

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039996.D
 Acq On : 19 Mar 2019 8:24
 Operator : JU/SJ
 Sample : K1687-08MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 19 11:28:18 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	44583	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	176383	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109268	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	248353	20.00	ng	-0.02
76) Chrysene-d12	21.81	240	262272	20.00	ng	-0.02
87) Perylene-d12	25.17	264	271024	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	369485	141.39	ng	-0.02
7) Phenol-d6	7.30	99	487059	125.00	ng	0.00
23) Nitrobenzene-d5	9.32	82	345323	105.89	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	192238	150.94	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	772974	100.72	ng	-0.02
79) Terphenyl-d14	20.11	244	1158249	97.24	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.59	88	40042	33.189	ng	# 23
3) Pyridine	4.00	79	83176	25.751	ng	96
4) n-Nitrosodimethylamine	3.91	42	67524	44.068	ng	# 98
6) Aniline	7.47	93	45056	8.826	ng	96
8) 2-Chlorophenol	7.71	128	132752	41.872	ng	97
9) Benzaldehyde	7.29	77	39362	15.660	ng	96
10) Phenol	7.33	94	158446	37.535	ng	97
11) bis(2-Chloroethyl)ether	7.57	93	133534	40.573	ng	98
12) 1,3-Dichlorobenzene	8.03	146	146999	40.996	ng	98
13) 1,4-Dichlorobenzene	8.18	146	150821	41.295	ng	99
14) 1,2-Dichlorobenzene	8.50	146	143342	40.620	ng	100
15) Benzyl Alcohol	8.39	79	128316	41.513	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	284948	43.289	ng	98
17) 2-Methylphenol	8.58	107	111750	41.518	ng	99
18) Hexachloroethane	9.23	117	54840	41.846	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	108676	38.748	ng	96
20) 3+4-Methylphenols	8.91	107	152909	40.893	ng	96
22) Acetophenone	8.98	105	208008	43.939	ng	# 99
24) Nitrobenzene	9.37	77	165469	48.364	ng	97
25) Isophorone	9.88	82	305385	44.690	ng	99
26) 2-Nitrophenol	10.08	139	77632	46.996	ng	# 92
27) 2,4-Dimethylphenol	10.12	122	134838	52.484	ng	95
28) bis(2-Chloroethoxy)methane	10.36	93	184858	44.515	ng	95
29) 2,4-Dichlorophenol	10.61	162	139509	48.231	ng	96
30) 1,2,4-Trichlorobenzene	10.82	180	150844	46.344	ng	99
31) Naphthalene	11.02	128	431020	46.154	ng	98
32) Benzoic acid	10.25	122	52082	32.065	ng	98
33) 4-Chloroaniline	11.14	127	7643	1.930	ng	94
34) Hexachlorobutadiene	11.27	225	103274	46.432	ng	95
35) Caprolactam	11.91	113	26189	23.702	ng	99
36) 4-Chloro-3-methylphenol	12.24	107	150664	45.438	ng	97
37) 2-Methylnaphthalene	12.61	142	315685	45.215	ng	99
38) 1-Methylnaphthalene	12.83	142	302016	44.512	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	176516	47.685	ng	99

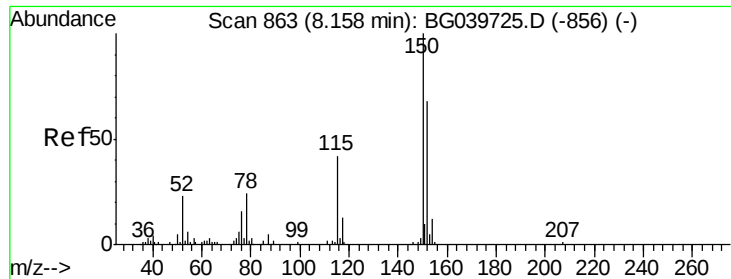
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	228972	115.423	ng	99
43) 2,4,6-Trichlorophenol	13.21	196	115053	53.088	ng	99
44) 2,4,5-Trichlorophenol	13.28	196	122399	50.106	ng	97
46) 1,1'-Biphenyl	13.61	154	420677	46.809	ng	99
47) 2-Chloronaphthalene	13.66	162	322907	47.761	ng	98
48) 2-Nitroaniline	13.86	65	108574	49.971	ng	96
49) Acenaphthylene	14.50	152	508634	45.828	ng	99
50) Dimethylphthalate	14.22	163	415244	45.447	ng	100
51) 2,6-Dinitrotoluene	14.35	165	91744	47.365	ng	99
52) Acenaphthene	14.84	154	311876	46.687	ng	98
53) 3-Nitroaniline	14.69	138	21730	11.160	ng	# 91
54) 2,4-Dinitrophenol	14.89	184	49270	42.941	ng	98
55) Dibenzofuran	15.17	168	500818	45.695	ng	98
56) 4-Nitrophenol	14.99	139	130523	74.936	ng	93
57) 2,4-Dinitrotoluene	15.13	165	126069	46.320	ng	93
58) Fluorene	15.81	166	392730	45.581	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	113995	47.782	ng	100
60) Diethylphthalate	15.57	149	409273	45.249	ng	99
61) 4-Chlorophenyl-phenylether	15.80	204	207744	45.184	ng	99
62) 4-Nitroaniline	15.85	138	88284	41.824	ng	96
63) Azobenzene	16.09	77	386878	47.186	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	51268	34.913	ng	95
66) n-Nitrosodiphenylamine	16.02	169	353183	49.122	ng	100
67) 4-Bromophenyl-phenylether	16.70	248	133089	47.875	ng	96
68) Hexachlorobenzene	16.81	284	137307	47.650	ng	97
69) Atrazine	16.96	200	133251	47.091	ng	97
70) Pentachlorophenol	17.16	266	144384	79.338	ng	98
71) Phenanthrene	17.56	178	638681	46.689	ng	99
72) Anthracene	17.65	178	645266	48.405	ng	99
73) Carbazole	17.92	167	569678	47.403	ng	98
74) Di-n-butylphthalate	18.45	149	683342	48.328	ng	100
75) Fluoranthene	19.56	202	773813	47.864	ng	98
77) Benzidine	19.74	184	35601	4.278	ng	96
78) Pyrene	19.92	202	790675	46.394	ng	100
80) Butylbenzylphthalate	20.78	149	335451	50.805	ng	98
81) Benzo(a)anthracene	21.78	228	766606	46.638	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	84065	14.008	ng	97
83) Chrysene	21.85	228	733336	46.019	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	467268	50.361	ng	99
85) Di-n-octyl phthalate	22.90	149	794239	51.698	ng	97
86) Indeno(1,2,3-cd)pyrene	29.03	276	859054	47.519	ng	98
88) Benzo(b)fluoranthene	24.09	252	759538	46.996	ng	98
89) Benzo(k)fluoranthene	24.16	252	756917	50.313	ng	98
90) Benzo(a)pyrene	25.01	252	754579	50.527	ng	98
91) Dibenzo(a,h)anthracene	29.10	278	702034	47.950	ng	97
92) Benzo(g,h,i)perylene	30.25	276	699028	47.539	ng	98

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

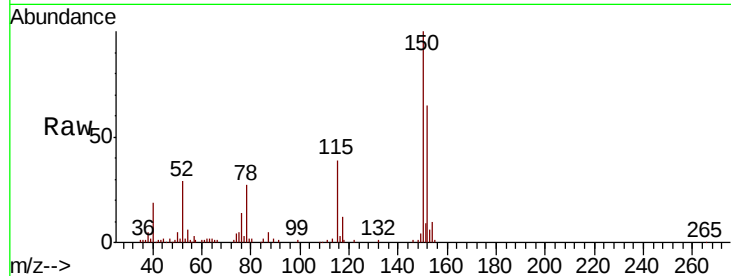


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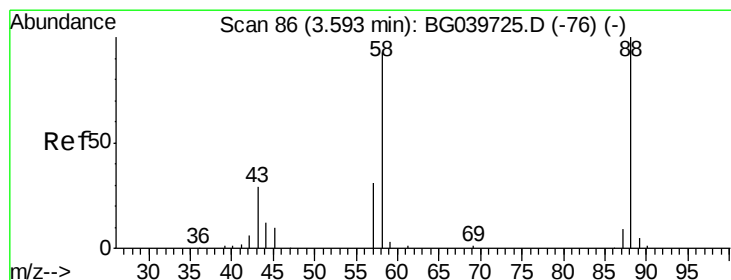
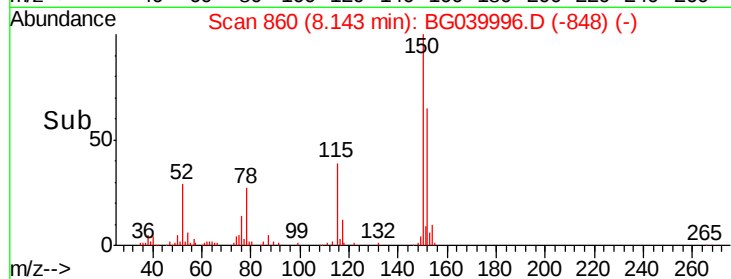
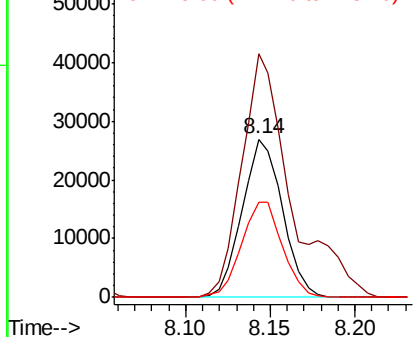
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 44583
Ion Ratio Lower Upper
152 100
150 153.8 123.7 185.5
115 59.9 45.9 68.9



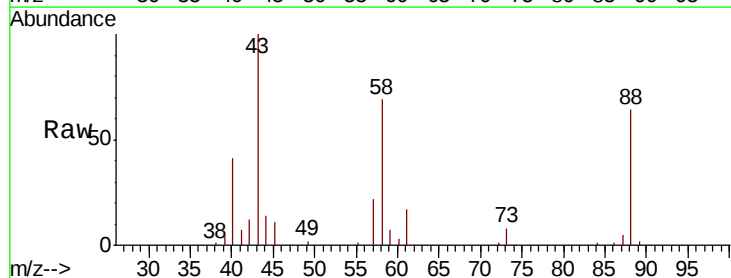
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



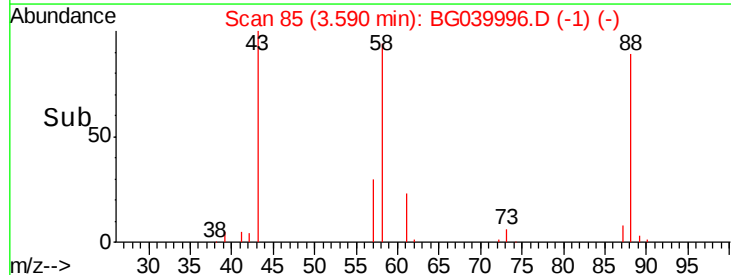
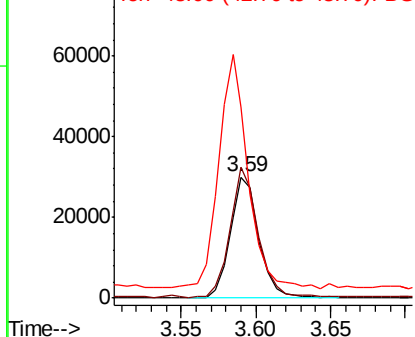
#2

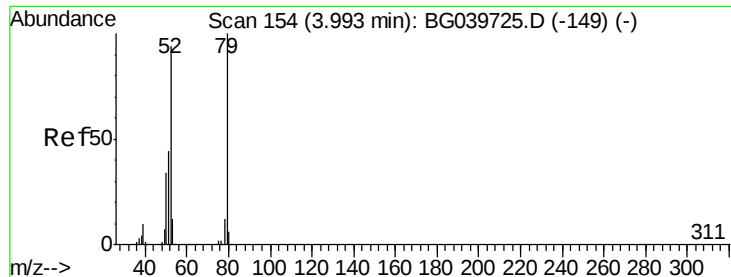
1,4-Dioxane
Concen: 33.189 ng
RT: 3.59 min Scan# 85
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion: 88 Resp: 40042
Ion Ratio Lower Upper
88 100
58 107.2 81.1 121.7
43 198.1 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: 25.751 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

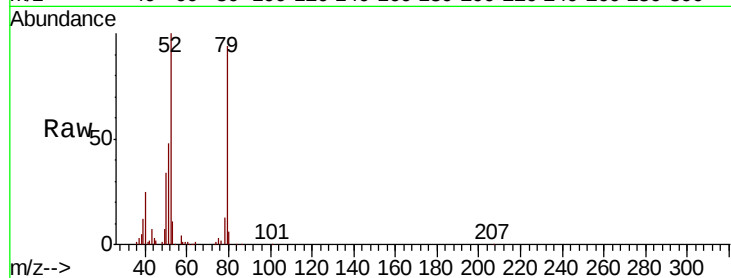
Tot Ion: 79 Resp: 83176

Ion Ratio Lower Upper

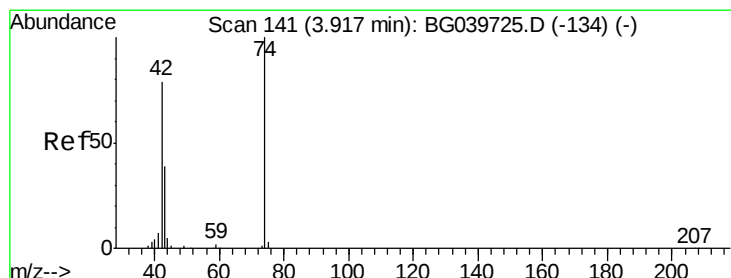
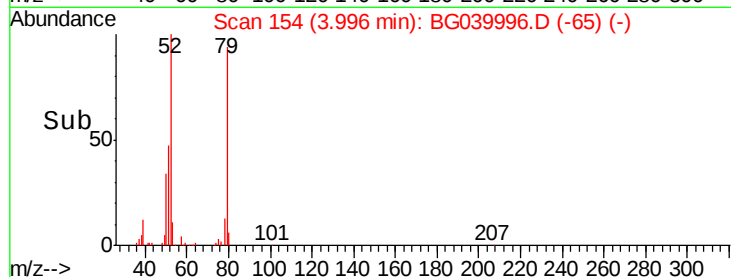
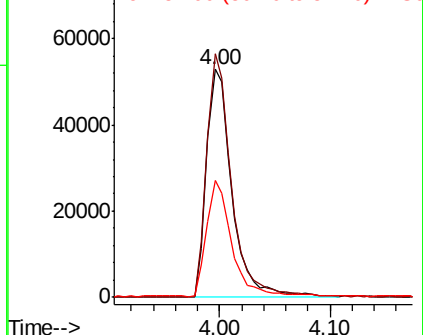
79 100

52 106.9 82.6 124.0

51 51.1 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: 44.068 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

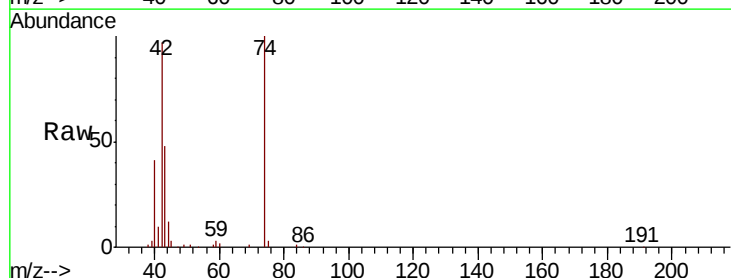
Tgt Ion: 42 Resp: 67524

Ion Ratio Lower Upper

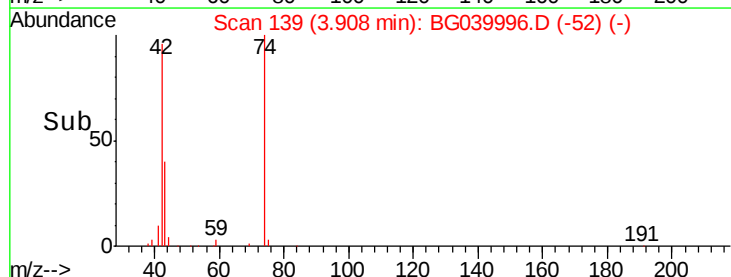
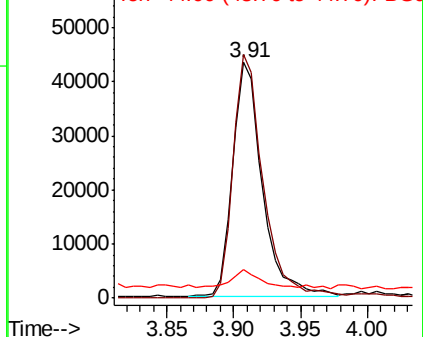
42 100

74 103.4 83.6 125.4

44 12.2 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: 141.387 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

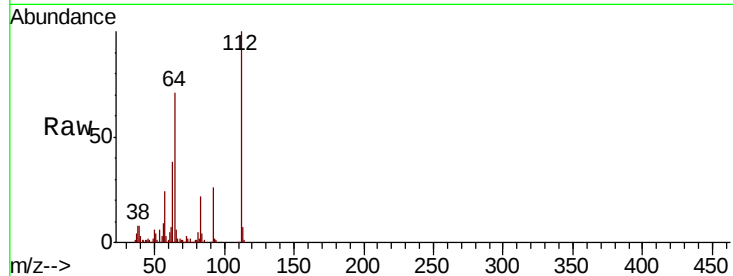
Tot Ion:112 Resp: 369485

Ion Ratio Lower Upper

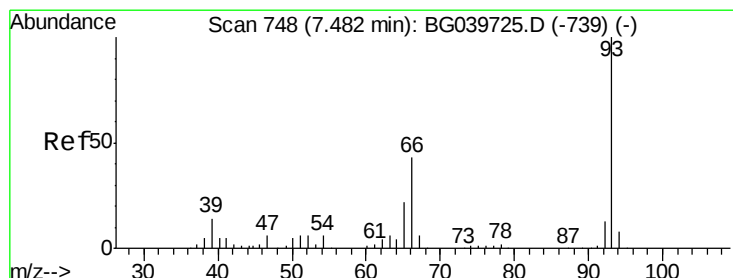
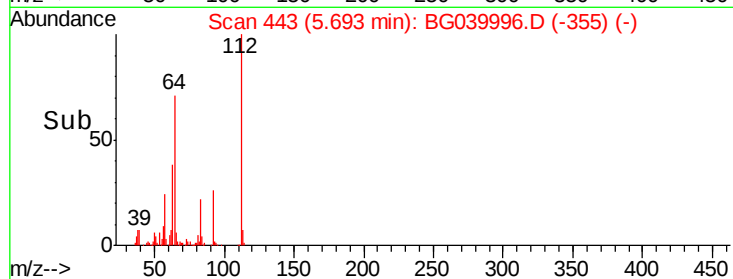
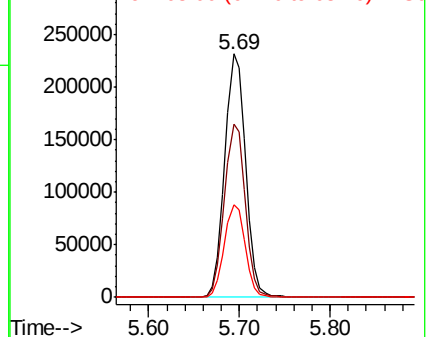
112 100

64 71.2 57.8 86.8

63 38.2 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: 8.826 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

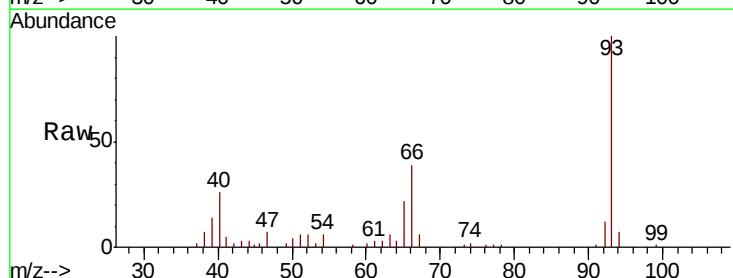
Tgt Ion: 93 Resp: 45056

Ion Ratio Lower Upper

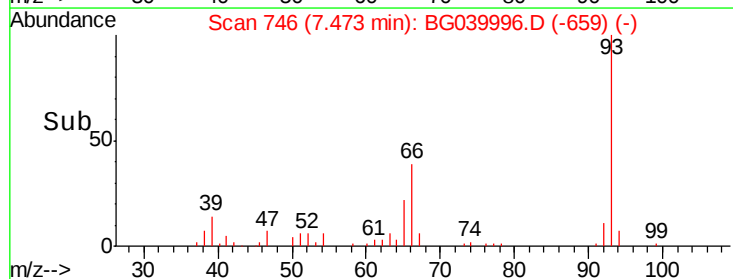
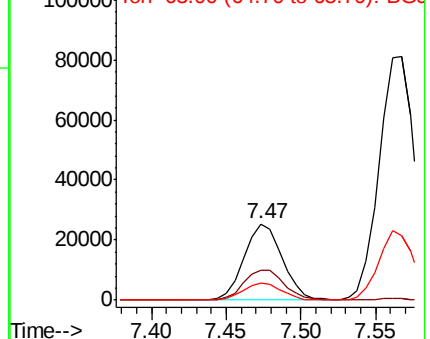
93 100

66 39.3 34.2 51.4

65 22.4 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: 124.997 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

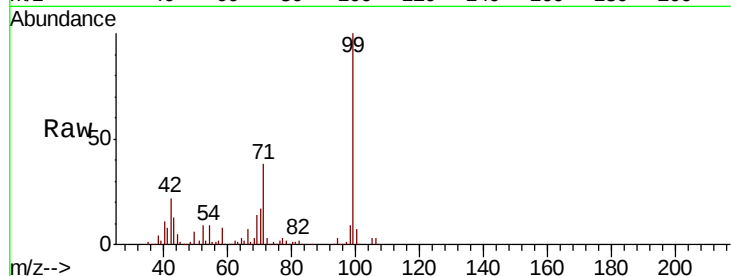
Tot Ion: 99 Resp: 487059

Ion Ratio Lower Upper

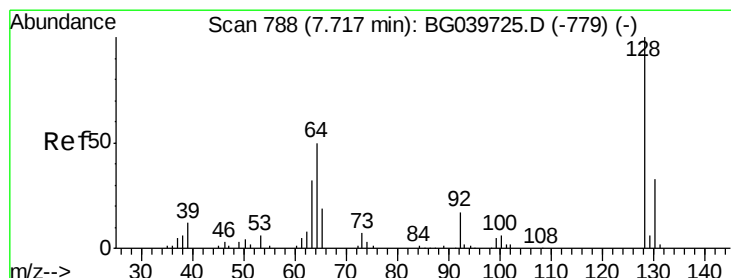
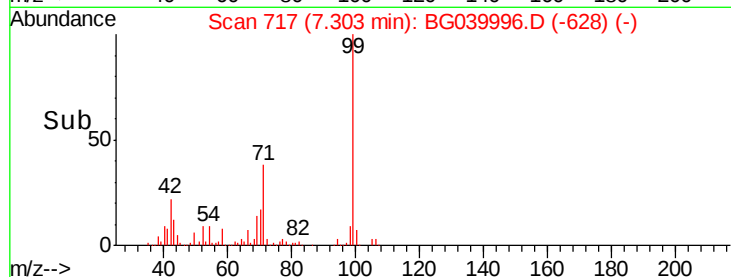
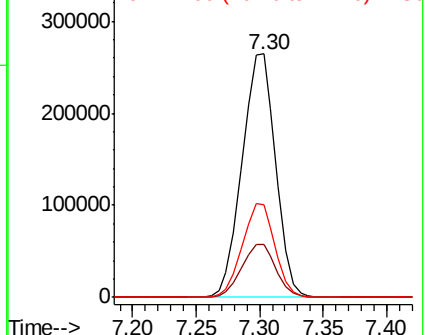
99 100

42 21.8 18.2 27.2

71 38.0 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: 41.872 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

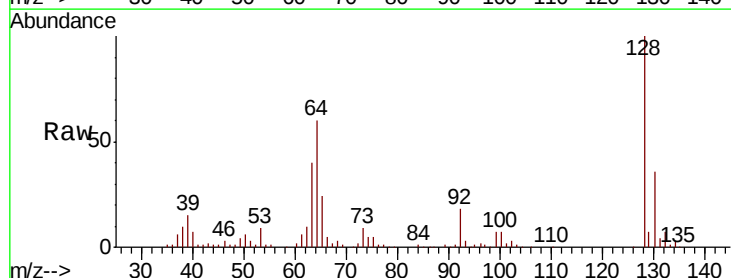
Tgt Ion: 128 Resp: 132752

Ion Ratio Lower Upper

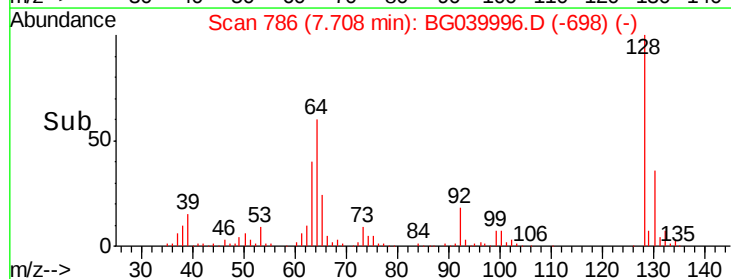
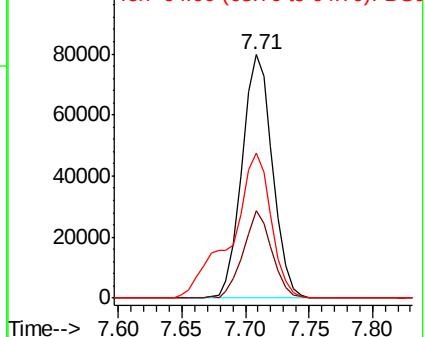
128 100

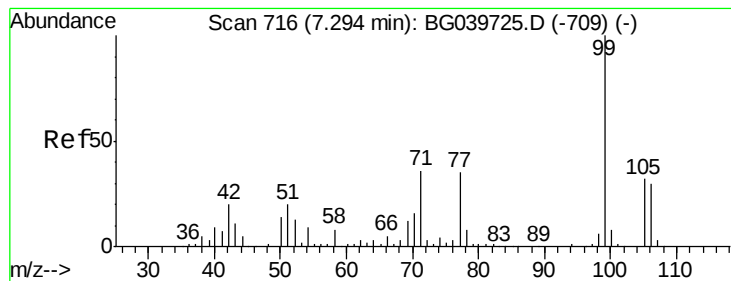
130 36.0 12.9 52.9

64 59.7 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: 15.660 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampled :

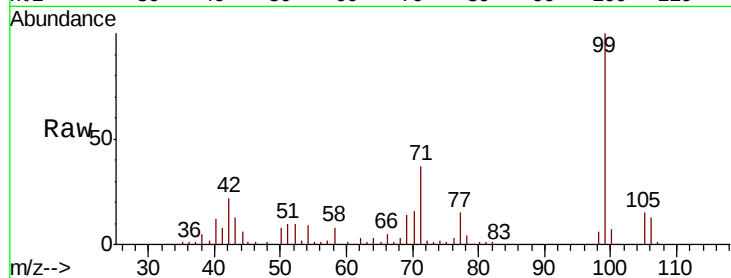
Tot Ion: 77 Resp: 39362

Ion Ratio Lower Upper

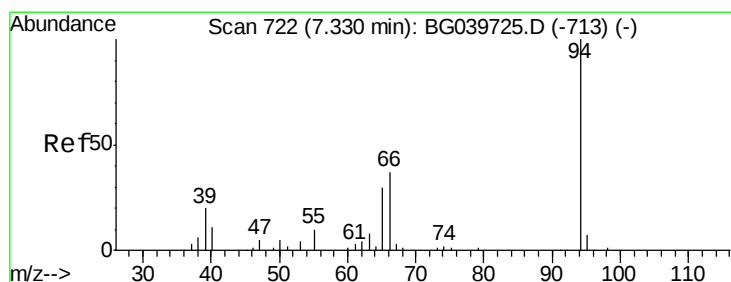
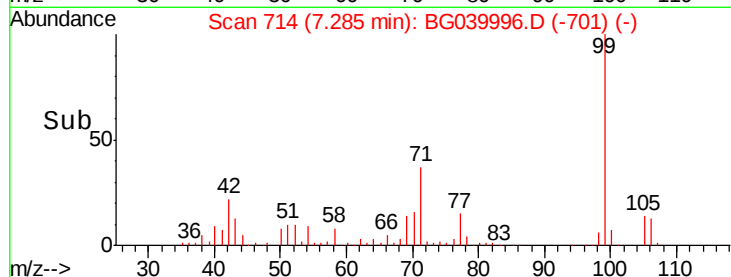
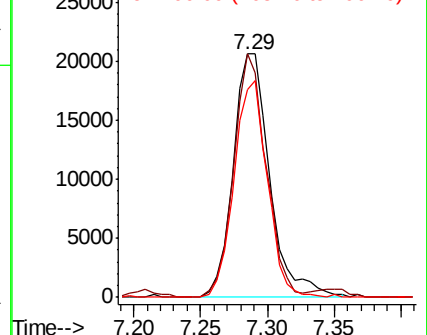
77 100

105 100.1 74.5 114.5

106 85.3 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: 37.535 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

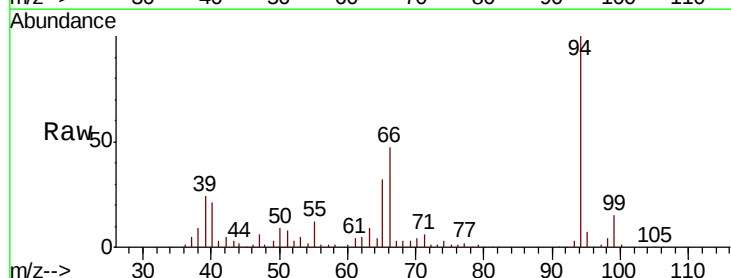
Tgt Ion: 94 Resp: 158446

Ion Ratio Lower Upper

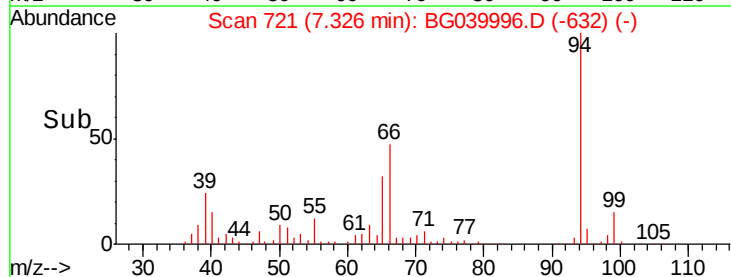
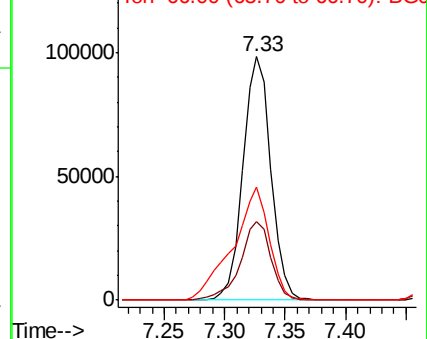
94 100

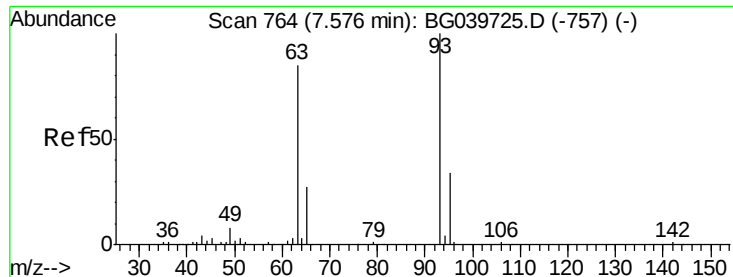
65 32.1 11.7 51.7

66 46.6 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

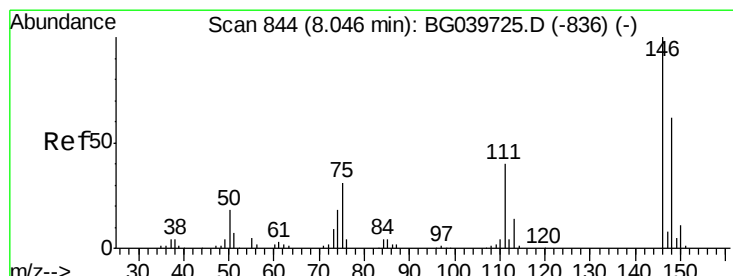
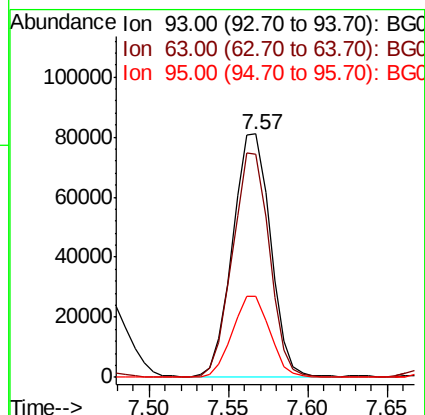
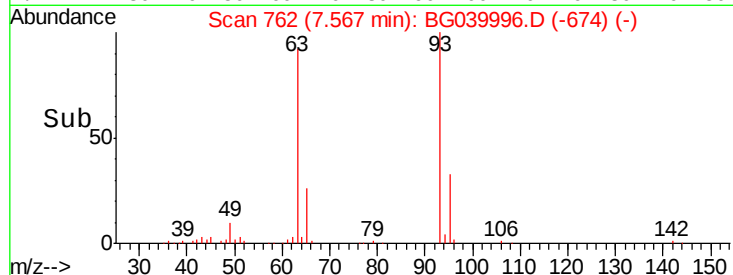
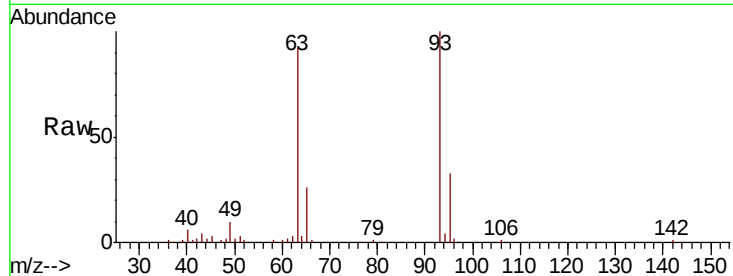




#11
 bis(2-Chloroethyl)ether
 Concen: 40.573 ng
 RT: 7.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

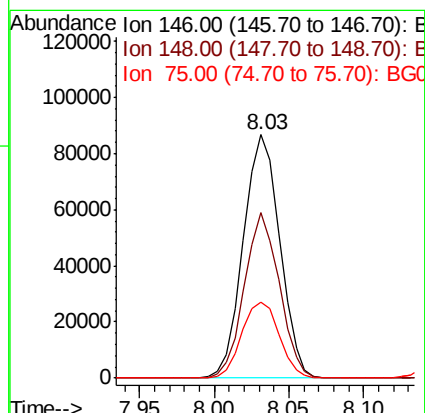
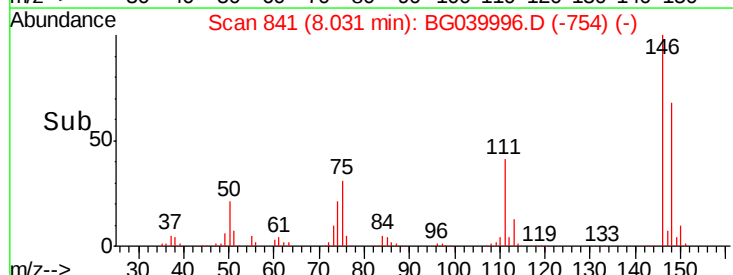
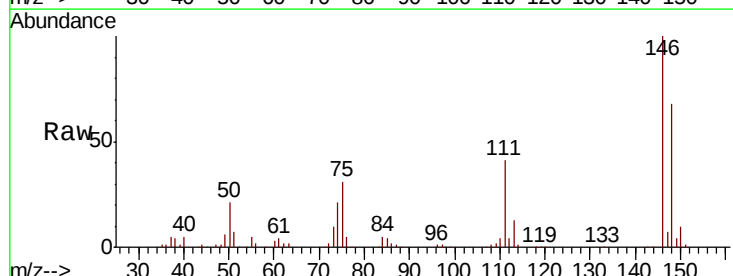
Instrument :
 BNA_G
 ClientSampled :

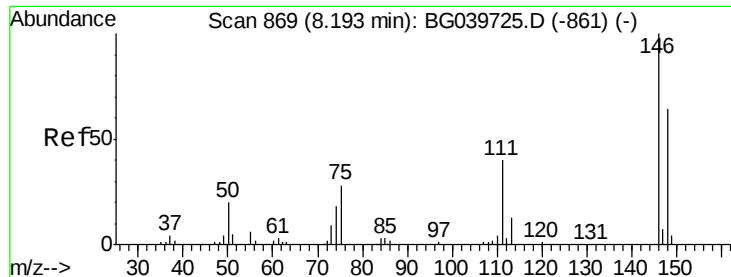
Tot Ion: 93 Resp: 133534
 Ion Ratio Lower Upper
 93 100
 63 91.5 69.5 109.5
 95 33.4 12.7 52.7



#12
 1,3-Dichlorobenzene
 Concen: 40.996 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion: 146 Resp: 146999
 Ion Ratio Lower Upper
 146 100
 148 67.7 52.6 79.0
 75 31.4 25.8 38.6

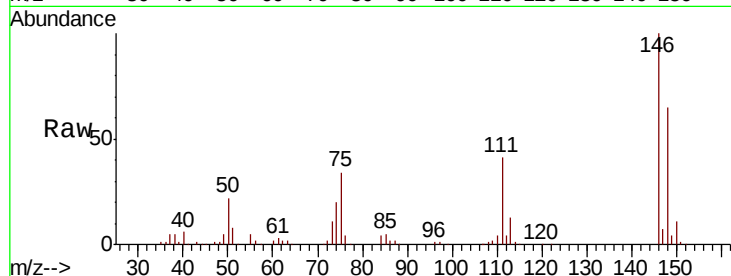




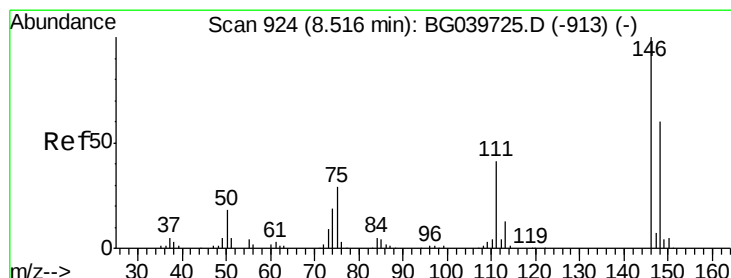
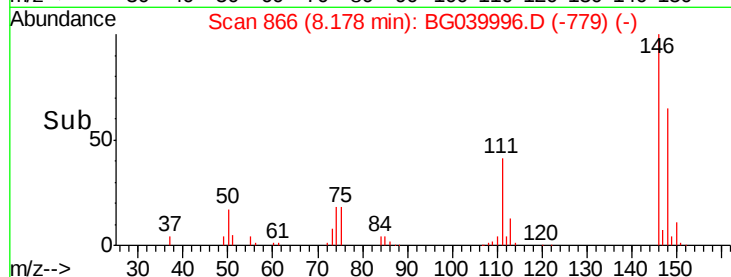
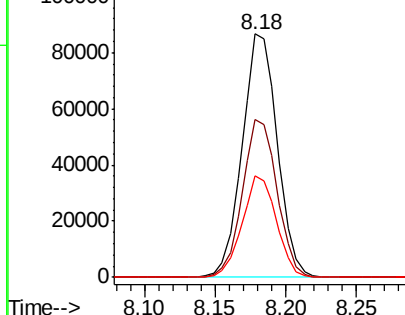
#13
 1,4-Dichlorobenzene
 Concen: 41.295 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 150821
 Ion Ratio Lower Upper
 146 100
 148 64.7 51.1 76.7
 111 41.4 32.6 48.8

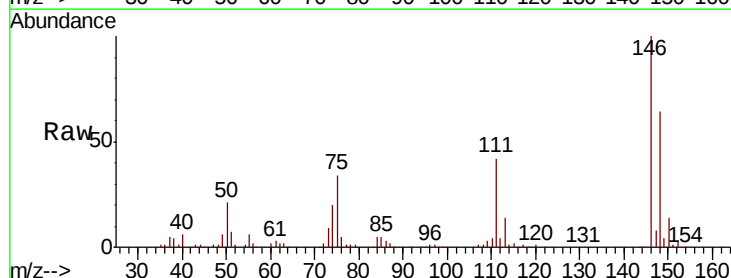


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

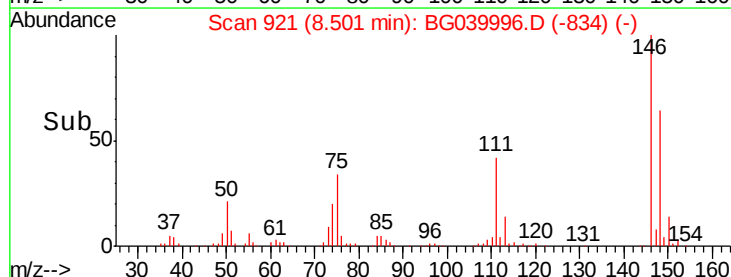
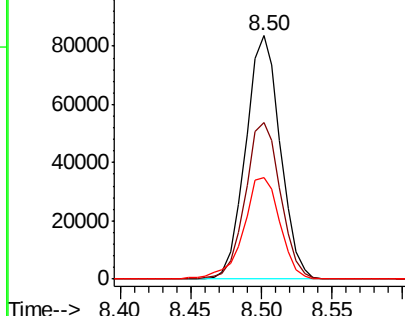


#14
 1,2-Dichlorobenzene
 Concen: 40.620 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:146 Resp: 143342
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.5 77.3
 111 41.9 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.513 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampled :

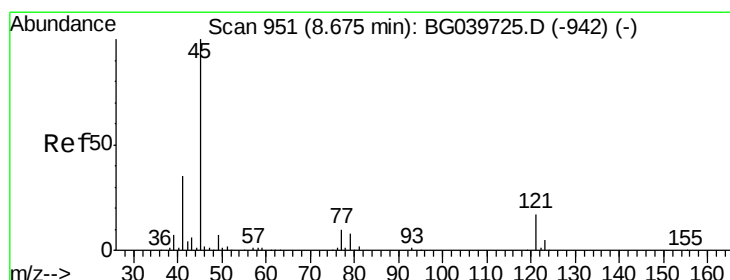
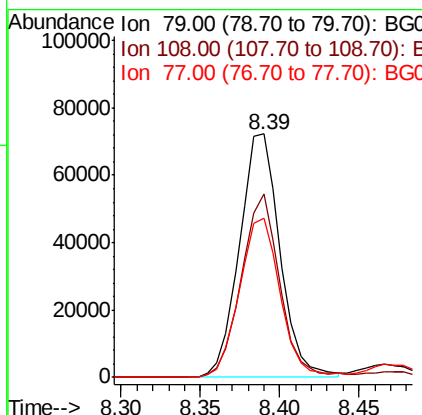
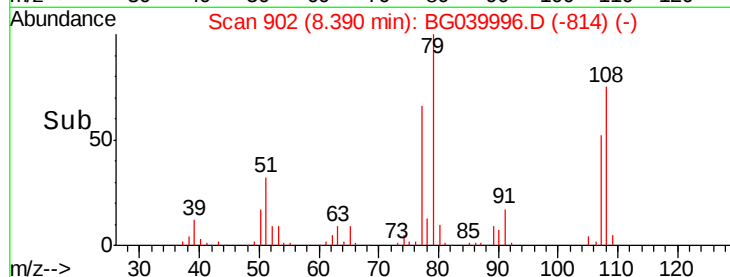
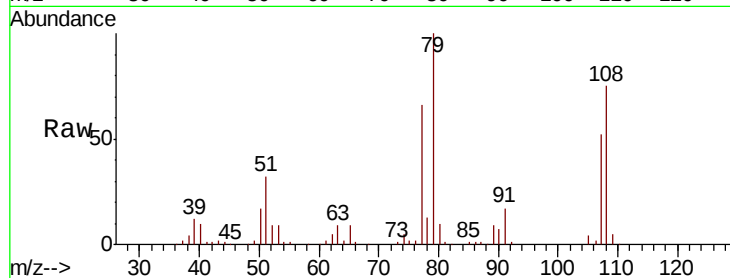
Tot Ion: 79 Resp: 128316

Ion Ratio Lower Upper

79 100

108 75.1 57.8 86.6

77 65.6 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.289 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

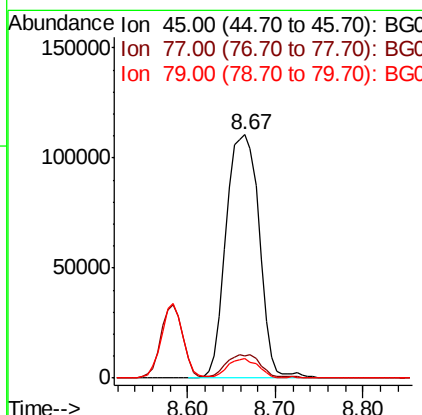
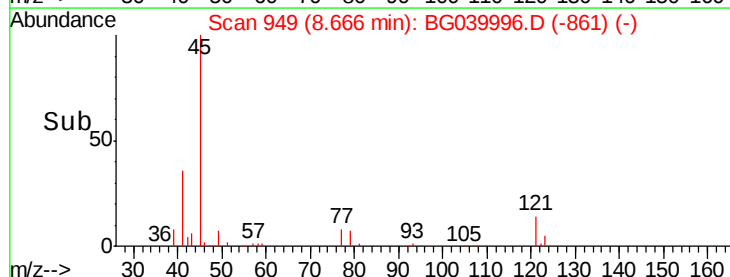
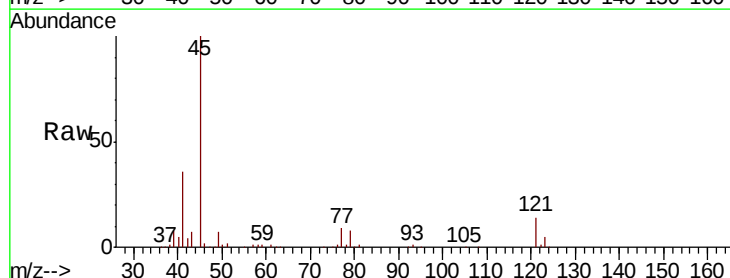
Tgt Ion: 45 Resp: 284948

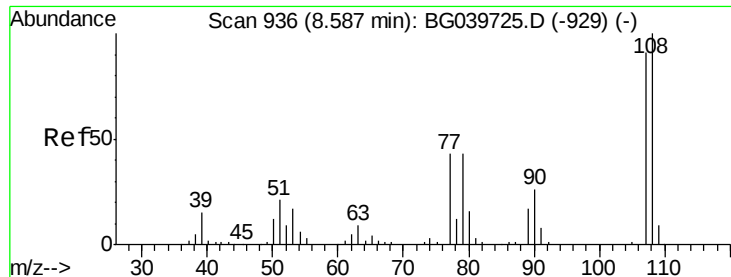
Ion Ratio Lower Upper

45 100

77 9.2 0.0 30.0

79 7.9 0.0 27.5





#17

2-Methylphenol

Concen: 41.518 ng

RT: 8.58 min Scan# 935

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 111750

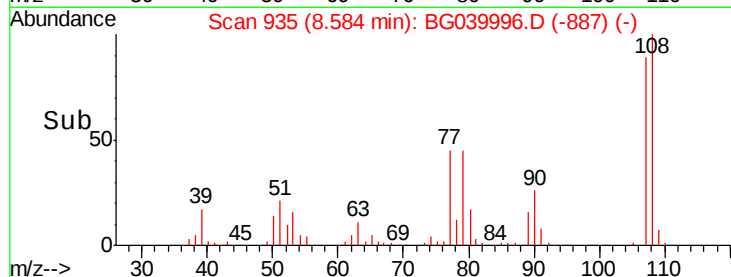
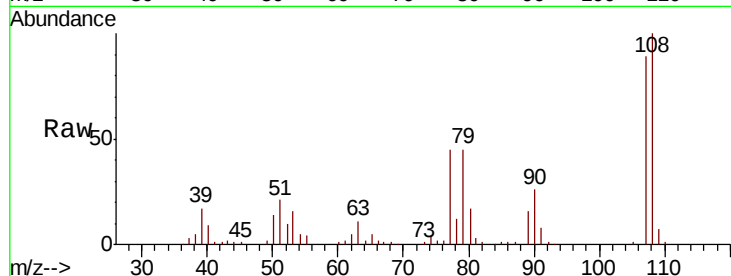
Ion Ratio Lower Upper

107 100

108 112.2 90.8 136.2

77 50.4 40.7 61.1

79 50.9 40.6 60.8

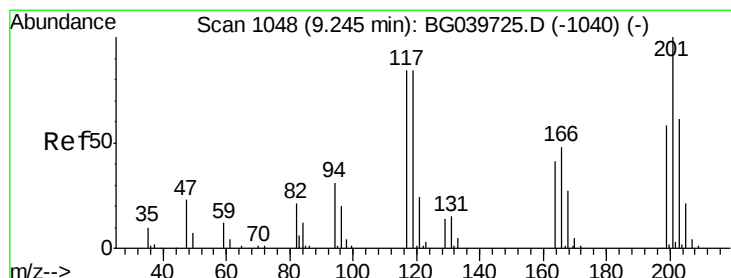
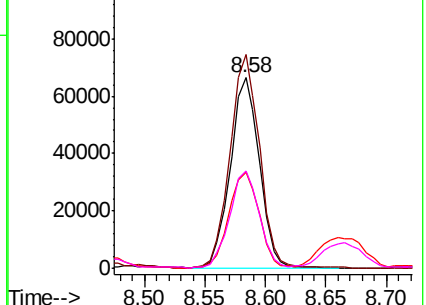


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.846 ng

RT: 9.23 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

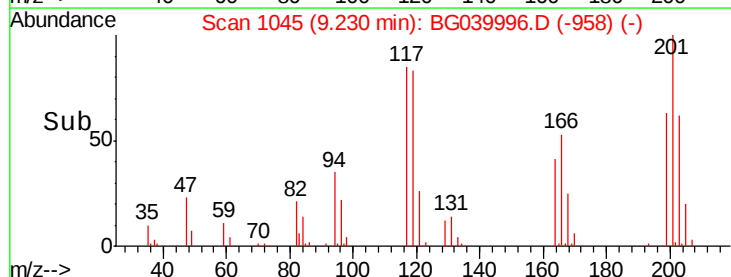
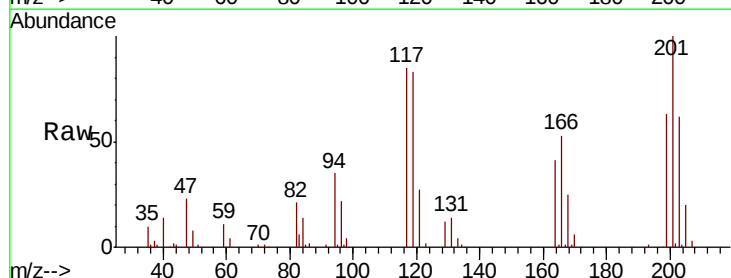
Tgt Ion:117 Resp: 54840

Ion Ratio Lower Upper

117 100

119 97.8 76.3 114.5

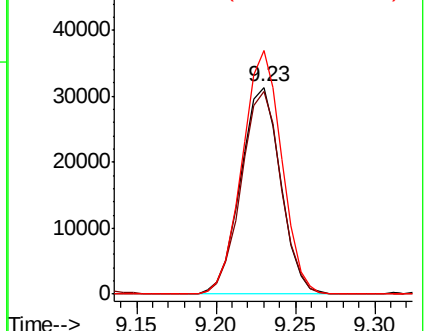
201 117.9 91.1 136.7

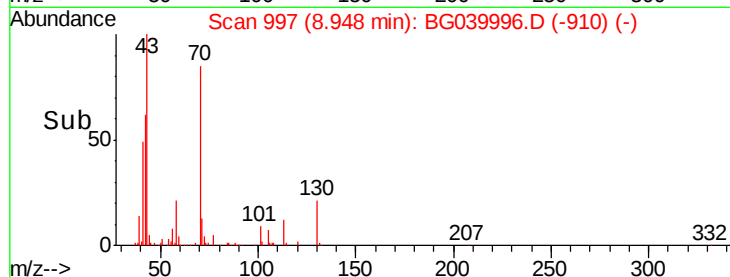
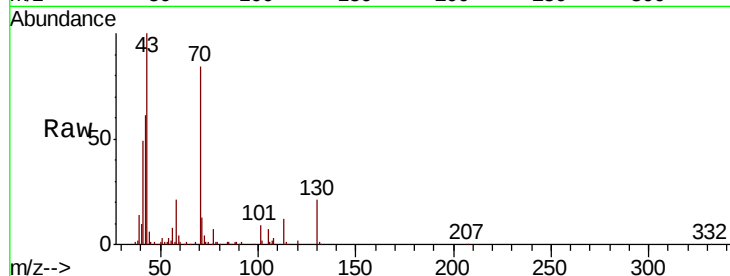
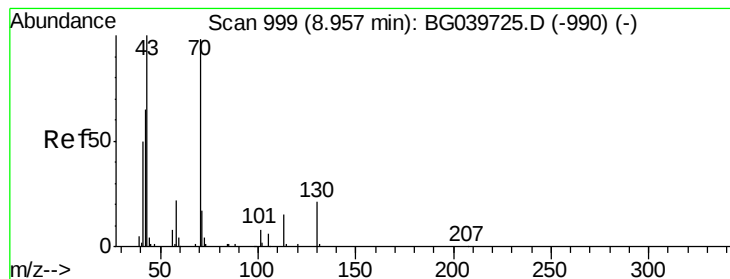


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.748 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 108676

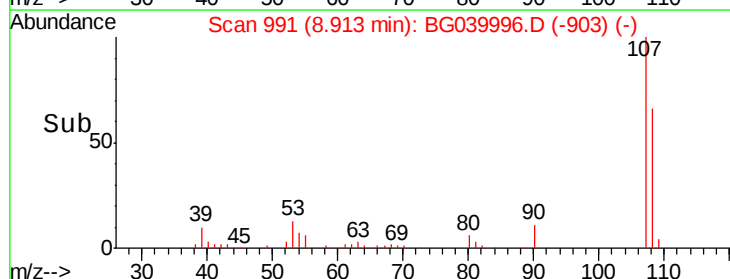
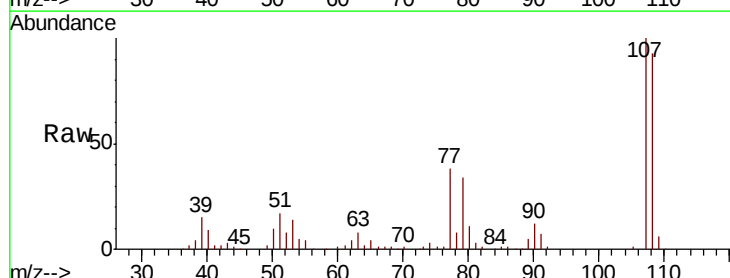
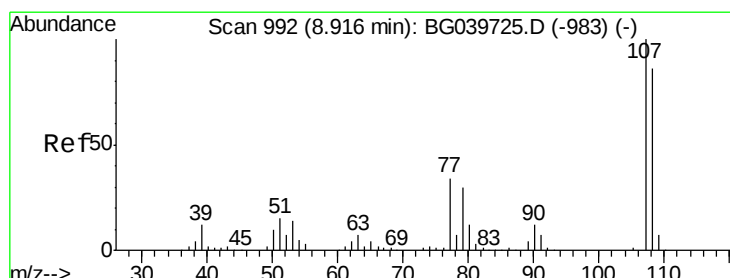
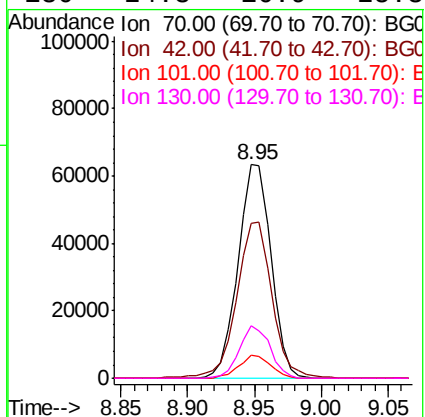
Ion Ratio Lower Upper

70 100

42 72.7 60.4 90.6

101 10.6 7.5 11.3

130 24.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.893 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion: 107 Resp: 152909

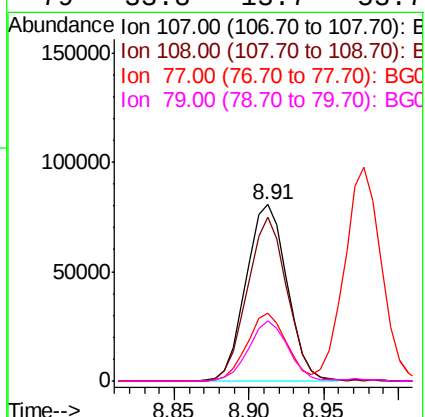
Ion Ratio Lower Upper

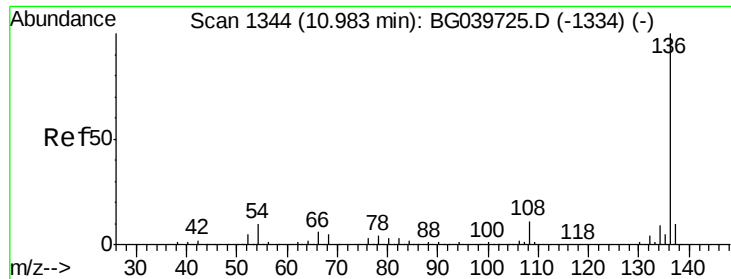
107 100

108 92.9 67.9 107.9

77 38.1 15.4 55.4

79 33.8 13.7 53.7

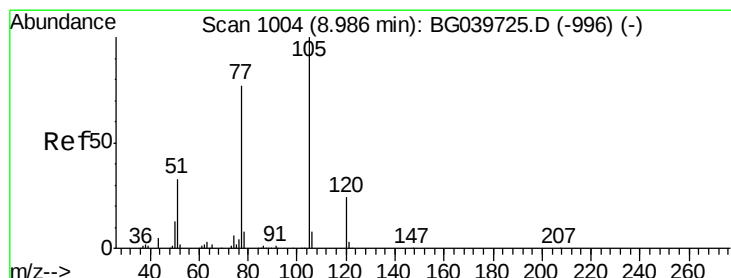
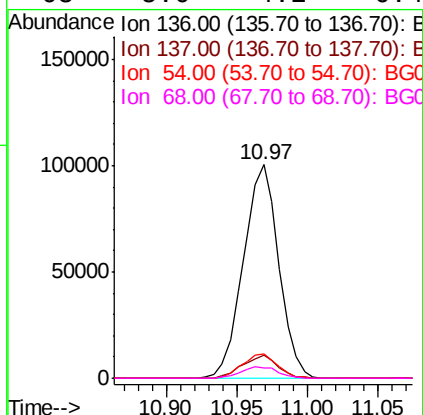
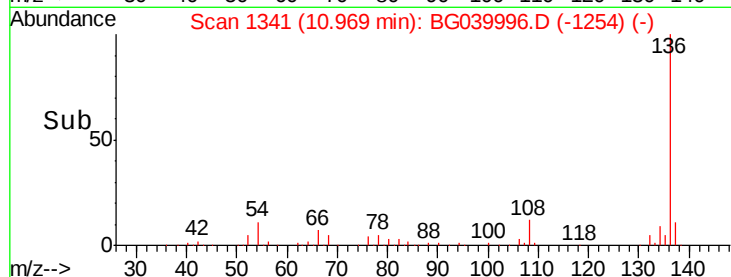
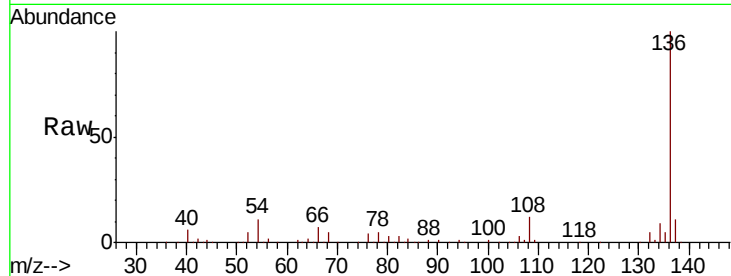




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

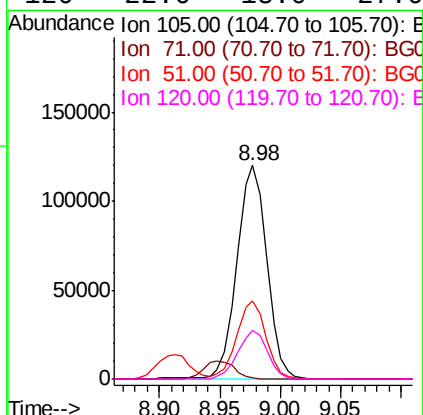
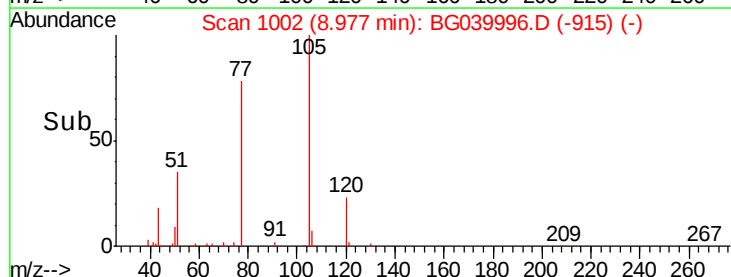
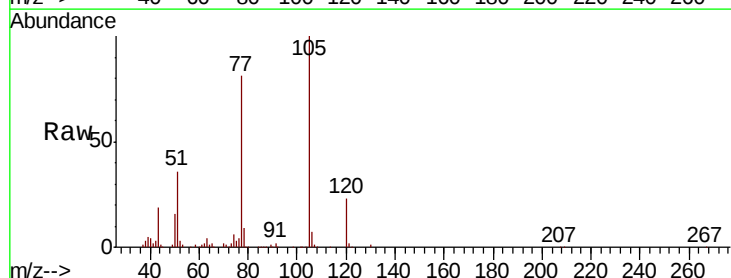
Instrument :
BNA_G
ClientSampleId :

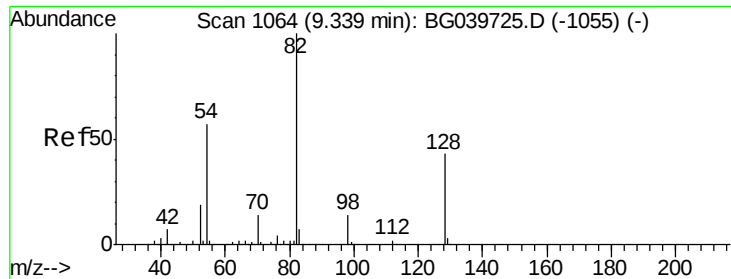
Tot Ion:136	Resp:	176383
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.1 13.7
54	11.4	9.4 14.2
68	5.0	4.2 6.4



#22
Acetophenone
Concen: 43.939 ng
RT: 8.98 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:105	Resp:	208008
Ion Ratio	Lower	Upper
105	100	
71	0.7	0.8 1.2#
51	36.5	30.2 45.2
120	22.6	18.0 27.0

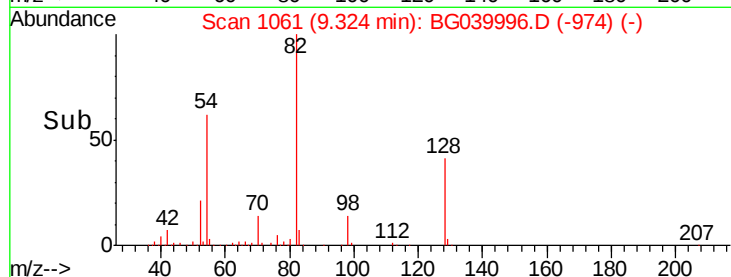
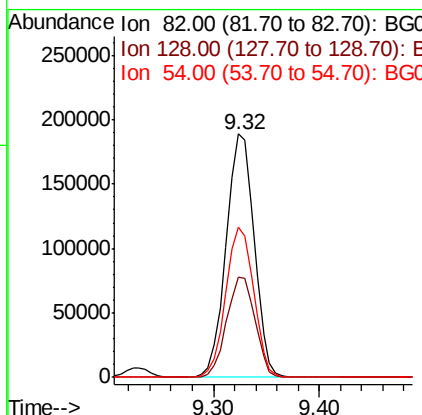
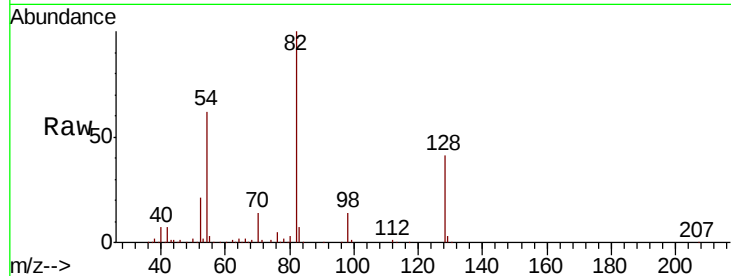




#23
 Nitrobenzene-d5
 Concen: 105.886 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

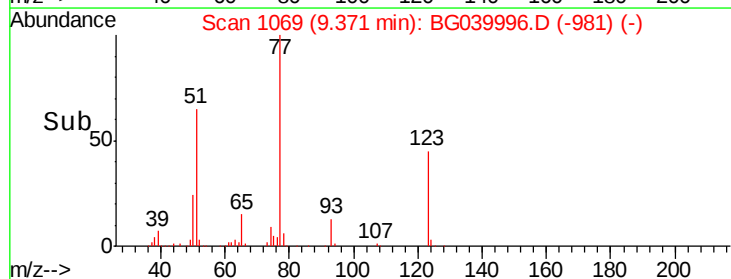
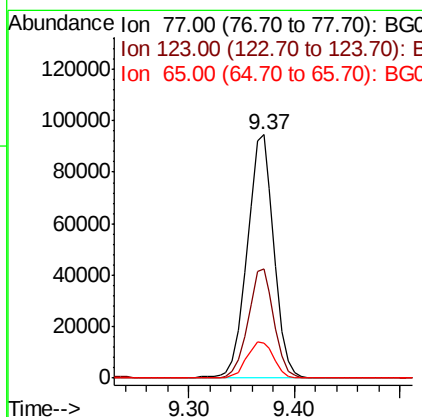
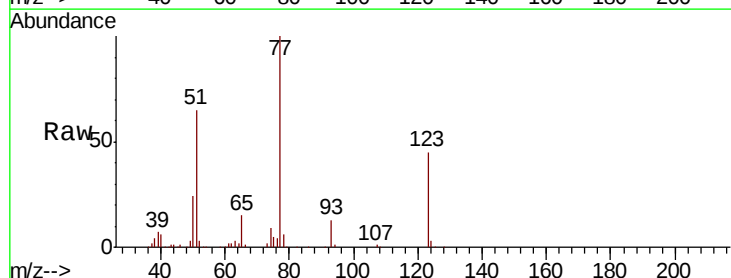
Instrument :
 BNA_G
 ClientSampleId :

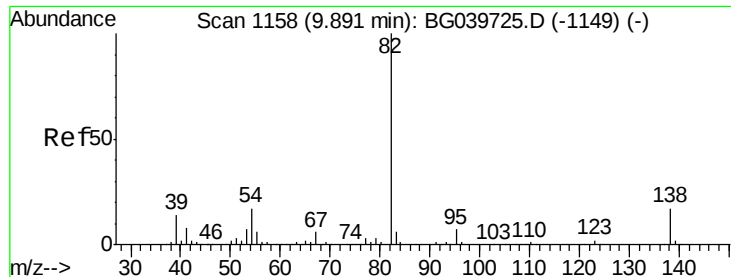
Tot Ion	82	Resp	345323
Ion Ratio	Lower	Upper	
82	100		
128	41.2	31.3	46.9
54	61.7	50.9	76.3



#24
 Nitrobenzene
 Concen: 48.364 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	77	Resp	165469
Ion Ratio	Lower	Upper	
77	100		
123	45.1	34.1	51.1
65	14.6	12.3	18.5





#25

Isophorone

Concen: 44.690 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampled :

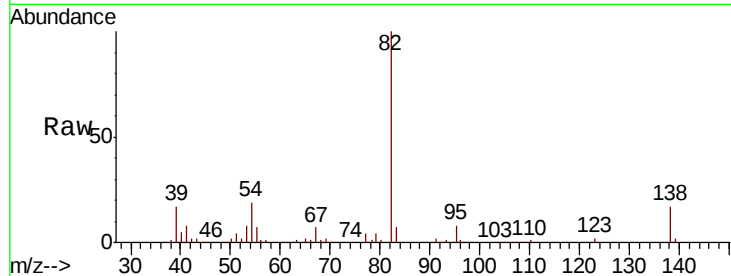
Tot Ion: 82 Resp: 305385

Ion Ratio Lower Upper

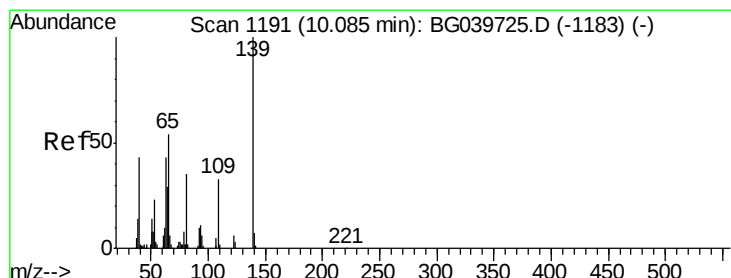
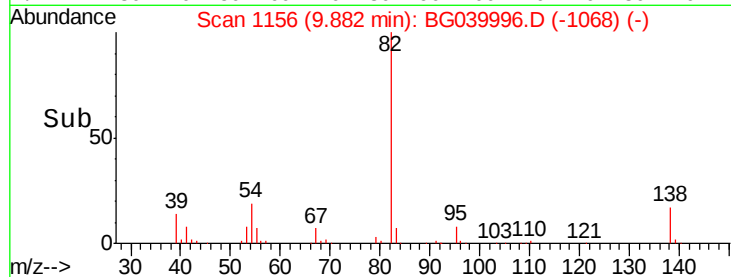
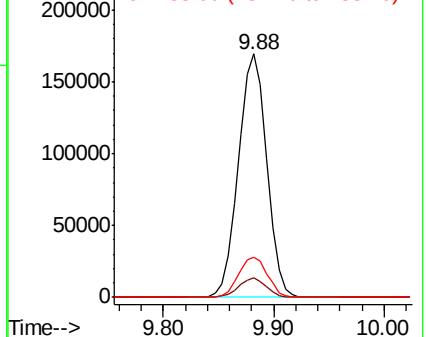
82 100

95 8.1 6.2 9.2

138 16.5 13.0 19.4



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



#26

2-Nitrophenol

Concen: 46.996 ng

RT: 10.08 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

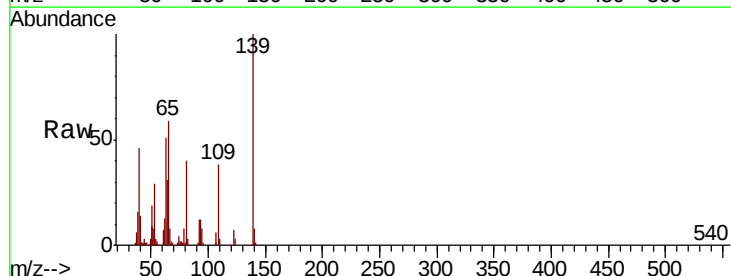
Tgt Ion: 139 Resp: 77632

Ion Ratio Lower Upper

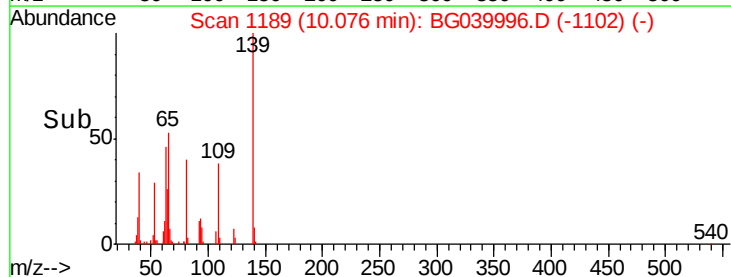
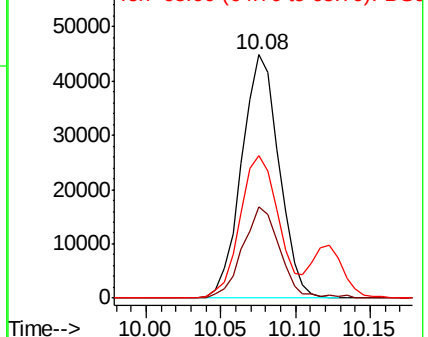
139 100

109 37.5 23.4 35.0#

65 58.5 44.3 66.5



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

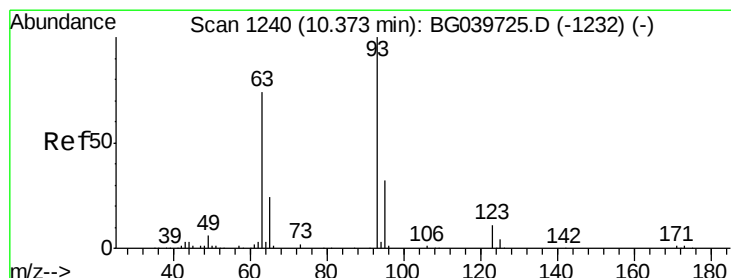
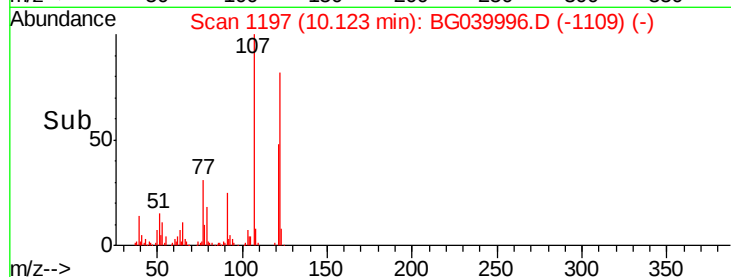
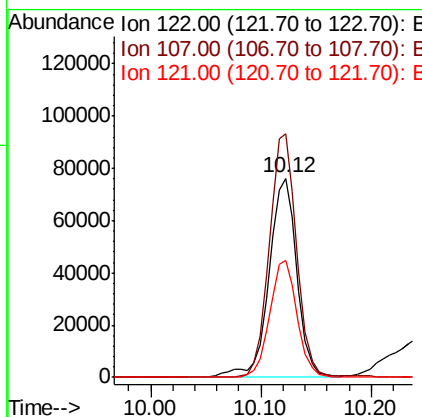
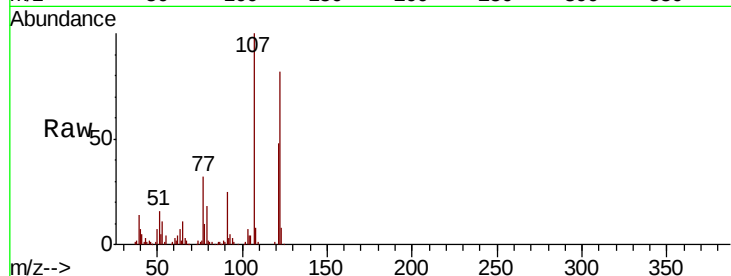




#27
2,4-Dimethylphenol
Concen: 52.484 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

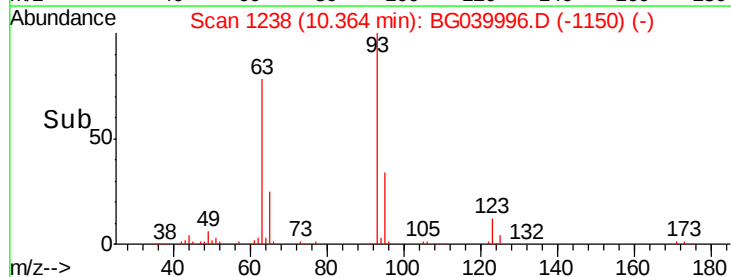
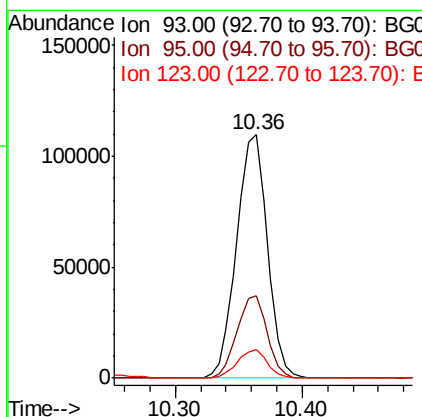
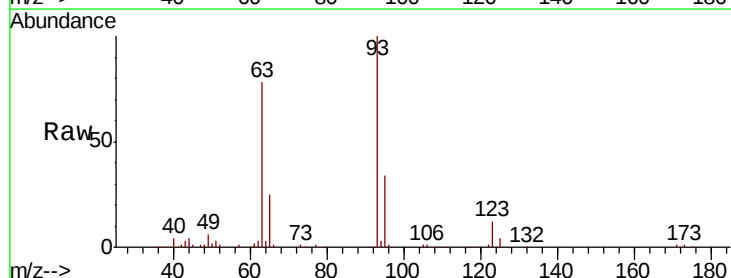
Instrument :
BNA_G
ClientSampleId :

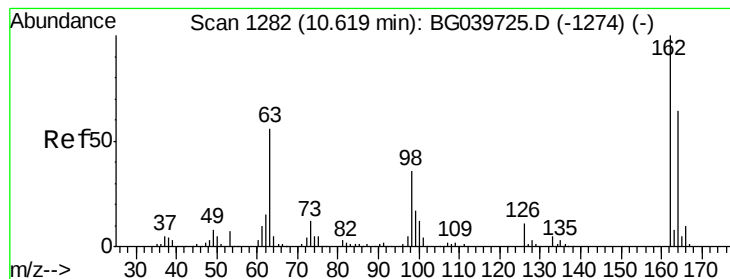
Tot Ion	Ratio	Lower	Upper
122	100		
107	122.1	91.7	137.5
121	58.5	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 44.515 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	11.9	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 48.231 ng

RT: 10.61 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

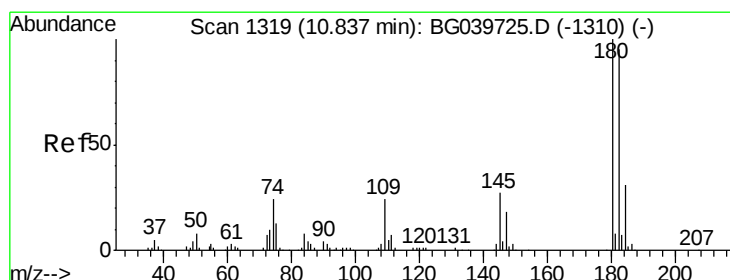
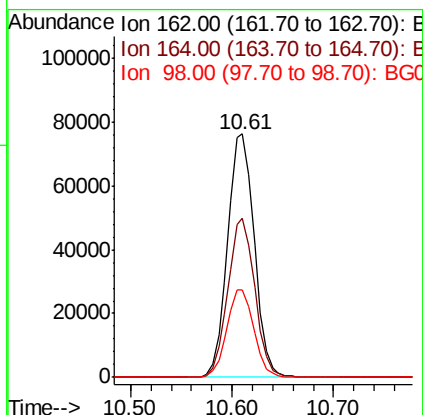
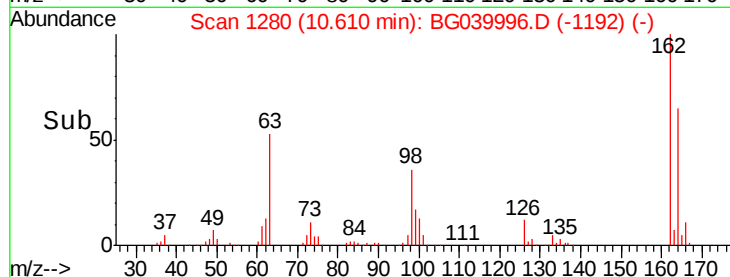
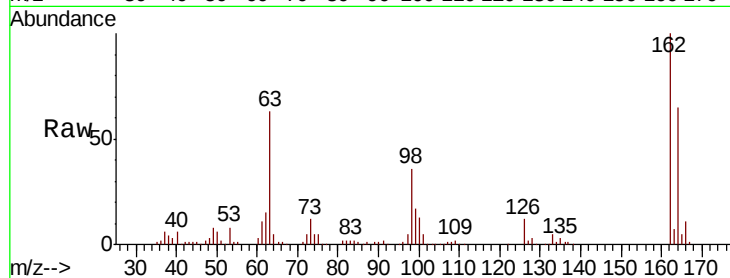
Tot Ion:162 Resp: 139509

Ion Ratio Lower Upper

162 100

164 65.3 48.1 88.1

98 35.7 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 46.344 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

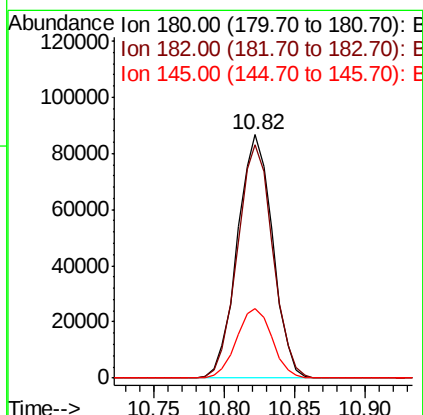
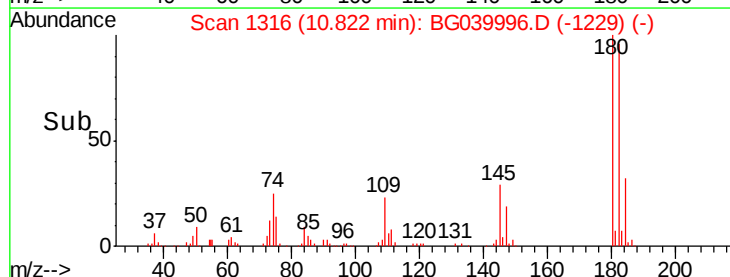
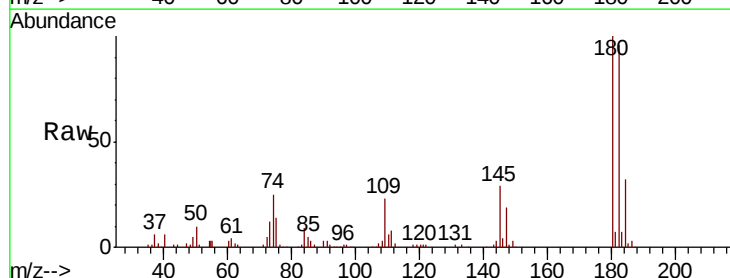
Tgt Ion:180 Resp: 150844

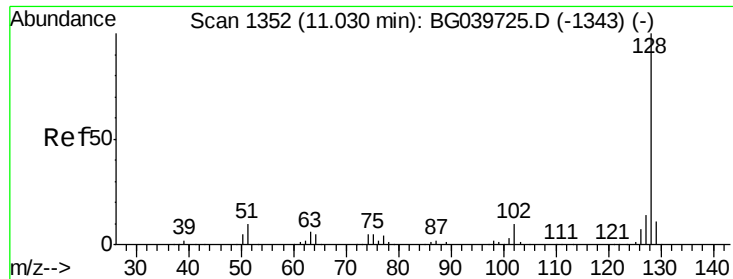
Ion Ratio Lower Upper

180 100

182 96.0 76.0 114.0

145 28.7 22.7 34.1

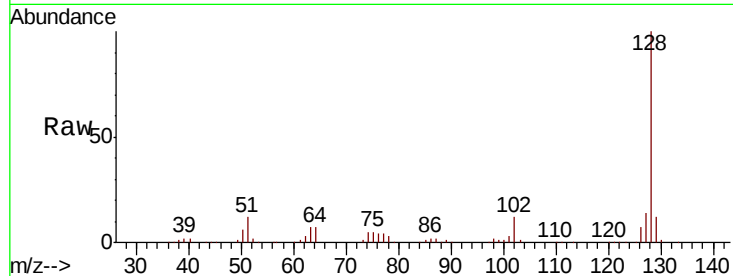




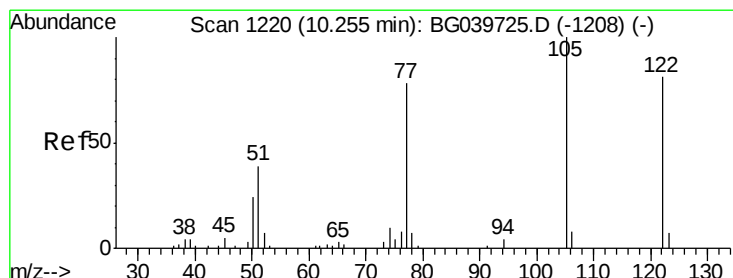
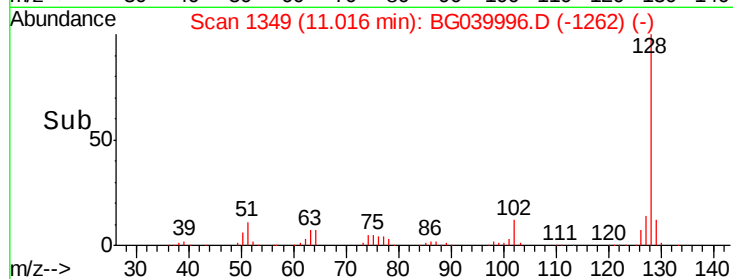
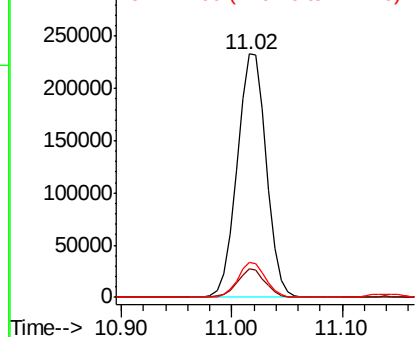
#31
Naphthalene
Concen: 46.154 ng
RT: 11.02 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 431020
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 14.3 10.8 16.2

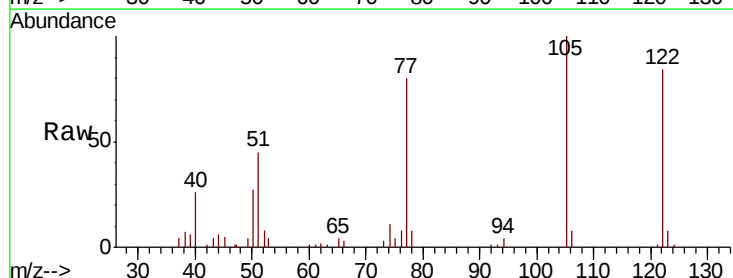


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

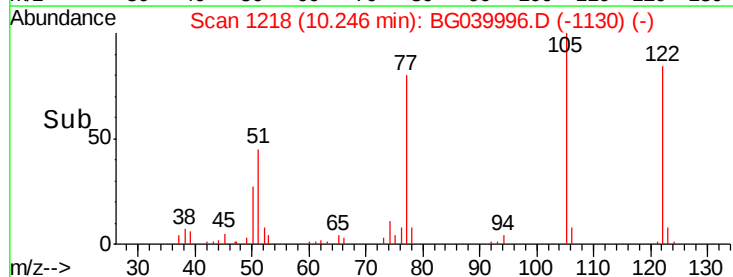
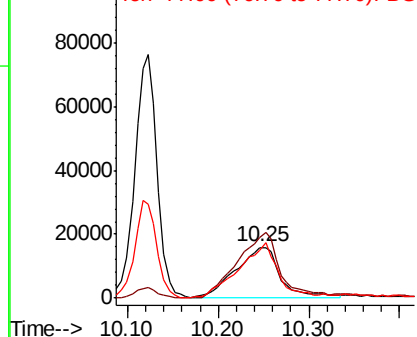


#32
Benzoic acid
Concen: 32.065 ng
RT: 10.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:122 Resp: 52082
Ion Ratio Lower Upper
122 100
105 118.6 101.8 141.8
77 95.4 76.3 116.3



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

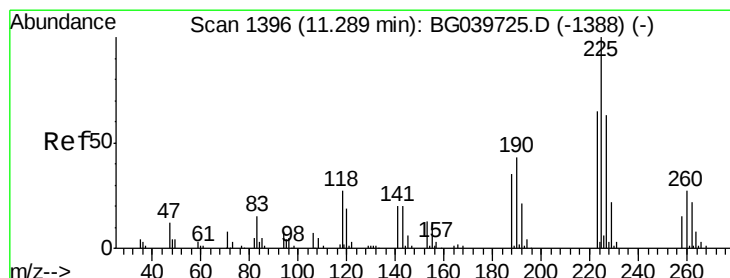
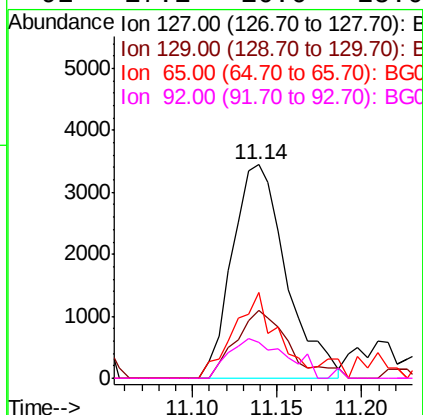
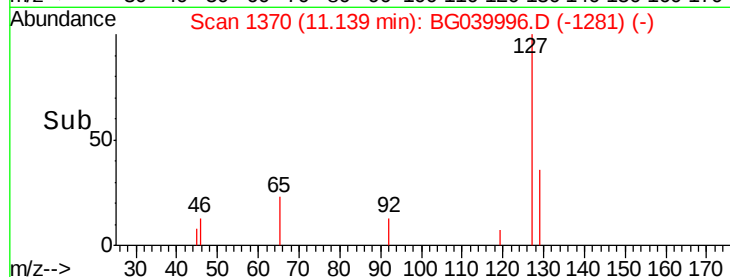
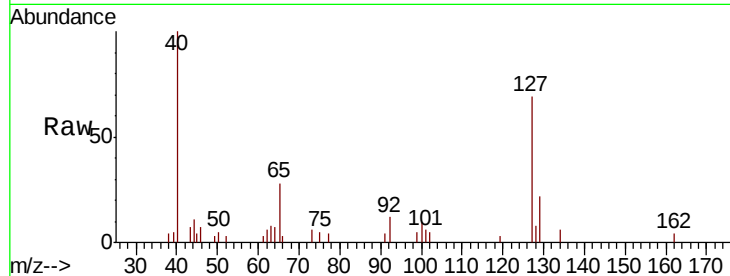




#33
4-Chloroaniline
Concen: 1.930 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

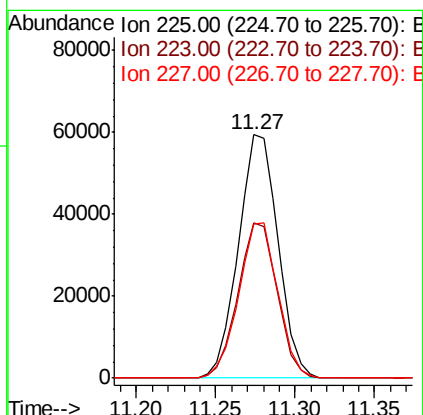
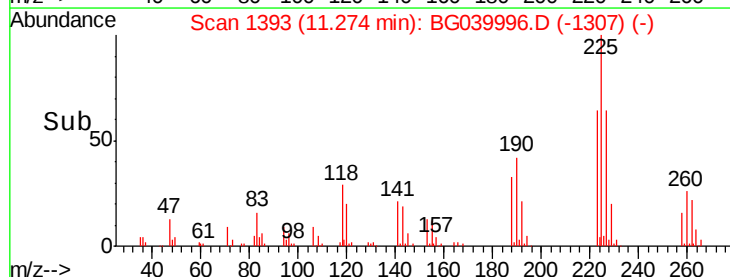
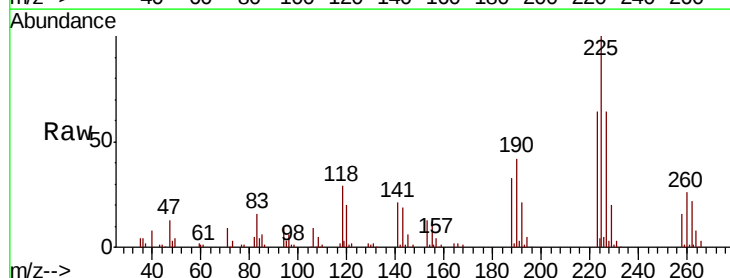
Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	7643
Ion	Ratio	Lower	Upper
127	100		
129	31.8	27.0	40.4
65	40.2	28.8	43.2
92	17.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.432 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:	225	Resp:	103274
Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	63.5	46.3	69.5

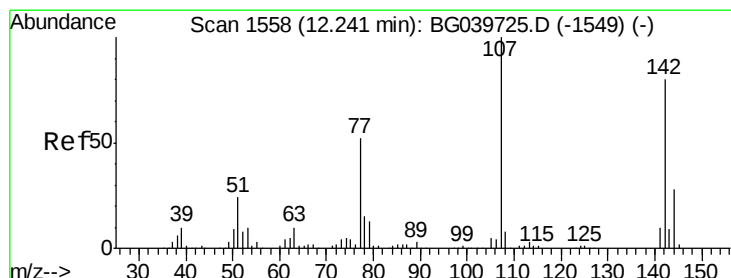
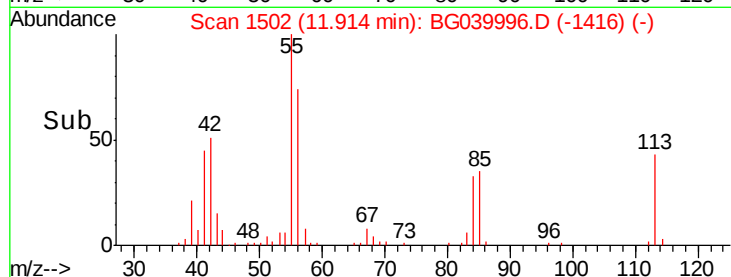
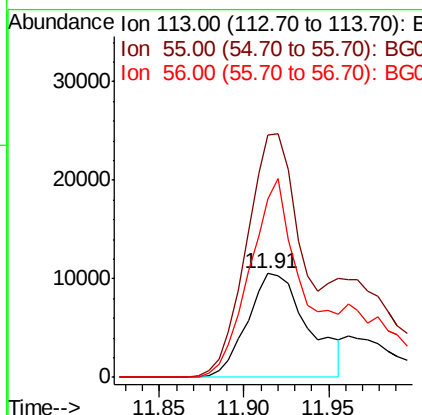
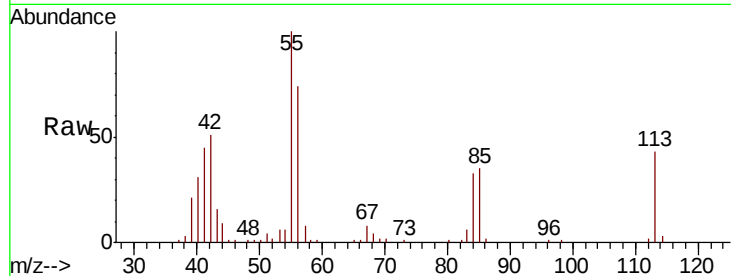




#35
Caprolactam
Concen: 23.702 ng
RT: 11.91 min Scan# 1502
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

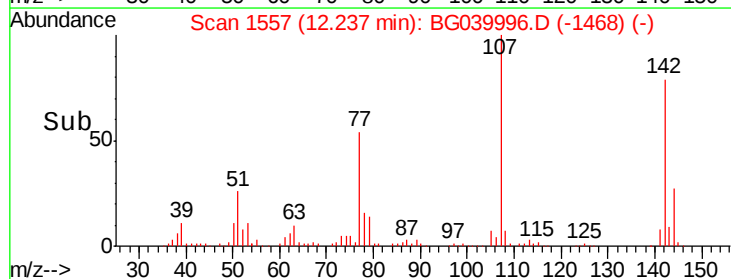
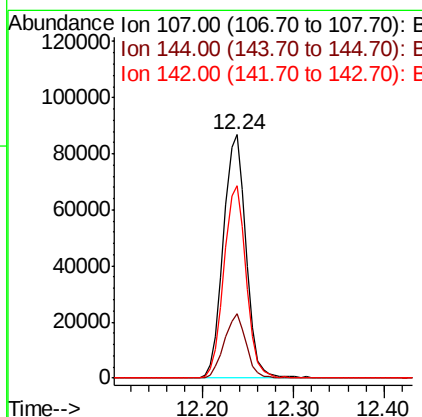
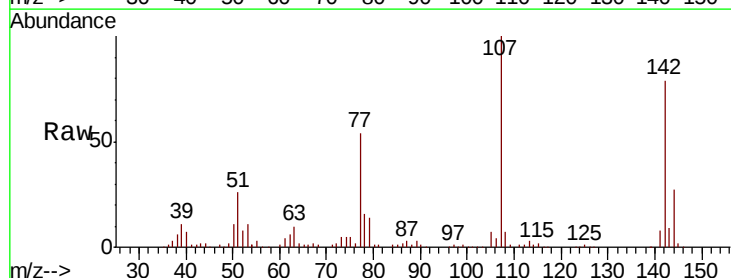
Instrument :
BNA_G
ClientSampleId :

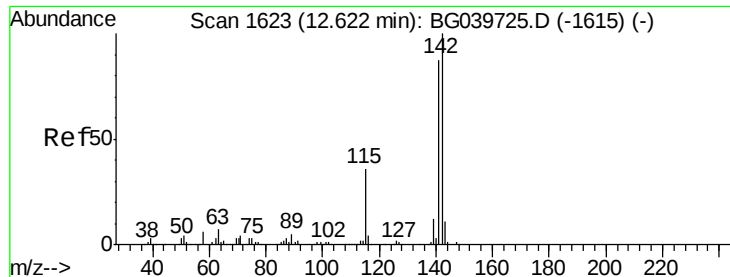
Tot Ion:113 Resp: 26189
Ion Ratio Lower Upper
113 100
55 233.6 216.9 256.9
56 171.7 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 45.438 ng
RT: 12.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:107 Resp: 150664
Ion Ratio Lower Upper
107 100
144 26.6 20.2 30.2
142 79.2 61.4 92.2

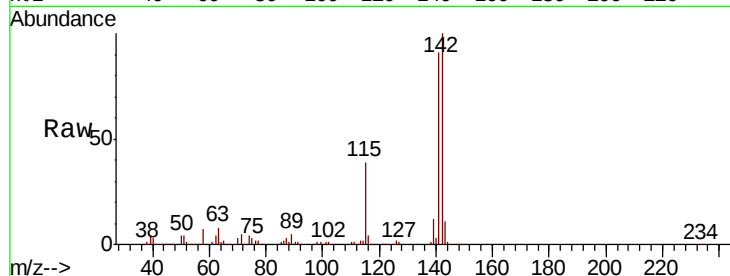




#37
2-Methylnaphthalene
Concen: 45.215 ng
RT: 12.61 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	73.5	110.3
115	39.4	30.8	46.2

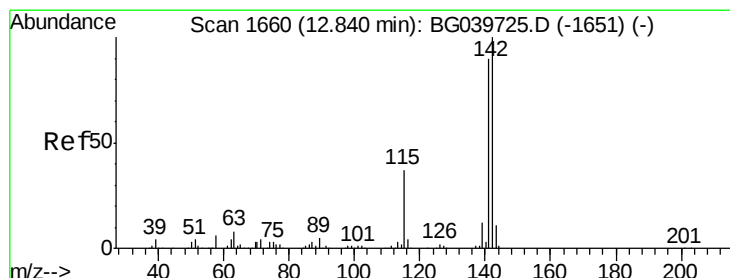
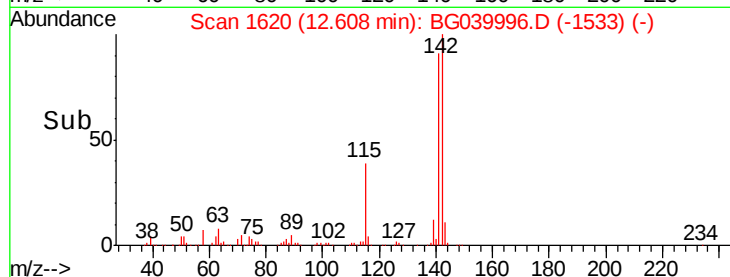
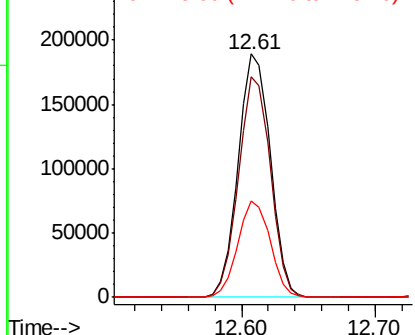


Abundance

Ion 142.00 (141.70 to 142.70): E

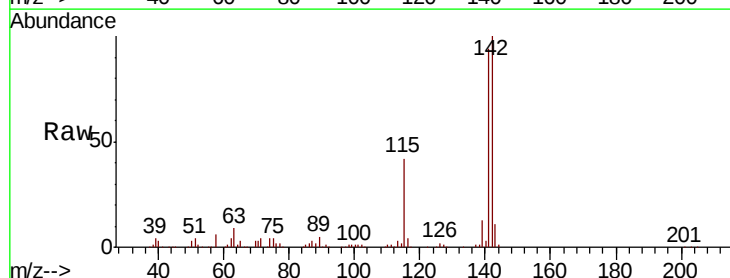
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.512 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	74.2	111.4
116	4.3	3.0	4.6

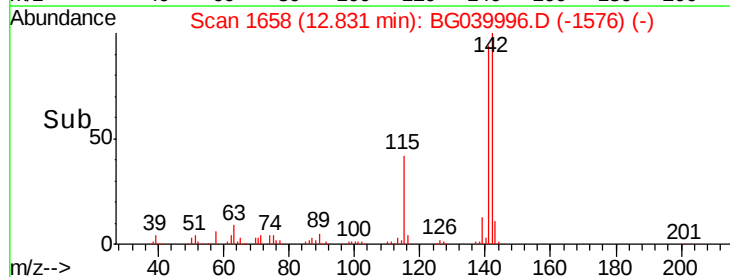
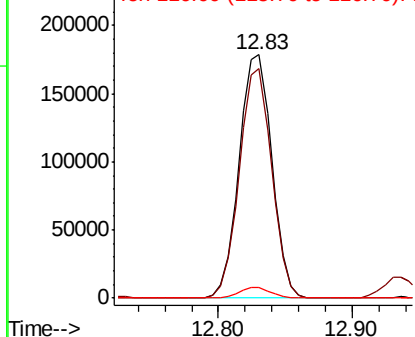


Abundance

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: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

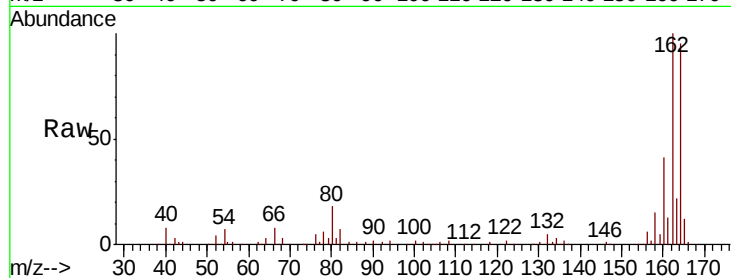
Tot Ion:164 Resp: 109268

Ion Ratio Lower Upper

164 100

162 104.9 81.6 122.4

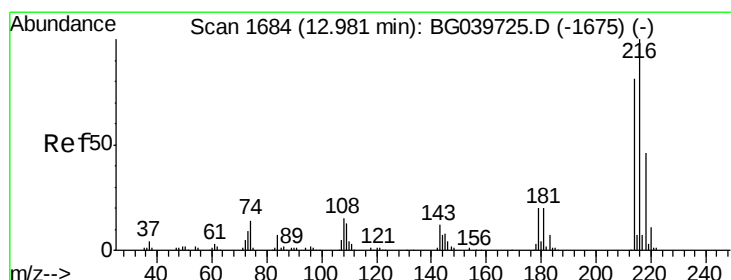
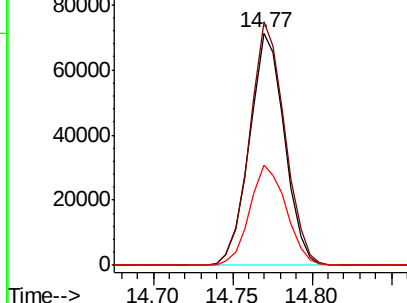
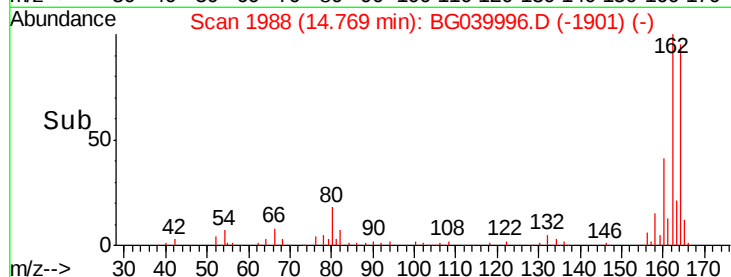
160 43.3 34.2 51.2



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: 47.685 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:216 Resp: 176516

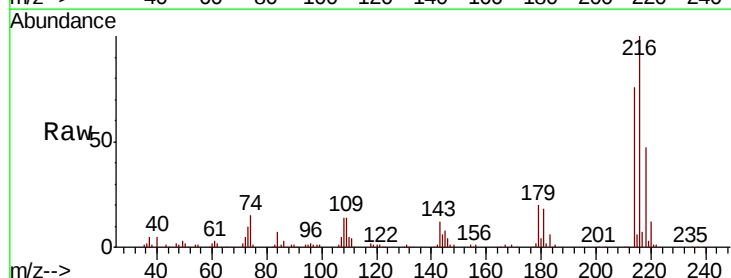
Ion Ratio Lower Upper

216 100

214 78.6 62.6 94.0

179 21.1 16.6 25.0

108 19.3 14.0 21.0

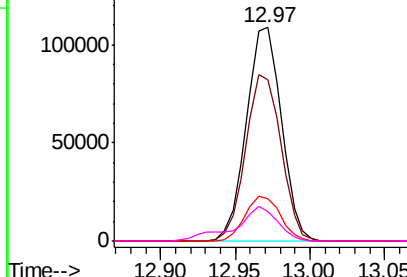
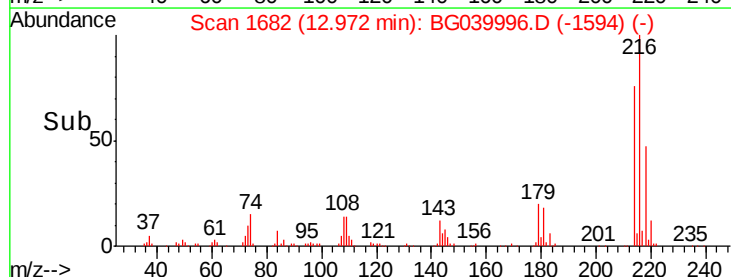


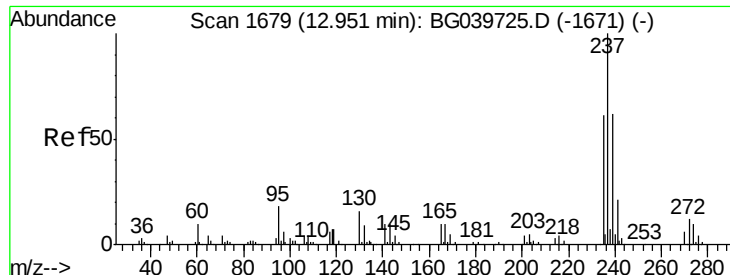
Abundance Ion 216.00 (215.70 to 216.70): E

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: 115.423 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

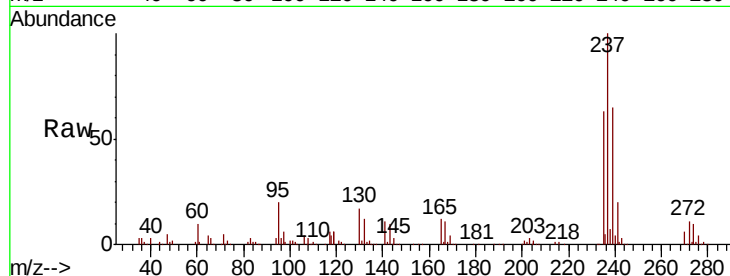
Tot Ion:237 Resp: 228972

Ion Ratio Lower Upper

237 100

235 62.9 43.3 83.3

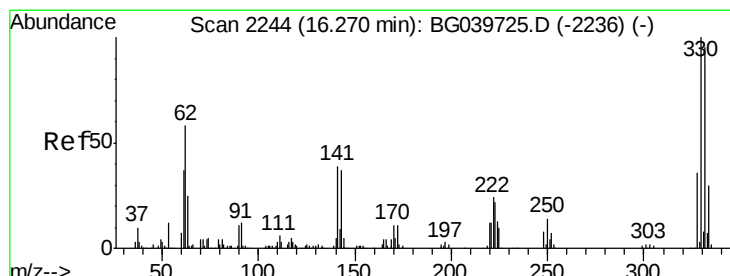
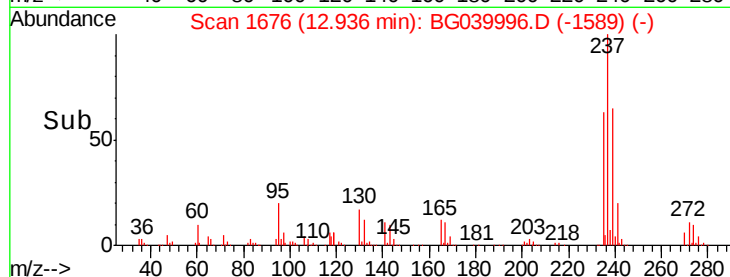
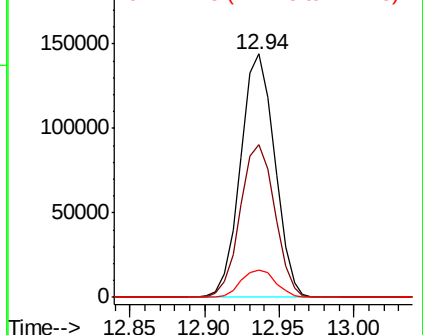
272 11.4 0.0 32.3



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: 150.941 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

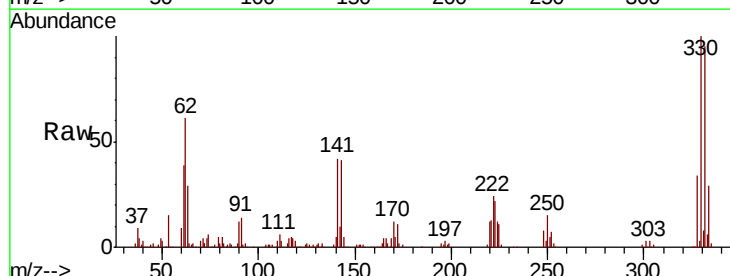
Tgt Ion:330 Resp: 192238

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

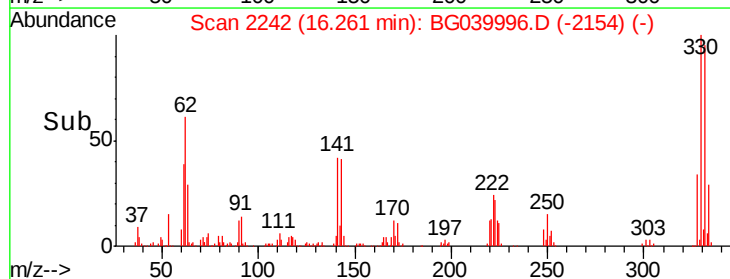
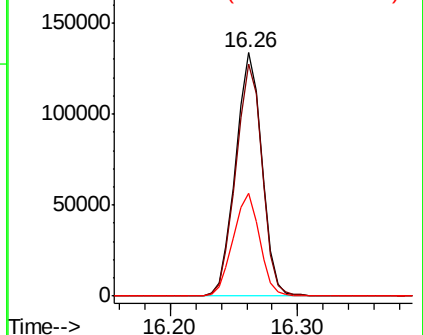
141 42.2 35.6 53.4



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

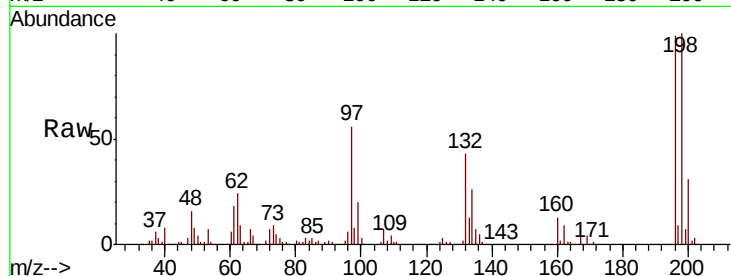




#43
 2,4,6-Trichlorophenol
 Concen: 53.088 ng
 RT: 13.21 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	115053
Ion Ratio	Lower	Upper	
196	100		
198	100.7	80.6	121.0
200	30.8	26.1	39.1

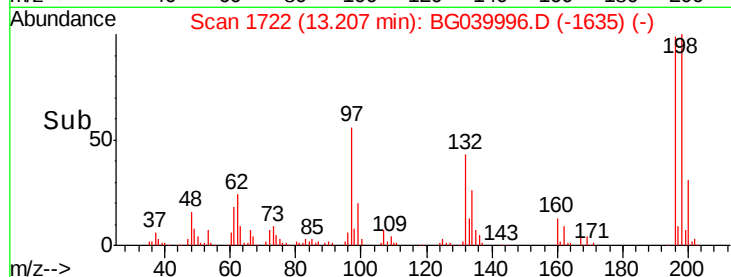
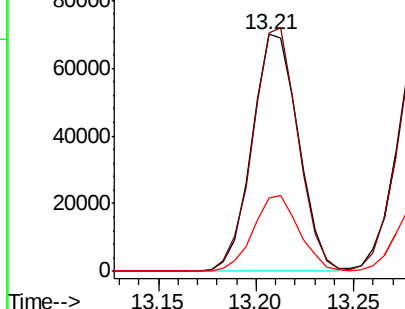


Abundance

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: 50.106 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	196	Resp	122399
Ion Ratio	Lower	Upper	
196	100		
198	101.7	78.5	117.7
97	49.6	38.4	57.6
132	24.8	19.2	28.8

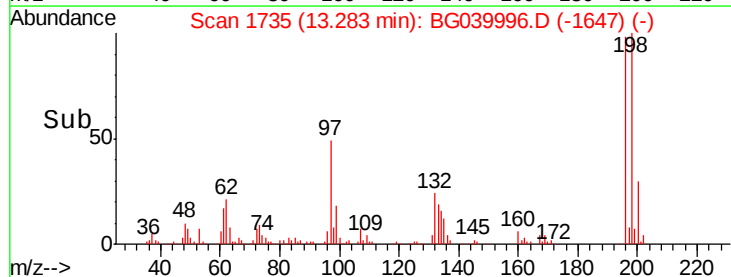
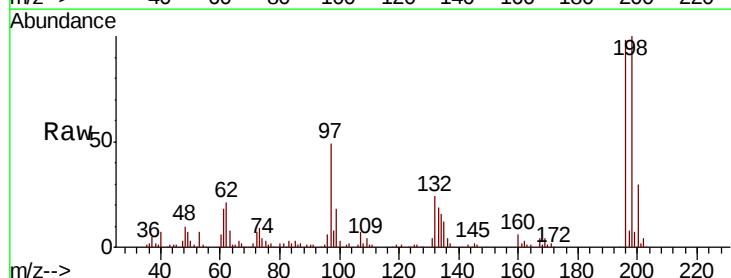
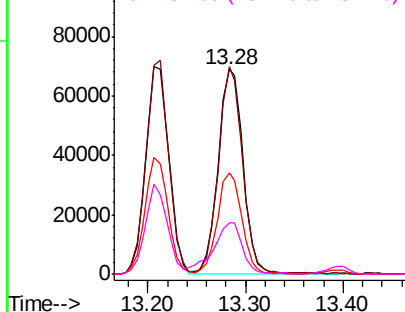
Abundance

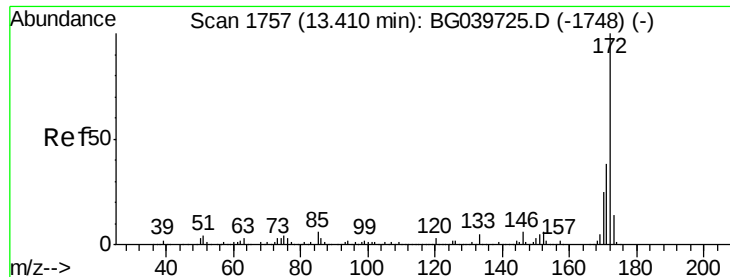
Ion 196.00 (195.70 to 196.70): E

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

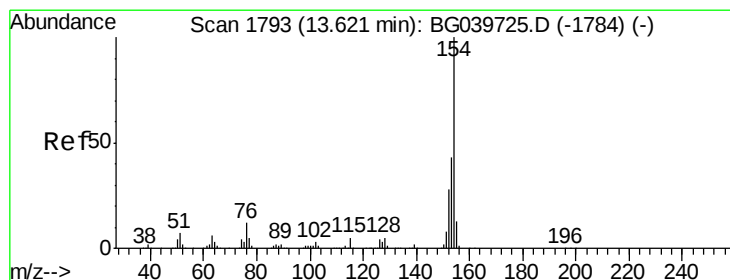
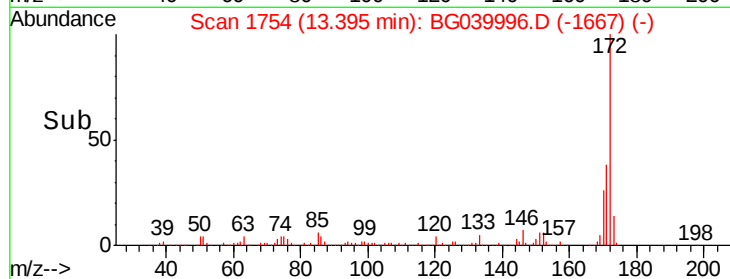
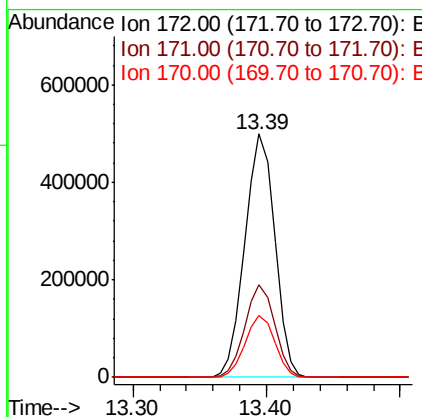
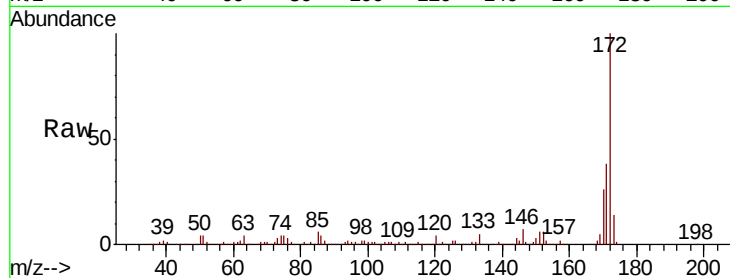




#45
 2-Fluorobiphenyl
 Concen: 100.723 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

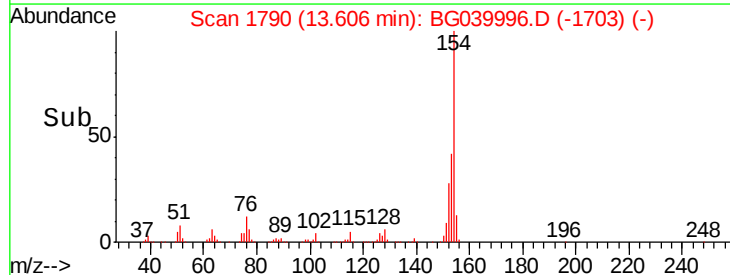
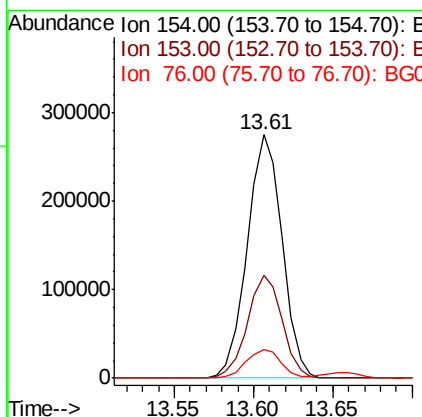
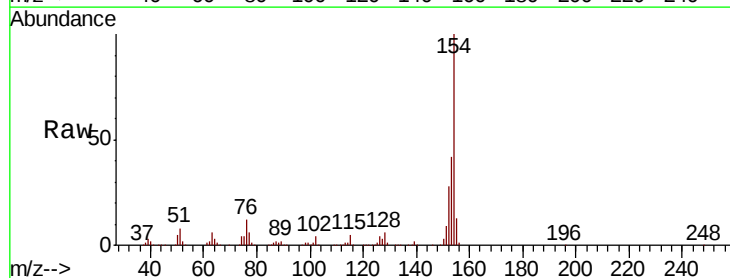
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.8	46.2
170	25.5	20.2	30.4



#46
 1,1'-Biphenyl
 Concen: 46.809 ng
 RT: 13.61 min Scan# 1790
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.1	62.1
76	11.6	0.0	32.4

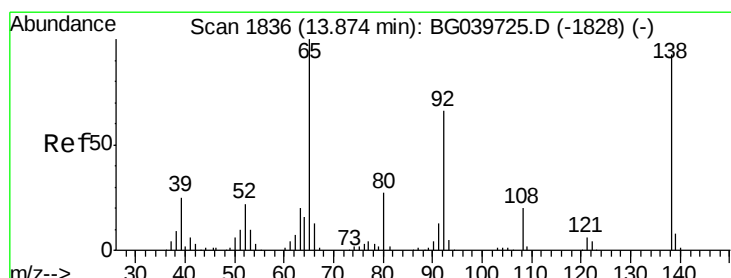
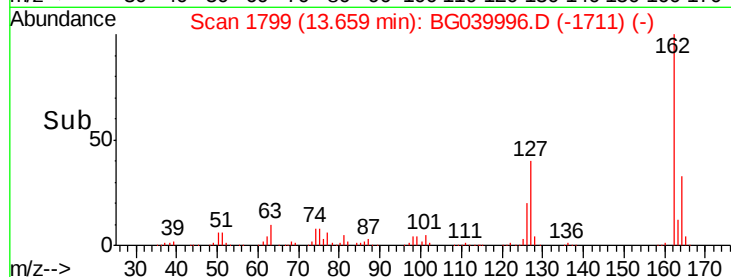
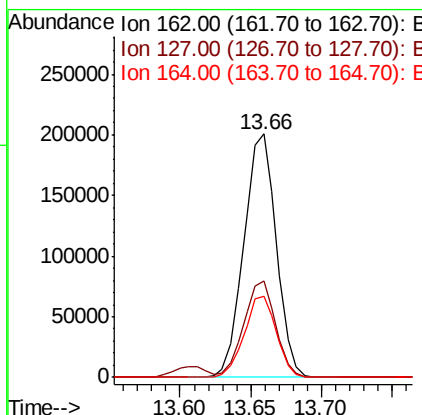
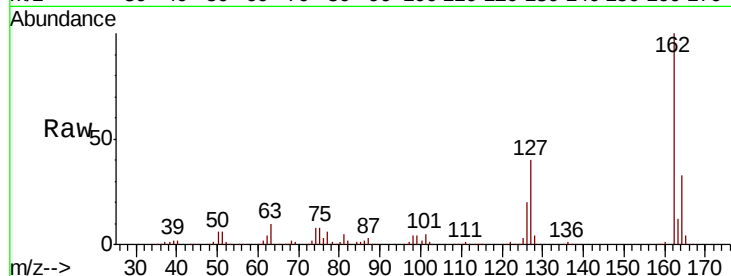




#47
 2-Chloronaphthalene
 Concen: 47.761 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

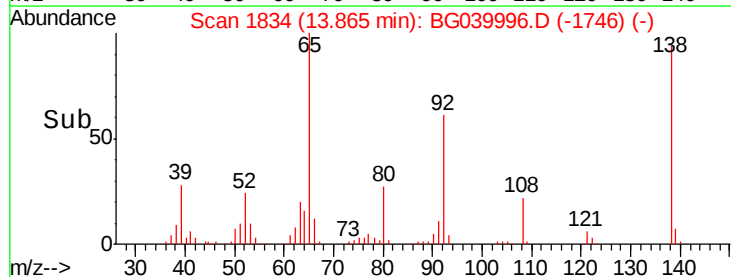
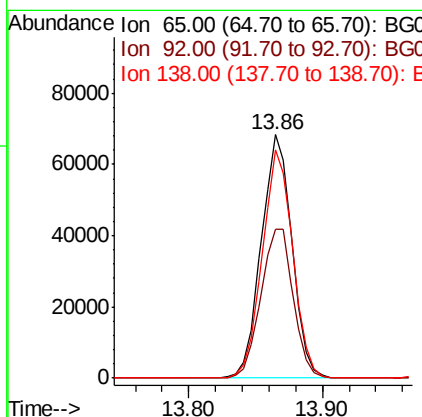
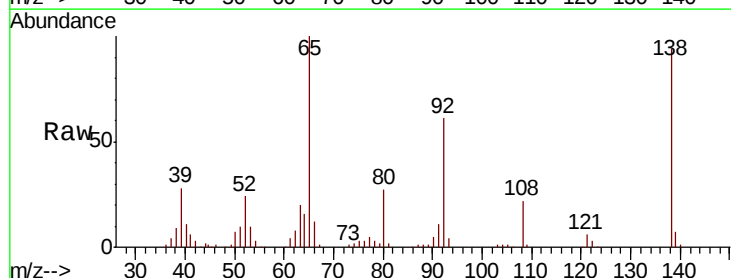
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.8	31.0	46.6
164	33.3	25.7	38.5



#48
 2-Nitroaniline
 Concen: 49.971 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	61.4	51.4	77.2
138	93.8	71.4	107.2





#49

Acenaphthylene

Concen: 45.828 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

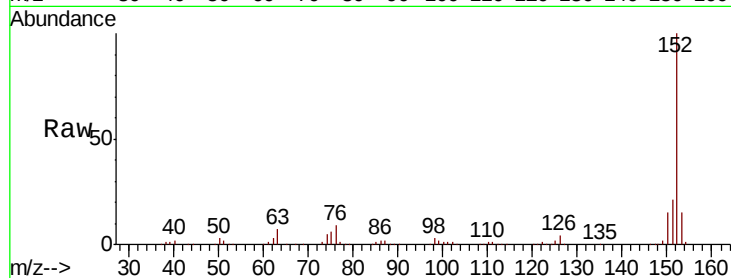
Tot Ion:152 Resp: 508634

Ion Ratio Lower Upper

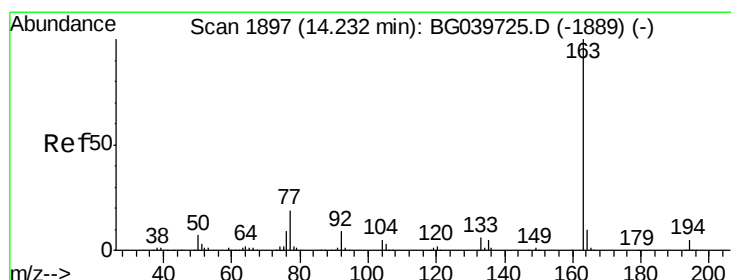
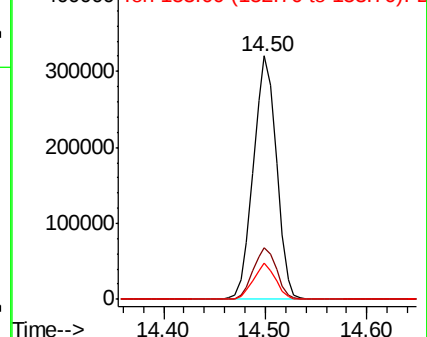
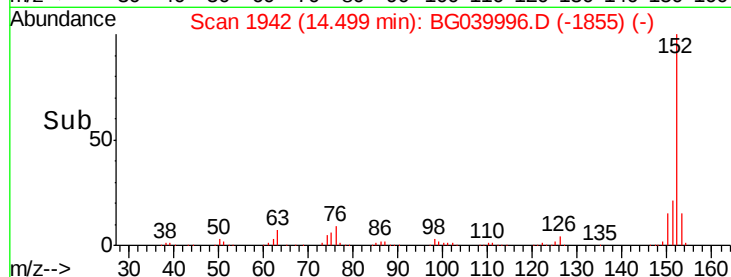
152 100

151 21.1 16.8 25.2

153 15.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.447 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

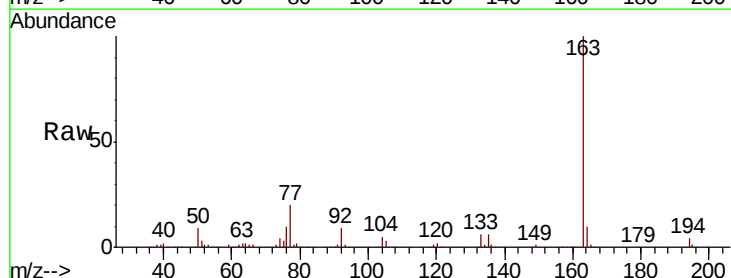
Tgt Ion:163 Resp: 415244

Ion Ratio Lower Upper

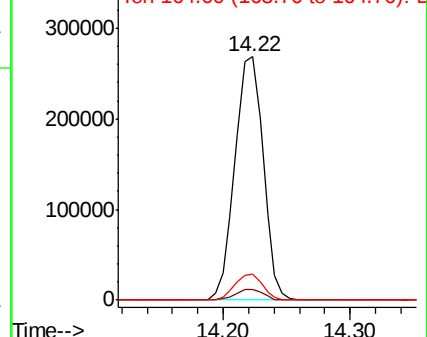
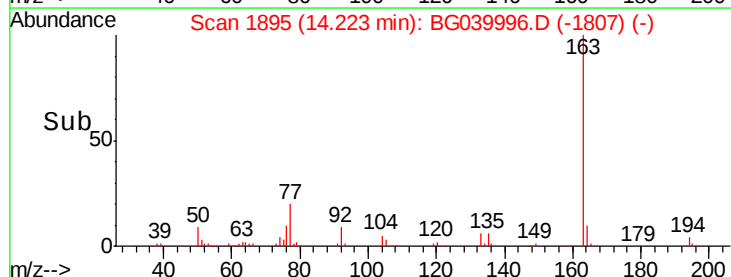
163 100

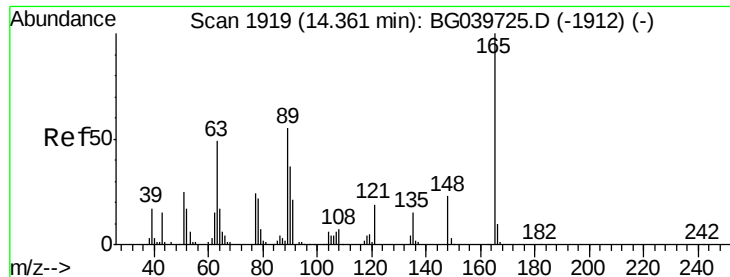
194 4.5 3.6 5.4

164 10.4 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

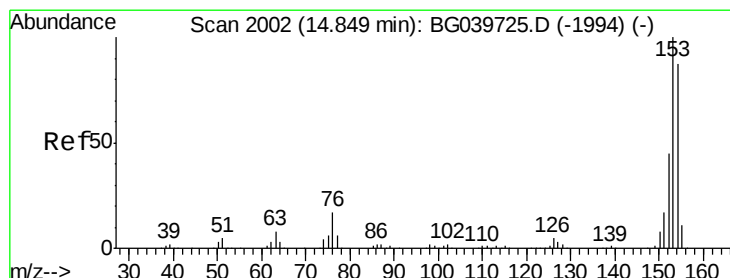
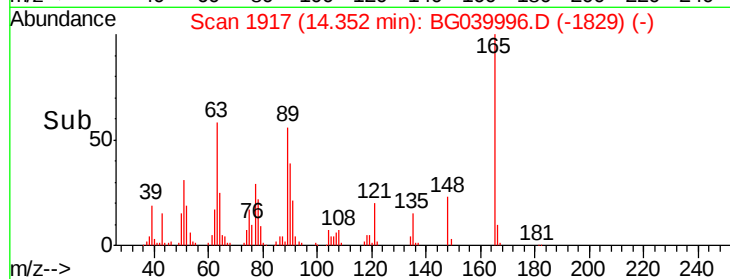
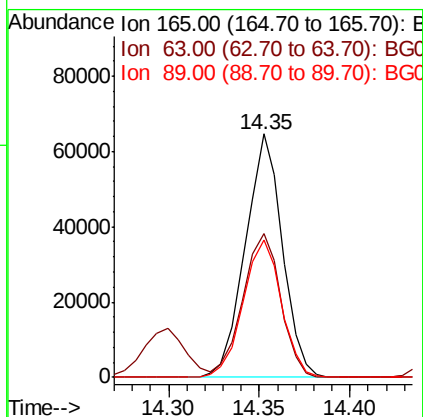
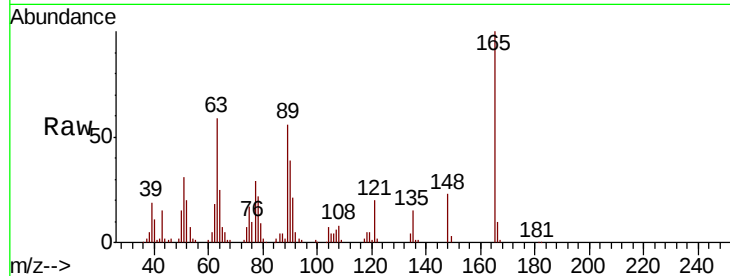




#51
 2,6-Dinitrotoluene
 Concen: 47.365 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

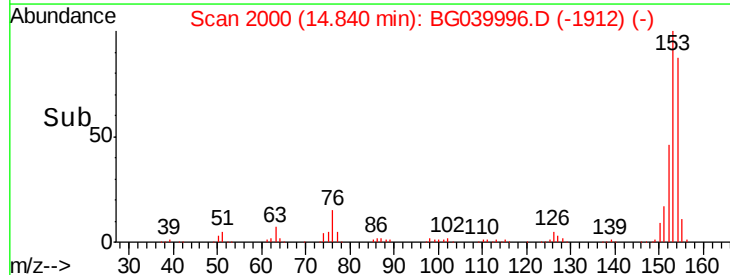
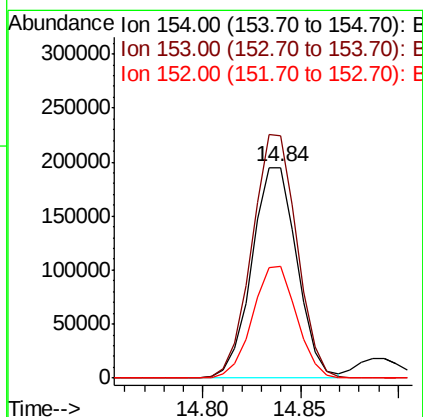
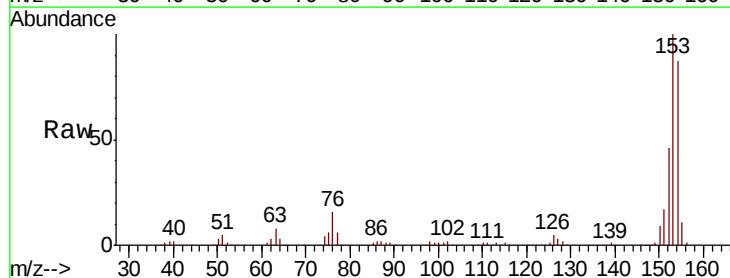
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 91744
 Ion Ratio Lower Upper
 165 100
 63 59.1 47.0 70.6
 89 56.2 45.8 68.8



#52
 Acenaphthene
 Concen: 46.687 ng
 RT: 14.84 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:154 Resp: 311876
 Ion Ratio Lower Upper
 154 100
 153 115.1 90.1 135.1
 152 52.8 40.9 61.3

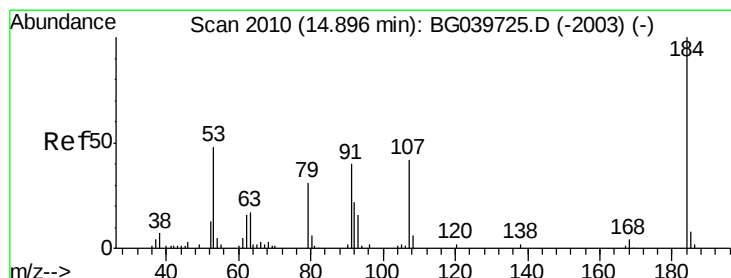
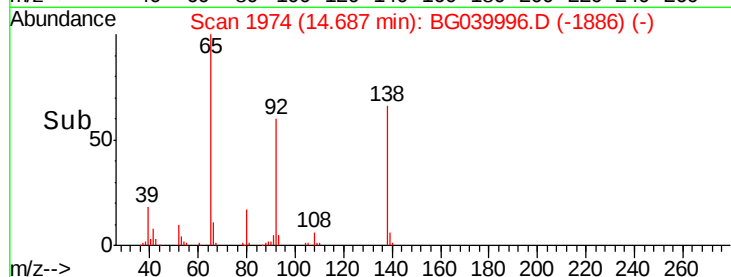
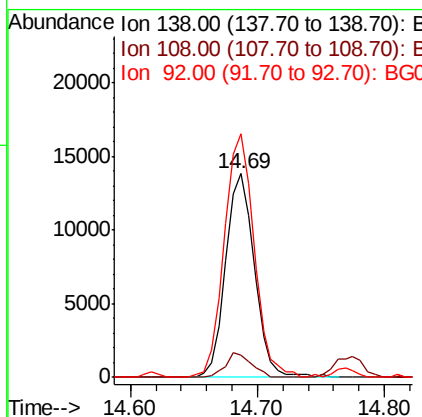
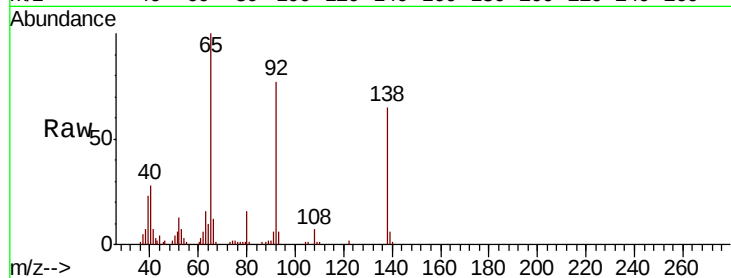




#53
3-Nitroaniline
Concen: 11.160 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

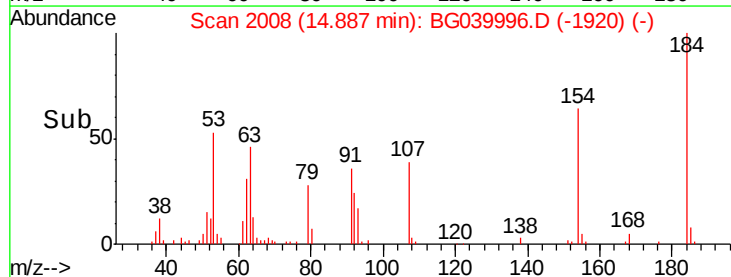
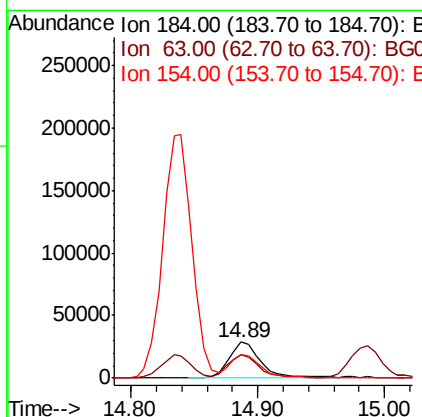
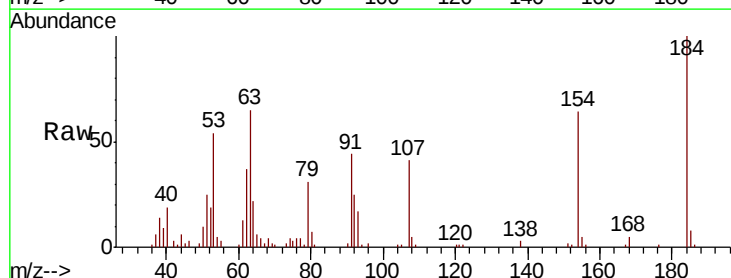
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 21730
Ion Ratio Lower Upper
138 100
108 11.0 13.8 20.8#
92 119.5 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 42.941 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:184 Resp: 49270
Ion Ratio Lower Upper
184 100
63 64.8 50.9 76.3
154 64.1 53.0 79.6

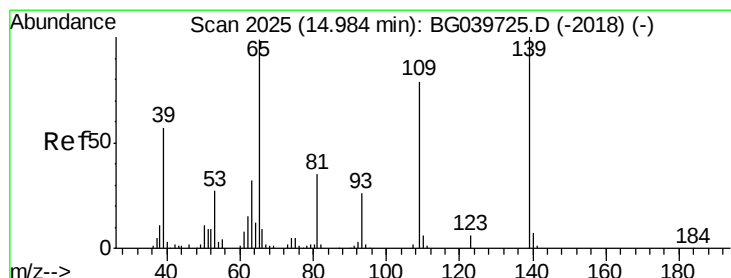
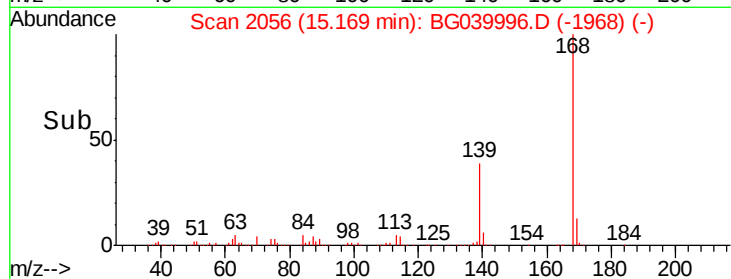
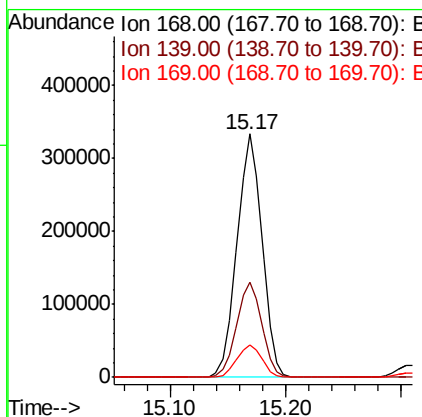
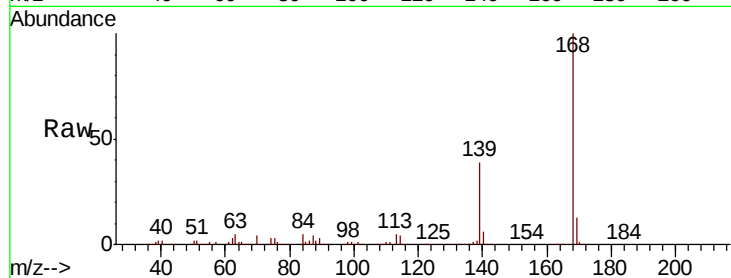




#55
Dibenzofuran
Concen: 45.695 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

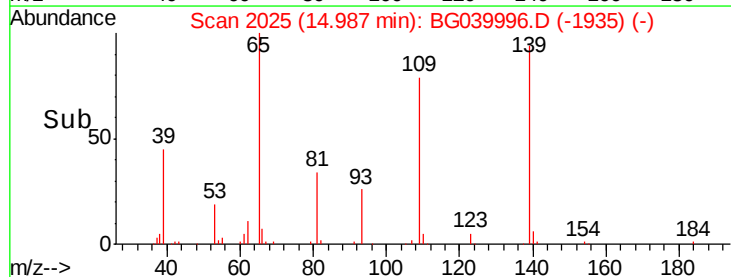
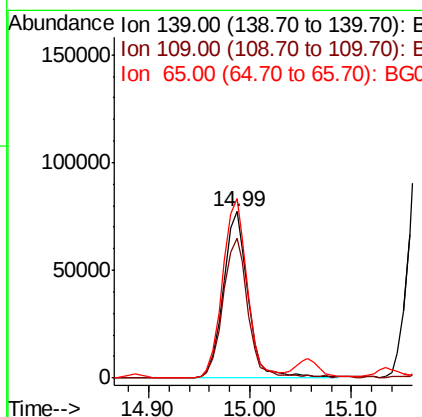
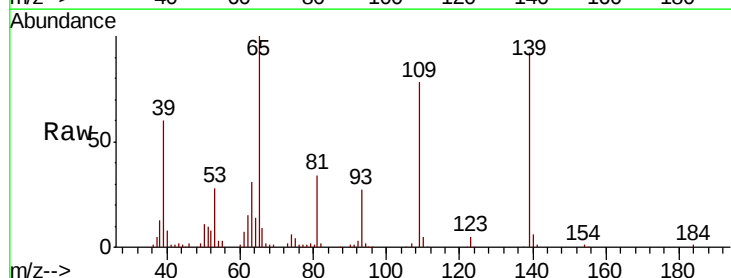
Instrument :
BNA_G
ClientSampled :

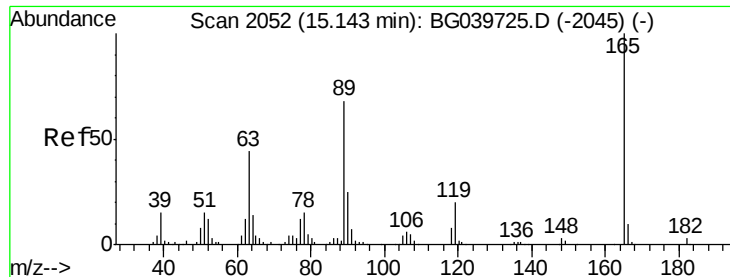
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	13.4	10.6	16.0



#56
4-Nitrophenol
Concen: 74.936 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
139	100		
109	84.1	61.9	101.9
65	108.3	99.1	139.1

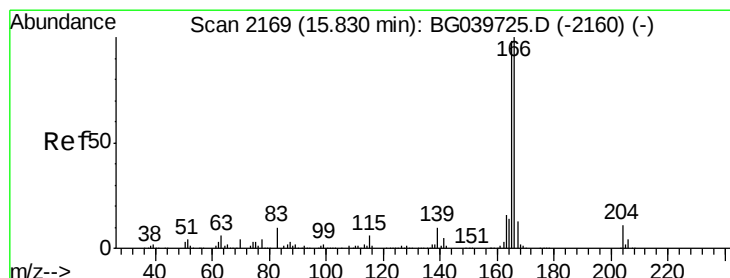
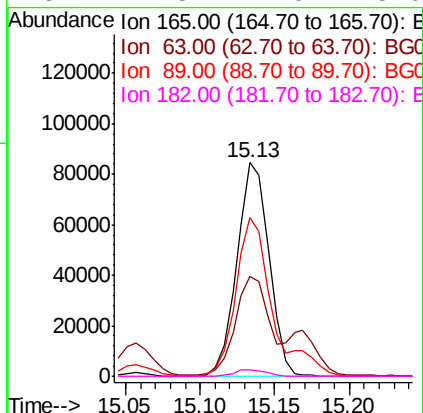
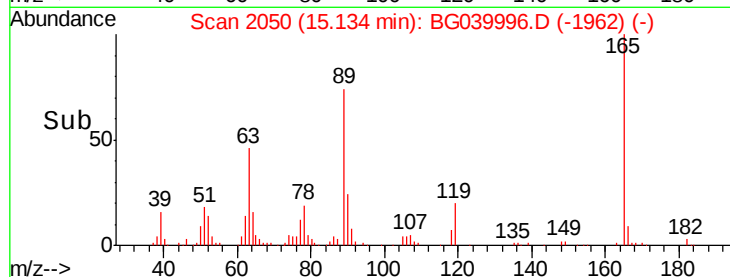
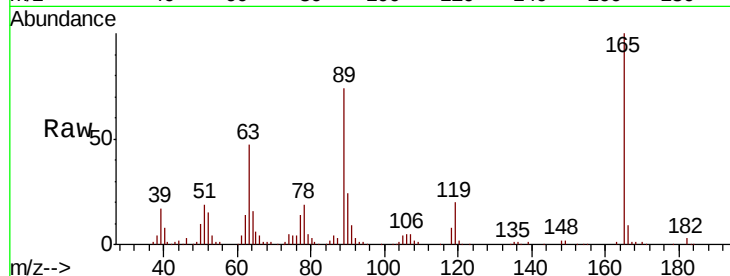




#57
2,4-Dinitrotoluene
Concen: 46.320 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

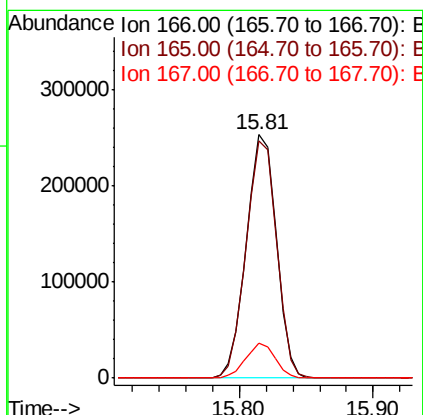
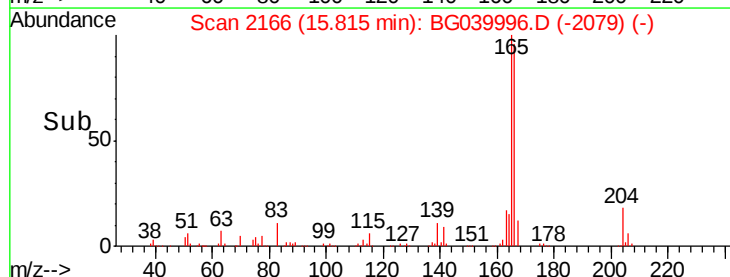
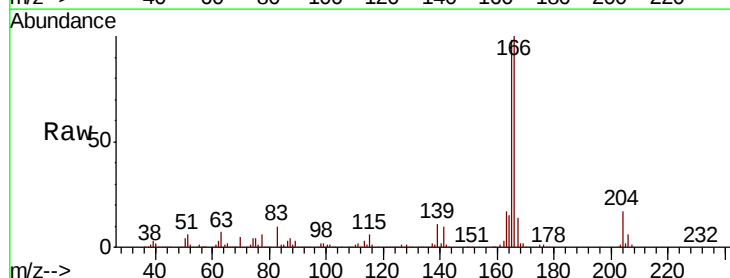
Instrument :
BNA_G
ClientSampleId :

Tot Ion:	165	Resp:	126069
Ion	Ratio	Lower	Upper
165	100		
63	46.8	41.0	61.6
89	74.4	64.6	96.8
182	2.8	2.0	3.0



#58
Fluorene
Concen: 45.581 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:	166	Resp:	392730
Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.9	116.9
167	14.2	10.8	16.2

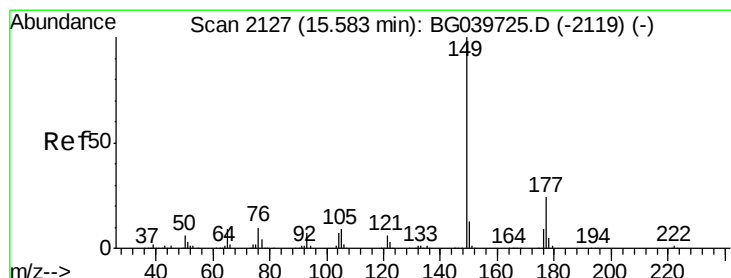
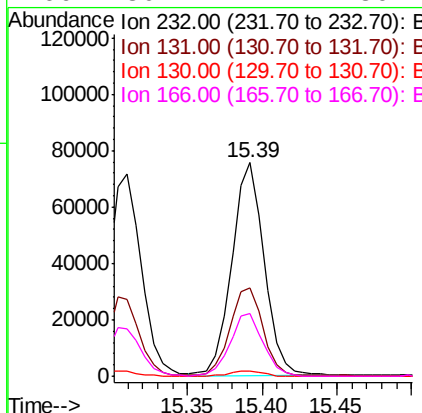
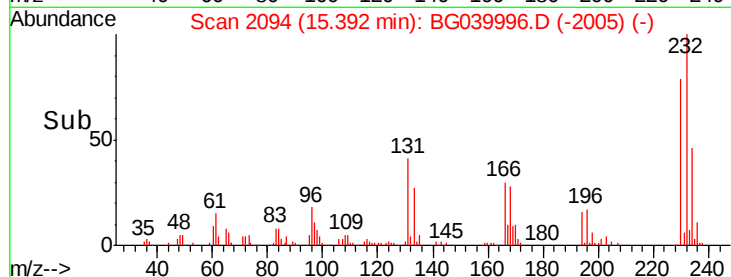
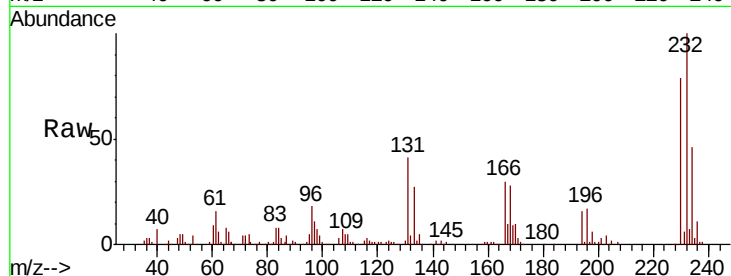




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.782 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

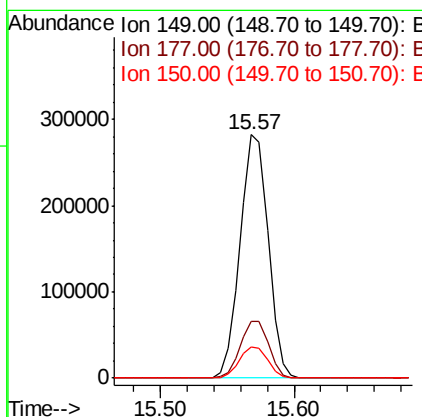
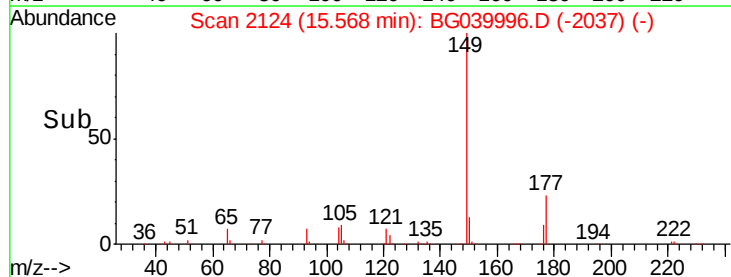
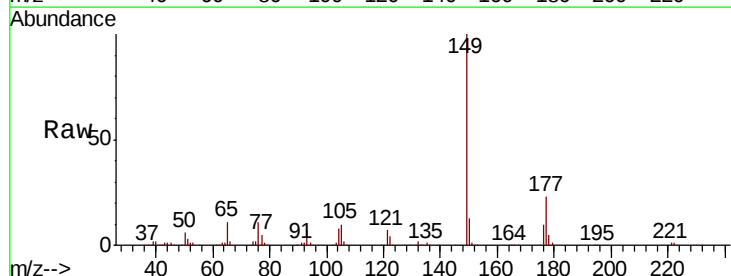
Instrument :
 BNA_G
 ClientSampled :

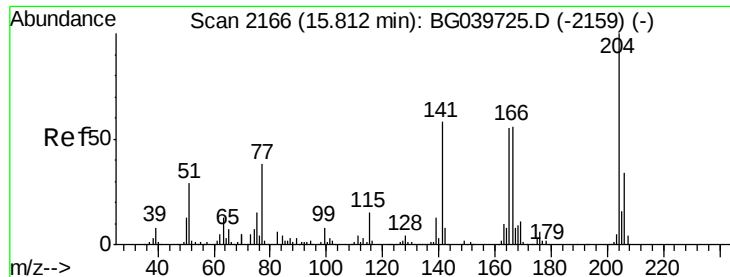
Tot Ion:232	Resp:	113995
Ion Ratio	Lower	Upper
232	100	
131	43.7	34.9 52.3
130	2.5	2.0 3.0
166	30.4	24.1 36.1



#60
 Diethylphthalate
 Concen: 45.249 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:149	Resp:	409273
Ion Ratio	Lower	Upper
149	100	
177	23.4	18.3 27.5
150	13.0	10.2 15.2

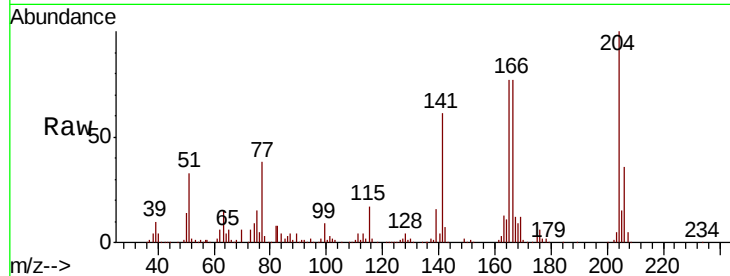




#61
4-Chlorophenyl-phenylether
Concen: 45.184 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	36.3	29.2	43.8
141	60.6	49.0	73.4

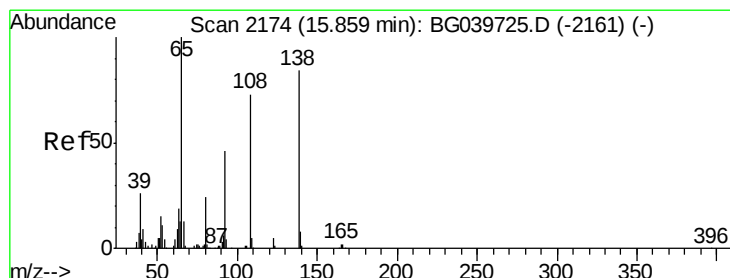
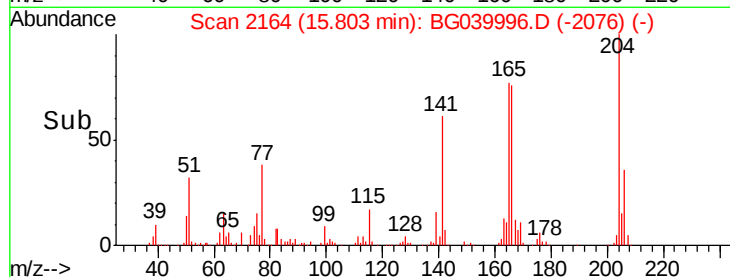
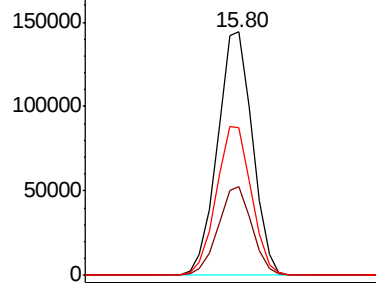


Abundance

Ion 204.00 (203.70 to 204.70): E

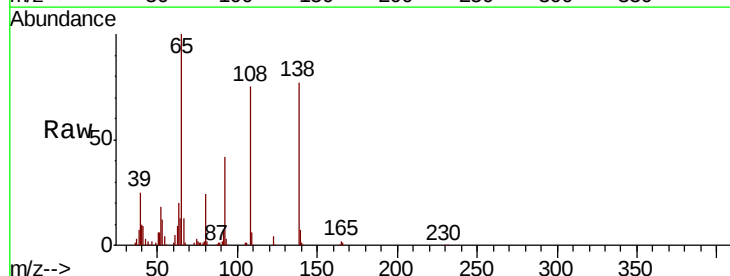
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.824 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.2	38.7	78.7
108	97.5	74.6	114.6

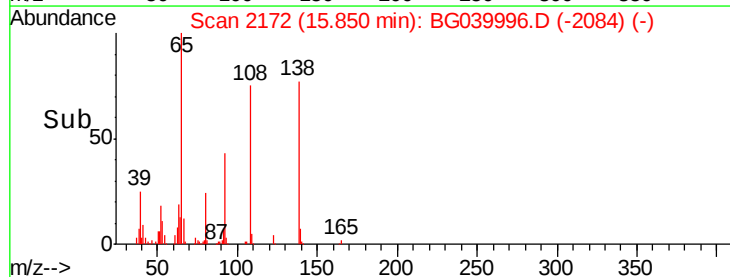
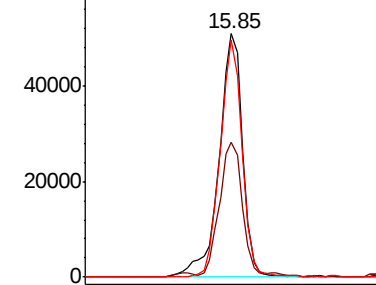


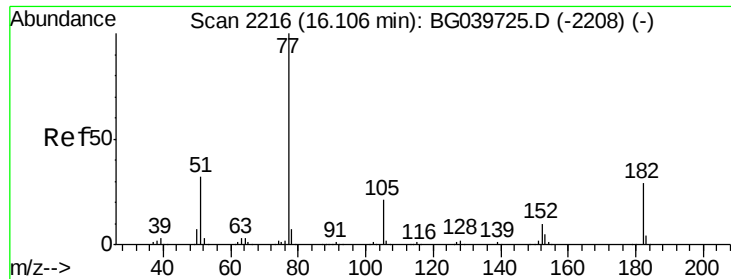
Abundance

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

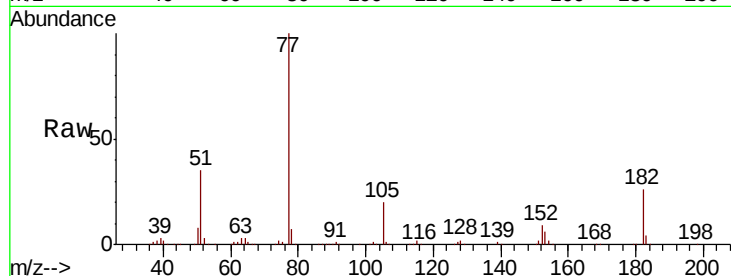




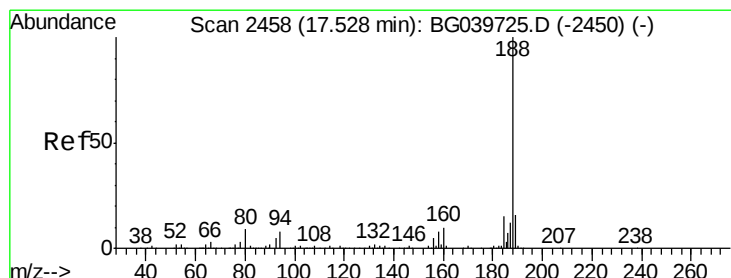
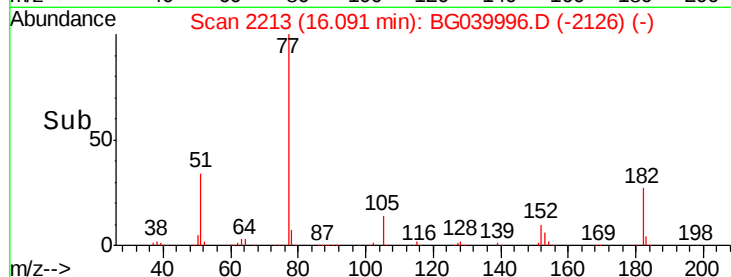
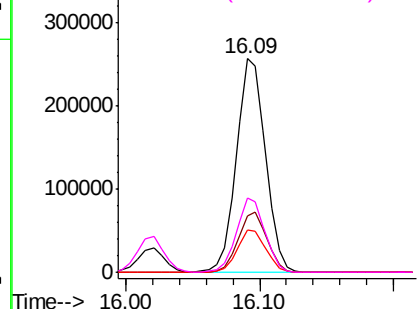
#63
Azobenzene
Concen: 47.186 ng
RT: 16.09 min Scan# 2213
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 77 Resp: 386878
Ion Ratio Lower Upper
77 100
182 26.3 6.4 46.4
105 19.8 0.0 39.8
51 35.0 14.1 54.1

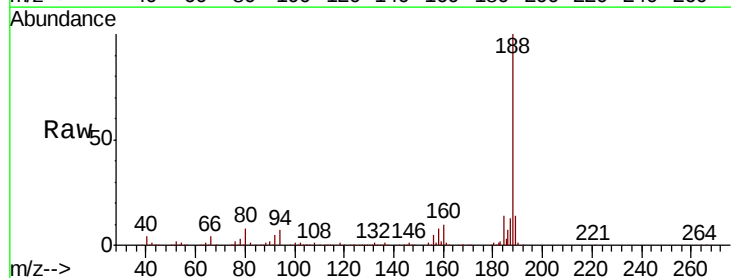


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

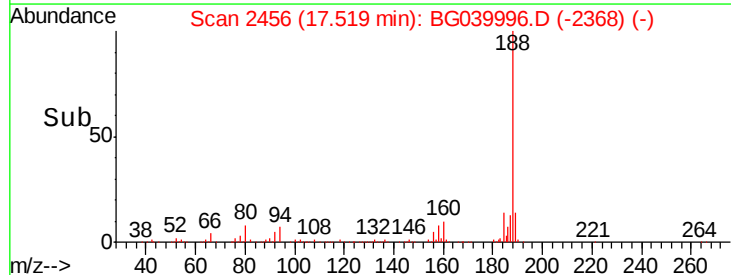
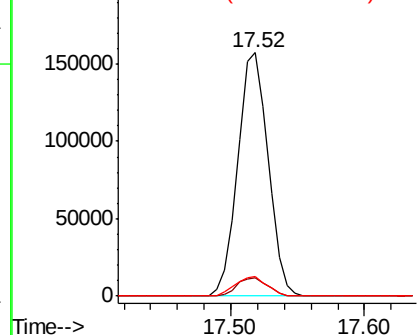


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion: 188 Resp: 248353
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

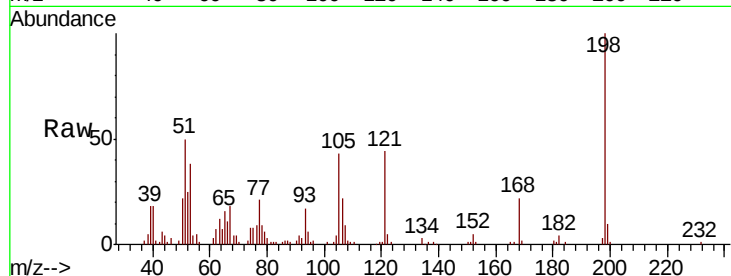




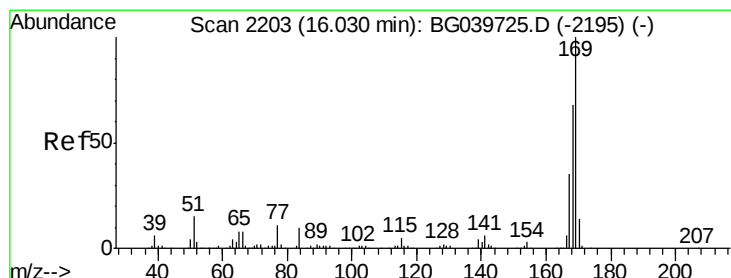
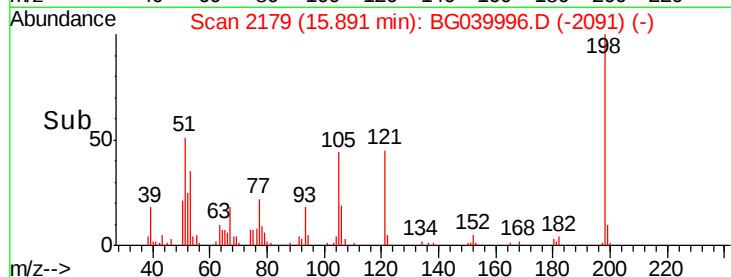
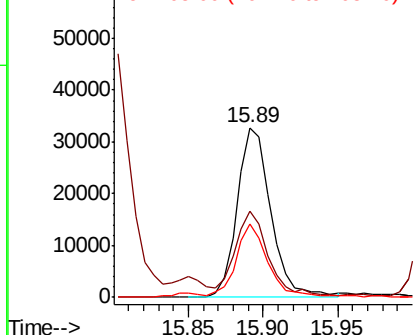
#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.913 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 51268
 Ion Ratio Lower Upper
 198 100
 51 50.5 27.4 67.4
 105 42.9 19.7 59.7

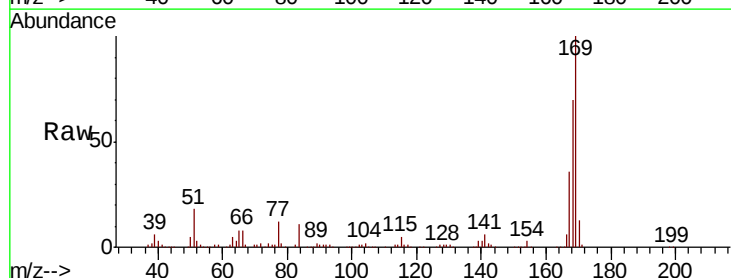


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

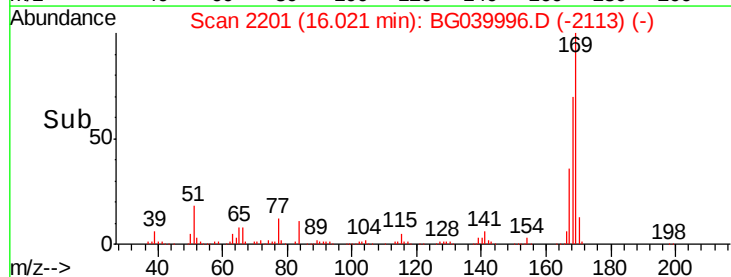
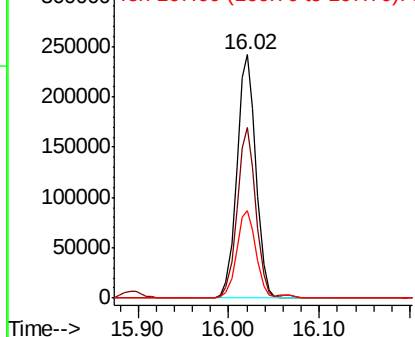


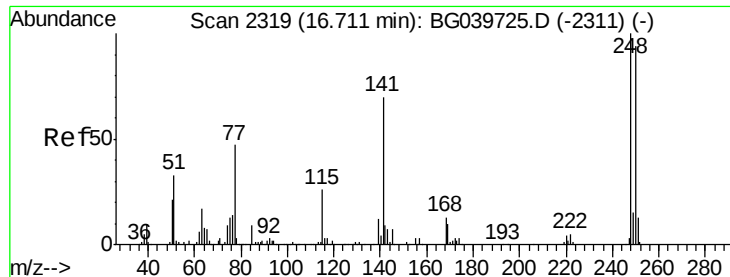
#66
 n-Nitrosodiphenylamine
 Concen: 49.122 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:169 Resp: 353183
 Ion Ratio Lower Upper
 169 100
 168 70.2 56.6 85.0
 167 36.0 28.8 43.2



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

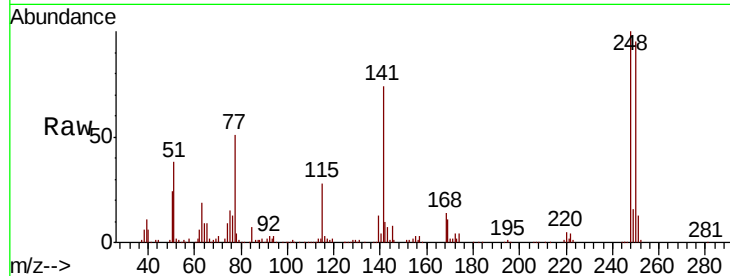




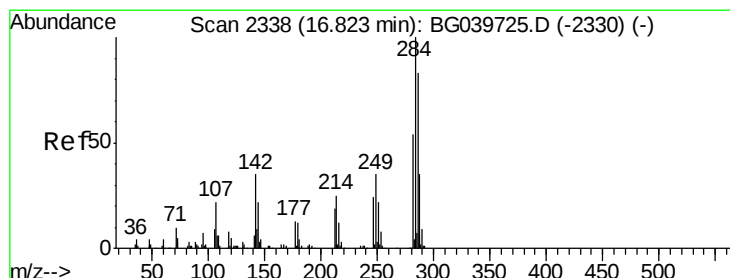
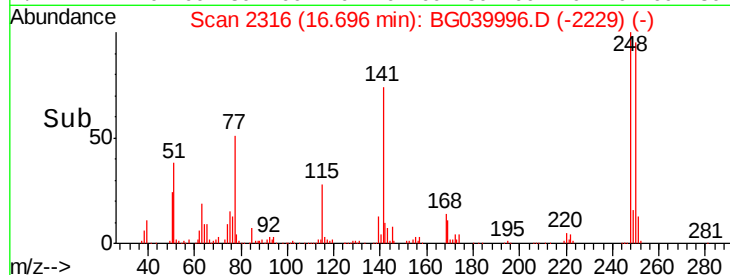
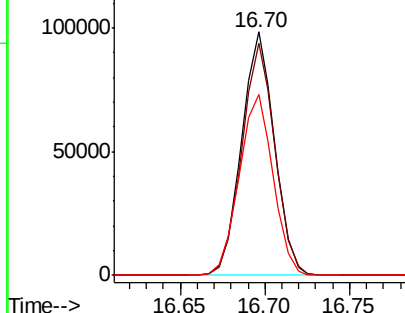
#67
4-Bromophenyl-phenylether
Concen: 47.875 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 133089
Ion Ratio Lower Upper
248 100
250 95.1 77.6 116.4
141 74.2 63.9 95.9

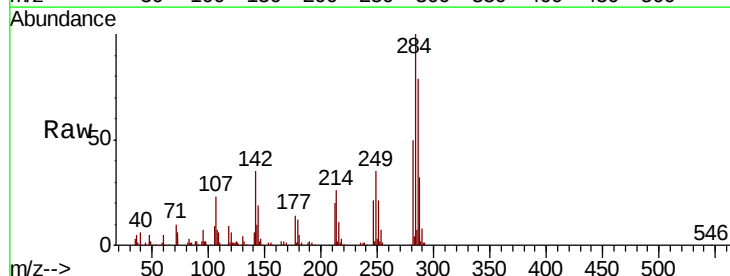


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

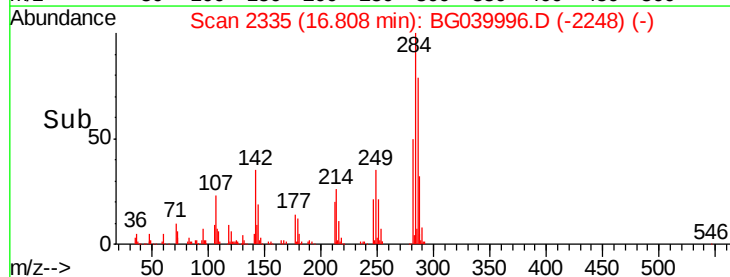
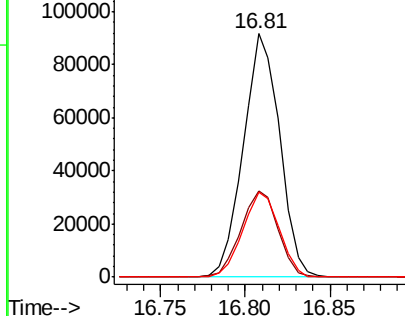


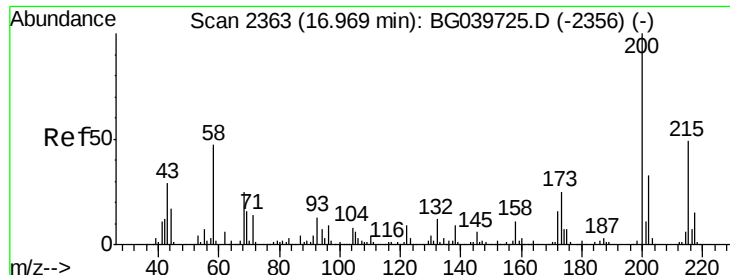
#68
Hexachlorobenzene
Concen: 47.650 ng
RT: 16.81 min Scan# 2335
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:284 Resp: 137307
Ion Ratio Lower Upper
284 100
142 35.2 30.6 45.8
249 34.9 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

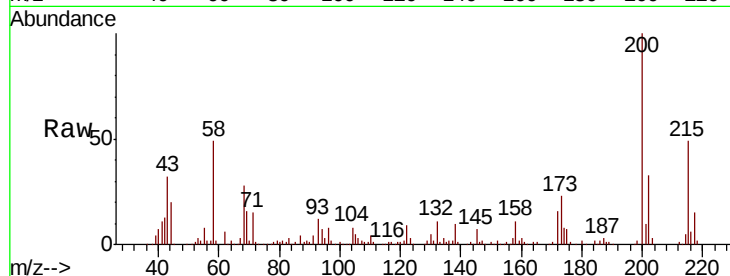




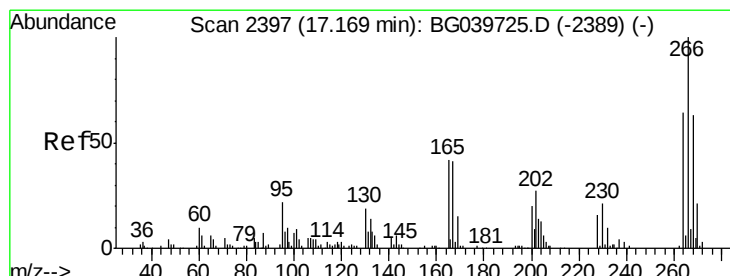
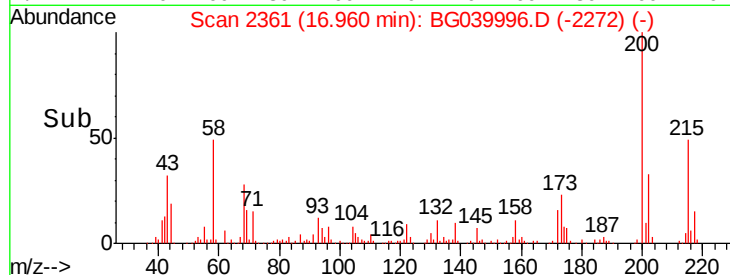
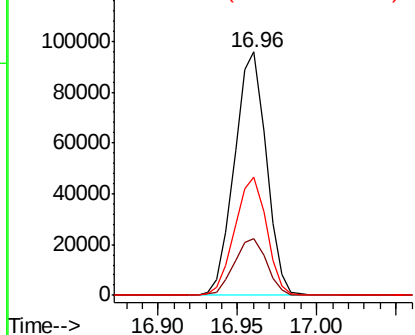
#69
 Atrazine
 Concen: 47.091 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.4	3.9	43.9
215	48.6	30.9	70.9

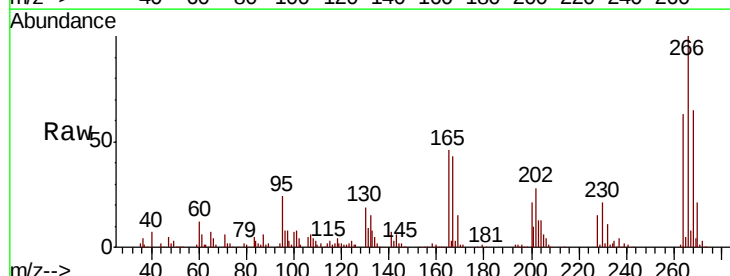


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

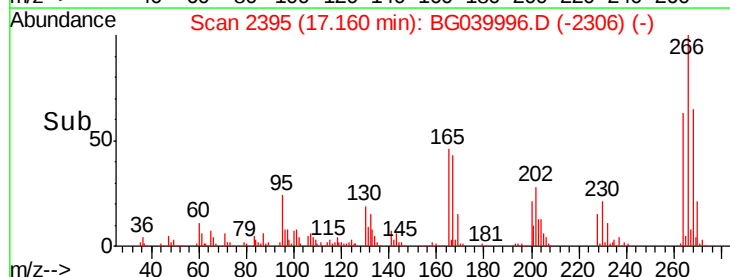
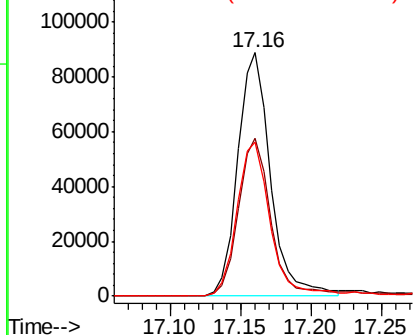


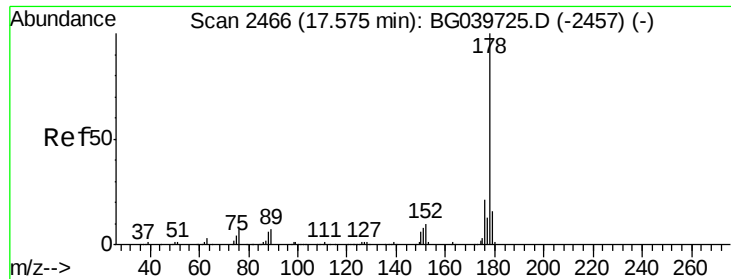
#70
 Pentachlorophenol
 Concen: 79.338 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	63.1	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

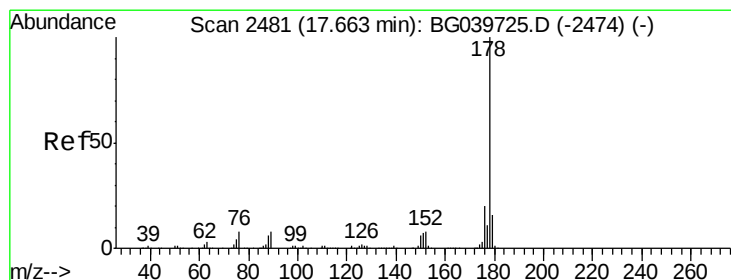
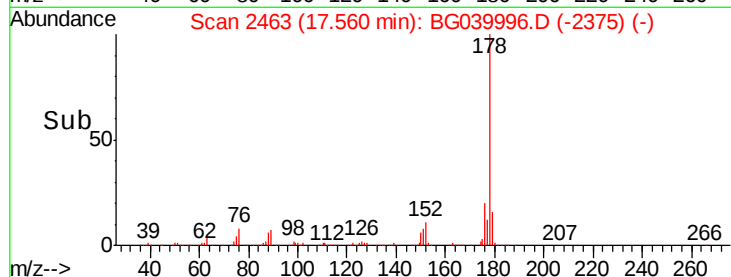
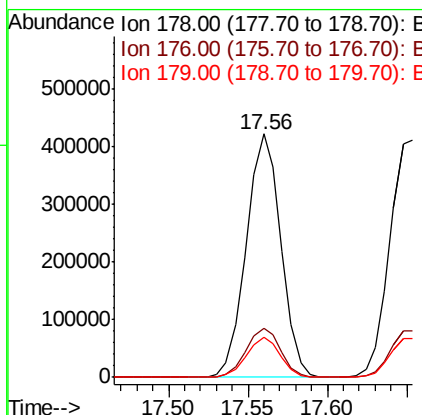
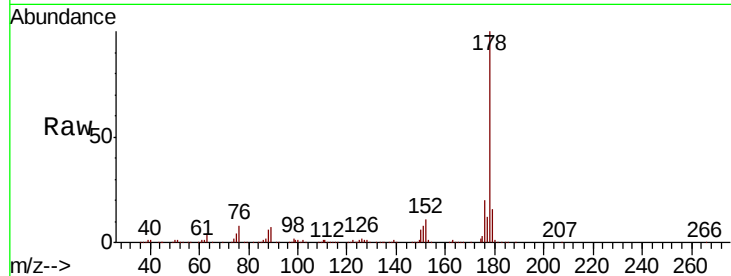




#71
Phenanthrene
Concen: 46.689 ng
RT: 17.56 min Scan# 2463
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

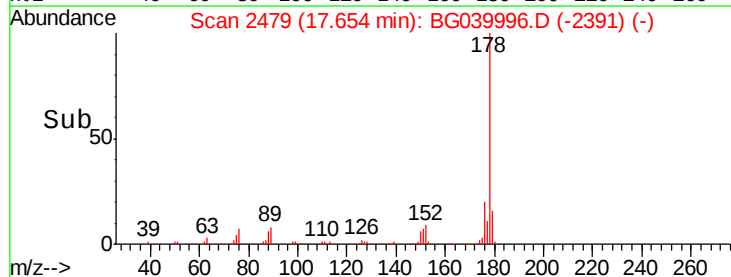
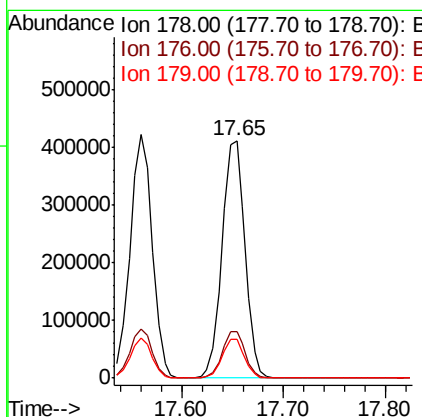
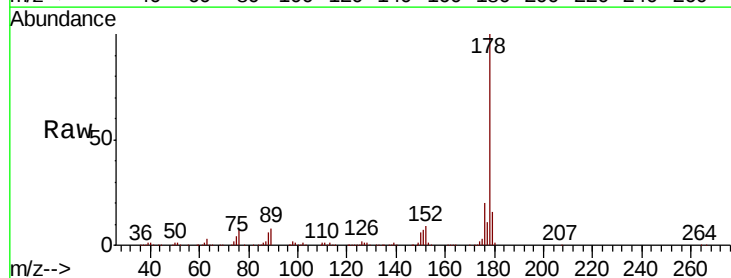
Instrument :
BNA_G
ClientSampleId :

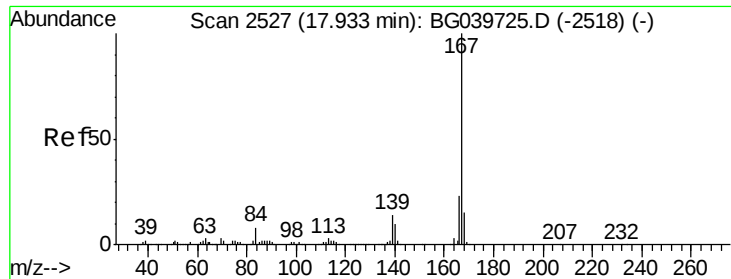
Tot Ion:178 Resp: 638681
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.4
179 16.4 12.6 19.0



#72
Anthracene
Concen: 48.405 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:178 Resp: 645266
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.6
179 16.2 12.5 18.7

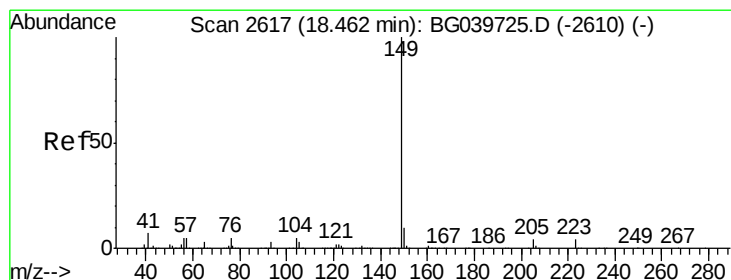
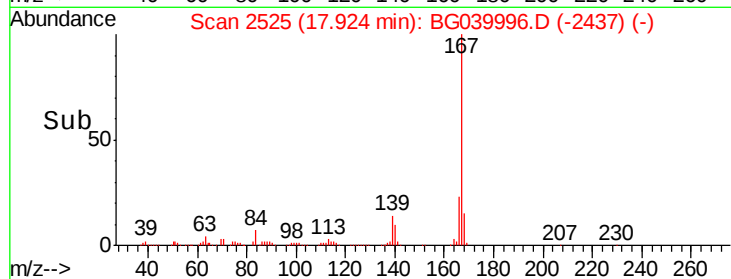
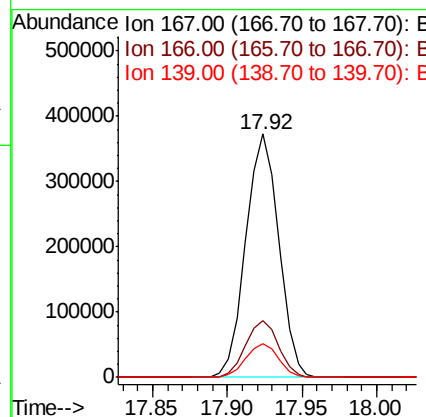
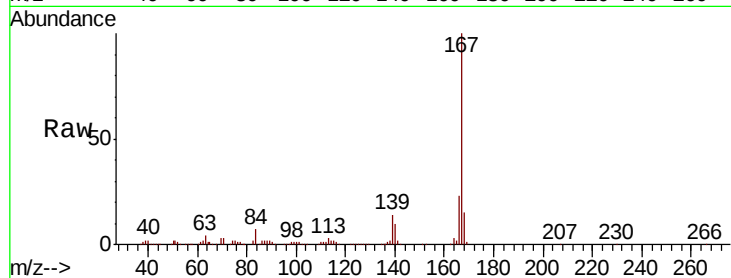




#73
 Carbazole
 Concen: 47.403 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

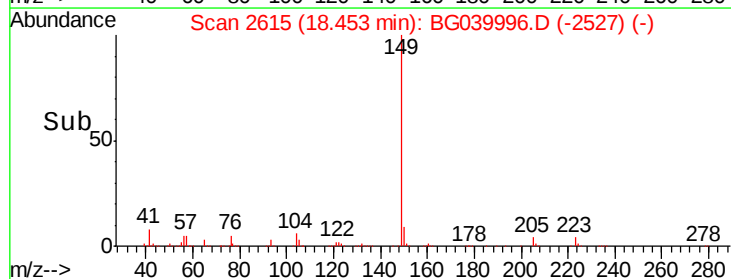
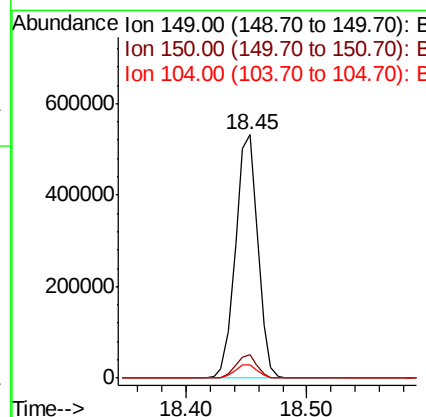
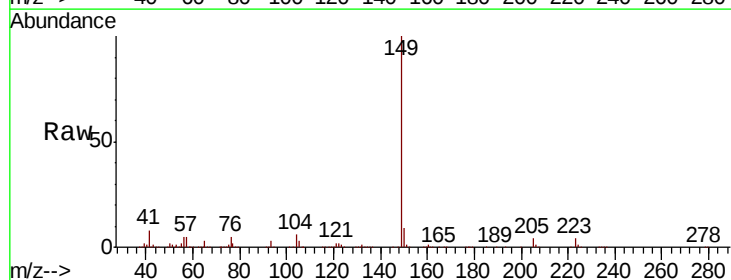
Instrument :
 BNA_G
 ClientSampleId :

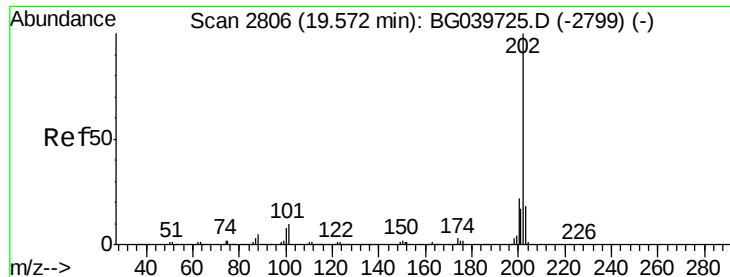
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	19.4	29.2
139	13.9	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 48.328 ng
 RT: 18.45 min Scan# 2615
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.6	4.5	6.7





#75

Fluoranthene

Concen: 47.864 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

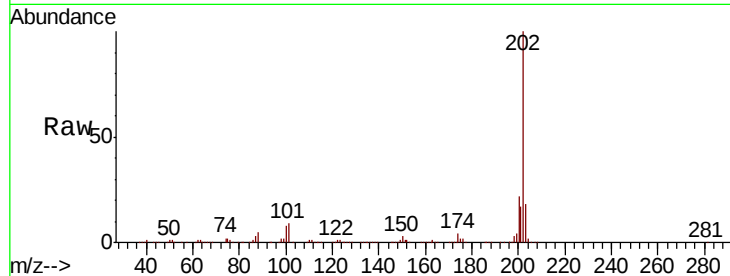
Tot Ion:202 Resp: 773813

Ion Ratio Lower Upper

202 100

101 8.7 0.0 30.0

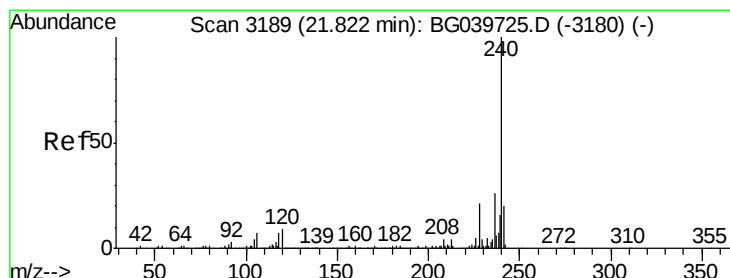
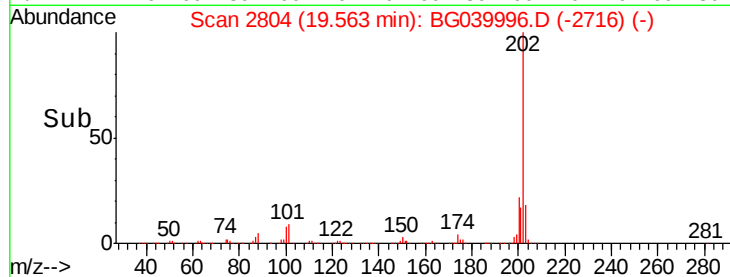
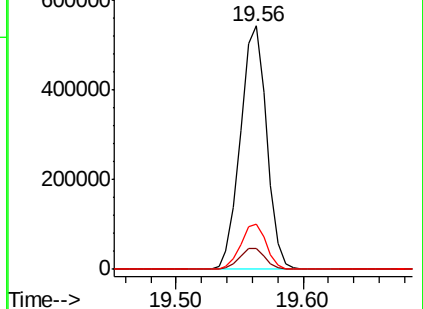
203 18.5 0.0 38.9



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: BG039996.D

Acq: 19 Mar 2019 8:24

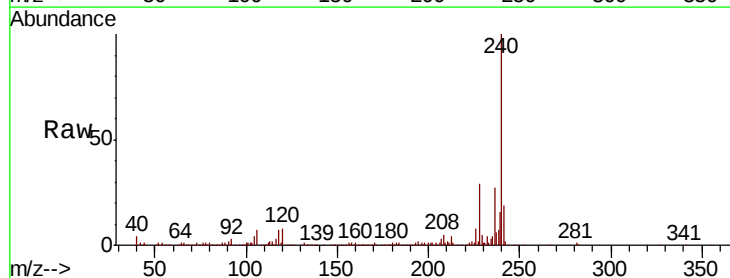
Tgt Ion:240 Resp: 262272

Ion Ratio Lower Upper

240 100

120 7.5 7.0 10.6

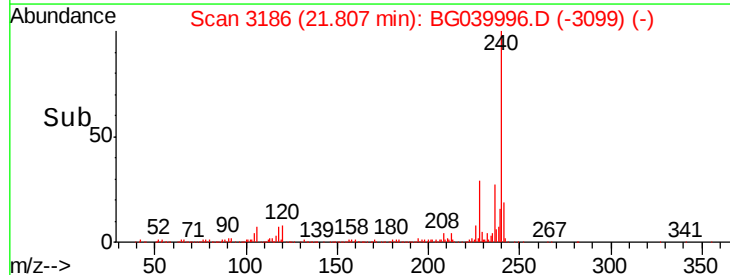
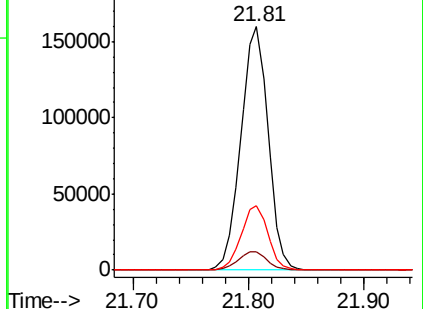
236 26.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 4.278 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampleId :

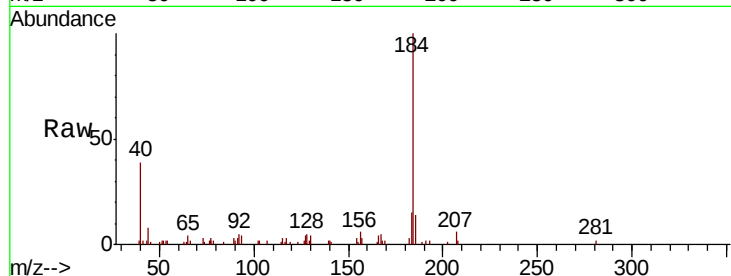
Tot Ion:184 Resp: 35601

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

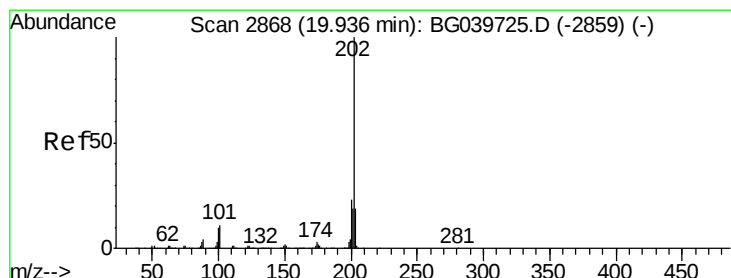
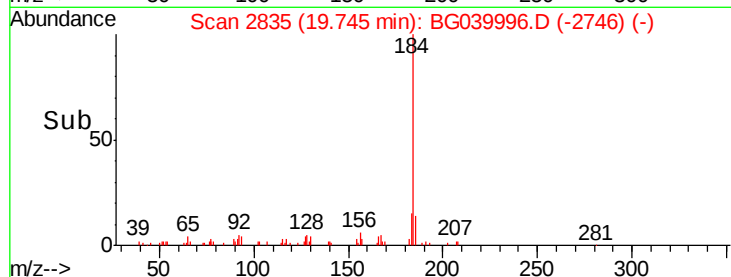
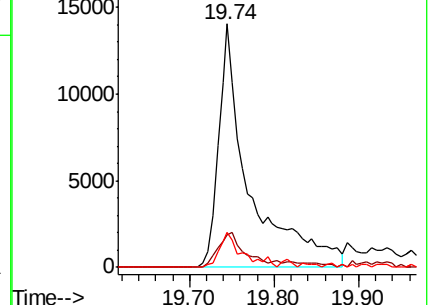
183 14.6 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 46.394 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

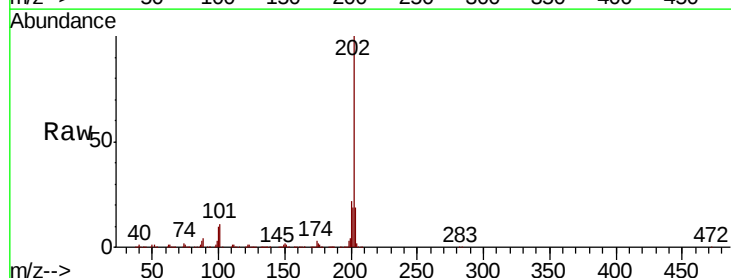
Tgt Ion:202 Resp: 790675

Ion Ratio Lower Upper

202 100

200 22.2 17.8 26.8

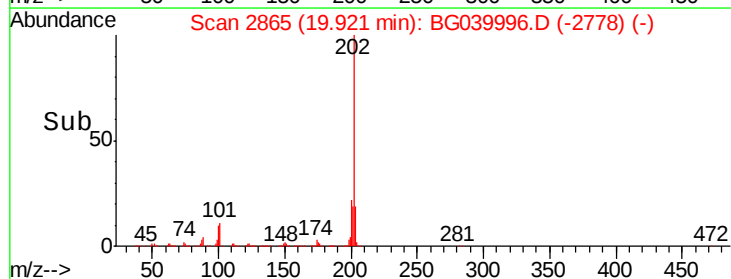
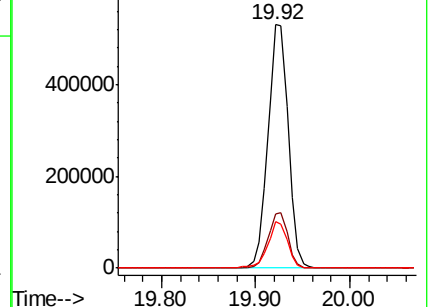
203 18.9 15.3 22.9



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: 97.236 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Instrument :

BNA_G

ClientSampled :

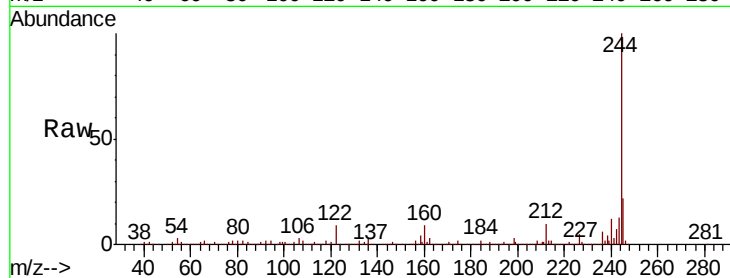
Tot Ion:244 Resp: 1158249

Ion Ratio Lower Upper

244 100

212 9.5 7.3 10.9

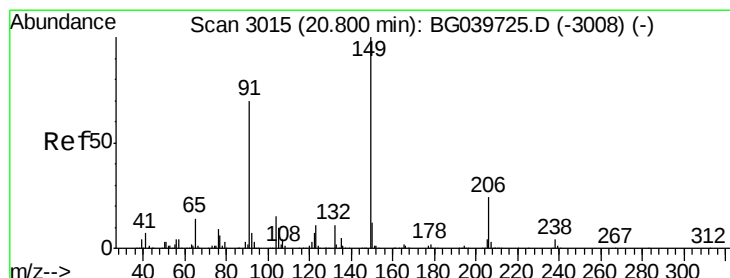
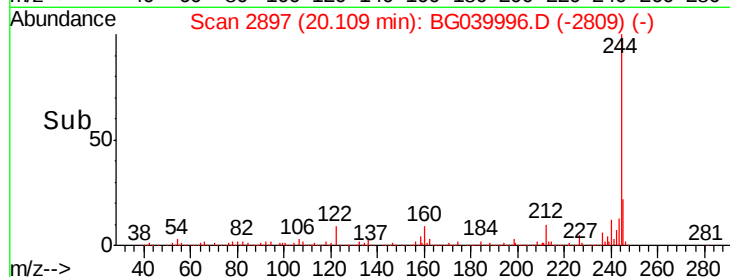
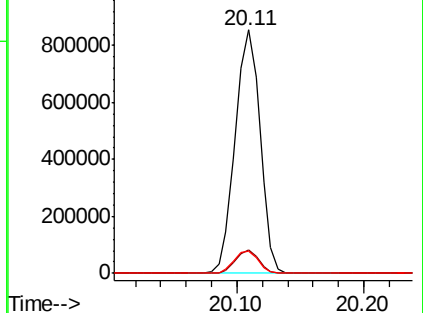
122 9.1 8.4 12.6



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: 50.805 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

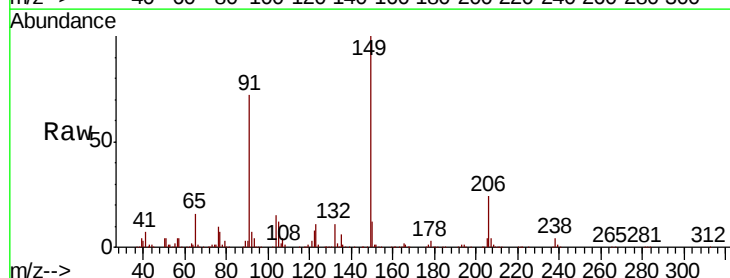
Tgt Ion:149 Resp: 335451

Ion Ratio Lower Upper

149 100

91 72.1 59.5 89.3

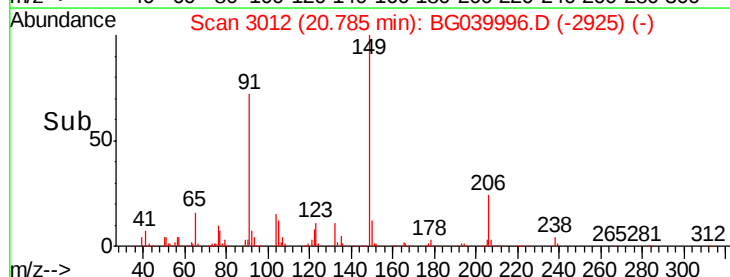
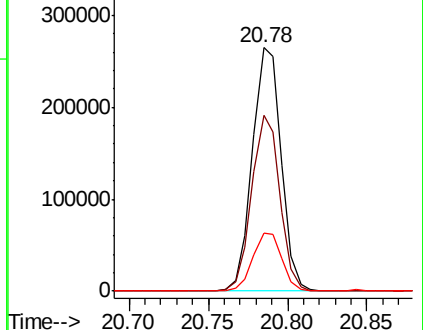
206 24.0 18.6 27.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.638 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

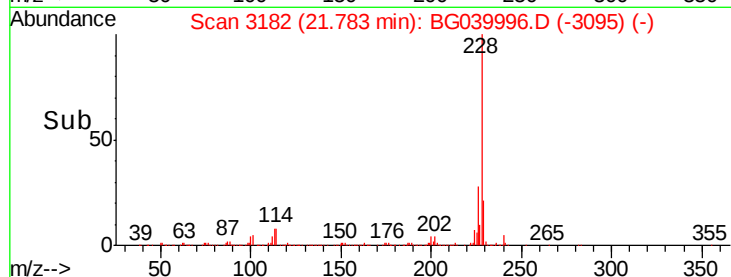
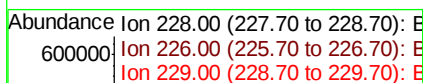
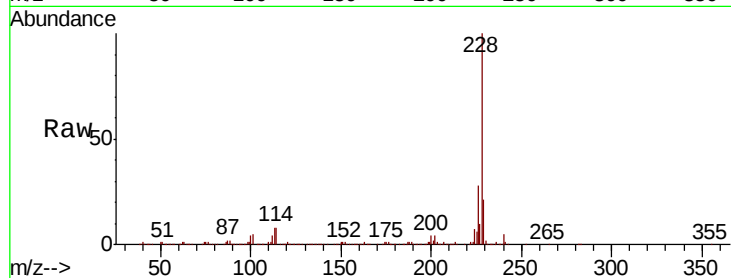
Instrument :

BNA_G

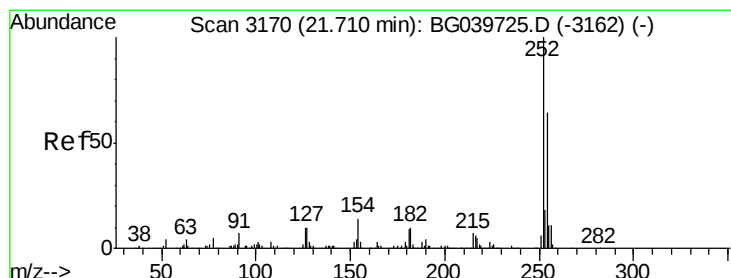
ClientSampleId :

Tot Ion:228 Resp: 766606

Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.8	16.9	25.3



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 14.008 ng

RT: 21.70 min Scan# 3167

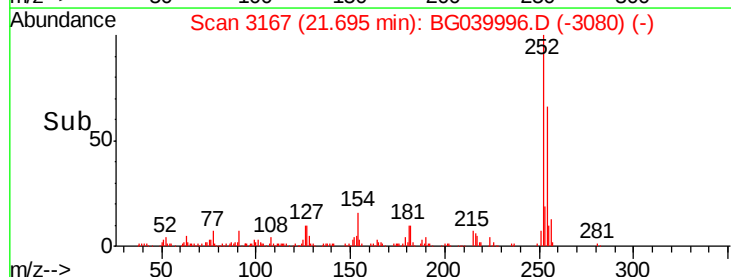
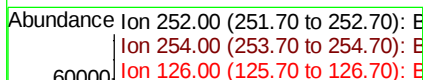
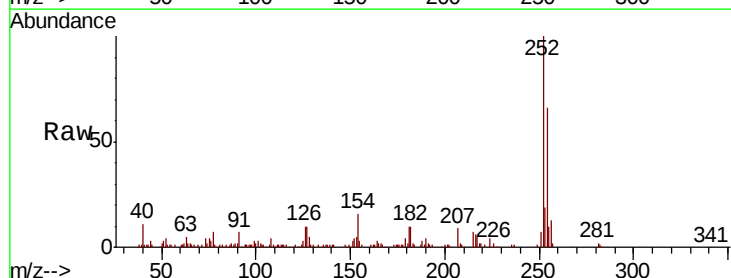
Delta R.T. -0.02 min

Lab File: BG039996.D

Acq: 19 Mar 2019 8:24

Tgt Ion:252 Resp: 84065

Ion	Ratio	Lower	Upper
252	100		
254	66.3	51.3	76.9
126	9.5	8.0	12.0



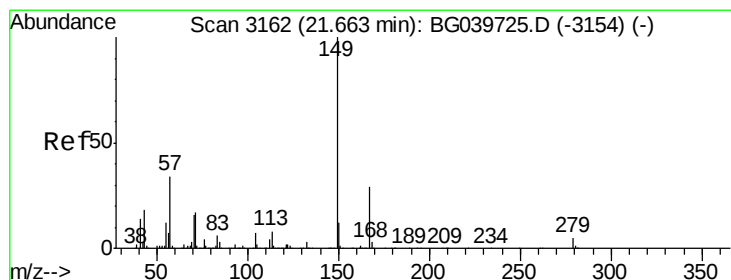
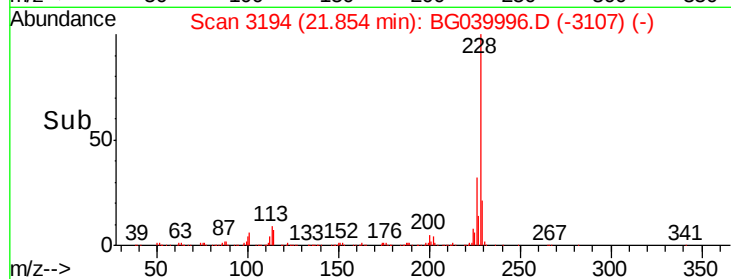
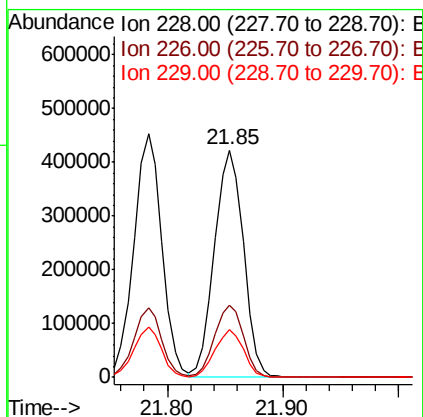
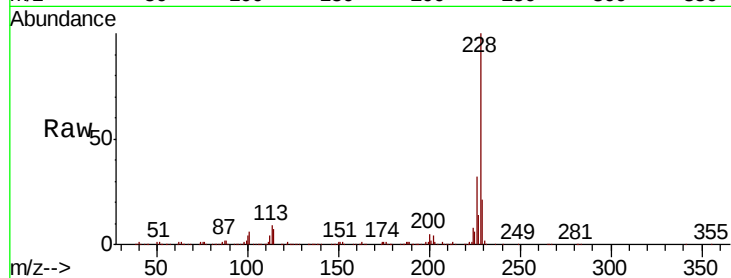
Time-->



#83
 Chrvsene
 Concen: 46.019 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

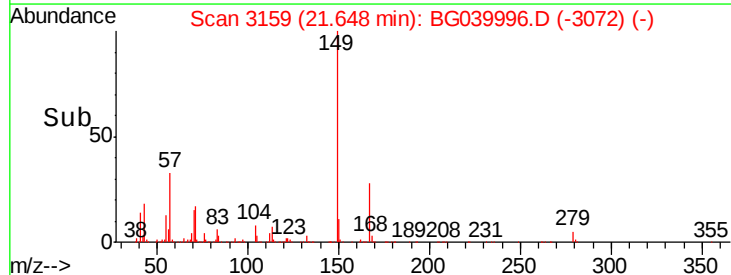
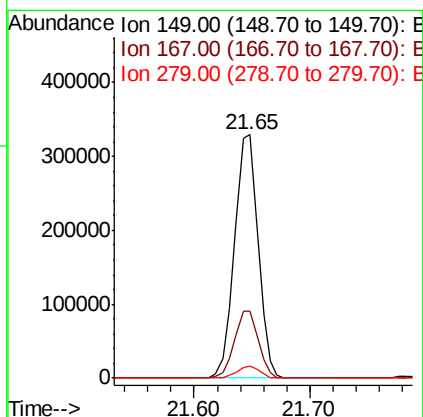
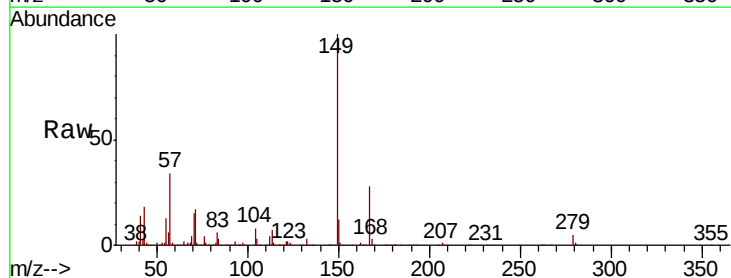
Instrument :
 BNA_G
 ClientSampleId :

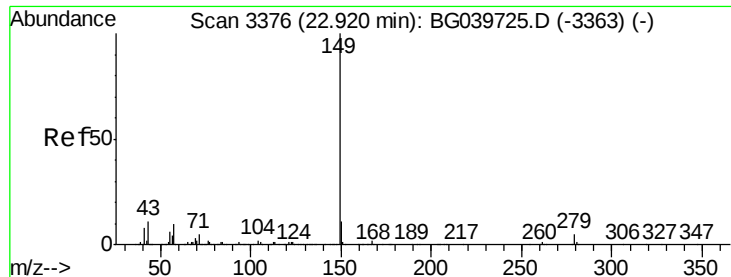
Tot Ion:228 Resp: 733336
 Ion Ratio Lower Upper
 228 100
 226 31.9 25.8 38.6
 229 20.8 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.361 ng
 RT: 21.65 min Scan# 3159
 Delta R.T. -0.02 min
 Lab File: BG039996.D
 Acq: 19 Mar 2019 8:24

Tgt Ion:149 Resp: 467268
 Ion Ratio Lower Upper
 149 100
 167 27.7 22.6 34.0
 279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 51.698 ng

RT: 22.90 min Scan# 3372

Delta R.T. -0.03 min

Lab File: BG039996.D

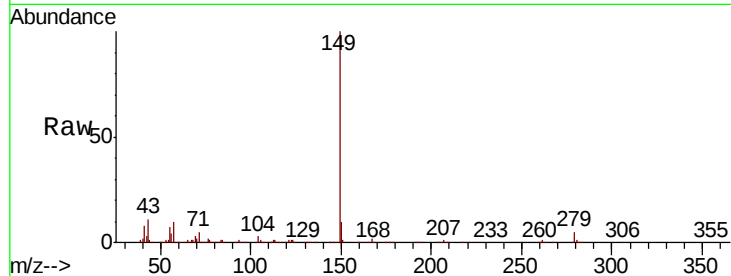
Acq: 19 Mar 2019 8:24

Instrument :

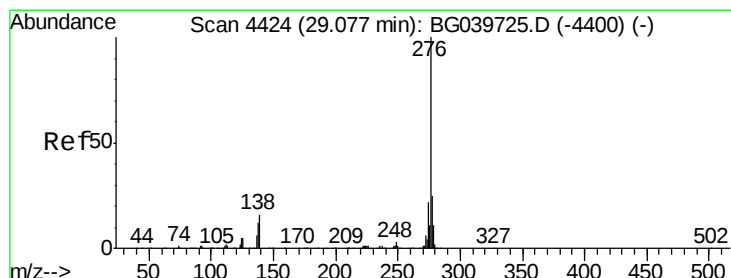
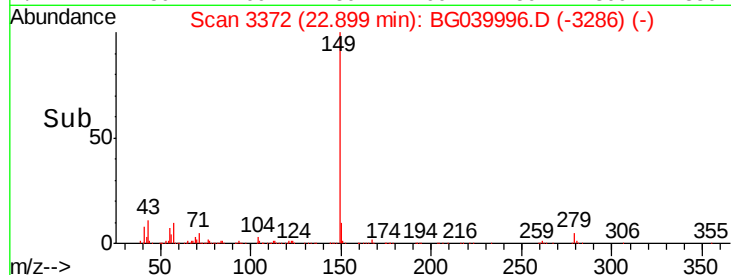
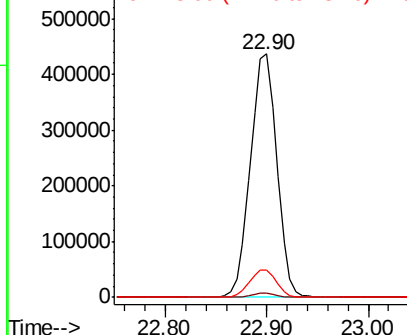
BNA_G

ClientSampled :

Tot Ion:	149	Resp:	794239
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	11.5	10.2	15.4



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.519 ng

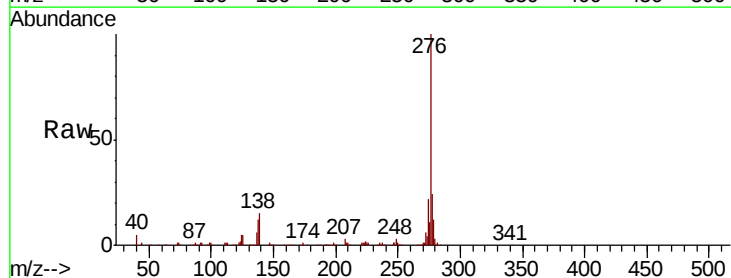
RT: 29.03 min Scan# 4416

Delta R.T. -0.06 min

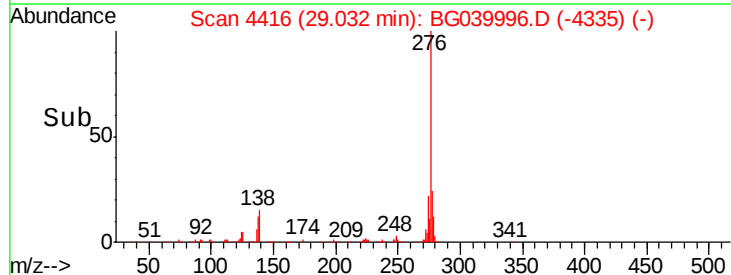
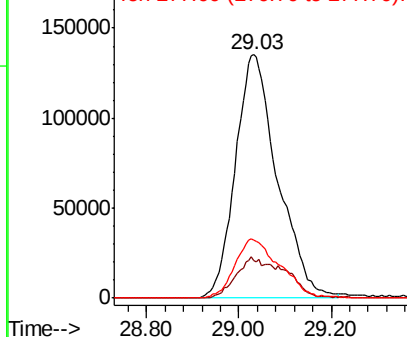
Lab File: BG039996.D

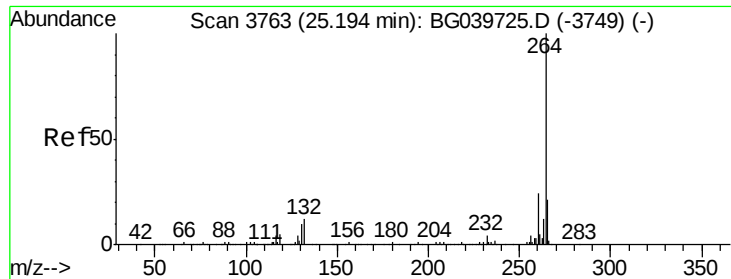
Acq: 19 Mar 2019 8:24

Tgt Ion:	276	Resp:	859054
Ion Ratio	Lower	Upper	
276	100		
138	13.6	12.6	19.0
277	25.6	20.8	31.2



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

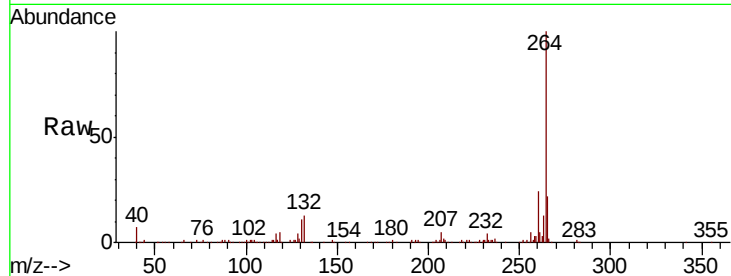




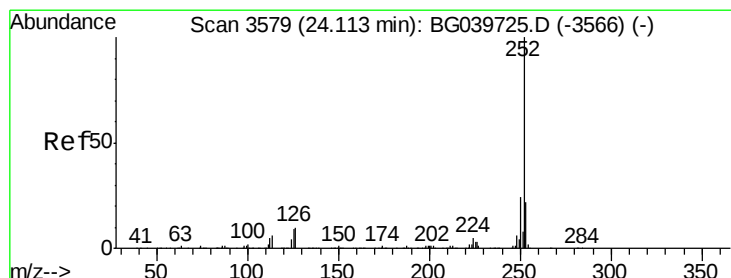
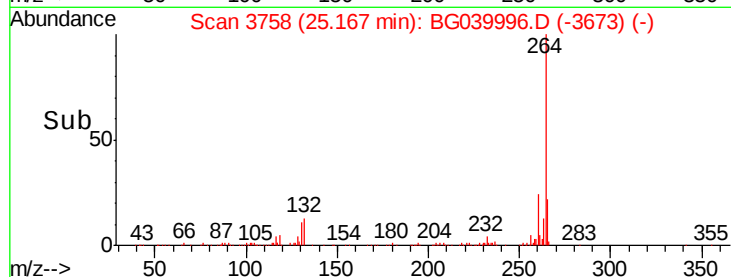
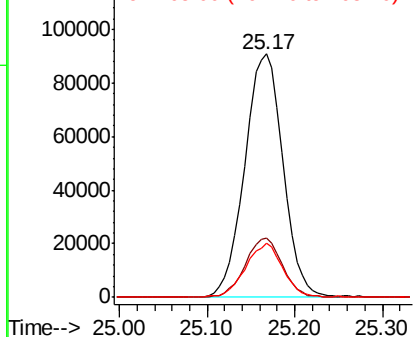
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3758
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 271024
Ion Ratio Lower Upper
264 100
260 24.1 18.2 27.4
265 22.1 18.5 27.7

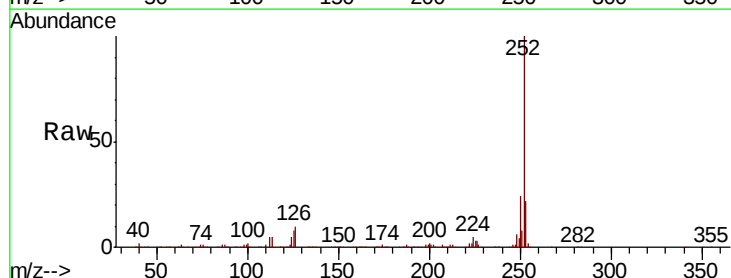


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

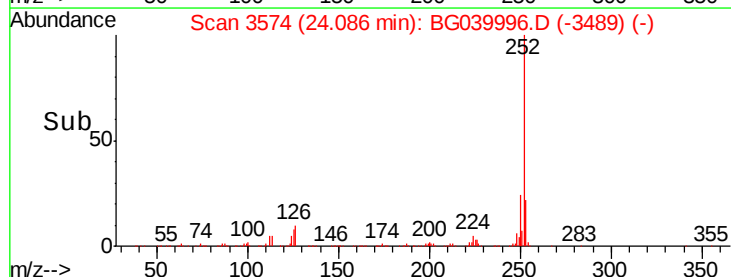
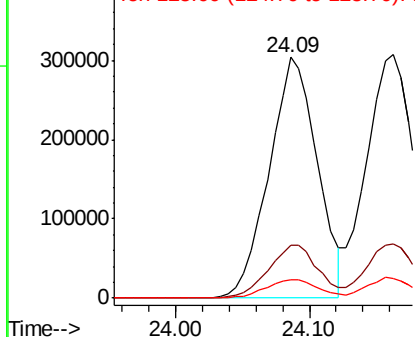


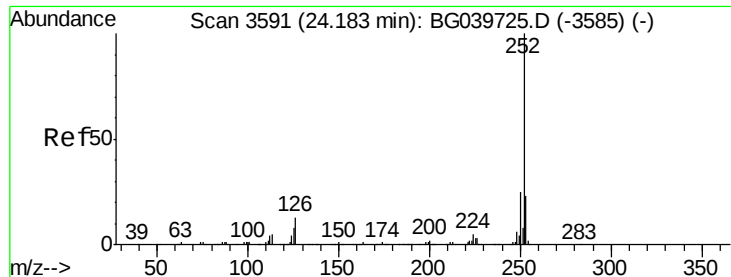
#88
Benzo(b)fluoranthene
Concen: 46.996 ng
RT: 24.09 min Scan# 3574
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion:252 Resp: 759538
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 7.8 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

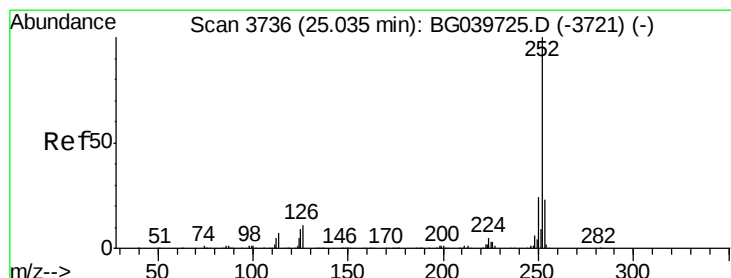
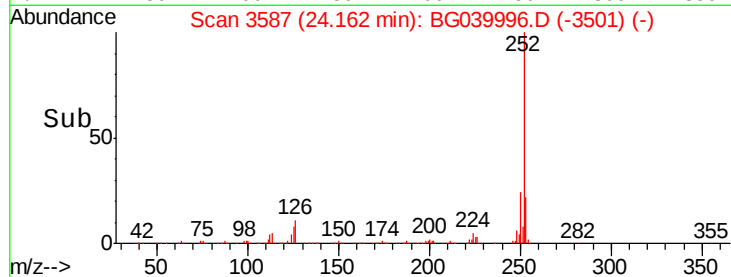
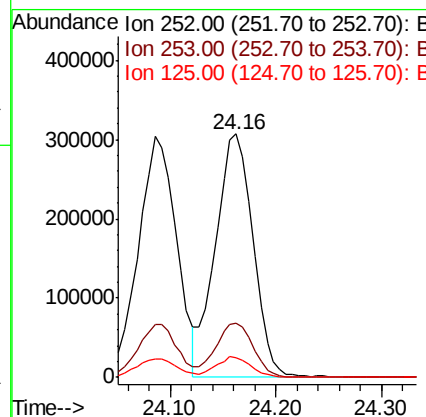
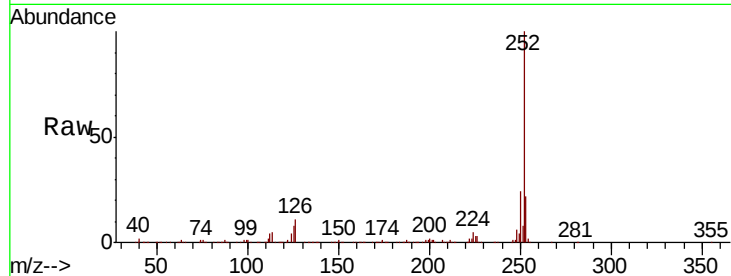




#89
Benzo(k)fluoranthene
Concen: 50.313 ng
RT: 24.16 min Scan# 3587
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

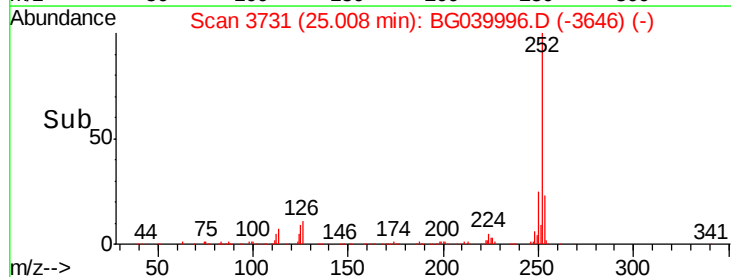
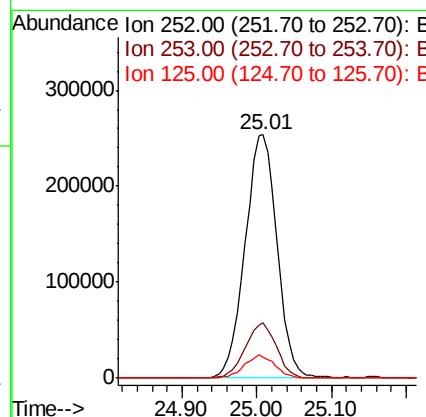
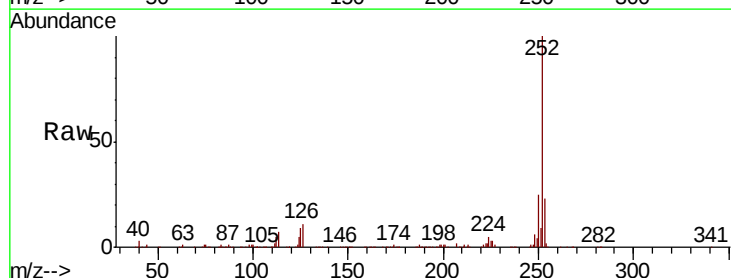
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.9	7.4	11.2



#90
Benzo(a)pyrene
Concen: 50.527 ng
RT: 25.01 min Scan# 3731
Delta R.T. -0.03 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.9	26.9
125	8.6	8.3	12.5

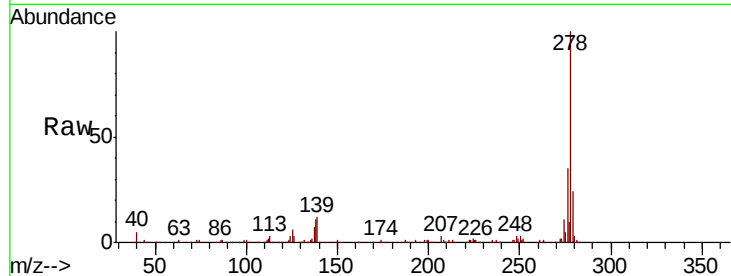




#91
Dibenzo(a,h)anthracene
Concen: 47.950 ng
RT: 29.10 min Scan# 4428
Delta R.T. -0.05 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.0	11.7	17.5
279	23.8	19.1	28.7

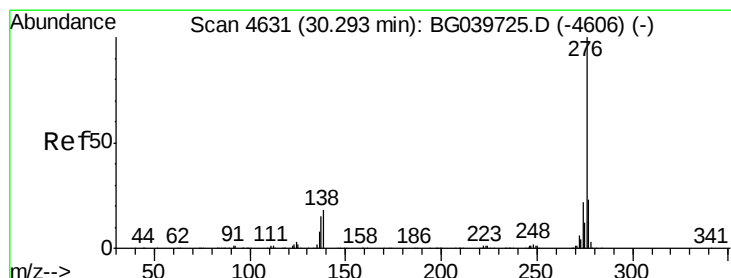
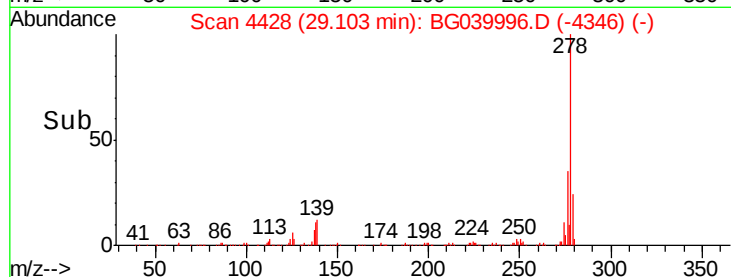
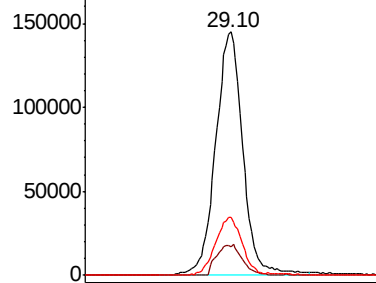


Abundance

Ion 278.00 (277.70 to 278.70): E

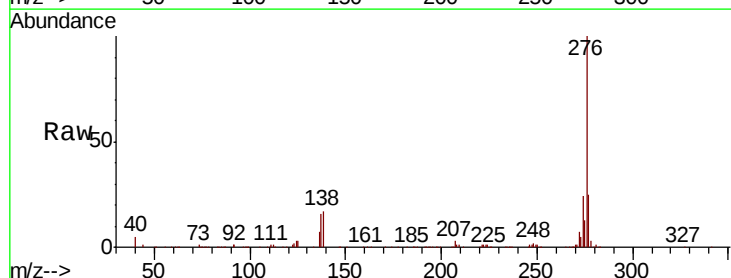
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.539 ng
RT: 30.25 min Scan# 4623
Delta R.T. -0.06 min
Lab File: BG039996.D
Acq: 19 Mar 2019 8:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	16.8	14.7	22.1



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

