

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121518\
 Data File : BG038606.D
 Acq On : 15 Dec 2018 16:10
 Operator : JU/SJ
 Sample : PB115670BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Quant Time: Dec 16 02:22:33 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	8.06	152	22043	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	88119	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	57194	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	145395	20.00	ng	0.00
76) Chrysene-d12	21.72	240	157801	20.00	ng	0.00
87) Perylene-d12	25.01	264	175266	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	155445	125.08	ng	0.00
7) Phenol-d6	7.21	99	202596	118.75	ng	0.00
23) Nitrobenzene-d5	9.24	82	119372	69.21	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	94019	119.28	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	276284	66.27	ng	0.00
79) Terphenyl-d14	20.04	244	611541	84.34	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	21336	36.887	ng	93
3) Pyridine	3.89	79	55972	35.147	ng	93
4) n-Nitrosodimethylamine	3.82	42	36969	47.378	ng	# 87
6) Aniline	7.38	93	75406	34.622	ng	99
8) 2-Chlorophenol	7.62	128	63438	44.109	ng	99
9) Benzaldehyde	7.20	77	21540	19.462	ng	97
10) Phenol	7.24	94	79976	44.123	ng	98
11) bis(2-Chloroethyl)ether	7.48	93	54456	37.735	ng	97
12) 1,3-Dichlorobenzene	7.95	146	65118	38.293	ng	98
13) 1,4-Dichlorobenzene	8.09	146	67918	38.997	ng	94
14) 1,2-Dichlorobenzene	8.41	146	63510	38.681	ng	96
15) Benzyl Alcohol	8.30	79	57304	43.031	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	125914	38.089	ng	99
17) 2-Methylphenol	8.50	107	53041	43.676	ng	97
18) Hexachloroethane	9.14	117	24558	38.589	ng	97
19) n-Nitroso-di-n-propylamine	8.86	70	45331	37.830	ng	97
20) 3+4-Methylphenols	8.83	107	73694	43.940	ng	97
22) Acetophenone	8.89	105	89221	40.536	ng	# 100
24) Nitrobenzene	9.28	77	71481	40.965	ng	98
25) Isophorone	9.79	82	128363	41.419	ng	100
26) 2-Nitrophenol	9.99	139	35408	39.646	ng	93
27) 2,4-Dimethylphenol	10.03	122	62550	48.869	ng	99
28) bis(2-Chloroethoxy)methane	10.28	93	73950	42.283	ng	96
29) 2,4-Dichlorophenol	10.52	162	64594	45.363	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	69095	40.172	ng	96
31) Naphthalene	10.93	128	186569	42.971	ng	98
32) Benzoic acid	10.19	122	18972	28.559	ng	88
33) 4-Chloroaniline	11.04	127	42782	22.696	ng	97
34) Hexachlorobutadiene	11.19	225	44490	38.228	ng	94
35) Caprolactam	11.82	113	15177	25.755	ng	94
36) 4-Chloro-3-methylphenol	12.15	107	67206	41.359	ng	91
37) 2-Methylnaphthalene	12.53	142	138847	44.827	ng	98
38) 1-Methylnaphthalene	12.75	142	132395	44.048	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	80676	37.736	ng	99

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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	112919	96.138	ng	96
43) 2,4,6-Trichlorophenol	13.13	196	54575	41.517	ng	99
44) 2,4,5-Trichlorophenol	13.20	196	62070	44.598	ng	98
46) 1,1'-Biphenyl	13.53	154	179837	37.507	ng	99
47) 2-Chloronaphthalene	13.58	162	145548	39.298	ng	98
48) 2-Nitroaniline	13.79	65	49558	42.009	ng	100
49) Acenaphthylene	14.42	152	236453	42.706	ng	99
50) Dimethylphthalate	14.15	163	194715	41.689	ng	99
51) 2,6-Dinitrotoluene	14.28	165	44249	41.805	ng	97
52) Acenaphthene	14.76	154	136372	41.190	ng	97
53) 3-Nitroaniline	14.62	138	31175	28.893	ng	94
54) 2,4-Dinitrophenol	14.82	184	49374	78.502	ng	98
55) Dibenzofuran	15.10	168	228970	40.345	ng	97
56) 4-Nitrophenol	14.91	139	69715	85.171	ng	93
57) 2,4-Dinitrotoluene	15.06	165	63166	42.371	ng	100
58) Fluorene	15.74	166	183922	43.742	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53352	42.608	ng	97
60) Diethylphthalate	15.50	149	204028	39.792	ng	99
61) 4-Chlorophenyl-phenylether	15.73	204	104381	39.788	ng	99
62) 4-Nitroaniline	15.78	138	47593	42.845	ng	95
63) Azobenzene	16.02	77	174707	40.788	ng	97
65) 4,6-Dinitro-2-methylphenol	15.83	198	41044	39.573	ng	95
66) n-Nitrosodiphenylamine	15.95	169	168172	39.366	ng	99
67) 4-Bromophenyl-phenylether	16.62	248	68271	38.448	ng	91
68) Hexachlorobenzene	16.74	284	71985	39.107	ng	99
69) Atrazine	16.89	200	72048	45.445	ng	98
70) Pentachlorophenol	17.09	266	80619	74.047	ng	99
71) Phenanthrene	17.49	178	330465	43.830	ng	99
72) Anthracene	17.58	178	337949	45.403	ng	99
73) Carbazole	17.85	167	311449	42.309	ng	100
74) Di-n-butylphthalate	18.38	149	374001	44.278	ng	99
75) Fluoranthene	19.49	202	433519	46.472	ng	97
77) Benzidine	19.68	184	215345	46.144	ng	99
78) Pyrene	19.86	202	435852	41.809	ng	99
80) Butylbenzylphthalate	20.73	149	175033	42.976	ng	99
81) Benzo(a)anthracene	21.70	228	424876	44.186	ng	100
82) 3,3'-Dichlorobenzidine	21.62	252	109573	28.732	ng	100
83) Chrysene	21.77	228	394794	42.626	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	243531	42.160	ng	99
85) Di-n-octyl phthalate	22.80	149	417753	43.183	ng	99
86) Indeno(1,2,3-cd)pyrene	28.80	276	488174	44.833	ng	# 98
88) Benzo(b)fluoranthene	23.96	252	424889	44.154	ng	99
89) Benzo(k)fluoranthene	24.03	252	414741	43.282	ng	98
90) Benzo(a)pyrene	24.86	252	413568	44.549	ng	98
91) Dibenzo(a,h)anthracene	28.86	278	407993	44.139	ng	99
92) Benzo(g,h,i)perylene	29.99	276	407872	44.775	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

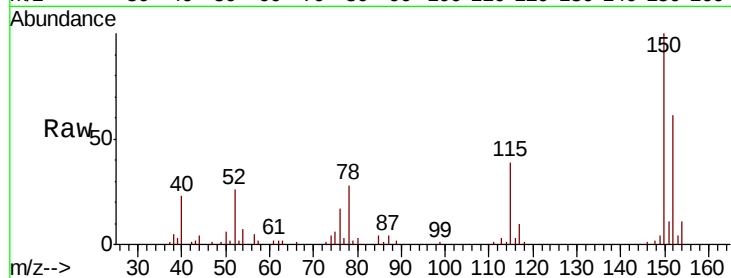
Tgt Ion:152 Resp: 22043

Ion Ratio Lower Upper

152 100

150 163.1 119.5 179.3

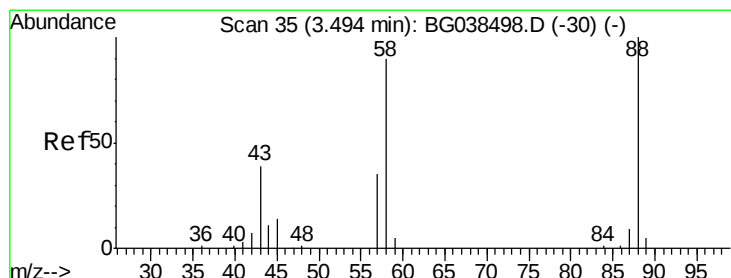
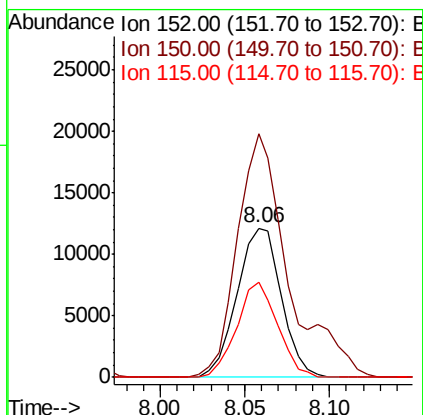
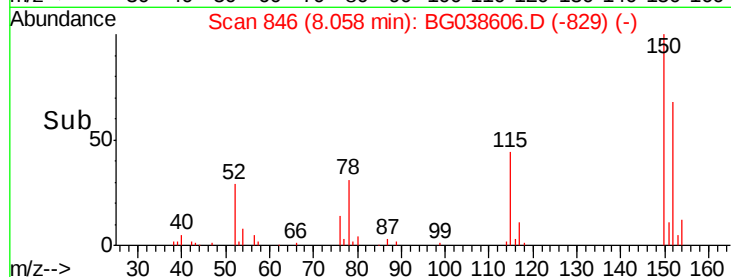
115 63.8 49.6 74.4



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



#2

1,4-Dioxane

Concen: 36.887 ng

RT: 3.49 min Scan# 68

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

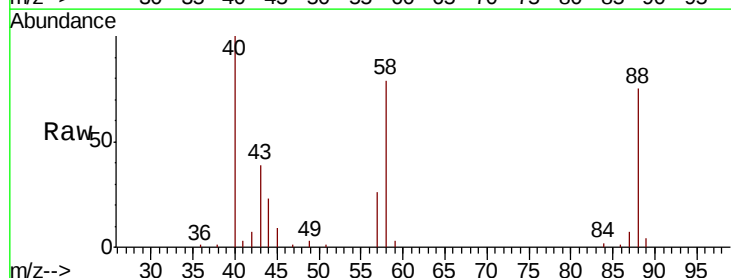
Tgt Ion: 88 Resp: 21336

Ion Ratio Lower Upper

88 100

58 101.0 75.7 113.5

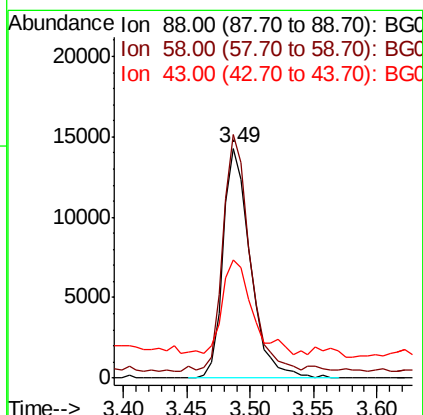
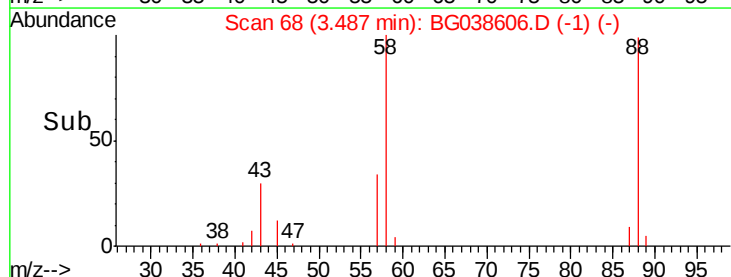
43 44.6 31.6 47.4

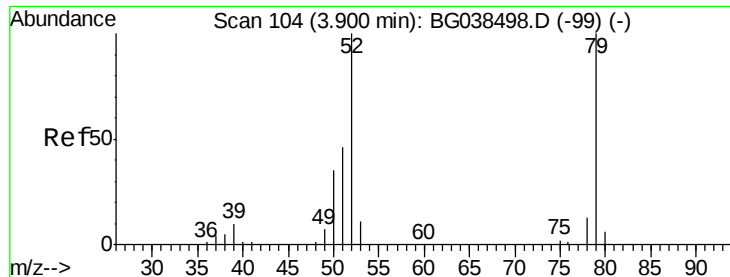


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 35.147 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

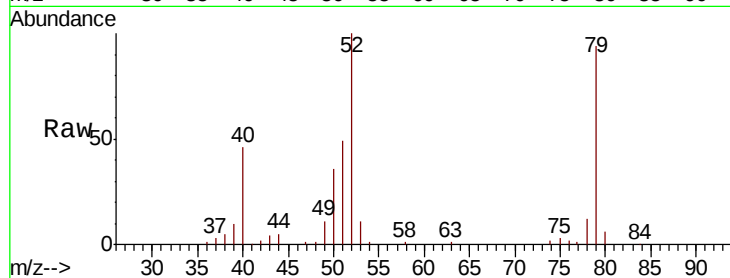
Tgt Ion: 79 Resp: 55972

Ion Ratio Lower Upper

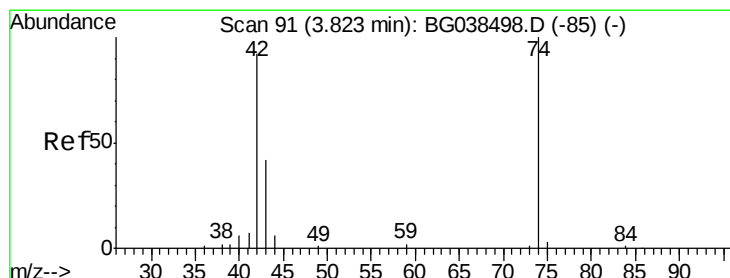
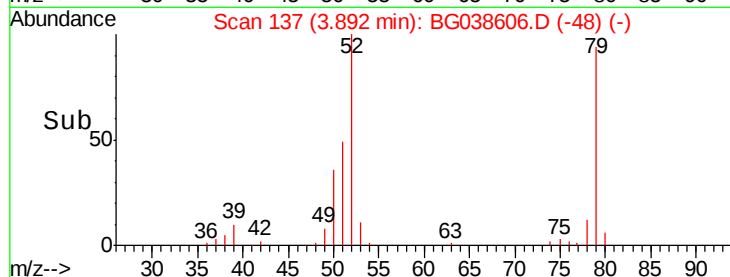
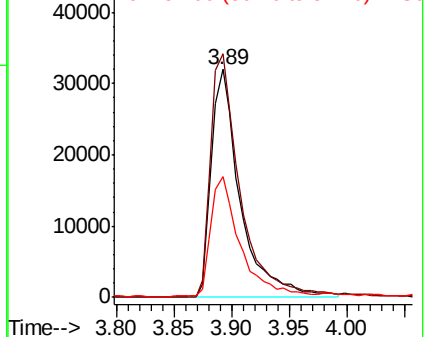
79 100

52 106.8 80.2 120.2

51 52.8 38.0 57.0



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 47.378 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

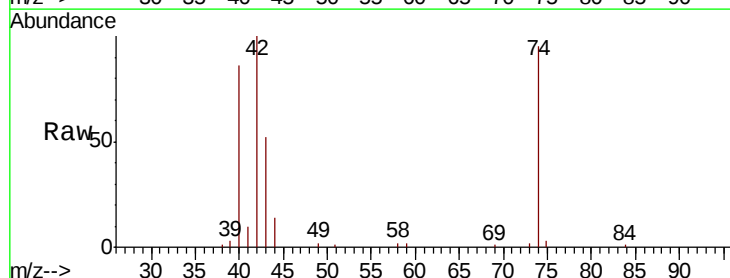
Tgt Ion: 42 Resp: 36969

Ion Ratio Lower Upper

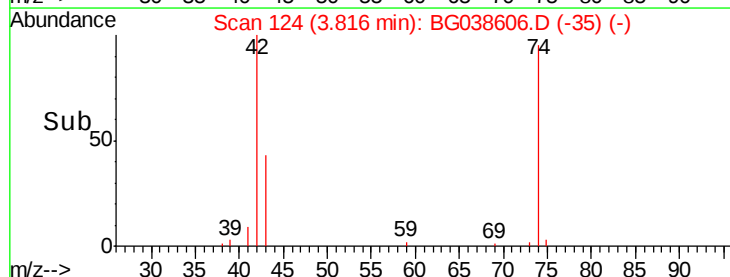
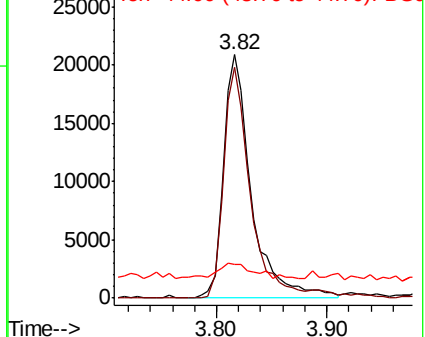
42 100

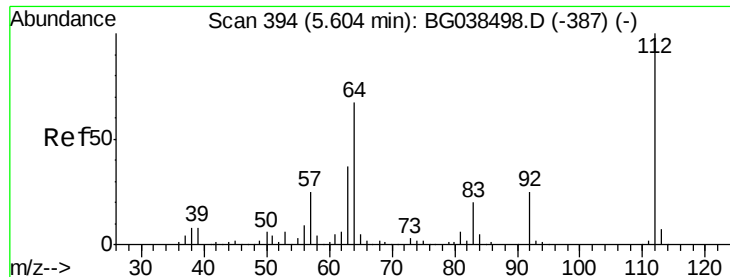
74 94.6 86.7 130.1

44 13.9 7.8 11.8#



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC

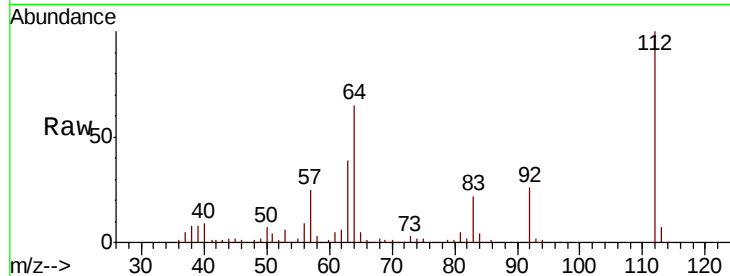




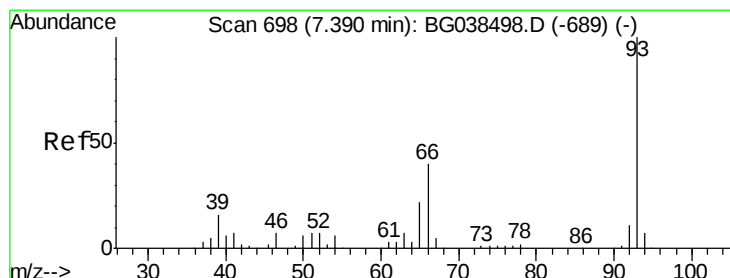
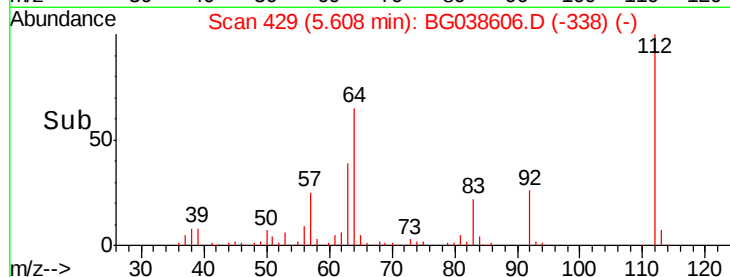
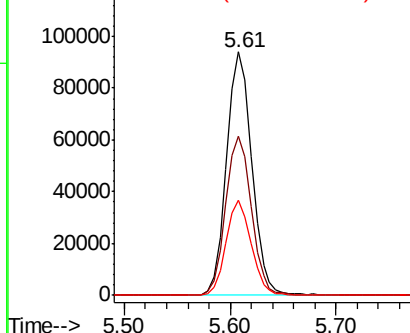
#5
 2-Fluorophenol
 Concen: 125.076 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
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Tgt Ion: 112 Resp: 155445
 Ion Ratio Lower Upper
 112 100
 64 65.3 53.4 80.2
 63 39.3 29.3 43.9

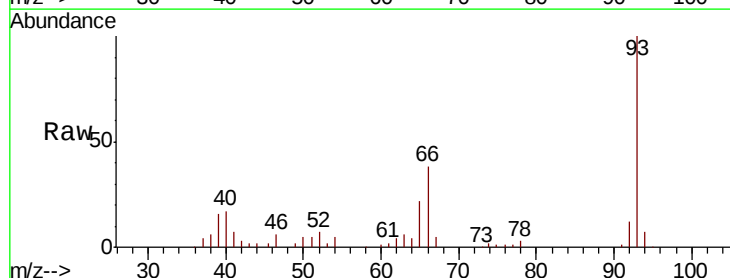


Abundance Ion 112.00 (111.70 to 112.70): BGC
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC

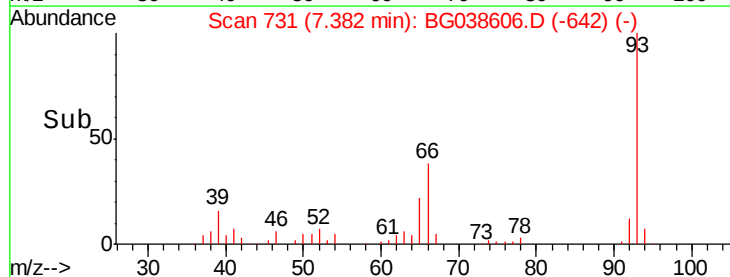
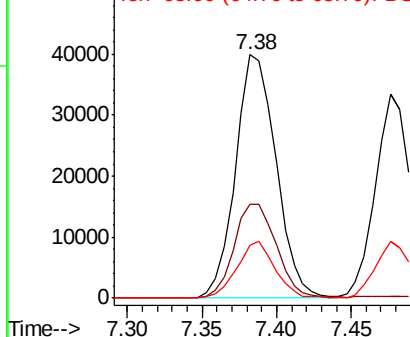


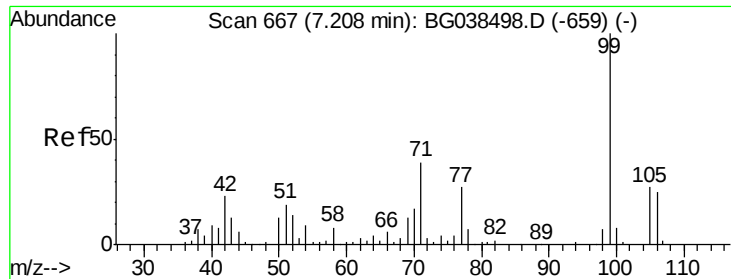
#6
 Aniline
 Concen: 34.622 ng
 RT: 7.38 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion: 93 Resp: 75406
 Ion Ratio Lower Upper
 93 100
 66 38.5 31.7 47.5
 65 21.8 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: 118.746 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

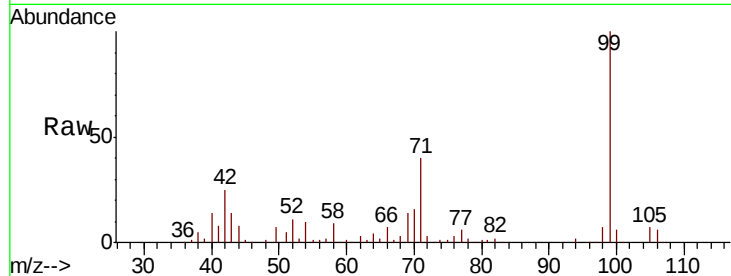
Tgt Ion: 99 Resp: 202596

Ion Ratio Lower Upper

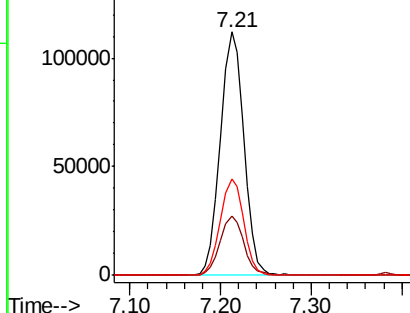
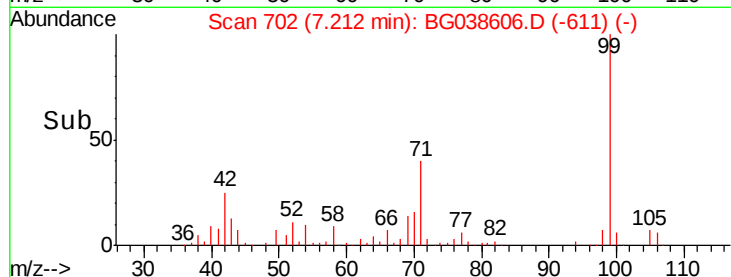
99 100

42 24.6 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: 44.109 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

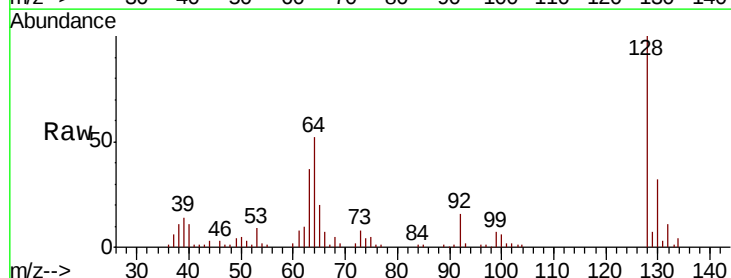
Tgt Ion: 128 Resp: 63438

Ion Ratio Lower Upper

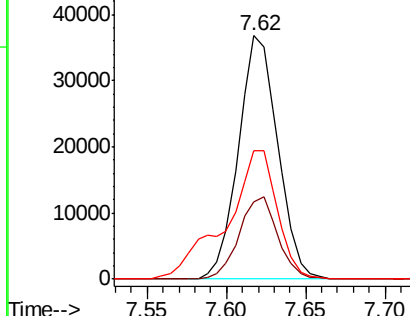
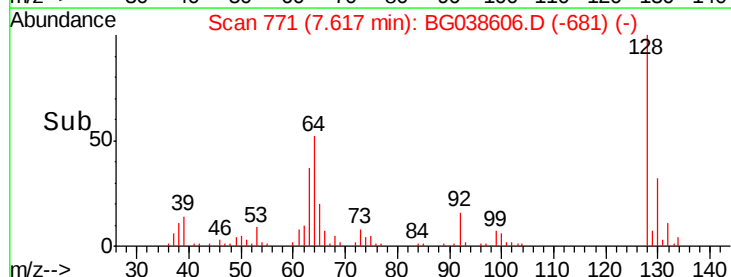
128 100

130 31.9 11.8 51.8

64 52.5 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: 19.462 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

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ClientSampleId :

PB115670BS

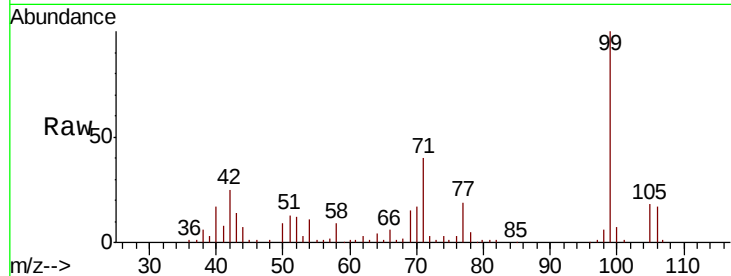
Tgt Ion: 77 Resp: 21540

Ion Ratio Lower Upper

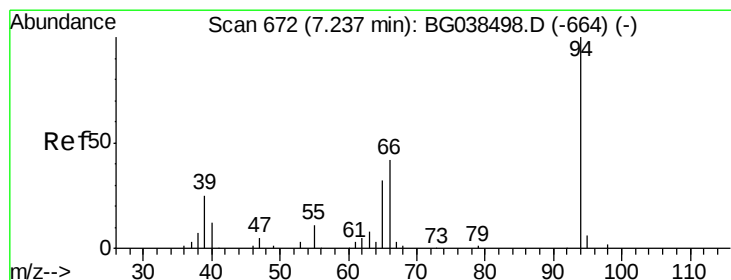
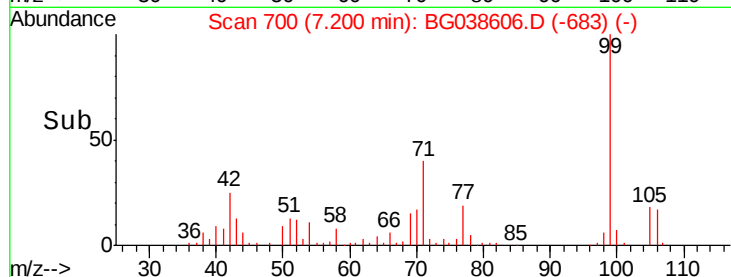
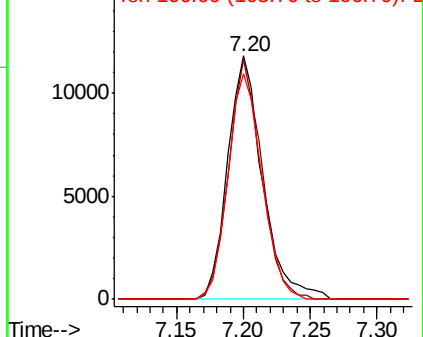
77 100

105 98.5 74.0 114.0

106 92.6 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: 44.123 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

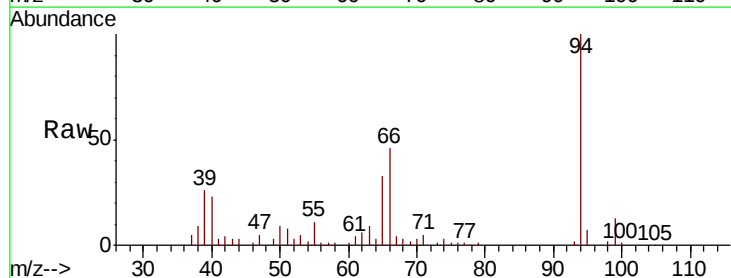
Tgt Ion: 94 Resp: 79976

Ion Ratio Lower Upper

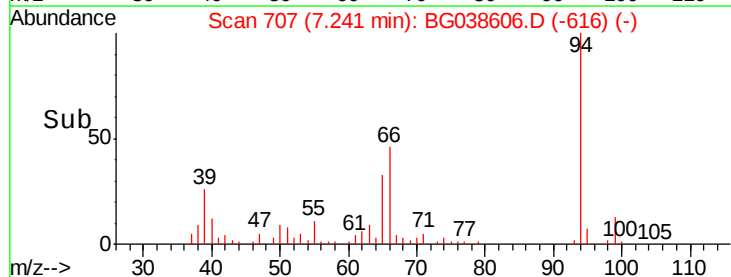
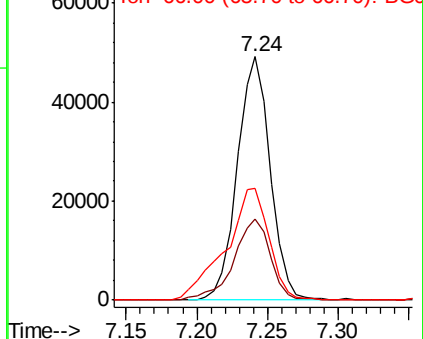
94 100

65 33.5 12.6 52.6

66 45.7 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

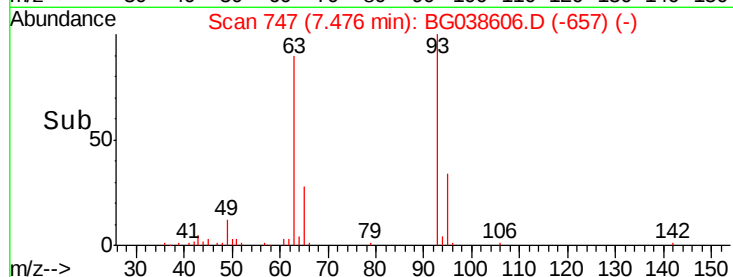
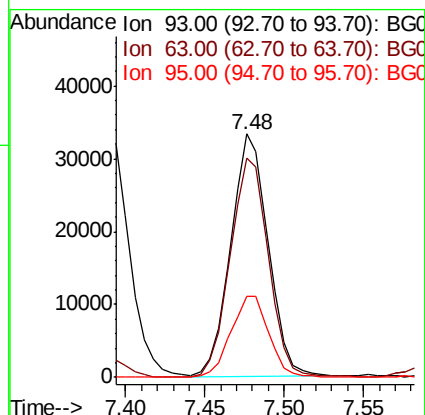
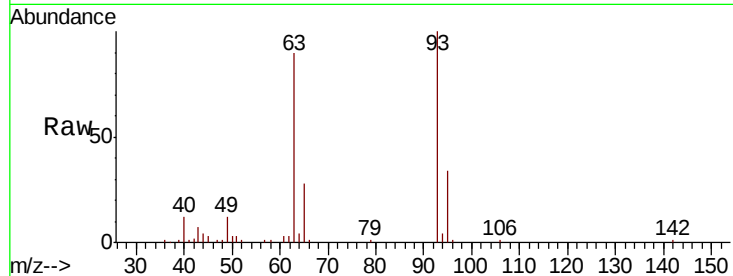




#11
bis(2-Chloroethyl)ether
Concen: 37.735 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

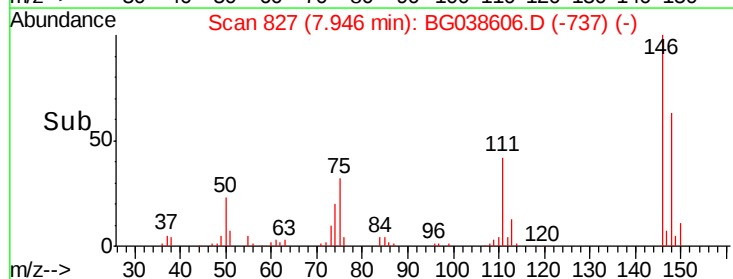
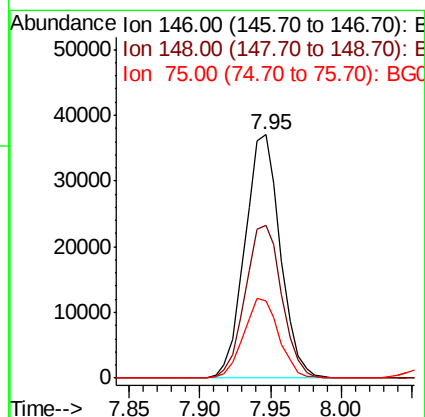
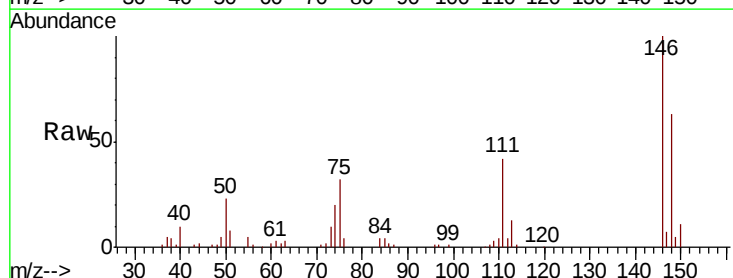
Instrument :
BNA_G
ClientSampleId :
PB115670BS

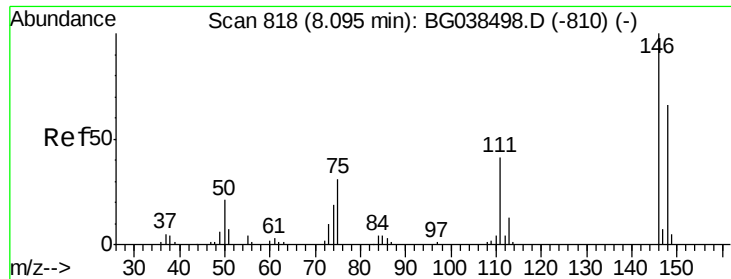
Tgt Ion: 93 Resp: 54456
Ion Ratio Lower Upper
93 100
63 90.2 72.2 112.2
95 33.5 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 38.293 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion: 146 Resp: 65118
Ion Ratio Lower Upper
146 100
148 62.8 51.4 77.0
75 31.8 26.1 39.1

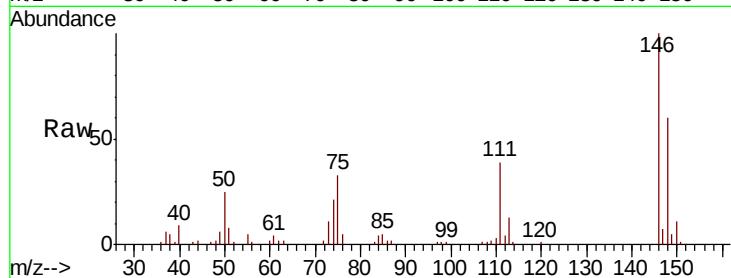




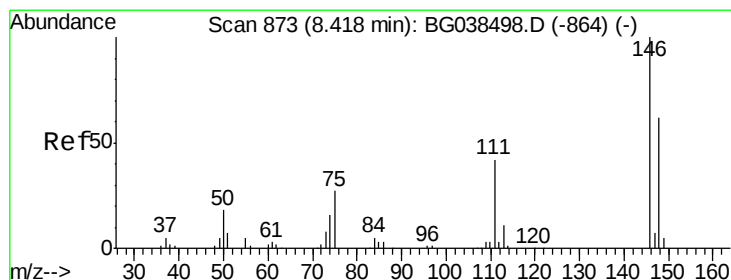
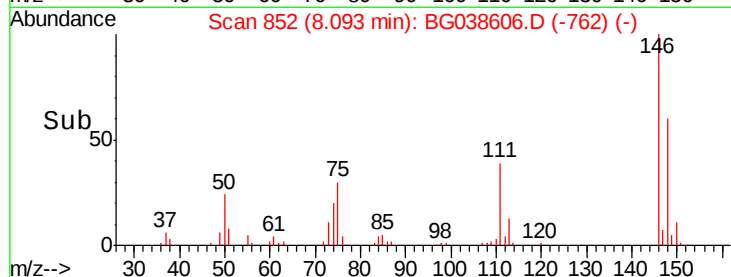
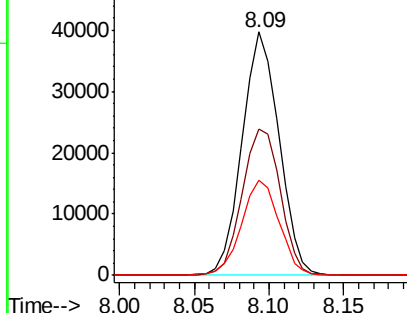
#13
 1,4-Dichlorobenzene
 Concen: 38.997 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleID :
 PB115670BS

Tgt Ion:146 Resp: 67918
 Ion Ratio Lower Upper
 146 100
 148 60.1 52.4 78.6
 111 39.0 33.0 49.4

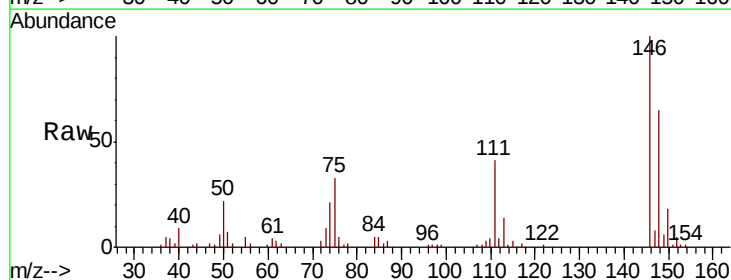


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

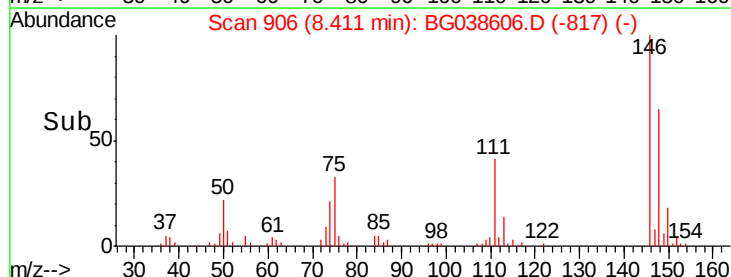
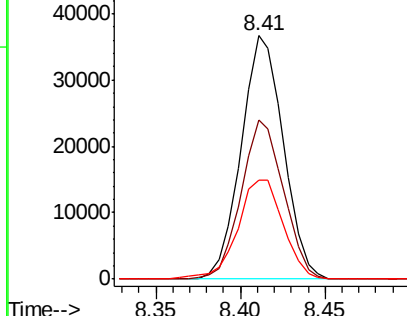


#14
 1,2-Dichlorobenzene
 Concen: 38.681 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:146 Resp: 63510
 Ion Ratio Lower Upper
 146 100
 148 65.5 49.4 74.0
 111 40.9 33.8 50.6



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

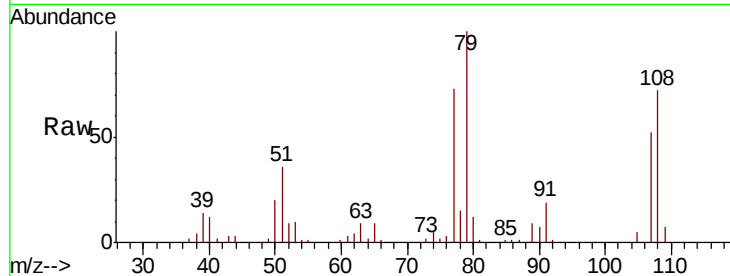




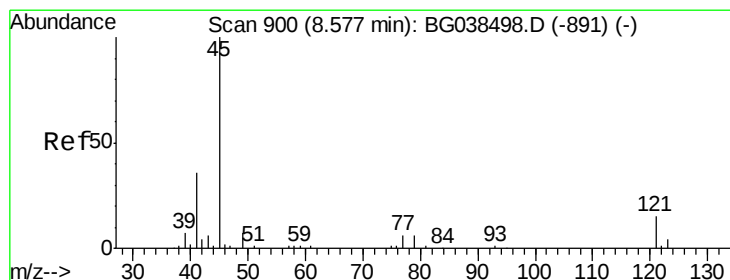
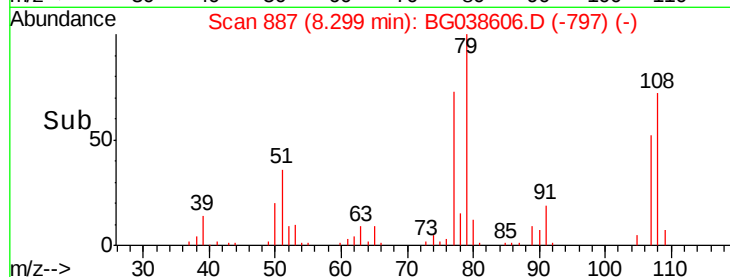
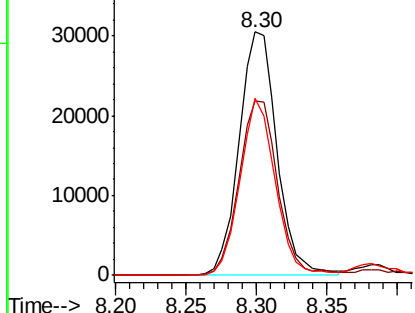
#15
Benzyl Alcohol
Concen: 43.031 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion: 79 Resp: 57304
Ion Ratio Lower Upper
79 100
108 71.6 60.2 90.4
77 72.6 50.7 76.1

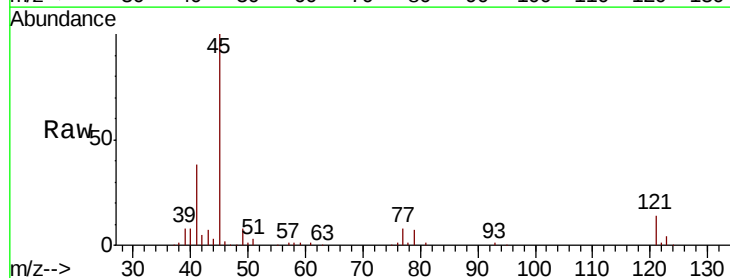


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

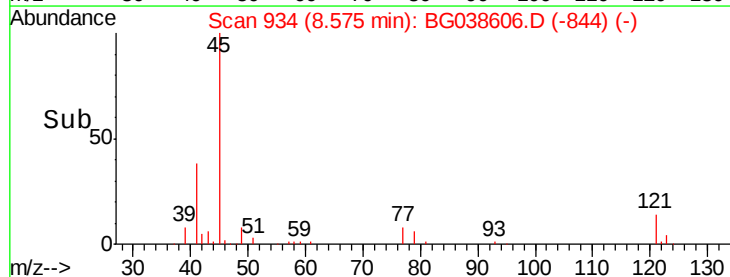
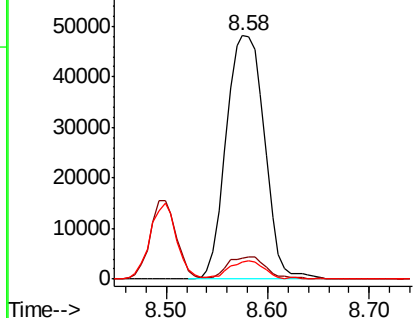


#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.089 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion: 45 Resp: 125914
Ion Ratio Lower Upper
45 100
77 8.4 0.0 28.2
79 6.9 0.0 27.2



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

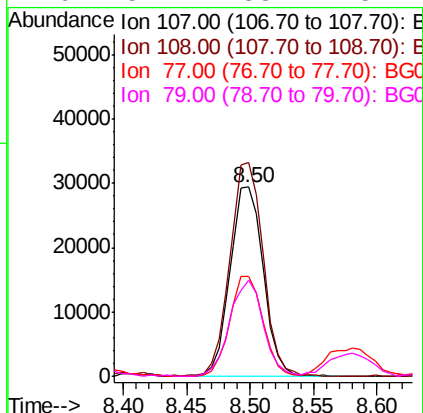
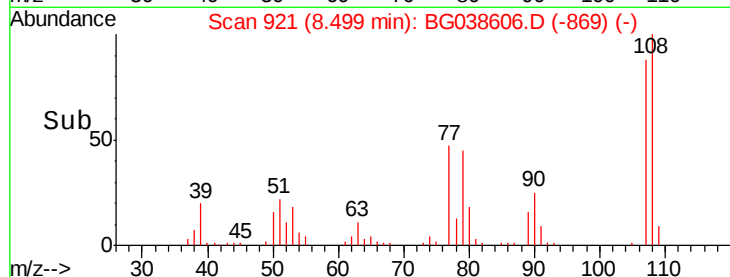
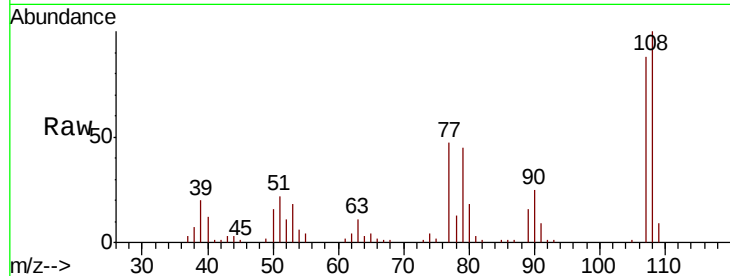




#17
2-Methylphenol
Concen: 43.676 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

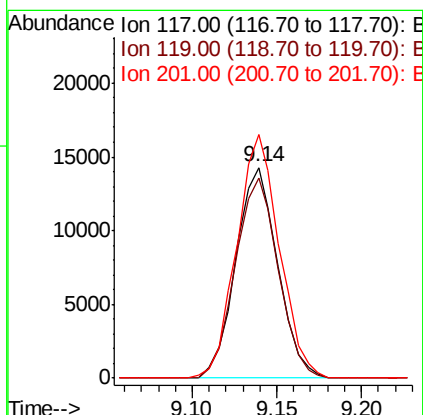
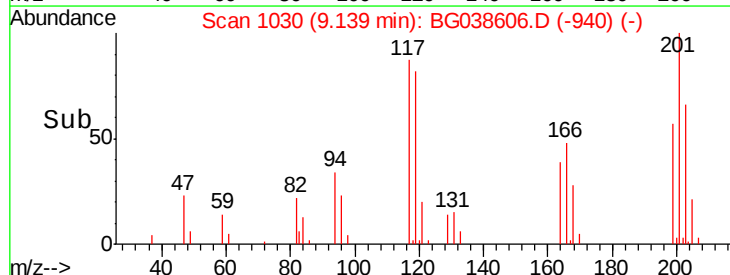
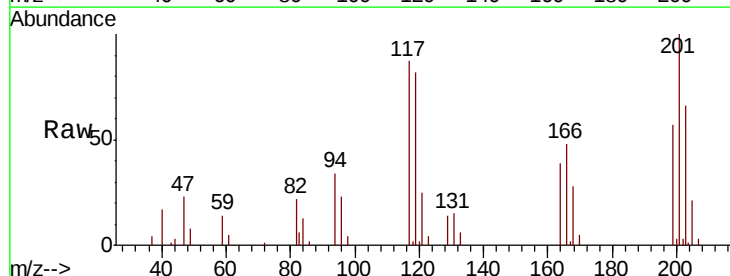
Instrument :
BNA_G
ClientSampleId :
PB115670BS

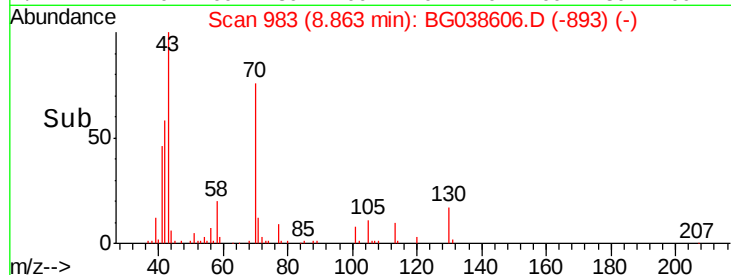
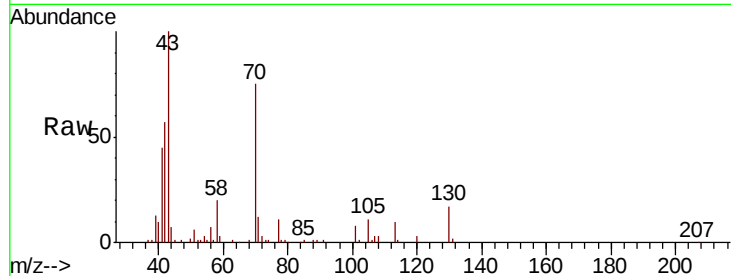
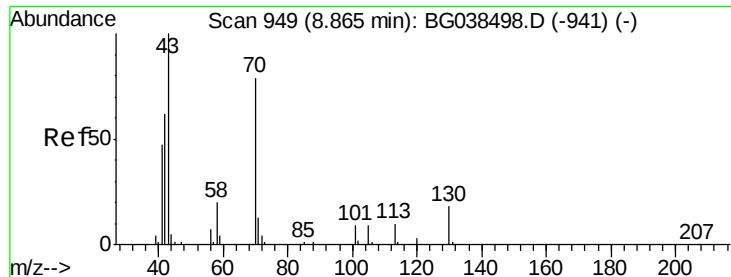
Tgt Ion:107 Resp: 53041
Ion Ratio Lower Upper
107 100
108 113.1 87.1 130.7
77 52.9 42.0 63.0
79 51.1 38.2 57.2



#18
Hexachloroethane
Concen: 38.589 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:117 Resp: 24558
Ion Ratio Lower Upper
117 100
119 94.9 73.8 110.8
201 115.5 89.4 134.0

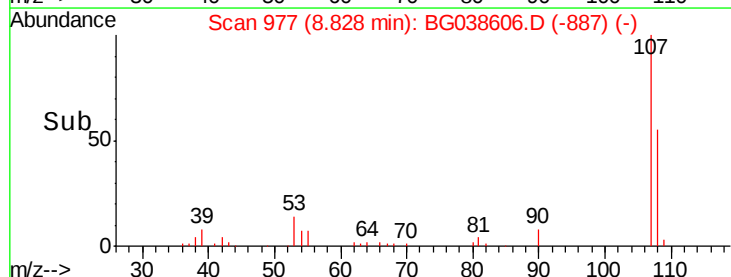
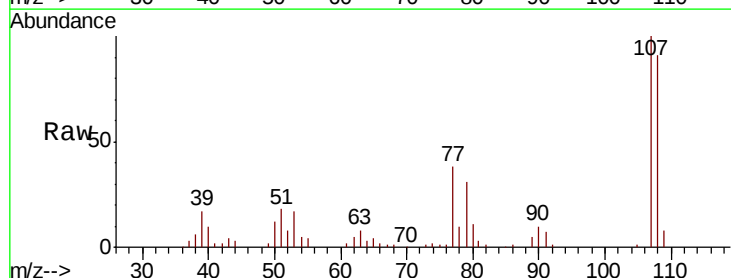
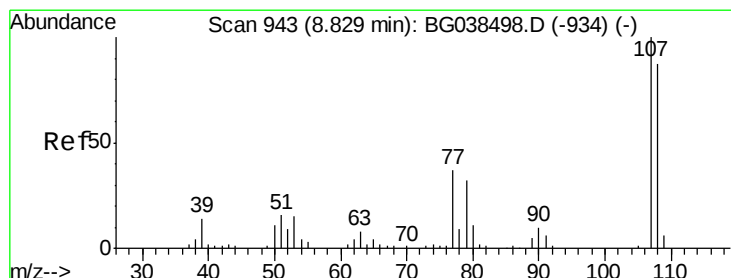
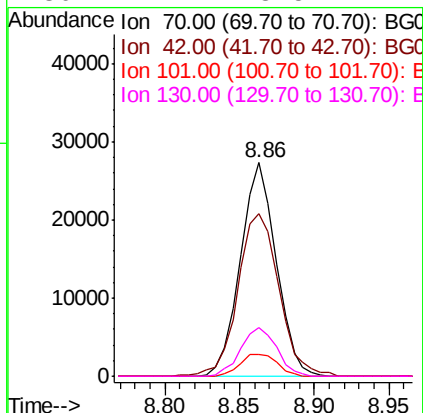




#19
n-Nitroso-di-n-propylamine
Concen: 37.830 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

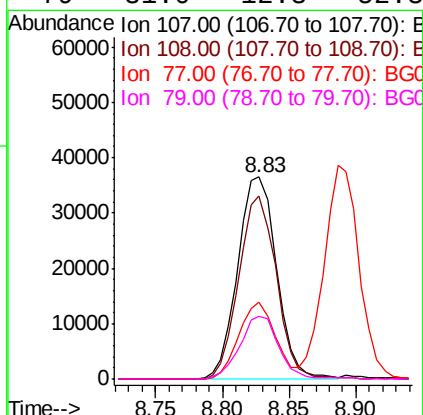
Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion:	70	Resp:	45331
Ion	Ratio	Lower	Upper
70	100		
42	75.8	63.6	95.4
101	10.5	9.2	13.8
130	22.7	18.5	27.7



#20
3+4-Methylphenols
Concen: 43.940 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:	107	Resp:	73694
Ion	Ratio	Lower	Upper
107	100		
108	90.8	66.7	106.7
77	37.8	17.3	57.3
79	31.0	12.3	52.3

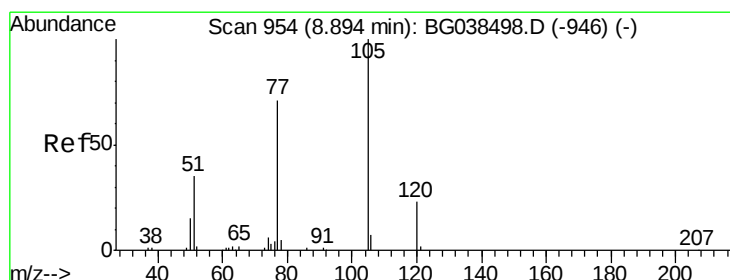
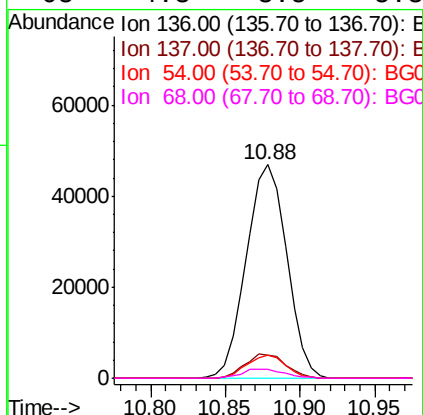
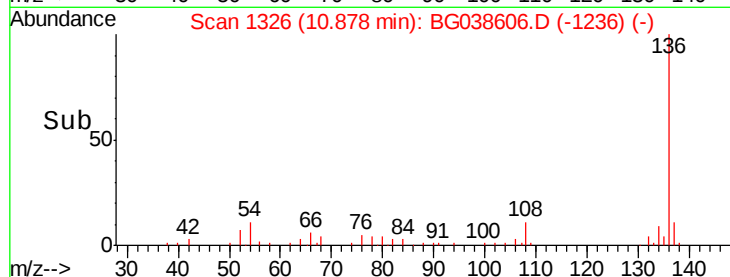
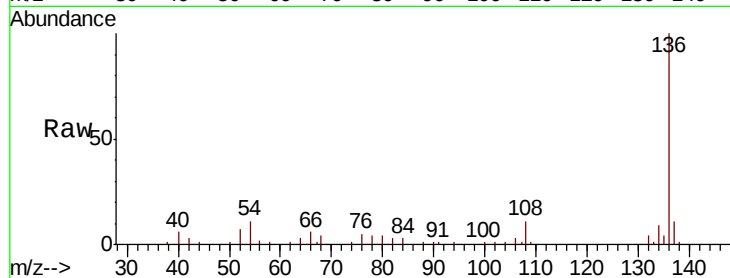




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

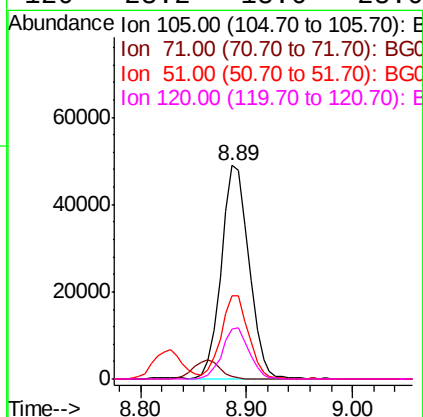
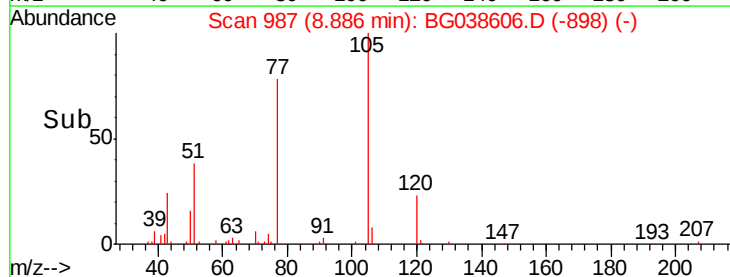
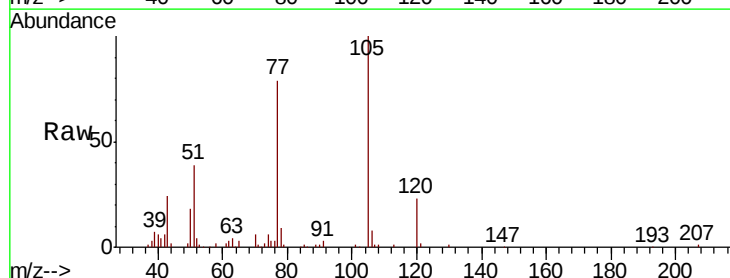
Instrument :
BNA_G
ClientSampleId :
PB115670BS

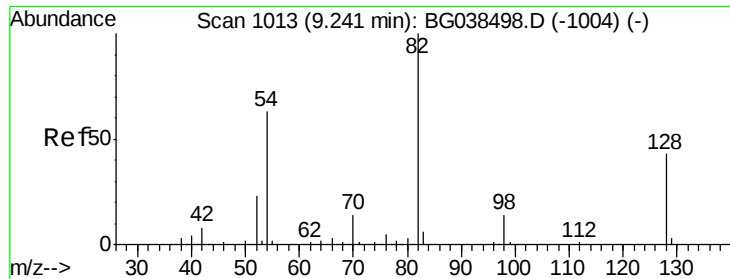
Tgt Ion:	136	Resp:	88119
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.3	13.9
54	10.7	8.5	12.7
68	4.3	3.5	5.3



#22
Acetophenone
Concen: 40.536 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:	105	Resp:	89221
Ion	Ratio	Lower	Upper
105	100		
71	1.3	0.4	0.6#
51	38.7	30.6	46.0
120	23.2	18.6	28.0

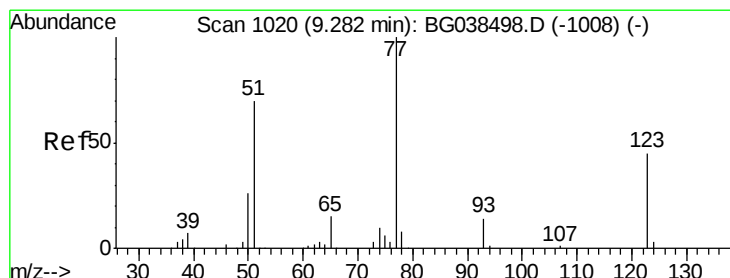
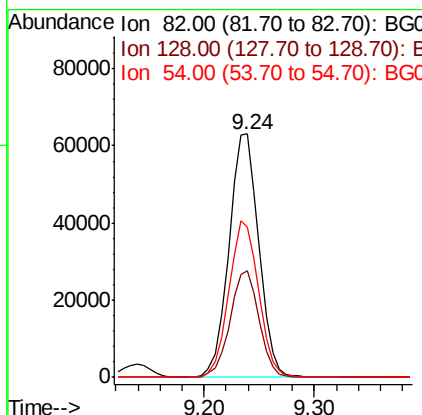
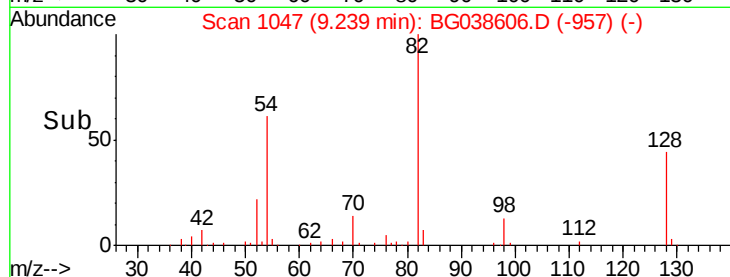
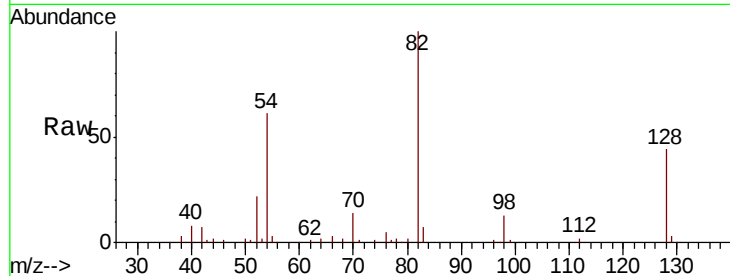




#23
 Nitrobenzene-d5
 Concen: 69.206 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

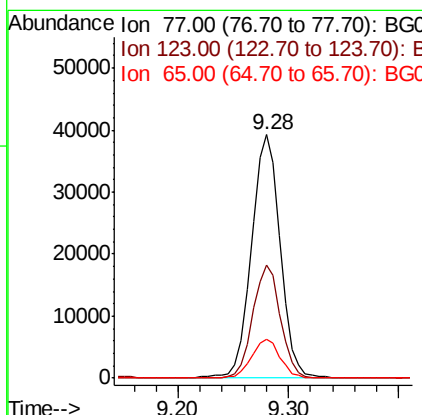
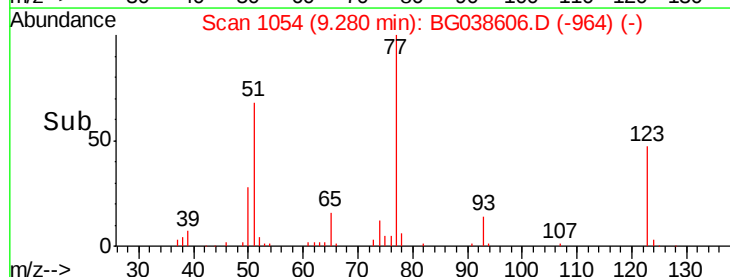
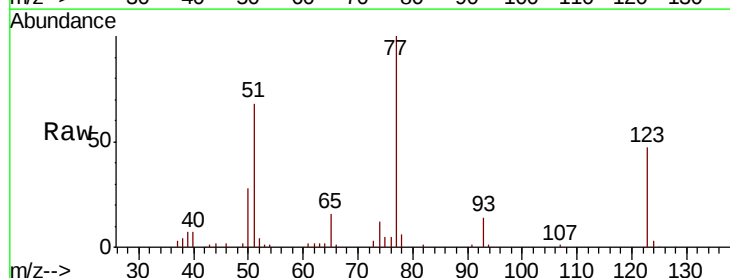
Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion: 82 Resp: 119372
 Ion Ratio Lower Upper
 82 100
 128 43.9 34.6 52.0
 54 61.5 50.6 76.0



#24
 Nitrobenzene
 Concen: 40.965 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion: 77 Resp: 71481
 Ion Ratio Lower Upper
 77 100
 123 46.5 35.9 53.9
 65 15.9 12.0 18.0

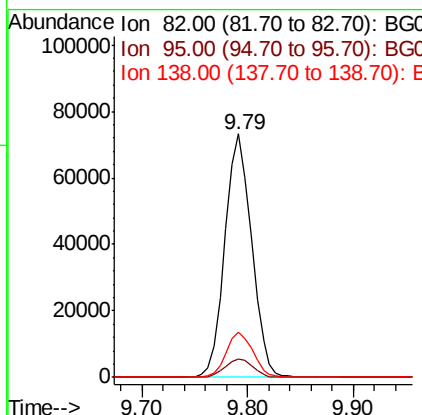
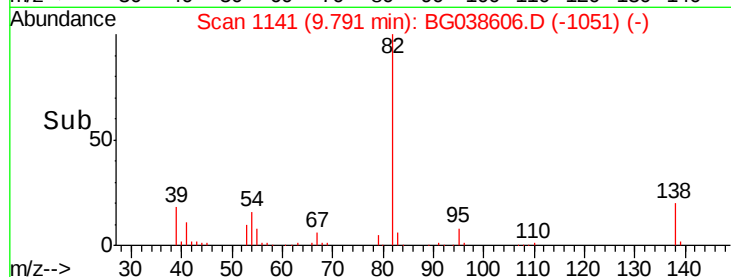
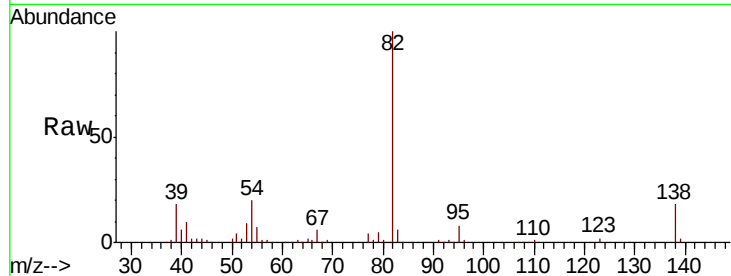




#25
Isophorone
Concen: 41.419 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

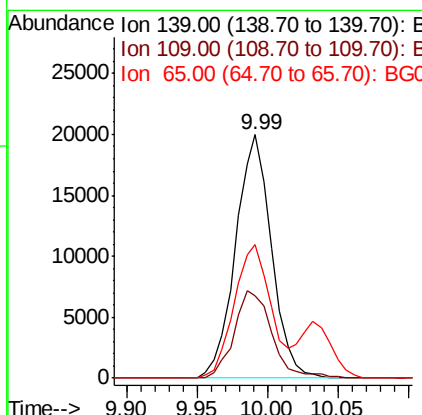
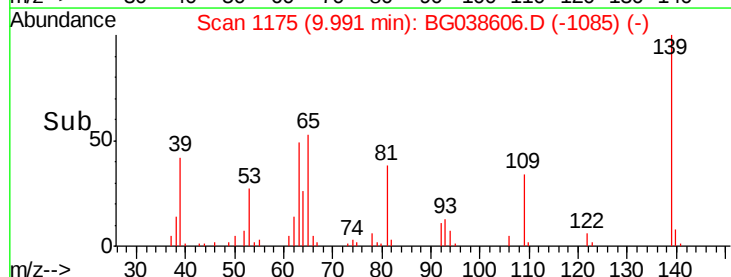
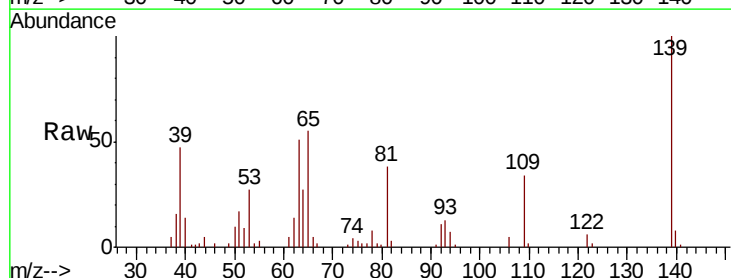
Instrument :
BNA_G
ClientSampleId :
PB115670BS

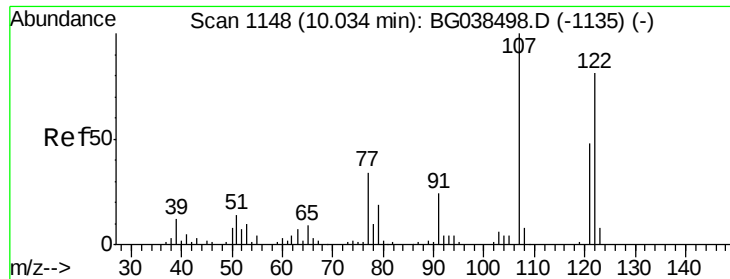
Tgt Ion: 82 Resp: 128363
Ion Ratio Lower Upper
82 100
95 7.6 6.1 9.1
138 18.4 14.9 22.3



#26
2-Nitrophenol
Concen: 39.646 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion: 139 Resp: 35408
Ion Ratio Lower Upper
139 100
109 33.6 29.5 44.3
65 55.1 48.5 72.7

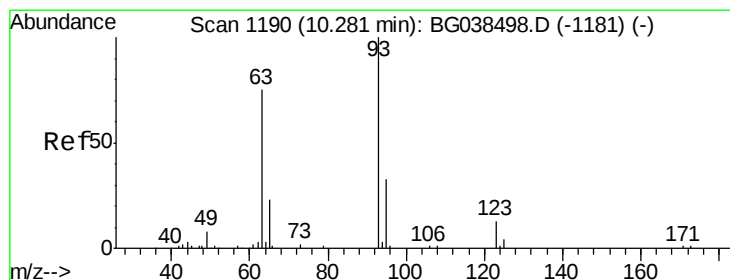
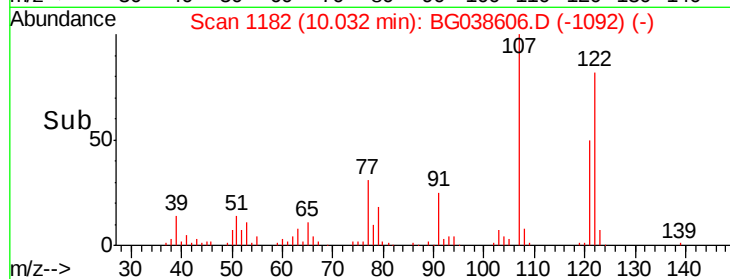
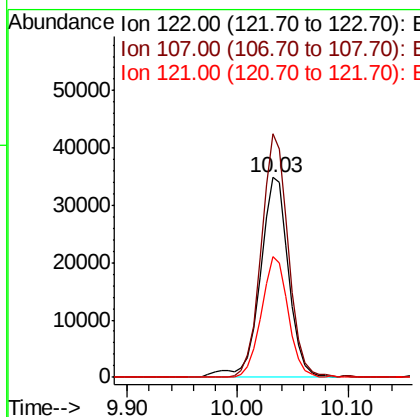
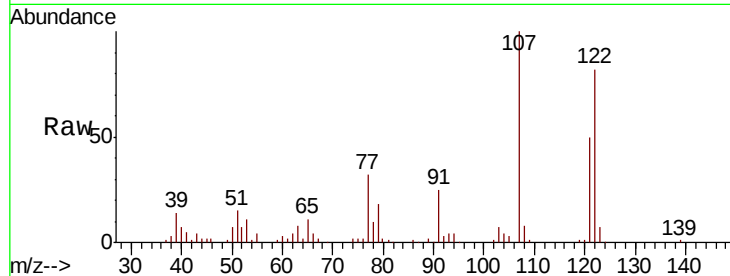




#27
 2,4-Dimethylphenol
 Concen: 48.869 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

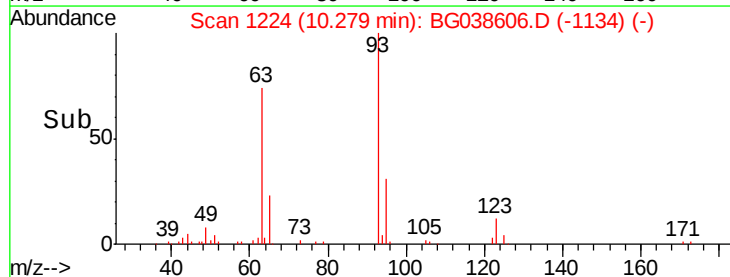
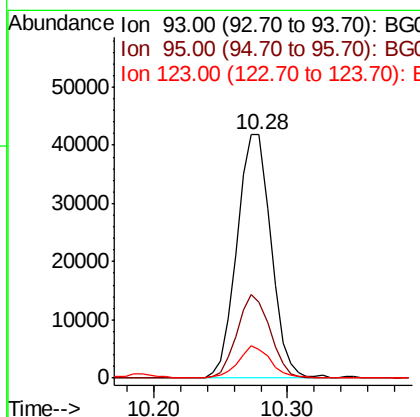
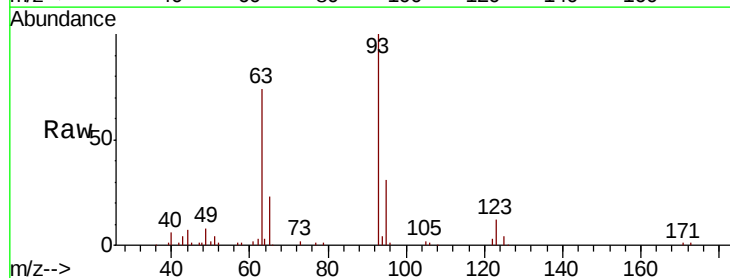
Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

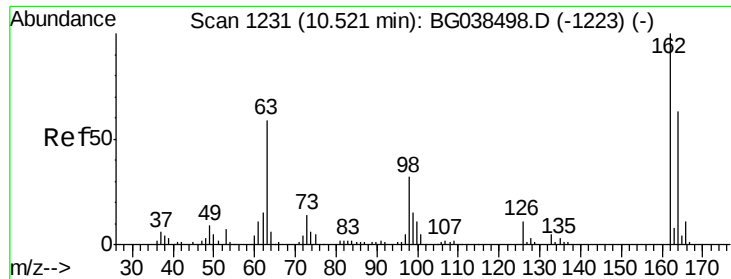
Tgt Ion:122 Resp: 62550
 Ion Ratio Lower Upper
 122 100
 107 121.9 98.4 147.6
 121 60.6 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.283 ng
 RT: 10.28 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion: 93 Resp: 73950
 Ion Ratio Lower Upper
 93 100
 95 31.1 26.6 40.0
 123 11.8 10.6 16.0





#29

2,4-Dichlorophenol

Concen: 45.363 ng

RT: 10.52 min Scan# 1265

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

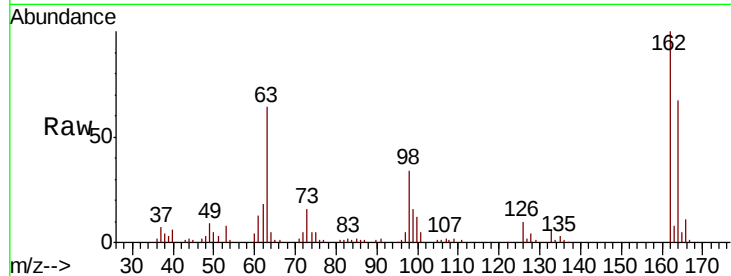
Tgt Ion:162 Resp: 64594

Ion Ratio Lower Upper

162 100

164 67.4 42.9 82.9

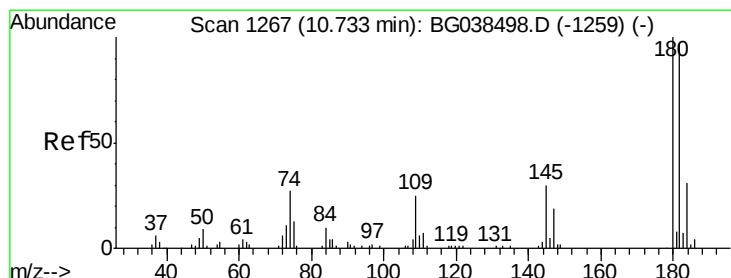
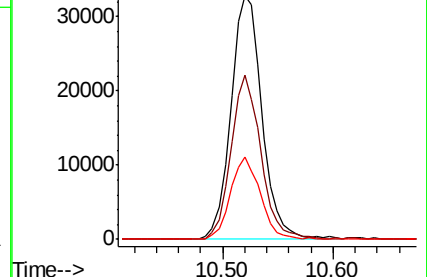
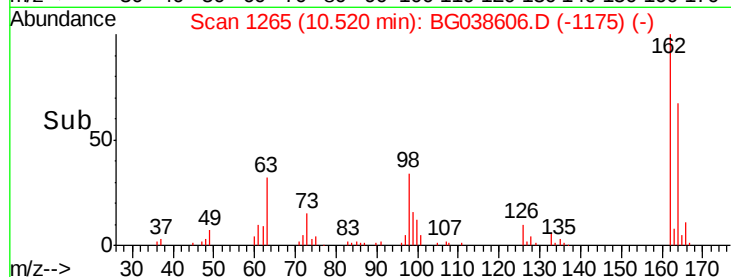
98 33.6 12.1 52.1



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): B



#30

1,2,4-Trichlorobenzene

Concen: 40.172 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

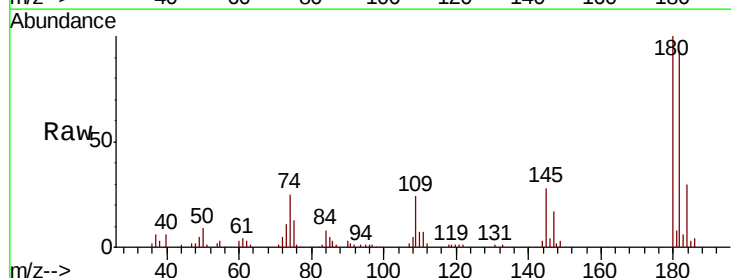
Tgt Ion:180 Resp: 69095

Ion Ratio Lower Upper

180 100

182 92.7 77.4 116.0

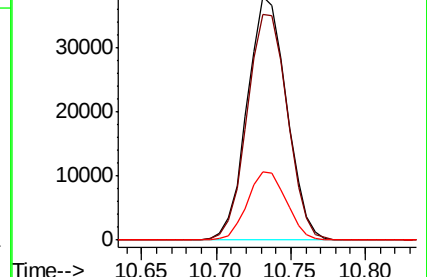
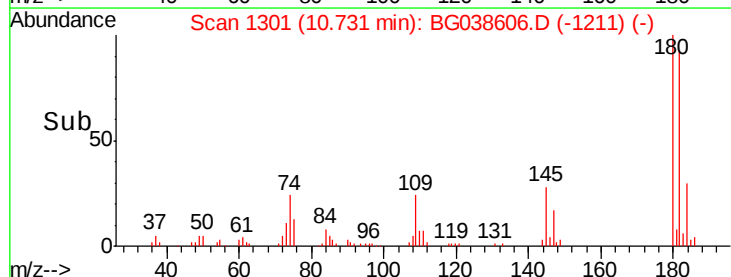
145 28.1 24.1 36.1

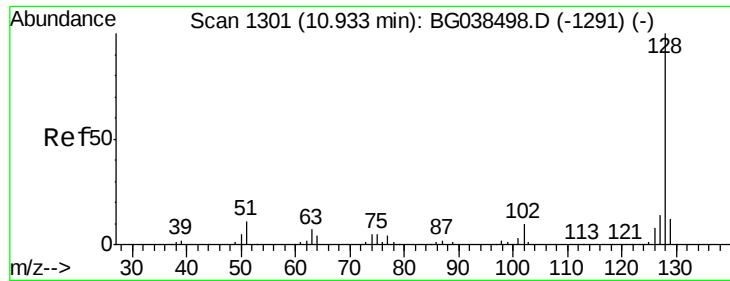


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

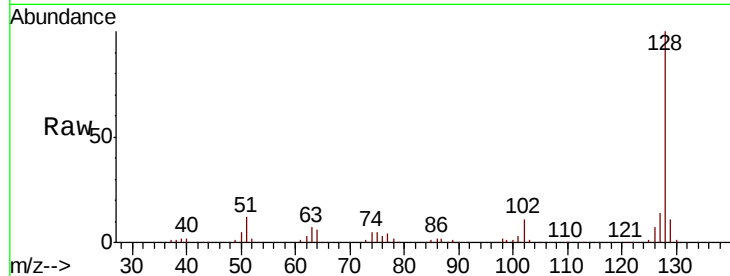




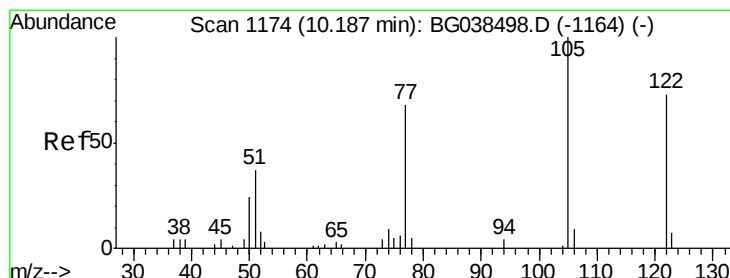
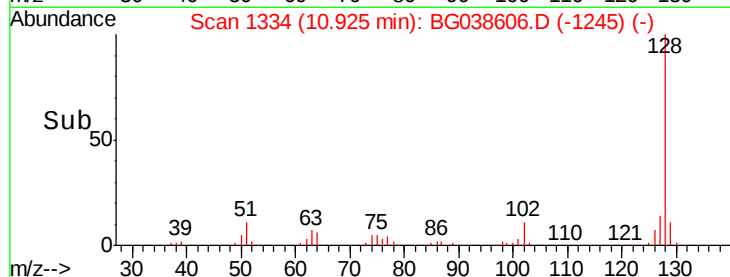
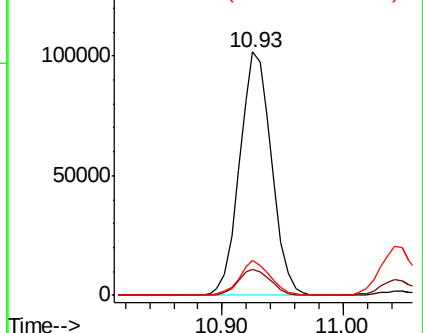
#31
Naphthalene
Concen: 42.971 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion:128 Resp: 186569
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 14.3 10.9 16.3

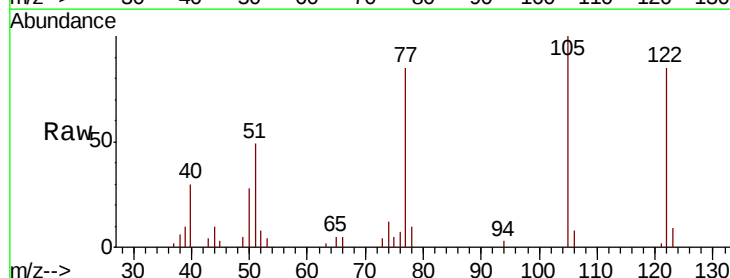


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

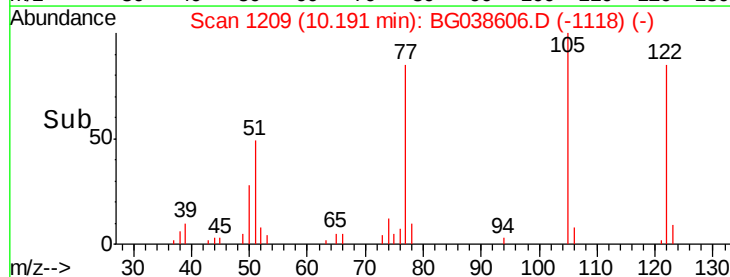
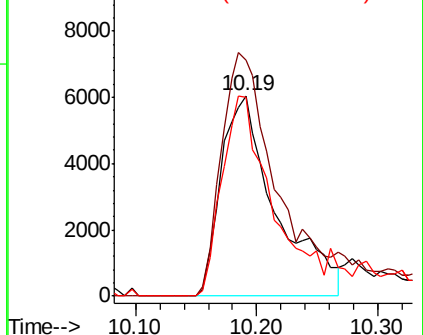


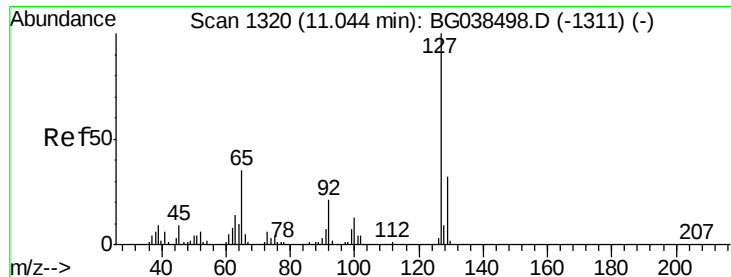
#32
Benzoic acid
Concen: 28.559 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:122 Resp: 18972
Ion Ratio Lower Upper
122 100
105 117.5 116.7 156.7
77 99.4 72.5 112.5



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

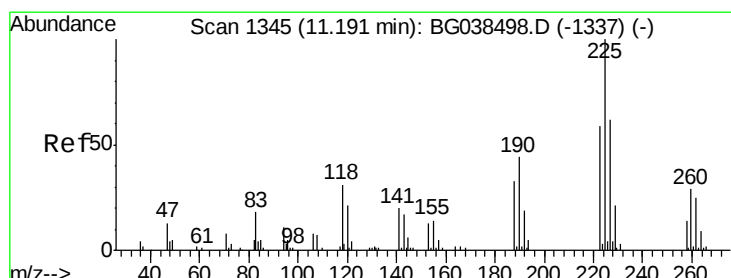
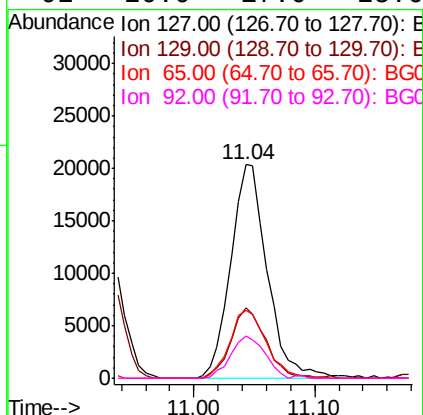
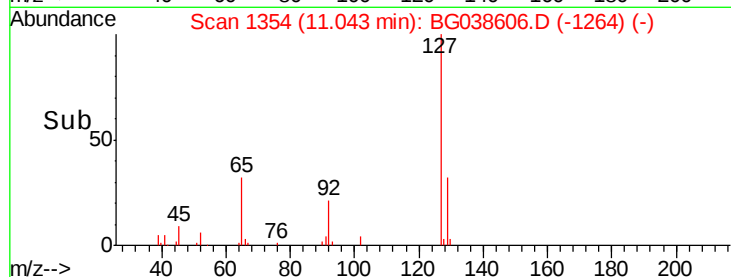
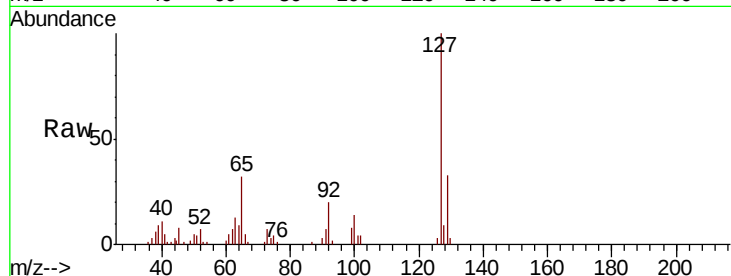




#33
4-Chloroaniline
Concen: 22.696 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

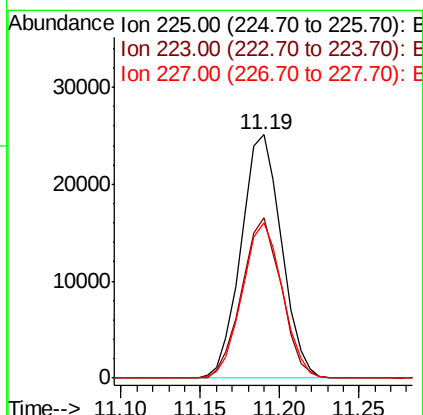
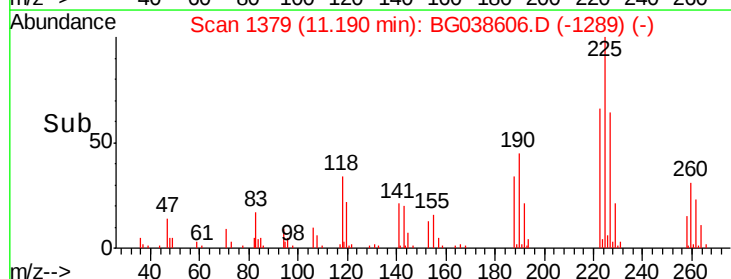
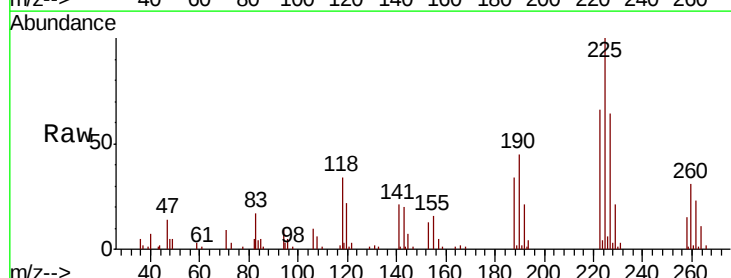
Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion:	127	Resp:	42782
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.8	38.8
65	31.9	27.8	41.6
92	20.0	17.0	25.6



#34
Hexachlorobutadiene
Concen: 38.228 ng
RT: 11.19 min Scan# 1379
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:	225	Resp:	44490
Ion	Ratio	Lower	Upper
225	100		
223	65.9	45.0	67.6
227	62.7	50.6	75.8





#35

Caprolactam

Concen: 25.755 ng

RT: 11.82 min Scan# 1487

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

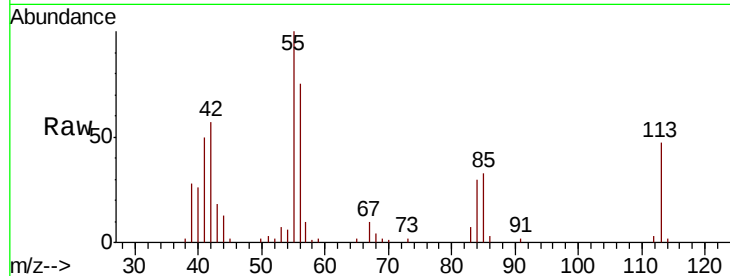
Tgt Ion:113 Resp: 15177

Ion Ratio Lower Upper

113 100

55 212.3 204.3 244.3

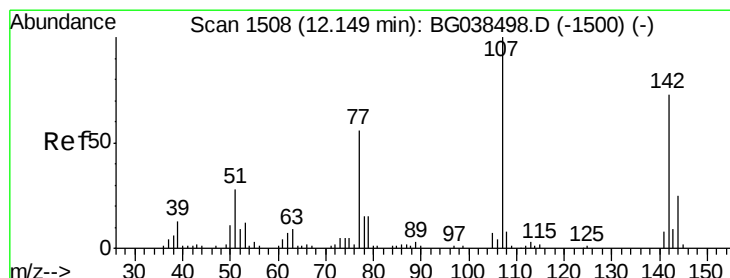
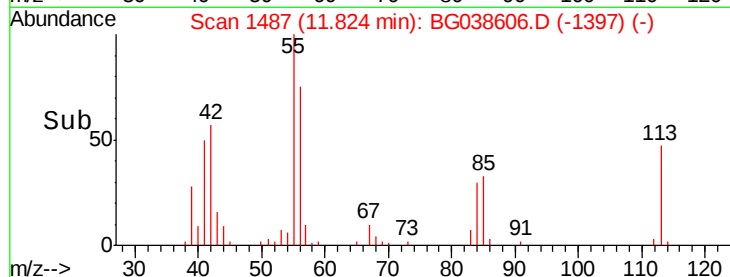
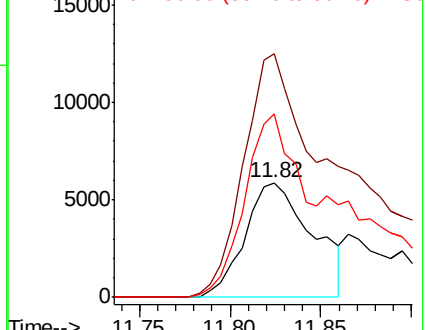
56 160.2 135.0 175.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG038498.D (-1445) (-)

Ion 56.00 (55.70 to 56.70): BG038498.D (-1445) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.359 ng

RT: 12.15 min Scan# 1543

Delta R.T. 0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

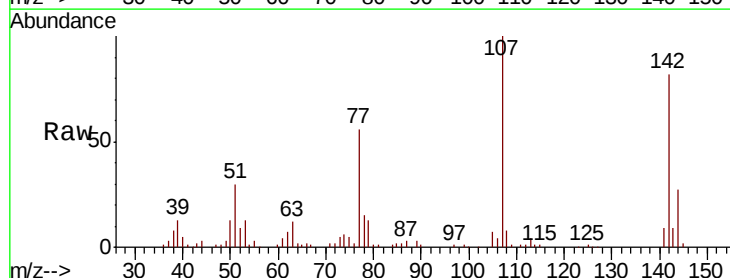
Tgt Ion:107 Resp: 67206

Ion Ratio Lower Upper

107 100

144 26.9 20.1 30.1

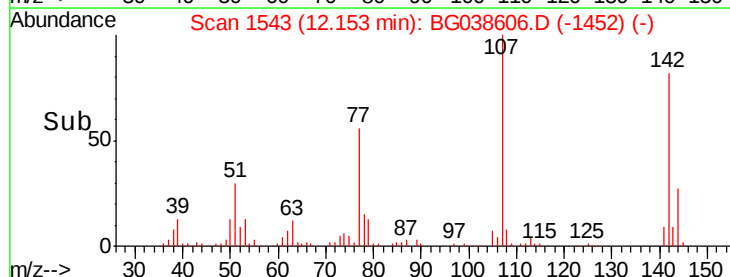
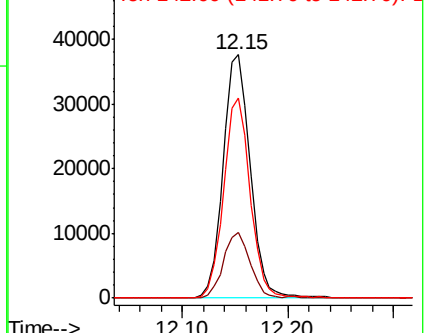
142 82.4 58.7 88.1

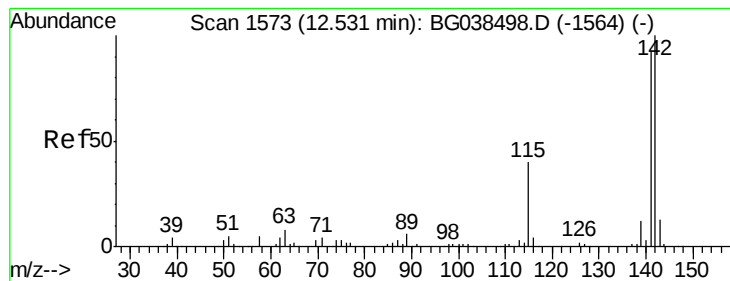


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.827 ng

RT: 12.53 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

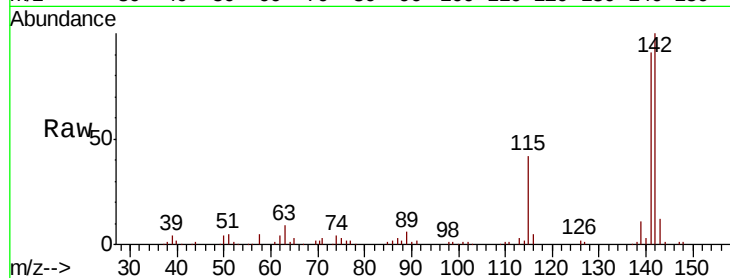
Tgt Ion:142 Resp: 138847

Ion Ratio Lower Upper

142 100

141 90.8 73.5 110.3

115 42.3 31.7 47.5

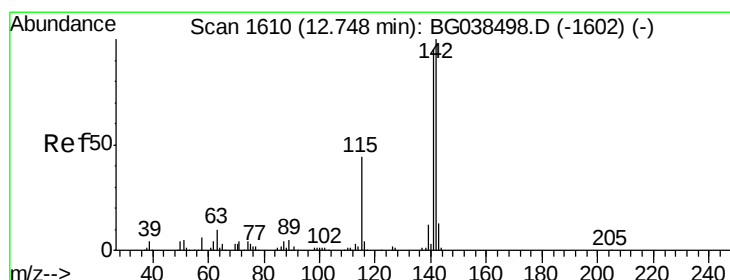
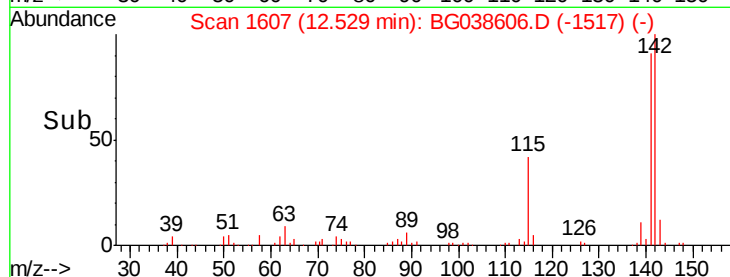
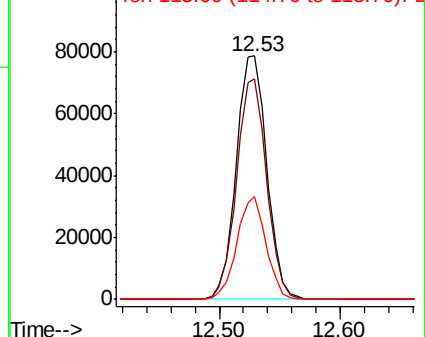


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 44.048 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

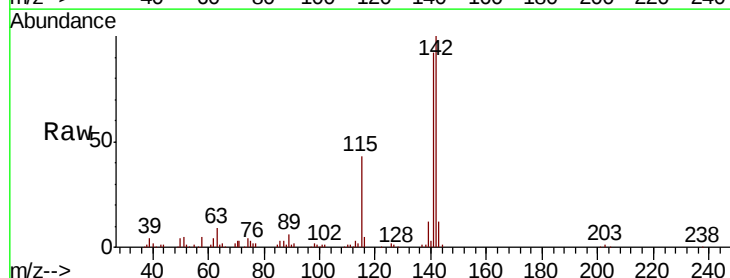
Tgt Ion:142 Resp: 132395

Ion Ratio Lower Upper

142 100

141 92.4 75.8 113.8

116 4.6 3.6 5.4

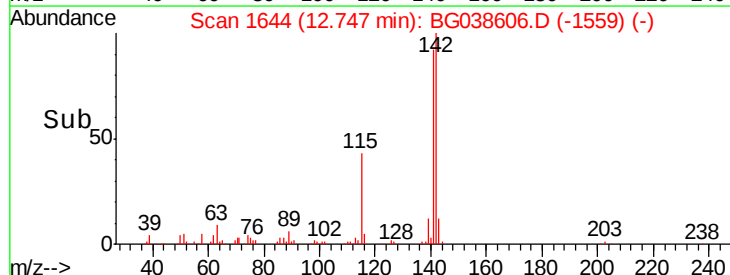
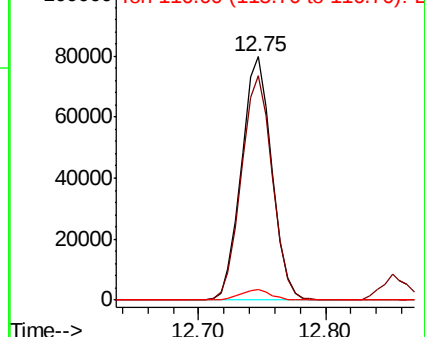


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

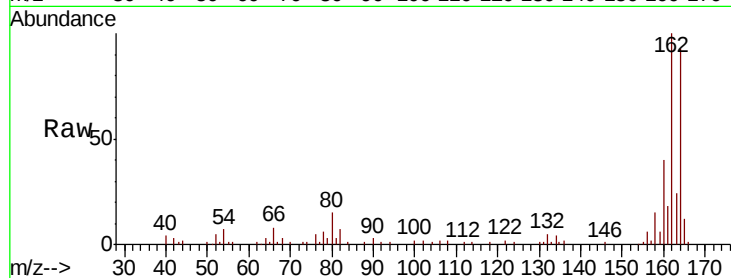
Tgt Ion:164 Resp: 57194

Ion Ratio Lower Upper

164 100

162 107.1 86.6 130.0

160 43.1 34.2 51.2

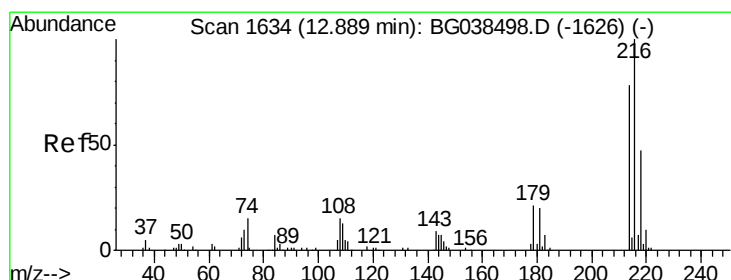
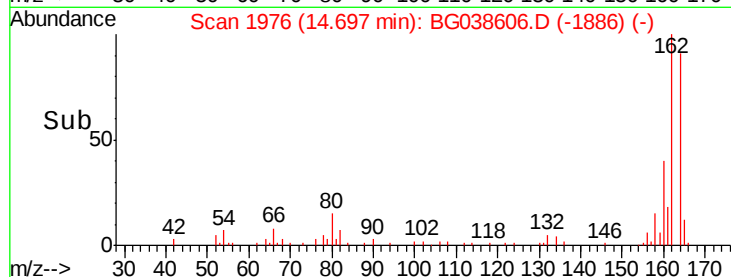
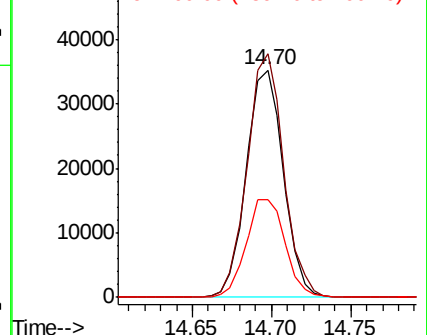


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.736 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Tgt Ion:216 Resp: 80676

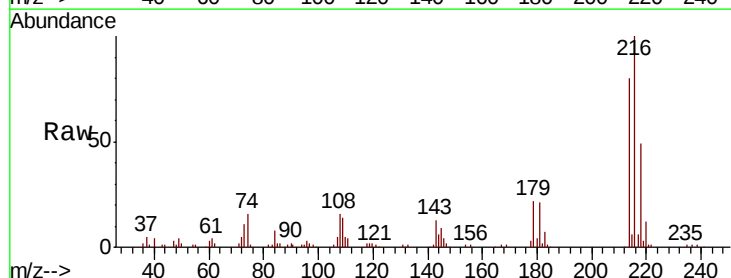
Ion Ratio Lower Upper

216 100

214 79.7 64.1 96.1

179 20.3 16.4 24.6

108 19.8 13.9 20.9



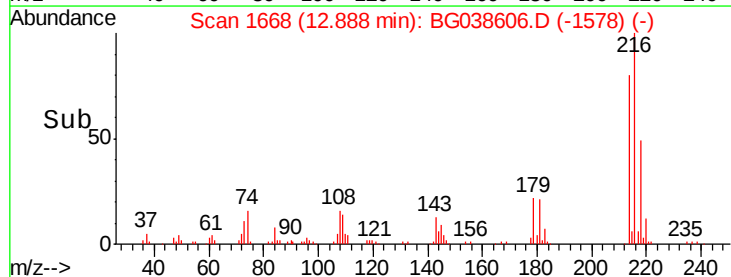
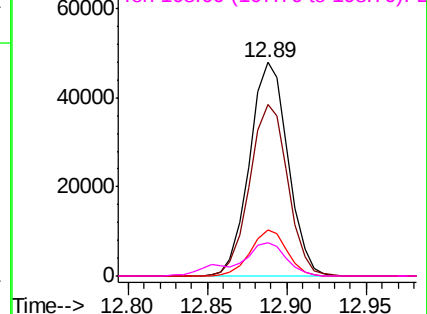
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 96.138 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

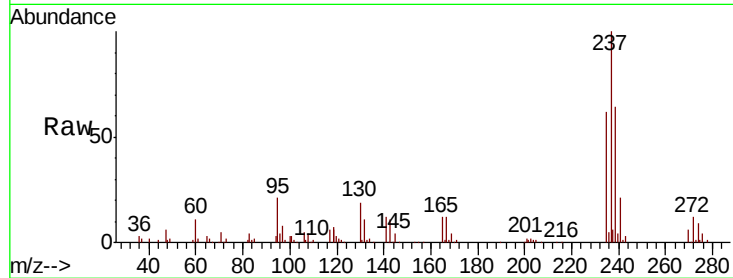
Tgt Ion:237 Resp: 112919

Ion Ratio Lower Upper

237 100

235 62.4 38.8 78.8

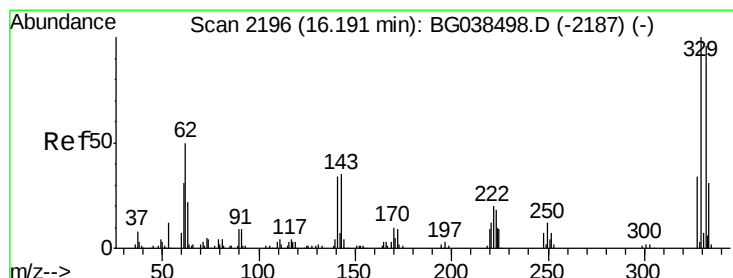
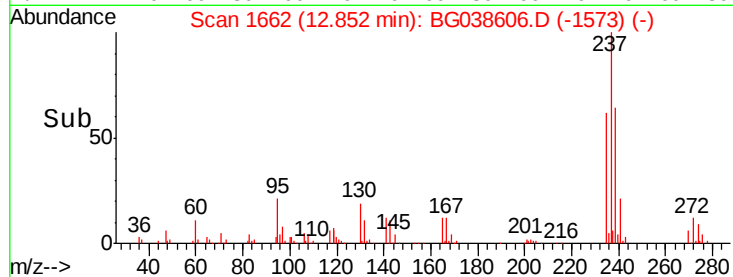
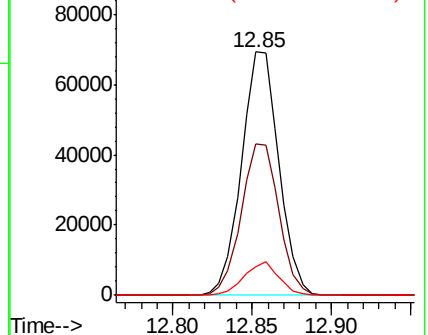
272 11.8 0.0 32.0



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: 119.278 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

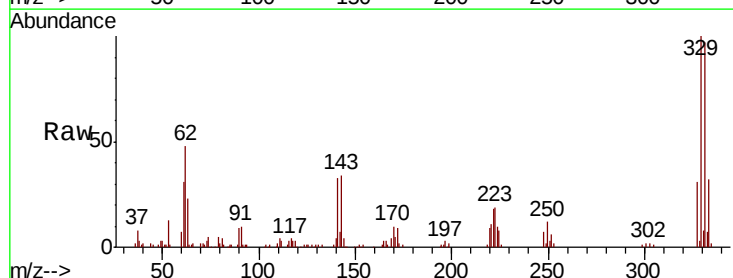
Tgt Ion:330 Resp: 94019

Ion Ratio Lower Upper

330 100

332 96.0 76.9 115.3

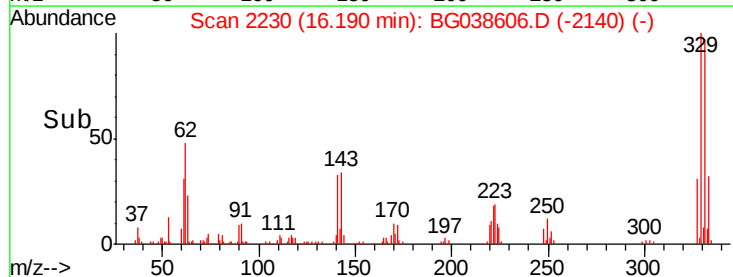
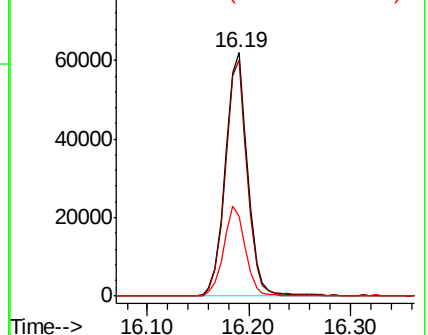
141 36.0 28.8 43.2

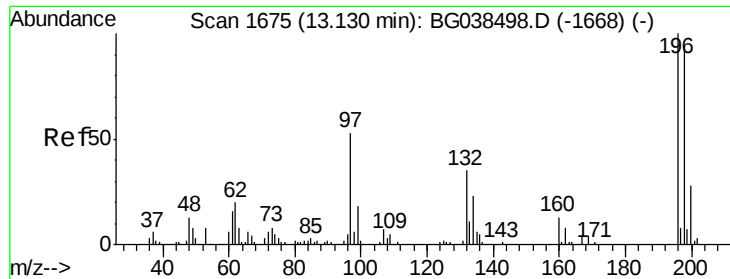


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

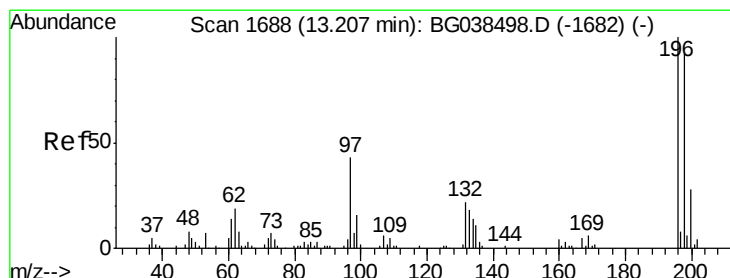
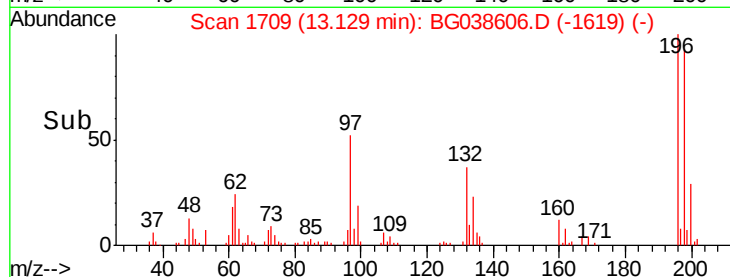
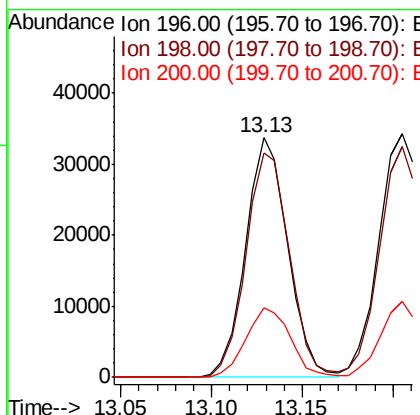
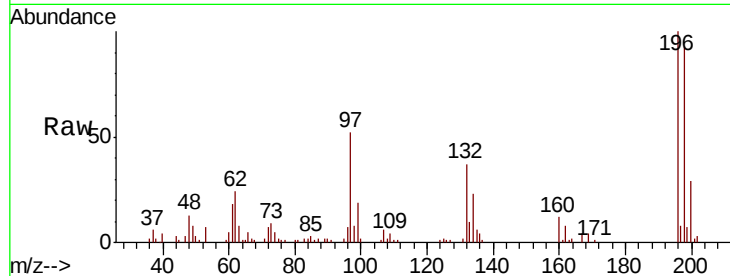




#43
 2,4,6-Trichlorophenol
 Concen: 41.517 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

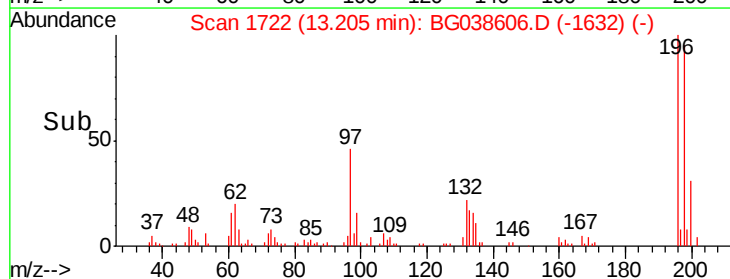
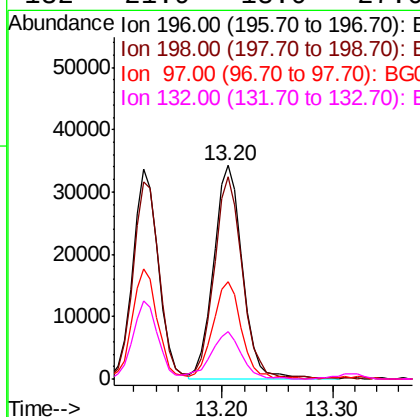
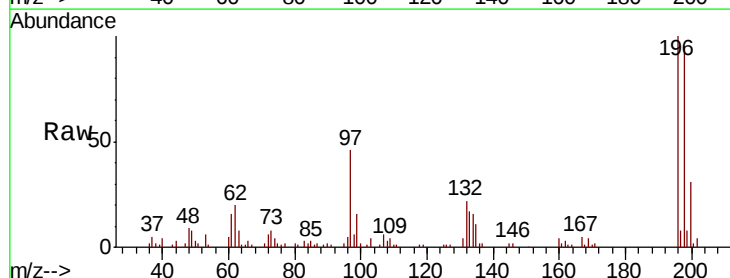
Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

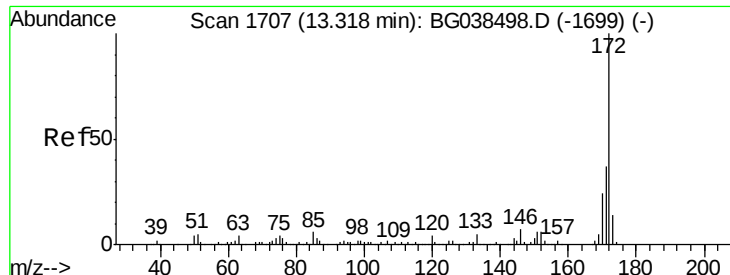
Tgt Ion:196 Resp: 54575
 Ion Ratio Lower Upper
 196 100
 198 93.5 75.0 112.4
 200 29.2 22.4 33.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.598 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:196 Resp: 62070
 Ion Ratio Lower Upper
 196 100
 198 94.6 74.0 111.0
 97 45.7 35.1 52.7
 132 21.9 18.0 27.0

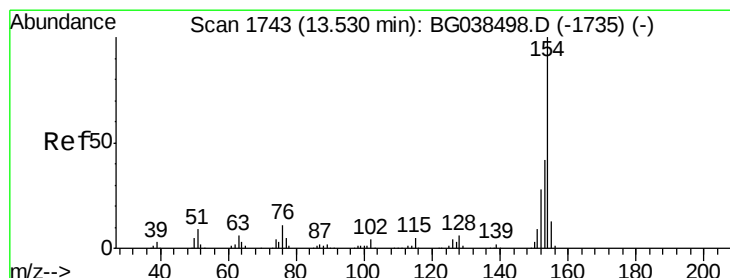
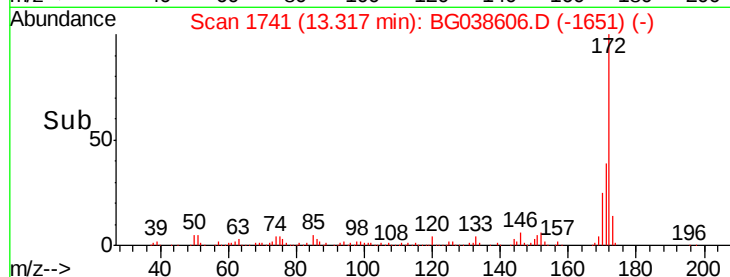
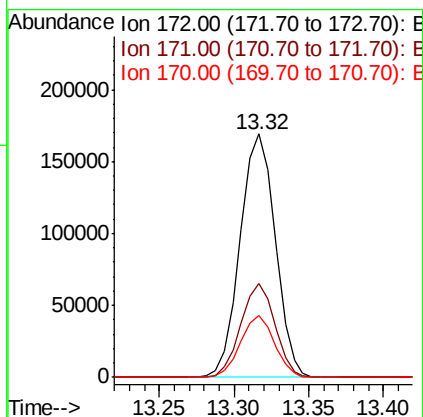
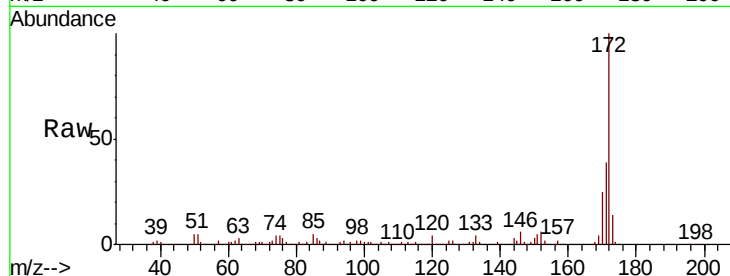




#45
 2-Fluorobiphenyl
 Concen: 66.269 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

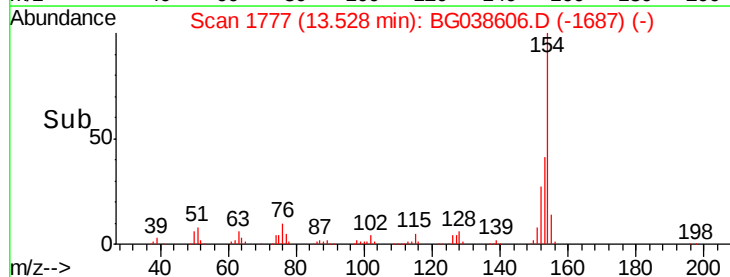
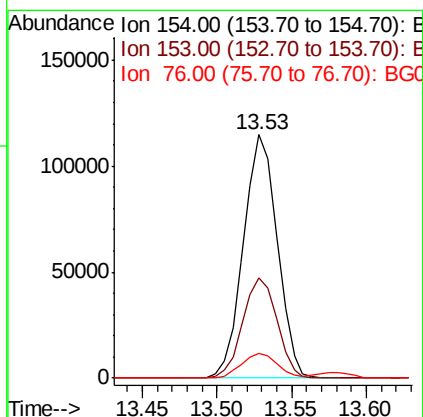
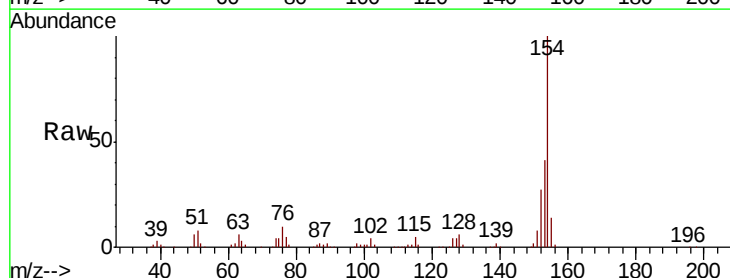
Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

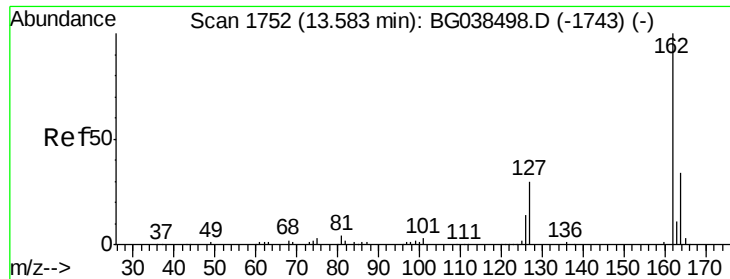
Tgt Ion:172 Resp: 276284
 Ion Ratio Lower Upper
 172 100
 171 38.6 29.8 44.6
 170 25.4 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 37.507 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:154 Resp: 179837
 Ion Ratio Lower Upper
 154 100
 153 41.4 22.1 62.1
 76 10.4 0.0 31.2

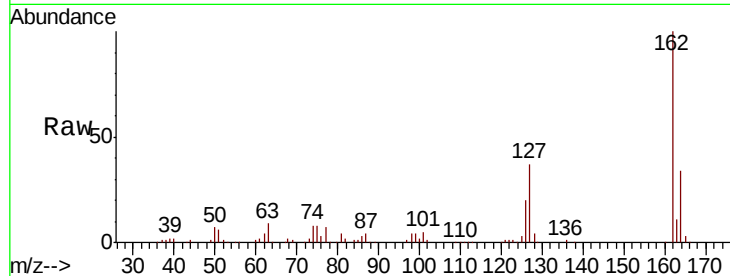




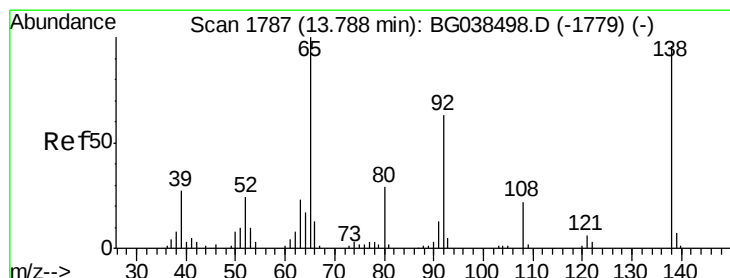
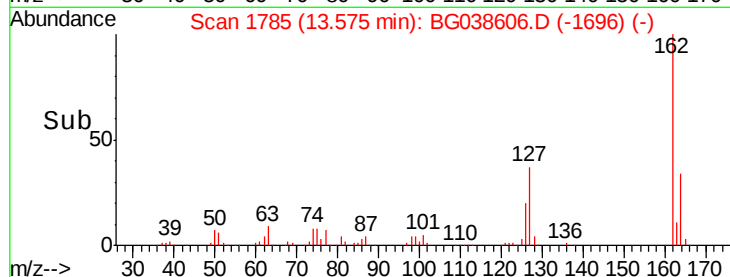
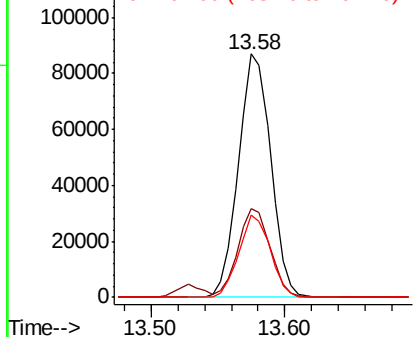
#47
 2-Chloronaphthalene
 Concen: 39.298 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion: 162 Resp: 145548
 Ion Ratio Lower Upper
 162 100
 127 36.6 27.8 41.8
 164 33.7 26.9 40.3

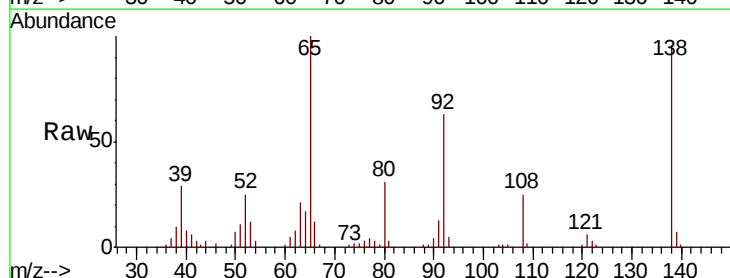


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

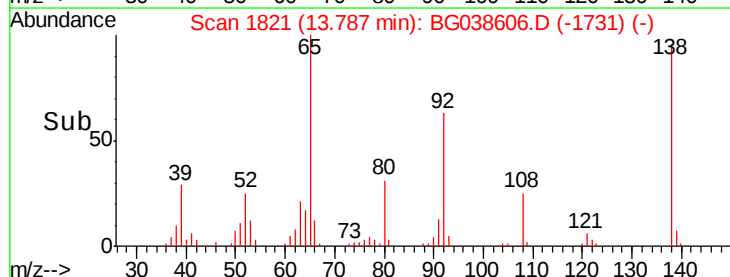
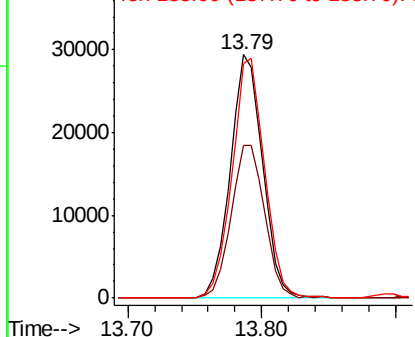


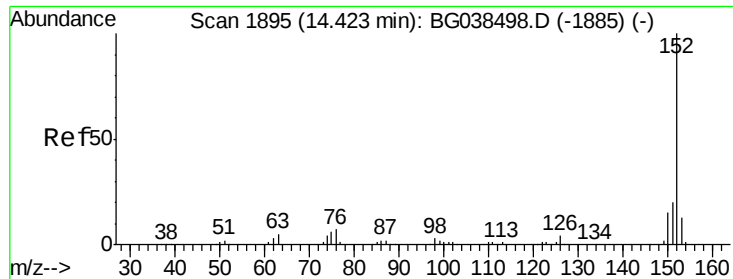
#48
 2-Nitroaniline
 Concen: 42.009 ng
 RT: 13.79 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion: 65 Resp: 49558
 Ion Ratio Lower Upper
 65 100
 92 62.7 50.0 75.0
 138 96.4 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: 42.706 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

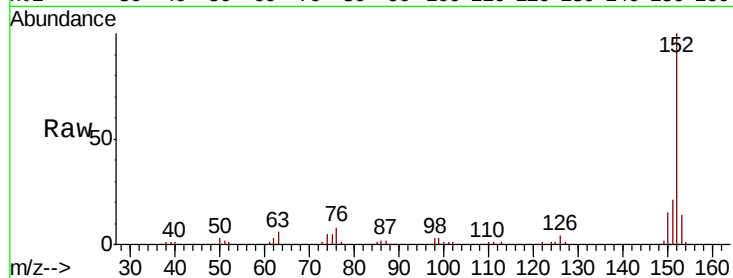
Tgt Ion:152 Resp: 236453

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

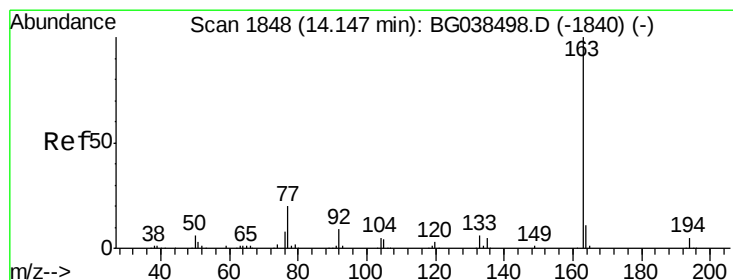
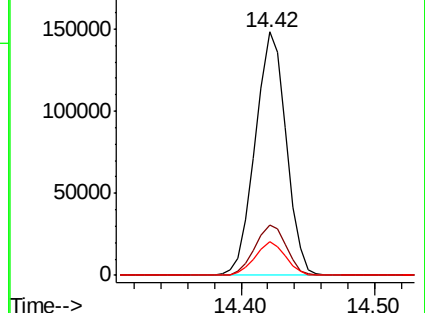
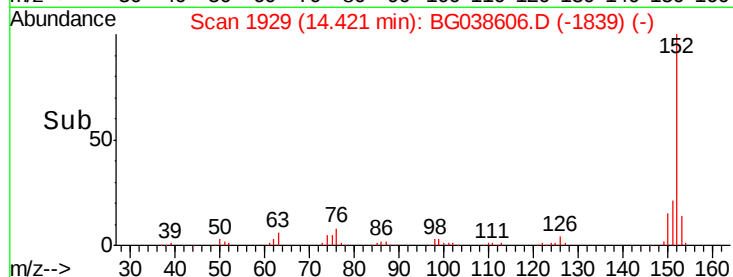
153 13.8 10.4 15.6



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: 41.689 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

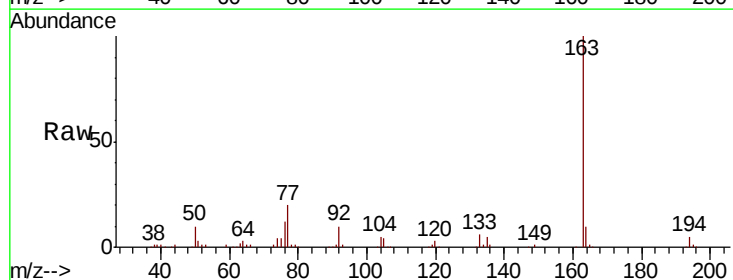
Tgt Ion:163 Resp: 194715

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

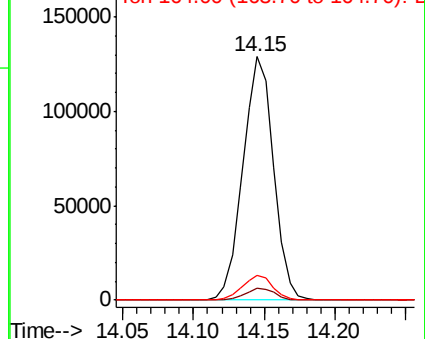
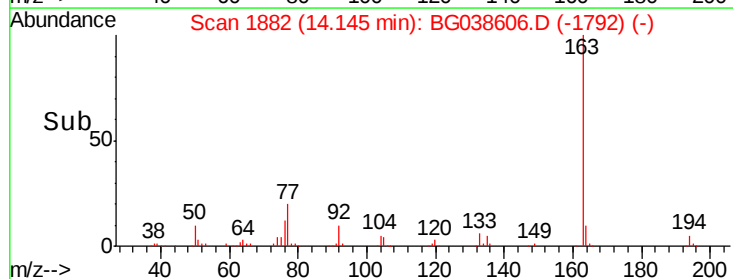
164 10.2 8.6 12.8

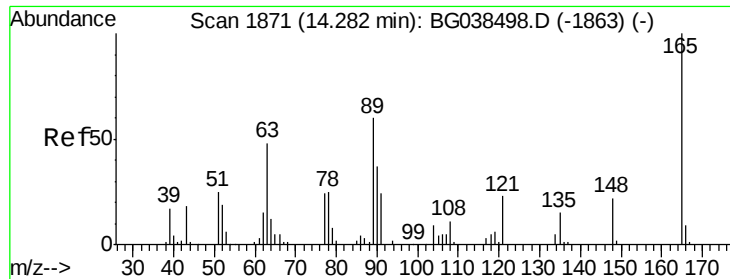


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

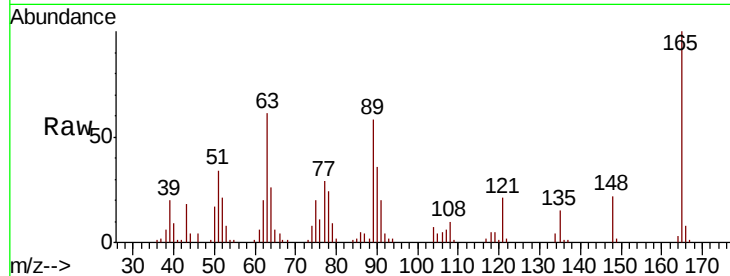




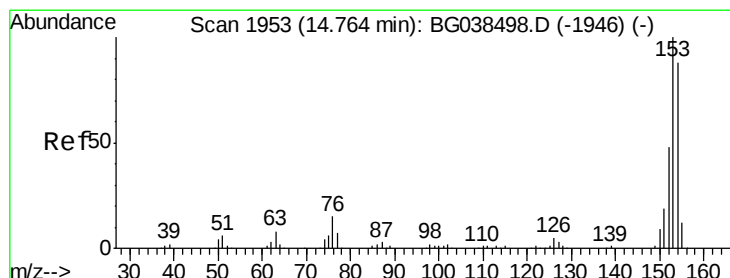
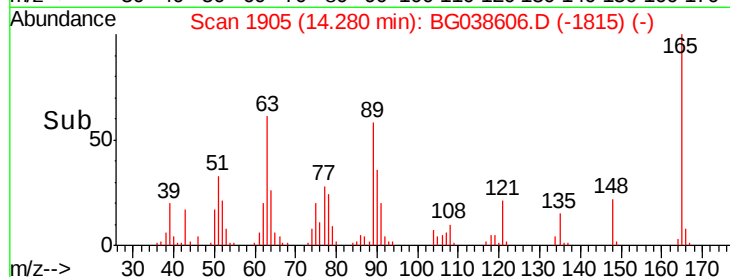
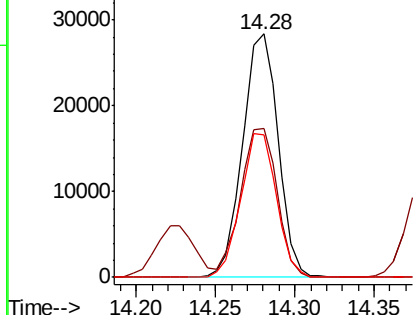
#51
 2,6-Dinitrotoluene
 Concen: 41.805 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	61.2	51.8	77.6
89	58.4	47.9	71.9

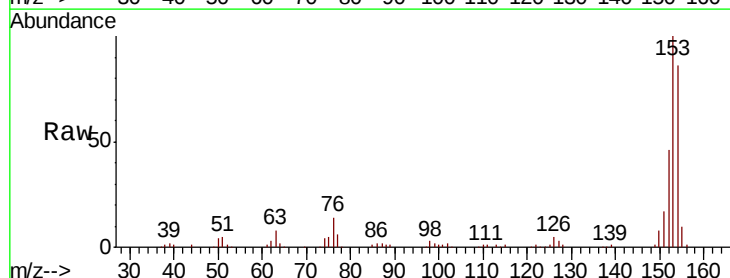


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

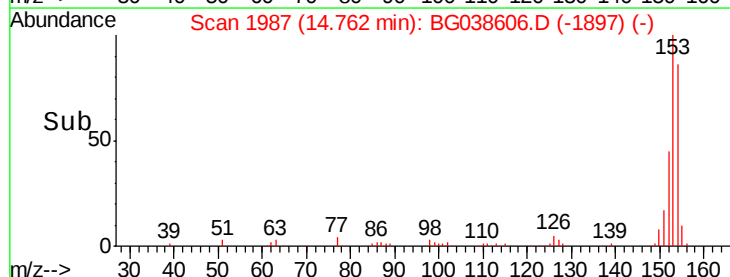
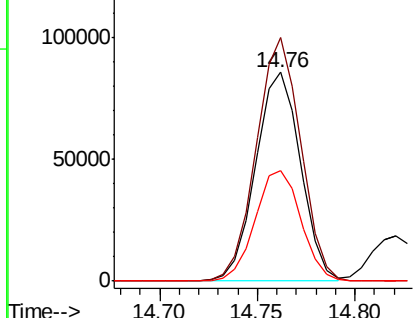


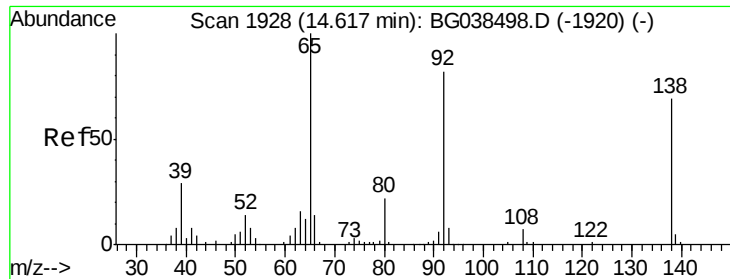
#52
 Acenaphthene
 Concen: 41.190 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.7	90.6	136.0
152	53.3	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

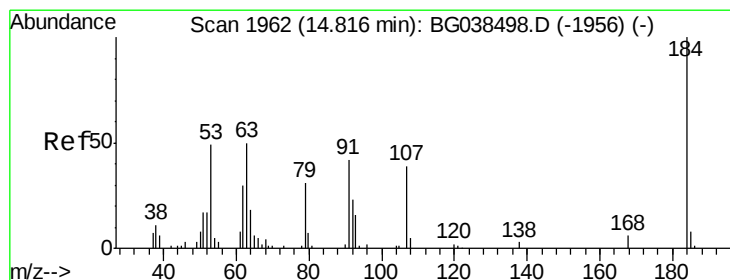
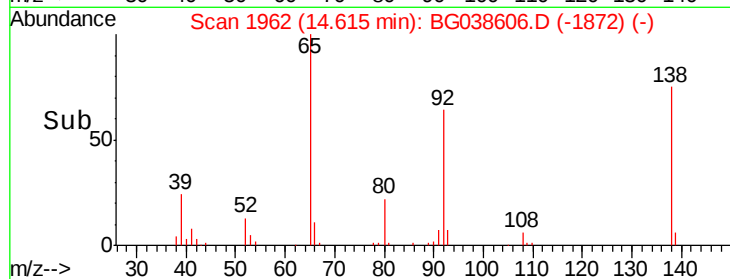
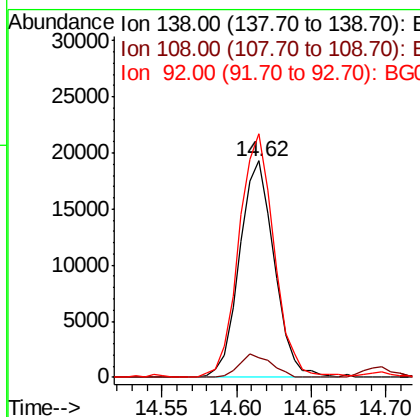
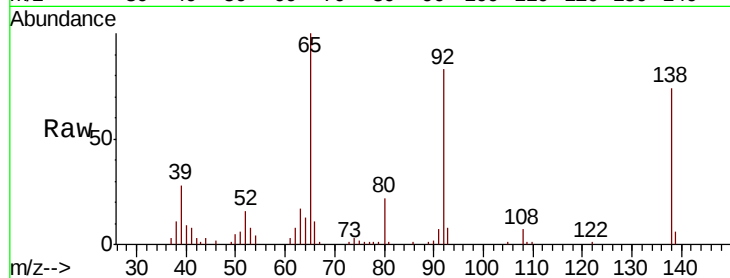




#53
3-Nitroaniline
Concen: 28.893 ng
RT: 14.62 min Scan# 1962
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

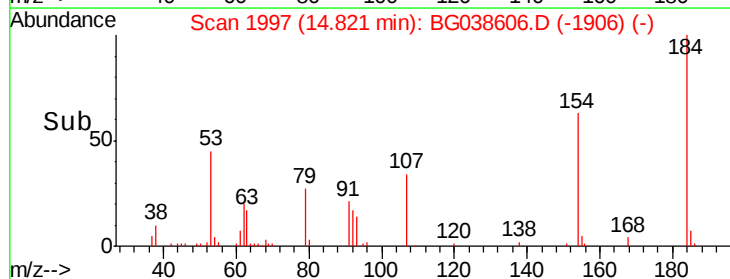
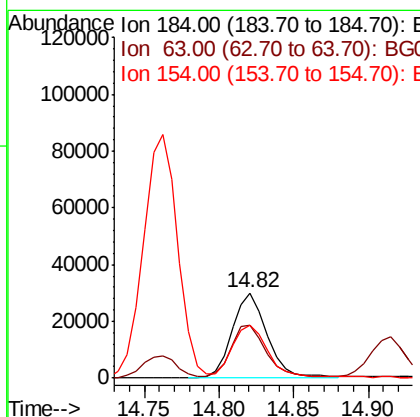
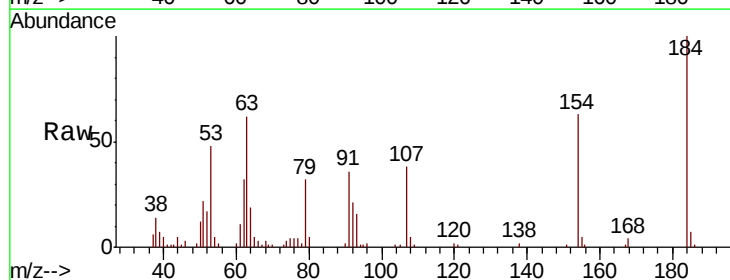
Instrument :
BNA_G
ClientSampleId :
PB115670BS

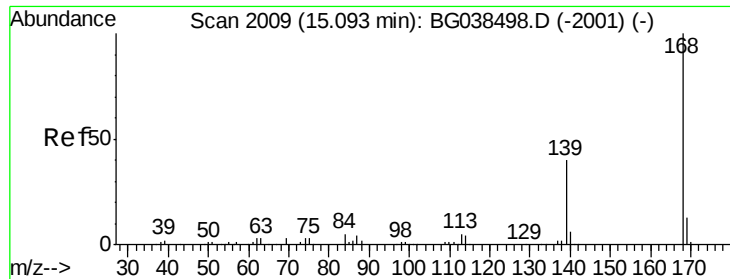
Tgt Ion:138 Resp: 31175
Ion Ratio Lower Upper
138 100
108 9.3 7.9 11.9
92 112.6 95.3 142.9



#54
2,4-Dinitrophenol
Concen: 78.502 ng
RT: 14.82 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:184 Resp: 49374
Ion Ratio Lower Upper
184 100
63 61.6 47.0 70.6
154 62.5 50.3 75.5

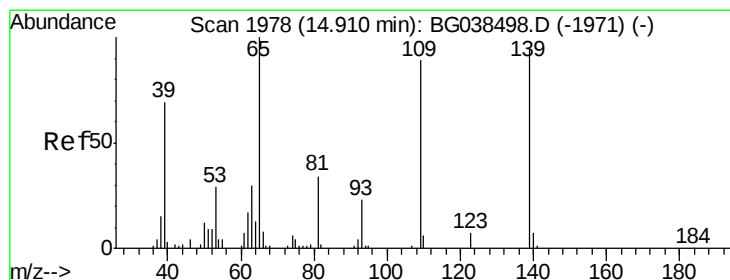
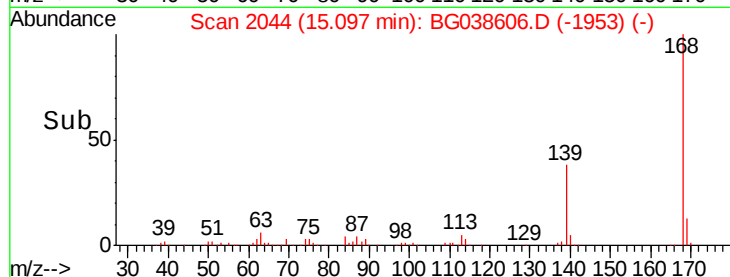
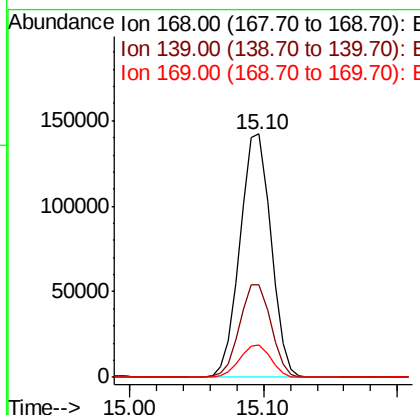
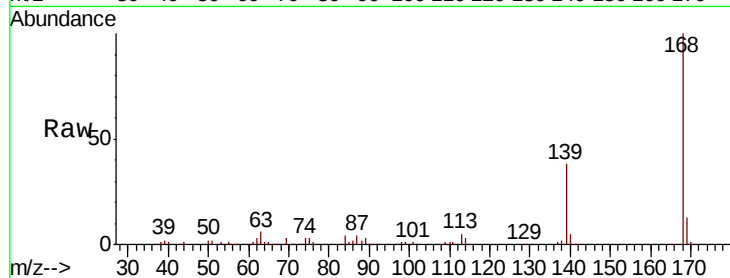




#55
Dibenzenofuran
Concen: 40.345 ng
RT: 15.10 min Scan# 2044
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

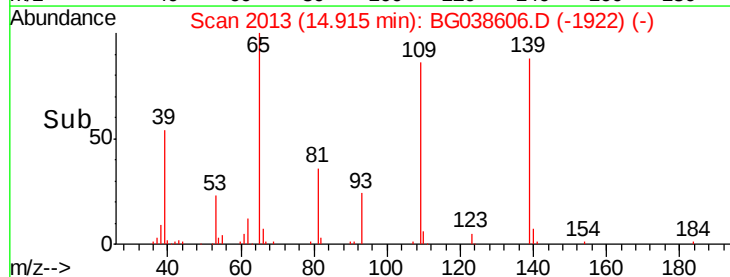
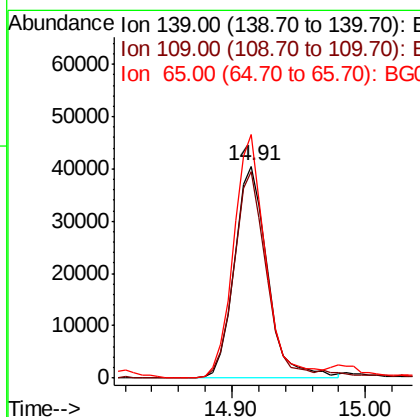
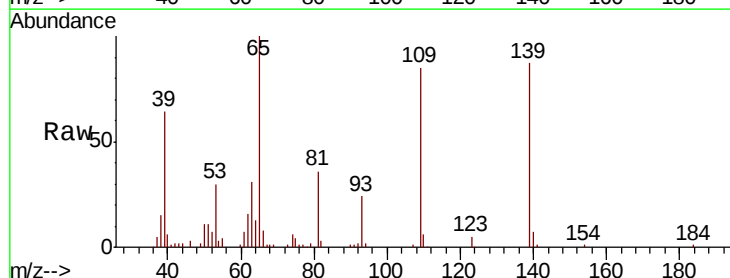
Instrument :
BNA_G
ClientSampleId :
PB115670BS

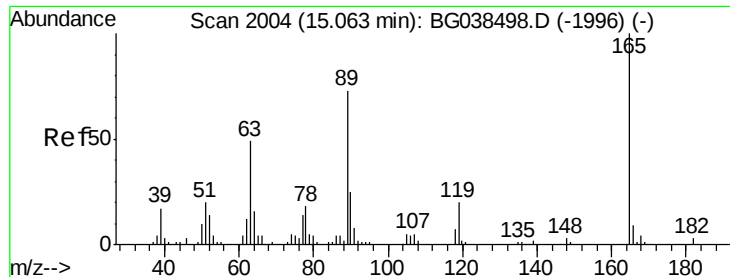
Tgt Ion:168 Resp: 228970
Ion Ratio Lower Upper
168 100
139 38.0 32.2 48.2
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 85.171 ng
RT: 14.91 min Scan# 2013
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:139 Resp: 69715
Ion Ratio Lower Upper
139 100
109 97.1 73.6 113.6
65 114.8 84.8 124.8

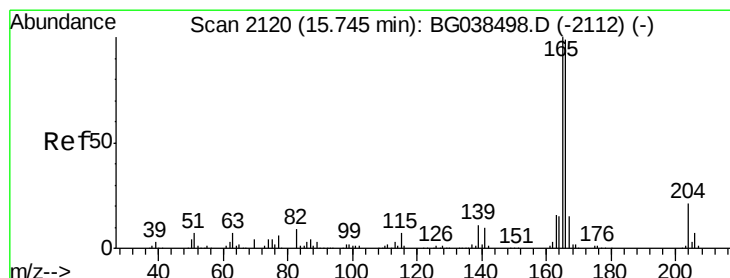
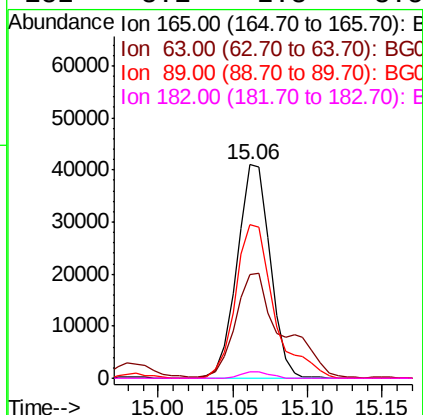
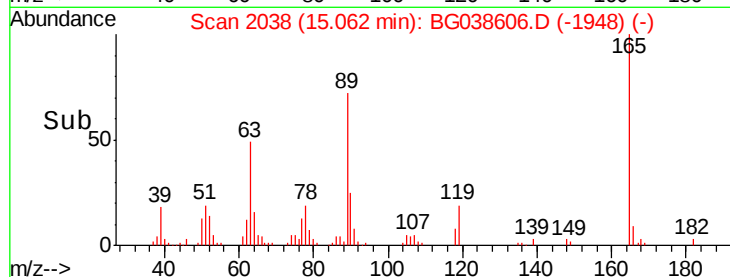
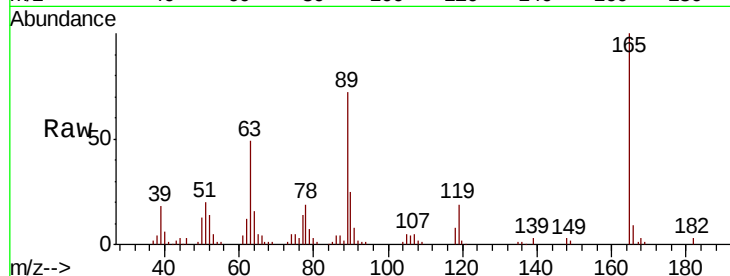




#57
2,4-Dinitrotoluene
Concen: 42.371 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

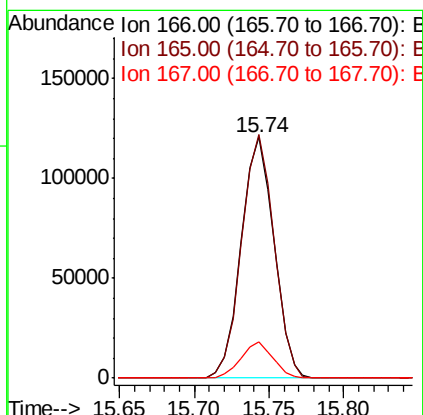
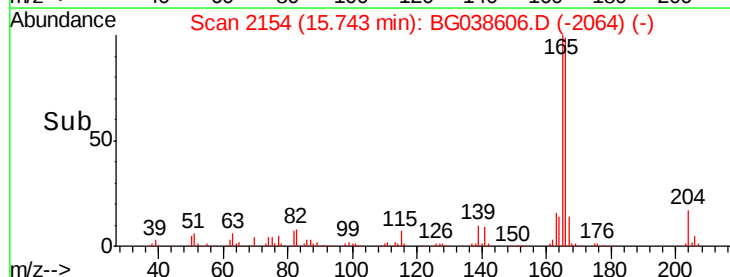
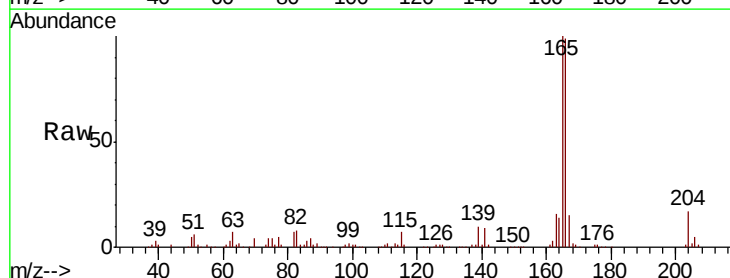
Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion:165 Resp: 63166
Ion Ratio Lower Upper
165 100
63 48.7 39.0 58.4
89 72.2 58.0 87.0
182 3.1 2.3 3.5



#58
Fluorene
Concen: 43.742 ng
RT: 15.74 min Scan# 2154
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:166 Resp: 183922
Ion Ratio Lower Upper
166 100
165 101.1 80.6 120.8
167 14.8 12.0 18.0

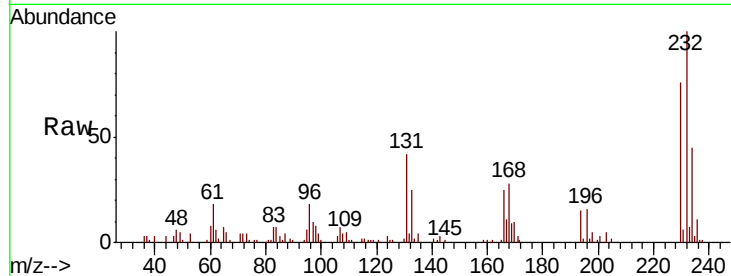




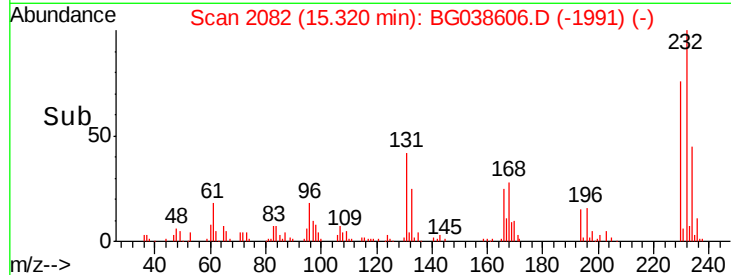
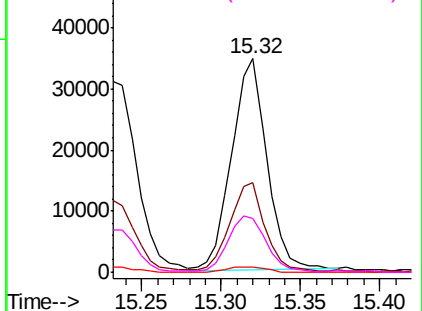
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.608 ng
RT: 15.32 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion: 232 Resp: 53352
Ion Ratio Lower Upper
232 100
131 43.9 33.0 49.4
130 2.6 2.0 3.0
166 29.0 23.1 34.7

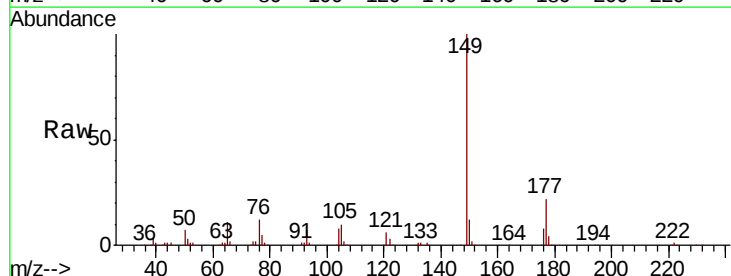


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

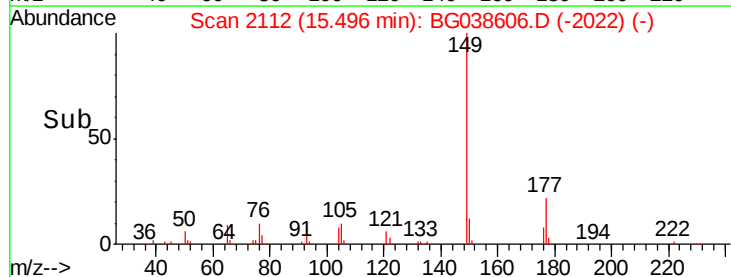
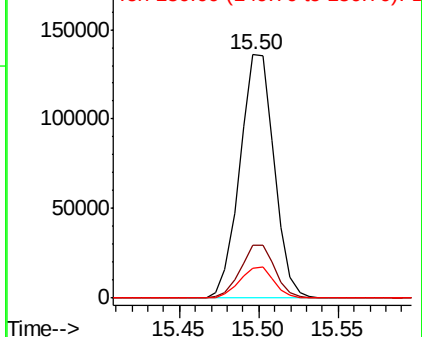


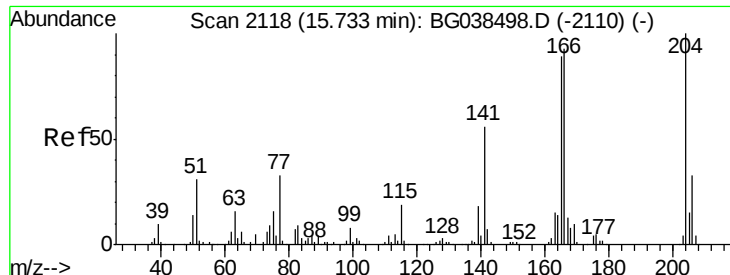
#60
Diethylphthalate
Concen: 39.792 ng
RT: 15.50 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion: 149 Resp: 204028
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.1 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

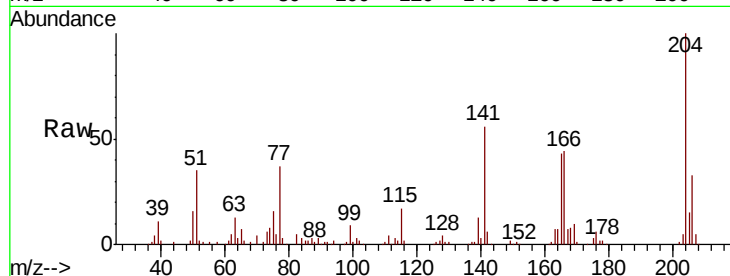




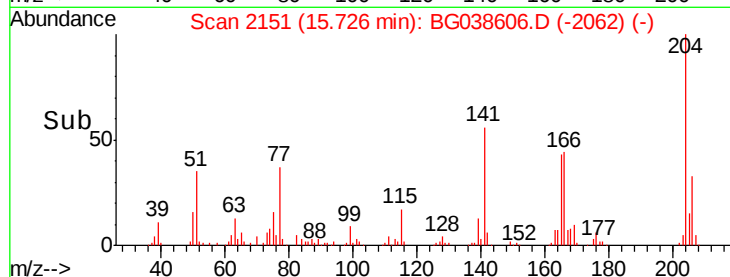
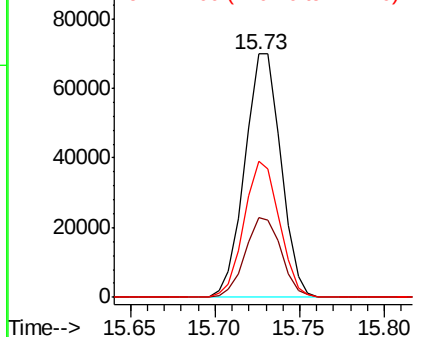
#61
4-Chlorophenyl-phenylether
Concen: 39.788 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion: 204 Resp: 104381
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 56.1 44.4 66.6

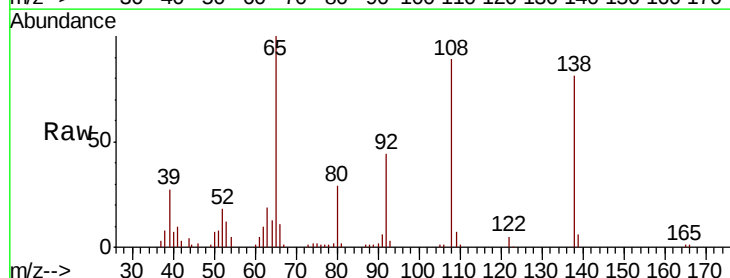


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

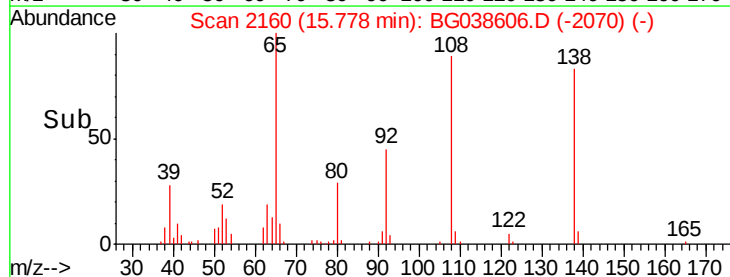
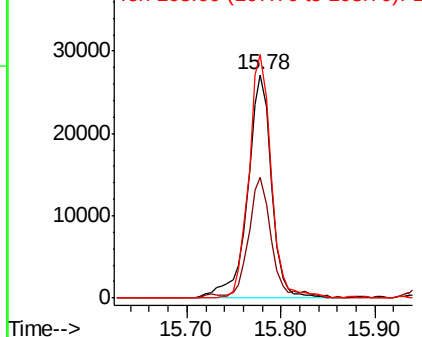


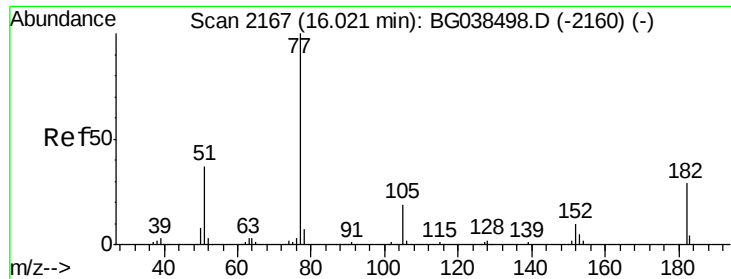
#62
4-Nitroaniline
Concen: 42.845 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion: 138 Resp: 47593
Ion Ratio Lower Upper
138 100
92 54.0 33.3 73.3
108 109.0 81.4 121.4



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





#63

Azobenzene

Concen: 40.788 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

Tgt Ion: 77 Resp: 174707

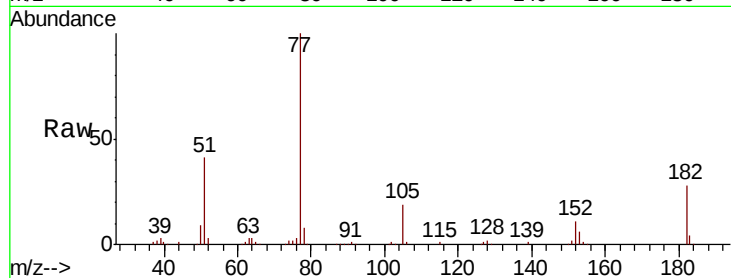
Ion Ratio Lower Upper

77 100

182 28.3 8.7 48.7

105 18.9 0.0 38.7

51 40.5 16.6 56.6

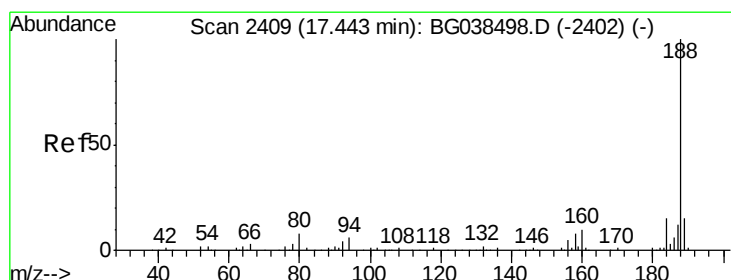
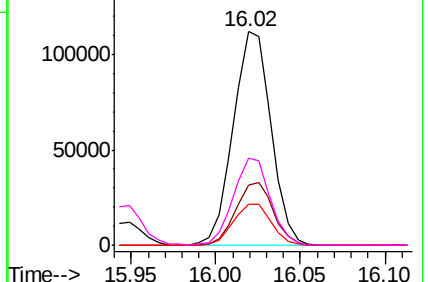
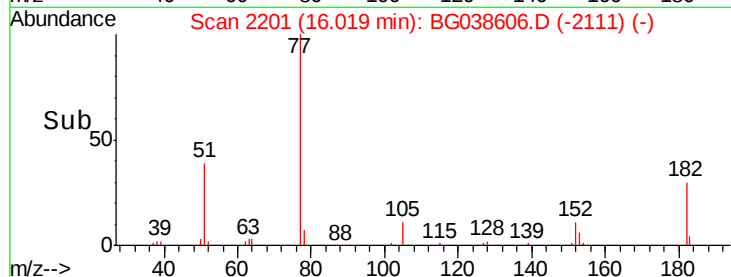


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2443

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

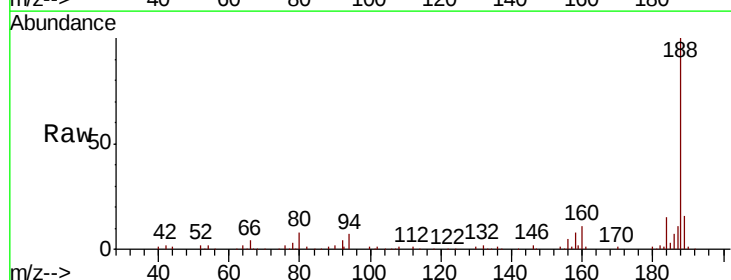
Tgt Ion: 188 Resp: 145395

Ion Ratio Lower Upper

188 100

94 6.9 5.1 7.7

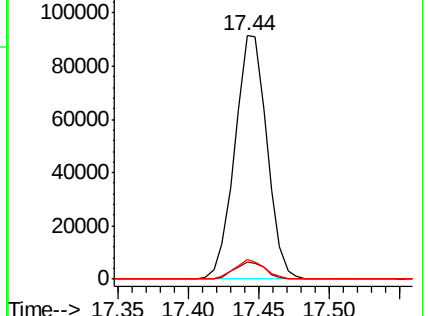
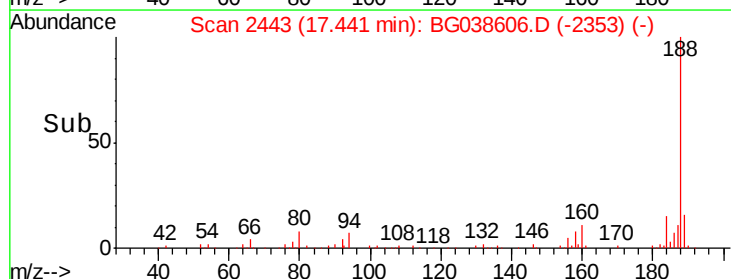
80 8.0 6.1 9.1



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

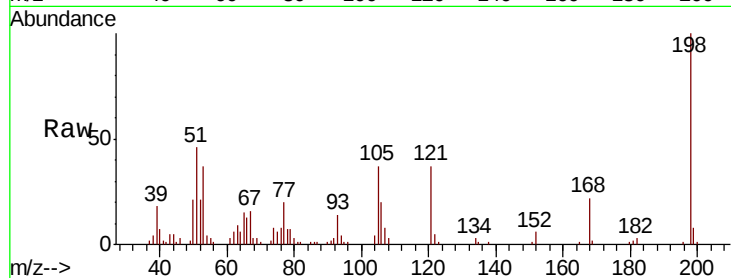




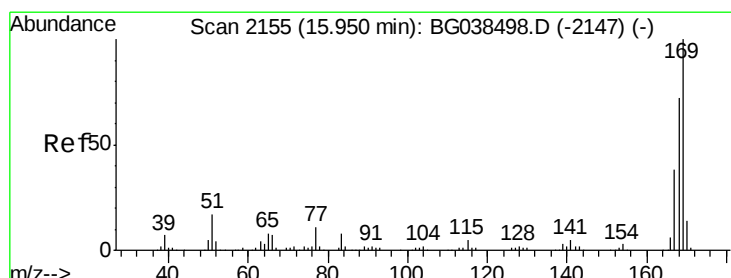
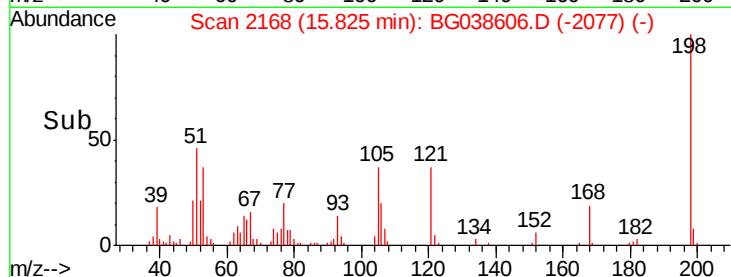
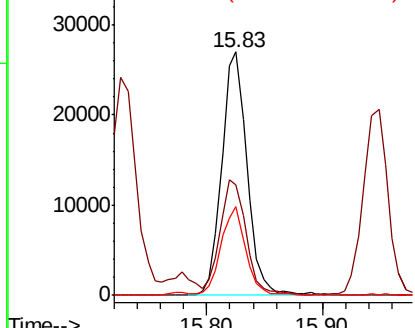
#65
 4,6-Dinitro-2-methylphenol
 Concen: 39.573 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. 0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion:198 Resp: 41044
 Ion Ratio Lower Upper
 198 100
 51 45.5 28.6 68.6
 105 36.6 20.4 60.4

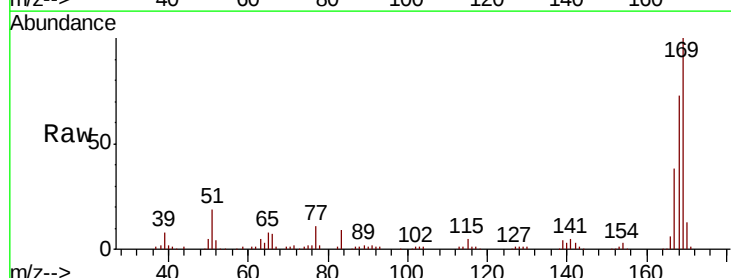


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

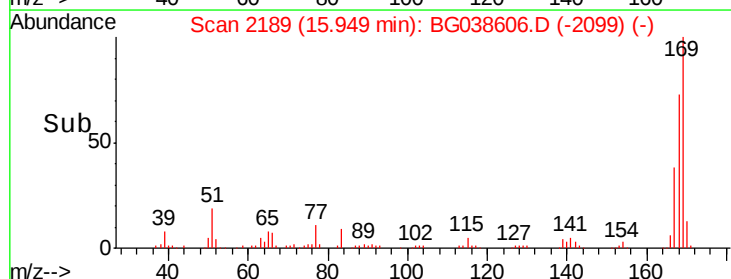
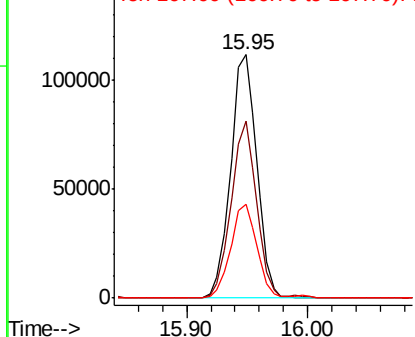


#66
 n-Nitrosodiphenylamine
 Concen: 39.366 ng
 RT: 15.95 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:169 Resp: 168172
 Ion Ratio Lower Upper
 169 100
 168 73.0 57.5 86.3
 167 38.3 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

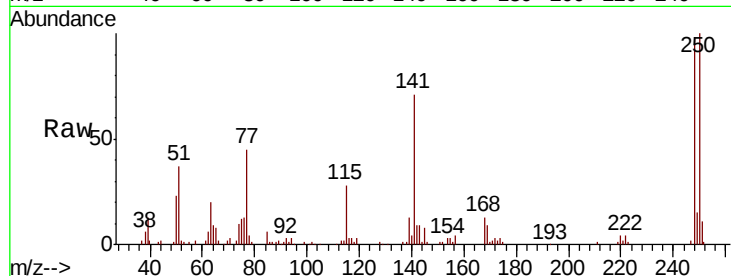




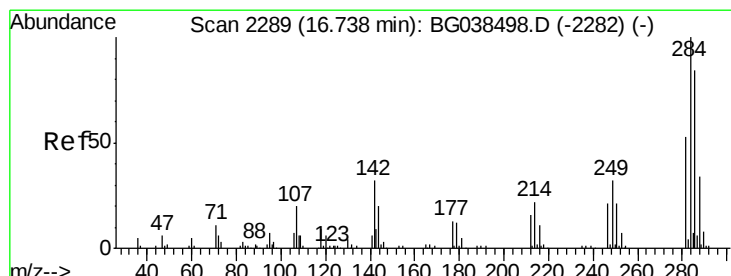
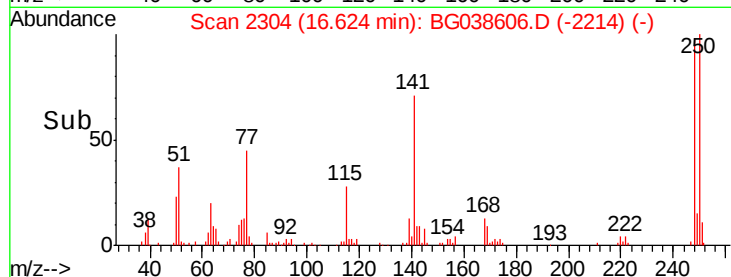
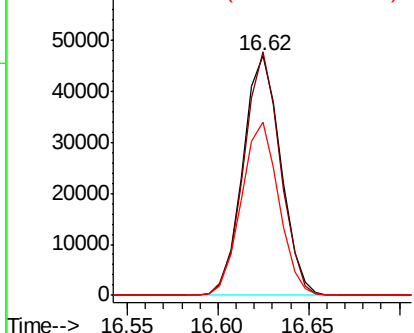
#67
 4-Bromophenyl-phenylether
 Concen: 38.448 ng
 RT: 16.62 min Scan# 2304
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion:248 Resp: 68271
 Ion Ratio Lower Upper
 248 100
 250 101.6 73.4 110.2
 141 72.4 52.9 79.3

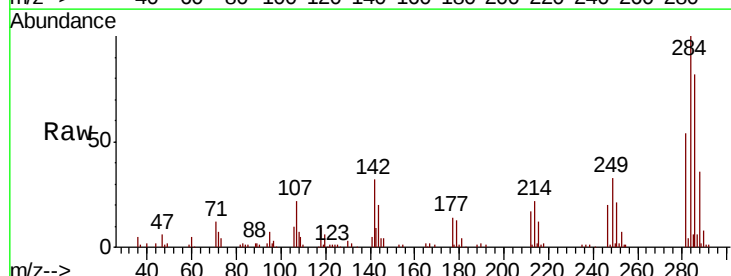


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

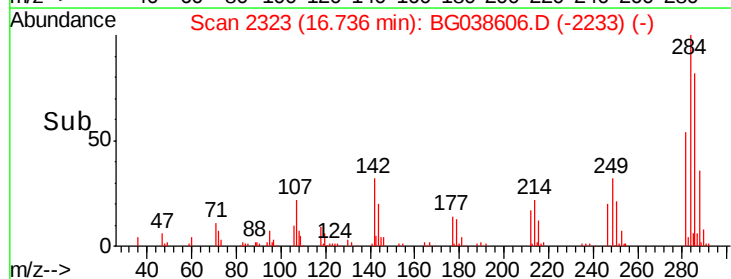
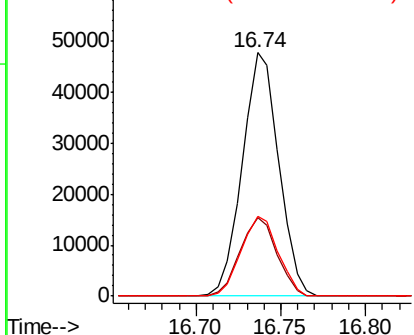


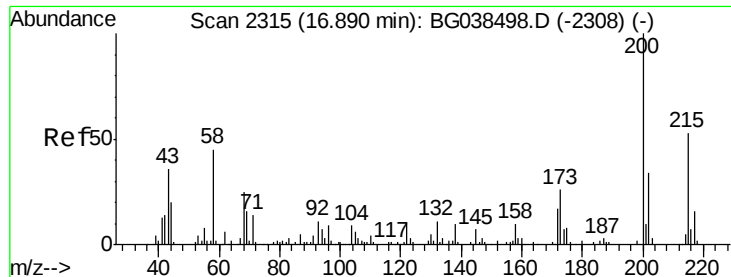
#68
 Hexachlorobenzene
 Concen: 39.107 ng
 RT: 16.74 min Scan# 2323
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:284 Resp: 71985
 Ion Ratio Lower Upper
 284 100
 142 32.4 25.8 38.6
 249 34.8 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: 45.445 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

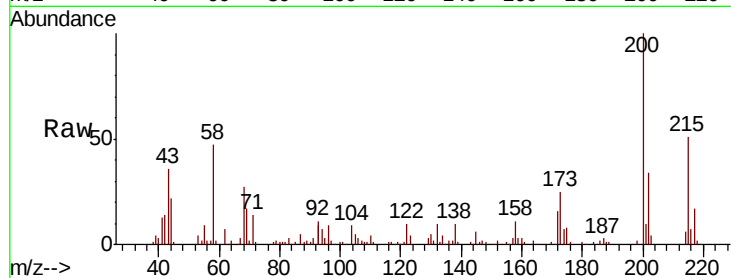
Tgt Ion:200 Resp: 72048

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

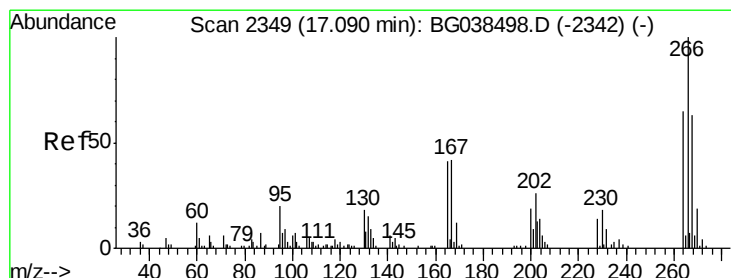
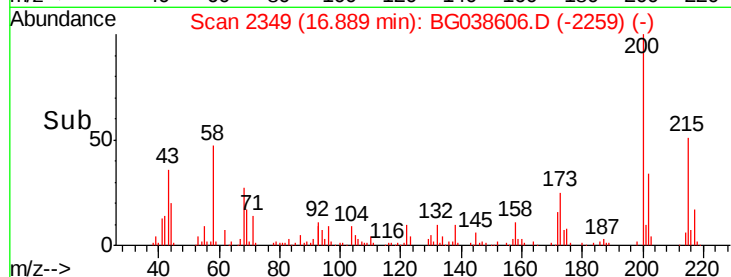
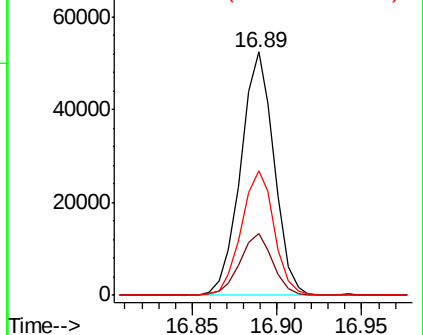
215 50.9 33.1 73.1



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: 74.047 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

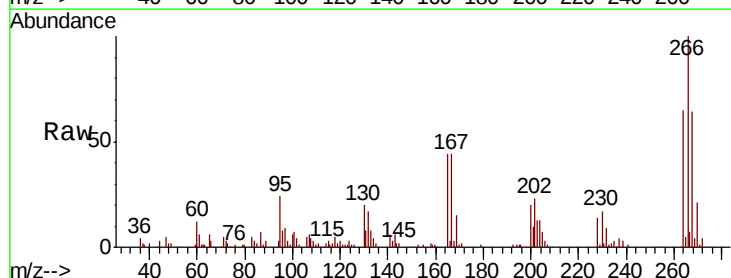
Tgt Ion:266 Resp: 80619

Ion Ratio Lower Upper

266 100

268 68.5 55.0 82.6

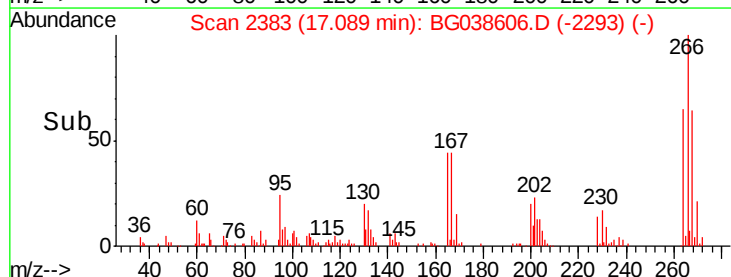
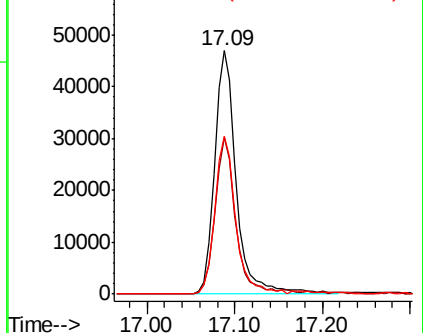
264 70.0 56.7 85.1

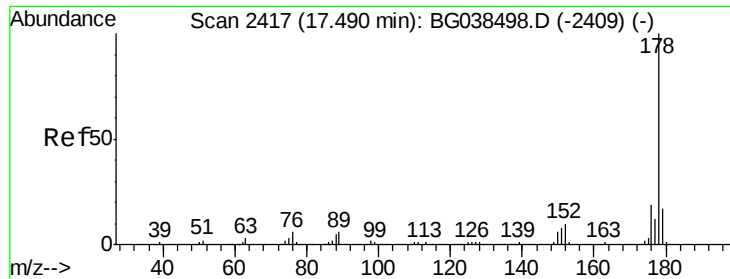


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

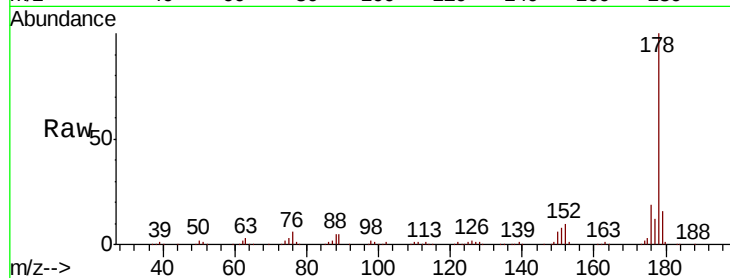




#71
Phenanthrene
Concen: 43.830 ng
RT: 17.49 min Scan# 2451
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	15.9	13.2	19.8

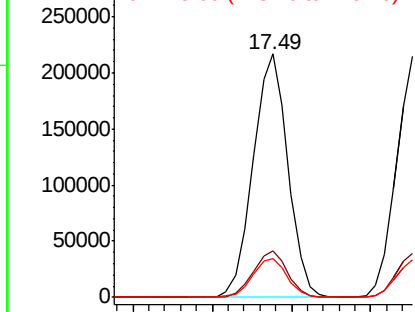


Abundance

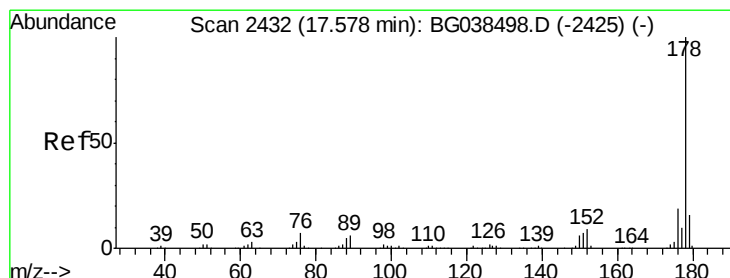
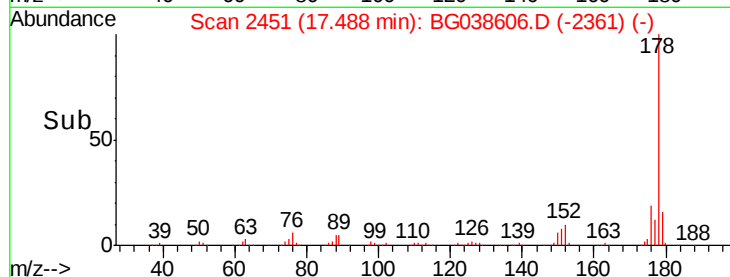
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

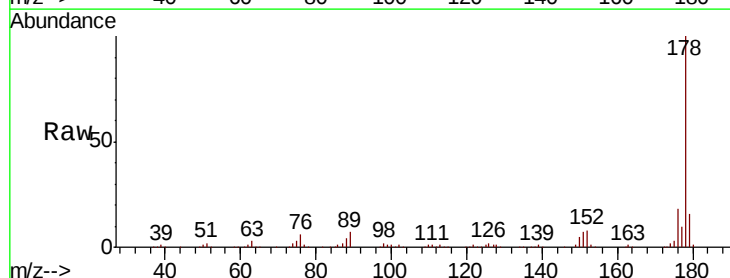


Time--> 17.40 17.45 17.50 17.55



#72
Anthracene
Concen: 45.403 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	15.7	12.9	19.3

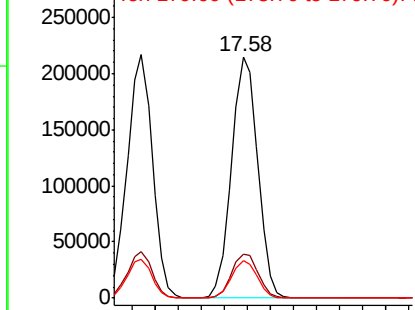


Abundance

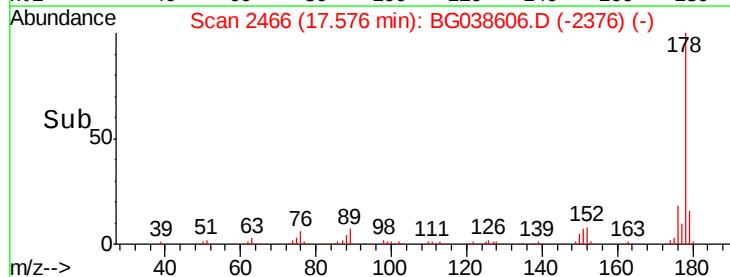
Ion 178.00 (177.70 to 178.70): E

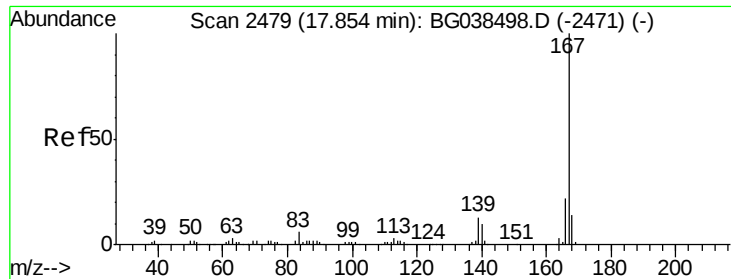
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time--> 17.50 17.55 17.60 17.70

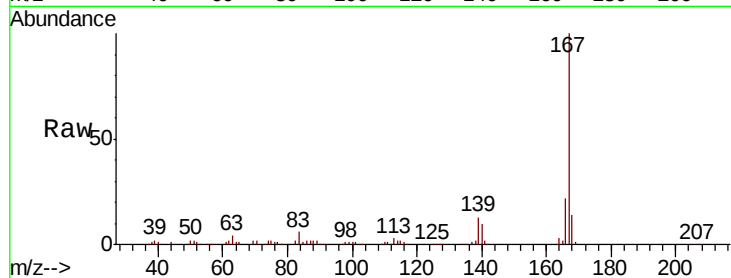




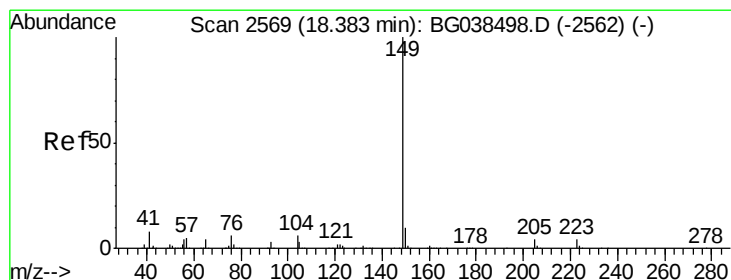
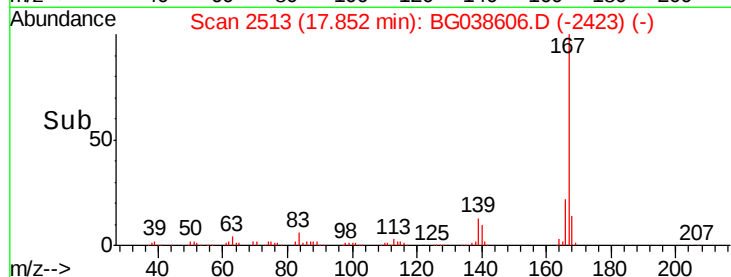
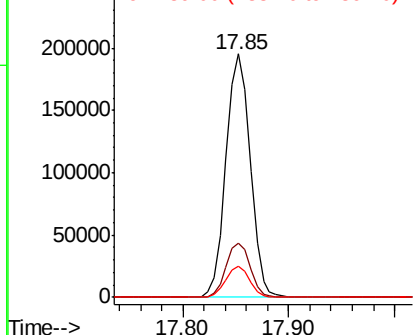
#73
 Carbazole
 Concen: 42.309 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

Tgt Ion:167 Resp: 311449
 Ion Ratio Lower Upper
 167 100
 166 22.2 17.9 26.9
 139 12.7 10.2 15.2

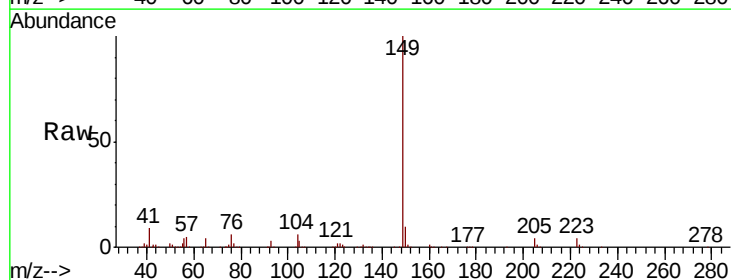


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

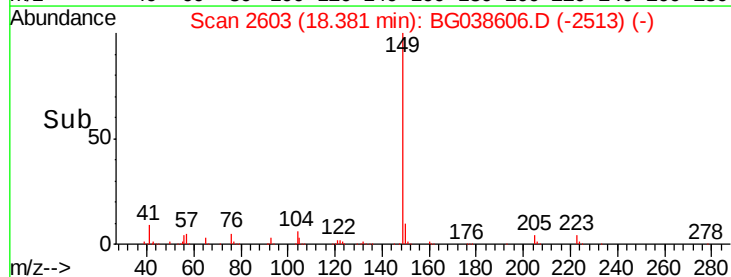
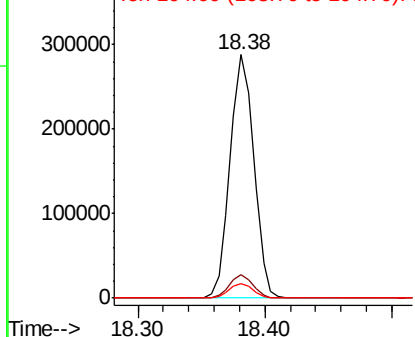


#74
 Di-n-butylphthalate
 Concen: 44.278 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion:149 Resp: 374001
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 6.1 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

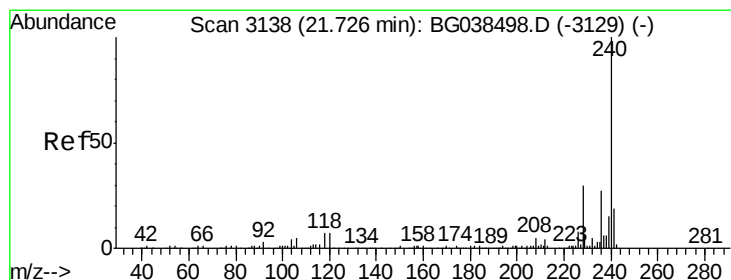
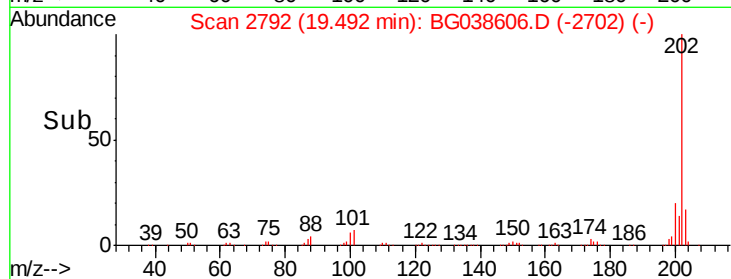
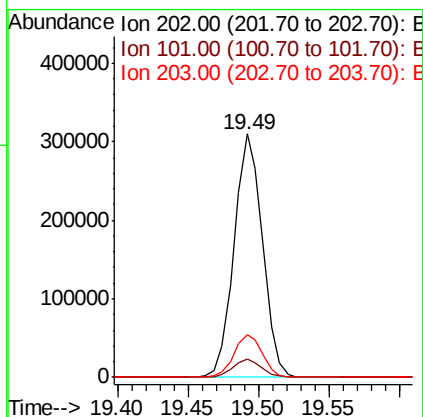
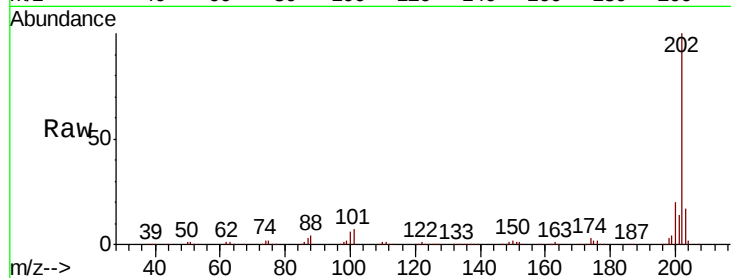




#75
 Fluoranthene
 Concen: 46.472 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

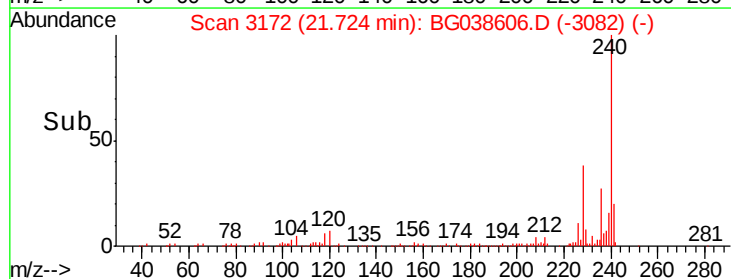
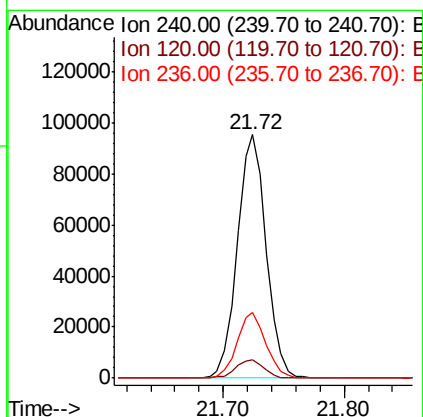
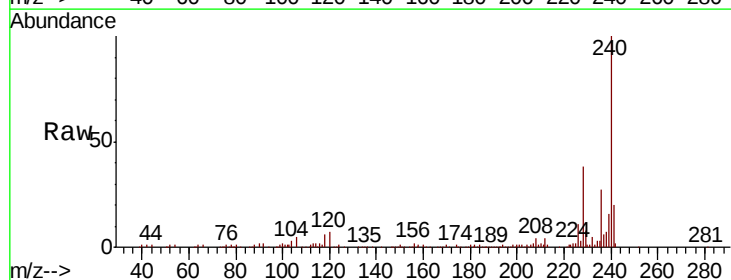
Instrument :
 BNA_G
 ClientSampleId :
 PB115670BS

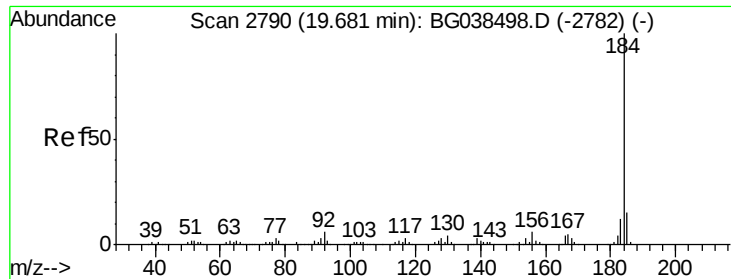
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	433519		
101	7.3		0.0	28.1
203	17.4		0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.00 min
 Lab File: BG038606.D
 Acq: 15 Dec 2018 16:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	157801		
120	7.4		5.3	7.9
236	26.9		21.4	32.2





#77

Benzidine

Concen: 46.144 ng

RT: 19.68 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

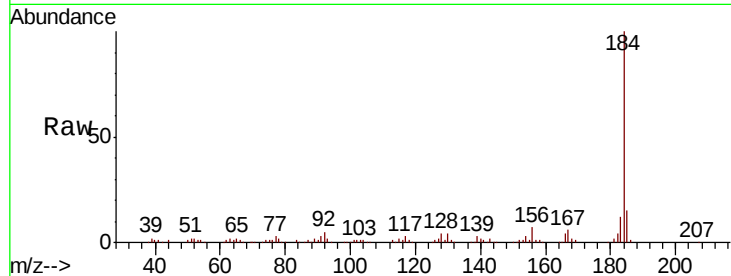
Tgt Ion:184 Resp: 215345

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.2

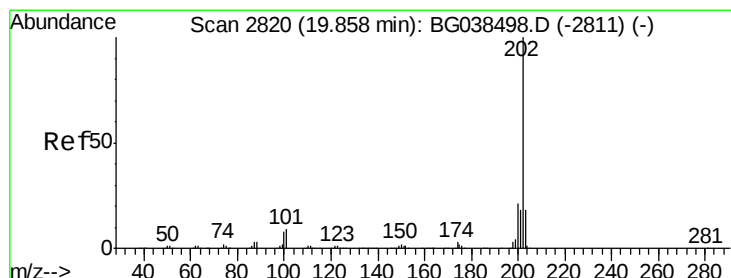
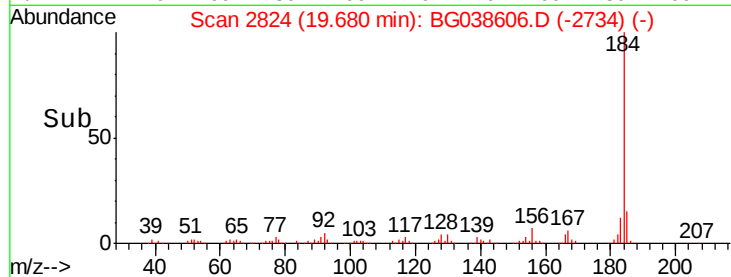
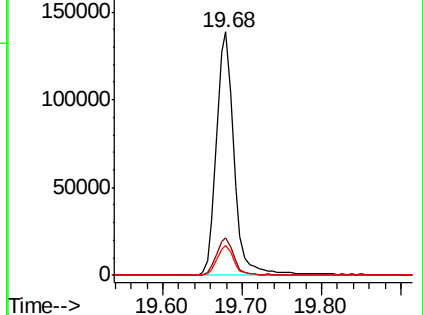
183 12.3 9.6 14.4



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: 41.809 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

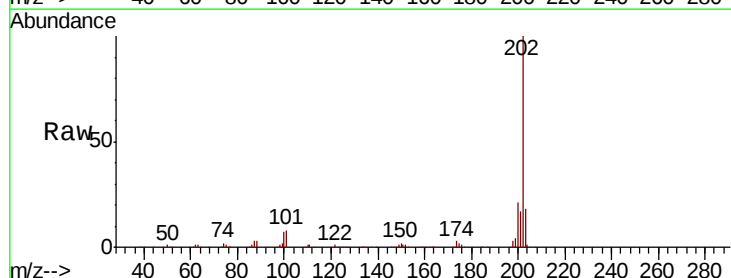
Tgt Ion:202 Resp: 435852

Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

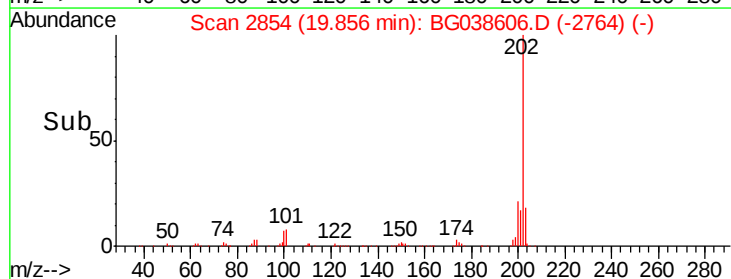
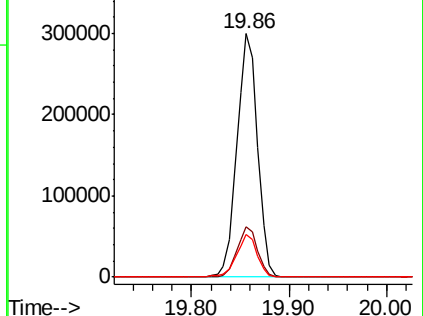
203 17.8 14.6 21.8

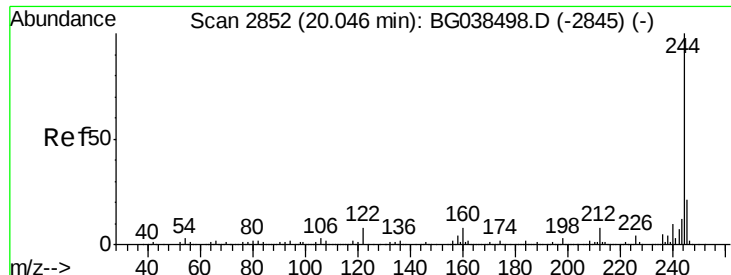


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.341 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

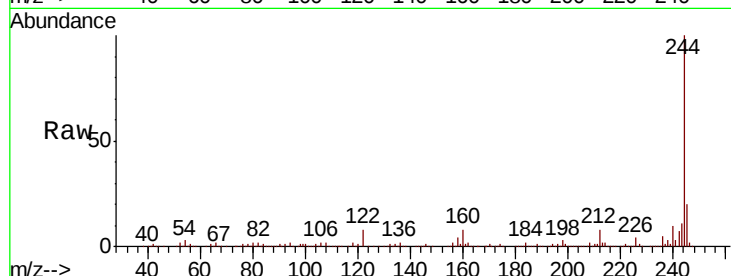
Tgt Ion:244 Resp: 611541

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

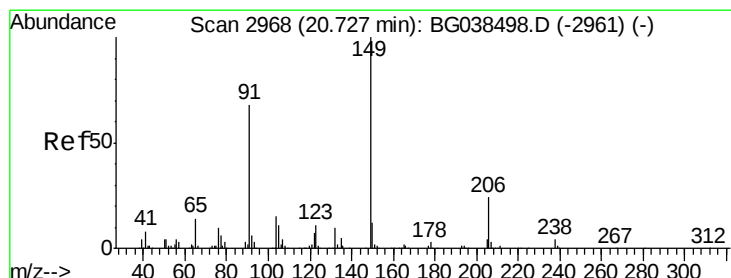
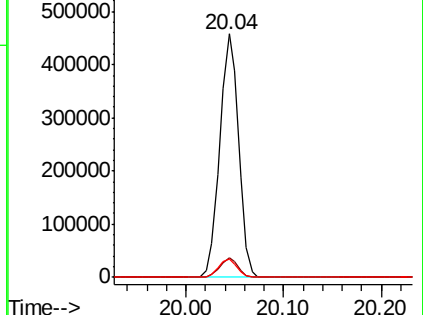
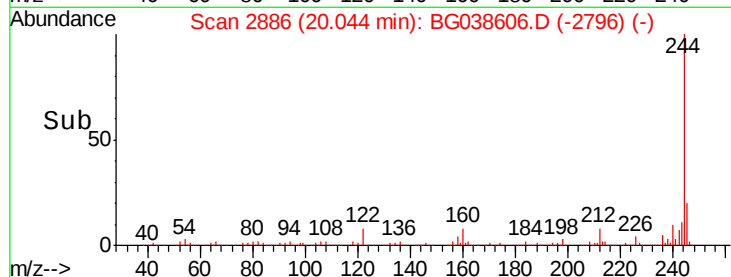
122 7.7 6.3 9.5



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: 42.976 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

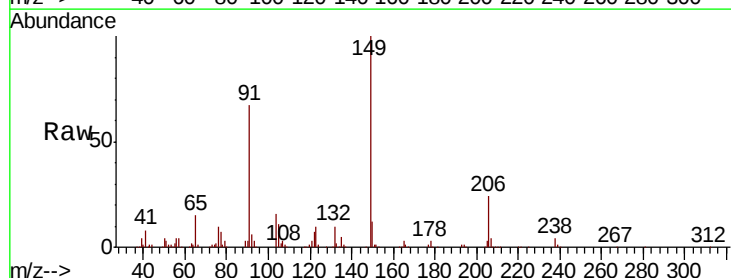
Tgt Ion:149 Resp: 175033

Ion Ratio Lower Upper

149 100

91 66.7 54.5 81.7

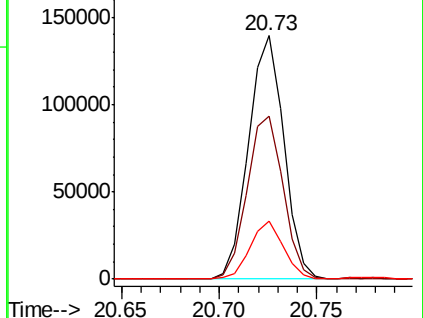
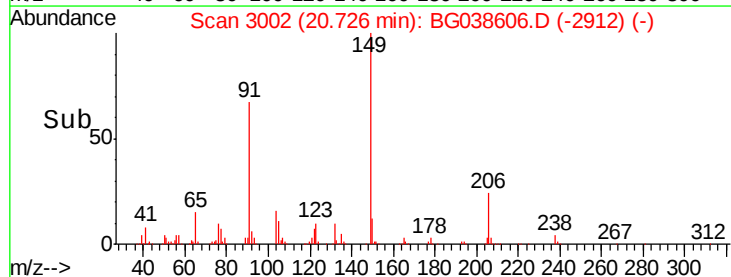
206 23.6 19.0 28.6



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: 44.186 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

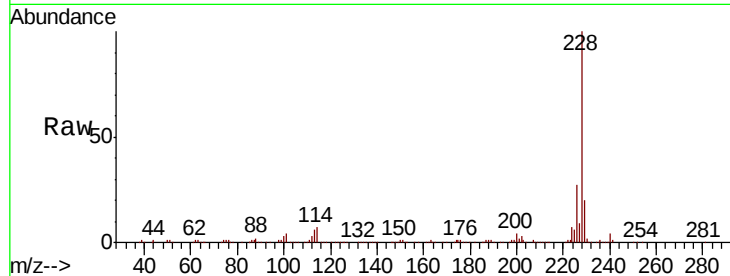
Tgt Ion:228 Resp: 424876

Ion Ratio Lower Upper

228 100

226 27.4 21.8 32.8

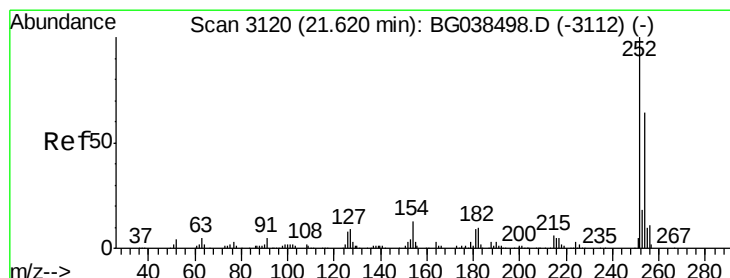
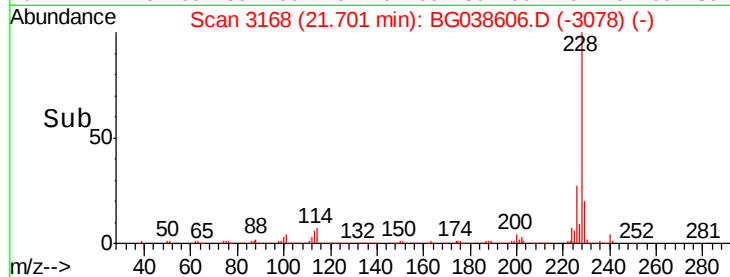
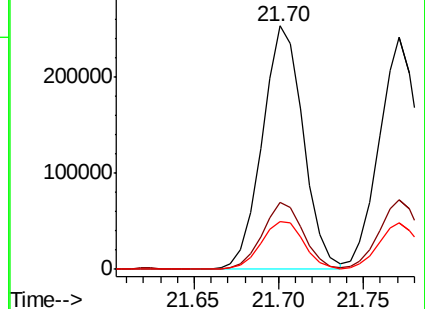
229 19.9 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.732 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

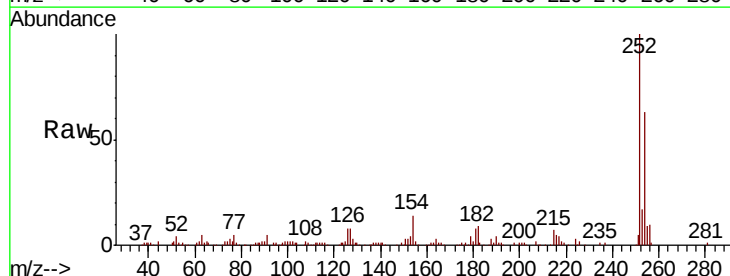
Tgt Ion:252 Resp: 109573

Ion Ratio Lower Upper

252 100

254 63.4 50.9 76.3

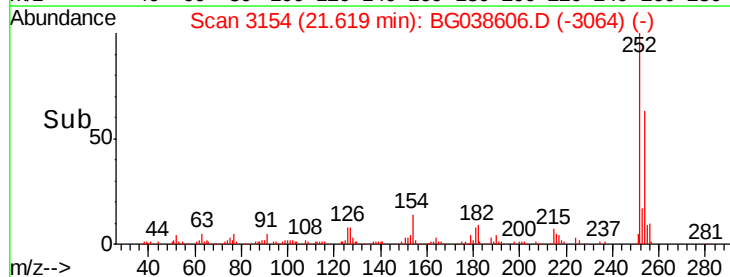
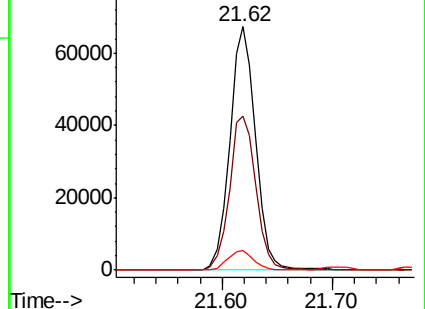
126 8.1 6.3 9.5



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.626 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

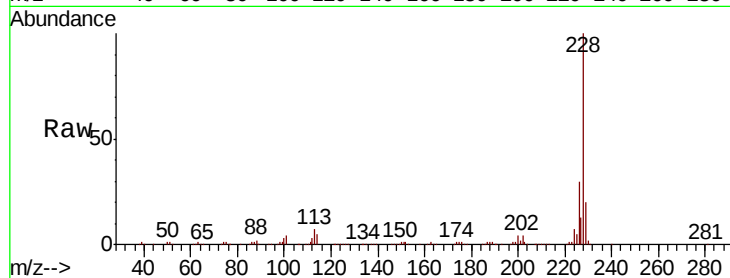
Tgt Ion:228 Resp: 394794

Ion Ratio Lower Upper

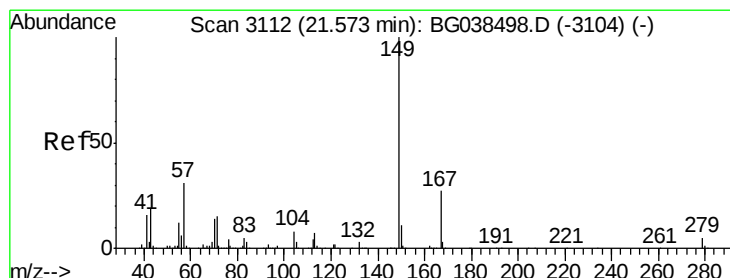
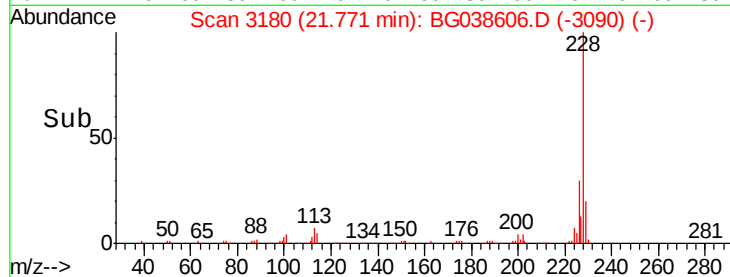
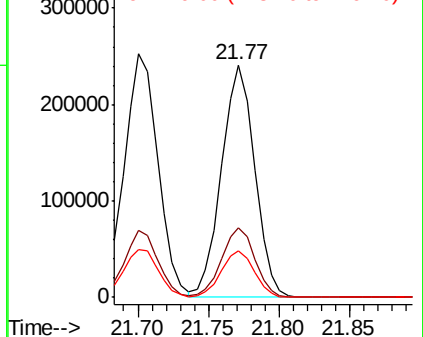
228 100

226 30.0 25.0 37.4

229 20.3 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: 42.160 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

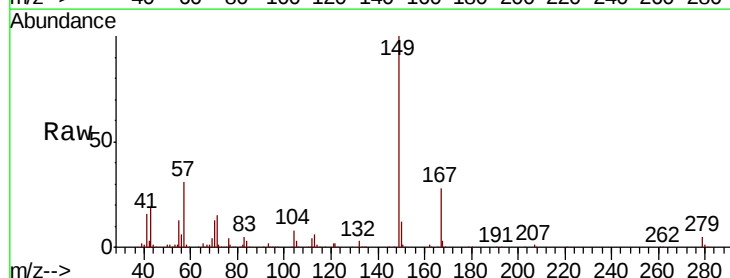
Tgt Ion:149 Resp: 243531

Ion Ratio Lower Upper

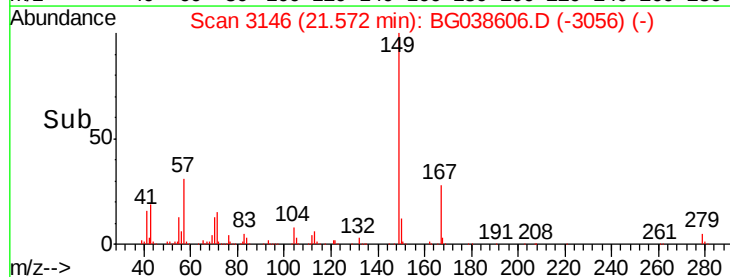
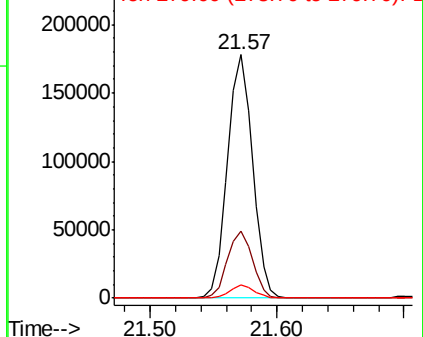
149 100

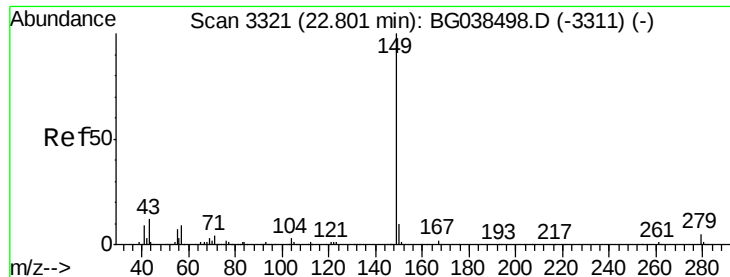
167 27.7 21.9 32.9

279 5.2 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

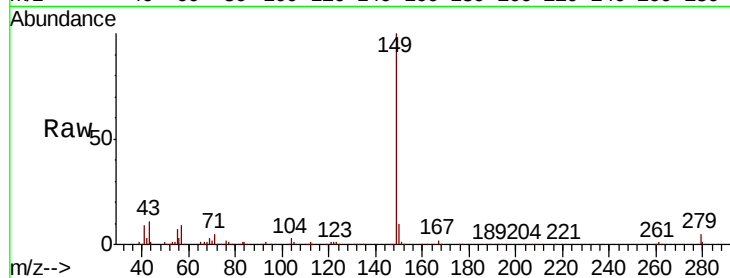




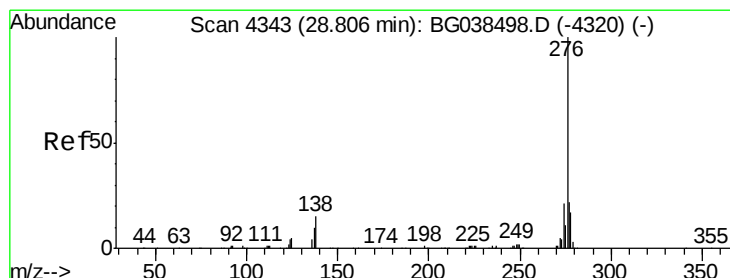
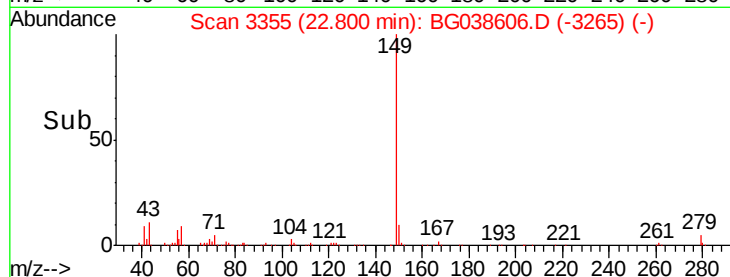
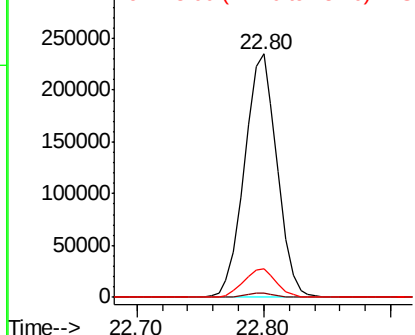
#85
Di-n-octyl phthalate
Concen: 43.183 ng
RT: 22.80 min Scan# 3355
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Instrument :
BNA_G
ClientSampleId :
PB115670BS

Tgt Ion:149 Resp: 417753
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 11.9 9.3 13.9

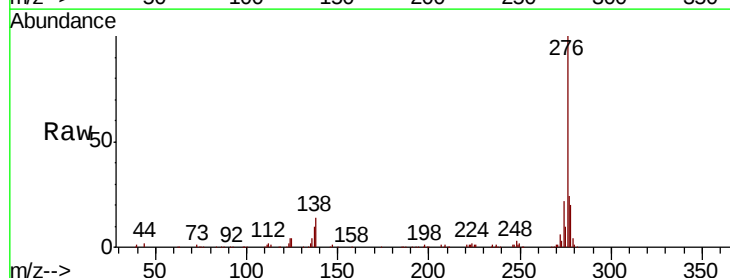


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

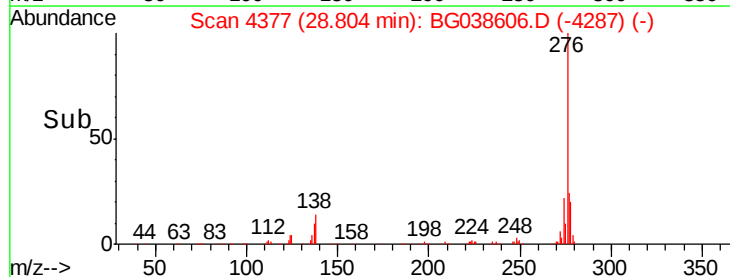
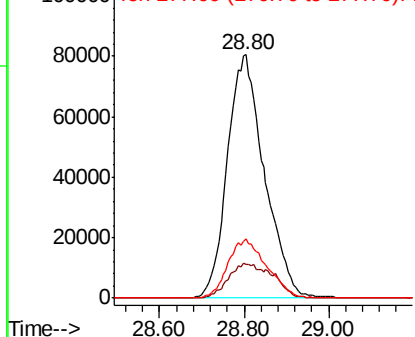


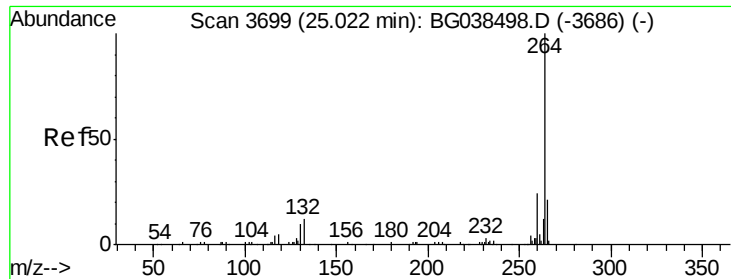
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.833 ng
RT: 28.80 min Scan# 4377
Delta R.T. -0.00 min
Lab File: BG038606.D
Acq: 15 Dec 2018 16:10

Tgt Ion:276 Resp: 488174
Ion Ratio Lower Upper
276 100
138 17.3 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: 25.01 min Scan# 3732

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

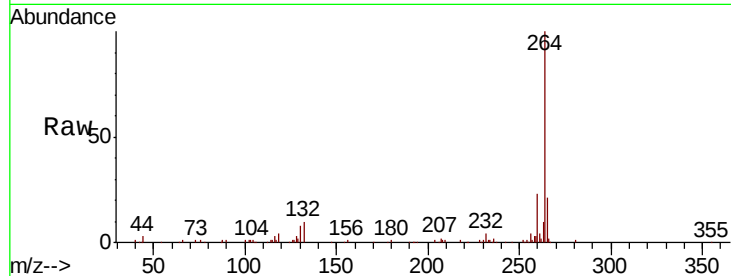
Tgt Ion:264 Resp: 175266

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 20.9 17.0 25.4

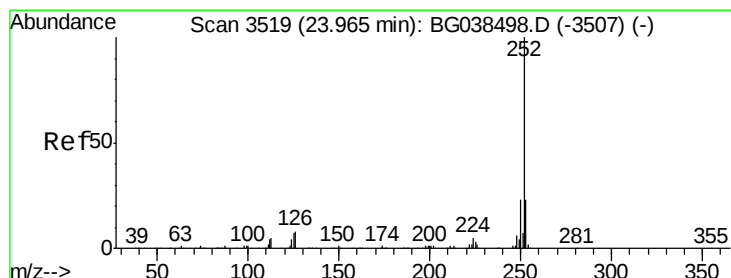
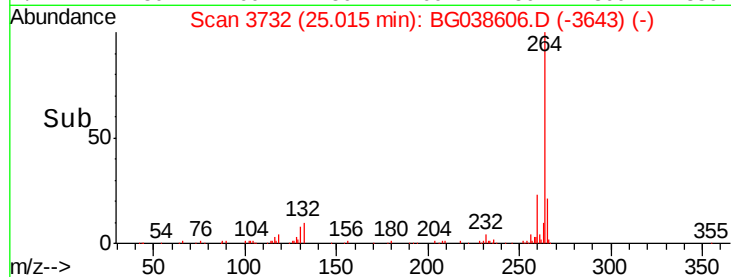
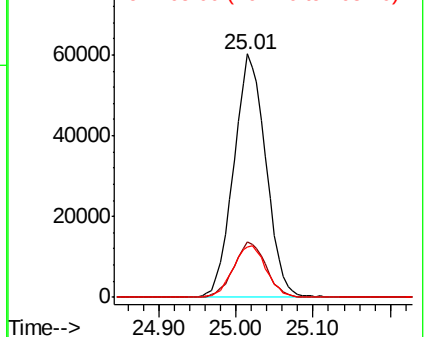


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.154 ng

RT: 23.96 min Scan# 3553

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

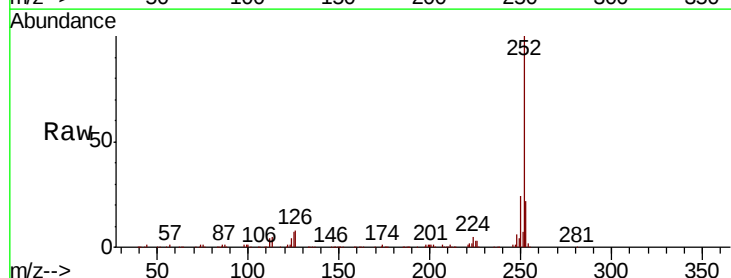
Tgt Ion:252 Resp: 424889

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 7.3 5.5 8.3

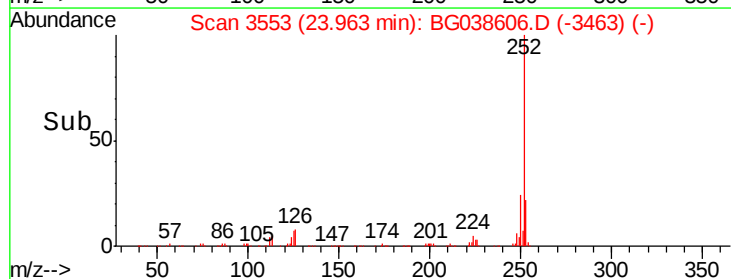
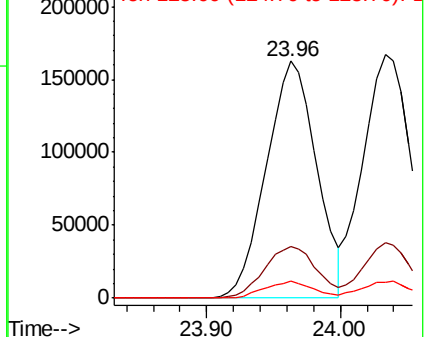


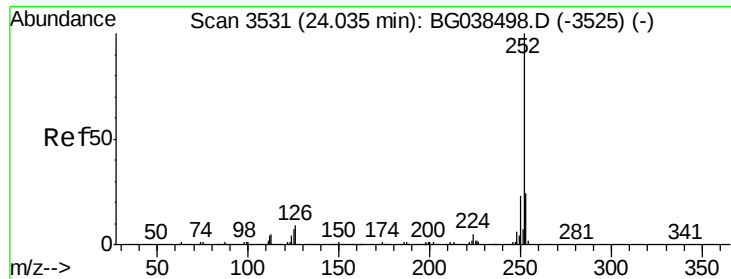
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.282 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

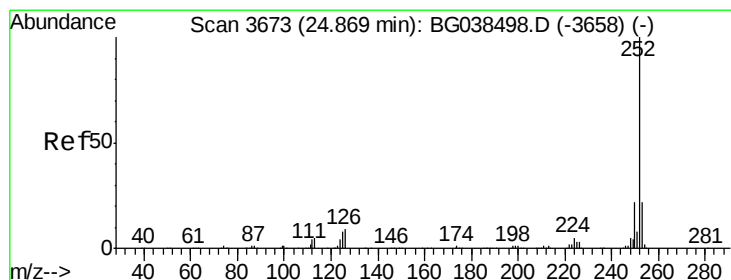
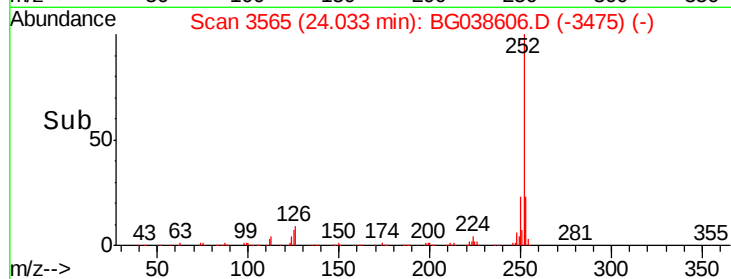
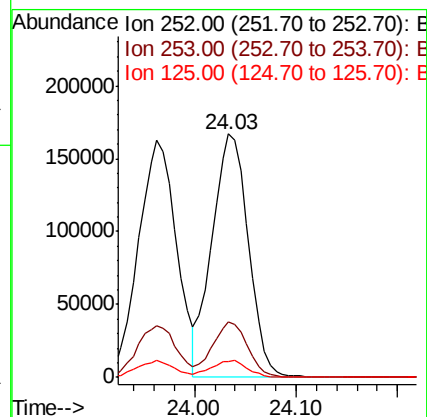
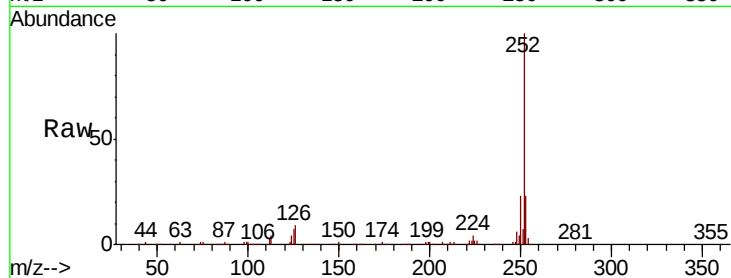
Tgt Ion:252 Resp: 414741

Ion Ratio Lower Upper

252 100

253 22.6 18.9 28.3

125 6.5 5.4 8.2



#90

Benzo(a)pyrene

Concen: 44.549 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

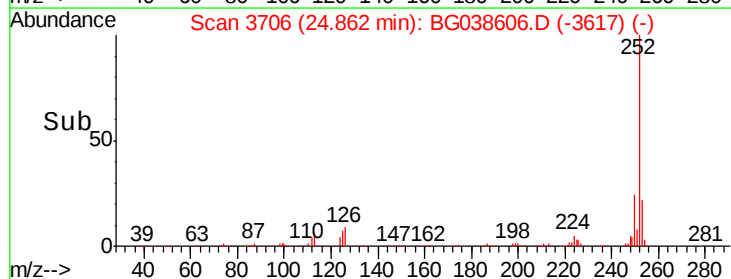
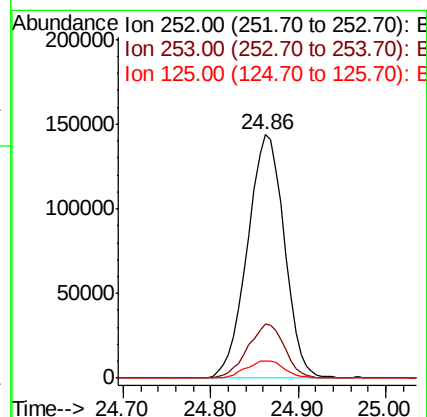
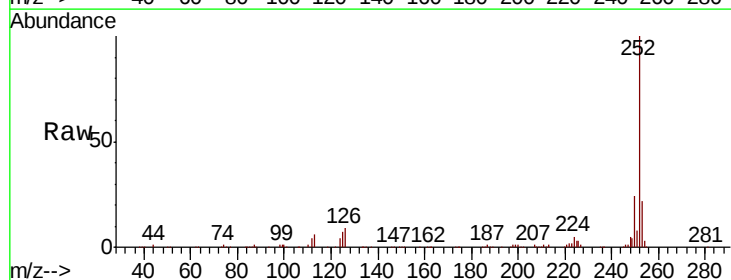
Tgt Ion:252 Resp: 413568

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 7.1 6.4 9.6





#91

Dibenzo(a,h)anthracene

Concen: 44.139 ng

RT: 28.86 min Scan# 4386

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

Instrument :

BNA_G

ClientSampleId :

PB115670BS

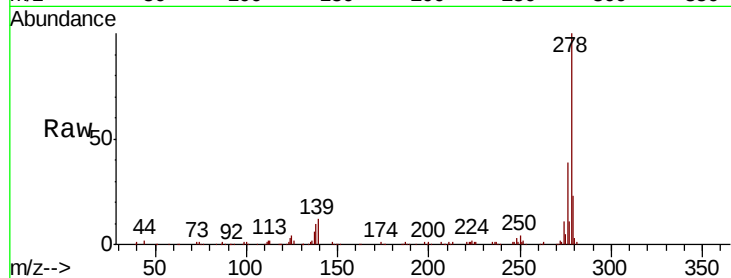
Tgt Ion:278 Resp: 407993

Ion Ratio Lower Upper

278 100

139 11.7 8.6 12.8

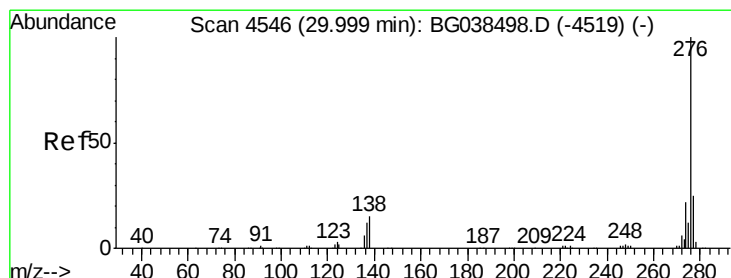
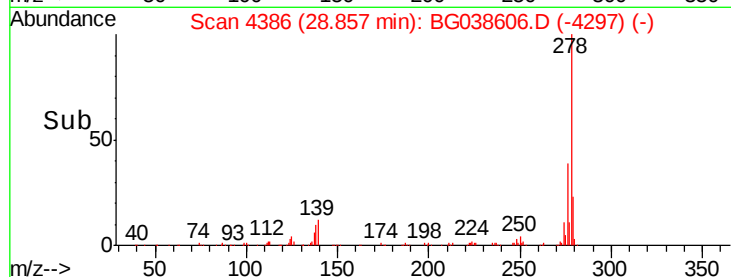
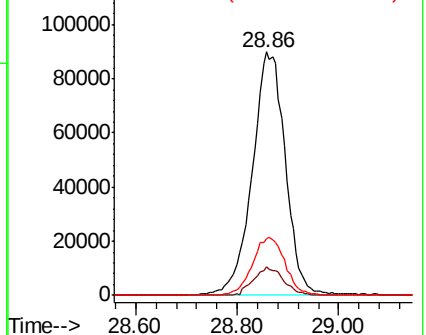
279 23.4 19.0 28.6



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: 44.775 ng

RT: 29.99 min Scan# 4579

Delta R.T. -0.01 min

Lab File: BG038606.D

Acq: 15 Dec 2018 16:10

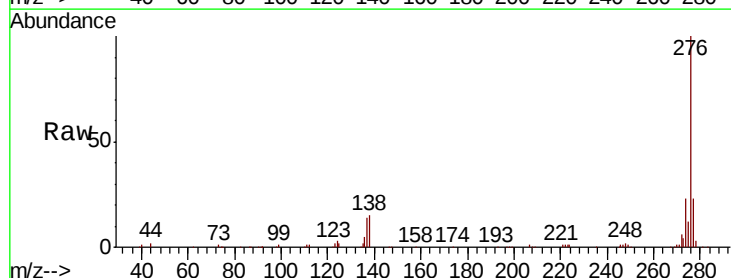
Tgt Ion:276 Resp: 407872

Ion Ratio Lower Upper

276 100

277 22.9 19.8 29.8

138 14.7 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

