

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039728.D
 Acq On : 4 Mar 2019 12:58
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 13:46:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44313	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	206271	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	135227	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	322971	20.00	ng	0.00
76) Chrysene-d12	21.83	240	322816	20.00	ng	0.00
87) Perylene-d12	25.20	264	333453	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	423892	163.72	ng	0.00
7) Phenol-d6	7.31	99	621270	163.02	ng	0.00
23) Nitrobenzene-d5	9.34	82	614692	186.17	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	262397	180.20	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	1399473	148.46	ng	0.00
79) Terphenyl-d14	20.12	244	2006125	131.54	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	90803	80.176	ng	99
3) Pyridine	4.00	79	251211	83.778	ng	96
4) n-Nitrosodimethylamine	3.92	42	130476	87.007	ng	94
6) Aniline	7.49	93	407246	85.310	ng	98
8) 2-Chlorophenol	7.72	128	253576	89.598	ng	99
9) Benzaldehyde	7.30	77	166871	80.303	ng	96
10) Phenol	7.34	94	339309	85.408	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	266900	85.021	ng	96
12) 1,3-Dichlorobenzene	8.05	146	282871	82.506	ng	96
13) 1,4-Dichlorobenzene	8.20	146	286792	83.925	ng	99
14) 1,2-Dichlorobenzene	8.52	146	273224	82.591	ng	95
15) Benzyl Alcohol	8.40	79	253199	84.624	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.68	45	511140	72.102	ng	100
17) 2-Methylphenol	8.59	107	221426	86.128	ng	99
18) Hexachloroethane	9.24	117	105889	90.066	ng	98
19) n-Nitroso-di-n-propylamine	8.97	70	219678	81.213	ng	# 98
20) 3+4-Methylphenols	8.93	107	306090	86.459	ng	97
22) Acetophenone	8.99	105	428600	77.354	ng	# 98
24) Nitrobenzene	9.39	77	319669	89.617	ng	96
25) Isophorone	9.90	82	632864	86.494	ng	98
26) 2-Nitrophenol	10.09	139	162270	124.196	ng	97
27) 2,4-Dimethylphenol	10.13	122	241617	81.631	ng	97
28) bis(2-Chloroethoxy)methane	10.38	93	375654	83.353	ng	99
29) 2,4-Dichlorophenol	10.62	162	282698	87.390	ng	99
30) 1,2,4-Trichlorobenzene	10.84	180	301031	82.887	ng	100
31) Naphthalene	11.04	128	839406	82.030	ng	99
32) Benzoic acid	10.31	122	177444	105.507	ng	96
33) 4-Chloroaniline	11.15	127	368608	77.688	ng	98
34) Hexachlorobutadiene	11.29	225	208117	86.167	ng	99
35) Caprolactam	11.95	113	103769	77.519	ng	97
36) 4-Chloro-3-methylphenol	12.25	107	310116	82.893	ng	99
37) 2-Methylnaphthalene	12.63	142	626048	82.602	ng	99
38) 1-Methylnaphthalene	12.85	142	605995	82.946	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	360838	83.866	ng	99

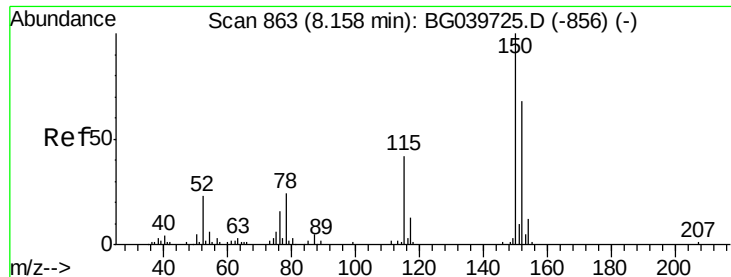
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
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 Operator : JU/SJ
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 QLast Update : Mon Mar 04 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	217402	92.728	ng	98
43) 2,4,6-Trichlorophenol	13.22	196	226390	85.578	ng	96
44) 2,4,5-Trichlorophenol	13.29	196	252871	91.203	ng	95
46) 1,1'-Biphenyl	13.62	154	847406	75.317	ng	99
47) 2-Chloronaphthalene	13.67	162	650749	76.884	ng	100
48) 2-Nitroaniline	13.88	65	222721	103.679	ng	97
49) Acenaphthylene	14.51	152	1043798	81.728	ng	96
50) Dimethylphthalate	14.24	163	856119	78.389	ng	98
51) 2,6-Dinitrotoluene	14.37	165	197625	107.066	ng	99
52) Acenaphthene	14.85	154	640864	77.303	ng	98
53) 3-Nitroaniline	14.71	138	198634	98.477	ng	98
54) 2,4-Dinitrophenol	14.90	184	122722	177.181	ng	98
55) Dibenzofuran	15.18	168	1008632	75.882	ng	95
56) 4-Nitrophenol	15.00	139	177193	103.252	ng	99
57) 2,4-Dinitrotoluene	15.15	165	279695	120.228	ng	95
58) Fluorene	15.83	166	799618	80.699	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	246136	94.812	ng	99
60) Diethylphthalate	15.59	149	849922	75.268	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	436591	77.815	ng	98
62) 4-Nitroaniline	15.87	138	211637	98.876	ng	98
63) Azobenzene	16.11	77	764471	69.265	ng	99
65) 4,6-Dinitro-2-methylphenol	15.91	198	164295	138.415	ng	96
66) n-Nitrosodiphenylamine	16.04	169	718721	73.186	ng	96
67) 4-Bromophenyl-phenylether	16.71	248	291117	81.249	ng	99
68) Hexachlorobenzene	16.82	284	297622	82.792	ng	100
69) Atrazine	16.97	200	289001	80.529	ng	99
70) Pentachlorophenol	17.17	266	206144	82.508	ng	98
71) Phenanthrene	17.57	178	1310516	78.399	ng	97
72) Anthracene	17.67	178	1285573	78.078	ng	97
73) Carbazole	17.94	167	1158449	70.499	ng	97
74) Di-n-butylphthalate	18.47	149	1382086	72.095	ng	99
75) Fluoranthene	19.58	202	1528382	78.774	ng	98
77) Benzidine	19.76	184	832060	78.617	ng	96
78) Pyrene	19.94	202	1525850	75.927	ng	95
80) Butylbenzylphthalate	20.81	149	670316	79.072	ng	97
81) Benzo(a)anthracene	21.80	228	1537014	80.577	ng	97
82) 3,3'-Dichlorobenzidine	21.72	252	576078	81.449	ng	98
83) Chrysene	21.87	228	1467398	80.812	ng	96
84) Bis(2-ethylhexyl)phthalate	21.67	149	922845	76.306	ng	100
85) Di-n-octyl phthalate	22.93	149	1550758	77.613	ng	99
86) Indeno(1,2,3-cd)pyrene	29.11	276	1826089	93.731	ng	97
88) Benzo(b)fluoranthene	24.12	252	1581676	86.977	ng	98
89) Benzo(k)fluoranthene	24.19	252	1414161	77.457	ng	99
90) Benzo(a)pyrene	25.05	252	1474454	84.189	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	1433132	87.379	ng	99
92) Benzo(g,h,i)perylene	30.33	276	1473646	90.144	ng	98

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

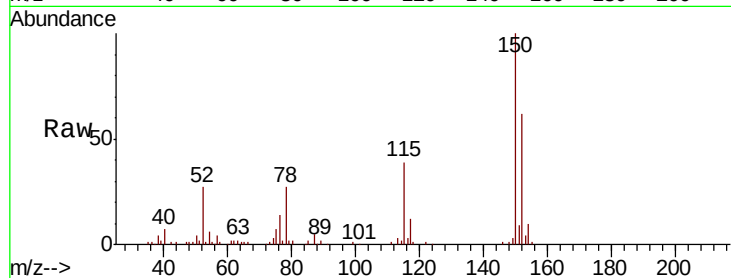


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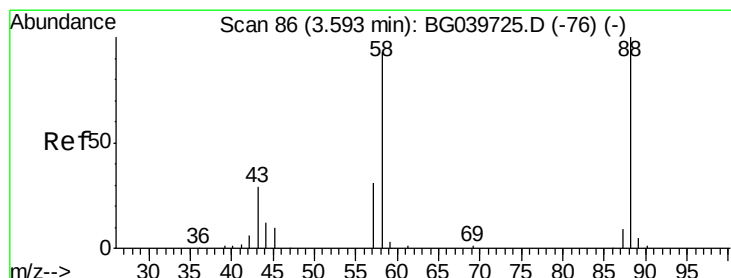
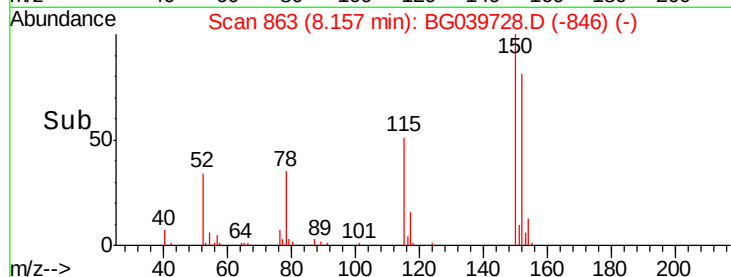
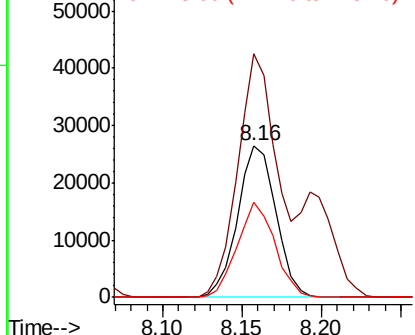
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44313
Ion Ratio Lower Upper
152 100
150 160.7 118.2 177.4
115 62.9 50.0 75.0



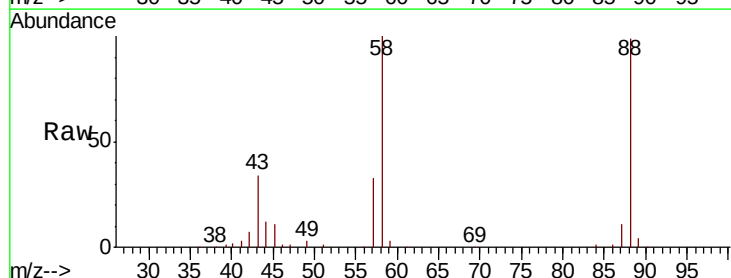
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



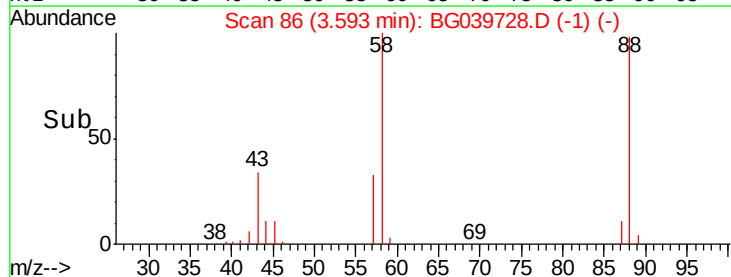
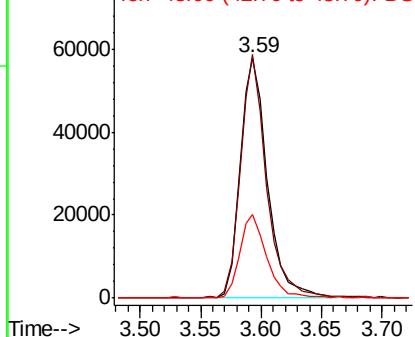
#2

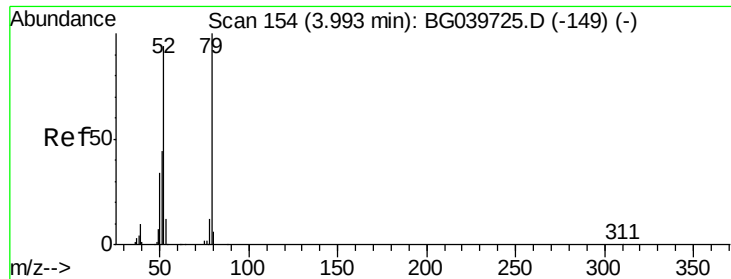
1,4-Dioxane
Concen: 80.176 ng
RT: 3.59 min Scan# 86
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion: 88 Resp: 90803
Ion Ratio Lower Upper
88 100
58 97.4 78.1 117.1
43 34.7 25.9 38.9



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





#3

Pvridine

Concen: 83.778 ng

RT: 4.00 min Scan# 155

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

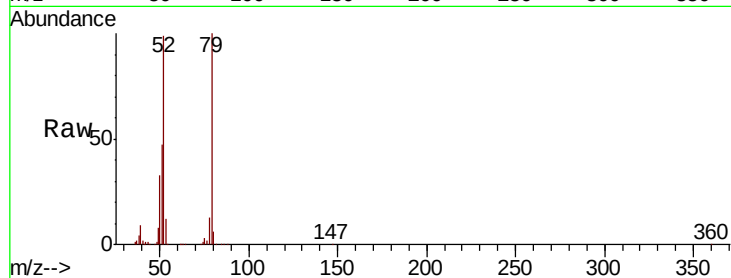
Tot Ion: 79 Resp: 251211

Ion Ratio Lower Upper

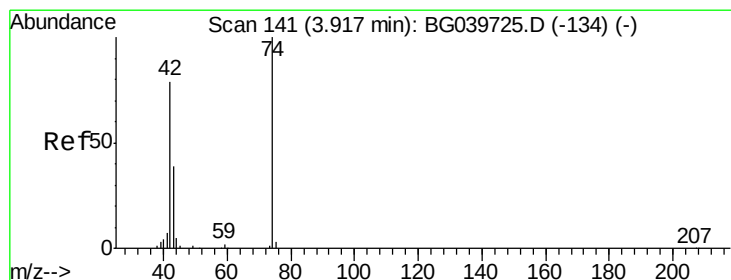
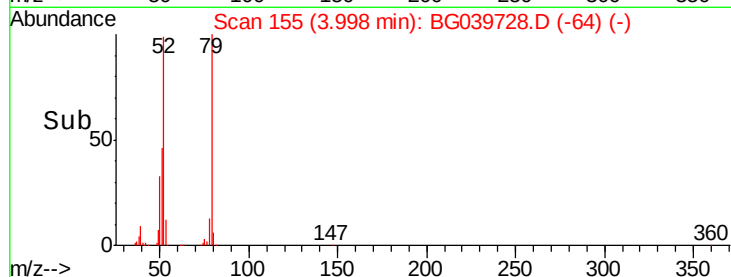
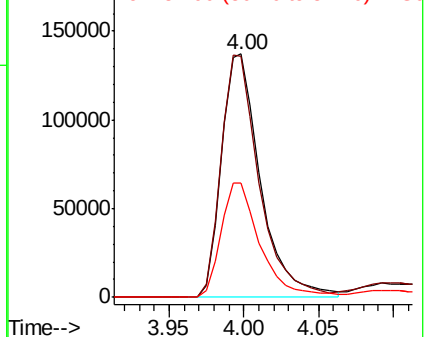
79 100

52 99.0 75.4 113.2

51 46.8 35.7 53.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 87.007 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

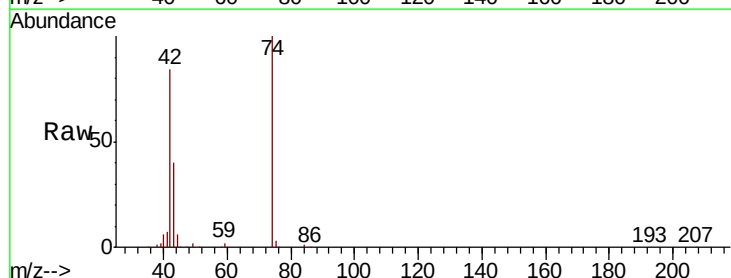
Tgt Ion: 42 Resp: 130476

Ion Ratio Lower Upper

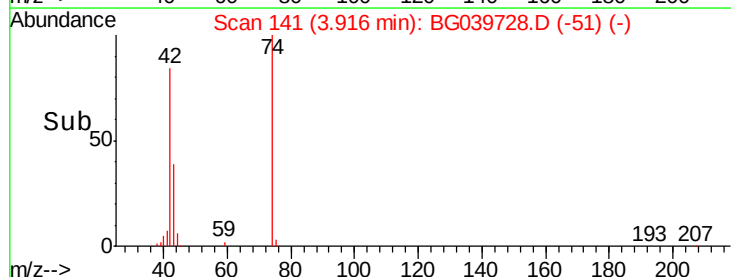
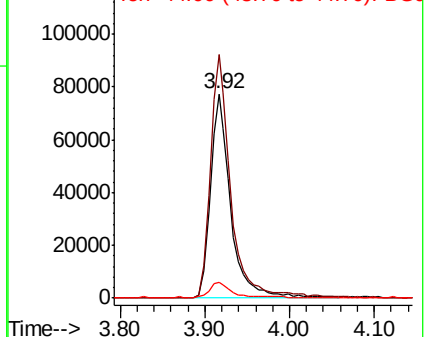
42 100

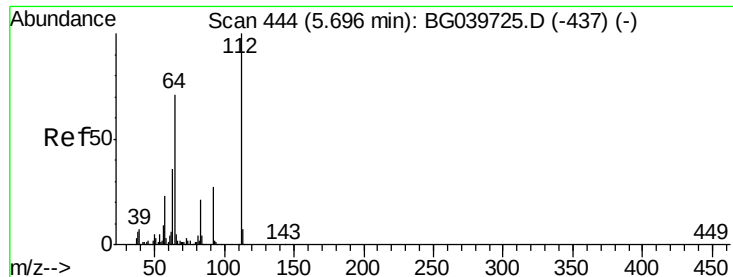
74 119.2 101.0 151.6

44 7.5 6.2 9.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 163.721 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

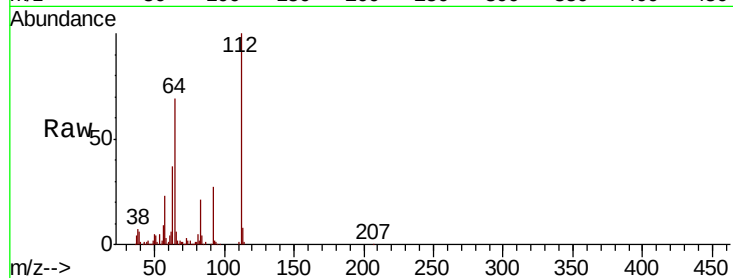
Tot Ion:112 Resp: 423892

Ion Ratio Lower Upper

112 100

64 69.2 56.6 85.0

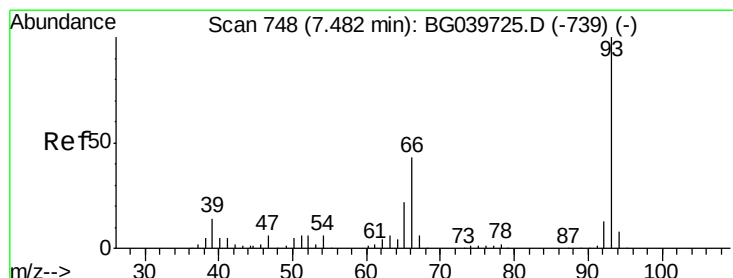
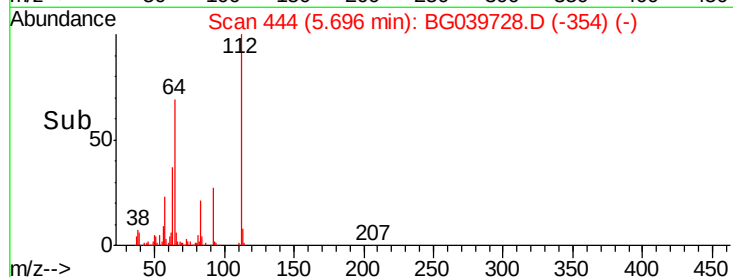
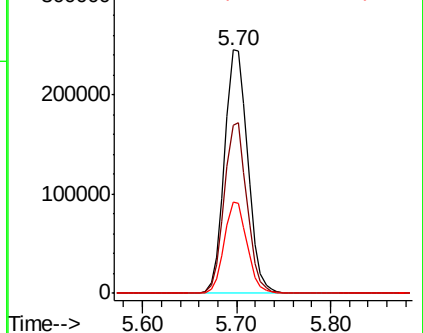
63 37.5 28.6 43.0



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: 85.310 ng

RT: 7.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

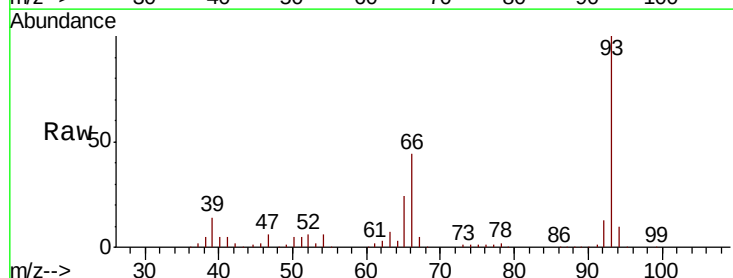
Tgt Ion: 93 Resp: 407246

Ion Ratio Lower Upper

93 100

66 44.2 34.5 51.7

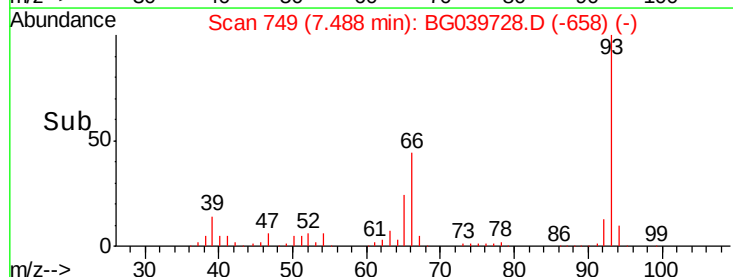
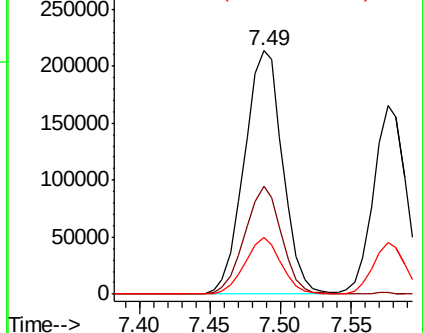
65 23.6 17.5 26.3

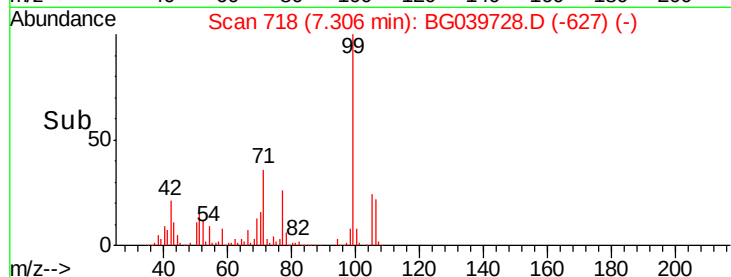
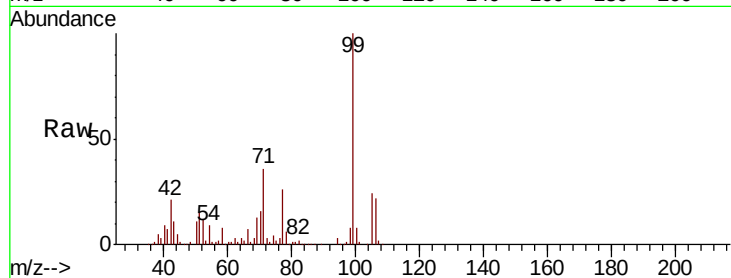
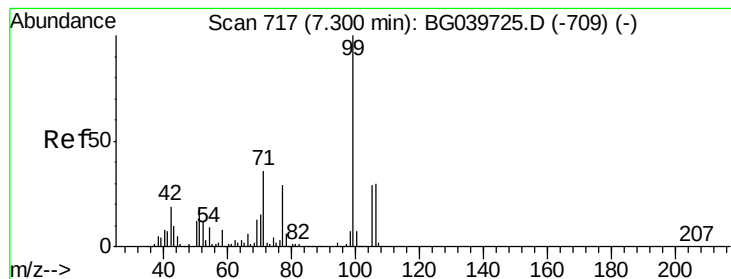


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 163.015 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampled :

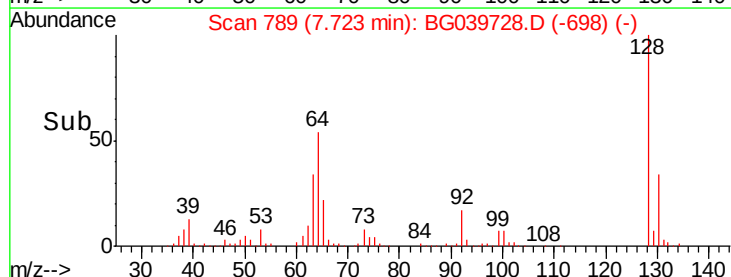
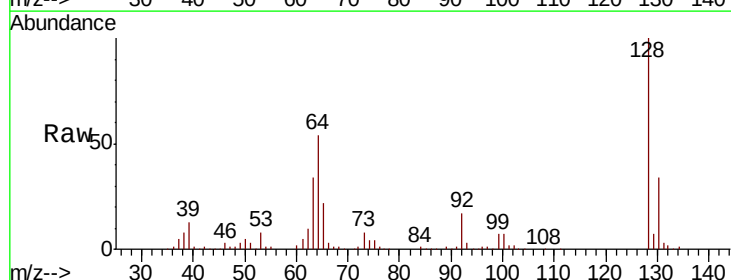
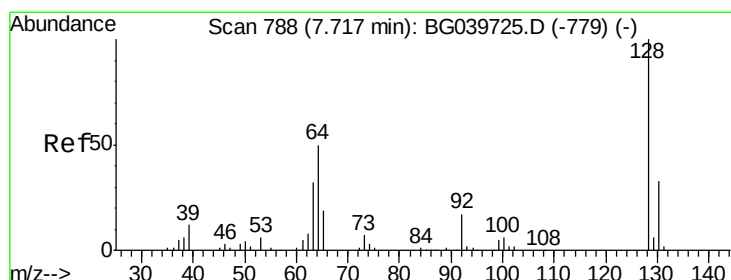
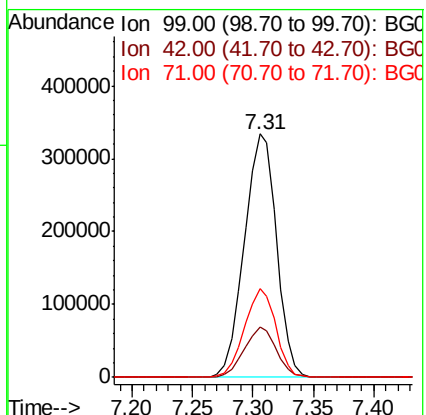
Tot Ion: 99 Resp: 621270

Ion Ratio Lower Upper

99 100

42 20.8 15.1 22.7

71 36.2 28.5 42.7



#8

2-Chlorophenol

Concen: 89.598 ng

RT: 7.72 min Scan# 789

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

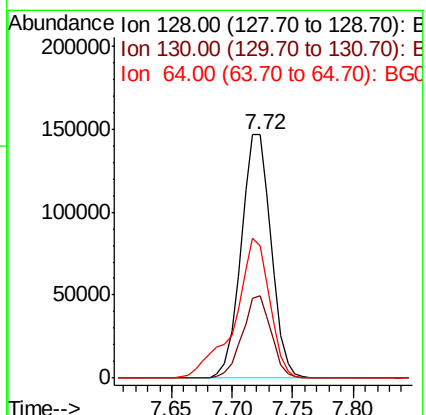
Tgt Ion:128 Resp: 253576

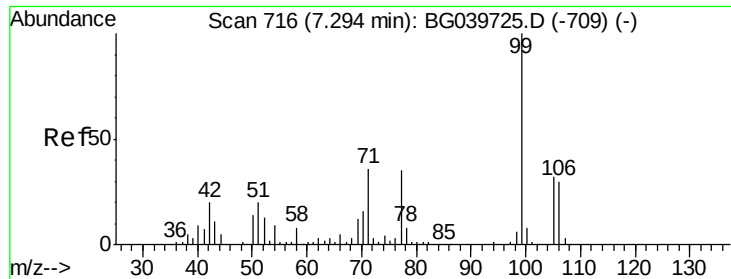
Ion Ratio Lower Upper

128 100

130 33.6 12.9 52.9

64 54.3 33.3 73.3





#9

Benzaldehyde

Concen: 80.303 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

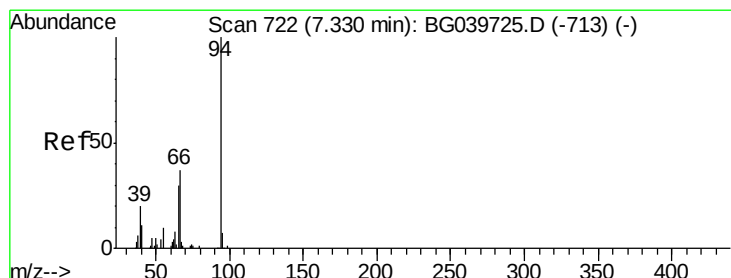
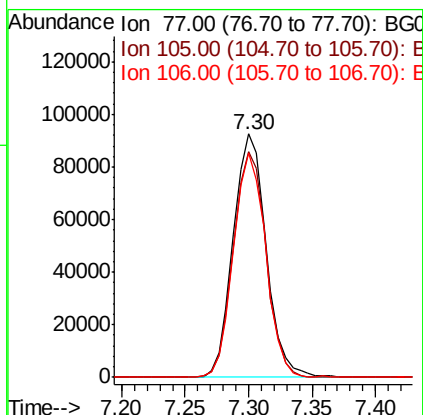
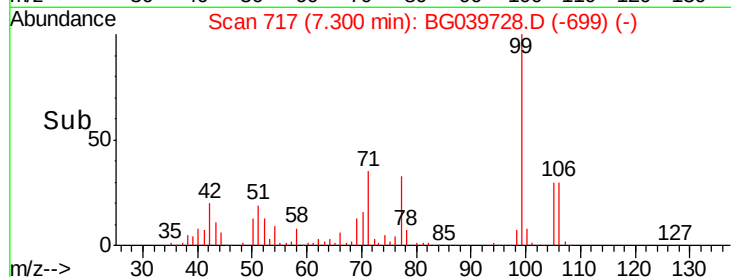
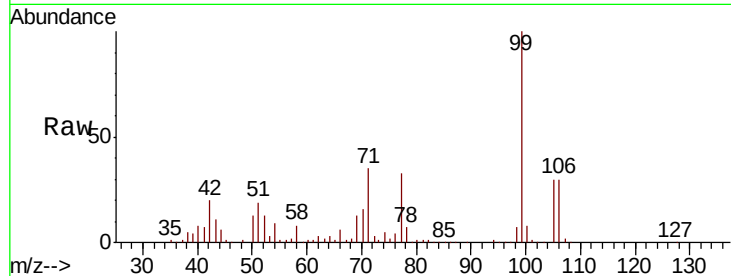
Tot Ion: 77 Resp: 166871

Ion Ratio Lower Upper

77 100

105 92.7 71.7 111.7

106 91.9 65.1 105.1



#10

Phenol

Concen: 85.408 ng

RT: 7.34 min Scan# 723

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

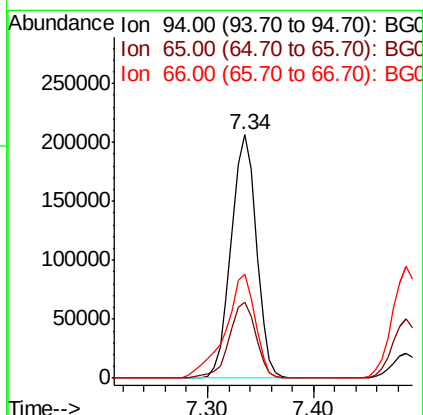
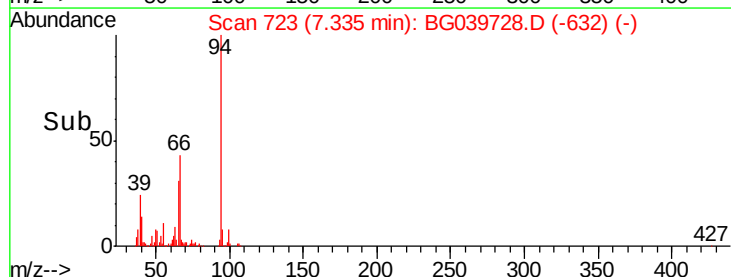
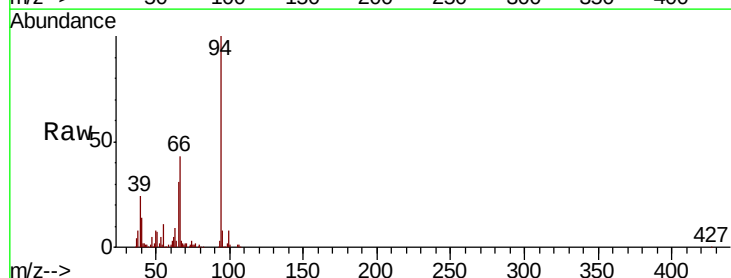
Tgt Ion: 94 Resp: 339309

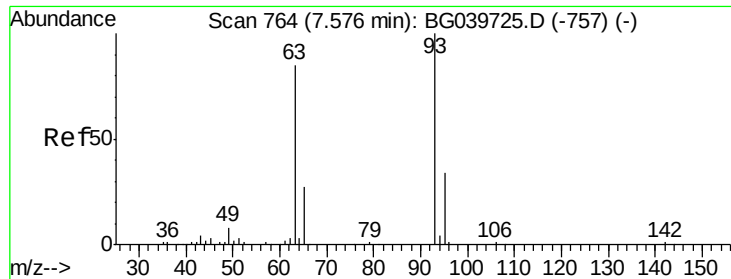
Ion Ratio Lower Upper

94 100

65 31.2 10.0 50.0

66 42.7 18.1 58.1

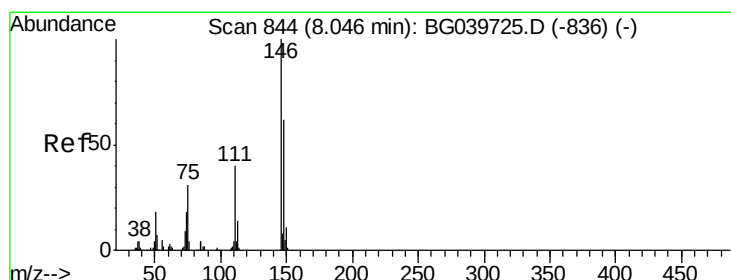
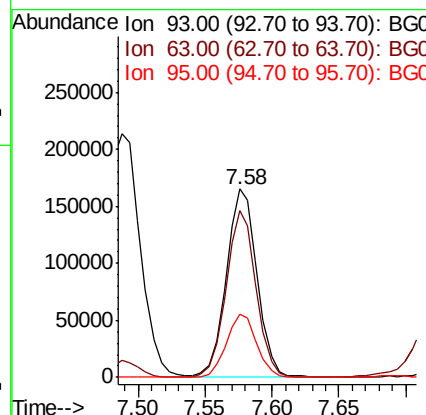
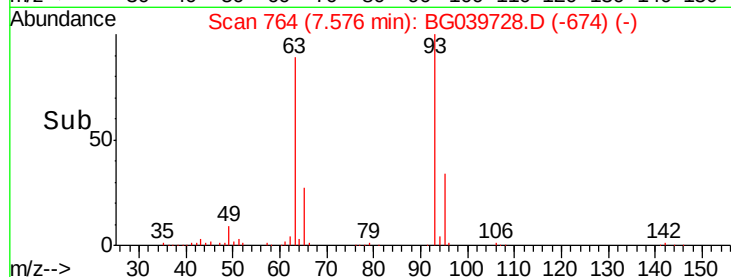
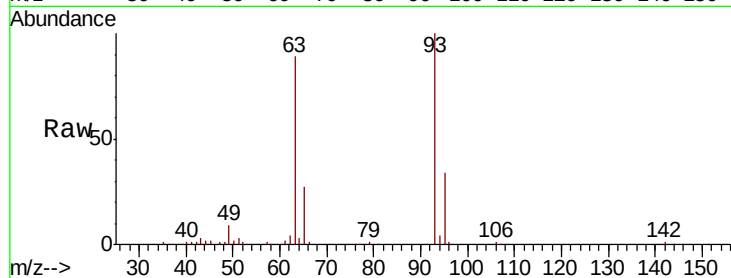




#11
 bis(2-Chloroethyl)ether
 Concen: 85.021 ng
 RT: 7.58 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

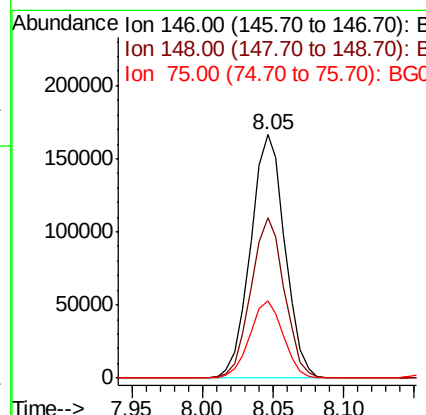
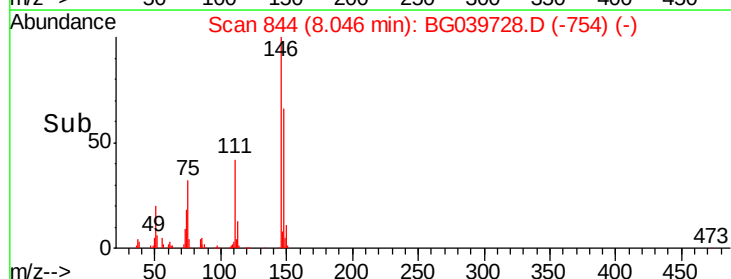
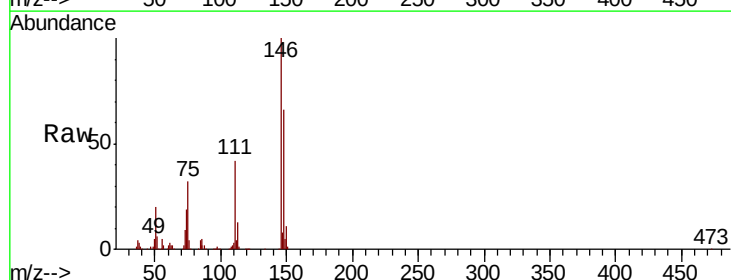
Instrument :
 BNA_G
 ClientSampleId :

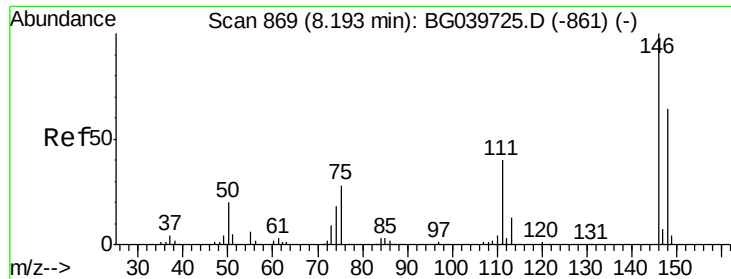
Tot Ion: 93 Resp: 266900
 Ion Ratio Lower Upper
 93 100
 63 88.9 64.4 104.4
 95 33.7 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 82.506 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion: 146 Resp: 282871
 Ion Ratio Lower Upper
 146 100
 148 65.9 49.3 73.9
 75 31.8 25.2 37.8

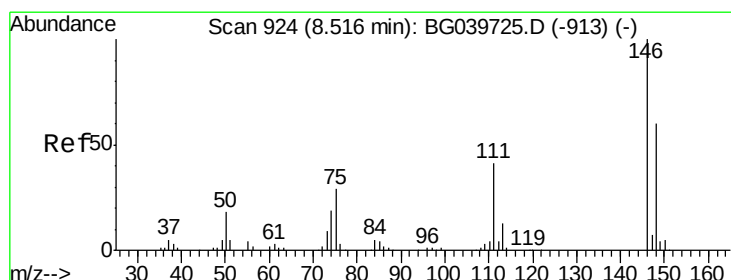
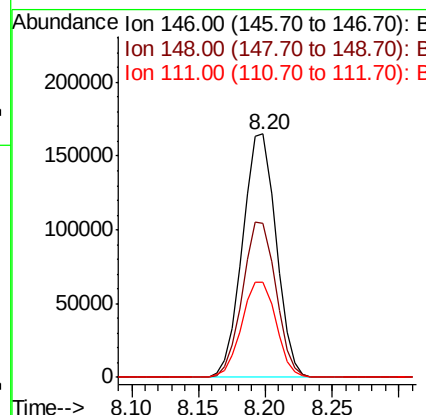
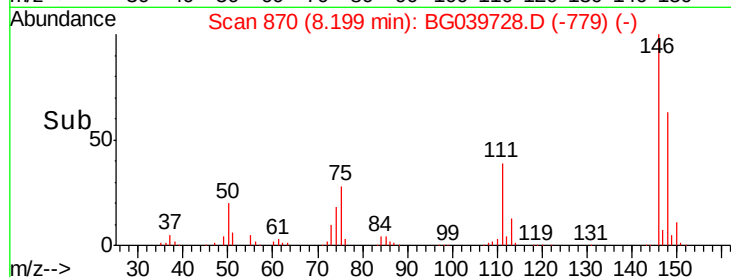
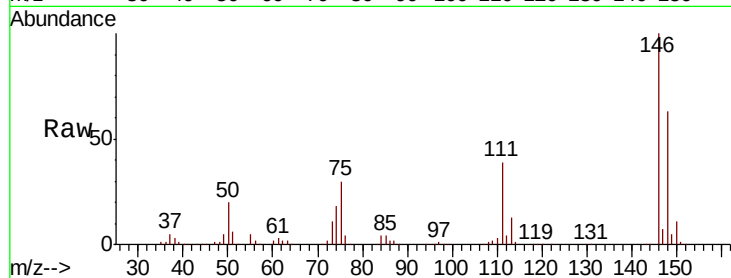




#13
 1,4-Dichlorobenzene
 Concen: 83.925 ng
 RT: 8.20 min Scan# 870
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

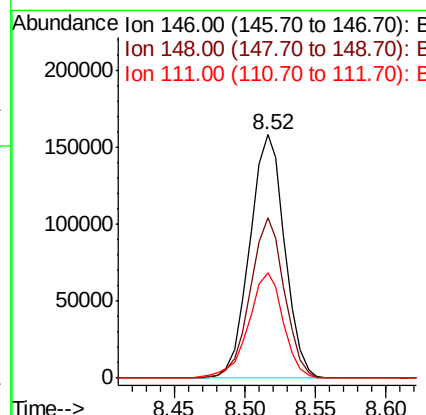
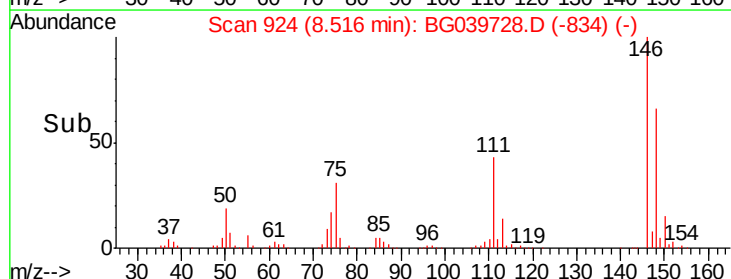
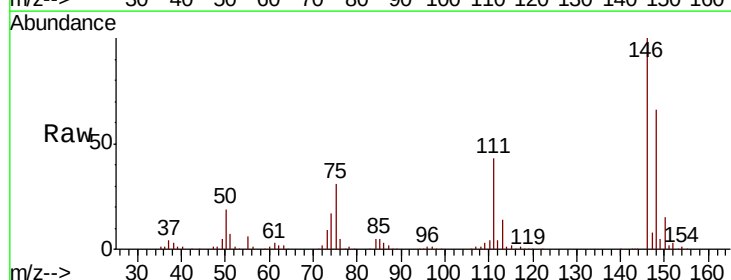
Instrument :
 BNA_G
 ClientSampleId :

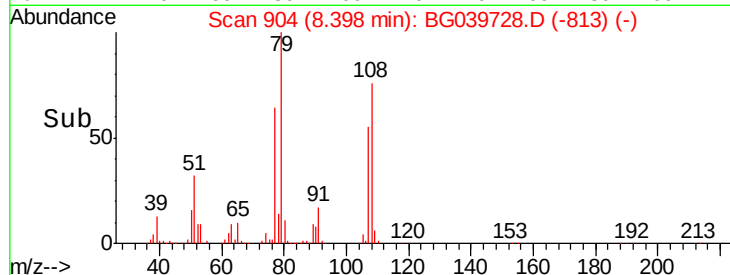
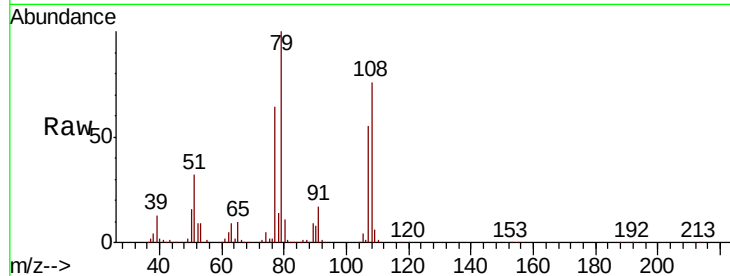
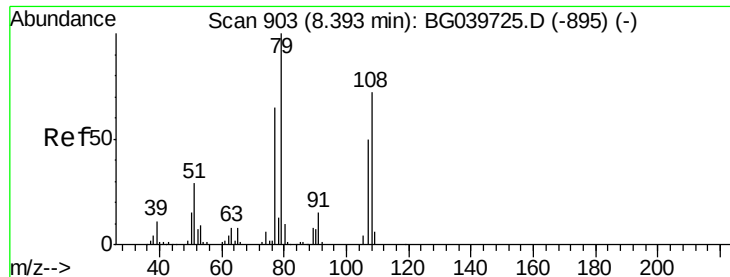
Tot Ion:146 Resp: 286792
 Ion Ratio Lower Upper
 146 100
 148 63.5 51.5 77.3
 111 38.9 31.8 47.8



#14
 1,2-Dichlorobenzene
 Concen: 82.591 ng
 RT: 8.52 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion:146 Resp: 273224
 Ion Ratio Lower Upper
 146 100
 148 65.7 48.3 72.5
 111 43.0 33.1 49.7

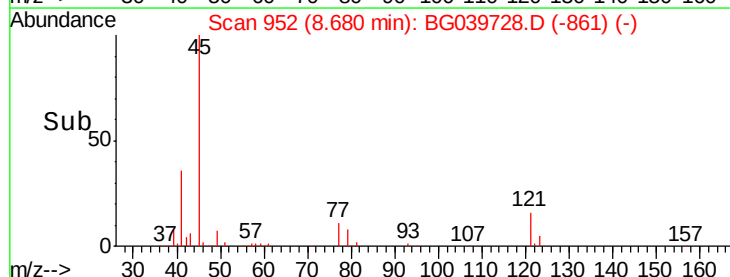
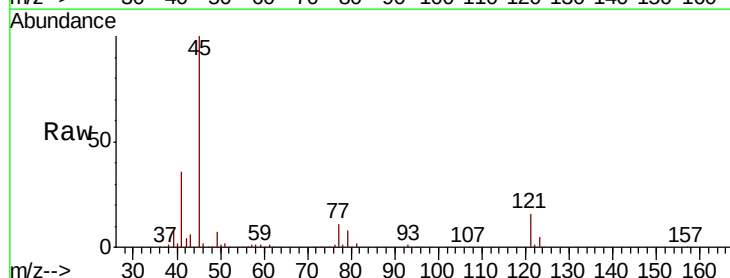
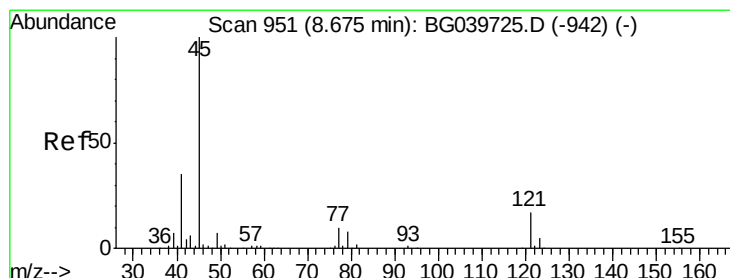
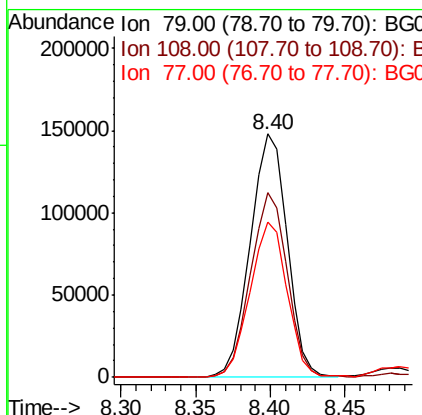




#15
Benzyl Alcohol
Concen: 84.624 ng
RT: 8.40 min Scan# 904
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

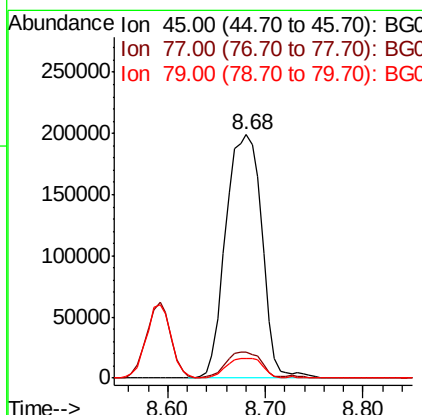
Instrument :
BNA_G
ClientSampleId :

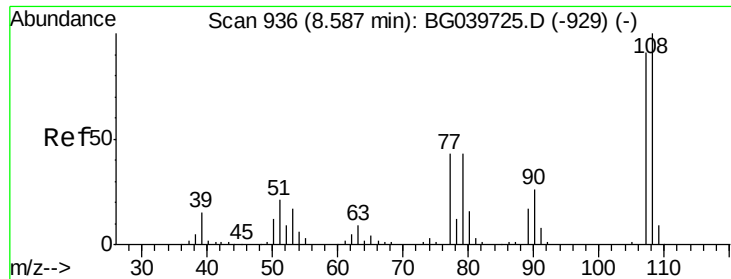
Tot Ion: 79 Resp: 253199
Ion Ratio Lower Upper
79 100
108 75.7 57.4 86.2
77 63.9 51.9 77.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 72.102 ng
RT: 8.68 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion: 45 Resp: 511140
Ion Ratio Lower Upper
45 100
77 10.9 0.0 30.6
79 8.2 0.0 28.1

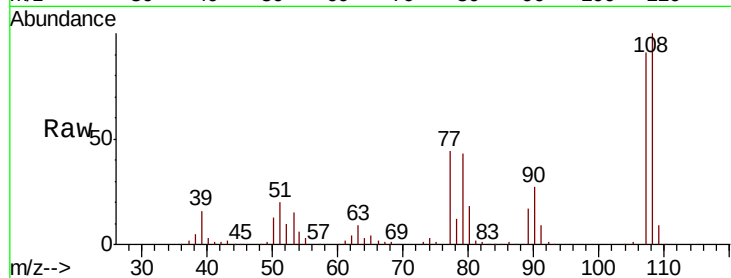




#17
2-Methylphenol
Concen: 86.128 ng
RT: 8.59 min Scan# 937
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.5	132.7
77	48.9	37.8	56.8
79	47.1	38.2	57.2



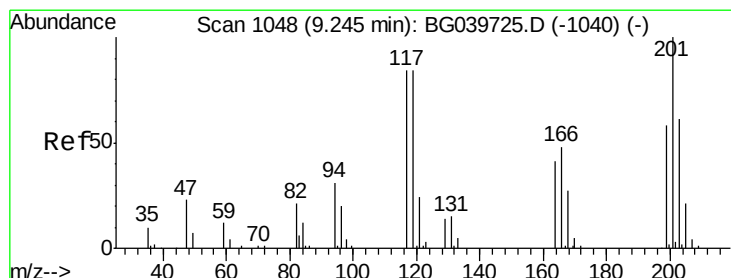
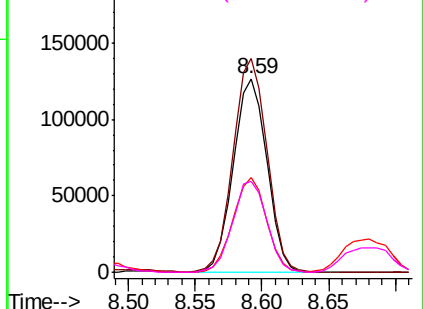
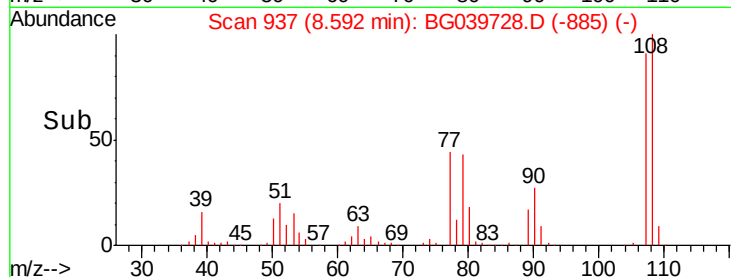
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

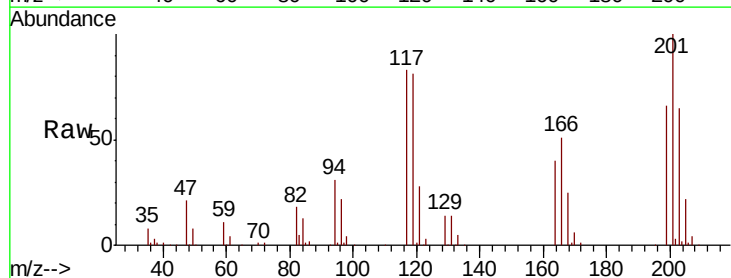
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 90.066 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	80.2	120.4
201	119.8	95.1	142.7

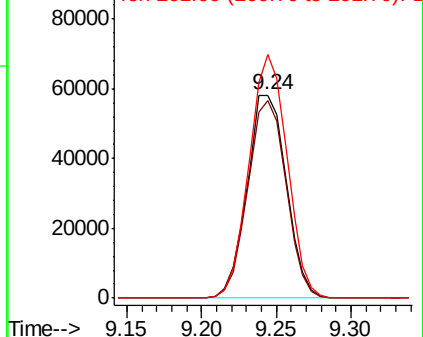
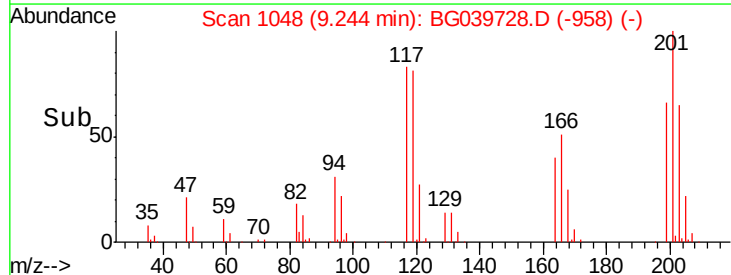


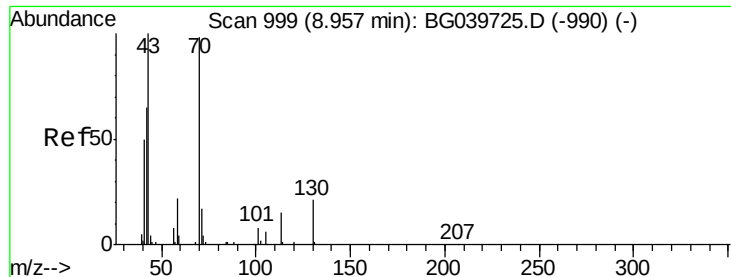
Abundance

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: 81.213 ng

RT: 8.97 min Scan# 1001

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

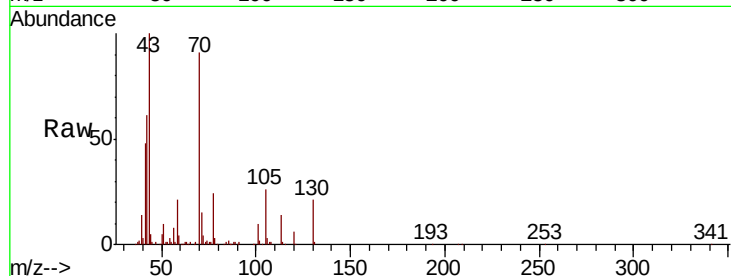
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 219678

Ion Ratio Lower Upper

70	100		
42	66.4	53.4	80.2
101	10.6	6.9	10.3
130	23.2	17.4	26.0



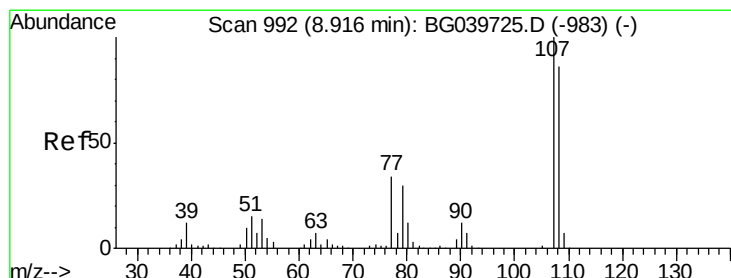
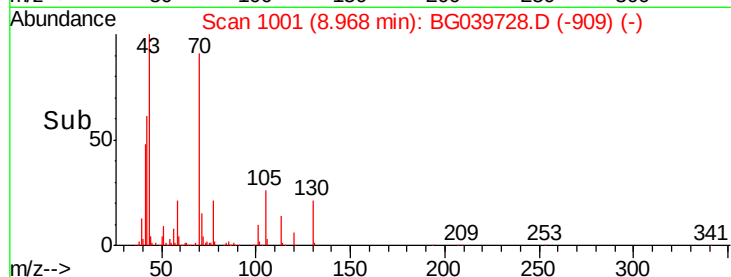
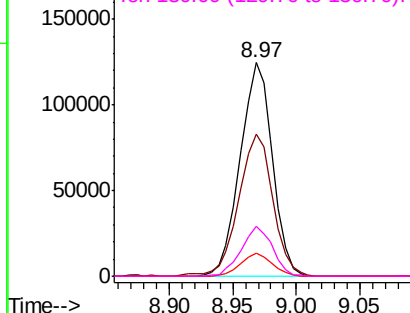
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 86.459 ng

RT: 8.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion: 107 Resp: 306090

Ion Ratio Lower Upper

107	100		
108	88.0	66.3	106.3
77	36.1	13.8	53.8
79	32.4	10.0	50.0

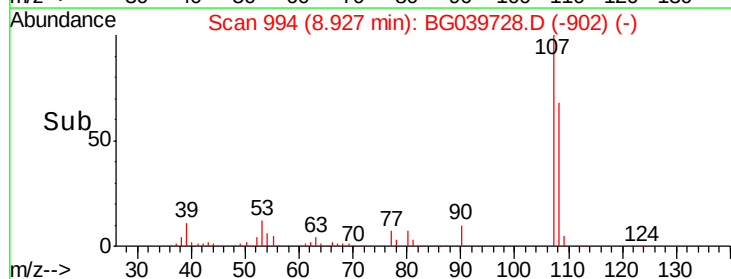
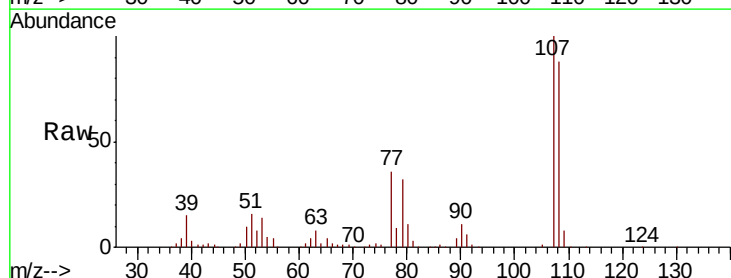
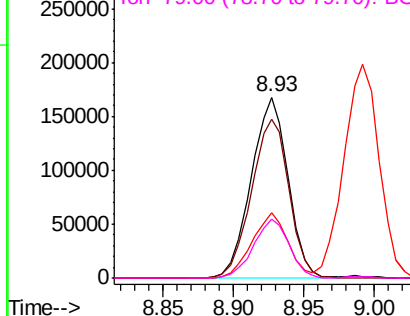
Abundance

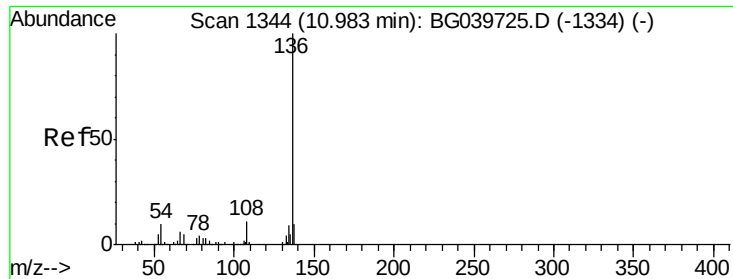
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

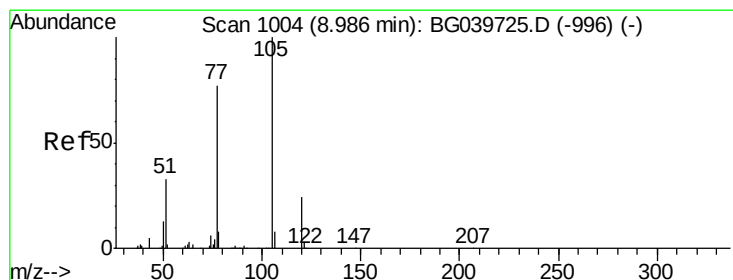
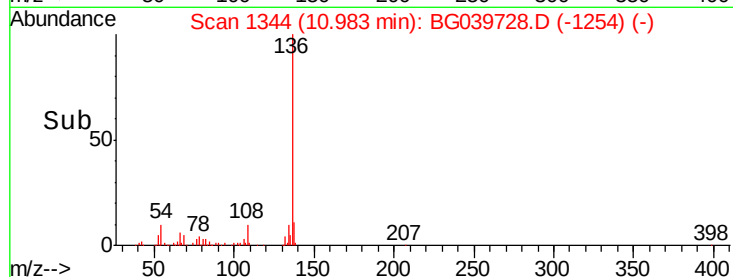
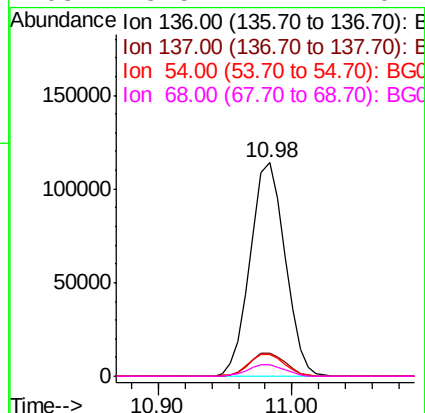
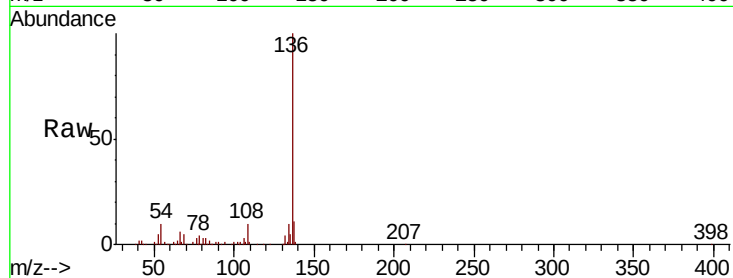




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

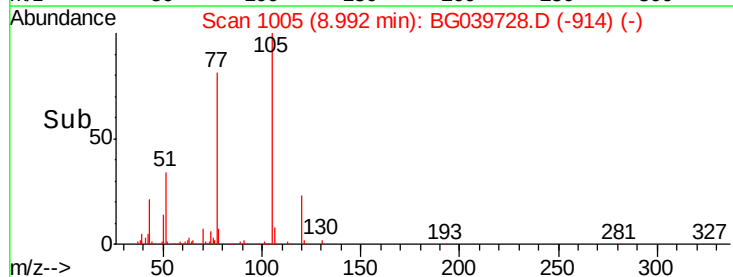
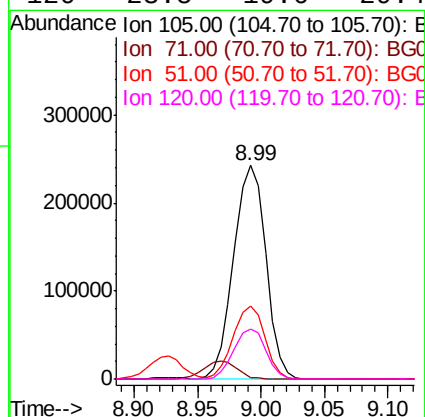
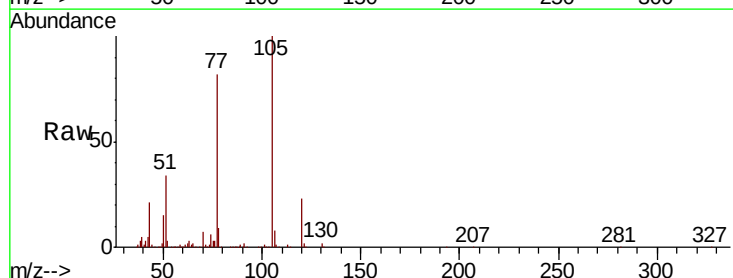
Instrument :
BNA_G
ClientSampleId :

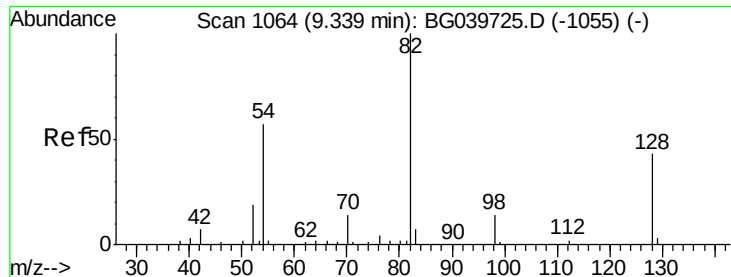
Tot Ion:136	Resp:	206271
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.4	12.6
54 10.1	8.2	12.4
68 5.5	4.2	6.4



#22
Acetophenone
Concen: 77.354 ng
RT: 8.99 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt	Ion:105	Resp:	428600
Ion	Ratio	Lower	Upper
105	100		
71	0.9	0.5	0.7#
51	34.2	28.4	42.6
120	23.5	19.6	29.4

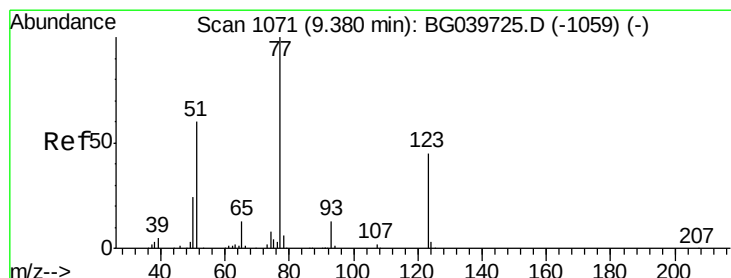
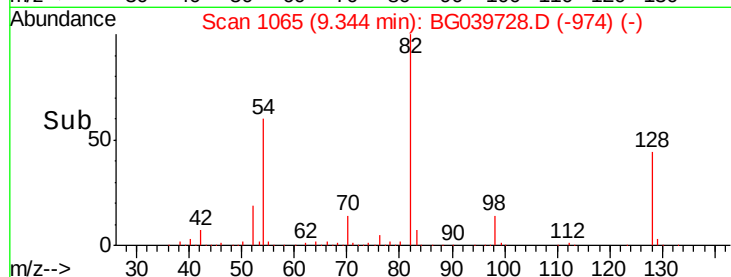
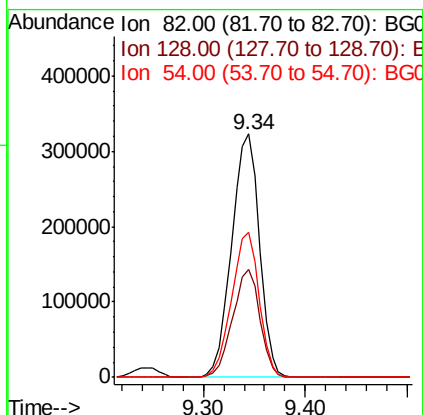
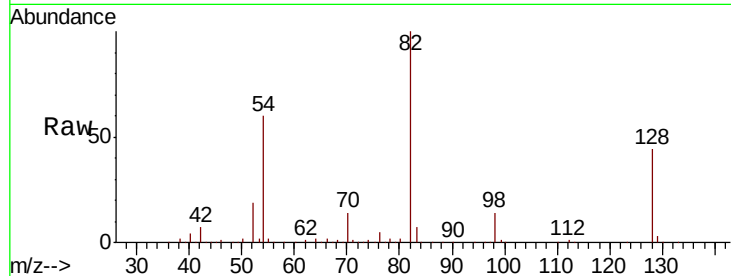




#23
Nitrobenzene-d5
Concen: 186.167 ng
RT: 9.34 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

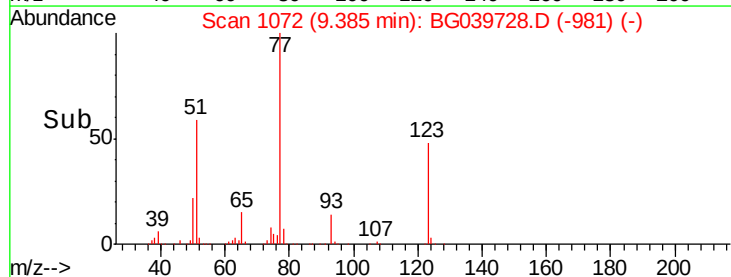
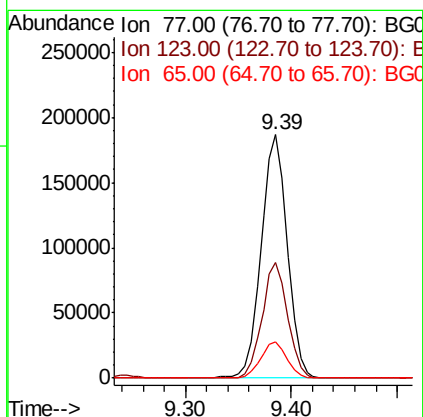
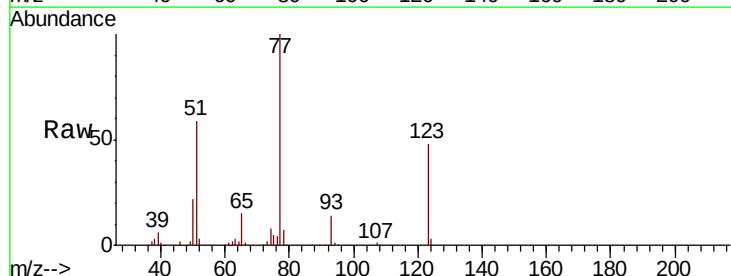
Instrument :
BNA_G
ClientSampled :

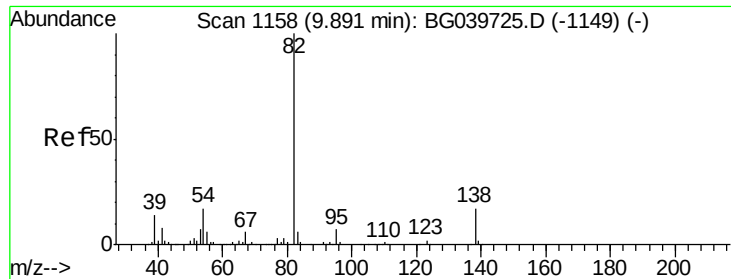
Tot Ion: 82 Resp: 614692
Ion Ratio Lower Upper
82 100
128 44.1 34.4 51.6
54 59.7 45.7 68.5



#24
Nitrobenzene
Concen: 89.617 ng
RT: 9.39 min Scan# 1072
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion: 77 Resp: 319669
Ion Ratio Lower Upper
77 100
123 47.7 36.2 54.2
65 14.8 10.9 16.3

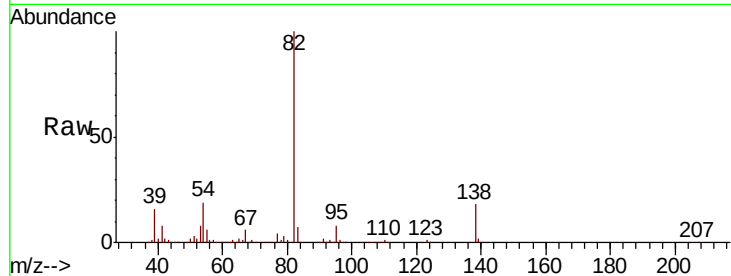




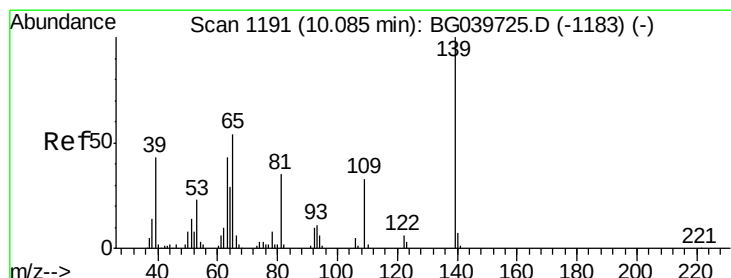
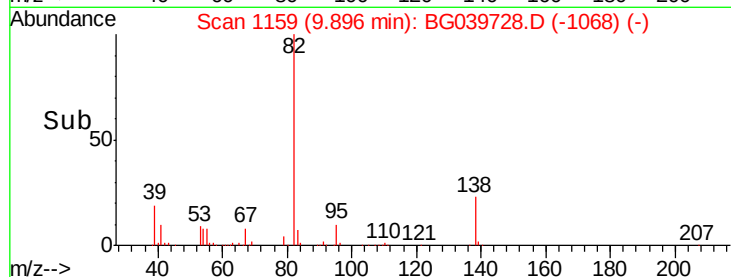
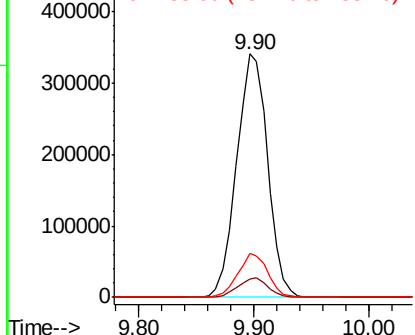
#25
Isophorone
Concen: 86.494 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 632864
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 18.0 13.5 20.3

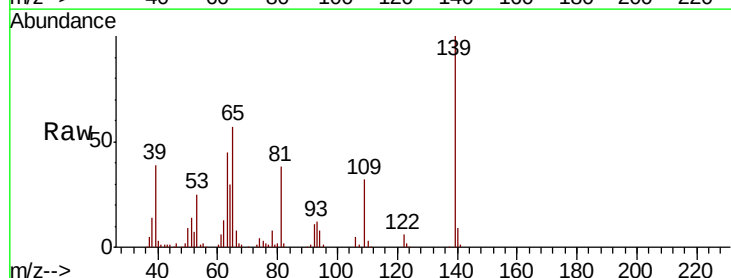


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

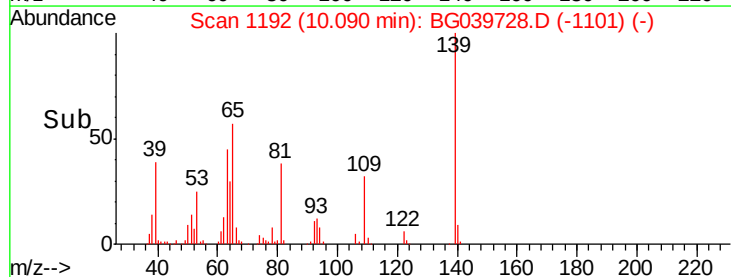
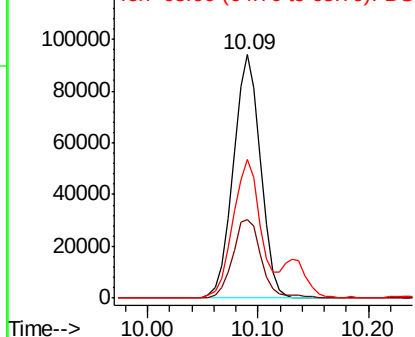


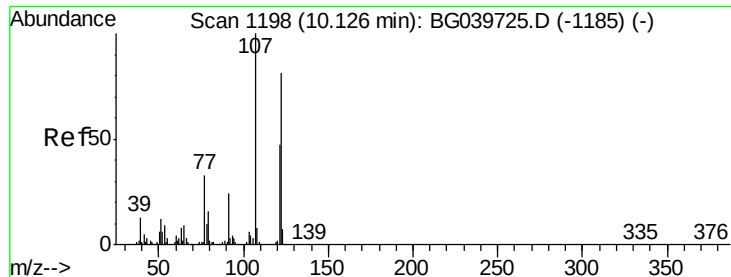
#26
2-Nitrophenol
Concen: 124.196 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion: 139 Resp: 162270
Ion Ratio Lower Upper
139 100
109 32.3 26.3 39.5
65 57.1 43.0 64.6



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

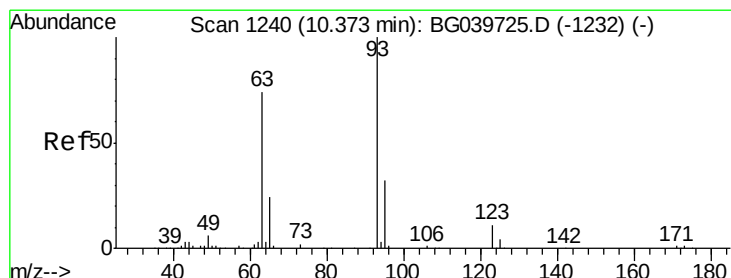
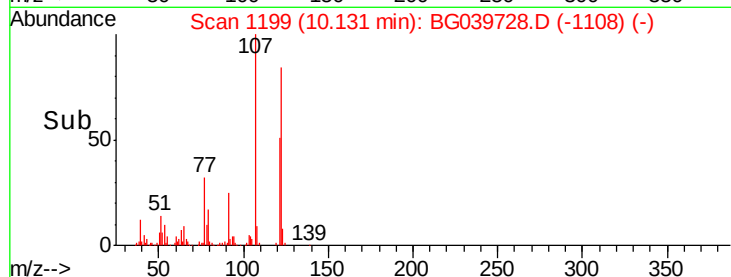
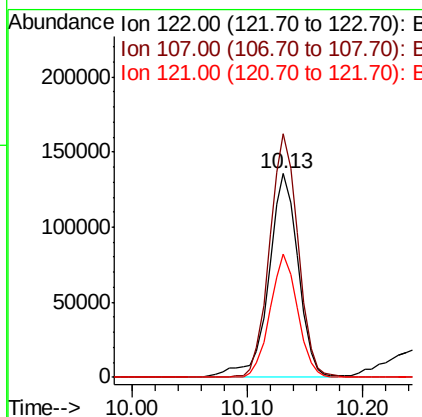
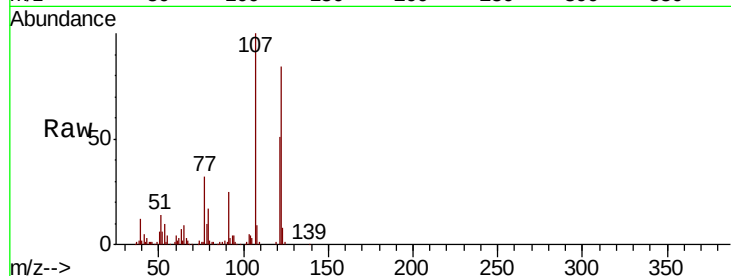




#27
2,4-Dimethylphenol
Concen: 81.631 ng
RT: 10.13 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

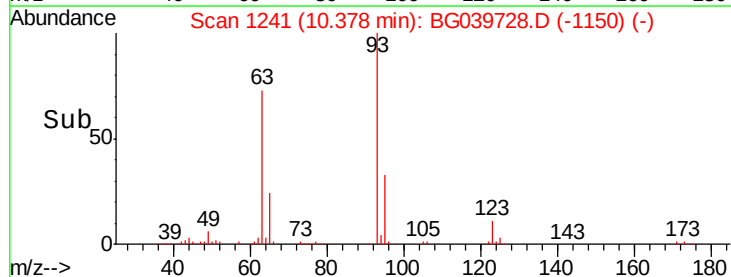
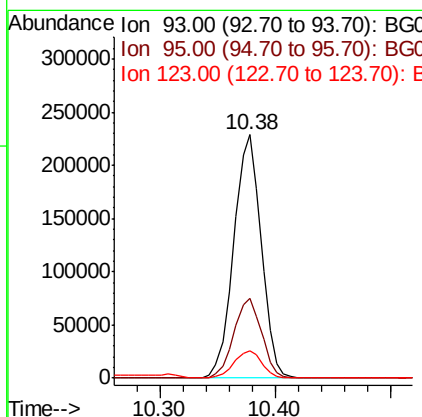
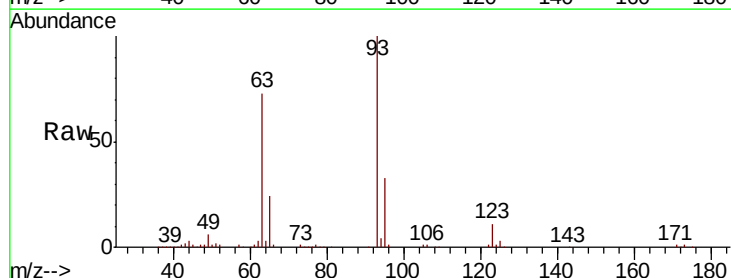
Instrument :
BNA_G
ClientSampleId :

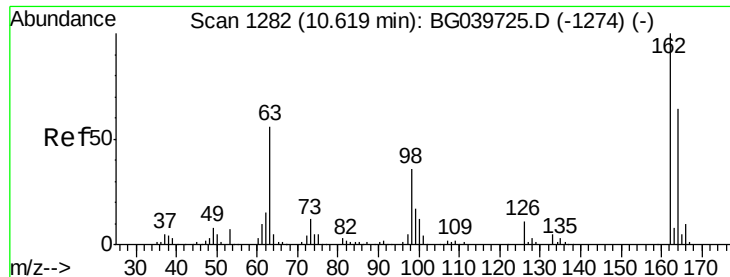
Tot Ion	Ratio	Lower	Upper
122	100		
107	119.6	98.7	148.1
121	60.6	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 83.353 ng
RT: 10.38 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.8	38.8
123	11.3	8.9	13.3





#29

2,4-Dichlorophenol

Concen: 87.390 ng

RT: 10.62 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

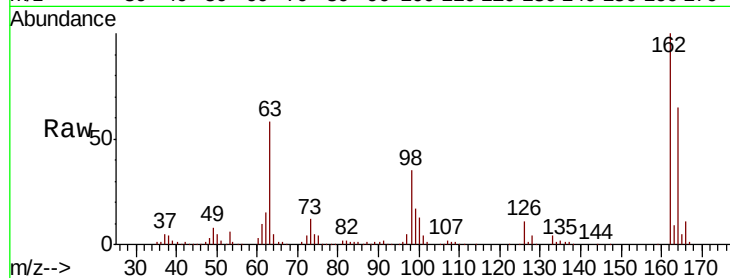
Tot Ion:162 Resp: 282698

Ion Ratio Lower Upper

162 100

164 64.8 44.4 84.4

98 35.1 15.5 55.5

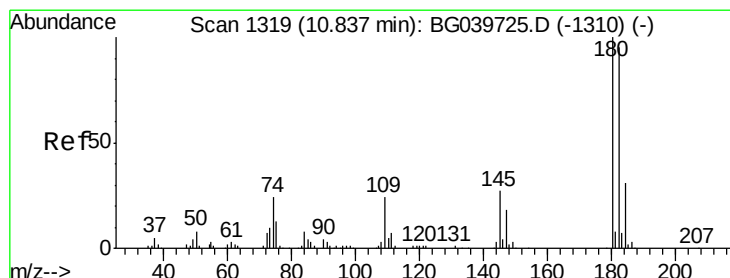
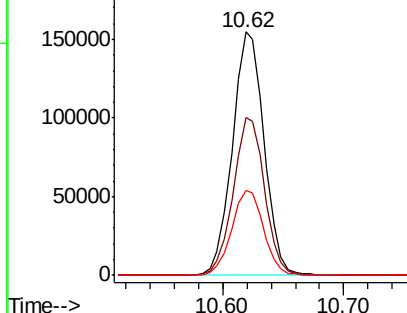
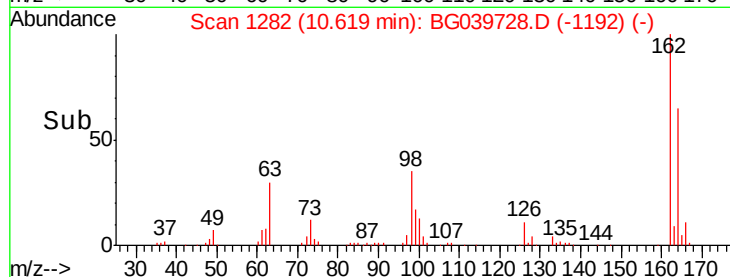


Abundance

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: 82.887 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

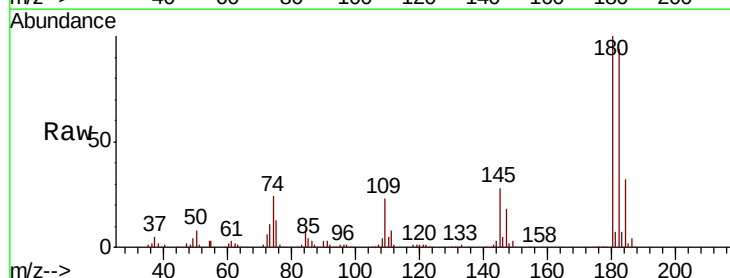
Tgt Ion:180 Resp: 301031

Ion Ratio Lower Upper

180 100

182 94.2 75.7 113.5

145 27.8 21.9 32.9

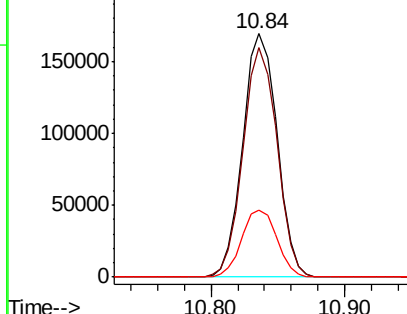
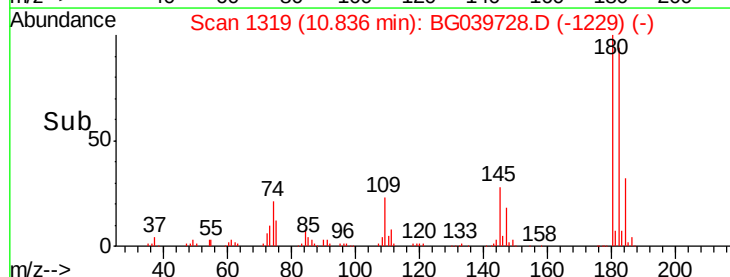


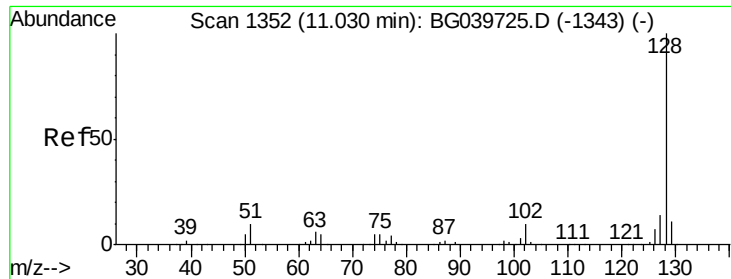
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

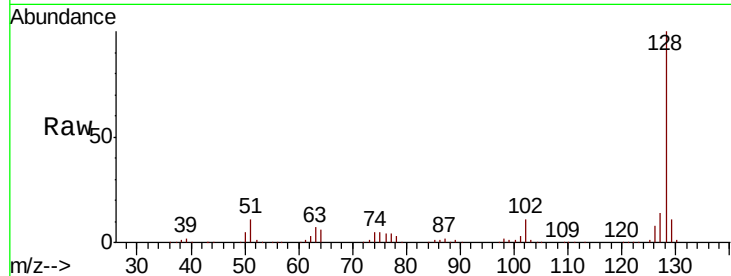




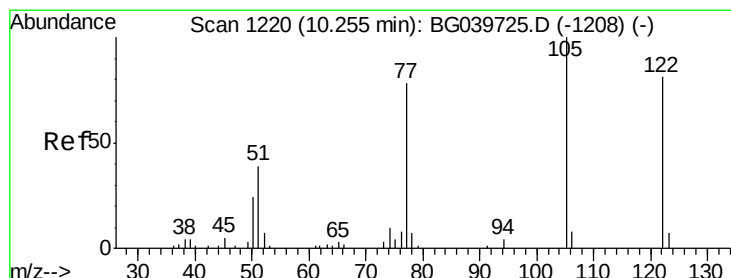
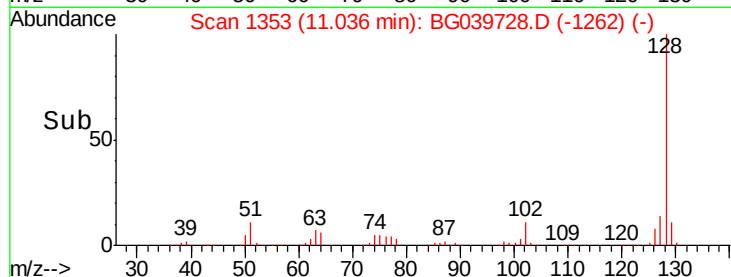
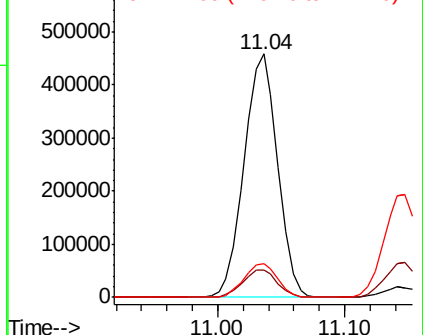
#31
Naphthalene
Concen: 82.030 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 839406
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.0 11.5 17.3

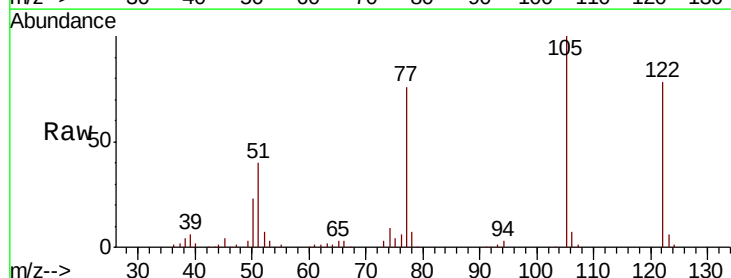


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

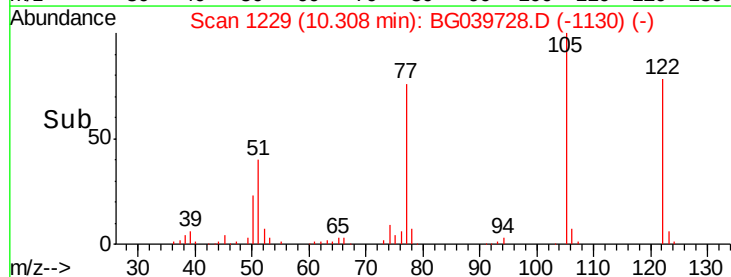
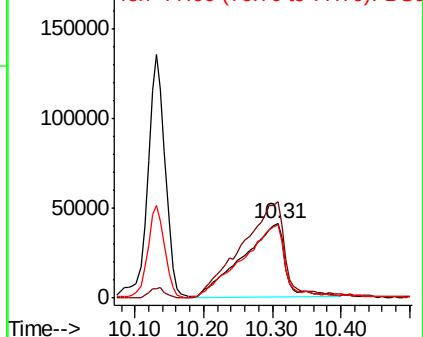


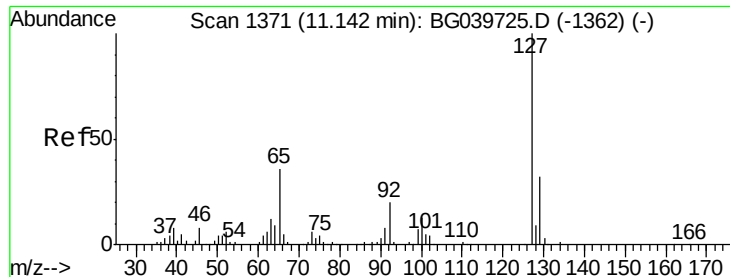
#32
Benzoic acid
Concen: 105.507 ng
RT: 10.31 min Scan# 1229
Delta R.T. 0.05 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:122 Resp: 177444
Ion Ratio Lower Upper
122 100
105 128.8 103.3 143.3
77 98.4 76.5 116.5



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

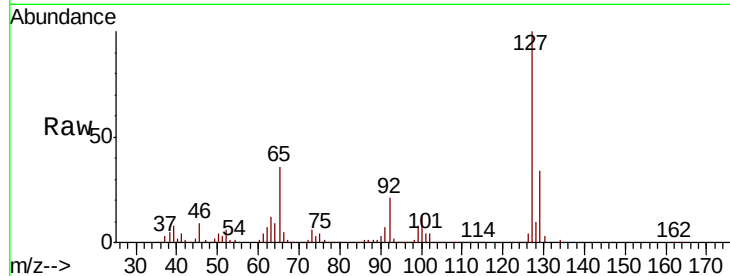




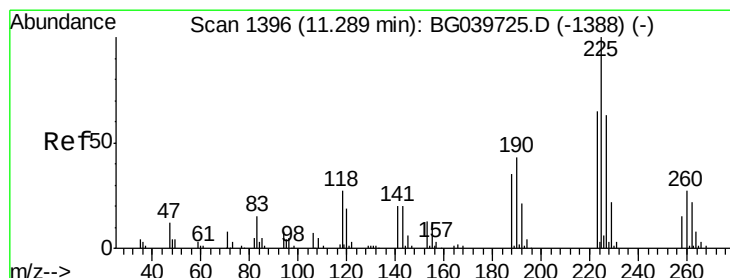
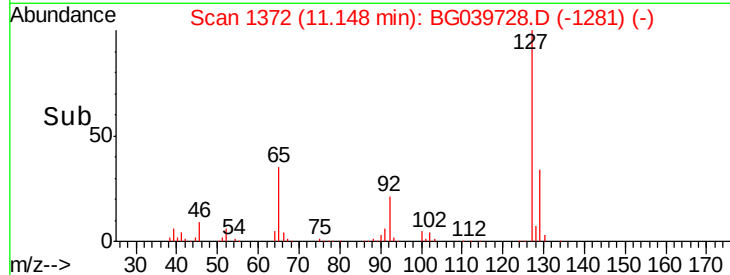
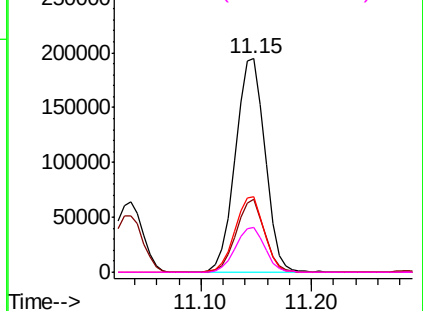
#33
4-Chloroaniline
Concen: 77.688 ng
RT: 11.15 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	368608
Ion	Ratio	Lower	Upper
127	100		
129	34.1	25.9	38.9
65	35.6	29.0	43.4
92	21.1	16.0	24.0

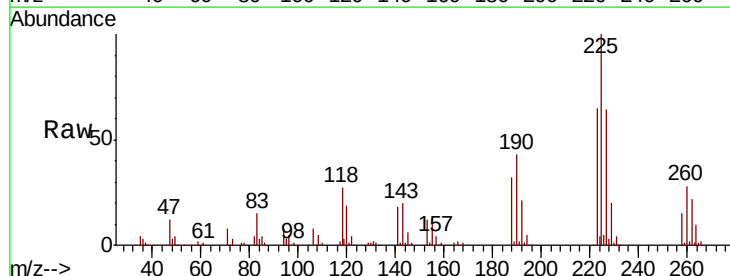


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

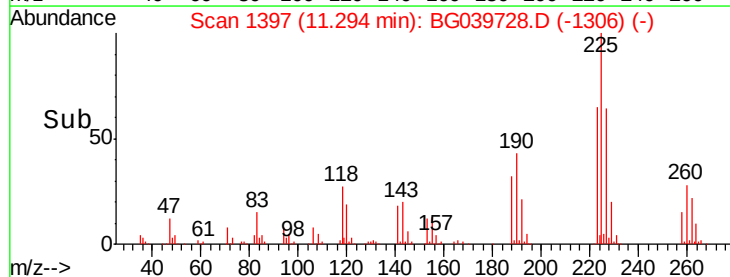
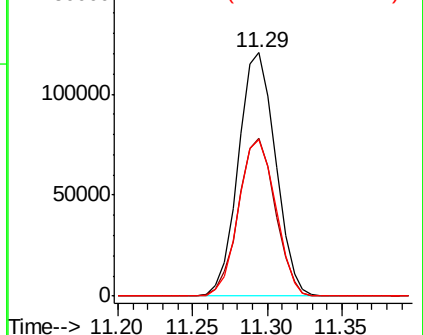


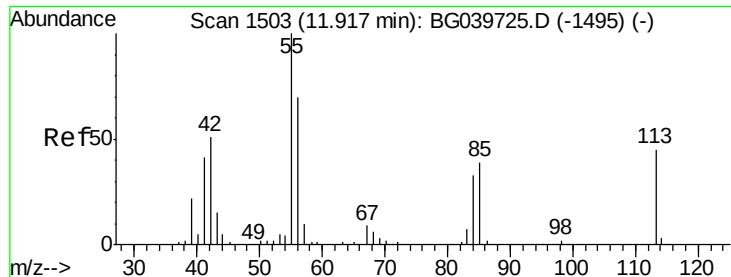
#34
Hexachlorobutadiene
Concen: 86.167 ng
RT: 11.29 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:	225	Resp:	208117
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.8	77.6
227	64.4	50.3	75.5



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

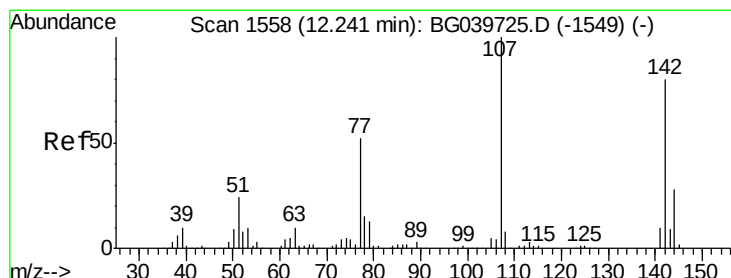
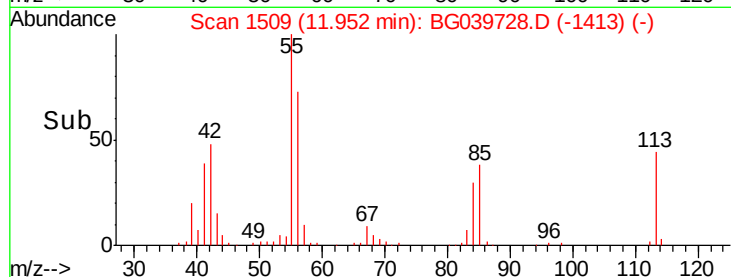
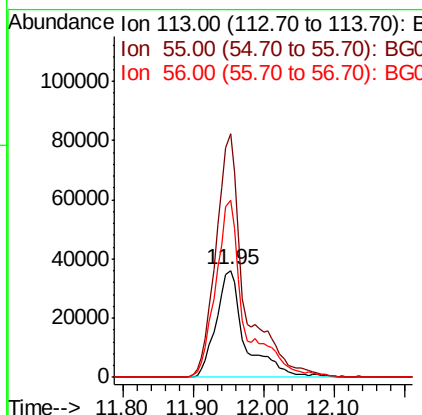
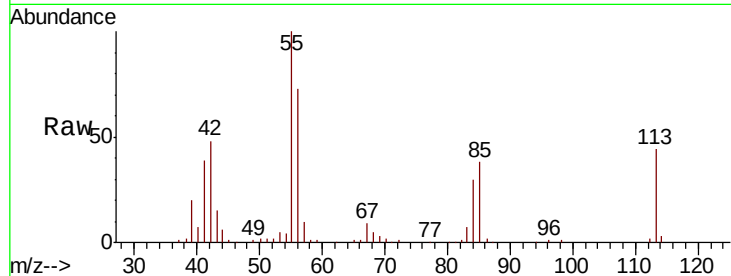




#35
 Caprolactam
 Concen: 77.519 ng
 RT: 11.95 min Scan# 1509
 Delta R.T. 0.03 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

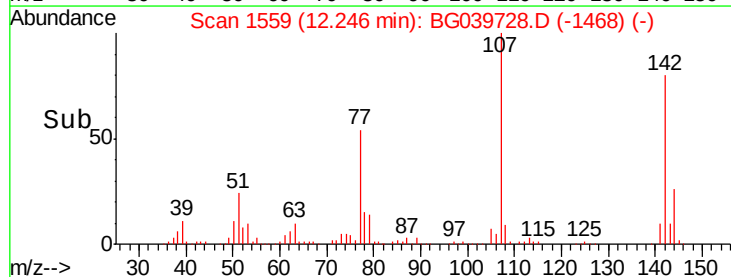
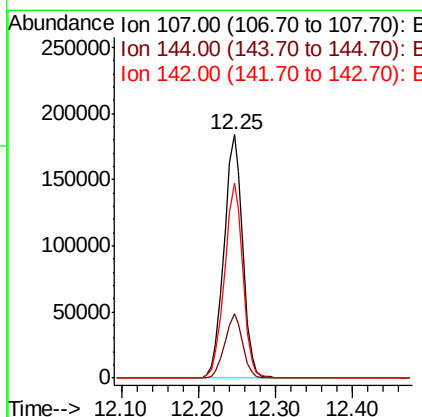
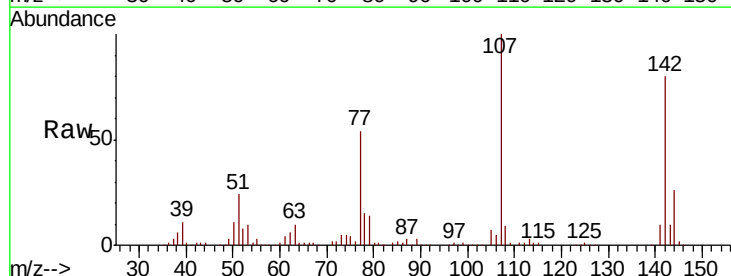
Instrument :
 BNA_G
 ClientSampleId :

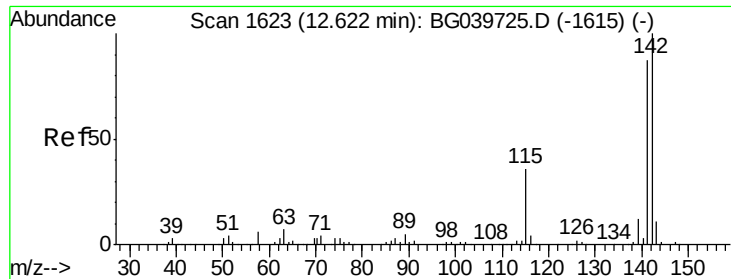
Tot Ion:113 Resp: 103769
 Ion Ratio Lower Upper
 113 100
 55 227.6 204.4 244.4
 56 165.7 138.2 178.2



#36
 4-Chloro-3-methylphenol
 Concen: 82.893 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion:107 Resp: 310116
 Ion Ratio Lower Upper
 107 100
 144 26.4 22.2 33.4
 142 79.9 64.2 96.2

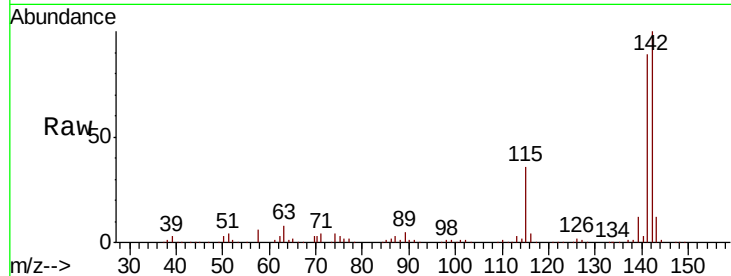




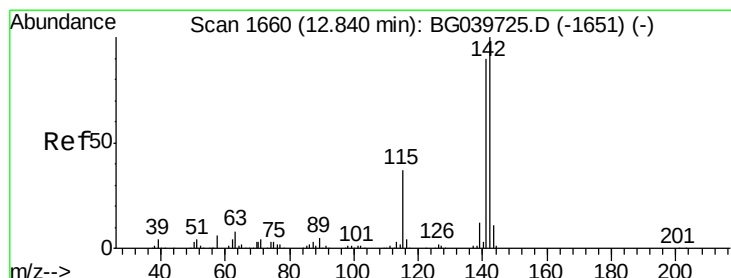
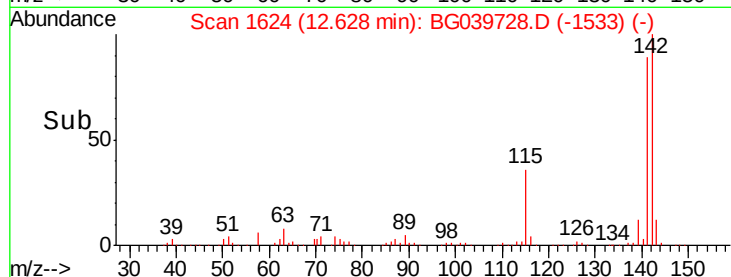
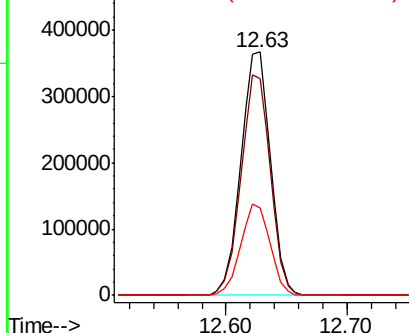
#37
 2-Methylnaphthalene
 Concen: 82.602 ng
 RT: 12.63 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 626048
 Ion Ratio Lower Upper
 142 100
 141 88.8 69.5 104.3
 115 36.0 28.8 43.2

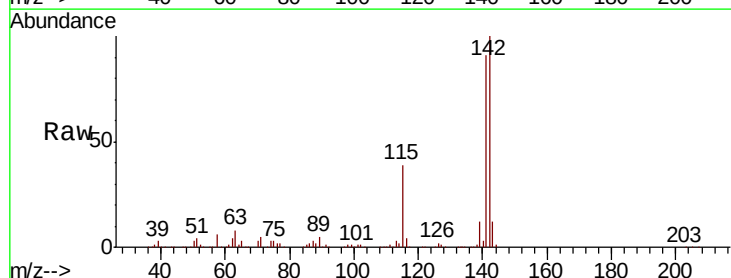


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

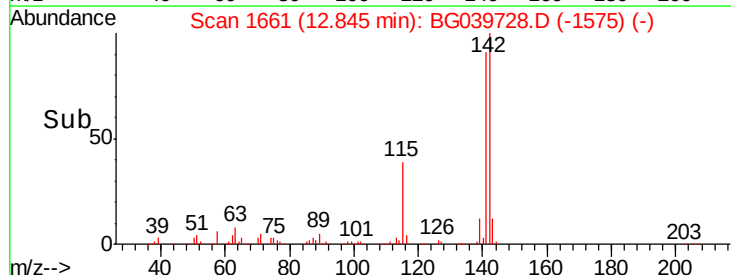
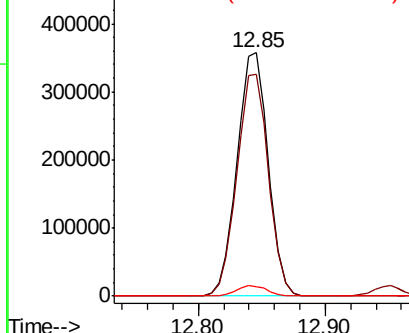


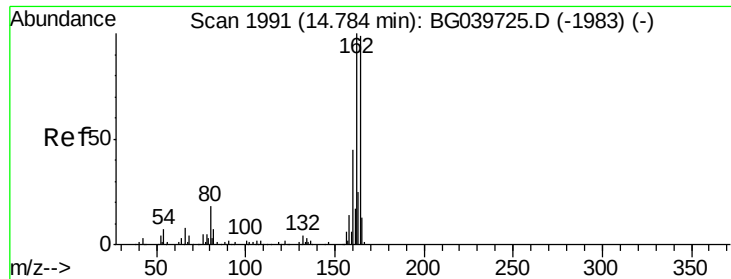
#38
 1-Methylnaphthalene
 Concen: 82.946 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion:142 Resp: 605995
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.8 107.6
 116 3.8 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

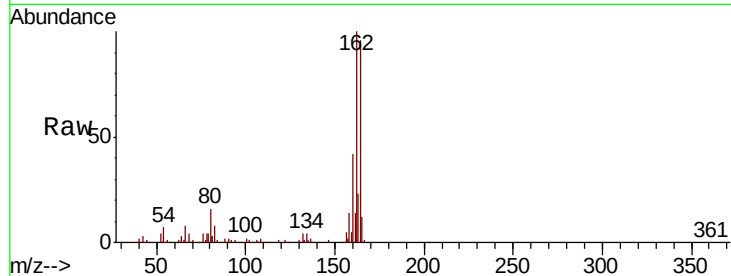
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 135227

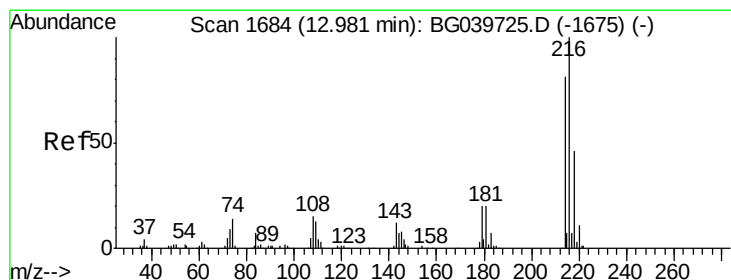
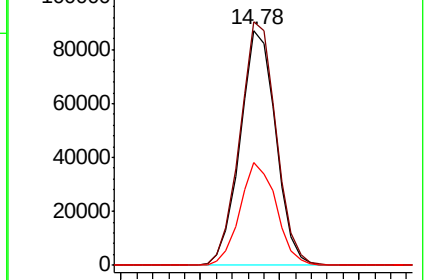
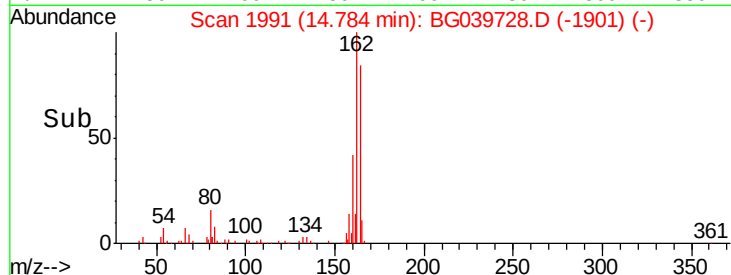
Ion	Ratio	Lower	Upper
164	100		
162	103.8	80.7	121.1
160	44.0	36.2	54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 83.866 ng

RT: 12.98 min Scan# 1684

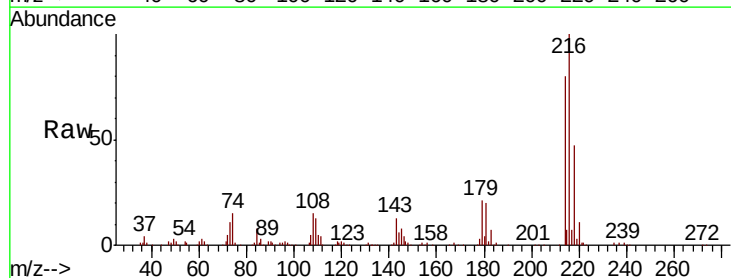
Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion:216 Resp: 360838

Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.2	94.8
179	20.9	16.2	24.4
108	16.6	13.4	20.0

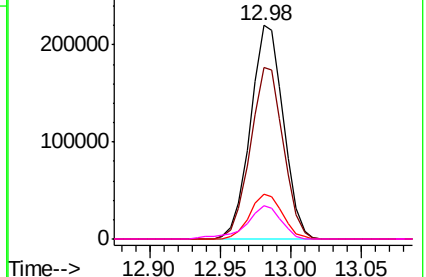
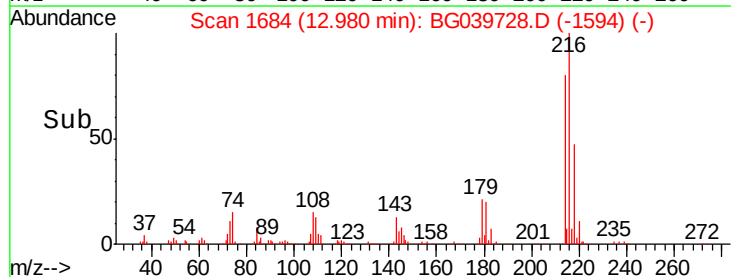


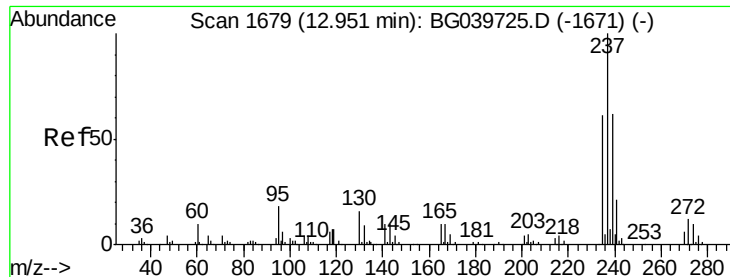
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.728 ng

RT: 12.95 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

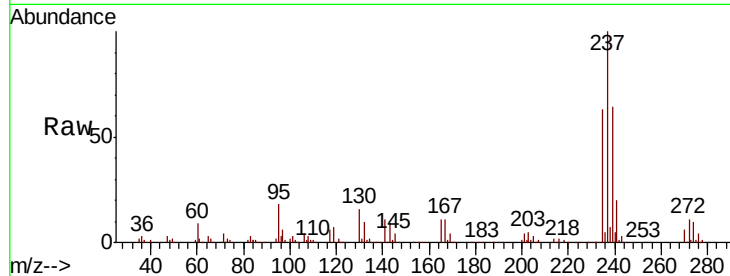
Tot Ion:237 Resp: 217402

Ion Ratio Lower Upper

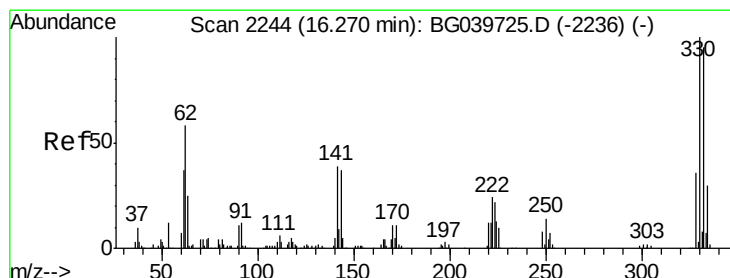
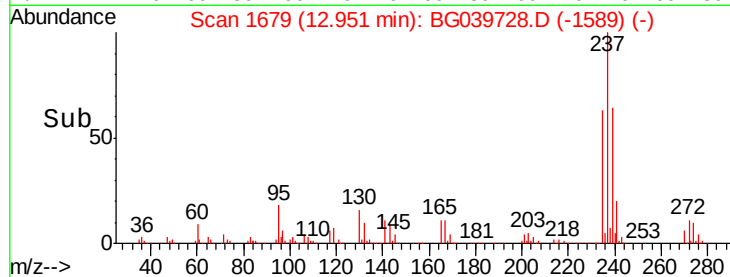
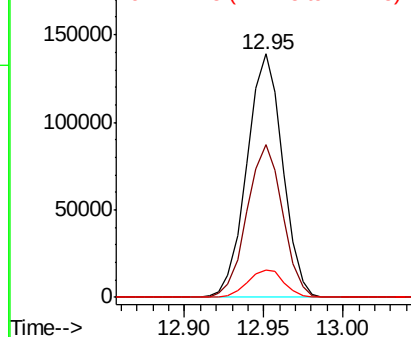
237 100

235 63.0 41.0 81.0

272 11.1 0.0 31.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 180.198 ng

RT: 16.28 min Scan# 2245

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

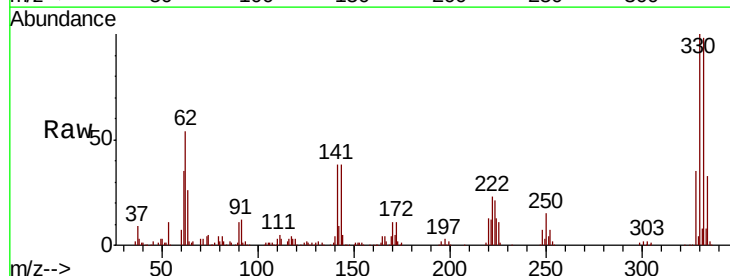
Tgt Ion:330 Resp: 262397

Ion Ratio Lower Upper

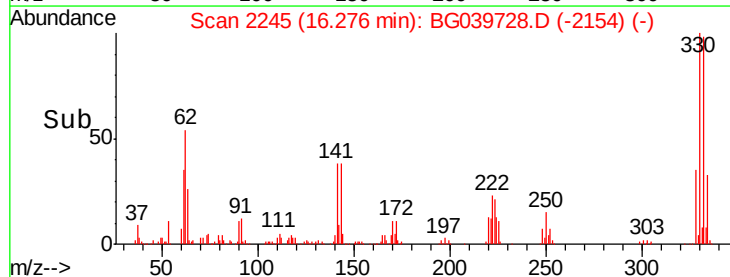
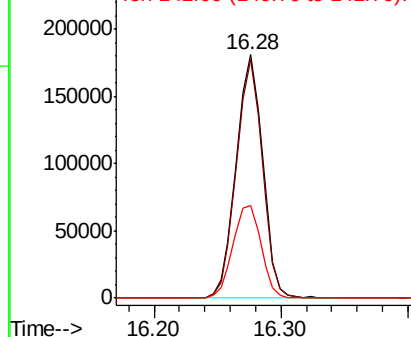
330 100

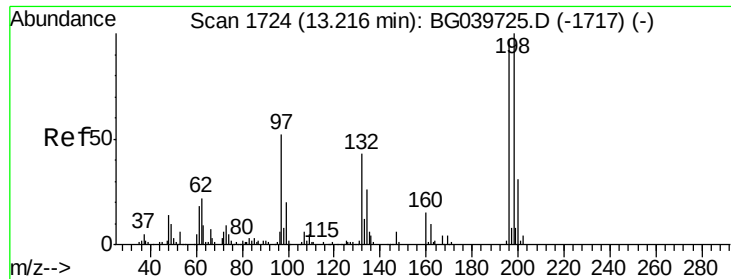
332 96.5 75.8 113.6

141 40.6 32.8 49.2



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

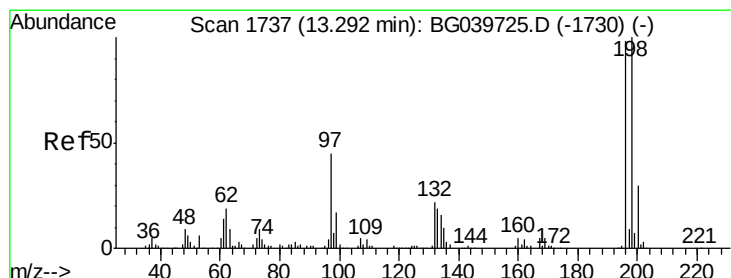
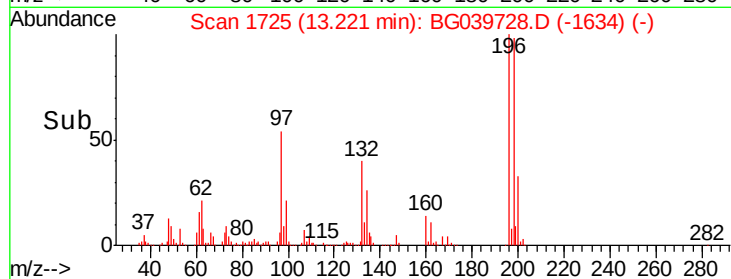
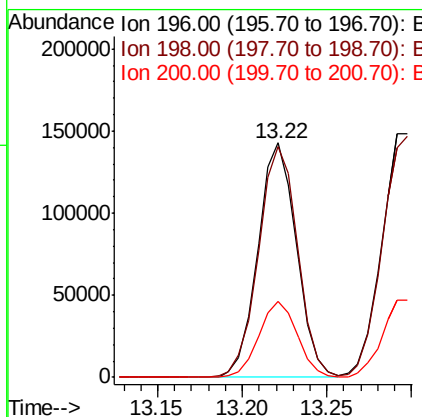
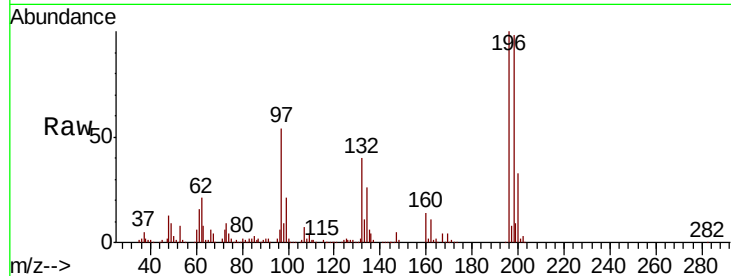




#43
 2,4,6-Trichlorophenol
 Concen: 85.578 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

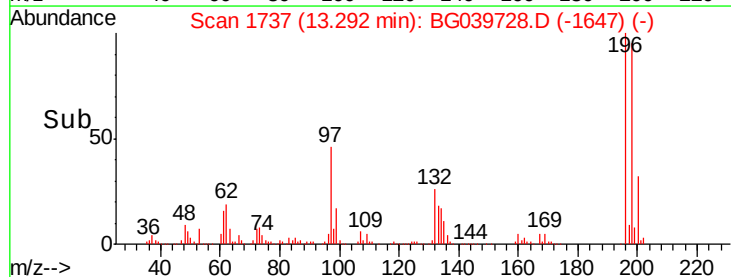
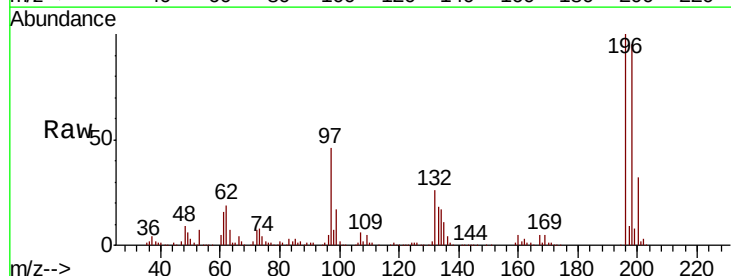
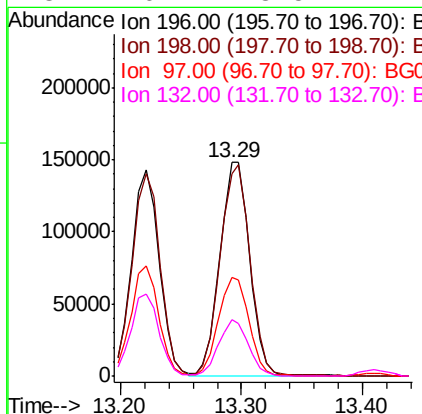
Instrument :
 BNA_G
 ClientSampled :

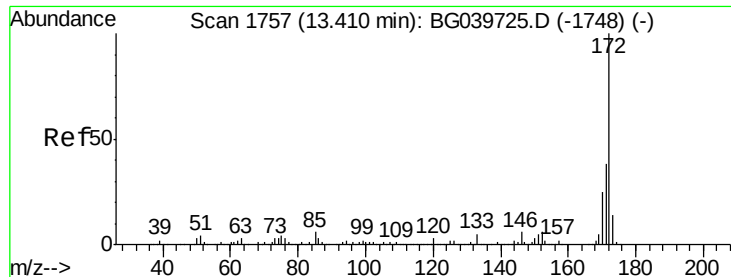
Tot Ion	196	Resp	226390
Ion Ratio	Lower	Upper	
196	100		
198	98.4	82.1	123.1
200	32.5	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 91.203 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion	196	Resp	252871
Ion Ratio	Lower	Upper	
196	100		
198	94.5	81.4	122.0
97	46.0	36.4	54.6
132	26.1	18.5	27.7

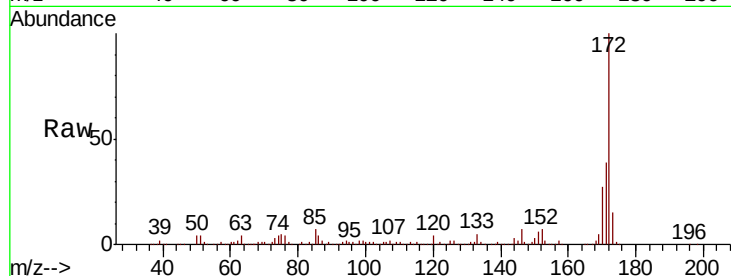




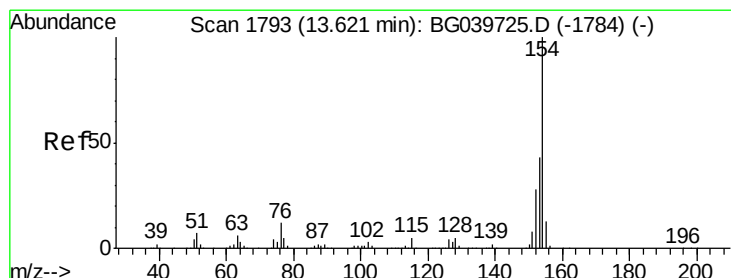
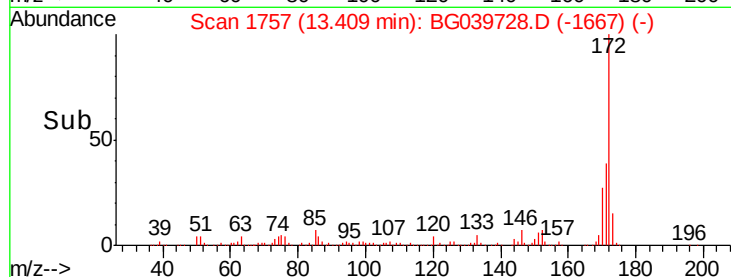
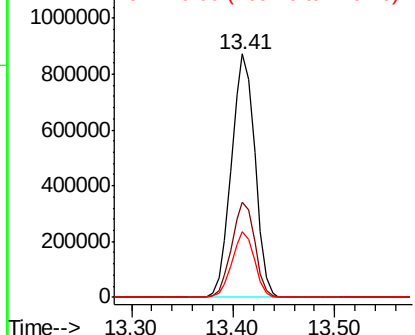
#45
 2-Fluorobiphenyl
 Concen: 148.463 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:172 Resp: 1399473
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.7 46.1
 170 27.2 20.2 30.2

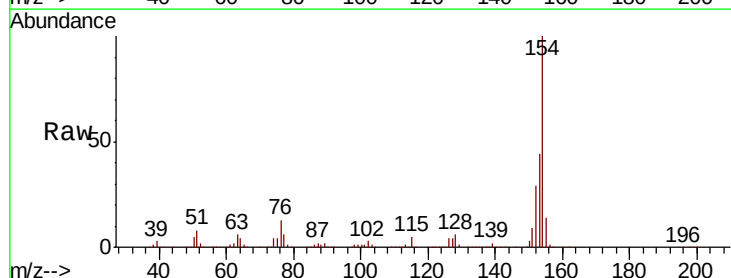


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

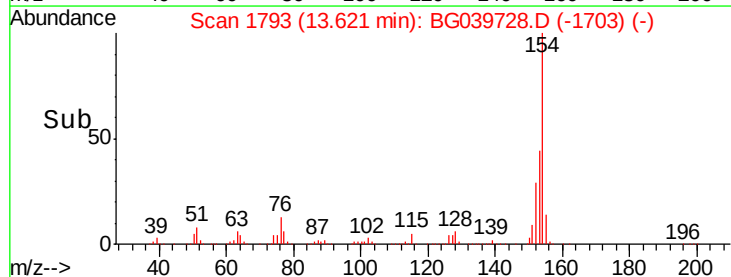
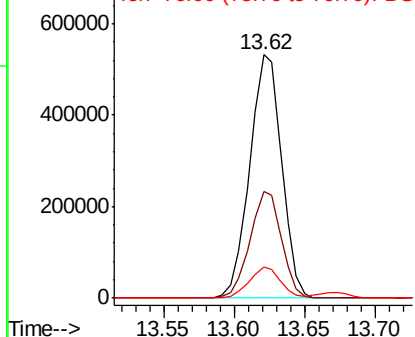


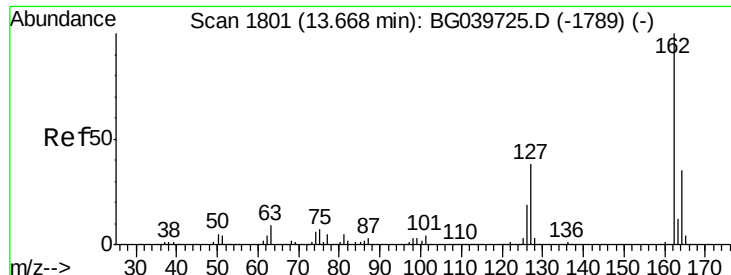
#46
 1,1'-Biphenyl
 Concen: 75.317 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. -0.00 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion:154 Resp: 847406
 Ion Ratio Lower Upper
 154 100
 153 43.8 23.2 63.2
 76 12.6 0.0 31.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BG

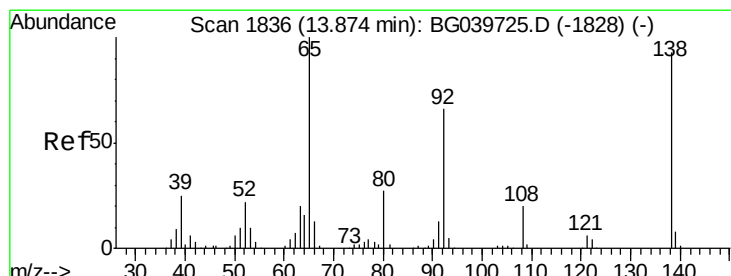
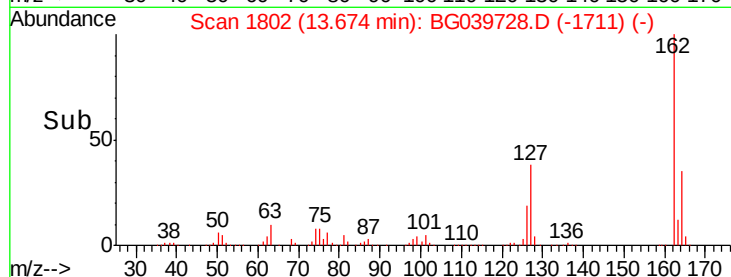
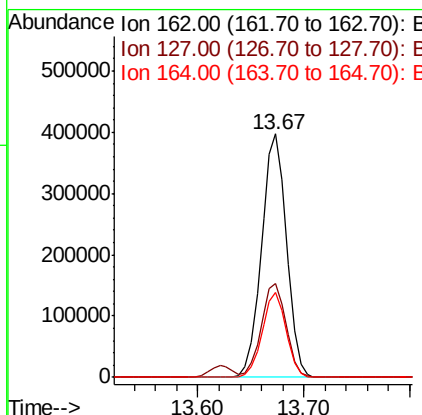
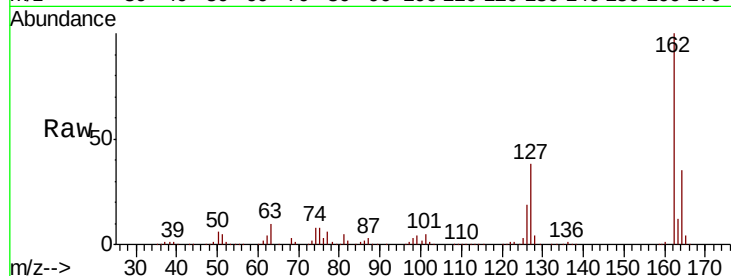




#47
 2-Chloronaphthalene
 Concen: 76.884 ng
 RT: 13.67 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

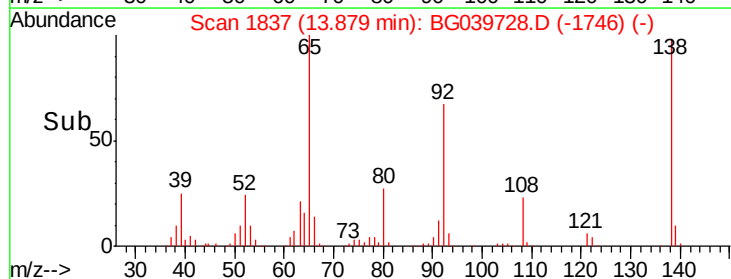
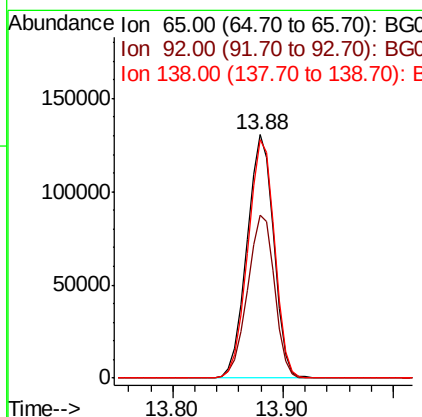
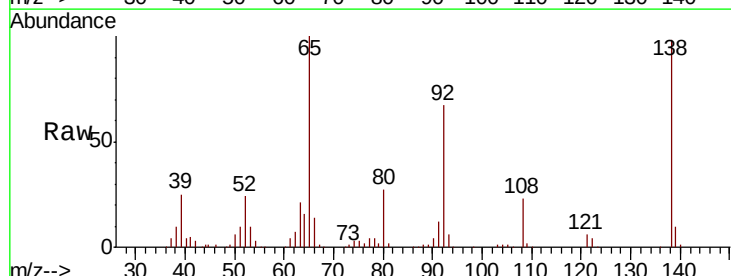
Instrument :
 BNA_G
 ClientSampled :

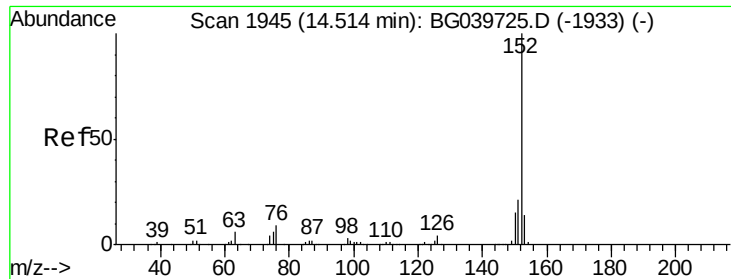
Tot Ion:162 Resp: 650749
 Ion Ratio Lower Upper
 162 100
 127 38.4 30.7 46.1
 164 34.9 27.6 41.4



#48
 2-Nitroaniline
 Concen: 103.679 ng
 RT: 13.88 min Scan# 1837
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion: 65 Resp: 222721
 Ion Ratio Lower Upper
 65 100
 92 67.1 52.6 79.0
 138 97.7 74.6 111.8





#49

Acenaphthylene

Concen: 81.728 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

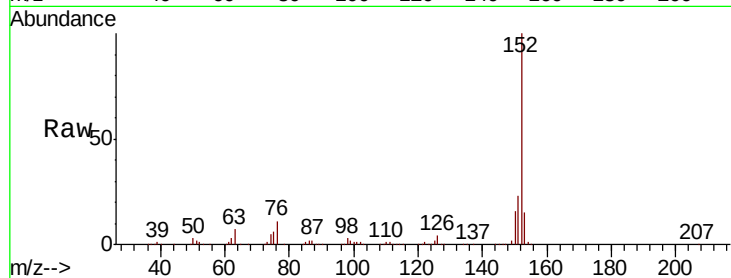
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 1043798

Ion	Ratio	Lower	Upper
152	100		
151	22.9	16.7	25.1
153	15.0	11.1	16.7

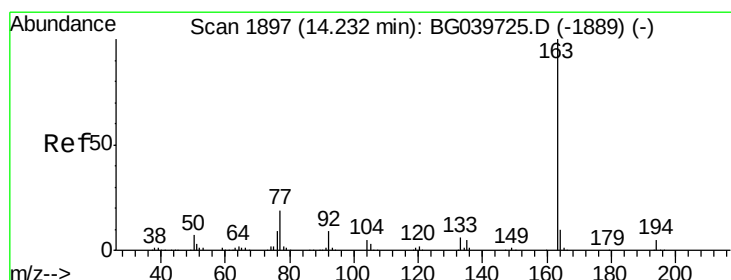
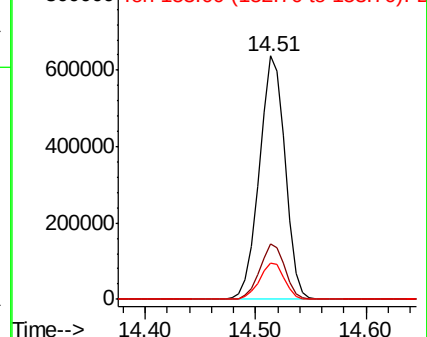
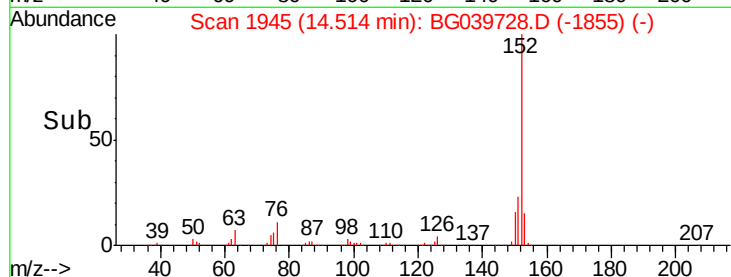


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 78.389 ng

RT: 14.24 min Scan# 1898

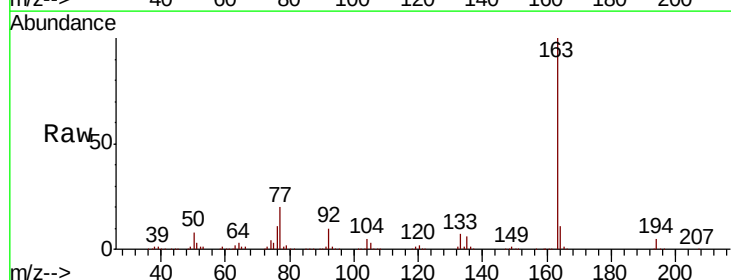
Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion:163 Resp: 856119

Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.6	5.4
164	11.2	8.2	12.2

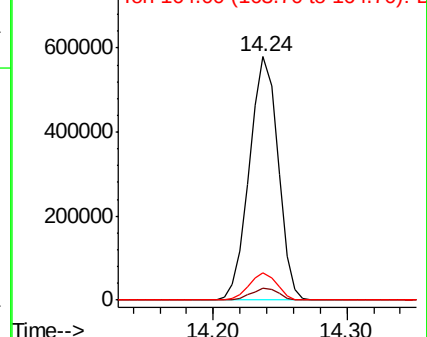
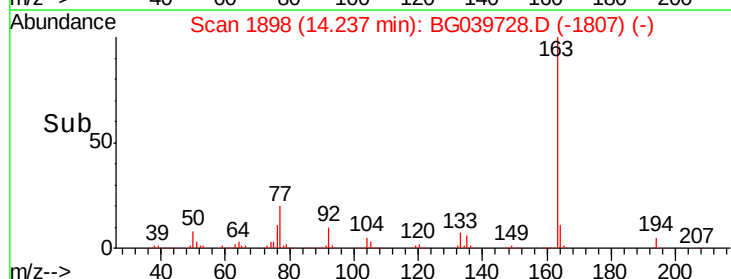


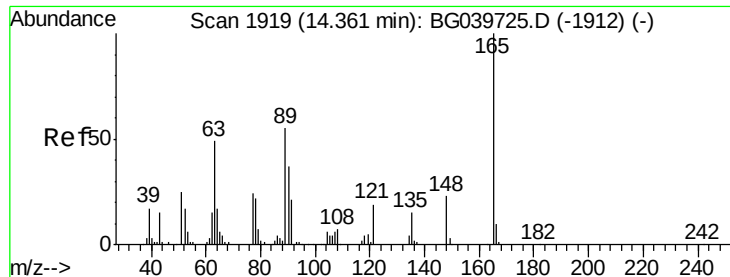
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

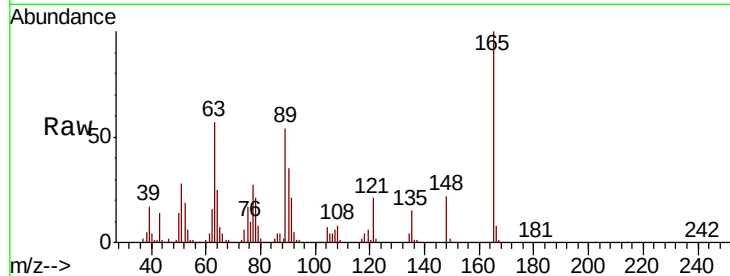




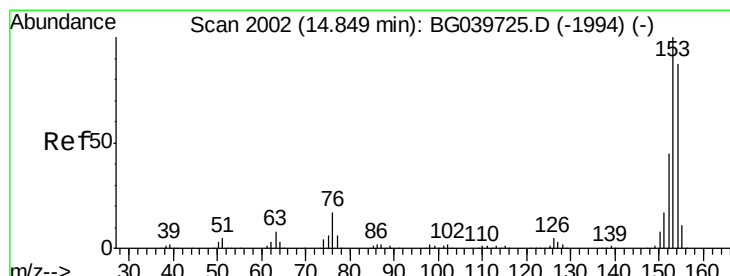
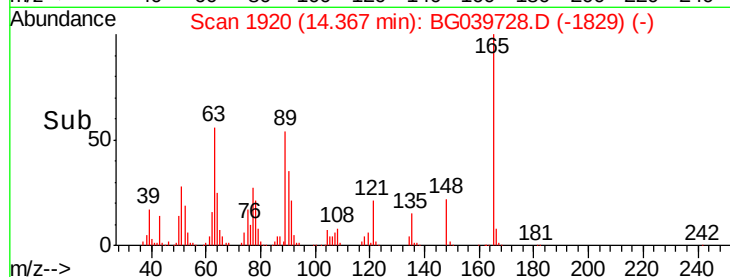
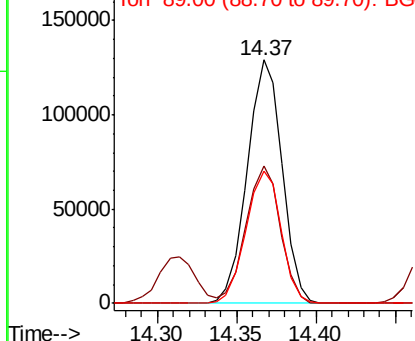
#51
2,6-Dinitrotoluene
Concen: 107.066 ng
RT: 14.37 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.5	44.6	66.8
89	54.1	44.0	66.0

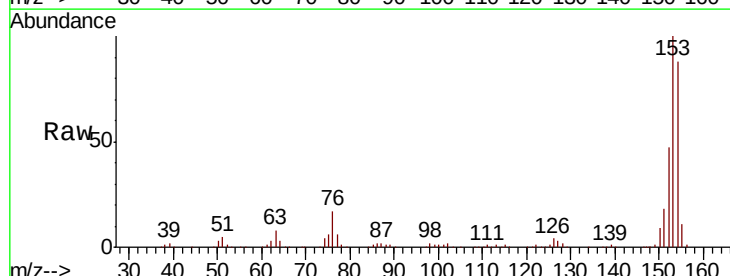


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG

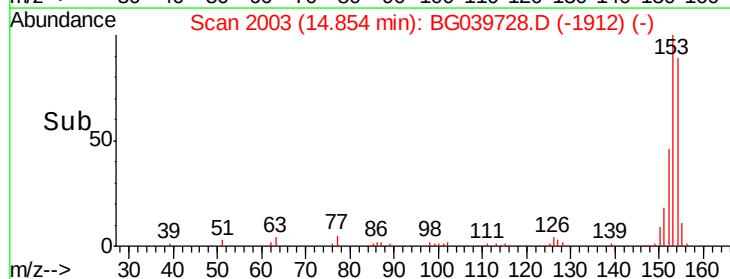
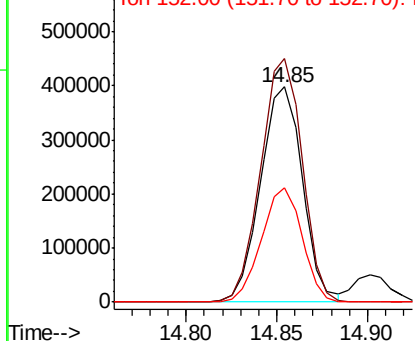


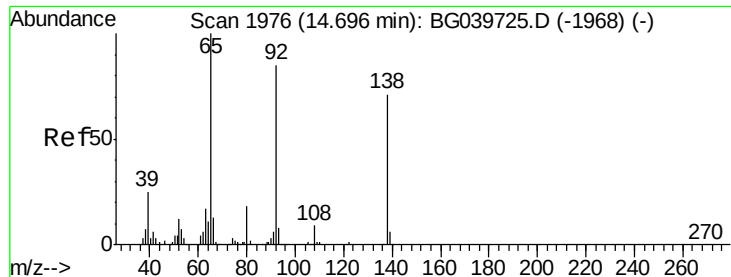
#52
Acenaphthene
Concen: 77.303 ng
RT: 14.85 min Scan# 2003
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.1	92.2	138.4
152	53.1	41.6	62.4



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

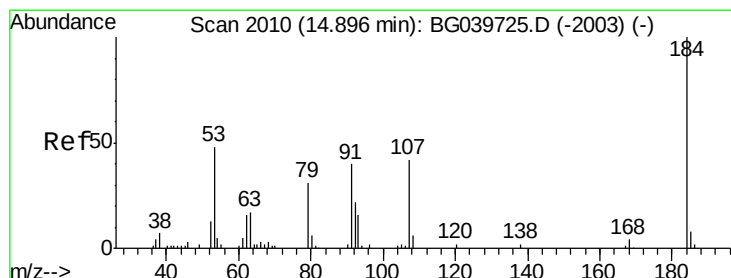
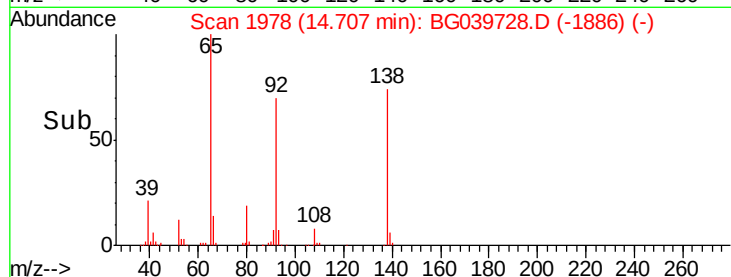
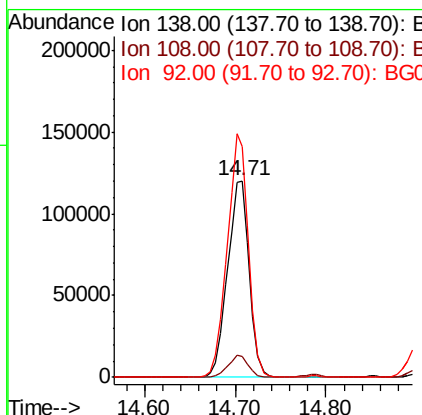
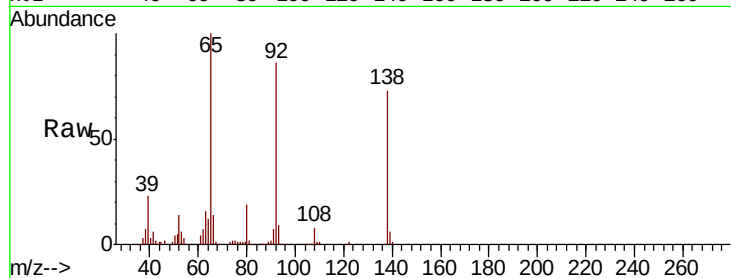




#53
3-Nitroaniline
Concen: 98.477 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

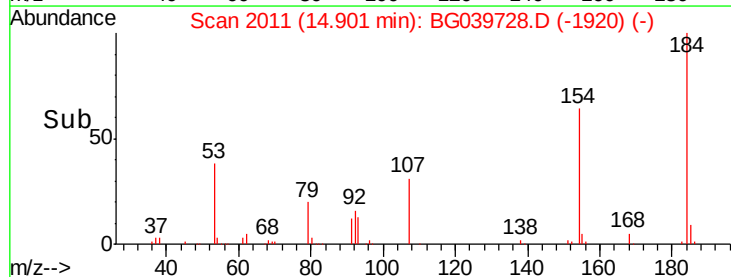
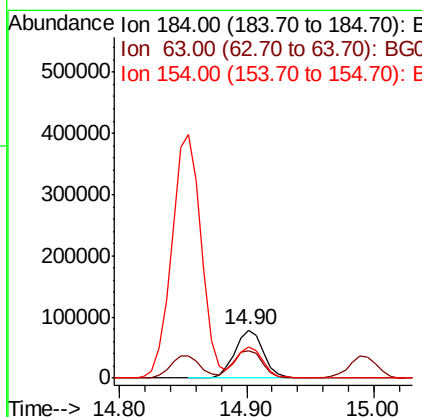
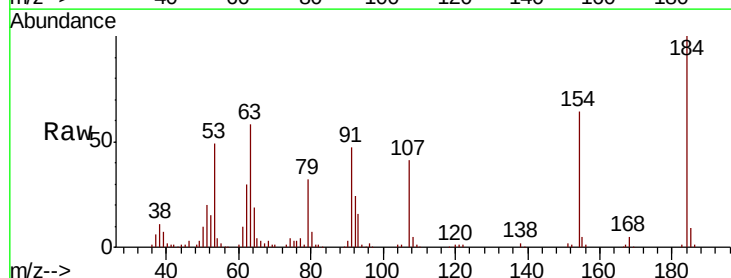
Instrument :
BNA_G
ClientSampleId :

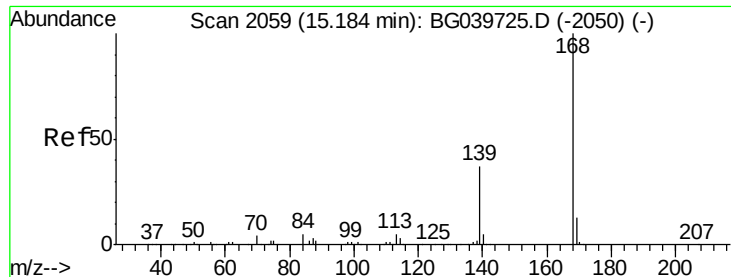
Tot Ion:138 Resp: 198634
Ion Ratio Lower Upper
138 100
108 10.8 10.0 15.0
92 117.5 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 177.181 ng
RT: 14.90 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:184 Resp: 122722
Ion Ratio Lower Upper
184 100
63 57.5 47.4 71.0
154 63.8 50.1 75.1

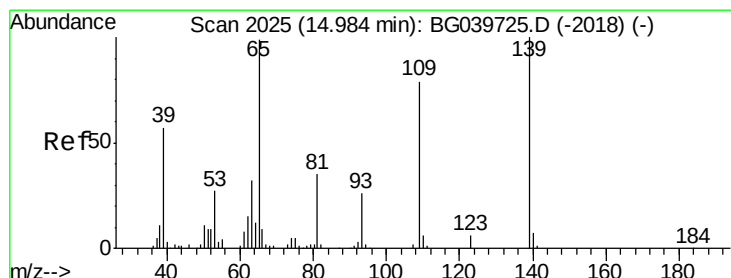
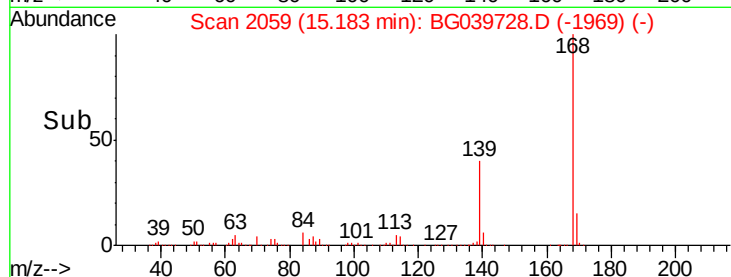
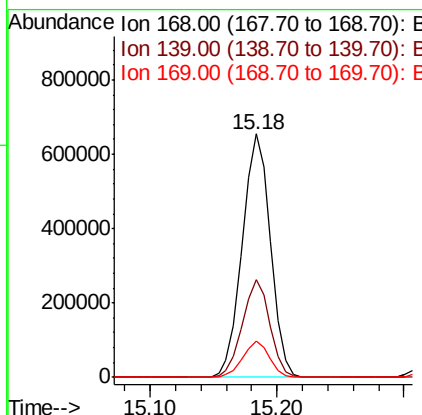
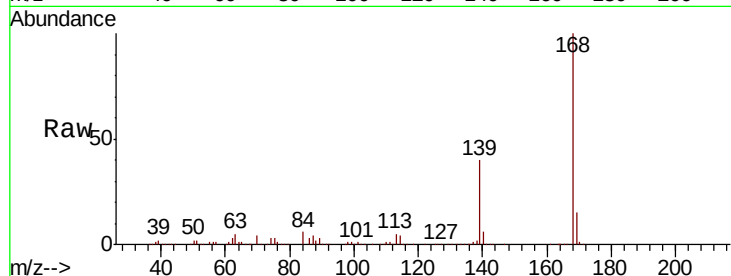




#55
Dibenzenofuran
Concen: 75.882 ng
RT: 15.18 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

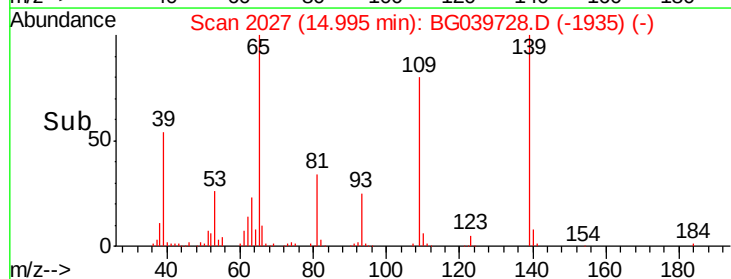
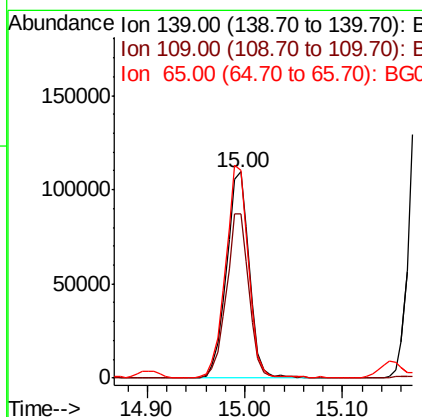
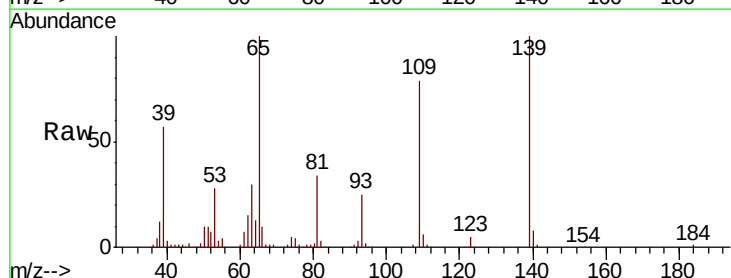
Instrument :
BNA_G
ClientSampleId :

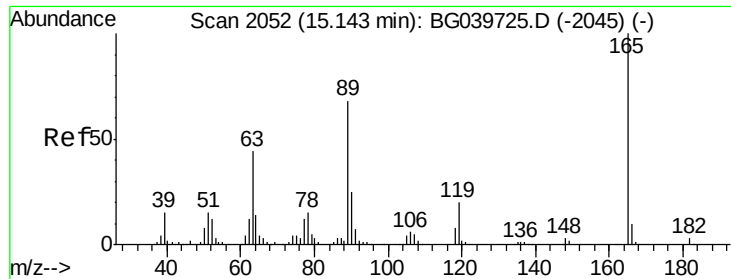
Tot Ion:168 Resp: 1008632
Ion Ratio Lower Upper
168 100
139 40.2 29.8 44.6
169 14.8 10.6 16.0



#56
4-Nitrophenol
Concen: 103.252 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:139 Resp: 177193
Ion Ratio Lower Upper
139 100
109 79.5 58.7 98.7
65 100.5 79.3 119.3

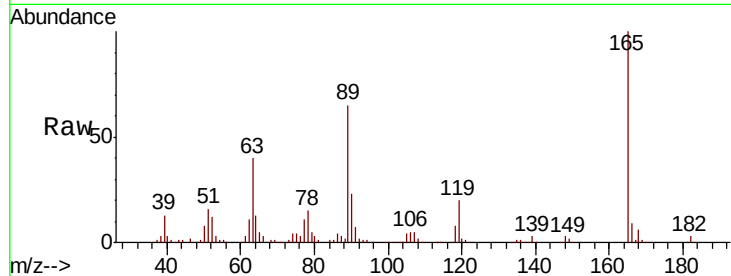




#57
2,4-Dinitrotoluene
Concen: 120.228 ng
RT: 15.15 min Scan# 2054
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	39.9	35.4	53.0
89	64.8	54.1	81.1
182	3.2	2.2	3.4



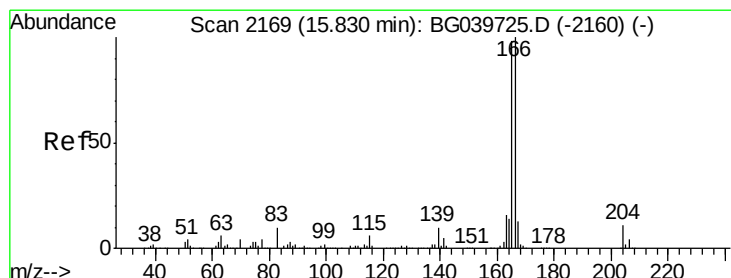
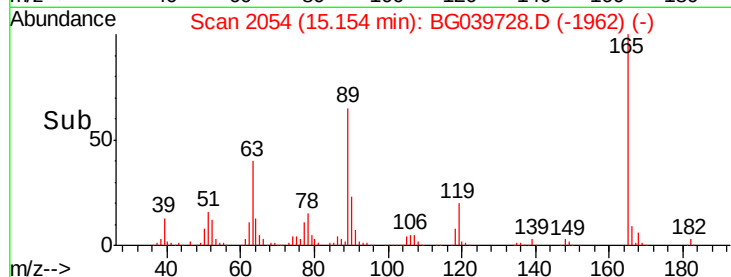
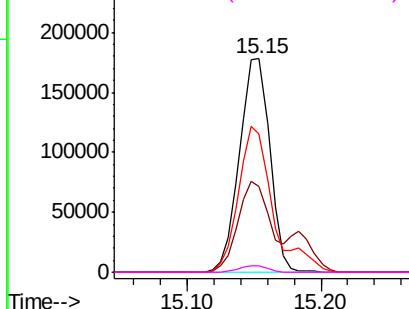
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

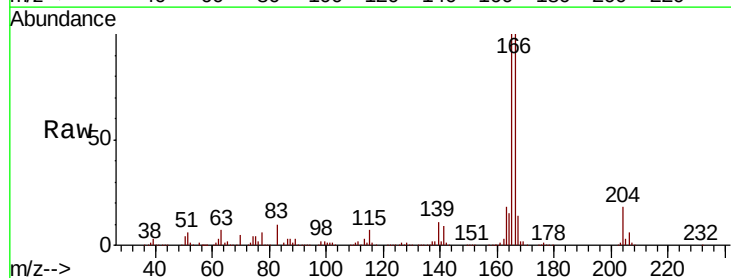
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 80.699 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.1	78.5	117.7
167	14.1	10.6	15.8

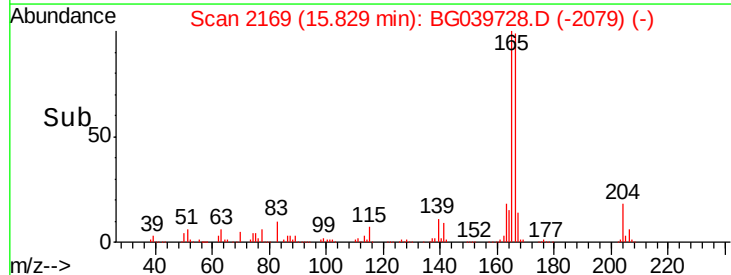
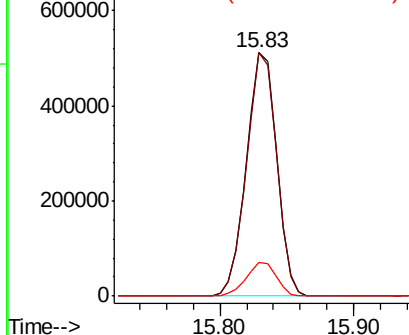


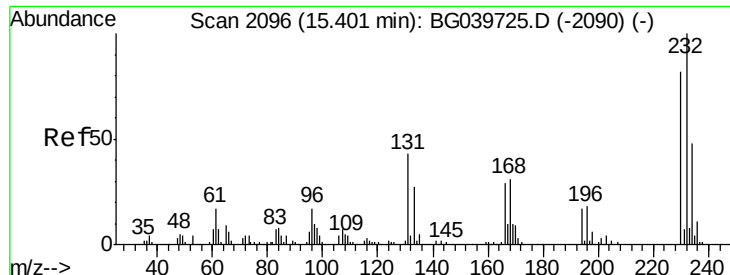
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

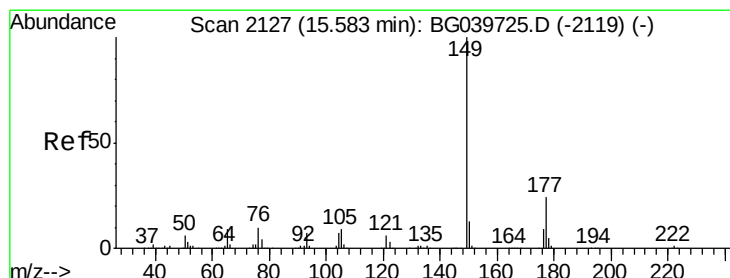
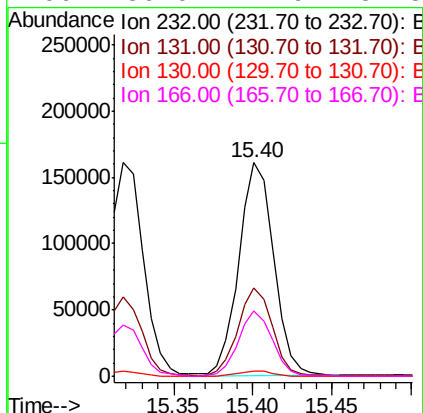
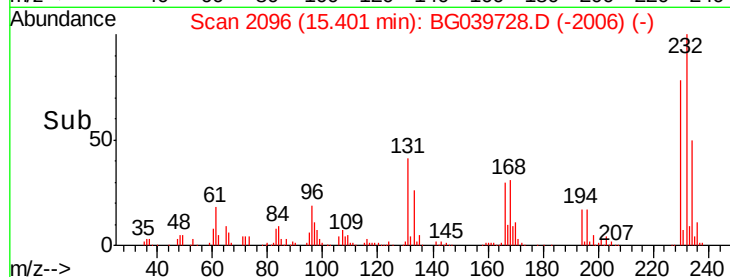
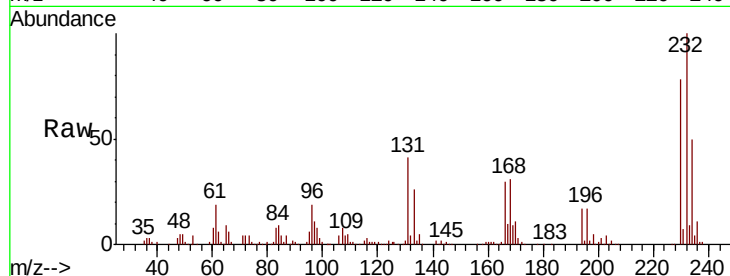




#59
2,3,4,6-Tetrachlorophenol
Concen: 94.812 ng
RT: 15.40 min Scan# 2096
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

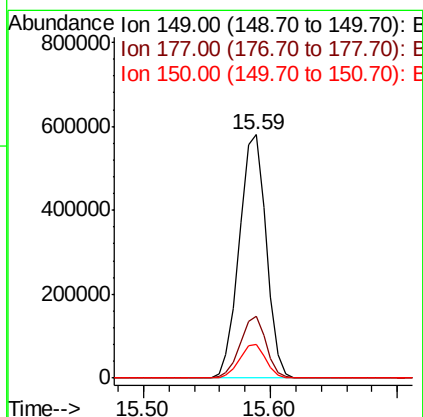
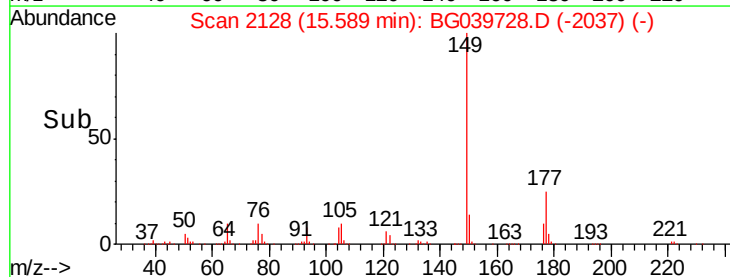
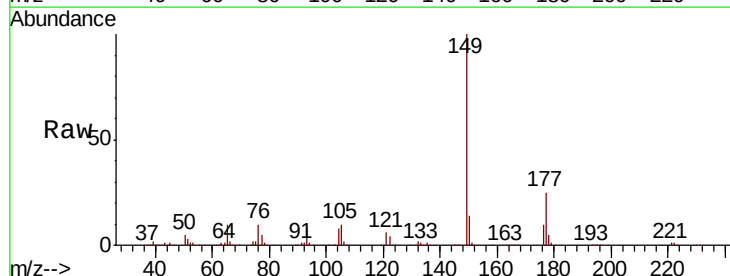
Instrument :
BNA_G
ClientSampleId :

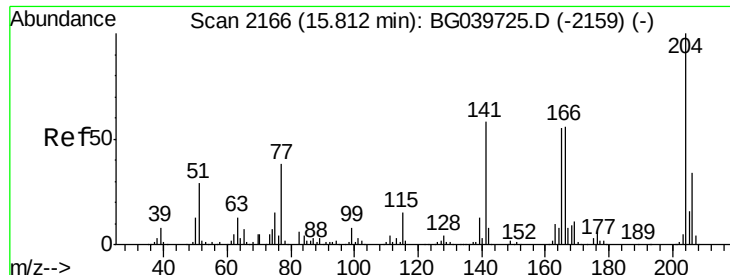
Tot Ion:	232	Resp:	246136
Ion	Ratio	Lower	Upper
232	100		
131	40.9	32.6	49.0
130	2.5	2.0	3.0
166	30.0	22.9	34.3



#60
Diethylphthalate
Concen: 75.268 ng
RT: 15.59 min Scan# 2128
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:	149	Resp:	849922
Ion	Ratio	Lower	Upper
149	100		
177	25.3	18.9	28.3
150	13.7	10.3	15.5

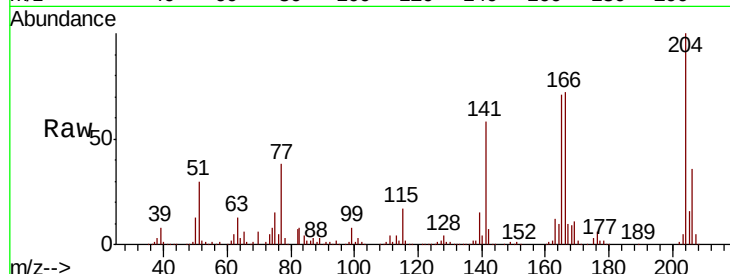




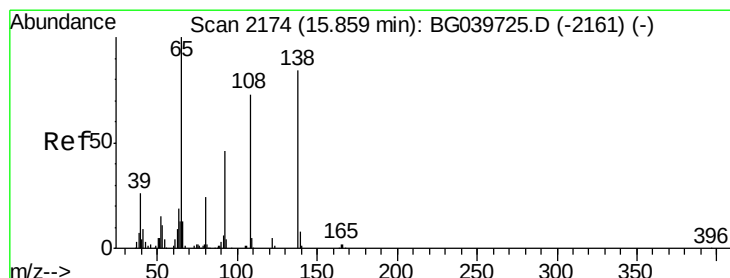
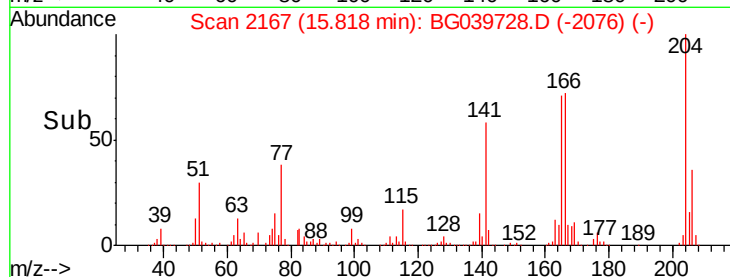
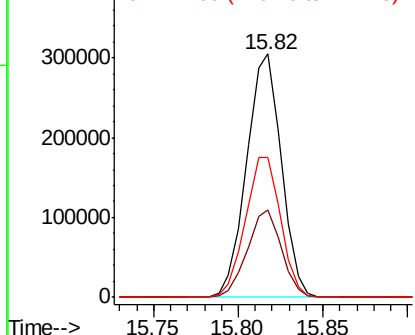
#61
4-Chlorophenyl-phenylether
Concen: 77.815 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 436591
Ion Ratio Lower Upper
204 100
206 36.2 27.0 40.4
141 57.6 46.4 69.6

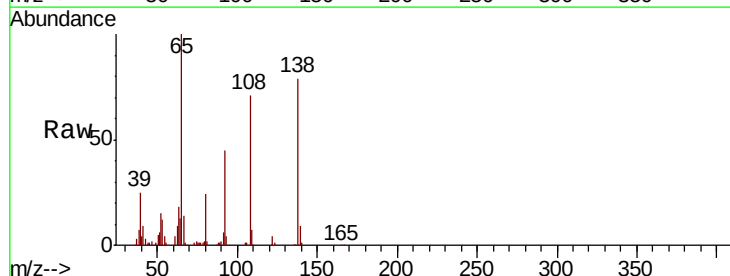


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

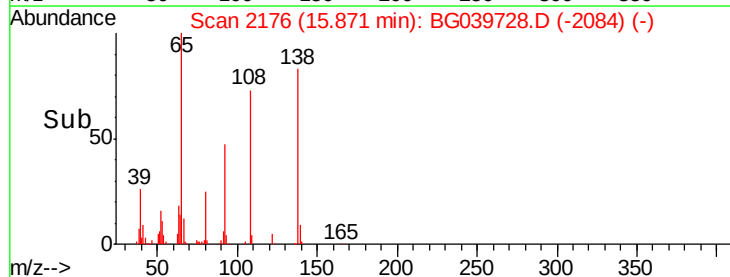
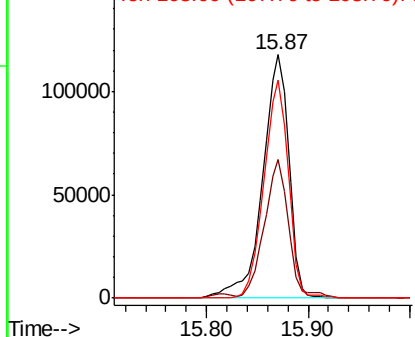


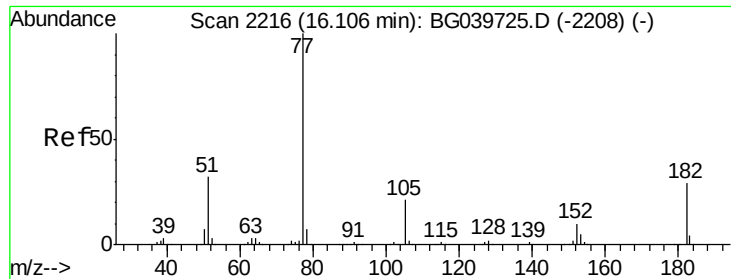
#62
4-Nitroaniline
Concen: 98.876 ng
RT: 15.87 min Scan# 2176
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:138 Resp: 211637
Ion Ratio Lower Upper
138 100
92 57.0 34.9 74.9
108 89.6 67.5 107.5



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





#63

Azobenzene

Concen: 69.265 ng

RT: 16.11 min Scan# 2217

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 764471

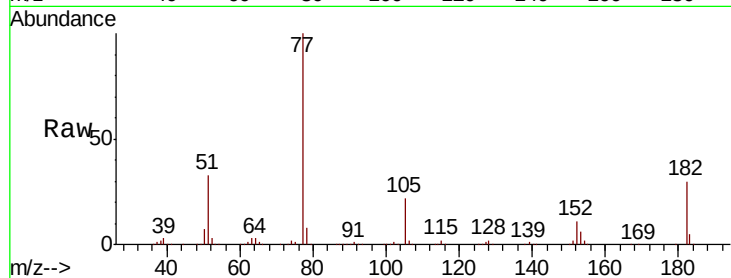
Ion Ratio Lower Upper

77 100

182 29.8 8.9 48.9

105 21.6 0.9 40.9

51 33.2 12.4 52.4

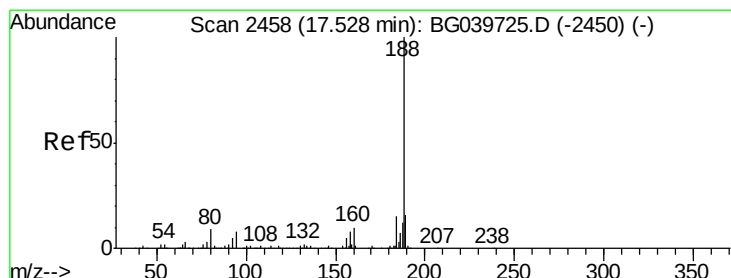
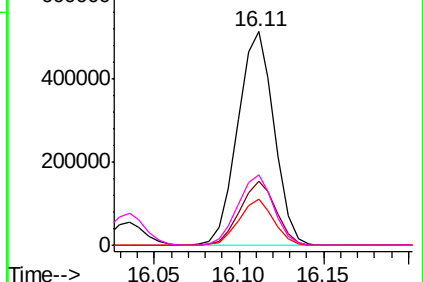
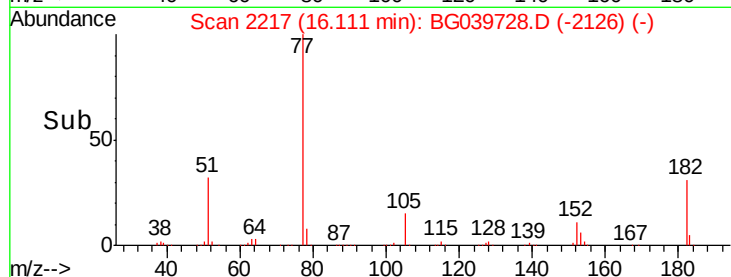


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

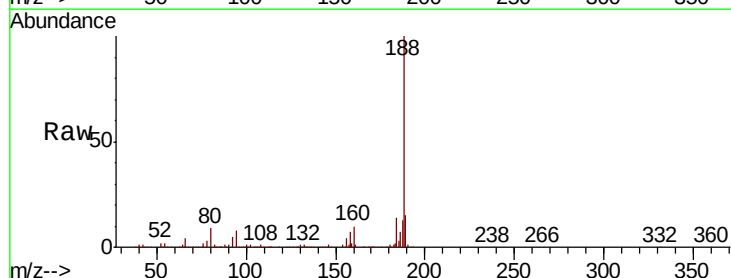
Tgt Ion: 188 Resp: 322971

Ion Ratio Lower Upper

188 100

94 7.5 6.0 9.0

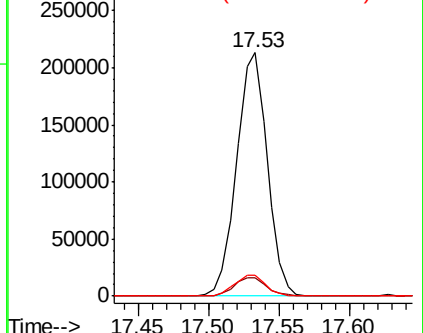
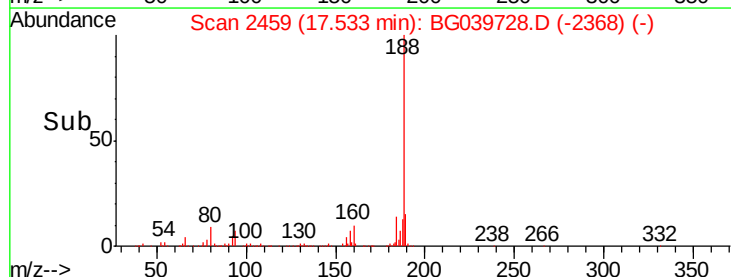
80 8.8 7.4 11.0

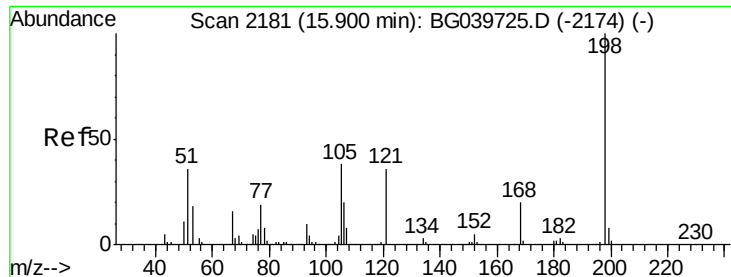


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 138.415 ng

RT: 15.91 min Scan# 2183

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

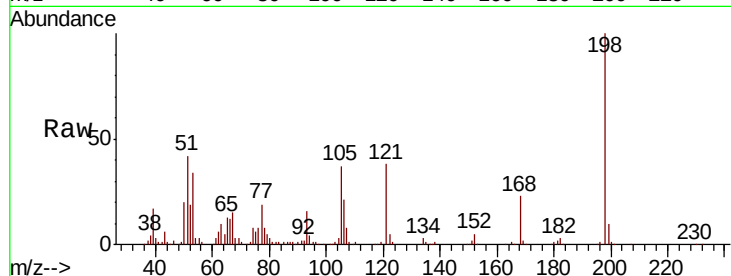
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 164295

Ion	Ratio	Lower	Upper
198	100		
51	42.0	24.4	64.4
105	36.8	19.4	59.4

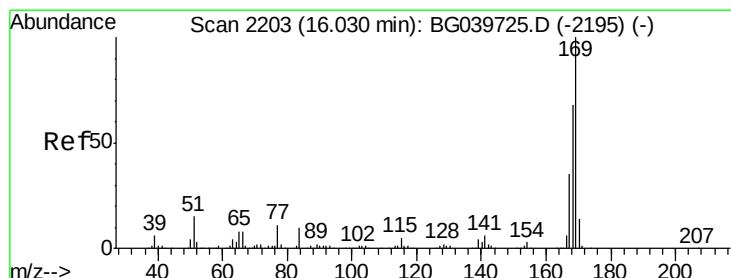
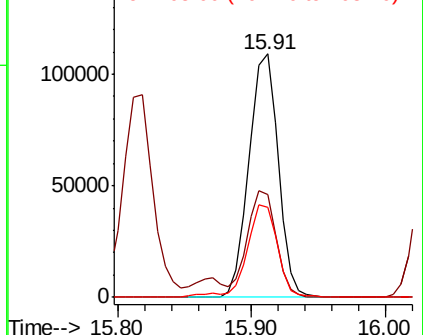
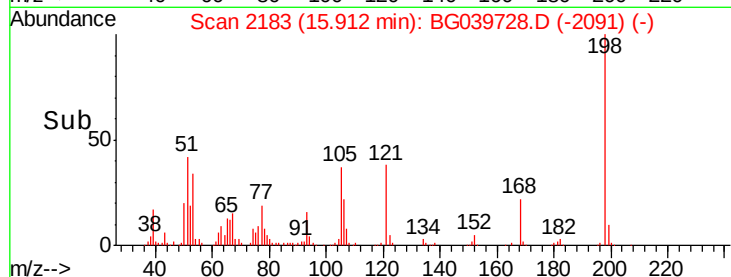


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 73.186 ng

RT: 16.04 min Scan# 2204

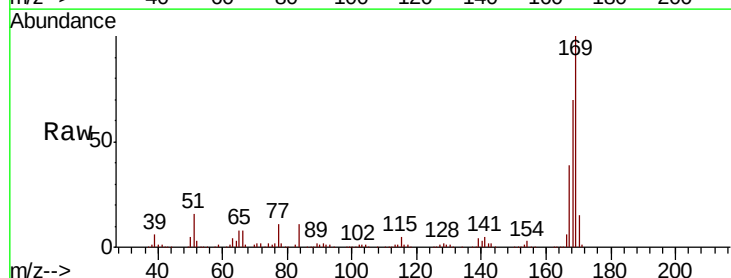
Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion:169 Resp: 718721

Ion	Ratio	Lower	Upper
169	100		
168	70.2	54.8	82.2
167	38.7	28.0	42.0

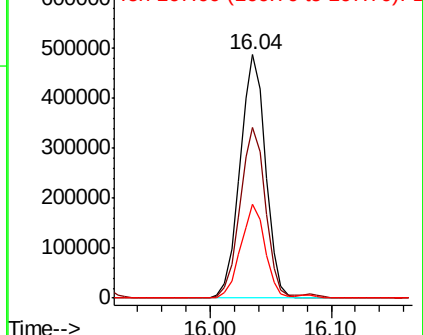
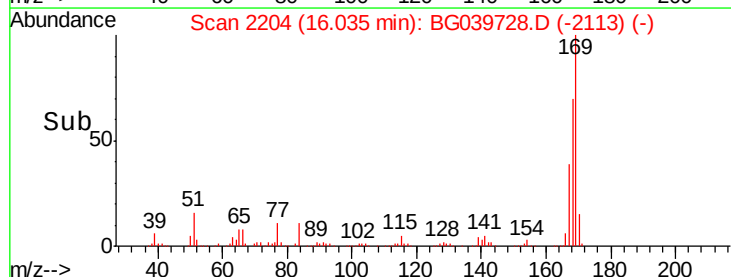


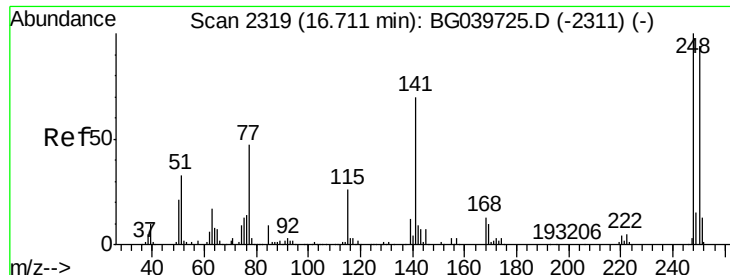
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

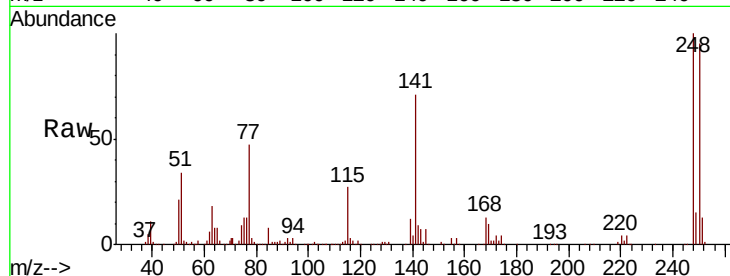




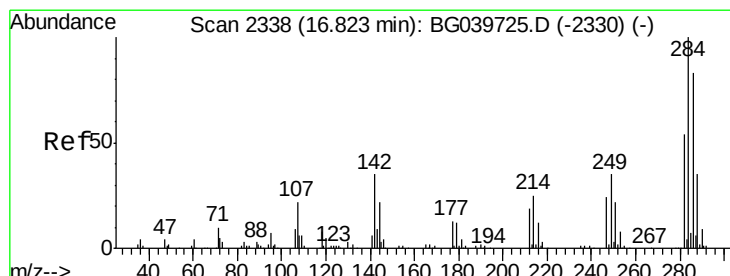
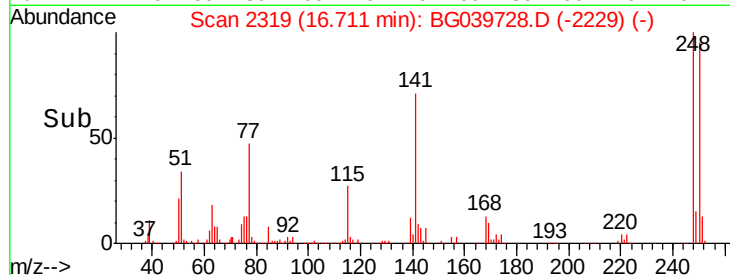
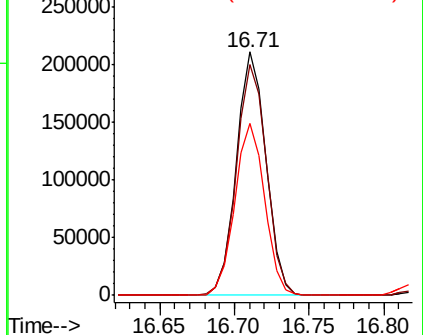
#67
4-Bromophenyl-phenylether
Concen: 81.249 ng
RT: 16.71 min Scan# 2319
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 291117
Ion Ratio Lower Upper
248 100
250 94.8 75.2 112.8
141 70.6 55.8 83.6

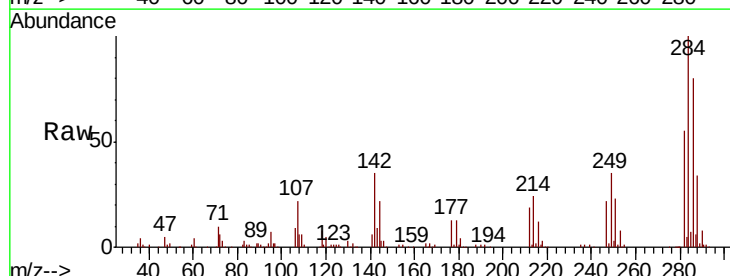


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

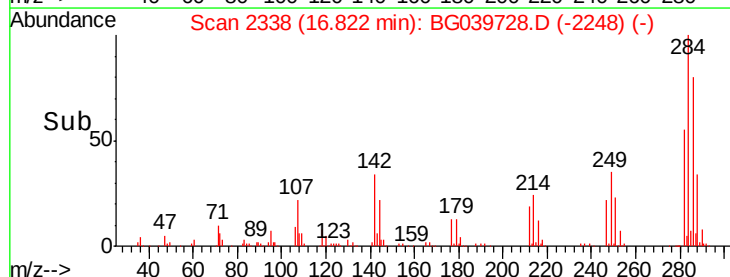
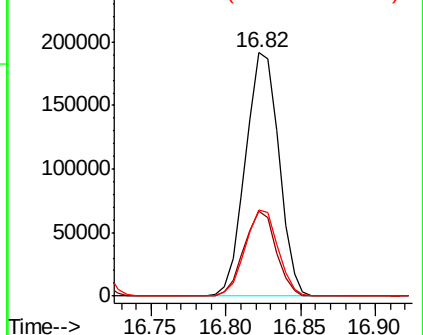


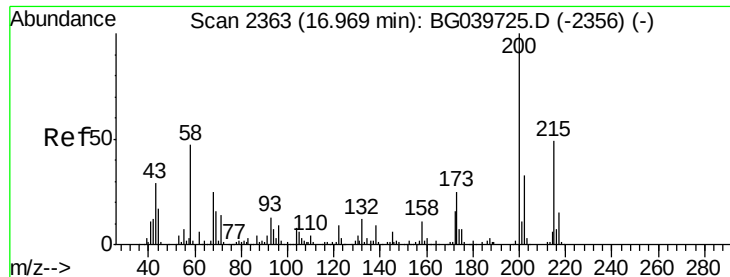
#68
Hexachlorobenzene
Concen: 82.792 ng
RT: 16.82 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:284 Resp: 297622
Ion Ratio Lower Upper
284 100
142 35.0 28.2 42.2
249 35.5 28.2 42.4



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





#69

Atrazine

Concen: 80.529 ng

RT: 16.97 min Scan# 2364

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

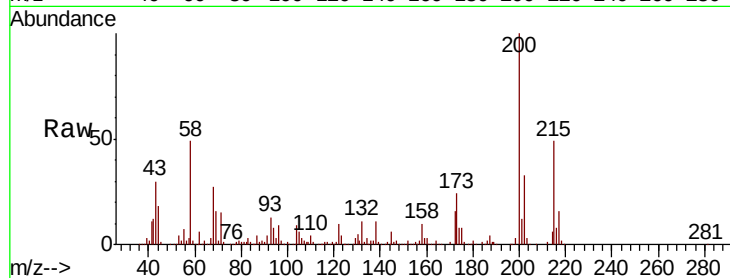
Tot Ion:200 Resp: 289001

Ion Ratio Lower Upper

200 100

173 24.2 4.8 44.8

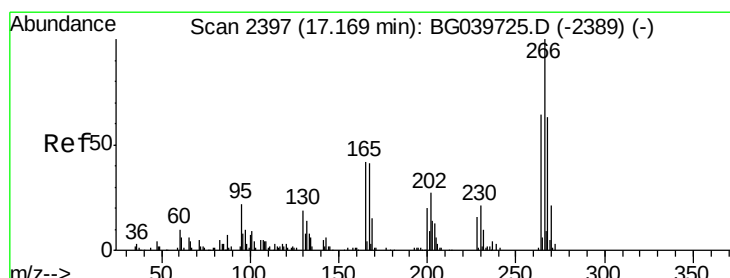
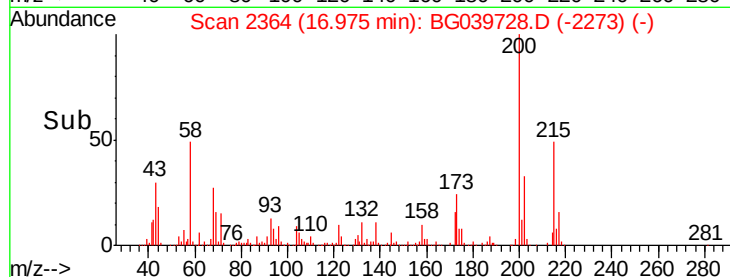
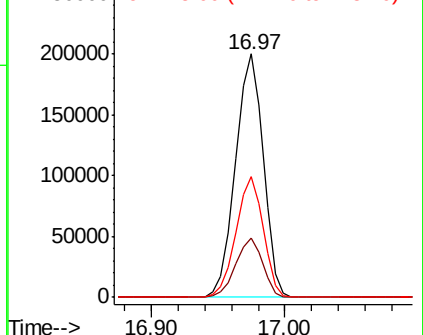
215 49.5 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 82.508 ng

RT: 17.17 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

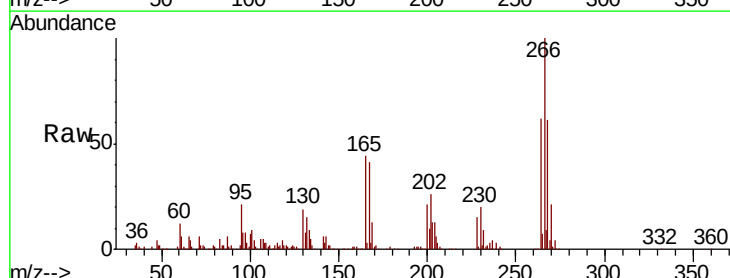
Tgt Ion:266 Resp: 206144

Ion Ratio Lower Upper

266 100

268 61.2 50.5 75.7

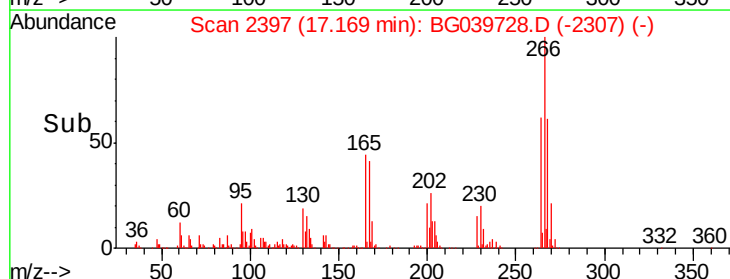
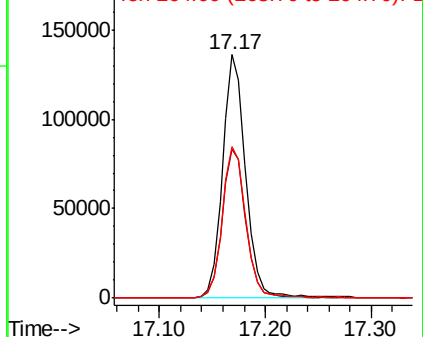
264 62.3 51.3 76.9

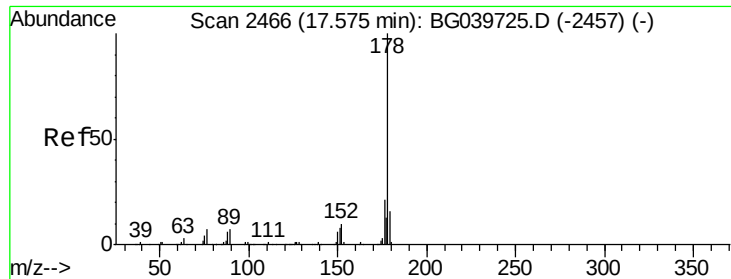


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

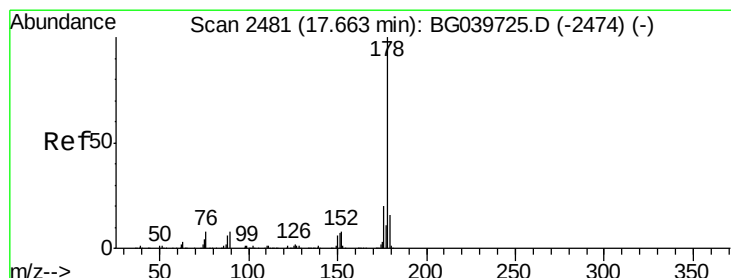
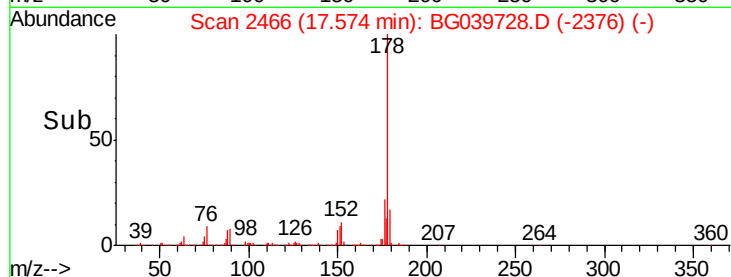
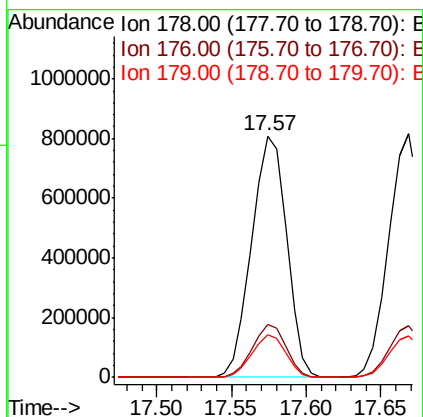
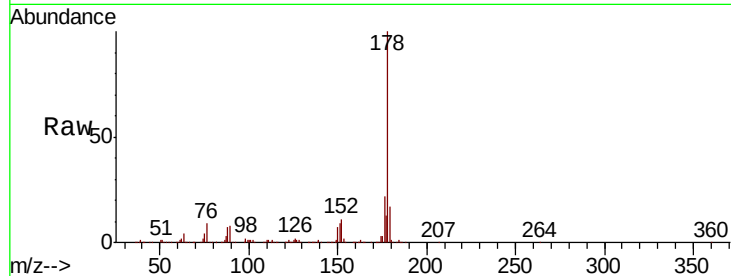




#71
Phenanthrene
Concen: 78.399 ng
RT: 17.57 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

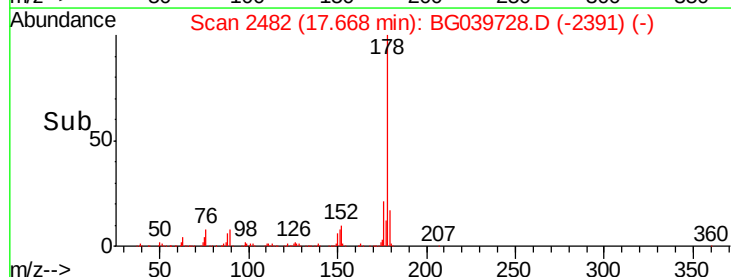
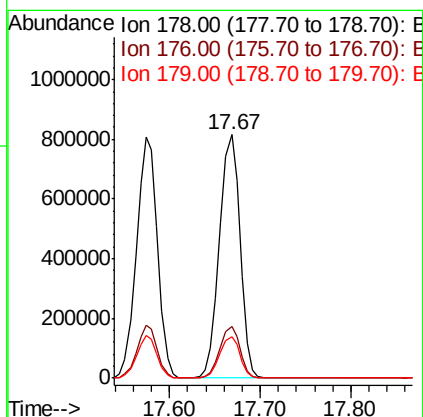
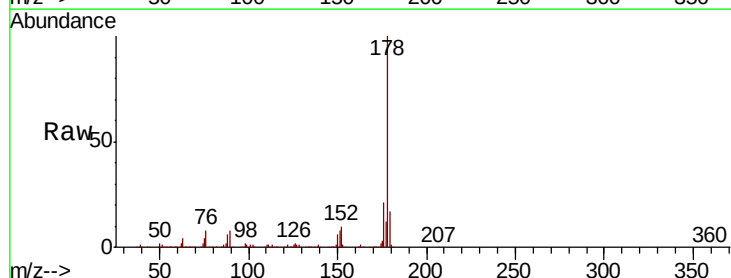
Instrument :
BNA_G
ClientSampled :

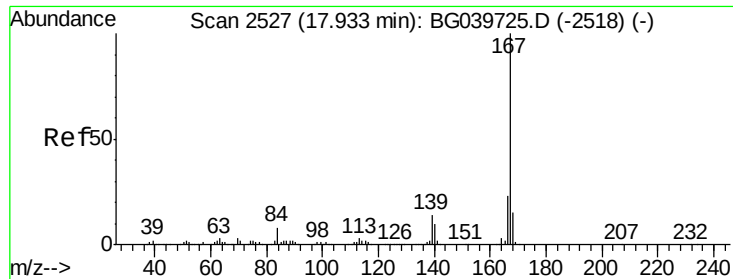
Tot Ion:178 Resp: 1310516
Ion Ratio Lower Upper
178 100
176 22.1 16.5 24.7
179 17.4 12.8 19.2



#72
Anthracene
Concen: 78.078 ng
RT: 17.67 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:178 Resp: 1285573
Ion Ratio Lower Upper
178 100
176 21.4 15.7 23.5
179 17.2 12.8 19.2

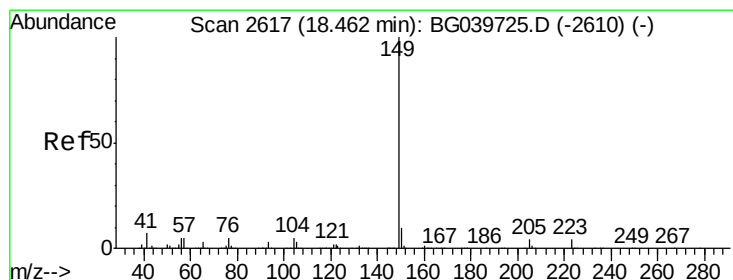
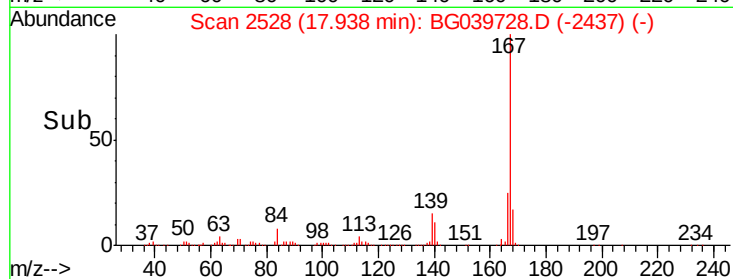
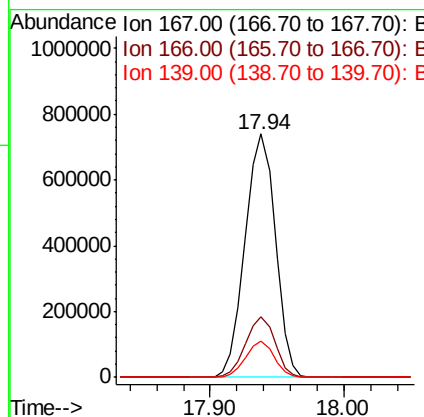
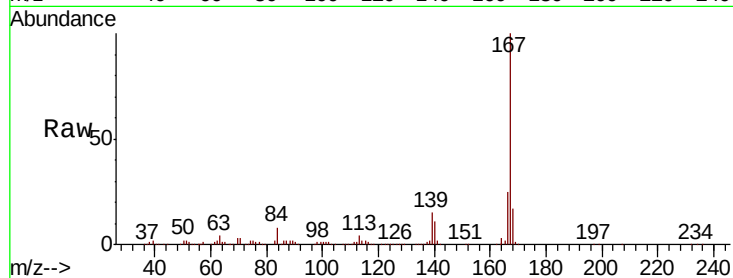




#73
 Carbazole
 Concen: 70.499 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

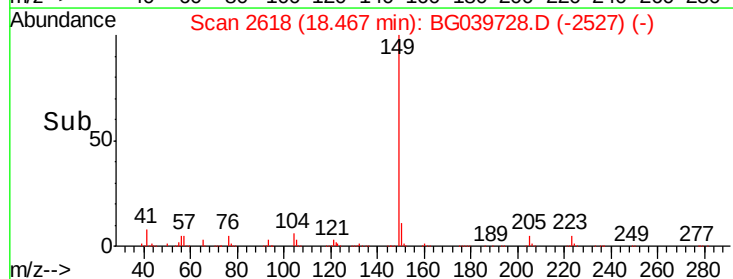
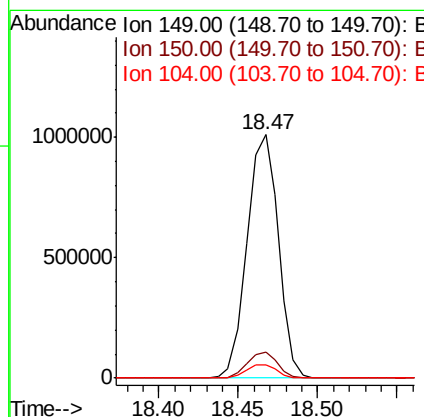
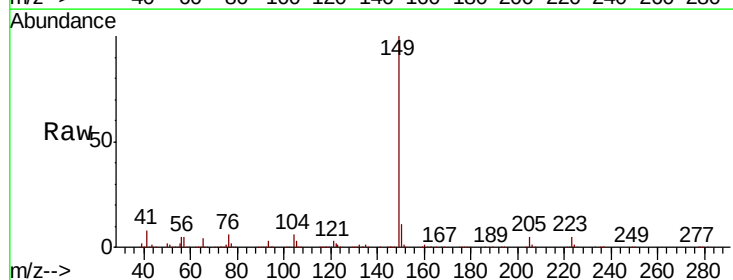
Instrument :
 BNA_G
 ClientSampleId :

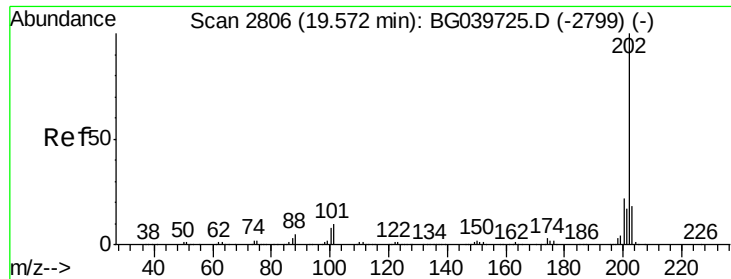
Tot Ion:167 Resp: 1158449
 Ion Ratio Lower Upper
 167 100
 166 24.8 18.4 27.6
 139 14.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 72.095 ng
 RT: 18.47 min Scan# 2618
 Delta R.T. 0.01 min
 Lab File: BG039728.D
 Acq: 4 Mar 2019 12:58

Tgt Ion:149 Resp: 1382086
 Ion Ratio Lower Upper
 149 100
 150 10.5 8.0 12.0
 104 5.6 4.1 6.1





#75

Fluoranthene

Concen: 78.774 ng

RT: 19.58 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

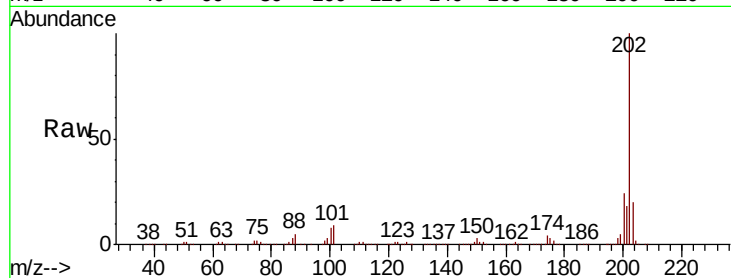
Instrument :

BNA_G

ClientSampleId :

Tot Ion:202 Resp: 1528382

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	29.6
203	19.8	0.0	38.3

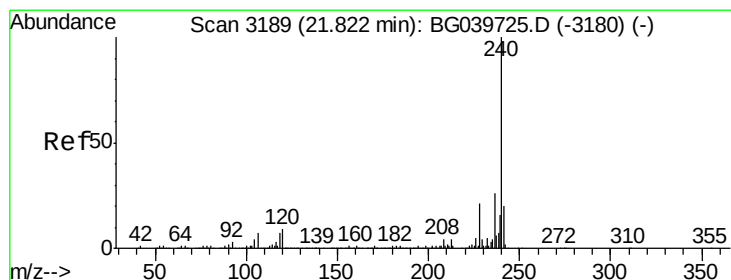
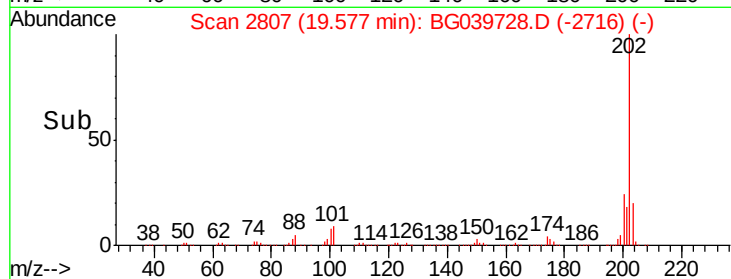
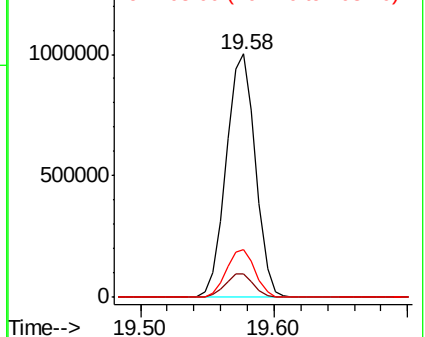


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

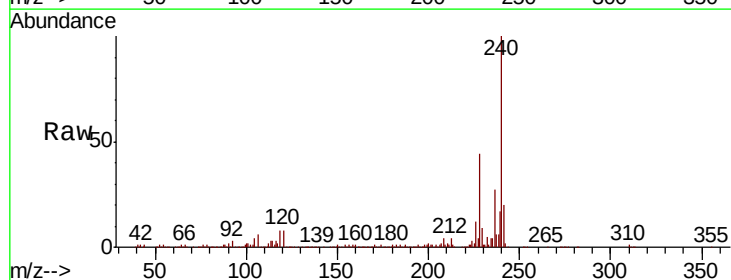
Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion:240 Resp: 322816

Ion	Ratio	Lower	Upper
240	100		
120	7.5	6.9	10.3
236	27.3	20.9	31.3

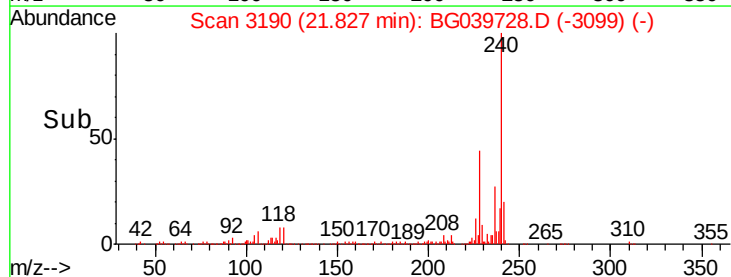
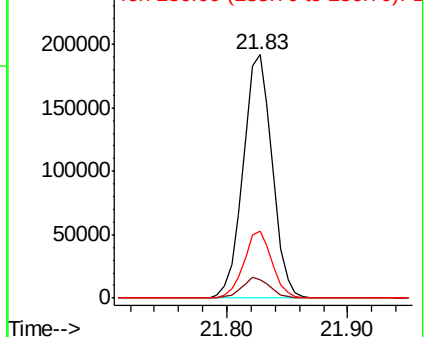


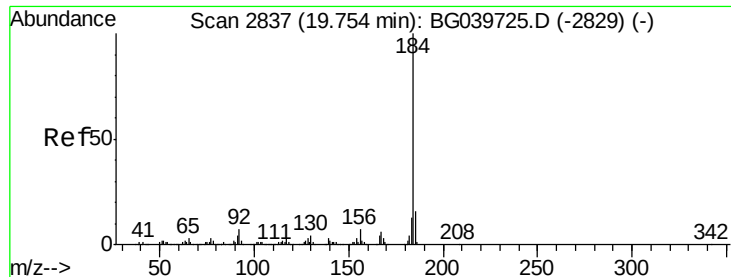
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 78.617 ng

RT: 19.76 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

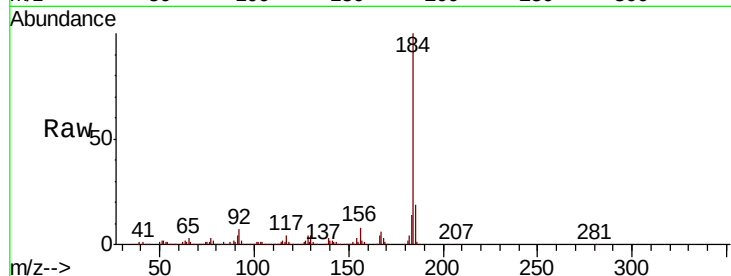
Tot Ion:184 Resp: 832060

Ion Ratio Lower Upper

184 100

185 18.8 13.1 19.7

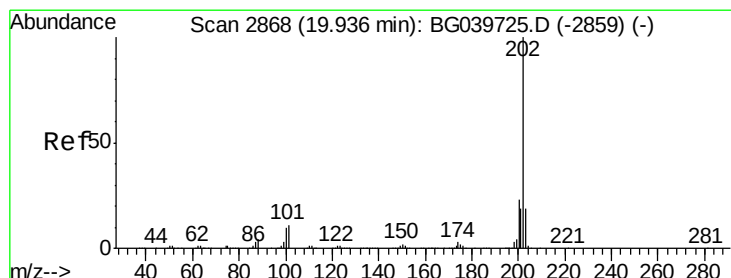
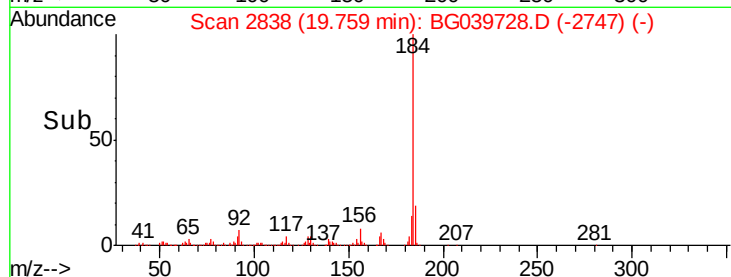
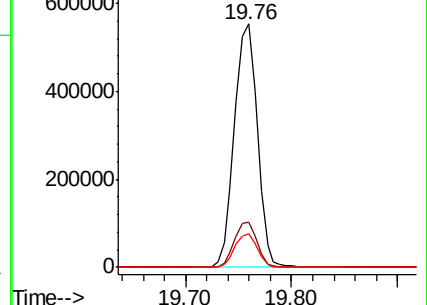
183 14.1 10.5 15.7



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 75.927 ng

RT: 19.94 min Scan# 2869

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

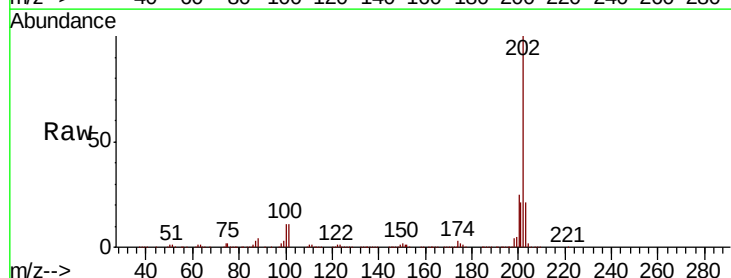
Tgt Ion:202 Resp: 1525850

Ion Ratio Lower Upper

202 100

200 25.3 18.1 27.1

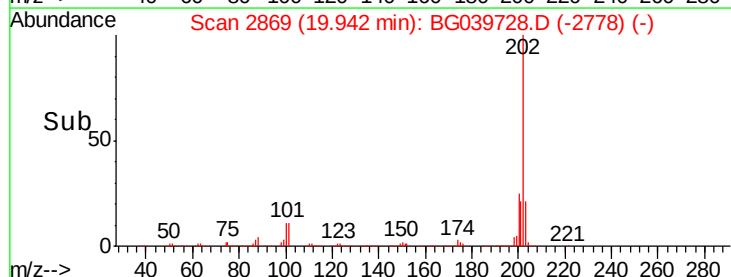
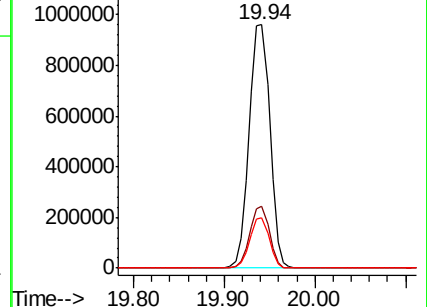
203 20.6 14.9 22.3

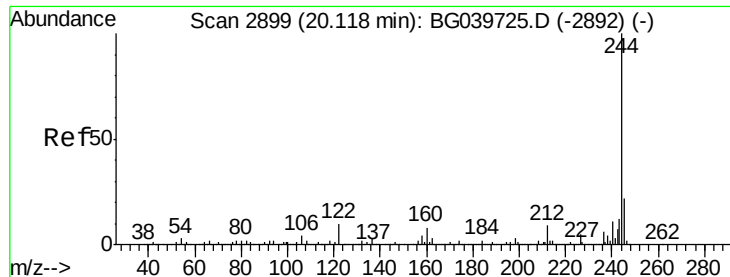


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 131.541 ng

RT: 20.12 min Scan# 2900

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

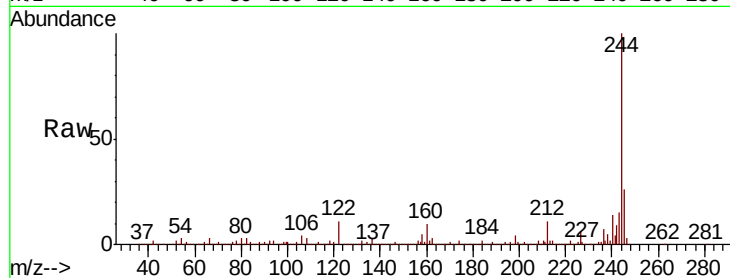
Tot Ion:244 Resp: 2006125

Ion Ratio Lower Upper

244 100

212 10.7 7.4 11.0

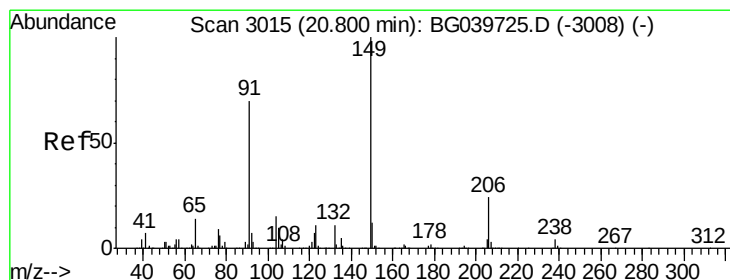
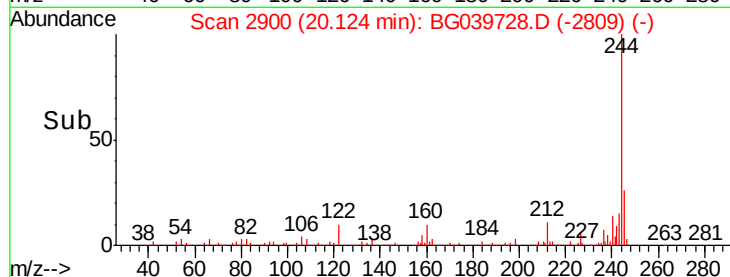
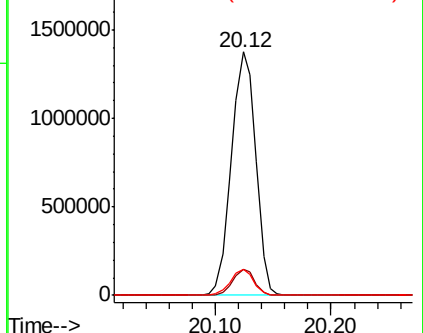
122 10.6 7.8 11.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 79.072 ng

RT: 20.81 min Scan# 3016

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

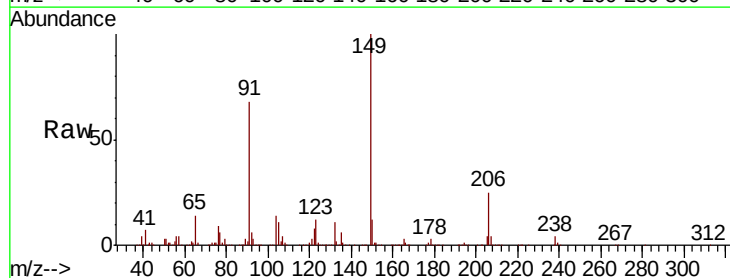
Tgt Ion:149 Resp: 670316

Ion Ratio Lower Upper

149 100

91 67.9 56.1 84.1

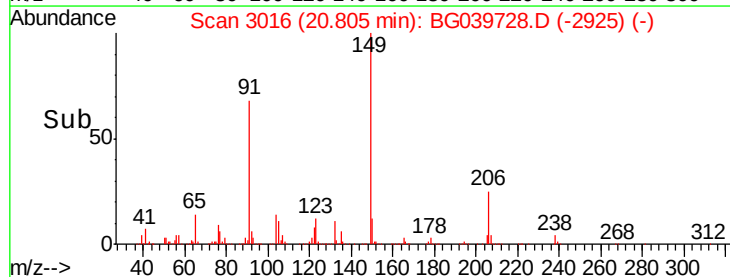
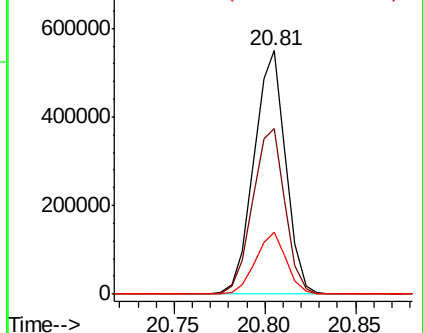
206 25.5 19.0 28.6

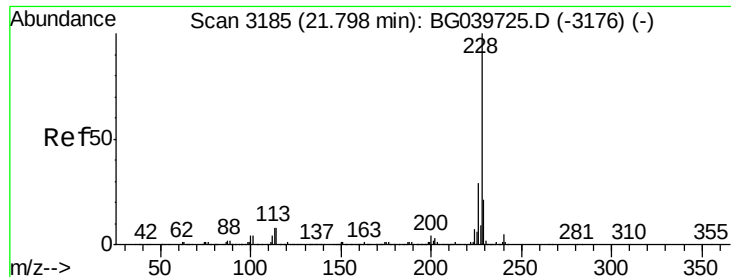


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 80.577 ng

RT: 21.80 min Scan# 3186

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampled :

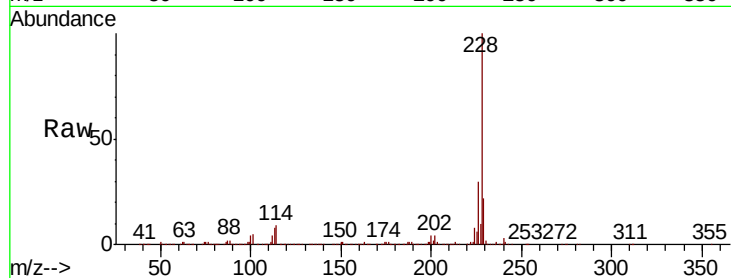
Tot Ion:228 Resp: 1537014

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.0	34.4
229	22.3	17.0	25.4

228 100

226 30.4 23.0 34.4

229 22.3 17.0 25.4

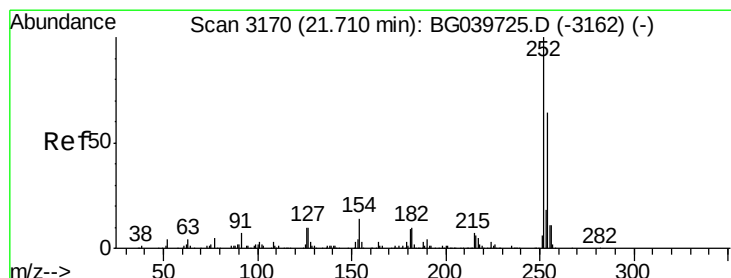
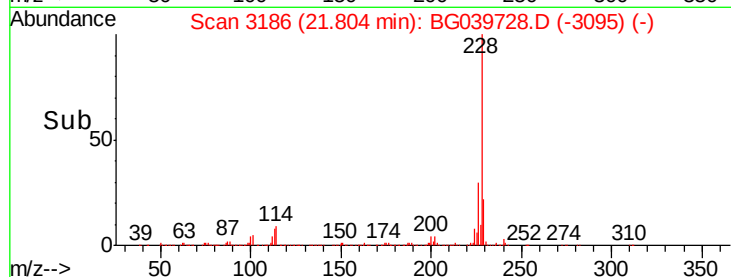
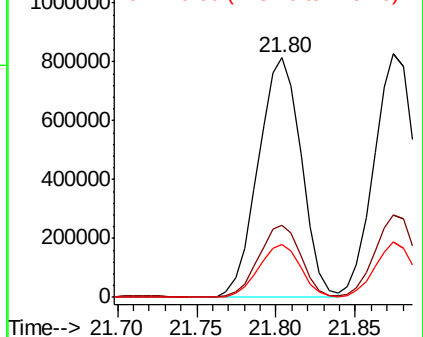


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 81.449 ng

RT: 21.72 min Scan# 3171

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

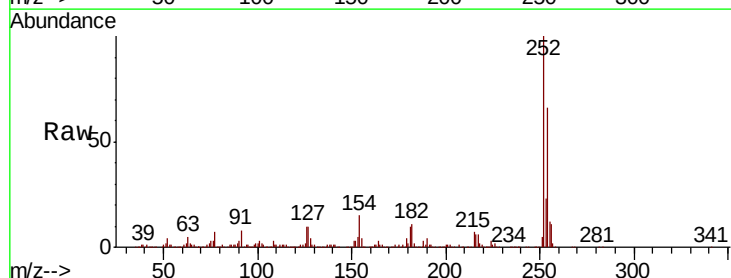
Tgt Ion:252 Resp: 576078

Ion	Ratio	Lower	Upper
252	100		
254	65.6	51.5	77.3
126	10.5	8.0	12.0

252 100

254 65.6 51.5 77.3

126 10.5 8.0 12.0

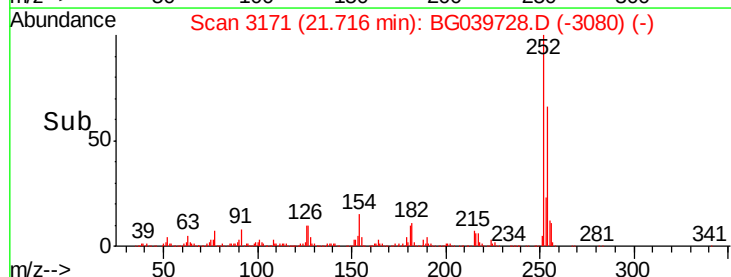
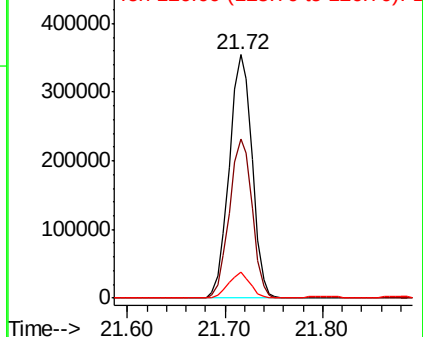


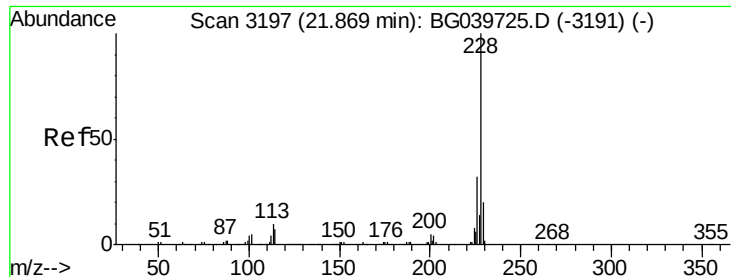
Abundance

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





#83

Chrysene

Concen: 80.812 ng

RT: 21.87 min Scan# 3198

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

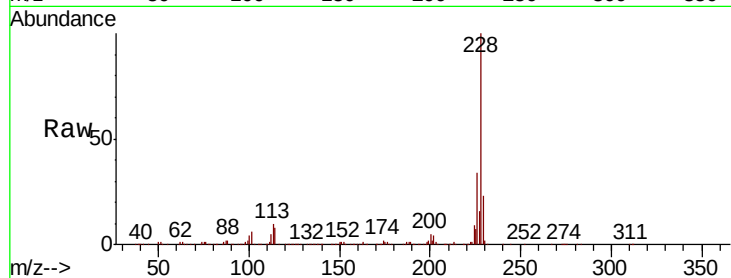
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 1467398

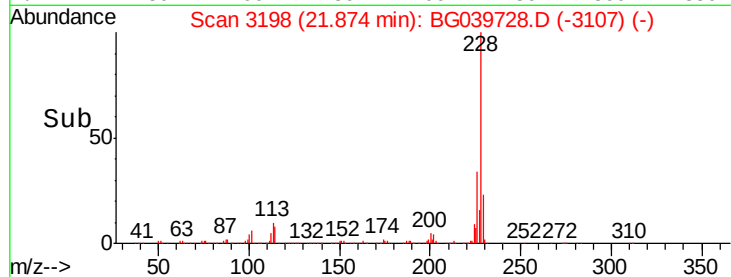
Ion	Ratio	Lower	Upper
228	100		
226	34.0	25.3	37.9
229	22.6	16.3	24.5



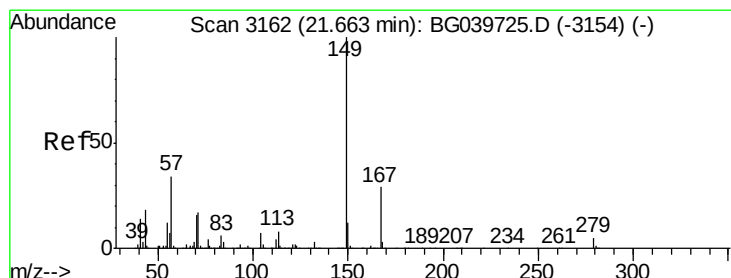
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 76.306 ng

RT: 21.67 min Scan# 3163

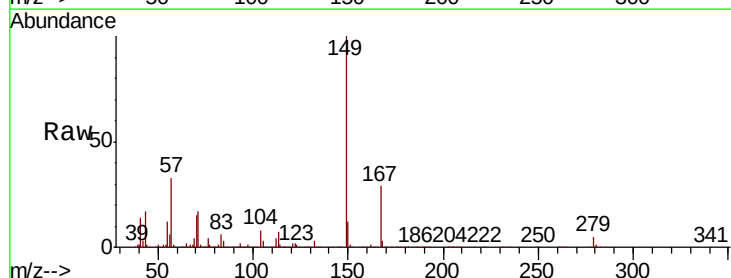
Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Tgt Ion:149 Resp: 922845

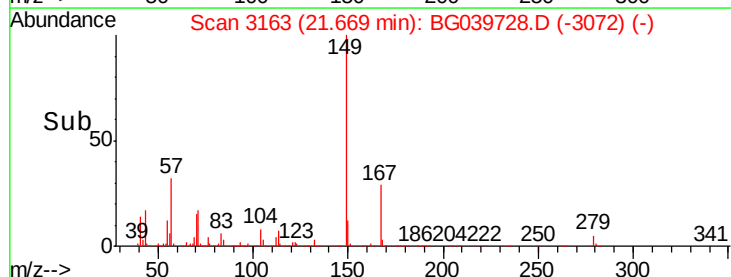
Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.0	34.6
279	5.0	3.9	5.9



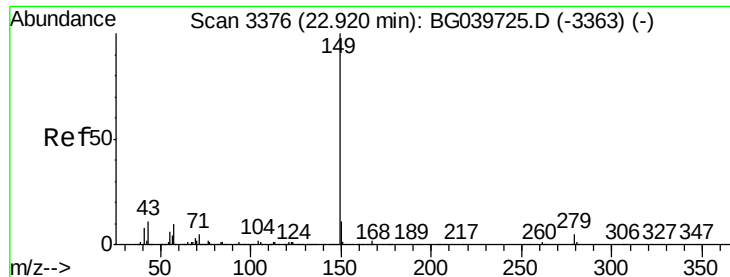
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



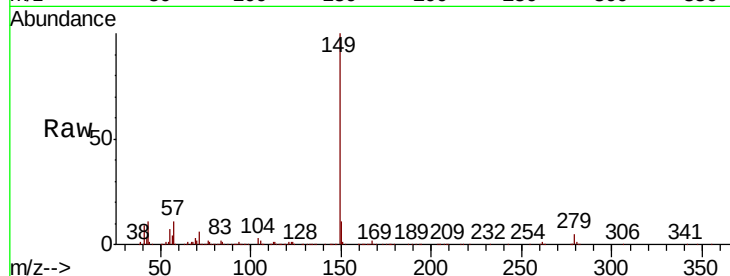
Time-->



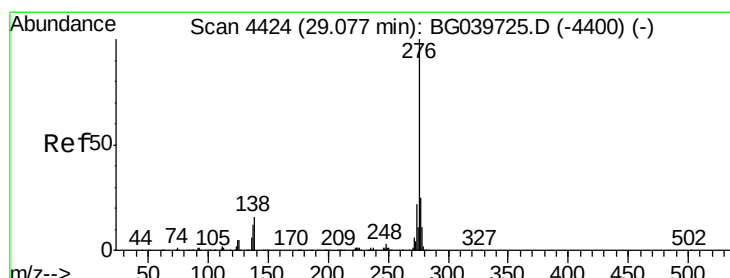
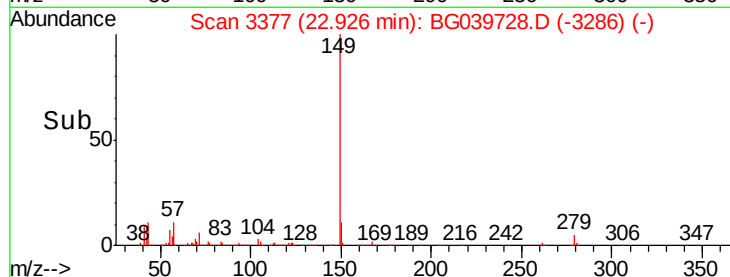
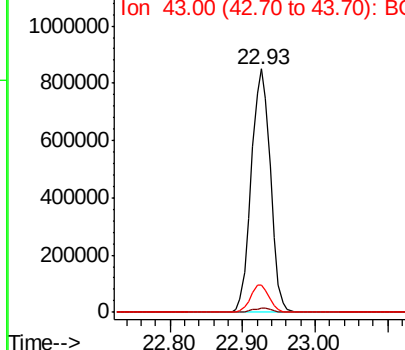
#85
Di-n-octyl phthalate
Concen: 77.613 ng
RT: 22.93 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 1550758
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 11.2 8.5 12.7

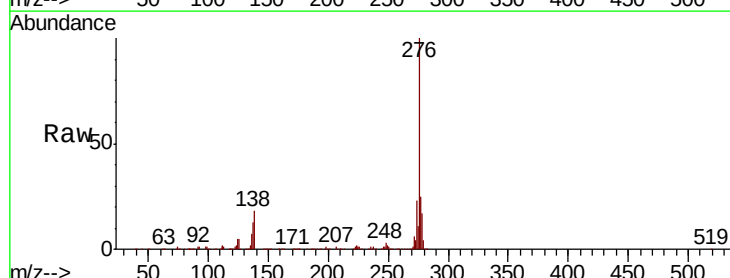


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

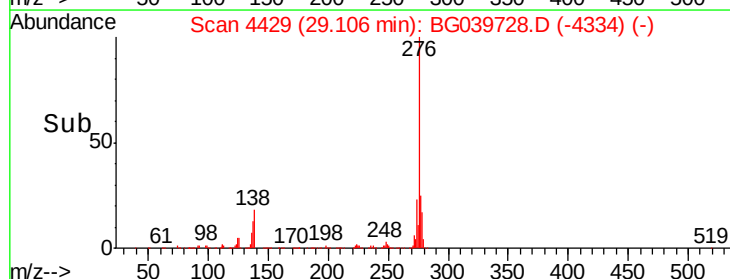
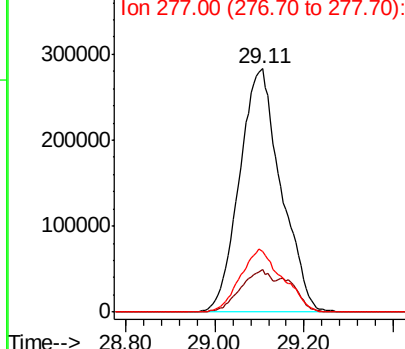


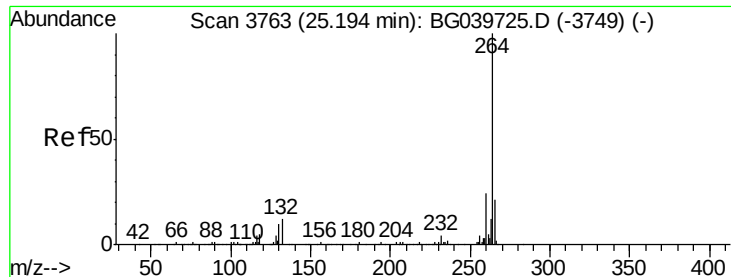
#86
Indeno(1,2,3-cd)pyrene
Concen: 93.731 ng
RT: 29.11 min Scan# 4429
Delta R.T. 0.03 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:276 Resp: 1826089
Ion Ratio Lower Upper
276 100
138 13.2 12.2 18.2
277 26.3 20.5 30.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

Instrument :

BNA_G

ClientSampleId :

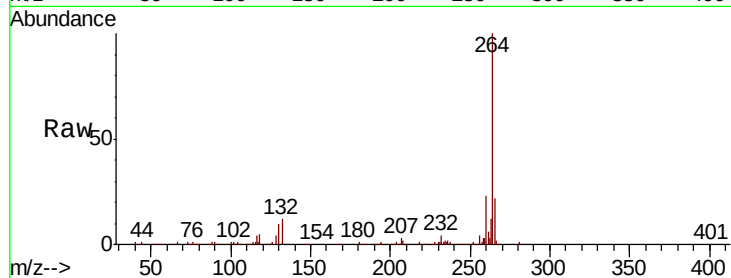
Tot Ion:264 Resp: 333453

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.6 16.6 25.0

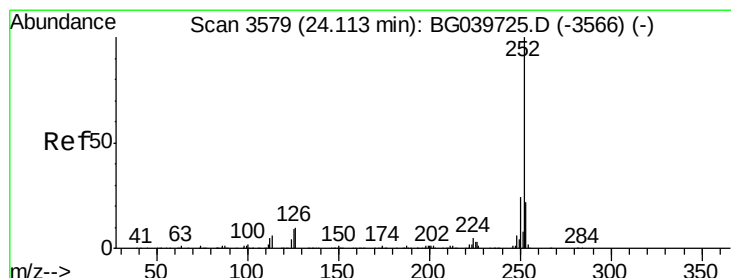
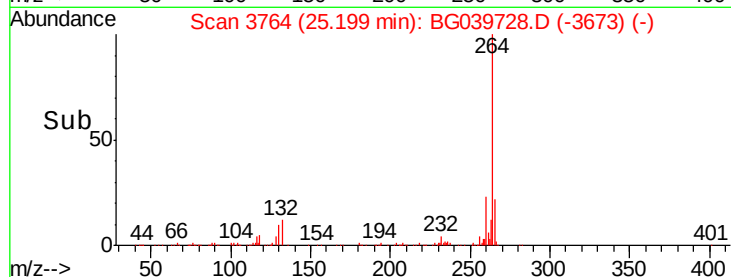
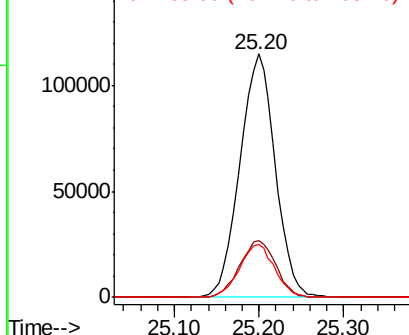


Abundance

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



#88

Benzo(b)fluoranthene

Concen: 86.977 ng

RT: 24.12 min Scan# 3581

Delta R.T. 0.01 min

Lab File: BG039728.D

Acq: 4 Mar 2019 12:58

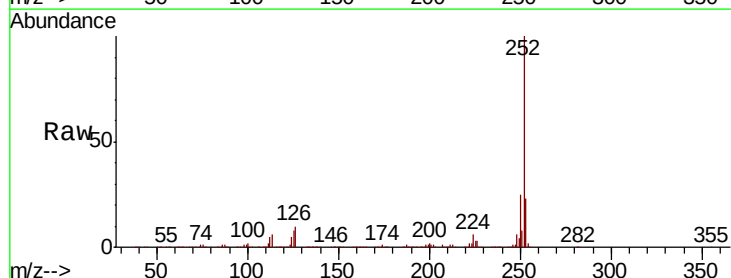
Tgt Ion:252 Resp: 1581676

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

125 8.5 6.9 10.3

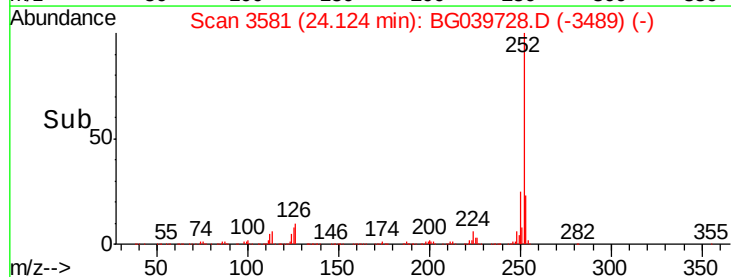
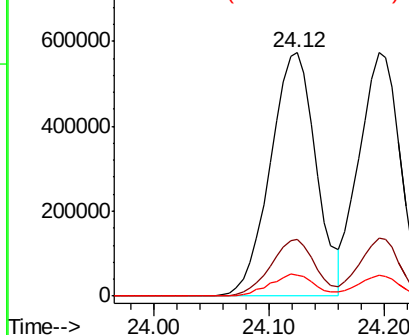


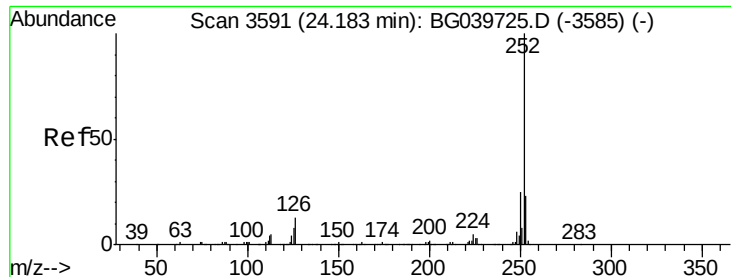
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

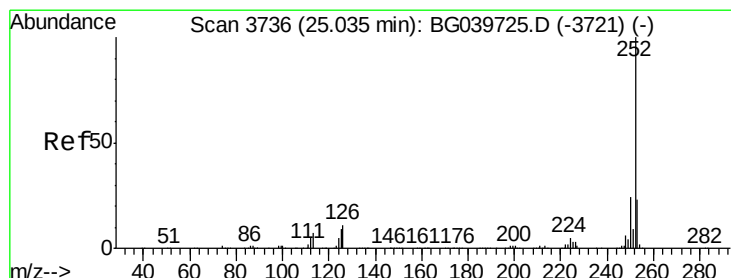
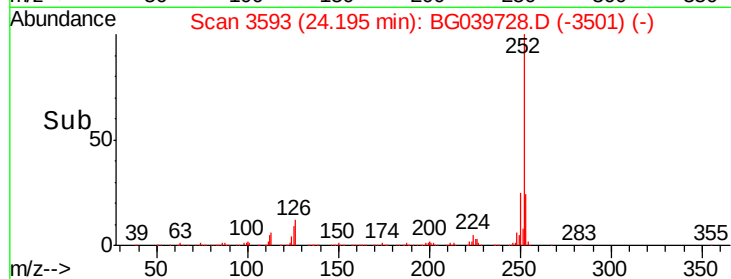
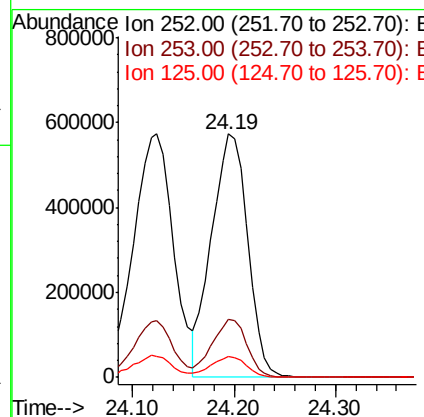
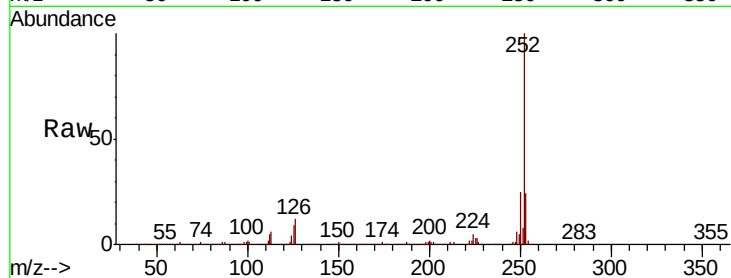




#89
Benzo(k)fluoranthene
Concen: 77.457 ng
RT: 24.19 min Scan# 3593
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

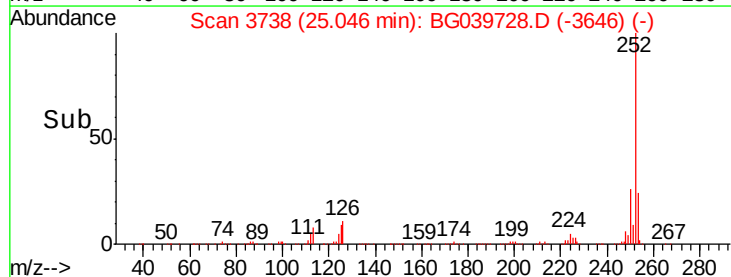
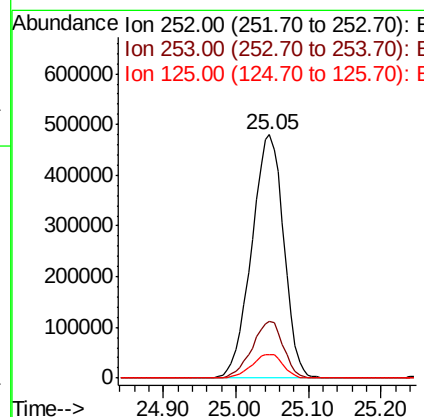
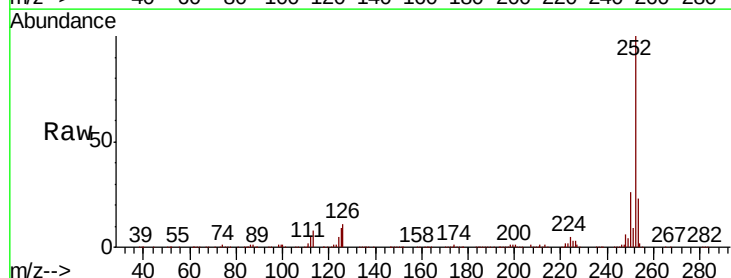
Instrument :
BNA_G
ClientSampleId :

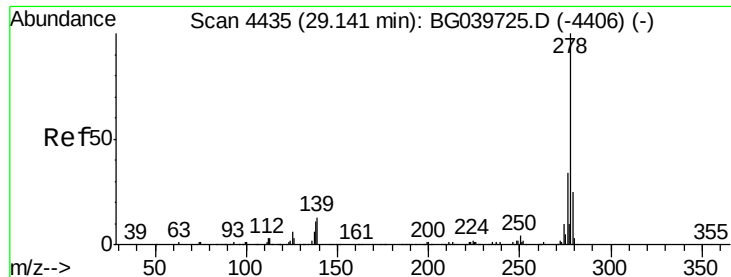
Tot Ion:252 Resp: 1414161
Ion Ratio Lower Upper
252 100
253 23.7 18.3 27.5
125 8.6 6.5 9.7



#90
Benzo(a)pyrene
Concen: 84.189 ng
RT: 25.05 min Scan# 3738
Delta R.T. 0.01 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:252 Resp: 1474454
Ion Ratio Lower Upper
252 100
253 23.5 18.3 27.5
125 9.4 7.4 11.2

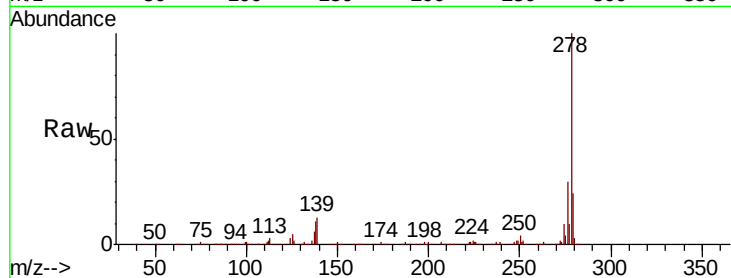




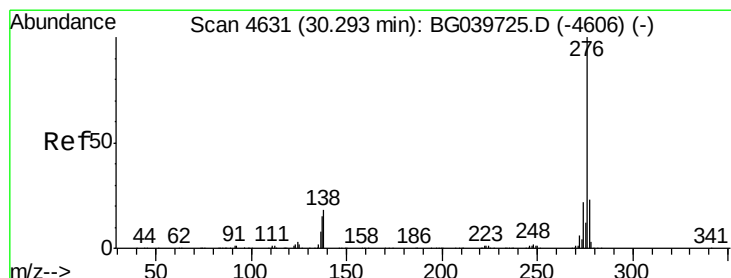
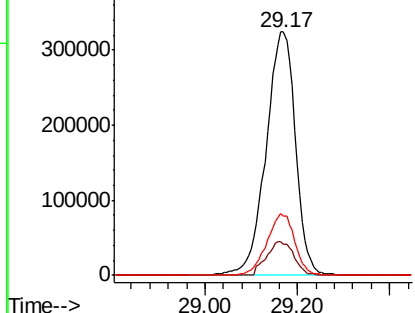
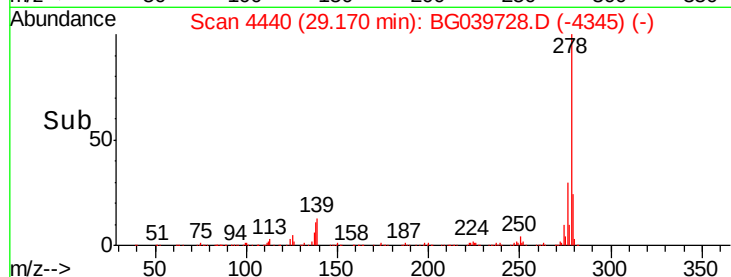
#91
Dibenzo(a,h)anthracene
Concen: 87.379 ng
RT: 29.17 min Scan# 4440
Delta R.T. 0.03 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1433132
Ion Ratio Lower Upper
278 100
139 13.0 10.5 15.7
279 24.4 20.2 30.4

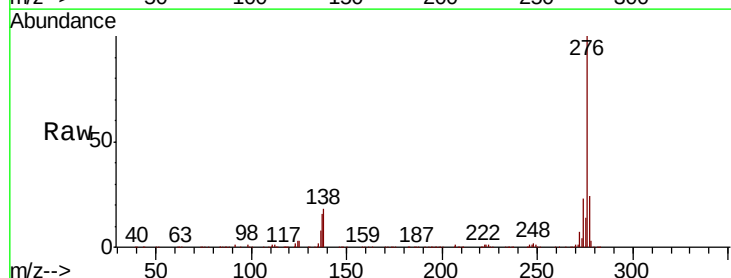


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 90.144 ng
RT: 30.33 min Scan# 4638
Delta R.T. 0.04 min
Lab File: BG039728.D
Acq: 4 Mar 2019 12:58

Tgt Ion:276 Resp: 1473646
Ion Ratio Lower Upper
276 100
277 24.4 18.3 27.5
138 18.0 14.4 21.6



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

