

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038436.D
 Acq On : 10 Dec 2018 10:32
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 13:24:37 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	32985	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	139405	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	89260	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	214822	20.00	ng	0.00
76) Chrysene-d12	21.74	240	200402	20.00	ng	0.00
87) Perylene-d12	25.04	264	213040	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	146795	78.76	ng	0.00
7) Phenol-d6	7.22	99	235089	87.26	ng	0.00
23) Nitrobenzene-d5	9.25	82	217561	77.48	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	95911	87.53	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	504467	80.53	ng	0.00
79) Terphenyl-d14	20.05	244	719605	76.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	31187	36.507	ng	98
3) Pyridine	3.91	79	99806	39.052	ng	91
4) n-Nitrosodimethylamine	3.83	42	45660	40.786	ng	91
6) Aniline	7.40	93	133261	38.729	ng	98
8) 2-Chlorophenol	7.63	128	82544	38.131	ng	97
9) Benzaldehyde	7.21	77	73278	42.955	ng	98
10) Phenol	7.25	94	111257	39.087	ng	94
11) bis(2-Chloroethyl)ether	7.49	93	85659	36.745	ng	99
12) 1,3-Dichlorobenzene	7.95	146	99551	39.347	ng	96
13) 1,4-Dichlorobenzene	8.11	146	95782	36.589	ng	99
14) 1,2-Dichlorobenzene	8.42	146	92806	38.119	ng	98
15) Benzyl Alcohol	8.31	79	80030	36.133	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	194151	36.615	ng	98
17) 2-Methylphenol	8.51	107	75074	37.268	ng	96
18) Hexachloroethane	9.15	117	35266	37.326	ng	91
19) n-Nitroso-di-n-propylamine	8.88	70	74702	37.825	ng	92
20) 3+4-Methylphenols	8.84	107	107121	37.356	ng	97
22) Acetophenone	8.90	105	136685	40.663	ng	# 95
24) Nitrobenzene	9.29	77	111539	39.099	ng	97
25) Isophorone	9.80	82	297644	60.319	ng	96
26) 2-Nitrophenol	10.00	139	85642	64.791	ng	99
27) 2,4-Dimethylphenol	10.05	122	128495	67.680	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	180857	63.934	ng	98
29) 2,4-Dichlorophenol	10.53	162	96674	44.607	ng	100
30) 1,2,4-Trichlorobenzene	10.75	180	101708	39.978	ng	97
31) Naphthalene	10.94	128	265732	39.906	ng	99
32) Benzoic acid	10.20	122	73537	53.910	ng	98
33) 4-Chloroaniline	11.05	127	125272	42.496	ng	97
34) Hexachlorobutadiene	11.20	225	66863	42.010	ng	95
35) Caprolactam	11.84	113	36149	40.335	ng	# 88
36) 4-Chloro-3-methylphenol	12.16	107	103837	43.123	ng	95
37) 2-Methylnaphthalene	12.54	142	196011	41.333	ng	98
38) 1-Methylnaphthalene	12.75	142	188539	41.510	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	128350	41.788	ng	99

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 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 10 13:24:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

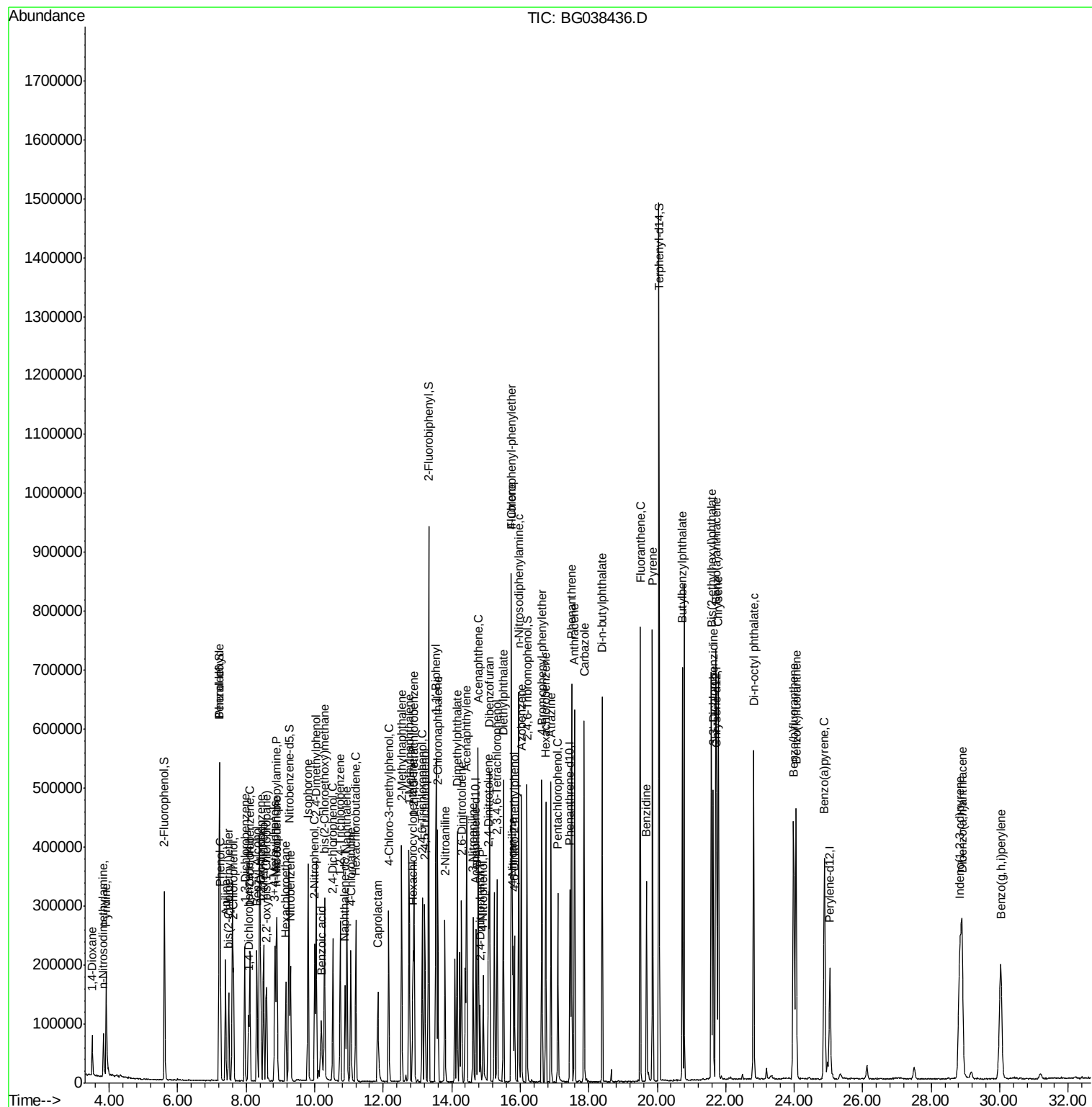
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	67040	39.719	ng	98
43) 2,4,6-Trichlorophenol	13.14	196	82738	41.584	ng	98
44) 2,4,5-Trichlorophenol	13.21	196	87318	41.427	ng	98
46) 1,1'-Biphenyl	13.54	154	297152	39.384	ng	99
47) 2-Chloronaphthalene	13.59	162	224937	39.508	ng	99
48) 2-Nitroaniline	13.80	65	77915	40.791	ng	99
49) Acenaphthylene	14.43	152	346721	40.435	ng	100
50) Dimethylphthalate	14.16	163	293171	40.949	ng	100
51) 2,6-Dinitrotoluene	14.29	165	67809	41.462	ng	95
52) Acenaphthene	14.77	154	208234	39.835	ng	99
53) 3-Nitroaniline	14.62	138	71569	40.633	ng	# 99
54) 2,4-Dinitrophenol	14.83	184	33065	36.882	ng	# 87
55) Dibenzofuran	15.10	168	354368	41.005	ng	97
56) 4-Nitrophenol	14.92	139	49336	35.459	ng	81
57) 2,4-Dinitrotoluene	15.08	165	93661	41.523	ng	# 96
58) Fluorene	15.75	166	261924	41.138	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	77359	42.258	ng	98
60) Diethylphthalate	15.51	149	311447	39.266	ng	100
61) 4-Chlorophenyl-phenylether	15.74	204	159767	41.777	ng	99
62) 4-Nitroaniline	15.79	138	69895	40.346	ng	# 86
63) Azobenzene	16.03	77	273476	39.396	ng	94
65) 4,6-Dinitro-2-methylphenol	15.83	198	59352	42.167	ng	95
66) n-Nitrosodiphenylamine	15.96	169	258479	42.788	ng	99
67) 4-Bromophenyl-phenylether	16.63	248	104046	44.850	ng	95
68) Hexachlorobenzene	16.75	284	106481	44.500	ng	97
69) Atrazine	16.90	200	95188	42.229	ng	98
70) Pentachlorophenol	17.10	266	64301	39.233	ng	94
71) Phenanthrene	17.50	178	440057	40.904	ng	99
72) Anthracene	17.59	178	438384	42.079	ng	99
73) Carbazole	17.86	167	431402	41.721	ng	98
74) Di-n-butylphthalate	18.39	149	487865	40.387	ng	98
75) Fluoranthene	19.51	202	514556	40.938	ng	96
77) Benzdine	19.69	184	224936	33.262	ng	99
78) Pyrene	19.86	202	529104	37.735	ng	97
80) Butylbenzylphthalate	20.73	149	215706	38.249	ng	98
81) Benzo(a)anthracene	21.71	228	490028	39.785	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	189757	39.604	ng	98
83) Chrysene	21.79	228	460256	39.488	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	301417	37.708	ng	99
85) Di-n-octyl phthalate	22.81	149	499961	36.477	ng	98
86) Indeno(1,2,3-cd)pyrene	28.84	276	529298	39.958	ng	# 93
88) Benzo(b)fluoranthene	23.98	252	472617	39.262	ng	98
89) Benzo(k)fluoranthene	24.05	252	465506	38.828	ng	99
90) Benzo(a)pyrene	24.88	252	459507	39.354	ng	# 96
91) Dibenzo(a,h)anthracene	28.90	278	441826	39.897	ng	97
92) Benzo(g,h,i)perylene	30.03	276	441001	40.138	ng	# 93

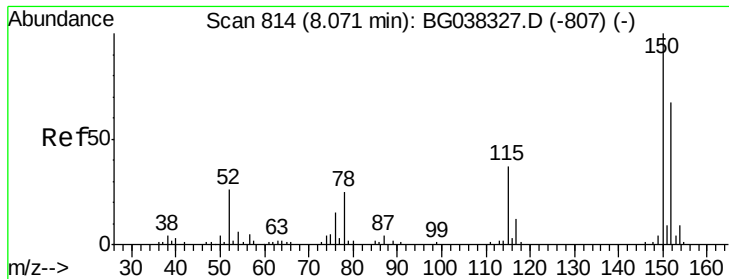
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121018\
 Data File : BG038436.D
 Acq On : 10 Dec 2018 10:32
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampled :

Quant Time: Dec 10 13:24:37 2018
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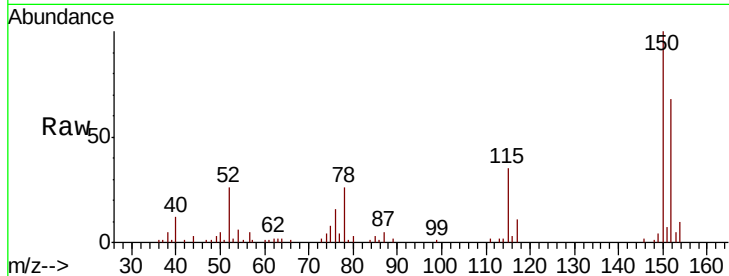


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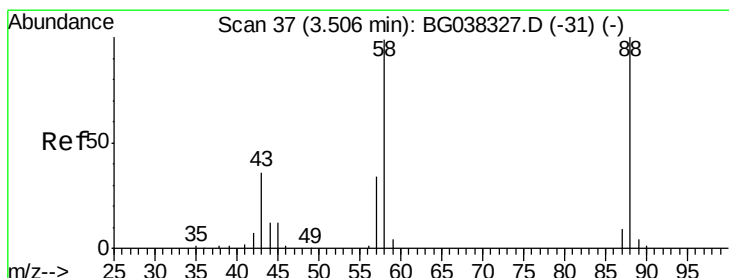
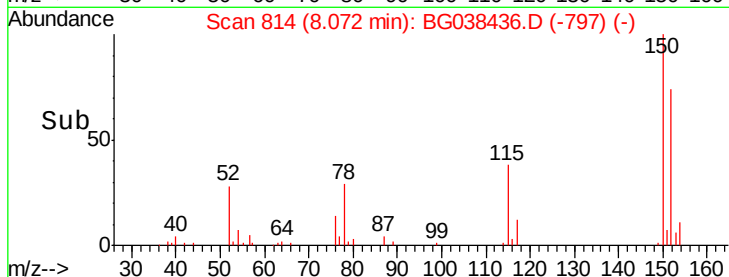
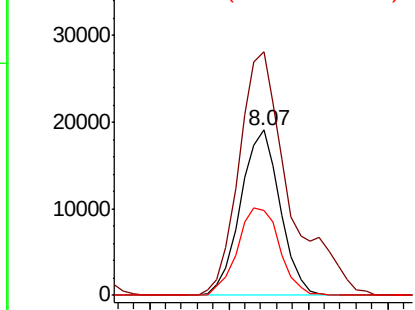
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32985
Ion Ratio Lower Upper
152 100
150 147.4 126.0 189.0
115 51.2 45.5 68.3



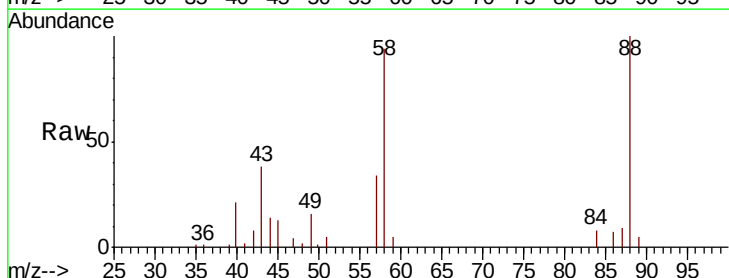
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



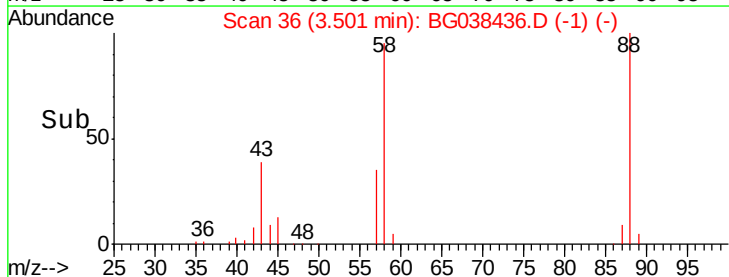
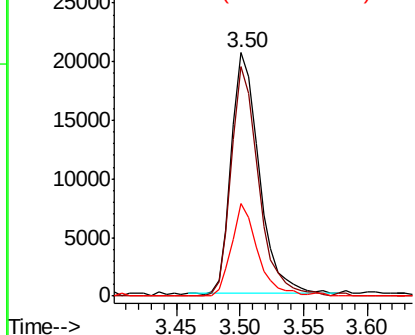
#2

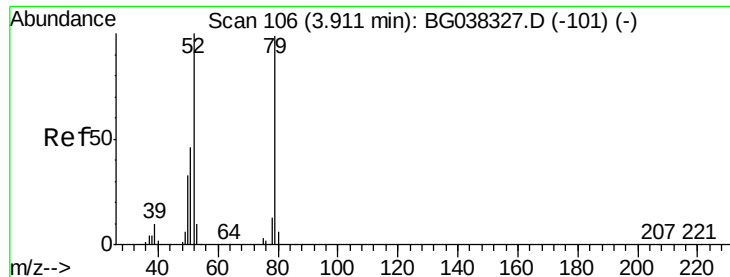
1,4-Dioxane
Concen: 36.507 ng
RT: 3.50 min Scan# 36
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion: 88 Resp: 31187
Ion Ratio Lower Upper
88 100
58 93.7 74.4 111.6
43 36.1 25.8 38.8



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 39.052 ng

RT: 3.91 min Scan# 105

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

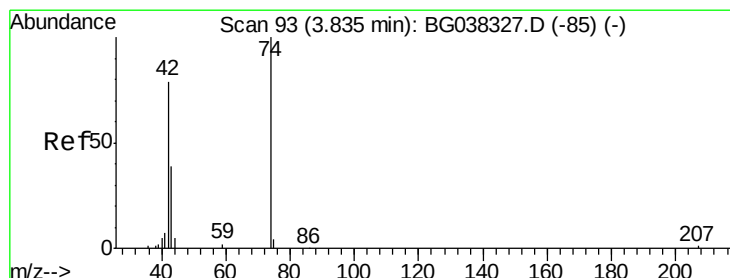
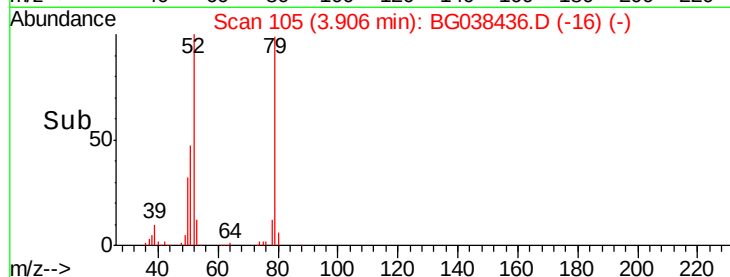
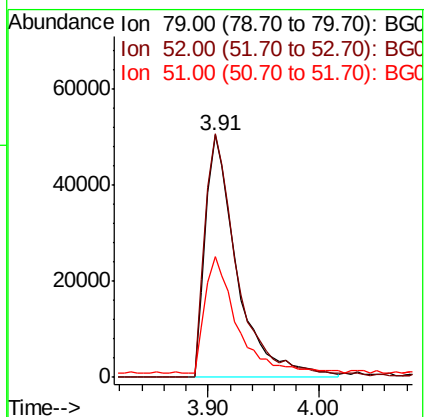
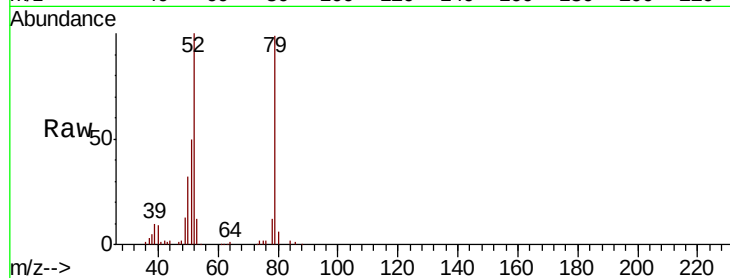
Tot Ion: 79 Resp: 99806

Ion Ratio Lower Upper

79 100

52 100.6 74.2 111.2

51 49.8 34.6 51.8



#4

n-Nitrosodimethylamine

Concen: 40.786 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

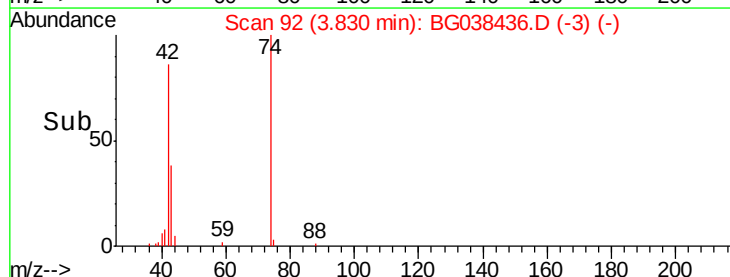
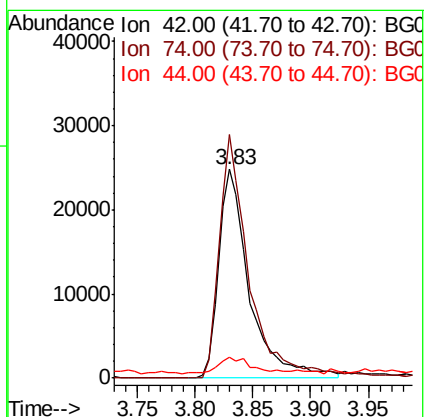
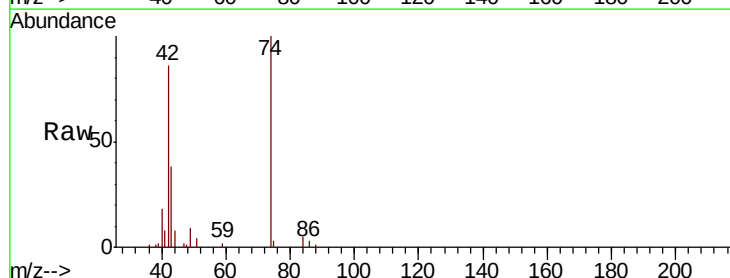
Tgt Ion: 42 Resp: 45660

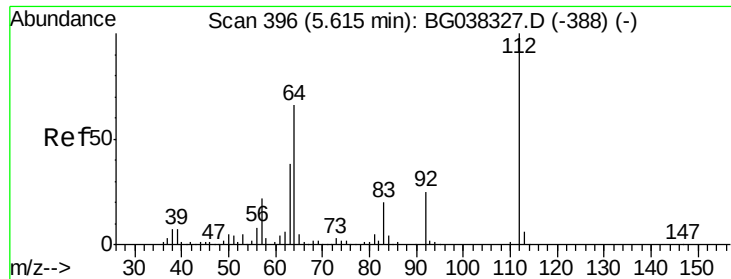
Ion Ratio Lower Upper

42 100

74 116.6 102.0 153.0

44 9.9 9.6 14.4





#5

2-Fluorophenol

Concen: 78.755 ng

RT: 5.62 min Scan# 396

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

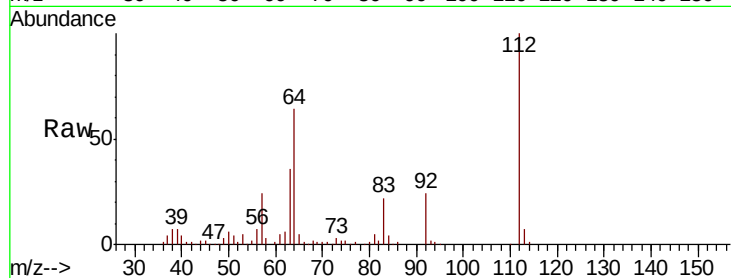
Tot Ion:112 Resp: 146795

Ion Ratio Lower Upper

112 100

64 63.6 53.1 79.7

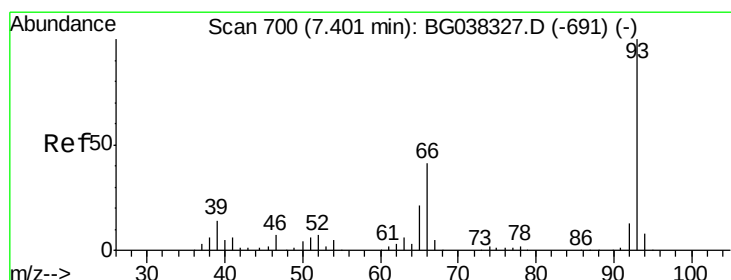
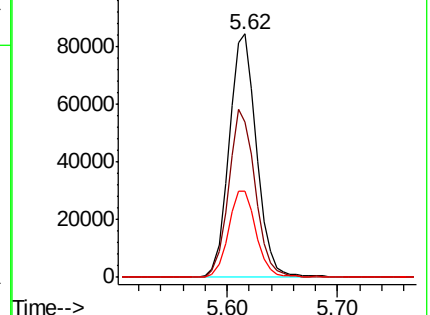
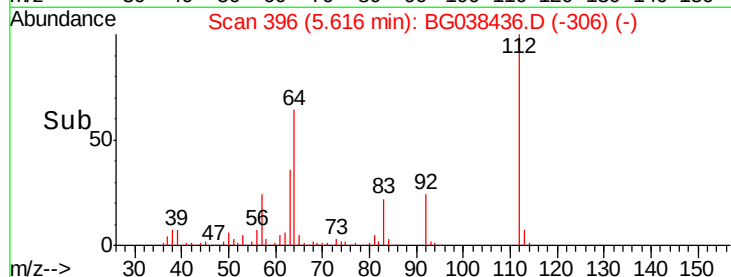
63 35.5 27.3 40.9



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: 38.729 ng

RT: 7.40 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

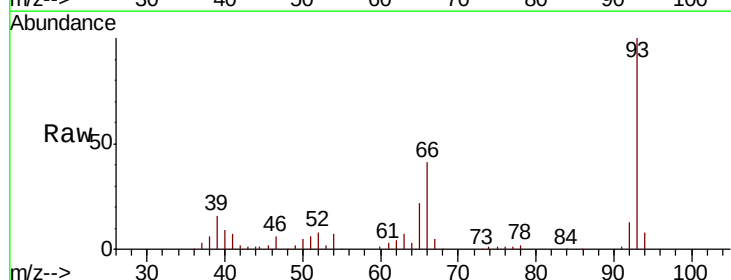
Tgt Ion: 93 Resp: 133261

Ion Ratio Lower Upper

93 100

66 41.4 32.8 49.2

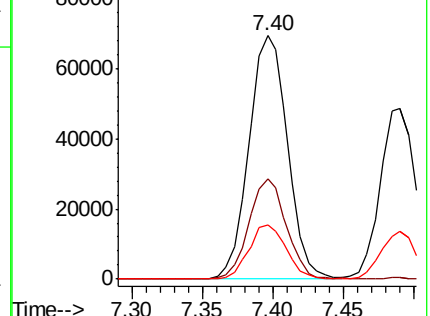
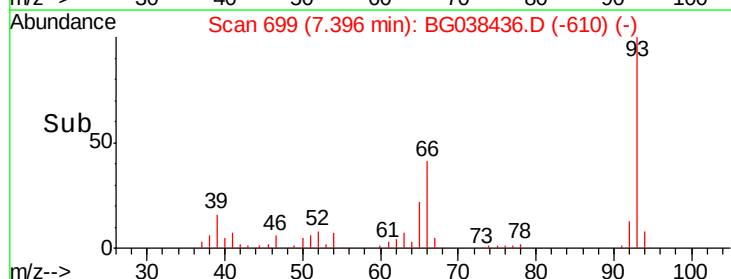
65 22.4 16.4 24.6

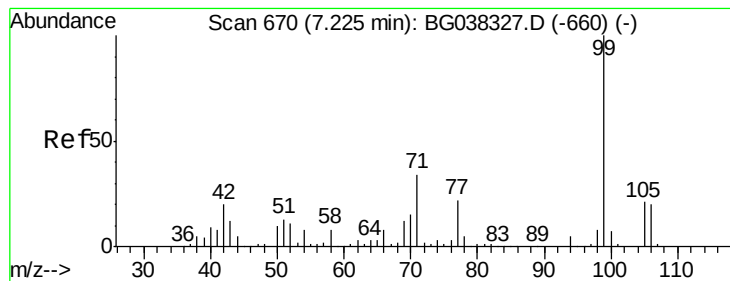


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 87.264 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

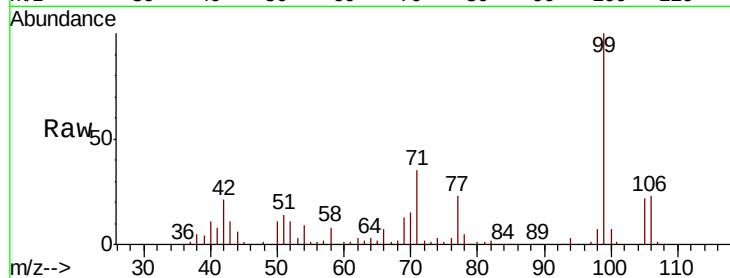
Tot Ion: 99 Resp: 235089

Ion Ratio Lower Upper

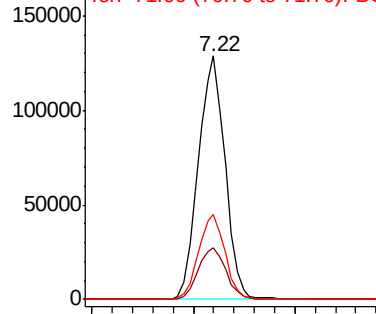
99 100

42 21.4 15.0 22.4

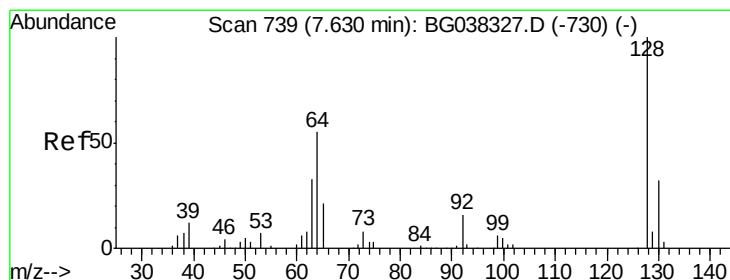
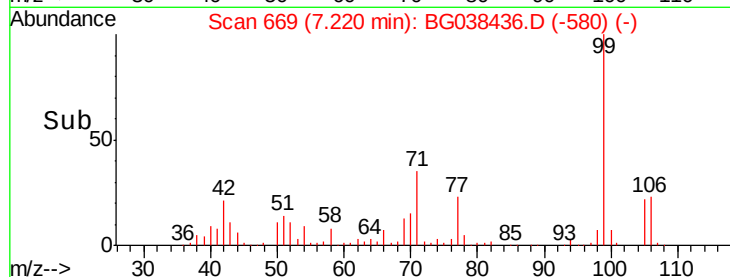
71 35.0 25.5 38.3



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



Time--> 7.10 7.20 7.30



#8

2-Chlorophenol

Concen: 38.131 ng

RT: 7.63 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

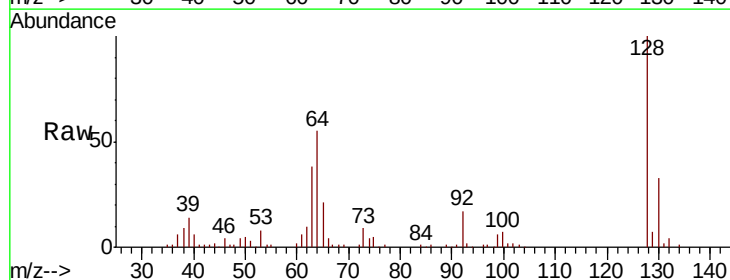
Tgt Ion: 128 Resp: 82544

Ion Ratio Lower Upper

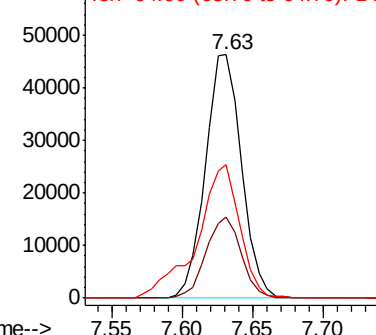
128 100

130 33.5 12.0 52.0

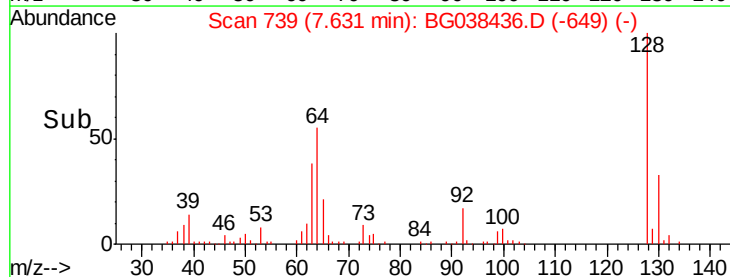
64 55.0 32.9 72.9

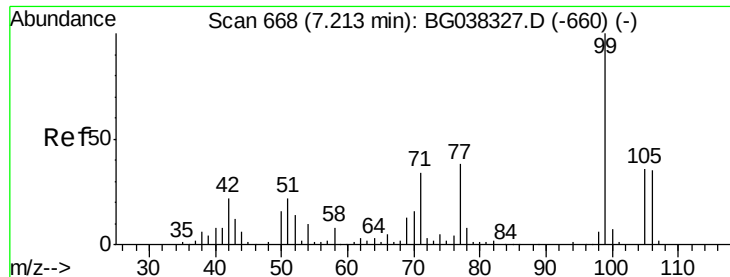


Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC



Time--> 7.55 7.60 7.65 7.70





#9

Benzaldehyde

Concen: 42.955 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampled :

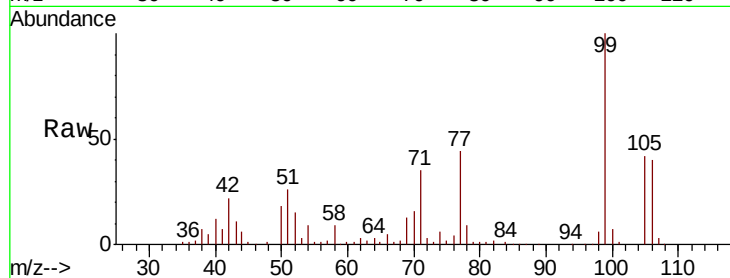
Tot Ion: 77 Resp: 73278

Ion Ratio Lower Upper

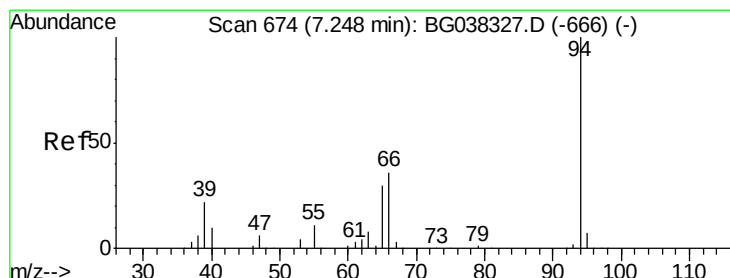
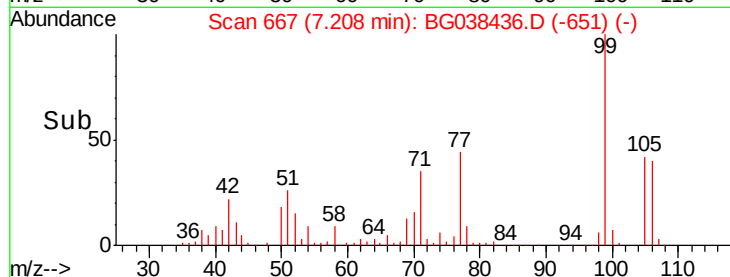
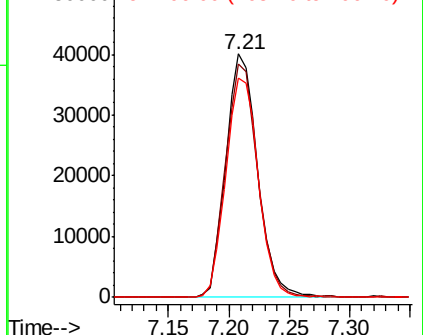
77 100

105 95.7 72.6 112.6

106 90.2 71.3 111.3



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



#10

Phenol

Concen: 39.087 ng

RT: 7.25 min Scan# 674

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

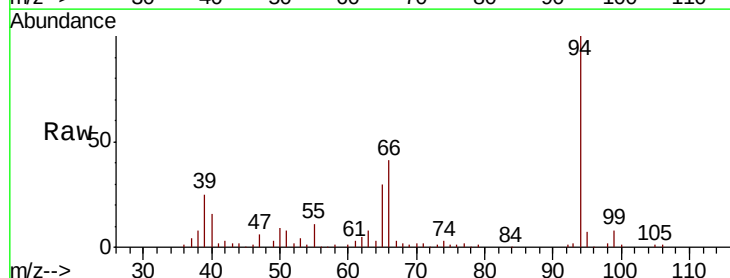
Tgt Ion: 94 Resp: 111257

Ion Ratio Lower Upper

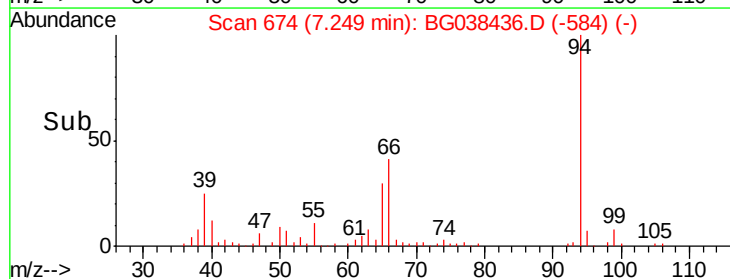
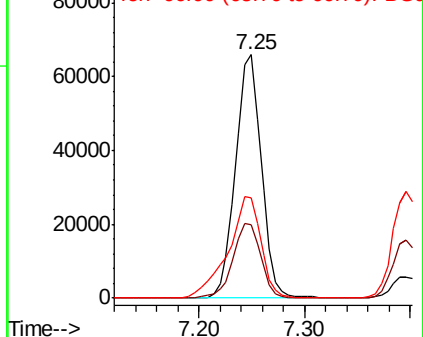
94 100

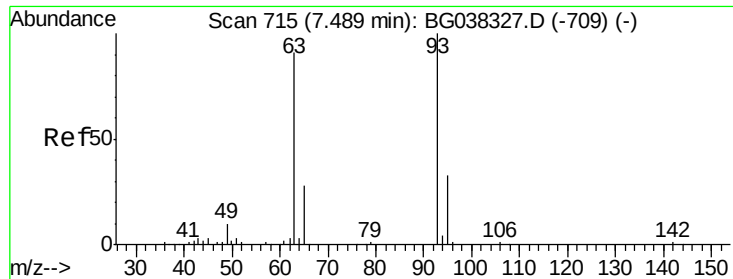
65 30.2 9.7 49.7

66 41.4 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 36.745 ng

RT: 7.49 min Scan# 715

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

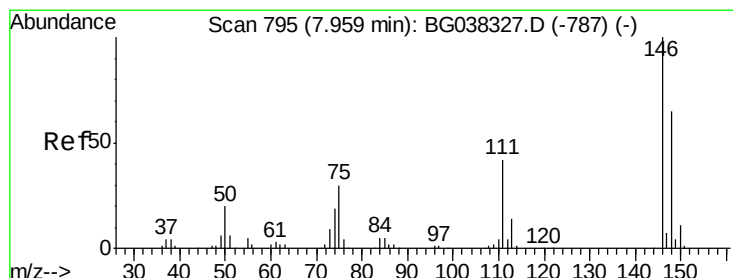
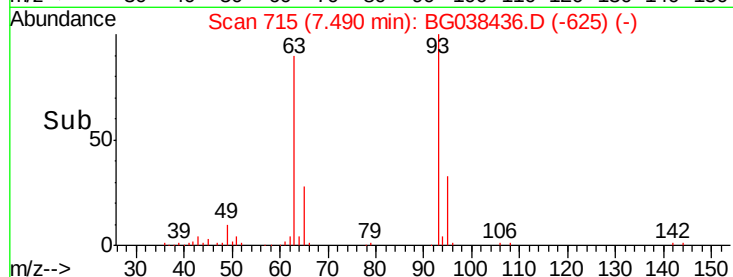
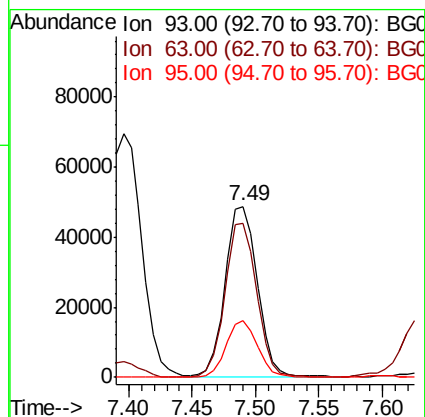
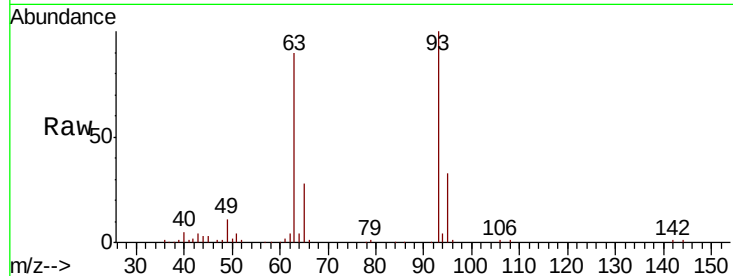
Tot Ion: 93 Resp: 85659

Ion Ratio Lower Upper

93 100

63 90.2 69.5 109.5

95 33.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 39.347 ng

RT: 7.95 min Scan# 794

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

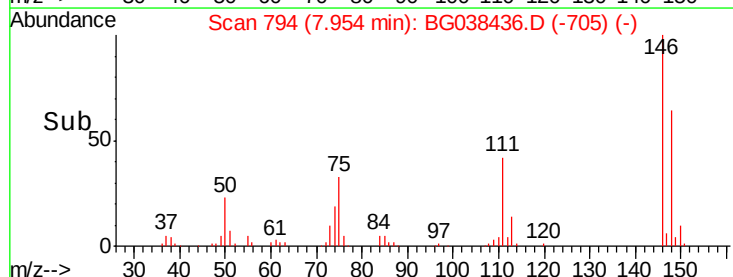
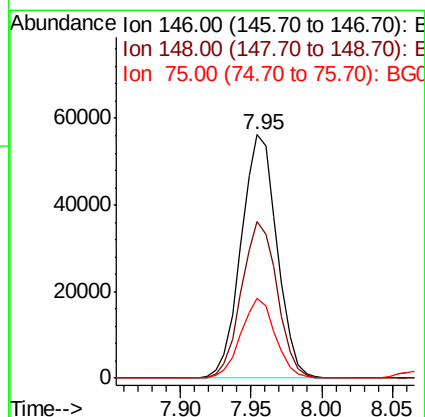
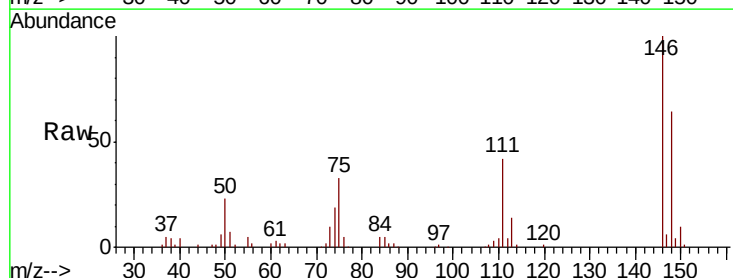
Tgt Ion: 146 Resp: 99551

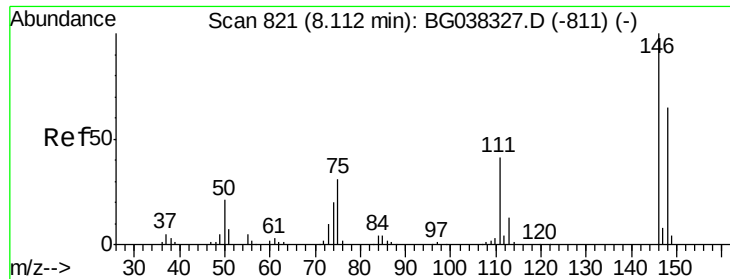
Ion Ratio Lower Upper

146 100

148 64.2 49.8 74.8

75 32.6 23.2 34.8

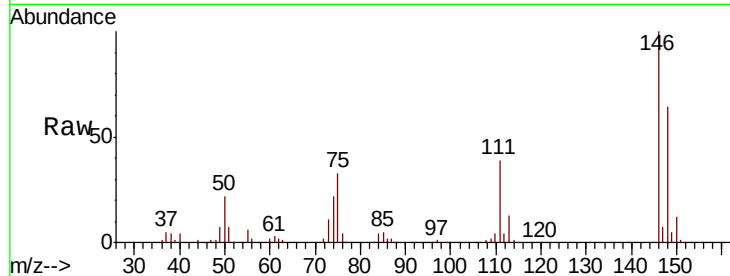




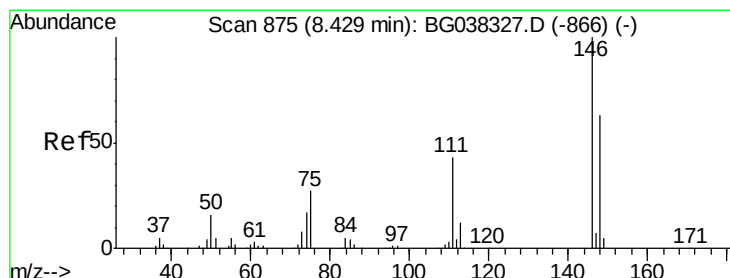
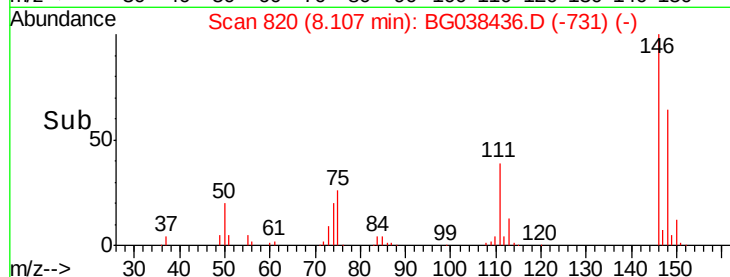
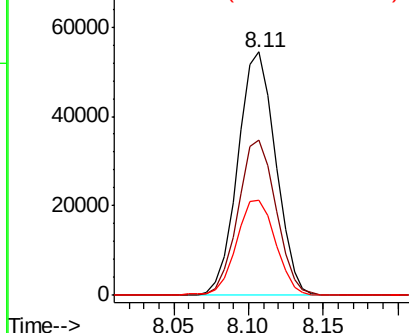
#13
 1,4-Dichlorobenzene
 Concen: 36.589 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 95782
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.0 76.6
 111 39.3 32.4 48.6

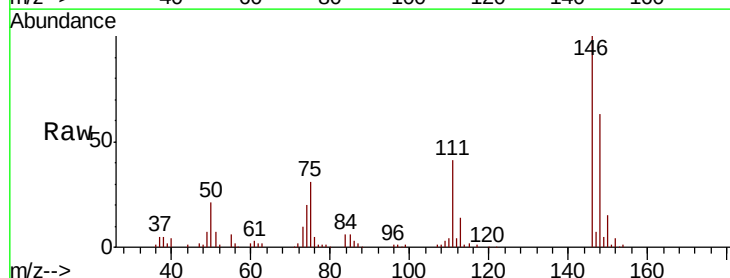


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

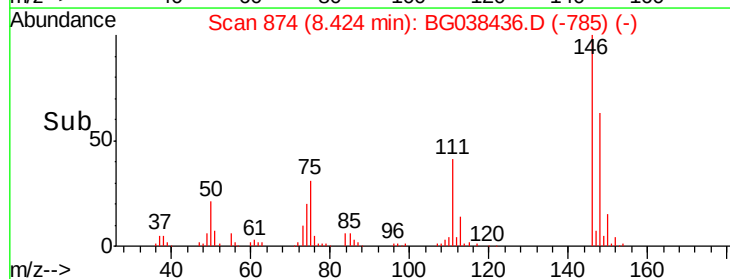
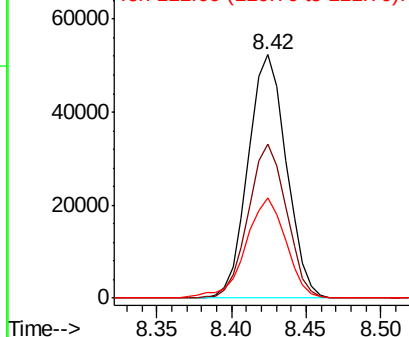


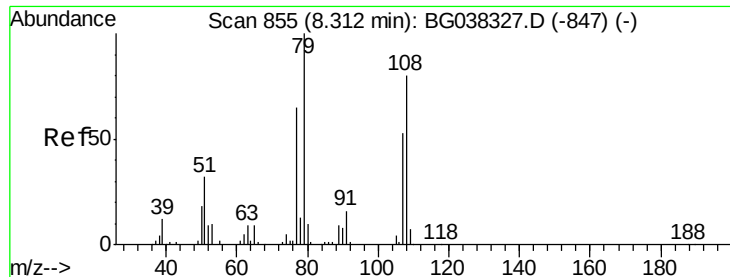
#14
 1,2-Dichlorobenzene
 Concen: 38.119 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:146 Resp: 92806
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.4 75.6
 111 41.1 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: 36.133 ng

RT: 8.31 min Scan# 855

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

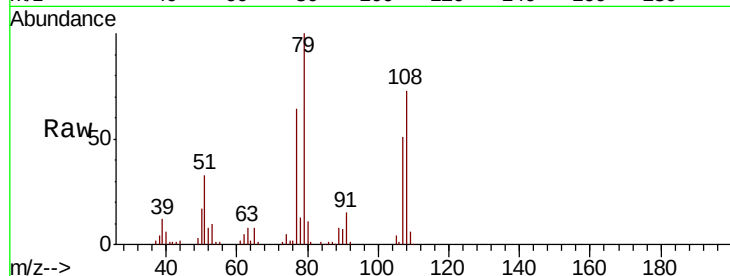
Tot Ion: 79 Resp: 80030

Ion Ratio Lower Upper

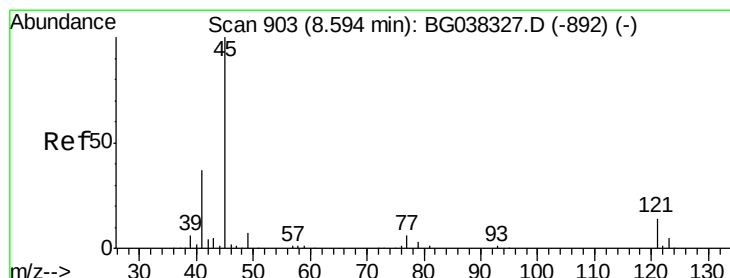
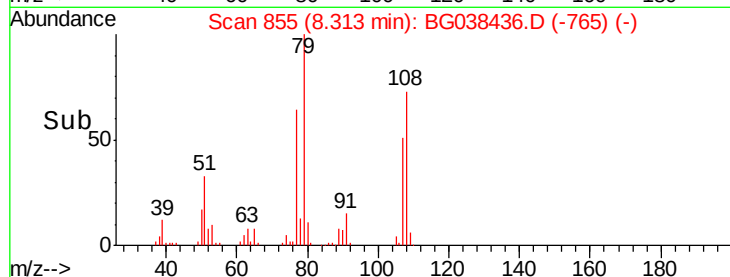
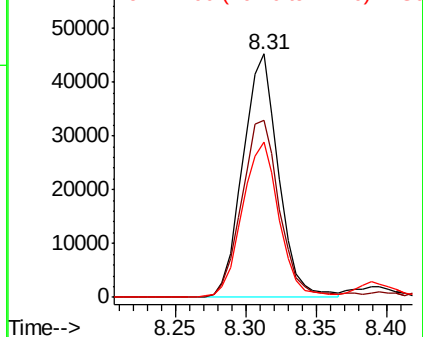
79 100

108 72.8 65.8 98.8

77 64.0 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.615 ng

RT: 8.59 min Scan# 903

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

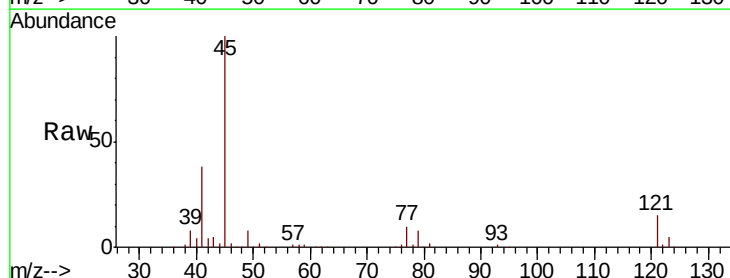
Tgt Ion: 45 Resp: 194151

Ion Ratio Lower Upper

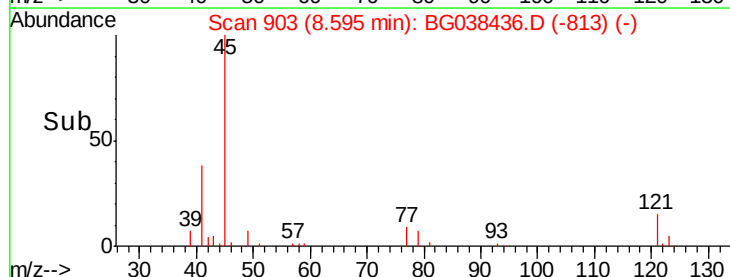
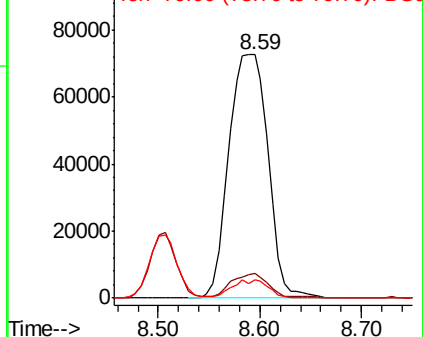
45 100

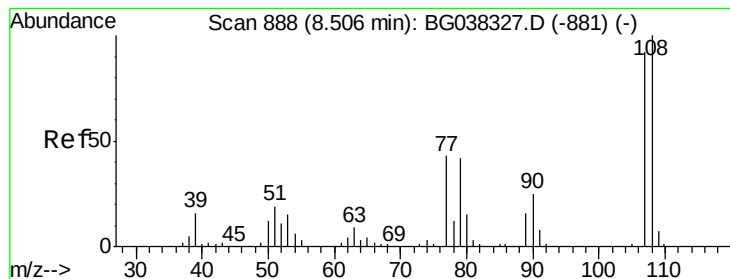
77 10.2 0.0 30.0

79 7.7 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: 37.268 ng

RT: 8.51 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 75074

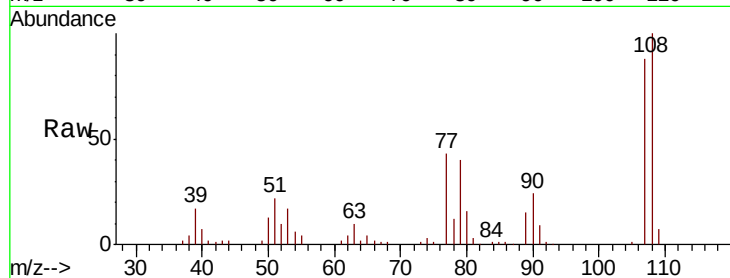
Ion Ratio Lower Upper

107 100

108 113.3 87.9 131.9

77 48.3 35.1 52.7

79 45.7 34.5 51.7

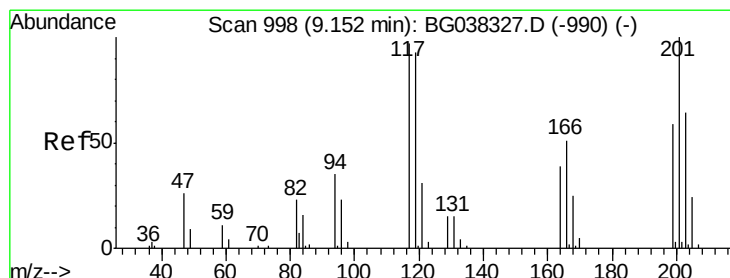
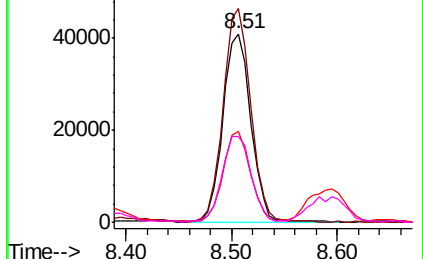
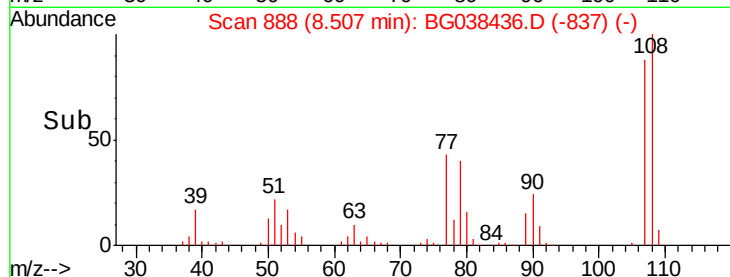


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 37.326 ng

RT: 9.15 min Scan# 997

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

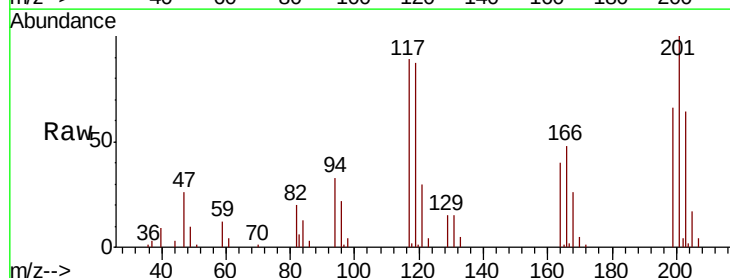
Tgt Ion:117 Resp: 35266

Ion Ratio Lower Upper

117 100

119 98.1 74.6 111.8

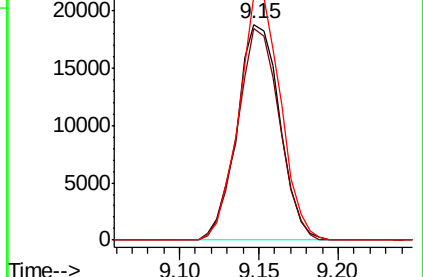
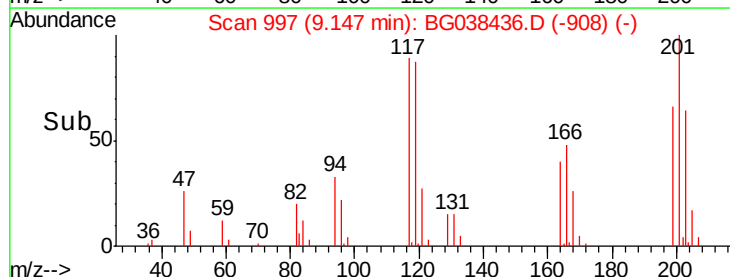
201 113.0 80.8 121.2

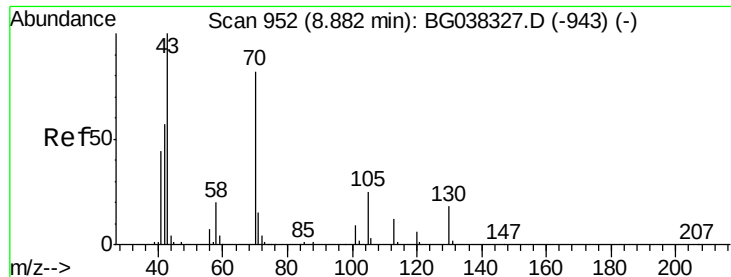


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

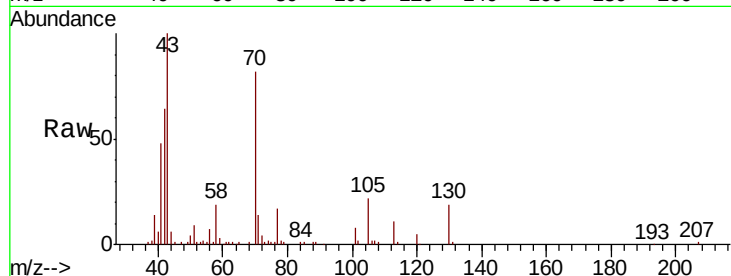




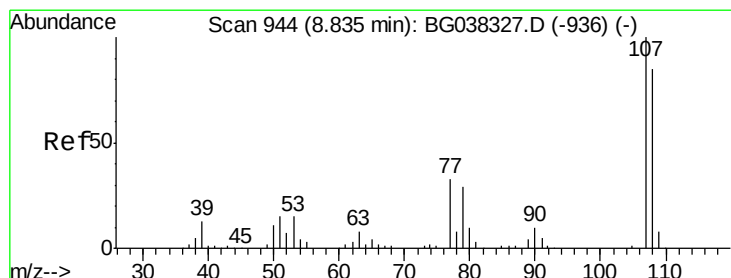
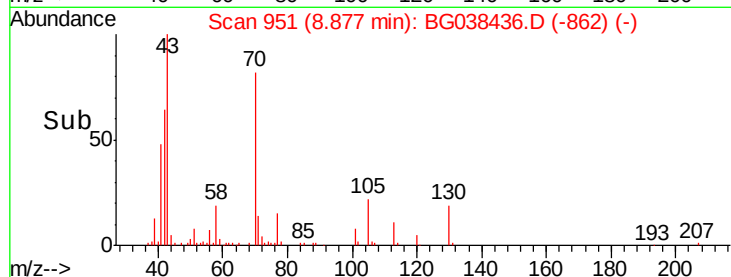
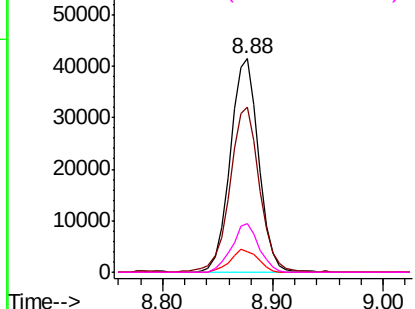
#19
n-Nitroso-di-n-propylamine
Concen: 37.825 ng
RT: 8.88 min Scan# 951
Delta R.T. -0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 74702
Ion Ratio Lower Upper
70 100
42 77.3 53.9 80.9
101 9.9 8.2 12.2
130 22.6 18.2 27.4

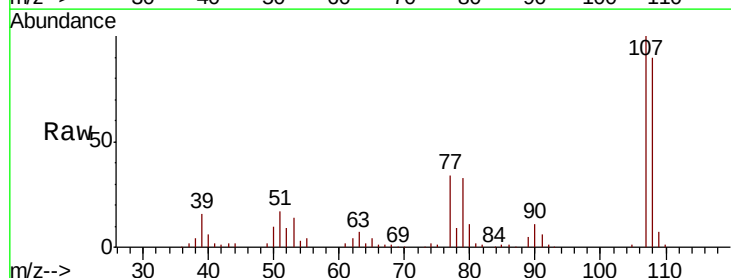


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

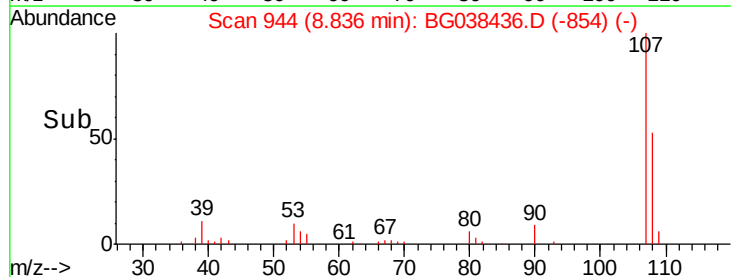
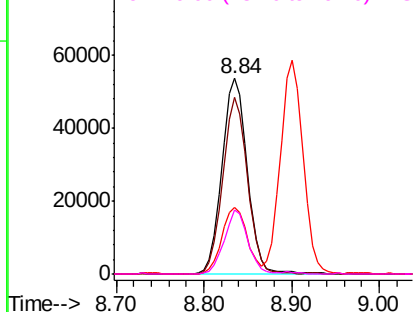


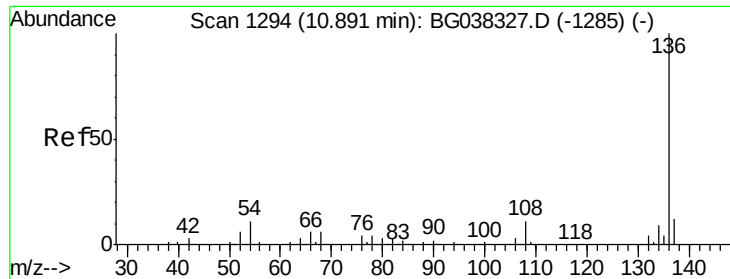
#20
3+4-Methylphenols
Concen: 37.356 ng
RT: 8.84 min Scan# 944
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion: 107 Resp: 107121
Ion Ratio Lower Upper
107 100
108 90.0 69.9 109.9
77 34.0 11.2 51.2
79 32.9 6.6 46.6



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

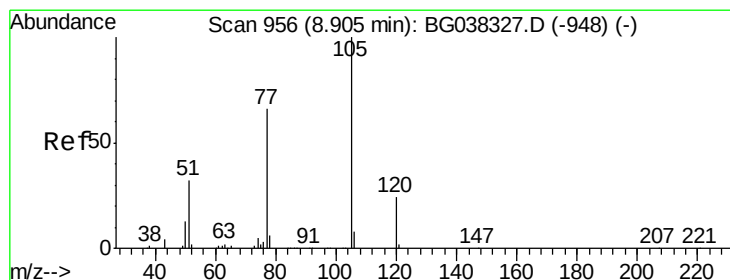
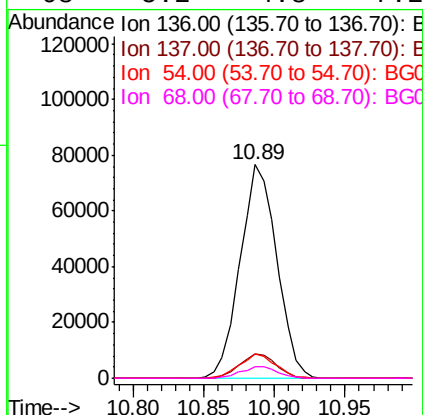
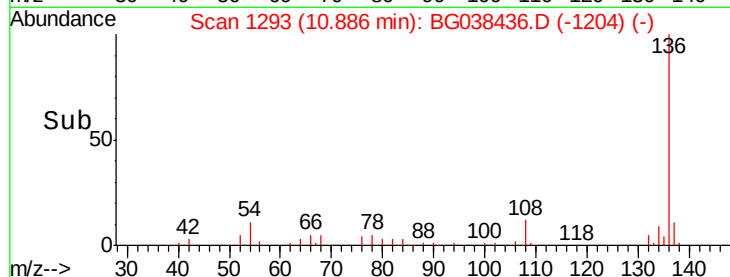
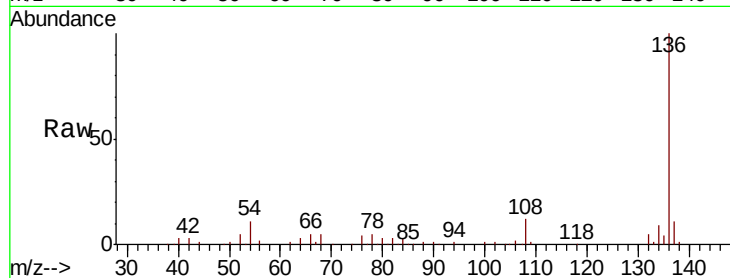




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

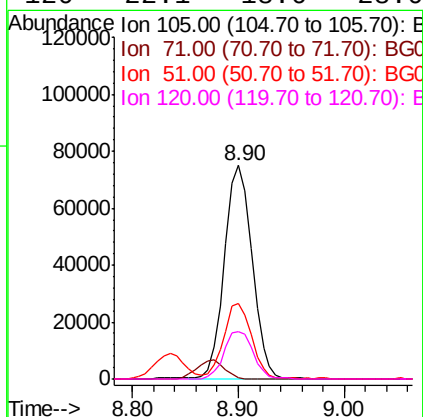
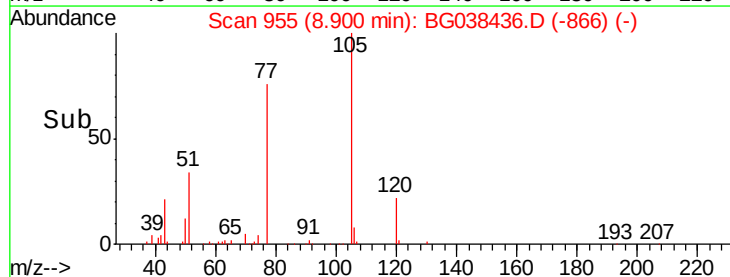
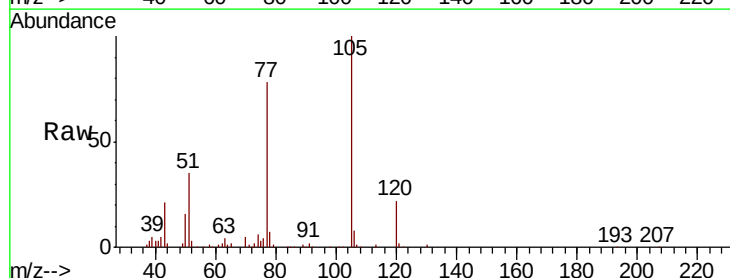
Instrument :
BNA_G
ClientSampleId :

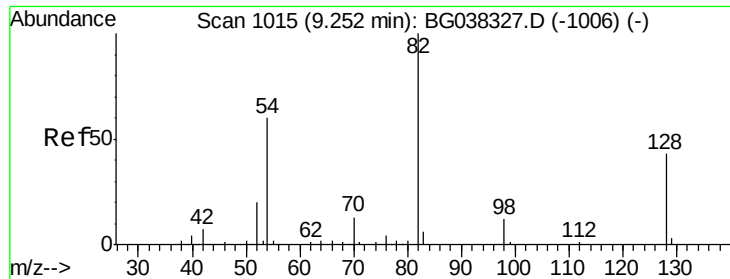
Tot Ion:136	Resp:	139405
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.6 14.4
54	11.4	7.9 11.9
68	5.2	4.8 7.2



#22
Acetophenone
Concen: 40.663 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:105	Resp:	136685
Ion Ratio	Lower	Upper
105	100	
71	0.9	1.2 1.8#
51	35.2	25.0 37.6
120	22.1	18.6 28.0

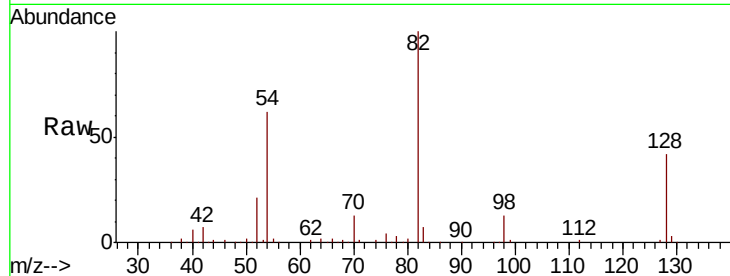




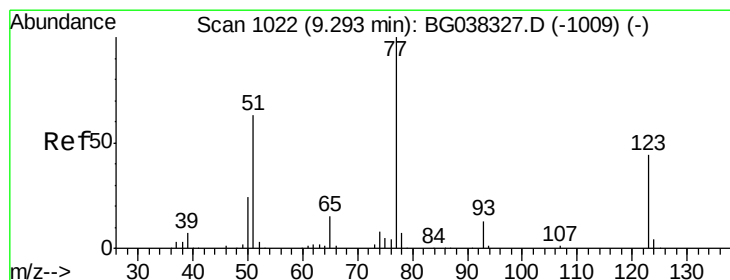
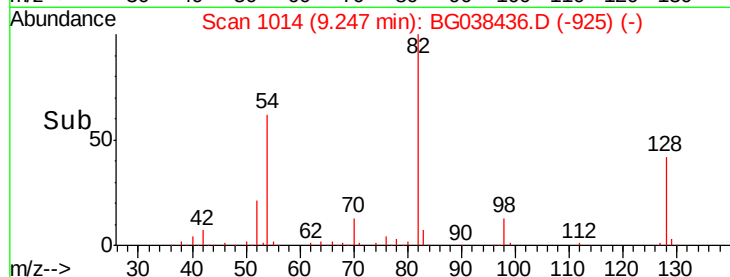
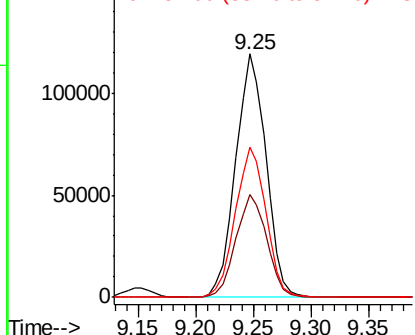
#23
Nitrobenzene-d5
Concen: 77.482 ng
RT: 9.25 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 217561
Ion Ratio Lower Upper
82 100
128 42.4 34.6 51.8
54 61.5 45.3 67.9

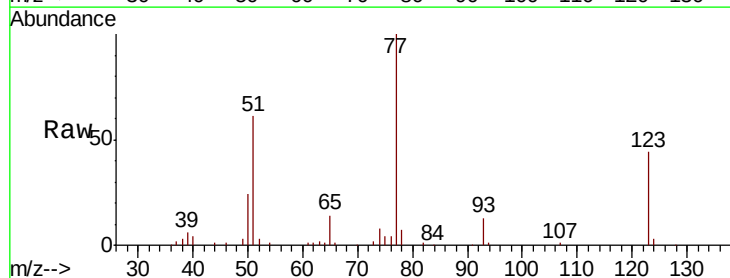


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

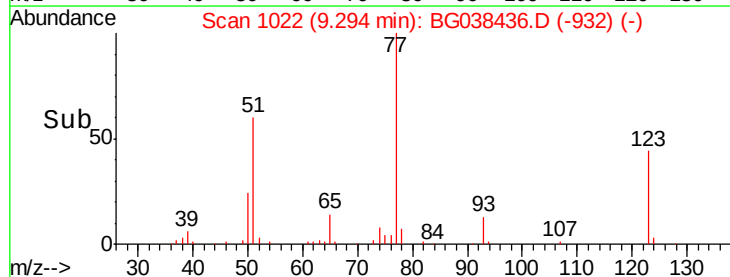
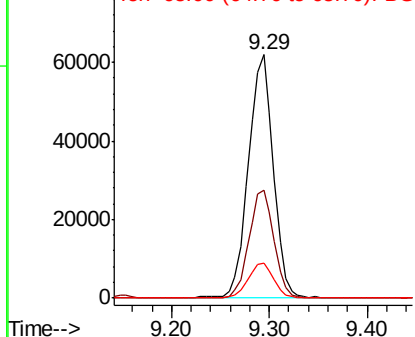


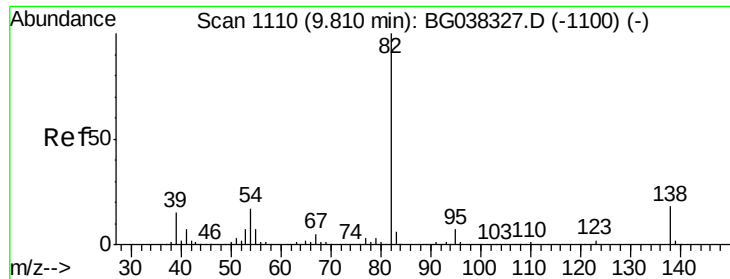
#24
Nitrobenzene
Concen: 39.099 ng
RT: 9.29 min Scan# 1022
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion: 77 Resp: 111539
Ion Ratio Lower Upper
77 100
123 44.1 33.6 50.4
65 14.5 11.3 16.9



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





#25

Isophorone

Concen: 60.319 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

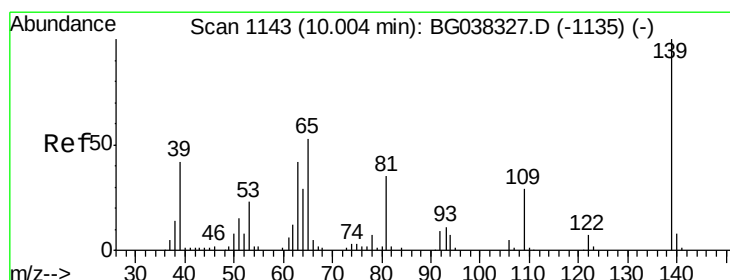
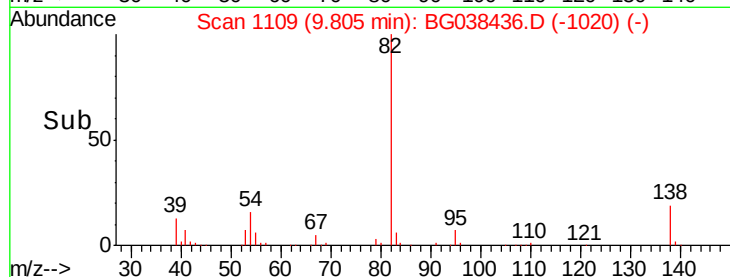
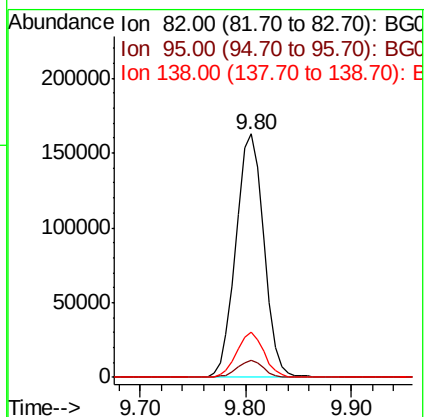
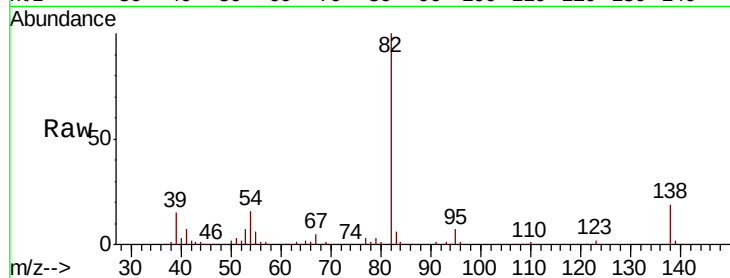
Tot Ion: 82 Resp: 297644

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.6 13.3 19.9



#26

2-Nitrophenol

Concen: 64.791 ng

RT: 10.00 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

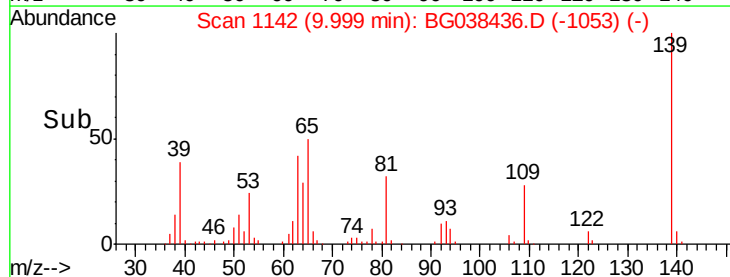
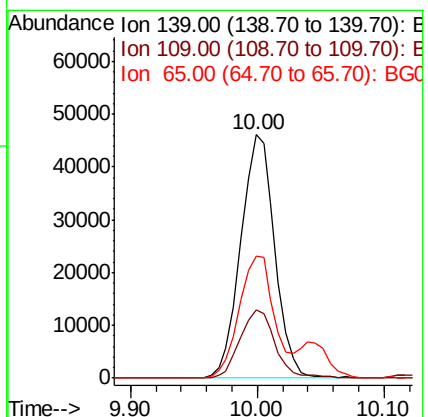
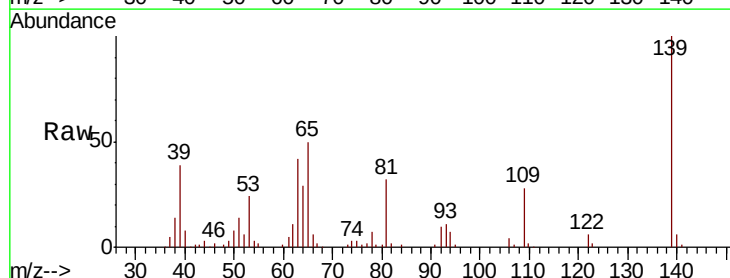
Tgt Ion: 139 Resp: 85642

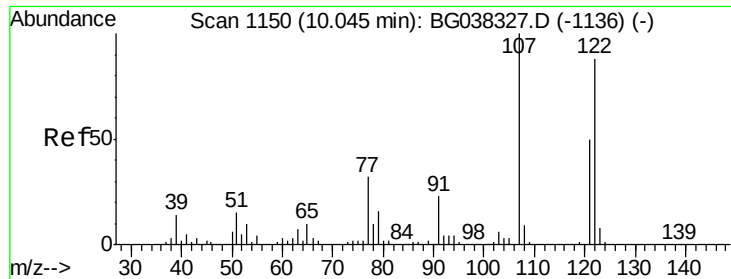
Ion Ratio Lower Upper

139 100

109 28.0 23.3 34.9

65 50.2 39.8 59.8

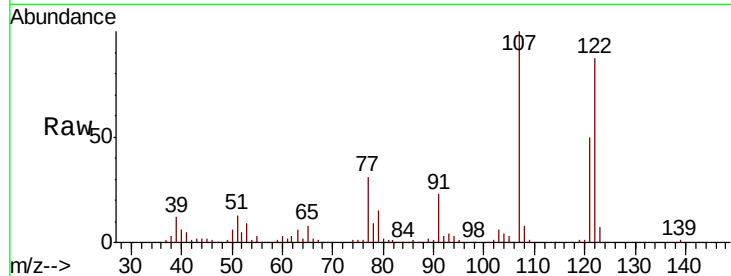




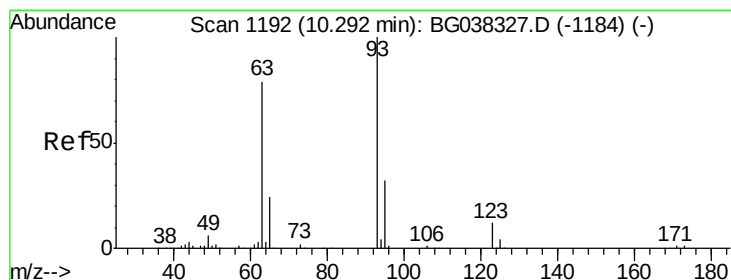
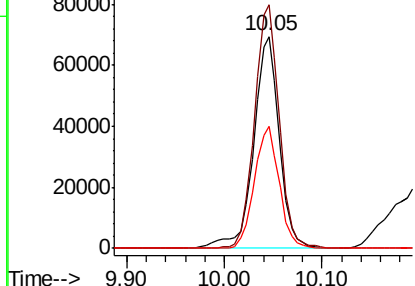
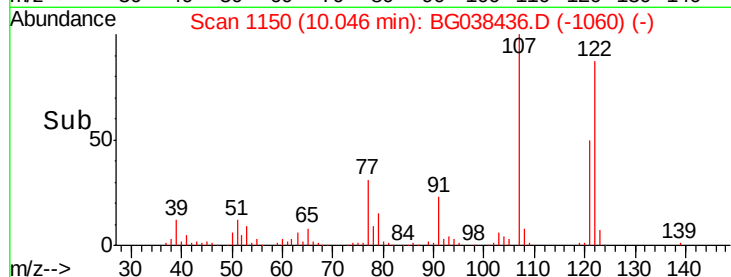
#27
2,4-Dimethylphenol
Concen: 67.680 ng
RT: 10.05 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 128495
Ion Ratio Lower Upper
122 100
107 114.8 94.2 141.2
121 57.6 47.3 70.9

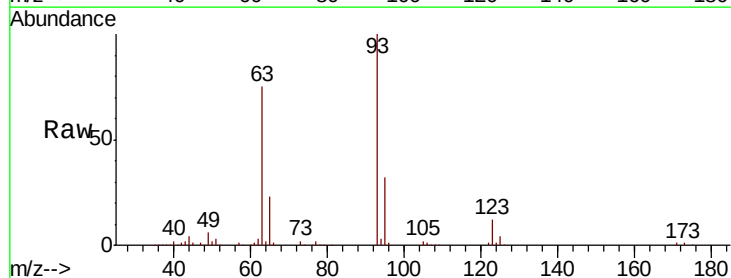


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

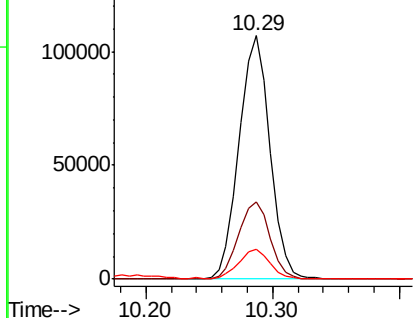
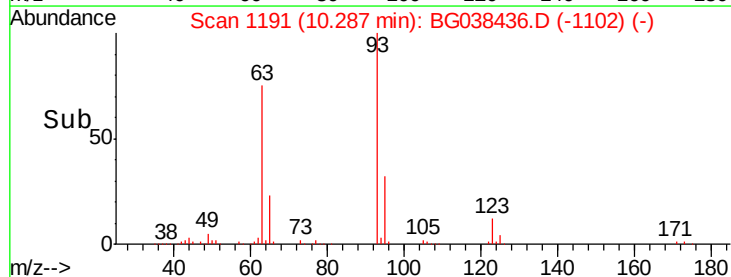


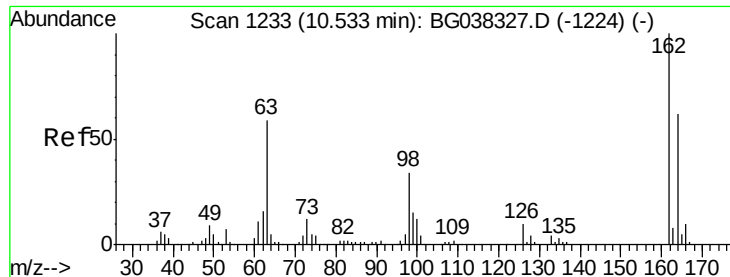
#28
bis(2-Chloroethoxy)methane
Concen: 63.934 ng
RT: 10.29 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion: 93 Resp: 180857
Ion Ratio Lower Upper
93 100
95 31.6 24.6 37.0
123 12.0 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: 44.607 ng

RT: 10.53 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

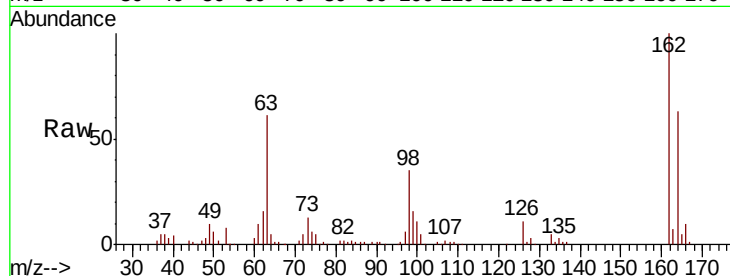
Tot Ion:162 Resp: 96674

Ion Ratio Lower Upper

162 100

164 63.2 43.2 83.2

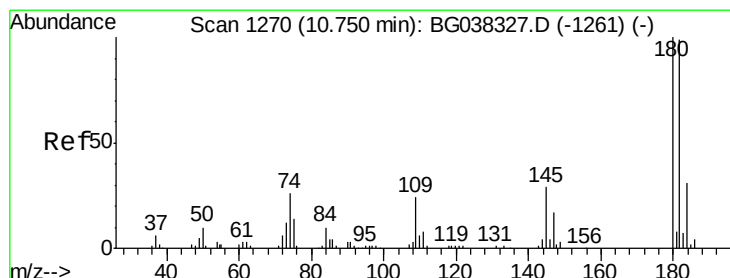
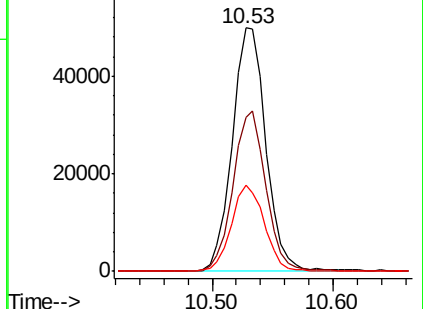
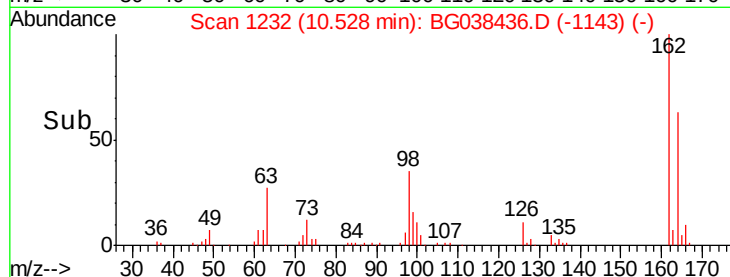
98 35.4 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.978 ng

RT: 10.75 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

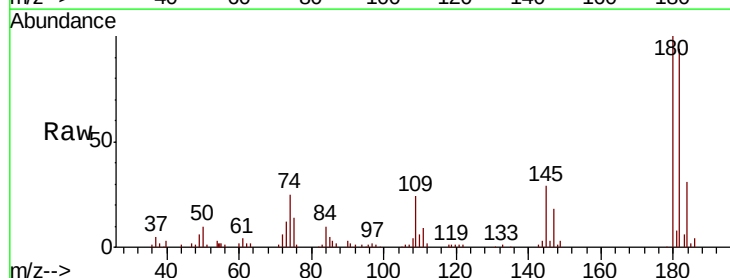
Tgt Ion:180 Resp: 101708

Ion Ratio Lower Upper

180 100

182 94.0 77.7 116.5

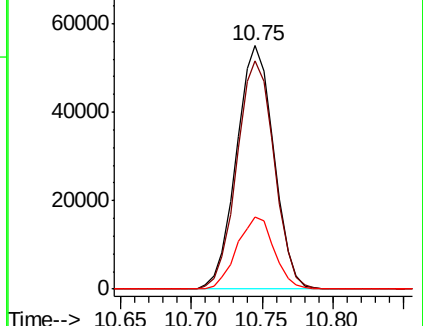
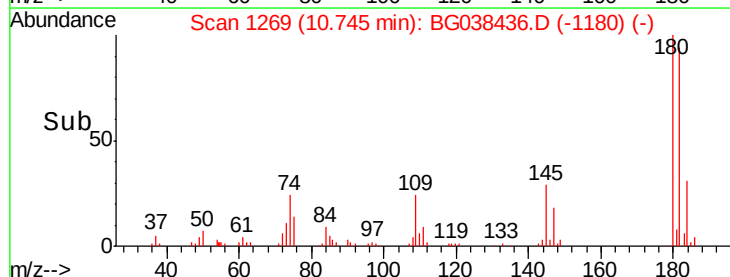
145 29.4 23.3 34.9

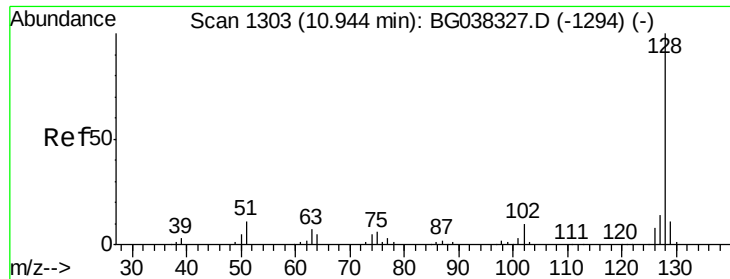


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

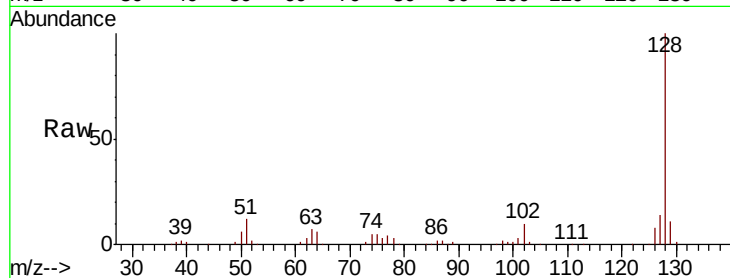




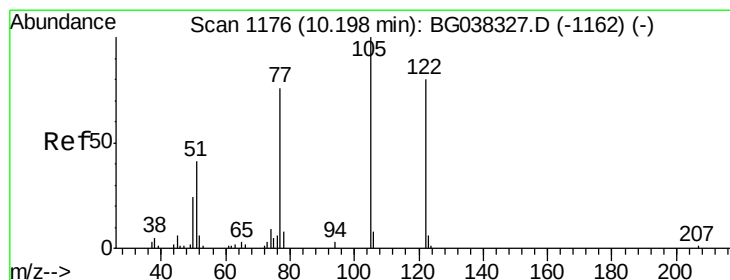
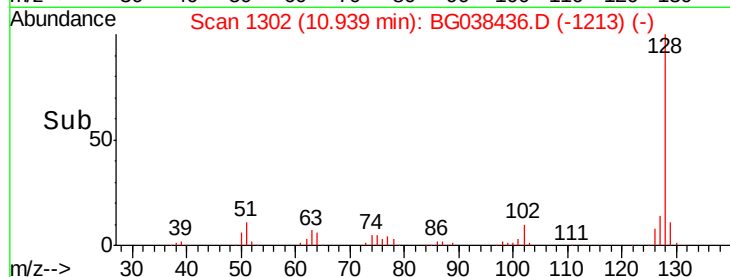
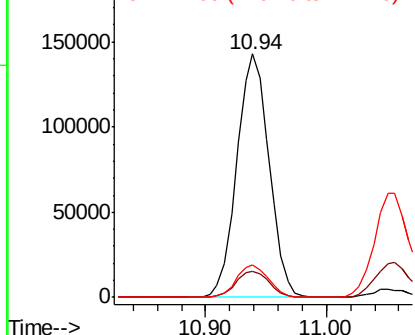
#31
Naphthalene
Concen: 39.906 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 265732
Ion Ratio Lower Upper
128 100
129 10.7 9.0 13.6
127 13.5 11.1 16.7

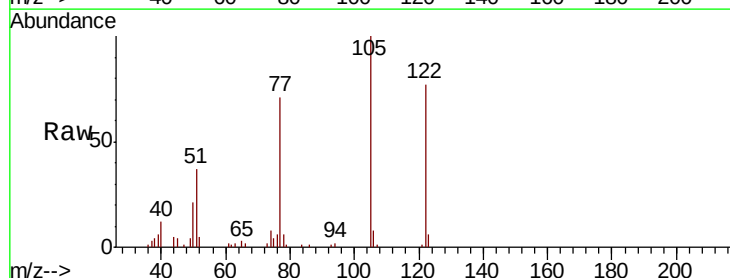


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

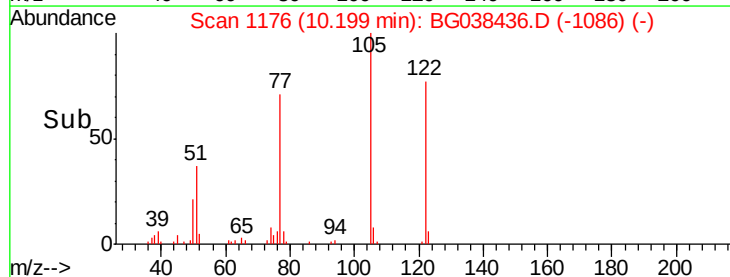
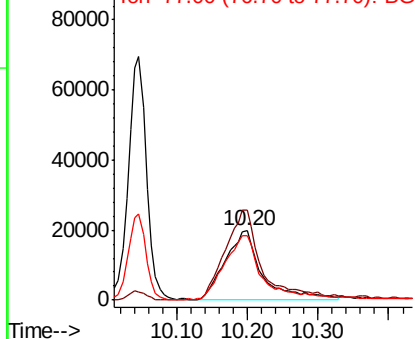


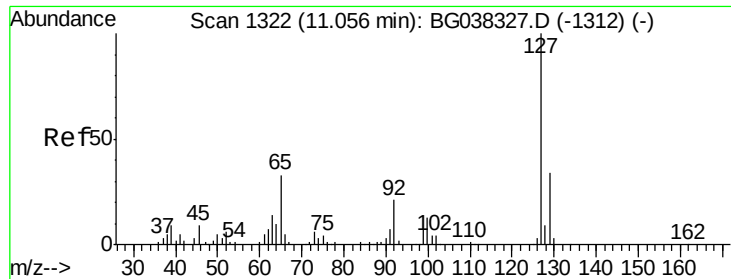
#32
Benzoic acid
Concen: 53.910 ng
RT: 10.20 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:122 Resp: 73537
Ion Ratio Lower Upper
122 100
105 130.4 106.7 146.7
77 92.3 72.2 112.2



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

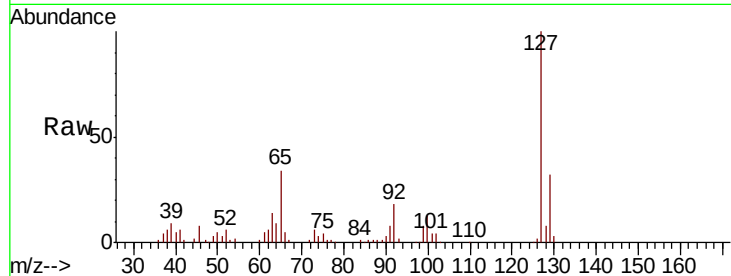




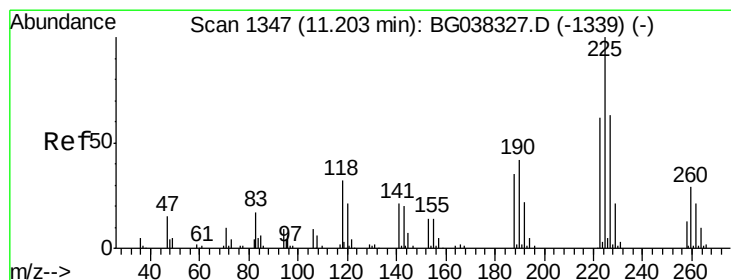
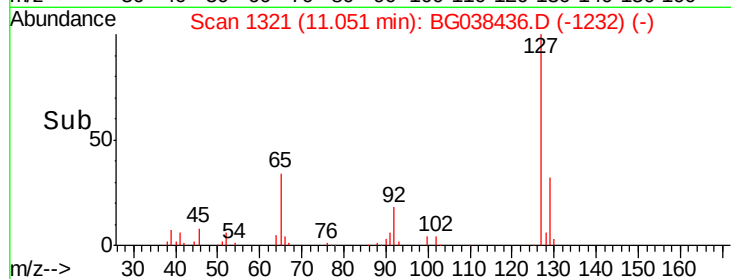
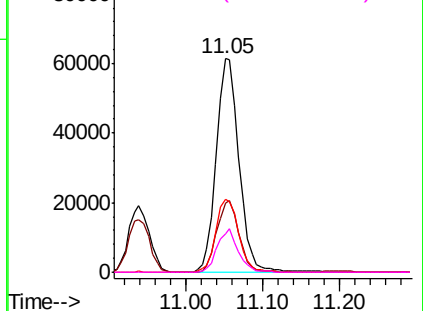
#33
4-Chloroaniline
Concen: 42.496 ng
RT: 11.05 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	125272
Ion	Ratio	Lower	Upper
127	100		
129	32.4	27.1	40.7
65	34.1	26.6	39.8
92	18.0	16.4	24.6

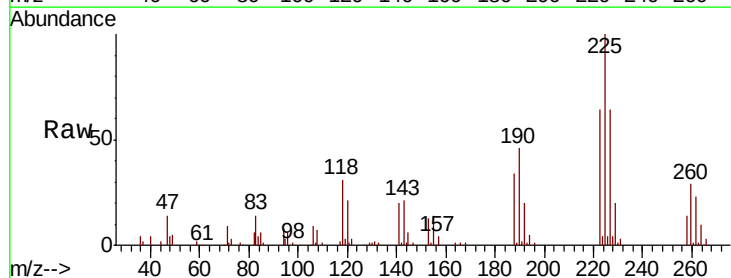


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

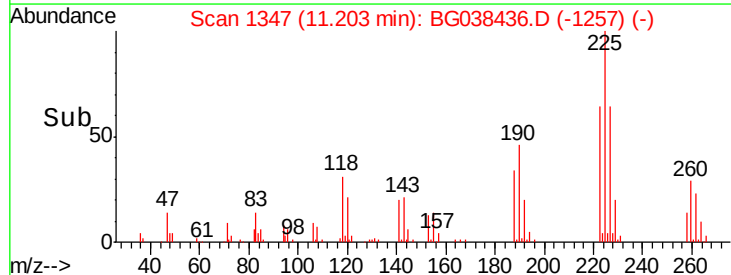
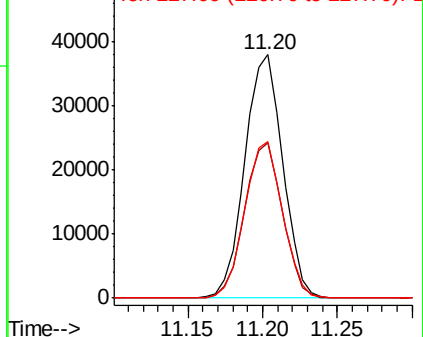


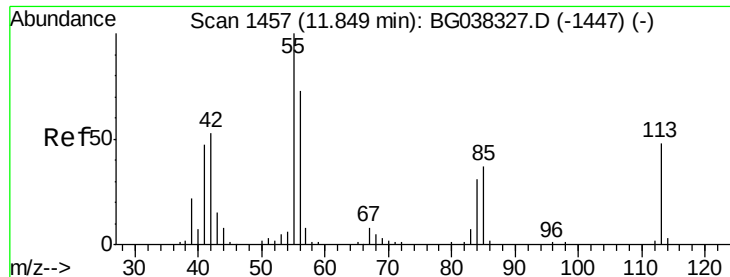
#34
Hexachlorobutadiene
Concen: 42.010 ng
RT: 11.20 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:	225	Resp:	66863
Ion	Ratio	Lower	Upper
225	100		
223	64.0	48.2	72.4
227	67.9	51.6	77.4



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

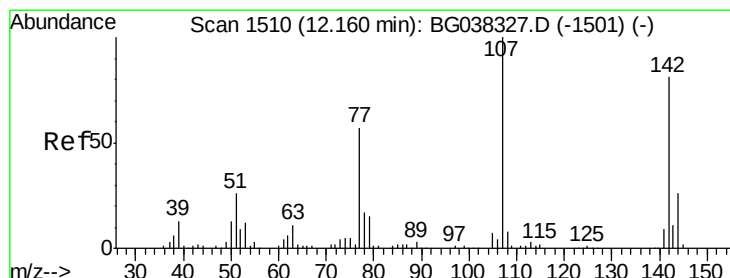
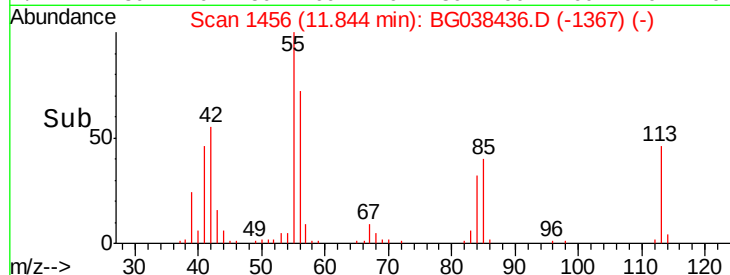
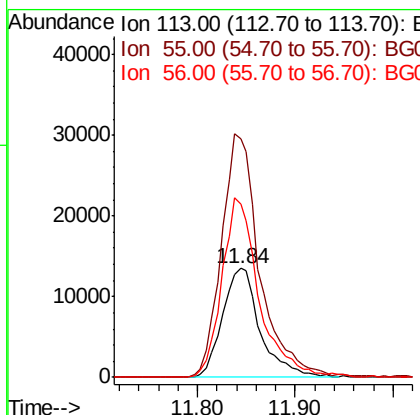
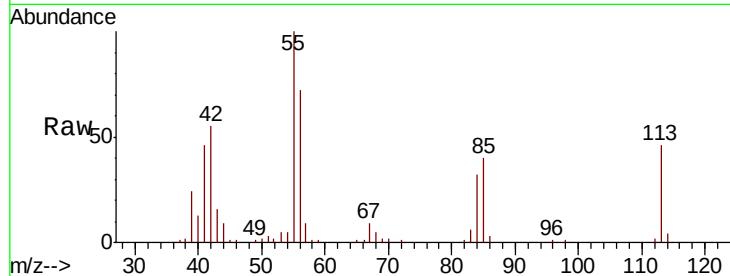




#35
 Caprolactam
 Concen: 40.335 ng
 RT: 11.84 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

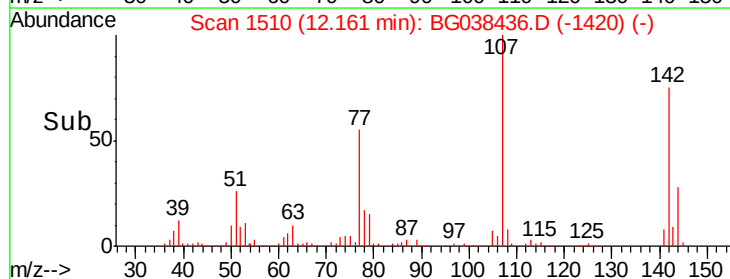
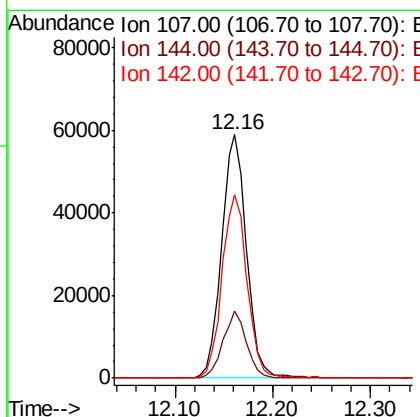
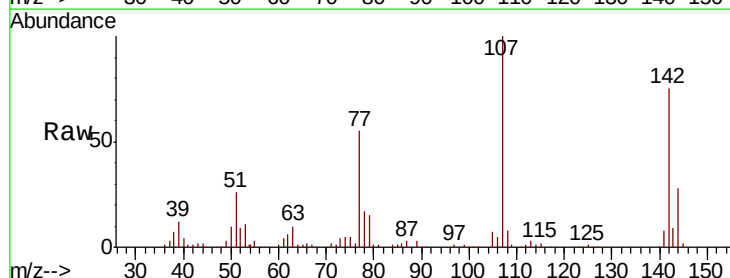
Instrument :
 BNA_G
 ClientSampleId :

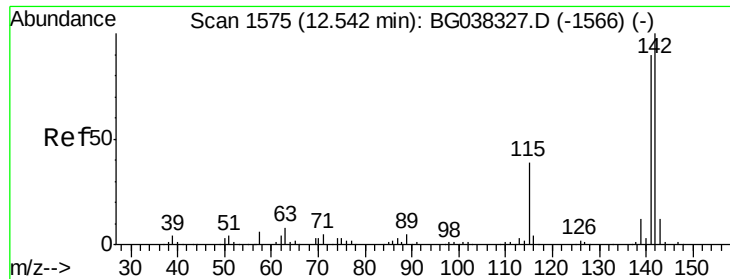
Tot Ion:113 Resp: 36149
 Ion Ratio Lower Upper
 113 100
 55 219.5 176.6 216.6#
 56 158.6 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.123 ng
 RT: 12.16 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:107 Resp: 103837
 Ion Ratio Lower Upper
 107 100
 144 27.7 20.7 31.1
 142 75.4 64.4 96.6

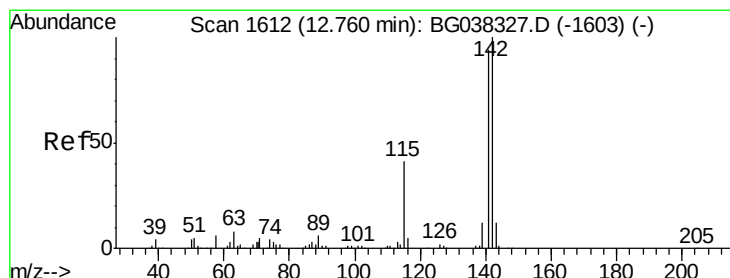
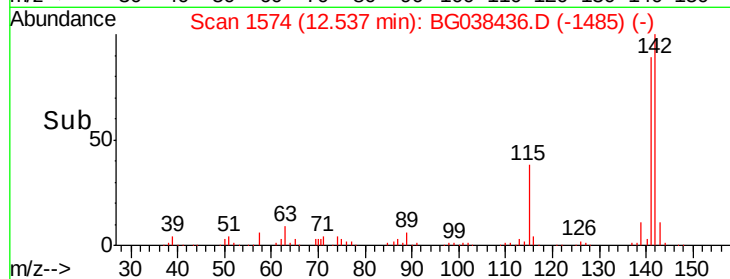
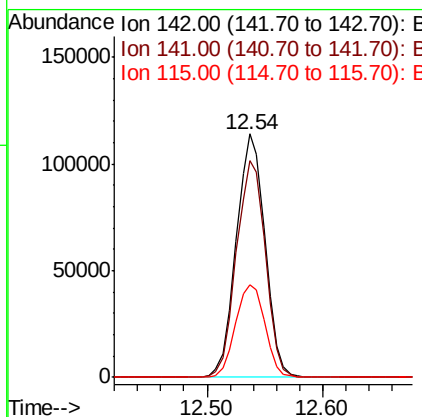
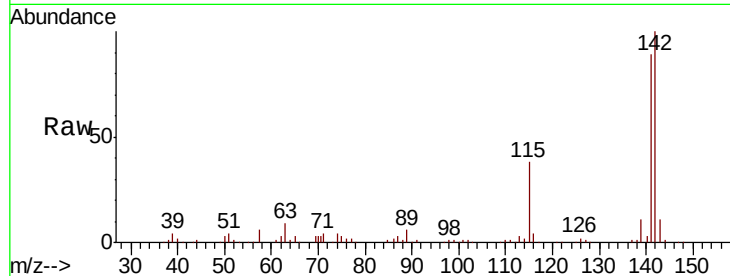




#37
 2-Methylnaphthalene
 Concen: 41.333 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

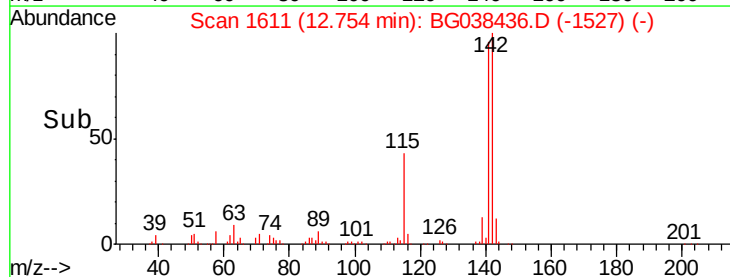
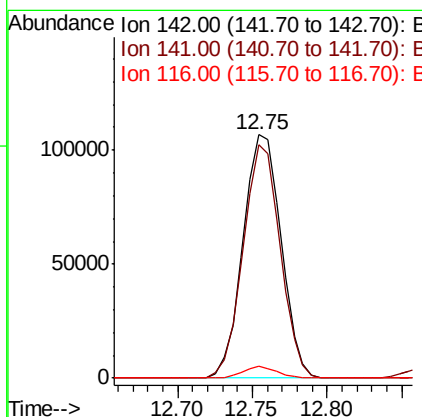
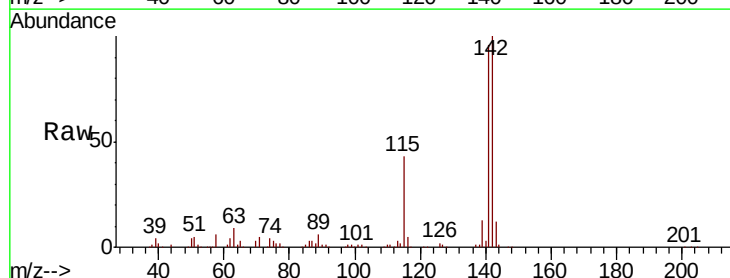
Instrument :
 BNA_G
 ClientSampled :

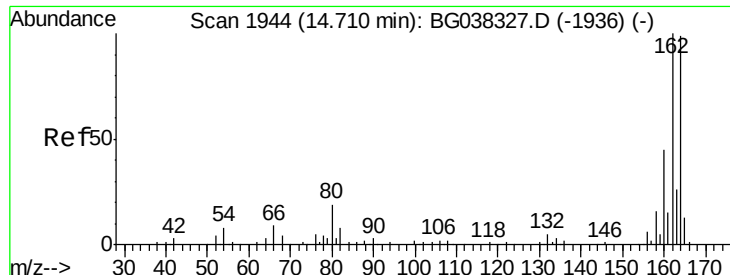
Tot Ion:142 Resp: 196011
 Ion Ratio Lower Upper
 142 100
 141 89.2 71.9 107.9
 115 38.2 27.8 41.8



#38
 1-Methylnaphthalene
 Concen: 41.510 ng
 RT: 12.75 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:142 Resp: 188539
 Ion Ratio Lower Upper
 142 100
 141 96.0 75.2 112.8
 116 4.8 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

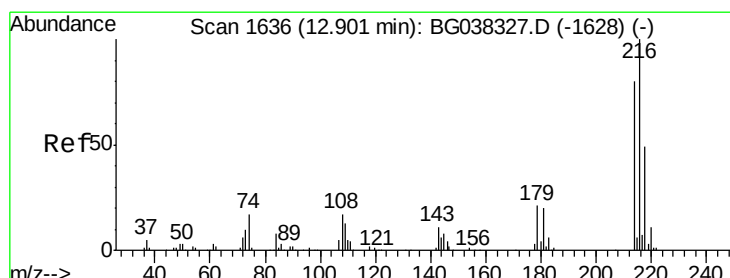
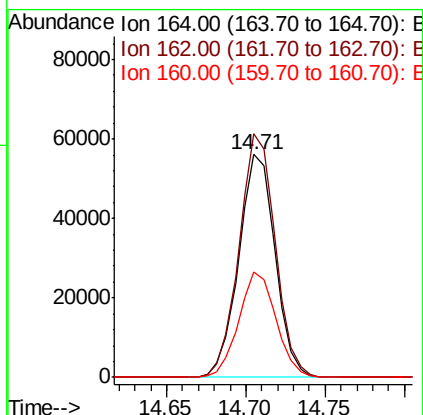
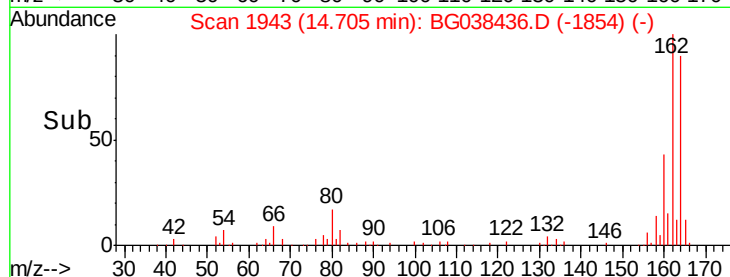
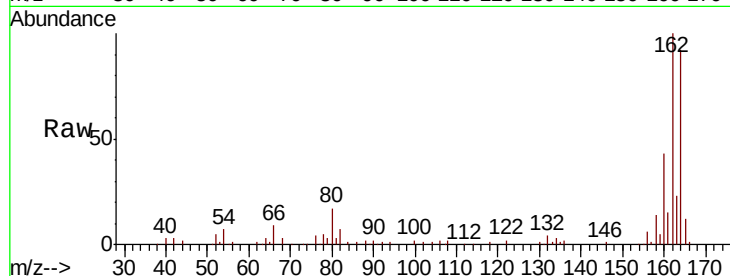
Tot Ion:164 Resp: 89260

Ion Ratio Lower Upper

164 100

162 109.2 81.3 121.9

160 47.4 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.788 ng

RT: 12.90 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Tgt Ion:216 Resp: 128350

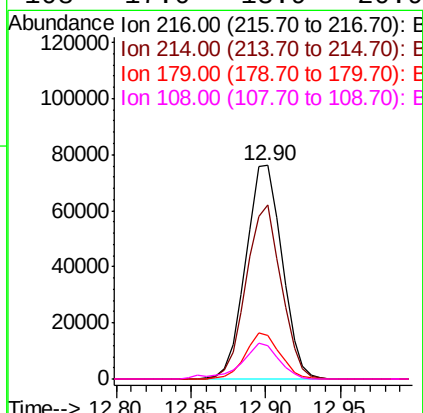
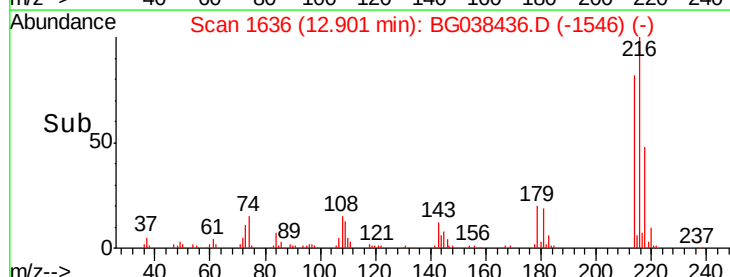
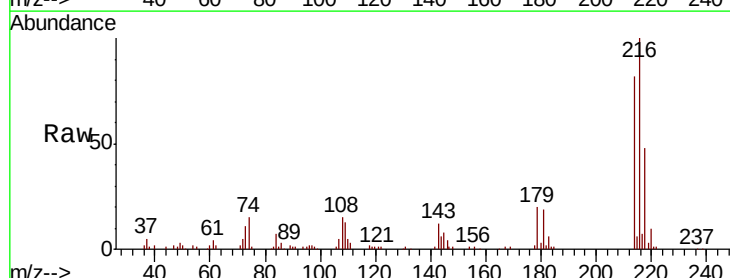
Ion Ratio Lower Upper

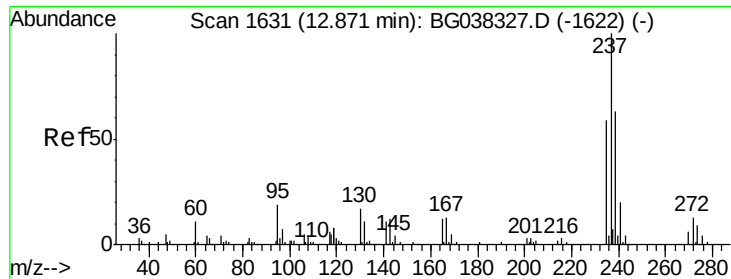
216 100

214 78.6 63.8 95.6

179 20.7 17.4 26.0

108 17.0 13.9 20.9

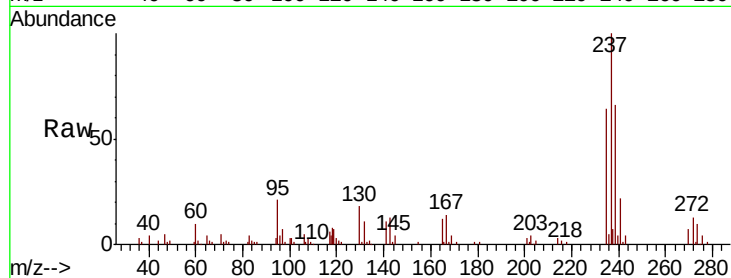




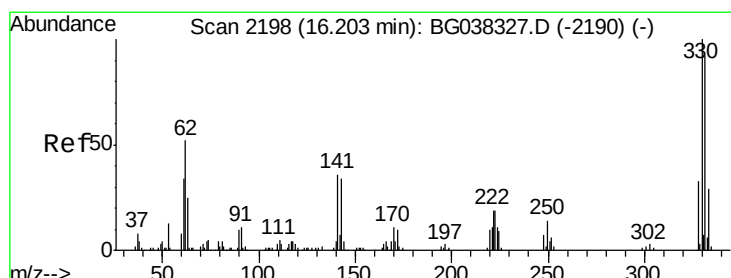
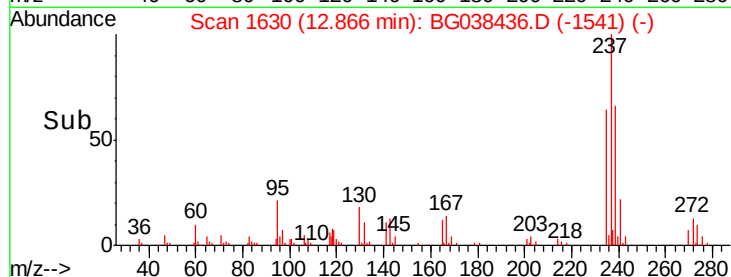
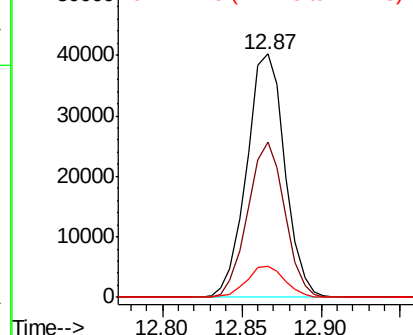
#41
Hexachlorocyclopentadiene
Concen: 39.719 ng
RT: 12.87 min Scan# 1630
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampled :

Tot Ion:237 Resp: 67040
Ion Ratio Lower Upper
237 100
235 63.8 42.5 82.5
272 12.8 0.0 31.6

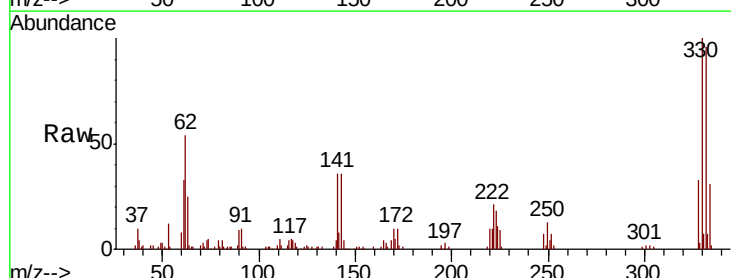


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

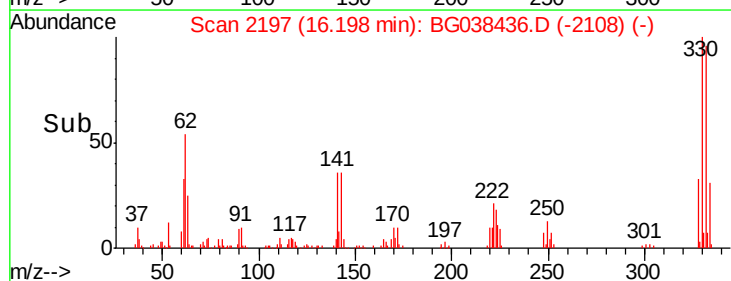
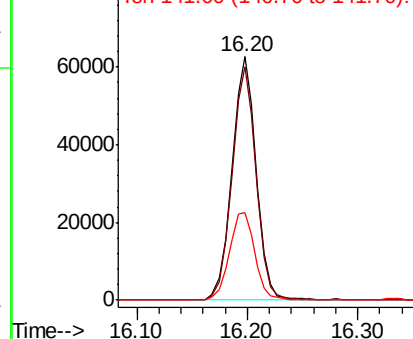


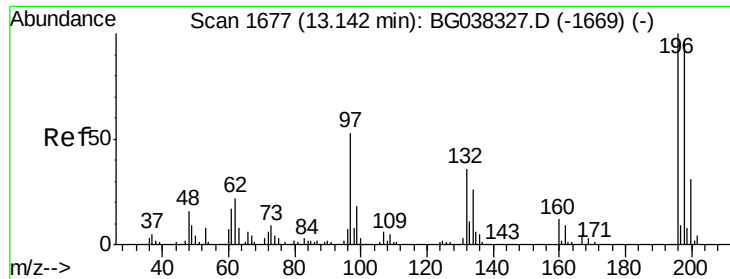
#42
2,4,6-Tribromophenol
Concen: 87.528 ng
RT: 16.20 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:330 Resp: 95911
Ion Ratio Lower Upper
330 100
332 95.5 78.4 117.6
141 37.9 32.2 48.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

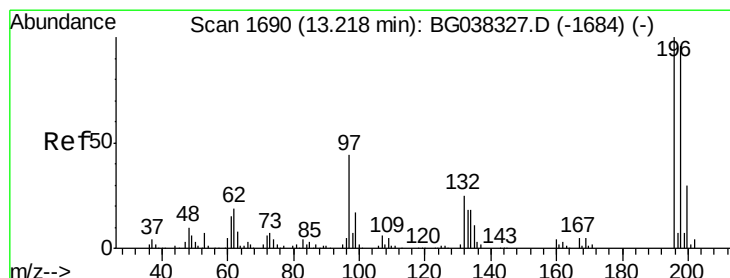
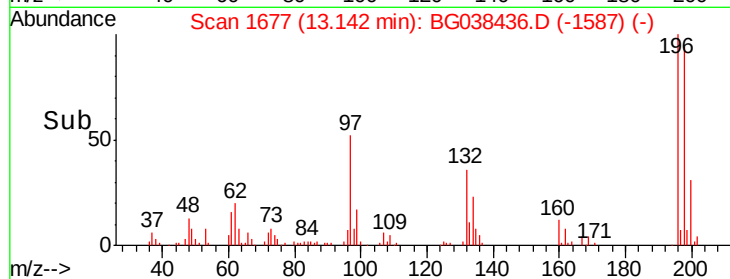
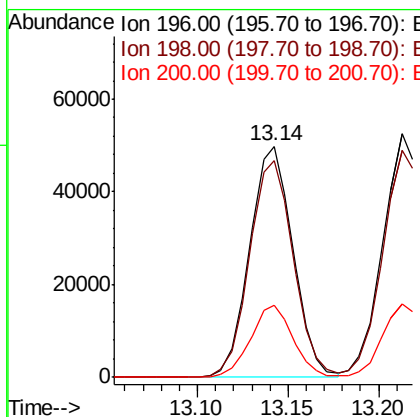
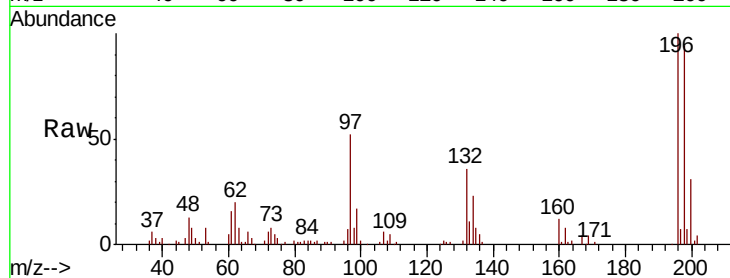




#43
 2,4,6-Trichlorophenol
 Concen: 41.584 ng
 RT: 13.14 min Scan# 1677
 Delta R.T. 0.00 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

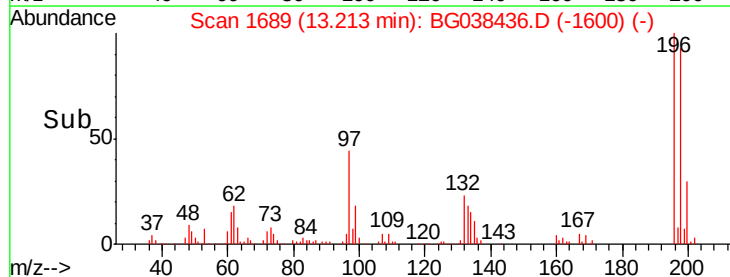
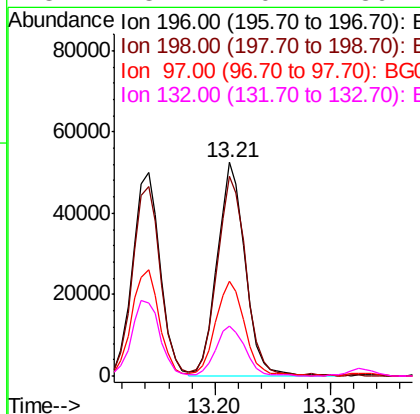
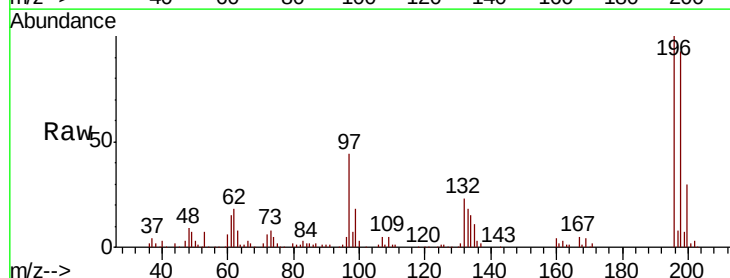
Instrument :
 BNA_G
 ClientSampleId :

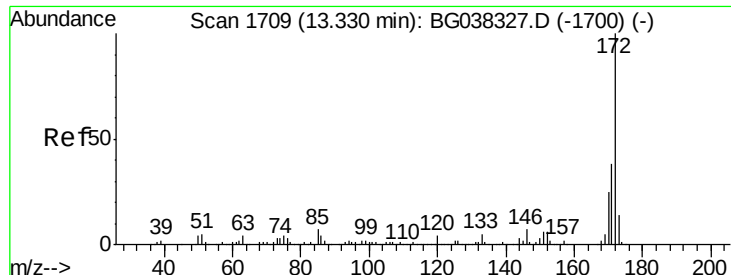
Tot Ion:196 Resp: 82738
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.4 114.6
 200 31.3 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.427 ng
 RT: 13.21 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:196 Resp: 87318
 Ion Ratio Lower Upper
 196 100
 198 93.3 74.2 111.2
 97 44.5 34.1 51.1
 132 23.2 20.2 30.4

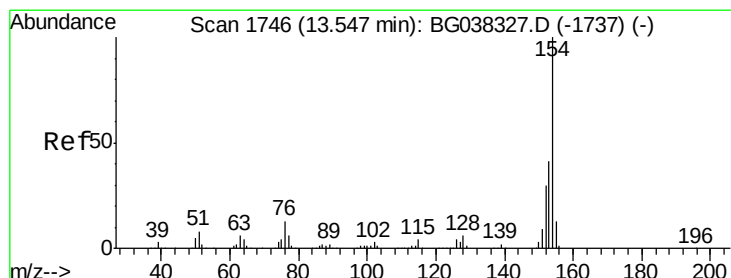
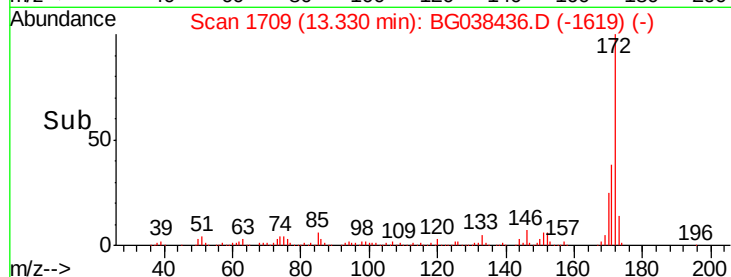
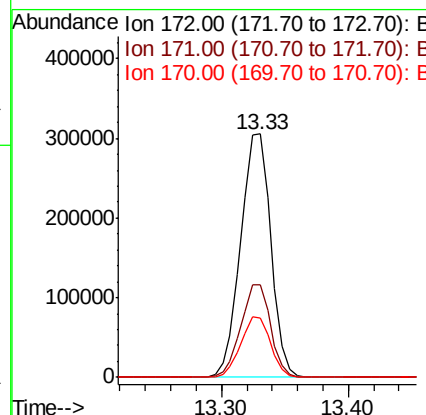
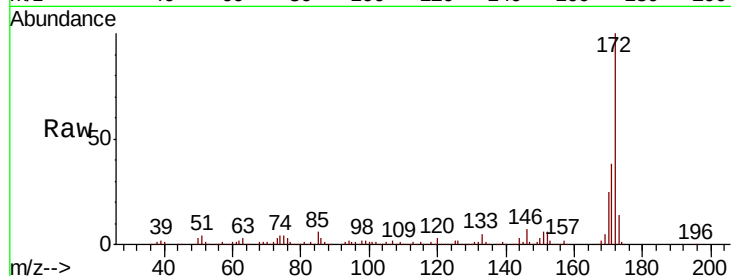




#45
2-Fluorobiphenyl
Concen: 80.531 ng
RT: 13.33 min Scan# 1709
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

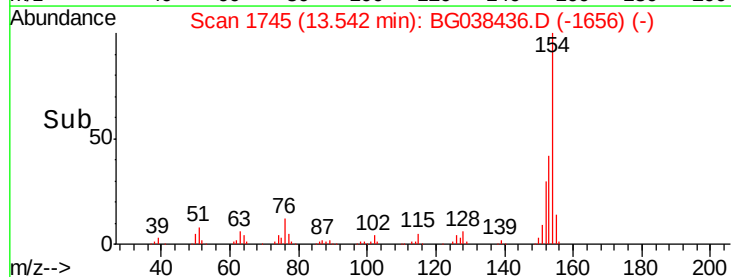
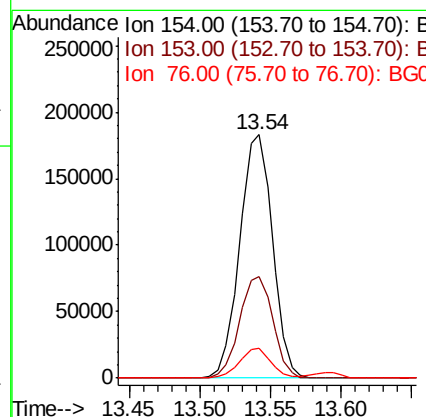
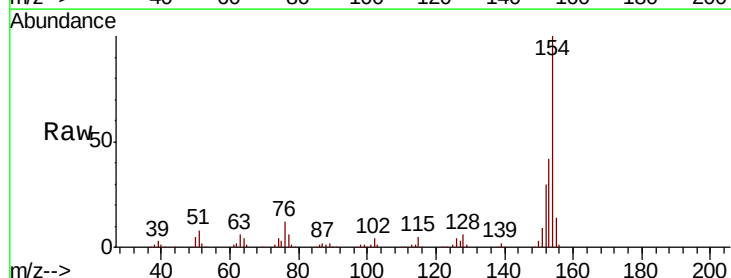
Instrument :
BNA_G
ClientSampleId :

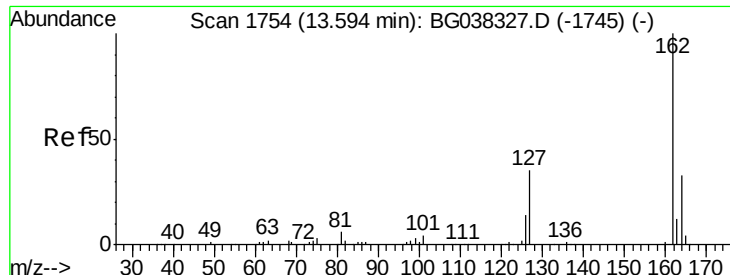
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	31.0	46.4
170	24.5	20.2	30.2



#46
1,1'-Biphenyl
Concen: 39.384 ng
RT: 13.54 min Scan# 1745
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.9	22.1	62.1
76	12.3	0.0	33.2

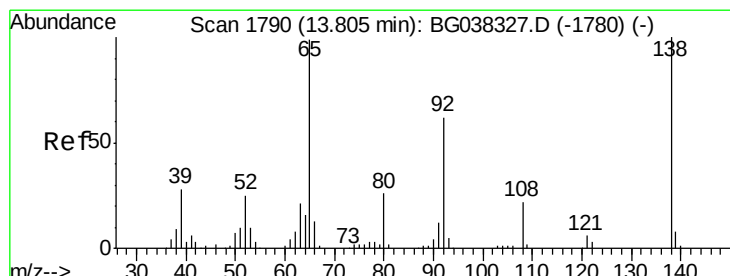
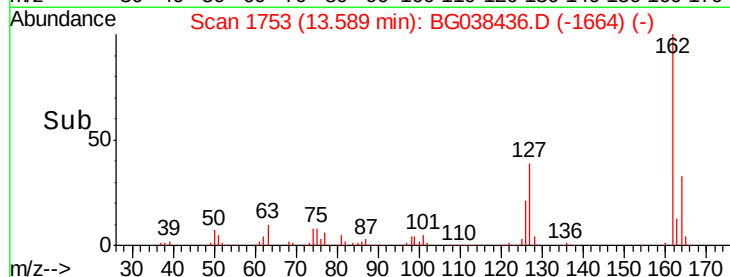
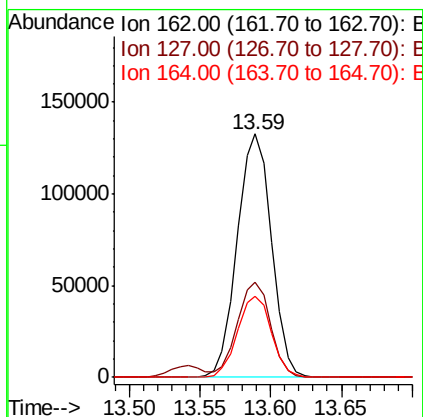
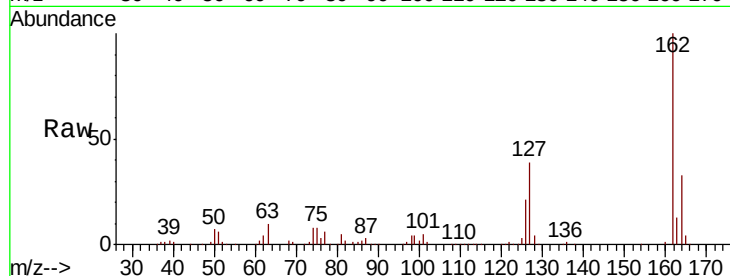




#47
 2-Chloronaphthalene
 Concen: 39.508 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

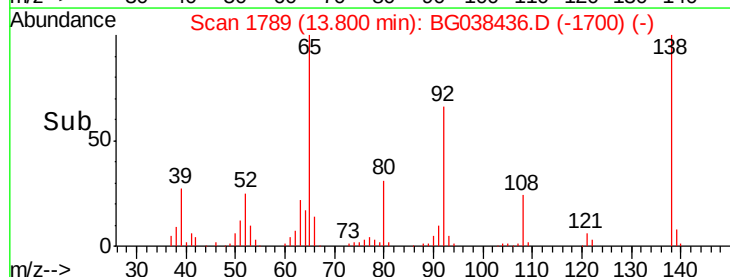
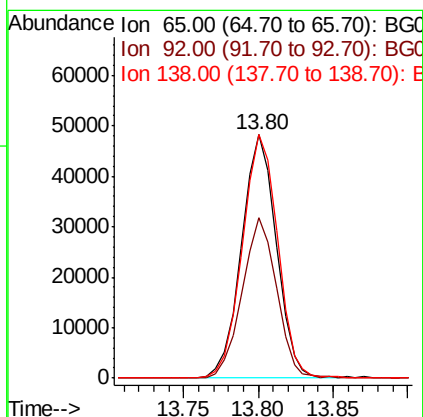
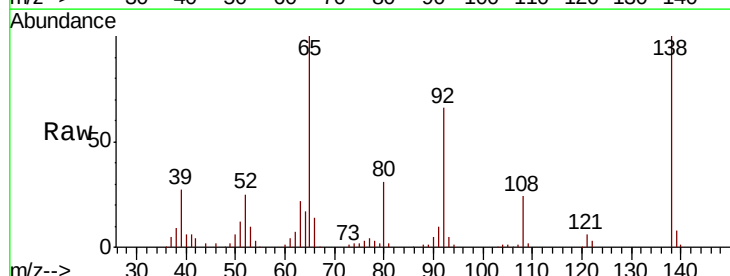
Instrument :
 BNA_G
 ClientSampleId :

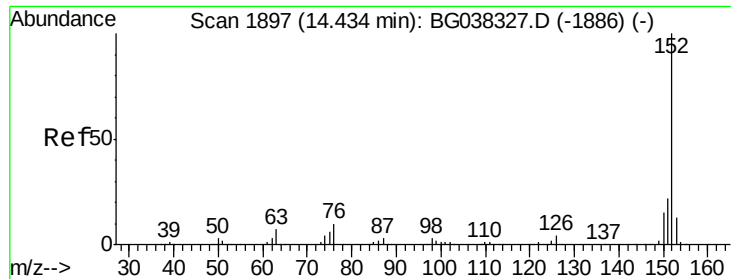
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.2	30.5	45.7
164	33.5	26.4	39.6



#48
 2-Nitroaniline
 Concen: 40.791 ng
 RT: 13.80 min Scan# 1789
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.1	53.2	79.8
138	100.0	79.3	118.9





#49

Acenaphthylene

Concen: 40.435 ng

RT: 14.43 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

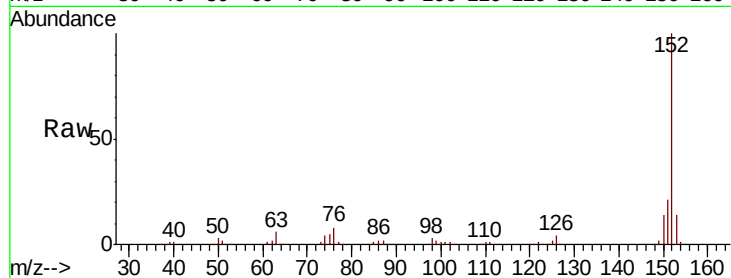
Tot Ion:152 Resp: 346721

Ion Ratio Lower Upper

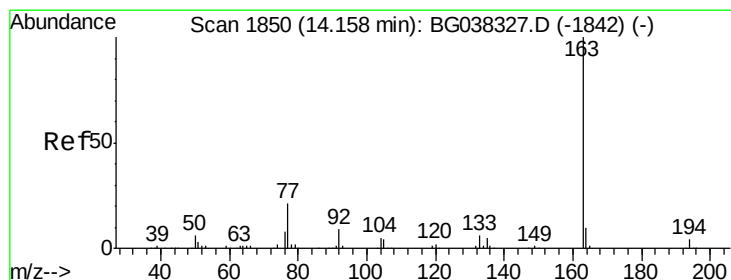
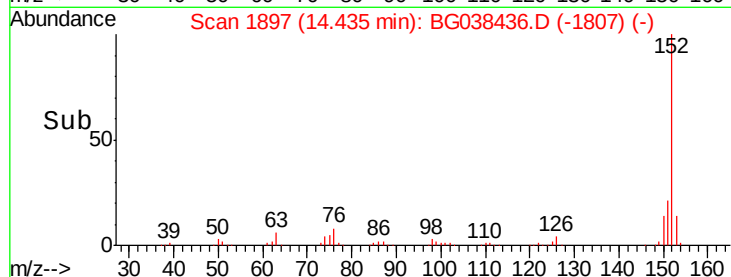
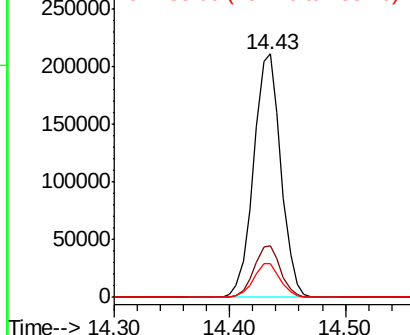
152 100

151 21.2 17.1 25.7

153 14.0 11.1 16.7



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



#50

Dimethylphthalate

Concen: 40.949 ng

RT: 14.16 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

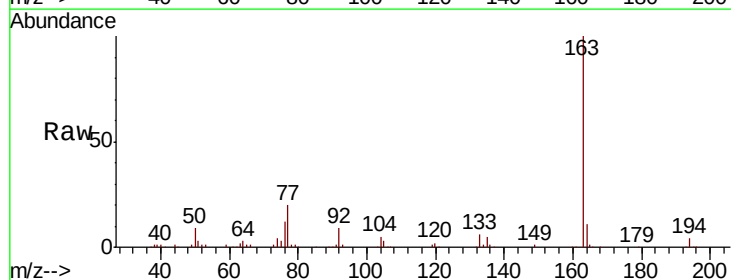
Tgt Ion:163 Resp: 293171

Ion Ratio Lower Upper

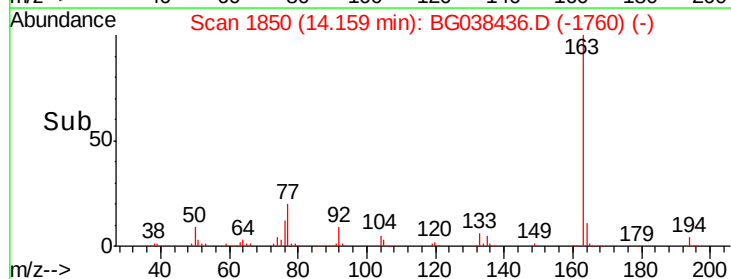
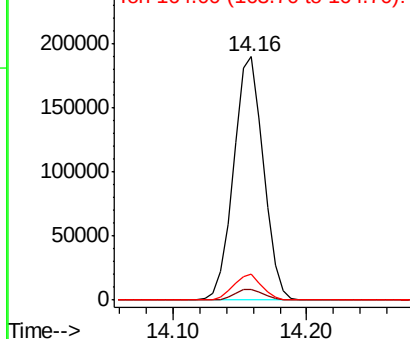
163 100

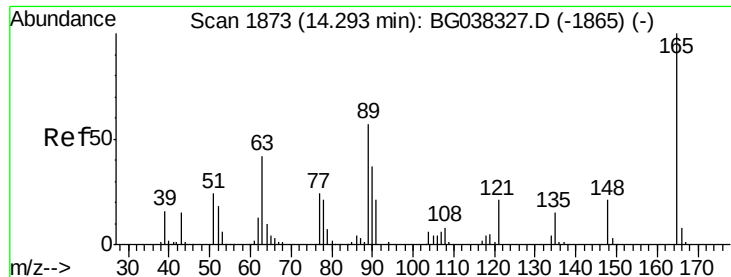
194 4.4 3.5 5.3

164 10.6 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

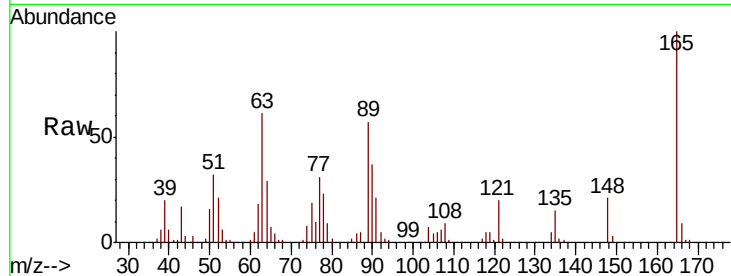




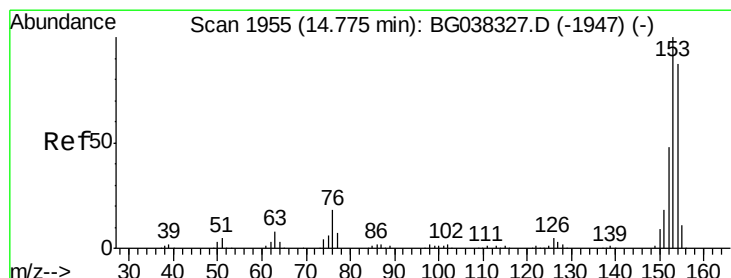
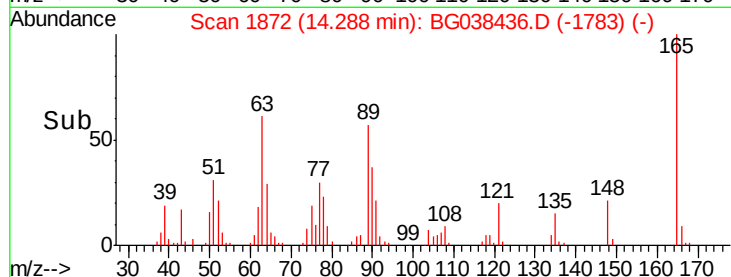
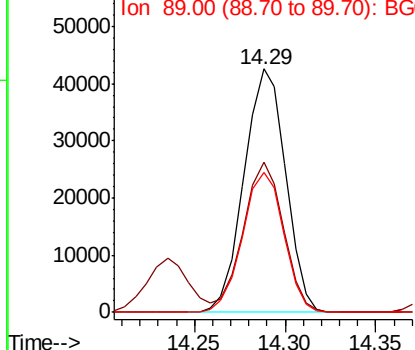
#51
 2,6-Dinitrotoluene
 Concen: 41.462 ng
 RT: 14.29 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 67809
 Ion Ratio Lower Upper
 165 100
 63 61.5 43.4 65.2
 89 57.3 45.8 68.6

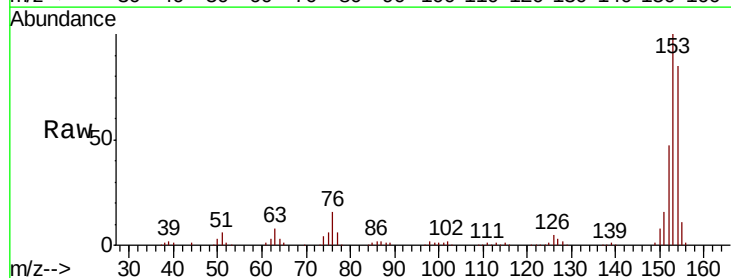


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

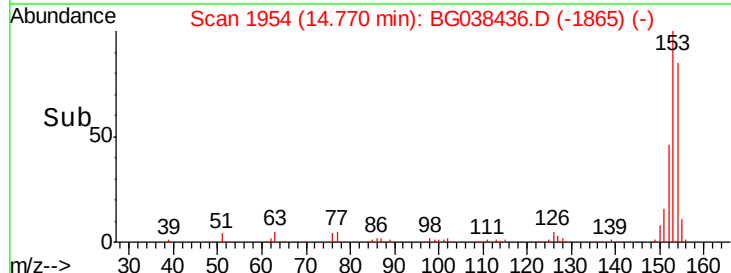
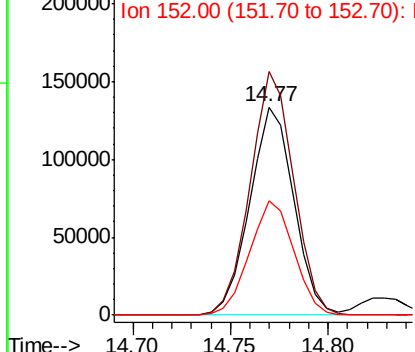


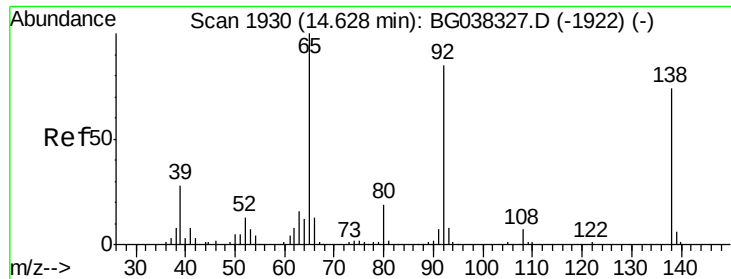
#52
 Acenaphthene
 Concen: 39.835 ng
 RT: 14.77 min Scan# 1954
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:154 Resp: 208234
 Ion Ratio Lower Upper
 154 100
 153 117.0 93.4 140.0
 152 54.8 44.7 67.1



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





#53

3-Nitroaniline

Concen: 40.633 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

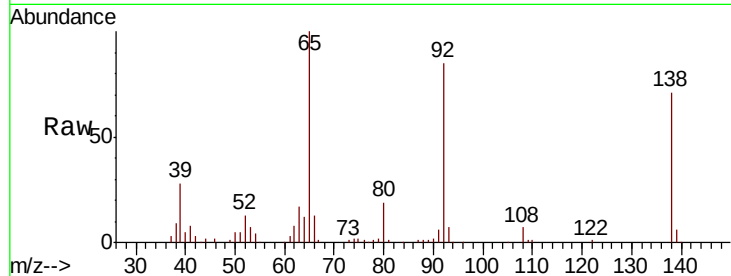
Tot Ion:138 Resp: 71569

Ion Ratio Lower Upper

138 100

108 10.2 11.0 16.6#

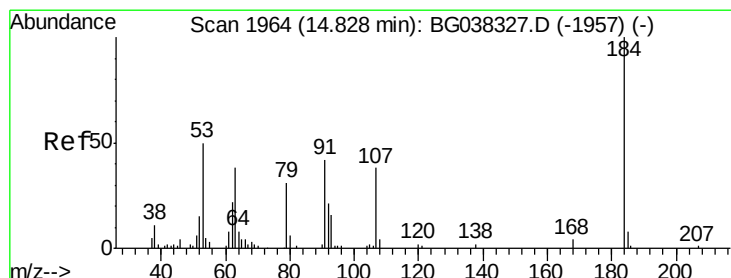
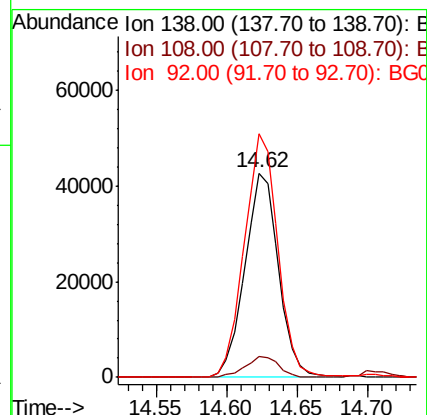
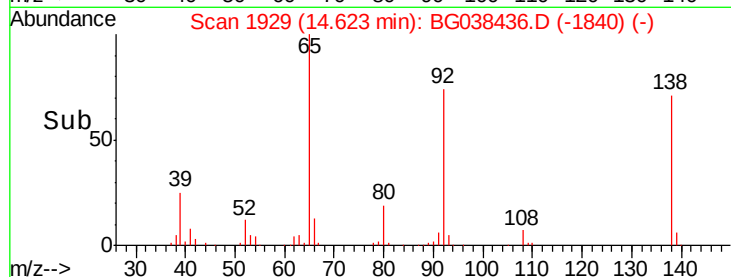
92 119.1 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 36.882 ng

RT: 14.83 min Scan# 1964

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

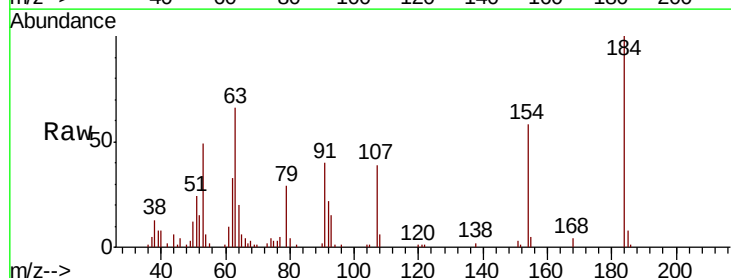
Tgt Ion:184 Resp: 33065

Ion Ratio Lower Upper

184 100

63 66.0 42.6 63.8#

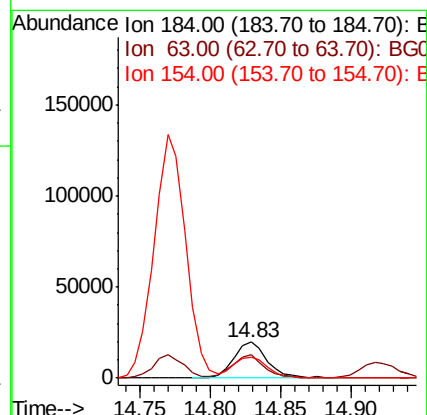
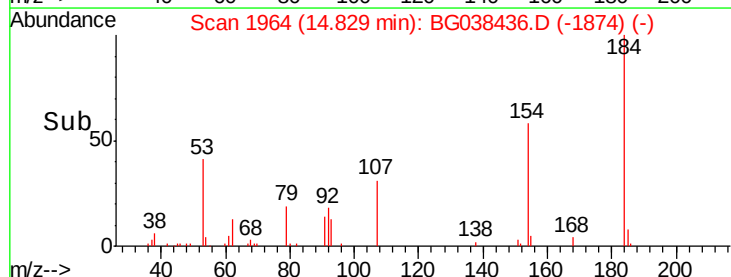
154 57.5 41.8 62.6

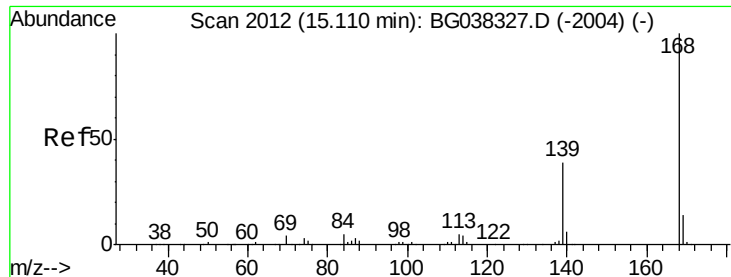


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

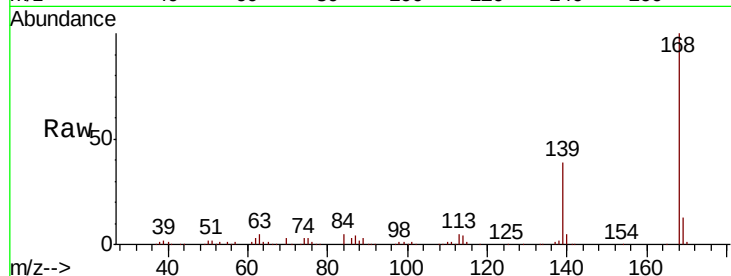




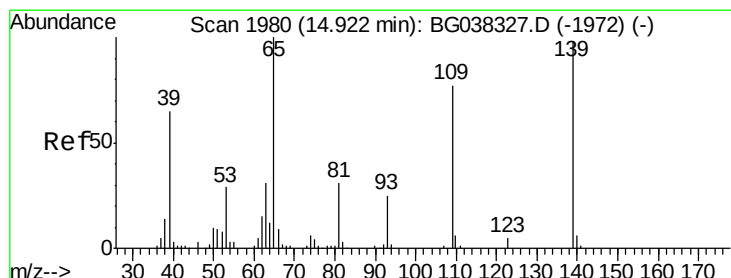
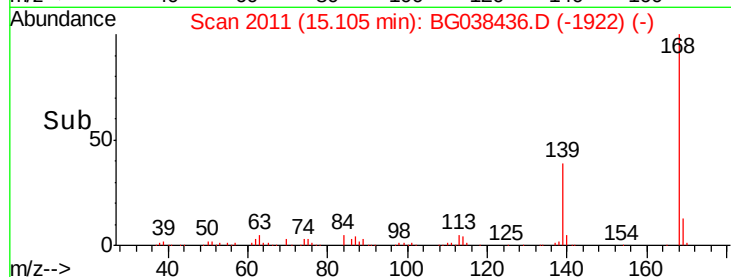
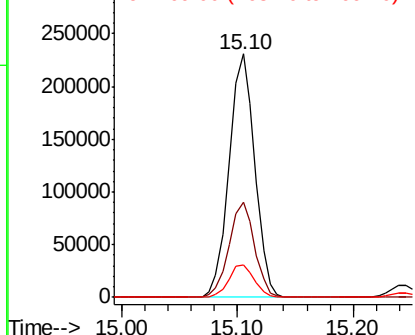
#55
Dibenzofuran
Concen: 41.005 ng
RT: 15.10 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 354368
Ion Ratio Lower Upper
168 100
139 39.0 29.4 44.0
169 13.4 11.0 16.6

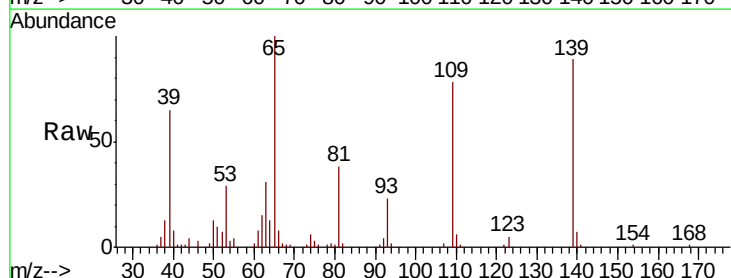


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

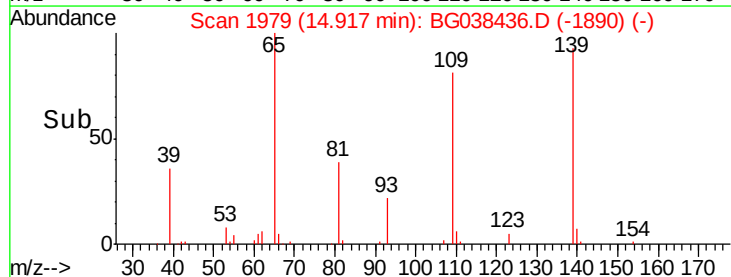
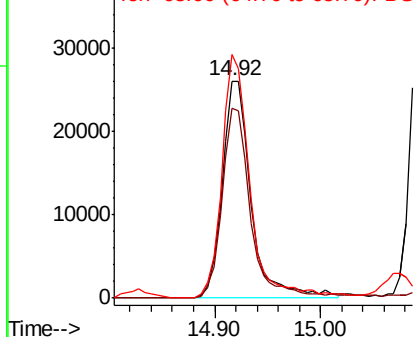


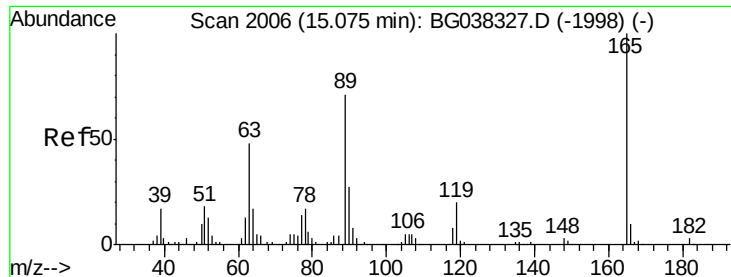
#56
4-Nitrophenol
Concen: 35.459 ng
RT: 14.92 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:139 Resp: 49336
Ion Ratio Lower Upper
139 100
109 87.8 49.5 89.5
65 112.3 76.8 116.8



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

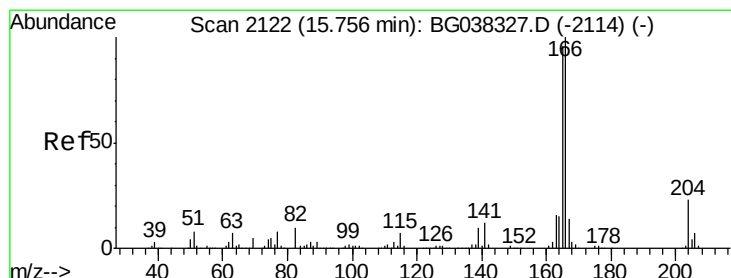
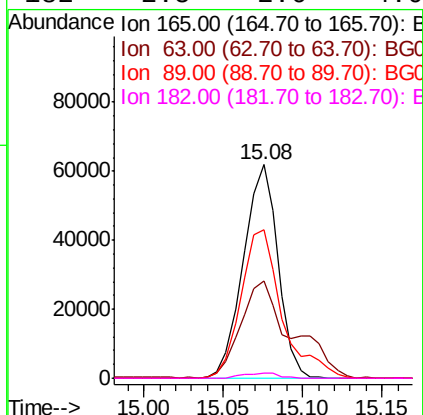
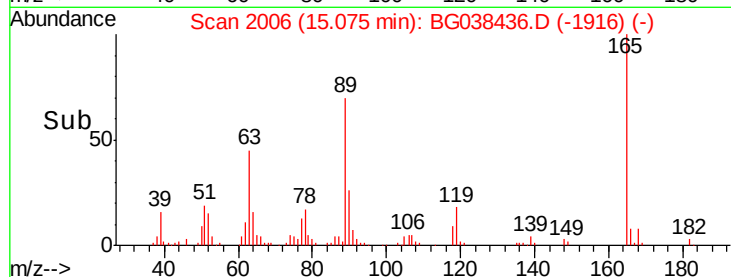
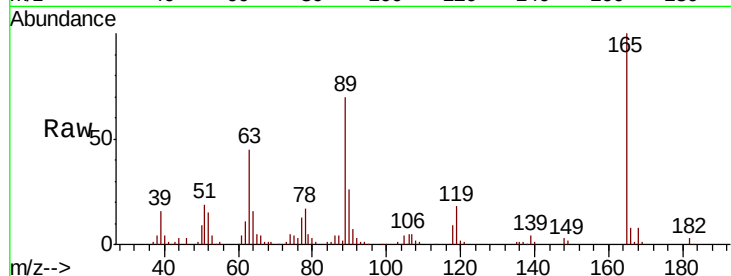




#57
2,4-Dinitrotoluene
Concen: 41.523 ng
RT: 15.08 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

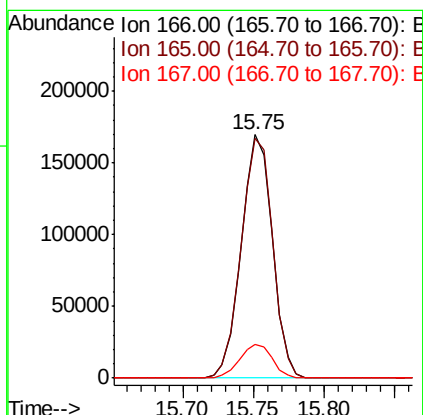
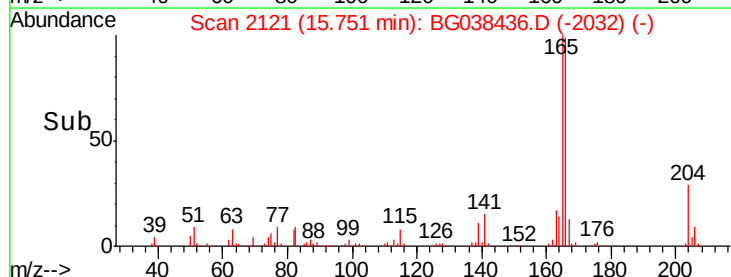
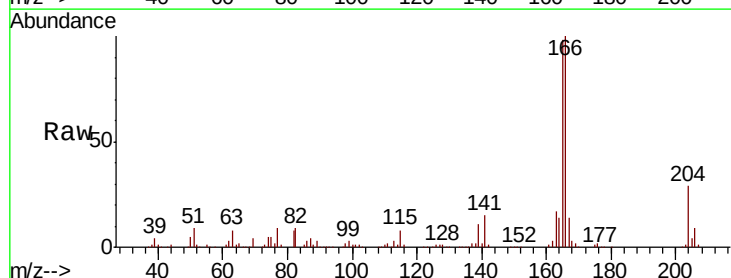
Instrument :
BNA_G
ClientSampleId :

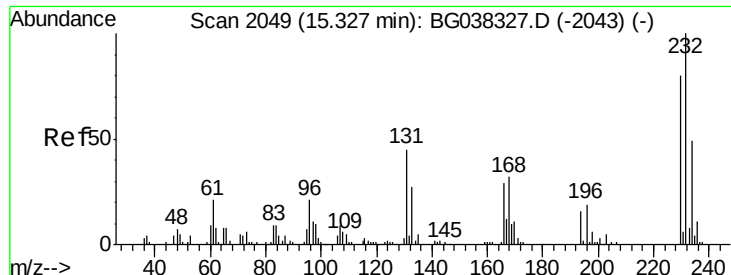
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.3	33.4	50.0
89	69.6	57.2	85.8
182	2.5	2.6	4.0



#58
Fluorene
Concen: 41.138 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.6
167	13.8	11.3	16.9

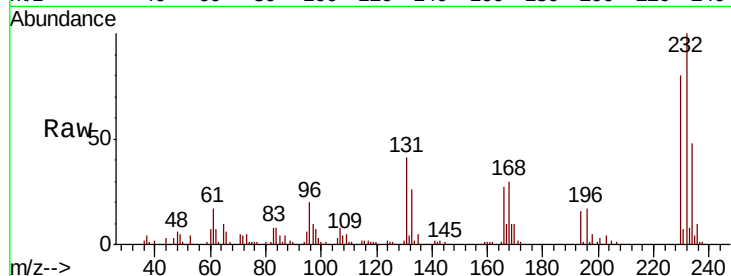




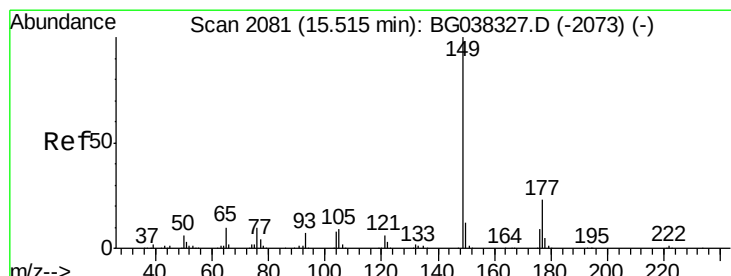
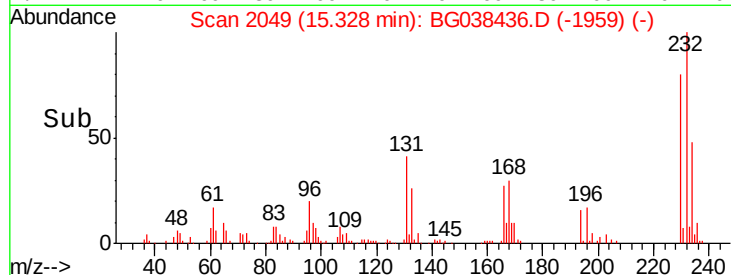
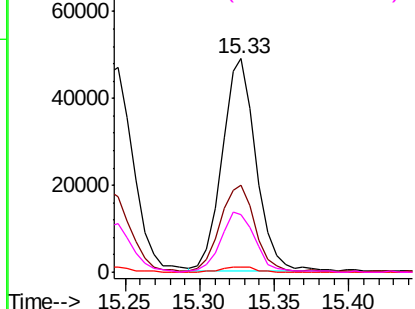
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.258 ng
 RT: 15.33 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	77359
Ion Ratio	Lower	Upper
232	100	
131	43.6	33.7 50.5
130	2.5	2.1 3.1
166	29.1	24.6 36.8

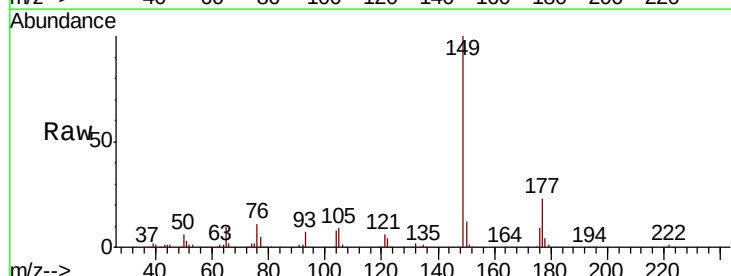


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

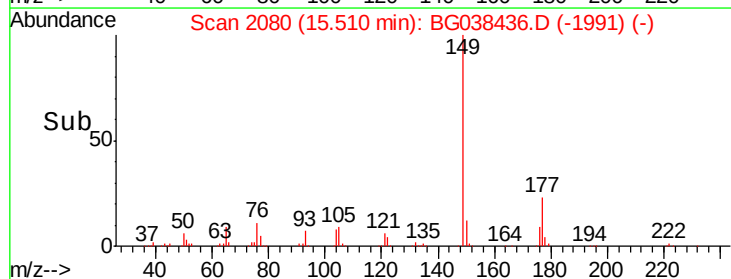
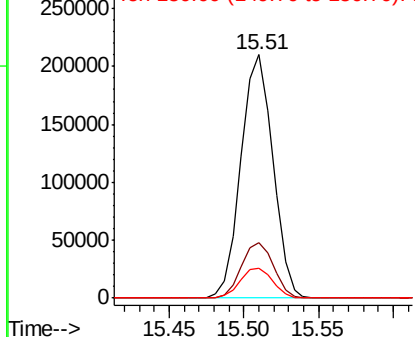


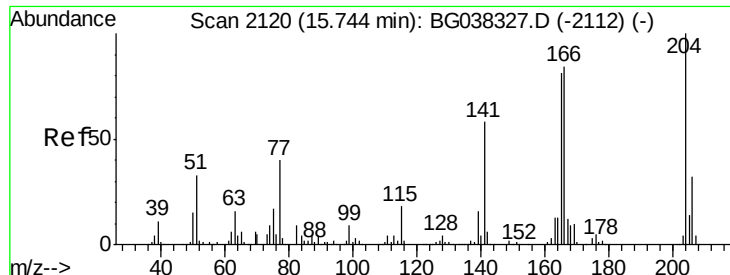
#60
 Diethylphthalate
 Concen: 39.266 ng
 RT: 15.51 min Scan# 2080
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:149	Resp:	311447
Ion Ratio	Lower	Upper
149	100	
177	22.8	18.3 27.5
150	12.3	10.0 15.0



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

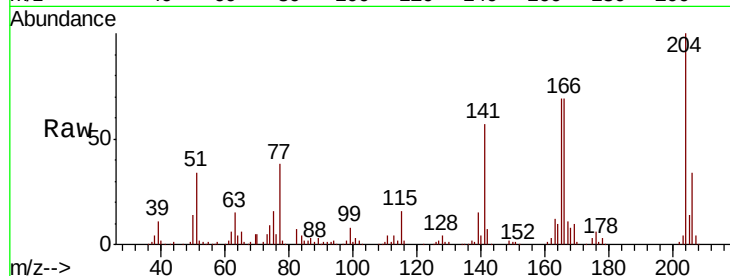




#61
 4-Chlorophenyl-phenylether
 Concen: 41.777 ng
 RT: 15.74 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	26.6	39.8
141	57.2	45.4	68.2

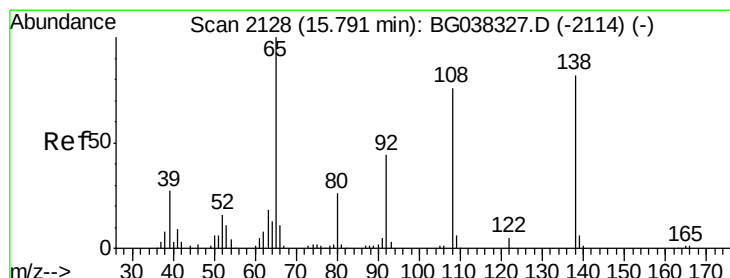
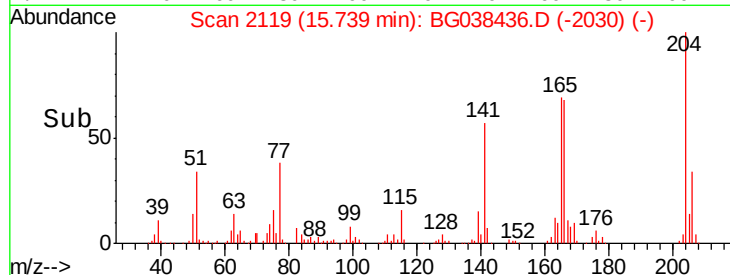
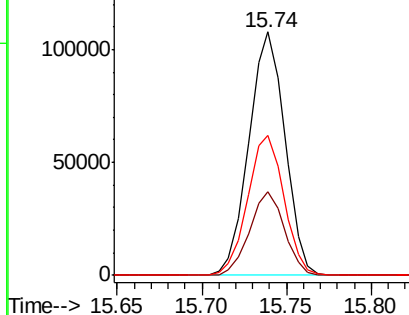


Abundance

Ion 204.00 (203.70 to 204.70): E

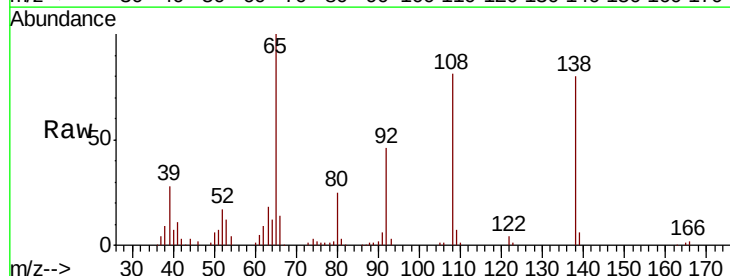
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.346 ng
 RT: 15.79 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.7	36.4	76.4
108	100.9	60.1	100.1#

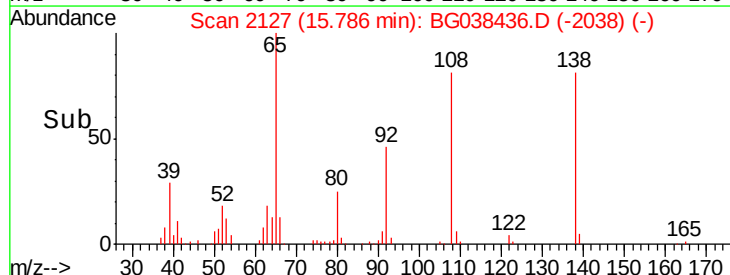
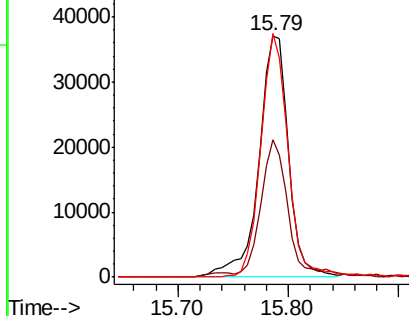


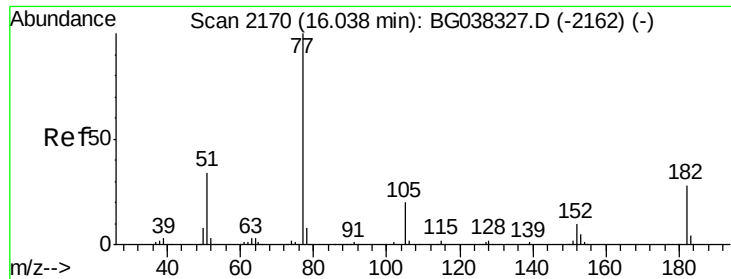
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 39.396 ng

RT: 16.03 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampled :

Tot Ion: 77 Resp: 273476

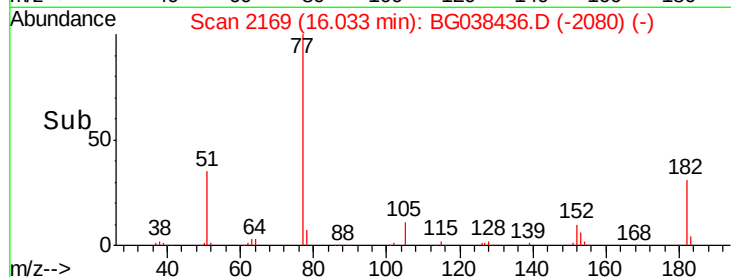
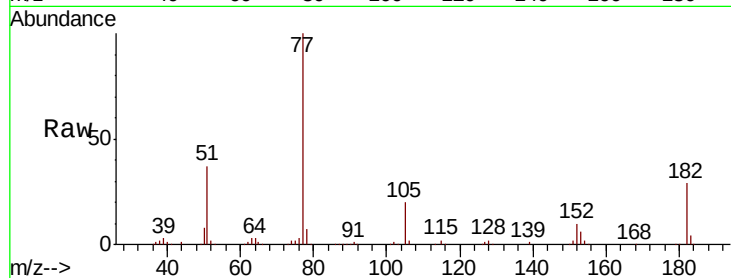
Ion Ratio Lower Upper

77 100

182 29.0 8.0 48.0

105 20.3 1.3 41.3

51 36.9 10.7 50.7

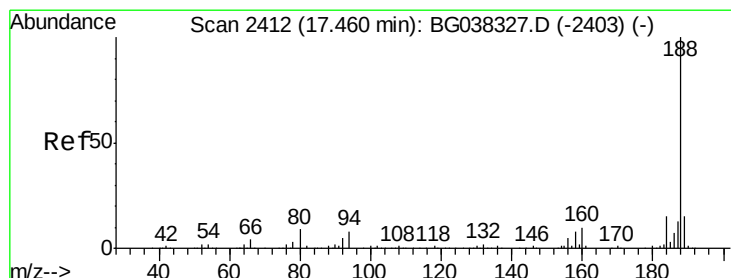
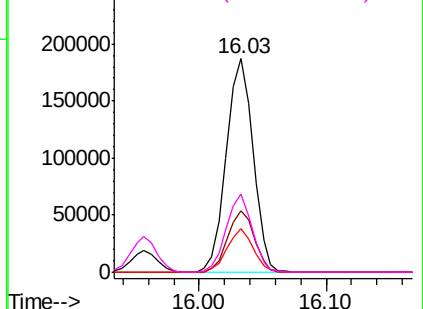


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

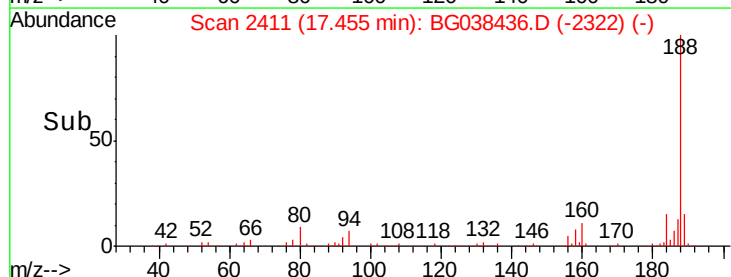
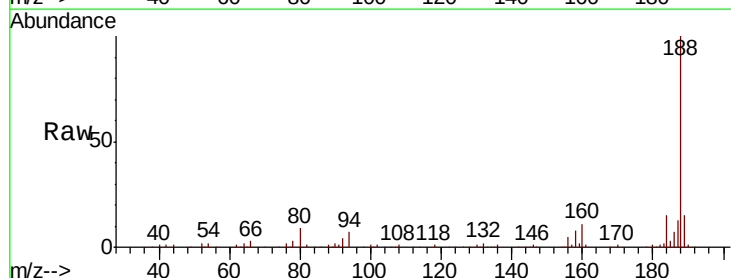
Tgt Ion: 188 Resp: 214822

Ion Ratio Lower Upper

188 100

94 7.3 7.2 10.8

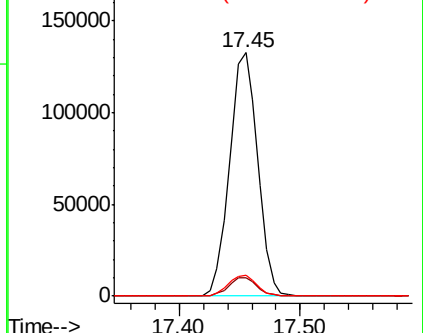
80 8.8 7.7 11.5

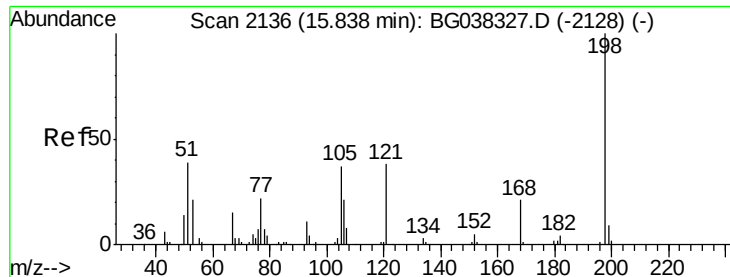


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

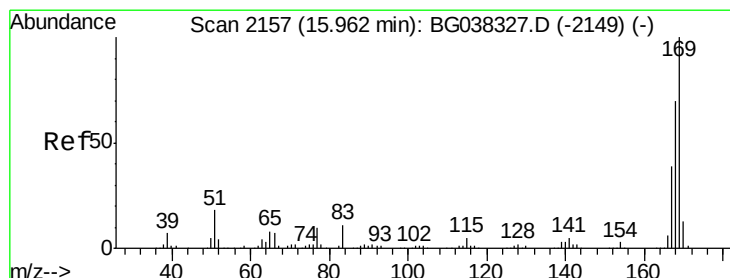
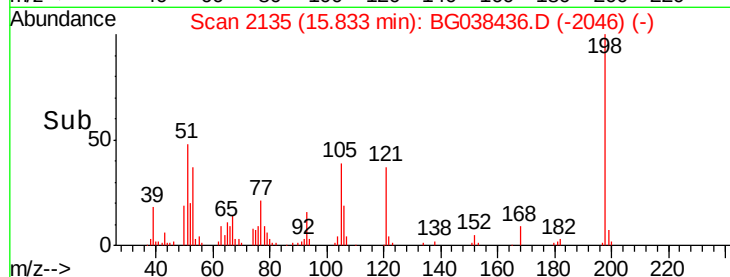
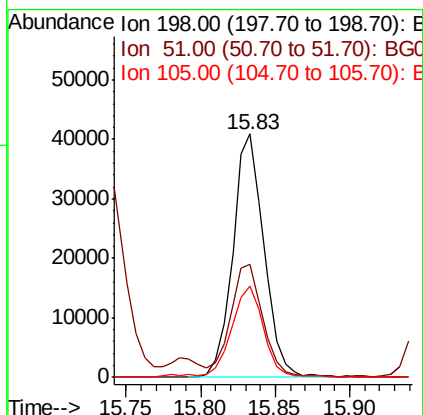
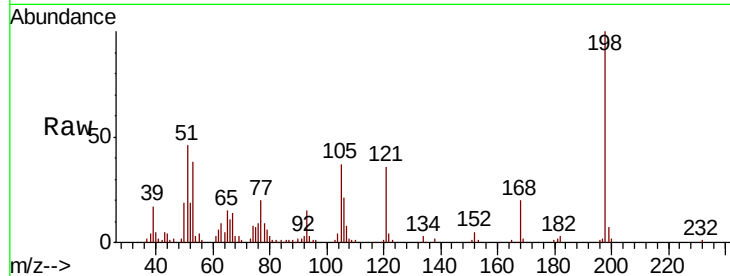




#65
4,6-Dinitro-2-methylphenol
Concen: 42.167 ng
RT: 15.83 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

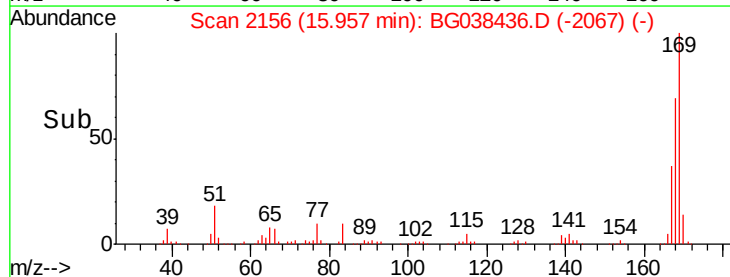
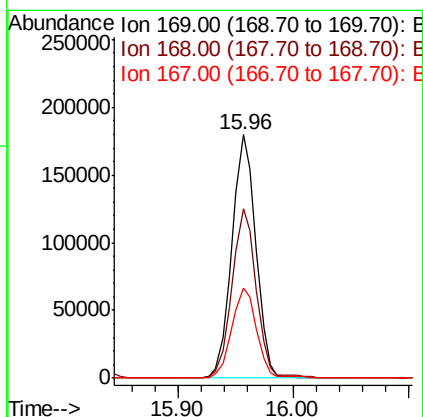
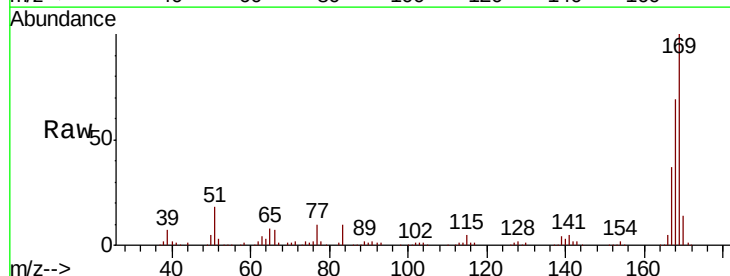
Instrument :
BNA_G
ClientSampled :

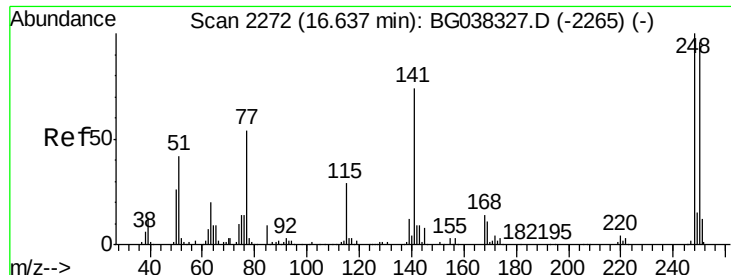
Tot Ion:198 Resp: 59352
Ion Ratio Lower Upper
198 100
51 46.5 22.7 62.7
105 37.5 19.7 59.7



#66
n-Nitrosodiphenylamine
Concen: 42.788 ng
RT: 15.96 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:169 Resp: 258479
Ion Ratio Lower Upper
169 100
168 69.5 55.7 83.5
167 37.2 31.3 46.9

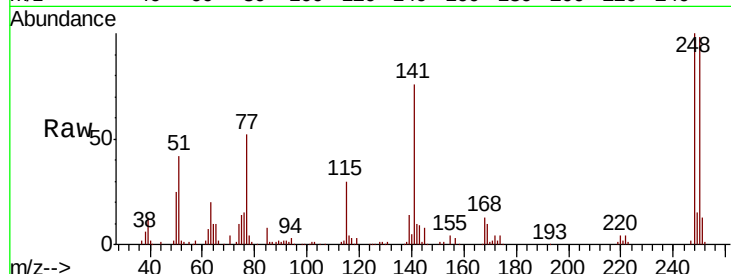




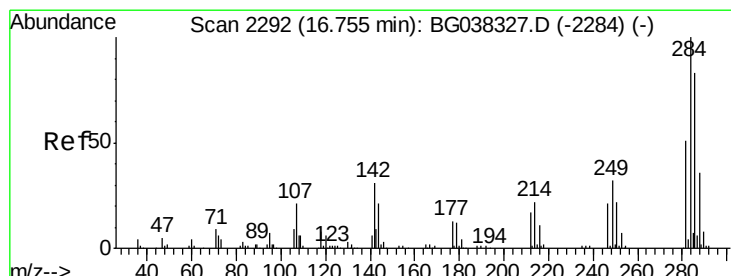
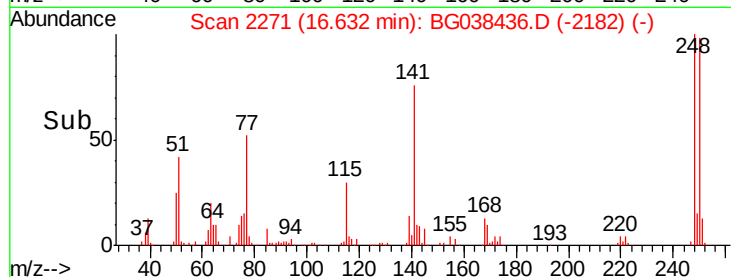
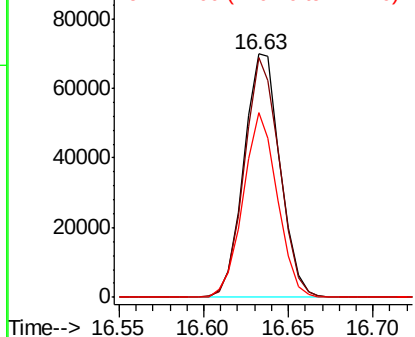
#67
 4-Bromophenyl-phenylether
 Concen: 44.850 ng
 RT: 16.63 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 104046
 Ion Ratio Lower Upper
 248 100
 250 98.3 77.0 115.6
 141 76.0 55.5 83.3

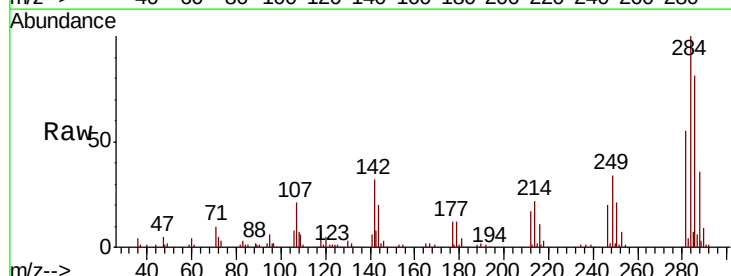


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

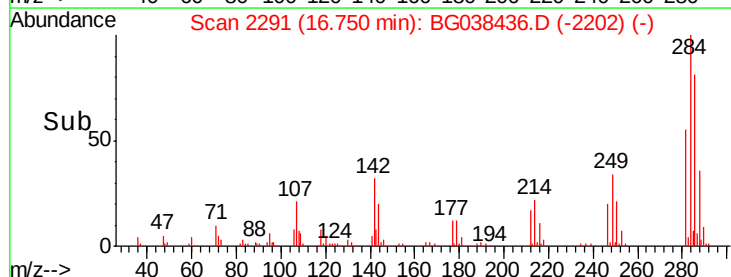
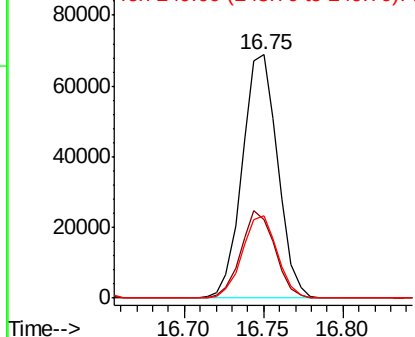


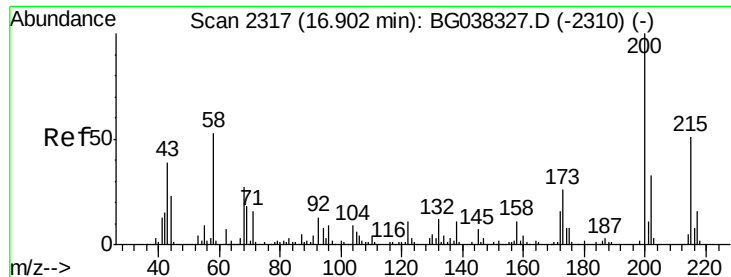
#68
 Hexachlorobenzene
 Concen: 44.500 ng
 RT: 16.75 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG038436.D
 Acq: 10 Dec 2018 10:32

Tgt Ion:284 Resp: 106481
 Ion Ratio Lower Upper
 284 100
 142 32.3 28.1 42.1
 249 36.4 29.8 44.8



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





#69

Atrazine

Concen: 42.229 ng

RT: 16.90 min Scan# 2316

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

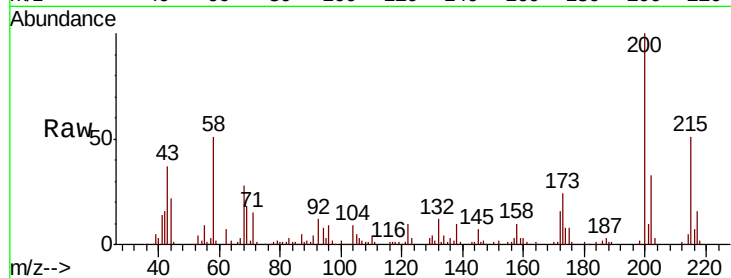
Tot Ion:200 Resp: 95188

Ion Ratio Lower Upper

200 100

173 24.0 6.1 46.1

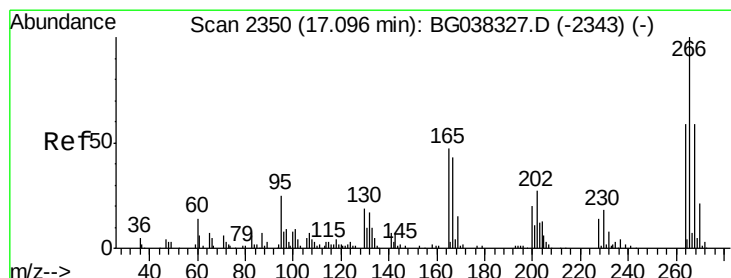
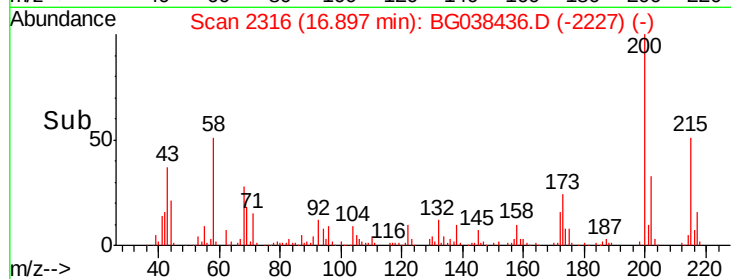
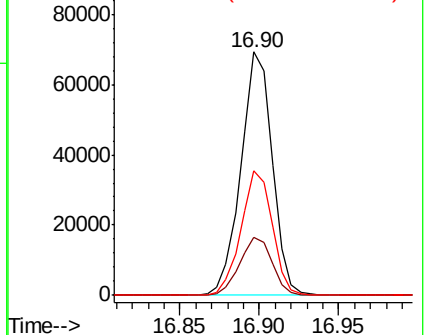
215 51.4 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.233 ng

RT: 17.10 min Scan# 2350

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

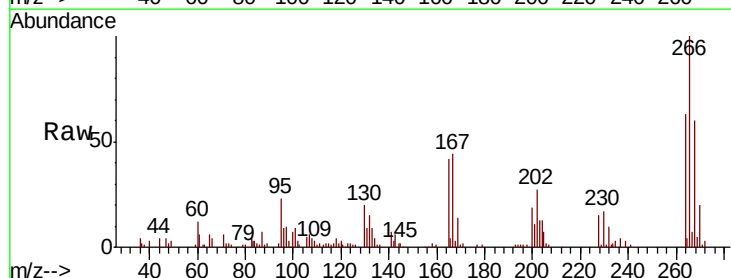
Tgt Ion:266 Resp: 64301

Ion Ratio Lower Upper

266 100

268 65.1 55.0 82.6

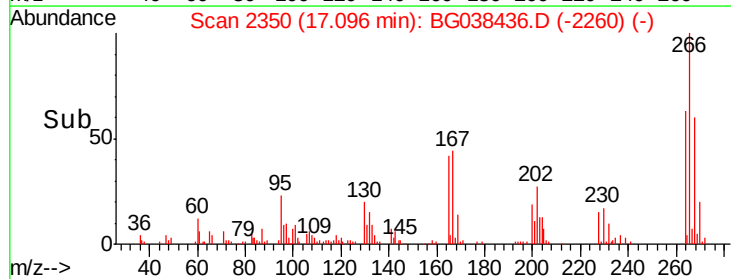
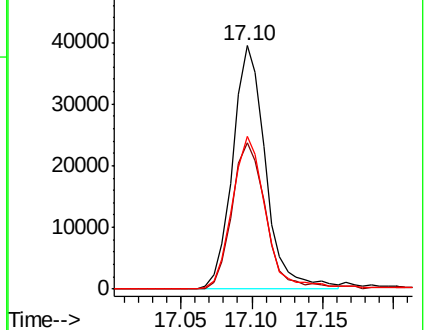
264 67.3 58.9 88.3

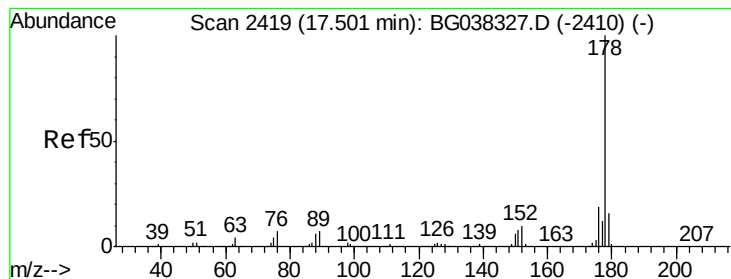


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.904 ng

RT: 17.50 min Scan# 2418

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

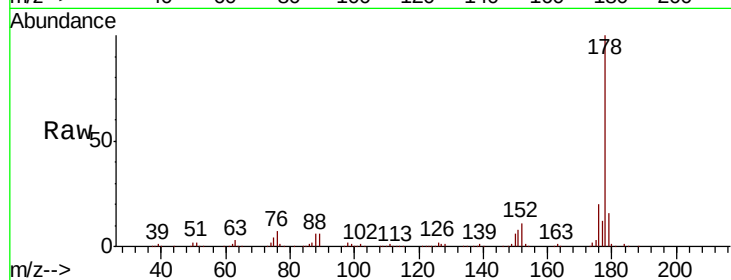
Tot Ion:178 Resp: 440057

Ion Ratio Lower Upper

178 100

176 19.6 16.1 24.1

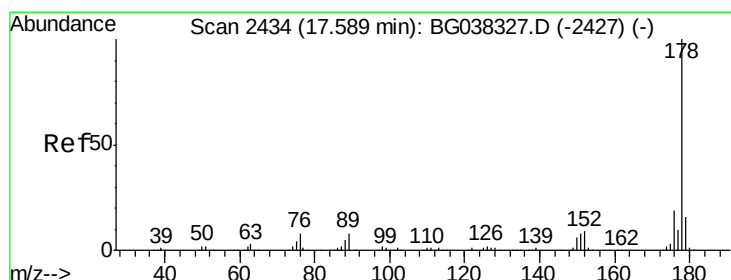
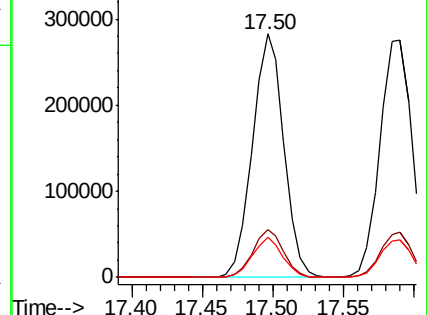
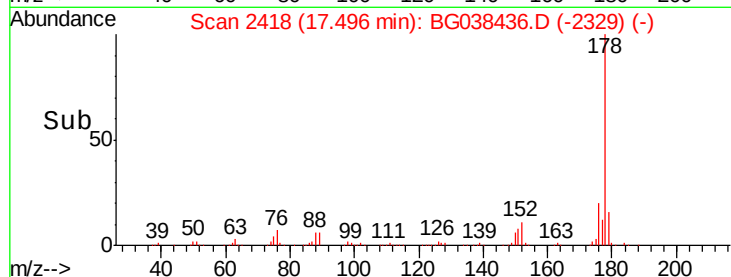
179 16.3 13.0 19.4



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: 42.079 ng

RT: 17.59 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

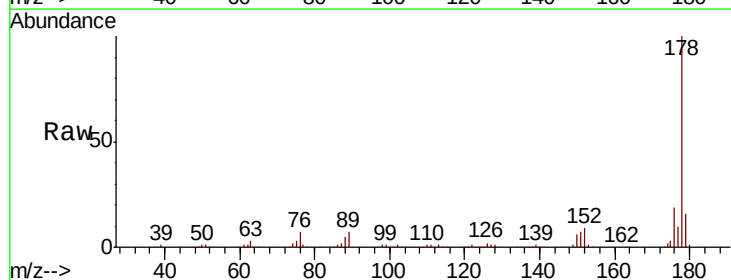
Tgt Ion:178 Resp: 438384

Ion Ratio Lower Upper

178 100

176 19.2 15.0 22.4

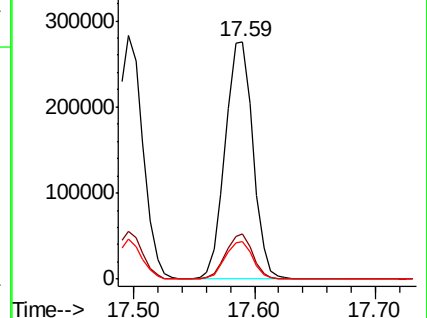
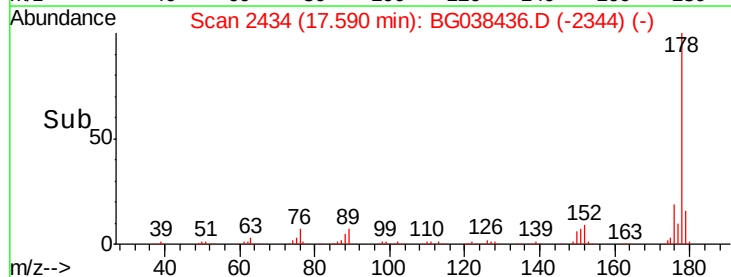
179 15.9 12.8 19.2

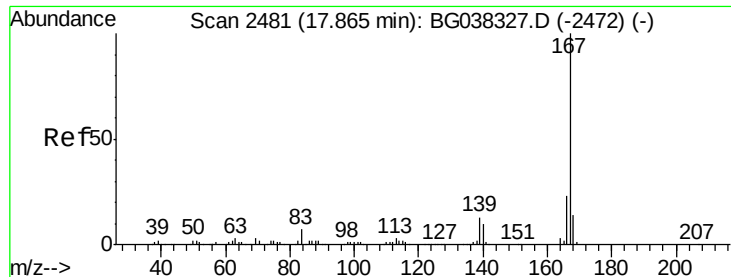


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.721 ng

RT: 17.86 min Scan# 2480

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

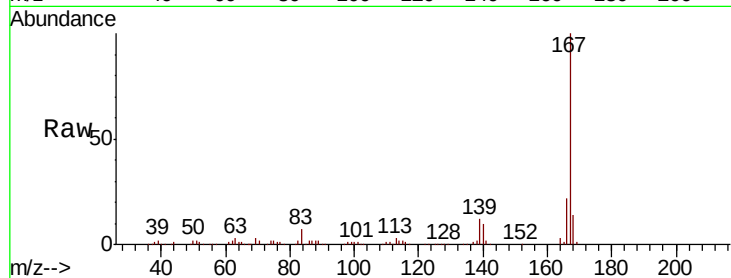
Tot Ion:167 Resp: 431402

Ion Ratio Lower Upper

167 100

166 21.7 18.3 27.5

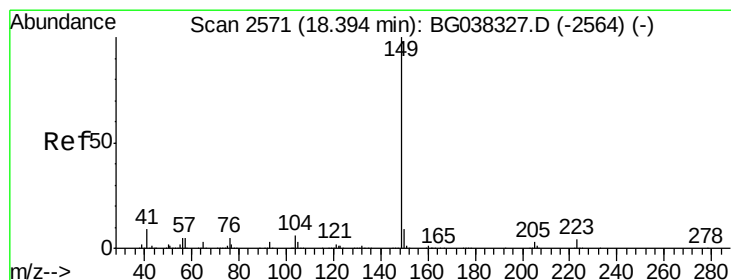
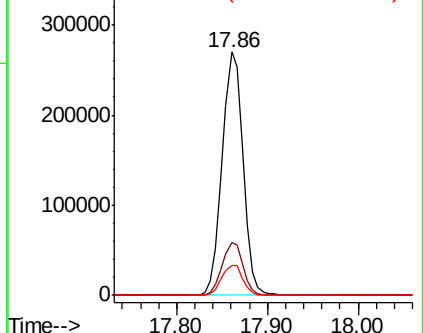
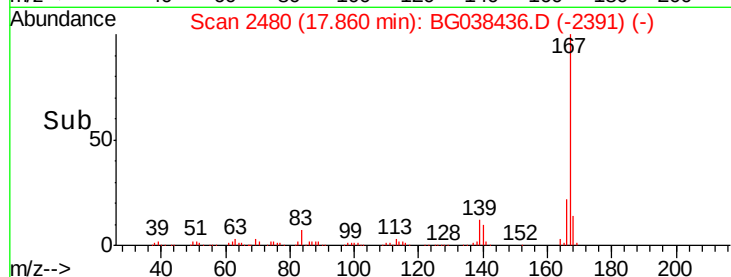
139 12.5 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.387 ng

RT: 18.39 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

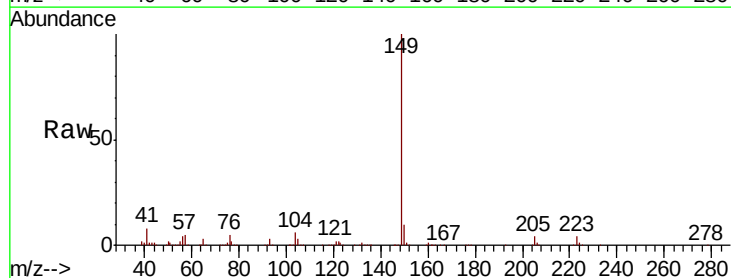
Tgt Ion:149 Resp: 487865

Ion Ratio Lower Upper

149 100

150 9.6 8.2 12.2

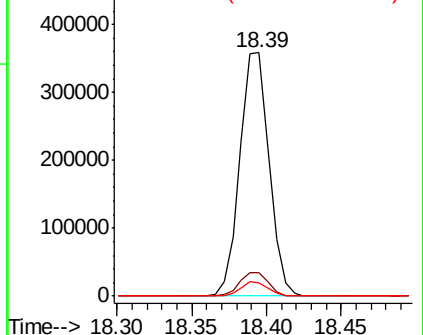
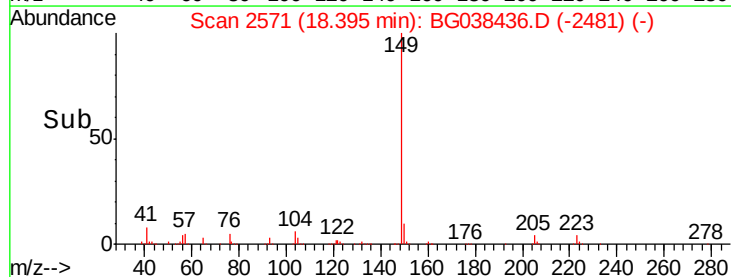
104 5.5 4.0 6.0

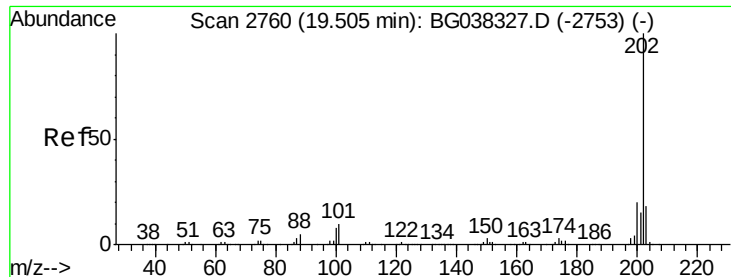


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.938 ng

RT: 19.51 min Scan# 2760

Delta R.T. 0.00 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

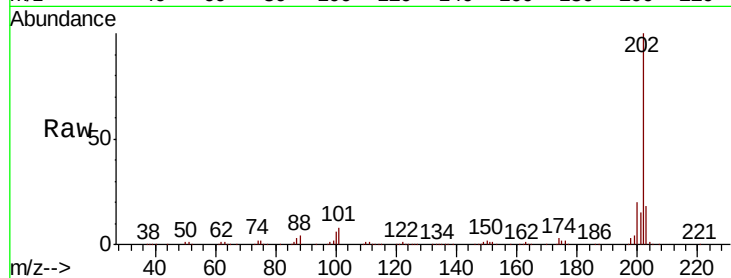
Tot Ion:202 Resp: 514556

Ion Ratio Lower Upper

202 100

101 7.9 0.0 30.7

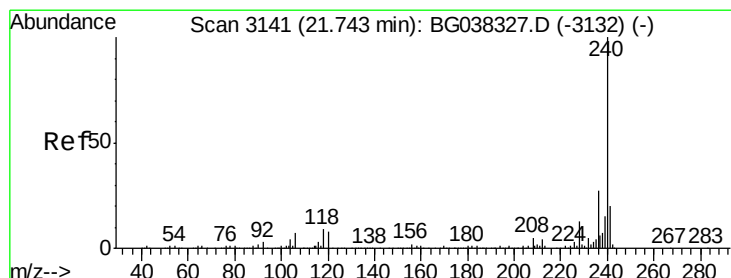
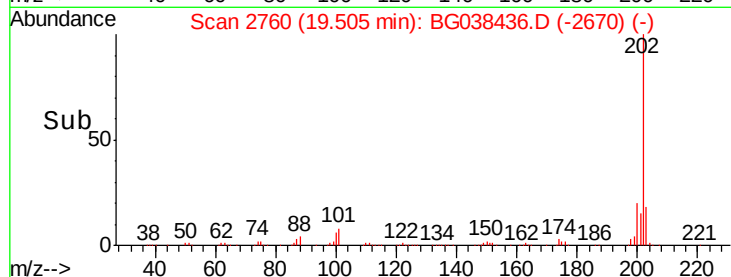
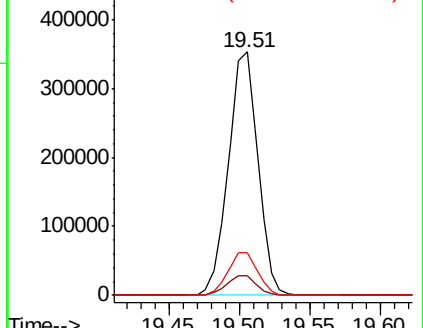
203 17.5 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

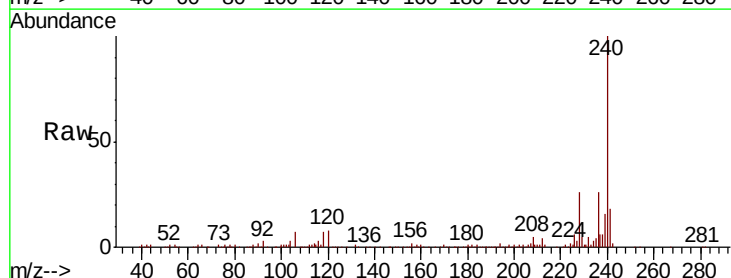
Tgt Ion:240 Resp: 200402

Ion Ratio Lower Upper

240 100

120 7.5 8.1 12.1#

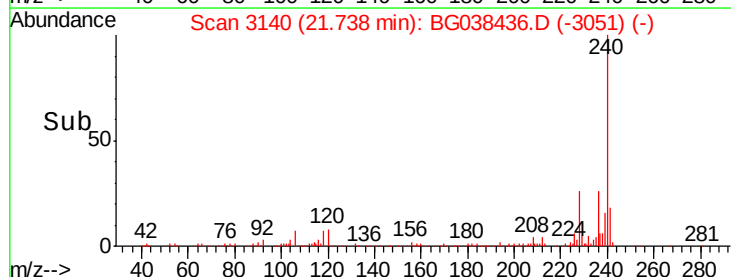
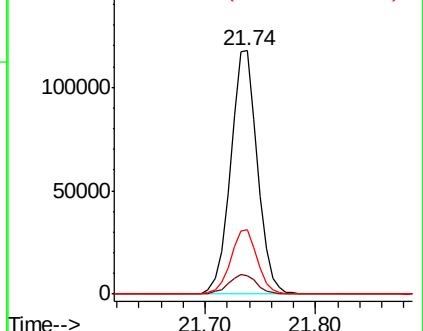
236 26.3 21.4 32.0

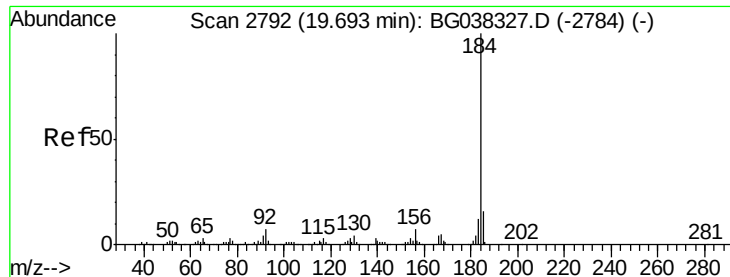


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 33.262 ng

RT: 19.69 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

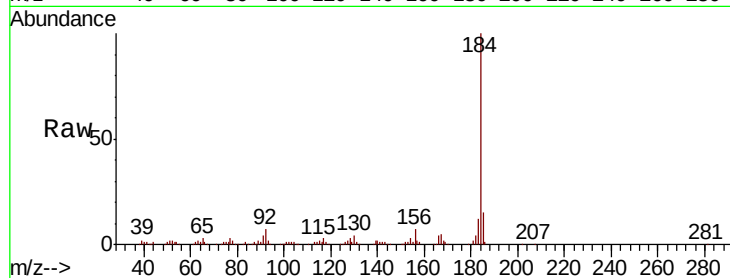
Tot Ion:184 Resp: 224936

Ion Ratio Lower Upper

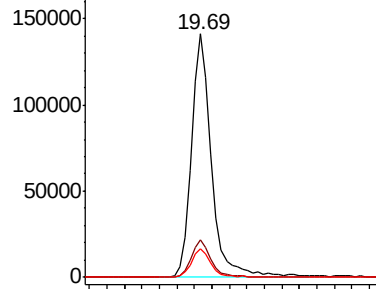
184 100

185 15.3 12.6 18.8

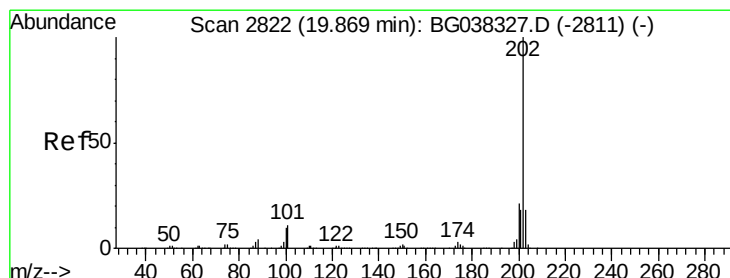
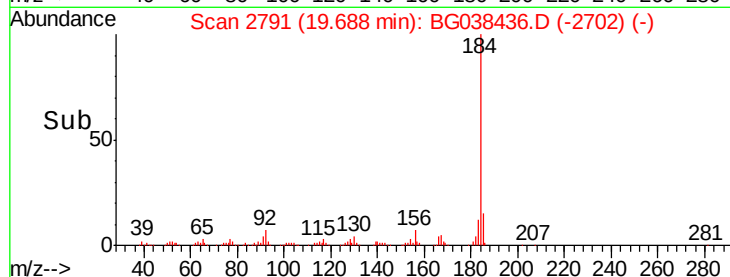
183 12.0 10.2 15.2



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



Time-->



#78

Pyrene

Concen: 37.735 ng

RT: 19.86 min Scan# 2821

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

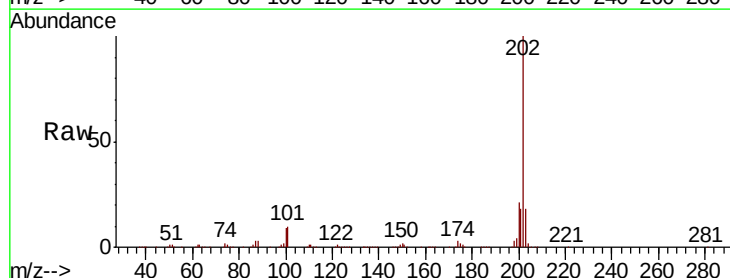
Tgt Ion:202 Resp: 529104

Ion Ratio Lower Upper

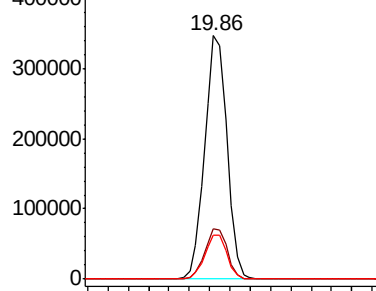
202 100

200 20.7 17.8 26.6

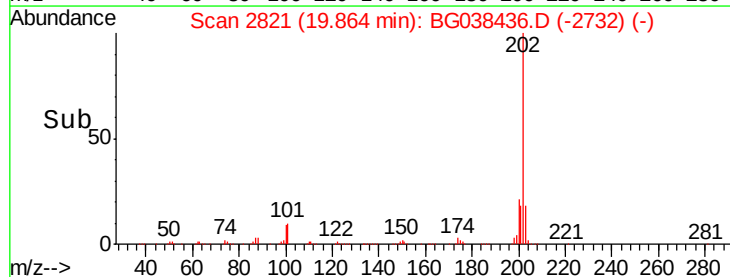
203 18.2 15.2 22.8

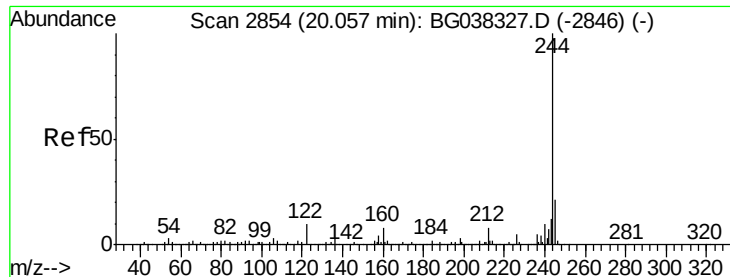


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 76.924 ng

RT: 20.05 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

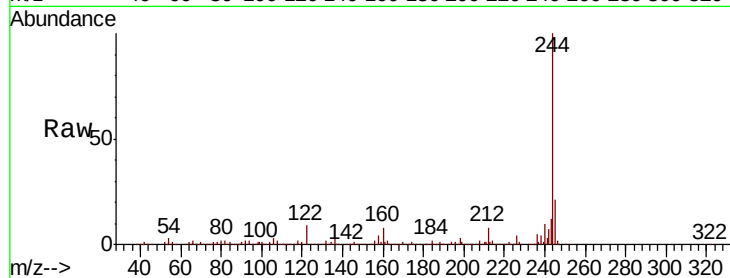
Tot Ion:244 Resp: 719605

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

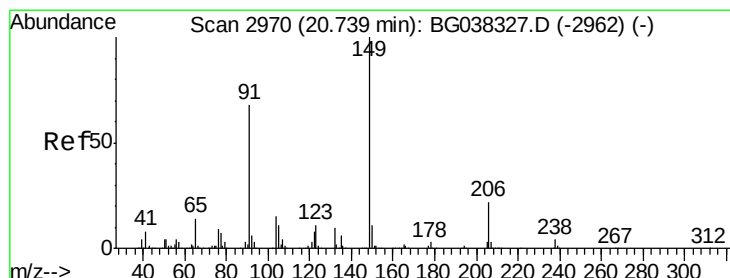
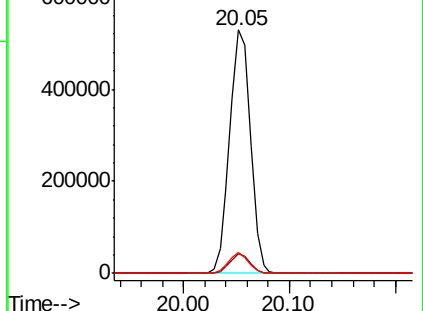
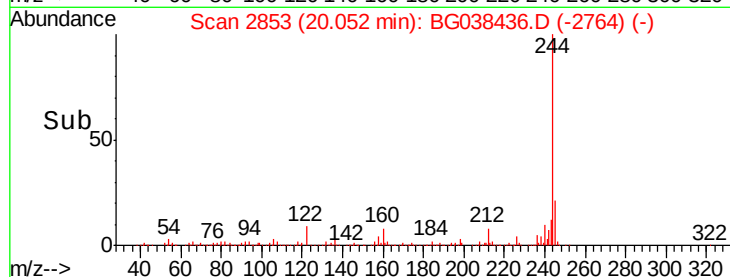
122 8.7 9.0 13.4#



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: 38.249 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

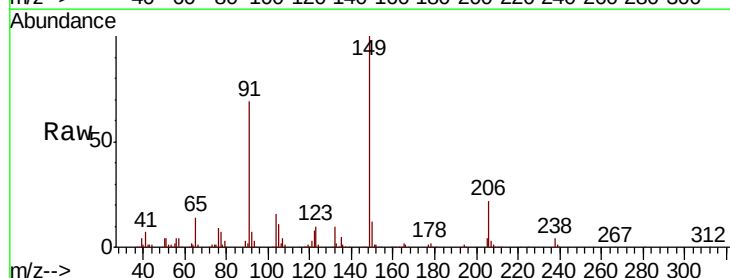
Tgt Ion:149 Resp: 215706

Ion Ratio Lower Upper

149 100

91 68.8 57.0 85.4

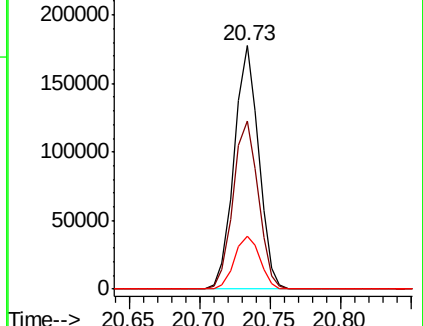
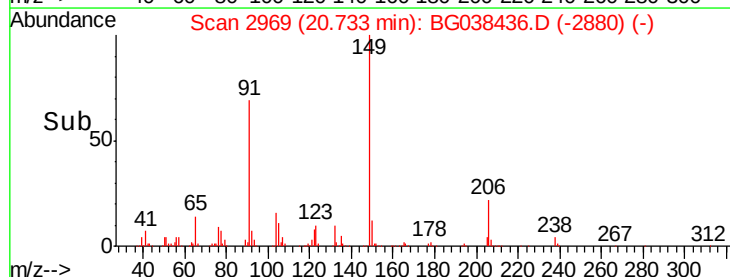
206 21.7 17.8 26.6

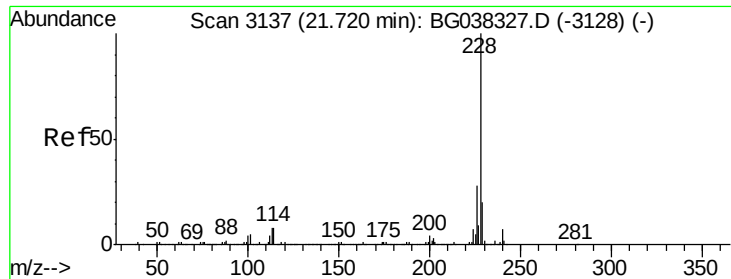


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

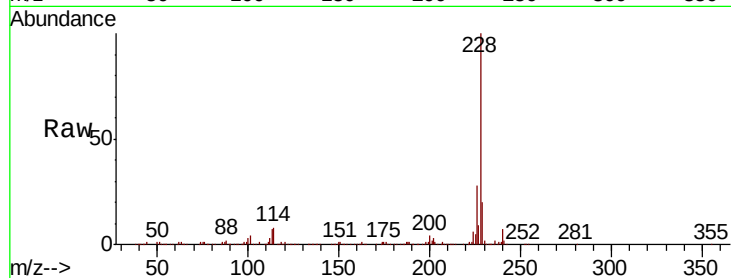




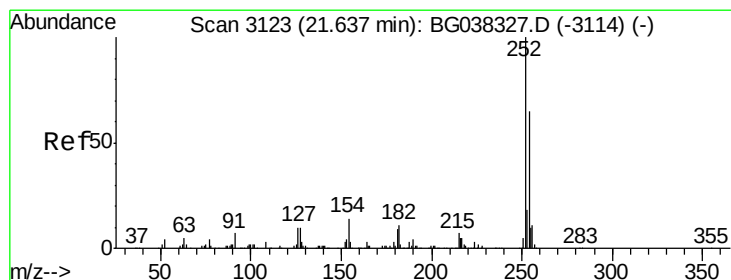
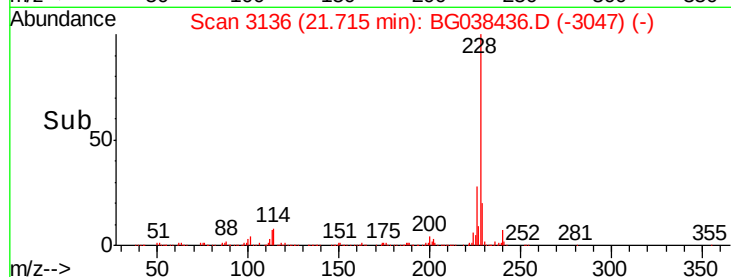
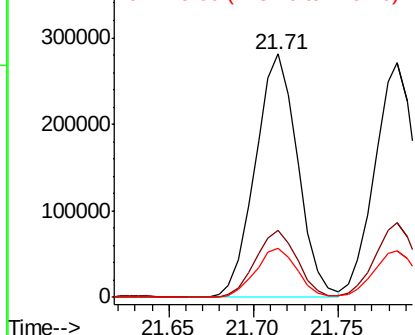
#81
Benzo(a)anthracene
Concen: 39.785 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 490028
Ion Ratio Lower Upper
228 100
226 27.7 22.6 33.8
229 20.0 16.3 24.5

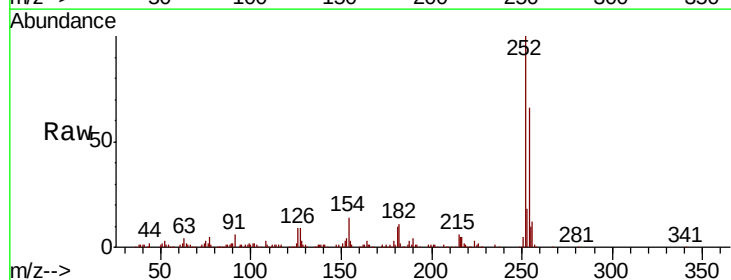


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

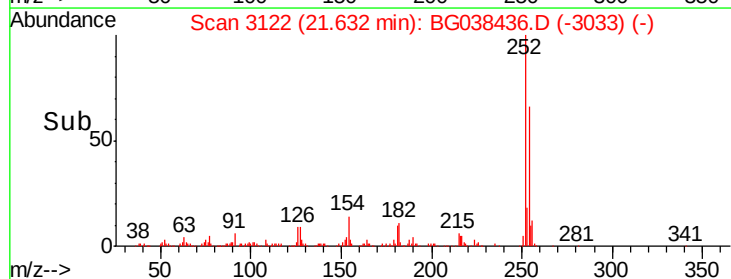
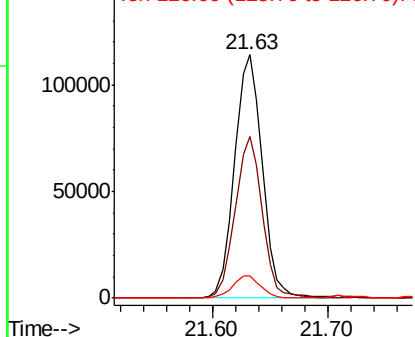


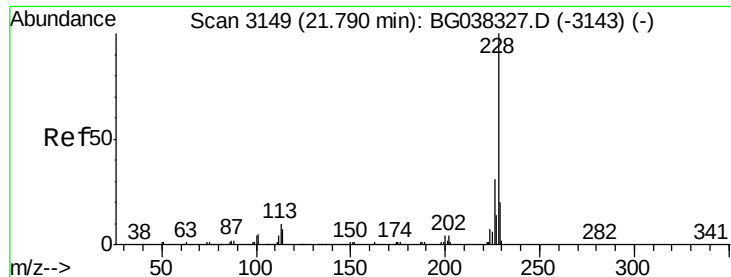
#82
3,3'-Dichlorobenzidine
Concen: 39.604 ng
RT: 21.63 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion:252 Resp: 189757
Ion Ratio Lower Upper
252 100
254 66.4 52.0 78.0
126 9.2 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.488 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

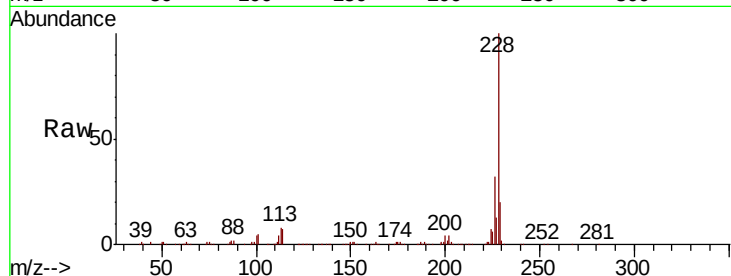
Tot Ion:228 Resp: 460256

Ion Ratio Lower Upper

228 100

226 31.5 25.7 38.5

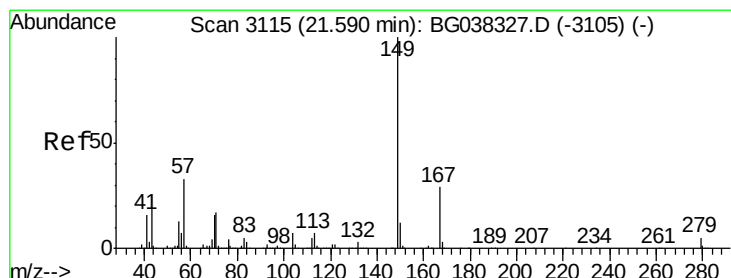
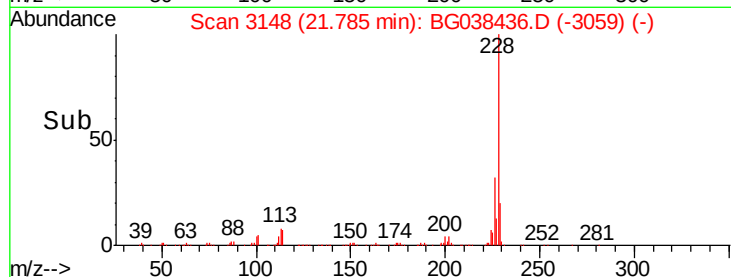
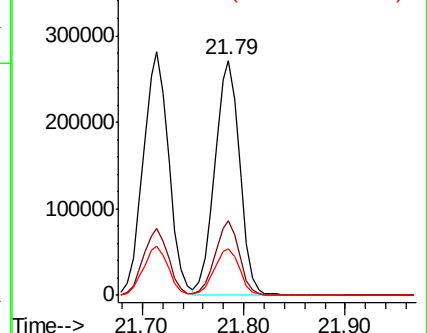
229 19.9 16.5 24.7



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.708 ng

RT: 21.58 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

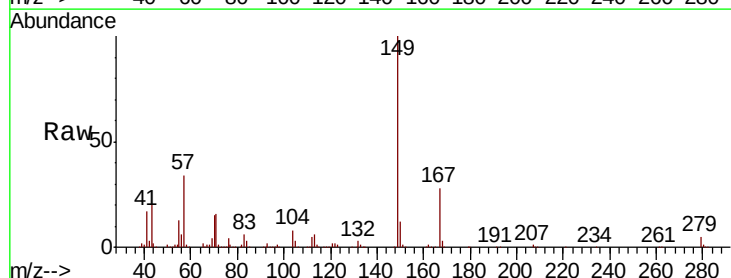
Tgt Ion:149 Resp: 301417

Ion Ratio Lower Upper

149 100

167 28.2 23.0 34.4

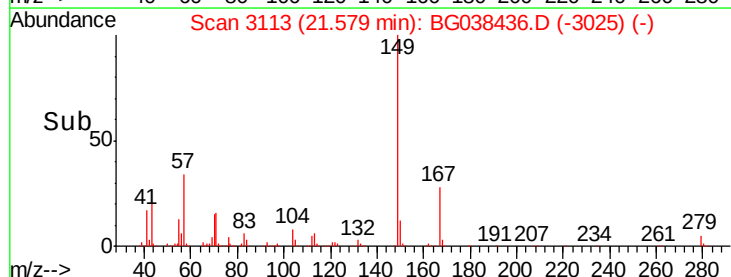
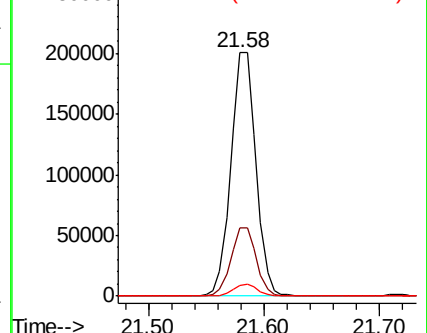
279 4.6 3.6 5.4

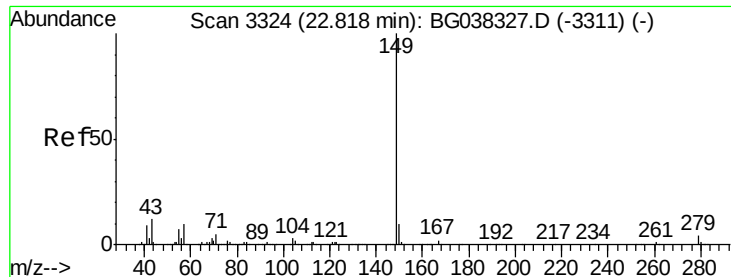


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

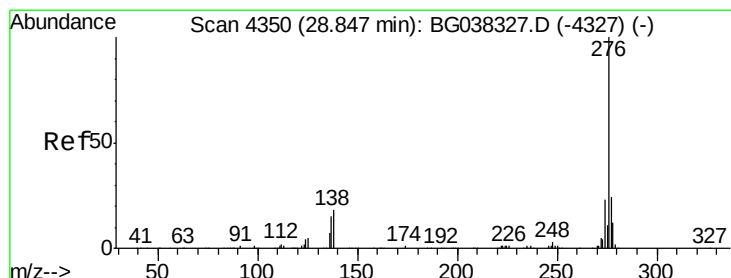
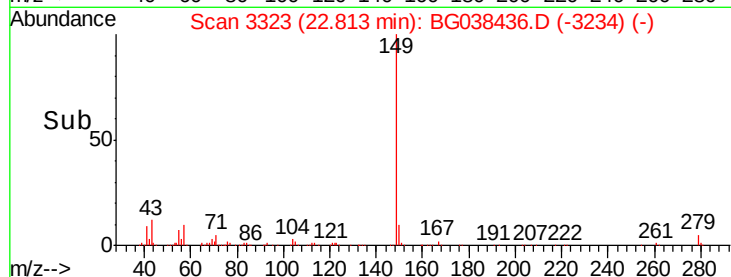
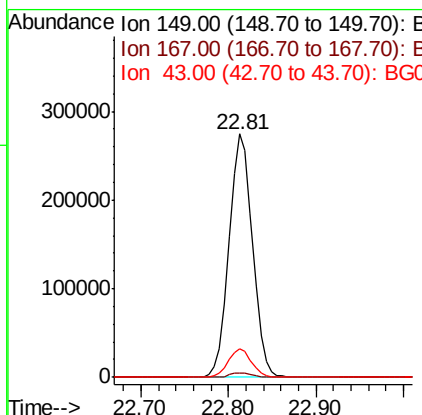
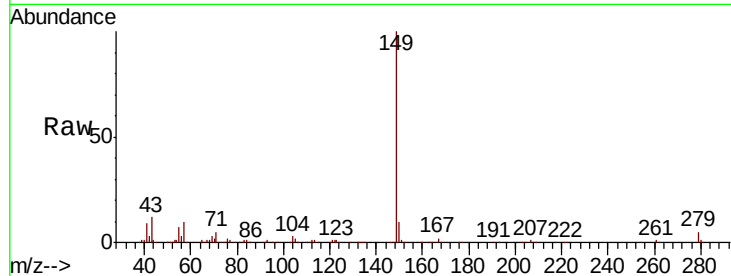




#85
Di-n-octyl phthalate
Concen: 36.477 ng
RT: 22.81 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

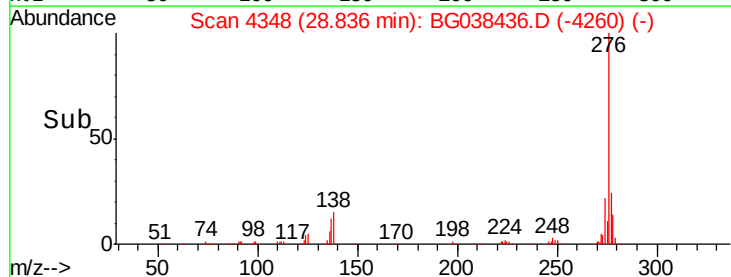
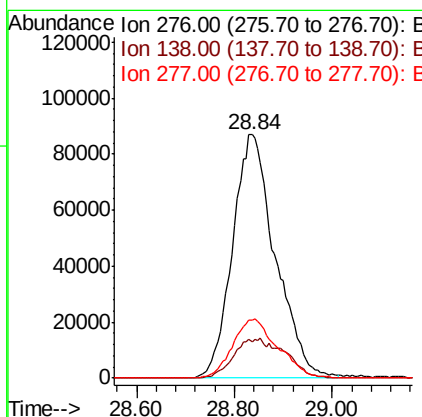
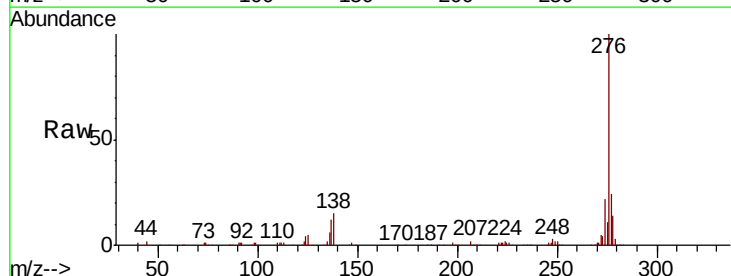
Instrument :
BNA_G
ClientSampleId :

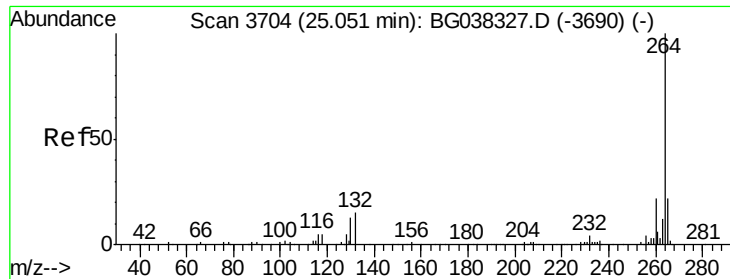
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 39.958 ng
RT: 28.84 min Scan# 4348
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.5	12.0	18.0#
277	25.5	20.6	30.8



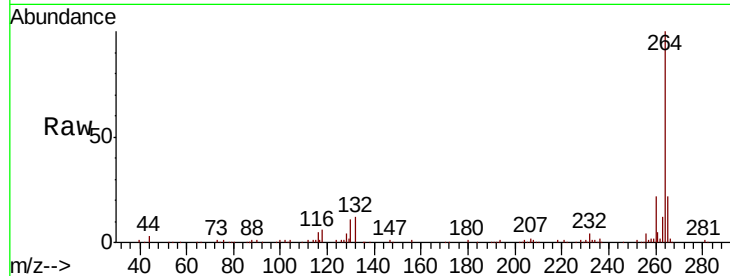


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3702
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

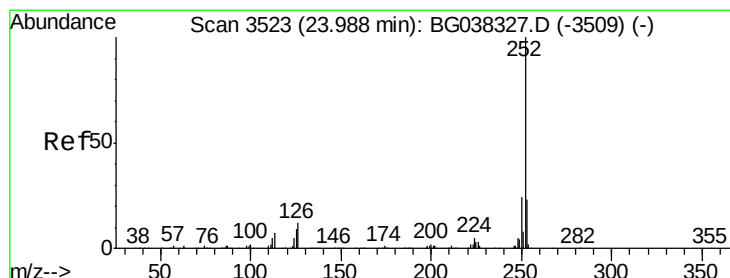
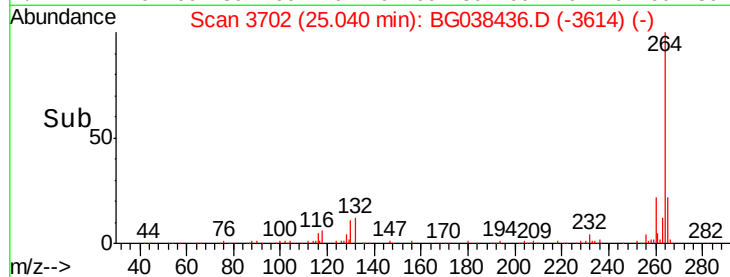
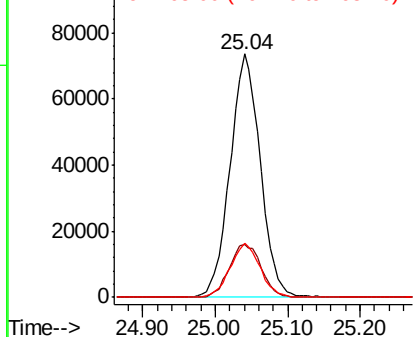
Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 213040

Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.2	27.4
265	22.2	17.9	26.9



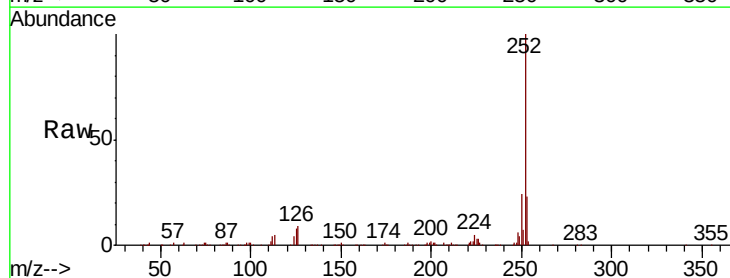
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



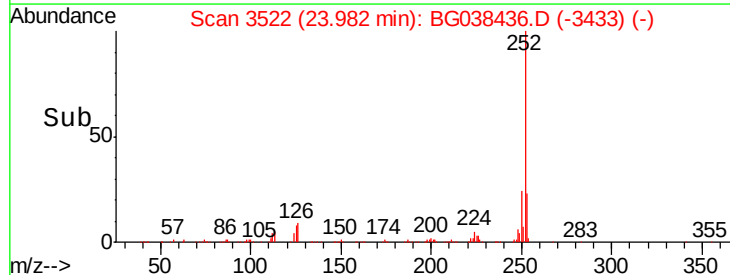
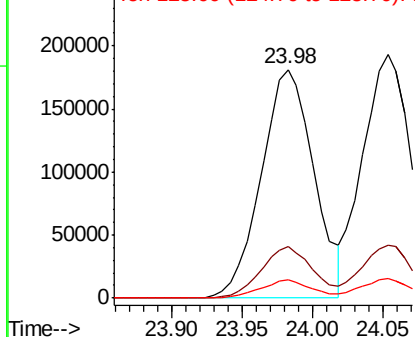
#88
Benzo(b)fluoranthene
Concen: 39.262 ng
RT: 23.98 min Scan# 3522
Delta R.T. -0.01 min
Lab File: BG038436.D
Acq: 10 Dec 2018 10:32

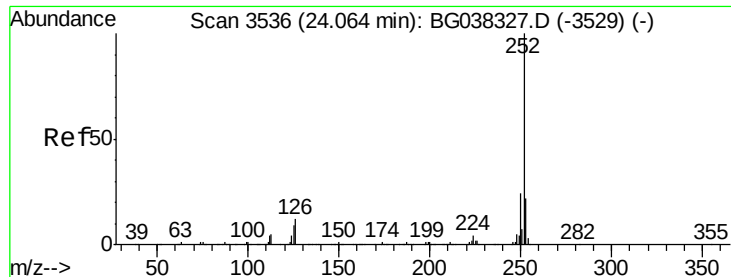
Tgt Ion:252 Resp: 472617

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	7.8	7.8	11.6



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





#89

Benzo(k)fluoranthene

Concen: 38.828 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Instrument :

BNA_G

ClientSampleId :

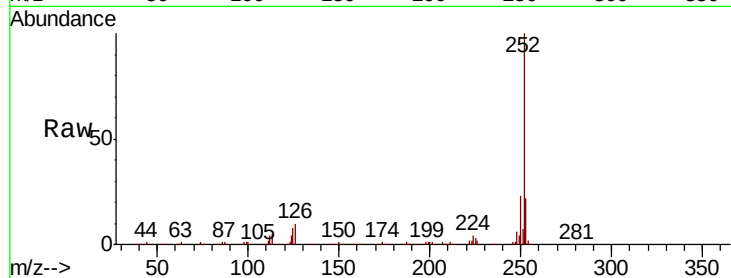
Tot Ion:252 Resp: 465506

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

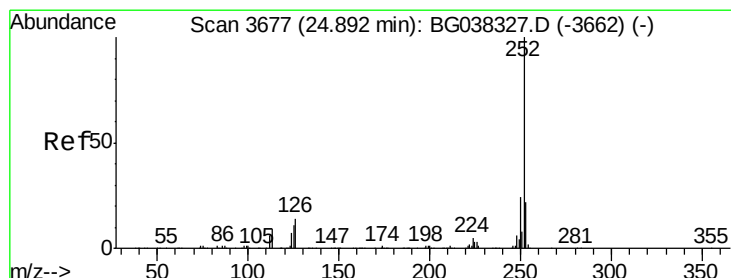
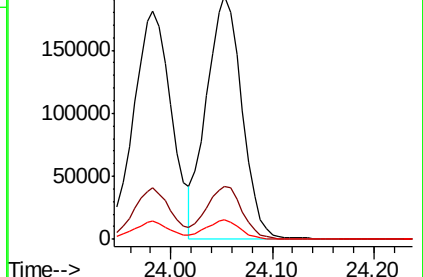
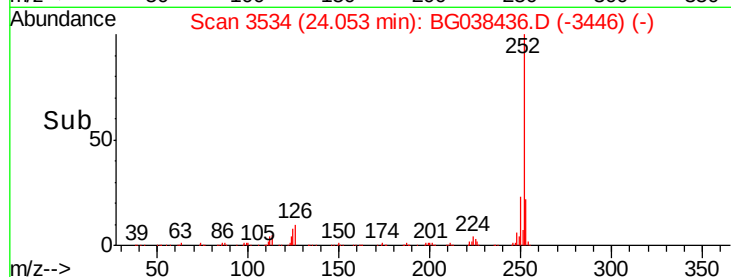
125 8.1 7.4 11.0



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: 39.354 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

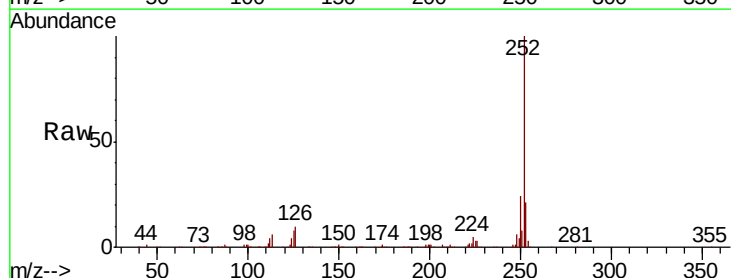
Tgt Ion:252 Resp: 459507

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

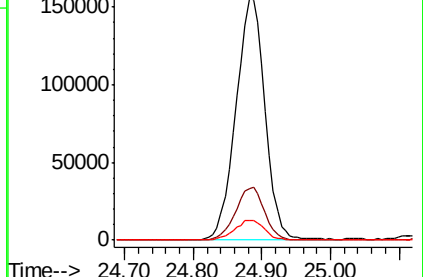
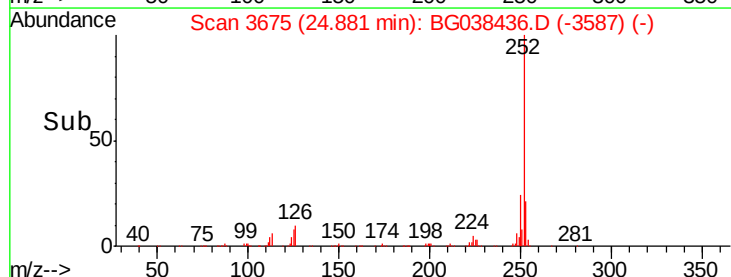
125 8.0 9.0 13.6#

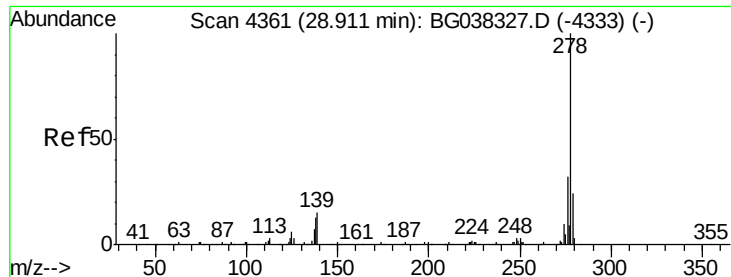


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.897 ng

RT: 28.90 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

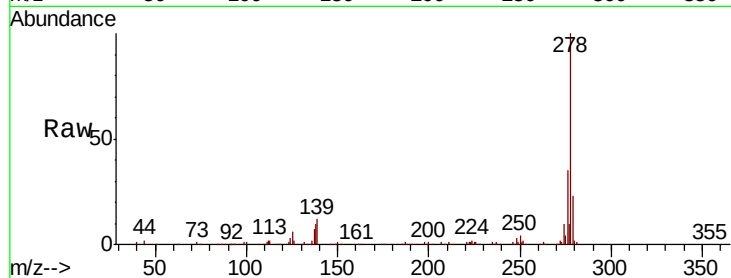
Instrument :

BNA_G

ClientSampled :

Tot Ion:278 Resp: 441826

Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.5	17.3
279	23.4	18.6	27.8

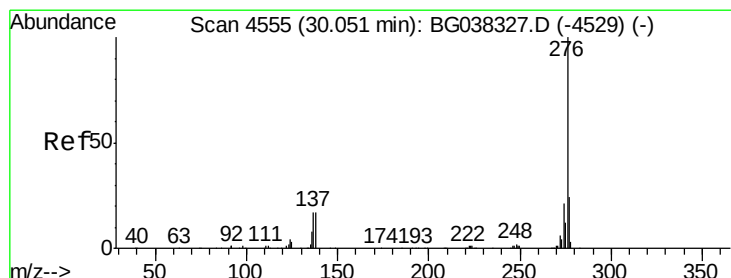
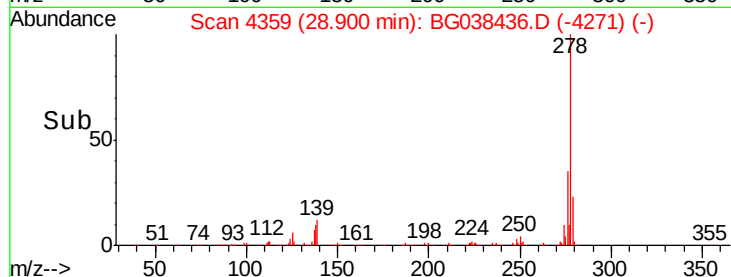
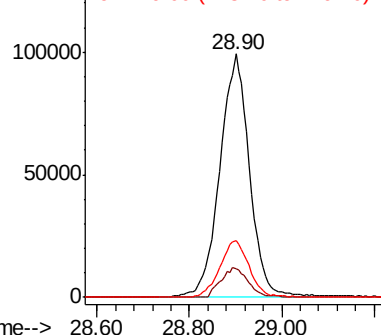


Abundance

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: 40.138 ng

RT: 30.03 min Scan# 4552

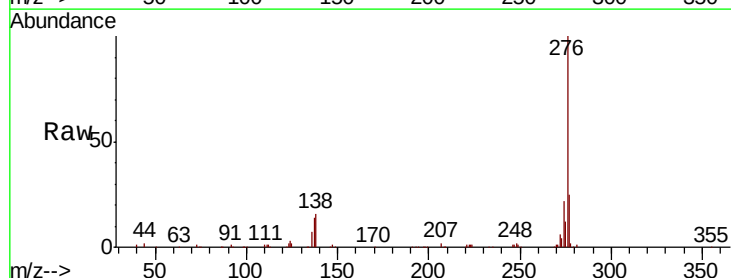
Delta R.T. -0.02 min

Lab File: BG038436.D

Acq: 10 Dec 2018 10:32

Tgt Ion:276 Resp: 441001

Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.9	28.3
138	16.2	17.2	25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

