

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038742.D
 Acq On : 20 Dec 2018 1:02
 Operator : JU/SJ
 Sample : J6426-12MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Quant Time: Dec 20 03:11:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24268	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	99147	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	67147	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	167953	20.00	ng	0.00
76) Chrysene-d12	21.72	240	165989	20.00	ng	0.00
87) Perylene-d12	25.02	264	180111	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	130807	95.60	ng	0.00
7) Phenol-d6	7.21	99	180811	96.26	ng	0.00
23) Nitrobenzene-d5	9.23	82	110101	56.73	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	91199	98.55	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	257152	52.54	ng	0.00
79) Terphenyl-d14	20.04	244	477066	62.55	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.49	88	12823	20.137 ng	91
3) Pyridine	3.90	79	33953	19.366 ng	97
4) n-Nitrosodimethylamine	3.82	42	23973	27.906 ng	89
6) Aniline	7.39	93	17689	7.377 ng	100
8) 2-Chlorophenol	7.62	128	47270	29.854 ng	95
9) Benzaldehyde	7.20	77	15452	12.681 ng	97
10) Phenol	7.24	94	68997	34.575 ng	99
11) bis(2-Chloroethyl)ether	7.47	93	40864	25.720 ng	97
12) 1,3-Dichlorobenzene	7.94	146	49915	26.662 ng	97
13) 1,4-Dichlorobenzene	8.09	146	66747	34.811 ng	98
14) 1,2-Dichlorobenzene	8.41	146	47579	26.321 ng	99
15) Benzyl Alcohol	8.30	79	43706	29.811 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	86415	23.744 ng	97
17) 2-Methylphenol	8.50	107	41715	31.201 ng	95
18) Hexachloroethane	9.14	117	17509	24.990 ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	34245	25.958 ng	94
20) 3+4-Methylphenols	8.83	107	57504	31.143 ng	99
22) Acetophenone	8.88	105	70786	28.583 ng	97
24) Nitrobenzene	9.28	77	53173	27.083 ng	97
25) Isophorone	9.79	82	96789	27.758 ng	99
26) 2-Nitrophenol	9.99	139	27967	27.832 ng	96
27) 2,4-Dimethylphenol	10.03	122	47347	32.877 ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	55382	28.144 ng	97
29) 2,4-Dichlorophenol	10.52	162	52887	33.010 ng	98
30) 1,2,4-Trichlorobenzene	10.74	180	53397	27.592 ng	92
31) Naphthalene	10.92	128	149082	30.518 ng	98
32) Benzoic acid	10.17	122	10890	19.548 ng	# 81
33) 4-Chloroaniline	11.05	127	15334	7.230 ng	# 93
34) Hexachlorobutadiene	11.18	225	34572	26.402 ng	96
35) Caprolactam	11.82	113	18237	27.506 ng	95
36) 4-Chloro-3-methylphenol	12.15	107	56533	30.921 ng	95
37) 2-Methylnaphthalene	12.52	142	109081	31.300 ng	99
38) 1-Methylnaphthalene	12.74	142	103319	30.551 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	65331	26.029 ng	100

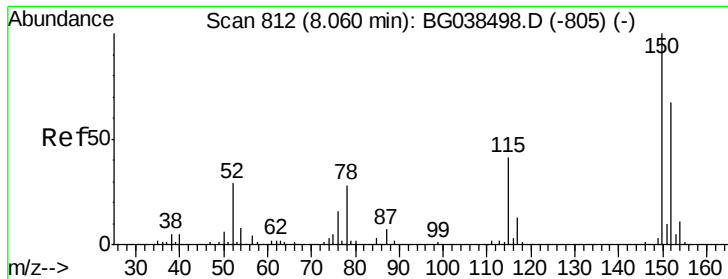
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038742.D
 Acq On : 20 Dec 2018 1:02
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	68574	49.729	ng	93
43) 2,4,6-Trichlorophenol	13.13	196	47916	31.048	ng	97
44) 2,4,5-Trichlorophenol	13.20	196	53420	32.693	ng	97
46) 1,1'-Biphenyl	13.53	154	144549	25.679	ng	99
47) 2-Chloronaphthalene	13.57	162	116727	26.845	ng	95
48) 2-Nitroaniline	13.78	65	39441	28.477	ng	96
49) Acenaphthylene	14.42	152	192568	29.624	ng	97
50) Dimethylphthalate	14.14	163	202143	36.864	ng	100
51) 2,6-Dinitrotoluene	14.28	165	36026	28.991	ng	93
52) Acenaphthene	14.76	154	109682	28.218	ng	98
53) 3-Nitroaniline	14.61	138	16723	13.202	ng	99
54) 2,4-Dinitrophenol	14.82	184	34304	48.572	ng	98
55) Dibenzofuran	15.09	168	188449	28.283	ng	97
56) 4-Nitrophenol	14.91	139	55691	57.953	ng	100
57) 2,4-Dinitrotoluene	15.06	165	52628	30.070	ng	96
58) Fluorene	15.74	166	150538	30.496	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	50368	34.263	ng	95
60) Diethylphthalate	15.49	149	161195	26.778	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	86042	27.936	ng	95
62) 4-Nitroaniline	15.78	138	35951	27.567	ng	96
63) Azobenzene	16.02	77	134922	26.830	ng	98
65) 4,6-Dinitro-2-methylphenol	15.82	198	30944	25.828	ng	89
66) n-Nitrosodiphenylamine	15.95	169	140047	28.379	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	56928	27.754	ng	98
68) Hexachlorobenzene	16.73	284	58897	27.699	ng	97
69) Atrazine	16.89	200	59530	32.506	ng	96
70) Pentachlorophenol	17.09	266	66773	53.093	ng	94
71) Phenanthrene	17.49	178	252687	29.013	ng	98
72) Anthracene	17.57	178	256807	29.868	ng	99
73) Carbazole	17.85	167	234613	27.591	ng	99
74) Di-n-butylphthalate	18.38	149	261834	26.835	ng	100
75) Fluoranthene	19.49	202	298140	27.667	ng	98
77) Benzidine	19.68	184	44697	9.105	ng	99
78) Pyrene	19.85	202	297023	27.087	ng	98
80) Butylbenzylphthalate	20.72	149	113398	26.469	ng	99
81) Benzo(a)anthracene	21.70	228	291708	28.841	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	43722	10.899	ng	97
83) Chrysene	21.77	228	273978	28.123	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	162559	26.754	ng	99
85) Di-n-octyl phthalate	22.79	149	277123	27.233	ng	# 100
86) Indeno(1,2,3-cd)pyrene	28.80	276	333290	29.099	ng	# 82
88) Benzo(b)fluoranthene	24.03	252	283933	28.713	ng	98
89) Benzo(k)fluoranthene	24.03	252	283933	28.834	ng	96
90) Benzo(a)pyrene	24.86	252	279457	29.293	ng	# 97
91) Dibenzo(a,h)anthracene	28.85	278	281000	29.582	ng	99
92) Benzo(g,h,i)perylene	29.99	276	276936	29.584	ng	97

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

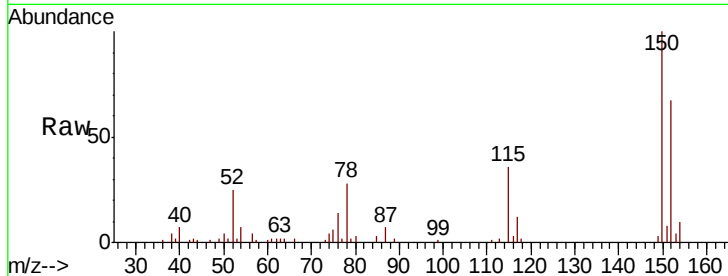


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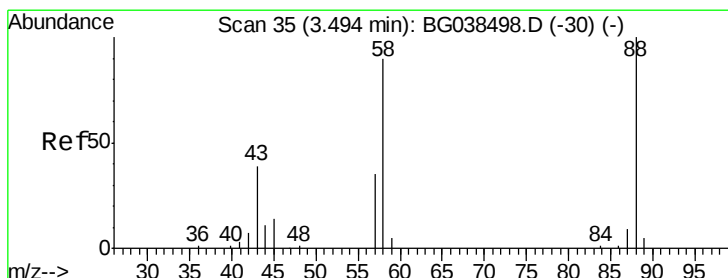
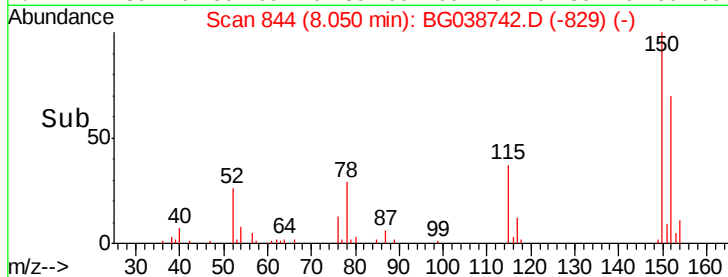
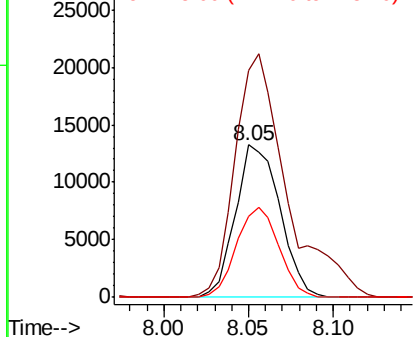
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.01 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion: 152 Resp: 24268
 Ion Ratio Lower Upper
 152 100
 150 148.9 119.5 179.3
 115 53.2 49.6 74.4



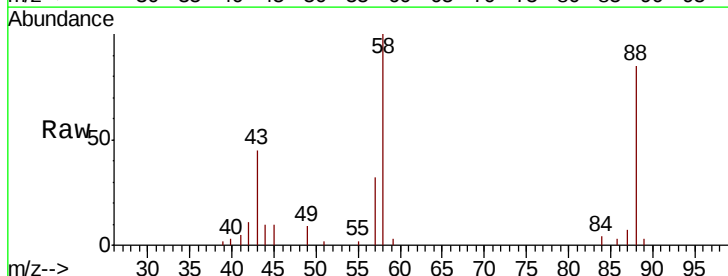
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



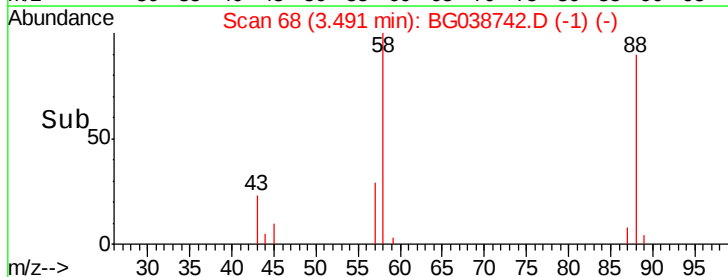
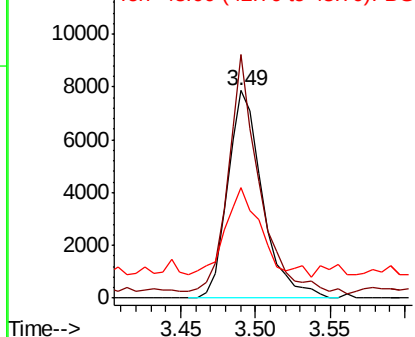
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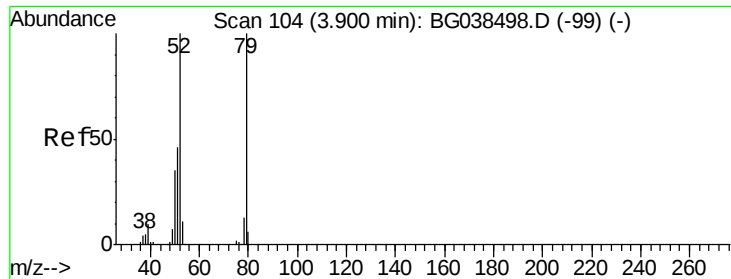
1,4-Dioxane
 Concen: 20.137 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion: 88 Resp: 12823
 Ion Ratio Lower Upper
 88 100
 58 103.4 75.7 113.5
 43 45.2 31.6 47.4



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

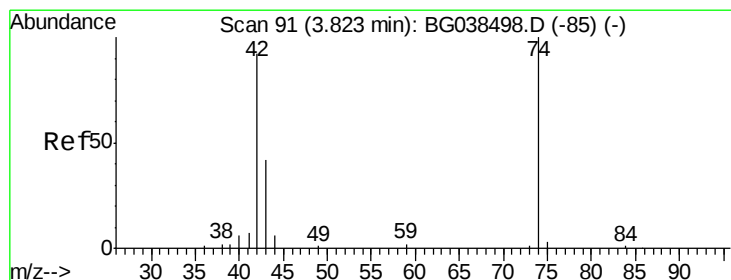
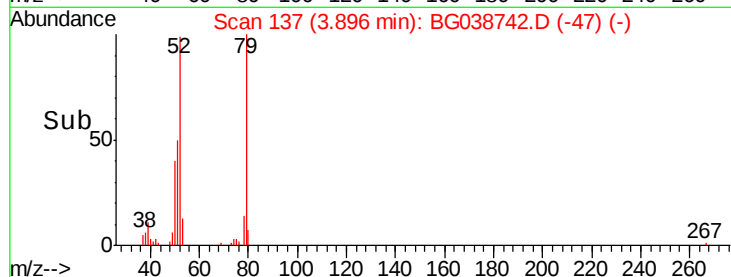
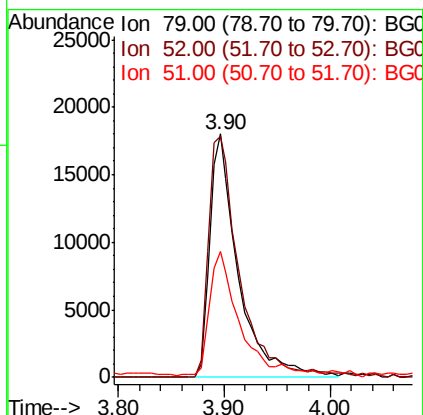
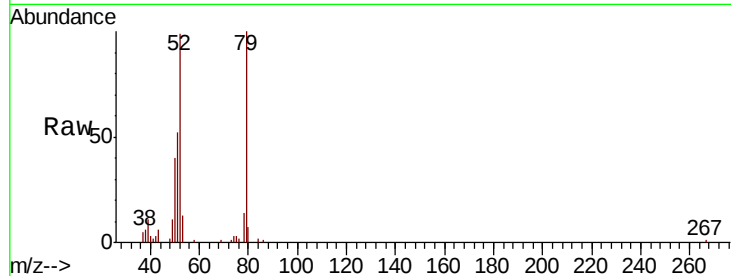




#3
 Pyridine
 Concen: 19.366 ng
 RT: 3.90 min Scan# 137
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

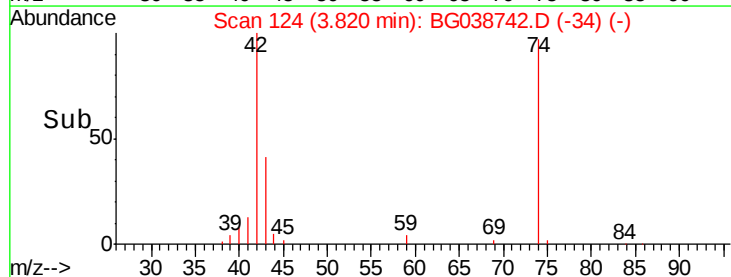
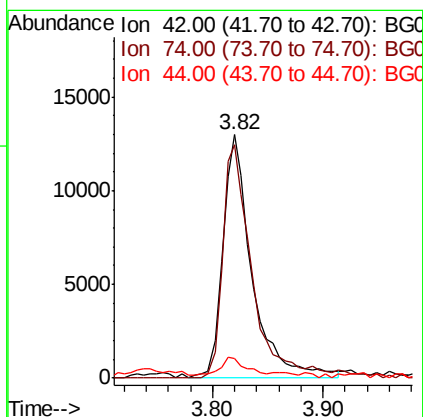
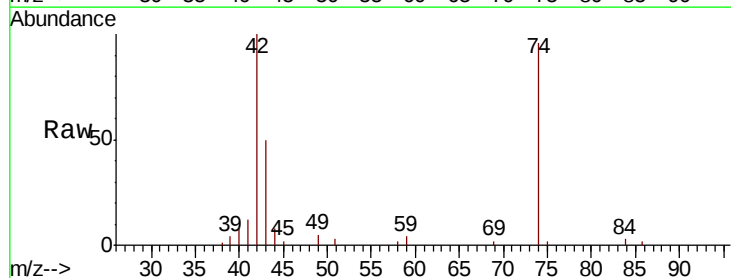
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

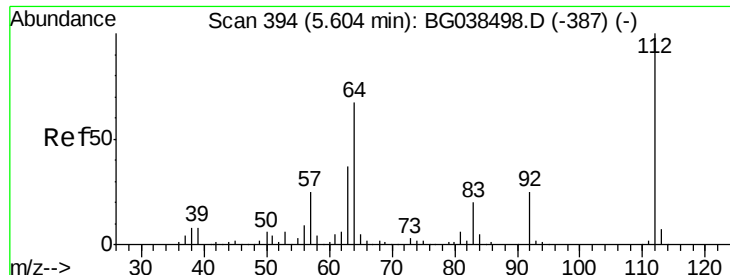
Tgt Ion: 79 Resp: 33953
 Ion Ratio Lower Upper
 79 100
 52 99.1 80.2 120.2
 51 51.5 38.0 57.0



#4
 n-Nitrosodimethylamine
 Concen: 27.906 ng
 RT: 3.82 min Scan# 124
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion: 42 Resp: 23973
 Ion Ratio Lower Upper
 42 100
 74 95.9 86.7 130.1
 44 8.2 7.8 11.8





#5

2-Fluorophenol

Concen: 95.602 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

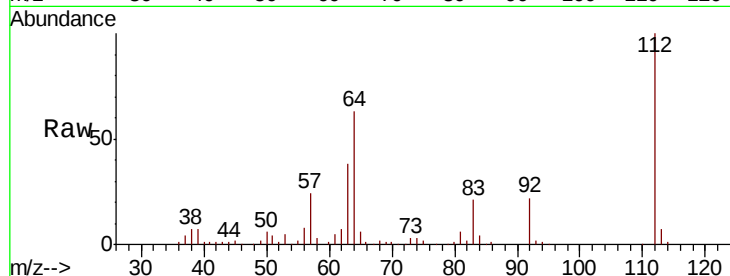
Instrument :

BNA_G

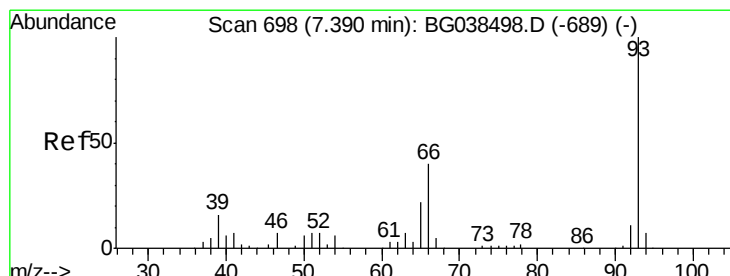
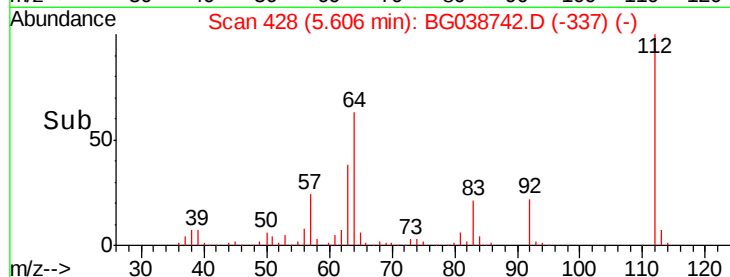
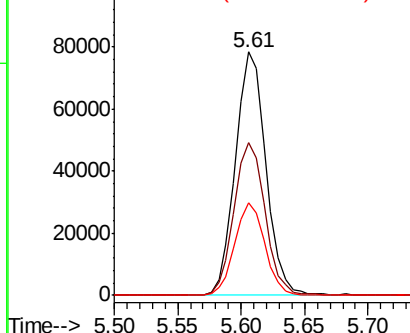
ClientSampleId :

P001-SS013B-3036-01MSD

Tgt Ion:	112	Resp:	130807
Ion	Ratio	Lower	Upper
112	100		
64	63.0	53.4	80.2
63	37.8	29.3	43.9



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: 7.377 ng

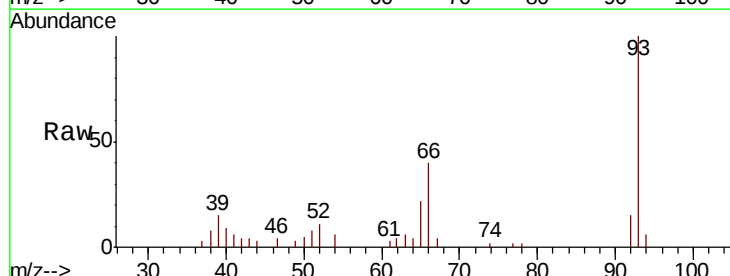
RT: 7.39 min Scan# 731

Delta R.T. -0.00 min

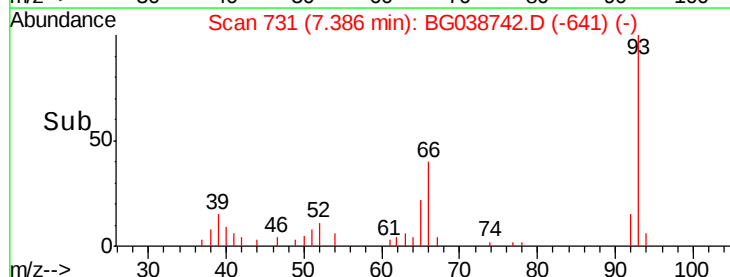
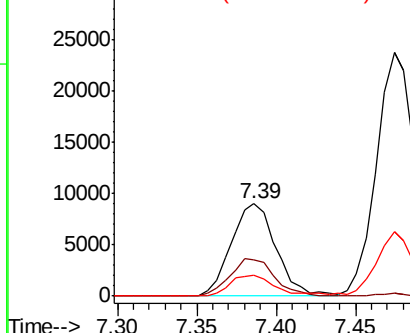
Lab File: BG038742.D

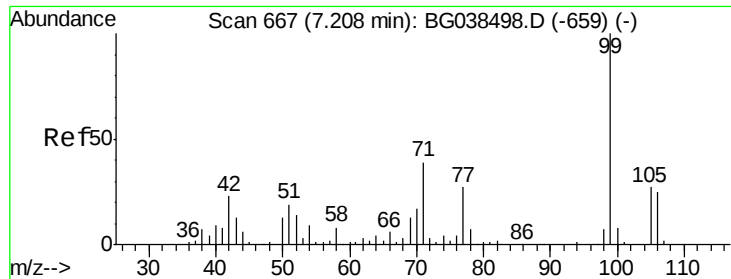
Acq: 20 Dec 2018 1:02

Tgt Ion:	93	Resp:	17689
Ion	Ratio	Lower	Upper
93	100		
66	39.7	31.7	47.5
65	22.5	17.8	26.6



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





#7

Phenol-d6

Concen: 96.261 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

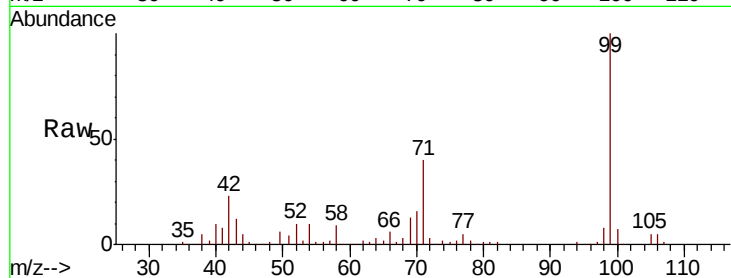
Tgt Ion: 99 Resp: 180811

Ion Ratio Lower Upper

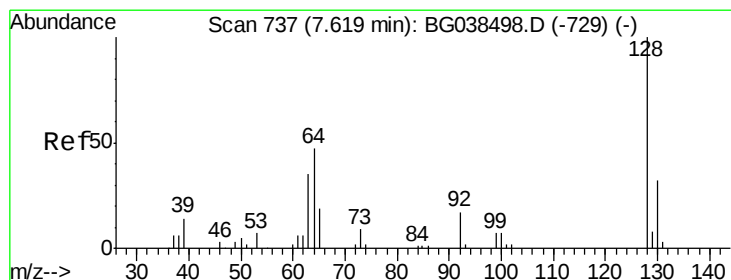
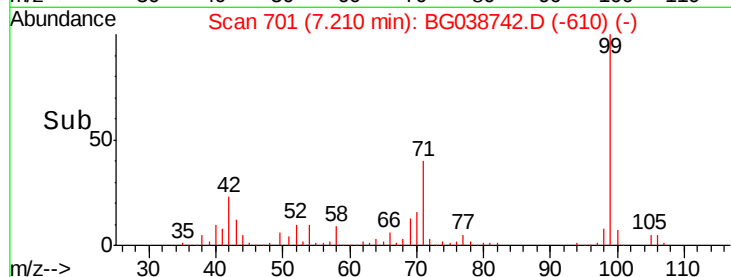
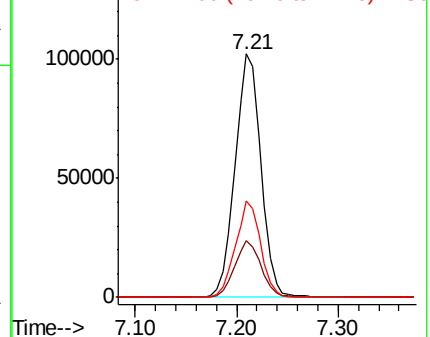
99 100

42 23.1 18.5 27.7

71 39.8 31.1 46.7



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



#8

2-Chlorophenol

Concen: 29.854 ng

RT: 7.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

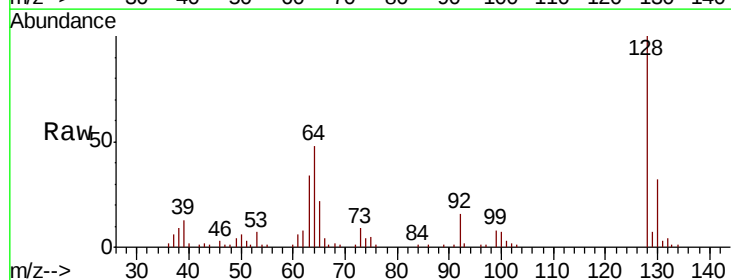
Tgt Ion: 128 Resp: 47270

Ion Ratio Lower Upper

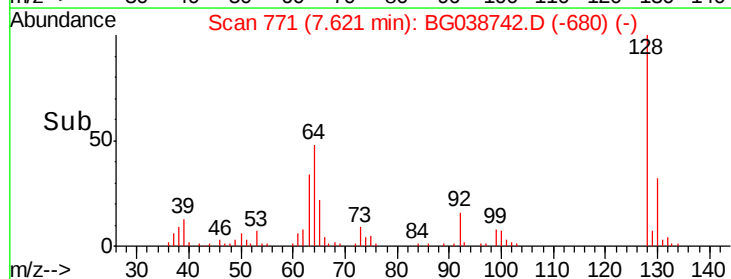
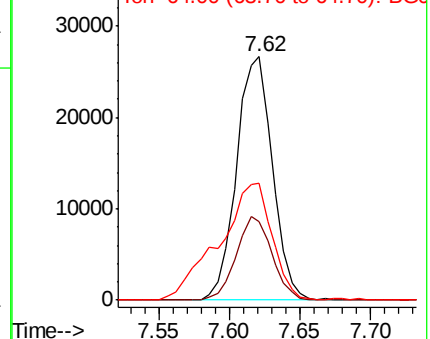
128 100

130 32.3 11.8 51.8

64 48.1 33.2 73.2



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





#9

Benzaldehyde

Concen: 12.681 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

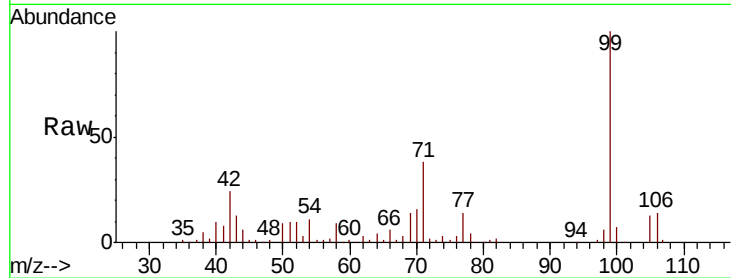
Tgt Ion: 77 Resp: 15452

Ion Ratio Lower Upper

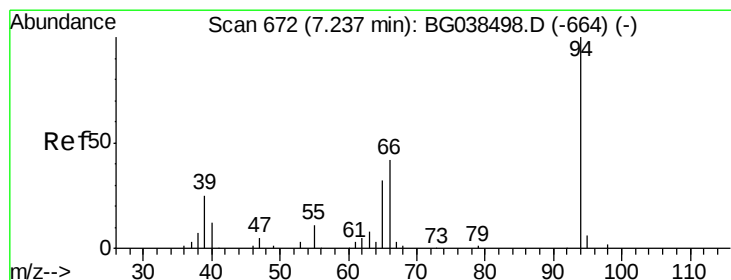
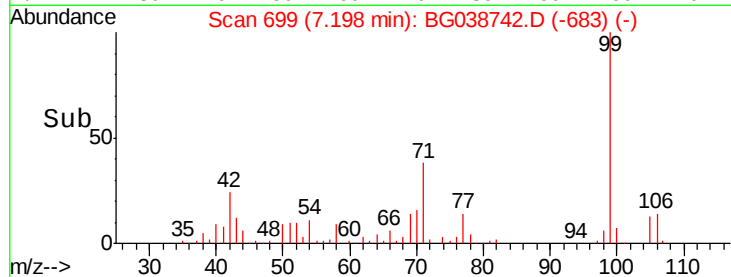
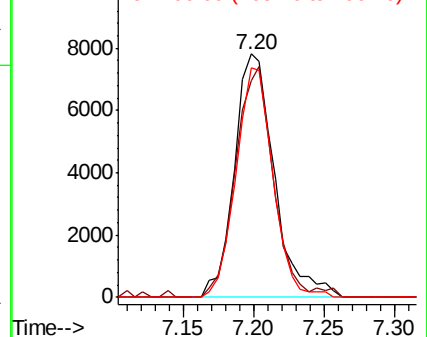
77 100

105 89.1 74.0 114.0

106 94.1 73.9 113.9



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: 34.575 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

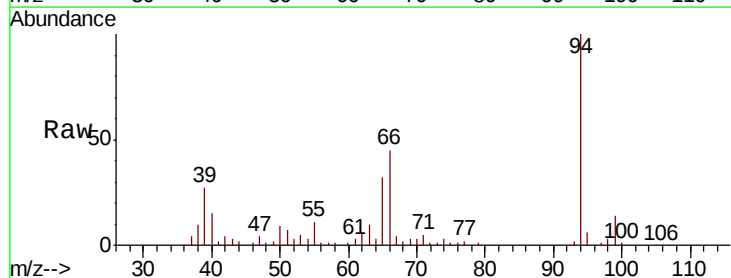
Tgt Ion: 94 Resp: 68997

Ion Ratio Lower Upper

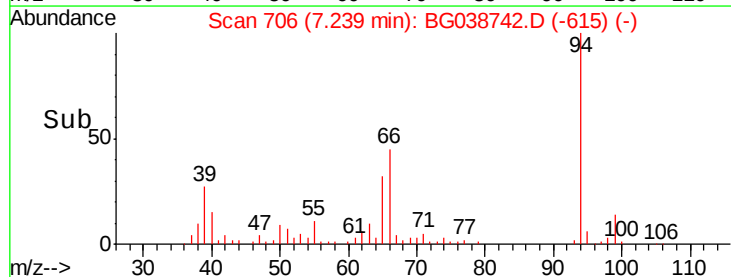
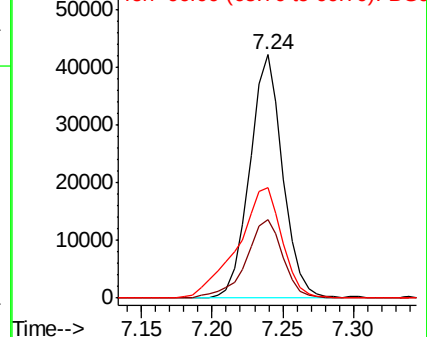
94 100

65 32.0 12.6 52.6

66 45.3 24.1 64.1



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: 25.720 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

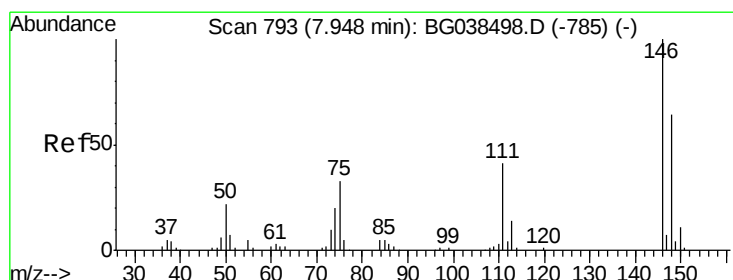
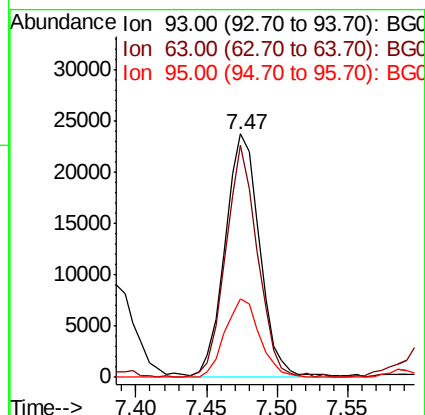
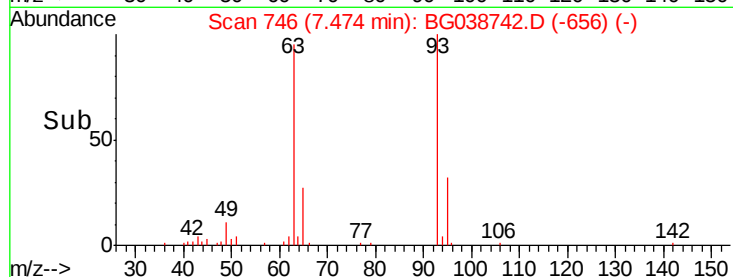
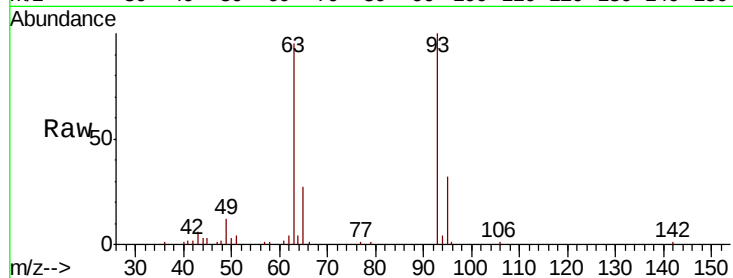
Tgt Ion: 93 Resp: 40864

Ion Ratio Lower Upper

93 100

63 95.5 72.2 112.2

95 32.1 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 26.662 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

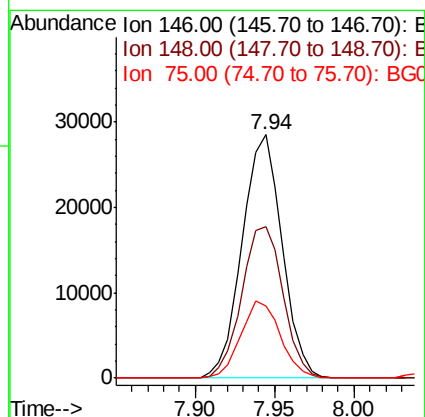
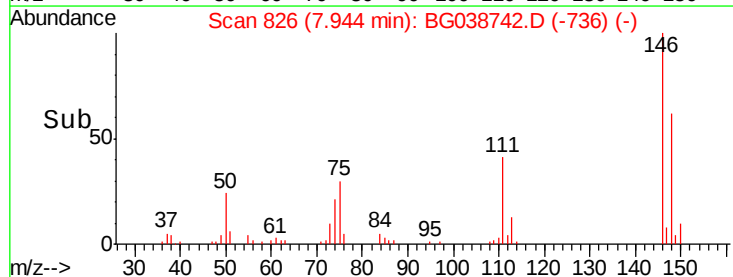
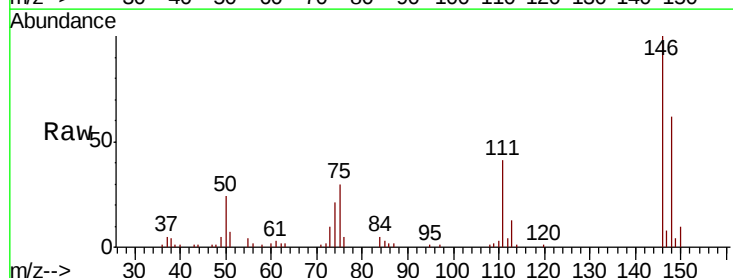
Tgt Ion: 146 Resp: 49915

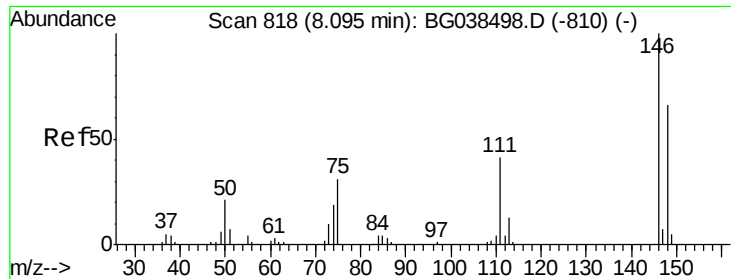
Ion Ratio Lower Upper

146 100

148 62.2 51.4 77.0

75 29.8 26.1 39.1

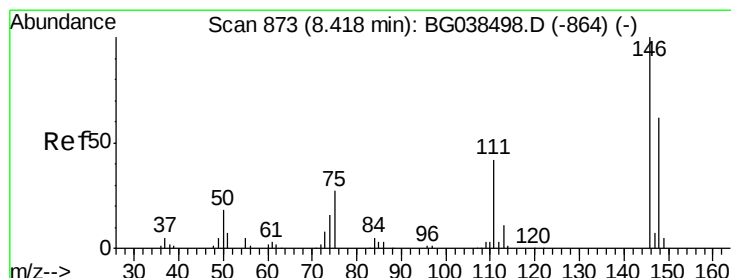
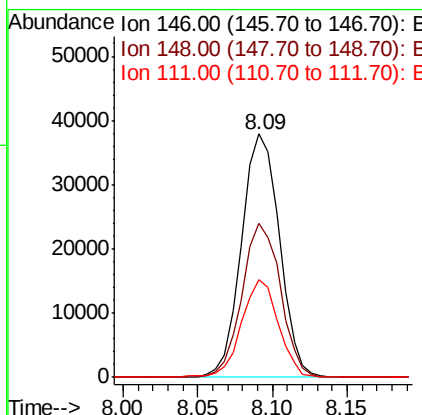
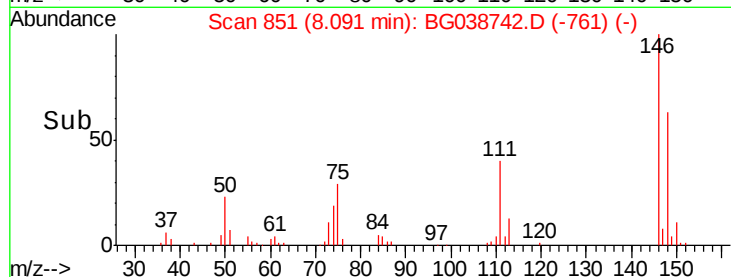
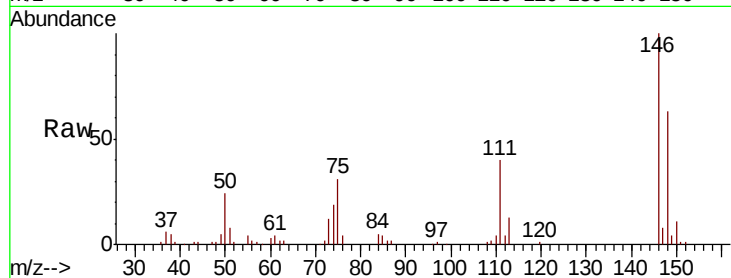




#13
 1,4-Dichlorobenzene
 Concen: 34.811 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

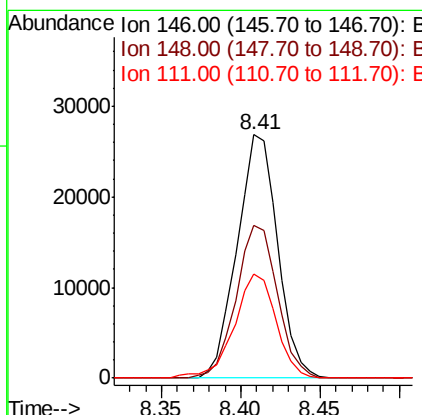
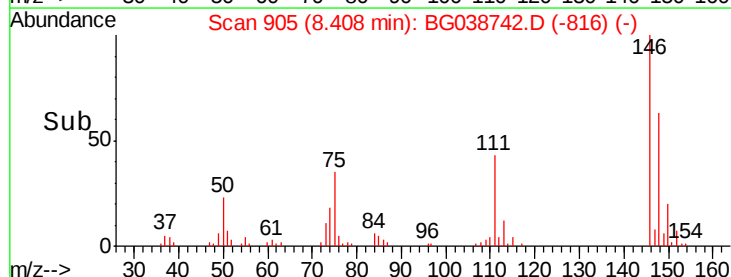
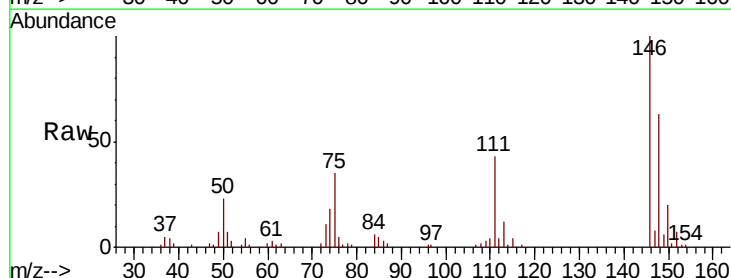
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

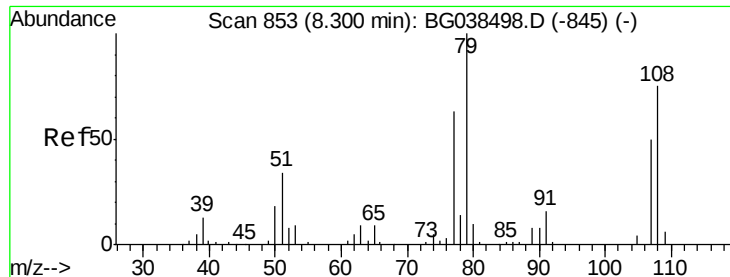
Tgt Ion:146 Resp: 66747
 Ion Ratio Lower Upper
 146 100
 148 63.2 52.4 78.6
 111 40.2 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 26.321 ng
 RT: 8.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:146 Resp: 47579
 Ion Ratio Lower Upper
 146 100
 148 63.0 49.4 74.0
 111 42.8 33.8 50.6





#15

Benzyl Alcohol

Concen: 29.811 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

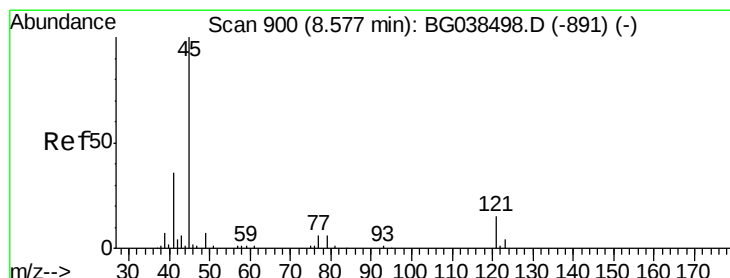
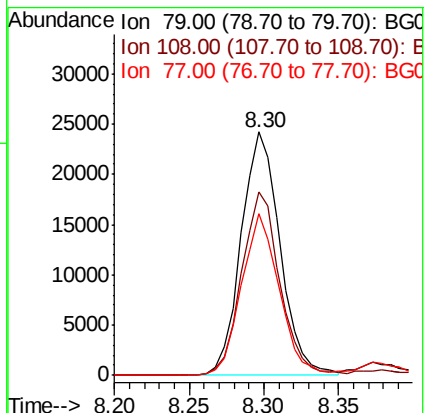
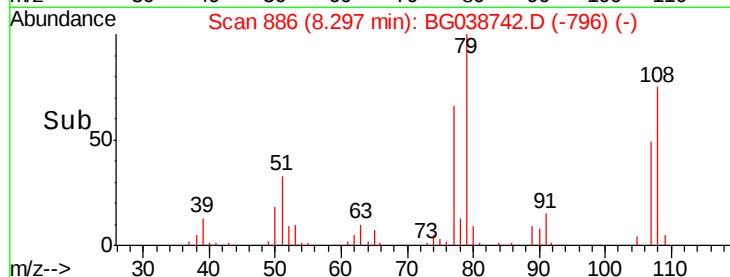
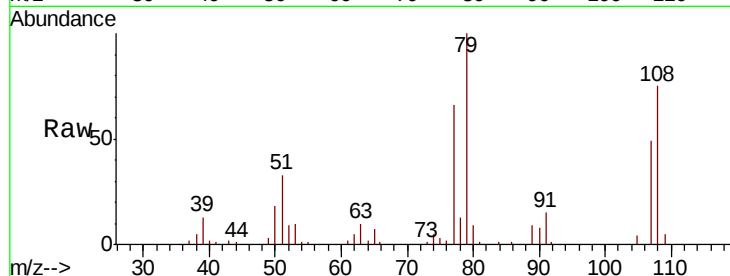
Tgt Ion: 79 Resp: 43706

Ion Ratio Lower Upper

79 100

108 75.2 60.2 90.4

77 66.5 50.7 76.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 23.744 ng

RT: 8.58 min Scan# 934

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

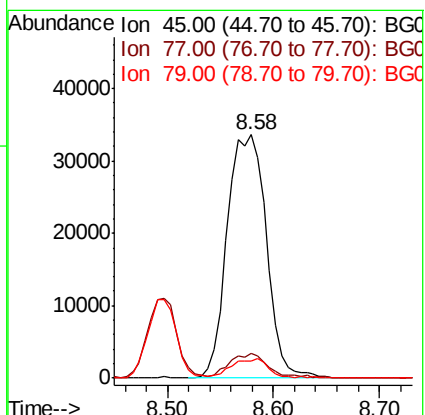
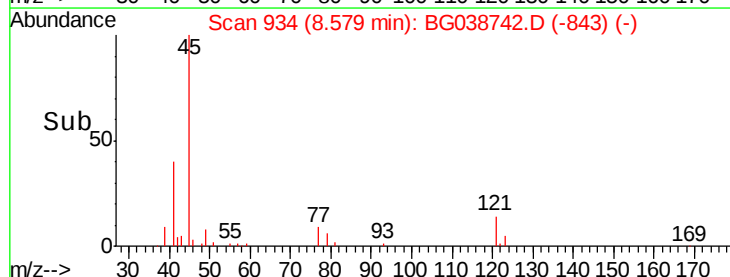
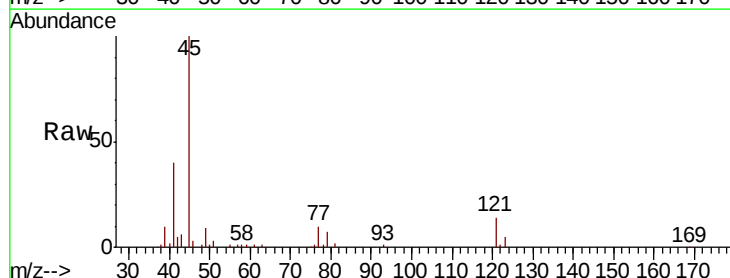
Tgt Ion: 45 Resp: 86415

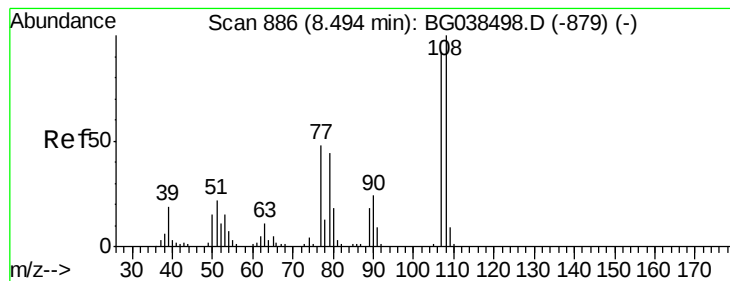
Ion Ratio Lower Upper

45 100

77 10.1 0.0 28.2

79 7.2 0.0 27.2





#17

2-Methylphenol

Concen: 31.201 ng

RT: 8.50 min Scan# 920

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

Tgt Ion:107 Resp: 41715

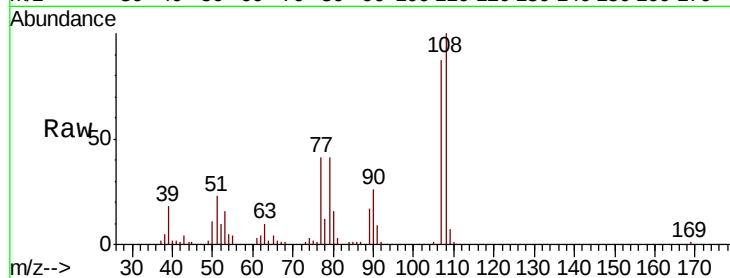
Ion Ratio Lower Upper

107 100

108 115.2 87.1 130.7

77 47.6 42.0 63.0

79 47.4 38.2 57.2

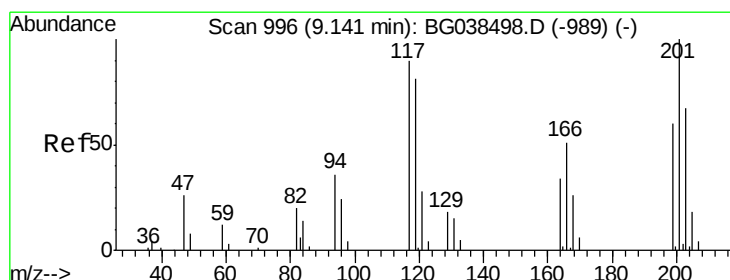
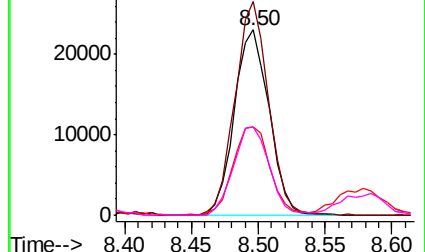
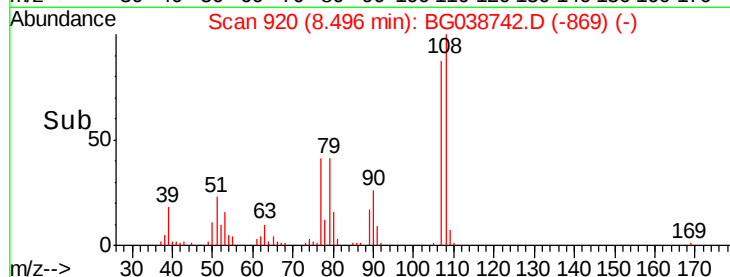


Abundance Ion 107.00 (106.70 to 107.70): E

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: 24.990 ng

RT: 9.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

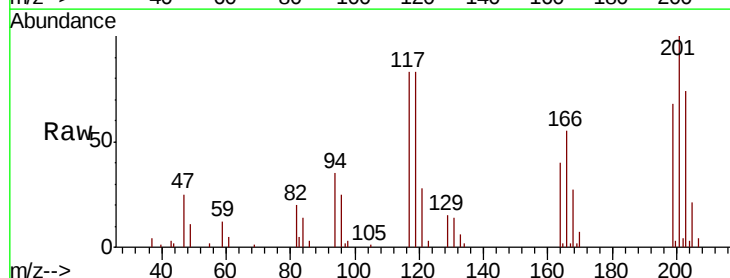
Tgt Ion:117 Resp: 17509

Ion Ratio Lower Upper

117 100

119 100.2 73.8 110.8

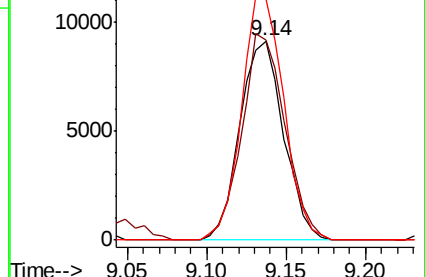
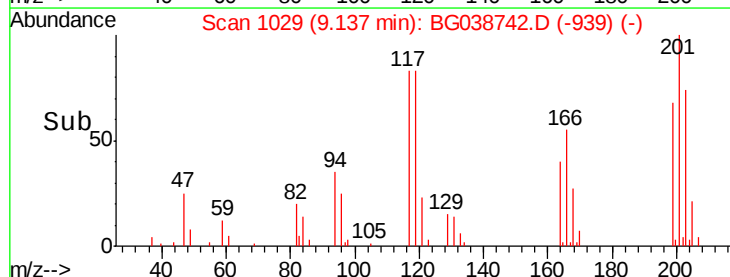
201 120.6 89.4 134.0

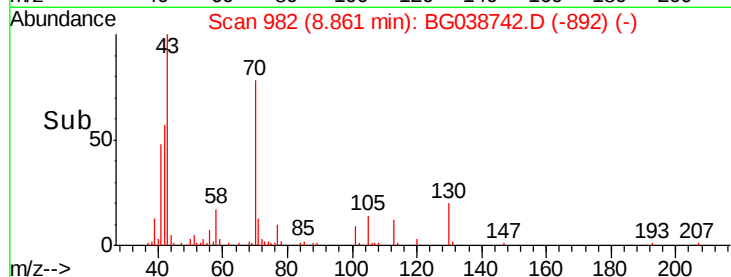
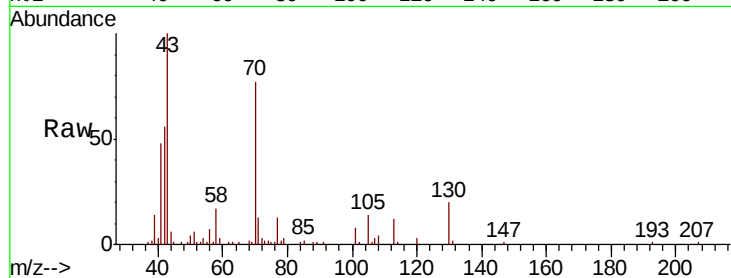
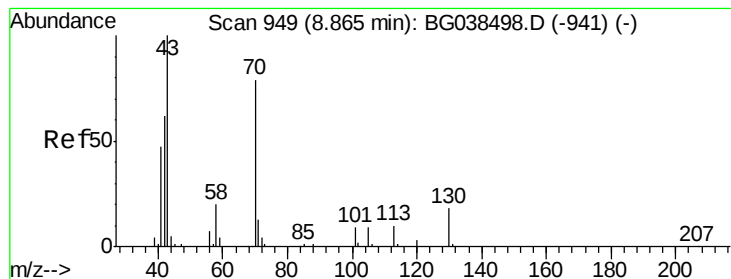


Abundance Ion 117.00 (116.70 to 117.70): E

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: 25.958 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

Tgt Ion: 70 Resp: 34245

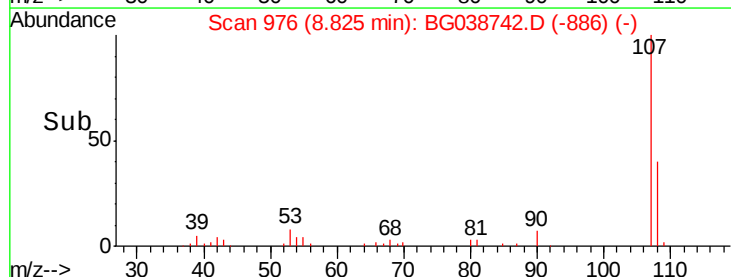
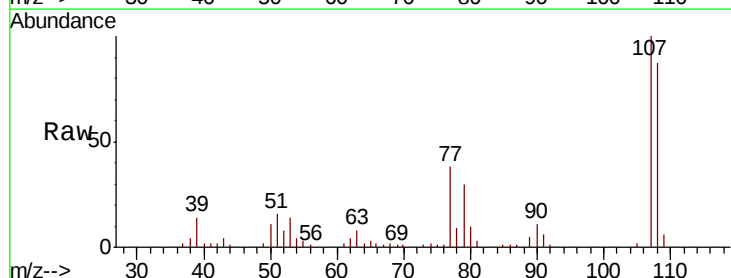
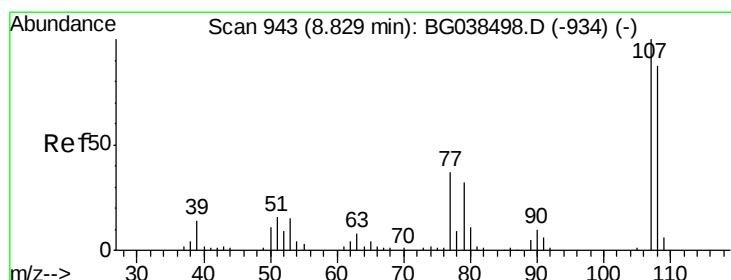
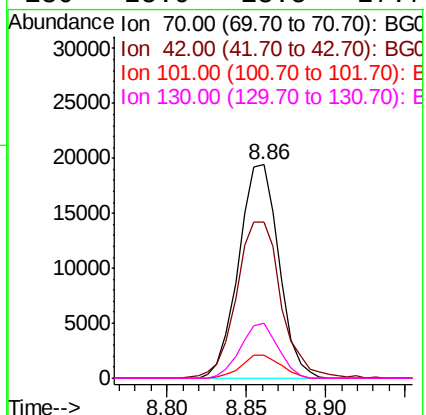
Ion Ratio Lower Upper

70 100

42 73.3 63.6 95.4

101 11.0 9.2 13.8

130 25.9 18.5 27.7



#20

3+4-Methylphenols

Concen: 31.143 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Tgt Ion: 107 Resp: 57504

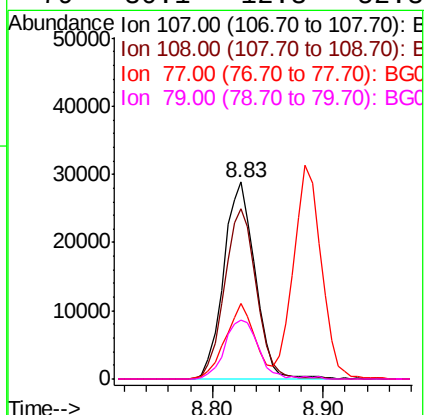
Ion Ratio Lower Upper

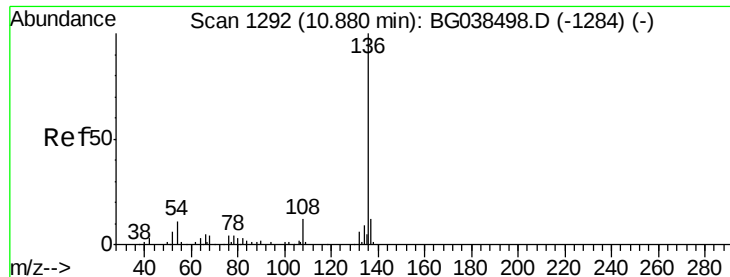
107 100

108 86.8 66.7 106.7

77 38.4 17.3 57.3

79 30.1 12.3 52.3

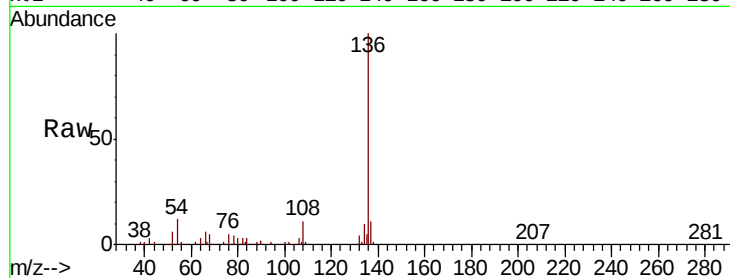




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion:	136	Resp:	99147
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	11.7	8.5	12.7
68	4.8	3.5	5.3



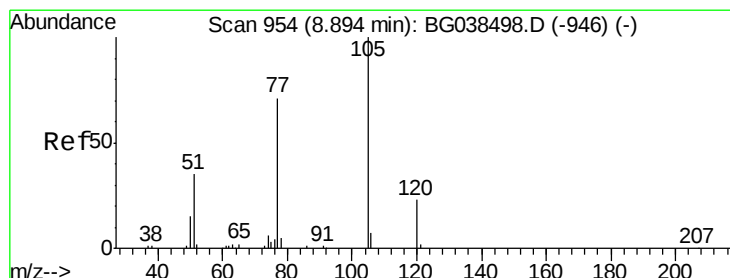
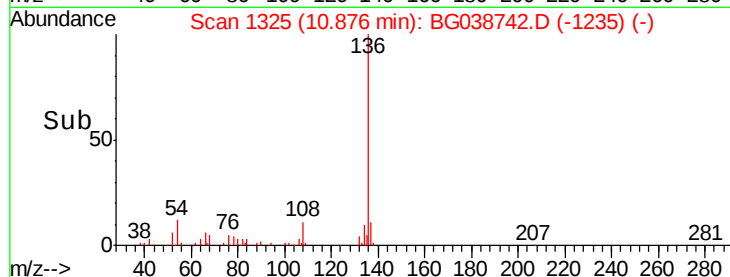
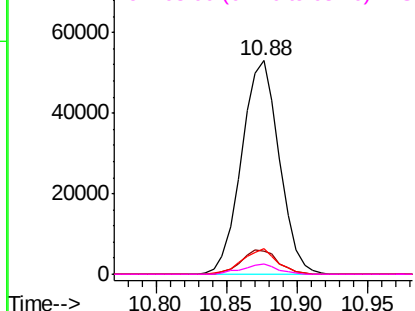
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

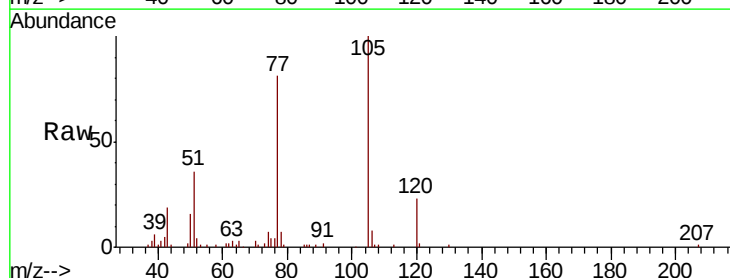
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 28.583 ng
RT: 8.88 min Scan# 986
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion:	105	Resp:	70786
Ion	Ratio	Lower	Upper
105	100		
71	0.5	0.4	0.6
51	36.0	30.6	46.0
120	23.0	18.6	28.0



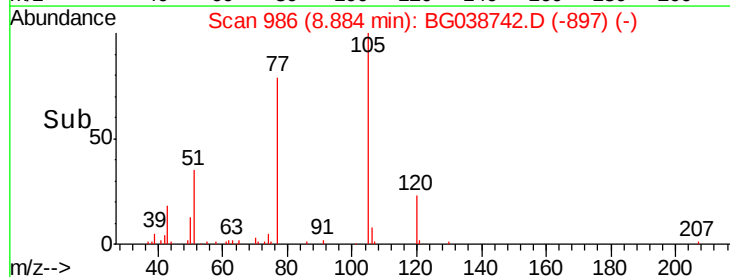
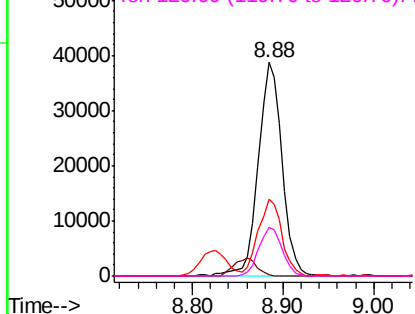
Abundance

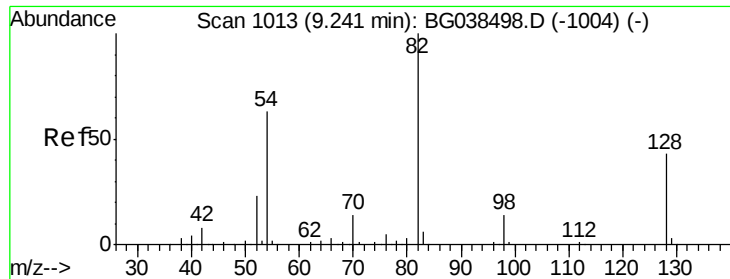
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

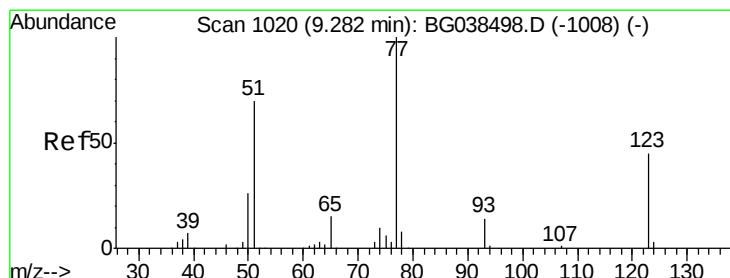
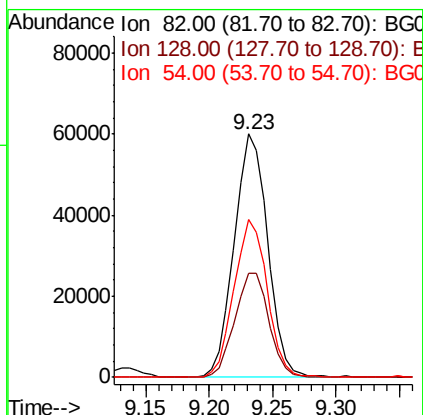
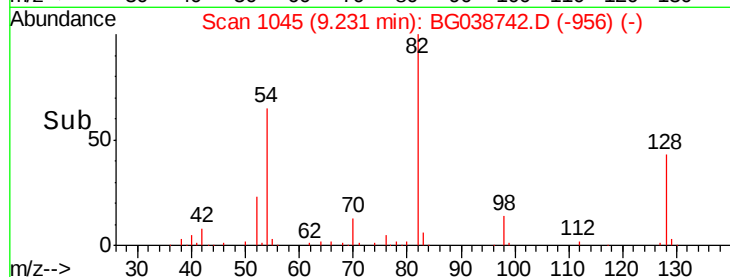
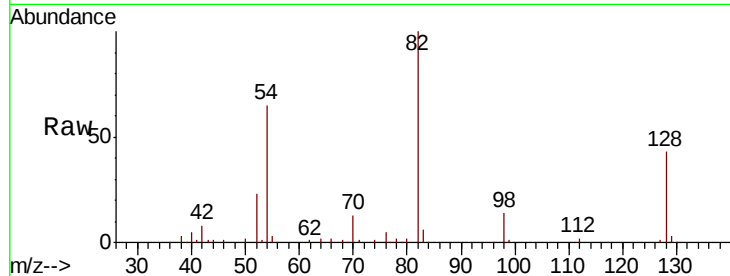




#23
Nitrobenzene-d5
Concen: 56.731 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

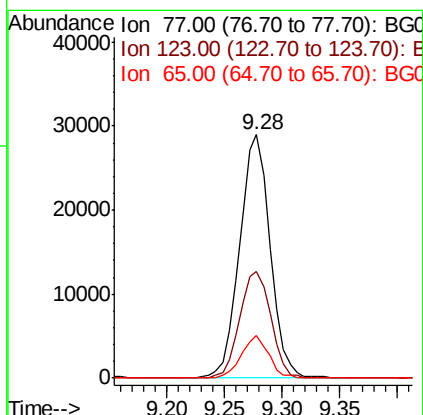
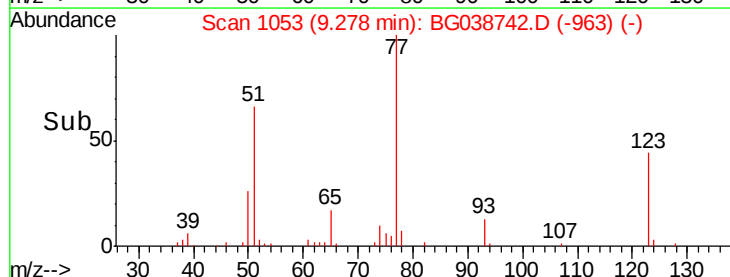
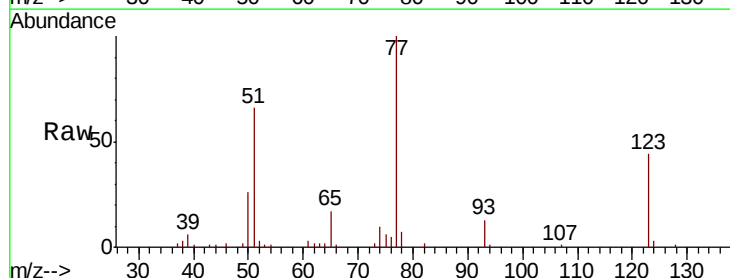
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion: 82 Resp: 110101
Ion Ratio Lower Upper
82 100
128 43.0 34.6 52.0
54 64.9 50.6 76.0



#24
Nitrobenzene
Concen: 27.083 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion: 77 Resp: 53173
Ion Ratio Lower Upper
77 100
123 43.9 35.9 53.9
65 17.4 12.0 18.0

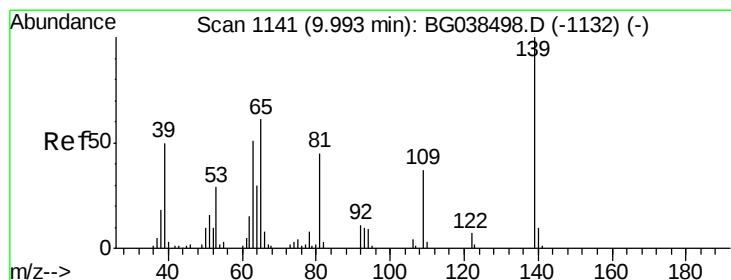
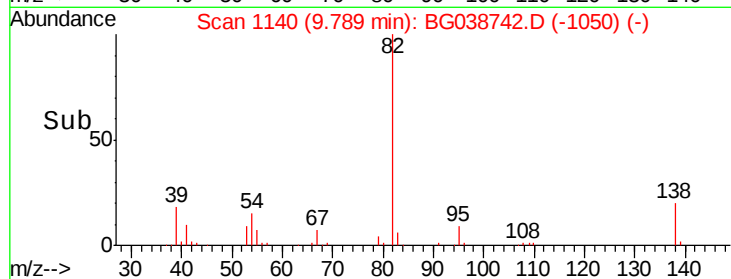
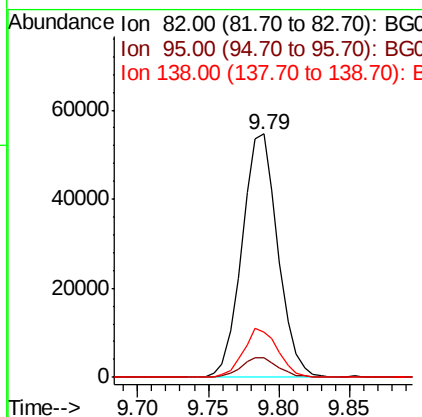
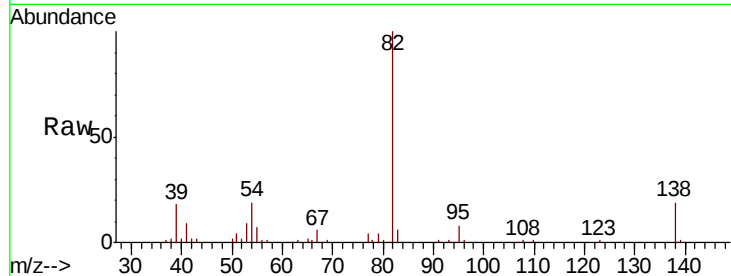




#25
Isophorone
Concen: 27.758 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

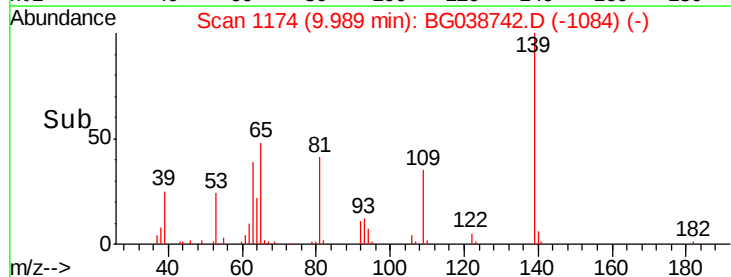
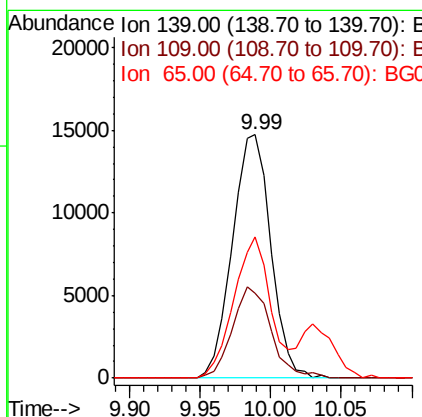
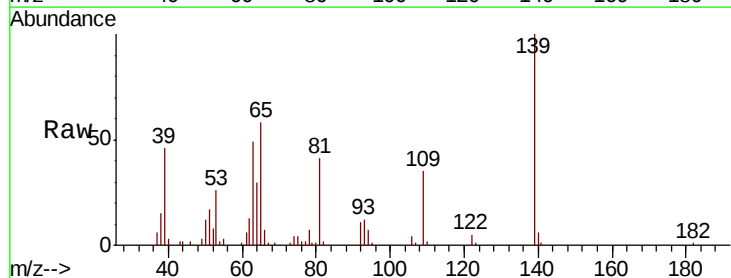
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

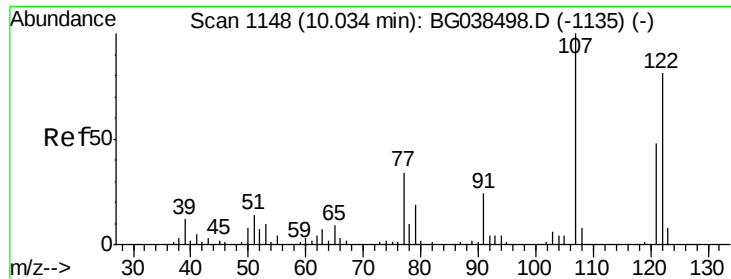
Tgt Ion: 82 Resp: 96789
Ion Ratio Lower Upper
82 100
95 8.3 6.1 9.1
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 27.832 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion: 139 Resp: 27967
Ion Ratio Lower Upper
139 100
109 34.6 29.5 44.3
65 58.0 48.5 72.7

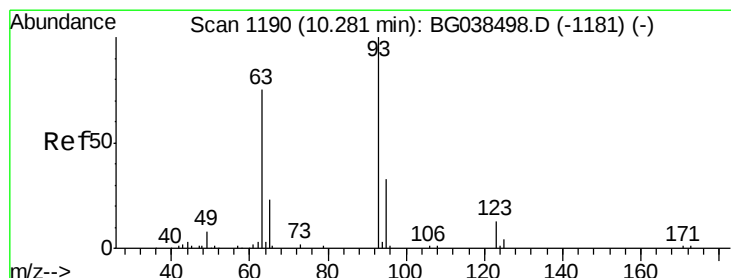
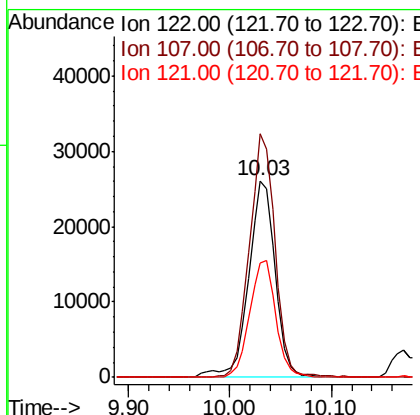
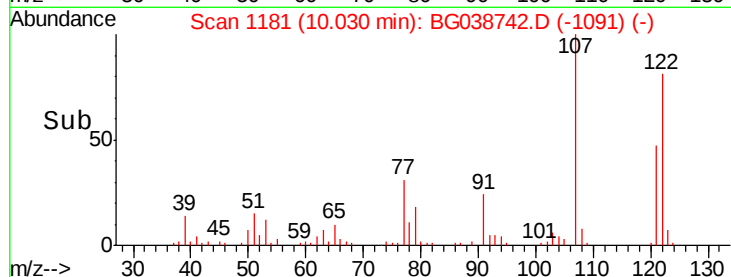
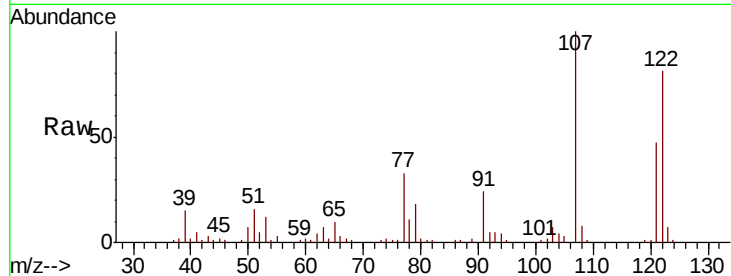




#27
 2,4-Dimethylphenol
 Concen: 32.877 ng
 RT: 10.03 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

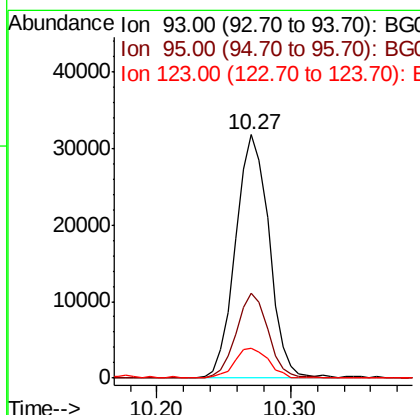
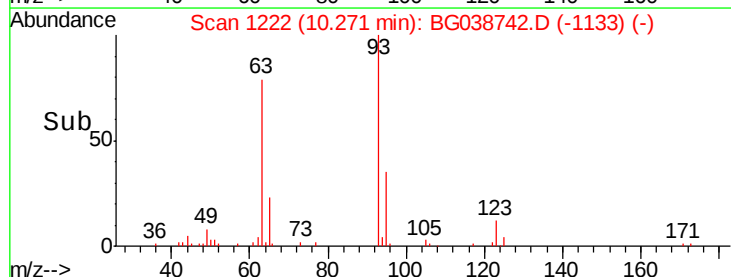
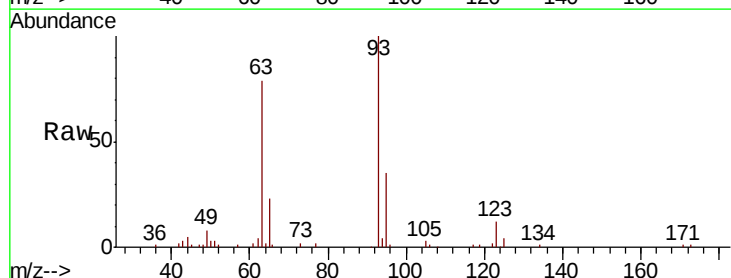
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

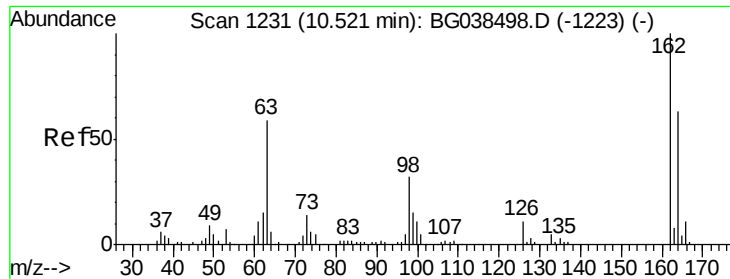
Tgt Ion:122 Resp: 47347
 Ion Ratio Lower Upper
 122 100
 107 123.7 98.4 147.6
 121 58.3 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 28.144 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion: 93 Resp: 55382
 Ion Ratio Lower Upper
 93 100
 95 34.8 26.6 40.0
 123 12.2 10.6 16.0

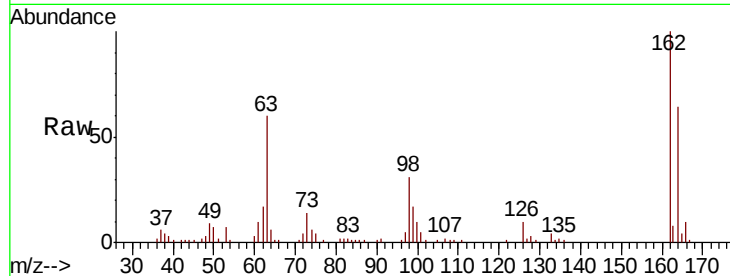




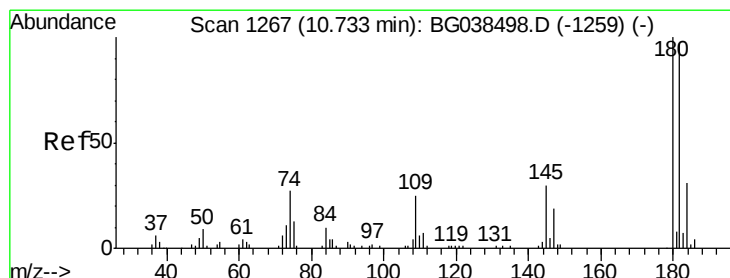
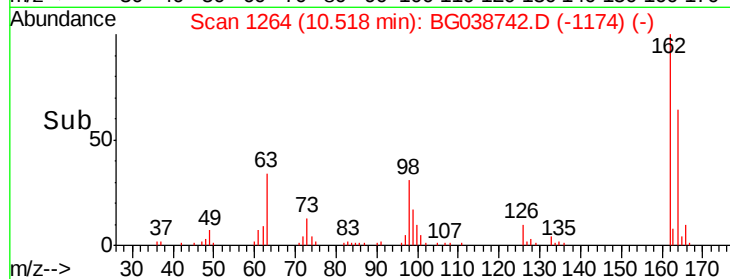
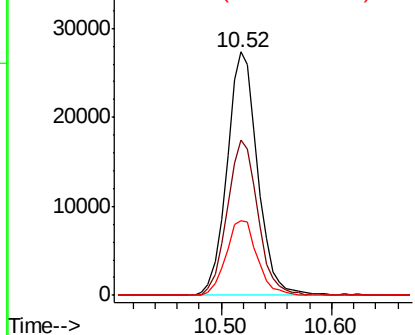
#29
2,4-Dichlorophenol
Concen: 33.010 ng
RT: 10.52 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.9	82.9
98	30.7	12.1	52.1

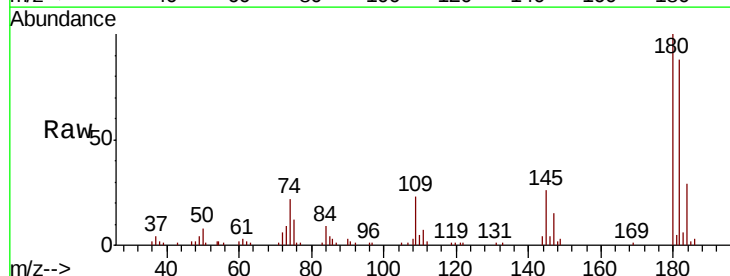


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

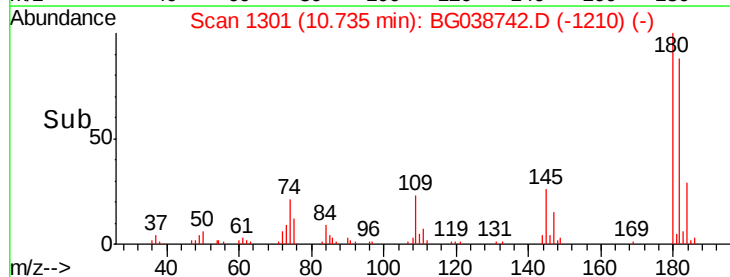
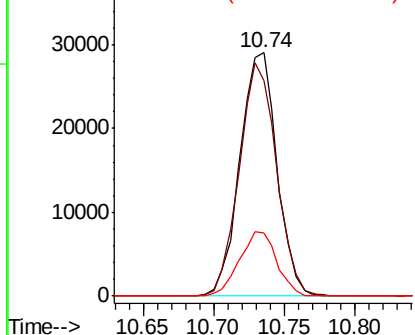


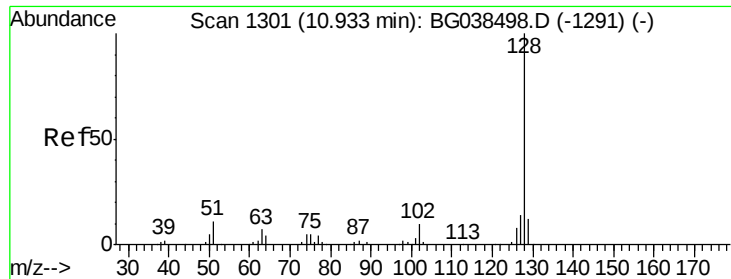
#30
1,2,4-Trichlorobenzene
Concen: 27.592 ng
RT: 10.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	88.5	77.4	116.0
145	26.0	24.1	36.1



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

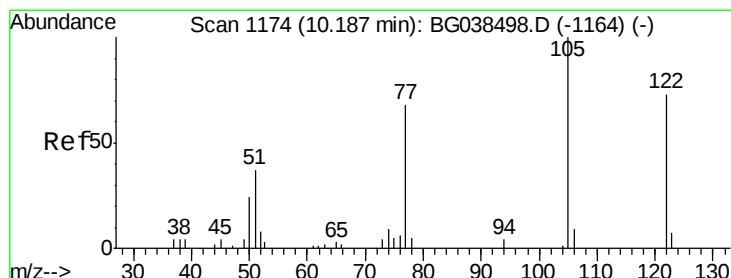
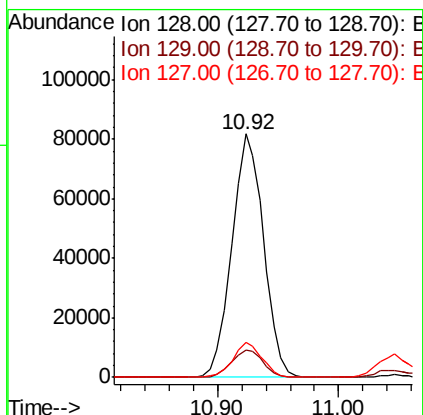
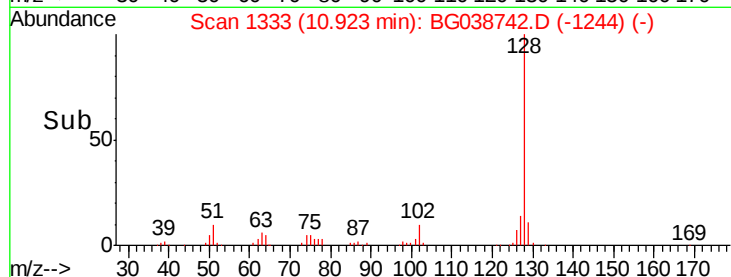
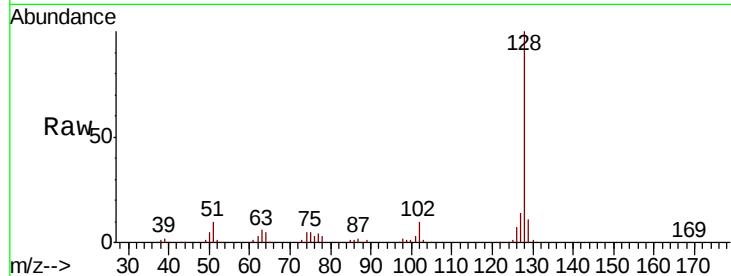




#31
Naphthalene
Concen: 30.518 ng
RT: 10.92 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

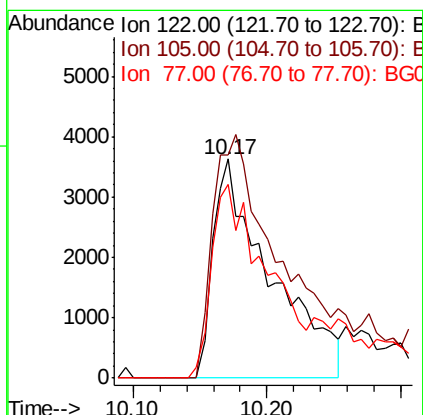
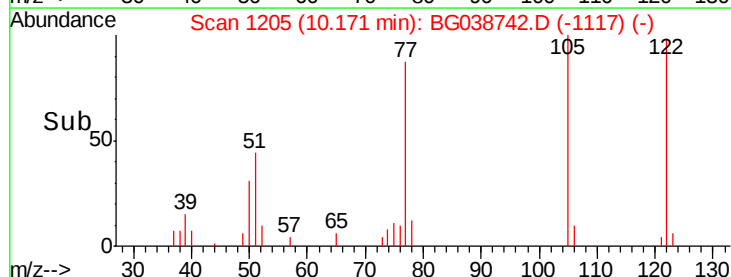
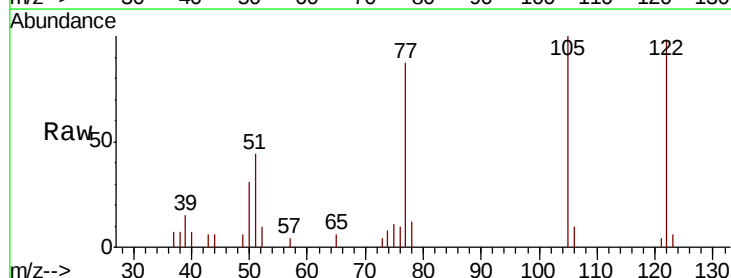
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion:128 Resp: 149082
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 14.5 10.9 16.3



#32
Benzoic acid
Concen: 19.548 ng
RT: 10.17 min Scan# 1205
Delta R.T. -0.02 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion:122 Resp: 10890
Ion Ratio Lower Upper
122 100
105 102.2 116.7 156.7#
77 88.6 72.5 112.5

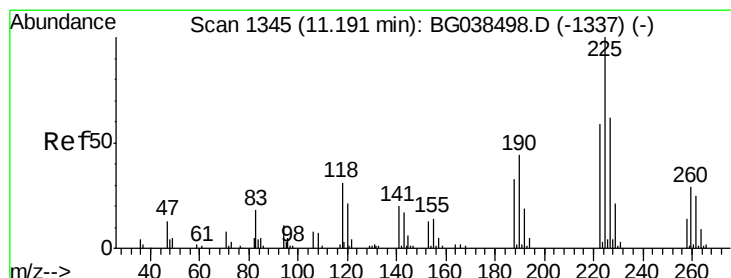
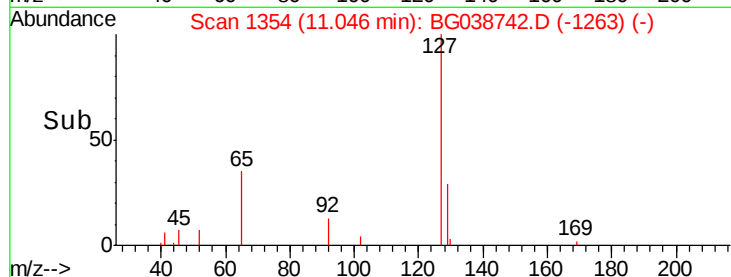
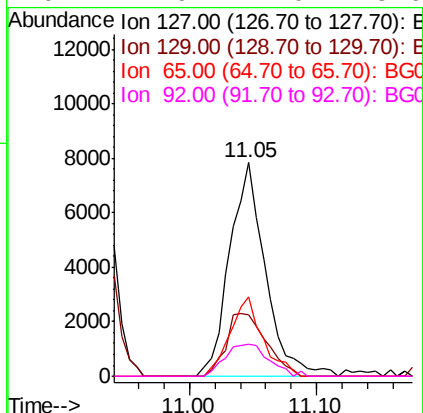
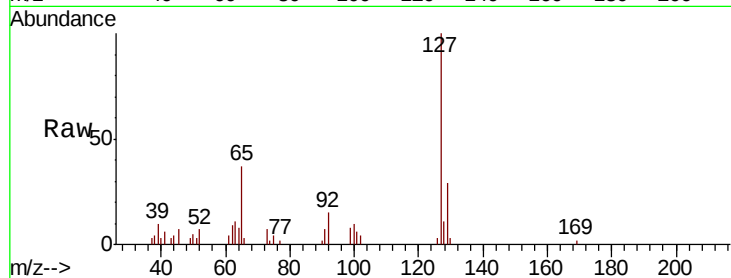




#33
4-Chloroaniline
Concen: 7.230 ng
RT: 11.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

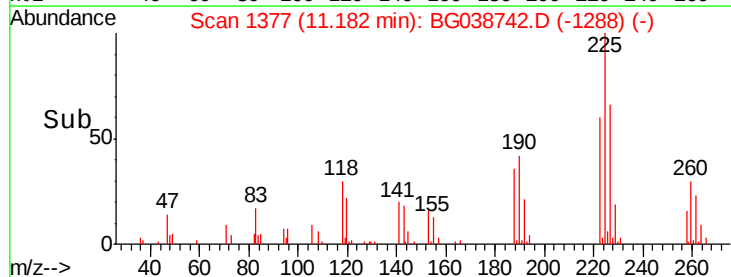
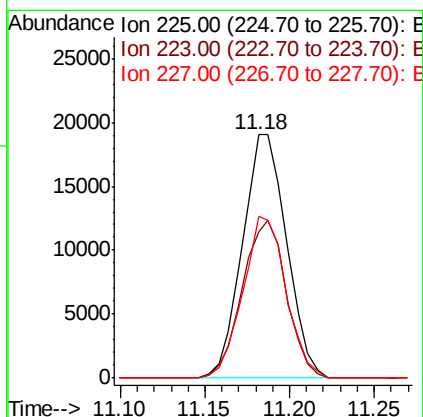
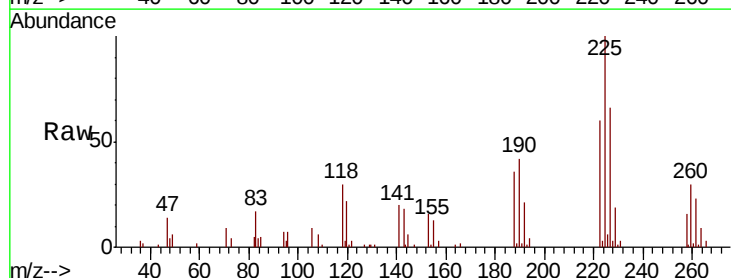
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion:	127	Resp:	15334
Ion	Ratio	Lower	Upper
127	100		
129	28.6	25.8	38.8
65	37.2	27.8	41.6
92	14.9	17.0	25.6



#34
Hexachlorobutadiene
Concen: 26.402 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion:	225	Resp:	34572
Ion	Ratio	Lower	Upper
225	100		
223	59.8	45.0	67.6
227	65.5	50.6	75.8





#35

Caprolactam

Concen: 27.506 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

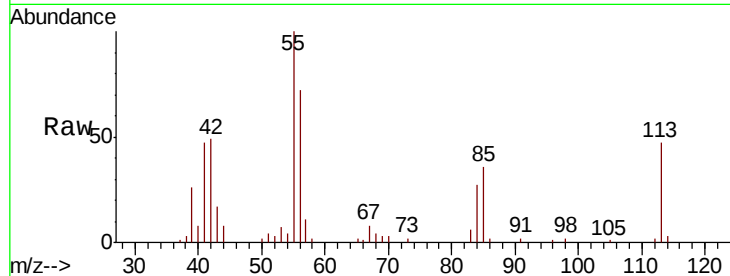
Tgt Ion:113 Resp: 18237

Ion Ratio Lower Upper

113 100

55 213.4 204.3 244.3

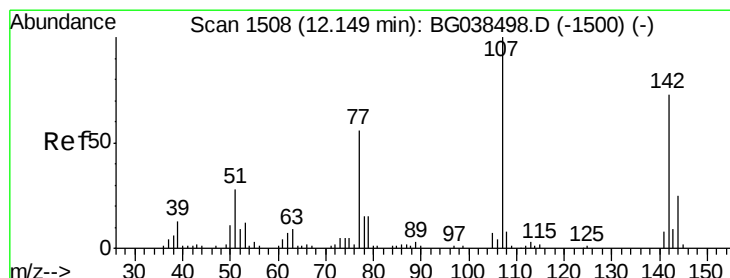
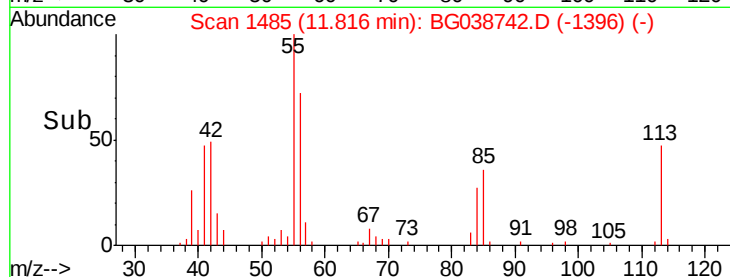
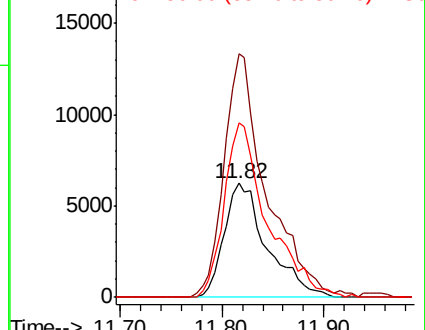
56 152.7 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 30.921 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

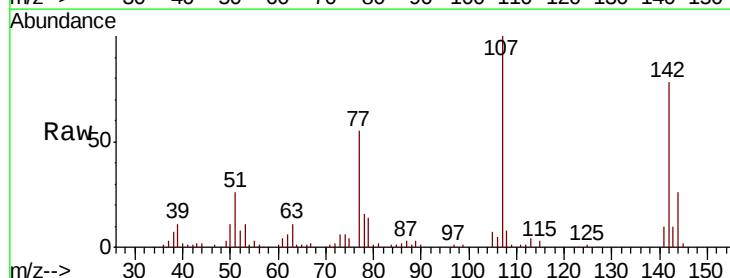
Tgt Ion:107 Resp: 56533

Ion Ratio Lower Upper

107 100

144 26.3 20.1 30.1

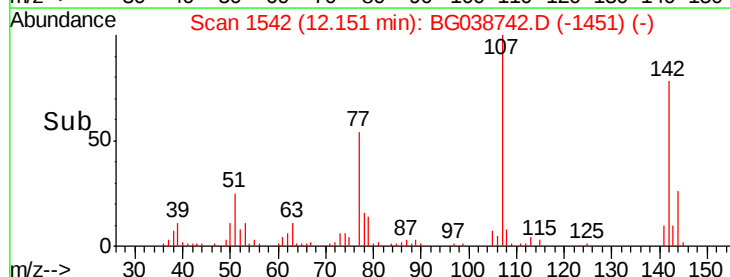
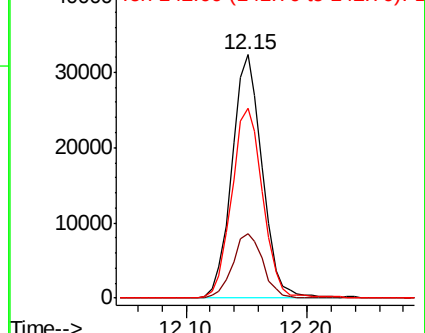
142 77.9 58.7 88.1

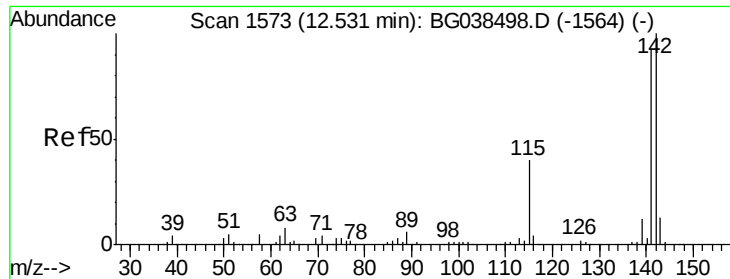


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

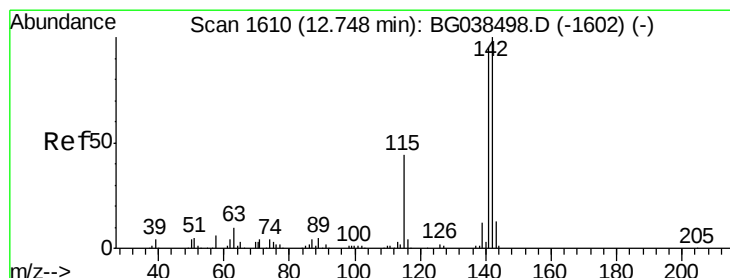
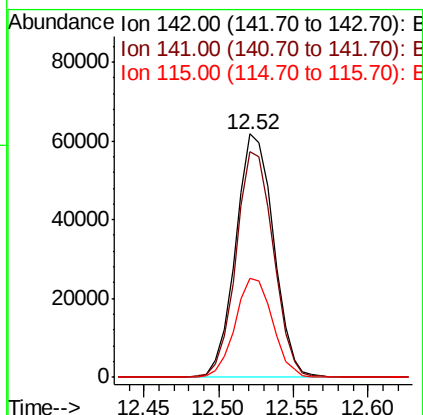
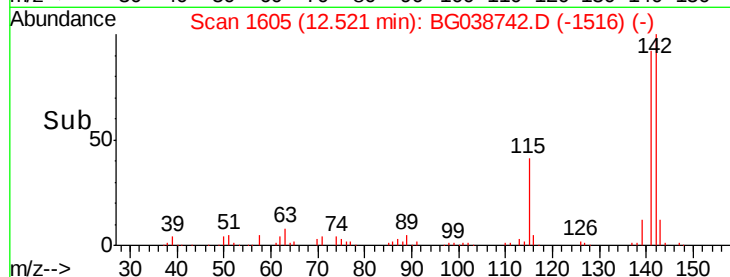
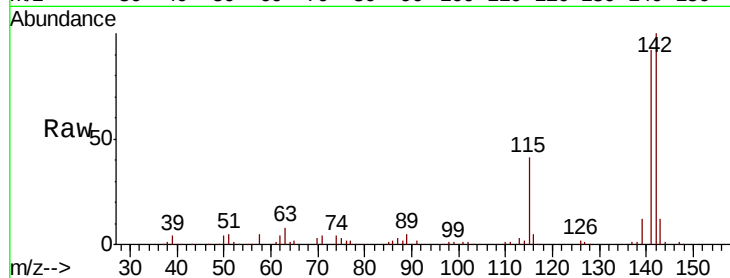




#37
 2-Methylnaphthalene
 Concen: 31.300 ng
 RT: 12.52 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

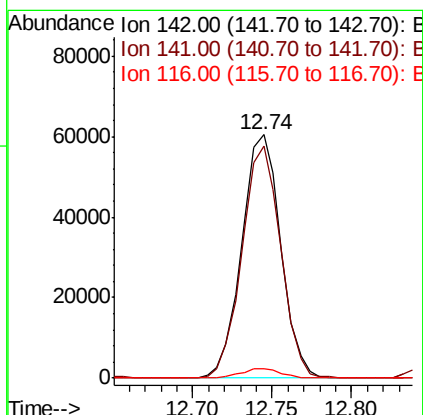
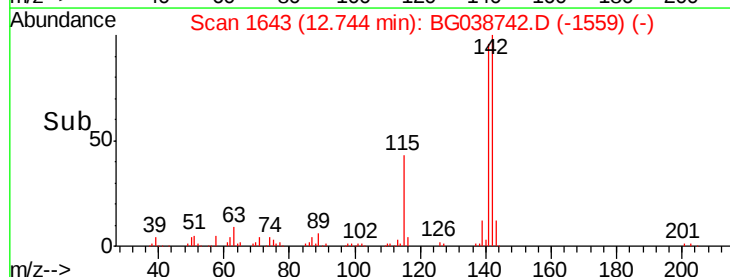
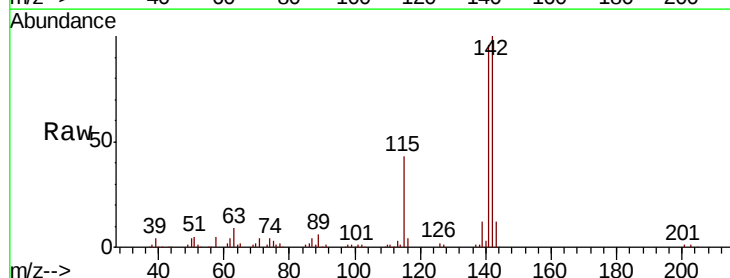
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion:142 Resp: 109081
 Ion Ratio Lower Upper
 142 100
 141 92.5 73.5 110.3
 115 40.9 31.7 47.5



#38
 1-Methylnaphthalene
 Concen: 30.551 ng
 RT: 12.74 min Scan# 1643
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:142 Resp: 103319
 Ion Ratio Lower Upper
 142 100
 141 95.5 75.8 113.8
 116 3.7 3.6 5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

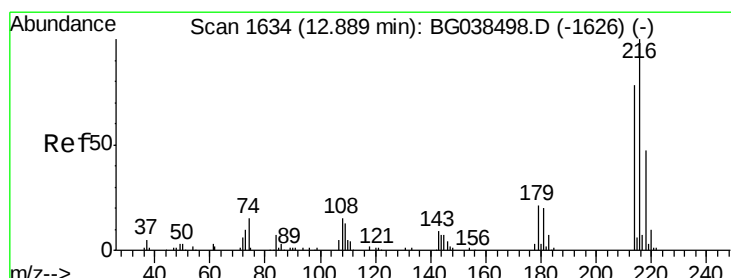
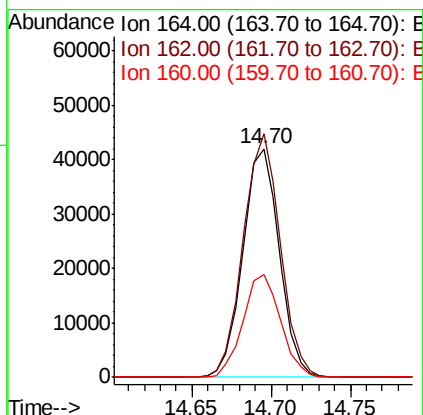
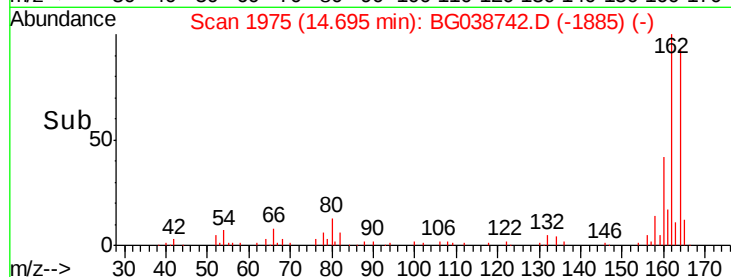
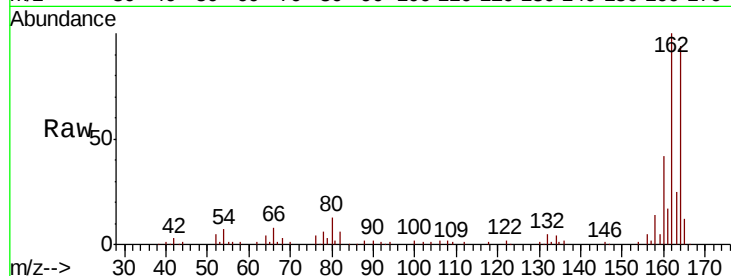
Tgt Ion:164 Resp: 67147

Ion Ratio Lower Upper

164 100

162 106.5 86.6 130.0

160 44.9 34.2 51.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.029 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Tgt Ion:216 Resp: 65331

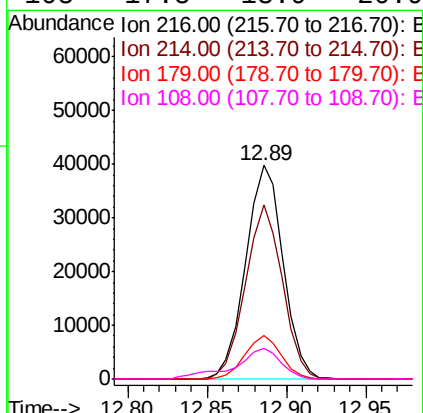
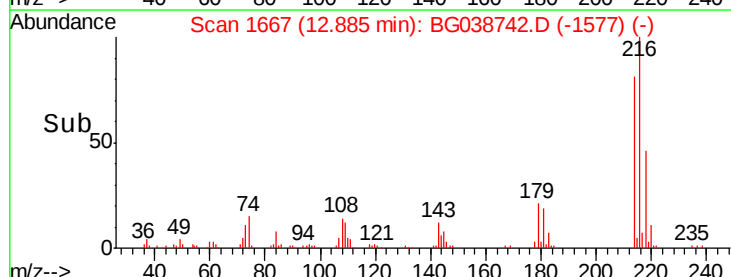
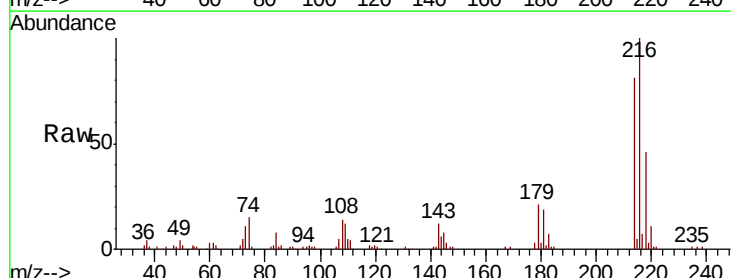
Ion Ratio Lower Upper

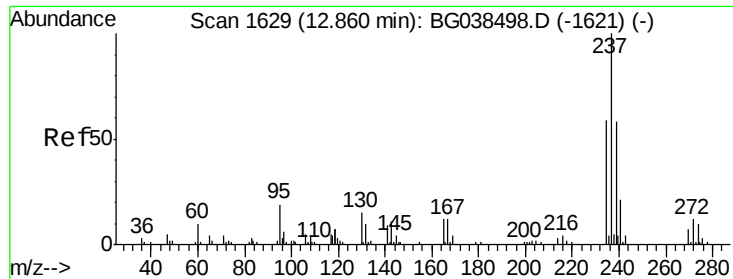
216 100

214 80.2 64.1 96.1

179 19.6 16.4 24.6

108 17.5 13.9 20.9





#41

Hexachlorocyclopentadiene

Concen: 49.729 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

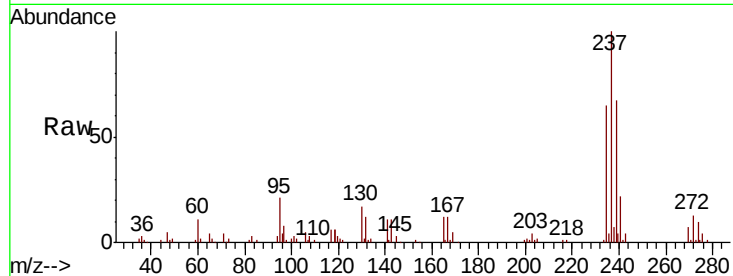
Tgt Ion: 237 Resp: 68574

Ion Ratio Lower Upper

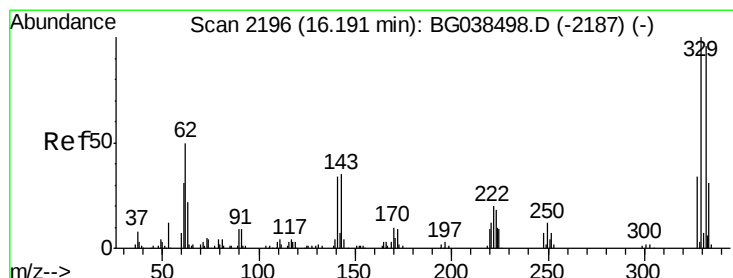
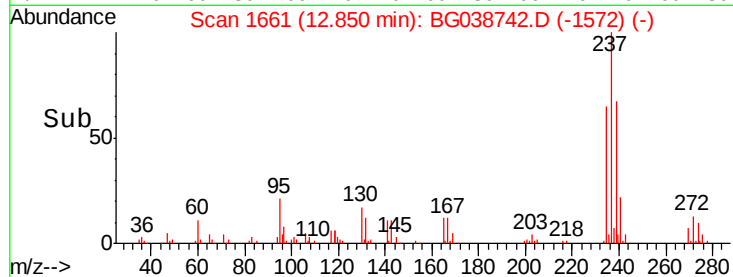
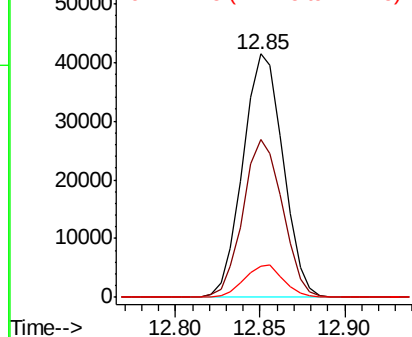
237 100

235 64.9 38.8 78.8

272 12.9 0.0 32.0



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: 98.550 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

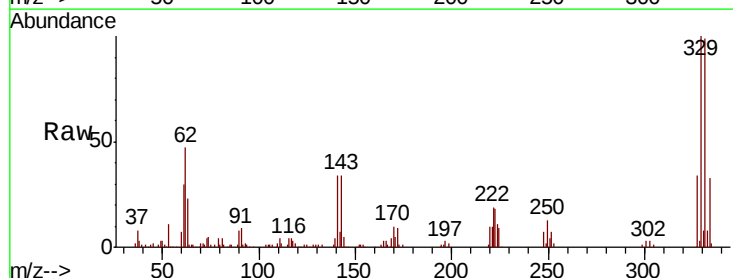
Tgt Ion: 330 Resp: 91199

Ion Ratio Lower Upper

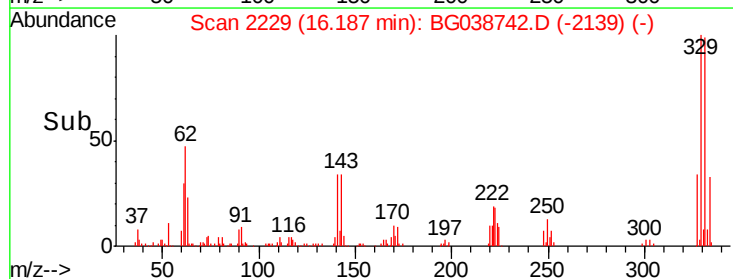
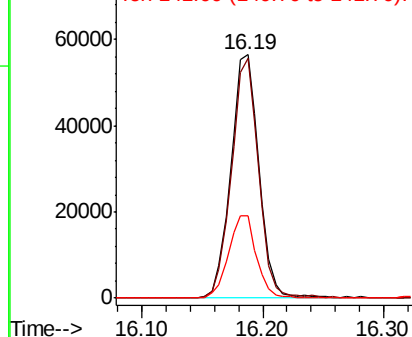
330 100

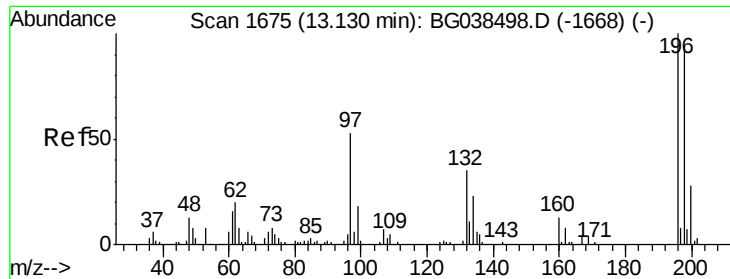
332 95.5 76.9 115.3

141 33.7 28.8 43.2



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

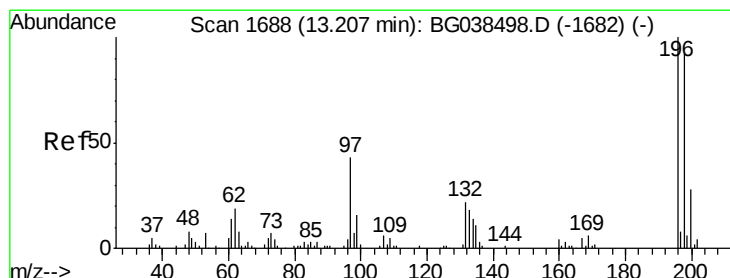
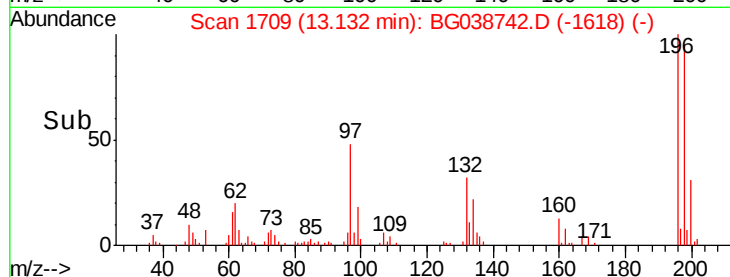
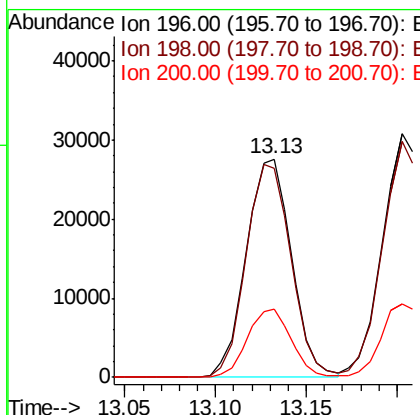
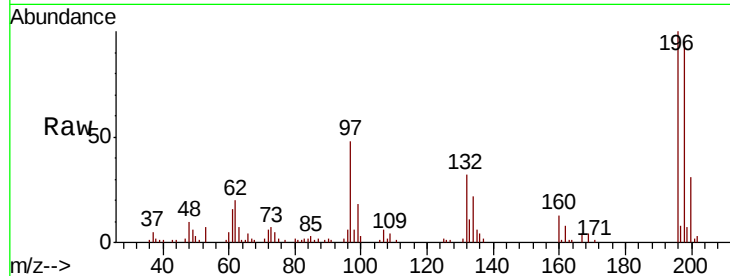




#43
 2,4,6-Trichlorophenol
 Concen: 31.048 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

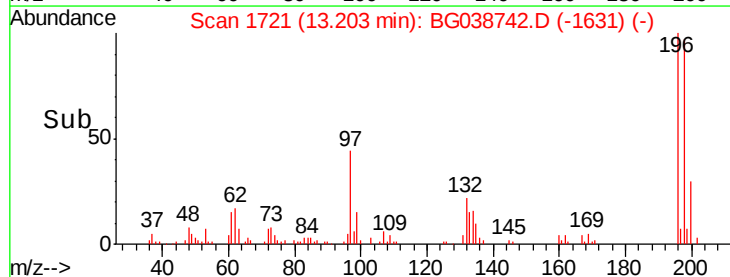
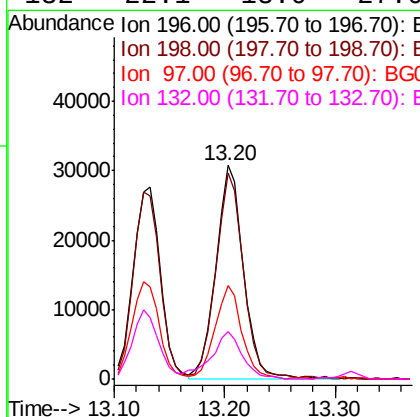
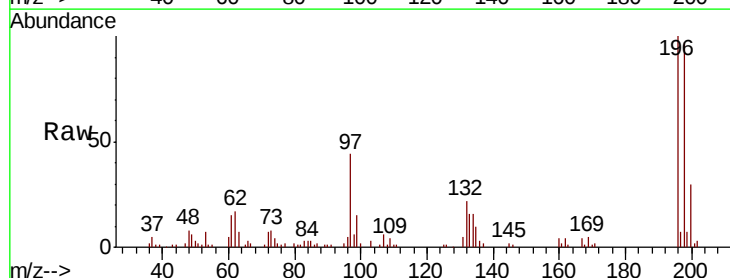
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

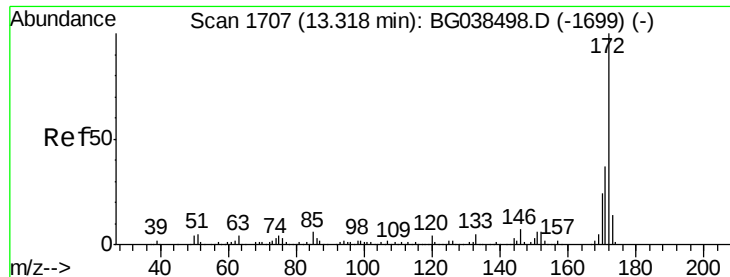
Tgt Ion:196 Resp: 47916
 Ion Ratio Lower Upper
 196 100
 198 95.5 75.0 112.4
 200 31.2 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 32.693 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:196 Resp: 53420
 Ion Ratio Lower Upper
 196 100
 198 96.8 74.0 111.0
 97 43.7 35.1 52.7
 132 22.1 18.0 27.0

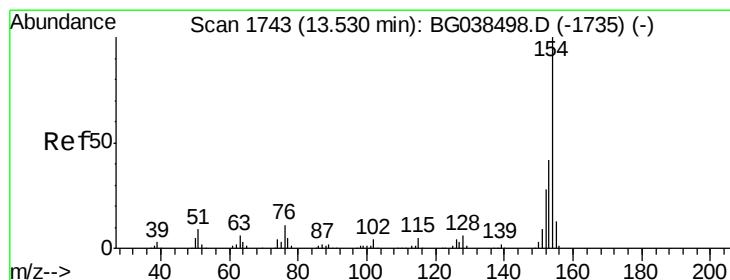
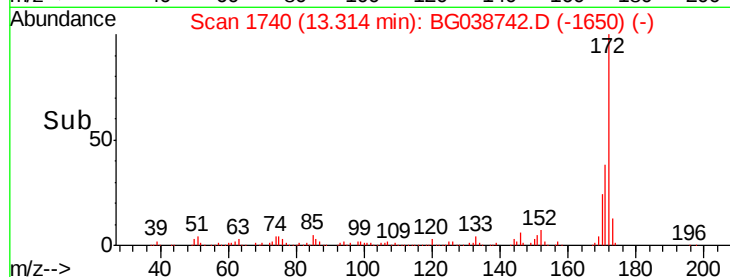
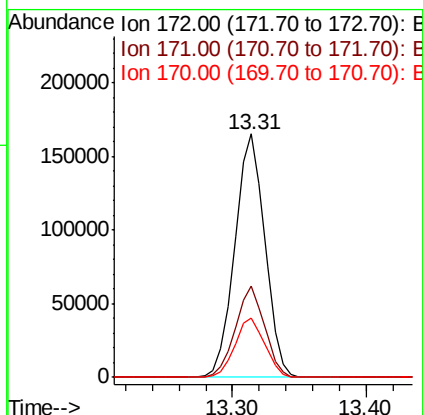
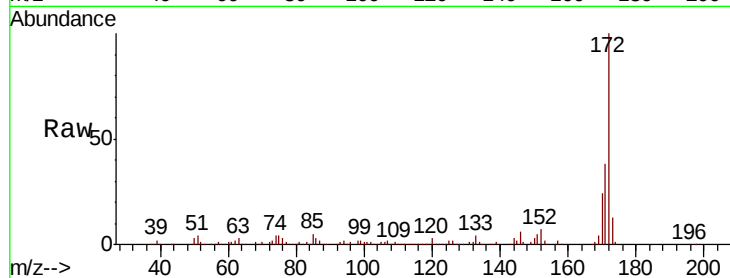




#45
 2-Fluorobiphenyl
 Concen: 52.538 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

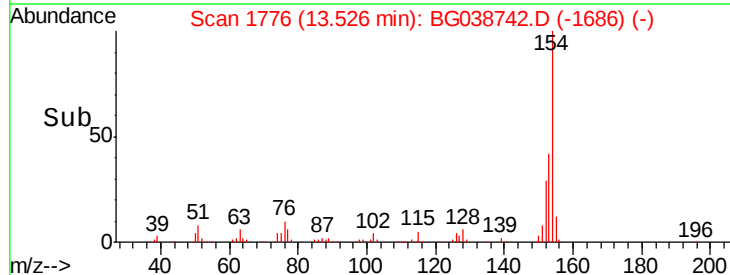
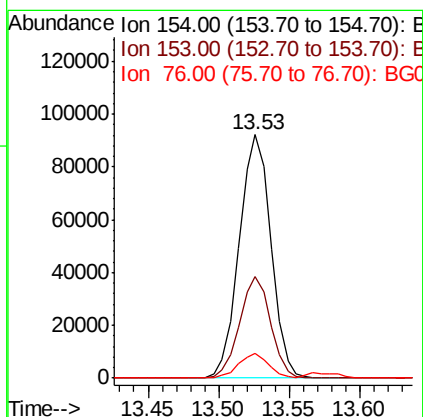
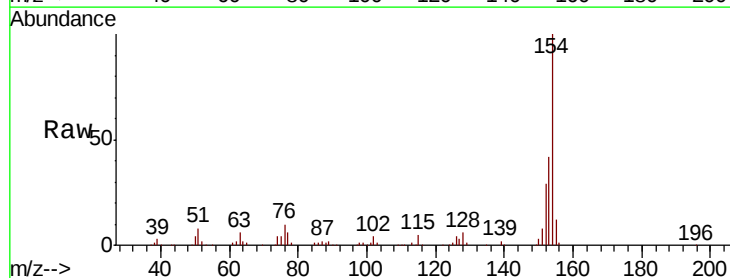
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.8	44.6
170	24.1	19.5	29.3



#46
 1,1'-Biphenyl
 Concen: 25.679 ng
 RT: 13.53 min Scan# 1776
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	22.1	62.1
76	10.0	0.0	31.2

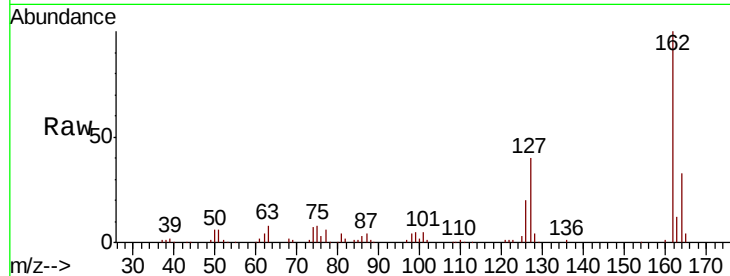




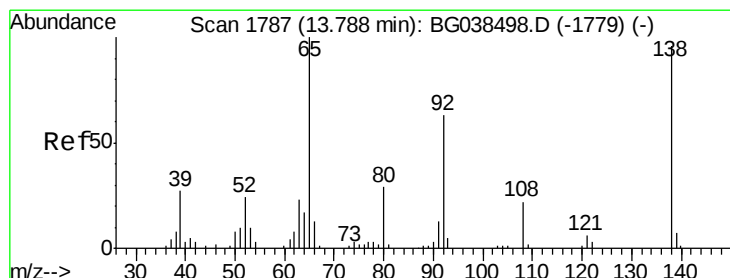
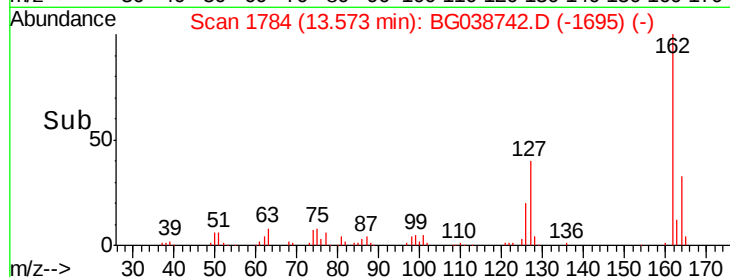
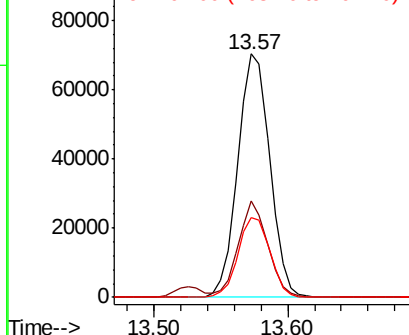
#47
 2-Chloronaphthalene
 Concen: 26.845 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion: 162 Resp: 116727
 Ion Ratio Lower Upper
 162 100
 127 39.6 27.8 41.8
 164 32.6 26.9 40.3

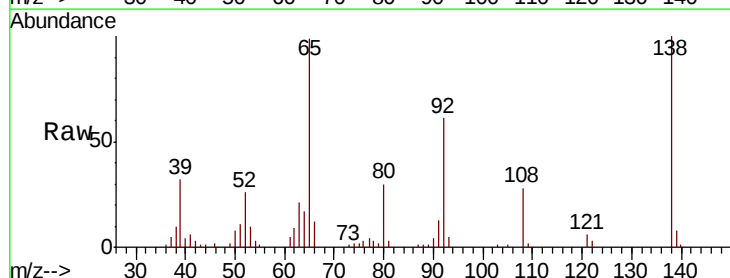


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

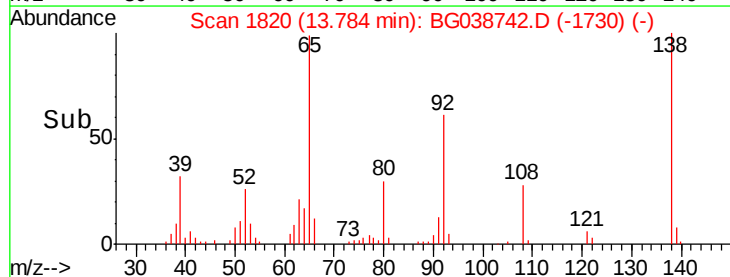
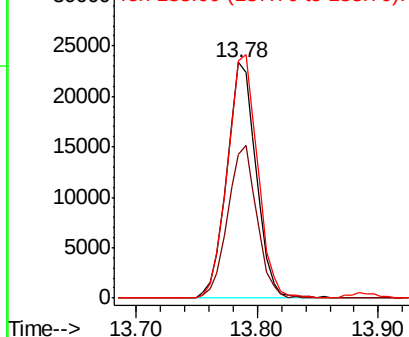


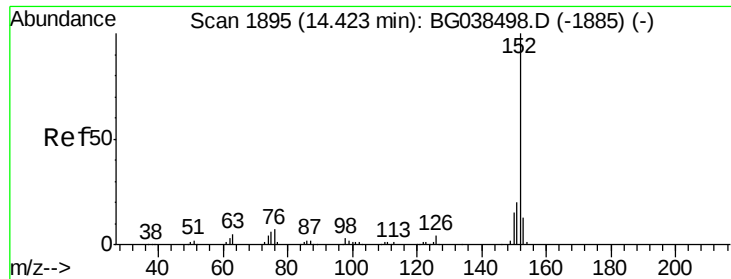
#48
 2-Nitroaniline
 Concen: 28.477 ng
 RT: 13.78 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion: 65 Resp: 39441
 Ion Ratio Lower Upper
 65 100
 92 61.3 50.0 75.0
 138 100.8 76.9 115.3



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





#49

Acenaphthylene

Concen: 29.624 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

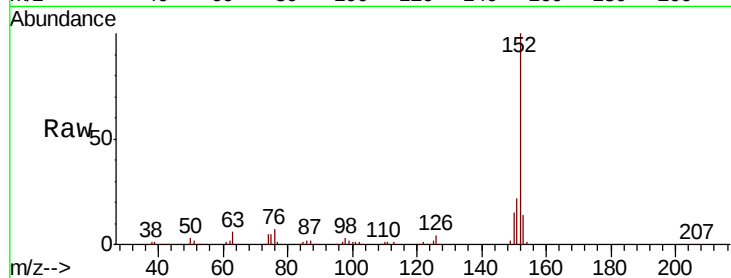
Tgt Ion:152 Resp: 192568

Ion Ratio Lower Upper

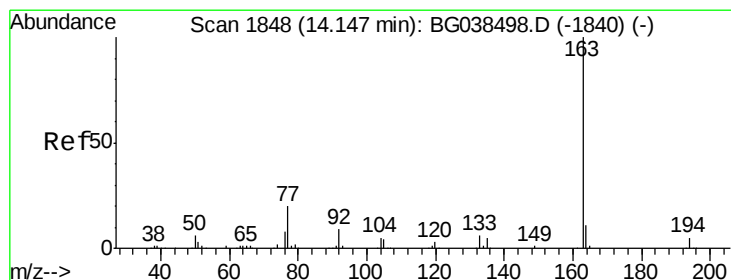
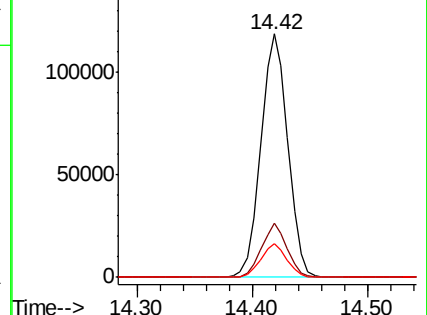
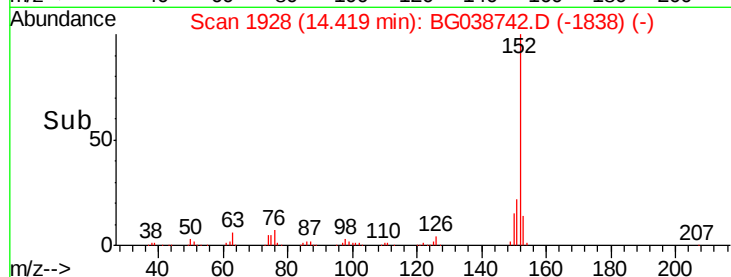
152 100

151 22.5 16.4 24.6

153 13.6 10.4 15.6



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: 36.864 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

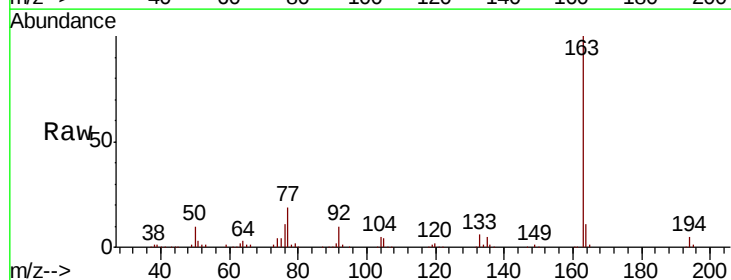
Tgt Ion:163 Resp: 202143

Ion Ratio Lower Upper

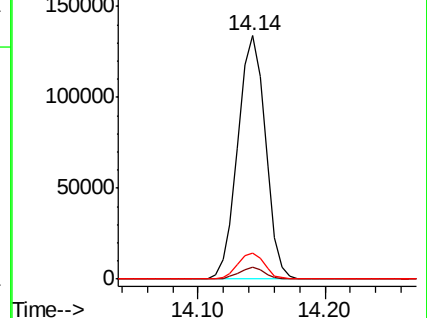
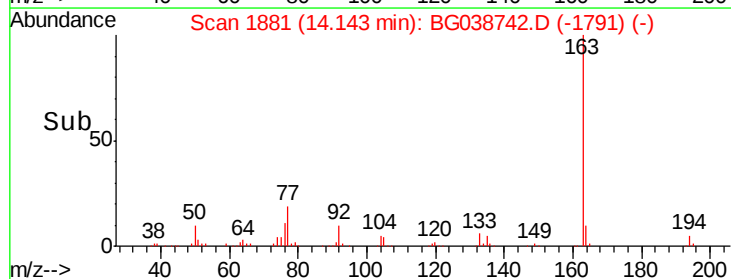
163 100

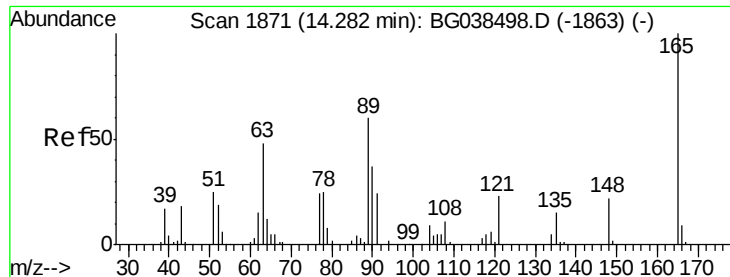
194 4.8 3.7 5.5

164 10.7 8.6 12.8



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: 28.991 ng

RT: 14.28 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

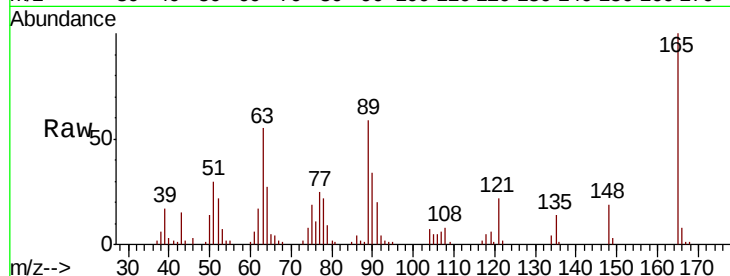
Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

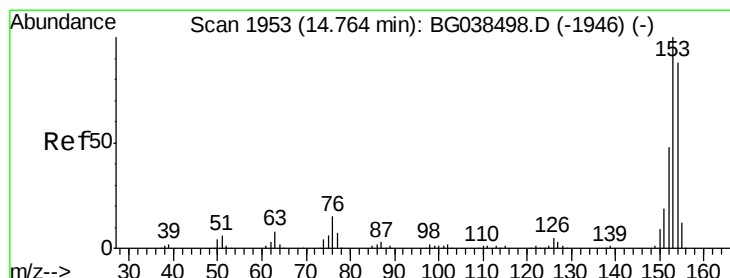
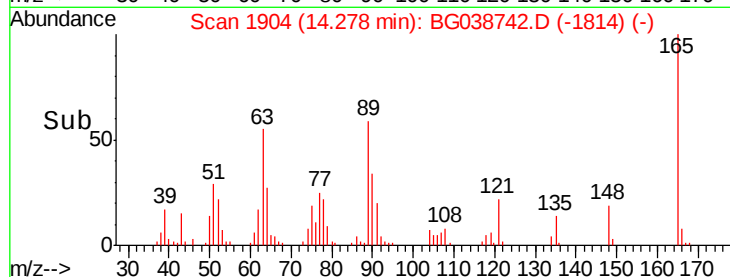
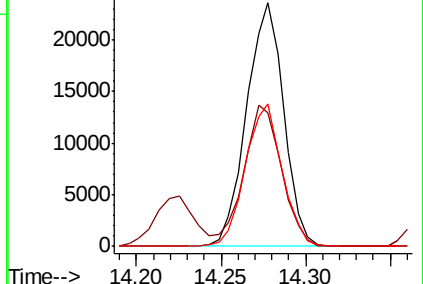
Tgt Ion:	165	Resp:	36026
Ion Ratio	Lower	Upper	
165	100		
63	55.0	51.8	77.6
89	58.6	47.9	71.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 28.218 ng

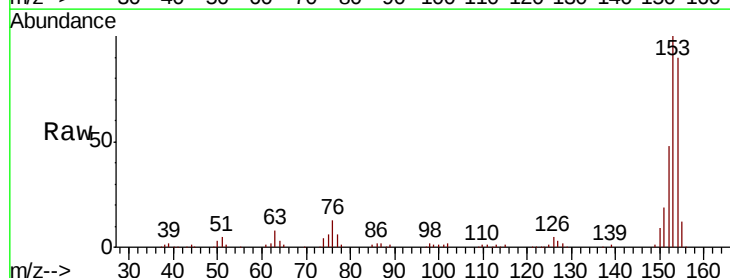
RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

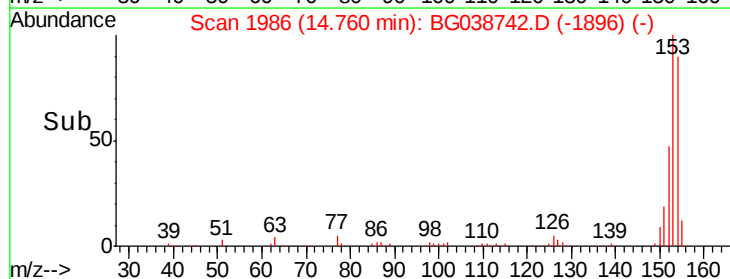
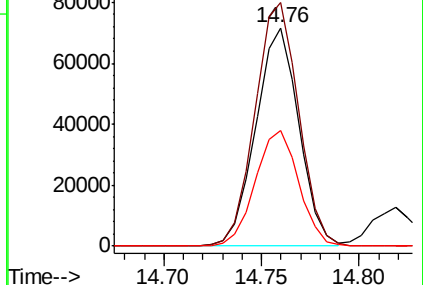
Tgt Ion:	154	Resp:	109682
Ion Ratio	Lower	Upper	
154	100		
153	111.4	90.6	136.0
152	53.2	43.5	65.3



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

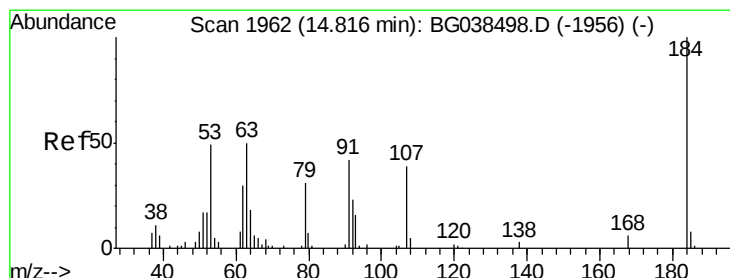
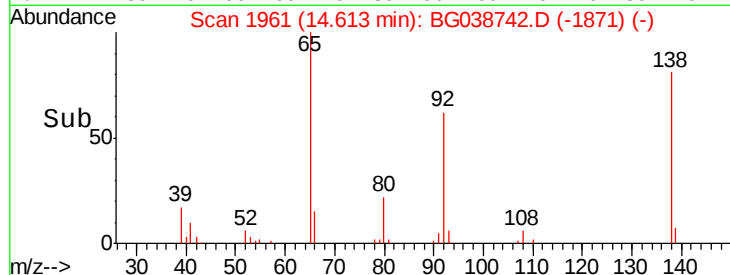
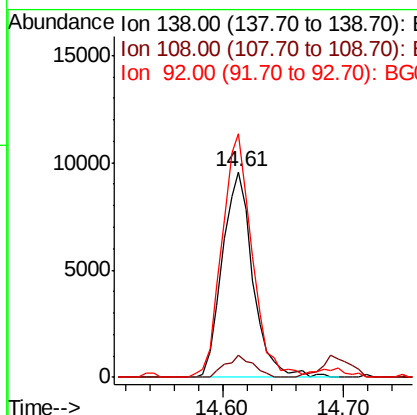
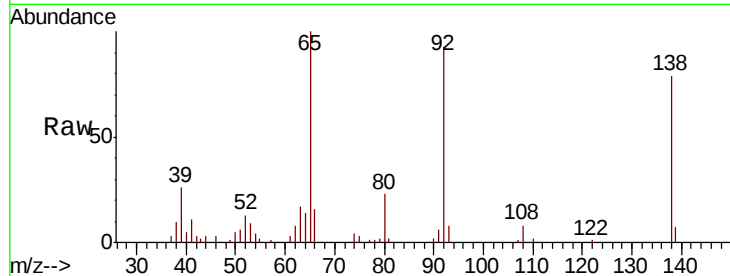




#53
3-Nitroaniline
Concen: 13.202 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

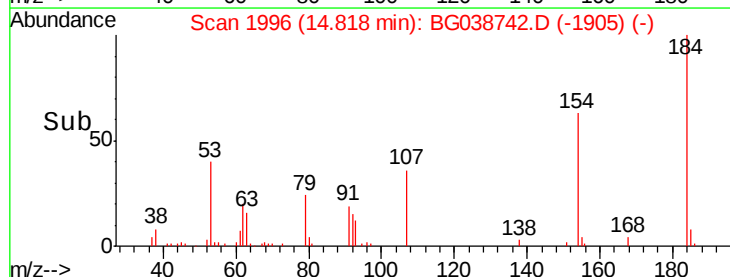
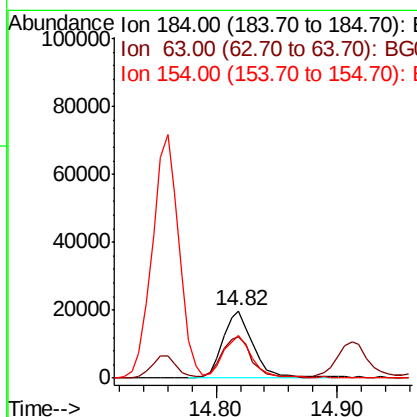
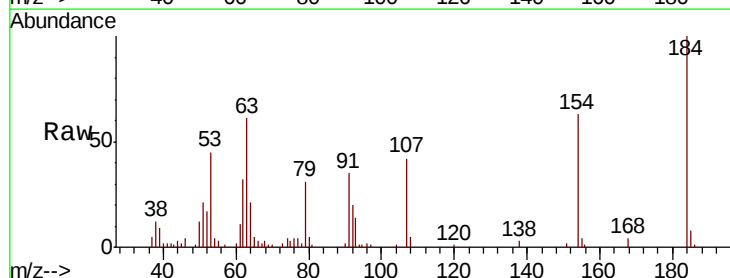
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

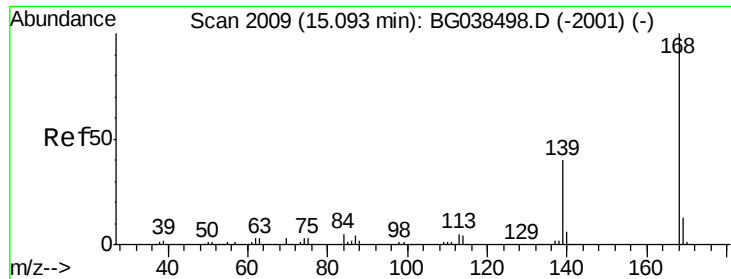
Tgt Ion:138 Resp: 16723
Ion Ratio Lower Upper
138 100
108 10.5 7.9 11.9
92 118.3 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 48.572 ng
RT: 14.82 min Scan# 1996
Delta R.T. 0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion:184 Resp: 34304
Ion Ratio Lower Upper
184 100
63 61.3 47.0 70.6
154 63.5 50.3 75.5

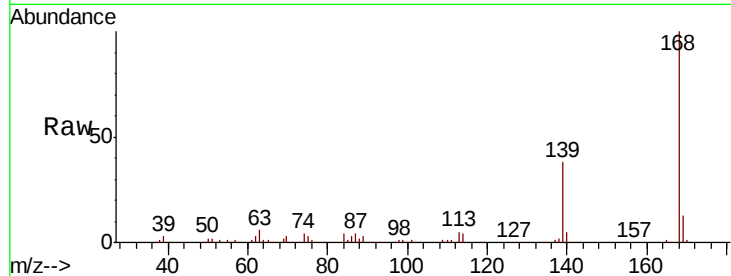




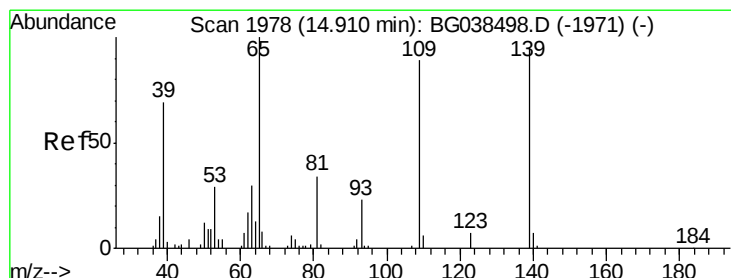
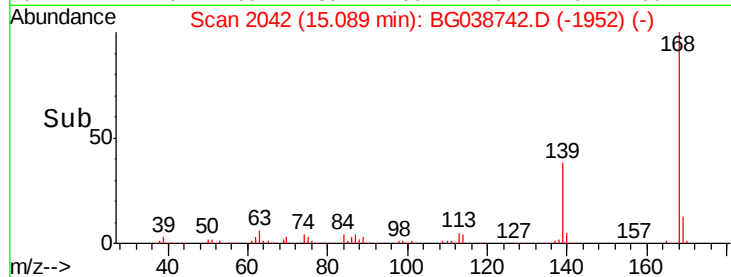
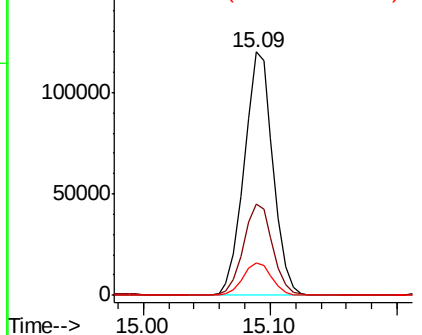
#55
Dibenzenofuran
Concen: 28.283 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion:168 Resp: 188449
Ion Ratio Lower Upper
168 100
139 37.6 32.2 48.2
169 13.3 10.6 16.0

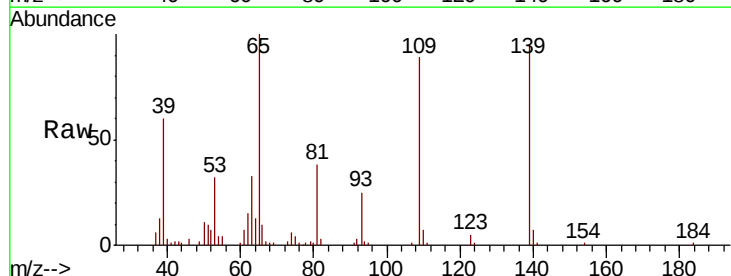


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

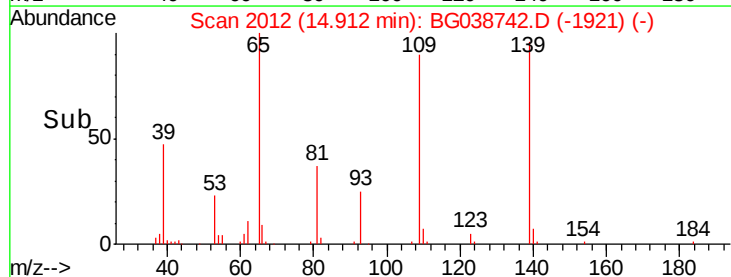
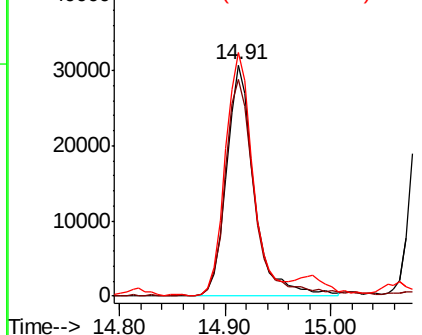


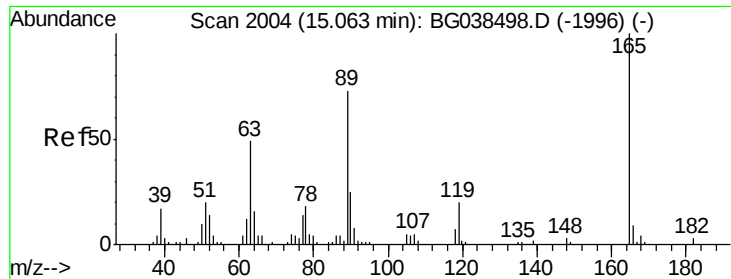
#56
4-Nitrophenol
Concen: 57.953 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion:139 Resp: 55691
Ion Ratio Lower Upper
139 100
109 93.8 73.6 113.6
65 105.4 84.8 124.8



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): BGO

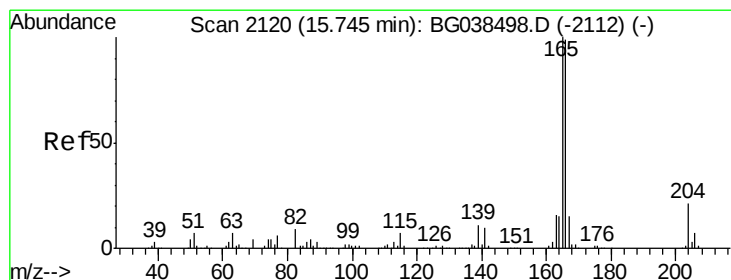
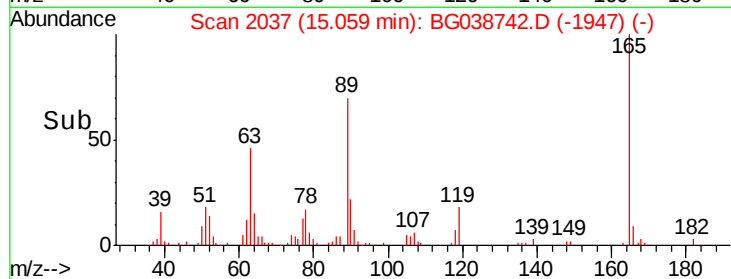
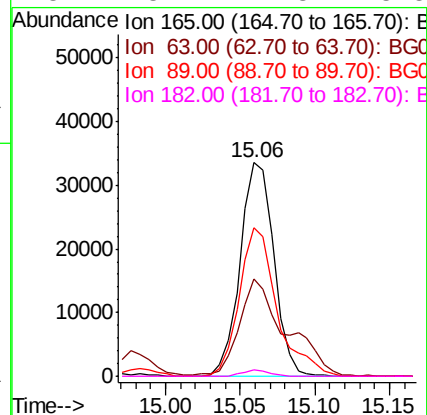
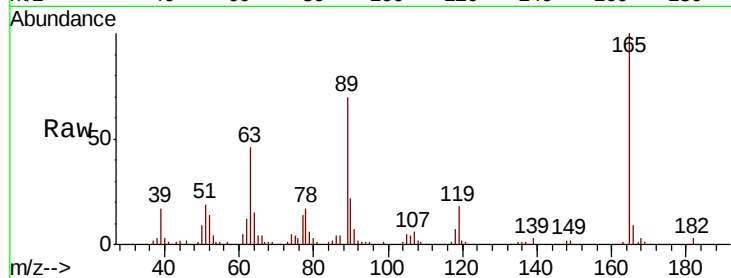




#57
2,4-Dinitrotoluene
Concen: 30.070 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

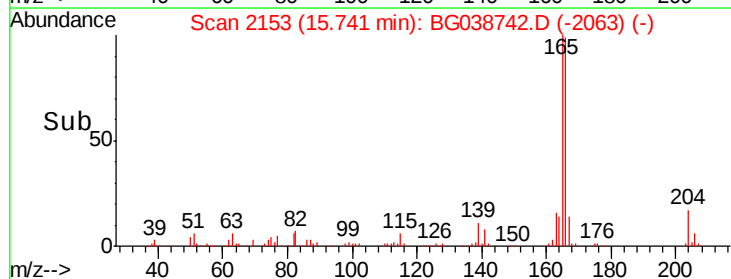
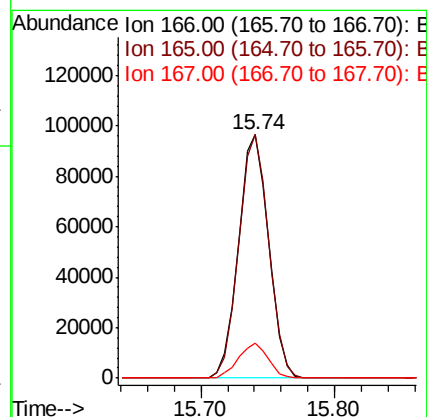
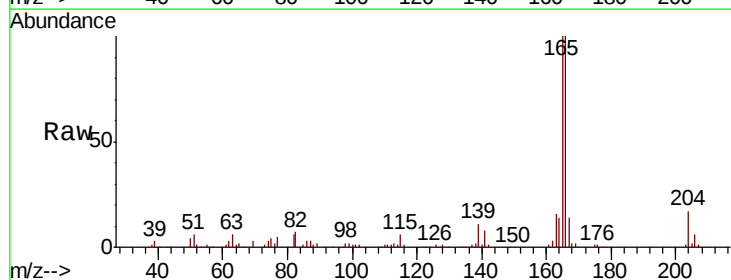
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.7	39.0	58.4
89	69.8	58.0	87.0
182	3.1	2.3	3.5



#58
Fluorene
Concen: 30.496 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.9	80.6	120.8
167	14.3	12.0	18.0

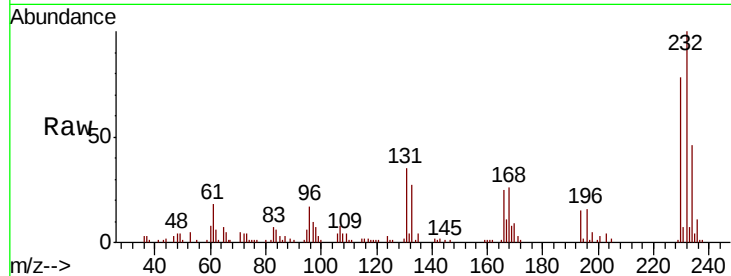




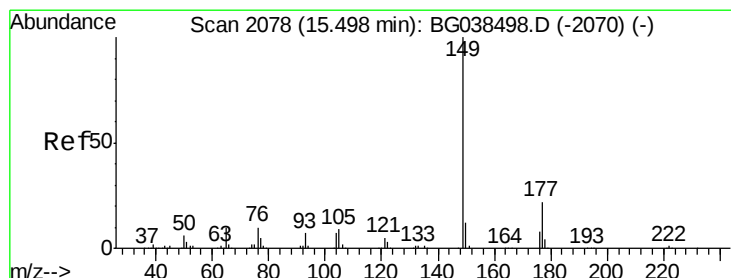
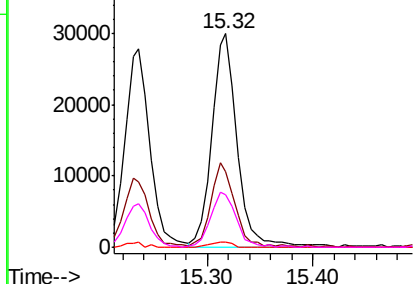
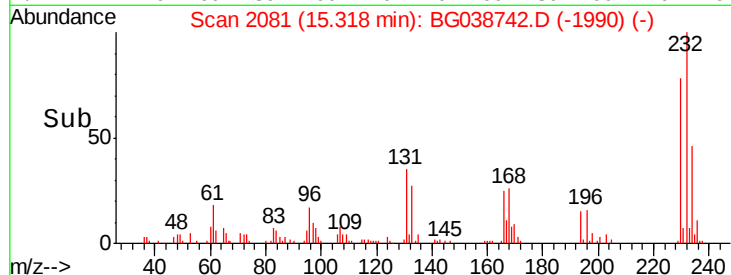
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.263 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. 0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion:	232	Resp:	50368
Ion	Ratio	Lower	Upper
232	100		
131	37.7	33.0	49.4
130	2.1	2.0	3.0
166	26.1	23.1	34.7

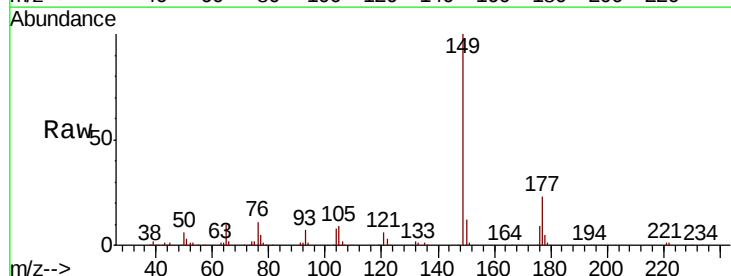


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

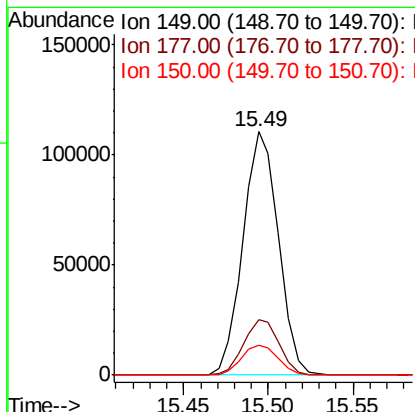
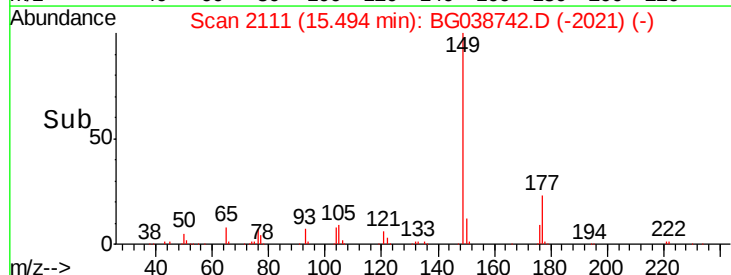


#60
 Diethylphthalate
 Concen: 26.778 ng
 RT: 15.49 min Scan# 2111
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:	149	Resp:	161195
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.7	26.5
150	12.3	9.9	14.9



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

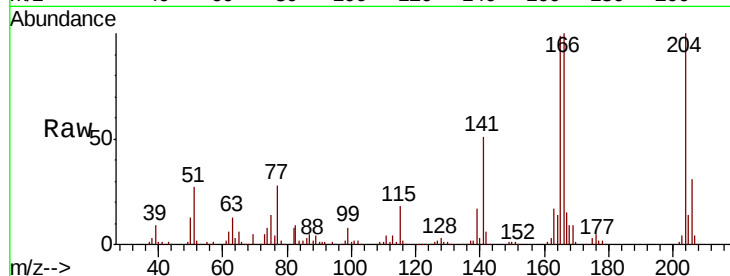




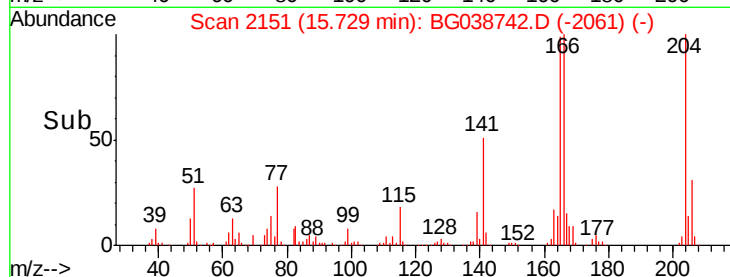
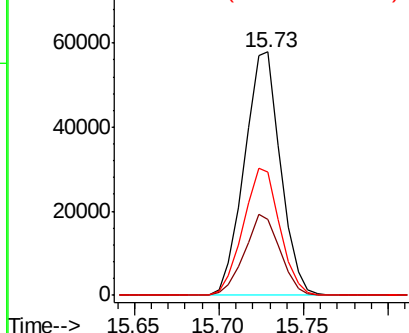
#61
4-Chlorophenyl-phenylether
Concen: 27.936 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion: 204 Resp: 86042
Ion Ratio Lower Upper
204 100
206 31.2 26.0 39.0
141 50.7 44.4 66.6

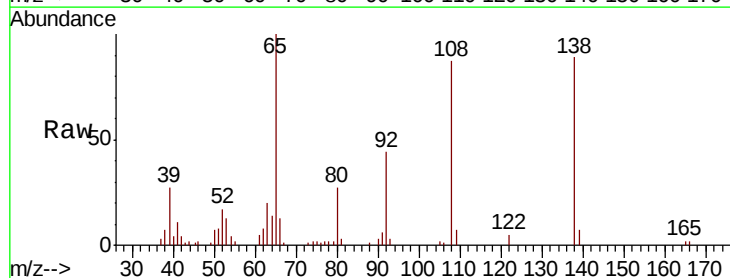


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

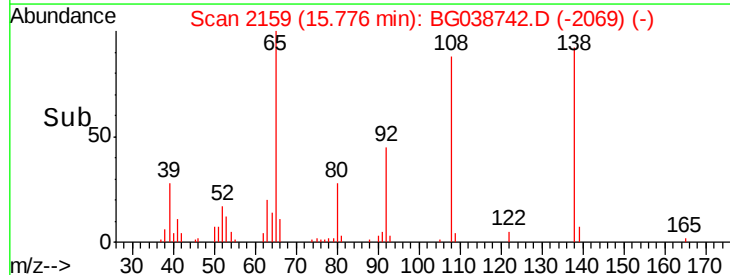
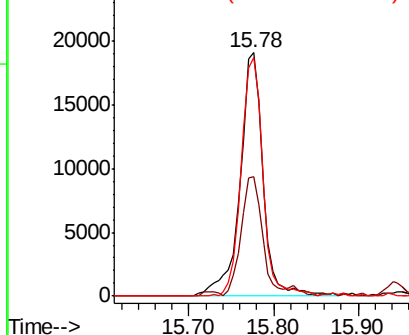


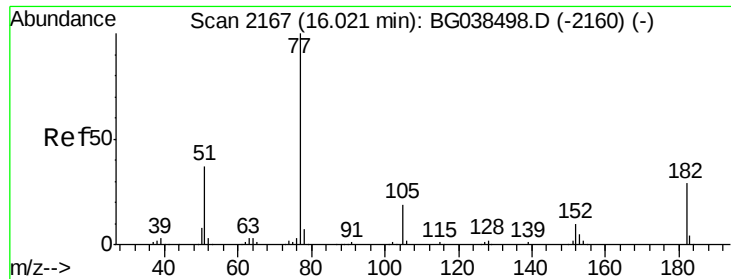
#62
4-Nitroaniline
Concen: 27.567 ng
RT: 15.78 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion: 138 Resp: 35951
Ion Ratio Lower Upper
138 100
92 48.9 33.3 73.3
108 97.8 81.4 121.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BGC
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 26.830 ng

RT: 16.02 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

Tgt Ion: 77 Resp: 134922

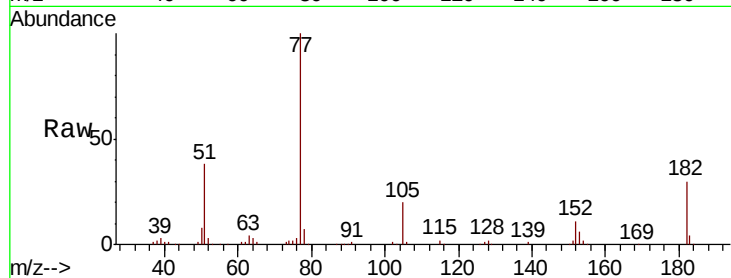
Ion Ratio Lower Upper

77 100

182 29.7 8.7 48.7

105 19.9 0.0 38.7

51 38.0 16.6 56.6

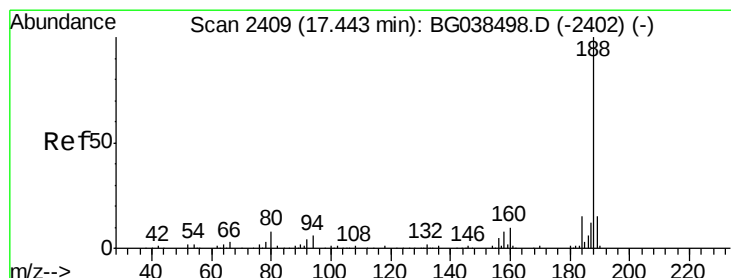
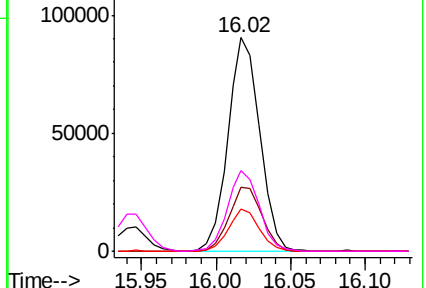
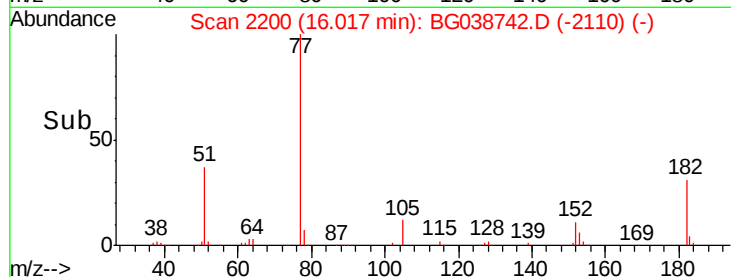


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

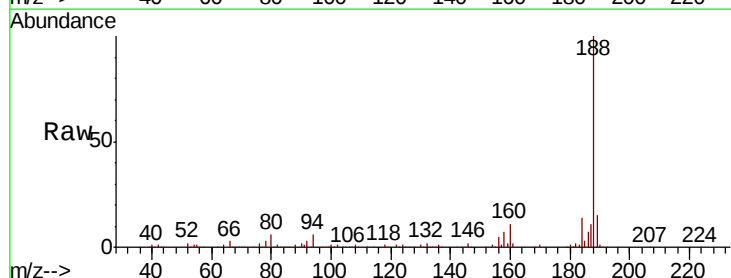
Tgt Ion: 188 Resp: 167953

Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

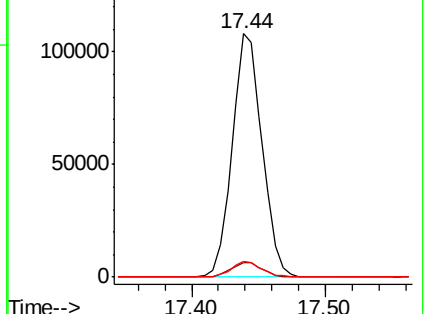
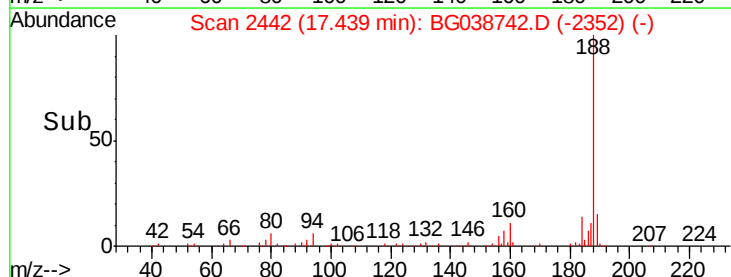
80 6.5 6.1 9.1



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

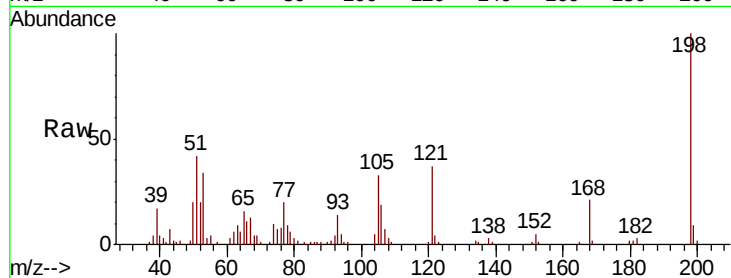




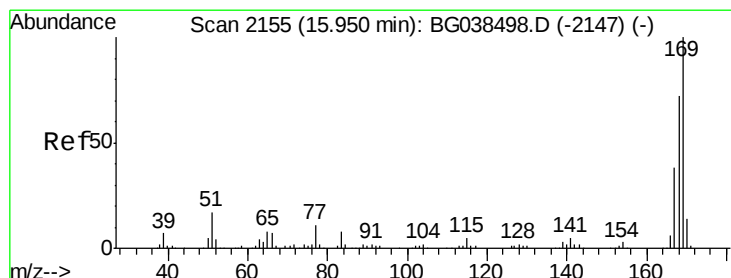
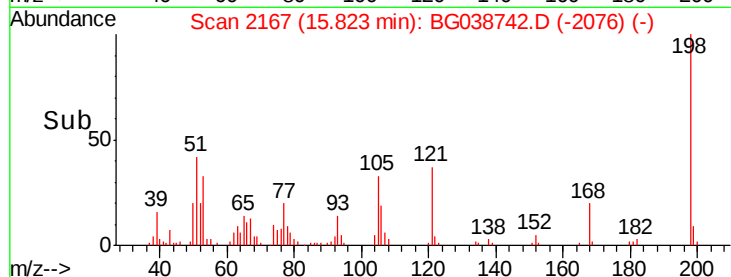
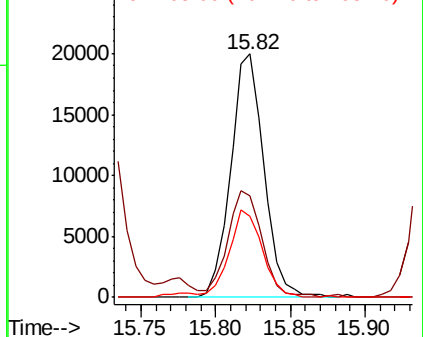
#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.828 ng
 RT: 15.82 min Scan# 2167
 Delta R.T. 0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion:198 Resp: 30944
 Ion Ratio Lower Upper
 198 100
 51 41.8 28.6 68.6
 105 33.4 20.4 60.4

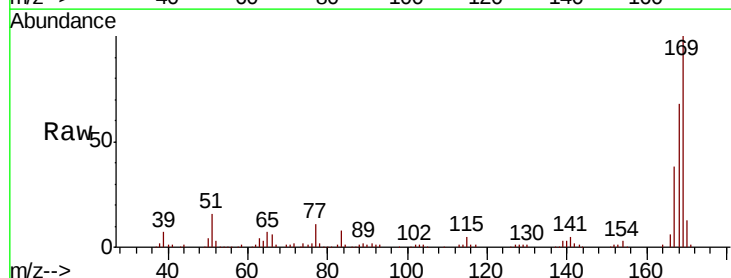


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

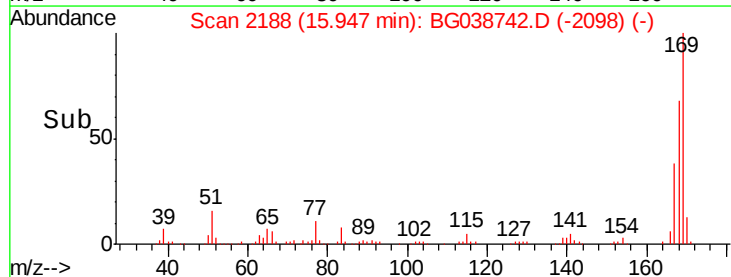
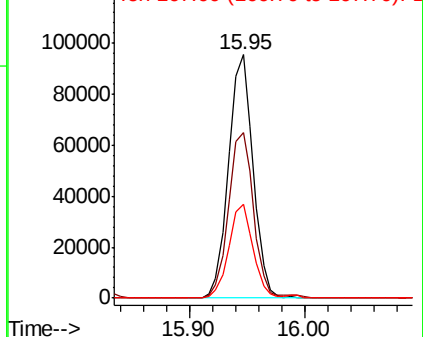


#66
 n-Nitrosodiphenylamine
 Concen: 28.379 ng
 RT: 15.95 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:169 Resp: 140047
 Ion Ratio Lower Upper
 169 100
 168 68.1 57.5 86.3
 167 38.5 30.2 45.2



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

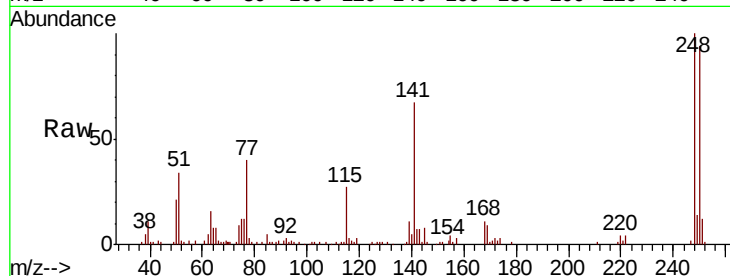




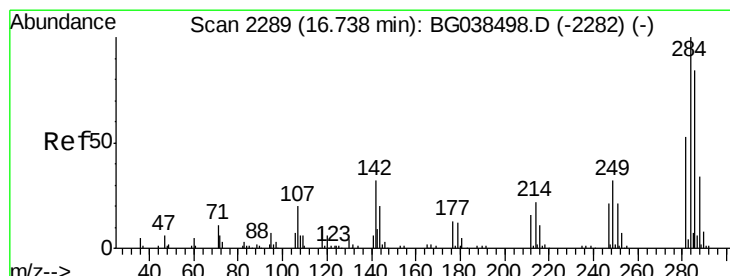
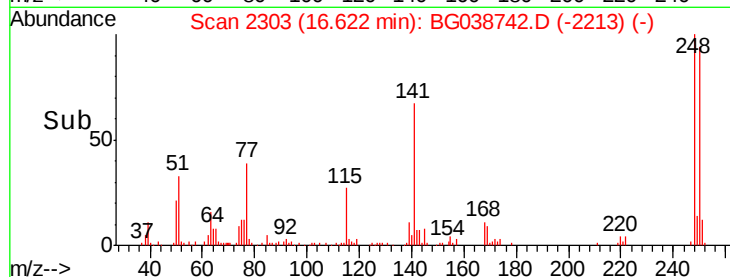
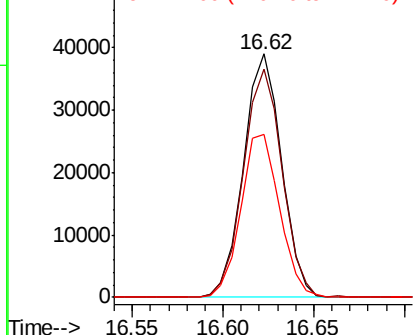
#67
 4-Bromophenyl-phenylether
 Concen: 27.754 ng
 RT: 16.62 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS013B-3036-01MSD

Tgt Ion:248 Resp: 56928
 Ion Ratio Lower Upper
 248 100
 250 93.9 73.4 110.2
 141 67.2 52.9 79.3

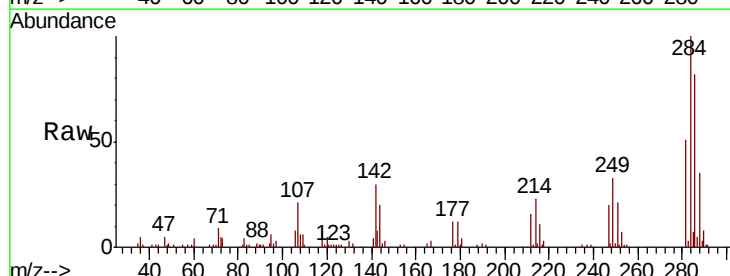


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

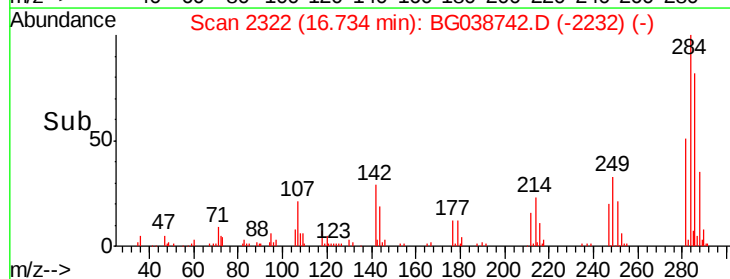
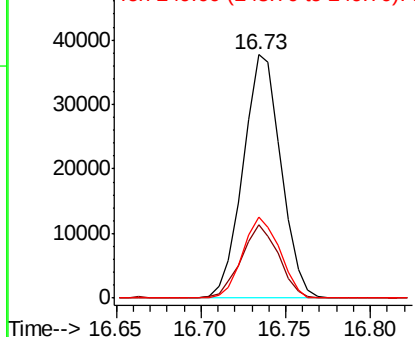


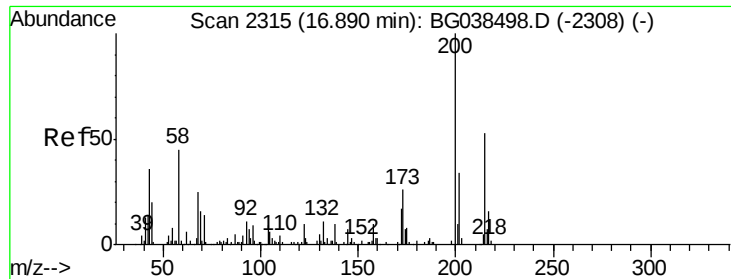
#68
 Hexachlorobenzene
 Concen: 27.699 ng
 RT: 16.73 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BG038742.D
 Acq: 20 Dec 2018 1:02

Tgt Ion:284 Resp: 58897
 Ion Ratio Lower Upper
 284 100
 142 30.2 25.8 38.6
 249 35.5 27.0 40.4



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

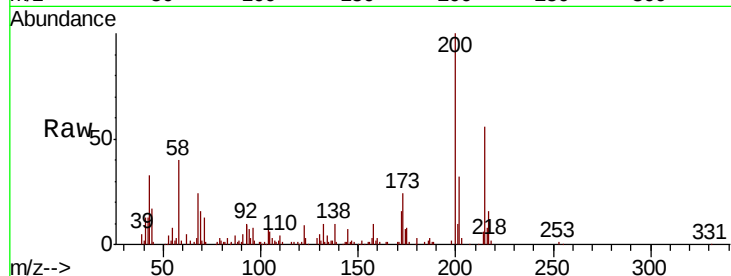




#69
Atrazine
Concen: 32.506 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.9	5.9	45.9
215	55.7	33.1	73.1

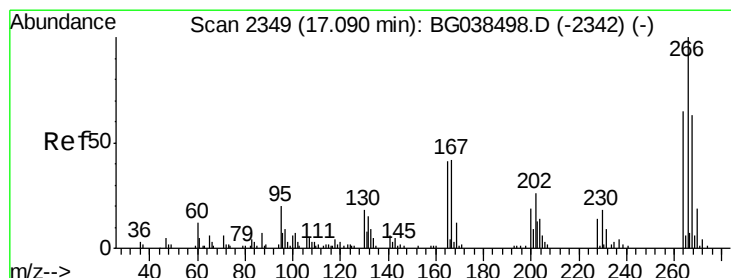
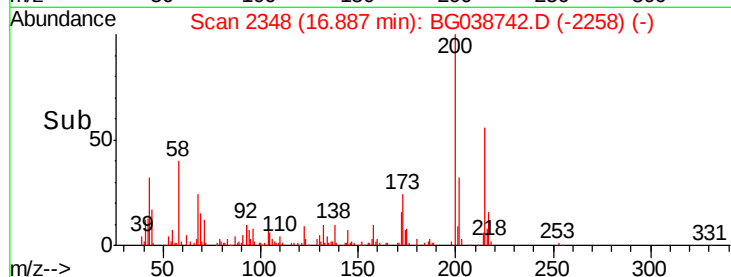
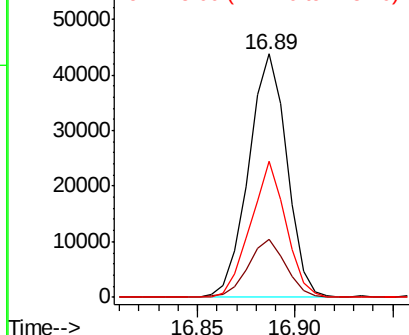


Abundance

Ion 200.00 (199.70 to 200.70): E

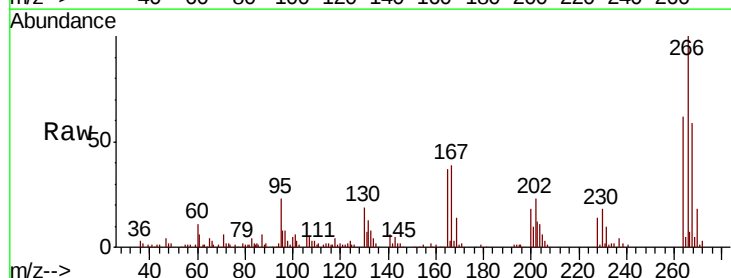
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 53.093 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	55.0	82.6
264	66.9	56.7	85.1

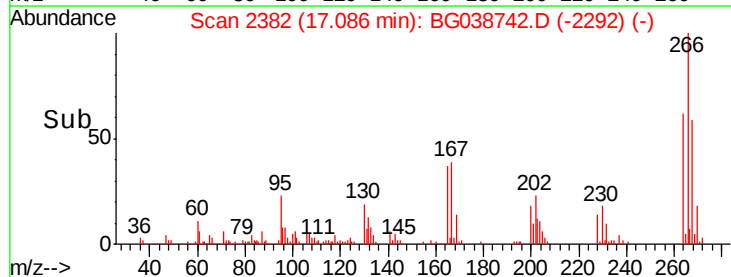
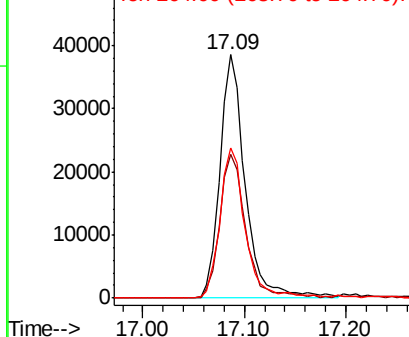


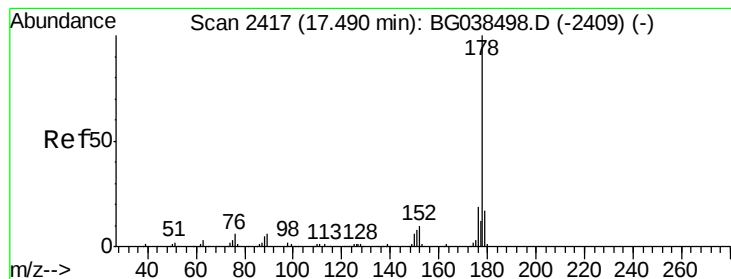
Abundance

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: 29.013 ng

RT: 17.49 min Scan# 2450

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

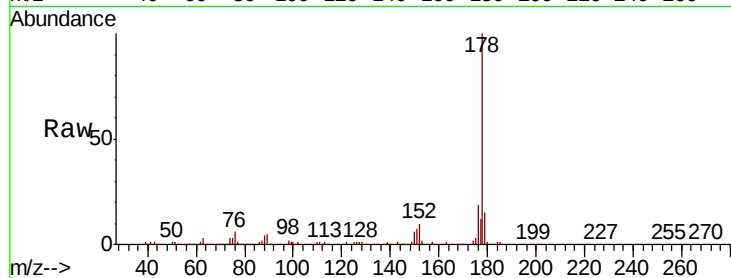
Tgt Ion:178 Resp: 252687

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

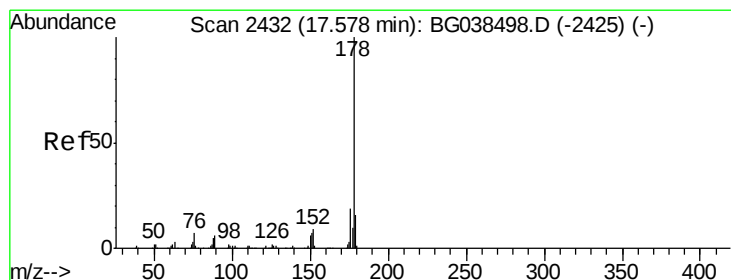
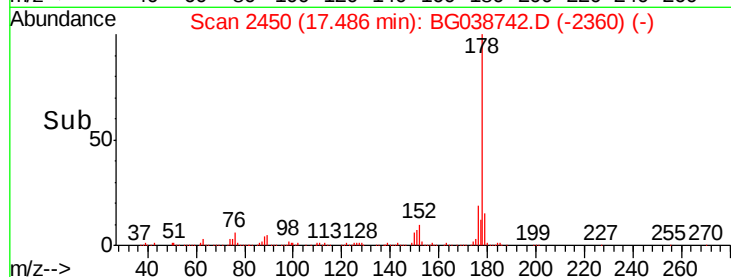
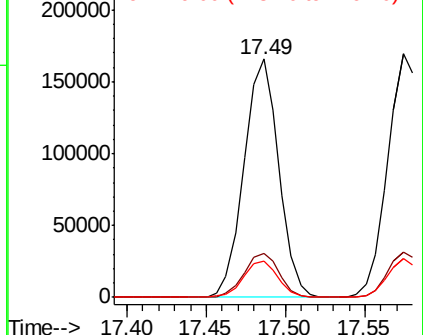
179 15.1 13.2 19.8



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: 29.868 ng

RT: 17.57 min Scan# 2465

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

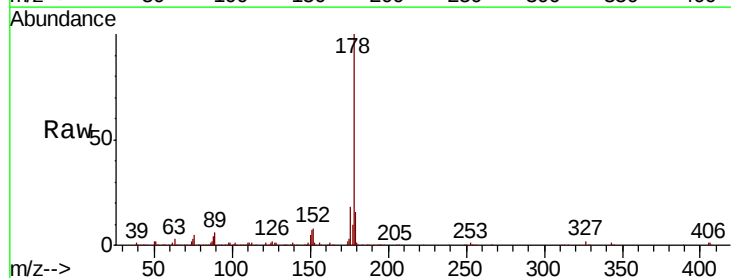
Tgt Ion:178 Resp: 256807

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

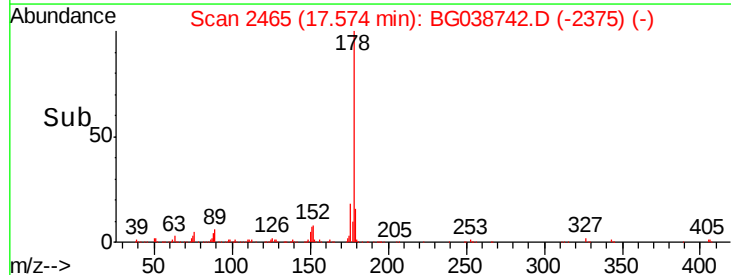
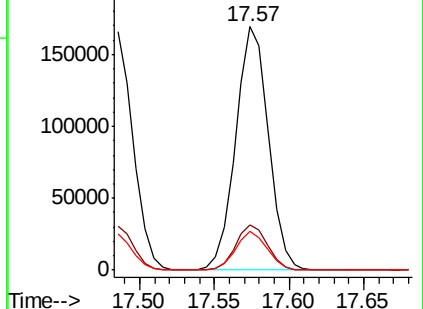
179 15.7 12.9 19.3

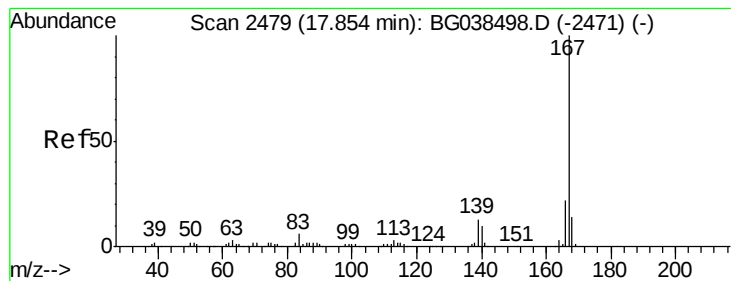


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 27.591 ng

RT: 17.85 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

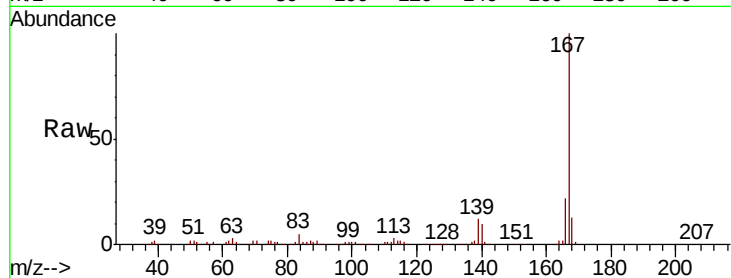
Tgt Ion:167 Resp: 234613

Ion Ratio Lower Upper

167 100

166 22.2 17.9 26.9

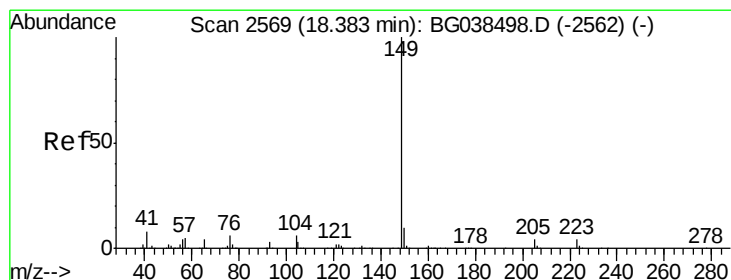
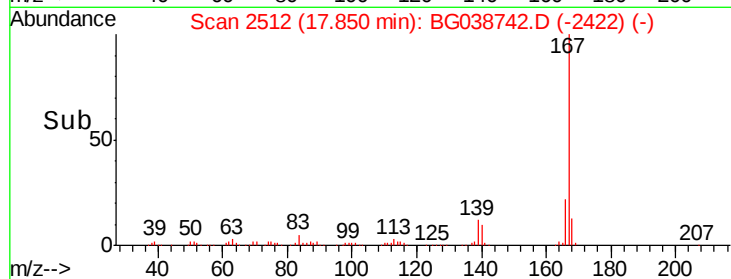
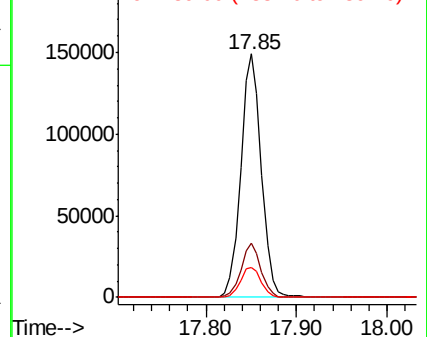
139 12.4 10.2 15.2



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: 26.835 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

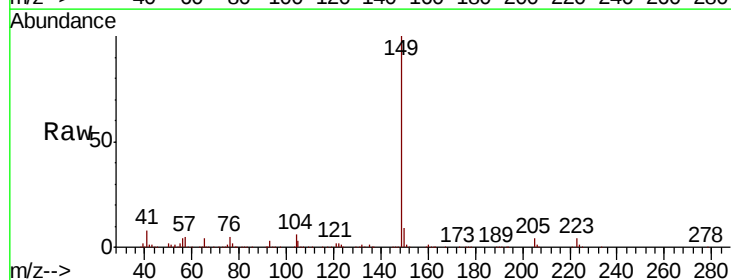
Tgt Ion:149 Resp: 261834

Ion Ratio Lower Upper

149 100

150 9.4 7.6 11.4

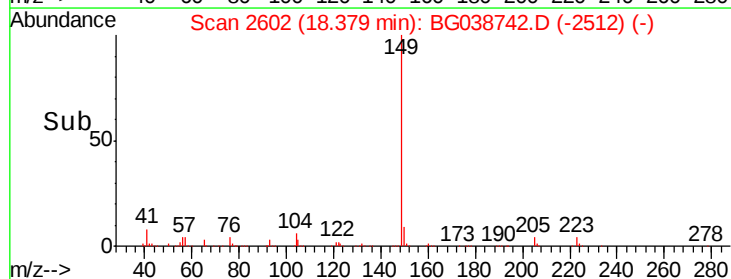
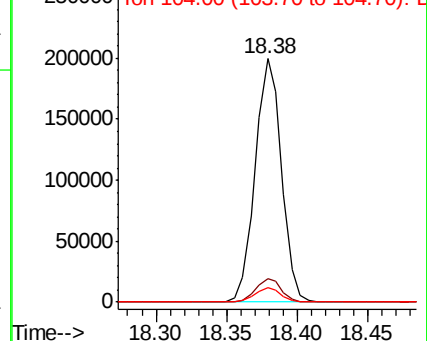
104 5.9 5.0 7.4

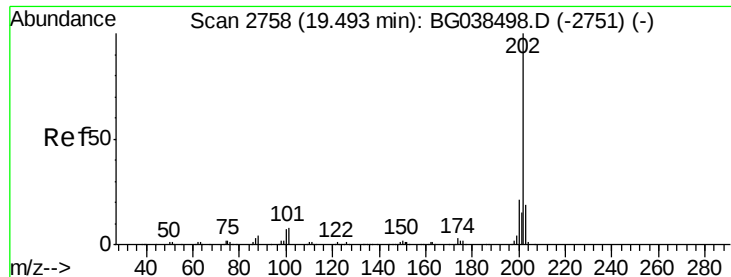


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 27.667 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

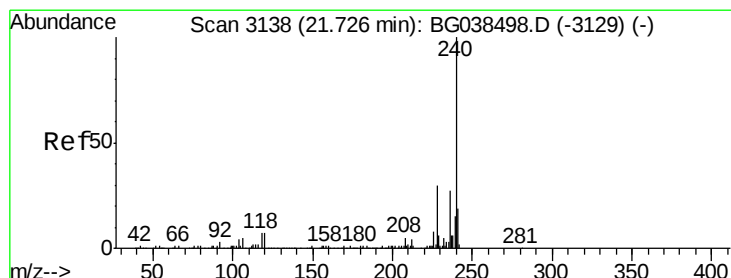
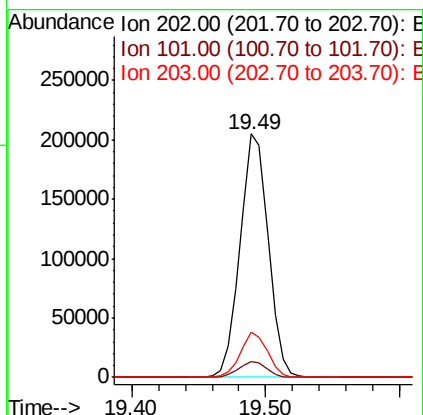
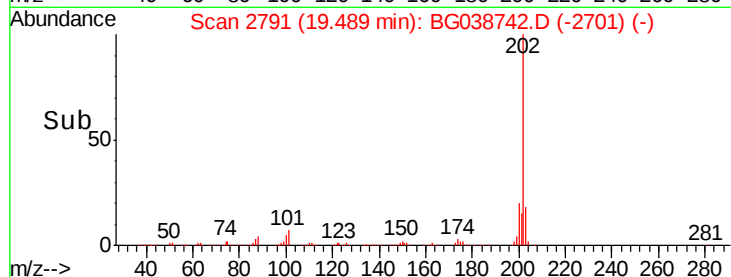
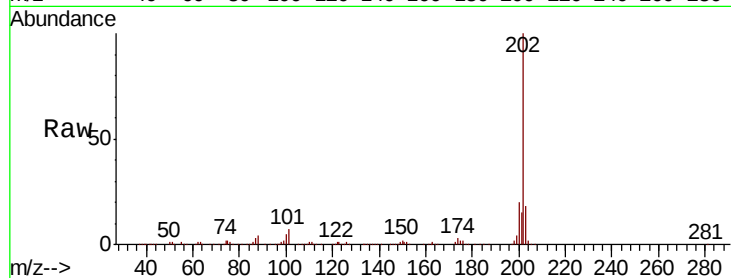
Tgt Ion:202 Resp: 298140

Ion Ratio Lower Upper

202 100

101 6.6 0.0 28.1

203 18.4 0.0 39.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

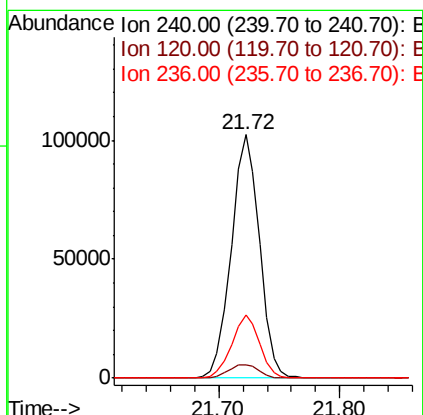
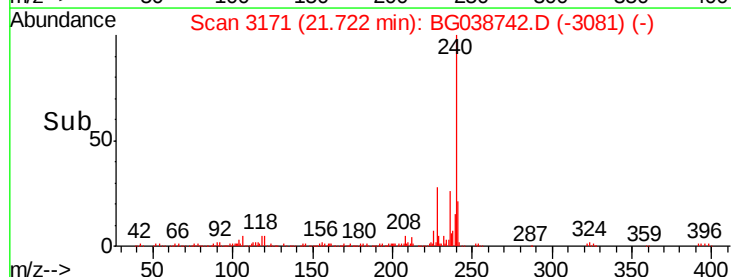
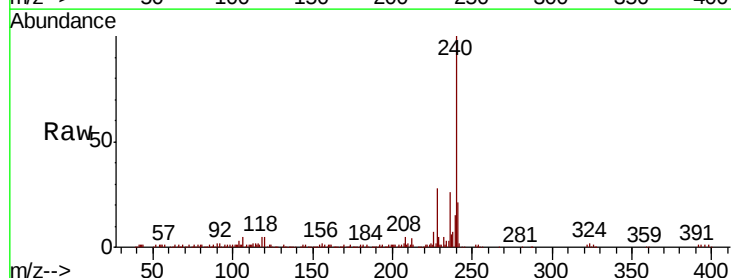
Tgt Ion:240 Resp: 165989

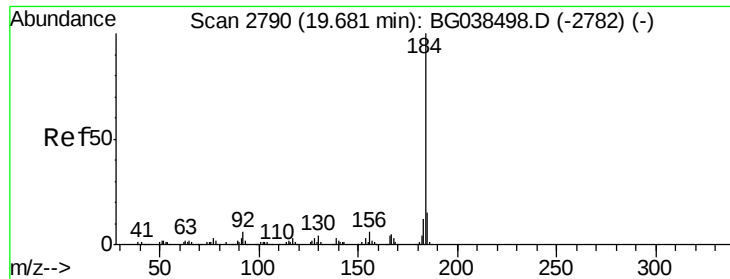
Ion Ratio Lower Upper

240 100

120 5.5 5.3 7.9

236 26.0 21.4 32.2





#77

Benzidine

Concen: 9.105 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

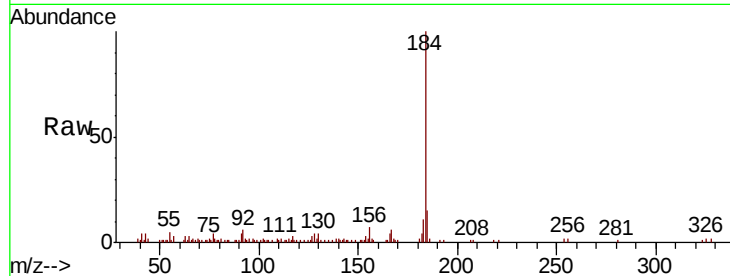
Tgt Ion:184 Resp: 44697

Ion Ratio Lower Upper

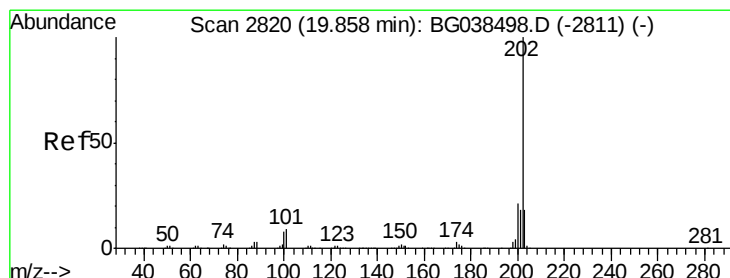
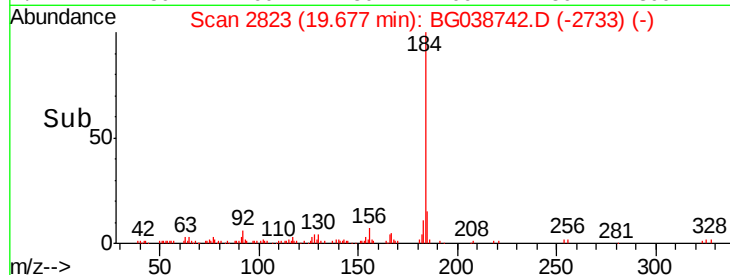
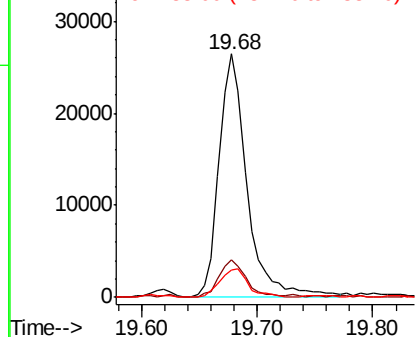
184 100

185 15.2 12.2 18.2

183 11.3 9.6 14.4



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



#78

Pyrene

Concen: 27.087 ng

RT: 19.85 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

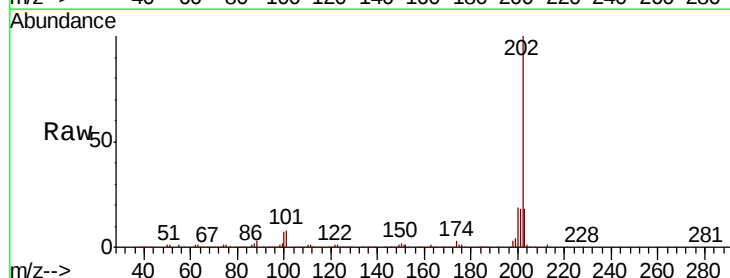
Tgt Ion:202 Resp: 297023

Ion Ratio Lower Upper

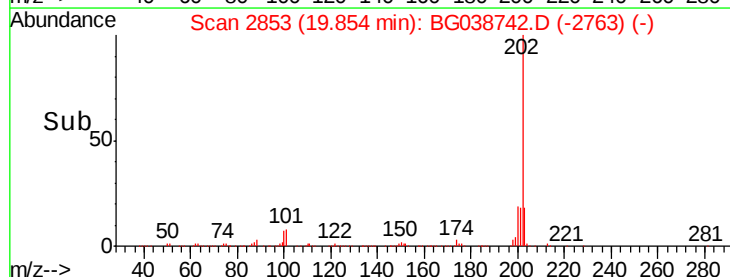
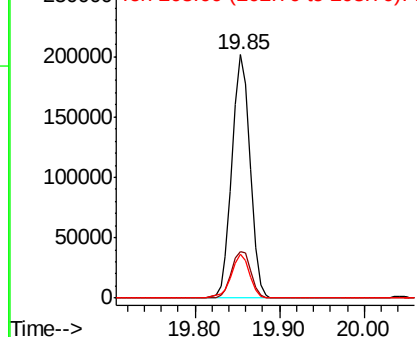
202 100

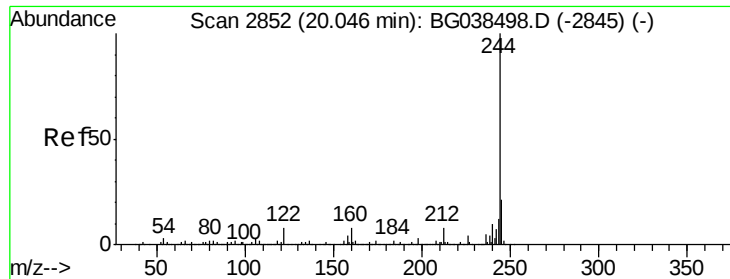
200 19.2 16.6 25.0

203 18.0 14.6 21.8



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





#79

Terphenyl-d14

Concen: 62.550 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

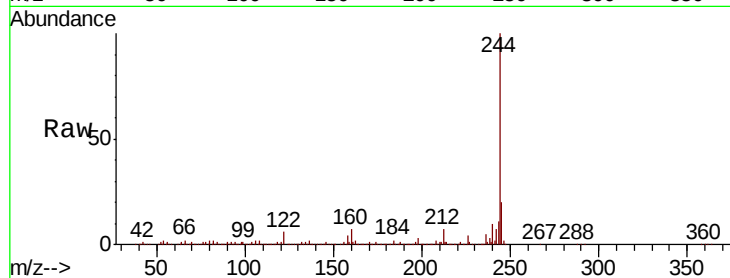
Tgt Ion:244 Resp: 477066

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

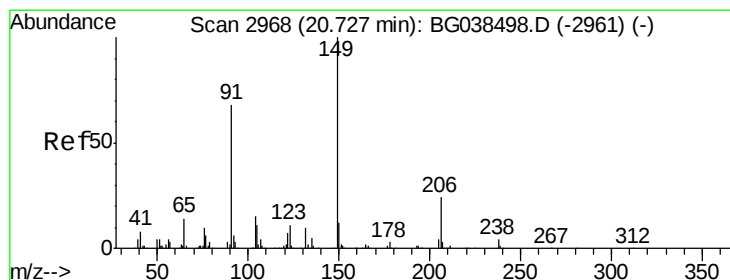
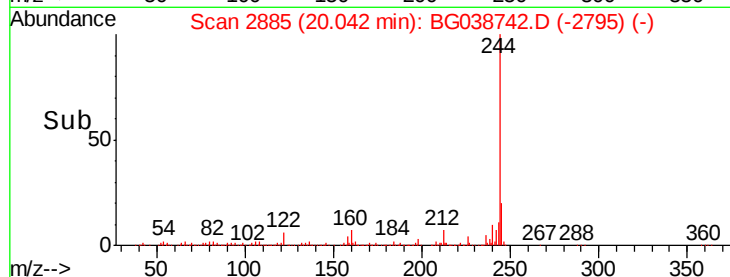
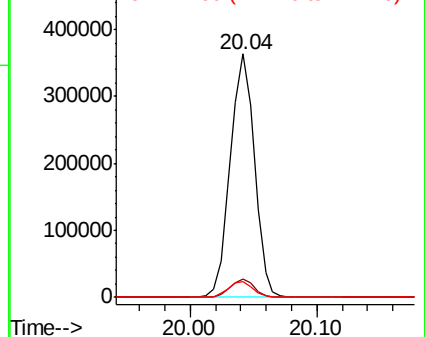
122 6.5 6.3 9.5



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: 26.469 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

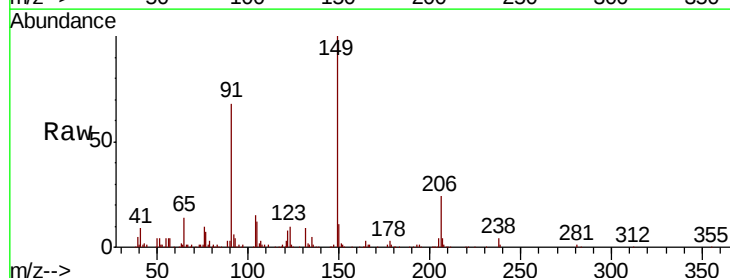
Tgt Ion:149 Resp: 113398

Ion Ratio Lower Upper

149 100

91 67.6 54.5 81.7

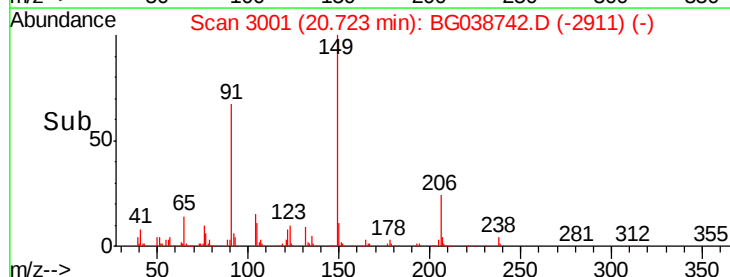
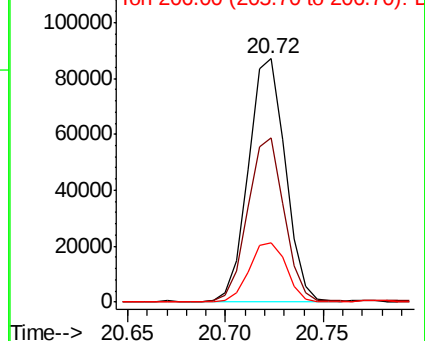
206 24.5 19.0 28.6

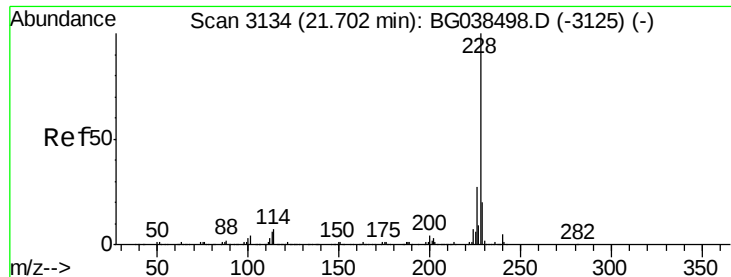


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

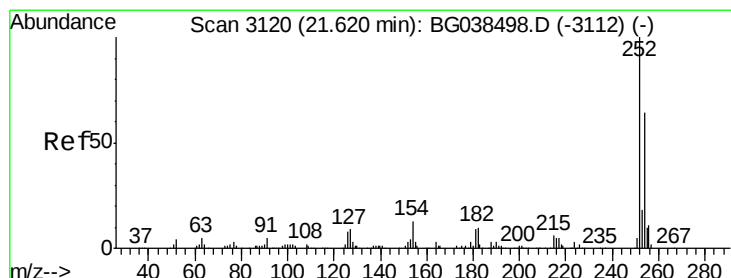
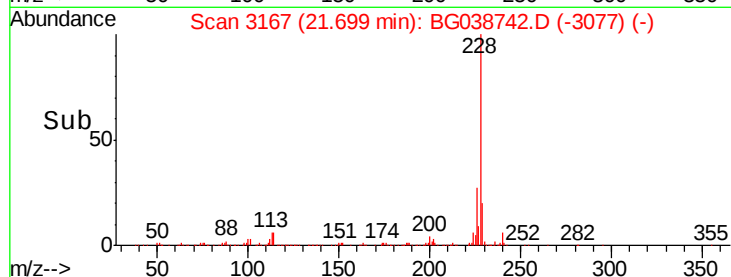
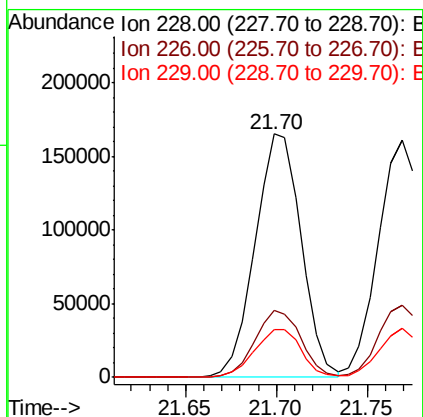
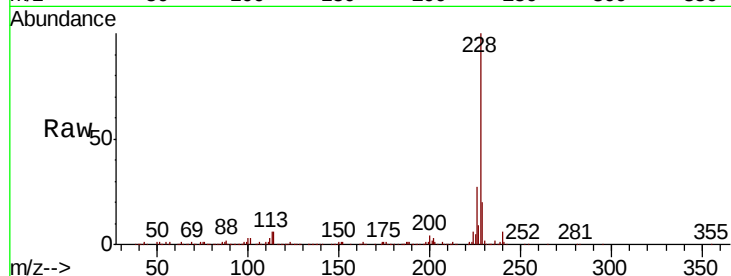




#81
Benzo(a)anthracene
Concen: 28.841 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

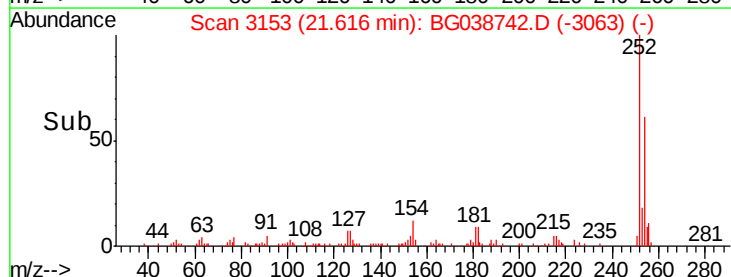
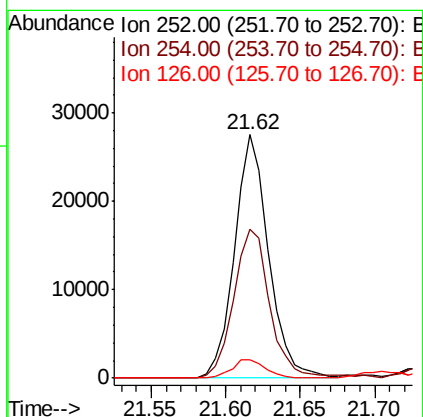
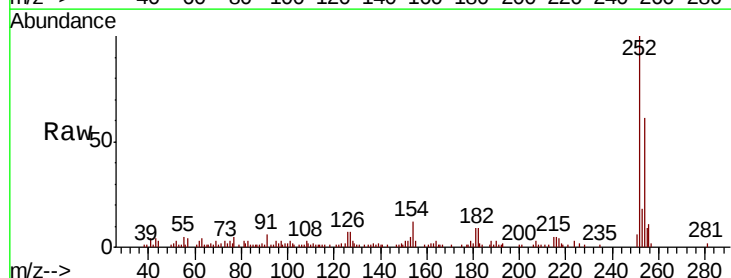
Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

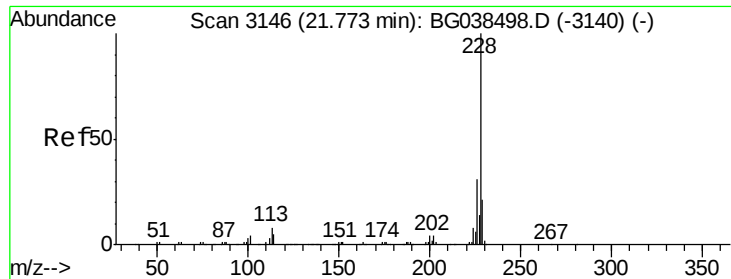
Tgt Ion: 228 Resp: 291708
Ion Ratio Lower Upper
228 100
226 27.3 21.8 32.8
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 10.899 ng
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion: 252 Resp: 43722
Ion Ratio Lower Upper
252 100
254 61.3 50.9 76.3
126 7.4 6.3 9.5





#83

Chrysene

Concen: 28.123 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

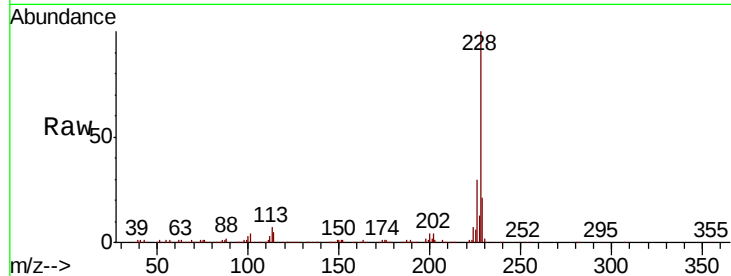
Tgt Ion: 228 Resp: 273978

Ion Ratio Lower Upper

228 100

226 30.5 25.0 37.4

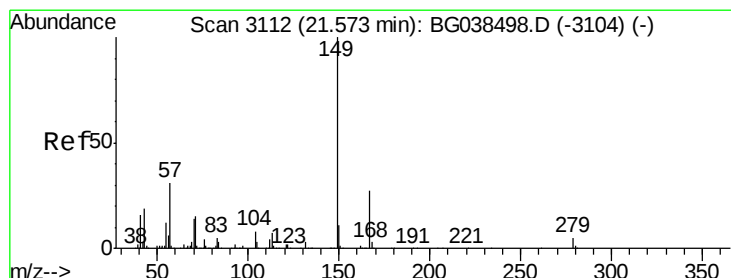
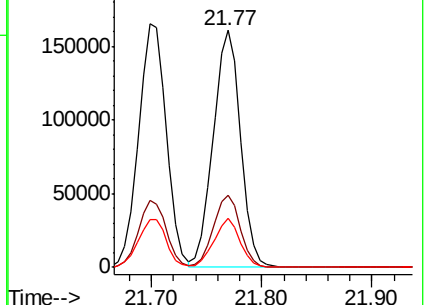
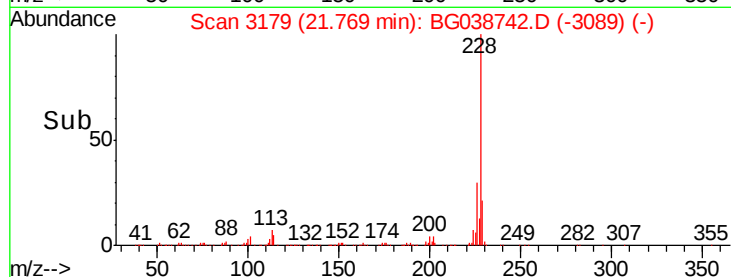
229 20.5 16.5 24.7



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: 26.754 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

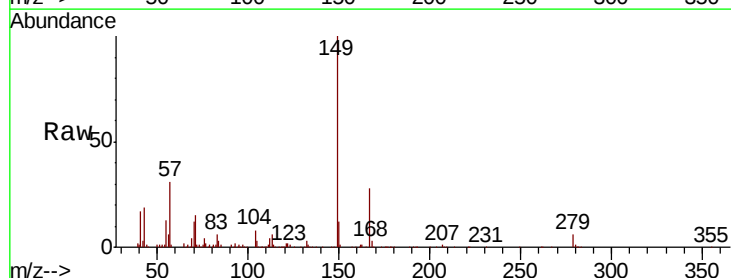
Tgt Ion: 149 Resp: 162559

Ion Ratio Lower Upper

149 100

167 28.2 21.9 32.9

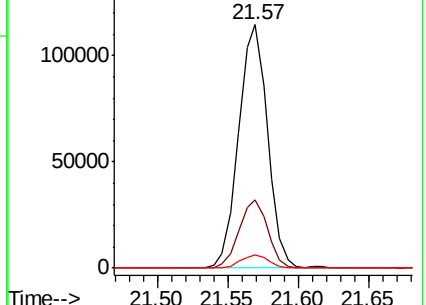
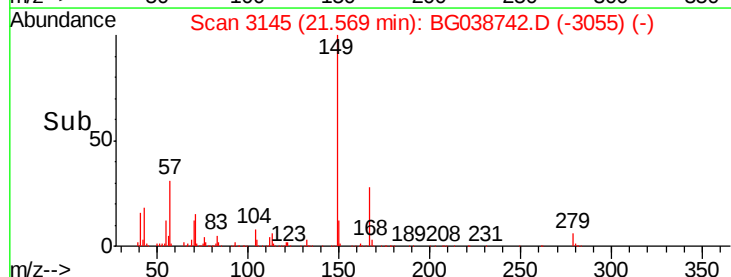
279 5.6 4.2 6.2

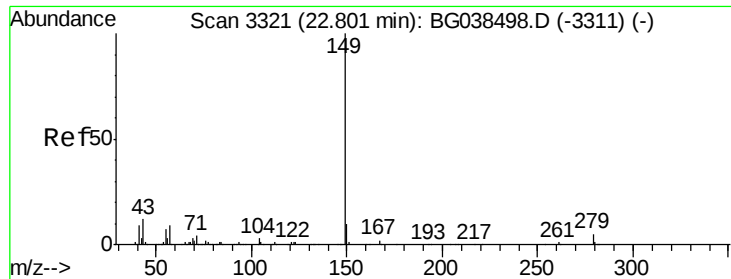


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

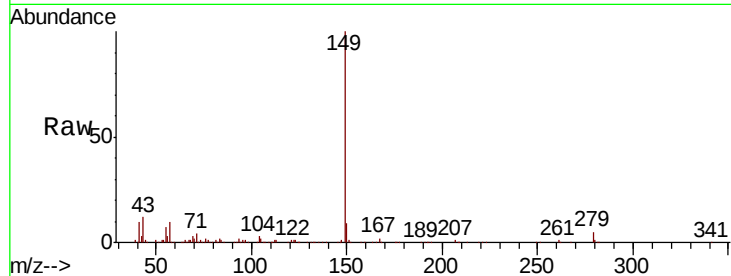




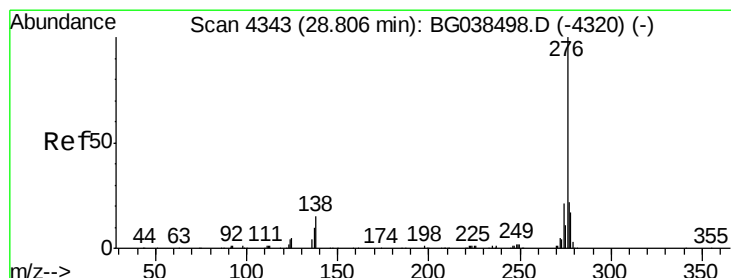
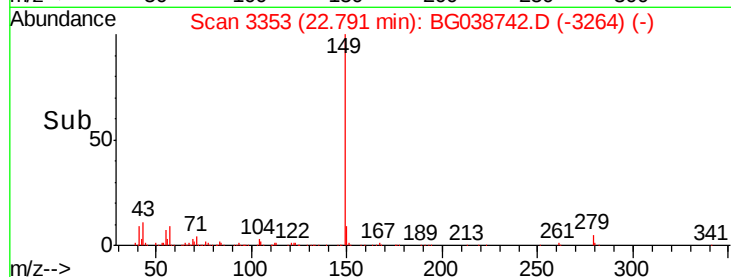
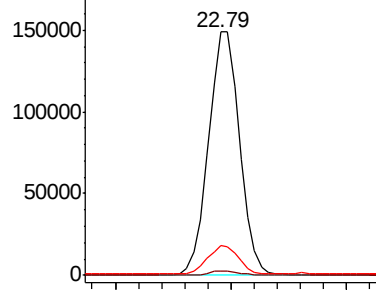
#85
Di-n-octyl phthalate
Concen: 27.233 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.2	1.8#
43	11.6	9.3	13.9

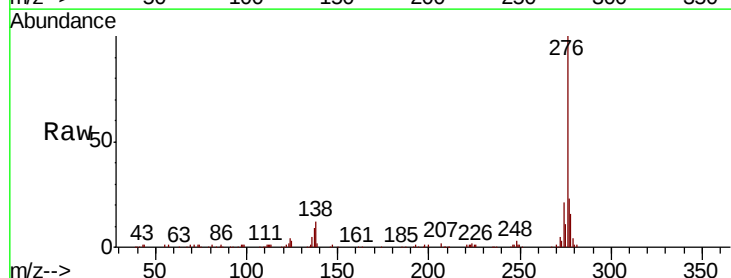


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

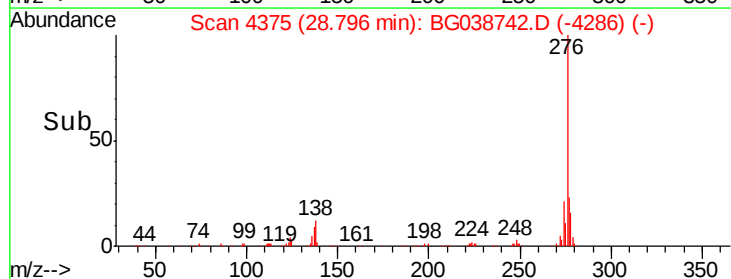
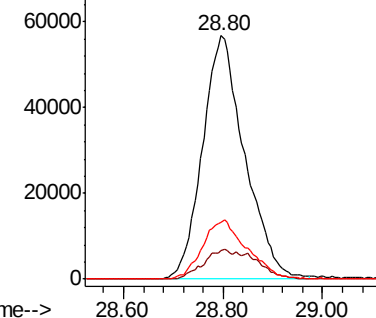


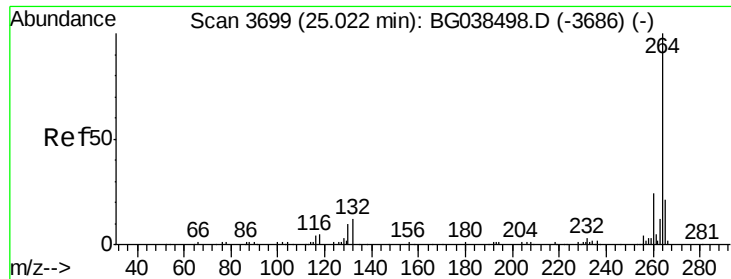
#86
Indeno(1,2,3-cd)pyrene
Concen: 29.099 ng
RT: 28.80 min Scan# 4375
Delta R.T. -0.01 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.1	14.4	21.6#
277	25.3	0.0	0.0#



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



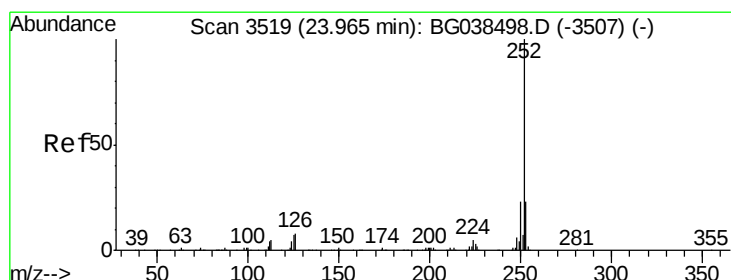
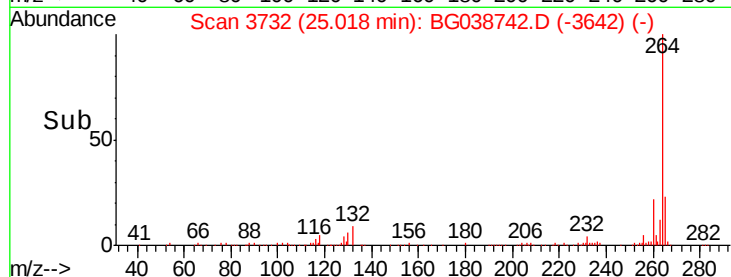
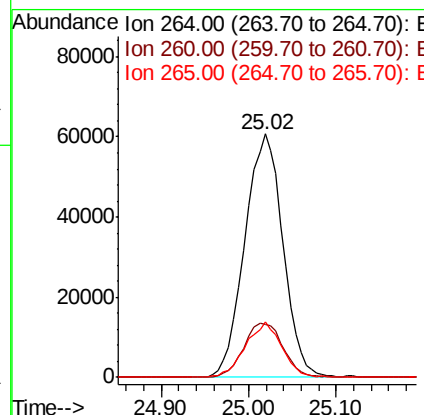
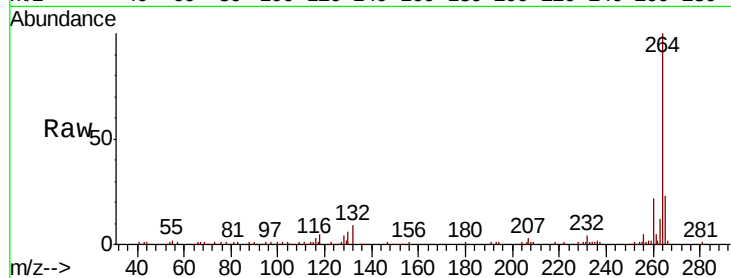


#87
Perylene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3732
Delta R.T. -0.00 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Instrument :
BNA_G
ClientSampleId :
P001-SS013B-3036-01MSD

Tgt Ion: 264 Resp: 180111

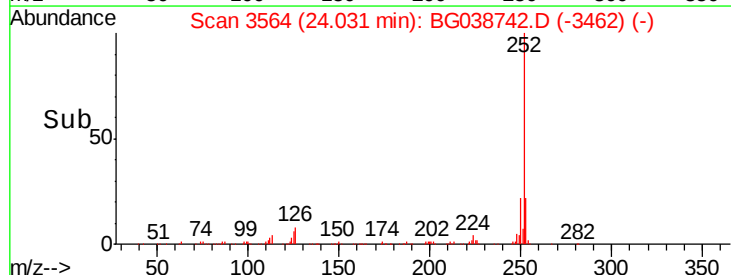
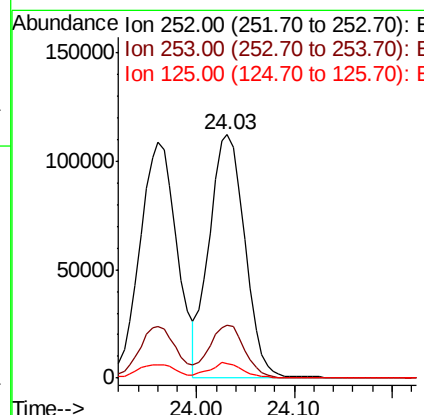
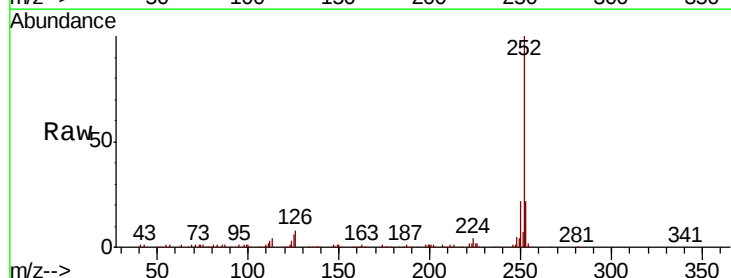
Ion	Ratio	Lower	Upper
264	100		
260	21.6	18.9	28.3
265	23.0	17.0	25.4

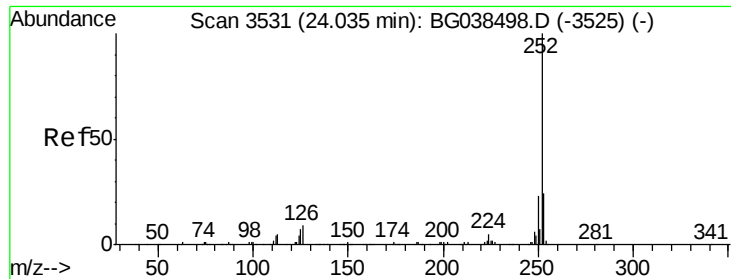


#88
Benzo(b)fluoranthene
Concen: 28.713 ng
RT: 24.03 min Scan# 3564
Delta R.T. 0.07 min
Lab File: BG038742.D
Acq: 20 Dec 2018 1:02

Tgt Ion: 252 Resp: 283933

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.1	27.1
125	5.7	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 28.834 ng

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

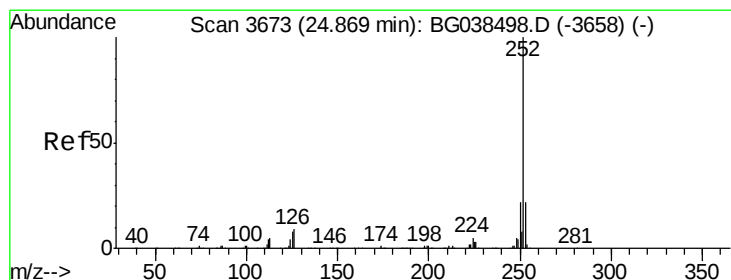
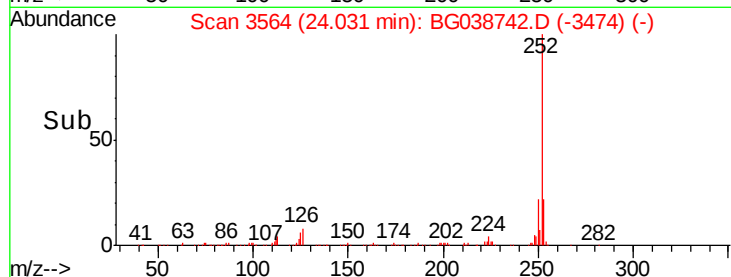
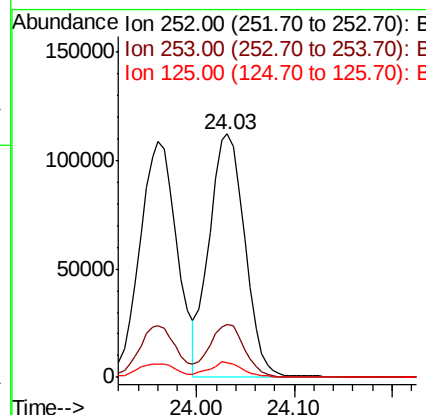
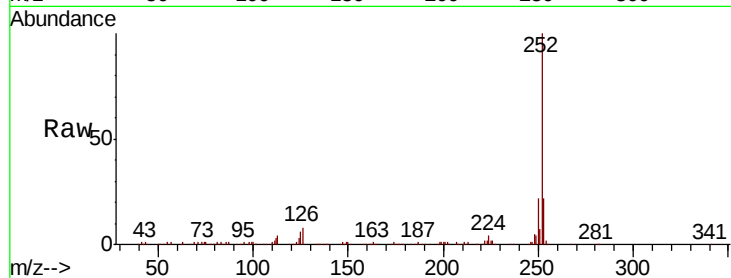
Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

Tgt Ion:	252	Resp:	283933
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.9	28.3
125	5.7	5.4	8.2



#90

Benzo(a)pyrene

Concen: 29.293 ng

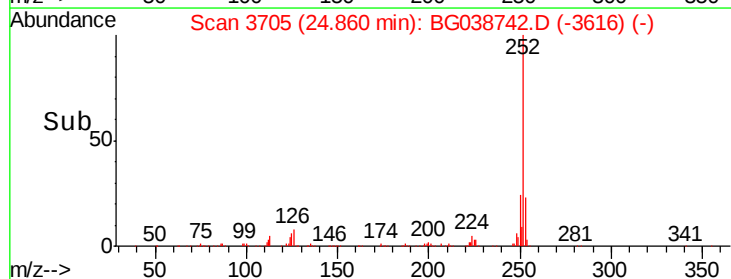
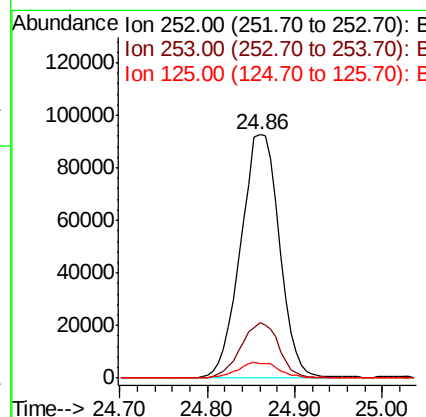
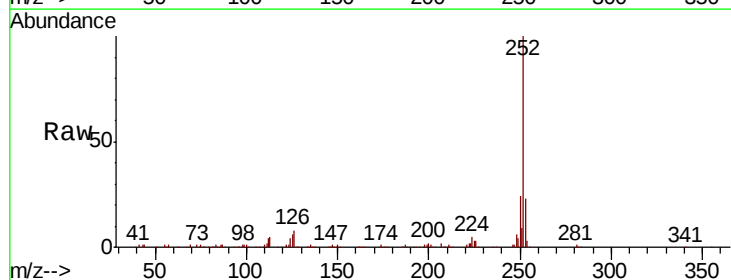
RT: 24.86 min Scan# 3705

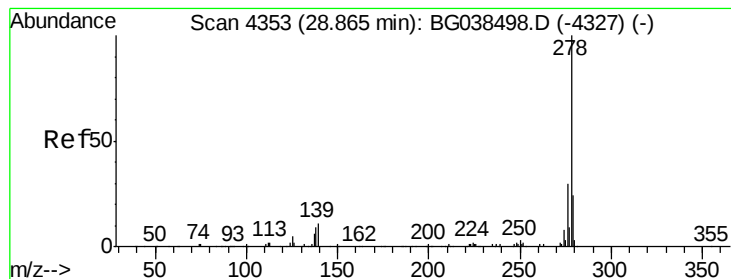
Delta R.T. -0.01 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Tgt Ion:	252	Resp:	279457
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.4	26.0
125	6.2	6.4	9.6





#91

Dibenzo(a,h)anthracene

Concen: 29.582 ng

RT: 28.85 min Scan# 4385

Delta R.T. -0.01 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

Instrument :

BNA_G

ClientSampleId :

P001-SS013B-3036-01MSD

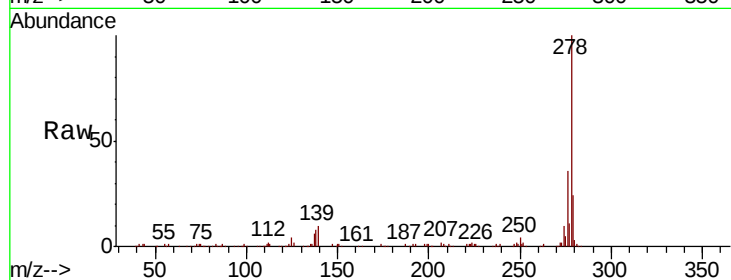
Tgt Ion: 278 Resp: 281000

Ion Ratio Lower Upper

278 100

139 10.1 8.6 12.8

279 23.7 19.0 28.6

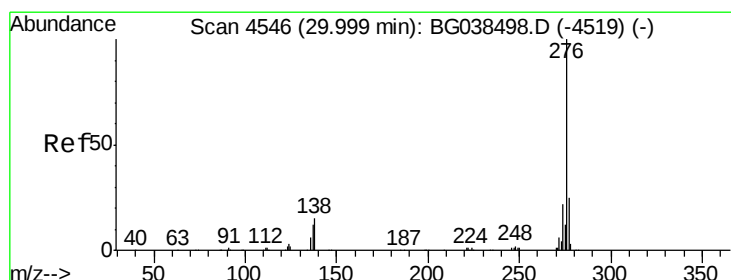
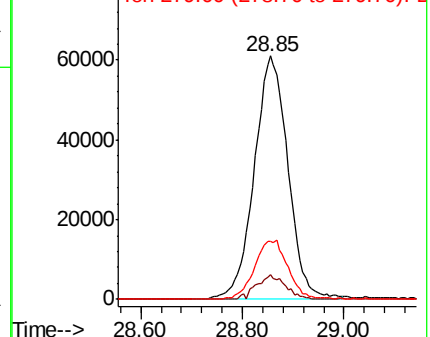
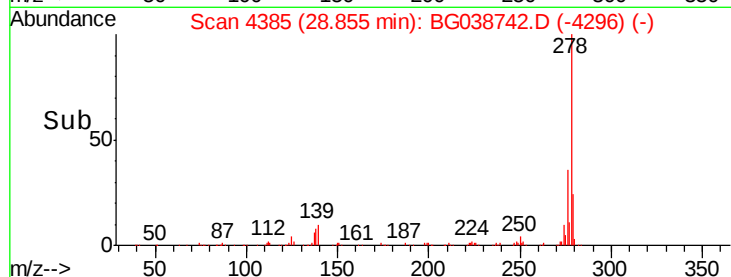


Abundance

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: 29.584 ng

RT: 29.99 min Scan# 4578

Delta R.T. -0.01 min

Lab File: BG038742.D

Acq: 20 Dec 2018 1:02

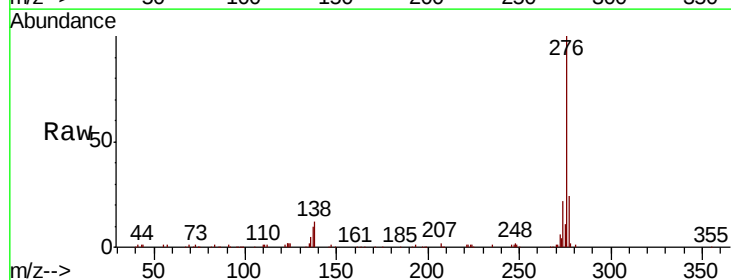
Tgt Ion: 276 Resp: 276936

Ion Ratio Lower Upper

276 100

277 24.3 19.8 29.8

138 11.9 11.8 17.6



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

