

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122818\
 Data File : BG038891.D
 Acq On : 29 Dec 2018 2:21
 Operator : JU/SJ
 Sample : PB116049BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 29 04:33:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	20491	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	86579	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	64022	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	170969	20.00	ng	0.00
76) Chrysene-d12	21.72	240	171803	20.00	ng	0.00
87) Perylene-d12	25.02	264	180930	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	174950	151.43	ng	0.00
7) Phenol-d6	7.22	99	246083	155.16	ng	0.01
23) Nitrobenzene-d5	9.23	82	113531	66.99	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	137567	155.91	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	321365	68.86	ng	0.00
79) Terphenyl-d14	20.04	244	660631	83.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	24909	46.326	ng	97
3) Pyridine	3.89	79	45163	30.508	ng	99
4) n-Nitrosodimethylamine	3.82	42	27883	38.440	ng	95
6) Aniline	7.38	93	51430	25.402	ng	96
8) 2-Chlorophenol	7.62	128	63248	47.308	ng	97
9) Benzaldehyde	7.20	77	17087	16.608	ng	90
10) Phenol	7.25	94	80954	48.045	ng	99
11) bis(2-Chloroethyl)ether	7.48	93	48179	35.914	ng	93
12) 1,3-Dichlorobenzene	7.94	146	61364	38.819	ng	94
13) 1,4-Dichlorobenzene	8.09	146	63680	39.333	ng	100
14) 1,2-Dichlorobenzene	8.41	146	60938	39.926	ng	99
15) Benzyl Alcohol	8.30	79	55046	44.466	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	100139	32.586	ng	96
17) 2-Methylphenol	8.50	107	55255	48.946	ng	97
18) Hexachloroethane	9.13	117	22452	37.952	ng	90
19) n-Nitroso-di-n-propylamine	8.86	70	41301	37.077	ng	96
20) 3+4-Methylphenols	8.83	107	78632	50.435	ng	98
22) Acetophenone	8.89	105	86000	39.768	ng	94
24) Nitrobenzene	9.28	77	66824	38.977	ng	98
25) Isophorone	9.79	82	120836	39.684	ng	96
26) 2-Nitrophenol	9.99	139	39503	45.018	ng	# 90
27) 2,4-Dimethylphenol	10.03	122	64089	50.962	ng	97
28) bis(2-Chloroethoxy)methane	10.27	93	71118	41.387	ng	98
29) 2,4-Dichlorophenol	10.52	162	77849	55.645	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	70457	41.693	ng	97
31) Naphthalene	10.93	128	187565	43.969	ng	97
32) Benzoic acid	10.16	122	17564	27.496	ng	91
33) 4-Chloroaniline	11.04	127	54705	29.538	ng	96
34) Hexachlorobutadiene	11.18	225	46853	40.974	ng	# 90
35) Caprolactam	11.84	113	24050	41.538	ng	92
36) 4-Chloro-3-methylphenol	12.16	107	80531	50.441	ng	94
37) 2-Methylnaphthalene	12.52	142	148508	48.798	ng	98
38) 1-Methylnaphthalene	12.74	142	143783	48.688	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	92237	38.543	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	75383	57.336	ng	94
43) 2,4,6-Trichlorophenol	13.14	196	73360	49.856	ng	95
44) 2,4,5-Trichlorophenol	13.21	196	77690	49.868	ng	95
46) 1,1'-Biphenyl	13.53	154	205103	38.215	ng	96
47) 2-Chloronaphthalene	13.58	162	166228	40.095	ng	96
48) 2-Nitroaniline	13.79	65	53932	40.841	ng	88
49) Acenaphthylene	14.42	152	274122	44.229	ng	98
50) Dimethylphthalate	14.15	163	224014	42.847	ng	99
51) 2,6-Dinitrotoluene	14.28	165	52532	44.338	ng	90
52) Acenaphthene	14.76	154	156601	42.255	ng	99
53) 3-Nitroaniline	14.62	138	43566	36.071	ng	93
54) 2,4-Dinitrophenol	14.83	184	3799	10.221	ng	93
55) Dibenzofuran	15.09	168	275806	43.415	ng	97
56) 4-Nitrophenol	14.93	139	72574	79.208	ng	94
57) 2,4-Dinitrotoluene	15.06	165	74265	44.503	ng	90
58) Fluorene	15.74	166	220532	46.855	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	70419	50.240	ng	96
60) Diethylphthalate	15.50	149	238311	41.521	ng	97
61) 4-Chlorophenyl-phenylether	15.73	204	128048	43.604	ng	95
62) 4-Nitroaniline	15.78	138	54270	43.646	ng	97
63) Azobenzene	16.02	77	191013	39.838	ng	96
65) 4,6-Dinitro-2-methylphenol	15.83	198	9178	7.525	ng	90
66) n-Nitrosodiphenylamine	15.94	169	210889	41.981	ng	97
67) 4-Bromophenyl-phenylether	16.62	248	88389	42.331	ng	97
68) Hexachlorobenzene	16.74	284	90112	41.632	ng	97
69) Atrazine	16.89	200	86160	46.217	ng	94
70) Pentachlorophenol	17.09	266	37405	29.217	ng	97
71) Phenanthrene	17.48	178	390496	44.045	ng	99
72) Anthracene	17.58	178	396577	45.310	ng	99
73) Carbazole	17.85	167	343782	39.716	ng	99
74) Di-n-butylphthalate	18.38	149	401562	40.430	ng	99
75) Fluoranthene	19.49	202	474939	43.296	ng	97
77) Benzidine	19.67	184	167377	32.942	ng	98
78) Pyrene	19.86	202	482893	42.546	ng	99
80) Butylbenzylphthalate	20.72	149	181493	40.930	ng	97
81) Benzo(a)anthracene	21.70	228	470577	44.950	ng	99
82) 3,3'-Dichlorobenzidine	21.61	252	138518	33.362	ng	97
83) Chrysene	21.77	228	432803	42.922	ng	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	255859	40.684	ng	97
85) Di-n-octyl phthalate	22.79	149	436637	41.457	ng	96
86) Indeno(1,2,3-cd)pyrene	28.82	276	551888	46.554	ng	# 84
88) Benzo(b)fluoranthene	23.96	252	475273	47.844	ng	99
89) Benzo(k)fluoranthene	24.03	252	461745	46.679	ng	97
90) Benzo(a)pyrene	24.86	252	459473	47.944	ng	99
91) Dibenzo(a,h)anthracene	28.87	278	454315	47.612	ng	98
92) Benzo(g,h,i)perylene	30.00	276	448968	47.744	ng	97

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

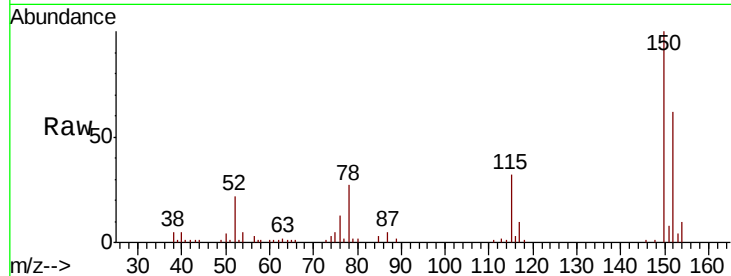


#1

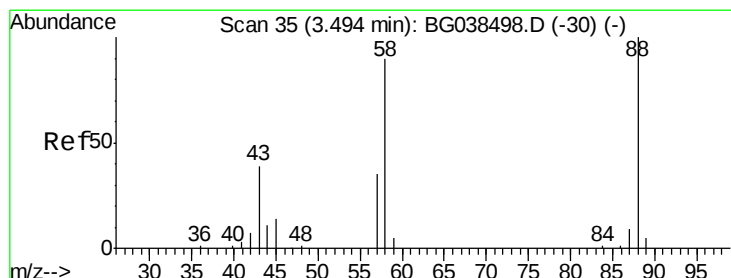
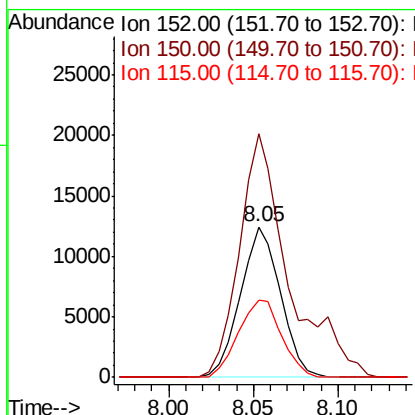
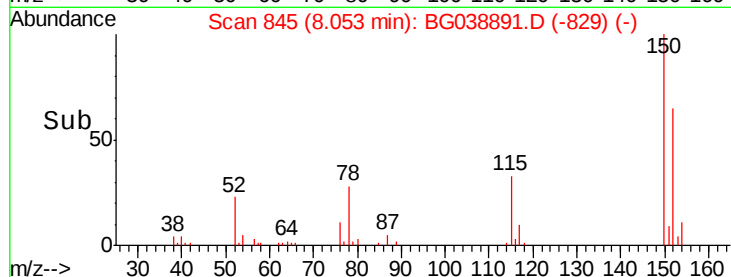
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 20491
Ion Ratio Lower Upper
152 100
150 161.6 119.5 179.3
115 51.0 49.6 74.4



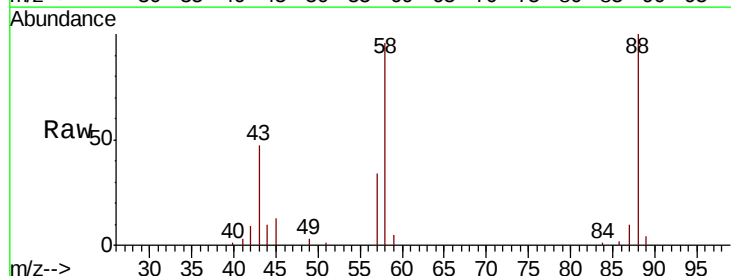
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



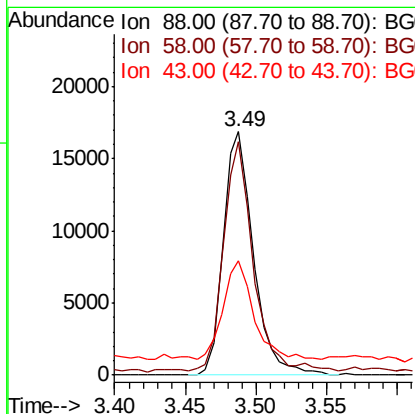
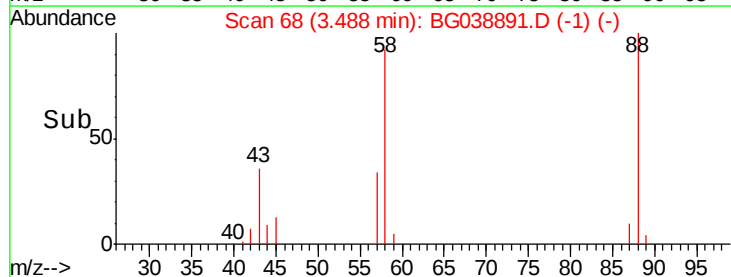
#2

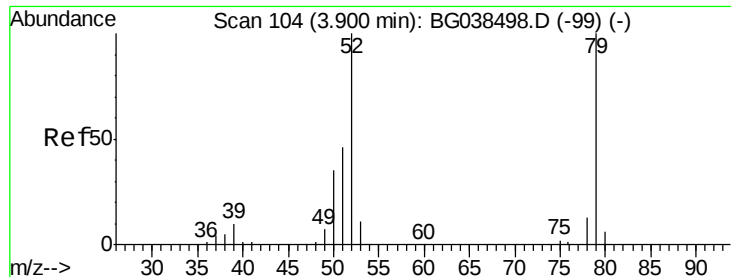
1,4-Dioxane
Concen: 46.326 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion: 88 Resp: 24909
Ion Ratio Lower Upper
88 100
58 92.1 75.7 113.5
43 41.5 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

Pvridine

Concen: 30.508 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

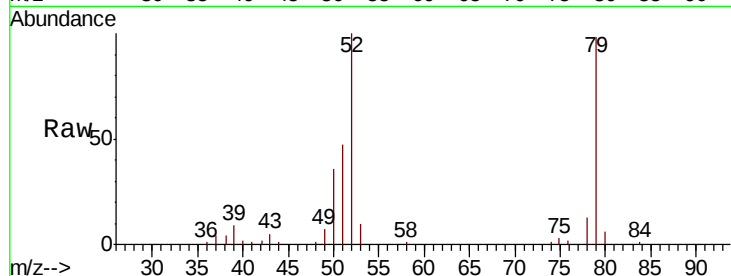
Tot Ion: 79 Resp: 45163

Ion Ratio Lower Upper

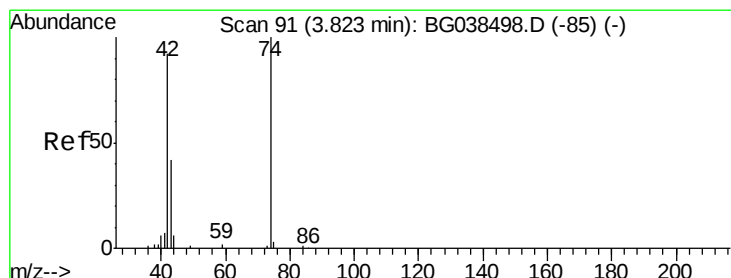
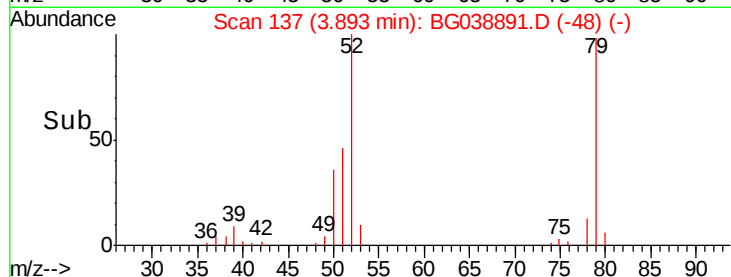
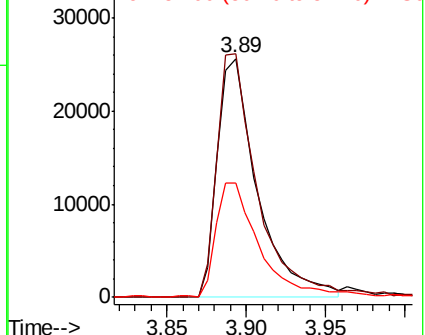
79 100

52 102.1 80.2 120.2

51 47.9 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: 38.440 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

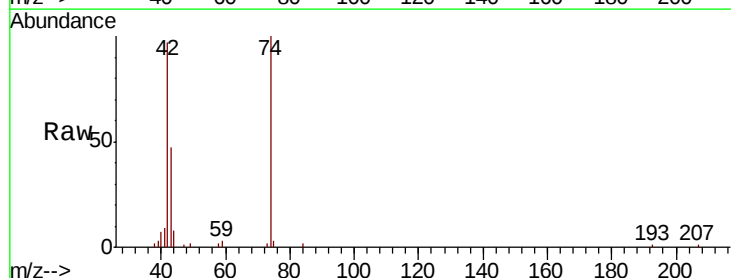
Tgt Ion: 42 Resp: 27883

Ion Ratio Lower Upper

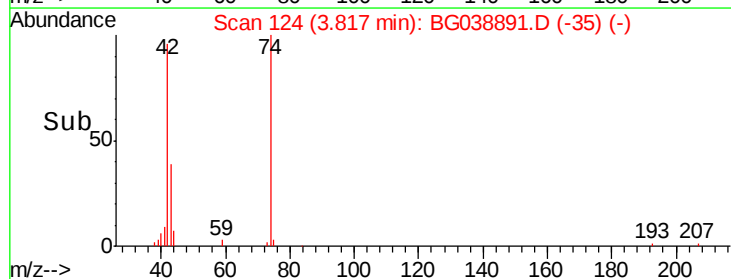
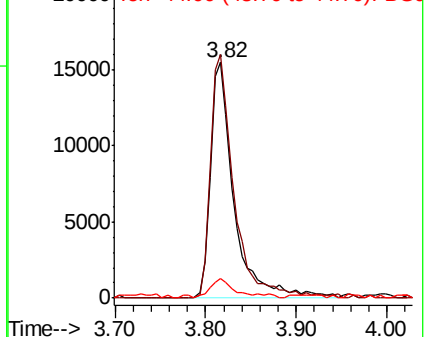
42 100

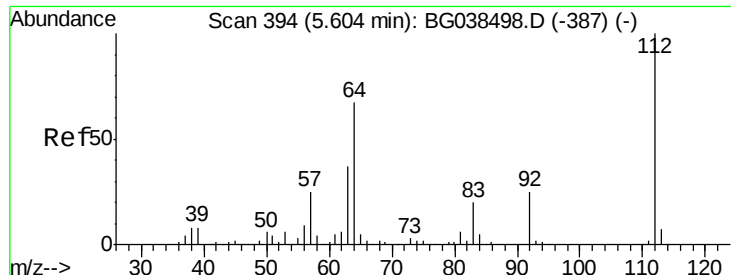
74 103.3 86.7 130.1

44 8.4 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: 151.433 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampled :

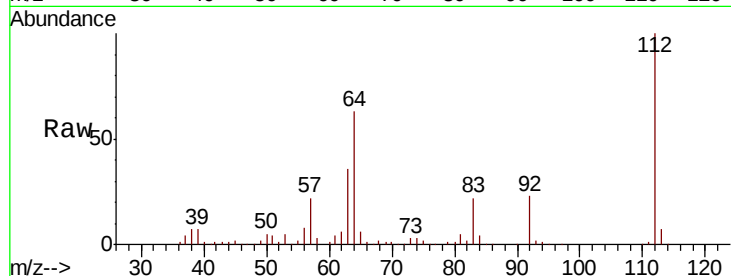
Tot Ion: 112 Resp: 174950

Ion Ratio Lower Upper

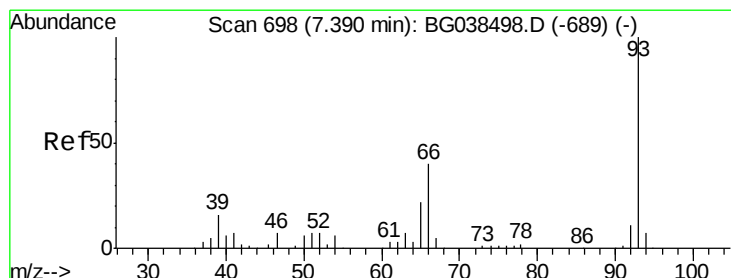
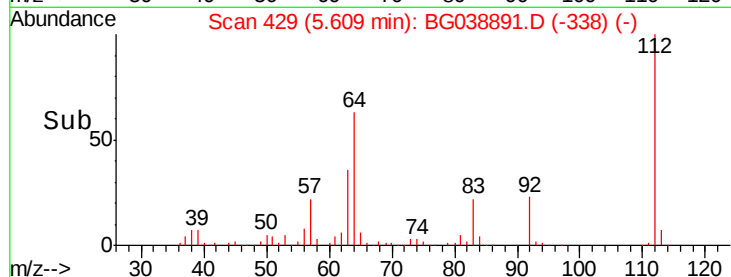
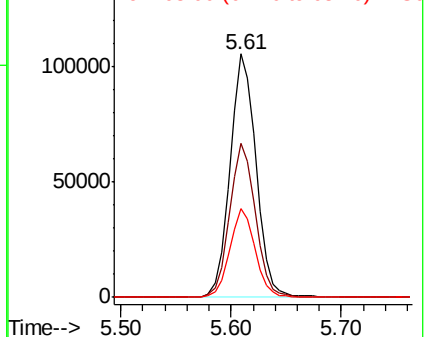
112 100

64 63.2 53.4 80.2

63 36.3 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: 25.402 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

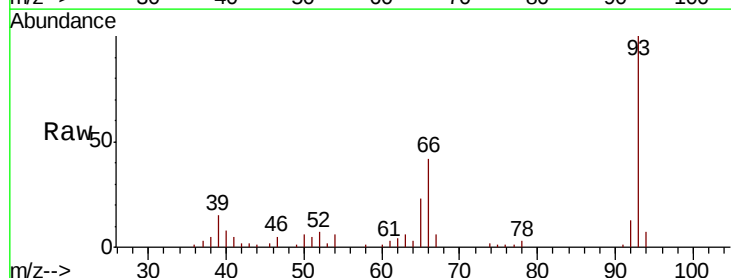
Tgt Ion: 93 Resp: 51430

Ion Ratio Lower Upper

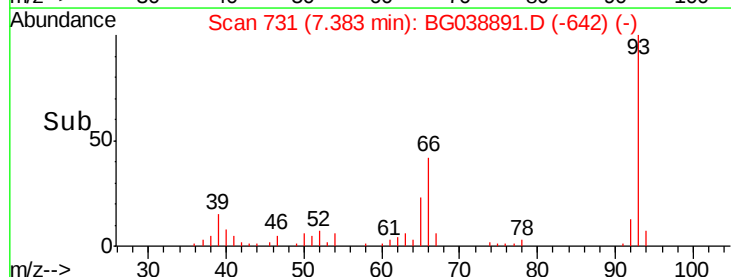
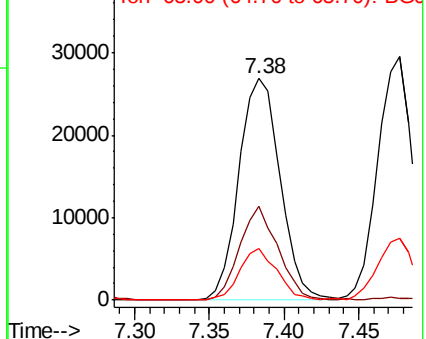
93 100

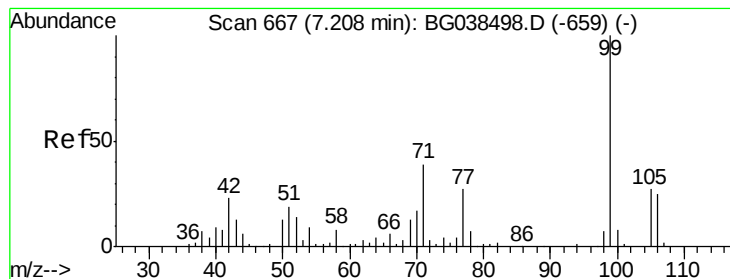
66 42.2 31.7 47.5

65 23.4 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: 155.159 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

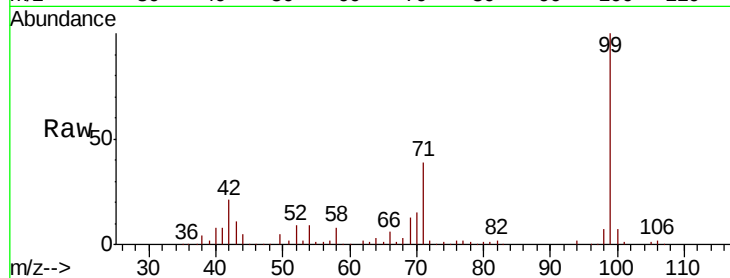
Tot Ion: 99 Resp: 246083

Ion Ratio Lower Upper

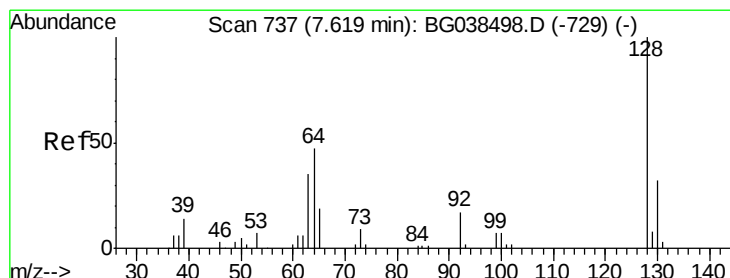
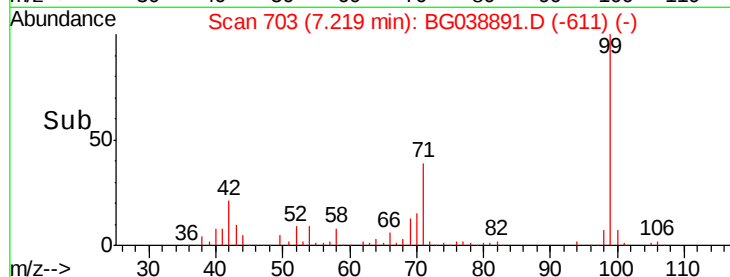
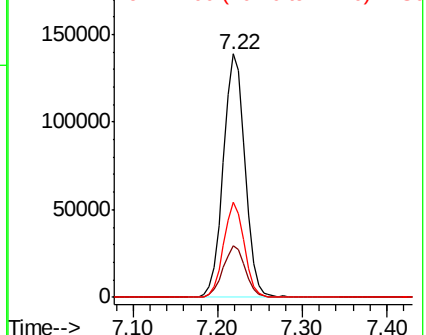
99 100

42 21.2 18.5 27.7

71 38.8 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: 47.308 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

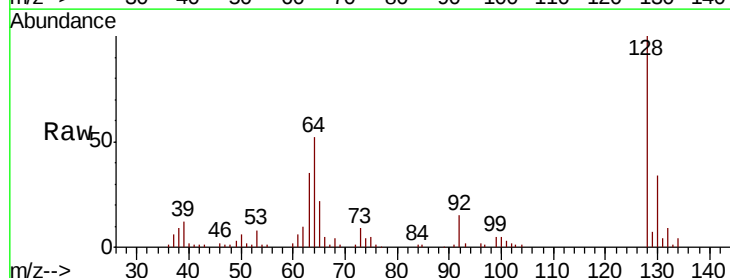
Tgt Ion: 128 Resp: 63248

Ion Ratio Lower Upper

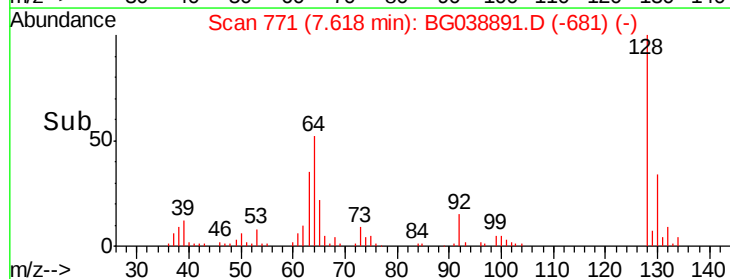
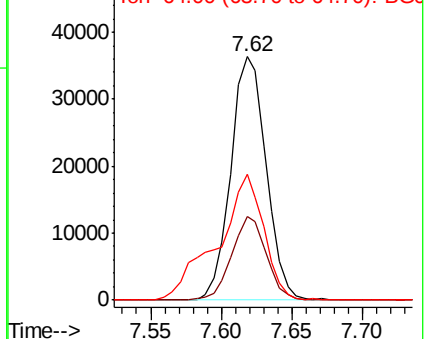
128 100

130 34.5 11.8 51.8

64 51.7 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: 16.608 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

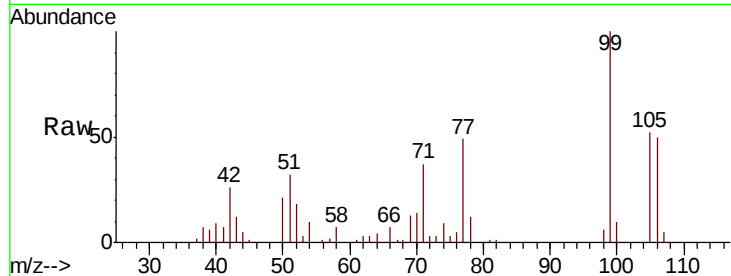
Tot Ion: 77 Resp: 17087

Ion Ratio Lower Upper

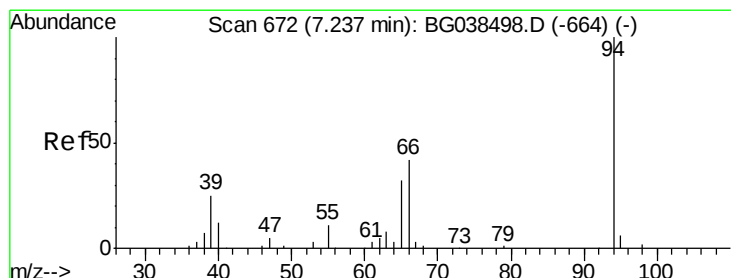
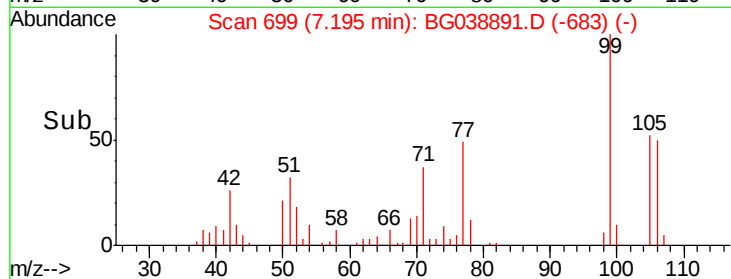
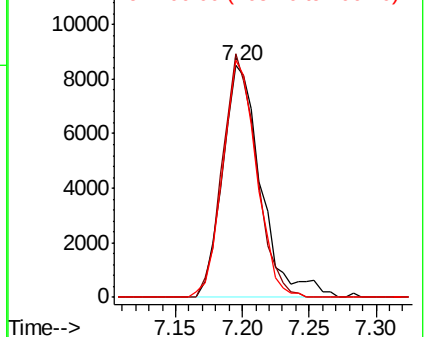
77 100

105 105.0 74.0 114.0

106 102.1 73.9 113.9



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



#10

Phenol

Concen: 48.045 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

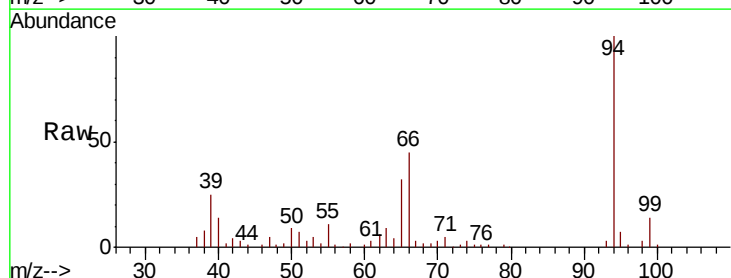
Tgt Ion: 94 Resp: 80954

Ion Ratio Lower Upper

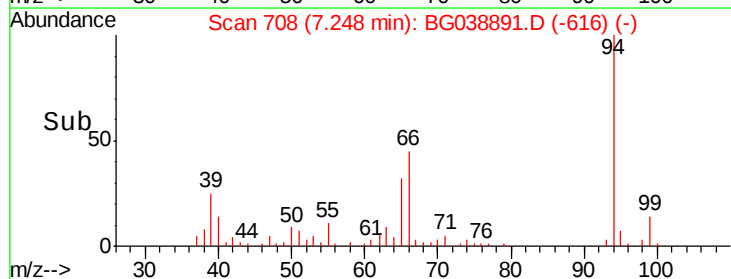
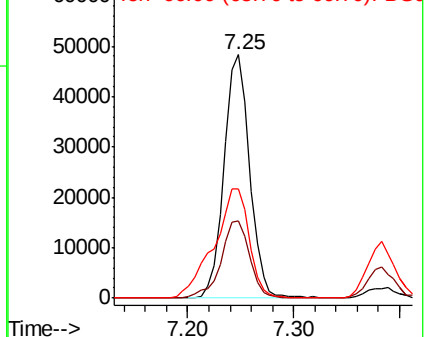
94 100

65 32.0 12.6 52.6

66 44.9 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

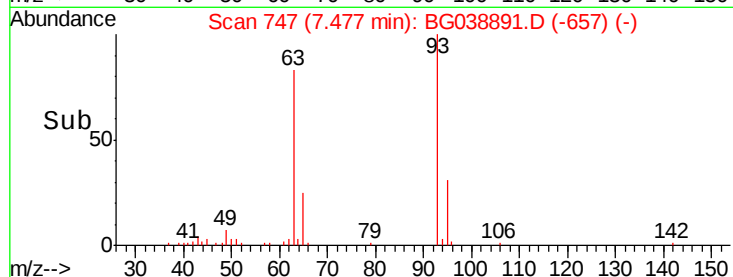
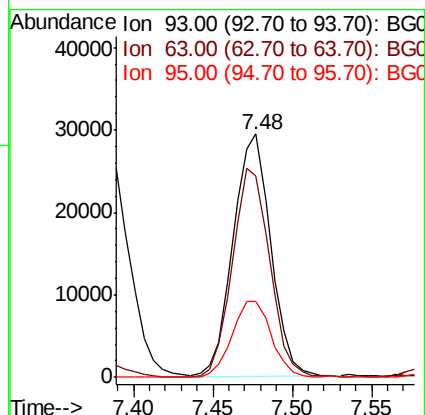
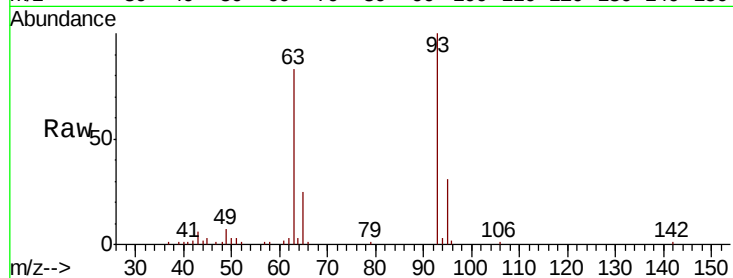




#11
 bis(2-Chloroethyl)ether
 Concen: 35.914 ng
 RT: 7.48 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

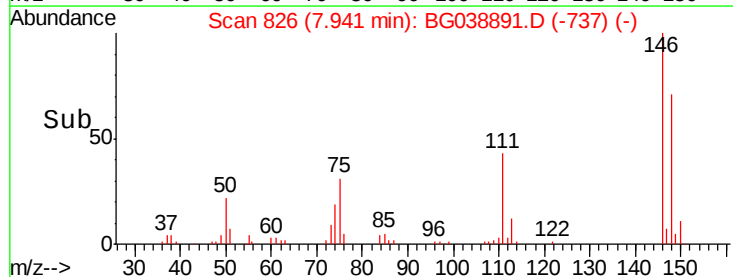
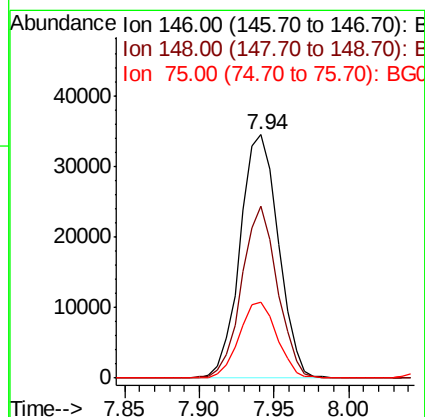
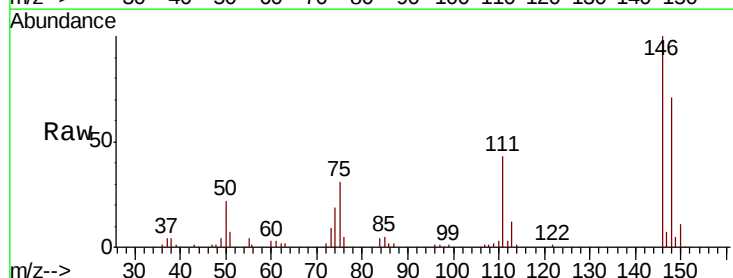
Instrument :
 BNA_G
 ClientSampleId :

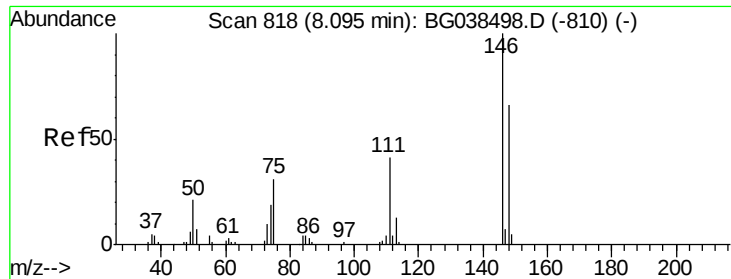
Tot Ion: 93 Resp: 48179
 Ion Ratio Lower Upper
 93 100
 63 82.9 72.2 112.2
 95 31.3 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.819 ng
 RT: 7.94 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion: 146 Resp: 61364
 Ion Ratio Lower Upper
 146 100
 148 70.7 51.4 77.0
 75 31.3 26.1 39.1

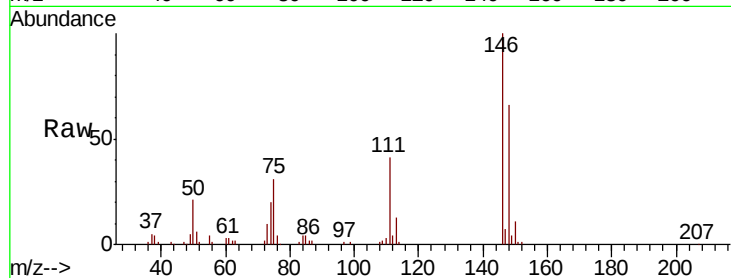




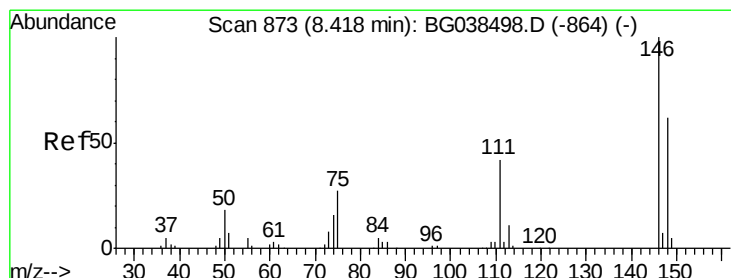
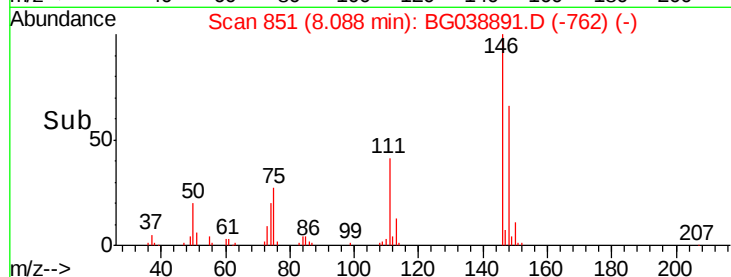
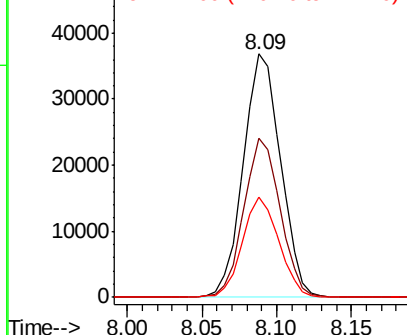
#13
 1,4-Dichlorobenzene
 Concen: 39.333 ng
 RT: 8.09 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 63680
 Ion Ratio Lower Upper
 146 100
 148 65.5 52.4 78.6
 111 41.1 33.0 49.4

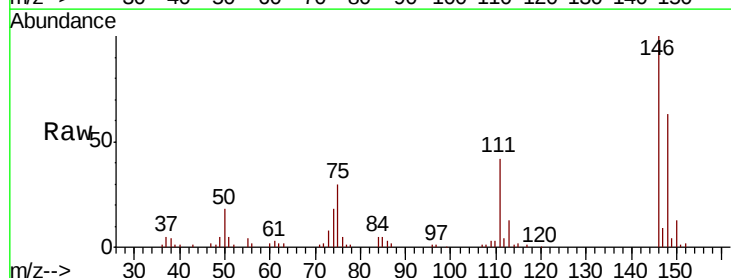


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

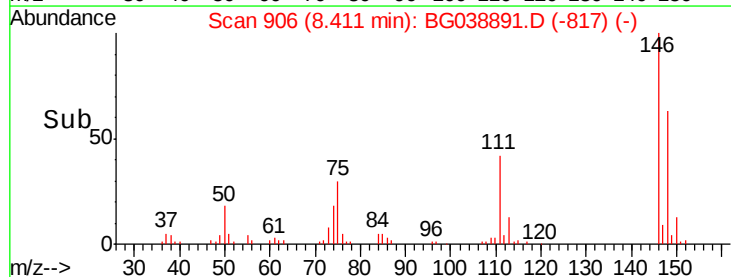
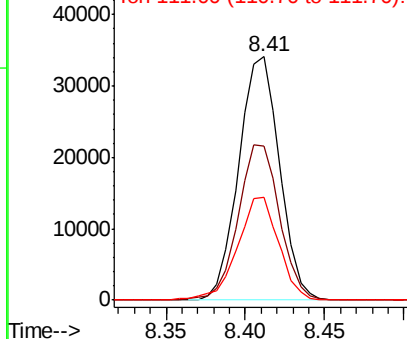


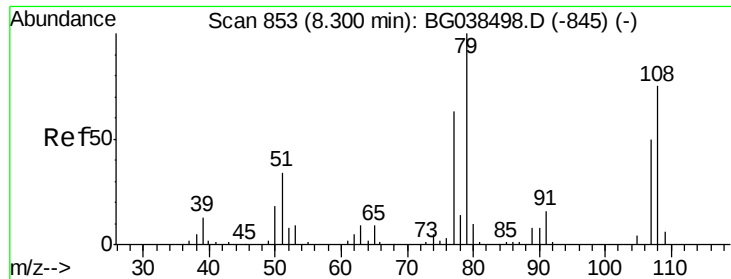
#14
 1,2-Dichlorobenzene
 Concen: 39.926 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:146 Resp: 60938
 Ion Ratio Lower Upper
 146 100
 148 63.4 49.4 74.0
 111 42.0 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

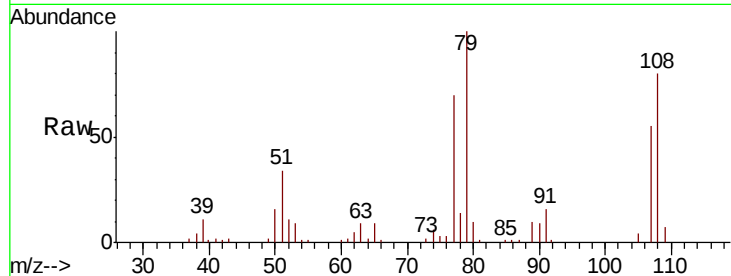




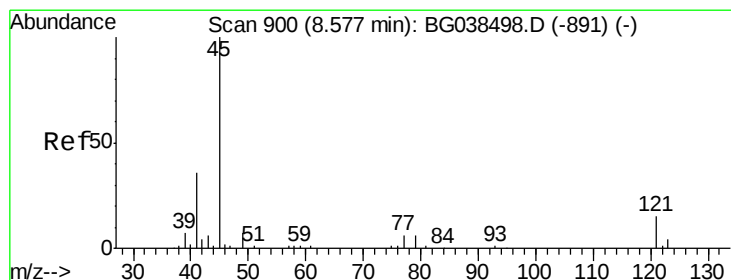
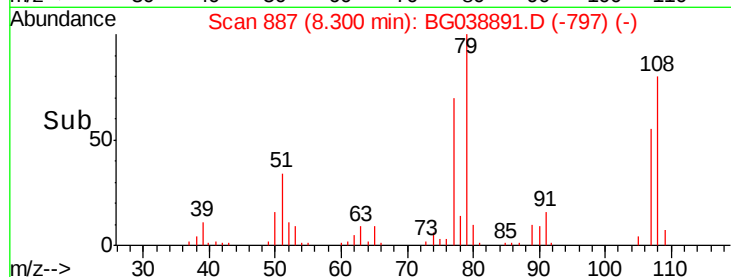
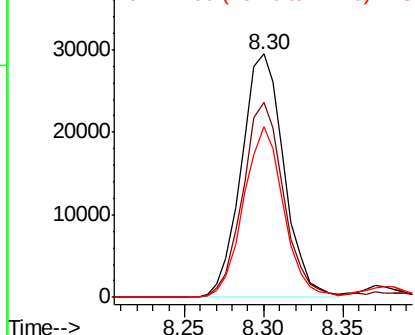
#15
Benzyl Alcohol
Concen: 44.466 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 79 Resp: 55046
Ion Ratio Lower Upper
79 100
108 80.0 60.2 90.4
77 70.3 50.7 76.1

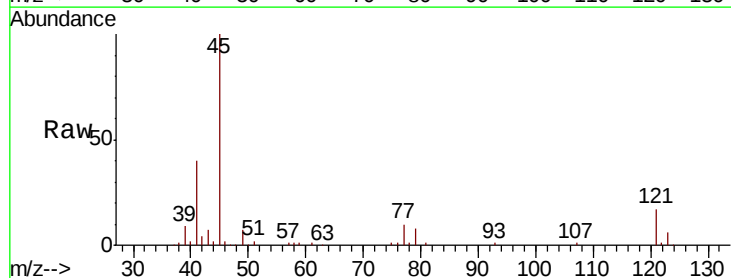


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

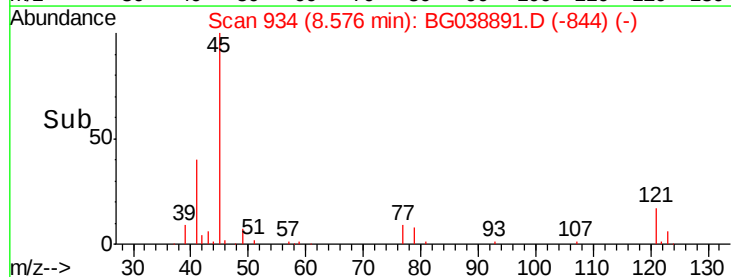
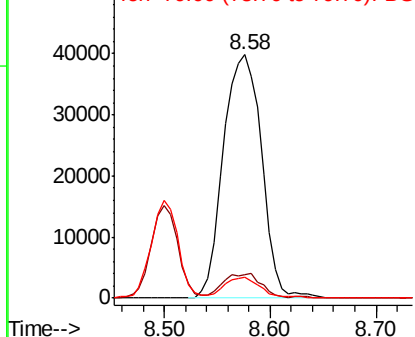


#16
2,2'-oxybis(1-Chloropropane)
Concen: 32.586 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion: 45 Resp: 100139
Ion Ratio Lower Upper
45 100
77 9.6 0.0 28.2
79 8.4 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

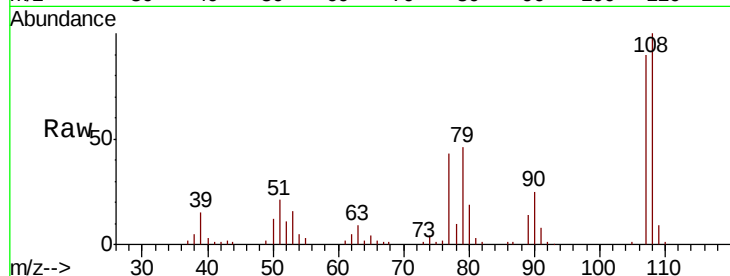




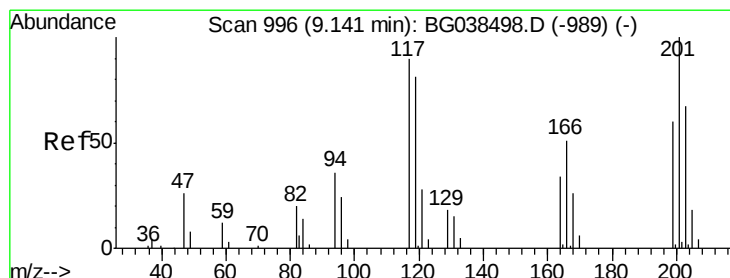
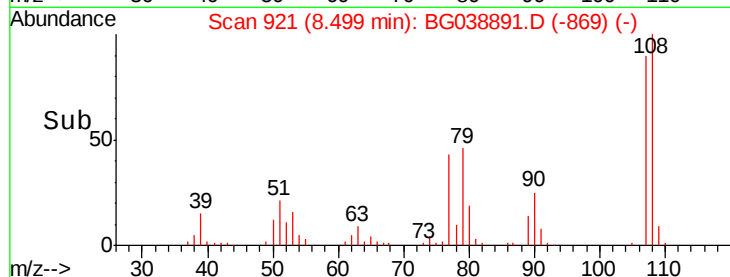
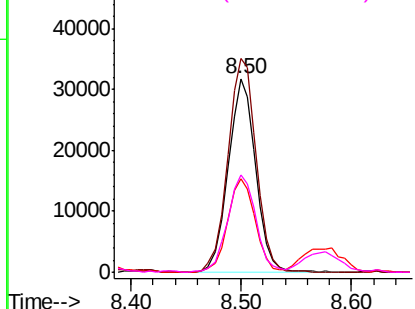
#17
2-Methylphenol
Concen: 48.946 ng
RT: 8.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 55255
Ion Ratio Lower Upper
107 100
108 110.5 87.1 130.7
77 48.0 42.0 63.0
79 50.3 38.2 57.2

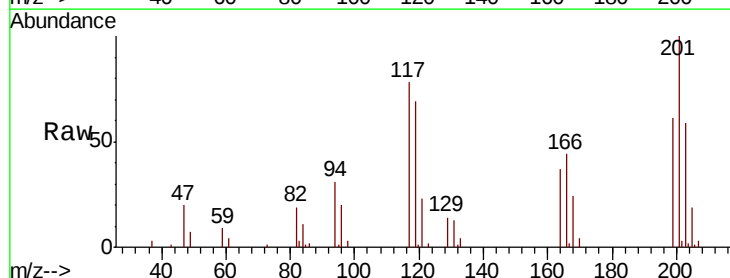


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

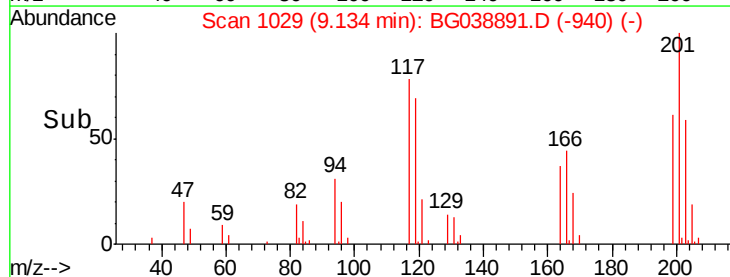
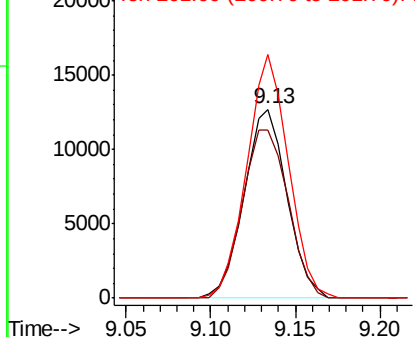


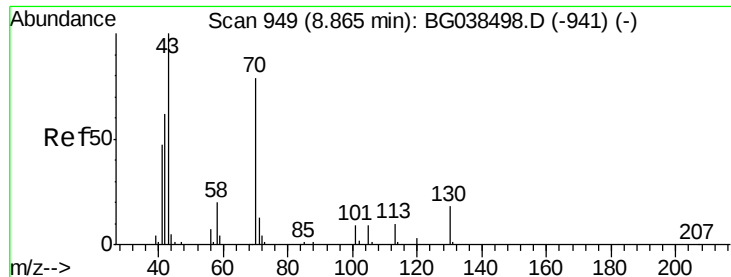
#18
Hexachloroethane
Concen: 37.952 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:117 Resp: 22452
Ion Ratio Lower Upper
117 100
119 89.9 73.8 110.8
201 128.8 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

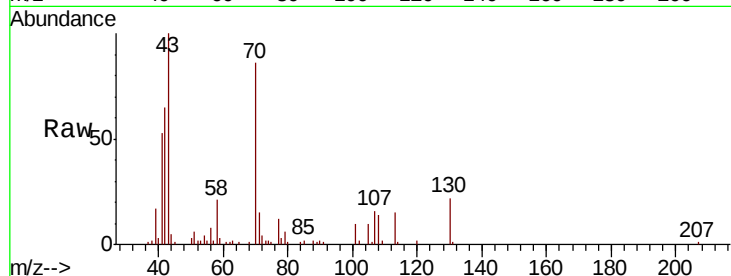




#19
n-Nitroso-di-n-propylamine
Concen: 37.077 ng
RT: 8.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	41301
Ion	Ratio	Lower	Upper
70	100		
42	75.3	63.6	95.4
101	12.0	9.2	13.8
130	25.2	18.5	27.7



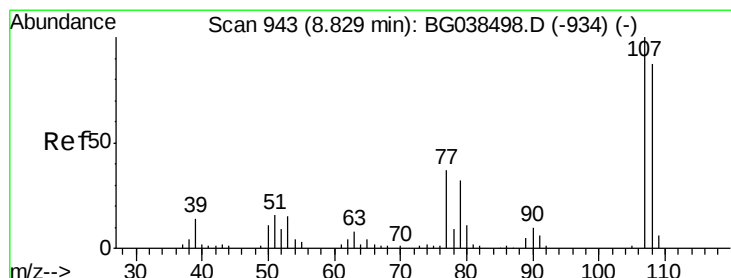
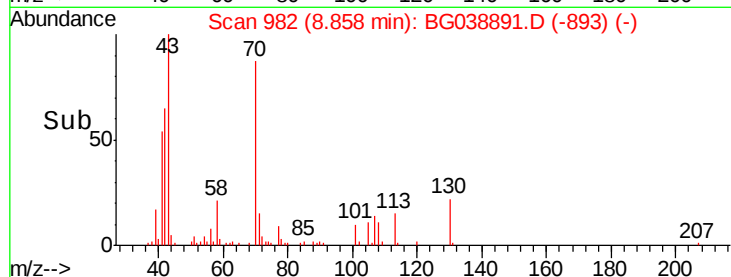
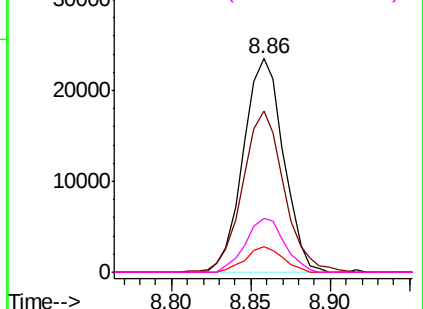
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

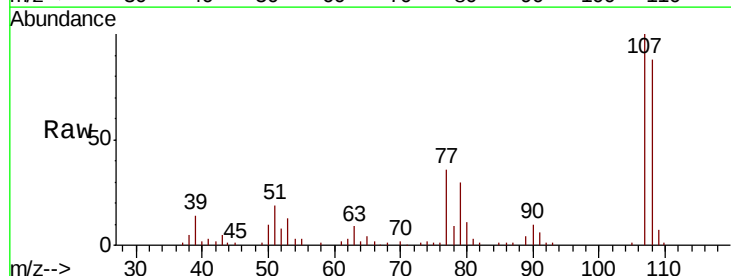
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 50.435 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:	107	Resp:	78632
Ion	Ratio	Lower	Upper
107	100		
108	88.2	66.7	106.7
77	35.9	17.3	57.3
79	30.2	12.3	52.3



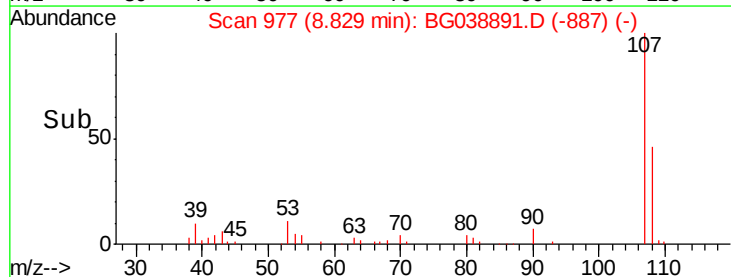
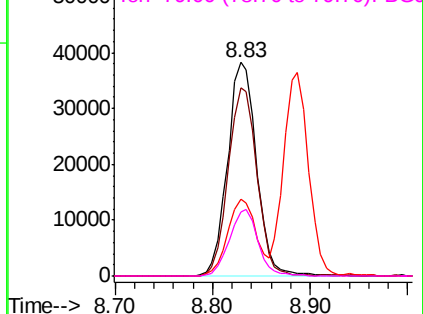
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 86579

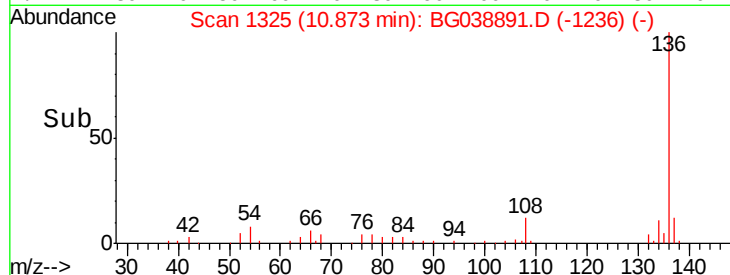
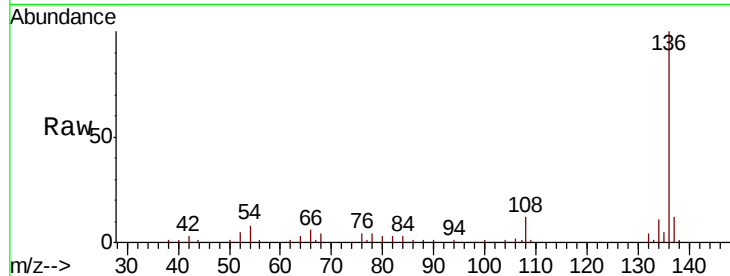
Ion Ratio Lower Upper

136 100

137 11.8 9.3 13.9

54 8.5 8.5 12.7#

68 4.4 3.5 5.3

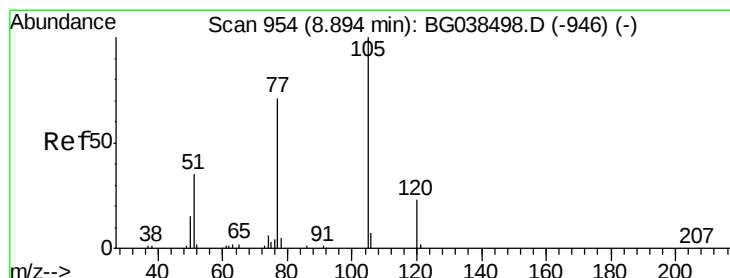
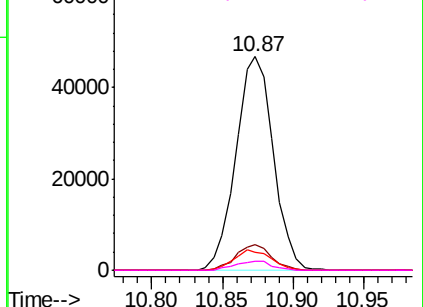


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.768 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:105 Resp: 86000

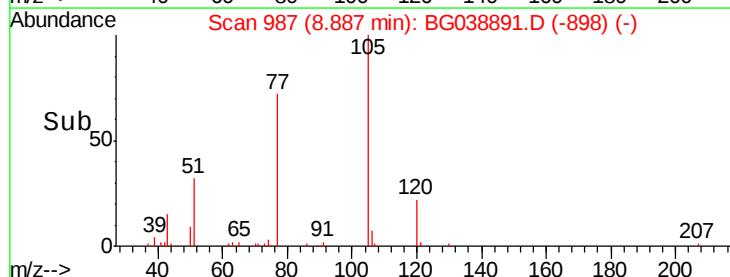
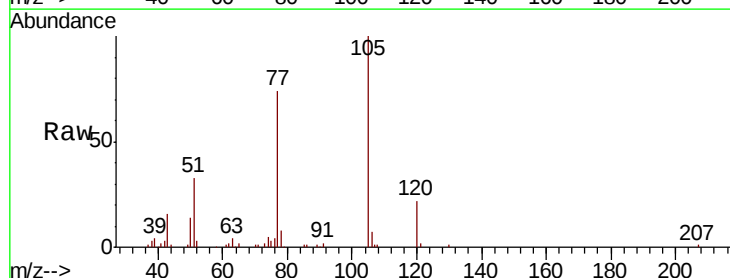
Ion Ratio Lower Upper

105 100

71 0.6 0.4 0.6

51 33.1 30.6 46.0

120 22.2 18.6 28.0

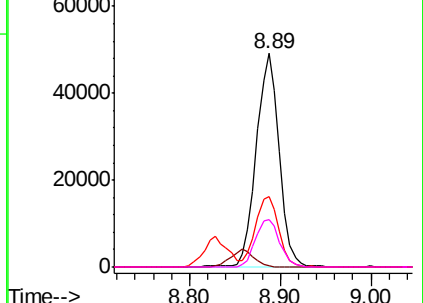


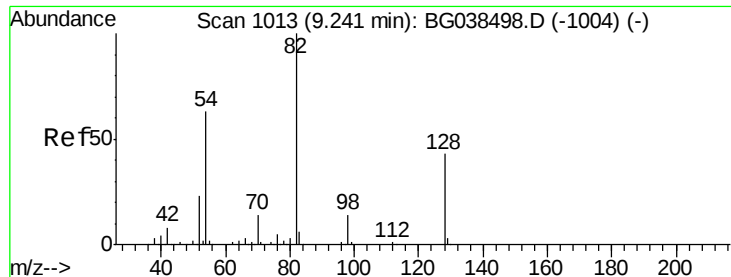
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

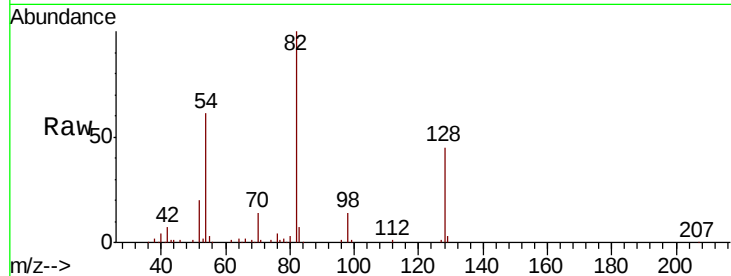




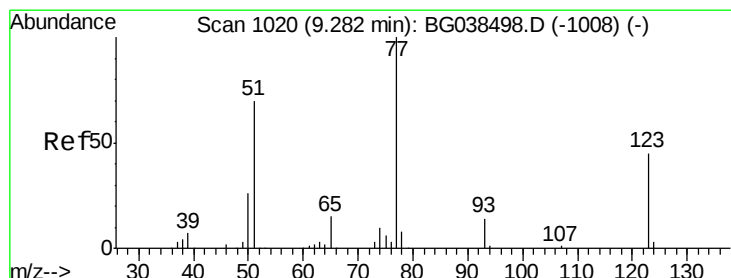
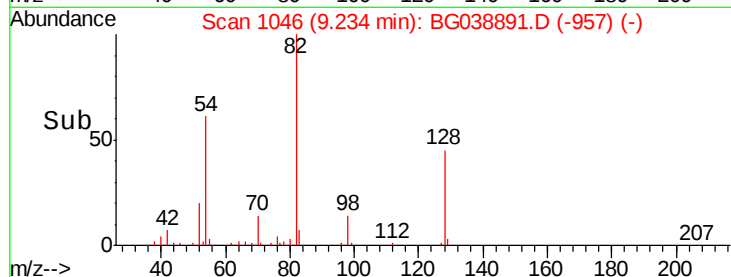
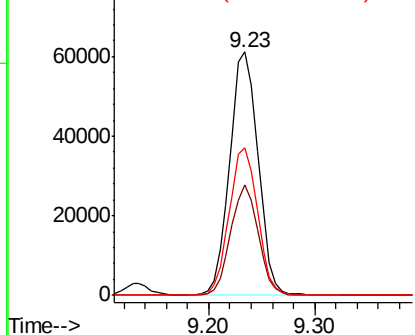
#23
Nitrobenzene-d5
Concen: 66.991 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 113531
Ion Ratio Lower Upper
82 100
128 45.4 34.6 52.0
54 60.6 50.6 76.0

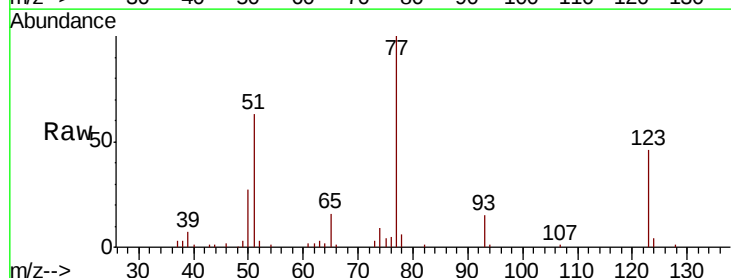


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

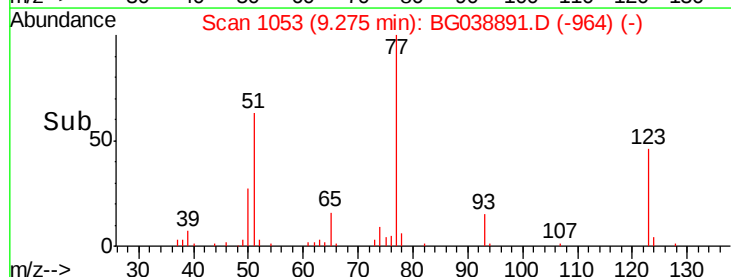
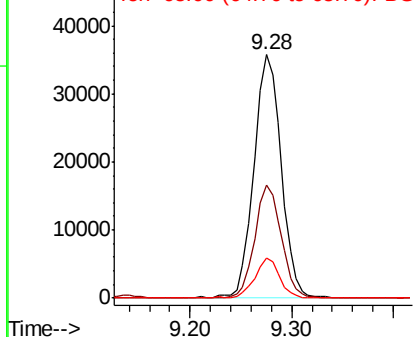


#24
Nitrobenzene
Concen: 38.977 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion: 77 Resp: 66824
Ion Ratio Lower Upper
77 100
123 46.2 35.9 53.9
65 16.2 12.0 18.0



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

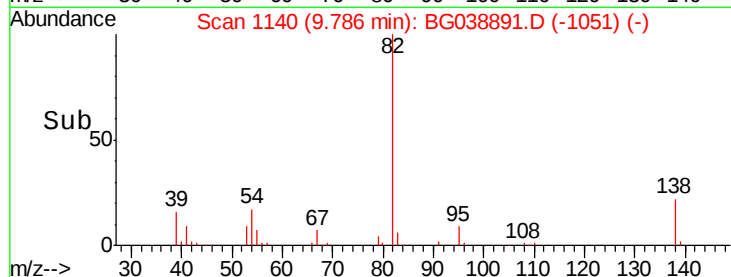
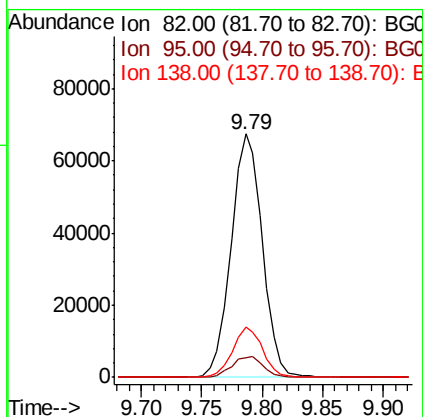
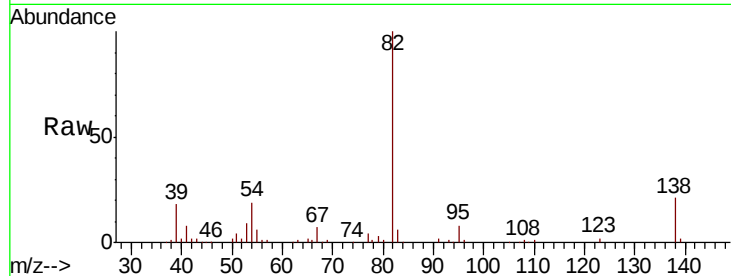




#25
Isophorone
Concen: 39.684 ng
RT: 9.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

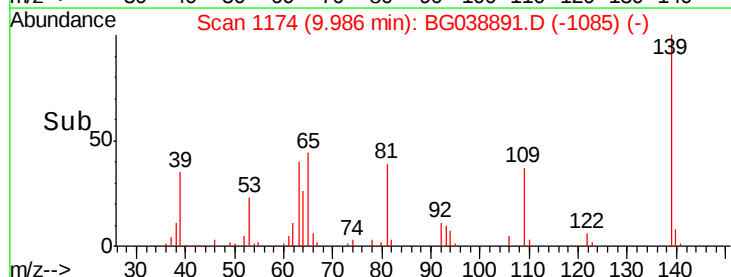
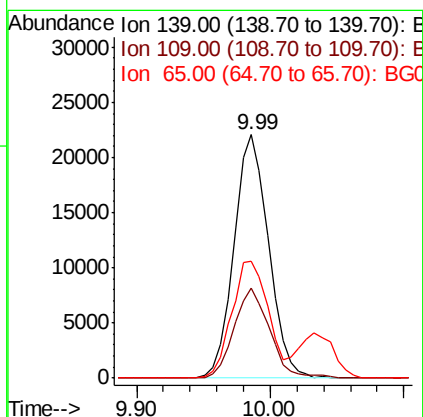
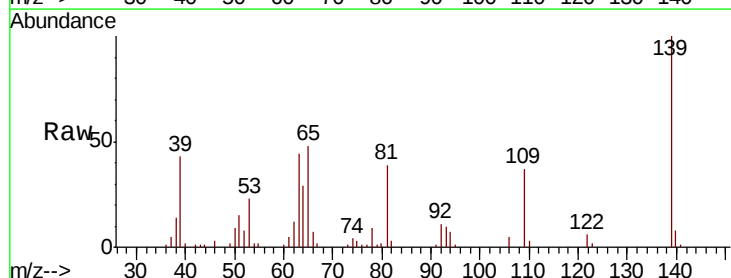
Instrument :
BNA_G
ClientSampleId :

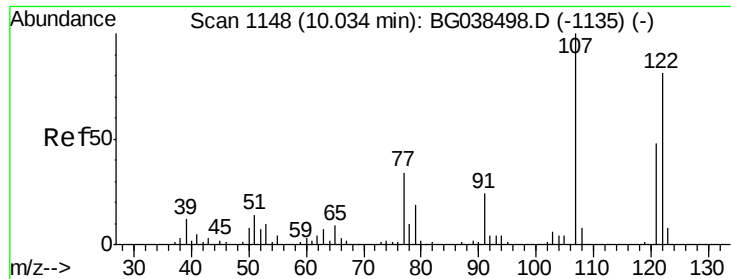
Tot Ion	82	Resp	120836
Ion Ratio	100	Lower	Upper
95	8.3	6.1	9.1
138	20.6	14.9	22.3



#26
2-Nitrophenol
Concen: 45.018 ng
RT: 9.99 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	139	Resp	39503
Ion Ratio	100	Lower	Upper
109	36.8	29.5	44.3
65	48.3	48.5	72.7#

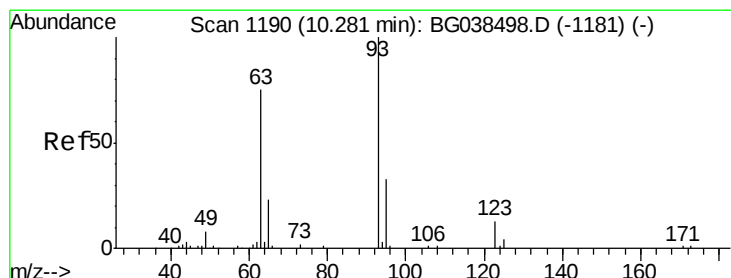
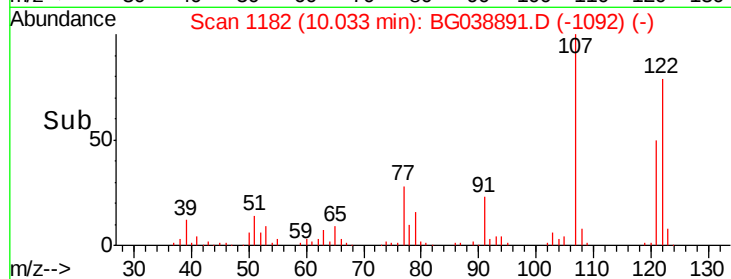
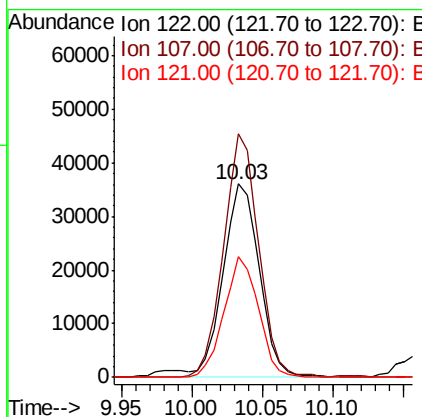
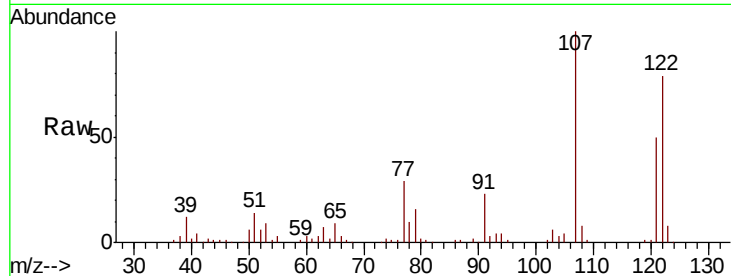




#27
 2,4-Dimethylphenol
 Concen: 50.962 ng
 RT: 10.03 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

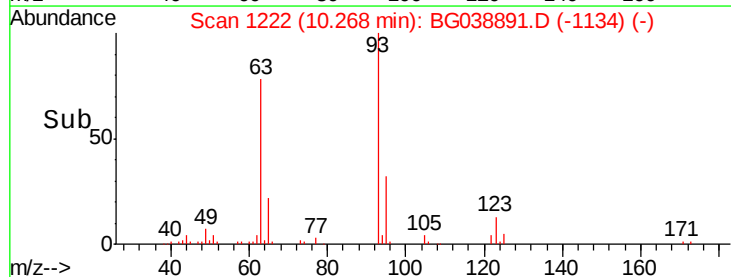
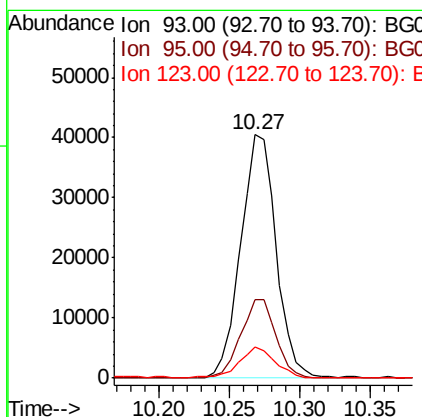
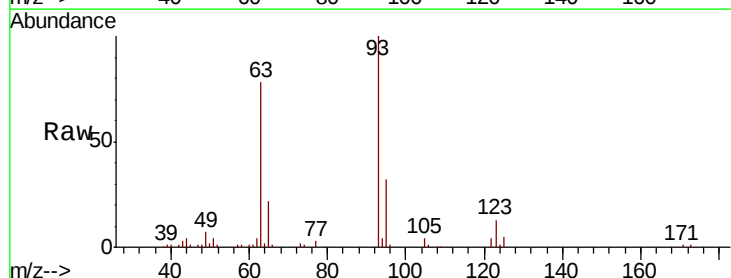
Instrument :
 BNA_G
 ClientSampleId :

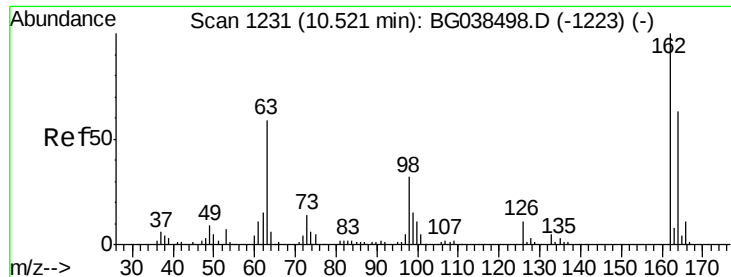
Tot Ion:122 Resp: 64089
 Ion Ratio Lower Upper
 122 100
 107 126.0 98.4 147.6
 121 62.8 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.387 ng
 RT: 10.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion: 93 Resp: 71118
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.6 40.0
 123 12.7 10.6 16.0

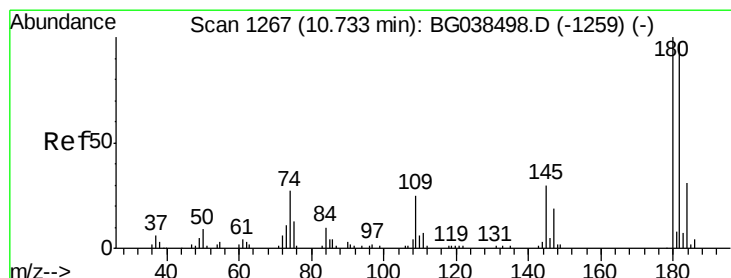
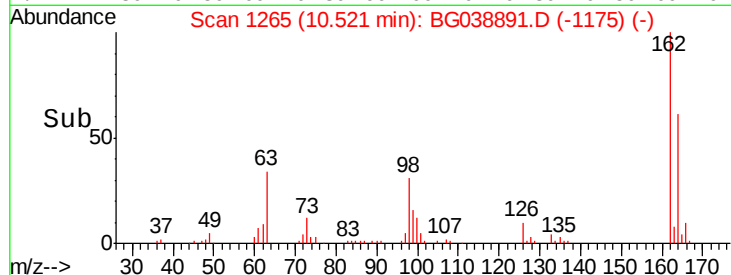
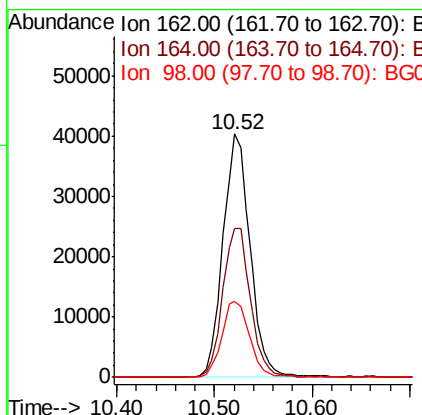
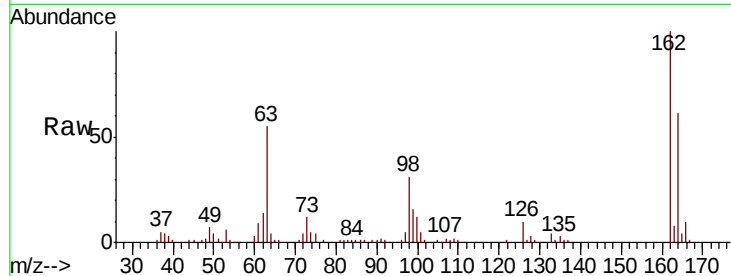




#29
 2,4-Dichlorophenol
 Concen: 55.645 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

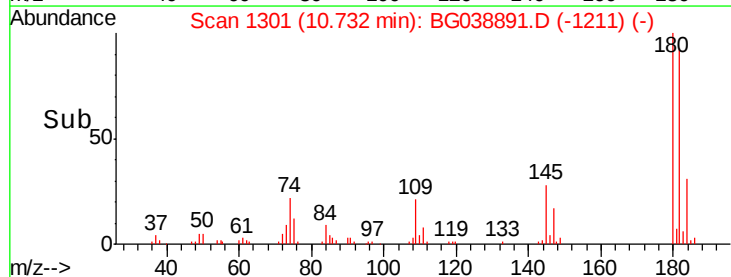
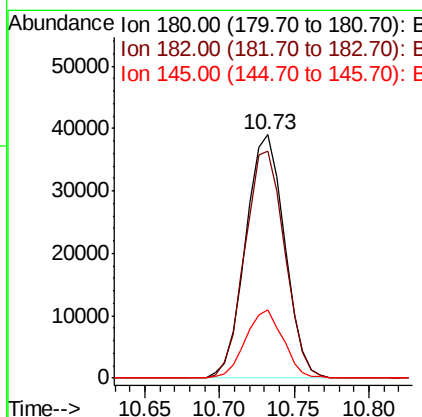
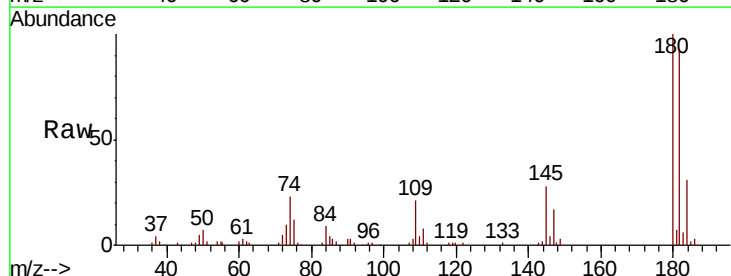
Instrument :
 BNA_G
 ClientSampleId :

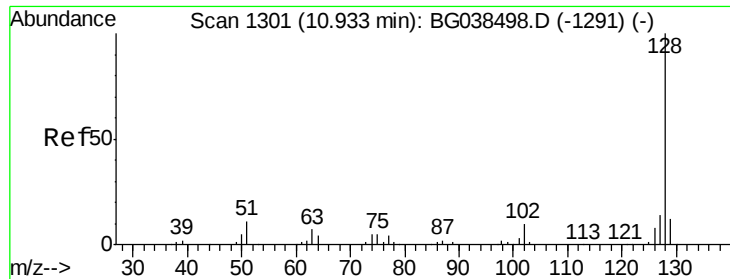
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	42.9	82.9
98	31.0	12.1	52.1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.693 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.4	116.0
145	28.2	24.1	36.1

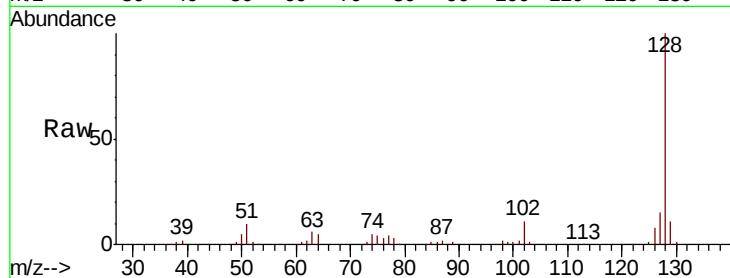




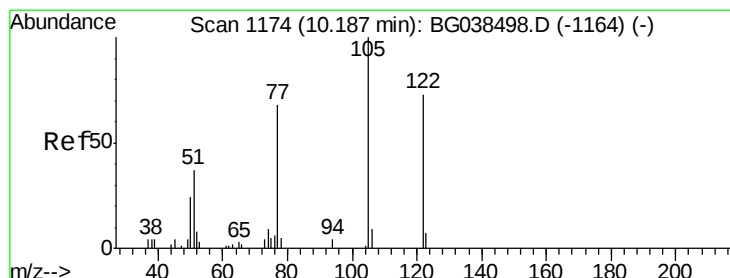
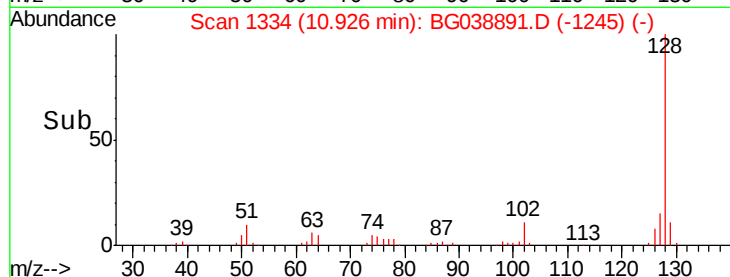
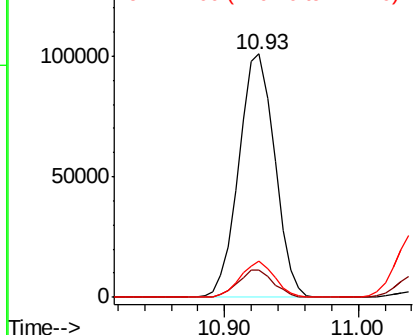
#31
Naphthalene
Concen: 43.969 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 187565
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 14.9 10.9 16.3

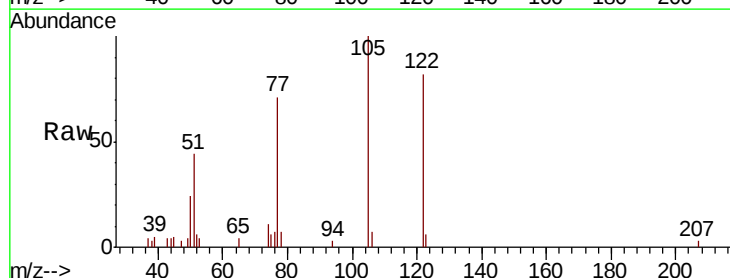


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

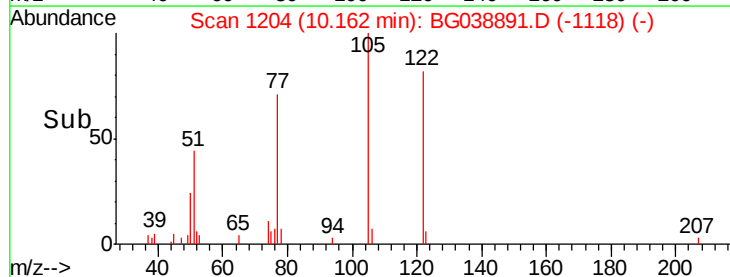
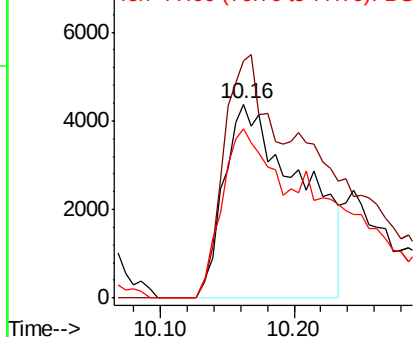


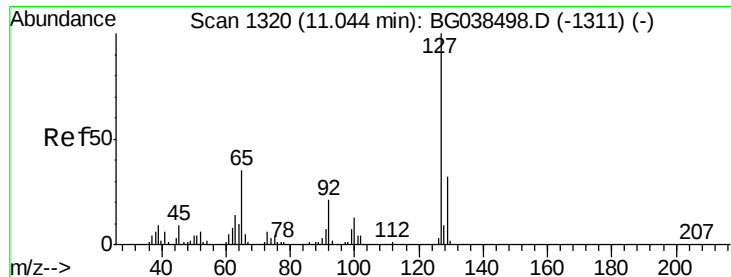
#32
Benzoic acid
Concen: 27.496 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:122 Resp: 17564
Ion Ratio Lower Upper
122 100
105 122.4 116.7 156.7
77 87.3 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): BG

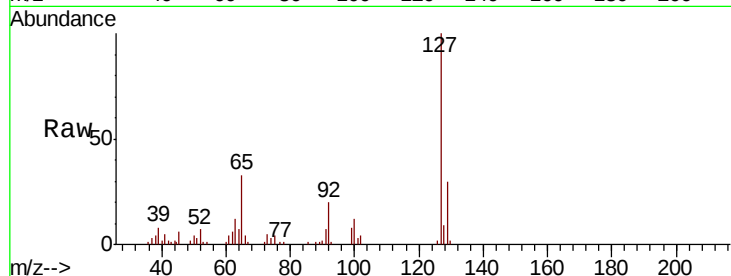




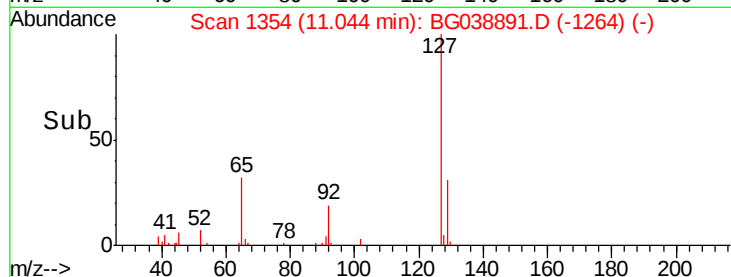
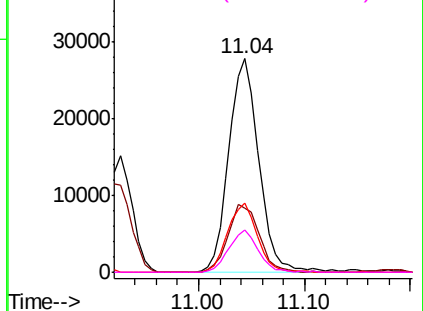
#33
4-Chloroaniline
Concen: 29.538 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	54705
Ion Ratio	Lower	Upper
127	100	
129	30.0	25.8 38.8
65	32.5	27.8 41.6
92	19.6	17.0 25.6

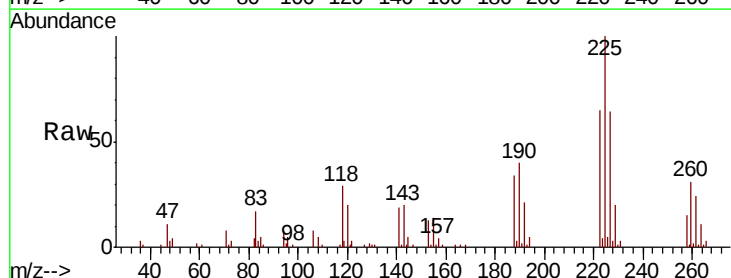


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

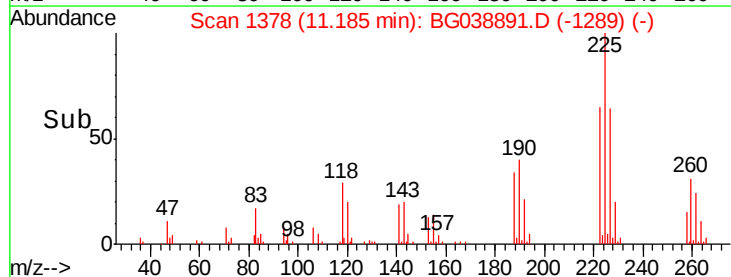
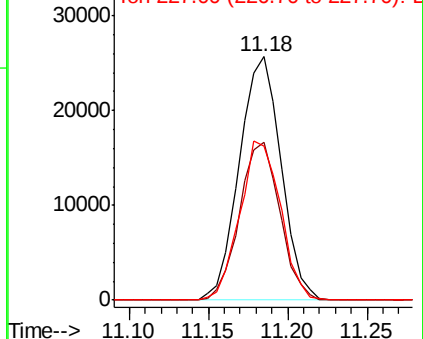


#34
Hexachlorobutadiene
Concen: 40.974 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:225	Resp:	46853
Ion Ratio	Lower	Upper
225	100	
223	68.2	45.0 67.6#
227	66.7	50.6 75.8



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

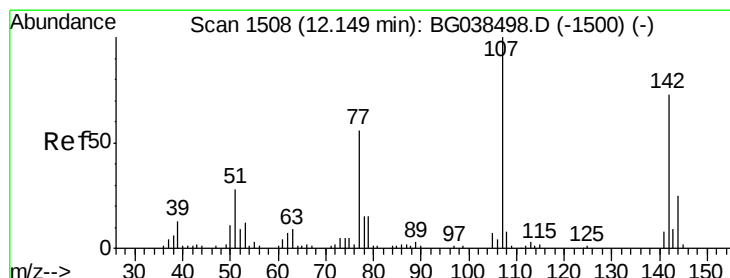
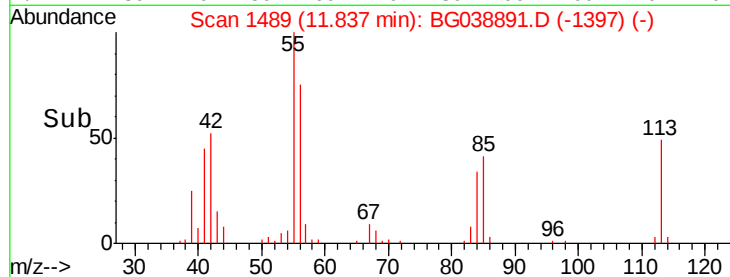
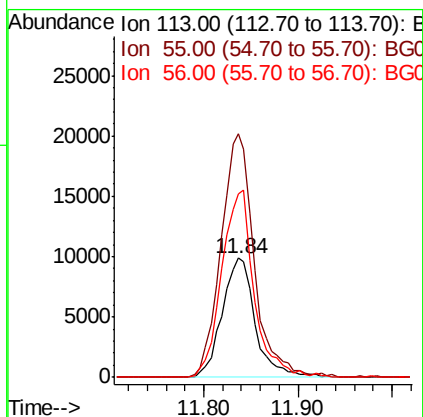
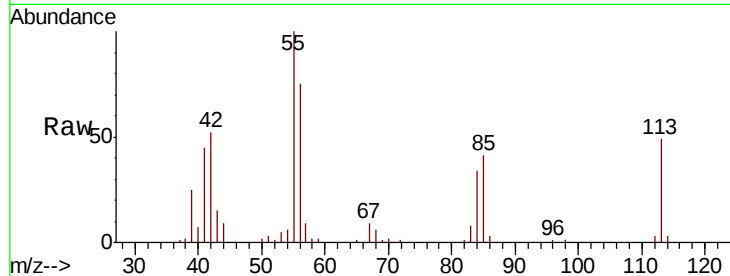




#35
 Caprolactam
 Concen: 41.538 ng
 RT: 11.84 min Scan# 1489
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

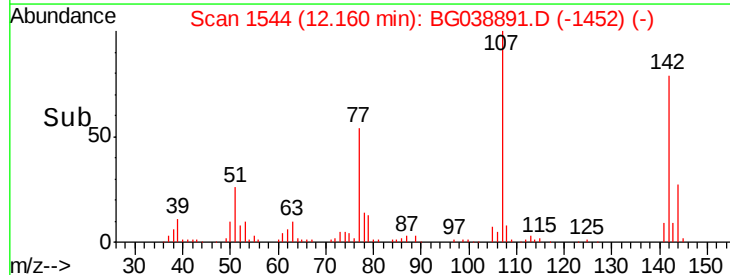
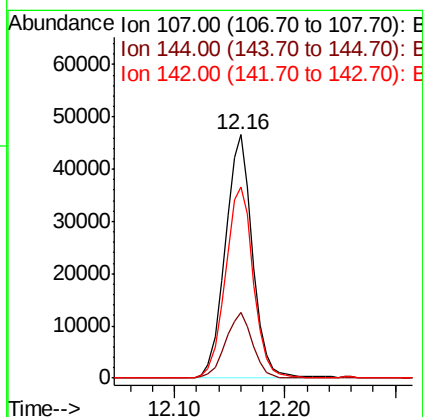
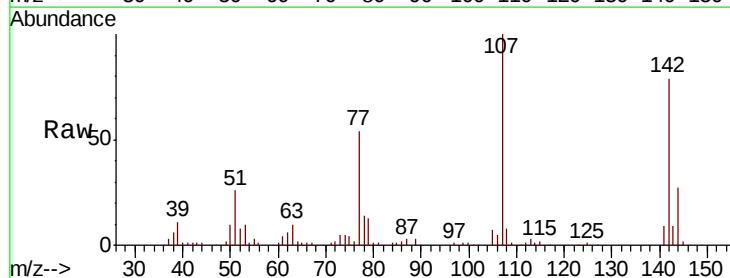
Instrument :
 BNA_G
 ClientSampled :

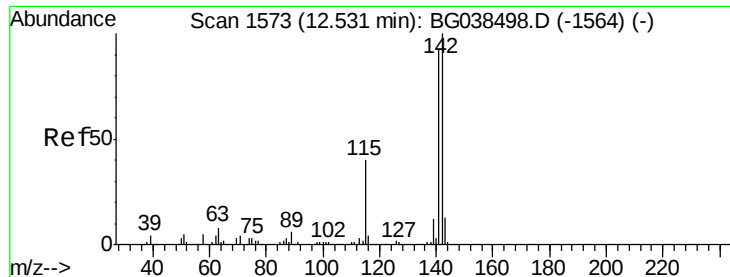
Tot Ion:113 Resp: 24050
 Ion Ratio Lower Upper
 113 100
 55 204.4 204.3 244.3
 56 153.7 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 50.441 ng
 RT: 12.16 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:107 Resp: 80531
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.1 30.1
 142 78.7 58.7 88.1

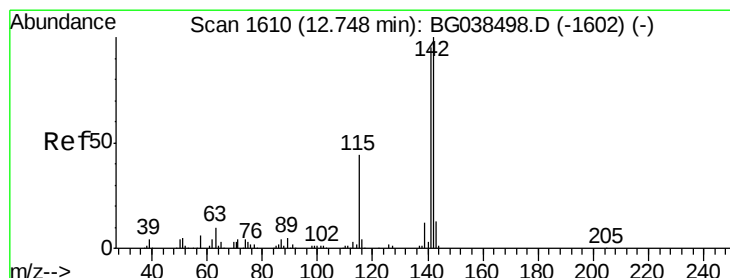
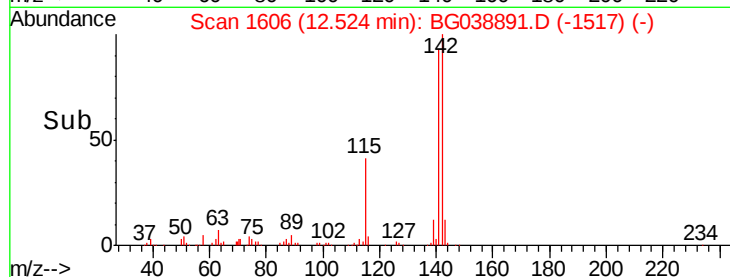
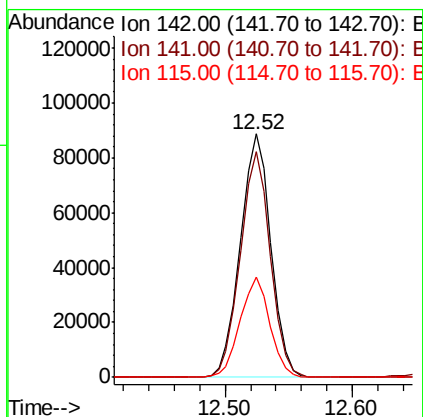
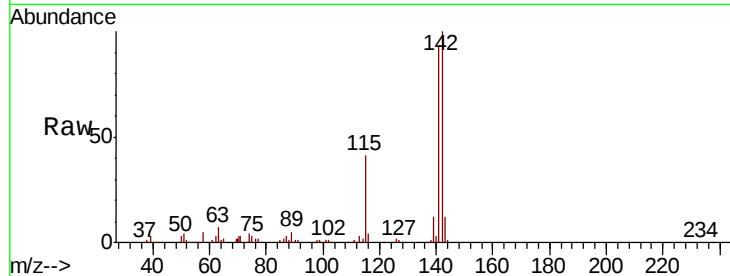




#37
2-Methylnaphthalene
Concen: 48.798 ng
RT: 12.52 min Scan# 1606
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

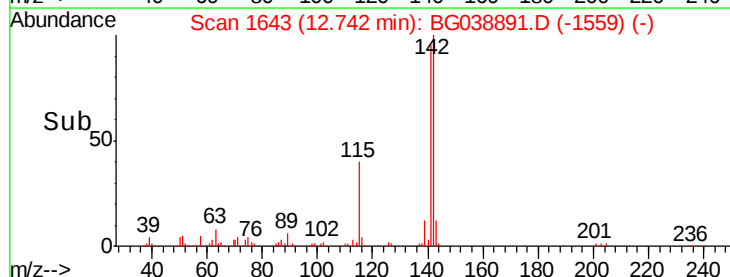
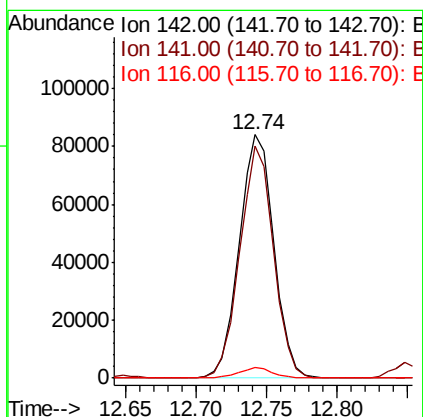
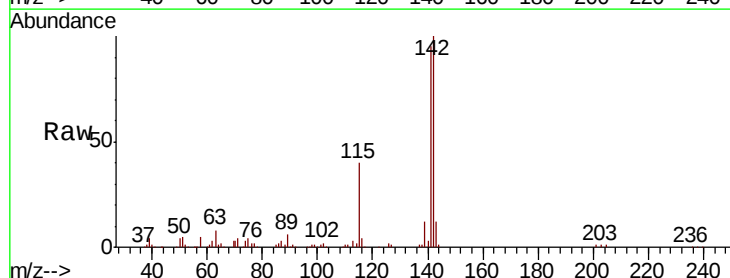
Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	73.5	110.3
115	41.3	31.7	47.5



#38
1-Methylnaphthalene
Concen: 48.688 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.3	75.8	113.8
116	4.3	3.6	5.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

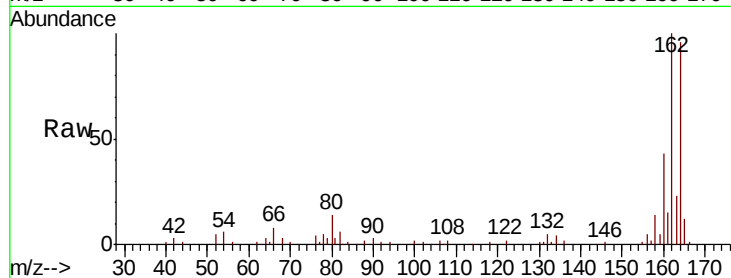
Tot Ion:164 Resp: 64022

Ion Ratio Lower Upper

164 100

162 104.6 86.6 130.0

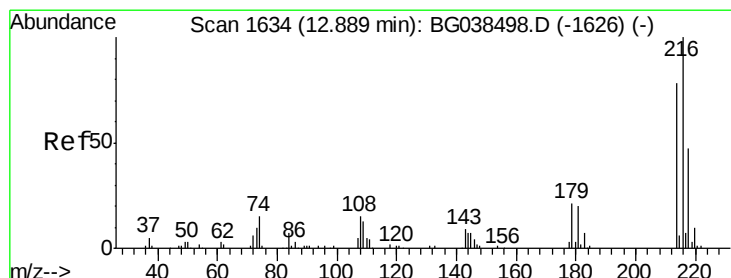
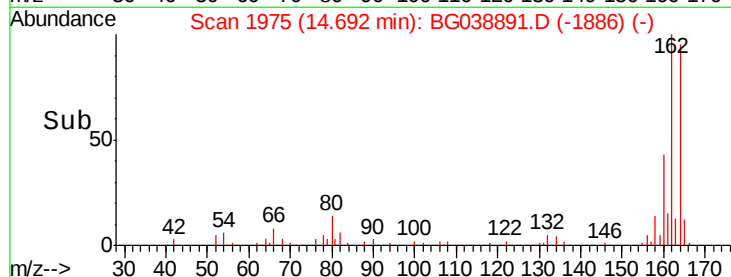
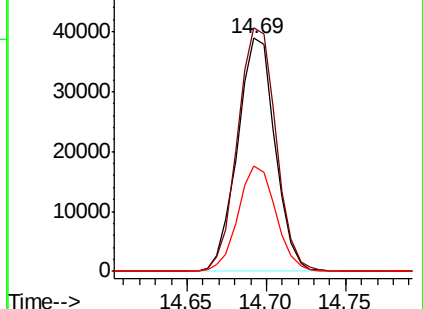
160 45.2 34.2 51.2



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: 38.543 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:216 Resp: 92237

Ion Ratio Lower Upper

216 100

214 81.1 64.1 96.1

179 20.0 16.4 24.6

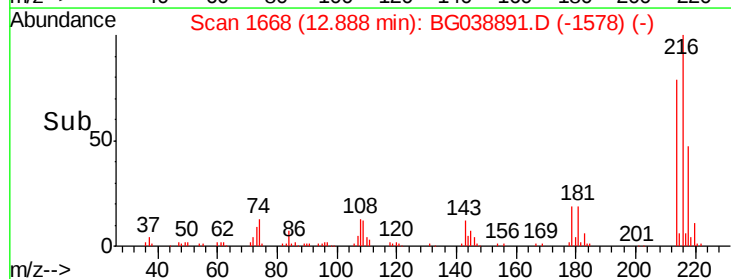
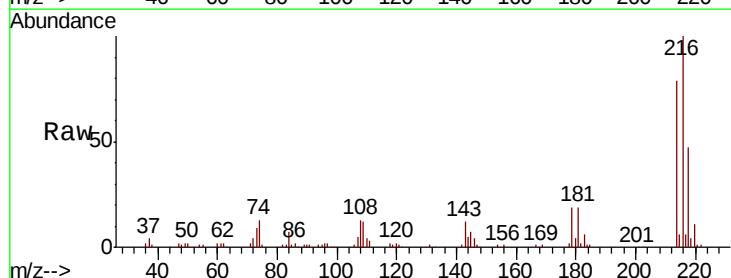
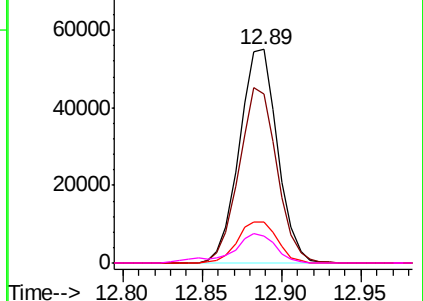
108 15.7 13.9 20.9

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: 57.336 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

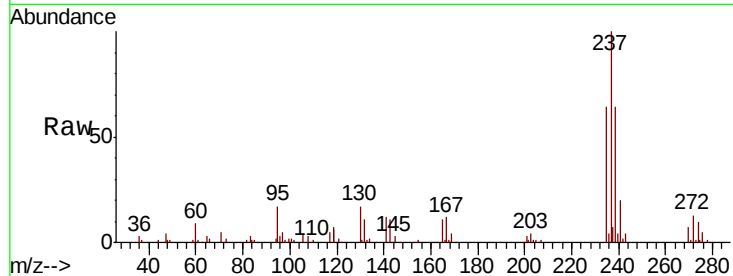
Tot Ion:237 Resp: 75383

Ion Ratio Lower Upper

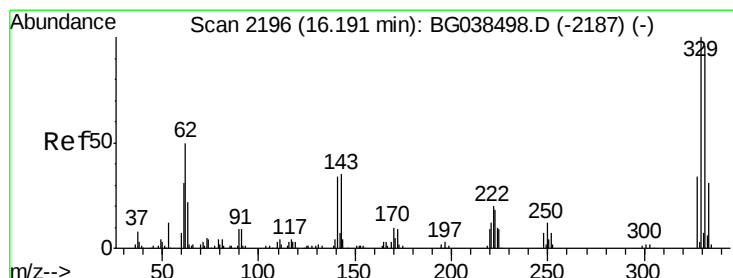
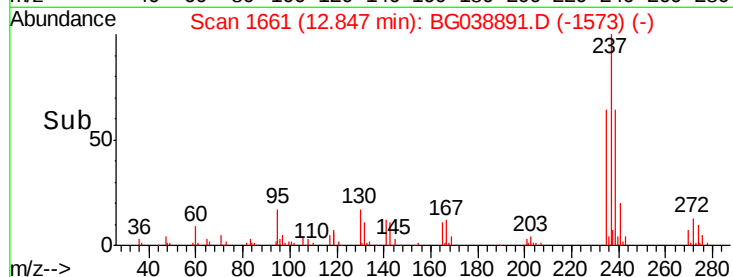
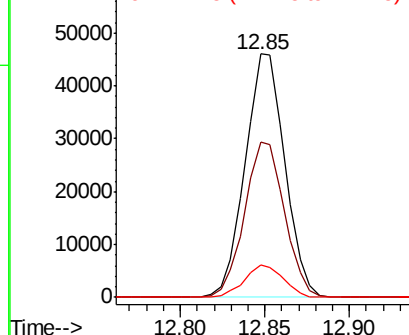
237 100

235 63.9 38.8 78.8

272 13.3 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: 155.912 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

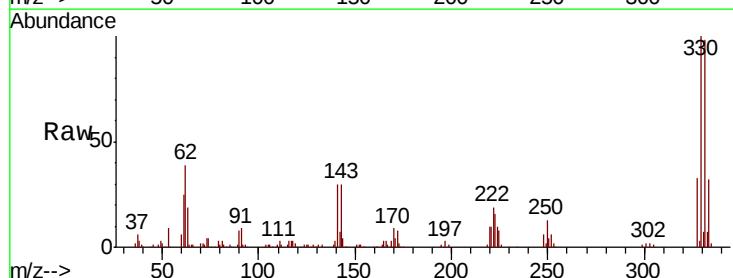
Tgt Ion:330 Resp: 137567

Ion Ratio Lower Upper

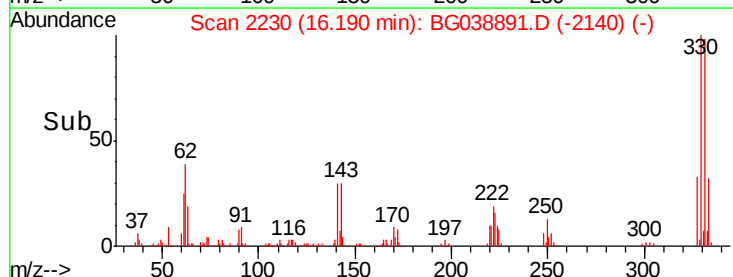
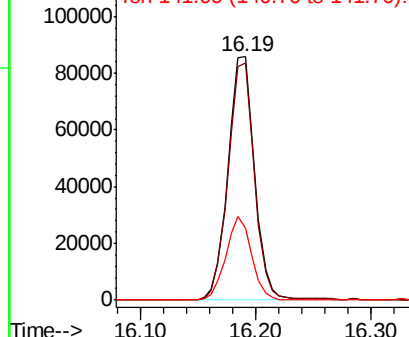
330 100

332 96.3 76.9 115.3

141 33.0 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

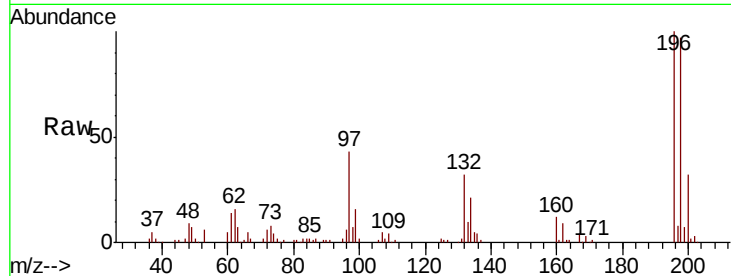




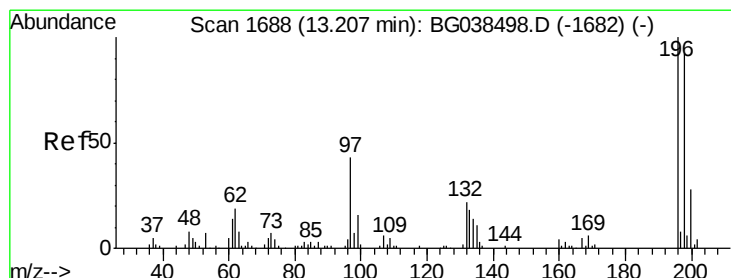
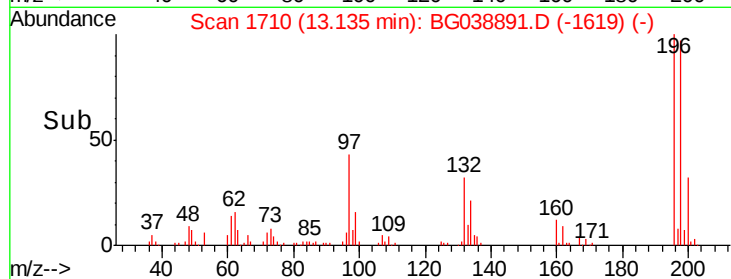
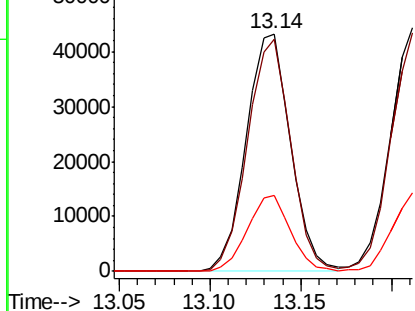
#43
 2,4,6-Trichlorophenol
 Concen: 49.856 ng
 RT: 13.14 min Scan# 1710
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 73360
 Ion Ratio Lower Upper
 196 100
 198 97.5 75.0 112.4
 200 32.1 22.4 33.6



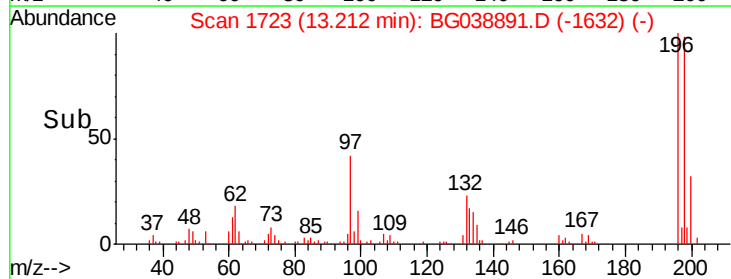
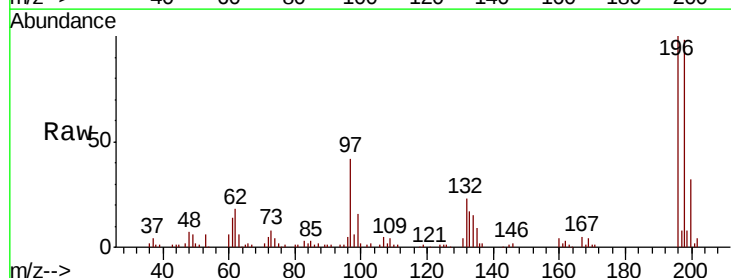
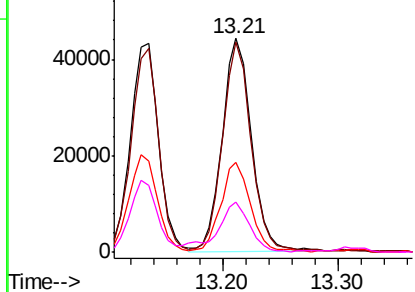
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

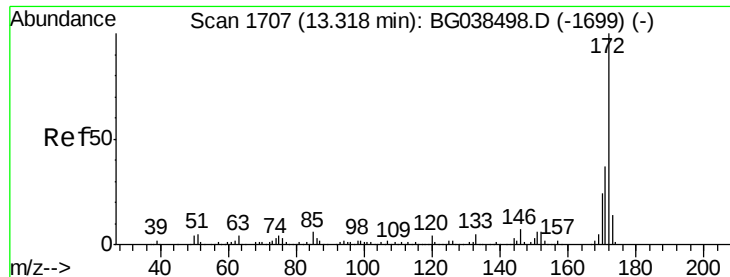


#44
 2,4,5-Trichlorophenol
 Concen: 49.868 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:196 Resp: 77690
 Ion Ratio Lower Upper
 196 100
 198 98.2 74.0 111.0
 97 41.7 35.1 52.7
 132 23.3 18.0 27.0

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





#45

2-Fluorobiphenyl

Concen: 68.861 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

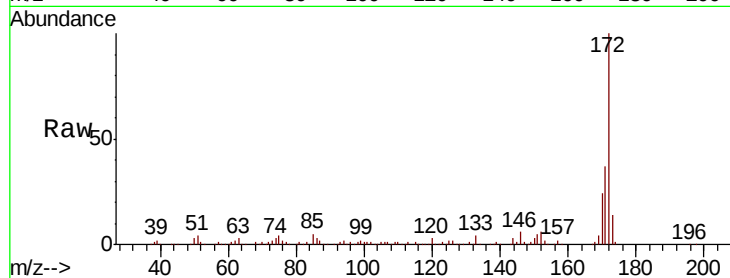
Tot Ion:172 Resp: 321365

Ion Ratio Lower Upper

172 100

171 36.8 29.8 44.6

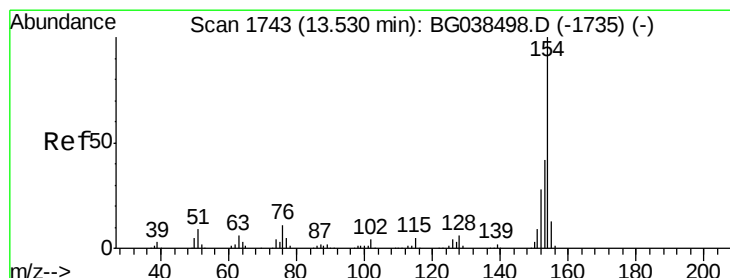
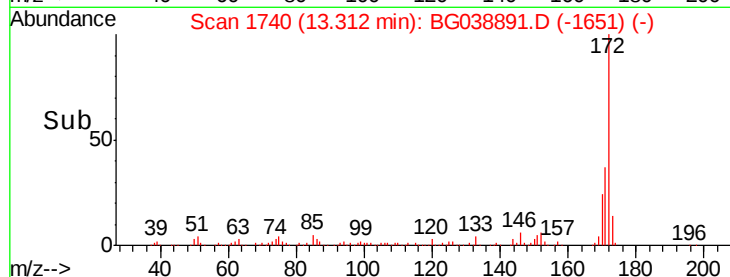
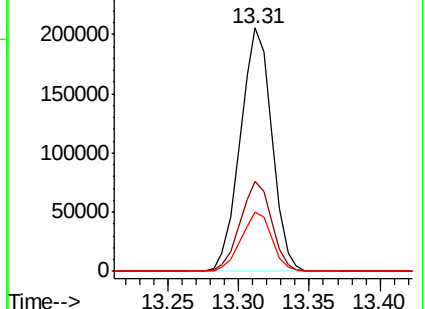
170 24.4 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 38.215 ng

RT: 13.53 min Scan# 1777

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

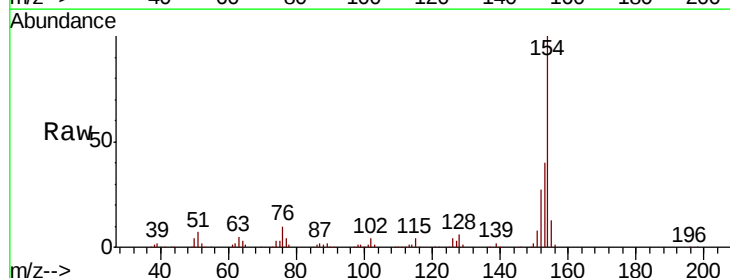
Tgt Ion:154 Resp: 205103

Ion Ratio Lower Upper

154 100

153 39.7 22.1 62.1

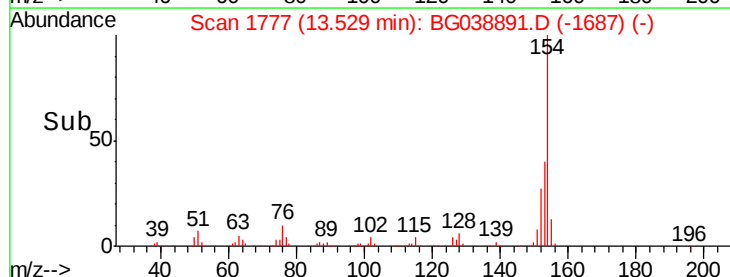
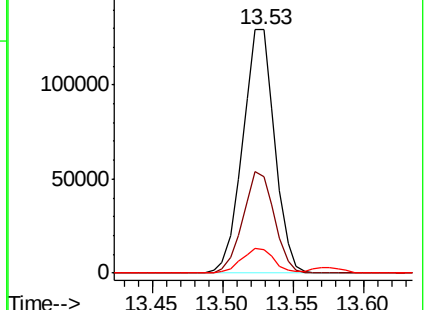
76 9.6 0.0 31.2



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

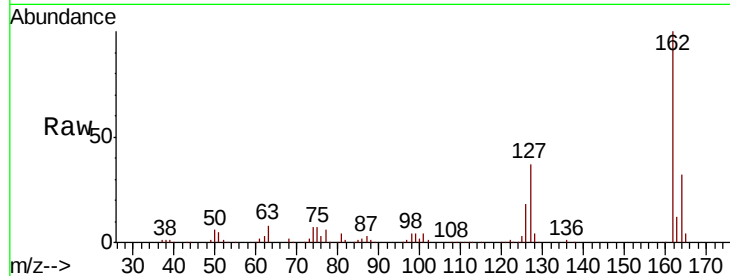




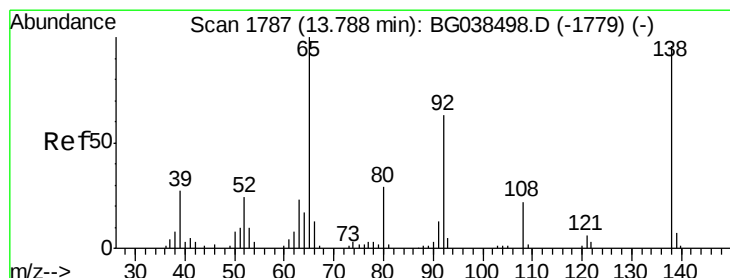
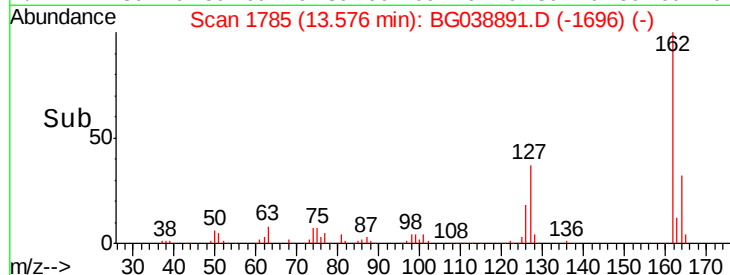
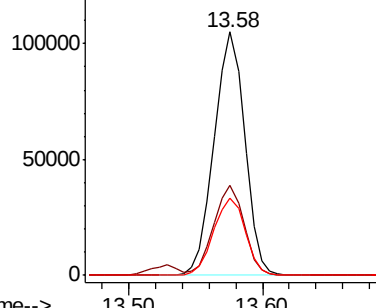
#47
 2-Chloronaphthalene
 Concen: 40.095 ng
 RT: 13.58 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	162	Resp	166228
Ion Ratio	Lower	Upper	
162	100		
127	37.0	27.8	41.8
164	31.6	26.9	40.3

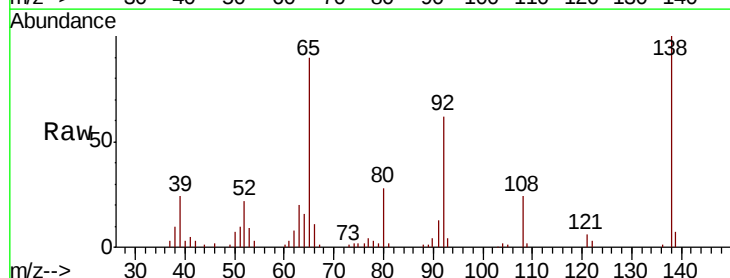


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

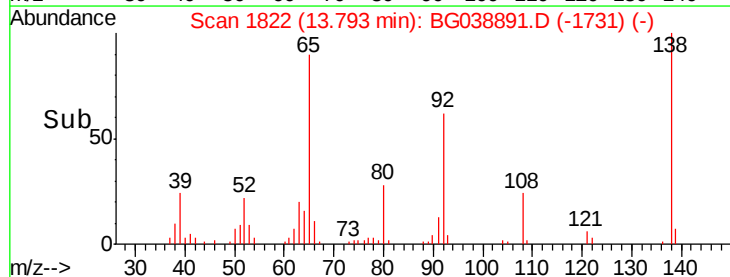
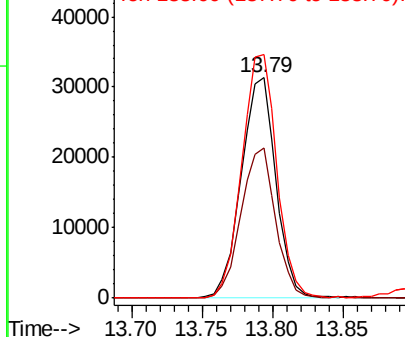


#48
 2-Nitroaniline
 Concen: 40.841 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	65	Resp	53932
Ion Ratio	Lower	Upper	
65	100		
92	68.1	50.0	75.0
138	110.5	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: 44.229 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampled :

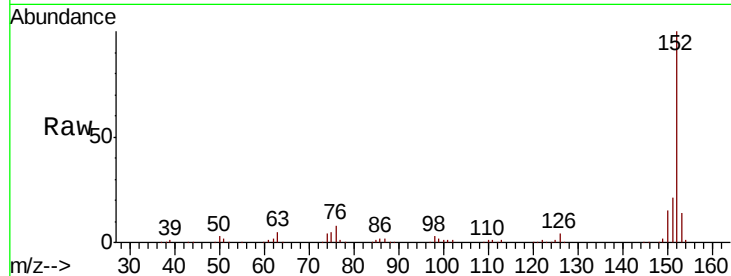
Tot Ion:152 Resp: 274122

Ion Ratio Lower Upper

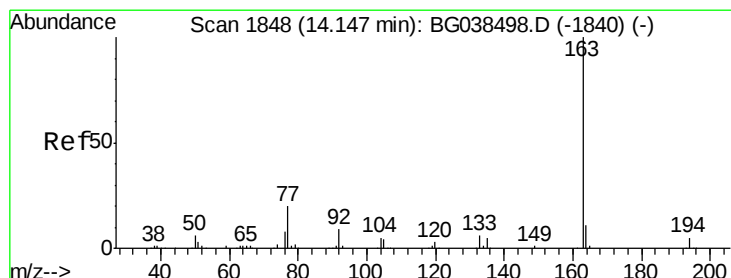
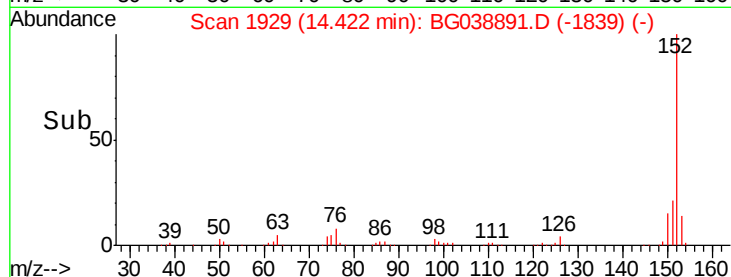
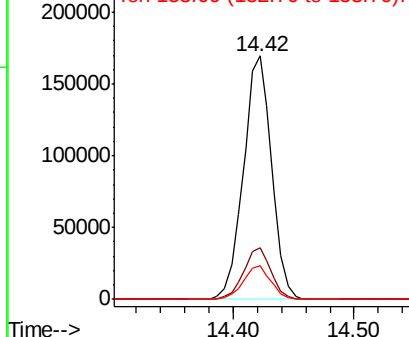
152 100

151 21.2 16.4 24.6

153 14.0 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: 42.847 ng

RT: 14.15 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

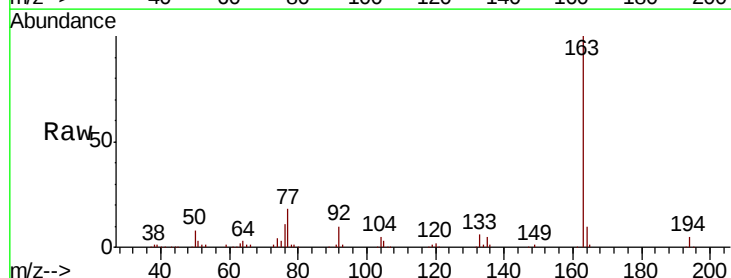
Tgt Ion:163 Resp: 224014

Ion Ratio Lower Upper

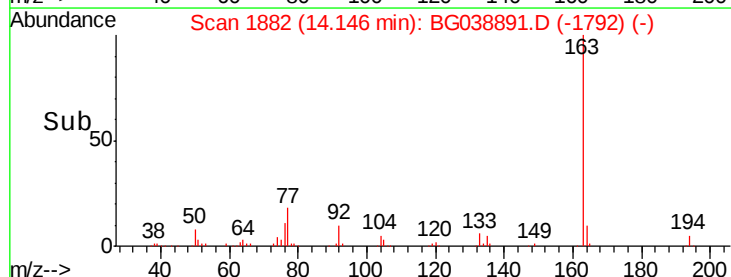
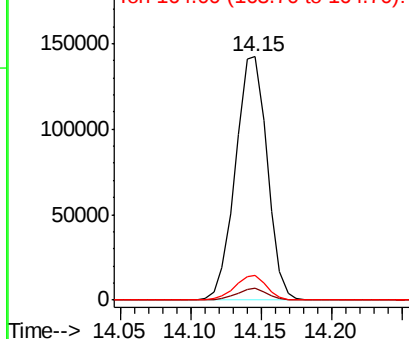
163 100

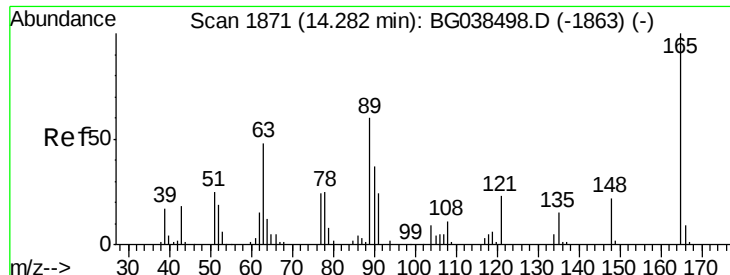
194 4.8 3.7 5.5

164 10.3 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

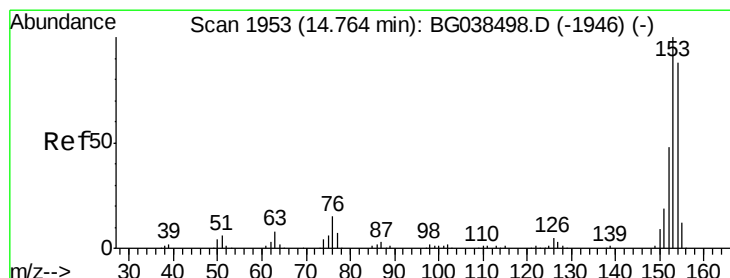
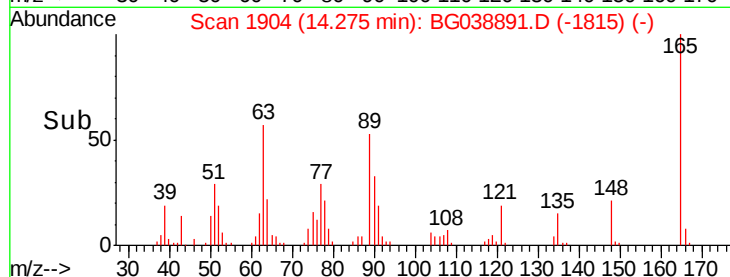
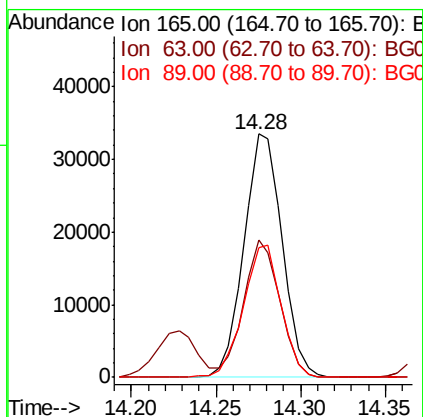
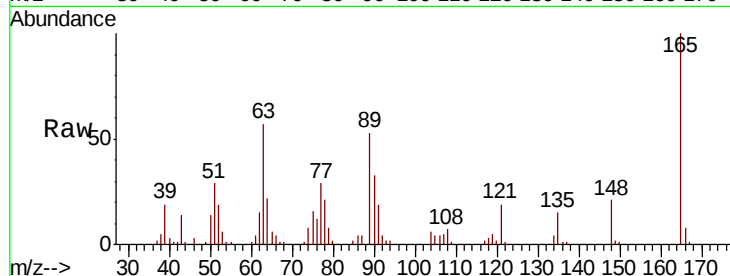




#51
 2,6-Dinitrotoluene
 Concen: 44.338 ng
 RT: 14.28 min Scan# 1904
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

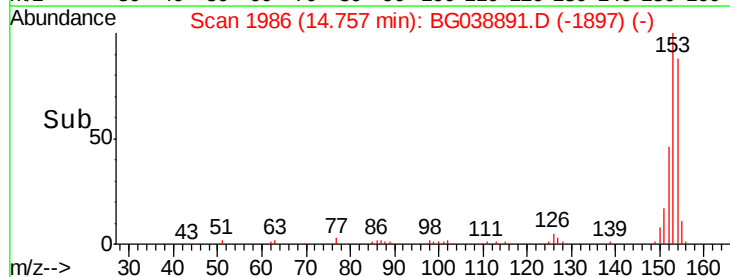
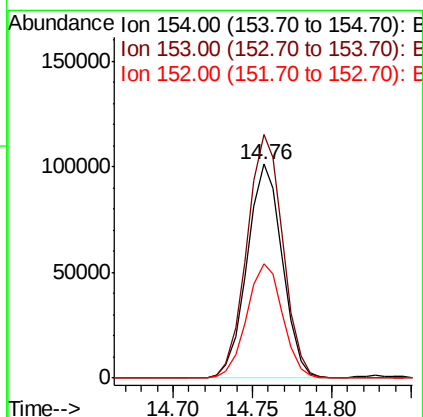
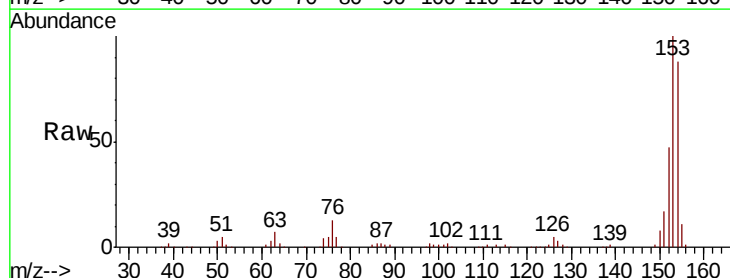
Instrument :
 BNA_G
 ClientSampled :

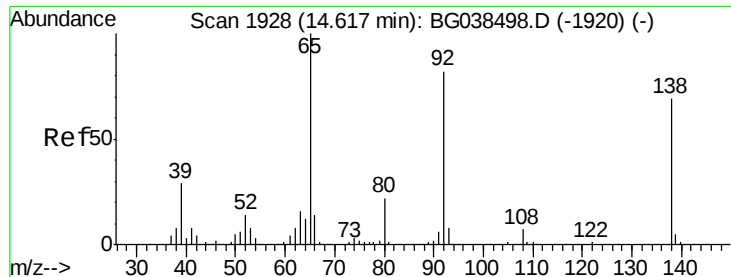
Tot Ion:165 Resp: 52532
 Ion Ratio Lower Upper
 165 100
 63 56.6 51.8 77.6
 89 53.2 47.9 71.9



#52
 Acenaphthene
 Concen: 42.255 ng
 RT: 14.76 min Scan# 1986
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:154 Resp: 156601
 Ion Ratio Lower Upper
 154 100
 153 113.9 90.6 136.0
 152 53.2 43.5 65.3

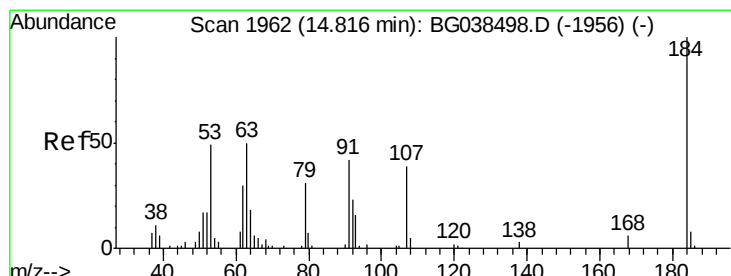
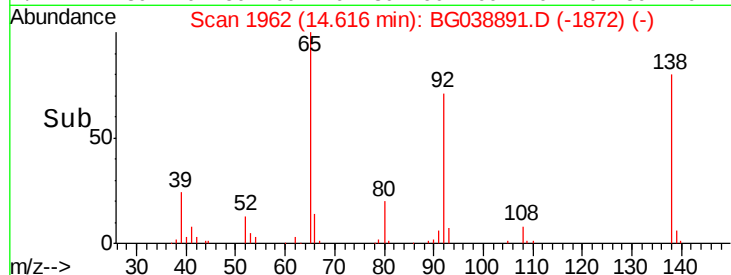
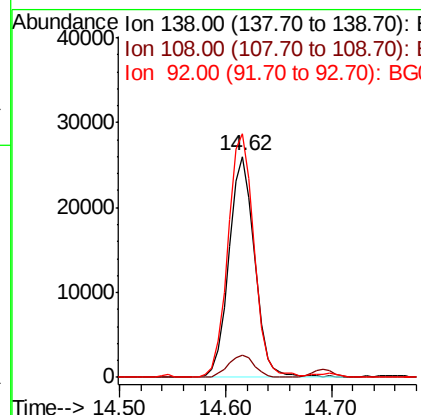
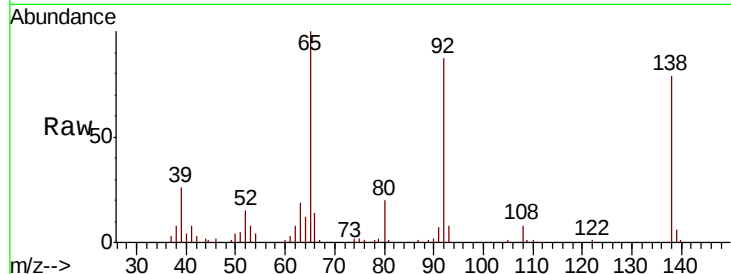




#53
 3-Nitroaniline
 Concen: 36.071 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

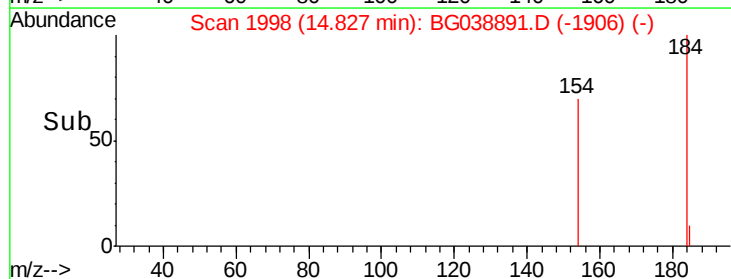
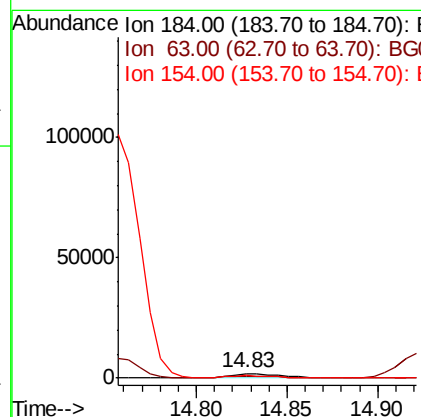
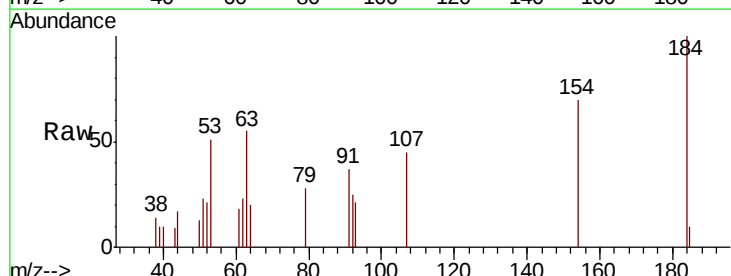
Instrument :
 BNA_G
 ClientSampled :

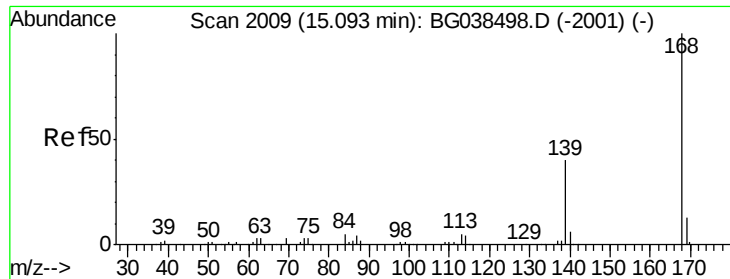
Tot Ion:138 Resp: 43566
 Ion Ratio Lower Upper
 138 100
 108 10.1 7.9 11.9
 92 110.4 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 10.221 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:184 Resp: 3799
 Ion Ratio Lower Upper
 184 100
 63 54.7 47.0 70.6
 154 69.6 50.3 75.5

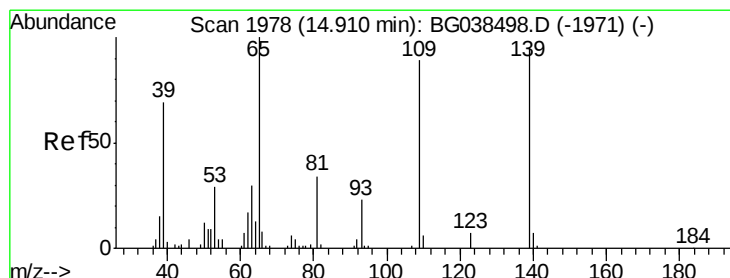
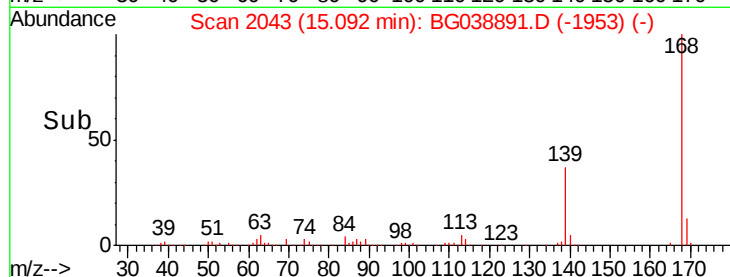
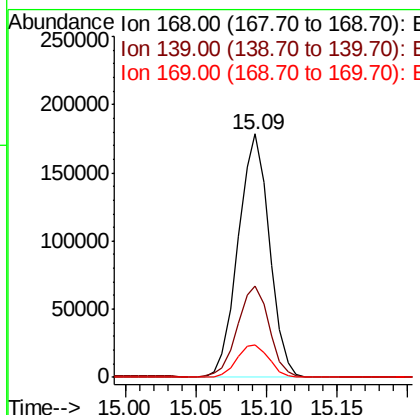
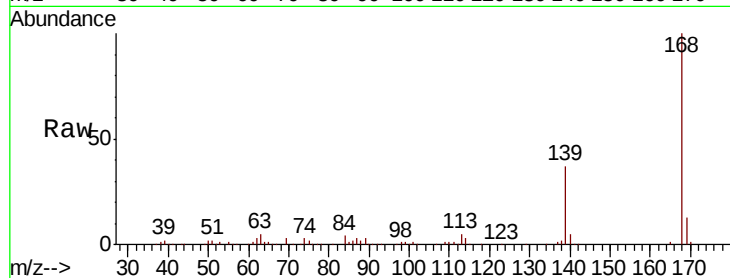




#55
Dibenzenofuran
Concen: 43.415 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

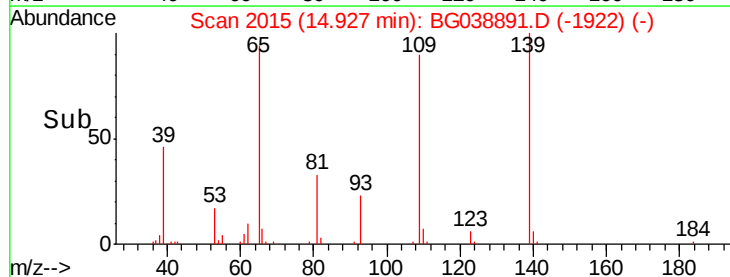
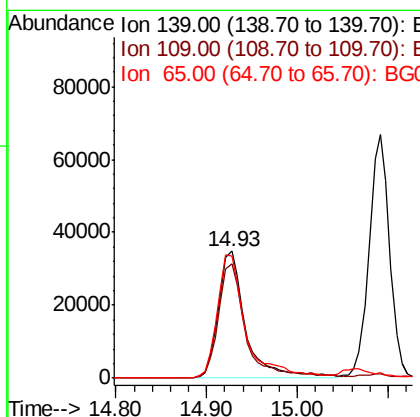
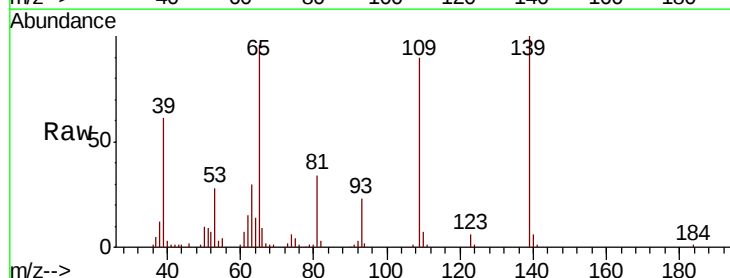
Instrument :
BNA_G
ClientSampleId :

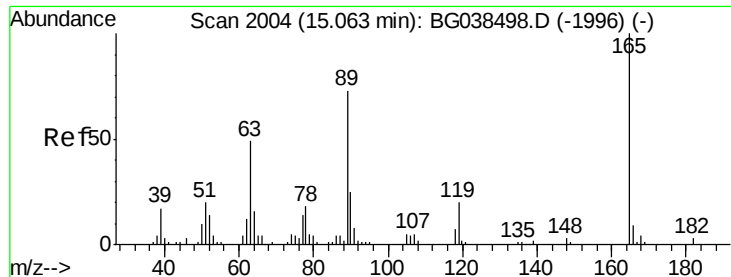
Tot Ion:168 Resp: 275806
Ion Ratio Lower Upper
168 100
139 37.4 32.2 48.2
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 79.208 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:139 Resp: 72574
Ion Ratio Lower Upper
139 100
109 90.0 73.6 113.6
65 95.8 84.8 124.8

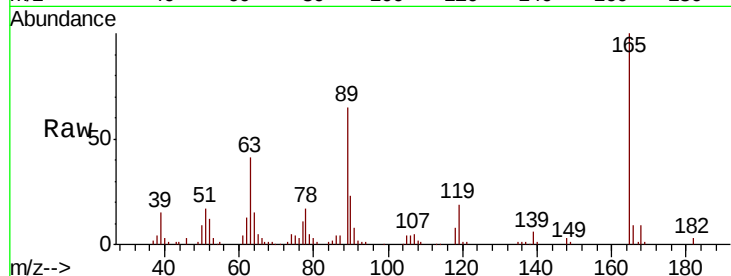




#57
2,4-Dinitrotoluene
Concen: 44.503 ng
RT: 15.06 min Scan# 2038
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.4	39.0	58.4
89	64.5	58.0	87.0
182	3.1	2.3	3.5



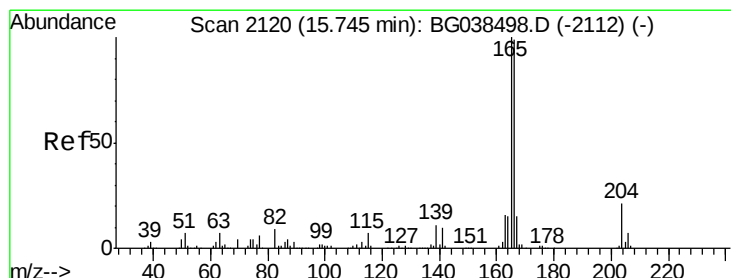
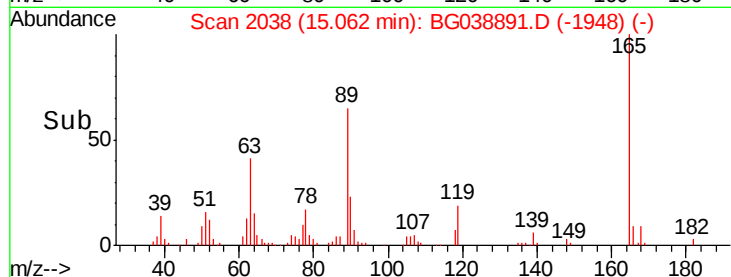
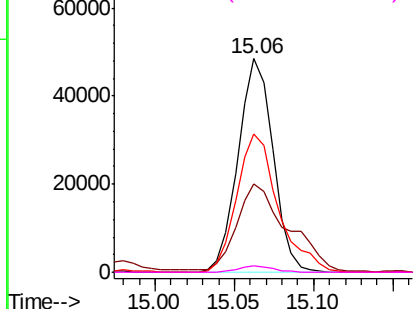
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

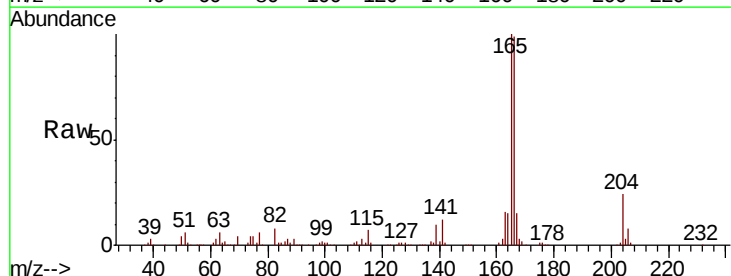
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 46.855 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.3	80.6	120.8
167	14.7	12.0	18.0

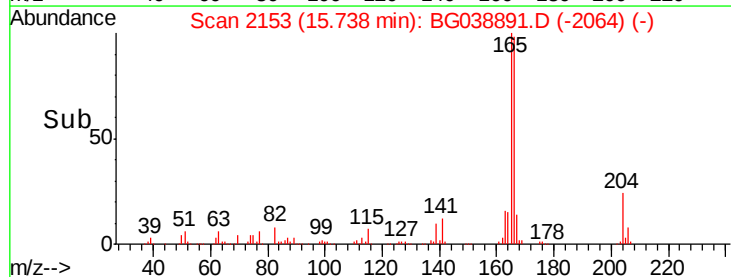
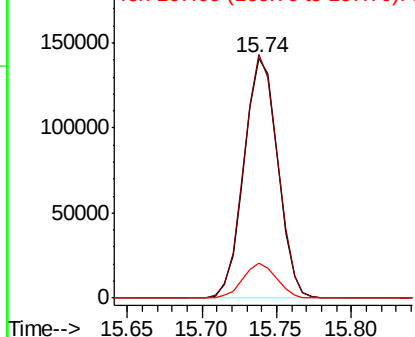


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

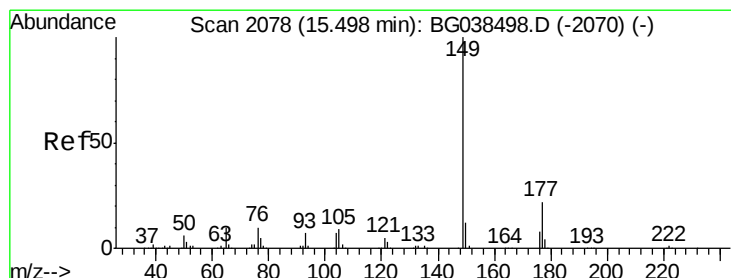
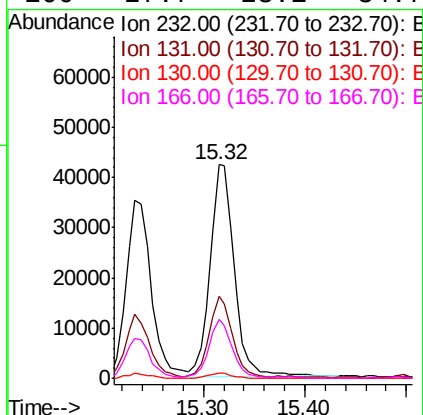
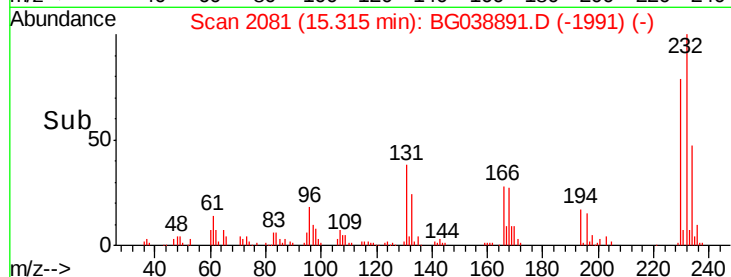
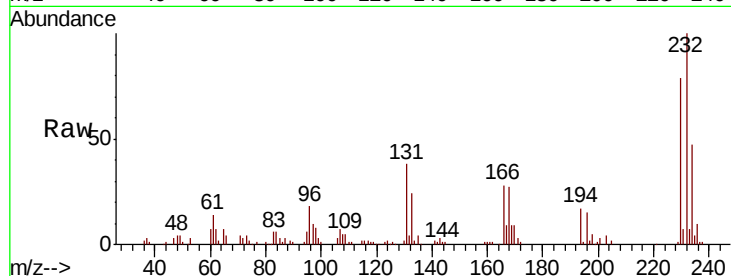




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 50.240 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

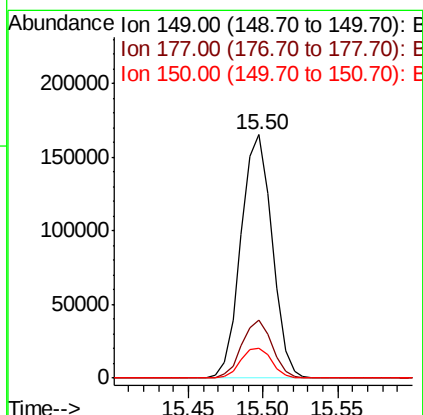
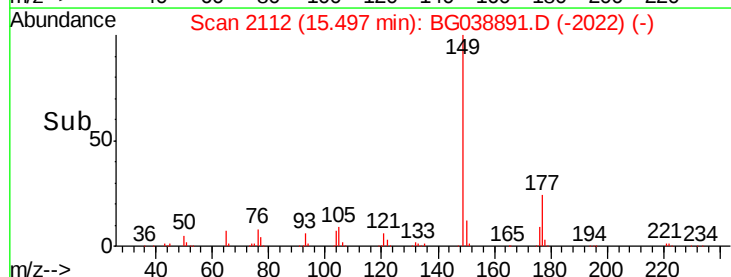
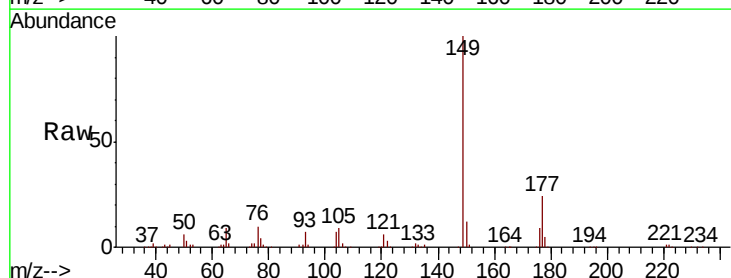
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	70419
Ion	Ratio	Lower Upper
232	100	
131	37.7	33.0 49.4
130	2.4	2.0 3.0
166	27.7	23.1 34.7



#60
 Diethylphthalate
 Concen: 41.521 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:149	Resp:	238311
Ion	Ratio	Lower Upper
149	100	
177	24.1	17.7 26.5
150	12.3	9.9 14.9

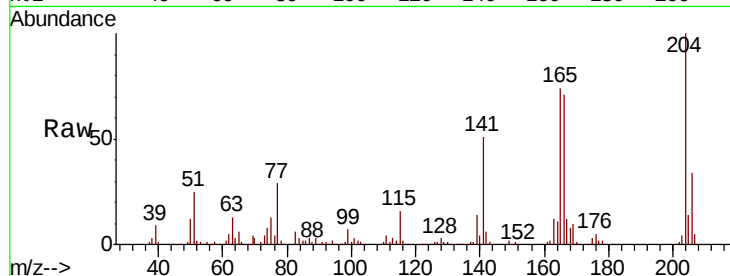




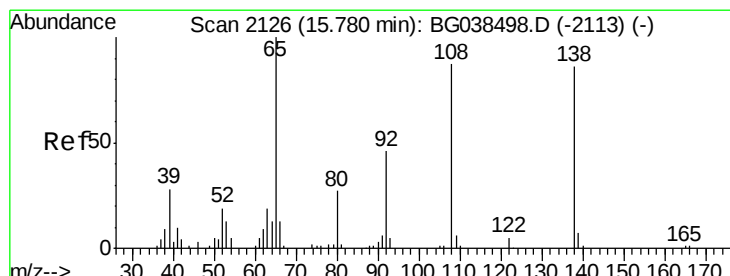
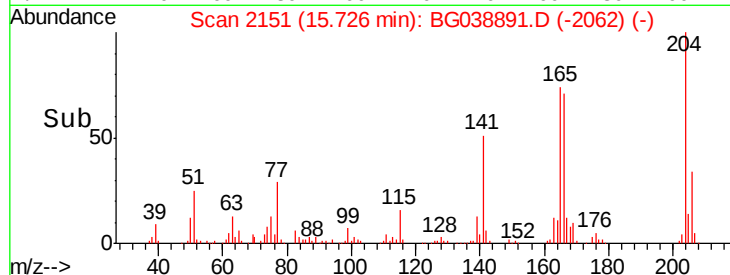
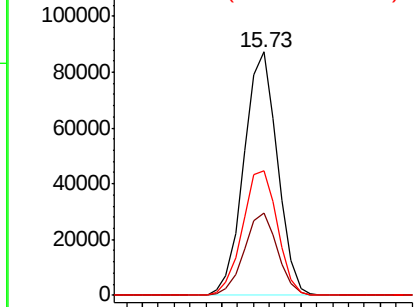
#61
 4-Chlorophenyl-phenylether
 Concen: 43.604 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.0	39.0
141	51.1	44.4	66.6

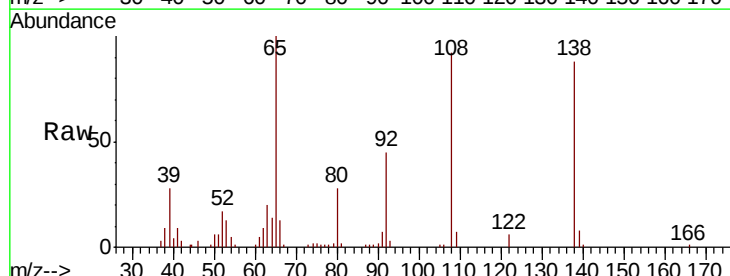


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

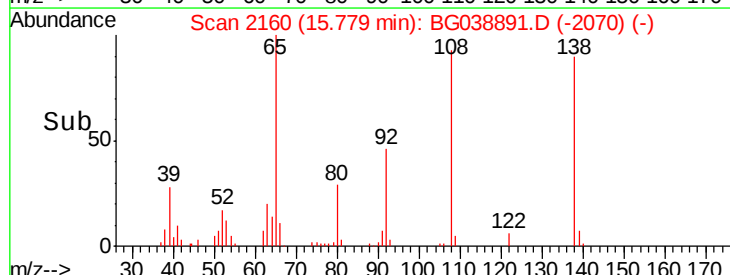
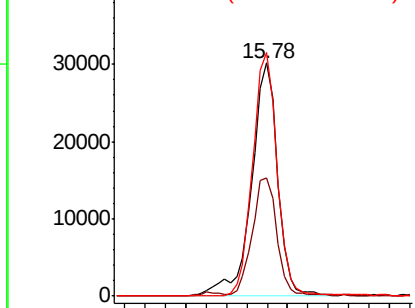


#62
 4-Nitroaniline
 Concen: 43.646 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.0	33.3	73.3
108	104.6	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

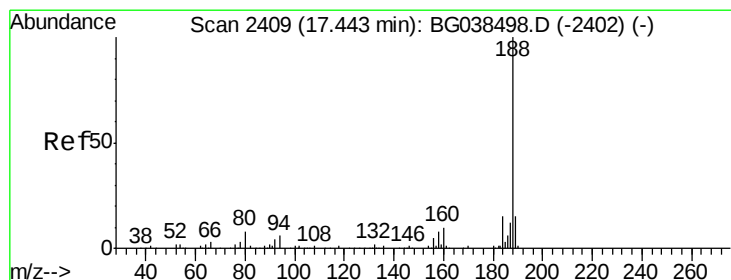
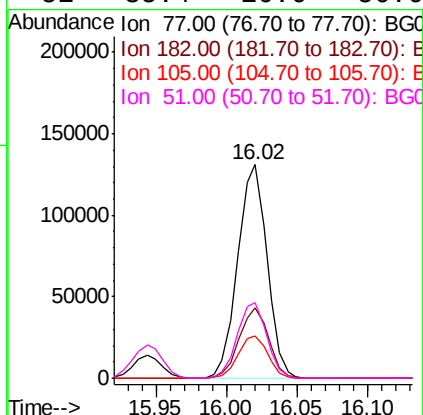
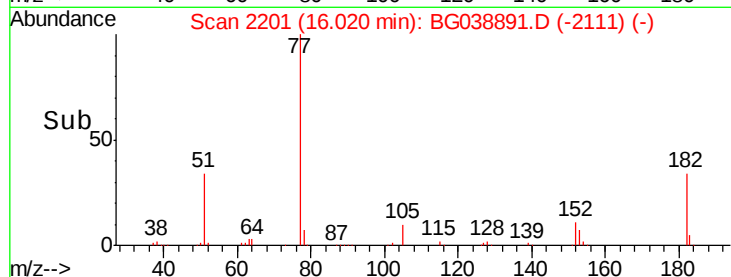
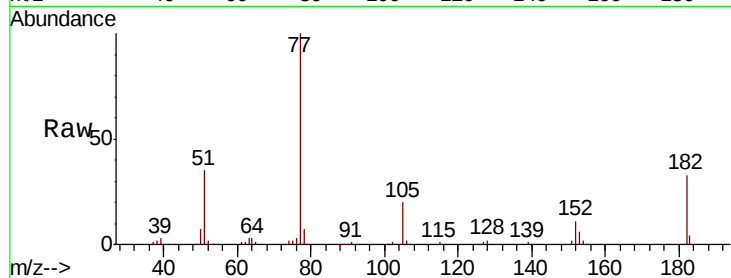




#63
Azobenzene
Concen: 39.838 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

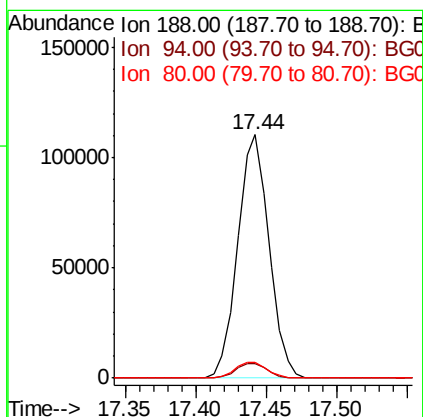
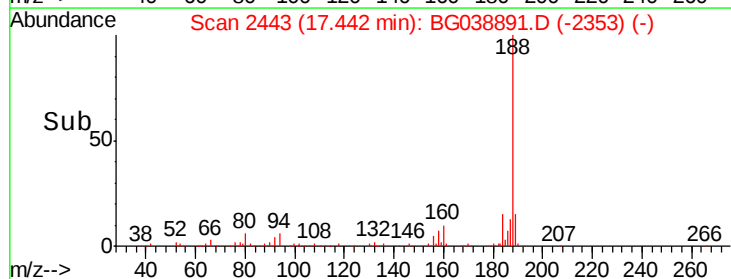
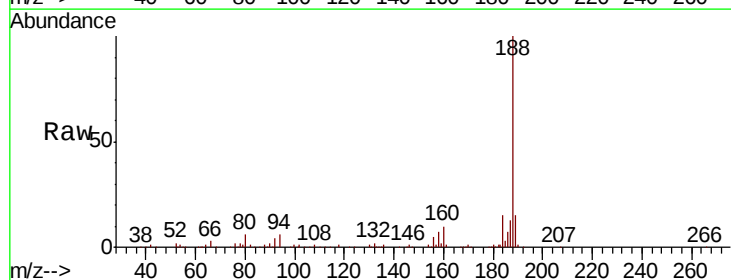
Instrument :
BNA_G
ClientSampleId :

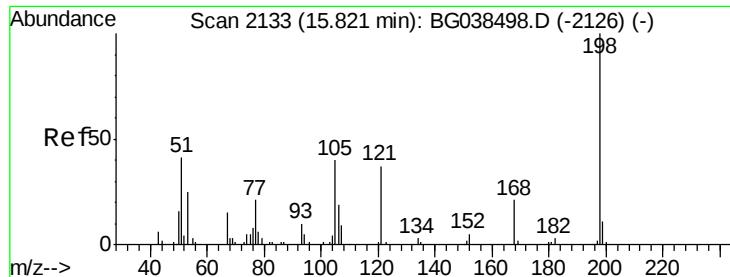
Tot Ion:	77	Resp:	191013
Ion	Ratio	Lower	Upper
77	100		
182	32.7	8.7	48.7
105	19.7	0.0	38.7
51	35.4	16.6	56.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:	188	Resp:	170969
Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.5	6.1	9.1

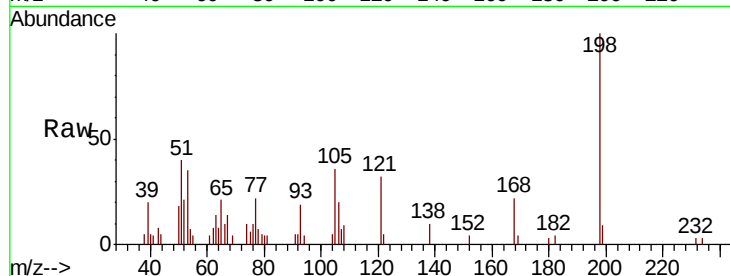




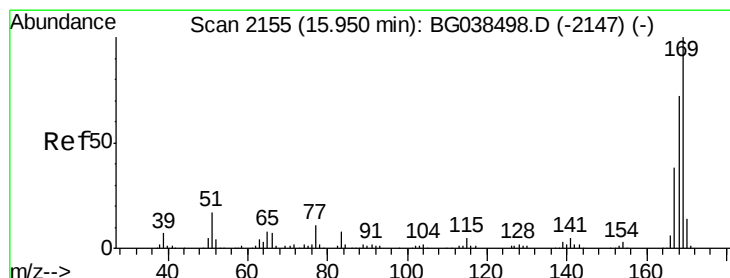
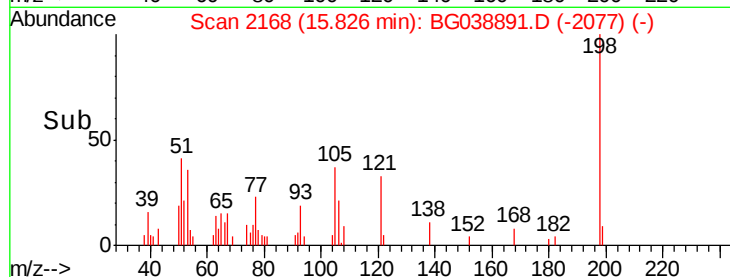
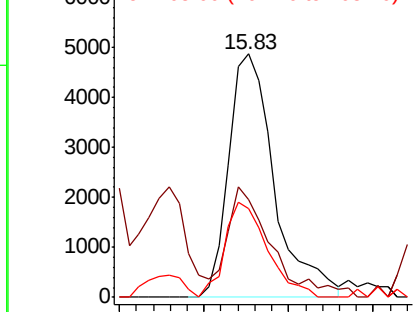
#65
4,6-Dinitro-2-methylphenol
Concen: 7.525 ng
RT: 15.83 min Scan# 2168
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 9178
Ion Ratio Lower Upper
198 100
51 40.0 28.6 68.6
105 36.2 20.4 60.4

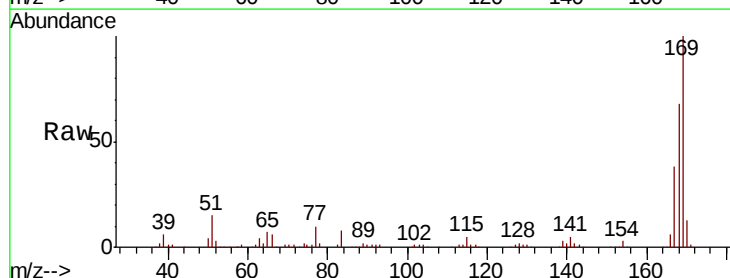


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E

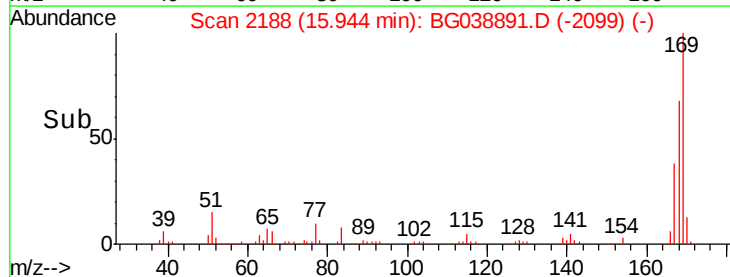
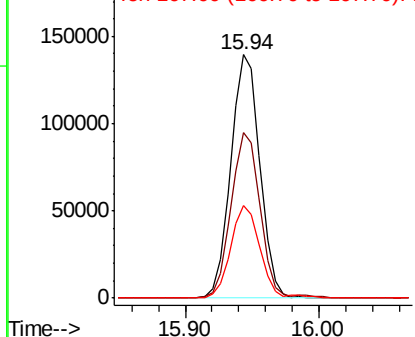


#66
n-Nitrosodiphenylamine
Concen: 41.981 ng
RT: 15.94 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:169 Resp: 210889
Ion Ratio Lower Upper
169 100
168 67.7 57.5 86.3
167 37.9 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

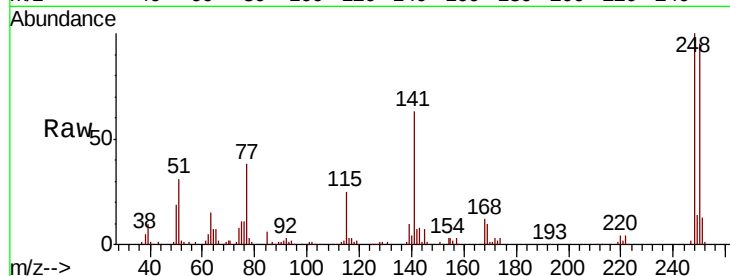




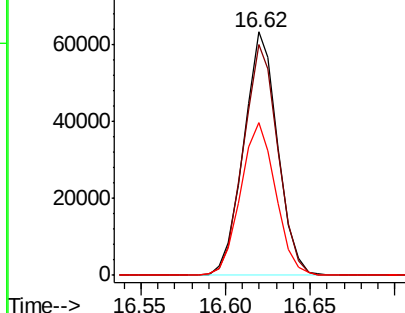
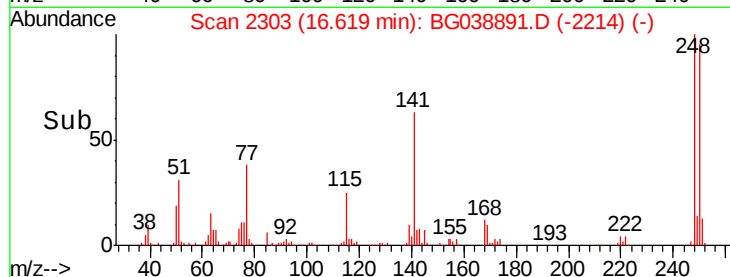
#67
4-Bromophenyl-phenylether
Concen: 42.331 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 88389
Ion Ratio Lower Upper
248 100
250 94.7 73.4 110.2
141 62.9 52.9 79.3

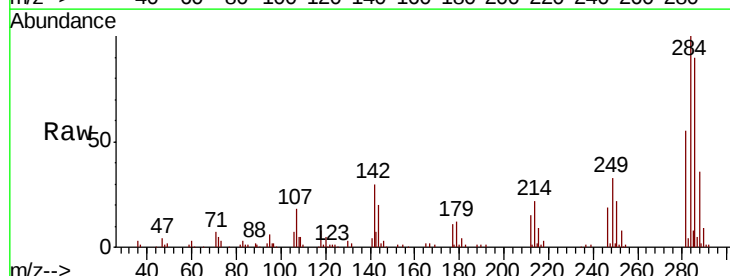


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

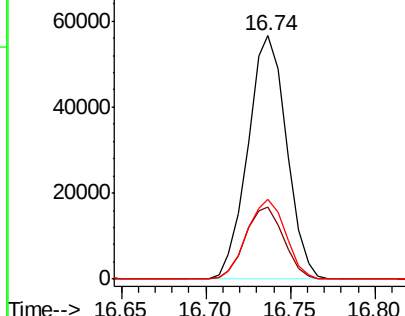
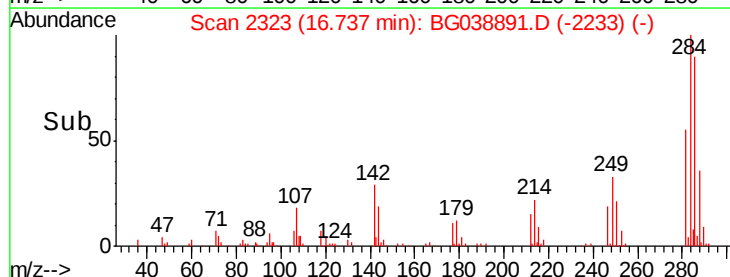


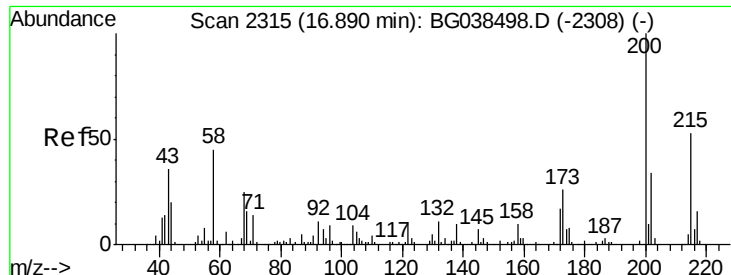
#68
Hexachlorobenzene
Concen: 41.632 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:284 Resp: 90112
Ion Ratio Lower Upper
284 100
142 29.6 25.8 38.6
249 35.0 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: 46.217 ng

RT: 16.89 min Scan# 2349

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

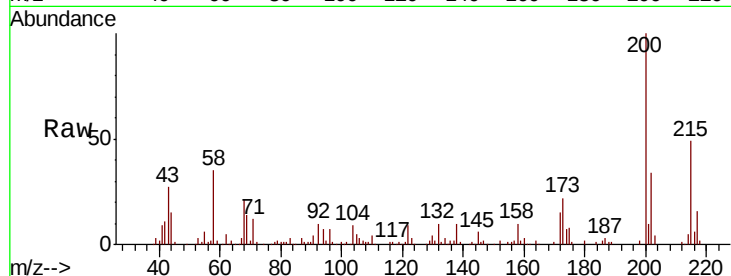
Tot Ion:200 Resp: 86160

Ion Ratio Lower Upper

200 100

173 22.1 5.9 45.9

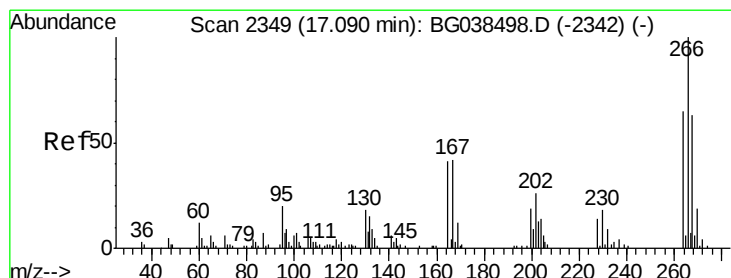
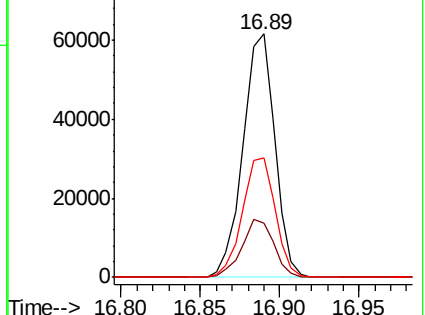
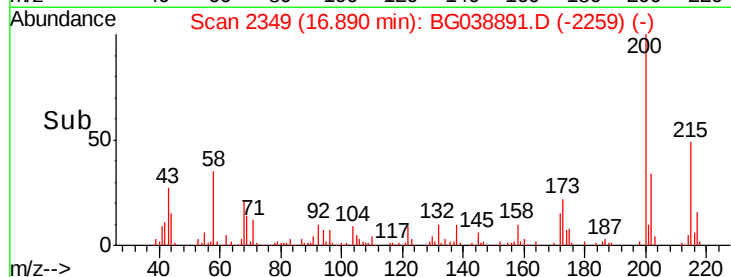
215 48.9 33.1 73.1



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: 29.217 ng

RT: 17.09 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

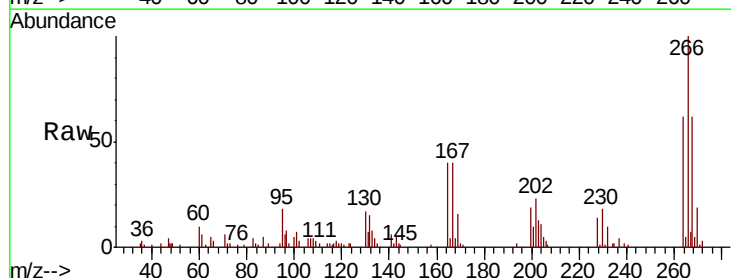
Tgt Ion:266 Resp: 37405

Ion Ratio Lower Upper

266 100

268 66.8 55.0 82.6

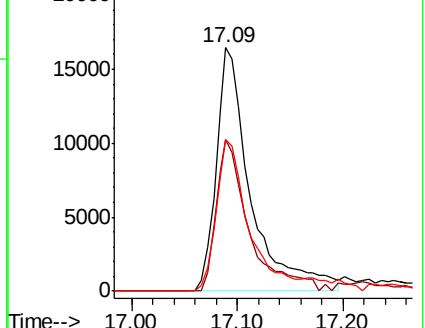
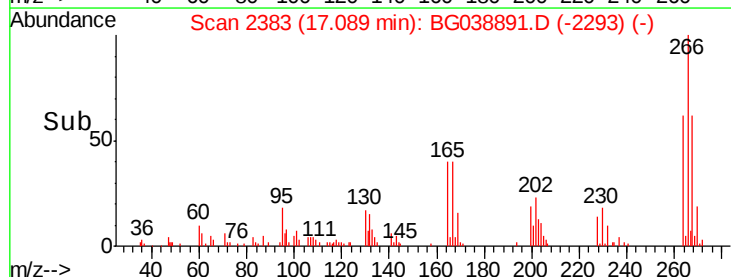
264 67.6 56.7 85.1

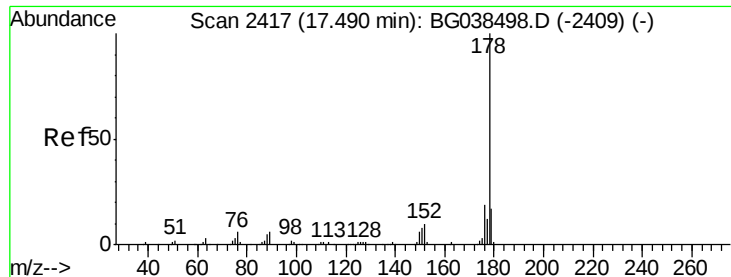


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

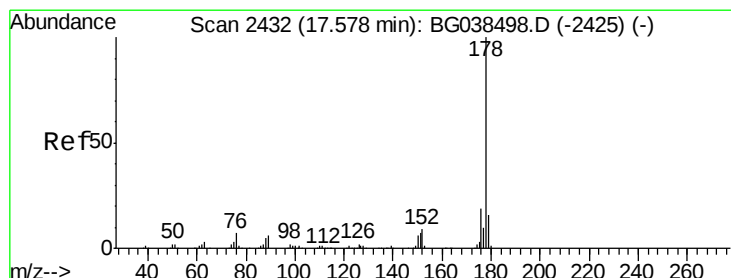
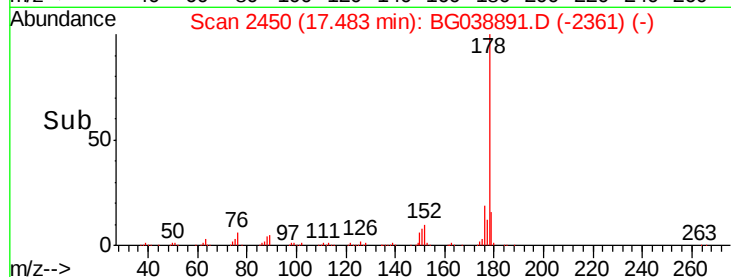
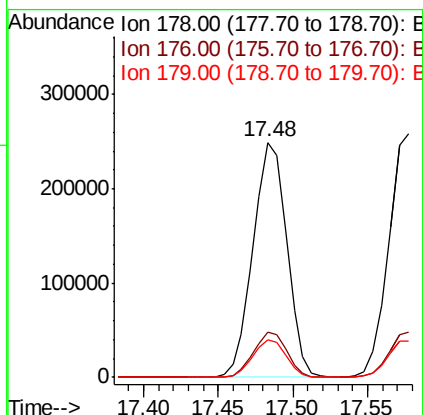
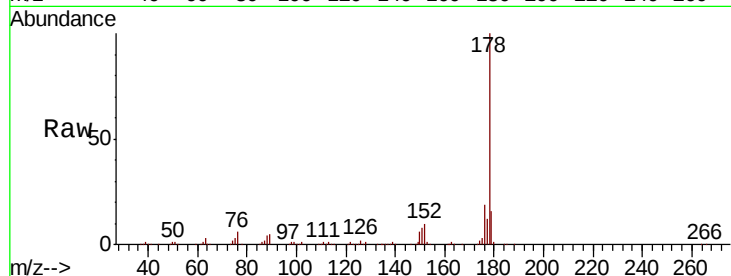




#71
Phenanthrene
Concen: 44.045 ng
RT: 17.48 min Scan# 2450
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

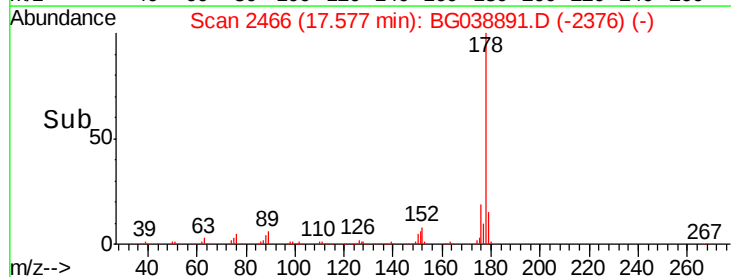
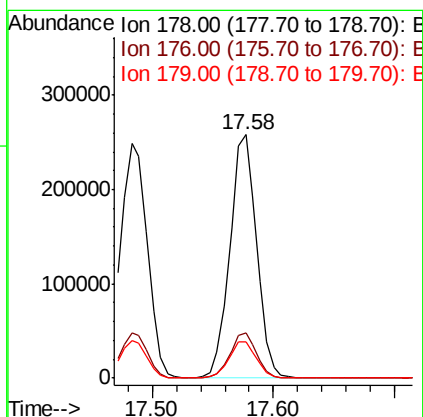
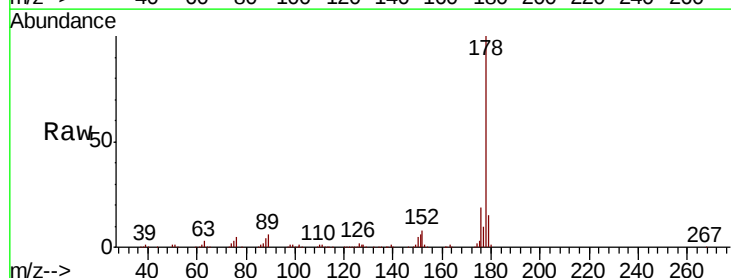
Instrument :
BNA_G
ClientSampleId :

Tot Ion:178 Resp: 390496
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 16.1 13.2 19.8



#72
Anthracene
Concen: 45.310 ng
RT: 17.58 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion:178 Resp: 396577
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.1 12.9 19.3

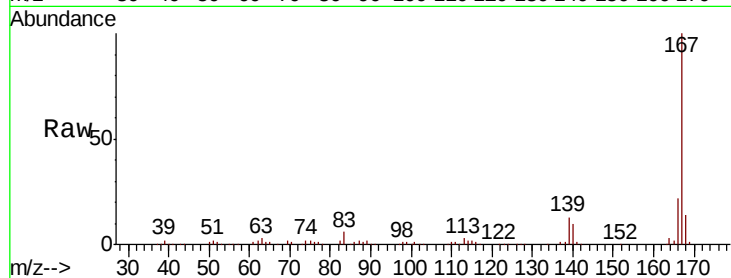




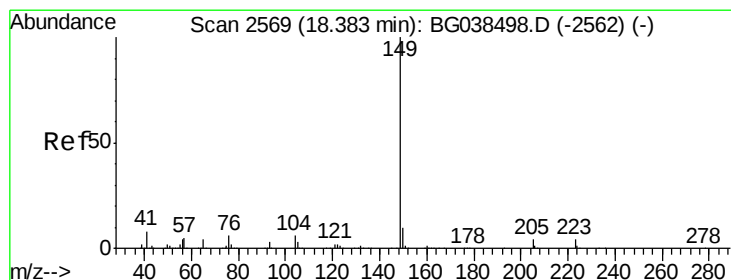
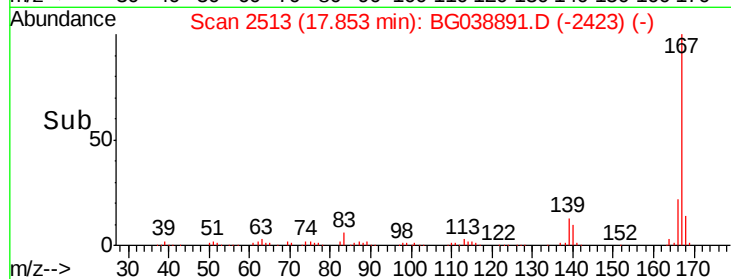
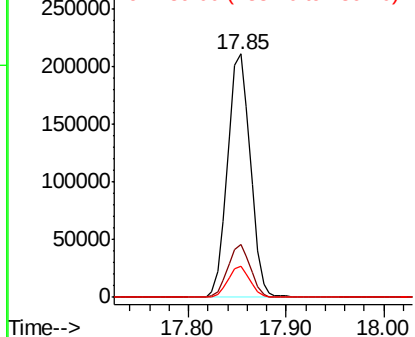
#73
 Carbazole
 Concen: 39.716 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:167 Resp: 343782
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.9 26.9
 139 12.6 10.2 15.2

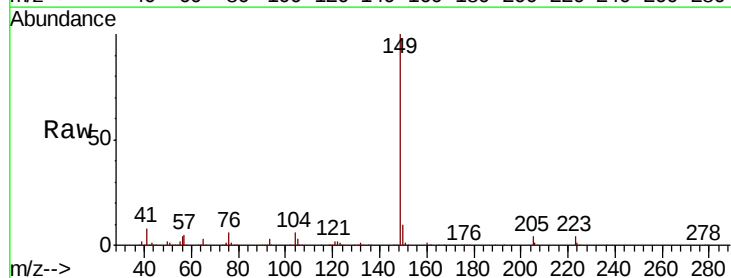


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

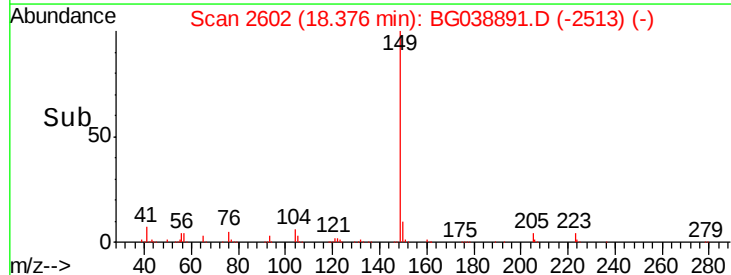
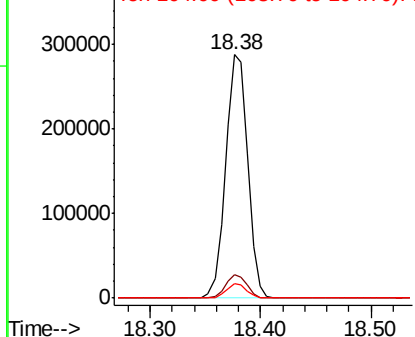


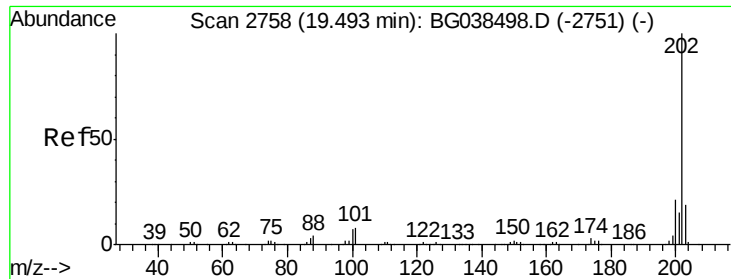
#74
 Di-n-butylphthalate
 Concen: 40.430 ng
 RT: 18.38 min Scan# 2602
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion:149 Resp: 401562
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.6 11.4
 104 5.8 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

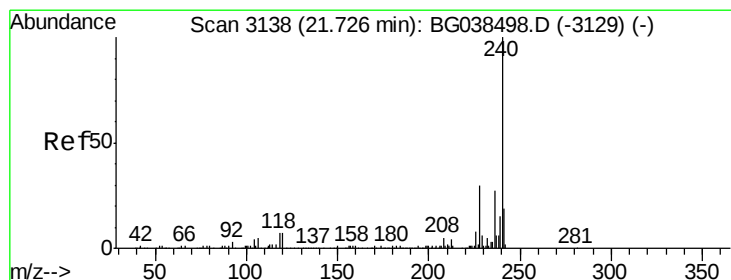
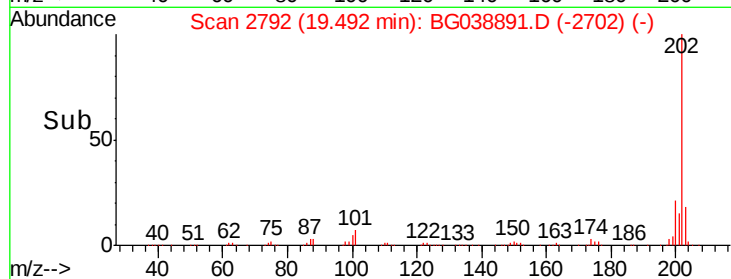
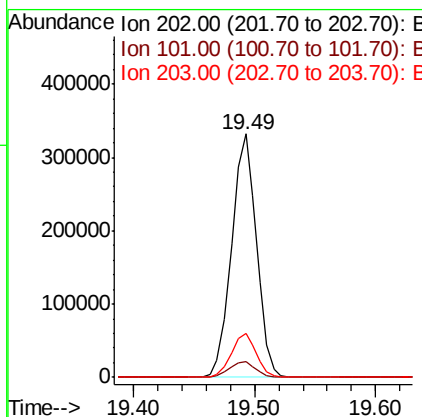
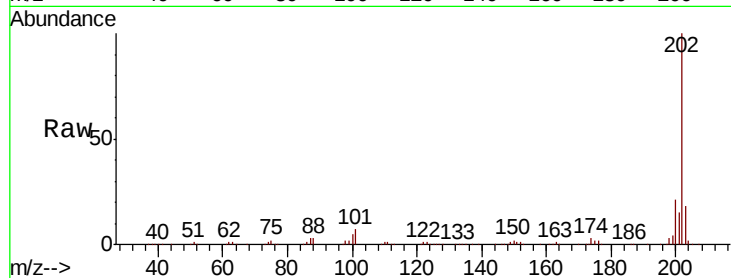




#75
 Fluoranthene
 Concen: 43.296 ng
 RT: 19.49 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

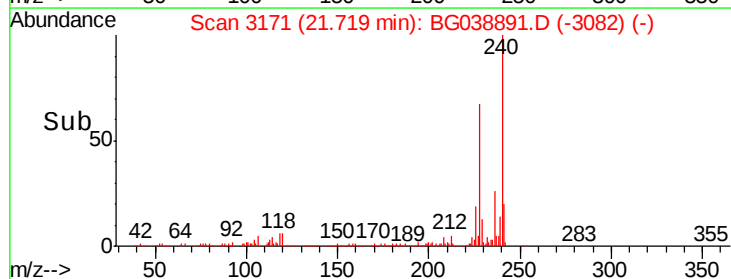
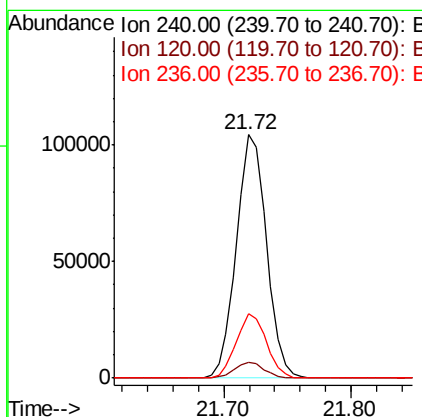
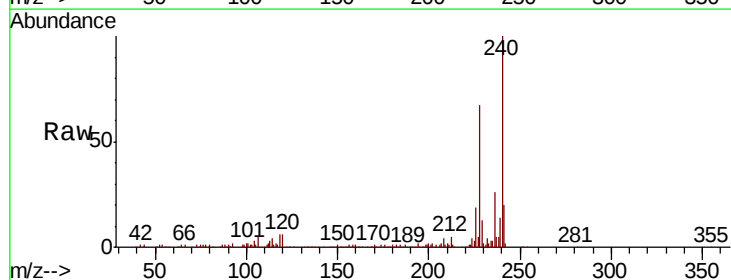
Instrument :
 BNA_G
 ClientSampleId :

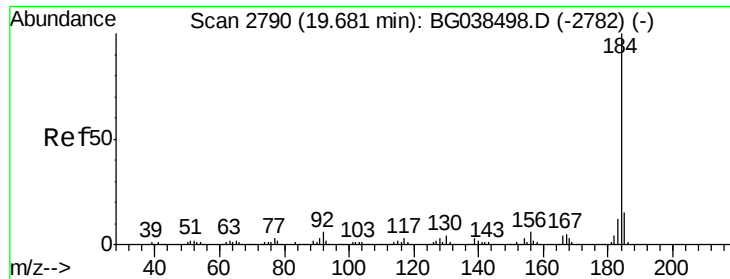
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	28.1
203	18.0	0.0	39.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038891.D
 Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	5.3	7.9
236	26.3	21.4	32.2





#77

Benzidine

Concen: 32.942 ng

RT: 19.67 min Scan# 2823

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

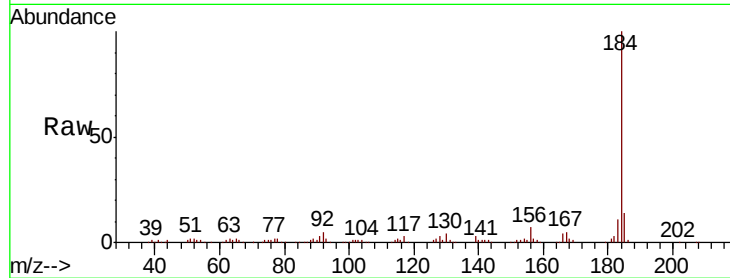
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 167377

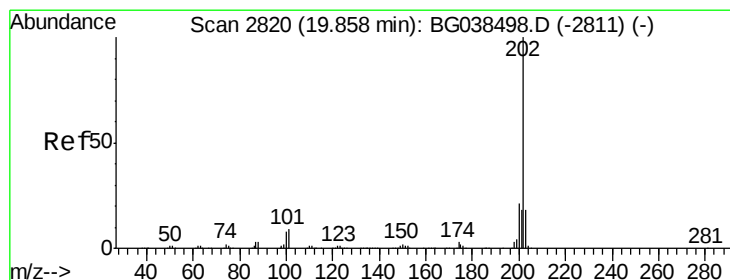
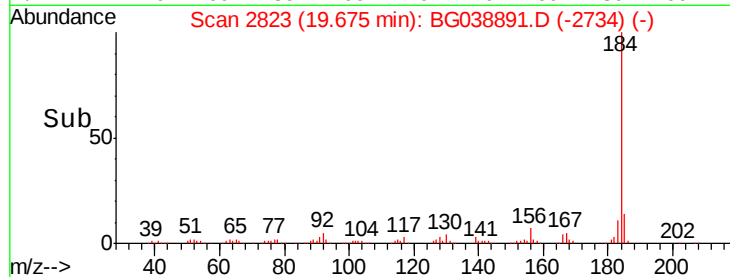
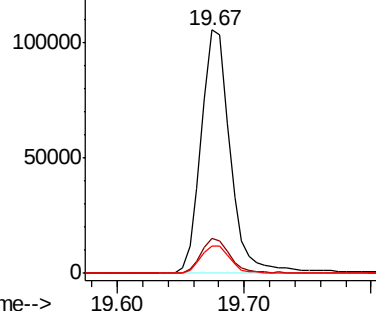
Ion	Ratio	Lower	Upper
184	100		
185	14.3	12.2	18.2
183	11.5	9.6	14.4



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: 42.546 ng

RT: 19.86 min Scan# 2854

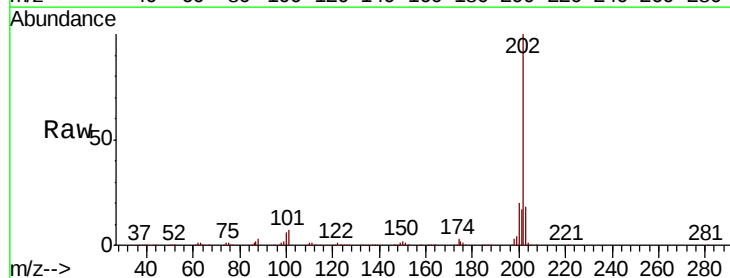
Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Tgt Ion:202 Resp: 482893

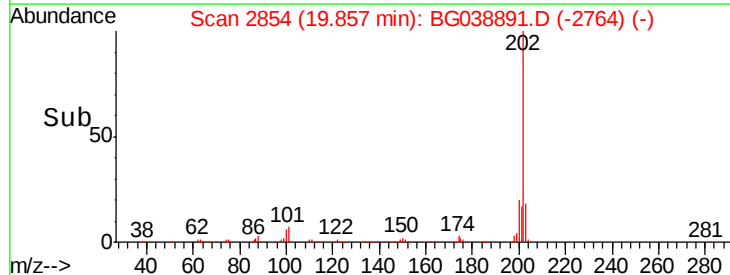
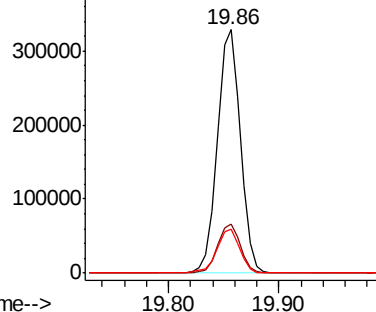
Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	25.0
203	18.0	14.6	21.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.686 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

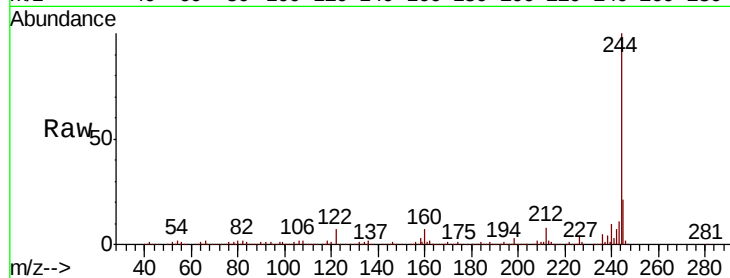
Tot Ion:244 Resp: 660631

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

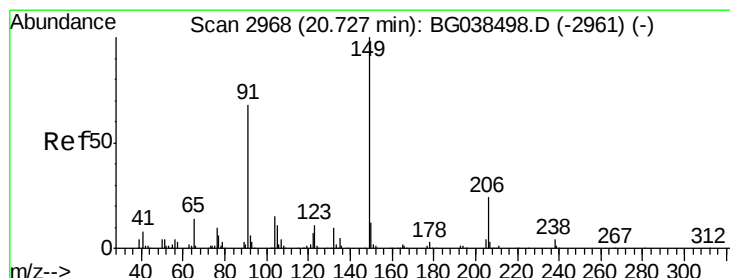
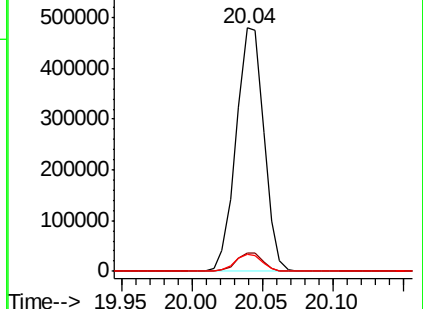
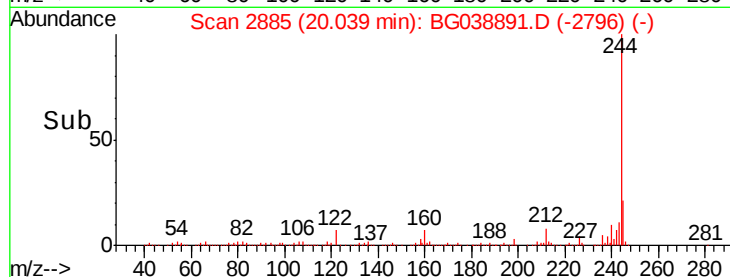
122 7.2 6.3 9.5



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: 40.930 ng

RT: 20.72 min Scan# 3001

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

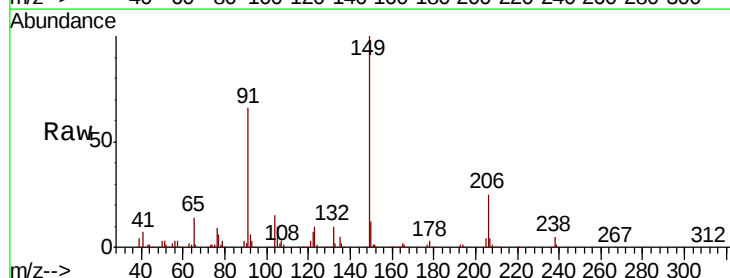
Tgt Ion:149 Resp: 181493

Ion Ratio Lower Upper

149 100

91 65.8 54.5 81.7

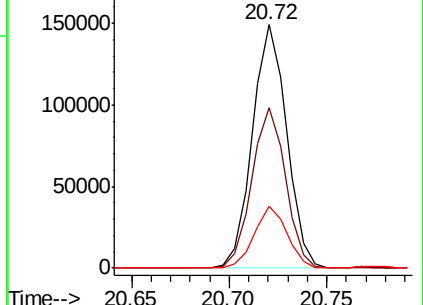
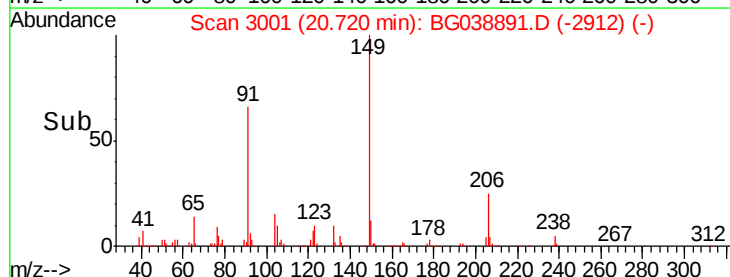
206 25.4 19.0 28.6

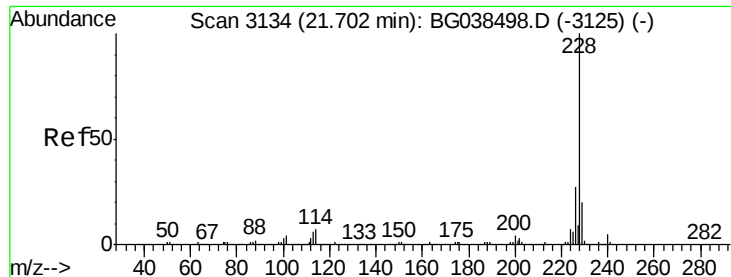


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.950 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

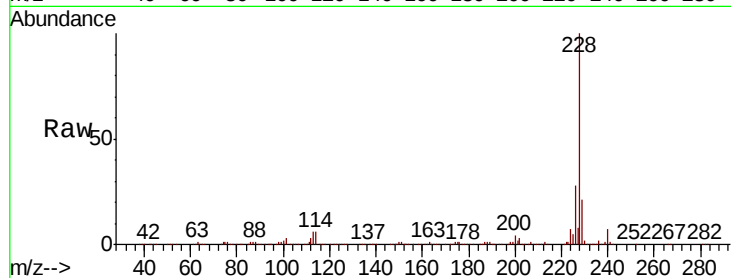
Tot Ion:228 Resp: 470577

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

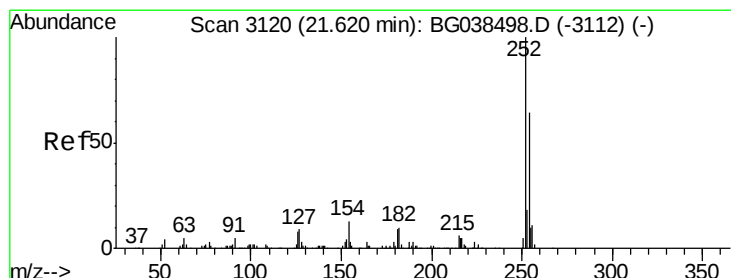
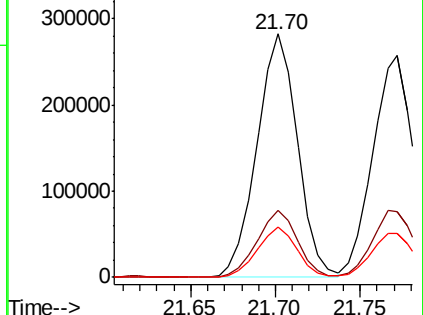
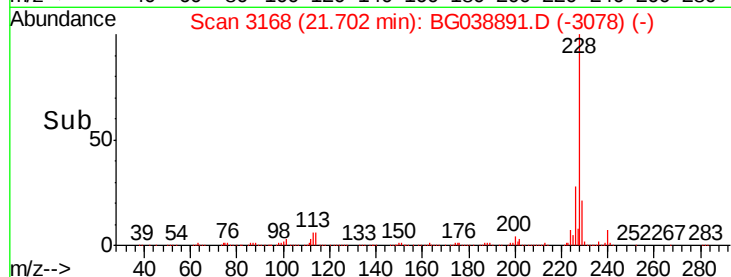
229 20.5 15.8 23.6



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: 33.362 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

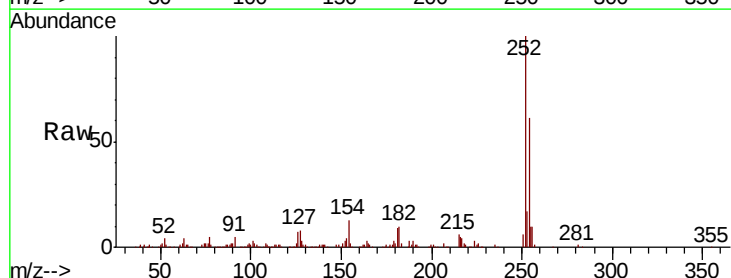
Tgt Ion:252 Resp: 138518

Ion Ratio Lower Upper

252 100

254 60.8 50.9 76.3

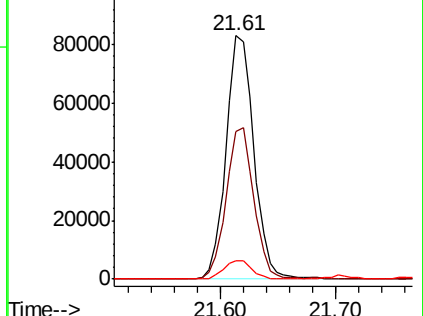
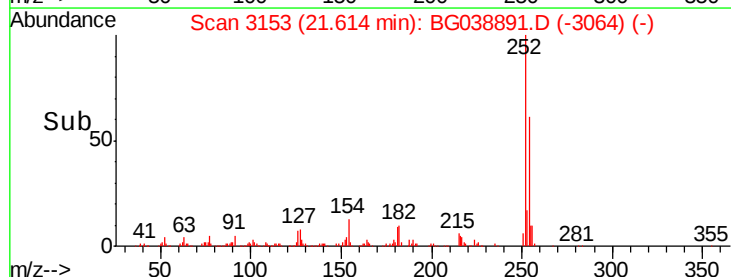
126 7.3 6.3 9.5



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: 42.922 ng

RT: 21.77 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

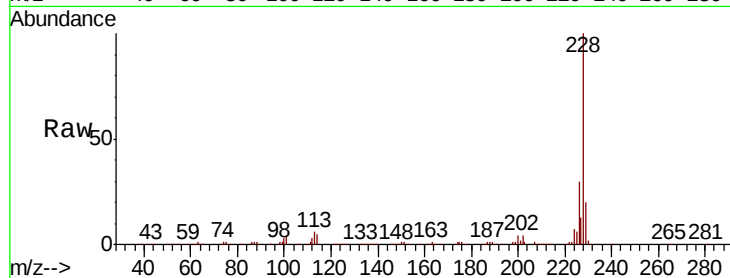
Tot Ion:228 Resp: 432803

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.4

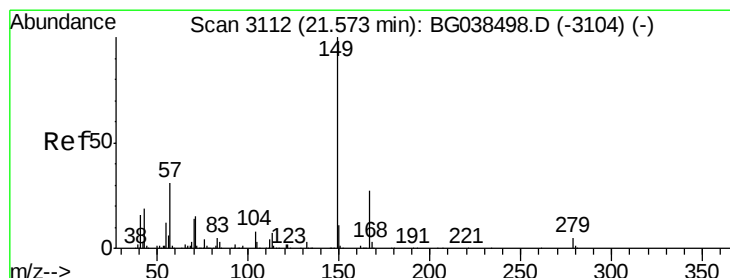
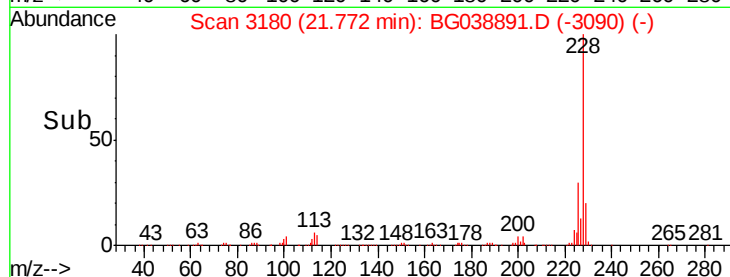
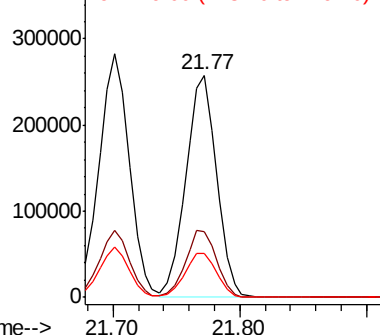
229 20.0 16.5 24.7



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: 40.684 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

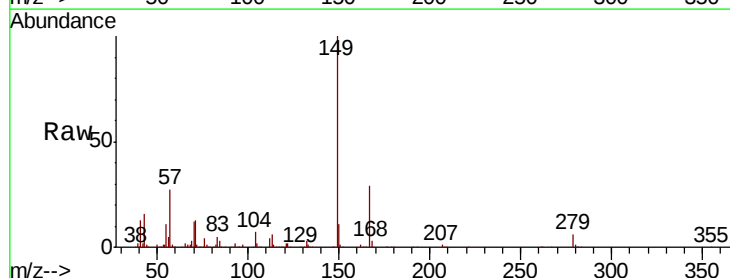
Tgt Ion:149 Resp: 255859

Ion Ratio Lower Upper

149 100

167 29.2 21.9 32.9

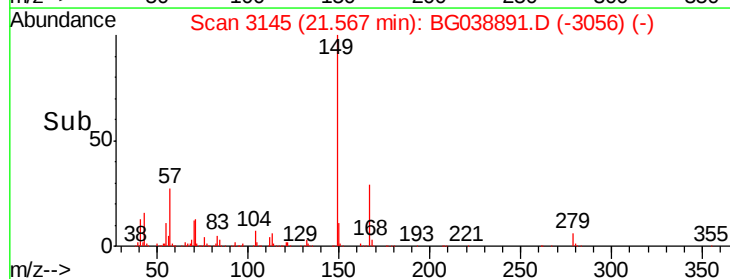
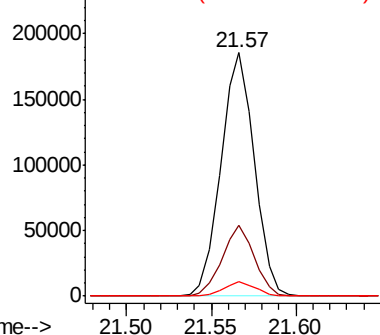
279 5.8 4.2 6.2

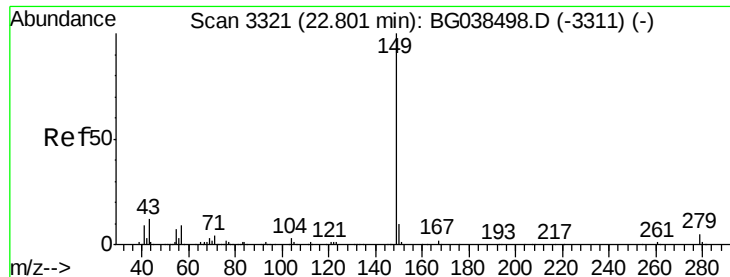


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

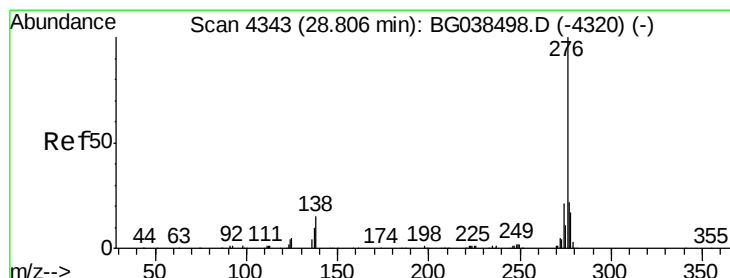
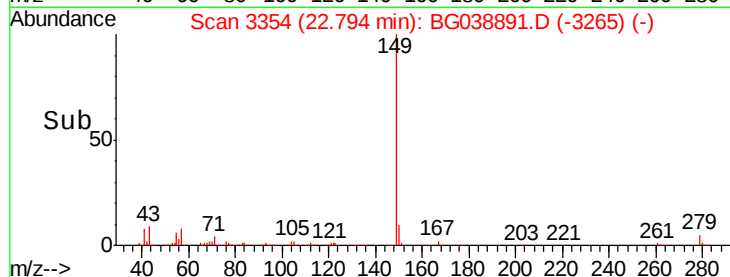
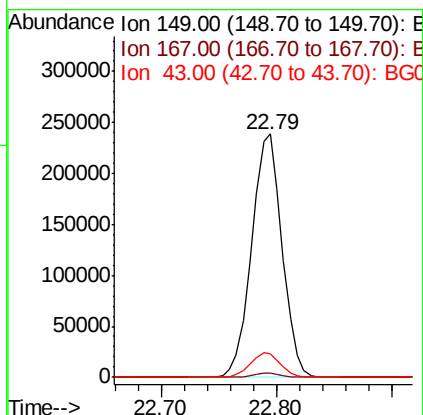
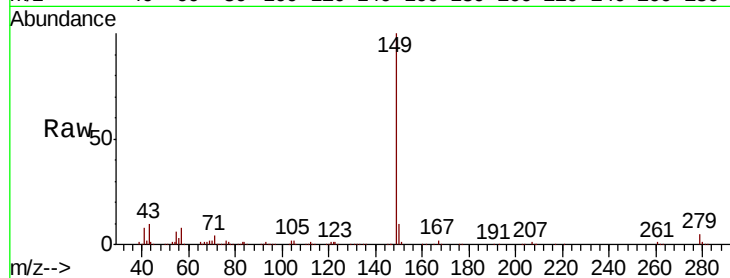




#85
Di-n-octyl phthalate
Concen: 41.457 ng
RT: 22.79 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

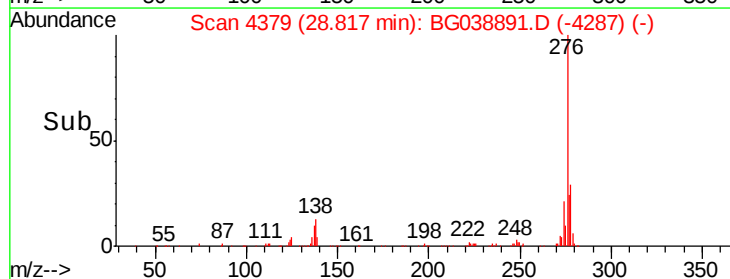
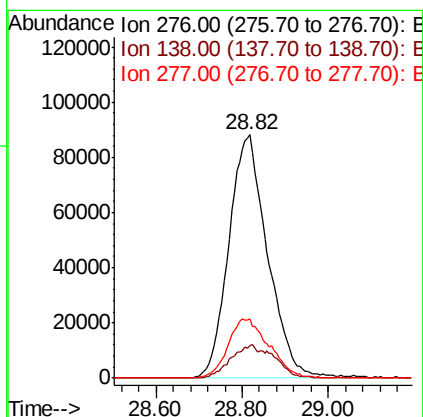
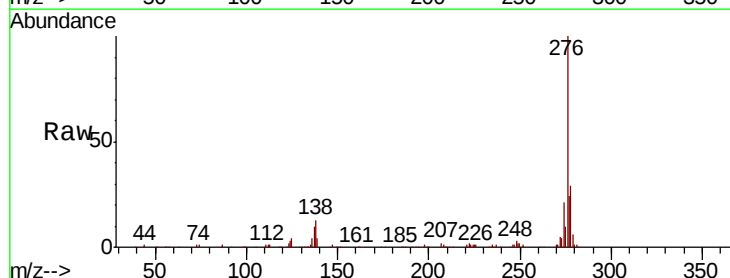
Instrument :
BNA_G
ClientSampleId :

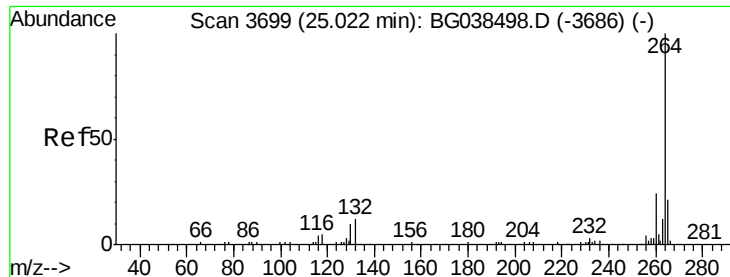
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.9	9.3	13.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 46.554 ng
RT: 28.82 min Scan# 4379
Delta R.T. 0.01 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.8	14.4	21.6#
277	0.0	0.0	0.0

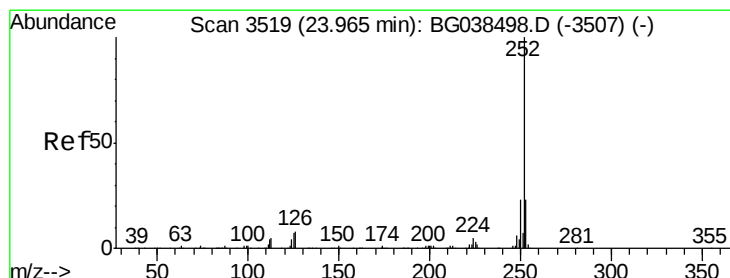
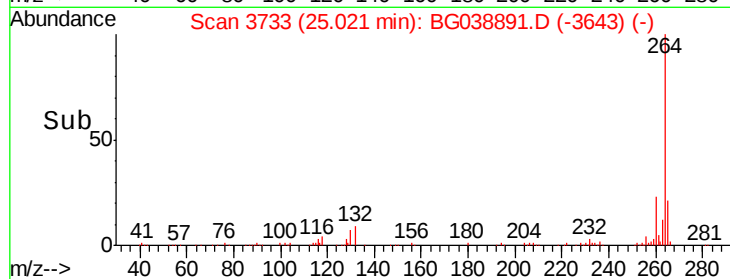
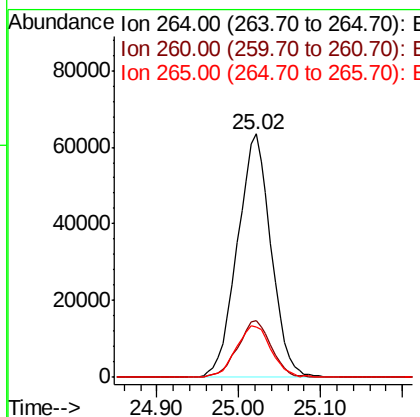
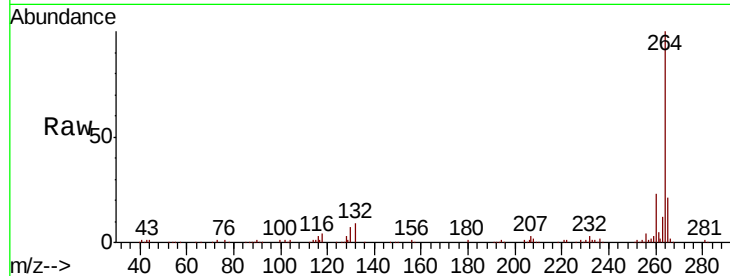




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

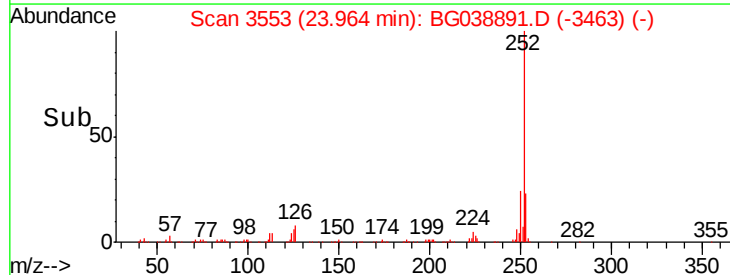
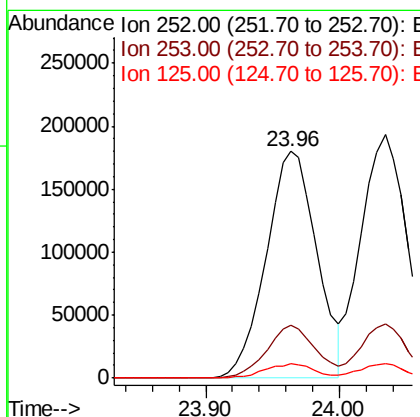
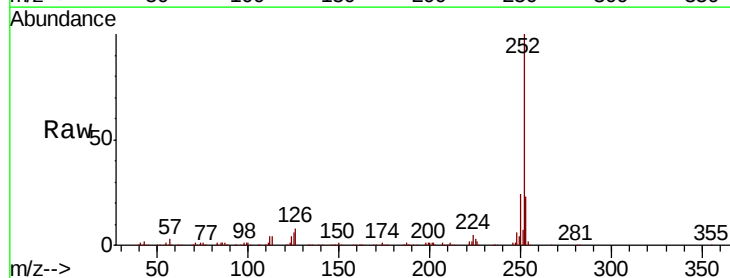
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	20.7	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 47.844 ng
RT: 23.96 min Scan# 3553
Delta R.T. -0.00 min
Lab File: BG038891.D
Acq: 29 Dec 2018 2:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	6.3	5.5	8.3





#89

Benzo(k)fluoranthene

Concen: 46.679 ng

RT: 24.03 min Scan# 3565

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

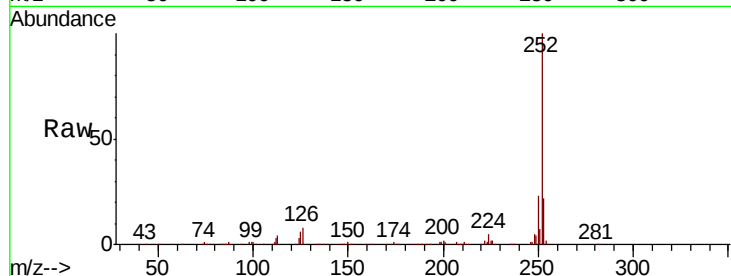
Tot Ion:252 Resp: 461745

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

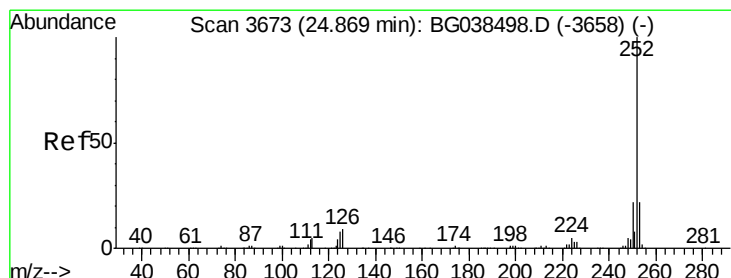
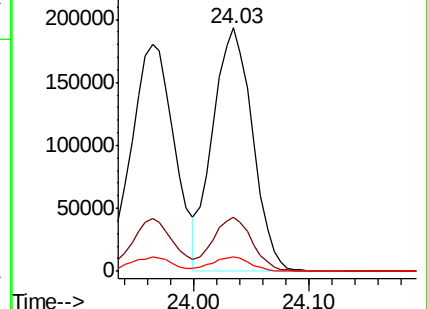
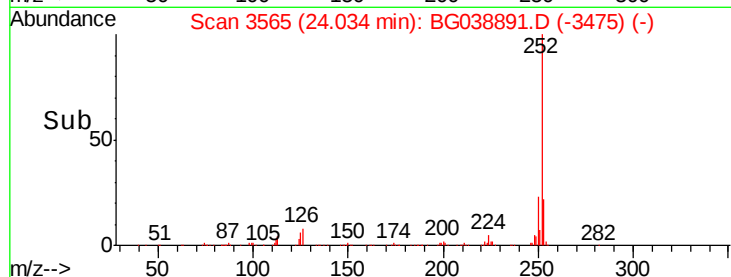
125 5.8 5.4 8.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.944 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

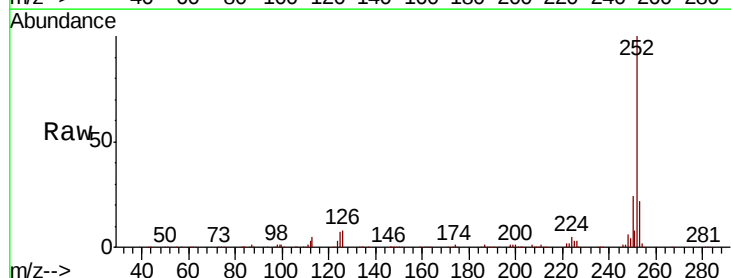
Tgt Ion:252 Resp: 459473

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

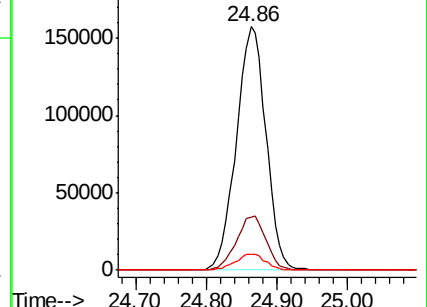
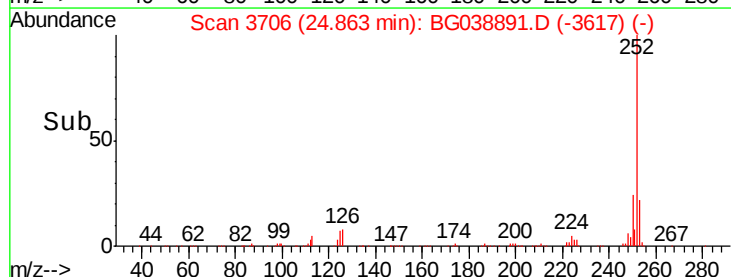
125 6.7 6.4 9.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.612 ng

RT: 28.87 min Scan# 4388

Delta R.T. 0.01 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

Instrument :

BNA_G

ClientSampleId :

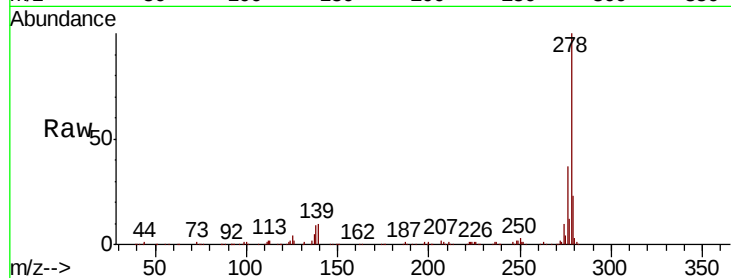
Tot Ion:278 Resp: 454315

Ion Ratio Lower Upper

278 100

139 9.8 8.6 12.8

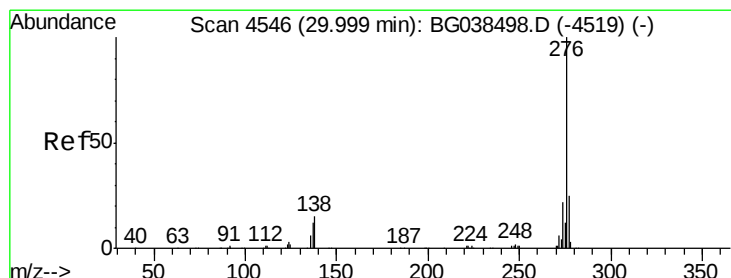
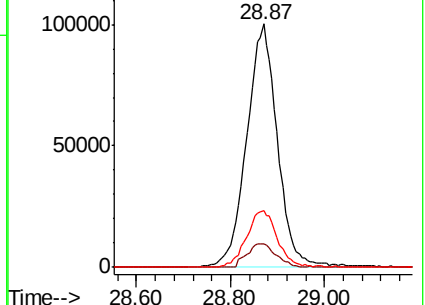
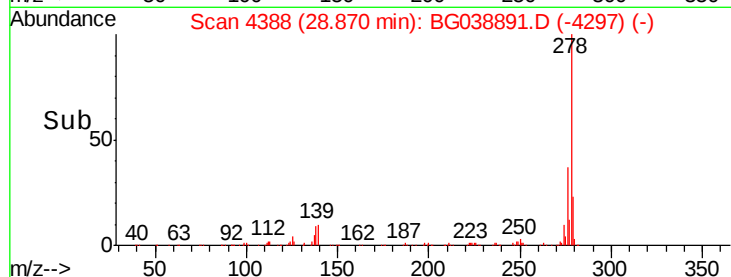
279 23.2 19.0 28.6



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: 47.744 ng

RT: 30.00 min Scan# 4580

Delta R.T. -0.00 min

Lab File: BG038891.D

Acq: 29 Dec 2018 2:21

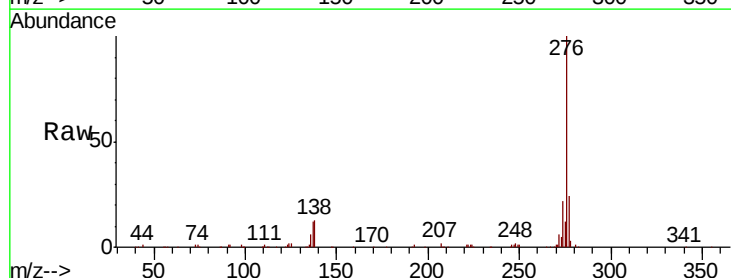
Tgt Ion:276 Resp: 448968

Ion Ratio Lower Upper

276 100

277 23.8 19.8 29.8

138 13.2 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

