

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 11:16:20 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

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

						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
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
41) Hexachlorocyclopentadiene	12.94	237	211150	105.230	ng	98

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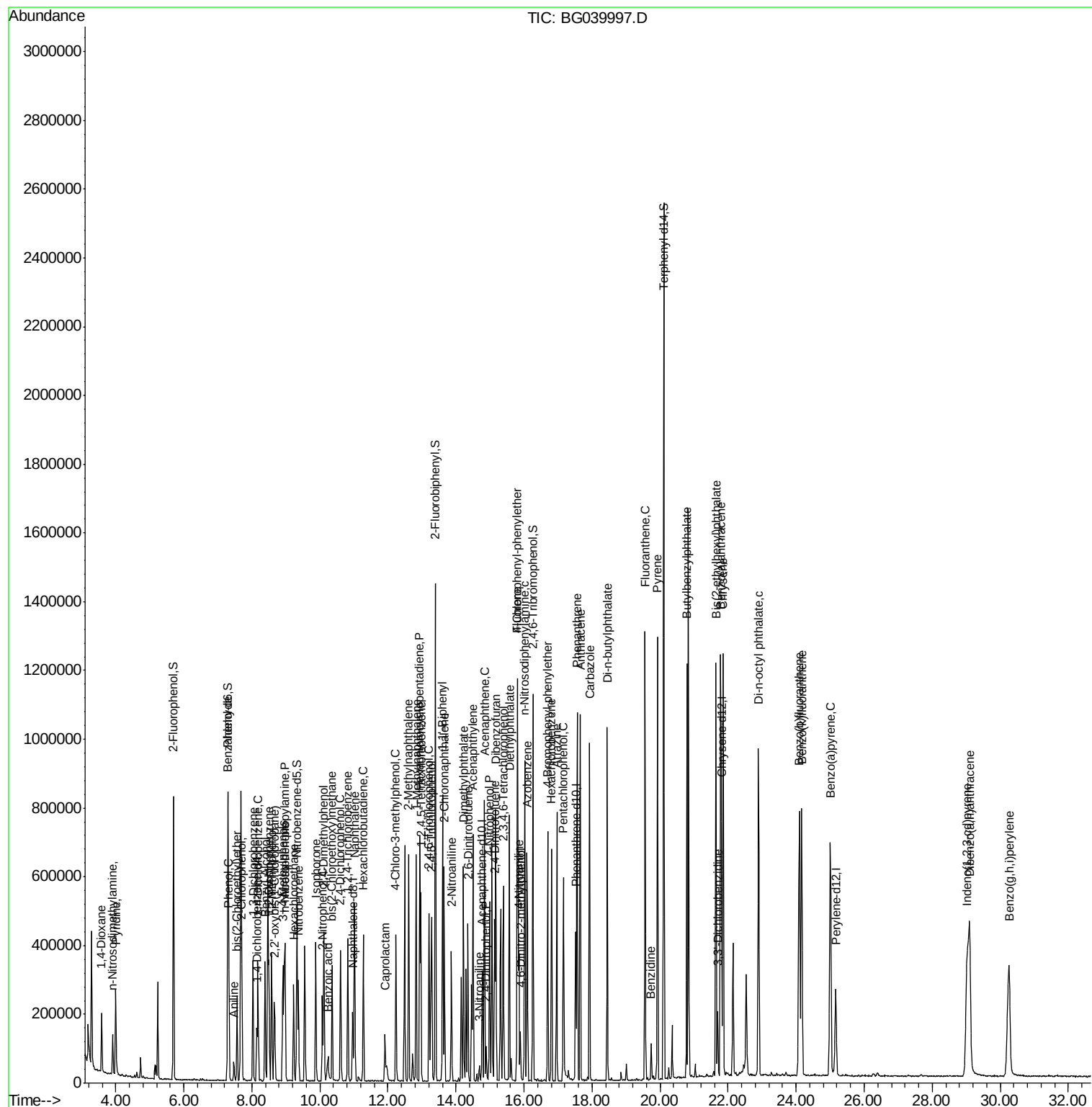
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	13.21	196	116555	53.171	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	125125	50.640	ng	97
46) 1,1'-Biphenyl	13.61	154	415986	45.761	ng	100
47) 2-Chloronaphthalene	13.66	162	322413	47.146	ng	98
48) 2-Nitroaniline	13.86	65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

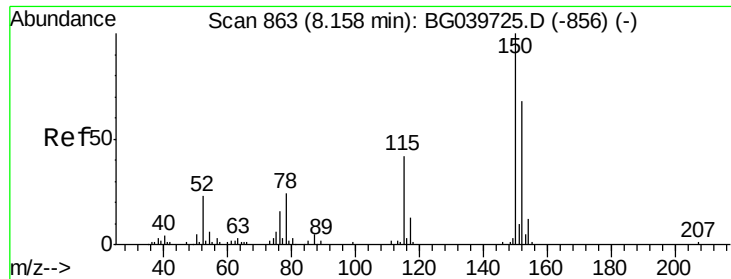
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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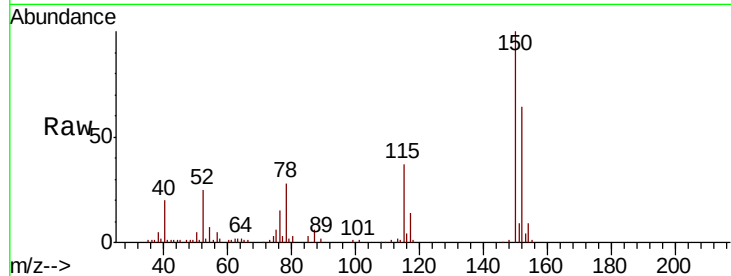


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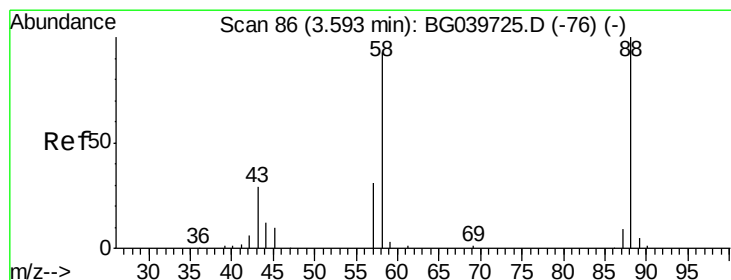
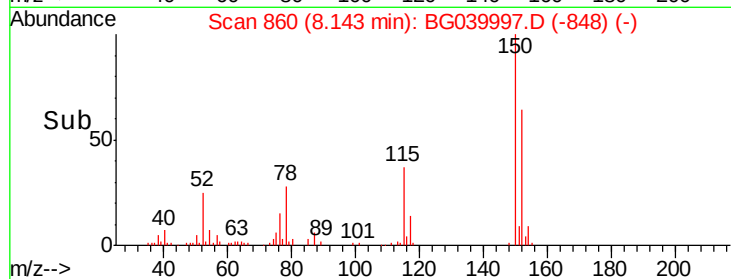
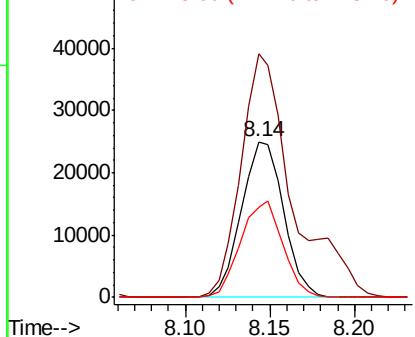
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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



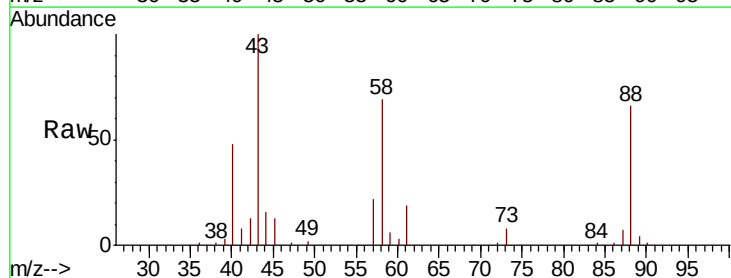
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



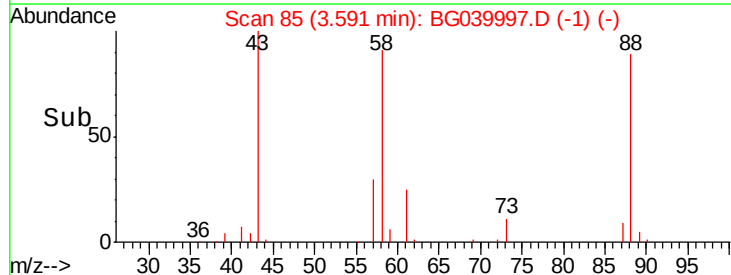
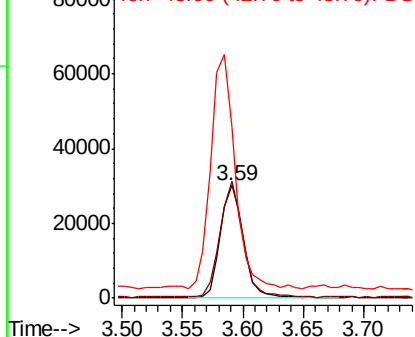
#2

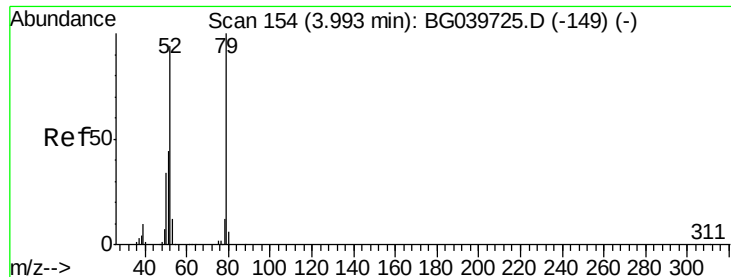
1,4-Dioxane
Concen: 34.163 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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 :

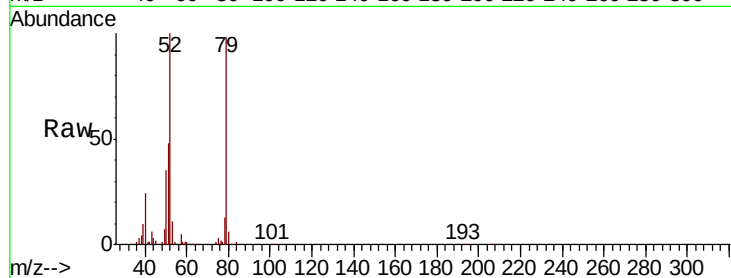
Tot Ion: 79 Resp: 102172

Ion Ratio Lower Upper

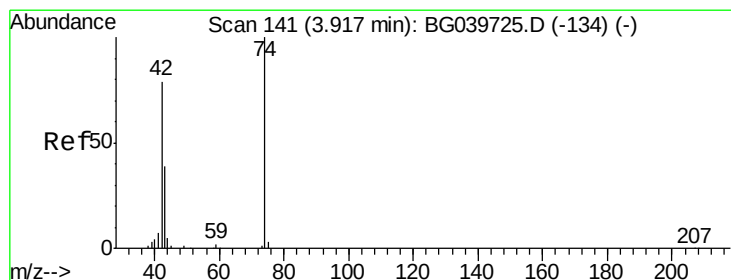
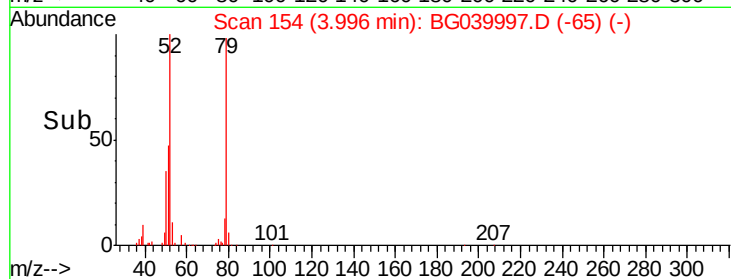
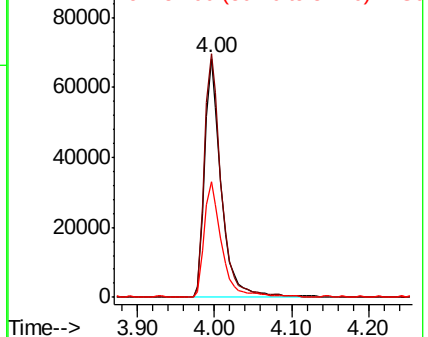
79 100

52 101.9 82.6 124.0

51 48.4 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 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

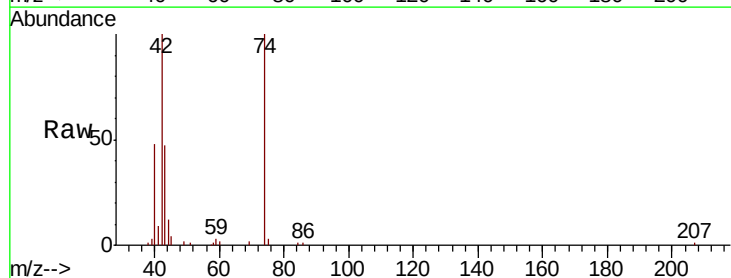
Tgt Ion: 42 Resp: 63719

Ion Ratio Lower Upper

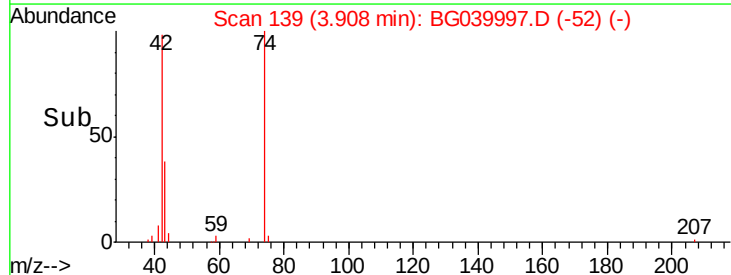
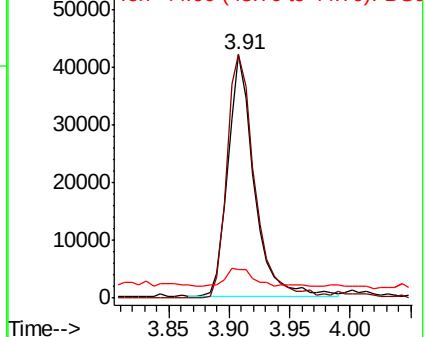
42 100

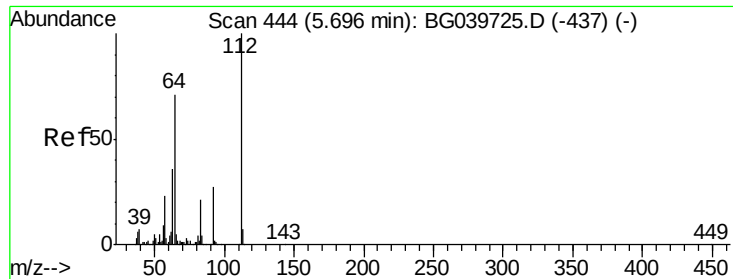
74 100.1 83.6 125.4

44 12.0 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 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

ClientSampled :

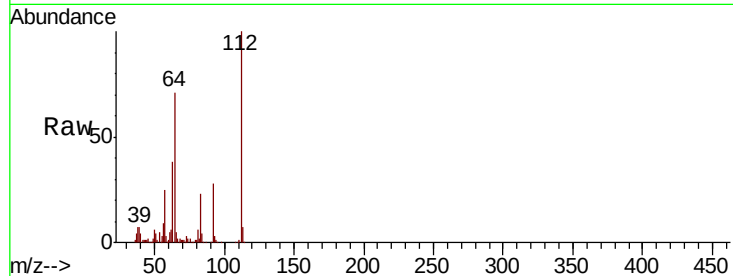
Tot Ion:112 Resp: 330709

Ion Ratio Lower Upper

112 100

64 71.2 57.8 86.8

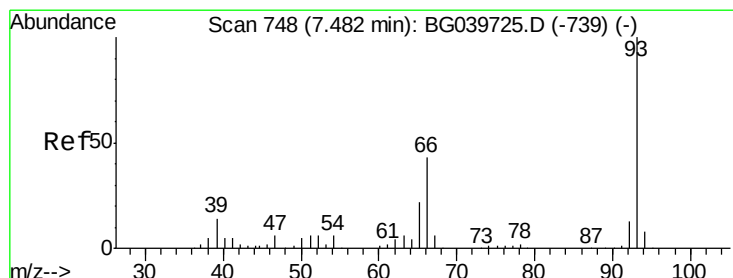
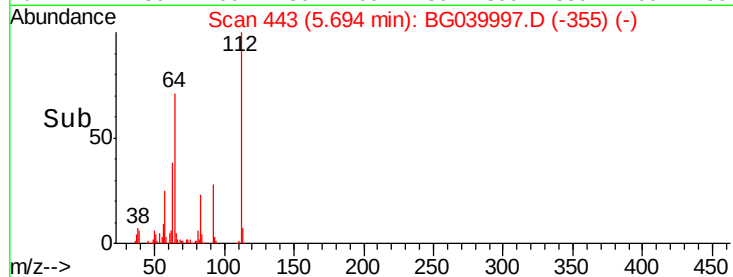
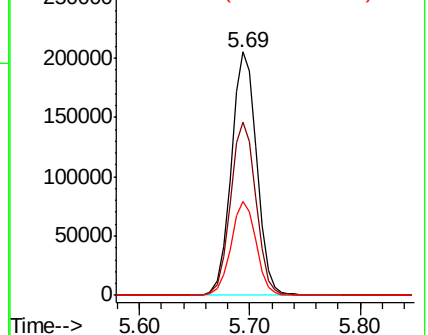
63 38.4 29.8 44.6



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

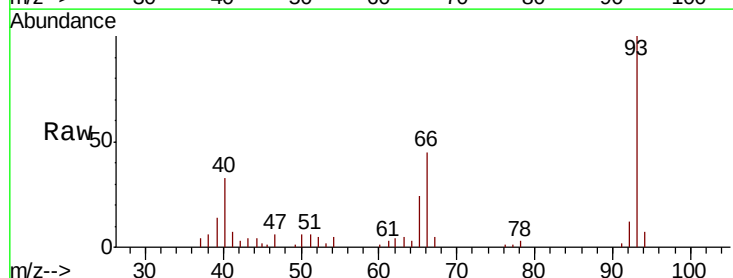
Tgt Ion: 93 Resp: 35009

Ion Ratio Lower Upper

93 100

66 45.0 34.2 51.4

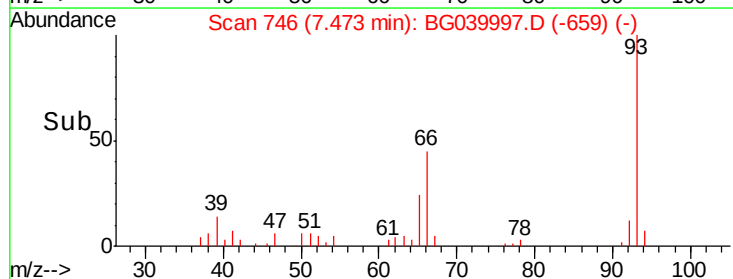
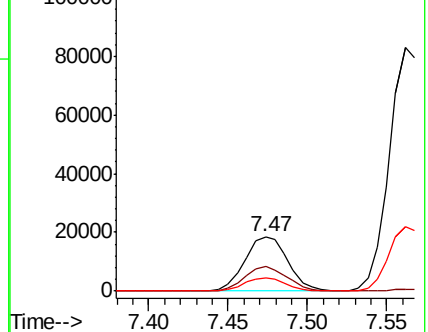
65 24.5 17.7 26.5

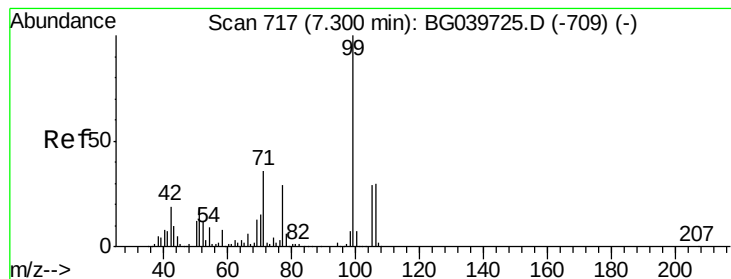


Abundance Ion 93.00 (92.70 to 93.70): BGC

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 :

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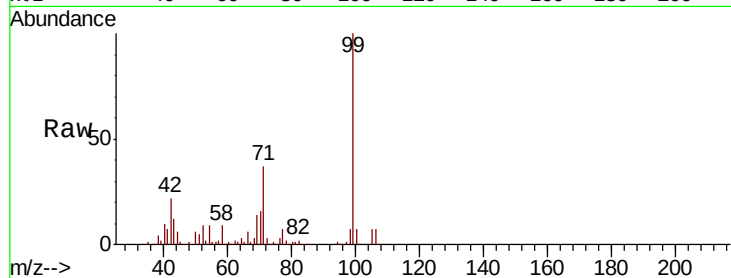
Tot Ion: 99 Resp: 433532

Ion Ratio Lower Upper

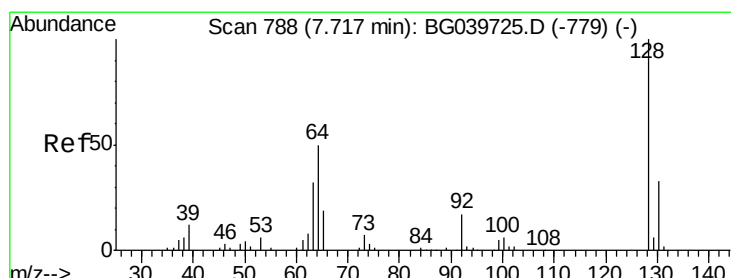
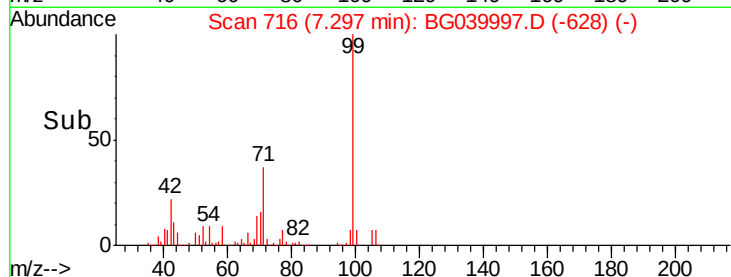
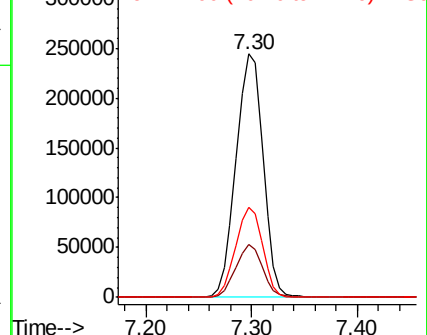
99 100

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

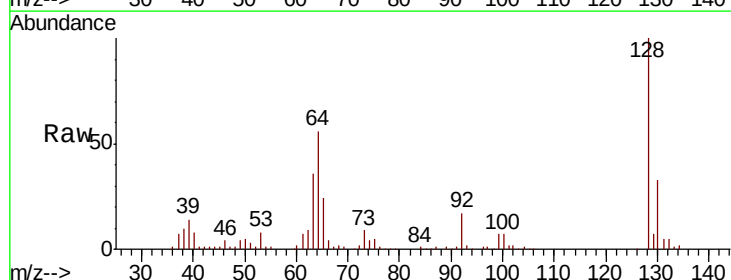
Tgt Ion: 128 Resp: 129649

Ion Ratio Lower Upper

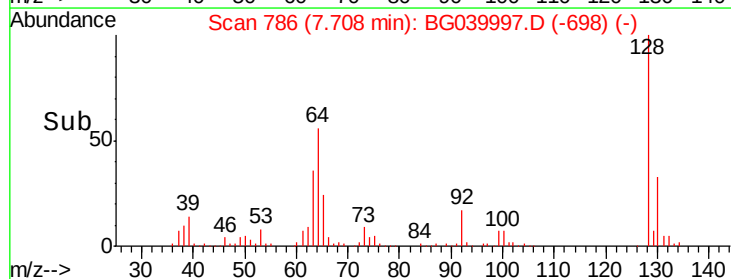
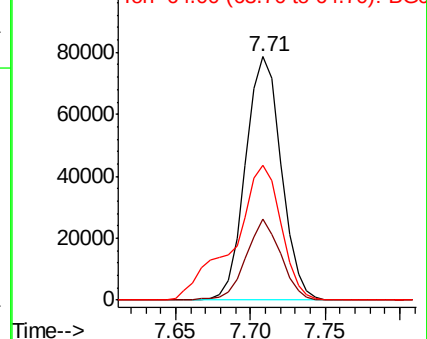
128 100

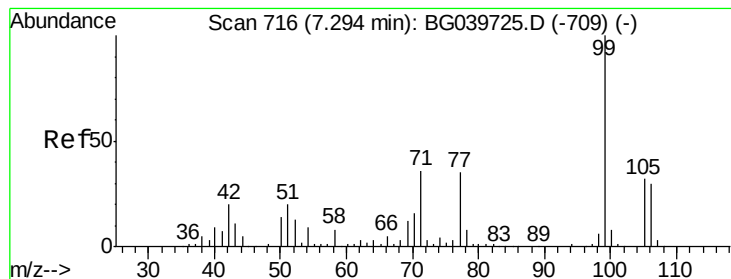
130 33.1 12.9 52.9

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 :

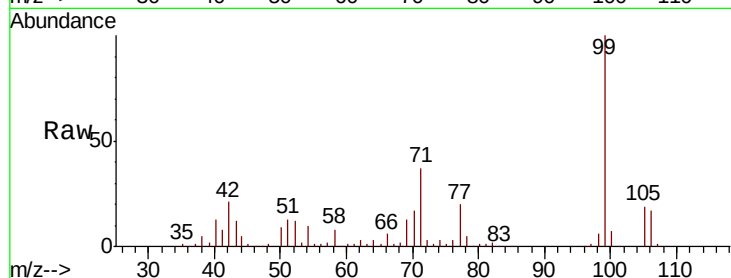
Tot Ion: 77 Resp: 50852

Ion Ratio Lower Upper

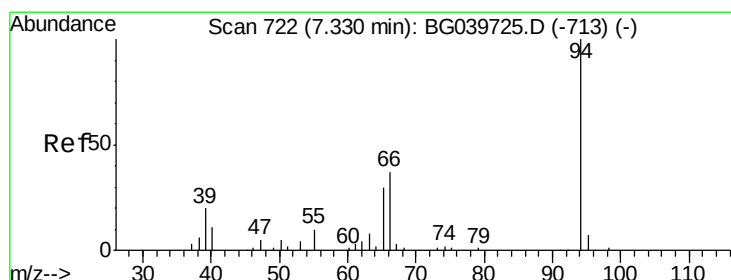
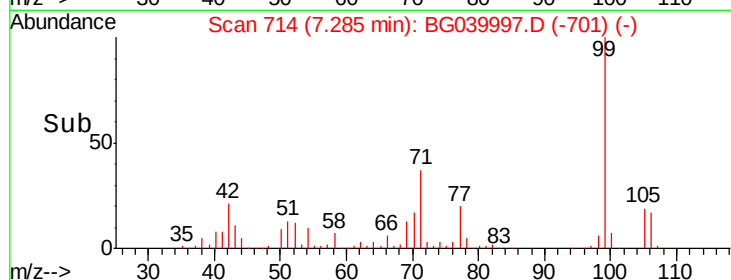
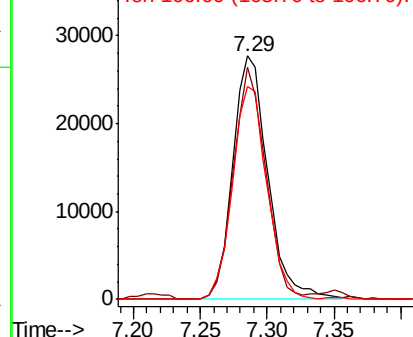
77 100

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

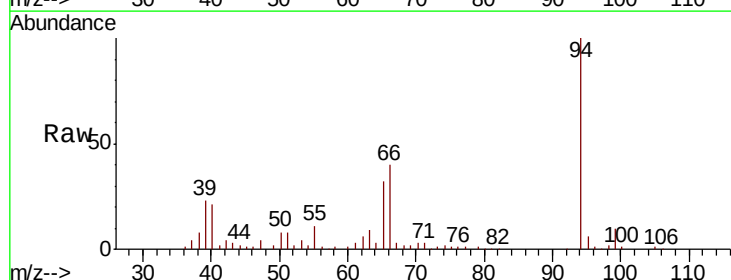
Tgt Ion: 94 Resp: 150332

Ion Ratio Lower Upper

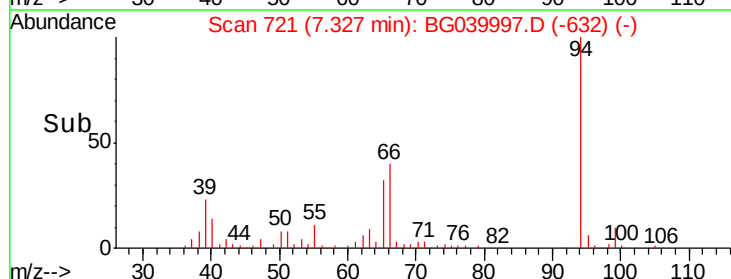
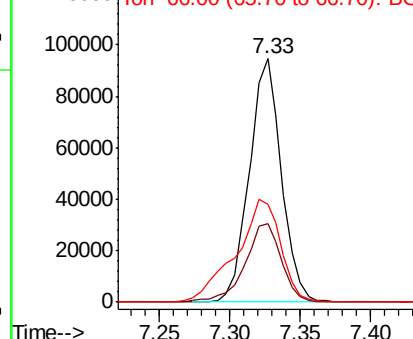
94 100

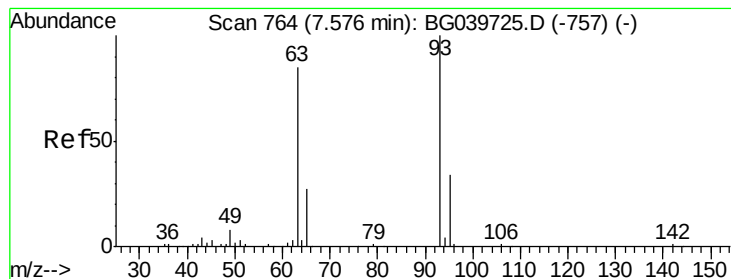
65 32.4 11.7 51.7

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

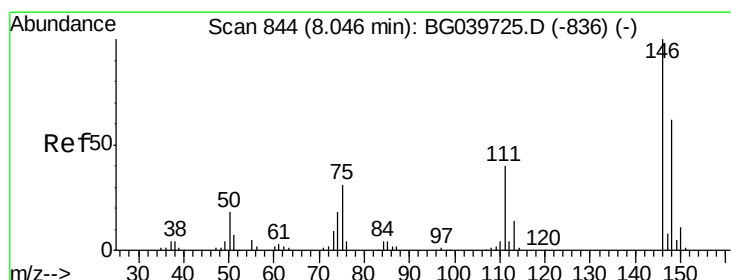
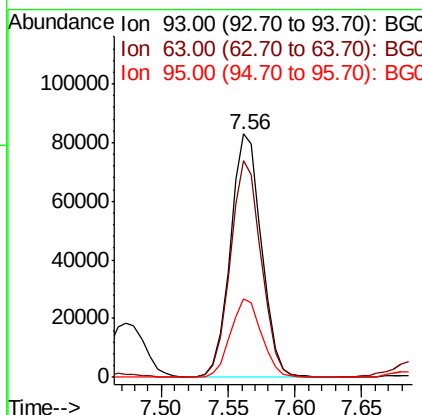
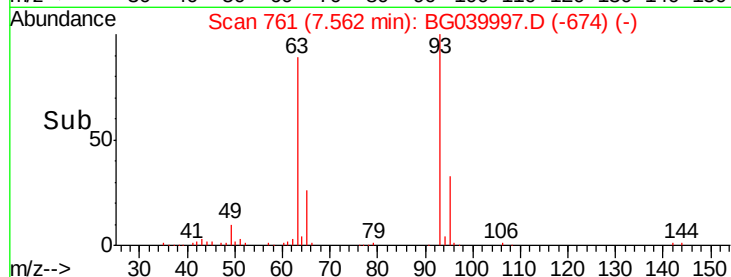
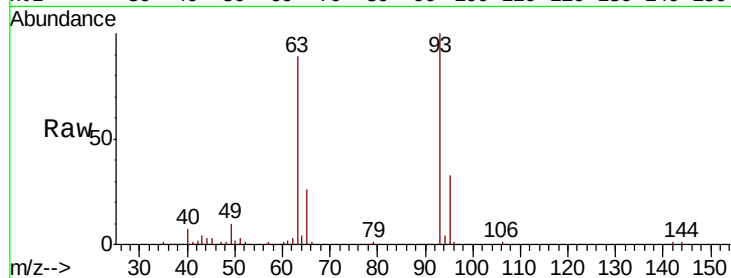




#11
 bis(2-Chloroethyl)ether
 Concen: 42.075 ng
 RT: 7.56 min Scan# 761
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

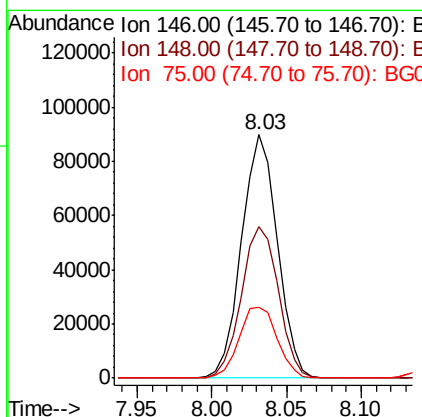
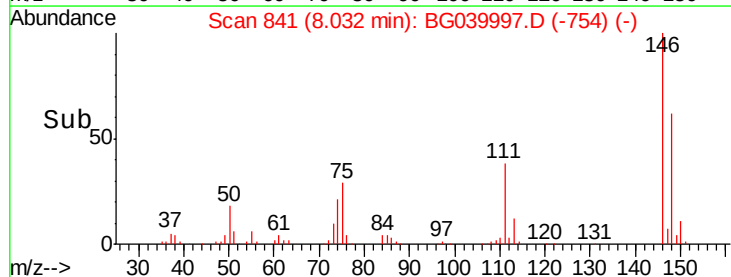
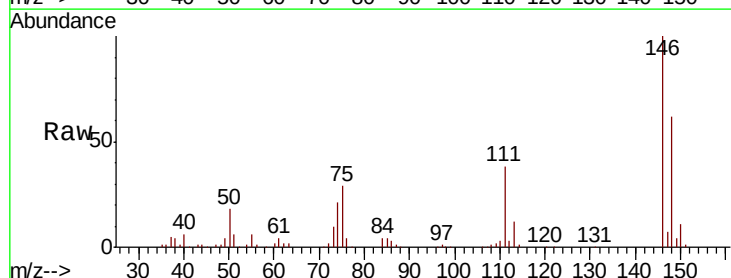
Instrument :
 BNA_G
 ClientSampleId :

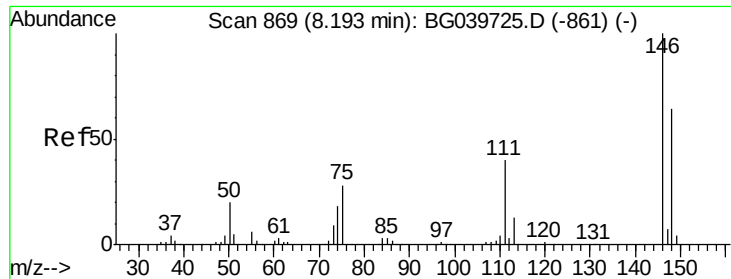
Tot Ion: 93 Resp: 134203
 Ion Ratio Lower Upper
 93 100
 63 89.2 69.5 109.5
 95 32.5 12.7 52.7



#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

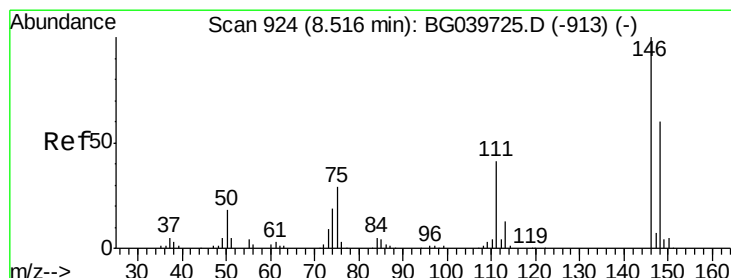
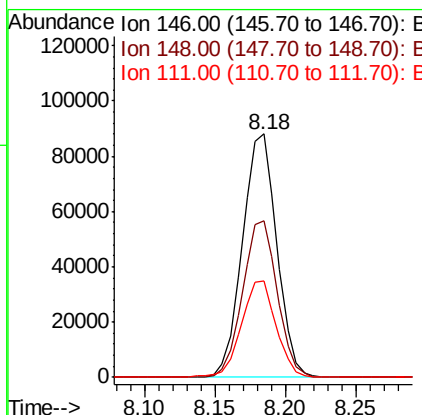
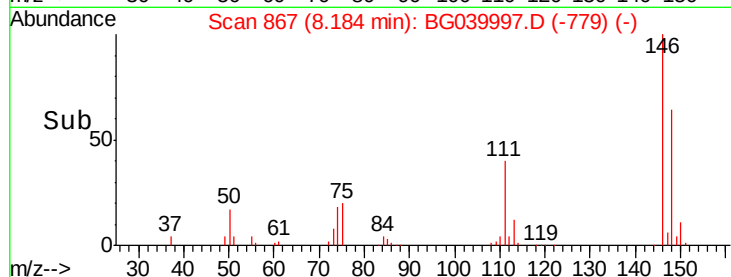
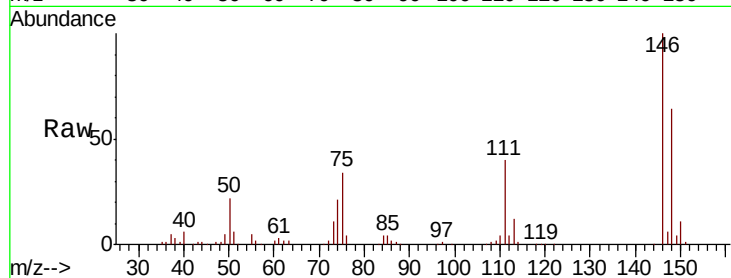




#13
 1,4-Dichlorobenzene
 Concen: 42.347 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

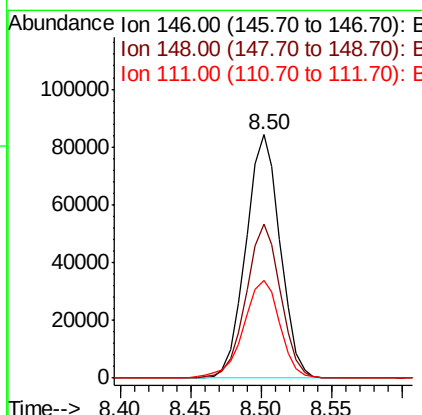
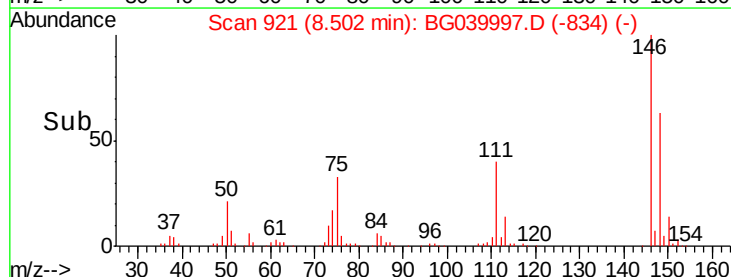
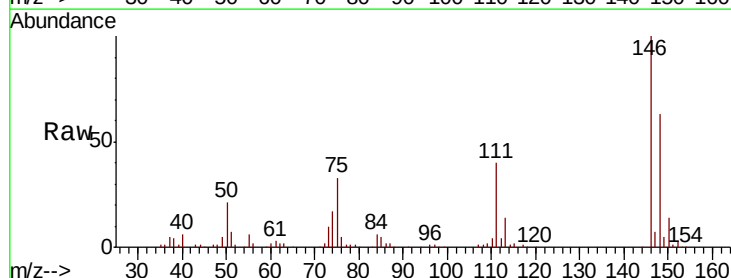
Instrument :
 BNA_G
 ClientSampleId :

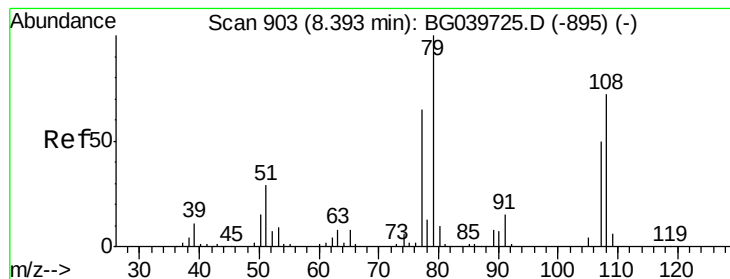
Tot Ion:146 Resp: 149892
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.1 76.7
 111 39.6 32.6 48.8



#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





#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 :

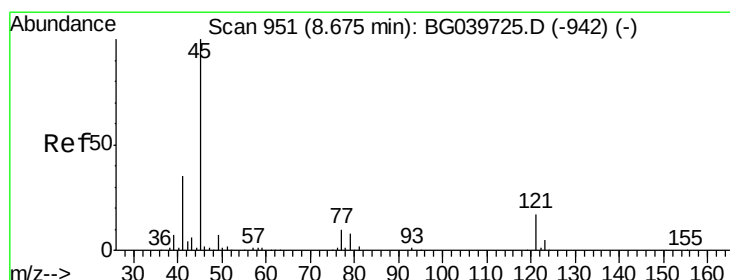
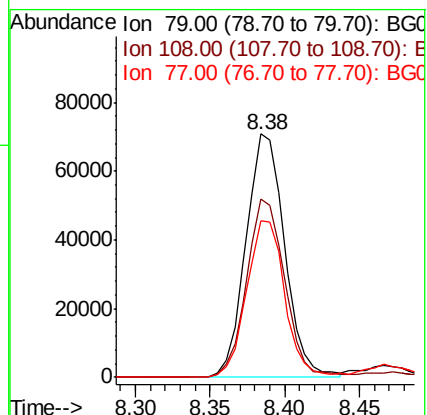
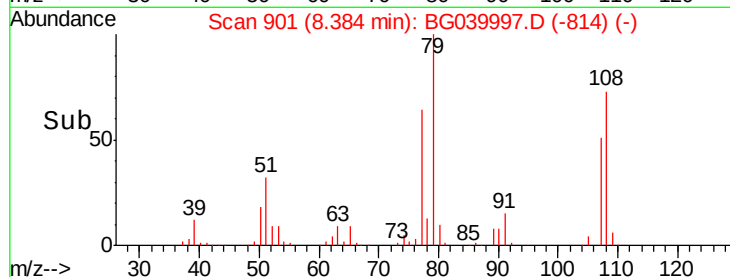
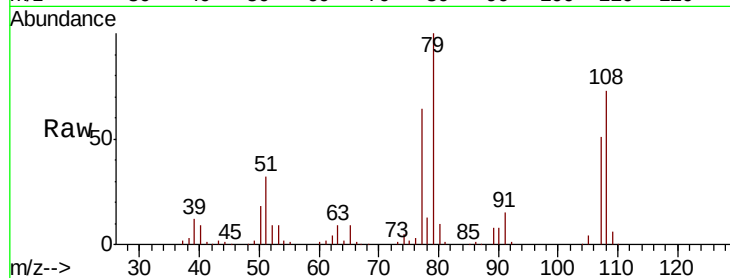
Tot Ion: 79 Resp: 126734

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

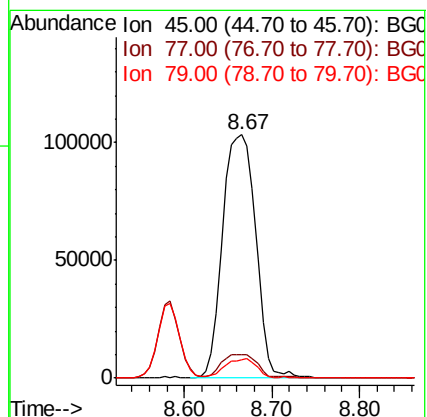
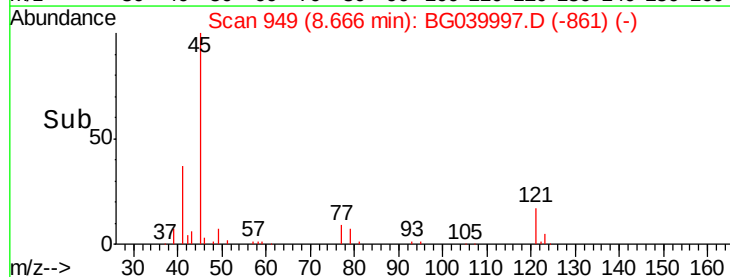
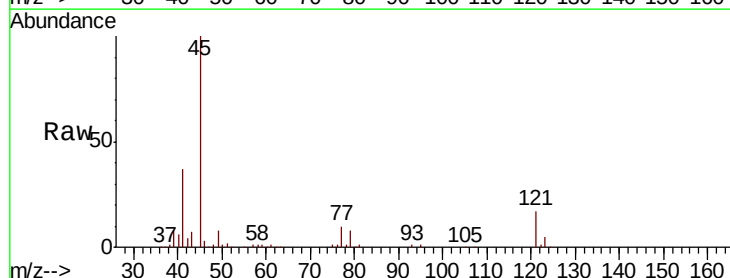
Tgt Ion: 45 Resp: 268320

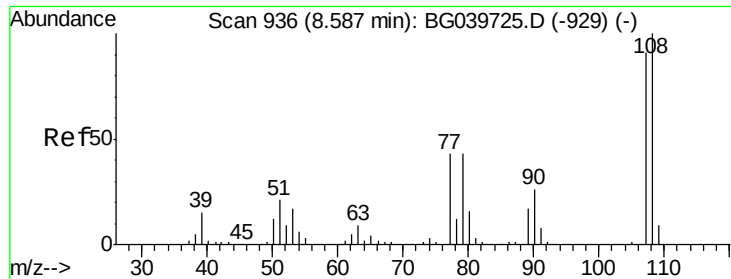
Ion Ratio Lower Upper

45 100

77 9.7 0.0 30.0

79 7.8 0.0 27.5

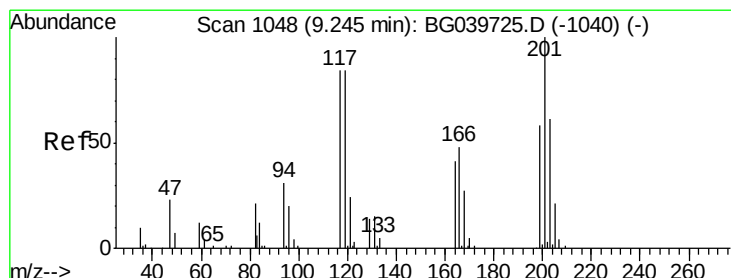
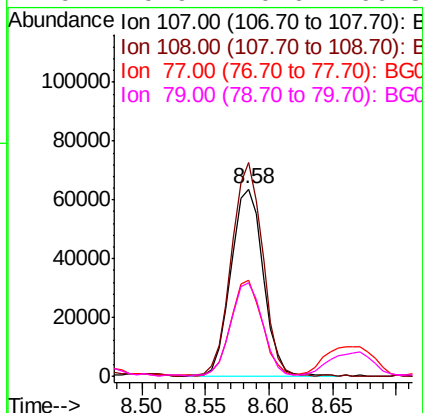
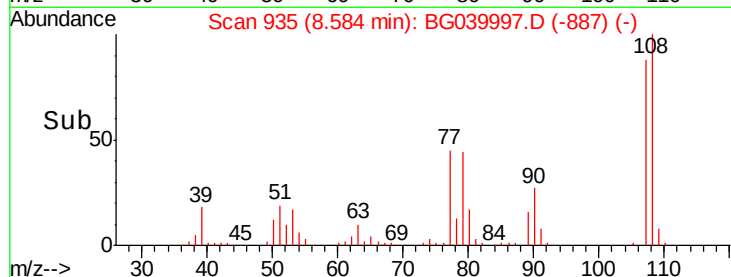
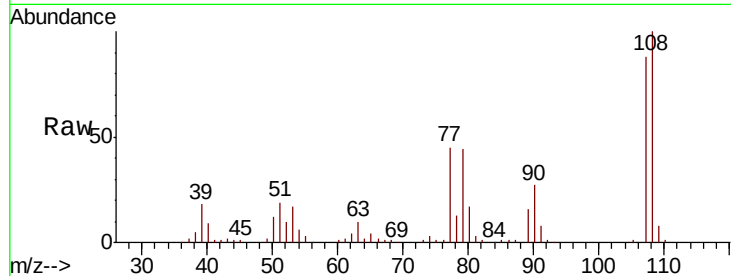




#17
2-Methylphenol
Concen: 43.072 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

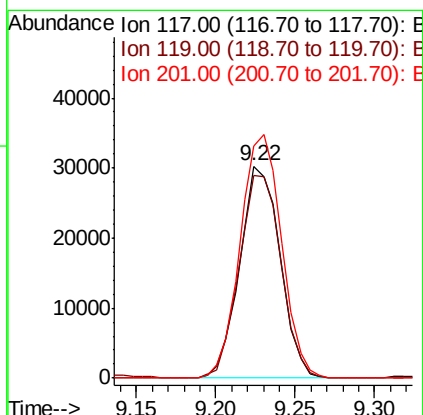
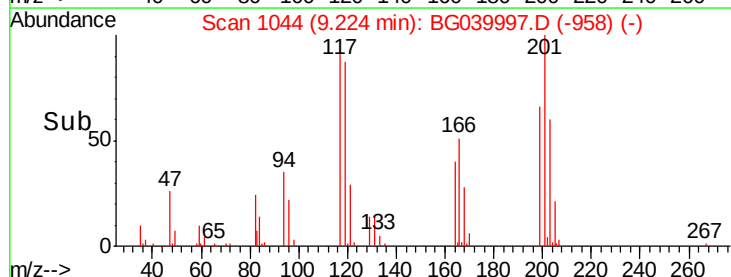
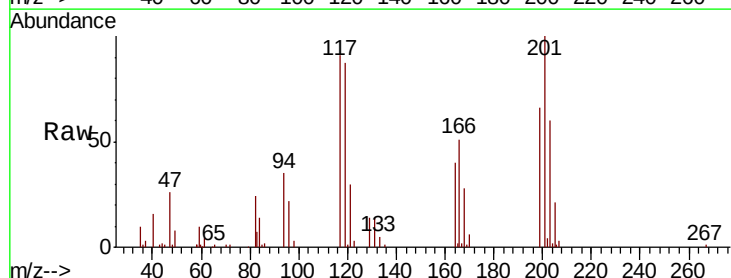
Instrument :
BNA_G
ClientSampled :

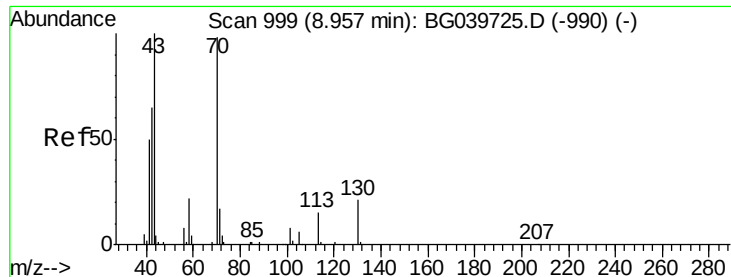
Tot Ion:107 Resp: 112354
Ion Ratio Lower Upper
107 100
108 114.0 90.8 136.2
77 51.1 40.7 61.1
79 49.9 40.6 60.8



#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:117 Resp: 53612
Ion Ratio Lower Upper
117 100
119 95.4 76.3 114.5
201 109.3 91.1 136.7

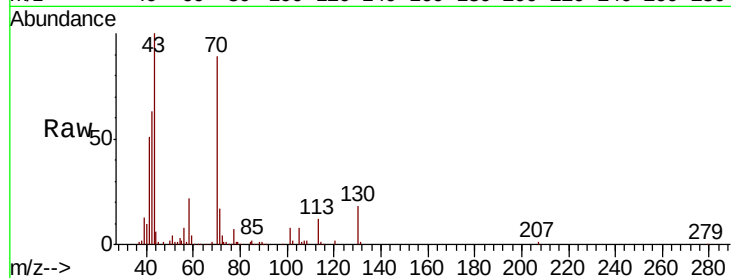




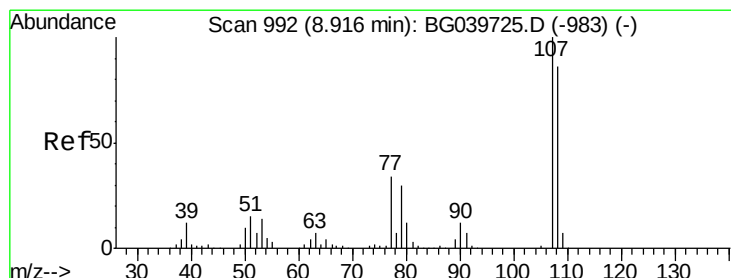
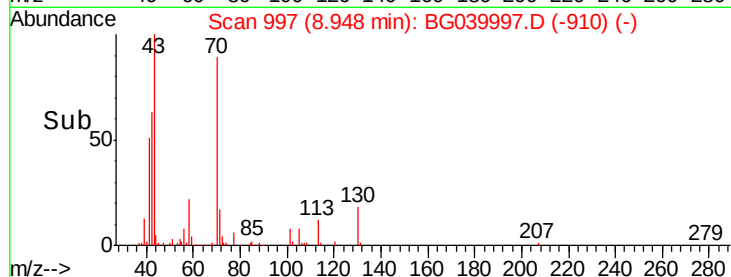
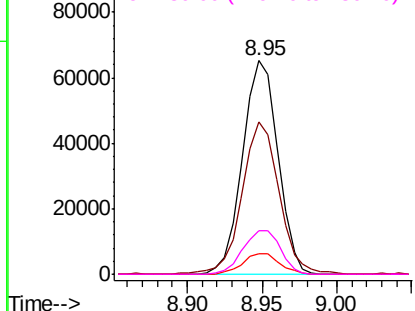
#19
n-Nitroso-di-n-propylamine
Concen: 39.489 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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

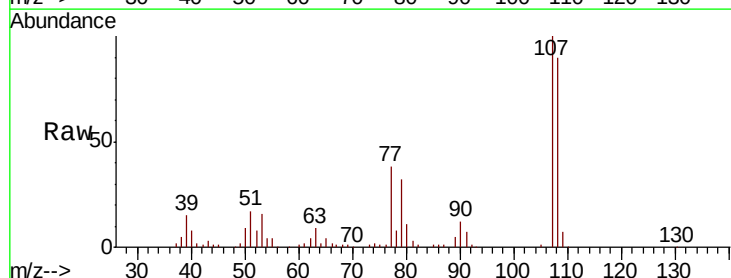


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

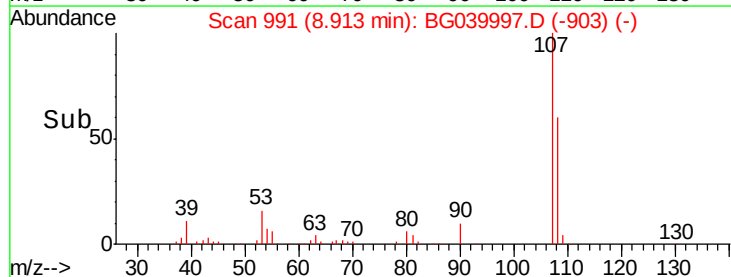
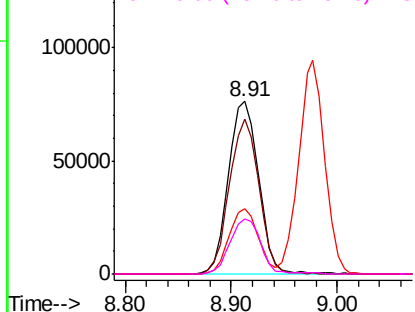


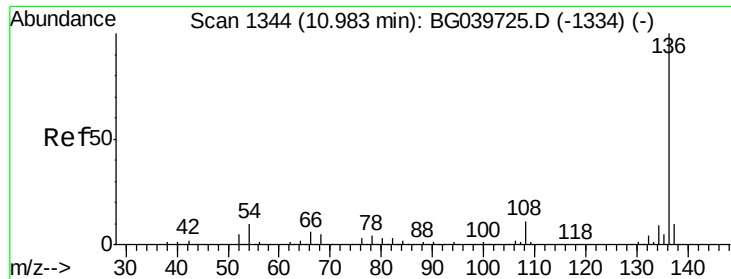
#20
3+4-Methylphenols
Concen: 41.760 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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

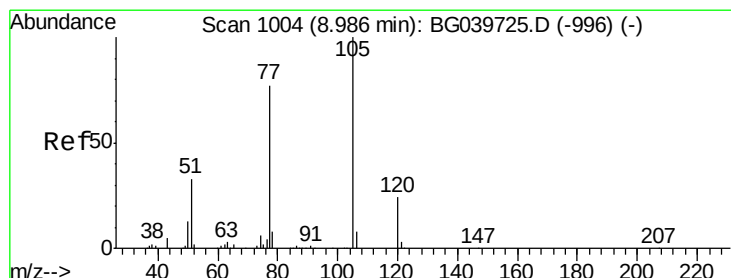
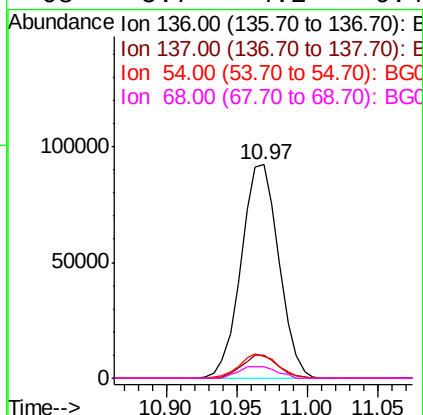
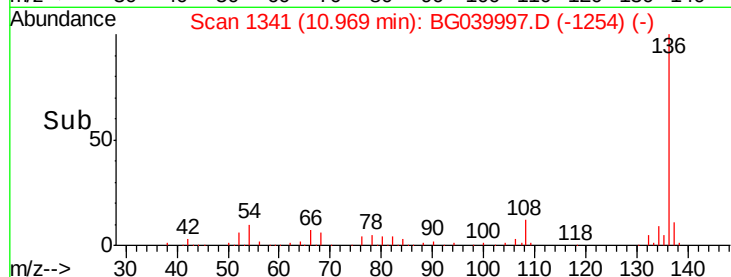
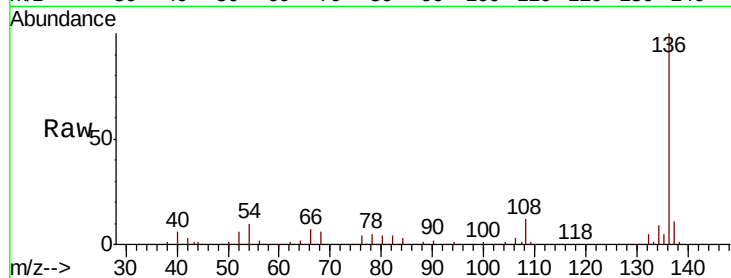




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

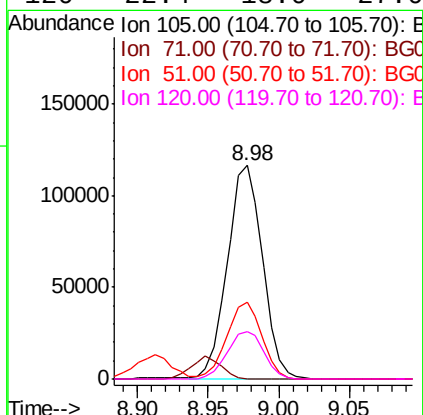
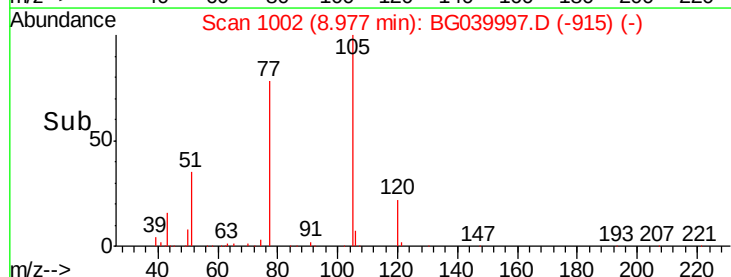
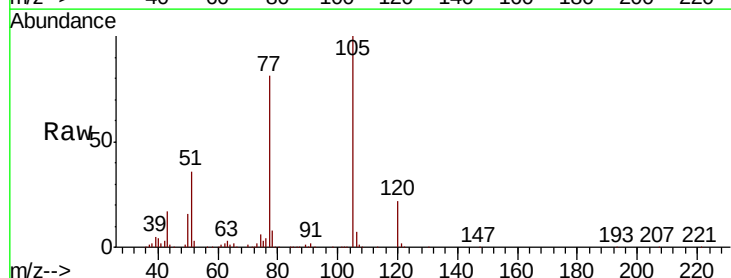
Instrument :
BNA_G
ClientSampleId :

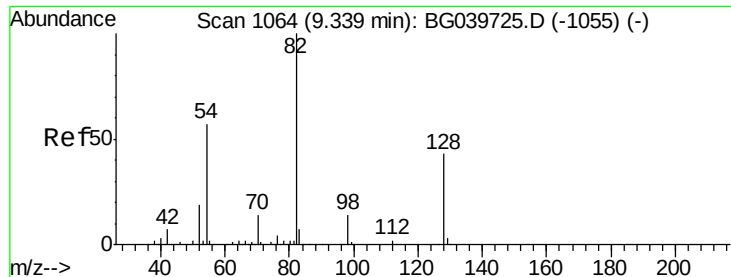
Tot Ion:136	Resp:	172275
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.1 13.7
54	10.1	9.4 14.2
68	5.7	4.2 6.4



#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

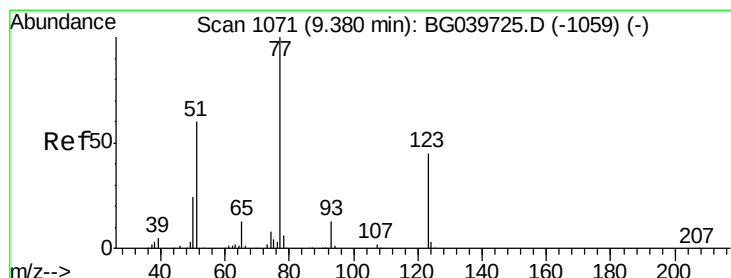
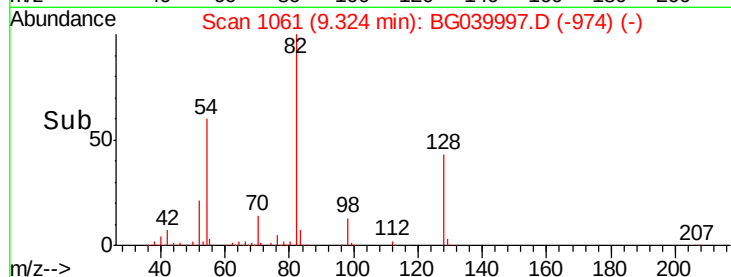
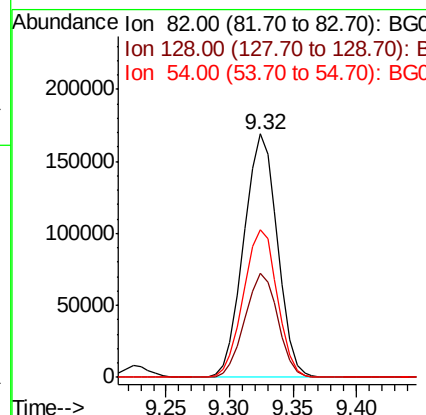
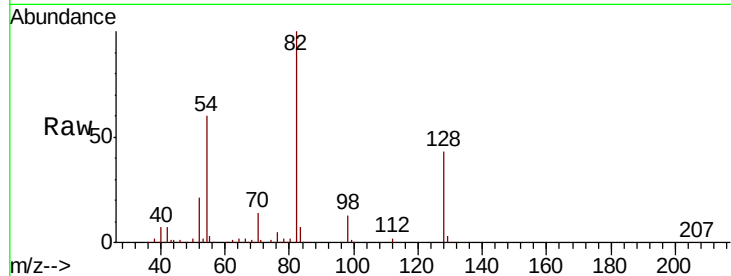




#23
 Nitrobenzene-d5
 Concen: 97.728 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

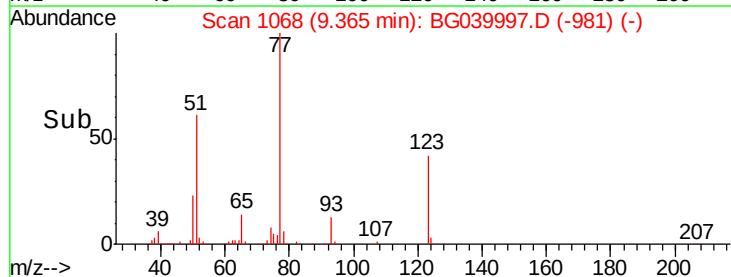
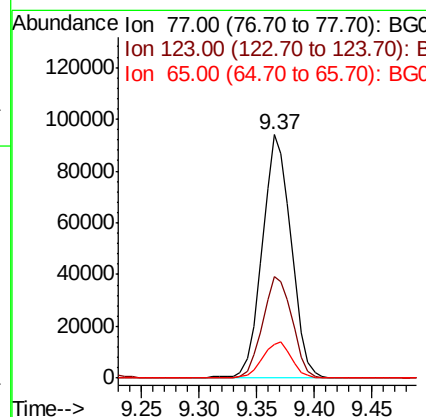
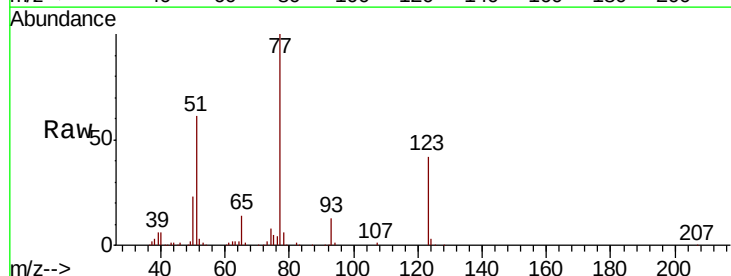
Instrument :
 BNA_G
 ClientSampled :

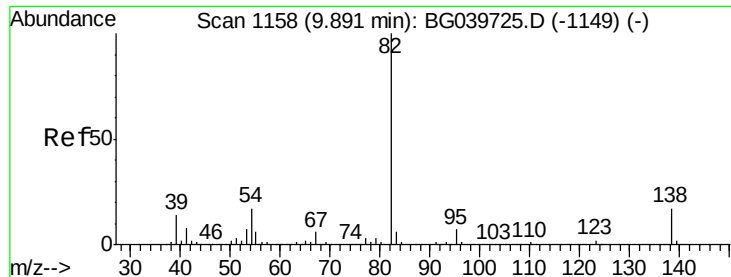
Tot Ion	82	Resp	311296
Ion Ratio	Lower	Upper	
82	100		
128	42.6	31.3	46.9
54	60.5	50.9	76.3



#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 :

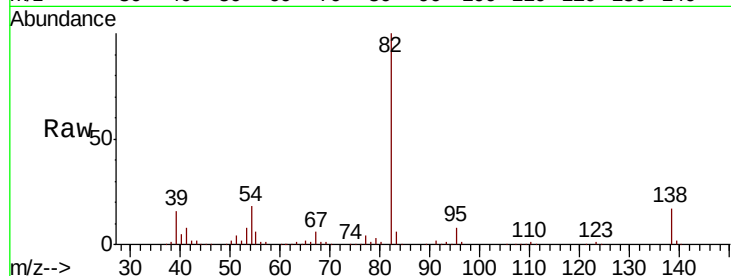
Tot Ion: 82 Resp: 301875

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) (-)

9.88

200000

150000

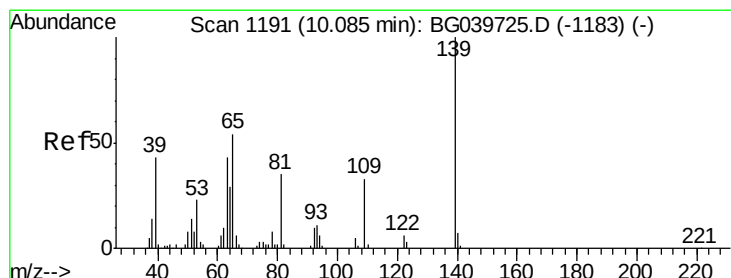
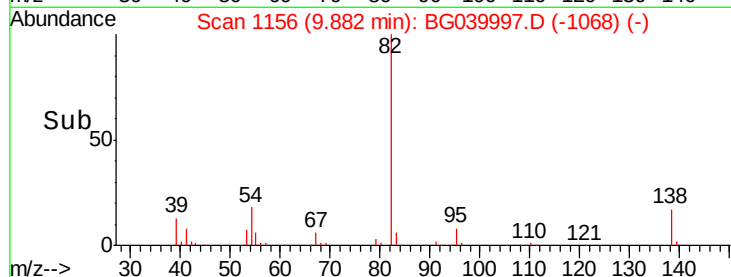
100000

50000

0

9.80 9.90 10.00

Time-->



#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

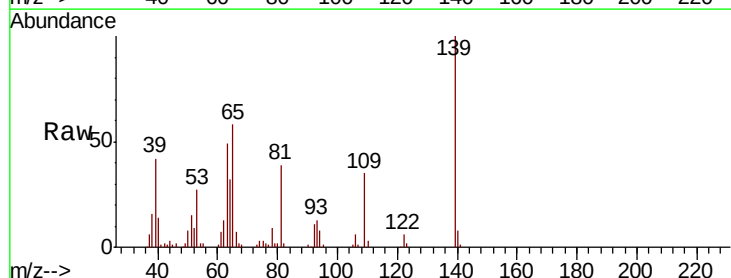
Tgt Ion: 139 Resp: 77749

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) (-)

10.08

60000

50000

40000

30000

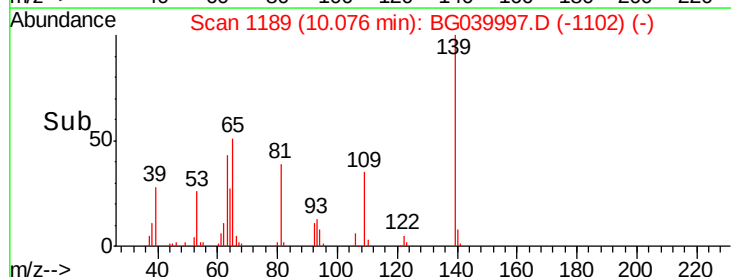
20000

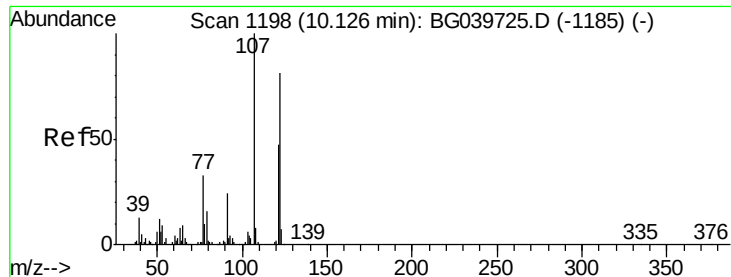
10000

0

10.00 10.10

Time-->

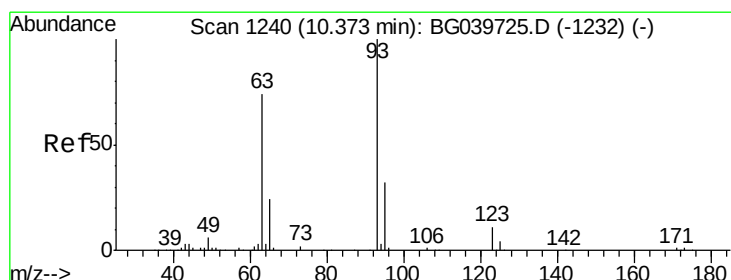
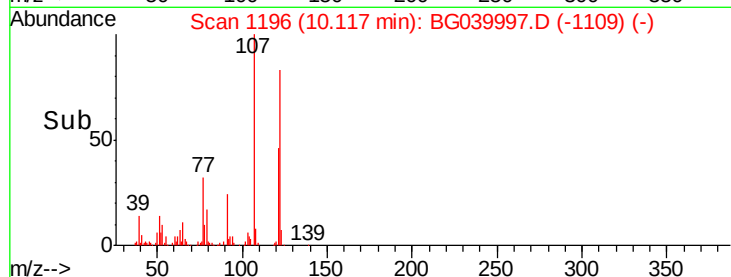
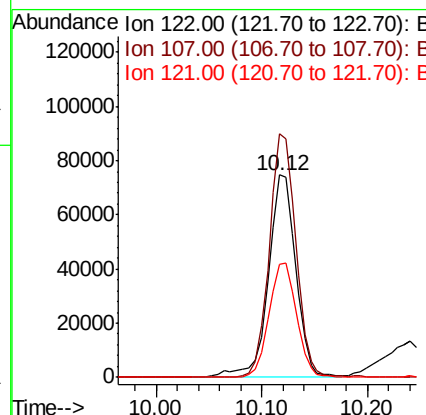
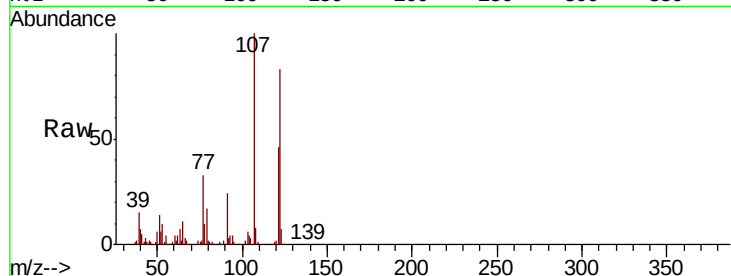




#27
2,4-Dimethylphenol
Concen: 53.868 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

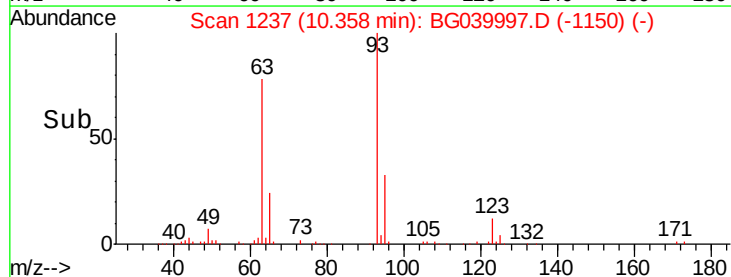
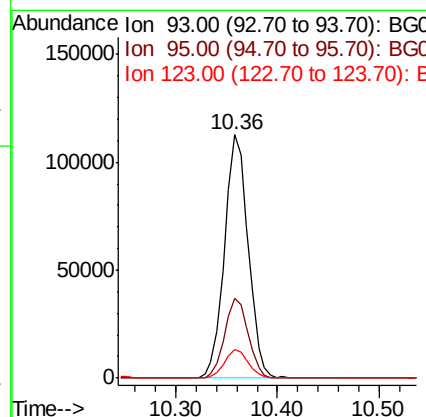
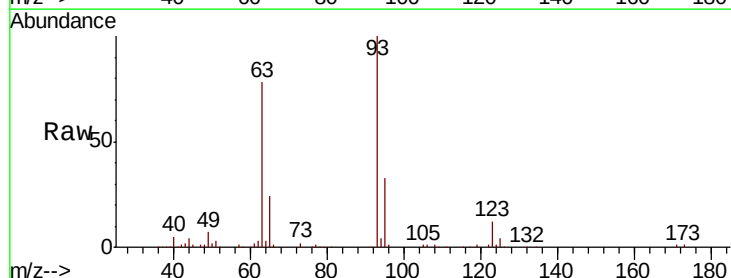
Instrument :
BNA_G
ClientSampleId :

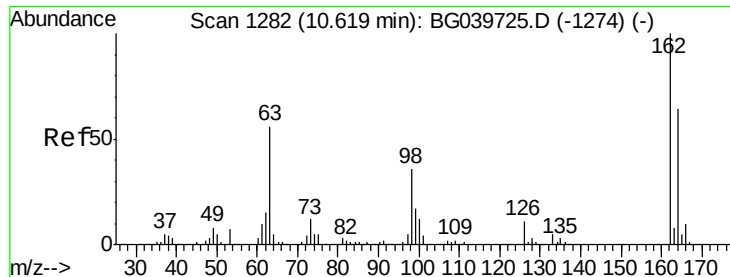
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.2	91.7	137.5
121	55.9	46.4	69.6



#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

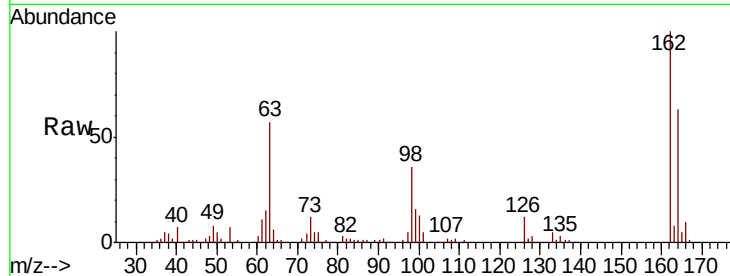




#29
 2,4-Dichlorophenol
 Concen: 50.625 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

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

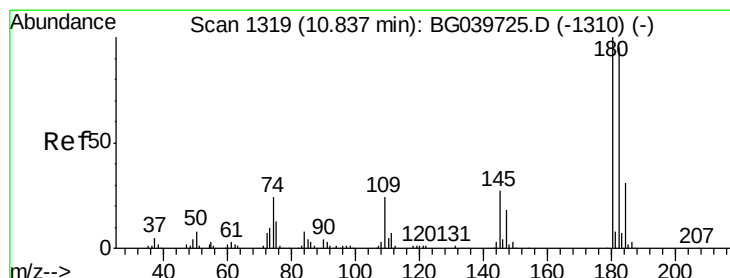
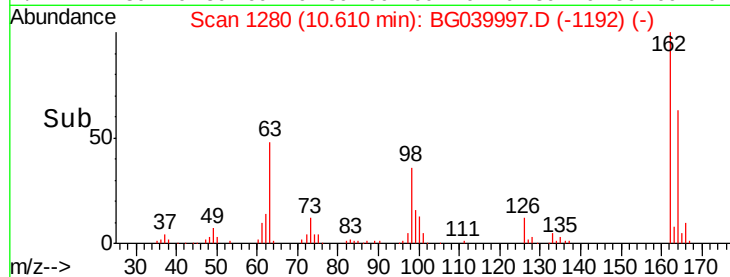
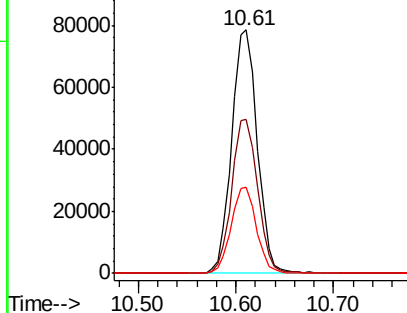


Abundance

Ion 162.00 (161.70 to 162.70): E

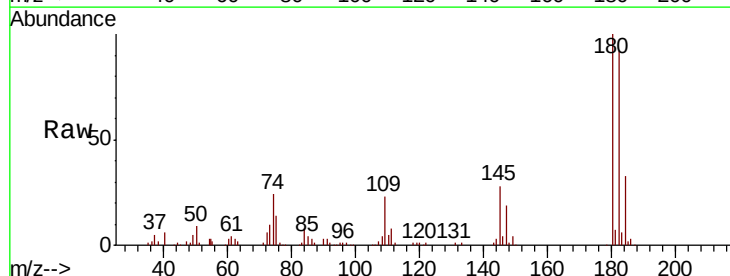
Ion 164.00 (163.70 to 164.70): E

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

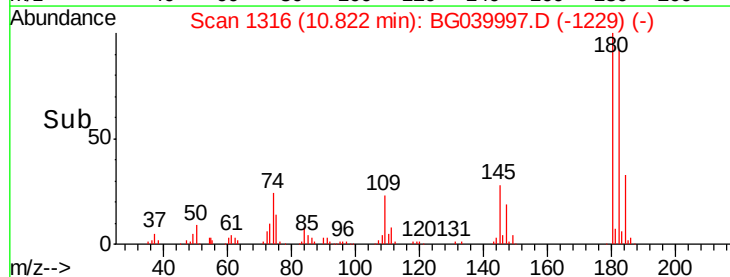
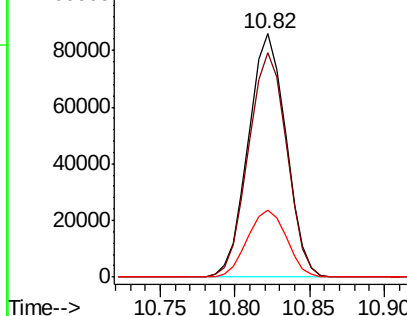


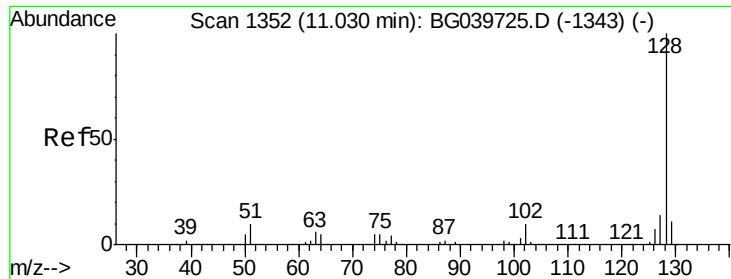
Abundance

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

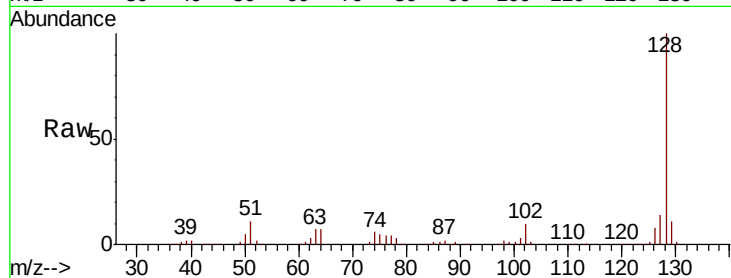




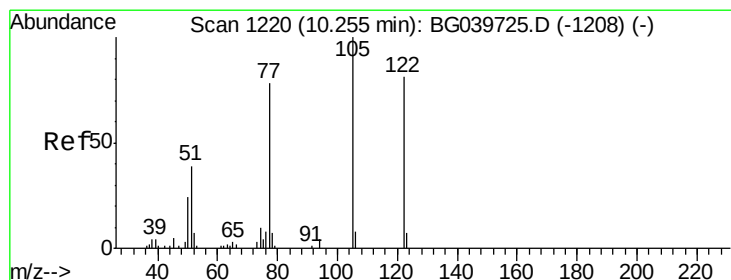
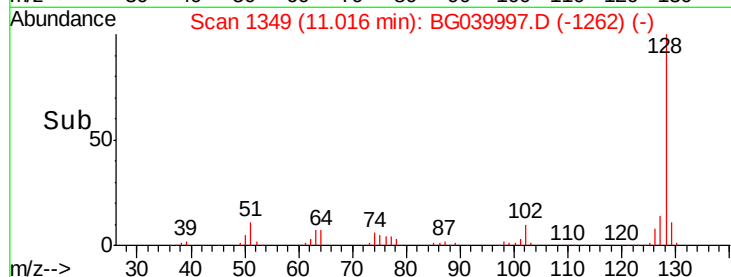
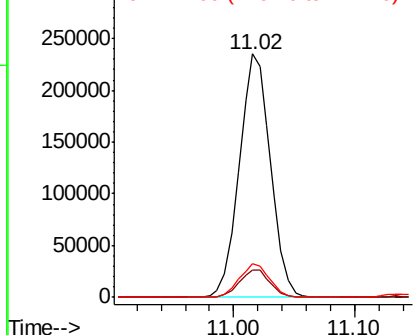
#31
Naphthalene
Concen: 46.153 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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

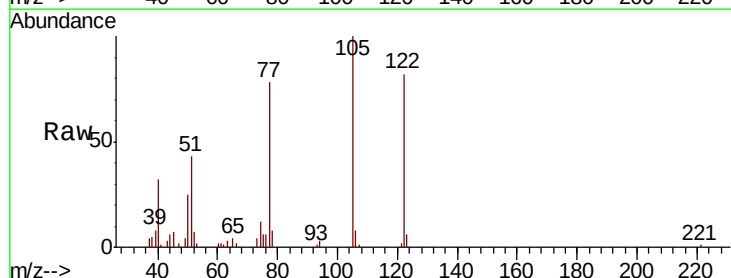


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

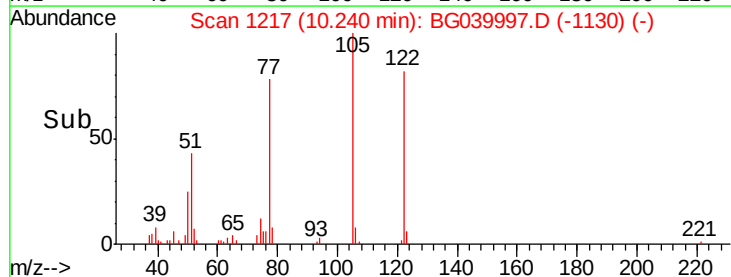
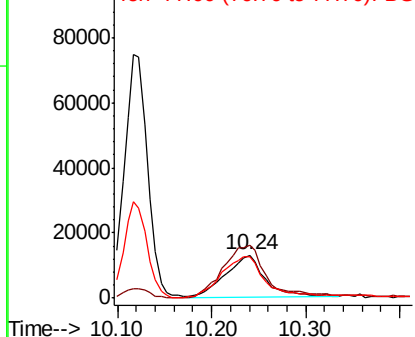


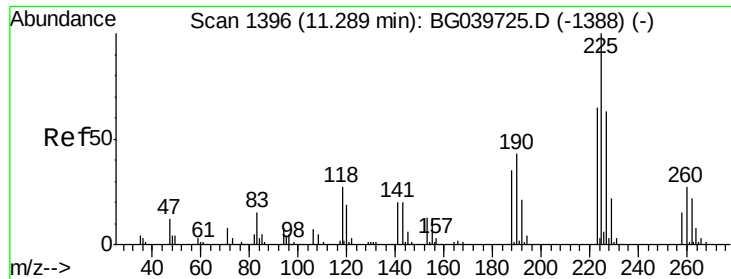
#32
Benzoic acid
Concen: 25.253 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

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

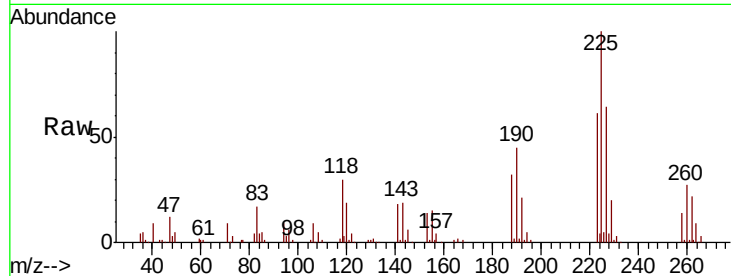




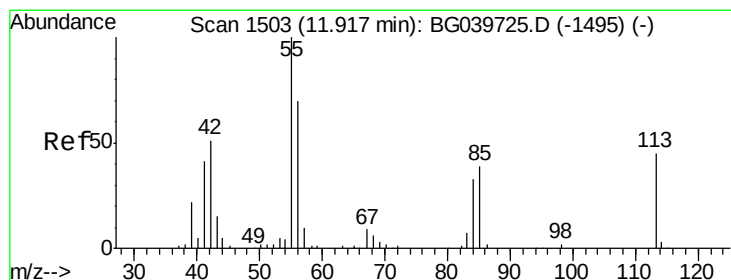
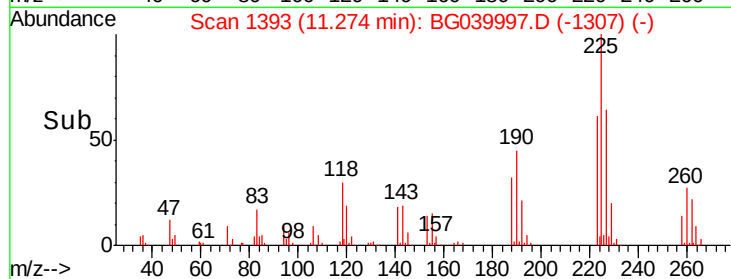
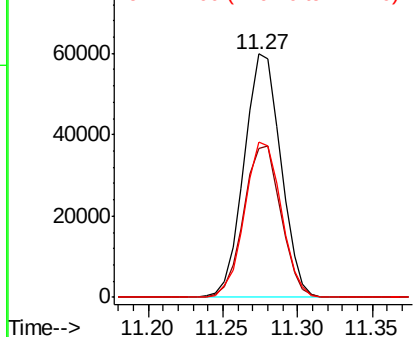
#34
Hexachlorobutadiene
Concen: 46.929 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

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

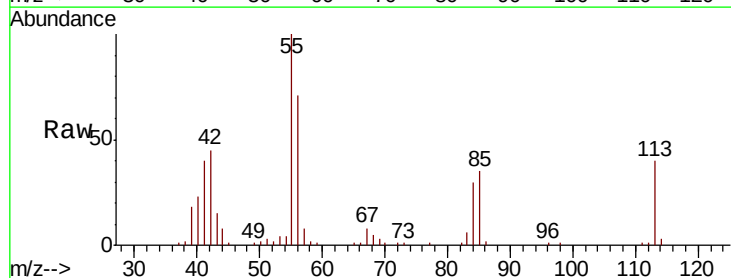


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

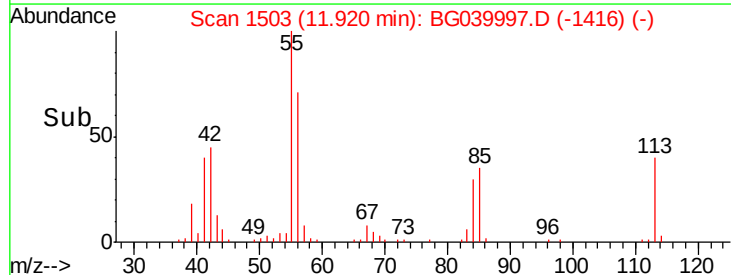
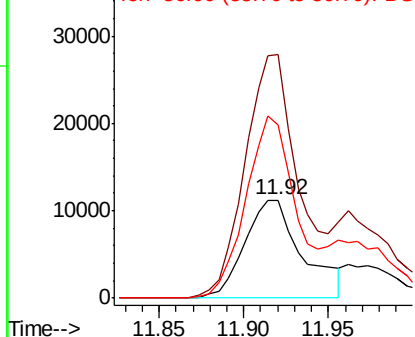


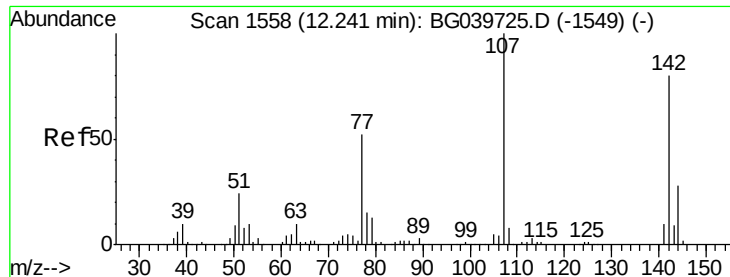
#35
Caprolactam
Concen: 24.536 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt 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): BGC
Ion 56.00 (55.70 to 56.70): BGC

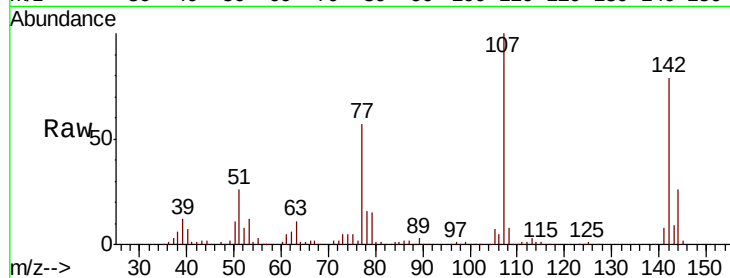




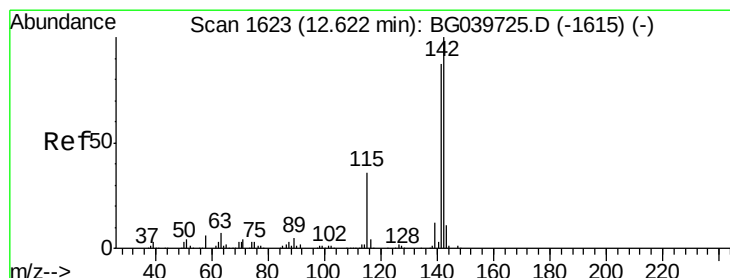
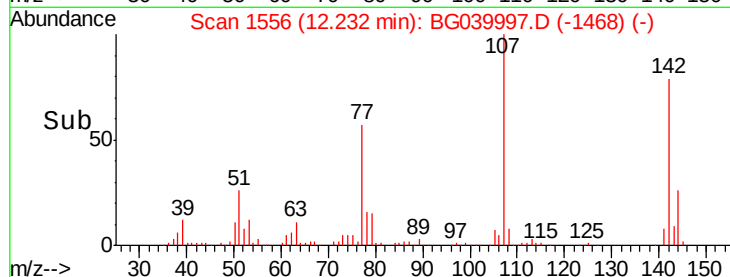
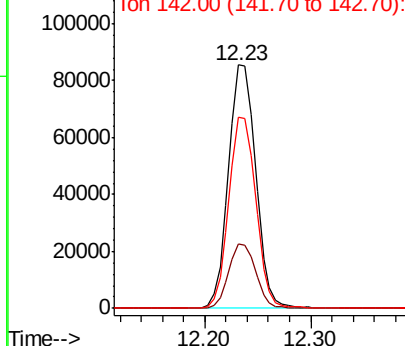
#36
 4-Chloro-3-methylphenol
 Concen: 47.289 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

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

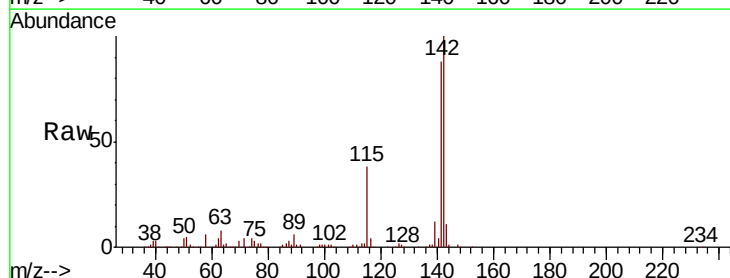


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

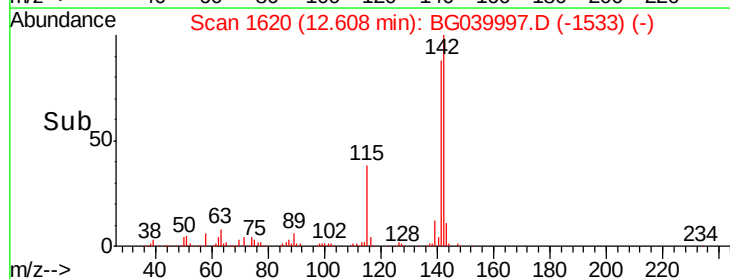
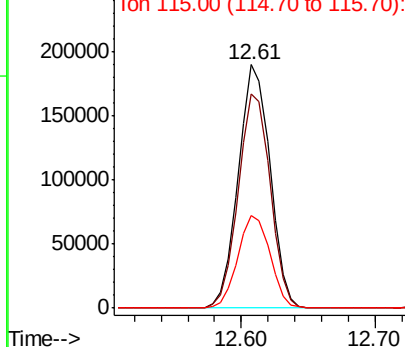


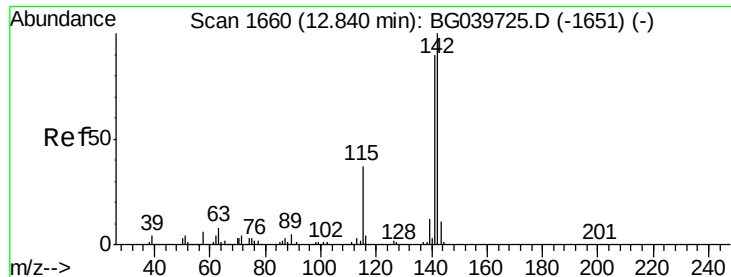
#37
 2-Methylnaphthalene
 Concen: 45.778 ng
 RT: 12.61 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion:142 Resp: 312177
 Ion Ratio Lower Upper
 142 100
 141 87.9 73.5 110.3
 115 38.1 30.8 46.2



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





#38

1-Methylnaphthalene

Concen: 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

Instrument :

BNA_G

ClientSampled :

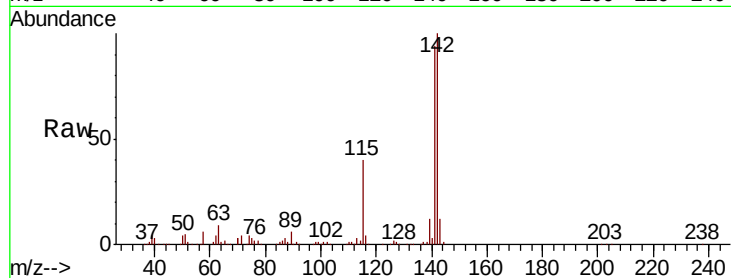
Tot Ion:142 Resp: 297030

Ion Ratio Lower Upper

142 100

141 93.7 74.2 111.4

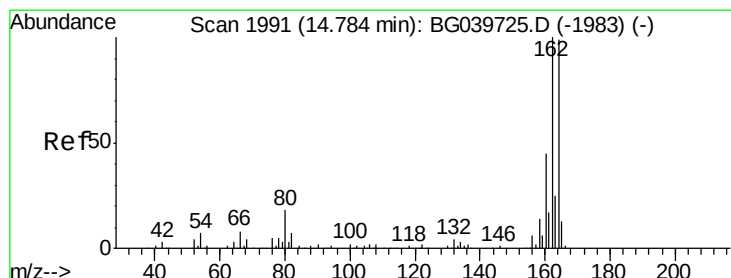
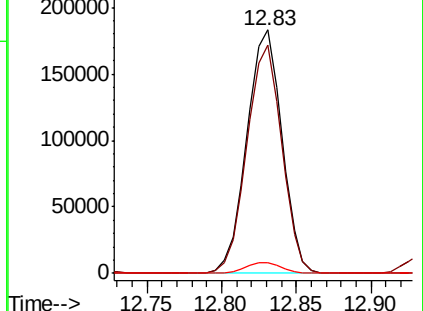
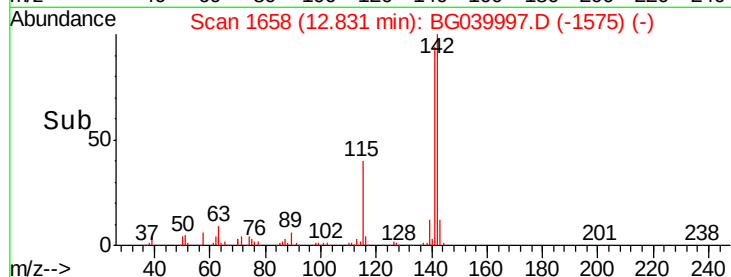
116 4.2 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

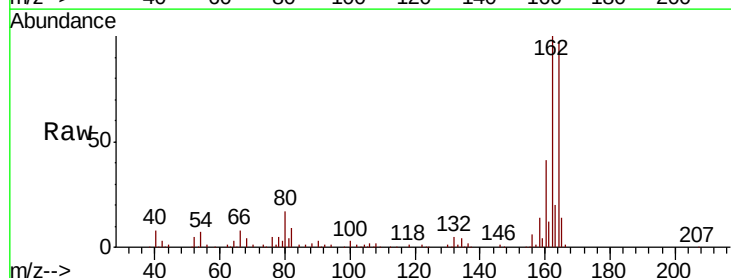
Tgt Ion:164 Resp: 110523

Ion Ratio Lower Upper

164 100

162 102.7 81.6 122.4

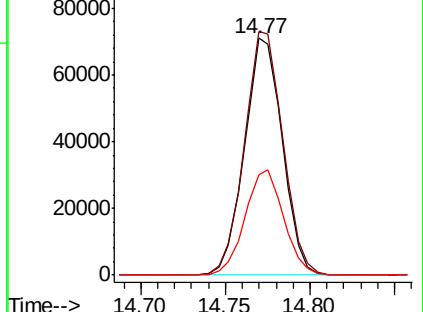
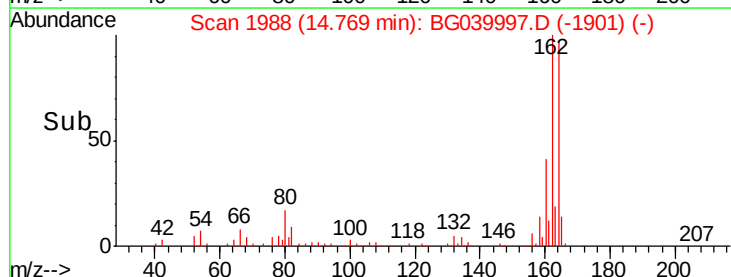
160 42.3 34.2 51.2

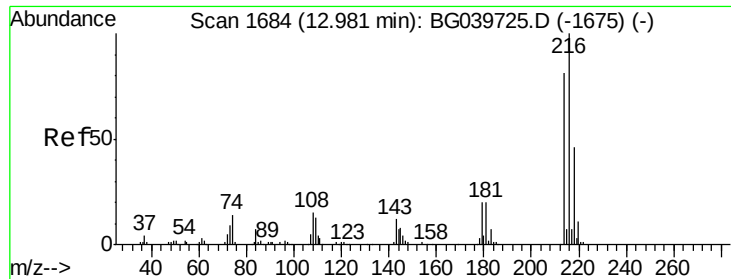


Abundance Ion 164.00 (163.70 to 164.70): E

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

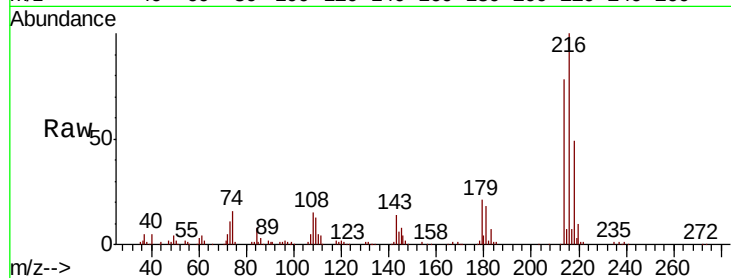
Instrument :

BNA_G

ClientSampleId :

Tot 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

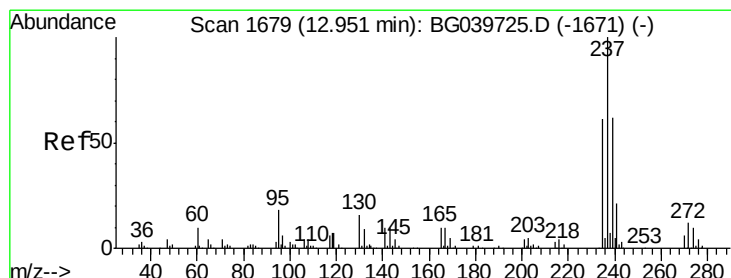
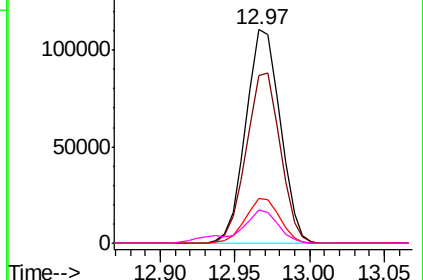
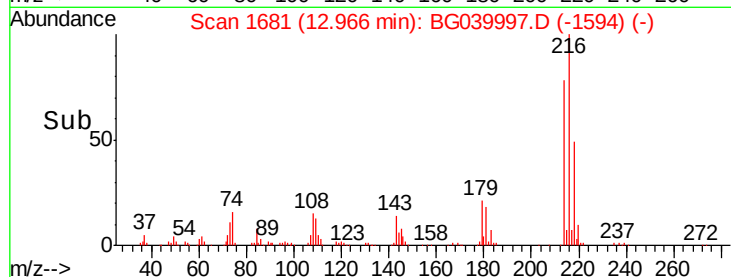


Abundance Ion 216.00 (215.70 to 216.70): E

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

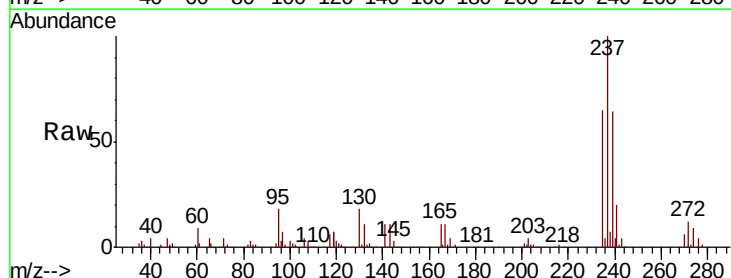
Delta R.T. -0.02 min

Lab File: BG039997.D

Acq: 19 Mar 2019 9:04

Tgt Ion:237 Resp: 211150

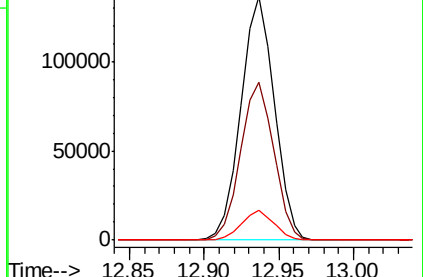
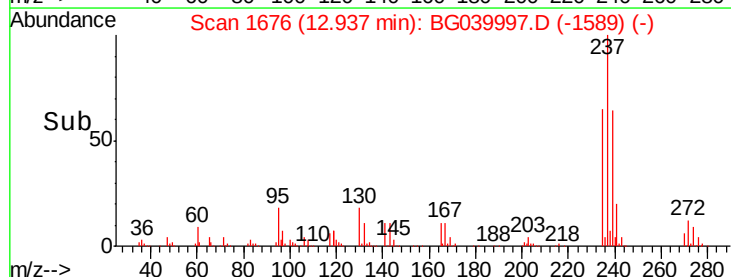
Ion	Ratio	Lower	Upper
237	100		
235	65.0	43.3	83.3
272	12.0	0.0	32.3

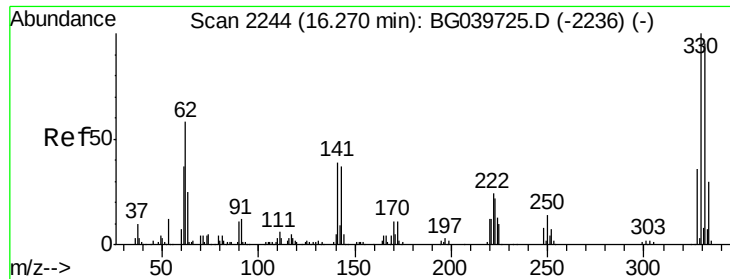


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

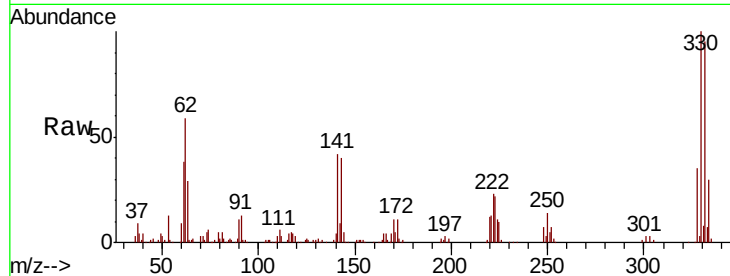




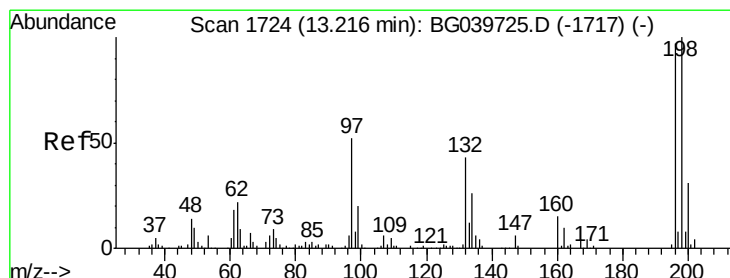
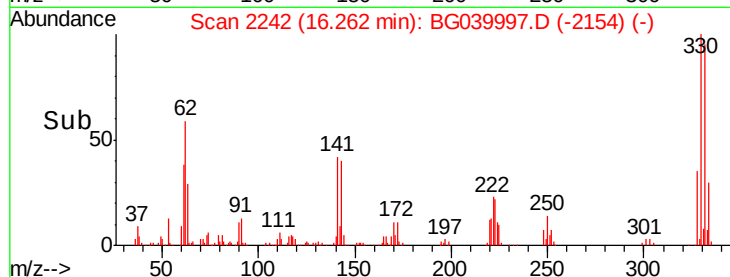
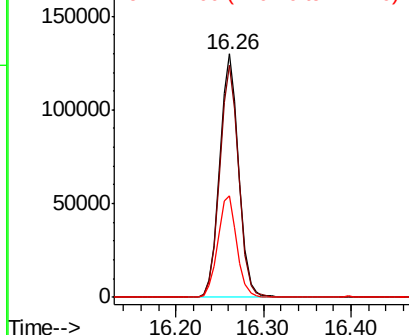
#42
 2,4,6-Tribromophenol
 Concen: 150.506 ng
 RT: 16.26 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.7	113.5
141	41.9	35.6	53.4

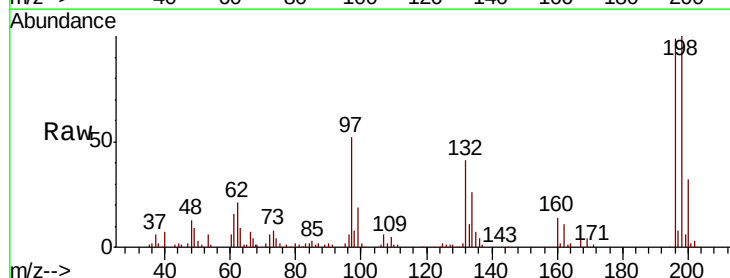


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

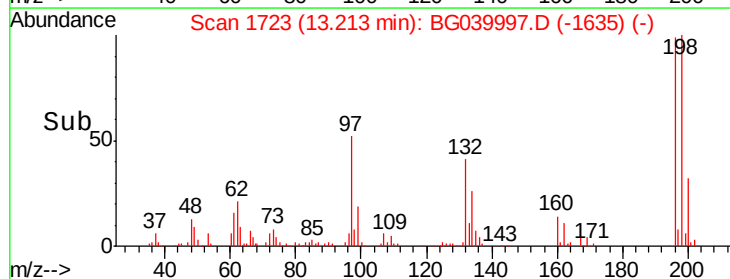
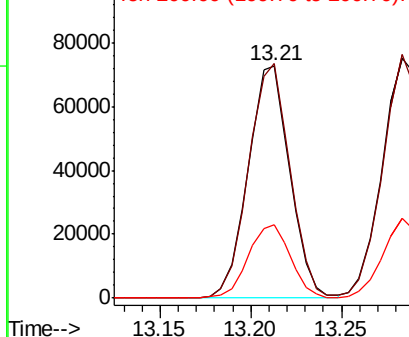


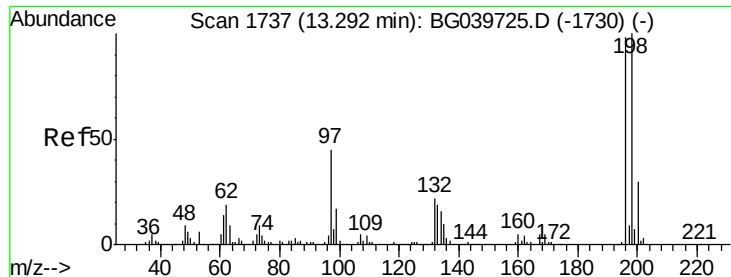
#43
 2,4,6-Trichlorophenol
 Concen: 53.171 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.0	80.6	121.0
200	31.8	26.1	39.1



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

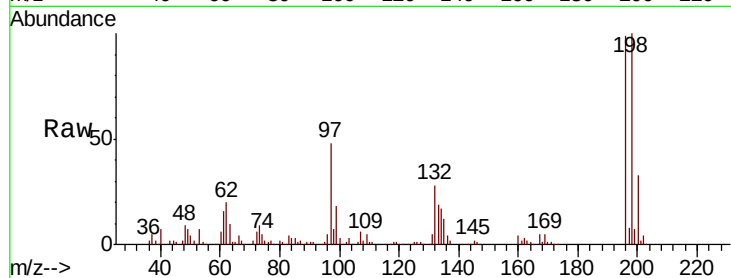




#44
2,4,5-Trichlorophenol
Concen: 50.640 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot 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



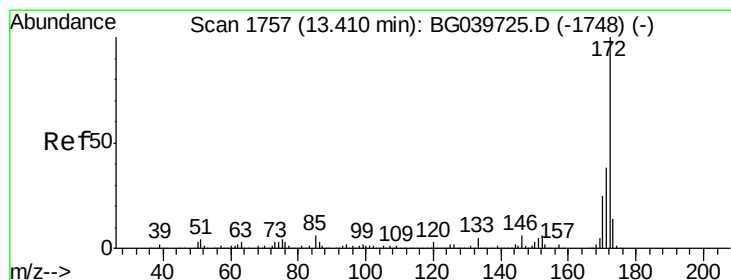
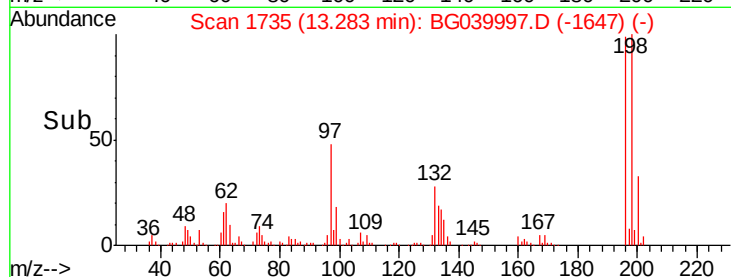
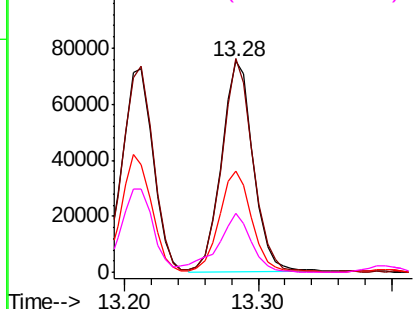
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

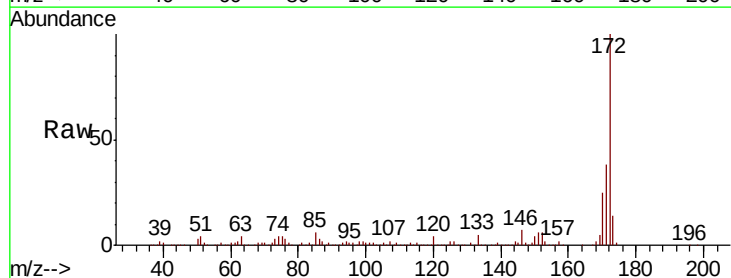
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



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

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

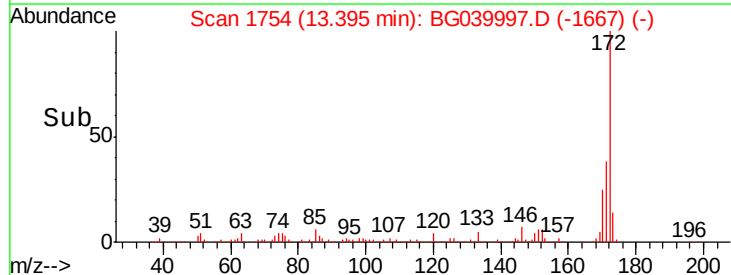
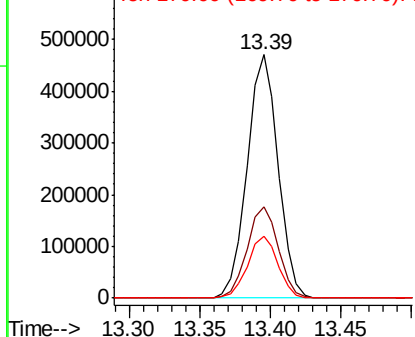


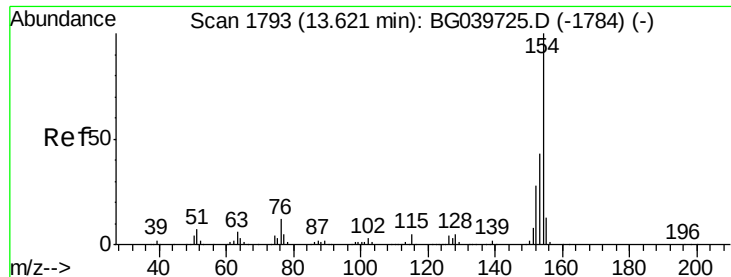
Abundance

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

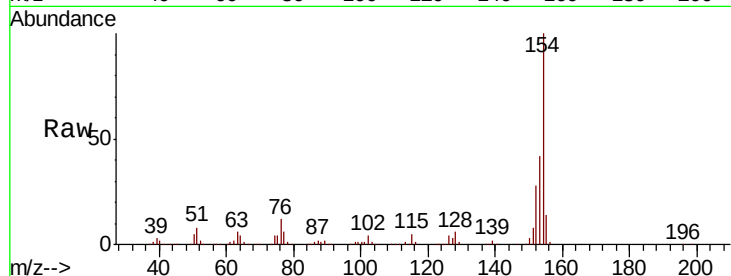




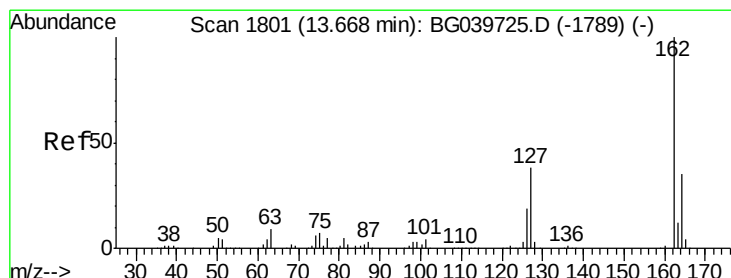
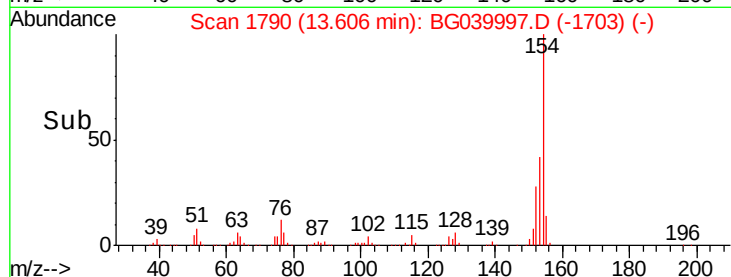
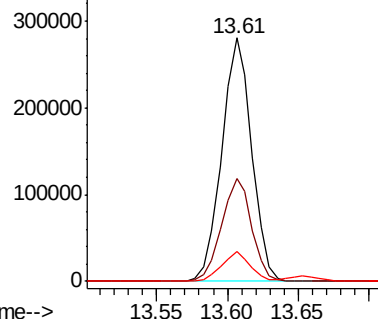
#46
 1,1'-Biphenyl
 Concen: 45.761 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	22.1	62.1
76	12.4	0.0	32.4

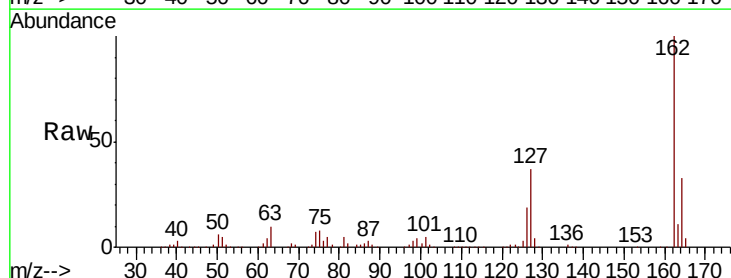


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

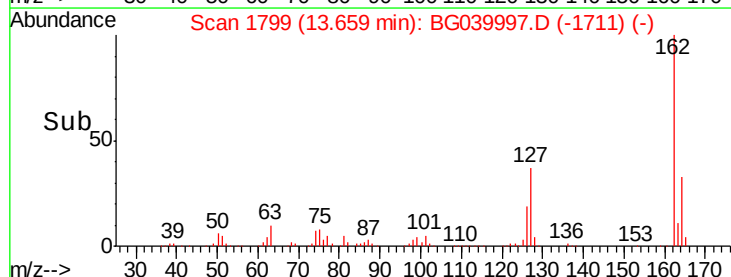
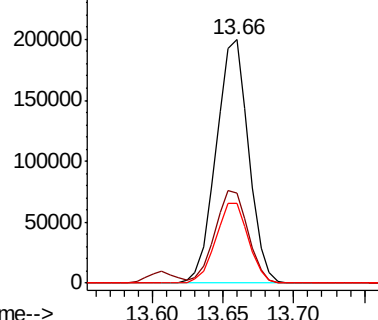


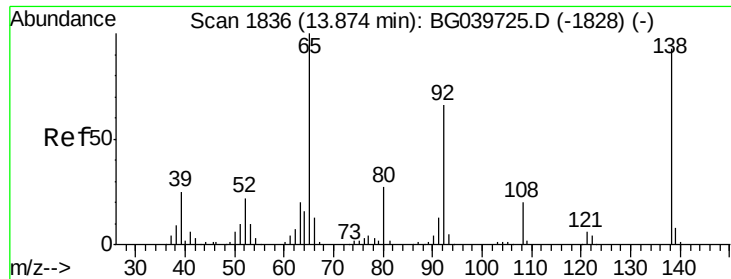
#47
 2-Chloronaphthalene
 Concen: 47.146 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Tgt 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

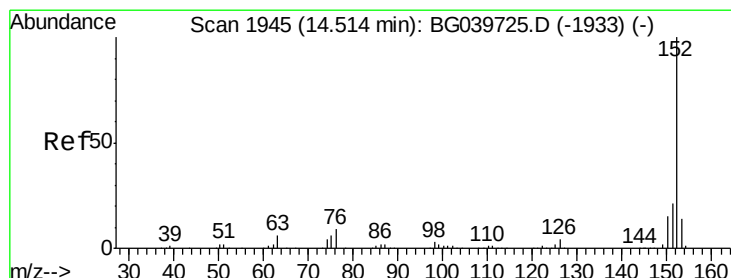
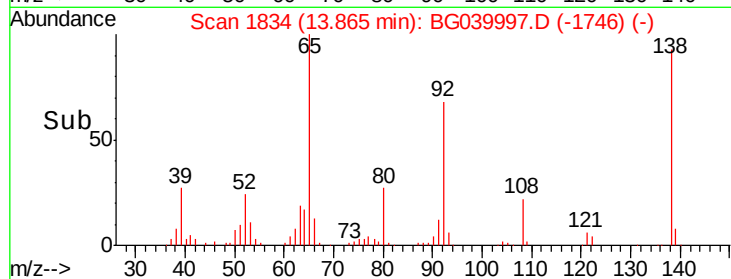
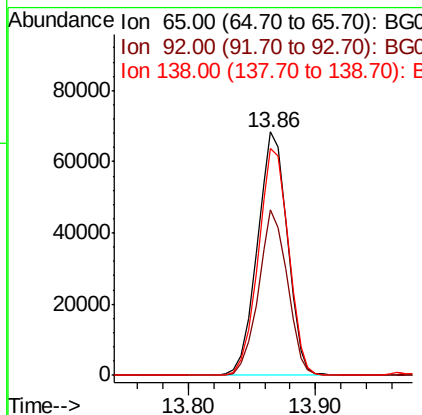
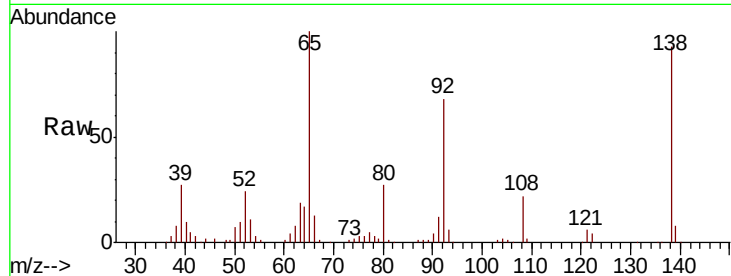




#48
 2-Nitroaniline
 Concen: 51.301 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

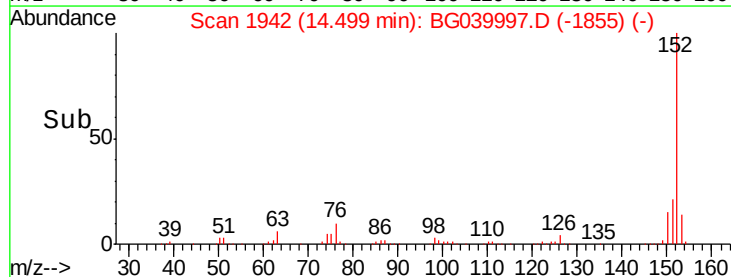
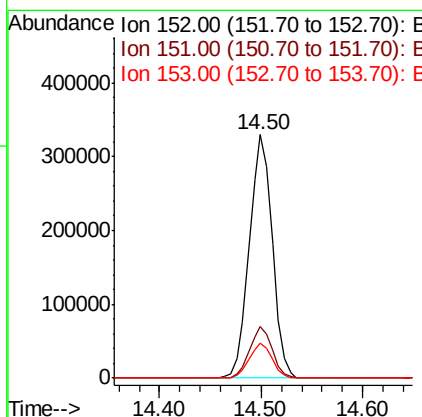
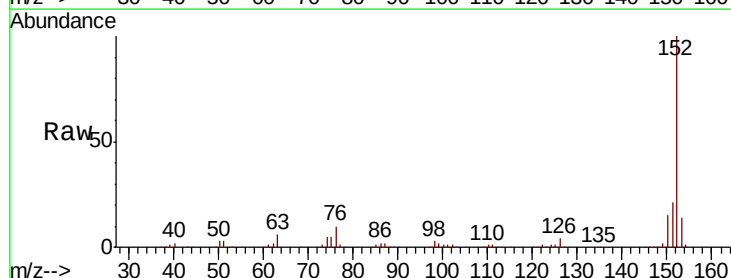
Instrument :
 BNA_G
 ClientSampleId :

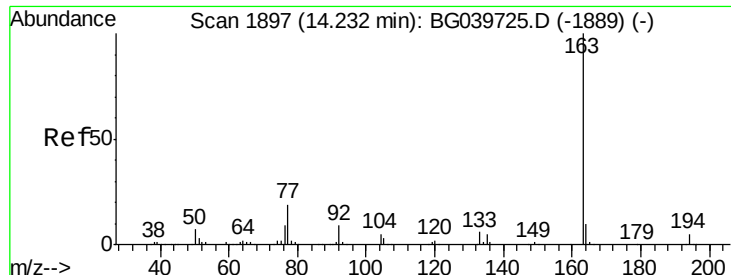
Tot Ion: 65 Resp: 112745
 Ion Ratio Lower Upper
 65 100
 92 67.8 51.4 77.2
 138 93.4 71.4 107.2



#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

Tgt Ion: 152 Resp: 517048
 Ion Ratio Lower Upper
 152 100
 151 21.1 16.8 25.2
 153 14.3 11.7 17.5





#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

Instrument :

BNA_G

ClientSampleId :

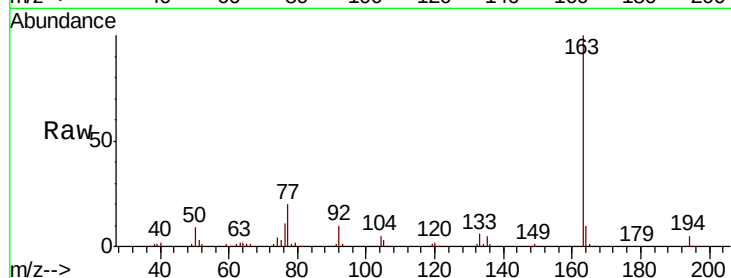
Tot Ion:163 Resp: 424046

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

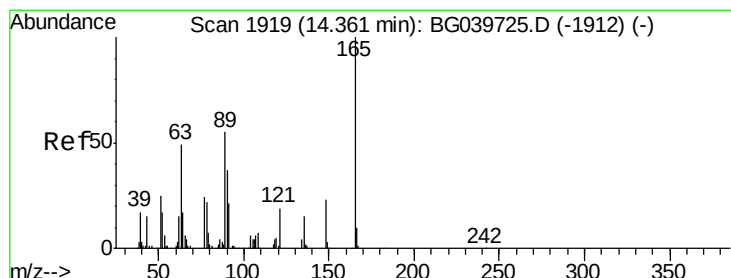
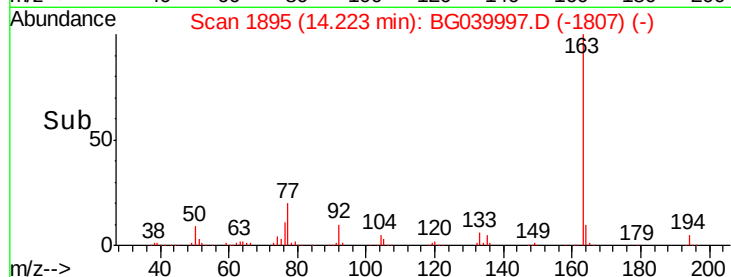
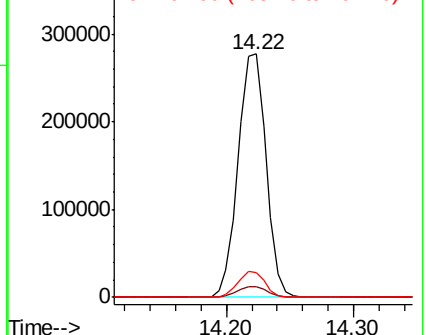
164 10.2 8.4 12.6



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

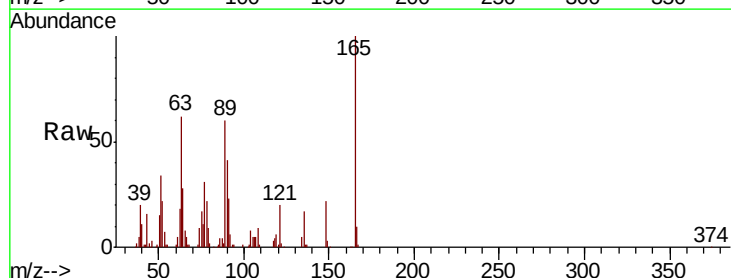
Tgt Ion:165 Resp: 95058

Ion Ratio Lower Upper

165 100

63 62.5 47.0 70.6

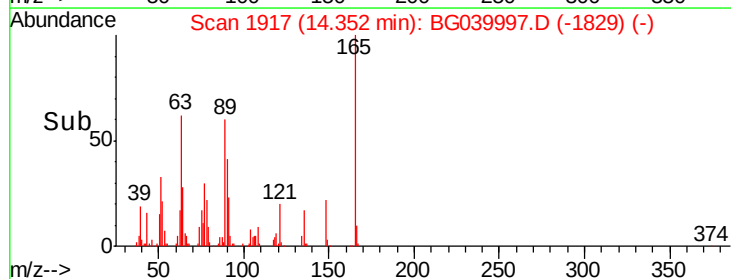
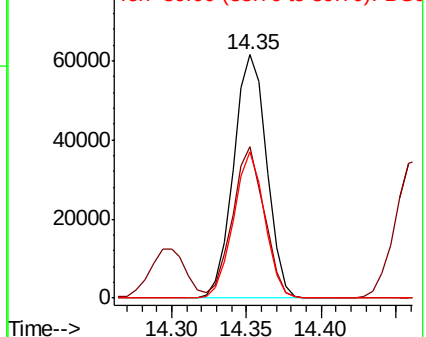
89 60.2 45.8 68.8

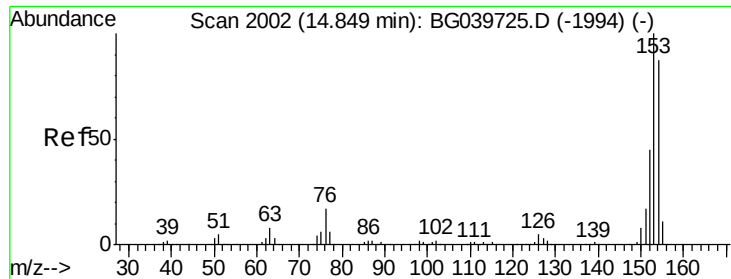


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0





#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

Instrument :

BNA_G

ClientSampleId :

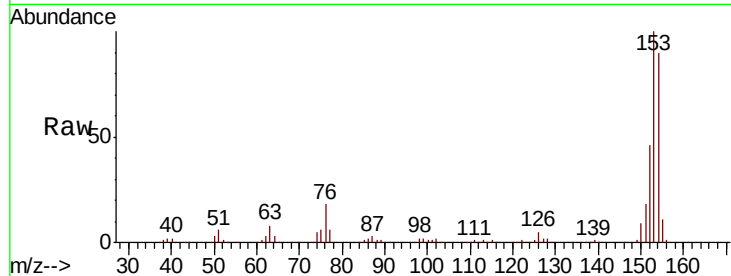
Tot Ion:154 Resp: 312361

Ion Ratio Lower Upper

154 100

153 111.1 90.1 135.1

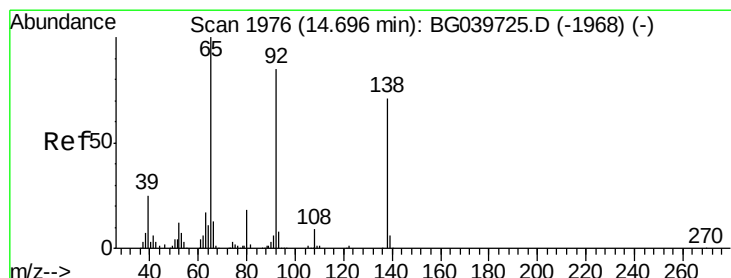
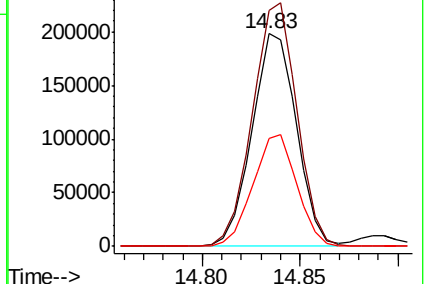
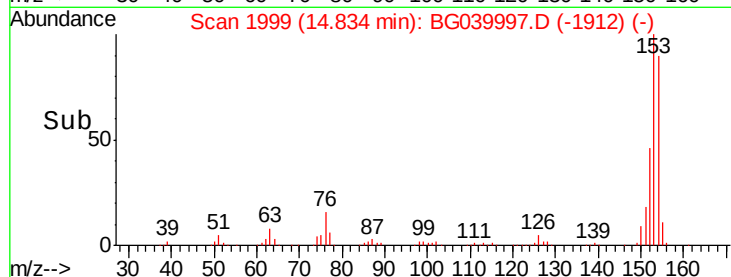
152 50.9 40.9 61.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#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

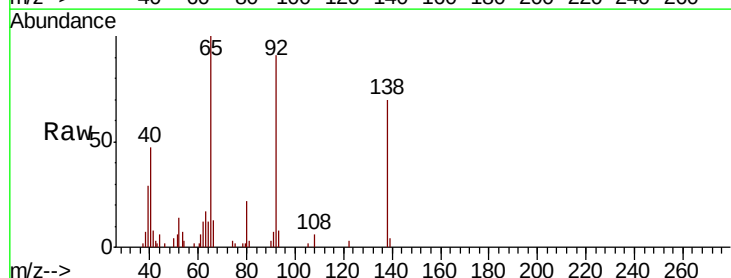
Tgt Ion:138 Resp: 10420

Ion Ratio Lower Upper

138 100

108 8.5 13.8 20.8#

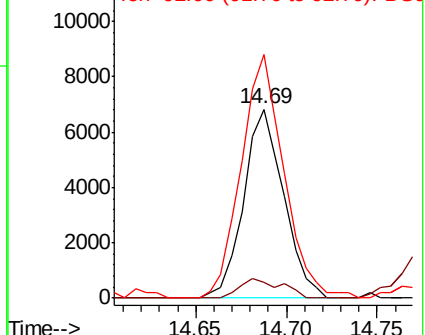
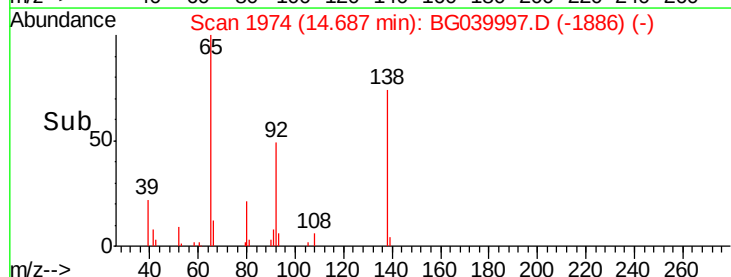
92 129.0 103.7 155.5

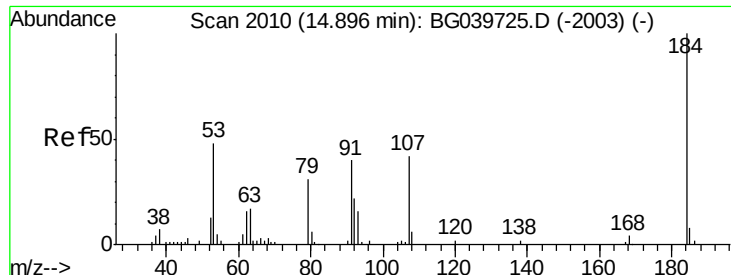


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

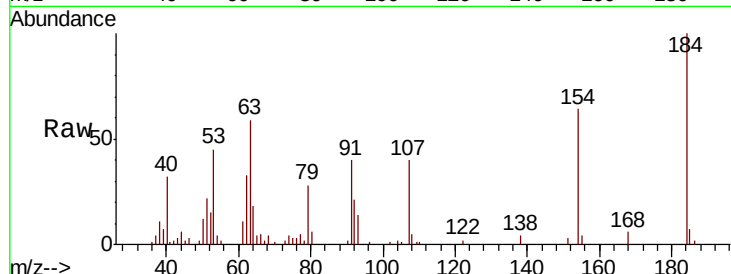




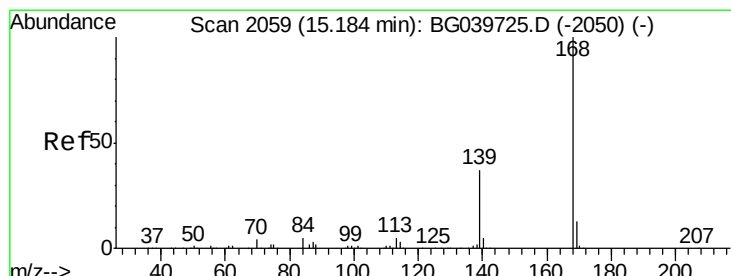
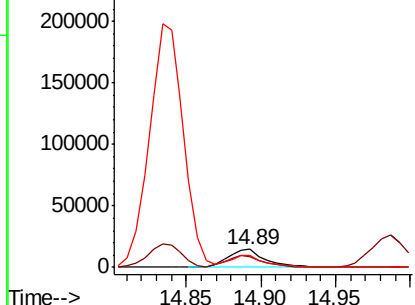
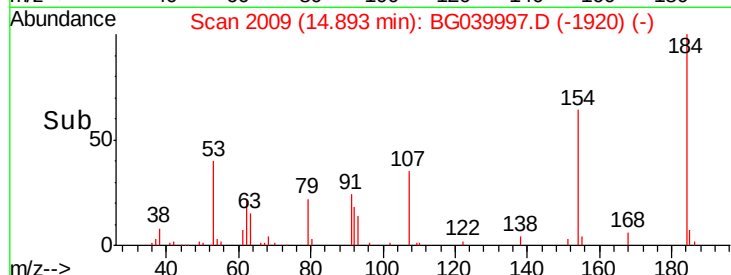
#54
 2,4-Dinitrophenol
 Concen: 24.648 ng
 RT: 14.89 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampleId :

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

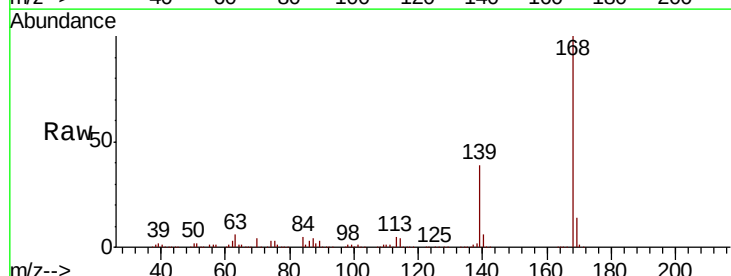


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 154.00 (153.70 to 154.70): E

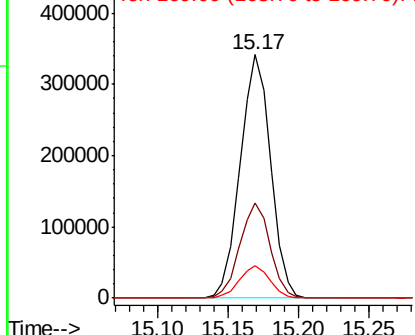
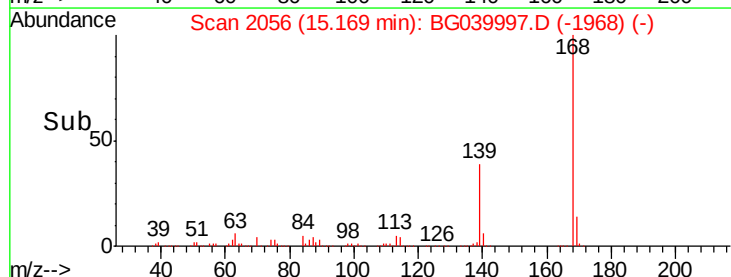


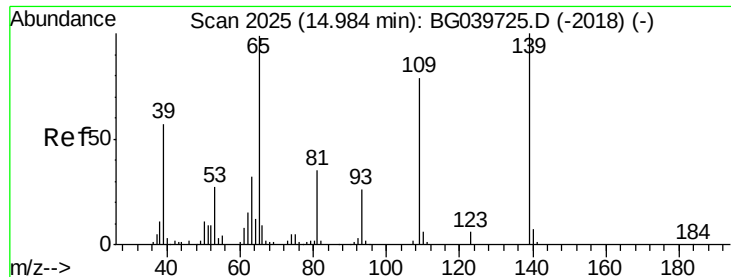
#55
 Dibenzofuran
 Concen: 46.379 ng
 RT: 15.17 min Scan# 2056
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

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



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

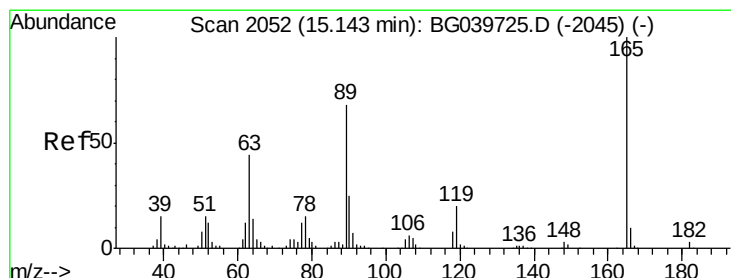
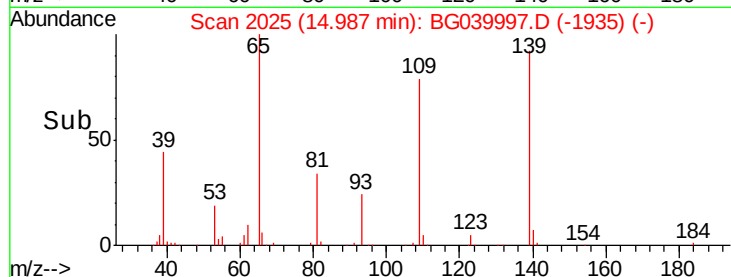
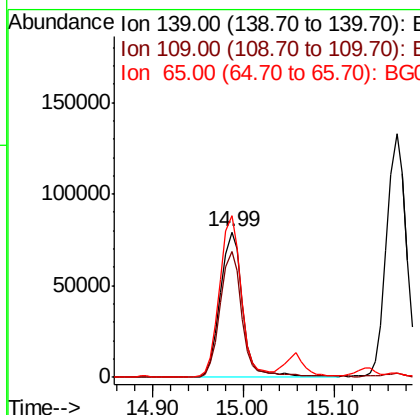
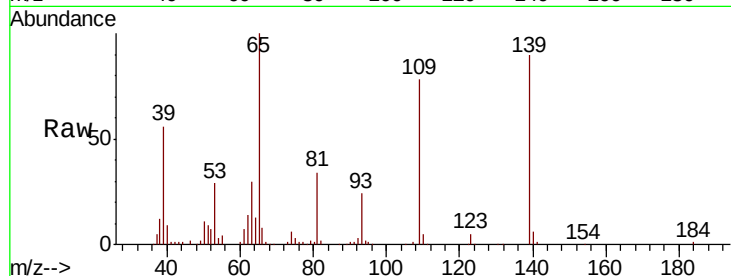




#56
4-Nitrophenol
Concen: 77.686 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

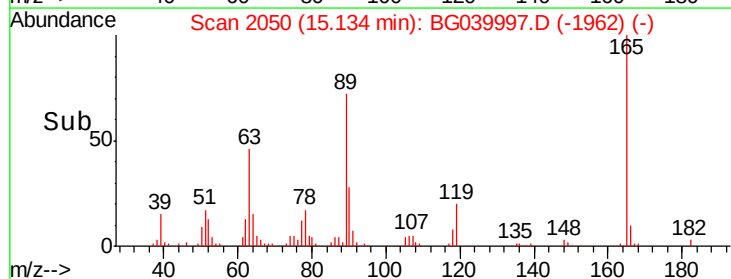
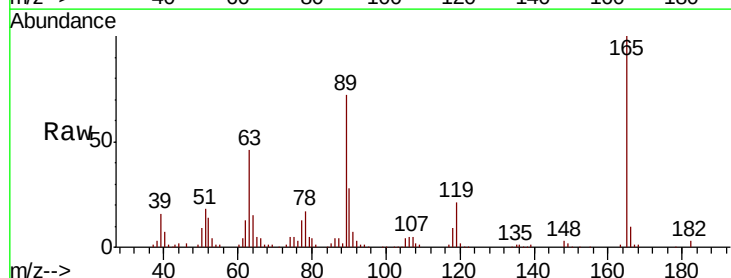
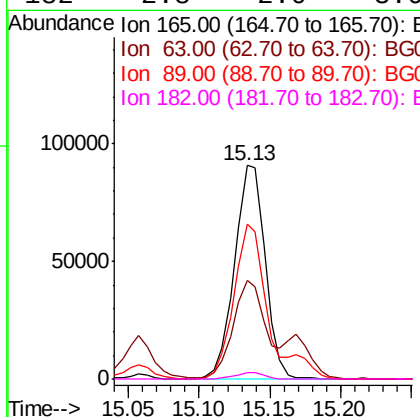
Instrument :
BNA_G
ClientSampleId :

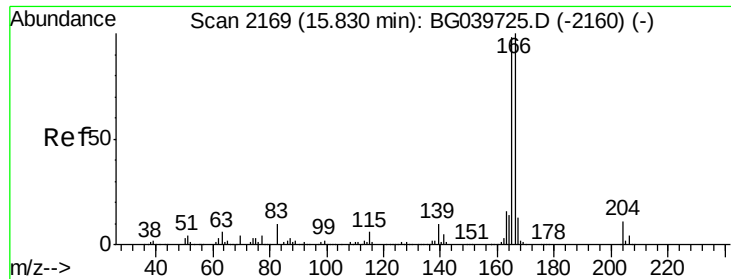
Tot Ion	Ratio	Lower	Upper
139	100		
109	86.3	61.9	101.9
65	110.9	99.1	139.1



#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

Tgt 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

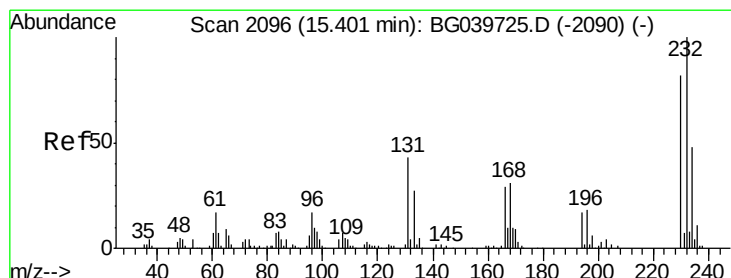
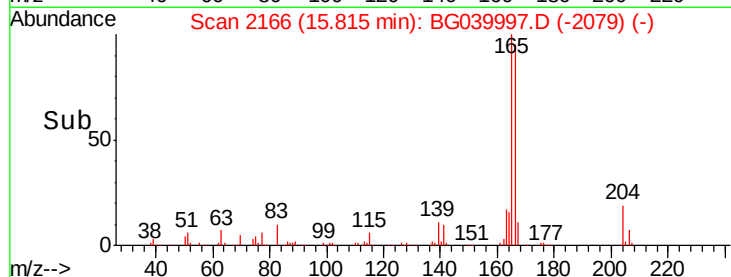
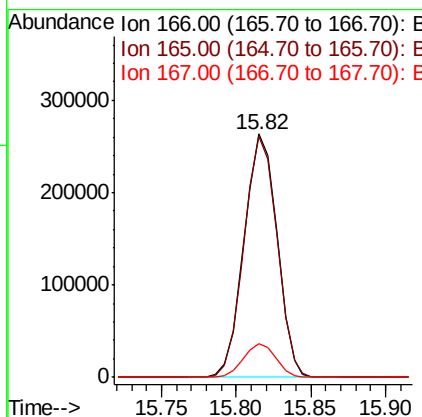
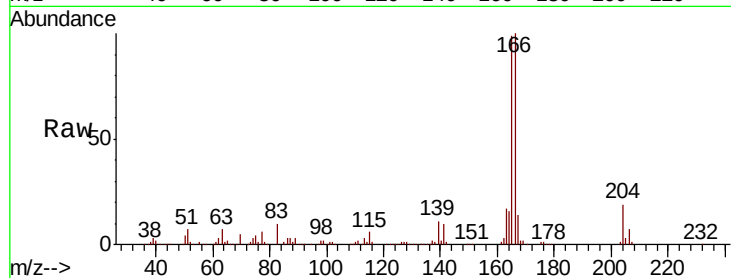




#58
 Fluorene
 Concen: 46.208 ng
 RT: 15.82 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

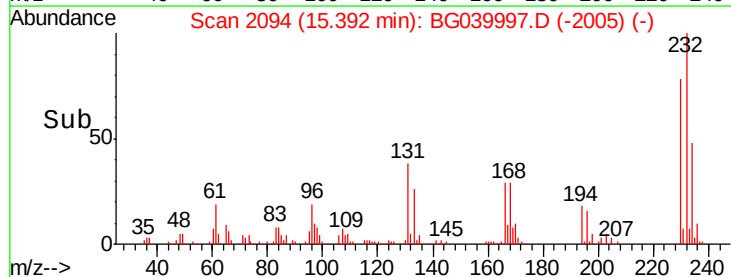
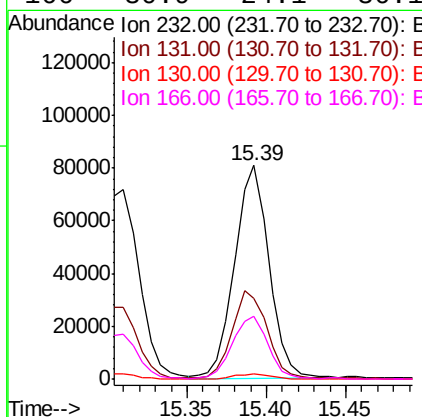
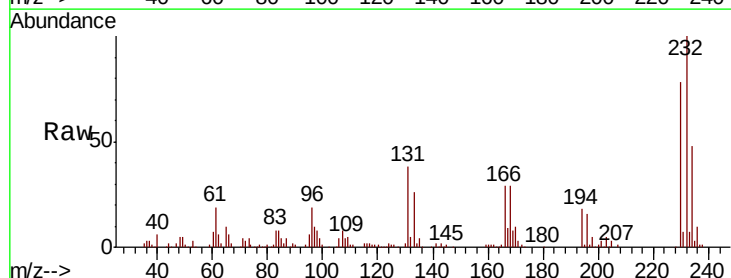
Instrument :
 BNA_G
 ClientSampleId :

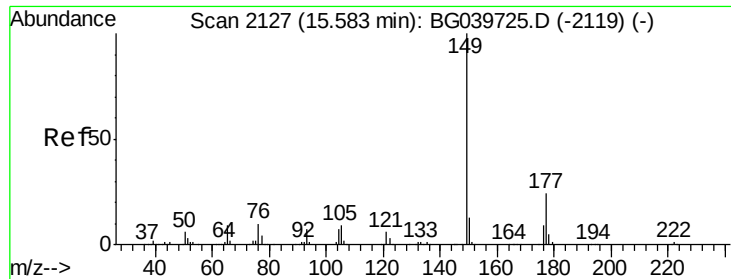
Tot Ion:166 Resp: 402704
 Ion Ratio Lower Upper
 166 100
 165 99.2 77.9 116.9
 167 13.6 10.8 16.2



#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

Tgt 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

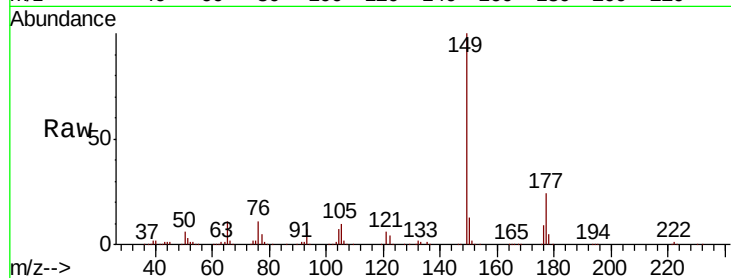




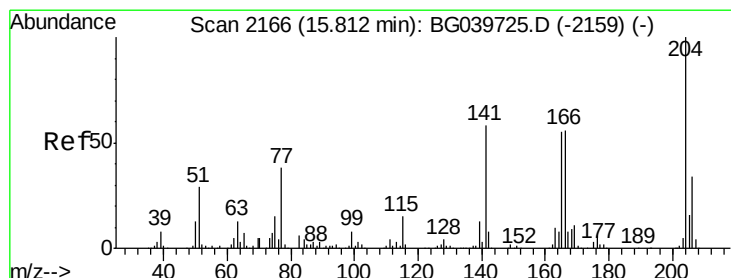
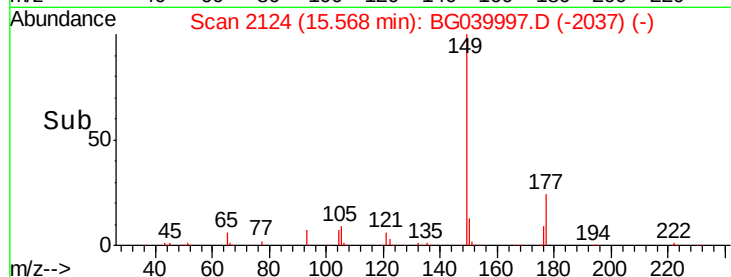
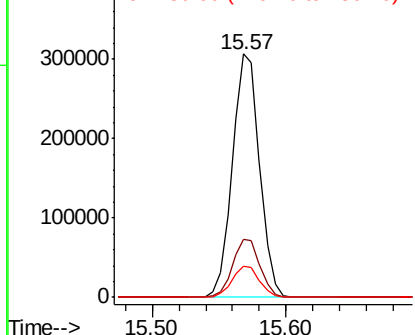
#60
Diethylphthalate
Concen: 47.358 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampled :

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

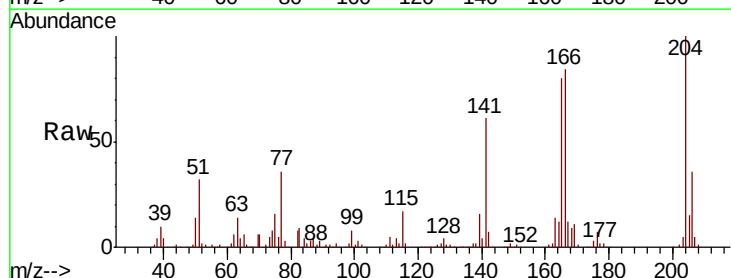


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

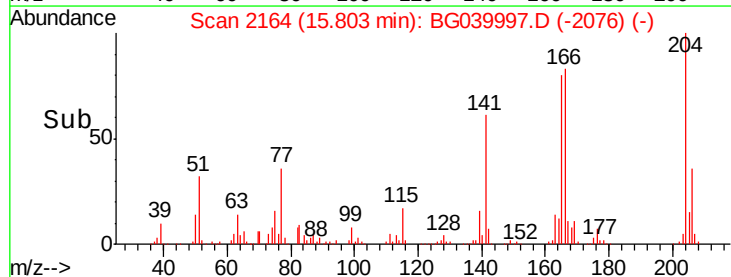
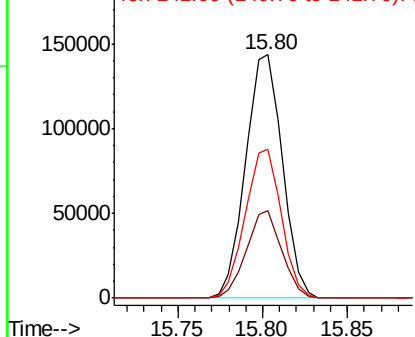


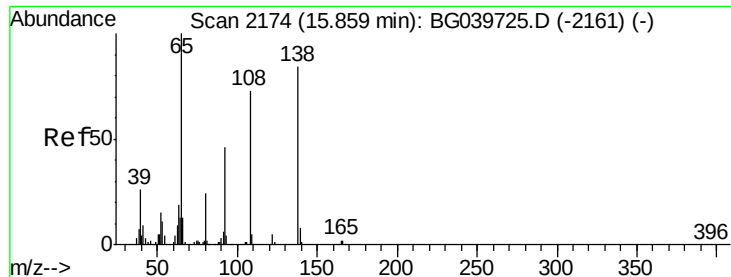
#61
4-Chlorophenyl-phenylether
Concen: 46.706 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt Ion:204 Resp: 217207
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

Instrument :

BNA_G

ClientSampleId :

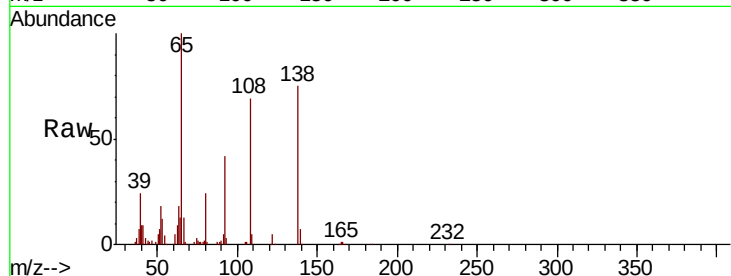
Tot Ion:138 Resp: 93354

Ion Ratio Lower Upper

138 100

92 56.3 38.7 78.7

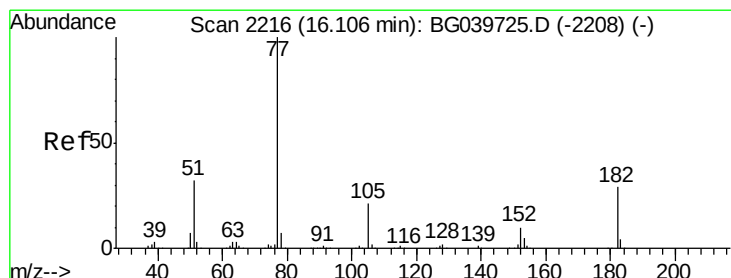
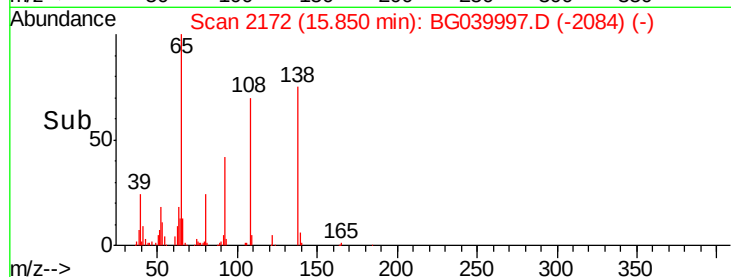
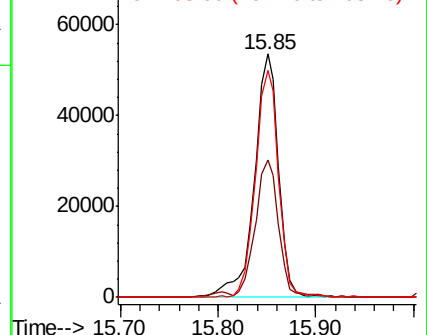
108 93.1 74.6 114.6



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

Tgt Ion: 77 Resp: 398987

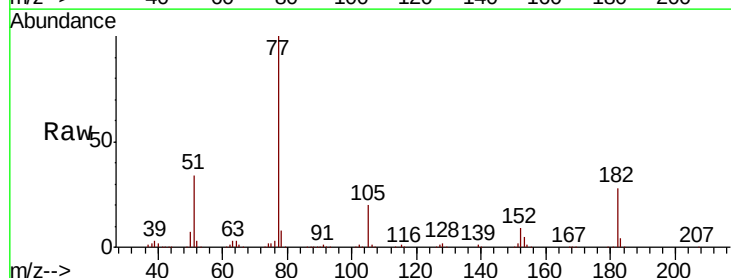
Ion Ratio Lower Upper

77 100

182 27.6 6.4 46.4

105 19.5 0.0 39.8

51 33.6 14.1 54.1

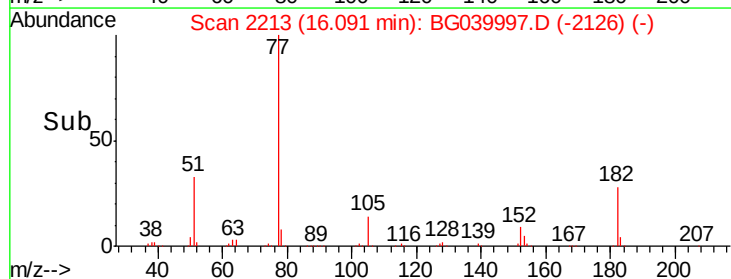
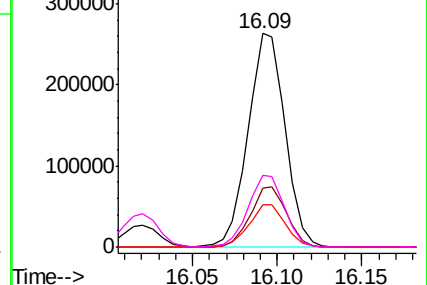


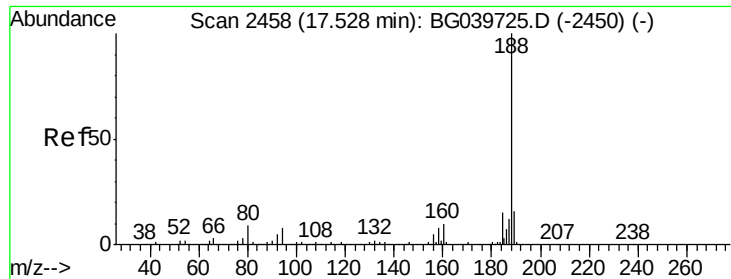
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG

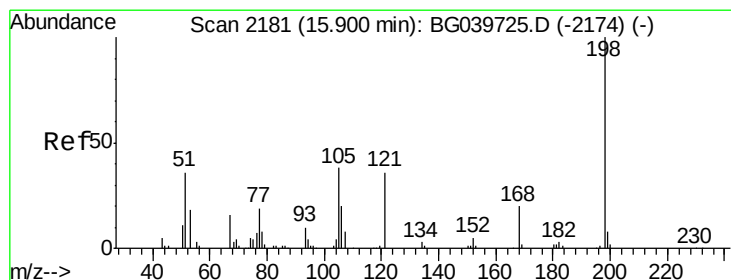
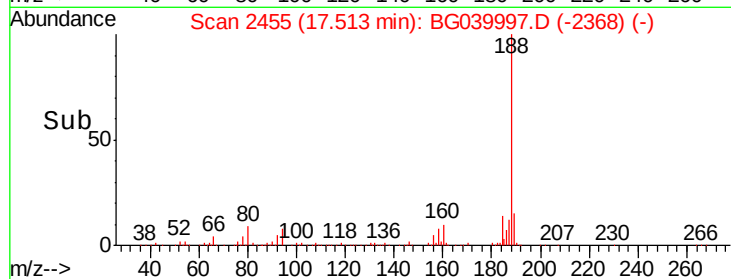
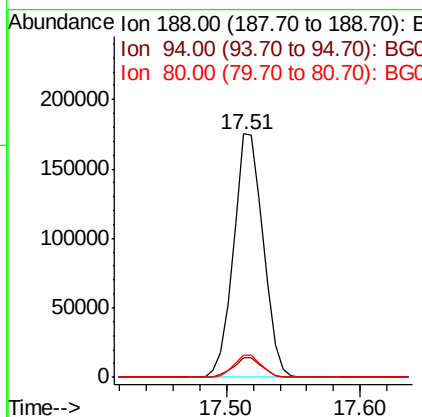
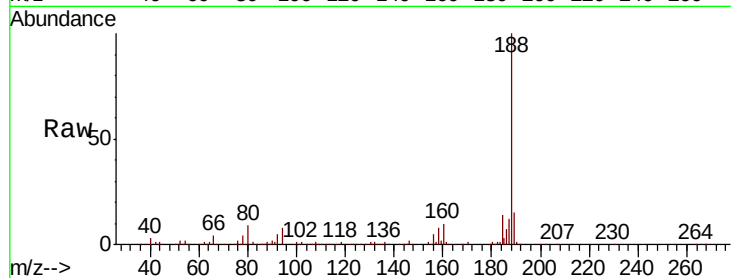




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

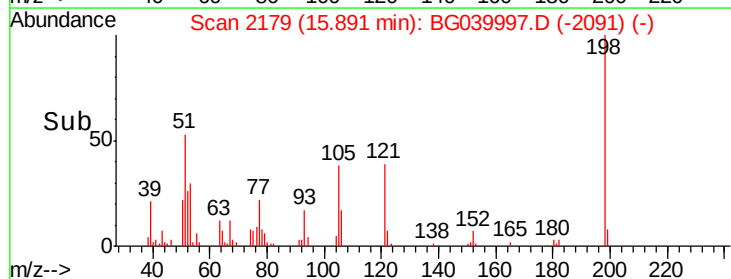
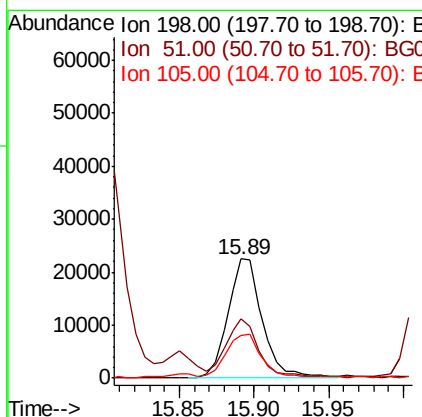
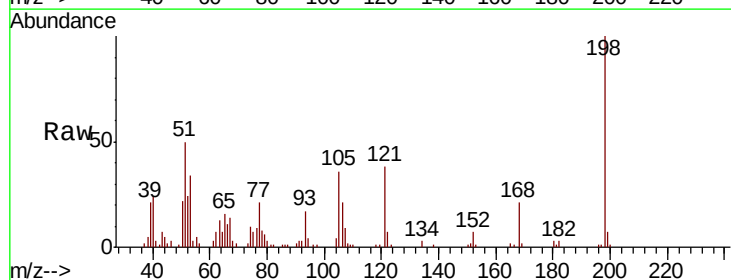
Instrument :
 BNA_G
 ClientSampleId :

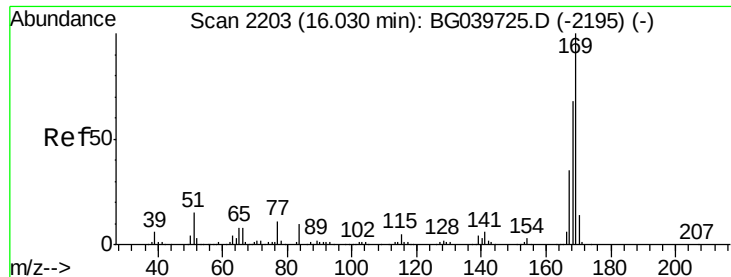
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.9	10.3
80	8.9	8.1	12.1



#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

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

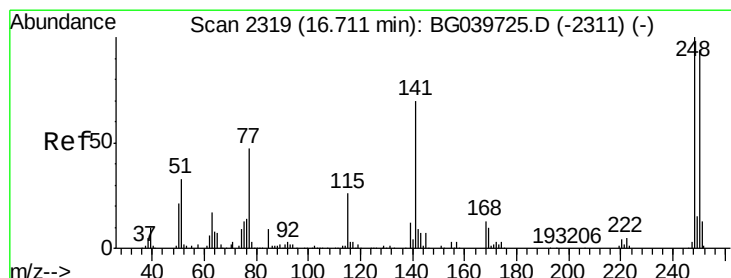
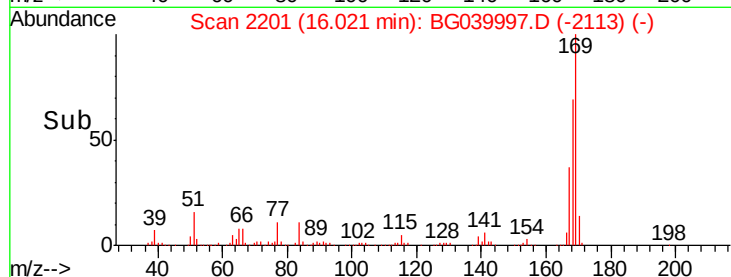
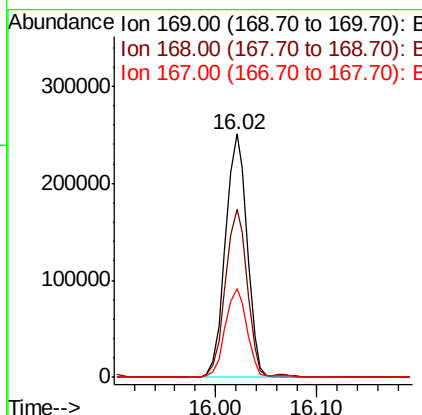
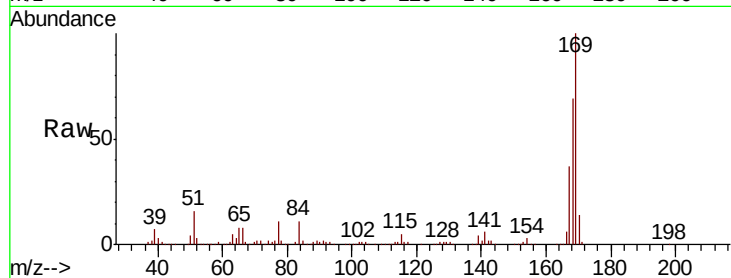




#66
 n-Nitrosodiphenylamine
 Concen: 47.834 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

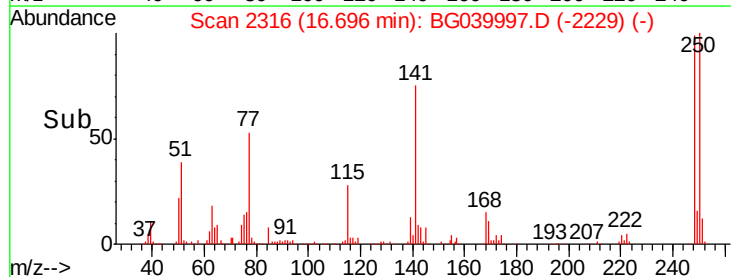
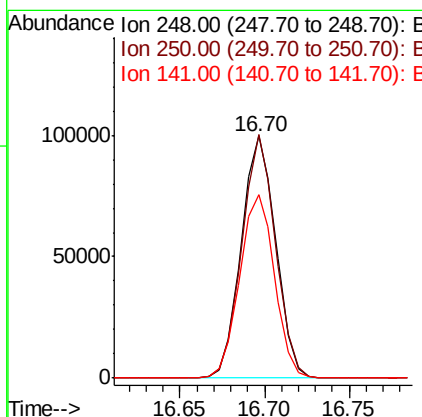
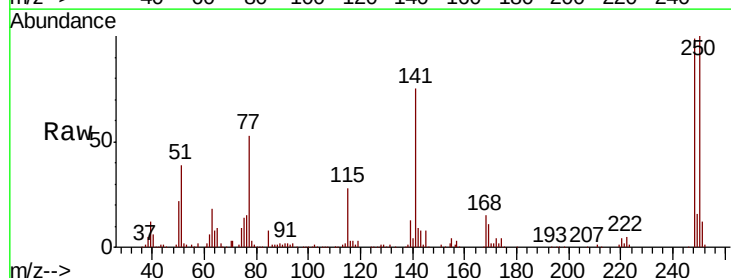
Instrument :
 BNA_G
 ClientSampleId :

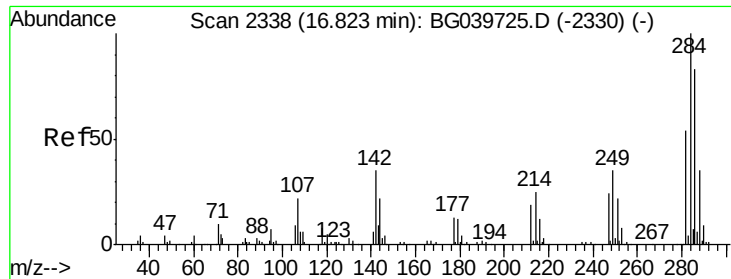
Tot Ion:169 Resp: 372896
 Ion Ratio Lower Upper
 169 100
 168 69.0 56.6 85.0
 167 36.6 28.8 43.2



#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

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





#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

Instrument :

BNA_G

ClientSampleId :

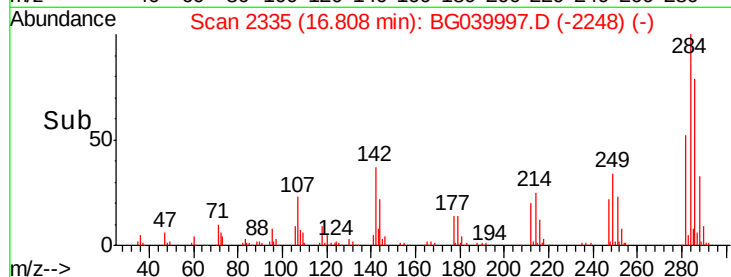
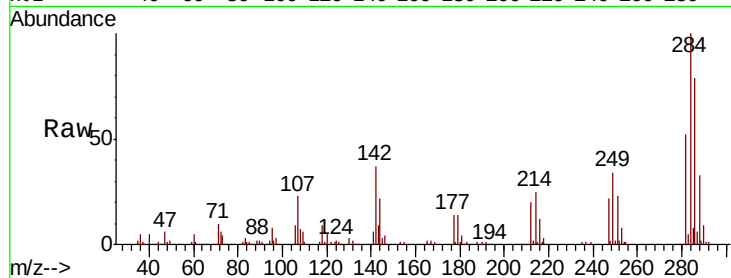
Tot Ion:284 Resp: 145295

Ion Ratio Lower Upper

284 100

142 37.3 30.6 45.8

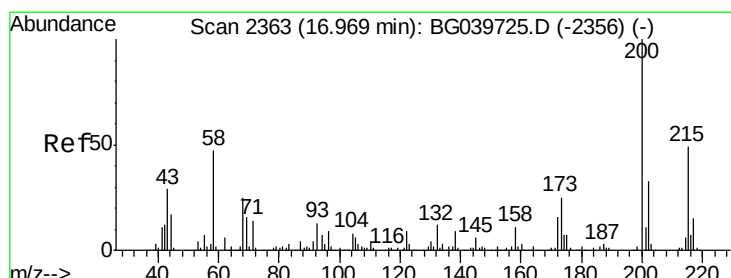
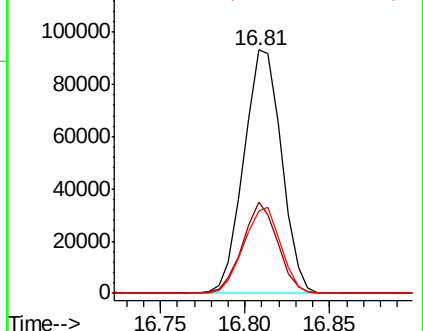
249 33.9 28.2 42.2



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

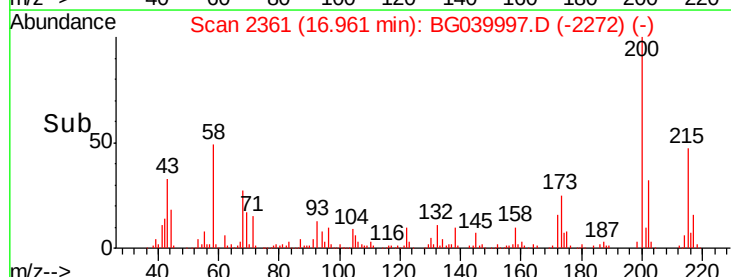
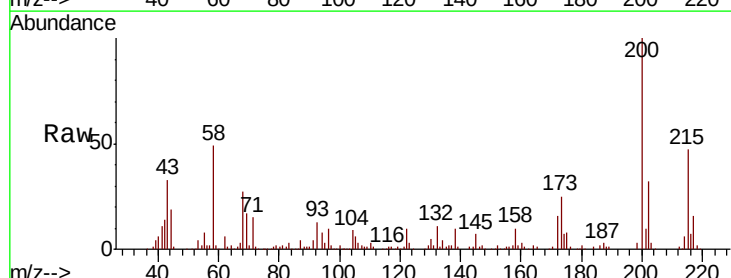
Tgt Ion:200 Resp: 148708

Ion Ratio Lower Upper

200 100

173 24.8 3.9 43.9

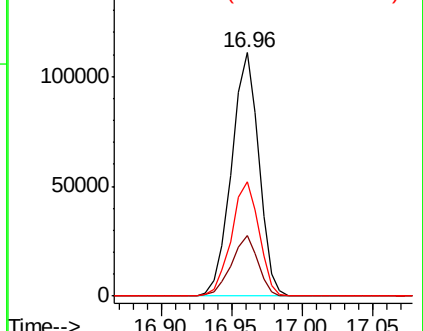
215 47.0 30.9 70.9

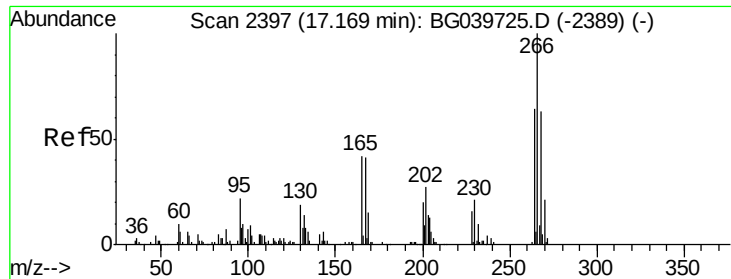


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

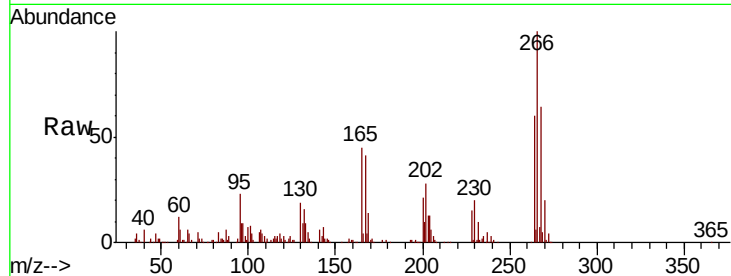




#70
 Pentachlorophenol
 Concen: 61.372 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

Instrument :
 BNA_G
 ClientSampled :

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

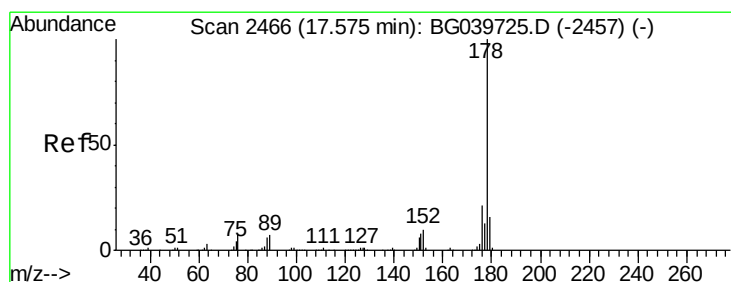
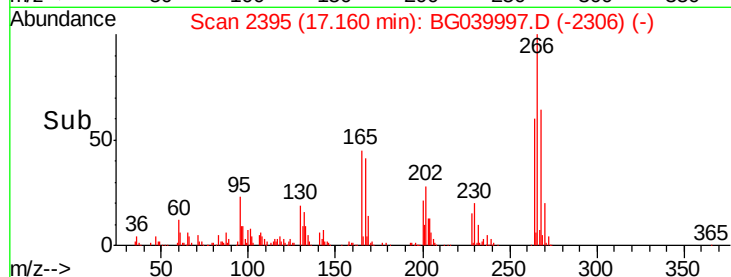
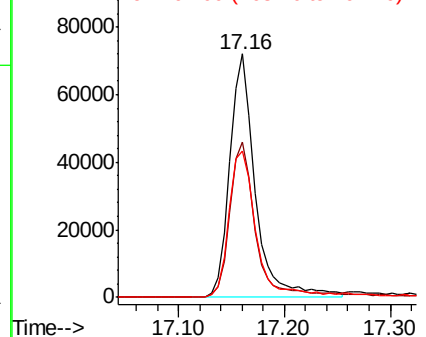


Abundance

Ion 265.70 (265.40 to 266.40): E

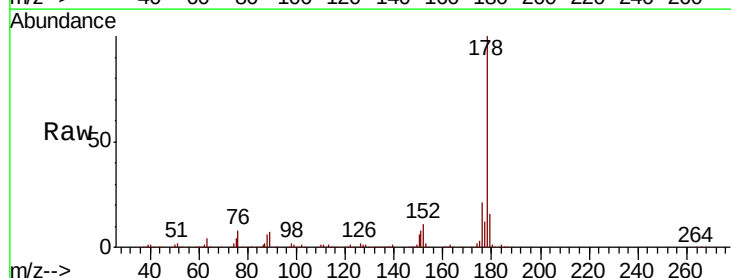
Ion 268.00 (267.70 to 268.70): E

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.2	24.4
179	15.8	12.6	19.0

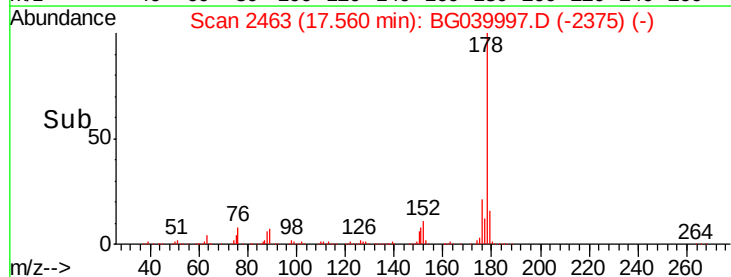
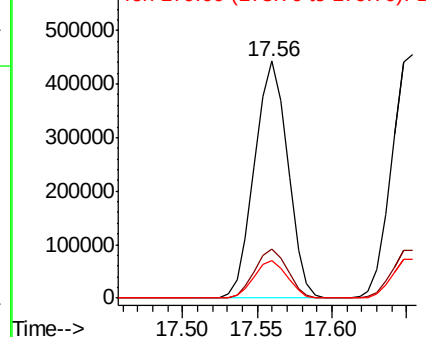


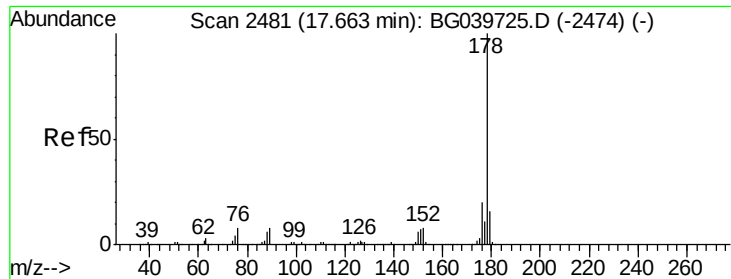
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 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

Instrument :

BNA_G

ClientSampled :

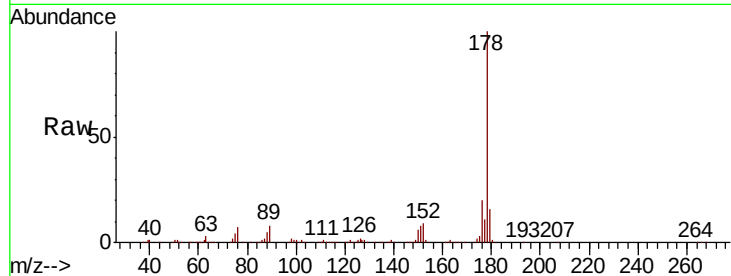
Tot Ion:178 Resp: 692407

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.6

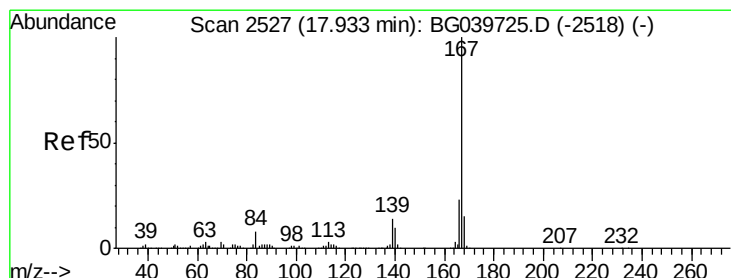
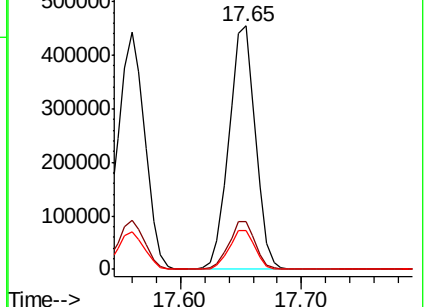
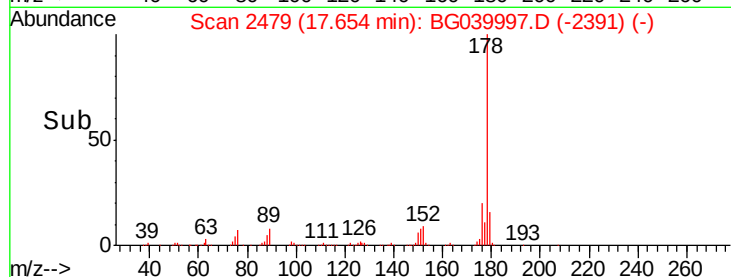
179 15.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 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

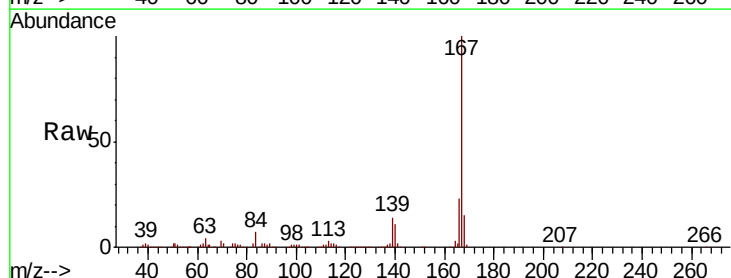
Tgt Ion:167 Resp: 623572

Ion Ratio Lower Upper

167 100

166 22.5 19.4 29.2

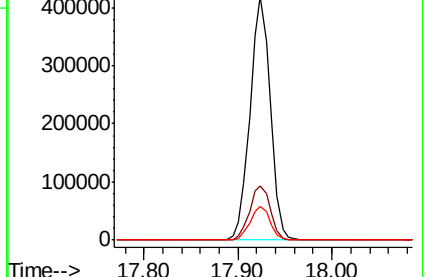
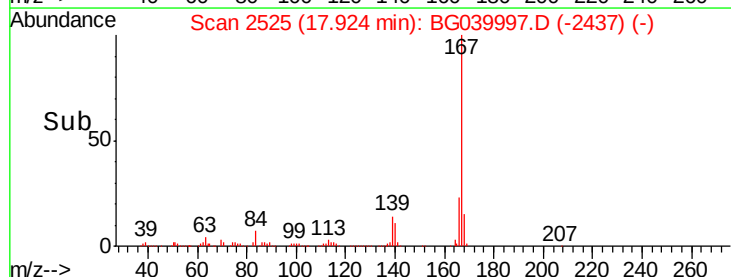
139 13.6 10.8 16.2

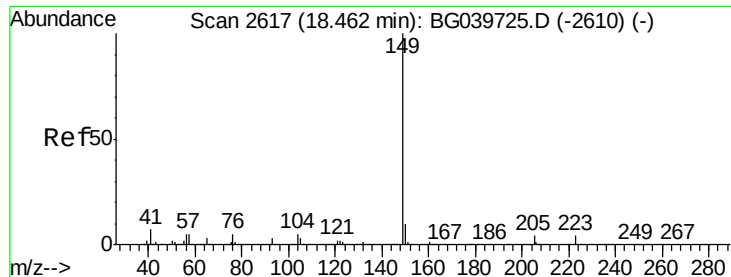


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 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

Instrument :

BNA_G

ClientSampleId :

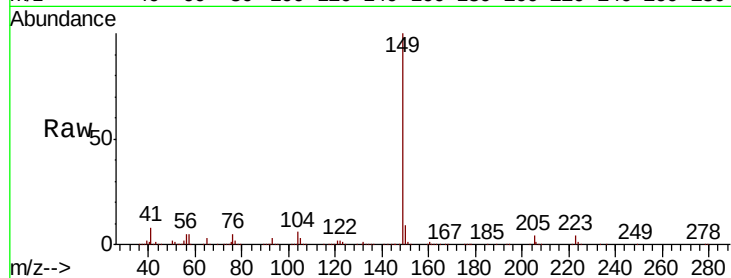
Tot Ion:149 Resp: 747377

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

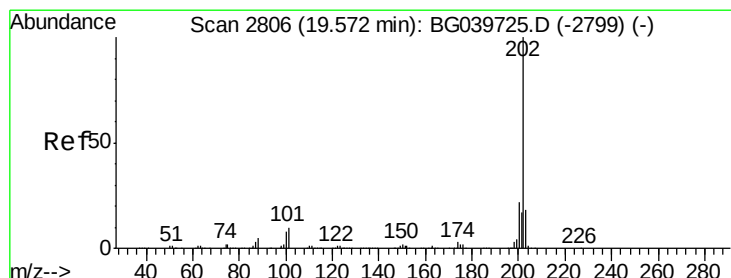
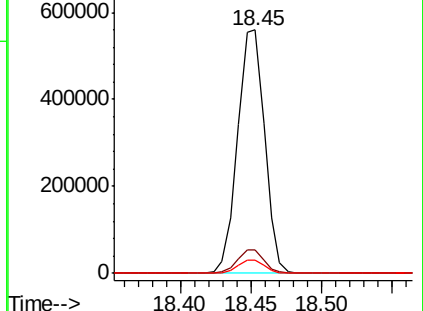
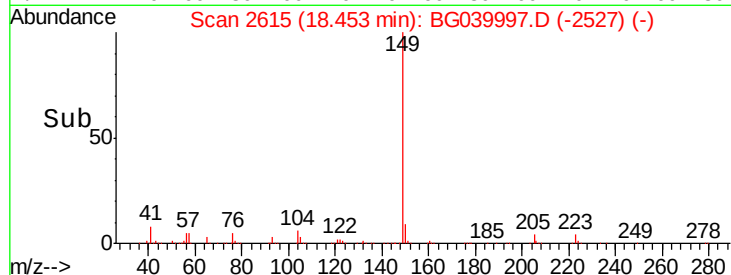
104 5.7 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 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

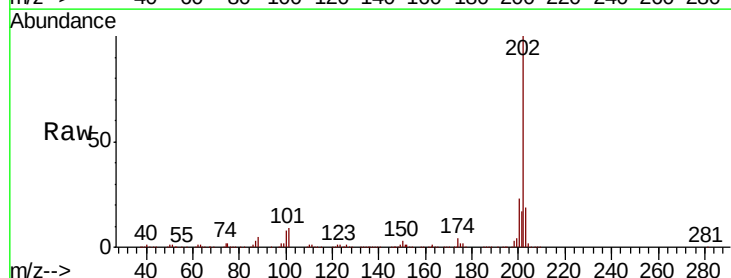
Tgt Ion:202 Resp: 827318

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.0

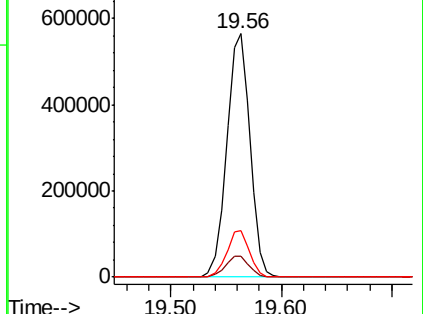
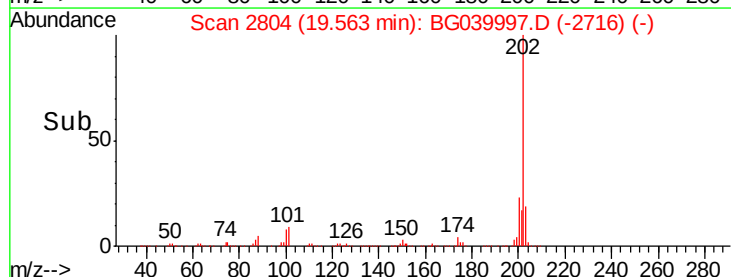
203 18.9 0.0 38.9

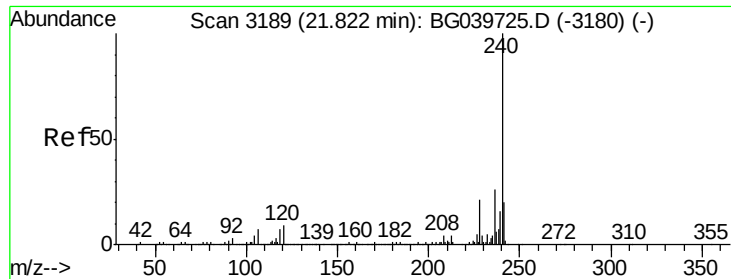


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

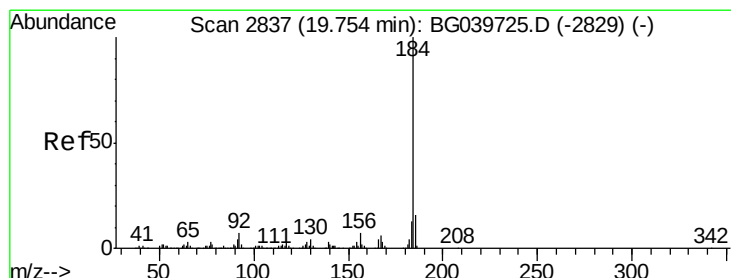
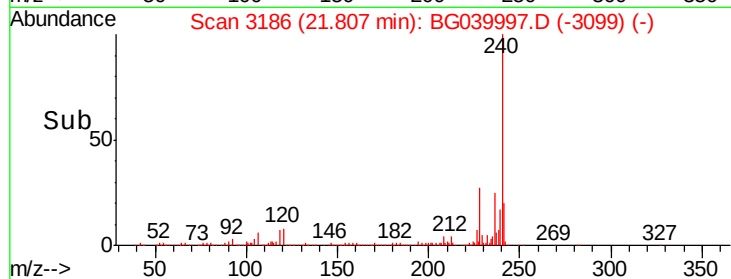
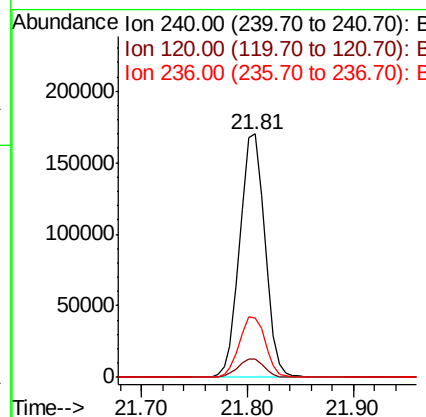
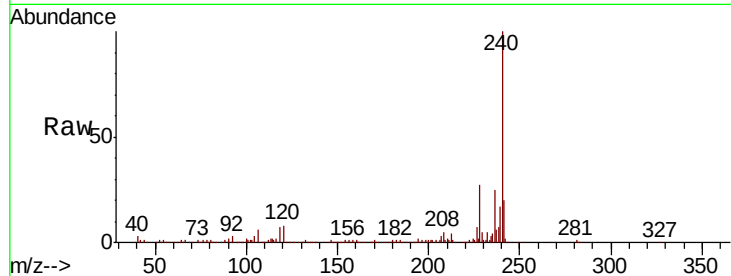




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

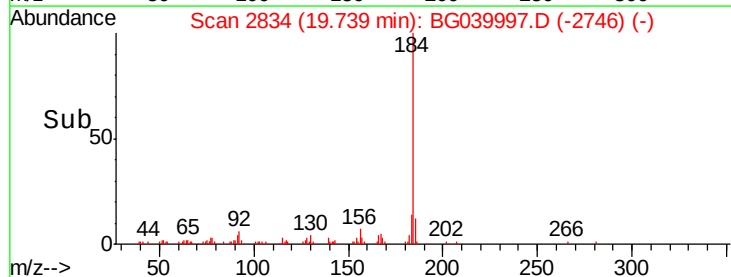
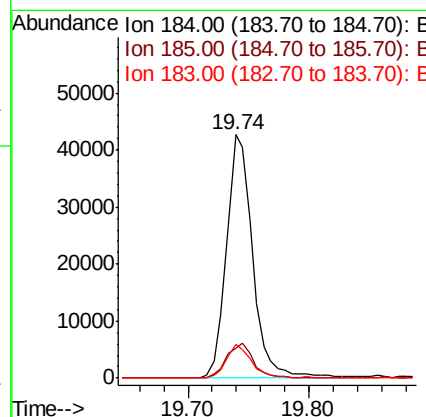
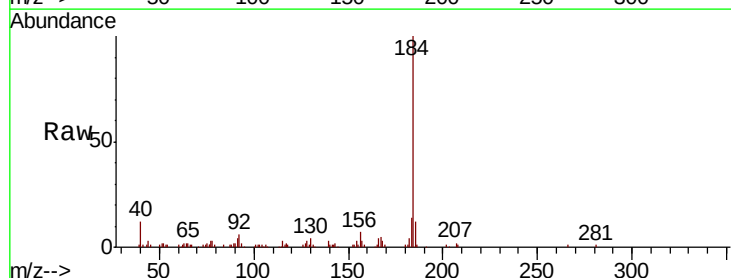
Instrument :
BNA_G
ClientSampleId :

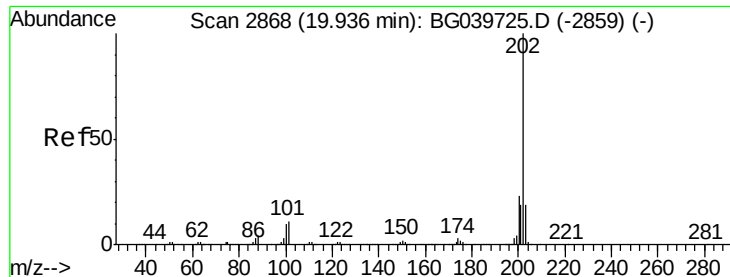
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	24.5	21.0	31.4



#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

Tgt Ion	Ratio	Lower	Upper
184	100		
185	12.3	12.2	18.2
183	13.8	10.6	15.8

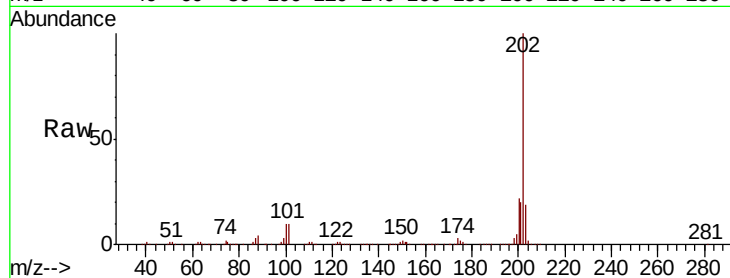




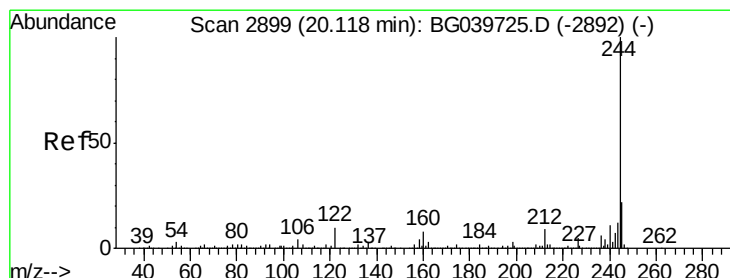
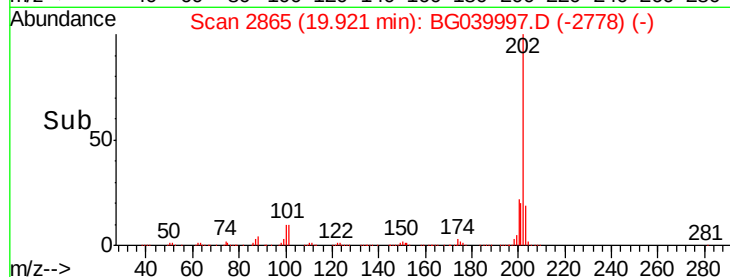
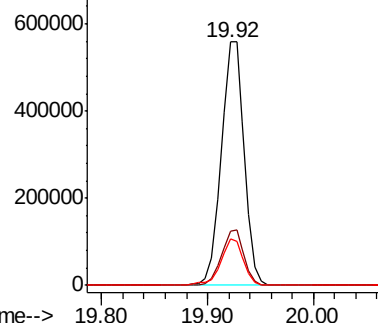
#78
Pvrene
Concen: 46.620 ng
RT: 19.92 min Scan# 2865
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:202 Resp: 846412
Ion Ratio Lower Upper
202 100
200 22.5 17.8 26.8
203 19.0 15.3 22.9

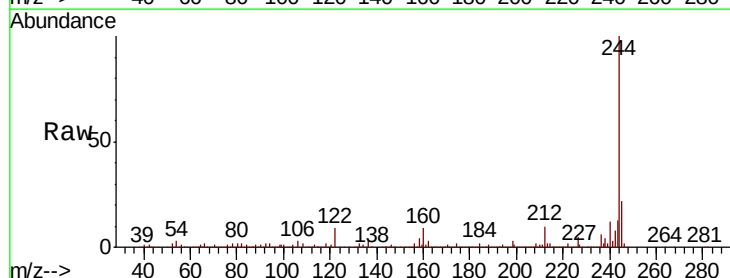


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

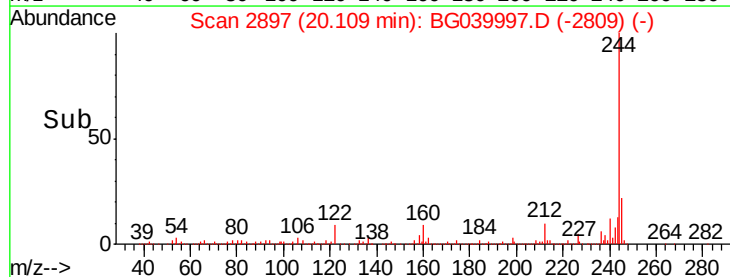
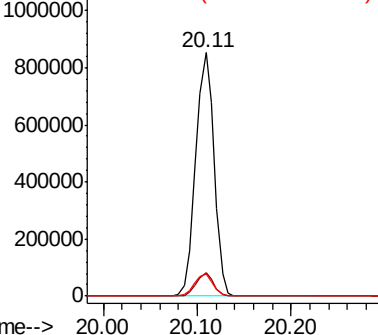


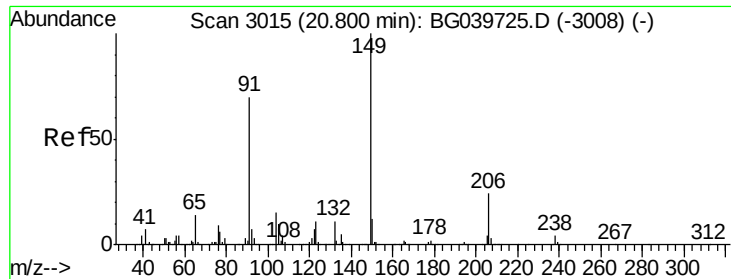
#79
Terphenyl-d14
Concen: 91.658 ng
RT: 20.11 min Scan# 2897
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

Tgt 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

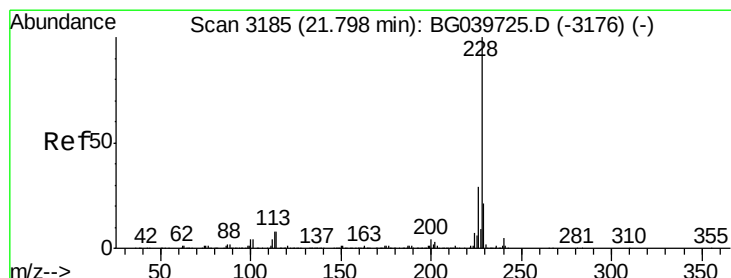
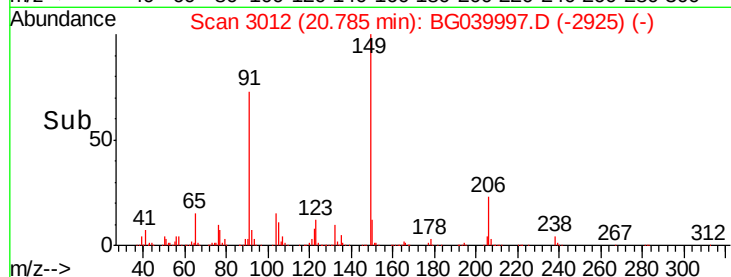
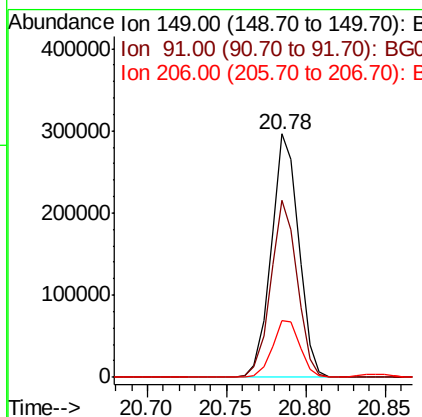
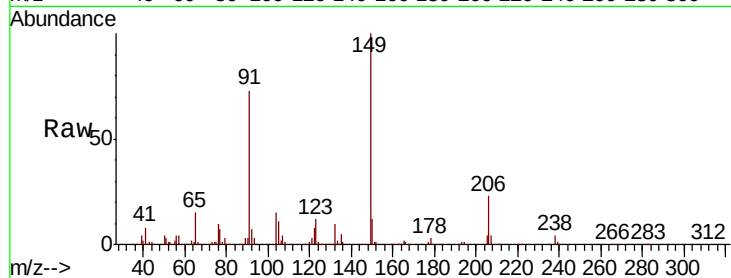




#80
Butylbenzylphthalate
Concen: 50.628 ng
RT: 20.78 min Scan# 3012
Delta R.T. -0.02 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

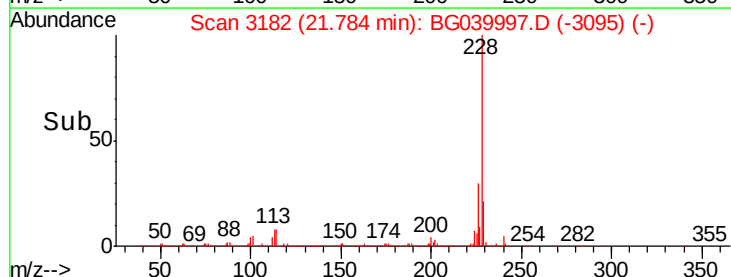
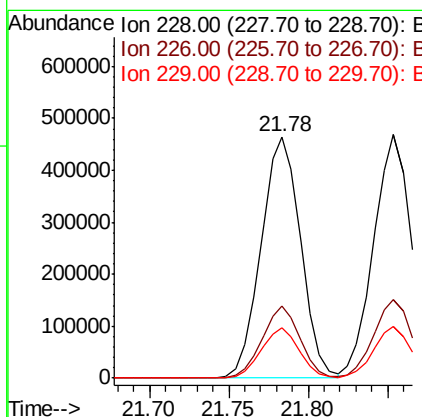
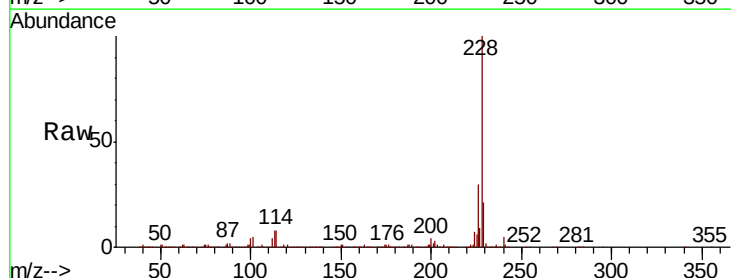
Instrument :
BNA_G
ClientSampleId :

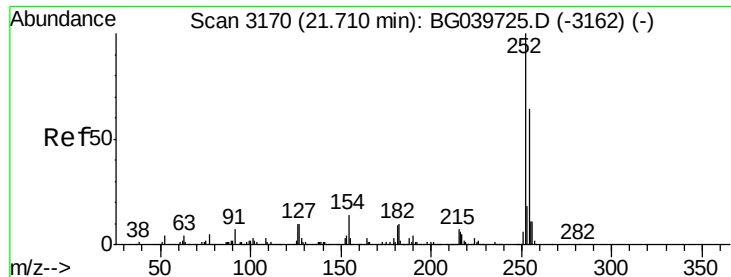
Tot Ion	Ratio	Lower	Upper
149	100		
91	72.7	59.5	89.3
206	23.1	18.6	27.8



#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

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.0	34.6
229	20.9	16.9	25.3

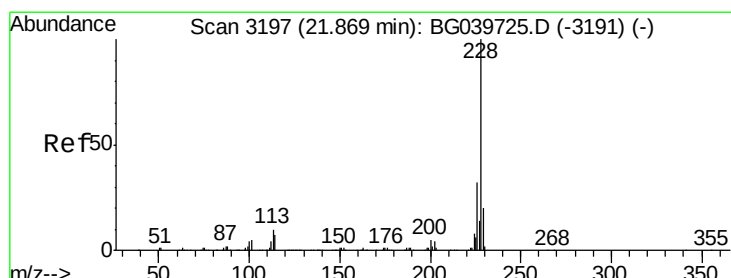
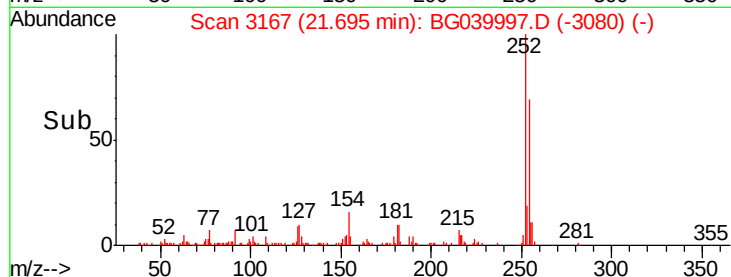
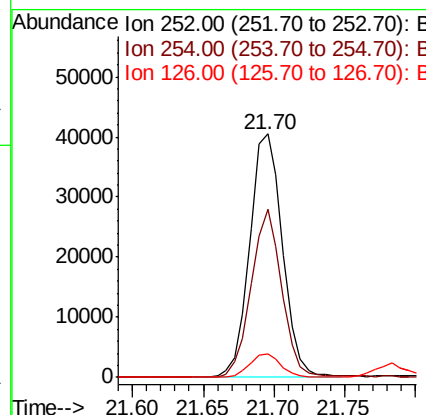
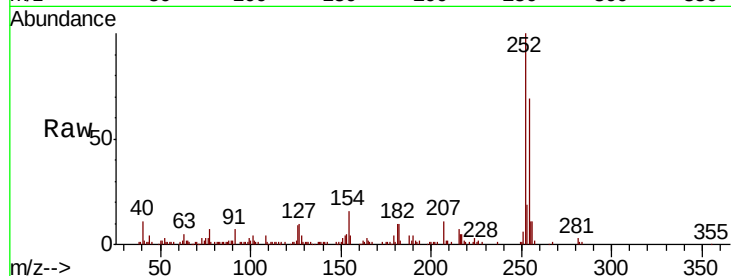




#82
 3,3'-Dichlorobenzidine
 Concen: 10.343 ng
 RT: 21.70 min Scan# 3167
 Delta R.T. -0.02 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

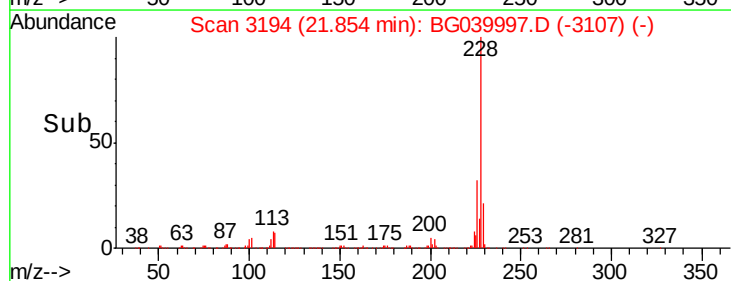
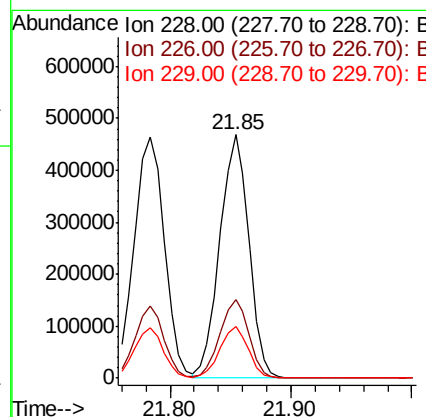
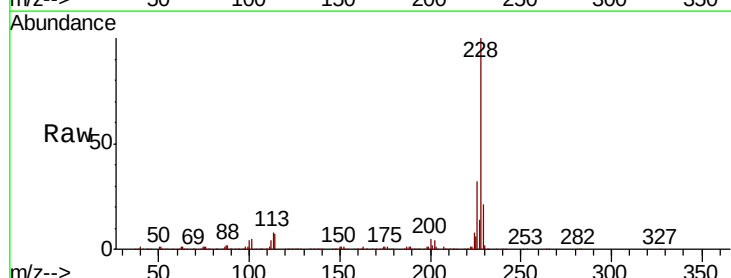
Instrument :
 BNA_G
 ClientSampleId :

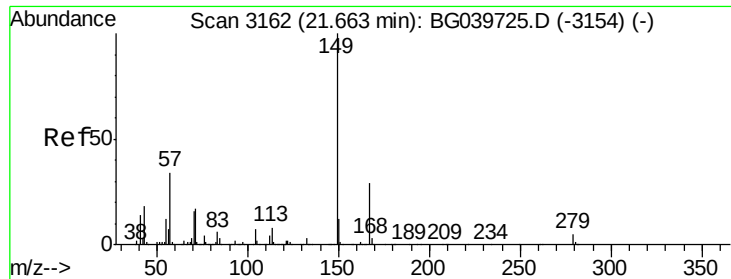
Tot Ion:252 Resp: 66125
 Ion Ratio Lower Upper
 252 100
 254 69.1 51.3 76.9
 126 9.5 8.0 12.0



#83
 Chrysene
 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

Tgt Ion:228 Resp: 776889
 Ion Ratio Lower Upper
 228 100
 226 32.4 25.8 38.6
 229 21.3 16.6 25.0

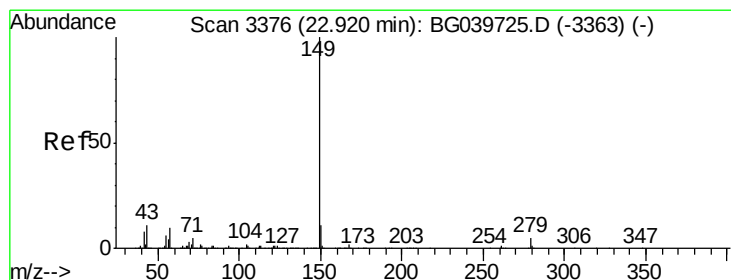
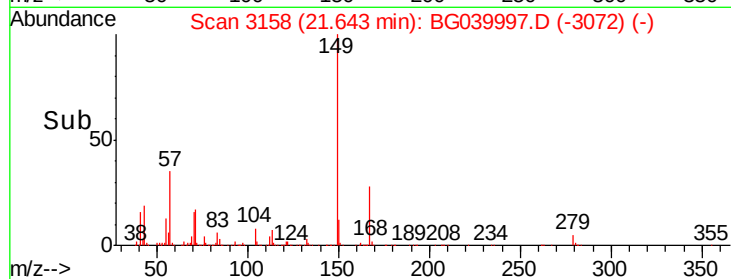
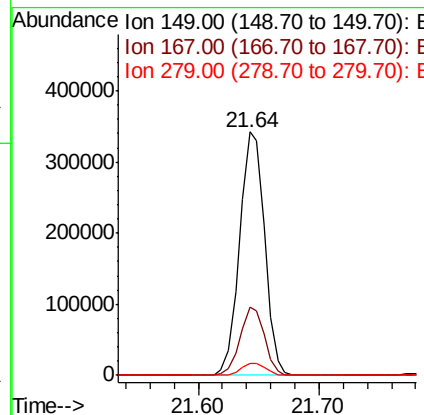
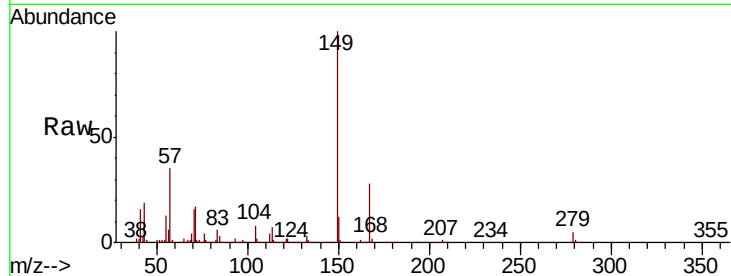




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.060 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG039997.D
 Acq: 19 Mar 2019 9:04

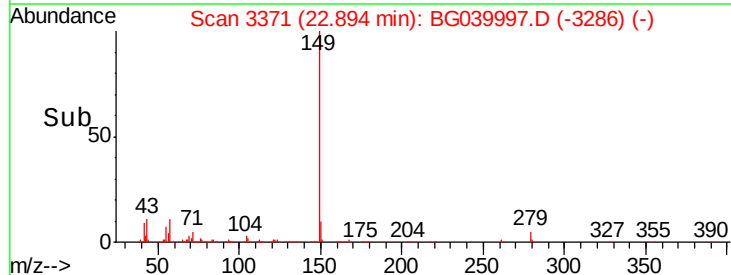
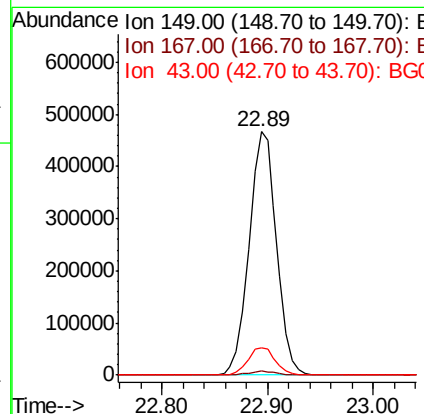
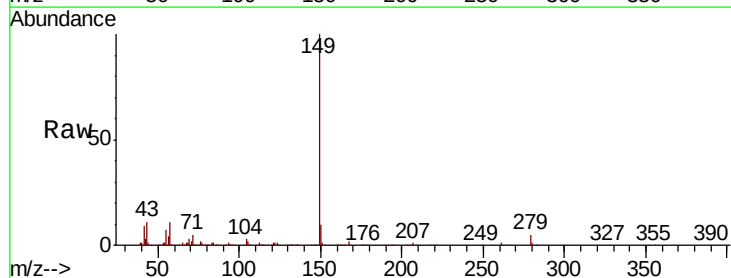
Instrument :
 BNA_G
 ClientSampleId :

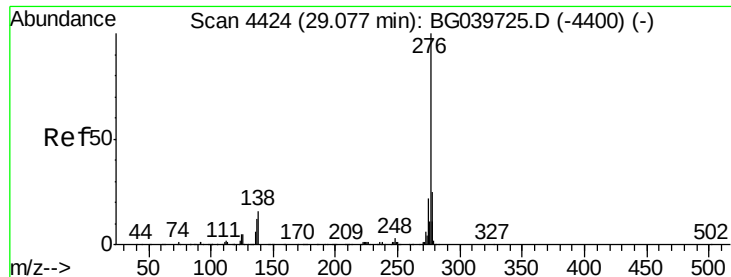
Tot Ion:149 Resp: 494813
 Ion Ratio Lower Upper
 149 100
 167 28.1 22.6 34.0
 279 4.9 3.5 5.3



#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

Tgt Ion:149 Resp: 838151
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 10.2 15.4





#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

Instrument :

BNA_G

ClientSampleId :

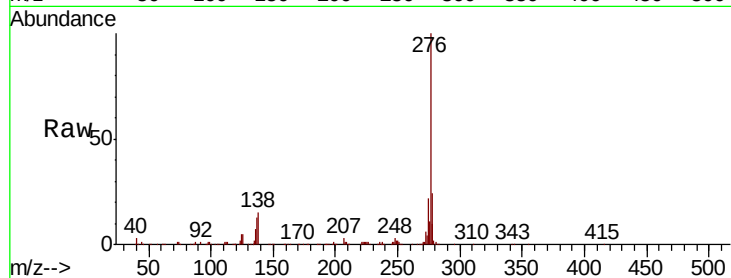
Tot Ion:276 Resp: 896002

Ion Ratio Lower Upper

276 100

138 8.4 12.6 19.0#

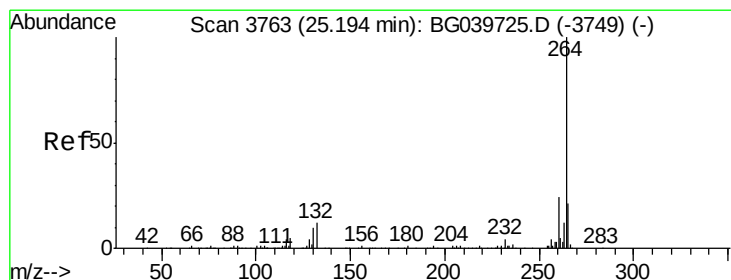
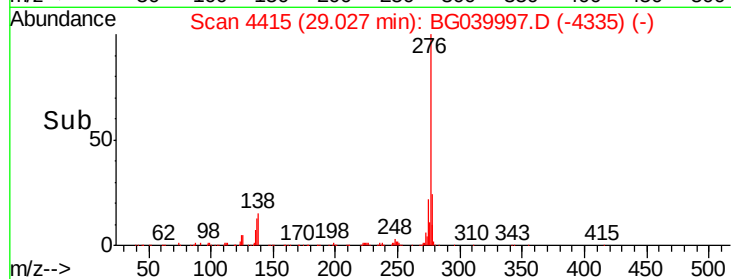
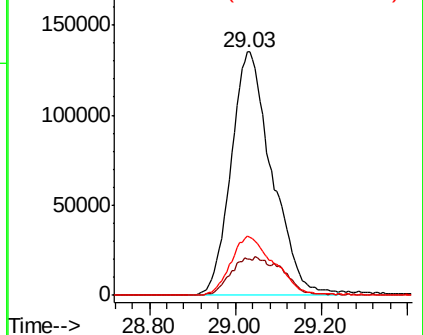
277 25.4 20.8 31.2



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

Perylene-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

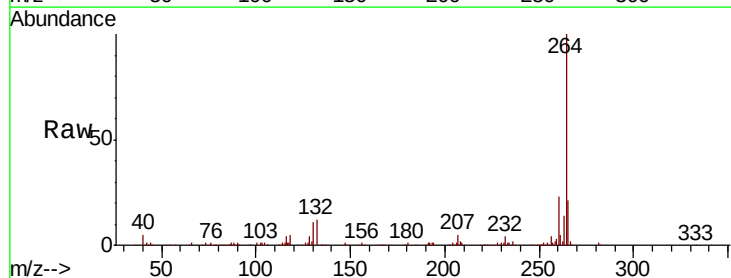
Tgt Ion:264 Resp: 284634

Ion Ratio Lower Upper

264 100

260 22.6 18.2 27.4

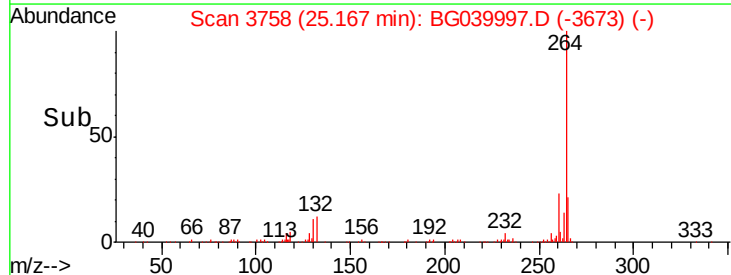
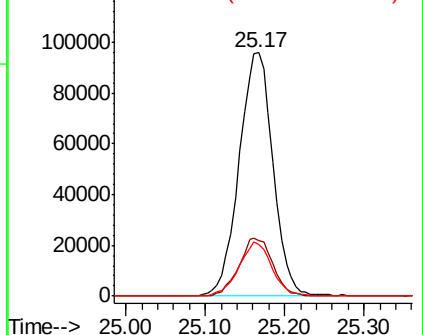
265 21.2 18.5 27.7

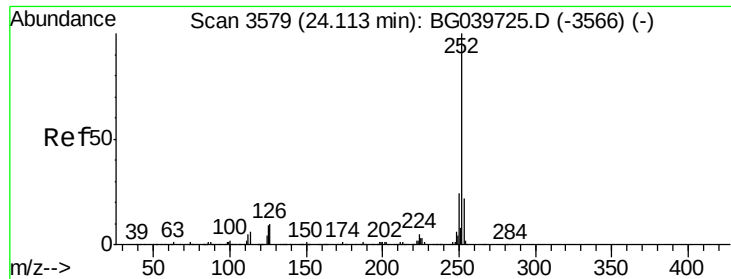


Abundance Ion 264.00 (263.70 to 264.70): E

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

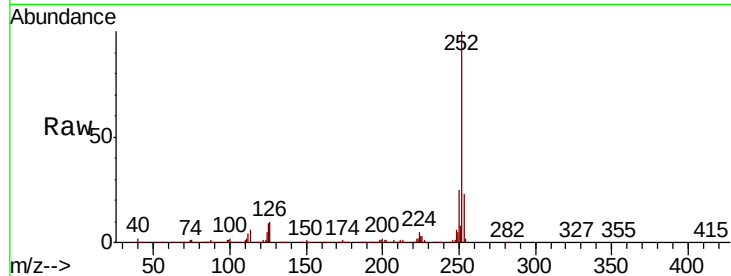
Acq: 19 Mar 2019 9:04

Instrument :

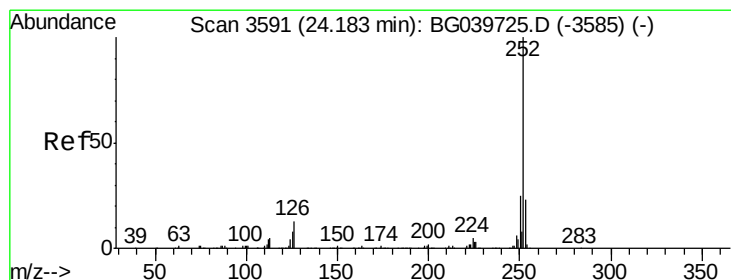
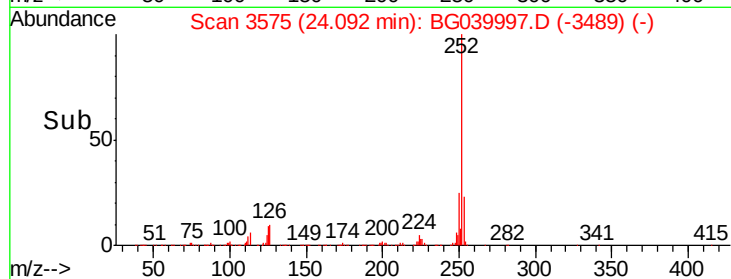
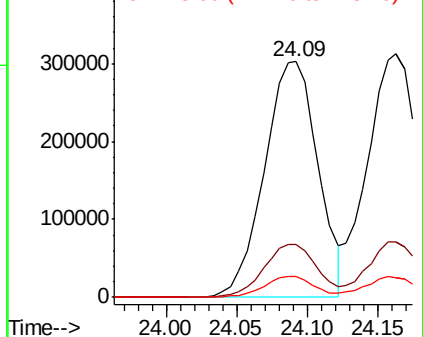
BNA_G

ClientSampleId :

Tot 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

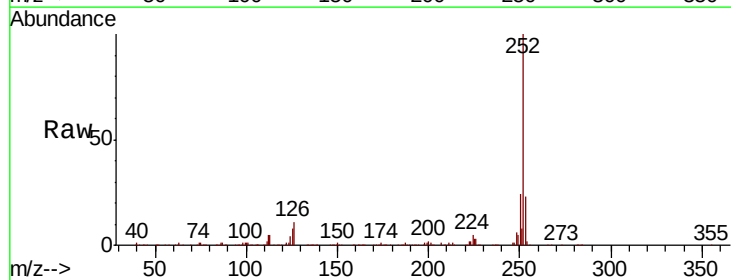
RT: 24.16 min Scan# 3587

Delta R.T. -0.03 min

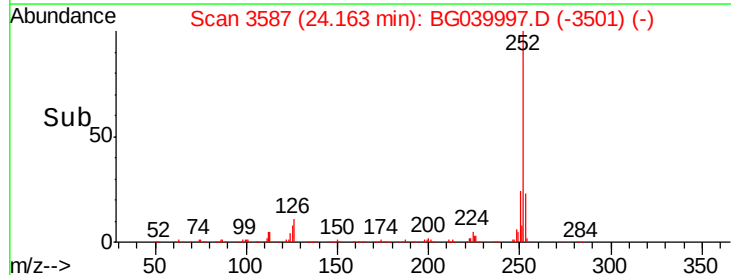
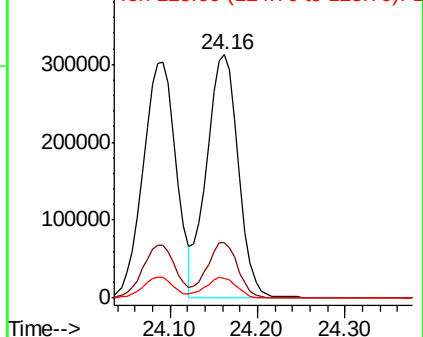
Lab File: BG039997.D

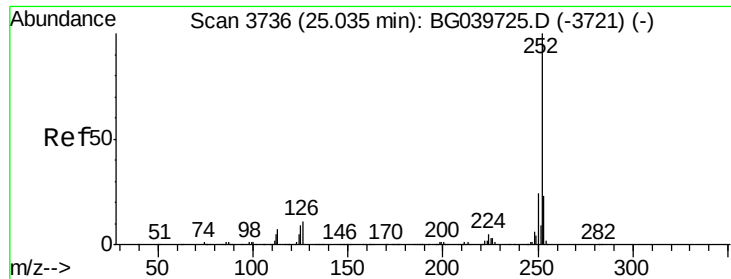
Acq: 19 Mar 2019 9:04

Tgt 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

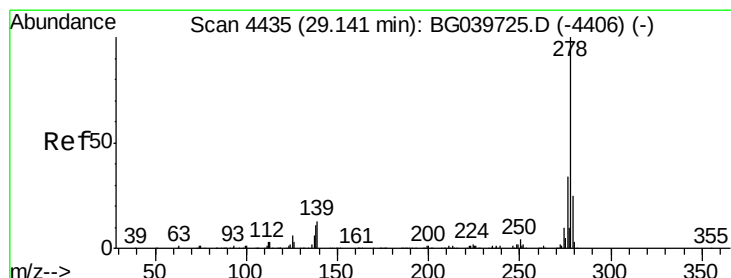
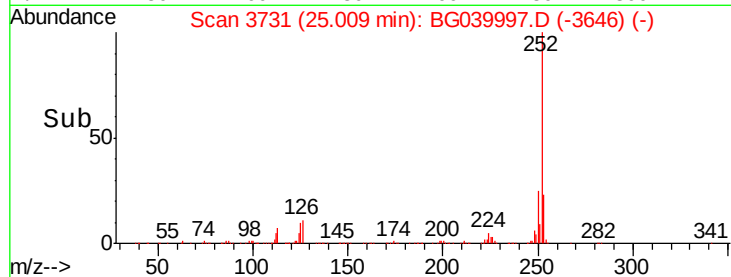
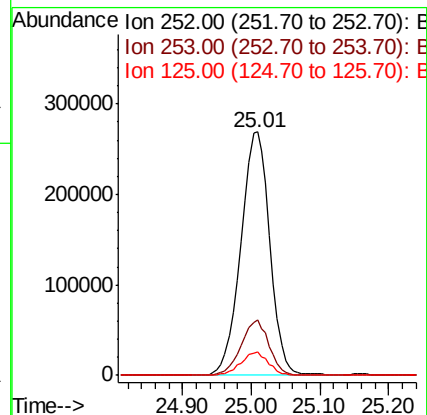
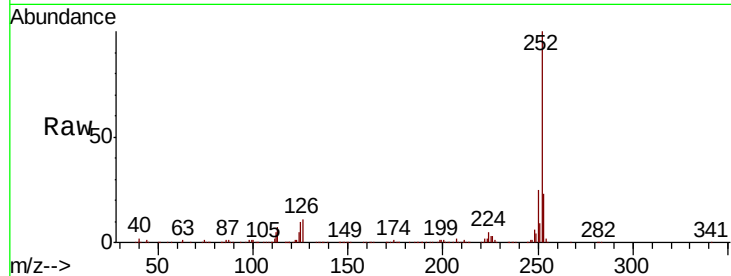




#90
Benzo(a)pyrene
Concen: 50.341 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039997.D
Acq: 19 Mar 2019 9:04

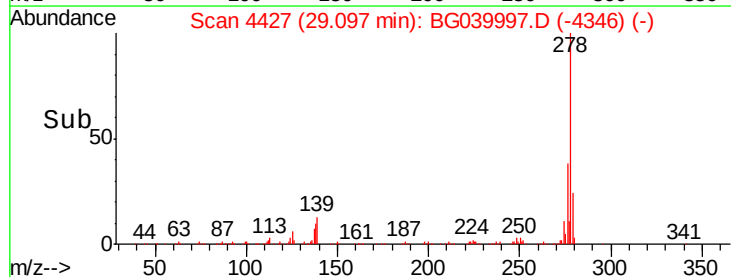
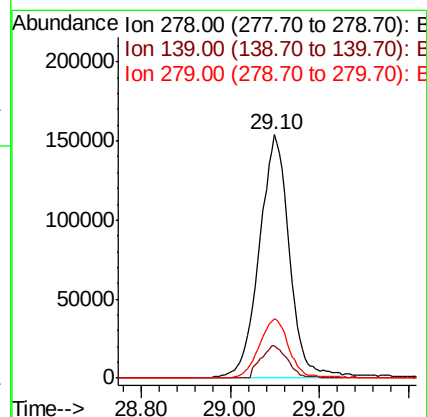
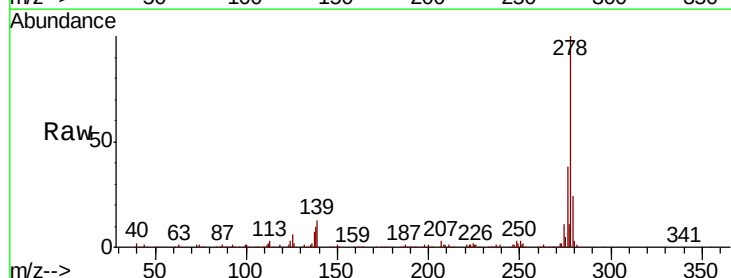
Instrument :
BNA_G
ClientSampleId :

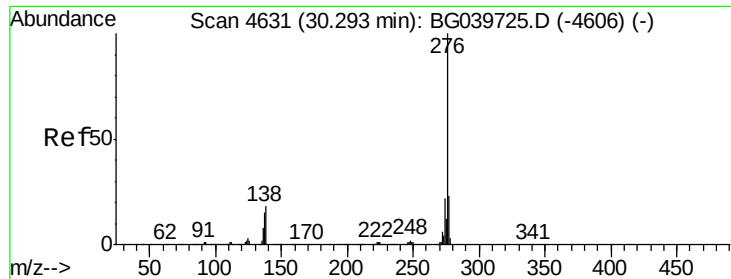
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.5	8.3	12.5



#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

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





#92
 Benzo(a,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

Instrument :
 BNA_G
 ClientSampleId :

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

