

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100618\
 Data File : BG037201.D
 Acq On : 5 Oct 2018 22:57
 Operator : JU/SJ
 Sample : J5199-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Quant Time: Oct 06 04:55:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	38898	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	166350	20.00	ng	-0.02
38) Acenaphthene-d10	14.66	164	117592	20.00	ng	-0.02
63) Phenanthrene-d10	17.40	188	298181	20.00	ng	-0.02
75) Chrysene-d12	21.67	240	300007	20.00	ng	-0.02
86) Perylene-d12	24.86	264	309836	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	262328	129.34	ng	-0.01
7) Phenol-d6	7.20	99	345308	110.04	ng	-0.02
23) Nitrobenzene-d5	9.19	82	278499	89.65	ng	-0.02
41) 2,4,6-Tribromophenol	16.15	330	181609	129.08	ng	-0.02
44) 2-Fluorobiphenyl	13.28	172	593676	75.19	ng	-0.02
78) Terphenyl-d14	20.01	244	1080030	94.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	43301	46.655	ng	# 88
3) Pyridine	3.92	79	112527	41.990	ng	95
4) n-Nitrosodimethylamine	3.83	42	67917	57.022	ng	# 90
6) Aniline	7.36	93	76592	18.810	ng	96
8) 2-Chlorophenol	7.59	128	128020	54.359	ng	95
9) Benzaldehyde	7.17	77	79561	38.369	ng	98
10) Phenol	7.22	94	151203	46.687	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	130289	43.490	ng	99
12) 1,3-Dichlorobenzene	7.92	146	128709	44.578	ng	97
13) 1,4-Dichlorobenzene	8.06	146	129571	43.852	ng	98
14) 1,2-Dichlorobenzene	8.38	146	129282	45.151	ng	99
15) Benzyl Alcohol	8.27	79	126431	49.653	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	274279	47.688	ng	98
17) 2-Methylphenol	8.48	107	112879	50.036	ng	97
18) Hexachloroethane	9.11	117	51617	47.471	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	120050	45.987	ng	98
20) 3+4-Methylphenols	8.80	107	159123	50.702	ng	99
22) Acetophenone	8.85	105	210532	53.856	ng	95
24) Nitrobenzene	9.23	77	174680	52.657	ng	98
25) Isophorone	9.76	82	342726	60.381	ng	98
26) 2-Nitrophenol	9.94	139	73710	55.745	ng	99
27) 2,4-Dimethylphenol	10.00	122	129598	62.921	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	187997	53.677	ng	98
29) 2,4-Dichlorophenol	10.49	162	141531	59.276	ng	98
30) 1,2,4-Trichlorobenzene	10.70	180	139258	46.605	ng	99
31) Naphthalene	10.88	128	451724	57.071	ng	99
32) Benzoic acid	10.13	122	5176	8.701	ng	# 68
33) 4-Chloroaniline	11.02	127	11642	3.235	ng	95
34) Hexachlorobutadiene	11.17	225	92832	44.925	ng	96
35) Caprolactam	11.77	113	27873	28.363	ng	98
36) 4-Chloro-3-methylphenol	12.11	107	178038	62.492	ng	98
37) 2-Methylnaphthalene	12.48	142	330090	54.757	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	183147	44.655	ng	98
40) Hexachlorocyclopentadiene	12.83	237	188112	89.179	ng	96

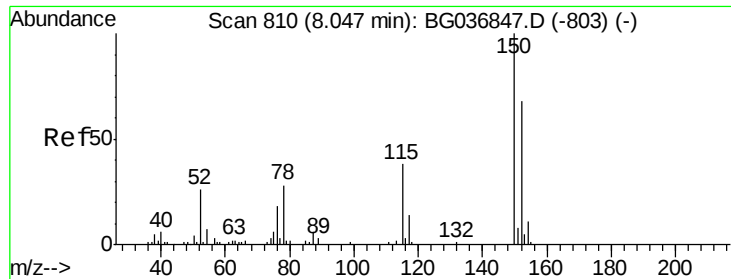
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	123092	54.046	ng	96
43) 2,4,5-Trichlorophenol	13.17	196	139397	57.399	ng	97
45) 1,1'-Biphenyl	13.49	154	439468	48.798	ng	97
46) 2-Chloronaphthalene	13.53	162	334956	47.294	ng	99
47) 2-Nitroaniline	13.74	65	138200	56.416	ng	97
48) Acenaphthylene	14.38	152	595970	53.700	ng	99
49) Dimethylphthalate	14.11	163	479240	50.631	ng	98
50) 2,6-Dinitrotoluene	14.23	165	108671	52.621	ng	99
51) Acenaphthene	14.72	154	338423	50.455	ng	99
52) 3-Nitroaniline	14.57	138	28856	13.260	ng	# 96
53) 2,4-Dinitrophenol	14.78	184	26499	32.411	ng	94
54) Dibenzofuran	15.06	168	561017	49.449	ng	99
55) 4-Nitrophenol	14.88	139	136688	98.320	ng	95
56) 2,4-Dinitrotoluene	15.02	165	152734	53.001	ng	97
57) Fluorene	15.70	166	463979	54.715	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141414	57.401	ng	99
59) Diethylphthalate	15.47	149	492501	51.588	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	250829	46.707	ng	97
61) 4-Nitroaniline	15.73	138	110805	48.406	ng	98
62) Azobenzene	15.98	77	505645	55.123	ng	98
64) 4,6-Dinitro-2-methylphenol	15.79	198	41747	26.779	ng	95
65) n-Nitrosodiphenylamine	15.91	169	424620	51.582	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	165166	48.698	ng	97
67) Hexachlorobenzene	16.71	284	166987	47.804	ng	98
68) Atrazine	16.86	200	177666	53.302	ng	98
69) Pentachlorophenol	17.05	266	138779	63.101	ng	98
70) Phenanthrene	17.45	178	777182	54.087	ng	98
71) Anthracene	17.54	178	803749	56.569	ng	99
72) Carbazole	17.81	167	701773	50.658	ng	98
73) Di-n-butylphthalate	18.36	149	830780	54.001	ng	99
74) Fluoranthene	19.45	202	936950	54.170	ng	100
76) Benzidine	19.64	184	137332	15.143	ng	96
77) Pyrene	19.81	202	927124	51.498	ng	100
79) Butylbenzylphthalate	20.69	149	396193	55.212	ng	99
80) Benzo(a)anthracene	21.65	228	927502	52.961	ng	98
81) 3,3'-Dichlorobenzidine	21.56	252	136589	20.490	ng	# 99
82) Chrysene	21.71	228	888906	52.533	ng	99
83) Bis(2-ethylhexyl)phthalate	21.55	149	553916	55.256	ng	97
84) Di-n-octyl phthalate	22.75	149	938077	56.836	ng	100
85) Indeno(1,2,3-cd)pyrene	28.50	276	1060070	58.341	ng	# 94
87) Benzo(b)fluoranthene	23.85	252	908569	55.025	ng	98
88) Benzo(k)fluoranthene	23.92	252	916129	55.302	ng	100
89) Benzo(a)pyrene	24.72	252	896638	56.169	ng	100
90) Dibenzo(a,h)anthracene	28.56	278	858219	57.364	ng	99
91) Benzo(g,h,i)perylene	29.63	276	870758	57.993	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 808

Delta R.T. -0.01 min

Lab File: BG037201.D

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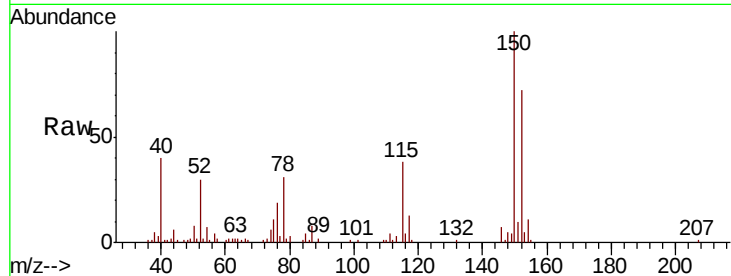
Tgt Ion:152 Resp: 38898

Ion Ratio Lower Upper

152 100

150 139.7 119.5 179.3

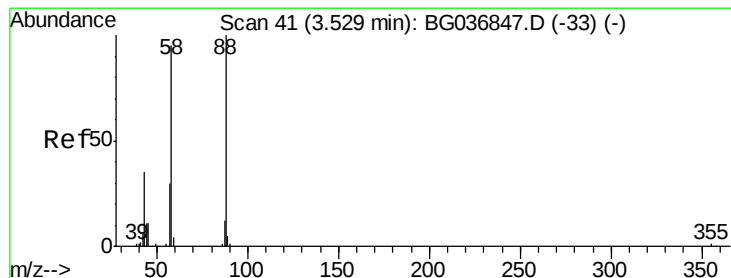
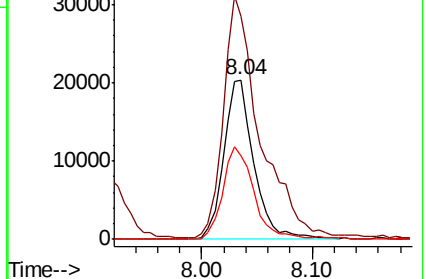
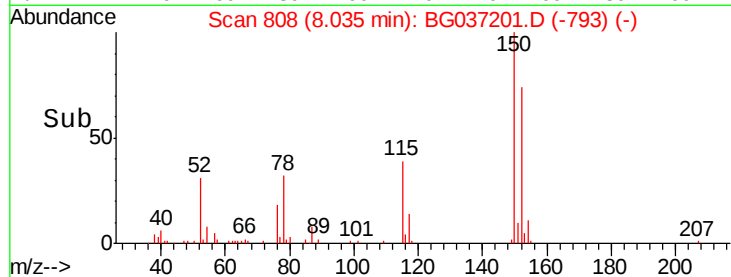
115 52.7 44.5 66.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 46.655 ng

RT: 3.52 min Scan# 40

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

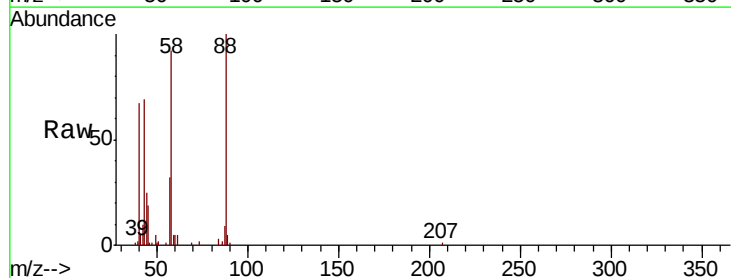
Tgt Ion: 88 Resp: 43301

Ion Ratio Lower Upper

88 100

58 92.8 72.6 109.0

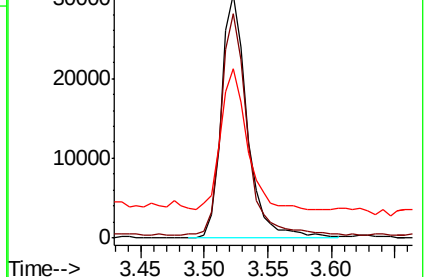
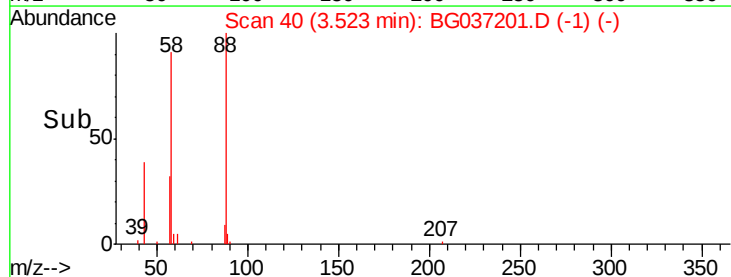
43 57.9 29.0 43.4#

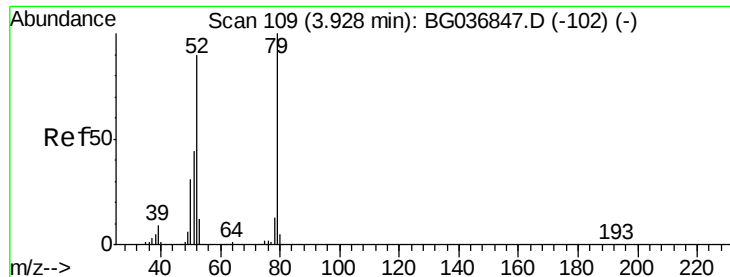


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 41.990 ng

RT: 3.92 min Scan# 108

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

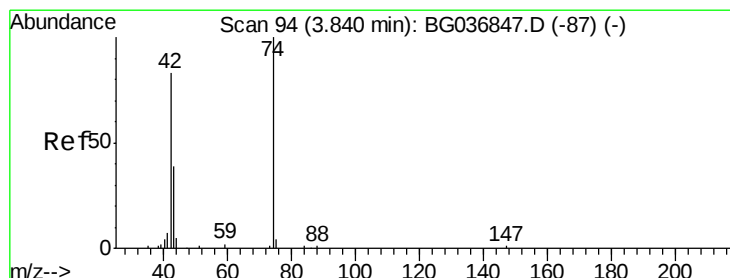
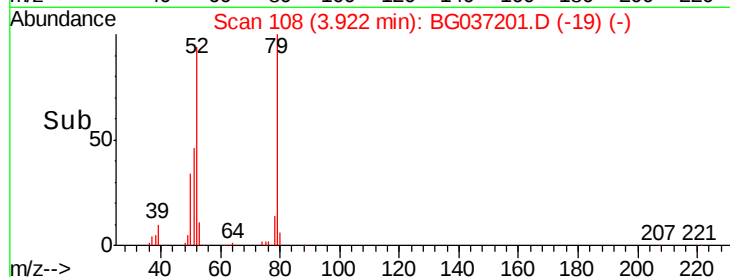
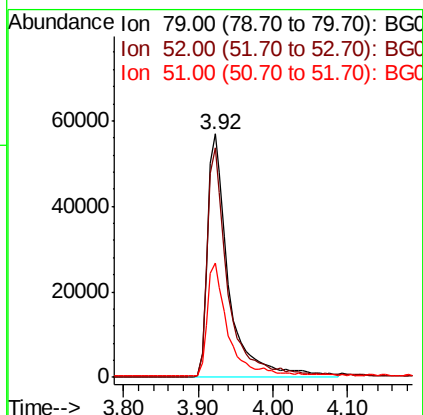
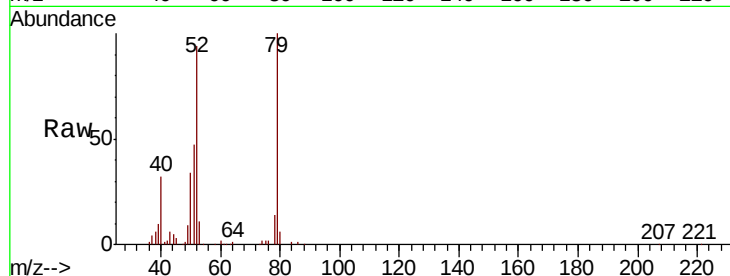
Tgt Ion: 79 Resp: 112527

Ion Ratio Lower Upper

79 100

52 94.1 72.3 108.5

51 46.9 33.8 50.6



#4

n-Nitrosodimethylamine

Concen: 57.022 ng

RT: 3.83 min Scan# 92

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

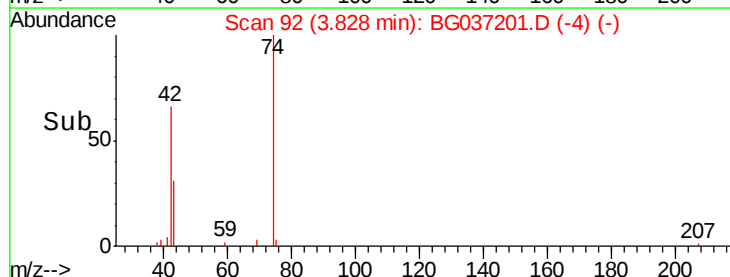
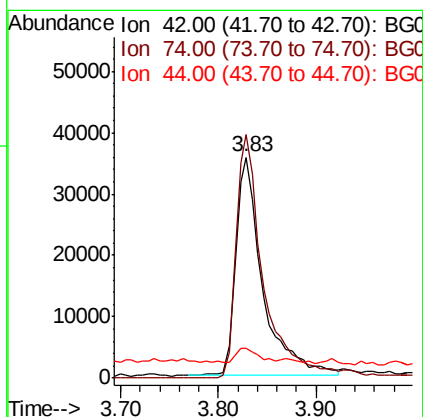
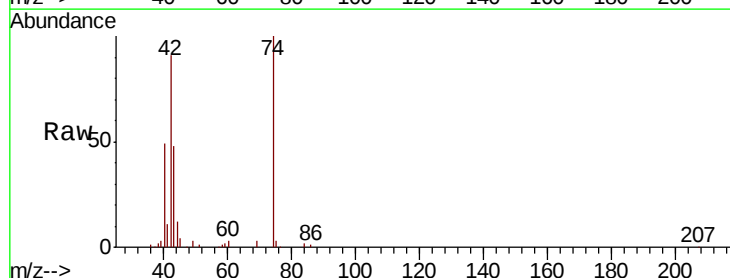
Tgt Ion: 42 Resp: 67917

Ion Ratio Lower Upper

42 100

74 110.1 96.6 145.0

44 13.7 7.0 10.4#





#5

2-Fluorophenol

Concen: 129.335 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

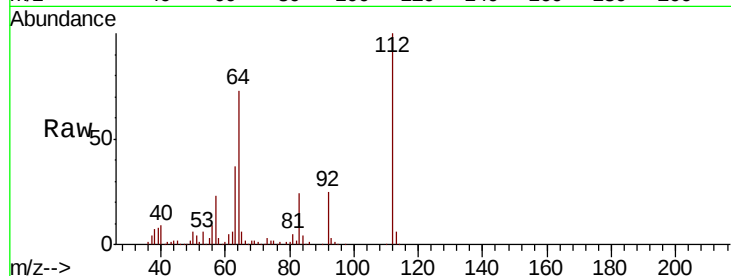
Tgt Ion: 112 Resp: 262328

Ion Ratio Lower Upper

112 100

64 72.5 57.2 85.8

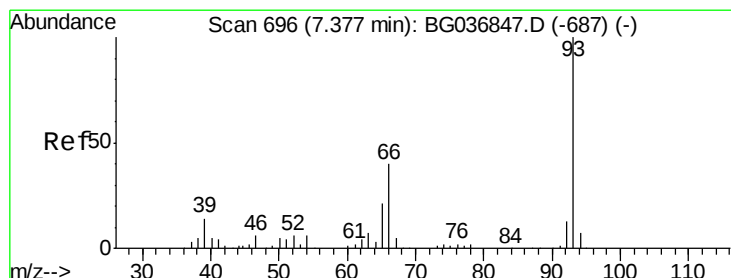
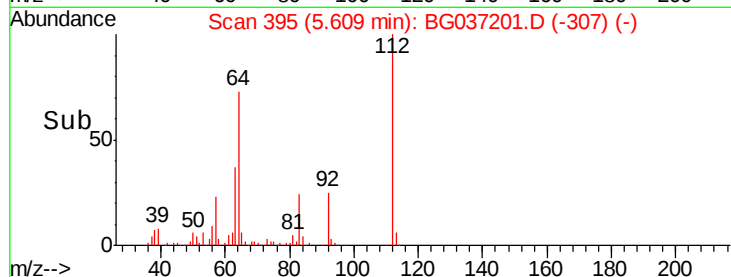
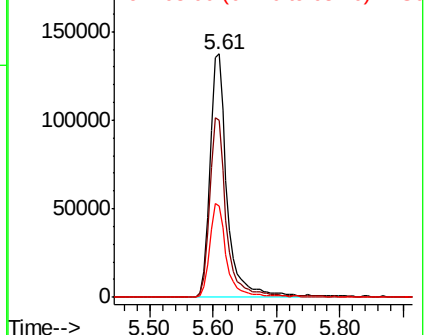
63 37.3 30.8 46.2



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: 18.810 ng

RT: 7.36 min Scan# 693

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

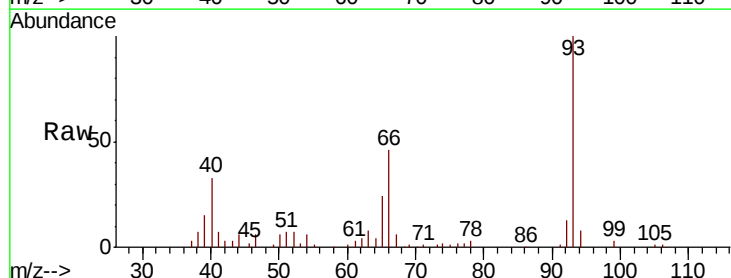
Tgt Ion: 93 Resp: 76592

Ion Ratio Lower Upper

93 100

66 46.3 35.0 52.4

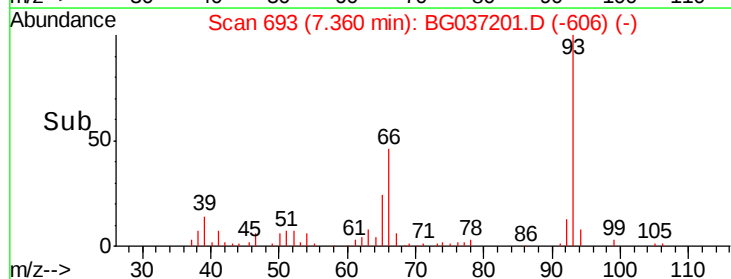
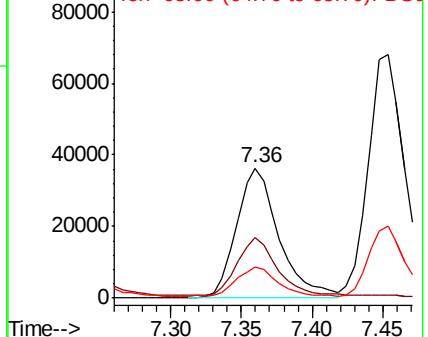
65 24.4 17.6 26.4



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: 110.037 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

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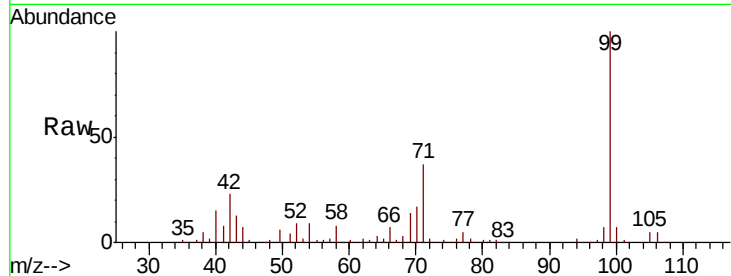
Tgt Ion: 99 Resp: 345308

Ion Ratio Lower Upper

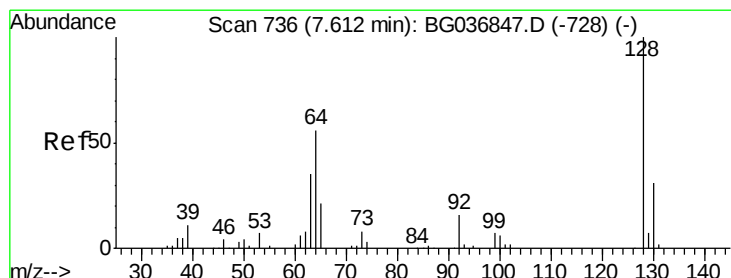
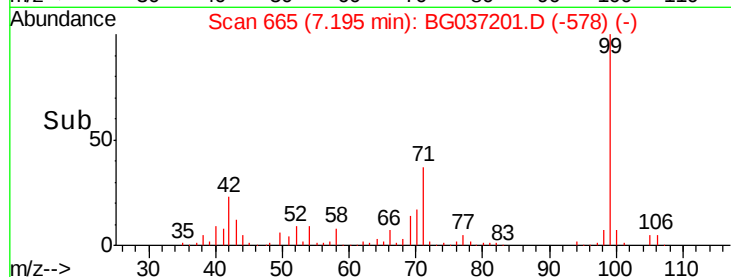
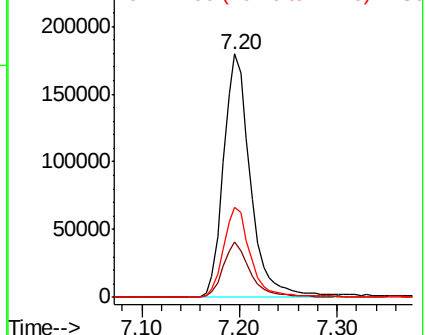
99 100

42 23.0 16.5 24.7

71 36.8 29.4 44.2



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: 54.359 ng

RT: 7.59 min Scan# 733

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

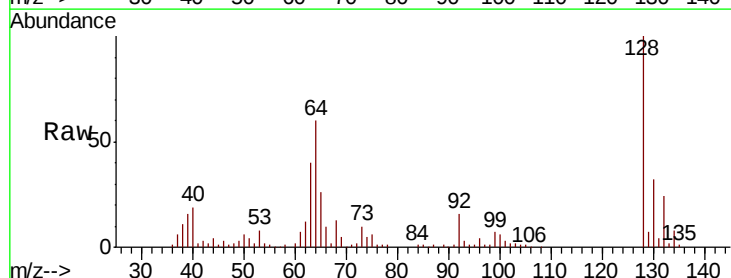
Tgt Ion: 128 Resp: 128020

Ion Ratio Lower Upper

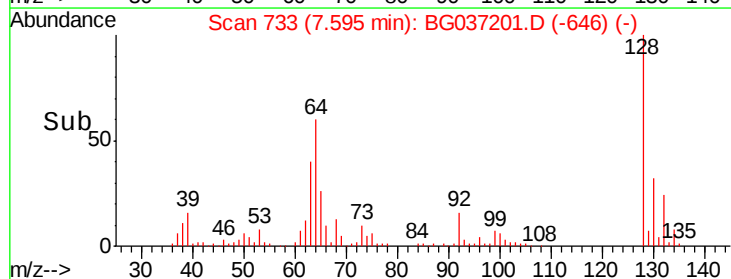
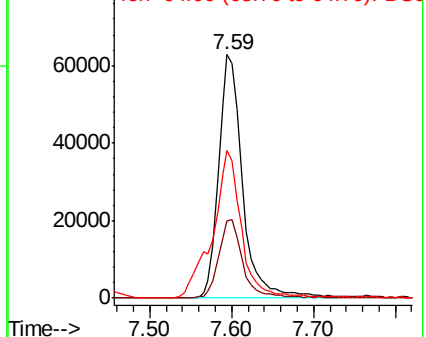
128 100

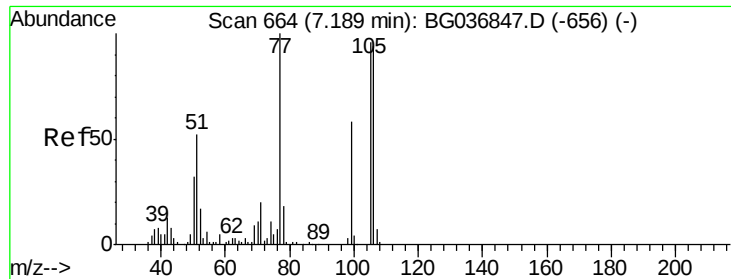
130 31.9 10.0 50.0

64 60.4 36.0 76.0



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





#9

Benzaldehyde

Concen: 38.369 ng

RT: 7.17 min Scan# 661

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

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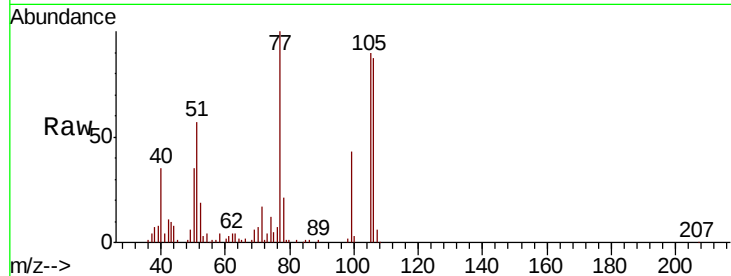
Tgt Ion: 77 Resp: 79561

Ion Ratio Lower Upper

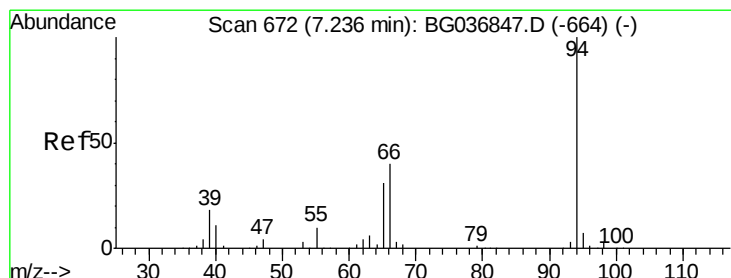
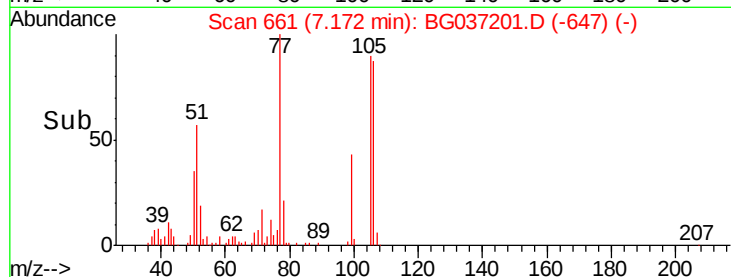
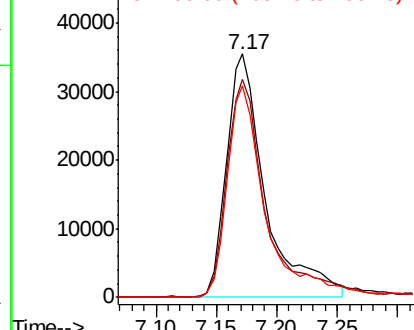
77 100

105 89.7 70.5 110.5

106 86.9 69.8 109.8



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: 46.687 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

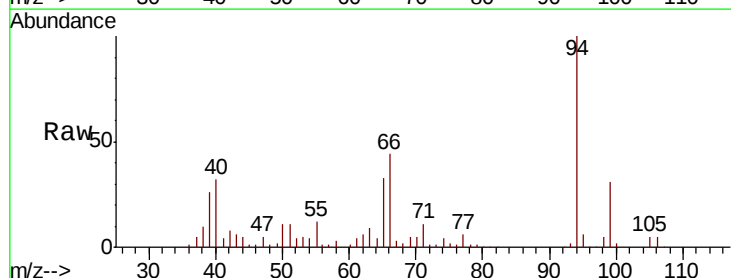
Tgt Ion: 94 Resp: 151203

Ion Ratio Lower Upper

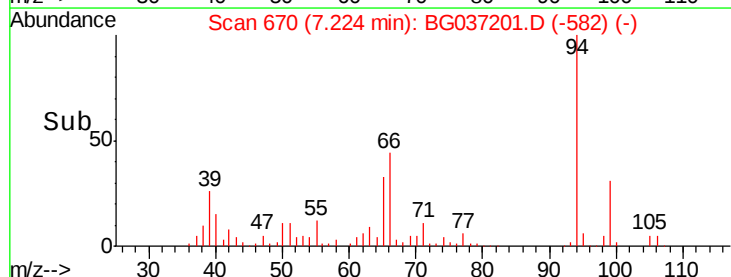
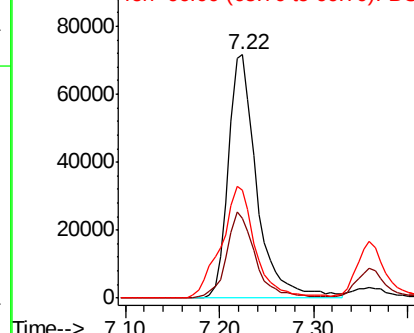
94 100

65 32.8 11.5 51.5

66 44.3 19.5 59.5



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

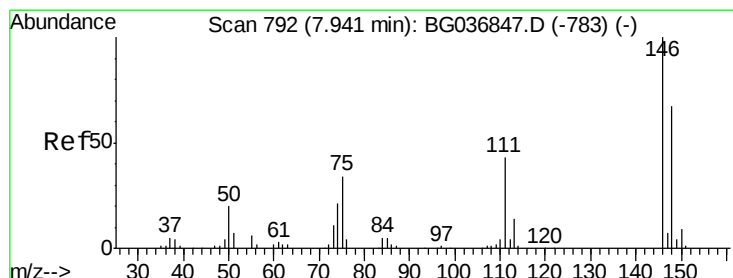
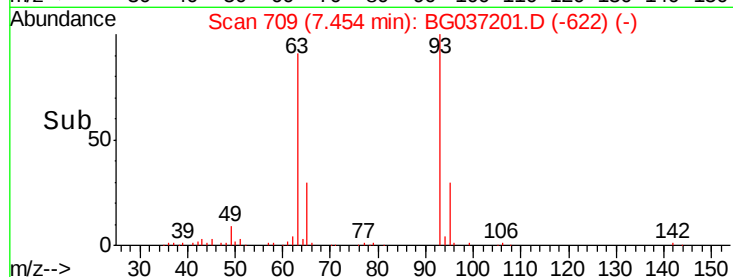
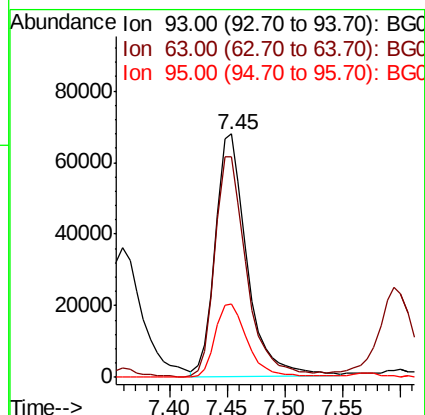
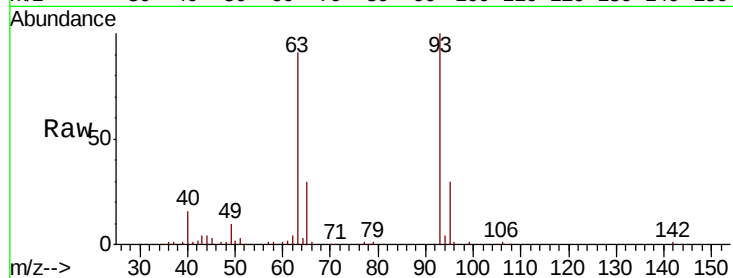




#11
 bis(2-Chloroethyl)ether
 Concen: 43.490 ng
 RT: 7.45 min Scan# 709
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

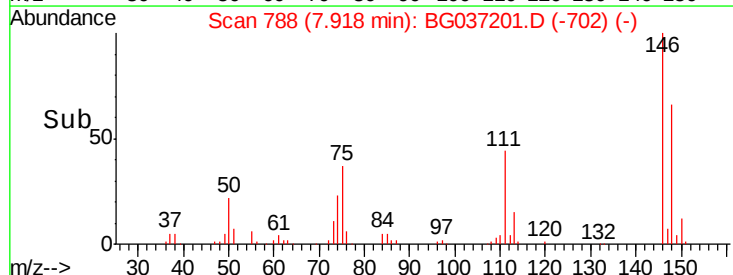
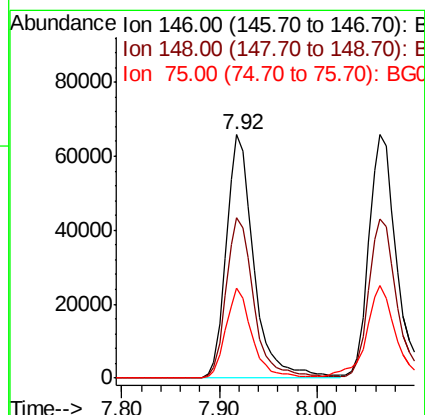
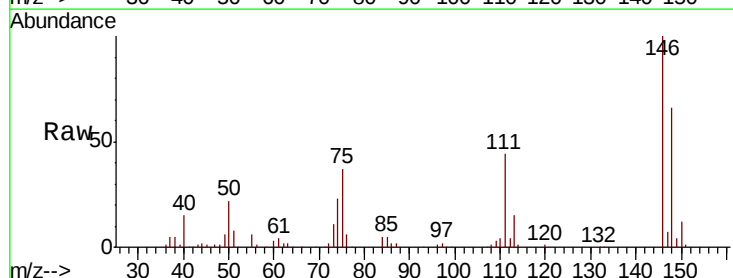
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

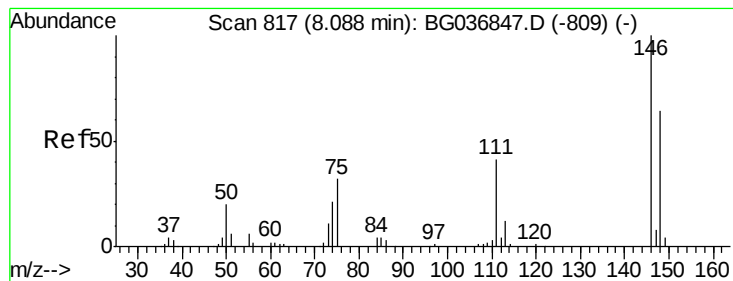
Tgt Ion: 93 Resp: 130289
 Ion Ratio Lower Upper
 93 100
 63 90.7 69.9 109.9
 95 30.4 11.7 51.7



#12
 1,3-Dichlorobenzene
 Concen: 44.578 ng
 RT: 7.92 min Scan# 788
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion: 146 Resp: 128709
 Ion Ratio Lower Upper
 146 100
 148 66.1 53.8 80.6
 75 37.3 27.2 40.8





#13

1,4-Dichlorobenzene

Concen: 43.852 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

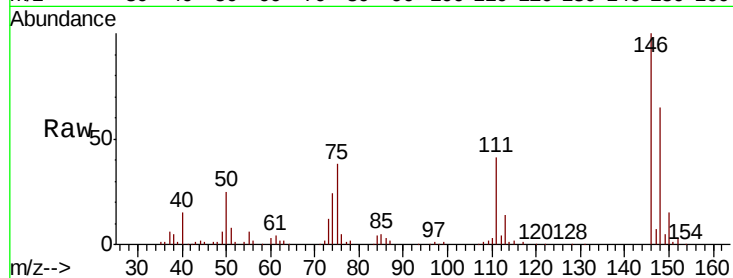
Tgt Ion:146 Resp: 129571

Ion Ratio Lower Upper

146 100

148 65.1 53.9 80.9

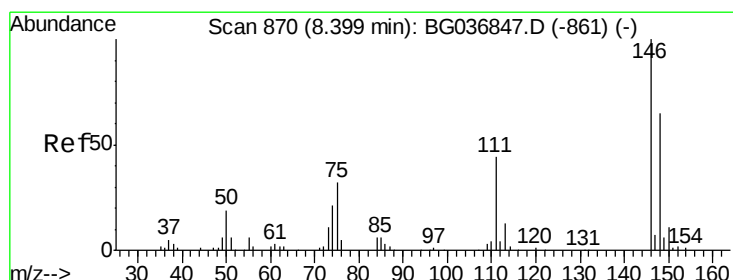
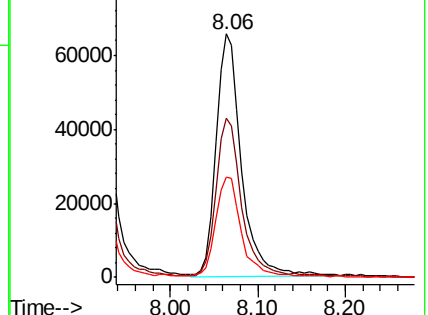
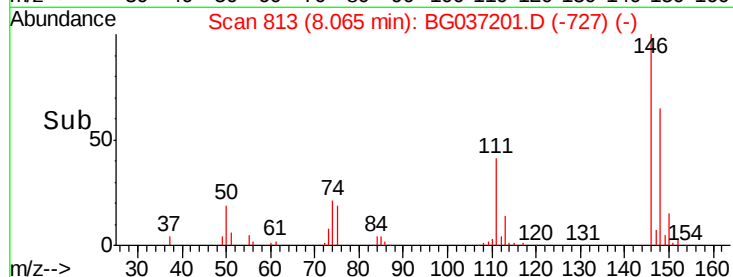
111 41.1 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 45.151 ng

RT: 8.38 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

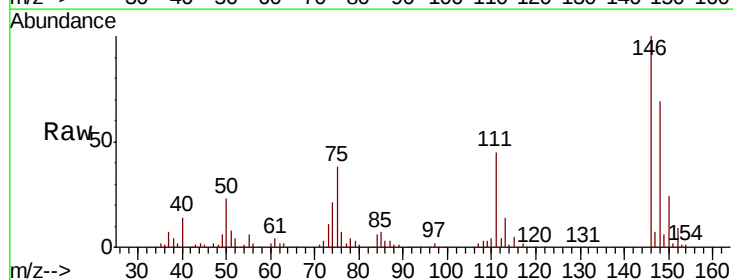
Tgt Ion:146 Resp: 129282

Ion Ratio Lower Upper

146 100

148 69.0 55.0 82.6

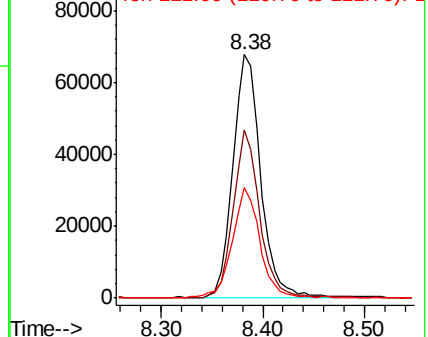
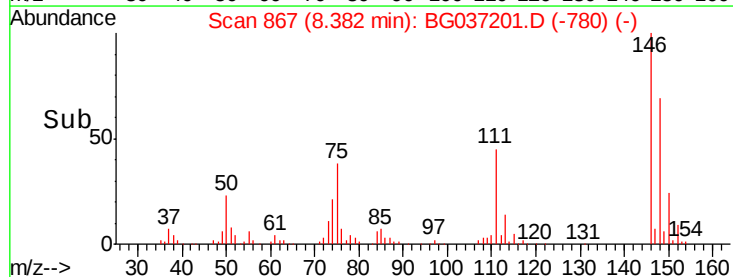
111 45.2 34.6 51.8

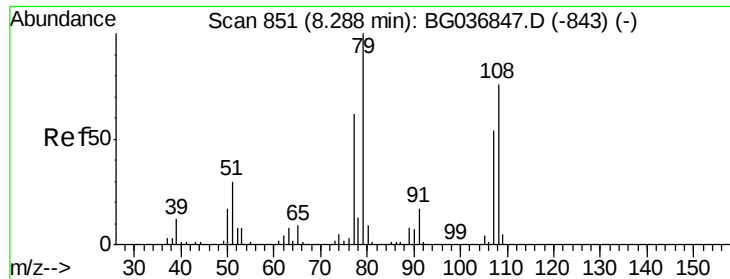


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.653 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

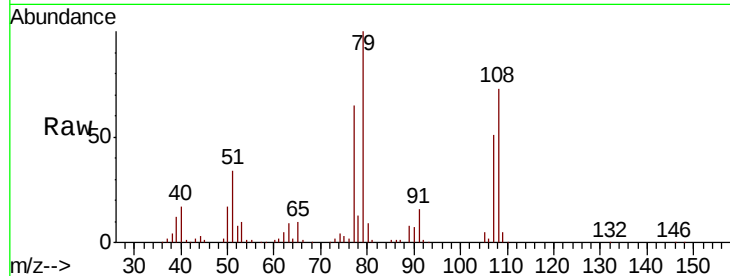
Tgt Ion: 79 Resp: 126431

Ion Ratio Lower Upper

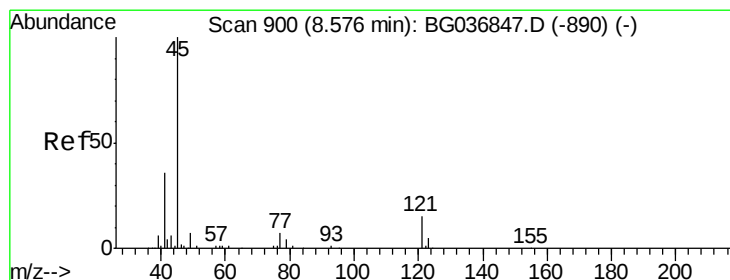
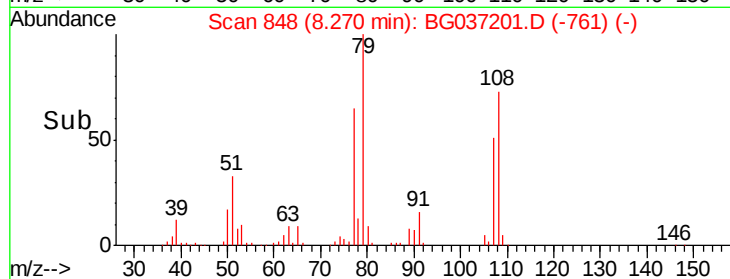
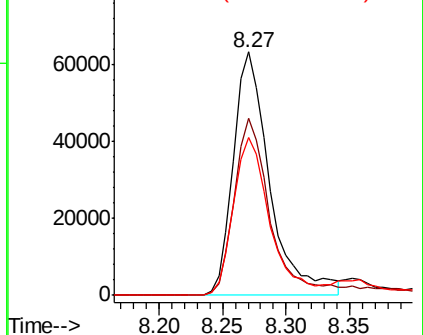
79 100

108 72.5 55.9 83.9

77 64.8 50.0 75.0



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: 47.688 ng

RT: 8.55 min Scan# 896

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

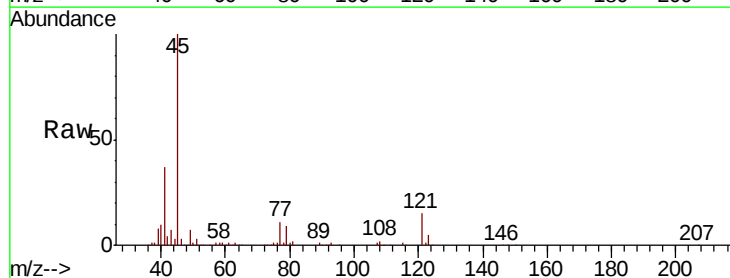
Tgt Ion: 45 Resp: 274279

Ion Ratio Lower Upper

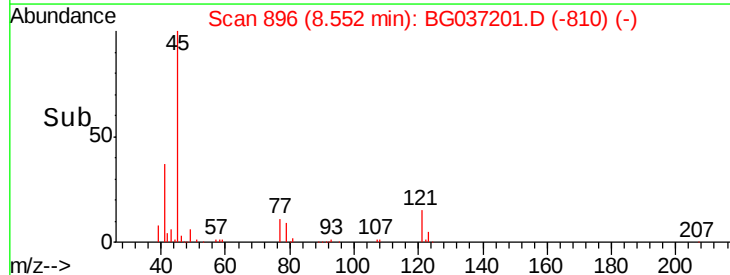
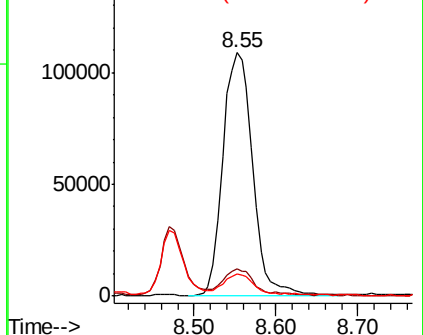
45 100

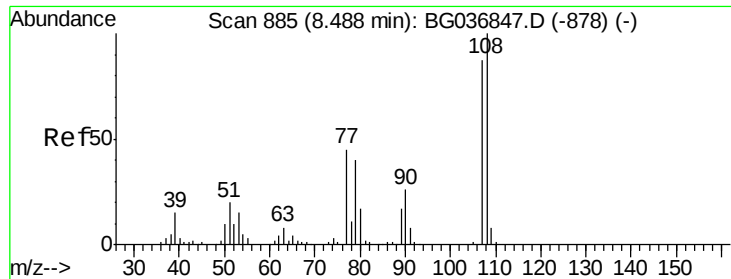
77 11.1 0.0 30.5

79 8.9 0.0 27.9



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

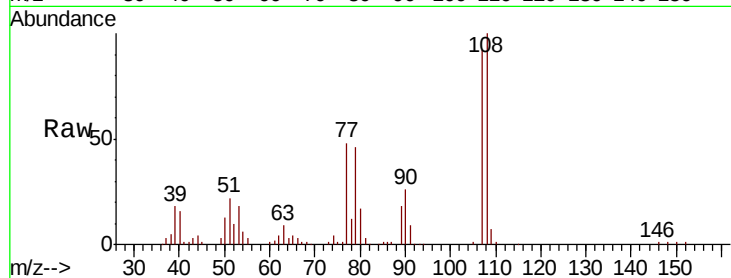




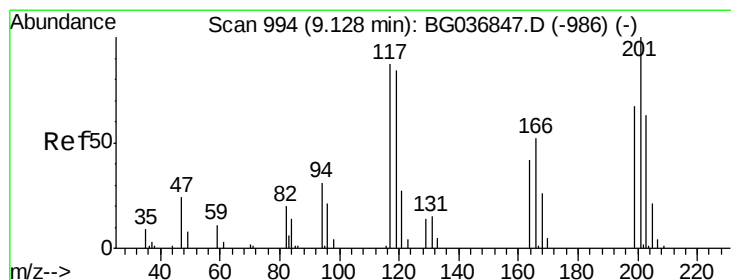
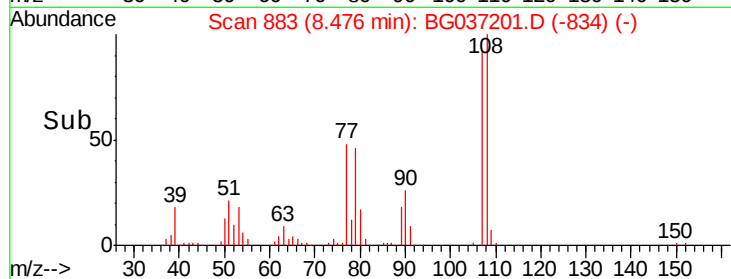
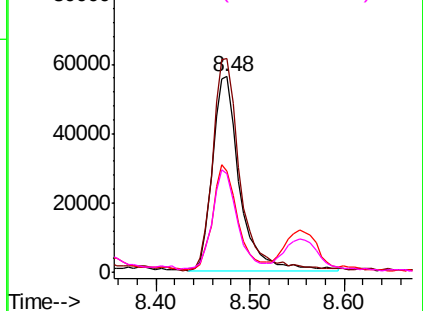
#17
2-Methylphenol
Concen: 50.036 ng
RT: 8.48 min Scan# 883
Delta R.T. -0.01 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:	107	Resp:	112879
Ion	Ratio	Lower	Upper
107	100		
108	109.2	86.7	130.1
77	51.9	39.0	58.4
79	50.5	36.6	54.8

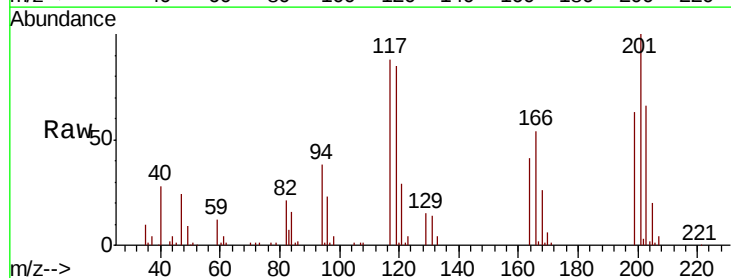


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

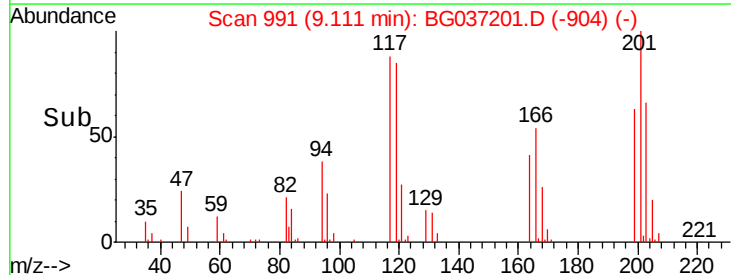
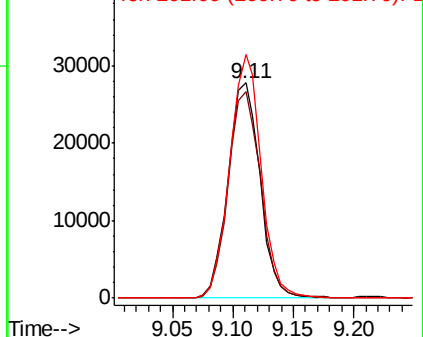


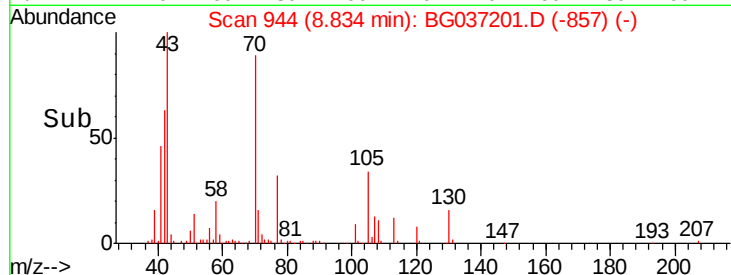
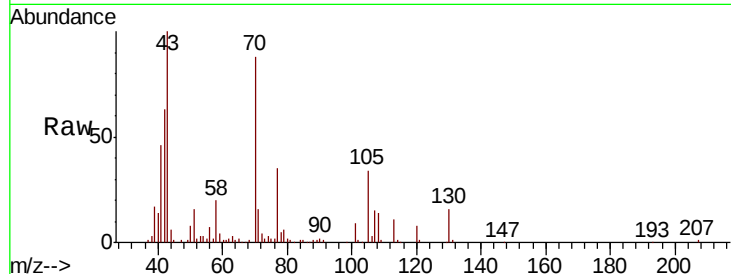
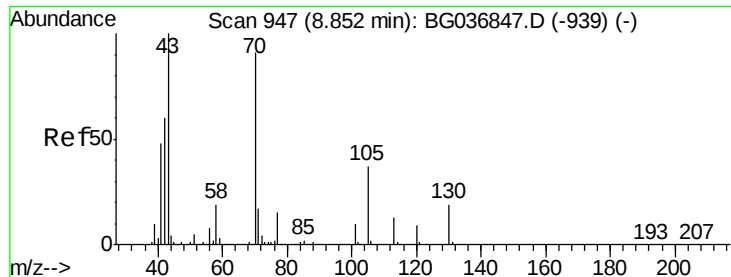
#18
Hexachloroethane
Concen: 47.471 ng
RT: 9.11 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:	117	Resp:	51617
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.8	115.2
201	113.1	85.7	128.5



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

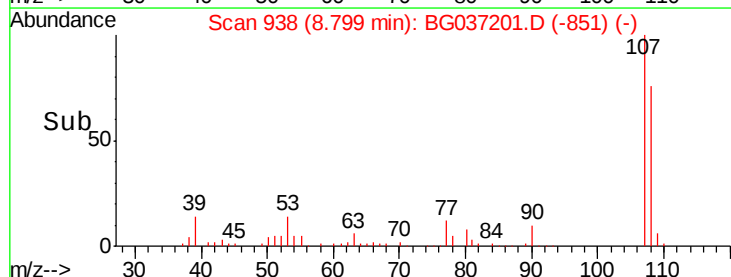
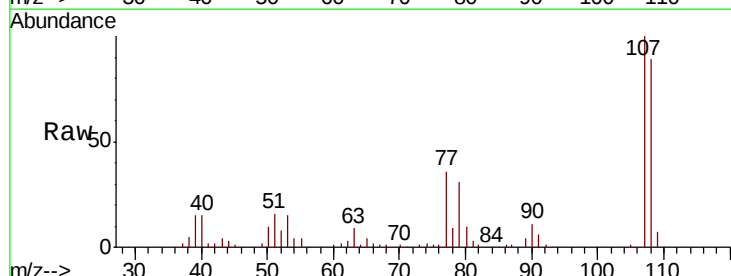
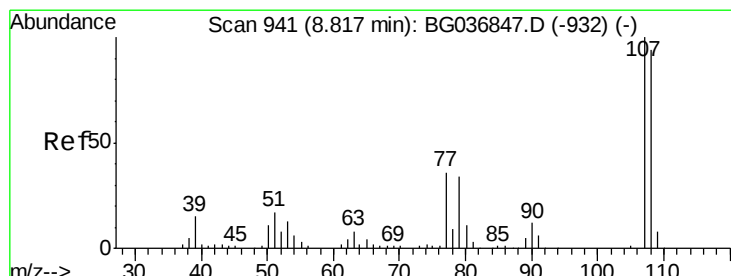
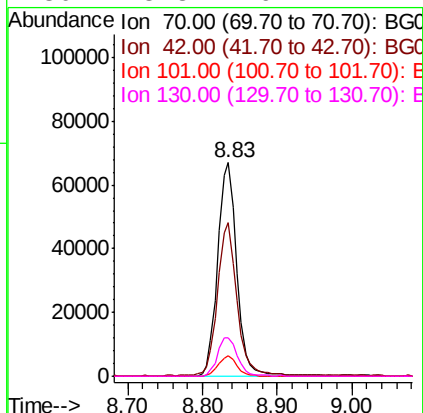




#19
n-Nitroso-di-n-propylamine
Concen: 45.987 ng
RT: 8.83 min Scan# 944
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

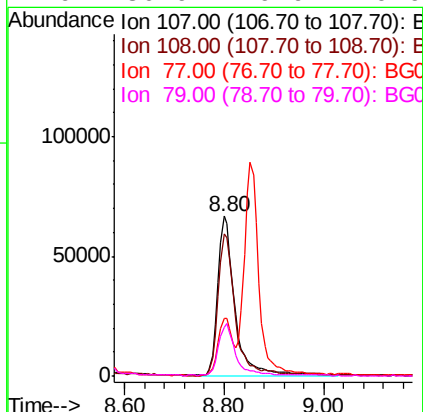
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

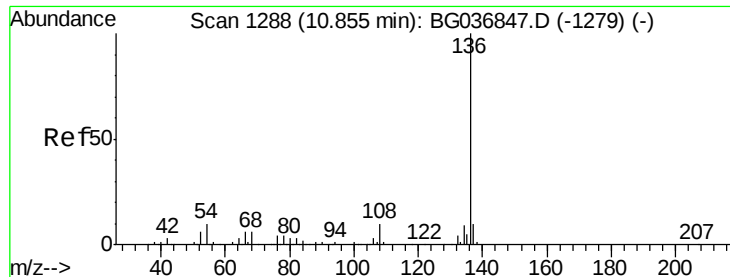
Tgt Ion:	70	Resp:	120050
Ion	Ratio	Lower	Upper
70	100		
42	71.8	56.2	84.4
101	9.7	7.8	11.6
130	18.3	16.2	24.2



#20
3+4-Methylphenols
Concen: 50.702 ng
RT: 8.80 min Scan# 938
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:	107	Resp:	159123
Ion	Ratio	Lower	Upper
107	100		
108	89.0	68.0	108.0
77	36.3	15.6	55.6
79	30.9	9.9	49.9

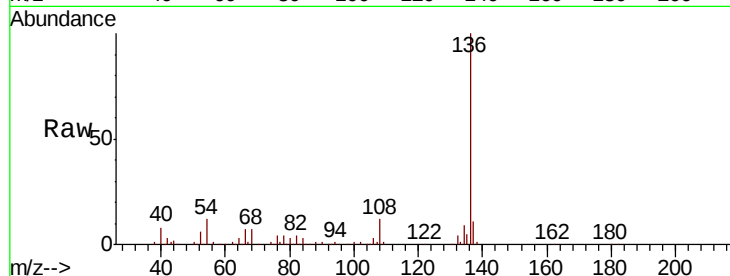




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:	136	Resp:	166350
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	12.3	9.2	13.8
68	6.6	5.8	8.6



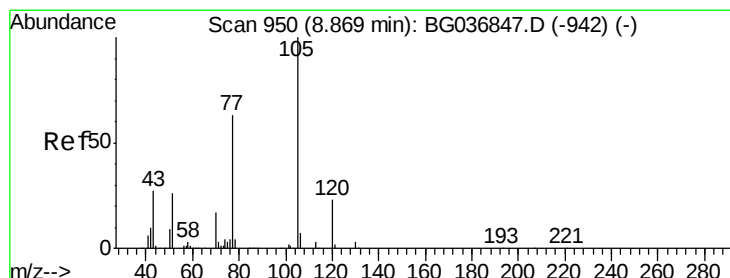
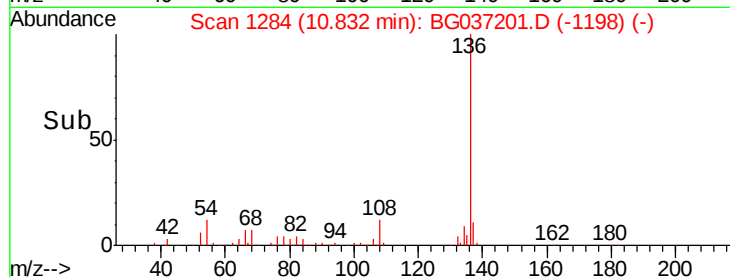
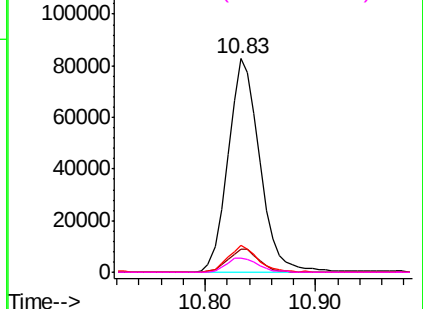
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

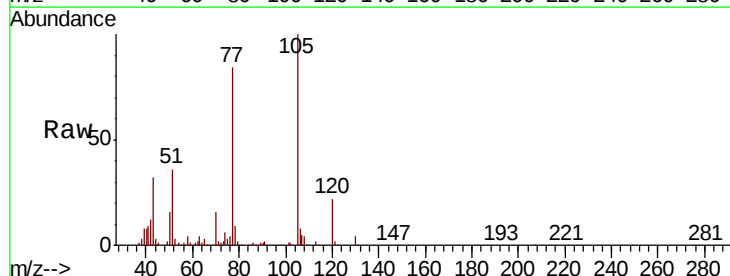
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 53.856 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:	105	Resp:	210532
Ion	Ratio	Lower	Upper
105	100		
71	2.4	2.4	3.6
51	35.9	25.9	38.9
120	22.4	19.4	29.0



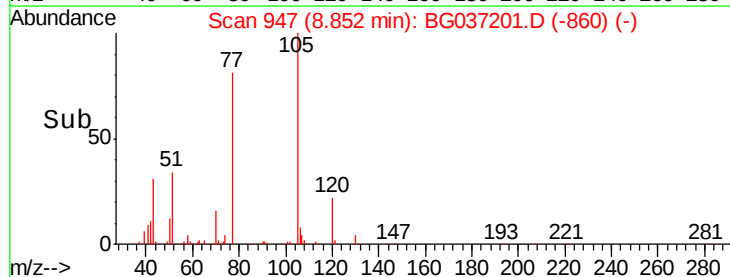
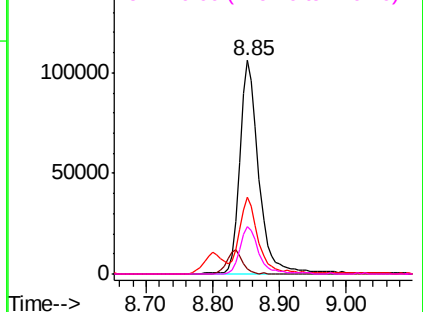
Abundance

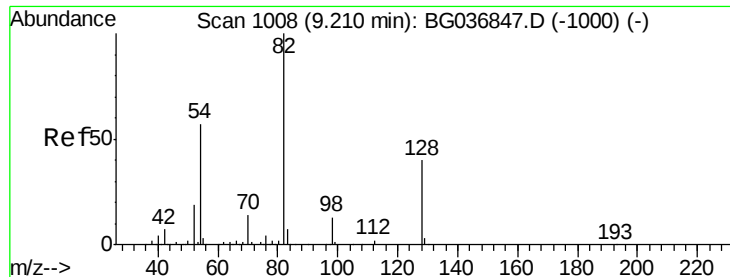
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

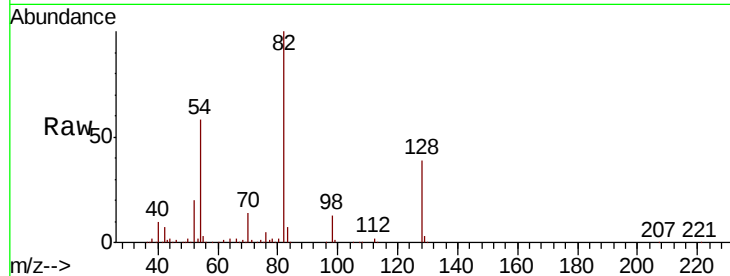




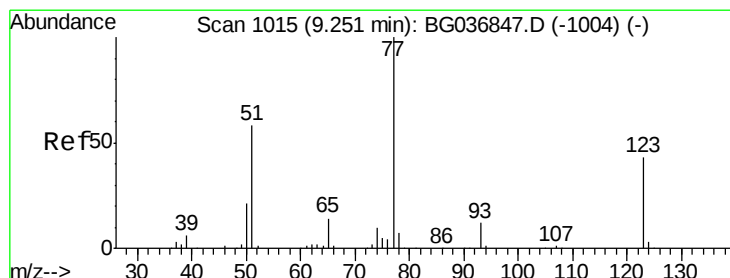
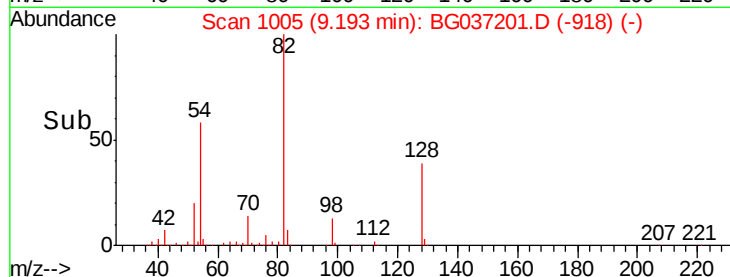
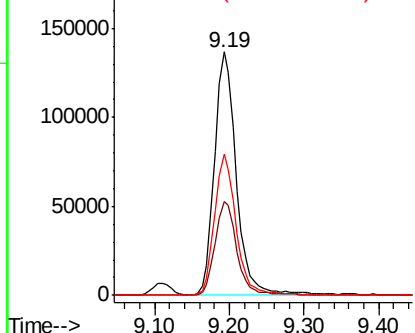
#23
 Nitrobenzene-d5
 Concen: 89.654 ng
 RT: 9.19 min Scan# 1005
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion: 82 Resp: 278499
 Ion Ratio Lower Upper
 82 100
 128 38.6 33.3 49.9
 54 57.9 45.1 67.7

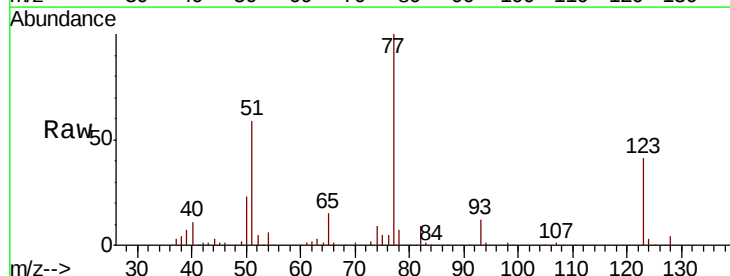


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

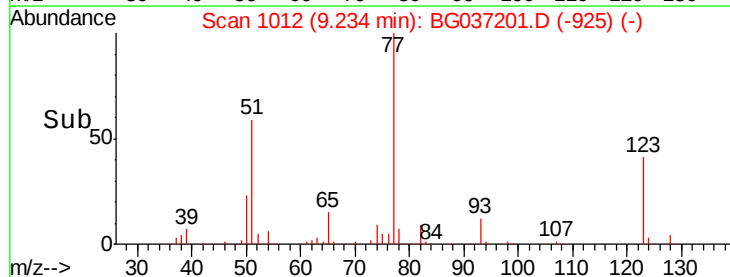
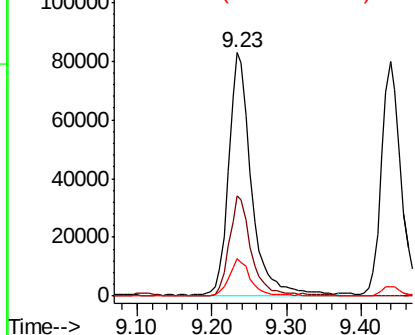


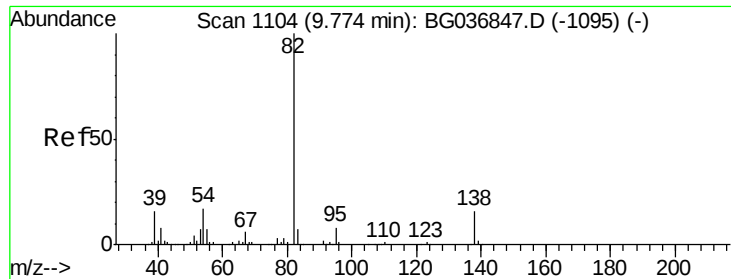
#24
 Nitrobenzene
 Concen: 52.657 ng
 RT: 9.23 min Scan# 1012
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion: 77 Resp: 174680
 Ion Ratio Lower Upper
 77 100
 123 41.2 32.4 48.6
 65 15.4 11.5 17.3



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

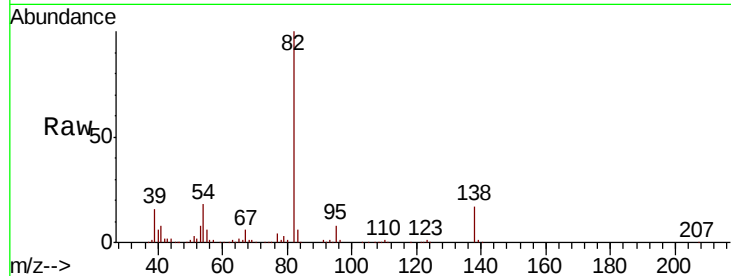




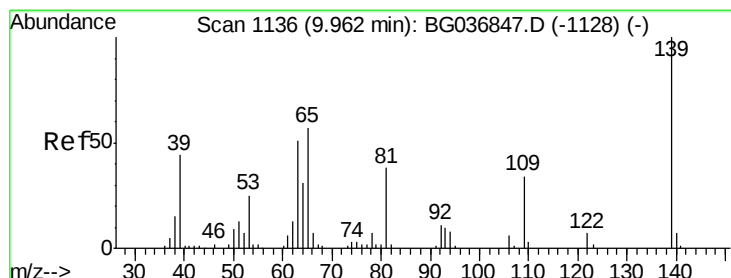
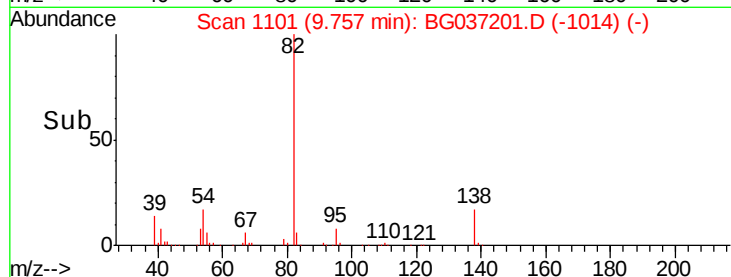
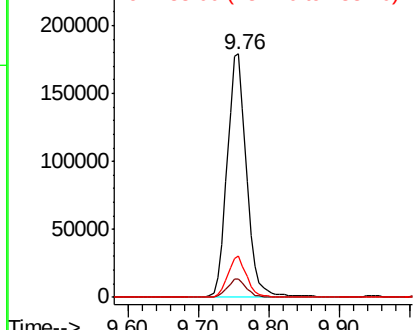
#25
Isophorone
Concen: 60.381 ng
RT: 9.76 min Scan# 1101
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion: 82 Resp: 342726
Ion Ratio Lower Upper
82 100
95 7.6 5.8 8.8
138 17.1 12.9 19.3

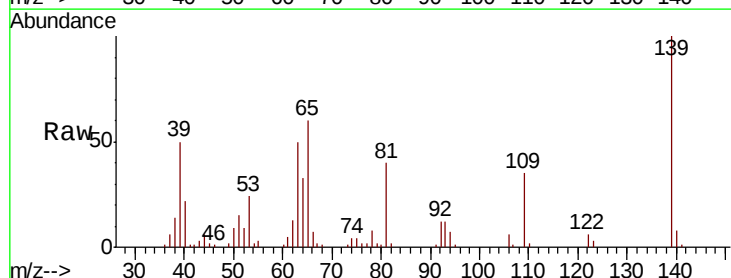


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

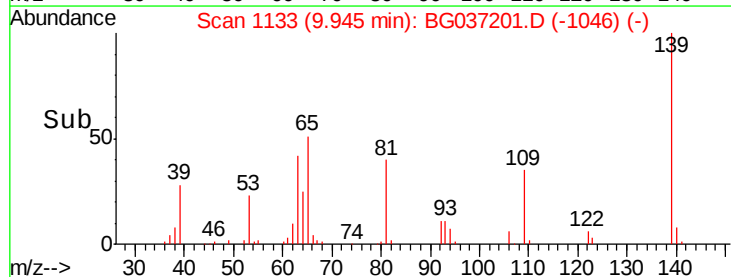
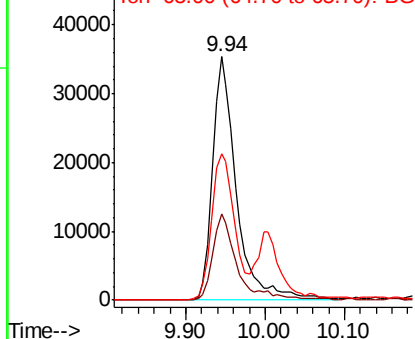


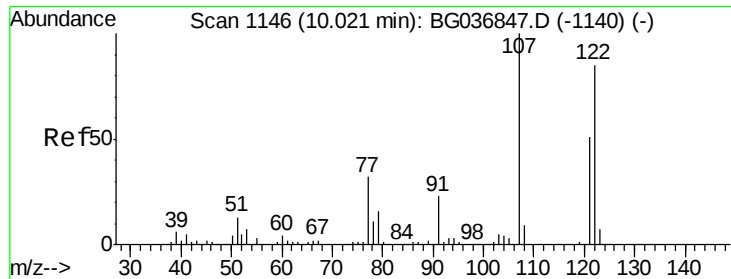
#26
2-Nitrophenol
Concen: 55.745 ng
RT: 9.94 min Scan# 1133
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion: 139 Resp: 73710
Ion Ratio Lower Upper
139 100
109 35.4 27.4 41.0
65 60.2 47.8 71.6



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

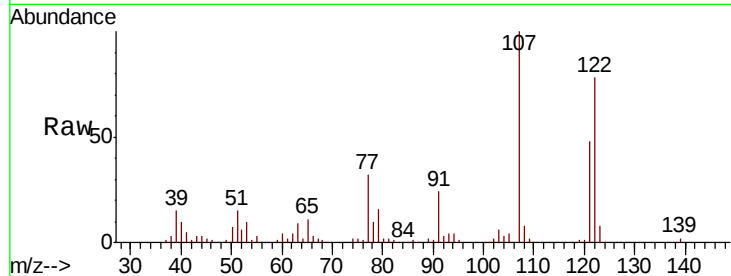




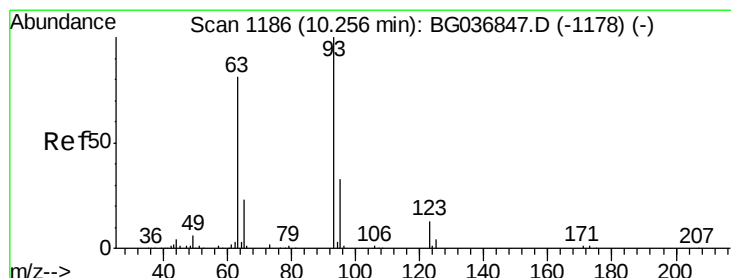
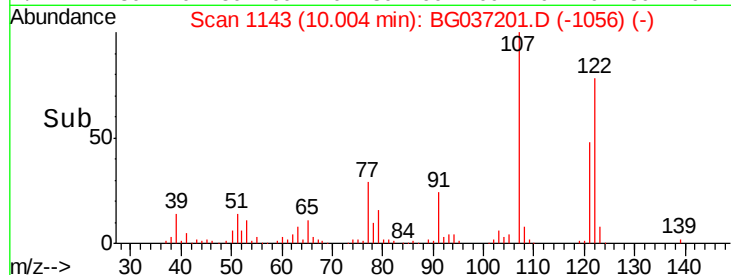
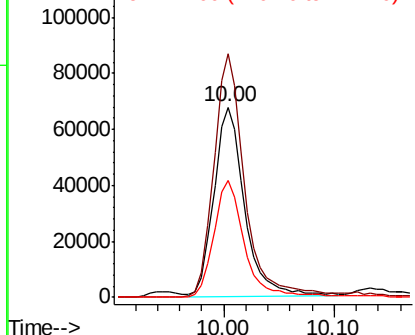
#27
 2,4-Dimethylphenol
 Concen: 62.921 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion: 122 Resp: 129598
 Ion Ratio Lower Upper
 122 100
 107 127.9 96.0 144.0
 121 61.6 48.2 72.4

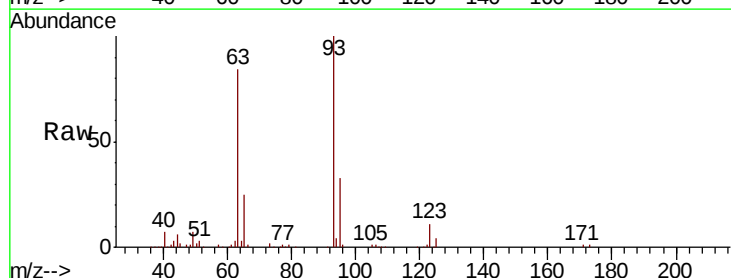


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

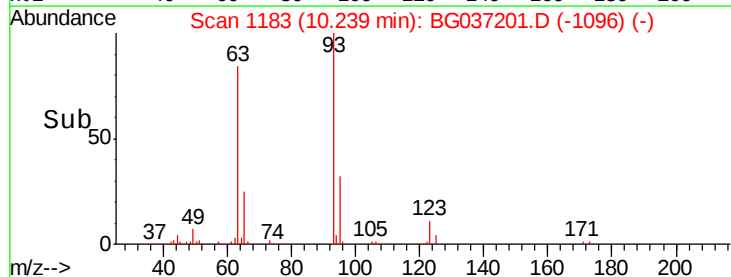
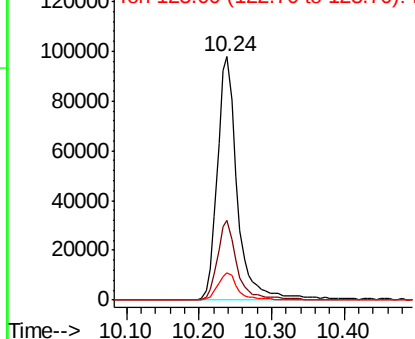


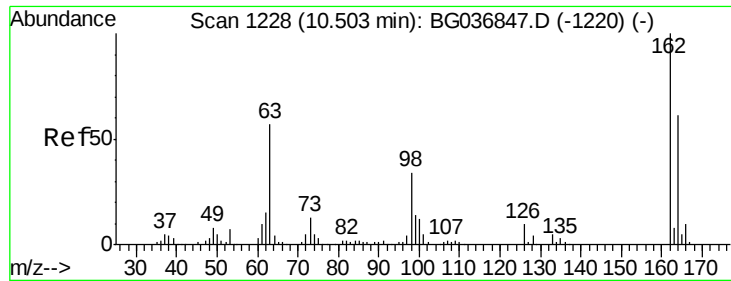
#28
 bis(2-Chloroethoxy)methane
 Concen: 53.677 ng
 RT: 10.24 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion: 93 Resp: 187997
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.2 37.8
 123 11.2 8.6 12.8



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

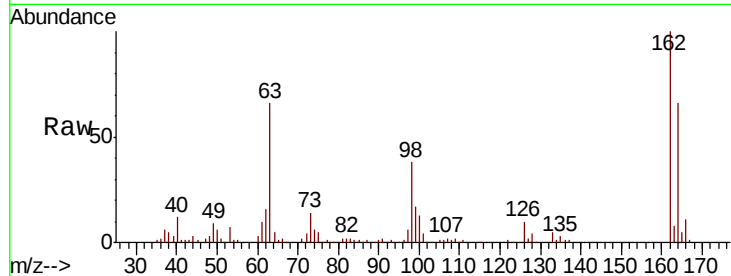




#29
 2,4-Dichlorophenol
 Concen: 59.276 ng
 RT: 10.49 min Scan# 1225
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.8	47.6	87.6
98	38.5	19.2	59.2

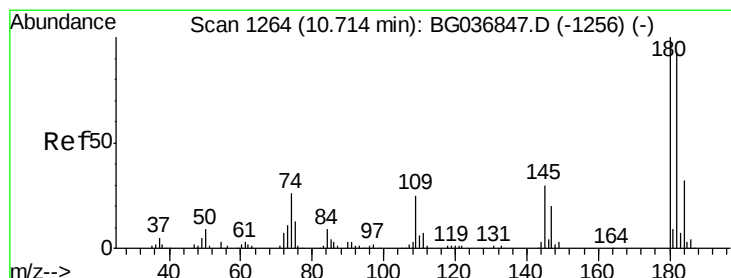
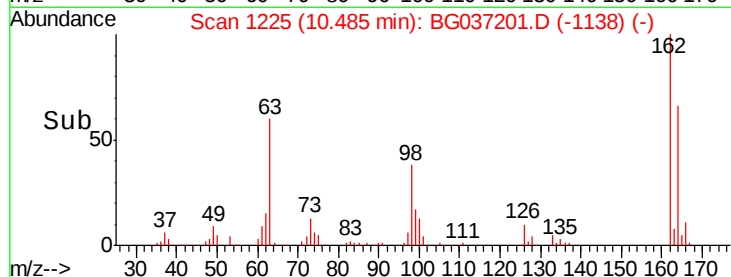
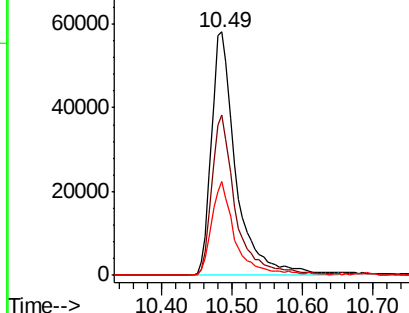


Abundance

Ion 162.00 (161.70 to 162.70): E

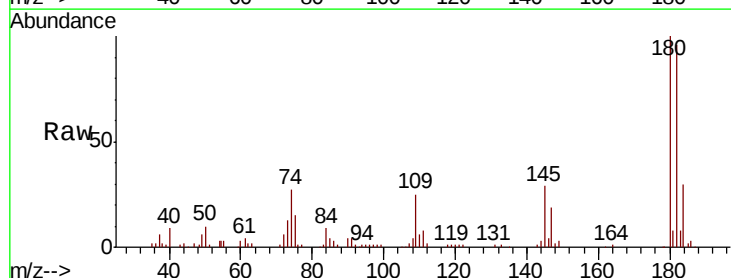
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 46.605 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.0	114.0
145	29.3	22.9	34.3

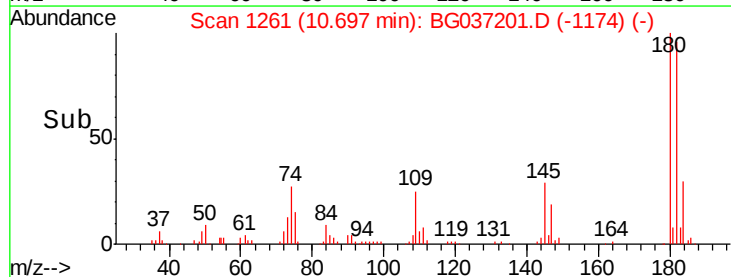
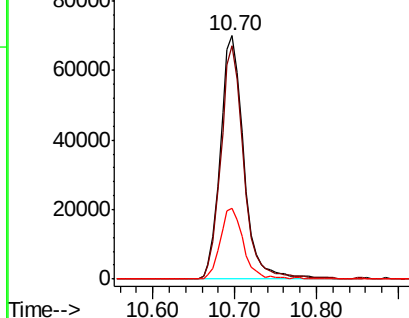


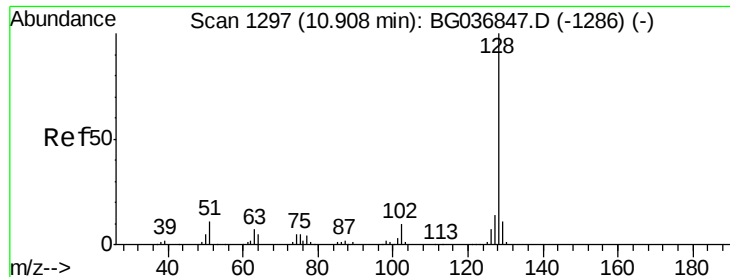
Abundance

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

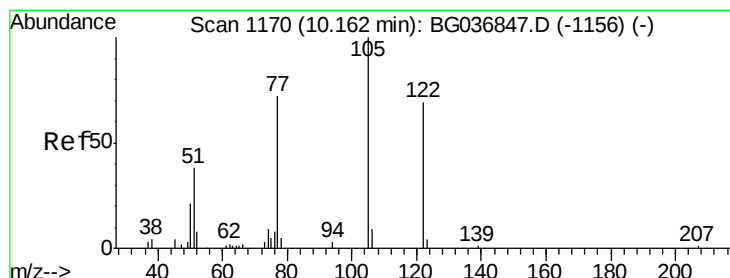
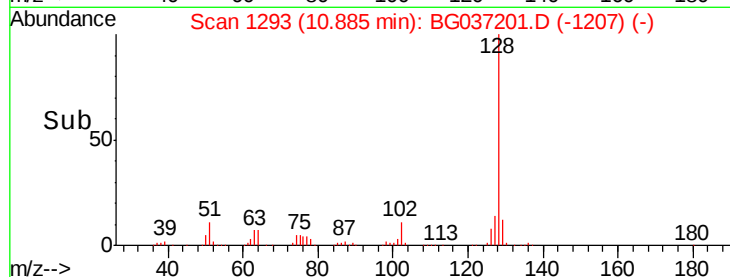
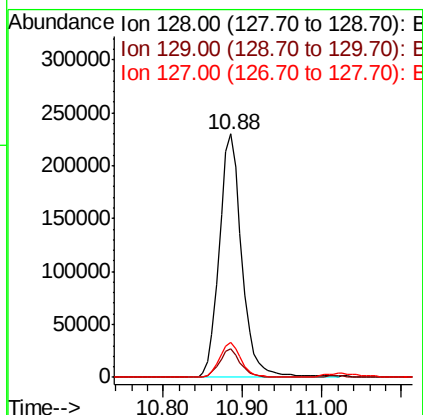
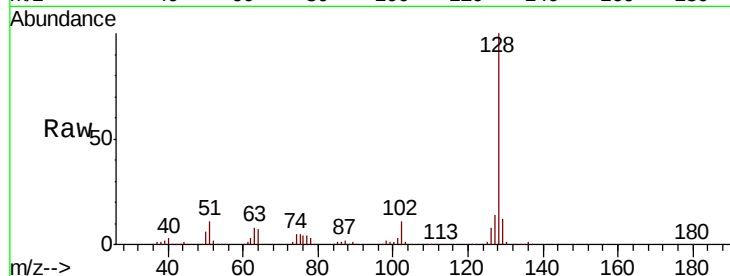




#31
Naphthalene
Concen: 57.071 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

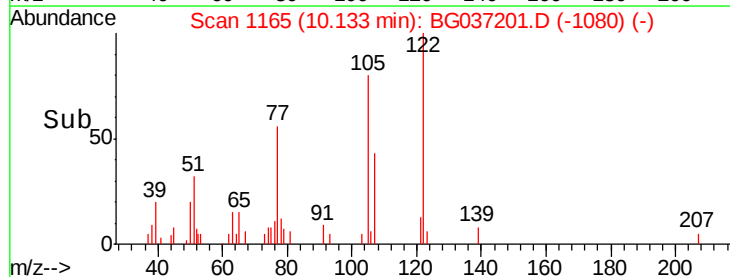
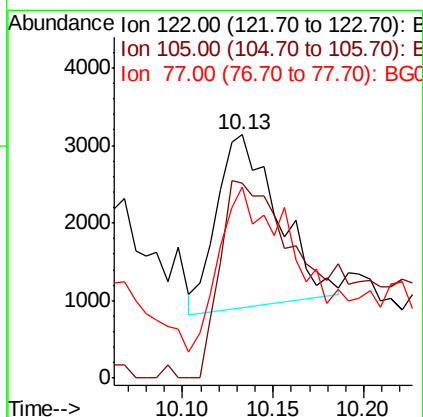
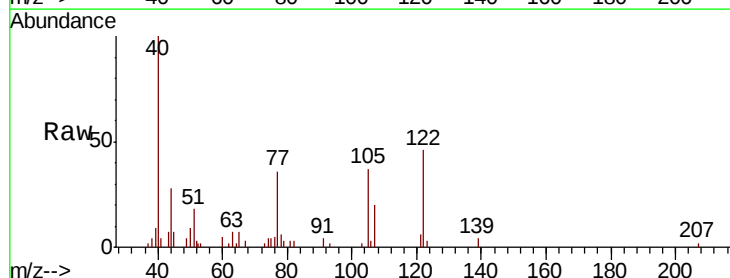
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

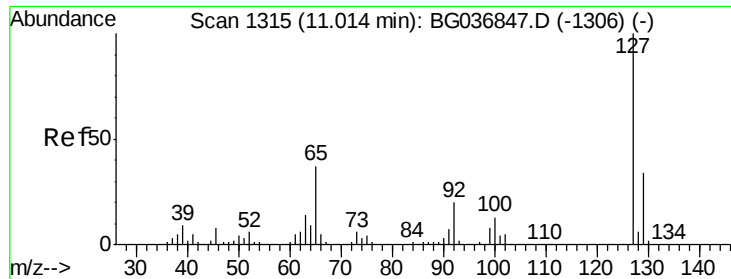
Tgt Ion:128 Resp: 451724
Ion Ratio Lower Upper
128 100
129 11.6 9.4 14.2
127 14.3 11.0 16.4



#32
Benzoic acid
Concen: 8.701 ng
RT: 10.13 min Scan# 1165
Delta R.T. -0.03 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:122 Resp: 5176
Ion Ratio Lower Upper
122 100
105 80.1 108.1 148.1#
77 78.4 76.3 116.3

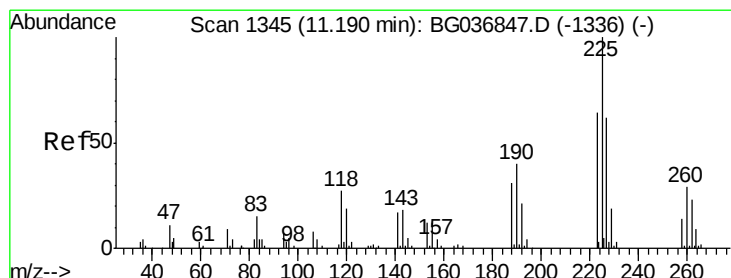
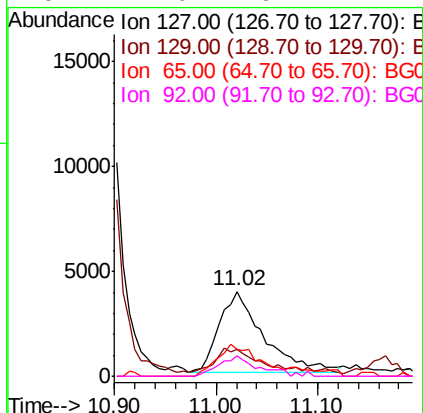
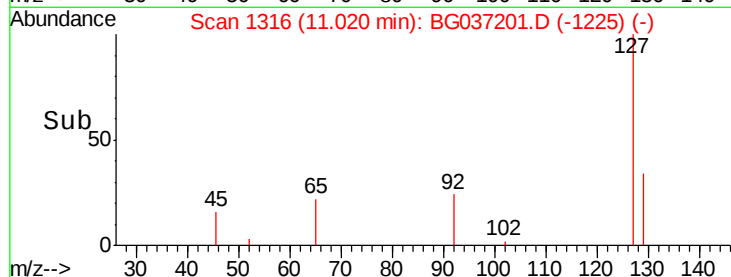
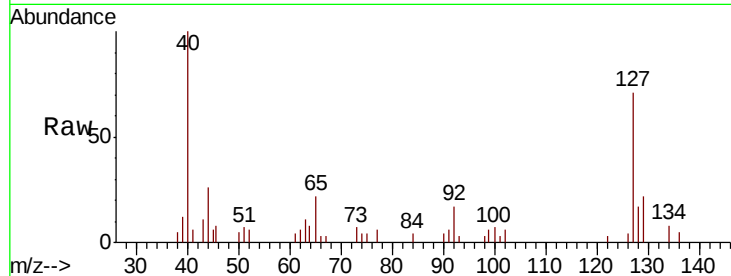




#33
4-Chloroaniline
Concen: 3.235 ng
RT: 11.02 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

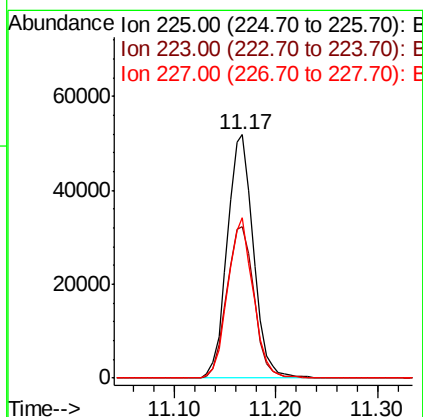
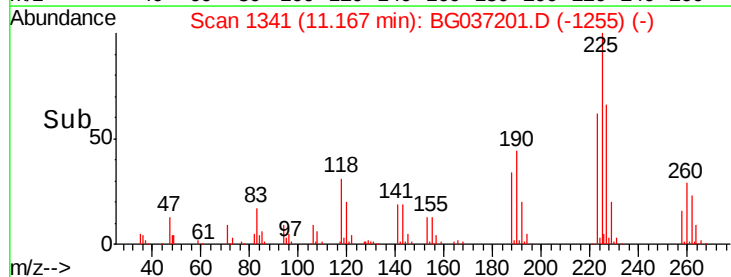
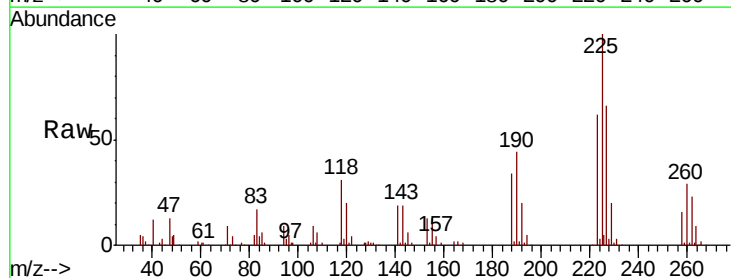
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

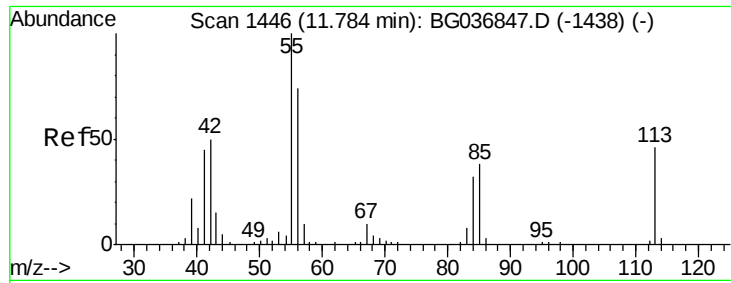
Tgt Ion:127 Resp: 11642
Ion Ratio Lower Upper
127 100
129 31.1 25.9 38.9
65 30.9 27.5 41.3
92 24.0 16.2 24.2



#34
Hexachlorobutadiene
Concen: 44.925 ng
RT: 11.17 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:225 Resp: 92832
Ion Ratio Lower Upper
225 100
223 62.2 51.8 77.8
227 66.0 49.8 74.6

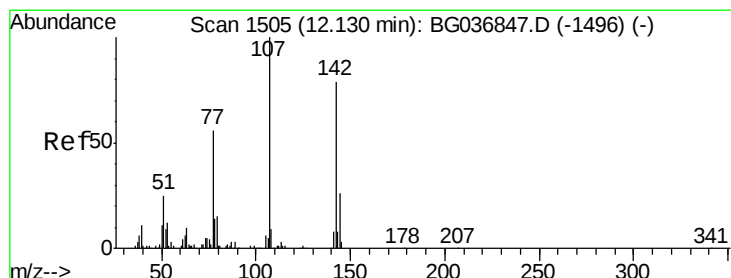
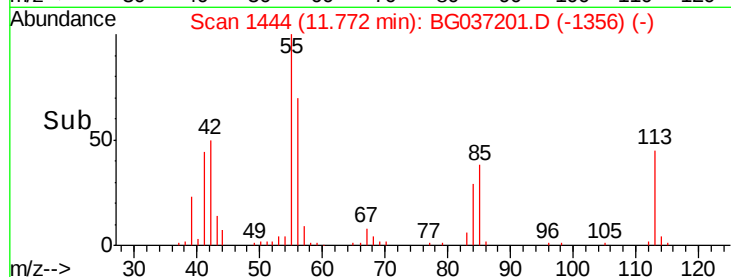
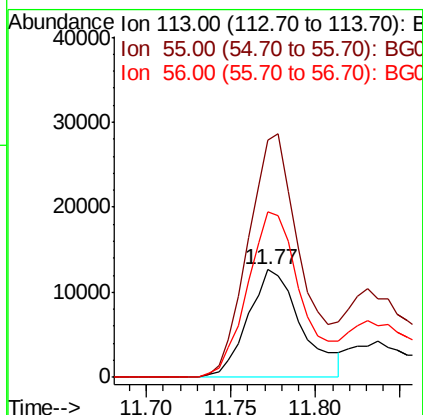
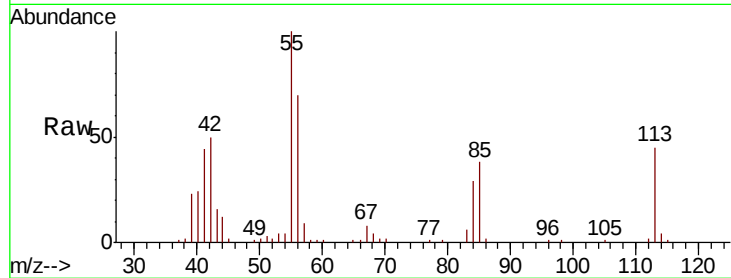




#35
 Caprolactam
 Concen: 28.363 ng
 RT: 11.77 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

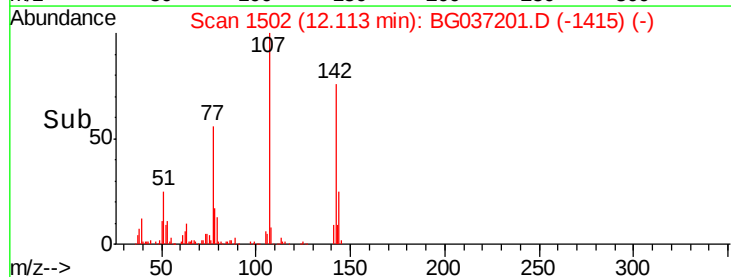
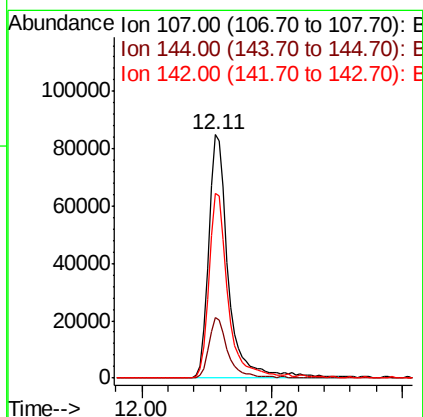
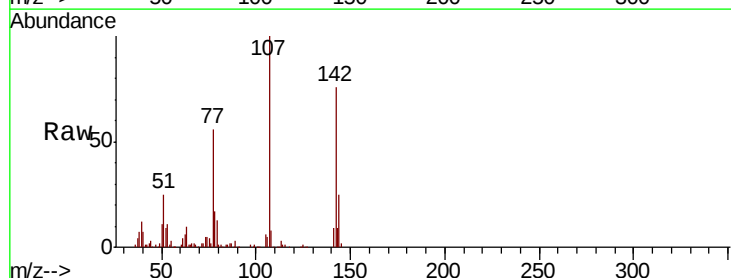
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

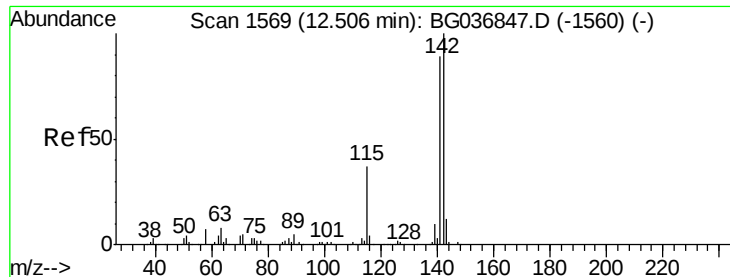
Tgt Ion:113 Resp: 27873
 Ion Ratio Lower Upper
 113 100
 55 221.0 197.7 237.7
 56 154.6 131.7 171.7



#36
 4-Chloro-3-methylphenol
 Concen: 62.492 ng
 RT: 12.11 min Scan# 1502
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:107 Resp: 178038
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.5 29.3
 142 75.8 62.4 93.6

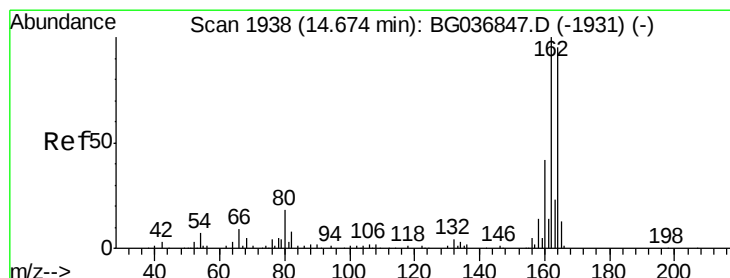
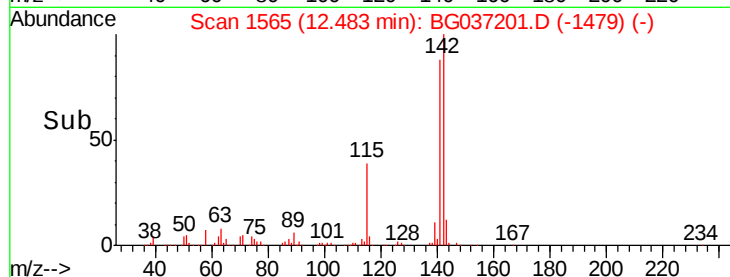
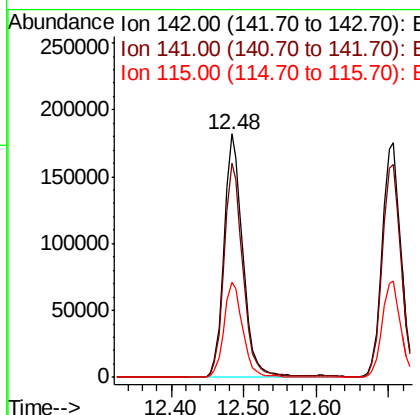
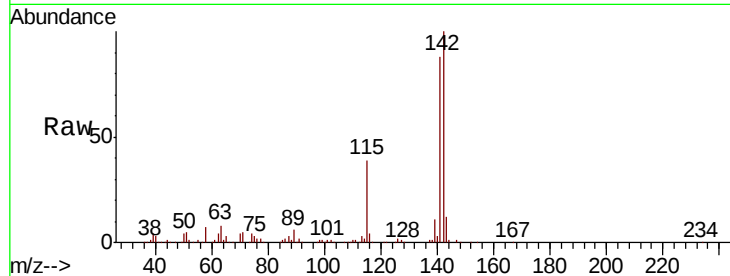




#37
 2-Methylnaphthalene
 Concen: 54.757 ng
 RT: 12.48 min Scan# 1565
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

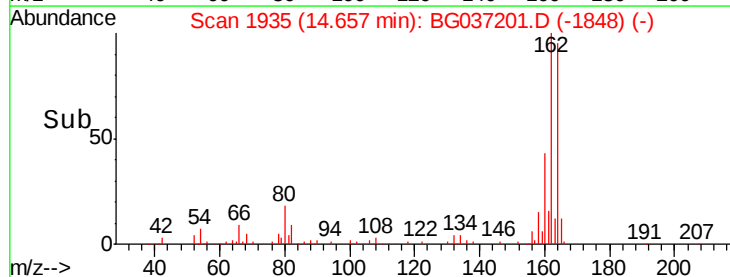
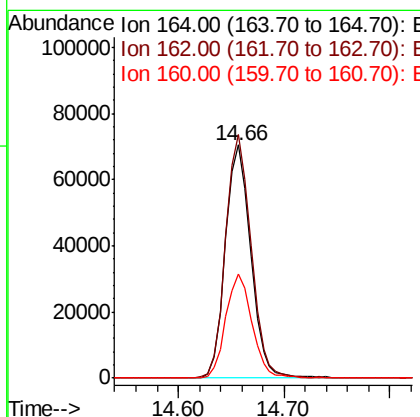
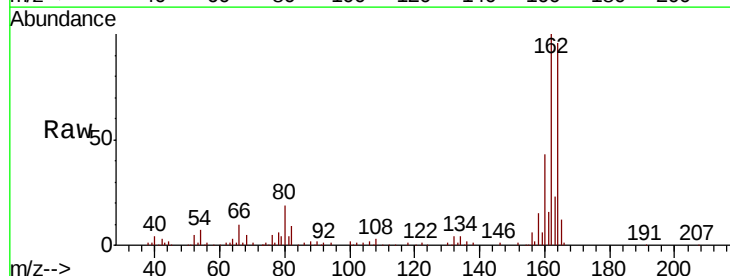
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

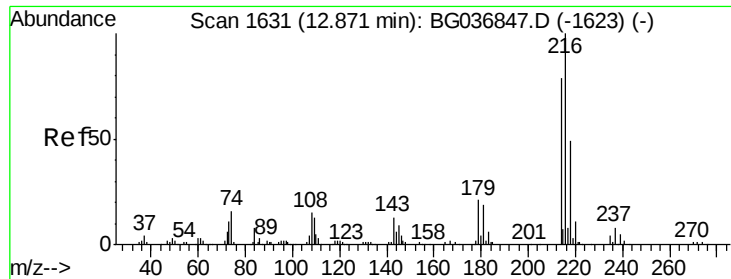
Tgt Ion:142 Resp: 330090
 Ion Ratio Lower Upper
 142 100
 141 88.0 68.5 102.7
 115 38.9 29.8 44.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1935
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:164 Resp: 117592
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.7 121.1
 160 44.7 35.3 52.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.655 ng

RT: 12.85 min Scan# 1628

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

Tgt Ion:216 Resp: 183147

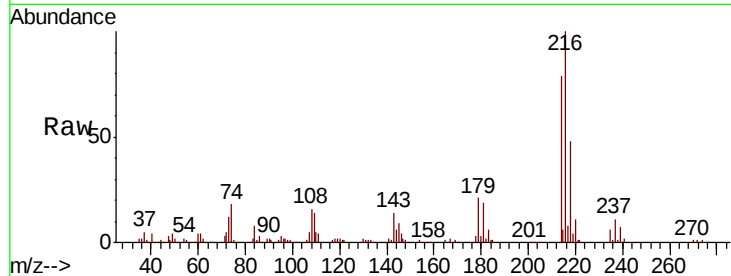
Ion Ratio Lower Upper

216 100

214 78.3 61.0 91.6

179 20.0 15.7 23.5

108 18.5 13.1 19.7

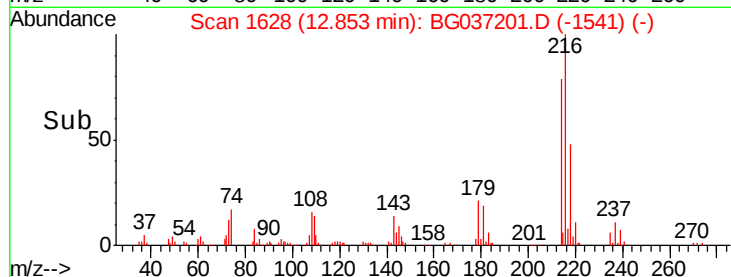


Abundance Ion 216.00 (215.70 to 216.70): E

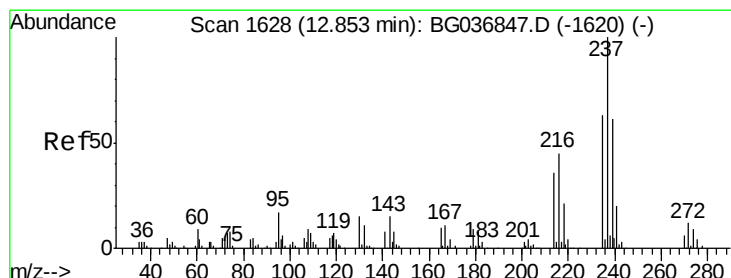
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 89.179 ng

RT: 12.83 min Scan# 1624

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

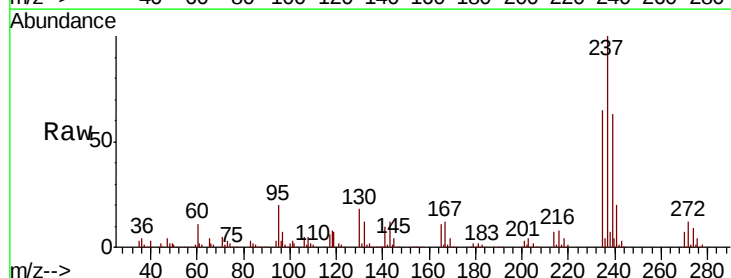
Tgt Ion:237 Resp: 188112

Ion Ratio Lower Upper

237 100

235 65.4 42.2 82.2

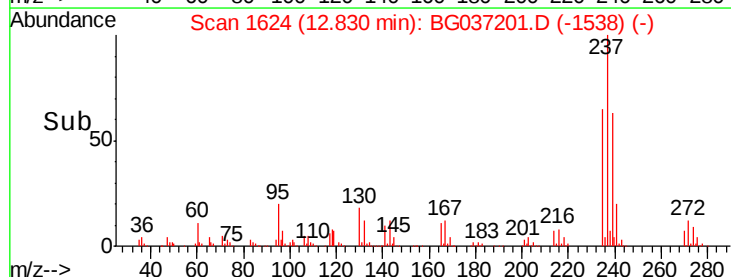
272 12.2 0.0 32.1



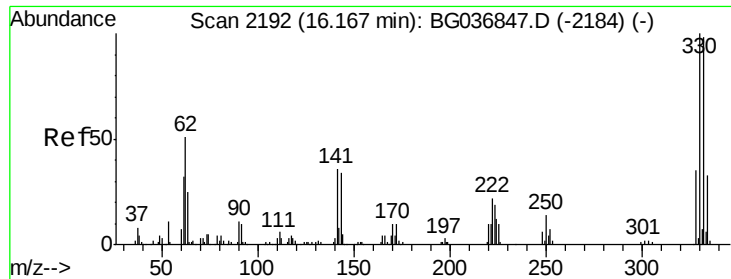
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



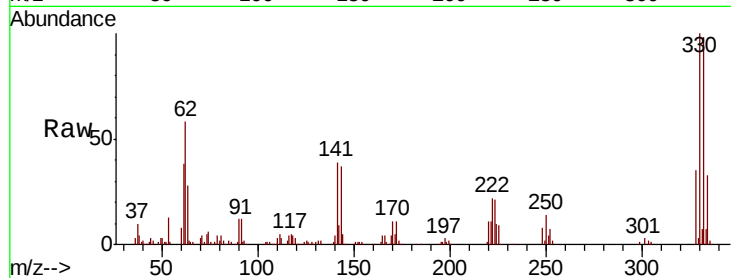
Time-->



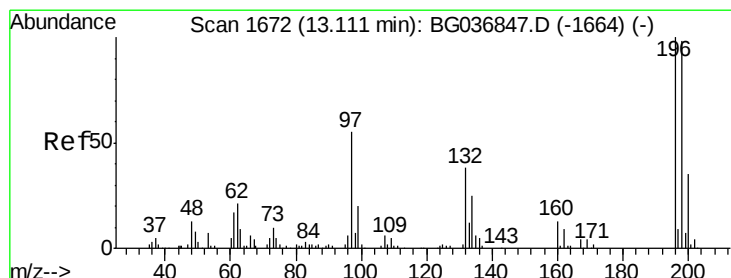
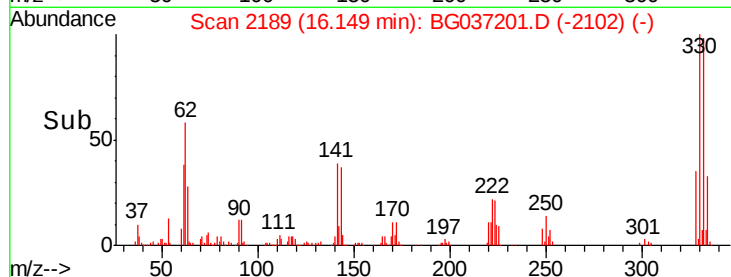
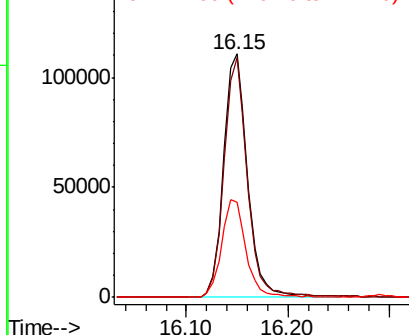
#41
 2,4,6-Tribromophenol
 Concen: 129.083 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion:330 Resp: 181609
 Ion Ratio Lower Upper
 330 100
 332 96.3 75.4 113.2
 141 41.2 30.7 46.1

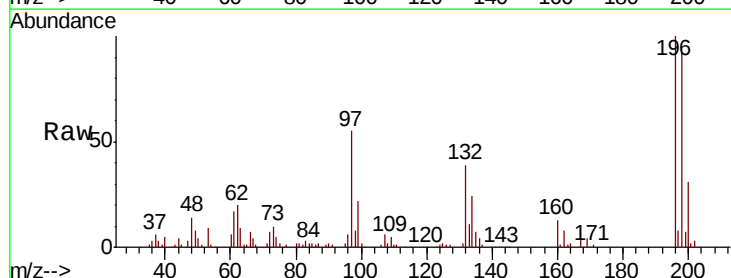


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

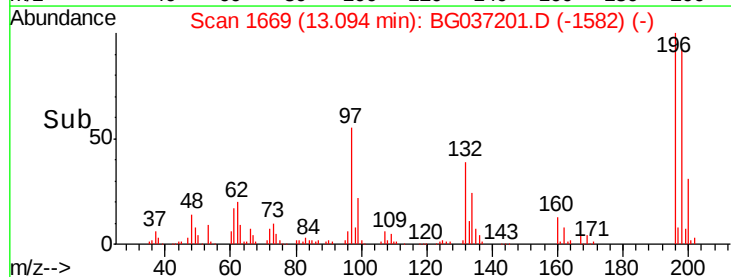
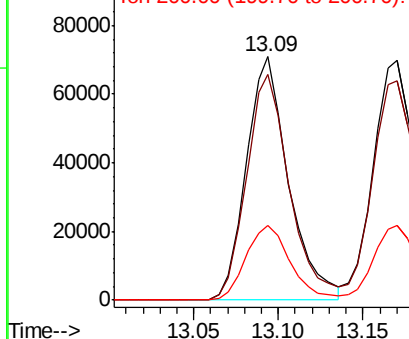


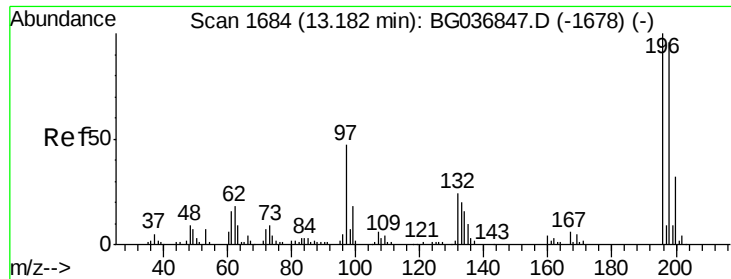
#42
 2,4,6-Trichlorophenol
 Concen: 54.046 ng
 RT: 13.09 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:196 Resp: 123092
 Ion Ratio Lower Upper
 196 100
 198 92.5 77.2 115.8
 200 30.8 26.3 39.5



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

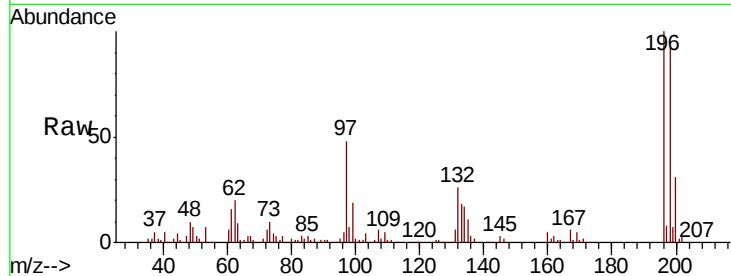




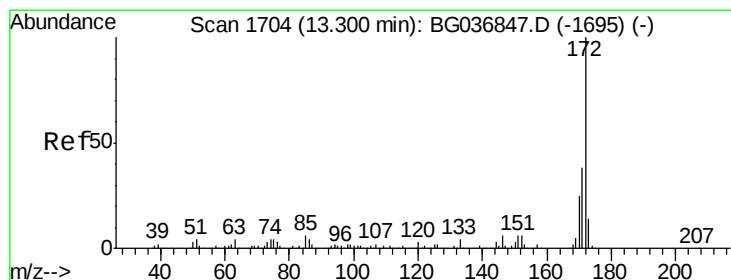
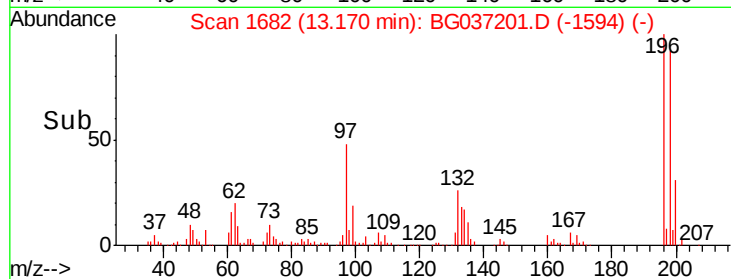
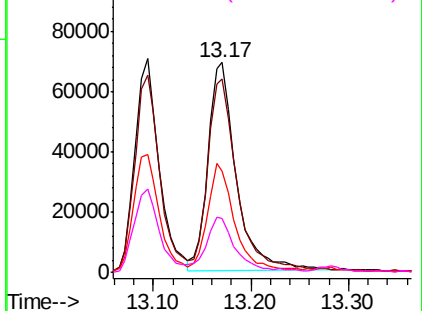
#43
 2,4,5-Trichlorophenol
 Concen: 57.399 ng
 RT: 13.17 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion:	196	Resp:	139397
Ion	Ratio	Lower	Upper
196	100		
198	91.9	75.6	113.4
97	48.0	37.2	55.8
132	25.7	19.4	29.2

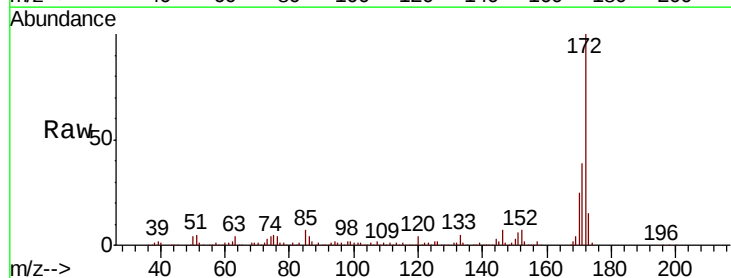


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

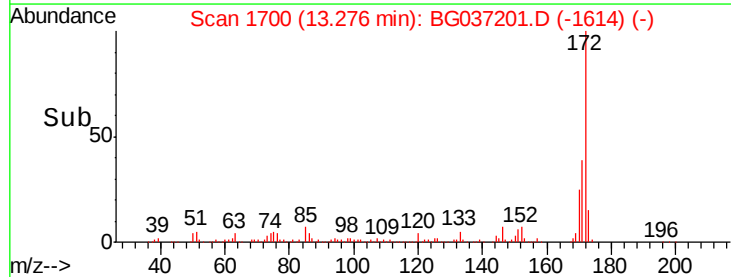
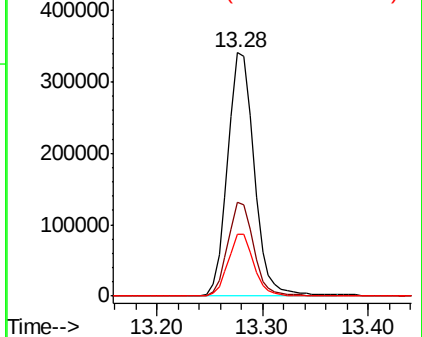


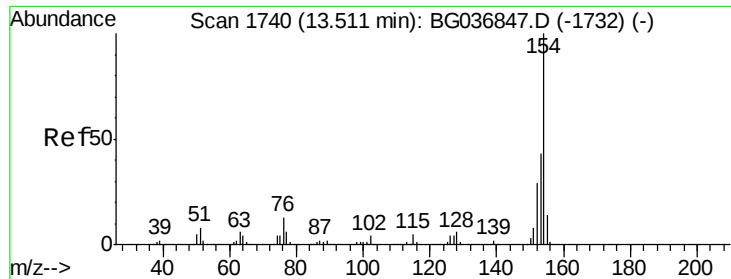
#44
 2-Fluorobiphenyl
 Concen: 75.193 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:	172	Resp:	593676
Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.3	46.9
170	25.2	21.0	31.6



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

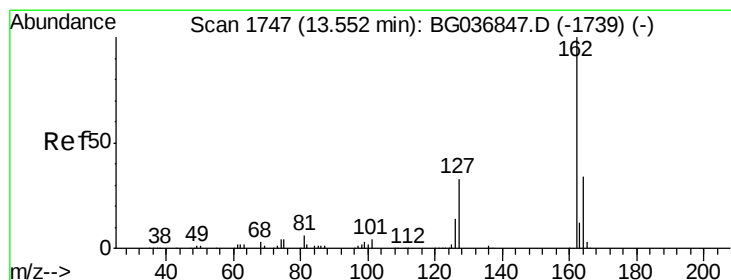
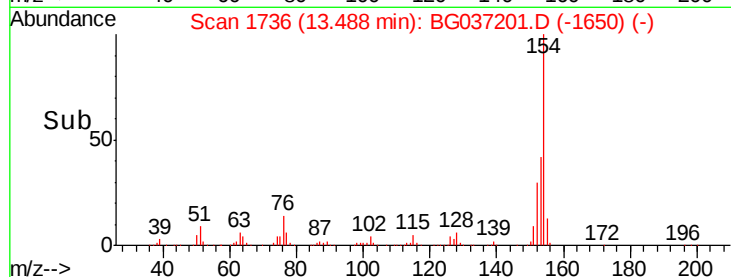
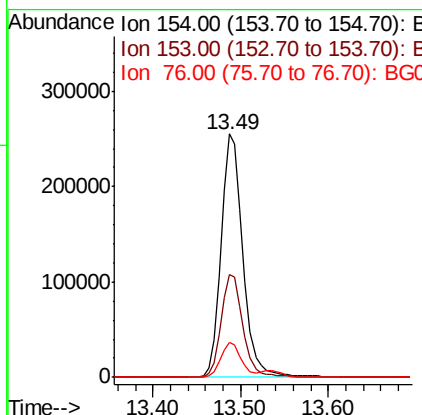
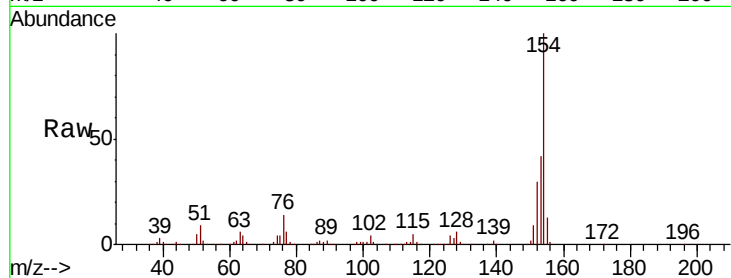




#45
 1,1'-Biphenyl
 Concen: 48.798 ng
 RT: 13.49 min Scan# 1736
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

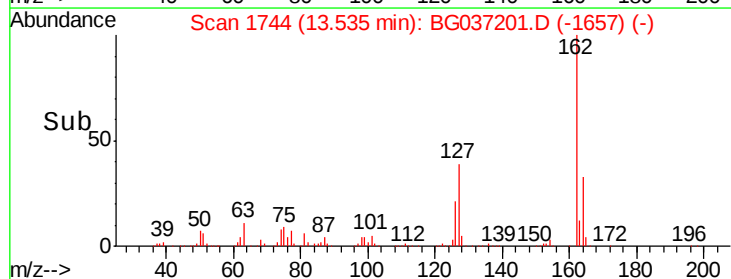
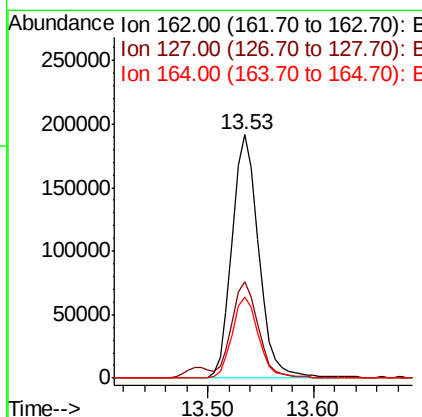
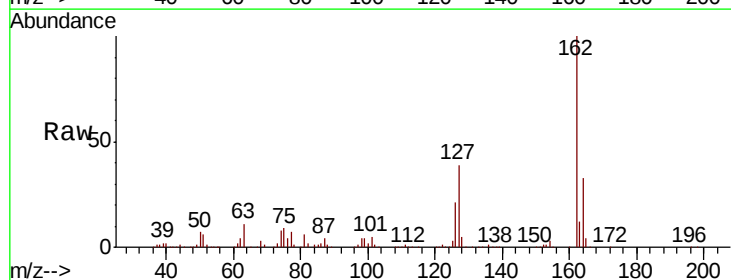
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

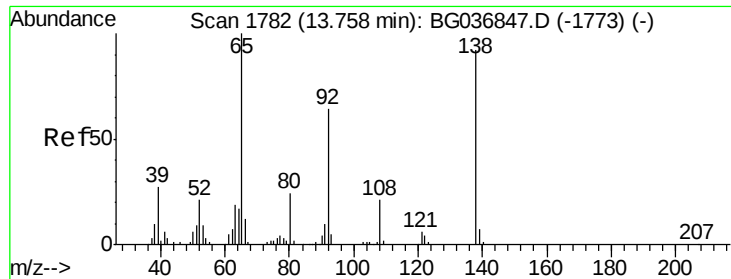
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	24.0	64.0
76	14.1	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 47.294 ng
 RT: 13.53 min Scan# 1744
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.4	30.7	46.1
164	33.1	26.7	40.1

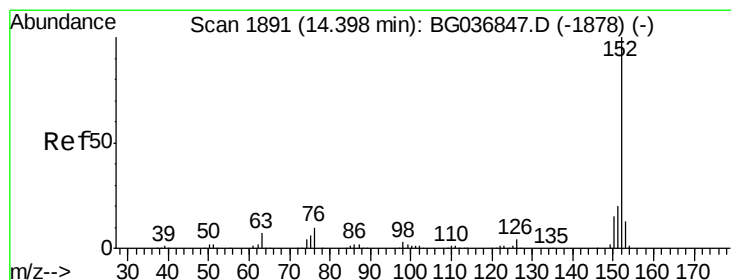
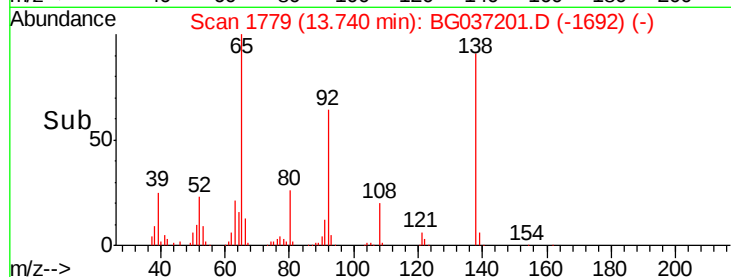
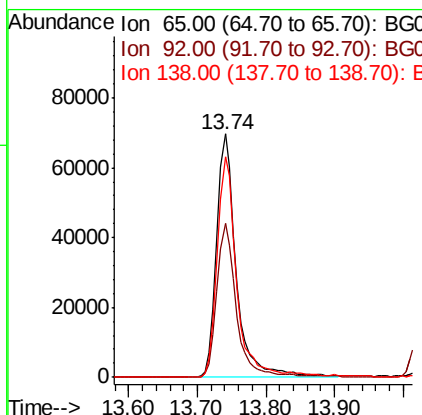
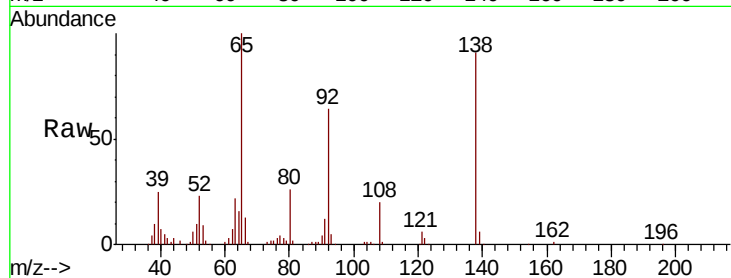




#47
2-Nitroaniline
Concen: 56.416 ng
RT: 13.74 min Scan# 1779
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

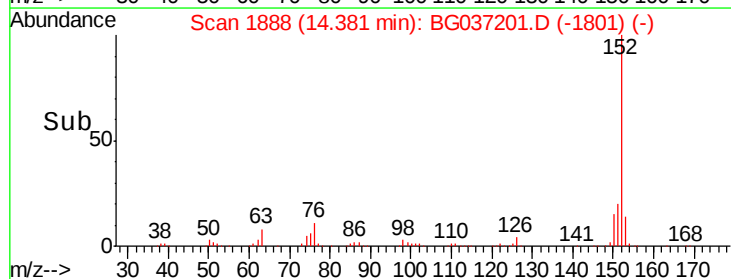
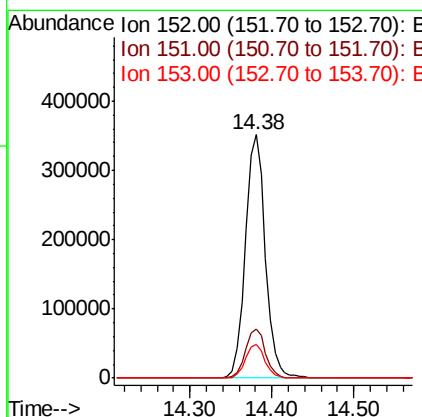
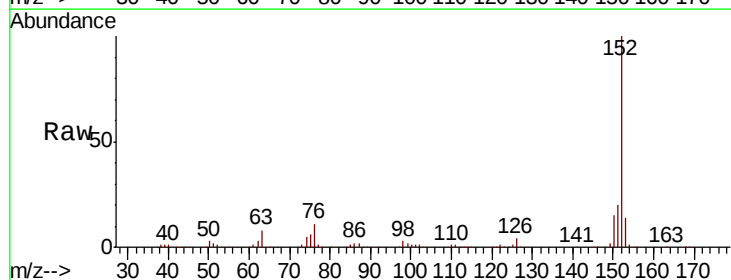
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

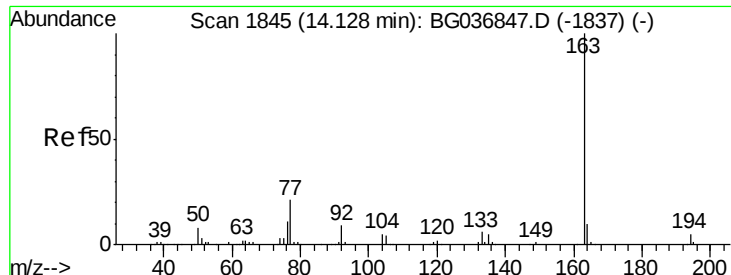
Tgt Ion: 65 Resp: 138200
Ion Ratio Lower Upper
65 100
92 63.5 49.9 74.9
138 90.7 76.2 114.4



#48
Acenaphthylene
Concen: 53.700 ng
RT: 14.38 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion: 152 Resp: 595970
Ion Ratio Lower Upper
152 100
151 20.3 16.9 25.3
153 13.9 11.2 16.8





#49

Dimethylphthalate

Concen: 50.631 ng

RT: 14.11 min Scan# 1842

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

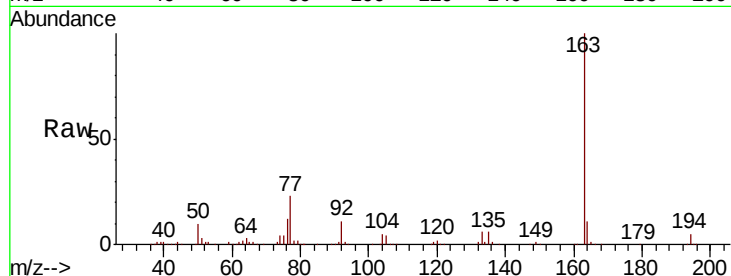
Tgt Ion:163 Resp: 479240

Ion Ratio Lower Upper

163 100

194 4.9 4.0 6.0

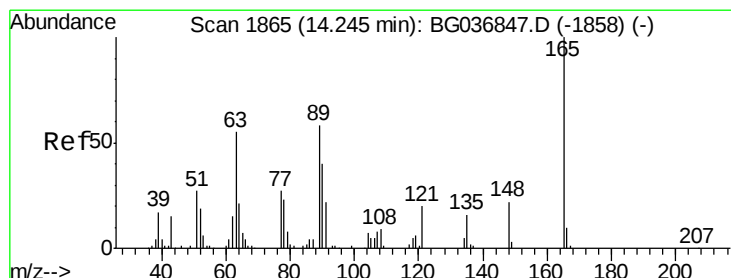
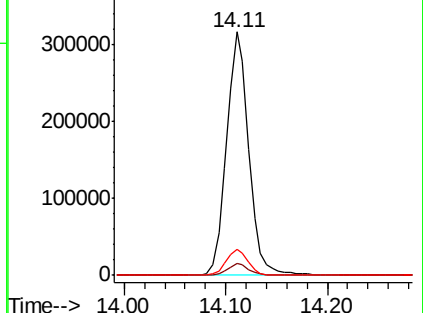
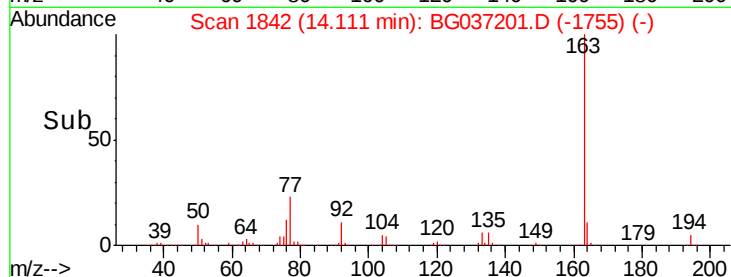
164 10.9 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 52.621 ng

RT: 14.23 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

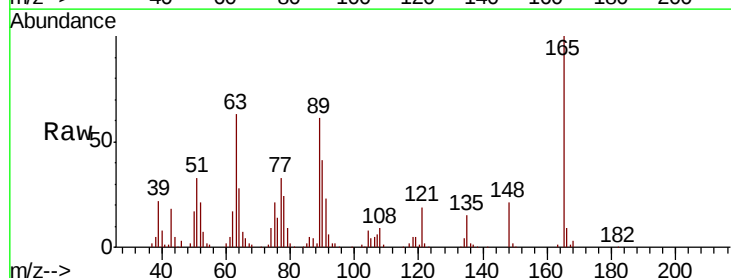
Tgt Ion:165 Resp: 108671

Ion Ratio Lower Upper

165 100

63 63.1 50.1 75.1

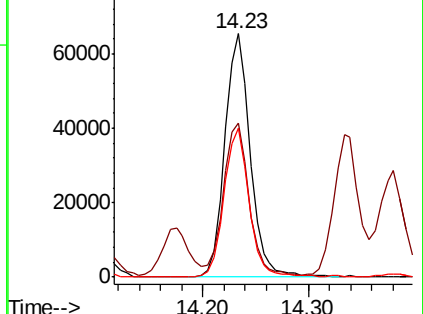
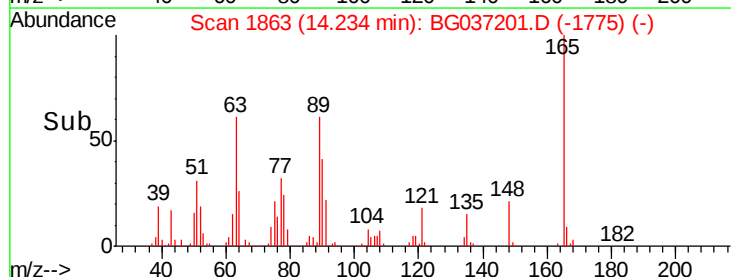
89 61.3 47.8 71.6

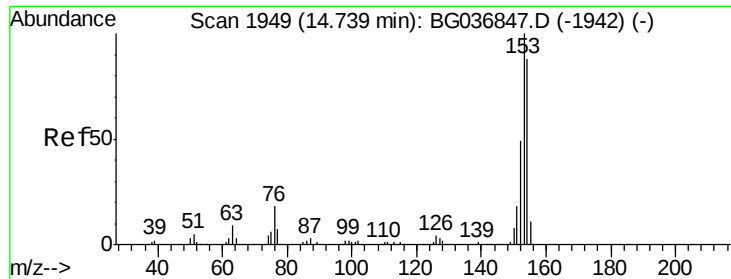


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 50.455 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

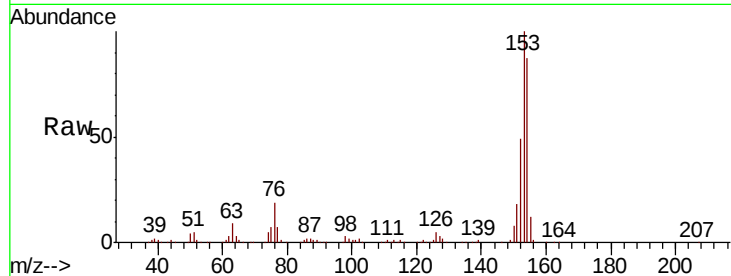
Tgt Ion:154 Resp: 338423

Ion Ratio Lower Upper

154 100

153 114.5 91.8 137.6

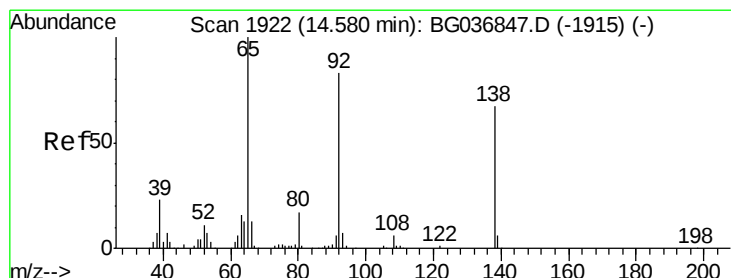
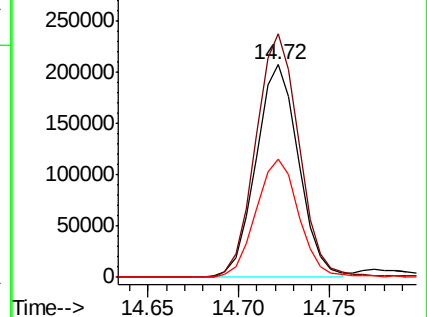
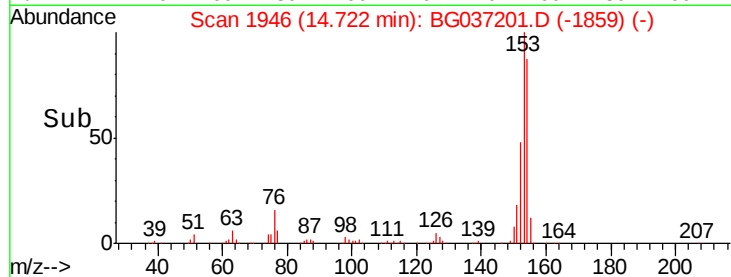
152 55.7 43.5 65.3



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



#52

3-Nitroaniline

Concen: 13.260 ng

RT: 14.57 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

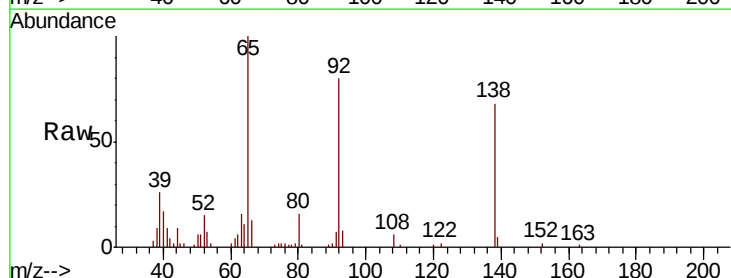
Tgt Ion:138 Resp: 28856

Ion Ratio Lower Upper

138 100

108 8.6 9.4 14.2#

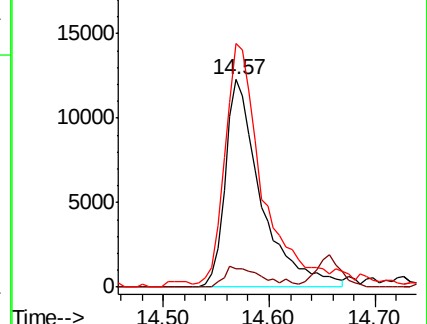
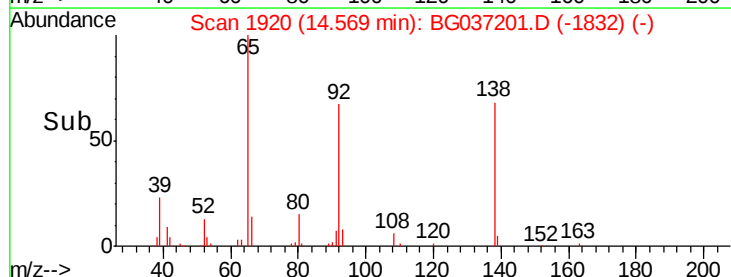
92 117.3 96.8 145.2

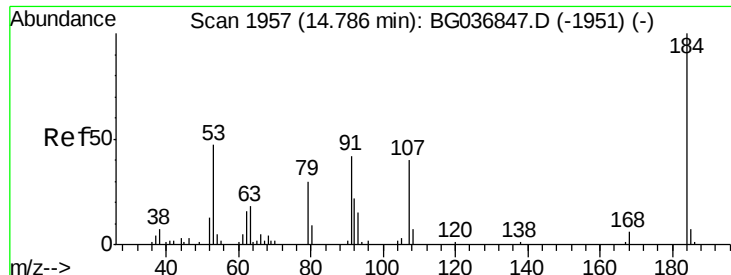


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

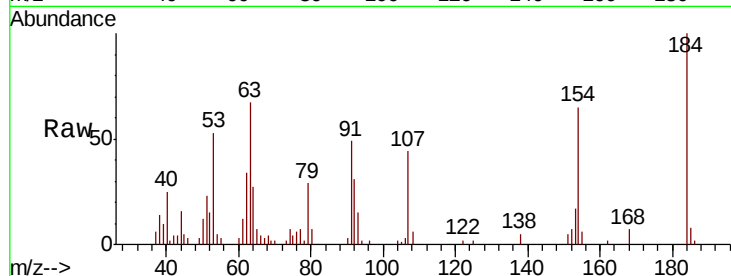




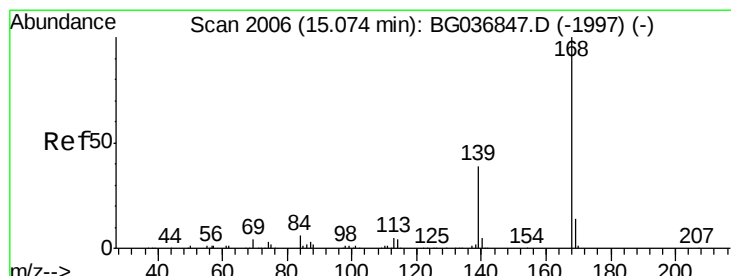
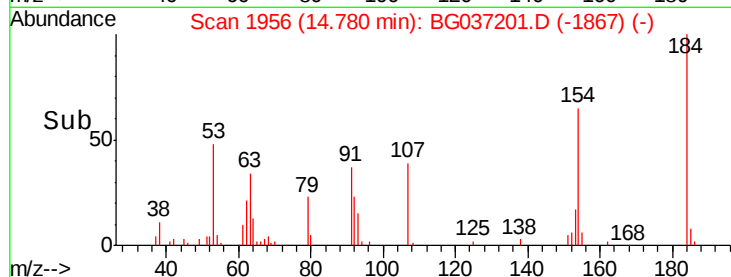
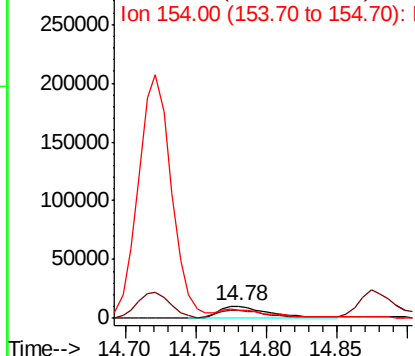
#53
2,4-Dinitrophenol
Concen: 32.411 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:184 Resp: 26499
Ion Ratio Lower Upper
184 100
63 67.1 47.3 70.9
154 65.4 51.1 76.7

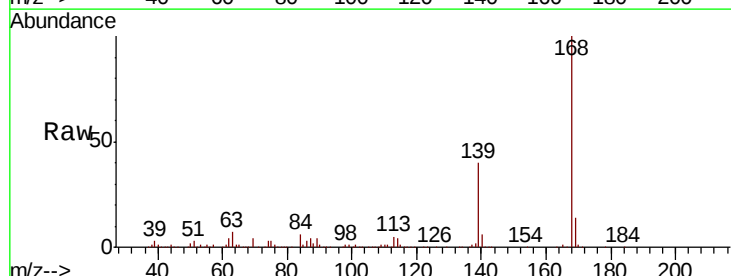


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 154.00 (153.70 to 154.70): E

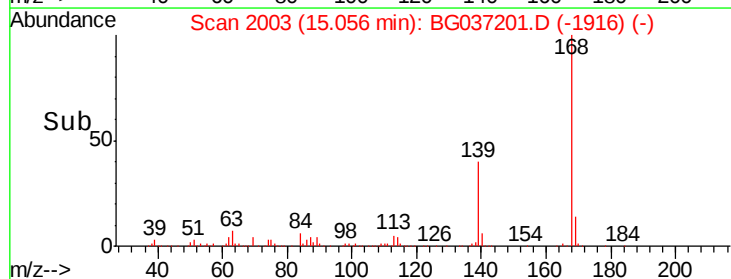
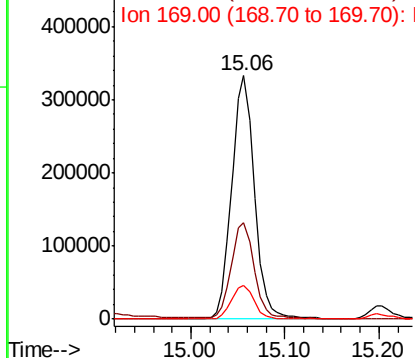


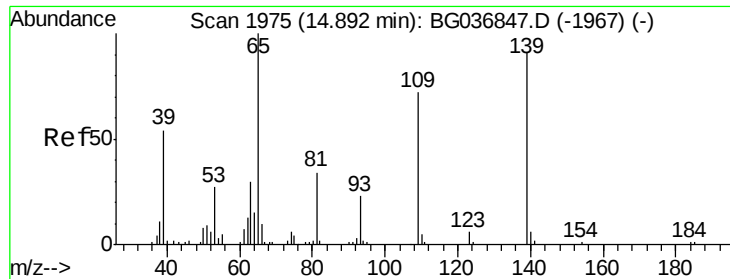
#54
Dibenzofuran
Concen: 49.449 ng
RT: 15.06 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:168 Resp: 561017
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.6
169 13.7 11.1 16.7



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

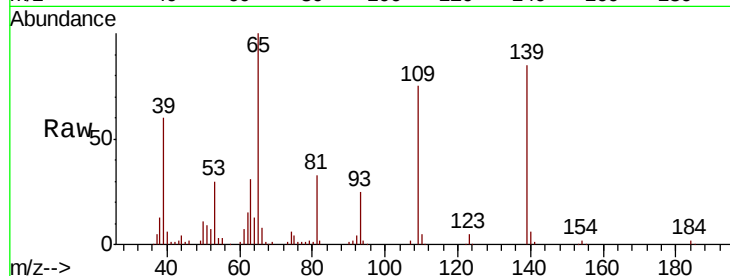




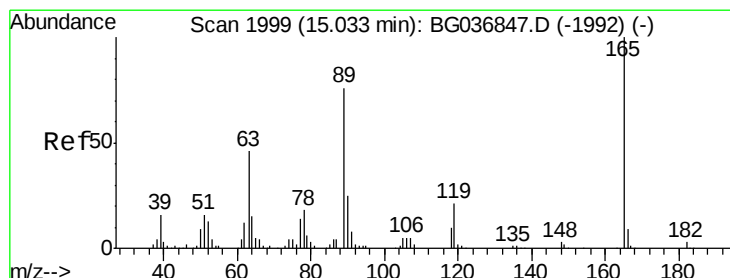
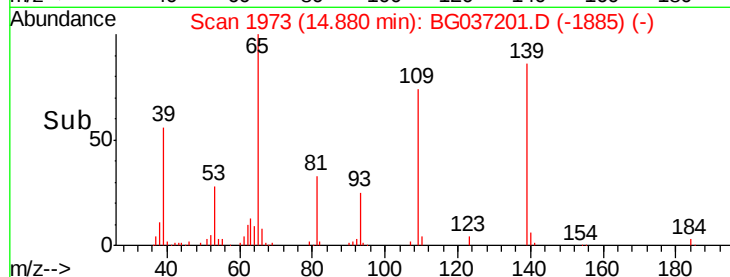
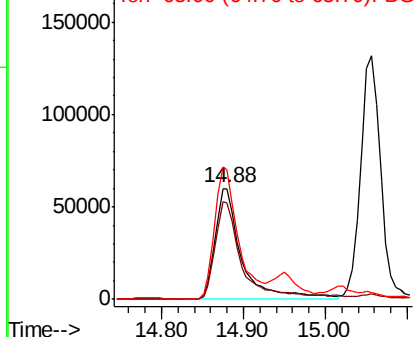
#55
4-Nitrophenol
Concen: 98.320 ng
RT: 14.88 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:139 Resp: 136688
Ion Ratio Lower Upper
139 100
109 87.3 63.9 103.9
65 117.2 90.0 130.0

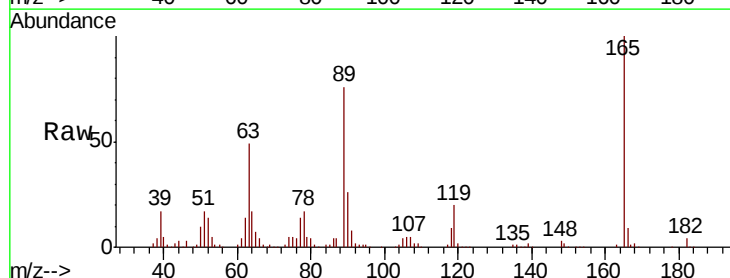


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

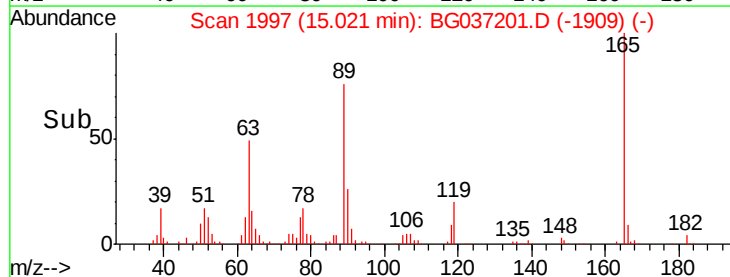
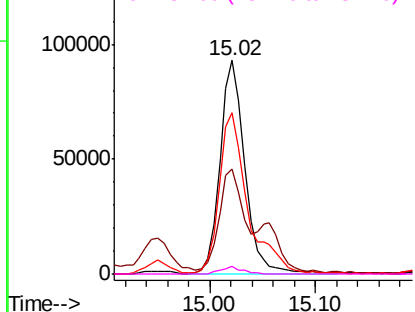


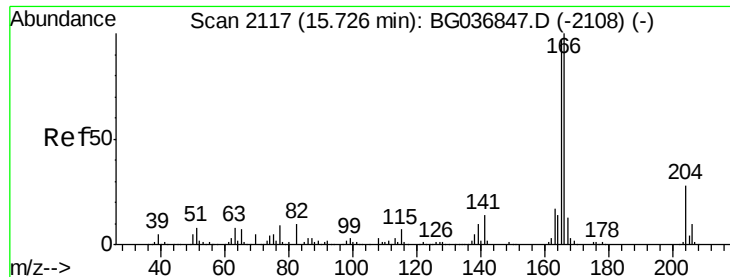
#56
2,4-Dinitrotoluene
Concen: 53.001 ng
RT: 15.02 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:165 Resp: 152734
Ion Ratio Lower Upper
165 100
63 49.1 40.1 60.1
89 75.5 63.7 95.5
182 3.6 2.5 3.7



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
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 54.715 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

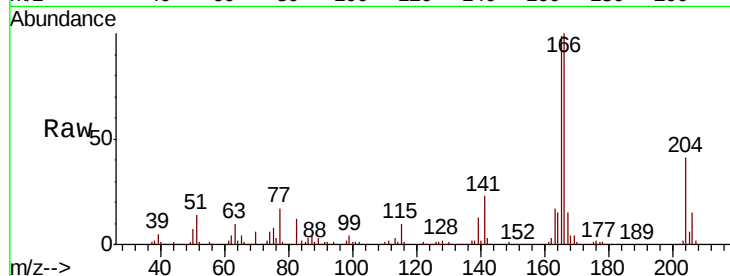
Tgt Ion:166 Resp: 463979

Ion Ratio Lower Upper

166 100

165 99.1 77.0 115.4

167 14.7 10.6 16.0

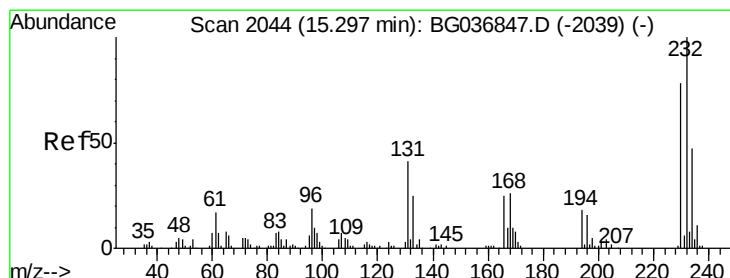
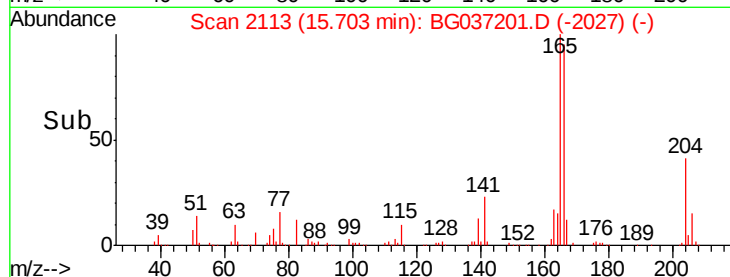
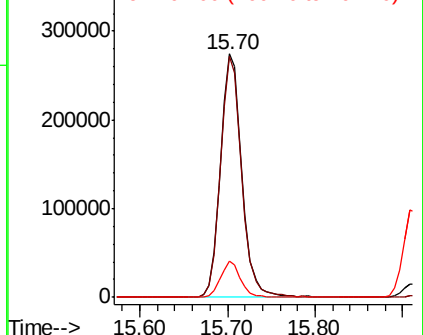


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 57.401 ng

RT: 15.28 min Scan# 2041

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Tgt Ion:232 Resp: 141414

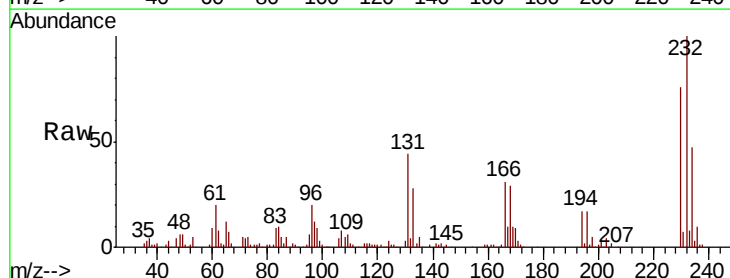
Ion Ratio Lower Upper

232 100

131 42.6 33.8 50.8

130 2.7 2.1 3.1

166 28.5 22.3 33.5



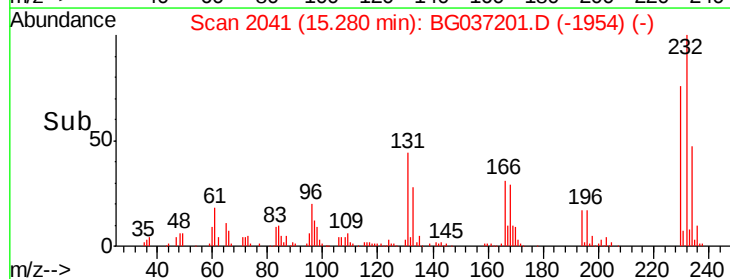
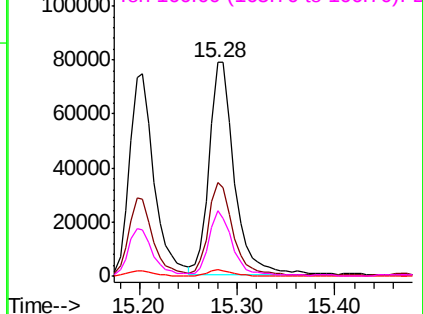
Abundance

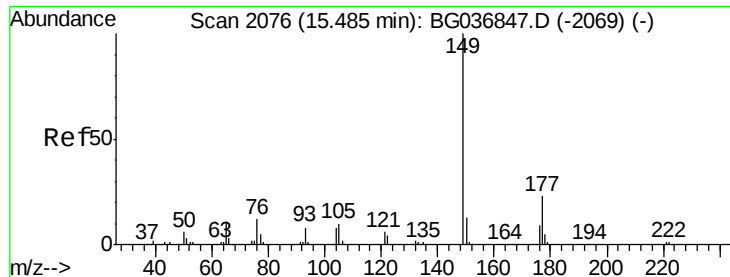
Ion 232.00 (231.70 to 232.70): E

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





#59

Diethylphthalate

Concen: 51.588 ng

RT: 15.47 min Scan# 2074

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

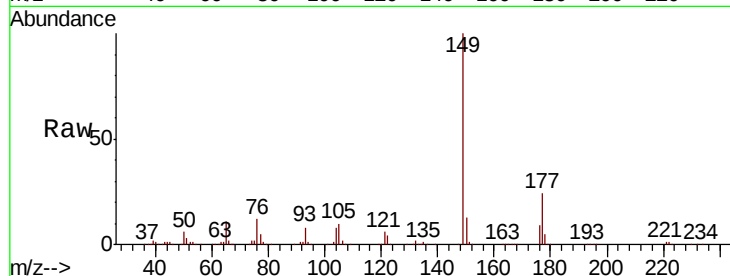
Tgt Ion:149 Resp: 492501

Ion Ratio Lower Upper

149 100

177 24.0 19.1 28.7

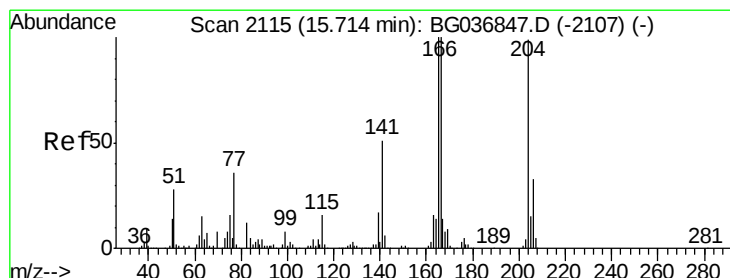
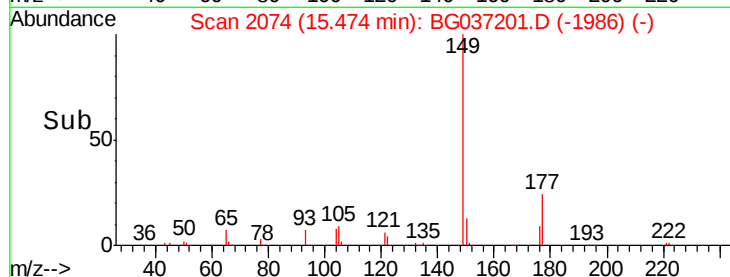
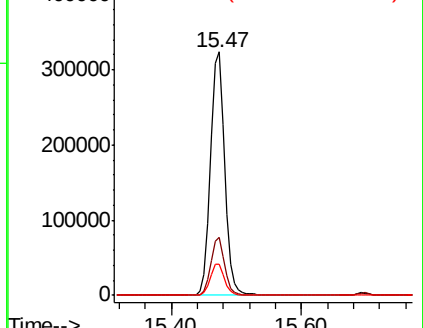
150 12.9 10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 46.707 ng

RT: 15.70 min Scan# 2112

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

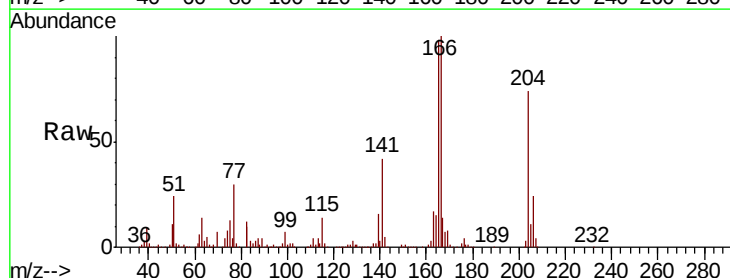
Tgt Ion:204 Resp: 250829

Ion Ratio Lower Upper

204 100

206 33.2 27.0 40.4

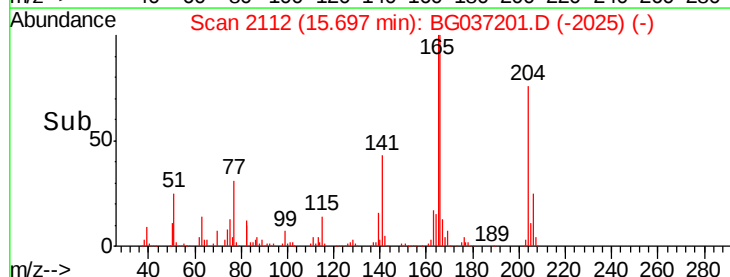
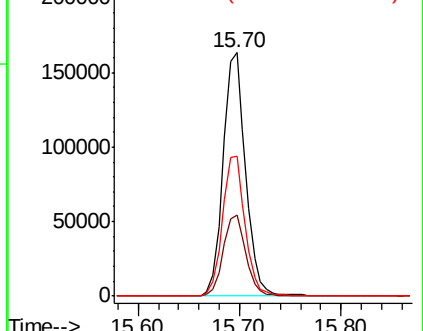
141 57.5 43.8 65.6

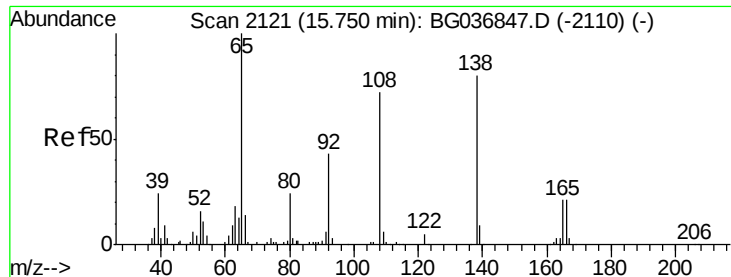


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

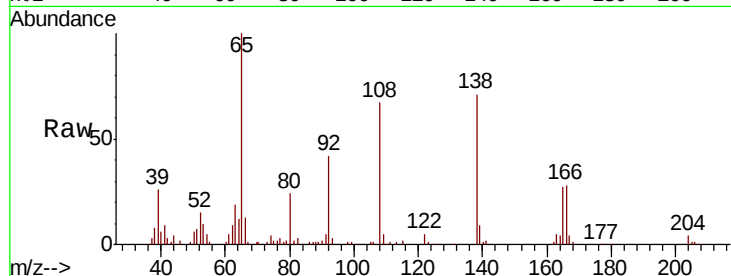




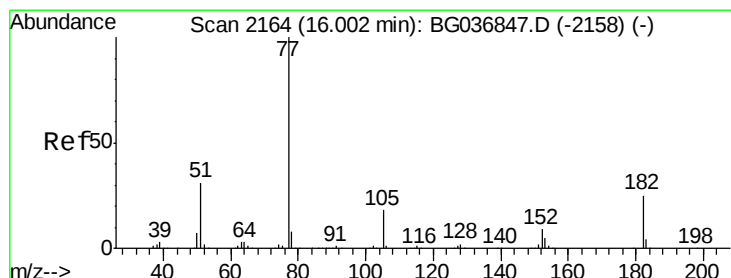
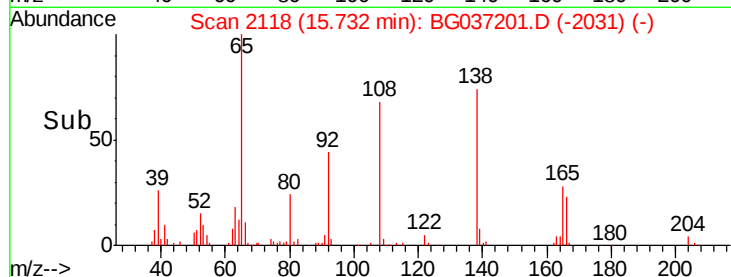
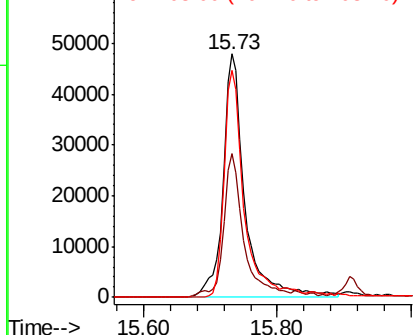
#61
4-Nitroaniline
Concen: 48.406 ng
RT: 15.73 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:138 Resp: 110805
Ion Ratio Lower Upper
138 100
92 58.9 38.5 78.5
108 93.4 70.3 110.3

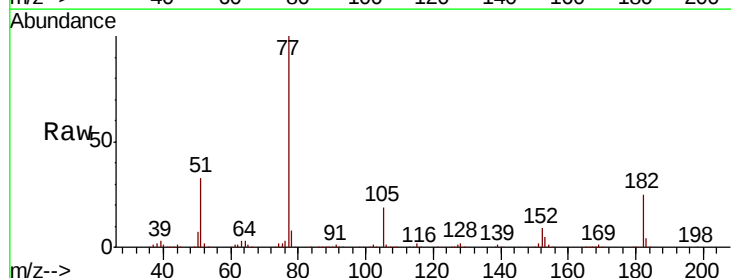


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

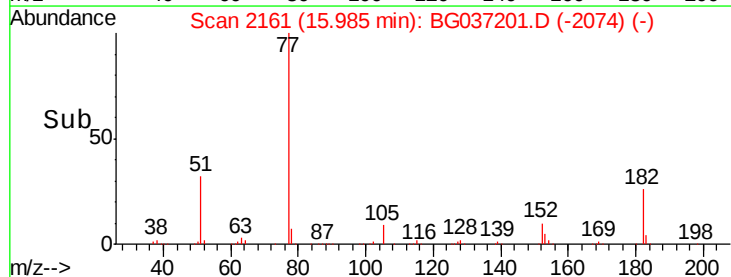
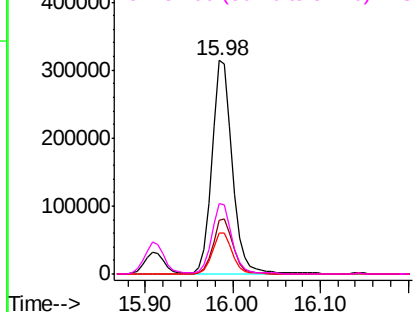


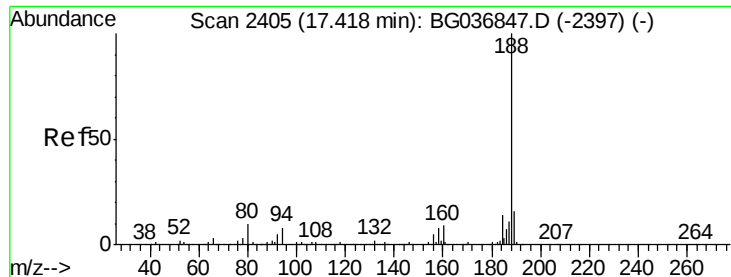
#62
Azobenzene
Concen: 55.123 ng
RT: 15.98 min Scan# 2161
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion: 77 Resp: 505645
Ion Ratio Lower Upper
77 100
182 25.0 6.7 46.7
105 19.1 0.0 39.8
51 32.9 12.4 52.4



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

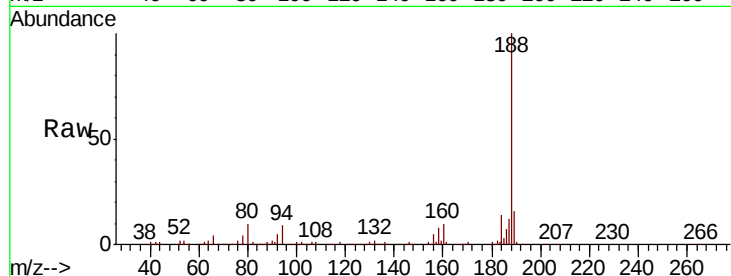
Tgt Ion:188 Resp: 298181

Ion Ratio Lower Upper

188 100

94 8.6 6.7 10.1

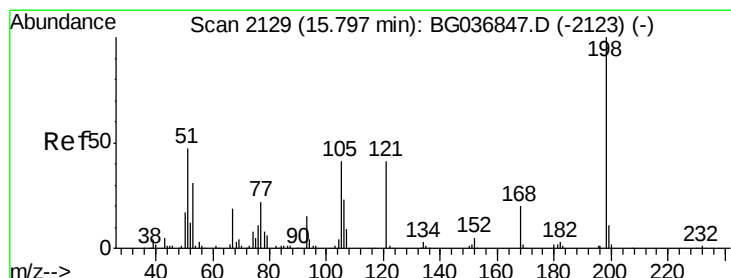
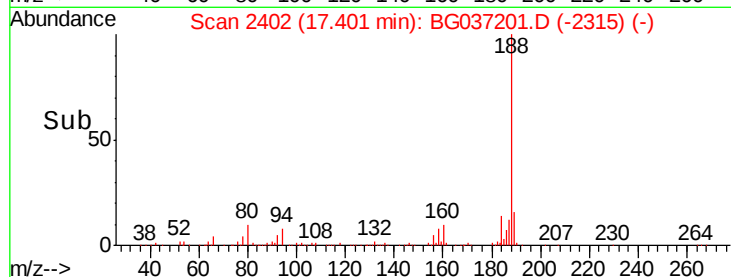
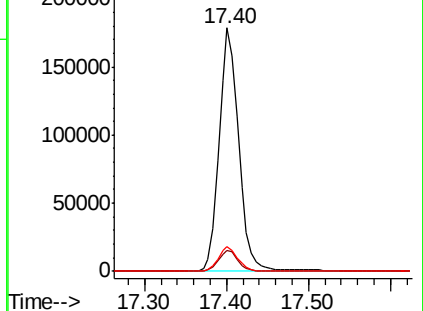
80 10.2 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 26.779 ng

RT: 15.79 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

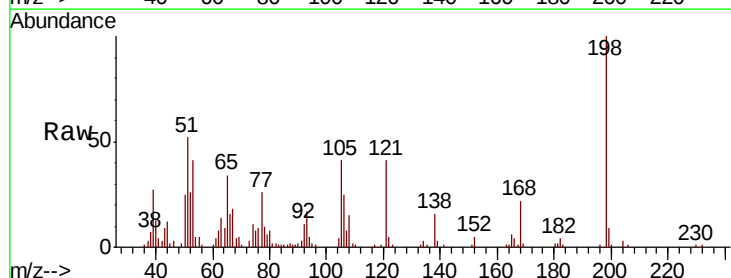
Tgt Ion:198 Resp: 41747

Ion Ratio Lower Upper

198 100

51 51.8 26.5 66.5

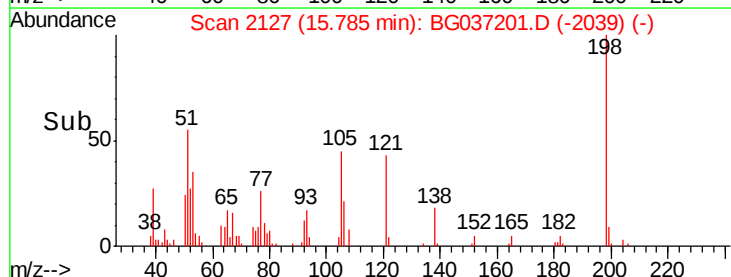
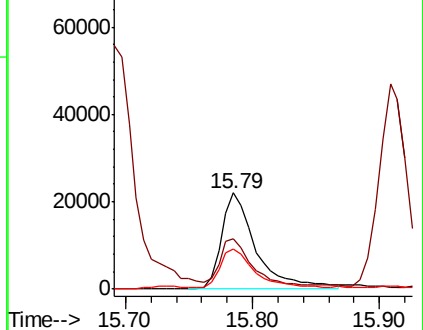
105 41.3 20.2 60.2

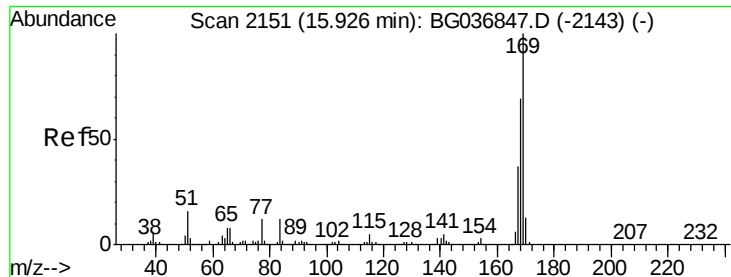


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 51.582 ng

RT: 15.91 min Scan# 2149

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

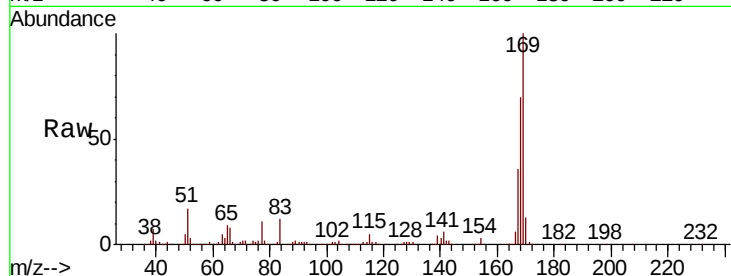
Tgt Ion:169 Resp: 424620

Ion Ratio Lower Upper

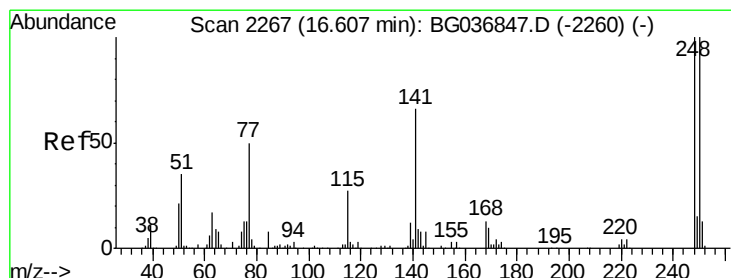
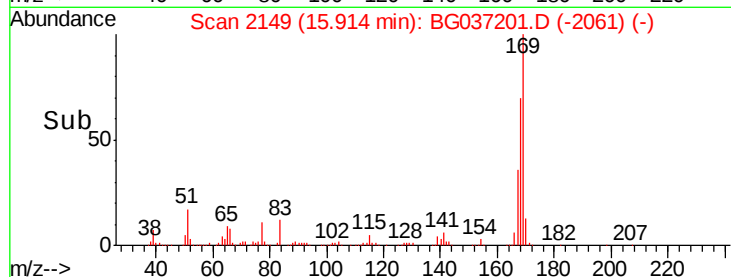
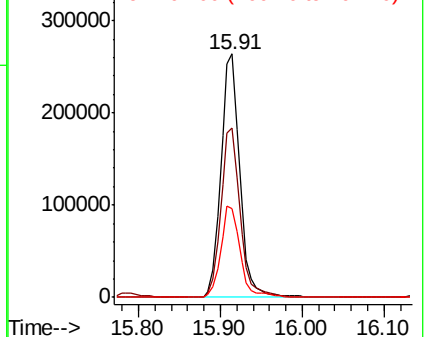
169 100

168 69.7 57.6 86.4

167 36.4 31.0 46.4



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



#66

4-Bromophenyl-phenylether

Concen: 48.698 ng

RT: 16.59 min Scan# 2264

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

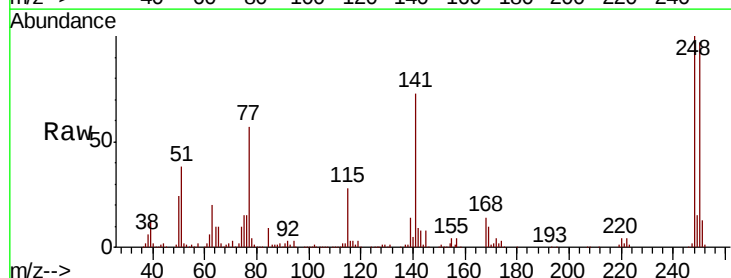
Tgt Ion:248 Resp: 165166

Ion Ratio Lower Upper

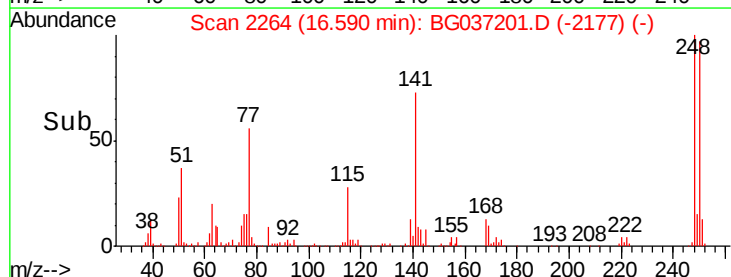
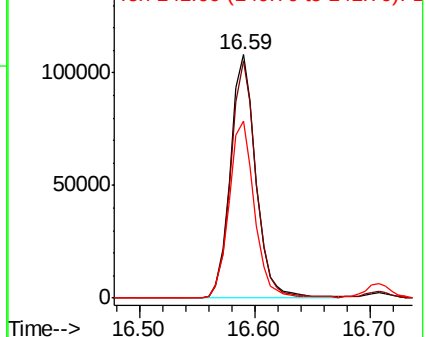
248 100

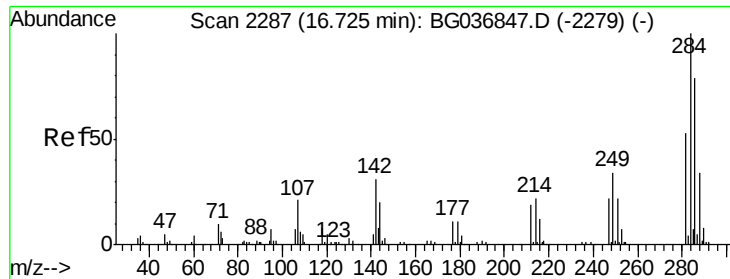
250 97.4 78.1 117.1

141 72.9 53.7 80.5



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

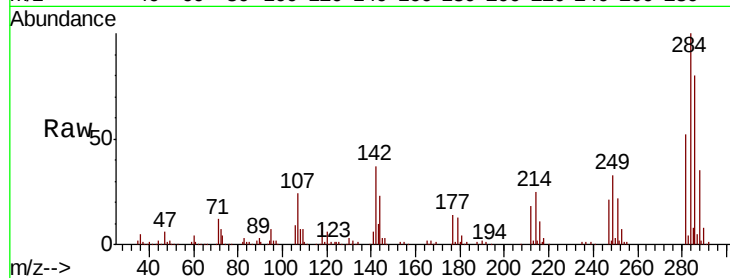




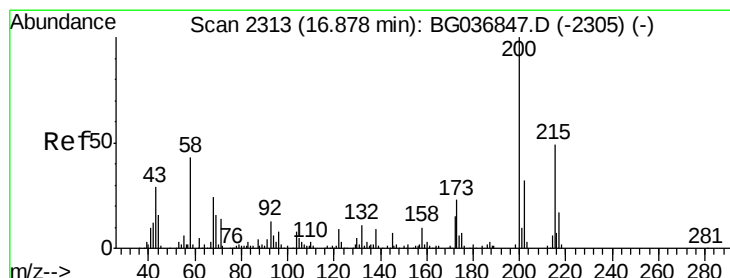
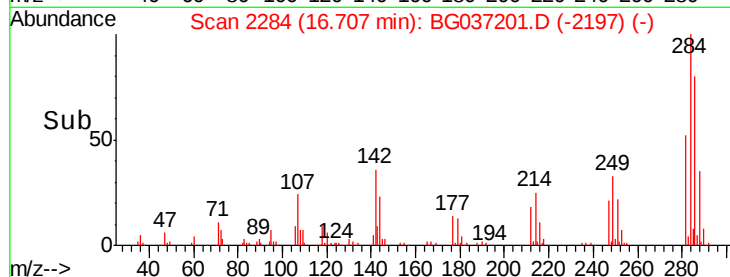
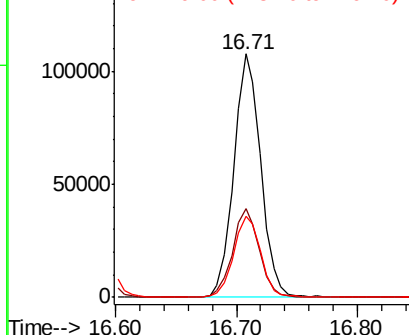
#67
Hexachlorobenzene
Concen: 47.804 ng
RT: 16.71 min Scan# 2284
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

Tgt Ion:284 Resp: 166987
Ion Ratio Lower Upper
284 100
142 36.5 27.8 41.6
249 33.5 27.4 41.2

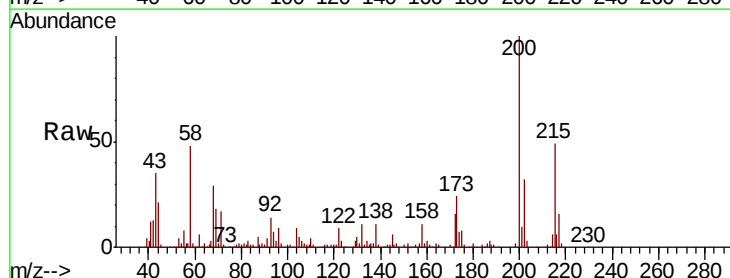


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

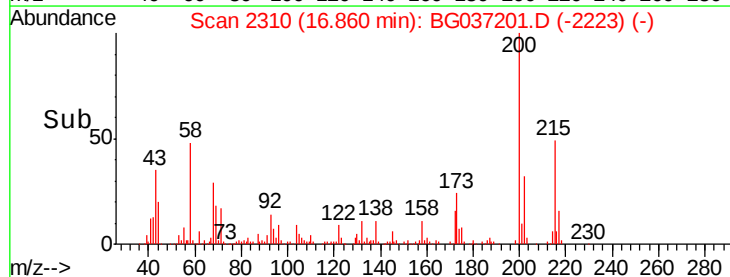
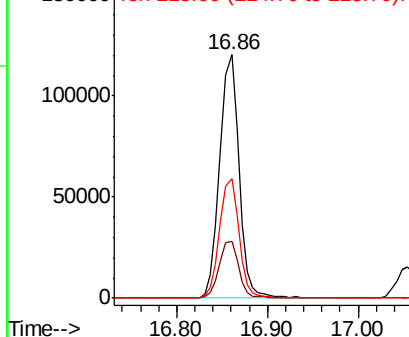


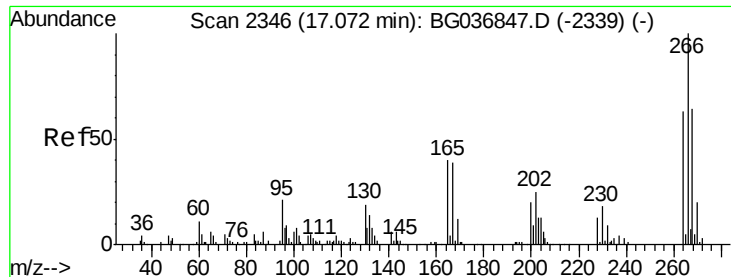
#68
Atrazine
Concen: 53.302 ng
RT: 16.86 min Scan# 2310
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion:200 Resp: 177666
Ion Ratio Lower Upper
200 100
173 23.5 3.9 43.9
215 48.9 30.4 70.4



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

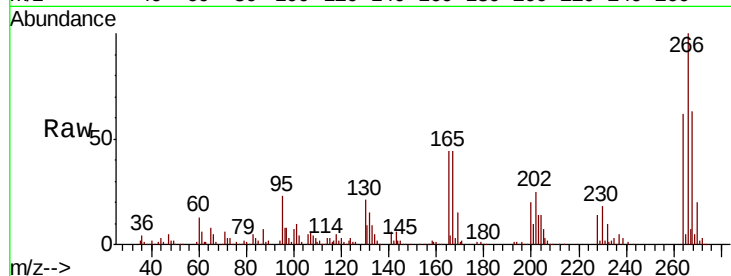




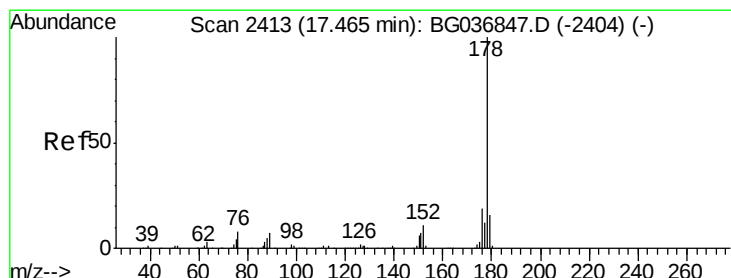
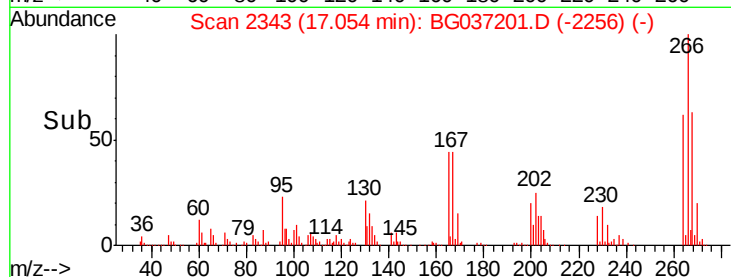
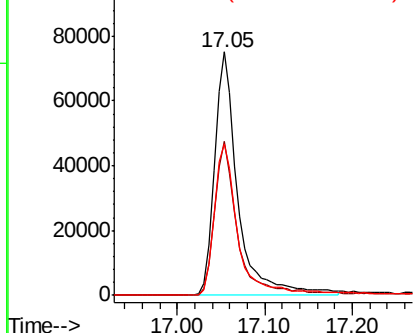
#69
 Pentachlorophenol
 Concen: 63.101 ng
 RT: 17.05 min Scan# 2343
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion:266 Resp: 138779
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.4 77.2
 264 62.2 48.9 73.3

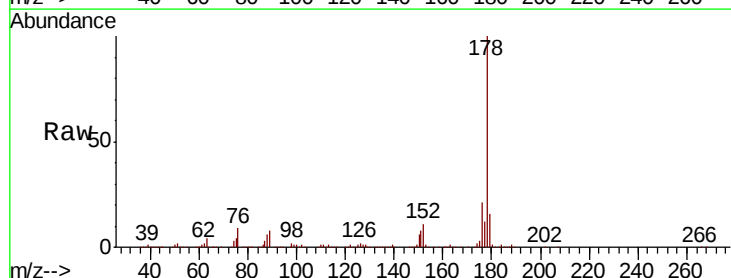


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

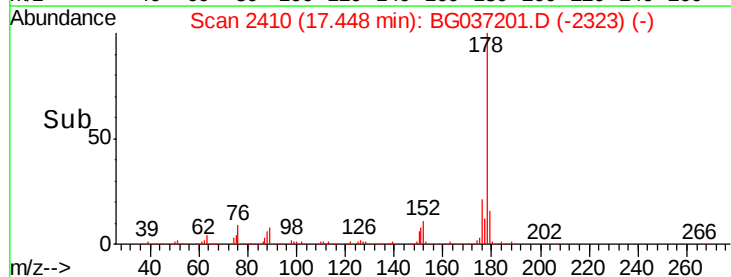
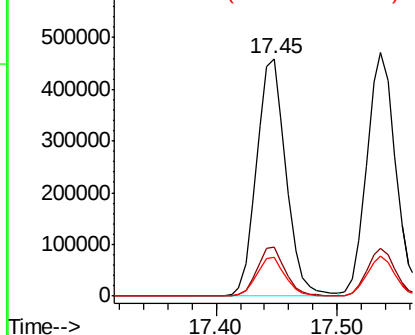


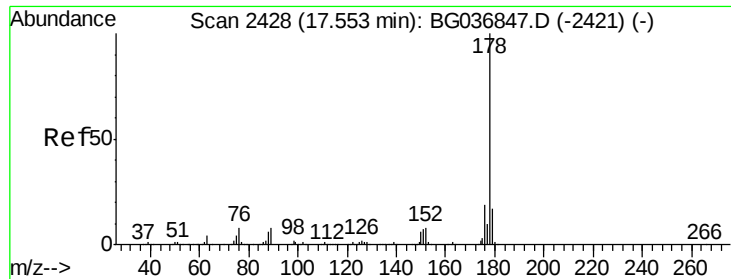
#70
 Phenanthrene
 Concen: 54.087 ng
 RT: 17.45 min Scan# 2410
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:178 Resp: 777182
 Ion Ratio Lower Upper
 178 100
 176 20.7 15.4 23.2
 179 16.4 13.4 20.2



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

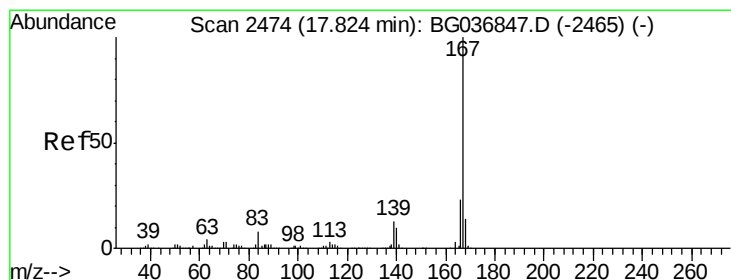
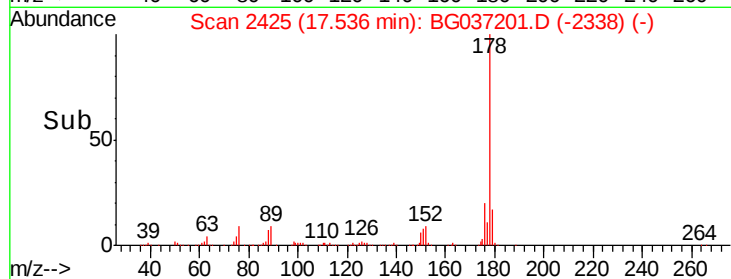
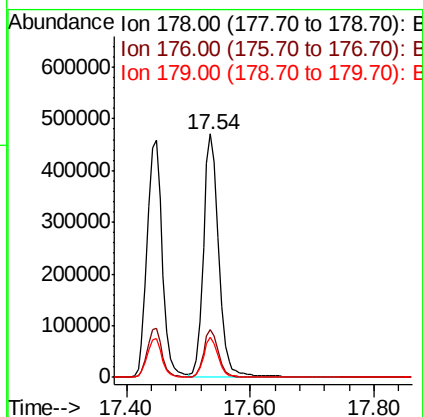
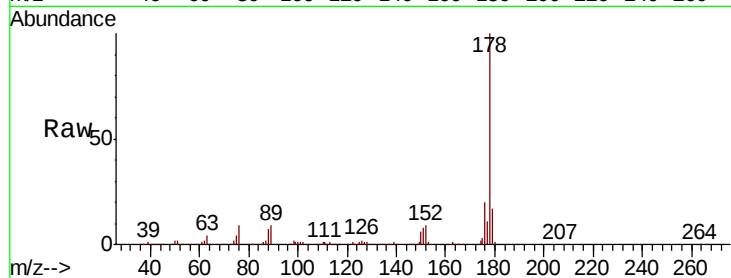




#71
 Anthracene
 Concen: 56.569 ng
 RT: 17.54 min Scan# 2425
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

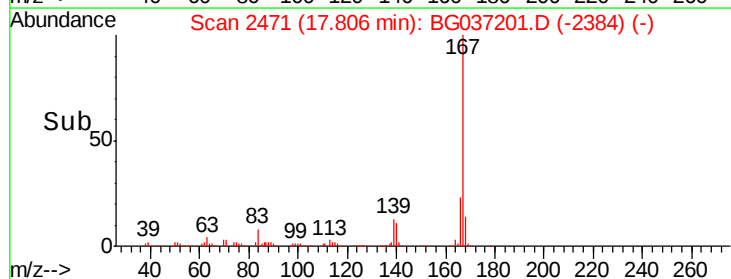
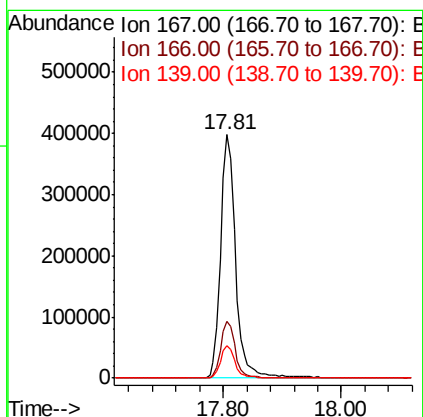
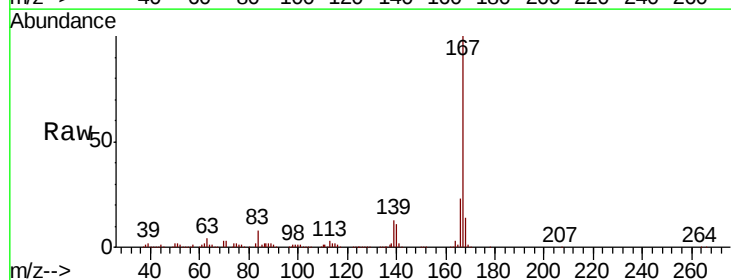
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

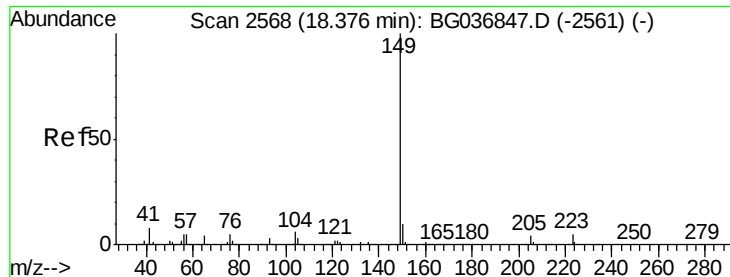
Tgt Ion:178 Resp: 803749
 Ion Ratio Lower Upper
 178 100
 176 19.7 15.4 23.2
 179 16.6 13.0 19.4



#72
 Carbazole
 Concen: 50.658 ng
 RT: 17.81 min Scan# 2471
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:167 Resp: 701773
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.5 29.3
 139 13.2 10.7 16.1

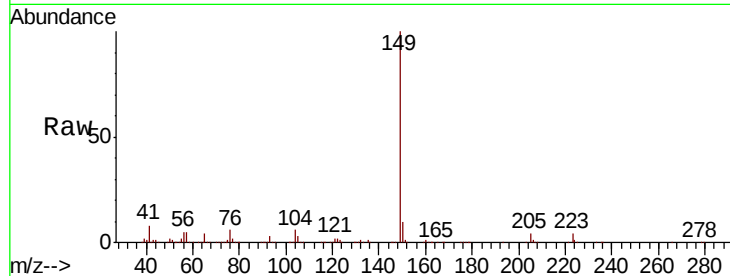




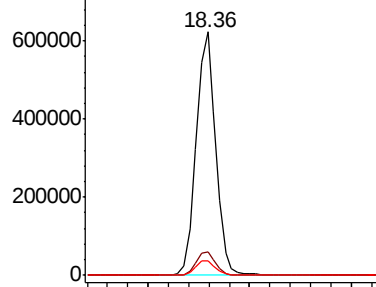
#73
Di-n-butylphthalate
Concen: 54.001 ng
RT: 18.36 min Scan# 2565
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

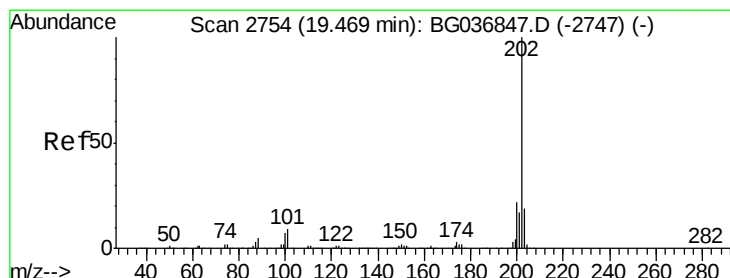
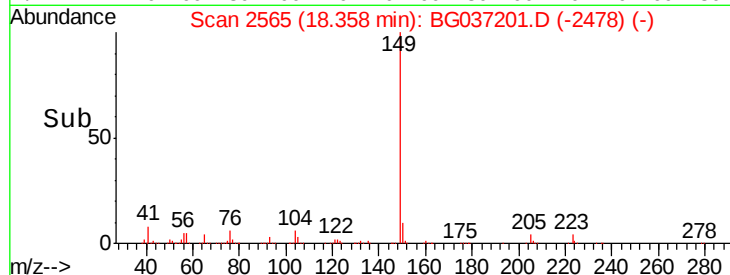
Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	8.1	12.1
104	6.1	4.6	6.8



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

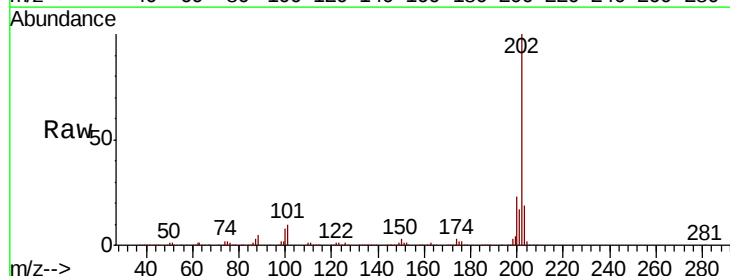


Time-->

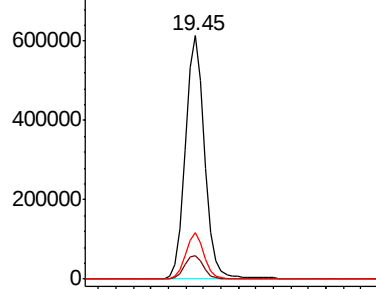


#74
Fluoranthene
Concen: 54.170 ng
RT: 19.45 min Scan# 2751
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

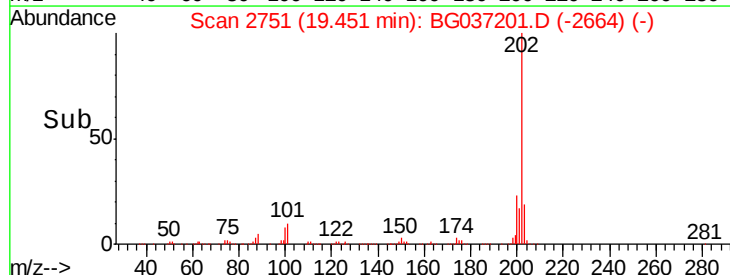
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.4
203	19.0	0.0	38.9

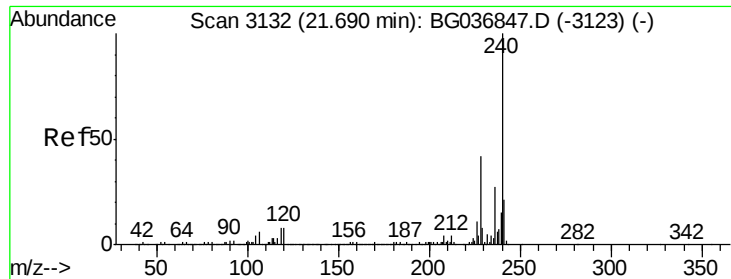


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

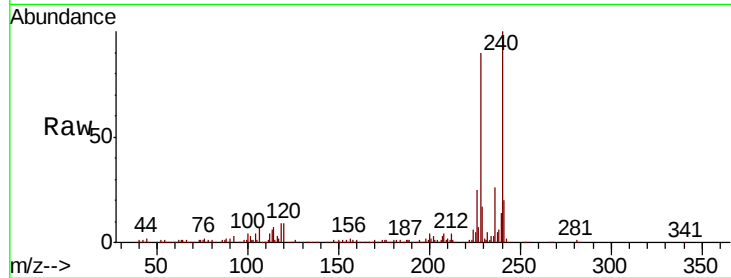
Tgt Ion:240 Resp: 300007

Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

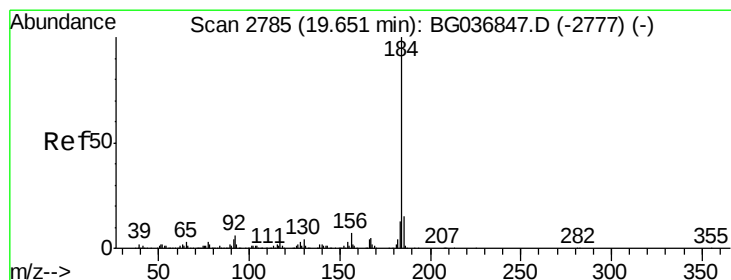
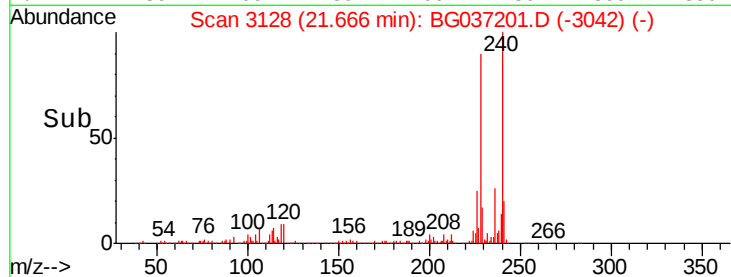
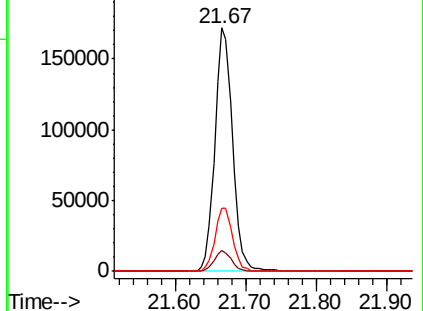
236 26.1 21.2 31.8



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



#76

Benzidine

Concen: 15.143 ng

RT: 19.64 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

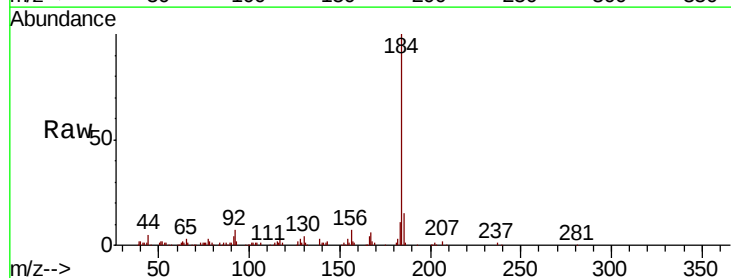
Tgt Ion:184 Resp: 137332

Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

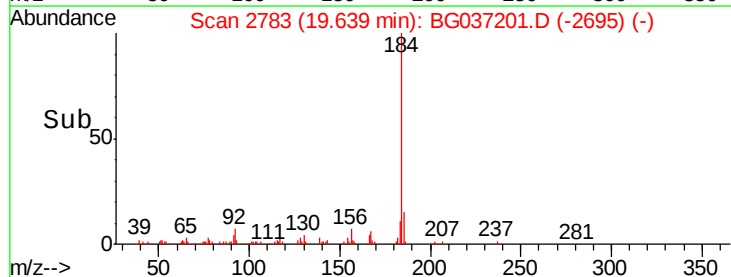
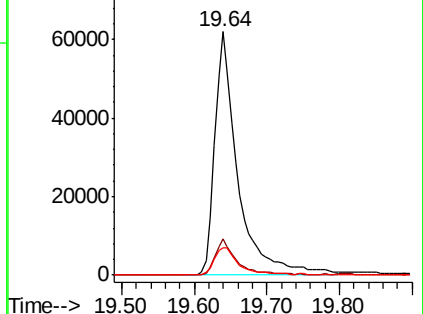
183 11.1 10.9 16.3

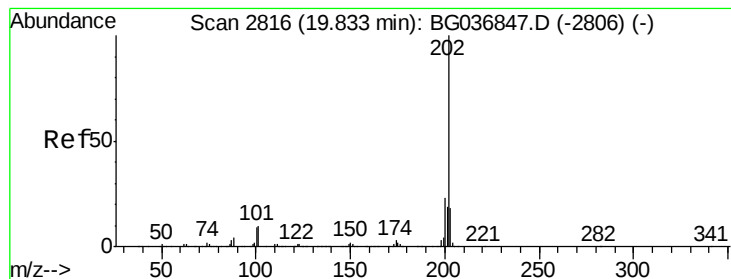


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 51.498 ng

RT: 19.81 min Scan# 2812

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

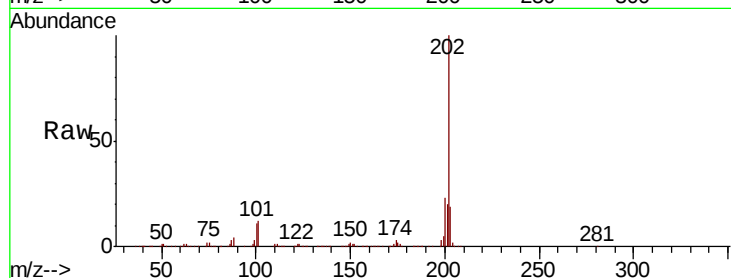
Tgt Ion:202 Resp: 927124

Ion Ratio Lower Upper

202 100

200 23.0 18.3 27.5

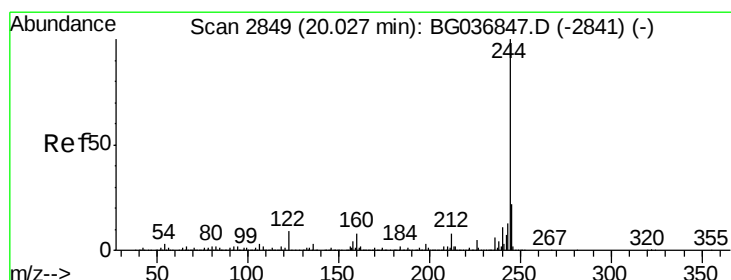
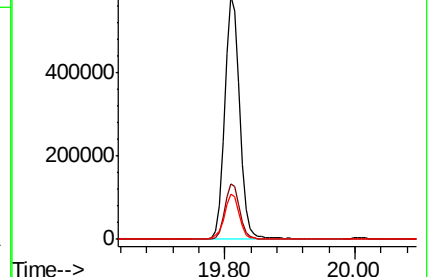
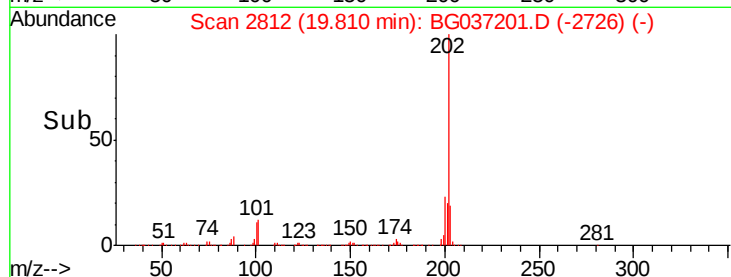
203 18.6 15.1 22.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 94.662 ng

RT: 20.01 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

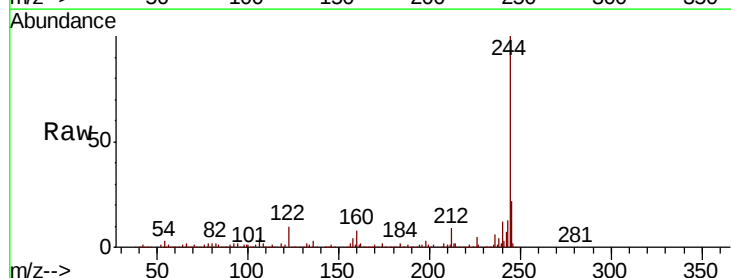
Tgt Ion:244 Resp: 1080030

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

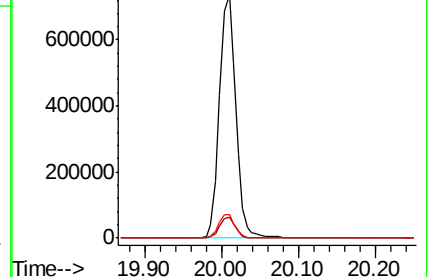
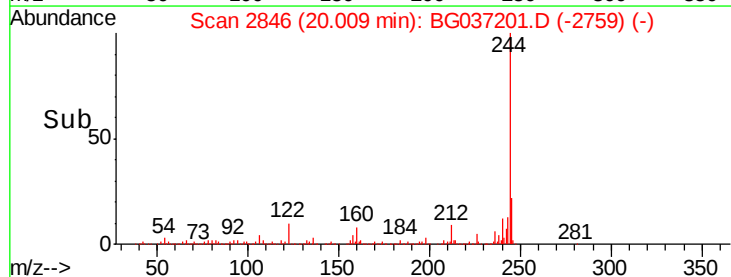
122 9.7 7.1 10.7

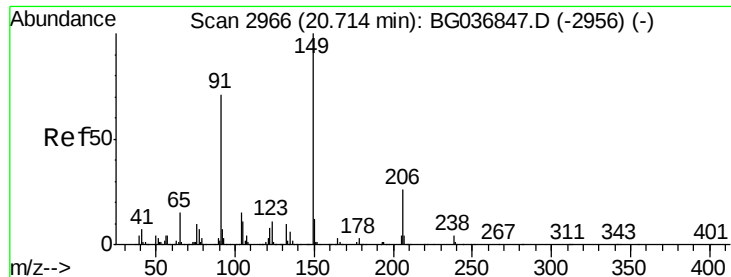


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

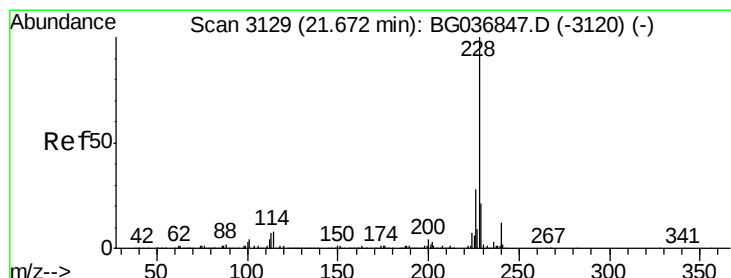
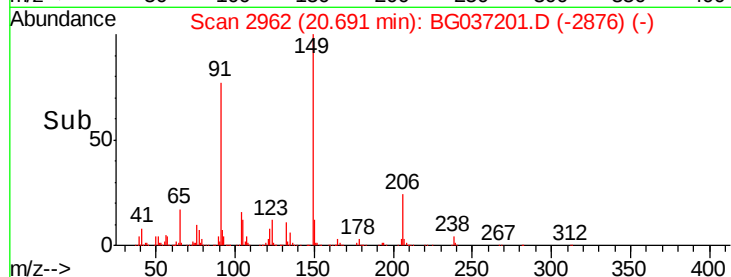
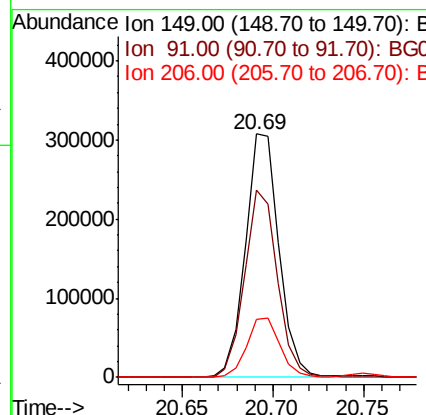
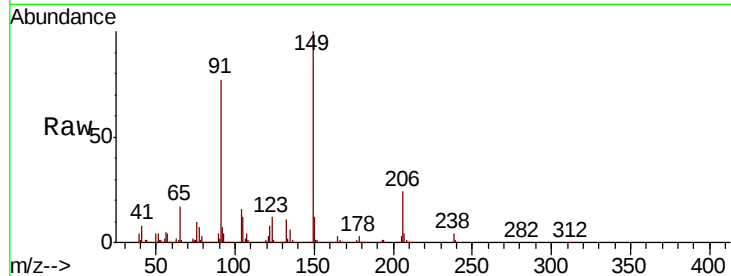




#79
Butylbenzylphthalate
Concen: 55.212 ng
RT: 20.69 min Scan# 2962
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

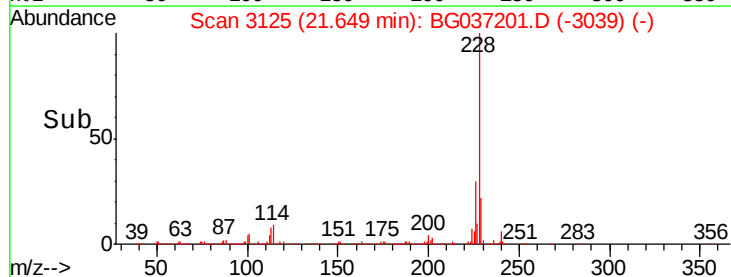
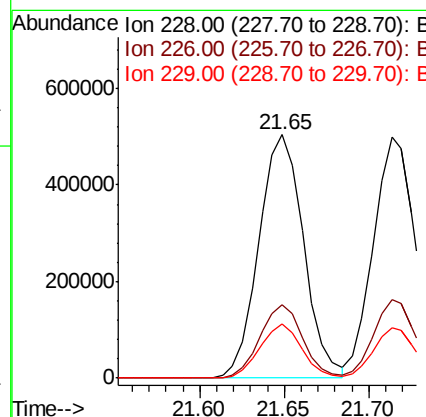
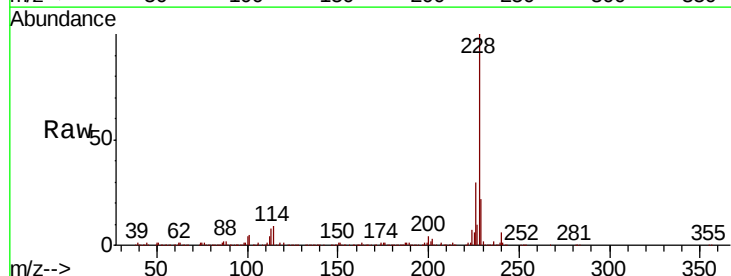
Instrument :
BNA_G
ClientSampleId :
OK-01-100318MS

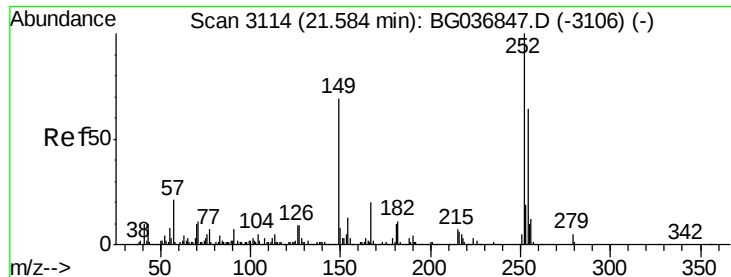
Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.9	62.0	93.0
206	23.9	19.6	29.4



#80
Benzo(a)anthracene
Concen: 52.961 ng
RT: 21.65 min Scan# 3125
Delta R.T. -0.02 min
Lab File: BG037201.D
Acq: 5 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.4	35.2
229	22.2	17.1	25.7

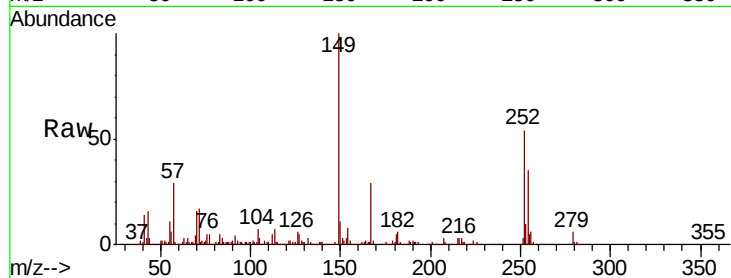




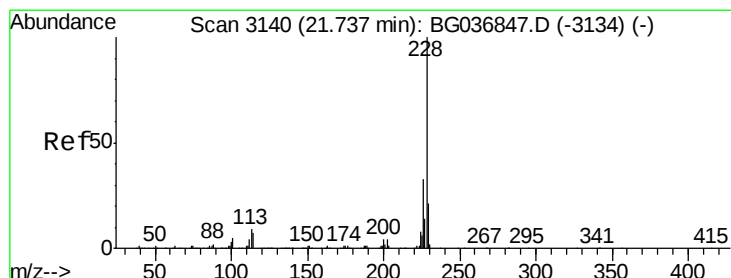
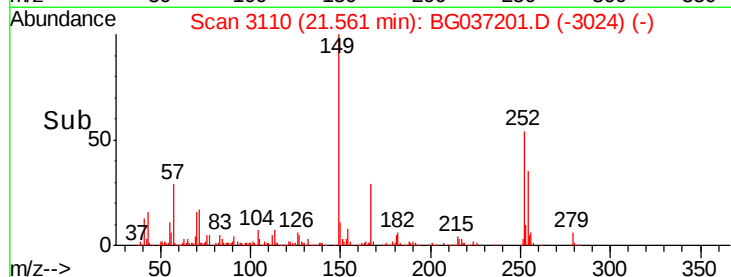
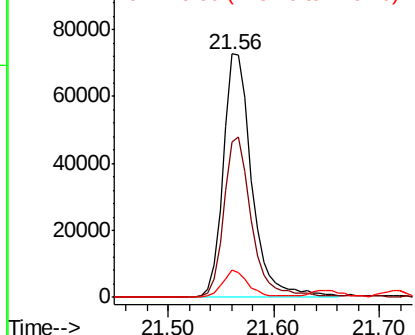
#81
 3,3'-Dichlorobenzidine
 Concen: 20.490 ng
 RT: 21.56 min Scan# 3110
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

Tgt Ion:252 Resp: 136589
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.0 76.4
 126 11.0 7.4 11.0#

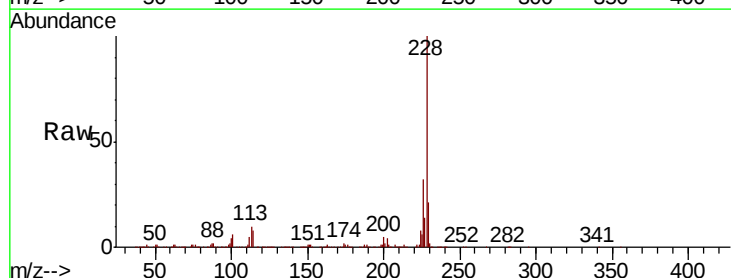


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

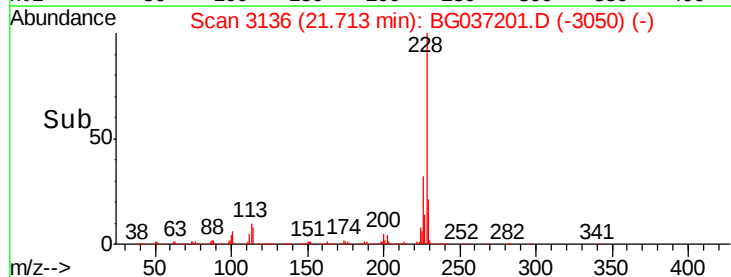
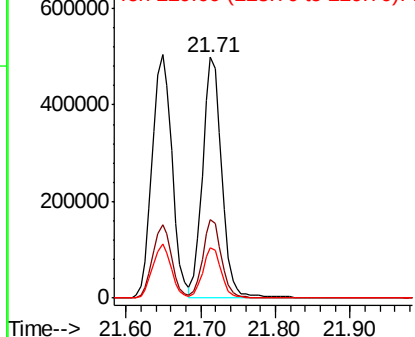


#82
 Chrysene
 Concen: 52.533 ng
 RT: 21.71 min Scan# 3136
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion:228 Resp: 888906
 Ion Ratio Lower Upper
 228 100
 226 32.5 25.5 38.3
 229 20.8 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

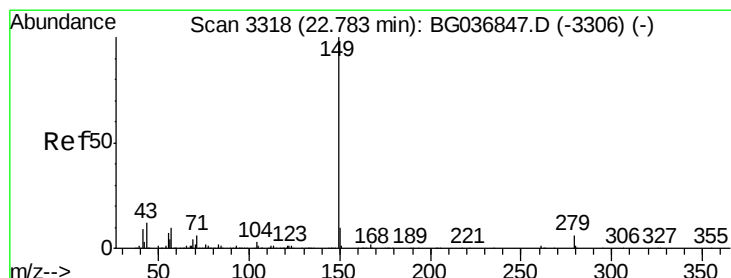
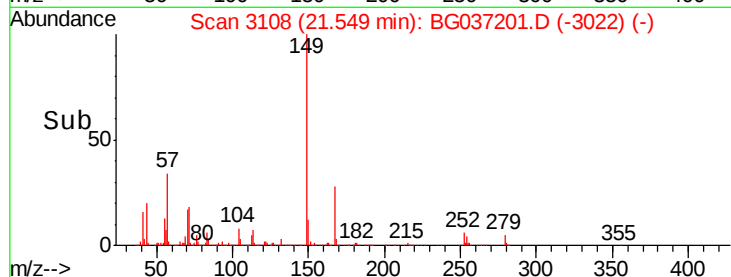
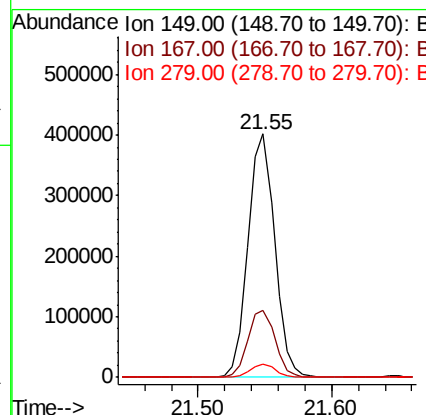
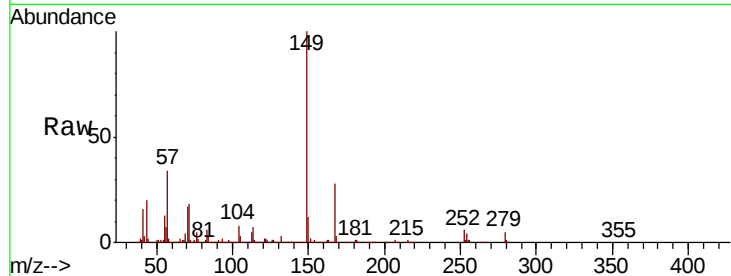




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 55.256 ng
 RT: 21.55 min Scan# 3108
 Delta R.T. -0.02 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

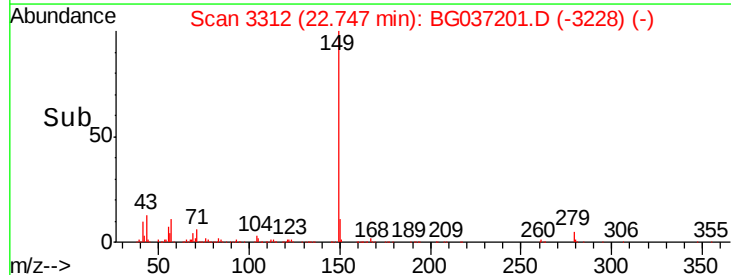
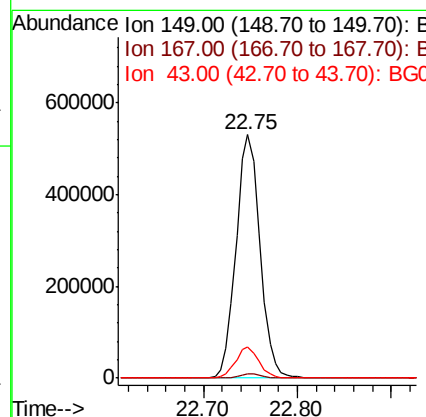
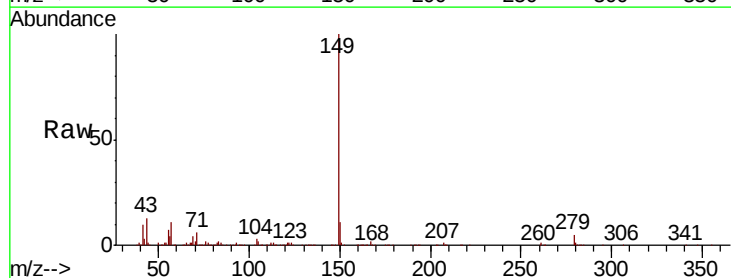
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-100318MS

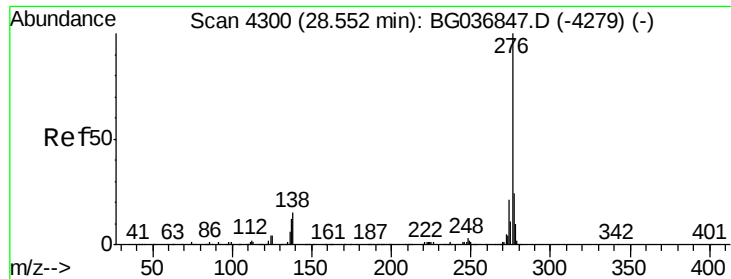
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.4	35.0
279	5.2	4.6	7.0



#84
 Di-n-octyl phthalate
 Concen: 56.836 ng
 RT: 22.75 min Scan# 3312
 Delta R.T. -0.04 min
 Lab File: BG037201.D
 Acq: 5 Oct 2018 22:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.4	10.0	15.0





#85

Indeno(1,2,3-cd)pyrene

Concen: 58.341 ng

RT: 28.50 min Scan# 4291

Delta R.T. -0.05 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

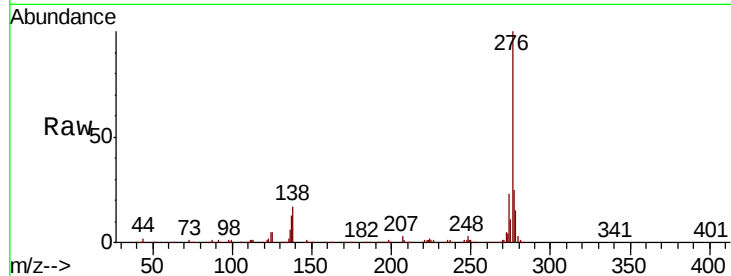
Tgt Ion:276 Resp: 1060070

Ion Ratio Lower Upper

276 100

138 20.7 10.6 15.8#

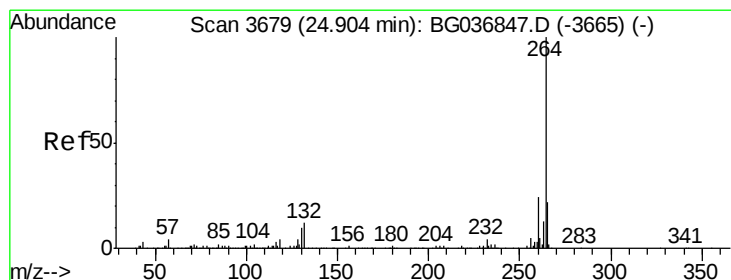
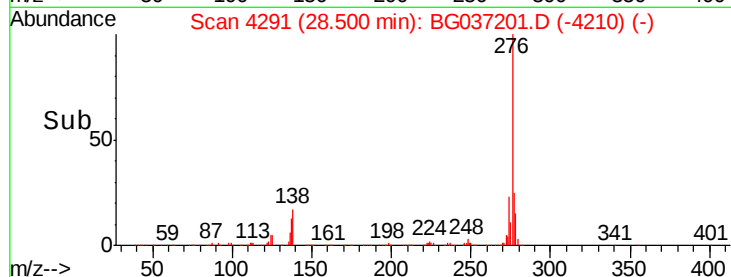
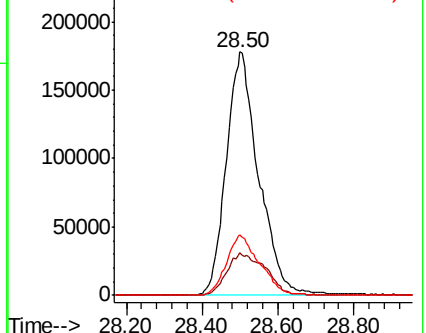
277 25.6 20.6 30.8



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.05 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

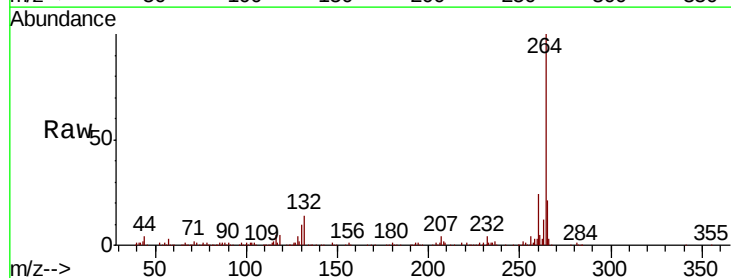
Tgt Ion:264 Resp: 309836

Ion Ratio Lower Upper

264 100

260 24.1 19.6 29.4

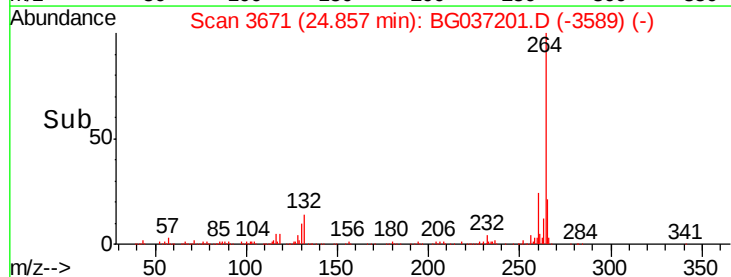
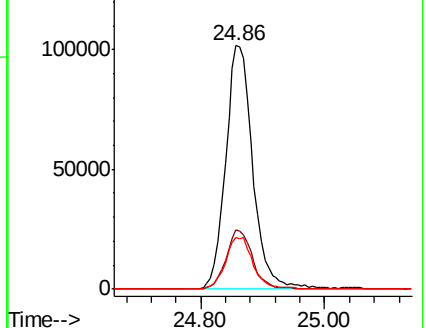
265 21.3 17.4 26.0

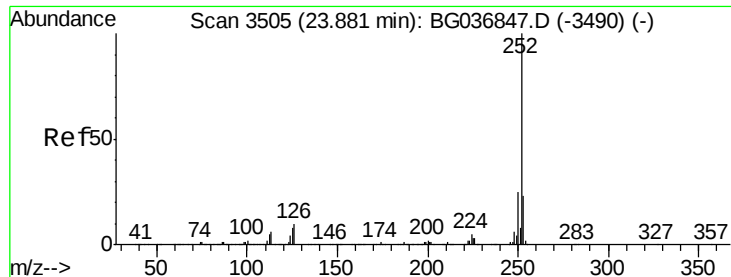


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 55.025 ng

RT: 23.85 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

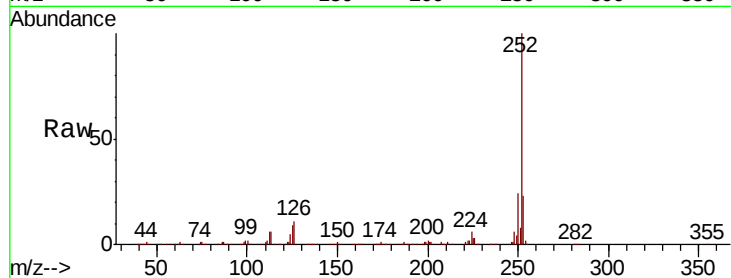
Tgt Ion:252 Resp: 908569

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

125 8.9 6.6 10.0

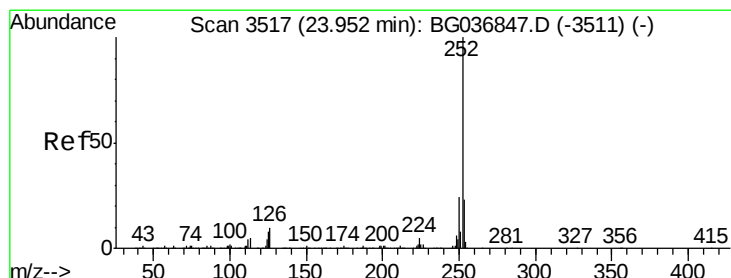
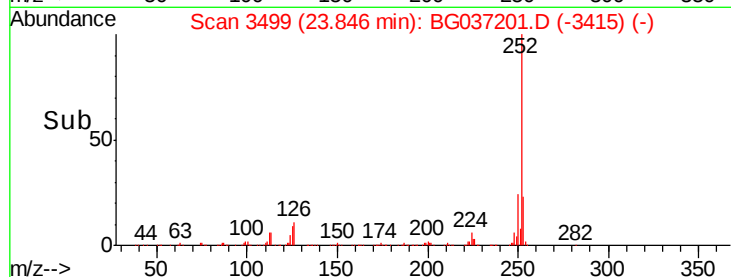
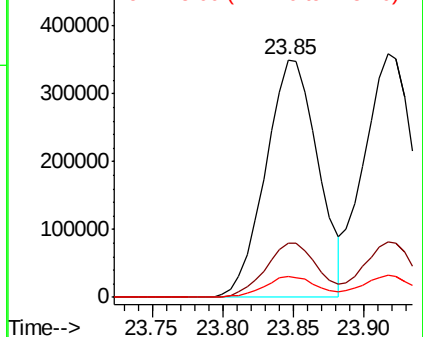


Abundance

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



#88

Benzo(k)fluoranthene

Concen: 55.302 ng

RT: 23.92 min Scan# 3511

Delta R.T. -0.04 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

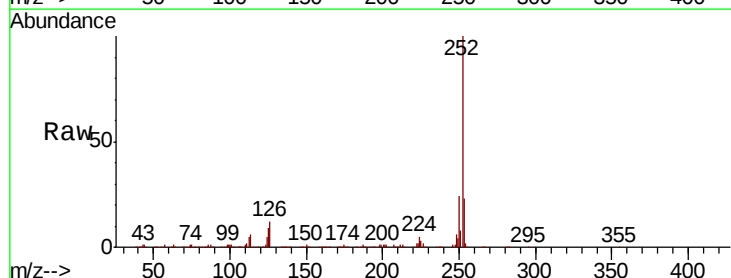
Tgt Ion:252 Resp: 916129

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

125 8.9 7.0 10.6

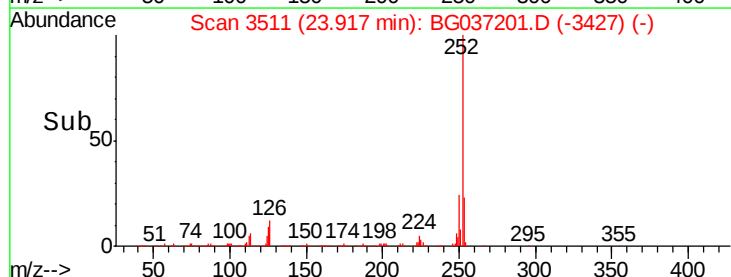
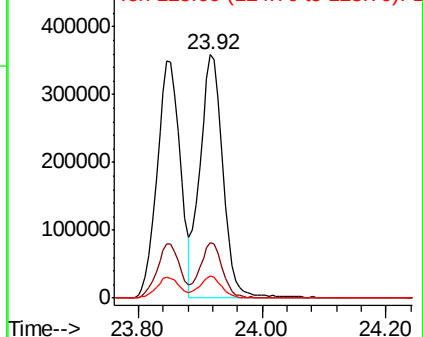


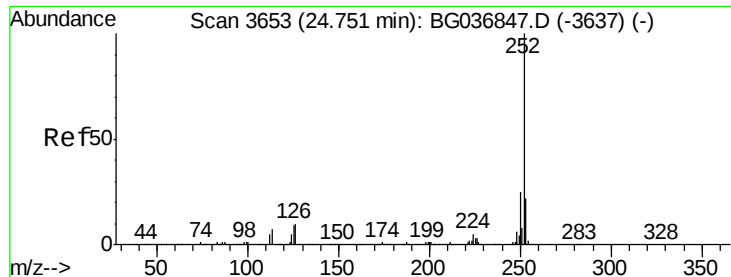
Abundance

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(a)pyrene

Concen: 56.169 ng

RT: 24.72 min Scan# 3647

Delta R.T. -0.04 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

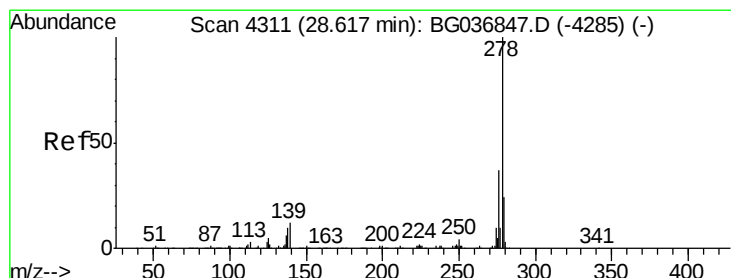
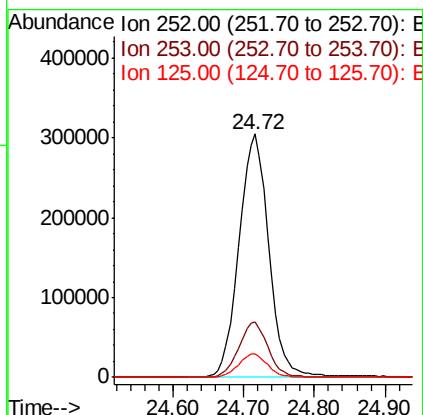
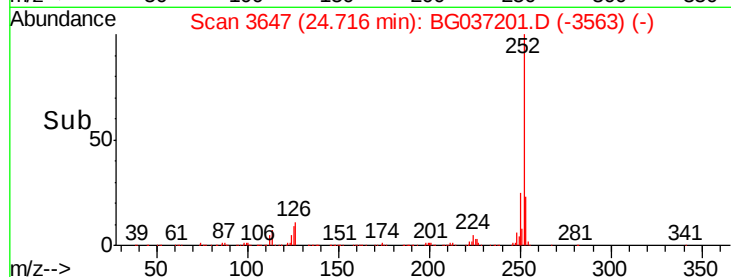
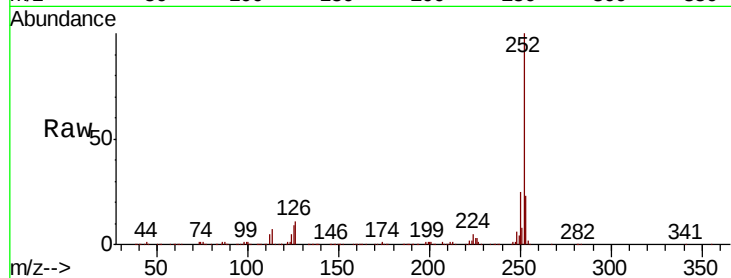
Tgt Ion:252 Resp: 896638

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.2

125 9.4 7.3 10.9



#90

Dibenzo(a,h)anthracene

Concen: 57.364 ng

RT: 28.56 min Scan# 4302

Delta R.T. -0.05 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

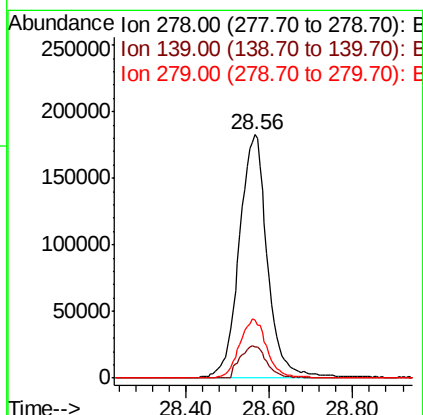
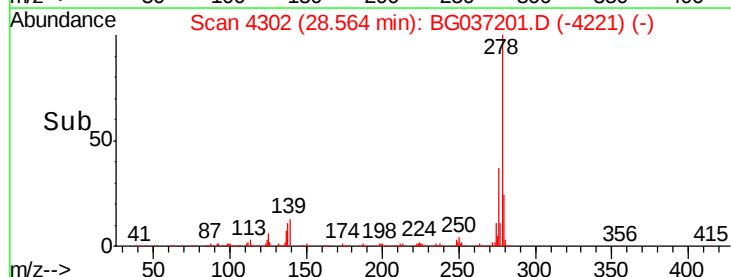
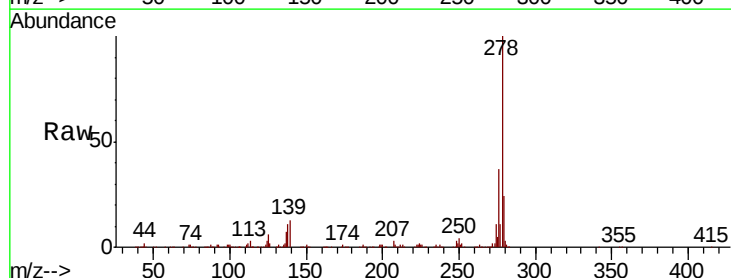
Tgt Ion:278 Resp: 858219

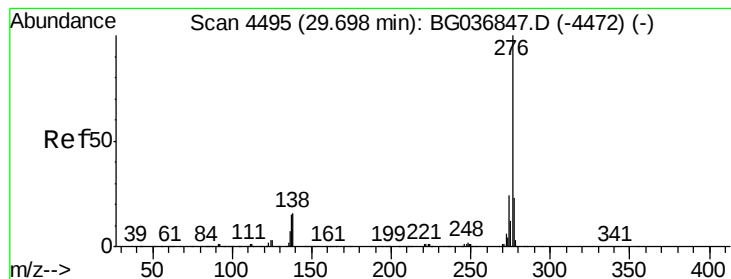
Ion Ratio Lower Upper

278 100

139 12.9 11.0 16.4

279 23.7 18.7 28.1





#91

Benzo(g,h,i)perylene

Concen: 57.993 ng

RT: 29.63 min Scan# 4484

Delta R.T. -0.06 min

Lab File: BG037201.D

Acq: 5 Oct 2018 22:57

Instrument :

BNA_G

ClientSampleId :

OK-01-100318MS

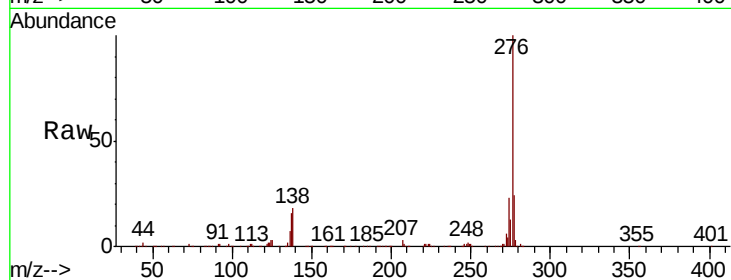
Tgt Ion: 276 Resp: 870758

Ion Ratio Lower Upper

276 100

277 23.7 18.4 27.6

138 18.2 14.6 22.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

