

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038475.D
 Acq On : 11 Dec 2018 18:39
 Operator : JU/SJ
 Sample : J6195-06MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Quant Time: Dec 12 03:16:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24742	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	105515	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	69815	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	179850	20.00	ng	0.00
76) Chrysene-d12	21.74	240	172229	20.00	ng	0.00
87) Perylene-d12	25.04	264	199751	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	203679	145.68	ng	0.00
7) Phenol-d6	7.22	99	257400	127.38	ng	0.00
23) Nitrobenzene-d5	9.25	82	198438	93.37	ng	0.00
42) 2,4,6-Tribromophenol	16.20	330	146363	170.77	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	460180	93.92	ng	0.00
79) Terphenyl-d14	20.06	244	840590	104.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	22211	34.662	ng	# 6
3) Pyridine	3.92	79	66565	34.723	ng	# 87
4) n-Nitrosodimethylamine	3.83	42	41918	49.918	ng	# 78
6) Aniline	7.40	93	24872	9.637	ng	97
8) 2-Chlorophenol	7.63	128	78211	48.166	ng	96
9) Benzaldehyde	7.21	77	35222	27.526	ng	98
10) Phenol	7.25	94	89458	41.899	ng	92
11) bis(2-Chloroethyl)ether	7.49	93	74060	42.354	ng	99
12) 1,3-Dichlorobenzene	7.96	146	81976	43.195	ng	100
13) 1,4-Dichlorobenzene	8.11	146	84133	42.847	ng	99
14) 1,2-Dichlorobenzene	8.42	146	80686	45.797	ng	96
15) Benzyl Alcohol	8.31	79	75156	45.238	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	169036	42.500	ng	95
17) 2-Methylphenol	8.51	107	69495	47.604	ng	95
18) Hexachloroethane	9.15	117	30990	43.728	ng	96
19) n-Nitroso-di-n-propylamine	8.87	70	62204	42.235	ng	# 88
20) 3+4-Methylphenols	8.83	107	94881	44.111	ng	93
22) Acetophenone	8.90	105	122161	48.517	ng	# 94
24) Nitrobenzene	9.29	77	97972	45.373	ng	97
25) Isophorone	9.80	82	183692	49.183	ng	# 98
26) 2-Nitrophenol	10.00	139	48064	48.041	ng	# 88
27) 2,4-Dimethylphenol	10.04	122	83141	57.857	ng	98
28) bis(2-Chloroethoxy)methane	10.29	93	103813	48.486	ng	97
29) 2,4-Dichlorophenol	10.53	162	87742	53.489	ng	96
30) 1,2,4-Trichlorobenzene	10.74	180	90573	47.036	ng	96
31) Naphthalene	10.94	128	252827	50.162	ng	100
32) Benzoic acid	10.19	122	31213	32.321	ng	93
34) Hexachlorobutadiene	11.20	225	56986	47.304	ng	94
35) Caprolactam	11.84	113	16480	24.294	ng	# 84
36) 4-Chloro-3-methylphenol	12.17	107	97060	53.255	ng	97
37) 2-Methylnaphthalene	12.54	142	192214	53.551	ng	96
38) 1-Methylnaphthalene	12.54	142	192214	55.912	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	111252	46.310	ng	98
41) Hexachlorocyclopentadiene	12.86	237	122566	92.841	ng	97

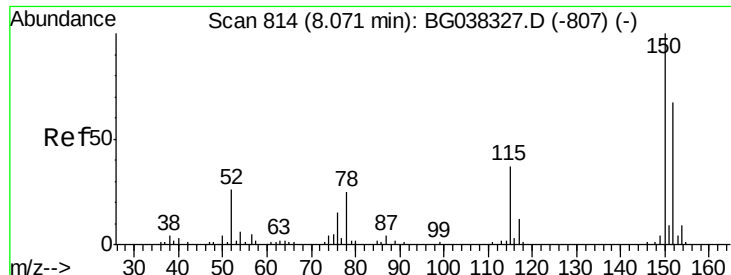
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121118\
 Data File : BG038475.D
 Acq On : 11 Dec 2018 18:39
 Operator : JU/SJ
 Sample : J6195-06MS
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Quant Time: Dec 12 03:16:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG120418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 04 17:15:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.14	196	79708	51.220	ng	96
44) 2,4,5-Trichlorophenol	13.22	196	88090	53.433	ng	97
46) 1,1'-Biphenyl	13.54	154	252989	42.870	ng	97
47) 2-Chloronaphthalene	13.59	162	202152	45.395	ng	99
48) 2-Nitroaniline	13.80	65	72547	48.559	ng	98
49) Acenaphthylene	14.43	152	339705	50.651	ng	99
50) Dimethylphthalate	14.16	163	285633	51.008	ng	99
51) 2,6-Dinitrotoluene	14.29	165	63485	49.630	ng #	90
52) Acenaphthene	14.77	154	197668	48.346	ng	99
53) 3-Nitroaniline	14.62	138	6367	4.622	ng #	88
54) 2,4-Dinitrophenol	14.83	184	41898	59.752	ng #	86
55) Dibenzofuran	15.10	168	326380	48.285	ng	96
56) 4-Nitrophenol	14.92	139	82784	76.071	ng #	80
57) 2,4-Dinitrotoluene	15.07	165	91071	51.620	ng	94
58) Fluorene	15.75	166	267309	53.677	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	83243	58.137	ng	94
60) Diethylphthalate	15.51	149	296863	47.851	ng	99
61) 4-Chlorophenyl-phenylether	15.74	204	148548	49.662	ng	100
62) 4-Nitroaniline	15.79	138	62071	45.809	ng #	82
63) Azobenzene	16.03	77	258127	47.542	ng	93
65) 4,6-Dinitro-2-methylphenol	15.83	198	43624	37.020	ng	89
66) n-Nitrosodiphenylamine	15.96	169	248941	49.223	ng	100
67) 4-Bromophenyl-phenylether	16.64	248	99884	51.428	ng	100
68) Hexachlorobenzene	16.75	284	102307	51.069	ng	98
69) Atrazine	16.90	200	101141	53.595	ng	97
70) Pentachlorophenol	17.09	266	93876	68.416	ng	98
71) Phenanthrene	17.50	178	465206	51.651	ng	99
72) Anthracene	17.59	178	476356	54.614	ng	99
73) Carbazole	17.86	167	422157	48.766	ng	97
74) Di-n-butylphthalate	18.39	149	507681	50.199	ng	98
75) Fluoranthene	19.50	202	571139	54.275	ng	97
77) Benzidine	19.69	184	107289	18.461	ng	97
78) Pyrene	19.87	202	569370	47.249	ng	97
80) Butylbenzylphthalate	20.74	149	227365	46.911	ng	97
81) Benzo(a)anthracene	21.72	228	546981	51.673	ng	99
82) 3,3'-Dichlorobenzidine	21.63	252	75880	18.427	ng #	97
83) Chrysene	21.78	228	508952	50.809	ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	320338	46.630	ng	98
85) Di-n-octyl phthalate	22.82	149	540086	45.850	ng	98
86) Indeno(1,2,3-cd)pyrene	28.83	276	610449	53.623	ng #	97
88) Benzo(b)fluoranthene	23.99	252	547604	48.518	ng #	98
89) Benzo(k)fluoranthene	23.99	252	547604	48.715	ng	97
90) Benzo(a)pyrene	24.89	252	634615	57.967	ng	98
91) Dibenzo(a,h)anthracene	28.90	278	492479	47.429	ng #	96
92) Benzo(g,h,i)perylene	30.04	276	499687	48.505	ng #	93

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

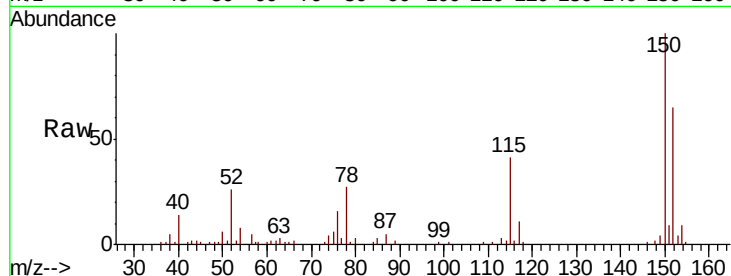


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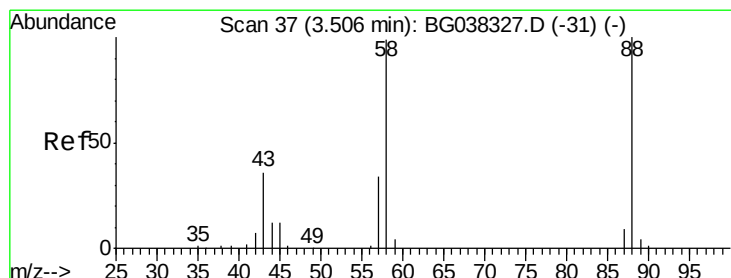
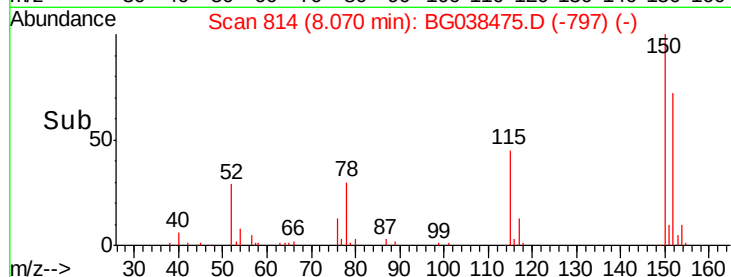
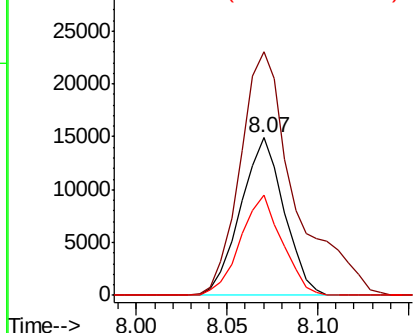
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

Tgt Ion:152 Resp: 24742
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 63.4 45.5 68.3



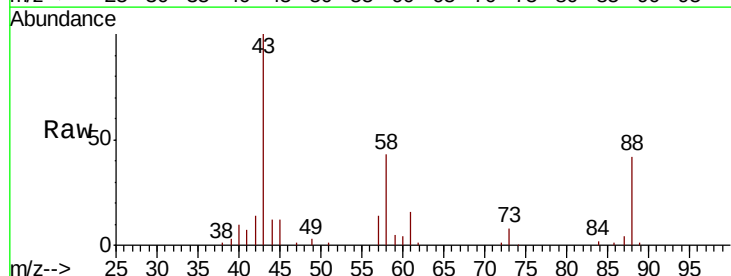
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



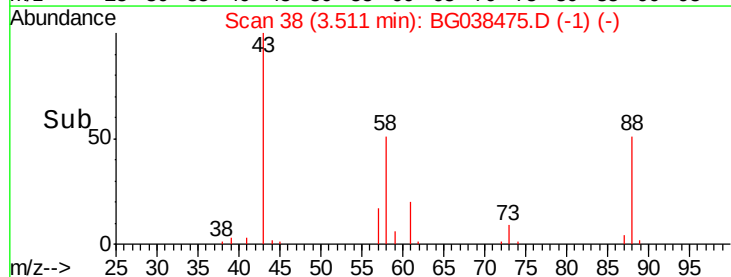
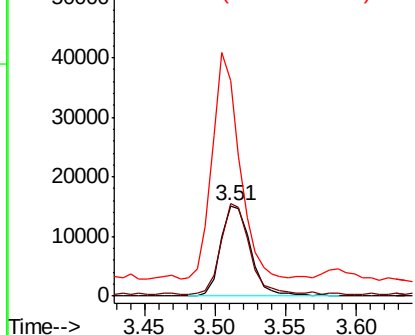
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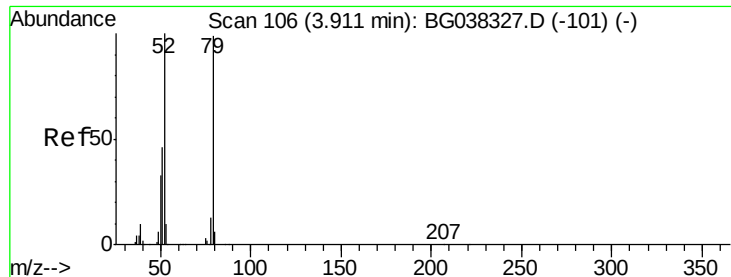
1,4-Dioxane
Concen: 34.662 ng
RT: 3.51 min Scan# 38
Delta R.T. 0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion: 88 Resp: 22211
Ion Ratio Lower Upper
88 100
58 96.0 74.4 111.6
43 232.4 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: 34.723 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

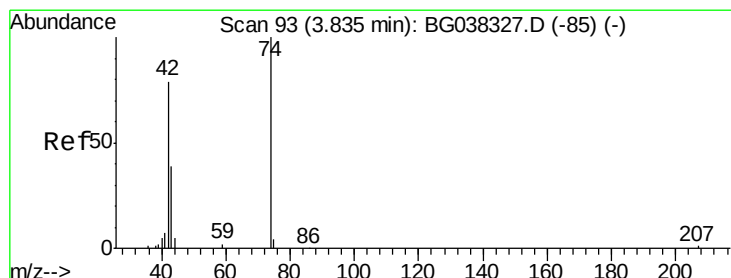
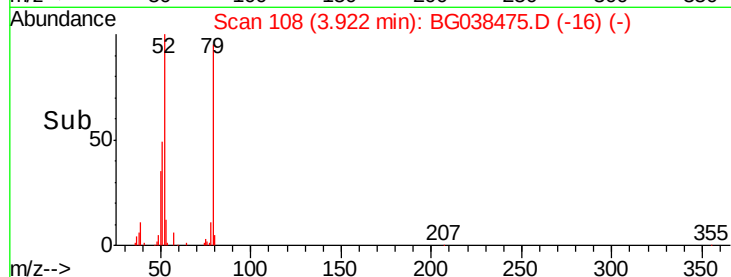
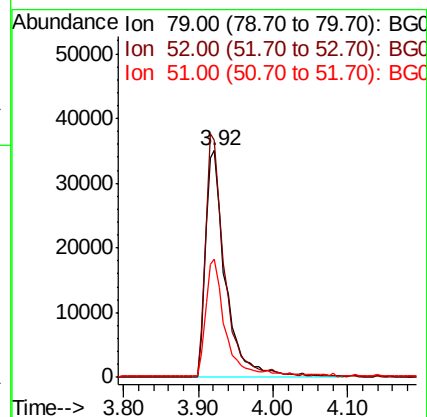
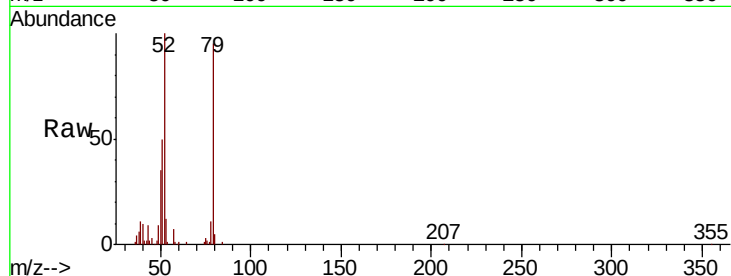
Tgt Ion: 79 Resp: 66565

Ion Ratio Lower Upper

79 100

52 104.8 74.2 111.2

51 52.0 34.6 51.8#



#4

n-Nitrosodimethylamine

Concen: 49.918 ng

RT: 3.83 min Scan# 93

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

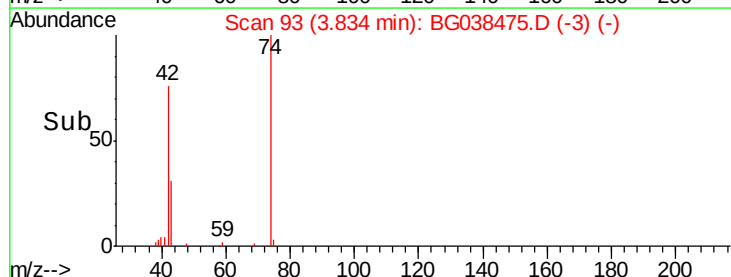
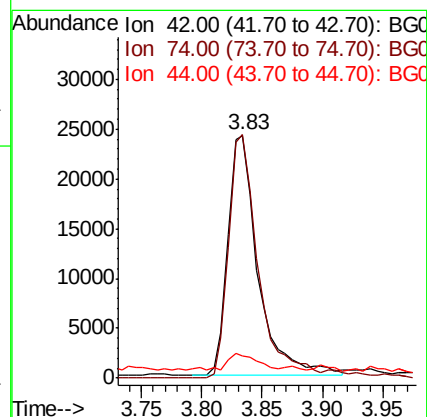
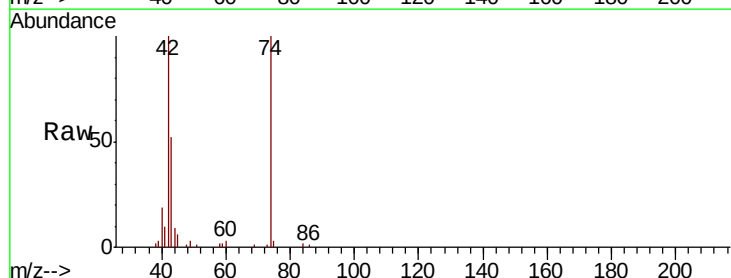
Tgt Ion: 42 Resp: 41918

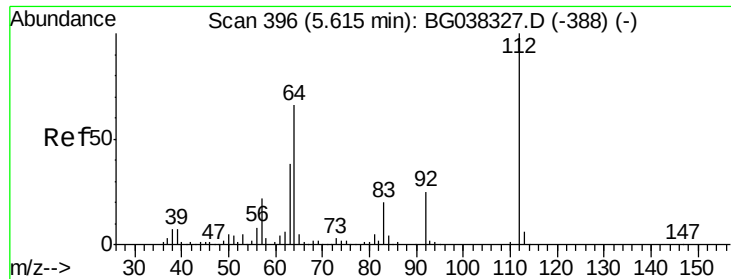
Ion Ratio Lower Upper

42 100

74 100.4 102.0 153.0#

44 9.0 9.6 14.4#





#5

2-Fluorophenol

Concen: 145.679 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

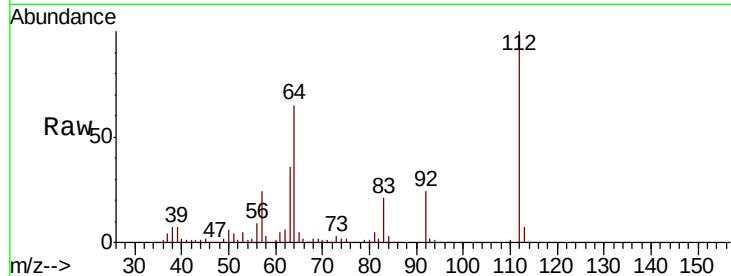
Tgt Ion: 112 Resp: 203679

Ion Ratio Lower Upper

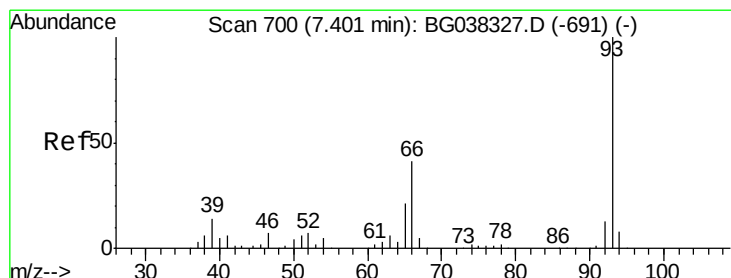
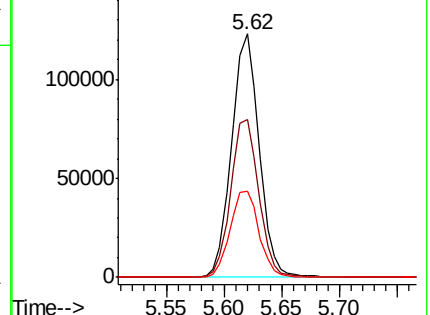
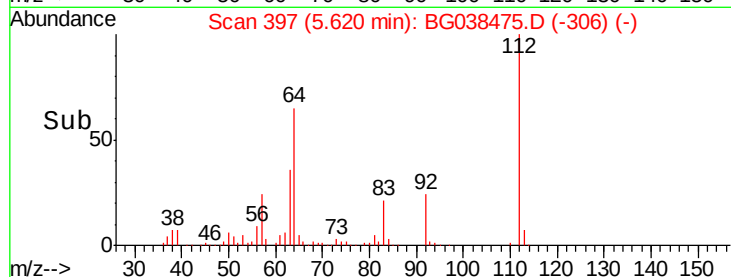
112 100

64 64.8 53.1 79.7

63 35.6 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: 9.637 ng

RT: 7.40 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

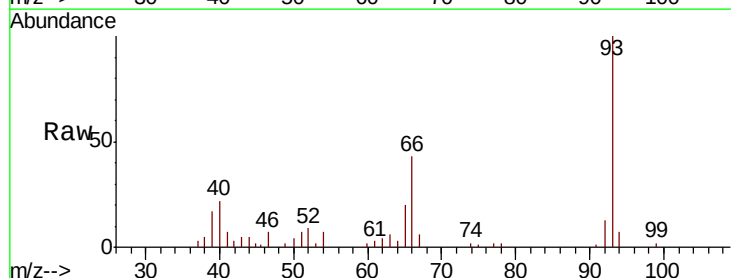
Tgt Ion: 93 Resp: 24872

Ion Ratio Lower Upper

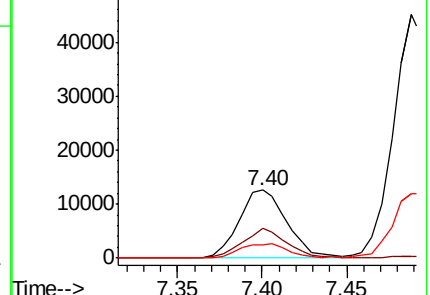
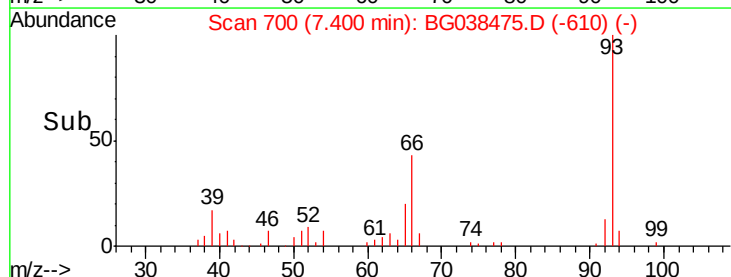
93 100

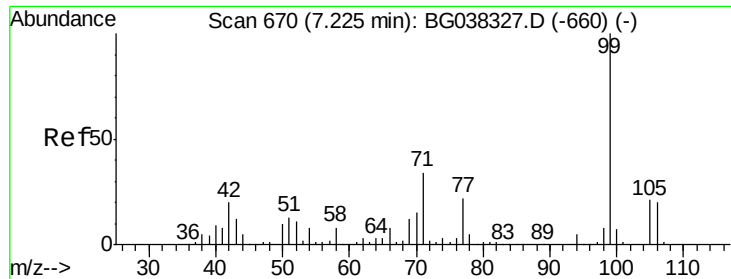
66 43.4 32.8 49.2

65 20.3 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: 127.377 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

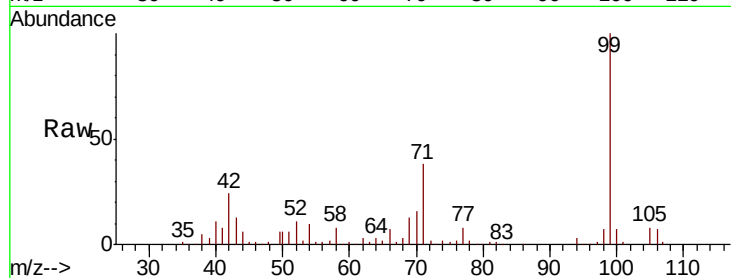
Tgt Ion: 99 Resp: 257400

Ion Ratio Lower Upper

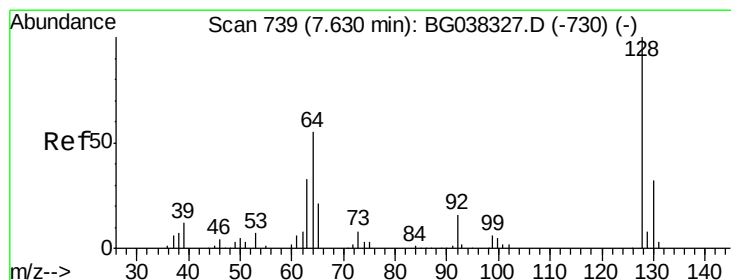
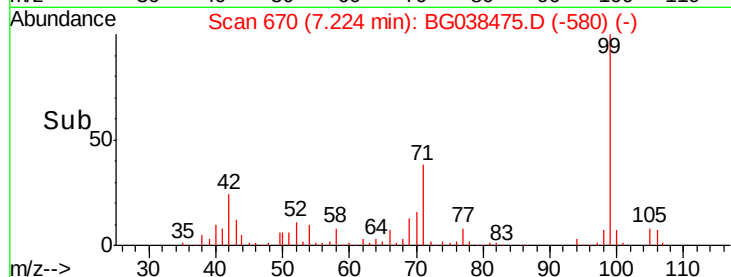
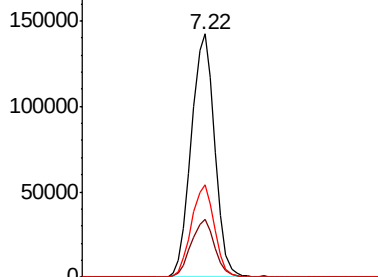
99 100

42 24.1 15.0 22.4#

71 38.1 25.5 38.3



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



#8

2-Chlorophenol

Concen: 48.166 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

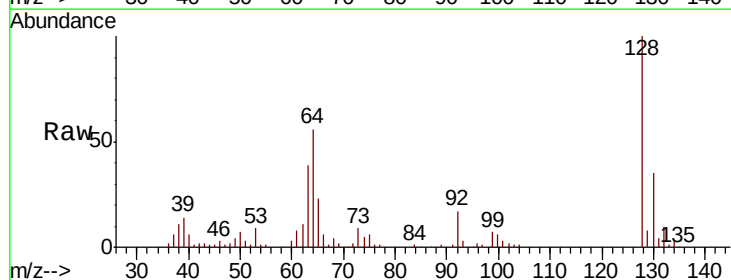
Tgt Ion: 128 Resp: 78211

Ion Ratio Lower Upper

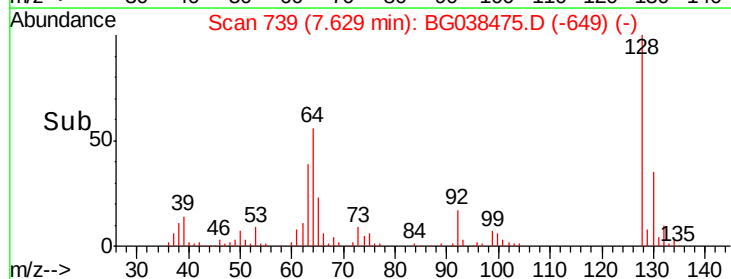
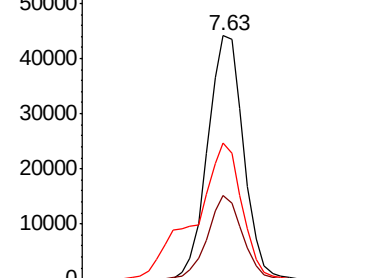
128 100

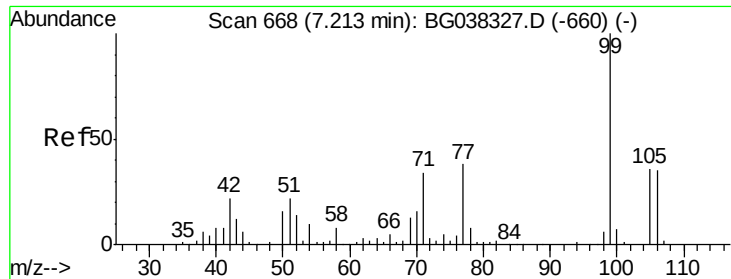
130 34.6 12.0 52.0

64 55.8 32.9 72.9



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





#9

Benzaldehyde

Concen: 27.526 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

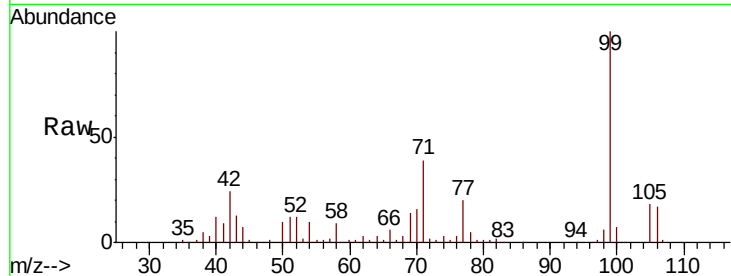
Tgt Ion: 77 Resp: 35222

Ion Ratio Lower Upper

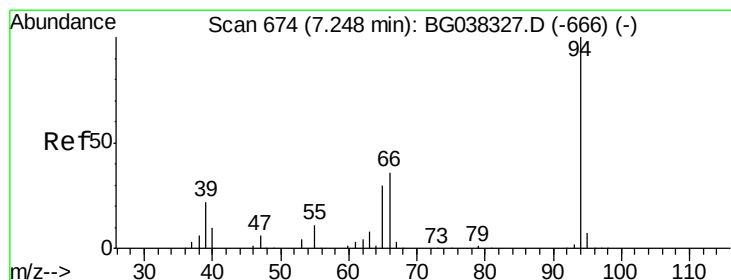
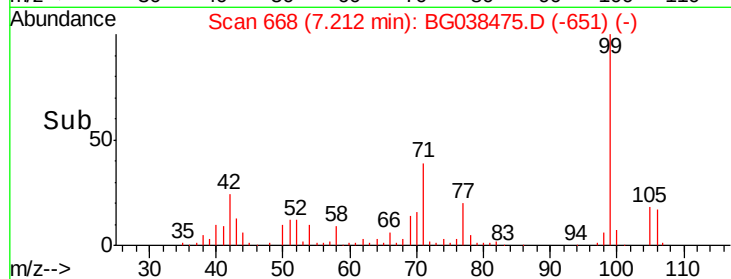
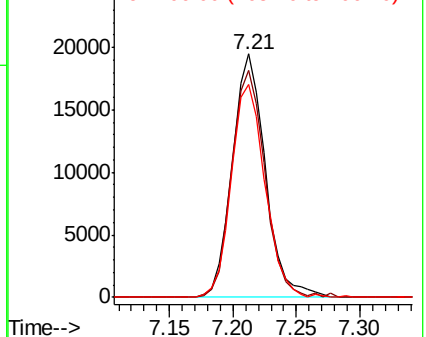
77 100

105 93.0 72.6 112.6

106 87.3 71.3 111.3



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



#10

Phenol

Concen: 41.899 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

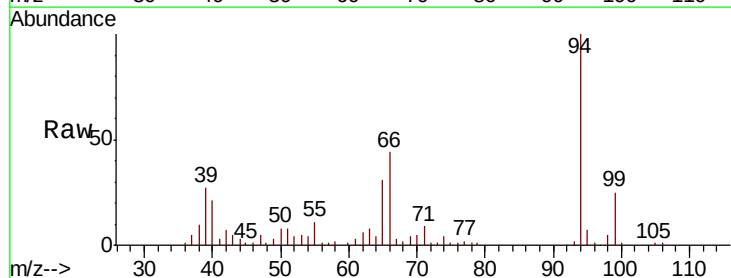
Tgt Ion: 94 Resp: 89458

Ion Ratio Lower Upper

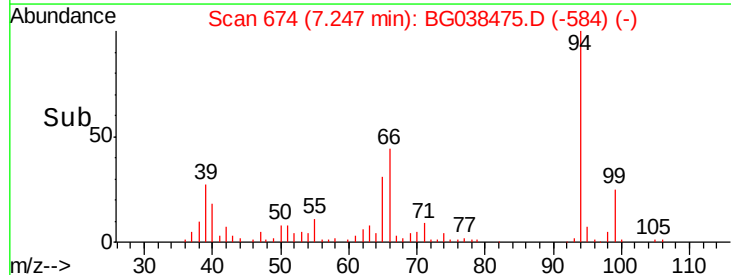
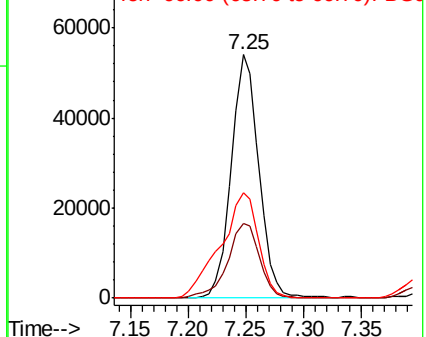
94 100

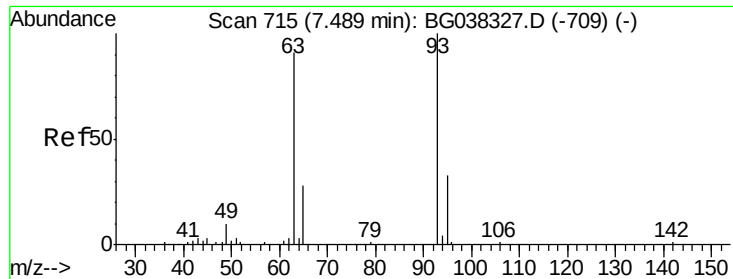
65 30.6 9.7 49.7

66 43.5 15.9 55.9



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





#11

bis(2-Chloroethyl)ether

Concen: 42.354 ng

RT: 7.49 min Scan# 715

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

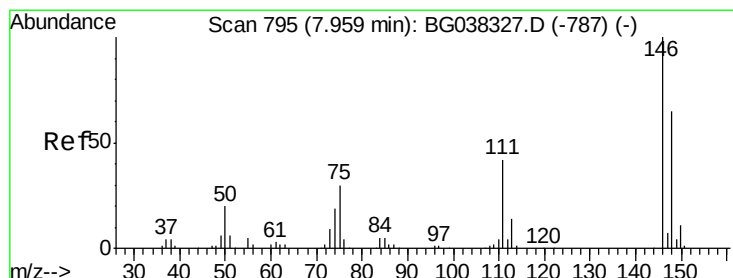
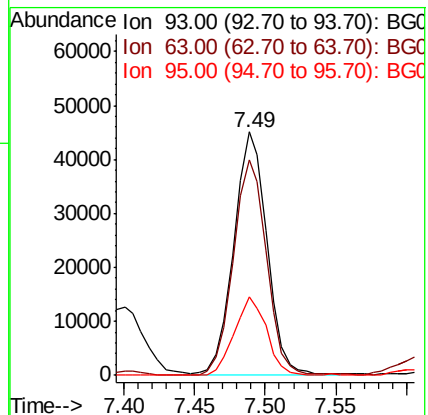
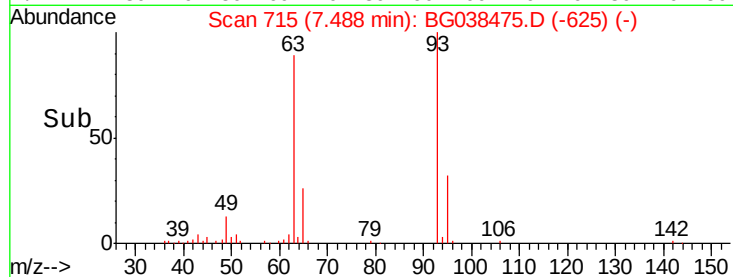
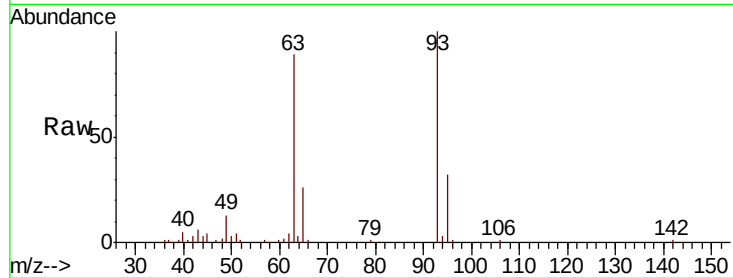
Tgt Ion: 93 Resp: 74060

Ion Ratio Lower Upper

93 100

63 88.7 69.5 109.5

95 32.3 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 43.195 ng

RT: 7.96 min Scan# 795

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

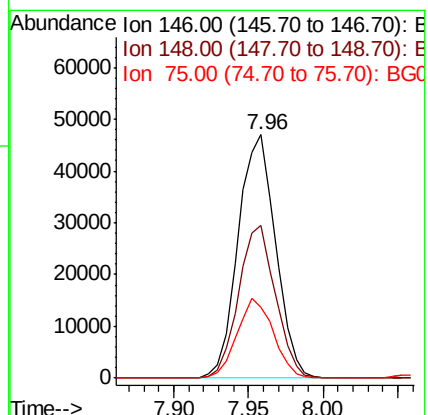
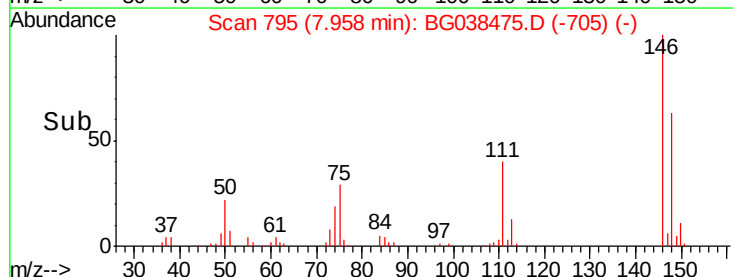
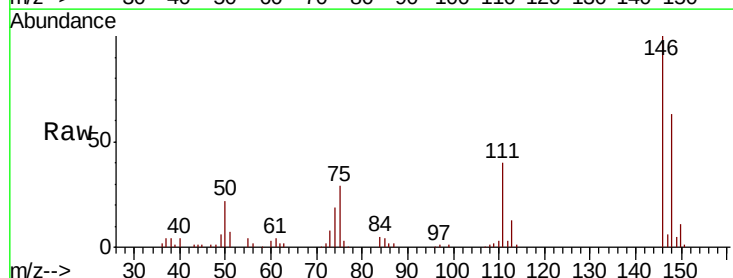
Tgt Ion: 146 Resp: 81976

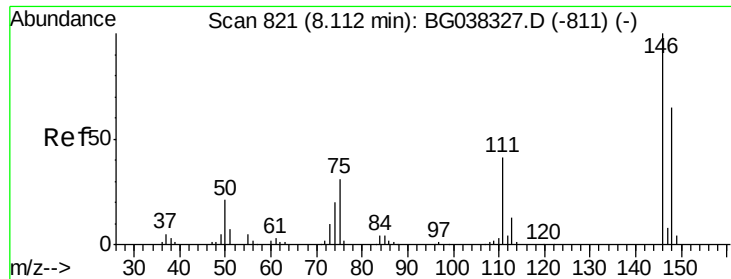
Ion Ratio Lower Upper

146 100

148 62.5 49.8 74.8

75 29.3 23.2 34.8

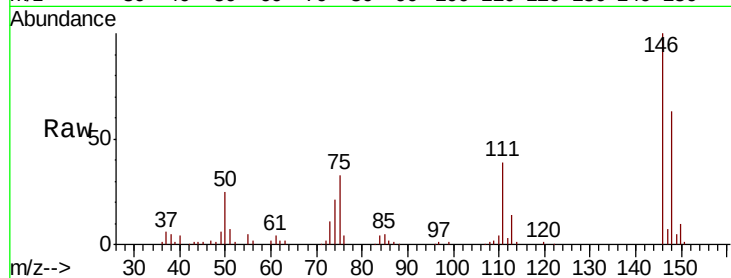




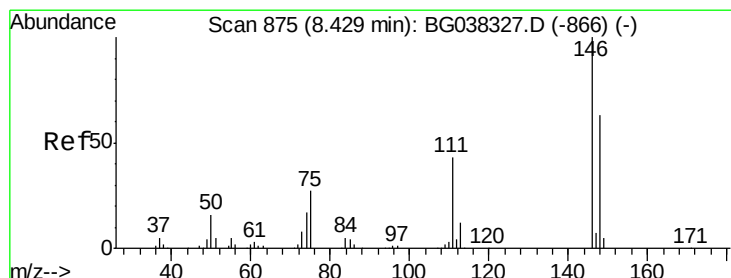
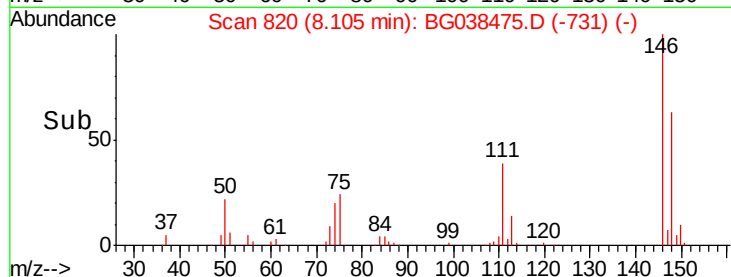
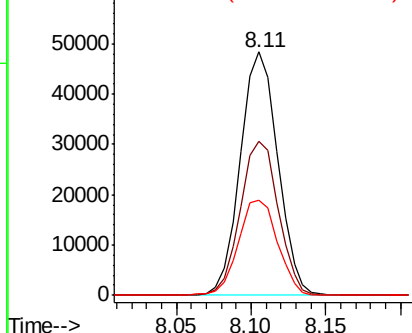
#13
 1,4-Dichlorobenzene
 Concen: 42.847 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:146 Resp: 84133
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.0 76.6
 111 39.0 32.4 48.6

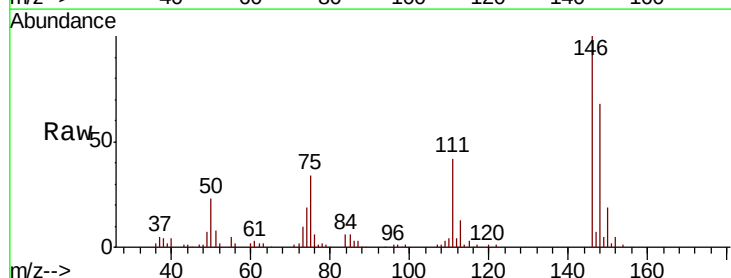


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

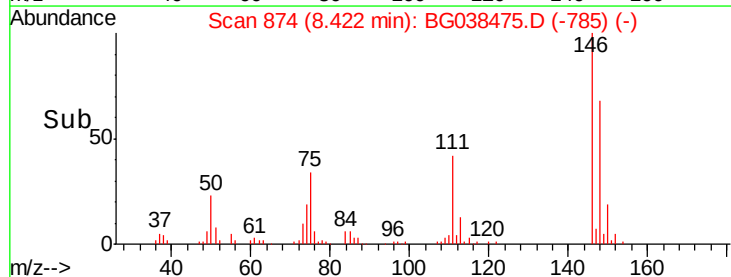
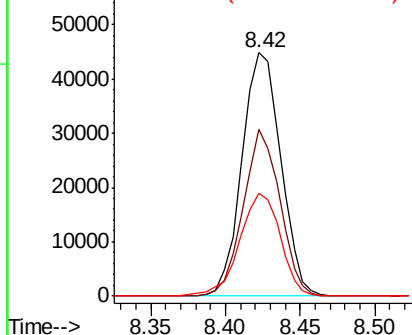


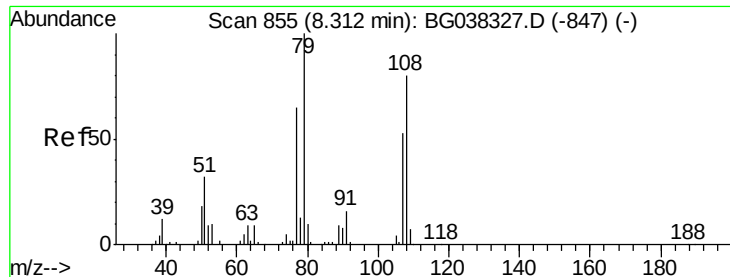
#14
 1,2-Dichlorobenzene
 Concen: 45.797 ng
 RT: 8.42 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:146 Resp: 80686
 Ion Ratio Lower Upper
 146 100
 148 68.3 50.4 75.6
 111 42.5 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: 45.238 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

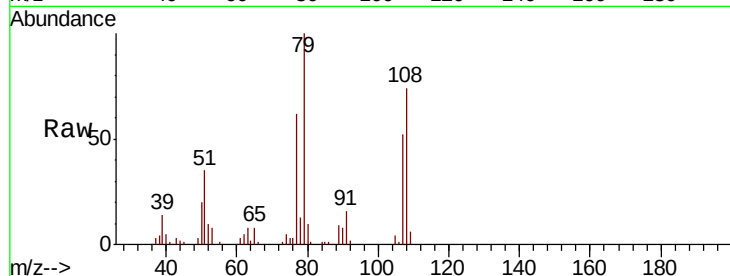
Tgt Ion: 79 Resp: 75156

Ion Ratio Lower Upper

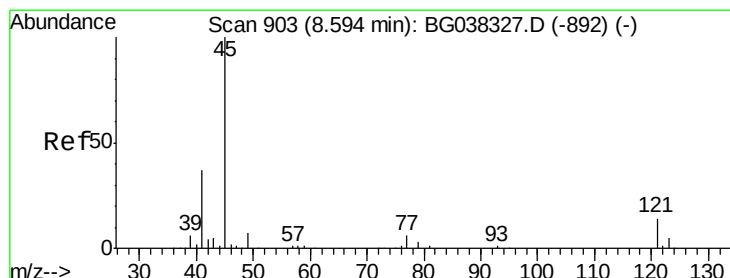
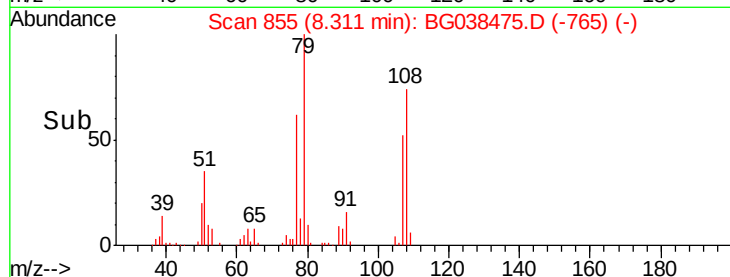
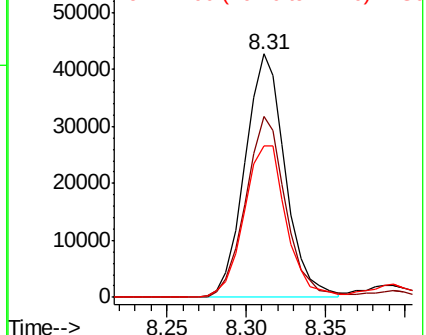
79 100

108 74.1 65.8 98.8

77 62.4 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: 42.500 ng

RT: 8.59 min Scan# 902

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

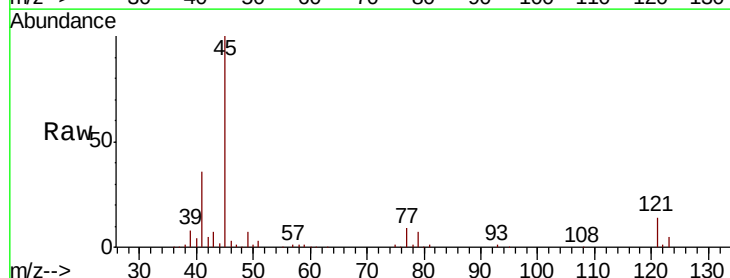
Tgt Ion: 45 Resp: 169036

Ion Ratio Lower Upper

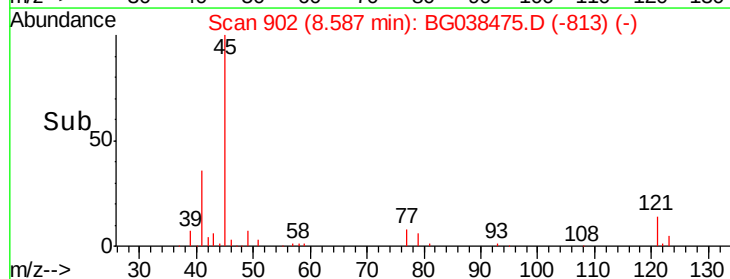
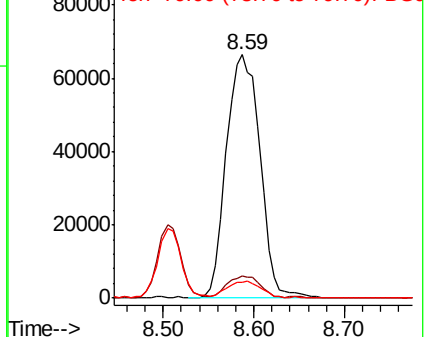
45 100

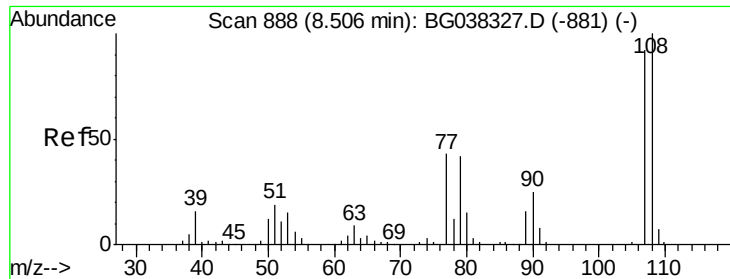
77 9.0 0.0 30.0

79 6.6 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

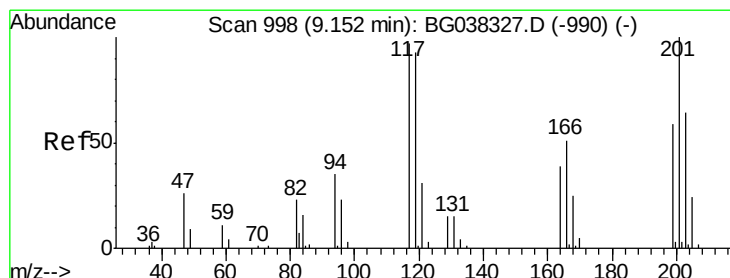
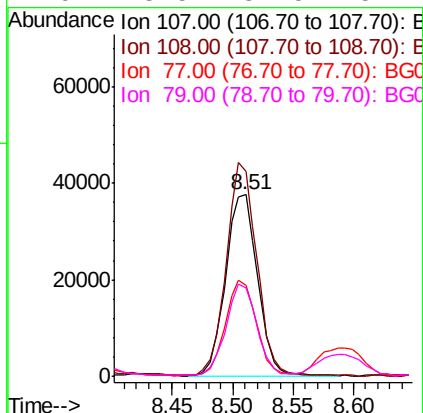
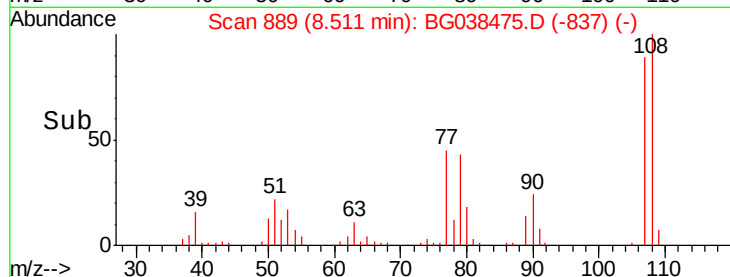
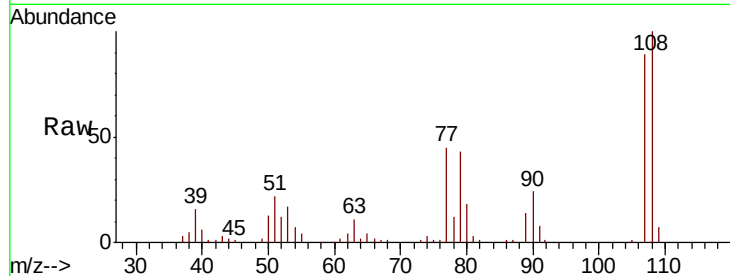




#17
2-Methylphenol
Concen: 47.604 ng
RT: 8.51 min Scan# 889
Delta R.T. 0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

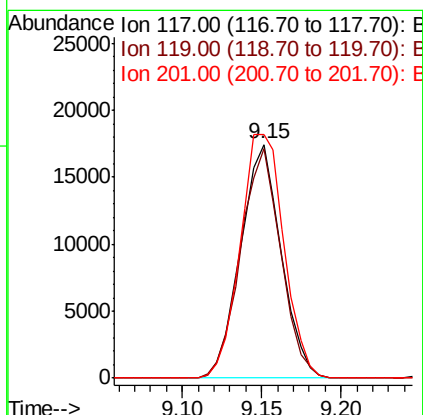
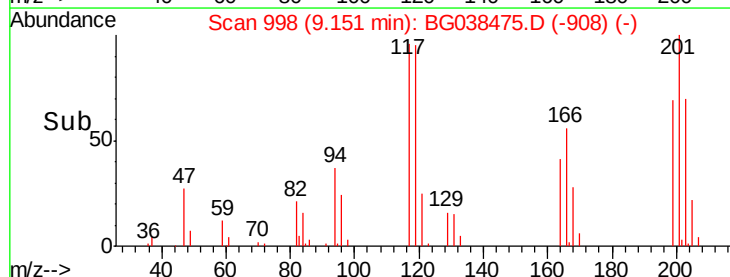
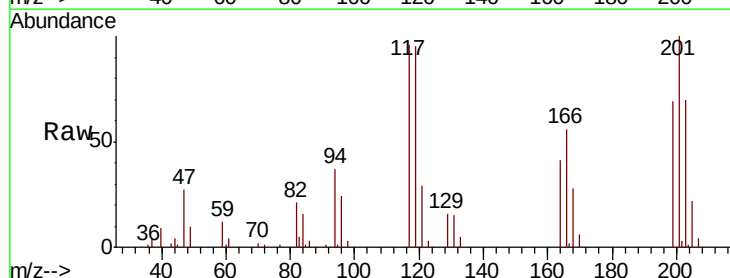
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

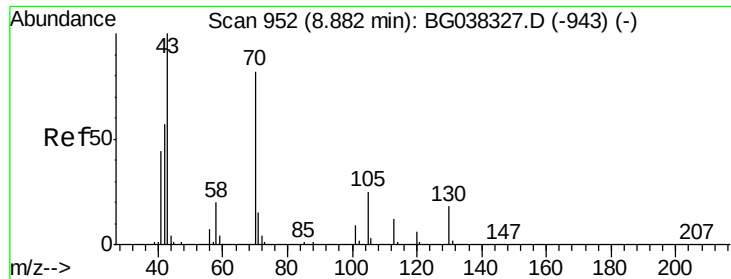
Tgt Ion:107 Resp: 69495
Ion Ratio Lower Upper
107 100
108 112.5 87.9 131.9
77 50.4 35.1 52.7
79 48.5 34.5 51.7



#18
Hexachloroethane
Concen: 43.728 ng
RT: 9.15 min Scan# 998
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:117 Resp: 30990
Ion Ratio Lower Upper
117 100
119 98.3 74.6 111.8
201 104.0 80.8 121.2

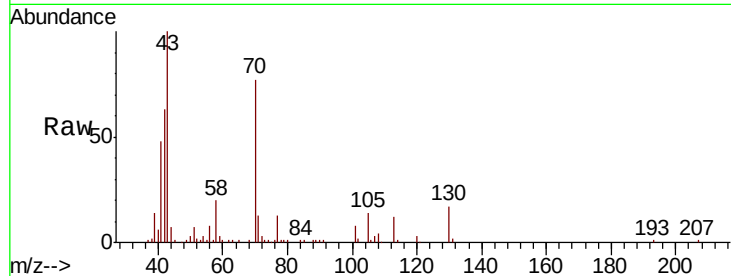




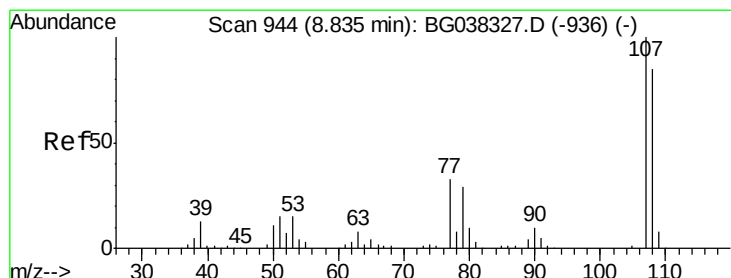
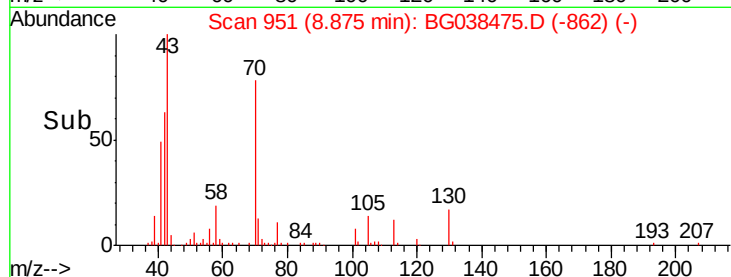
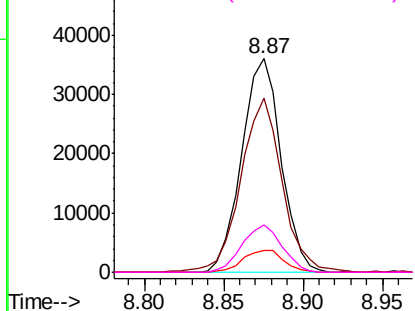
#19
n-Nitroso-di-n-propylamine
Concen: 42.235 ng
RT: 8.87 min Scan# 951
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

Tgt Ion: 70 Resp: 62204
Ion Ratio Lower Upper
70 100
42 81.5 53.9 80.9#
101 10.1 8.2 12.2
130 22.2 18.2 27.4

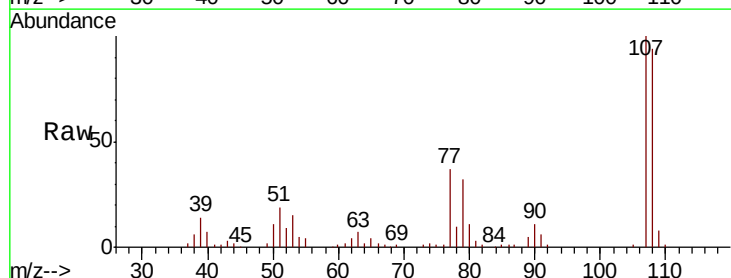


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

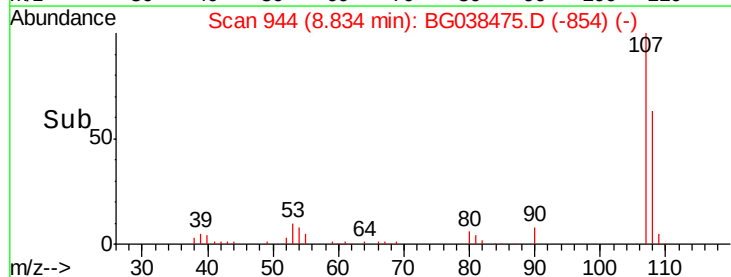
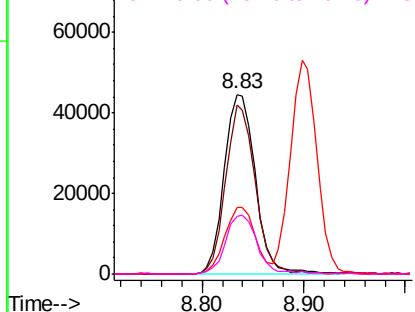


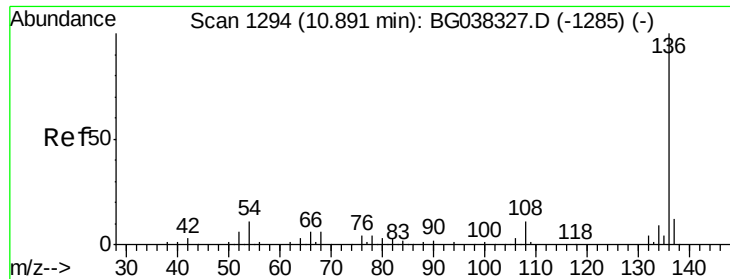
#20
3+4-Methylphenols
Concen: 44.111 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:107 Resp: 94881
Ion Ratio Lower Upper
107 100
108 94.4 69.9 109.9
77 37.2 11.2 51.2
79 31.8 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

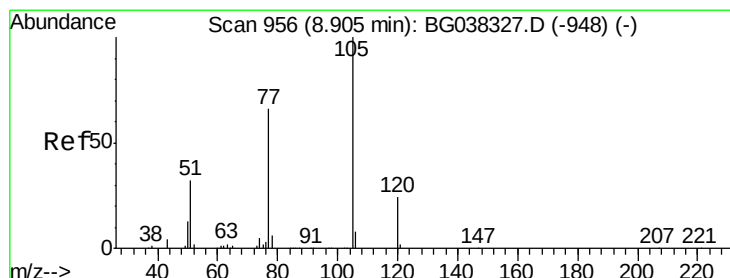
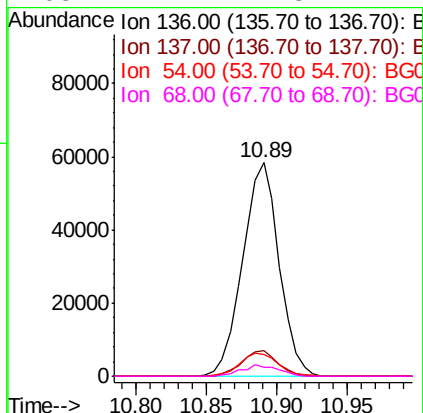
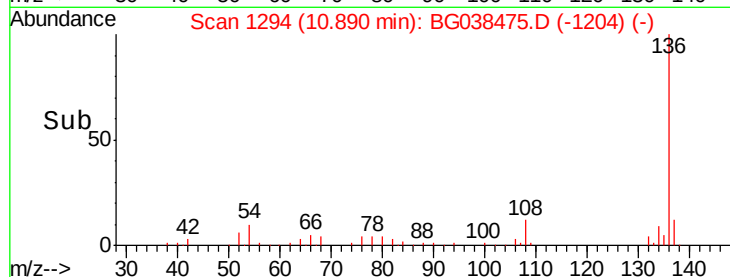
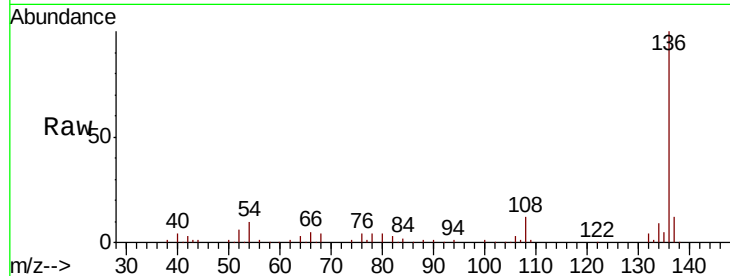




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.89 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

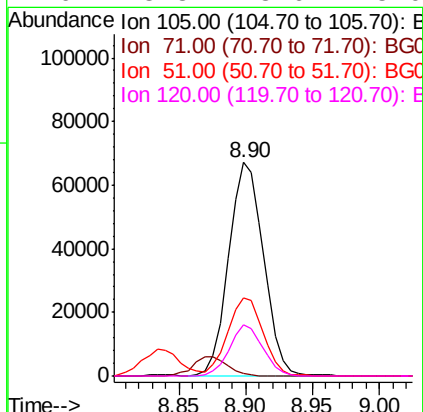
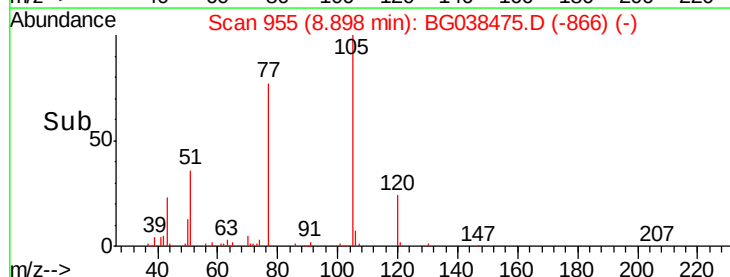
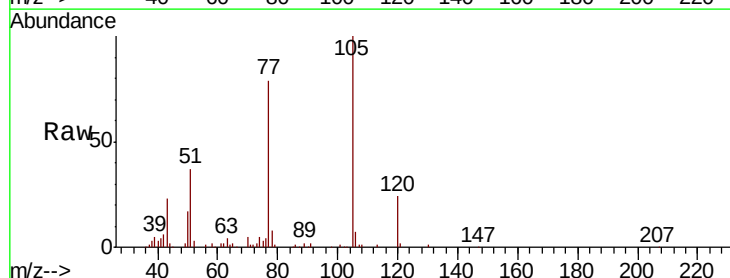
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

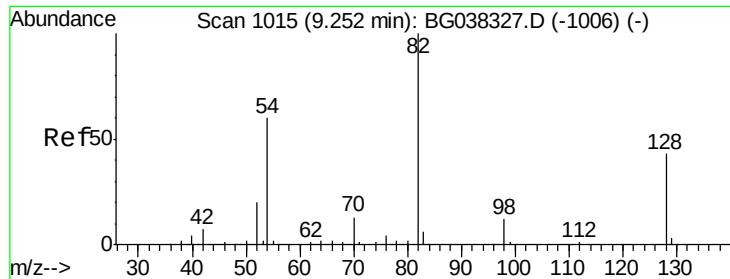
Tgt Ion:	136	Resp:	105515
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.2	7.9	11.9
68	4.2	4.8	7.2#



#22
Acetophenone
Concen: 48.517 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:	105	Resp:	122161
Ion	Ratio	Lower	Upper
105	100		
71	0.9	1.2	1.8#
51	36.8	25.0	37.6
120	23.8	18.6	28.0

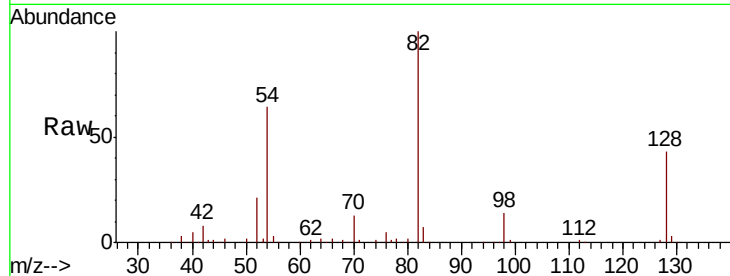




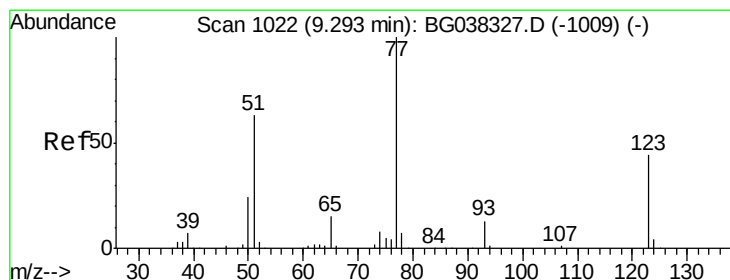
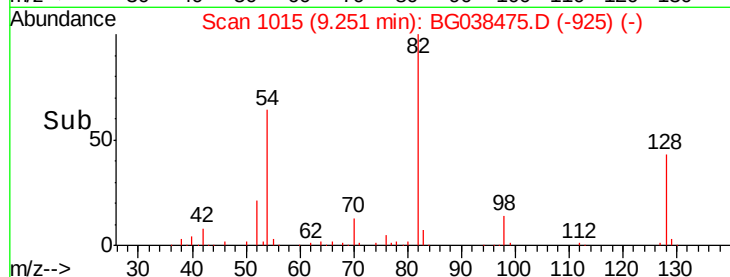
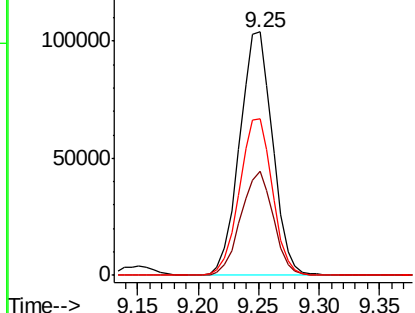
#23
 Nitrobenzene-d5
 Concen: 93.371 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	51.8
54	64.4	45.3	67.9

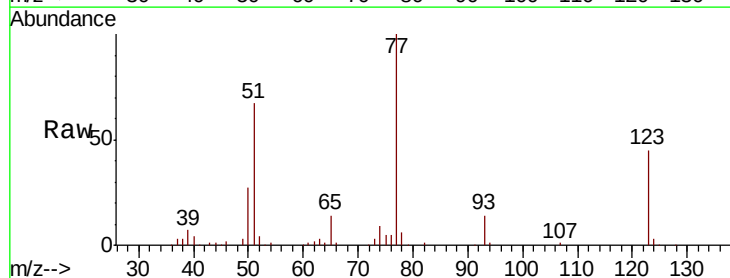


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

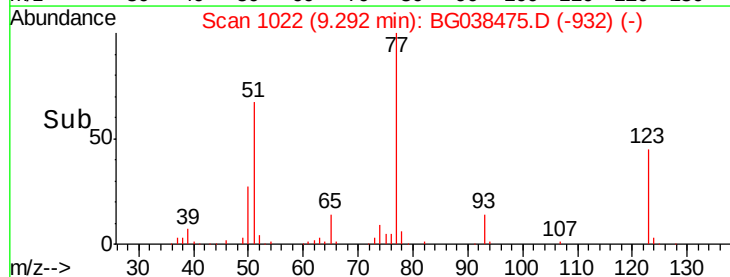
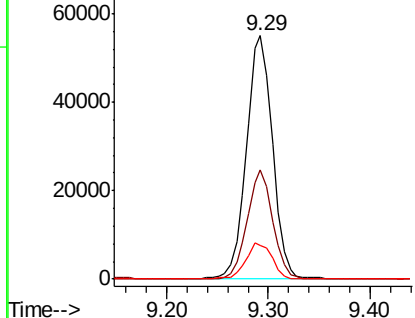


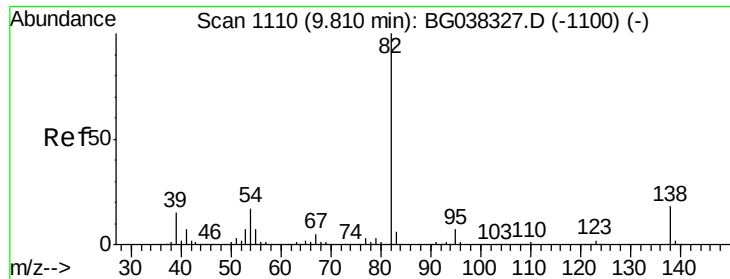
#24
 Nitrobenzene
 Concen: 45.373 ng
 RT: 9.29 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	33.6	50.4
65	13.9	11.3	16.9



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

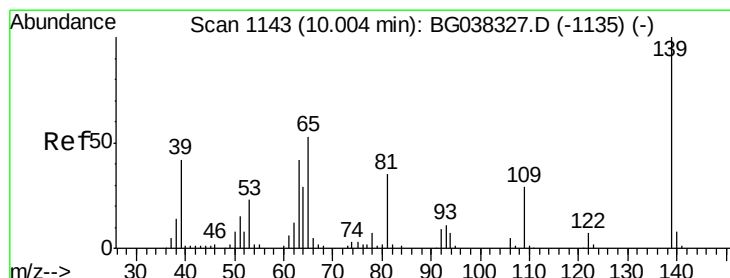
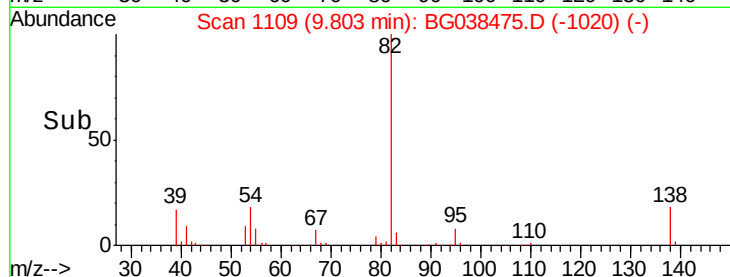
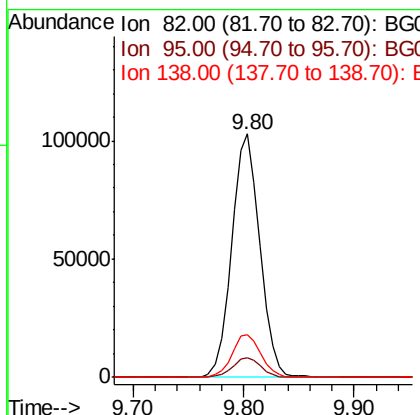
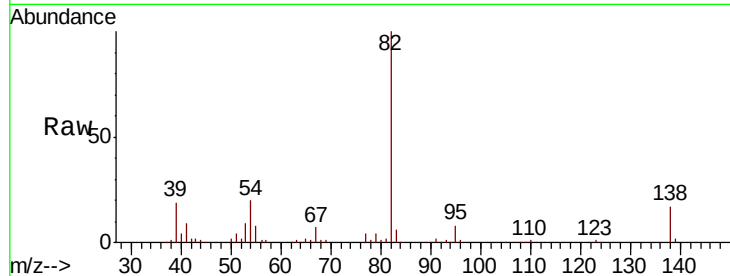




#25
Isophorone
Concen: 49.183 ng
RT: 9.80 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

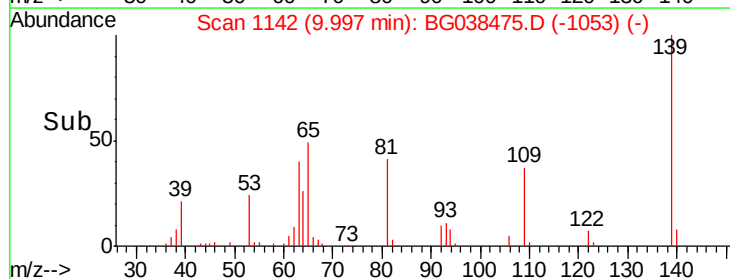
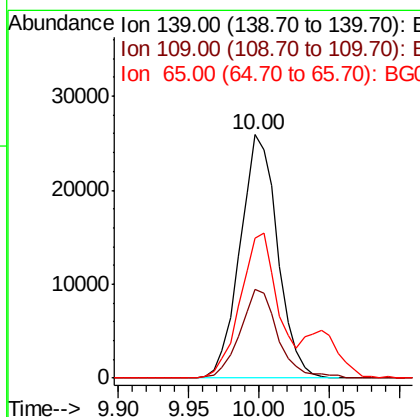
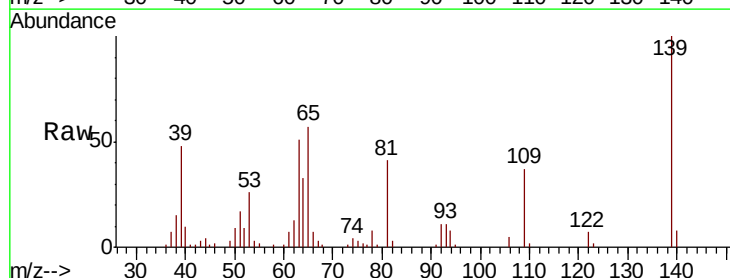
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

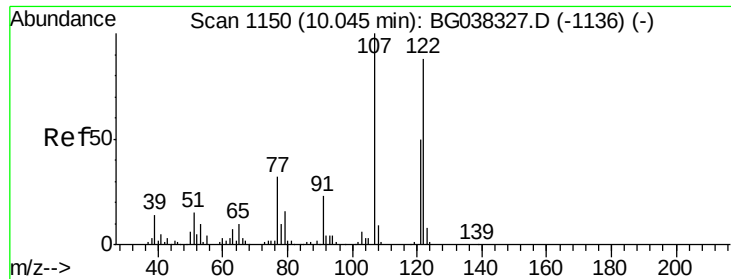
Tgt Ion: 82 Resp: 183692
Ion Ratio Lower Upper
82 100
95 8.0 5.3 7.9#
138 17.3 13.3 19.9



#26
2-Nitrophenol
Concen: 48.041 ng
RT: 10.00 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion: 139 Resp: 48064
Ion Ratio Lower Upper
139 100
109 36.5 23.3 34.9#
65 57.3 39.8 59.8

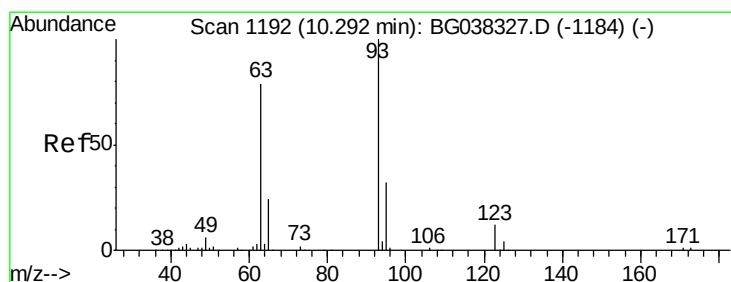
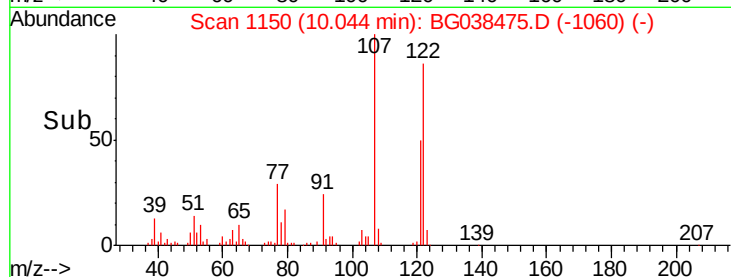
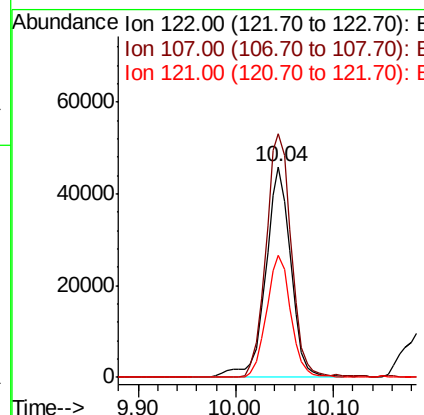
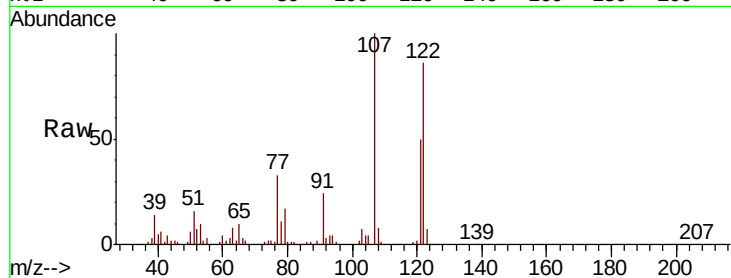




#27
 2,4-Dimethylphenol
 Concen: 57.857 ng
 RT: 10.04 min Scan# 1150
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

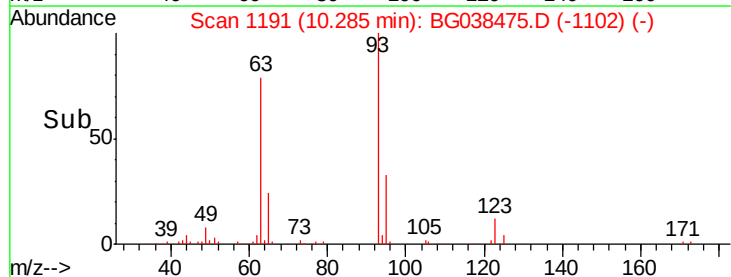
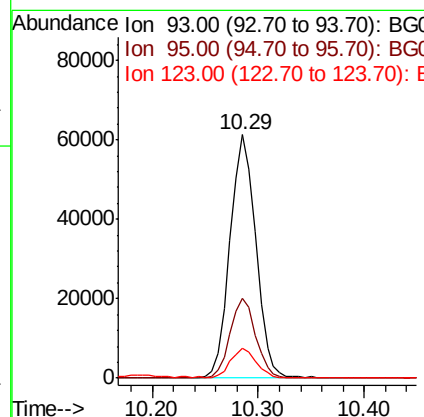
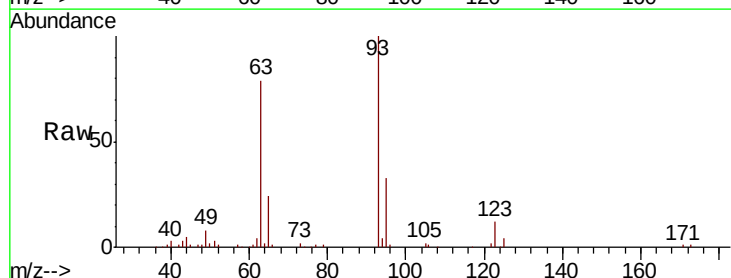
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

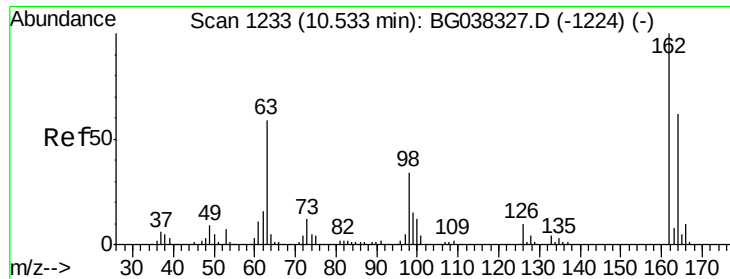
Tgt Ion:122 Resp: 83141
 Ion Ratio Lower Upper
 122 100
 107 115.6 94.2 141.2
 121 57.9 47.3 70.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.486 ng
 RT: 10.29 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion: 93 Resp: 103813
 Ion Ratio Lower Upper
 93 100
 95 32.7 24.6 37.0
 123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.489 ng

RT: 10.53 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

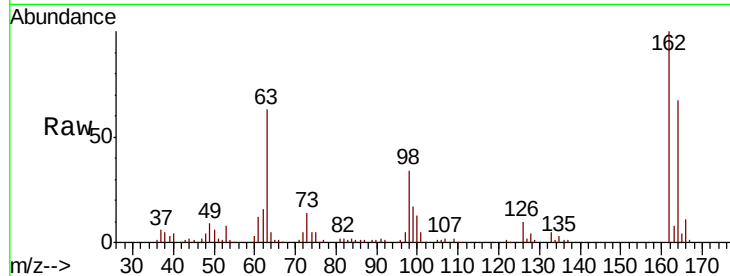
Tgt Ion:162 Resp: 87742

Ion Ratio Lower Upper

162 100

164 67.1 43.2 83.2

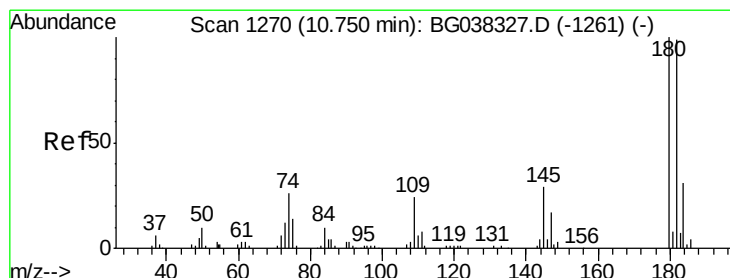
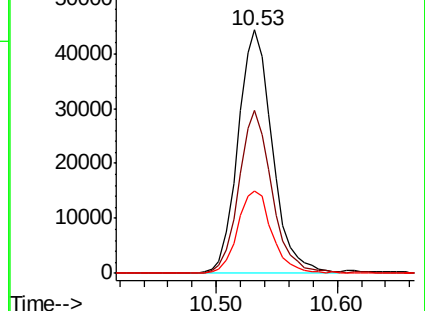
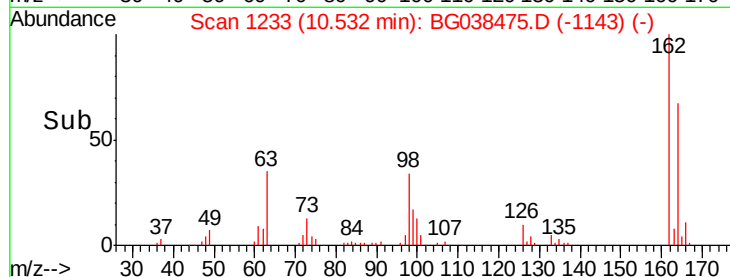
98 33.9 16.0 56.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 47.036 ng

RT: 10.74 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

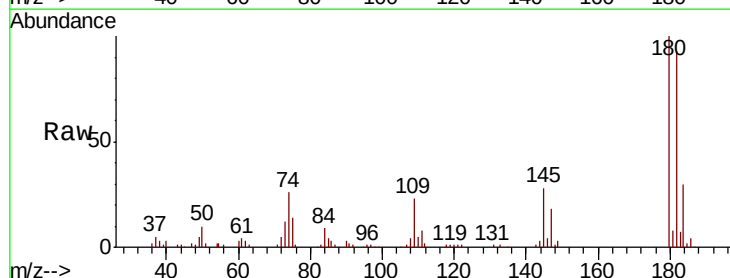
Tgt Ion:180 Resp: 90573

Ion Ratio Lower Upper

180 100

182 93.2 77.7 116.5

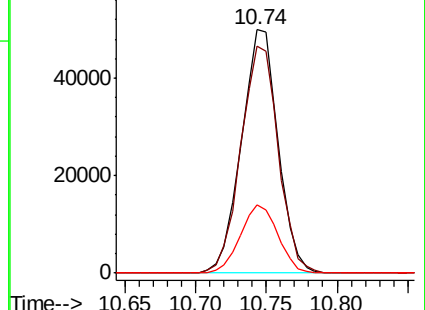
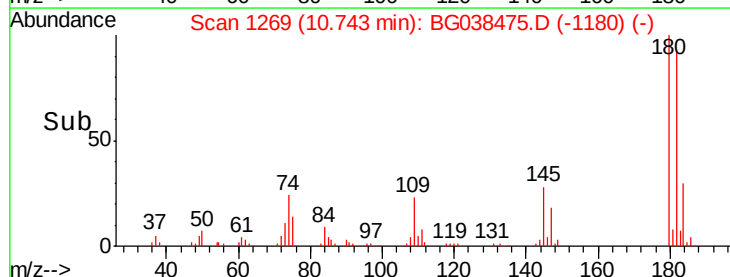
145 27.9 23.3 34.9

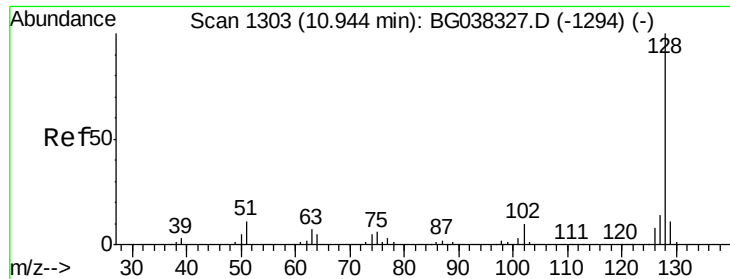


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

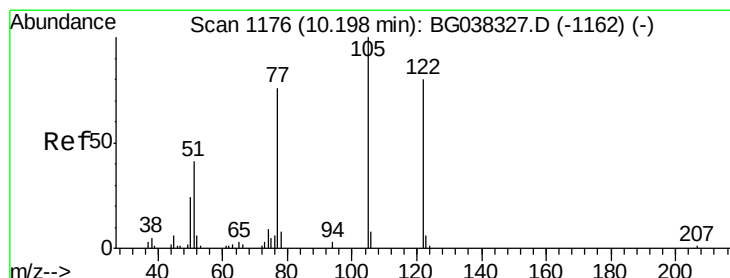
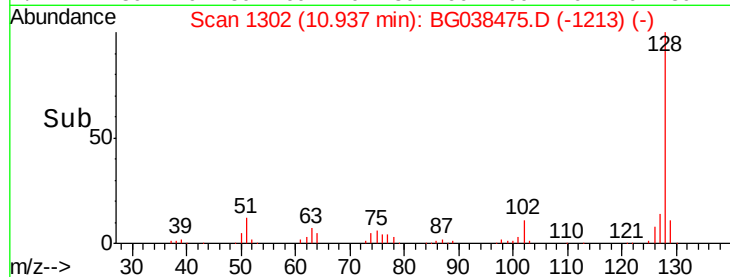
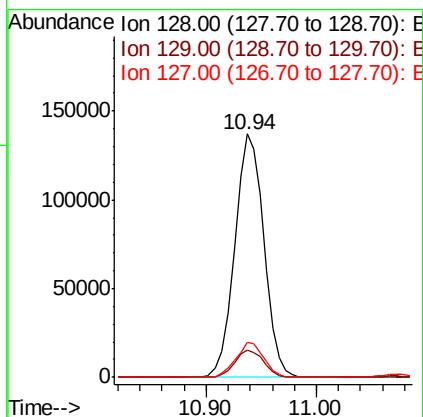
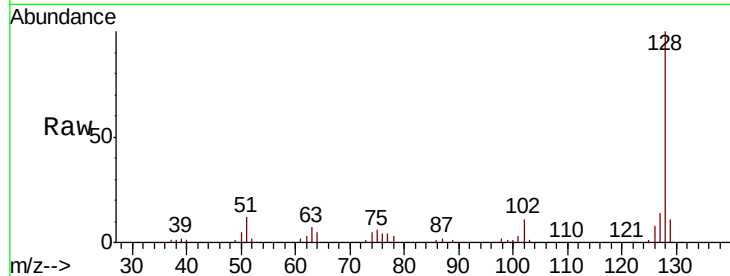




#31
Naphthalene
Concen: 50.162 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

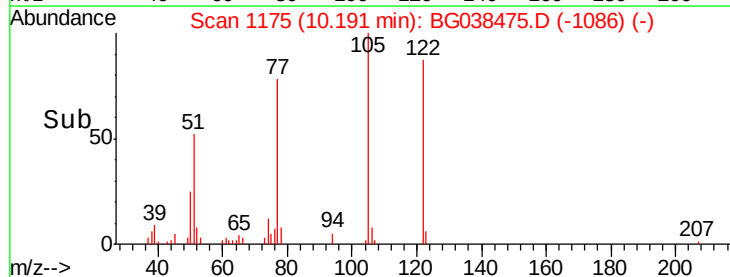
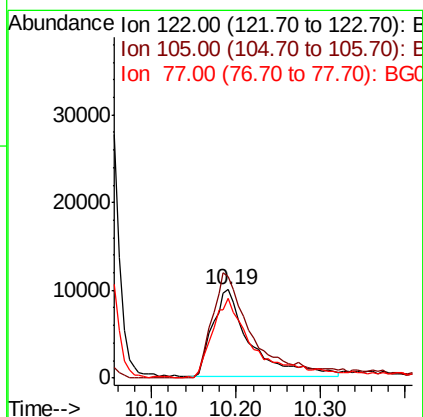
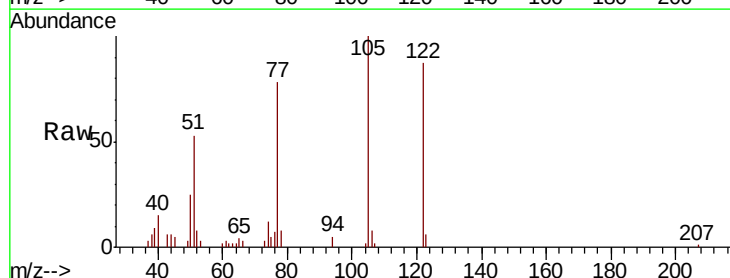
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

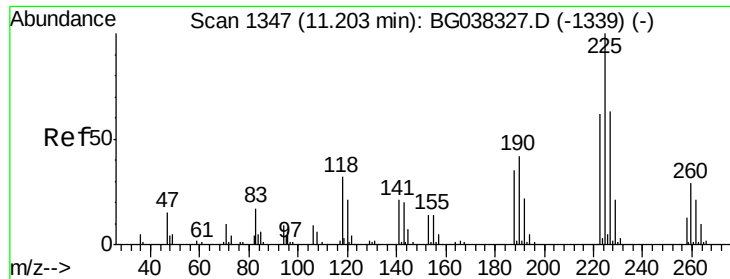
Tgt Ion:128 Resp: 252827
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 14.2 11.1 16.7



#32
Benzoic acid
Concen: 32.321 ng
RT: 10.19 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:122 Resp: 31213
Ion Ratio Lower Upper
122 100
105 114.5 106.7 146.7
77 89.9 72.2 112.2

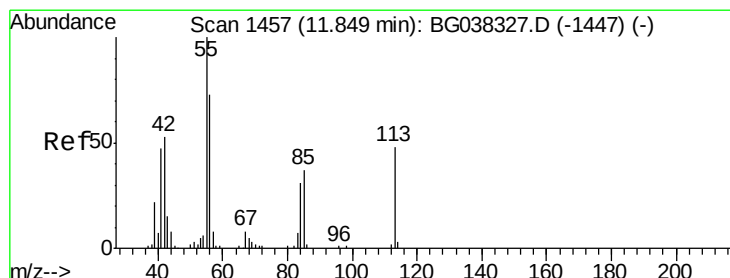
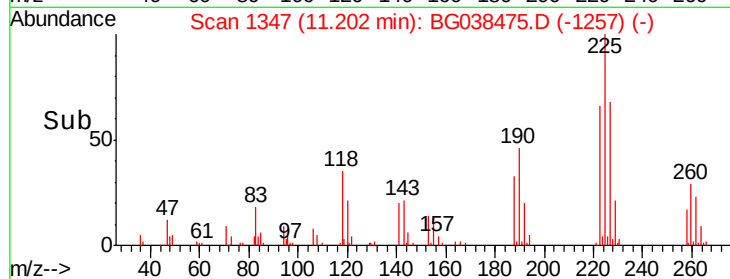
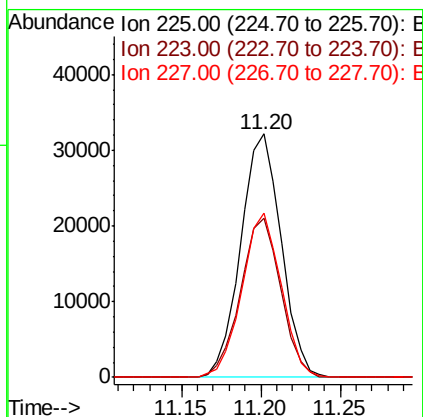
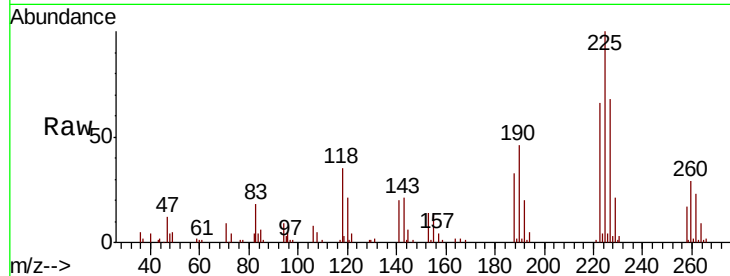




#34
Hexachlorobutadiene
Concen: 47.304 ng
RT: 11.20 min Scan# 1347
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

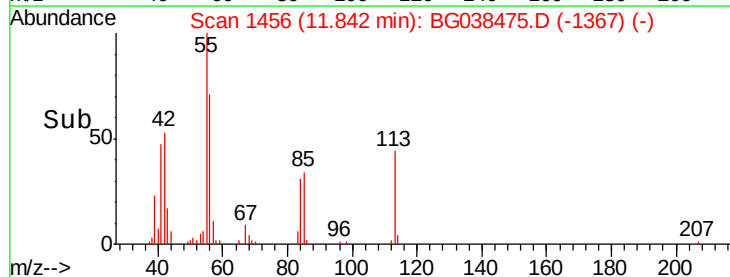
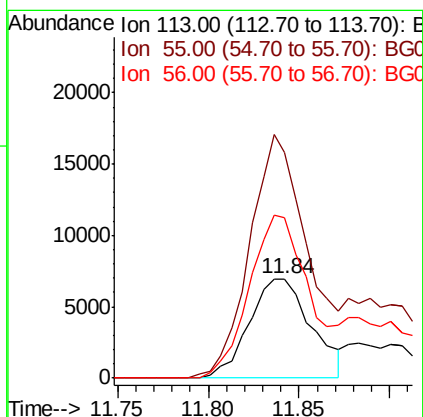
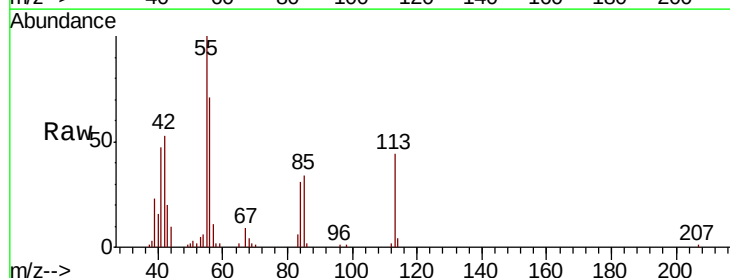
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

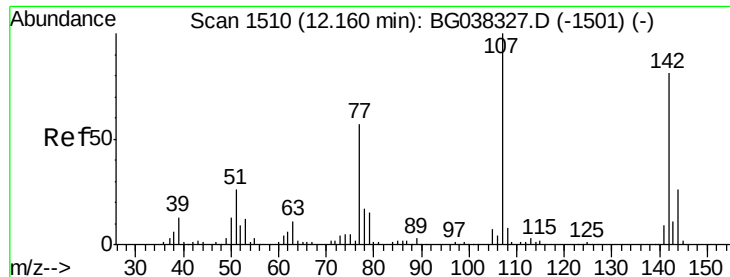
Tgt Ion: 225 Resp: 56986
Ion Ratio Lower Upper
225 100
223 66.4 48.2 72.4
227 67.3 51.6 77.4



#35
Caprolactam
Concen: 24.294 ng
RT: 11.84 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion: 113 Resp: 16480
Ion Ratio Lower Upper
113 100
55 227.1 176.6 216.6#
56 160.5 128.3 168.3

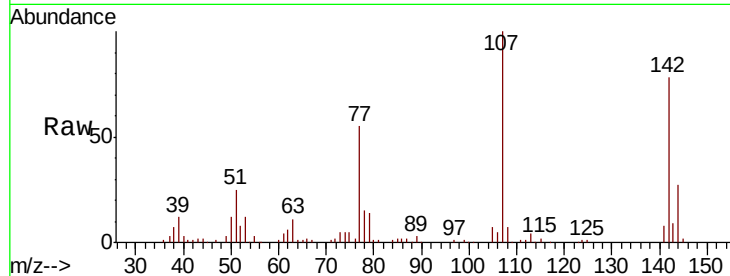




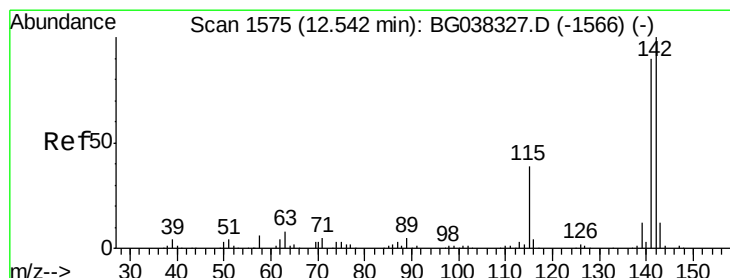
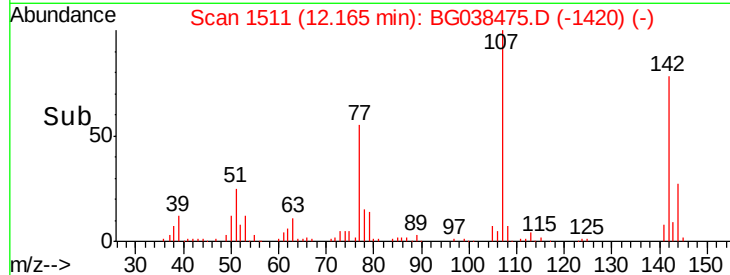
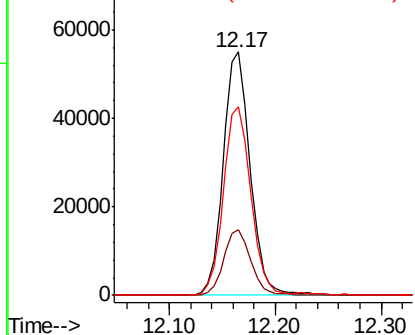
#36
 4-Chloro-3-methylphenol
 Concen: 53.255 ng
 RT: 12.17 min Scan# 1511
 Delta R.T. 0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:107 Resp: 97060
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.7 31.1
 142 77.6 64.4 96.6

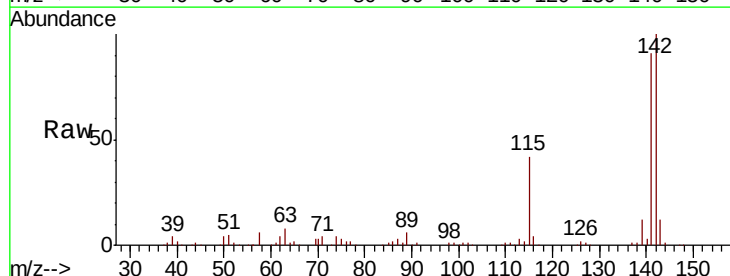


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

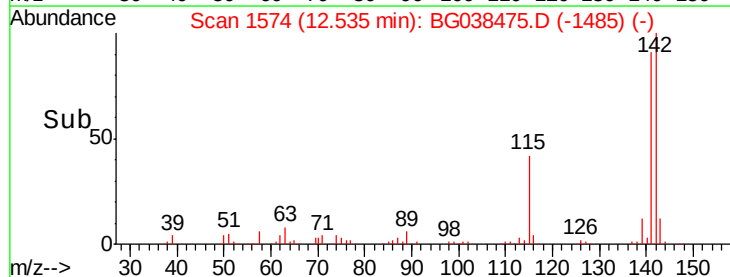
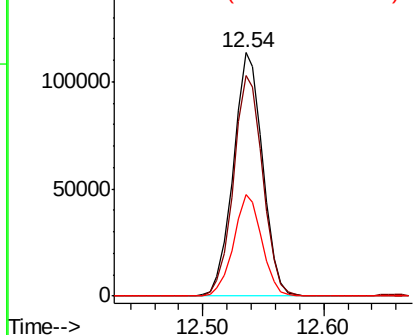


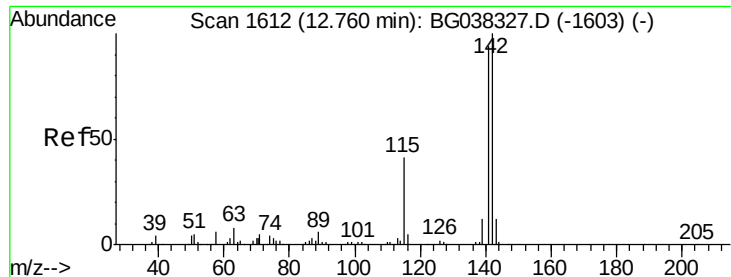
#37
 2-Methylnaphthalene
 Concen: 53.551 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:142 Resp: 192214
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.9 107.9
 115 41.5 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

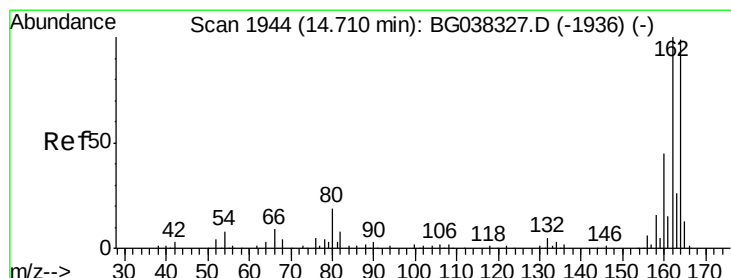
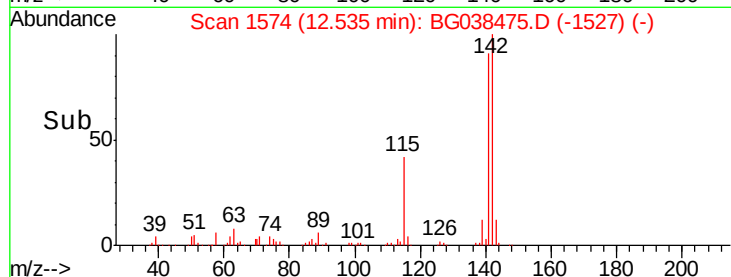
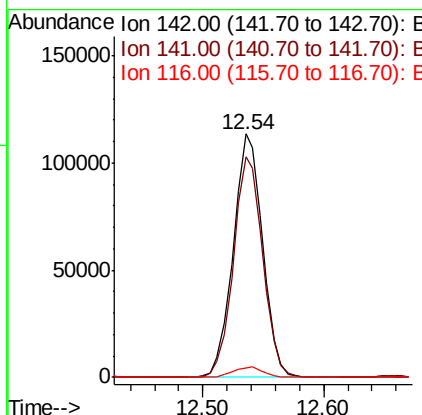
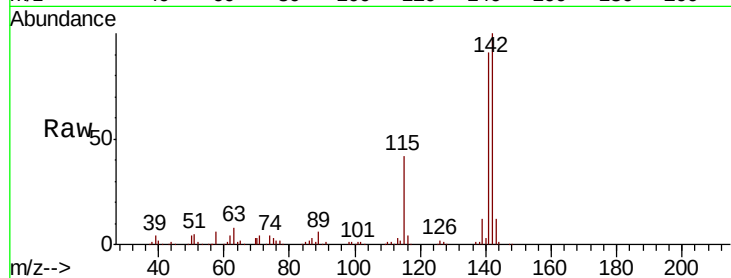




#38
 1-Methylnaphthalene
 Concen: 55.912 ng
 RT: 12.54 min Scan# 1574
 Delta R.T. -0.22 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

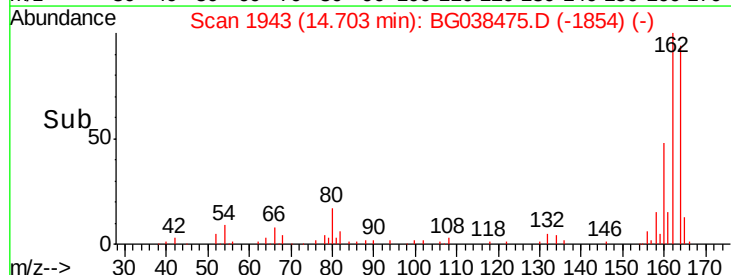
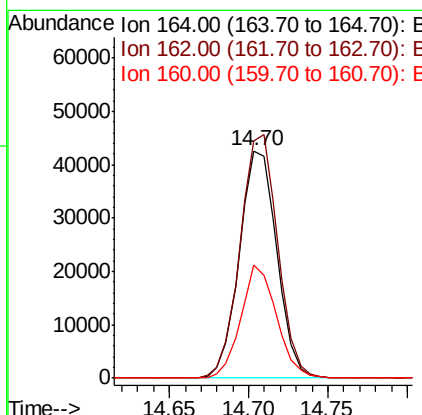
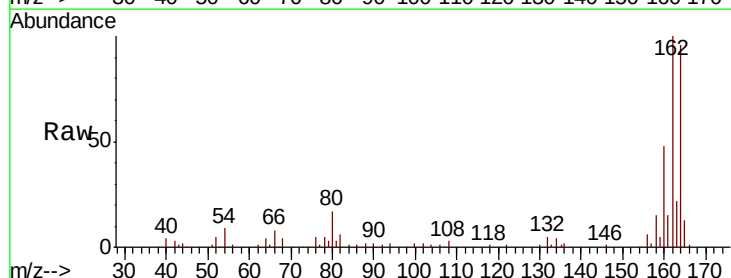
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

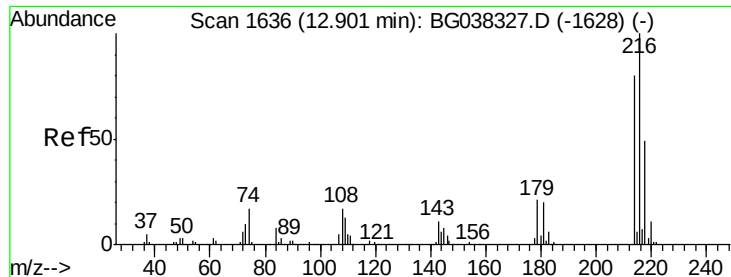
Tgt Ion:142 Resp: 192214
 Ion Ratio Lower Upper
 142 100
 141 90.7 75.2 112.8
 116 4.0 3.3 4.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:164 Resp: 69815
 Ion Ratio Lower Upper
 164 100
 162 104.4 81.3 121.9
 160 49.8 36.3 54.5

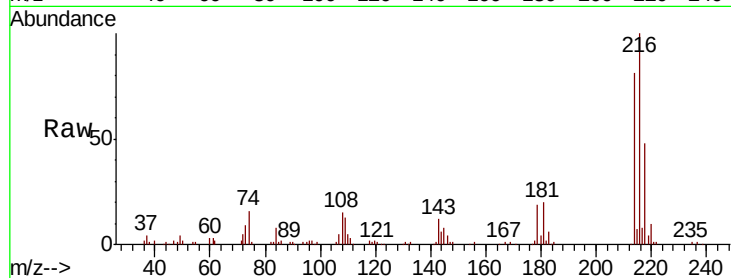




#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.310 ng
 RT: 12.90 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:	216	Resp:	111252
Ion	Ratio	Lower	Upper
216	100		
214	80.9	63.8	95.6
179	20.3	17.4	26.0
108	18.5	13.9	20.9



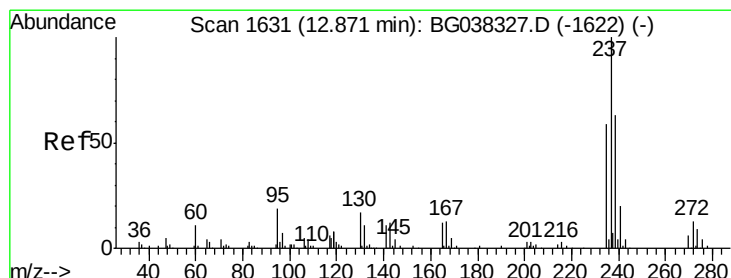
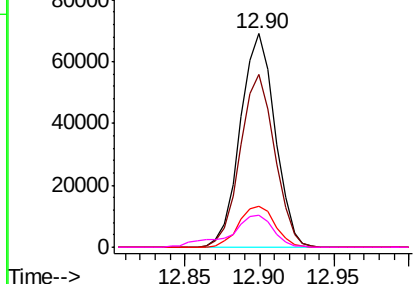
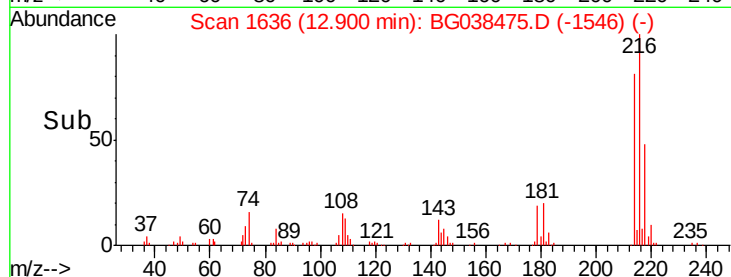
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

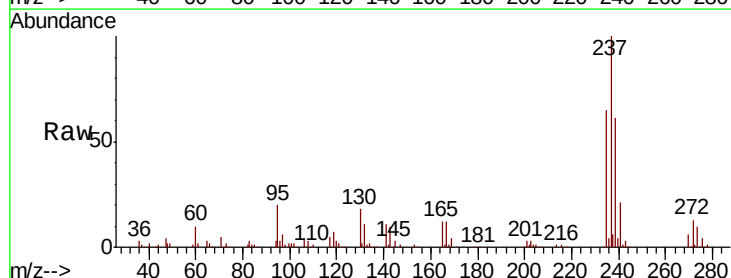
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#41
 Hexachlorocyclopentadiene
 Concen: 92.841 ng
 RT: 12.86 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:	237	Resp:	122566
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.5	82.5
272	13.2	0.0	31.6

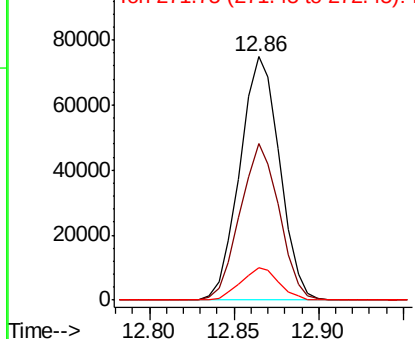
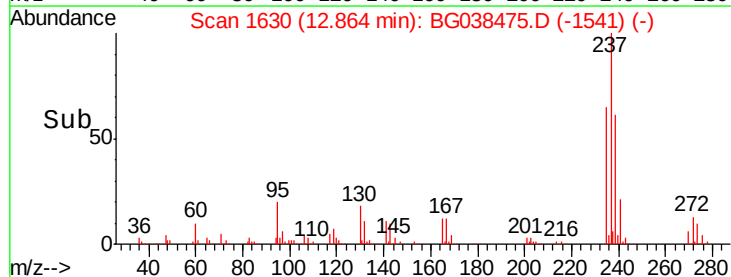


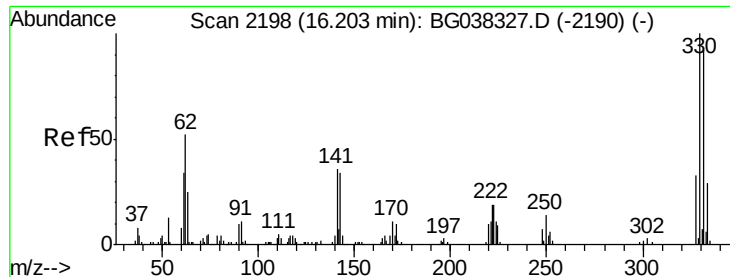
Abundance

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: 170.772 ng

RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

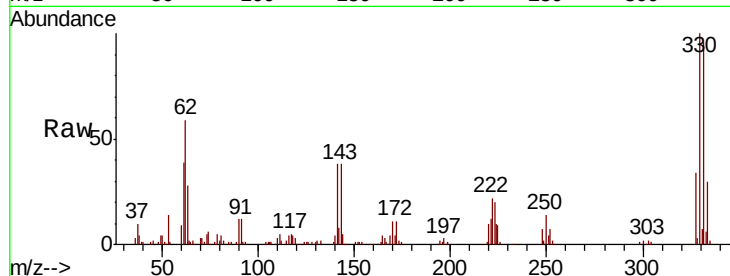
Tgt Ion:330 Resp: 146363

Ion Ratio Lower Upper

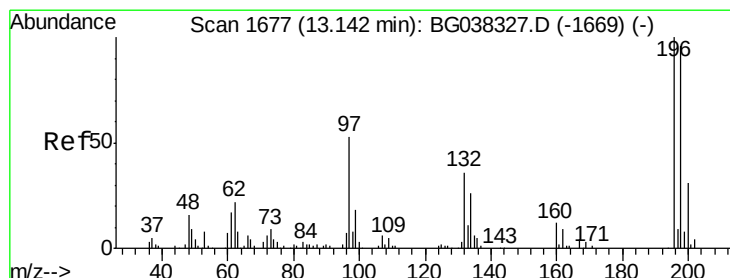
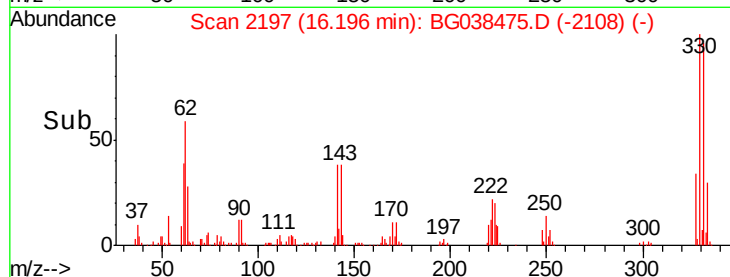
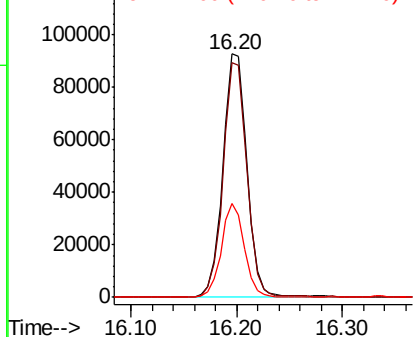
330 100

332 95.2 78.4 117.6

141 36.7 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: 51.220 ng

RT: 13.14 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

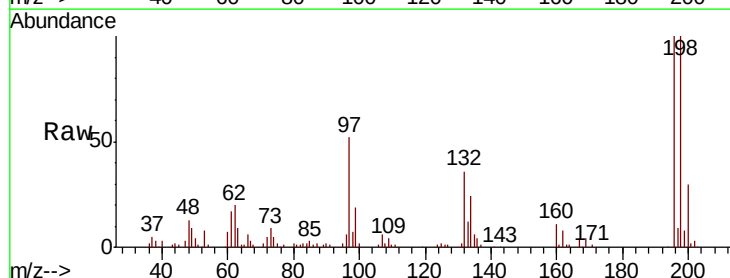
Tgt Ion:196 Resp: 79708

Ion Ratio Lower Upper

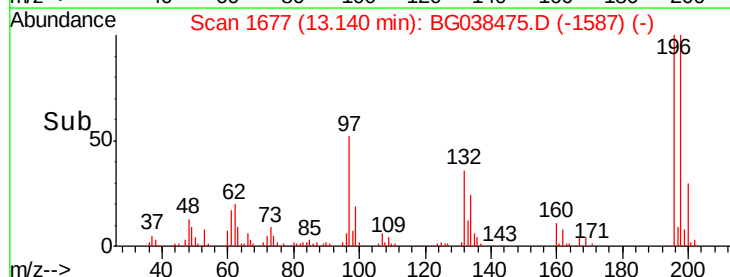
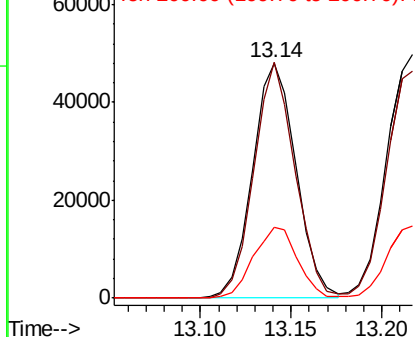
196 100

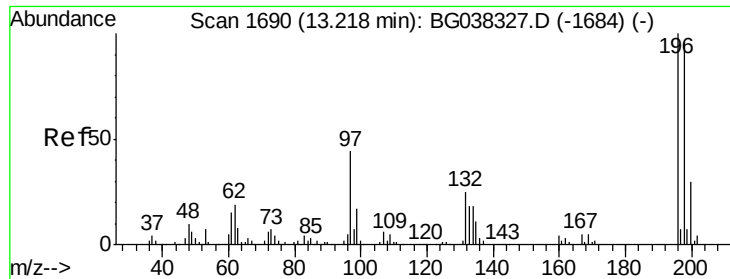
198 100.4 76.4 114.6

200 30.2 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

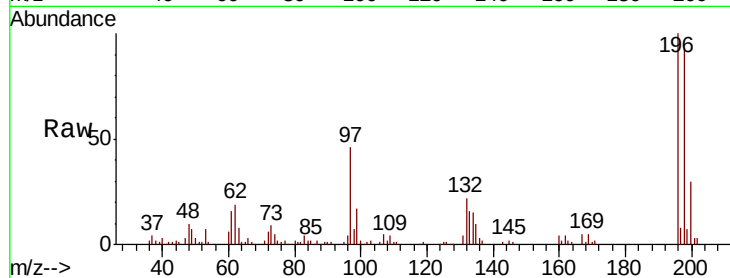




#44
 2,4,5-Trichlorophenol
 Concen: 53.433 ng
 RT: 13.22 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion	Resp	Lower	Upper
196	88090		
198	93.3	74.2	111.2
97	46.3	34.1	51.1
132	22.3	20.2	30.4



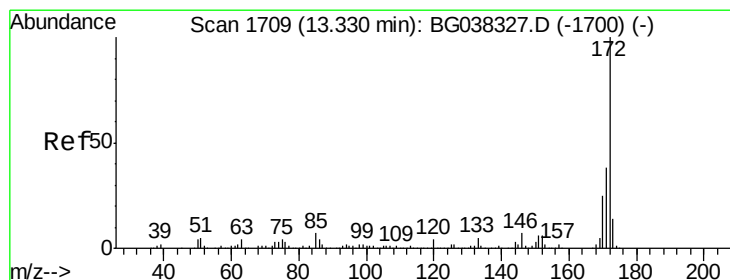
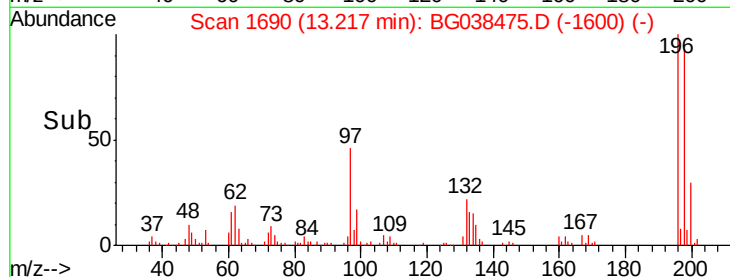
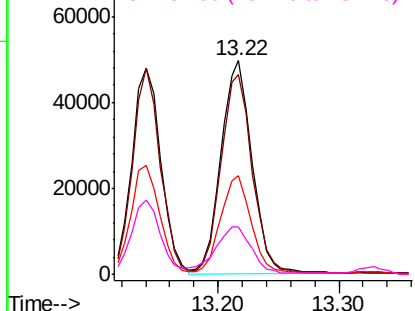
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

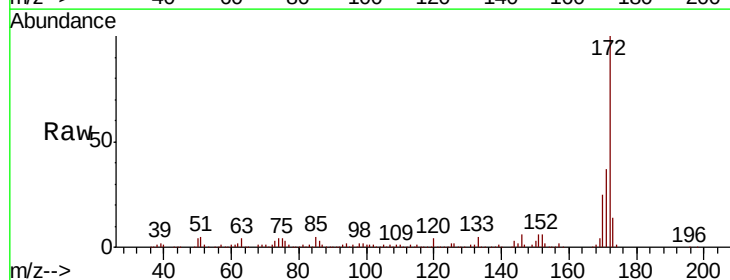
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#45
 2-Fluorobiphenyl
 Concen: 93.922 ng
 RT: 13.33 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion	Resp	Lower	Upper
172	460180		
171	37.3	31.0	46.4
170	24.8	20.2	30.2

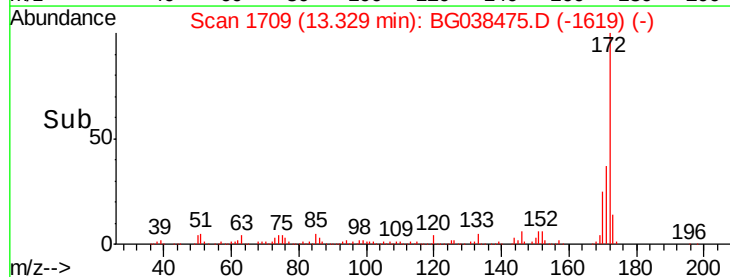
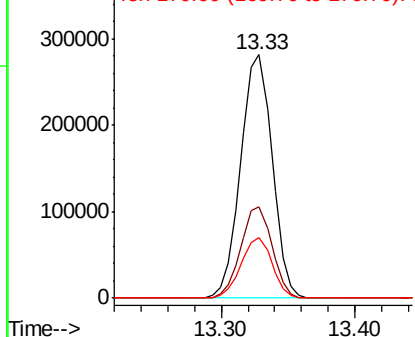


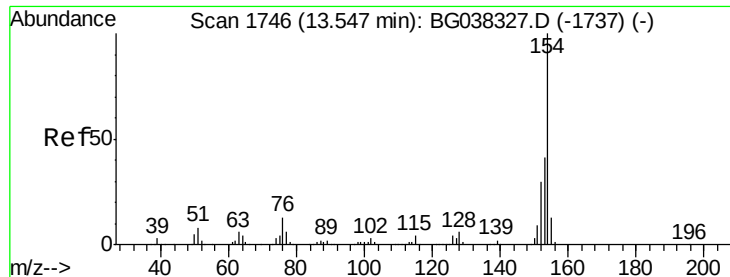
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

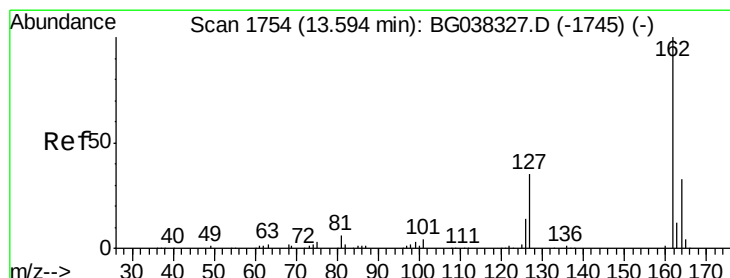
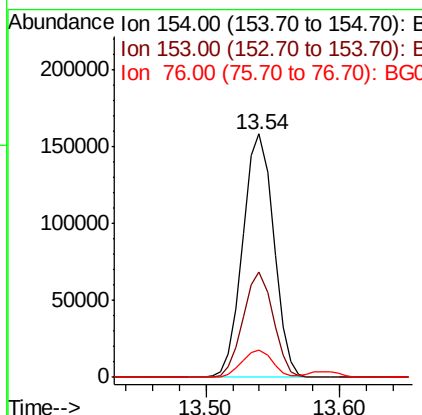
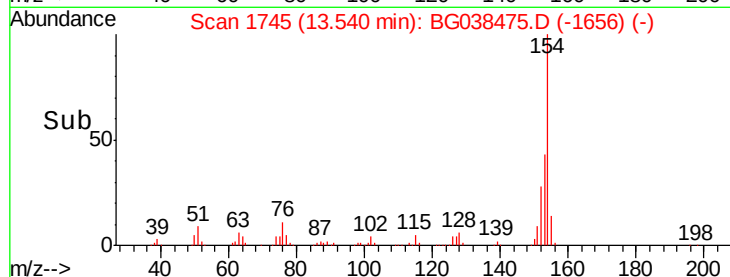
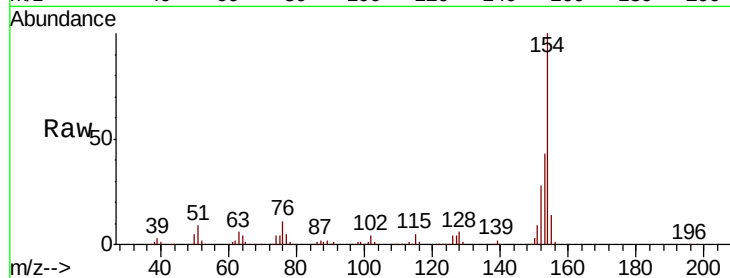




#46
 1,1'-Biphenyl
 Concen: 42.870 ng
 RT: 13.54 min Scan# 1745
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

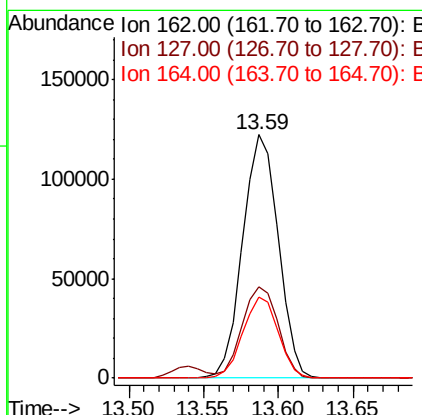
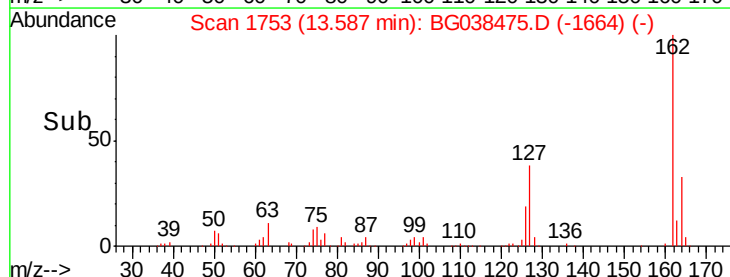
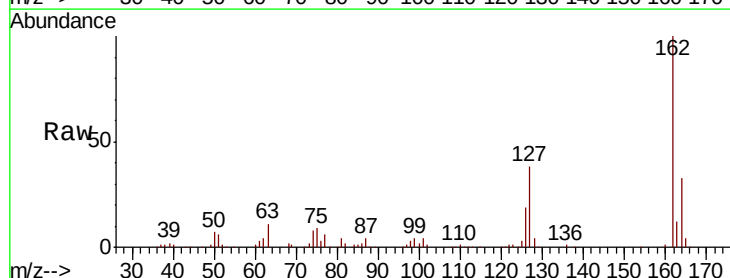
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

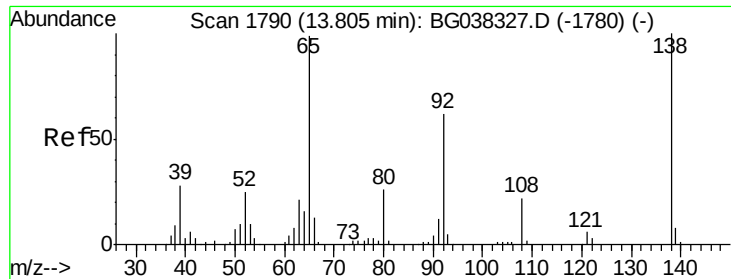
Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.3	22.1	62.1
76	11.2	0.0	33.2



#47
 2-Chloronaphthalene
 Concen: 45.395 ng
 RT: 13.59 min Scan# 1753
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.7	30.5	45.7
164	33.4	26.4	39.6

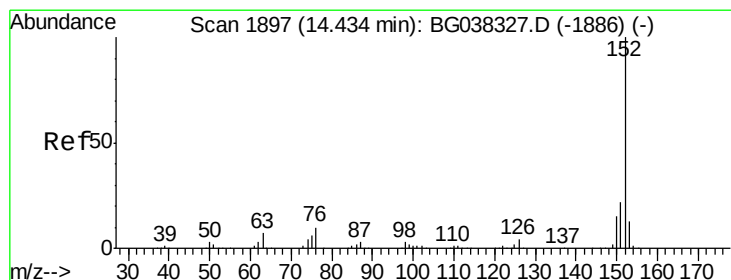
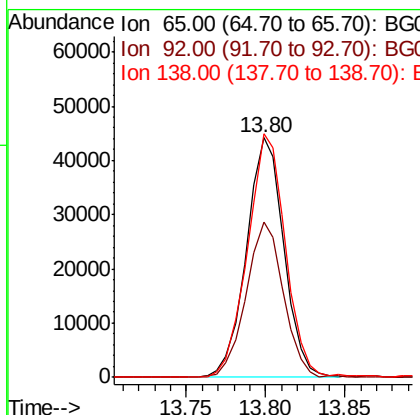
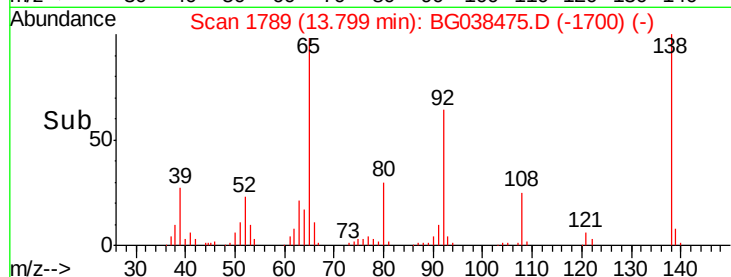
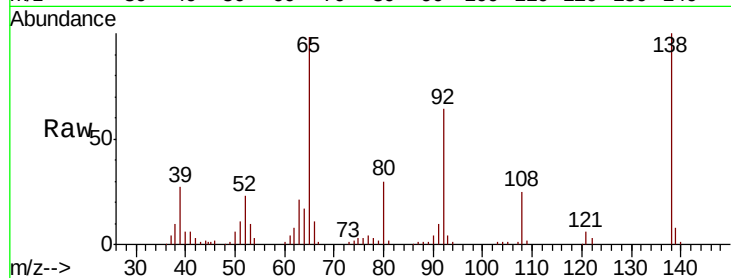




#48
2-Nitroaniline
Concen: 48.559 ng
RT: 13.80 min Scan# 1789
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

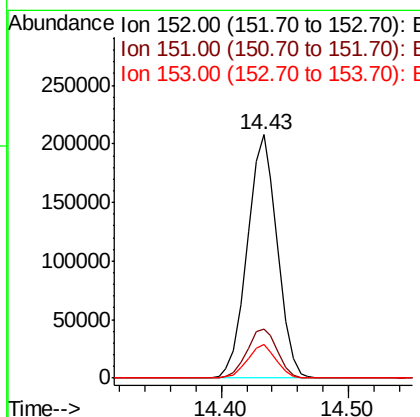
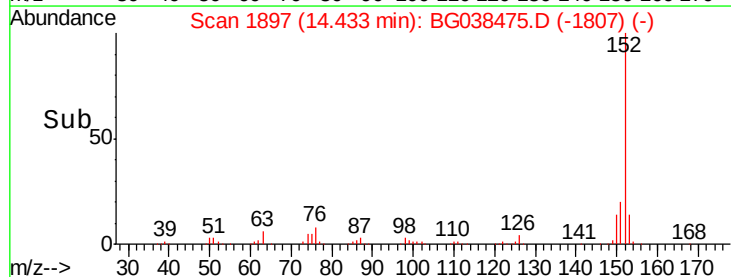
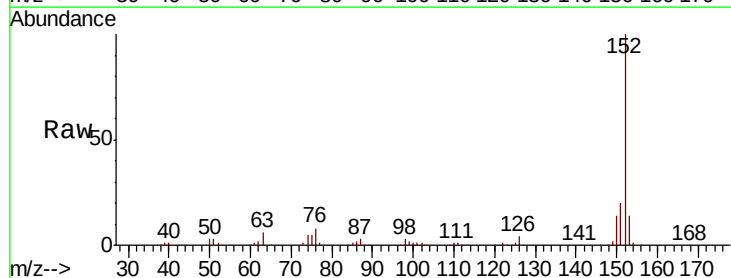
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

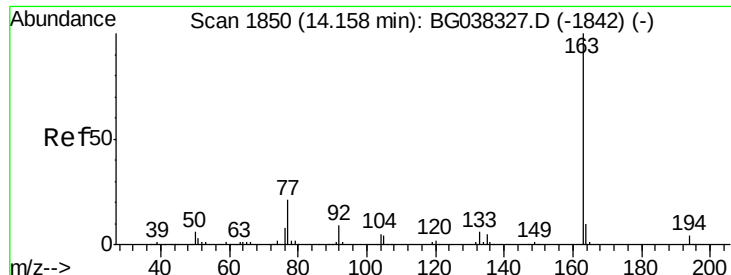
Tgt Ion: 65 Resp: 72547
Ion Ratio Lower Upper
65 100
92 64.9 53.2 79.8
138 101.6 79.3 118.9



#49
Acenaphthylene
Concen: 50.651 ng
RT: 14.43 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion: 152 Resp: 339705
Ion Ratio Lower Upper
152 100
151 20.4 17.1 25.7
153 13.7 11.1 16.7





#50

Dimethylphthalate

Concen: 51.008 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

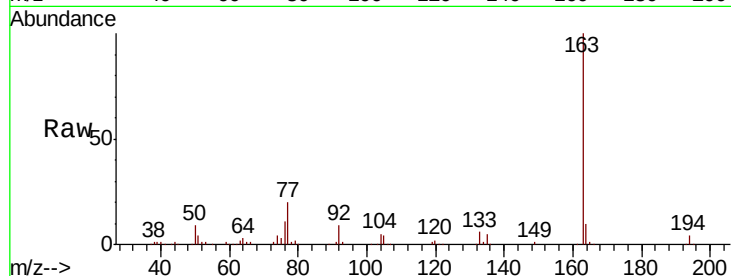
Tgt Ion:163 Resp: 285633

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

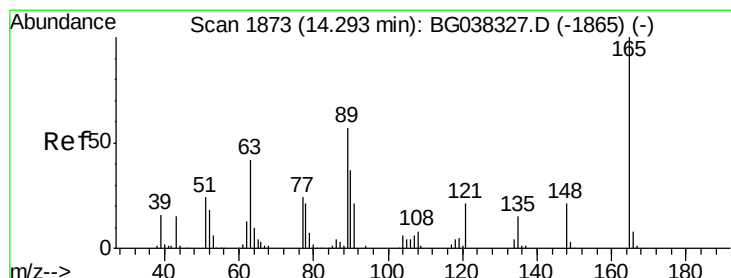
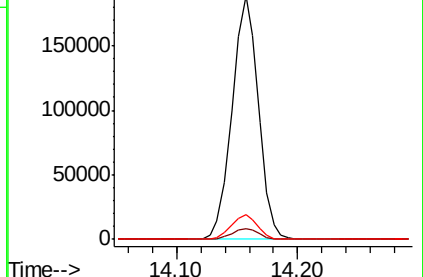
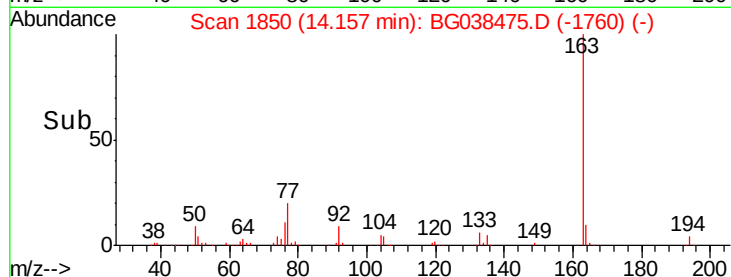
164 9.9 8.5 12.7



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: 49.630 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

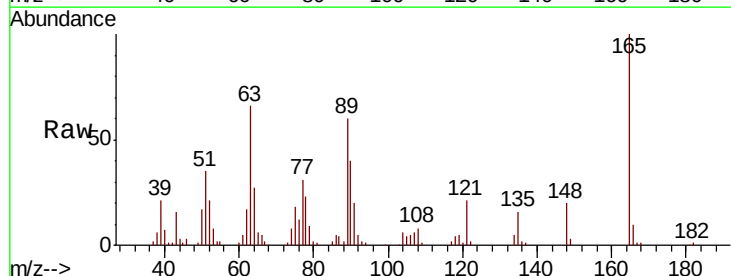
Tgt Ion:165 Resp: 63485

Ion Ratio Lower Upper

165 100

63 65.9 43.4 65.2#

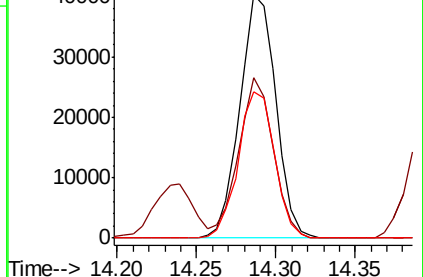
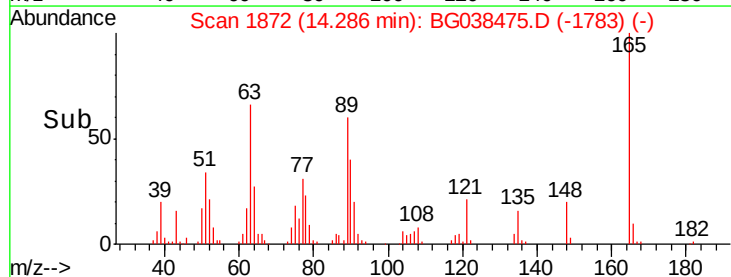
89 60.0 45.8 68.6

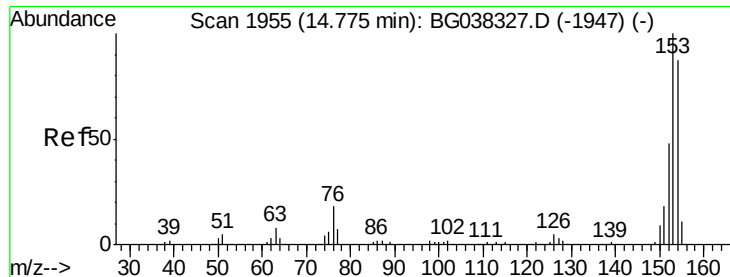


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#52

Acenaphthene

Concen: 48.346 ng

RT: 14.77 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

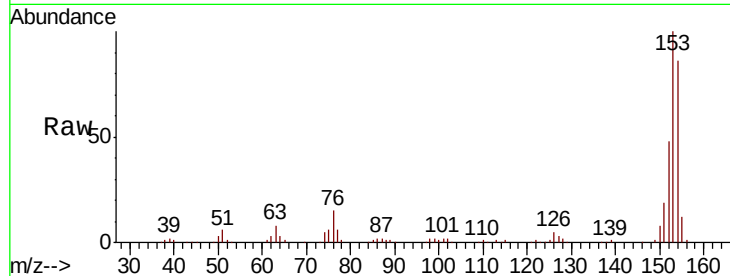
Tgt Ion:154 Resp: 197668

Ion Ratio Lower Upper

154 100

153 116.1 93.4 140.0

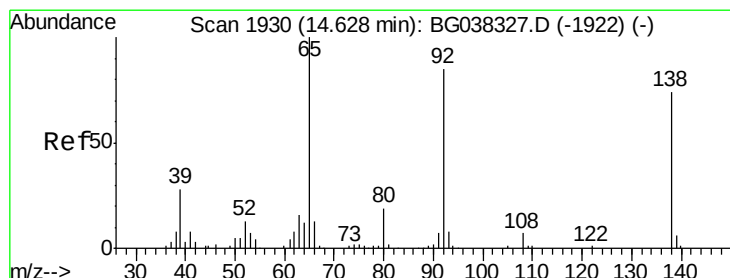
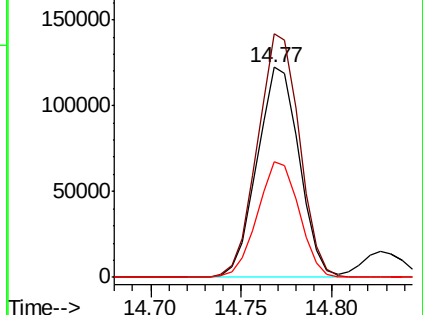
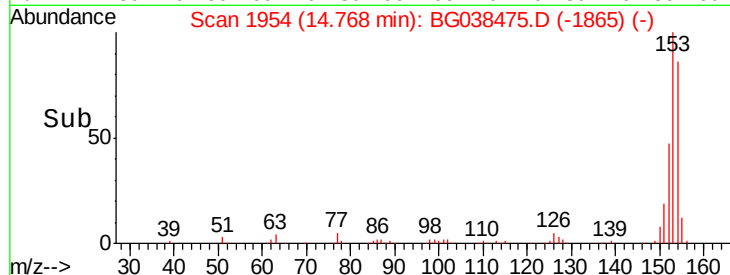
152 55.2 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 4.622 ng

RT: 14.62 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

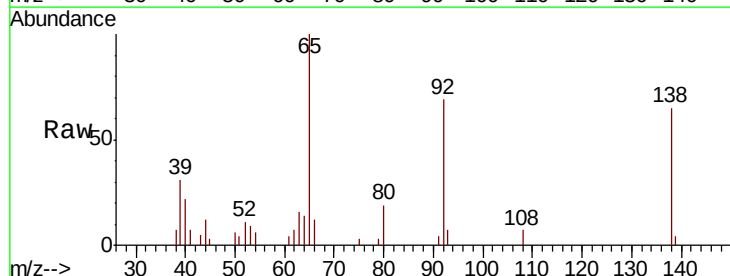
Tgt Ion:138 Resp: 6367

Ion Ratio Lower Upper

138 100

108 10.6 11.0 16.6#

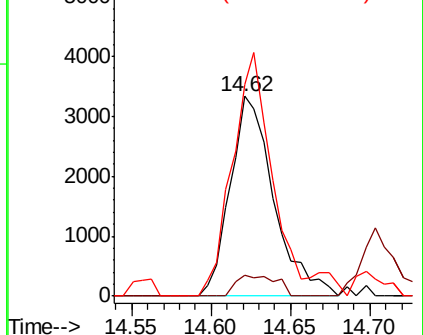
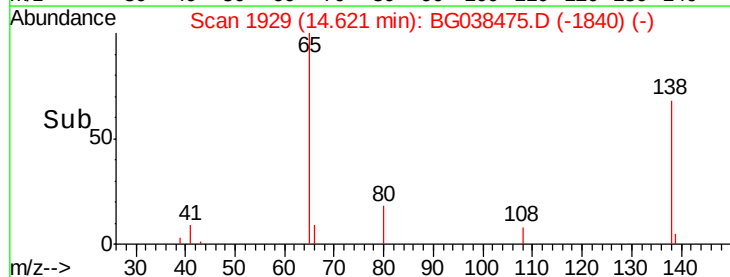
92 105.5 95.2 142.8

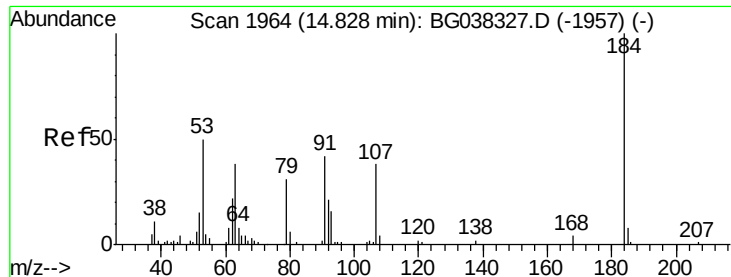


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

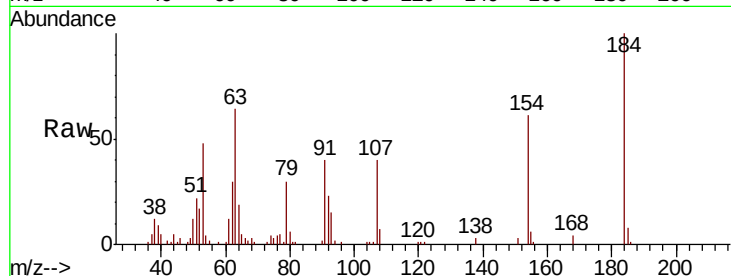




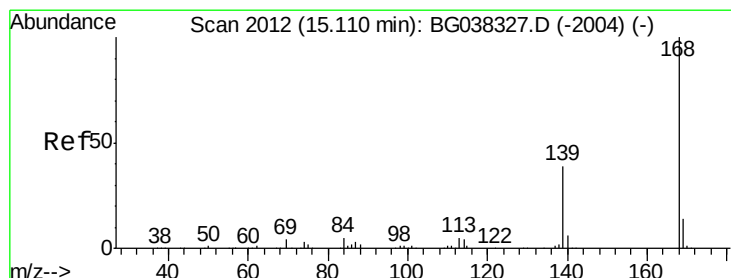
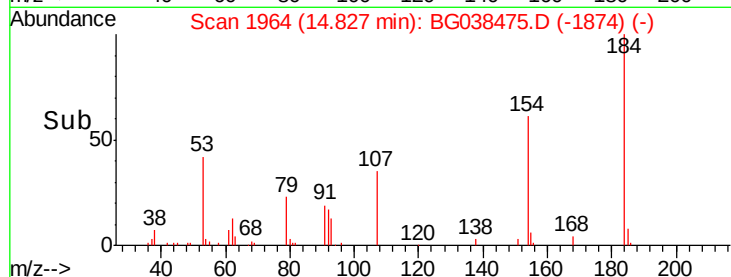
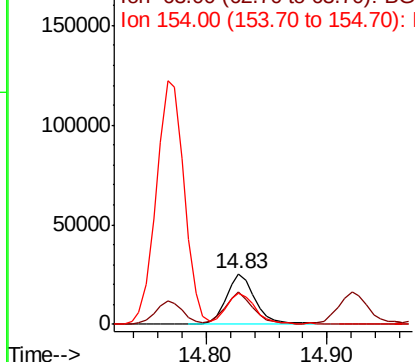
#54
 2,4-Dinitrophenol
 Concen: 59.752 ng
 RT: 14.83 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:184 Resp: 41898
 Ion Ratio Lower Upper
 184 100
 63 64.0 42.6 63.8#
 154 61.0 41.8 62.6

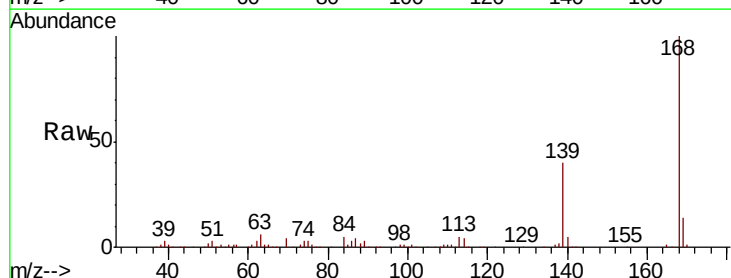


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

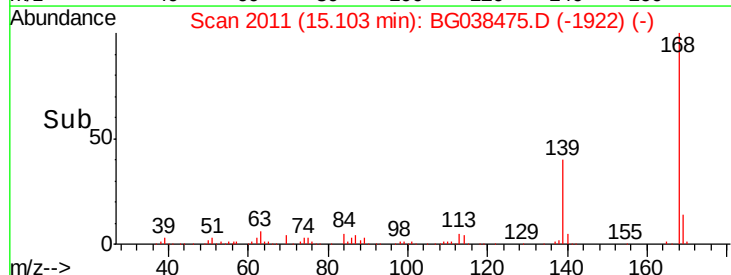
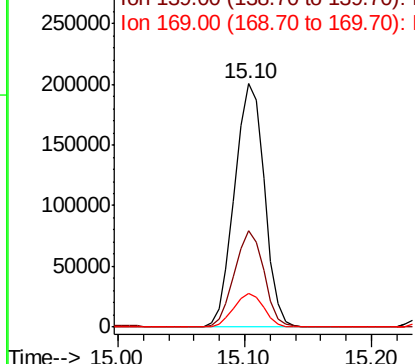


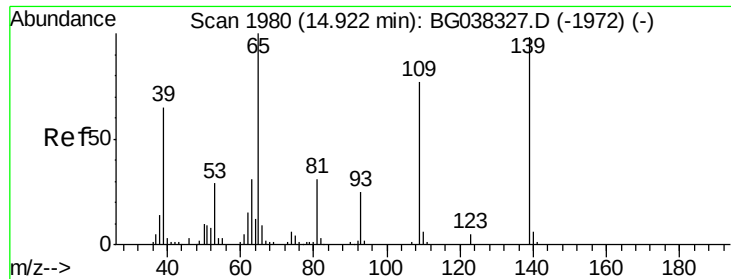
#55
 Dibenzofuran
 Concen: 48.285 ng
 RT: 15.10 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:168 Resp: 326380
 Ion Ratio Lower Upper
 168 100
 139 39.7 29.4 44.0
 169 14.0 11.0 16.6



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

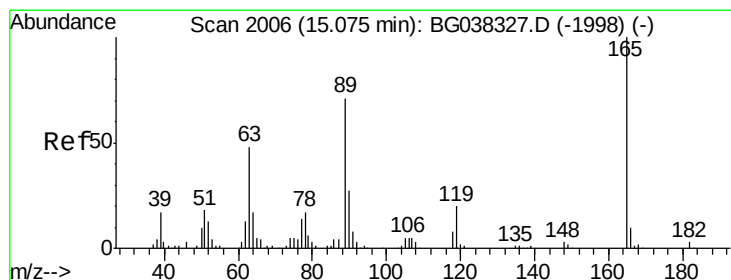
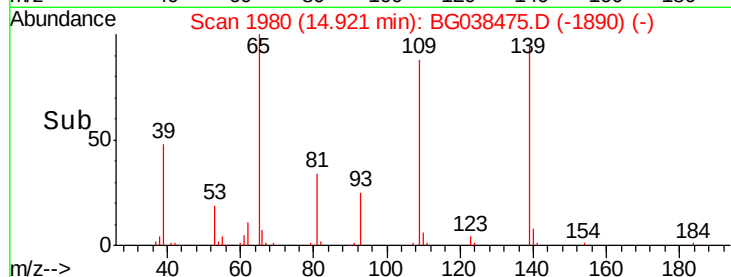
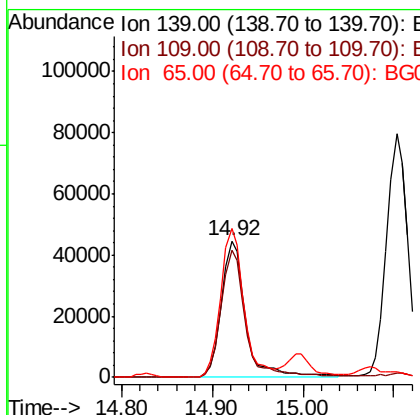
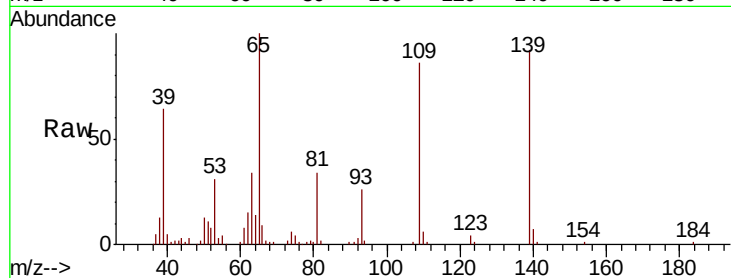




#56
4-Nitrophenol
Concen: 76.071 ng
RT: 14.92 min Scan# 1980
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

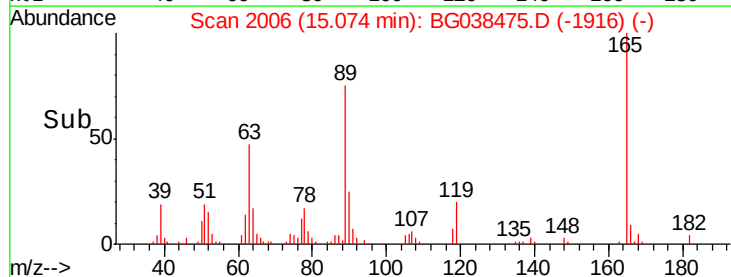
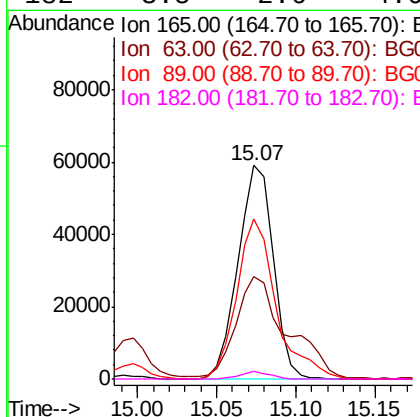
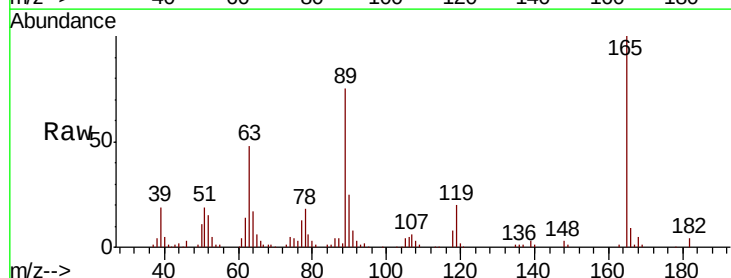
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

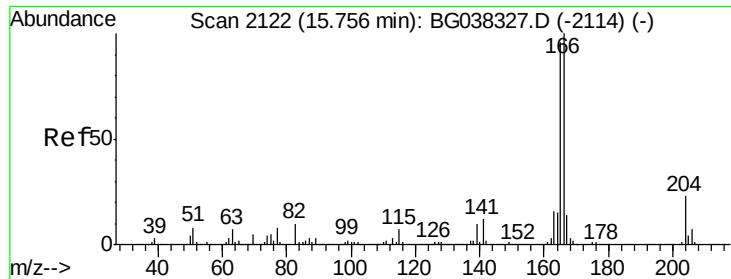
Tgt Ion:139 Resp: 82784
Ion Ratio Lower Upper
139 100
109 93.7 49.5 89.5#
65 109.2 76.8 116.8



#57
2,4-Dinitrotoluene
Concen: 51.620 ng
RT: 15.07 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:165 Resp: 91071
Ion Ratio Lower Upper
165 100
63 47.8 33.4 50.0
89 75.1 57.2 85.8
182 3.5 2.6 4.0





#58

Fluorene

Concen: 53.677 ng

RT: 15.75 min Scan# 2121

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

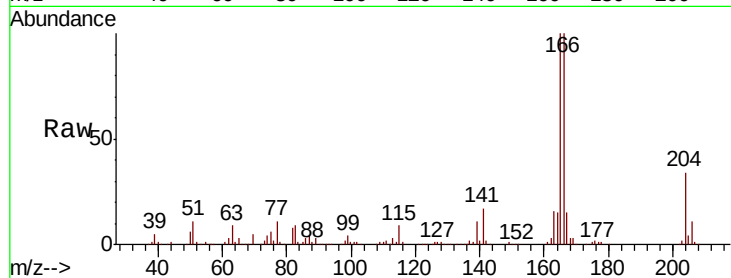
Tgt Ion:166 Resp: 267309

Ion Ratio Lower Upper

166 100

165 99.8 79.0 118.6

167 14.7 11.3 16.9

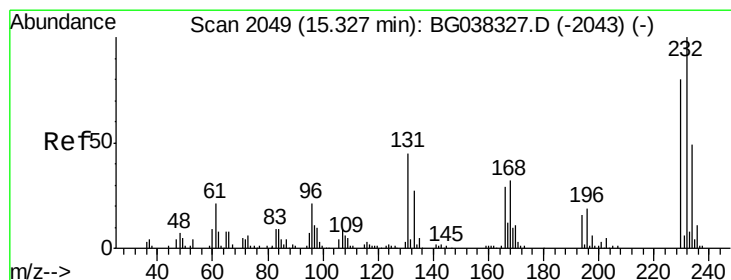
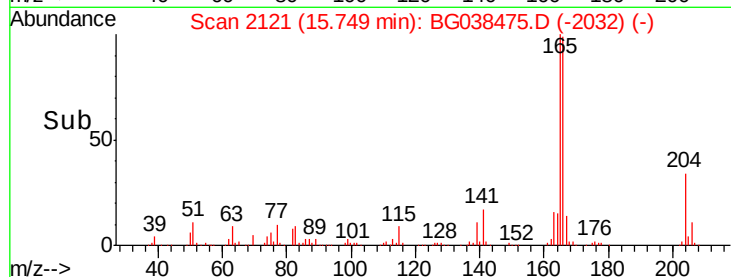
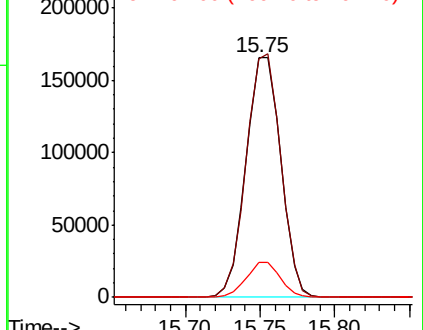


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 58.137 ng

RT: 15.33 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Tgt Ion:232 Resp: 83243

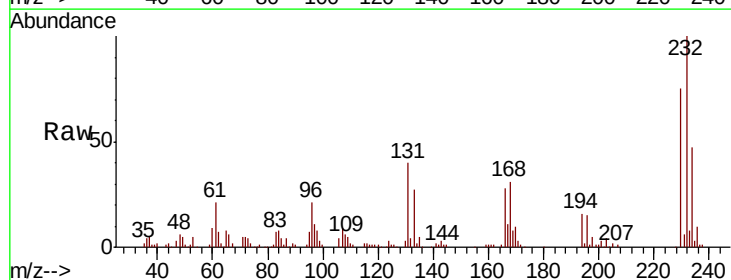
Ion Ratio Lower Upper

232 100

131 39.0 33.7 50.5

130 2.6 2.1 3.1

166 26.1 24.6 36.8



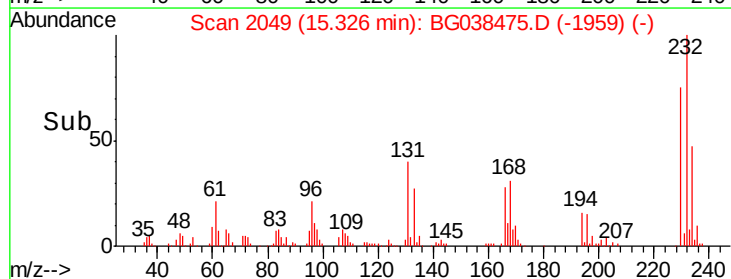
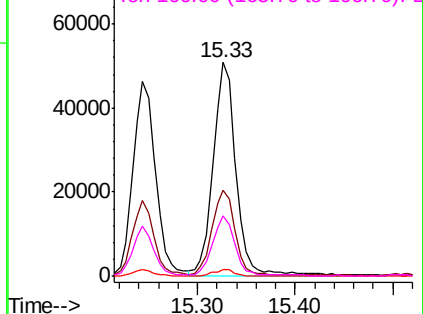
Abundance

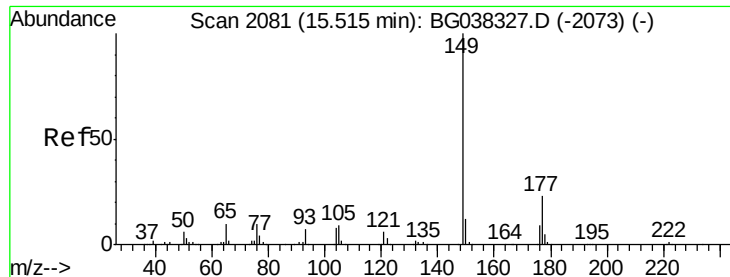
Ion 232.00 (231.70 to 232.70): E

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

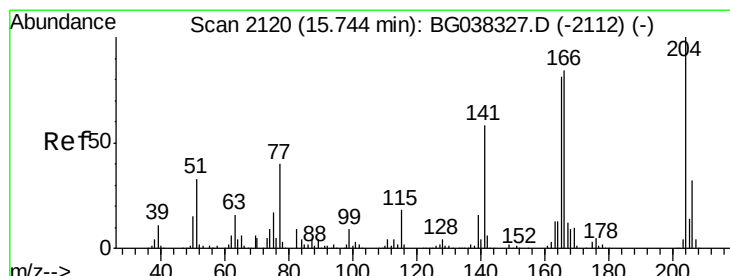
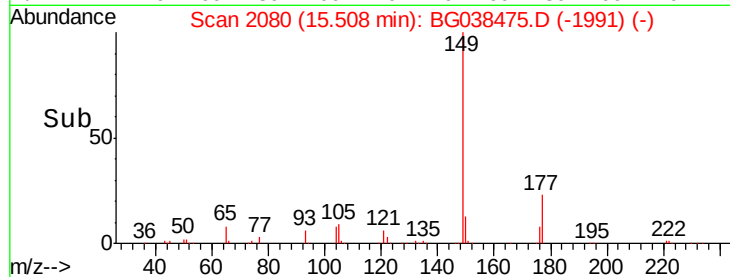
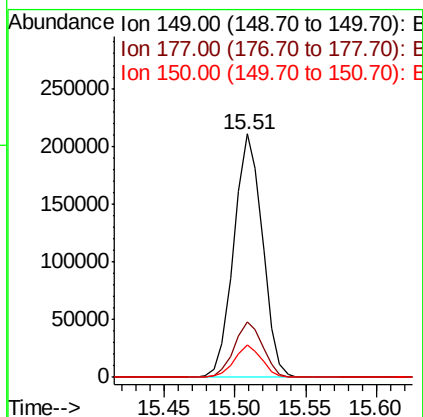
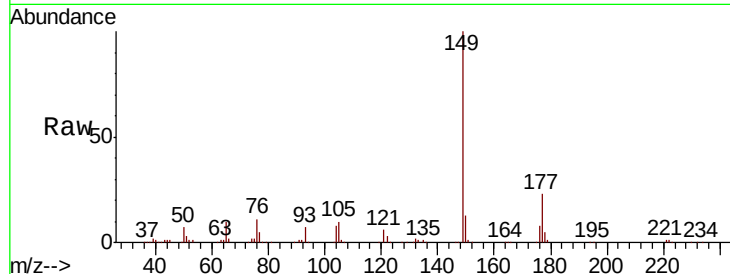




#60
Diethylphthalate
Concen: 47.851 ng
RT: 15.51 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

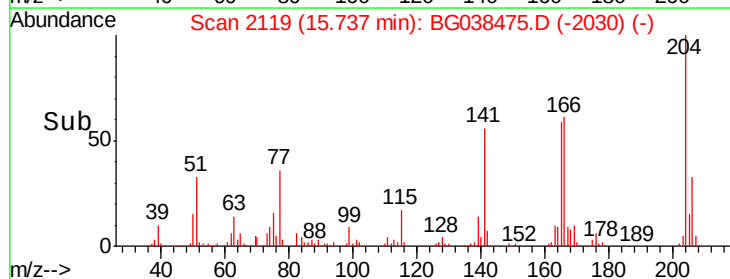
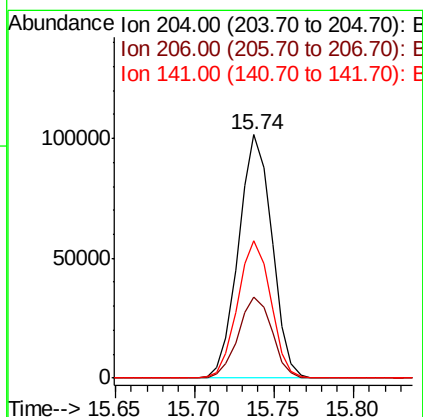
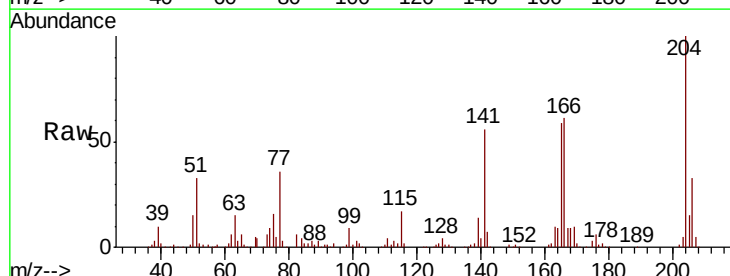
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

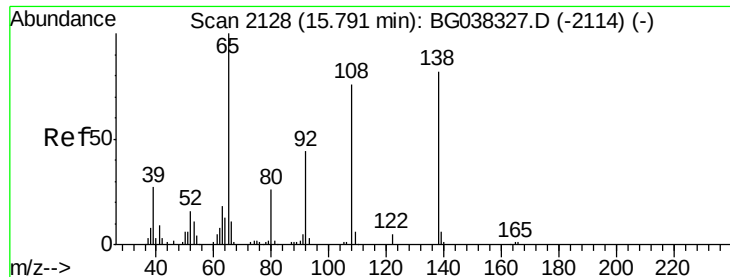
Tgt Ion:149 Resp: 296863
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 13.1 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 49.662 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion:204 Resp: 148548
Ion Ratio Lower Upper
204 100
206 33.2 26.6 39.8
141 56.2 45.4 68.2

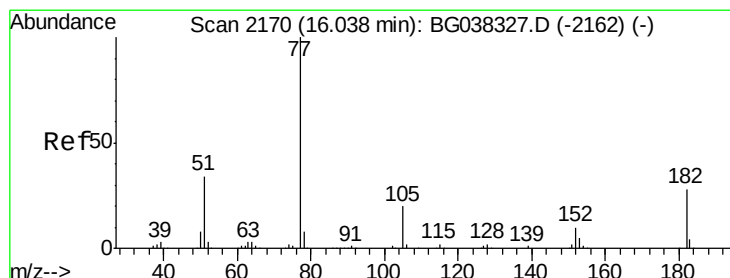
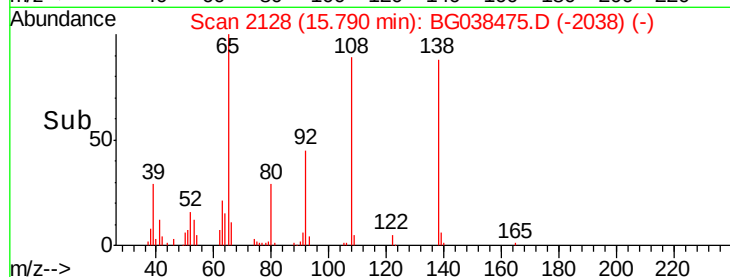
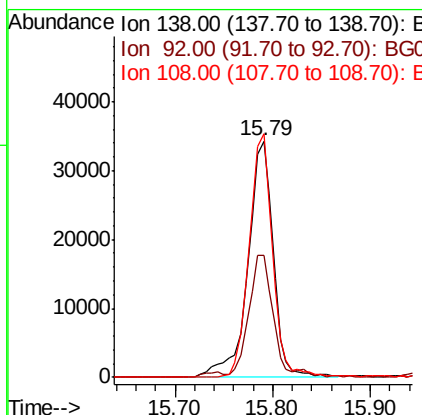
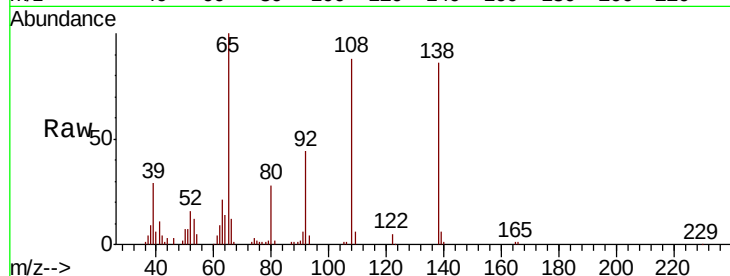




#62
4-Nitroaniline
Concen: 45.809 ng
RT: 15.79 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

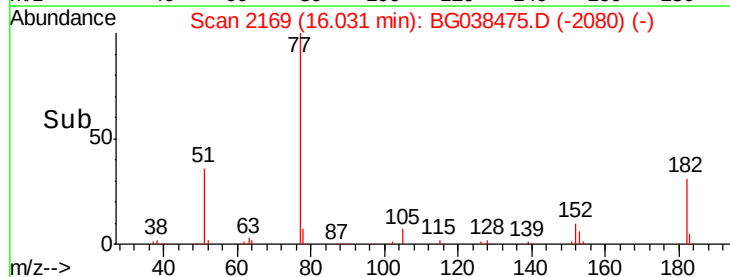
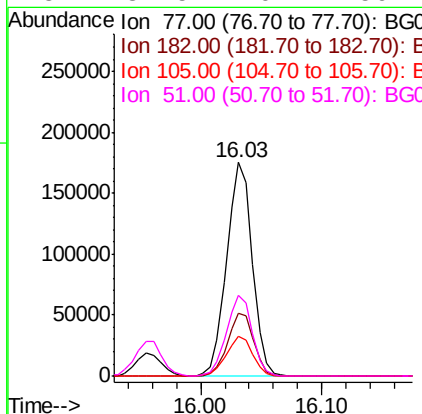
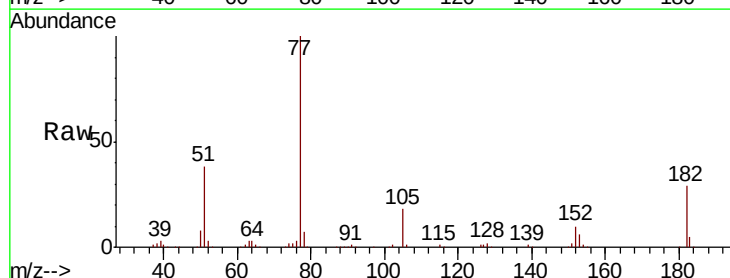
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

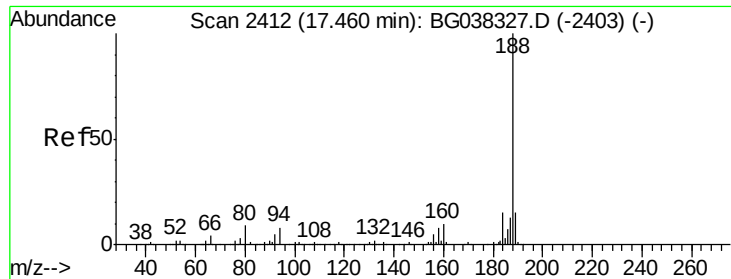
Tgt Ion:138 Resp: 62071
Ion Ratio Lower Upper
138 100
92 51.5 36.4 76.4
108 103.0 60.1 100.1#



#63
Azobenzene
Concen: 47.542 ng
RT: 16.03 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion: 77 Resp: 258127
Ion Ratio Lower Upper
77 100
182 29.1 8.0 48.0
105 18.3 1.3 41.3
51 37.5 10.7 50.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.45 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

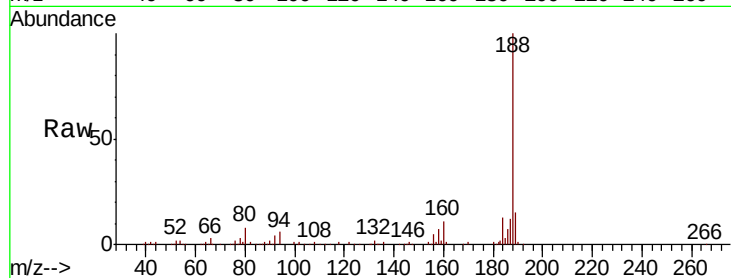
Tgt Ion:188 Resp: 179850

Ion Ratio Lower Upper

188 100

94 6.5 7.2 10.8#

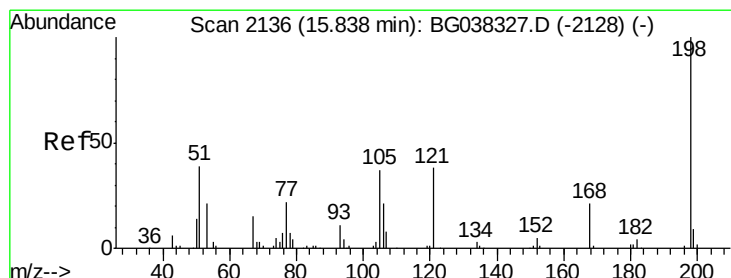
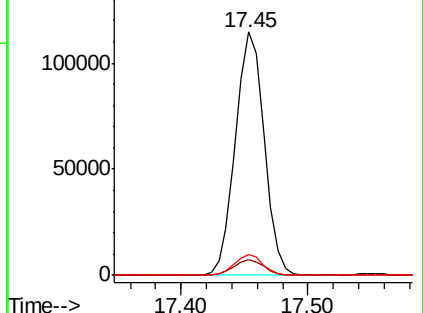
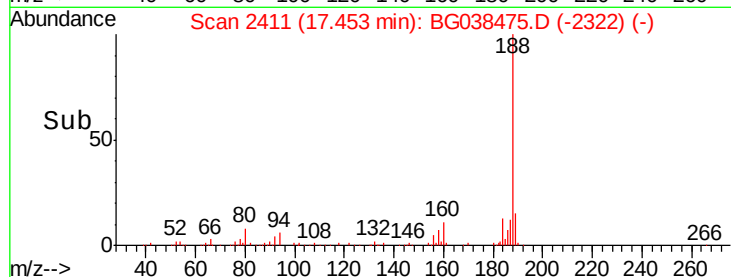
80 8.4 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

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: 37.020 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

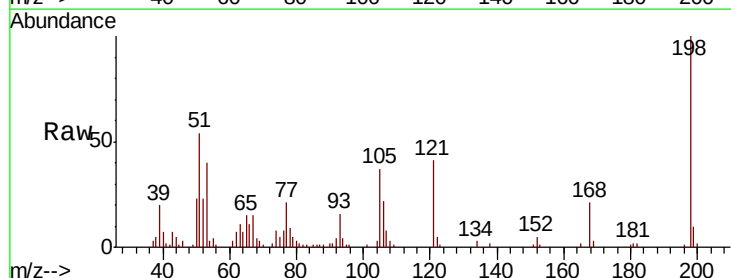
Tgt Ion:198 Resp: 43624

Ion Ratio Lower Upper

198 100

51 53.6 22.7 62.7

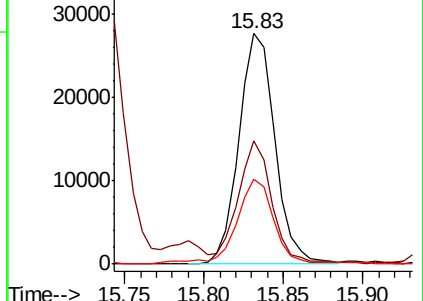
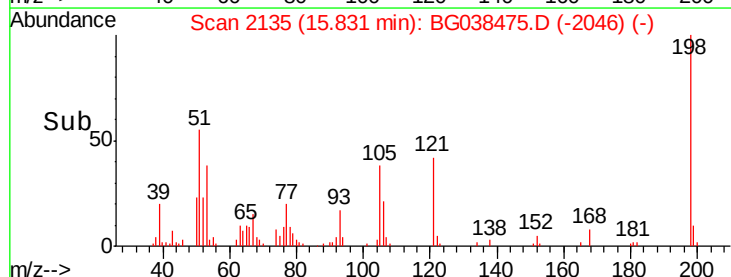
105 37.0 19.7 59.7

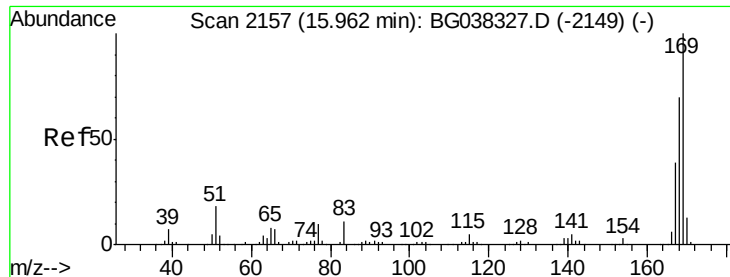


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

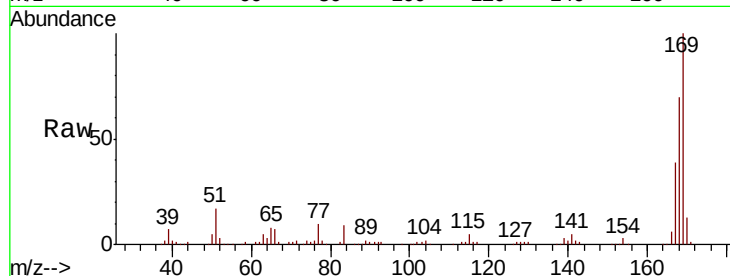




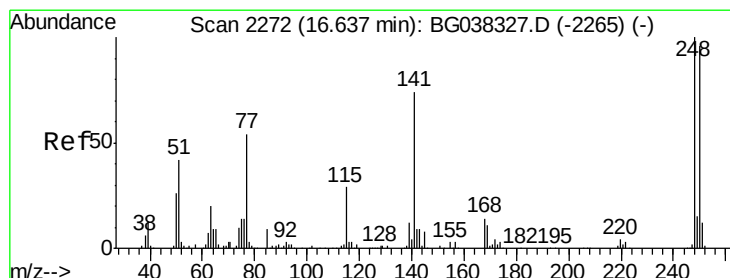
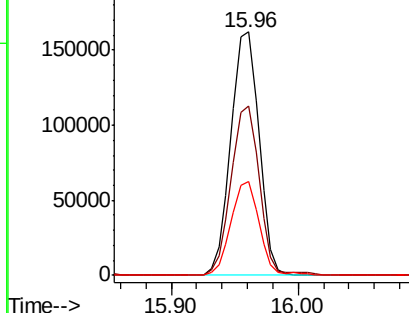
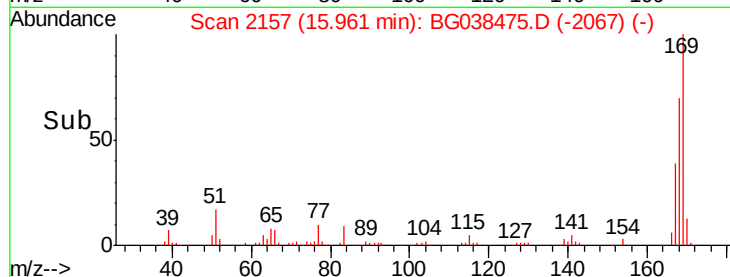
#66
 n-Nitrosodiphenylamine
 Concen: 49.223 ng
 RT: 15.96 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:169 Resp: 248941
 Ion Ratio Lower Upper
 169 100
 168 69.6 55.7 83.5
 167 38.7 31.3 46.9

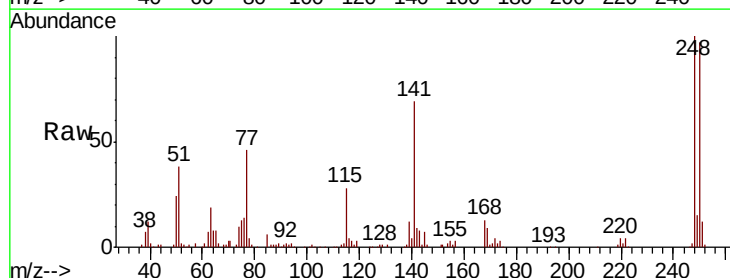


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

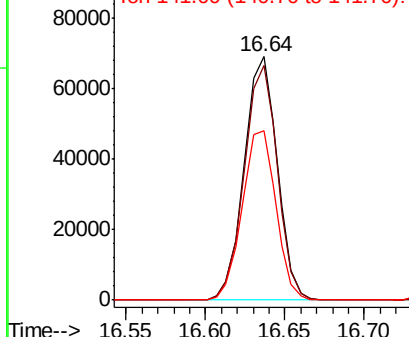
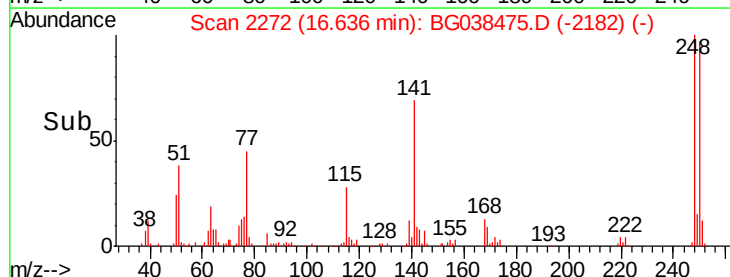


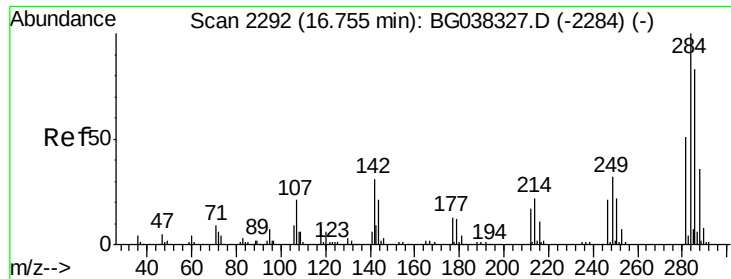
#67
 4-Bromophenyl-phenylether
 Concen: 51.428 ng
 RT: 16.64 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:248 Resp: 99884
 Ion Ratio Lower Upper
 248 100
 250 96.5 77.0 115.6
 141 69.5 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: 51.069 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

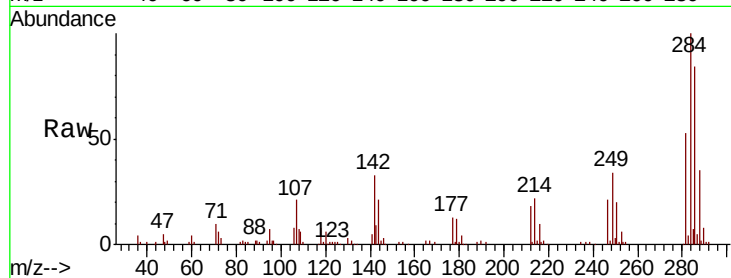
Tgt Ion:284 Resp: 102307

Ion Ratio Lower Upper

284 100

142 32.8 28.1 42.1

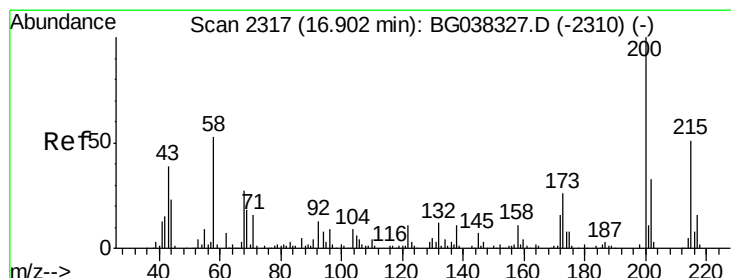
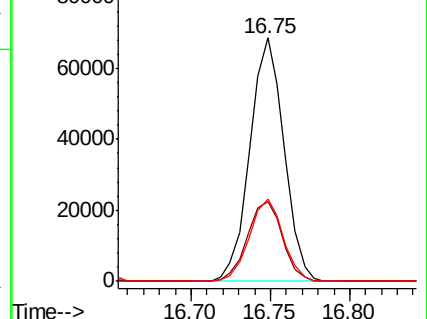
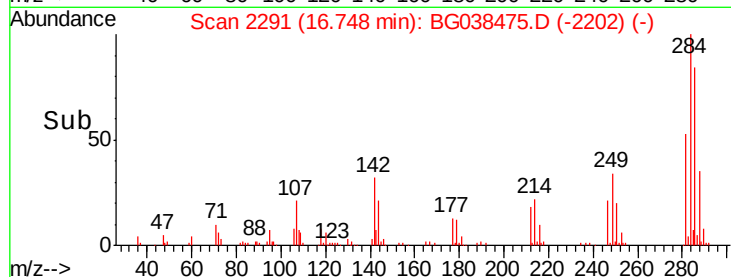
249 36.6 29.8 44.8



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: 53.595 ng

RT: 16.90 min Scan# 2317

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

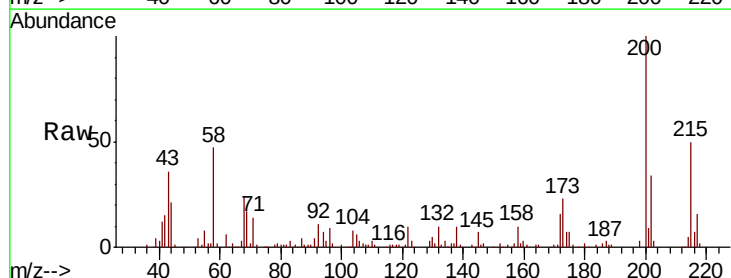
Tgt Ion:200 Resp: 101141

Ion Ratio Lower Upper

200 100

173 23.2 6.1 46.1

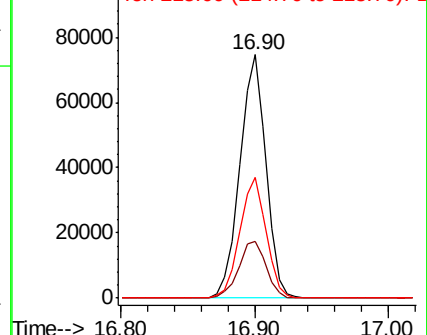
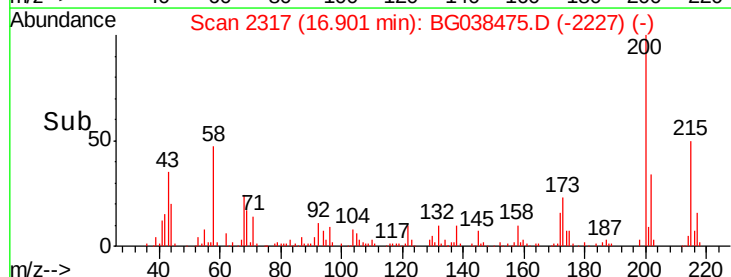
215 49.7 30.8 70.8

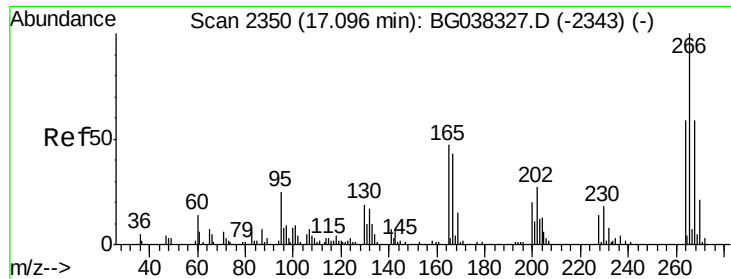


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Pentachlorophenol

Concen: 68.416 ng

RT: 17.09 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

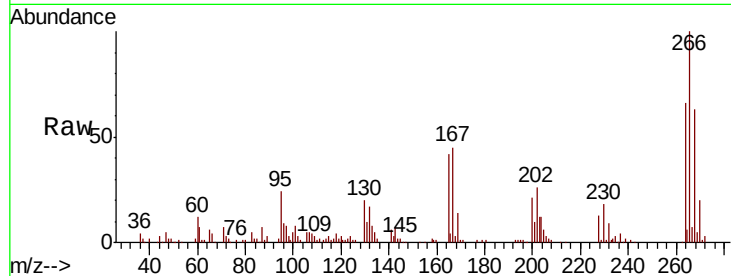
Tgt Ion:266 Resp: 93876

Ion Ratio Lower Upper

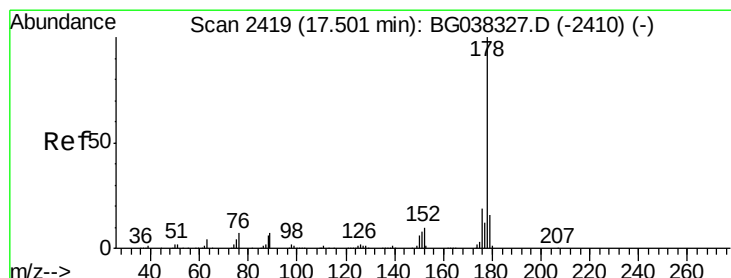
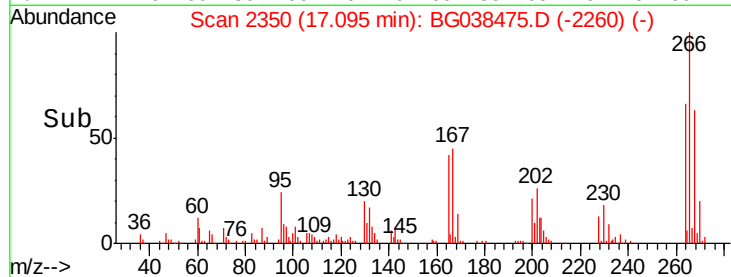
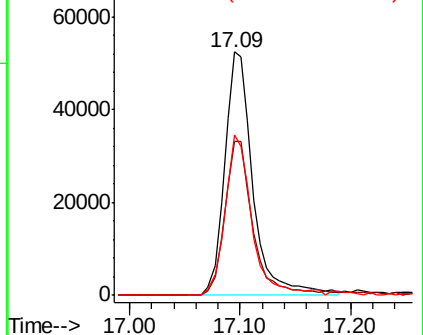
266 100

268 67.6 55.0 82.6

264 71.7 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: 51.651 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

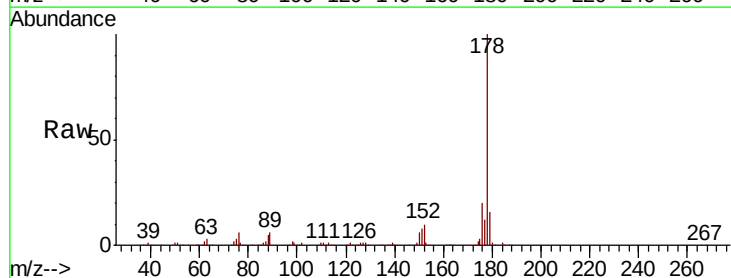
Tgt Ion:178 Resp: 465206

Ion Ratio Lower Upper

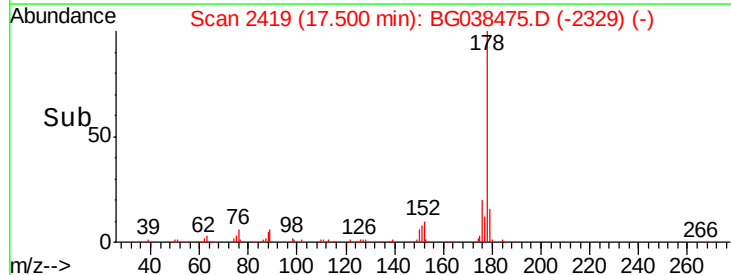
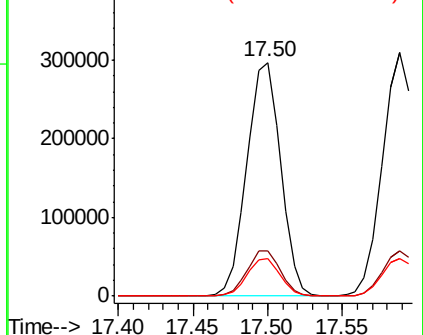
178 100

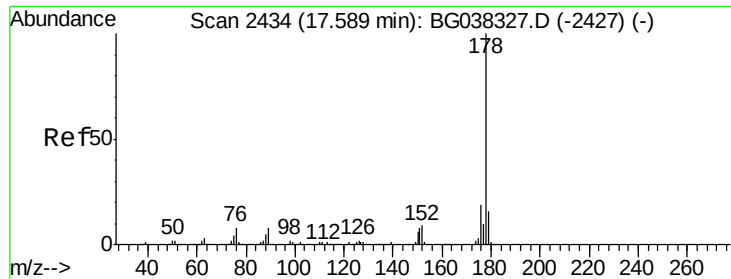
176 19.6 16.1 24.1

179 16.2 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: 54.614 ng

RT: 17.59 min Scan# 2434

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

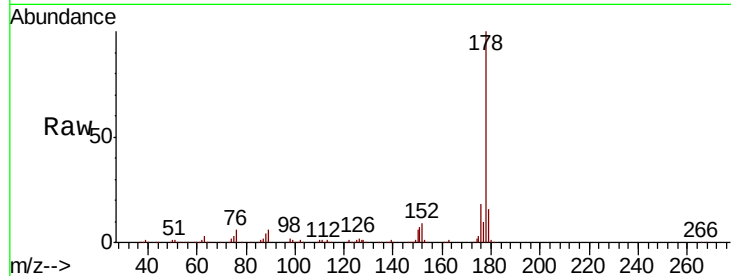
Tgt Ion:178 Resp: 476356

Ion Ratio Lower Upper

178 100

176 18.5 15.0 22.4

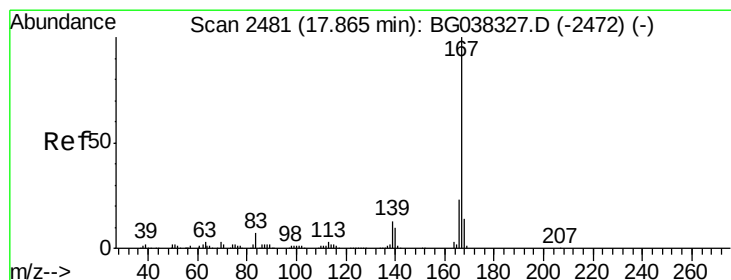
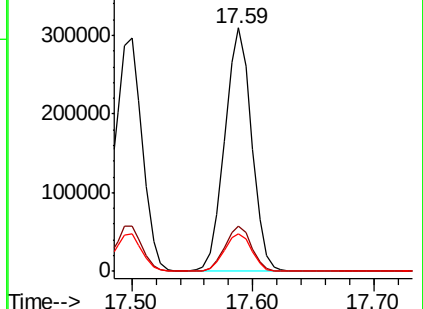
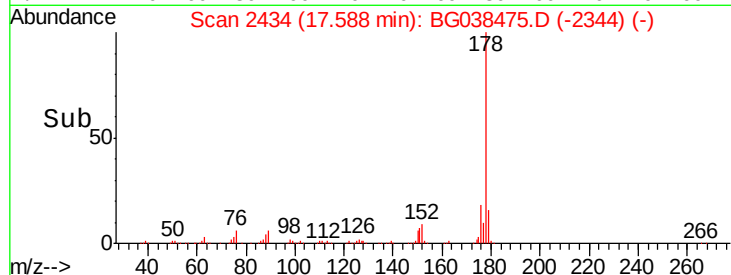
179 15.7 12.8 19.2



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: 48.766 ng

RT: 17.86 min Scan# 2481

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

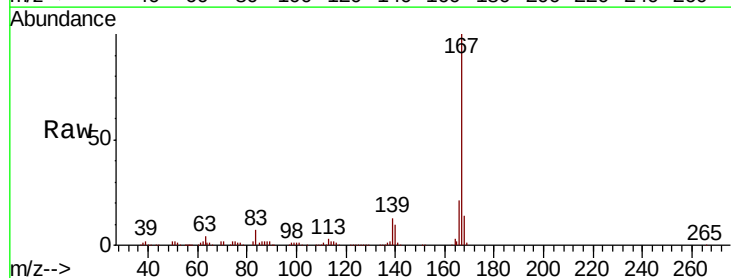
Tgt Ion:167 Resp: 422157

Ion Ratio Lower Upper

167 100

166 21.0 18.3 27.5

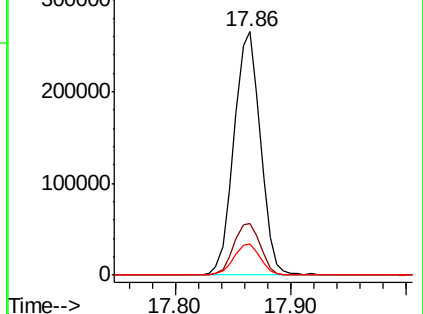
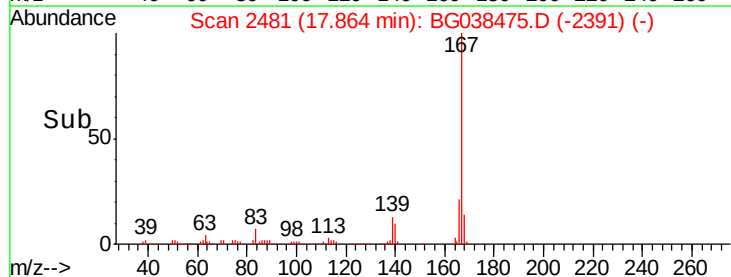
139 12.7 10.5 15.7

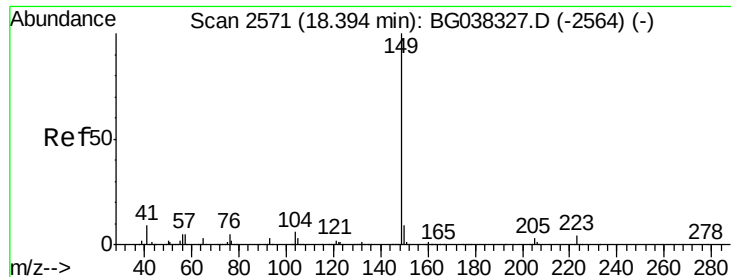


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 50.199 ng

RT: 18.39 min Scan# 2571

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

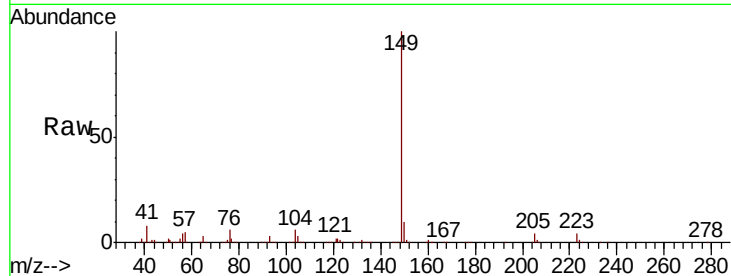
Tgt Ion:149 Resp: 507681

Ion Ratio Lower Upper

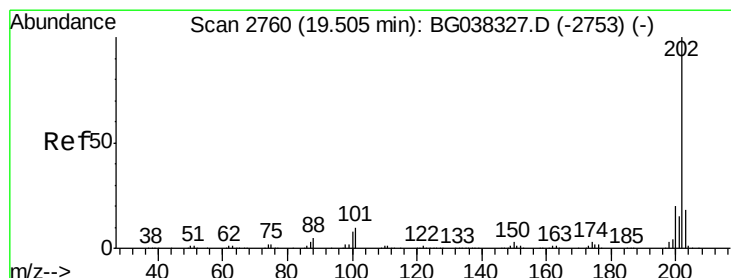
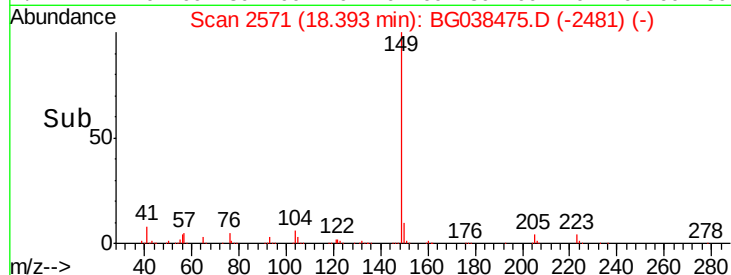
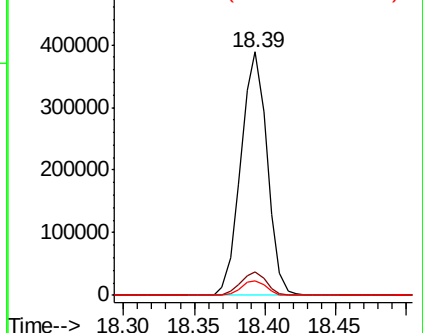
149 100

150 9.6 8.2 12.2

104 5.8 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: 54.275 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

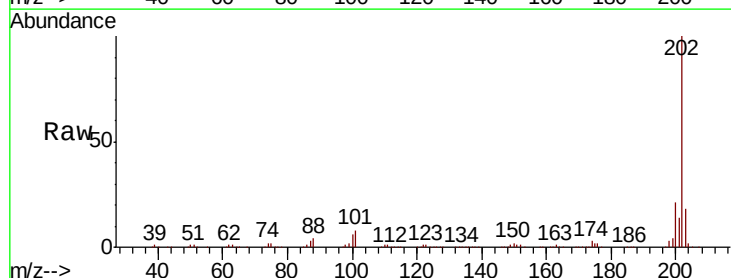
Tgt Ion:202 Resp: 571139

Ion Ratio Lower Upper

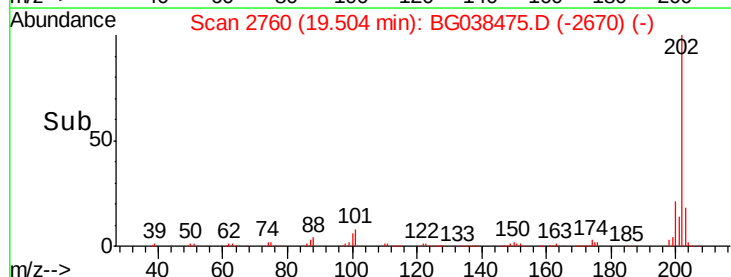
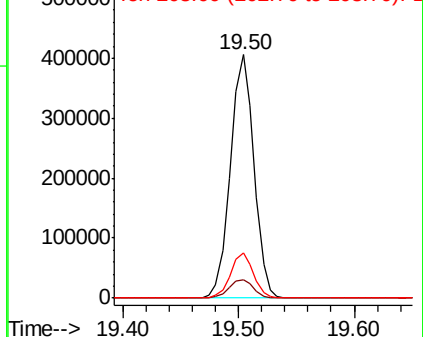
202 100

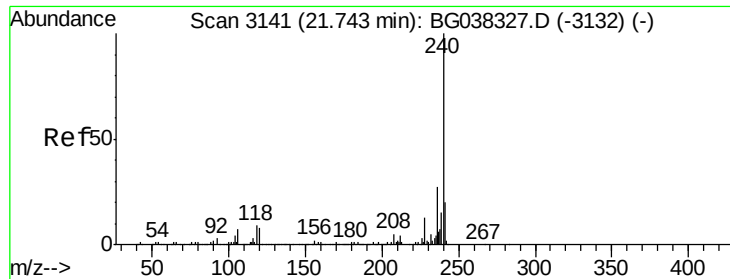
101 7.6 0.0 30.7

203 18.4 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

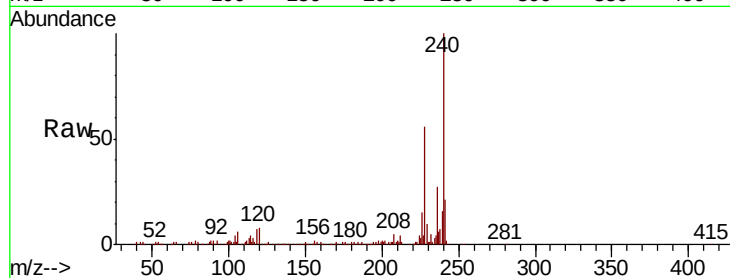




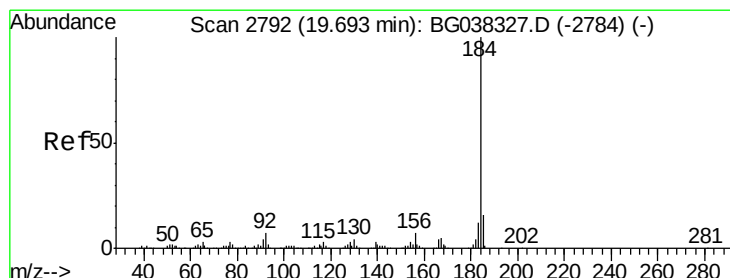
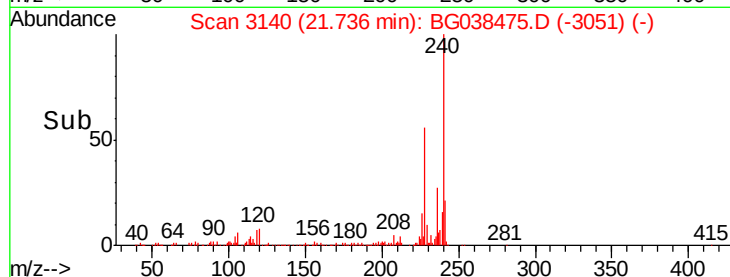
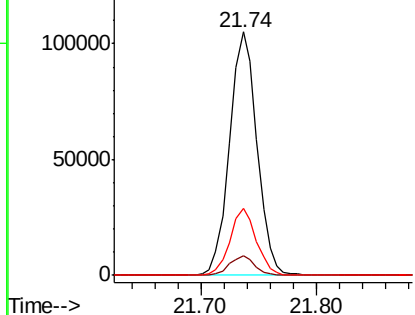
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3140
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion:240 Resp: 172229
 Ion Ratio Lower Upper
 240 100
 120 8.0 8.1 12.1#
 236 27.3 21.4 32.0

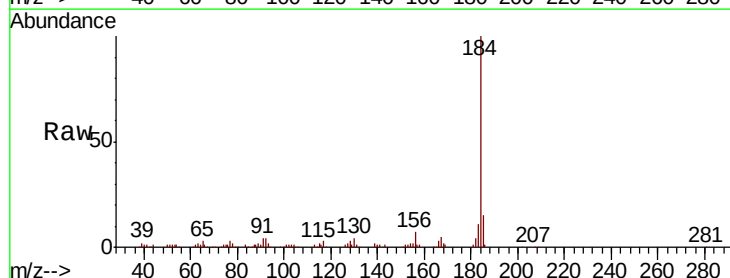


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

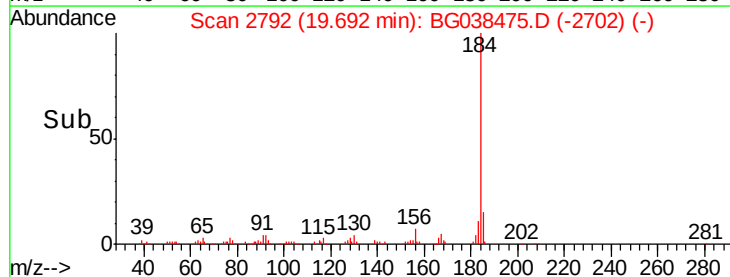
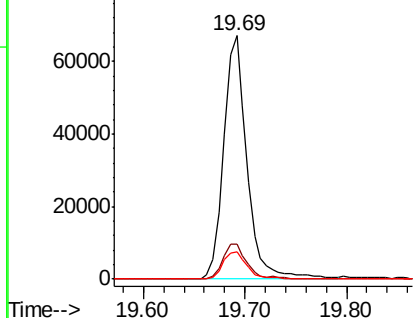


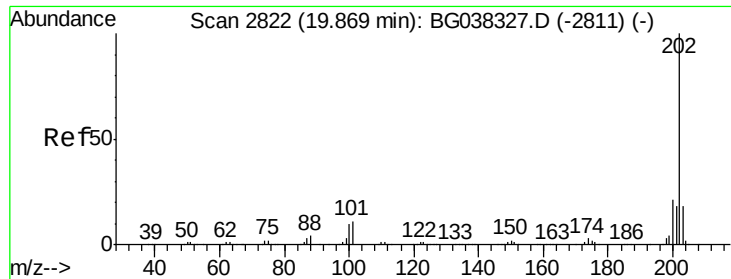
#77
 Benzidine
 Concen: 18.461 ng
 RT: 19.69 min Scan# 2792
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:184 Resp: 107289
 Ion Ratio Lower Upper
 184 100
 185 14.6 12.6 18.8
 183 11.4 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

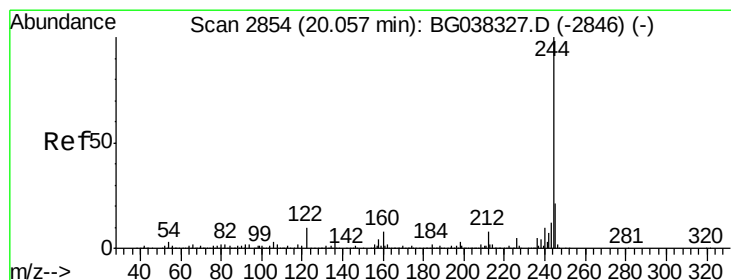
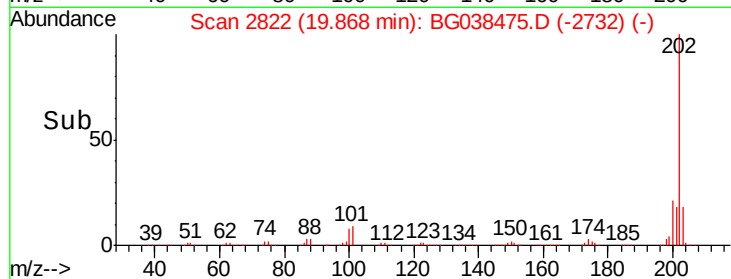
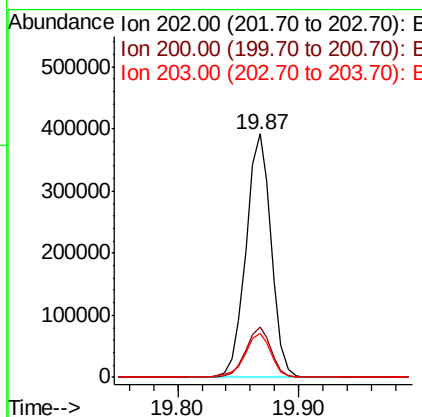
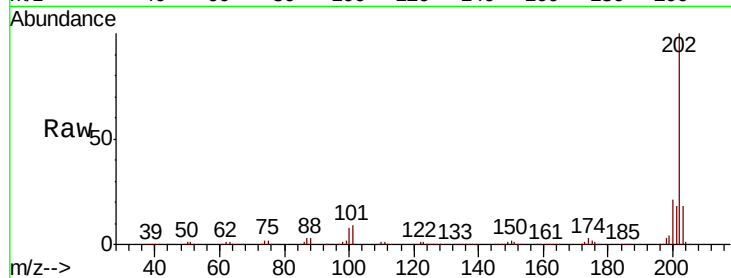




#78
 Pyrene
 Concen: 47.249 ng
 RT: 19.87 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

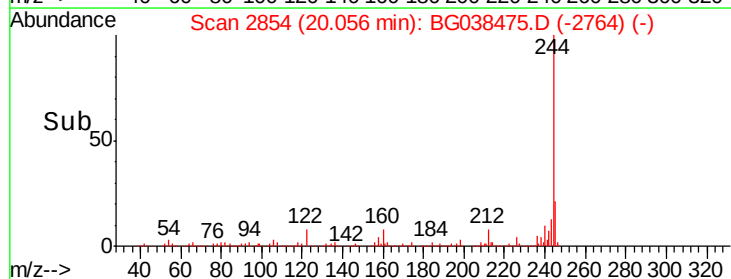
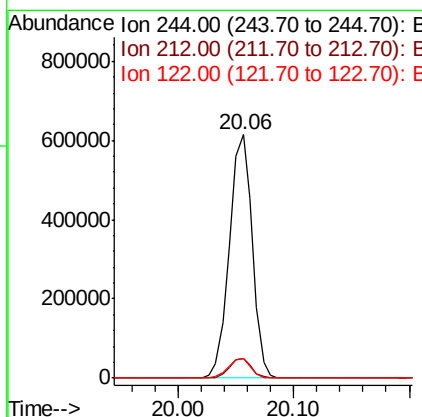
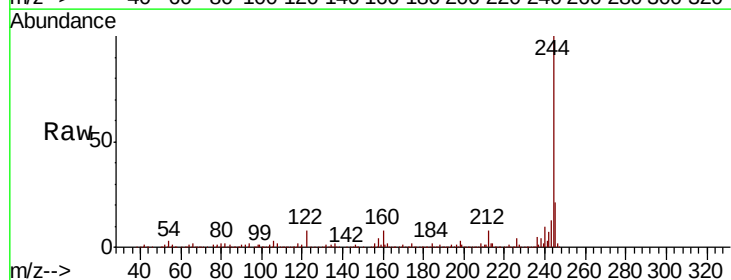
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

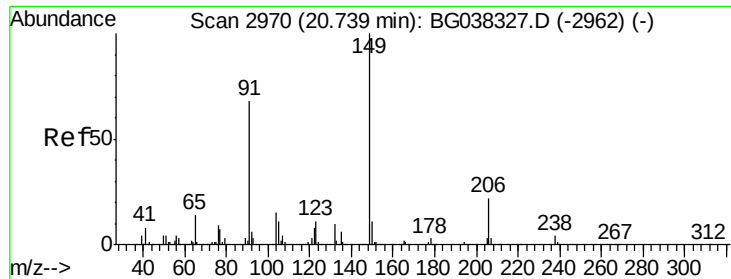
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.8	26.6
203	18.0	15.2	22.8



#79
 Terphenyl-d14
 Concen: 104.556 ng
 RT: 20.06 min Scan# 2854
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	7.9	9.0	13.4

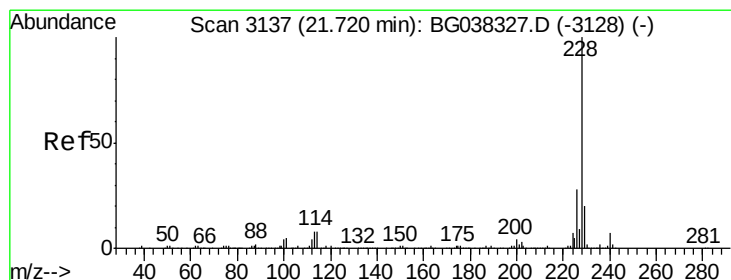
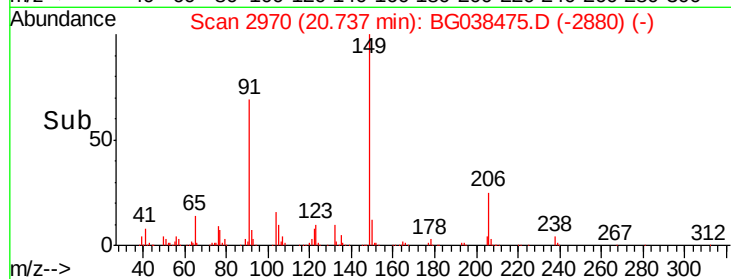
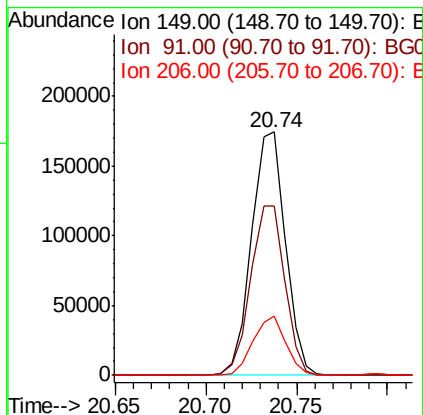
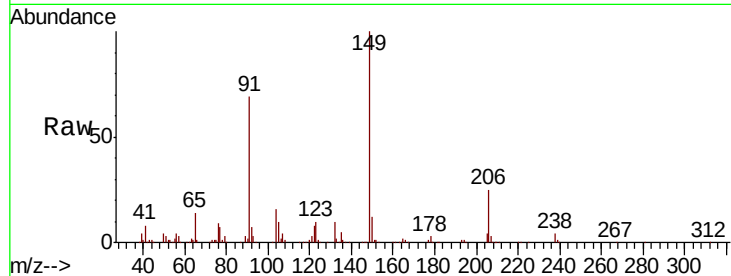




#80
Butylbenzylphthalate
Concen: 46.911 ng
RT: 20.74 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

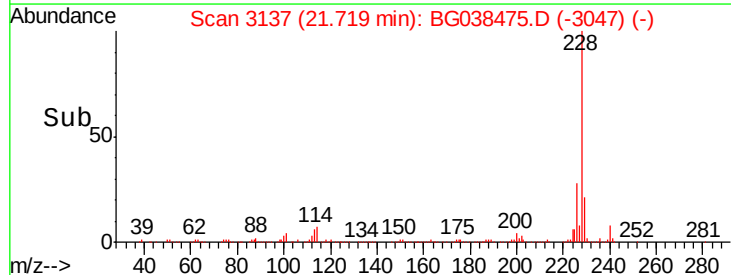
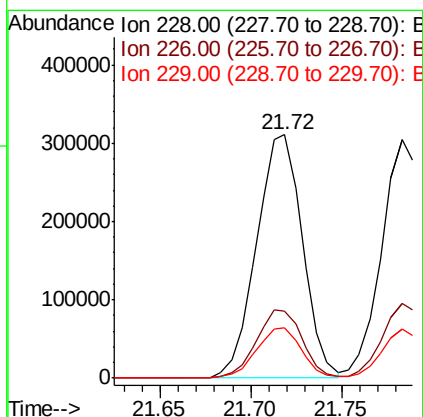
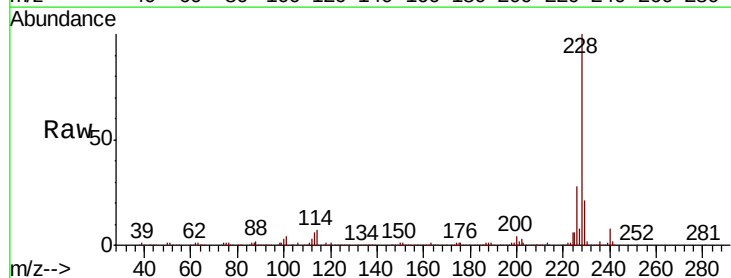
Instrument :
BNA_G
ClientSampleId :
OR-02-121018-AMS

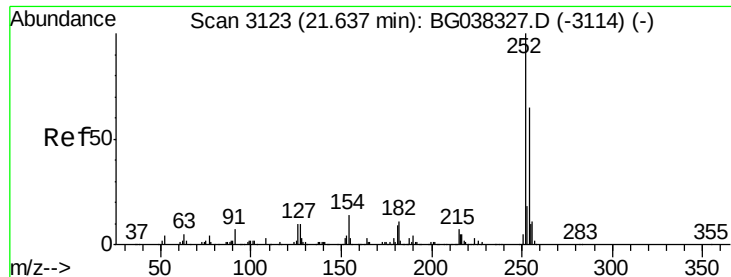
Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	57.0	85.4
206	24.5	17.8	26.6



#81
Benzo(a)anthracene
Concen: 51.673 ng
RT: 21.72 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG038475.D
Acq: 11 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	20.8	16.3	24.5

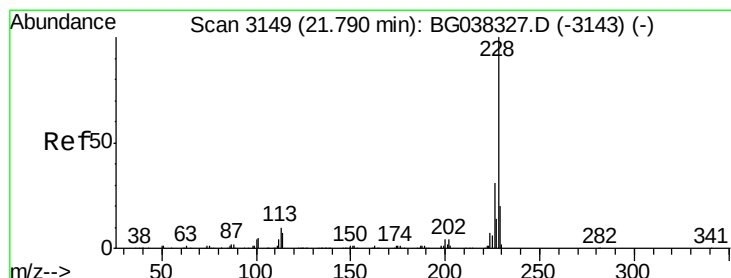
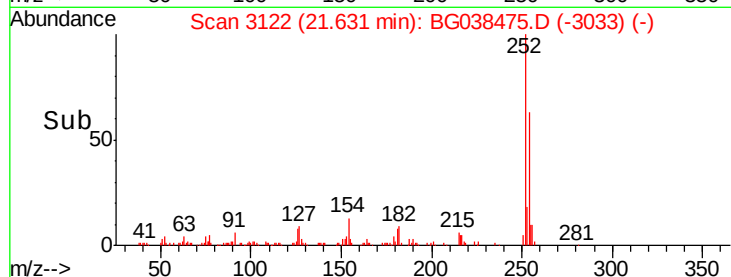
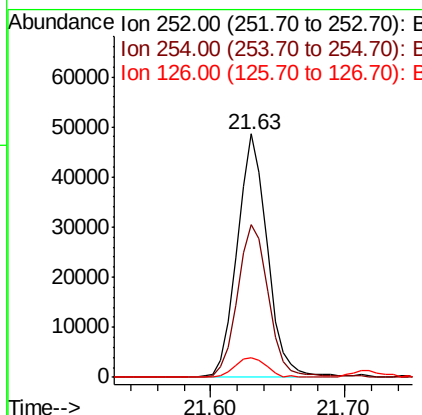
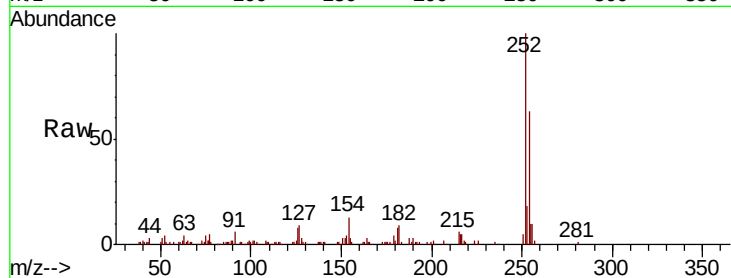




#82
 3,3'-Dichlorobenzidine
 Concen: 18.427 ng
 RT: 21.63 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

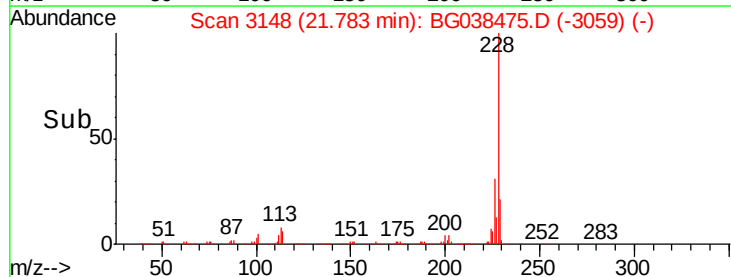
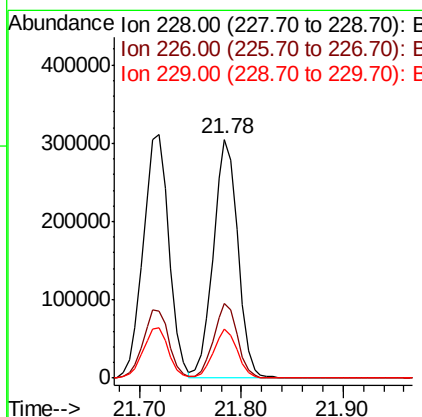
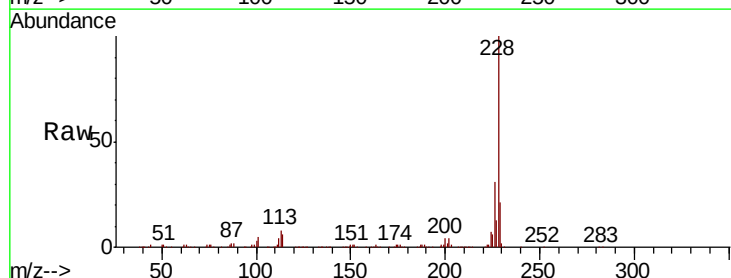
Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

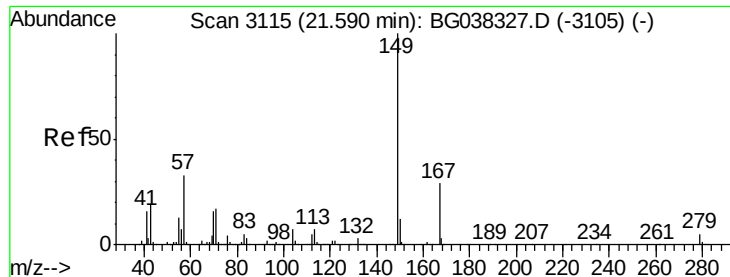
Tgt Ion:252 Resp: 75880
 Ion Ratio Lower Upper
 252 100
 254 62.6 52.0 78.0
 126 7.9 8.2 12.4#



#83
 Chrysene
 Concen: 50.809 ng
 RT: 21.78 min Scan# 3148
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion:228 Resp: 508952
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.7 38.5
 229 20.5 16.5 24.7

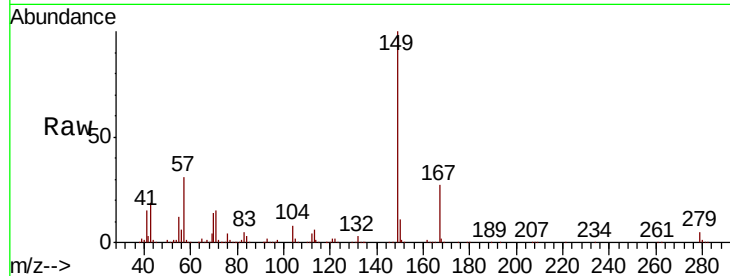




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.630 ng
 RT: 21.58 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-121018-AMS

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.4	23.0	34.4
279	4.7	3.6	5.4

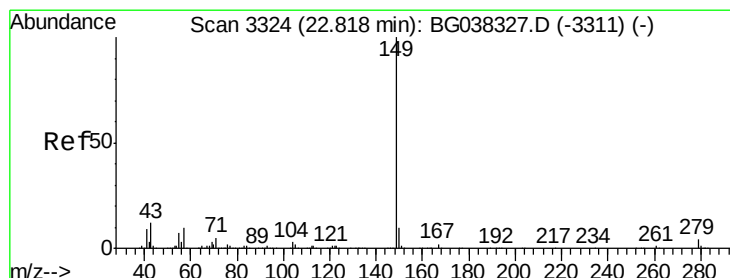
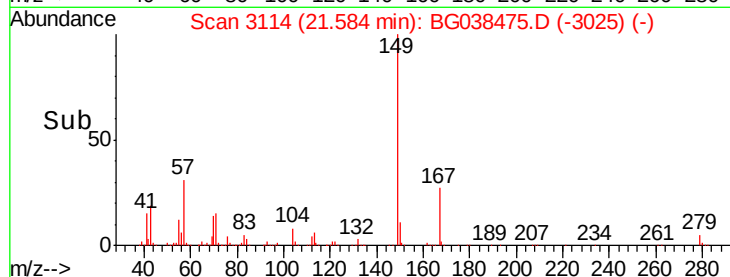
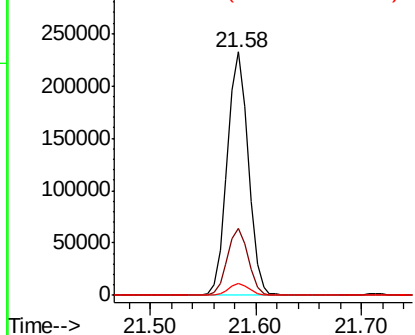


Abundance

Ion 149.00 (148.70 to 149.70): E

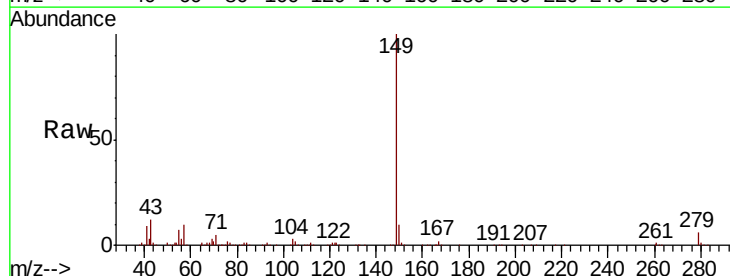
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Di-n-octyl phthalate
 Concen: 45.850 ng
 RT: 22.82 min Scan# 3324
 Delta R.T. -0.00 min
 Lab File: BG038475.D
 Acq: 11 Dec 2018 18:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	11.9	8.7	13.1

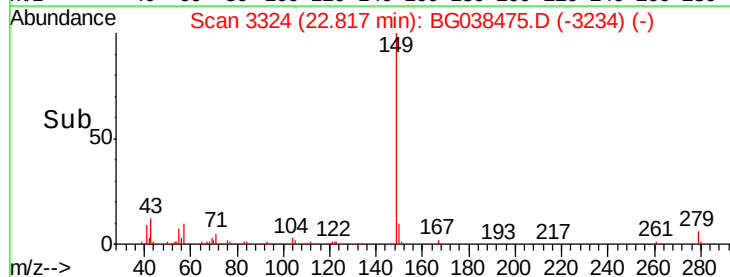
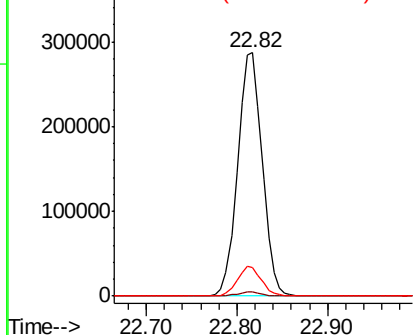


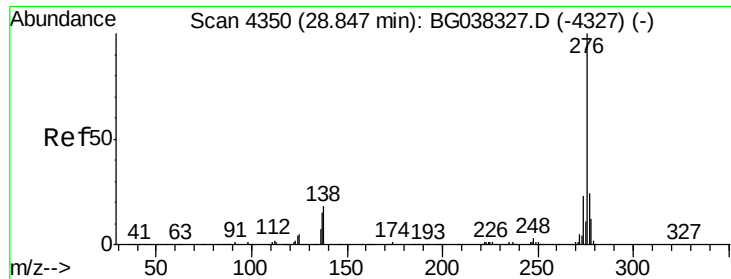
Abundance

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: 53.623 ng

RT: 28.83 min Scan# 4348

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

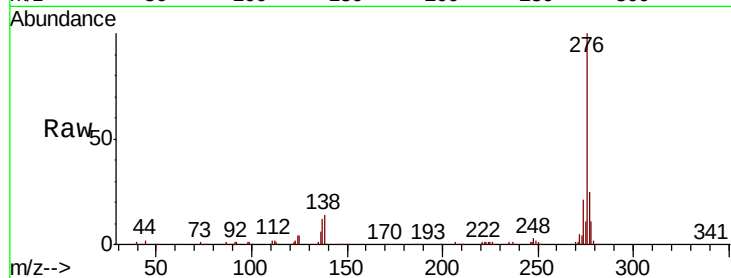
Tgt Ion:276 Resp: 610449

Ion Ratio Lower Upper

276 100

138 11.6 12.0 18.0#

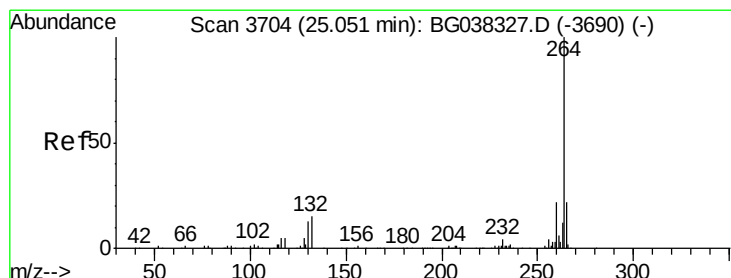
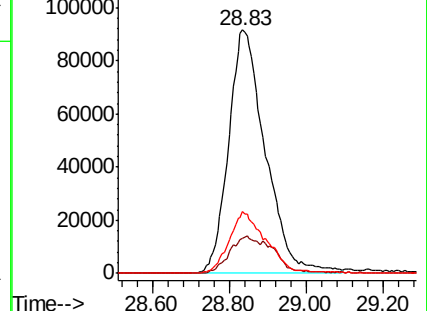
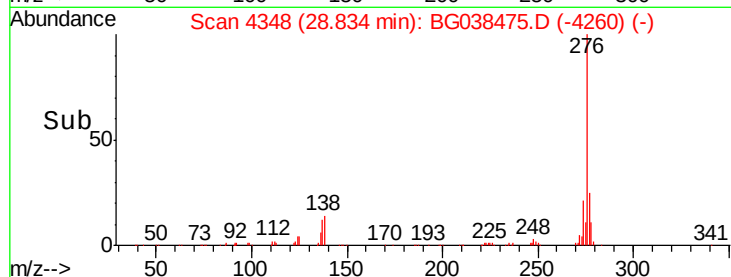
277 25.4 20.6 30.8



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: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

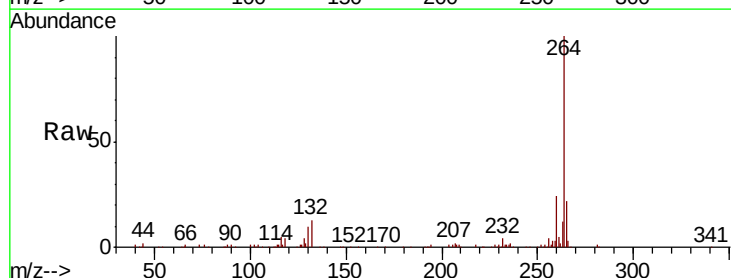
Tgt Ion:264 Resp: 199751

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.4

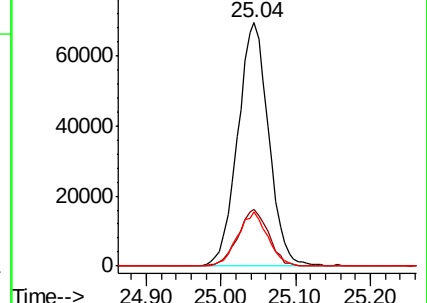
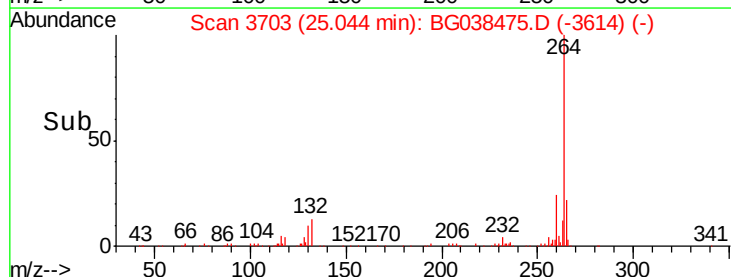
265 22.4 17.9 26.9

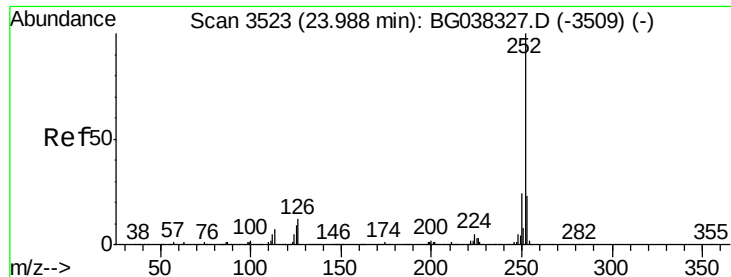


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 48.518 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

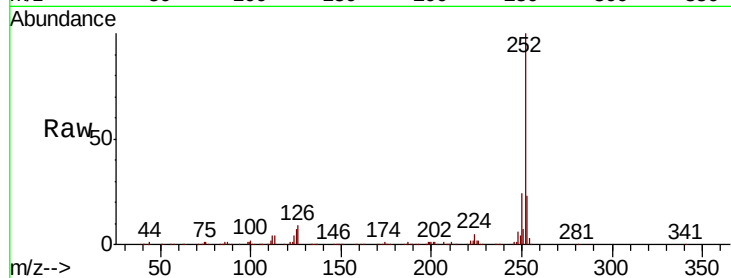
Tgt Ion:252 Resp: 547604

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

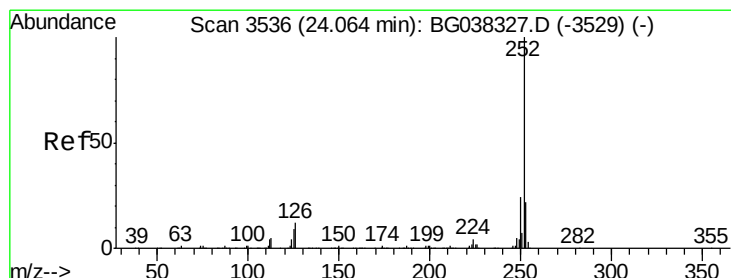
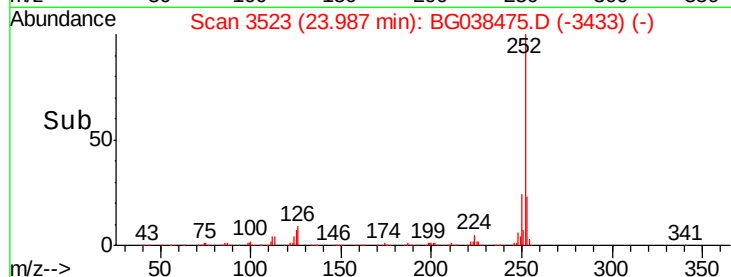
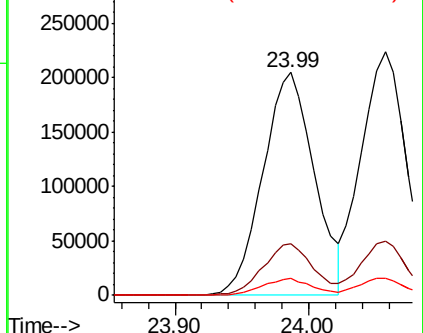
125 7.4 7.8 11.6#



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: 48.715 ng

RT: 23.99 min Scan# 3523

Delta R.T. -0.08 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

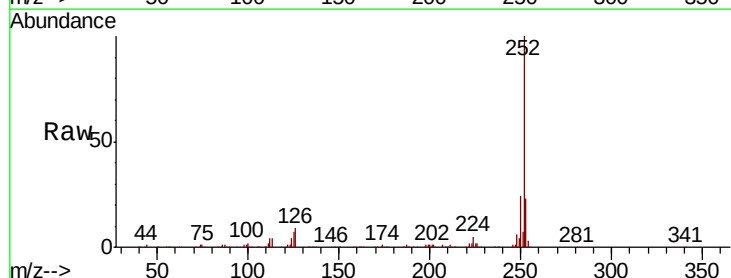
Tgt Ion:252 Resp: 547604

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

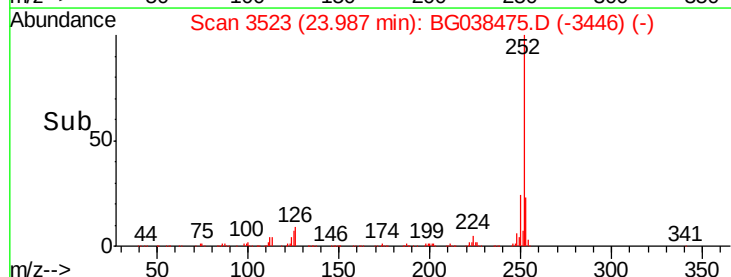
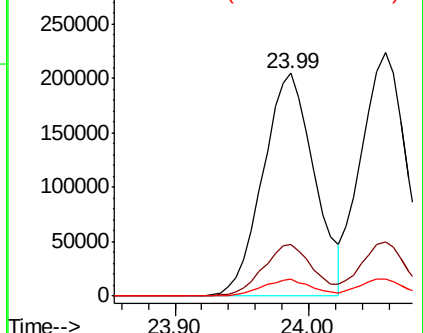
125 7.4 7.4 11.0

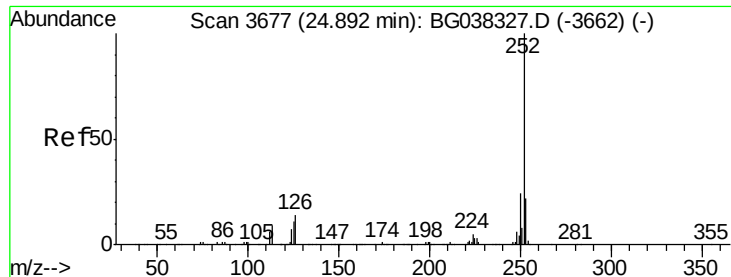


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 57.967 ng

RT: 24.89 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS

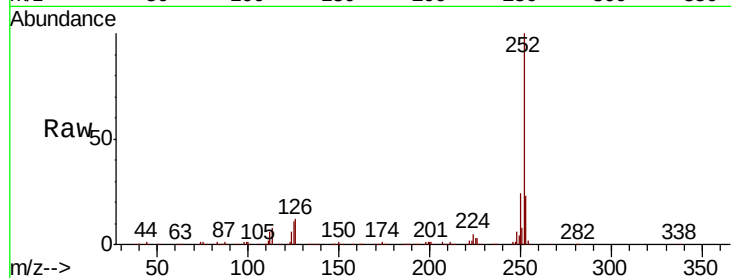
Tgt Ion:252 Resp: 634615

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

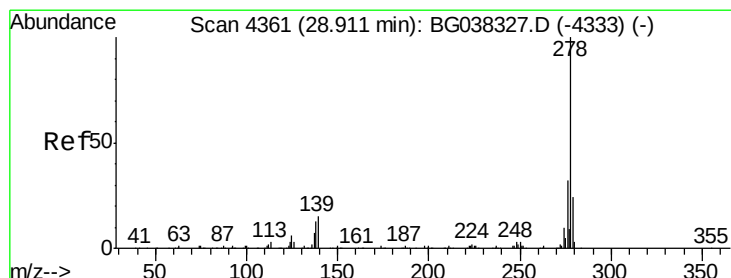
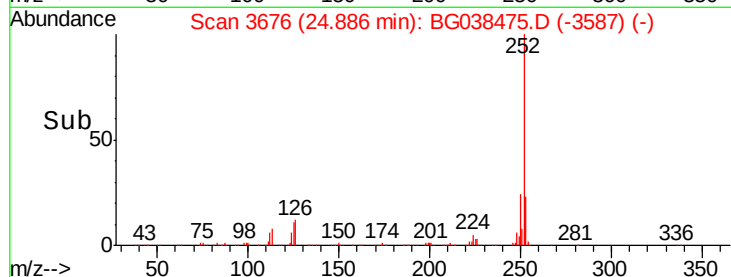
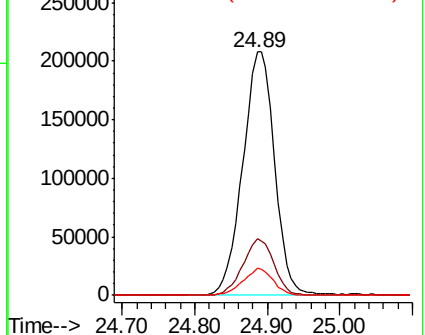
125 11.3 9.0 13.6



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: 47.429 ng

RT: 28.90 min Scan# 4360

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

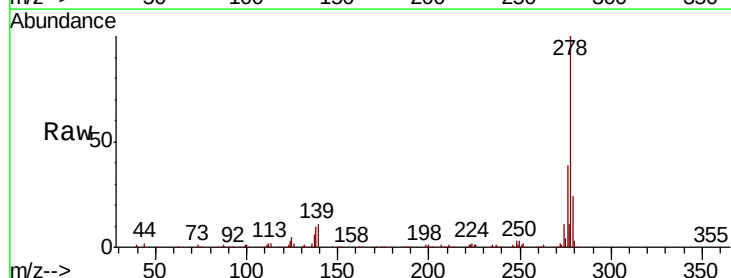
Tgt Ion:278 Resp: 492479

Ion Ratio Lower Upper

278 100

139 11.5 11.5 17.3#

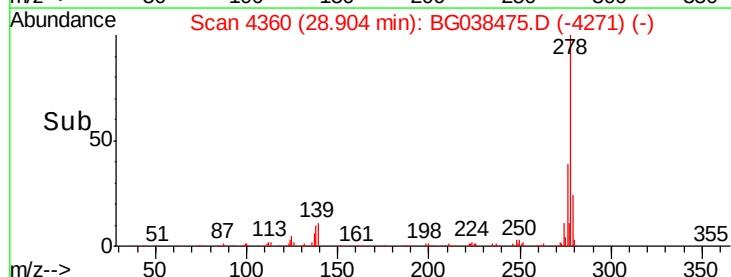
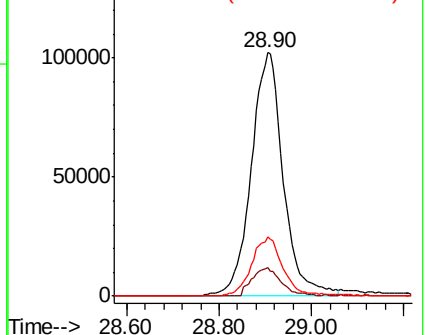
279 24.2 18.6 27.8

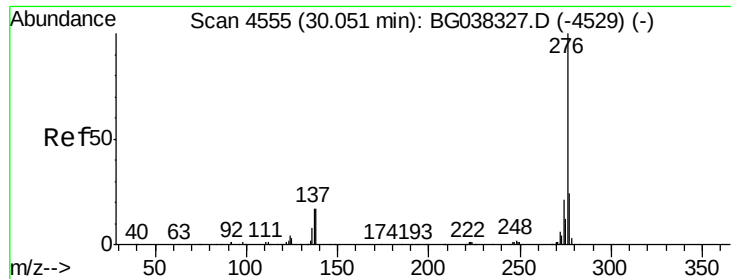


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(g,h,i)perylene

Concen: 48.505 ng

RT: 30.04 min Scan# 4554

Delta R.T. -0.01 min

Lab File: BG038475.D

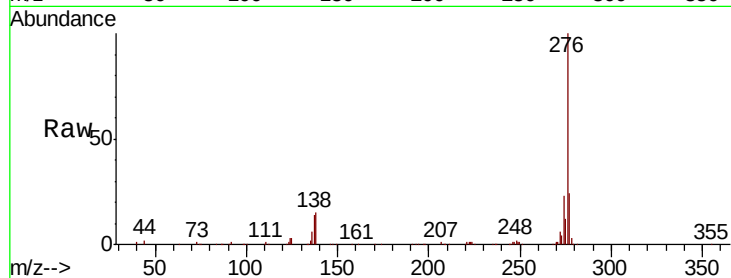
Acq: 11 Dec 2018 18:39

Instrument :

BNA_G

ClientSampleId :

OR-02-121018-AMS



Tgt Ion:	276	Resp:	499687
Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	14.7	17.2	25.8#

