

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112118\
 Data File : BG038126.D
 Acq On : 21 Nov 2018 20:54
 Operator : JU/SJ
 Sample : J5765-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Quant Time: Nov 22 01:22:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	39335	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	173245	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	109948	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	249589	20.00	ng	0.00
76) Chrysene-d12	21.75	240	230428	20.00	ng	0.00
87) Perylene-d12	25.07	264	245304	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.63	112	256605	112.63	ng	0.00
7) Phenol-d6	7.24	99	329783	101.41	ng	0.00
23) Nitrobenzene-d5	9.26	82	251404	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	139664	111.38	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	555078	73.55	ng	0.00
79) Terphenyl-d14	20.07	244	840966	85.87	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	34468	32.031	ng	# 1
3) Pyridine	3.93	79	99886	32.540	ng	94
4) n-Nitrosodimethylamine	3.85	42	54120	48.597	ng	93
6) Aniline	7.41	93	65090	15.508	ng	95
8) 2-Chlorophenol	7.65	128	120976	45.763	ng	97
9) Benzaldehyde	7.22	77	60526	25.736	ng	99
10) Phenol	7.26	94	134301	38.989	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	120982	43.021	ng	99
12) 1,3-Dichlorobenzene	7.97	146	124346	40.831	ng	96
13) 1,4-Dichlorobenzene	8.12	146	125735	40.872	ng	97
14) 1,2-Dichlorobenzene	8.44	146	123231	41.957	ng	99
15) Benzyl Alcohol	8.32	79	108762	46.220	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	246232	47.154	ng	98
17) 2-Methylphenol	8.52	107	105429	45.271	ng	98
18) Hexachloroethane	9.17	117	47024	42.001	ng	98
19) n-Nitroso-di-n-propylamine	8.89	70	101017	42.929	ng	96
20) 3+4-Methylphenols	8.85	107	149734	45.355	ng	99
22) Acetophenone	8.92	105	189356	43.930	ng	# 98
24) Nitrobenzene	9.30	77	151714	45.825	ng	95
25) Isophorone	9.82	82	288675	49.556	ng	99
26) 2-Nitrophenol	10.02	139	69988	42.345	ng	99
27) 2,4-Dimethylphenol	10.06	122	128388	51.557	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	173209	46.500	ng	96
29) 2,4-Dichlorophenol	10.54	162	130251	46.501	ng	100
30) 1,2,4-Trichlorobenzene	10.76	180	132511	42.217	ng	98
31) Naphthalene	10.95	128	410909	48.223	ng	99
32) Benzoic acid	10.18	122	38880	30.351	ng	97
33) 4-Chloroaniline	11.07	127	14704	3.710	ng	96
34) Hexachlorobutadiene	11.22	225	78556	40.665	ng	97
35) Caprolactam	11.85	113	33804	30.151	ng	# 87
36) 4-Chloro-3-methylphenol	12.17	107	143056	46.748	ng	93
37) 2-Methylnaphthalene	12.55	142	295244	48.237	ng	97
38) 1-Methylnaphthalene	12.78	142	283690	48.151	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	150776	41.039	ng	99

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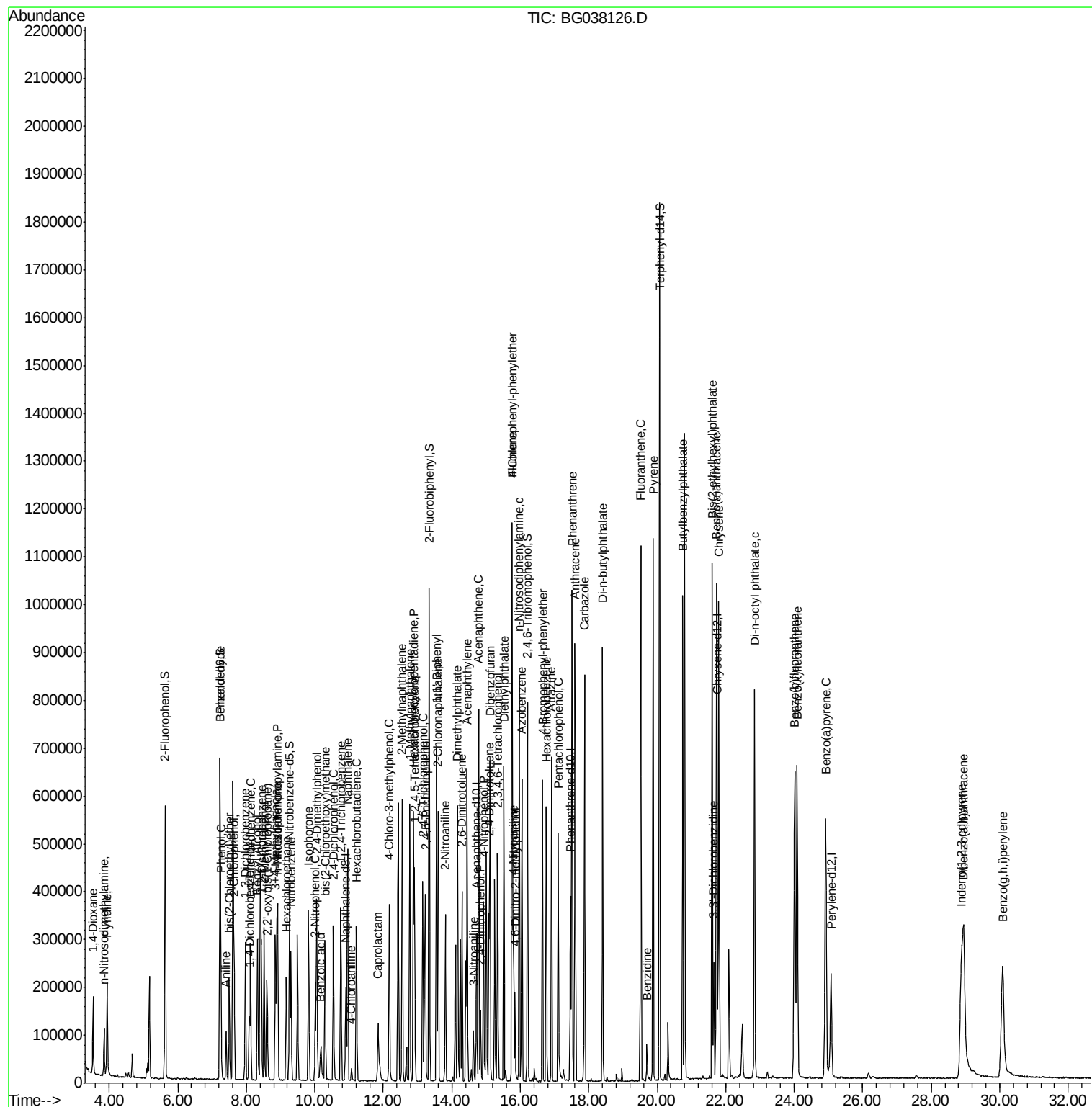
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	168669	85.735	ng	100
43) 2,4,6-Trichlorophenol	13.15	196	108031	43.151	ng	97
44) 2,4,5-Trichlorophenol	13.23	196	114348	43.409	ng	98
46) 1,1'-Biphenyl	13.55	154	380163	41.157	ng	99
47) 2-Chloronaphthalene	13.60	162	300394	42.618	ng	99
48) 2-Nitroaniline	13.81	65	104950	47.310	ng	100
49) Acenaphthylene	14.44	152	500064	47.178	ng	99
50) Dimethylphthalate	14.17	163	395293	45.351	ng	100
51) 2,6-Dinitrotoluene	14.30	165	90308	45.778	ng	97
52) Acenaphthene	14.79	154	291473	45.678	ng	100
53) 3-Nitroaniline	14.63	138	28648	13.160	ng	# 99
54) 2,4-Dinitrophenol	14.84	184	36445	39.542	ng	# 86
55) Dibenzofuran	15.12	168	468823	44.432	ng	98
56) 4-Nitrophenol	14.93	139	111006	66.118	ng	93
57) 2,4-Dinitrotoluene	15.09	165	125561	46.779	ng	96
58) Fluorene	15.77	166	385518	48.970	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	100342	45.522	ng	97
60) Diethylphthalate	15.52	149	406913	43.952	ng	97
61) 4-Chlorophenyl-phenylether	15.76	204	193789	42.068	ng	99
62) 4-Nitroaniline	15.80	138	93812	43.381	ng	97
63) Azobenzene	16.05	77	379132	45.801	ng	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	44007	27.876	ng	98
66) n-Nitrosodiphenylamine	15.97	169	340701	45.121	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	119715	43.700	ng	93
68) Hexachlorobenzene	16.76	284	124441	44.008	ng	97
69) Atrazine	16.91	200	124983	44.902	ng	99
70) Pentachlorophenol	17.11	266	113129	58.908	ng	98
71) Phenanthrene	17.51	178	637803	49.912	ng	100
72) Anthracene	17.61	178	629692	49.990	ng	99
73) Carbazole	17.88	167	575308	45.523	ng	100
74) Di-n-butylphthalate	18.40	149	681608	48.046	ng	99
75) Fluoranthene	19.52	202	720600	49.426	ng	99
77) Benzidine	19.70	184	55231	6.831	ng	97
78) Pyrene	19.88	202	733910	48.714	ng	99
80) Butylbenzylphthalate	20.75	149	316311	48.010	ng	99
81) Benzo(a)anthracene	21.73	228	680964	48.902	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	90882	16.755	ng	99
83) Chrysene	21.80	228	634899	47.654	ng	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	443961	47.251	ng	99
85) Di-n-octyl phthalate	22.84	149	757517	49.835	ng	99
86) Indeno(1,2,3-cd)pyrene	28.87	276	665849	44.998	ng	97
88) Benzo(b)fluoranthene	24.01	252	669456	49.592	ng	99
89) Benzo(k)fluoranthene	24.08	252	664172	49.861	ng	98
90) Benzo(a)pyrene	24.91	252	658914	51.075	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	566238	45.617	ng	97
92) Benzo(g,h,i)perylene	30.09	276	559061	45.296	ng	98

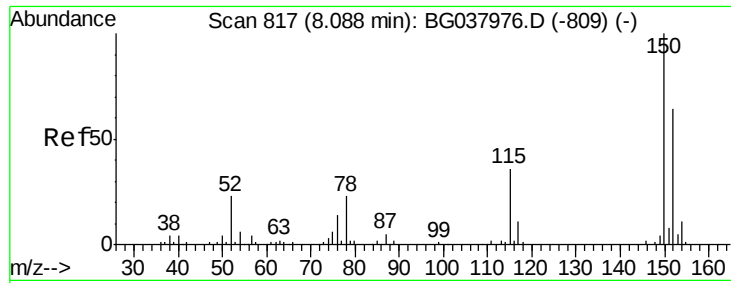
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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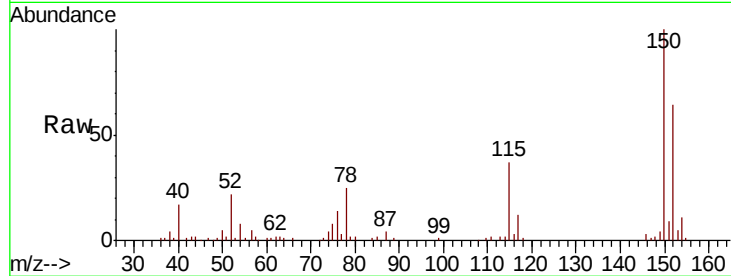


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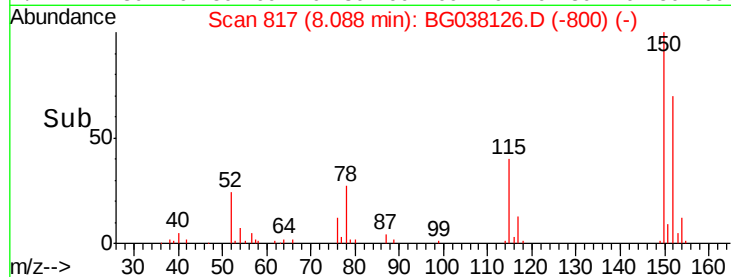
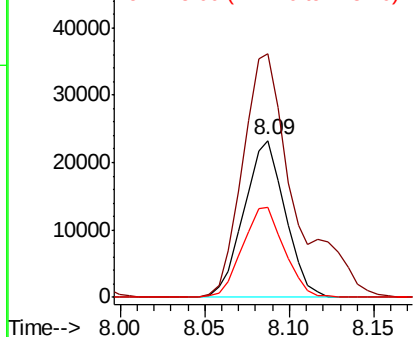
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion:152 Resp: 39335
Ion Ratio Lower Upper
152 100
150 155.3 126.0 189.0
115 57.8 45.5 68.3



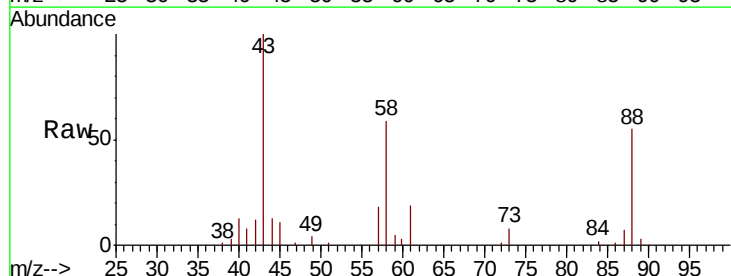
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



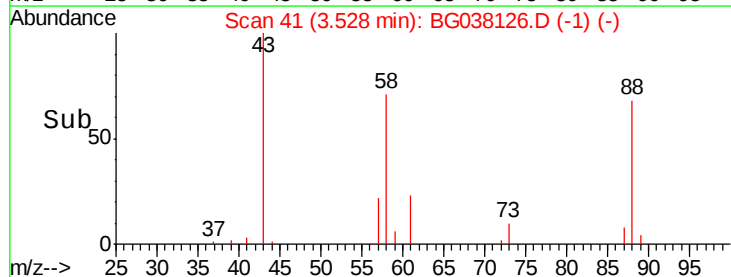
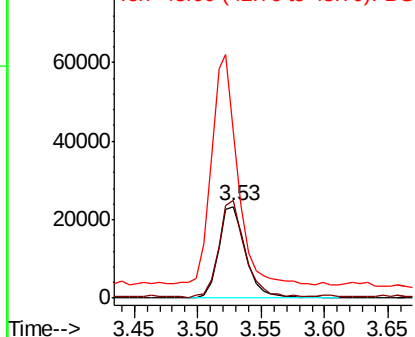
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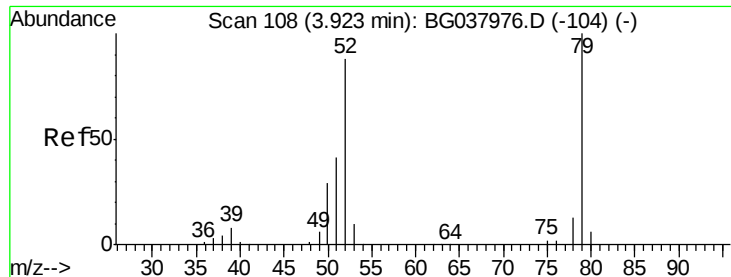
1,4-Dioxane
Concen: 32.031 ng
RT: 3.53 min Scan# 41
Delta R.T. 0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion: 88 Resp: 34468
Ion Ratio Lower Upper
88 100
58 102.1 74.4 111.6
43 247.5 25.8 38.8#



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





#3

Pyridine

Concen: 32.540 ng

RT: 3.93 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

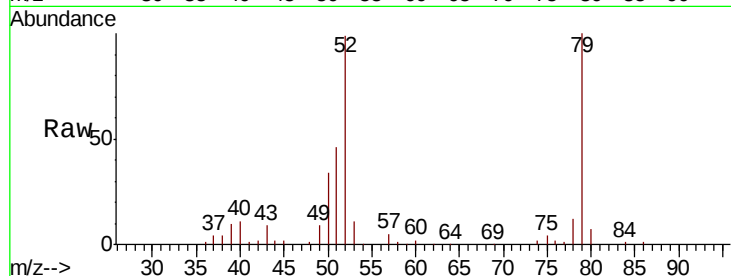
Tgt Ion: 79 Resp: 99886

Ion Ratio Lower Upper

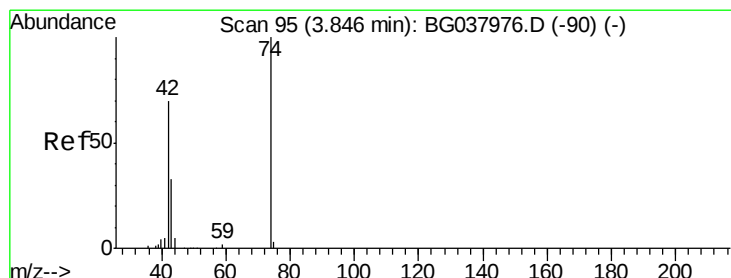
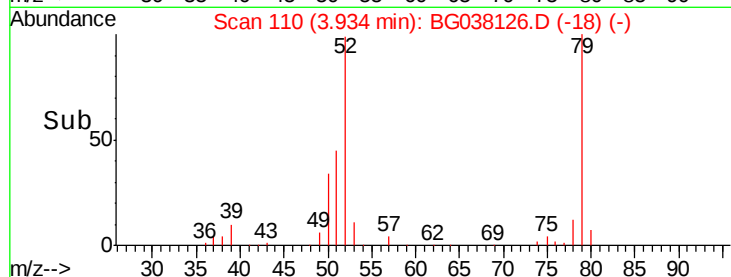
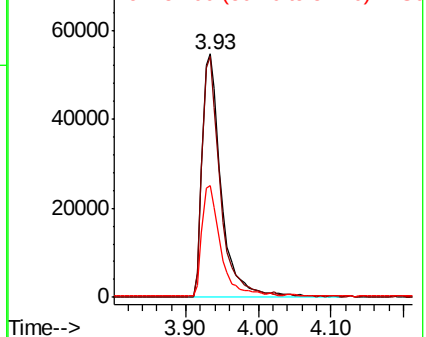
79 100

52 98.8 74.2 111.2

51 45.9 34.6 51.8



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: 48.597 ng

RT: 3.85 min Scan# 95

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

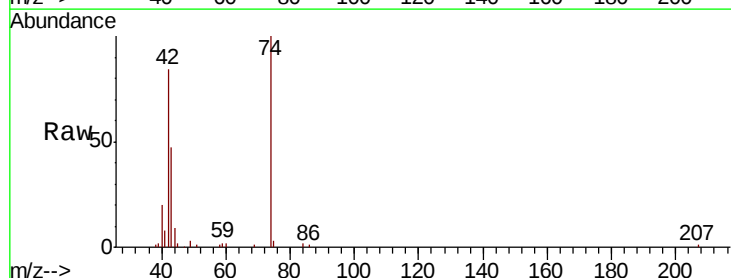
Tgt Ion: 42 Resp: 54120

Ion Ratio Lower Upper

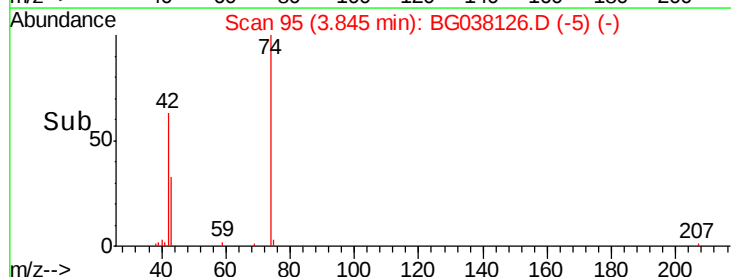
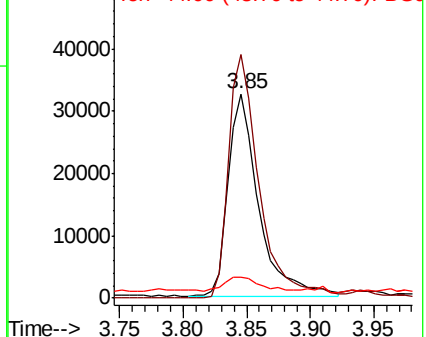
42 100

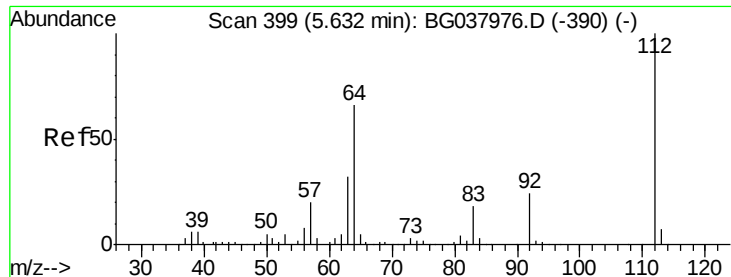
74 119.1 102.0 153.0

44 10.5 9.6 14.4



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: 112.634 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038126.D

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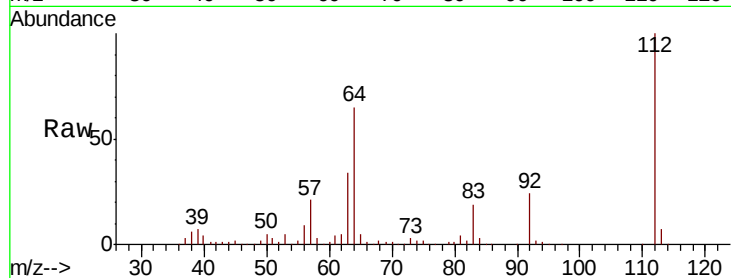
Tgt Ion: 112 Resp: 256605

Ion Ratio Lower Upper

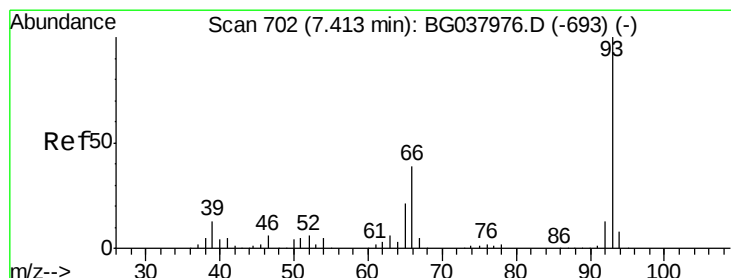
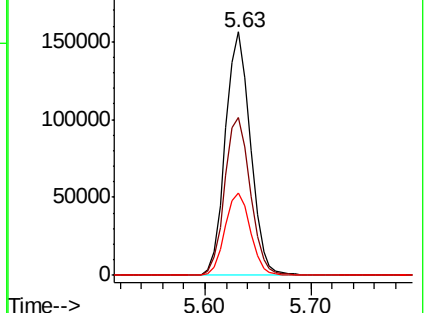
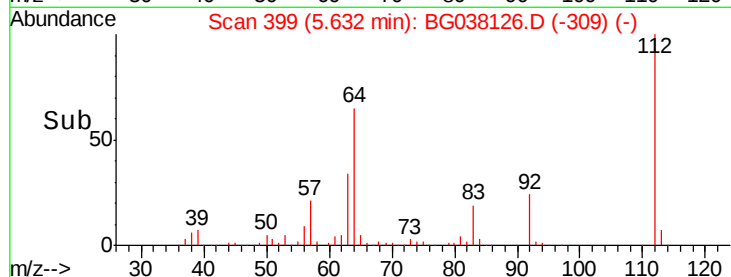
112 100

64 64.6 53.1 79.7

63 34.0 27.3 40.9



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



#6

Aniline

Concen: 15.508 ng

RT: 7.41 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

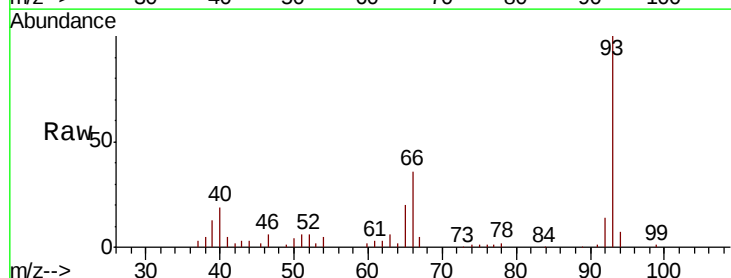
Tgt Ion: 93 Resp: 65090

Ion Ratio Lower Upper

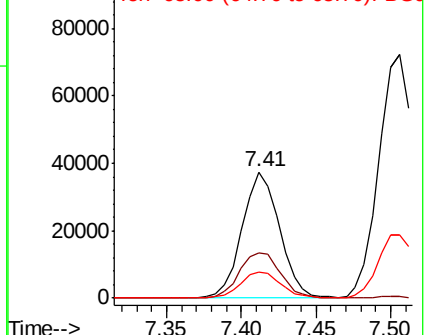
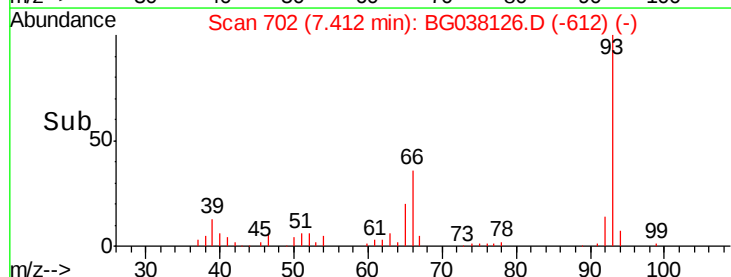
93 100

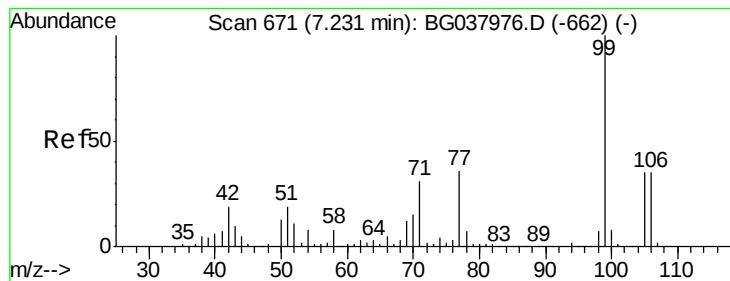
66 36.1 32.8 49.2

65 20.2 16.4 24.6



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





#7

Phenol-d6

Concen: 101.408 ng

RT: 7.24 min Scan# 672

Delta R.T. 0.01 min

Lab File: BG038126.D

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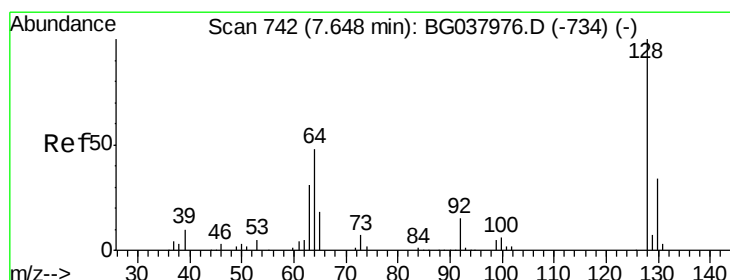
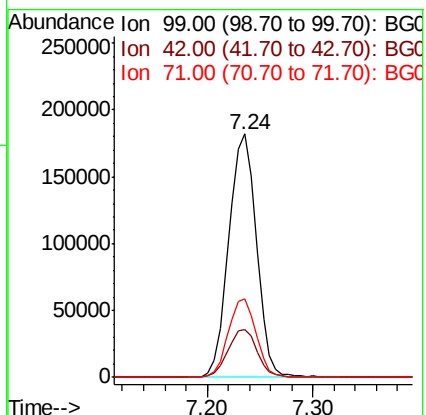
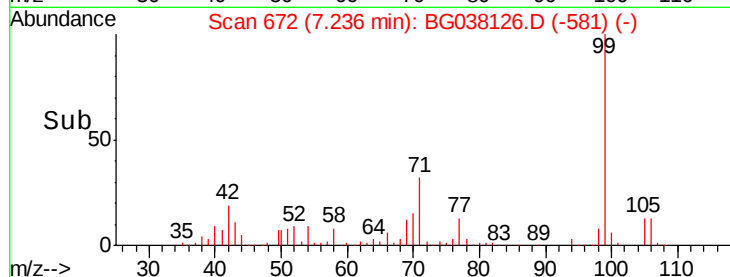
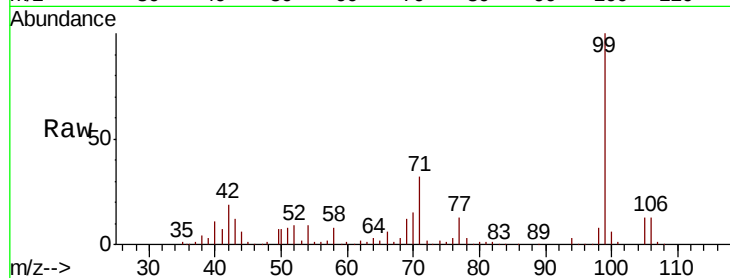
Tgt Ion: 99 Resp: 329783

Ion Ratio Lower Upper

99 100

42 19.4 15.0 22.4

71 32.1 25.5 38.3



#8

2-Chlorophenol

Concen: 45.763 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

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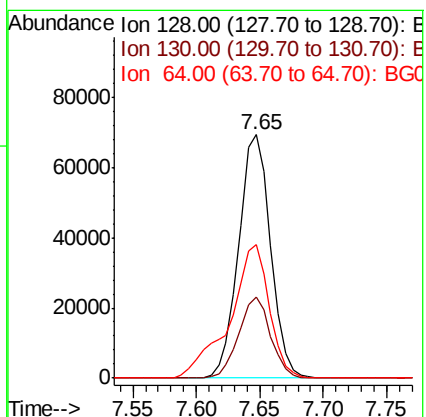
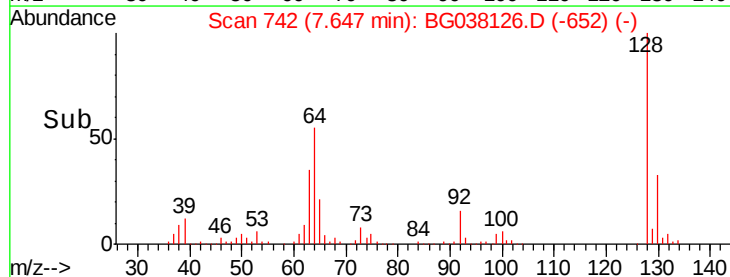
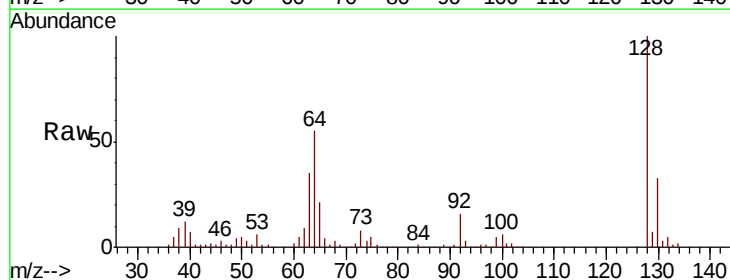
Tgt Ion: 128 Resp: 120976

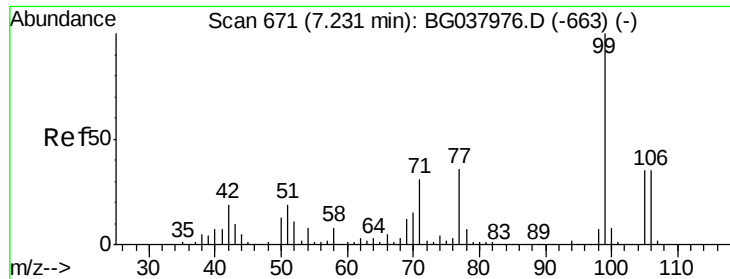
Ion Ratio Lower Upper

128 100

130 33.1 12.0 52.0

64 55.1 32.9 72.9





#9

Benzaldehyde

Concen: 25.736 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

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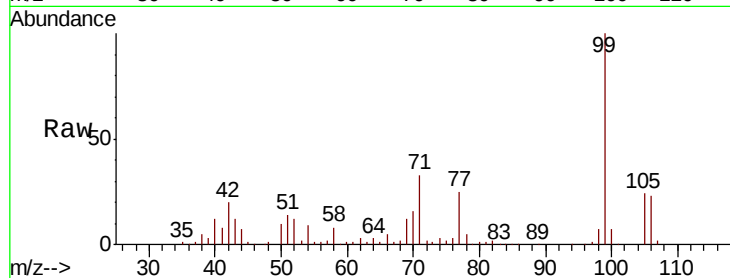
Tgt Ion: 77 Resp: 60526

Ion Ratio Lower Upper

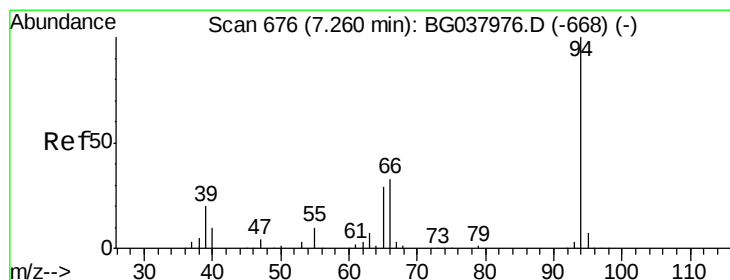
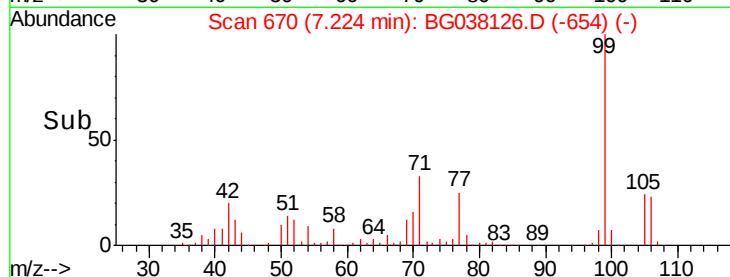
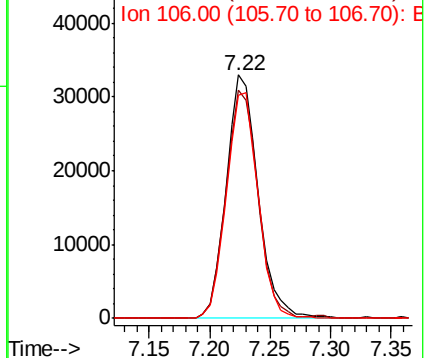
77 100

105 93.5 72.6 112.6

106 91.7 71.3 111.3



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



#10

Phenol

Concen: 38.989 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

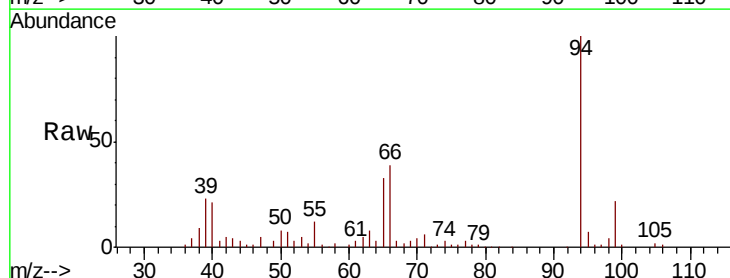
Tgt Ion: 94 Resp: 134301

Ion Ratio Lower Upper

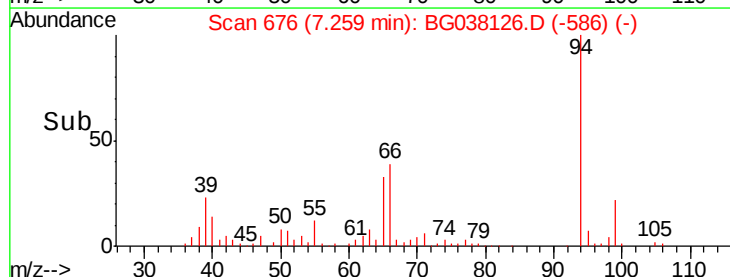
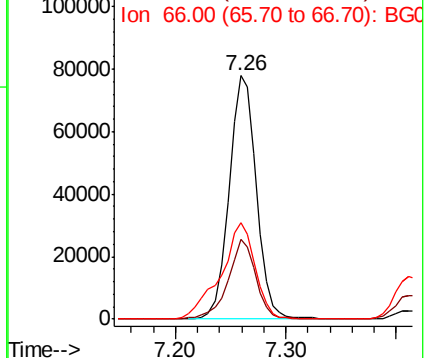
94 100

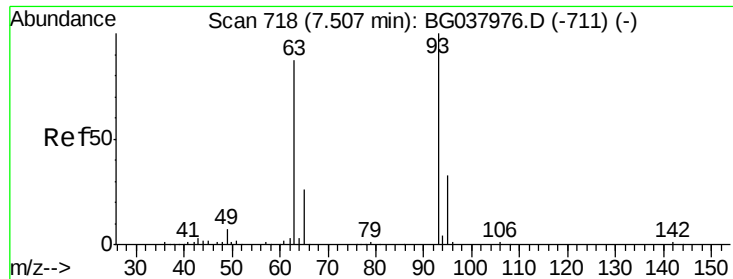
65 32.7 9.7 49.7

66 39.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 43.021 ng

RT: 7.51 min Scan# 718

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

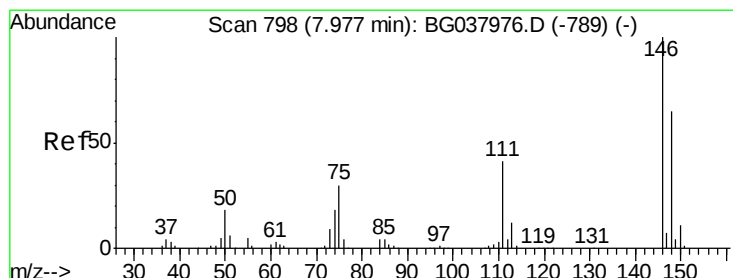
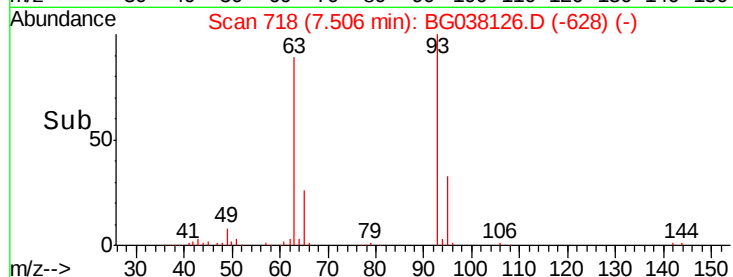
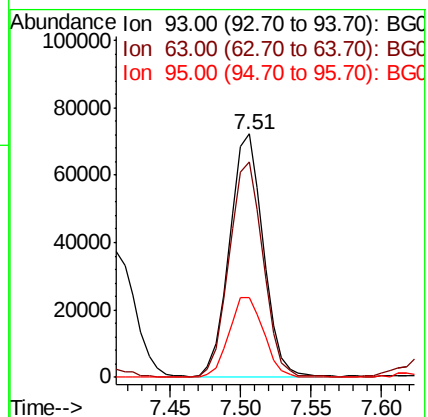
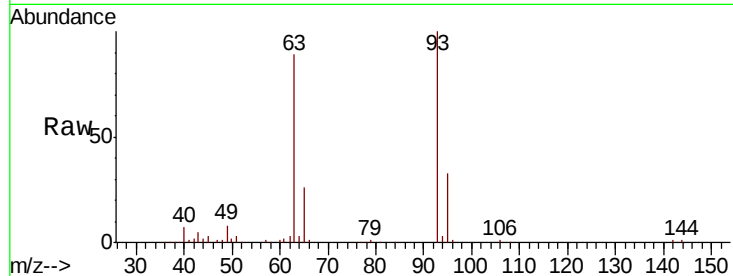
Tgt Ion: 93 Resp: 120982

Ion Ratio Lower Upper

93 100

63 88.5 69.5 109.5

95 32.8 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 40.831 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

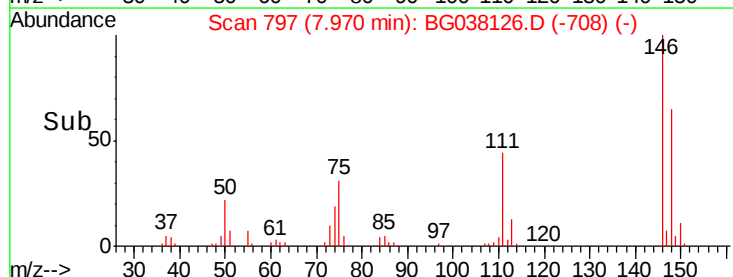
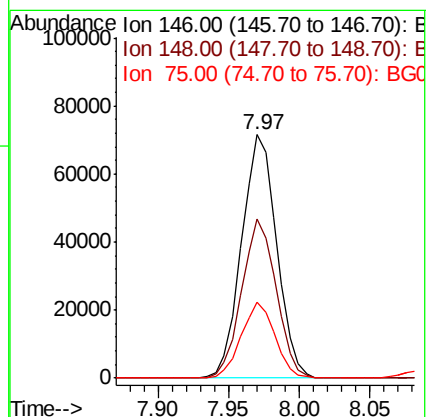
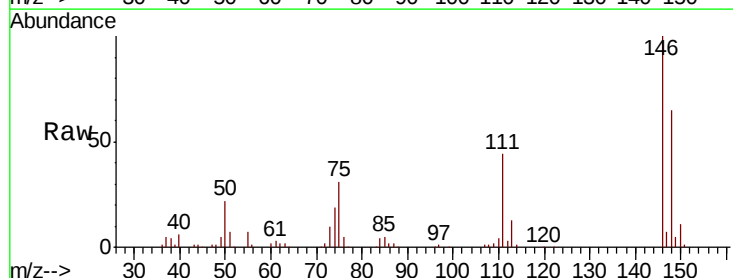
Tgt Ion: 146 Resp: 124346

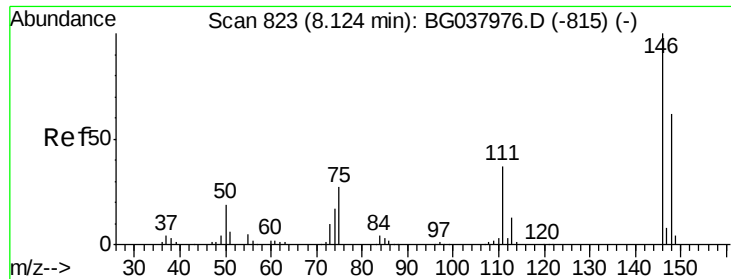
Ion Ratio Lower Upper

146 100

148 65.4 49.8 74.8

75 31.1 23.2 34.8

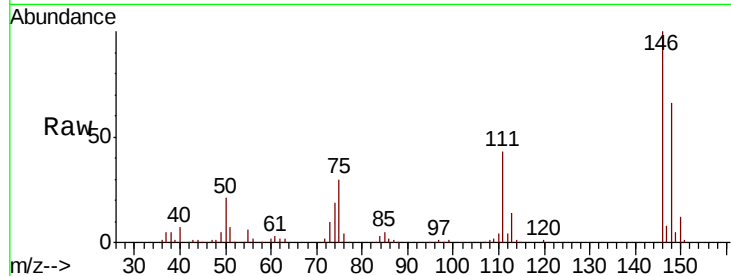




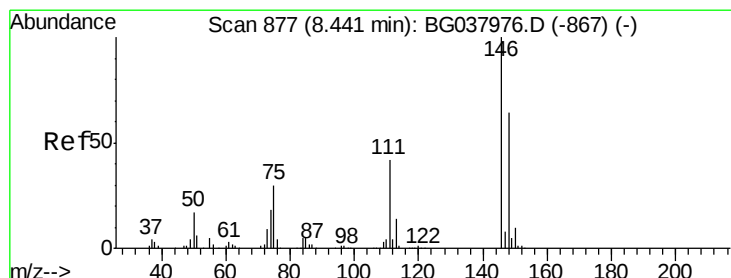
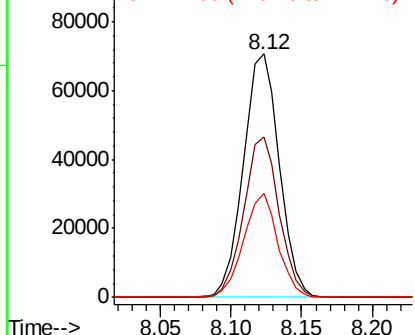
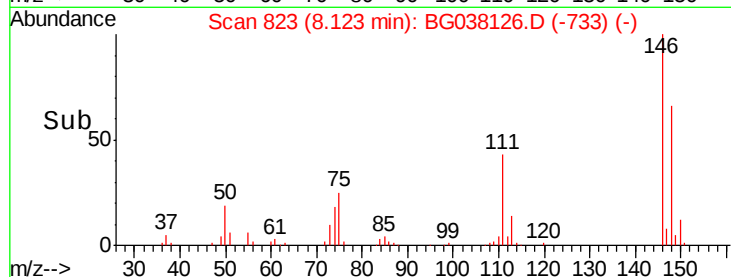
#13
 1,4-Dichlorobenzene
 Concen: 40.872 ng
 RT: 8.12 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion:146 Resp: 125735
 Ion Ratio Lower Upper
 146 100
 148 65.8 51.0 76.6
 111 43.0 32.4 48.6

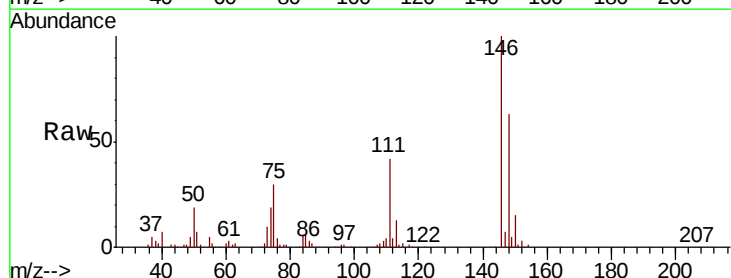


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

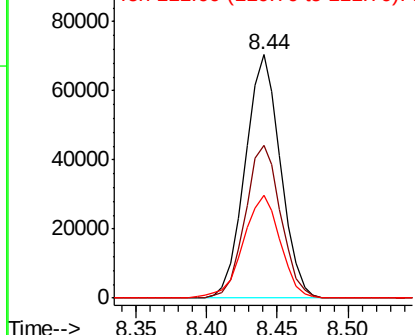
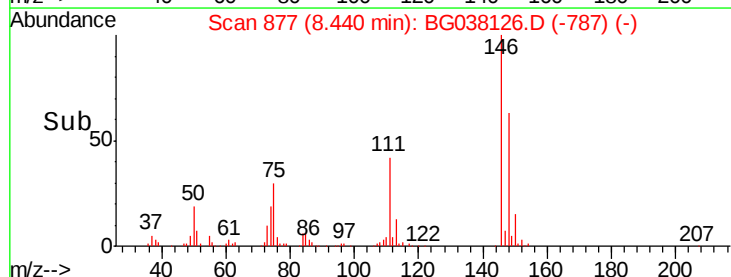


#14
 1,2-Dichlorobenzene
 Concen: 41.957 ng
 RT: 8.44 min Scan# 877
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion:146 Resp: 123231
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.4 75.6
 111 42.0 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 46.220 ng

RT: 8.32 min Scan# 857

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

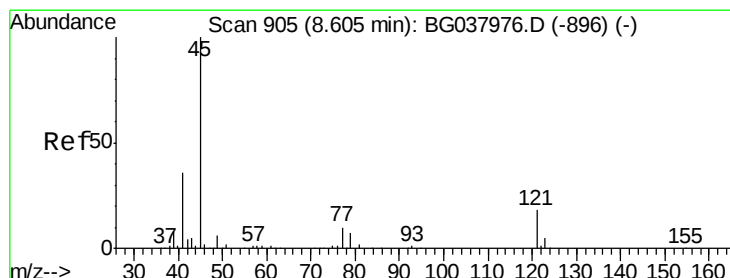
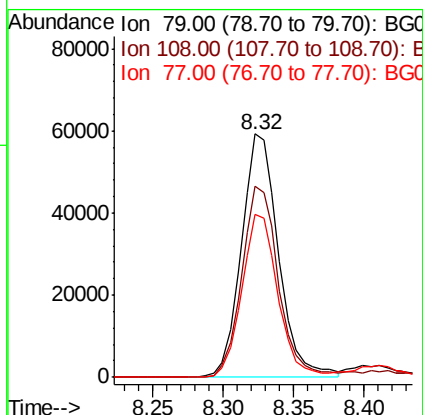
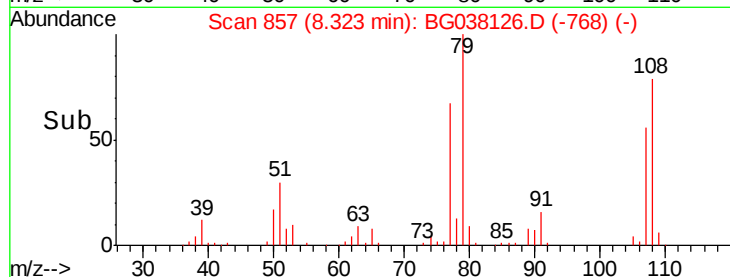
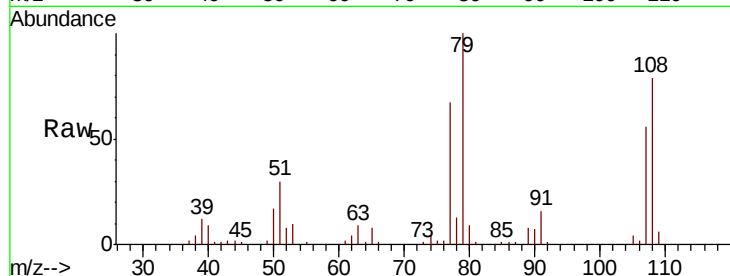
Tgt Ion: 79 Resp: 108762

Ion Ratio Lower Upper

79 100

108 78.7 65.8 98.8

77 66.7 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.154 ng

RT: 8.60 min Scan# 905

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

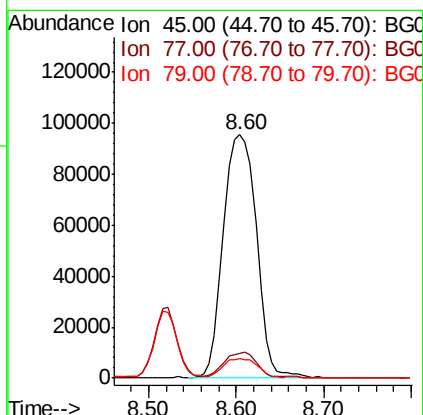
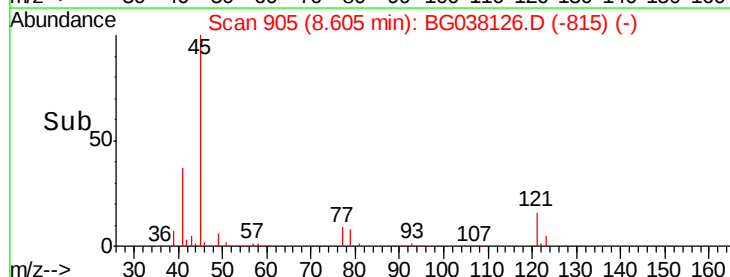
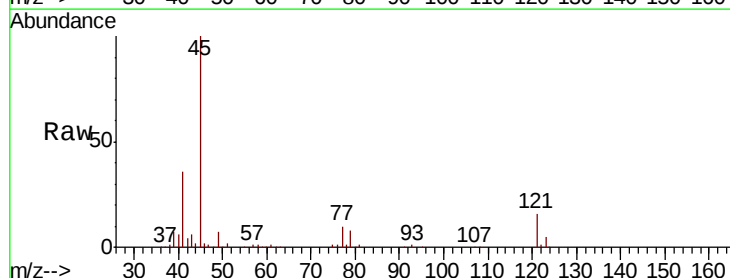
Tgt Ion: 45 Resp: 246232

Ion Ratio Lower Upper

45 100

77 10.2 0.0 30.0

79 8.1 0.0 29.0

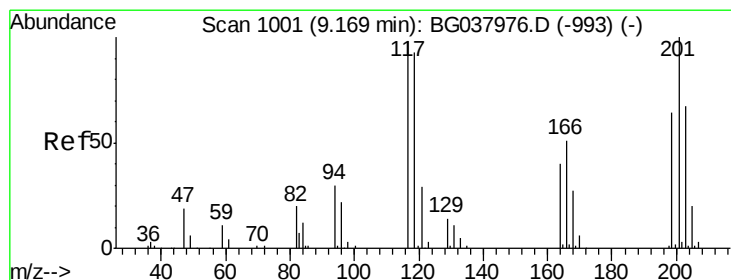
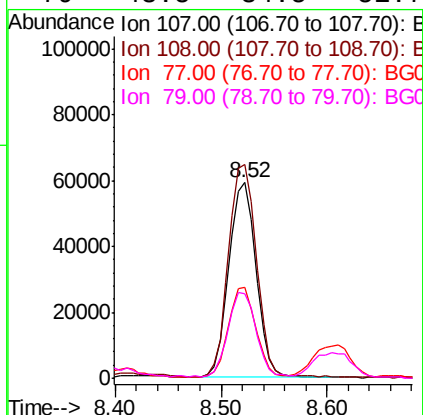
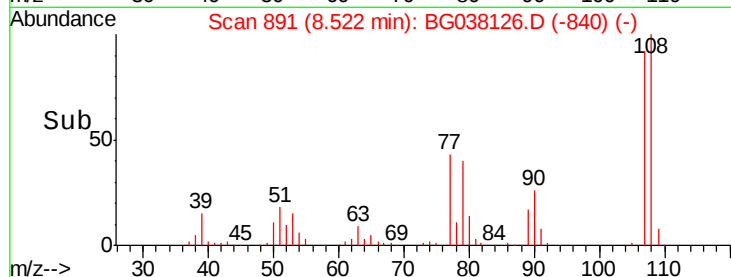
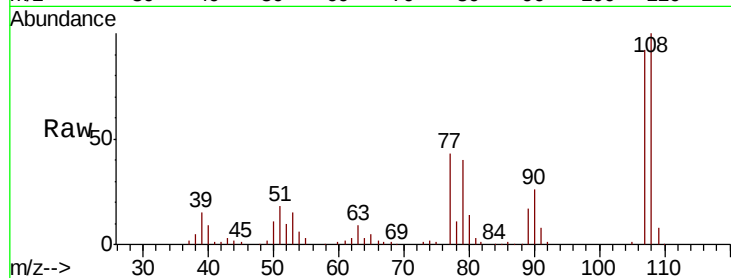




#17
2-Methylphenol
Concen: 45.271 ng
RT: 8.52 min Scan# 891
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

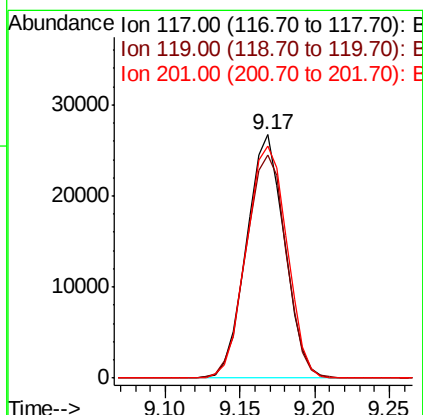
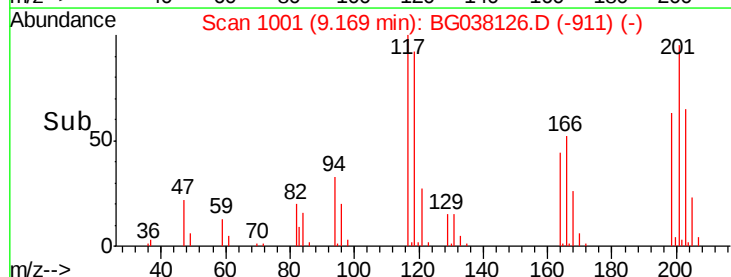
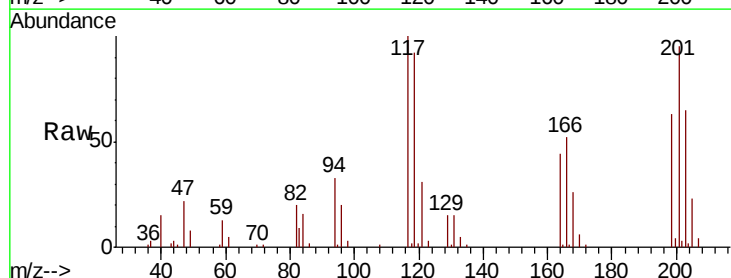
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

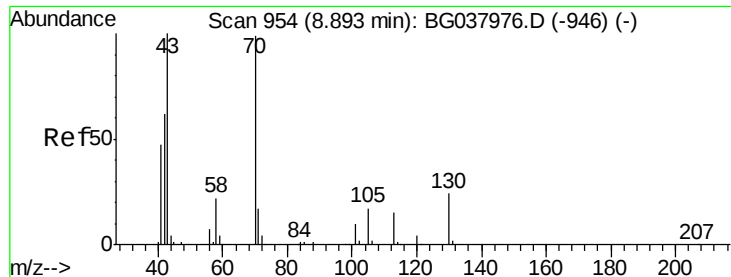
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.1	87.9	131.9
77	46.8	35.1	52.7
79	43.5	34.5	51.7



#18
Hexachloroethane
Concen: 42.001 ng
RT: 9.17 min Scan# 1001
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	74.6	111.8
201	98.5	80.8	121.2

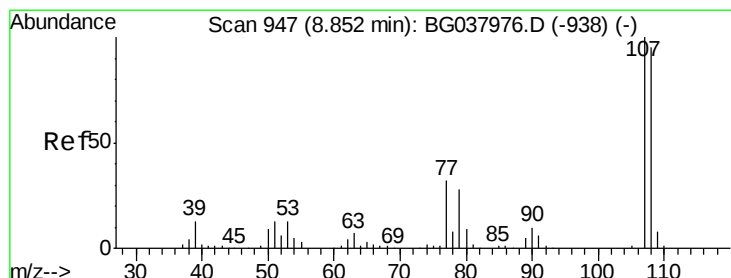
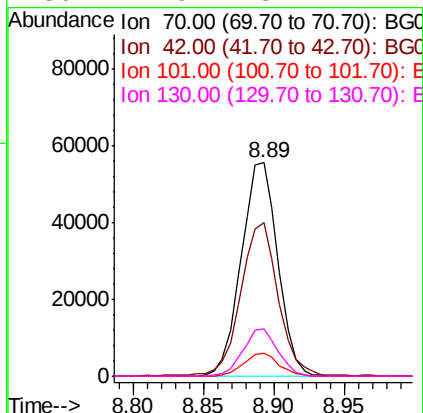
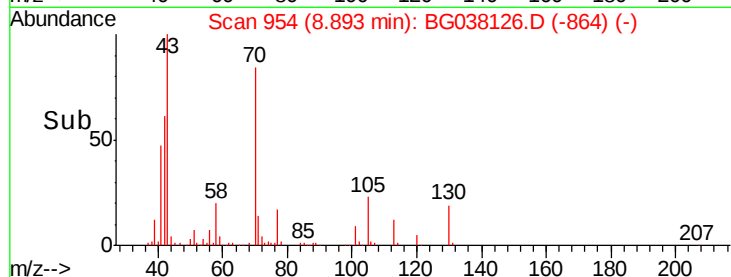
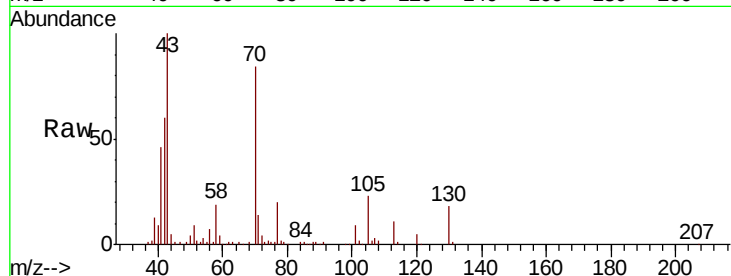




#19
n-Nitroso-di-n-propylamine
Concen: 42.929 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

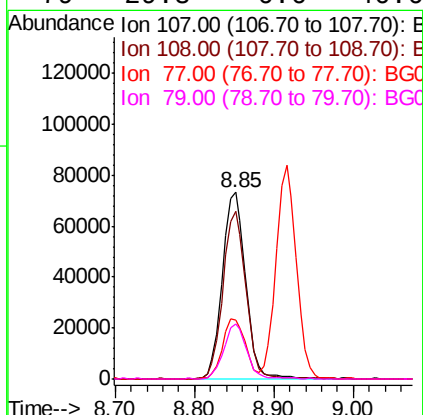
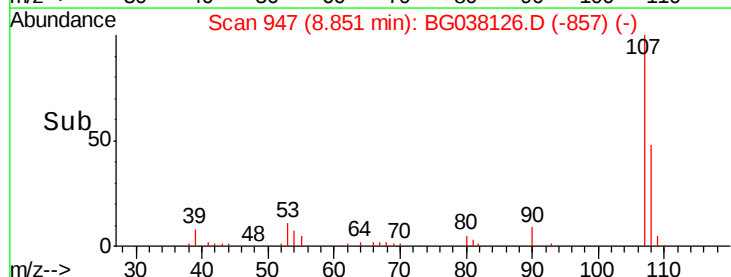
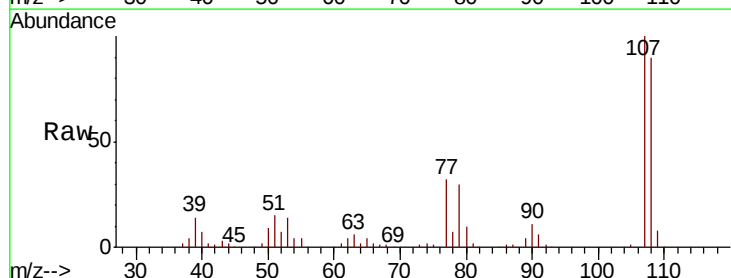
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

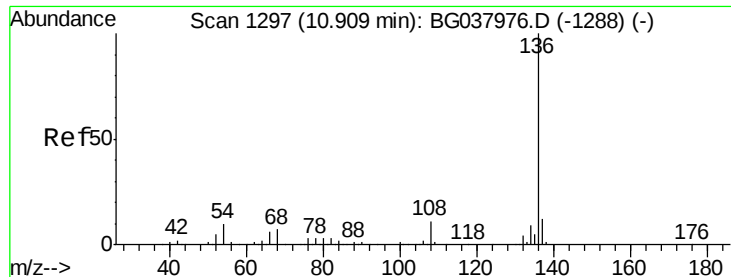
Tgt Ion:	70	Resp:	101017
Ion	Ratio	Lower	Upper
70	100		
42	72.1	53.9	80.9
101	10.7	8.2	12.2
130	21.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 45.355 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:	107	Resp:	149734
Ion	Ratio	Lower	Upper
107	100		
108	90.1	69.9	109.9
77	31.7	11.2	51.2
79	29.8	6.6	46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.91 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

Tgt Ion:136 Resp: 173245

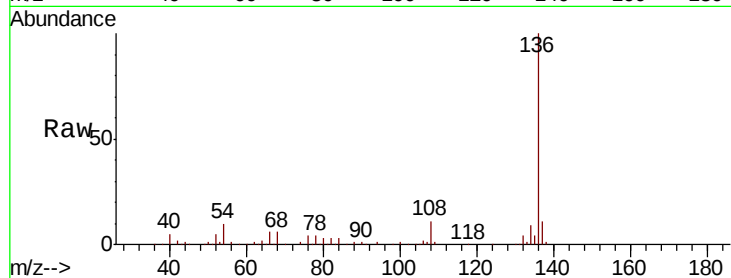
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 10.3 7.9 11.9

68 5.6 4.8 7.2

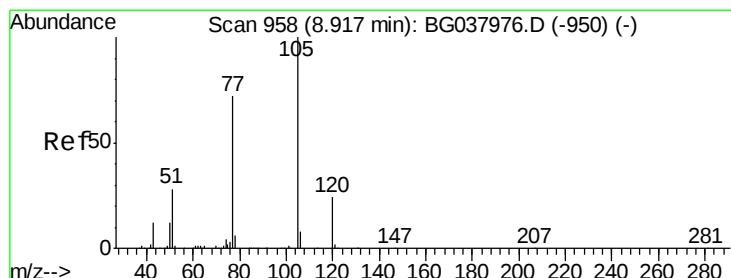
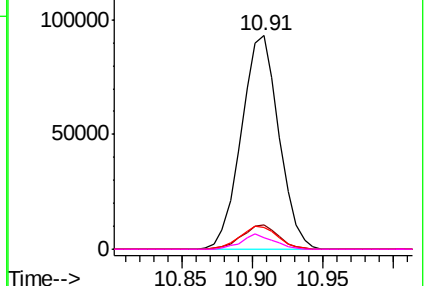
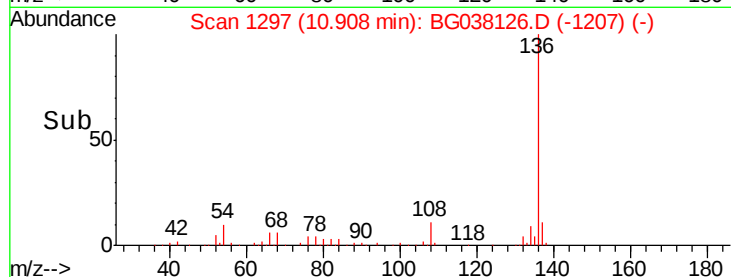


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 43.930 ng

RT: 8.92 min Scan# 958

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:105 Resp: 189356

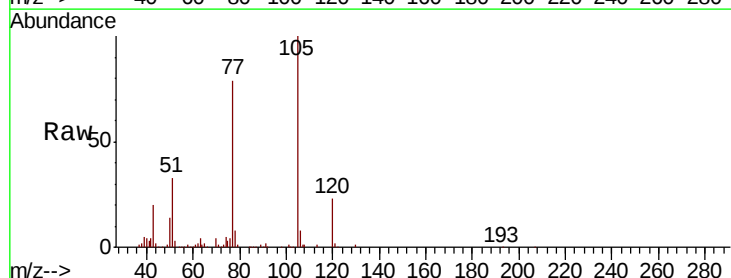
Ion Ratio Lower Upper

105 100

71 0.7 1.2 1.8#

51 32.7 25.0 37.6

120 23.0 18.6 28.0

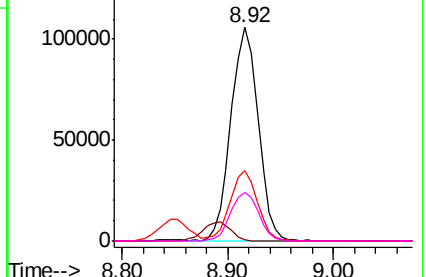
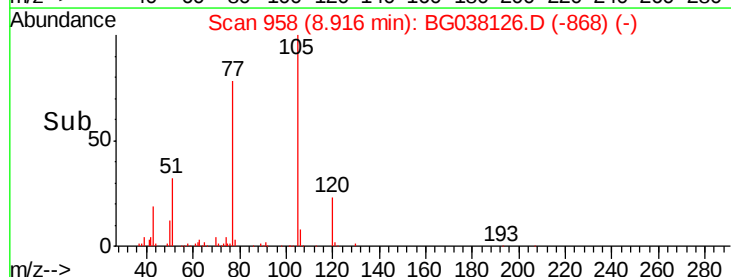


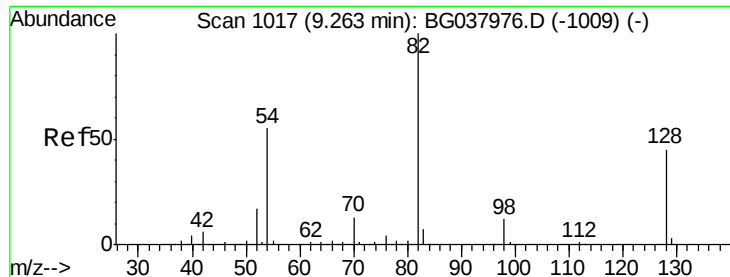
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

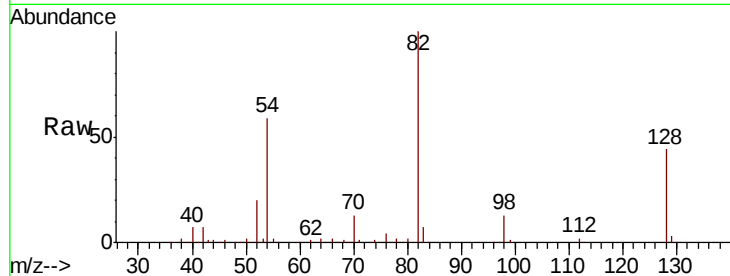




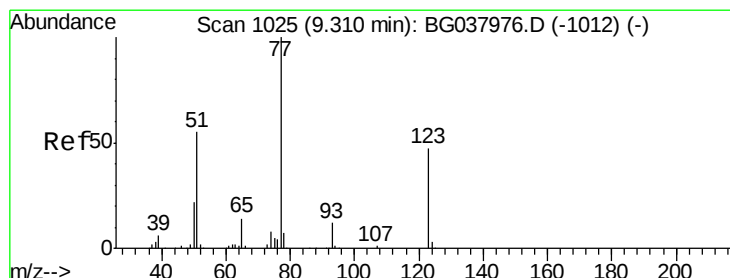
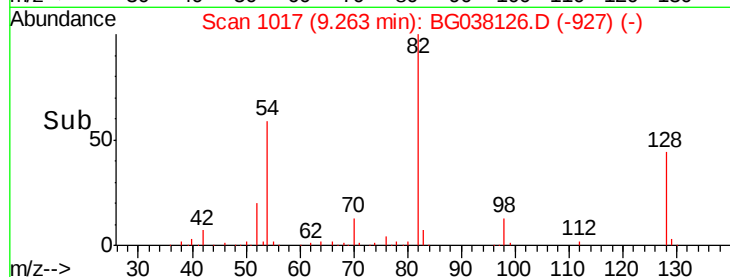
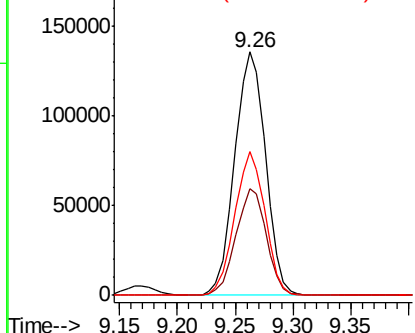
#23
 Nitrobenzene-d5
 Concen: 77.680 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion: 82 Resp: 251404
 Ion Ratio Lower Upper
 82 100
 128 43.8 34.6 51.8
 54 59.3 45.3 67.9

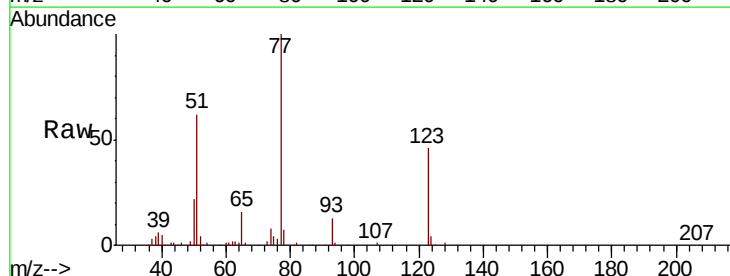


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

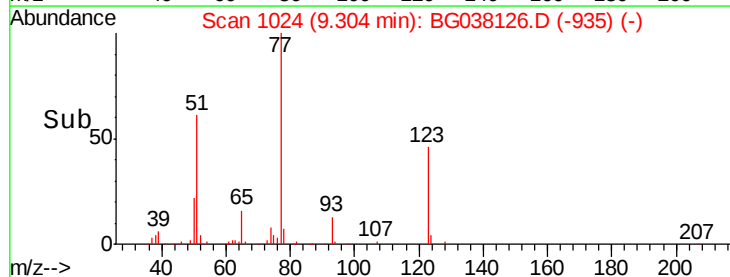
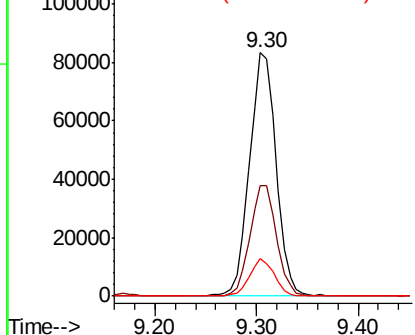


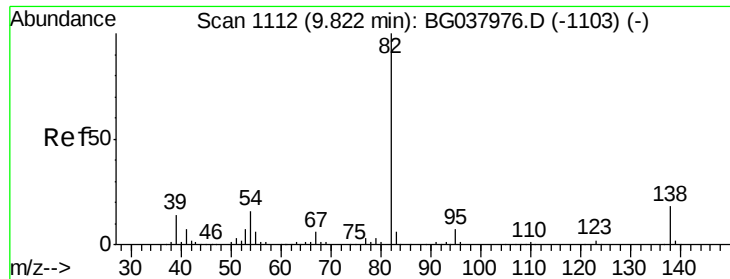
#24
 Nitrobenzene
 Concen: 45.825 ng
 RT: 9.30 min Scan# 1024
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion: 77 Resp: 151714
 Ion Ratio Lower Upper
 77 100
 123 45.6 33.6 50.4
 65 15.6 11.3 16.9



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





#25

Isophorone

Concen: 49.556 ng

RT: 9.82 min Scan# 1112

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

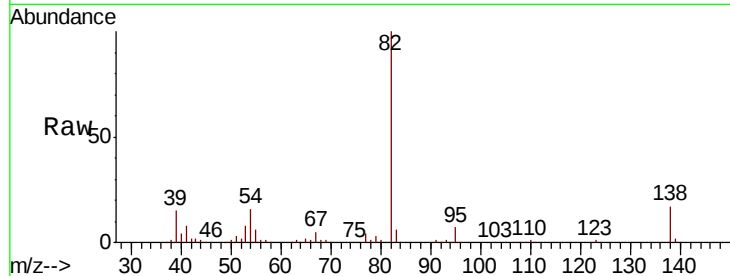
Tgt Ion: 82 Resp: 288675

Ion Ratio Lower Upper

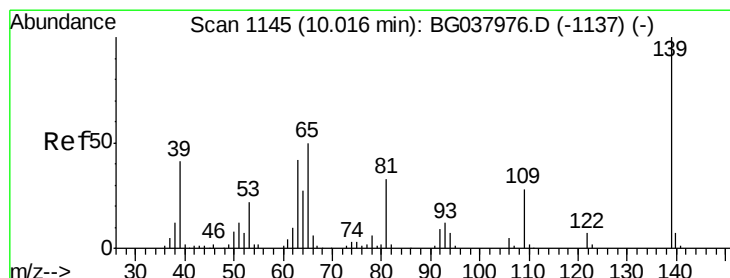
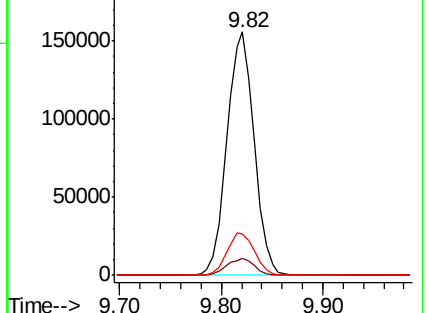
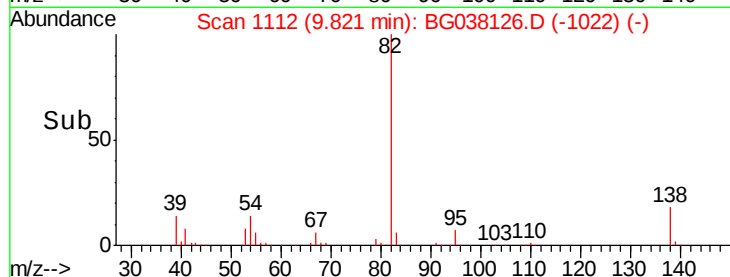
82 100

95 7.1 5.3 7.9

138 17.2 13.3 19.9



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



#26

2-Nitrophenol

Concen: 42.345 ng

RT: 10.02 min Scan# 1146

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

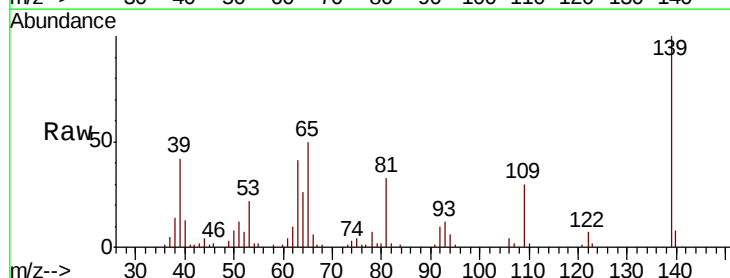
Tgt Ion: 139 Resp: 69988

Ion Ratio Lower Upper

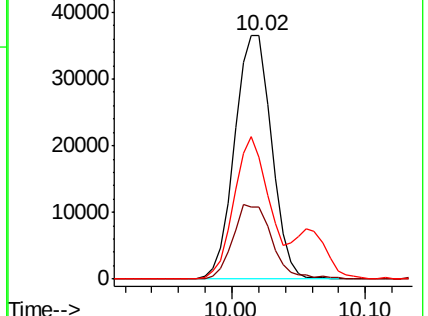
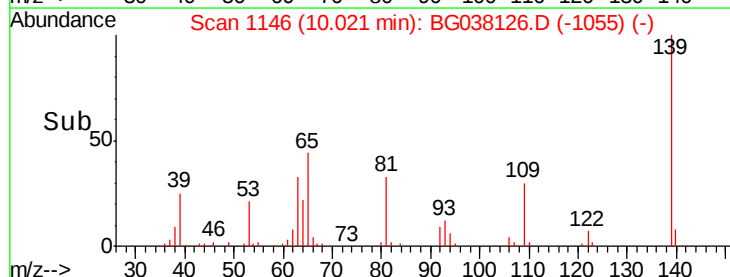
139 100

109 29.8 23.3 34.9

65 50.3 39.8 59.8



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

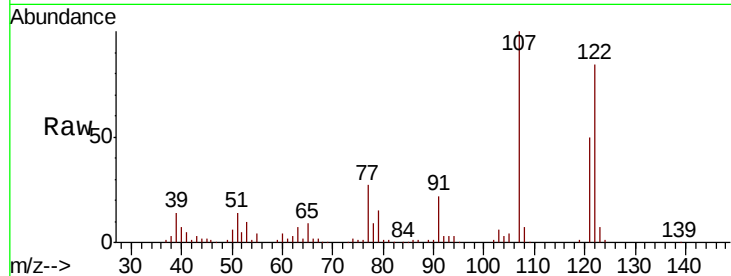




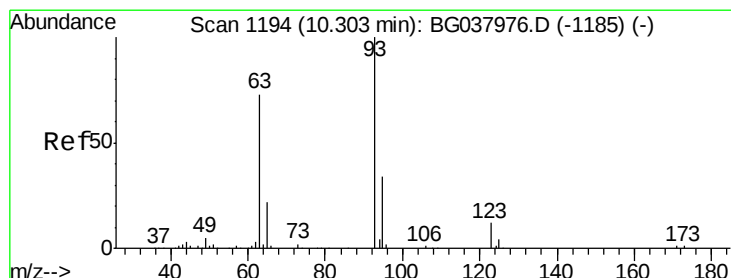
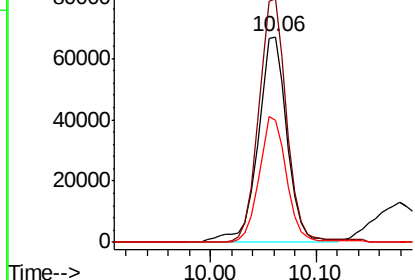
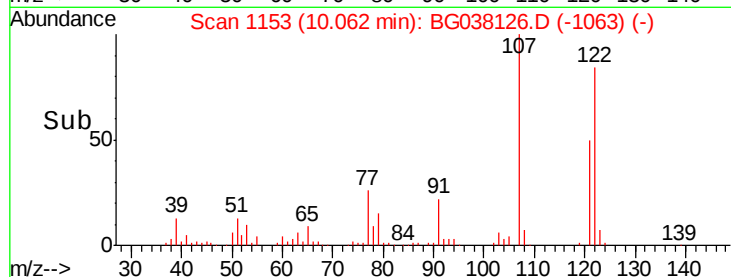
#27
 2,4-Dimethylphenol
 Concen: 51.557 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion:122 Resp: 128388
 Ion Ratio Lower Upper
 122 100
 107 118.5 94.2 141.2
 121 59.2 47.3 70.9

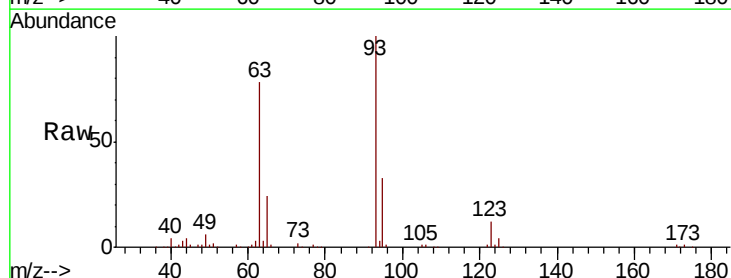


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

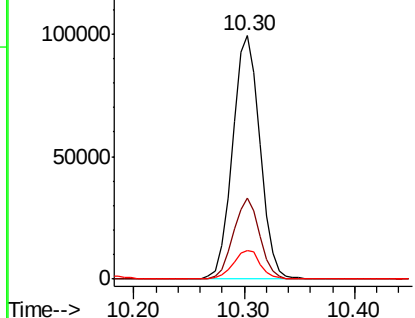
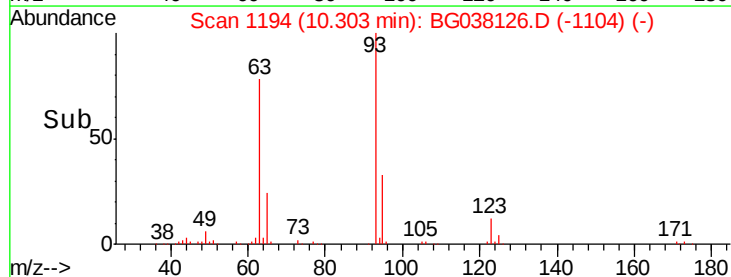


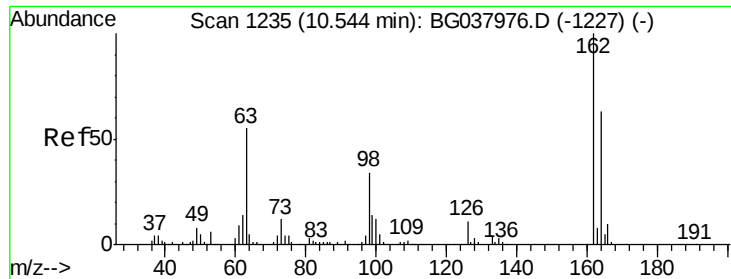
#28
 bis(2-Chloroethoxy)methane
 Concen: 46.500 ng
 RT: 10.30 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion: 93 Resp: 173209
 Ion Ratio Lower Upper
 93 100
 95 33.4 24.6 37.0
 123 11.6 9.1 13.7



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

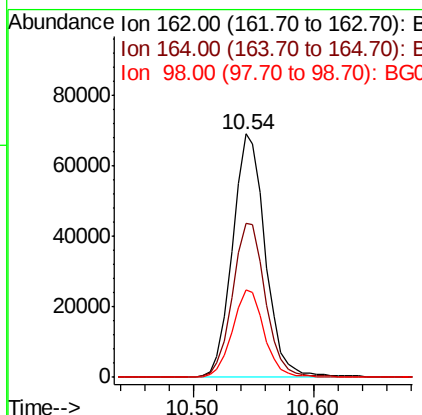
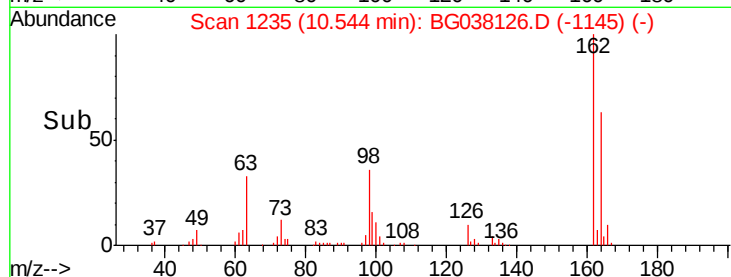
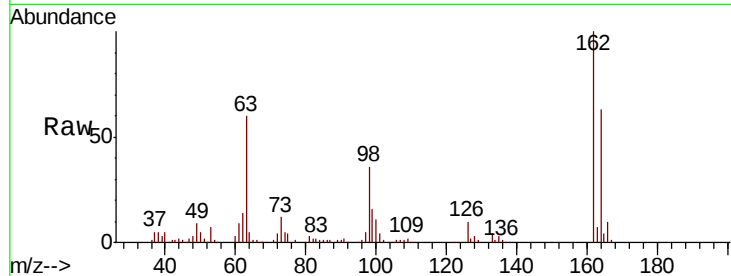




#29
 2,4-Dichlorophenol
 Concen: 46.501 ng
 RT: 10.54 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

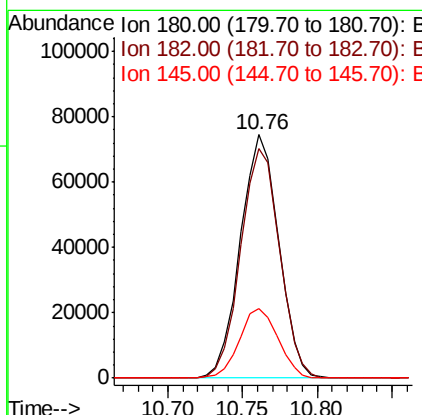
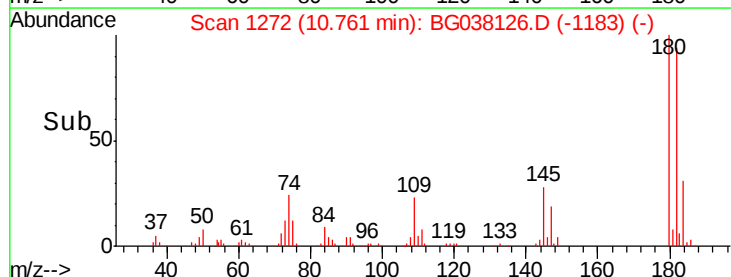
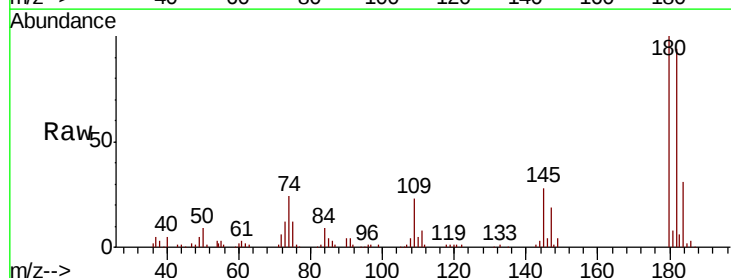
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

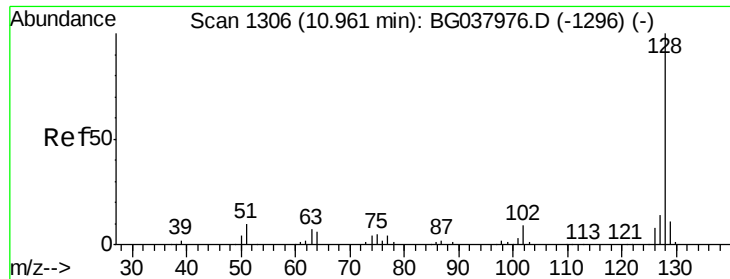
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.2	83.2
98	36.2	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 42.217 ng
 RT: 10.76 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	77.7	116.5
145	28.5	23.3	34.9

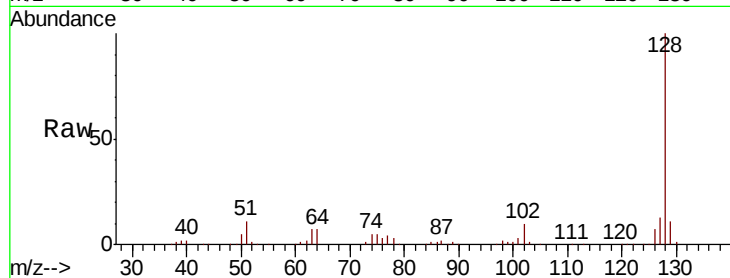




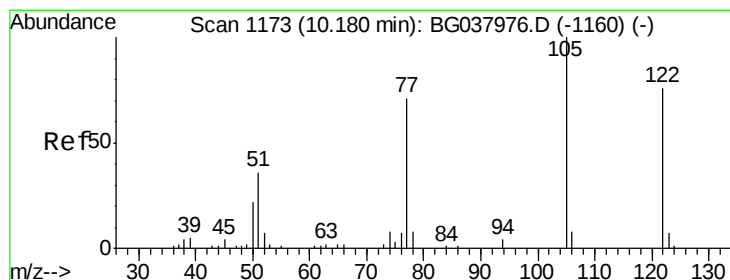
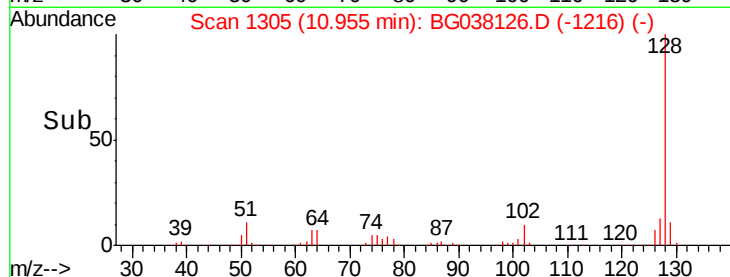
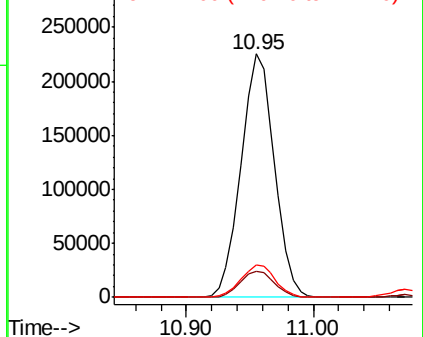
#31
Naphthalene
Concen: 48.223 ng
RT: 10.95 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion:128 Resp: 410909
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.6
127 13.4 11.1 16.7

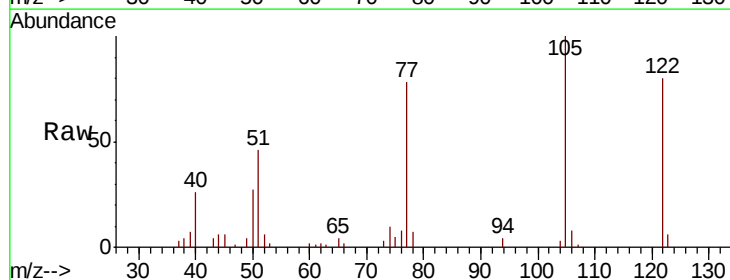


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

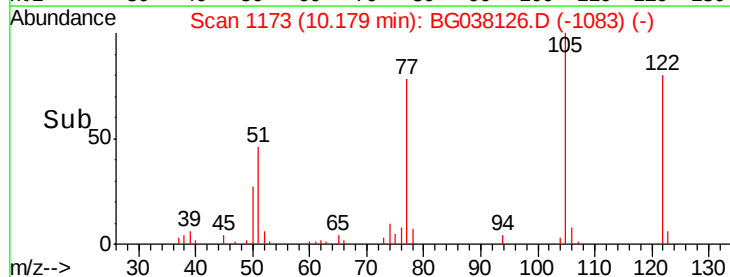
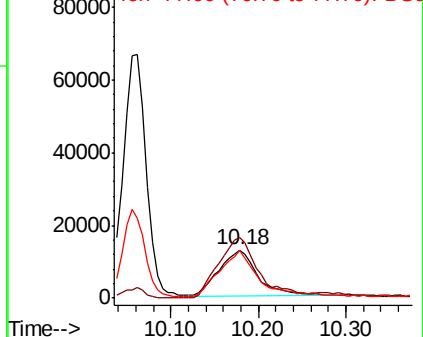


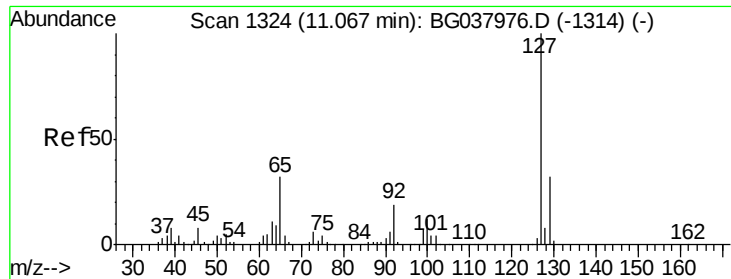
#32
Benzoic acid
Concen: 30.351 ng
RT: 10.18 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:122 Resp: 38880
Ion Ratio Lower Upper
122 100
105 125.4 106.7 146.7
77 98.3 72.2 112.2



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

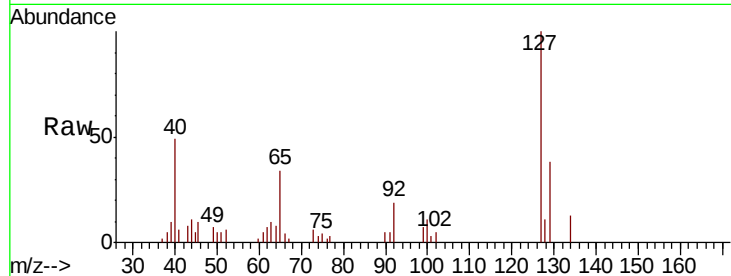




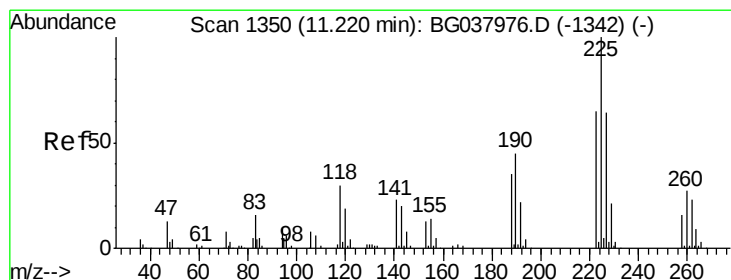
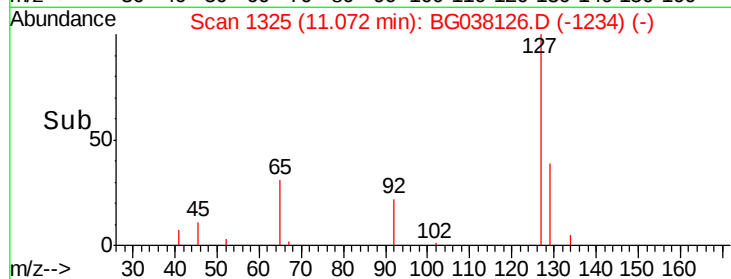
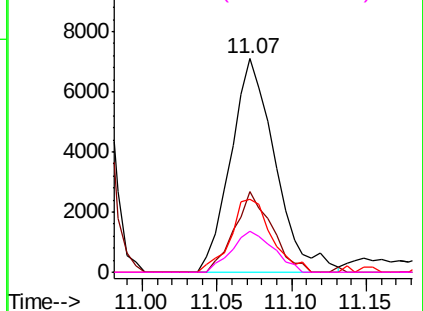
#33
4-Chloroaniline
Concen: 3.710 ng
RT: 11.07 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion:	127	Resp:	14704
Ion	Ratio	Lower	Upper
127	100		
129	37.6	27.1	40.7
65	34.1	26.6	39.8
92	19.0	16.4	24.6

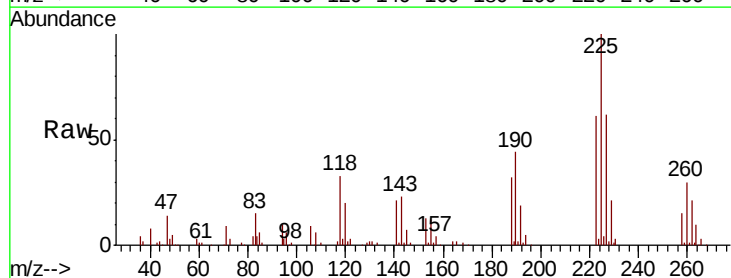


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

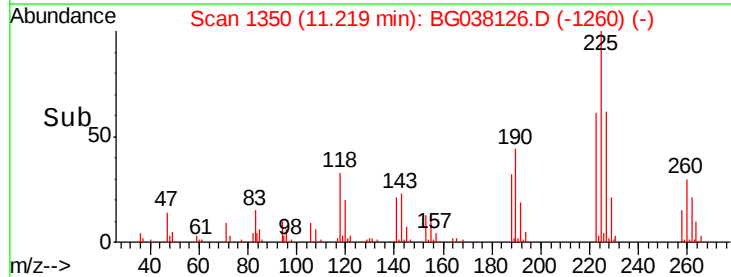
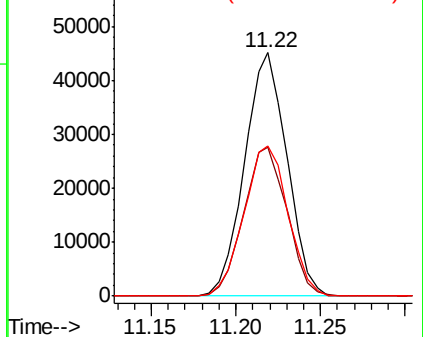


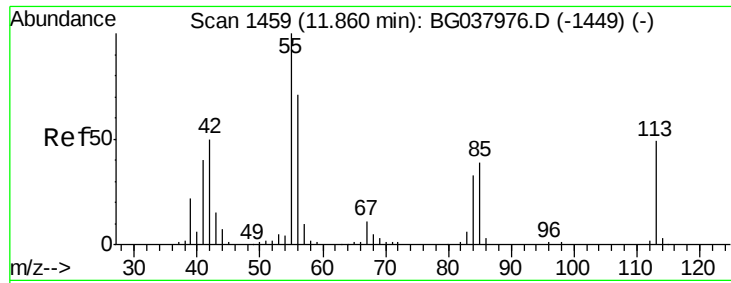
#34
Hexachlorobutadiene
Concen: 40.665 ng
RT: 11.22 min Scan# 1350
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:	225	Resp:	78556
Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	61.6	51.6	77.4



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





#35

Caprolactam

Concen: 30.151 ng

RT: 11.85 min Scan# 1457

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

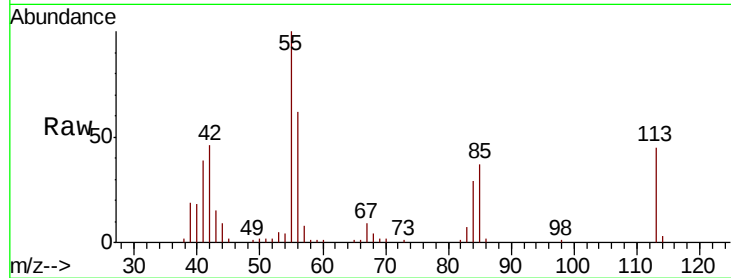
Tgt Ion:113 Resp: 33804

Ion Ratio Lower Upper

113 100

55 223.1 176.6 216.6#

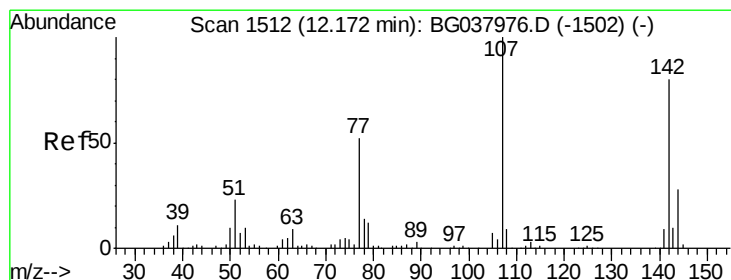
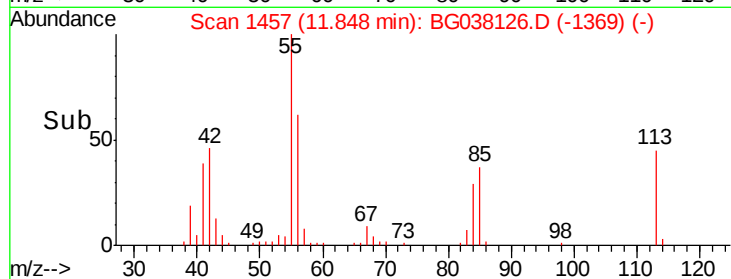
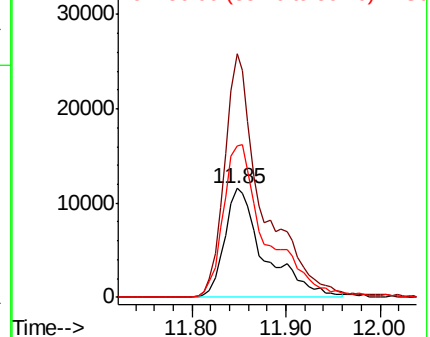
56 139.1 128.3 168.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG037976.D (-1449) (-)

Ion 56.00 (55.70 to 56.70): BG037976.D (-1449) (-)



#36

4-Chloro-3-methylphenol

Concen: 46.748 ng

RT: 12.17 min Scan# 1512

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

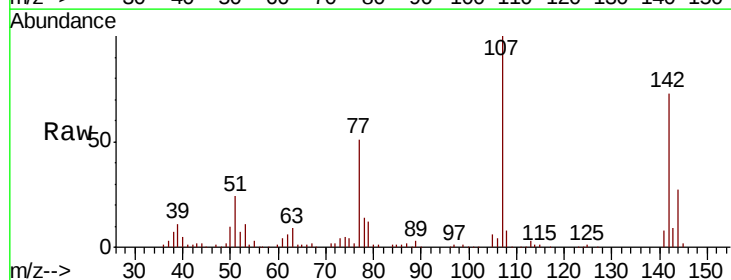
Tgt Ion:107 Resp: 143056

Ion Ratio Lower Upper

107 100

144 26.6 20.7 31.1

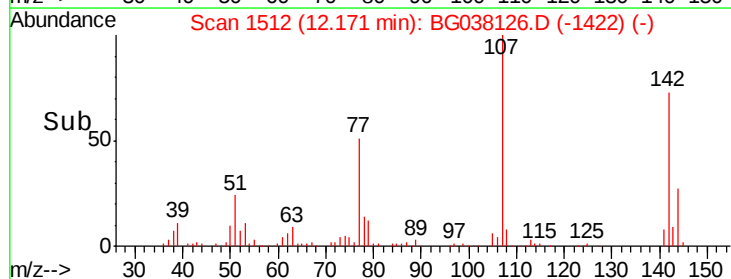
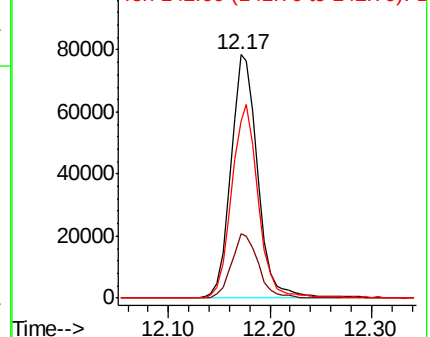
142 72.8 64.4 96.6

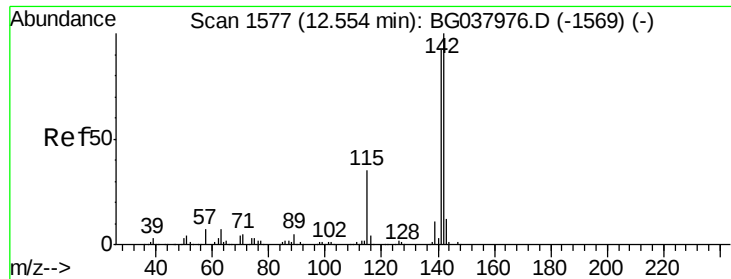


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

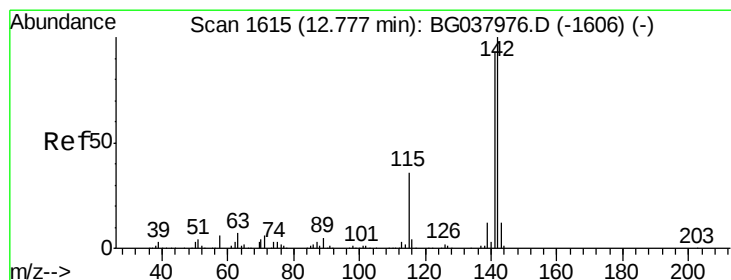
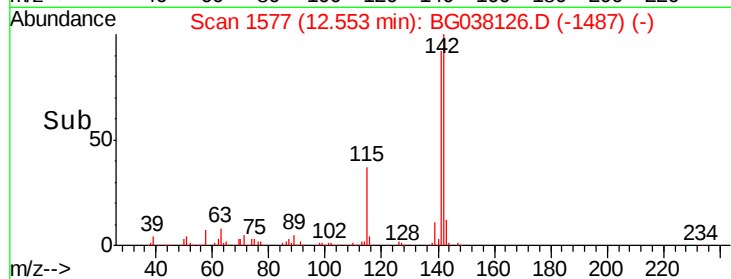
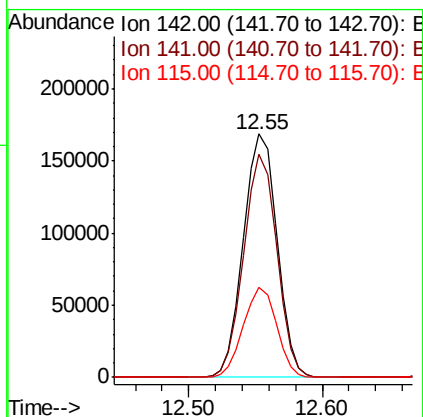
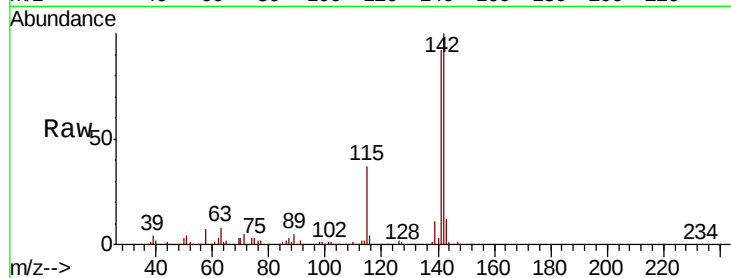




#37
 2-Methylnaphthalene
 Concen: 48.237 ng
 RT: 12.55 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

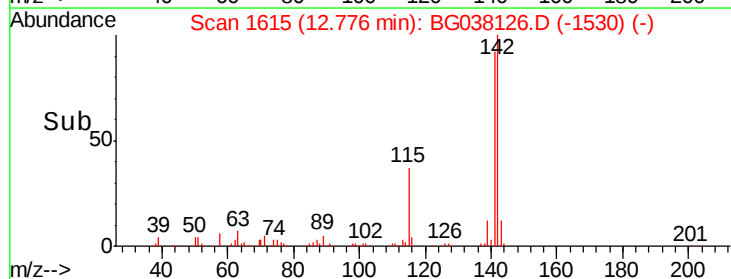
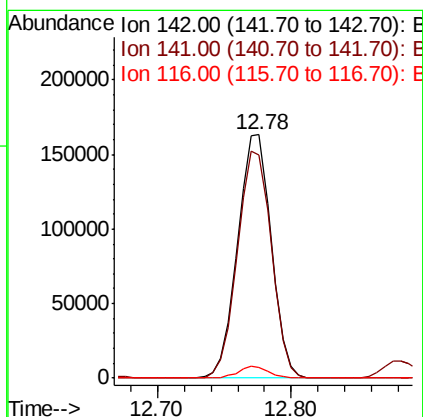
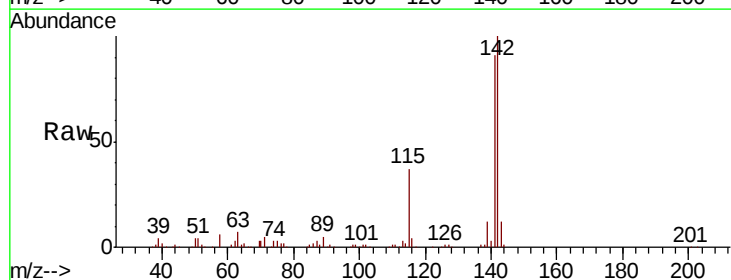
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

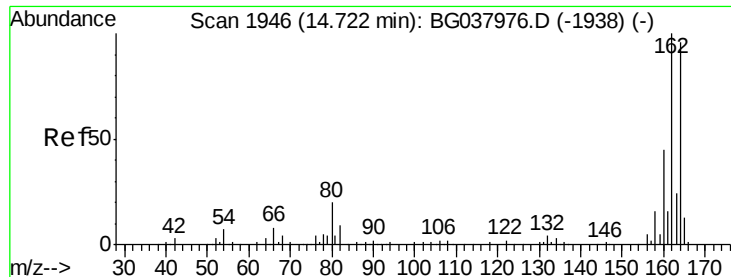
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	71.9	107.9
115	37.2	27.8	41.8



#38
 1-Methylnaphthalene
 Concen: 48.151 ng
 RT: 12.78 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	75.2	112.8
116	4.3	3.3	4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

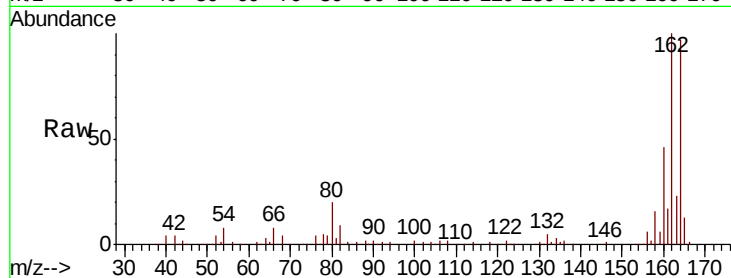
Tgt Ion:164 Resp: 109948

Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

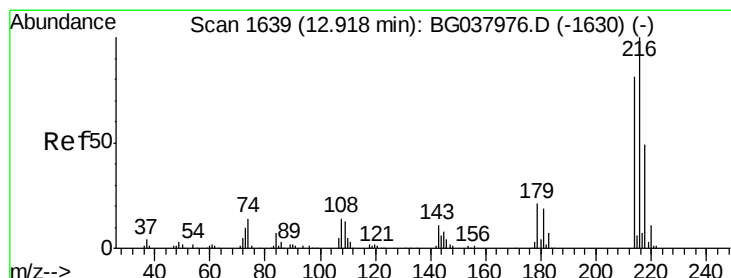
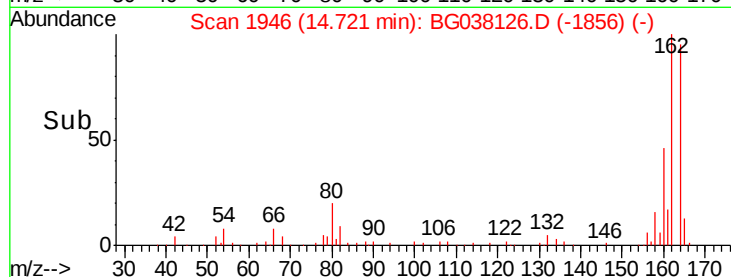
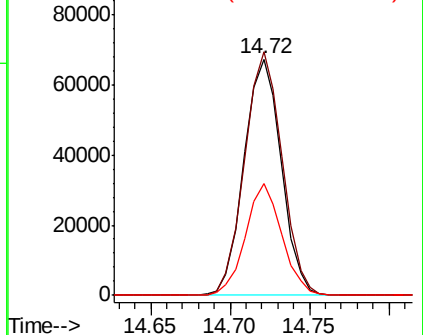
160 47.6 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.039 ng

RT: 12.92 min Scan# 1639

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Tgt Ion:216 Resp: 150776

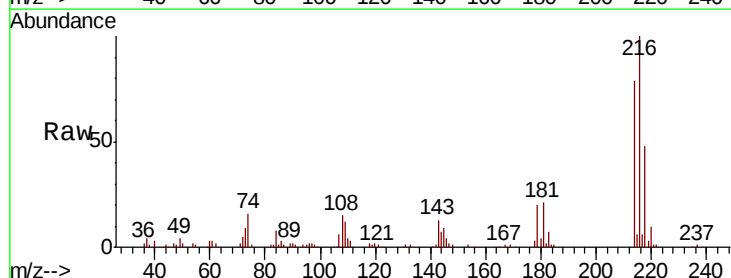
Ion Ratio Lower Upper

216 100

214 79.3 63.8 95.6

179 21.1 17.4 26.0

108 20.1 13.9 20.9

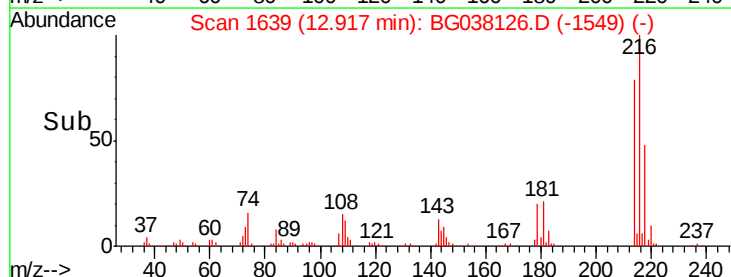
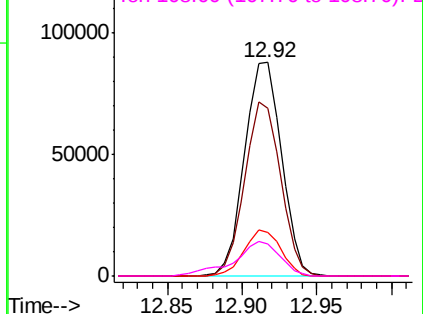


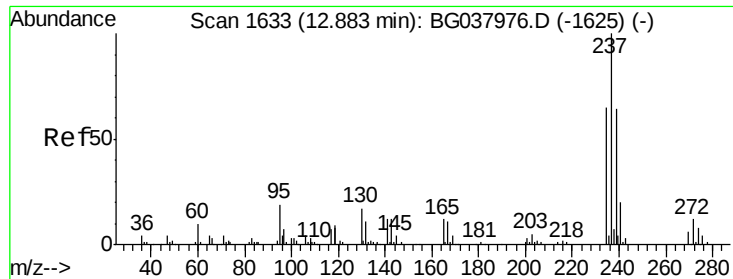
Abundance Ion 216.00 (215.70 to 216.70): E

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: 85.735 ng

RT: 12.88 min Scan# 1633

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

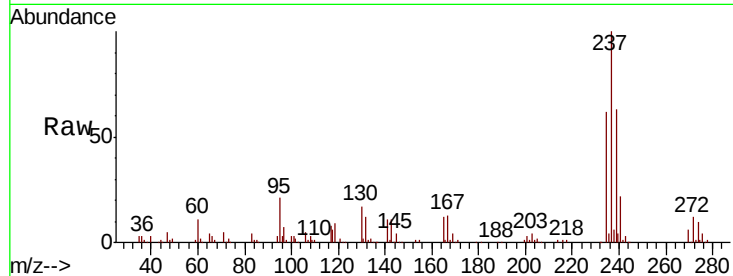
Tgt Ion: 237 Resp: 168669

Ion Ratio Lower Upper

237 100

235 62.4 42.5 82.5

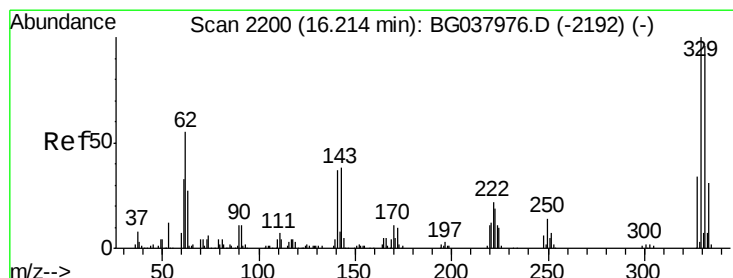
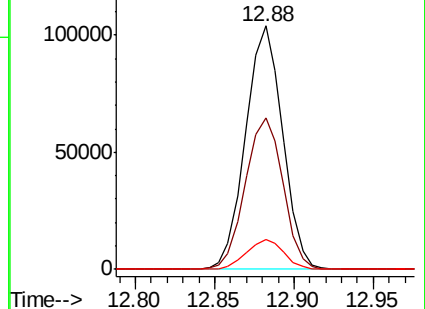
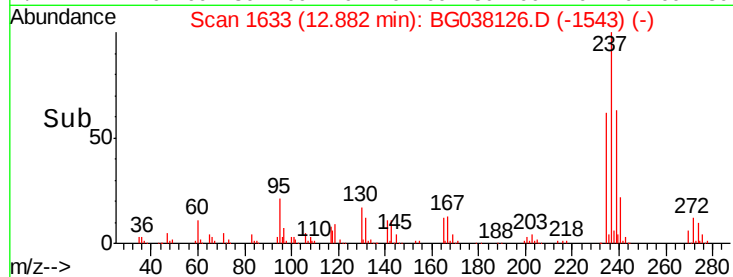
272 12.3 0.0 31.6



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 111.381 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

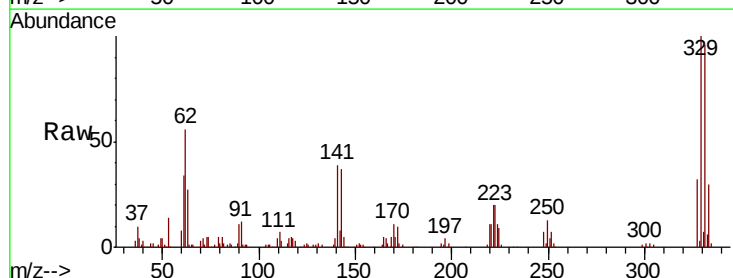
Tgt Ion: 330 Resp: 139664

Ion Ratio Lower Upper

330 100

332 96.4 78.4 117.6

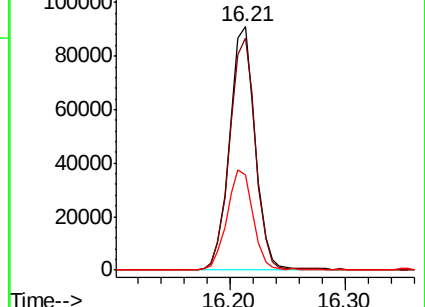
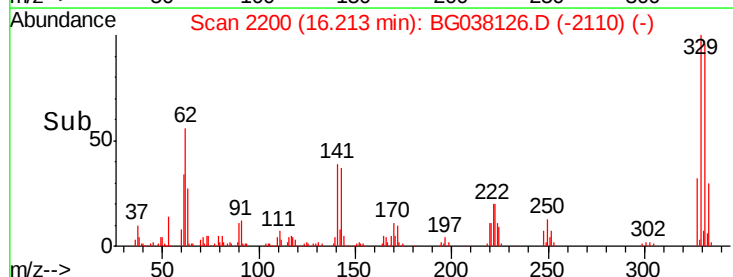
141 41.9 32.2 48.2

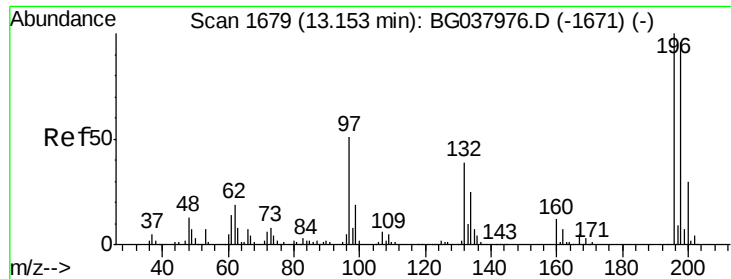


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

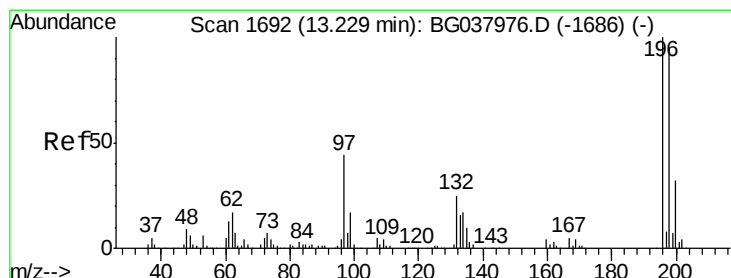
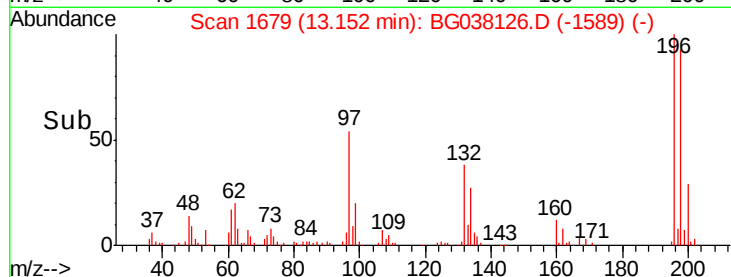
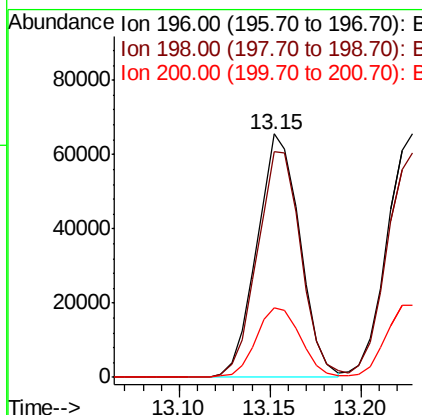
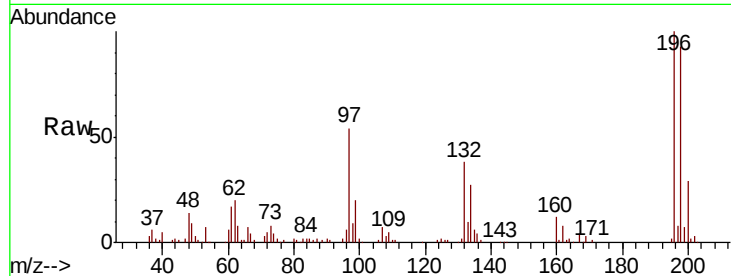




#43
 2,4,6-Trichlorophenol
 Concen: 43.151 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

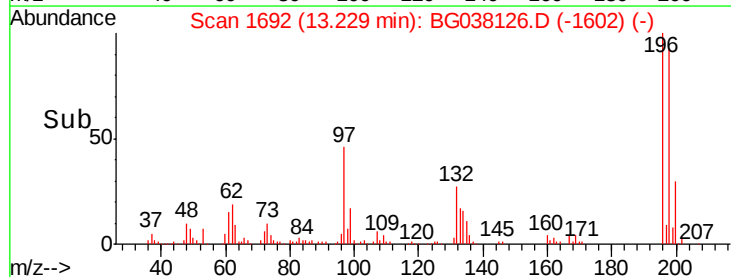
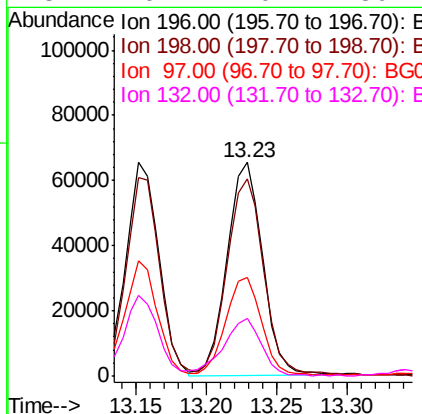
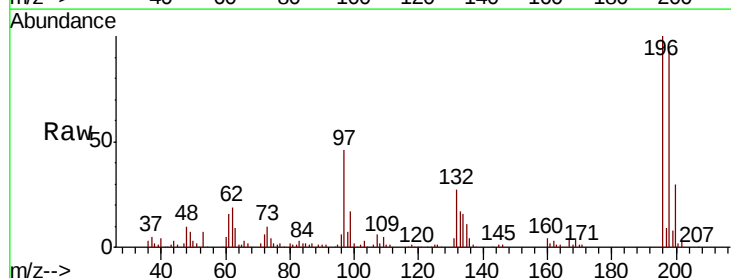
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

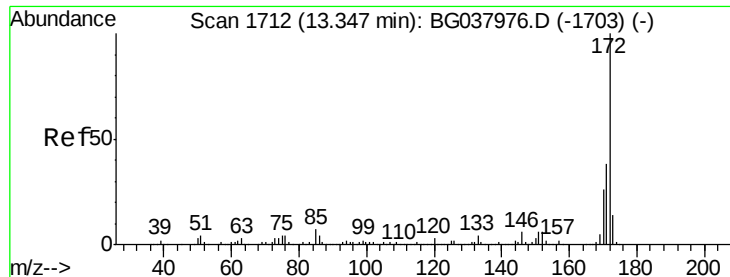
Tgt Ion:196 Resp: 108031
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.4 114.6
 200 28.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 43.409 ng
 RT: 13.23 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion:196 Resp: 114348
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.2
 97 46.4 34.1 51.1
 132 26.7 20.2 30.4

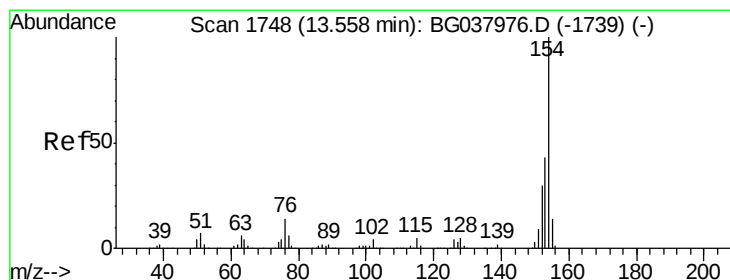
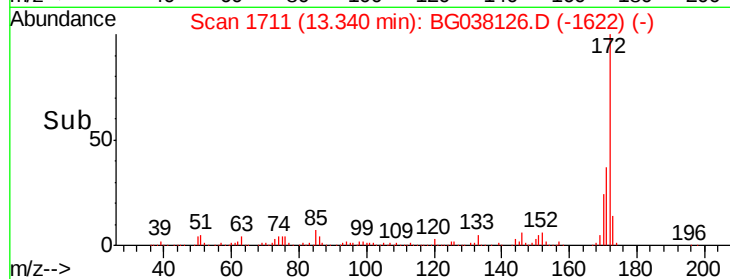
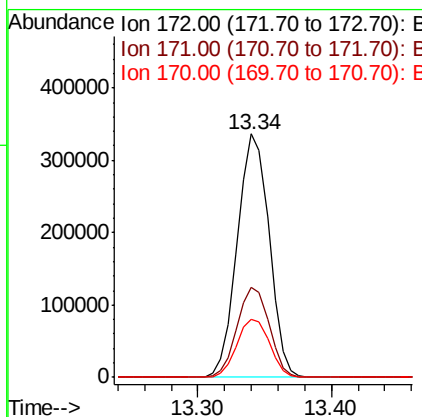
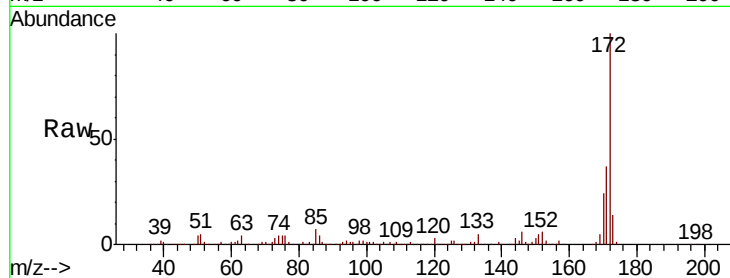




#45
 2-Fluorobiphenyl
 Concen: 73.550 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

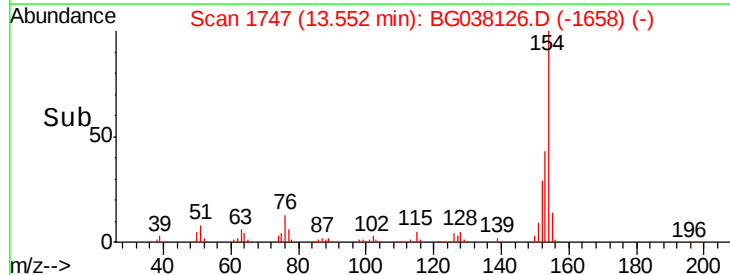
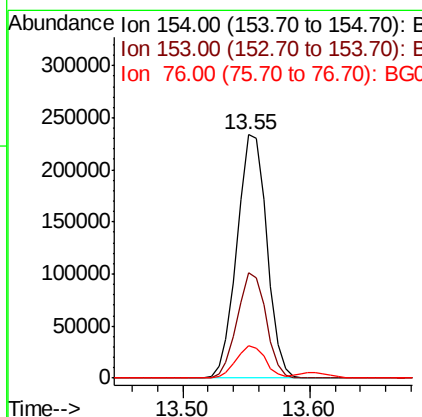
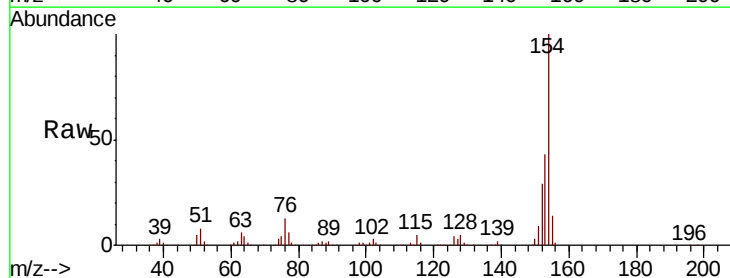
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

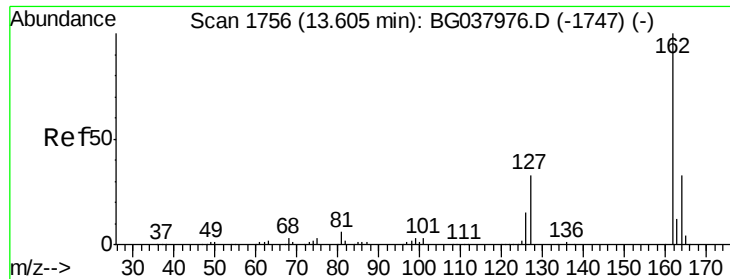
Tgt Ion:172 Resp: 555078
 Ion Ratio Lower Upper
 172 100
 171 37.1 31.0 46.4
 170 24.1 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 41.157 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion:154 Resp: 380163
 Ion Ratio Lower Upper
 154 100
 153 43.2 22.1 62.1
 76 13.2 0.0 33.2

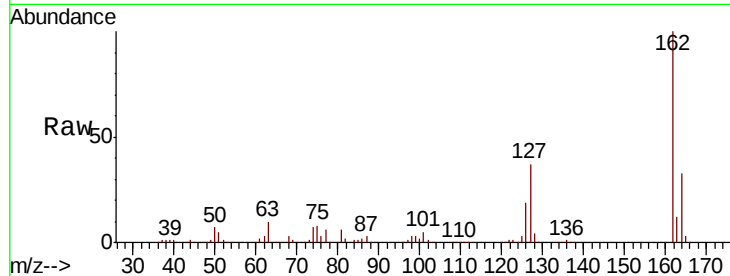




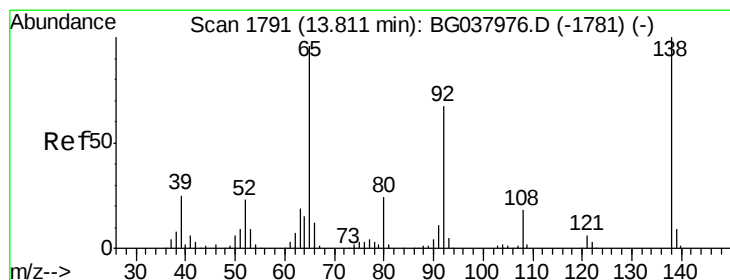
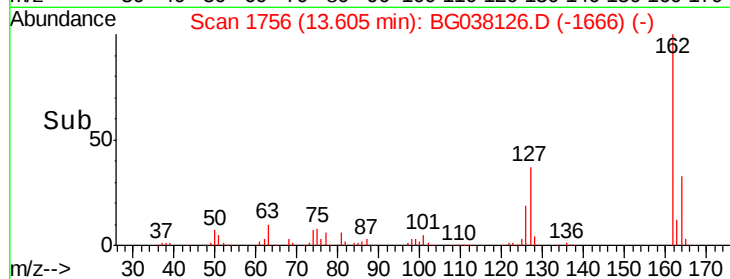
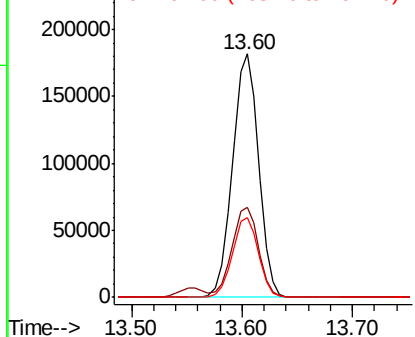
#47
 2-Chloronaphthalene
 Concen: 42.618 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.1	30.5	45.7
164	32.9	26.4	39.6

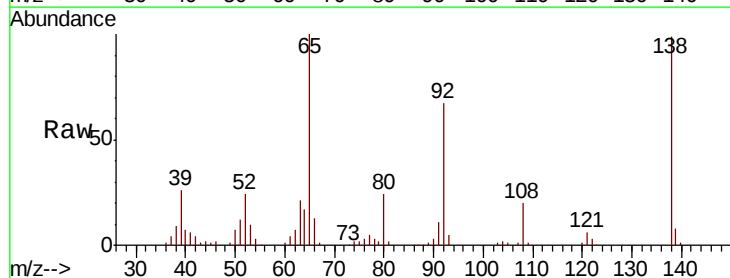


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

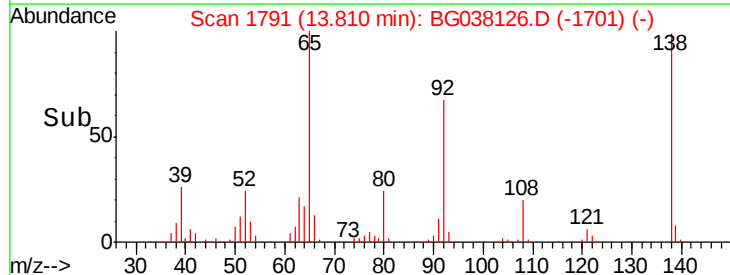
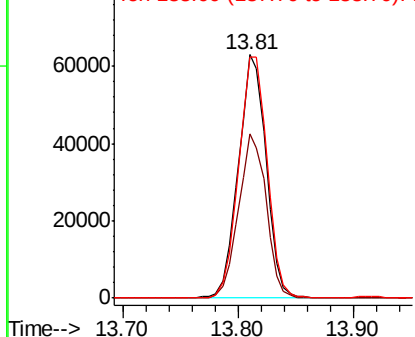


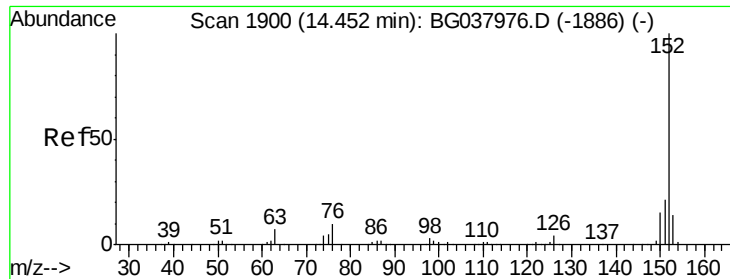
#48
 2-Nitroaniline
 Concen: 47.310 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	53.2	79.8
138	99.1	79.3	118.9



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: 47.178 ng

RT: 14.44 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

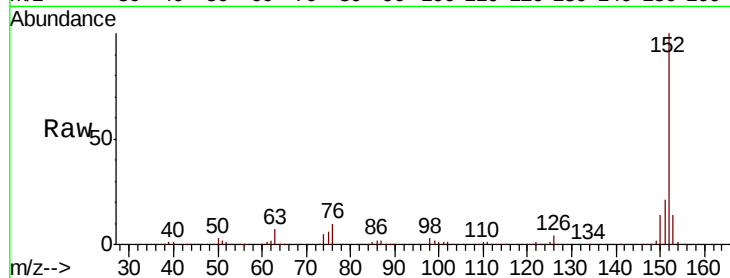
Tgt Ion:152 Resp: 500064

Ion Ratio Lower Upper

152 100

151 20.8 17.1 25.7

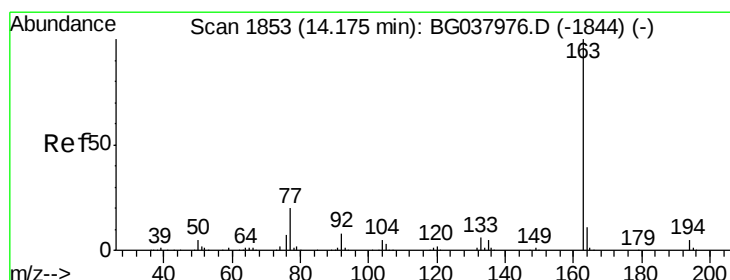
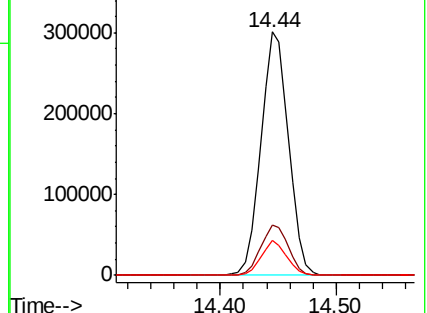
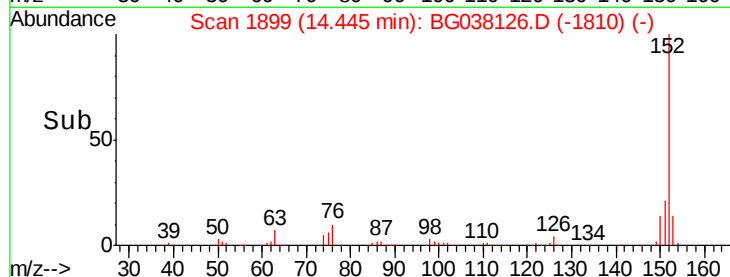
153 14.1 11.1 16.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.351 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

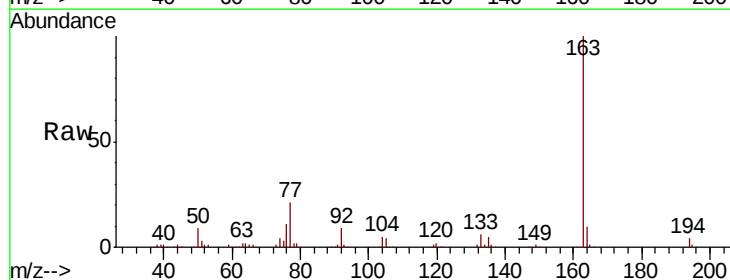
Tgt Ion:163 Resp: 395293

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

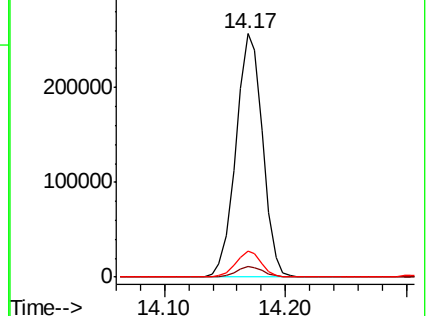
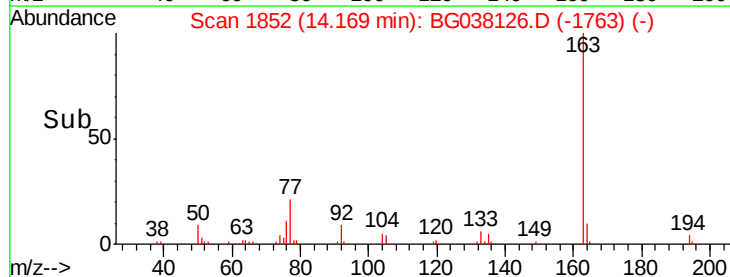
164 10.5 8.5 12.7

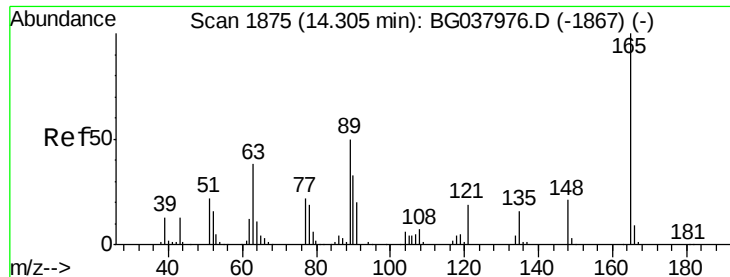


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

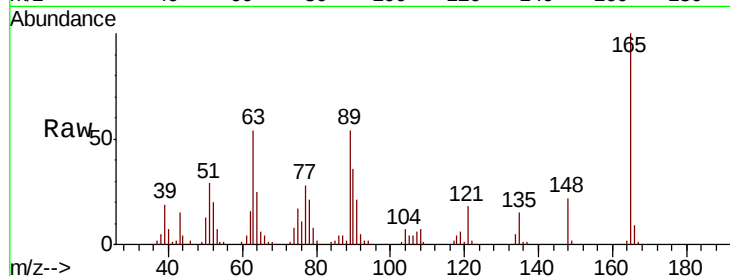




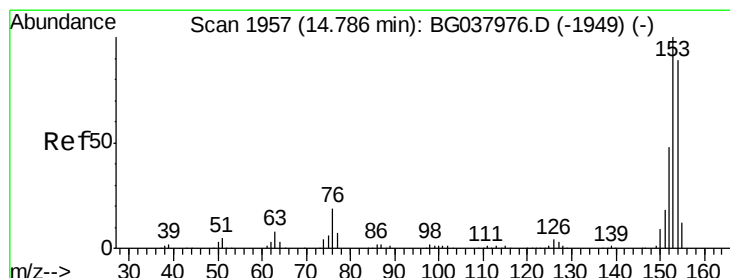
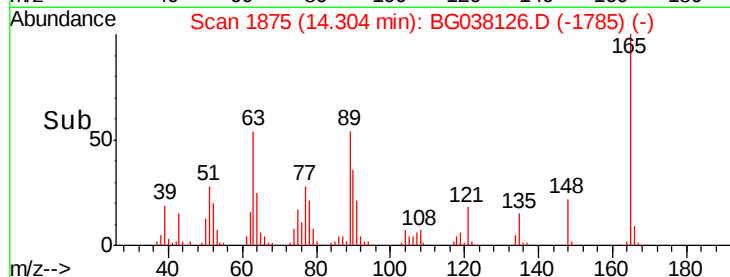
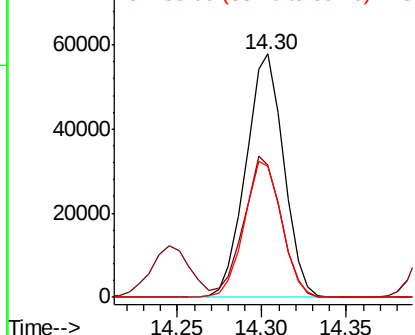
#51
 2,6-Dinitrotoluene
 Concen: 45.778 ng
 RT: 14.30 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	43.4	65.2
89	53.7	45.8	68.6

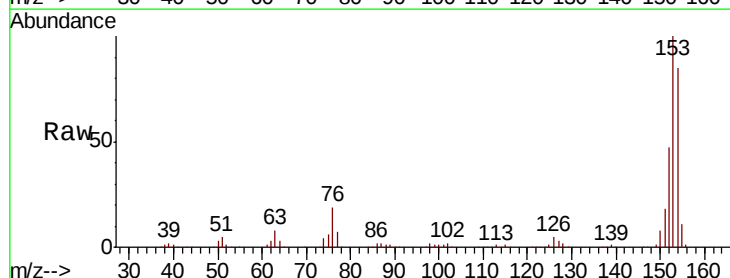


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

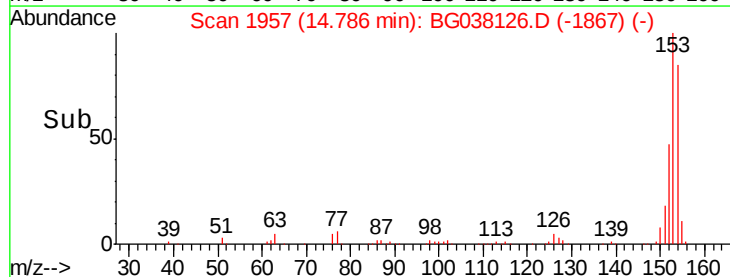
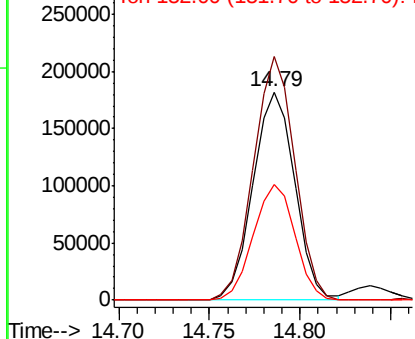


#52
 Acenaphthene
 Concen: 45.678 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	93.4	140.0
152	55.6	44.7	67.1



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





#53

3-Nitroaniline

Concen: 13.160 ng

RT: 14.63 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

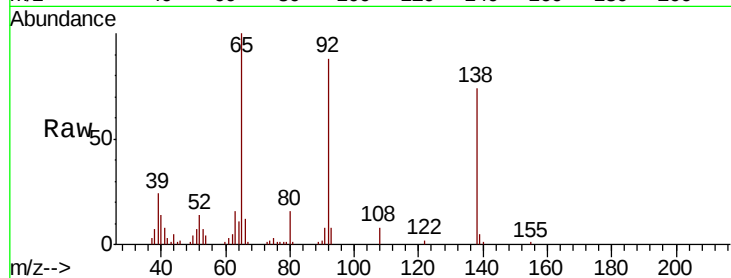
Tgt Ion:138 Resp: 28648

Ion Ratio Lower Upper

138 100

108 10.9 11.0 16.6#

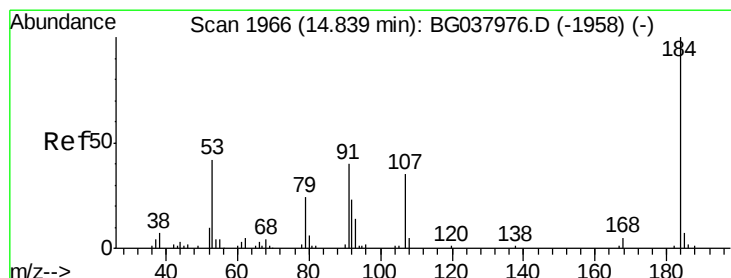
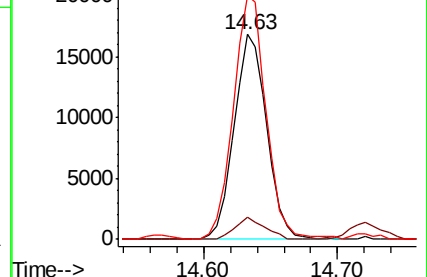
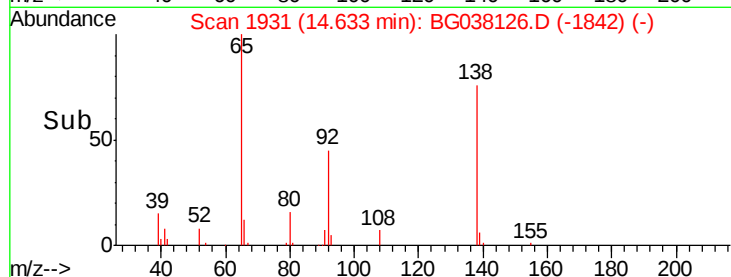
92 118.7 95.2 142.8



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 39.542 ng

RT: 14.84 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

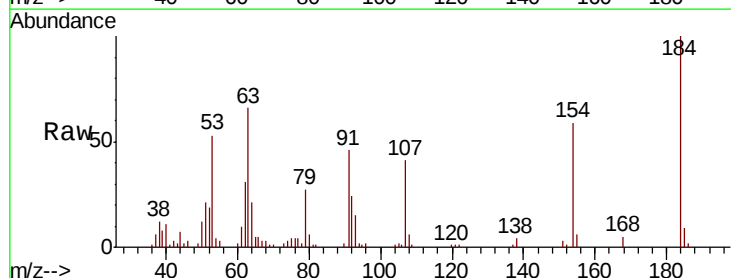
Tgt Ion:184 Resp: 36445

Ion Ratio Lower Upper

184 100

63 66.1 42.6 63.8#

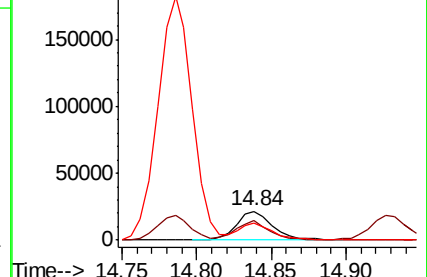
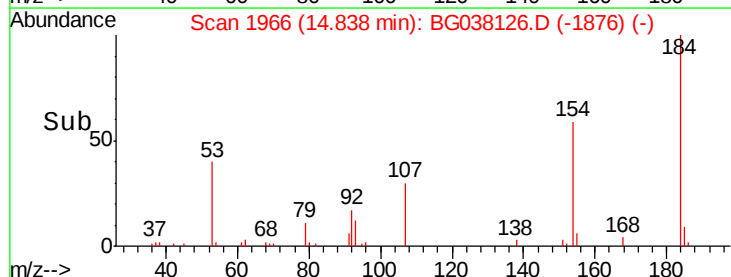
154 59.2 41.8 62.6

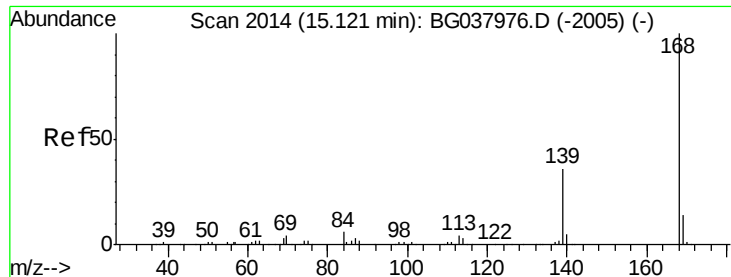


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

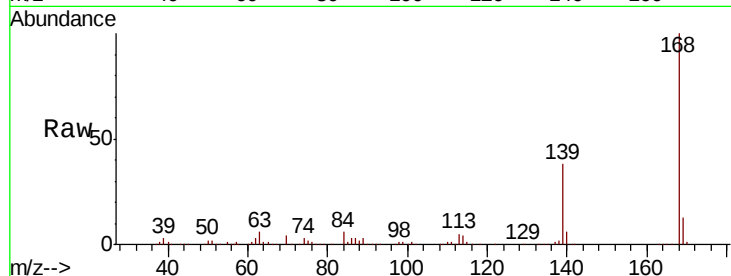




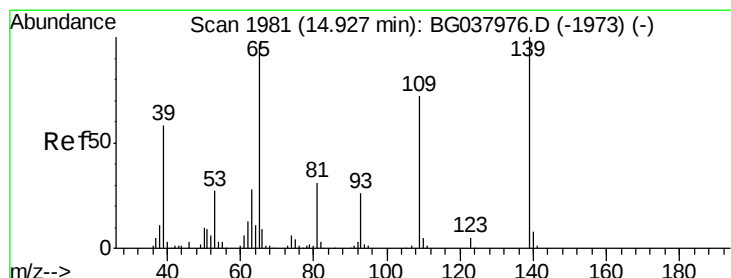
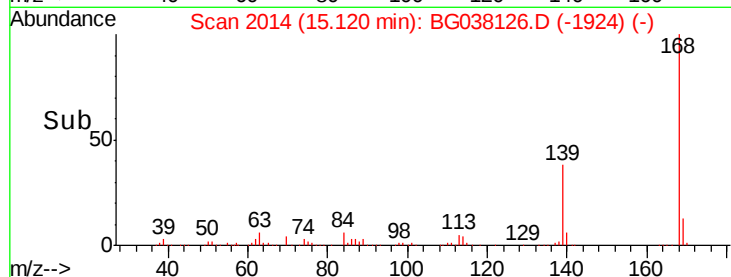
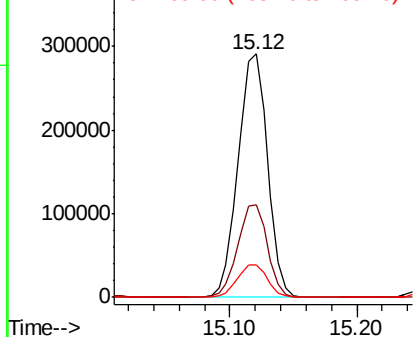
#55
Dibenzenofuran
Concen: 44.432 ng
RT: 15.12 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion:168 Resp: 468823
Ion Ratio Lower Upper
168 100
139 38.1 29.4 44.0
169 13.1 11.0 16.6

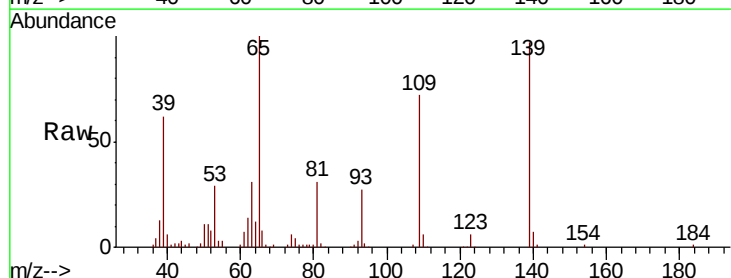


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

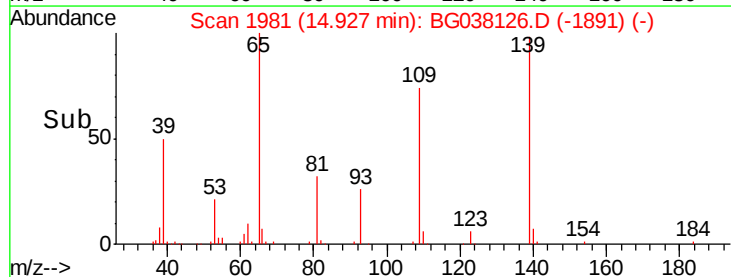
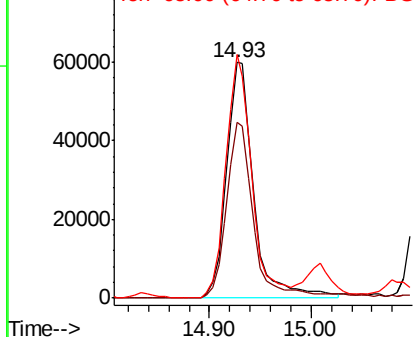


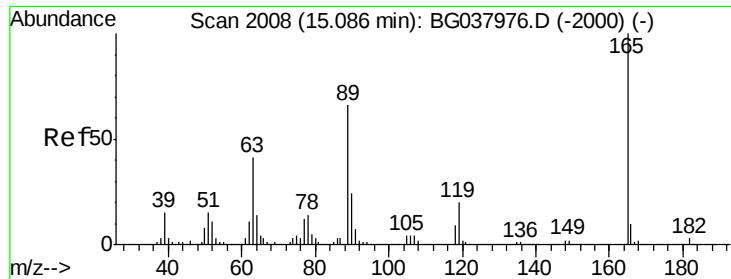
#56
4-Nitrophenol
Concen: 66.118 ng
RT: 14.93 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:139 Resp: 111006
Ion Ratio Lower Upper
139 100
109 74.7 49.5 89.5
65 103.3 76.8 116.8



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

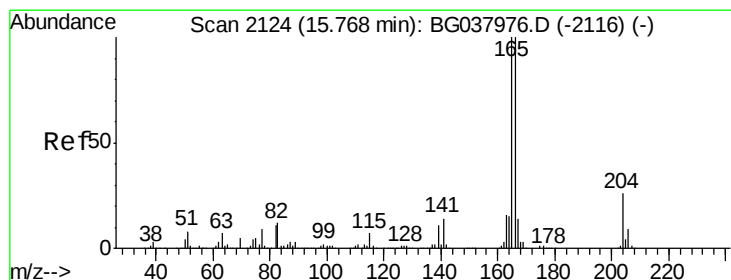
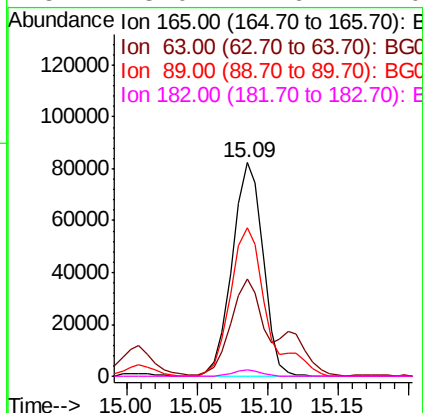
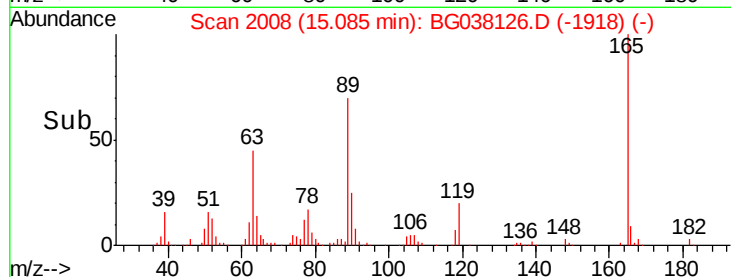
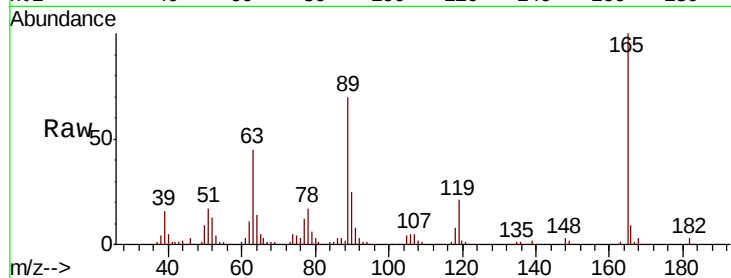




#57
2,4-Dinitrotoluene
Concen: 46.779 ng
RT: 15.09 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

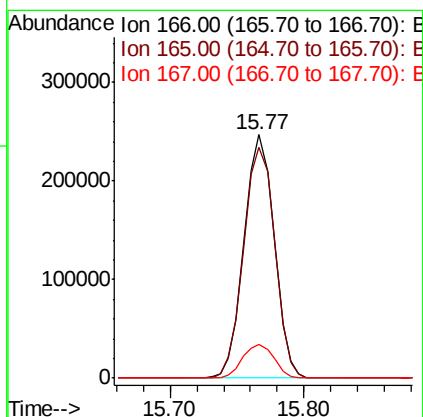
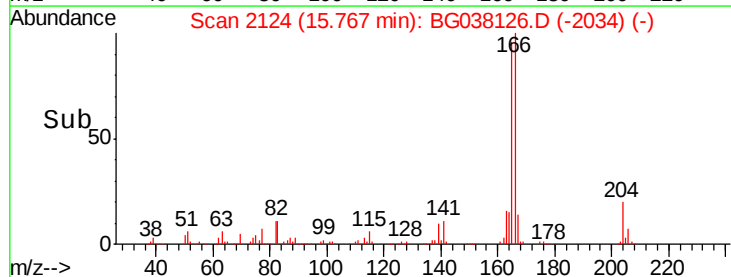
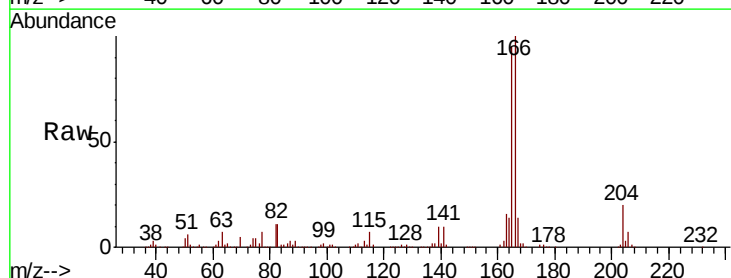
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

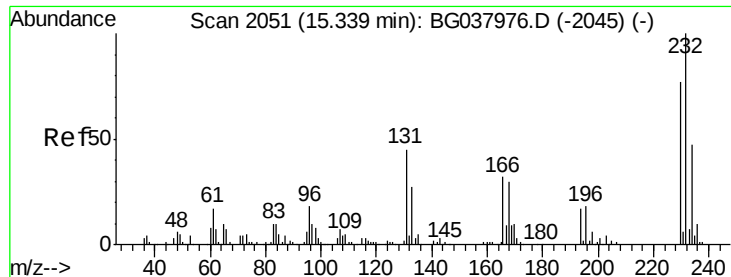
Tgt Ion:	165	Resp:	125561
Ion	Ratio	Lower	Upper
165	100		
63	45.4	33.4	50.0
89	69.5	57.2	85.8
182	3.0	2.6	4.0



#58
Fluorene
Concen: 48.970 ng
RT: 15.77 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:	166	Resp:	385518
Ion	Ratio	Lower	Upper
166	100		
165	95.1	79.0	118.6
167	13.8	11.3	16.9

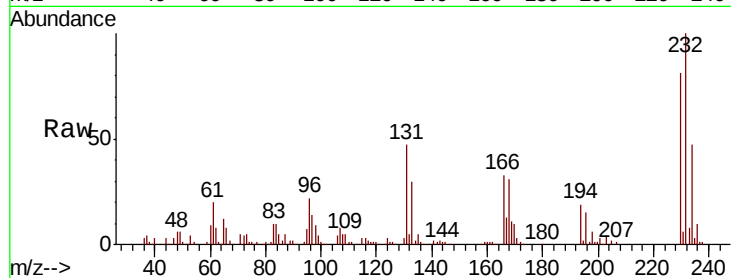




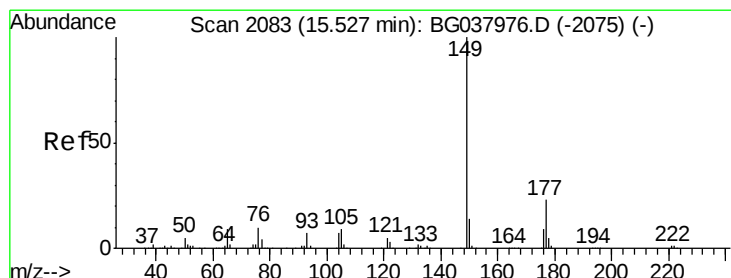
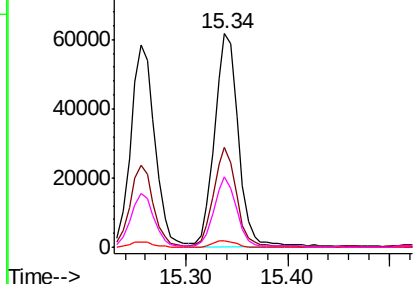
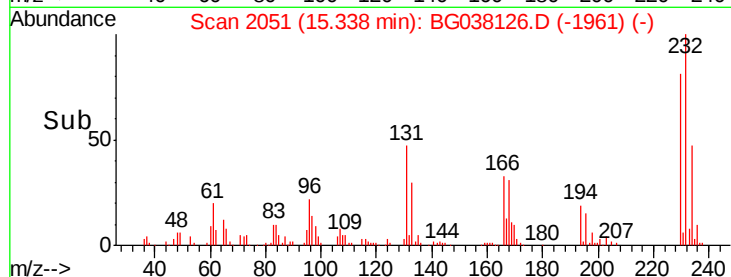
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.522 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion	Ratio	Lower	Upper
232	100		
131	44.5	33.7	50.5
130	2.7	2.1	3.1
166	32.0	24.6	36.8

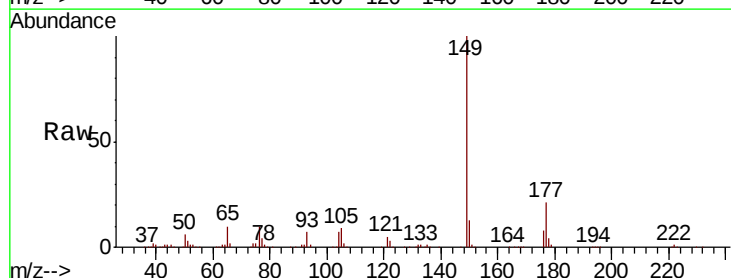


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

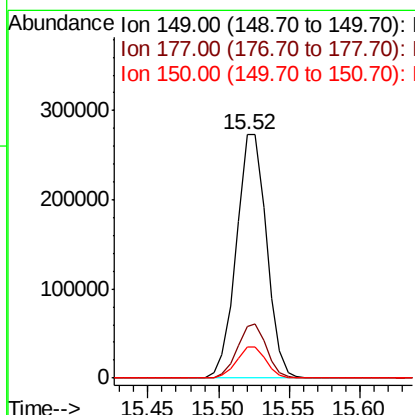
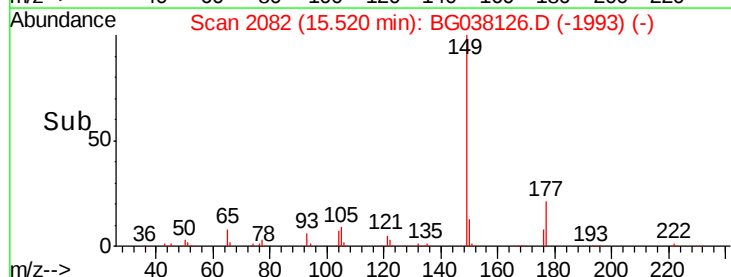


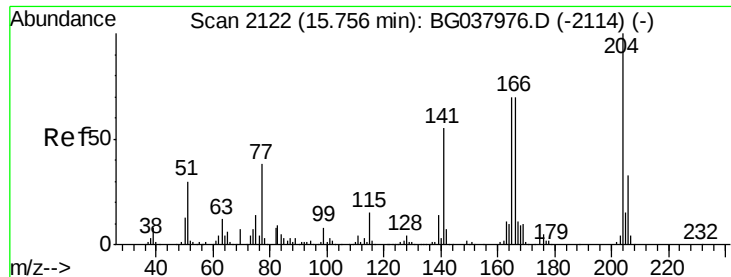
#60
Diethylphthalate
Concen: 43.952 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	18.3	27.5
150	12.9	10.0	15.0



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

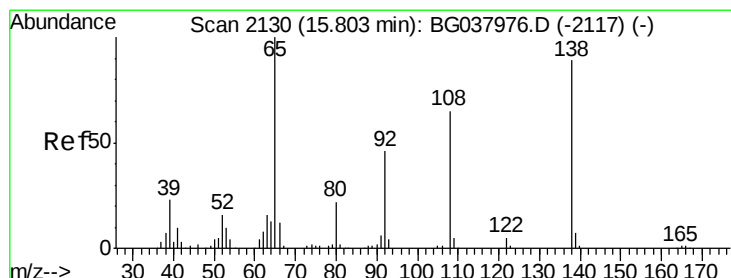
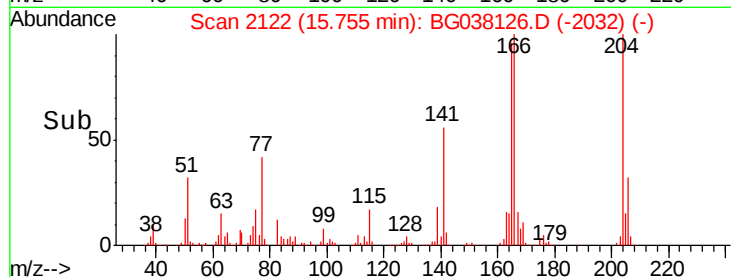
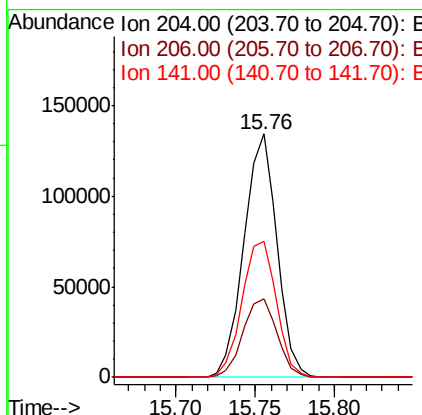
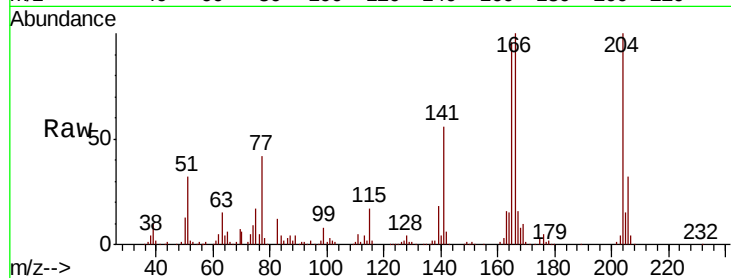




#61
4-Chlorophenyl-phenylether
Concen: 42.068 ng
RT: 15.76 min Scan# 2122
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

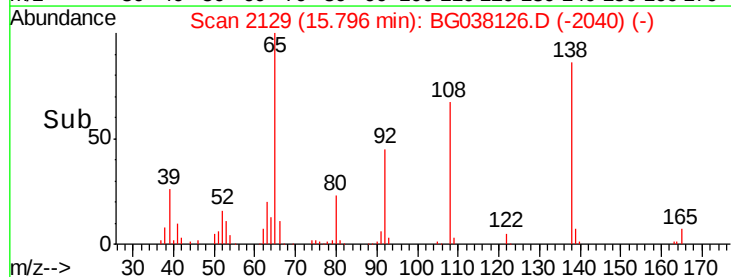
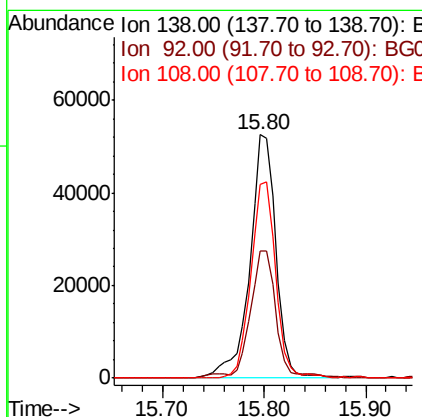
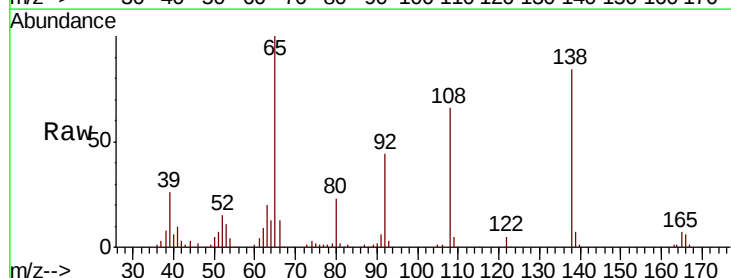
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

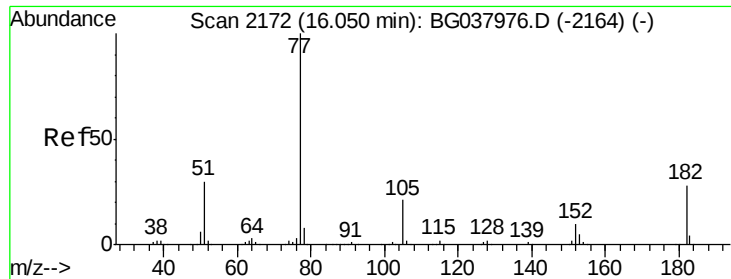
Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.6	39.8
141	56.1	45.4	68.2



#62
4-Nitroaniline
Concen: 43.381 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	36.4	76.4
108	79.3	60.1	100.1

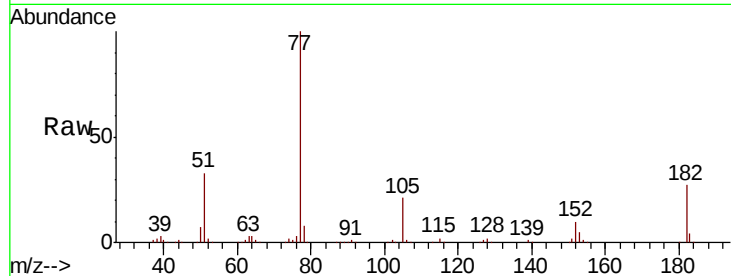




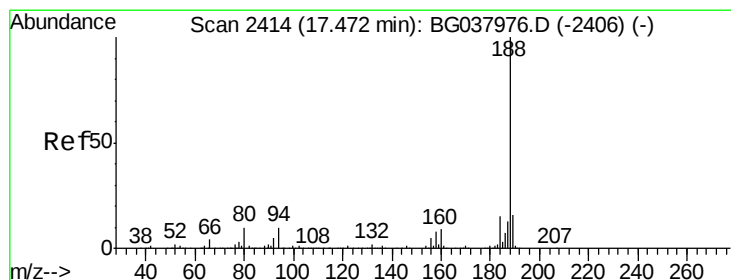
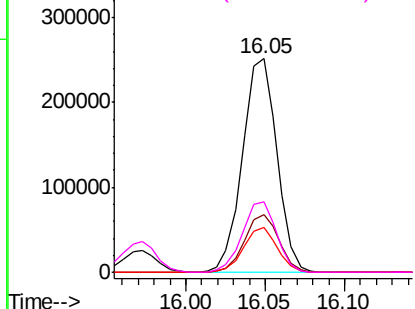
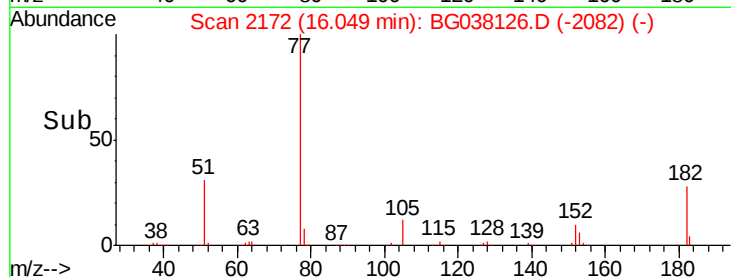
#63
Azobenzene
Concen: 45.801 ng
RT: 16.05 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion:	77	Resp:	379132
Ion	Ratio	Lower	Upper
77	100		
182	27.1	8.0	48.0
105	21.2	1.3	41.3
51	32.9	10.7	50.7

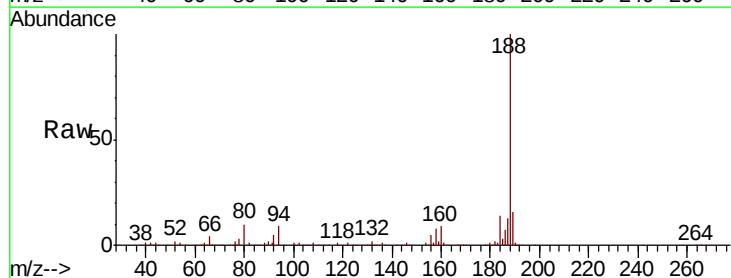


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

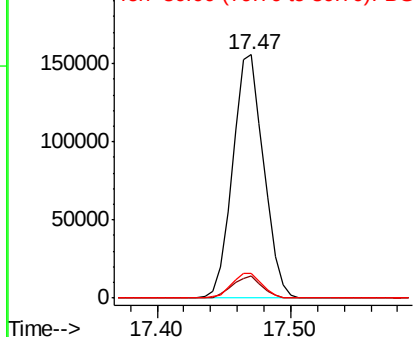
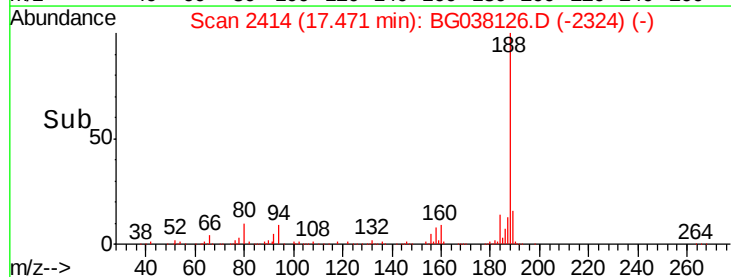


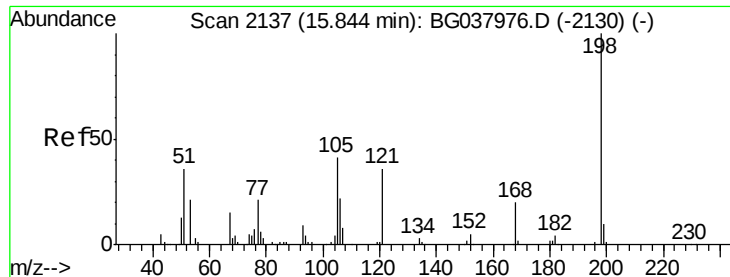
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion:	188	Resp:	249589
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.3	7.7	11.5



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

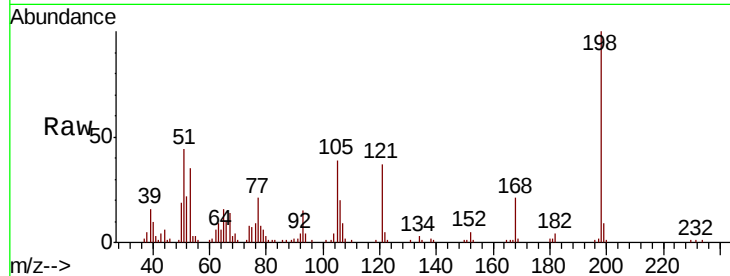




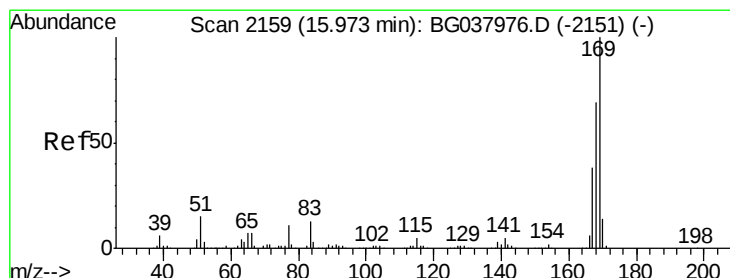
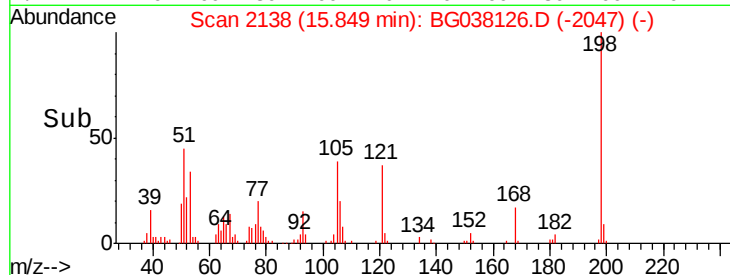
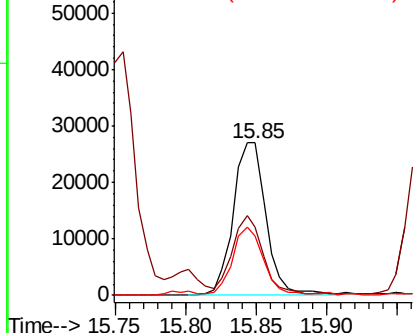
#65
 4,6-Dinitro-2-methylphenol
 Concen: 27.876 ng
 RT: 15.85 min Scan# 2138
 Delta R.T. 0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion:198 Resp: 44007
 Ion Ratio Lower Upper
 198 100
 51 44.3 22.7 62.7
 105 38.9 19.7 59.7

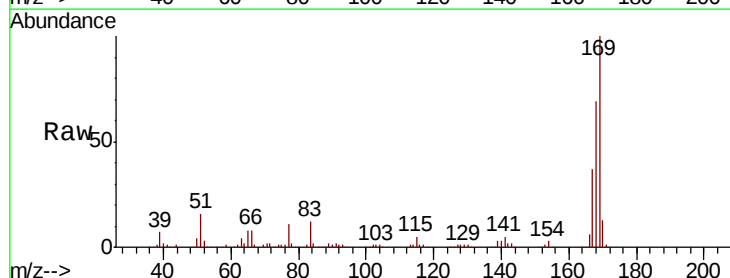


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

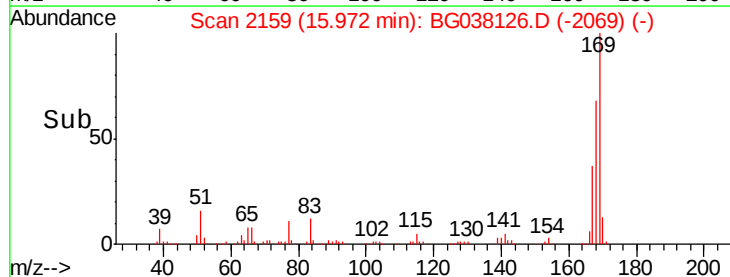
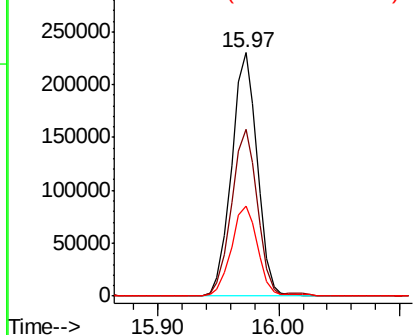


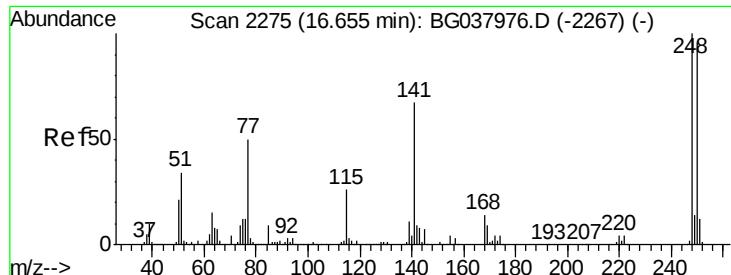
#66
 n-Nitrosodiphenylamine
 Concen: 45.121 ng
 RT: 15.97 min Scan# 2159
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion:169 Resp: 340701
 Ion Ratio Lower Upper
 169 100
 168 68.6 55.7 83.5
 167 37.2 31.3 46.9



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

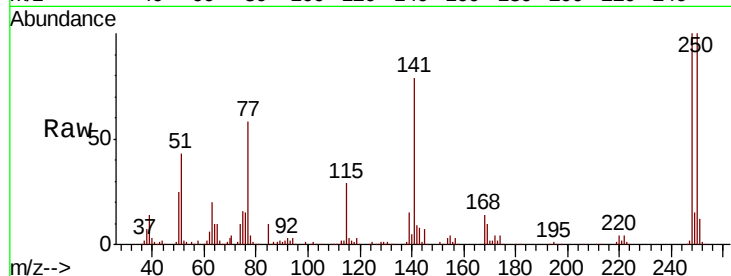




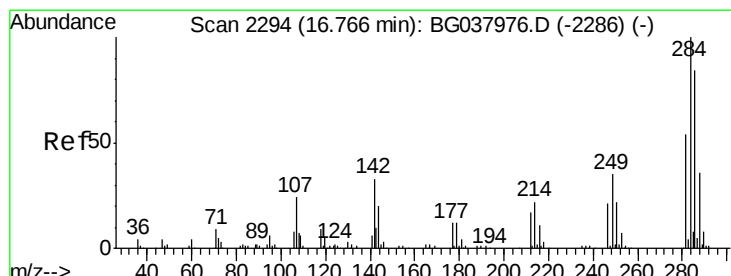
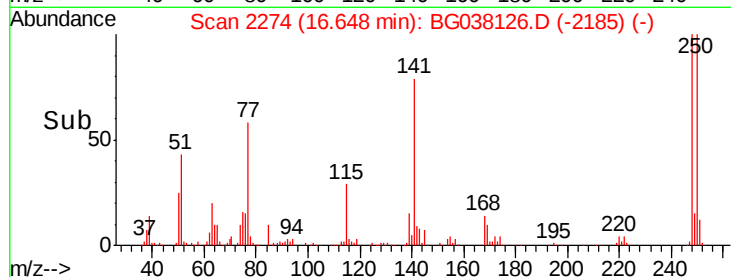
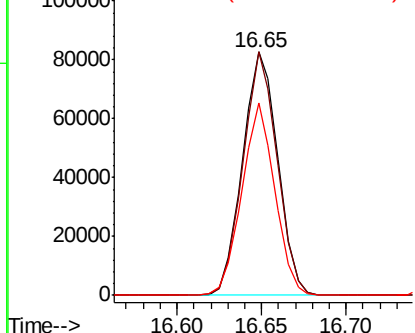
#67
 4-Bromophenyl-phenylether
 Concen: 43.700 ng
 RT: 16.65 min Scan# 2274
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion:248 Resp: 119715
 Ion Ratio Lower Upper
 248 100
 250 100.2 77.0 115.6
 141 78.9 55.5 83.3

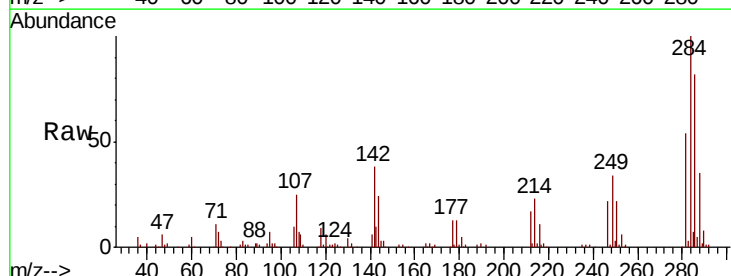


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

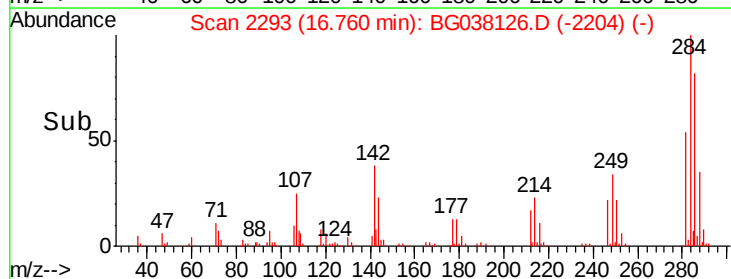
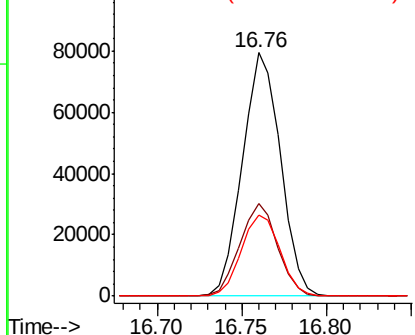


#68
 Hexachlorobenzene
 Concen: 44.008 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion:284 Resp: 124441
 Ion Ratio Lower Upper
 284 100
 142 37.9 28.1 42.1
 249 36.1 29.8 44.8



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





#69

Atrazine

Concen: 44.902 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

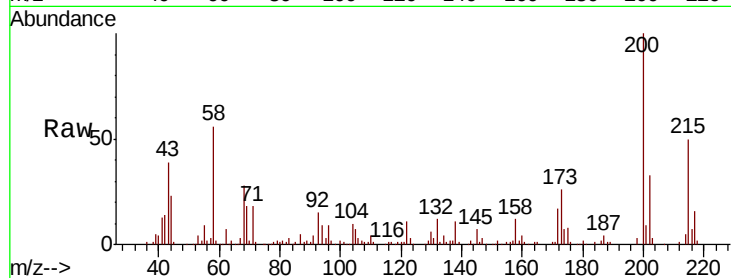
Tgt Ion:200 Resp: 124983

Ion Ratio Lower Upper

200 100

173 26.4 6.1 46.1

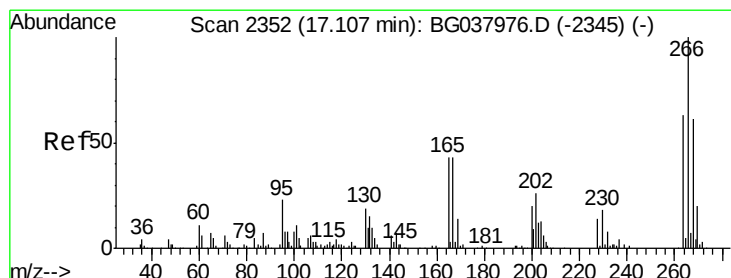
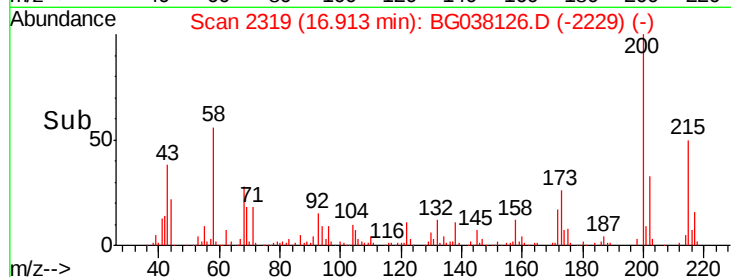
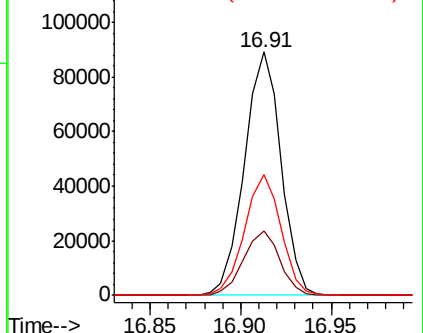
215 49.7 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 58.908 ng

RT: 17.11 min Scan# 2353

Delta R.T. 0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

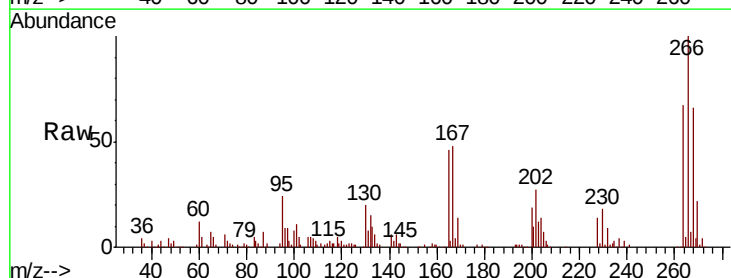
Tgt Ion:266 Resp: 113129

Ion Ratio Lower Upper

266 100

268 70.2 55.0 82.6

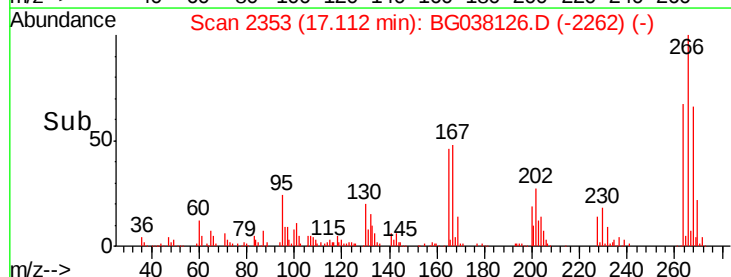
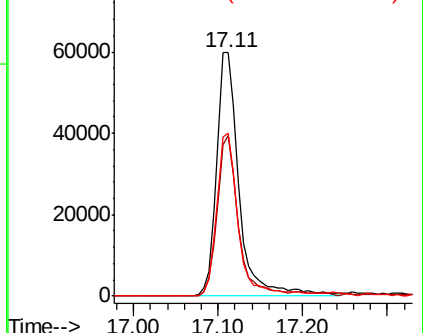
264 71.5 58.9 88.3

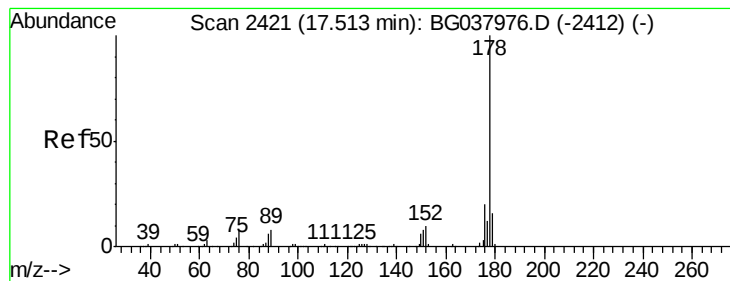


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.912 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

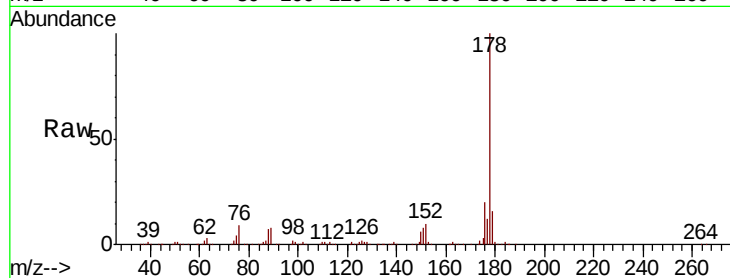
Tgt Ion:178 Resp: 637803

Ion Ratio Lower Upper

178 100

176 19.9 16.1 24.1

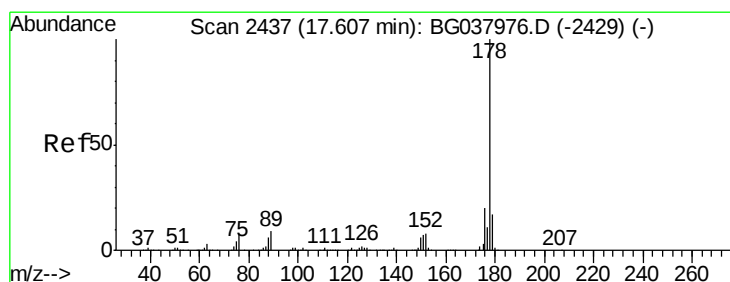
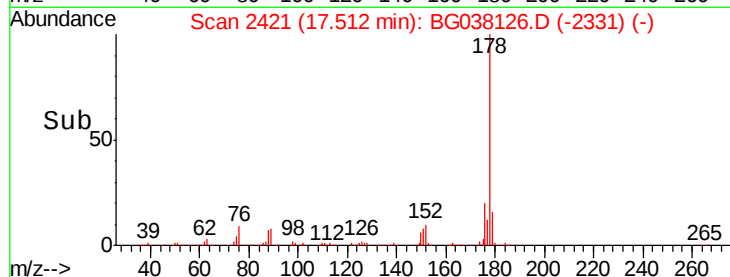
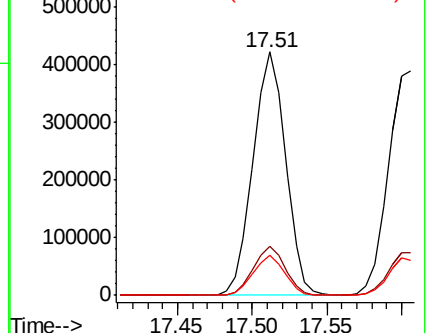
179 16.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.990 ng

RT: 17.61 min Scan# 2437

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

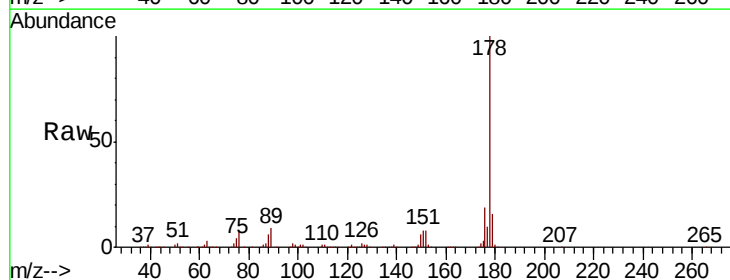
Tgt Ion:178 Resp: 629692

Ion Ratio Lower Upper

178 100

176 19.1 15.0 22.4

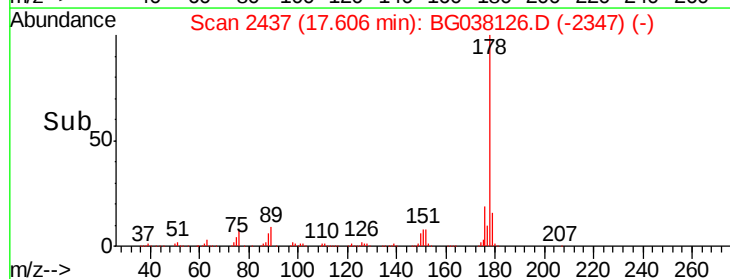
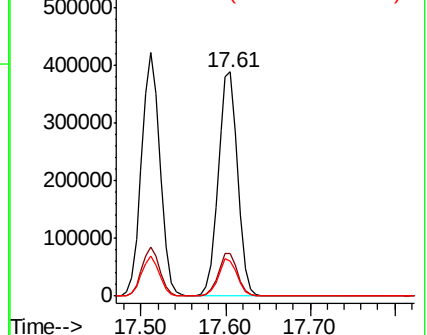
179 15.8 12.8 19.2

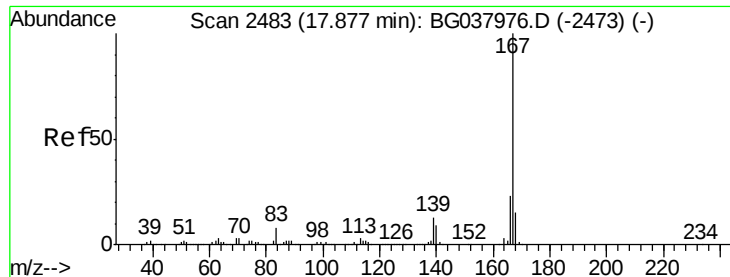


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

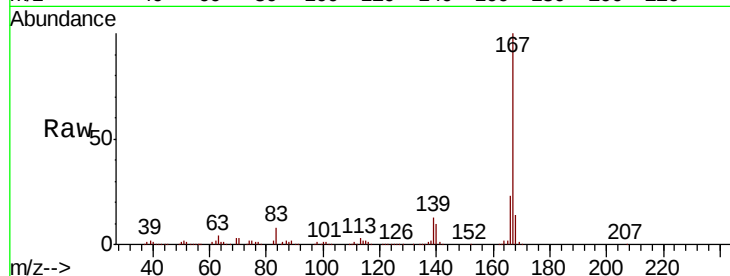




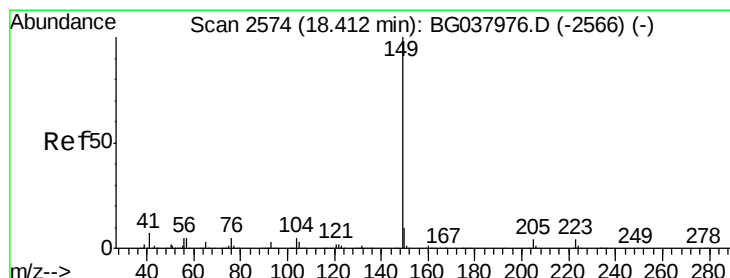
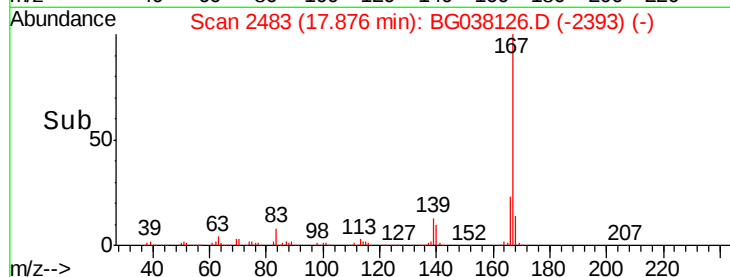
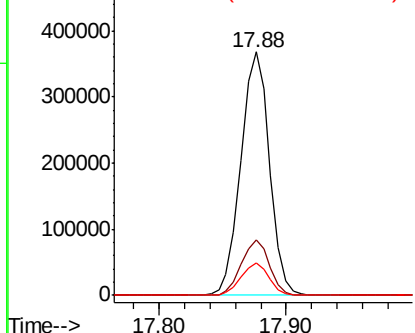
#73
 Carbazole
 Concen: 45.523 ng
 RT: 17.88 min Scan# 2483
 Delta R.T. -0.00 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-112018MS

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.3	27.5
139	13.4	10.5	15.7

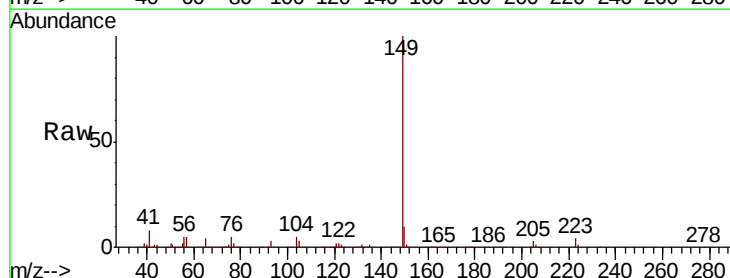


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

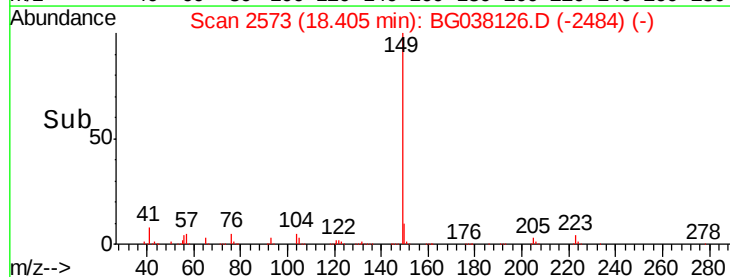
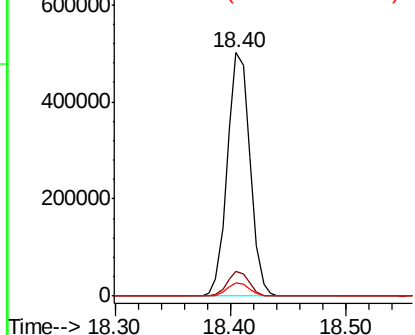


#74
 Di-n-butylphthalate
 Concen: 48.046 ng
 RT: 18.40 min Scan# 2573
 Delta R.T. -0.01 min
 Lab File: BG038126.D
 Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.2	12.2
104	5.3	4.0	6.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 49.426 ng

RT: 19.52 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

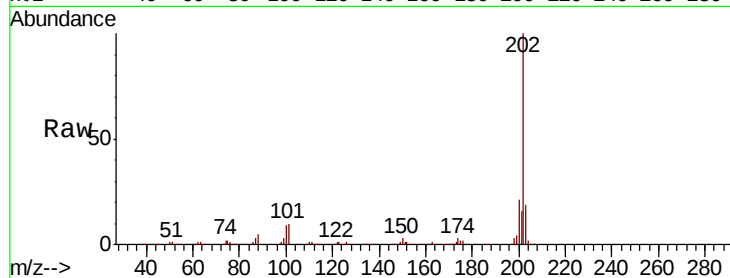
Tgt Ion:202 Resp: 720600

Ion Ratio Lower Upper

202 100

101 10.4 0.0 30.7

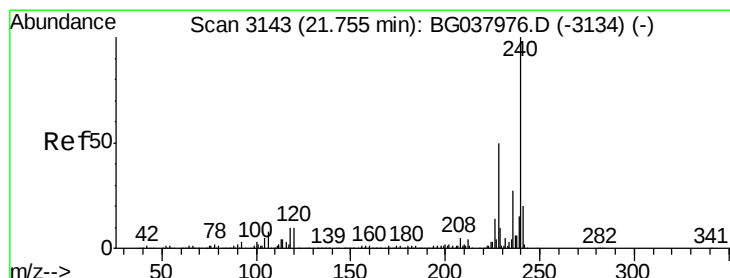
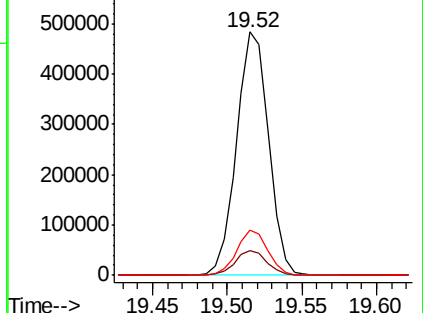
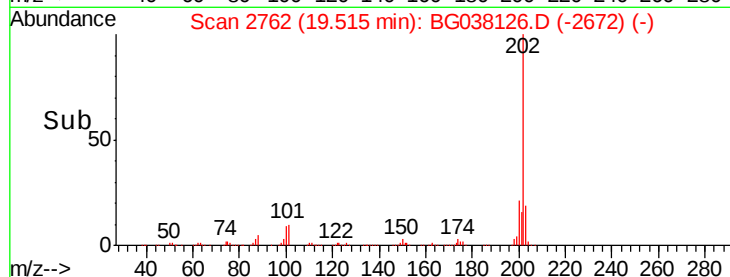
203 18.8 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3143

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

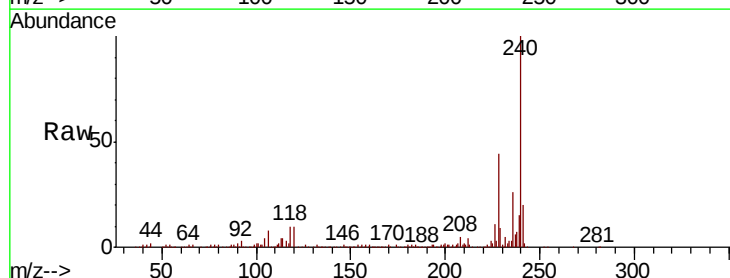
Tgt Ion:240 Resp: 230428

Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

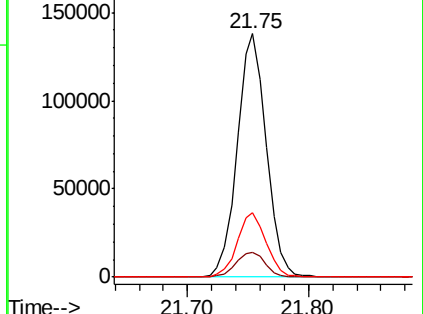
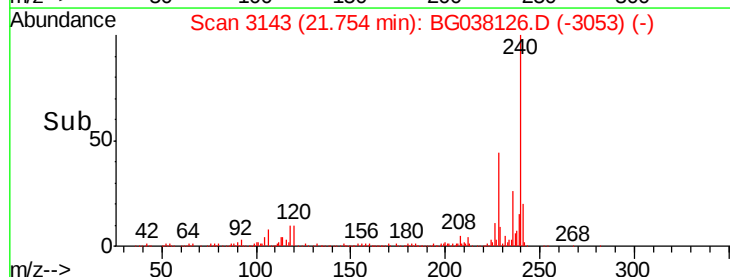
236 26.2 21.4 32.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.831 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

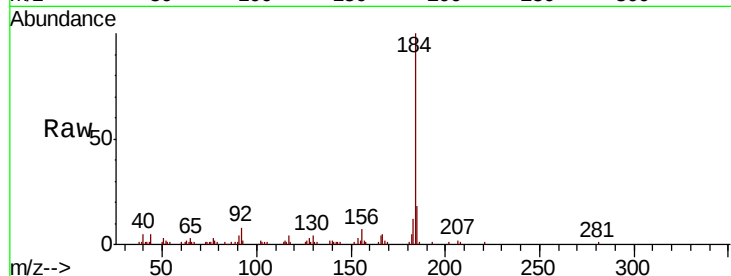
Tgt Ion:184 Resp: 55231

Ion Ratio Lower Upper

184 100

185 17.8 12.6 18.8

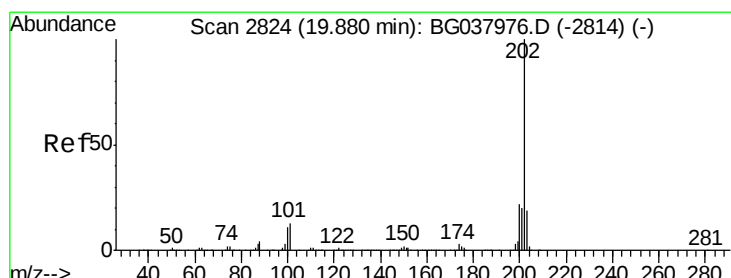
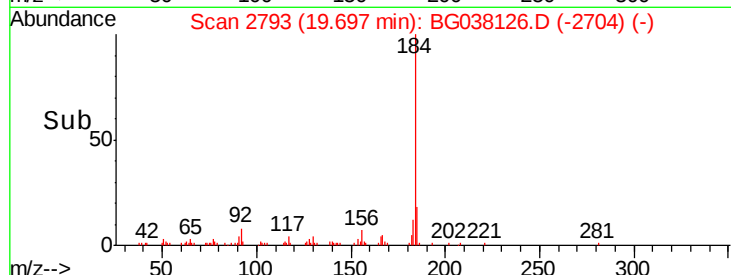
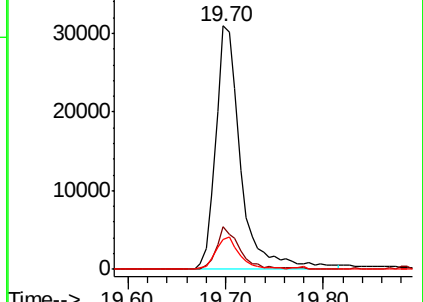
183 12.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 48.714 ng

RT: 19.88 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

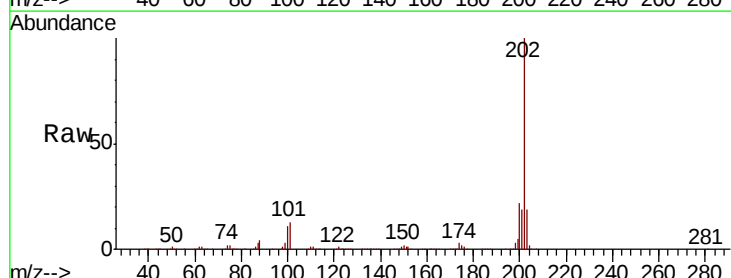
Tgt Ion:202 Resp: 733910

Ion Ratio Lower Upper

202 100

200 21.9 17.8 26.6

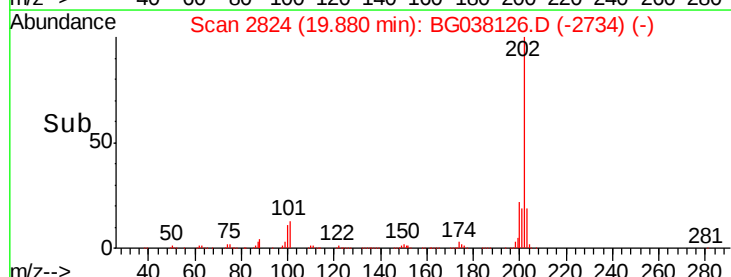
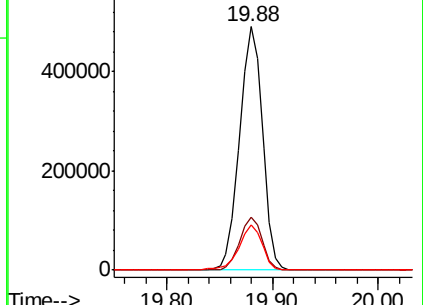
203 18.6 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 85.875 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

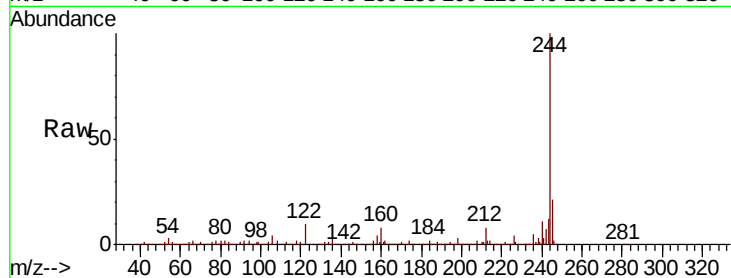
Tgt Ion:244 Resp: 840966

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

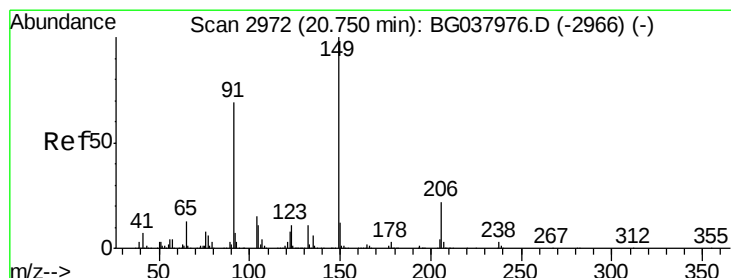
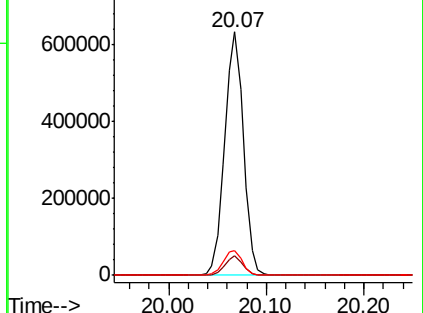
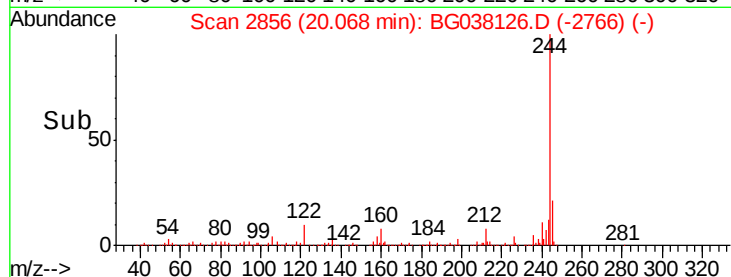
122 10.4 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.010 ng

RT: 20.75 min Scan# 2972

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

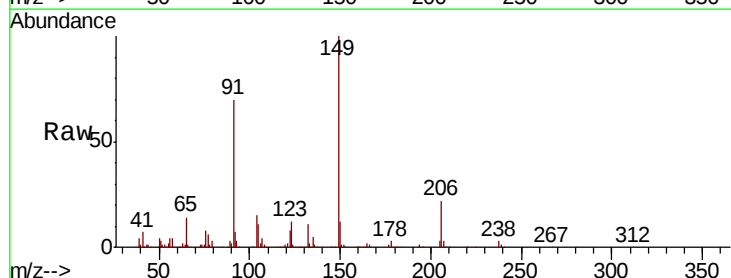
Tgt Ion:149 Resp: 316311

Ion Ratio Lower Upper

149 100

91 70.3 57.0 85.4

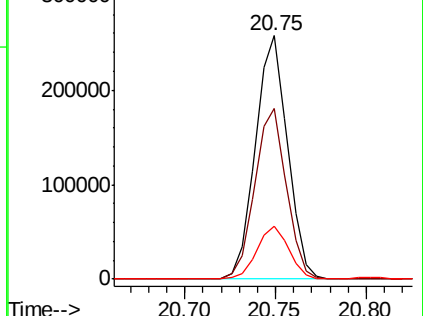
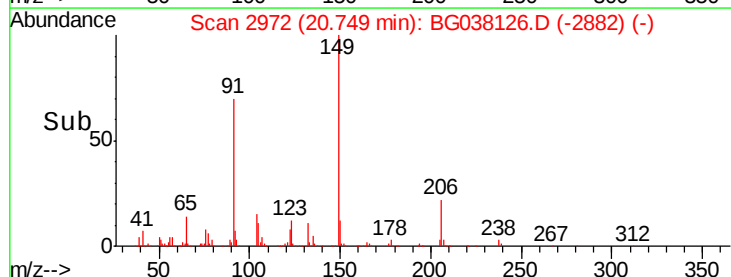
206 21.7 17.8 26.6

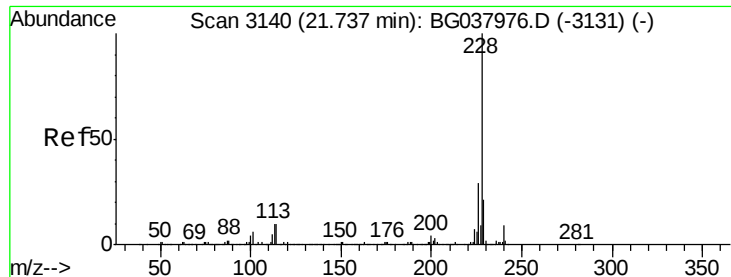


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.902 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

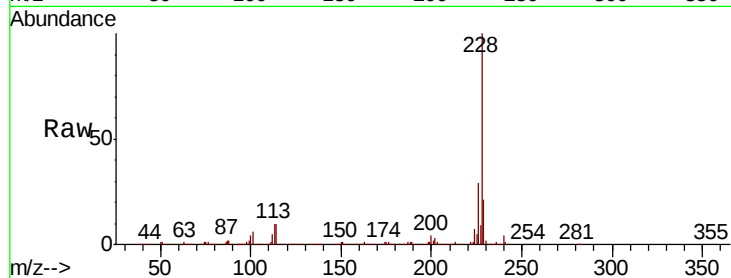
Tgt Ion:228 Resp: 680964

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

229 20.7 16.3 24.5

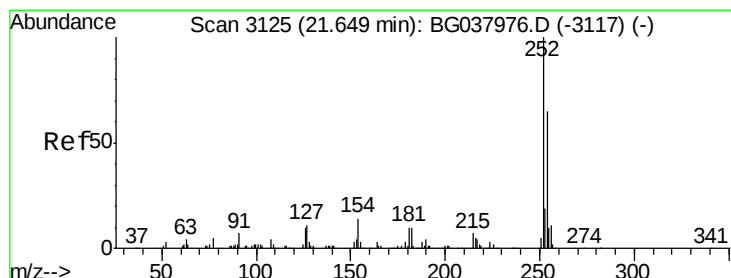
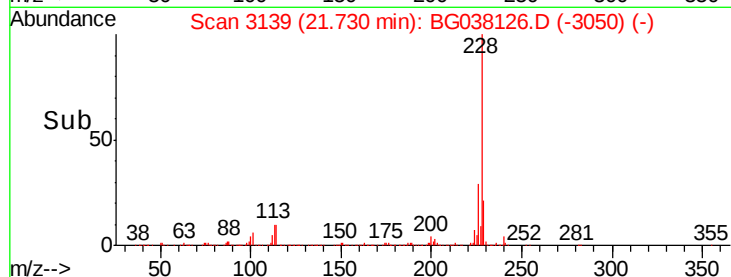
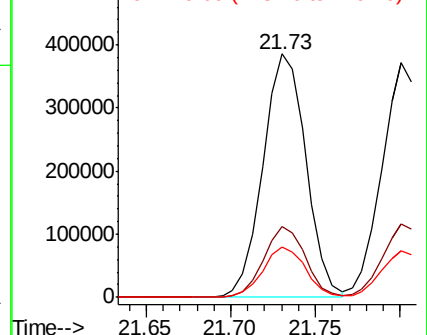


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 16.755 ng

RT: 21.65 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

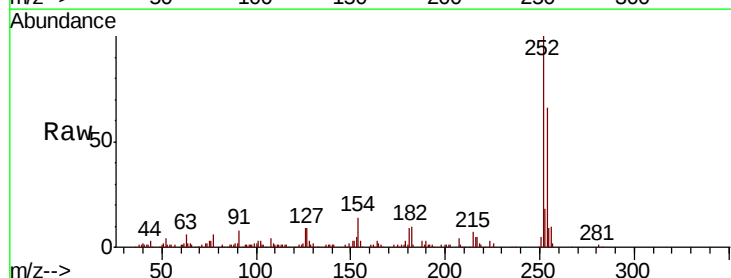
Tgt Ion:252 Resp: 90882

Ion Ratio Lower Upper

252 100

254 65.6 52.0 78.0

126 9.5 8.2 12.4

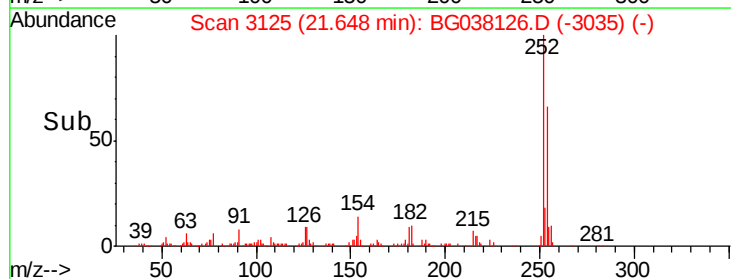
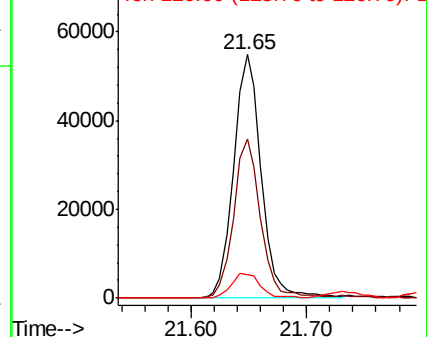


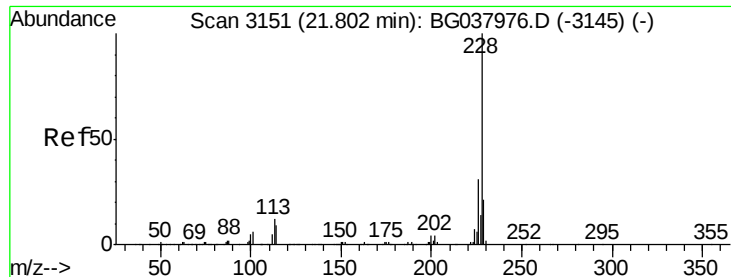
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 47.654 ng

RT: 21.80 min Scan# 3151

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

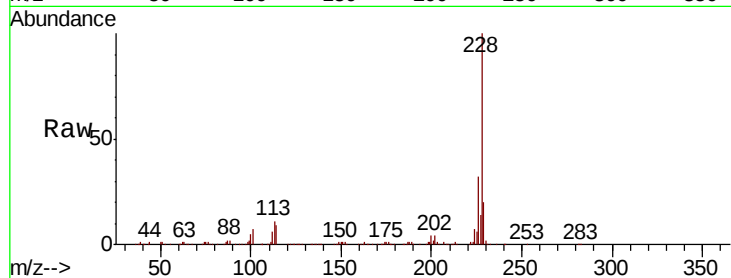
Tgt Ion:228 Resp: 634899

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

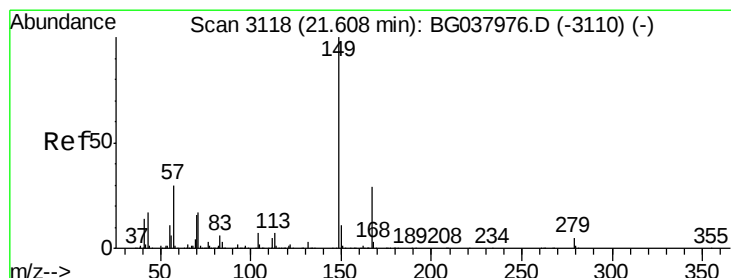
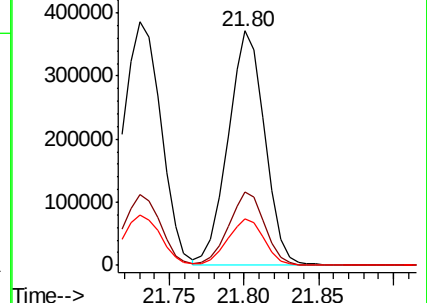
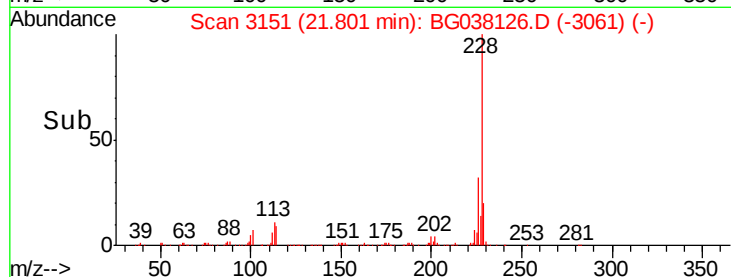
229 20.1 16.5 24.7



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: 47.251 ng

RT: 21.60 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

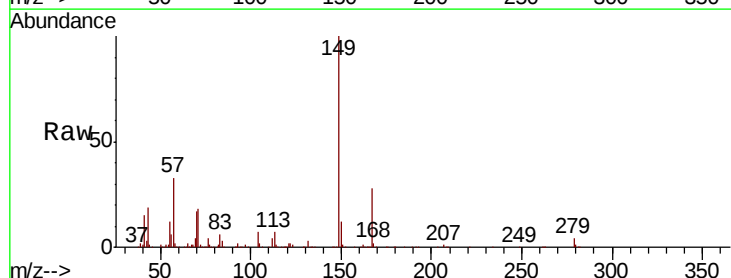
Tgt Ion:149 Resp: 443961

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

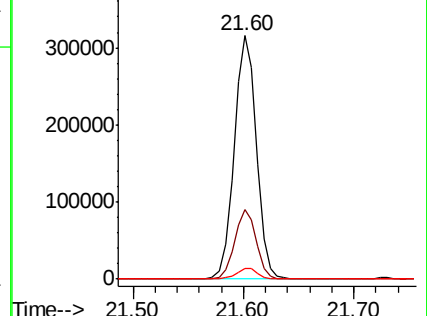
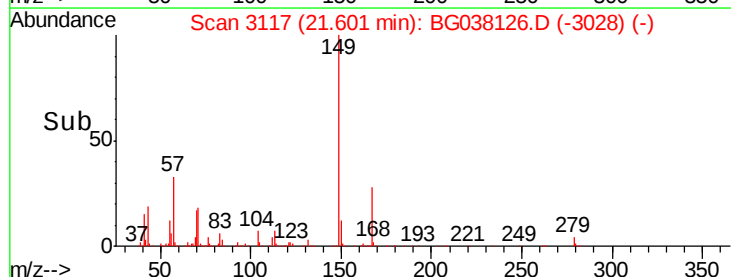
279 4.2 3.6 5.4

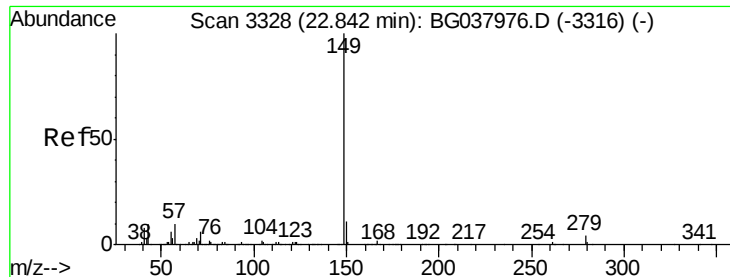


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

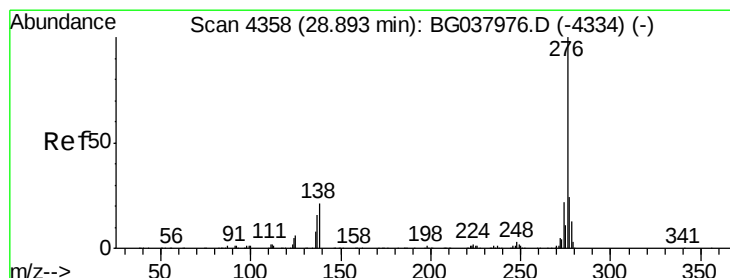
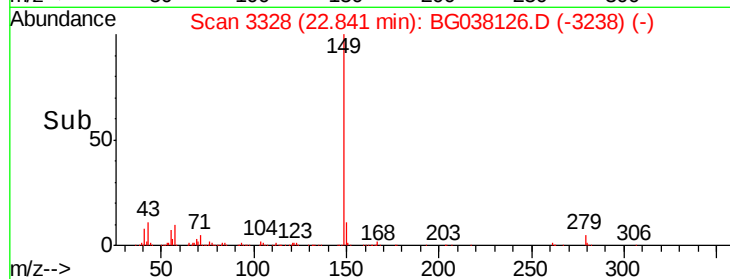
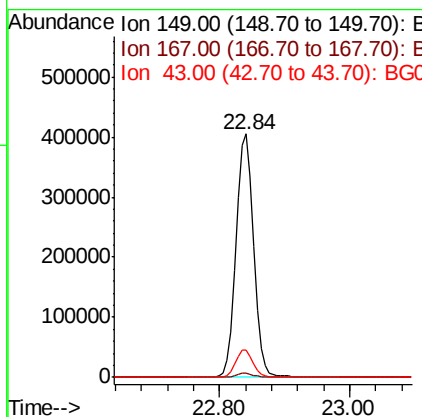
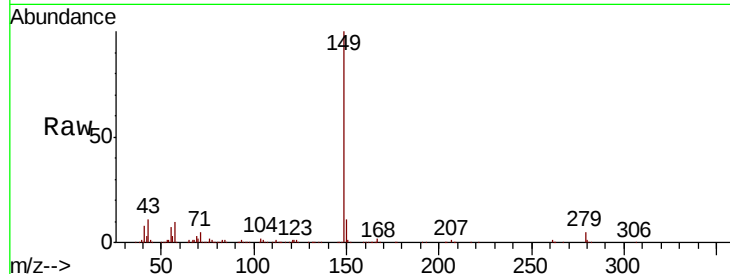




#85
Di-n-octyl phthalate
Concen: 49.835 ng
RT: 22.84 min Scan# 3328
Delta R.T. -0.00 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

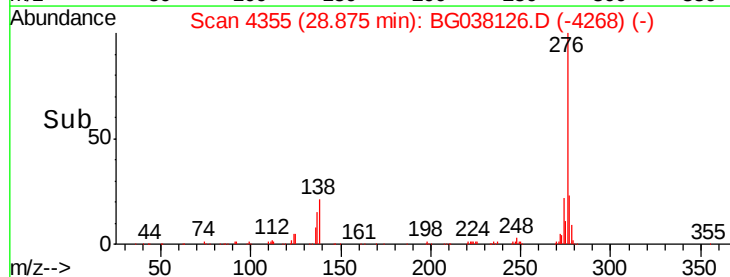
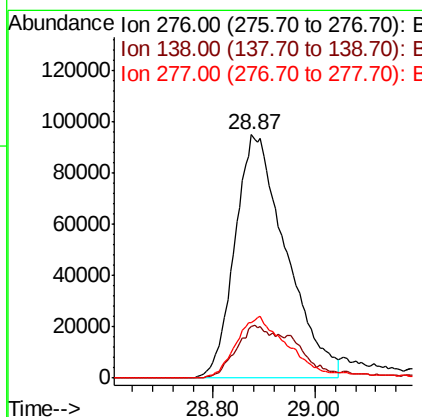
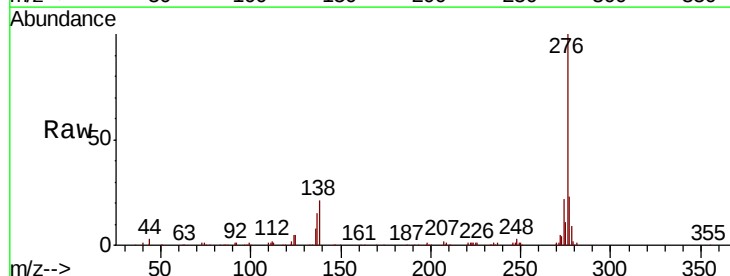
Instrument :
BNA_G
ClientSampleId :
NB-08-112018MS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.1	8.7	13.1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.998 ng
RT: 28.87 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038126.D
Acq: 21 Nov 2018 20:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.7	12.0	18.0
277	25.4	20.6	30.8





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

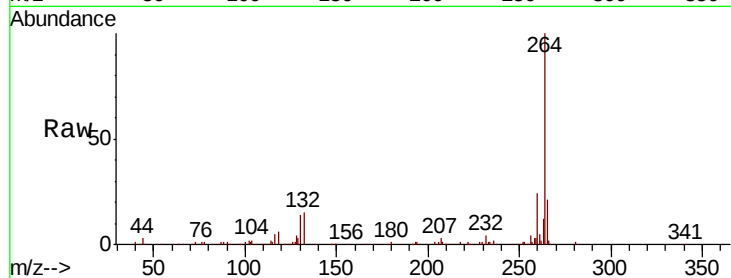
Tgt Ion:264 Resp: 245304

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

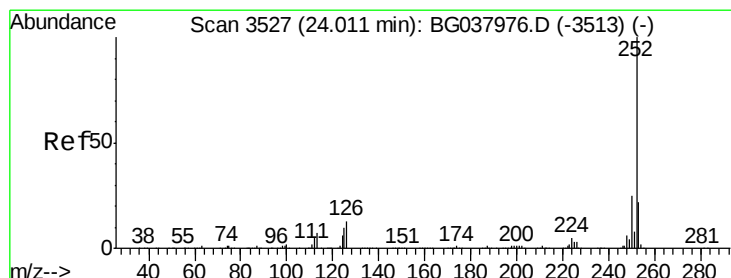
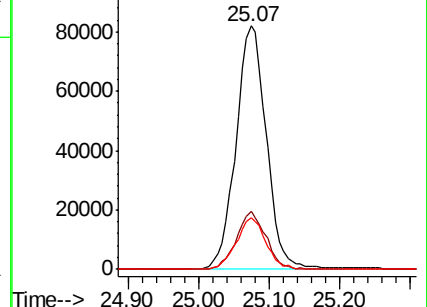
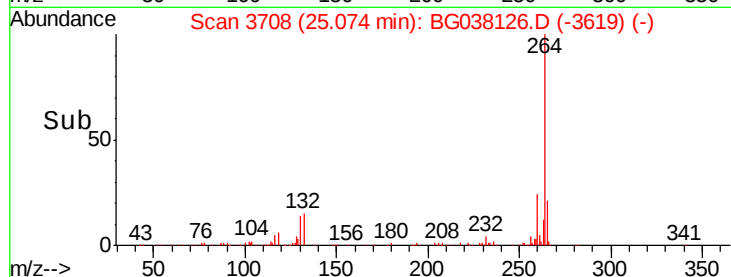
265 21.2 17.9 26.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.592 ng

RT: 24.01 min Scan# 3527

Delta R.T. -0.00 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

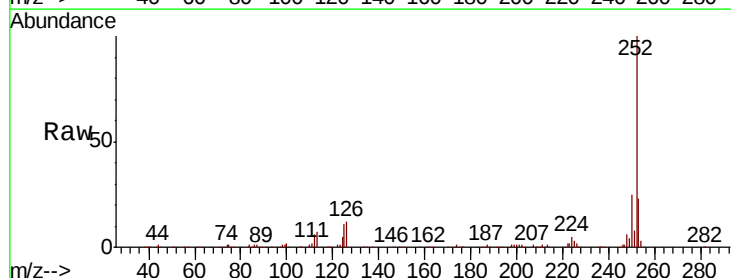
Tgt Ion:252 Resp: 669456

Ion Ratio Lower Upper

252 100

253 22.8 18.2 27.2

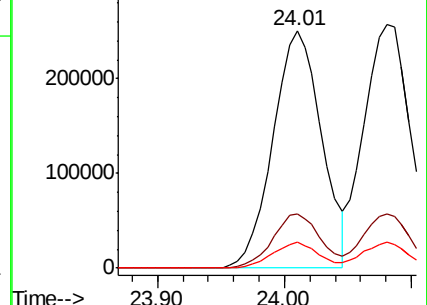
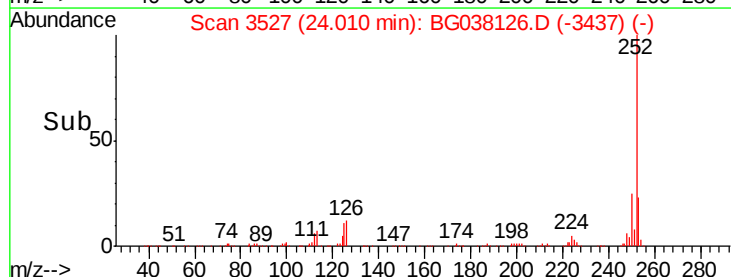
125 10.7 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.861 ng

RT: 24.08 min Scan# 3539

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

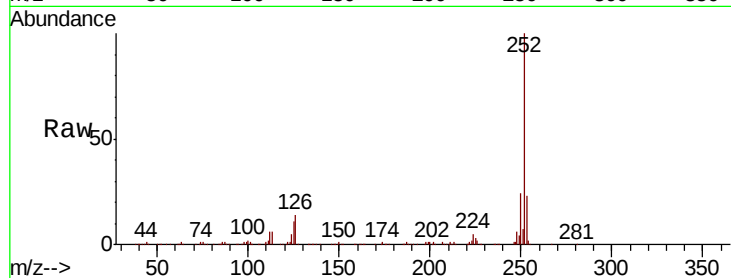
Tgt Ion:252 Resp: 664172

Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

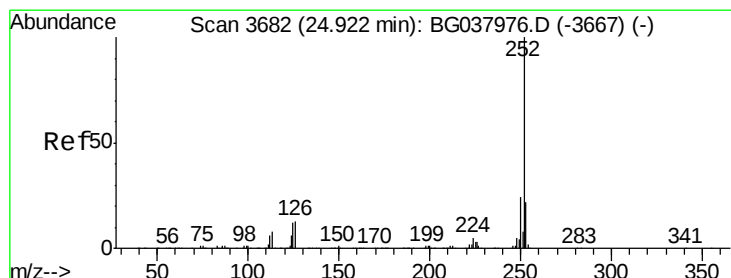
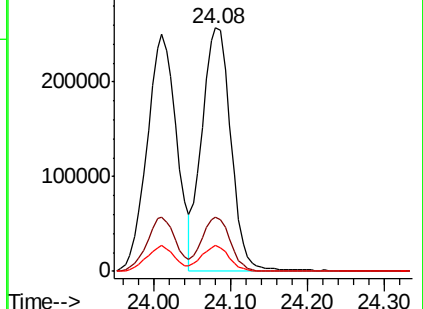
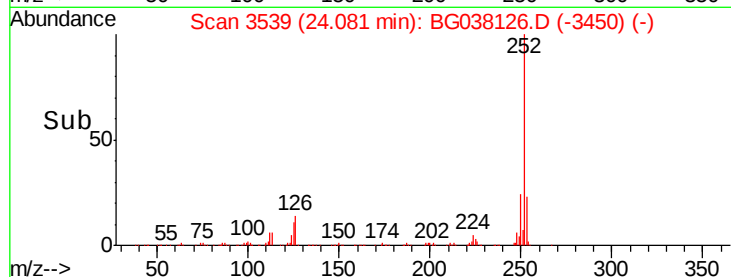
125 10.8 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 51.075 ng

RT: 24.91 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

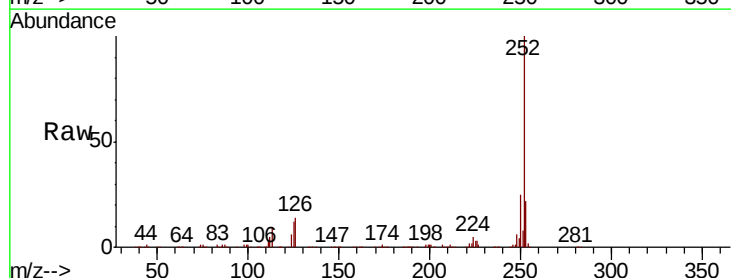
Tgt Ion:252 Resp: 658914

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

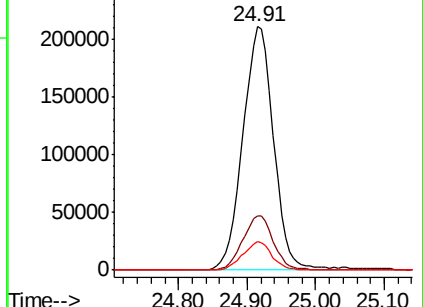
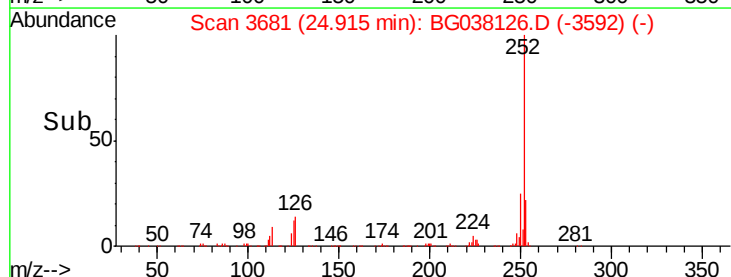
125 11.6 9.0 13.6

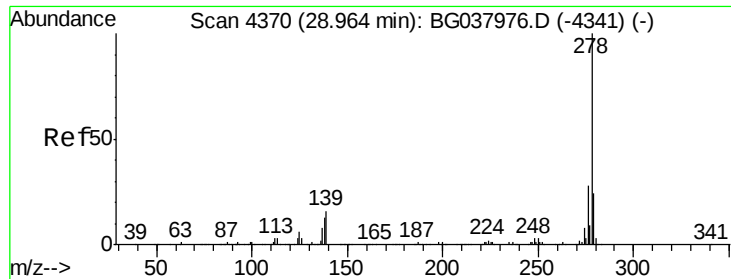


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 45.617 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

Instrument :

BNA_G

ClientSampleId :

NB-08-112018MS

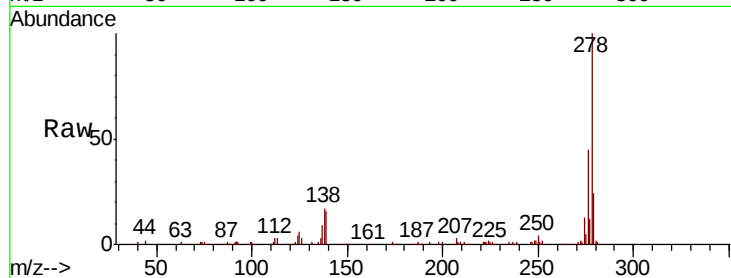
Tgt Ion:278 Resp: 566238

Ion Ratio Lower Upper

278 100

139 16.0 11.5 17.3

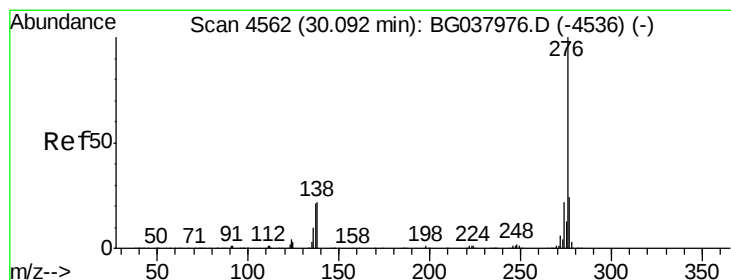
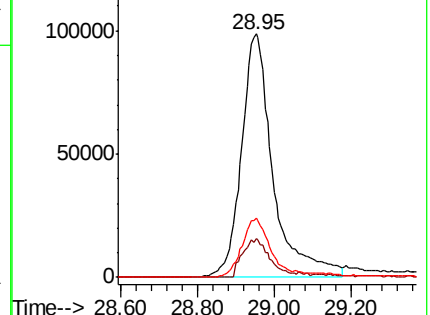
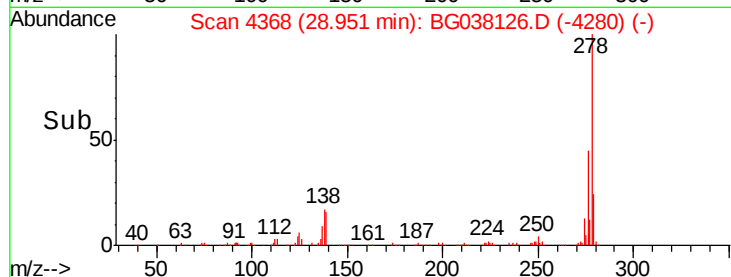
279 24.2 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.296 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.01 min

Lab File: BG038126.D

Acq: 21 Nov 2018 20:54

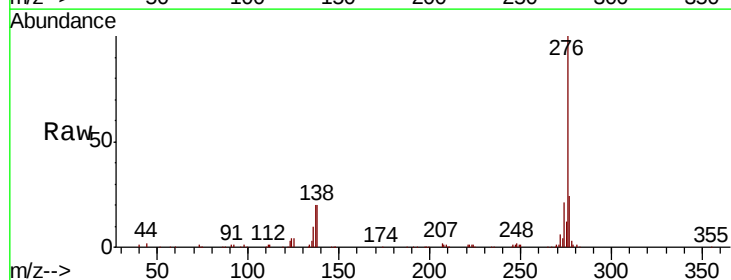
Tgt Ion:276 Resp: 559061

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 19.9 17.2 25.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

