

Data File : BG038248.D
Acq On : 30 Nov 2018 00:56
Operator : JU/SJ
Sample : PB115166BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Quant Time: Nov 30 04:09:31 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	33228	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	141052	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	86070	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	205326	20.00	ng	0.00
76) Chrysene-d12	21.75	240	192296	20.00	ng	0.00
87) Perylene-d12	25.07	264	202674	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	241748	125.62	ng	0.00
7) Phenol-d6	7.23	99	333270	121.32	ng	0.00
23) Nitrobenzene-d5	9.26	82	207706	78.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	100947	102.84	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	454186	76.88	ng	0.00
79) Terphenyl-d14	20.07	244	719903	88.09	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.51	88	30718	33.792	ng	# 91
3) Pyridine	3.91	79	89739	34.607	ng	88
4) n-Nitrosodimethylamine	3.84	42	51781	55.042	ng	86
6) Aniline	7.41	93	52201	14.723	ng	97
8) 2-Chlorophenol	7.64	128	108406	48.545	ng	97
9) Benzaldehyde	7.22	77	67845	34.150	ng	98
10) Phenol	7.26	94	141554	48.647	ng	95
11) bis(2-Chloroethyl)ether	7.50	93	101006	42.519	ng	97
12) 1,3-Dichlorobenzene	7.97	146	108277	42.089	ng	96
13) 1,4-Dichlorobenzene	8.12	146	111446	42.885	ng	99
14) 1,2-Dichlorobenzene	8.44	146	105399	42.482	ng	98
15) Benzyl Alcohol	8.33	79	100243	50.429	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	216130	48.997	ng	96
17) 2-Methylphenol	8.52	107	96781	49.195	ng	97
18) Hexachloroethane	9.16	117	41524	43.905	ng	97
19) n-Nitroso-di-n-propylamine	8.88	70	83411	41.962	ng	96
20) 3+4-Methylphenols	8.85	107	134822	48.344	ng	97
22) Acetophenone	8.91	105	157074	44.757	ng	# 96
24) Nitrobenzene	9.30	77	126897	47.077	ng	97
25) Isophorone	9.81	82	233789	49.294	ng	99
26) 2-Nitrophenol	10.01	139	61608	45.783	ng	95
27) 2,4-Dimethylphenol	10.05	122	112210	55.345	ng	100
28) bis(2-Chloroethoxy)methane	10.30	93	140027	46.172	ng	97
29) 2,4-Dichlorophenol	10.54	162	113250	49.659	ng	96
30) 1,2,4-Trichlorobenzene	10.76	180	112265	43.930	ng	97
31) Naphthalene	10.95	128	331221	47.743	ng	99
32) Benzoic acid	10.22	122	5858	15.667	ng	93
33) 4-Chloroaniline	11.07	127	36127	11.195	ng	95
34) Hexachlorobutadiene	11.22	225	68820	43.756	ng	98
35) Caprolactam	11.85	113	40468	44.333	ng	# 87
36) 4-Chloro-3-methylphenol	12.17	107	124150	49.830	ng	94
37) 2-Methylnaphthalene	12.55	142	242538	48.670	ng	98
38) 1-Methylnaphthalene	12.77	142	231785	48.321	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	127897	44.469	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	146759	95.294	ng	95
43) 2,4,6-Trichlorophenol	13.15	196	87522	44.657	ng	98
44) 2,4,5-Trichlorophenol	13.23	196	96000	46.554	ng	98
46) 1,1'-Biphenyl	13.55	154	313398	43.342	ng	99
47) 2-Chloronaphthalene	13.60	162	247003	44.765	ng	98
48) 2-Nitroaniline	13.81	65	90054	51.857	ng	99
49) Acenaphthylene	14.44	152	409140	49.309	ng	99
50) Dimethylphthalate	14.17	163	317484	46.529	ng	99
51) 2,6-Dinitrotoluene	14.30	165	73554	47.629	ng	98
52) Acenaphthene	14.78	154	234819	47.008	ng	99
53) 3-Nitroaniline	14.63	138	36417	21.370	ng	# 96
54) 2,4-Dinitrophenol	14.84	184	4501	14.058	ng	# 73
55) Dibenzofuran	15.12	168	384758	46.581	ng	98
56) 4-Nitrophenol	14.93	139	79730	60.664	ng	88
57) 2,4-Dinitrotoluene	15.08	165	102251	48.663	ng	96
58) Fluorene	15.76	166	304762	49.451	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	66767	38.694	ng	97
60) Diethylphthalate	15.52	149	332568	45.887	ng	99
61) 4-Chlorophenyl-phenylether	15.75	204	160960	44.635	ng	99
62) 4-Nitroaniline	15.80	138	81234	47.986	ng	94
63) Azobenzene	16.04	77	311532	48.076	ng	95
65) 4,6-Dinitro-2-methylphenol	15.84	198	8424	6.487	ng	97
66) n-Nitrosodiphenylamine	15.97	169	281588	45.332	ng	98
67) 4-Bromophenyl-phenylether	16.65	248	102029	45.273	ng	97
68) Hexachlorobenzene	16.76	284	105837	45.498	ng	98
69) Atrazine	16.91	200	108106	47.211	ng	97
70) Pentachlorophenol	17.11	266	36952	23.389	ng	94
71) Phenanthrene	17.51	178	516284	49.112	ng	99
72) Anthracene	17.60	178	526478	50.806	ng	100
73) Carbazole	17.87	167	479340	46.105	ng	99
74) Di-n-butylphthalate	18.40	149	584817	50.110	ng	99
75) Fluoranthene	19.51	202	617233	51.462	ng	99
77) Benzidine	19.70	184	116550	17.273	ng	99
78) Pyrene	19.88	202	621459	49.430	ng	97
80) Butylbenzylphthalate	20.75	149	267880	48.722	ng	98
81) Benzo(a)anthracene	21.73	228	583479	50.211	ng	100
82) 3,3'-Dichlorobenzidine	21.65	252	94654	20.910	ng	98
83) Chrysene	21.80	228	542189	48.765	ng	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	379553	48.407	ng	99
85) Di-n-octyl phthalate	22.83	149	648391	51.115	ng	98
86) Indeno(1,2,3-cd)pyrene	28.88	276	586430	47.490	ng	97
88) Benzo(b)fluoranthene	24.01	252	574129	51.476	ng	99
89) Benzo(k)fluoranthene	24.08	252	553420	50.286	ng	98
90) Benzo(a)pyrene	24.91	252	561110	52.642	ng	99
91) Dibenzo(a,h)anthracene	28.95	278	489451	47.724	ng	98
92) Benzo(g,h,i)perylene	30.08	276	468666	45.959	ng	98

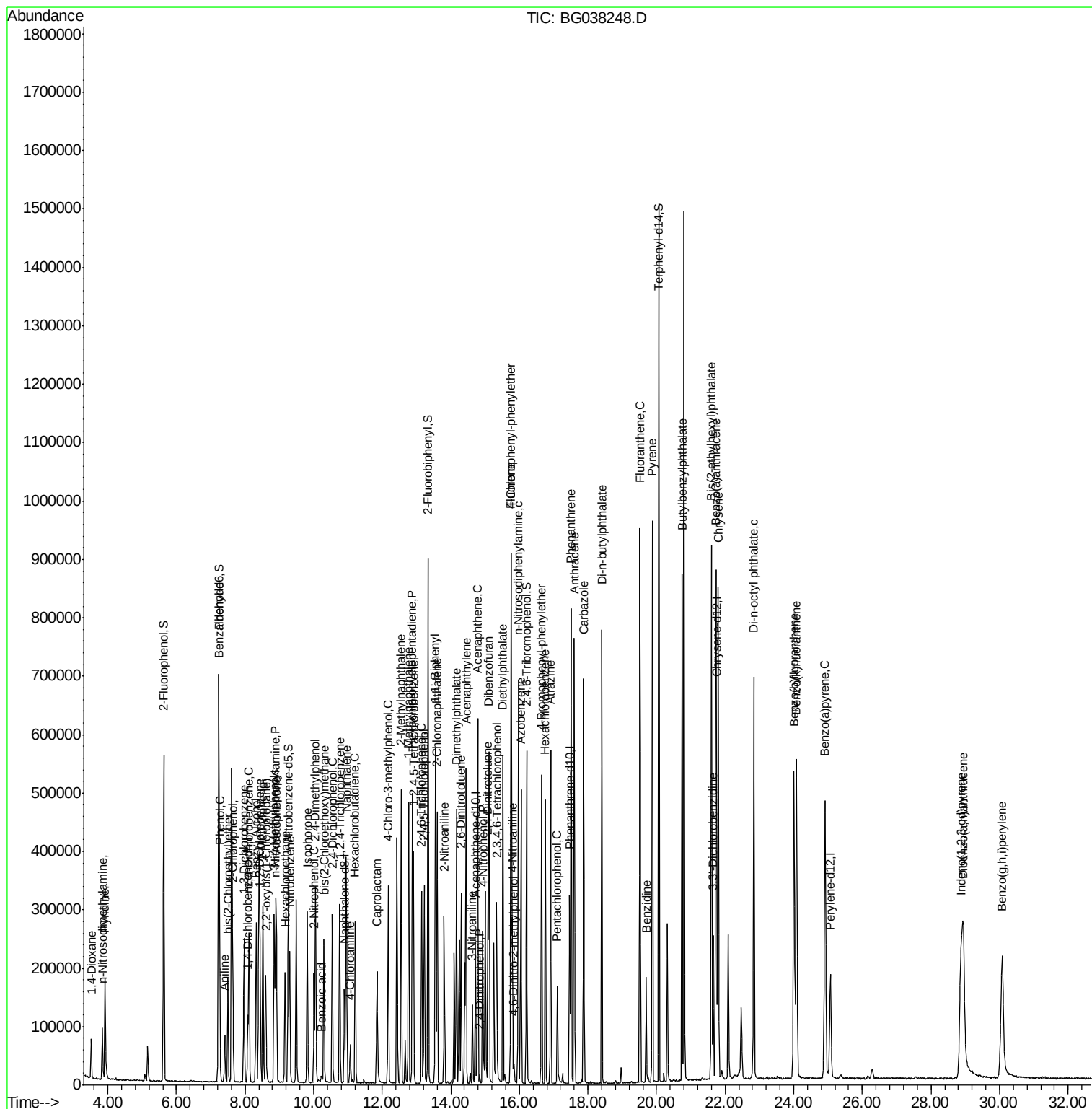
(#) = qualifier out of range (m) = manual integration (+) = signals summed

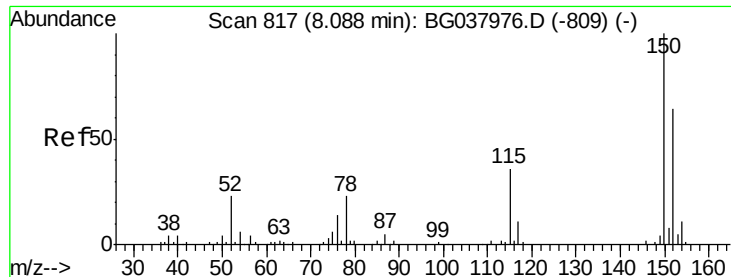
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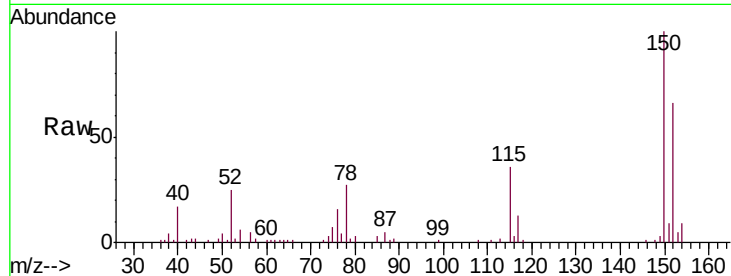


#1

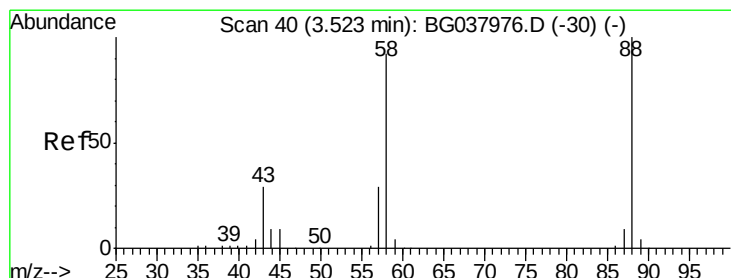
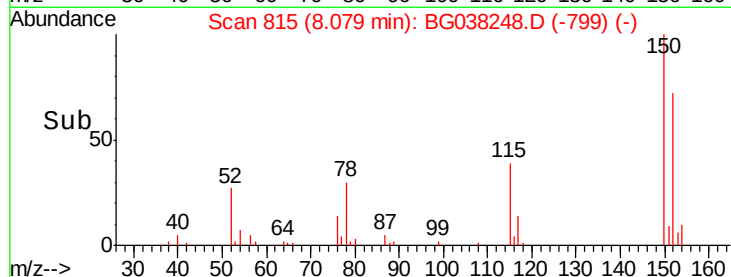
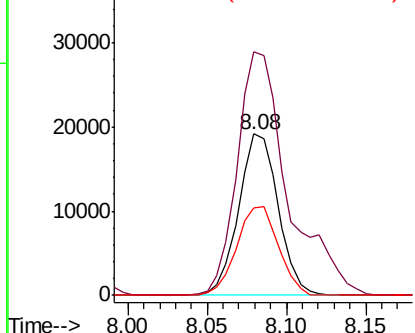
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038248.D
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Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tgt Ion: 152 Resp: 33228
Ion Ratio Lower Upper
152 100
150 150.8 126.0 189.0
115 54.3 45.5 68.3



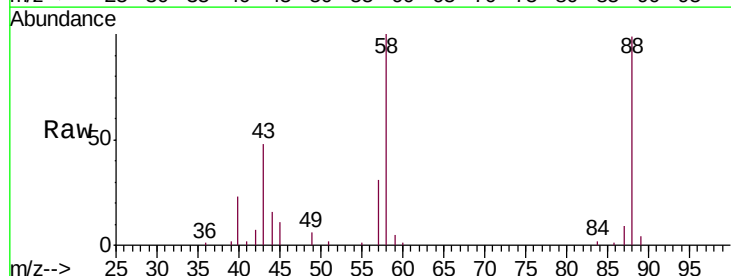
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



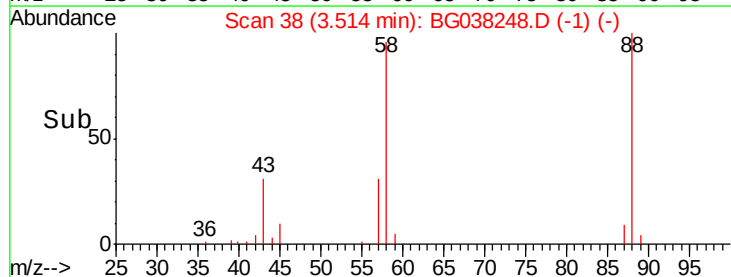
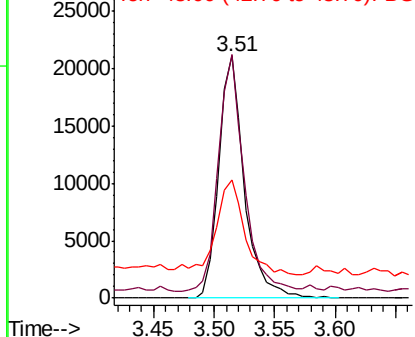
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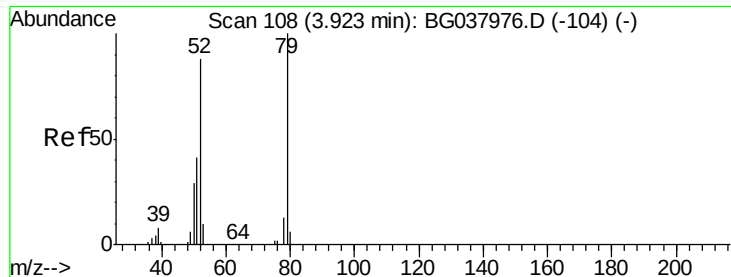
1,4-Dioxane
Concen: 33.792 ng
RT: 3.51 min Scan# 38
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion: 88 Resp: 30718
Ion Ratio Lower Upper
88 100
58 97.6 74.4 111.6
43 45.0 25.8 38.8#



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





#3

Pyridine

Concen: 34.607 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.01 min

Lab File: BG038248.D

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Instrument :

BNA_G

ClientSampleId :

PB115166BS

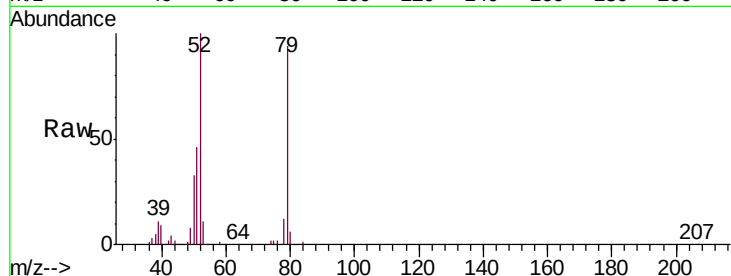
Tgt Ion: 79 Resp: 89739

Ion Ratio Lower Upper

79 100

52 106.2 74.2 111.2

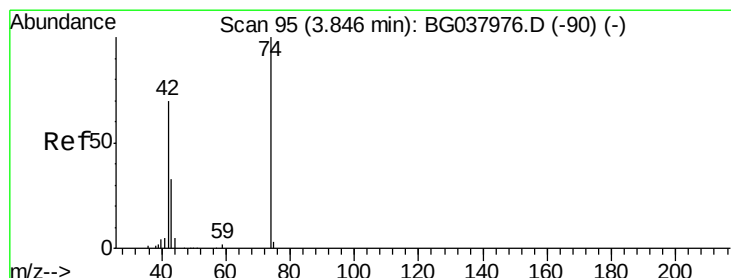
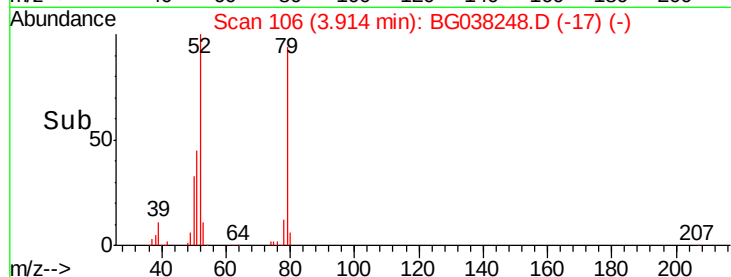
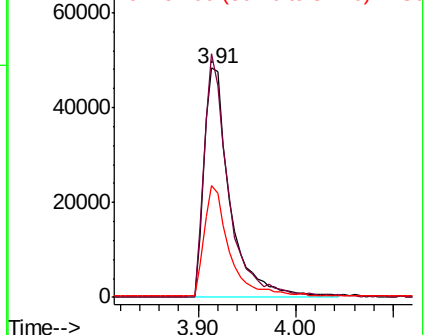
51 48.6 34.6 51.8



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: 55.042 ng

RT: 3.84 min Scan# 93

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

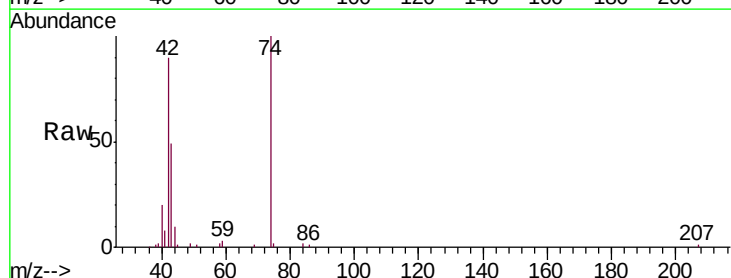
Tgt Ion: 42 Resp: 51781

Ion Ratio Lower Upper

42 100

74 110.7 102.0 153.0

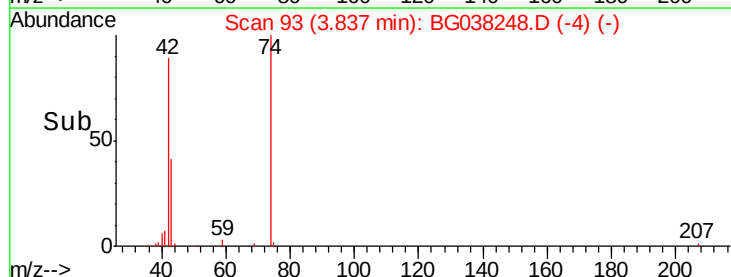
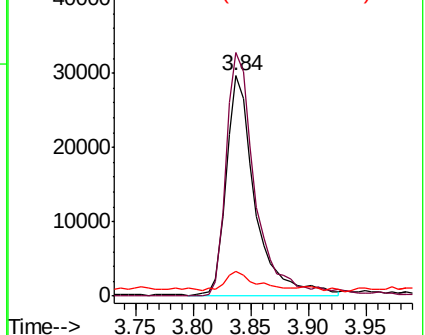
44 11.2 9.6 14.4

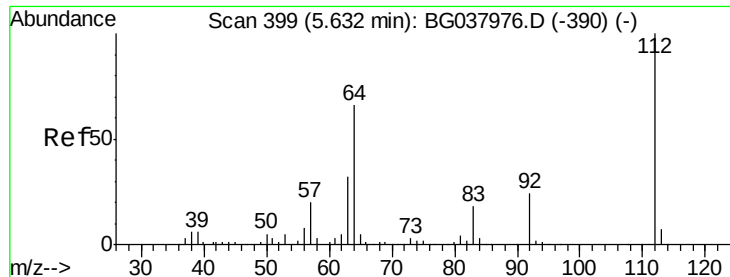


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 125.615 ng

RT: 5.63 min Scan# 398

Delta R.T. -0.00 min

Lab File: BG038248.D

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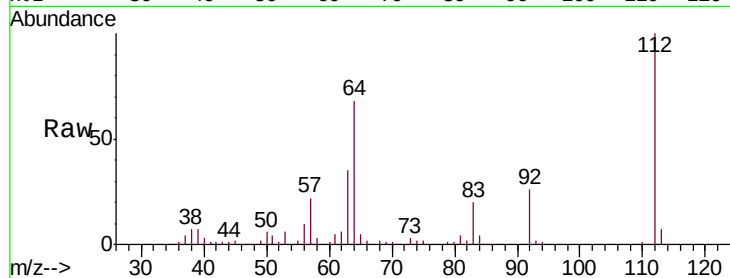
Tgt Ion: 112 Resp: 241748

Ion Ratio Lower Upper

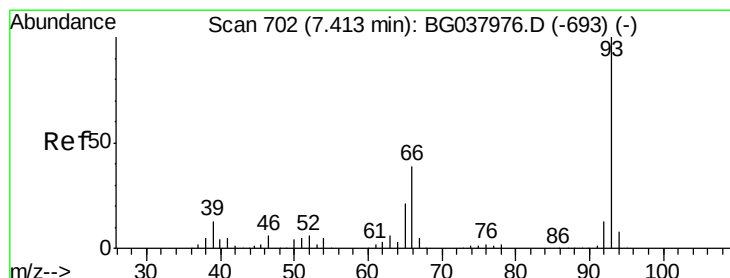
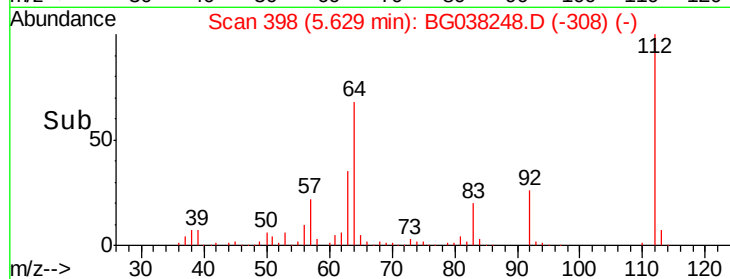
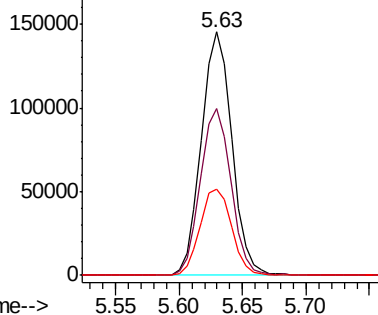
112 100

64 68.3 53.1 79.7

63 35.4 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: 14.723 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

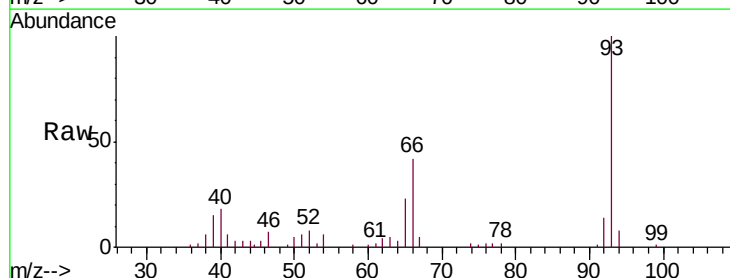
Tgt Ion: 93 Resp: 52201

Ion Ratio Lower Upper

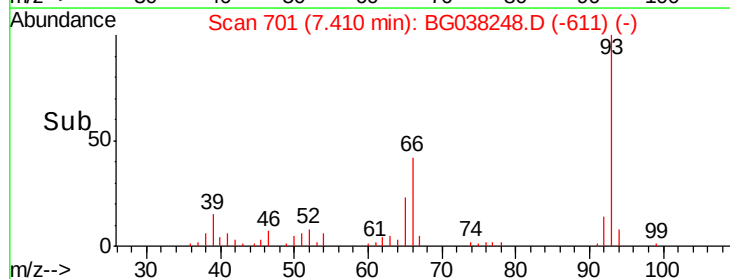
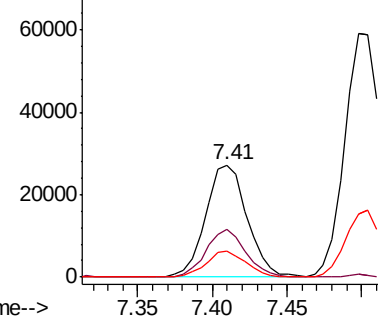
93 100

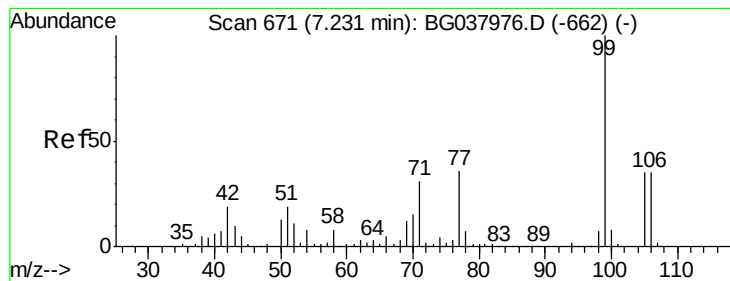
66 42.4 32.8 49.2

65 23.3 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: 121.316 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

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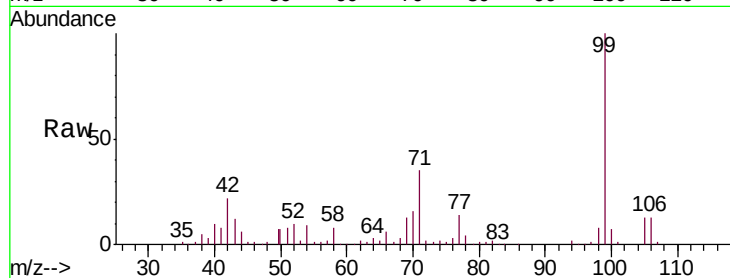
Tgt Ion: 99 Resp: 333270

Ion Ratio Lower Upper

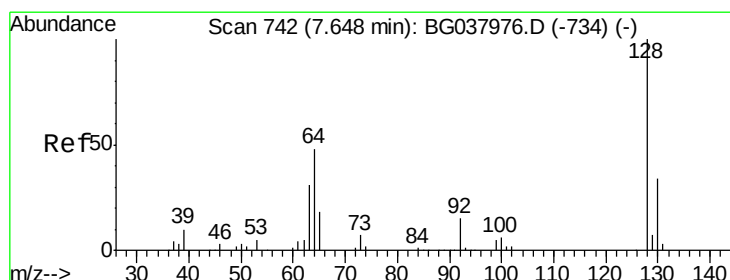
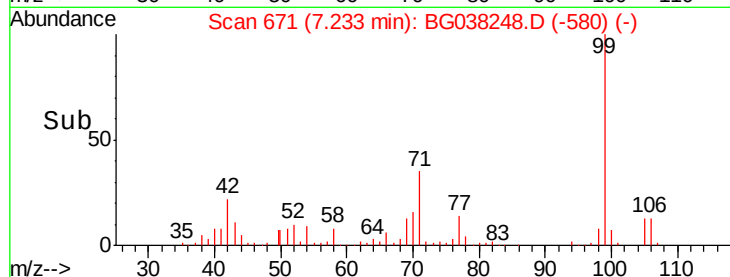
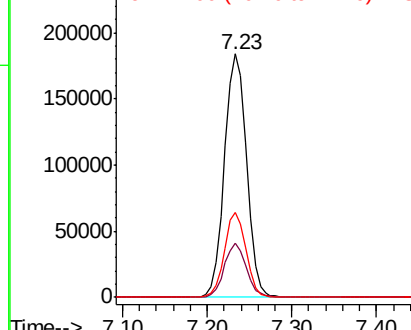
99 100

42 22.0 15.0 22.4

71 34.8 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: 48.545 ng

RT: 7.64 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

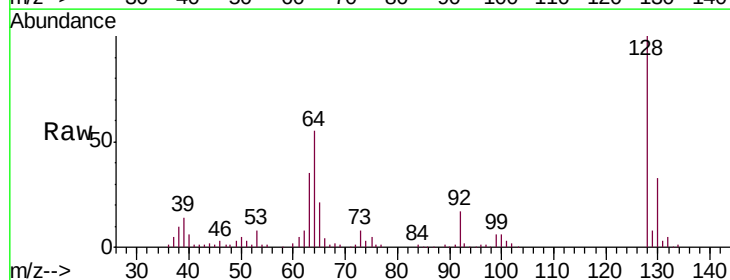
Tgt Ion: 128 Resp: 108406

Ion Ratio Lower Upper

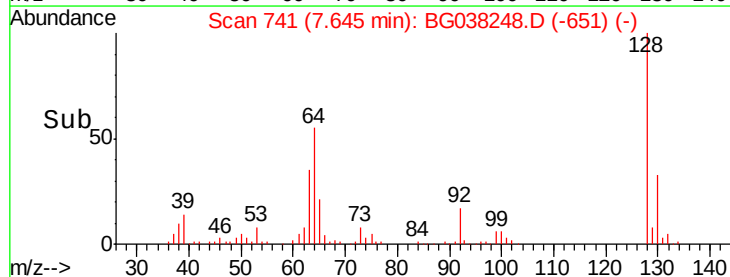
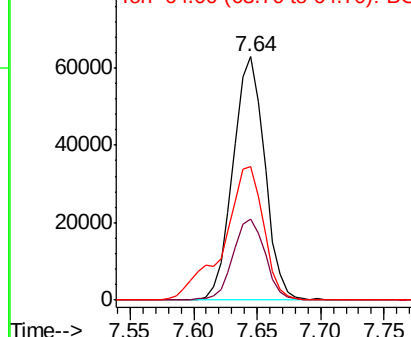
128 100

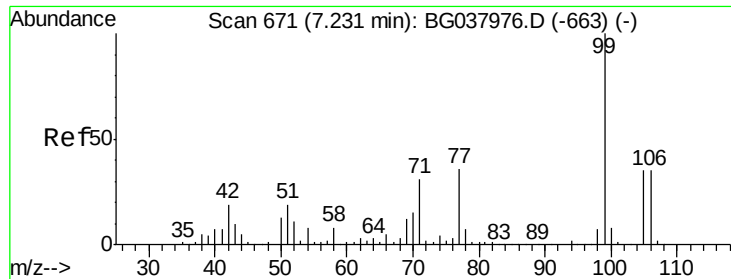
130 33.3 12.0 52.0

64 55.0 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: 34.150 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

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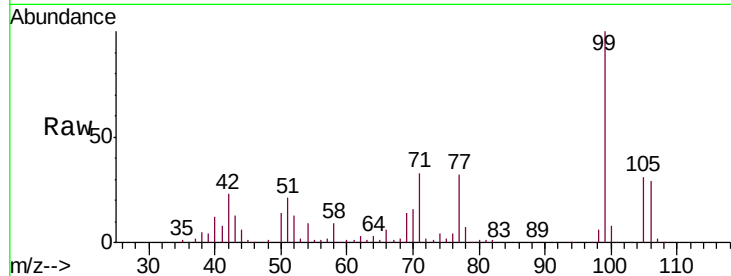
Tgt Ion: 77 Resp: 67845

Ion Ratio Lower Upper

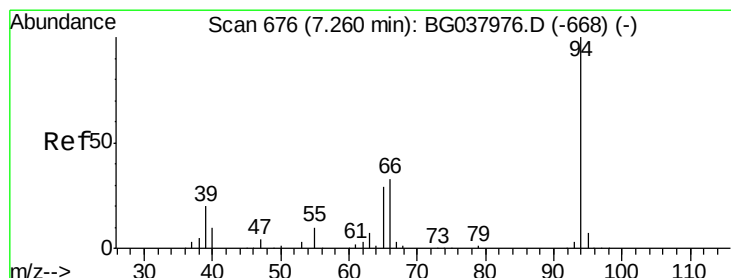
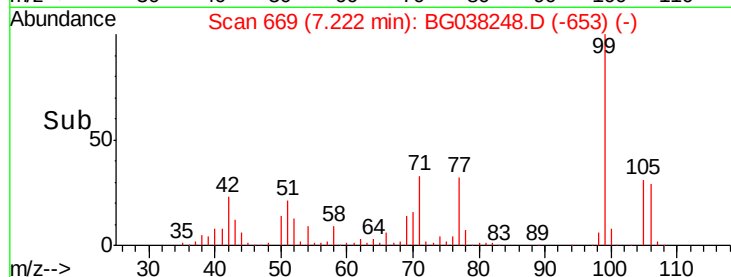
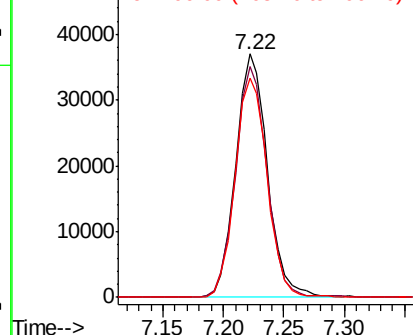
77 100

105 94.8 72.6 112.6

106 90.2 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: 48.647 ng

RT: 7.26 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

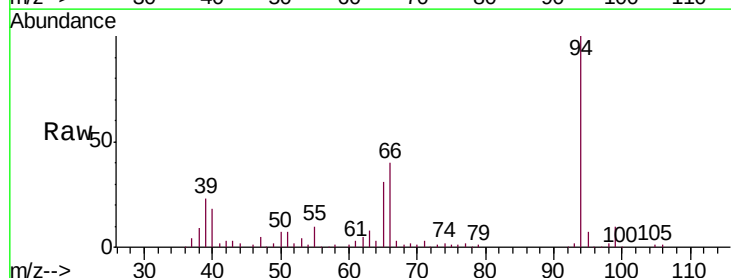
Tgt Ion: 94 Resp: 141554

Ion Ratio Lower Upper

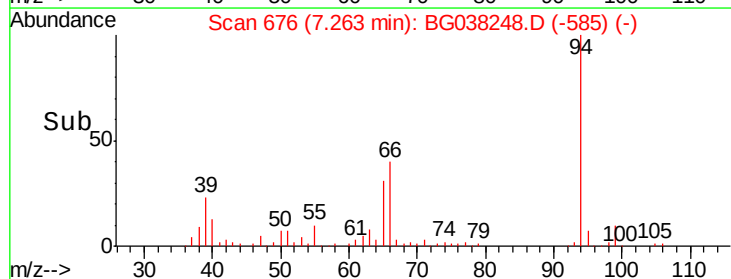
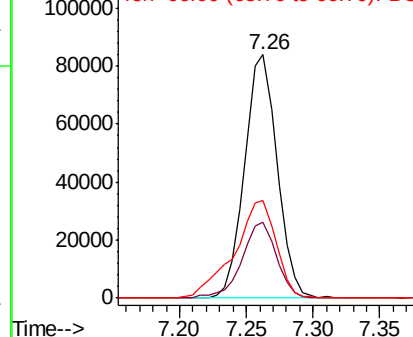
94 100

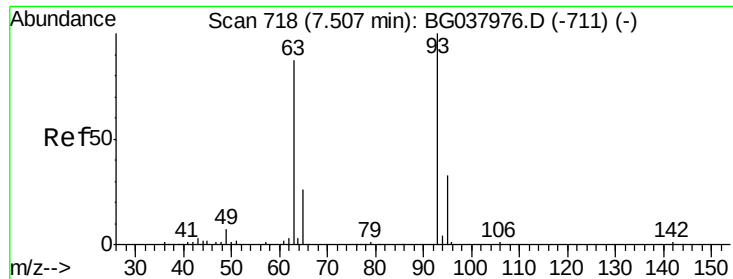
65 31.0 9.7 49.7

66 39.9 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



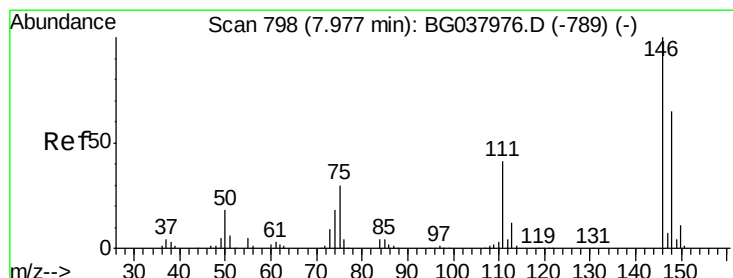
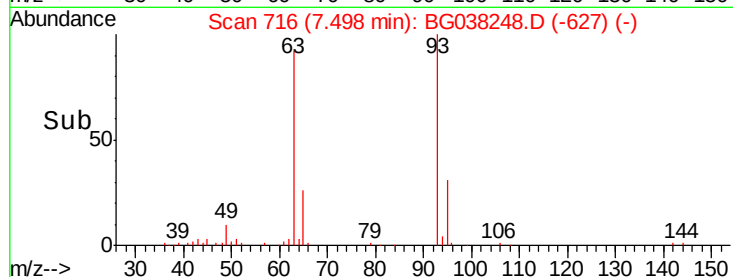
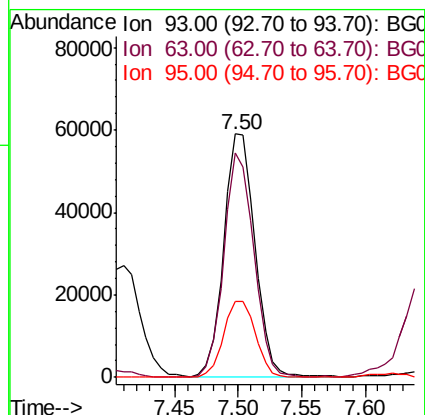
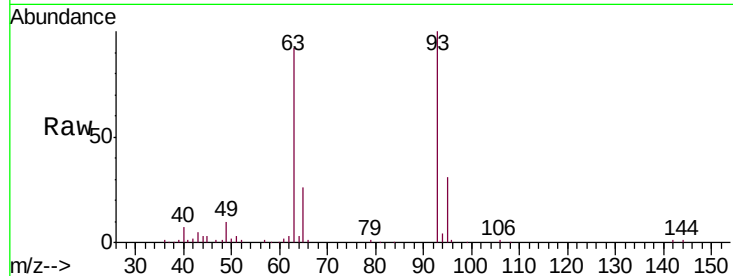


#11

bis(2-Chloroethyl)ether
Concen: 42.519 ng
RT: 7.50 min Scan# 716
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
PB115166BS

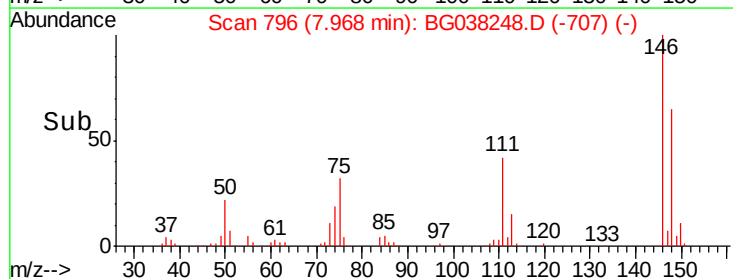
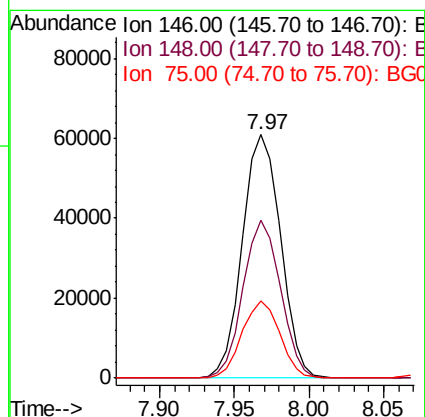
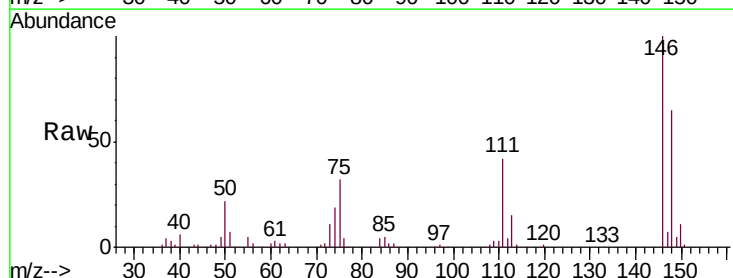
Tgt Ion	Ratio	Lower	Upper
93	100		
63	92.1	69.5	109.5
95	31.4	12.6	52.6

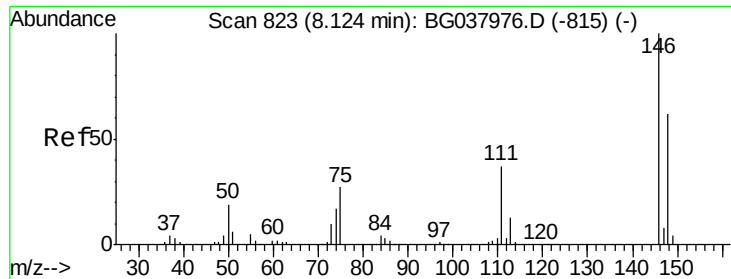


#12

1,3-Dichlorobenzene
Concen: 42.089 ng
RT: 7.97 min Scan# 796
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.8
75	31.6	23.2	34.8

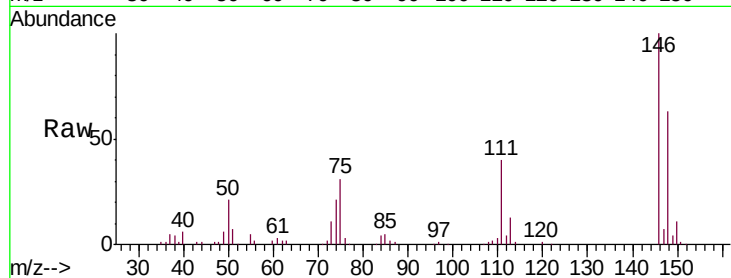




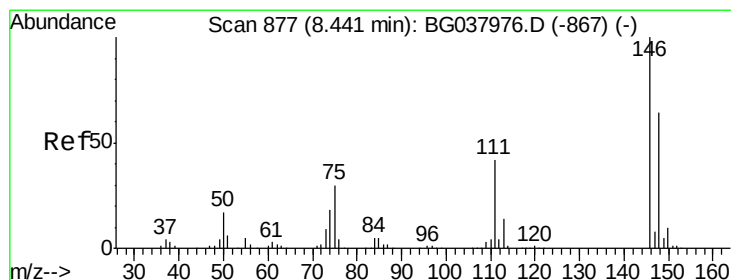
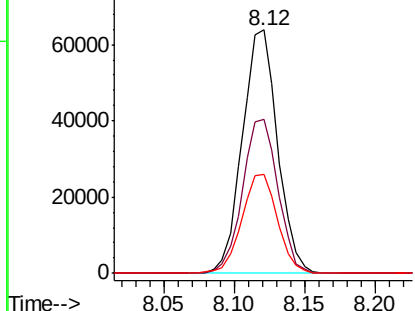
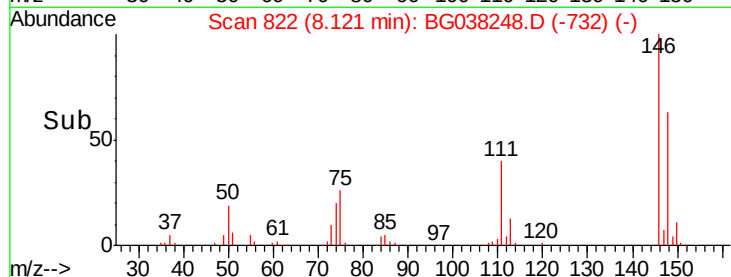
#13
 1,4-Dichlorobenzene
 Concen: 42.885 ng
 RT: 8.12 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion:146 Resp: 111446
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.0 76.6
 111 40.4 32.4 48.6

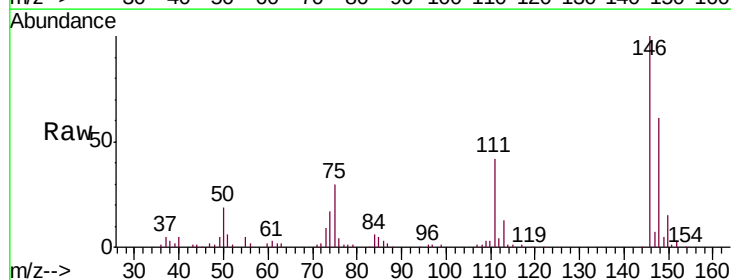


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

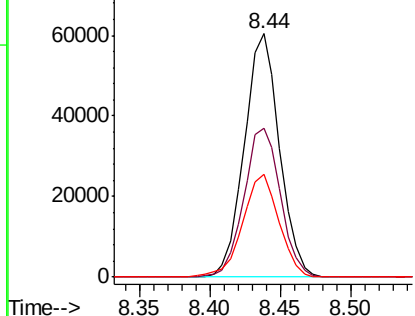
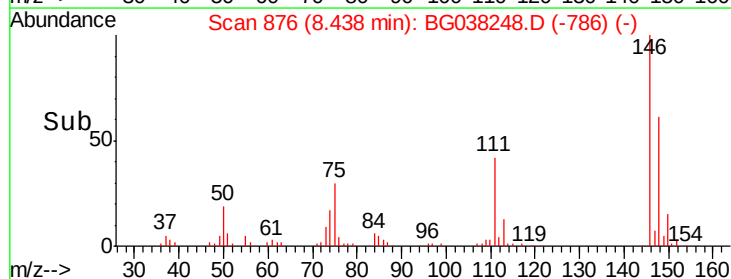


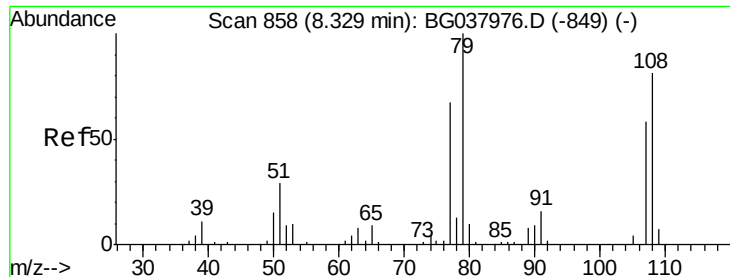
#14
 1,2-Dichlorobenzene
 Concen: 42.482 ng
 RT: 8.44 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion:146 Resp: 105399
 Ion Ratio Lower Upper
 146 100
 148 61.4 50.4 75.6
 111 42.4 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: 50.429 ng

RT: 8.33 min Scan# 857

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

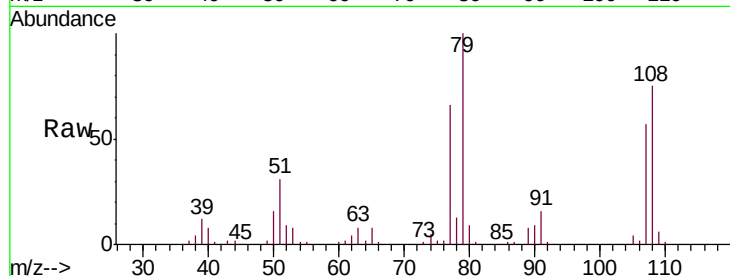
Tgt Ion: 79 Resp: 100243

Ion Ratio Lower Upper

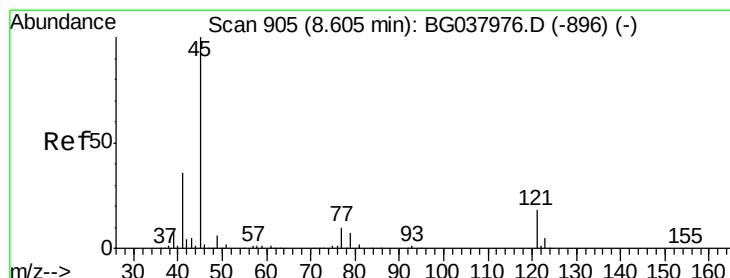
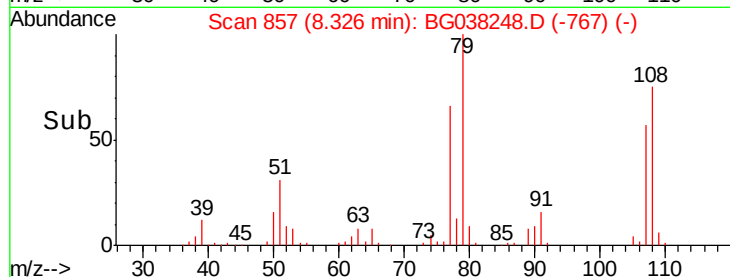
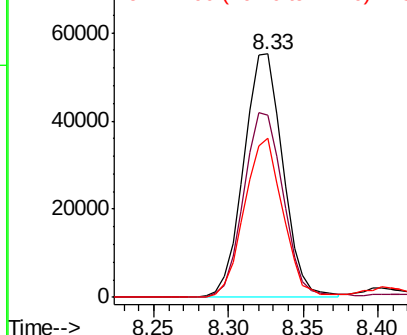
79 100

108 75.0 65.8 98.8

77 65.5 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: 48.997 ng

RT: 8.60 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

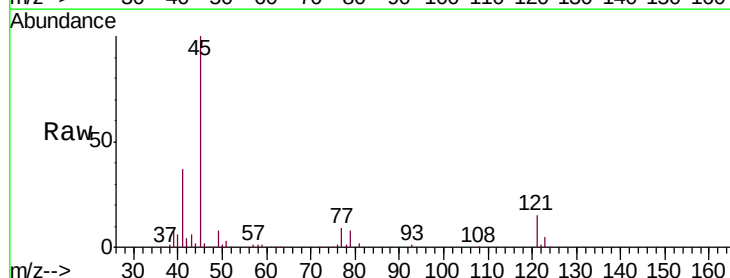
Tgt Ion: 45 Resp: 216130

Ion Ratio Lower Upper

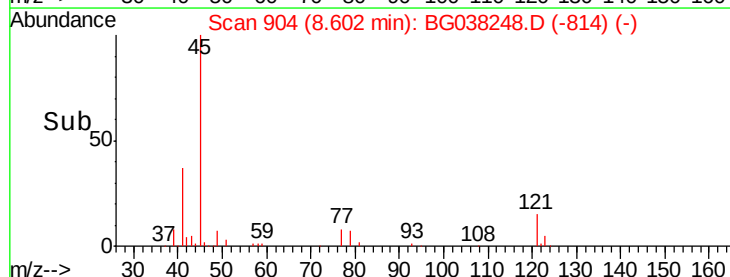
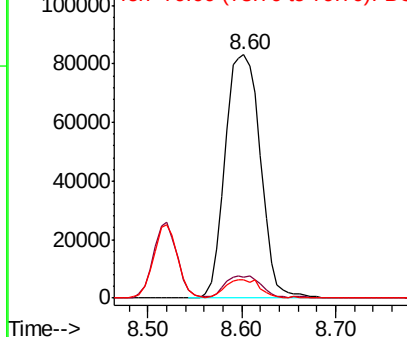
45 100

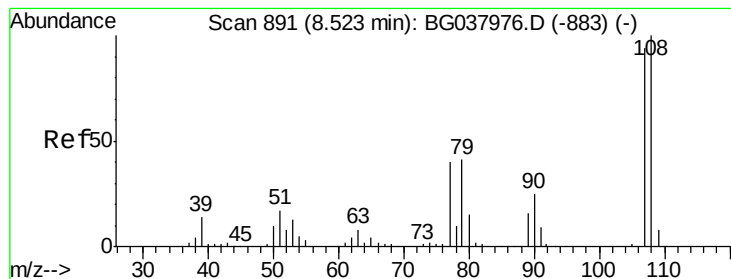
77 8.6 0.0 30.0

79 7.5 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

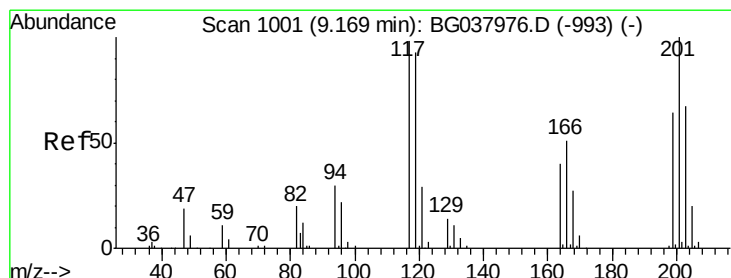
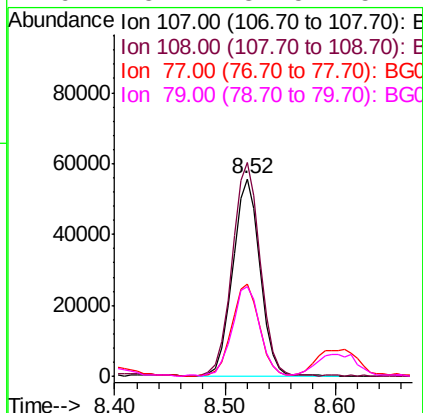
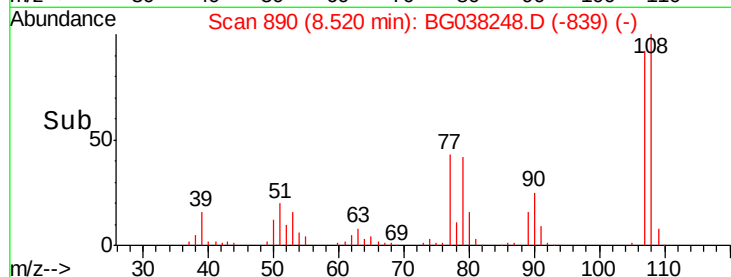
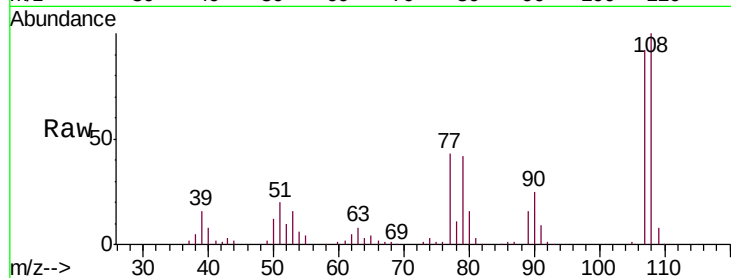




#17
2-Methylphenol
Concen: 49.195 ng
RT: 8.52 min Scan# 890
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

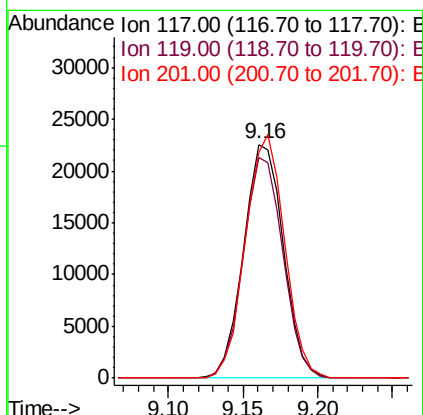
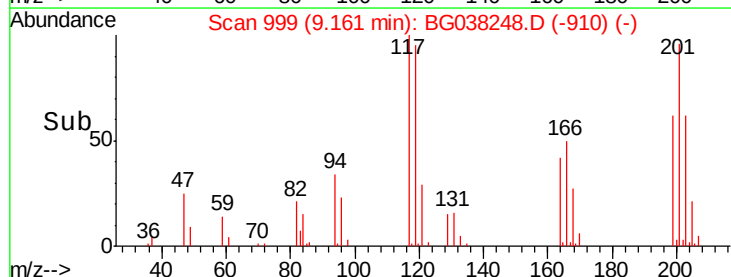
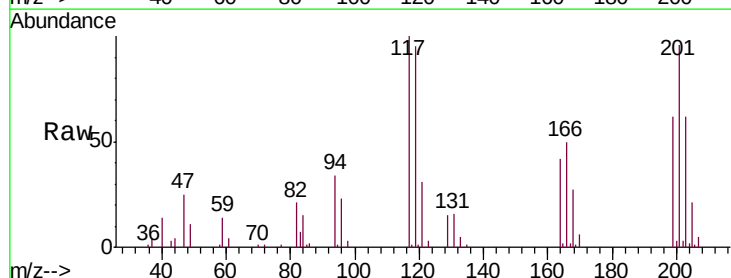
Instrument :
BNA_G
ClientSampleId :
PB115166BS

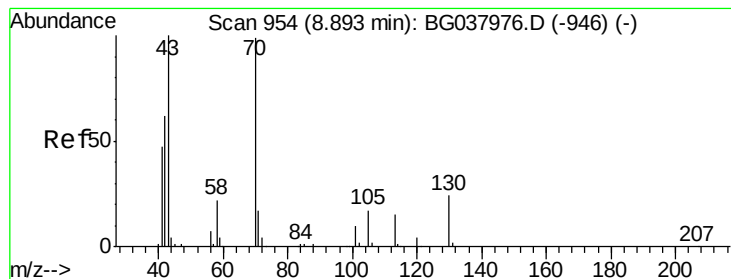
Tgt Ion:107 Resp: 96781
Ion Ratio Lower Upper
107 100
108 108.3 87.9 131.9
77 46.6 35.1 52.7
79 45.4 34.5 51.7



#18
Hexachloroethane
Concen: 43.905 ng
RT: 9.16 min Scan# 999
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:117 Resp: 41524
Ion Ratio Lower Upper
117 100
119 94.7 74.6 111.8
201 96.5 80.8 121.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.962 ng

RT: 8.88 min Scan# 952

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

Tgt Ion: 70 Resp: 83411

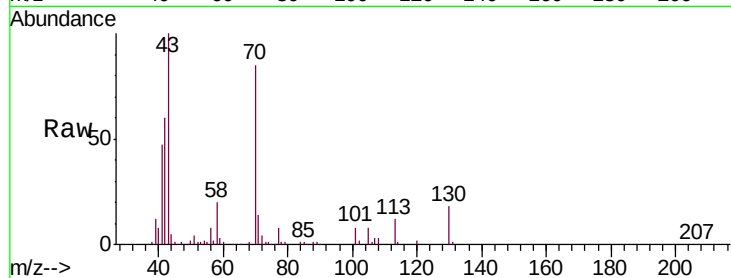
Ion Ratio Lower Upper

70 100

42 70.2 53.9 80.9

101 9.8 8.2 12.2

130 20.6 18.2 27.4

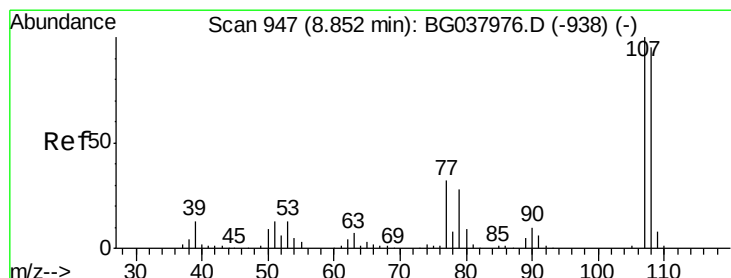
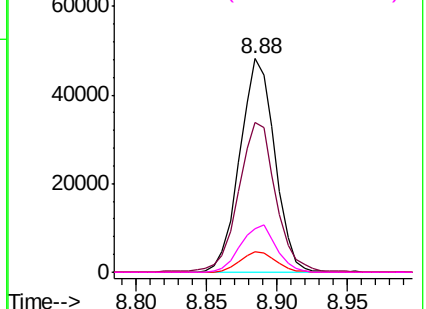
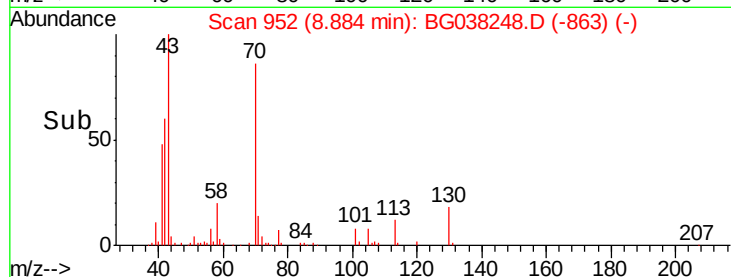


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 48.344 ng

RT: 8.85 min Scan# 946

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Tgt Ion: 107 Resp: 134822

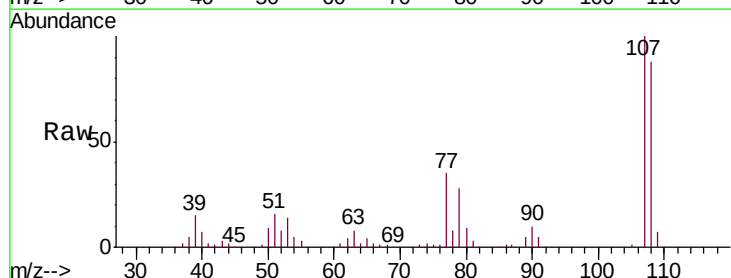
Ion Ratio Lower Upper

107 100

108 88.2 69.9 109.9

77 34.5 11.2 51.2

79 28.2 6.6 46.6

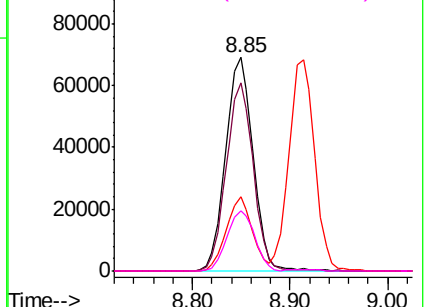
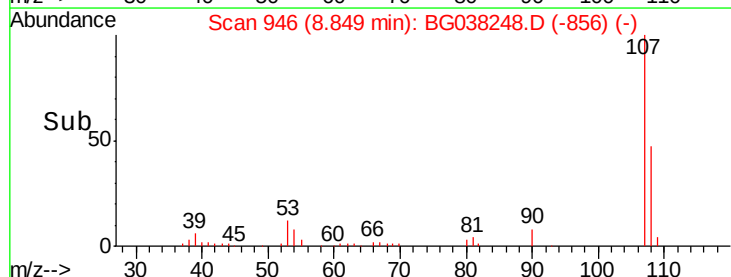


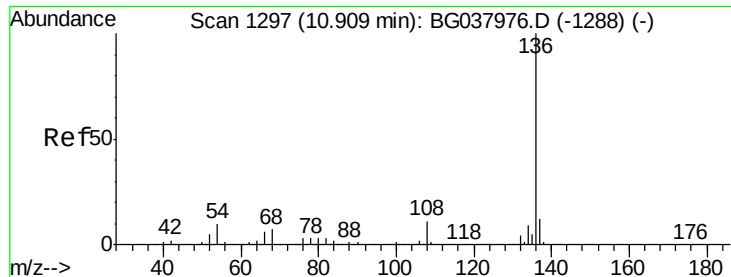
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

Tgt Ion:136 Resp: 141052

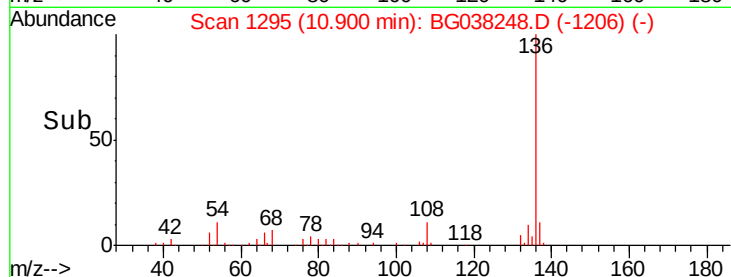
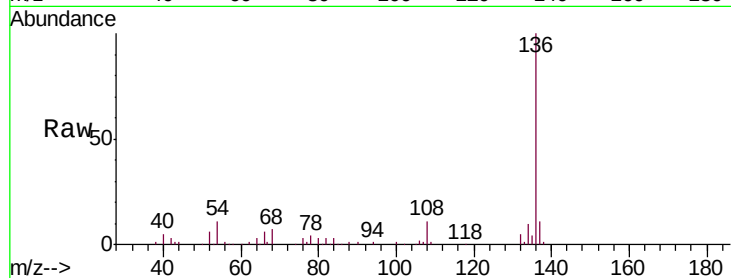
Ion Ratio Lower Upper

136 100

137 11.4 9.6 14.4

54 11.3 7.9 11.9

68 7.0 4.8 7.2

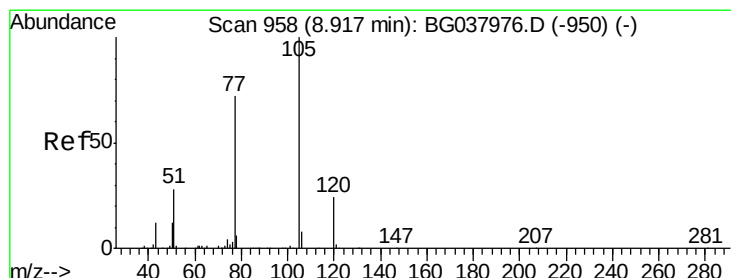
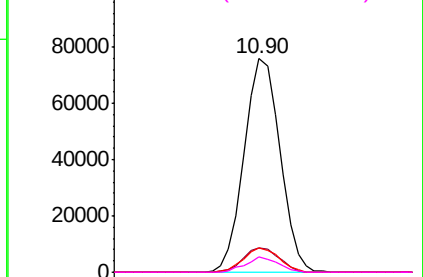


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.757 ng

RT: 8.91 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Tgt Ion:105 Resp: 157074

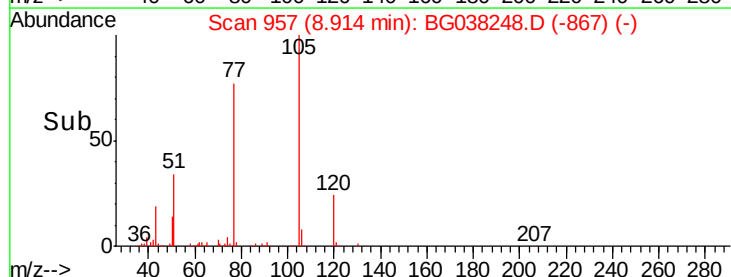
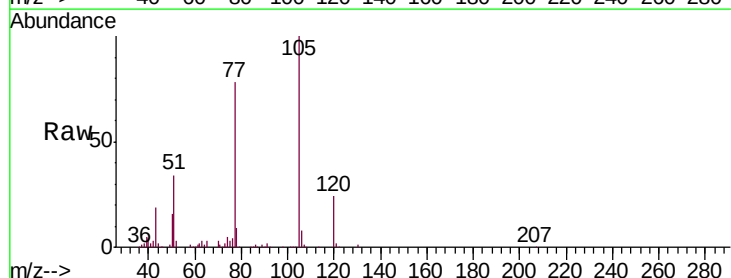
Ion Ratio Lower Upper

105 100

71 0.6 1.2 1.8#

51 34.2 25.0 37.6

120 24.3 18.6 28.0

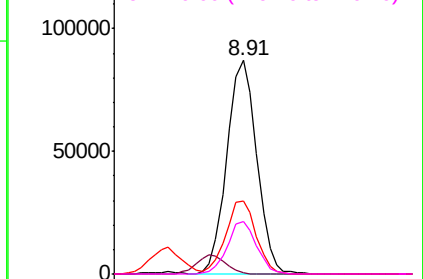


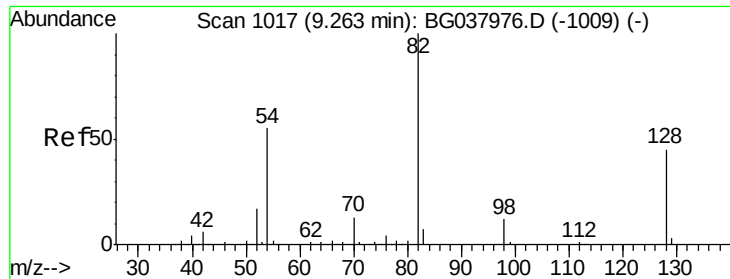
Abundance Ion 105.00 (104.70 to 105.70): E

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

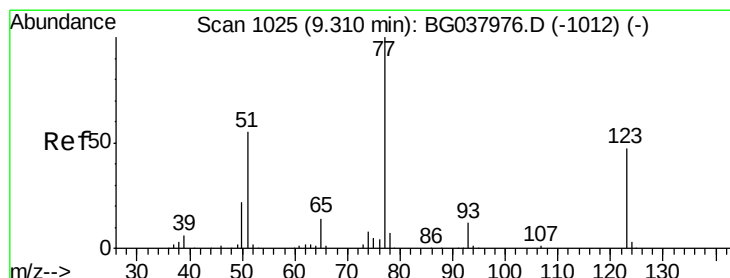
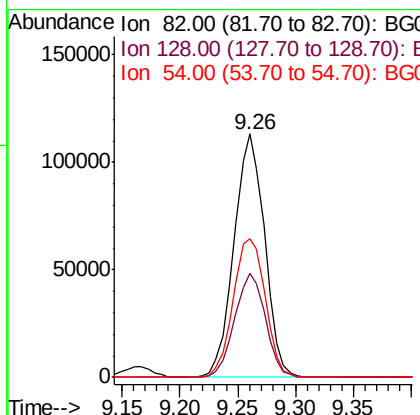
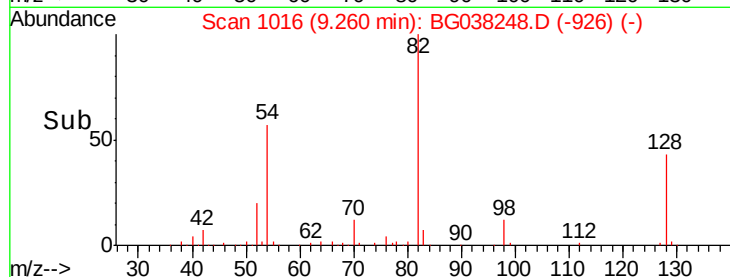
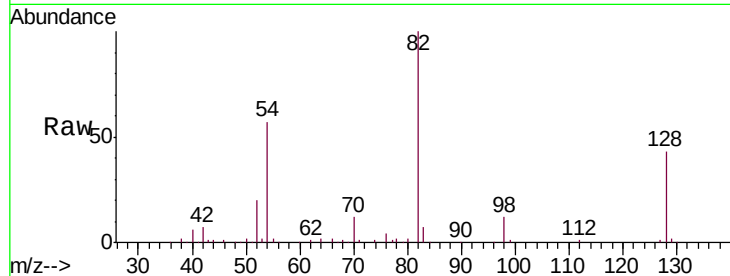




#23
 Nitrobenzene-d5
 Concen: 78.826 ng
 RT: 9.26 min Scan# 1016
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

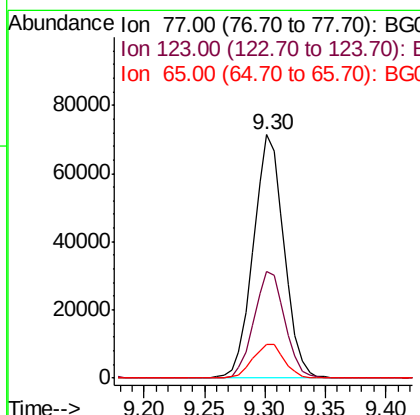
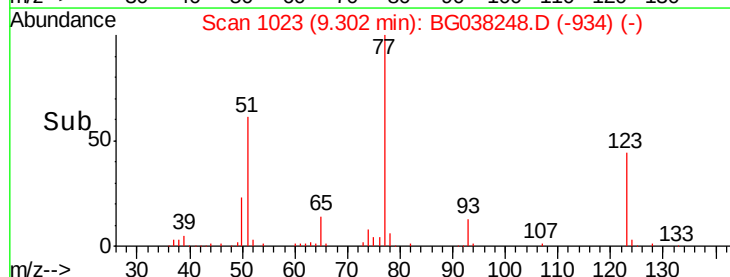
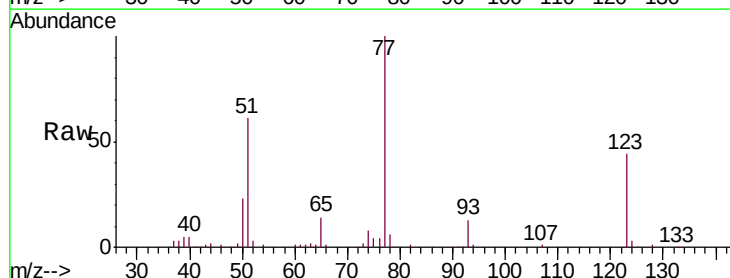
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

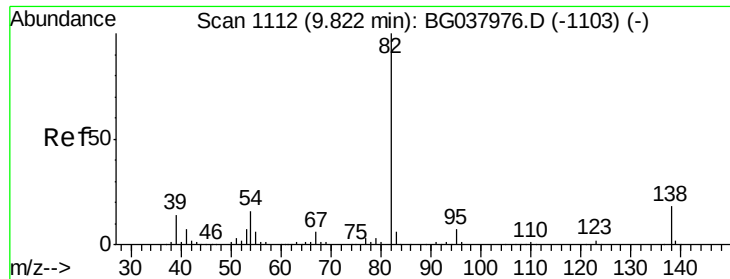
Tgt Ion: 82 Resp: 207706
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 51.8
 54 57.2 45.3 67.9



#24
 Nitrobenzene
 Concen: 47.077 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion: 77 Resp: 126897
 Ion Ratio Lower Upper
 77 100
 123 43.9 33.6 50.4
 65 13.7 11.3 16.9





#25

Isophorone

Concen: 49.294 ng

RT: 9.81 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

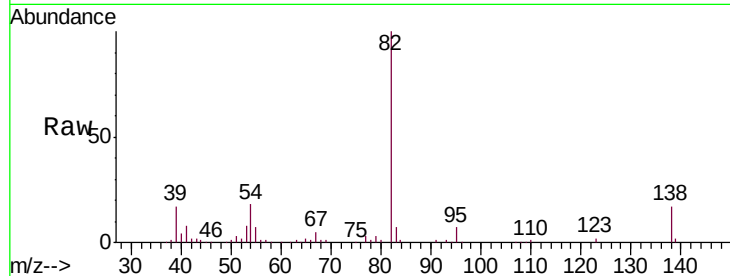
Tgt Ion: 82 Resp: 233789

Ion Ratio Lower Upper

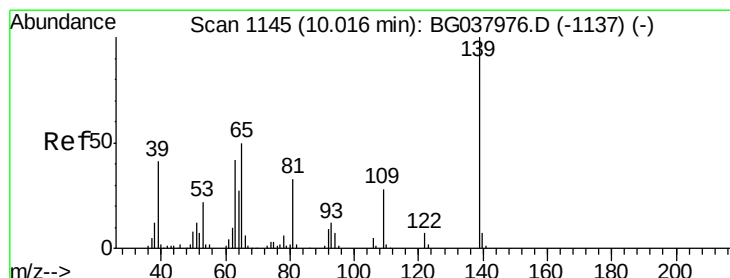
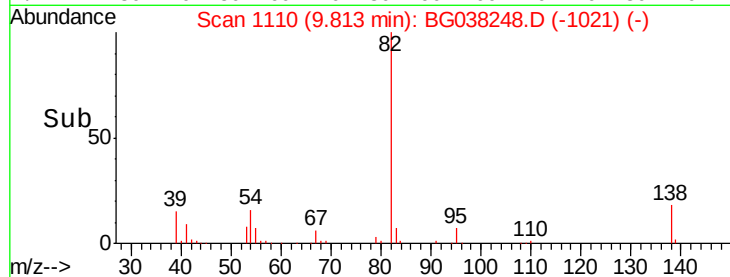
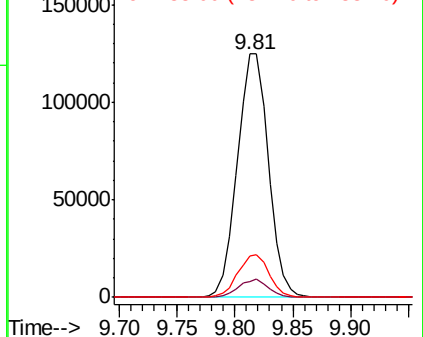
82 100

95 6.5 5.3 7.9

138 17.0 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: 45.783 ng

RT: 10.01 min Scan# 1144

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

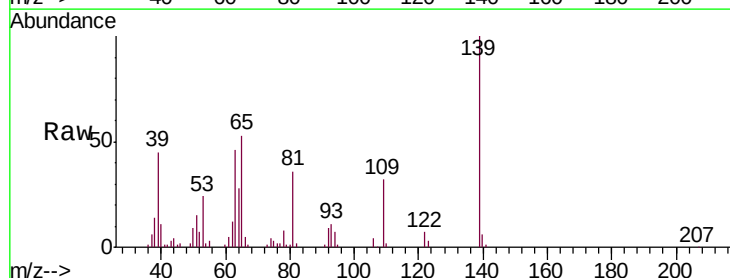
Tgt Ion: 139 Resp: 61608

Ion Ratio Lower Upper

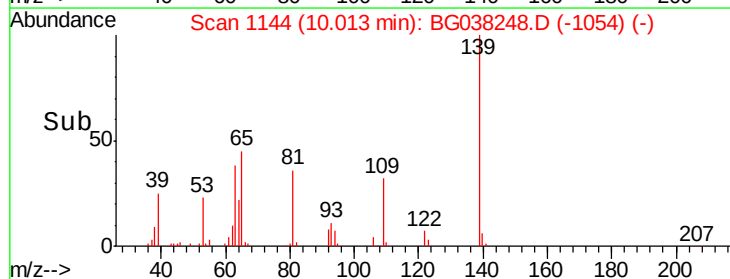
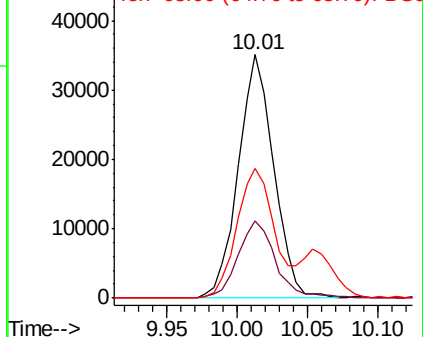
139 100

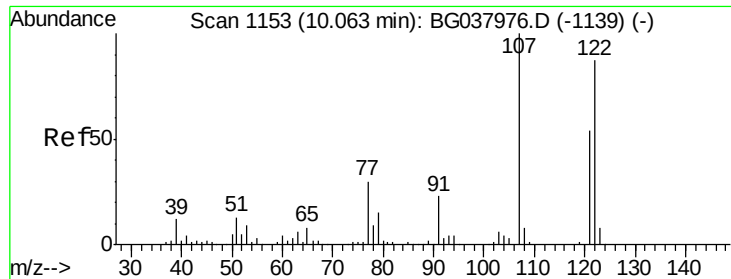
109 31.9 23.3 34.9

65 53.4 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

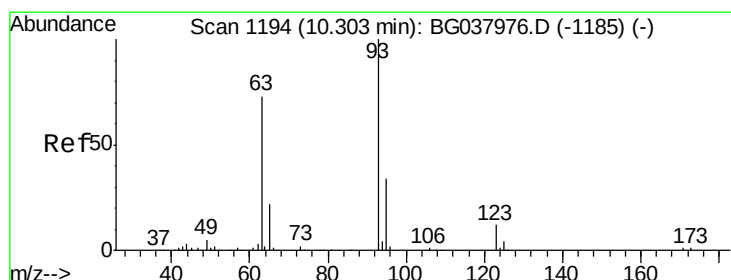
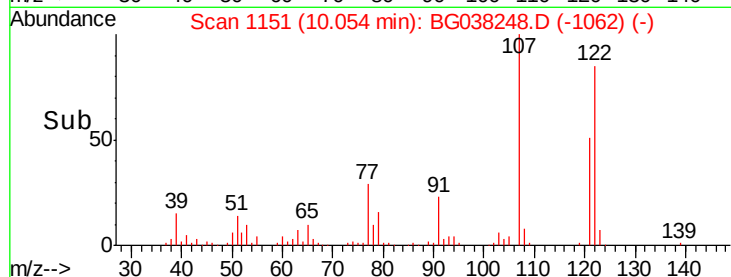
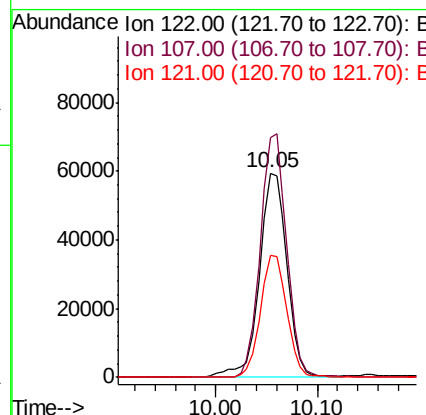
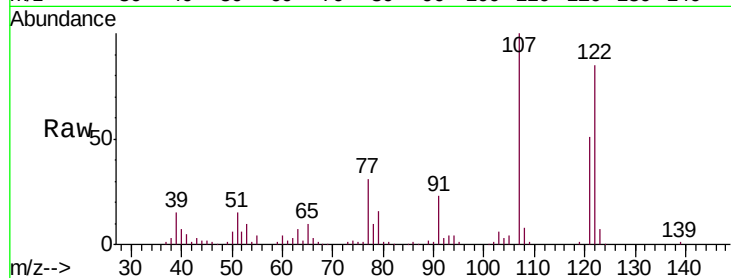




#27
2,4-Dimethylphenol
Concen: 55.345 ng
RT: 10.05 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

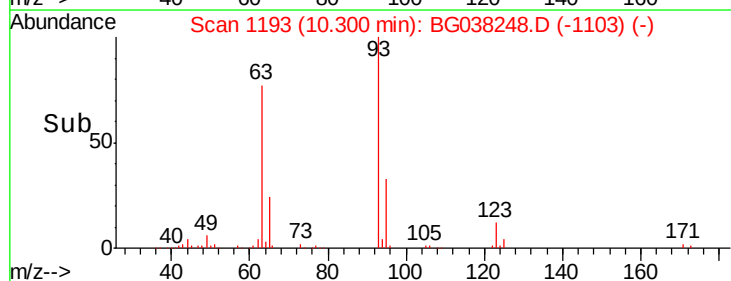
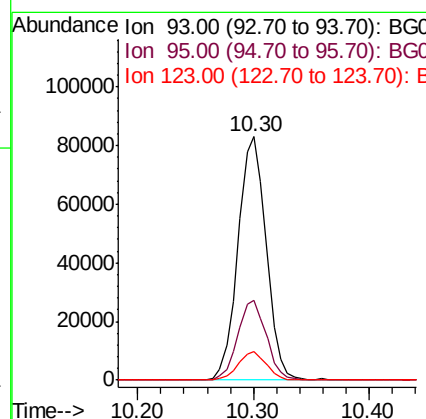
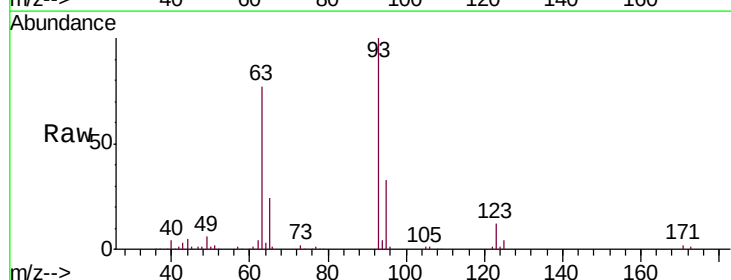
Instrument :
BNA_G
ClientSampleId :
PB115166BS

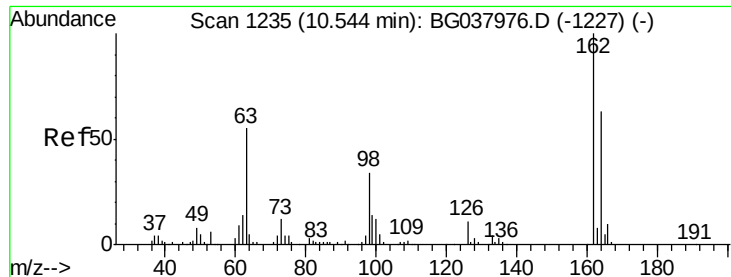
Tgt Ion:122 Resp: 112210
Ion Ratio Lower Upper
122 100
107 117.4 94.2 141.2
121 59.5 47.3 70.9



#28
bis(2-Chloroethoxy)methane
Concen: 46.172 ng
RT: 10.30 min Scan# 1193
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion: 93 Resp: 140027
Ion Ratio Lower Upper
93 100
95 32.6 24.6 37.0
123 12.0 9.1 13.7

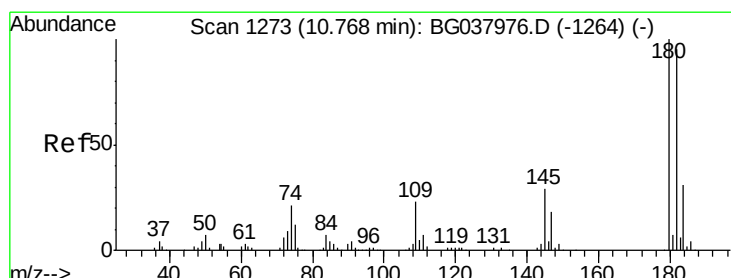
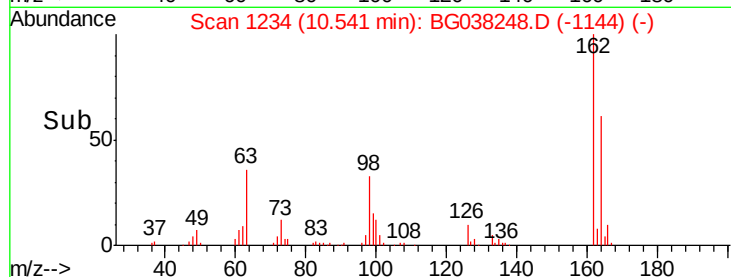
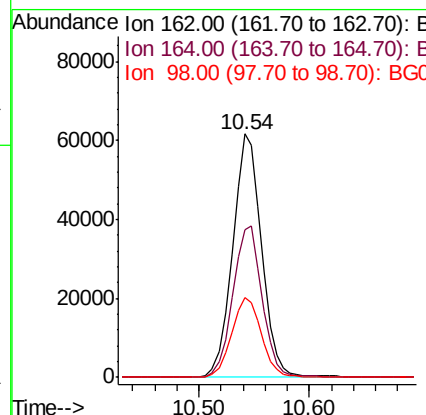
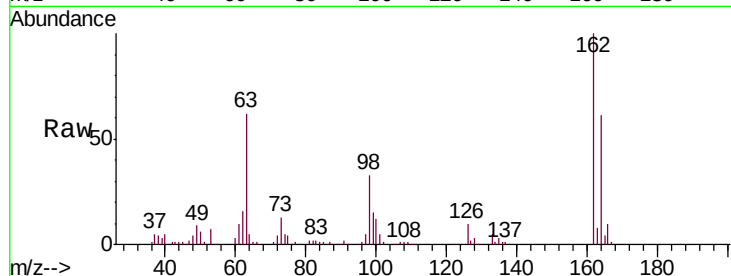




#29
 2,4-Dichlorophenol
 Concen: 49.659 ng
 RT: 10.54 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

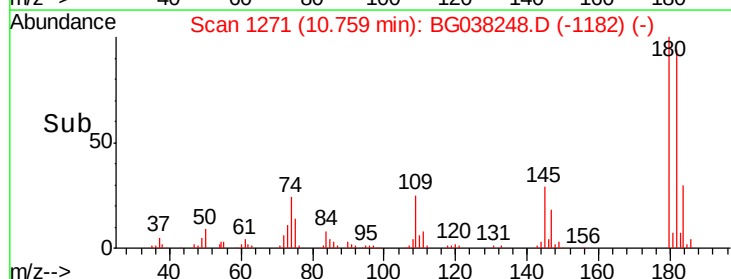
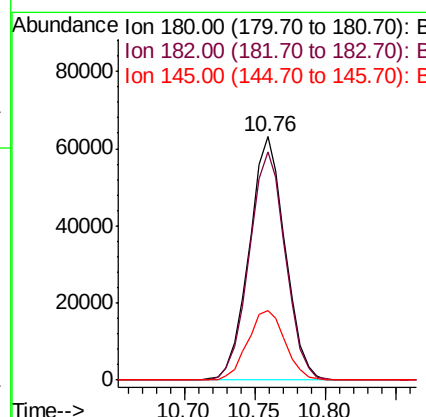
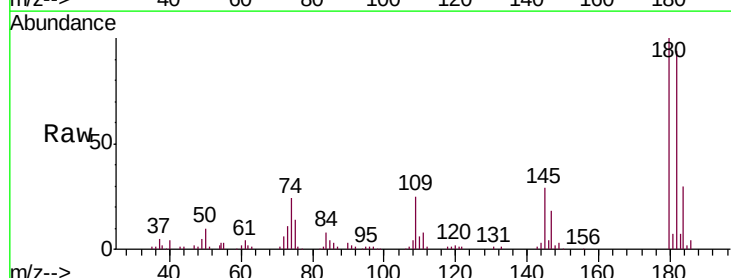
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

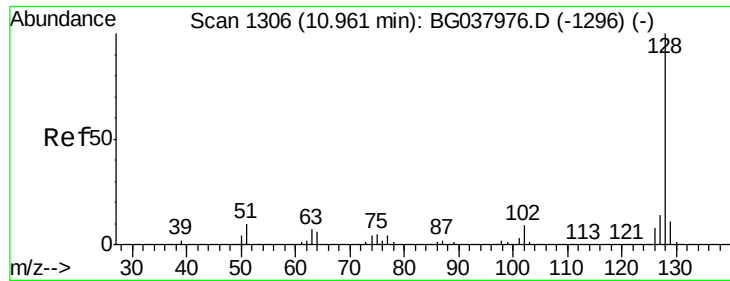
Tgt Ion	Ratio	Lower	Upper
162	100		
164	60.8	43.2	83.2
98	32.8	16.0	56.0



#30
 1,2,4-Trichlorobenzene
 Concen: 43.930 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	77.7	116.5
145	28.5	23.3	34.9

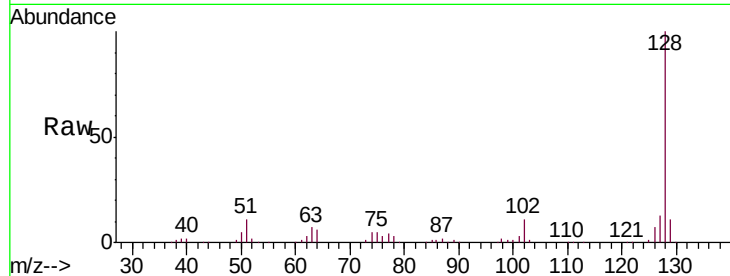




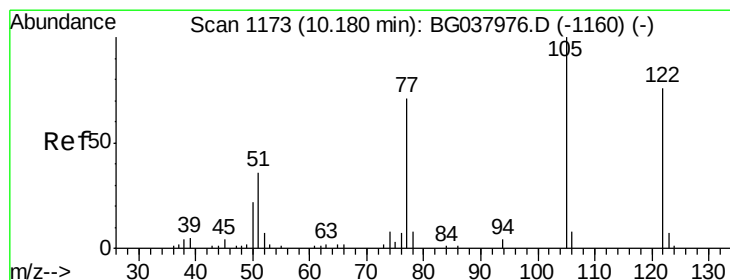
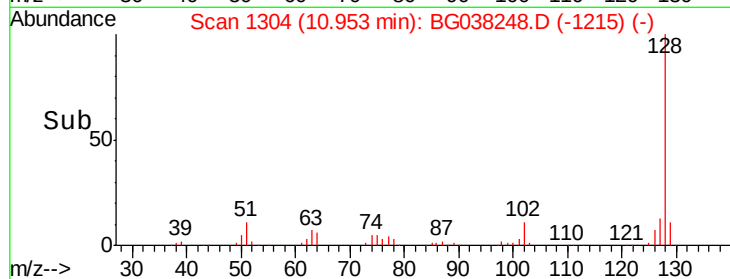
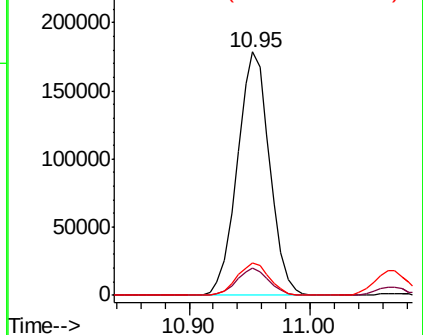
#31
Naphthalene
Concen: 47.743 ng
RT: 10.95 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tgt Ion:128 Resp: 331221
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 11.1 16.7

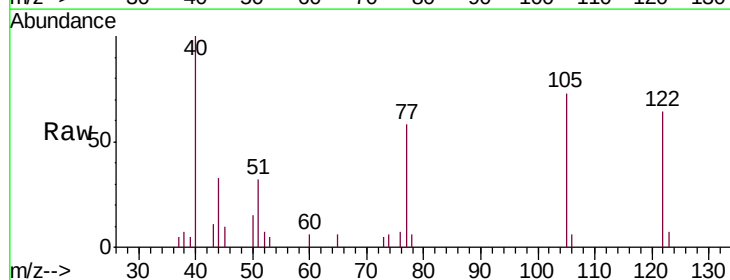


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

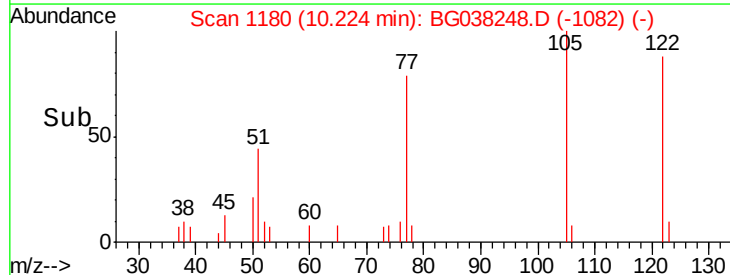
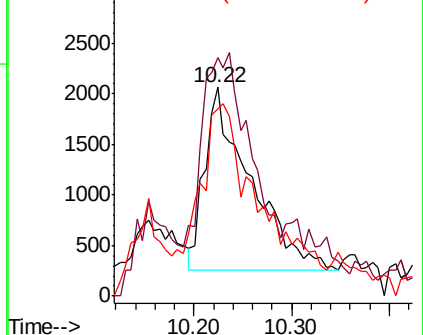


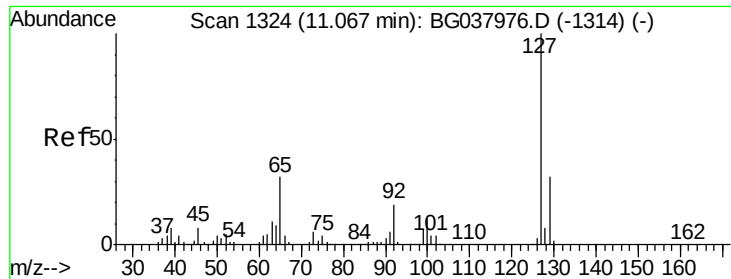
#32
Benzoic acid
Concen: 15.667 ng
RT: 10.22 min Scan# 1180
Delta R.T. 0.04 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:122 Resp: 5858
Ion Ratio Lower Upper
122 100
105 114.1 106.7 146.7
77 89.8 72.2 112.2



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

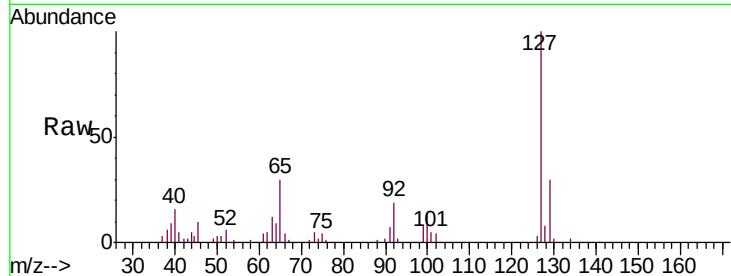




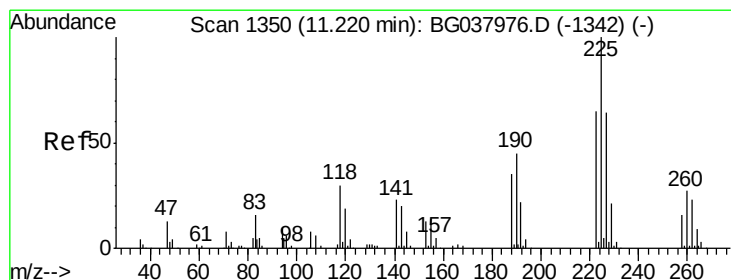
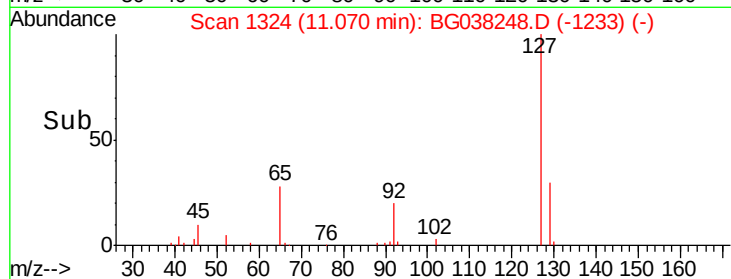
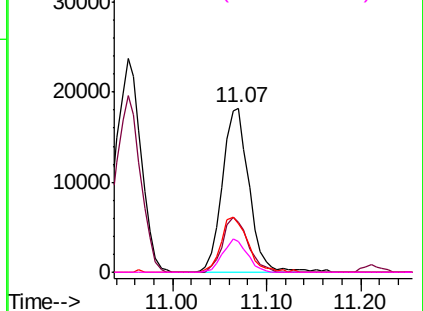
#33
4-Chloroaniline
Concen: 11.195 ng
RT: 11.07 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tgt Ion:	127	Resp:	36127
Ion	Ratio	Lower	Upper
127	100		
129	30.3	27.1	40.7
65	30.0	26.6	39.8
92	18.9	16.4	24.6

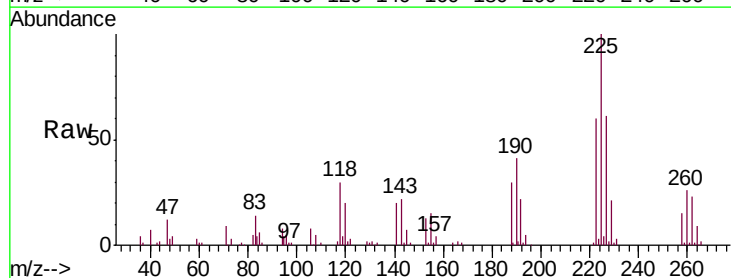


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

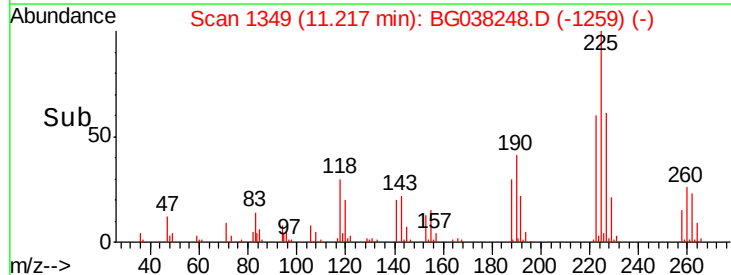
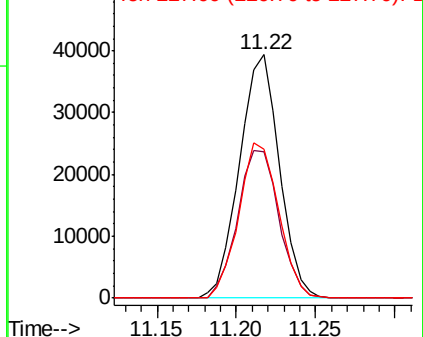


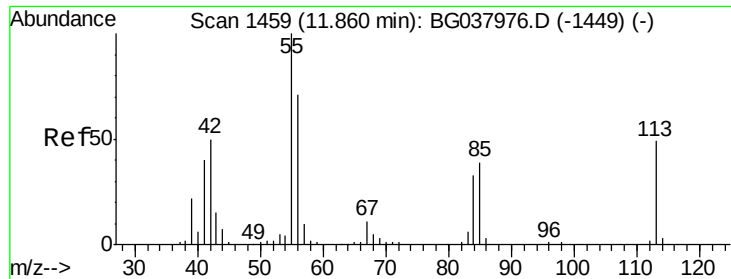
#34
Hexachlorobutadiene
Concen: 43.756 ng
RT: 11.22 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:	225	Resp:	68820
Ion	Ratio	Lower	Upper
225	100		
223	61.0	48.2	72.4
227	61.5	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

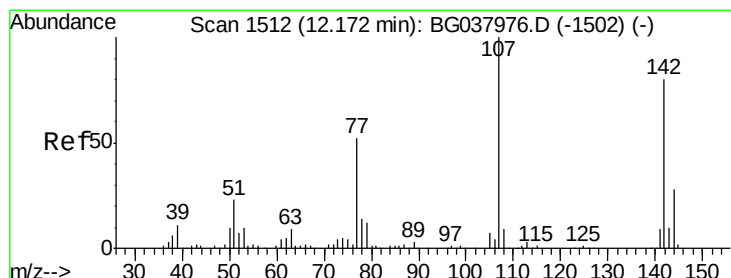
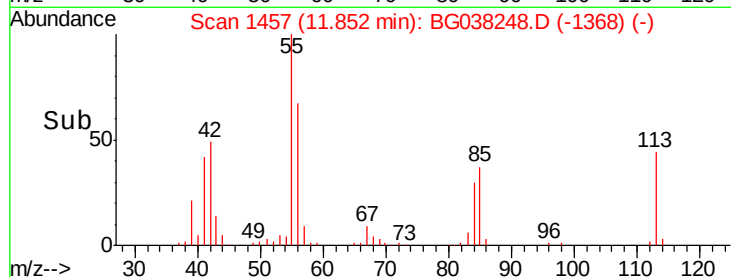
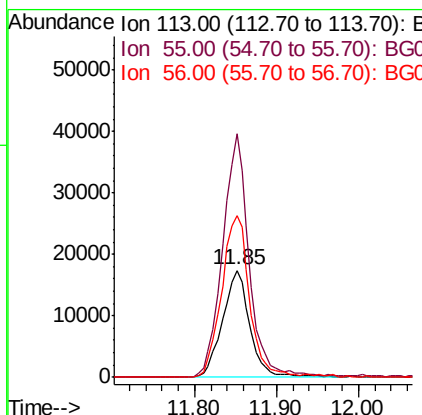
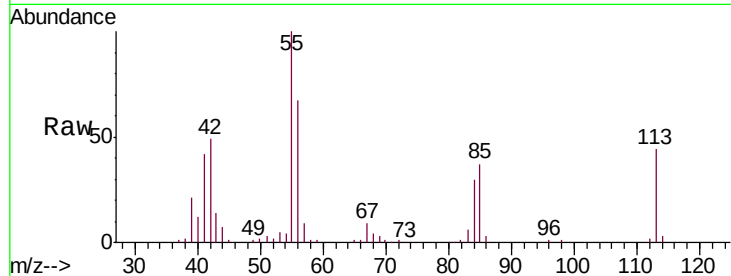




#35
 Caprolactam
 Concen: 44.333 ng
 RT: 11.85 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

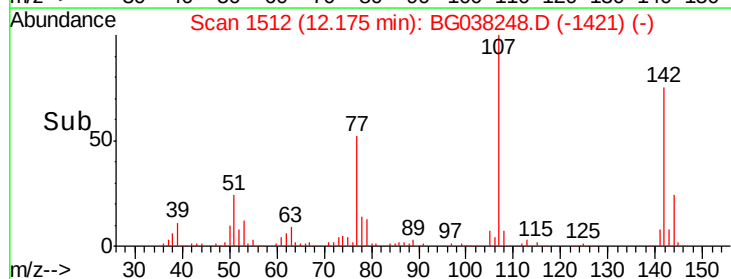
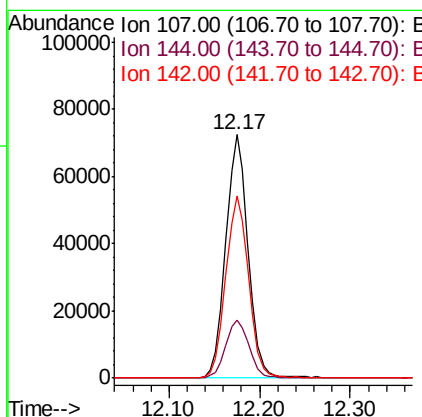
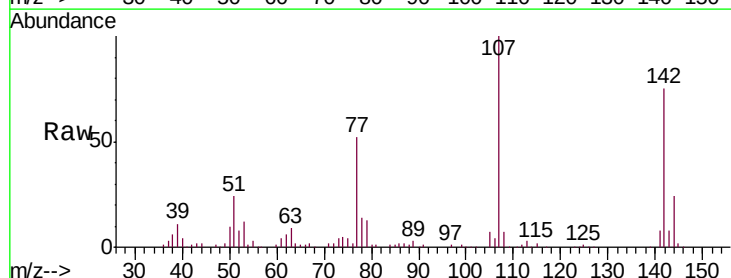
Instrument :
 BNA_G
 ClientSampleID :
 PB115166BS

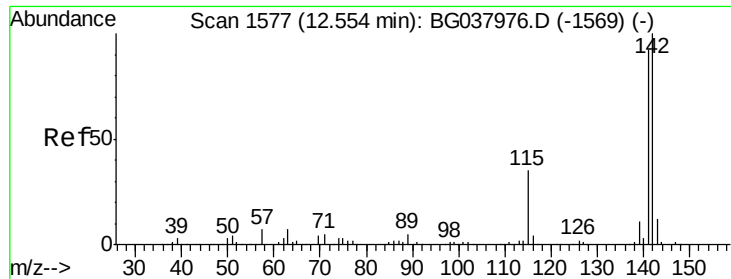
Tgt Ion:113 Resp: 40468
 Ion Ratio Lower Upper
 113 100
 55 227.7 176.6 216.6#
 56 151.8 128.3 168.3



#36
 4-Chloro-3-methylphenol
 Concen: 49.830 ng
 RT: 12.17 min Scan# 1512
 Delta R.T. 0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion:107 Resp: 124150
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.7 31.1
 142 74.7 64.4 96.6

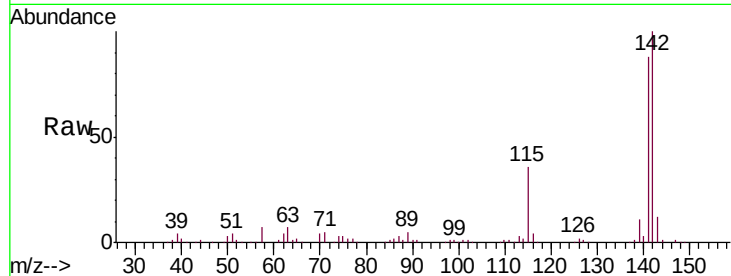




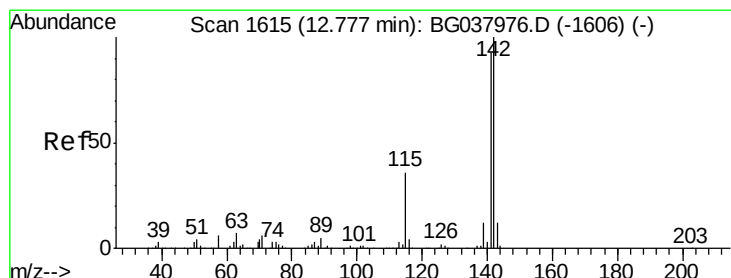
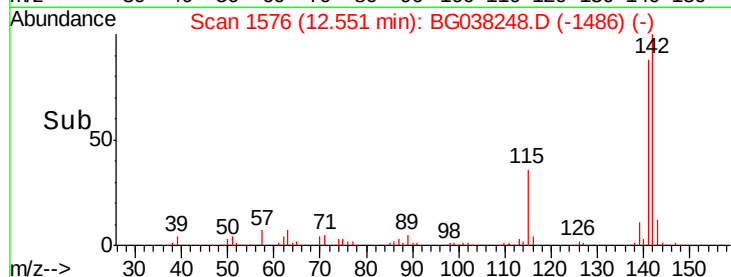
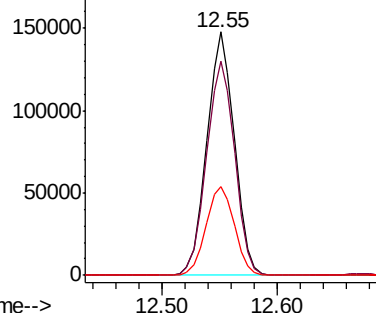
#37
 2-Methylnaphthalene
 Concen: 48.670 ng
 RT: 12.55 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.9	107.9
115	36.3	27.8	41.8

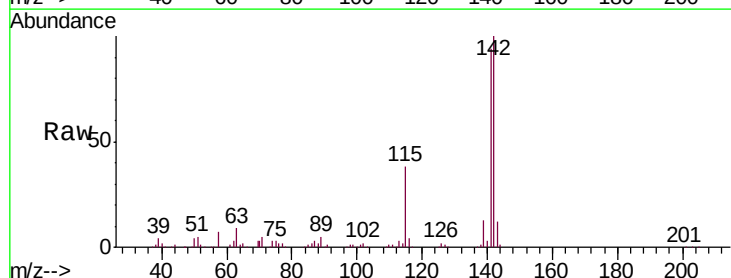


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

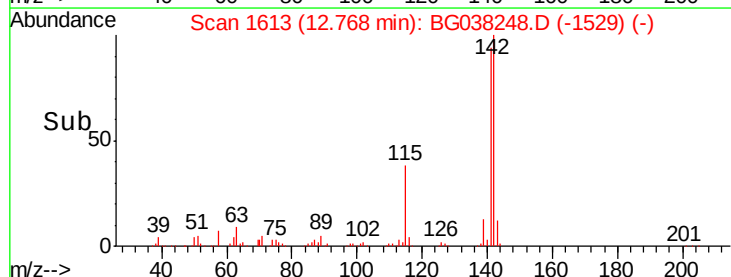
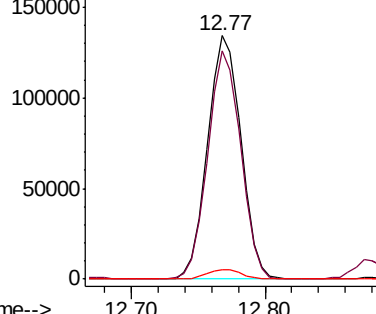


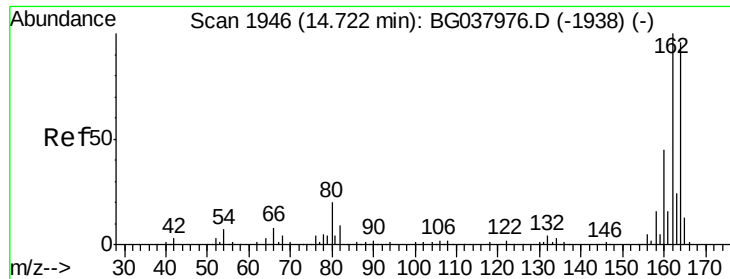
#38
 1-Methylnaphthalene
 Concen: 48.321 ng
 RT: 12.77 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	75.2	112.8
116	4.0	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: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

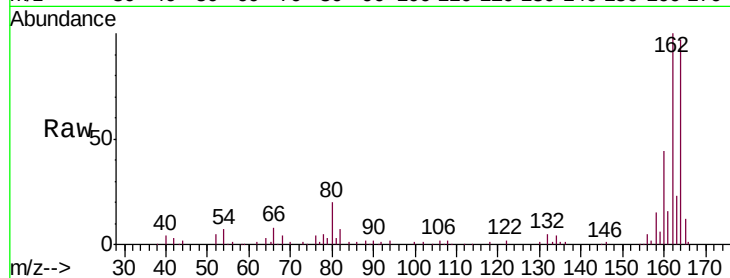
Tgt Ion:164 Resp: 86070

Ion Ratio Lower Upper

164 100

162 103.5 81.3 121.9

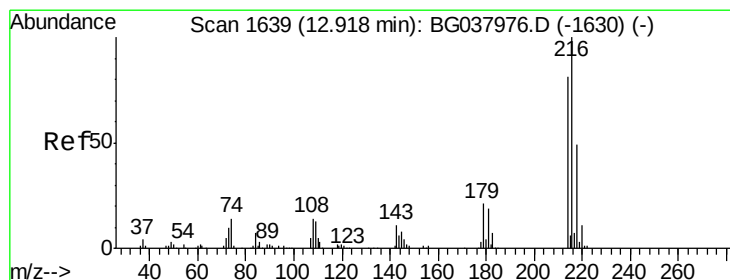
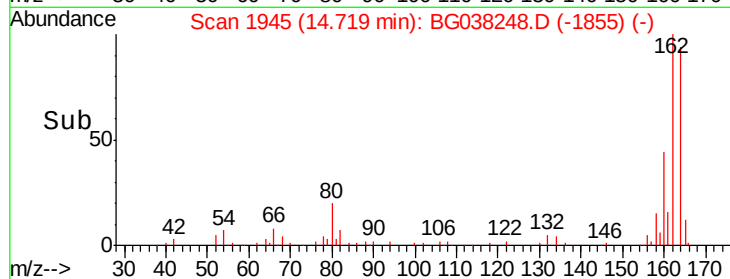
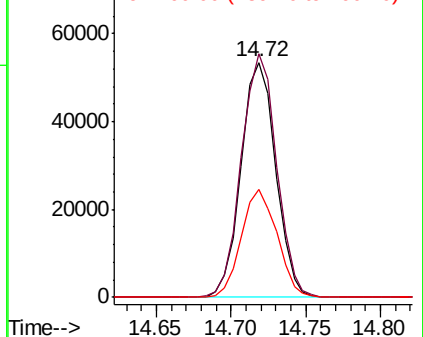
160 45.8 36.3 54.5



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: 44.469 ng

RT: 12.91 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Tgt Ion:216 Resp: 127897

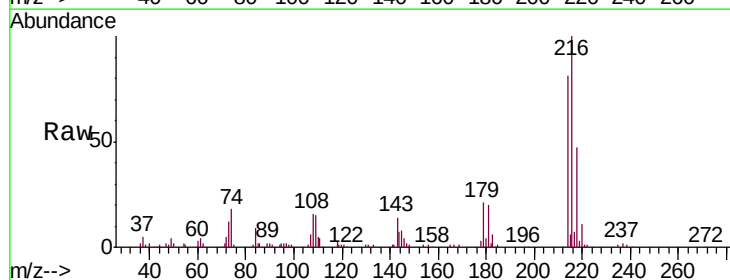
Ion Ratio Lower Upper

216 100

214 79.7 63.8 95.6

179 21.1 17.4 26.0

108 19.7 13.9 20.9

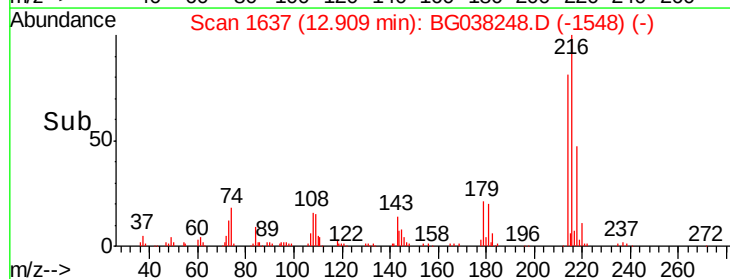
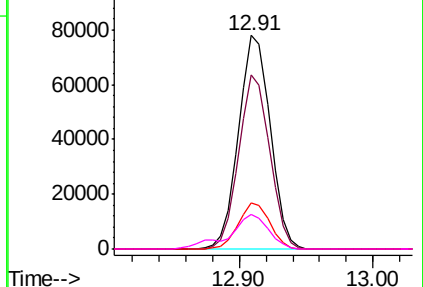


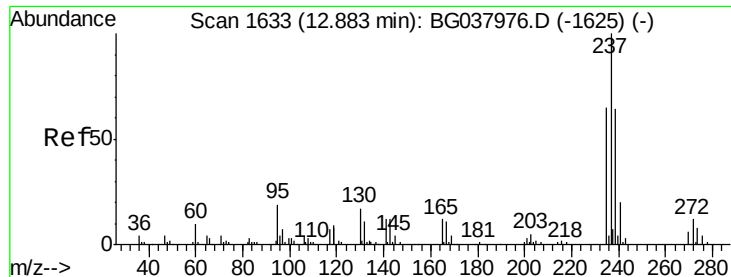
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.294 ng

RT: 12.88 min Scan# 1632

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

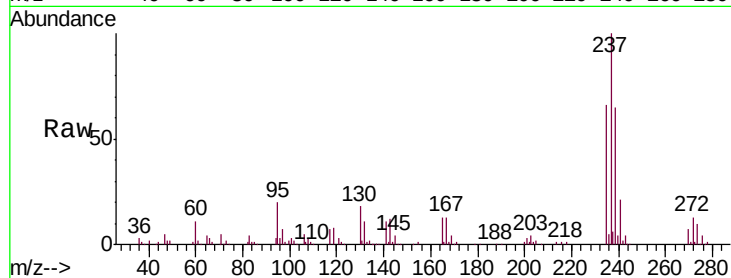
Tgt Ion:237 Resp: 146759

Ion Ratio Lower Upper

237 100

235 66.4 42.5 82.5

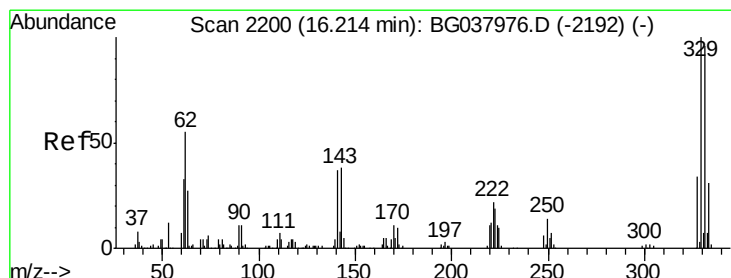
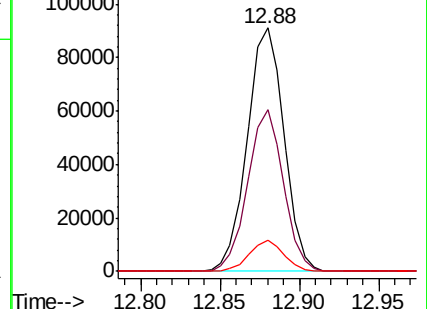
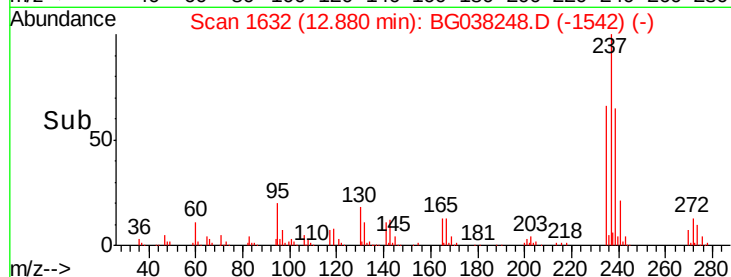
272 12.6 0.0 31.6



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: 102.838 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

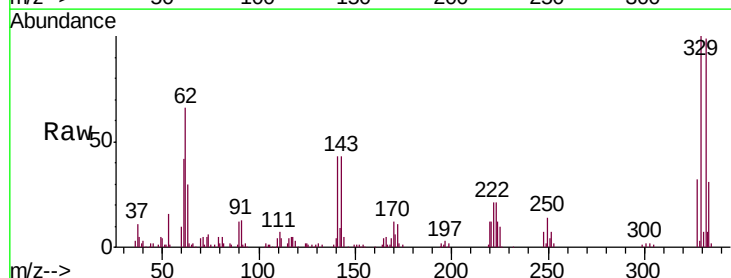
Tgt Ion:330 Resp: 100947

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

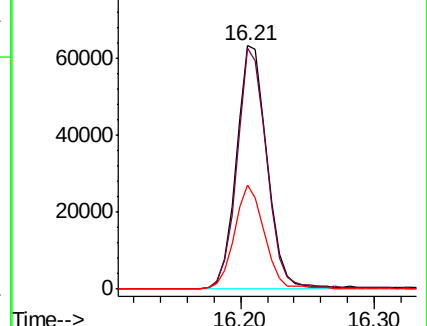
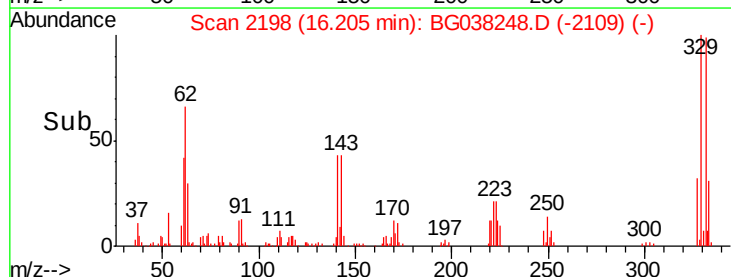
141 42.1 32.2 48.2

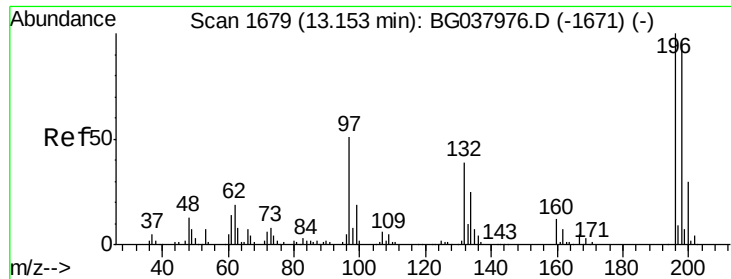


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

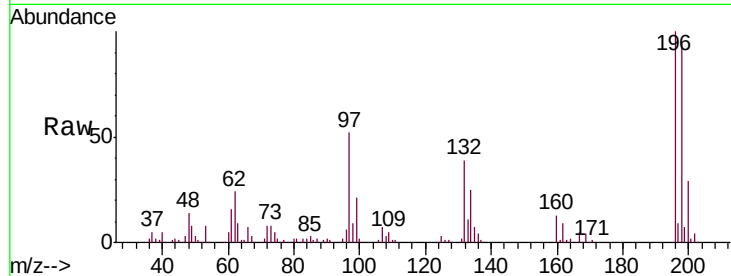




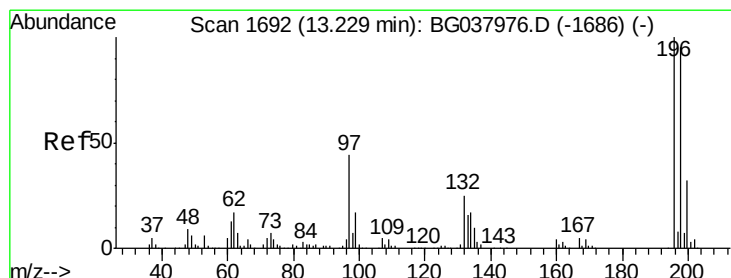
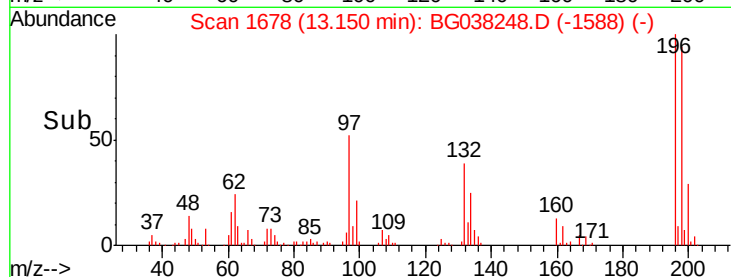
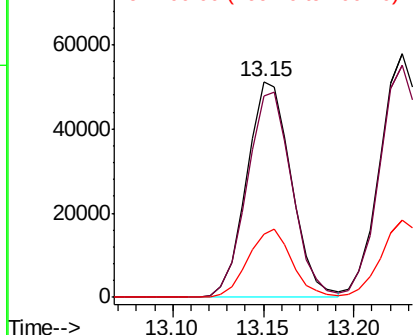
#43
 2,4,6-Trichlorophenol
 Concen: 44.657 ng
 RT: 13.15 min Scan# 1678
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion:196 Resp: 87522
 Ion Ratio Lower Upper
 196 100
 198 93.7 76.4 114.6
 200 29.5 24.9 37.3

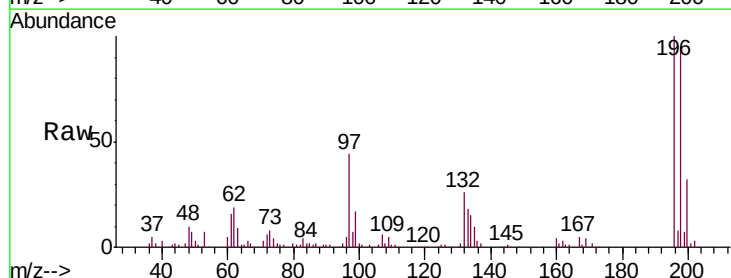


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

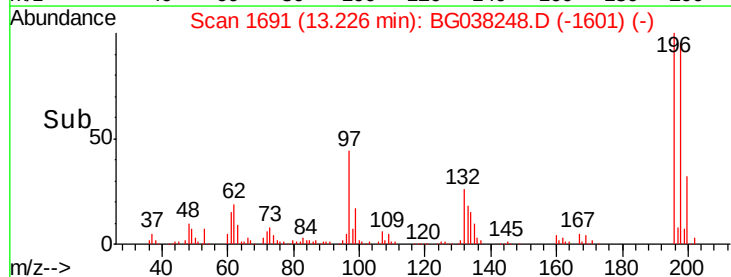
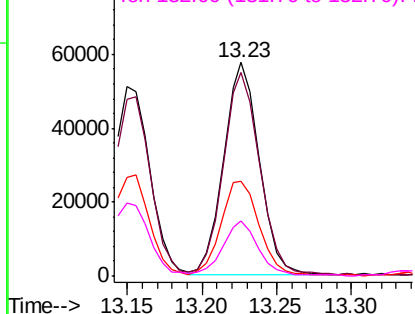


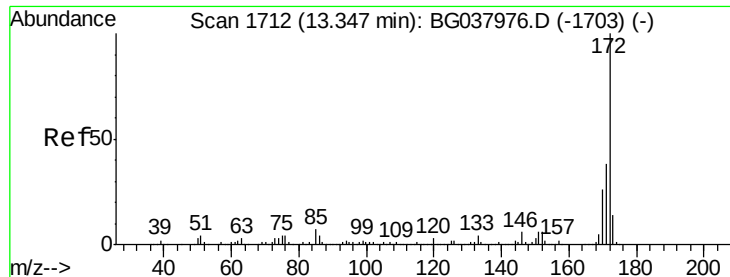
#44
 2,4,5-Trichlorophenol
 Concen: 46.554 ng
 RT: 13.23 min Scan# 1691
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion:196 Resp: 96000
 Ion Ratio Lower Upper
 196 100
 198 95.2 74.2 111.2
 97 44.3 34.1 51.1
 132 25.9 20.2 30.4



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

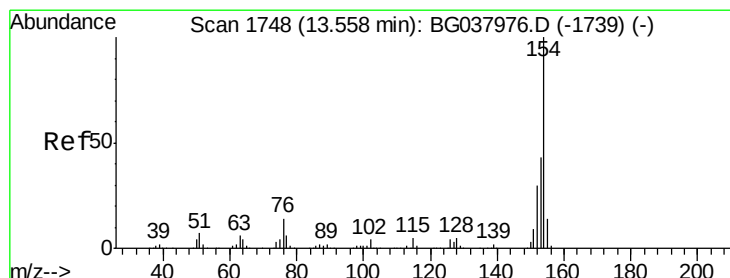
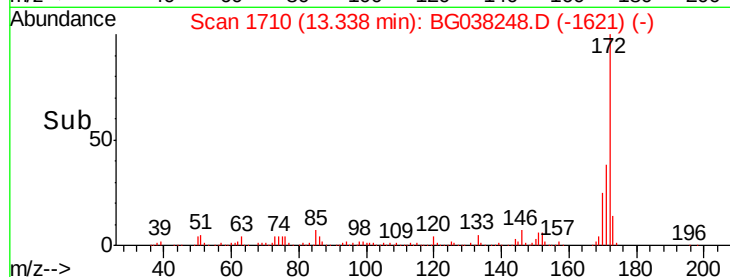
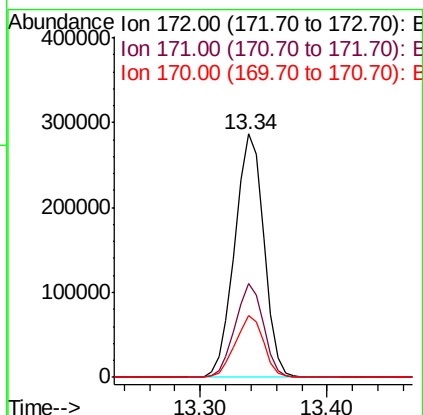
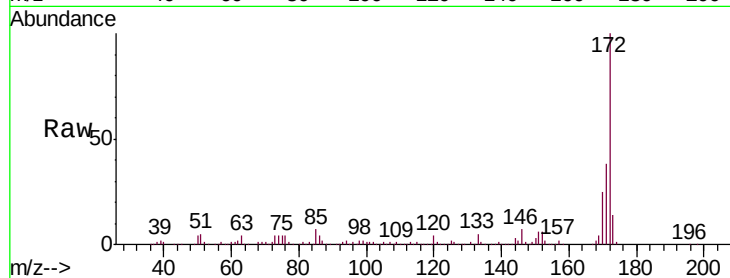




#45
 2-Fluorobiphenyl
 Concen: 76.877 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

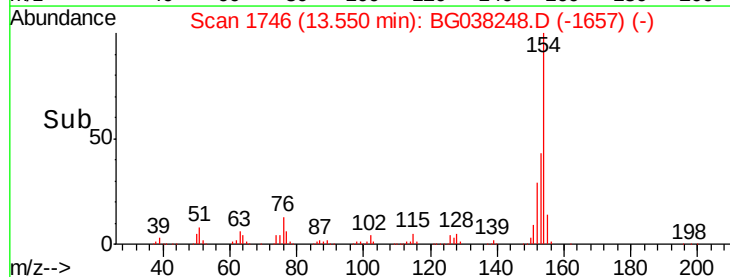
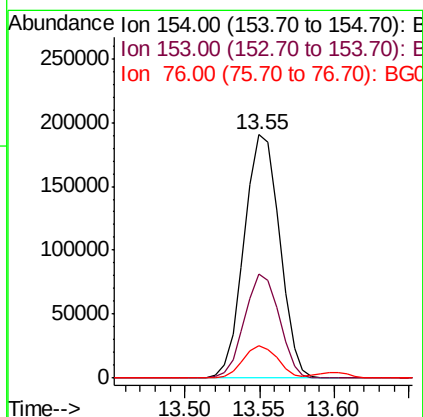
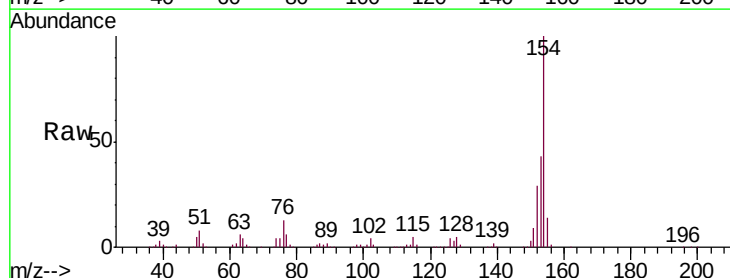
Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

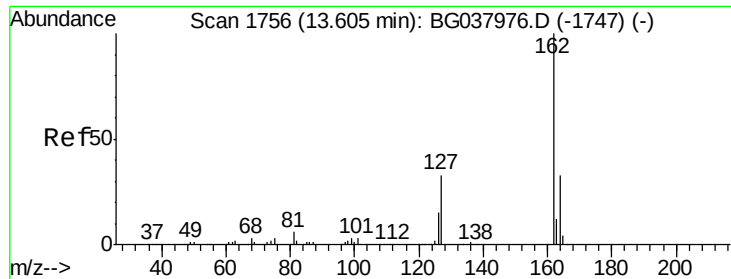
Tgt Ion:172 Resp: 454186
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 25.3 20.2 30.2



#46
 1,1'-Biphenyl
 Concen: 43.342 ng
 RT: 13.55 min Scan# 1746
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion:154 Resp: 313398
 Ion Ratio Lower Upper
 154 100
 153 42.5 22.1 62.1
 76 13.4 0.0 33.2

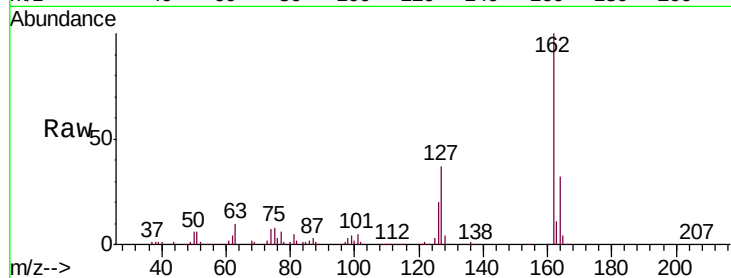




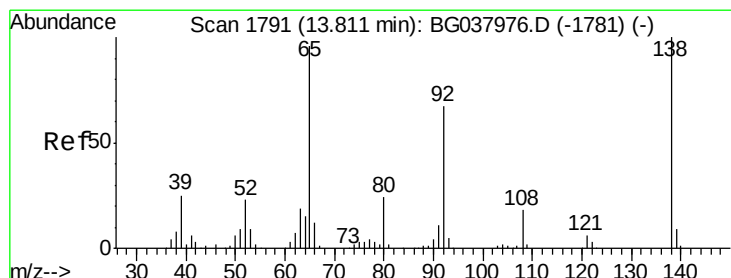
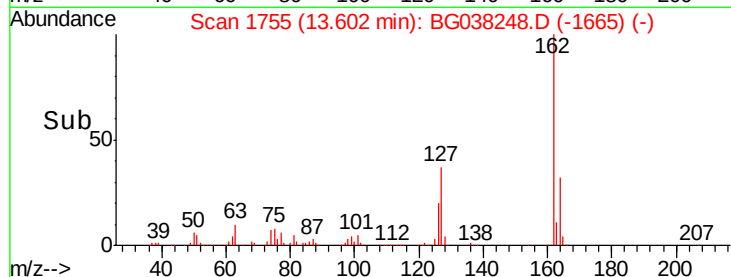
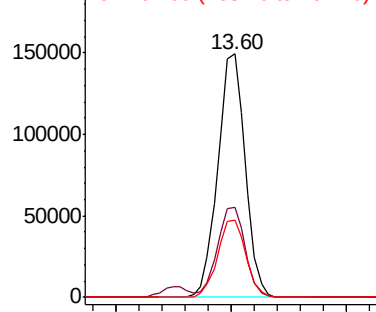
#47
 2-Chloronaphthalene
 Concen: 44.765 ng
 RT: 13.60 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion: 162 Resp: 247003
 Ion Ratio Lower Upper
 162 100
 127 37.0 30.5 45.7
 164 31.9 26.4 39.6

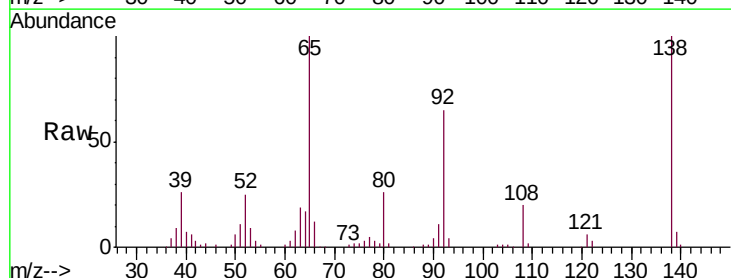


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

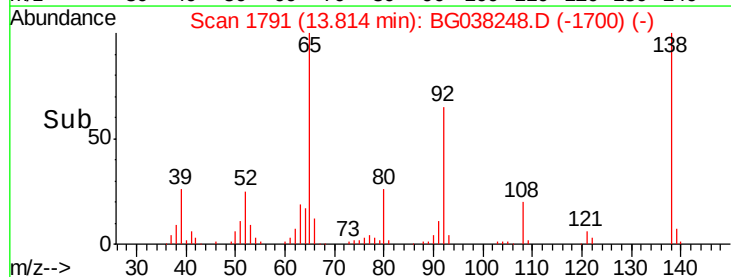
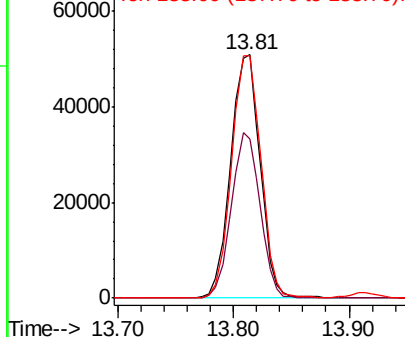


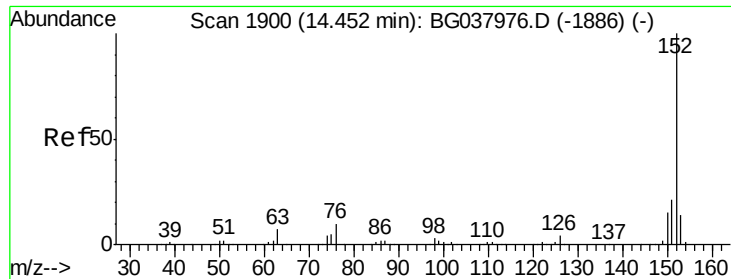
#48
 2-Nitroaniline
 Concen: 51.857 ng
 RT: 13.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion: 65 Resp: 90054
 Ion Ratio Lower Upper
 65 100
 92 65.4 53.2 79.8
 138 99.7 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: 49.309 ng

RT: 14.44 min Scan# 1898

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

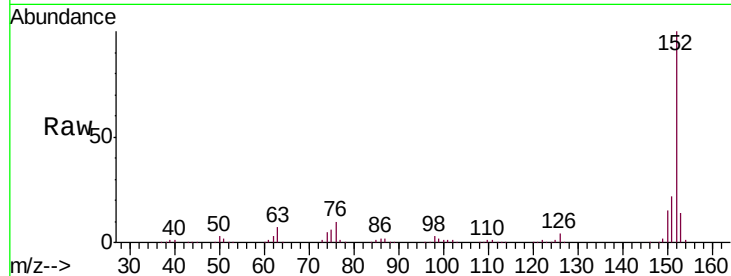
Tgt Ion:152 Resp: 409140

Ion Ratio Lower Upper

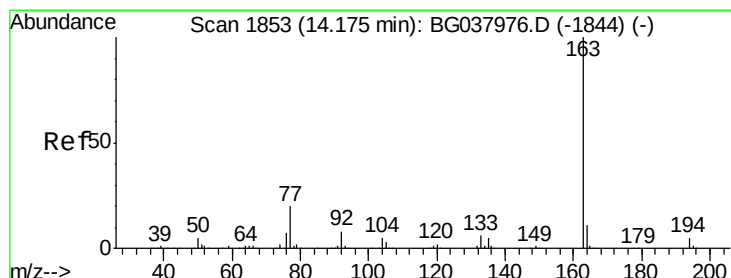
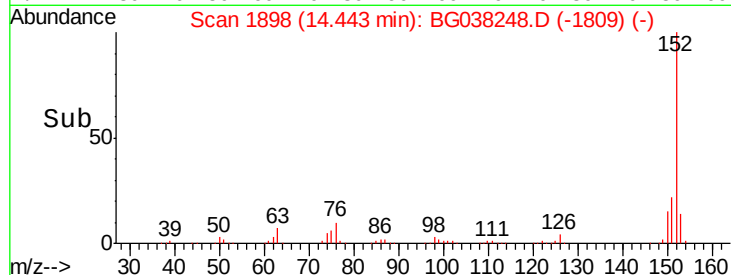
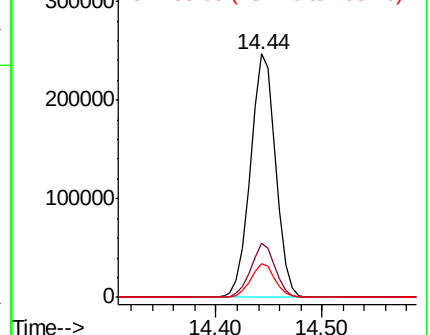
152 100

151 22.1 17.1 25.7

153 13.7 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: 46.529 ng

RT: 14.17 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

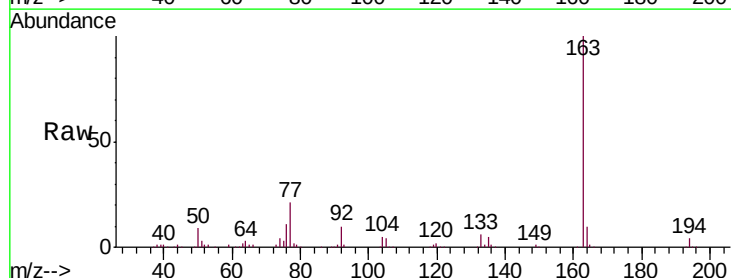
Tgt Ion:163 Resp: 317484

Ion Ratio Lower Upper

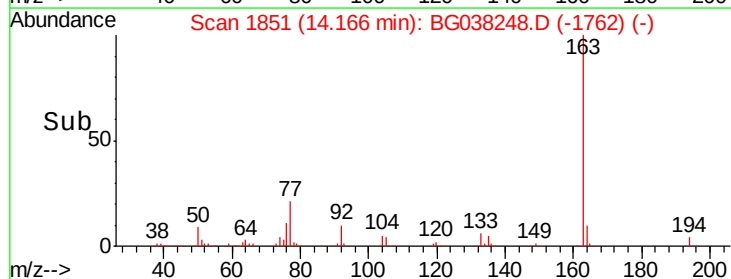
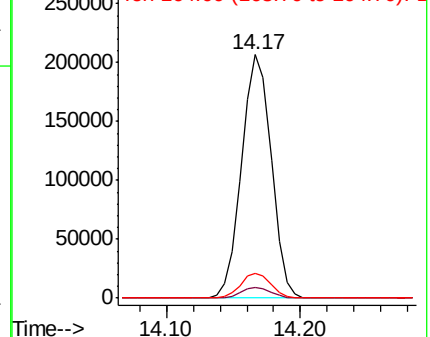
163 100

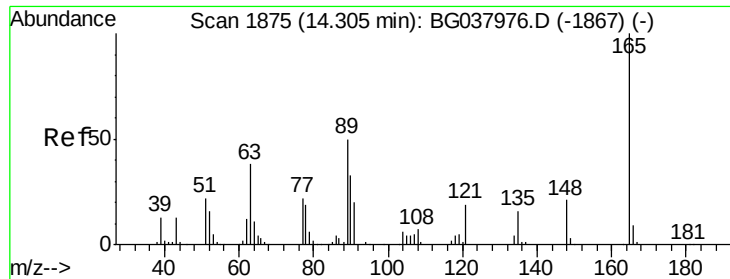
194 4.2 3.5 5.3

164 10.3 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

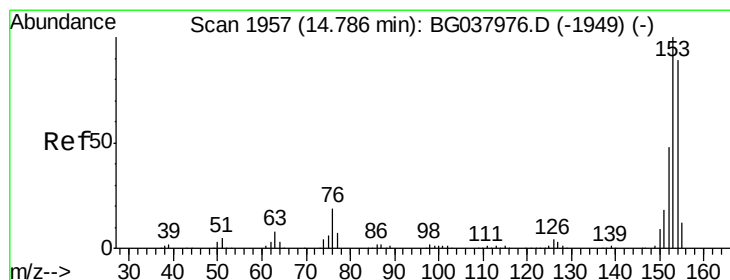
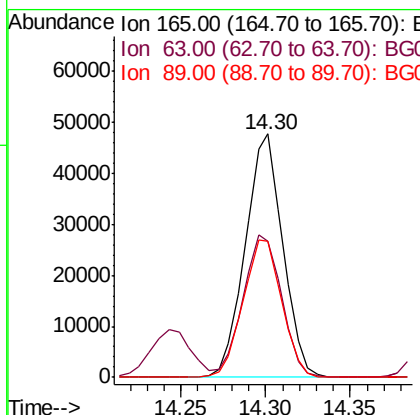
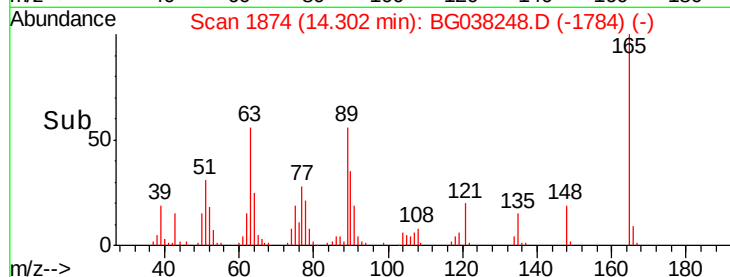
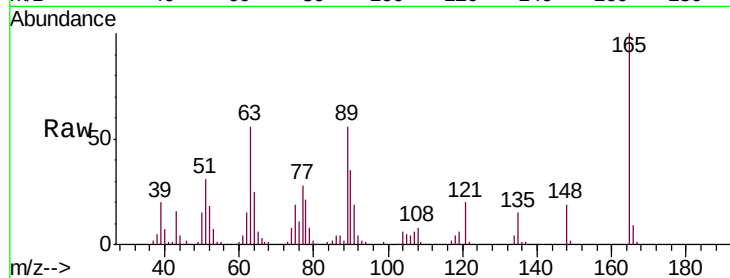




#51
2,6-Dinitrotoluene
Concen: 47.629 ng
RT: 14.30 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

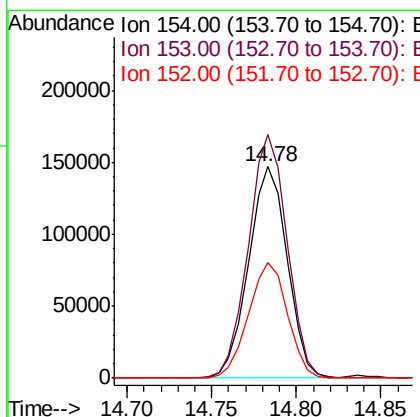
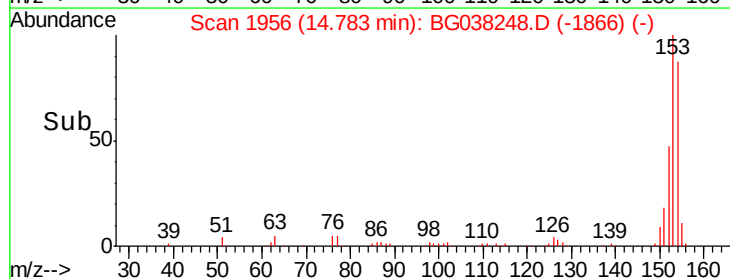
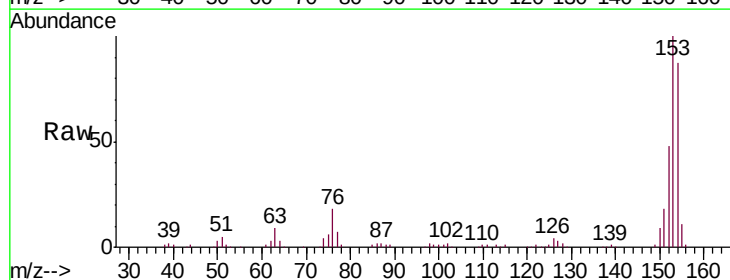
Instrument :
BNA_G
ClientSampleId :
PB115166BS

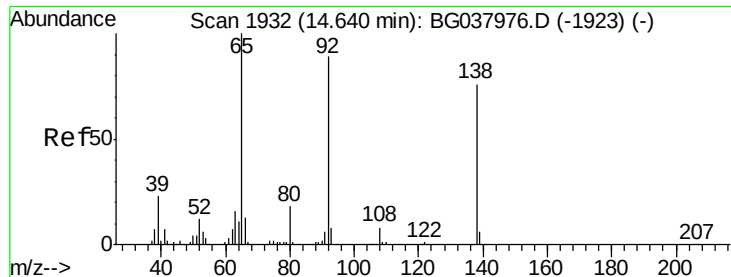
Tgt Ion:165 Resp: 73554
Ion Ratio Lower Upper
165 100
63 56.0 43.4 65.2
89 55.7 45.8 68.6



#52
Acenaphthene
Concen: 47.008 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:154 Resp: 234819
Ion Ratio Lower Upper
154 100
153 115.3 93.4 140.0
152 54.8 44.7 67.1





#53

3-Nitroaniline

Concen: 21.370 ng

RT: 14.63 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

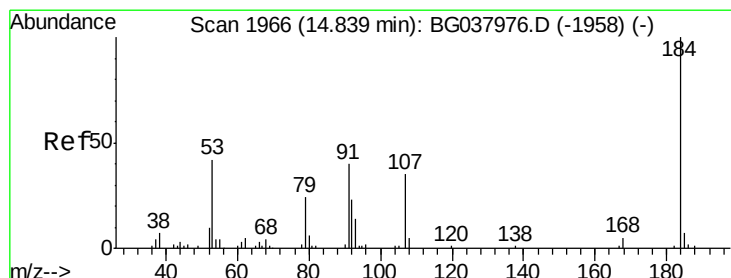
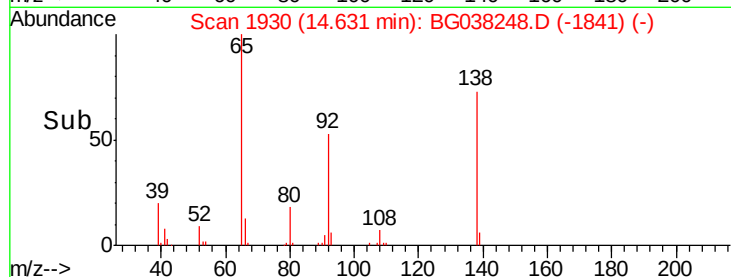
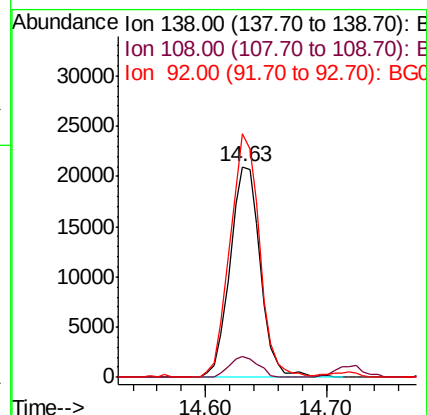
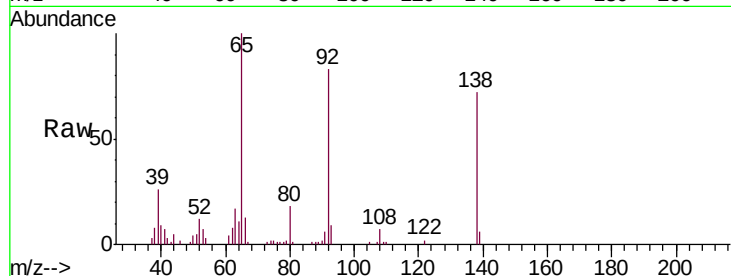
Tgt Ion:138 Resp: 36417

Ion Ratio Lower Upper

138 100

108 10.2 11.0 16.6#

92 115.5 95.2 142.8



#54

2,4-Dinitrophenol

Concen: 14.058 ng

RT: 14.84 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

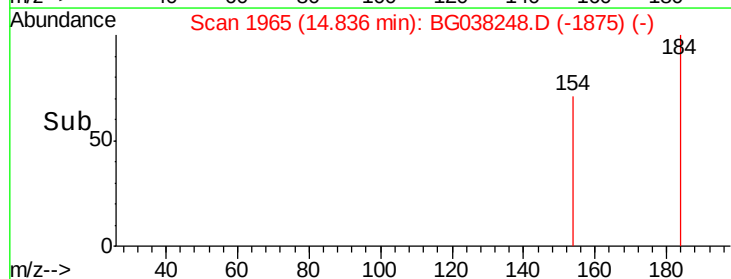
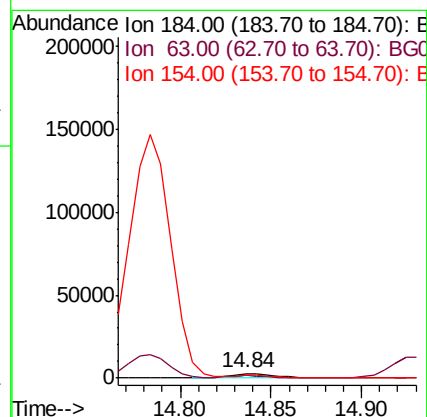
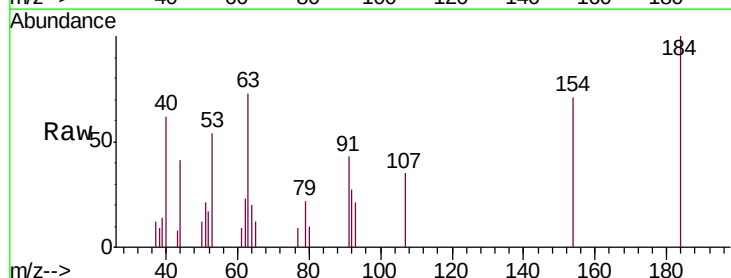
Tgt Ion:184 Resp: 4501

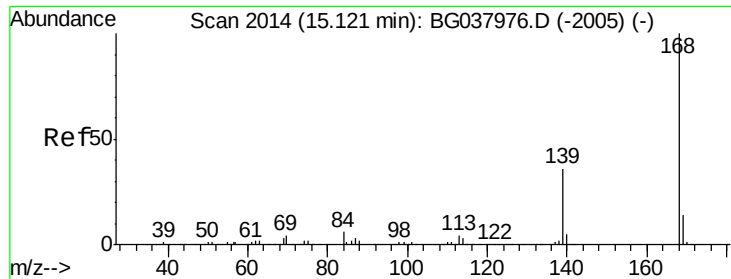
Ion Ratio Lower Upper

184 100

63 72.9 42.6 63.8#

154 70.6 41.8 62.6#

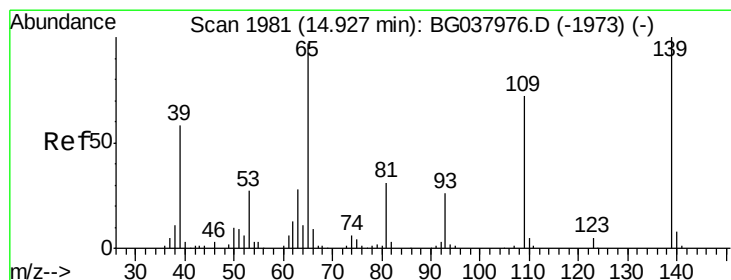
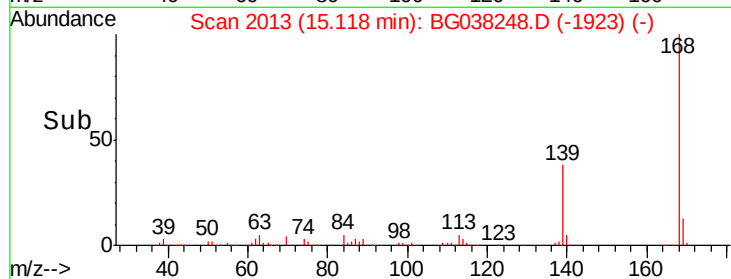
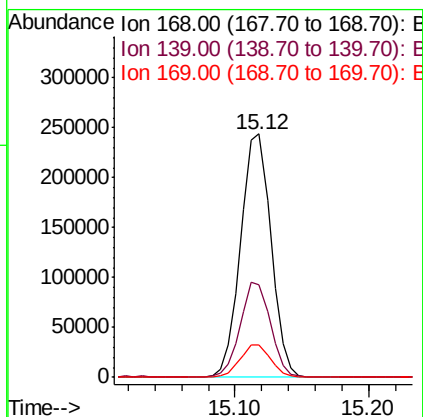
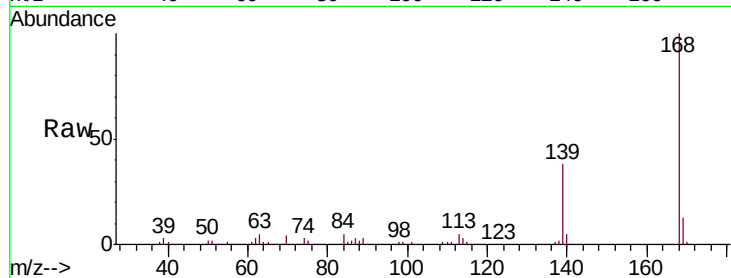




#55
Dibenzenofuran
Concen: 46.581 ng
RT: 15.12 min Scan# 2013
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

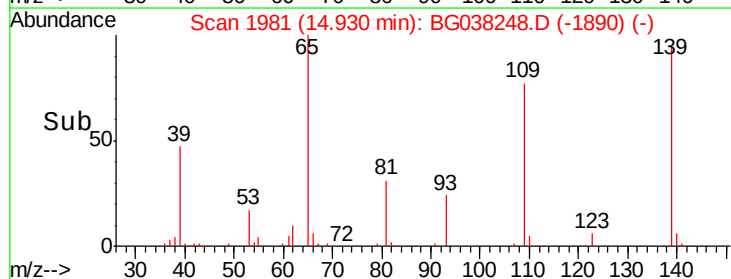
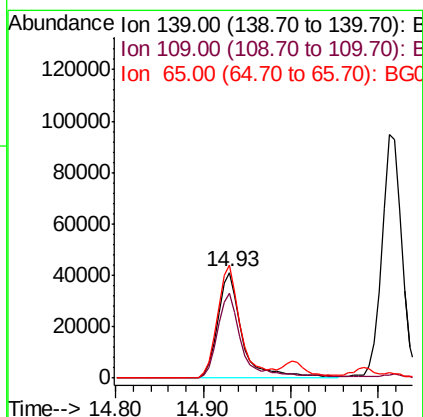
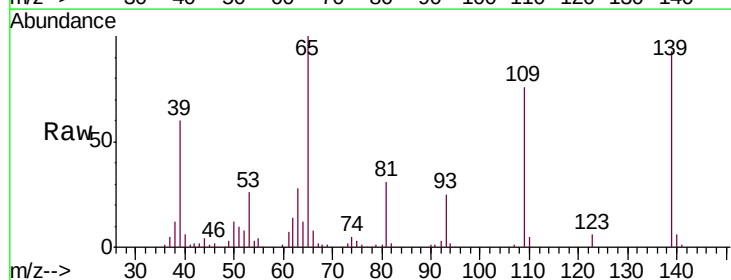
Instrument :
BNA_G
ClientSampleId :
PB115166BS

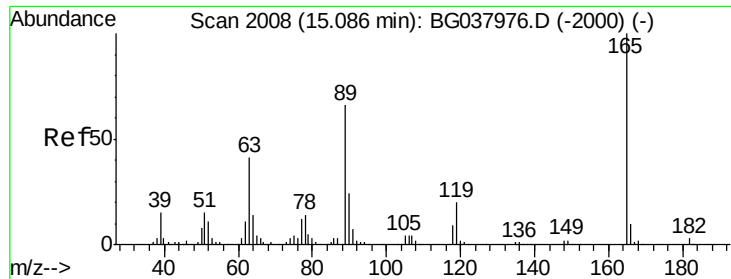
Tgt Ion:168 Resp: 384758
Ion Ratio Lower Upper
168 100
139 38.0 29.4 44.0
169 13.4 11.0 16.6



#56
4-Nitrophenol
Concen: 60.664 ng
RT: 14.93 min Scan# 181
Delta R.T. 0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:139 Resp: 79730
Ion Ratio Lower Upper
139 100
109 80.9 49.5 89.5
65 107.0 76.8 116.8

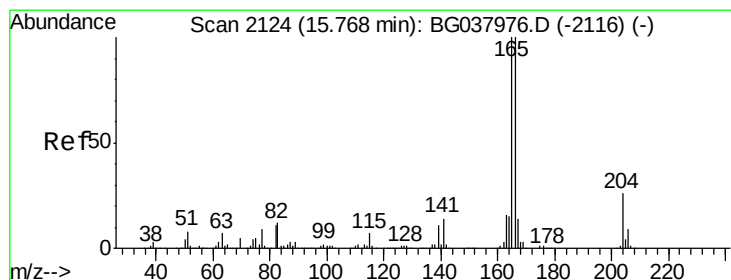
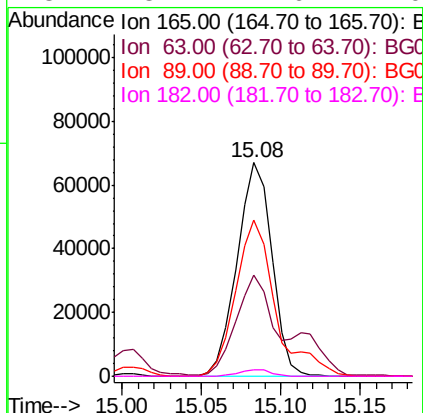
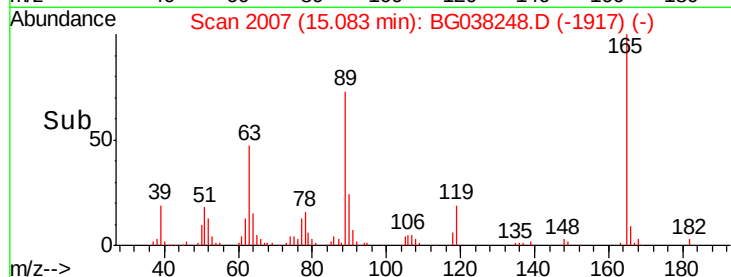
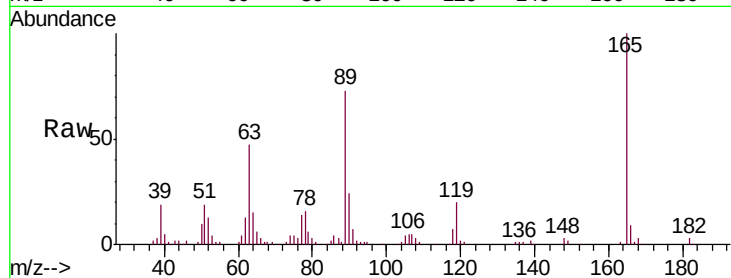




#57
2,4-Dinitrotoluene
Concen: 48.663 ng
RT: 15.08 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

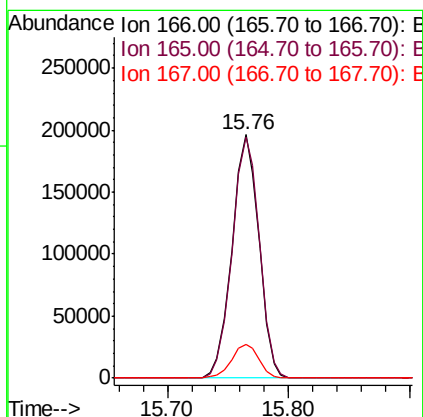
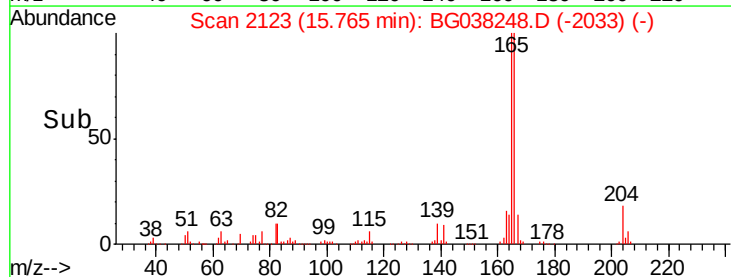
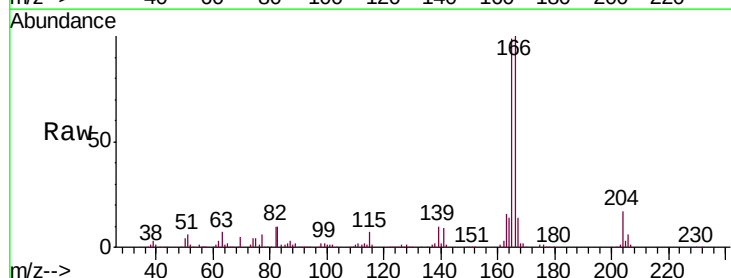
Instrument :
BNA_G
ClientSampleId :
PB115166BS

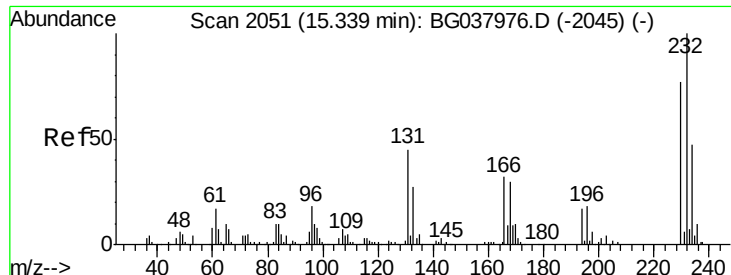
Tgt Ion:	165	Resp:	102251
Ion	Ratio	Lower	Upper
165	100		
63	47.2	33.4	50.0
89	73.1	57.2	85.8
182	3.2	2.6	4.0



#58
Fluorene
Concen: 49.451 ng
RT: 15.76 min Scan# 2123
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:	166	Resp:	304762
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.0	118.6
167	13.7	11.3	16.9

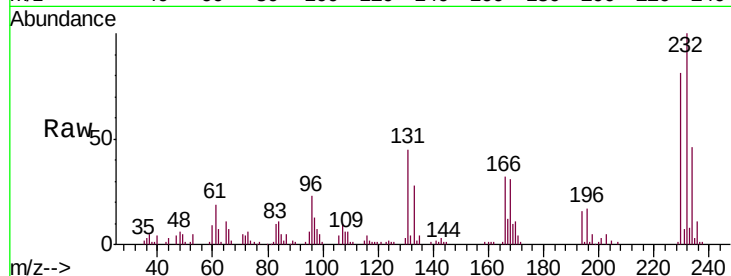




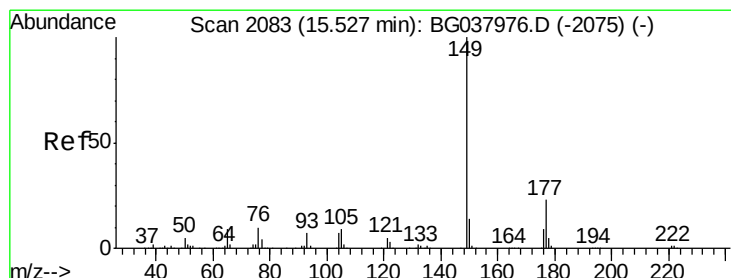
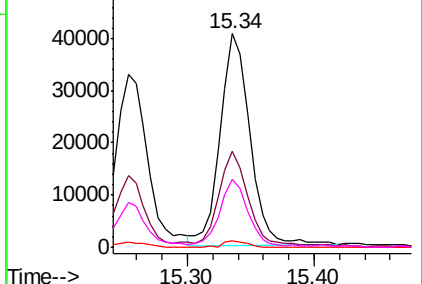
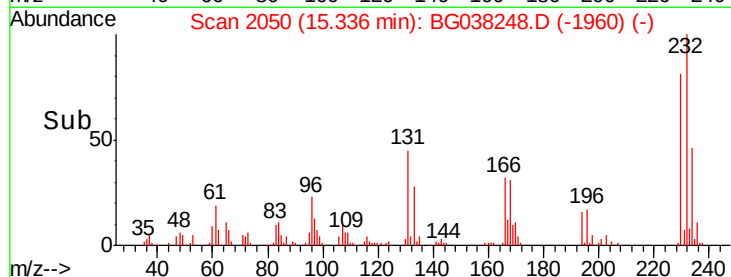
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.694 ng
 RT: 15.34 min Scan# 2050
 Delta R.T. -0.00 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion:232 Resp: 66767
 Ion Ratio Lower Upper
 232 100
 131 44.3 33.7 50.5
 130 2.2 2.1 3.1
 166 29.9 24.6 36.8

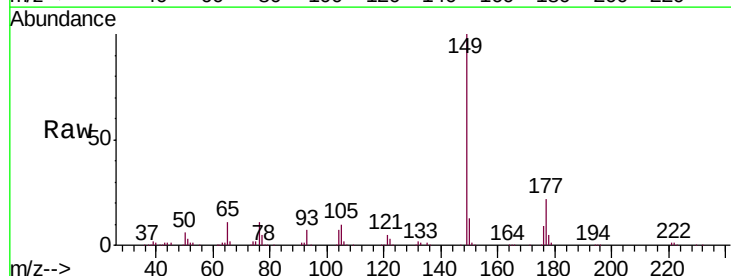


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

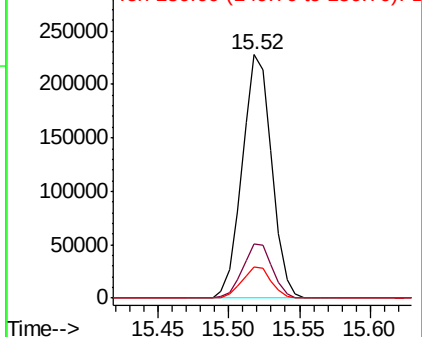
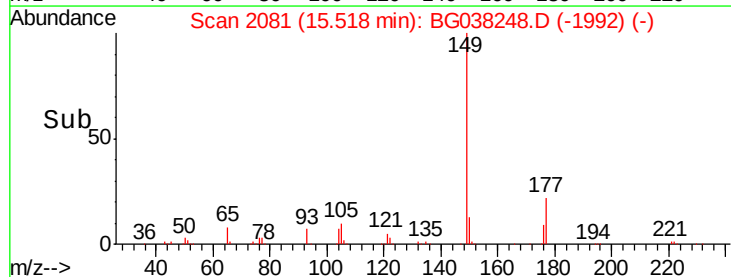


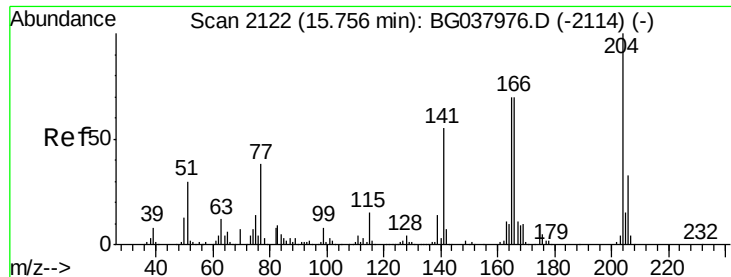
#60
 Diethylphthalate
 Concen: 45.887 ng
 RT: 15.52 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion:149 Resp: 332568
 Ion Ratio Lower Upper
 149 100
 177 22.4 18.3 27.5
 150 12.7 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

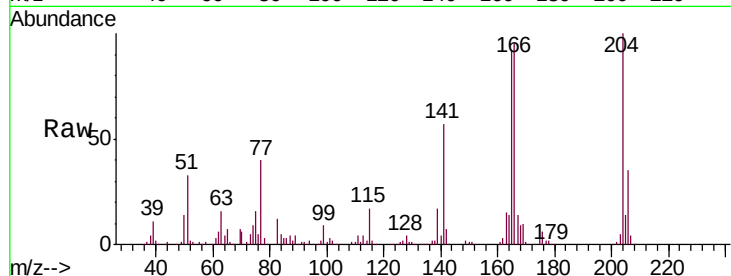




#61
4-Chlorophenyl-phenylether
Concen: 44.635 ng
RT: 15.75 min Scan# 2121
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Instrument :
BNA_G
ClientSampleId :
PB115166BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	26.6	39.8
141	57.0	45.4	68.2

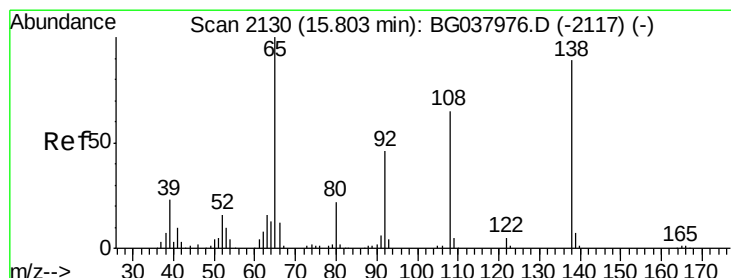
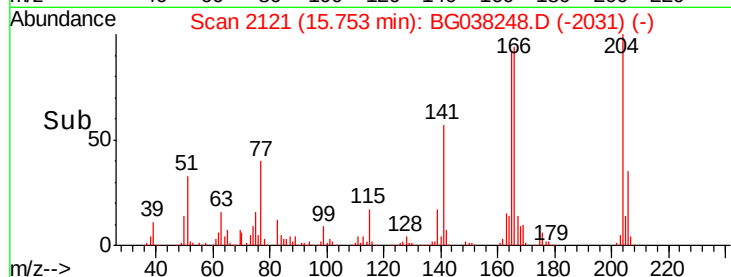
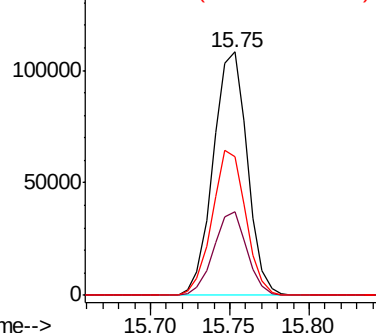


Abundance

Ion 204.00 (203.70 to 204.70): E

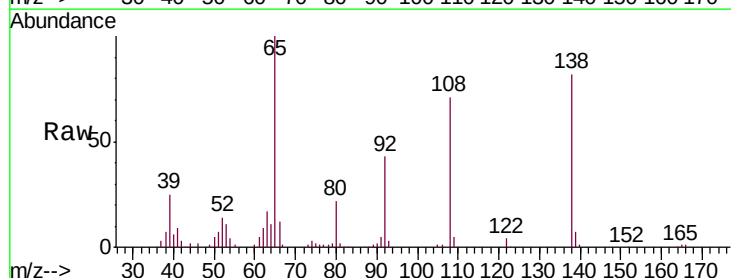
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.986 ng
RT: 15.80 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	36.4	76.4
108	86.3	60.1	100.1

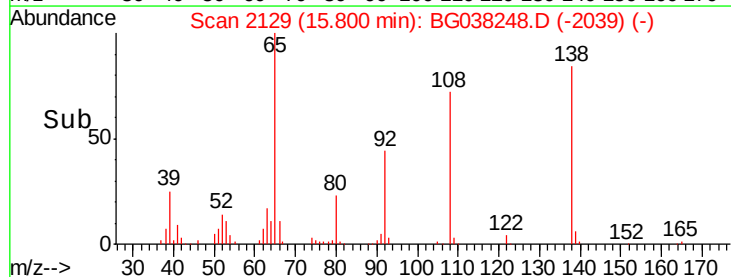
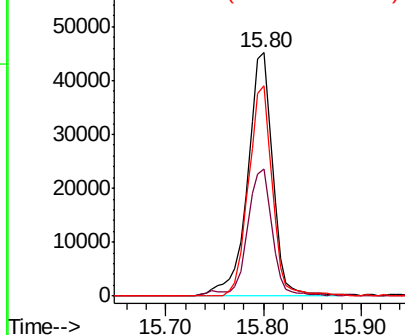


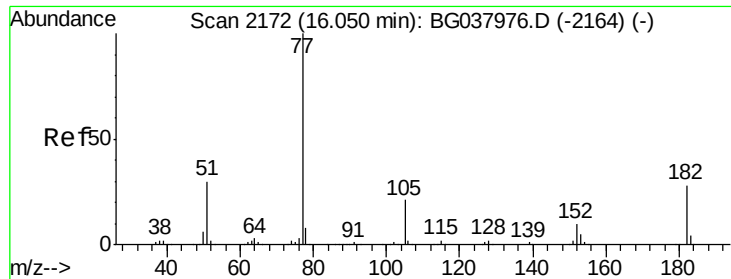
Abundance

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: 48.076 ng

RT: 16.04 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

Tgt Ion: 77 Resp: 311532

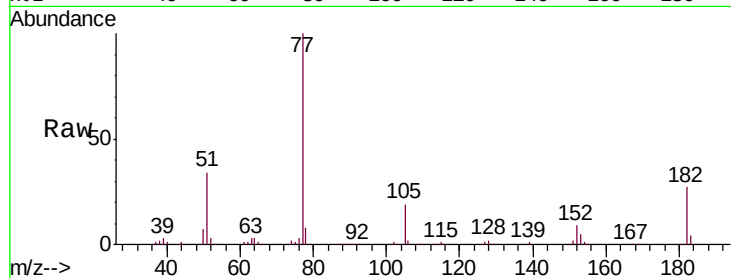
Ion Ratio Lower Upper

77 100

182 26.8 8.0 48.0

105 18.8 1.3 41.3

51 34.1 10.7 50.7

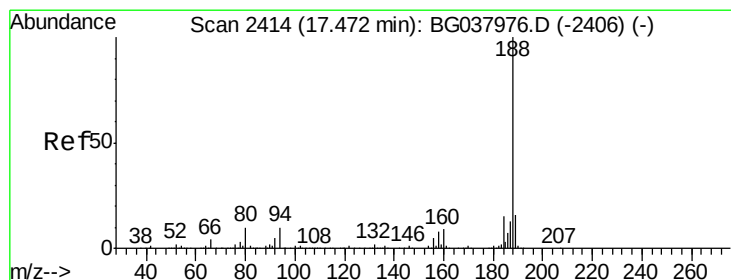
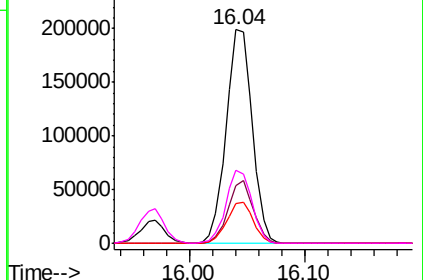
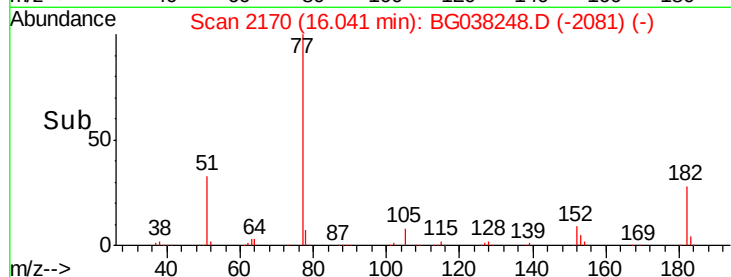


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG038248.D

Acq: 30 Nov 2018 00:56

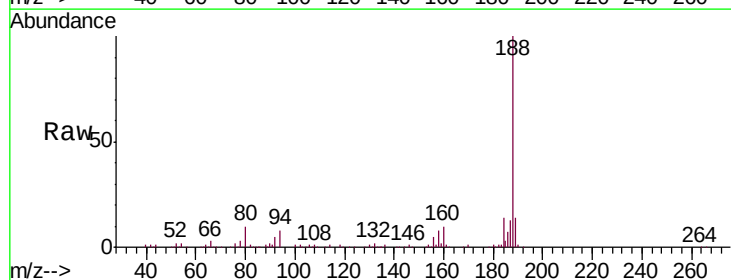
Tgt Ion: 188 Resp: 205326

Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

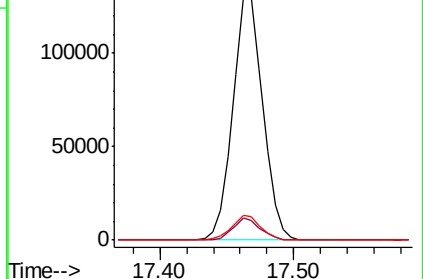
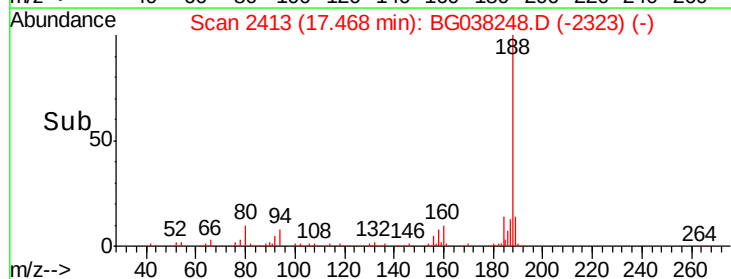
80 9.5 7.7 11.5

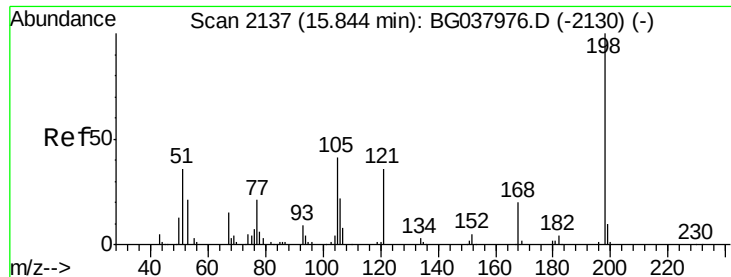


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 6.487 ng

RT: 15.84 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

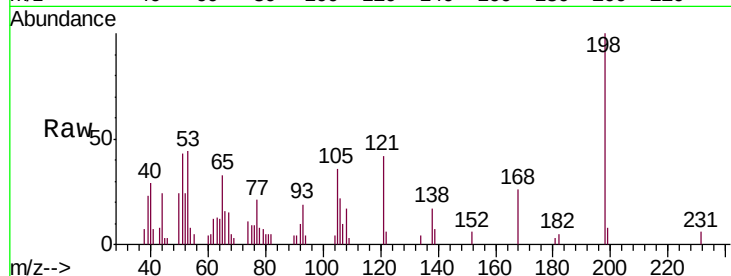
Tgt Ion:198 Resp: 8424

Ion Ratio Lower Upper

198 100

51 42.9 22.7 62.7

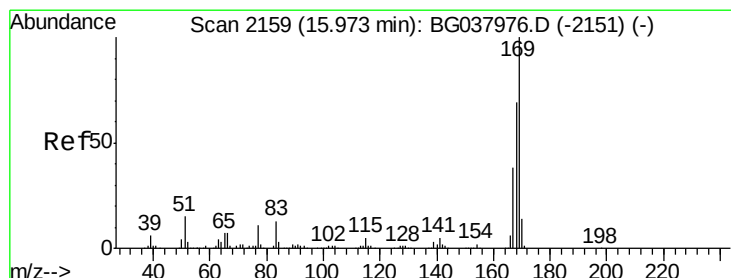
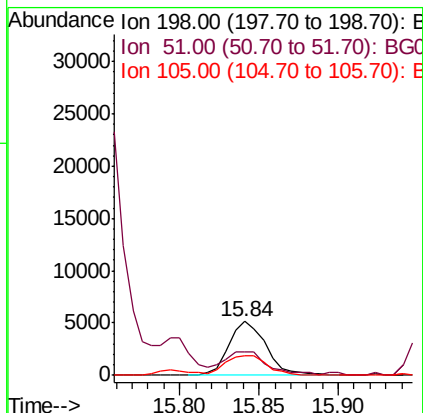
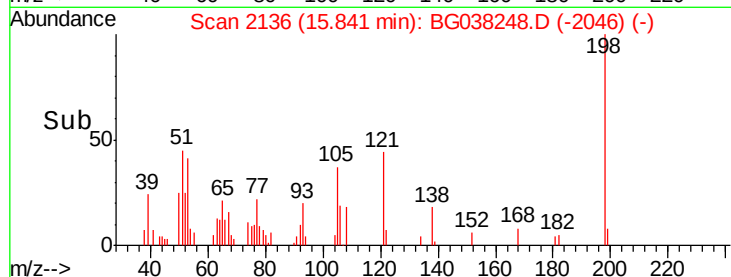
105 35.6 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.332 ng

RT: 15.97 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

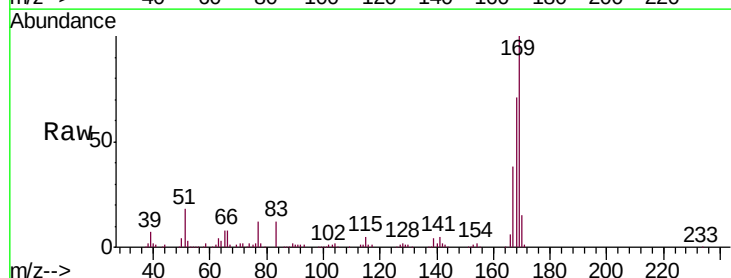
Tgt Ion:169 Resp: 281588

Ion Ratio Lower Upper

169 100

168 70.7 55.7 83.5

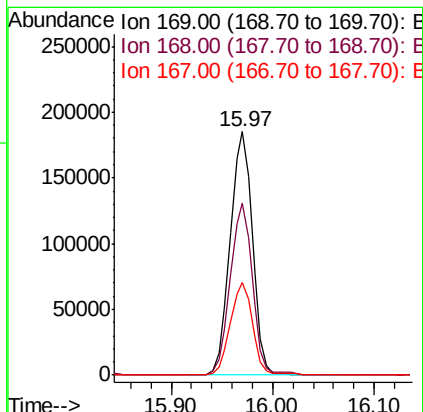
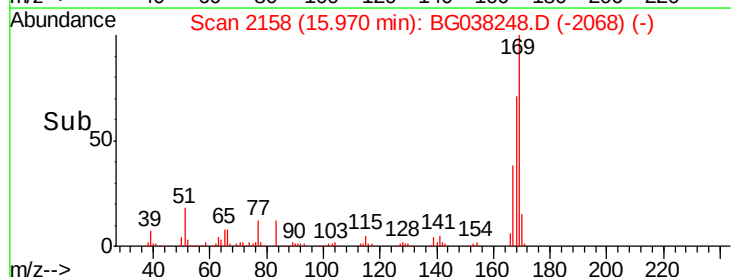
167 37.8 31.3 46.9

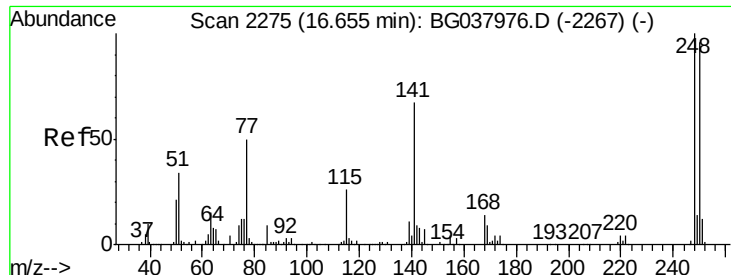


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

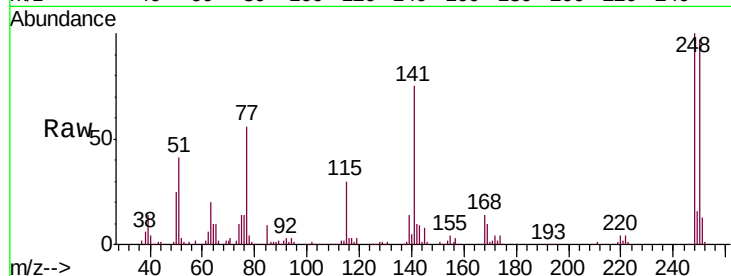




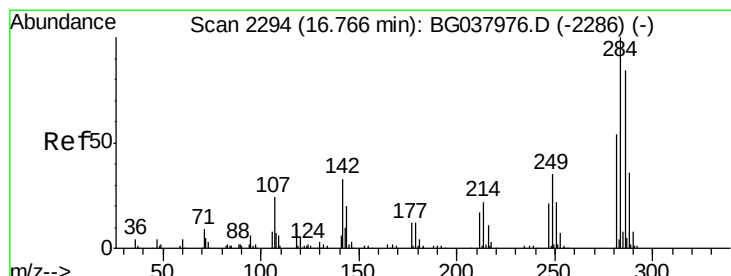
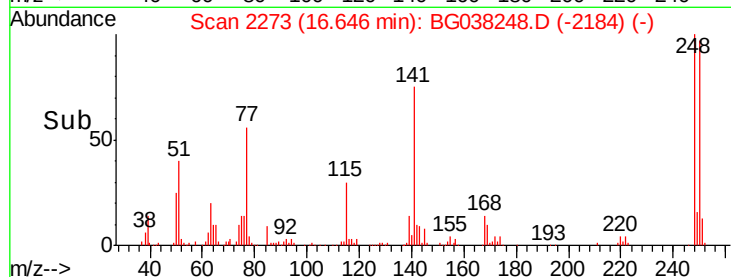
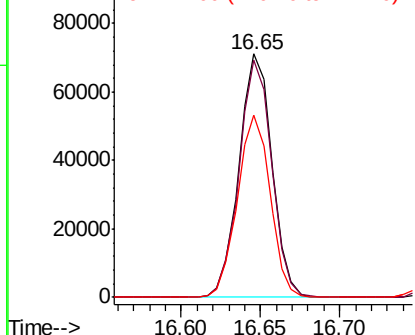
#67
 4-Bromophenyl-phenylether
 Concen: 45.273 ng
 RT: 16.65 min Scan# 2273
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Instrument :
 BNA_G
 ClientSampleId :
 PB115166BS

Tgt Ion: 248 Resp: 102029
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.0 115.6
 141 74.7 55.5 83.3

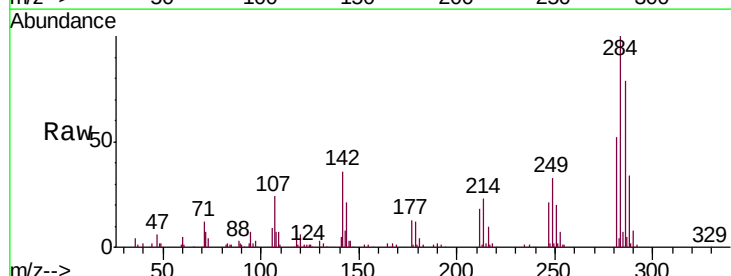


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

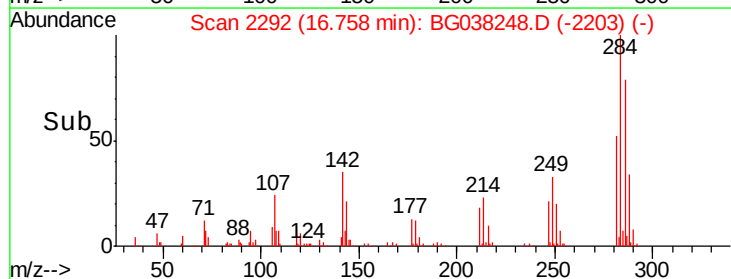
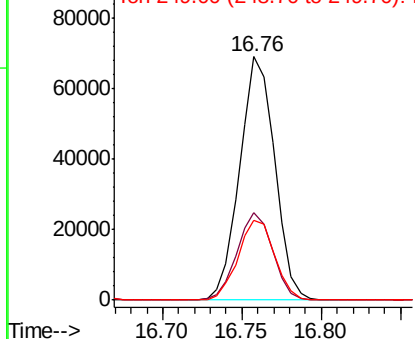


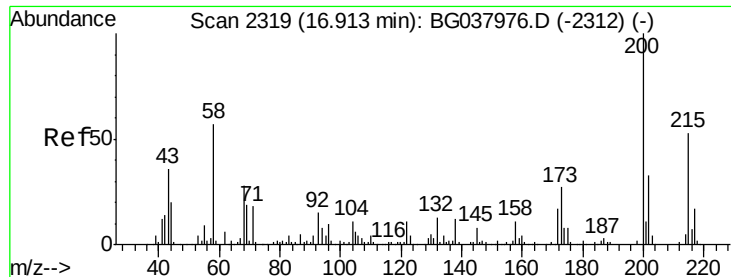
#68
 Hexachlorobenzene
 Concen: 45.498 ng
 RT: 16.76 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BG038248.D
 Acq: 30 Nov 2018 00:56

Tgt Ion: 284 Resp: 105837
 Ion Ratio Lower Upper
 284 100
 142 35.8 28.1 42.1
 249 35.1 29.8 44.8



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





#69

Atrazine

Concen: 47.211 ng

RT: 16.91 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

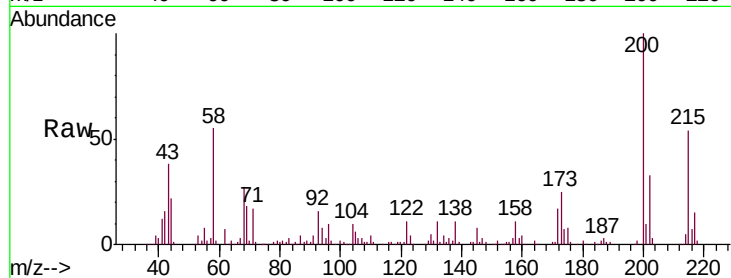
Tgt Ion:200 Resp: 108106

Ion Ratio Lower Upper

200 100

173 25.4 6.1 46.1

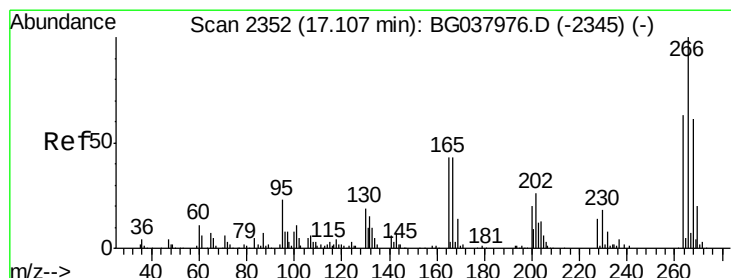
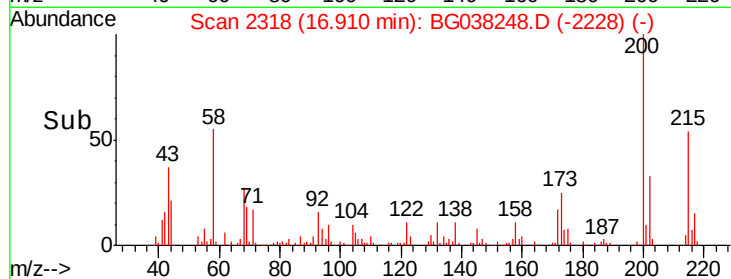
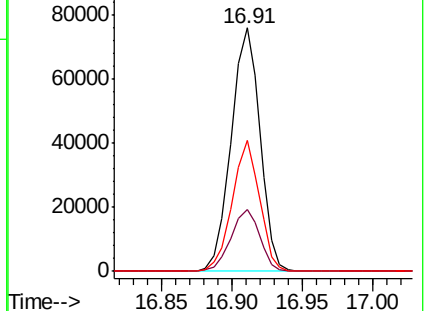
215 53.7 30.8 70.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 23.389 ng

RT: 17.11 min Scan# 2352

Delta R.T. 0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

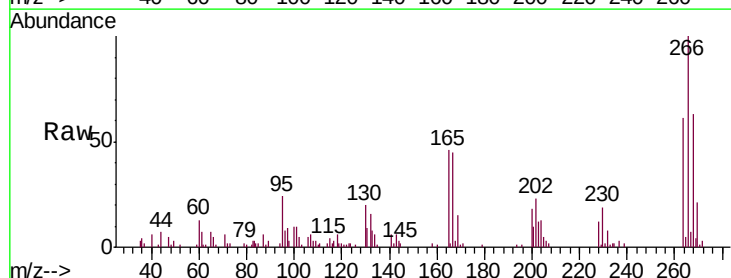
Tgt Ion:266 Resp: 36952

Ion Ratio Lower Upper

266 100

268 66.9 55.0 82.6

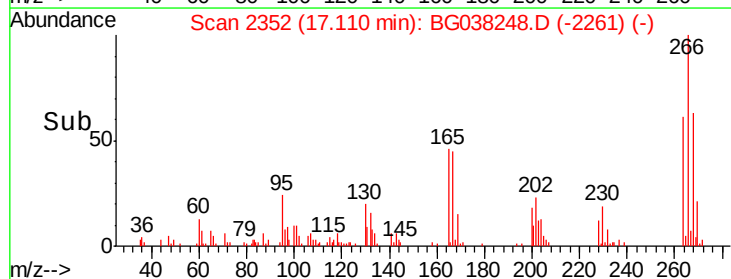
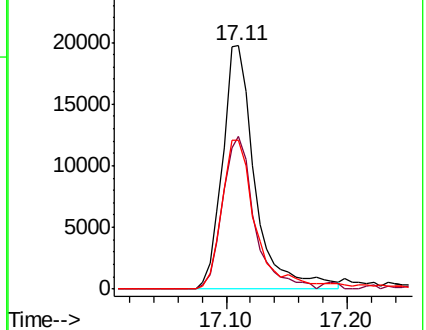
264 66.0 58.9 88.3

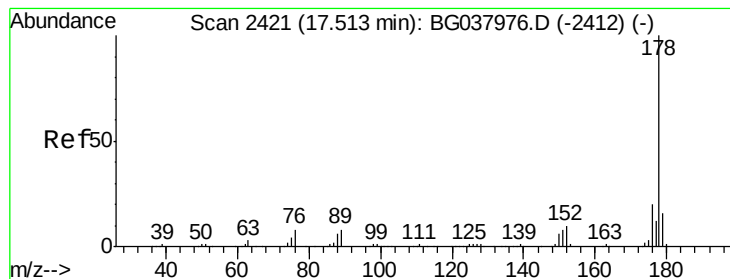


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 49.112 ng

RT: 17.51 min Scan# 2420

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

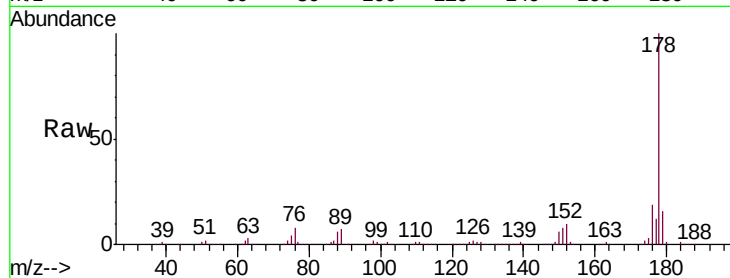
Tgt Ion:178 Resp: 516284

Ion Ratio Lower Upper

178 100

176 19.5 16.1 24.1

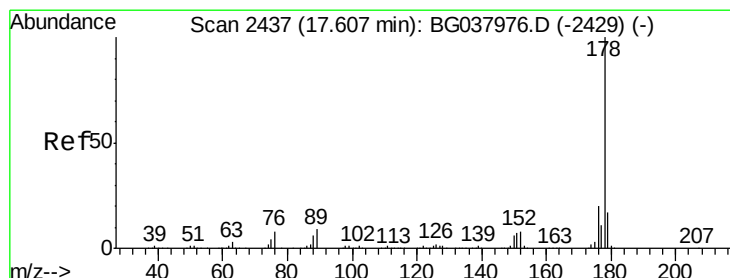
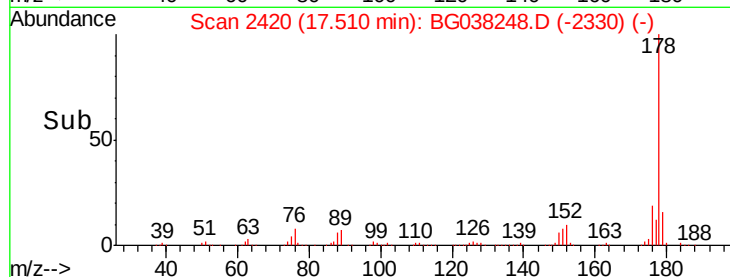
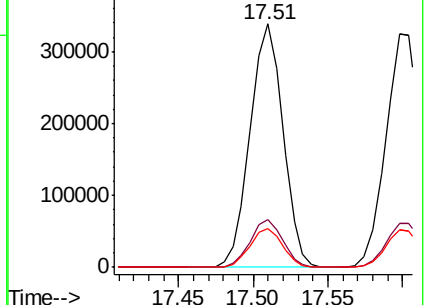
179 16.0 13.0 19.4



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: 50.806 ng

RT: 17.60 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

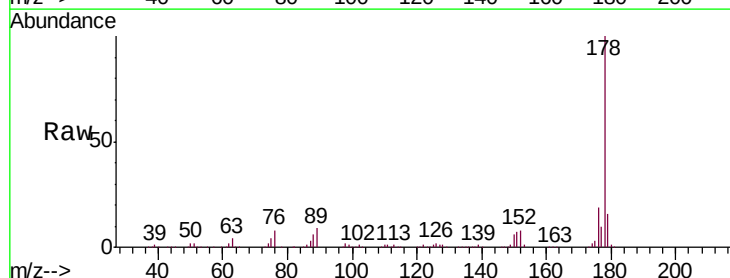
Tgt Ion:178 Resp: 526478

Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.4

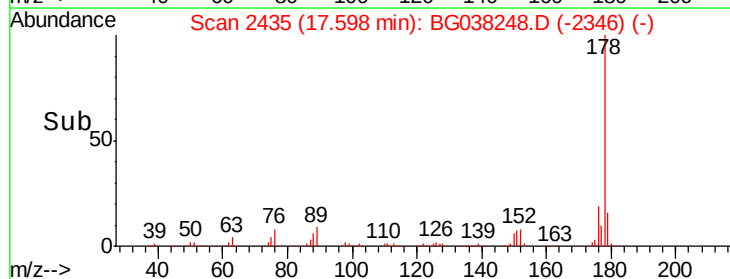
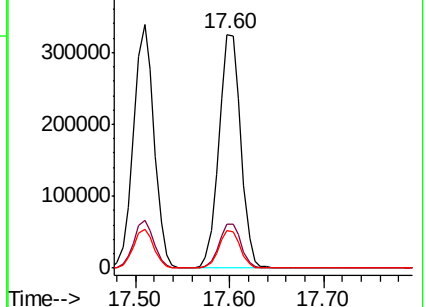
179 16.1 12.8 19.2

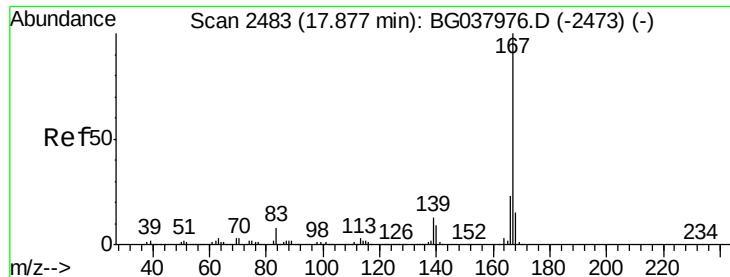


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.105 ng

RT: 17.87 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

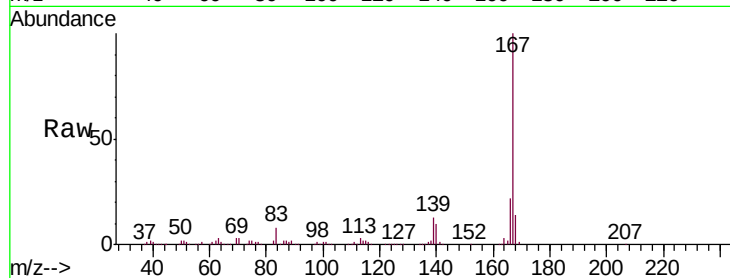
Tgt Ion:167 Resp: 479340

Ion Ratio Lower Upper

167 100

166 22.4 18.3 27.5

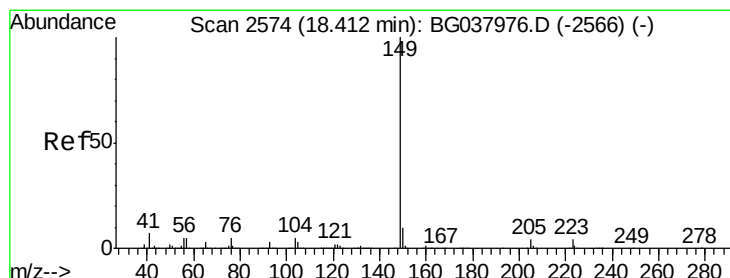
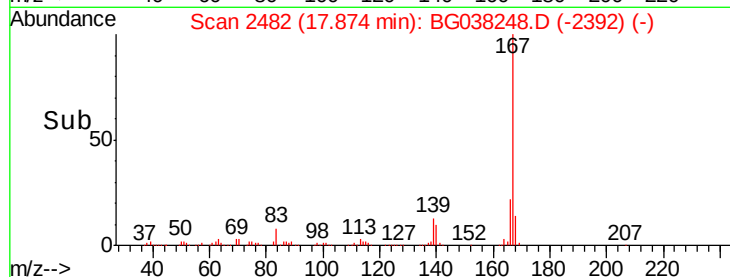
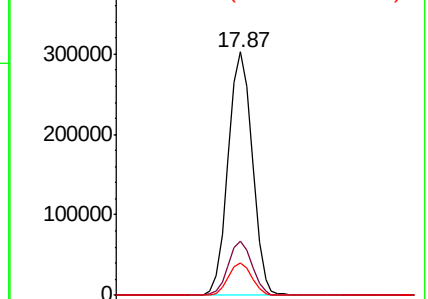
139 13.2 10.5 15.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 50.110 ng

RT: 18.40 min Scan# 2572

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

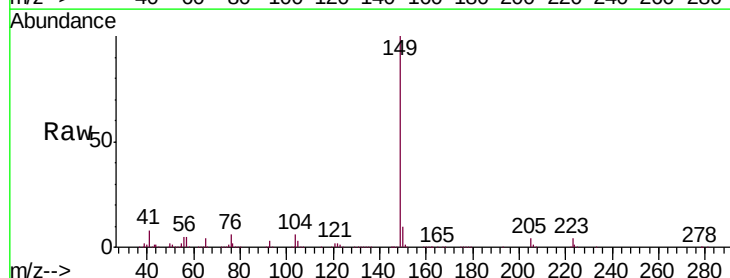
Tgt Ion:149 Resp: 584817

Ion Ratio Lower Upper

149 100

150 10.0 8.2 12.2

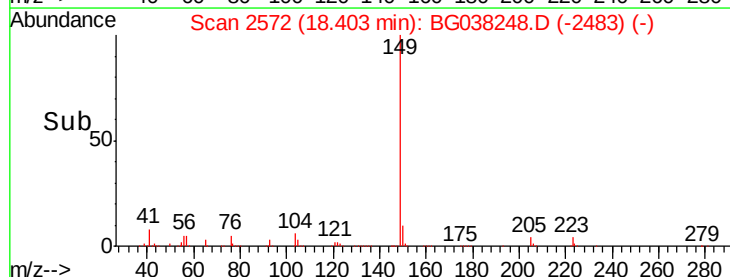
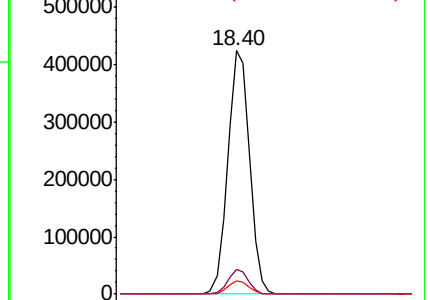
104 5.6 4.0 6.0

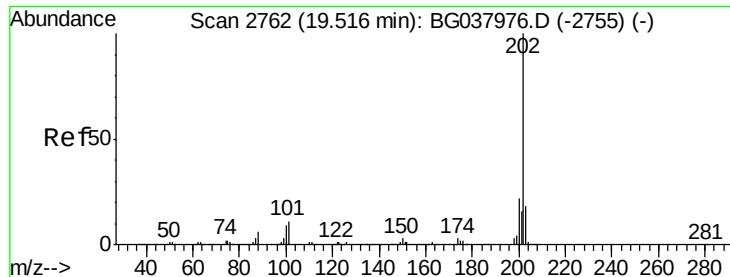


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.462 ng

RT: 19.51 min Scan# 2761

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

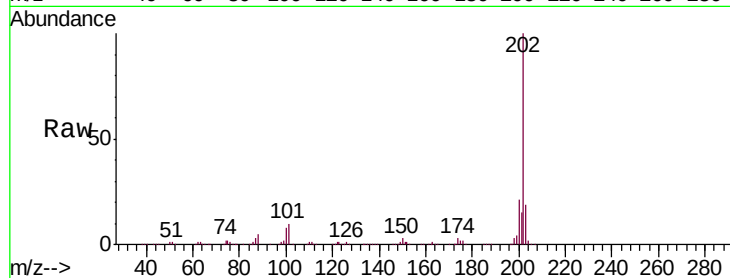
Tgt Ion:202 Resp: 617233

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.7

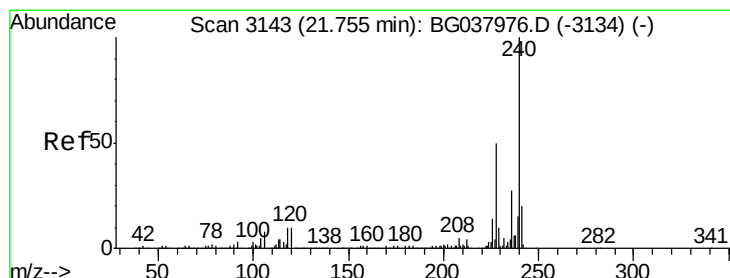
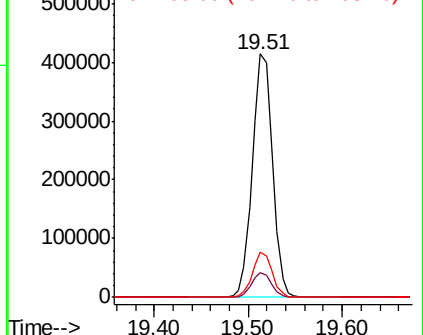
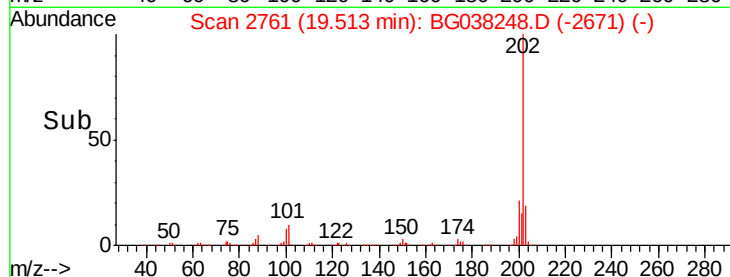
203 18.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

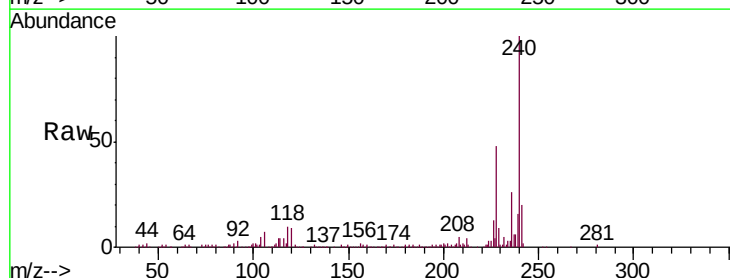
Tgt Ion:240 Resp: 192296

Ion Ratio Lower Upper

240 100

120 9.4 8.1 12.1

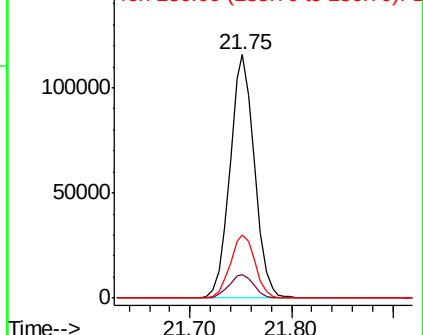
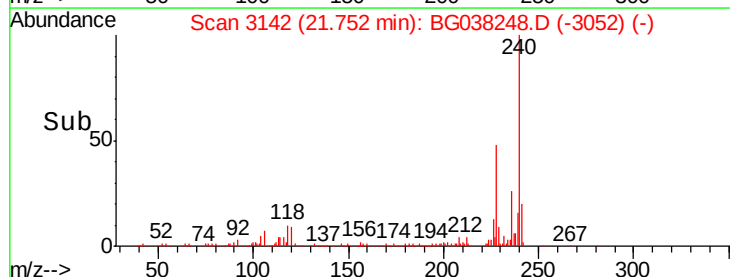
236 26.0 21.4 32.0

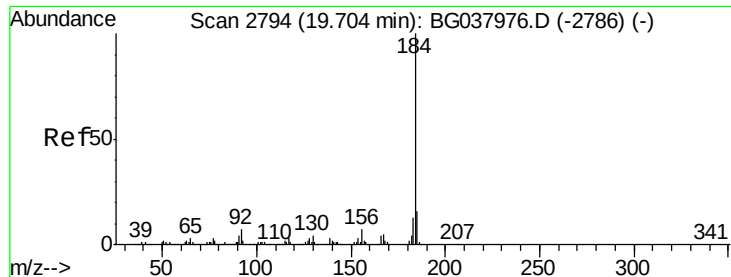


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 17.273 ng

RT: 19.70 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

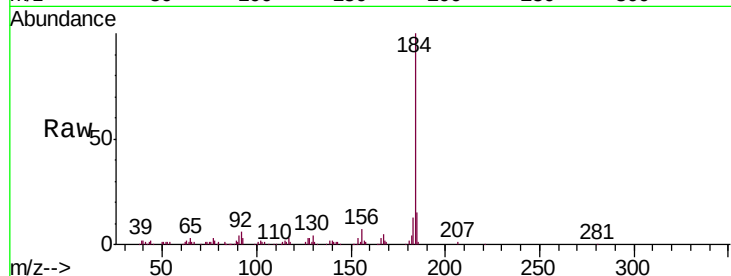
Tgt Ion:184 Resp: 116550

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

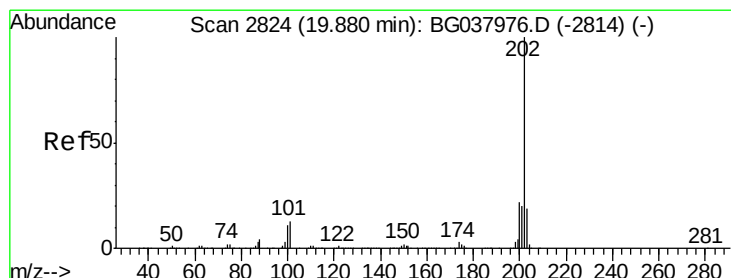
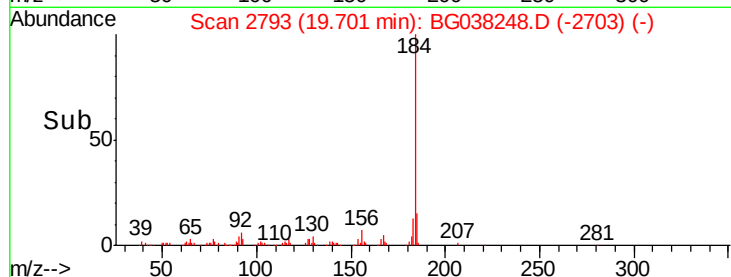
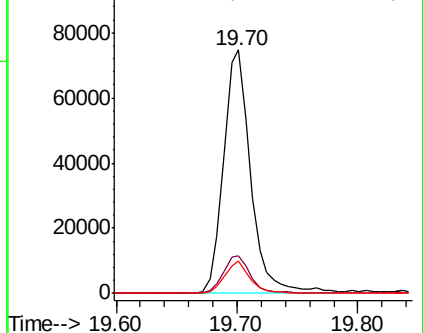
183 13.4 10.2 15.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 49.430 ng

RT: 19.88 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

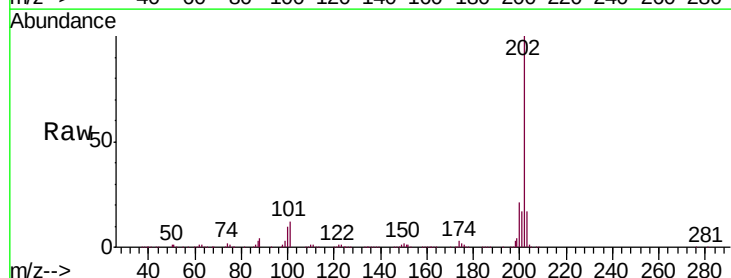
Tgt Ion:202 Resp: 621459

Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

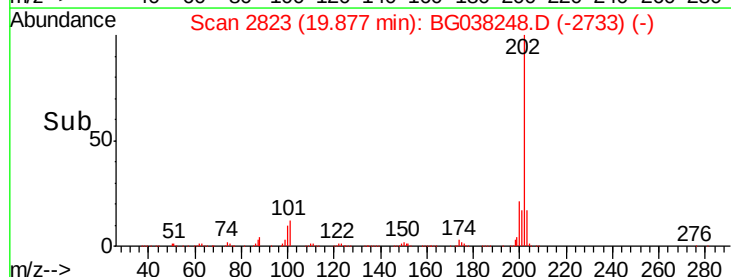
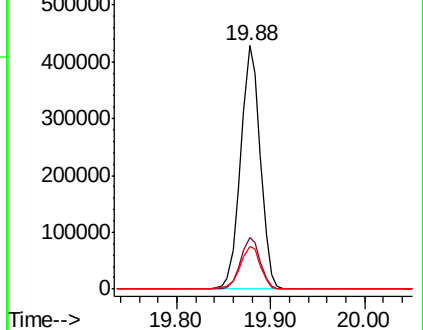
203 17.4 15.2 22.8

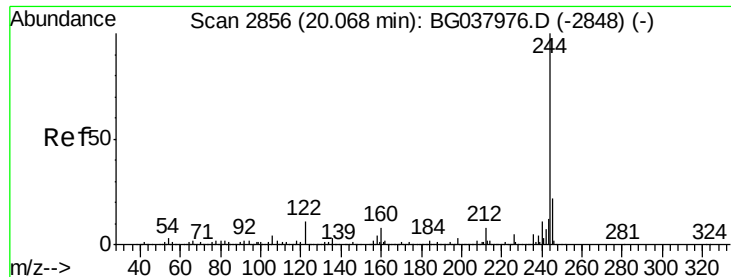


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.090 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

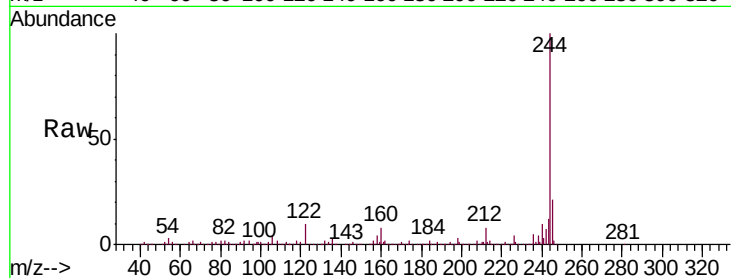
Tgt Ion:244 Resp: 719903

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

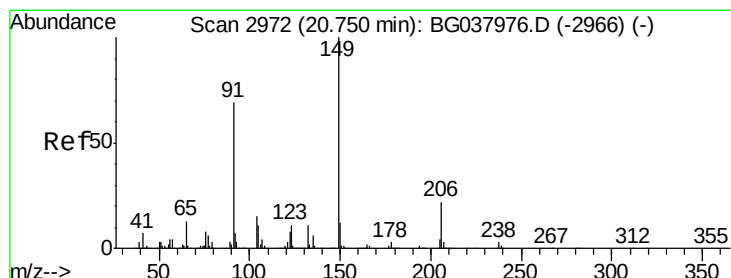
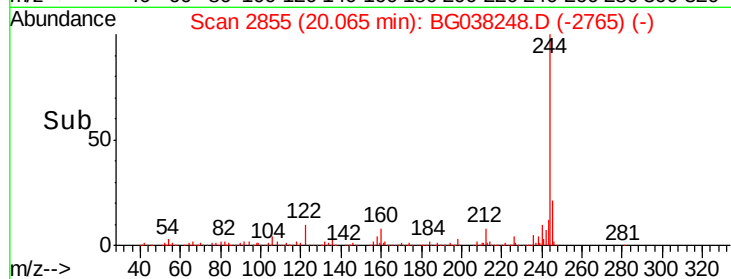
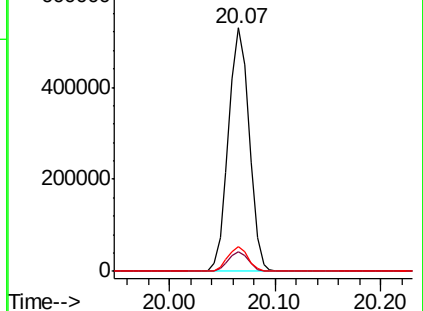
122 9.9 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 48.722 ng

RT: 20.75 min Scan# 2971

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

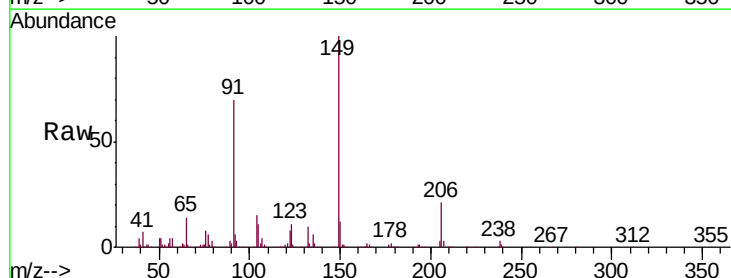
Tgt Ion:149 Resp: 267880

Ion Ratio Lower Upper

149 100

91 69.9 57.0 85.4

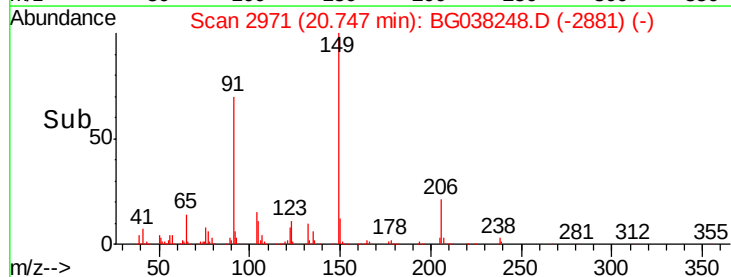
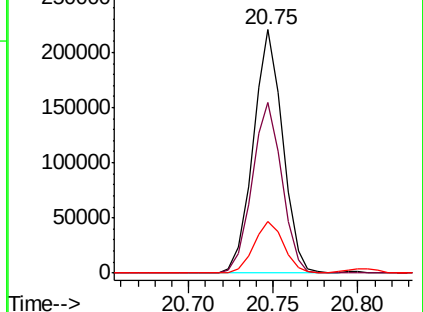
206 21.1 17.8 26.6

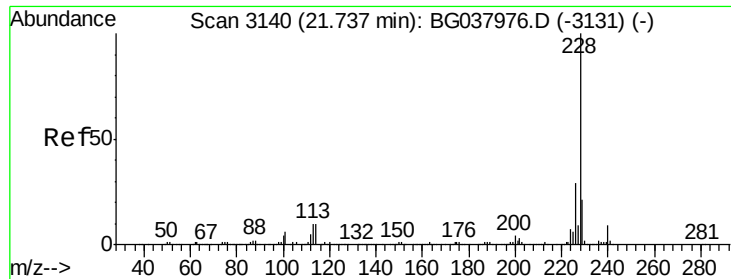


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

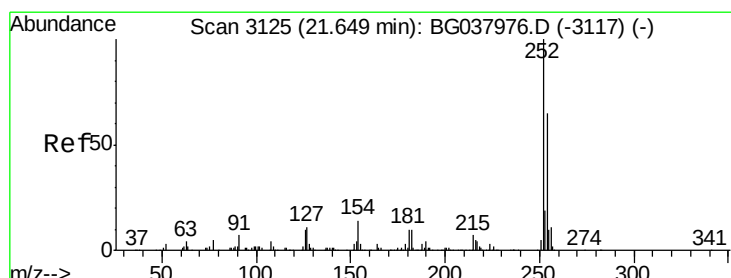
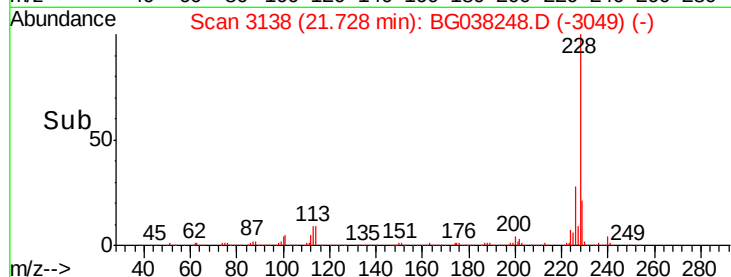
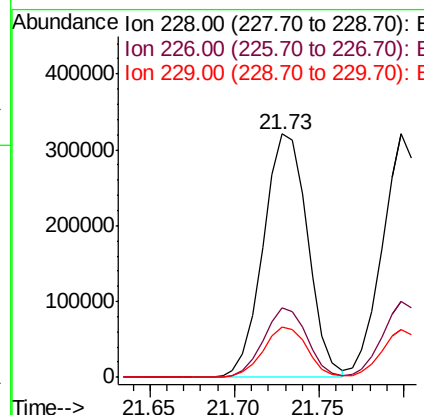
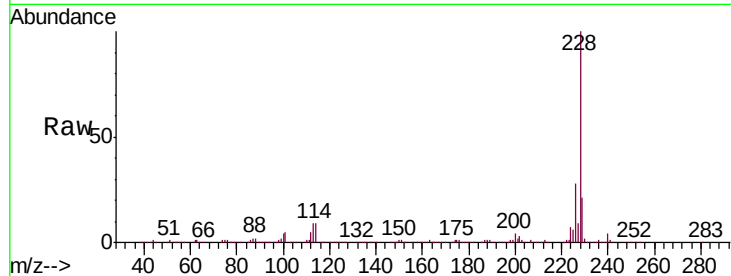




#81
Benzo(a)anthracene
Concen: 50.211 ng
RT: 21.73 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

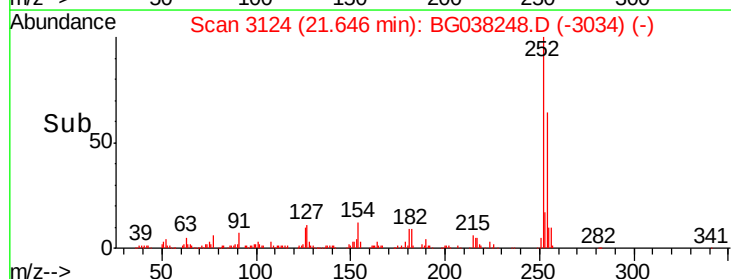
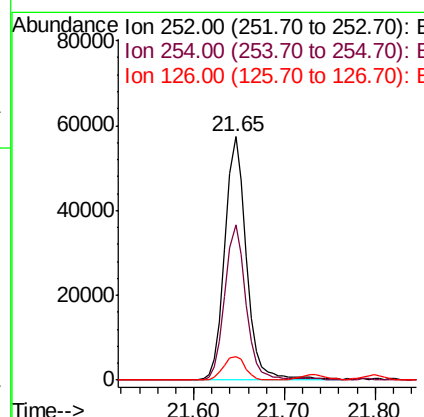
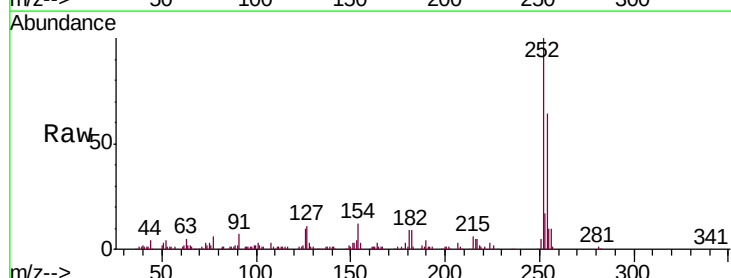
Instrument :
BNA_G
ClientSampleId :
PB115166BS

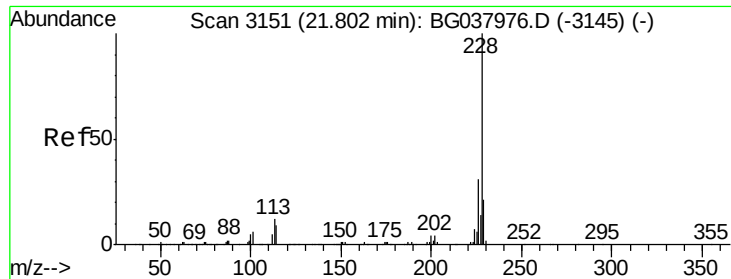
Tgt Ion:228 Resp: 583479
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 20.5 16.3 24.5



#82
3,3'-Dichlorobenzidine
Concen: 20.910 ng
RT: 21.65 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG038248.D
Acq: 30 Nov 2018 00:56

Tgt Ion:252 Resp: 94654
Ion Ratio Lower Upper
252 100
254 63.8 52.0 78.0
126 9.6 8.2 12.4





#83

Chrysene

Concen: 48.765 ng

RT: 21.80 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

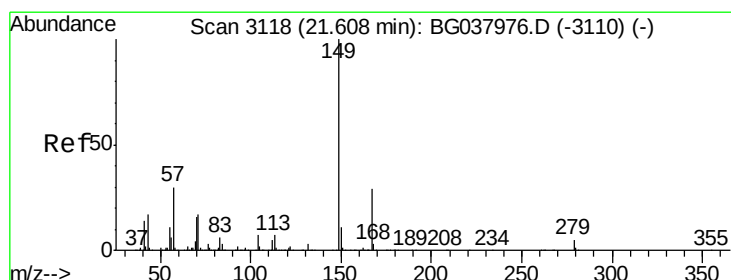
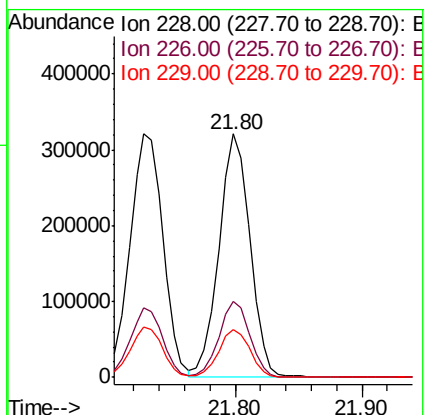
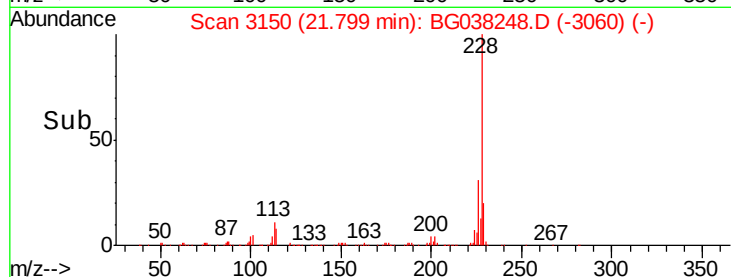
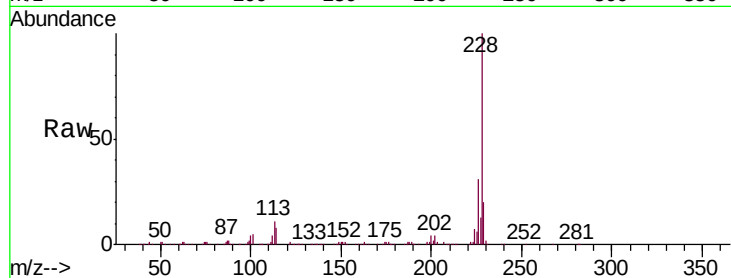
Tgt Ion:228 Resp: 542189

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

229 19.8 16.5 24.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.407 ng

RT: 21.60 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

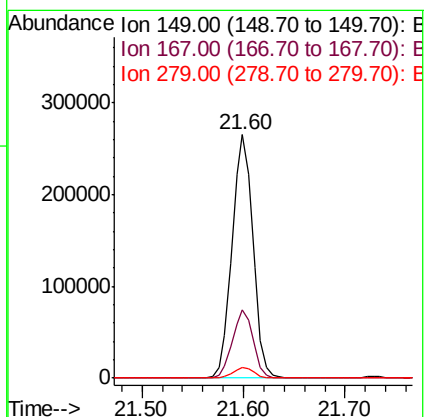
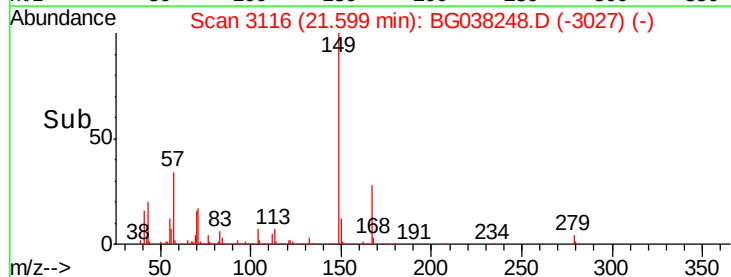
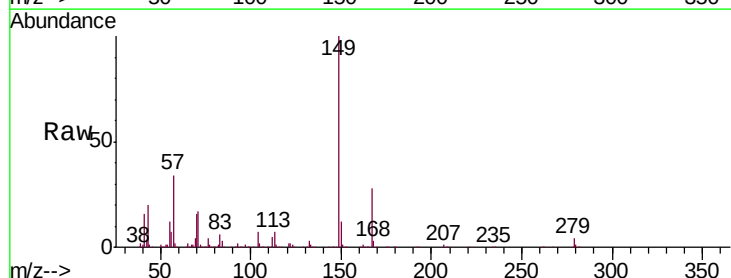
Tgt Ion:149 Resp: 379553

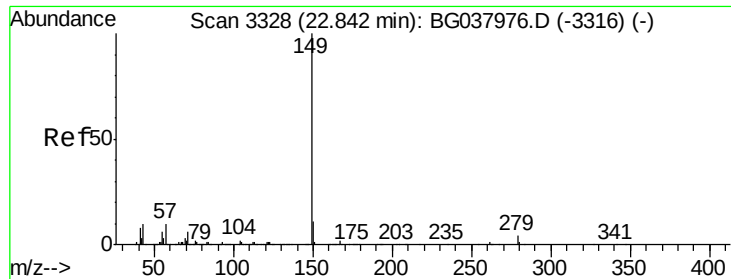
Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 51.115 ng

RT: 22.83 min Scan# 3326

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

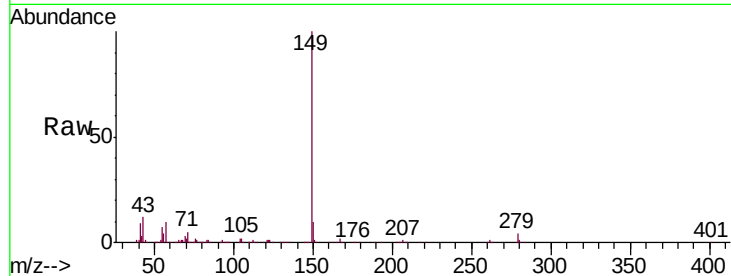
Tgt Ion:149 Resp: 648391

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

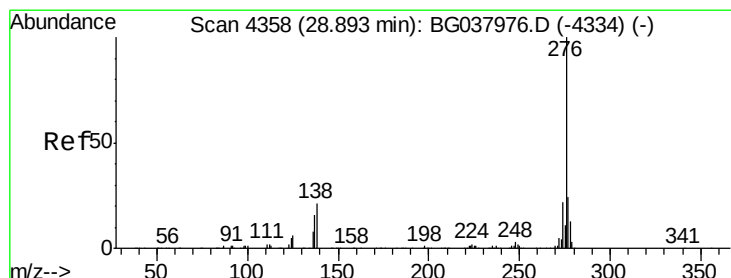
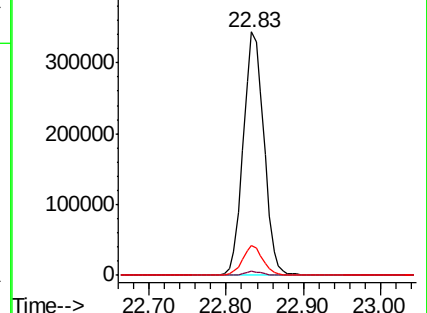
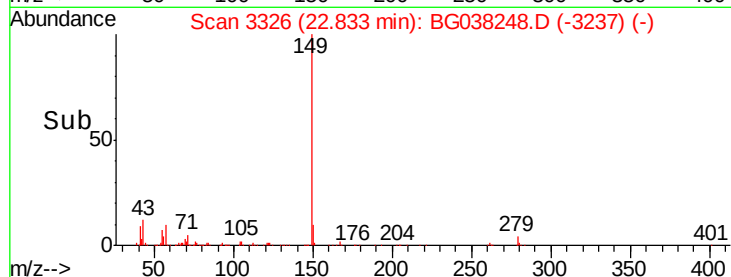
43 11.7 8.7 13.1



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): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.490 ng

RT: 28.88 min Scan# 4355

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

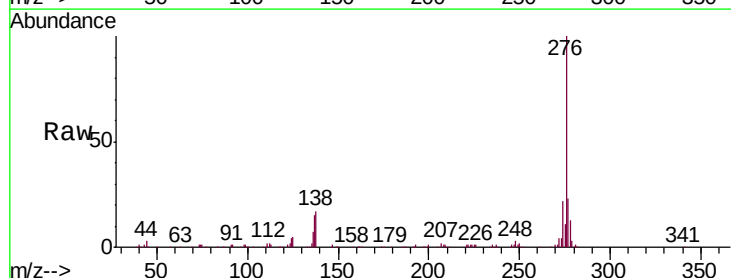
Tgt Ion:276 Resp: 586430

Ion Ratio Lower Upper

276 100

138 12.5 12.0 18.0

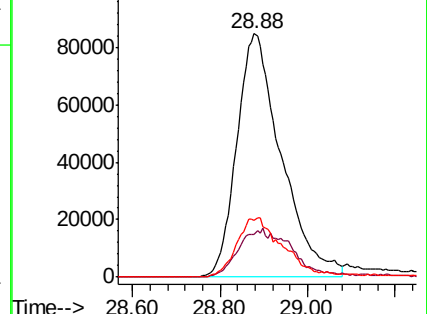
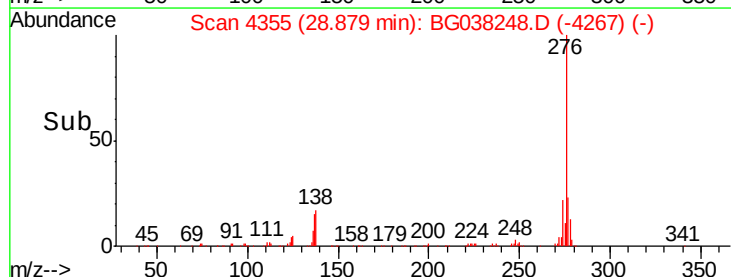
277 24.8 20.6 30.8

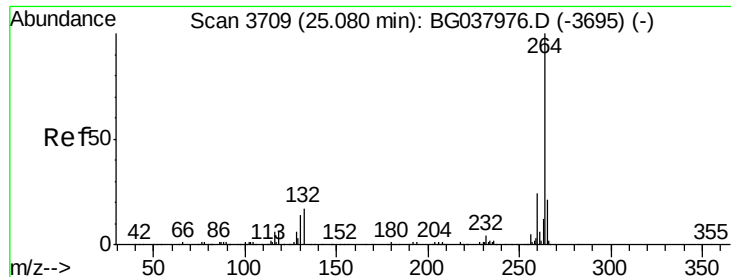


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3707

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

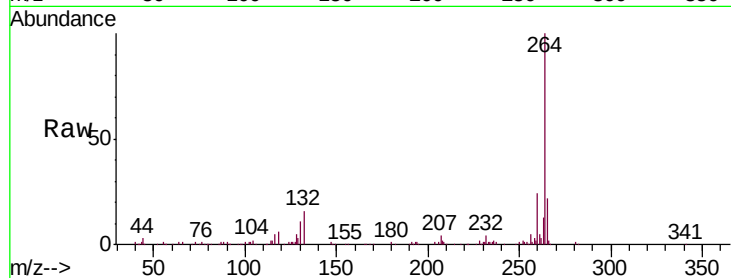
Tgt Ion:264 Resp: 202674

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

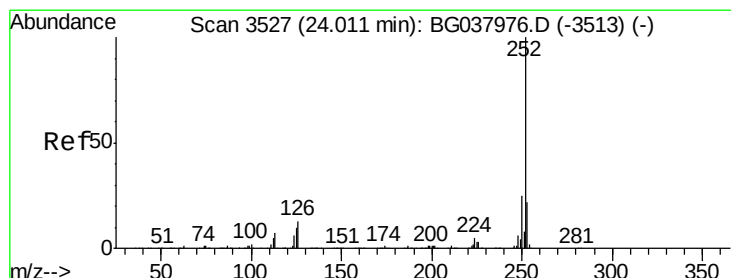
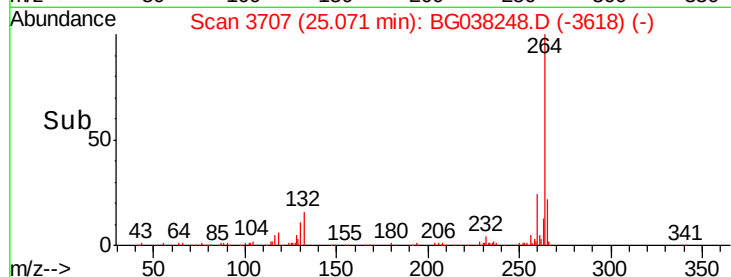
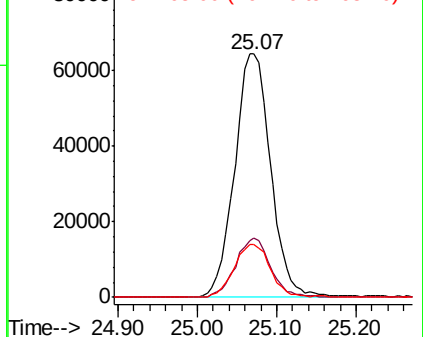
265 21.5 17.9 26.9



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: 51.476 ng

RT: 24.01 min Scan# 3526

Delta R.T. -0.00 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

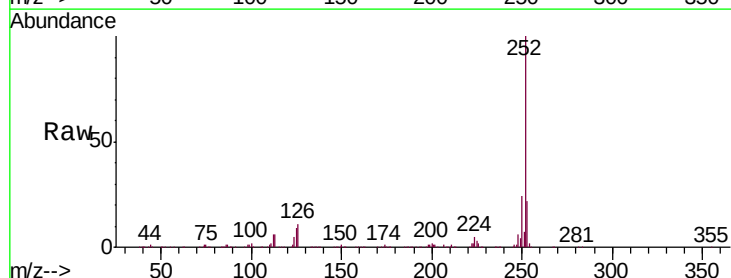
Tgt Ion:252 Resp: 574129

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

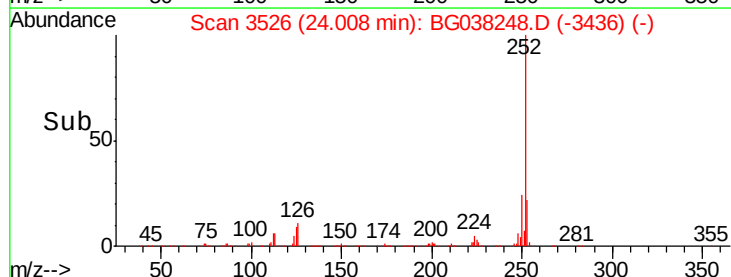
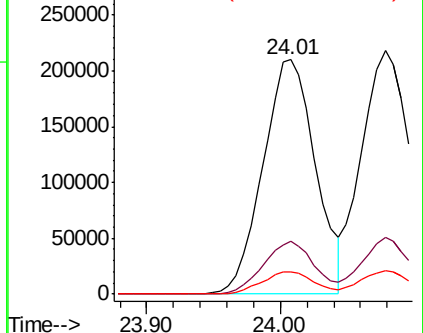
125 9.2 7.8 11.6

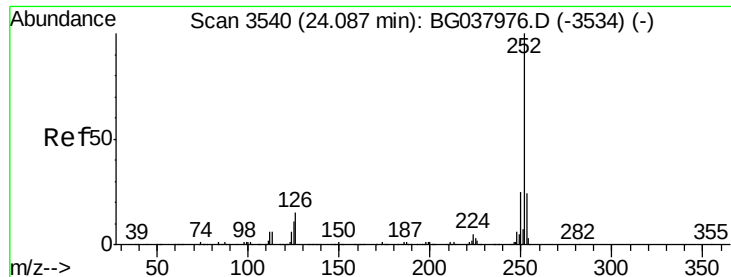


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 50.286 ng

RT: 24.08 min Scan# 3538

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

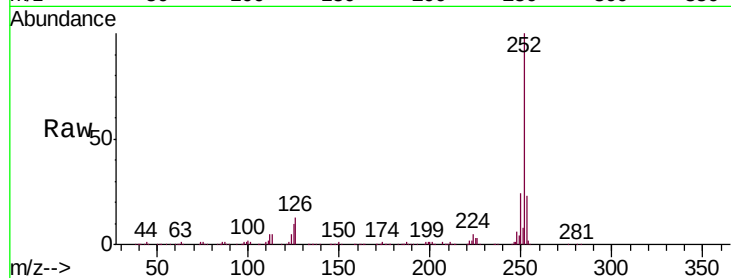
Tgt Ion:252 Resp: 553420

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

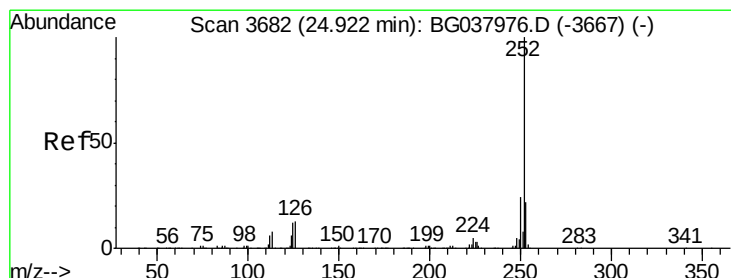
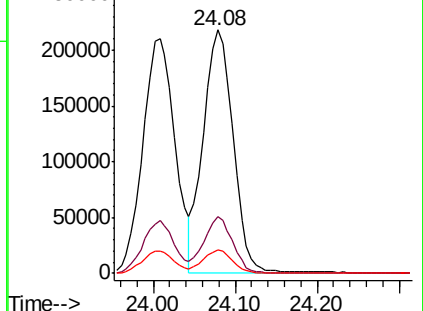
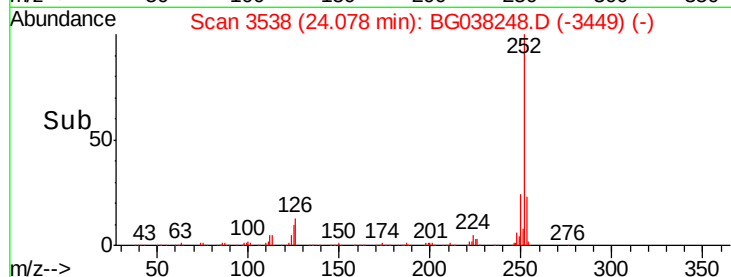
125 9.6 7.4 11.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 52.642 ng

RT: 24.91 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

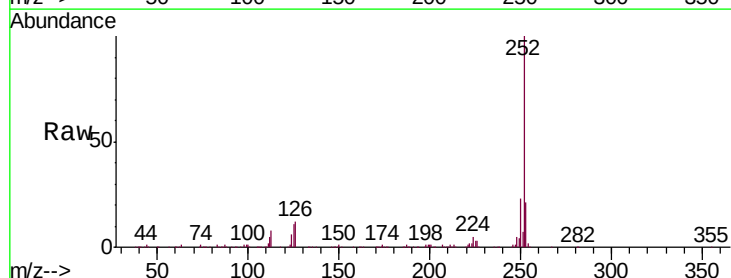
Tgt Ion:252 Resp: 561110

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

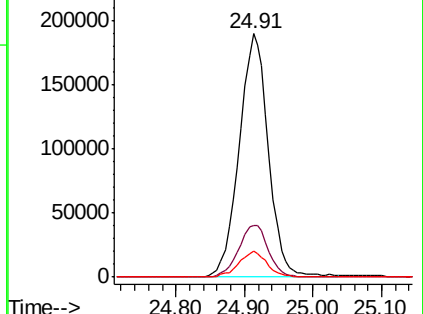
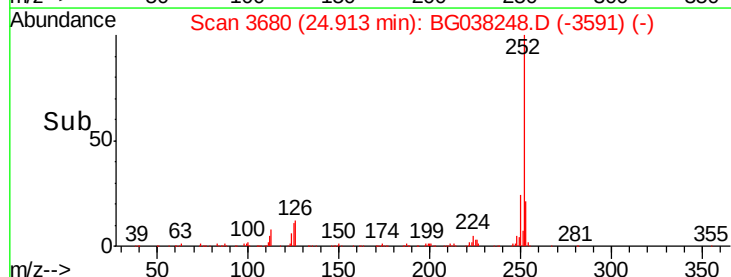
125 10.7 9.0 13.6

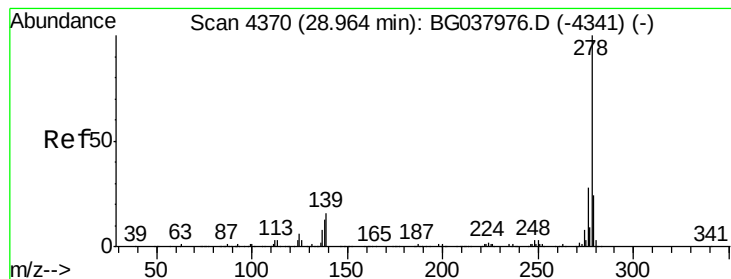


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.724 ng

RT: 28.95 min Scan# 4367

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

Instrument :

BNA_G

ClientSampleId :

PB115166BS

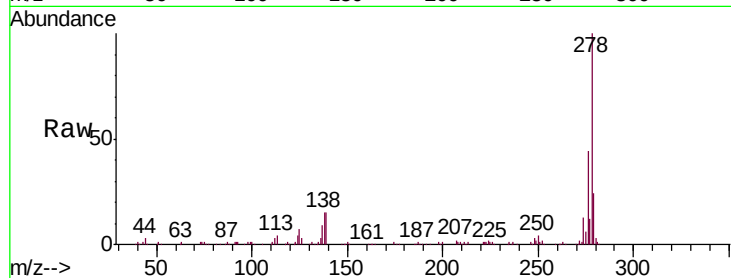
Tgt Ion:278 Resp: 489451

Ion Ratio Lower Upper

278 100

139 15.1 11.5 17.3

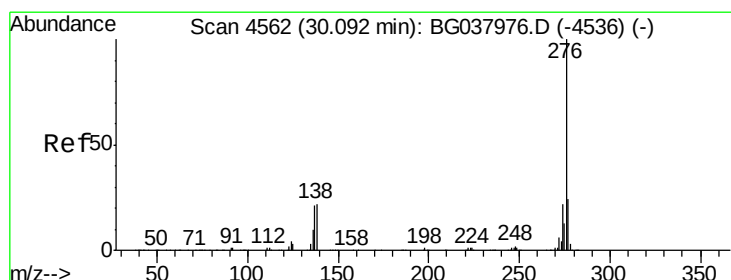
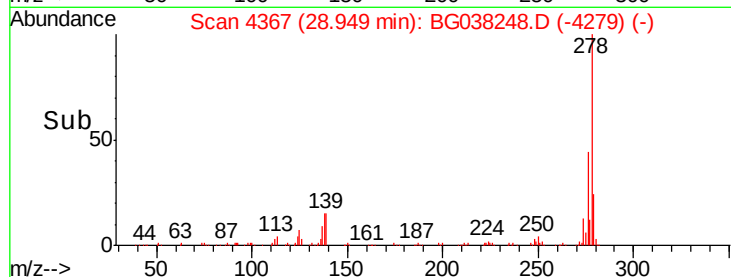
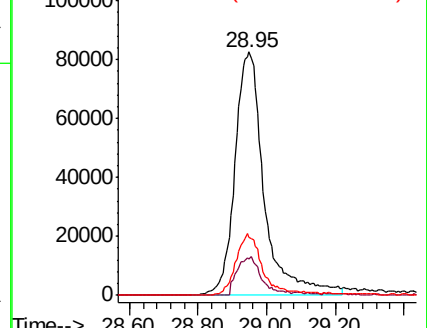
279 24.0 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 45.959 ng

RT: 30.08 min Scan# 4559

Delta R.T. -0.01 min

Lab File: BG038248.D

Acq: 30 Nov 2018 00:56

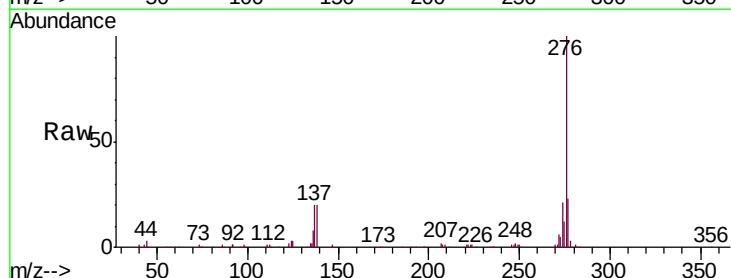
Tgt Ion:276 Resp: 468666

Ion Ratio Lower Upper

276 100

277 23.2 18.9 28.3

138 19.8 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

