

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112818\
 Data File : BG038230.D
 Acq On : 29 Nov 2018 11:48
 Operator : JU/SJ
 Sample : PB115120BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 29 12:54:56 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	8.08	152	34784	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	155073	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	94768	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	222913	20.00	ng	0.00
76) Chrysene-d12	21.75	240	206159	20.00	ng	0.00
87) Perylene-d12	25.08	264	219003	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	179851	89.27	ng	0.00
7) Phenol-d6	7.23	99	245025	85.20	ng	0.00
23) Nitrobenzene-d5	9.26	82	224154	77.38	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	86899	80.40	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	508292	78.14	ng	-0.01
79) Terphenyl-d14	20.06	244	766853	87.53	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	25818	27.131	ng	# 94
3) Pyridine	3.92	79	74222	27.343	ng	92
4) n-Nitrosodimethylamine	3.84	42	46858	47.581	ng	87
6) Aniline	7.41	93	50749	13.673	ng	97
8) 2-Chlorophenol	7.64	128	97585	41.745	ng	98
9) Benzaldehyde	7.23	77	61053	29.357	ng	97
10) Phenol	7.26	94	127336	41.803	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	91412	36.759	ng	98
12) 1,3-Dichlorobenzene	7.97	146	96864	35.969	ng	98
13) 1,4-Dichlorobenzene	8.12	146	97228	35.741	ng	97
14) 1,2-Dichlorobenzene	8.44	146	93298	35.922	ng	98
15) Benzyl Alcohol	8.33	79	87139	41.876	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.60	45	193365	41.875	ng	97
17) 2-Methylphenol	8.52	107	87176	42.331	ng	96
18) Hexachloroethane	9.17	117	36017	36.379	ng	99
19) n-Nitroso-di-n-propylamine	8.88	70	75797	36.426	ng	95
20) 3+4-Methylphenols	8.85	107	117914	40.390	ng	96
22) Acetophenone	8.91	105	141623	36.706	ng	# 98
24) Nitrobenzene	9.30	77	115572	38.999	ng	99
25) Isophorone	9.82	82	210452	40.362	ng	97
26) 2-Nitrophenol	10.01	139	54996	37.174	ng	97
27) 2,4-Dimethylphenol	10.06	122	100954	45.291	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	127642	38.283	ng	97
29) 2,4-Dichlorophenol	10.54	162	99611	39.730	ng	97
30) 1,2,4-Trichlorobenzene	10.76	180	100265	35.687	ng	96
31) Naphthalene	10.95	128	298467	39.132	ng	99
32) Benzoic acid	10.18	122	41037	33.579	ng	98
33) 4-Chloroaniline	11.07	127	38750	10.922	ng	97
34) Hexachlorobutadiene	11.22	225	59367	34.333	ng	96
35) Caprolactam	11.86	113	36496	36.367	ng	# 91
36) 4-Chloro-3-methylphenol	12.17	107	110522	40.349	ng	97
37) 2-Methylnaphthalene	12.55	142	223458	40.787	ng	98
38) 1-Methylnaphthalene	12.77	142	207571	39.360	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	115544	36.487	ng	98

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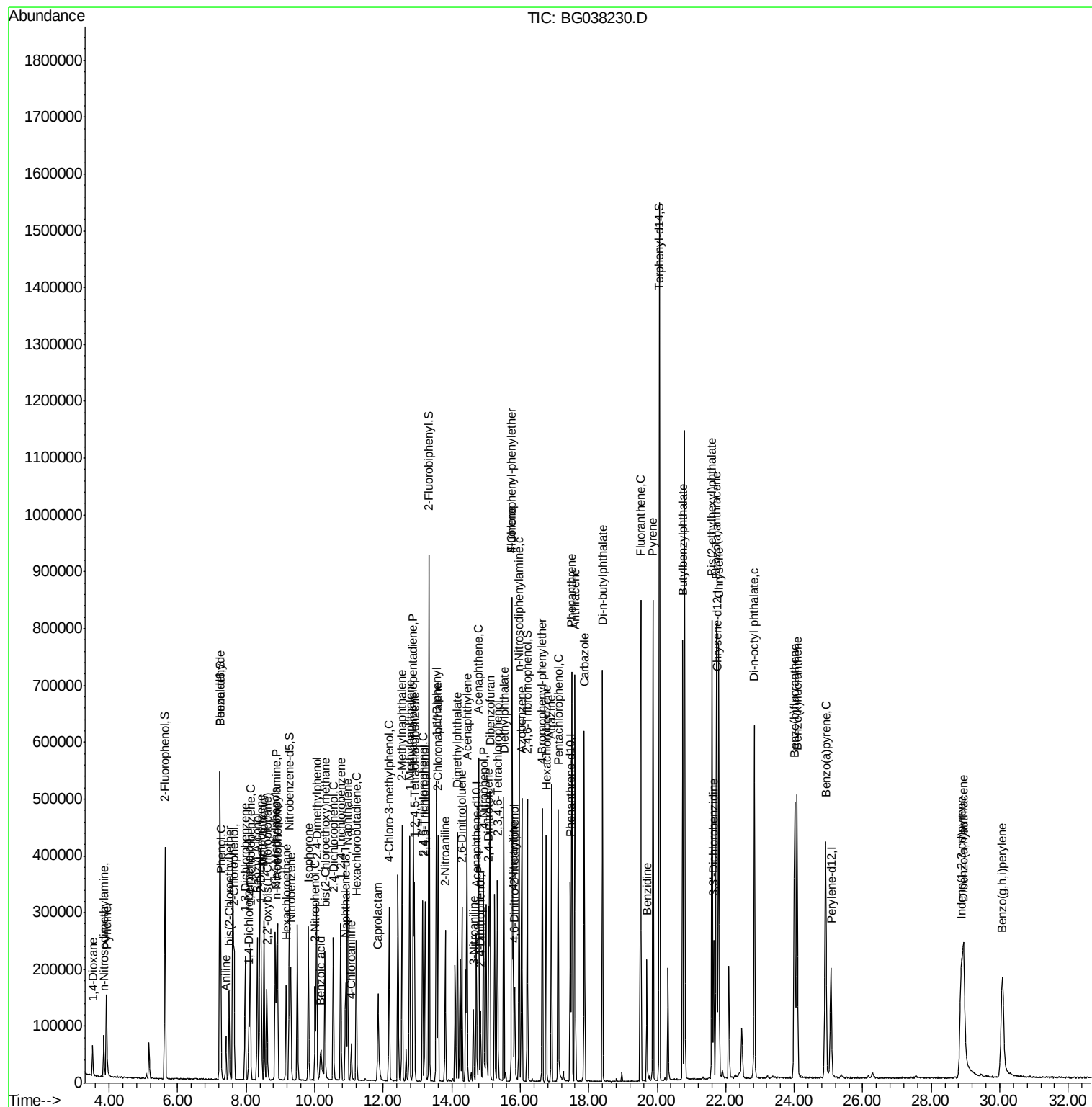
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	135795	80.082	nq	99
43) 2,4,6-Trichlorophenol	13.15	196	81473	37.756	nq	98
44) 2,4,5-Trichlorophenol	13.23	196	90621	39.912	nq	97
46) 1,1'-Biphenyl	13.55	154	284622	35.750	nq	99
47) 2-Chloronaphthalene	13.60	162	224293	36.919	nq	98
48) 2-Nitroaniline	13.81	65	79700	41.682	nq	99
49) Acenaphthylene	14.45	152	376834	41.247	nq	99
50) Dimethylphthalate	14.17	163	289352	38.514	nq	99
51) 2,6-Dinitrotoluene	14.30	165	66590	39.162	nq	95
52) Acenaphthene	14.78	154	214626	39.022	nq	99
53) 3-Nitroaniline	14.64	138	33611	17.913	nq	# 94
54) 2,4-Dinitrophenol	14.84	184	33135	41.200	nq	98
55) Dibenzofuran	15.12	168	346586	38.109	nq	98
56) 4-Nitrophenol	14.93	139	104965	72.534	nq	91
57) 2,4-Dinitrotoluene	15.08	165	93314	40.334	nq	# 95
58) Fluorene	15.76	166	277805	40.940	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	79332	41.756	nq	99
60) Diethylphthalate	15.52	149	306067	38.355	nq	97
61) 4-Chlorophenyl-phenylether	15.75	204	145758	36.710	nq	99
62) 4-Nitroaniline	15.80	138	72069	38.665	nq	94
63) Azobenzene	16.05	77	288364	40.416	nq	97
65) 4,6-Dinitro-2-methylphenol	15.84	198	40508	28.731	nq	91
66) n-Nitrosodiphenylamine	15.97	169	257824	38.232	nq	96
67) 4-Bromophenyl-phenylether	16.64	248	92351	37.746	nq	94
68) Hexachlorobenzene	16.76	284	94473	37.408	nq	98
69) Atrazine	16.91	200	97539	39.236	nq	95
70) Pentachlorophenol	17.11	266	100140	58.384	nq	93
71) Phenanthrene	17.51	178	468214	41.025	nq	99
72) Anthracene	17.60	178	475018	42.224	nq	99
73) Carbazole	17.87	167	430925	38.178	nq	99
74) Di-n-butylphthalate	18.41	149	525694	41.490	nq	98
75) Fluoranthene	19.52	202	553768	42.528	nq	98
77) Benzidine	19.70	184	132331	18.293	nq	99
78) Pyrene	19.88	202	559572	41.515	nq	97
80) Butylbenzylphthalate	20.75	149	243791	41.359	nq	99
81) Benzo(a)anthracene	21.73	228	528514	42.422	nq	99
82) 3,3'-Dichlorobenzidine	21.64	252	93415	19.249	nq	97
83) Chrysene	21.80	228	484456	40.642	nq	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	341803	40.661	nq	98
85) Di-n-octyl phthalate	22.84	149	583207	42.885	nq	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	507491	38.334	nq	99
88) Benzo(b)fluoranthene	24.01	252	507718	42.128	nq	100
89) Benzo(k)fluoranthene	24.08	252	511940	43.049	nq	100
90) Benzo(a)pyrene	24.92	252	508091	44.114	nq	99
91) Dibenzo(a,h)anthracene	28.95	278	416750	37.606	nq	98
92) Benzo(g,h,i)perylene	30.08	276	406364	36.878	nq	97

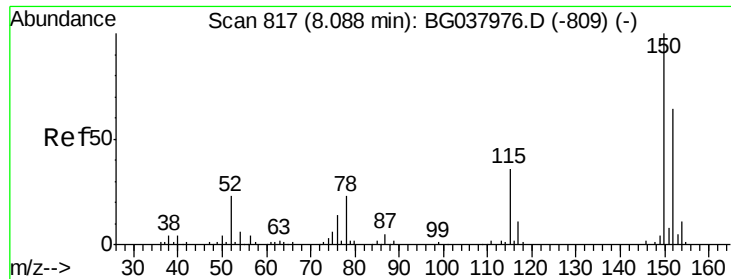
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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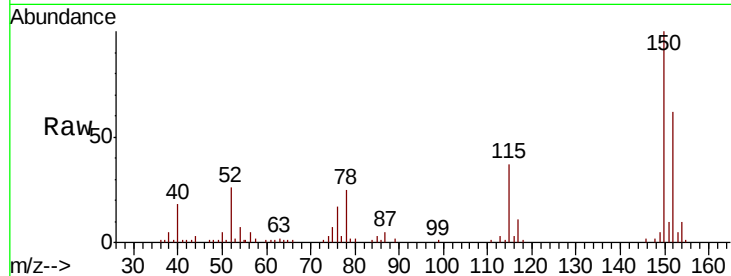


#1

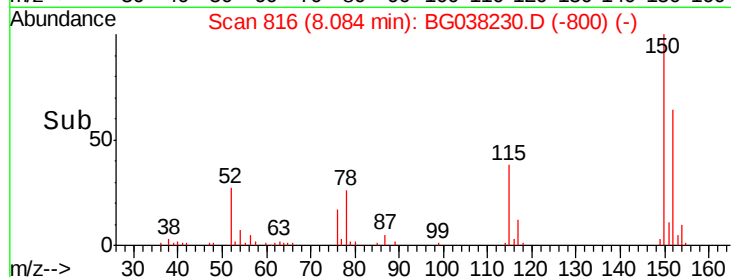
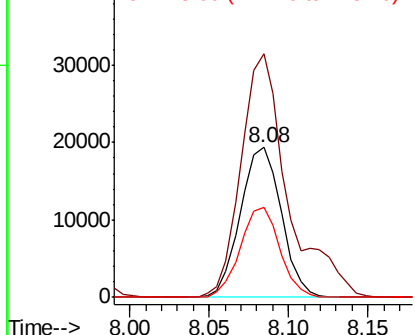
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34784
Ion Ratio Lower Upper
152 100
150 162.5 126.0 189.0
115 60.1 45.5 68.3



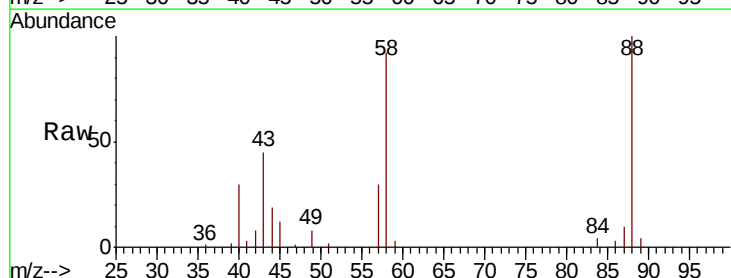
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



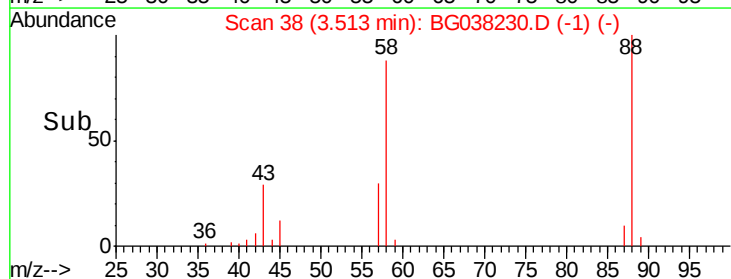
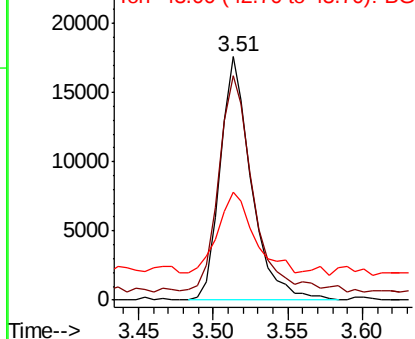
#2

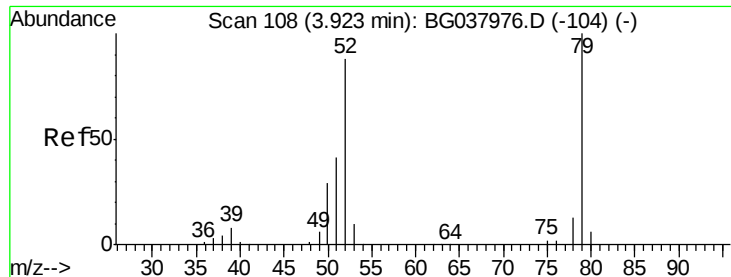
1,4-Dioxane
Concen: 27.131 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion: 88 Resp: 25818
Ion Ratio Lower Upper
88 100
58 96.8 74.4 111.6
43 39.5 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

Pvridine

Concen: 27.343 ng

RT: 3.92 min Scan# 107

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampled :

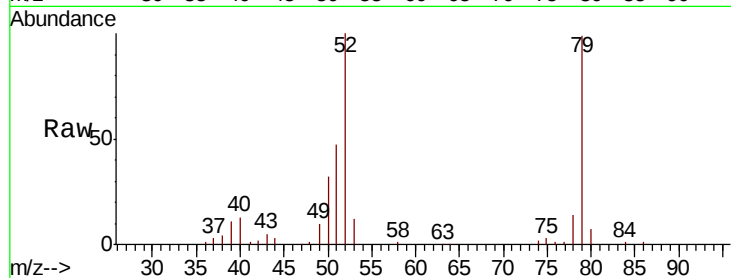
Tot Ion: 79 Resp: 74222

Ion Ratio Lower Upper

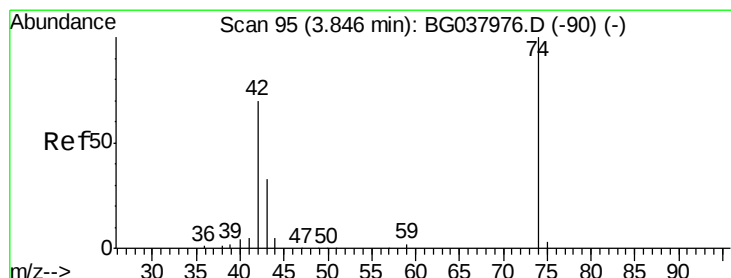
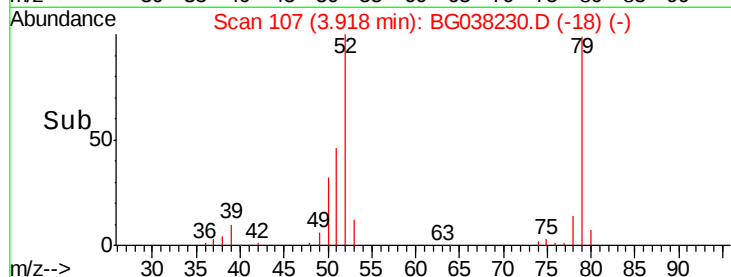
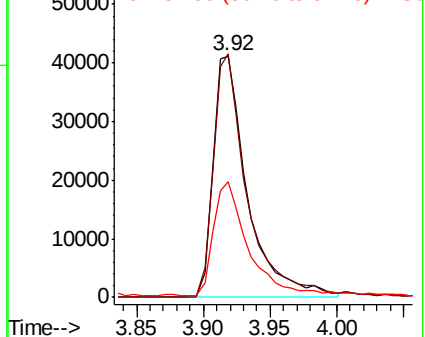
79 100

52 100.8 74.2 111.2

51 47.7 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: 47.581 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

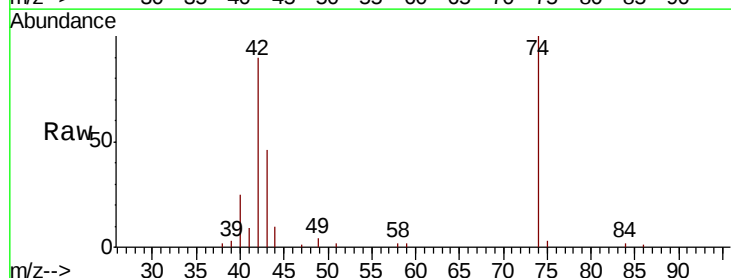
Tgt Ion: 42 Resp: 46858

Ion Ratio Lower Upper

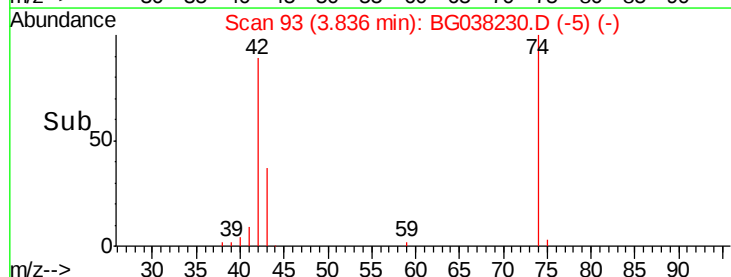
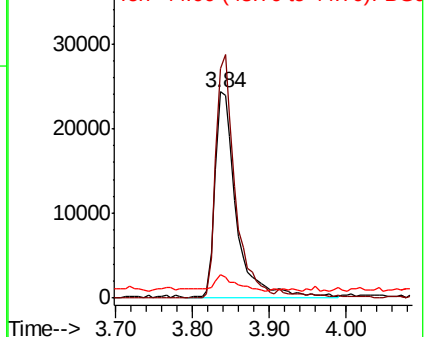
42 100

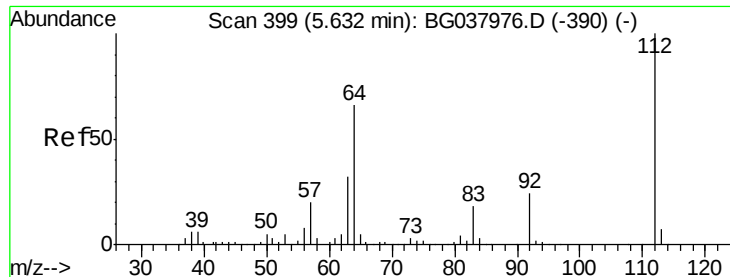
74 111.6 102.0 153.0

44 11.4 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: 89.272 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampled :

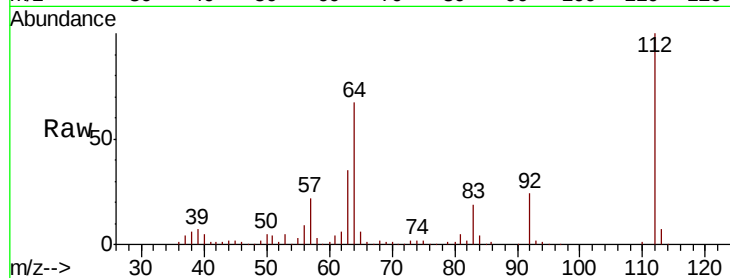
Tot Ion:112 Resp: 179851

Ion Ratio Lower Upper

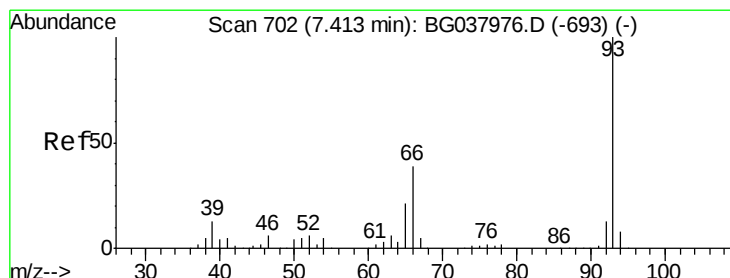
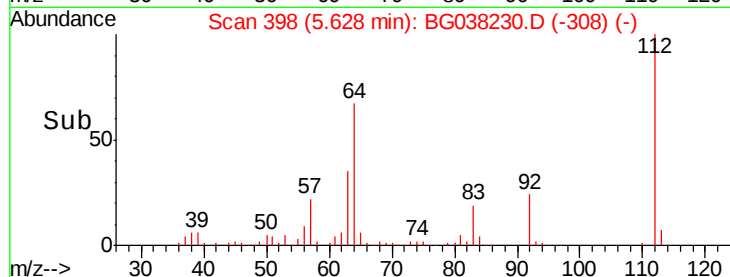
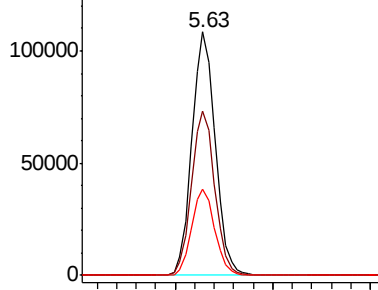
112 100

64 67.3 53.1 79.7

63 35.2 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: 13.673 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

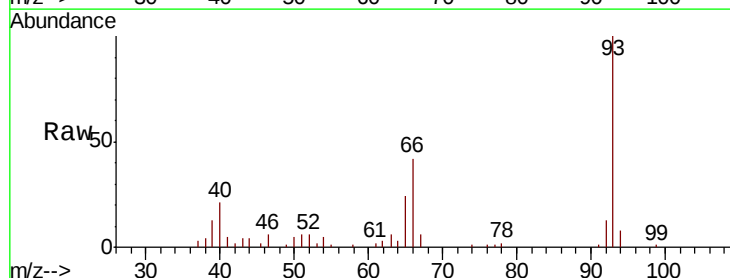
Tgt Ion: 93 Resp: 50749

Ion Ratio Lower Upper

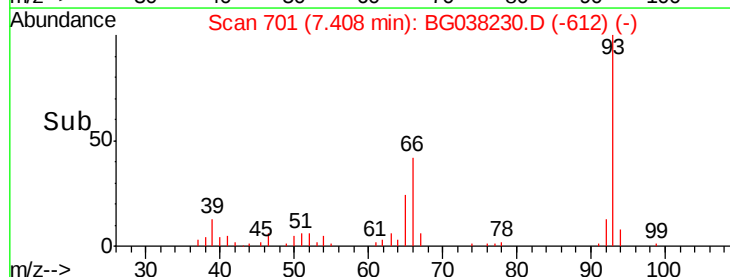
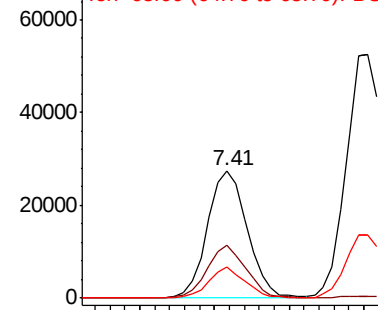
93 100

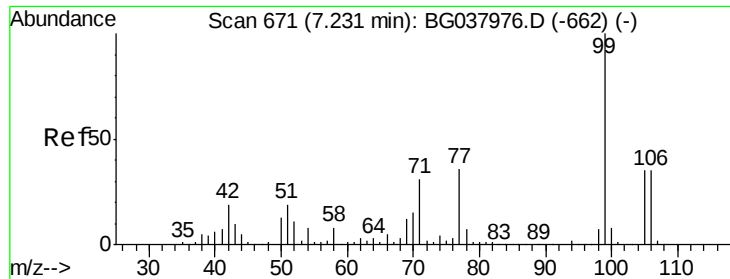
66 41.6 32.8 49.2

65 24.0 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: 85.203 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampled :

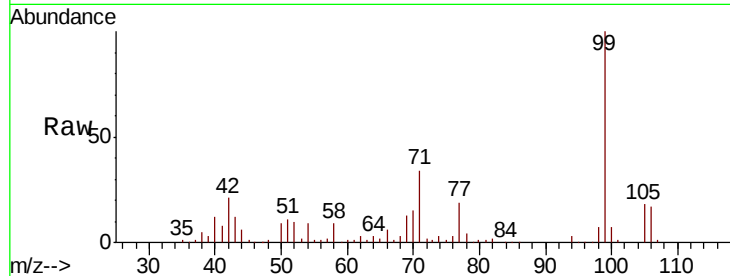
Tot Ion: 99 Resp: 245025

Ion Ratio Lower Upper

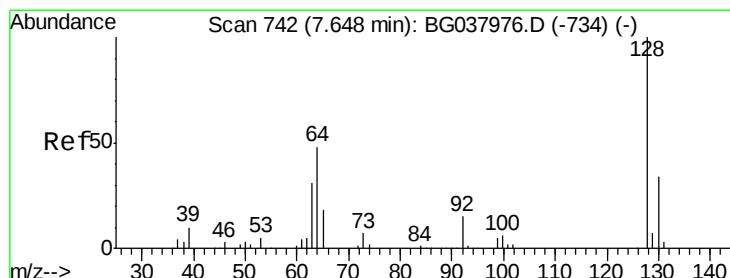
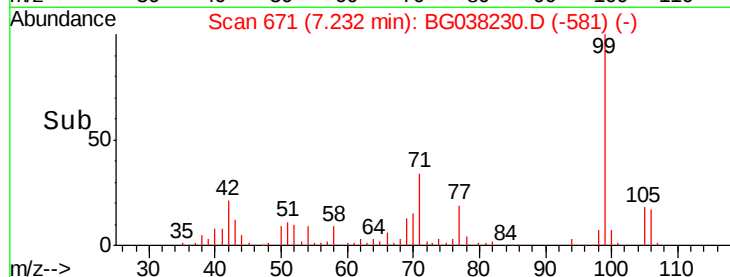
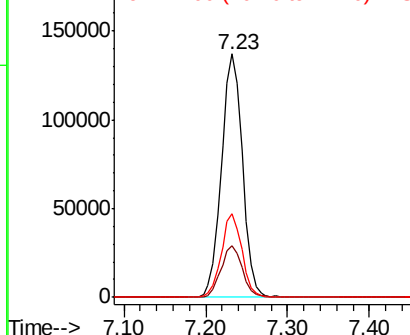
99 100

42 21.1 15.0 22.4

71 34.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 41.745 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

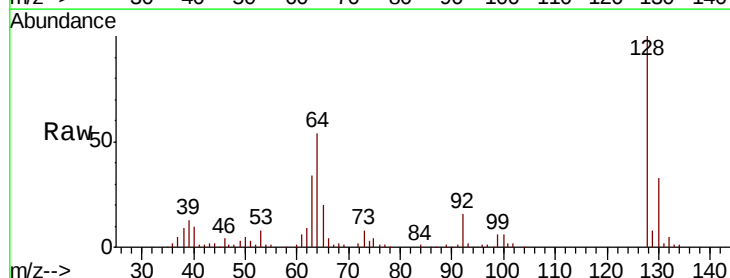
Tgt Ion: 128 Resp: 97585

Ion Ratio Lower Upper

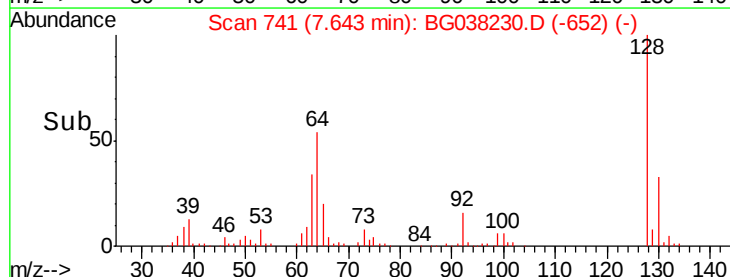
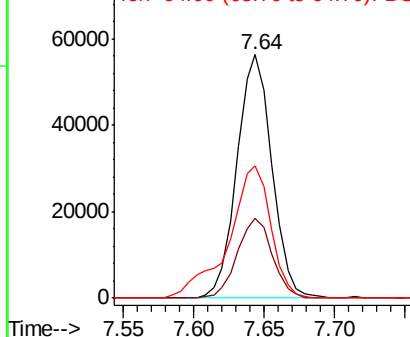
128 100

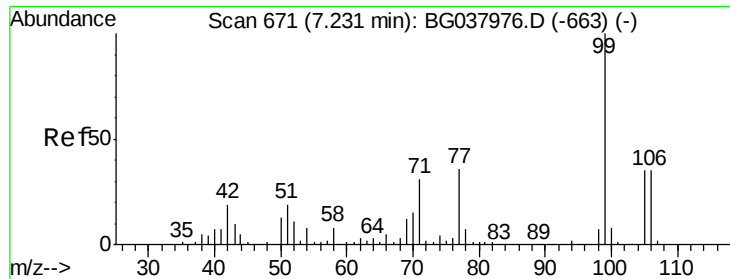
130 33.0 12.0 52.0

64 54.1 32.9 72.9



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





#9

Benzaldehyde

Concen: 29.357 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampled :

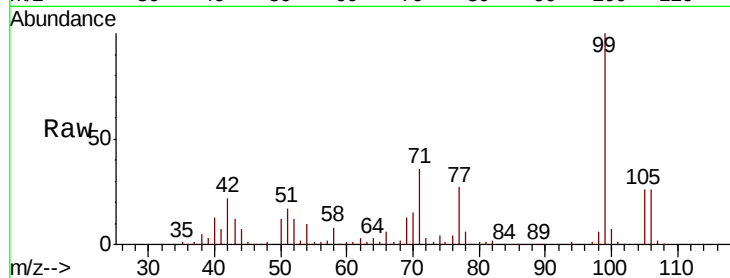
Tot Ion: 77 Resp: 61053

Ion Ratio Lower Upper

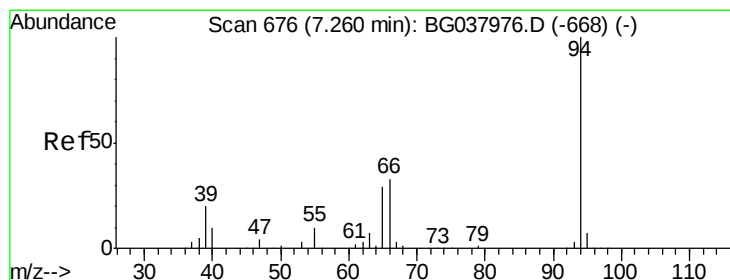
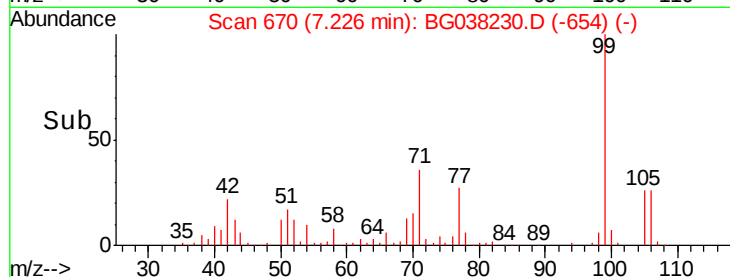
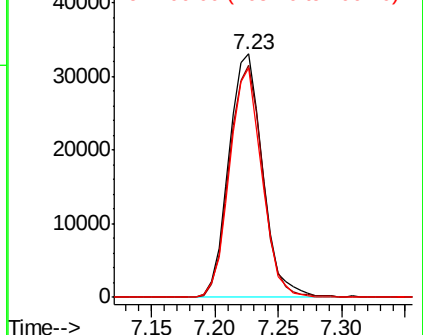
77 100

105 95.6 72.6 112.6

106 94.2 71.3 111.3



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



#10

Phenol

Concen: 41.803 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

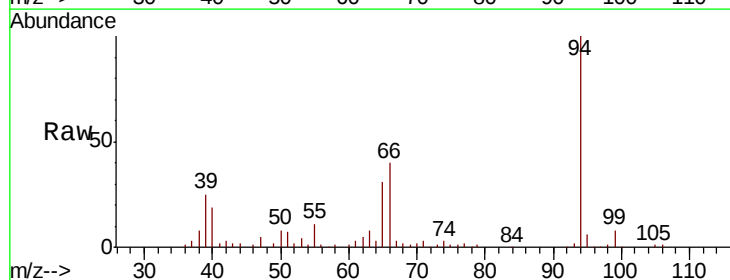
Tgt Ion: 94 Resp: 127336

Ion Ratio Lower Upper

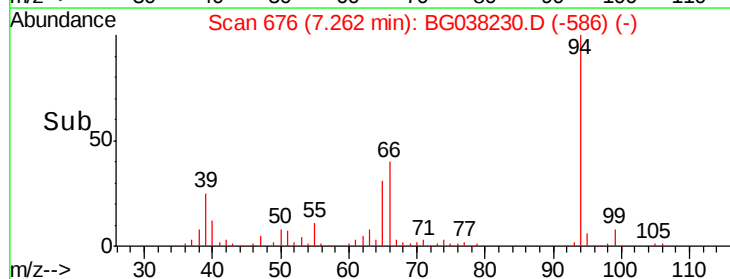
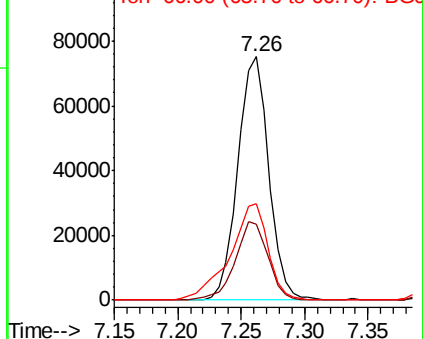
94 100

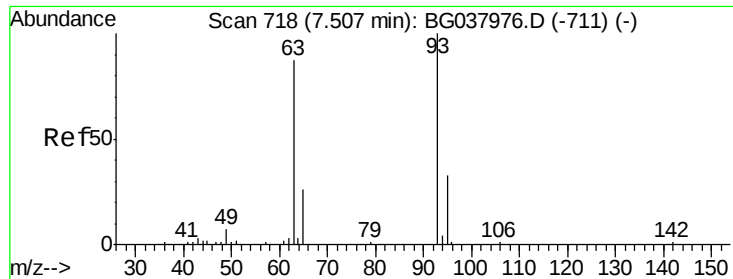
65 31.3 9.7 49.7

66 39.8 15.9 55.9



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

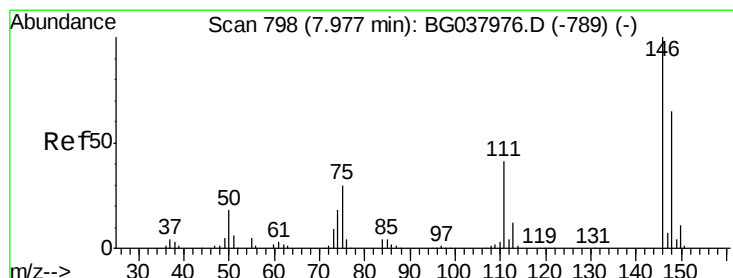
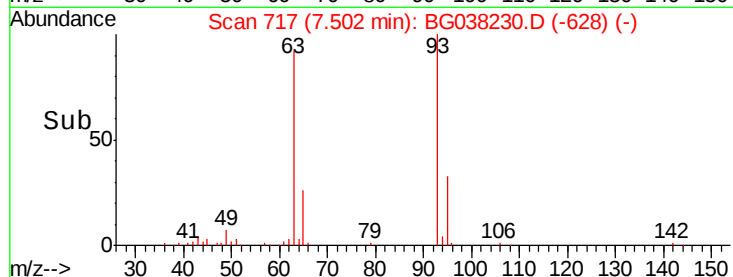
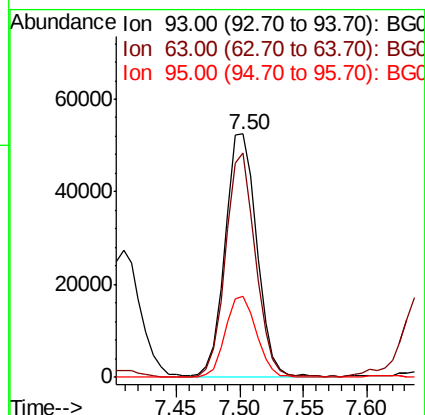
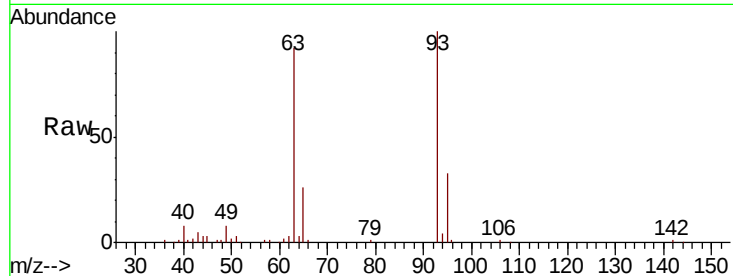




#11
 bis(2-Chloroethyl)ether
 Concen: 36.759 ng
 RT: 7.50 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

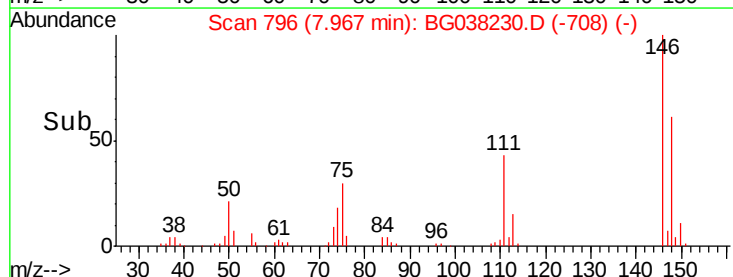
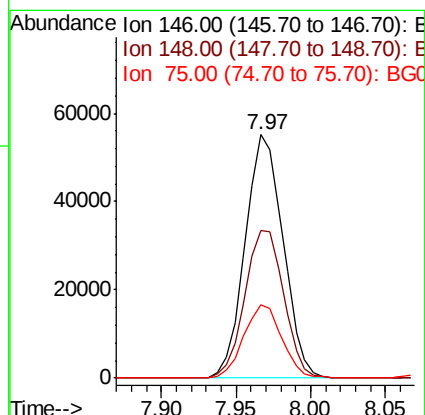
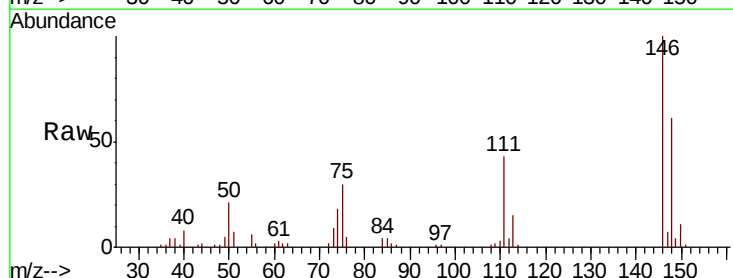
Instrument :
 BNA_G
 ClientSampleId :

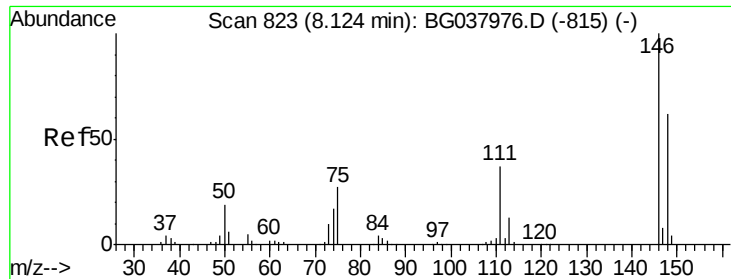
Tot Ion: 93 Resp: 91412
 Ion Ratio Lower Upper
 93 100
 63 92.3 69.5 109.5
 95 33.2 12.6 52.6



#12
 1,3-Dichlorobenzene
 Concen: 35.969 ng
 RT: 7.97 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion: 146 Resp: 96864
 Ion Ratio Lower Upper
 146 100
 148 60.7 49.8 74.8
 75 30.1 23.2 34.8

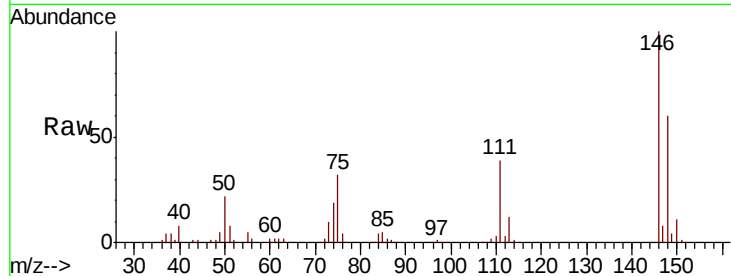




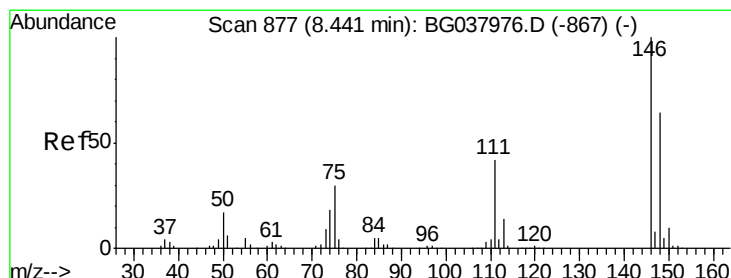
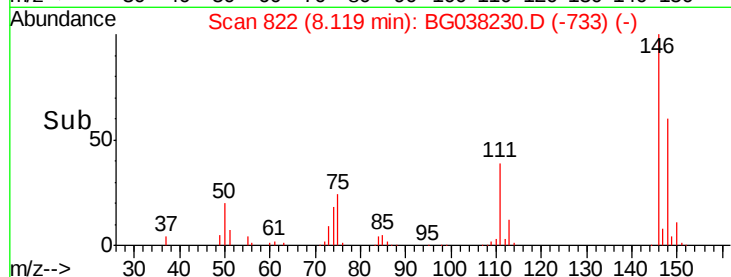
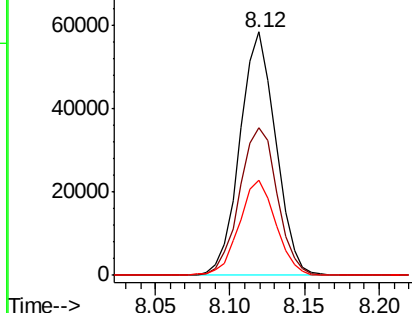
#13
 1,4-Dichlorobenzene
 Concen: 35.741 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 97228
 Ion Ratio Lower Upper
 146 100
 148 60.4 51.0 76.6
 111 39.2 32.4 48.6

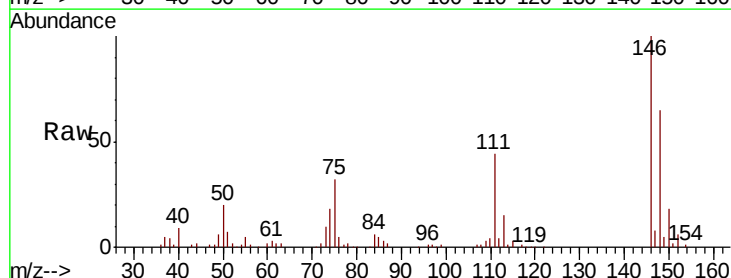


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

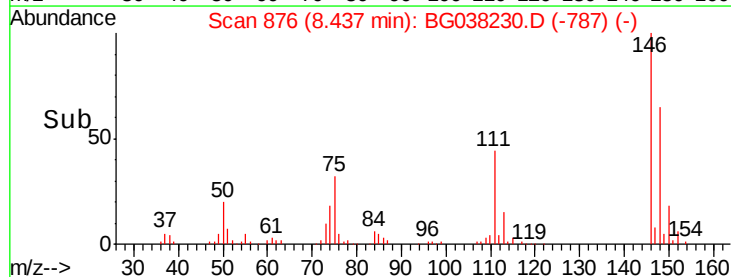
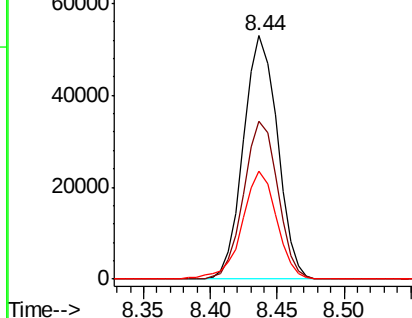


#14
 1,2-Dichlorobenzene
 Concen: 35.922 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:146 Resp: 93298
 Ion Ratio Lower Upper
 146 100
 148 64.7 50.4 75.6
 111 44.2 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: 41.876 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

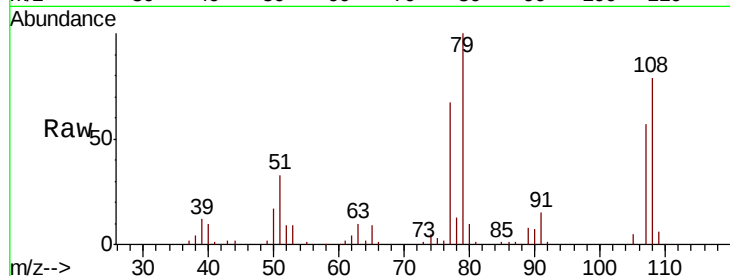
Tot Ion: 79 Resp: 87139

Ion Ratio Lower Upper

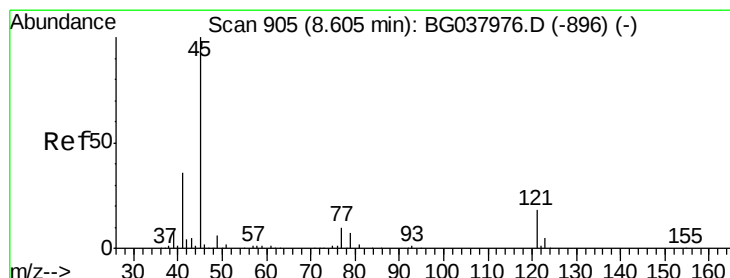
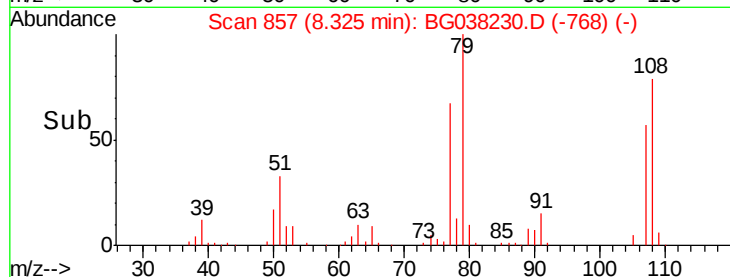
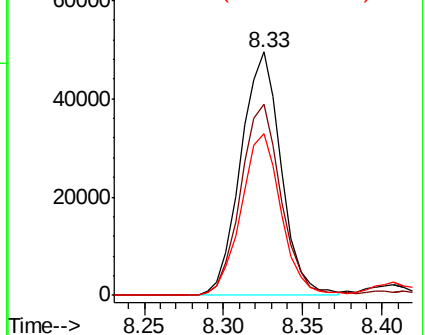
79 100

108 78.7 65.8 98.8

77 66.7 52.9 79.3



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 41.875 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

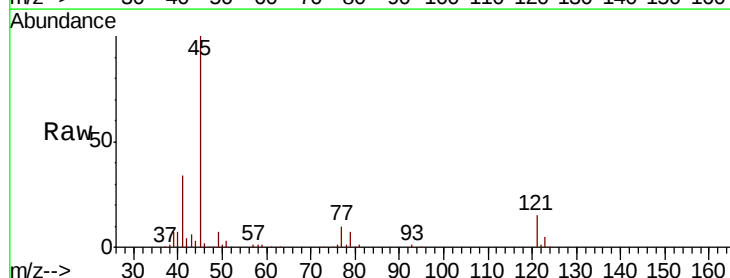
Tgt Ion: 45 Resp: 193365

Ion Ratio Lower Upper

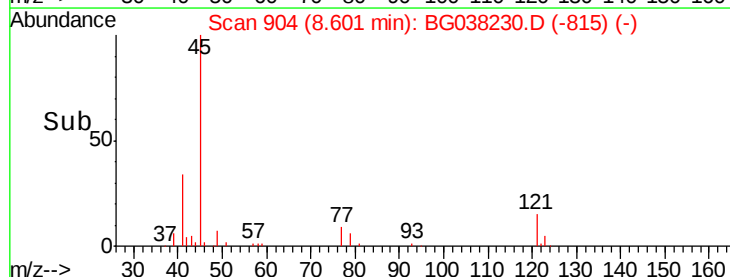
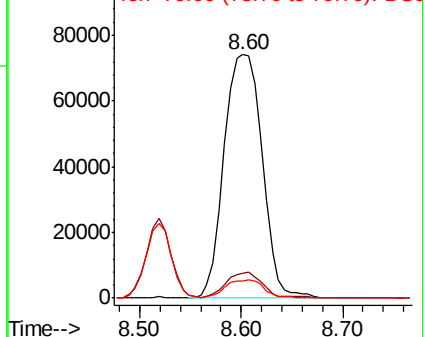
45 100

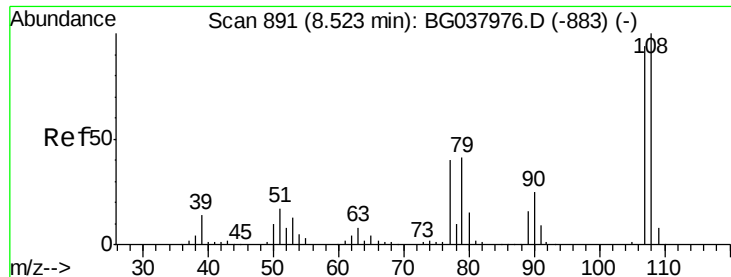
77 10.2 0.0 30.0

79 7.0 0.0 29.0



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





#17

2-Methylphenol

Concen: 42.331 ng

RT: 8.52 min Scan# 890

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 87176

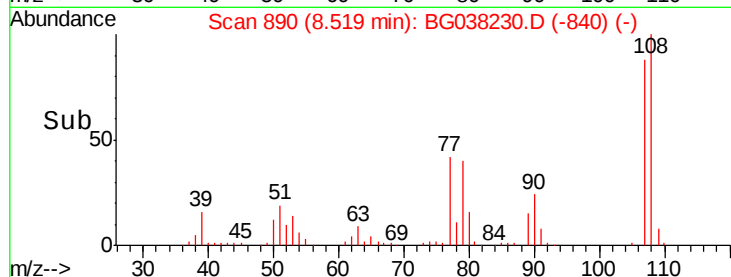
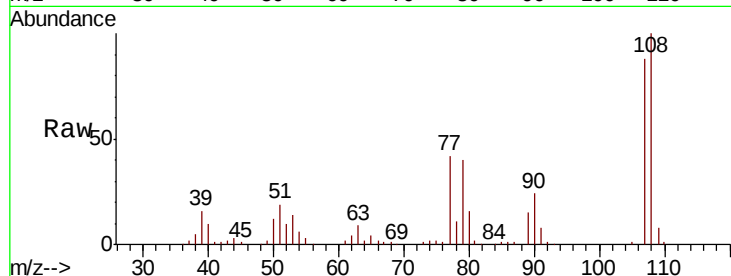
Ion Ratio Lower Upper

107 100

108 113.2 87.9 131.9

77 47.7 35.1 52.7

79 45.3 34.5 51.7

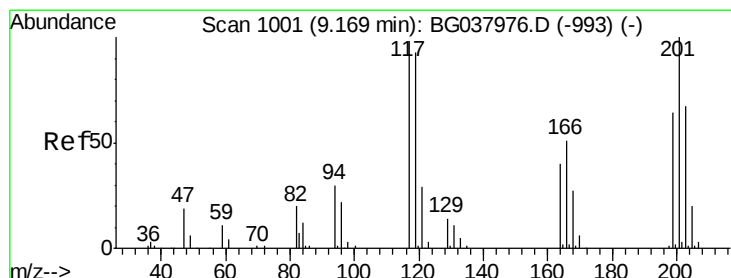
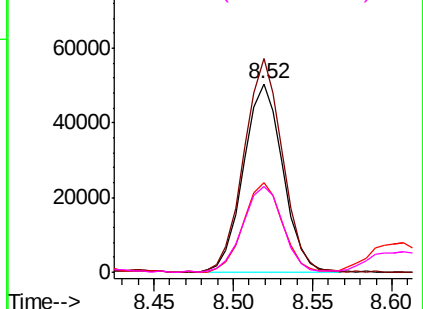


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.379 ng

RT: 9.17 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

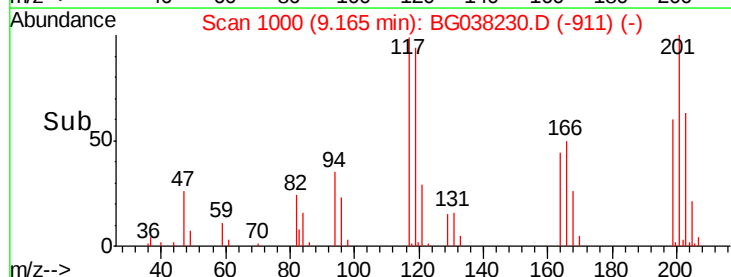
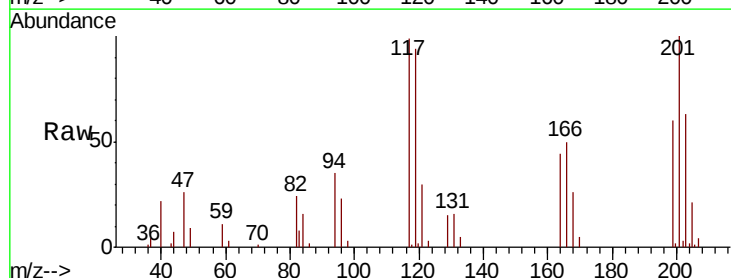
Tgt Ion:117 Resp: 36017

Ion Ratio Lower Upper

117 100

119 95.1 74.6 111.8

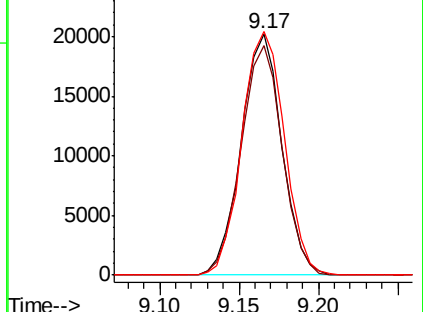
201 100.8 80.8 121.2

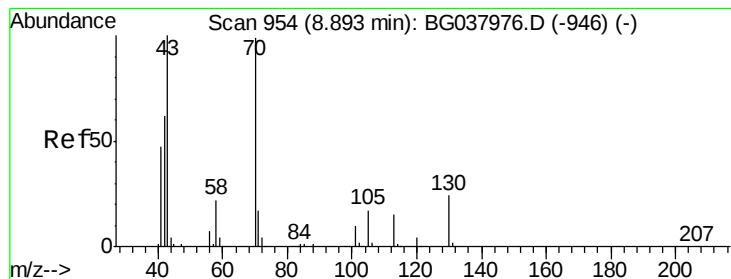


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.426 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 75797

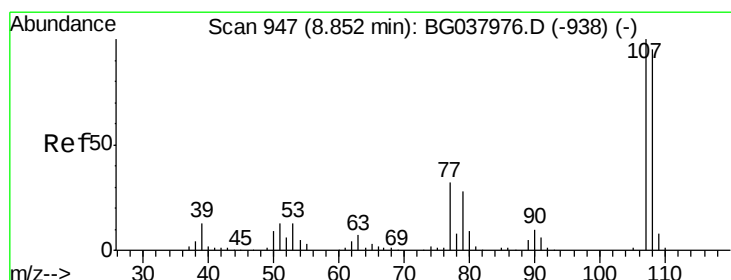
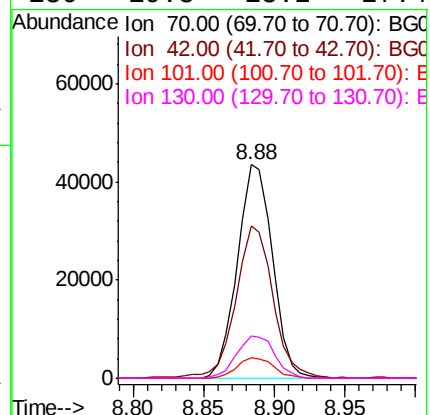
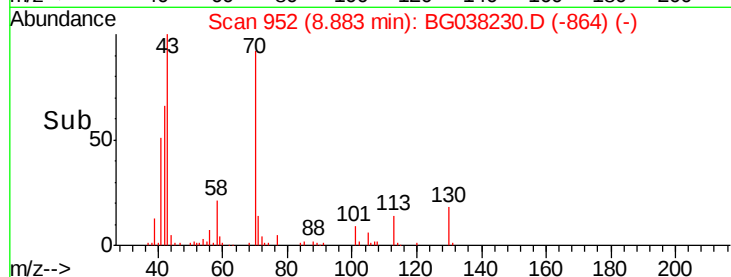
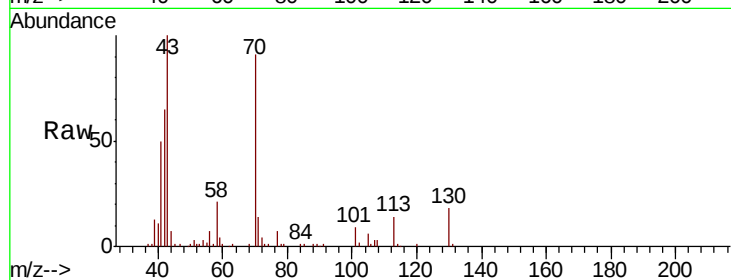
Ion Ratio Lower Upper

70 100

42 71.1 53.9 80.9

101 9.6 8.2 12.2

130 19.8 18.2 27.4



#20

3+4-Methylphenols

Concen: 40.390 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Tgt Ion: 107 Resp: 117914

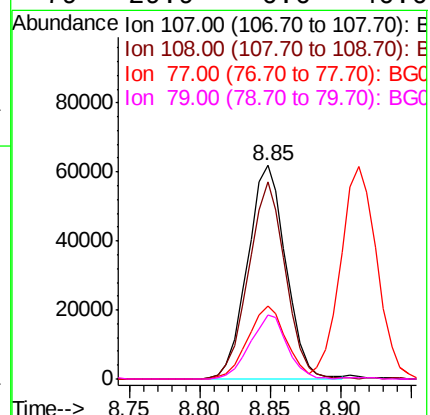
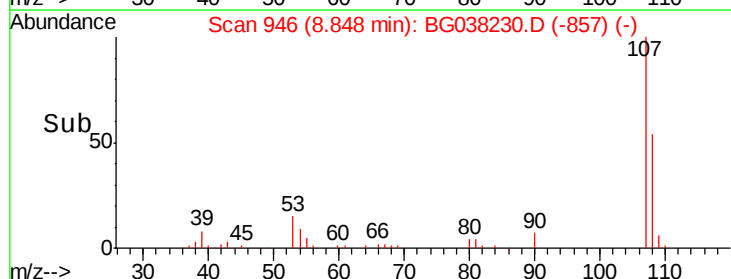
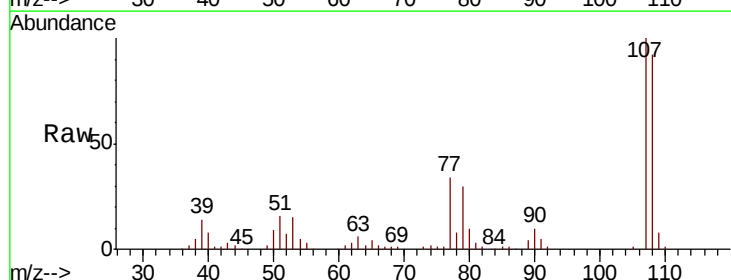
Ion Ratio Lower Upper

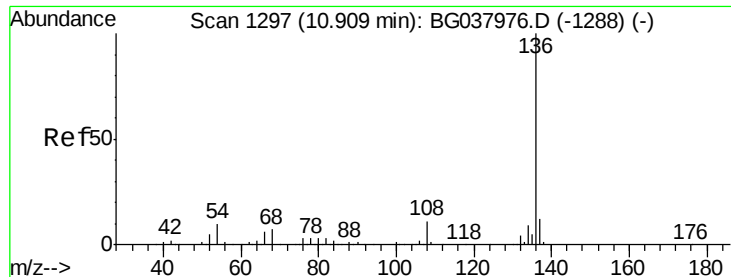
107 100

108 92.4 69.9 109.9

77 34.3 11.2 51.2

79 29.9 6.6 46.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 155073

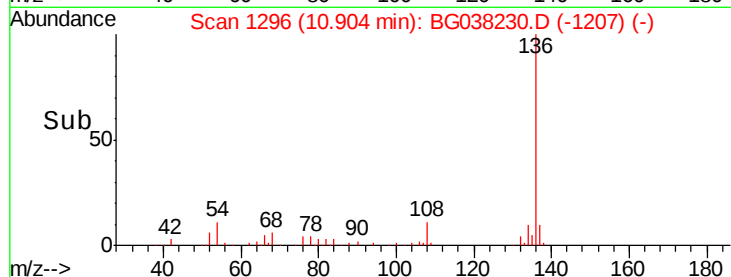
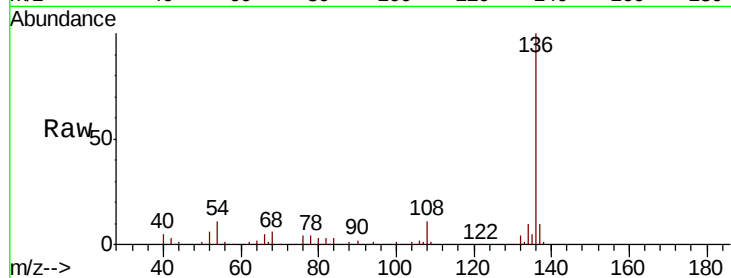
Ion Ratio Lower Upper

136 100

137 10.5 9.6 14.4

54 11.0 7.9 11.9

68 5.8 4.8 7.2

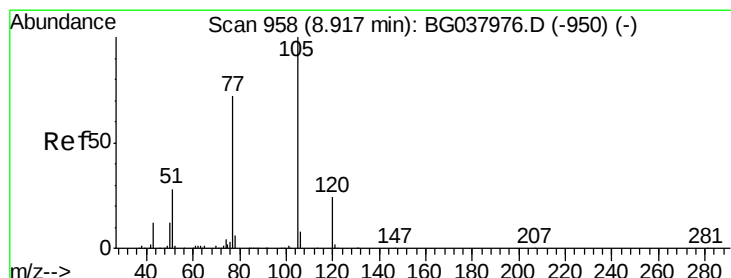
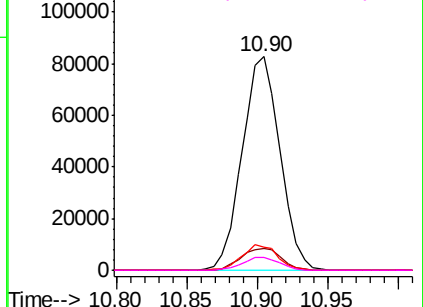


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.706 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Tgt Ion:105 Resp: 141623

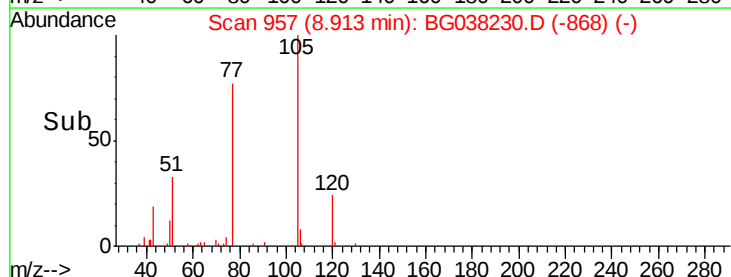
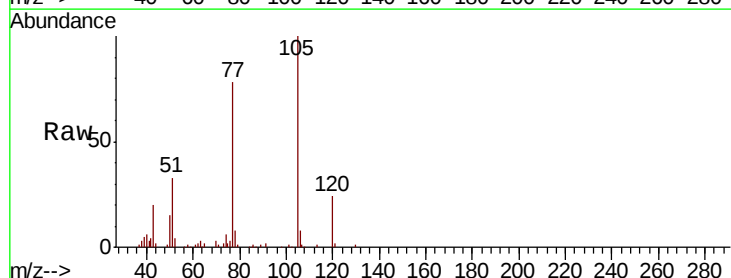
Ion Ratio Lower Upper

105 100

71 0.8 1.2 1.8#

51 33.4 25.0 37.6

120 23.6 18.6 28.0

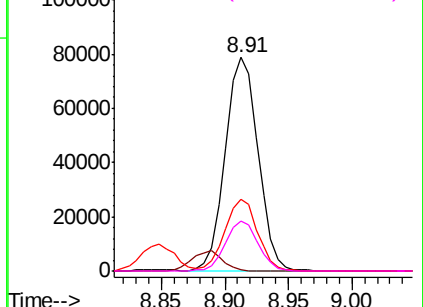


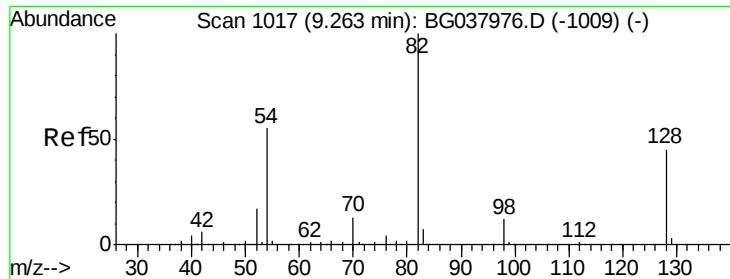
Abundance Ion 105.00 (104.70 to 105.70): E

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

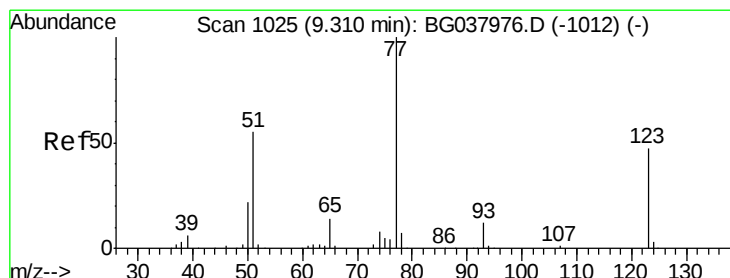
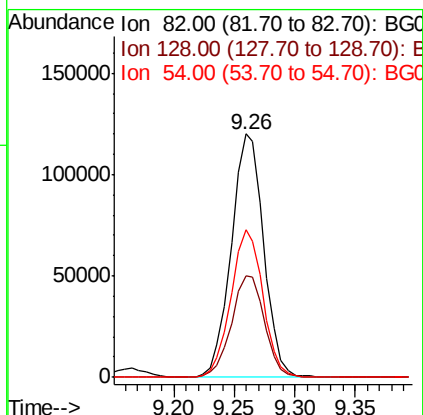
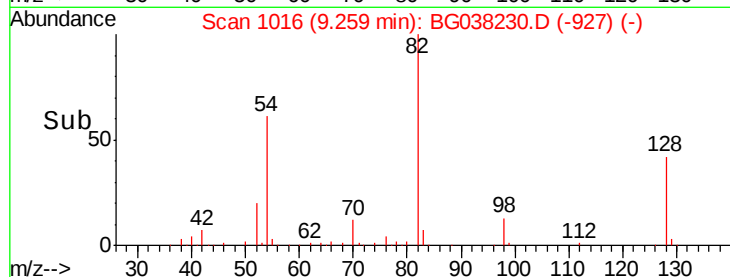
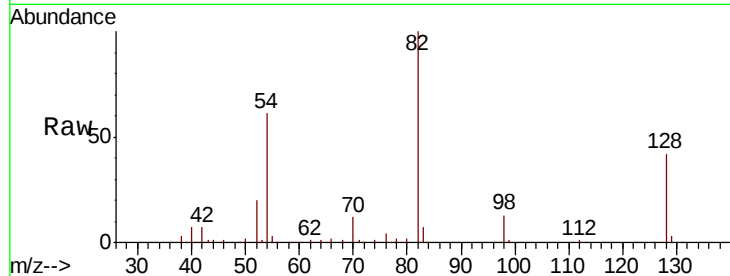




#23
Nitrobenzene-d5
Concen: 77.377 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

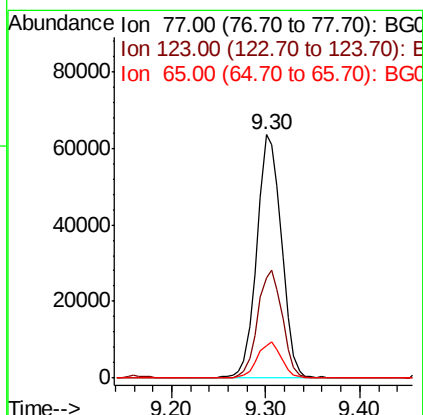
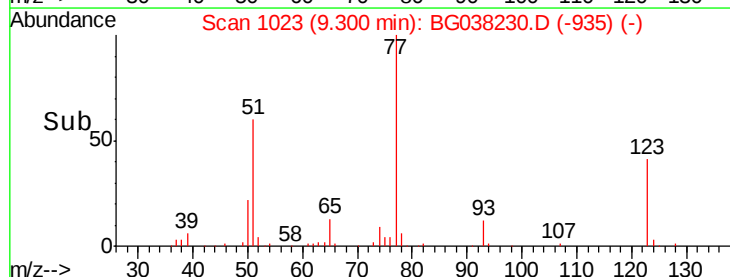
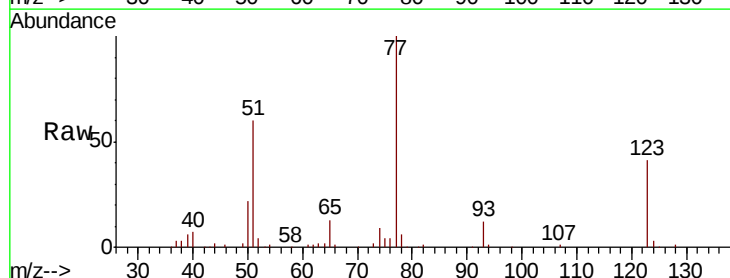
Instrument :
BNA_G
ClientSampleId :

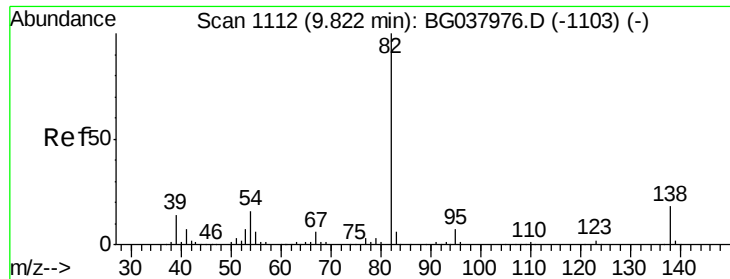
Tot Ion: 82 Resp: 224154
Ion Ratio Lower Upper
82 100
128 41.7 34.6 51.8
54 60.6 45.3 67.9



#24
Nitrobenzene
Concen: 38.999 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion: 77 Resp: 115572
Ion Ratio Lower Upper
77 100
123 41.4 33.6 50.4
65 13.5 11.3 16.9





#25

Isophorone

Concen: 40.362 ng

RT: 9.82 min Scan# 1111

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

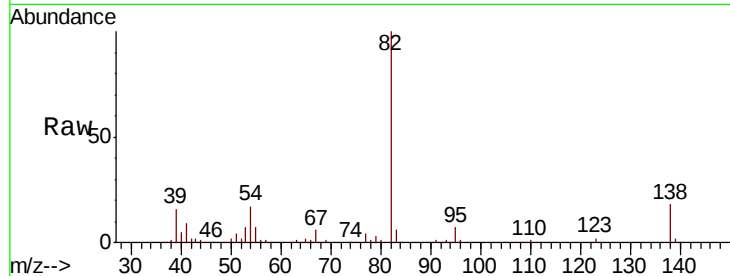
Tot Ion: 82 Resp: 210452

Ion Ratio Lower Upper

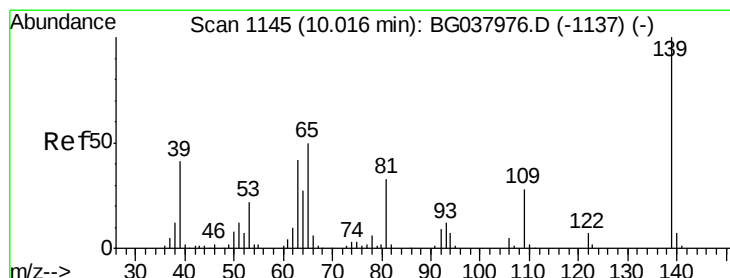
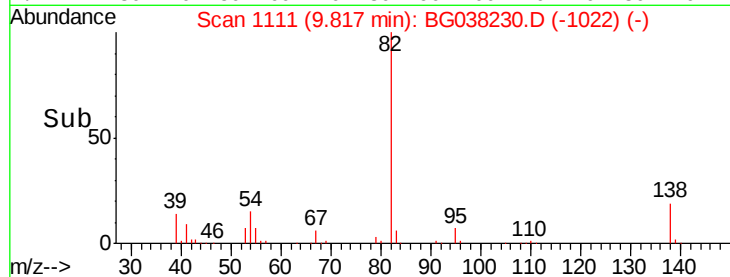
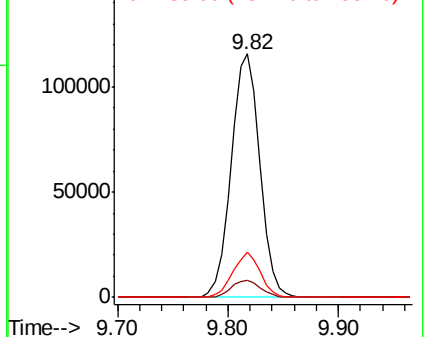
82 100

95 6.8 5.3 7.9

138 18.3 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: 37.174 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

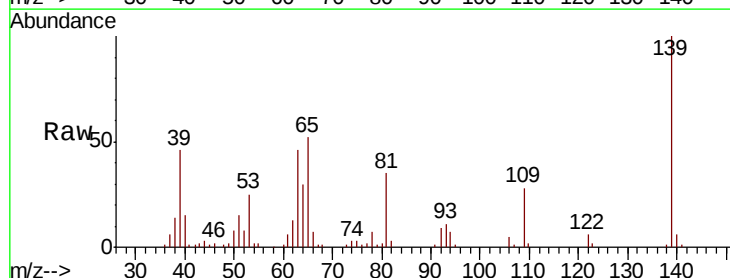
Tgt Ion: 139 Resp: 54996

Ion Ratio Lower Upper

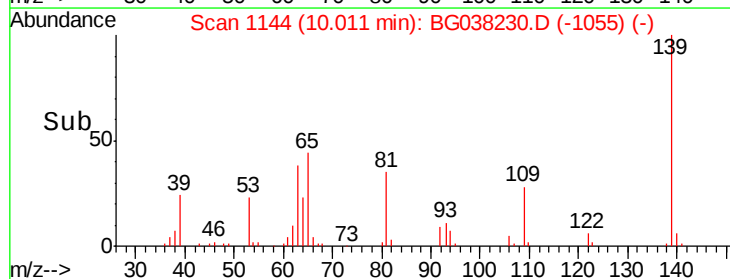
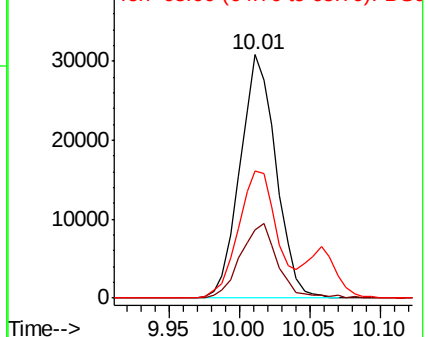
139 100

109 28.3 23.3 34.9

65 52.0 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

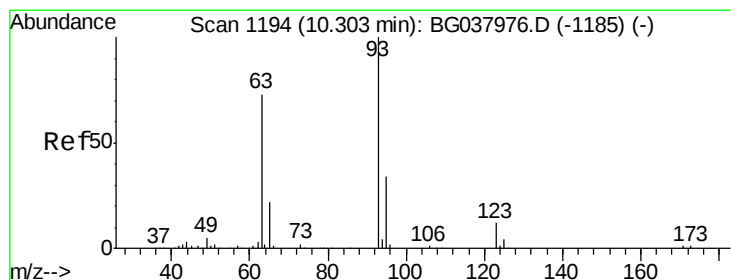
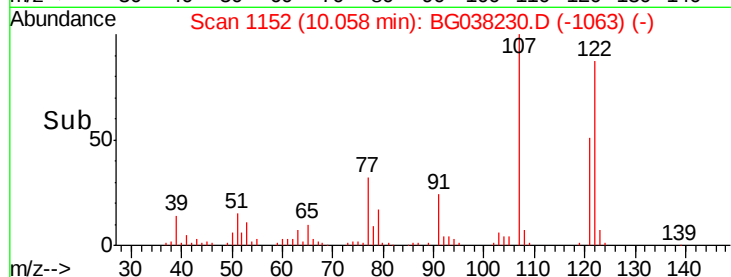
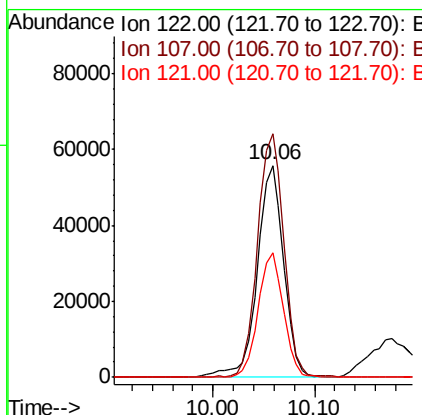
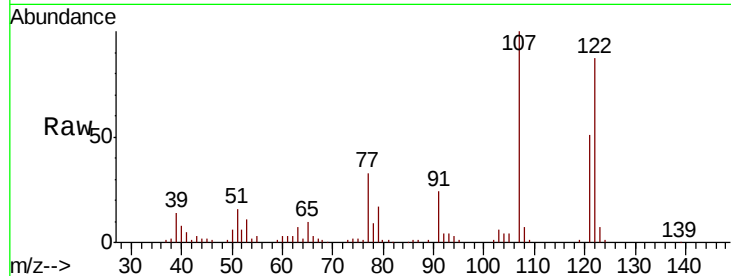




#27
 2,4-Dimethylphenol
 Concen: 45.291 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

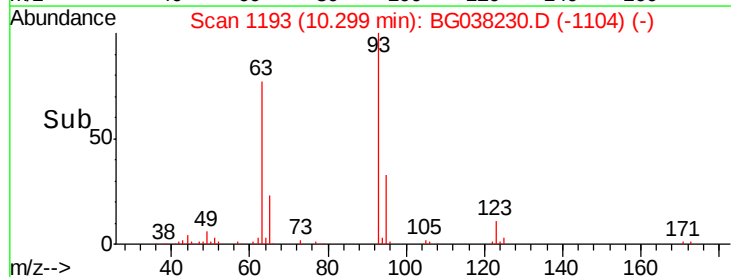
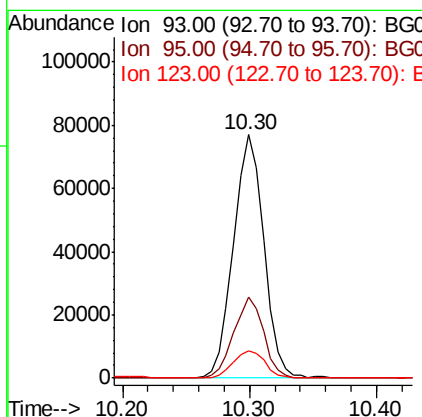
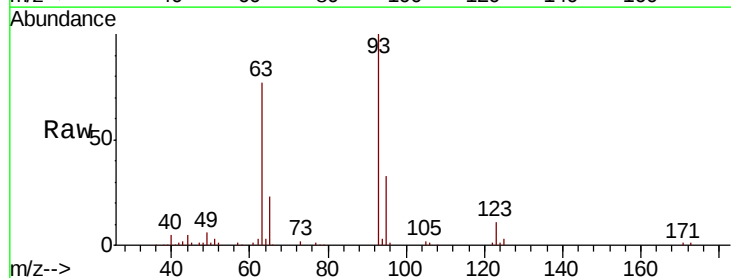
Instrument :
 BNA_G
 ClientSampleId :

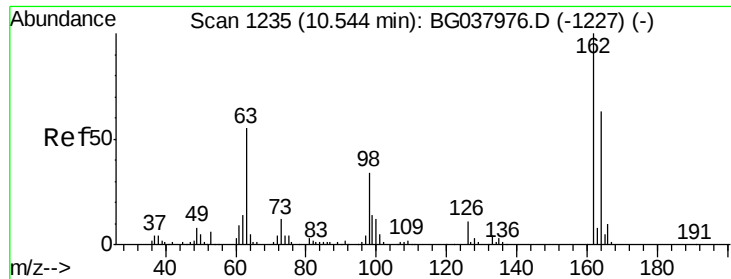
Tot Ion:122 Resp: 100954
 Ion Ratio Lower Upper
 122 100
 107 114.9 94.2 141.2
 121 58.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.283 ng
 RT: 10.30 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion: 93 Resp: 127642
 Ion Ratio Lower Upper
 93 100
 95 33.1 24.6 37.0
 123 11.2 9.1 13.7

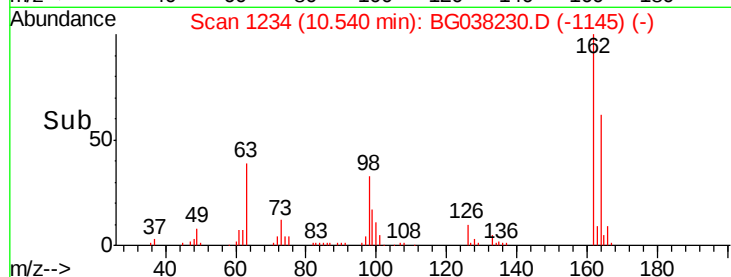
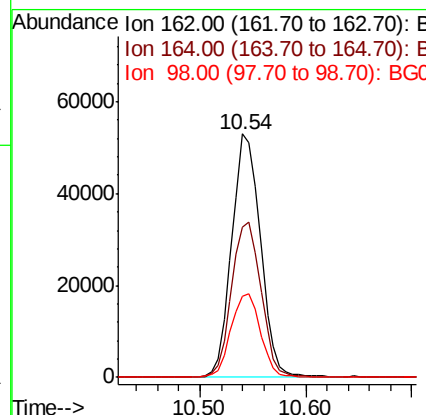
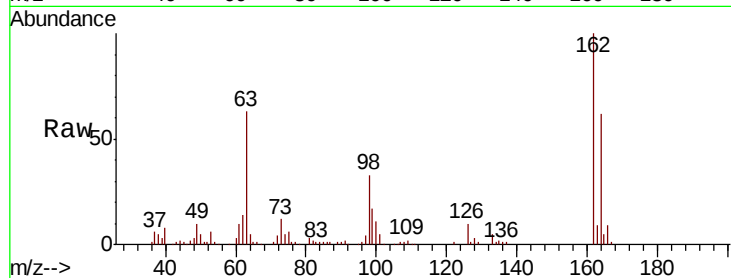




#29
 2,4-Dichlorophenol
 Concen: 39.730 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

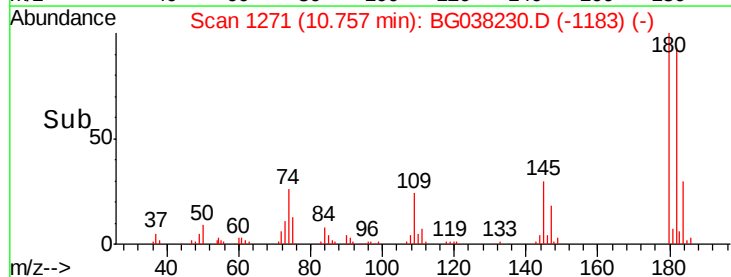
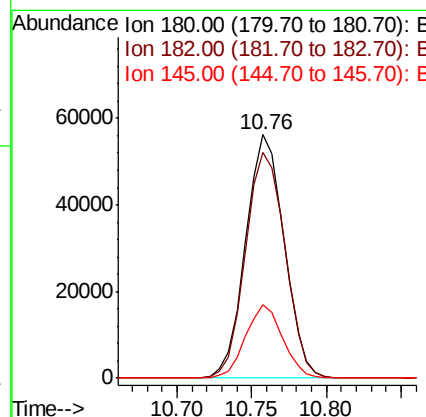
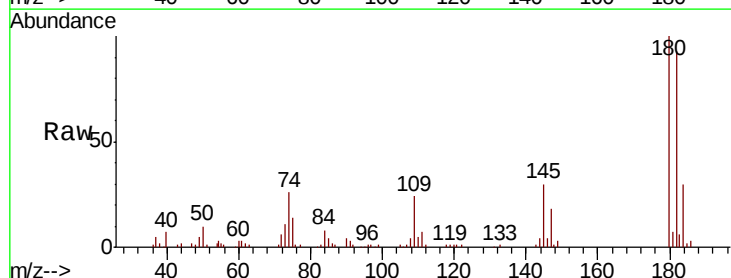
Instrument :
 BNA_G
 ClientSampleId :

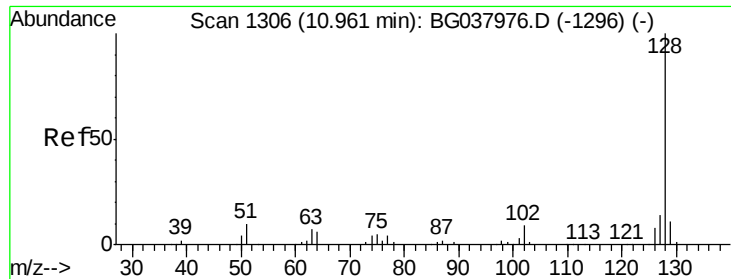
Tot Ion	162	Resp	99611
Ion Ratio	Lower	Upper	
162	100		
164	61.7	43.2	83.2
98	33.4	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 35.687 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion	180	Resp	100265
Ion Ratio	Lower	Upper	
180	100		
182	92.9	77.7	116.5
145	30.3	23.3	34.9

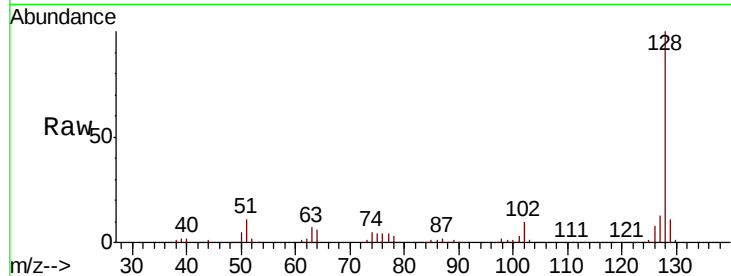




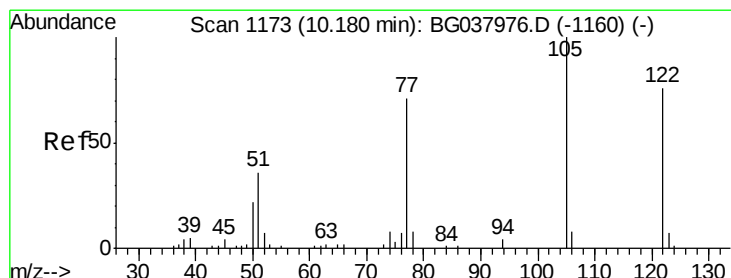
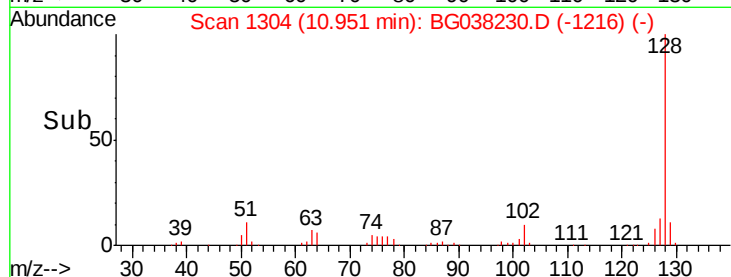
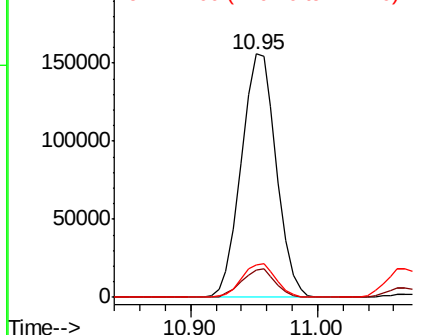
#31
Naphthalene
Concen: 39.132 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 298467
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 11.1 16.7

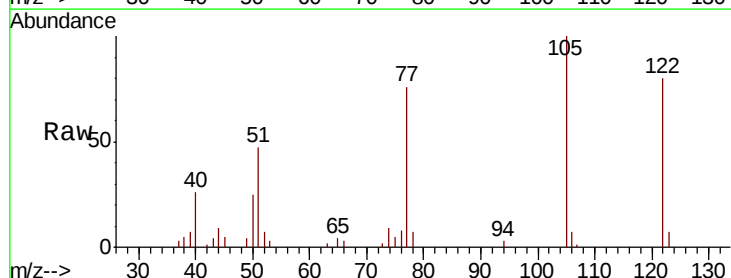


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

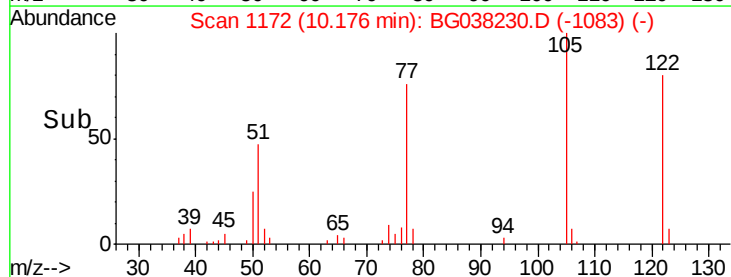
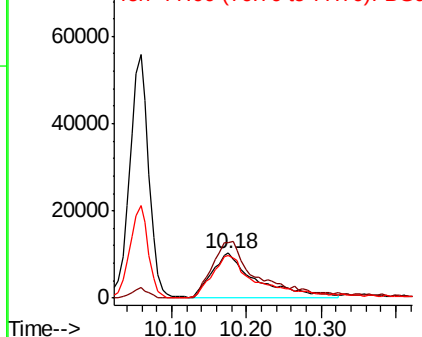


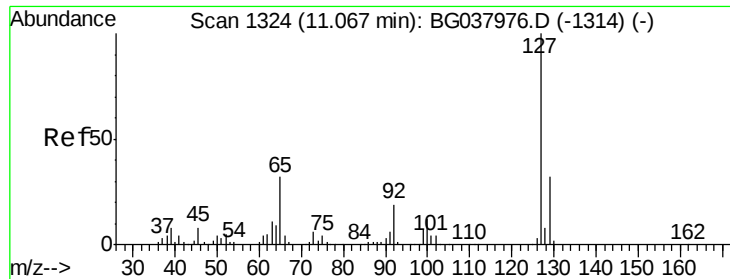
#32
Benzoic acid
Concen: 33.579 ng
RT: 10.18 min Scan# 1172
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:122 Resp: 41037
Ion Ratio Lower Upper
122 100
105 124.6 106.7 146.7
77 95.0 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): BGO

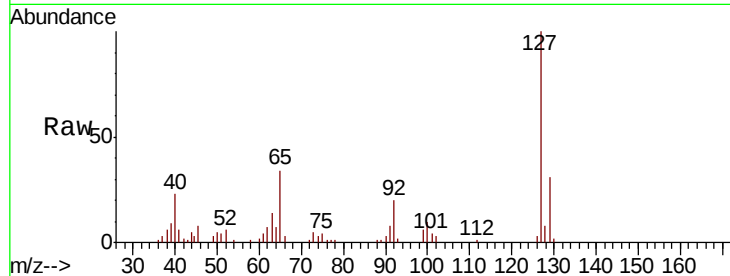




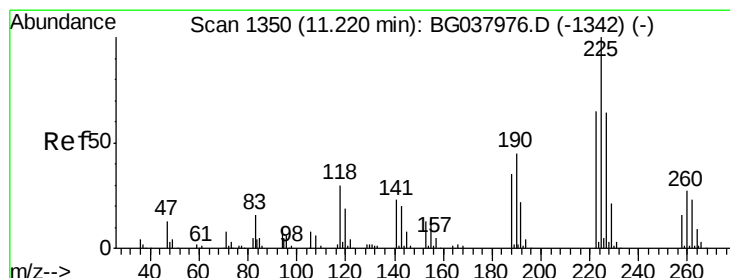
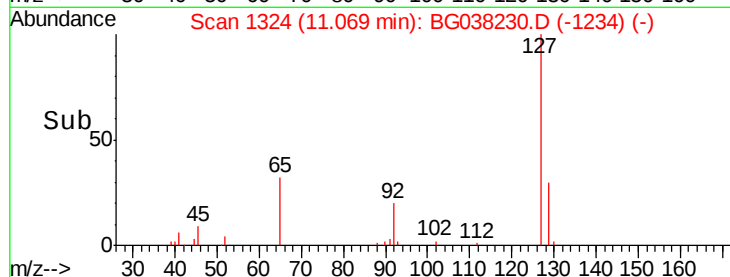
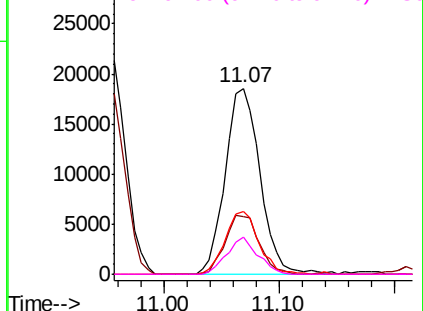
#33
4-Chloroaniline
Concen: 10.922 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	38750
Ion	Ratio	Lower Upper
127	100	
129	31.0	27.1 40.7
65	33.9	26.6 39.8
92	20.2	16.4 24.6

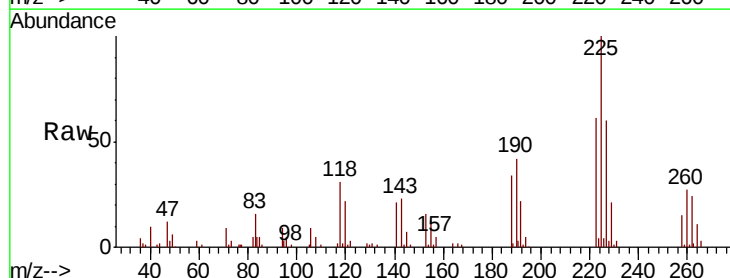


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

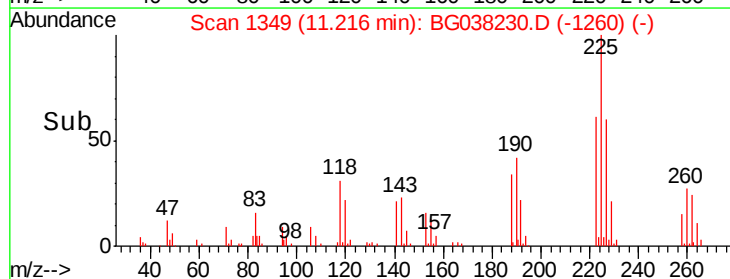
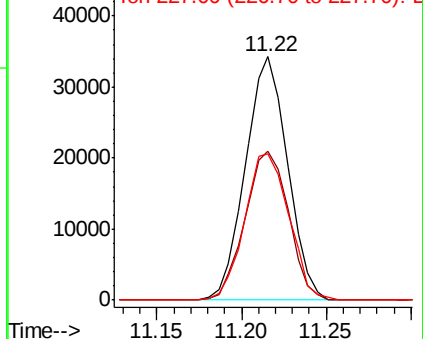


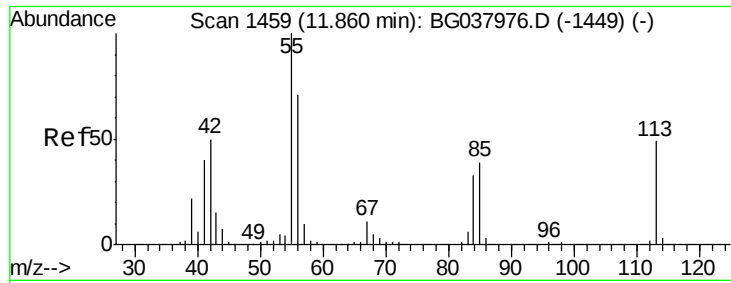
#34
Hexachlorobutadiene
Concen: 34.333 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:225	Resp:	59367
Ion	Ratio	Lower Upper
225	100	
223	61.9	48.2 72.4
227	60.7	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

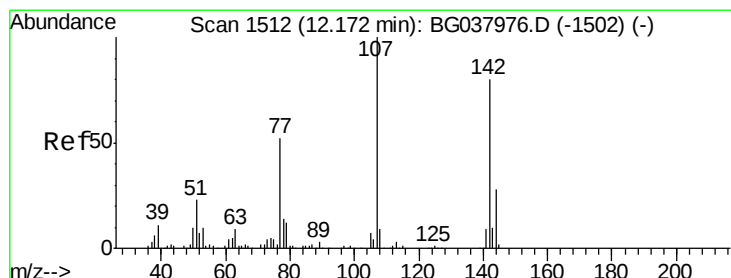
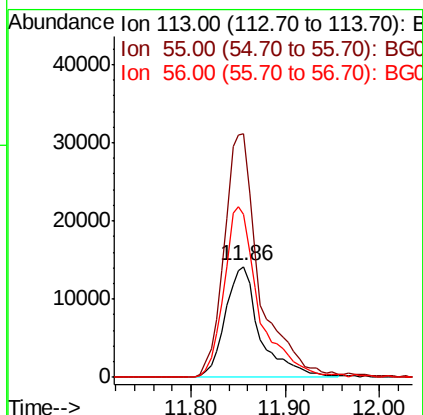
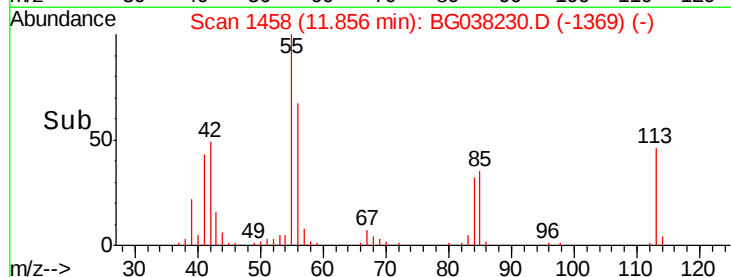
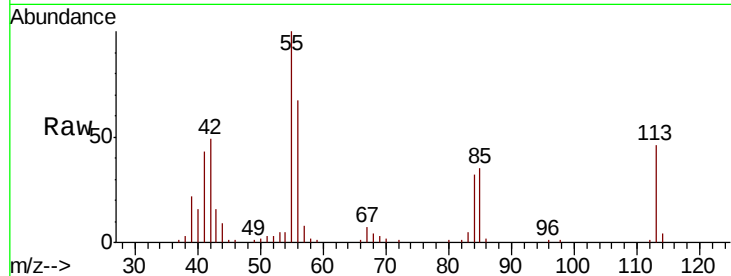




#35
Caprolactam
Concen: 36.367 ng
RT: 11.86 min Scan# 1458
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

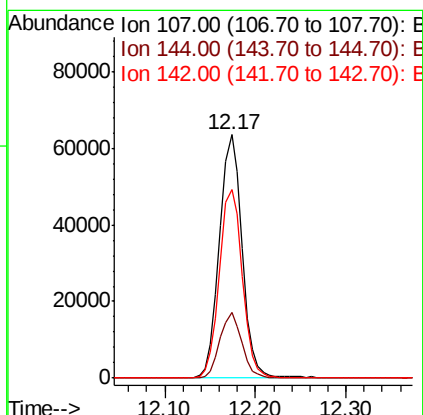
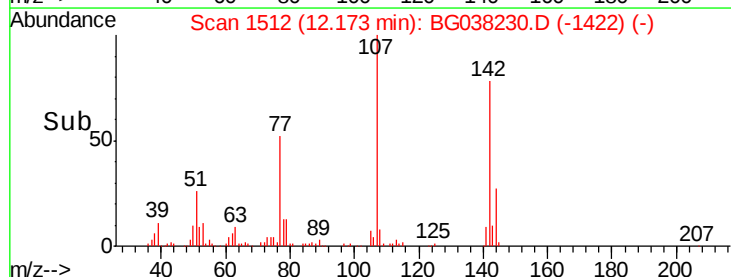
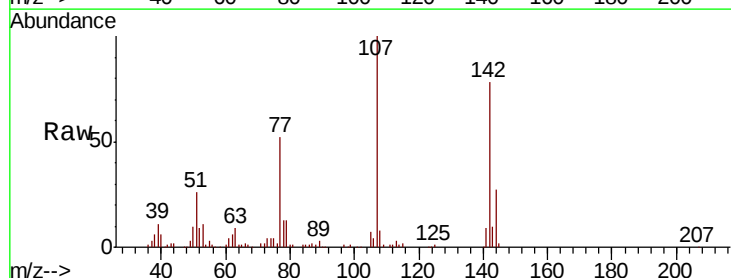
Instrument :
BNA_G
ClientSampled :

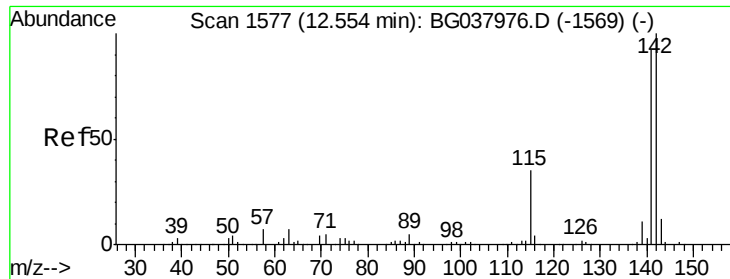
Tot Ion:113 Resp: 36496
Ion Ratio Lower Upper
113 100
55 219.8 176.6 216.6#
56 147.6 128.3 168.3



#36
4-Chloro-3-methylphenol
Concen: 40.349 ng
RT: 12.17 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:107 Resp: 110522
Ion Ratio Lower Upper
107 100
144 27.2 20.7 31.1
142 77.7 64.4 96.6

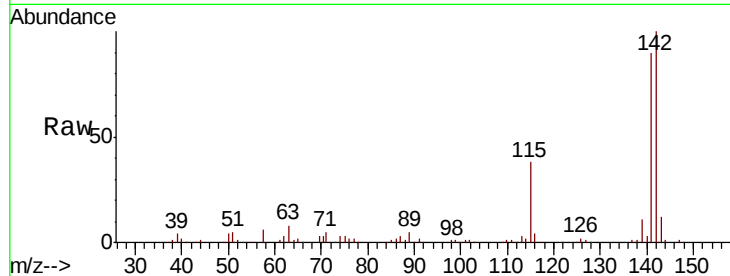




#37
 2-Methylnaphthalene
 Concen: 40.787 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.9	107.9
115	37.8	27.8	41.8

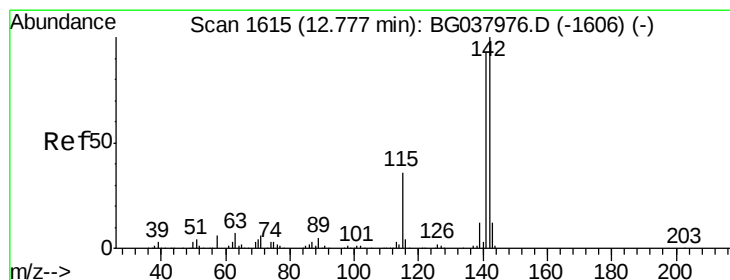
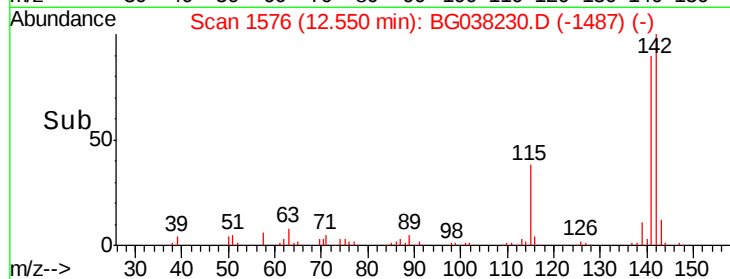
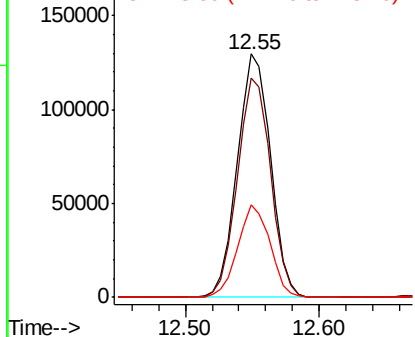


Abundance

Ion 142.00 (141.70 to 142.70): E

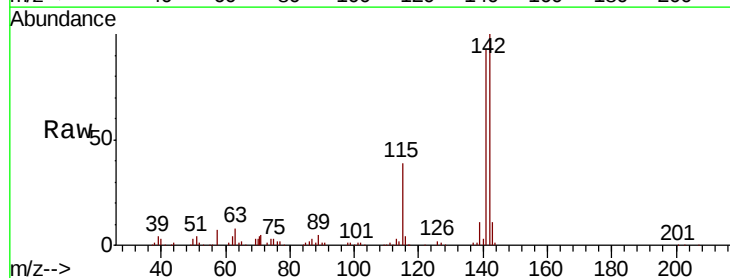
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 39.360 ng
 RT: 12.77 min Scan# 1614
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	75.2	112.8
116	4.3	3.3	4.9

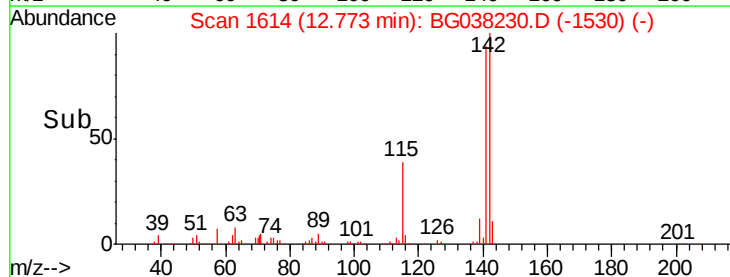
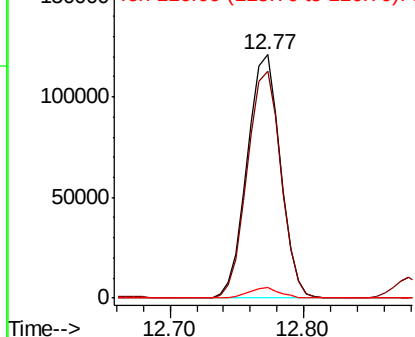


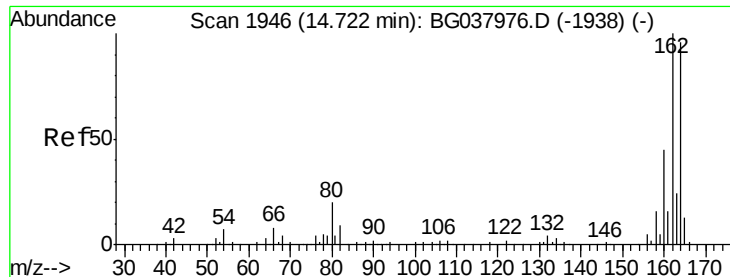
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

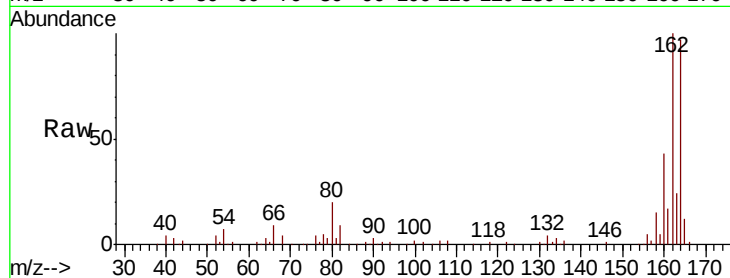
Tot Ion:164 Resp: 94768

Ion Ratio Lower Upper

164 100

162 102.9 81.3 121.9

160 44.3 36.3 54.5

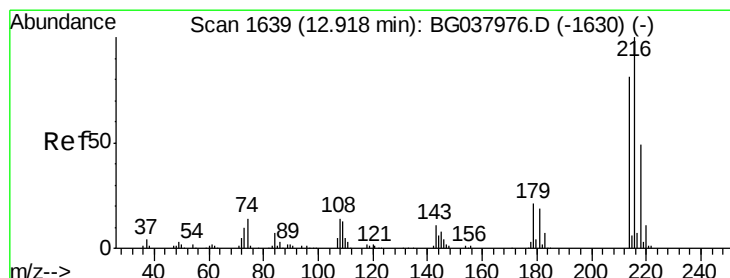
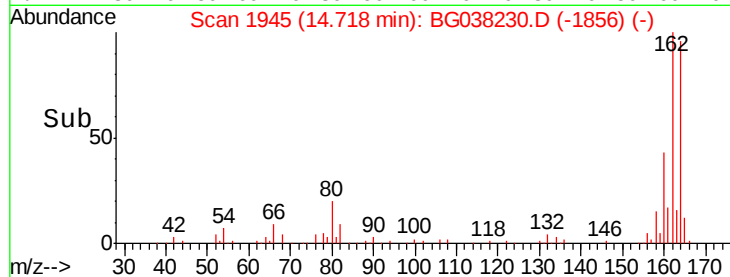
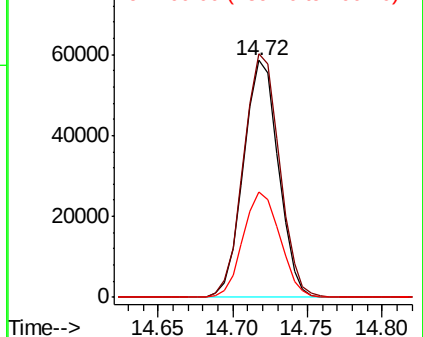


Abundance

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: 36.487 ng

RT: 12.91 min Scan# 1638

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Tgt Ion:216 Resp: 115544

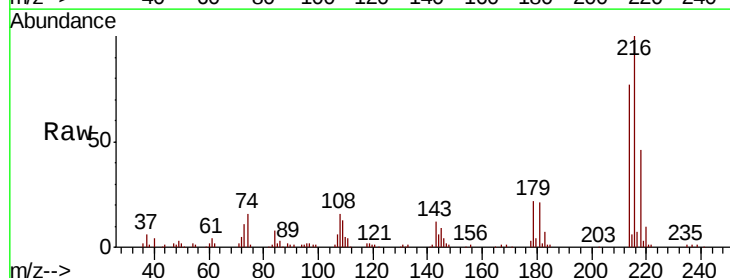
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.6

179 21.4 17.4 26.0

108 20.2 13.9 20.9



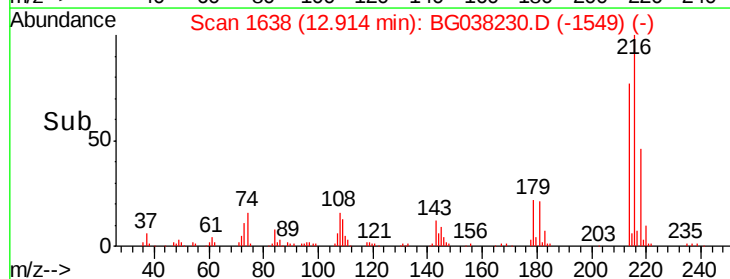
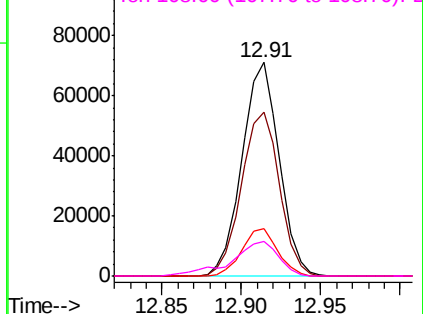
Abundance

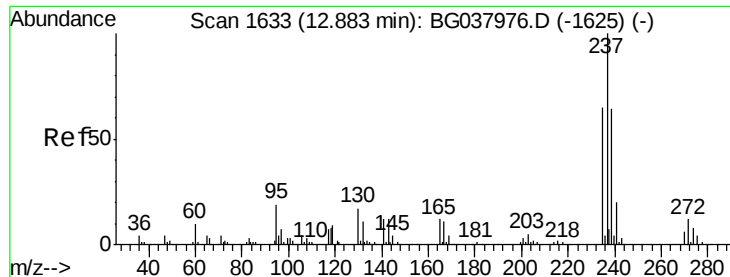
Ion 216.00 (215.70 to 216.70): E

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: 80.082 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

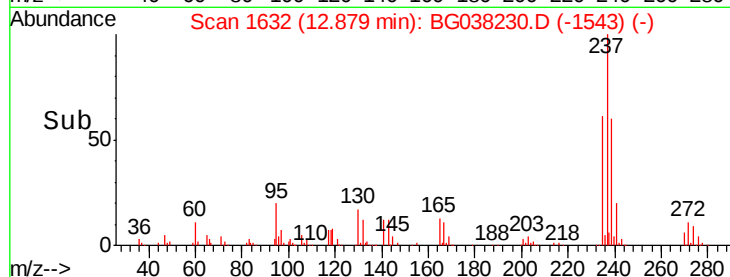
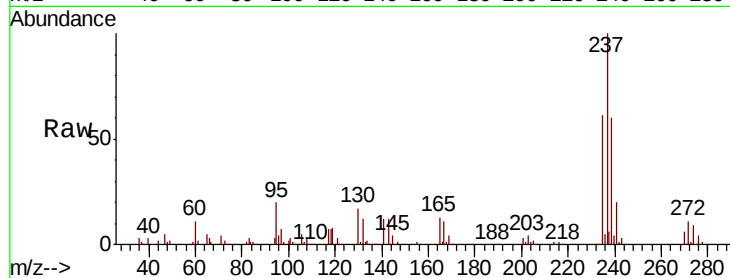
Tot Ion:237 Resp: 135795

Ion Ratio Lower Upper

237 100

235 61.5 42.5 82.5

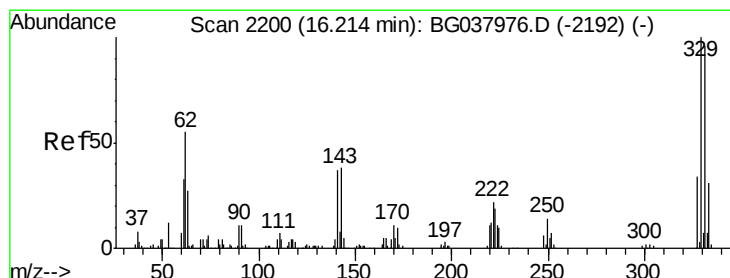
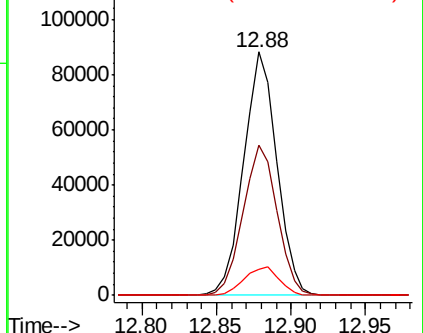
272 10.9 0.0 31.6



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: 80.402 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

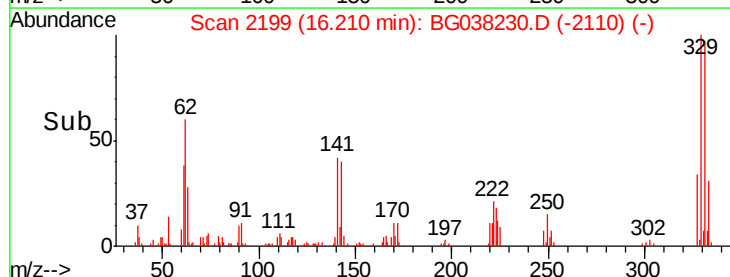
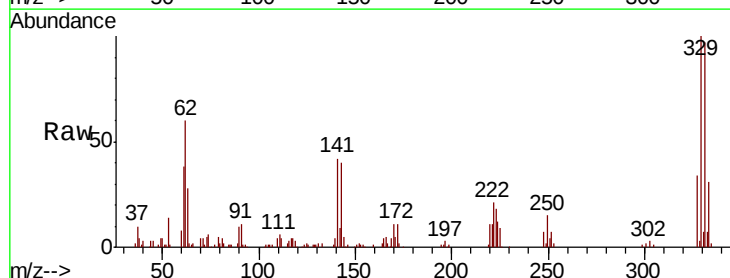
Tgt Ion:330 Resp: 86899

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

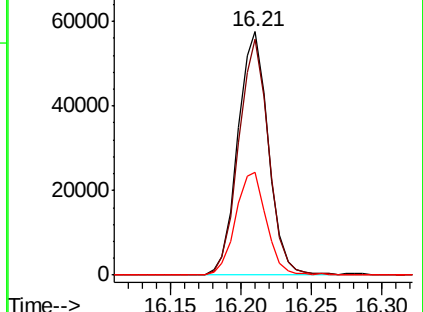
141 42.4 32.2 48.2

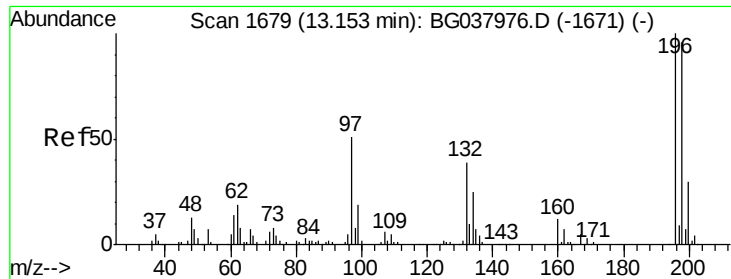


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

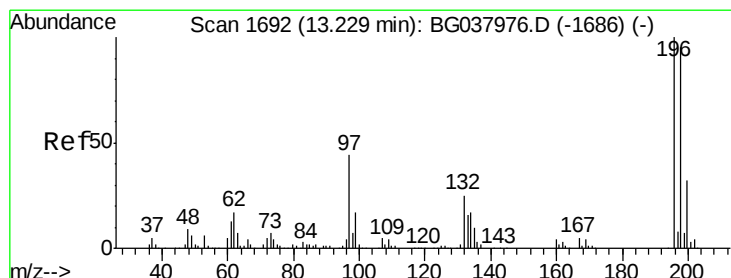
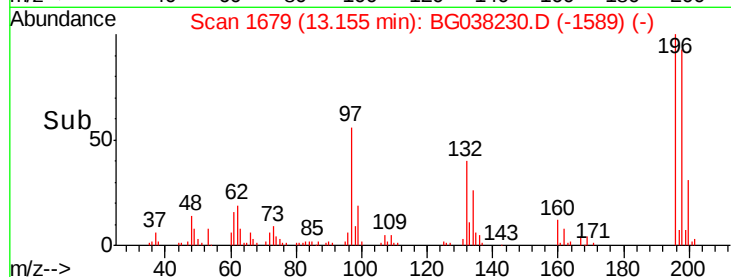
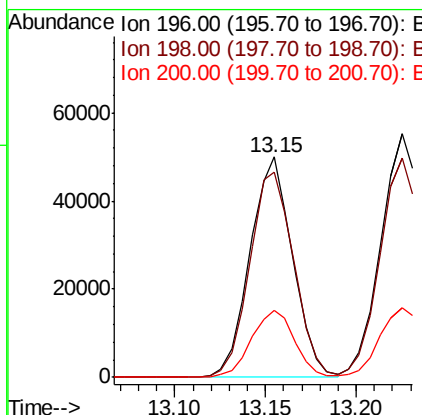
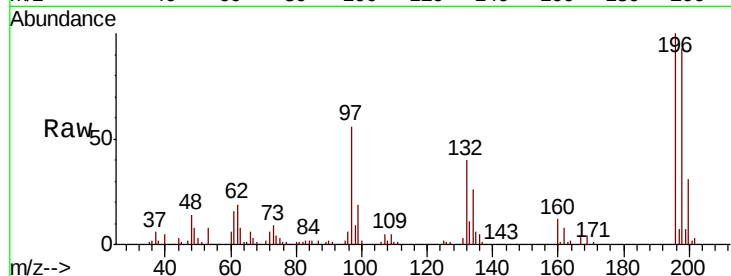




#43
 2,4,6-Trichlorophenol
 Concen: 37.756 ng
 RT: 13.15 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

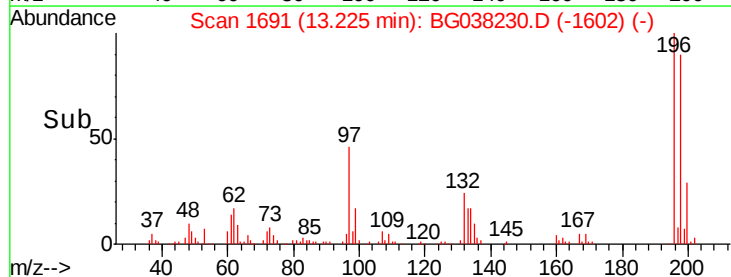
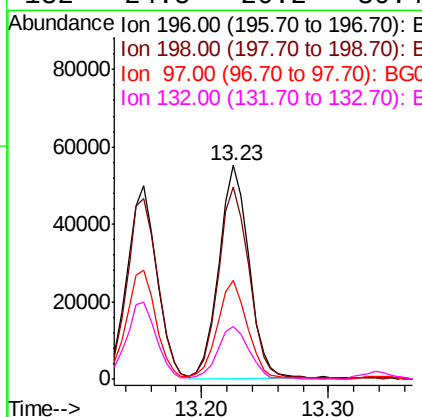
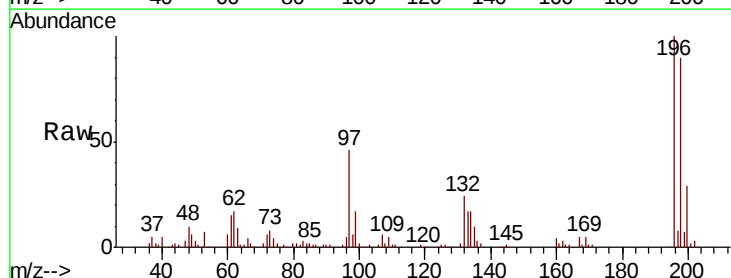
Instrument :
 BNA_G
 ClientSampled :

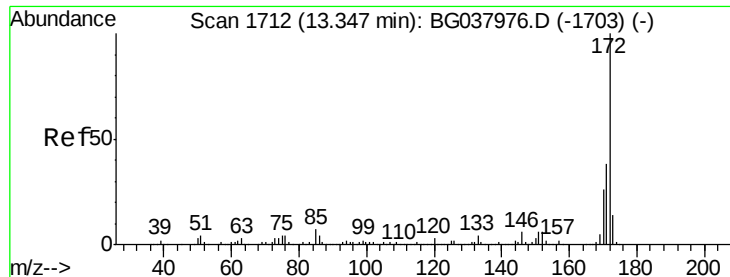
Tot Ion:196 Resp: 81473
 Ion Ratio Lower Upper
 196 100
 198 93.4 76.4 114.6
 200 30.6 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 39.912 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:196 Resp: 90621
 Ion Ratio Lower Upper
 196 100
 198 89.8 74.2 111.2
 97 46.0 34.1 51.1
 132 24.5 20.2 30.4

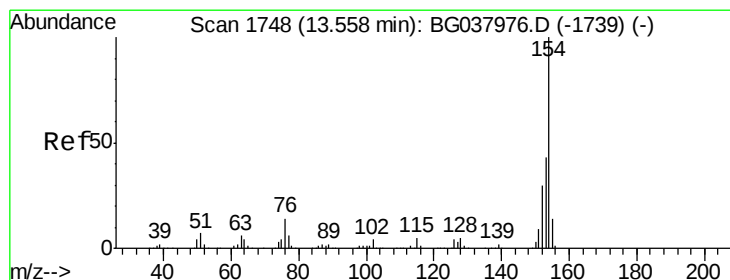
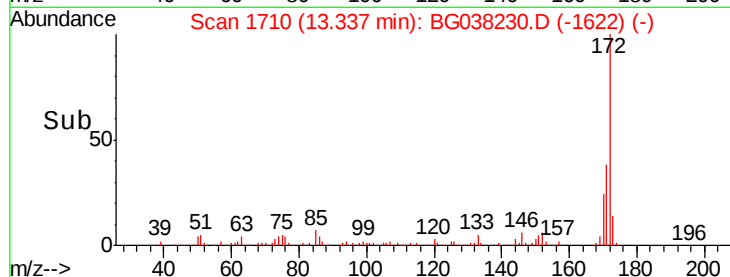
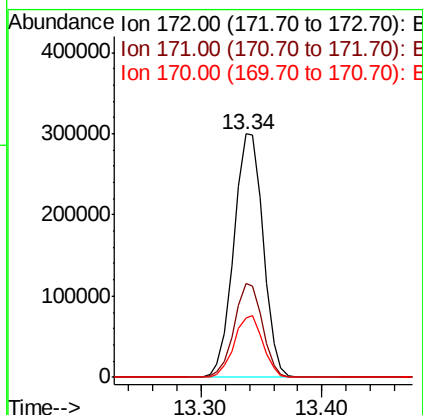
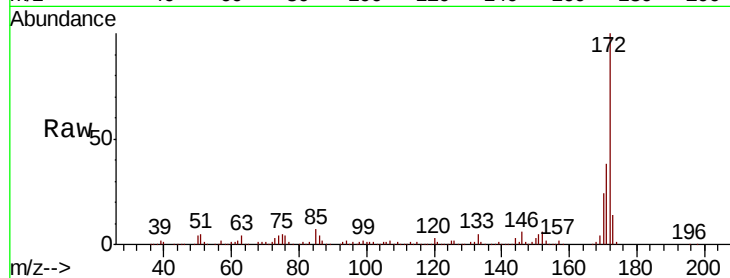




#45
2-Fluorobiphenyl
Concen: 78.139 ng
RT: 13.34 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

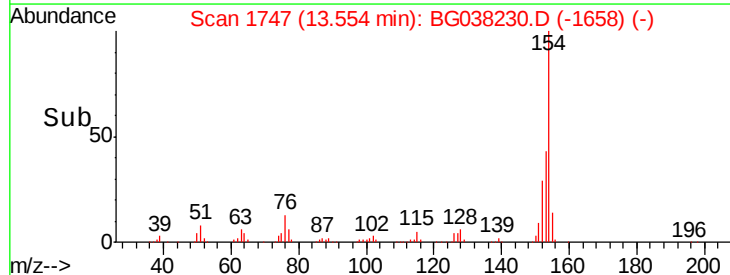
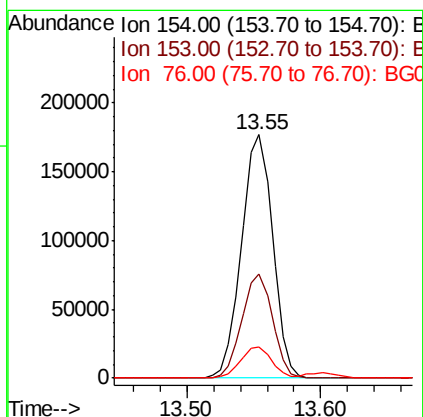
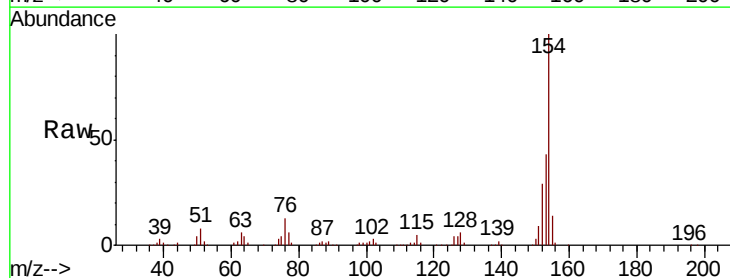
Instrument :
BNA_G
ClientSampleId :

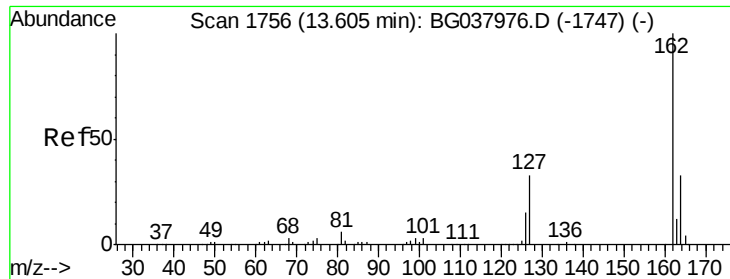
Tot Ion:172 Resp: 508292
Ion Ratio Lower Upper
172 100
171 38.3 31.0 46.4
170 24.3 20.2 30.2



#46
1,1'-Biphenyl
Concen: 35.750 ng
RT: 13.55 min Scan# 1747
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:154 Resp: 284622
Ion Ratio Lower Upper
154 100
153 42.7 22.1 62.1
76 12.7 0.0 33.2

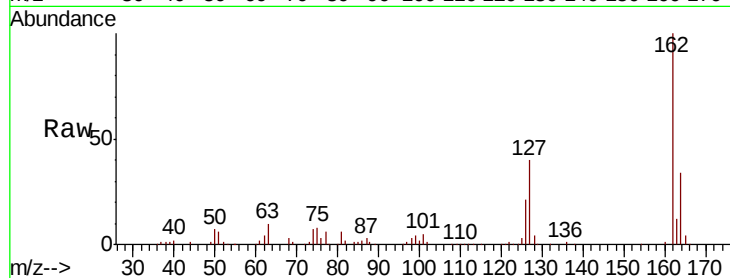




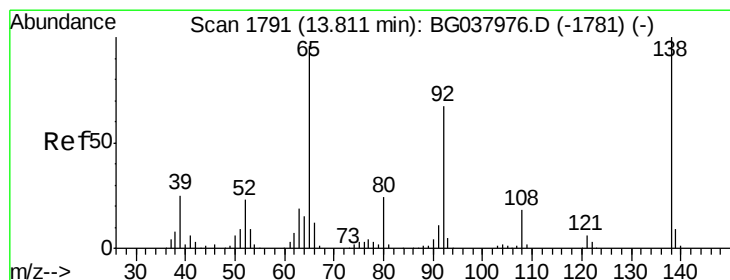
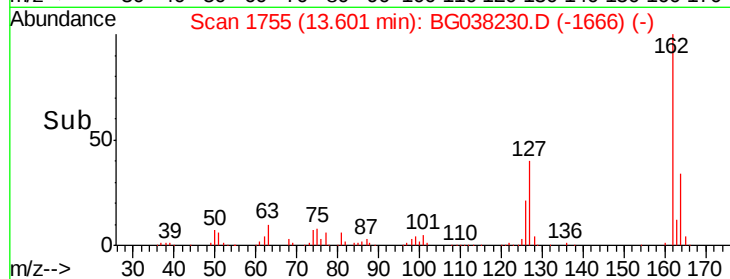
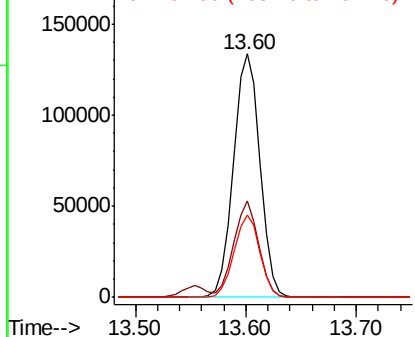
#47
 2-Chloronaphthalene
 Concen: 36.919 ng
 RT: 13.60 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 224293
 Ion Ratio Lower Upper
 162 100
 127 39.8 30.5 45.7
 164 33.9 26.4 39.6

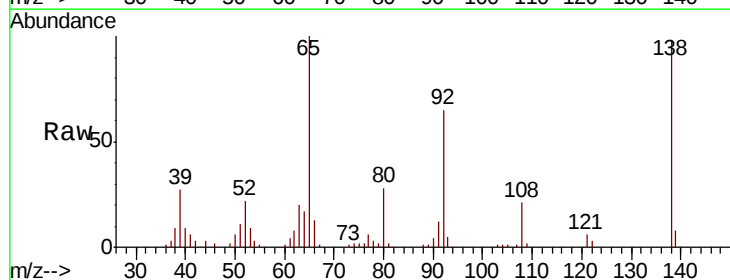


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

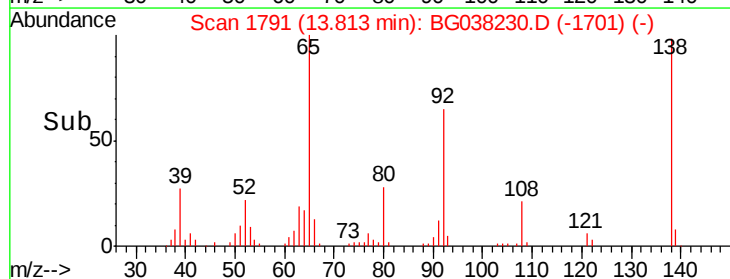
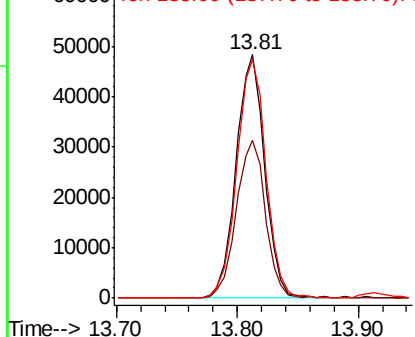


#48
 2-Nitroaniline
 Concen: 41.682 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion: 65 Resp: 79700
 Ion Ratio Lower Upper
 65 100
 92 64.9 53.2 79.8
 138 97.9 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: 41.247 ng

RT: 14.45 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

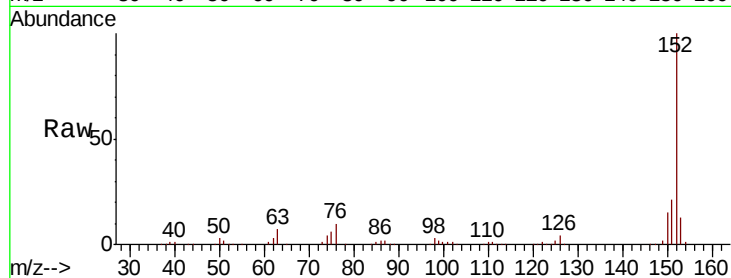
Tot Ion:152 Resp: 376834

Ion Ratio Lower Upper

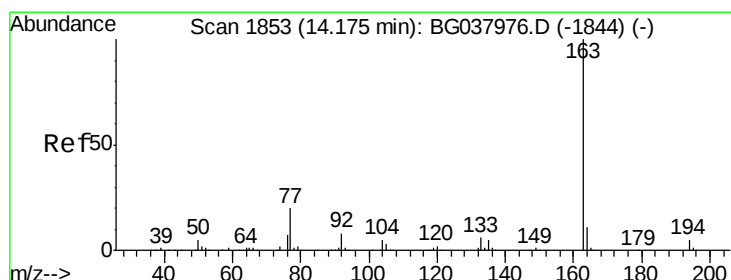
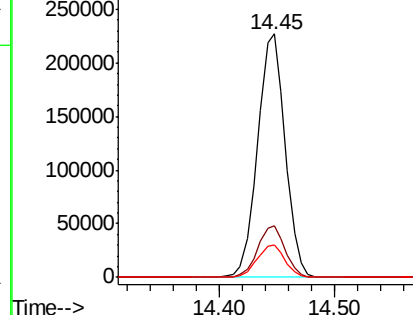
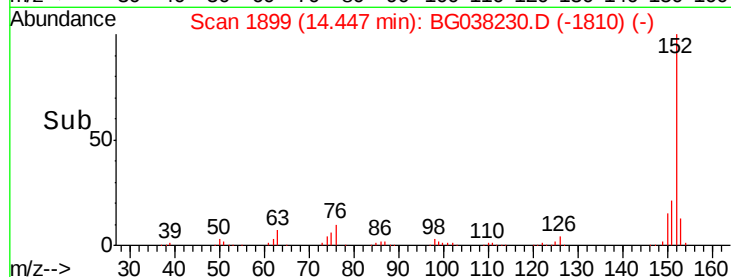
152 100

151 21.4 17.1 25.7

153 13.3 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: 38.514 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

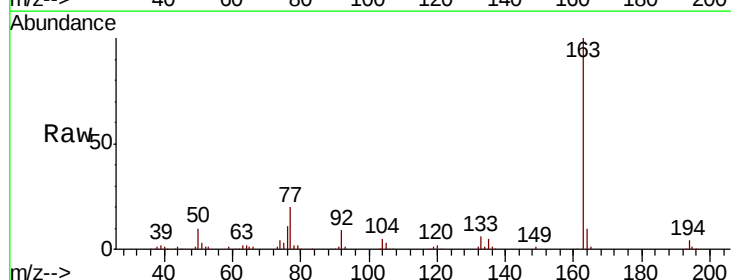
Tgt Ion:163 Resp: 289352

Ion Ratio Lower Upper

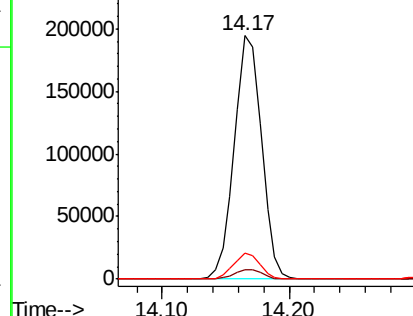
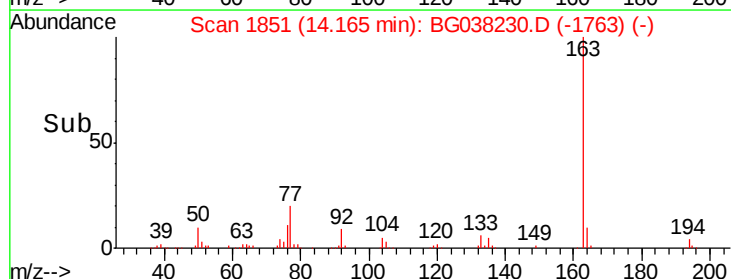
163 100

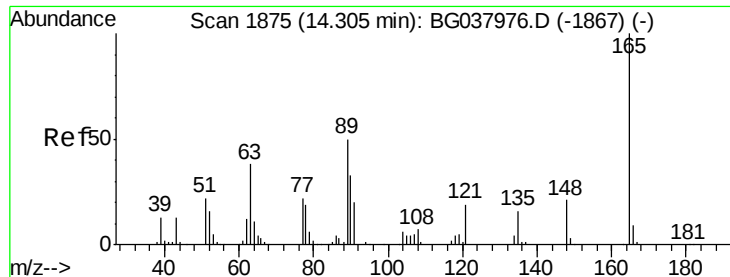
194 4.1 3.5 5.3

164 10.4 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

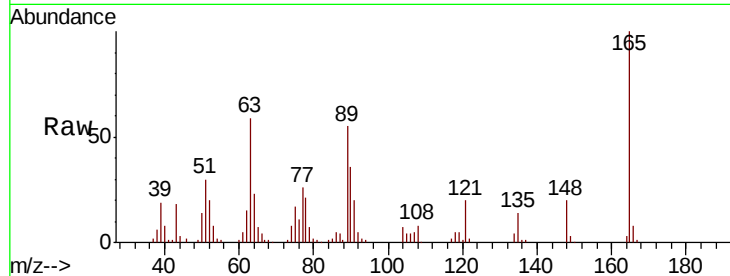




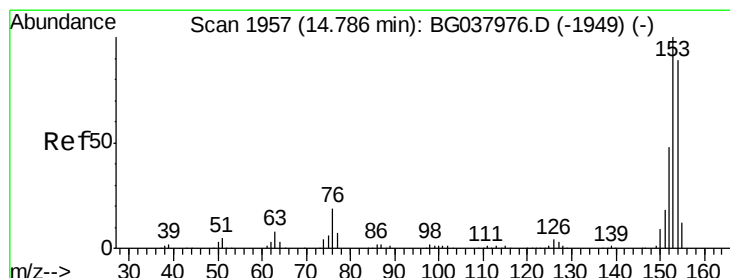
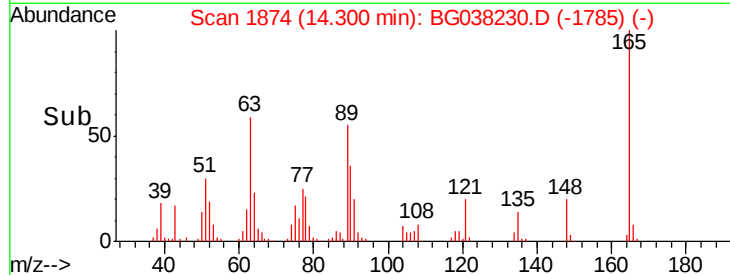
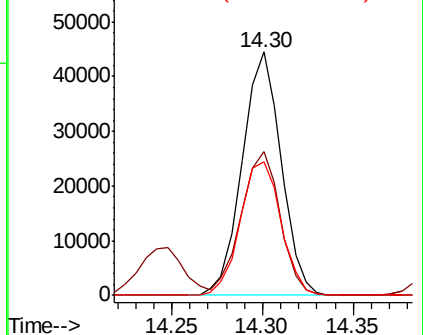
#51
 2,6-Dinitrotoluene
 Concen: 39.162 ng
 RT: 14.30 min Scan# 1874
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.1	43.4	65.2
89	54.7	45.8	68.6

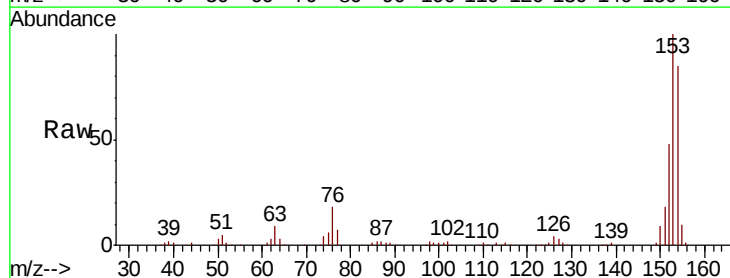


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

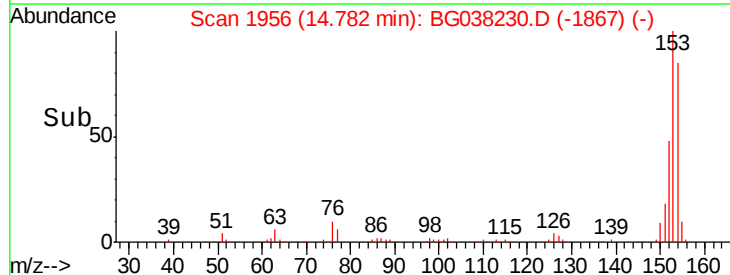
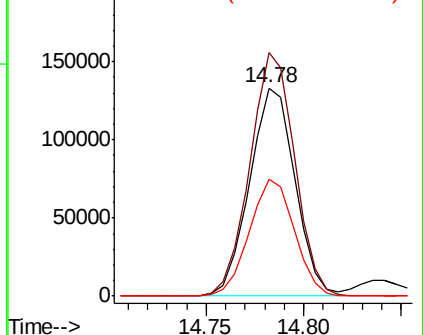


#52
 Acenaphthene
 Concen: 39.022 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.1	93.4	140.0
152	56.5	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

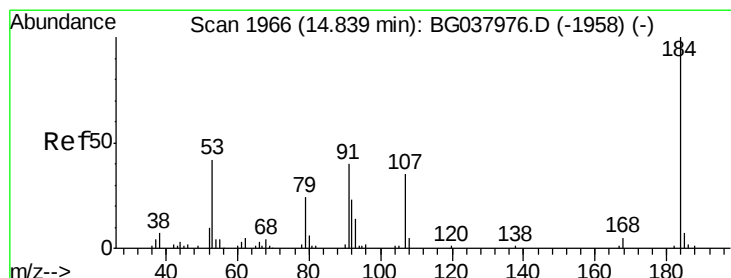
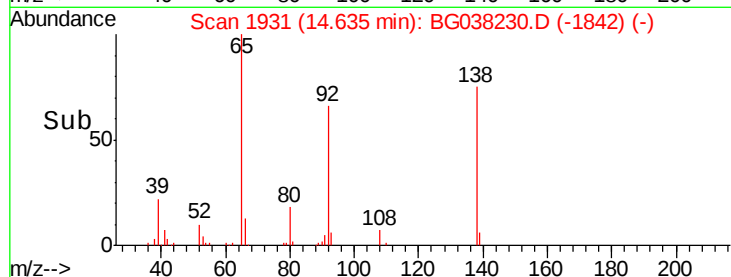
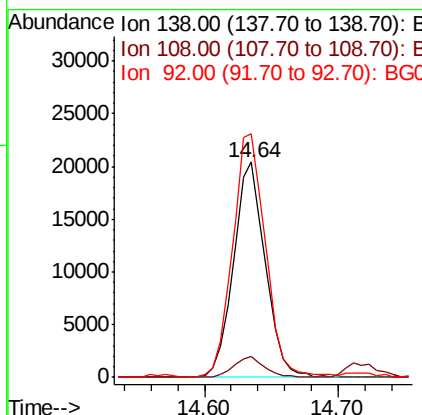
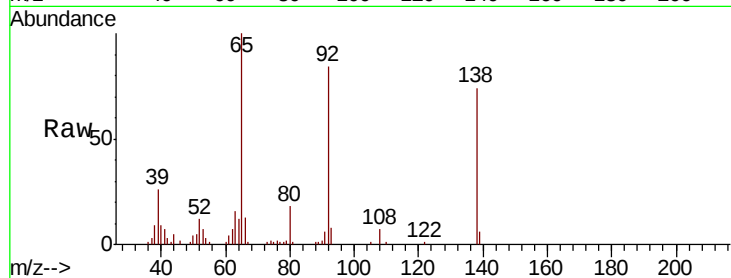




#53
3-Nitroaniline
Concen: 17.913 ng
RT: 14.64 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

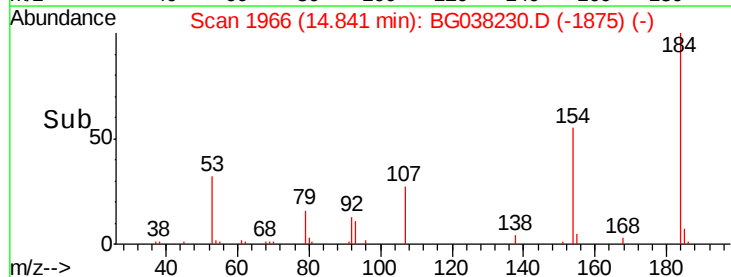
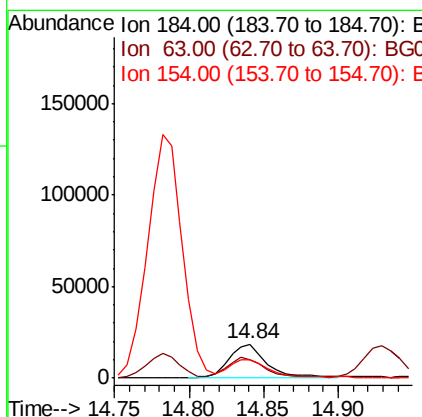
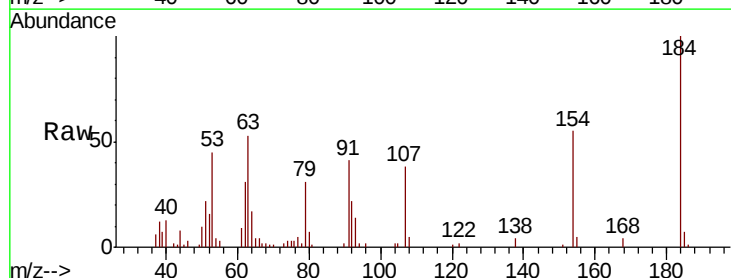
Instrument :
BNA_G
ClientSampleId :

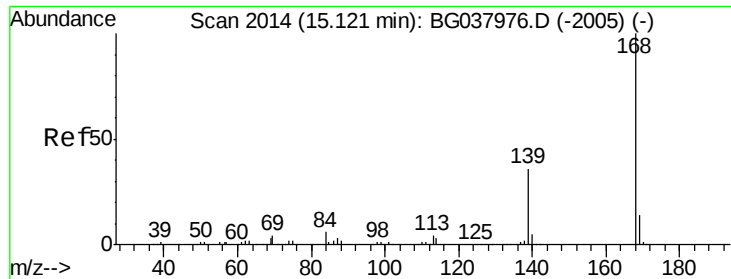
Tot Ion:138 Resp: 33611
Ion Ratio Lower Upper
138 100
108 9.9 11.0 16.6#
92 113.3 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 41.200 ng
RT: 14.84 min Scan# 1966
Delta R.T. 0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:184 Resp: 33135
Ion Ratio Lower Upper
184 100
63 53.5 42.6 63.8
154 54.6 41.8 62.6

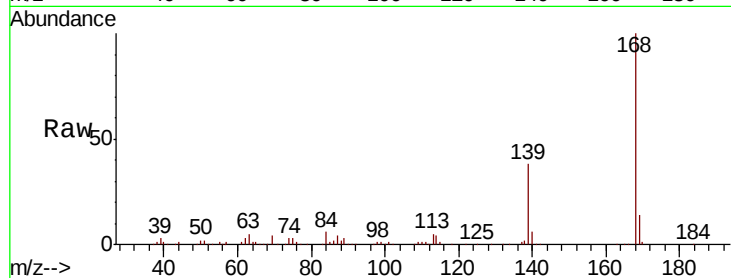




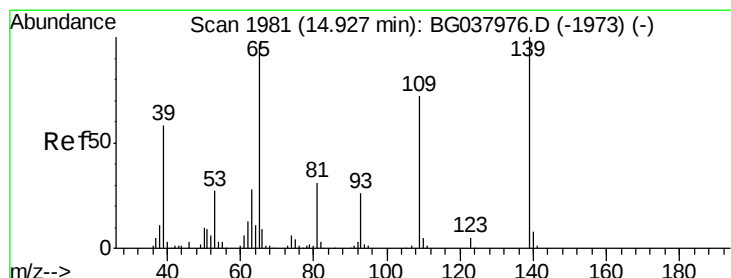
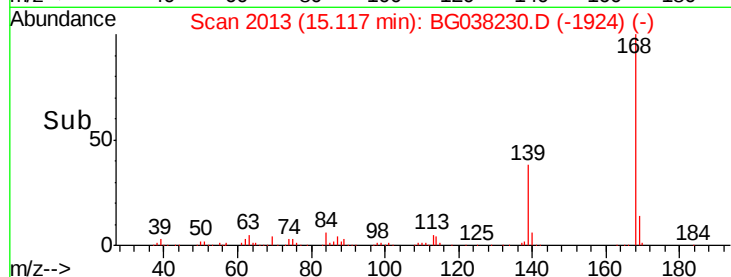
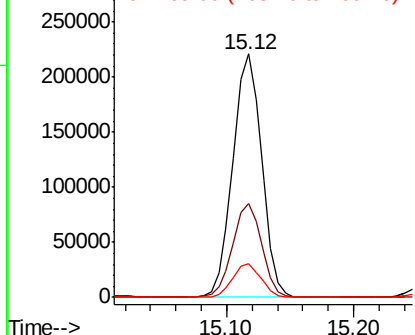
#55
Dibenzofuran
Concen: 38.109 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 346586
Ion Ratio Lower Upper
168 100
139 38.4 29.4 44.0
169 13.7 11.0 16.6

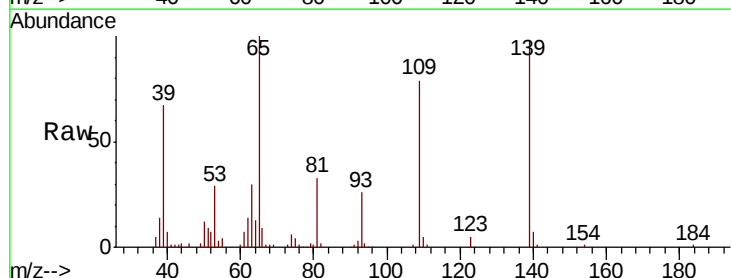


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

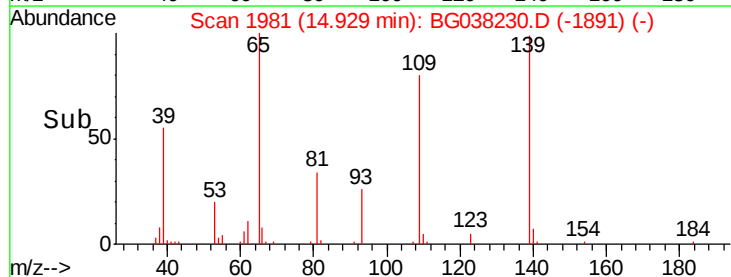
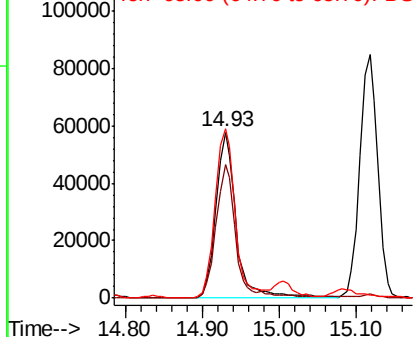


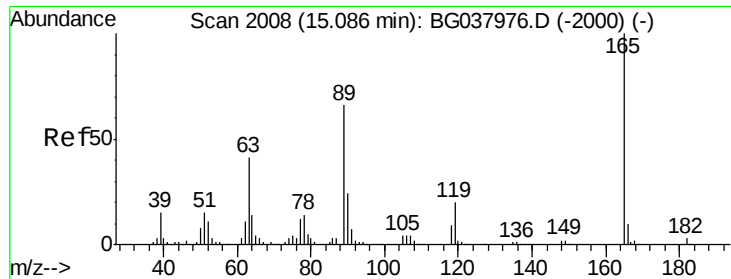
#56
4-Nitrophenol
Concen: 72.534 ng
RT: 14.93 min Scan# 1981
Delta R.T. 0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:139 Resp: 104965
Ion Ratio Lower Upper
139 100
109 80.5 49.5 89.5
65 101.9 76.8 116.8



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

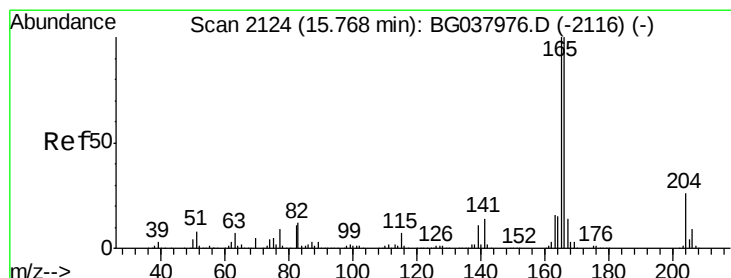
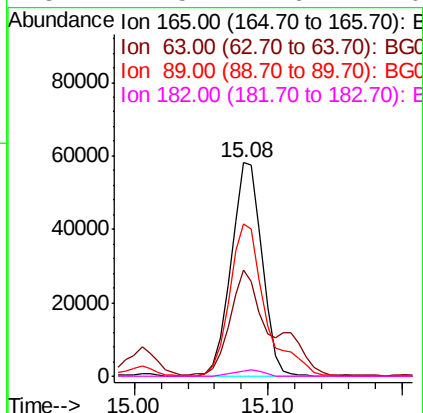
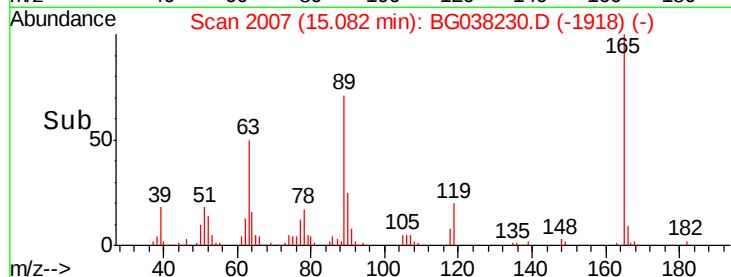
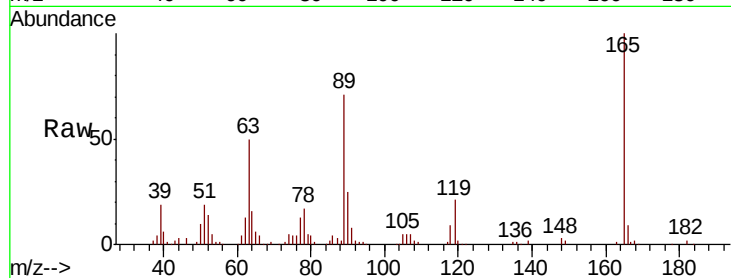




#57
2,4-Dinitrotoluene
Concen: 40.334 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

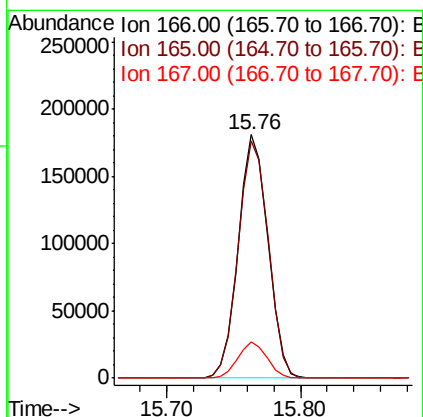
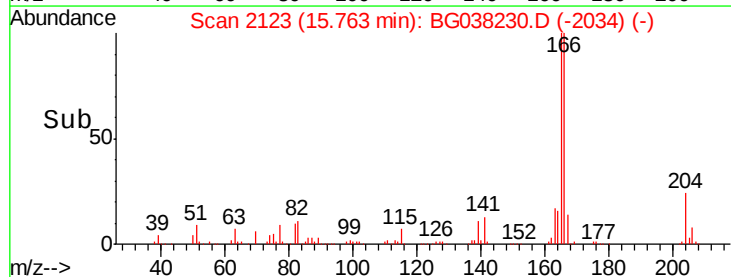
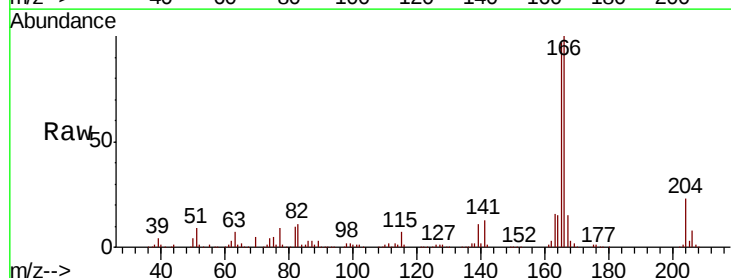
Instrument :
BNA_G
ClientSampleId :

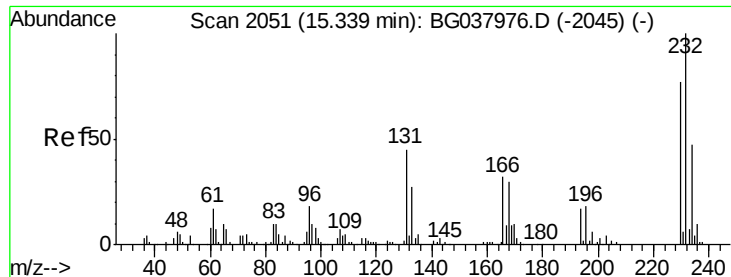
Tot Ion:165 Resp: 93314
Ion Ratio Lower Upper
165 100
63 50.0 33.4 50.0
89 71.4 57.2 85.8
182 2.5 2.6 4.0#



#58
Fluorene
Concen: 40.940 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:166 Resp: 277805
Ion Ratio Lower Upper
166 100
165 97.4 79.0 118.6
167 14.7 11.3 16.9

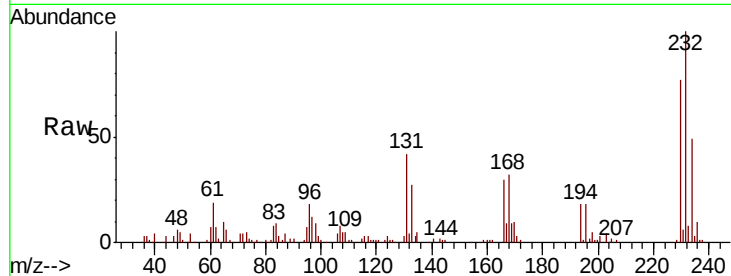




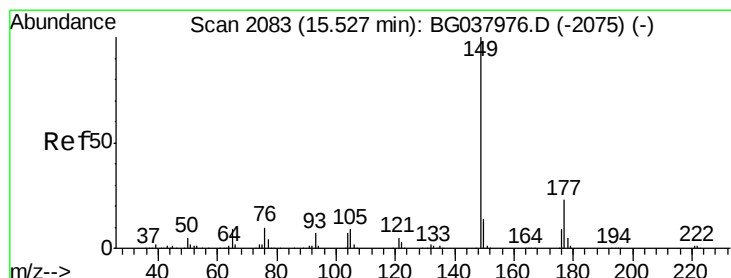
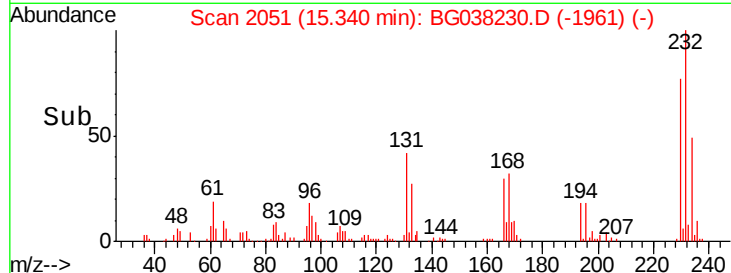
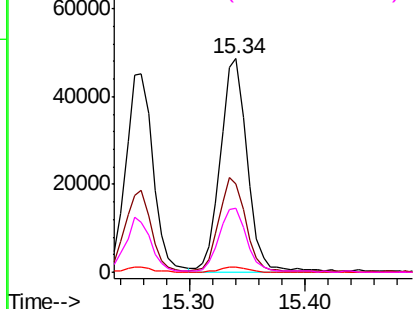
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.756 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. 0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232 Resp: 79332
 Ion Ratio Lower Upper
 232 100
 131 42.9 33.7 50.5
 130 2.6 2.1 3.1
 166 30.8 24.6 36.8

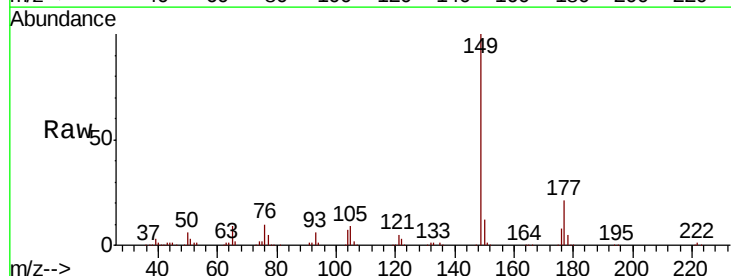


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

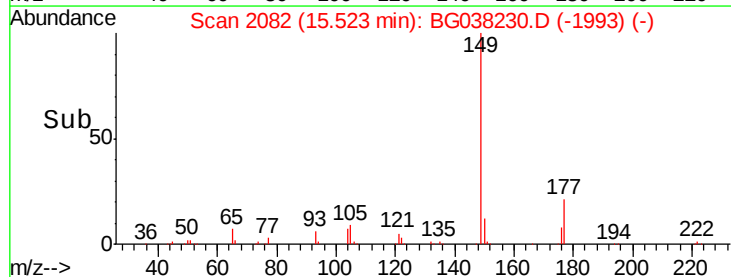
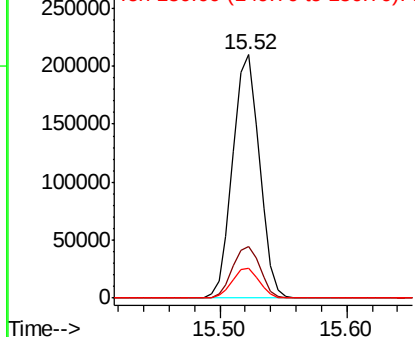


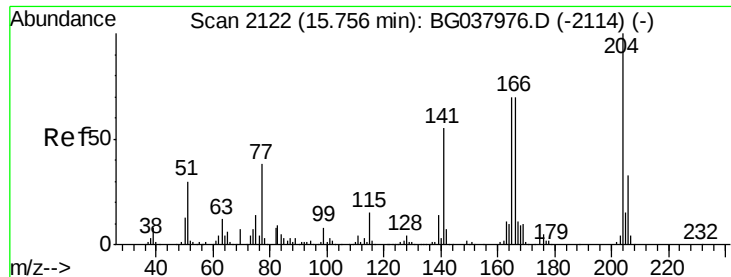
#60
 Diethylphthalate
 Concen: 38.355 ng
 RT: 15.52 min Scan# 2082
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:149 Resp: 306067
 Ion Ratio Lower Upper
 149 100
 177 21.3 18.3 27.5
 150 12.1 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

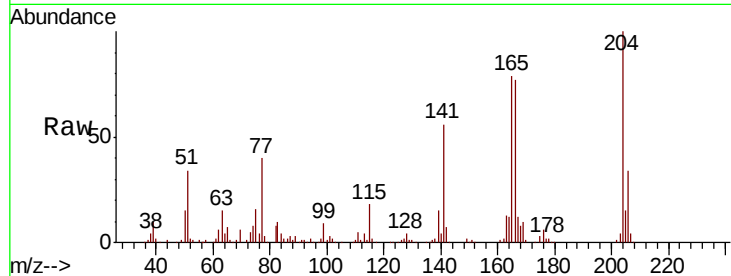




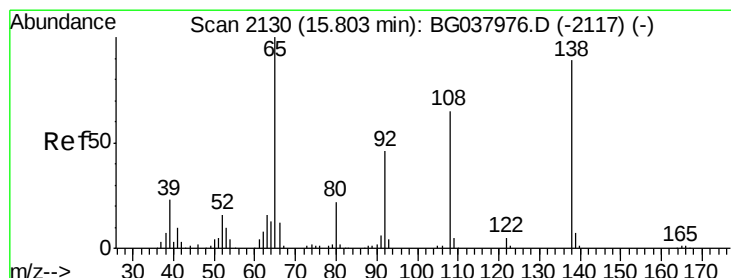
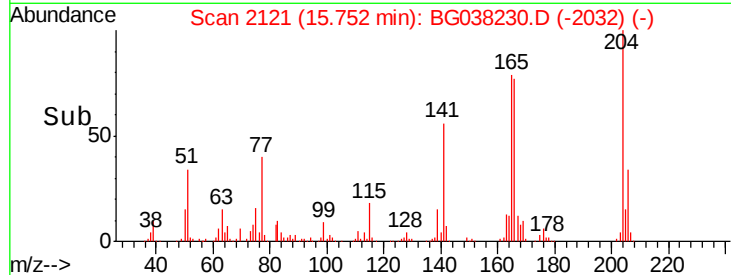
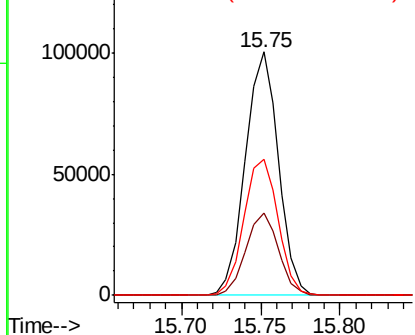
#61
 4-Chlorophenyl-phenylether
 Concen: 36.710 ng
 RT: 15.75 min Scan# 2121
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:204 Resp: 145758
 Ion Ratio Lower Upper
 204 100
 206 33.8 26.6 39.8
 141 56.1 45.4 68.2

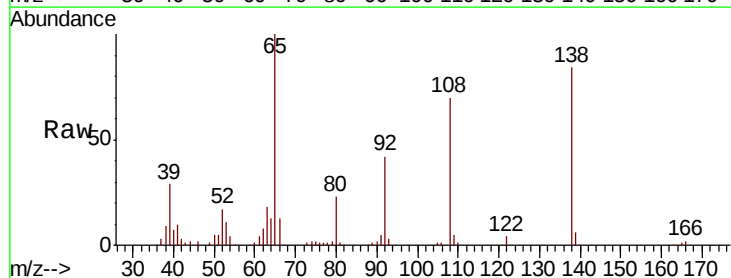


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

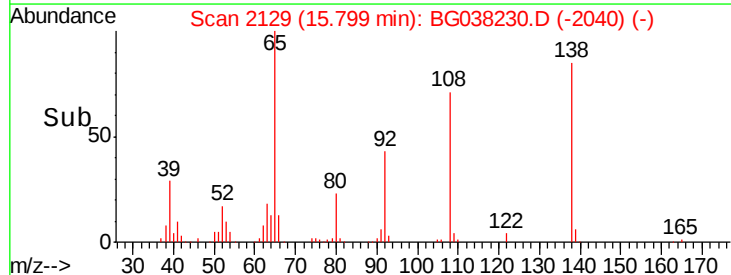
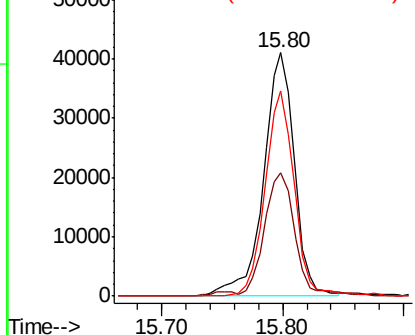


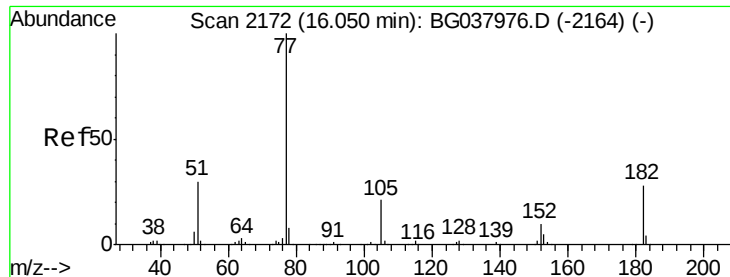
#62
 4-Nitroaniline
 Concen: 38.665 ng
 RT: 15.80 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:138 Resp: 72069
 Ion Ratio Lower Upper
 138 100
 92 50.7 36.4 76.4
 108 84.1 60.1 100.1



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





#63

Azobenzene

Concen: 40.416 ng

RT: 16.05 min Scan# 2171

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 288364

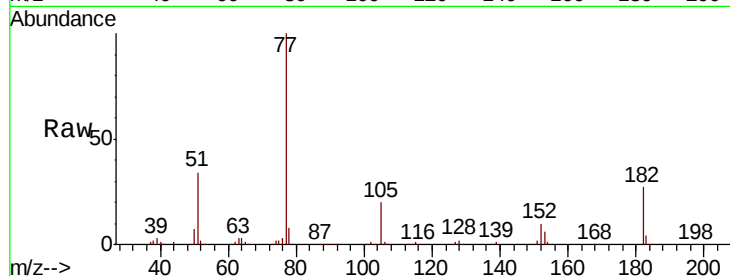
Ion Ratio Lower Upper

77 100

182 27.1 8.0 48.0

105 20.0 1.3 41.3

51 33.5 10.7 50.7

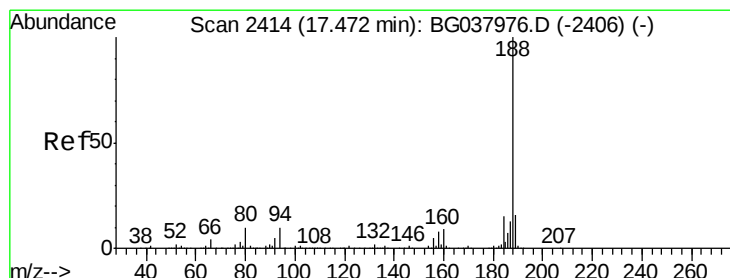
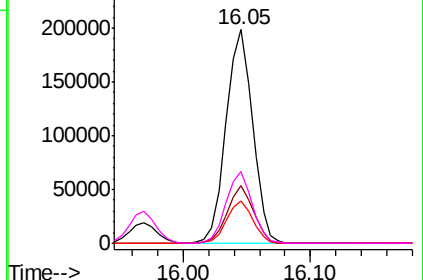
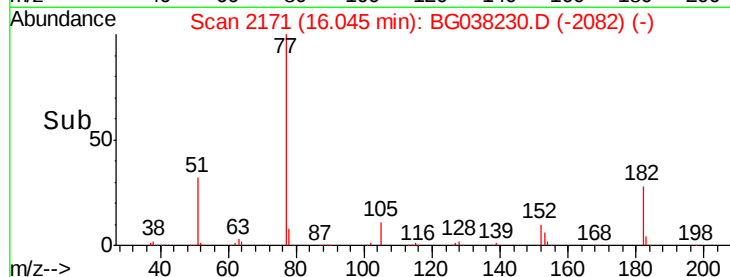


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2413

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

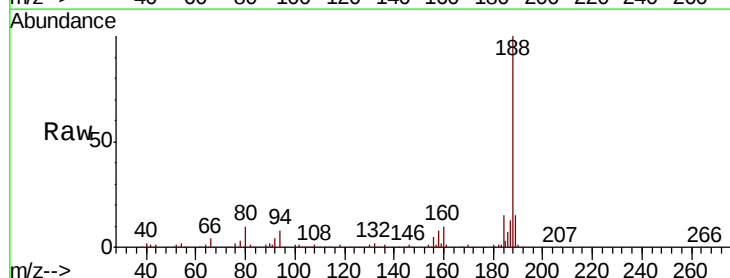
Tgt Ion: 188 Resp: 222913

Ion Ratio Lower Upper

188 100

94 8.0 7.2 10.8

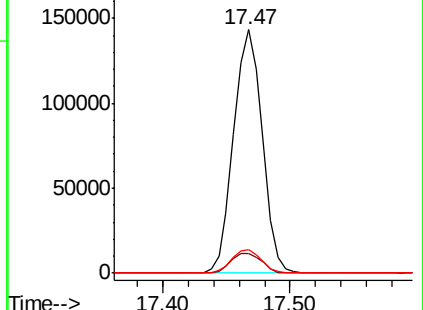
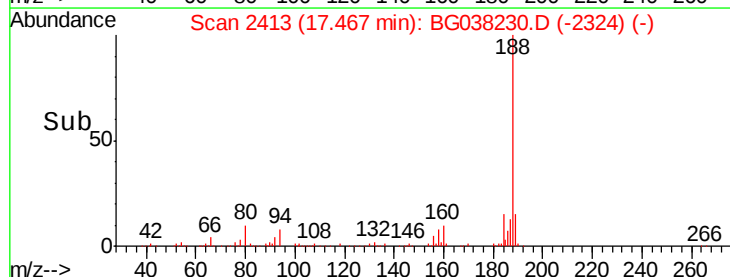
80 9.9 7.7 11.5

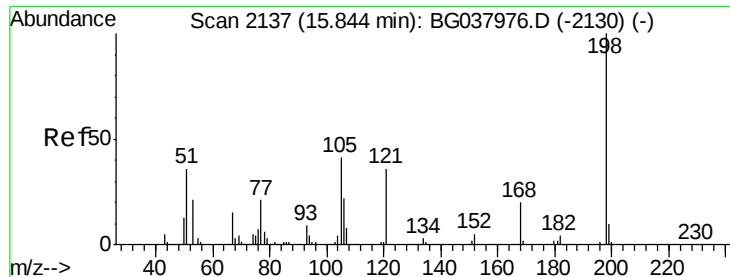


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

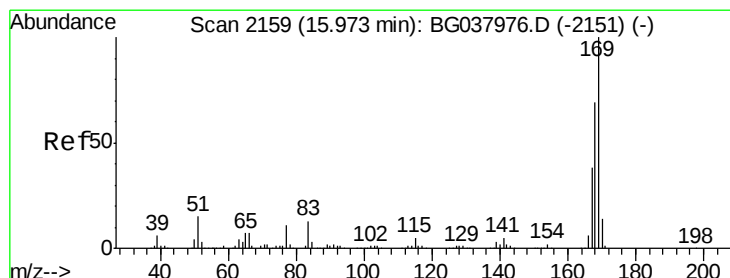
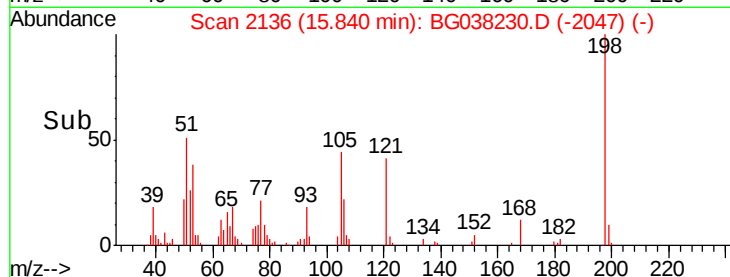
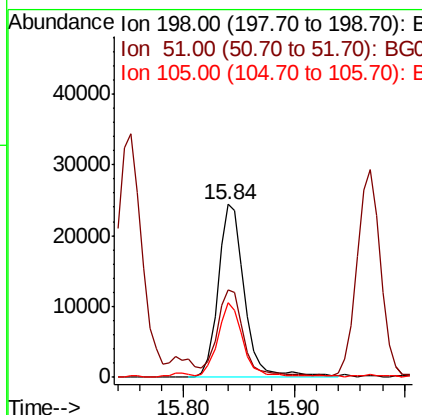
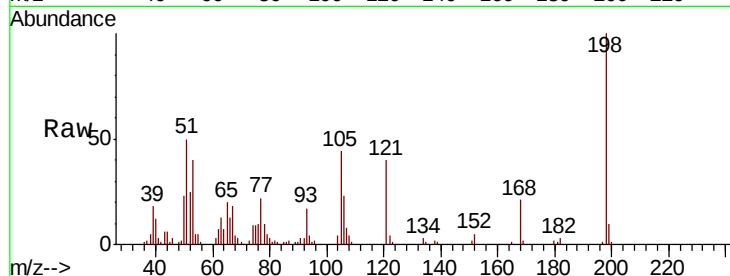




#65
 4,6-Dinitro-2-methylphenol
 Concen: 28.731 ng
 RT: 15.84 min Scan# 2136
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

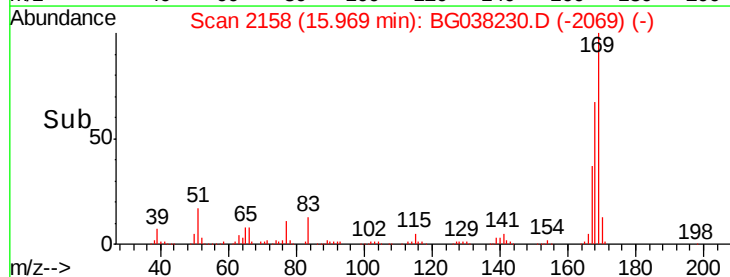
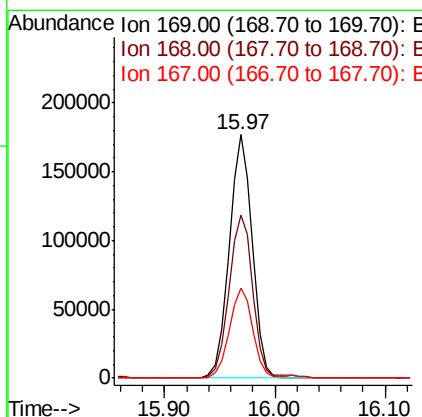
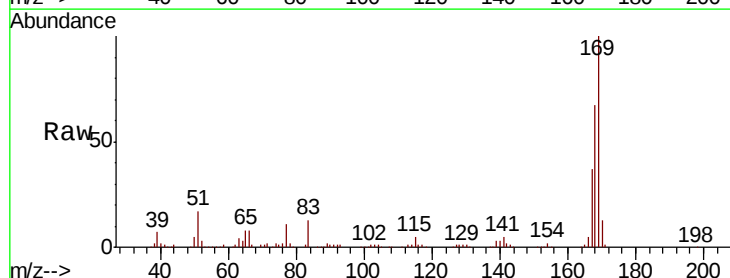
Instrument :
 BNA_G
 ClientSampled :

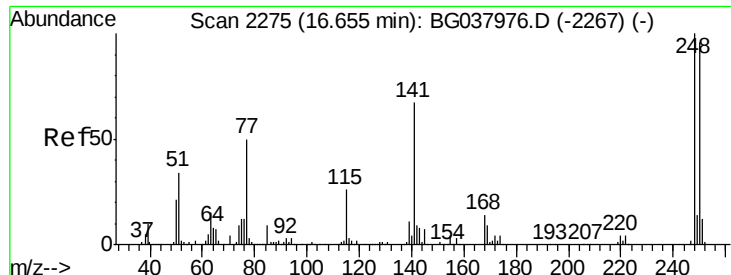
Tot Ion:198 Resp: 40508
 Ion Ratio Lower Upper
 198 100
 51 50.4 22.7 62.7
 105 43.5 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 38.232 ng
 RT: 15.97 min Scan# 2158
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:169 Resp: 257824
 Ion Ratio Lower Upper
 169 100
 168 66.8 55.7 83.5
 167 36.8 31.3 46.9

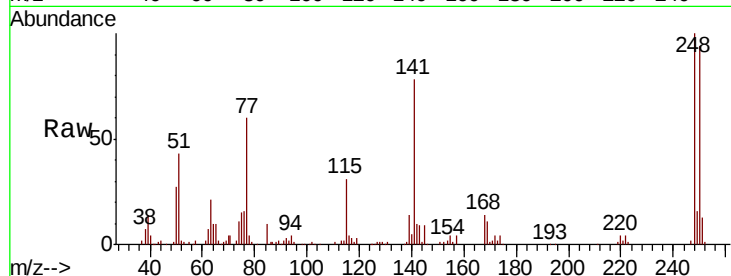




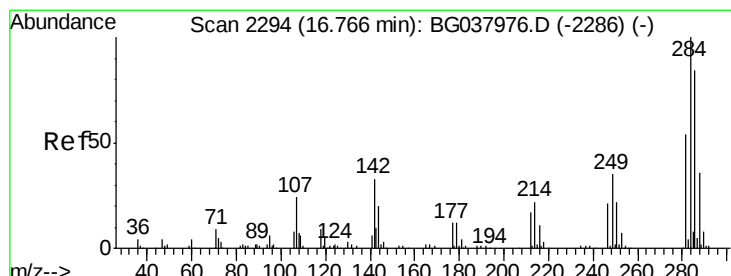
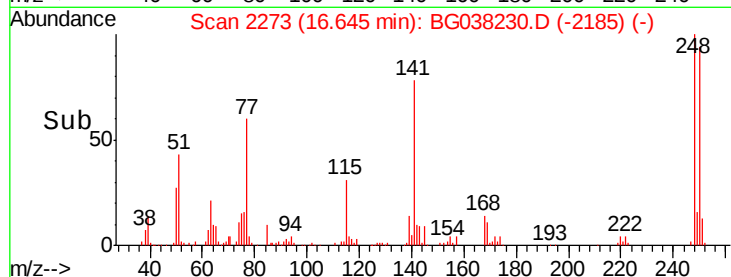
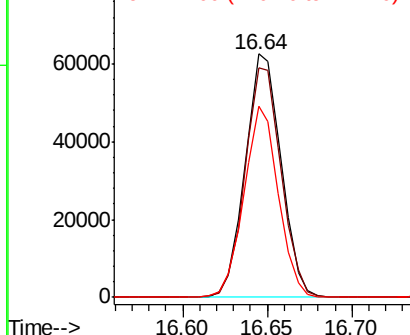
#67
 4-Bromophenyl-phenylether
 Concen: 37.746 ng
 RT: 16.64 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 92351
 Ion Ratio Lower Upper
 248 100
 250 94.3 77.0 115.6
 141 78.3 55.5 83.3

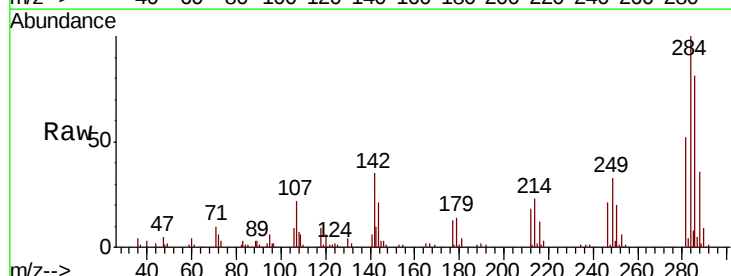


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

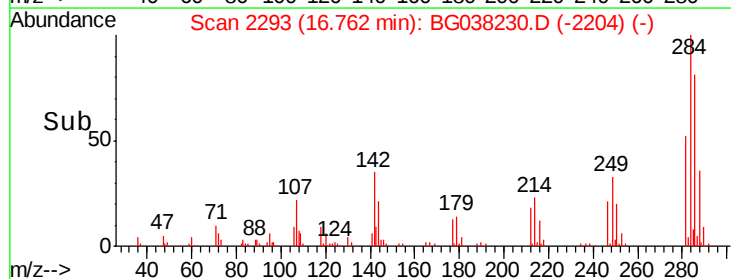
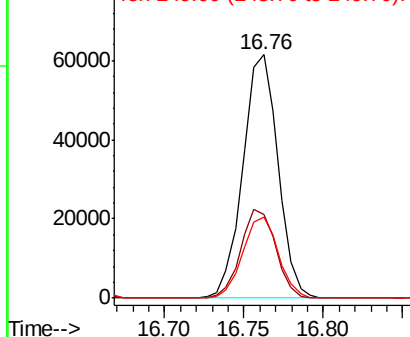


#68
 Hexachlorobenzene
 Concen: 37.408 ng
 RT: 16.76 min Scan# 2293
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:284 Resp: 94473
 Ion Ratio Lower Upper
 284 100
 142 34.5 28.1 42.1
 249 35.9 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

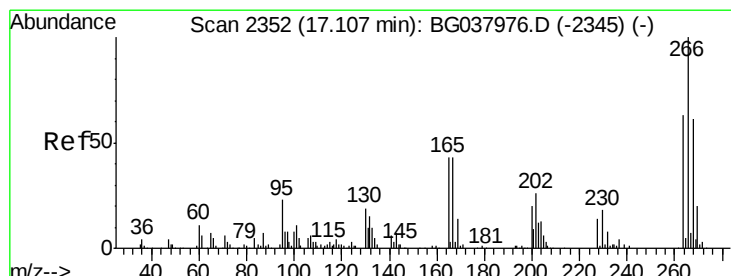
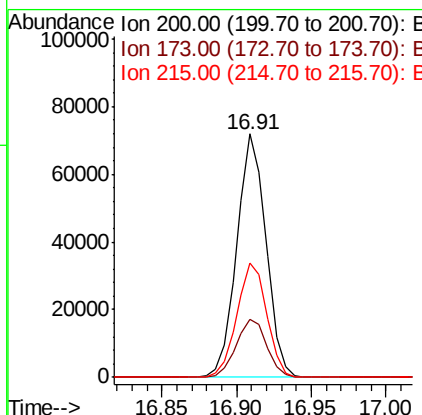
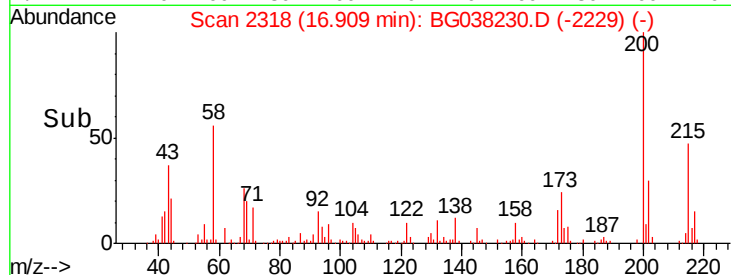
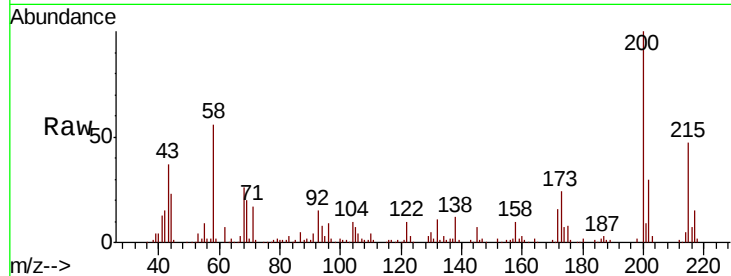




#69
 Atrazine
 Concen: 39.236 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

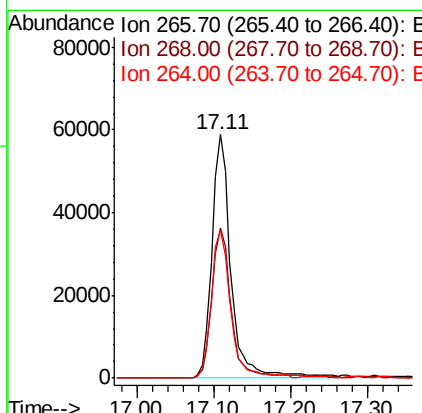
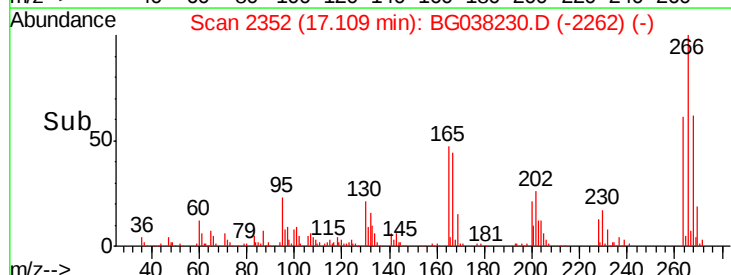
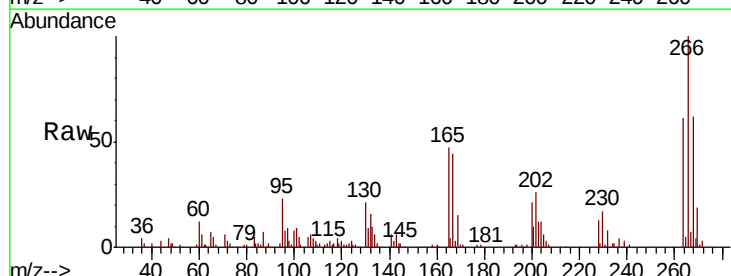
Instrument :
 BNA_G
 ClientSampled :

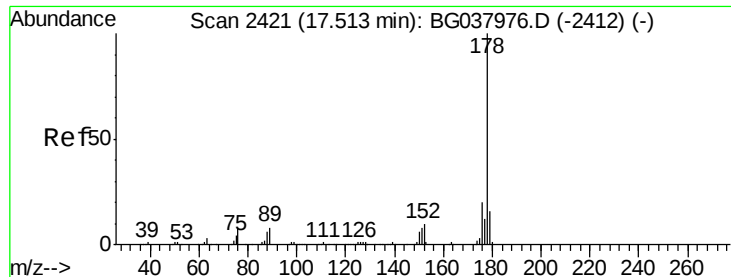
Tot Ion:200 Resp: 97539
 Ion Ratio Lower Upper
 200 100
 173 23.8 6.1 46.1
 215 46.8 30.8 70.8



#70
 Pentachlorophenol
 Concen: 58.384 ng
 RT: 17.11 min Scan# 2352
 Delta R.T. 0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:266 Resp: 100140
 Ion Ratio Lower Upper
 266 100
 268 65.8 55.0 82.6
 264 65.6 58.9 88.3





#71

Phenanthrene

Concen: 41.025 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

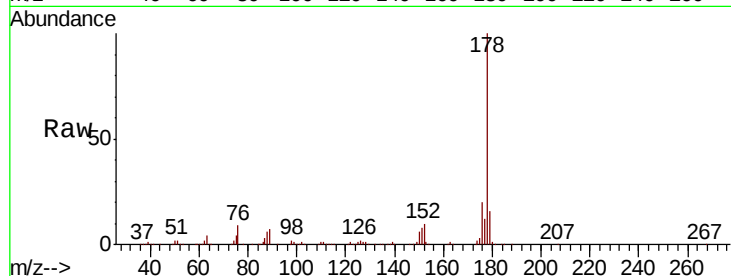
Tot Ion:178 Resp: 468214

Ion Ratio Lower Upper

178 100

176 19.7 16.1 24.1

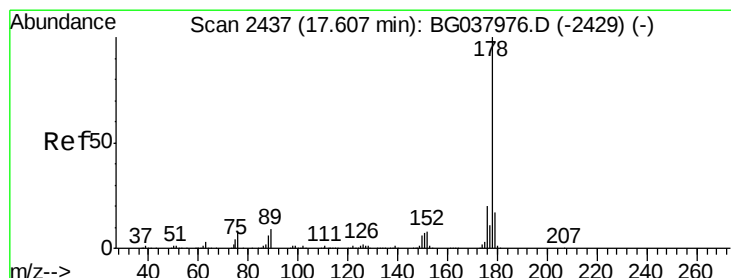
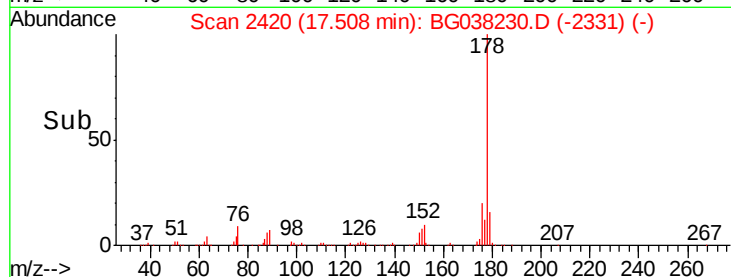
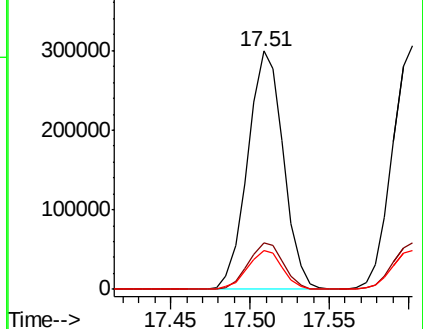
179 16.1 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.224 ng

RT: 17.60 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

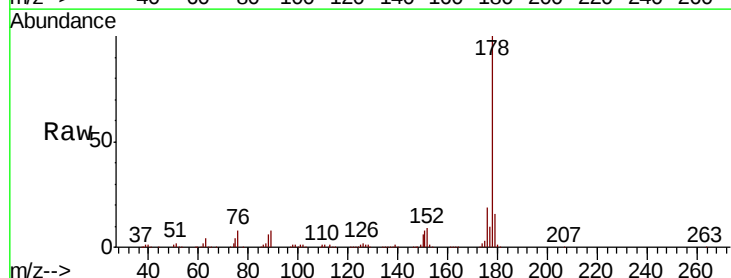
Tgt Ion:178 Resp: 475018

Ion Ratio Lower Upper

178 100

176 19.3 15.0 22.4

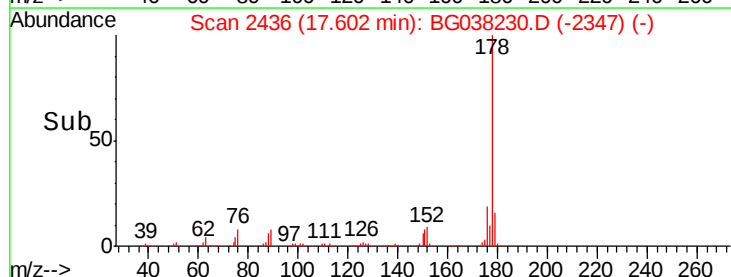
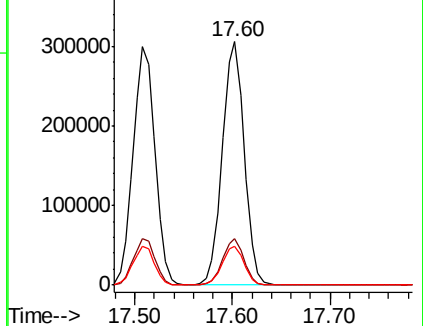
179 16.0 12.8 19.2

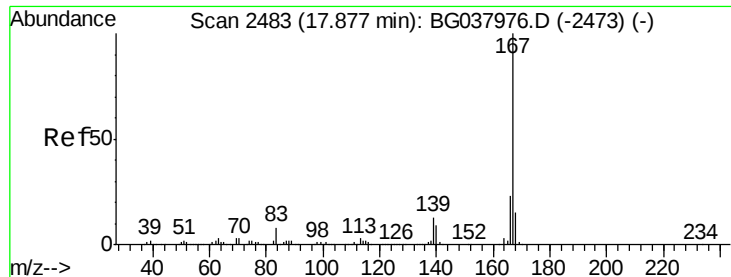


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

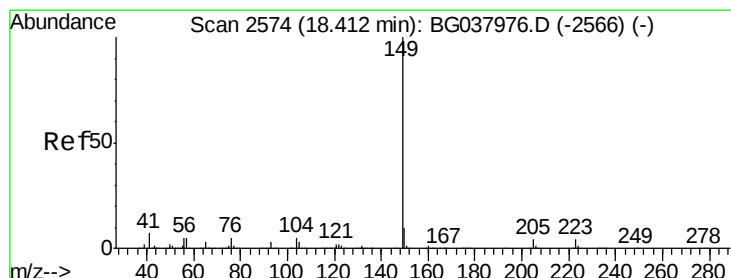
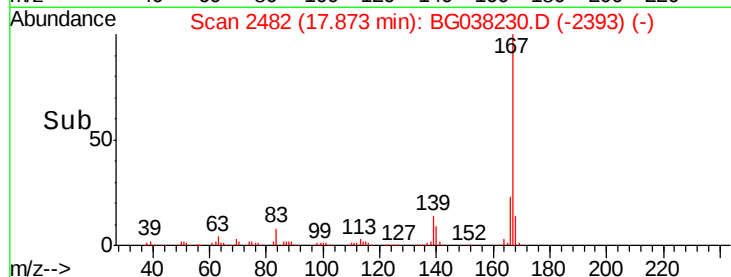
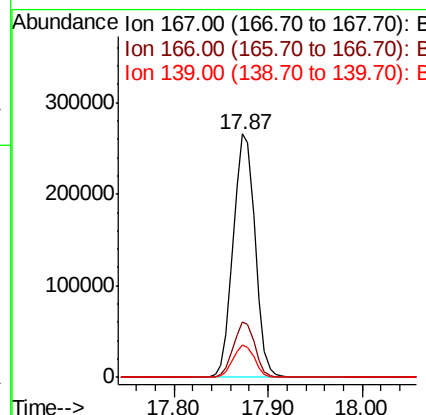
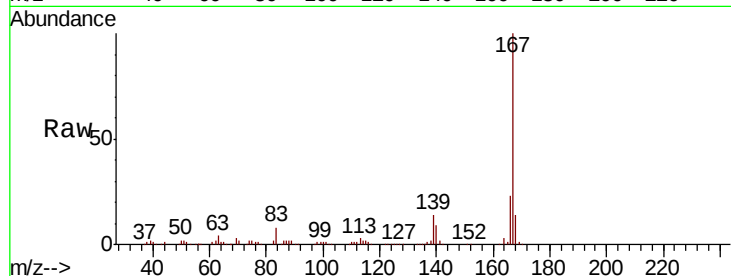




#73
 Carbazole
 Concen: 38.178 ng
 RT: 17.87 min Scan# 2482
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

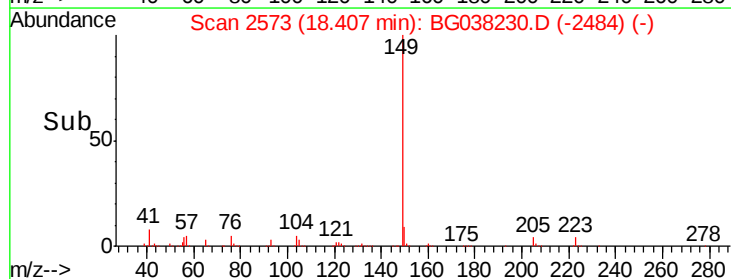
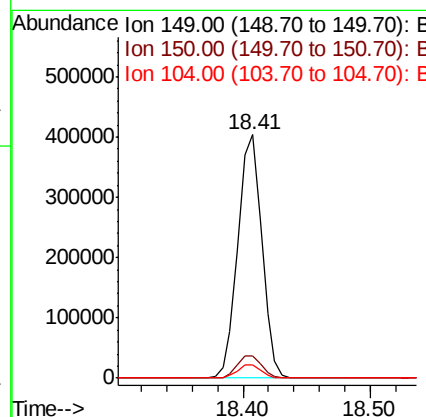
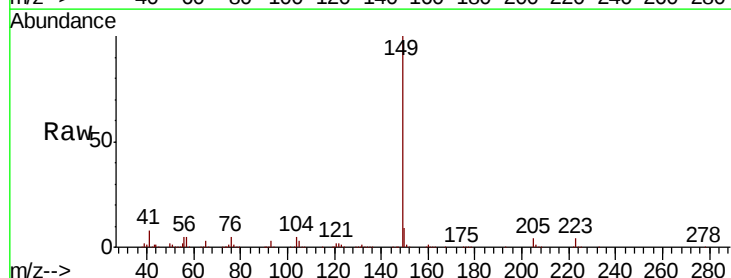
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	18.3	27.5
139	13.5	10.5	15.7



#74
 Di-n-butylphthalate
 Concen: 41.490 ng
 RT: 18.41 min Scan# 2573
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.2	12.2
104	5.3	4.0	6.0





#75

Fluoranthene

Concen: 42.528 ng

RT: 19.52 min Scan# 2762

Delta R.T. 0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

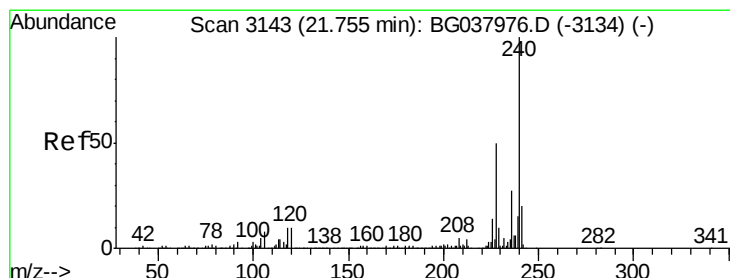
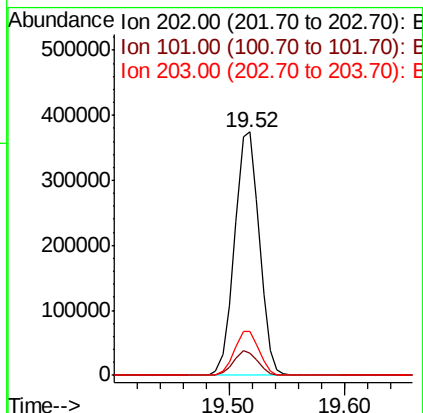
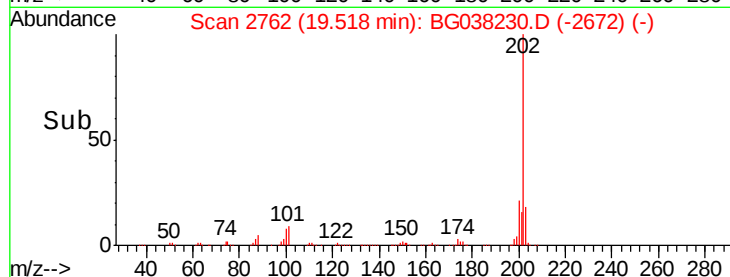
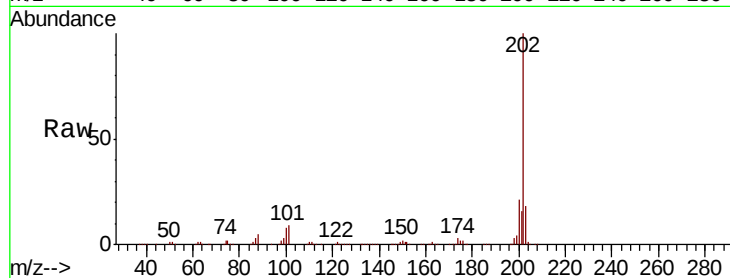
Tot Ion:202 Resp: 553768

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.7

203 18.1 0.0 38.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

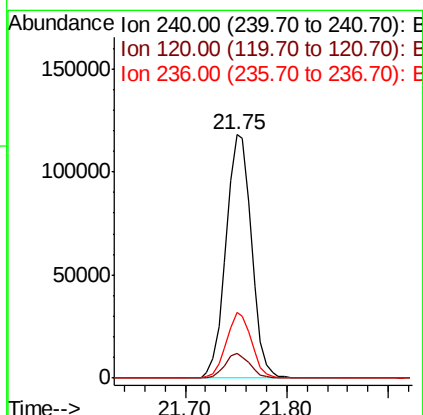
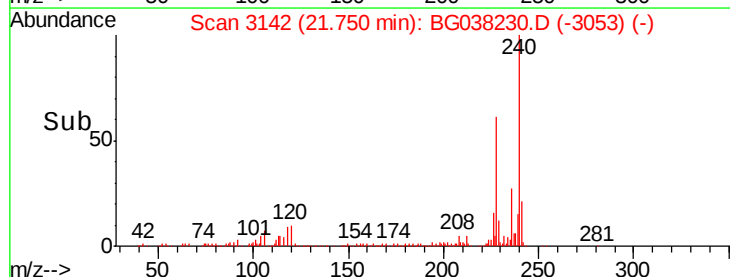
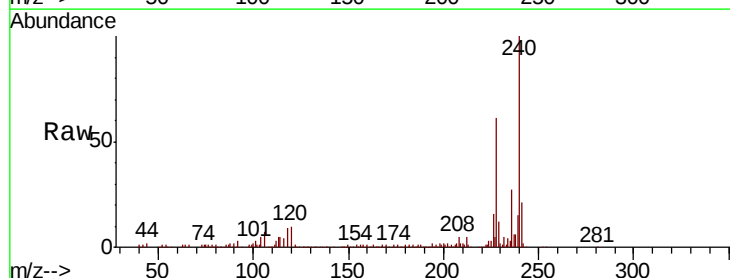
Tgt Ion:240 Resp: 206159

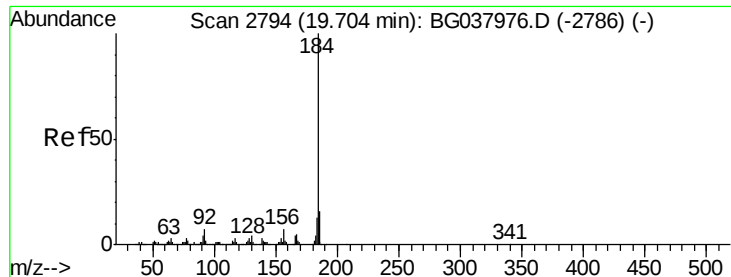
Ion Ratio Lower Upper

240 100

120 10.1 8.1 12.1

236 27.0 21.4 32.0





#77

Benzidine

Concen: 18.293 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

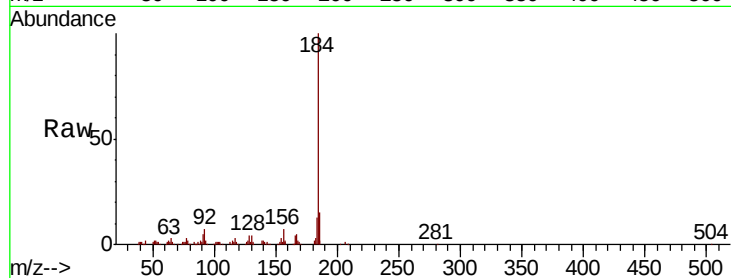
Tot Ion:184 Resp: 132331

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

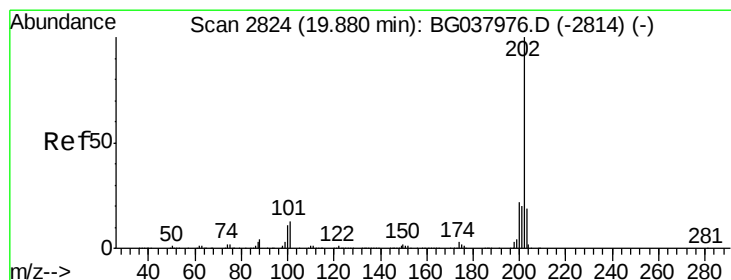
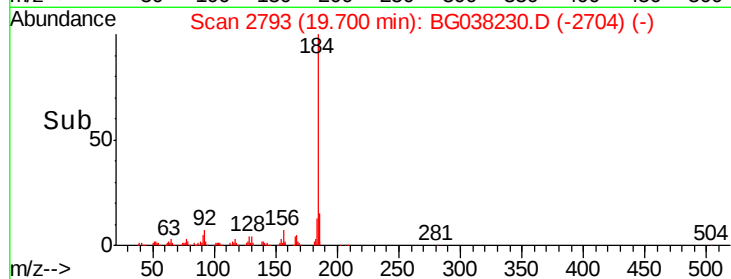
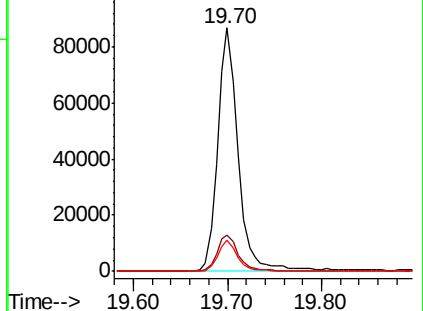
183 12.8 10.2 15.2



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: 41.515 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

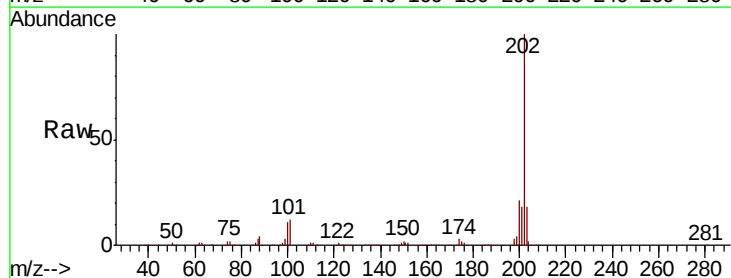
Tgt Ion:202 Resp: 559572

Ion Ratio Lower Upper

202 100

200 21.1 17.8 26.6

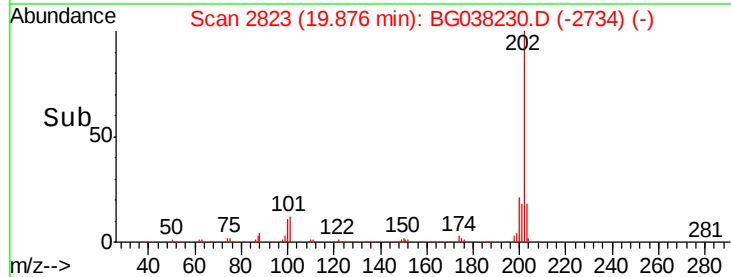
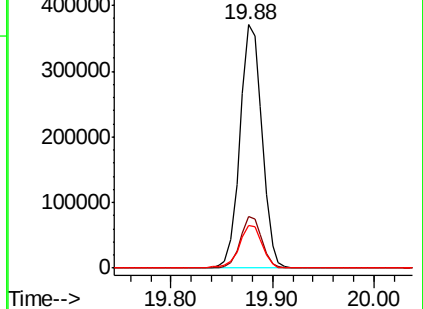
203 17.7 15.2 22.8



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: 87.525 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

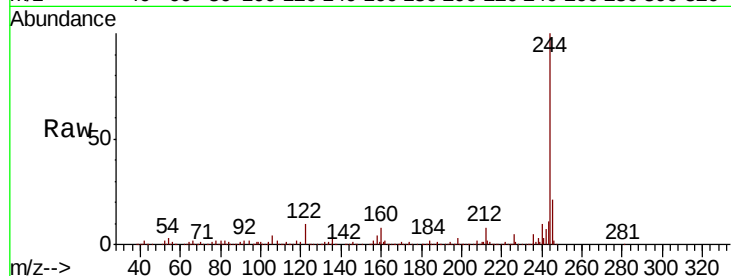
Tot Ion:244 Resp: 766853

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

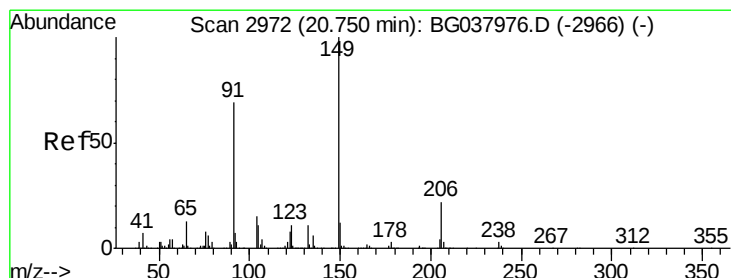
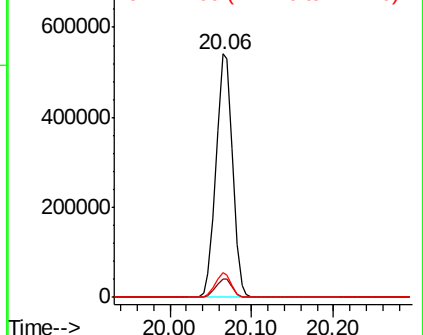
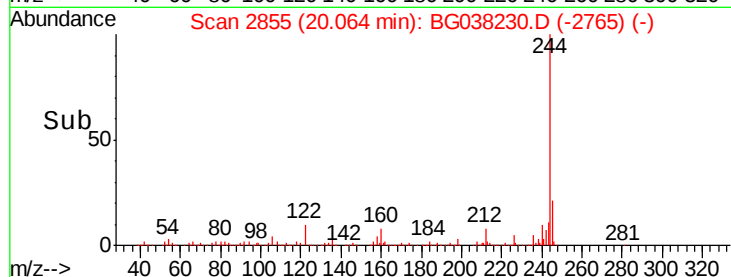
122 10.3 9.0 13.4



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: 41.359 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

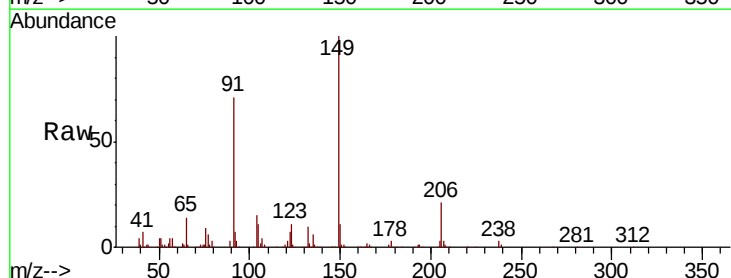
Tgt Ion:149 Resp: 243791

Ion Ratio Lower Upper

149 100

91 71.0 57.0 85.4

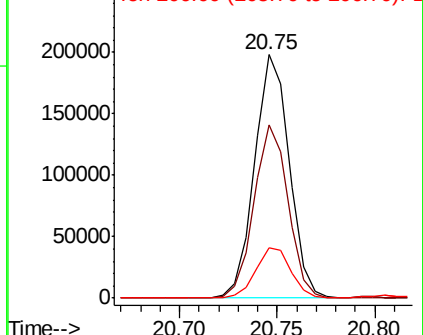
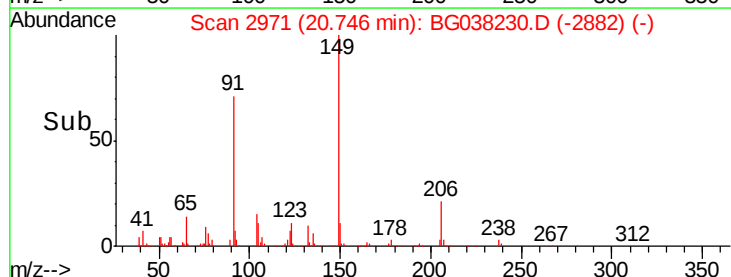
206 20.6 17.8 26.6

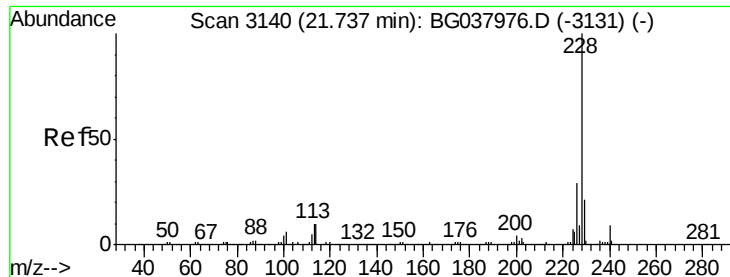


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.422 ng

RT: 21.73 min Scan# 3139

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

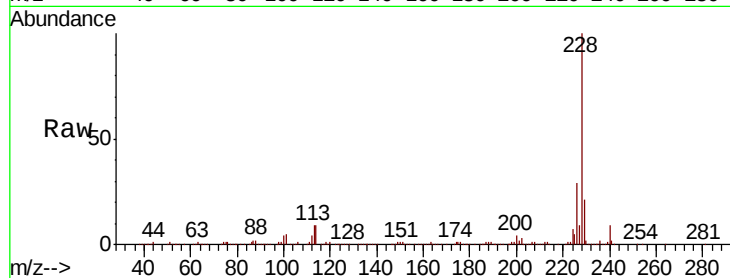
Tot Ion:228 Resp: 528514

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

229 20.5 16.3 24.5

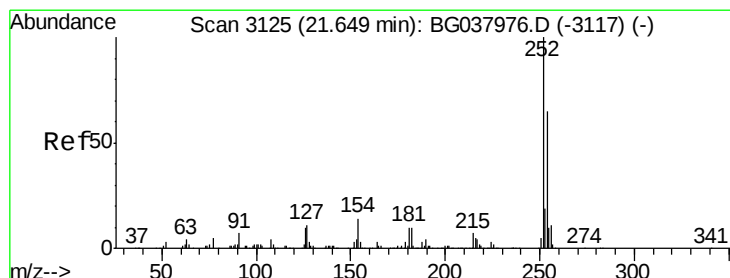
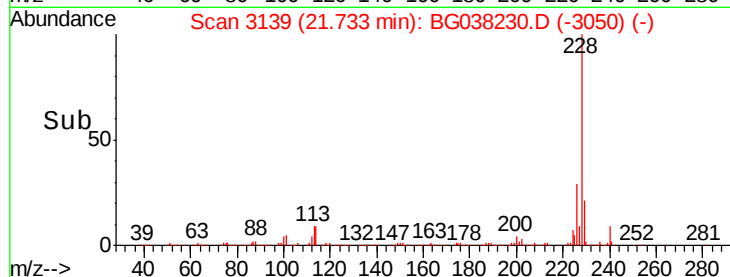
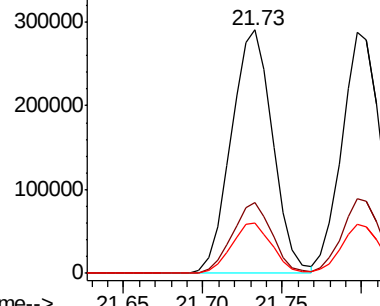


Abundance

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: 19.249 ng

RT: 21.64 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

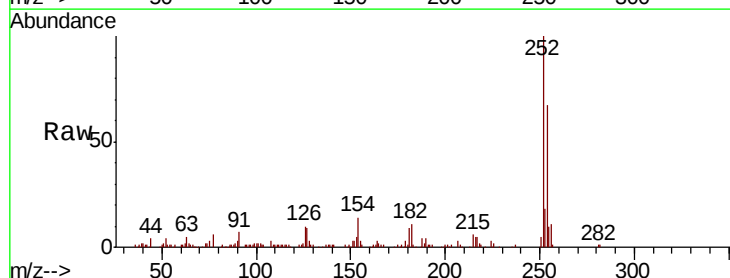
Tgt Ion:252 Resp: 93415

Ion Ratio Lower Upper

252 100

254 67.4 52.0 78.0

126 10.1 8.2 12.4

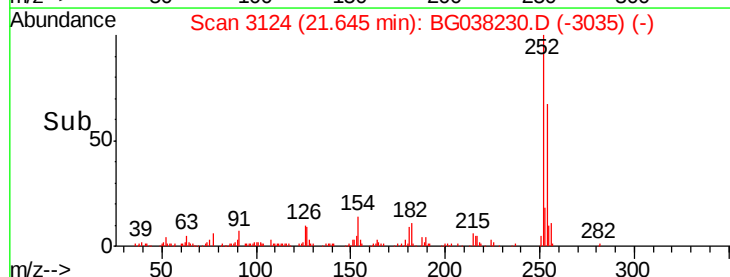
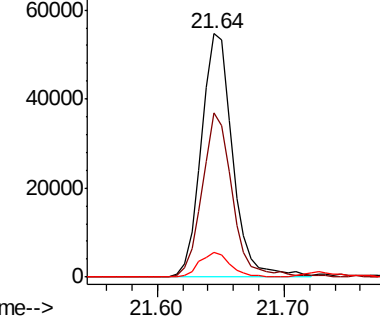


Abundance

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

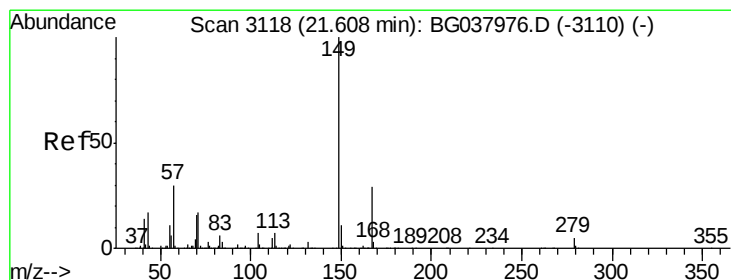
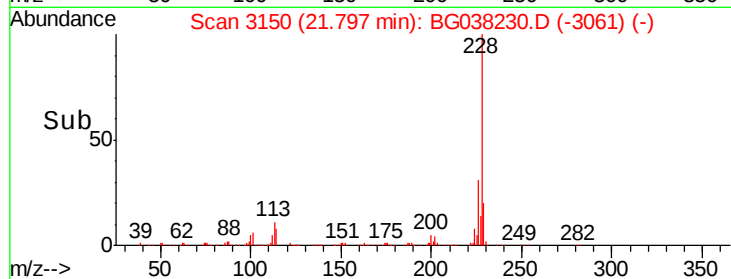
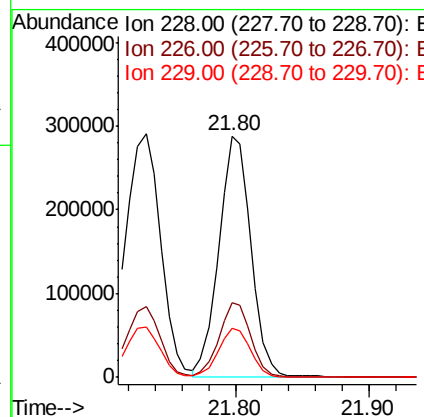
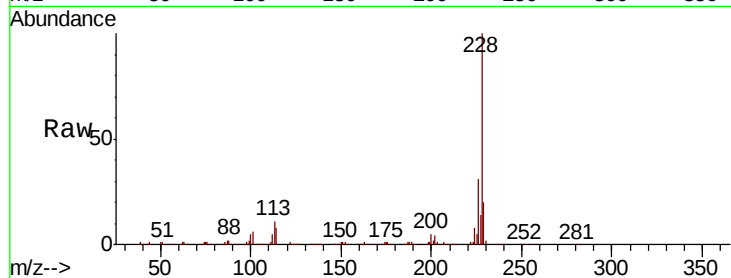




#83
 Chrvsene
 Concen: 40.642 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.00 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

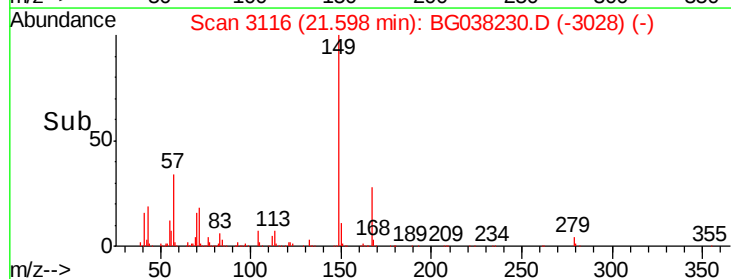
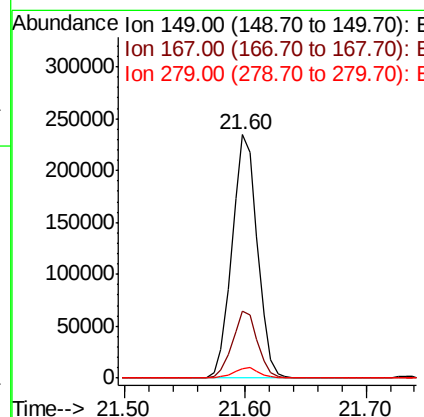
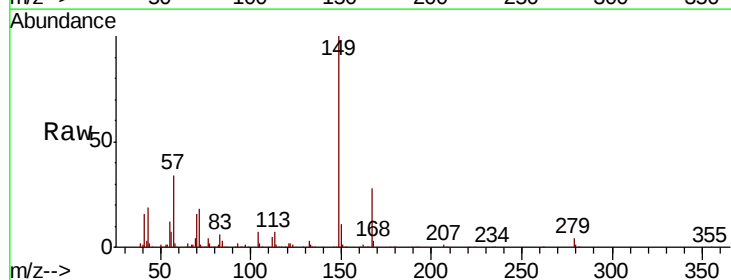
Instrument :
 BNA_G
 ClientSampleId :

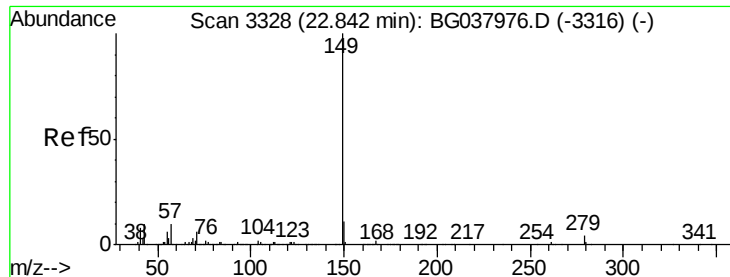
Tot	Ion:228	Resp:	484456
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.7	38.5
229	20.2	16.5	24.7



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.661 ng
 RT: 21.60 min Scan# 3116
 Delta R.T. -0.01 min
 Lab File: BG038230.D
 Acq: 29 Nov 2018 11:48

Tgt Ion:149	Resp: 341803
Ion Ratio	Lower Upper
149 100	
167 27.7	23.0 34.4
279 3.9	3.6 5.4

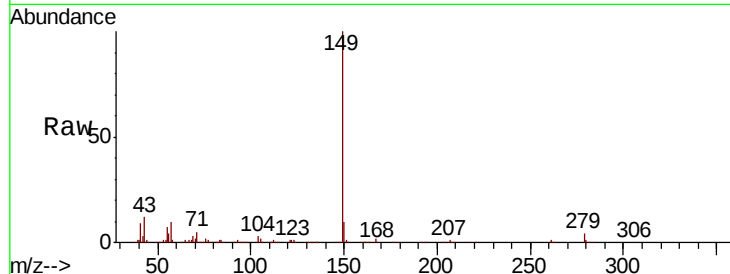




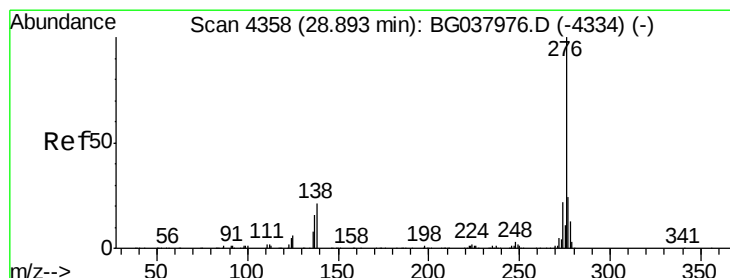
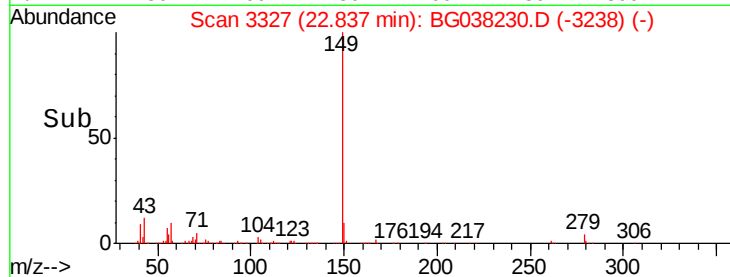
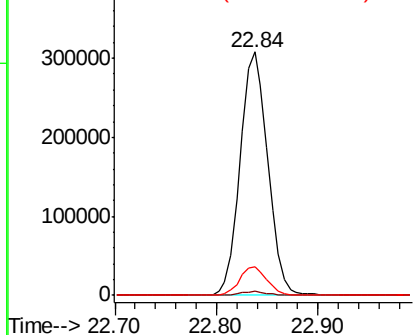
#85
Di-n-octyl phthalate
Concen: 42.885 ng
RT: 22.84 min Scan# 3327
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.5	8.7	13.1

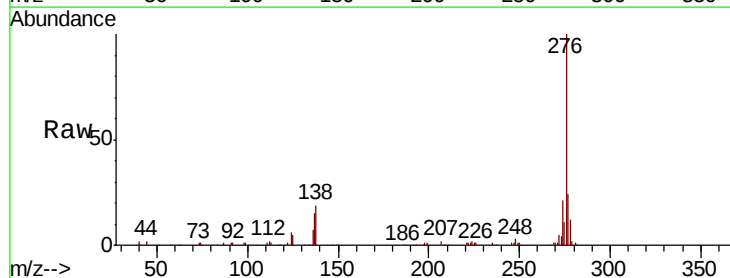


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

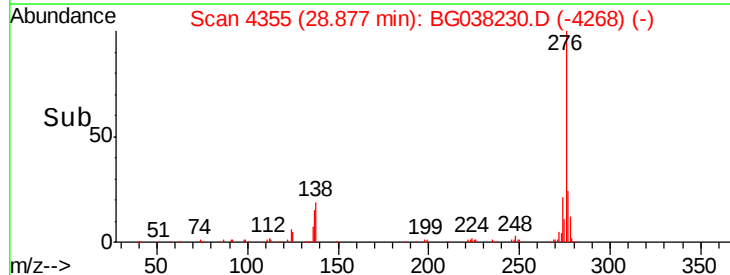
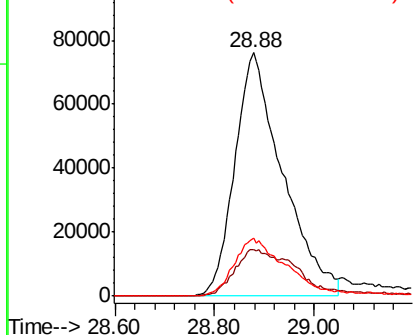


#86
Indeno(1,2,3-cd)pyrene
Concen: 38.334 ng
RT: 28.88 min Scan# 4355
Delta R.T. -0.02 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.0	12.0	18.0
277	25.7	20.6	30.8



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3708

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Instrument :

BNA_G

ClientSampleId :

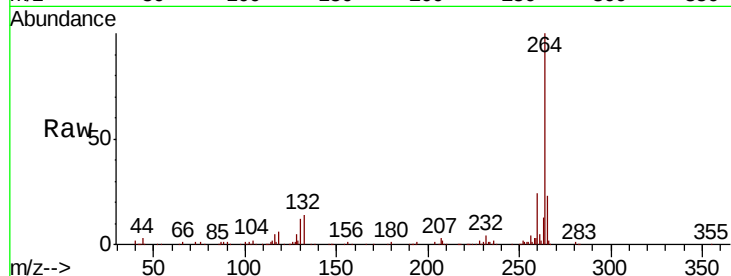
Tot Ion:264 Resp: 219003

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.4

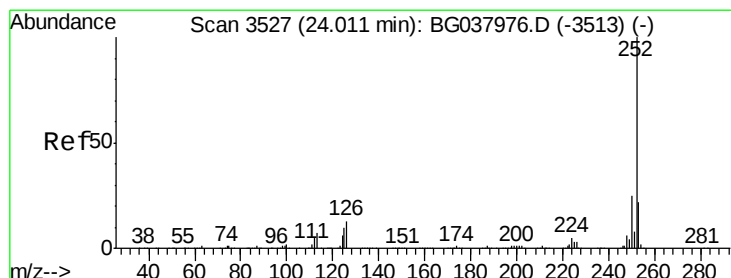
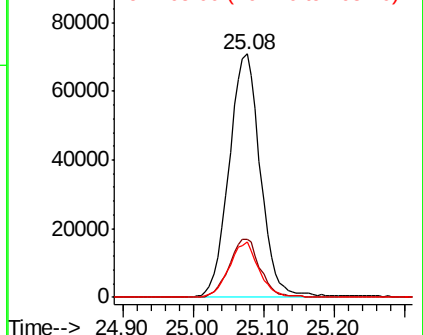
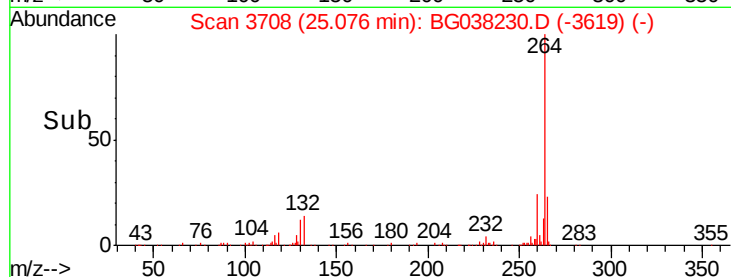
265 22.7 17.9 26.9



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: 42.128 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

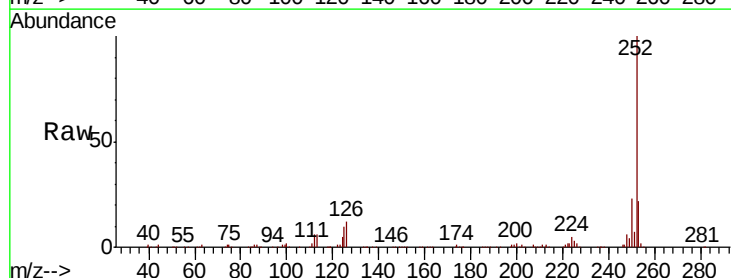
Tgt Ion:252 Resp: 507718

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

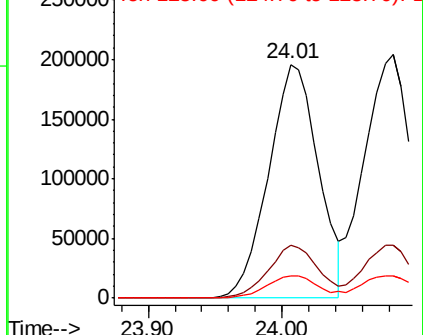
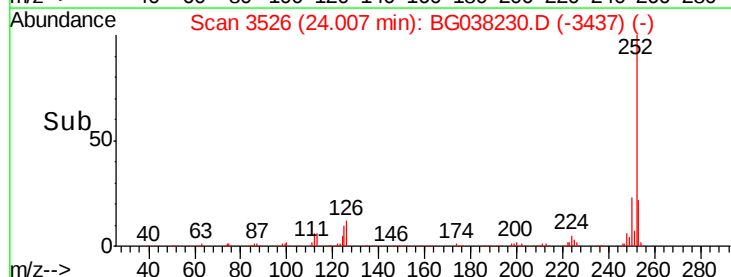
125 9.7 7.8 11.6

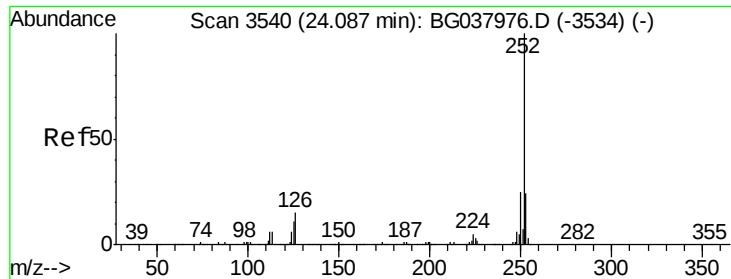


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

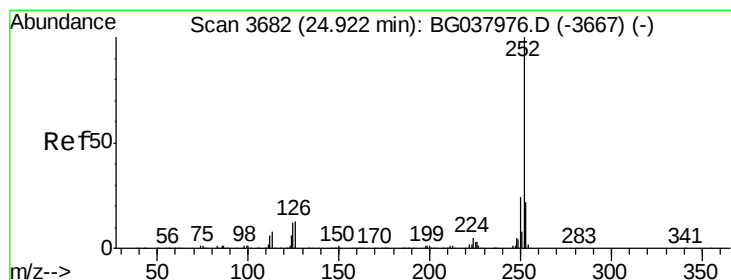
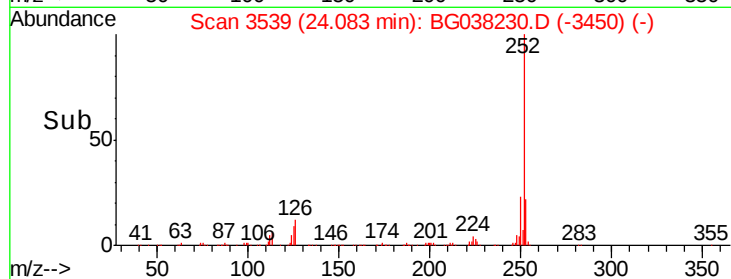
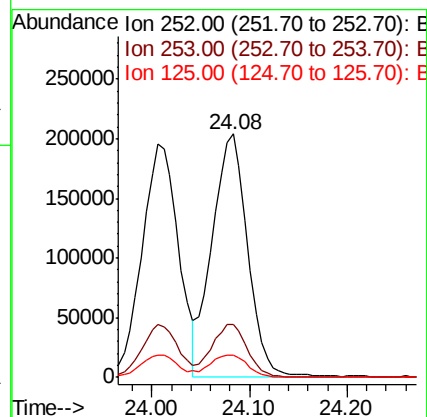
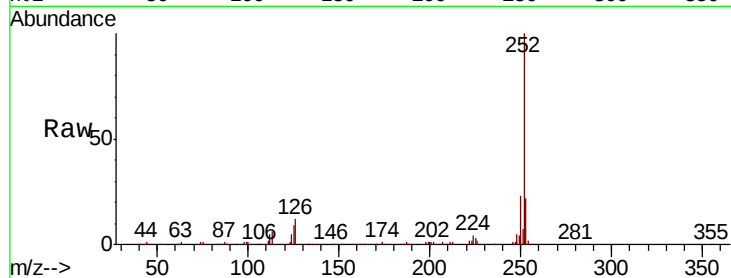




#89
Benzo(k)fluoranthene
Concen: 43.049 ng
RT: 24.08 min Scan# 3539
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

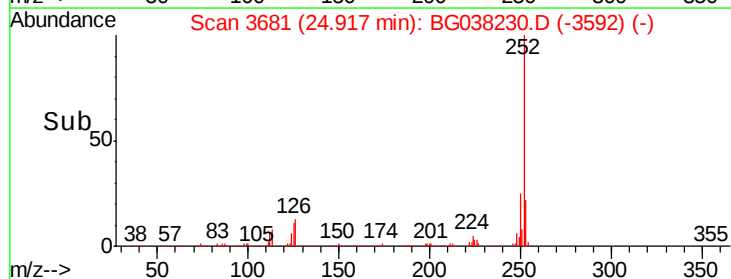
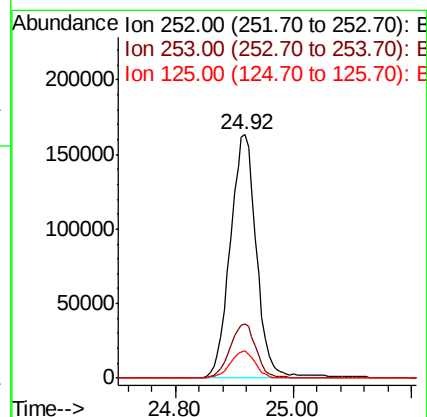
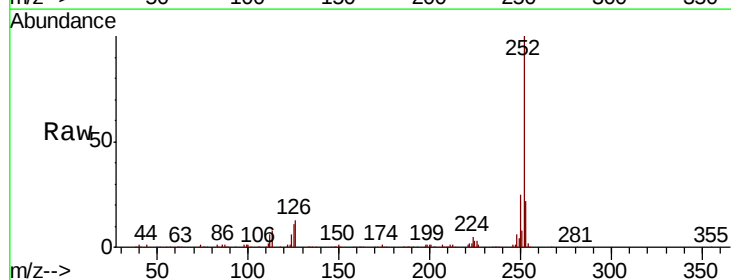
Instrument :
BNA_G
ClientSampled :

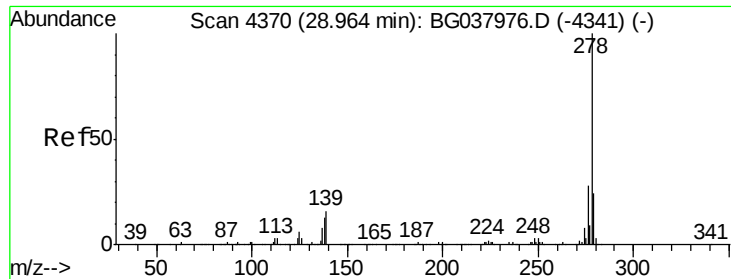
Tot Ion:252 Resp: 511940
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.2 7.4 11.0



#90
Benzo(a)pyrene
Concen: 44.114 ng
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG038230.D
Acq: 29 Nov 2018 11:48

Tgt Ion:252 Resp: 508091
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.2
125 11.2 9.0 13.6





#91

Dibenzo(a,h)anthracene

Concen: 37.606 ng

RT: 28.95 min Scan# 4368

Delta R.T. -0.01 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

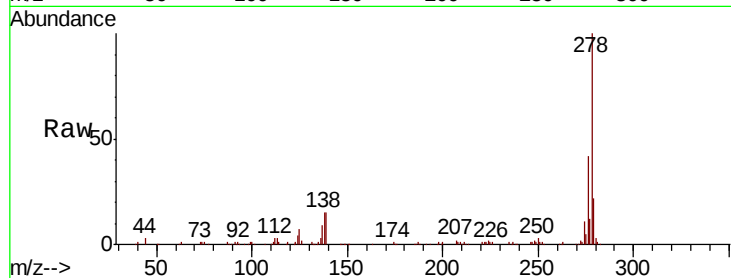
Instrument :

BNA_G

ClientSampleId :

Tot Ion:278 Resp: 416750

Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	21.9	18.6	27.8

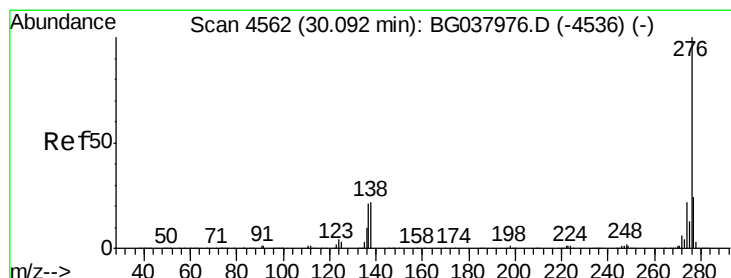
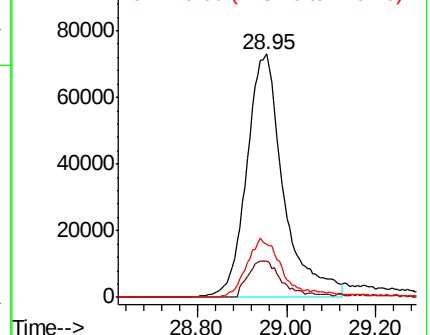
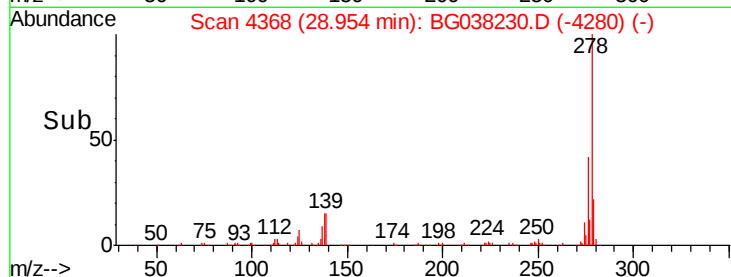


Abundance

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: 36.878 ng

RT: 30.08 min Scan# 4559

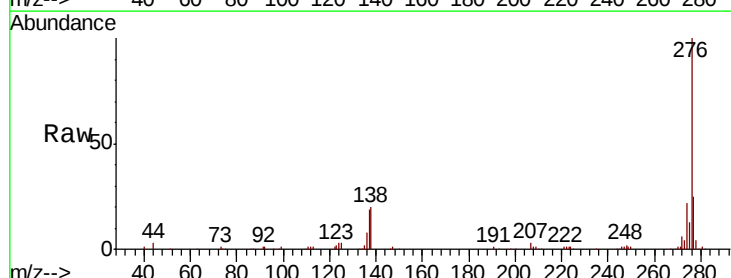
Delta R.T. -0.02 min

Lab File: BG038230.D

Acq: 29 Nov 2018 11:48

Tgt Ion:276 Resp: 406364

Ion	Ratio	Lower	Upper
276	100		
277	25.1	18.9	28.3
138	20.3	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

