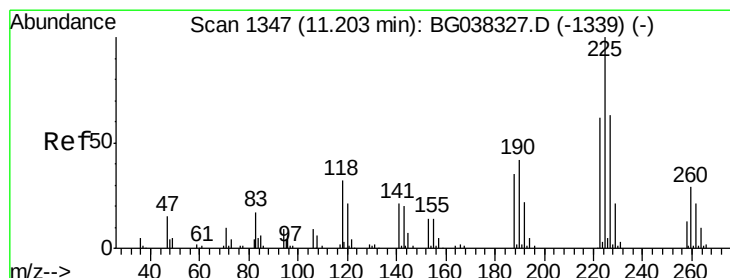
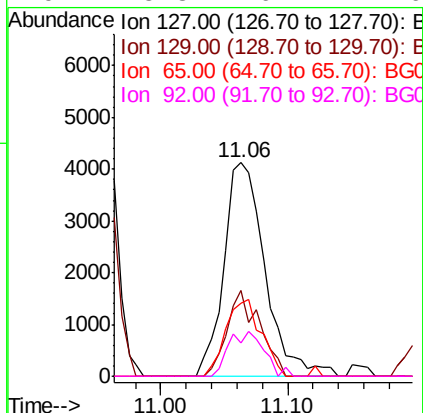
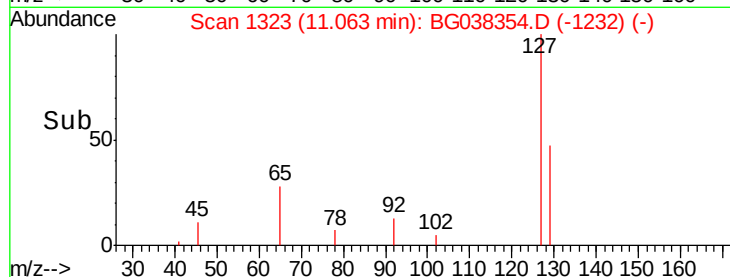
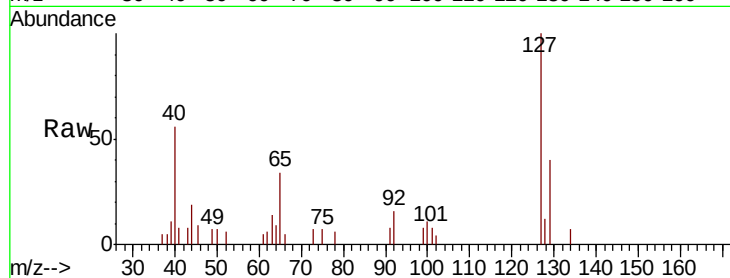




#33
4-Chloroaniline
Concen: 3.824 ng
RT: 11.06 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

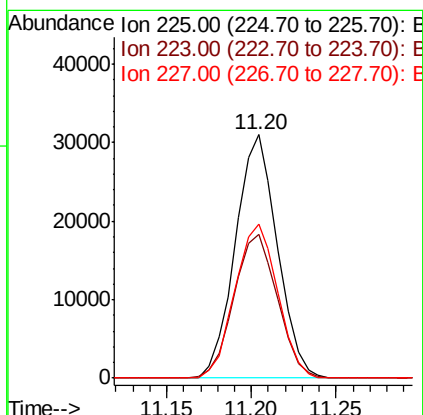
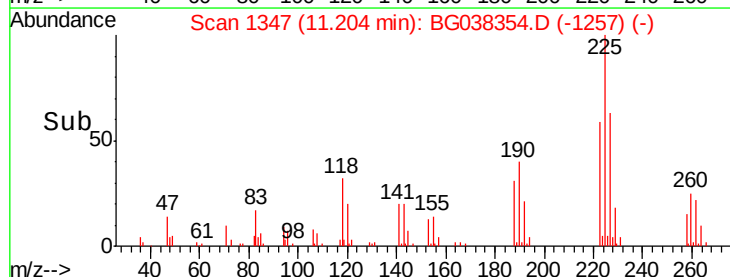
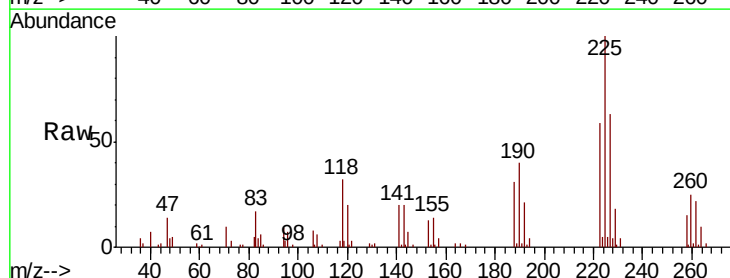
Instrument :
BNA_G
ClientSampleId :

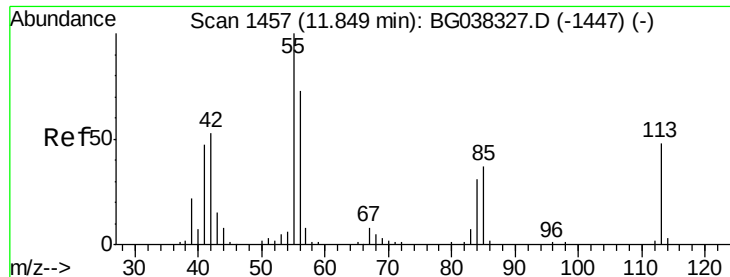
Tot Ion:127 Resp: 9253
Ion Ratio Lower Upper
127 100
129 40.0 27.1 40.7
65 34.4 26.6 39.8
92 15.8 16.4 24.6#



#34
Hexachlorobutadiene
Concen: 40.867 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion:225 Resp: 53392
Ion Ratio Lower Upper
225 100
223 56.1 48.2 72.4
227 63.7 51.6 77.4





#35

Caprolactam

Concen: 17.612 ng

RT: 11.84 min Scan# 1455

Delta R.T. -0.01 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

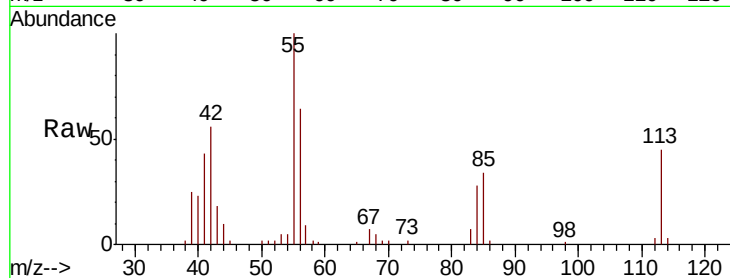
Tot Ion:113 Resp: 12957

Ion Ratio Lower Upper

113 100

55 223.6 176.6 216.6#

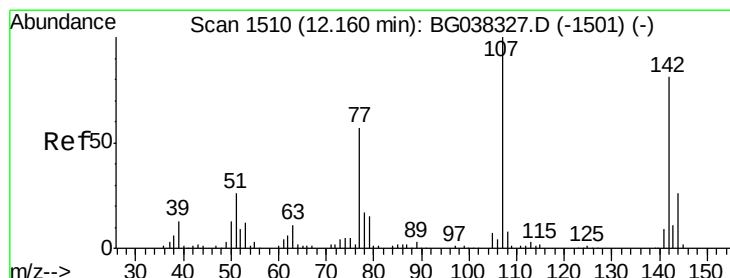
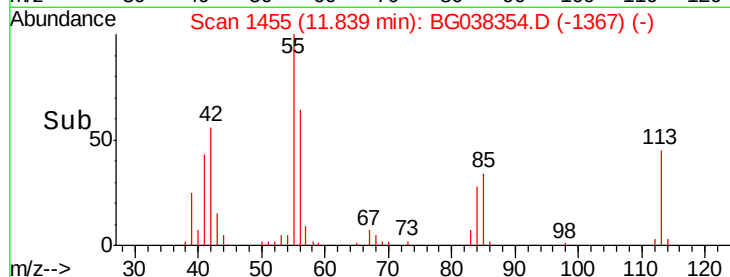
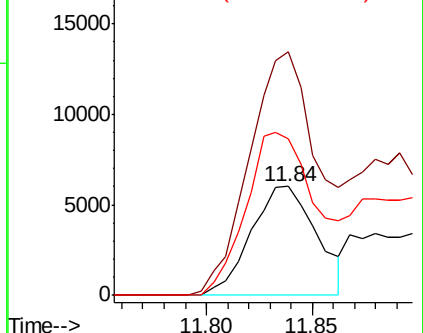
56 143.4 128.3 168.3



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: 47.961 ng

RT: 12.16 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

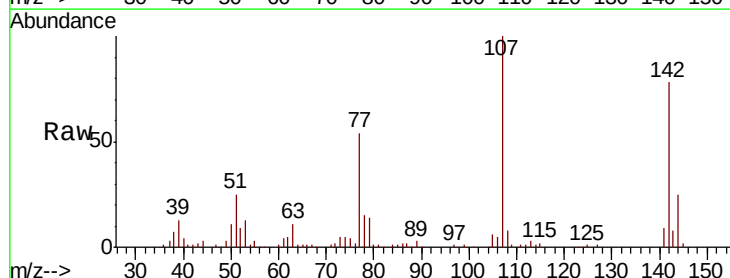
Tgt Ion:107 Resp: 94799

Ion Ratio Lower Upper

107 100

144 24.8 20.7 31.1

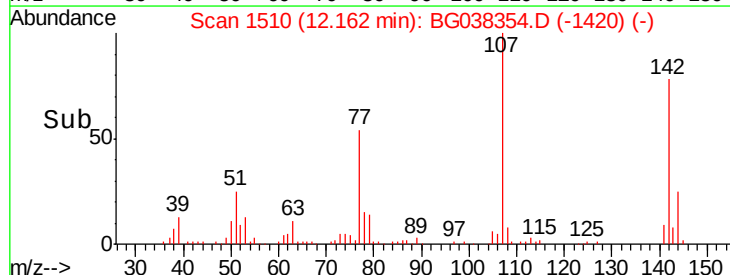
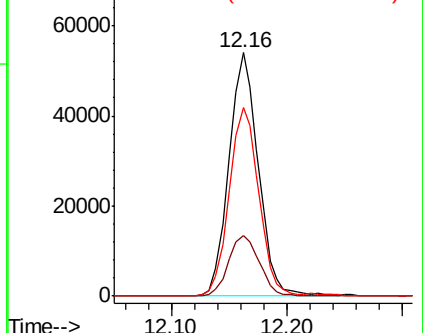
142 77.7 64.4 96.6

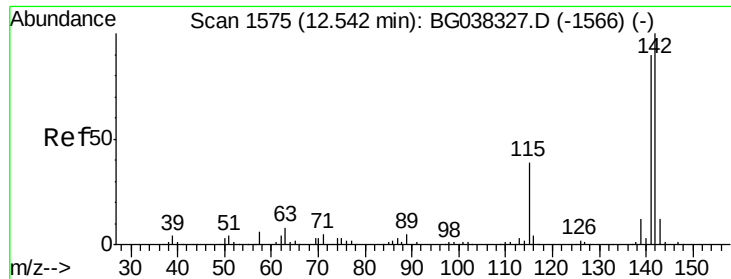


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

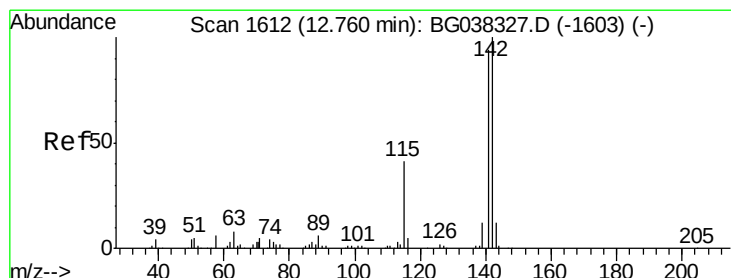
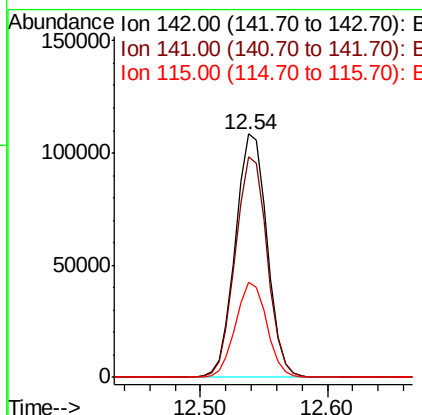
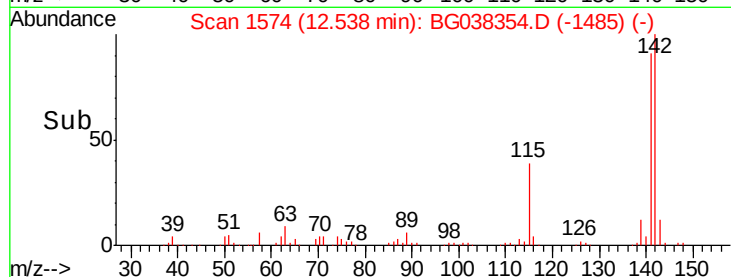
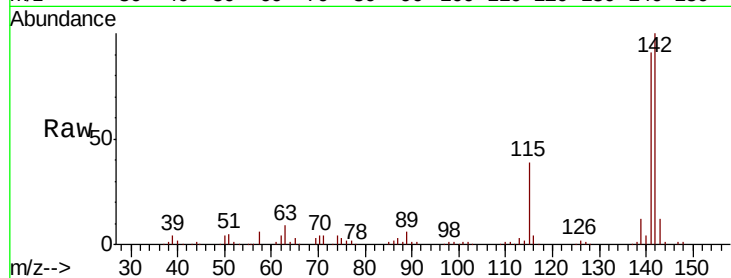




#37
 2-Methylnaphthalene
 Concen: 48.337 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

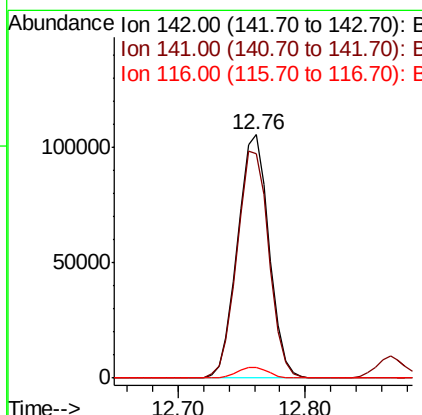
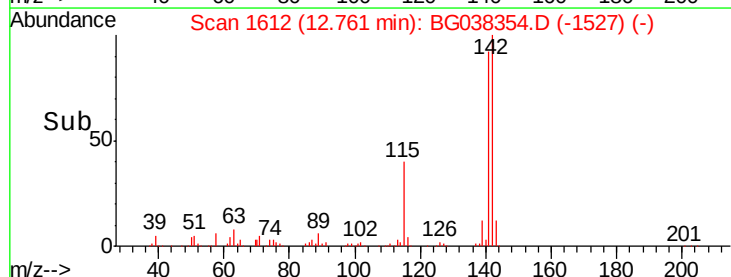
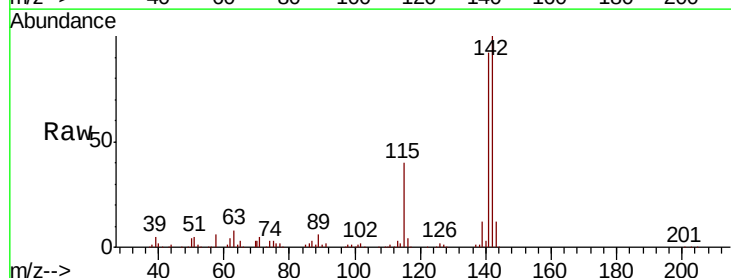
Instrument :
 BNA_G
 ClientSampled :

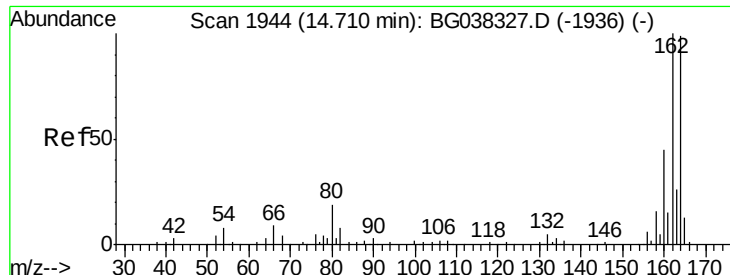
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.9	107.9
115	38.8	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 48.564 ng
 RT: 12.76 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

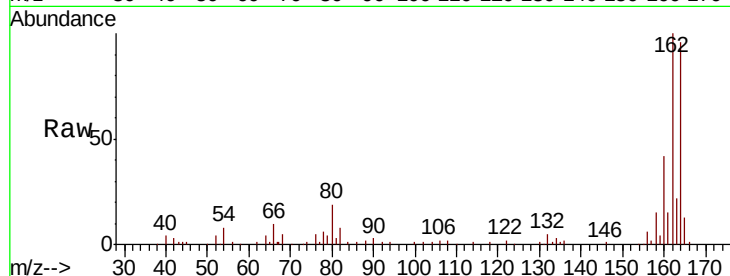
Tot Ion:164 Resp: 76361

Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

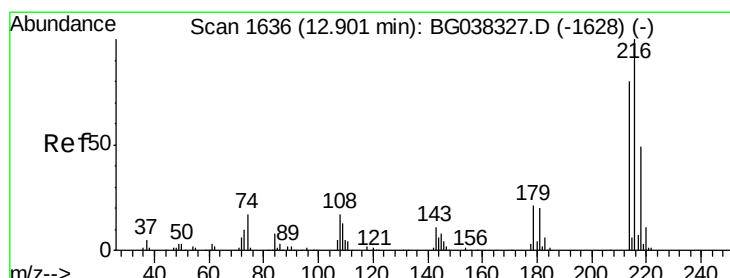
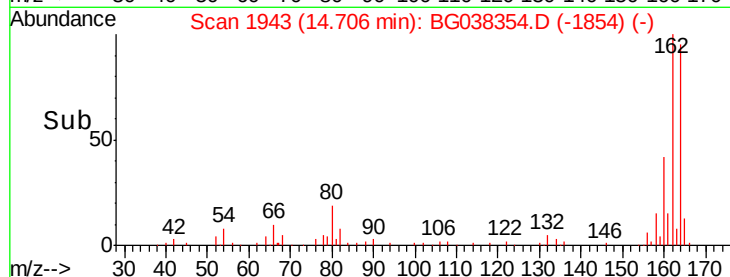
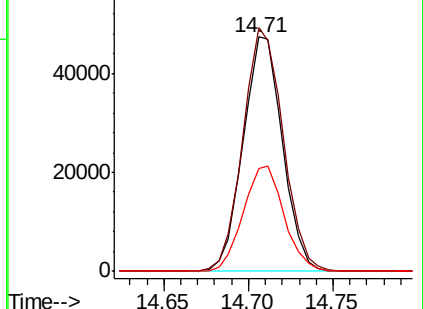
160 44.1 36.3 54.5



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: 38.787 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:216 Resp: 101916

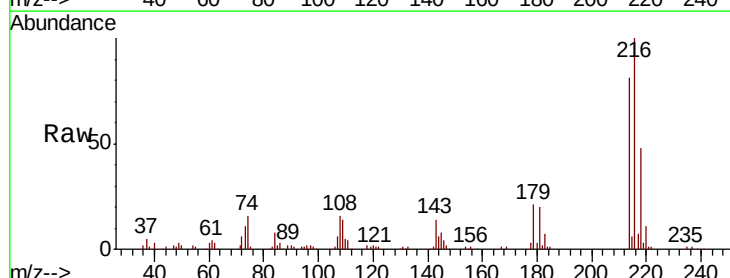
Ion Ratio Lower Upper

216 100

214 80.1 63.8 95.6

179 20.9 17.4 26.0

108 20.2 13.9 20.9

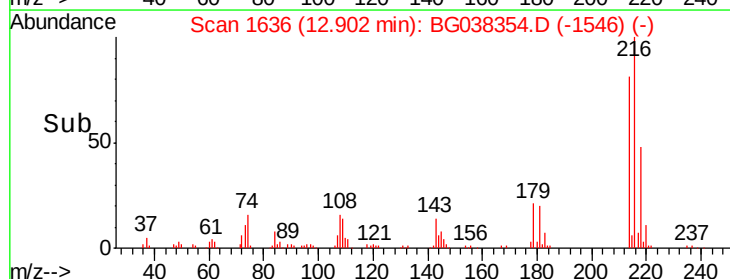
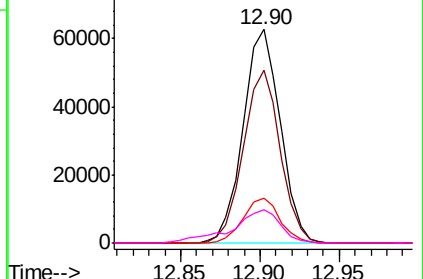


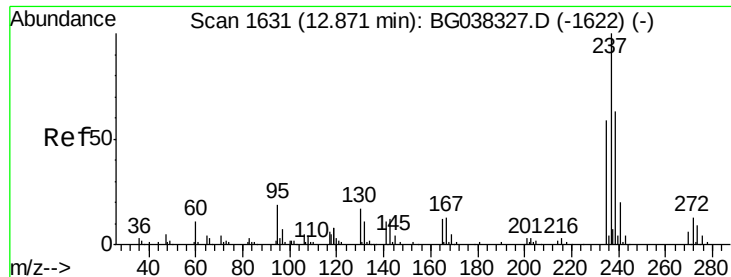
Abundance Ion 216.00 (215.70 to 216.70): E

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: 90.502 ng

RT: 12.87 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

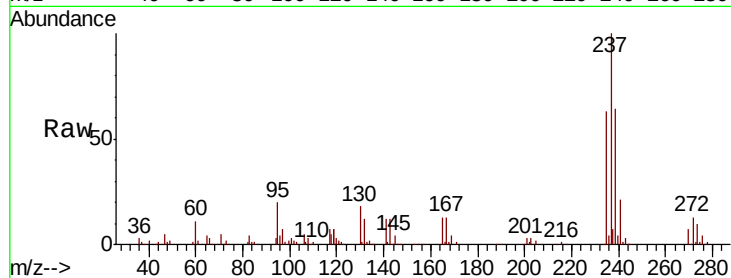
Tot Ion:237 Resp: 130681

Ion Ratio Lower Upper

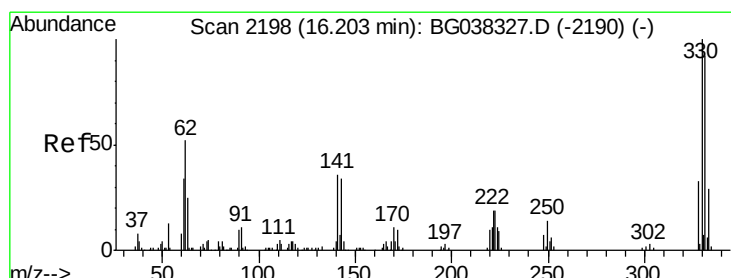
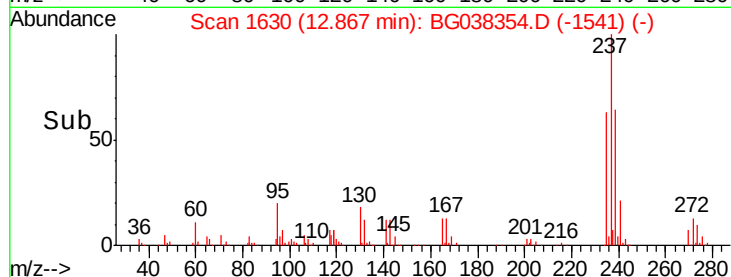
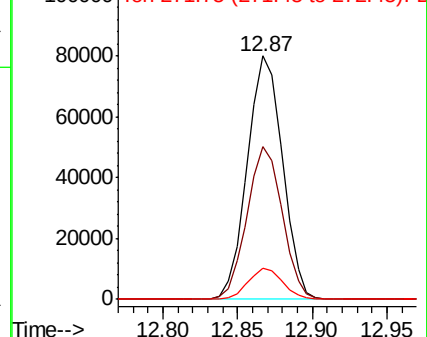
237 100

235 62.7 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: 126.166 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

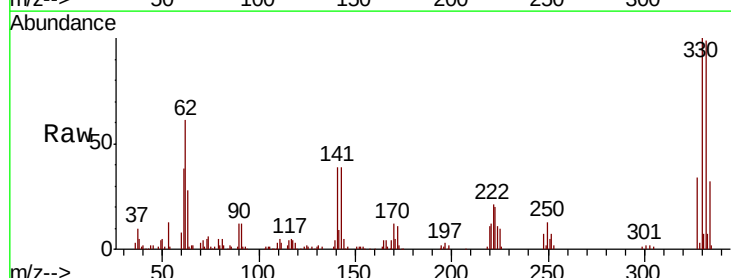
Tgt Ion:330 Resp: 118271

Ion Ratio Lower Upper

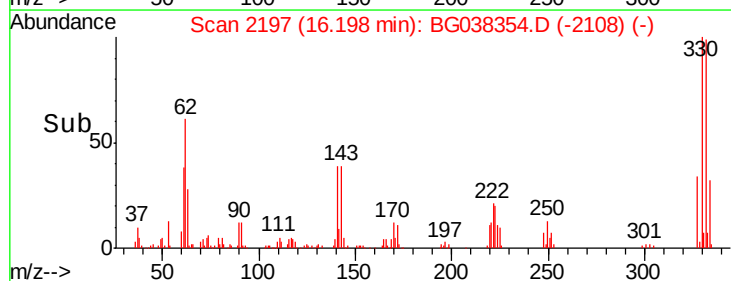
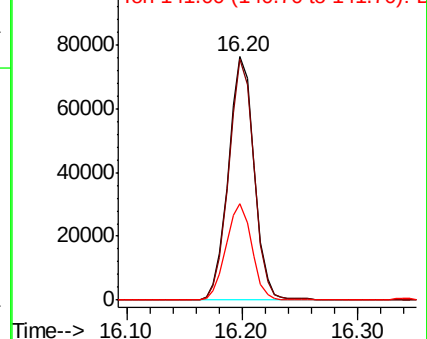
330 100

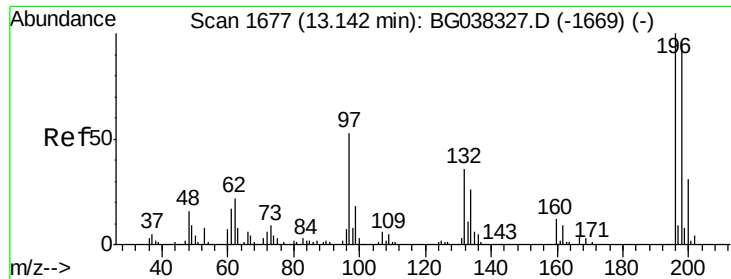
332 97.1 78.4 117.6

141 39.7 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

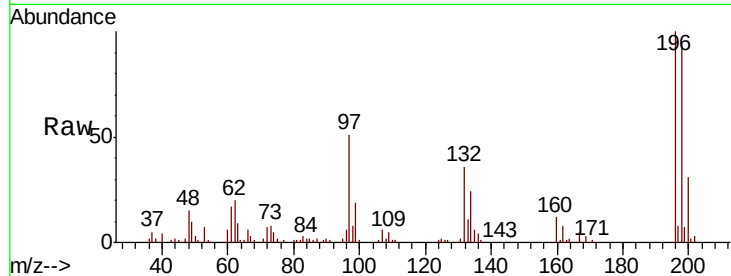




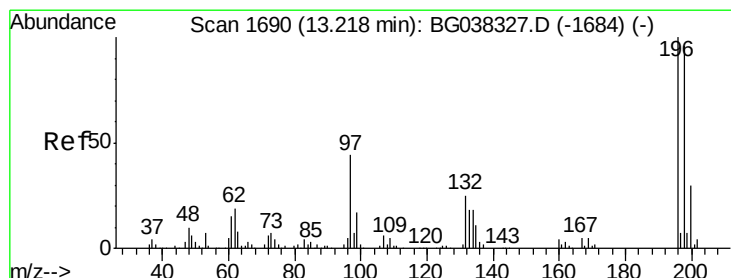
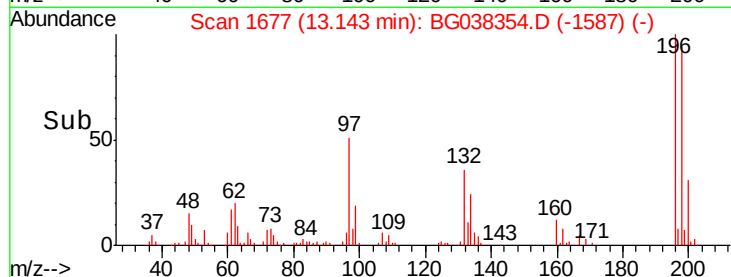
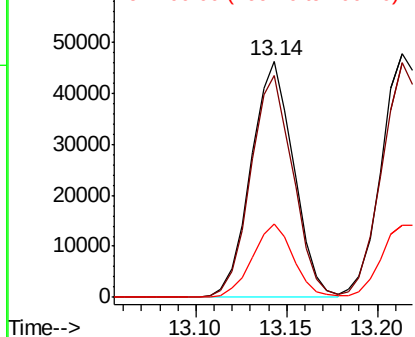
#43
 2,4,6-Trichlorophenol
 Concen: 44.388 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 75554
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.4 114.6
 200 31.2 24.9 37.3

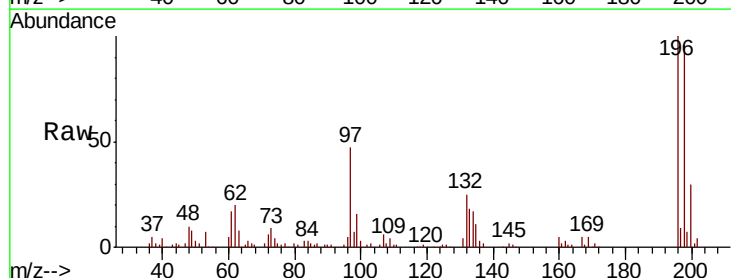


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

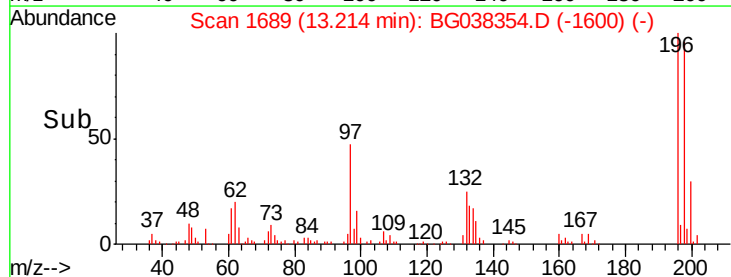
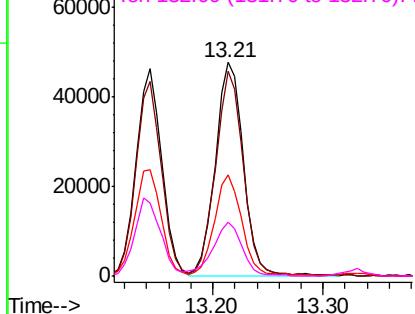


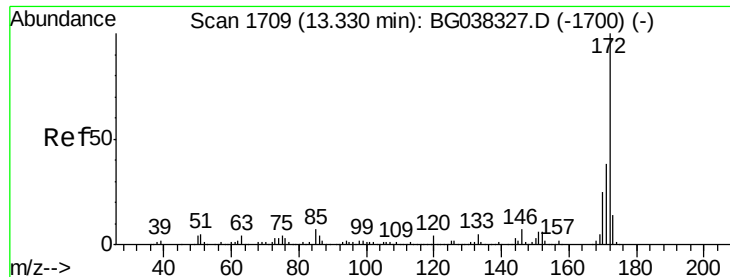
#44
 2,4,5-Trichlorophenol
 Concen: 46.840 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:196 Resp: 84461
 Ion Ratio Lower Upper
 196 100
 198 96.2 74.2 111.2
 97 47.4 34.1 51.1
 132 25.3 20.2 30.4



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



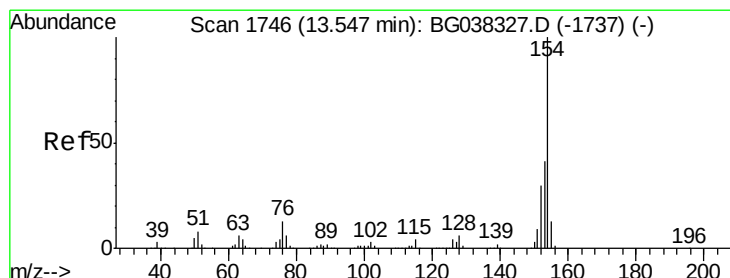
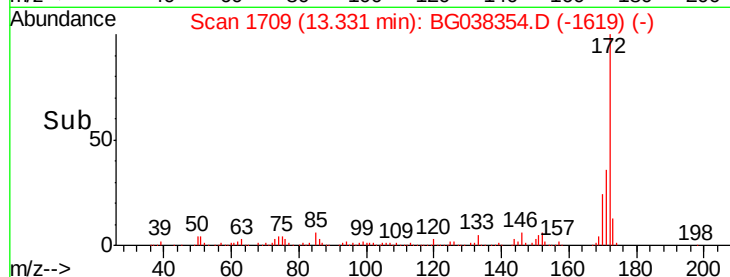
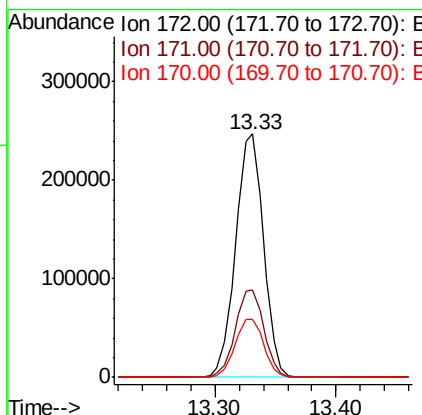
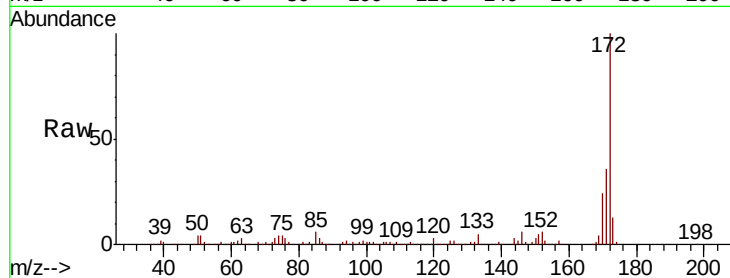


#45
 2-Fluorobiphenyl
 Concen: 74.307 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 398213

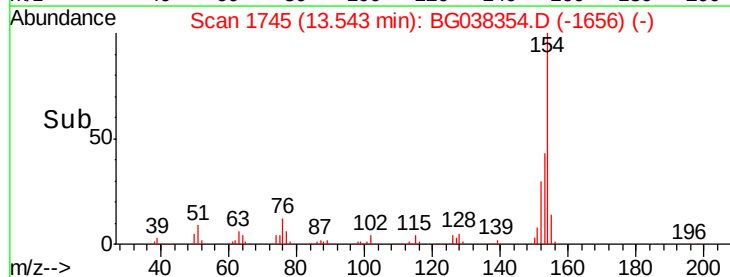
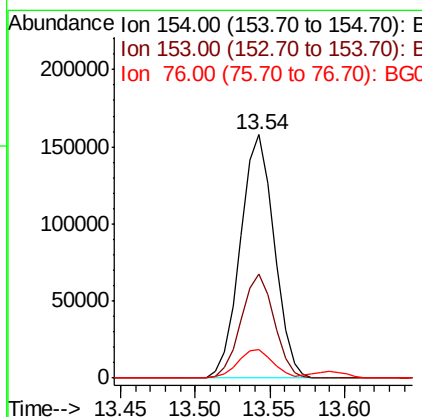
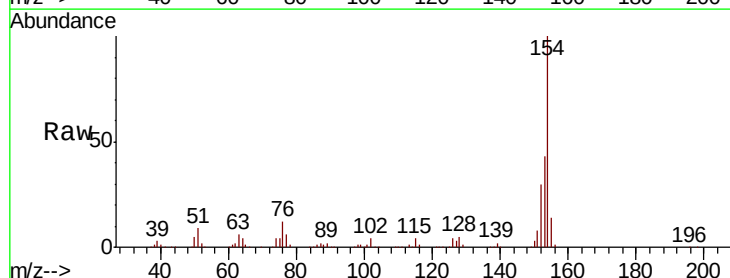
Ion	Ratio	Lower	Upper
172	100		
171	36.1	31.0	46.4
170	23.6	20.2	30.2

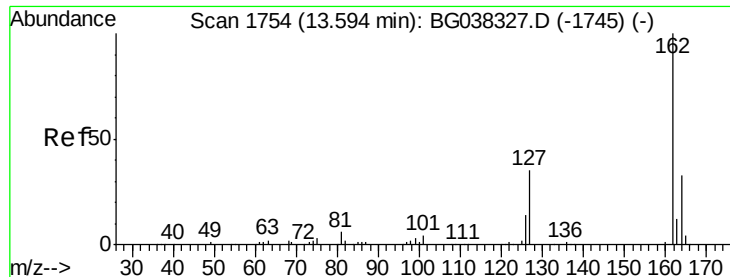


#46
 1,1'-Biphenyl
 Concen: 38.477 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:154 Resp: 248359

Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.6	0.0	33.2

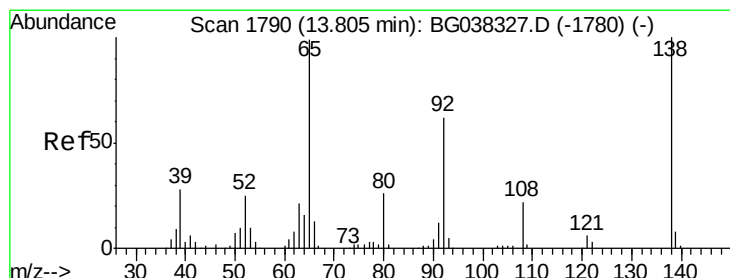
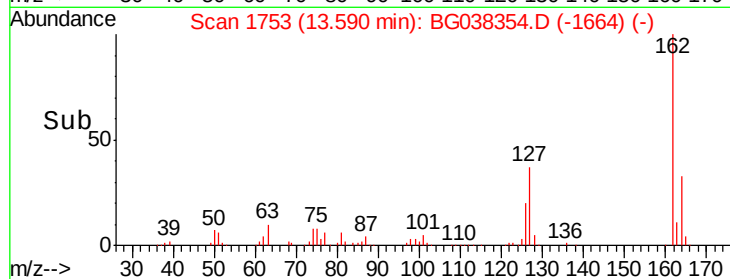
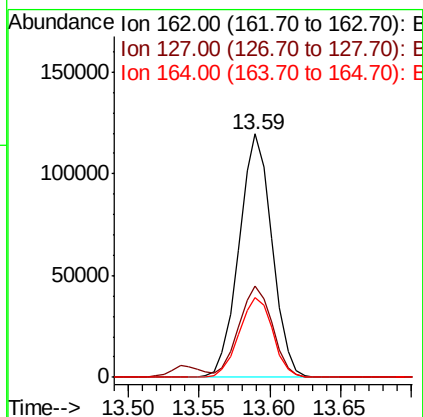
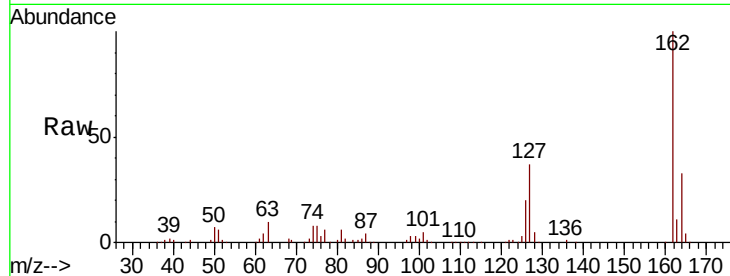




#47
 2-Chloronaphthalene
 Concen: 39.997 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

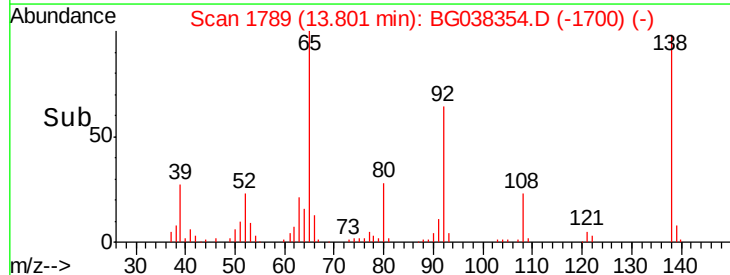
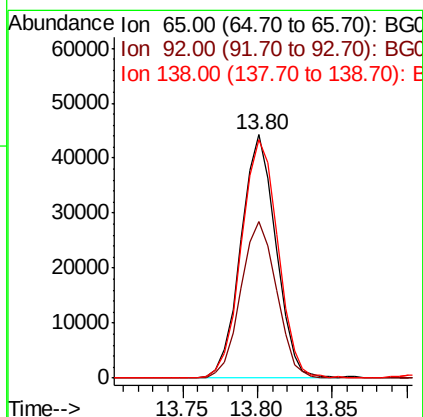
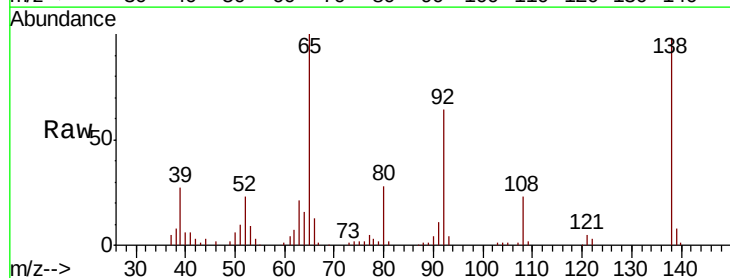
Instrument :
 BNA_G
 ClientSampleId :

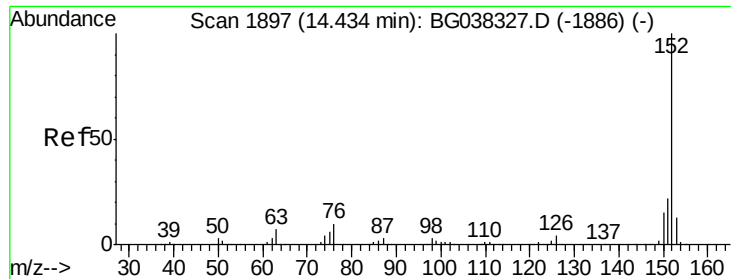
Tot Ion:162 Resp: 194812
 Ion Ratio Lower Upper
 162 100
 127 37.3 30.5 45.7
 164 32.9 26.4 39.6



#48
 2-Nitroaniline
 Concen: 44.064 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion: 65 Resp: 72004
 Ion Ratio Lower Upper
 65 100
 92 64.1 53.2 79.8
 138 98.2 79.3 118.9





#49

Acenaphthylene

Concen: 45.775 ng

RT: 14.44 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

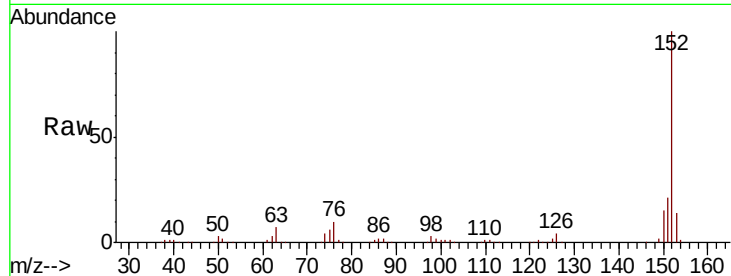
Instrument :

BNA_G

ClientSampled :

Tot Ion:152 Resp: 335791

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7
153	13.5	11.1	16.7

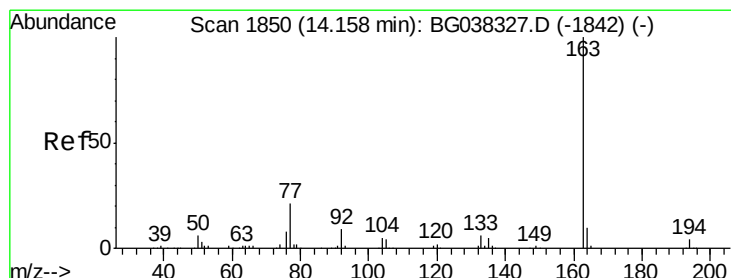
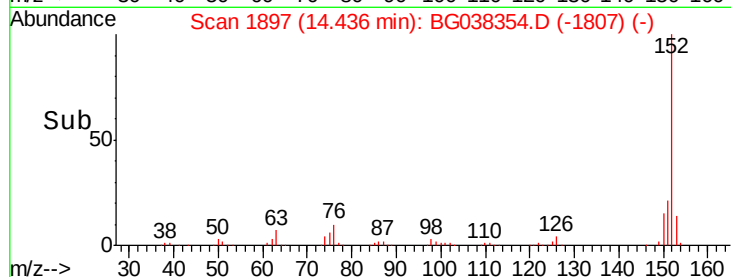
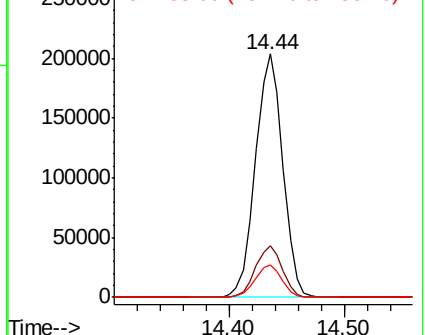


Abundance

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: 45.705 ng

RT: 14.16 min Scan# 1850

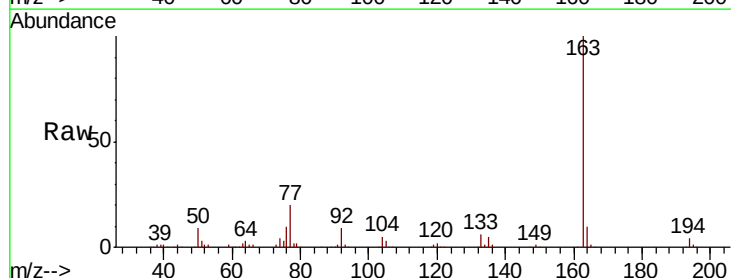
Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:163 Resp: 279937

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.2	8.5	12.7

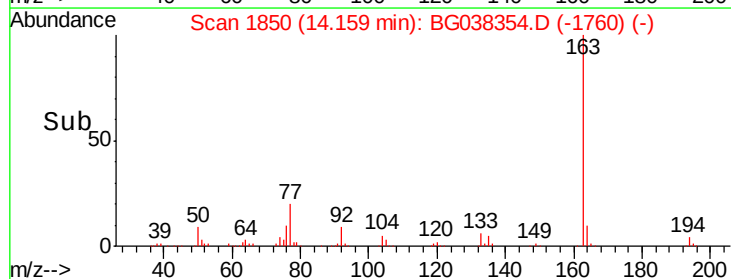
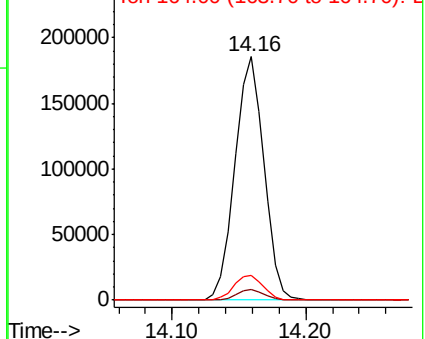


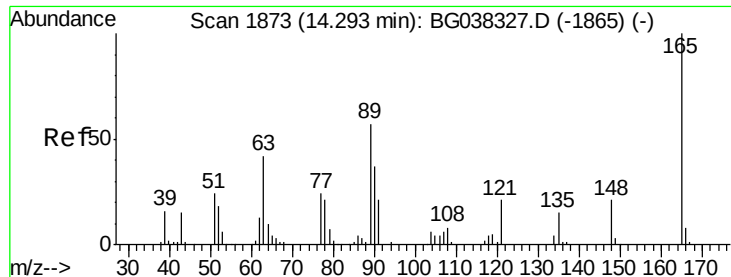
Abundance

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

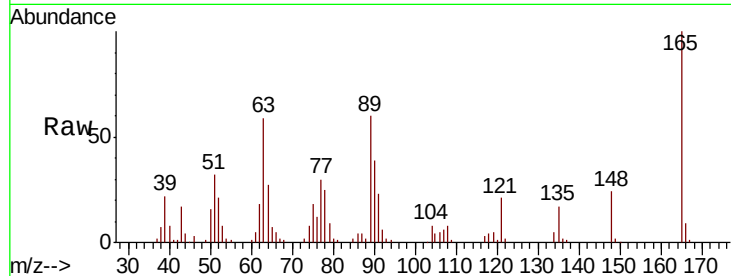




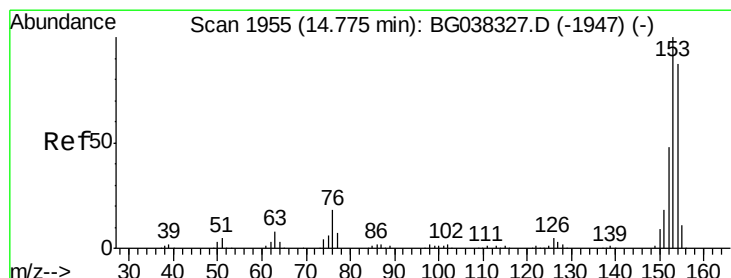
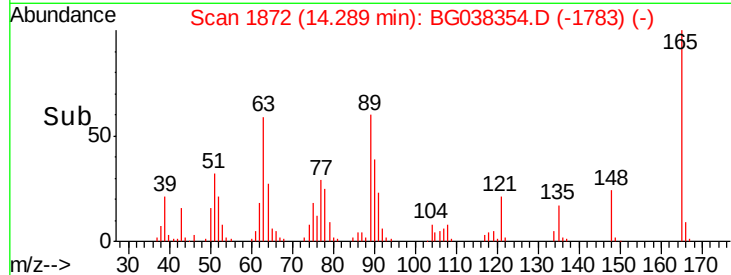
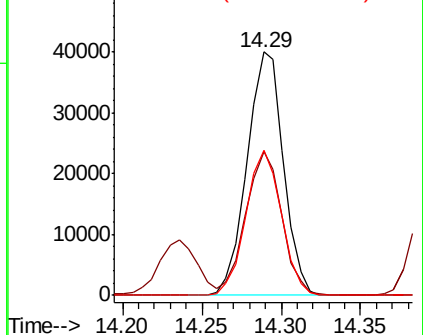
#51
 2,6-Dinitrotoluene
 Concen: 45.618 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 63824
 Ion Ratio Lower Upper
 165 100
 63 58.8 43.4 65.2
 89 59.6 45.8 68.6

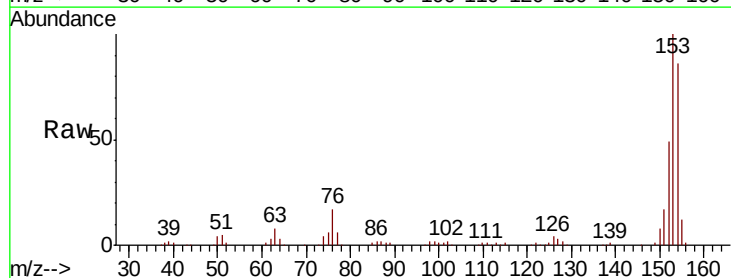


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

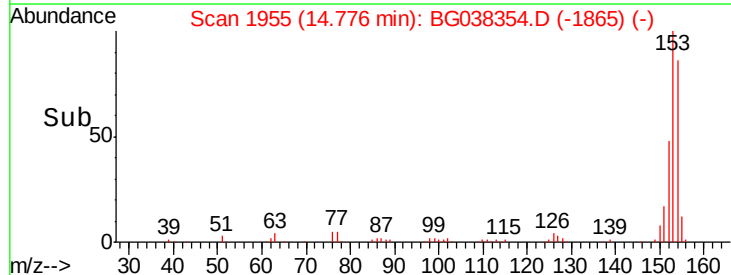
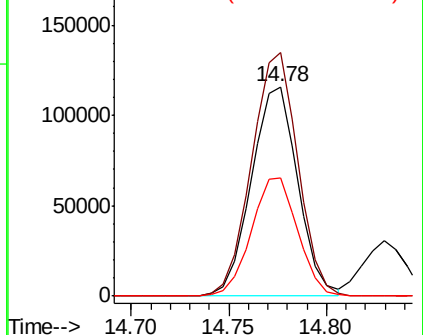


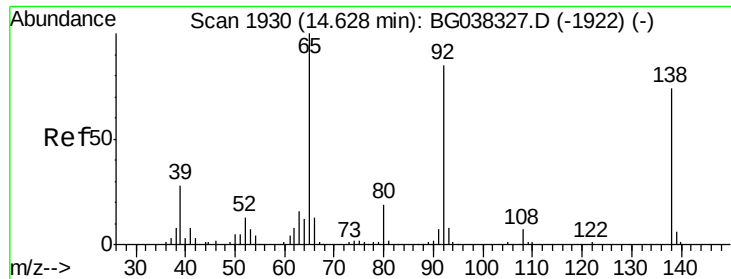
#52
 Acenaphthene
 Concen: 42.531 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:154 Resp: 190200
 Ion Ratio Lower Upper
 154 100
 153 116.3 93.4 140.0
 152 56.7 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: 12.015 ng

RT: 14.63 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

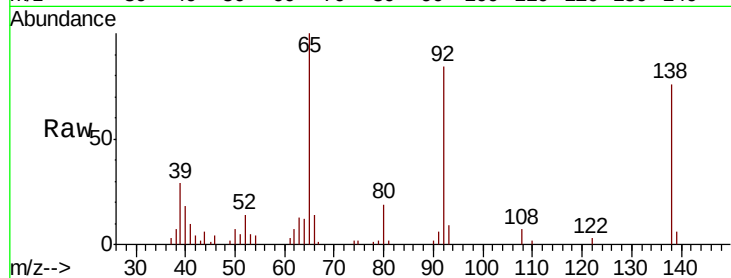
Tot Ion:138 Resp: 18104

Ion Ratio Lower Upper

138 100

108 9.3 11.0 16.6#

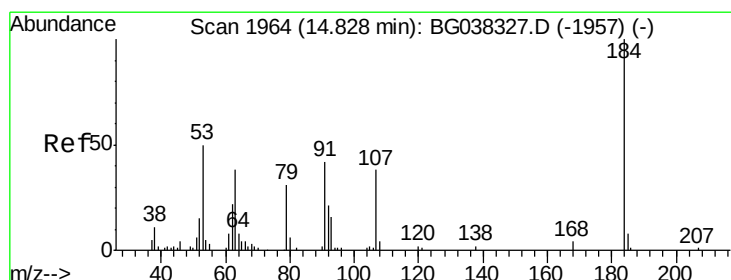
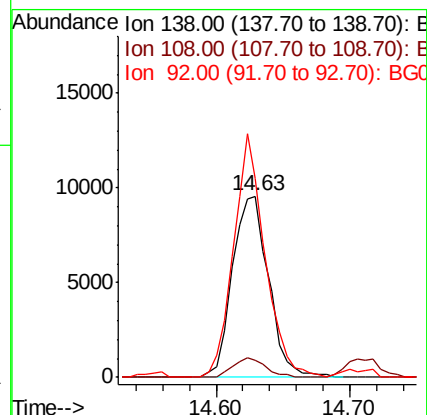
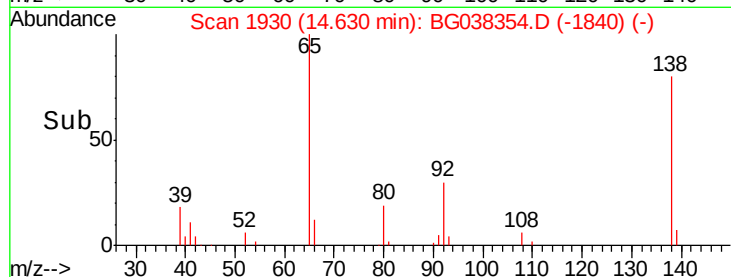
92 109.8 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 102.289 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

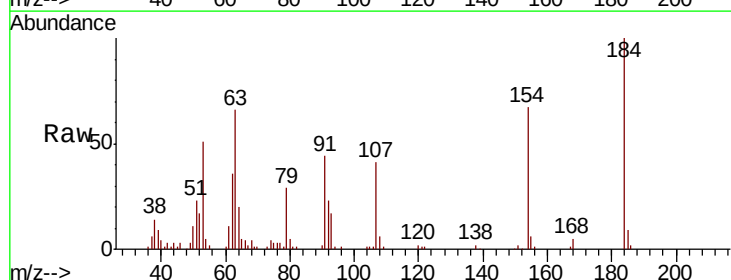
Tgt Ion:184 Resp: 78450

Ion Ratio Lower Upper

184 100

63 66.1 42.6 63.8#

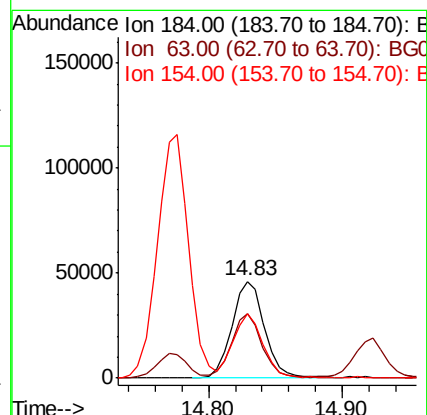
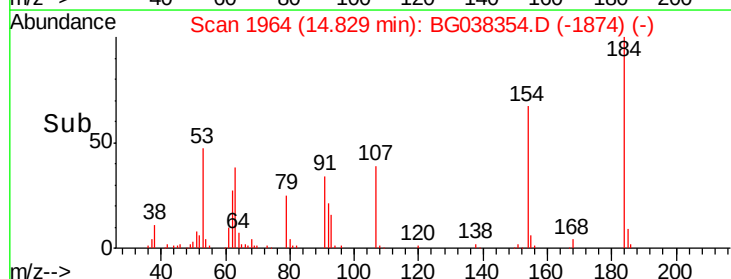
154 66.6 41.8 62.6#

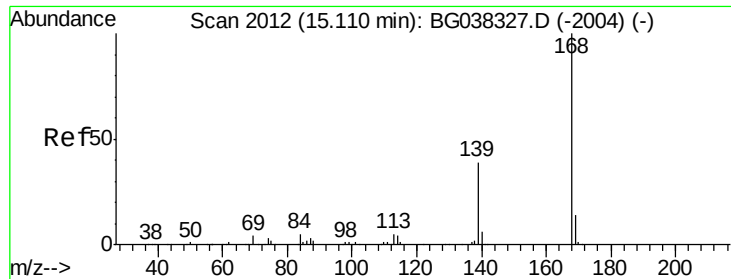


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

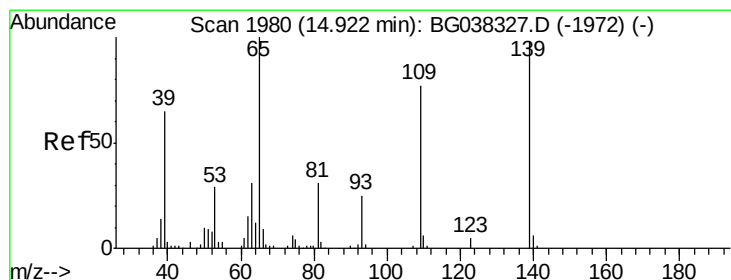
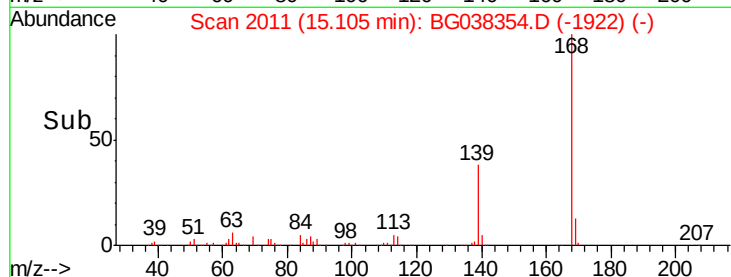
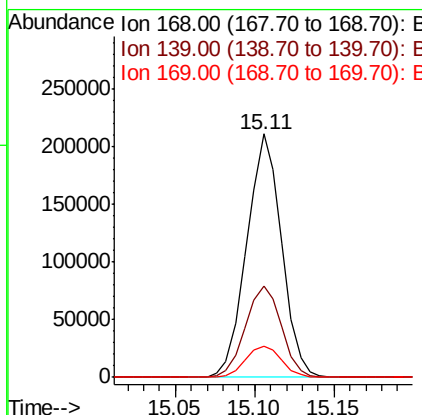
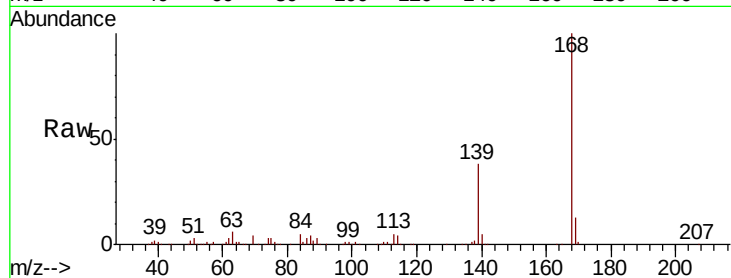




#55
Dibenzenofuran
Concen: 43.396 ng
RT: 15.11 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

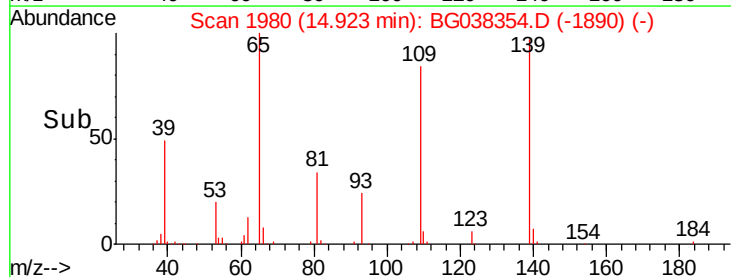
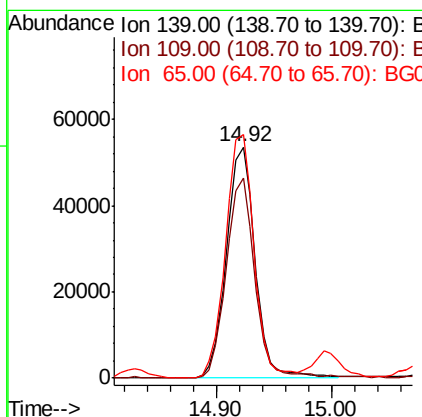
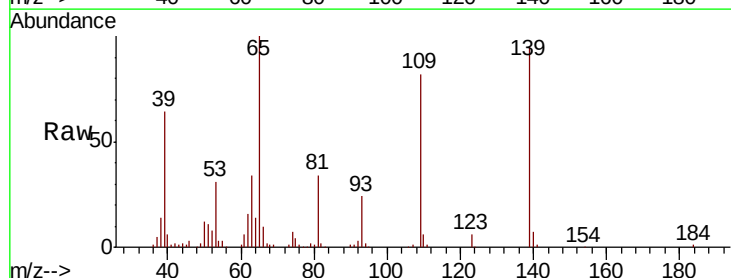
Instrument :
BNA_G
ClientSampled :

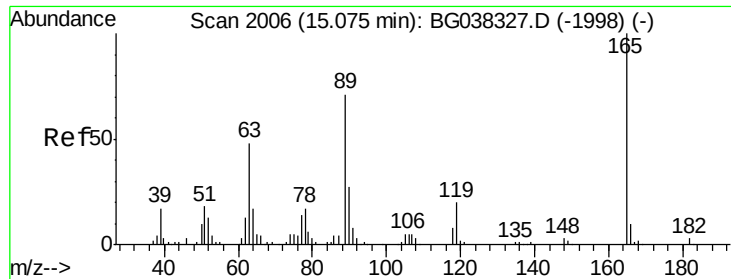
Tot Ion:168 Resp: 320838
Ion Ratio Lower Upper
168 100
139 37.6 29.4 44.0
169 12.9 11.0 16.6



#56
4-Nitrophenol
Concen: 77.501 ng
RT: 14.92 min Scan# 1980
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion:139 Resp: 92249
Ion Ratio Lower Upper
139 100
109 86.3 49.5 89.5
65 105.2 76.8 116.8

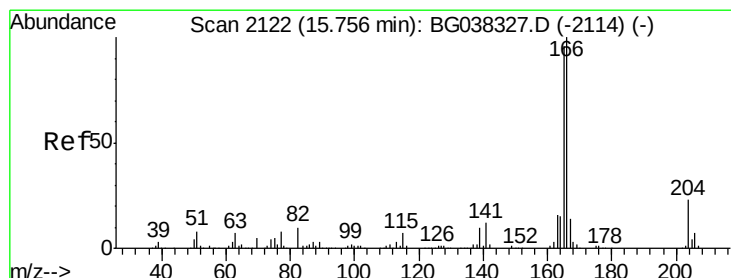
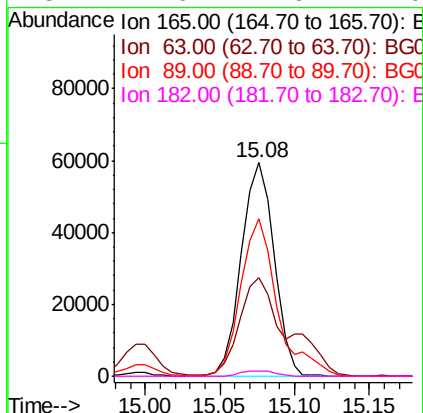
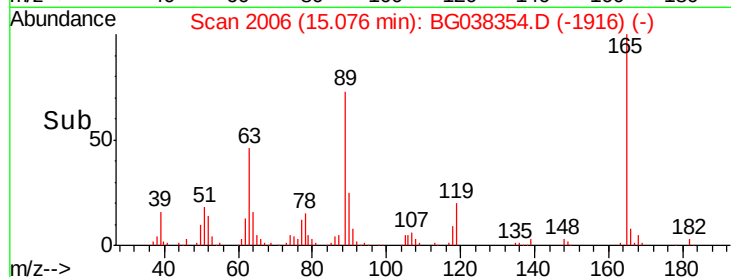
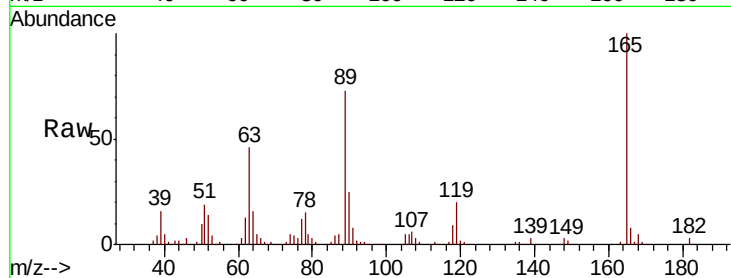




#57
2,4-Dinitrotoluene
Concen: 47.033 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

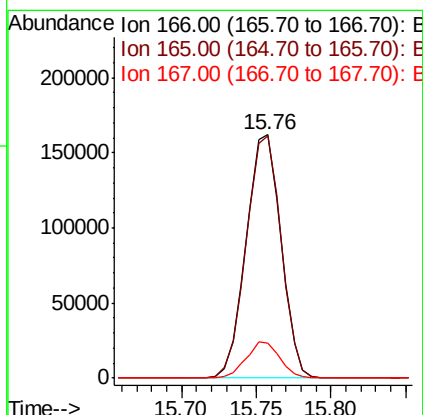
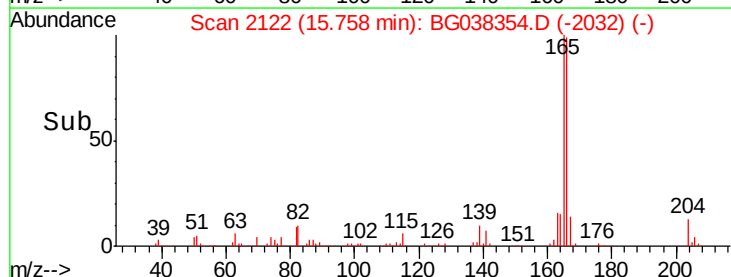
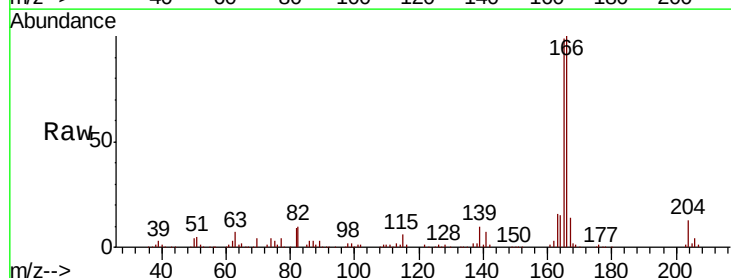
Instrument :
BNA_G
ClientSampleId :

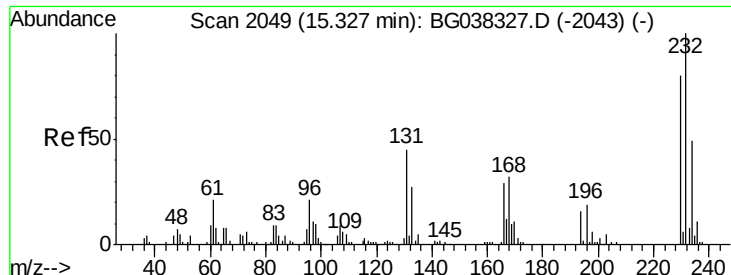
Tot Ion	Ratio	Lower	Upper
165	100		
63	46.0	33.4	50.0
89	73.5	57.2	85.8
182	2.6	2.6	4.0



#58
Fluorene
Concen: 47.971 ng
RT: 15.76 min Scan# 2122
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.4	79.0	118.6
167	14.3	11.3	16.9

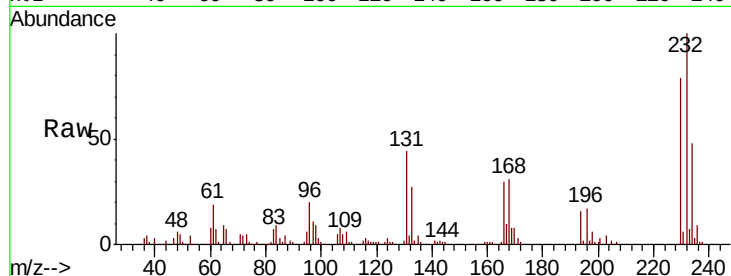




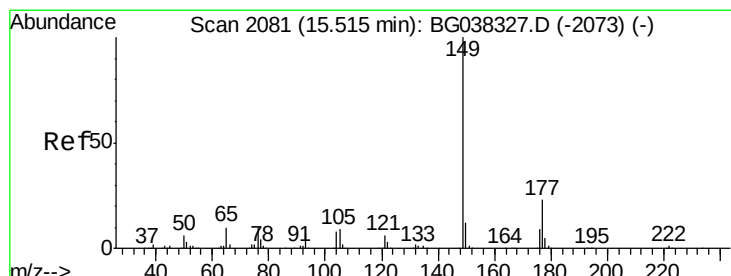
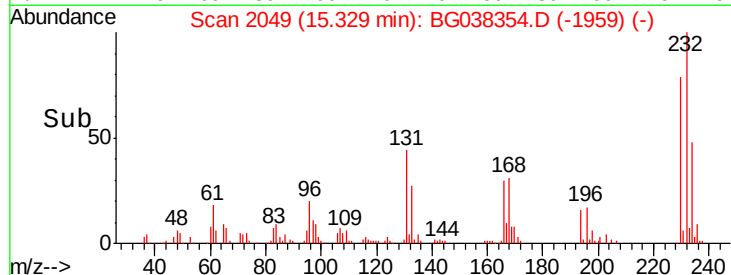
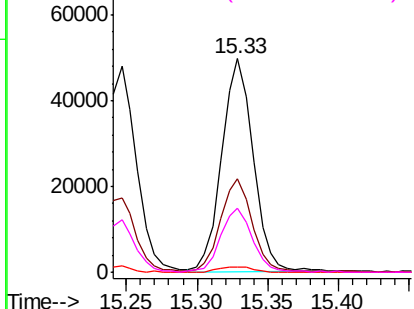
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 49.337 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 77266
 Ion Ratio Lower Upper
 232 100
 131 42.8 33.7 50.5
 130 2.6 2.1 3.1
 166 30.1 24.6 36.8

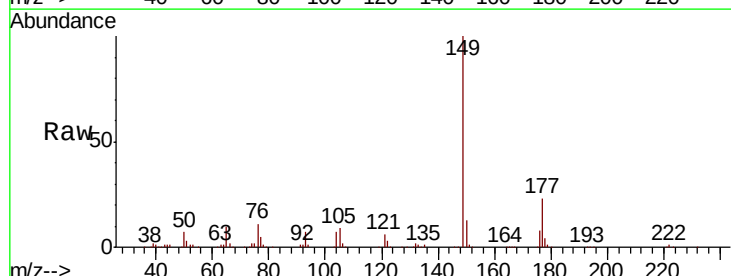


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

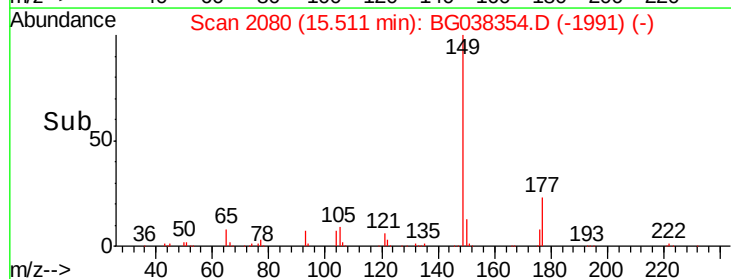
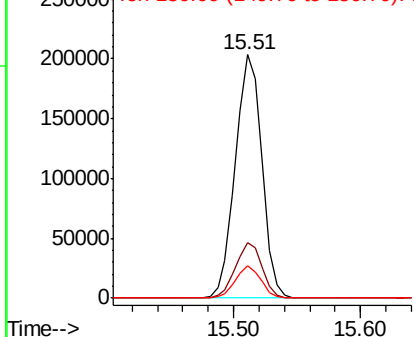


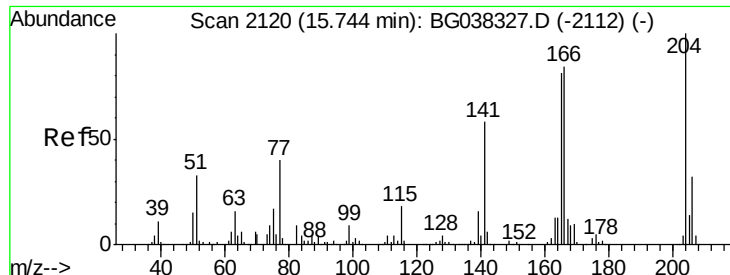
#60
 Diethylphthalate
 Concen: 43.152 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:149 Resp: 292813
 Ion Ratio Lower Upper
 149 100
 177 22.7 18.3 27.5
 150 13.2 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

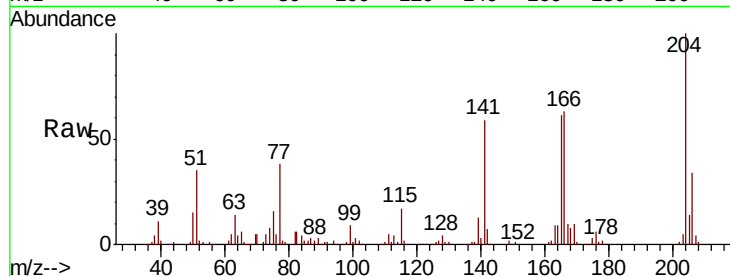




#61
4-Chlorophenyl-phenylether
Concen: 43.139 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.6	39.8
141	59.1	45.4	68.2

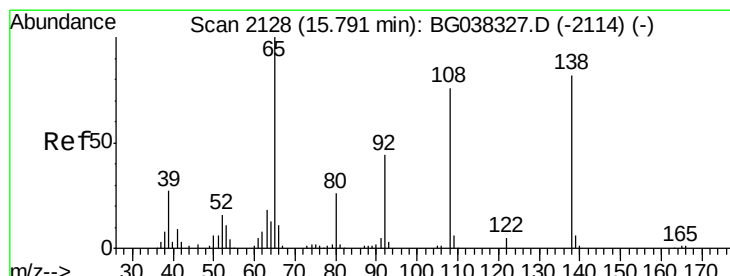
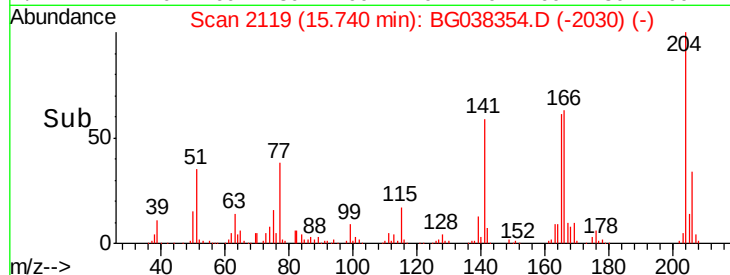
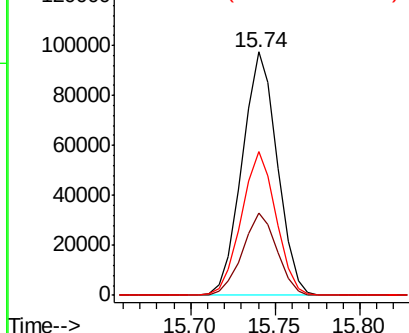


Abundance

Ion 204.00 (203.70 to 204.70): E

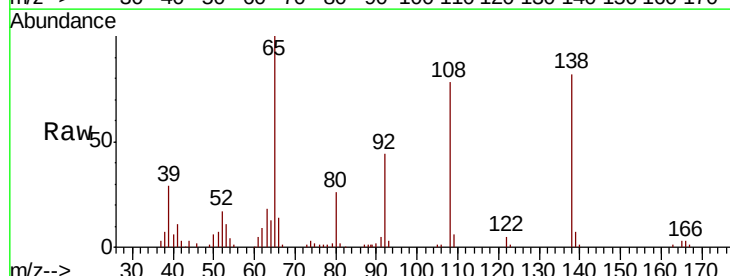
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.631 ng
RT: 15.79 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	36.4	76.4
108	94.4	60.1	100.1

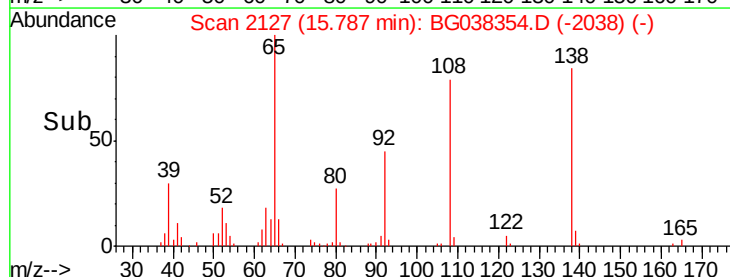
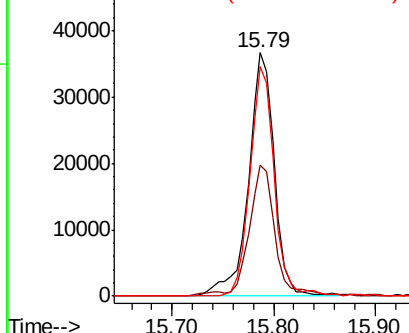


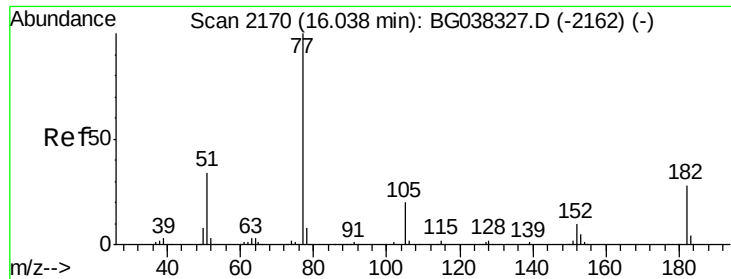
Abundance

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

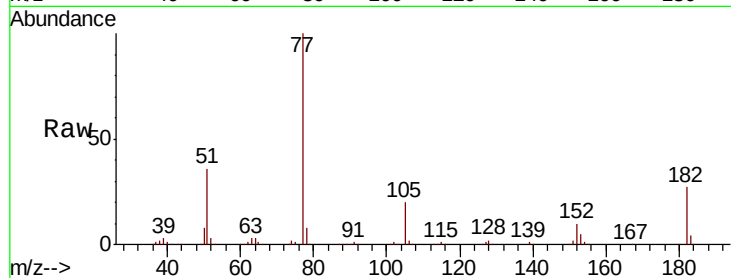




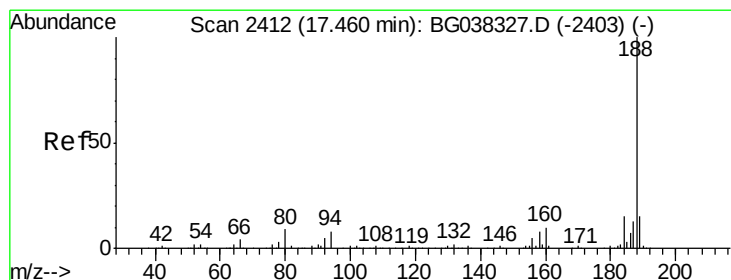
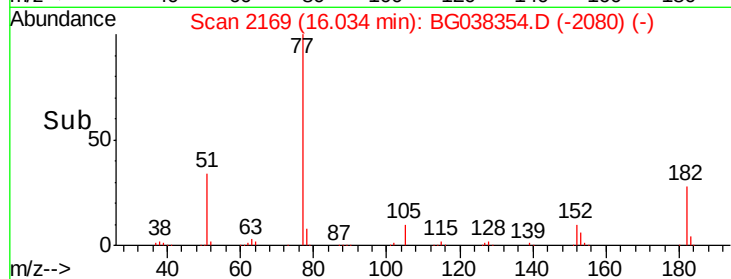
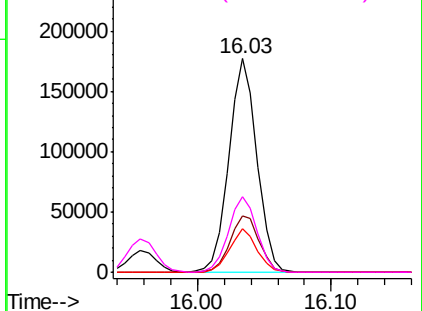
#63
Azobenzene
Concen: 43.529 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampled :

Tot Ion: 77 Resp: 258499
Ion Ratio Lower Upper
77 100
182 26.6 8.0 48.0
105 20.1 1.3 41.3
51 35.6 10.7 50.7

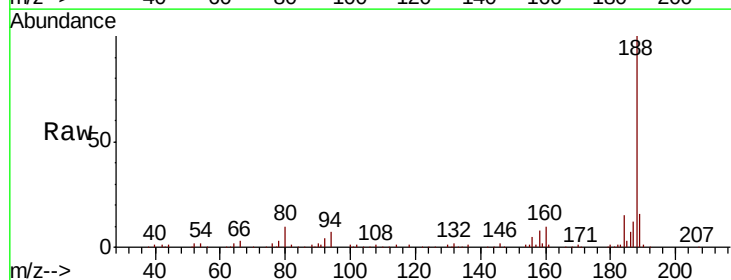


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

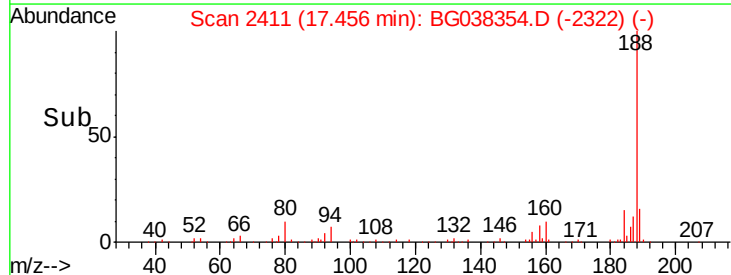
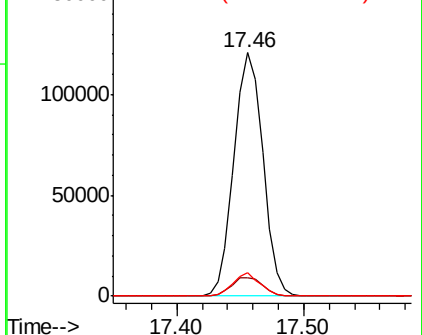


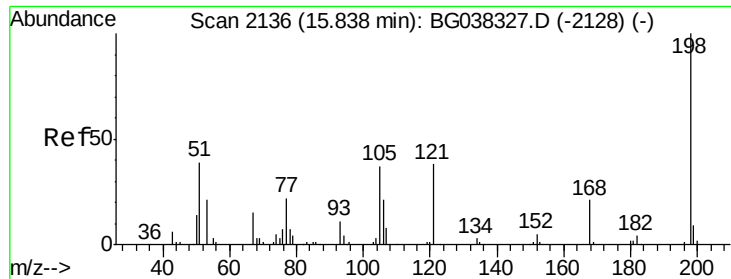
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.46 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion: 188 Resp: 191233
Ion Ratio Lower Upper
188 100
94 7.3 7.2 10.8
80 9.7 7.7 11.5



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

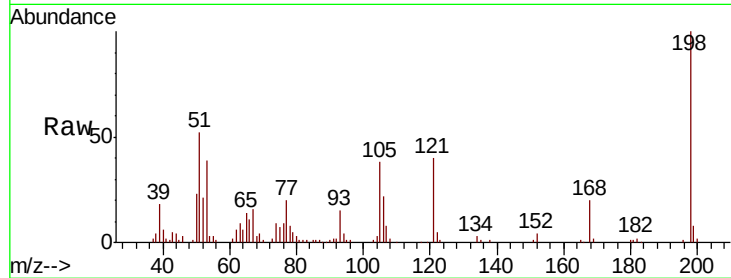




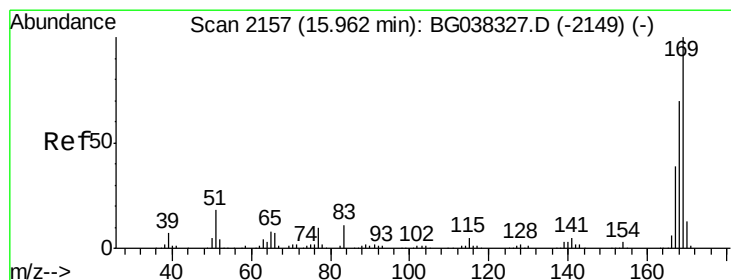
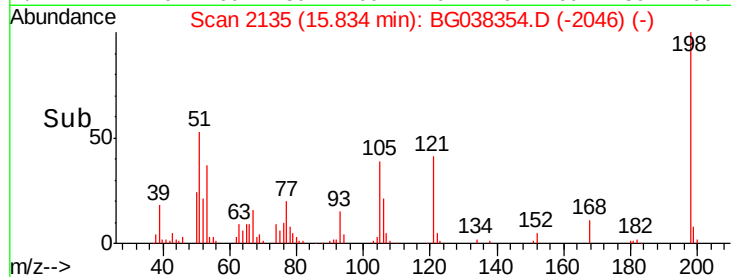
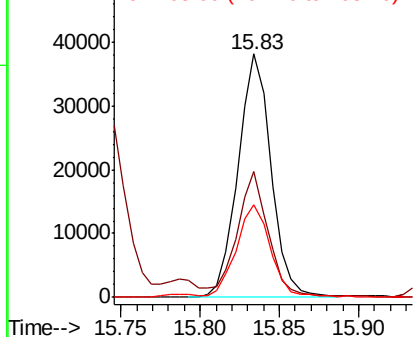
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.134 ng
 RT: 15.83 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 55299
 Ion Ratio Lower Upper
 198 100
 51 51.9 22.7 62.7
 105 37.8 19.7 59.7

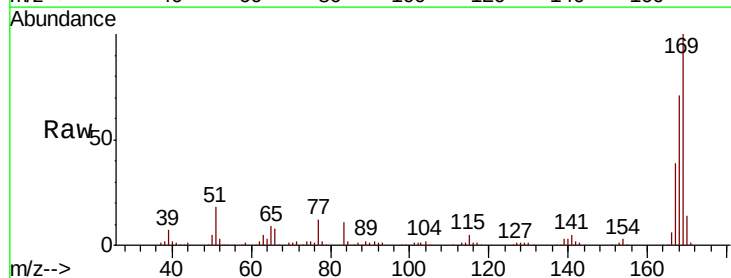


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

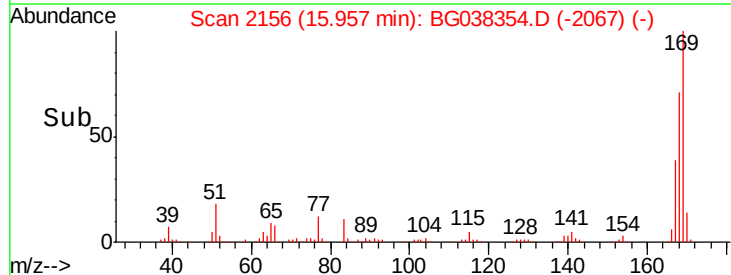
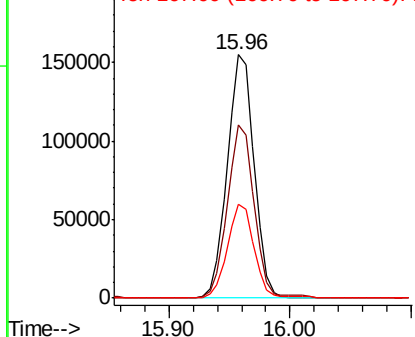


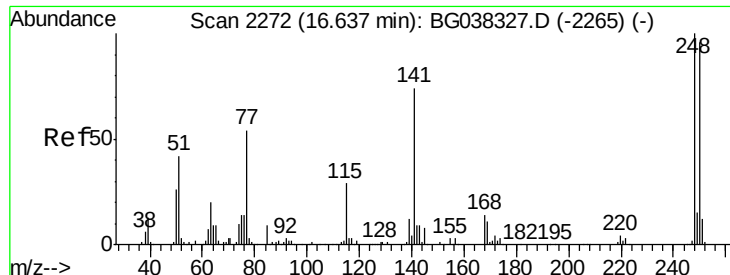
#66
 n-Nitrosodiphenylamine
 Concen: 44.442 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:169 Resp: 238987
 Ion Ratio Lower Upper
 169 100
 168 71.1 55.7 83.5
 167 38.8 31.3 46.9



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

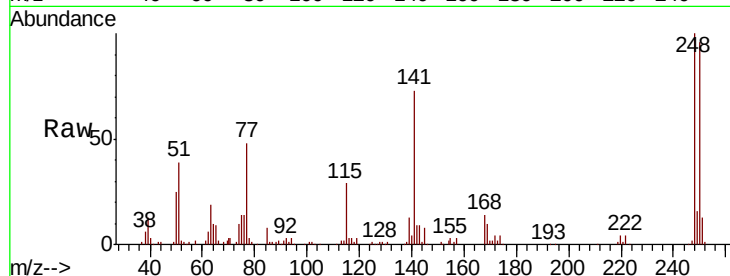




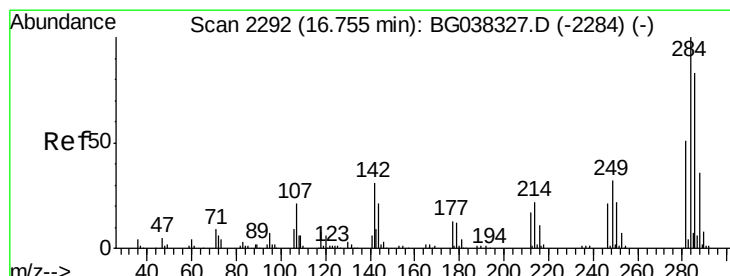
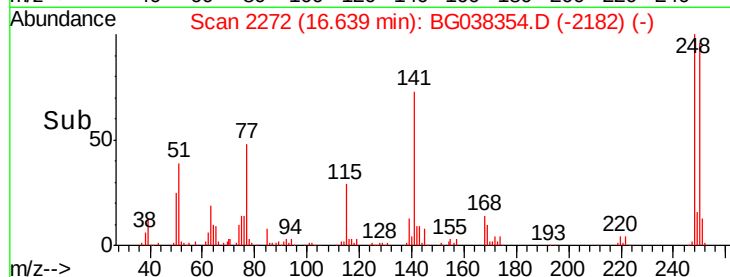
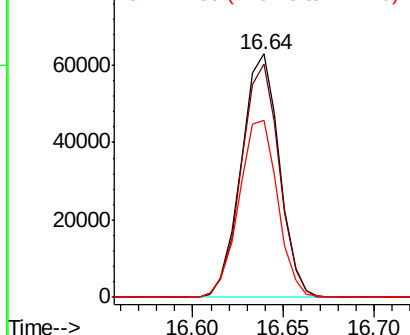
#67
 4-Bromophenyl-phenylether
 Concen: 44.535 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 91969
 Ion Ratio Lower Upper
 248 100
 250 95.8 77.0 115.6
 141 72.8 55.5 83.3

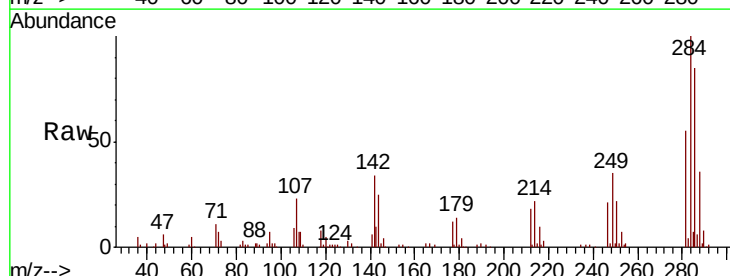


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

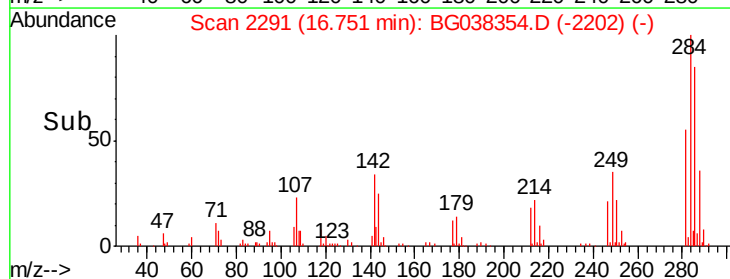
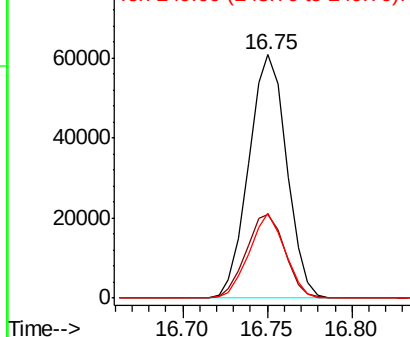


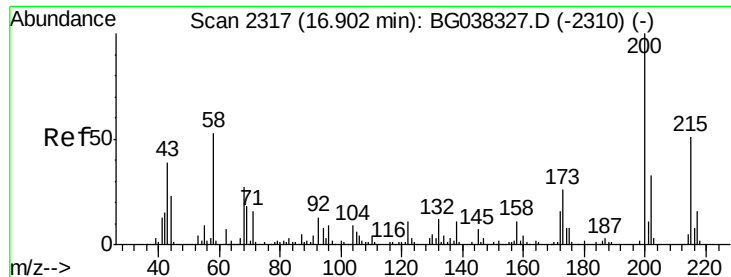
#68
 Hexachlorobenzene
 Concen: 44.530 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:284 Resp: 94853
 Ion Ratio Lower Upper
 284 100
 142 34.2 28.1 42.1
 249 37.1 29.8 44.8



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





#69

Atrazine

Concen: 48.246 ng

RT: 16.90 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

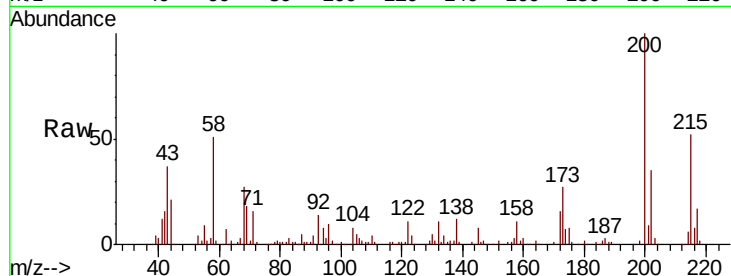
Tot Ion:200 Resp: 96811

Ion Ratio Lower Upper

200 100

173 27.0 6.1 46.1

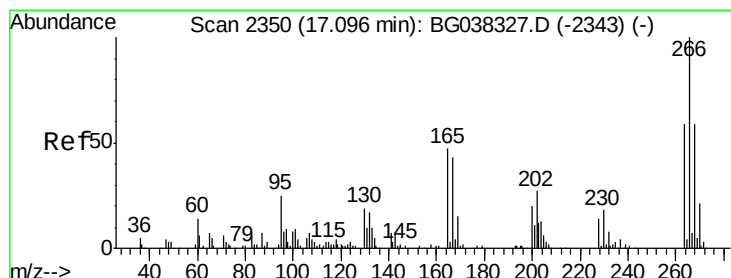
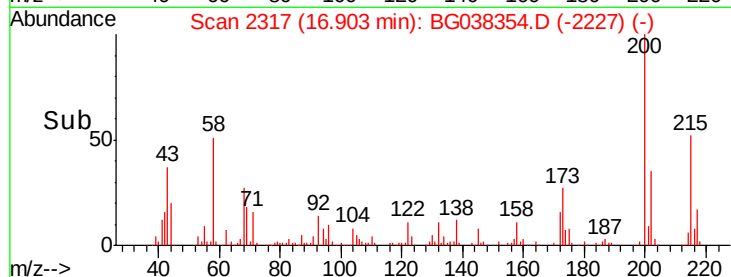
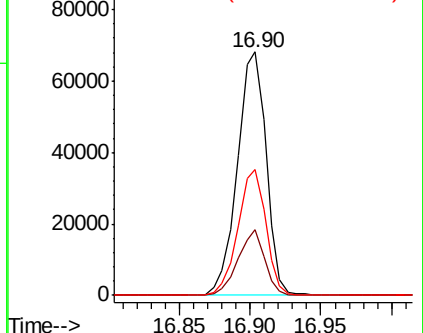
215 51.8 30.8 70.8



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: 79.319 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

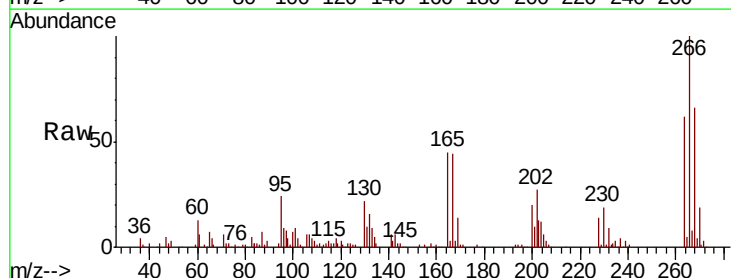
Tgt Ion:266 Resp: 115724

Ion Ratio Lower Upper

266 100

268 70.5 55.0 82.6

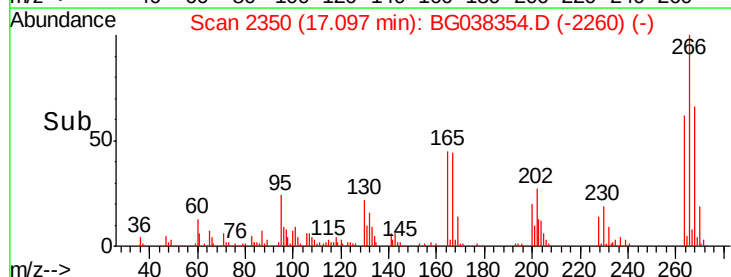
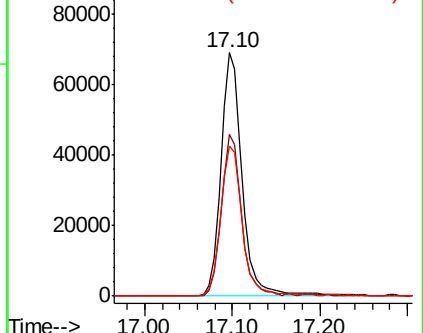
264 67.0 58.9 88.3

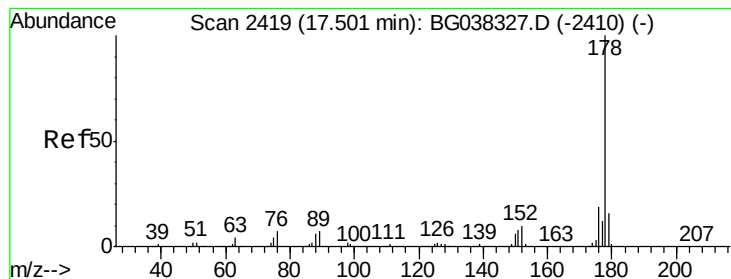


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.443 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

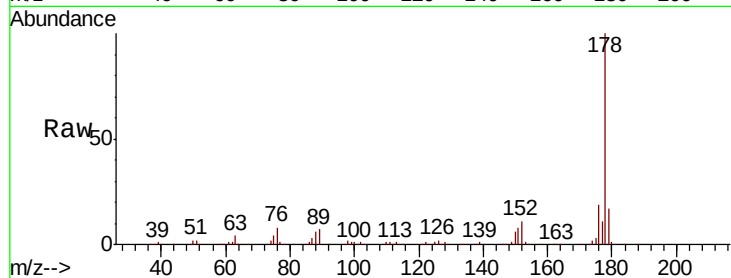
Tot Ion:178 Resp: 454351

Ion	Ratio	Lower	Upper
178	100		
176	19.1	16.1	24.1
179	16.6	13.0	19.4

178 100

176 19.1 16.1 24.1

179 16.6 13.0 19.4

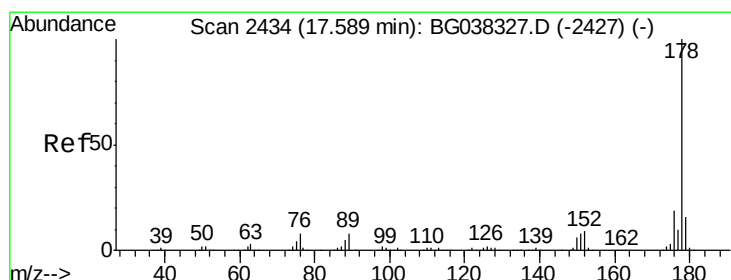
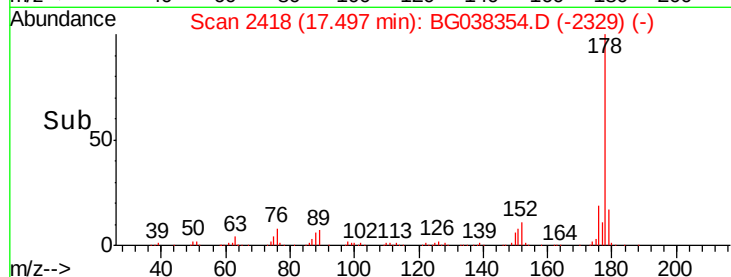
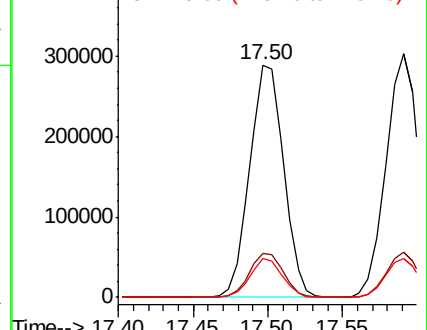


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 50.022 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

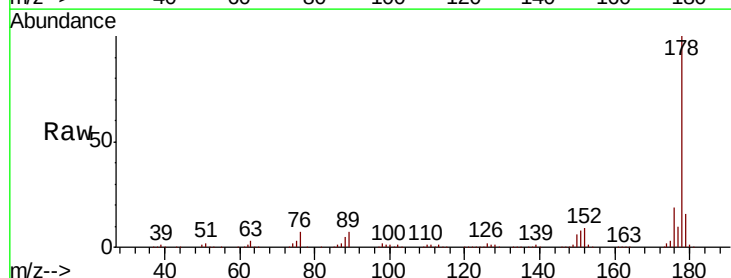
Tgt Ion:178 Resp: 463914

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.7	12.8	19.2

178 100

176 18.6 15.0 22.4

179 15.7 12.8 19.2

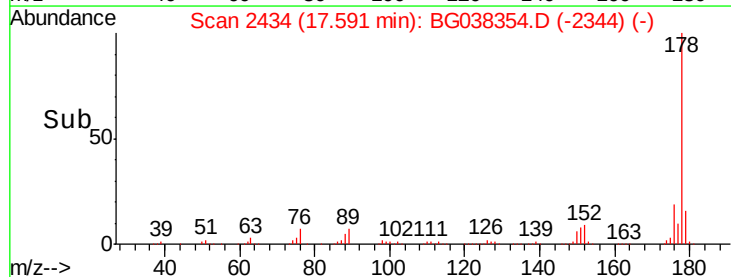
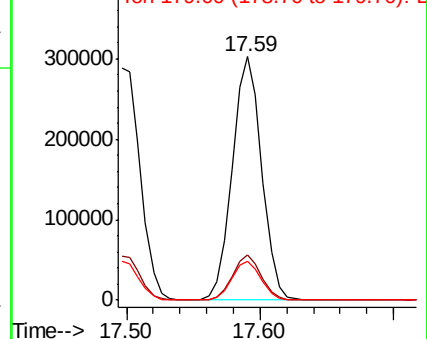


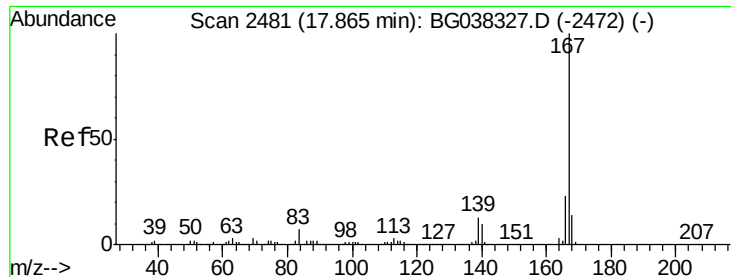
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 45.681 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

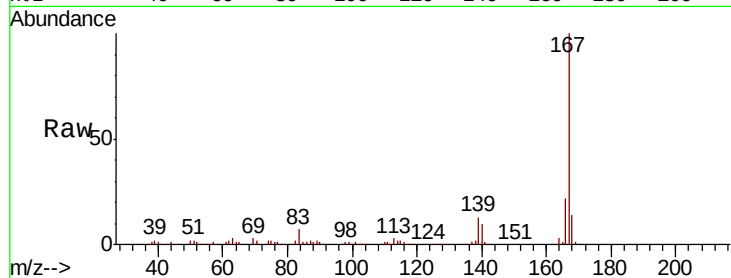
Tot Ion:167 Resp: 420484

Ion Ratio Lower Upper

167 100

166 22.4 18.3 27.5

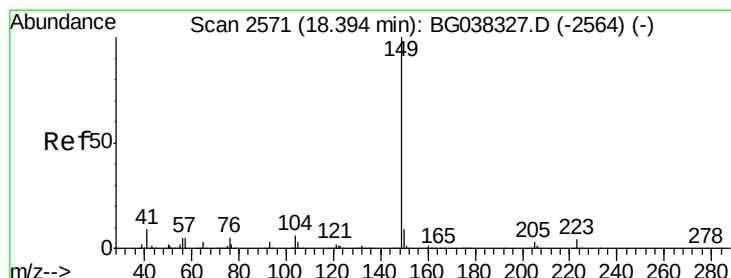
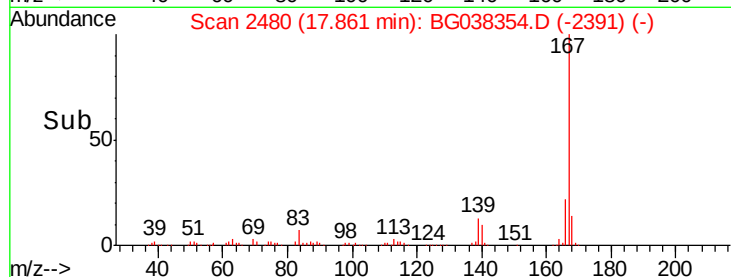
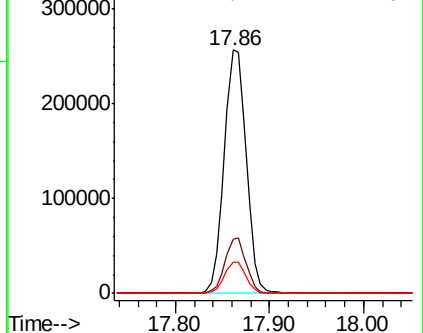
139 13.0 10.5 15.7



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: 47.130 ng

RT: 18.40 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

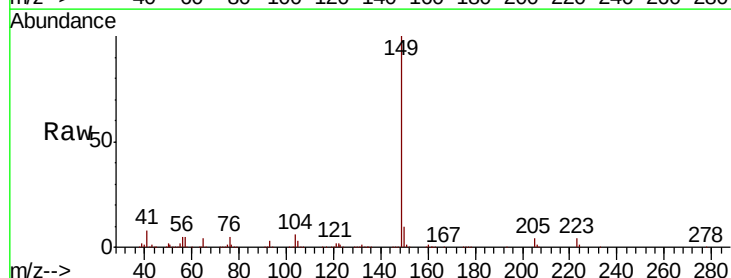
Tgt Ion:149 Resp: 506808

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

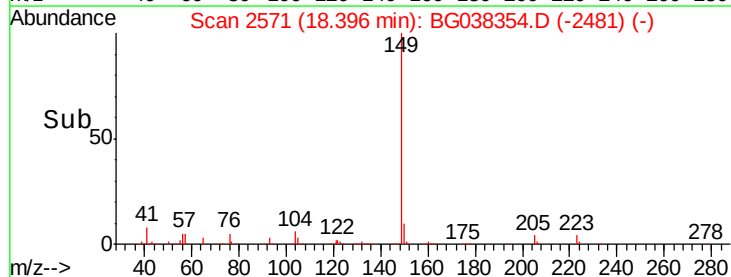
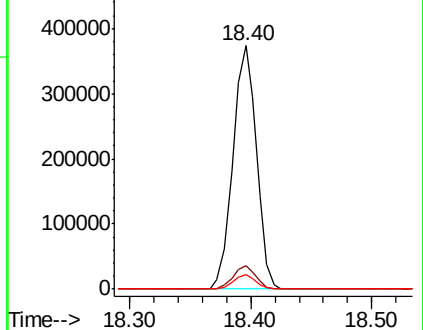
104 6.0 4.0 6.0#

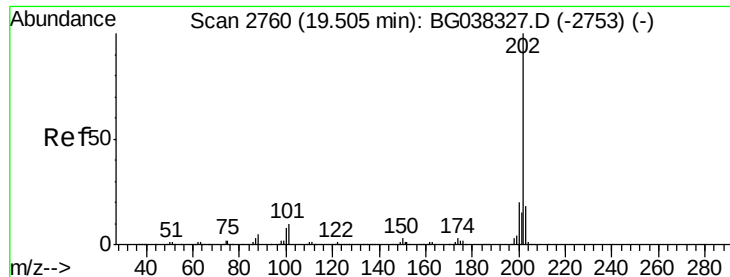


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 72.930 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038354.D

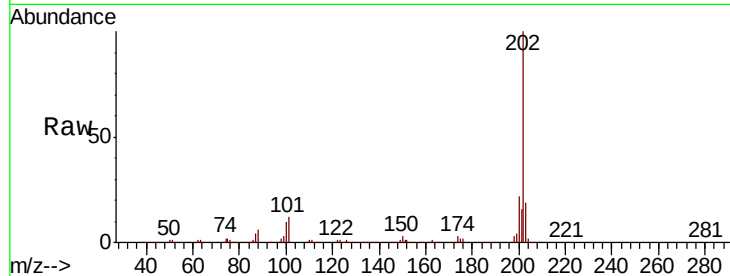
Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	202	Resp:	816014
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.7
203	18.9	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

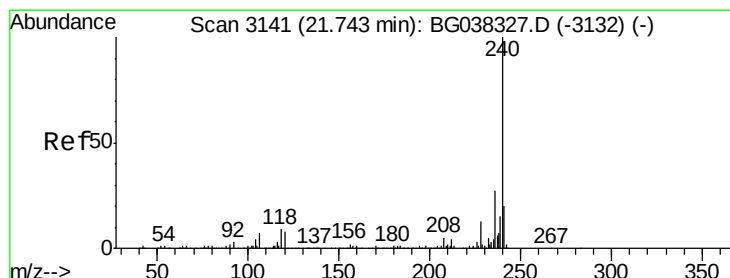
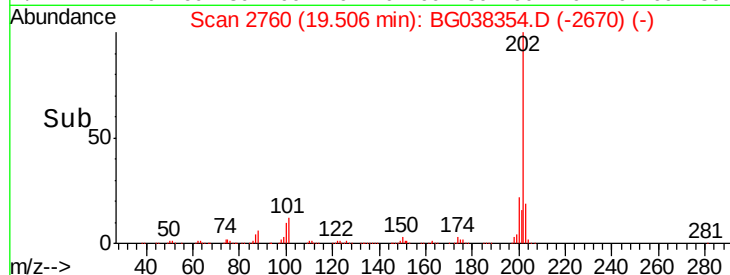
19.51

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

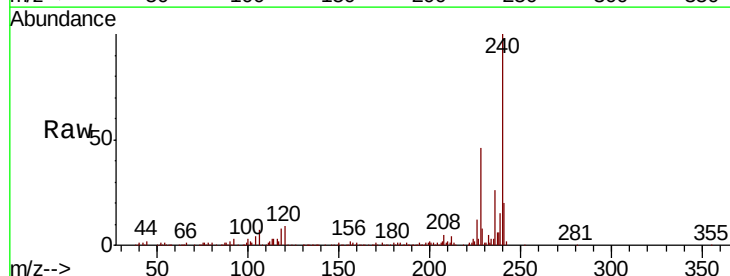
RT: 21.74 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Tgt Ion:	240	Resp:	177958
Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.1	12.1
236	26.5	21.4	32.0



Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.74

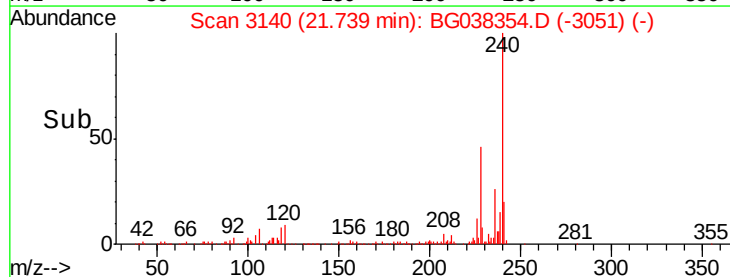
150000

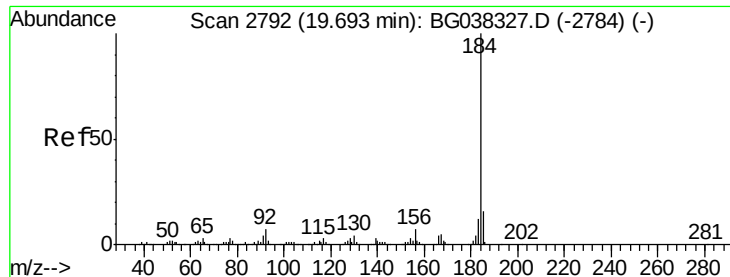
100000

50000

0

Time-->





#77

Benzidine

Concen: 16.373 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

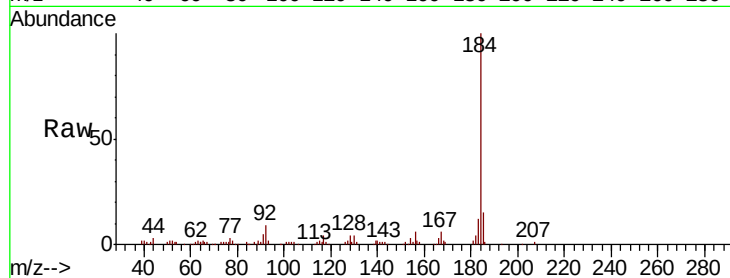
Tot Ion:184 Resp: 98324

Ion Ratio Lower Upper

184 100

185 15.2 12.6 18.8

183 11.7 10.2 15.2

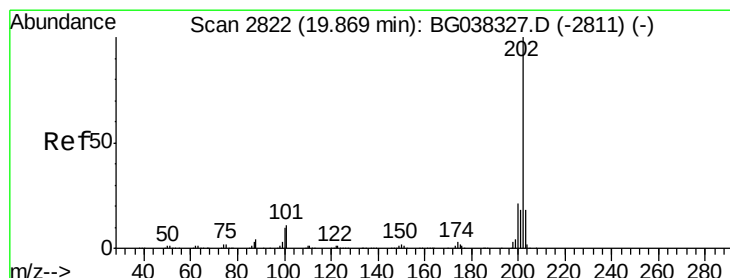
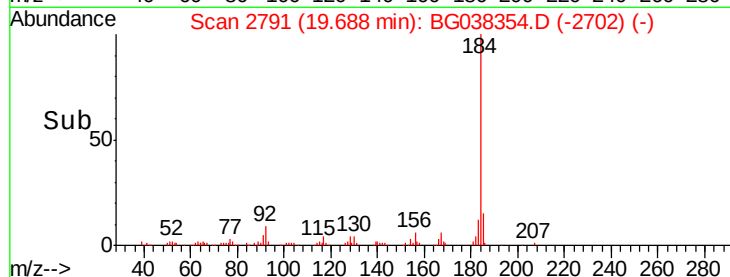
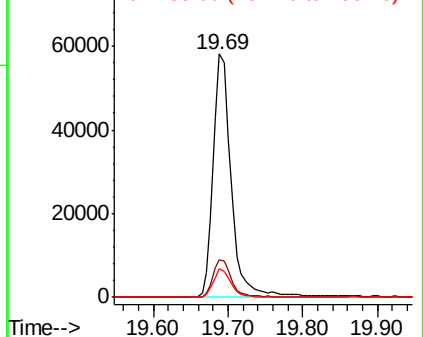


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 65.895 ng

RT: 19.87 min Scan# 2822

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

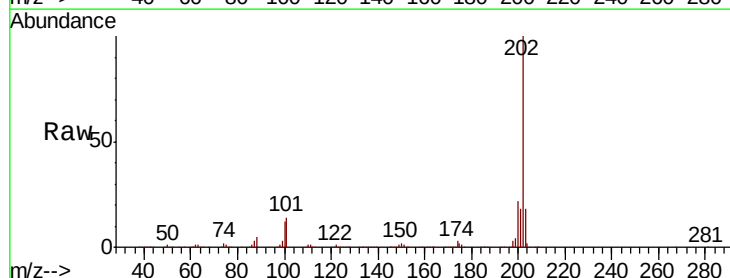
Tgt Ion:202 Resp: 820484

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

203 18.3 15.2 22.8

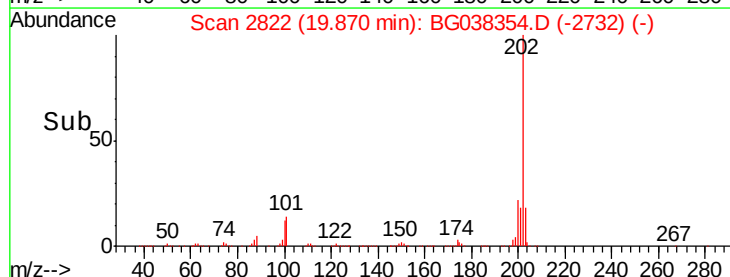
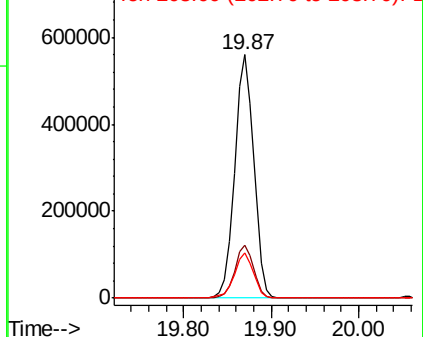


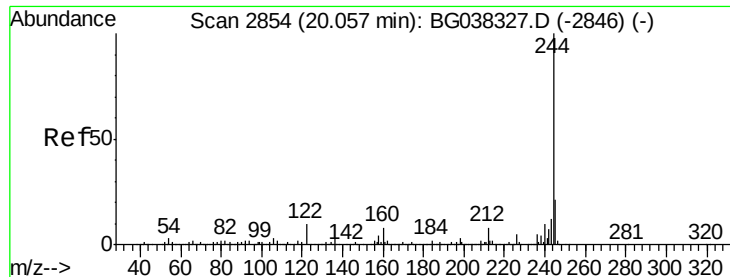
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 116.191 ng

RT: 20.06 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

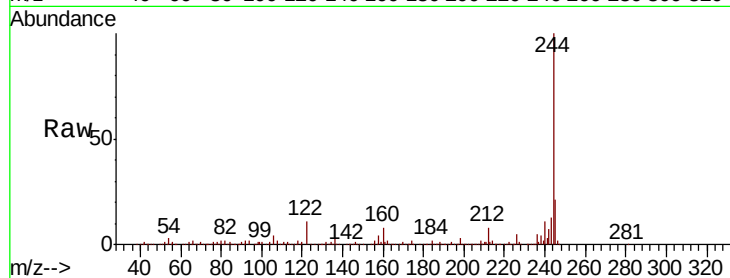
Tot Ion:244 Resp: 965202

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

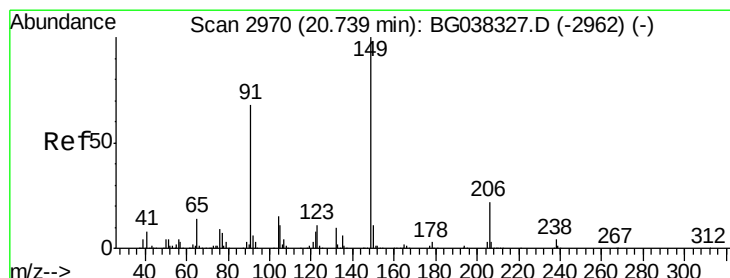
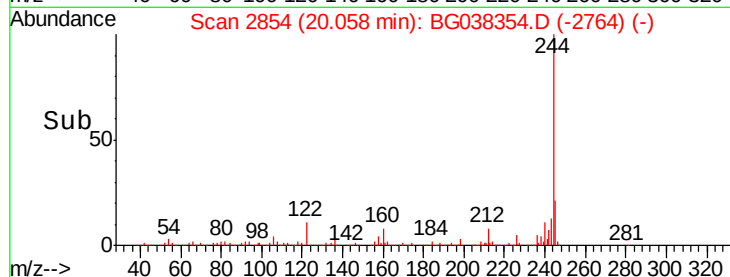
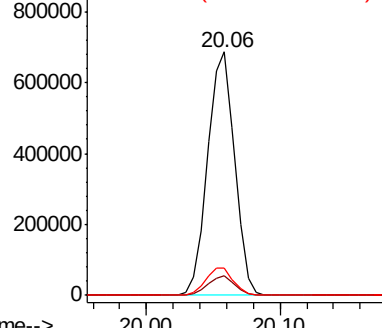
122 11.5 9.0 13.4



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: 68.595 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

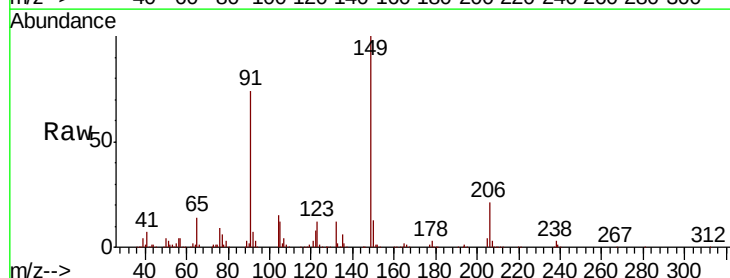
Tgt Ion:149 Resp: 343523

Ion Ratio Lower Upper

149 100

91 73.6 57.0 85.4

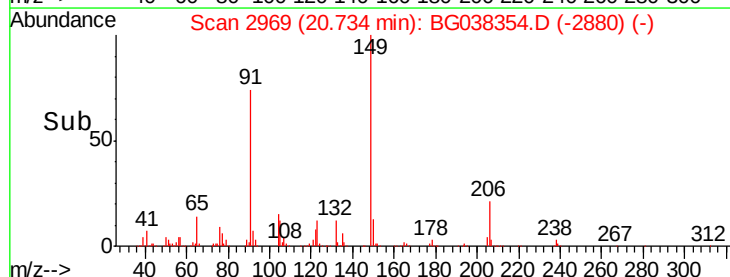
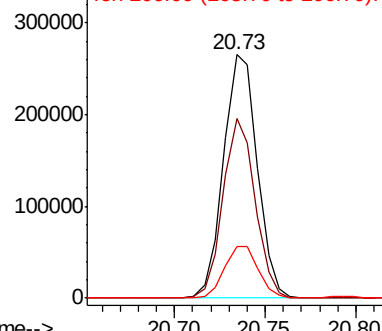
206 21.2 17.8 26.6

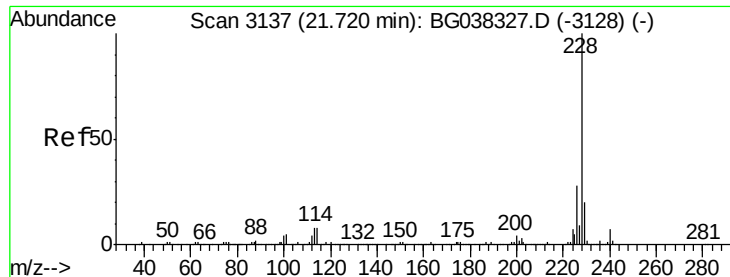


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.578 ng

RT: 21.72 min Scan# 3137

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampleId :

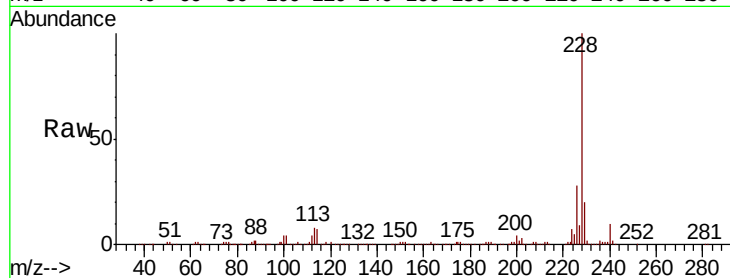
Tot Ion:228 Resp: 509444

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

229 20.4 16.3 24.5

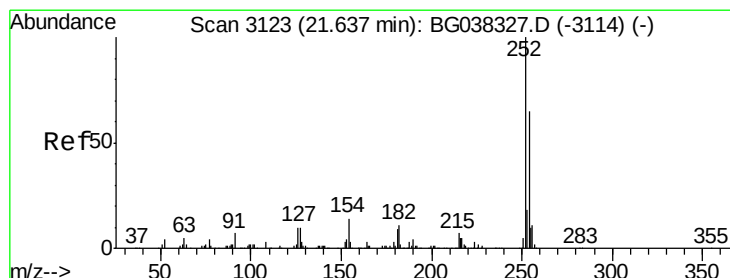
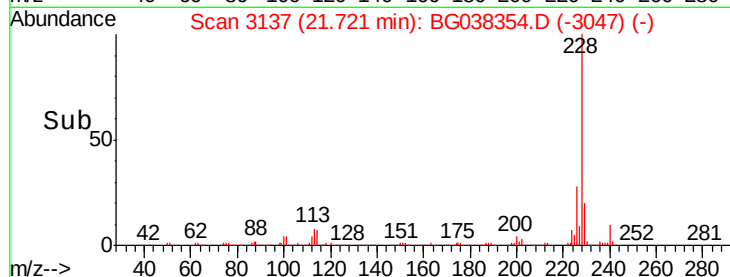
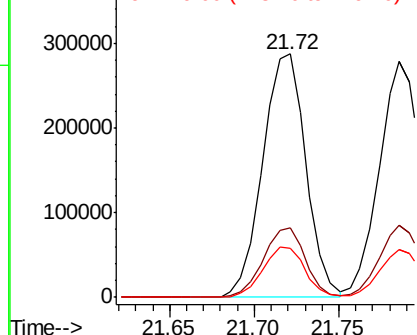


Abundance

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: 16.194 ng

RT: 21.63 min Scan# 3122

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

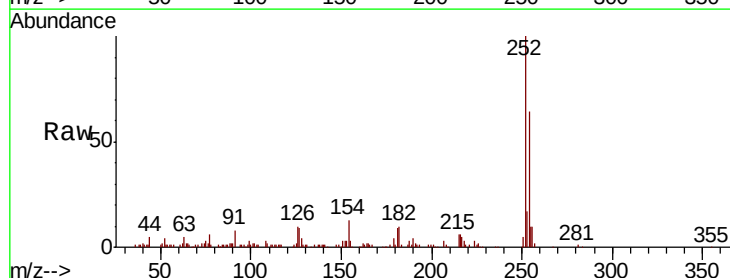
Tgt Ion:252 Resp: 68901

Ion Ratio Lower Upper

252 100

254 64.2 52.0 78.0

126 9.7 8.2 12.4

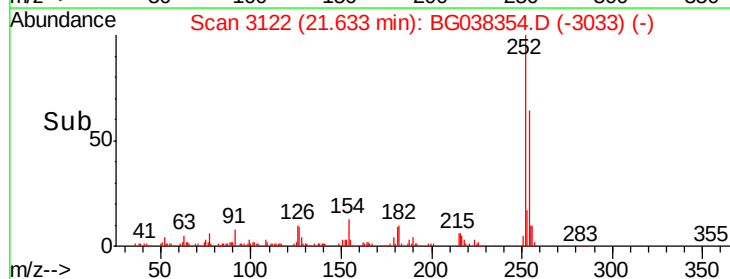
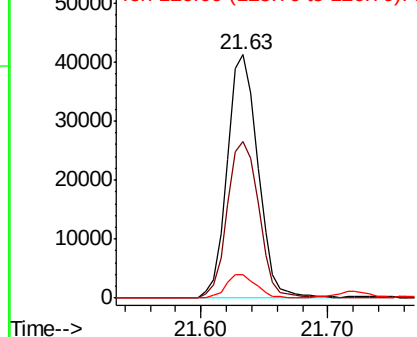


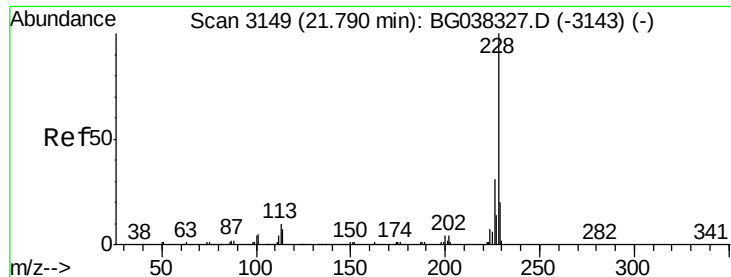
Abundance

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

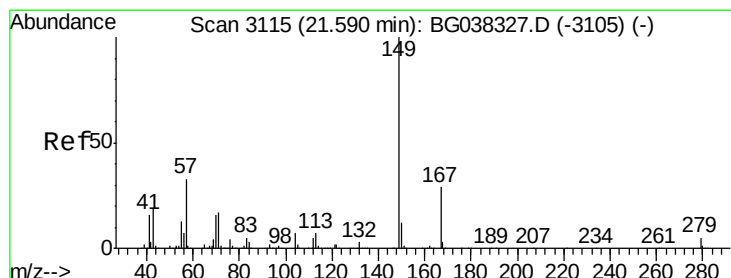
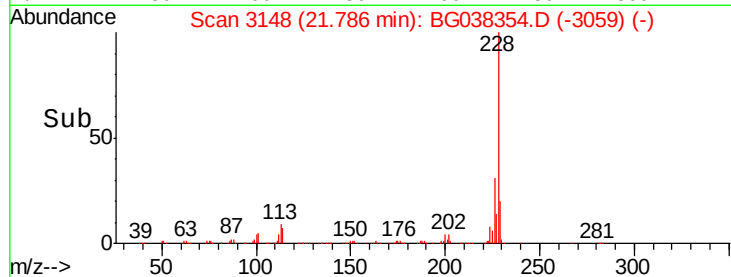
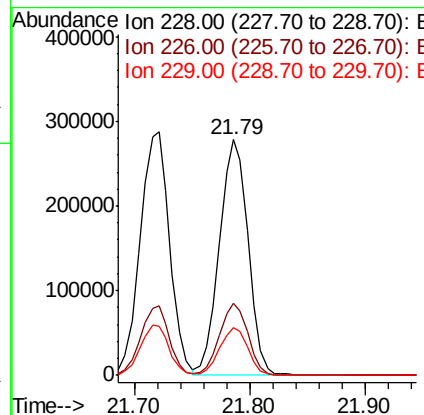
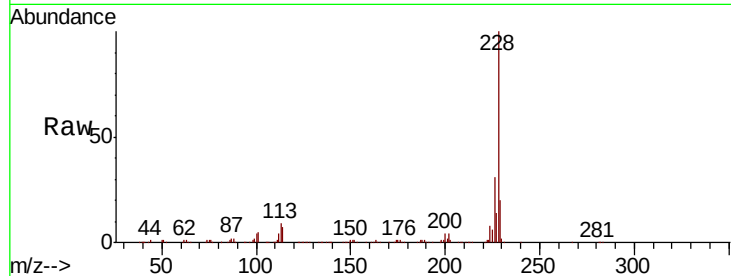




#83
 Chrysene
 Concen: 46.069 ng
 RT: 21.79 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

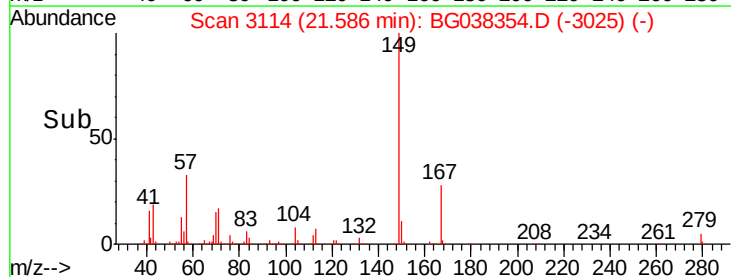
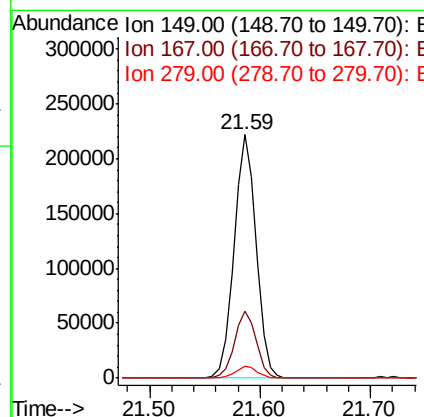
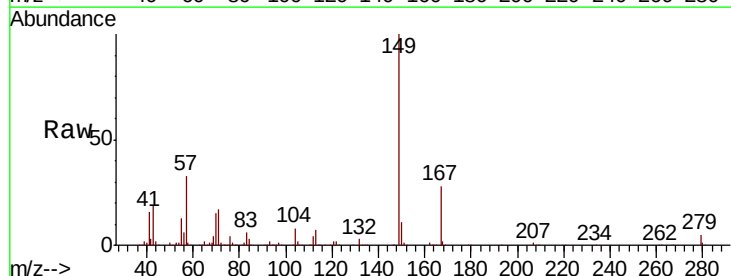
Instrument :
 BNA_G
 ClientSampleId :

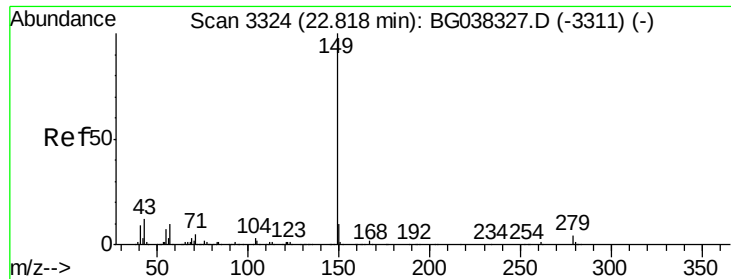
Tot Ion:228 Resp: 476820
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.7 38.5
 229 20.3 16.5 24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.718 ng
 RT: 21.59 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BG038354.D
 Acq: 5 Dec 2018 11:03

Tgt Ion:149 Resp: 310323
 Ion Ratio Lower Upper
 149 100
 167 27.6 23.0 34.4
 279 4.8 3.6 5.4

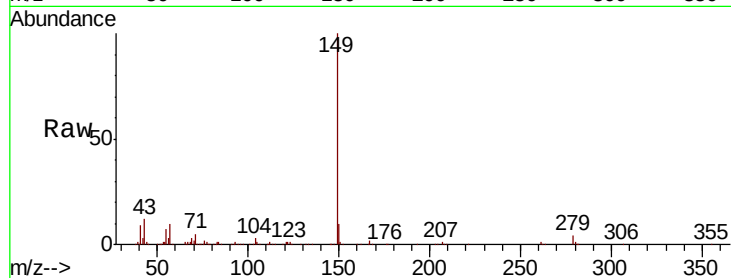




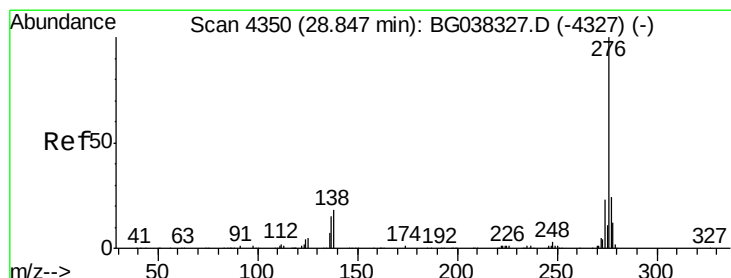
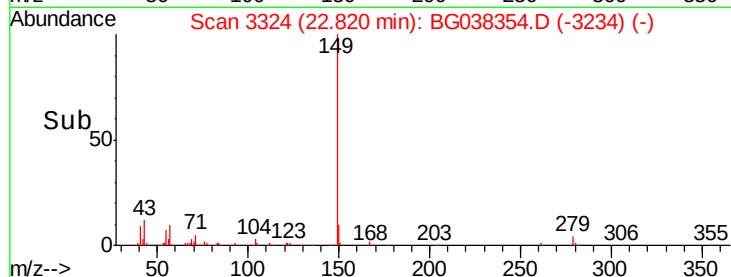
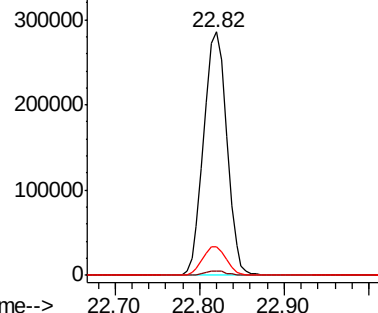
#85
Di-n-octyl phthalate
Concen: 44.253 ng
RT: 22.82 min Scan# 3324
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 538614
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.9 8.7 13.1

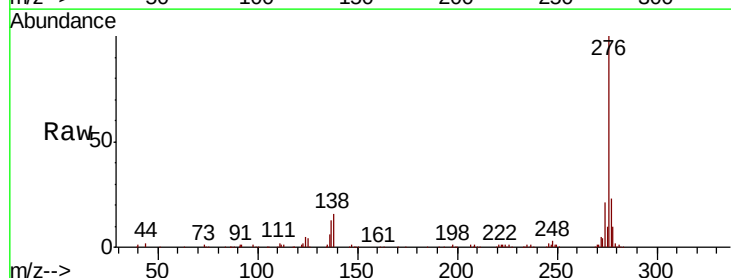


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

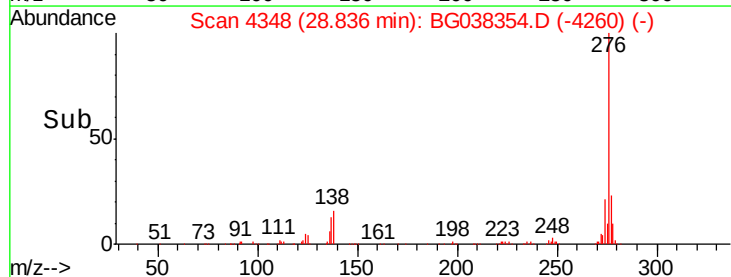
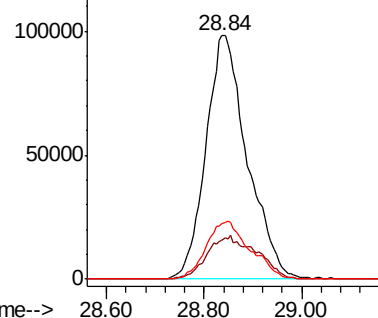


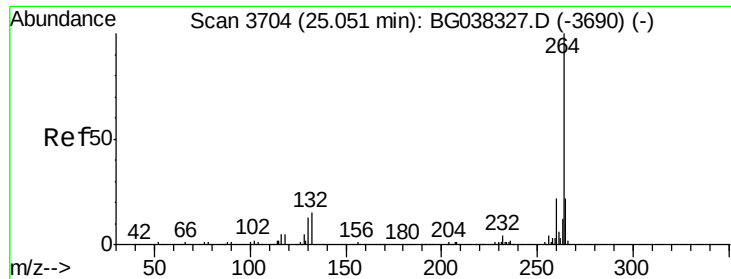
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.126 ng
RT: 28.84 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion:276 Resp: 577866
Ion Ratio Lower Upper
276 100
138 21.2 12.0 18.0#
277 25.2 20.6 30.8



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



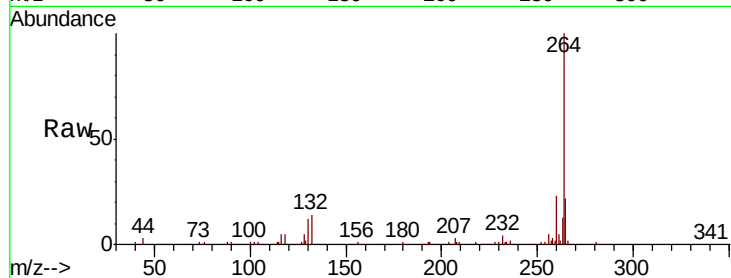


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.05 min Scan# 3703
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

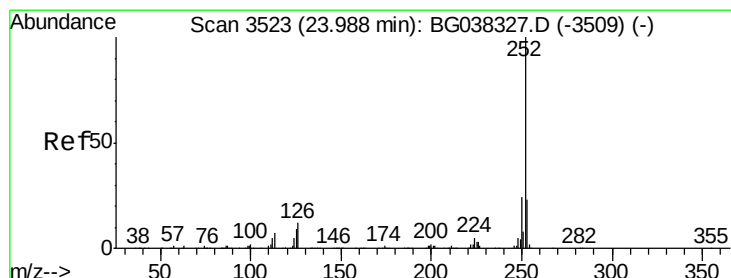
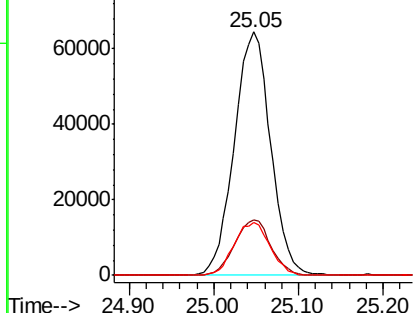
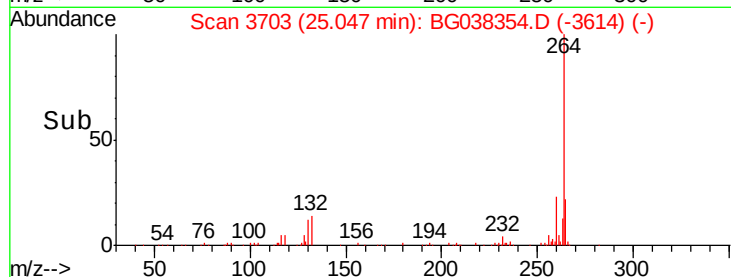
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 192223

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	21.6	17.9	26.9



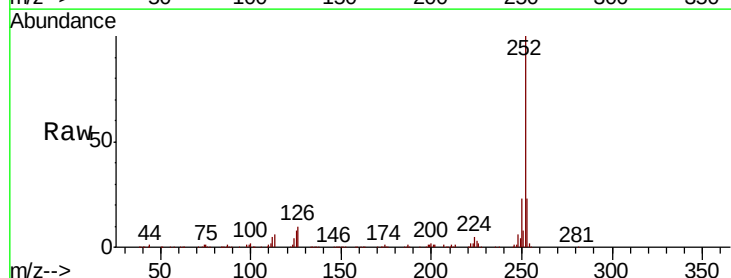
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



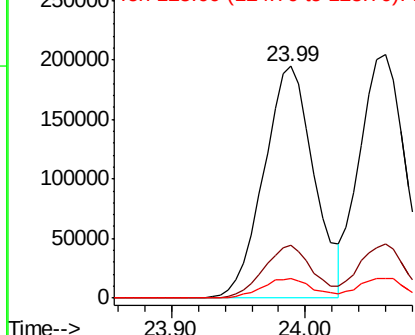
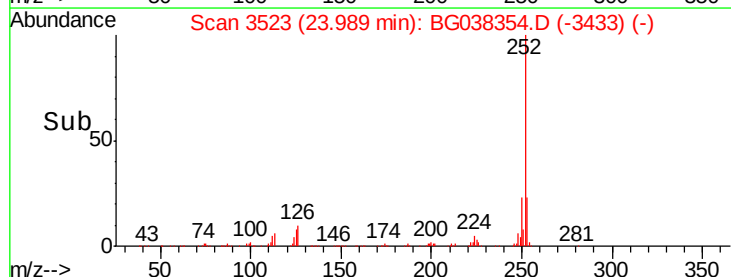
#88
Benzo(b)fluoranthene
Concen: 46.855 ng
RT: 23.99 min Scan# 3523
Delta R.T. 0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

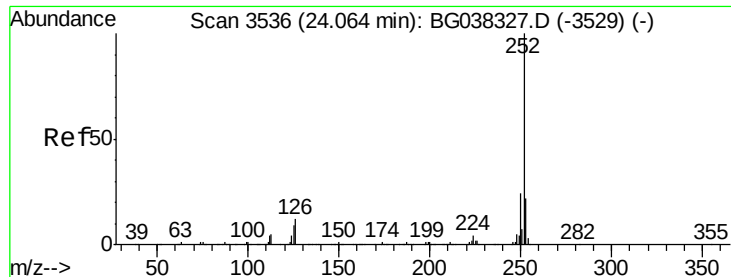
Tgt Ion:252 Resp: 508901

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.2	27.2
125	8.3	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: 44.495 ng

RT: 24.06 min Scan# 3535

Delta R.T. -0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

Instrument :

BNA_G

ClientSampled :

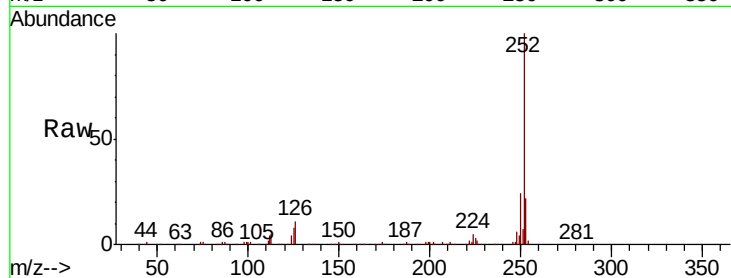
Tot Ion:252 Resp: 481320

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.2

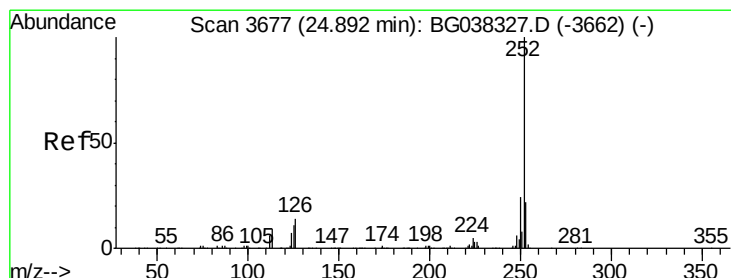
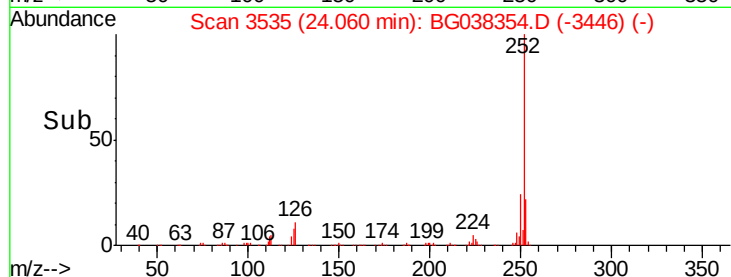
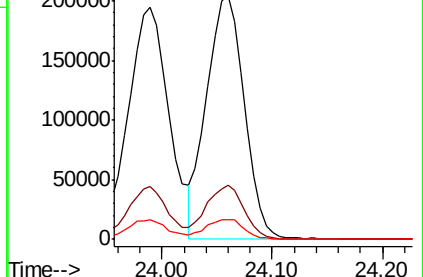
125 8.0 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 46.456 ng

RT: 24.89 min Scan# 3677

Delta R.T. 0.00 min

Lab File: BG038354.D

Acq: 5 Dec 2018 11:03

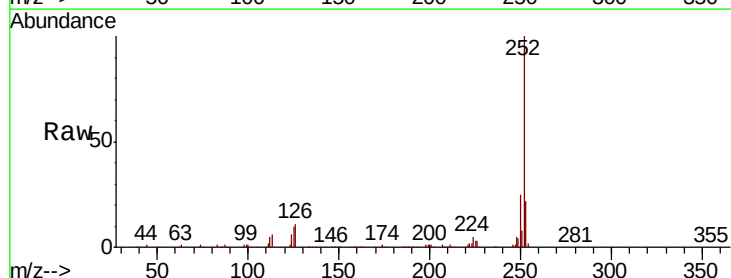
Tgt Ion:252 Resp: 489430

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

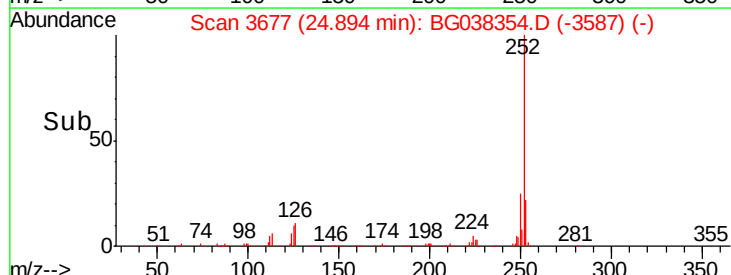
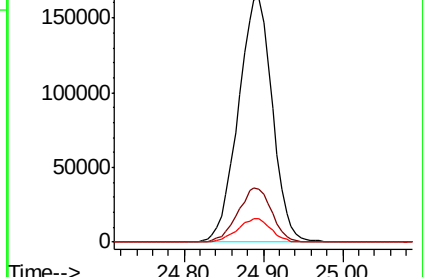
125 9.6 9.0 13.6

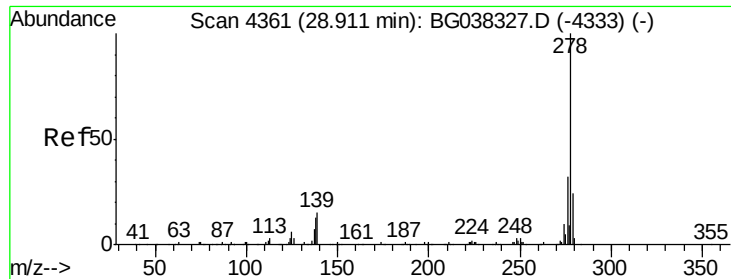


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

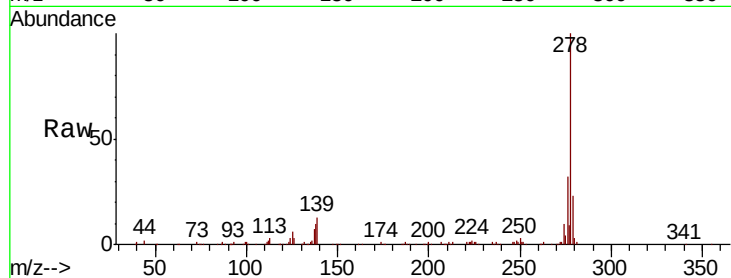




#91
Dibenzo(a,h)anthracene
Concen: 47.711 ng
RT: 28.91 min Scan# 4360
Delta R.T. -0.00 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.5	11.5	17.3
279	23.1	18.6	27.8

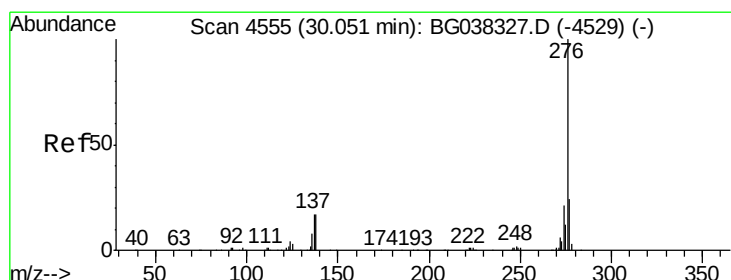
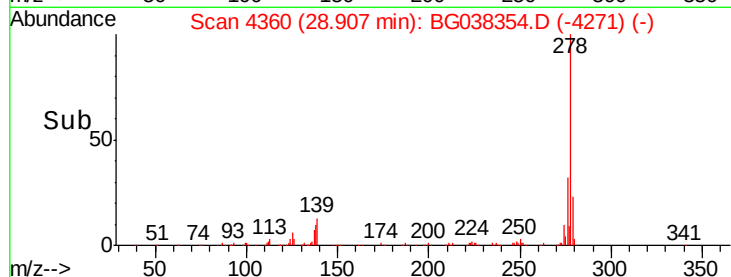
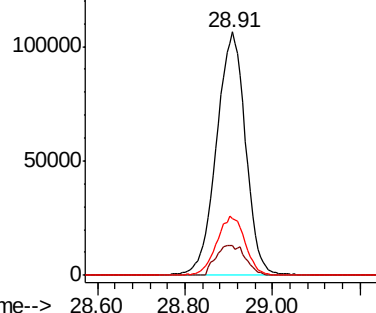


Abundance

Ion 278.00 (277.70 to 278.70): E

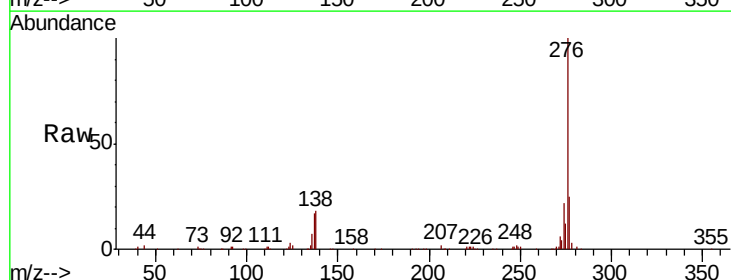
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.022 ng
RT: 30.04 min Scan# 4553
Delta R.T. -0.01 min
Lab File: BG038354.D
Acq: 5 Dec 2018 11:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.9	28.3
138	17.8	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

