

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039997.D
 Acq On : 19 Mar 2019 9:04
 Operator : JU/SJ
 Sample : K1687-08MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:28:50 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 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	43207	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	172275	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	110523	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	269277	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	279401	20.00	ng	-0.02
87) Perylene-d12	25.17	264	284634	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	330709	130.58	ng	-0.02
7) Phenol-d6	7.30	99	433532	114.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	311296	97.73	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	193886	150.51	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	722481	93.07	ng	-0.02
79) Terphenyl-d14	20.11	244	1163111	91.66	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.59	88	39945	34.163	ng	# 18
3) Pyridine	4.00	79	102172	32.640	ng	98
4) n-Nitrosodimethylamine	3.91	42	63719	42.909	ng	# 95
6) Aniline	7.47	93	35009	7.076	ng	96
8) 2-Chlorophenol	7.71	128	129649	42.196	ng	97
9) Benzaldehyde	7.29	77	50852	20.876	ng	99
10) Phenol	7.33	94	150332	36.747	ng	96
11) bis(2-Chloroethyl)ether	7.56	93	134203	42.075	ng	100
12) 1,3-Dichlorobenzene	8.03	146	149123	42.913	ng	95
13) 1,4-Dichlorobenzene	8.18	146	149892	42.347	ng	99
14) 1,2-Dichlorobenzene	8.50	146	142912	41.788	ng	98
15) Benzyl Alcohol	8.38	79	126734	42.307	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	268320	42.061	ng	99
17) 2-Methylphenol	8.58	107	112354	43.072	ng	99
18) Hexachloroethane	9.22	117	53612	42.212	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	107335	39.489	ng	96
20) 3+4-Methylphenols	8.91	107	151333	41.760	ng	97
22) Acetophenone	8.98	105	201431	43.564	ng	# 98
24) Nitrobenzene	9.37	77	163966	49.068	ng	98
25) Isophorone	9.88	82	301875	45.230	ng	99
26) 2-Nitrophenol	10.08	139	77749	48.189	ng	94
27) 2,4-Dimethylphenol	10.12	122	135170	53.868	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	182866	45.086	ng	97
29) 2,4-Dichlorophenol	10.61	162	143024	50.625	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	150140	47.228	ng	97
31) Naphthalene	11.02	128	420973	46.153	ng	100
32) Benzoic acid	10.24	122	37262	25.253	ng	99
33) 4-Chloroaniline	11.13	127	7118	1.840	ng	# 90
34) Hexachlorobutadiene	11.27	225	101949	46.929	ng	96
35) Caprolactam	11.92	113	26479	24.536	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	153149	47.289	ng	98
37) 2-Methylnaphthalene	12.61	142	312177	45.778	ng	97
38) 1-Methylnaphthalene	12.83	142	297030	44.821	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176955	47.261	ng	99

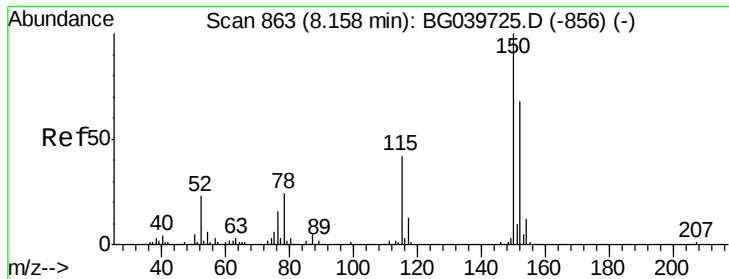
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	211150	105.230	nq	98
43) 2,4,6-Trichlorophenol	13.21	196	116555	53.171	nq	100
44) 2,4,5-Trichlorophenol	13.28	196	125125	50.640	nq	97
46) 1,1'-Biphenyl	13.61	154	415986	45.761	nq	100
47) 2-Chloronaphthalene	13.66	162	322413	47.146	nq	98
48) 2-Nitroaniline	13.86	65	112745	51.301	nq	96
49) Acenaphthylene	14.50	152	517048	46.057	nq	100
50) Dimethylphthalate	14.22	163	424046	45.883	nq	99
51) 2,6-Dinitrotoluene	14.35	165	95058	48.518	nq	96
52) Acenaphthene	14.83	154	312361	46.229	nq	99
53) 3-Nitroaniline	14.69	138	10420	5.291	nq	# 97
54) 2,4-Dinitrophenol	14.89	184	25644	24.648	nq	96
55) Dibenzofuran	15.17	168	514151	46.379	nq	98
56) 4-Nitrophenol	14.99	139	136866	77.686	nq	94
57) 2,4-Dinitrotoluene	15.13	165	137479	49.939	nq	91
58) Fluorene	15.82	166	402704	46.208	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.39	232	121551	50.371	nq	99
60) Diethylphthalate	15.57	149	433270	47.358	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	217207	46.706	nq	99
62) 4-Nitroaniline	15.85	138	93354	43.724	nq	98
63) Azobenzene	16.09	77	398987	48.111	nq	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	36380	22.850	nq	95
66) n-Nitrosodiphenylamine	16.02	169	372896	47.834	nq	98
67) 4-Bromophenyl-phenylether	16.70	248	141710	47.015	nq	96
68) Hexachlorobenzene	16.81	284	145295	46.504	nq	98
69) Atrazine	16.96	200	148708	48.470	nq	96
70) Pentachlorophenol	17.16	266	121097	61.372	nq	97
71) Phenanthrene	17.56	178	682765	46.033	nq	99
72) Anthracene	17.65	178	692407	47.905	nq	100
73) Carbazole	17.92	167	623572	47.856	nq	98
74) Di-n-butylphthalate	18.45	149	747377	48.750	nq	100
75) Fluoranthene	19.56	202	827318	47.197	nq	99
77) Benzidine	19.74	184	63992	7.218	nq	96
78) Pyrene	19.92	202	846412	46.620	nq	100
80) Butylbenzylphthalate	20.78	149	356118	50.628	nq	98
81) Benzo(a)anthracene	21.78	228	805862	46.021	nq	99
82) 3,3'-Dichlorobenzidine	21.70	252	66125	10.343	nq	94
83) Chrysene	21.85	228	776889	45.763	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	494813	50.060	nq	100
85) Di-n-octyl phthalate	22.89	149	838151	51.212	nq	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	896002	46.524	nq	# 93
88) Benzo(b)fluoranthene	24.09	252	799206	47.086	nq	99
89) Benzo(k)fluoranthene	24.16	252	786590	49.785	nq	99
90) Benzo(a)pyrene	25.01	252	789557	50.341	nq	98
91) Dibenzo(a,h)anthracene	29.10	278	719649	46.803	nq	98
92) Benzo(g,h,i)perylene	30.26	276	727138	47.086	nq	95

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

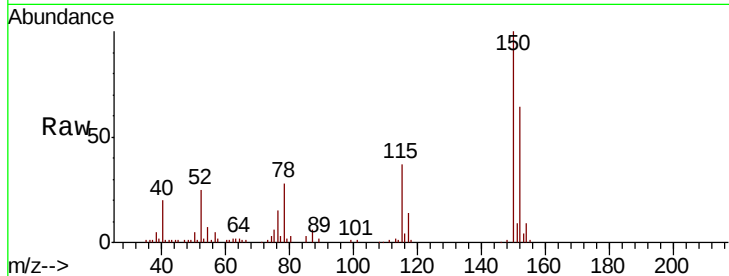


#1

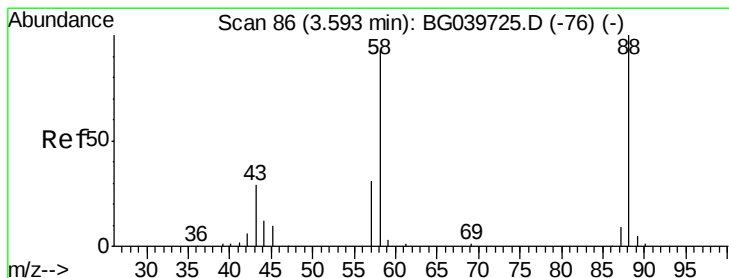
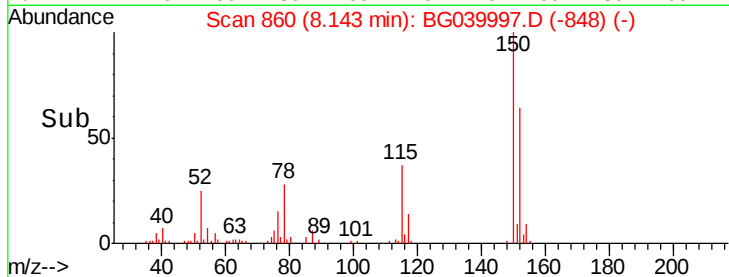
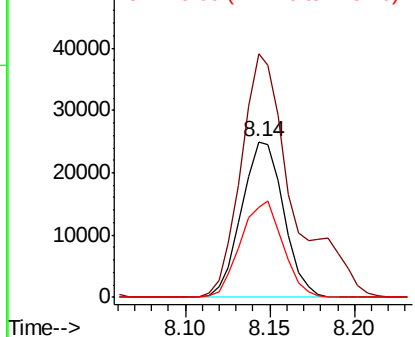
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43207
Ion Ratio Lower Upper
152 100
150 156.5 123.7 185.5
115 58.1 45.9 68.9



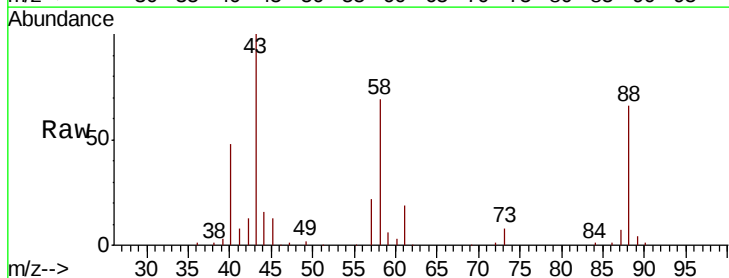
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



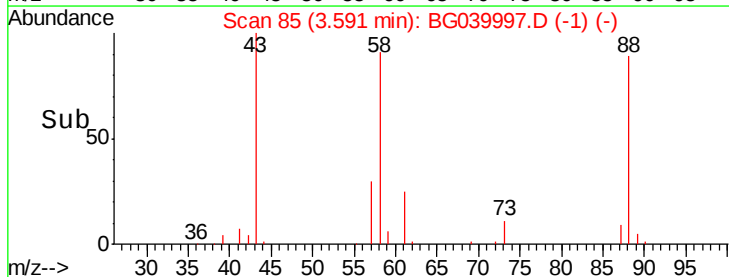
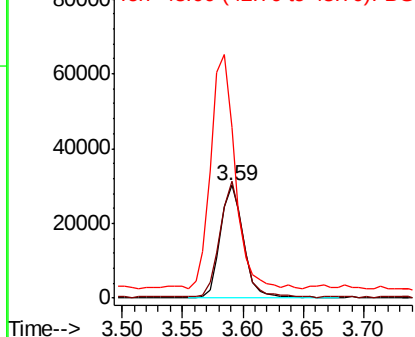
#2

1,4-Dioxane
Concen: 34.163 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion: 88 Resp: 39945
Ion Ratio Lower Upper
88 100
58 101.9 81.1 121.7
43 218.0 31.4 47.0#



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: 32.640 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

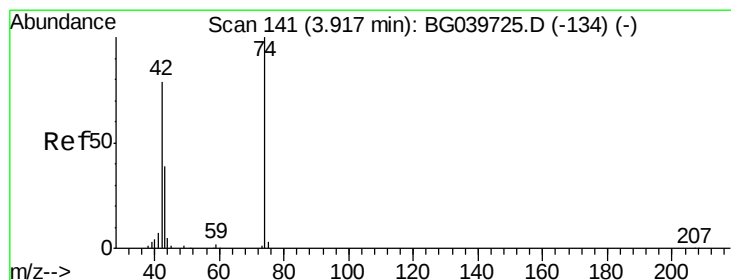
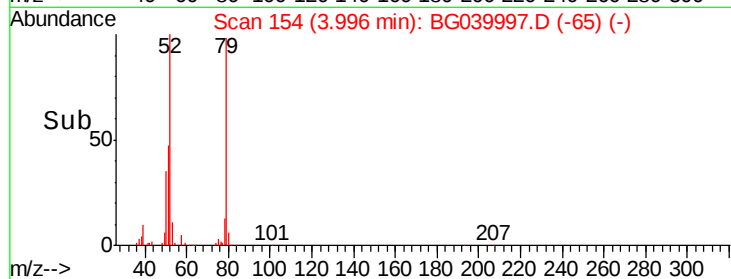
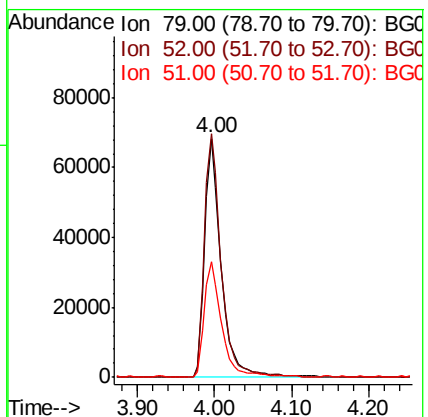
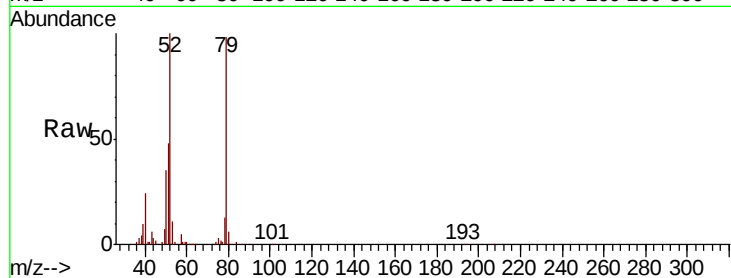
Tot Ion: 79 Resp: 102172

Ion Ratio Lower Upper

79 100

52 101.9 82.6 124.0

51 48.4 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.909 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

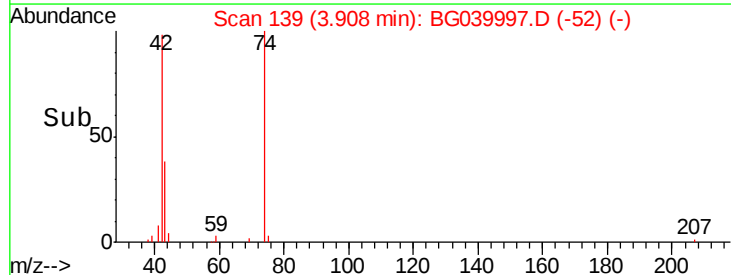
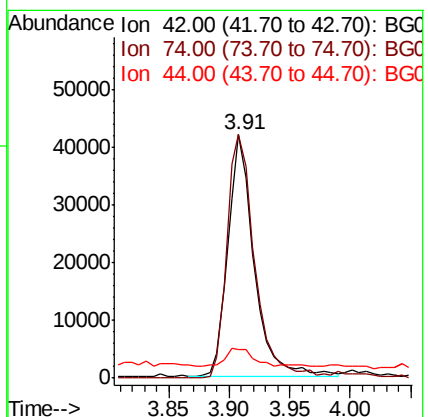
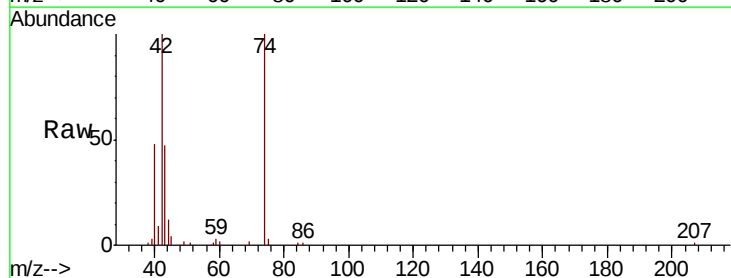
Tgt Ion: 42 Resp: 63719

Ion Ratio Lower Upper

42 100

74 100.1 83.6 125.4

44 12.0 6.9 10.3#





#5

2-Fluorophenol

Concen: 130.579 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

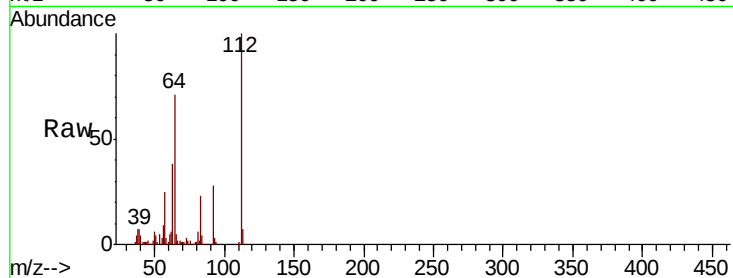
Tot Ion:112 Resp: 330709

Ion Ratio Lower Upper

112 100

64 71.2 57.8 86.8

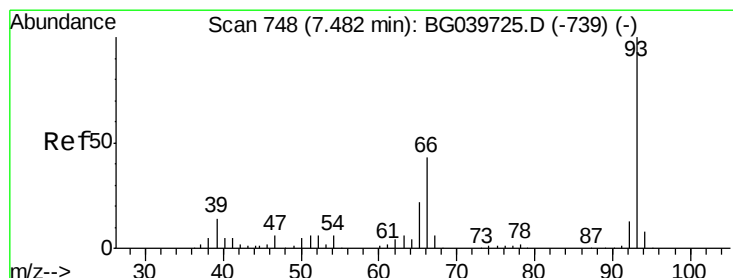
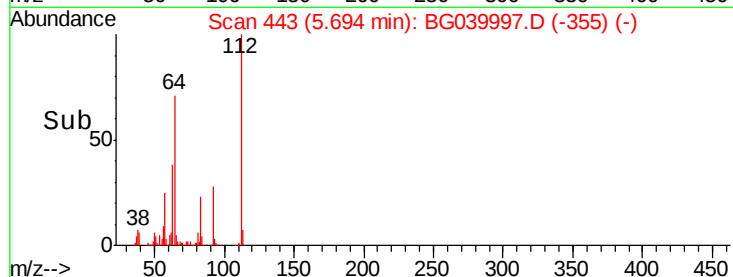
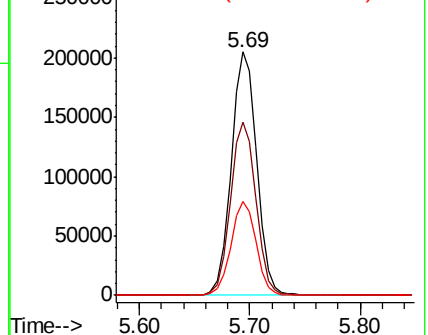
63 38.4 29.8 44.6



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: 7.076 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

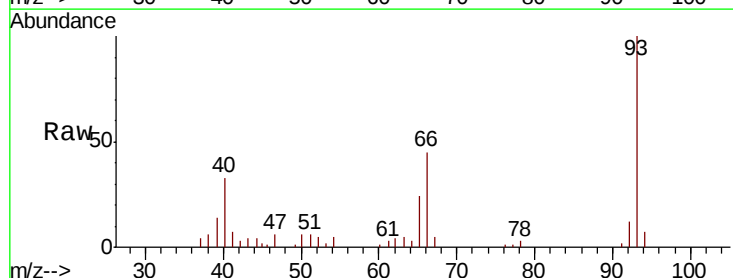
Tgt Ion: 93 Resp: 35009

Ion Ratio Lower Upper

93 100

66 45.0 34.2 51.4

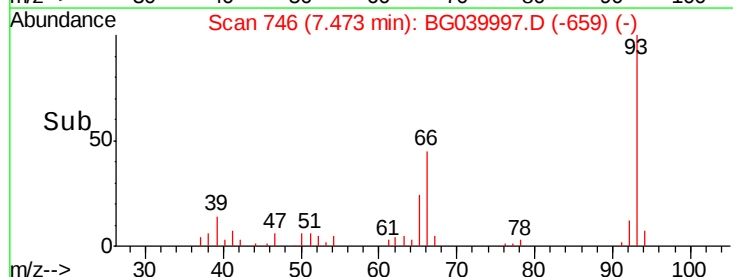
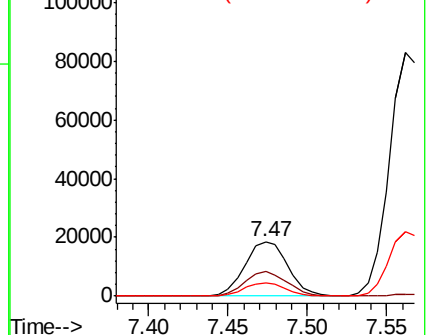
65 24.5 17.7 26.5



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: 114.803 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

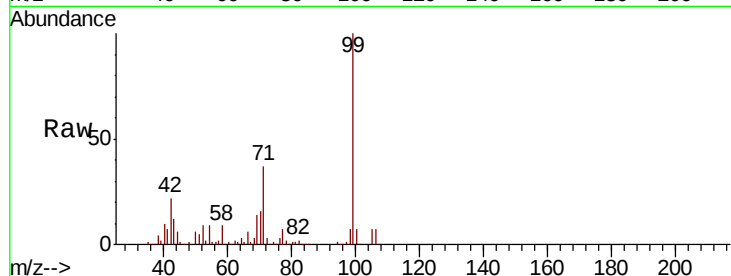
Tot Ion: 99 Resp: 433532

Ion Ratio Lower Upper

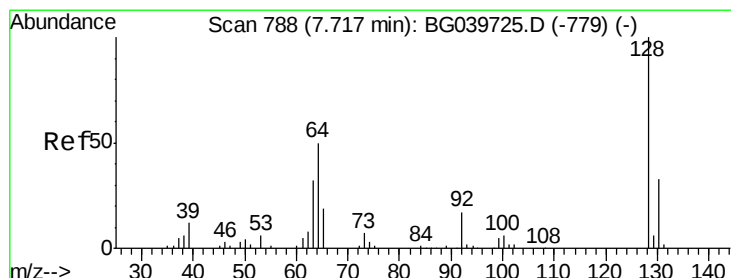
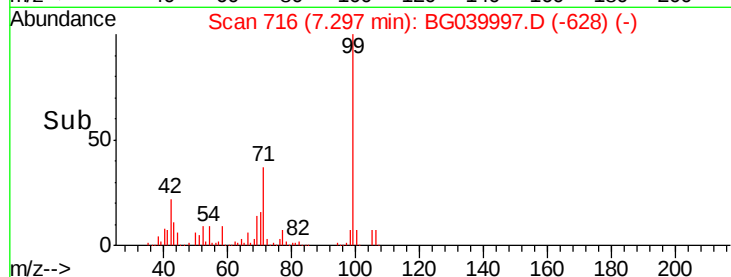
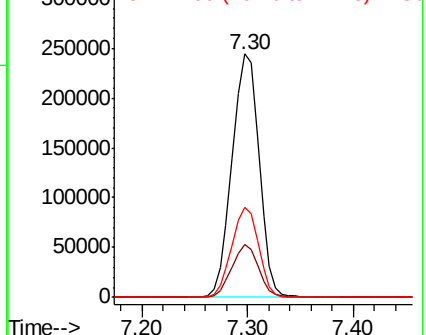
99 100

42 21.8 18.2 27.2

71 36.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 42.196 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

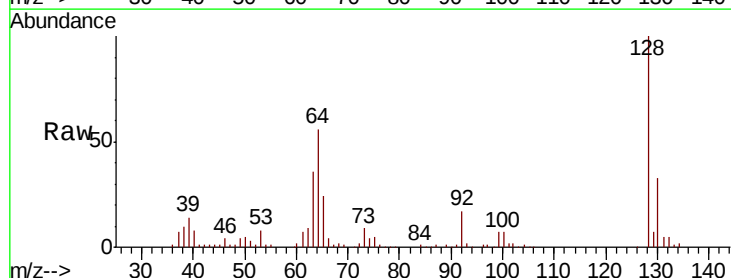
Tgt Ion: 128 Resp: 129649

Ion Ratio Lower Upper

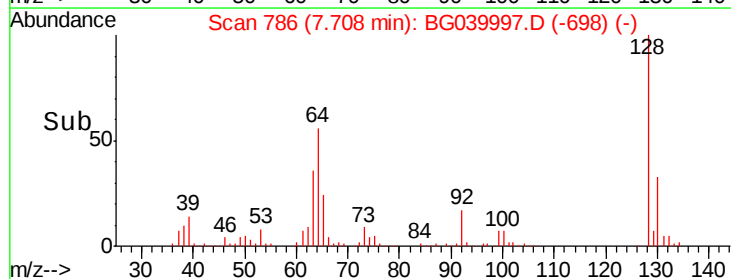
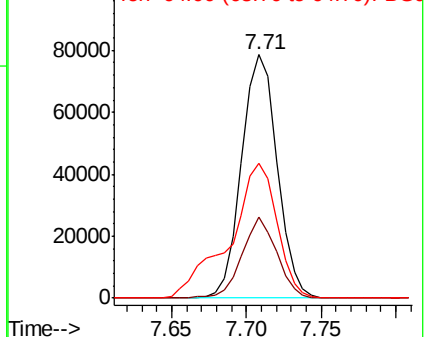
128 100

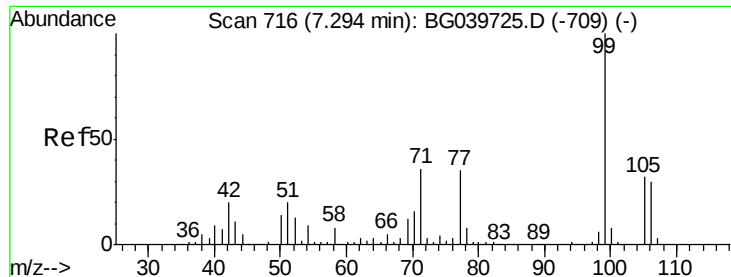
130 33.1 12.9 52.9

64 55.6 38.7 78.7



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





#9

Benzaldehyde

Concen: 20.876 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

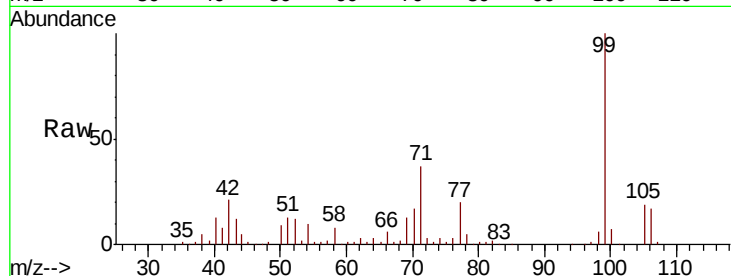
Tot Ion: 77 Resp: 50852

Ion Ratio Lower Upper

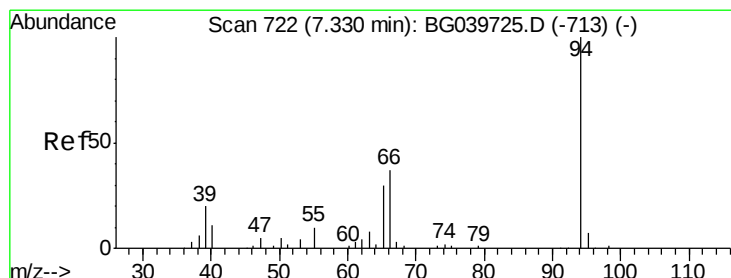
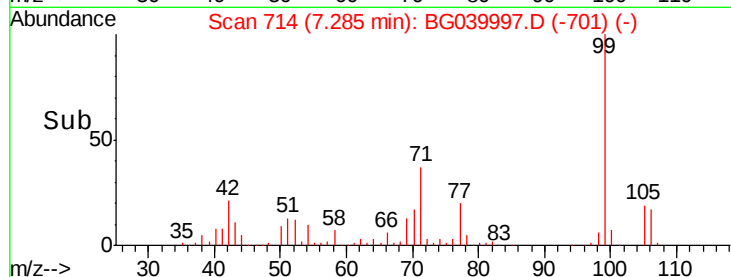
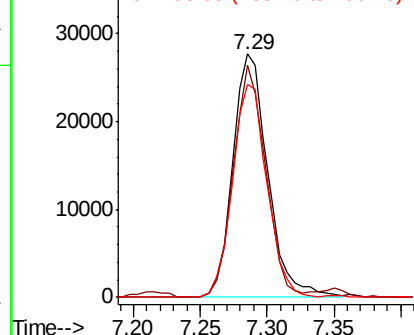
77 100

105 95.6 74.5 114.5

106 87.3 68.0 108.0



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



#10

Phenol

Concen: 36.747 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

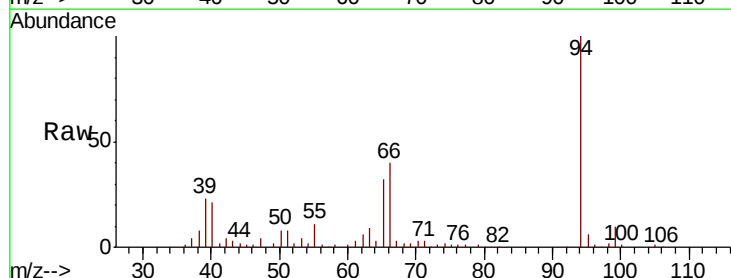
Tgt Ion: 94 Resp: 150332

Ion Ratio Lower Upper

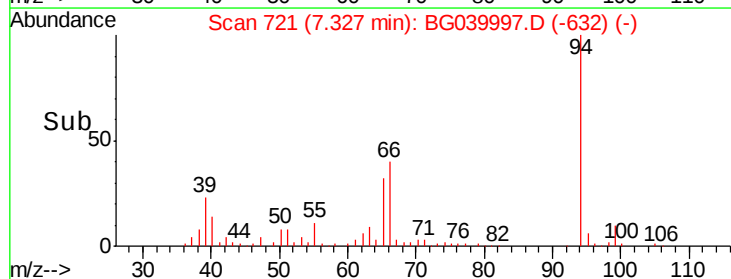
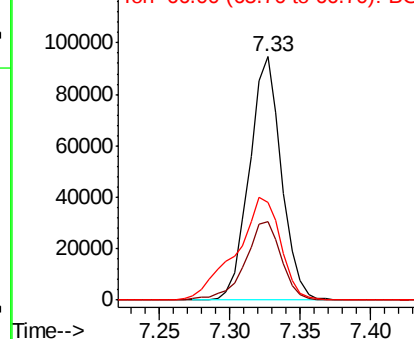
94 100

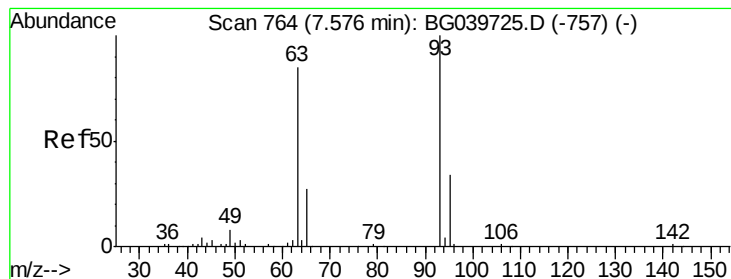
65 32.4 11.7 51.7

66 40.4 23.7 63.7



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

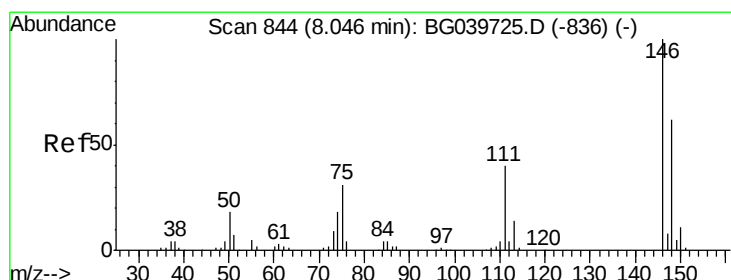
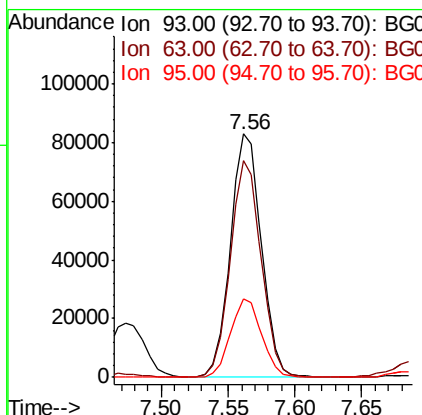
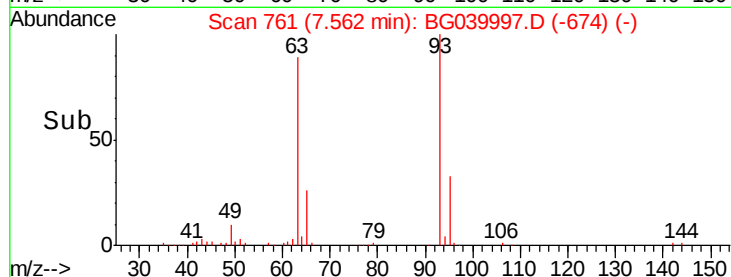
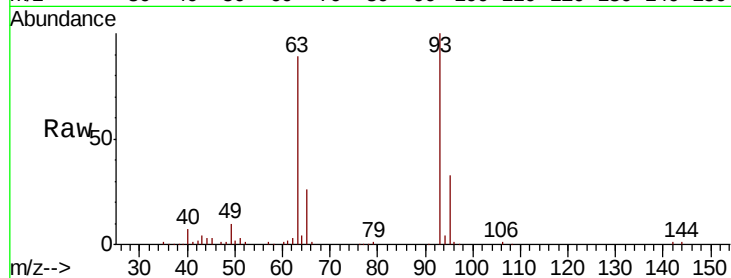




#11
bis(2-Chloroethyl)ether
Concen: 42.075 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

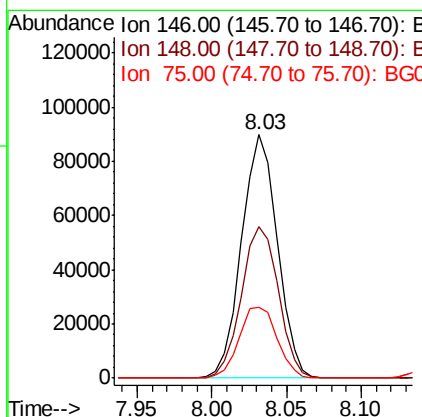
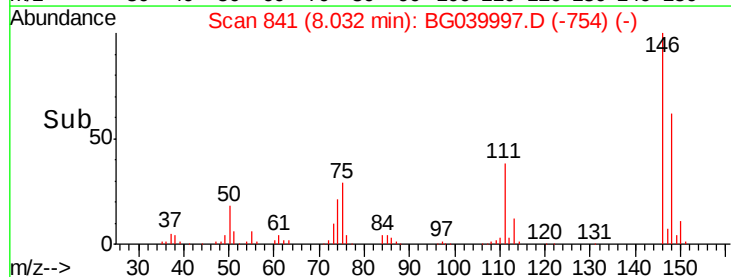
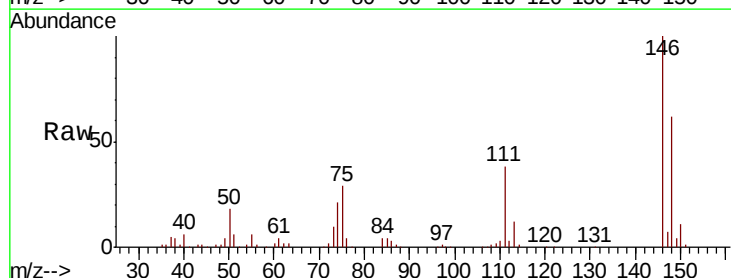
Instrument :
BNA_G
ClientSampleId :

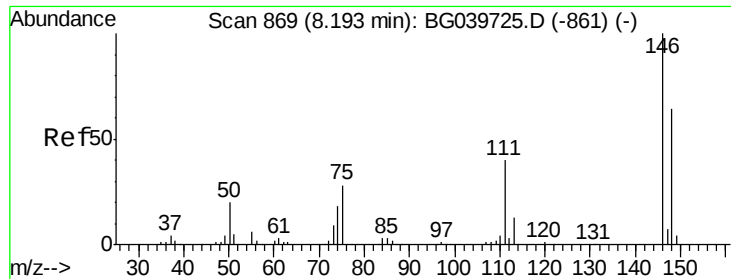
Tot Ion: 93 Resp: 134203
Ion Ratio Lower Upper
93 100
63 89.2 69.5 109.5
95 32.5 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 42.913 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion: 146 Resp: 149123
Ion Ratio Lower Upper
146 100
148 62.0 52.6 79.0
75 29.3 25.8 38.6

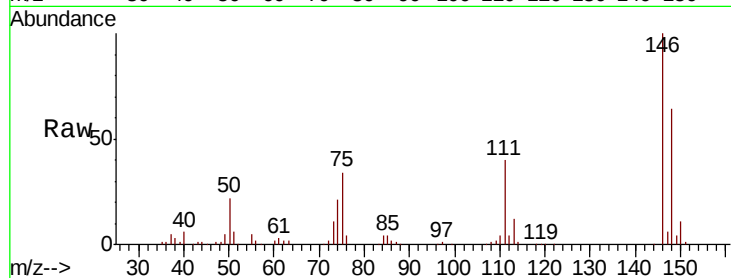




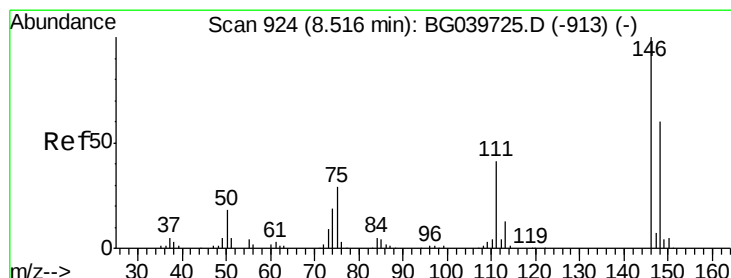
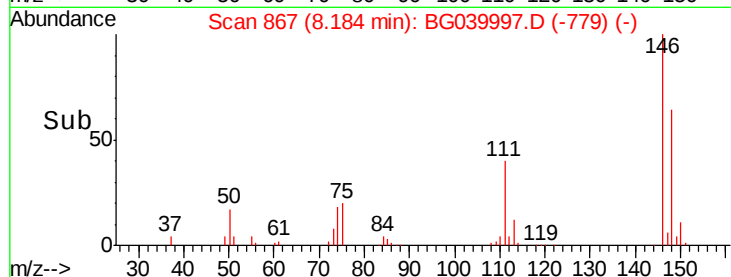
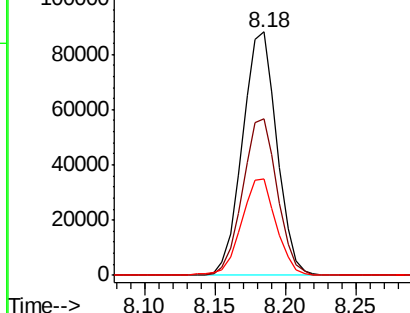
#13
 1,4-Dichlorobenzene
 Concen: 42.347 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 149892
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 39.6 32.6 48.8

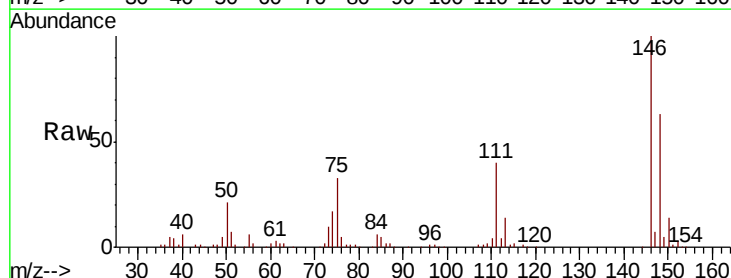


Abundance Ion 146.00 (145.70 to 146.70): E
 120000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

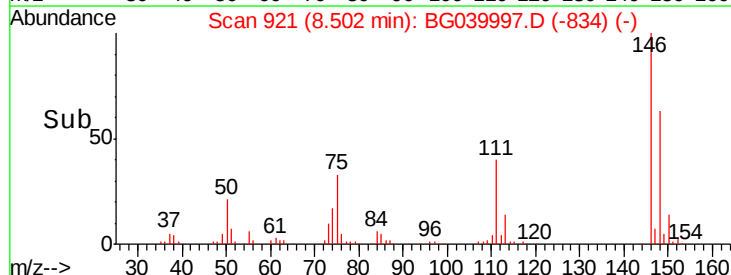
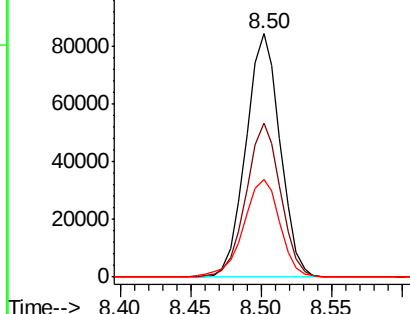


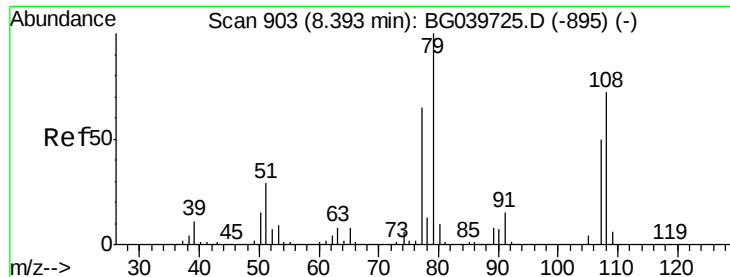
#14
 1,2-Dichlorobenzene
 Concen: 41.788 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:146 Resp: 142912
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.5 77.3
 111 40.3 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 100000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.307 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampled :

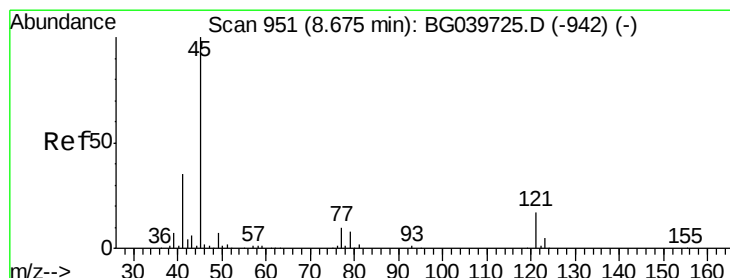
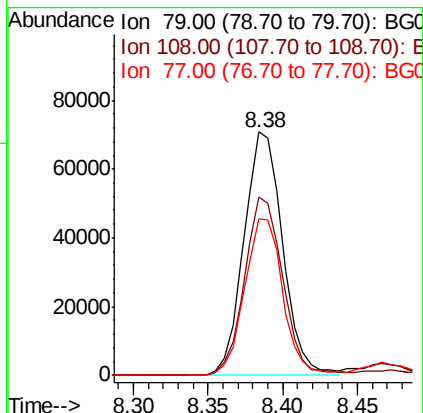
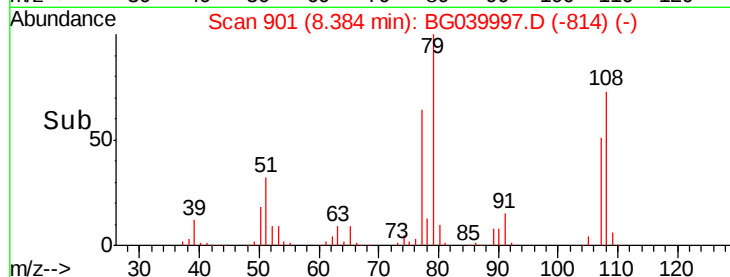
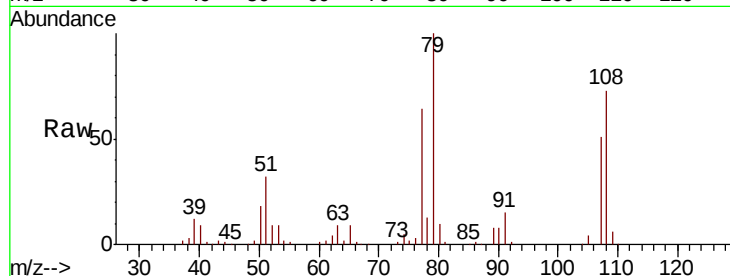
Tot Ion: 79 Resp: 126734

Ion Ratio Lower Upper

79 100

108 73.2 57.8 86.6

77 64.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.061 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

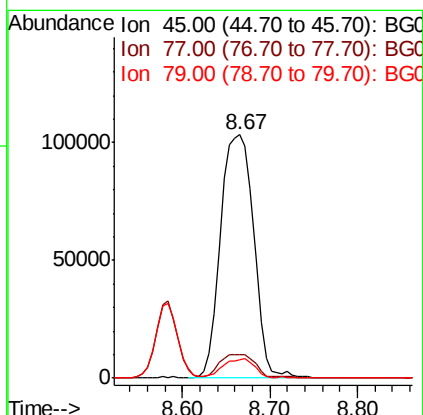
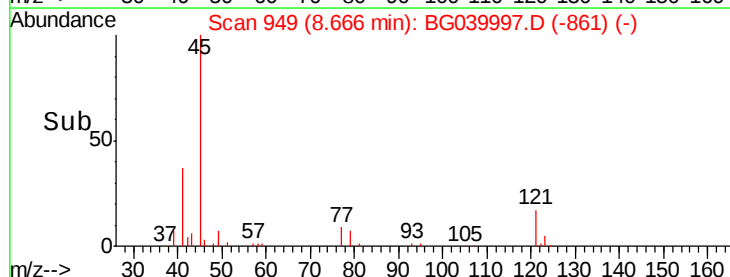
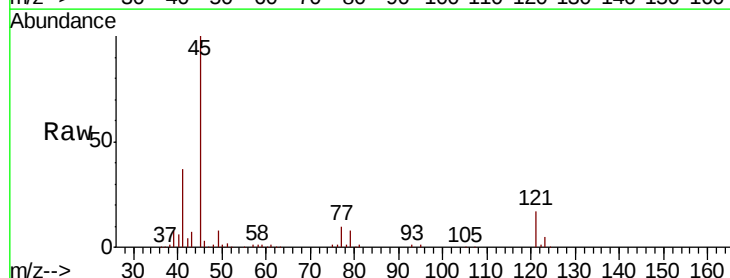
Tgt Ion: 45 Resp: 268320

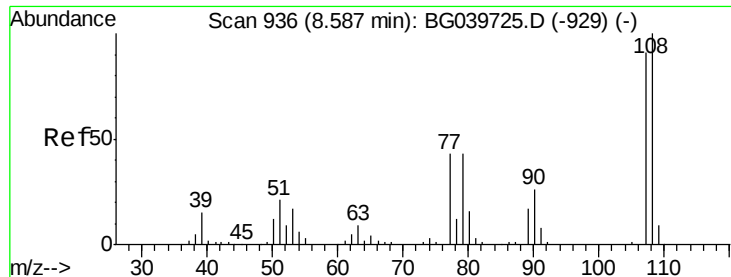
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 7.8 0.0 27.5

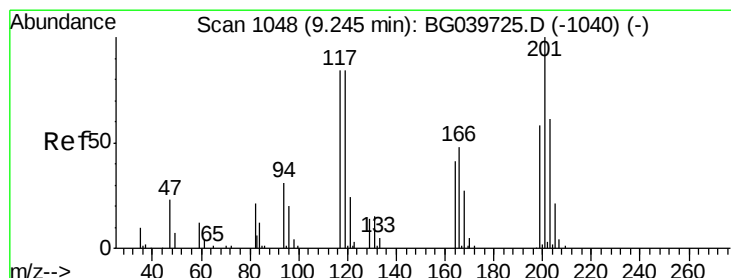
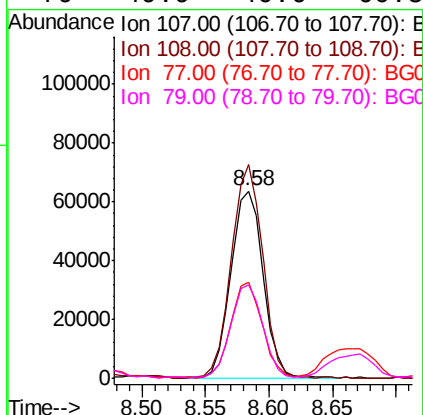
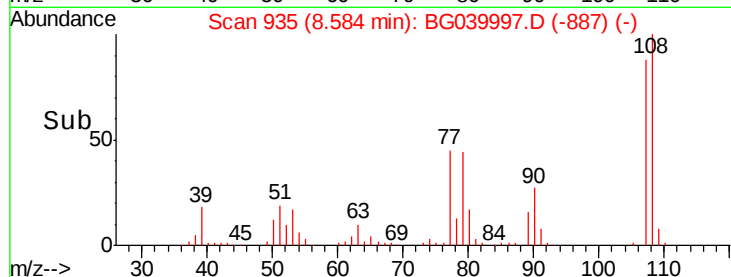
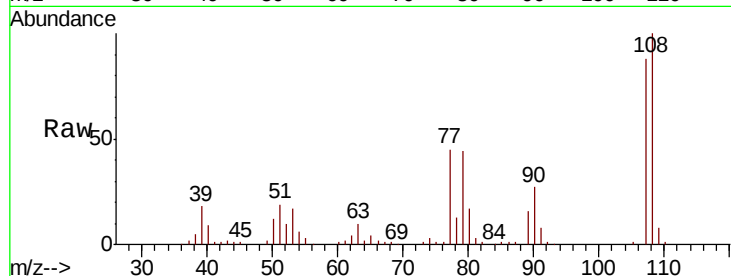




#17
2-Methylphenol
Concen: 43.072 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

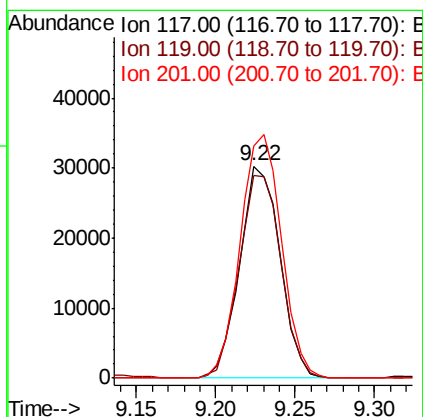
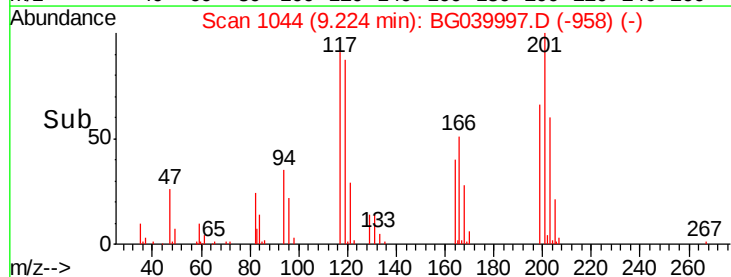
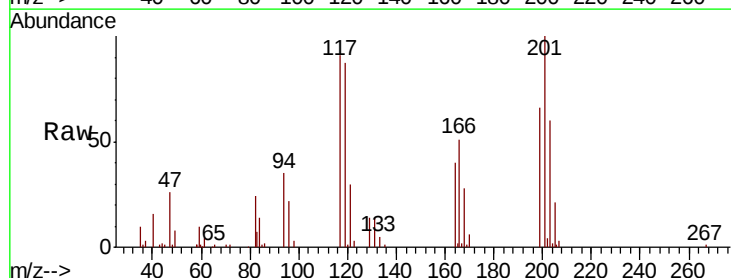
Instrument :
BNA_G
ClientSampled :

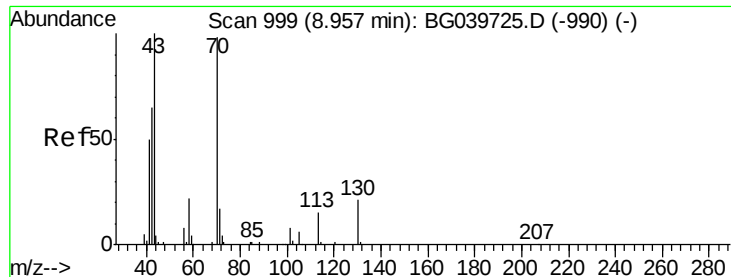
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	90.8	136.2
77	51.1	40.7	61.1
79	49.9	40.6	60.8



#18
Hexachloroethane
Concen: 42.212 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	76.3	114.5
201	109.3	91.1	136.7

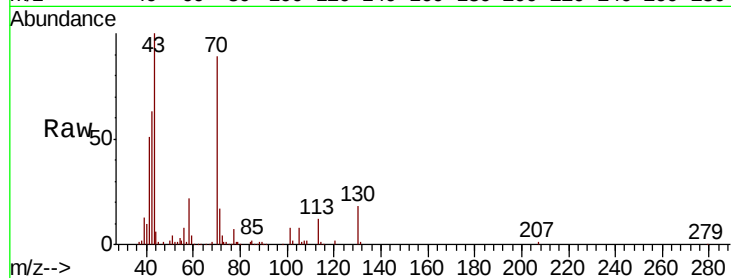




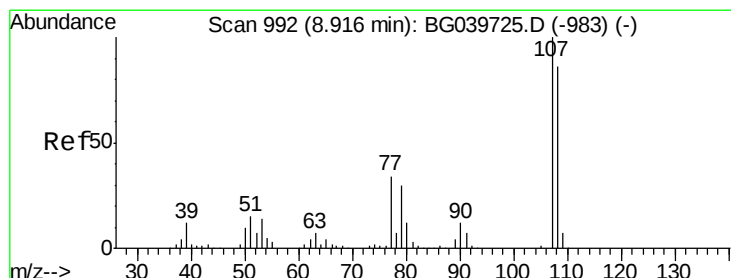
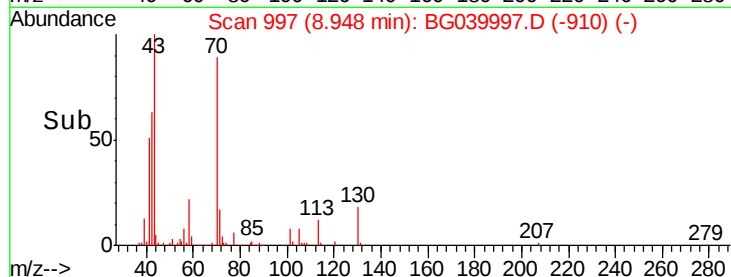
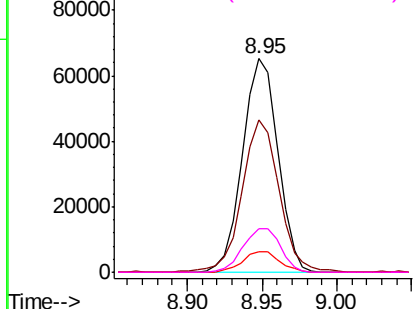
#19
n-Nitroso-di-n-propylamine
Concen: 39.489 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:	70	Resp:	107335
Ion	Ratio	Lower	Upper
70	100		
42	71.1	60.4	90.6
101	9.3	7.5	11.3
130	20.6	16.9	25.3

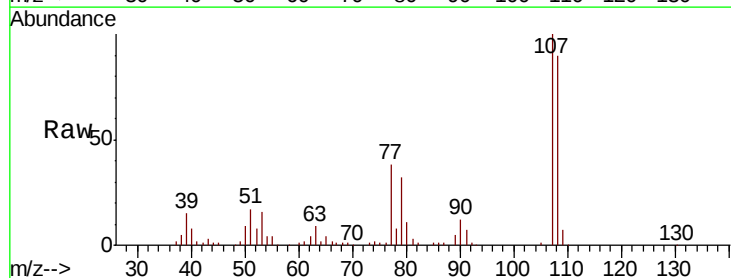


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

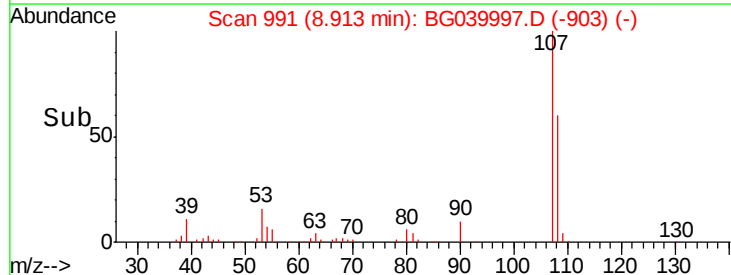
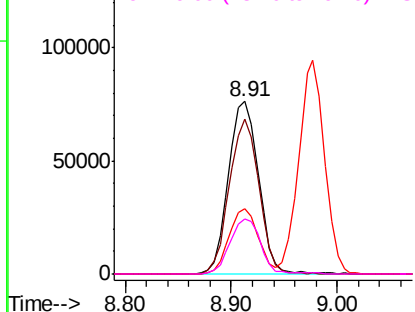


#20
3+4-Methylphenols
Concen: 41.760 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:	107	Resp:	151333
Ion	Ratio	Lower	Upper
107	100		
108	90.0	67.9	107.9
77	37.6	15.4	55.4
79	31.7	13.7	53.7



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

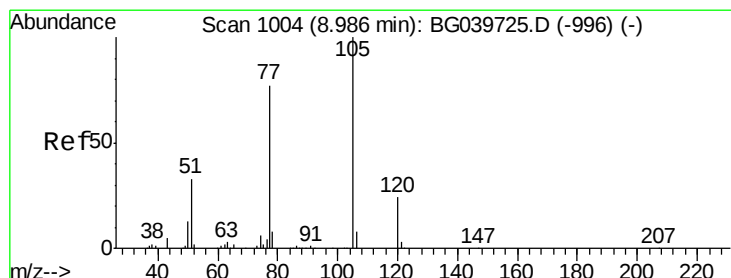
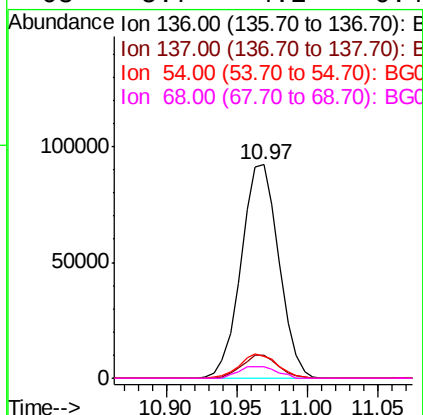
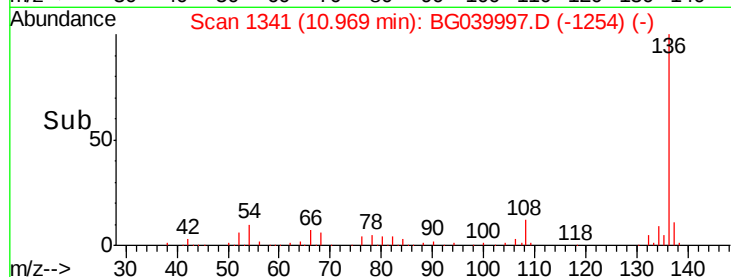
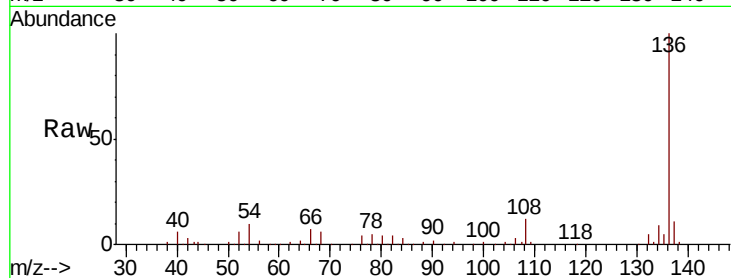




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

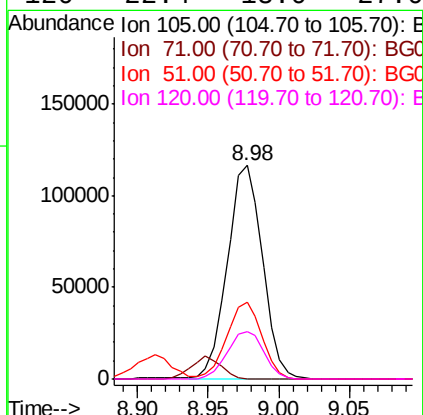
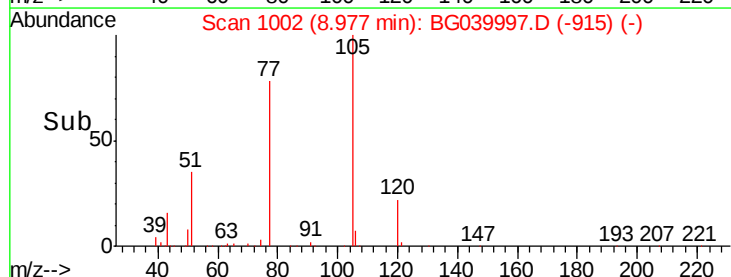
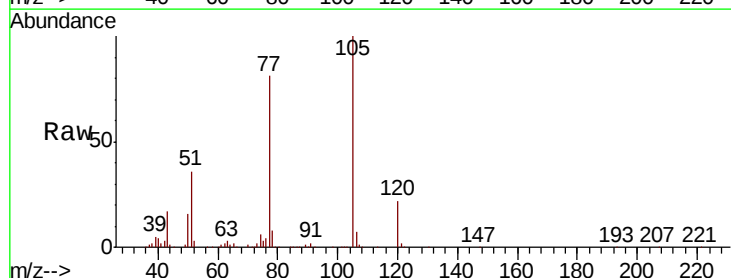
Instrument :
BNA_G
ClientSampleId :

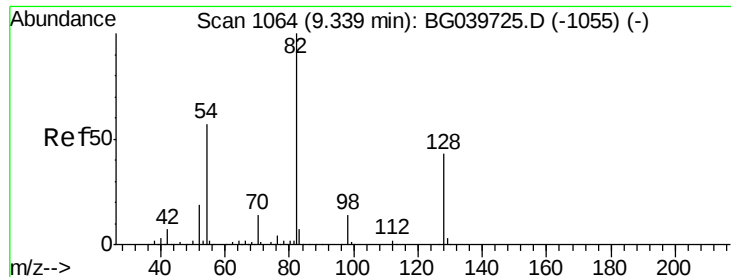
Tot Ion:136	Resp:	172275
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	10.1	9.4 14.2
68	5.7	4.2 6.4



#22
Acetophenone
Concen: 43.564 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:105	Resp:	201431
Ion Ratio	Lower	Upper
105	100	
71	0.3	0.8 1.2#
51	36.1	30.2 45.2
120	22.4	18.0 27.0

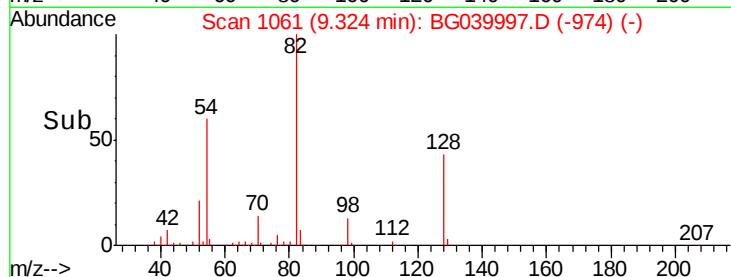
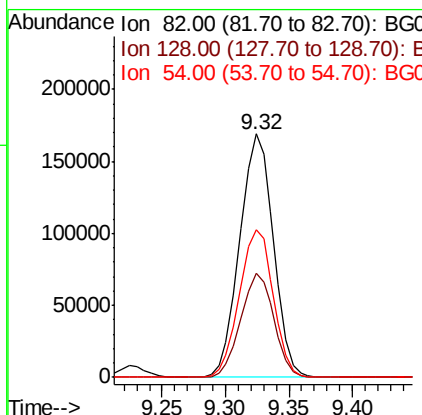
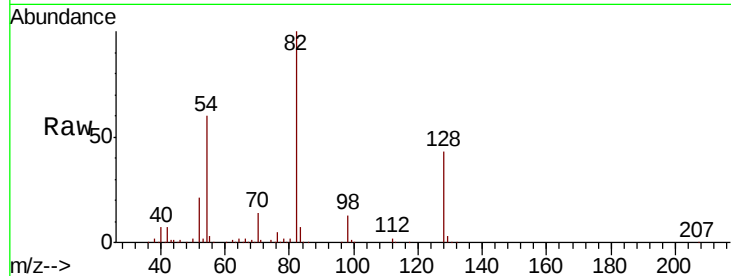




#23
 Nitrobenzene-d5
 Concen: 97.728 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

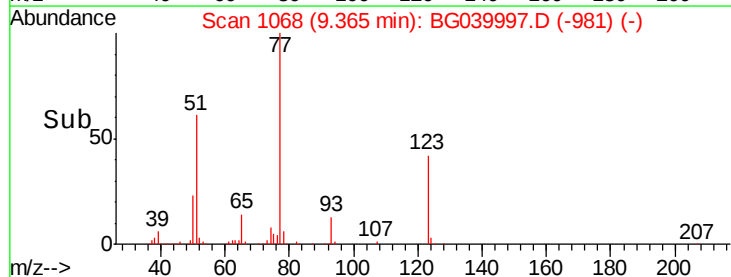
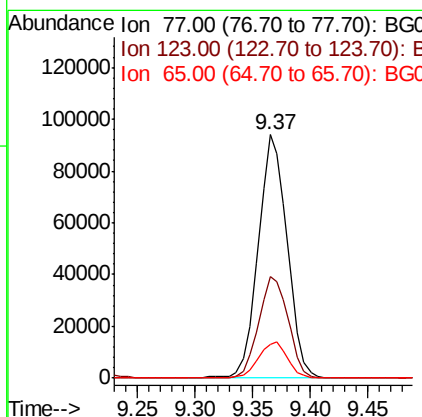
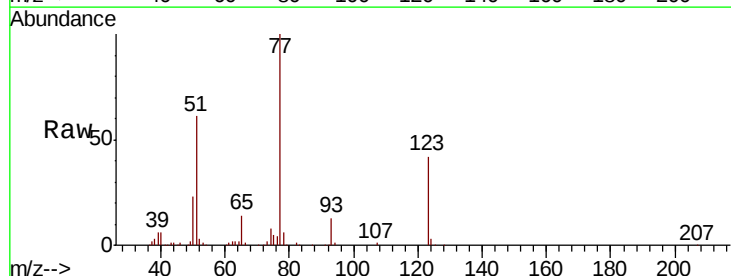
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	82	Resp	311296
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	60.5	50.9	76.3



#24
 Nitrobenzene
 Concen: 49.068 ng
 RT: 9.37 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	77	Resp	163966
Ion Ratio	Lower	Upper	
77	100		
123	41.9	34.1	51.1
65	13.8	12.3	18.5

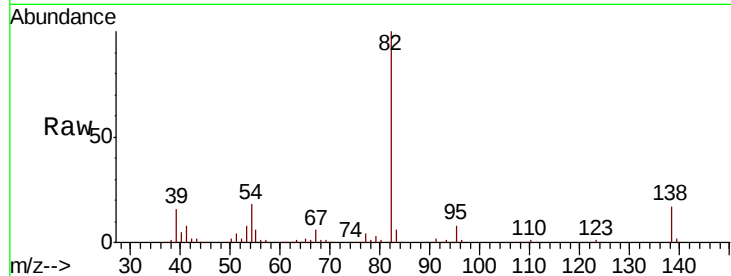




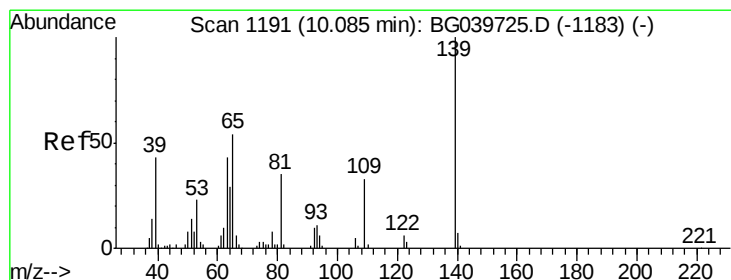
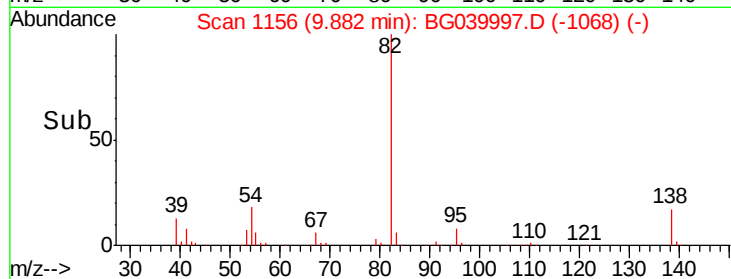
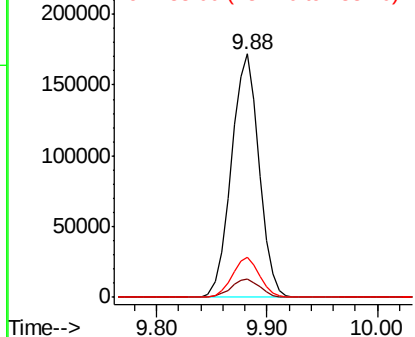
#25
Isophorone
Concen: 45.230 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 301875
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 16.7 13.0 19.4

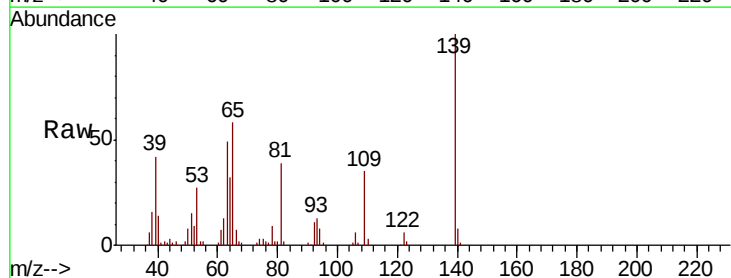


Abundance Ion 82.00 (81.70 to 82.70): BG039997.D (-1149) (-)
Ion 95.00 (94.70 to 95.70): BG039997.D (-1149) (-)
Ion 138.00 (137.70 to 138.70): BG039997.D (-1149) (-)

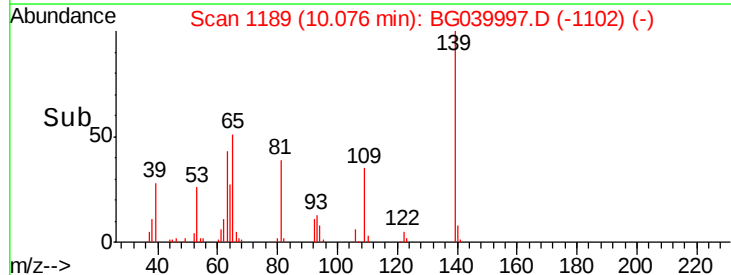
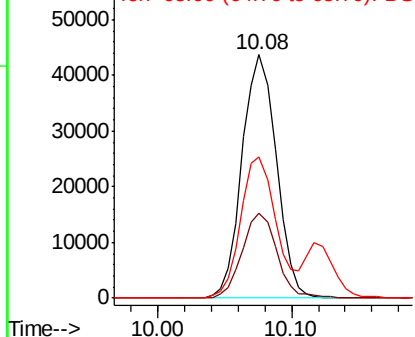


#26
2-Nitrophenol
Concen: 48.189 ng
RT: 10.08 min Scan# 1189
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion: 139 Resp: 77749
Ion Ratio Lower Upper
139 100
109 35.0 23.4 35.0
65 58.0 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039997.D (-1183) (-)
Ion 109.00 (108.70 to 109.70): BG039997.D (-1183) (-)
Ion 65.00 (64.70 to 65.70): BG039997.D (-1183) (-)

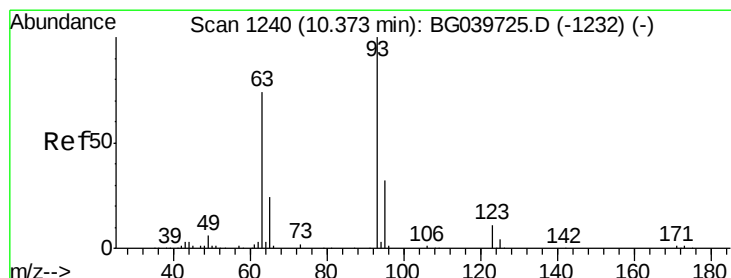
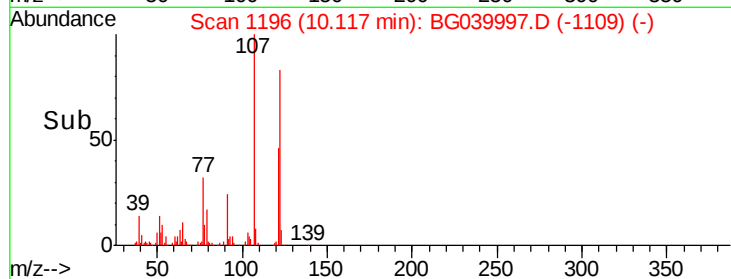
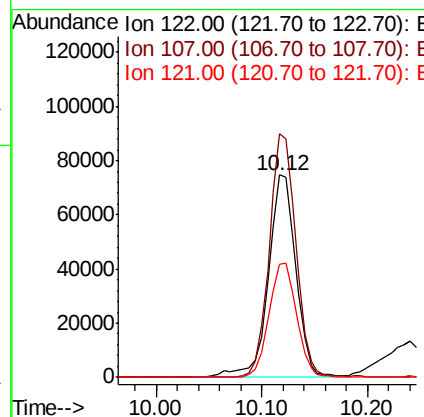
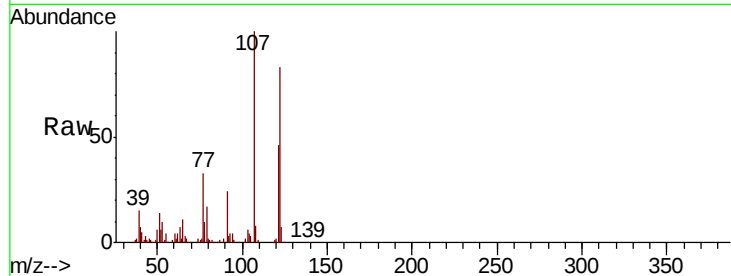




#27
 2,4-Dimethylphenol
 Concen: 53.868 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

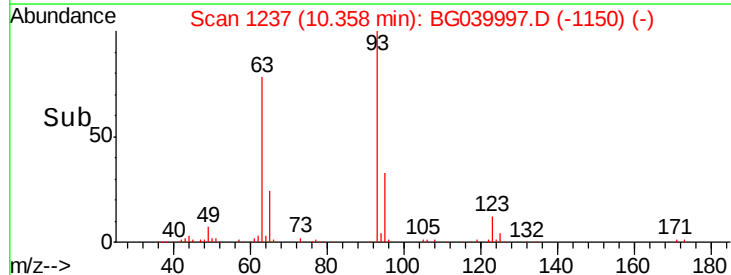
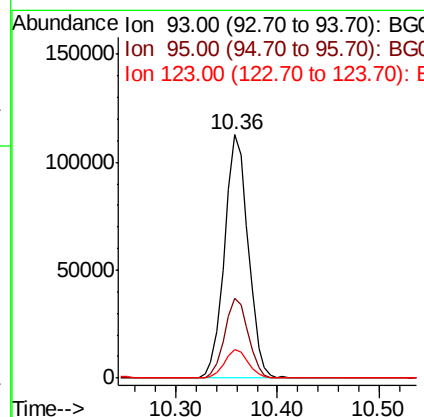
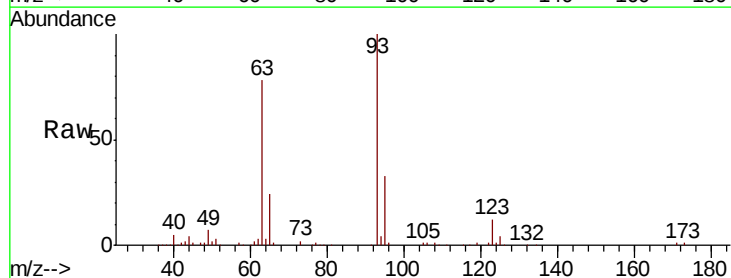
Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	91.7	137.5
121	55.9	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.086 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	11.6	8.6	12.8

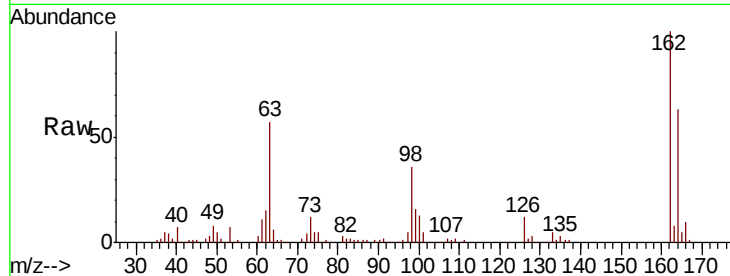




#29
 2,4-Dichlorophenol
 Concen: 50.625 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	48.1	88.1
98	35.6	18.1	58.1

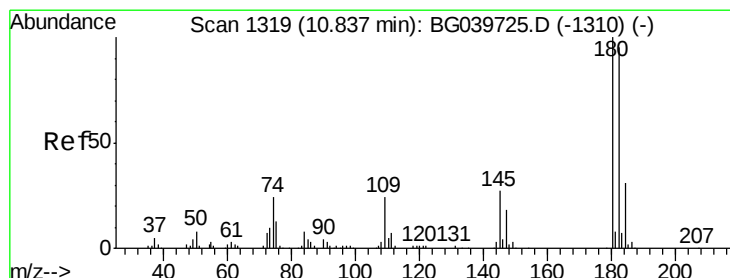
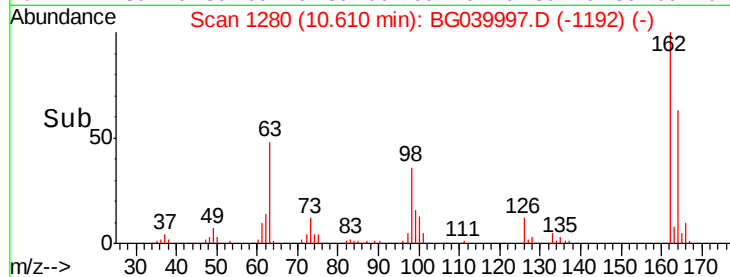
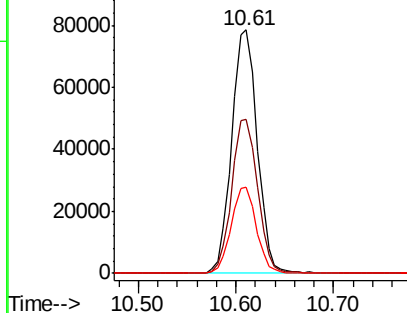


Abundance

Ion 162.00 (161.70 to 162.70): E

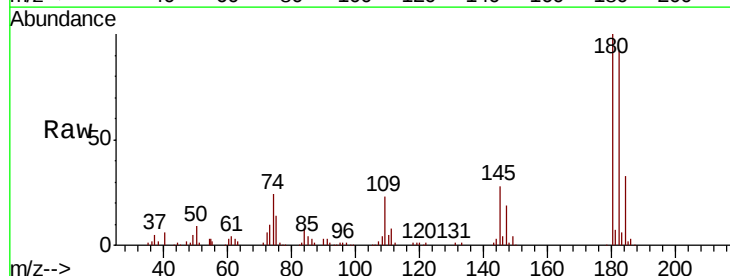
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 47.228 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	76.0	114.0
145	27.6	22.7	34.1

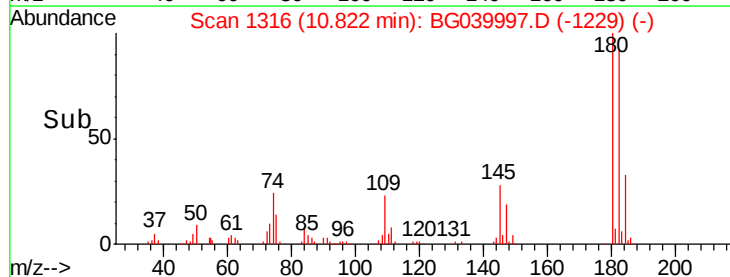
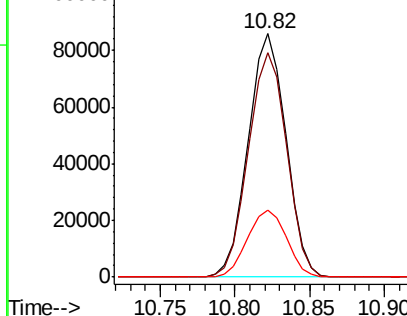


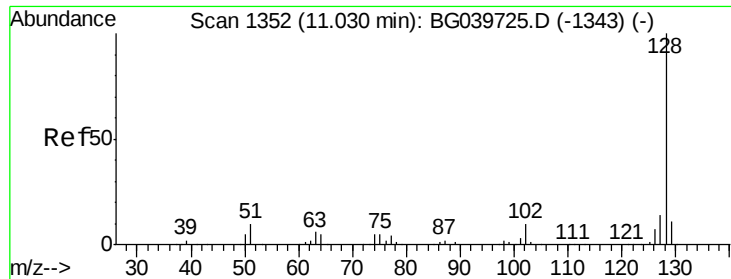
Abundance

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

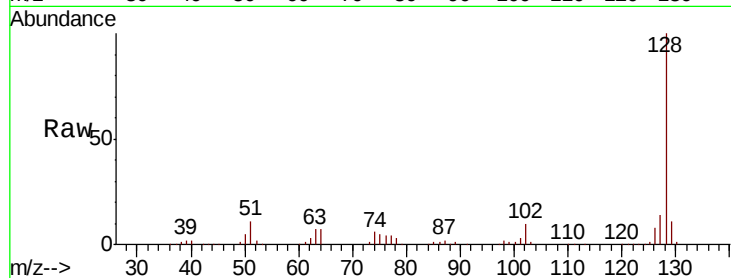




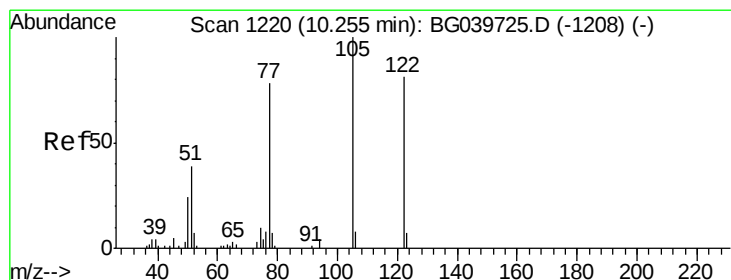
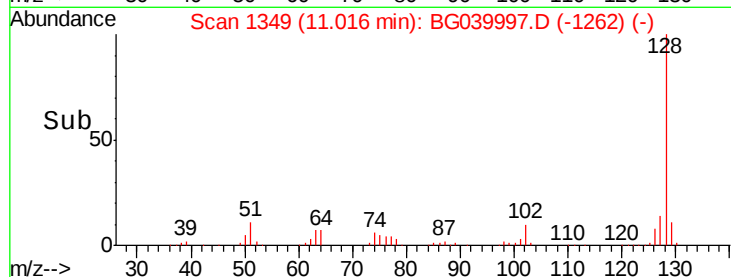
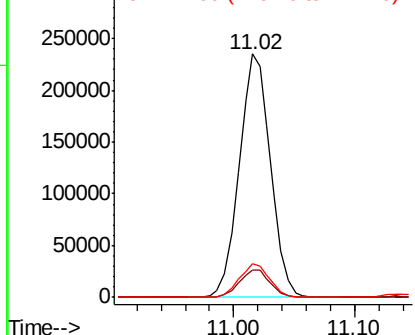
#31
Naphthalene
Concen: 46.153 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 420973
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.6 10.8 16.2

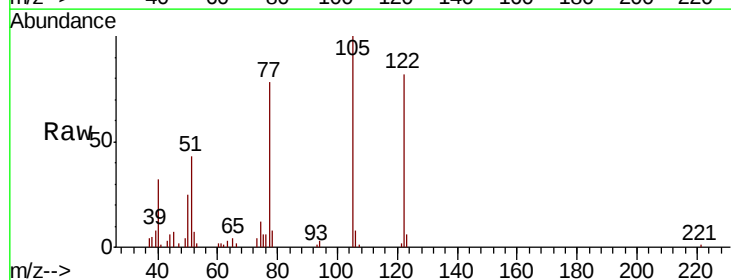


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

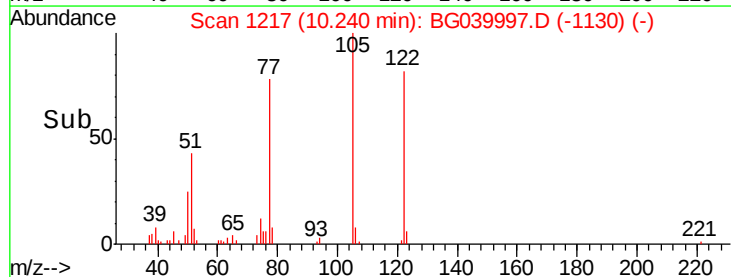
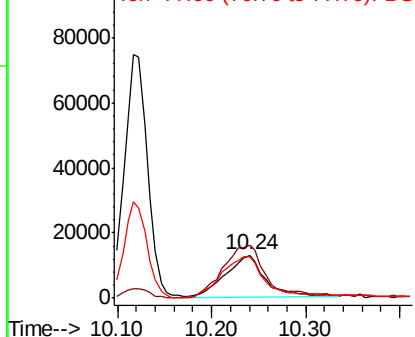


#32
Benzoic acid
Concen: 25.253 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:122 Resp: 37262
Ion Ratio Lower Upper
122 100
105 121.3 101.8 141.8
77 94.5 76.3 116.3



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

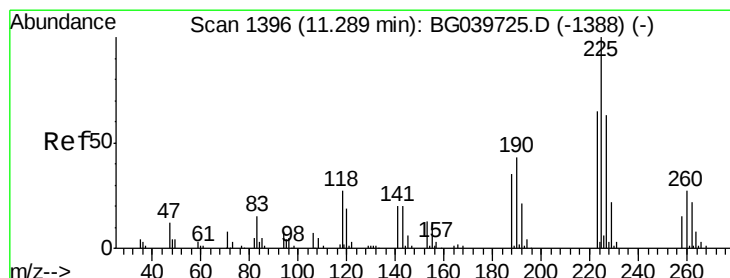
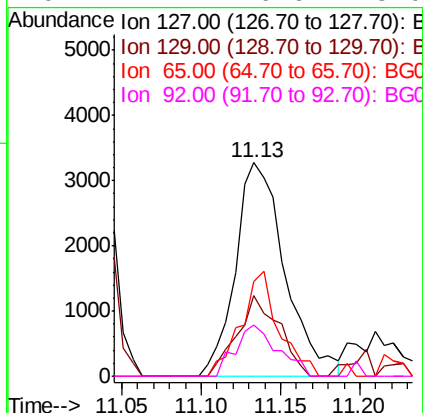
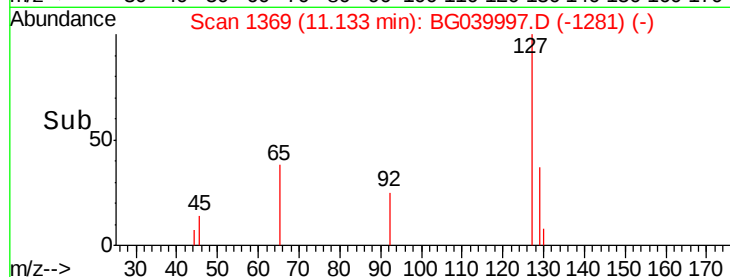
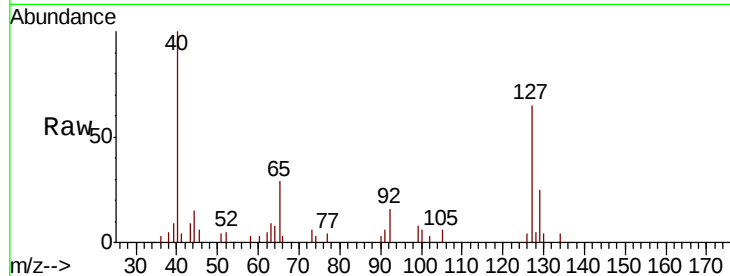




#33
4-Chloroaniline
Concen: 1.840 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

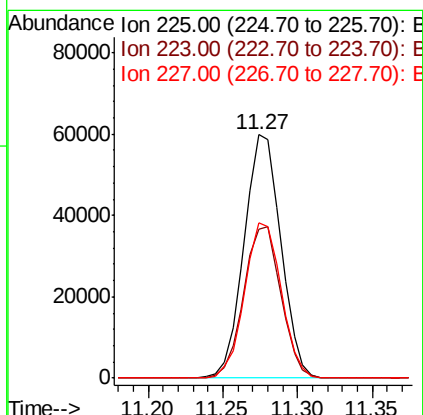
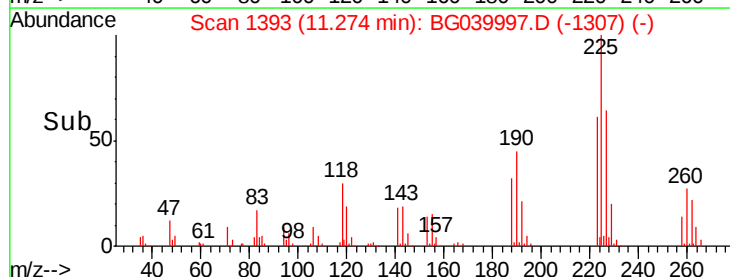
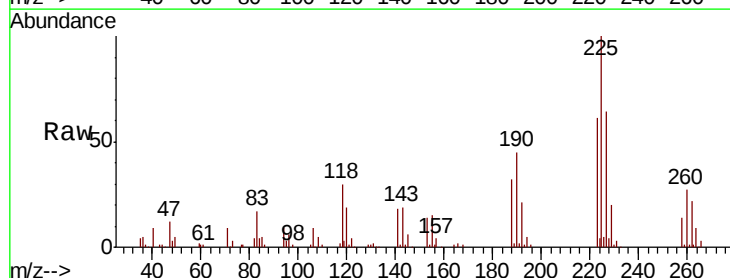
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	7118
Ion	Ratio	Lower	Upper
127	100		
129	38.0	27.0	40.4
65	44.2	28.8	43.2
92	24.2	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.929 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:	225	Resp:	101949
Ion	Ratio	Lower	Upper
225	100		
223	61.0	49.0	73.6
227	64.0	46.3	69.5

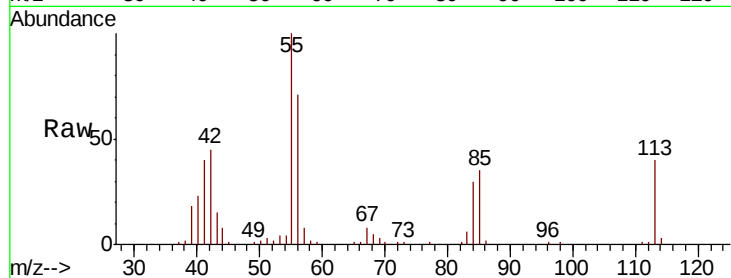




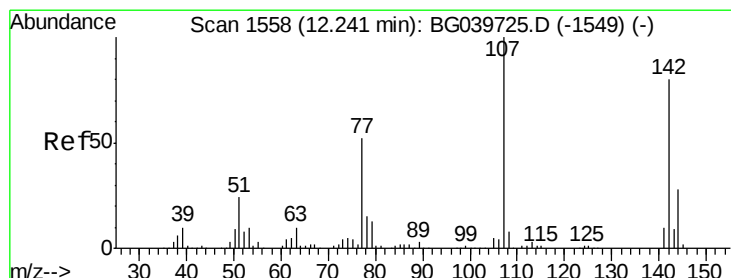
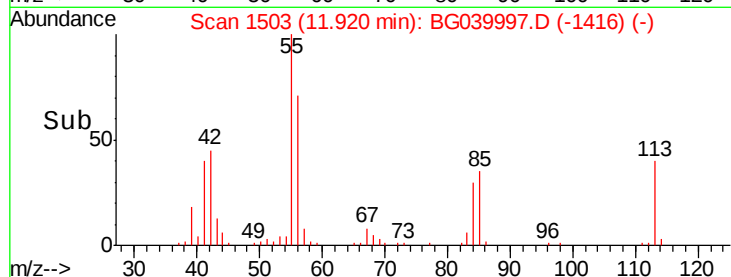
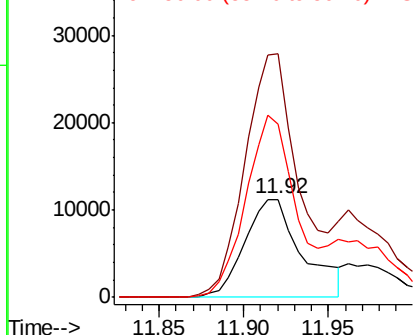
#35
 Caprolactam
 Concen: 24.536 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:113 Resp: 26479
 Ion Ratio Lower Upper
 113 100
 55 249.0 216.9 256.9
 56 177.8 152.6 192.6

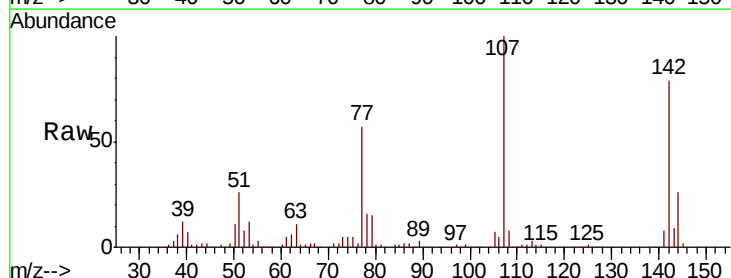


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

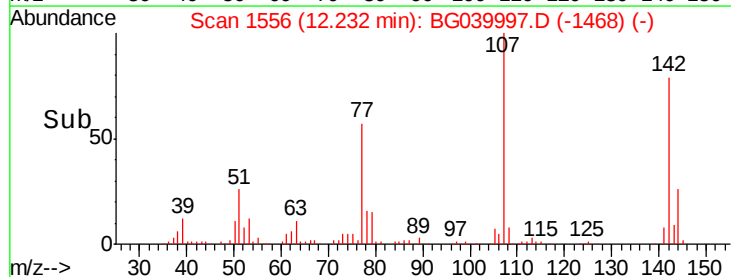
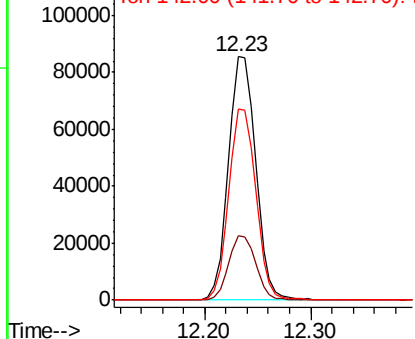


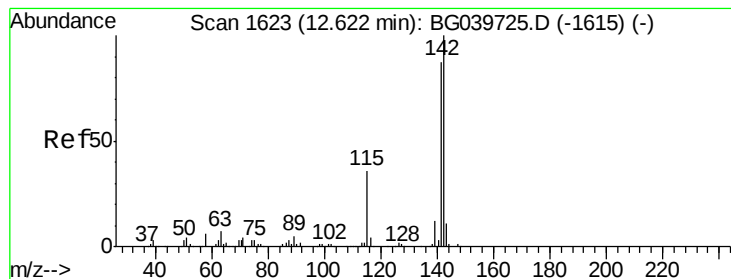
#36
 4-Chloro-3-methylphenol
 Concen: 47.289 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:107 Resp: 153149
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.2 30.2
 142 78.5 61.4 92.2



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

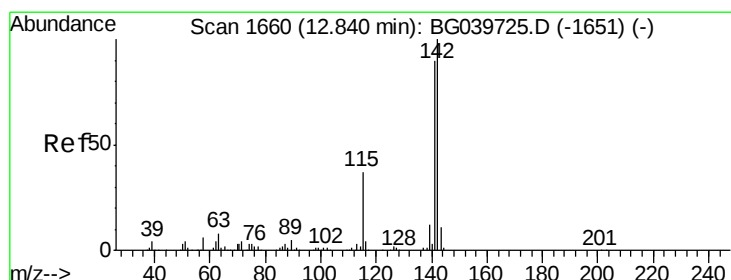
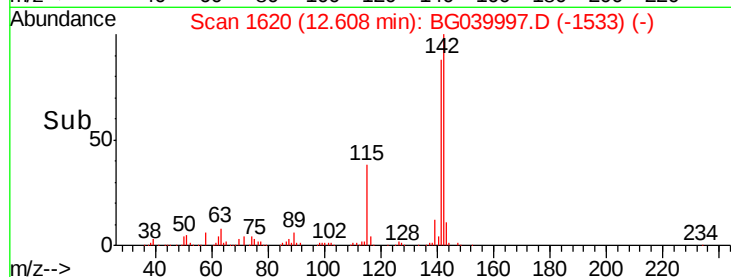
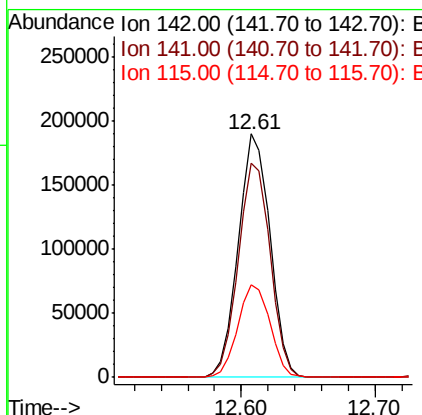
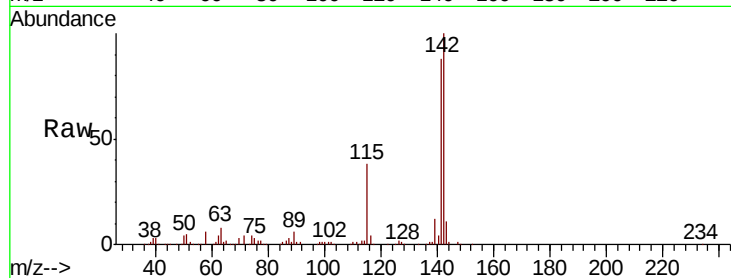




#37
 2-Methylnaphthalene
 Concen: 45.778 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

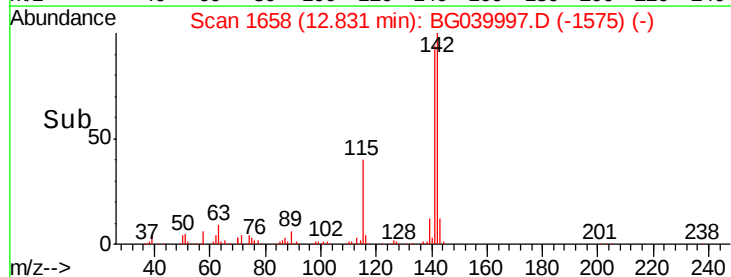
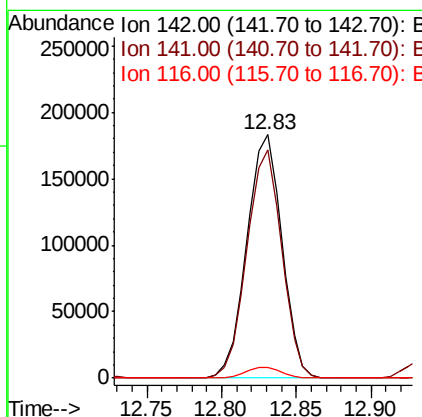
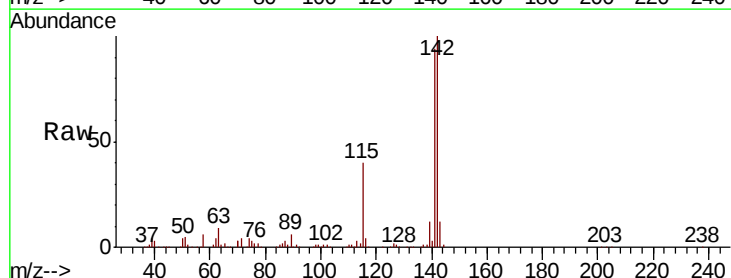
Instrument :
 BNA_G
 ClientSampleId :

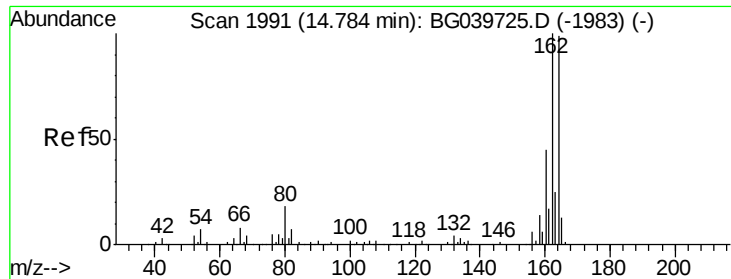
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.9	73.5	110.3
115	38.1	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 44.821 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.7	74.2	111.4
116	4.2	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

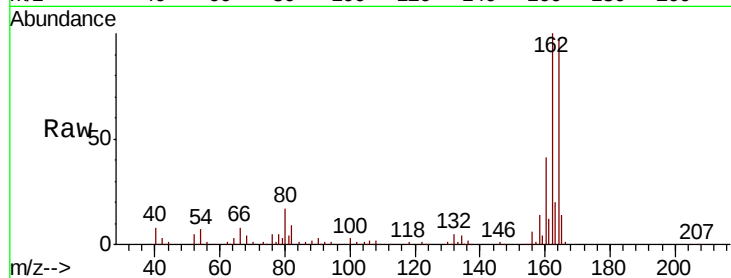
Tot Ion:164 Resp: 110523

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

160 42.3 34.2 51.2

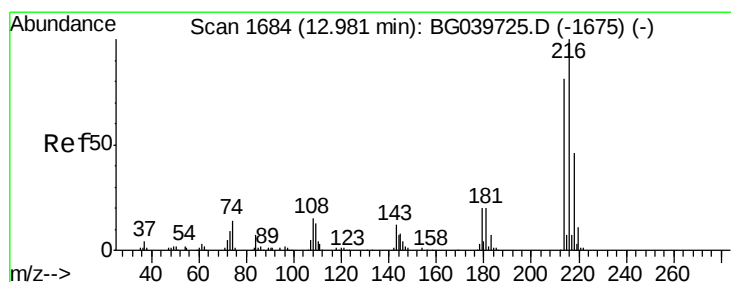
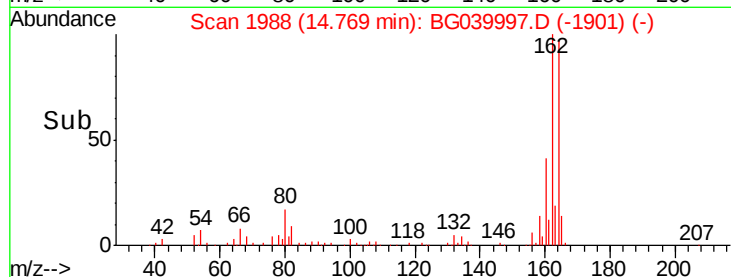
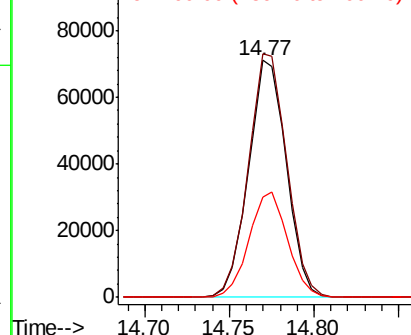


Abundance

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: 47.261 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:216 Resp: 176955

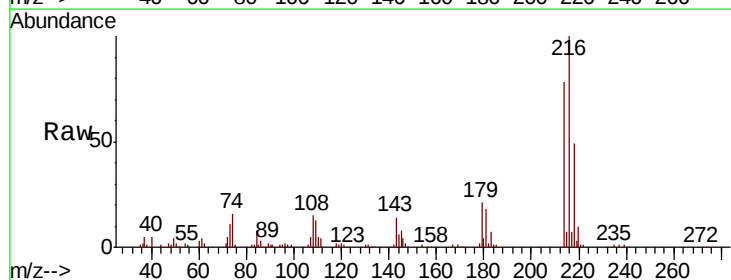
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.9 16.6 25.0

108 17.8 14.0 21.0



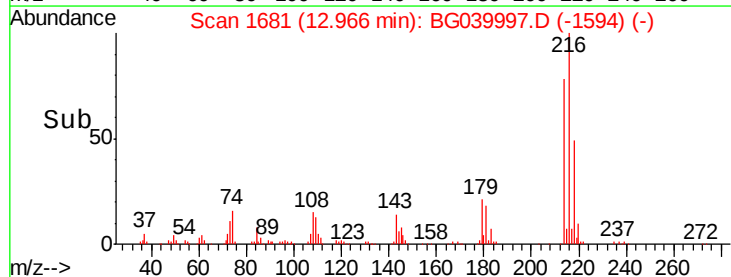
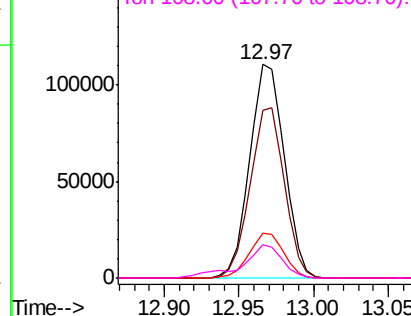
Abundance

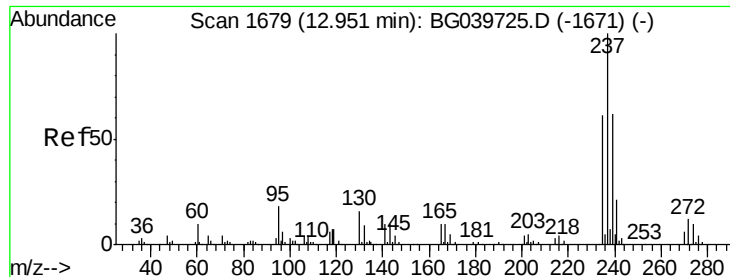
Ion 216.00 (215.70 to 216.70): E

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: 105.230 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

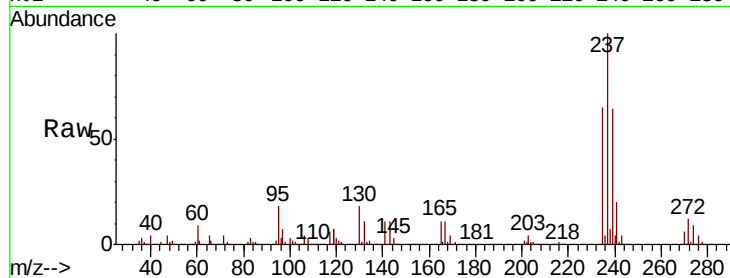
Tot Ion:237 Resp: 211150

Ion Ratio Lower Upper

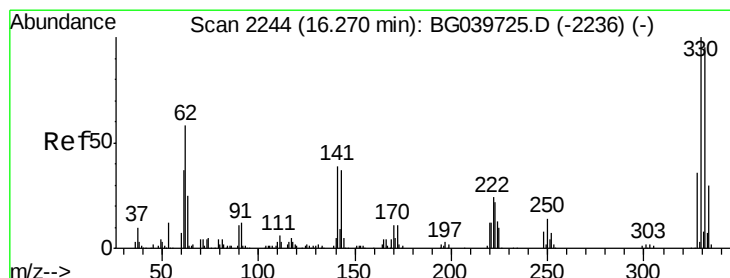
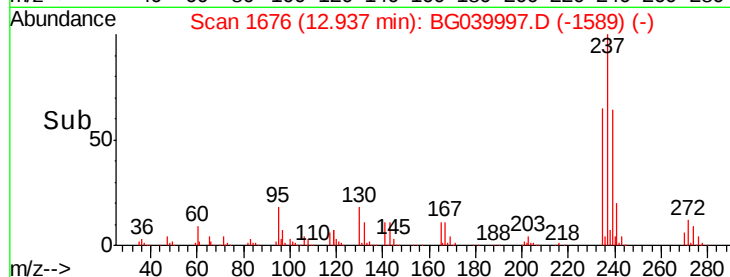
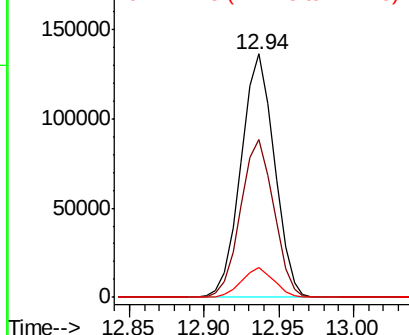
237 100

235 65.0 43.3 83.3

272 12.0 0.0 32.3



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: 150.506 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

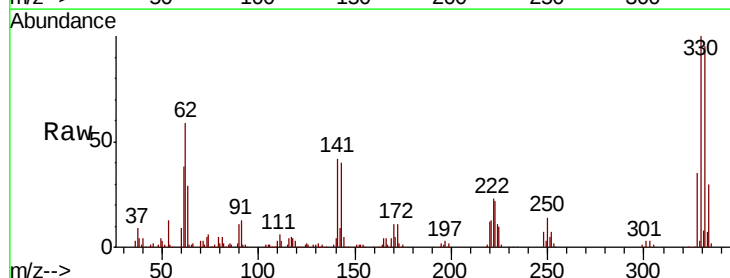
Tgt Ion:330 Resp: 193886

Ion Ratio Lower Upper

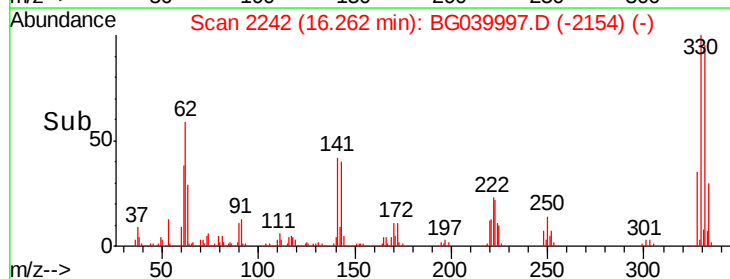
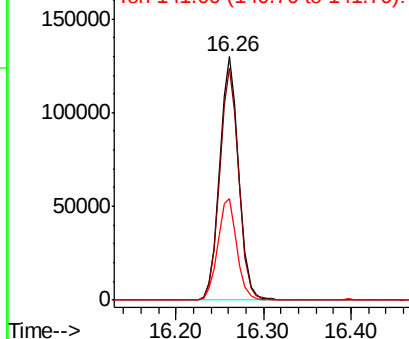
330 100

332 95.3 75.7 113.5

141 41.9 35.6 53.4



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

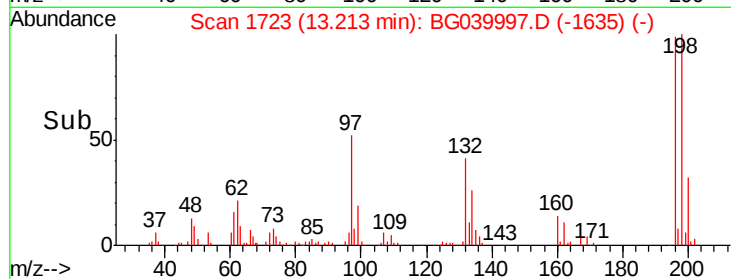
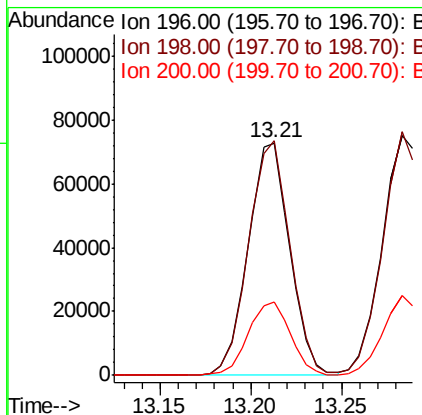
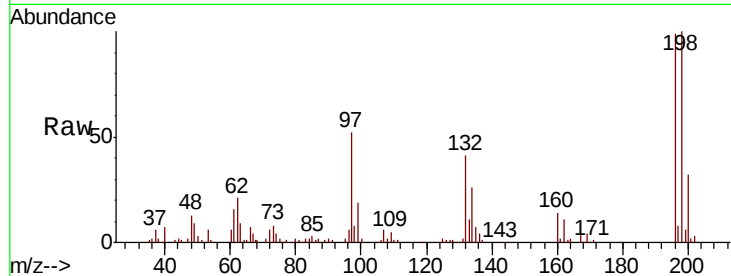




#43
 2,4,6-Trichlorophenol
 Concen: 53.171 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

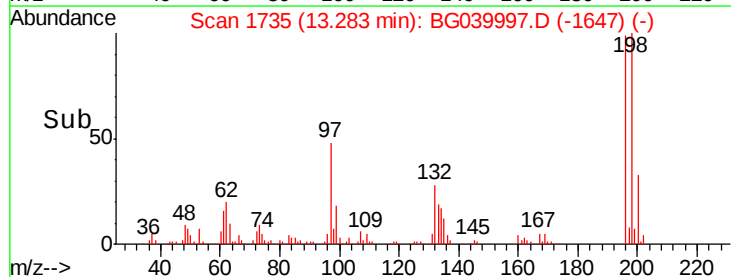
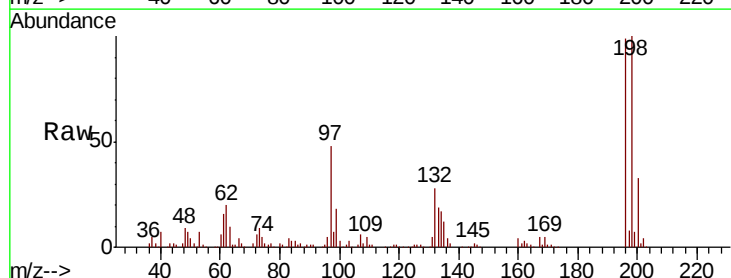
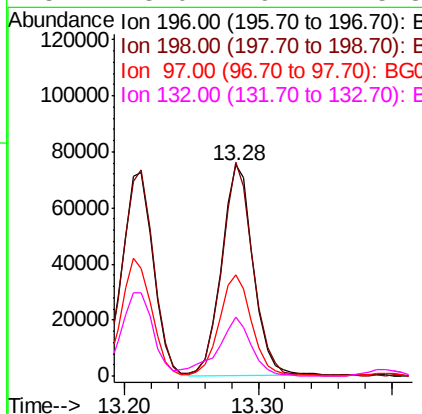
Instrument :
 BNA_G
 ClientSampled :

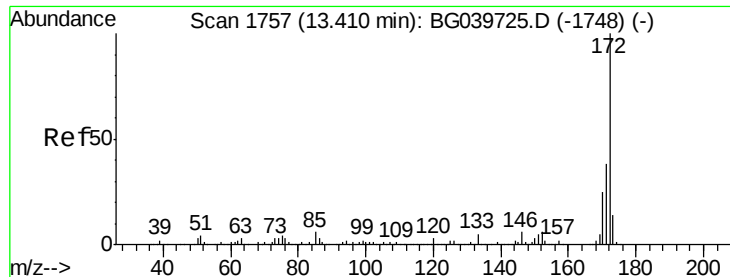
Tot Ion	196	Resp	116555
Ion Ratio	Lower	Upper	
196	100		
198	101.0	80.6	121.0
200	31.8	26.1	39.1



#44
 2,4,5-Trichlorophenol
 Concen: 50.640 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	196	Resp	125125
Ion Ratio	Lower	Upper	
196	100		
198	101.3	78.5	117.7
97	48.2	38.4	57.6
132	28.0	19.2	28.8

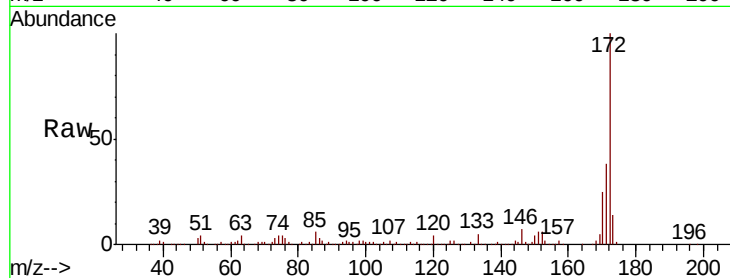




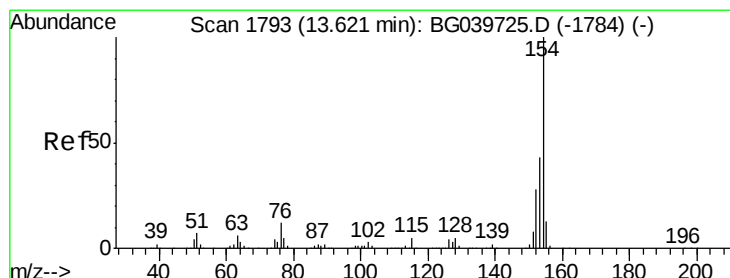
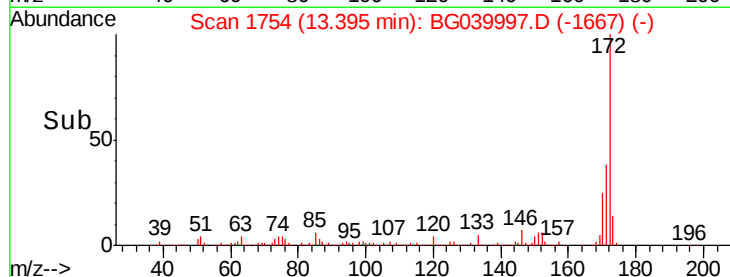
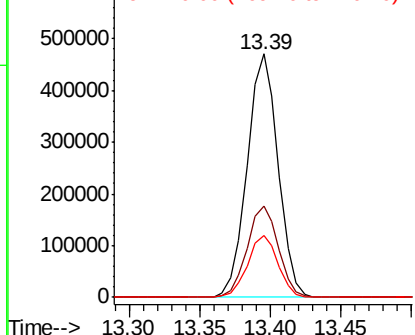
#45
 2-Fluorobiphenyl
 Concen: 93.075 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 722481
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.5 20.2 30.4

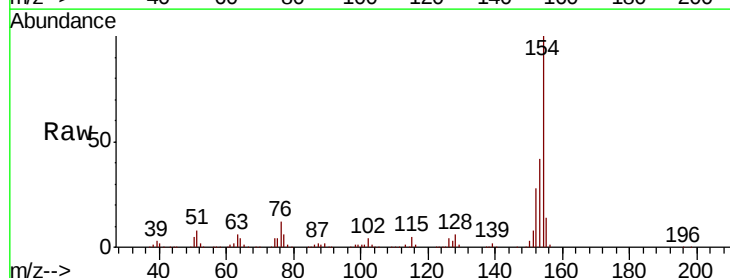


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

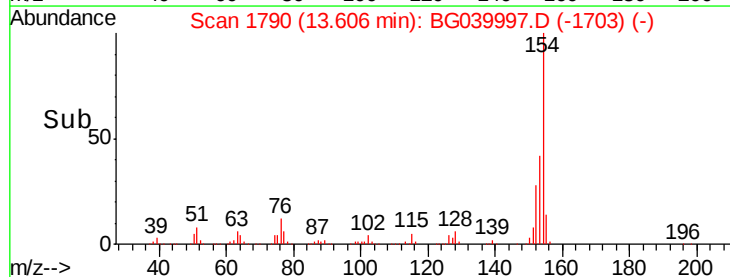
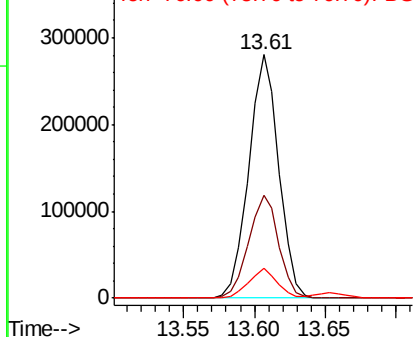


#46
 1,1'-Biphenyl
 Concen: 45.761 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:154 Resp: 415986
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 12.4 0.0 32.4



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

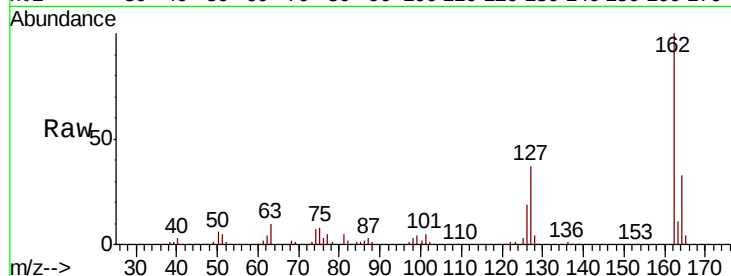




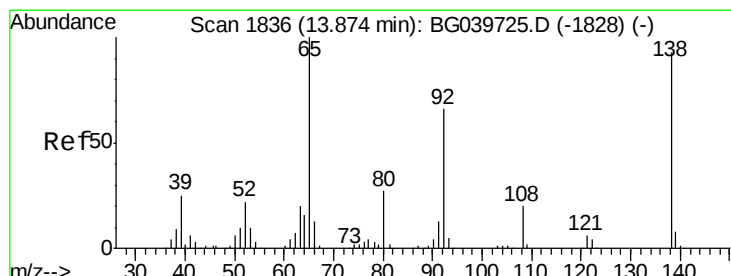
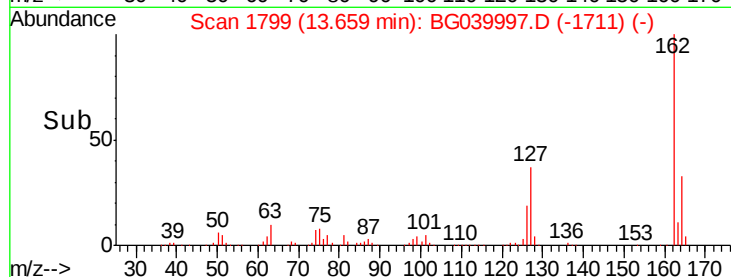
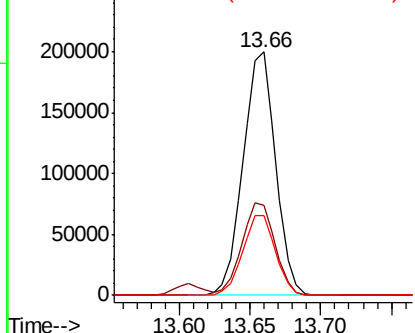
#47
 2-Chloronaphthalene
 Concen: 47.146 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 322413
 Ion Ratio Lower Upper
 162 100
 127 37.2 31.0 46.6
 164 32.7 25.7 38.5

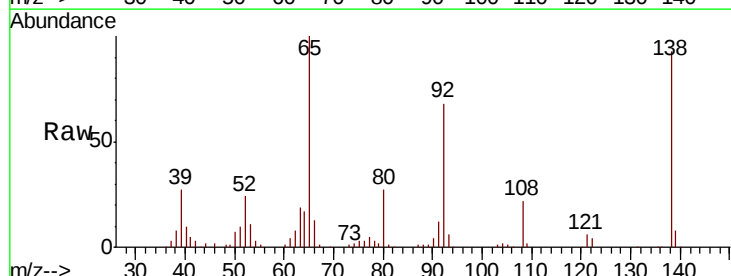


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

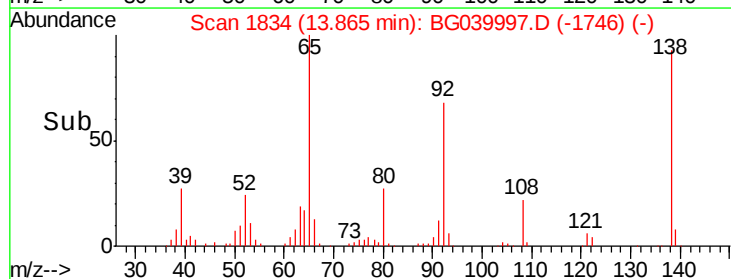
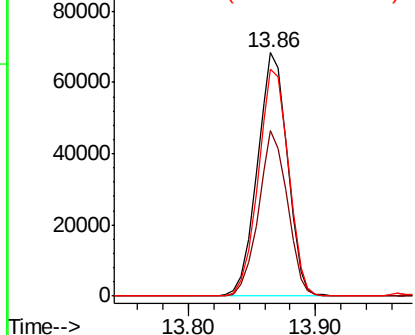


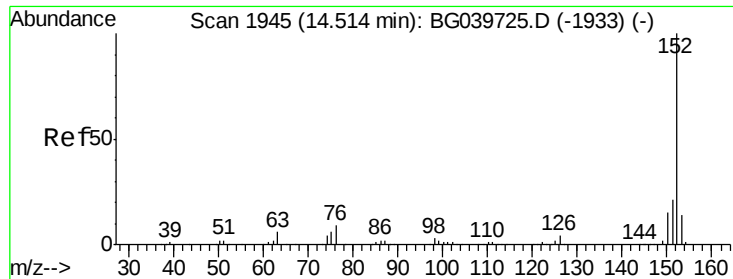
#48
 2-Nitroaniline
 Concen: 51.301 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion: 65 Resp: 112745
 Ion Ratio Lower Upper
 65 100
 92 67.8 51.4 77.2
 138 93.4 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.057 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

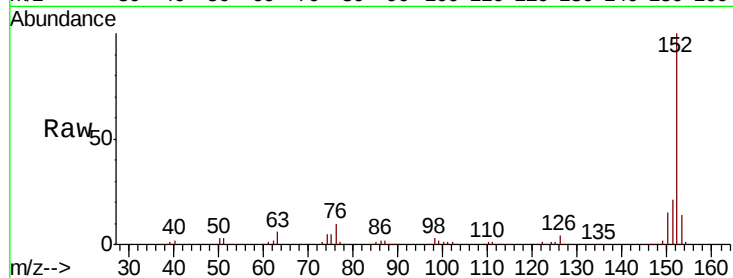
Tot Ion:152 Resp: 517048

Ion Ratio Lower Upper

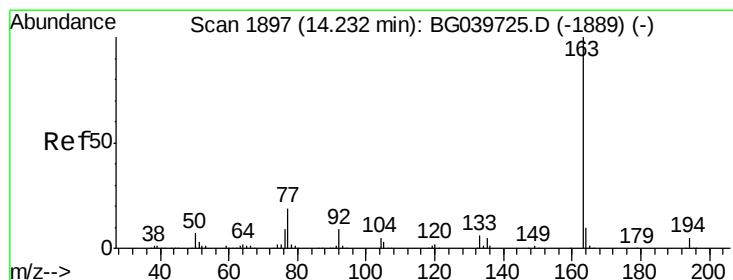
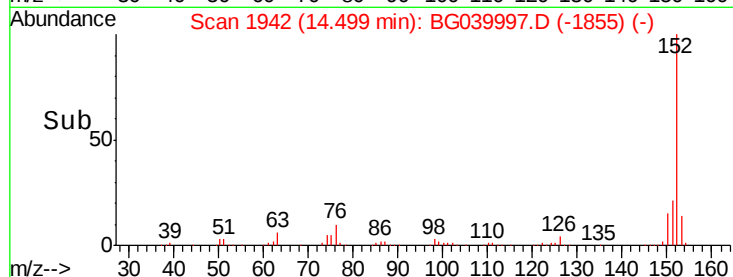
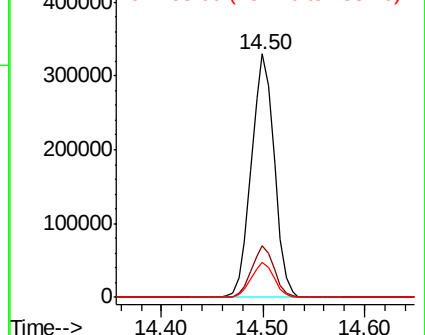
152 100

151 21.1 16.8 25.2

153 14.3 11.7 17.5



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: 45.883 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

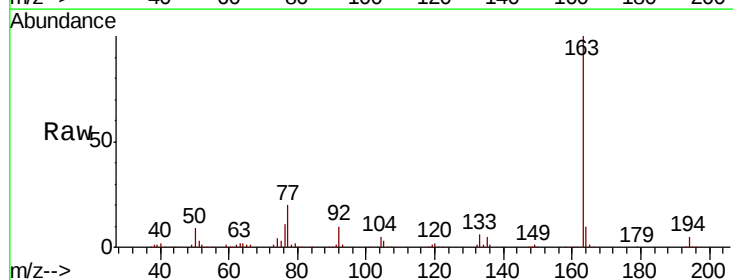
Tgt Ion:163 Resp: 424046

Ion Ratio Lower Upper

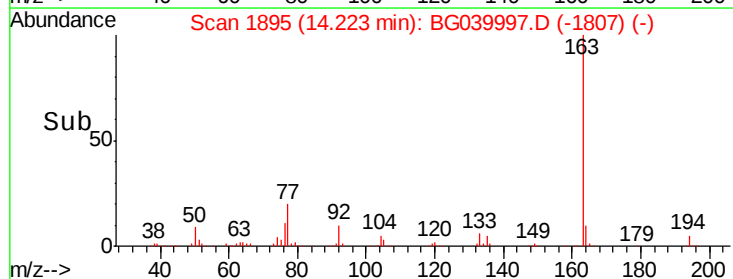
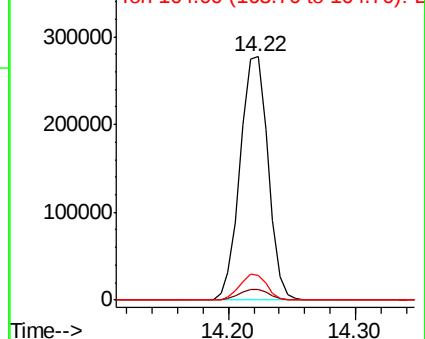
163 100

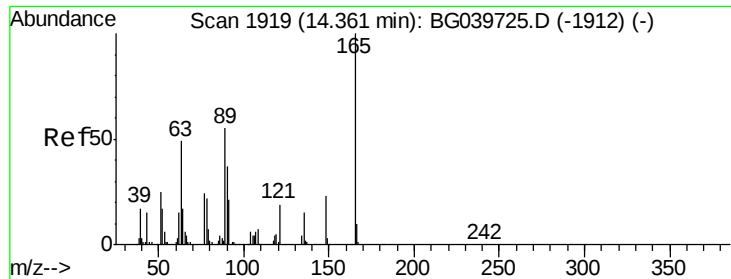
194 4.6 3.6 5.4

164 10.2 8.4 12.6



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

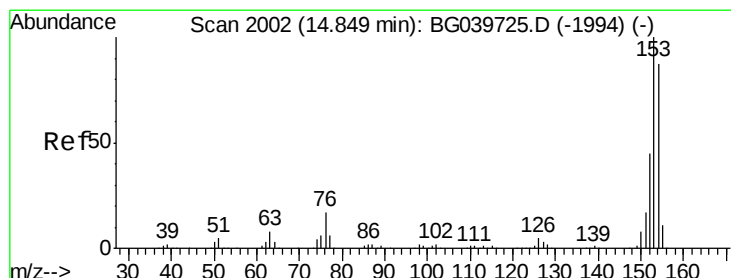
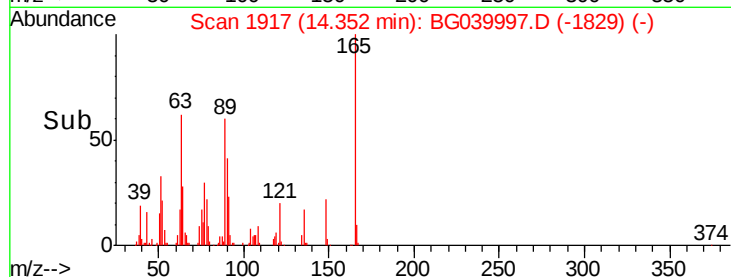
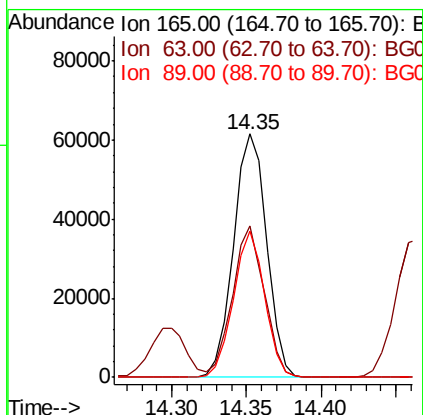
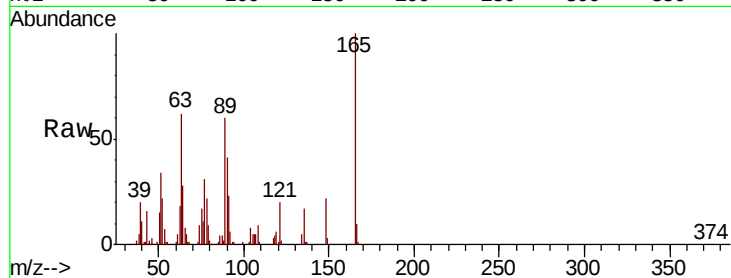




#51
2,6-Dinitrotoluene
Concen: 48.518 ng
RT: 14.35 min Scan# 1917
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

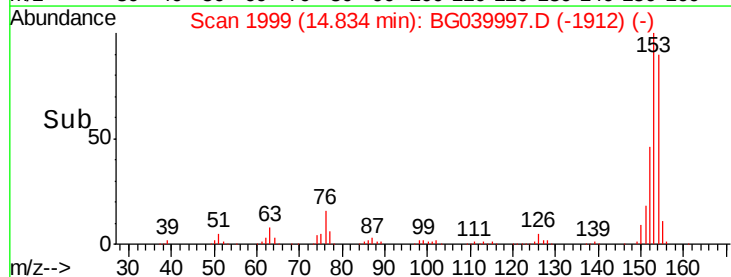
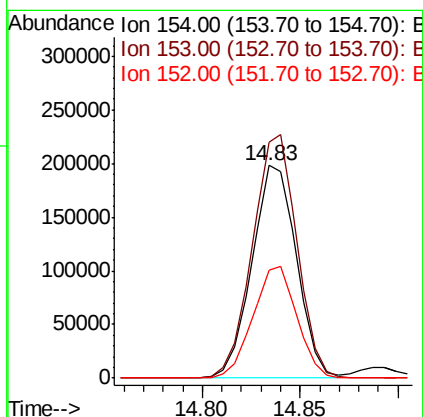
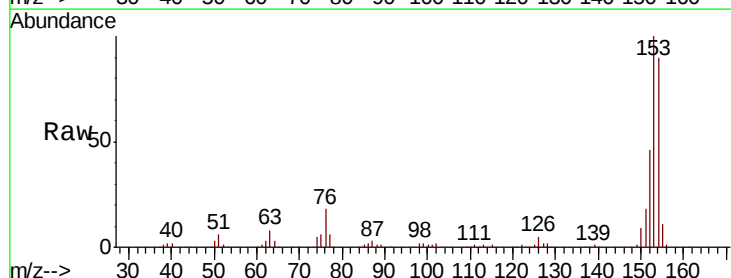
Instrument :
BNA_G
ClientSampled :

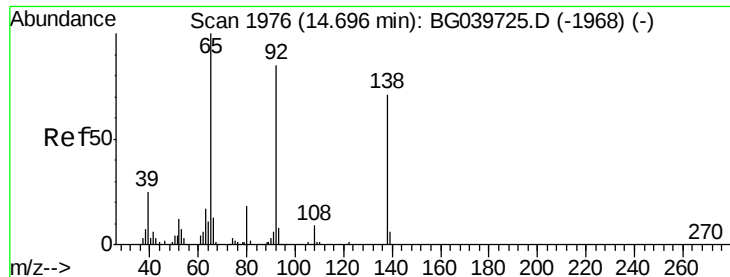
Tot Ion:165 Resp: 95058
Ion Ratio Lower Upper
165 100
63 62.5 47.0 70.6
89 60.2 45.8 68.8



#52
Acenaphthene
Concen: 46.229 ng
RT: 14.83 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:154 Resp: 312361
Ion Ratio Lower Upper
154 100
153 111.1 90.1 135.1
152 50.9 40.9 61.3

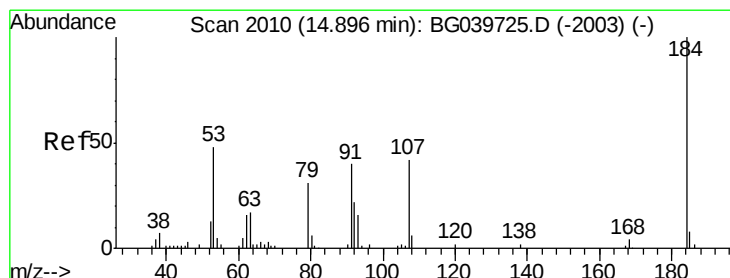
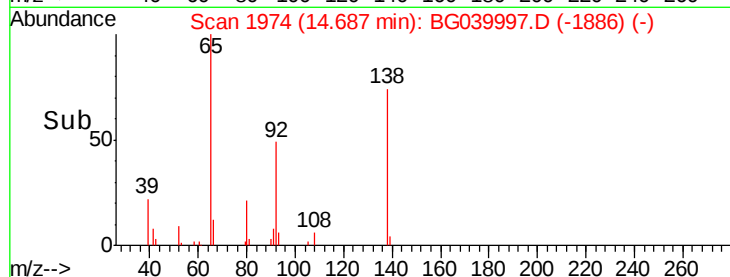
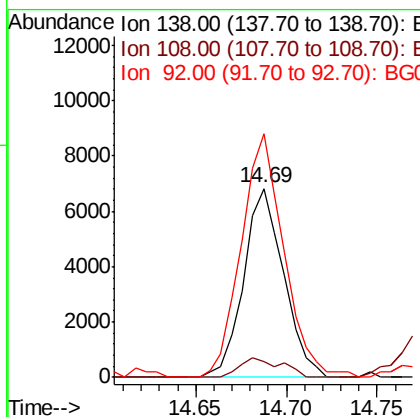
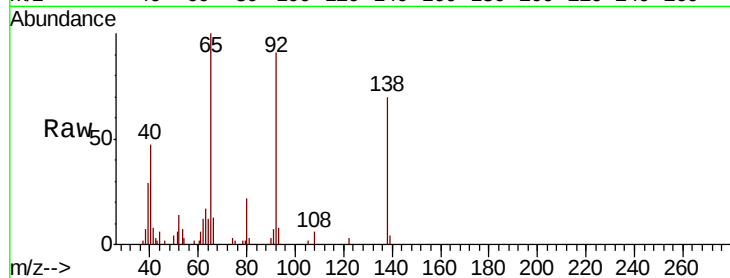




#53
3-Nitroaniline
Concen: 5.291 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

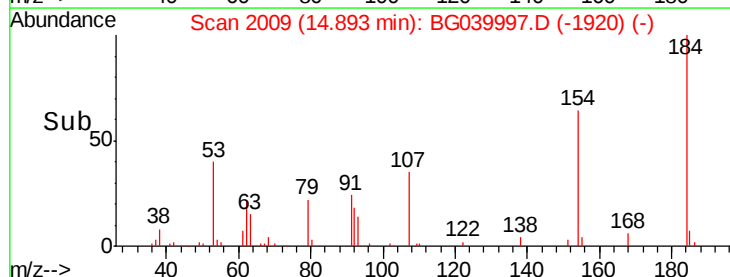
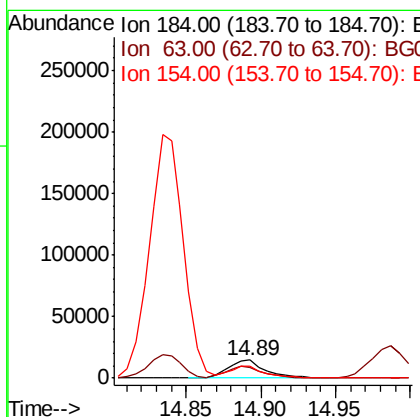
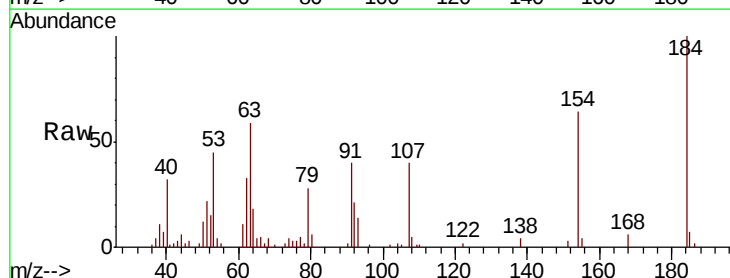
Instrument :
BNA_G
ClientSampled :

Tot Ion:138 Resp: 10420
Ion Ratio Lower Upper
138 100
108 8.5 13.8 20.8#
92 129.0 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 24.648 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:184 Resp: 25644
Ion Ratio Lower Upper
184 100
63 59.4 50.9 76.3
154 63.6 53.0 79.6

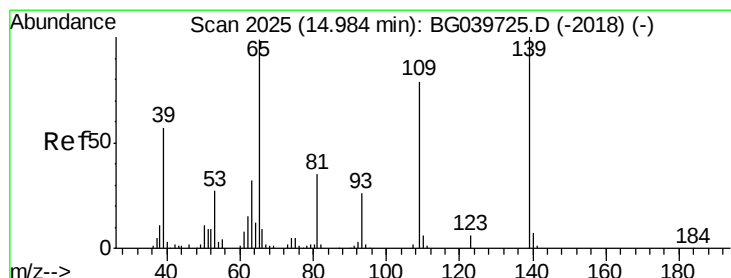
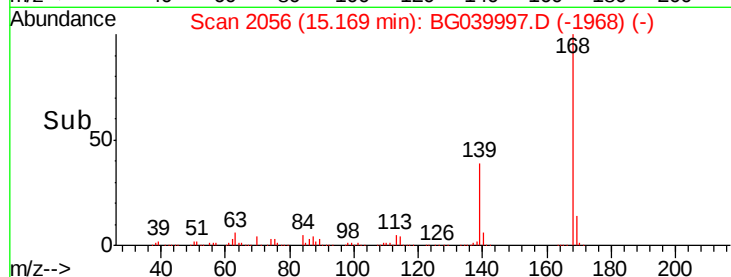
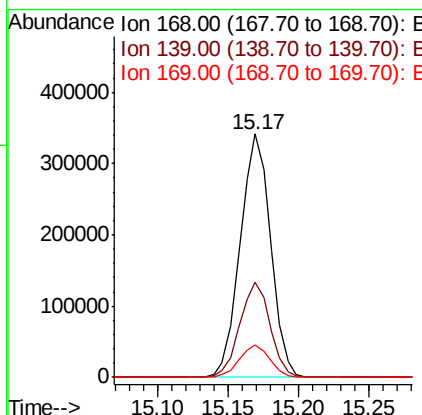
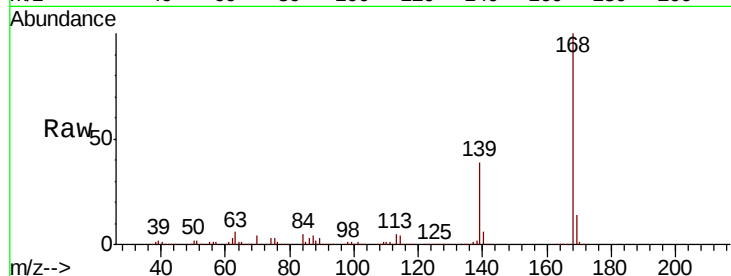




#55
Dibenzofuran
Concen: 46.379 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

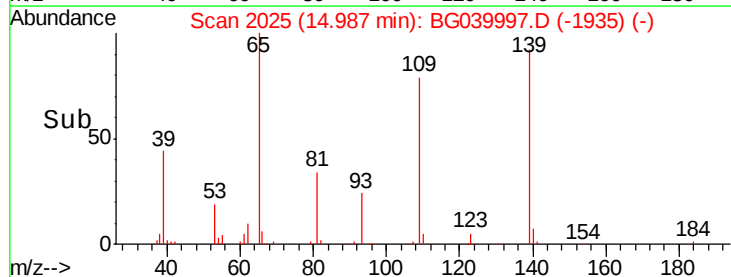
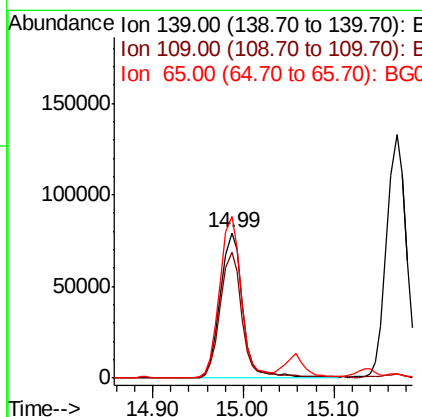
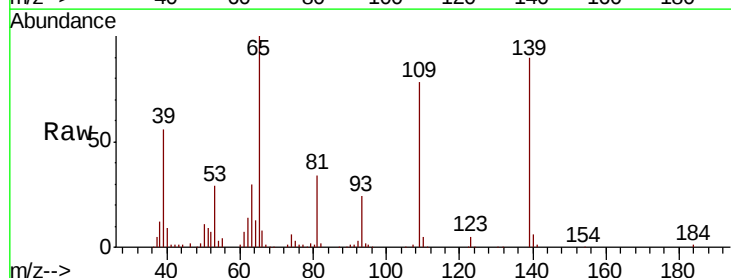
Instrument :
BNA_G
ClientSampled :

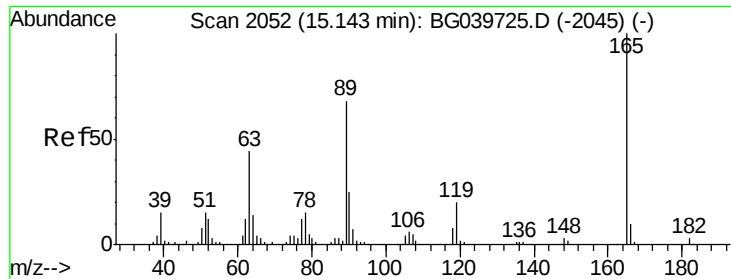
Tot Ion:168 Resp: 514151
Ion Ratio Lower Upper
168 100
139 38.9 30.1 45.1
169 13.5 10.6 16.0



#56
4-Nitrophenol
Concen: 77.686 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:139 Resp: 136866
Ion Ratio Lower Upper
139 100
109 86.3 61.9 101.9
65 110.9 99.1 139.1

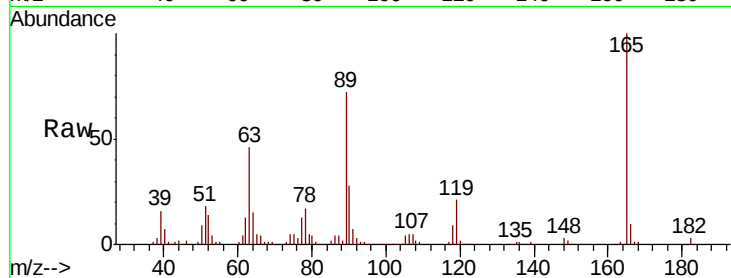




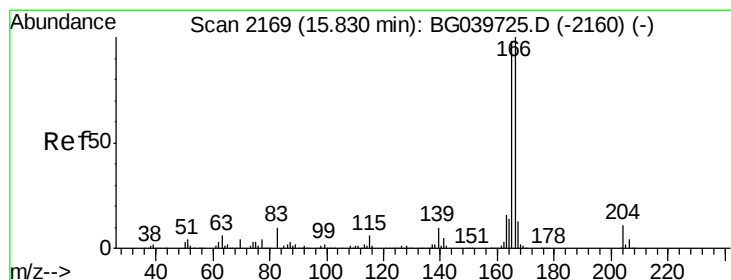
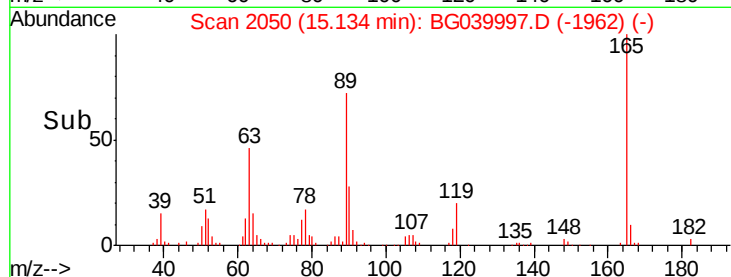
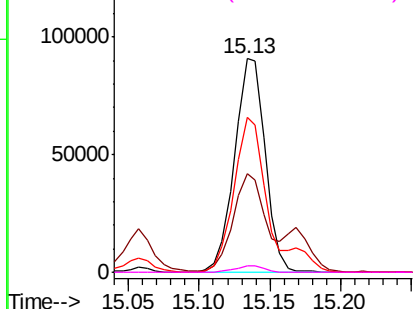
#57
2,4-Dinitrotoluene
Concen: 49.939 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	137479
Ion Ratio	Lower	Upper
165	100	
63	46.1	41.0 61.6
89	72.3	64.6 96.8
182	2.8	2.0 3.0

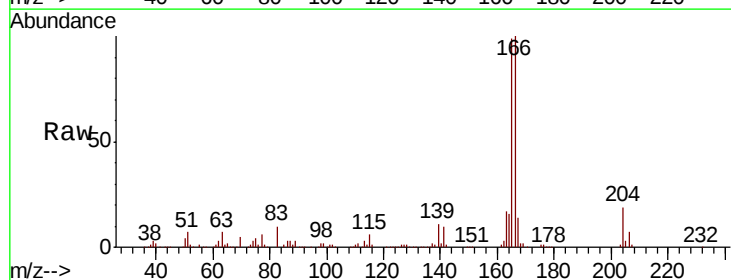


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

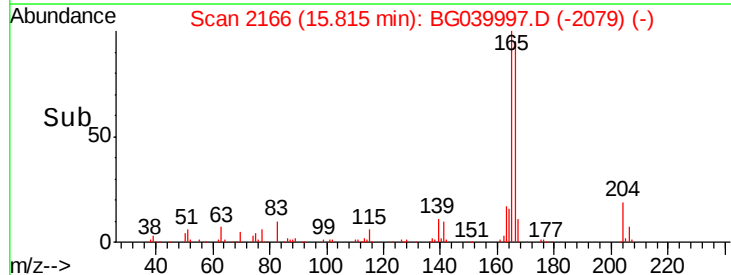
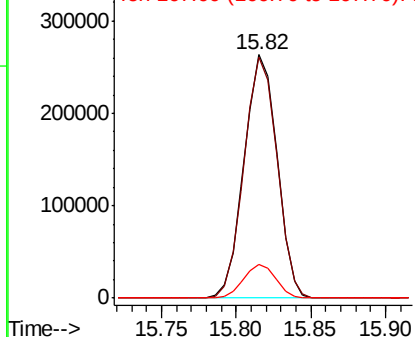


#58
Fluorene
Concen: 46.208 ng
RT: 15.82 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:166	Resp:	402704
Ion Ratio	Lower	Upper
166	100	
165	99.2	77.9 116.9
167	13.6	10.8 16.2



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

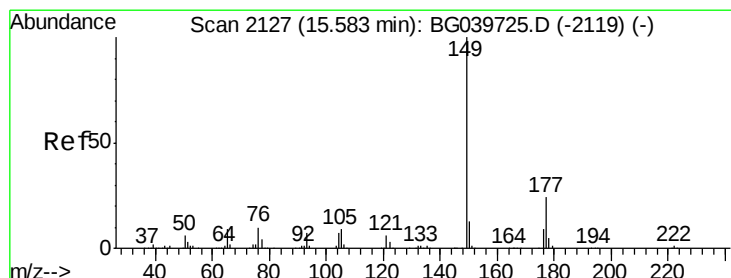
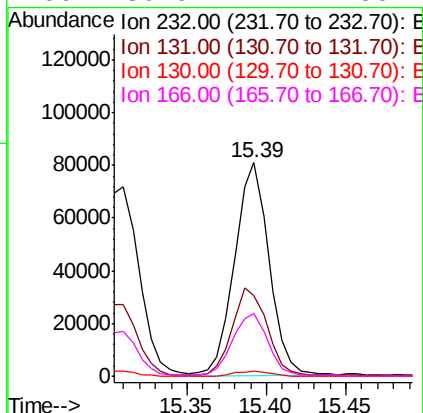
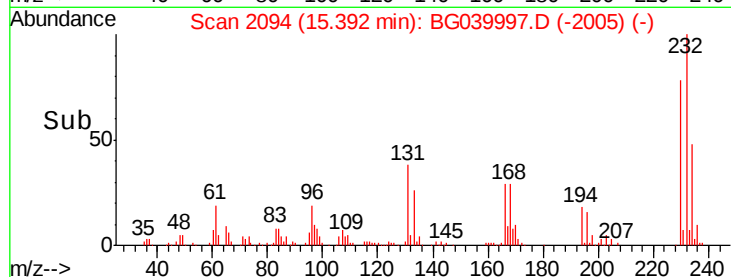
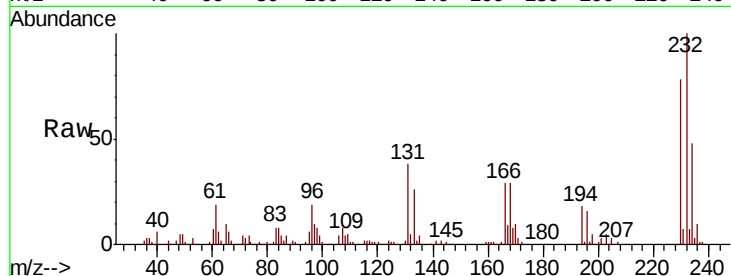




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.371 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

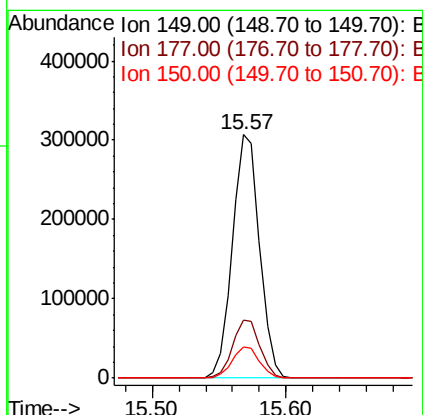
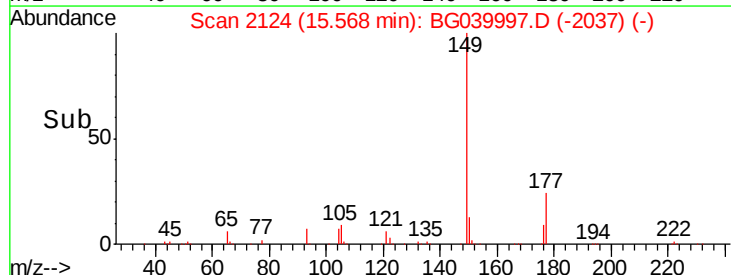
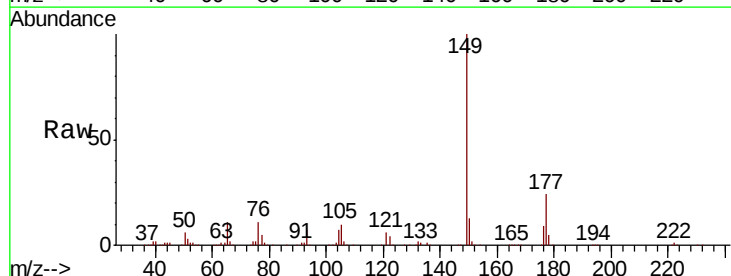
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	121551
Ion	Ratio	Lower	Upper
232	100		
131	43.0	34.9	52.3
130	2.4	2.0	3.0
166	30.9	24.1	36.1



#60
Diethylphthalate
Concen: 47.358 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:	149	Resp:	433270
Ion	Ratio	Lower	Upper
149	100		
177	23.7	18.3	27.5
150	12.9	10.2	15.2

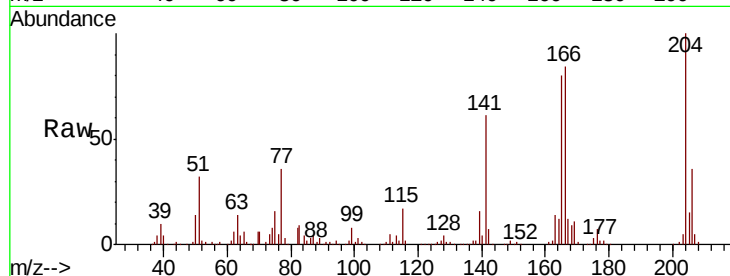




#61
4-Chlorophenyl-phenylether
Concen: 46.706 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.8	29.2	43.8
141	61.0	49.0	73.4

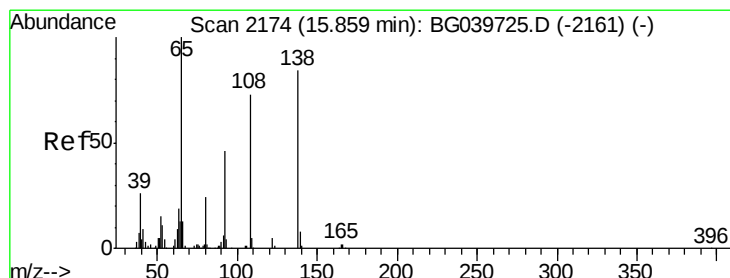
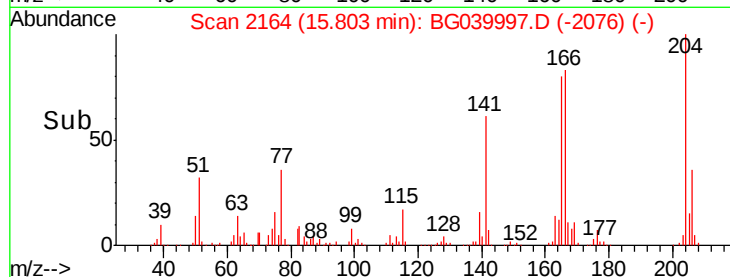
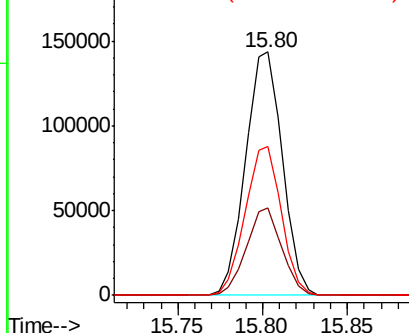


Abundance

Ion 204.00 (203.70 to 204.70): E

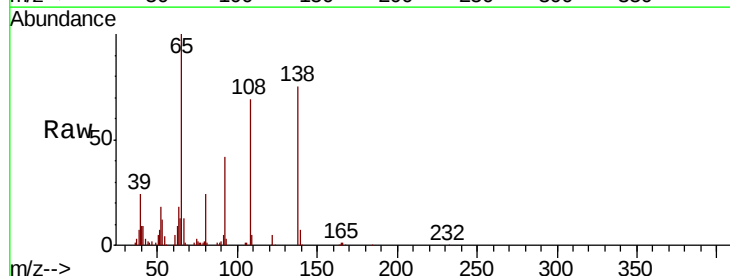
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.724 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.3	38.7	78.7
108	93.1	74.6	114.6

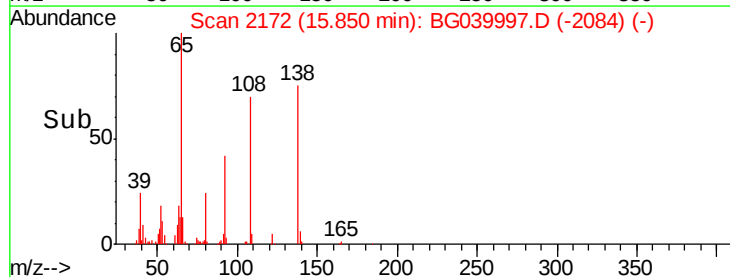
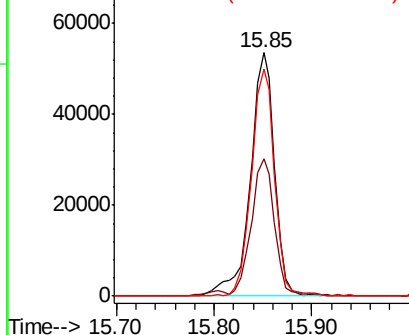


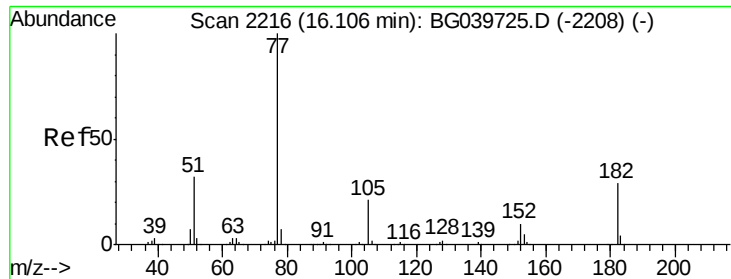
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 48.111 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 398987

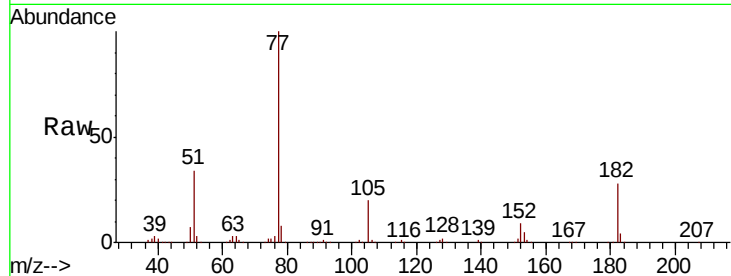
Ion Ratio Lower Upper

77 100

182 27.6 6.4 46.4

105 19.5 0.0 39.8

51 33.6 14.1 54.1

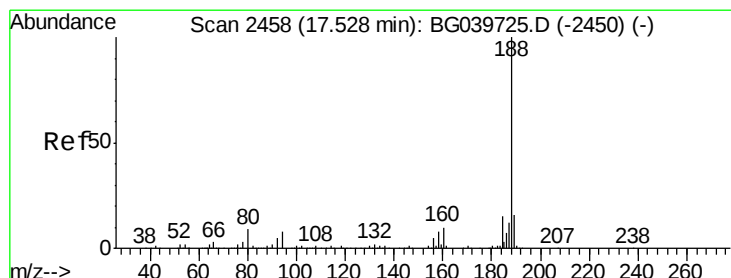
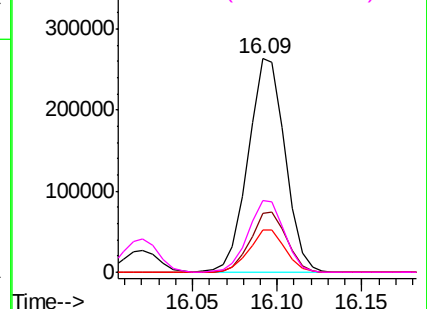
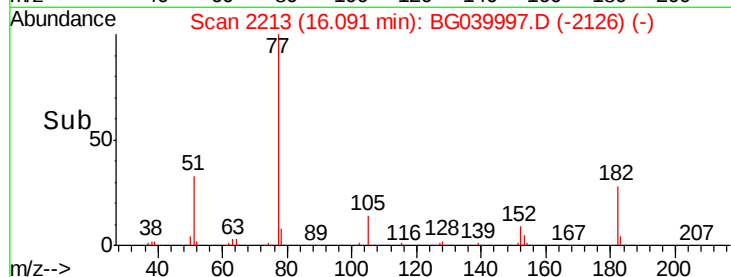


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.51 min Scan# 2455

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

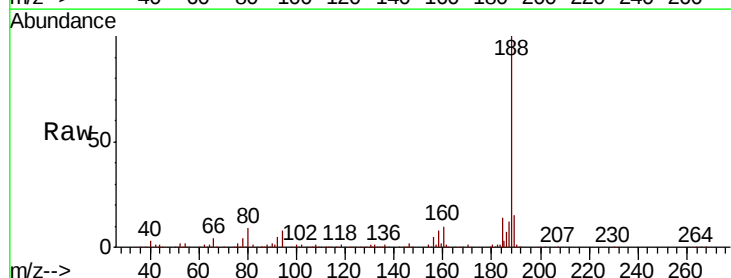
Tgt Ion: 188 Resp: 269277

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

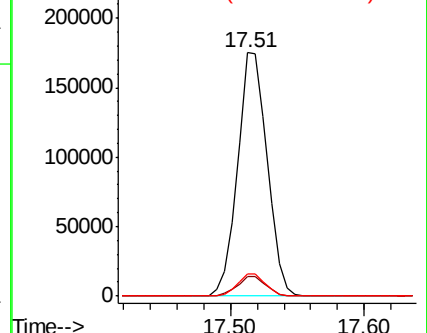
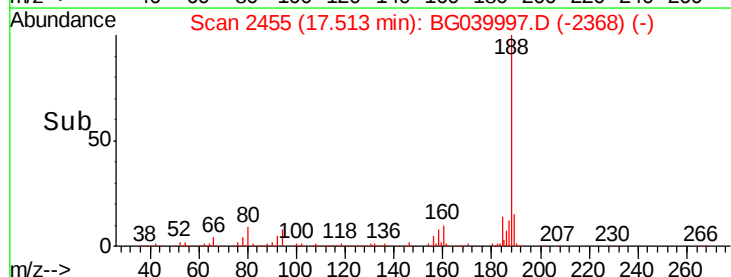
80 8.9 8.1 12.1



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: 22.850 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

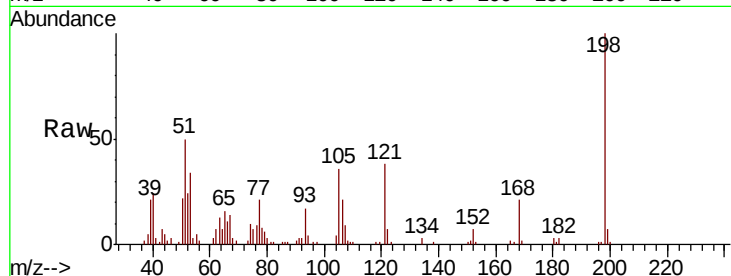
Tot Ion:198 Resp: 36380

Ion	Ratio	Lower	Upper
198	100		
51	49.8	27.4	67.4
105	36.2	19.7	59.7

198 100

51 49.8 27.4 67.4

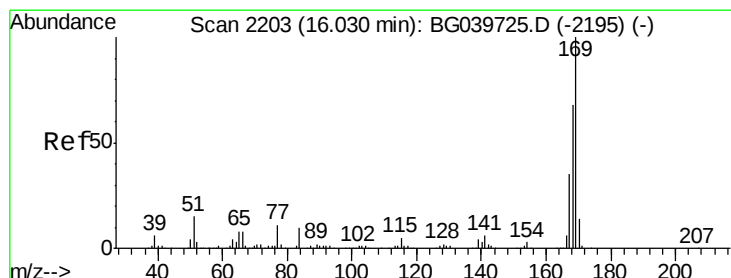
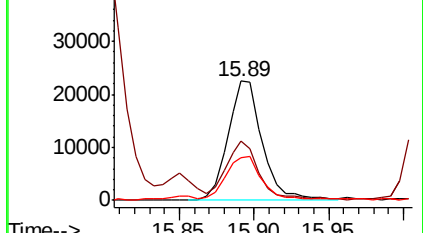
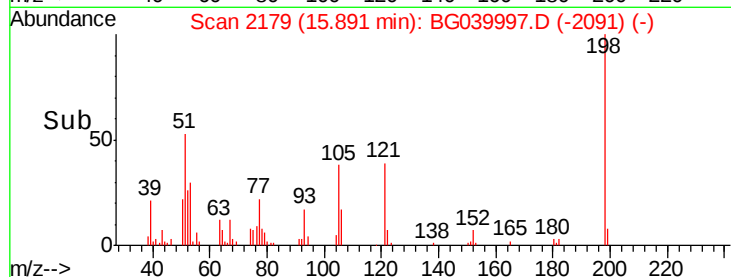
105 36.2 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039997.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.834 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

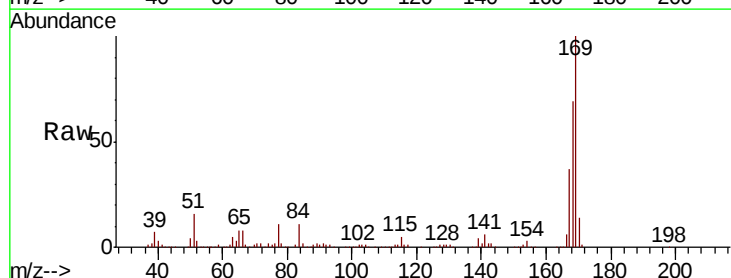
Tgt Ion:169 Resp: 372896

Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.6	85.0
167	36.6	28.8	43.2

169 100

168 69.0 56.6 85.0

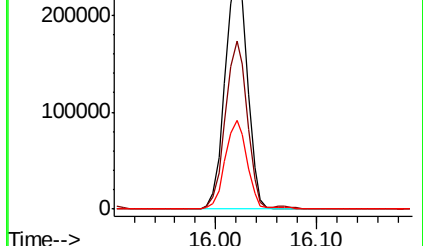
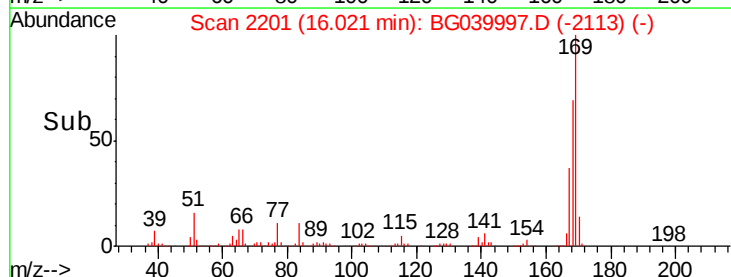
167 36.6 28.8 43.2



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

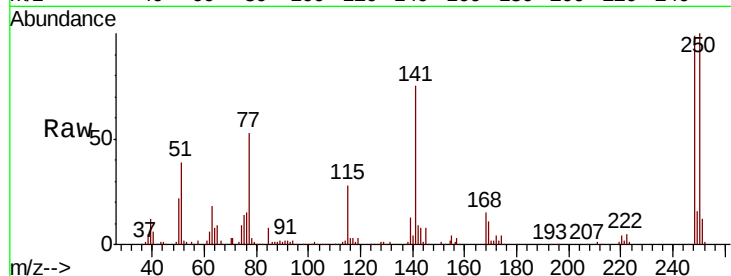




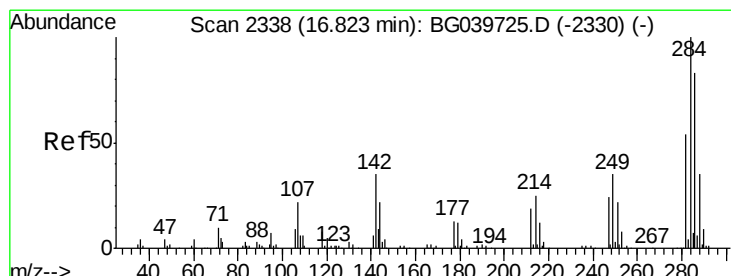
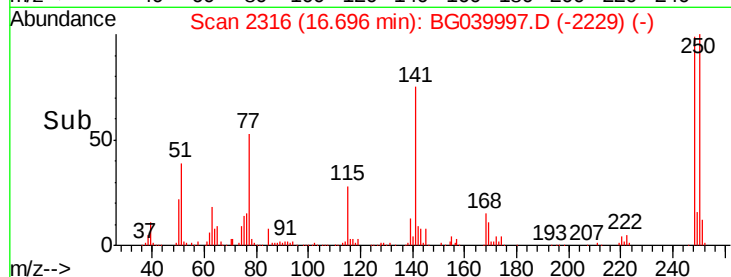
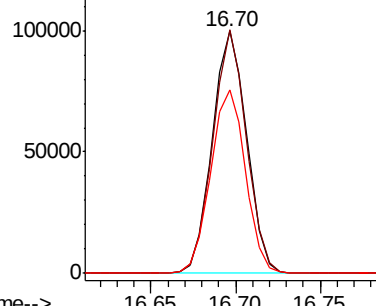
#67
 4-Bromophenyl-phenylether
 Concen: 47.015 ng
 RT: 16.70 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 141710
 Ion Ratio Lower Upper
 248 100
 250 100.6 77.6 116.4
 141 75.8 63.9 95.9

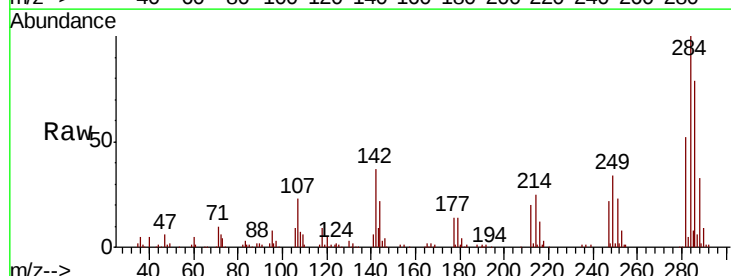


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

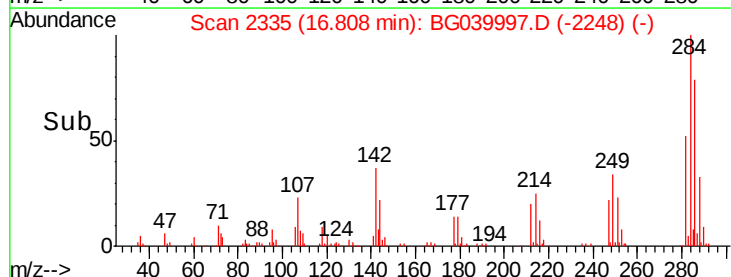
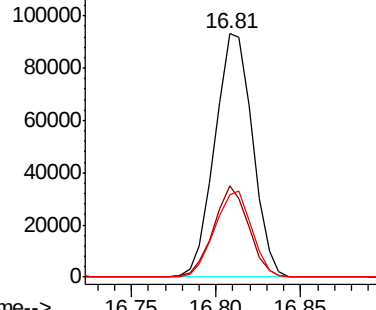


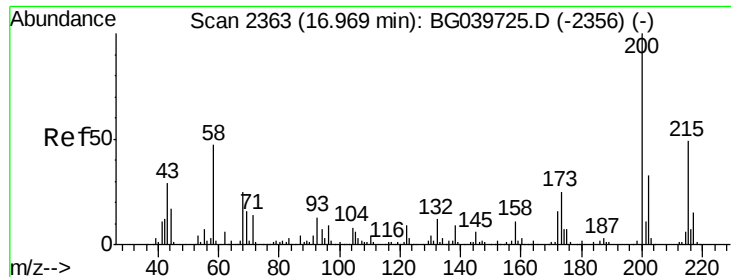
#68
 Hexachlorobenzene
 Concen: 46.504 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:284 Resp: 145295
 Ion Ratio Lower Upper
 284 100
 142 37.3 30.6 45.8
 249 33.9 28.2 42.2



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

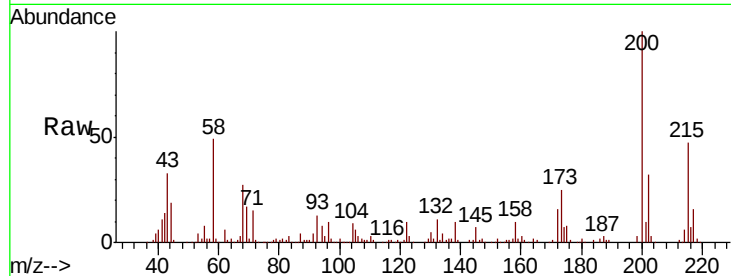




#69
 Atrazine
 Concen: 48.470 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.8	3.9	43.9
215	47.0	30.9	70.9

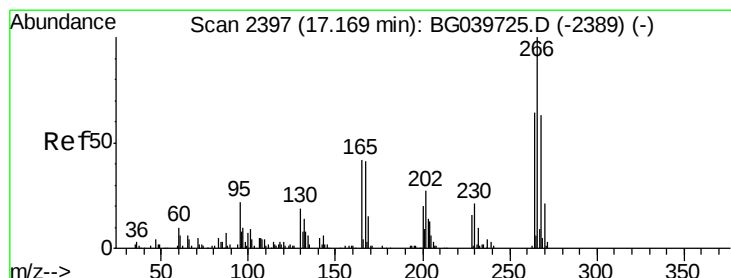
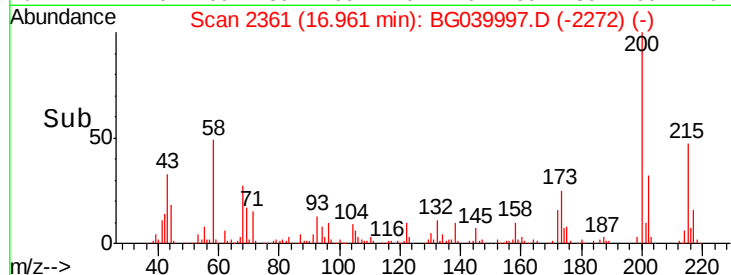
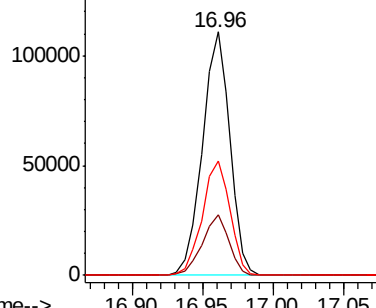


Abundance

Ion 200.00 (199.70 to 200.70): E

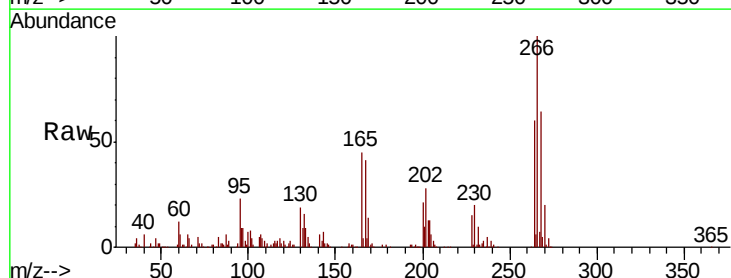
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 61.372 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.1	76.7
264	60.3	52.1	78.1

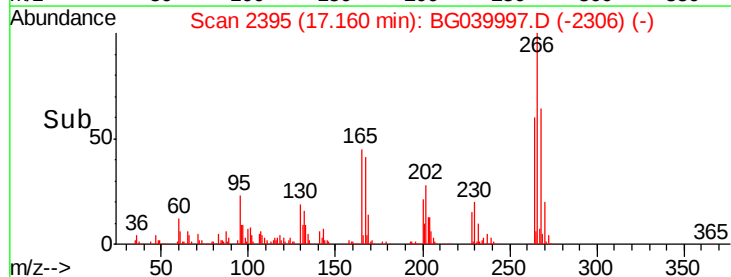
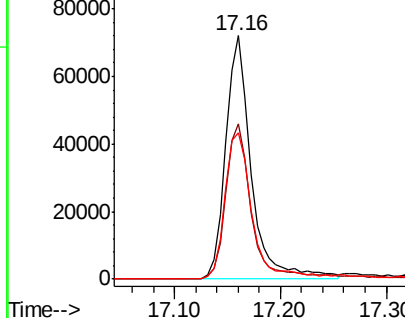


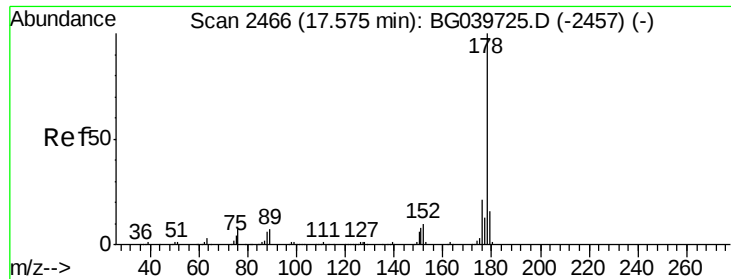
Abundance

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

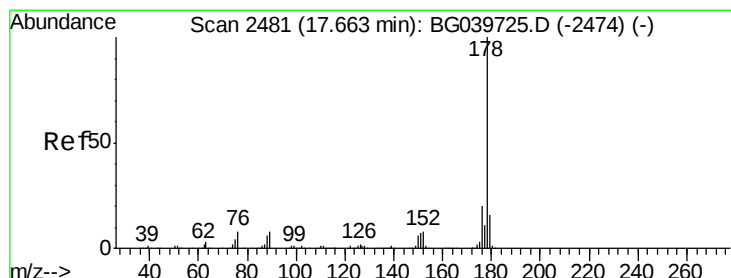
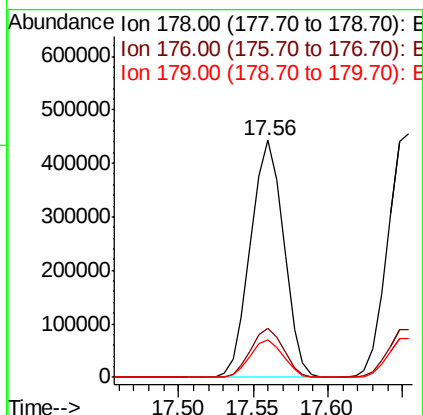
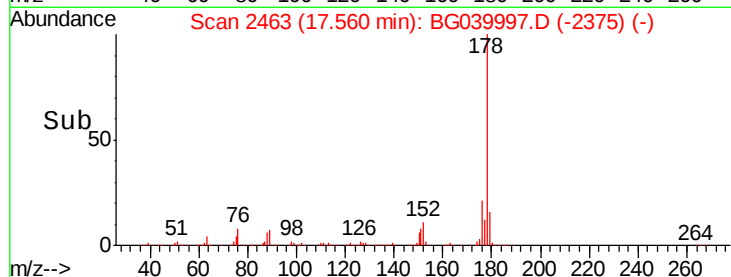
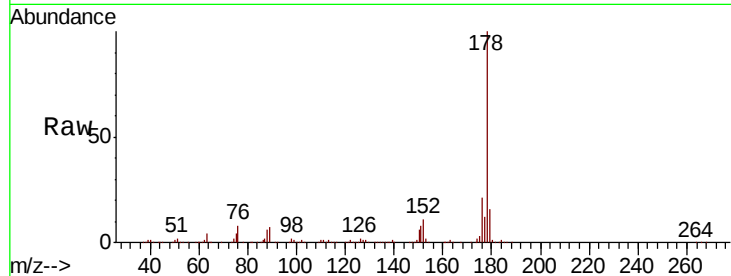




#71
Phenanthrene
Concen: 46.033 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

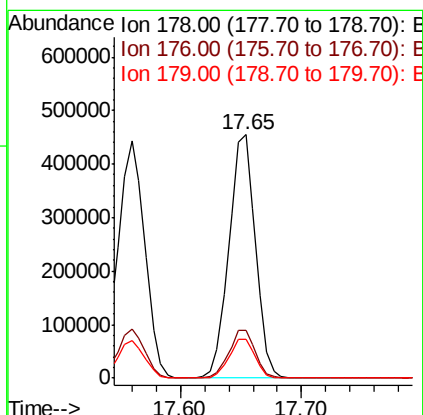
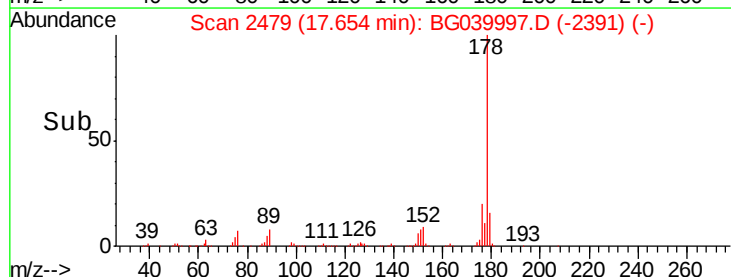
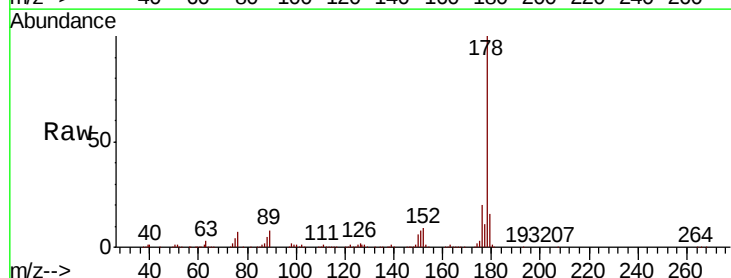
Instrument :
BNA_G
ClientSampleId :

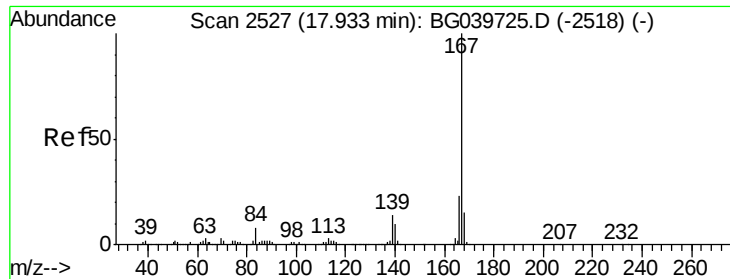
Tot Ion:178 Resp: 682765
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 15.8 12.6 19.0



#72
Anthracene
Concen: 47.905 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:178 Resp: 692407
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 15.7 12.5 18.7

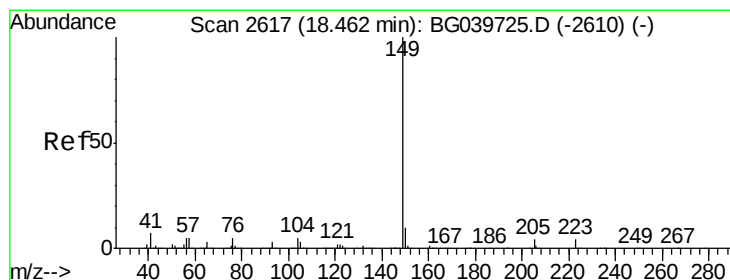
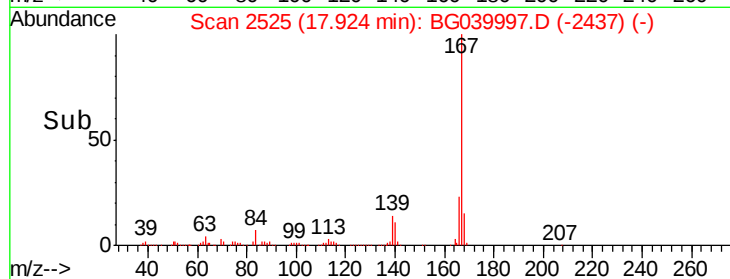
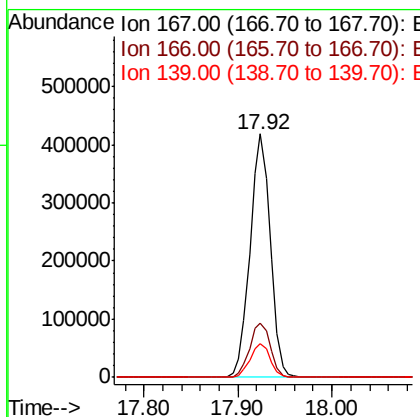
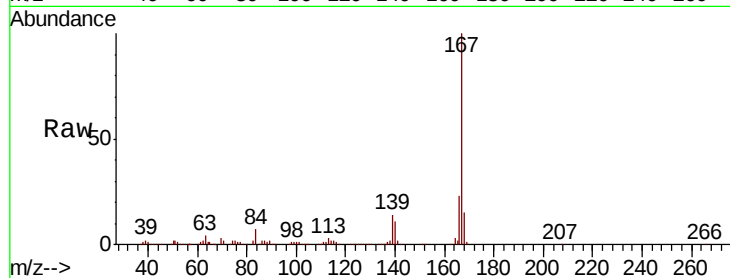




#73
 Carbazole
 Concen: 47.856 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

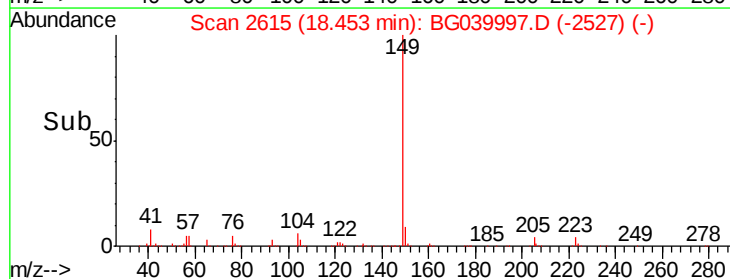
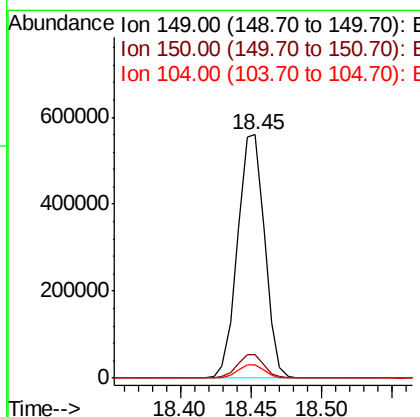
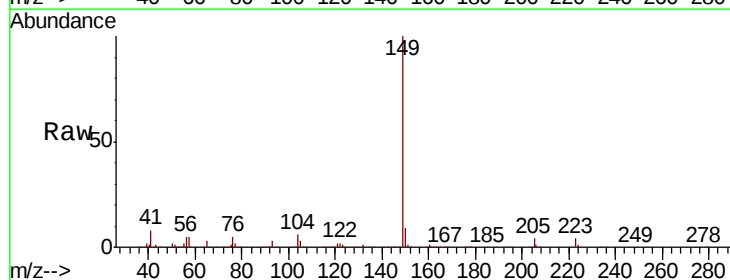
Instrument :
 BNA_G
 ClientSampleId :

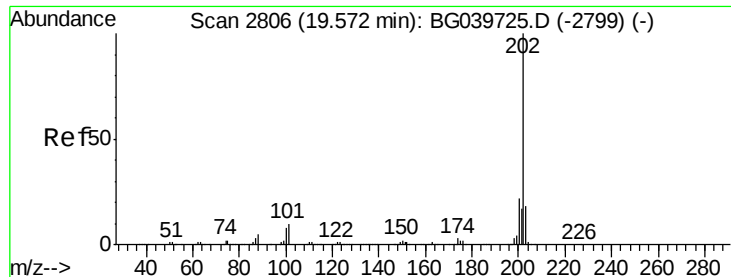
Tot Ion:167 Resp: 623572
 Ion Ratio Lower Upper
 167 100
 166 22.5 19.4 29.2
 139 13.6 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 48.750 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:149 Resp: 747377
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.7 11.5
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 47.197 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

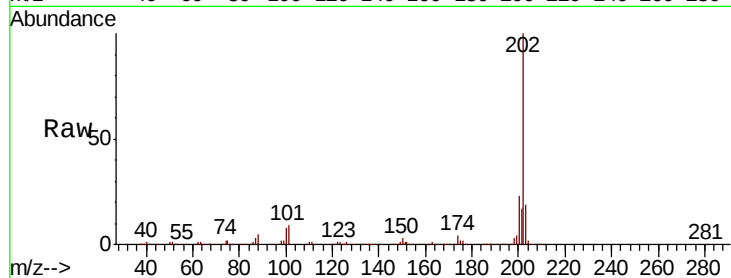
Tot Ion:202 Resp: 827318

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.0

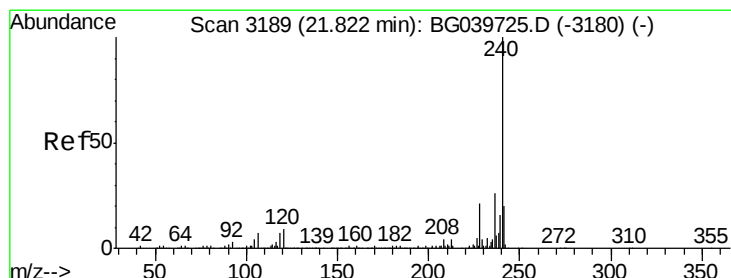
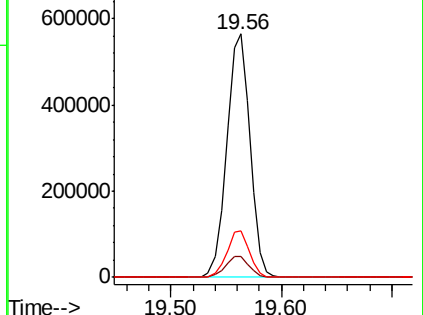
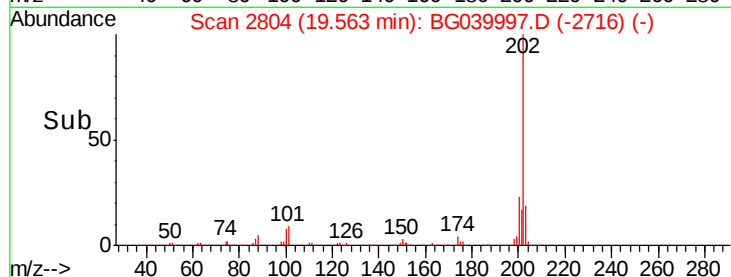
203 18.9 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

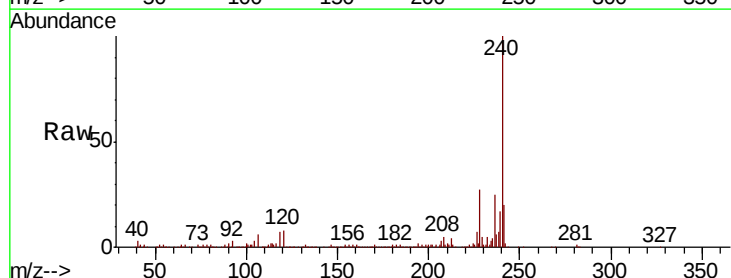
Tgt Ion:240 Resp: 279401

Ion Ratio Lower Upper

240 100

120 7.8 7.0 10.6

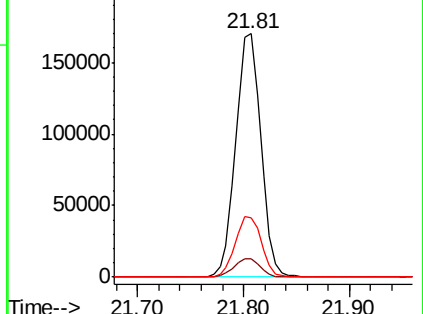
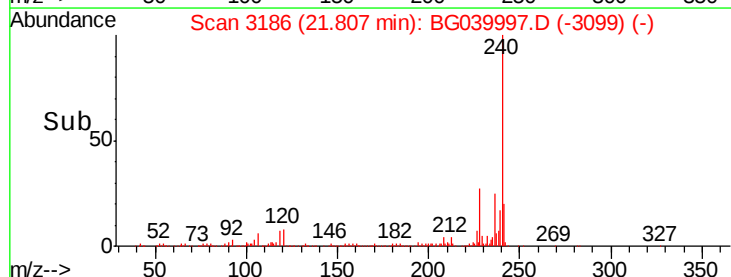
236 24.5 21.0 31.4



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: 7.218 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

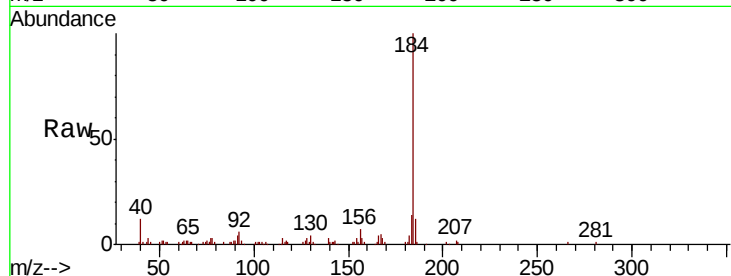
Tot Ion:184 Resp: 63992

Ion Ratio Lower Upper

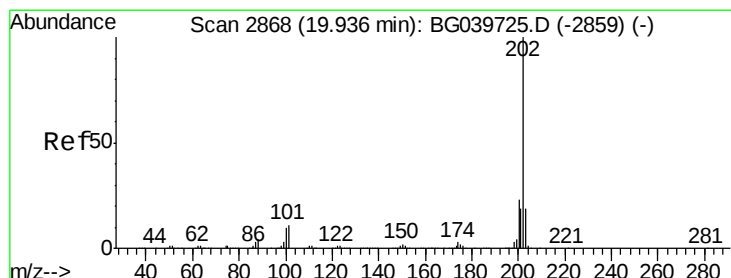
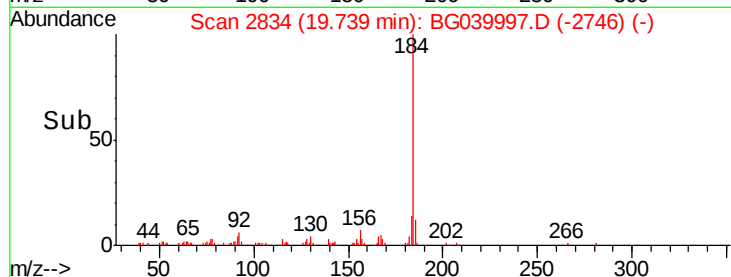
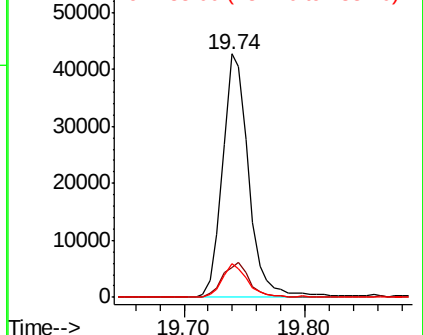
184 100

185 12.3 12.2 18.2

183 13.8 10.6 15.8



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: 46.620 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

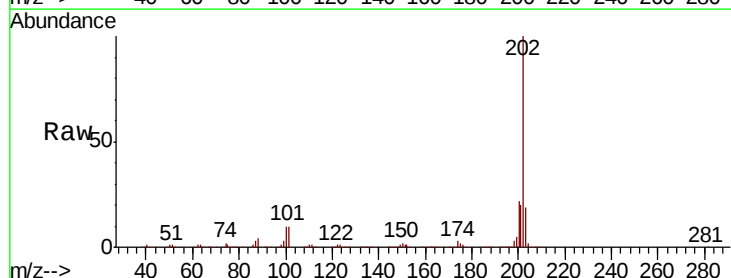
Tgt Ion:202 Resp: 846412

Ion Ratio Lower Upper

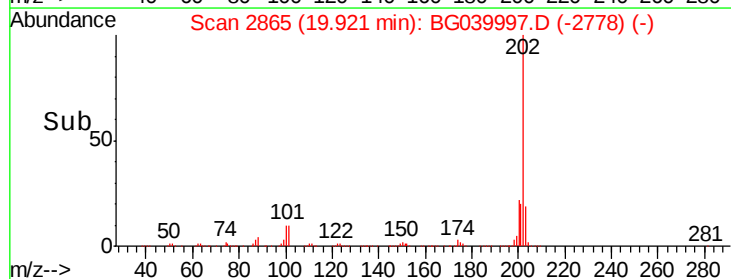
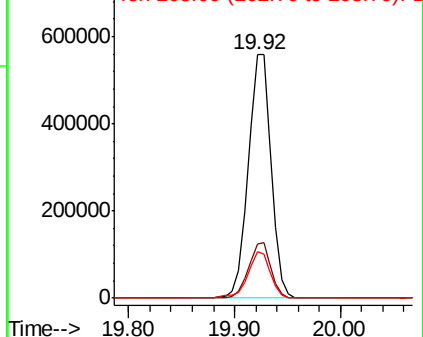
202 100

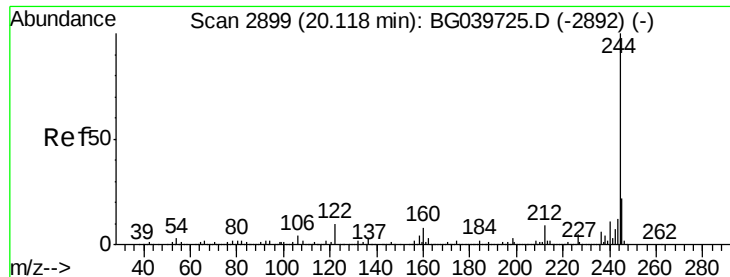
200 22.5 17.8 26.8

203 19.0 15.3 22.9



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: 91.658 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

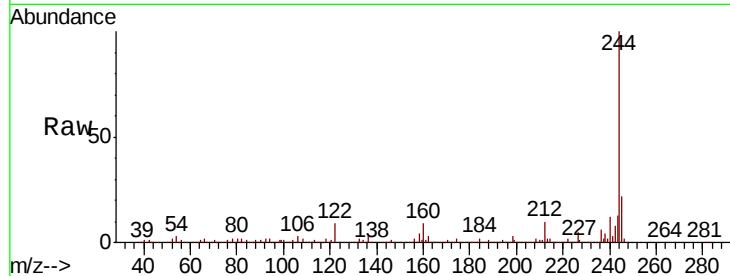
Tot Ion:244 Resp: 1163111

Ion Ratio Lower Upper

244 100

212 9.6 7.3 10.9

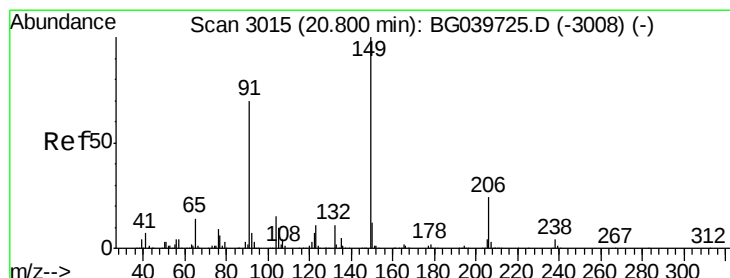
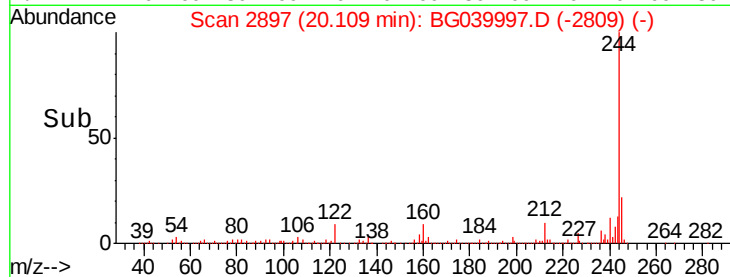
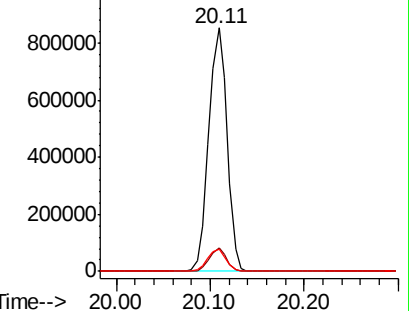
122 9.3 8.4 12.6



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: 50.628 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

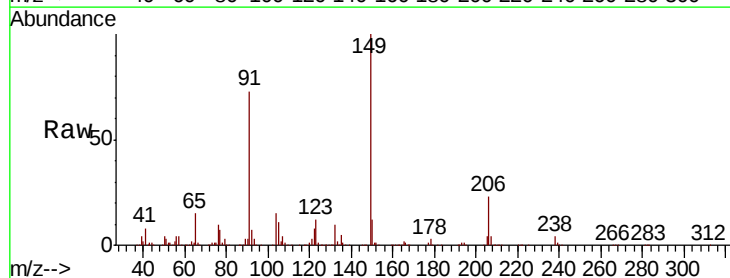
Tgt Ion:149 Resp: 356118

Ion Ratio Lower Upper

149 100

91 72.7 59.5 89.3

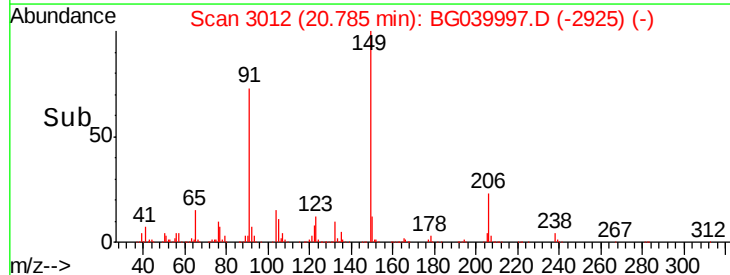
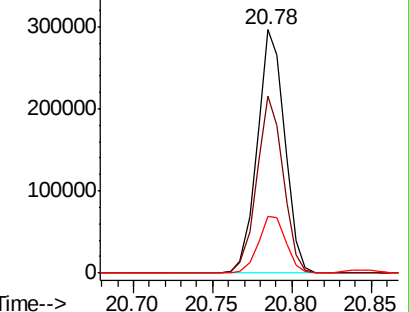
206 23.1 18.6 27.8



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

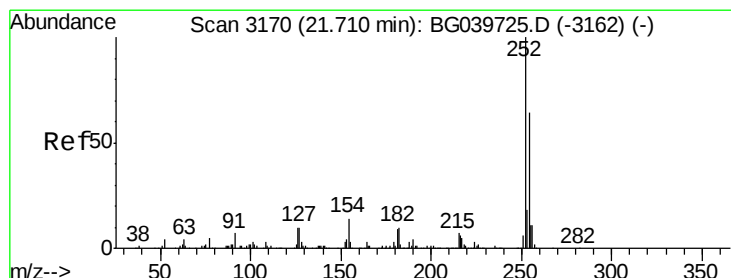
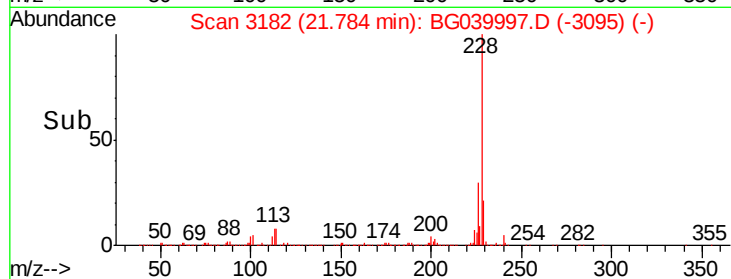
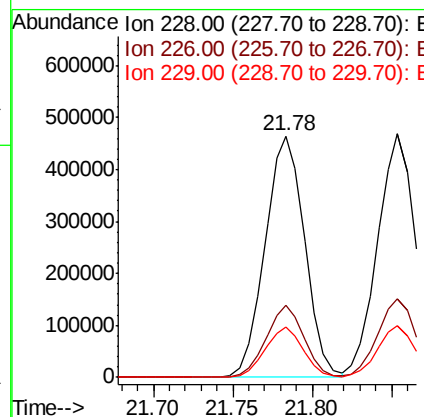
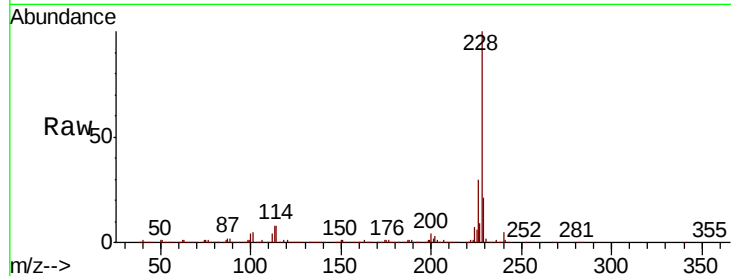




#81
Benzo(a)anthracene
Concen: 46.021 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

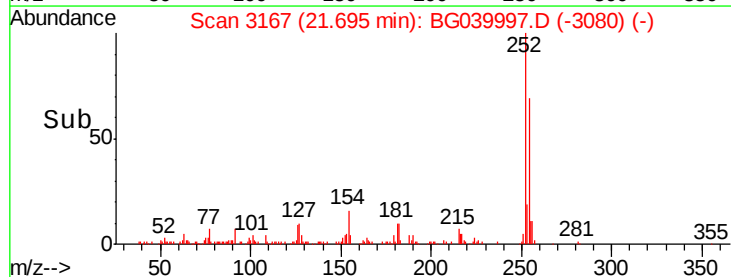
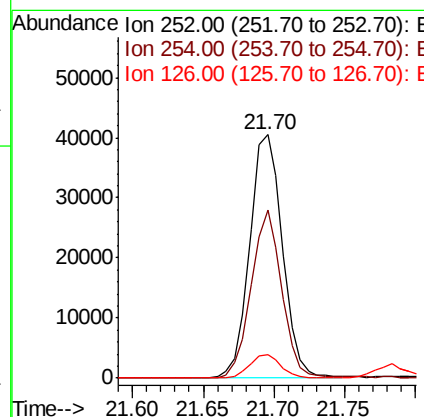
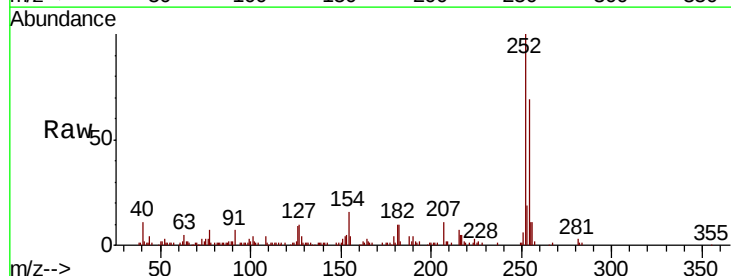
Instrument :
BNA_G
ClientSampleId :

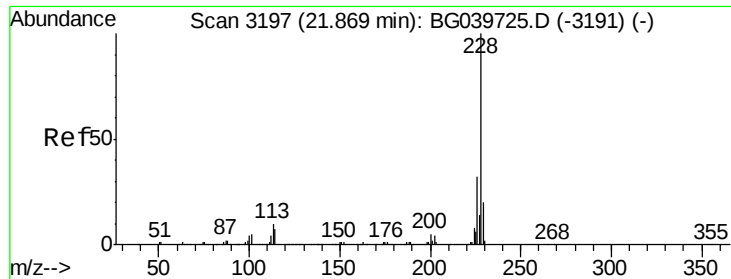
Tot Ion:228 Resp: 805862
Ion Ratio Lower Upper
228 100
226 29.7 23.0 34.6
229 20.9 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 10.343 ng
RT: 21.70 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:252 Resp: 66125
Ion Ratio Lower Upper
252 100
254 69.1 51.3 76.9
126 9.5 8.0 12.0

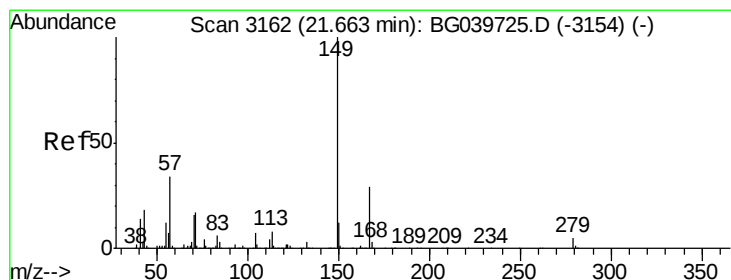
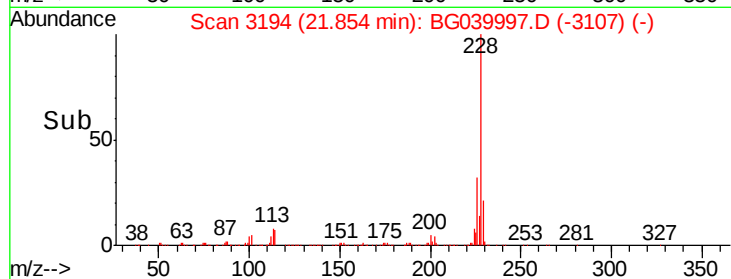
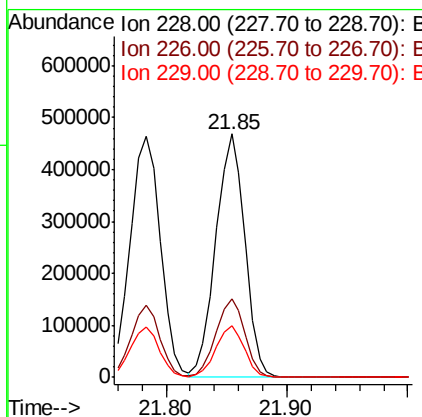
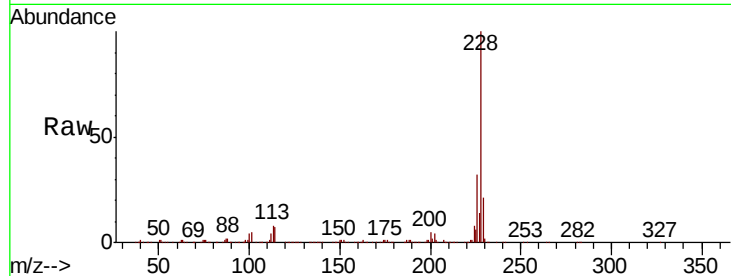




#83
 Chrvsene
 Concen: 45.763 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

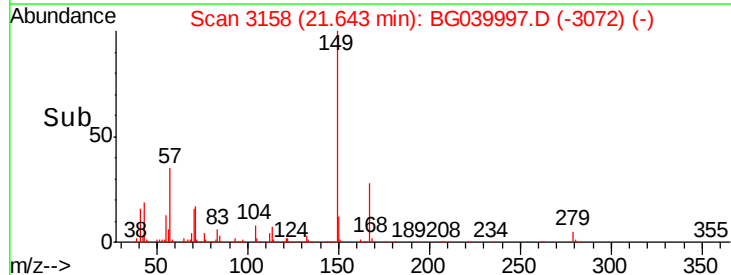
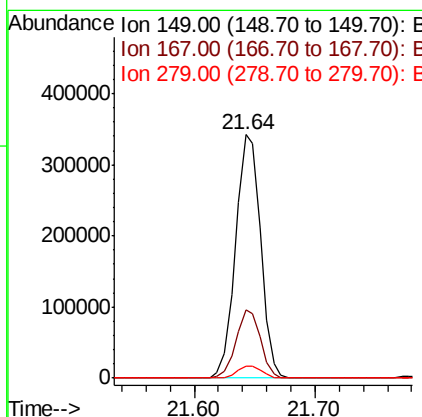
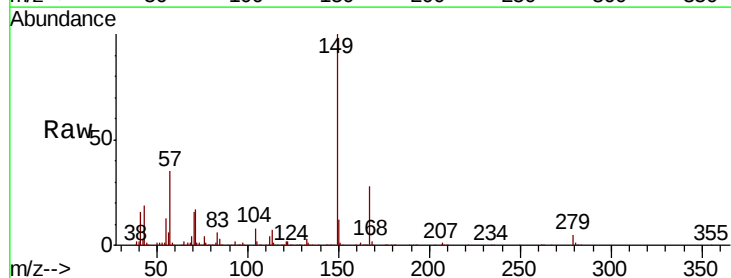
Instrument :
 BNA_G
 ClientSampleId :

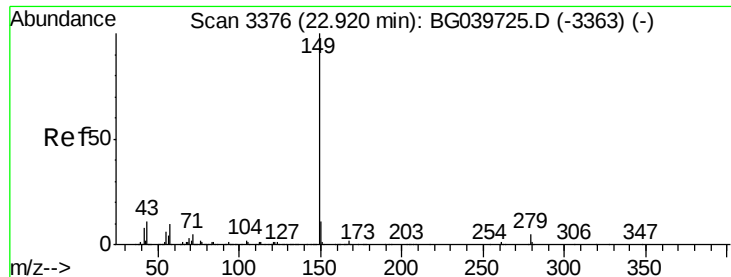
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.4	25.8	38.6
229	21.3	16.6	25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.060 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	22.6	34.0
279	4.9	3.5	5.3

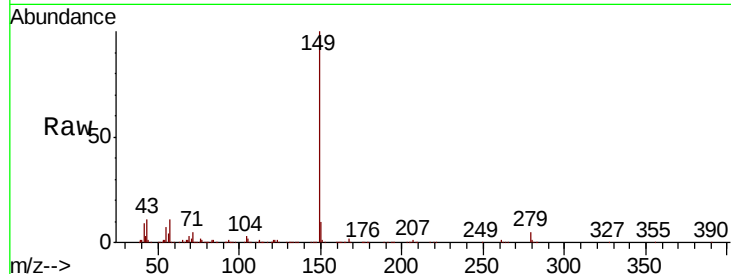




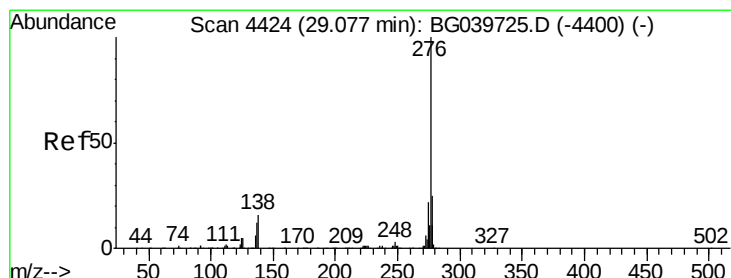
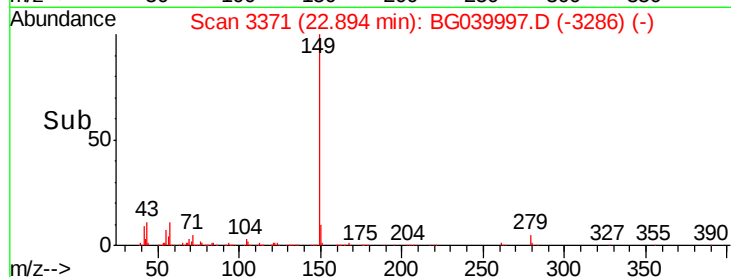
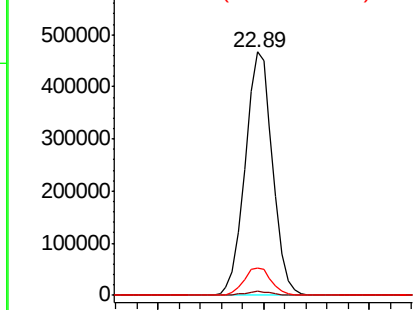
#85
Di-n-octyl phthalate
Concen: 51.212 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.3	10.2	15.4

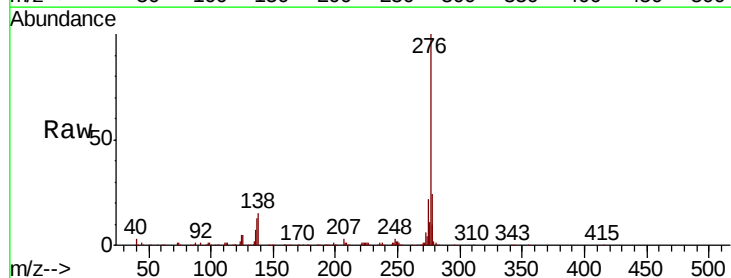


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

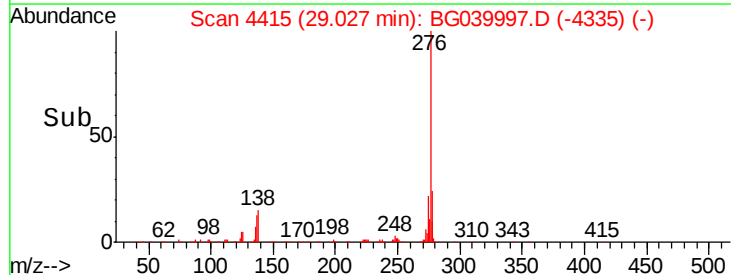
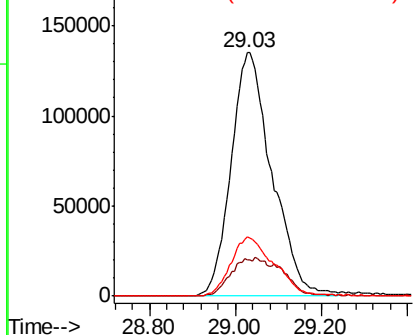


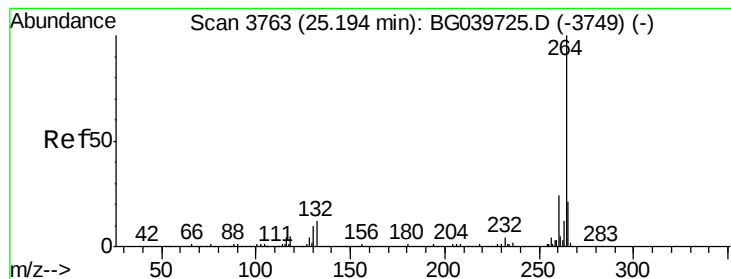
#86
Indeno(1,2,3-cd)pyrene
Concen: 46.524 ng
RT: 29.03 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	8.4	12.6	19.0#
277	25.4	20.8	31.2



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: 25.17 min Scan# 3758

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

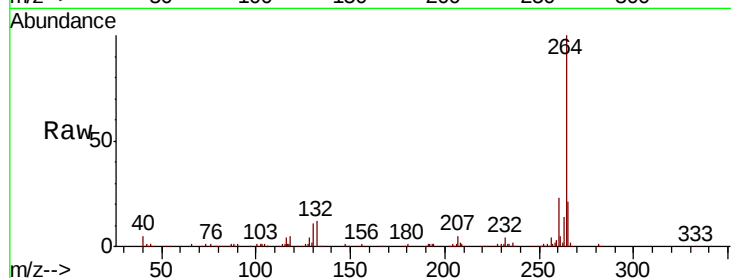
Tot Ion:264 Resp: 284634

Ion Ratio Lower Upper

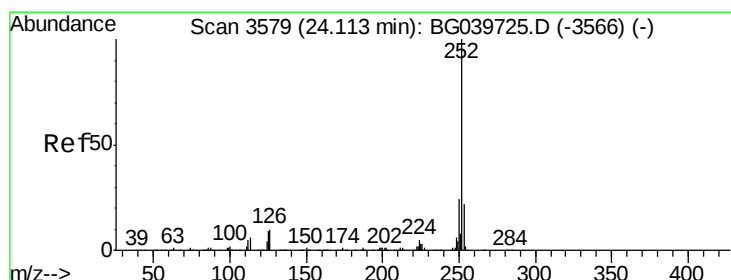
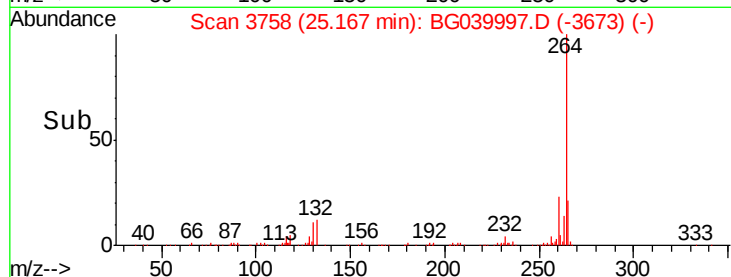
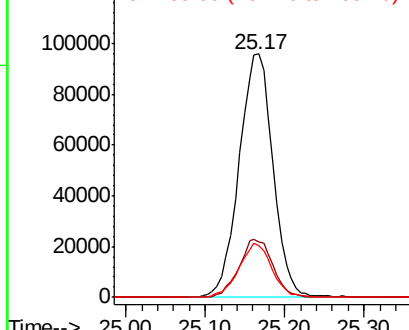
264 100

260 22.6 18.2 27.4

265 21.2 18.5 27.7



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: 47.086 ng

RT: 24.09 min Scan# 3575

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

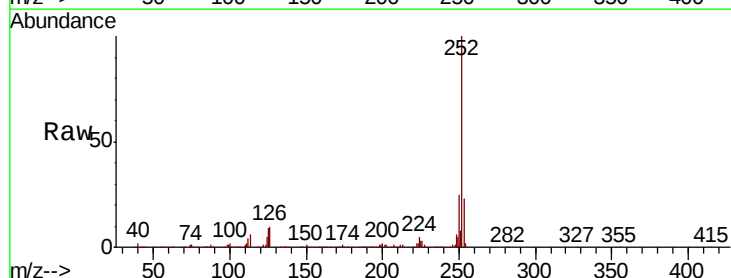
Tgt Ion:252 Resp: 799206

Ion Ratio Lower Upper

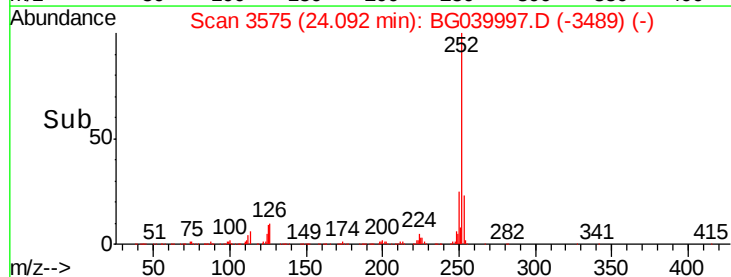
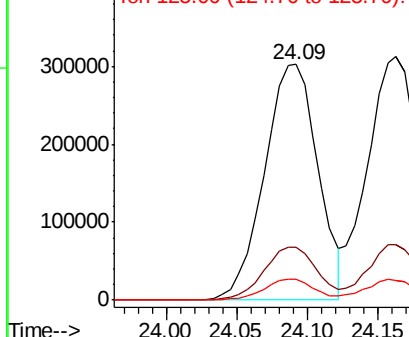
252 100

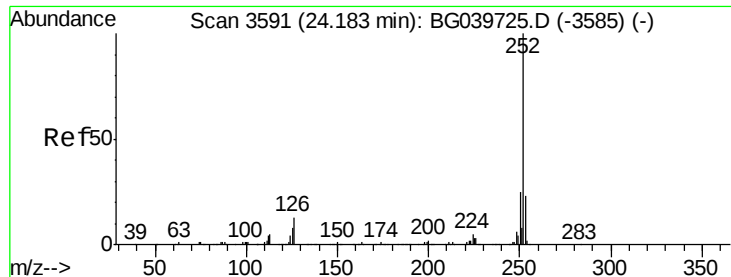
253 22.6 17.8 26.8

125 8.7 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 49.785 ng

RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Instrument :

BNA_G

ClientSampleId :

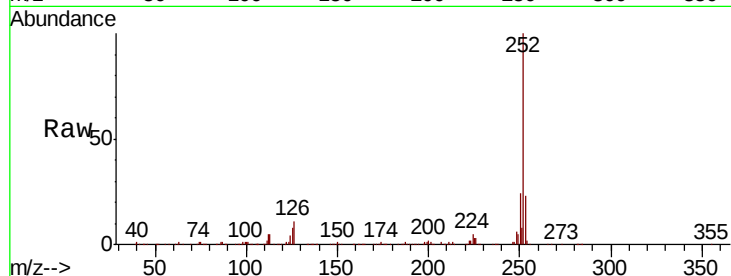
Tot Ion:252 Resp: 786590

Ion Ratio Lower Upper

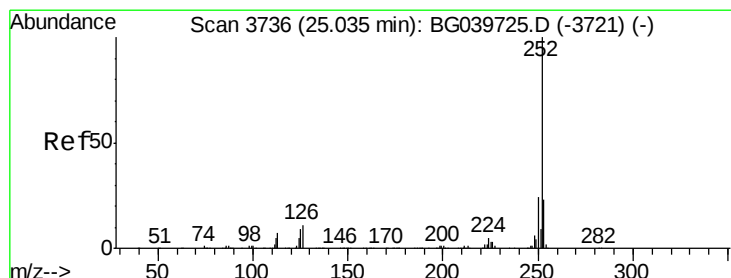
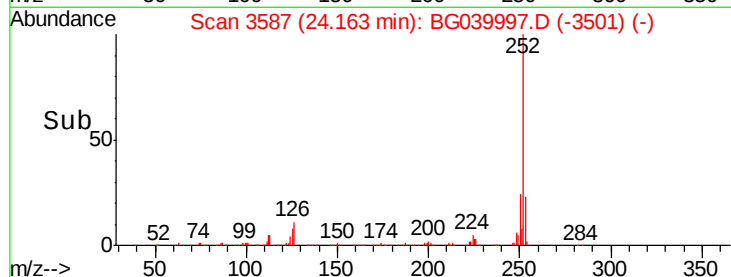
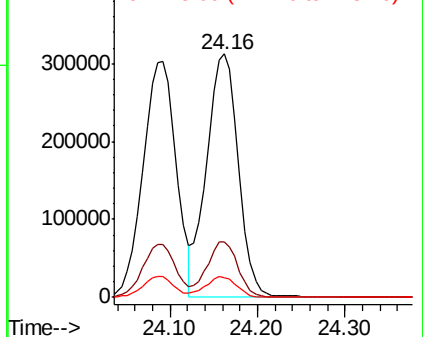
252 100

253 22.8 18.2 27.2

125 8.1 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 50.341 ng

RT: 25.01 min Scan# 3731

Delta R.T. -0.03 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

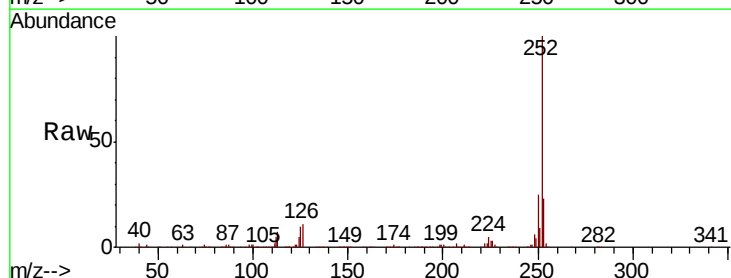
Tgt Ion:252 Resp: 789557

Ion Ratio Lower Upper

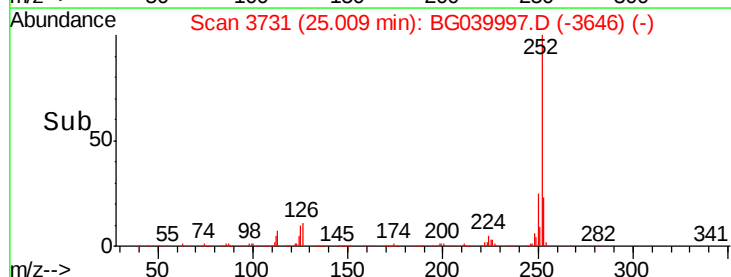
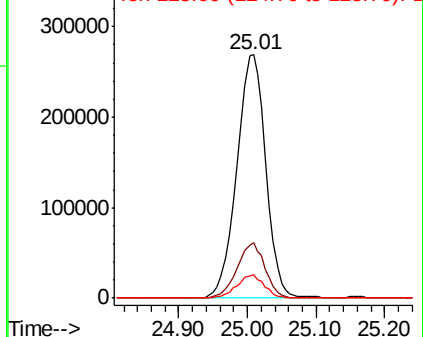
252 100

253 23.0 17.9 26.9

125 9.5 8.3 12.5



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

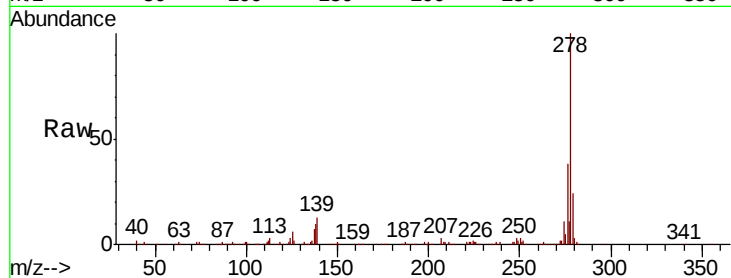




#91
Dibenzo(a,h)anthracene
Concen: 46.803 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	11.7	17.5
279	24.3	19.1	28.7

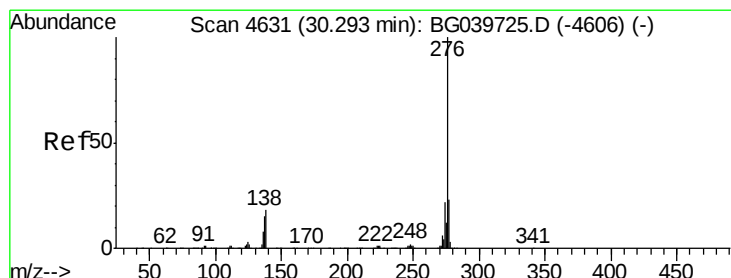
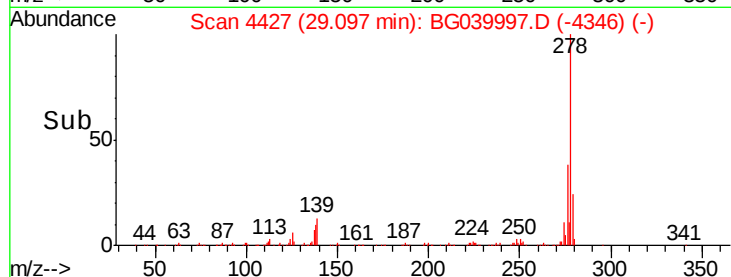
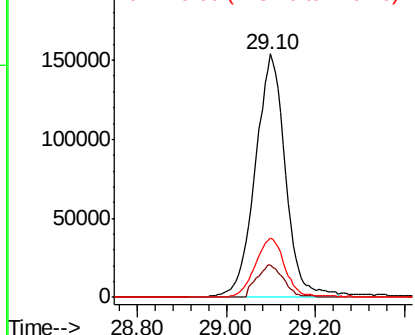


Abundance

Ion 278.00 (277.70 to 278.70): E

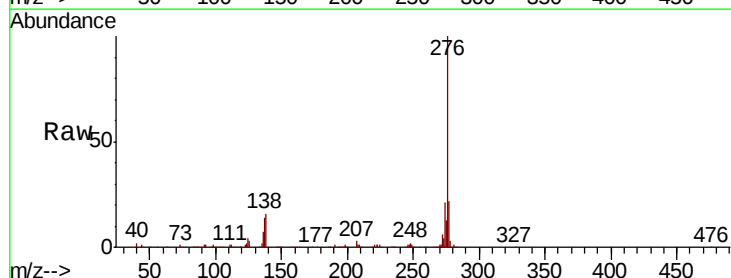
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.086 ng
RT: 30.26 min Scan# 4625
Delta R.T. -0.05 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	19.6	29.4
138	16.0	14.7	22.1



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

