

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040036.D
 Acq On : 20 Mar 2019 15:03
 Operator : JU/SJ
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:27:06 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	38785	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	179928	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	119491	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	285487	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	267775	20.00	ng	-0.02
87) Perylene-d12	25.15	264	272197	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	179010	78.74	ng	-0.02
7) Phenol-d6	7.29	99	273969	80.82	ng	-0.02
23) Nitrobenzene-d5	9.32	82	272756	81.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	116323	83.52	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	672666	80.15	ng	-0.02
79) Terphenyl-d14	20.11	244	983823	80.90	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	34686	33.047	ng	92
3) Pyridine	3.98	79	103622	36.877	ng	96
4) n-Nitrosodimethylamine	3.90	42	50765	38.083	ng	# 89
6) Aniline	7.47	93	176017	39.633	ng	99
8) 2-Chlorophenol	7.70	128	109156	39.576	ng	97
9) Benzaldehyde	7.28	77	74973	34.287	ng	97
10) Phenol	7.32	94	145688	39.672	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	117513	41.043	ng	97
12) 1,3-Dichlorobenzene	8.03	146	124951	40.057	ng	98
13) 1,4-Dichlorobenzene	8.18	146	125334	39.446	ng	98
14) 1,2-Dichlorobenzene	8.50	146	122361	39.858	ng	98
15) Benzyl Alcohol	8.38	79	107486	39.973	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	223338	39.002	ng	99
17) 2-Methylphenol	8.57	107	95086	40.608	ng	96
18) Hexachloroethane	9.23	117	46119	40.453	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	95398	39.099	ng	91
20) 3+4-Methylphenols	8.90	107	131381	40.388	ng	97
22) Acetophenone	8.97	105	191969	39.752	ng	# 92
24) Nitrobenzene	9.36	77	140008	40.116	ng	96
25) Isophorone	9.88	82	278209	39.911	ng	97
26) 2-Nitrophenol	10.07	139	71194	42.250	ng	96
27) 2,4-Dimethylphenol	10.11	122	105453	40.238	ng	97
28) bis(2-Chloroethoxy)methane	10.35	93	168617	39.804	ng	97
29) 2,4-Dichlorophenol	10.60	162	120920	40.980	ng	92
30) 1,2,4-Trichlorobenzene	10.82	180	130884	39.419	ng	100
31) Naphthalene	11.01	128	373965	39.256	ng	99
32) Benzoic acid	10.24	122	56219	33.546	ng	97
33) 4-Chloroaniline	11.12	127	163089	40.373	ng	98
34) Hexachlorobutadiene	11.28	225	91946	40.525	ng	95
35) Caprolactam	11.92	113	44590	39.560	ng	# 87
36) 4-Chloro-3-methylphenol	12.23	107	133285	39.405	ng	97
37) 2-Methylnaphthalene	12.61	142	283443	39.797	ng	98
38) 1-Methylnaphthalene	12.83	142	275457	39.798	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	161508	39.898	ng	98

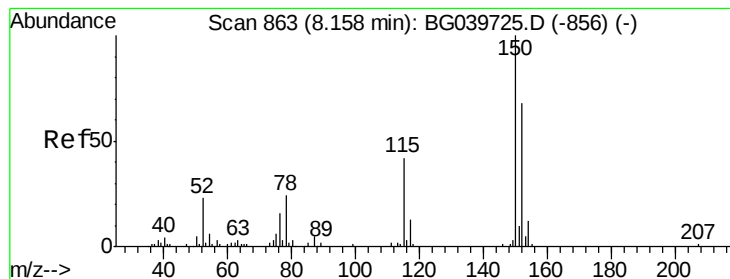
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040036.D
 Acq On : 20 Mar 2019 15:03
 Operator : JU/SJ
 Sample : SSTDC0040
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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:27:06 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)
41) Hexachlorocyclopentadiene	12.93	237	90705	41.812	ng	99
43) 2,4,6-Trichlorophenol	13.20	196	99437	41.957	ng	100
44) 2,4,5-Trichlorophenol	13.28	196	108543	40.632	ng	98
46) 1,1'-Biphenyl	13.60	154	393241	40.012	ng	100
47) 2-Chloronaphthalene	13.66	162	296212	40.064	ng	97
48) 2-Nitroaniline	13.86	65	99349	41.813	ng	95
49) Acenaphthylene	14.50	152	486885	40.115	ng	98
50) Dimethylphthalate	14.22	163	394627	39.495	ng	100
51) 2,6-Dinitrotoluene	14.35	165	89615	42.307	ng	95
52) Acenaphthene	14.84	154	290570	39.776	ng	99
53) 3-Nitroaniline	14.68	138	87169	40.939	ng	# 89
54) 2,4-Dinitrophenol	14.88	184	50839	40.814	ng	97
55) Dibenzofuran	15.17	168	472891	39.456	ng	99
56) 4-Nitrophenol	14.98	139	70999	37.275	ng	# 86
57) 2,4-Dinitrotoluene	15.13	165	127021	42.677	ng	86
58) Fluorene	15.81	166	376607	39.971	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	107928	41.369	ng	97
60) Diethylphthalate	15.57	149	394356	39.870	ng	98
61) 4-Chlorophenyl-phenylether	15.79	204	198709	39.521	ng	96
62) 4-Nitroaniline	15.85	138	94128	40.777	ng	95
63) Azobenzene	16.09	77	360887	40.250	ng	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	71400	42.299	ng	98
66) n-Nitrosodiphenylamine	16.02	169	338235	40.924	ng	98
67) 4-Bromophenyl-phenylether	16.69	248	130381	40.801	ng	94
68) Hexachlorobenzene	16.81	284	135960	41.046	ng	96
69) Atrazine	16.95	200	125849	38.690	ng	95
70) Pentachlorophenol	17.16	266	82039	39.216	ng	99
71) Phenanthrene	17.56	178	618625	39.340	ng	99
72) Anthracene	17.65	178	610390	39.833	ng	99
73) Carbazole	17.92	167	529601	38.336	ng	99
74) Di-n-butylphthalate	18.44	149	646148	39.754	ng	100
75) Fluoranthene	19.56	202	711038	38.261	ng	99
77) Benzidine	19.74	184	272393	32.056	ng	99
78) Pyrene	19.92	202	708400	40.712	ng	99
80) Butylbenzylphthalate	20.78	149	279925	41.524	ng	97
81) Benzo(a)anthracene	21.78	228	658122	39.215	ng	99
82) 3,3'-Dichlorobenzidine	21.69	252	233913	38.177	ng	99
83) Chrysene	21.85	228	630638	38.761	ng	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	398305	42.046	ng	98
85) Di-n-octyl phthalate	22.89	149	662295	42.224	ng	95
86) Indeno(1,2,3-cd)pyrene	29.02	276	736744	39.916	ng	# 96
88) Benzo(b)fluoranthene	24.08	252	646515	39.831	ng	97
89) Benzo(k)fluoranthene	24.15	252	589428	39.011	ng	97
90) Benzo(a)pyrene	25.00	252	605101	40.343	ng	98
91) Dibenzo(a,h)anthracene	29.09	278	580130	39.453	ng	97
92) Benzo(g,h,i)perylene	30.24	276	594252	40.239	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

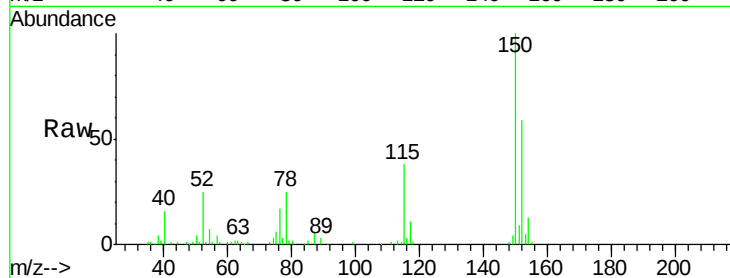
Tot Ion:152 Resp: 38785

Ion Ratio Lower Upper

152 100

150 168.3 123.7 185.5

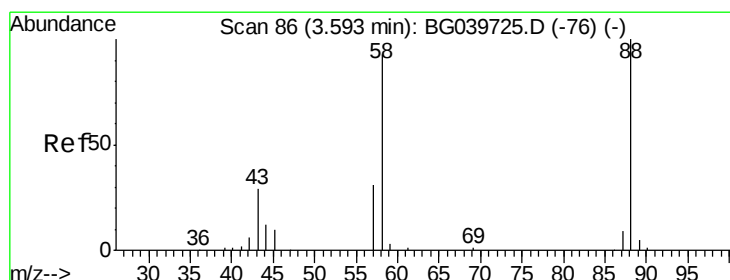
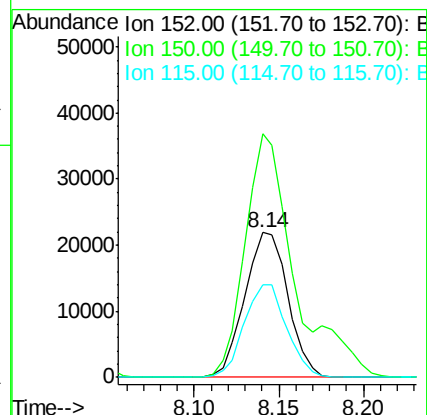
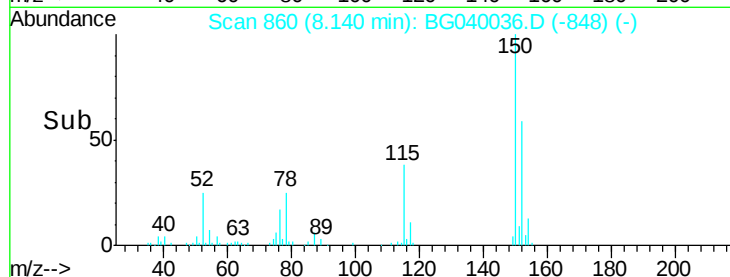
115 64.1 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.047 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

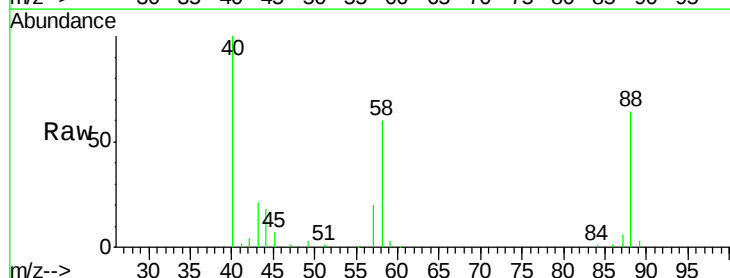
Tgt Ion: 88 Resp: 34686

Ion Ratio Lower Upper

88 100

58 93.5 81.1 121.7

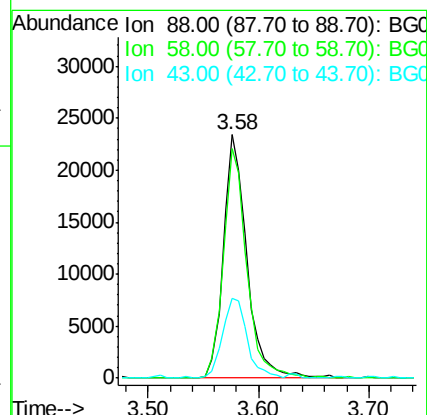
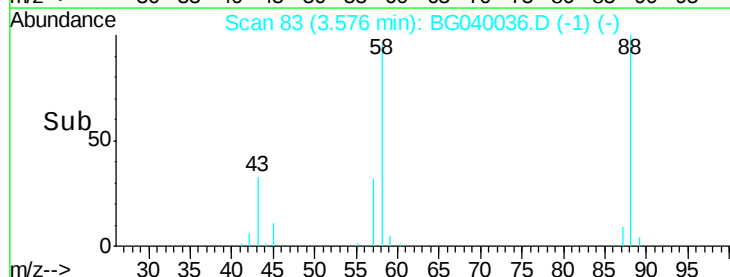
43 34.3 31.4 47.0

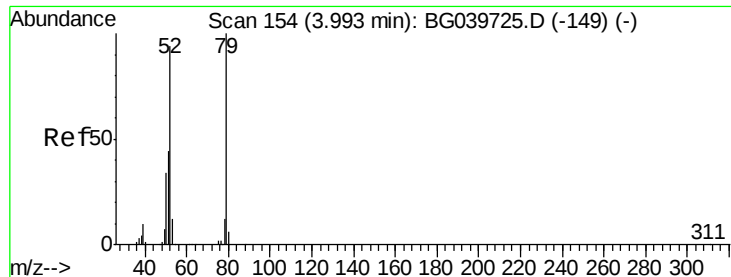


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.877 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

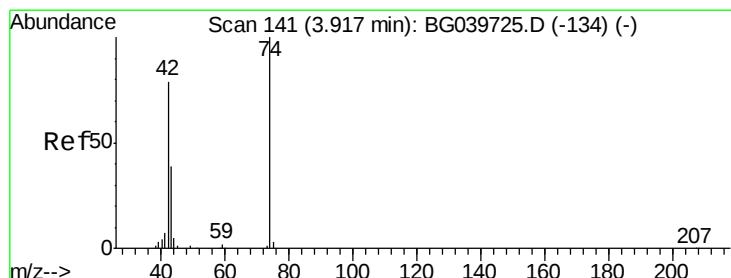
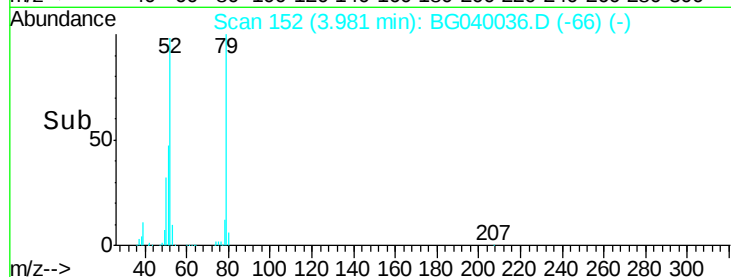
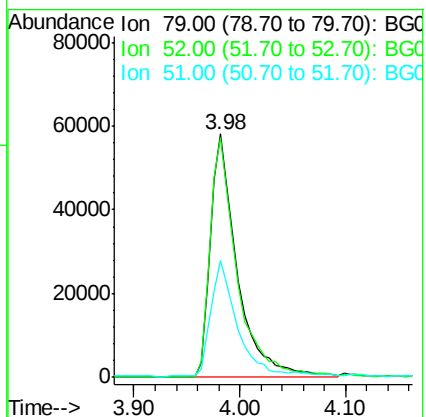
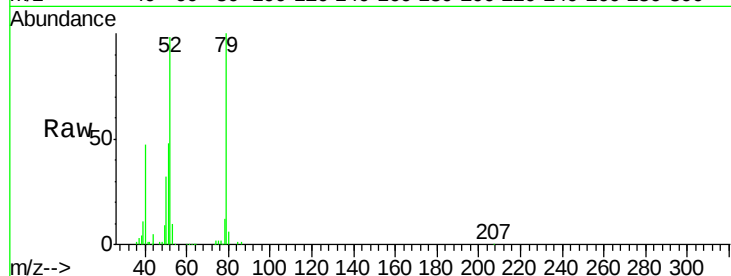
Tot Ion: 79 Resp: 103622

Ion Ratio Lower Upper

79 100

52 98.4 82.6 124.0

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.083 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

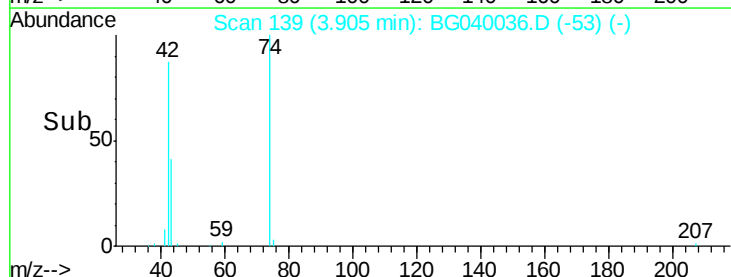
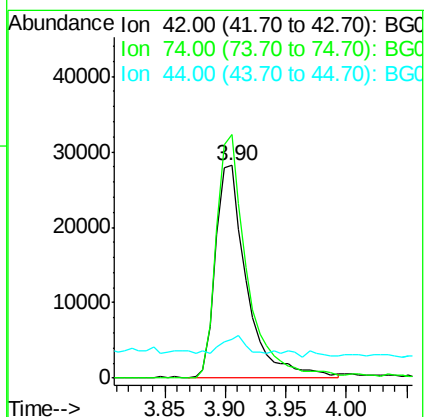
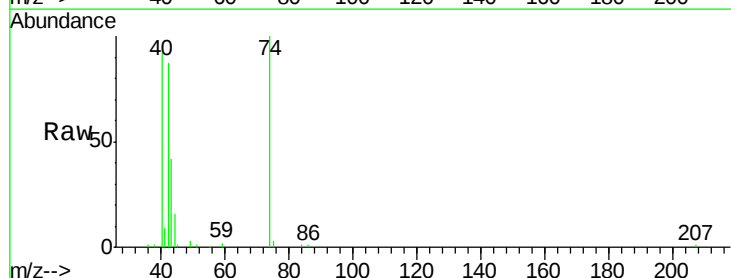
Tgt Ion: 42 Resp: 50765

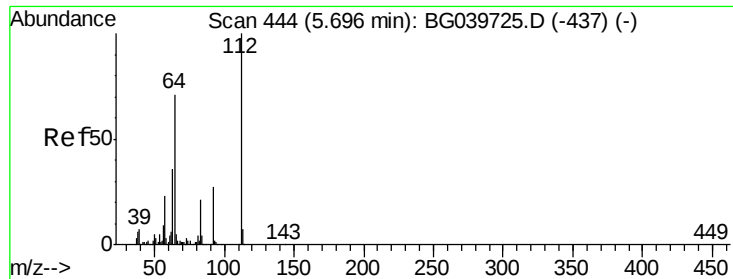
Ion Ratio Lower Upper

42 100

74 114.7 83.6 125.4

44 18.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 78.740 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

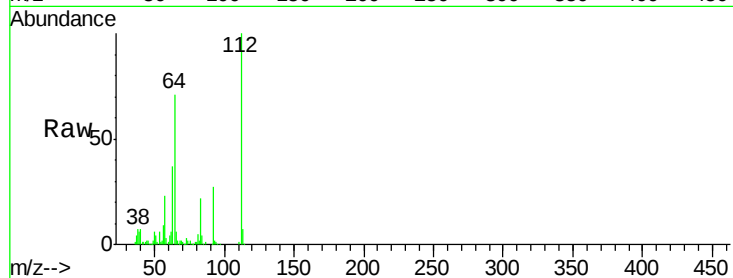
Tot Ion:112 Resp: 179010

Ion Ratio Lower Upper

112 100

64 71.1 57.8 86.8

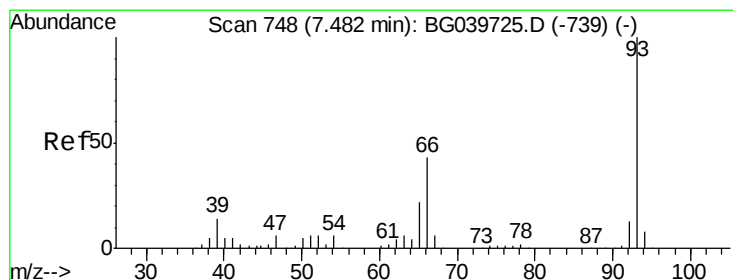
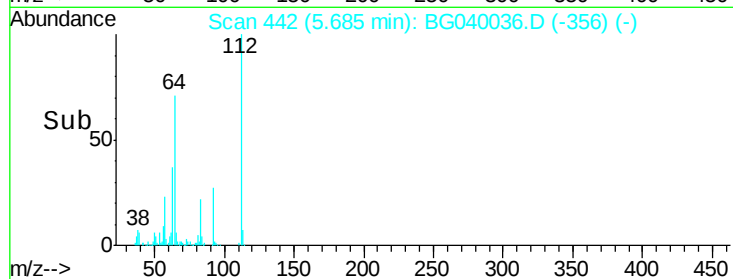
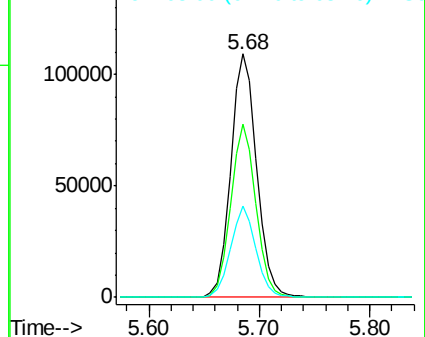
63 37.5 29.8 44.6



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: 39.633 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

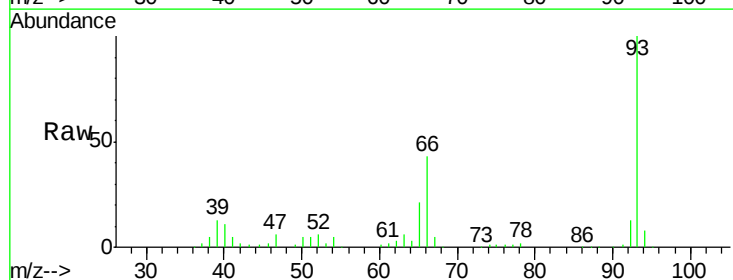
Tgt Ion: 93 Resp: 176017

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.4

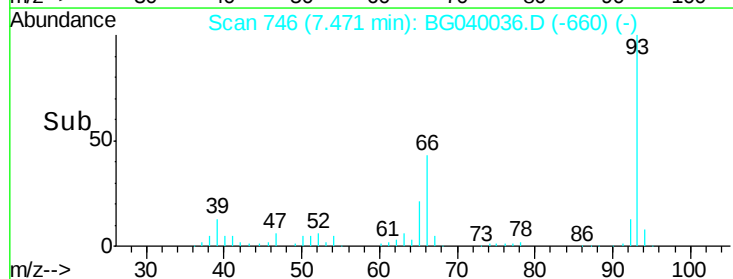
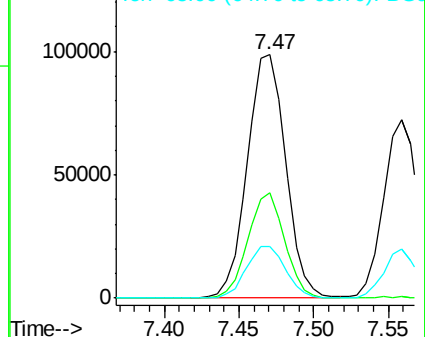
65 21.5 17.7 26.5

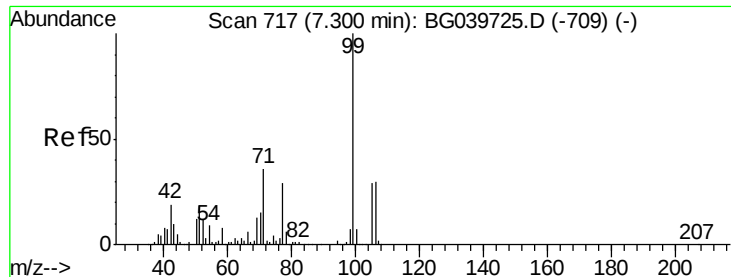


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.821 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

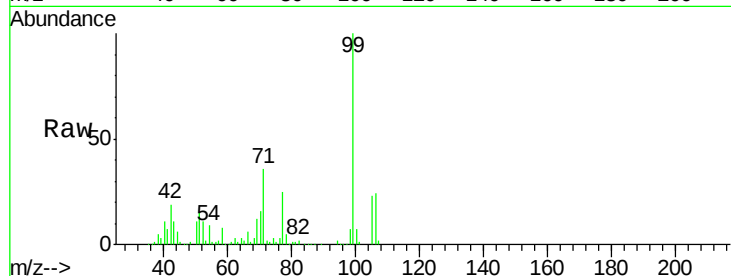
Tot Ion: 99 Resp: 273969

Ion Ratio Lower Upper

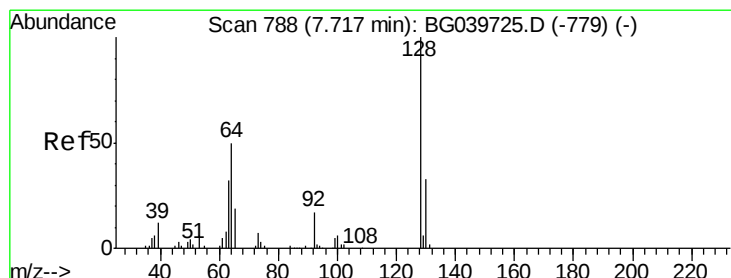
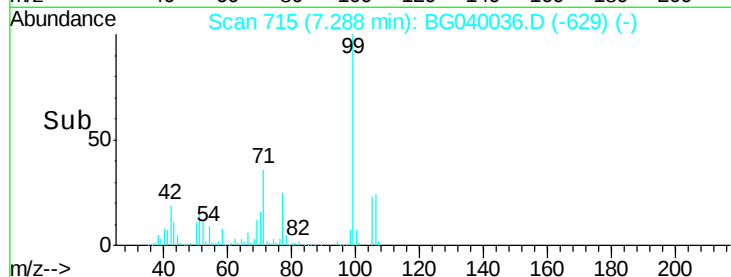
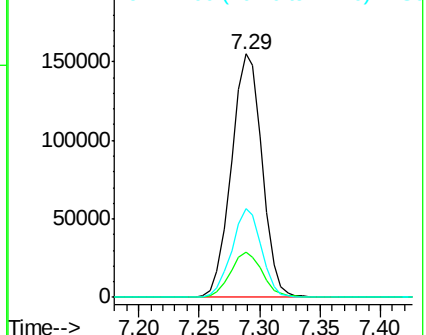
99 100

42 18.8 18.2 27.2

71 36.5 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: 39.576 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

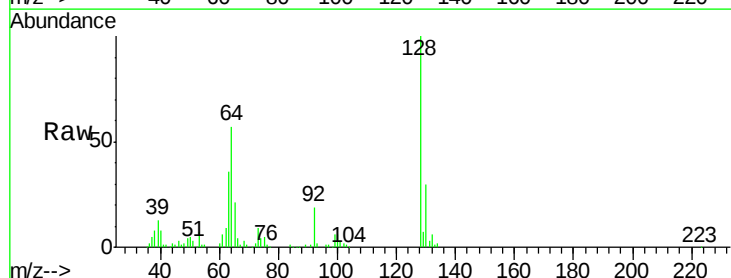
Tgt Ion: 128 Resp: 109156

Ion Ratio Lower Upper

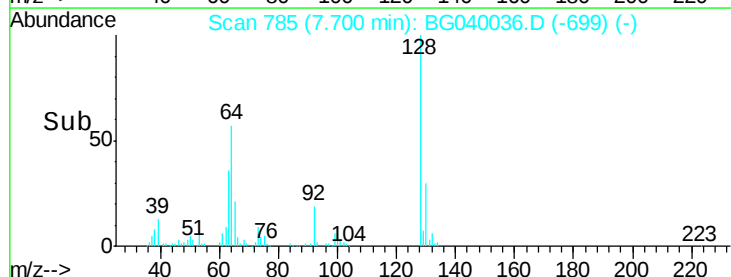
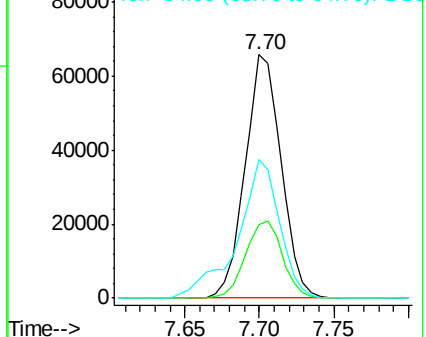
128 100

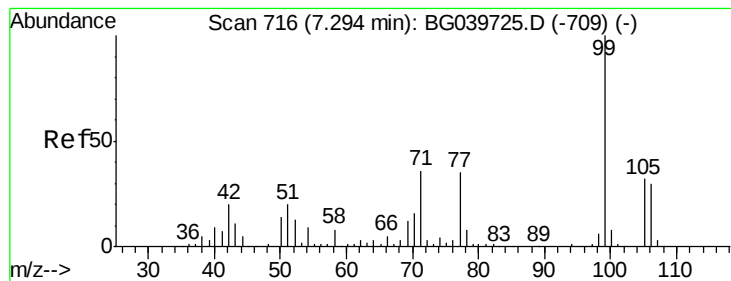
130 30.3 12.9 52.9

64 56.8 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: 34.287 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

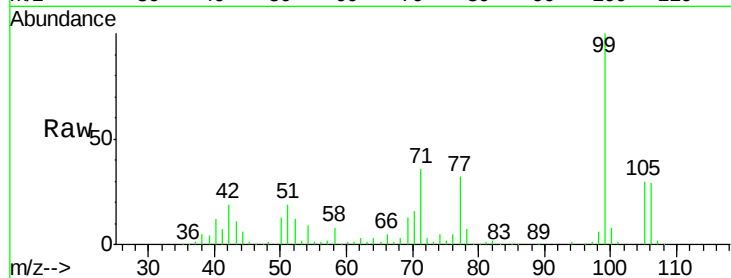
Tot Ion: 77 Resp: 74973

Ion Ratio Lower Upper

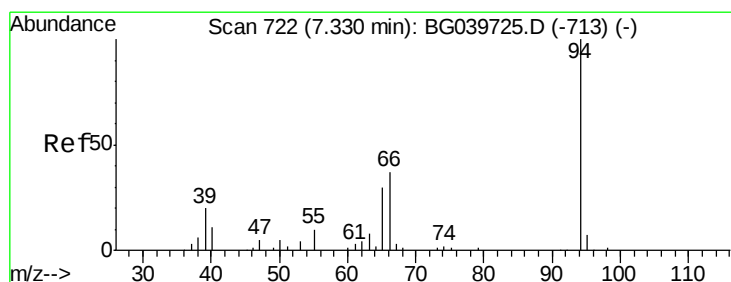
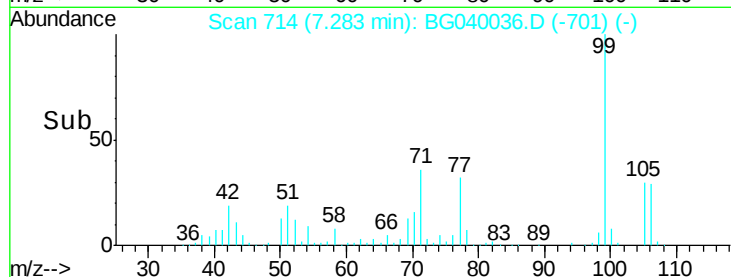
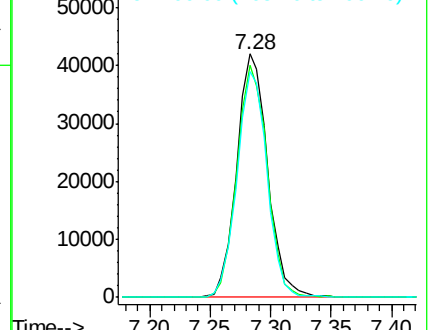
77 100

105 95.6 74.5 114.5

106 92.6 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: 39.672 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

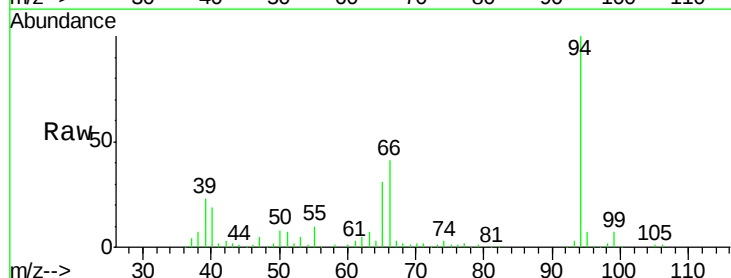
Tgt Ion: 94 Resp: 145688

Ion Ratio Lower Upper

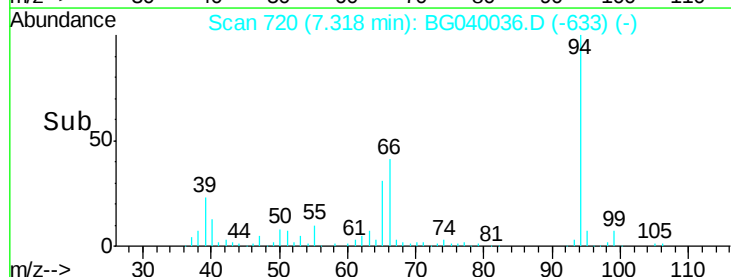
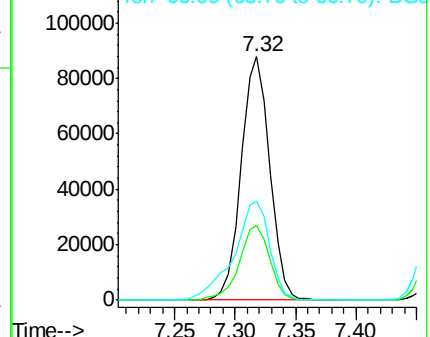
94 100

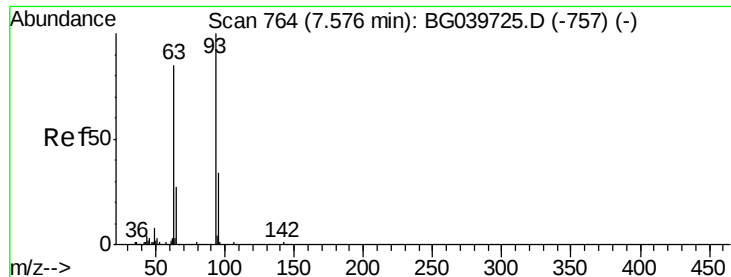
65 30.8 11.7 51.7

66 40.8 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

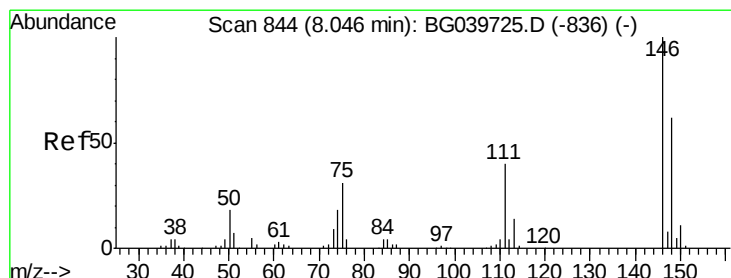
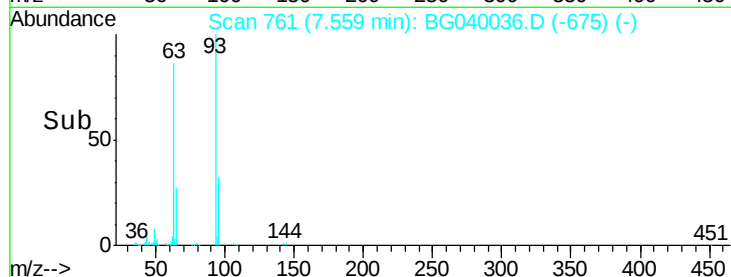
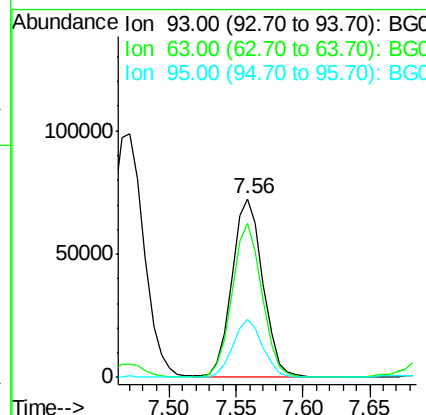
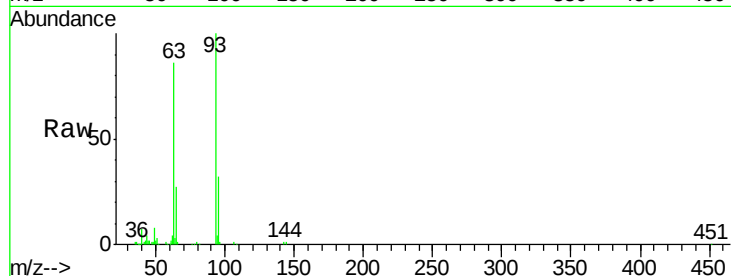




#11
bis(2-Chloroethyl)ether
Concen: 41.043 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

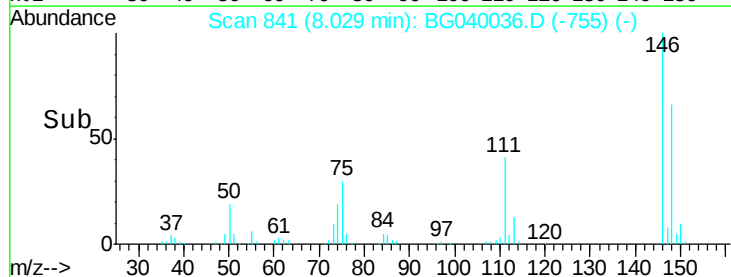
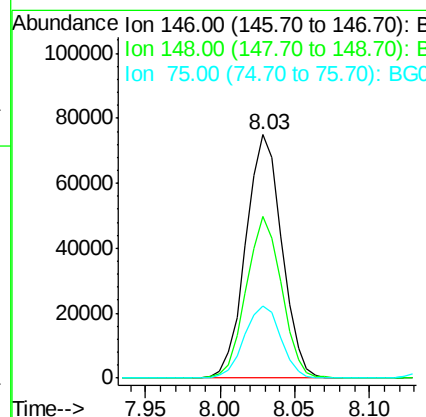
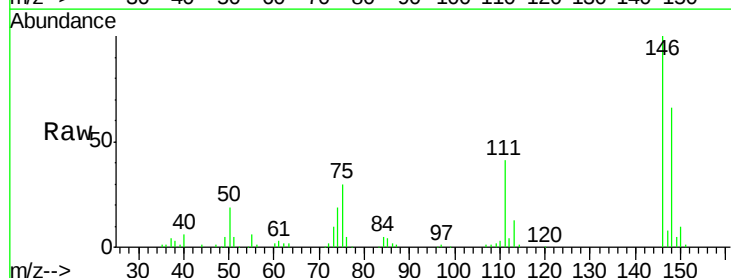
Instrument :
BNA_G
ClientSampleId :

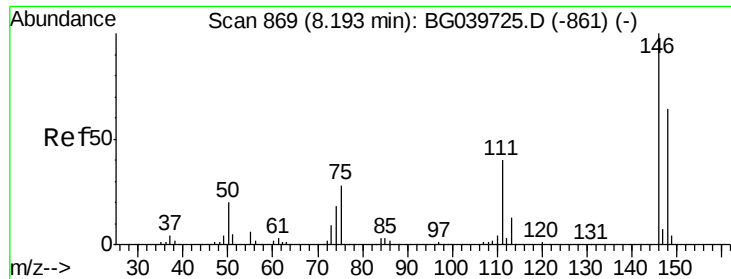
Tot Ion: 93 Resp: 117513
Ion Ratio Lower Upper
93 100
63 86.0 69.5 109.5
95 32.4 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 40.057 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion: 146 Resp: 124951
Ion Ratio Lower Upper
146 100
148 66.3 52.6 79.0
75 29.8 25.8 38.6

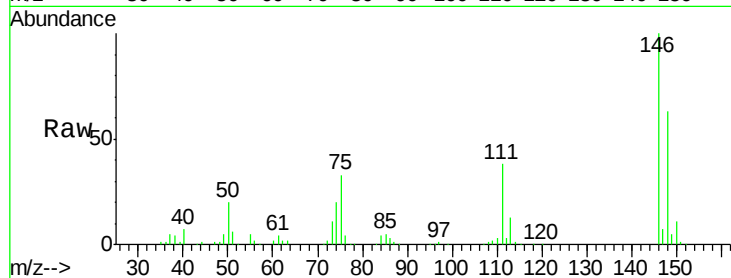




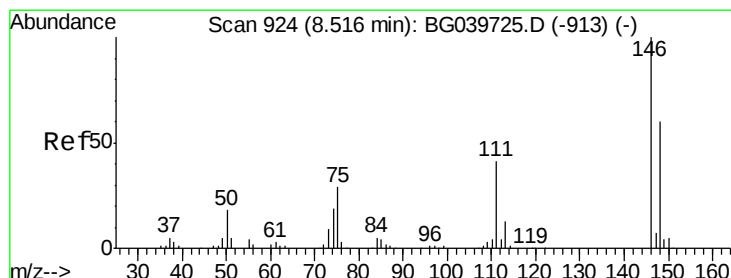
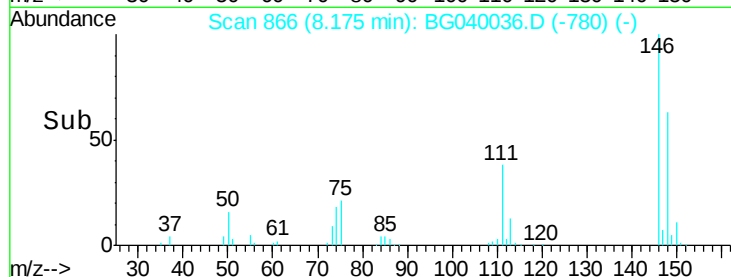
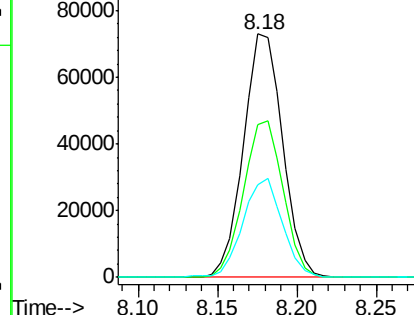
#13
 1,4-Dichlorobenzene
 Concen: 39.446 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:146 Resp: 125334
 Ion Ratio Lower Upper
 146 100
 148 62.9 51.1 76.7
 111 38.1 32.6 48.8

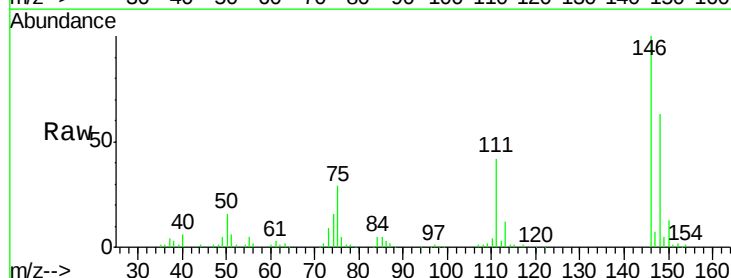


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

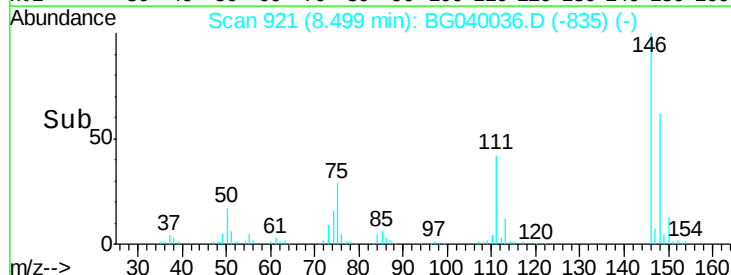
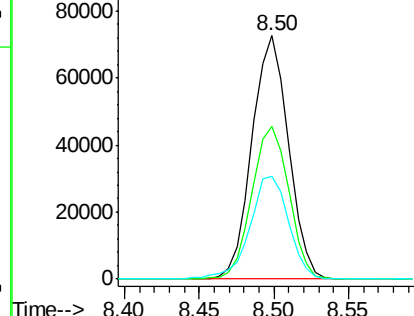


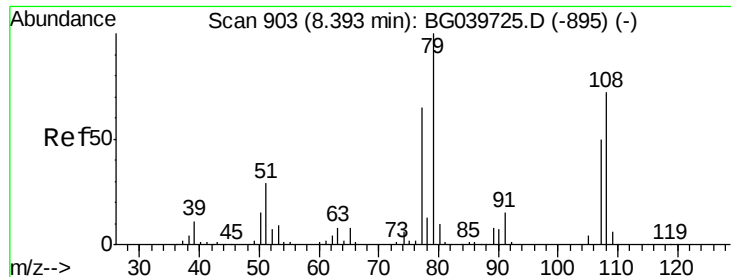
#14
 1,2-Dichlorobenzene
 Concen: 39.858 ng
 RT: 8.50 min Scan# 921
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:146 Resp: 122361
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.5 77.3
 111 42.4 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: 39.973 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

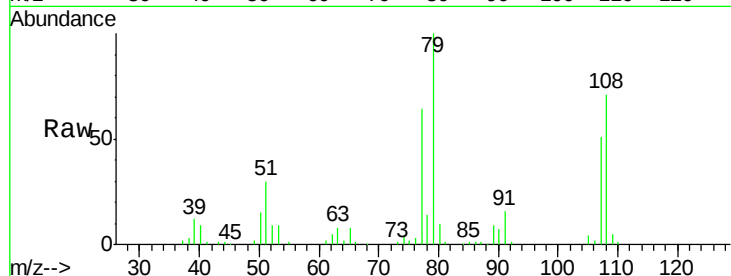
Tot Ion: 79 Resp: 107486

Ion Ratio Lower Upper

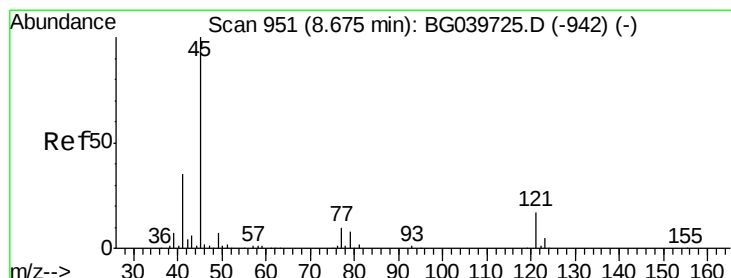
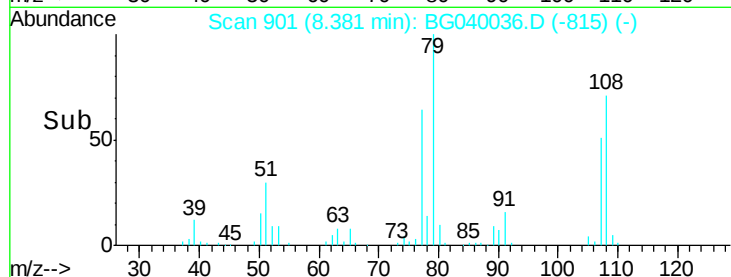
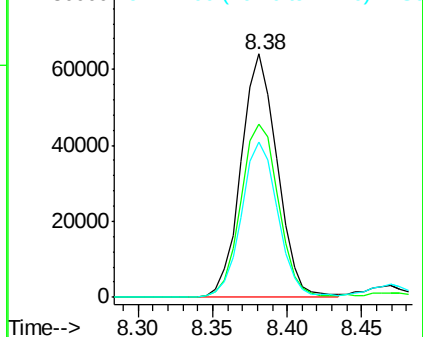
79 100

108 71.3 57.8 86.6

77 64.0 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.002 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

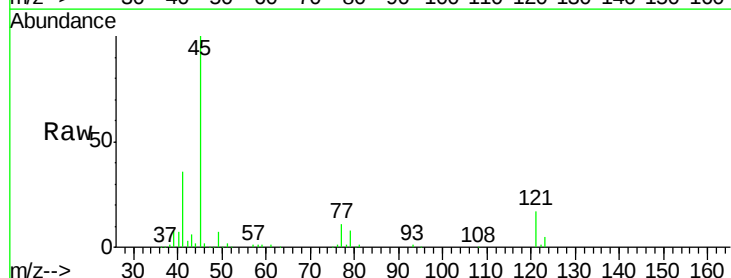
Tgt Ion: 45 Resp: 223338

Ion Ratio Lower Upper

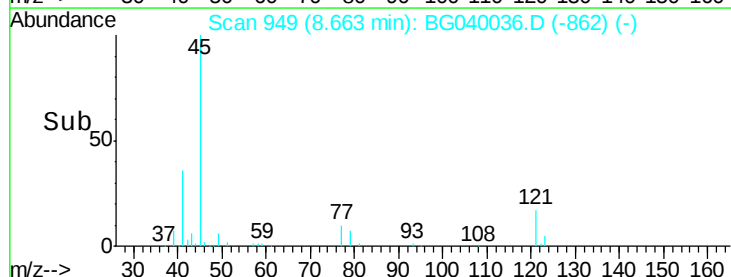
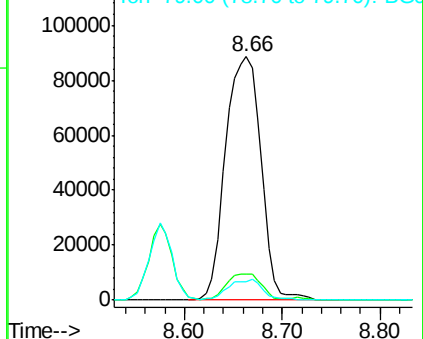
45 100

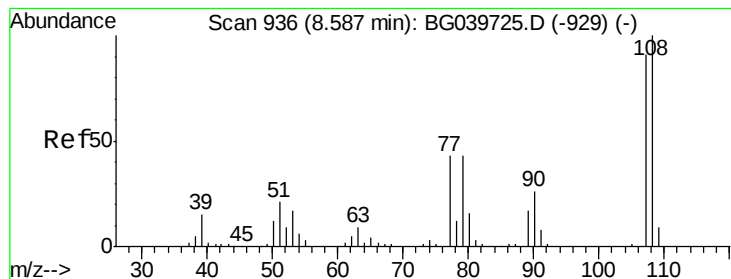
77 10.7 0.0 30.0

79 7.5 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

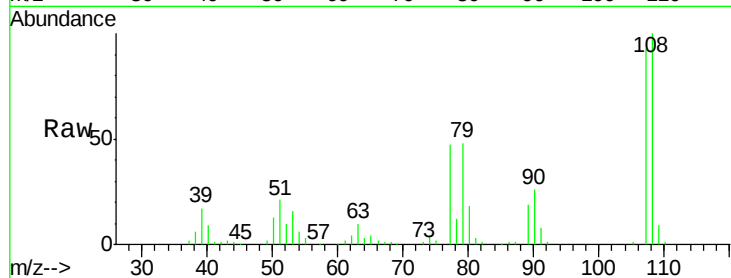




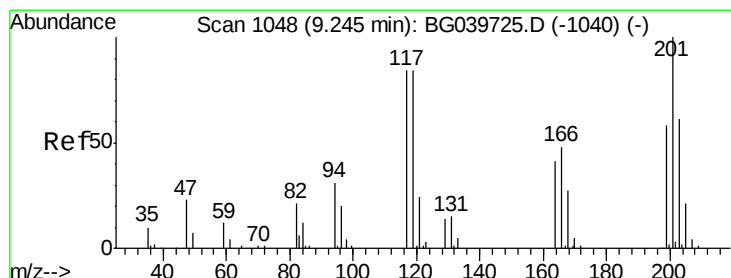
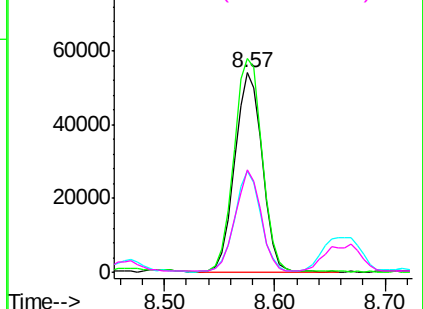
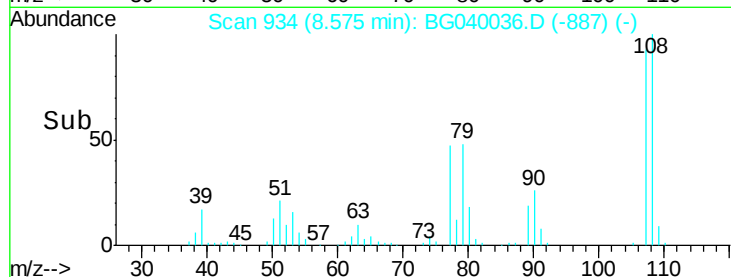
#17
2-Methylphenol
Concen: 40.608 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:107 Resp: 95086
Ion Ratio Lower Upper
107 100
108 107.0 90.8 136.2
77 50.5 40.7 61.1
79 51.5 40.6 60.8

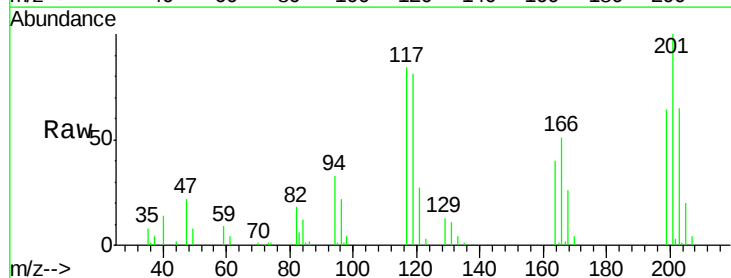


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

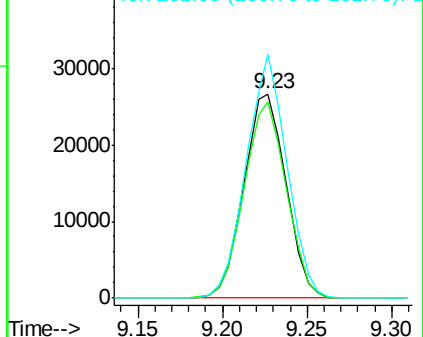
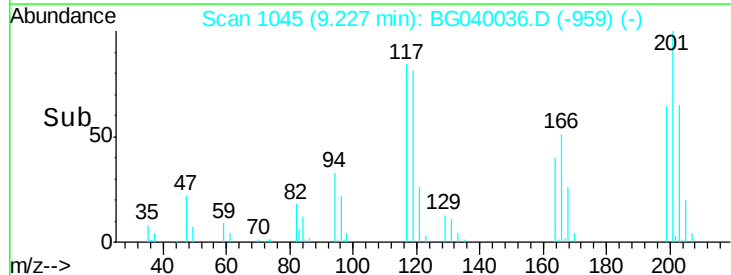


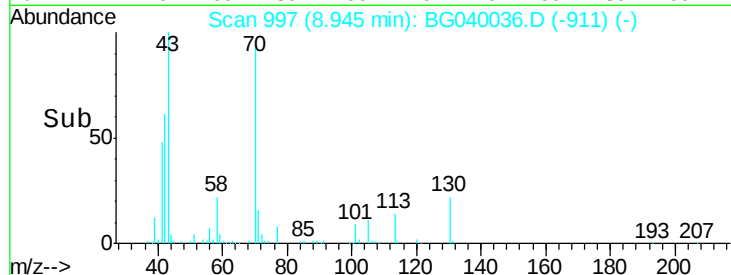
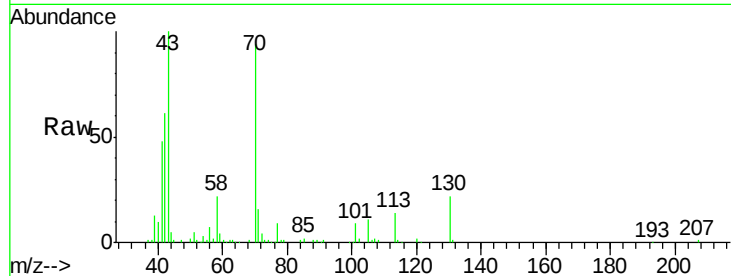
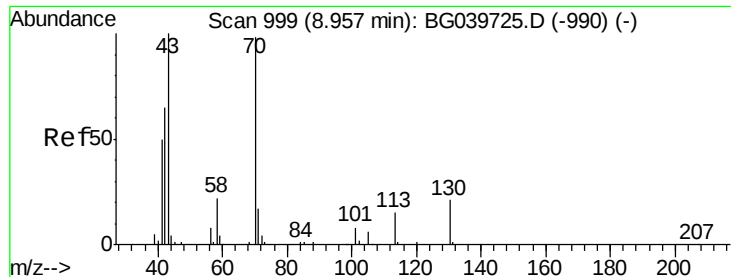
#18
Hexachloroethane
Concen: 40.453 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:117 Resp: 46119
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5
201 119.3 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

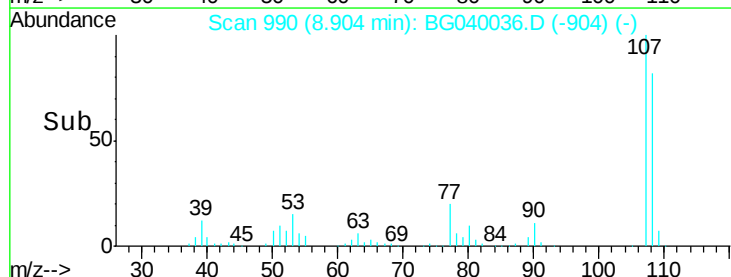
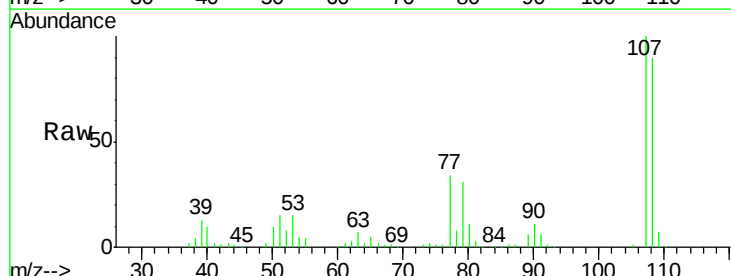
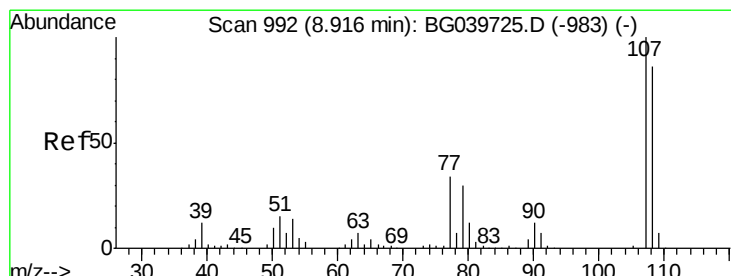
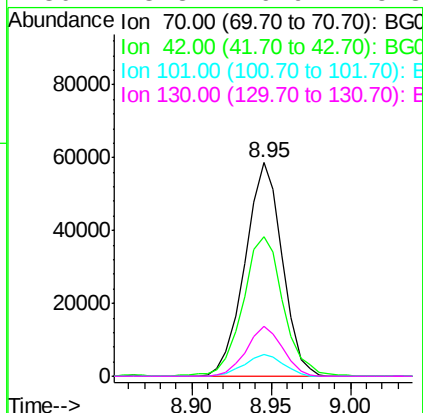




#19
n-Nitroso-di-n-propylamine
Concen: 39.099 ng
RT: 8.95 min Scan# 997
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

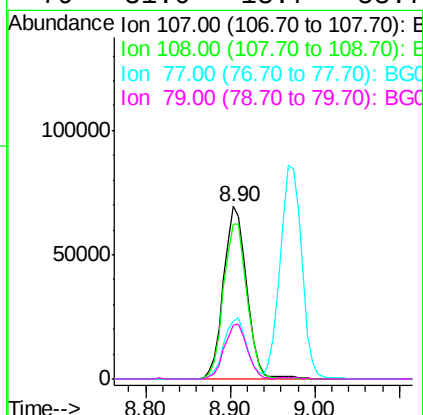
Instrument :
BNA_G
ClientSampled :

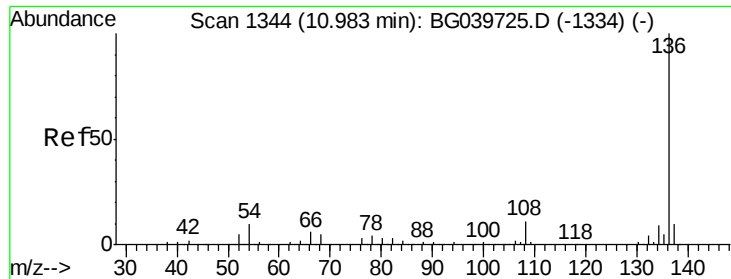
Tot Ion:	70	Resp:	95398
Ion	Ratio	Lower	Upper
70	100		
42	65.5	60.4	90.6
101	10.1	7.5	11.3
130	23.3	16.9	25.3



#20
3+4-Methylphenols
Concen: 40.388 ng
RT: 8.90 min Scan# 990
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:	107	Resp:	131381
Ion	Ratio	Lower	Upper
107	100		
108	90.1	67.9	107.9
77	33.8	15.4	55.4
79	31.0	13.7	53.7

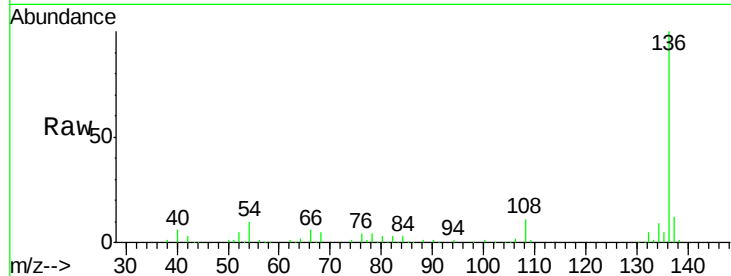




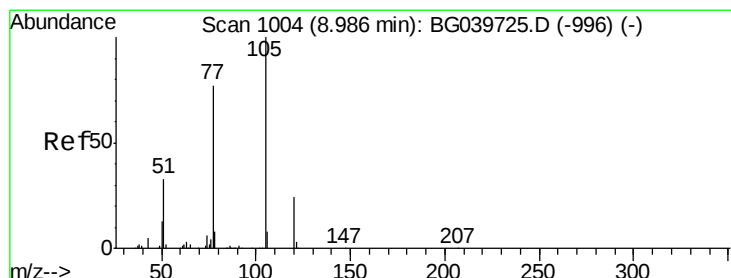
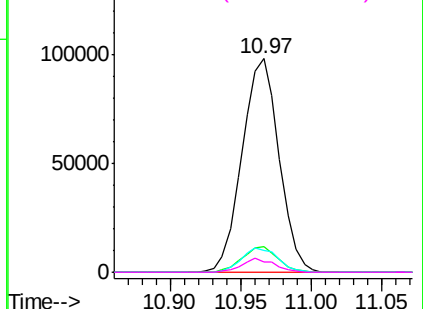
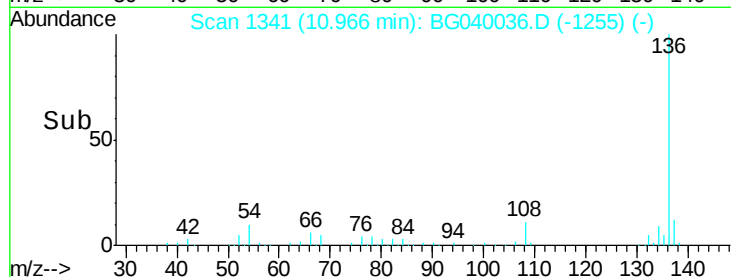
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	179928
Ion Ratio	Lower	Upper
136	100	
137	11.8	9.1 13.7
54	10.5	9.4 14.2
68	4.8	4.2 6.4

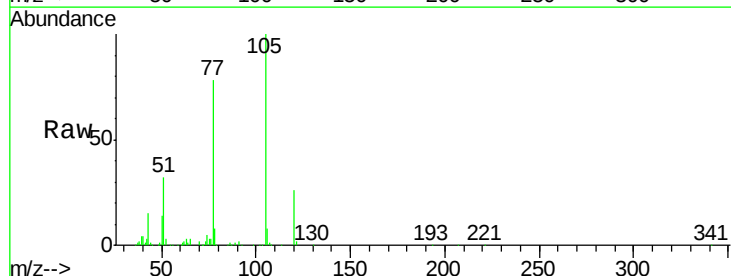


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

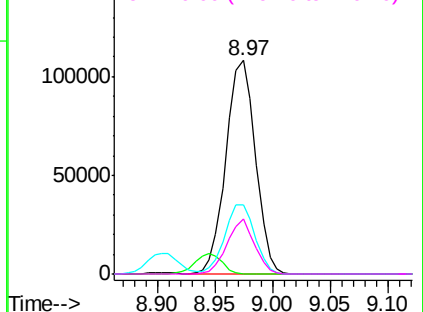
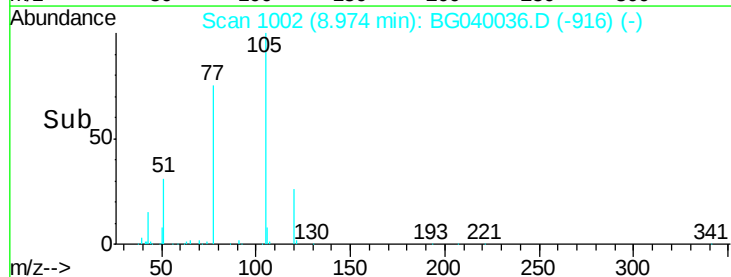


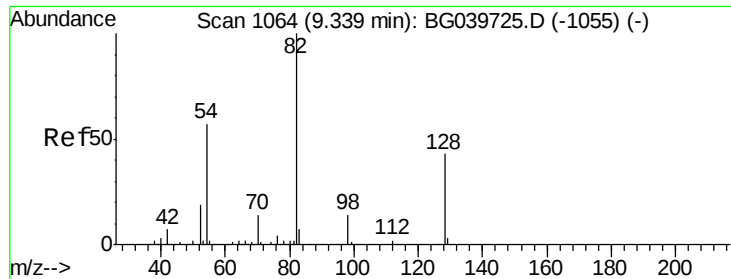
#22
Acetophenone
Concen: 39.752 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:105	Resp:	191969
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	32.2	30.2 45.2
120	25.7	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.987 ng

RT: 9.32 min Scan# 1061

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

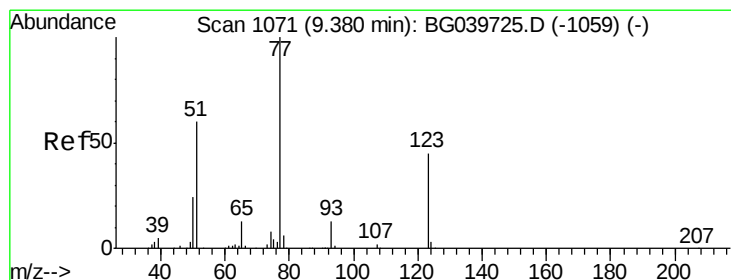
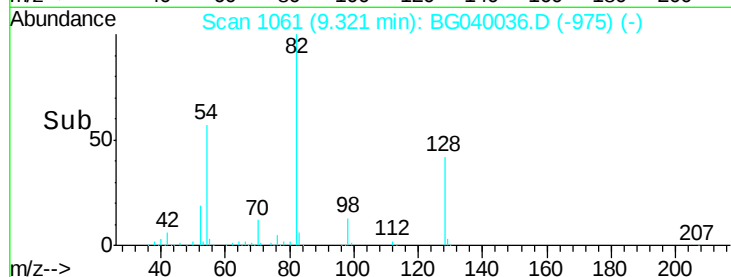
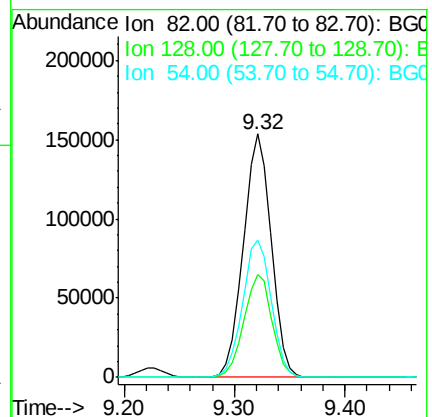
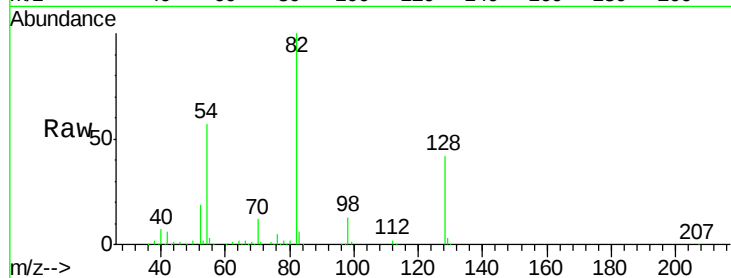
Tot Ion: 82 Resp: 272756

Ion Ratio Lower Upper

82 100

128 42.1 31.3 46.9

54 56.6 50.9 76.3



#24

Nitrobenzene

Concen: 40.116 ng

RT: 9.36 min Scan# 1068

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

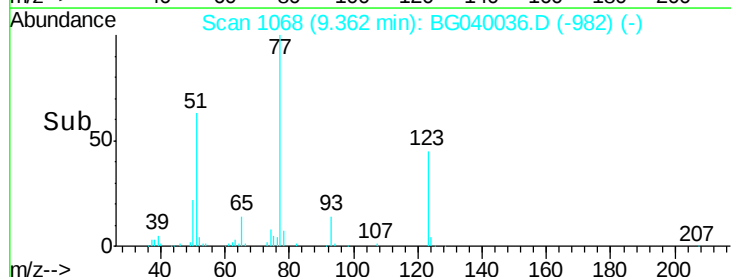
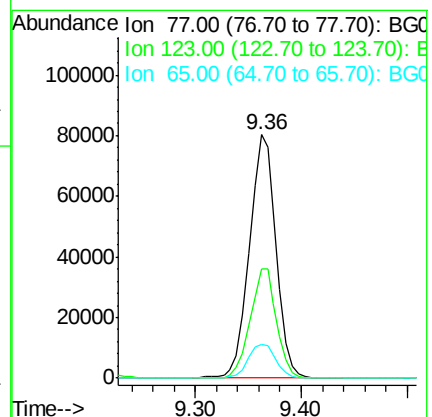
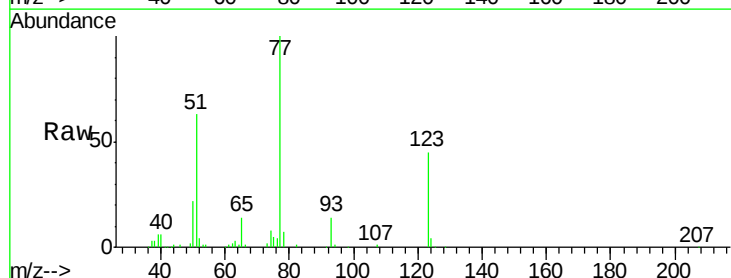
Tgt Ion: 77 Resp: 140008

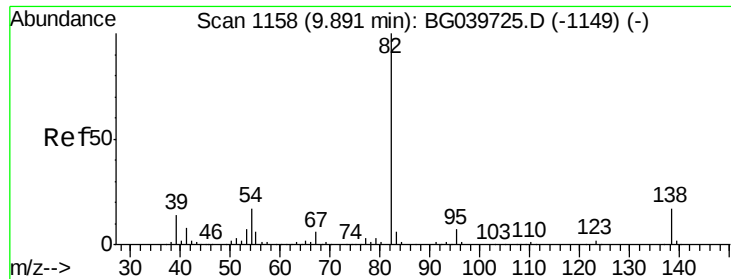
Ion Ratio Lower Upper

77 100

123 45.0 34.1 51.1

65 14.1 12.3 18.5





#25

Isophorone

Concen: 39.911 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

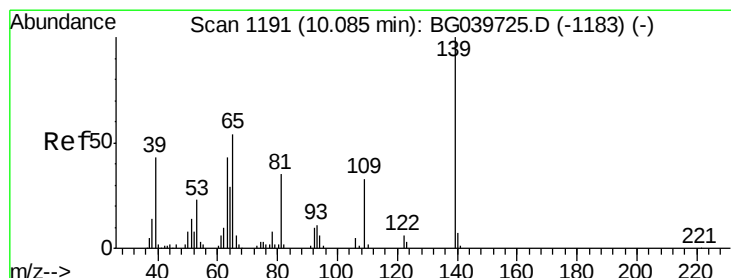
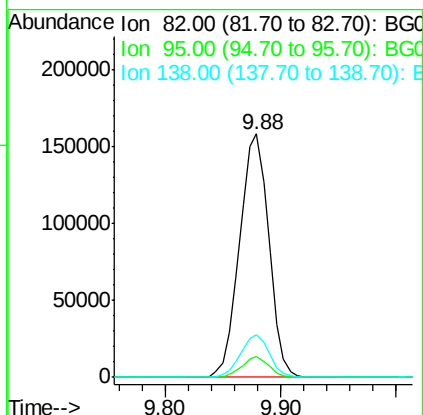
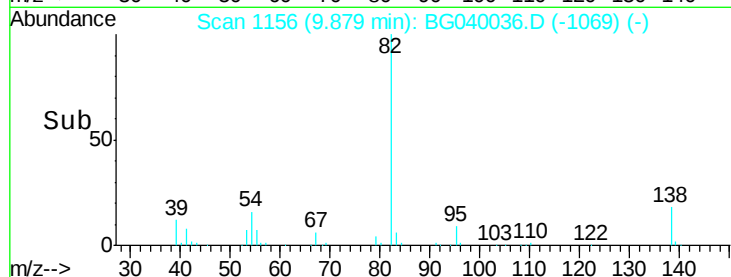
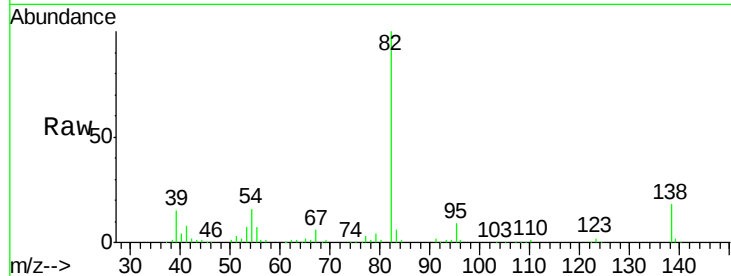
Tot Ion: 82 Resp: 278209

Ion Ratio Lower Upper

82 100

95 8.6 6.2 9.2

138 17.5 13.0 19.4



#26

2-Nitrophenol

Concen: 42.250 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

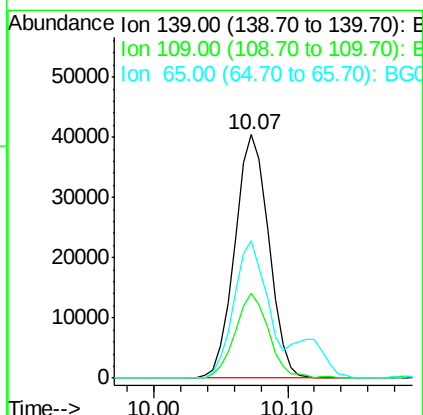
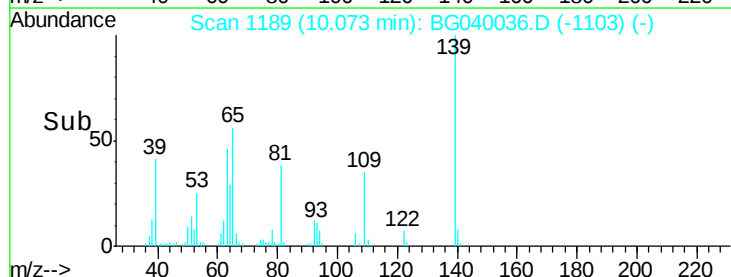
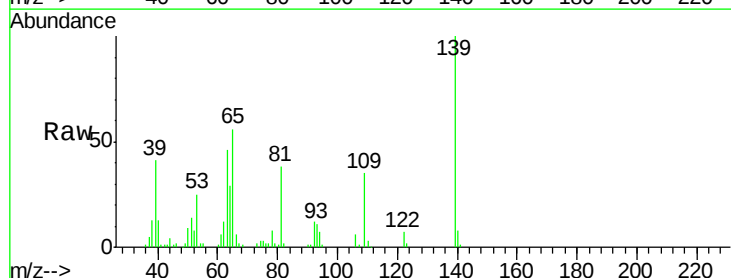
Tgt Ion: 139 Resp: 71194

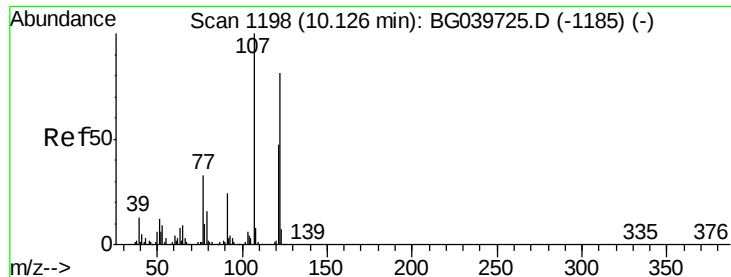
Ion Ratio Lower Upper

139 100

109 34.7 23.4 35.0

65 56.5 44.3 66.5

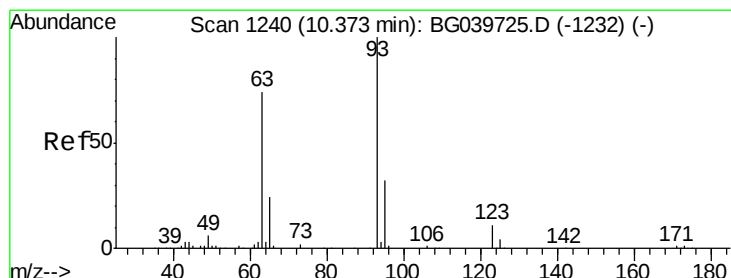
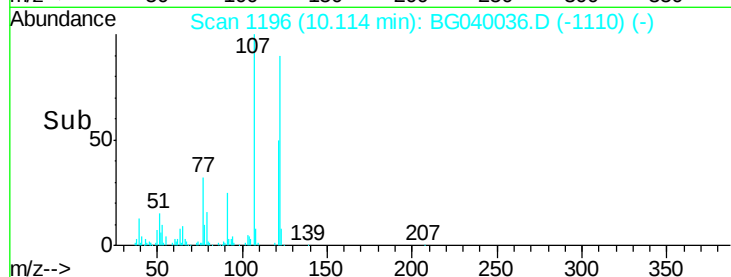
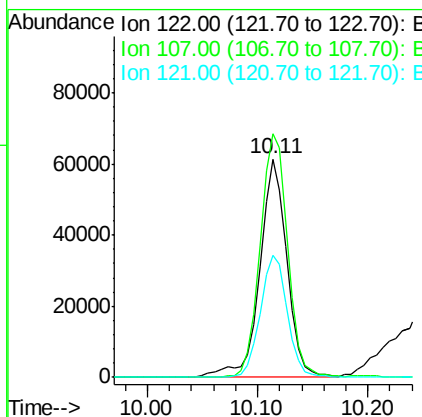
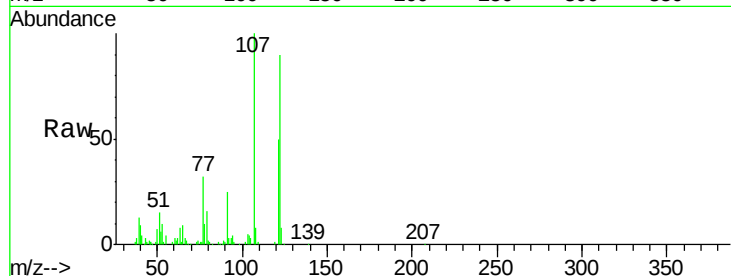




#27
2,4-Dimethylphenol
Concen: 40.238 ng
RT: 10.11 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

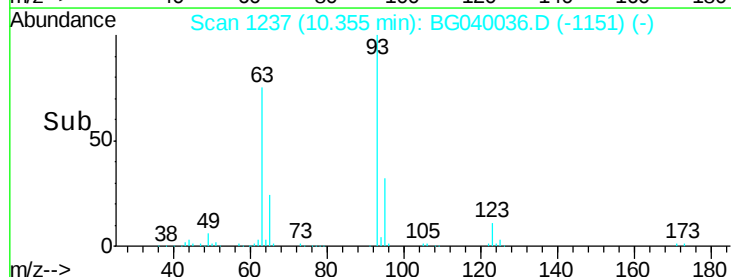
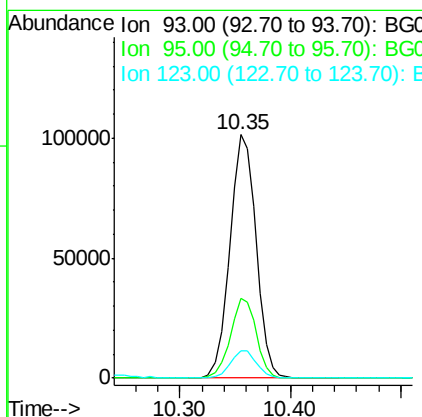
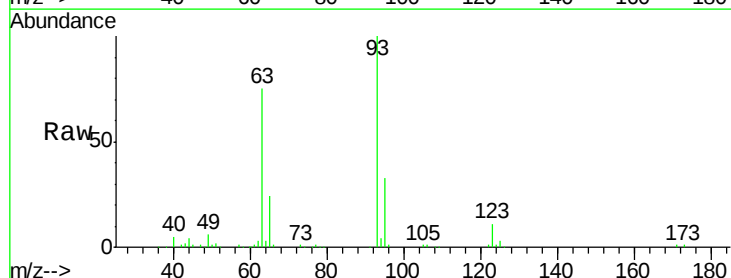
Instrument :
BNA_G
ClientSampleId :

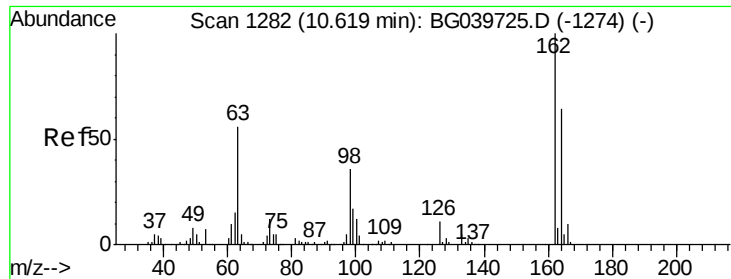
Tot Ion	Ratio	Lower	Upper
122	100		
107	111.6	91.7	137.5
121	55.7	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 39.804 ng
RT: 10.35 min Scan# 1237
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	25.0	37.4
123	11.4	8.6	12.8

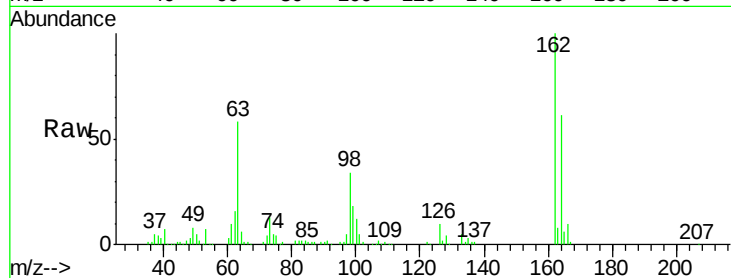




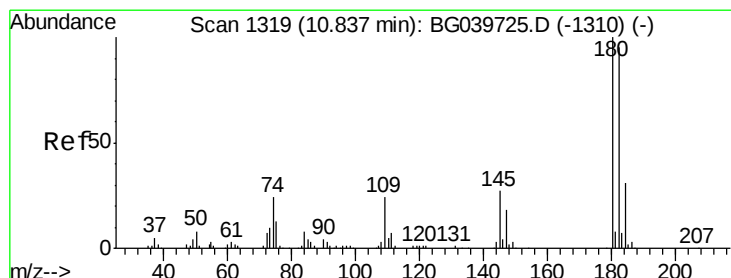
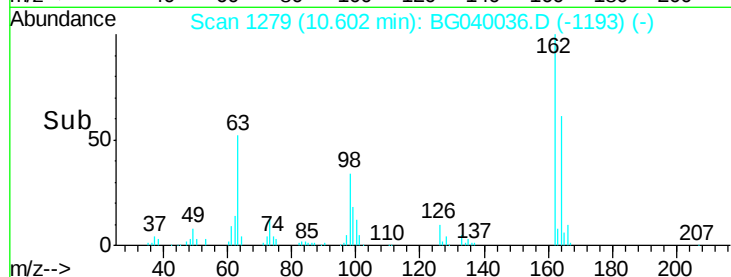
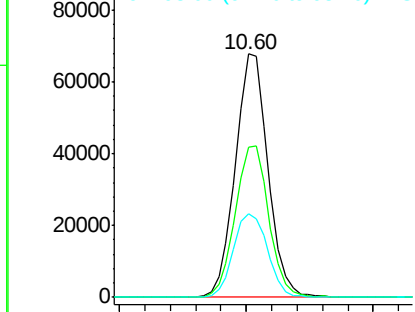
#29
 2,4-Dichlorophenol
 Concen: 40.980 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.5	48.1	88.1
98	34.2	18.1	58.1

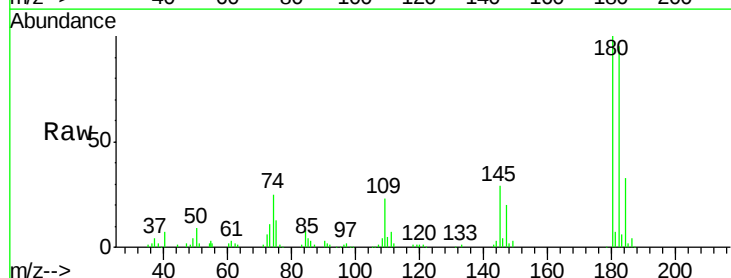


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

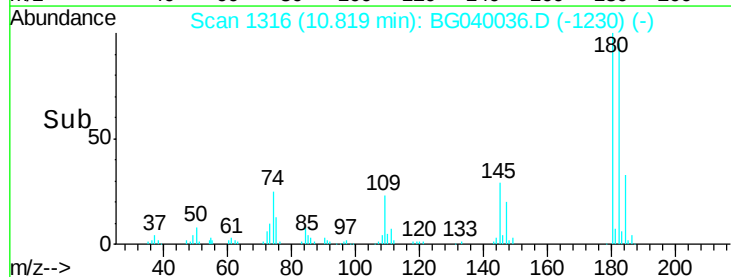
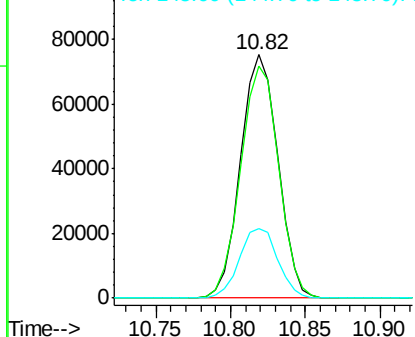


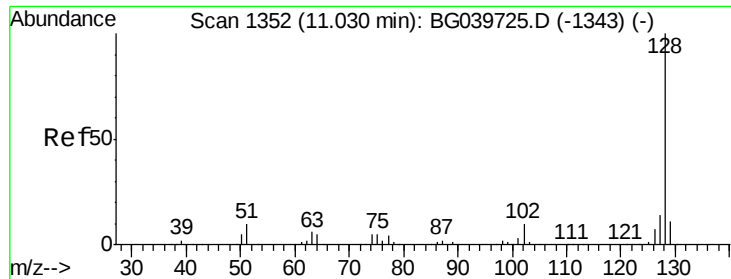
#30
 1,2,4-Trichlorobenzene
 Concen: 39.419 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.0	114.0
145	28.7	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

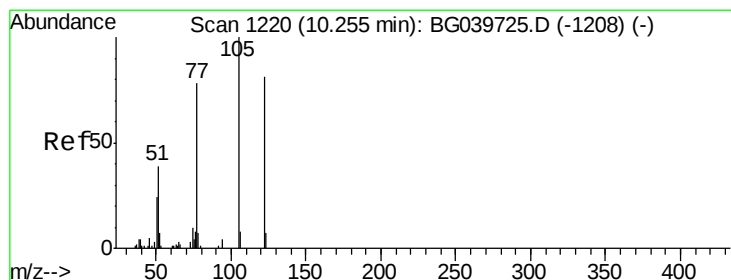
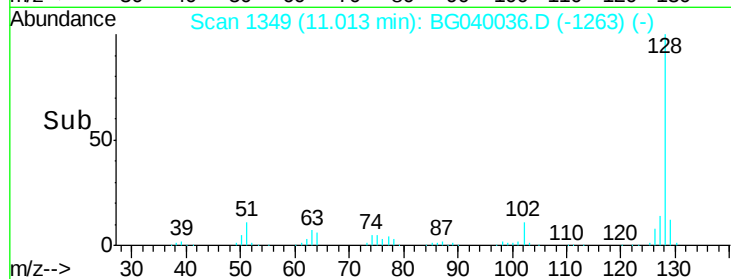
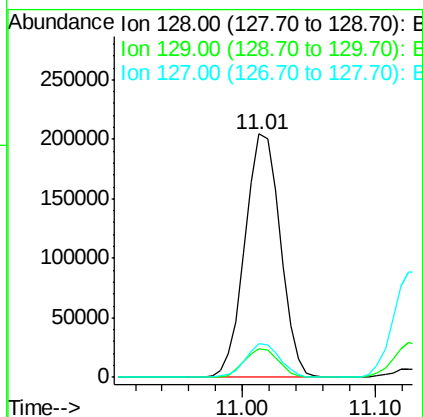
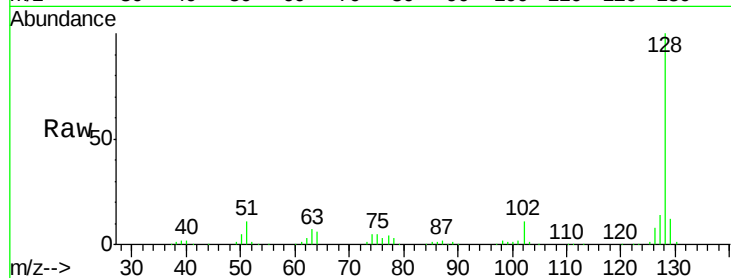




#31
Naphthalene
Concen: 39.256 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

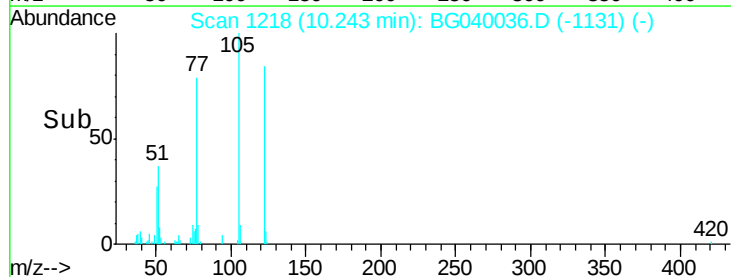
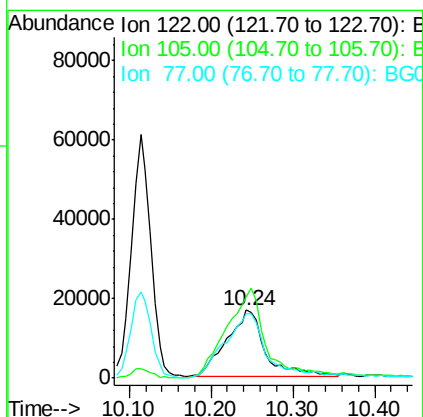
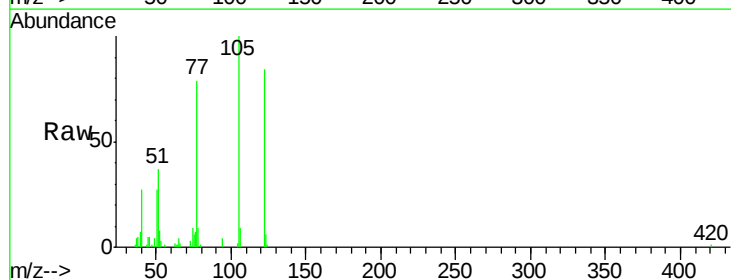
Instrument :
BNA_G
ClientSampleId :

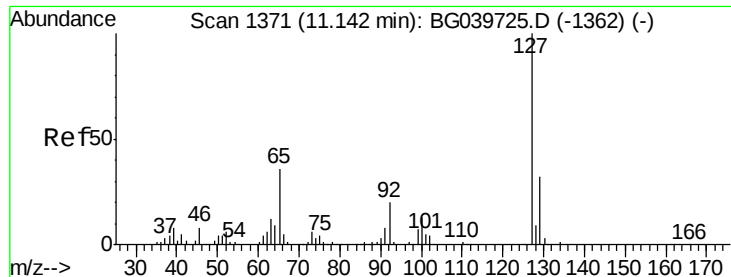
Tot Ion:128 Resp: 373965
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 33.546 ng
RT: 10.24 min Scan# 1218
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:122 Resp: 56219
Ion Ratio Lower Upper
122 100
105 118.7 101.8 141.8
77 94.0 76.3 116.3

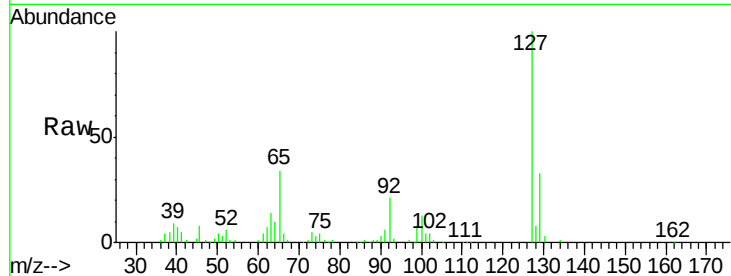




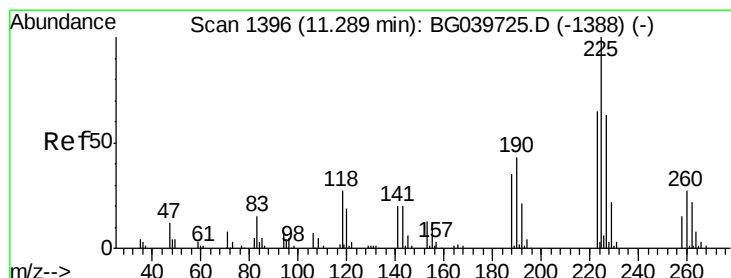
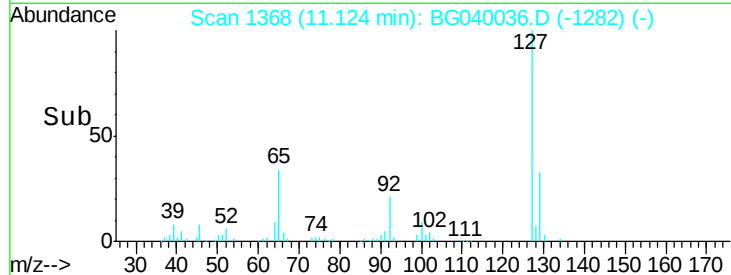
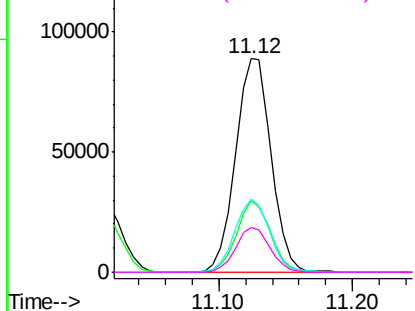
#33
4-Chloroaniline
Concen: 40.373 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	163089
Ion	Ratio	Lower	Upper
127	100		
129	33.3	27.0	40.4
65	34.1	28.8	43.2
92	20.7	16.6	25.0

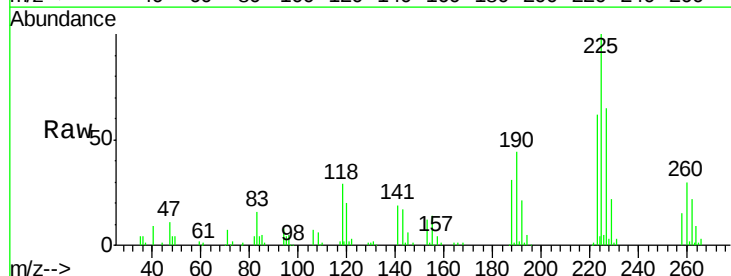


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

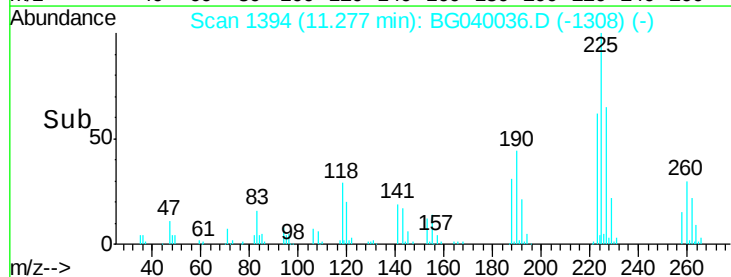
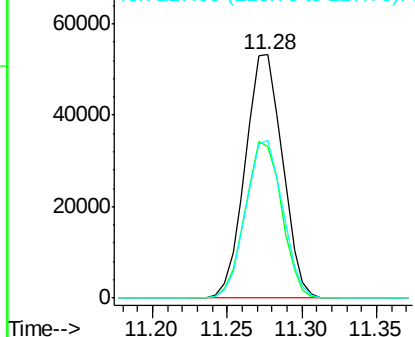


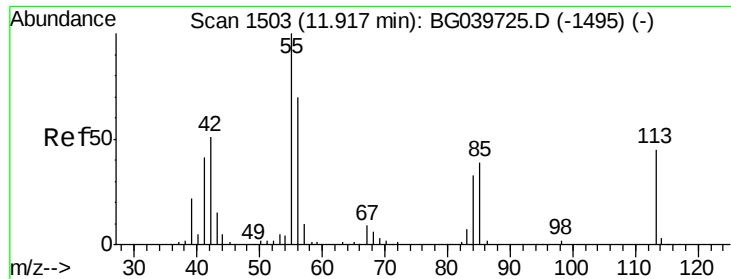
#34
Hexachlorobutadiene
Concen: 40.525 ng
RT: 11.28 min Scan# 1394
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:	225	Resp:	91946
Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.0	73.6
227	64.8	46.3	69.5



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

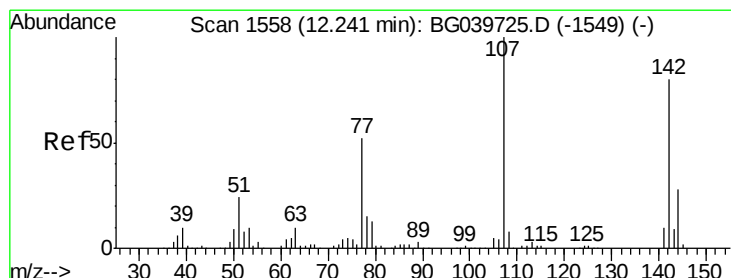
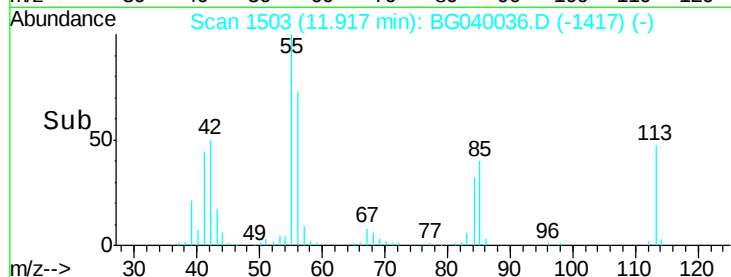
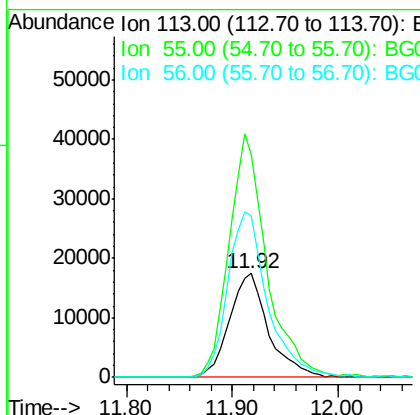
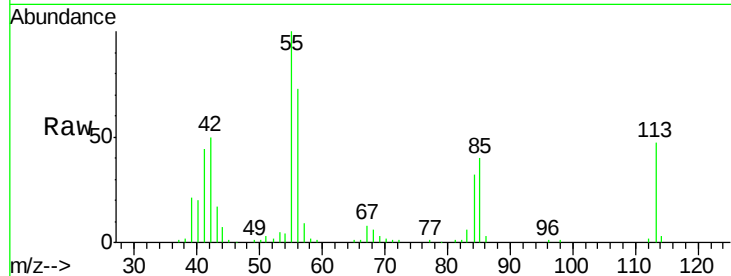




#35
 Caprolactam
 Concen: 39.560 ng
 RT: 11.92 min Scan# 1503
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

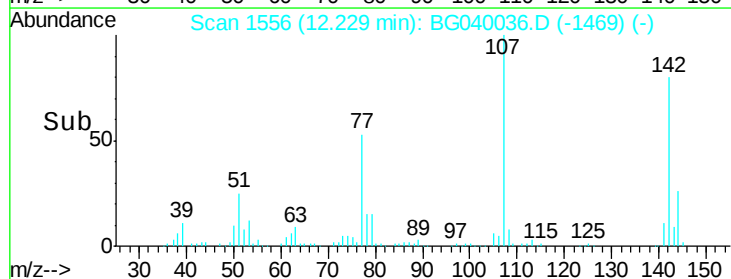
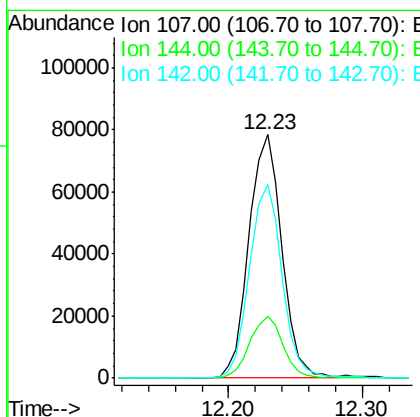
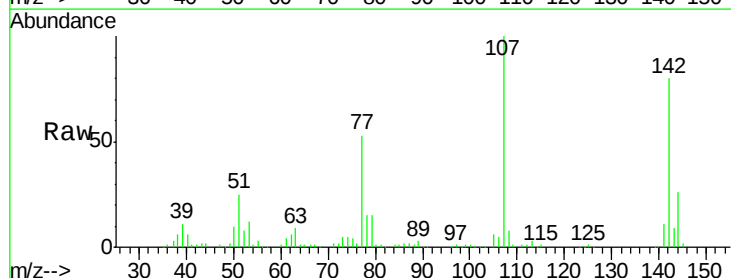
Instrument :
 BNA_G
 ClientSampleId :

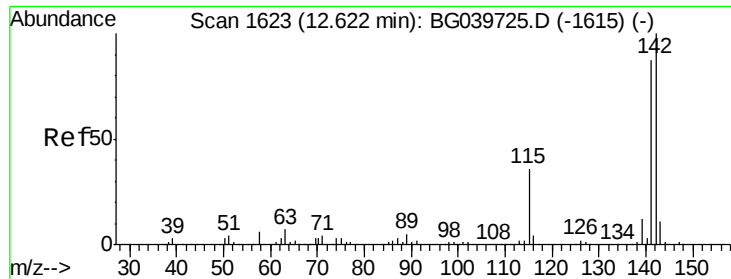
Tot Ion:113 Resp: 44590
 Ion Ratio Lower Upper
 113 100
 55 213.9 216.9 256.9#
 56 155.8 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 39.405 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:107 Resp: 133285
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.2 30.2
 142 79.6 61.4 92.2

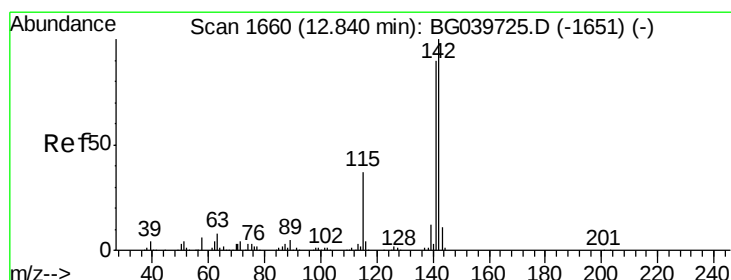
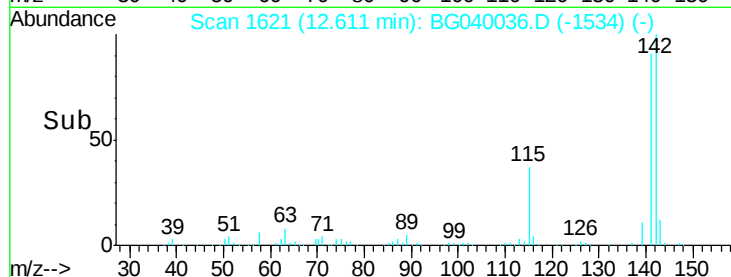
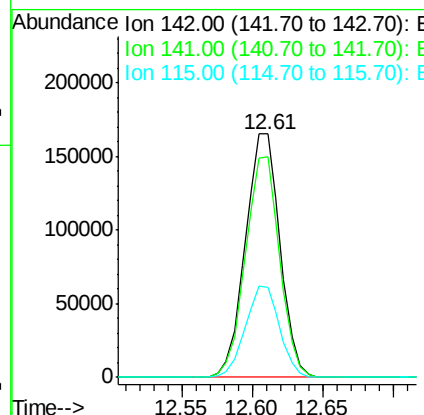
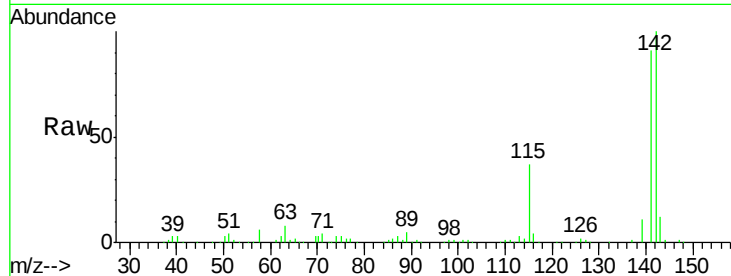




#37
 2-Methylnaphthalene
 Concen: 39.797 ng
 RT: 12.61 min Scan# 1621
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

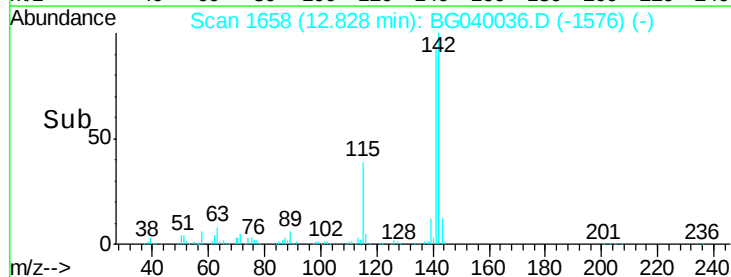
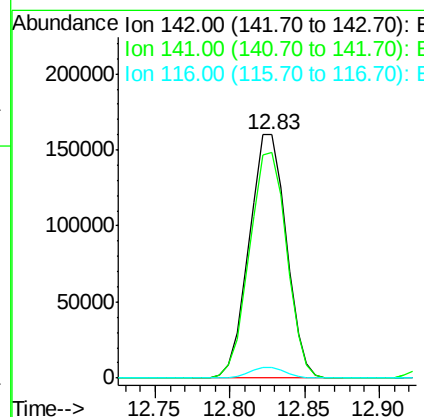
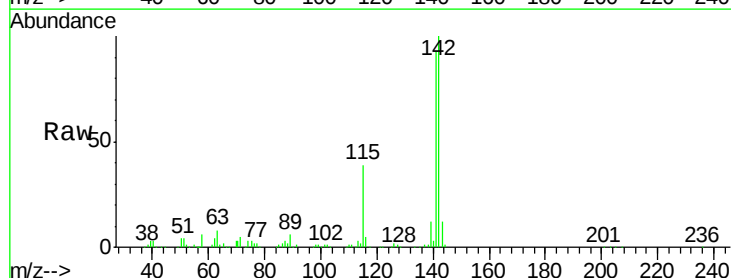
Instrument :
 BNA_G
 ClientSampleId :

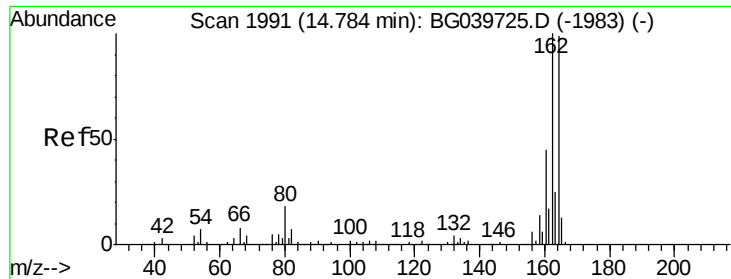
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	73.5	110.3
115	37.1	30.8	46.2



#38
 1-Methylnaphthalene
 Concen: 39.798 ng
 RT: 12.83 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.2	111.4
116	4.5	3.0	4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

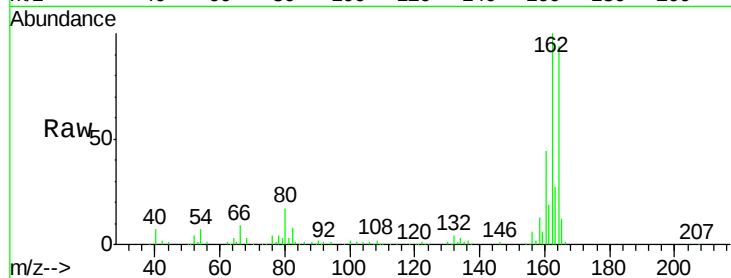
Tot Ion:164 Resp: 119491

Ion Ratio Lower Upper

164 100

162 106.7 81.6 122.4

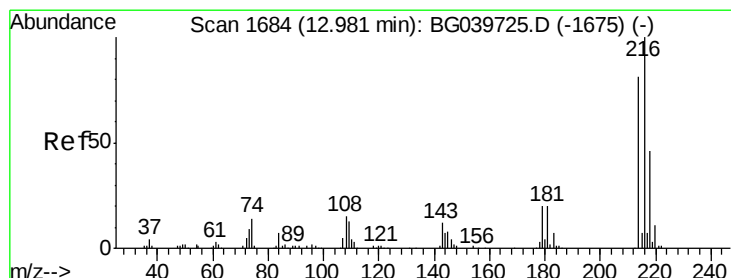
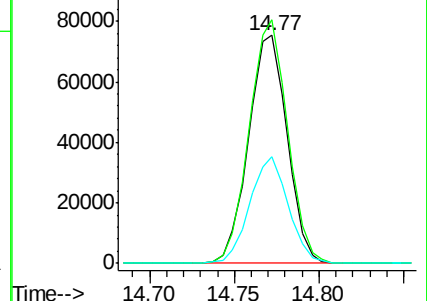
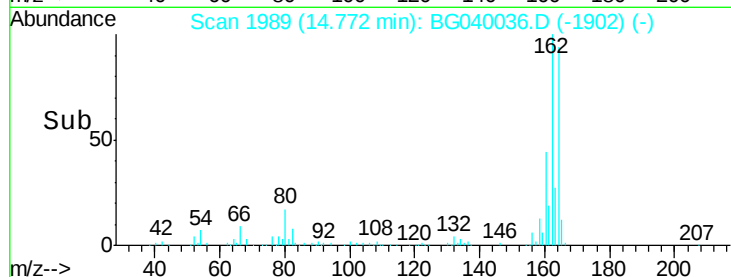
160 46.5 34.2 51.2



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: 39.898 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Tgt Ion:216 Resp: 161508

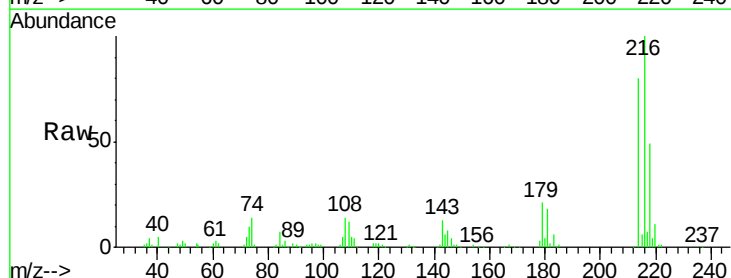
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.7 16.6 25.0

108 16.2 14.0 21.0

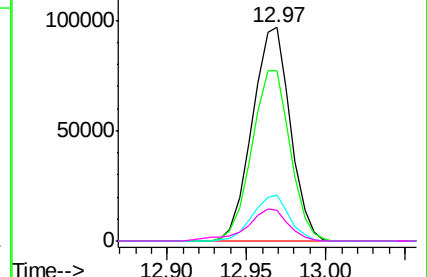
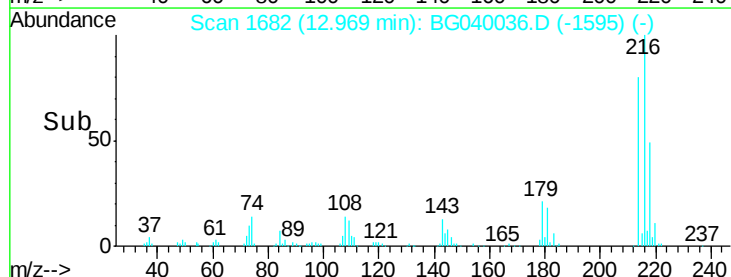


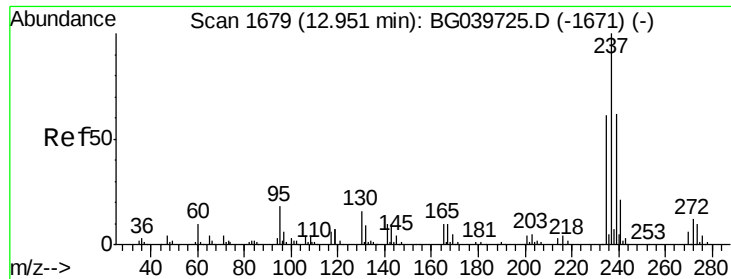
Abundance Ion 216.00 (215.70 to 216.70): E

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: 41.812 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040036.D

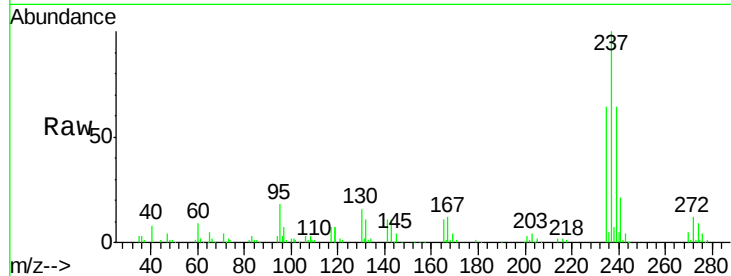
Acq: 20 Mar 2019 15:03

Instrument :

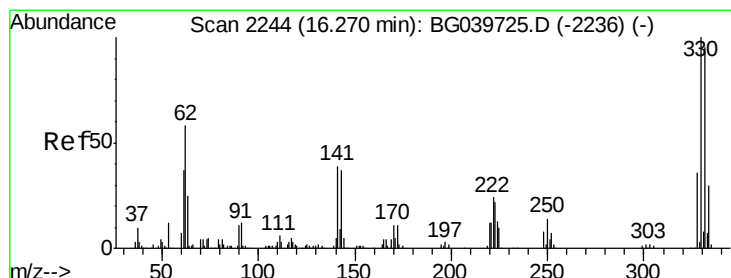
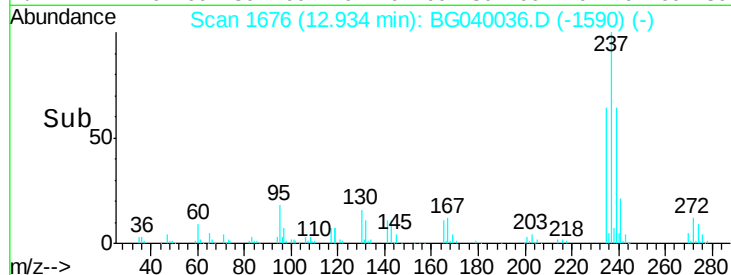
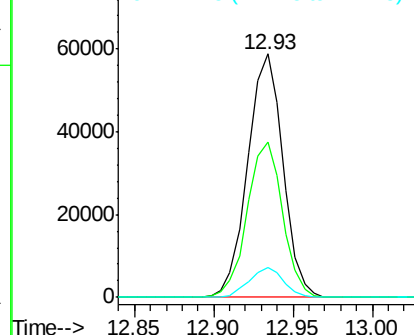
BNA_G

ClientSampleId :

Tot Ion:237	Resp:	90705
Ion Ratio	Lower	Upper
237	100	
235	63.7	43.3 83.3
272	12.4	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: 83.520 ng

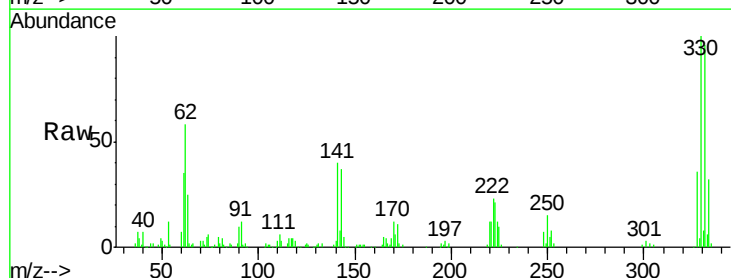
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

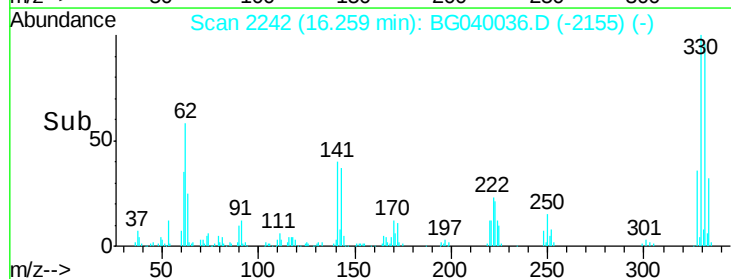
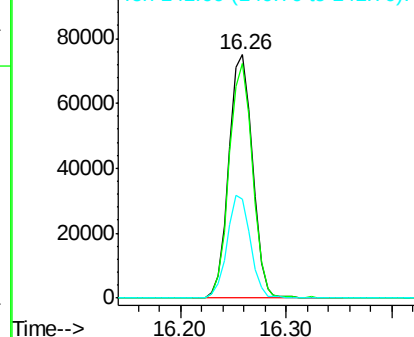
Lab File: BG040036.D

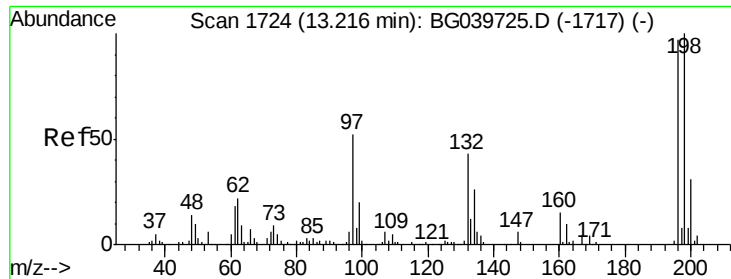
Acq: 20 Mar 2019 15:03

Tgt Ion:330	Resp:	116323
Ion Ratio	Lower	Upper
330	100	
332	95.4	75.7 113.5
141	41.4	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

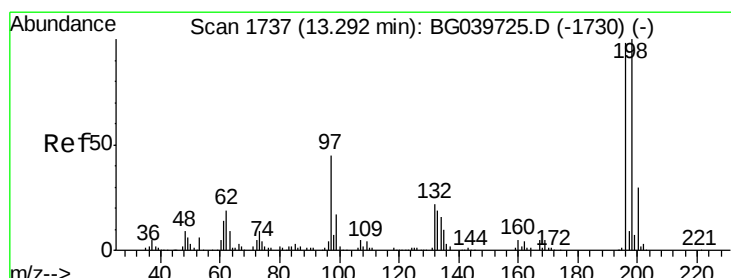
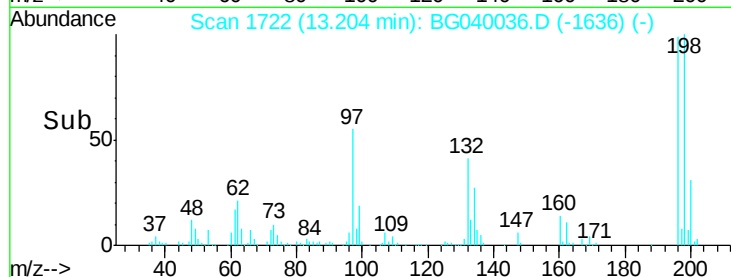
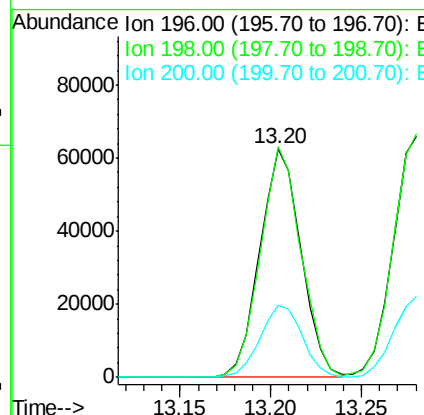
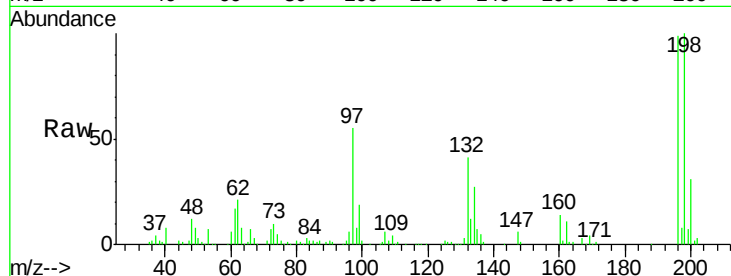




#43
 2,4,6-Trichlorophenol
 Concen: 41.957 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

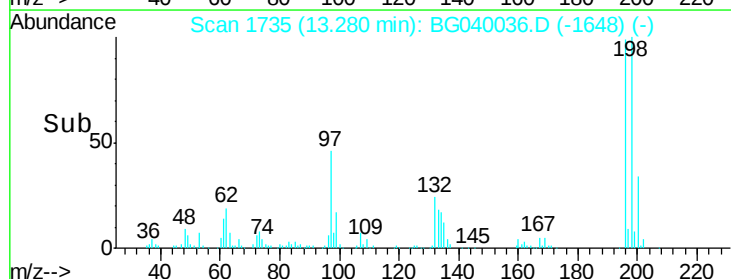
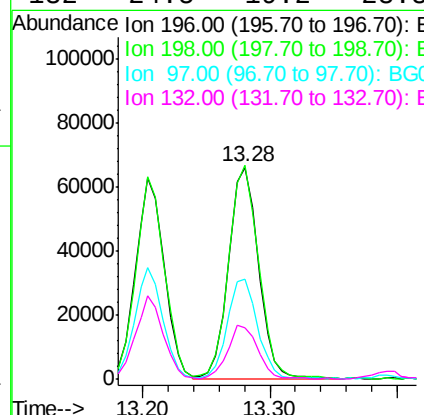
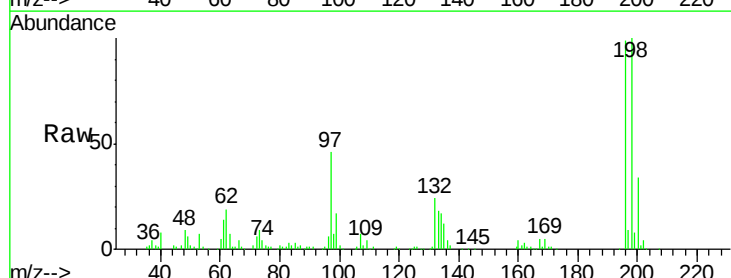
Instrument :
 BNA_G
 ClientSampled :

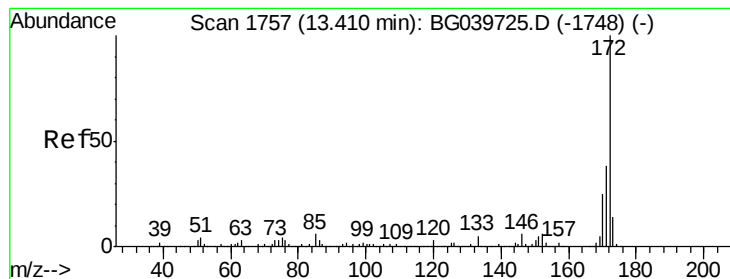
Tot Ion:196 Resp: 99437
 Ion Ratio Lower Upper
 196 100
 198 100.8 80.6 121.0
 200 31.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 40.632 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:196 Resp: 108543
 Ion Ratio Lower Upper
 196 100
 198 101.0 78.5 117.7
 97 47.0 38.4 57.6
 132 24.5 19.2 28.8





#45

2-Fluorobiphenyl

Concen: 80.153 ng

RT: 13.39 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

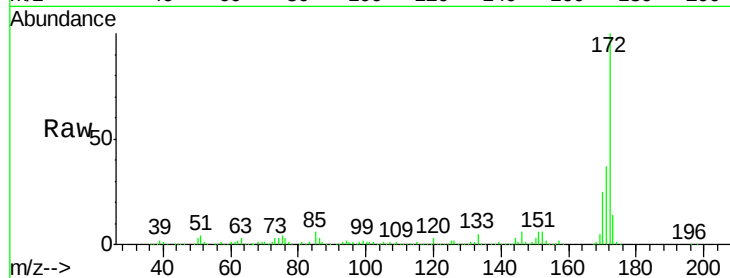
Tot Ion:172 Resp: 672666

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

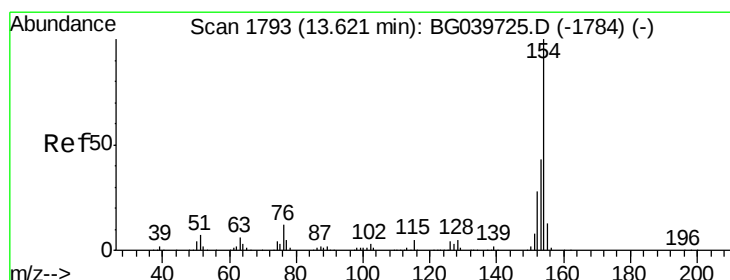
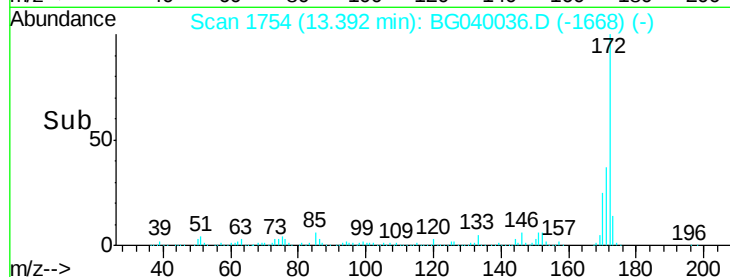
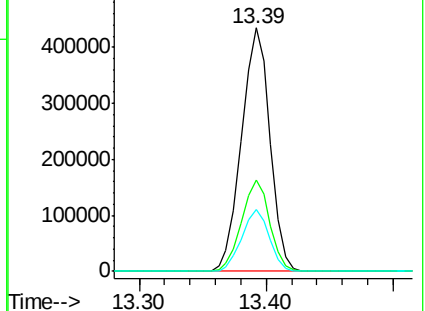
170 25.2 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.012 ng

RT: 13.60 min Scan# 1790

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

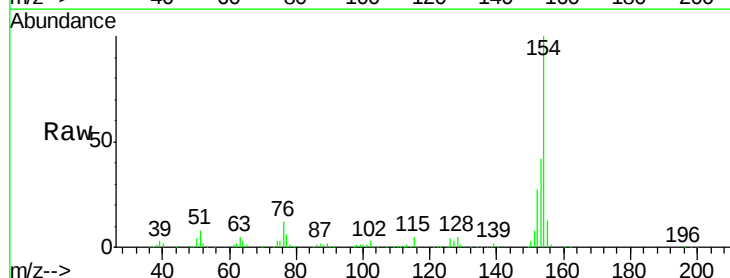
Tgt Ion:154 Resp: 393241

Ion Ratio Lower Upper

154 100

153 41.8 22.1 62.1

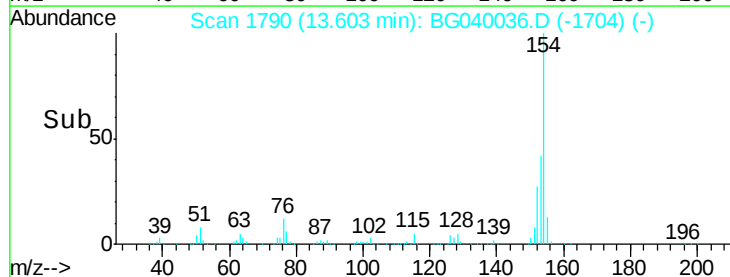
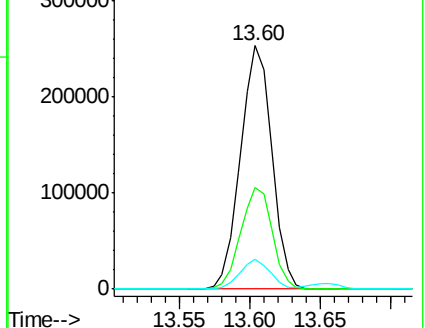
76 12.3 0.0 32.4

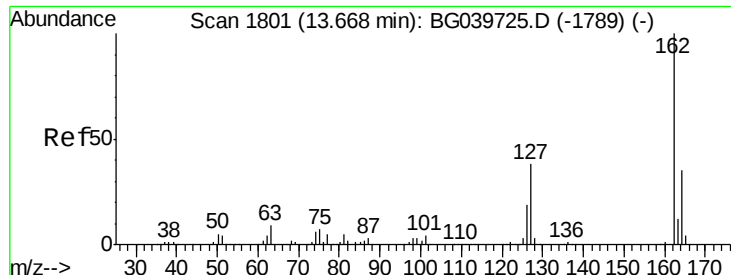


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

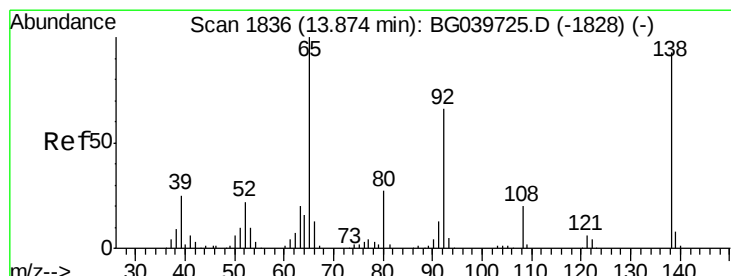
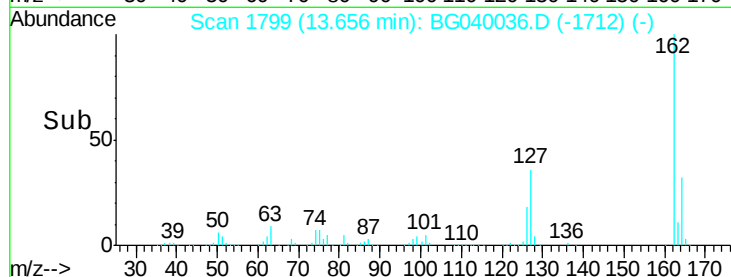
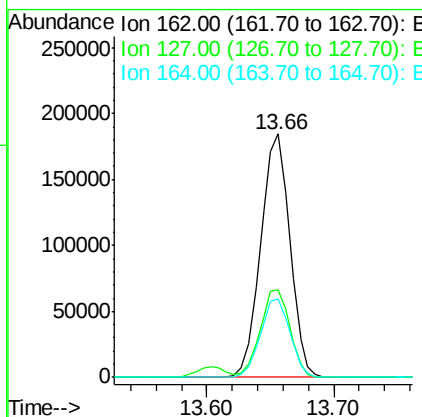
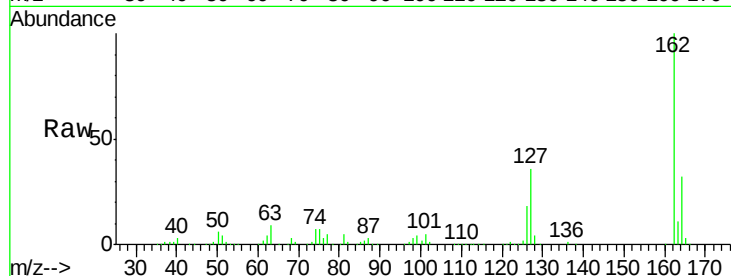




#47
 2-Chloronaphthalene
 Concen: 40.064 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

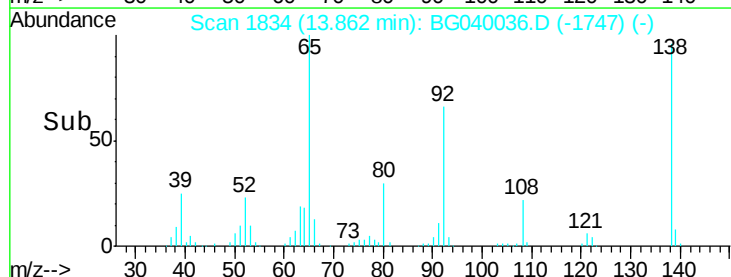
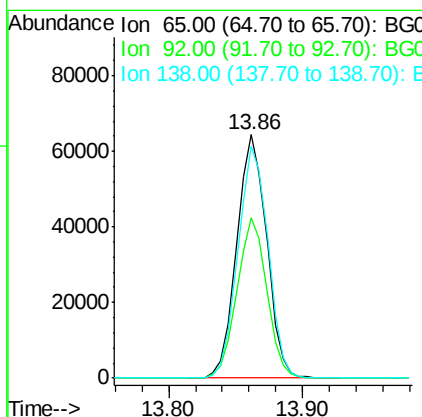
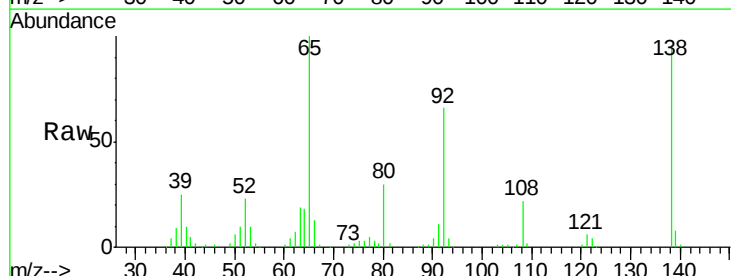
Instrument :
 BNA_G
 ClientSampleId :

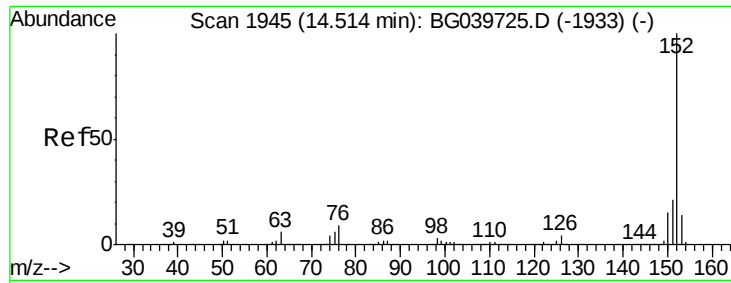
Tot Ion:162 Resp: 296212
 Ion Ratio Lower Upper
 162 100
 127 36.1 31.0 46.6
 164 32.3 25.7 38.5



#48
 2-Nitroaniline
 Concen: 41.813 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion: 65 Resp: 99349
 Ion Ratio Lower Upper
 65 100
 92 66.0 51.4 77.2
 138 95.6 71.4 107.2





#49

Acenaphthylene

Concen: 40.115 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

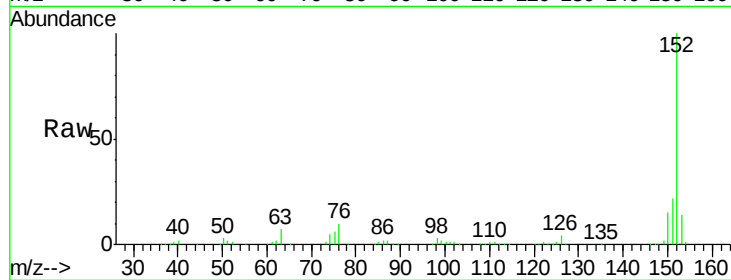
Instrument :

BNA_G

ClientSampleId :

Tot Ion:152 Resp: 486885

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.8	25.2
153	13.9	11.7	17.5

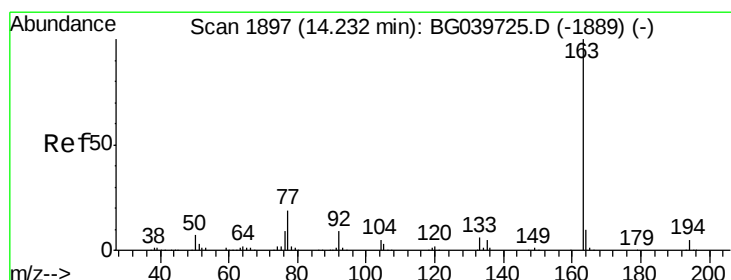
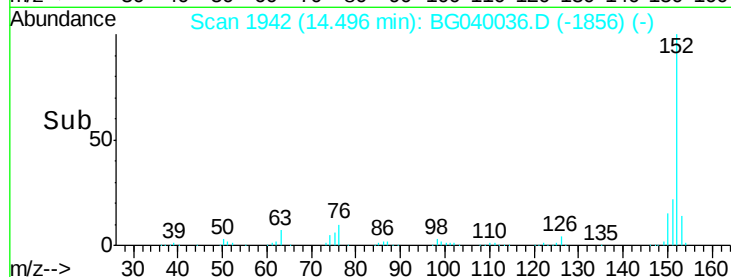
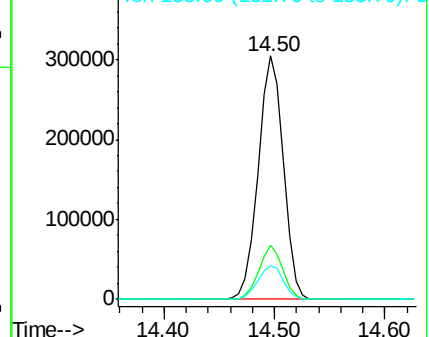


Abundance

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: 39.495 ng

RT: 14.22 min Scan# 1895

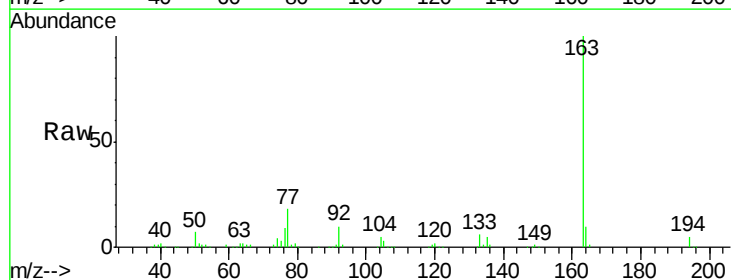
Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Tgt Ion:163 Resp: 394627

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.6	5.4
164	10.5	8.4	12.6

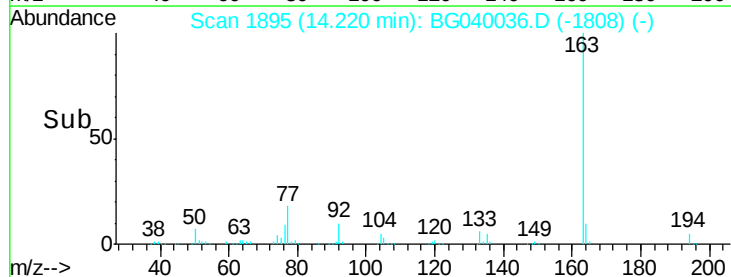
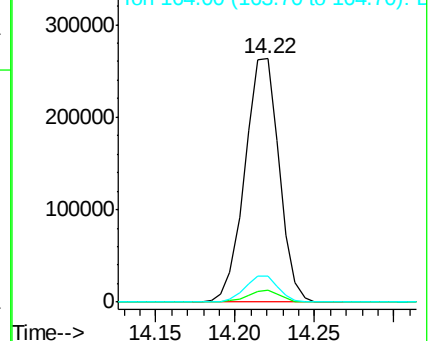


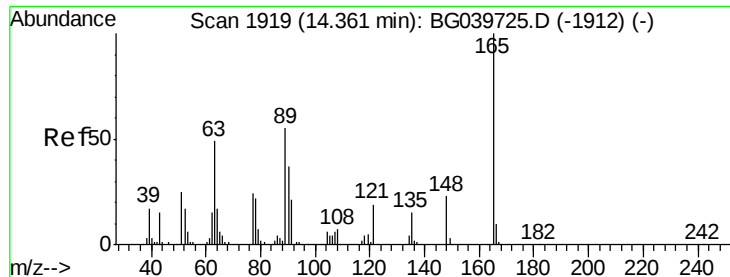
Abundance

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: 42.307 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

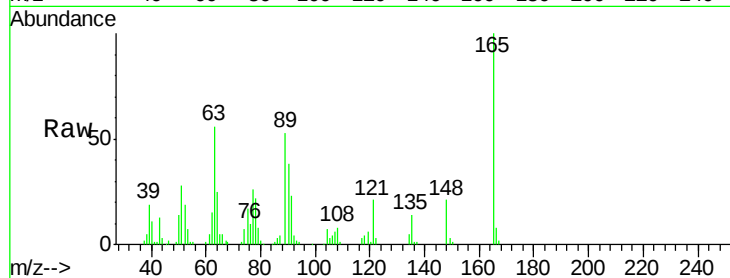
Tot Ion:165 Resp: 89615

Ion Ratio Lower Upper

165 100

63 55.7 47.0 70.6

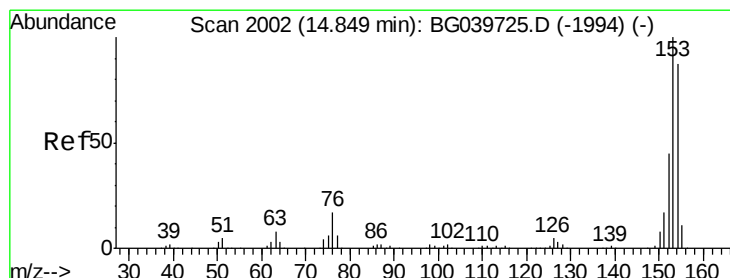
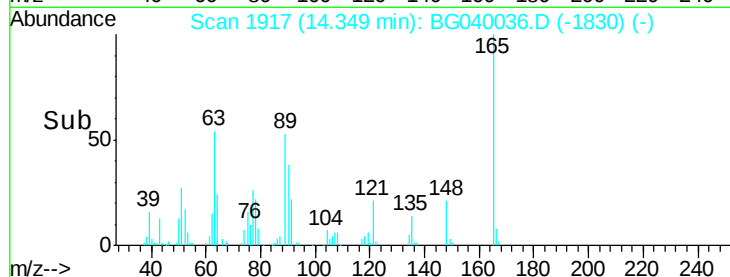
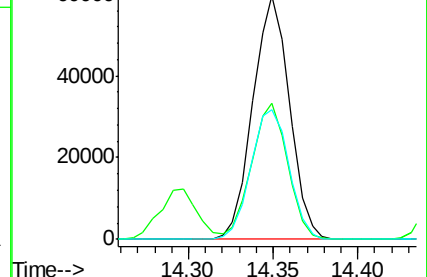
89 53.4 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.776 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

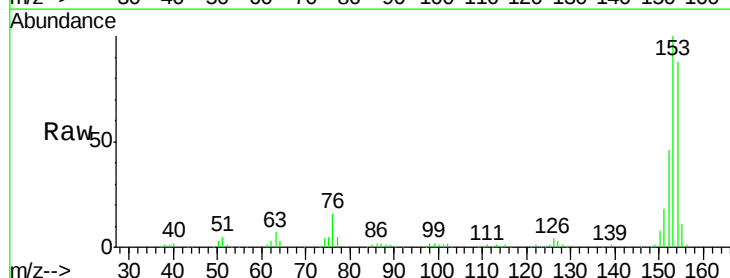
Tgt Ion:154 Resp: 290570

Ion Ratio Lower Upper

154 100

153 113.2 90.1 135.1

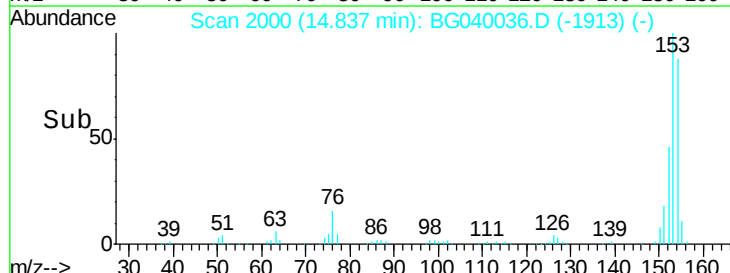
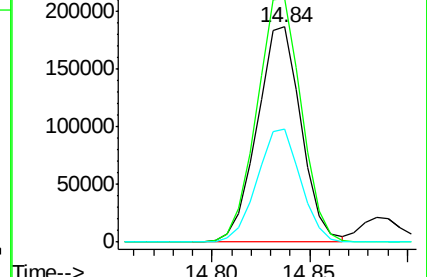
152 52.3 40.9 61.3

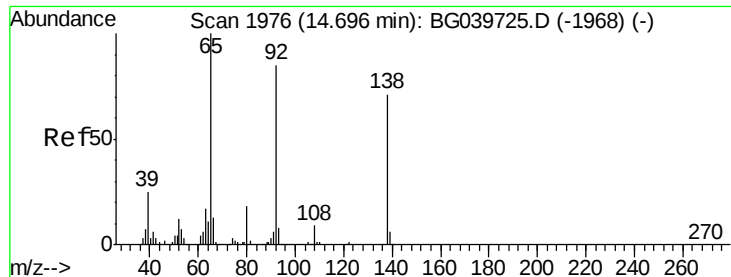


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

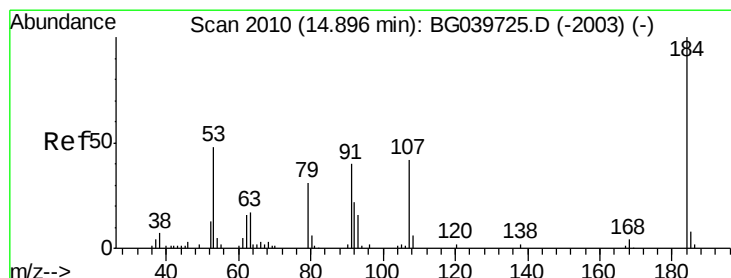
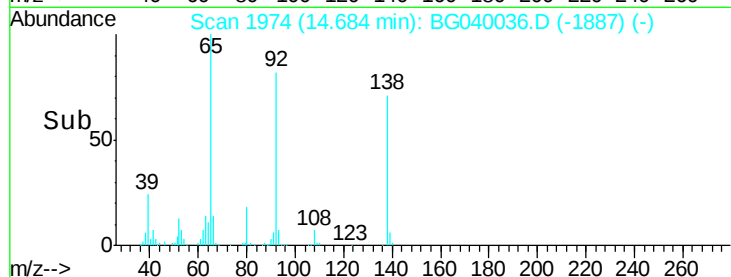
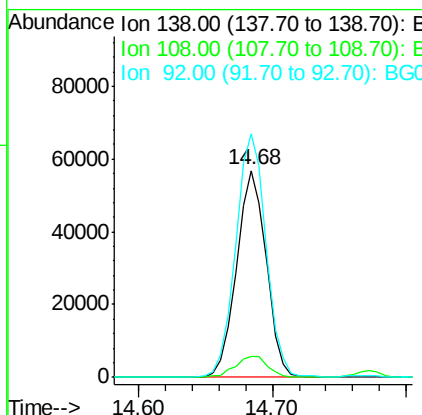
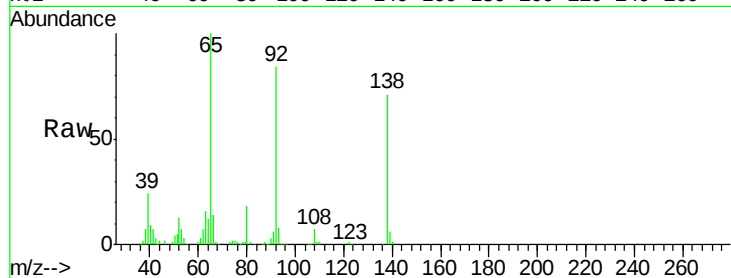




#53
3-Nitroaniline
Concen: 40.939 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

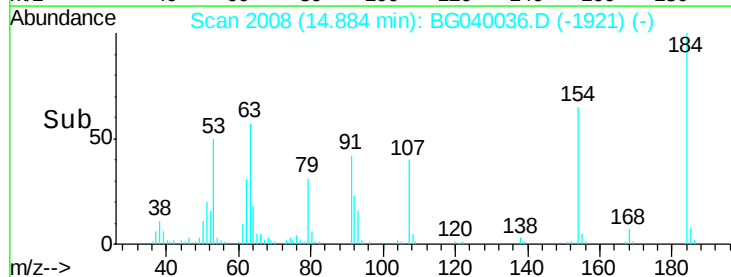
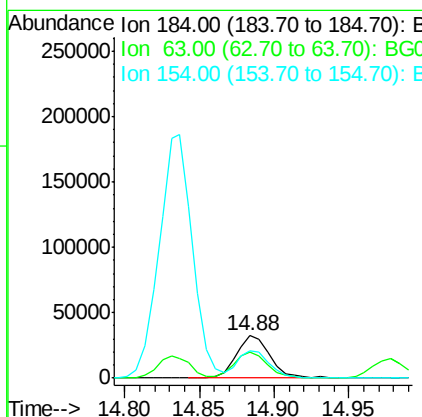
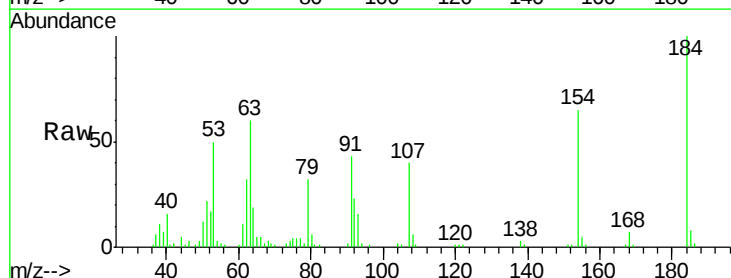
Instrument :
BNA_G
ClientSampleId :

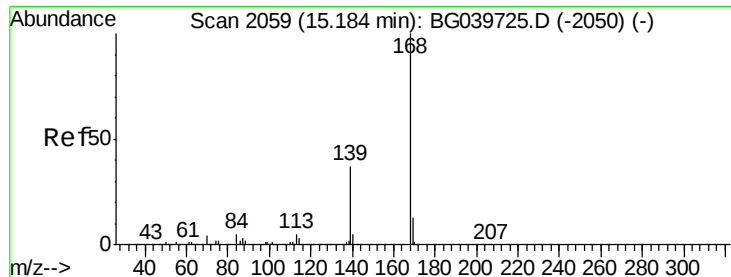
Tot Ion:138 Resp: 87169
Ion Ratio Lower Upper
138 100
108 10.2 13.8 20.8#
92 117.6 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 40.814 ng
RT: 14.88 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:184 Resp: 50839
Ion Ratio Lower Upper
184 100
63 60.2 50.9 76.3
154 64.9 53.0 79.6





#55

Dibenzenofuran

Concen: 39.456 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

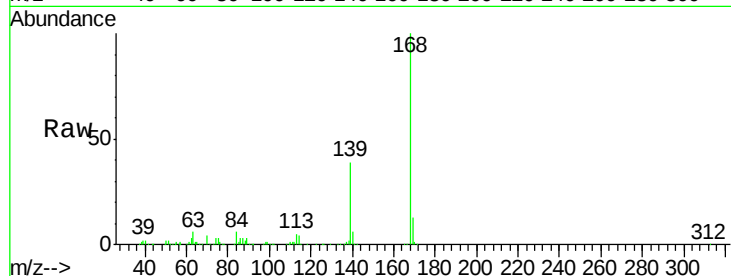
Tot Ion:168 Resp: 472891

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

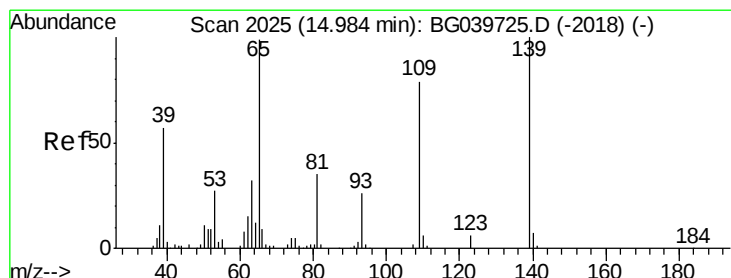
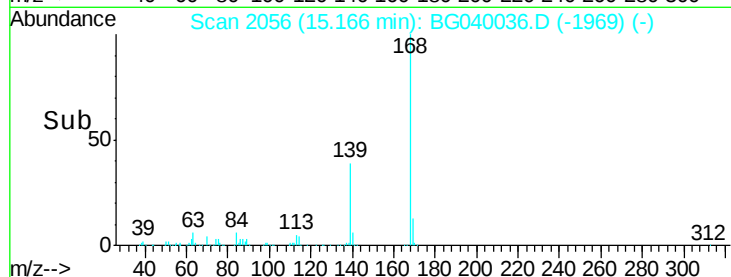
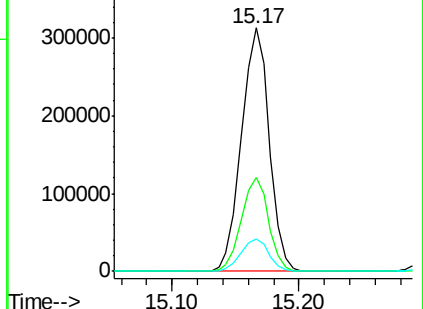
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.275 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

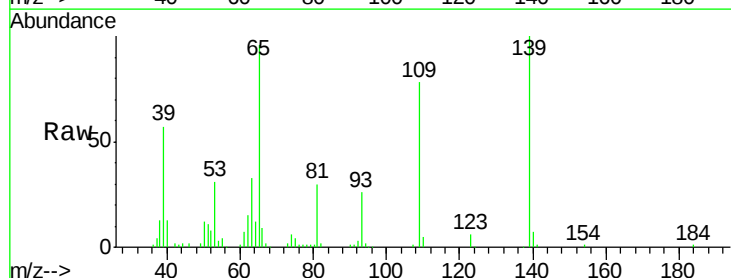
Tgt Ion:139 Resp: 70999

Ion Ratio Lower Upper

139 100

109 78.3 61.9 101.9

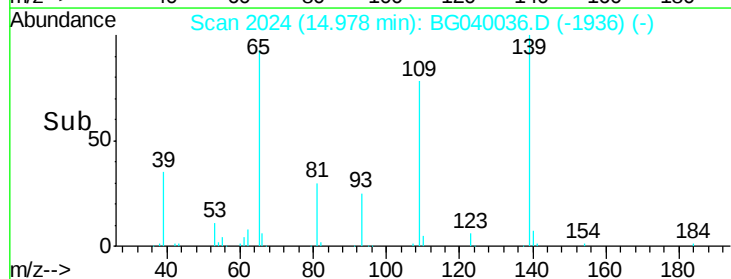
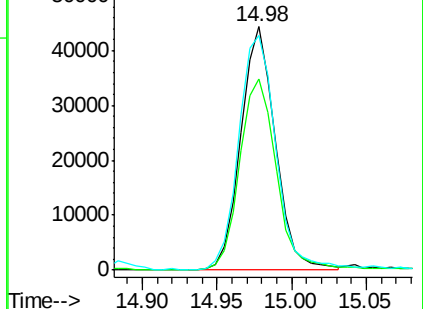
65 96.2 99.1 139.1#

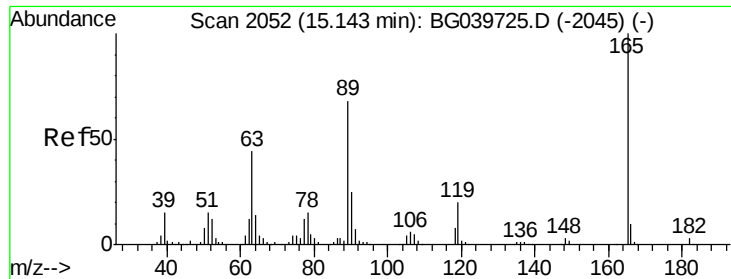


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO

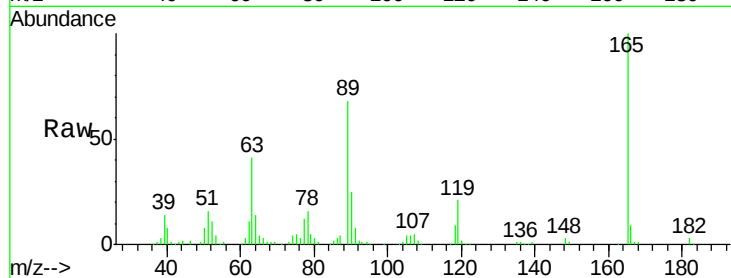




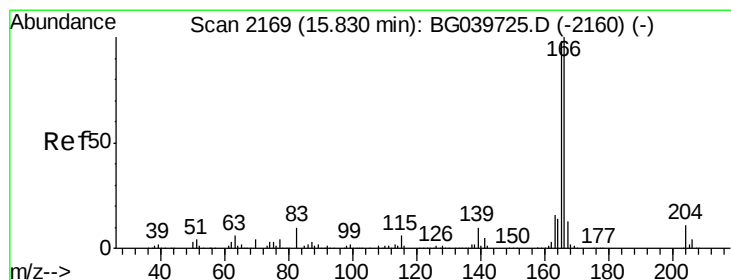
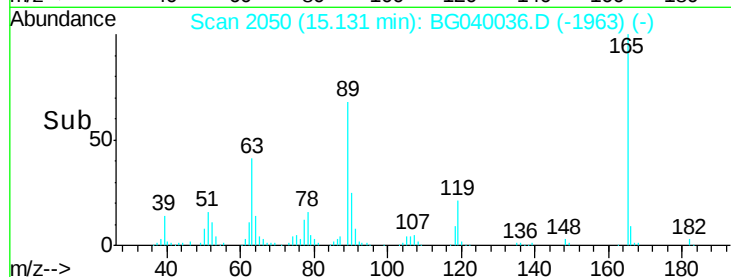
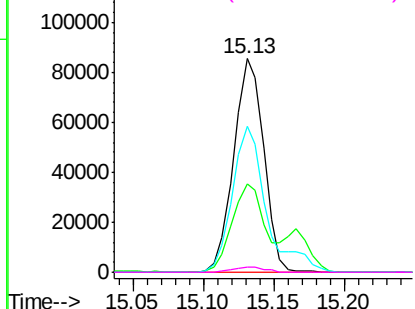
#57
2,4-Dinitrotoluene
Concen: 42.677 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:165	Resp:	127021
Ion	Ratio	Lower Upper
165	100	
63	41.4	41.0 61.6
89	68.3	64.6 96.8
182	2.6	2.0 3.0

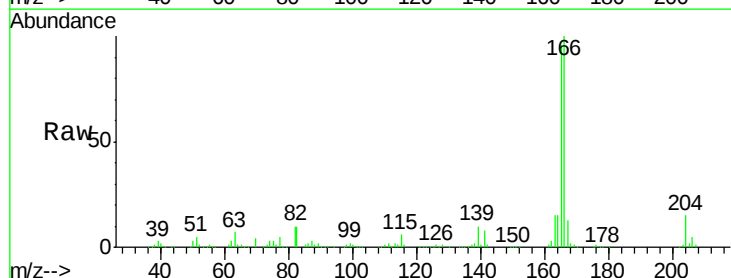


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

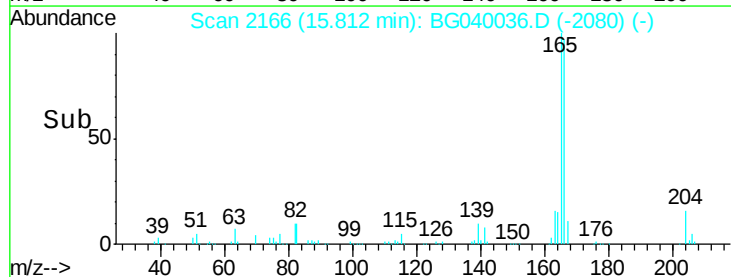
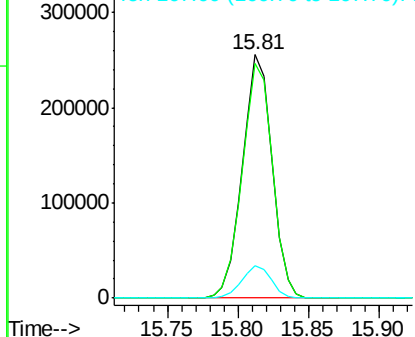


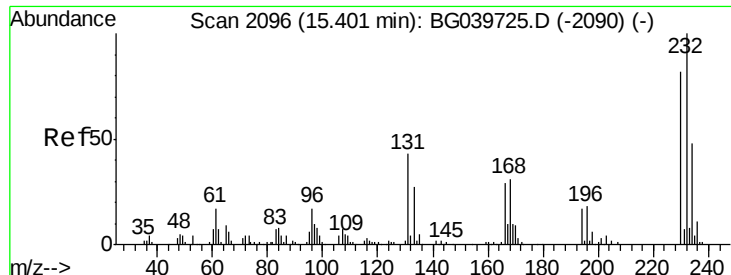
#58
Fluorene
Concen: 39.971 ng
RT: 15.81 min Scan# 2166
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:166	Resp:	376607
Ion	Ratio	Lower Upper
166	100	
165	96.5	77.9 116.9
167	13.1	10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

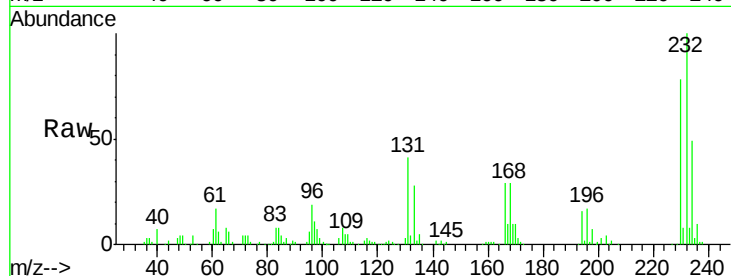




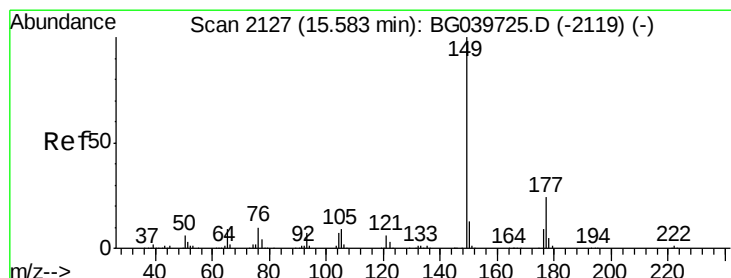
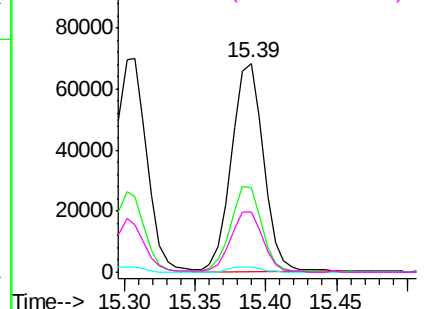
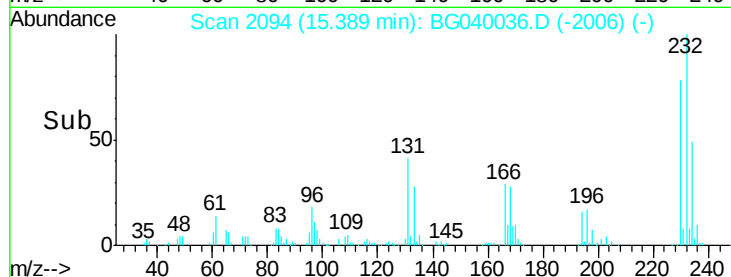
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.369 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:232	Resp:	107928
Ion Ratio	Lower	Upper
232	100	
131	40.3	34.9 52.3
130	2.4	2.0 3.0
166	29.4	24.1 36.1

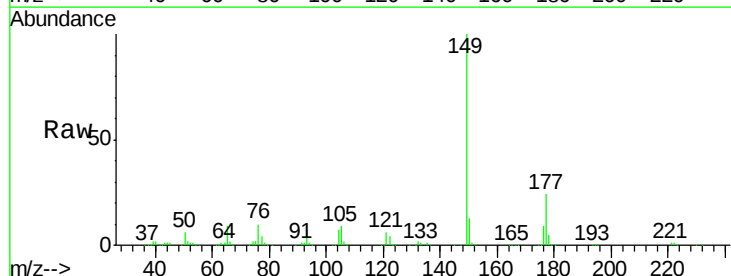


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

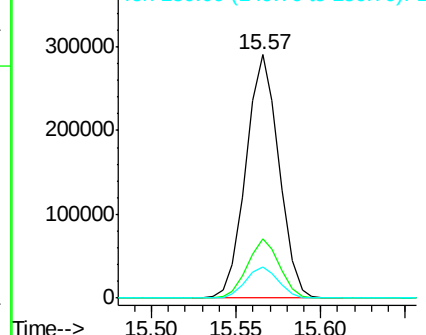
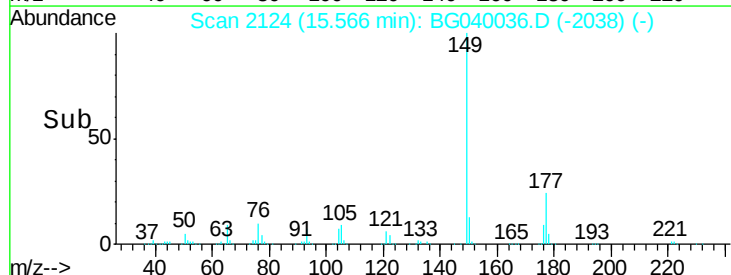


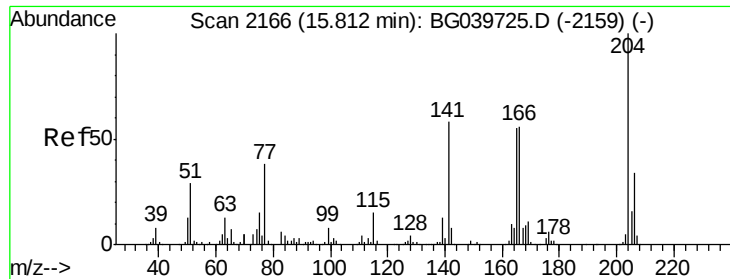
#60
 Diethylphthalate
 Concen: 39.870 ng
 RT: 15.57 min Scan# 2124
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:149	Resp:	394356
Ion Ratio	Lower	Upper
149	100	
177	24.1	18.3 27.5
150	12.7	10.2 15.2



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

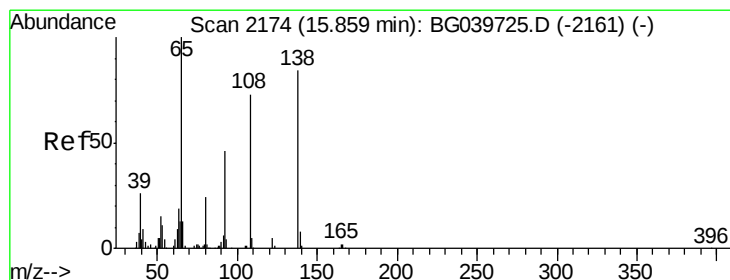
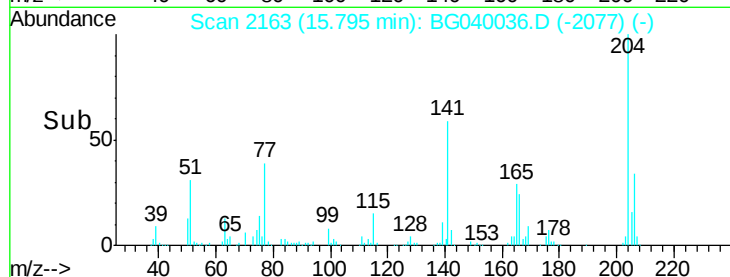
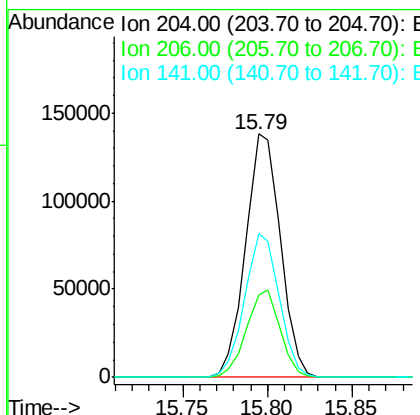
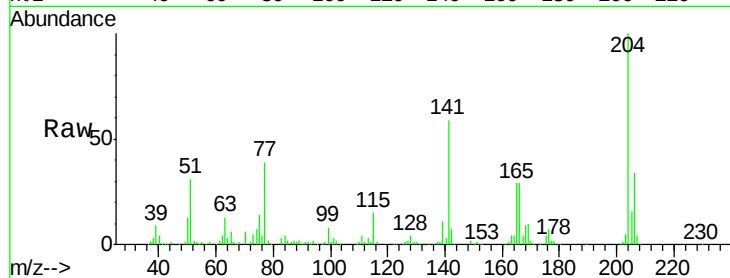




#61
4-Chlorophenyl-phenylether
Concen: 39.521 ng
RT: 15.79 min Scan# 2163
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

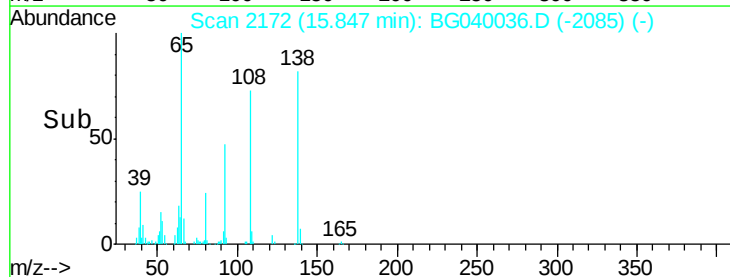
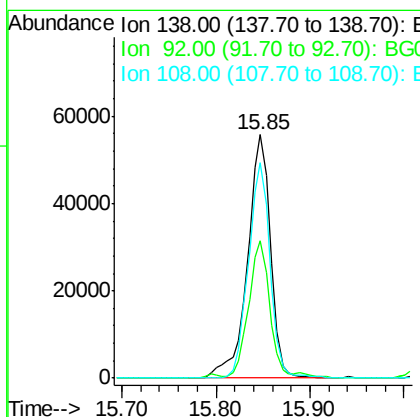
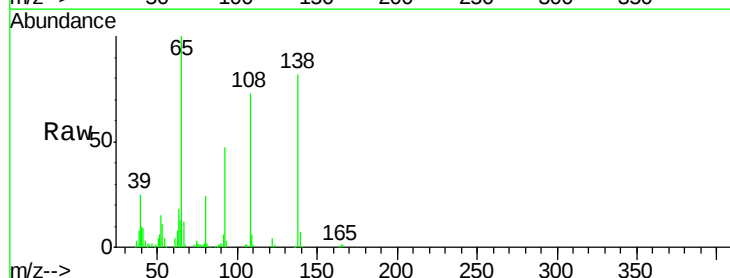
Instrument :
BNA_G
ClientSampleId :

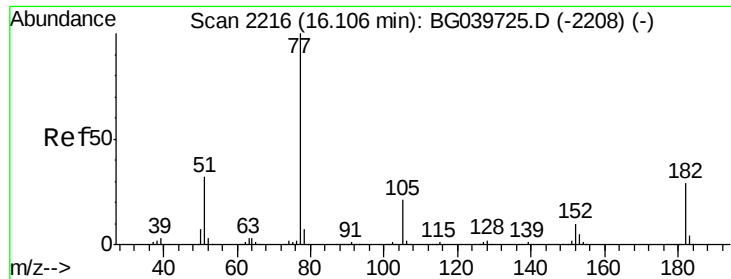
Tot Ion:204 Resp: 198709
Ion Ratio Lower Upper
204 100
206 33.6 29.2 43.8
141 59.0 49.0 73.4



#62
4-Nitroaniline
Concen: 40.777 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:138 Resp: 94128
Ion Ratio Lower Upper
138 100
92 56.6 38.7 78.7
108 88.4 74.6 114.6





#63

Azobenzene

Concen: 40.250 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 360887

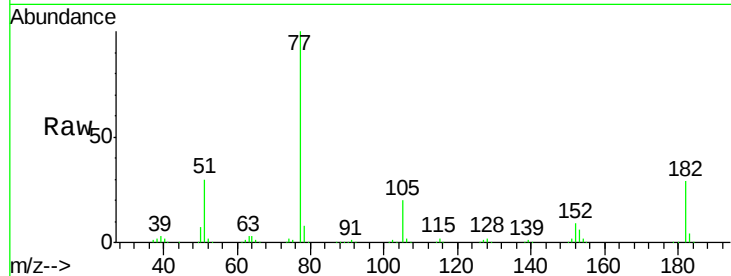
Ion Ratio Lower Upper

77 100

182 28.6 6.4 46.4

105 20.1 0.0 39.8

51 30.4 14.1 54.1

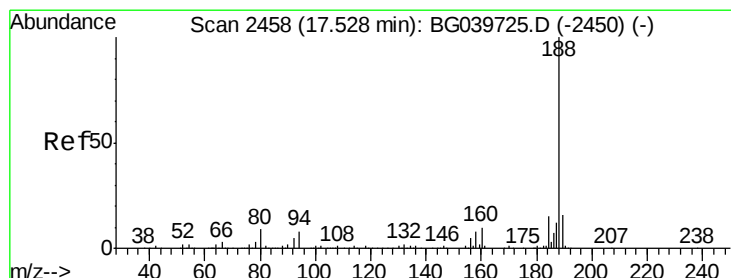
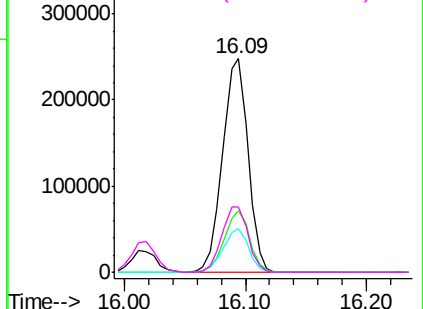
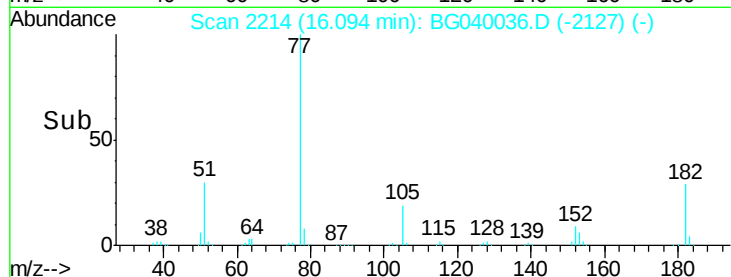


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG040036.D

Acq: 20 Mar 2019 15:03

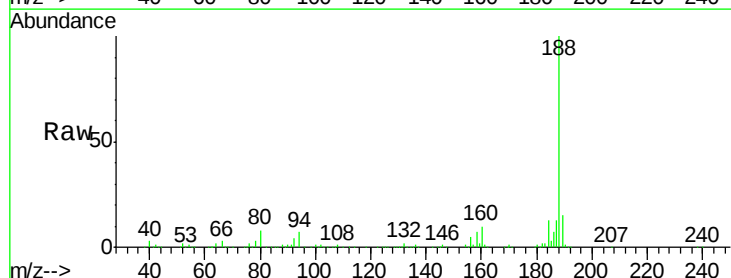
Tgt Ion: 188 Resp: 285487

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

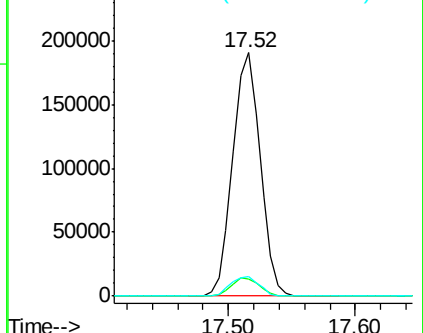
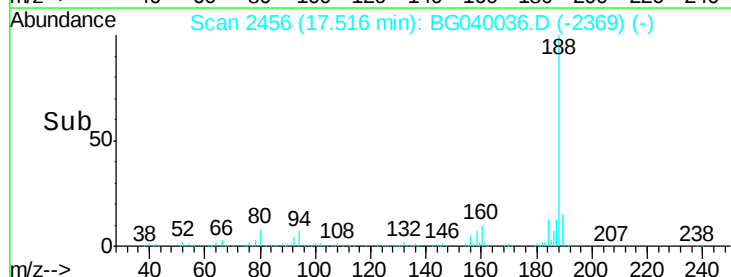
80 8.3 8.1 12.1

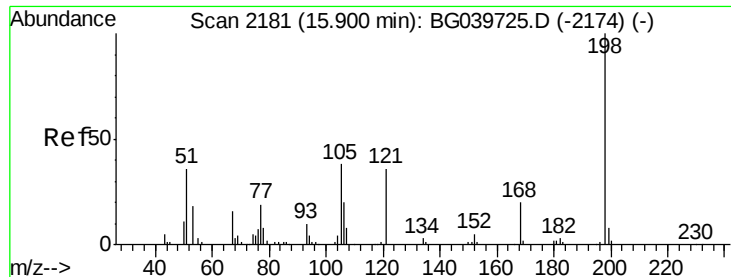


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 42.299 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

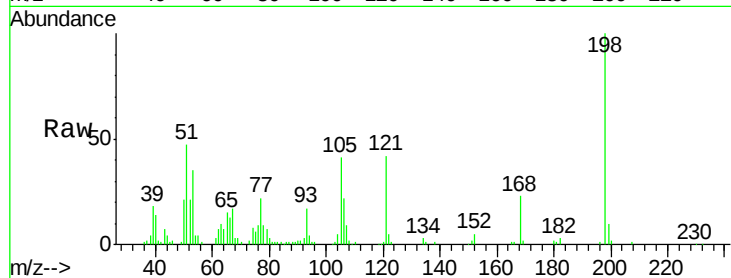
Tot Ion:198 Resp: 71400

Ion	Ratio	Lower	Upper
198	100		
51	46.7	27.4	67.4
105	41.1	19.7	59.7

198 100

51 46.7 27.4 67.4

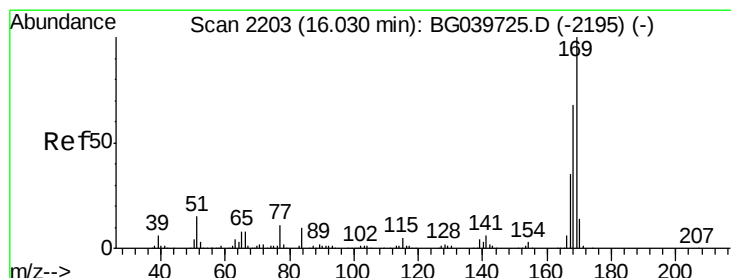
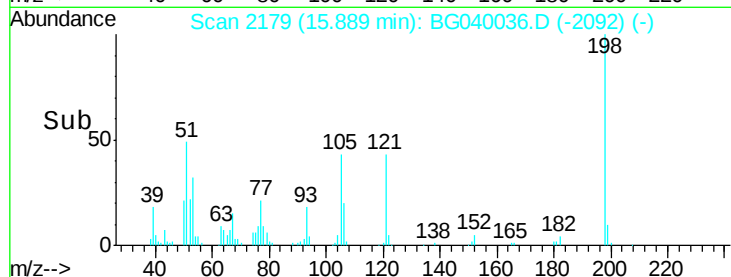
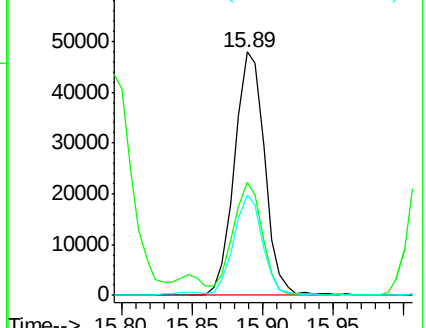
105 41.1 19.7 59.7



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: 40.924 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

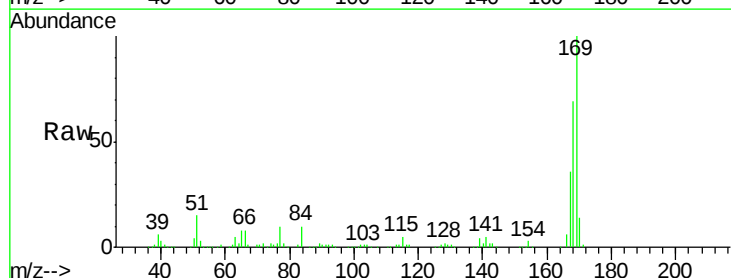
Tgt Ion:169 Resp: 338235

Ion	Ratio	Lower	Upper
169	100		
168	69.0	56.6	85.0
167	36.1	28.8	43.2

169 100

168 69.0 56.6 85.0

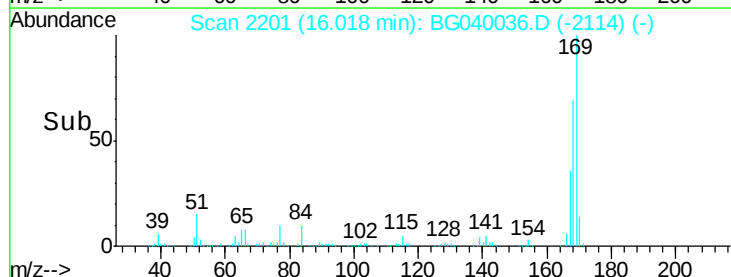
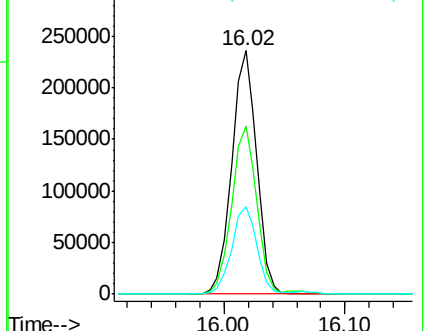
167 36.1 28.8 43.2

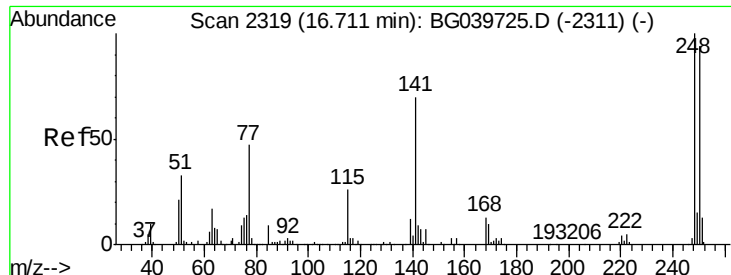


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

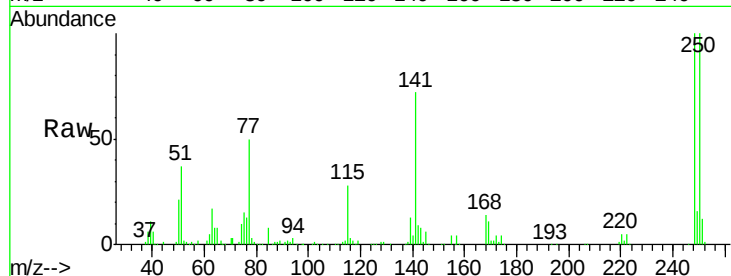




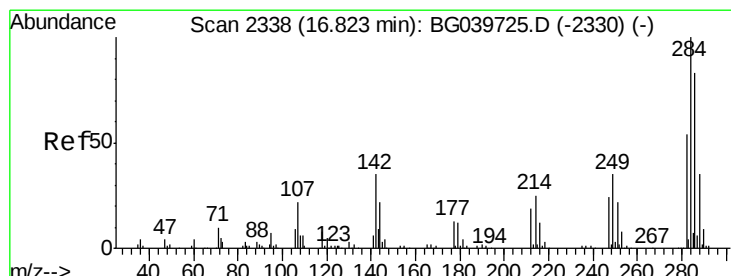
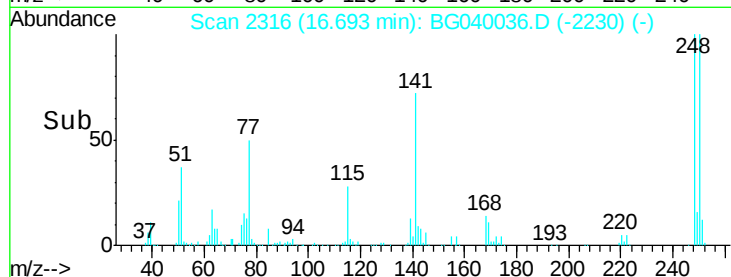
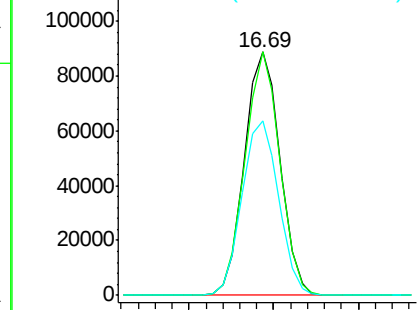
#67
 4-Bromophenyl-phenylether
 Concen: 40.801 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 130381
 Ion Ratio Lower Upper
 248 100
 250 100.0 77.6 116.4
 141 71.9 63.9 95.9

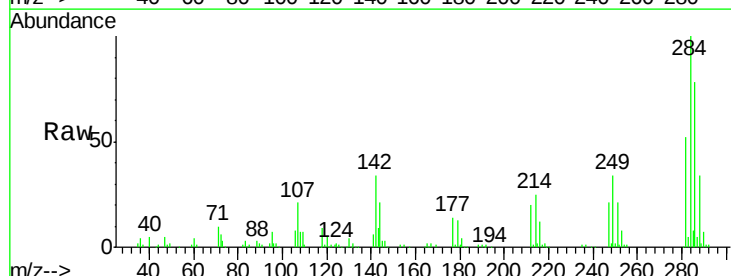


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

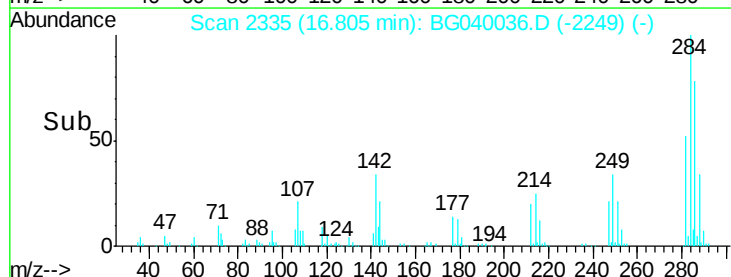
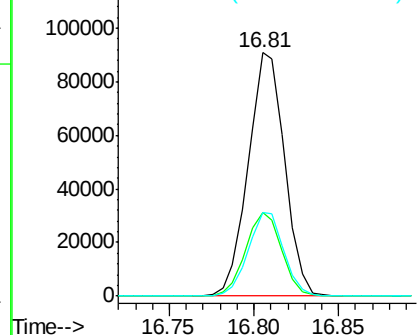


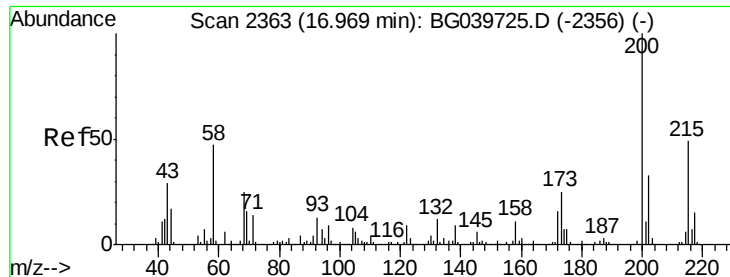
#68
 Hexachlorobenzene
 Concen: 41.046 ng
 RT: 16.81 min Scan# 2335
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:284 Resp: 135960
 Ion Ratio Lower Upper
 284 100
 142 34.3 30.6 45.8
 249 34.4 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: 38.690 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

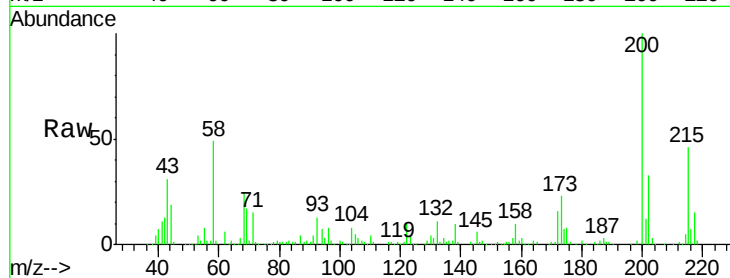
Tot Ion:200 Resp: 125849

Ion Ratio Lower Upper

200 100

173 22.7 3.9 43.9

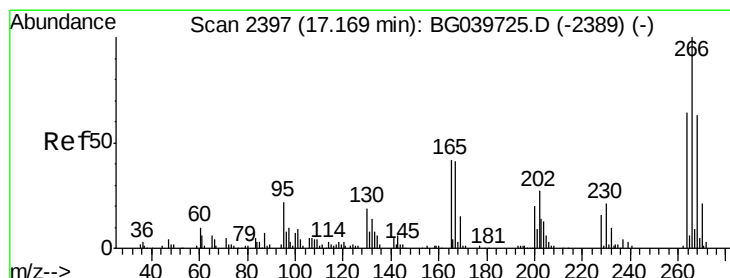
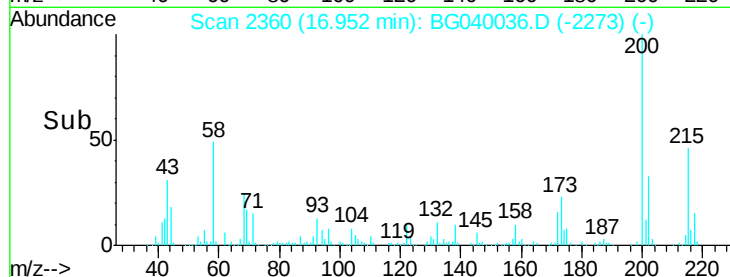
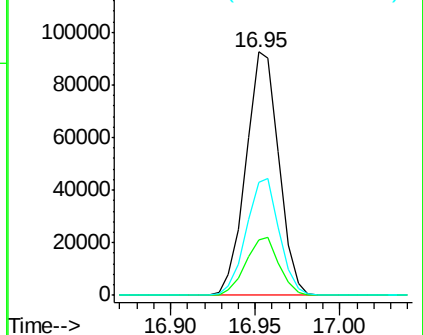
215 46.4 30.9 70.9



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: 39.216 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

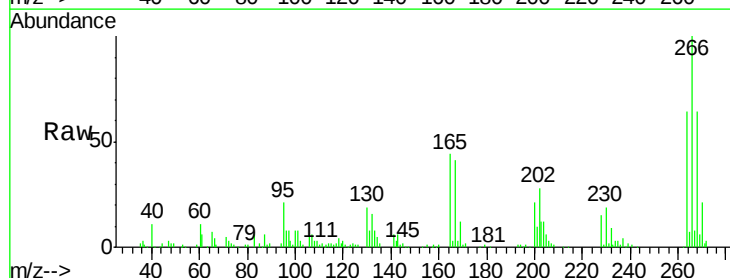
Tgt Ion:266 Resp: 82039

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

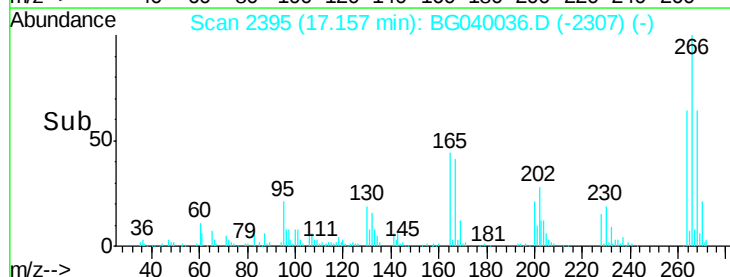
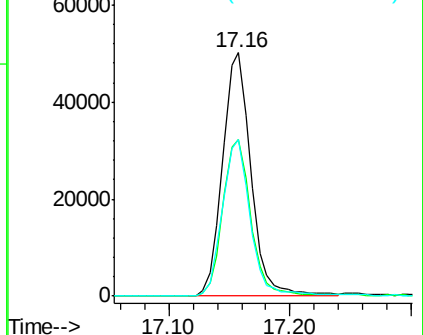
264 64.5 52.1 78.1

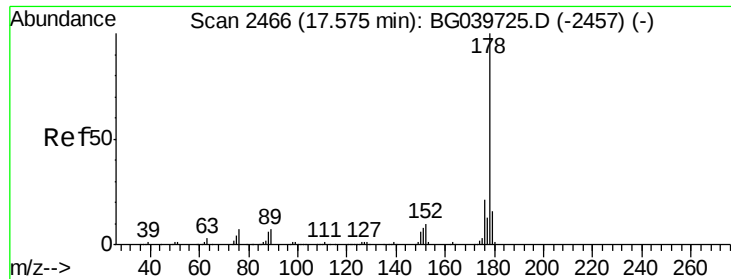


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

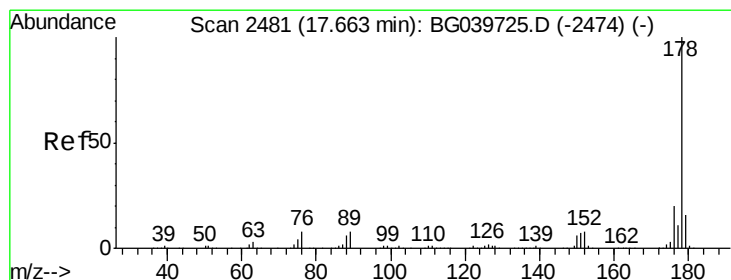
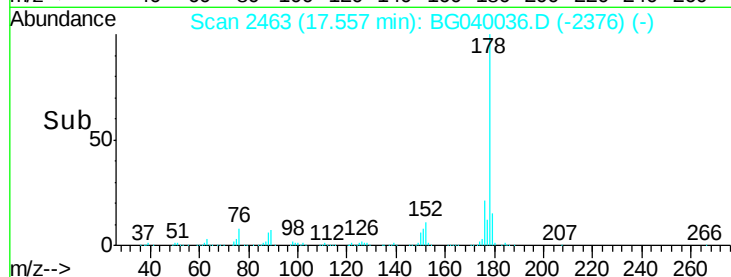
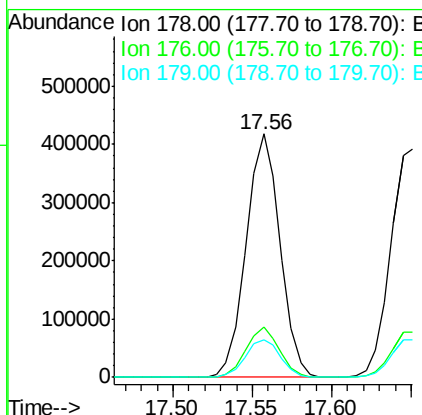
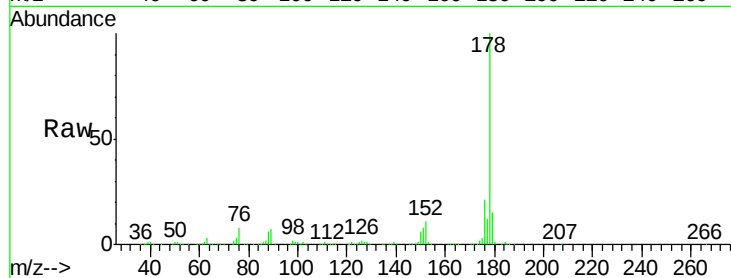




#71
 Phenanthrene
 Concen: 39.340 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

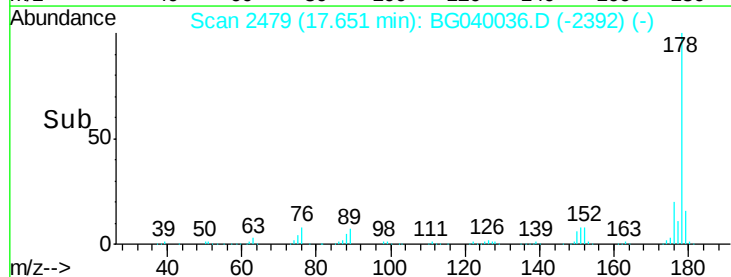
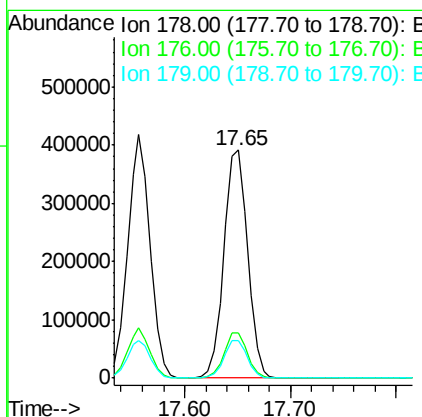
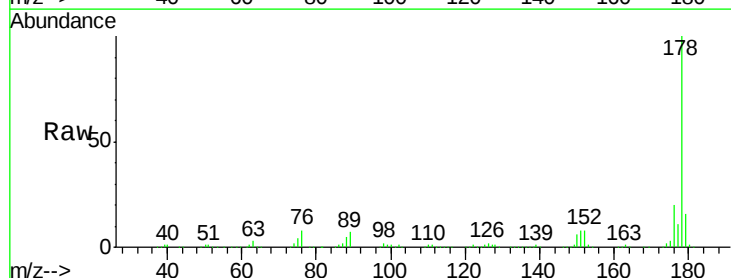
Instrument :
 BNA_G
 ClientSampleId :

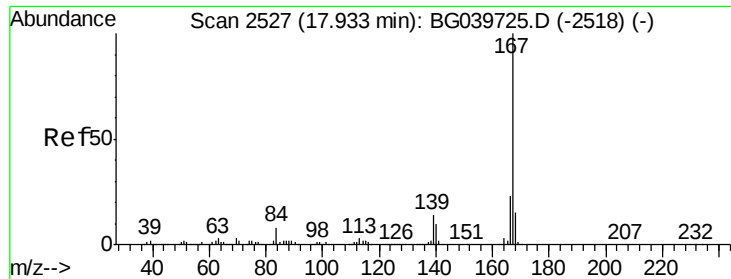
Tot Ion:178 Resp: 618625
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.2 24.4
 179 15.5 12.6 19.0



#72
 Anthracene
 Concen: 39.833 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:178 Resp: 610390
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.8 23.6
 179 16.4 12.5 18.7

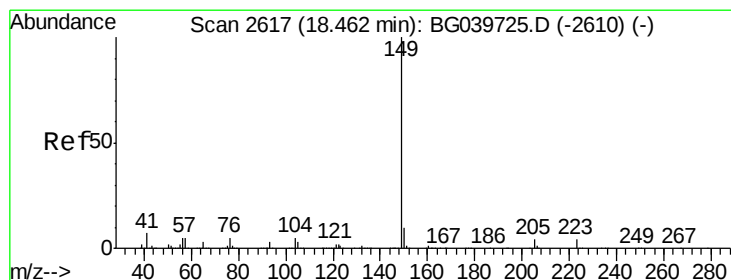
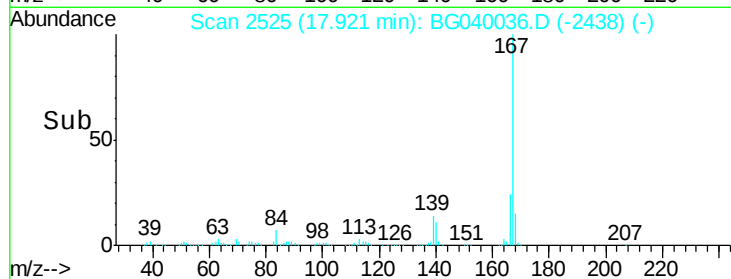
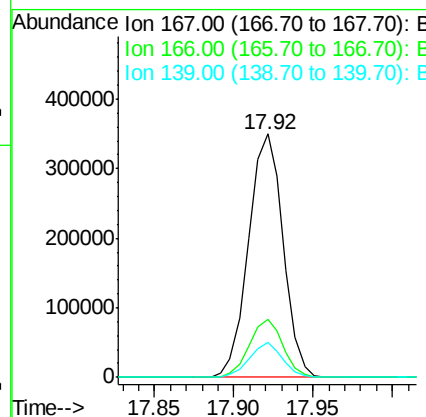
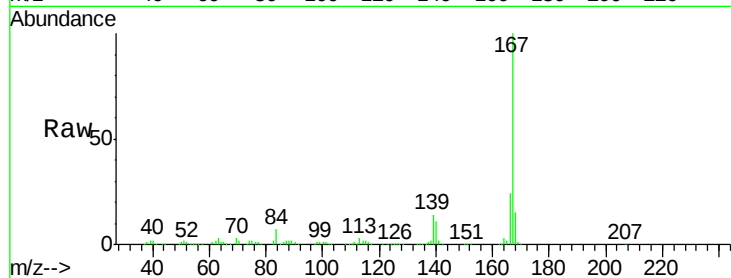




#73
 Carbazole
 Concen: 38.336 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

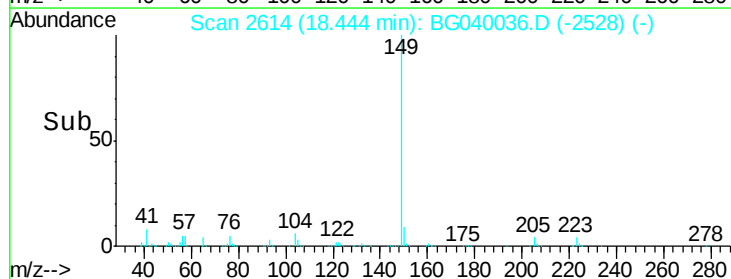
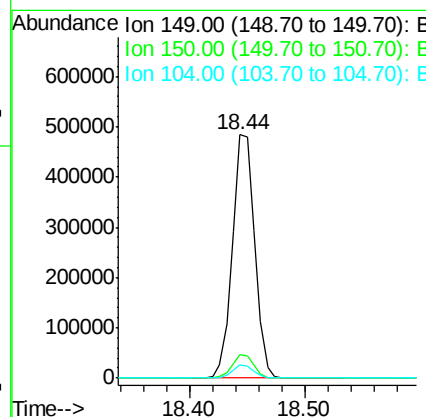
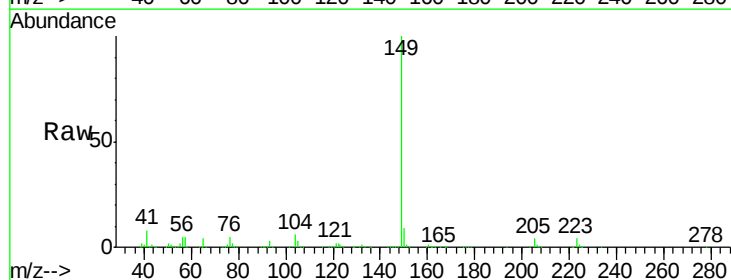
Instrument :
 BNA_G
 ClientSampleId :

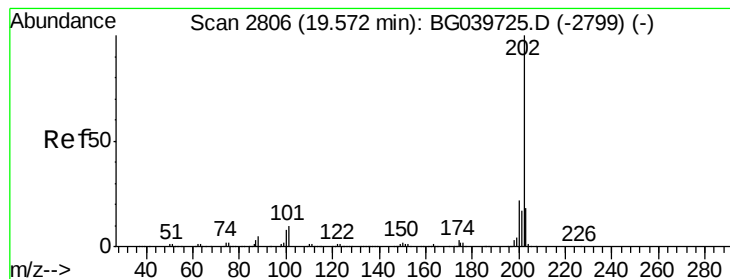
Tot Ion:167 Resp: 529601
 Ion Ratio Lower Upper
 167 100
 166 23.6 19.4 29.2
 139 14.1 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 39.754 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040036.D
 Acq: 20 Mar 2019 15:03

Tgt Ion:149 Resp: 646148
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.7 11.5
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 38.261 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

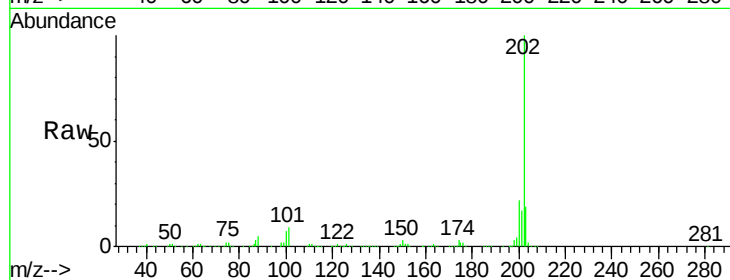
Tot Ion:202 Resp: 711038

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

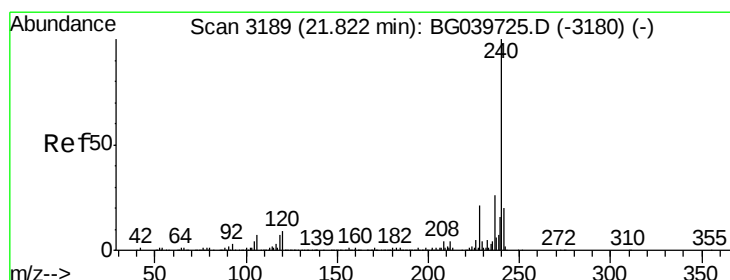
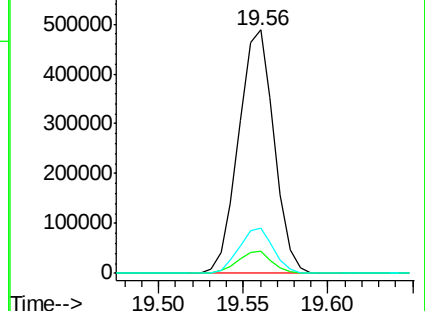
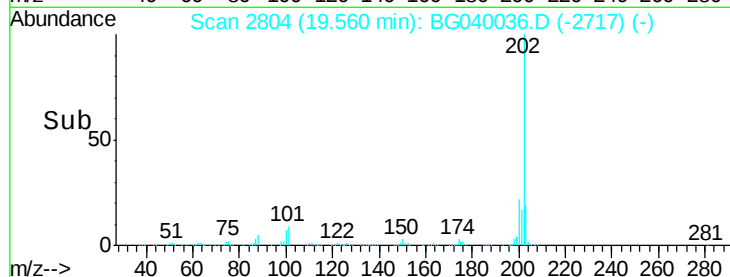
203 18.6 0.0 38.9



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: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

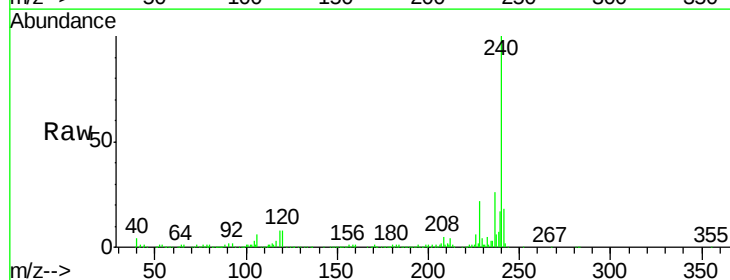
Tgt Ion:240 Resp: 267775

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

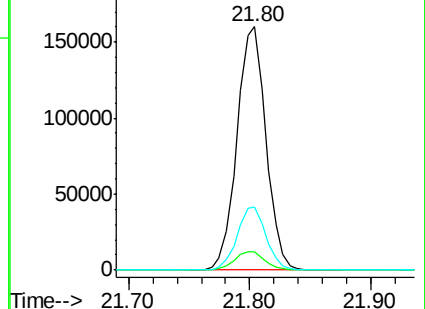
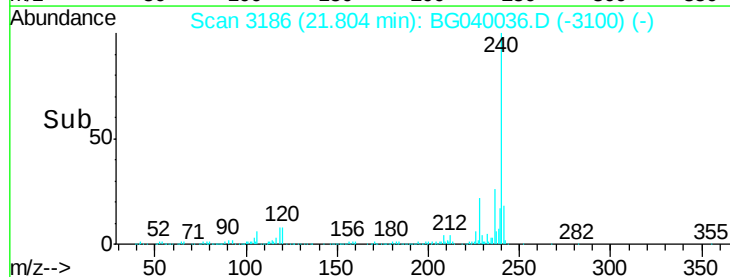
236 25.8 21.0 31.4

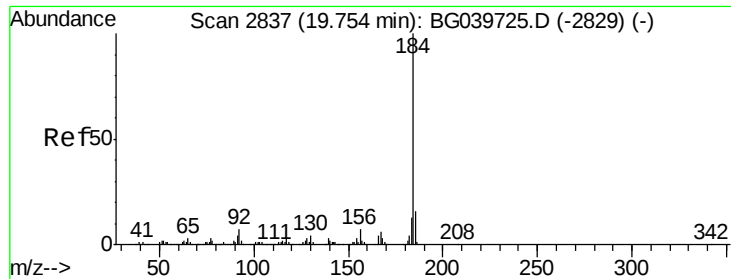


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.056 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

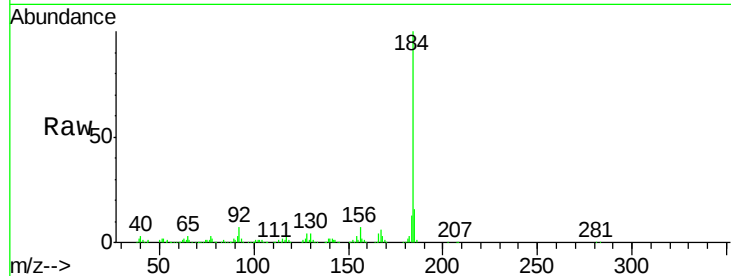
Tot Ion:184 Resp: 272393

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

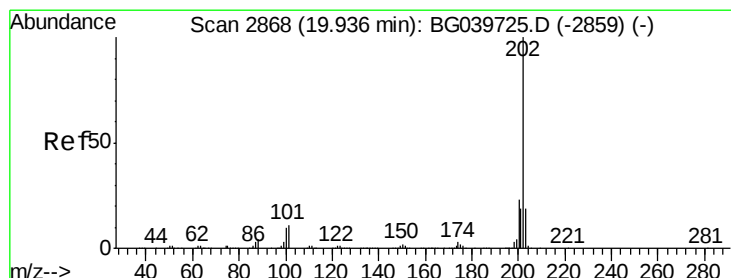
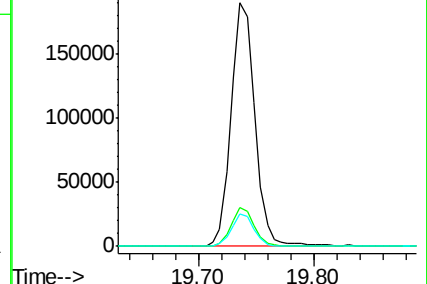
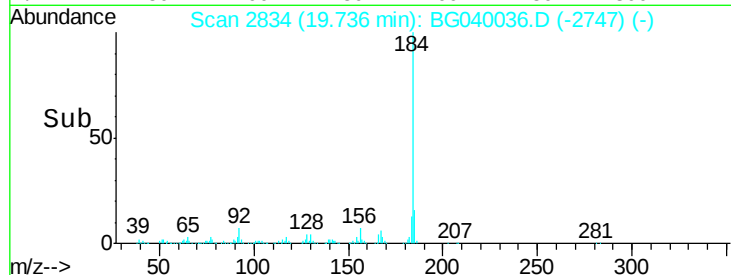
183 13.3 10.6 15.8



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: 40.712 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

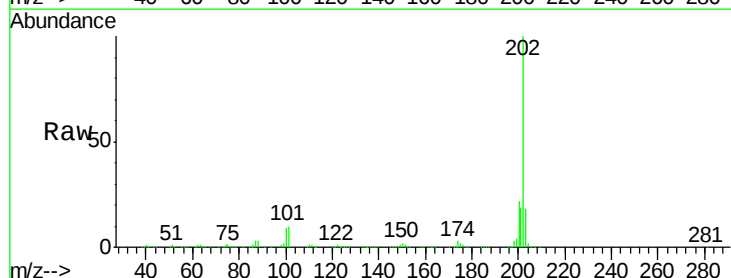
Tgt Ion:202 Resp: 708400

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

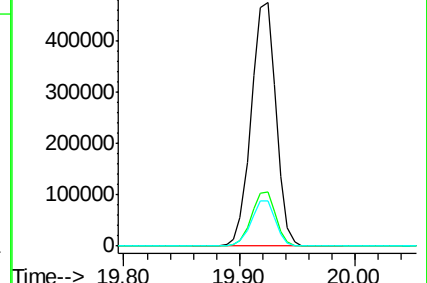
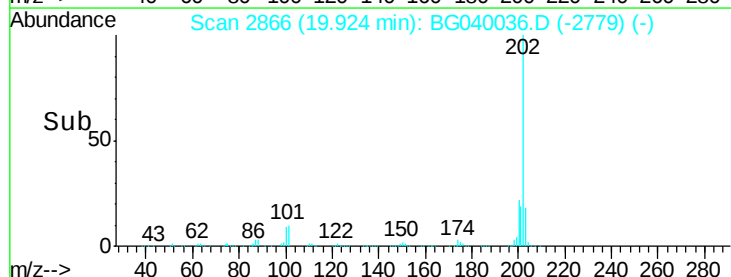
203 18.5 15.3 22.9

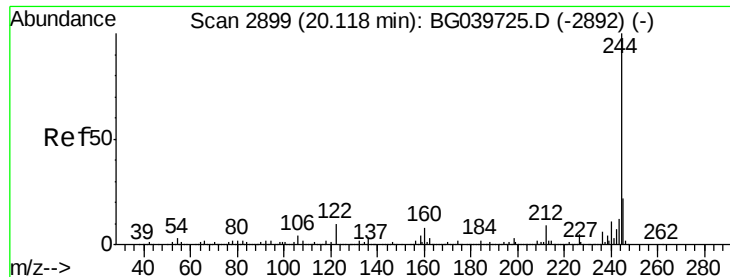


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.896 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampled :

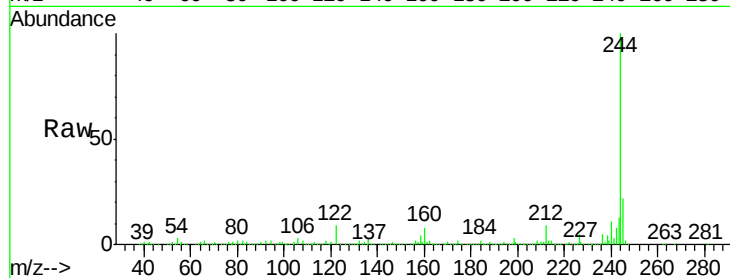
Tot Ion:244 Resp: 983823

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

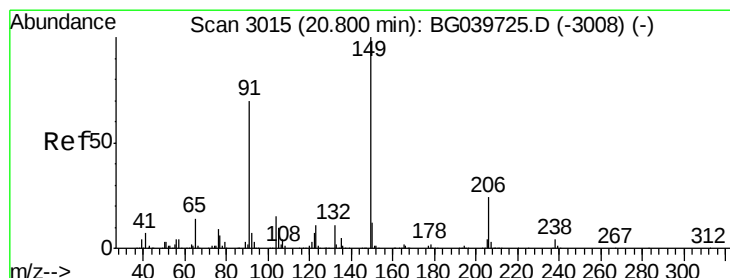
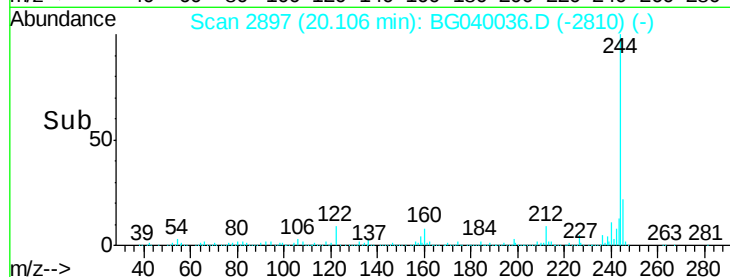
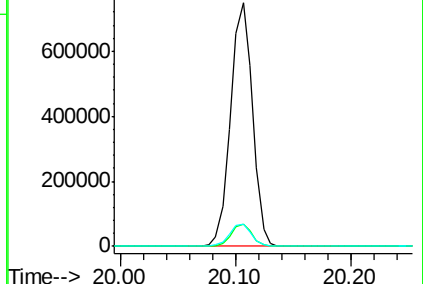
122 9.0 8.4 12.6



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: 41.524 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

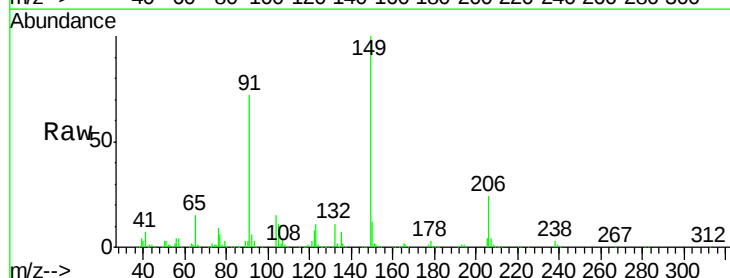
Tgt Ion:149 Resp: 279925

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

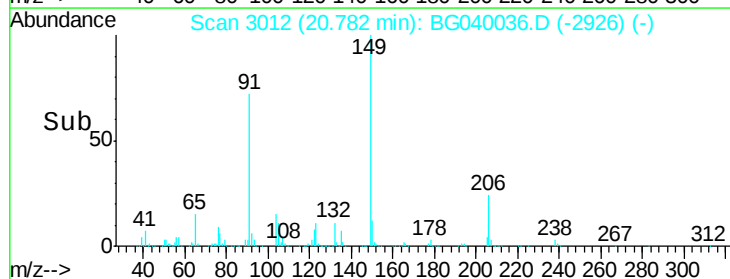
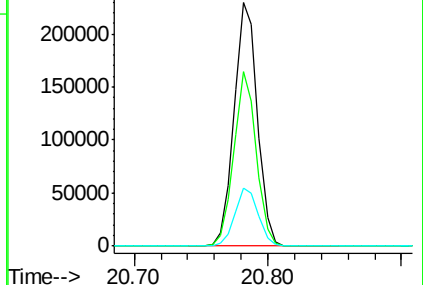
206 23.7 18.6 27.8

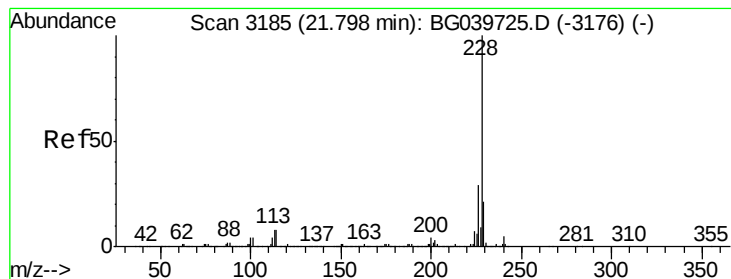


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.215 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

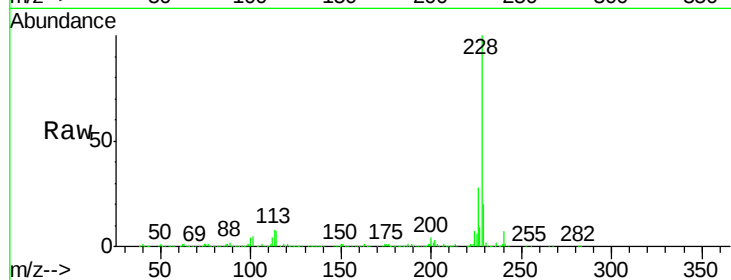
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 658122

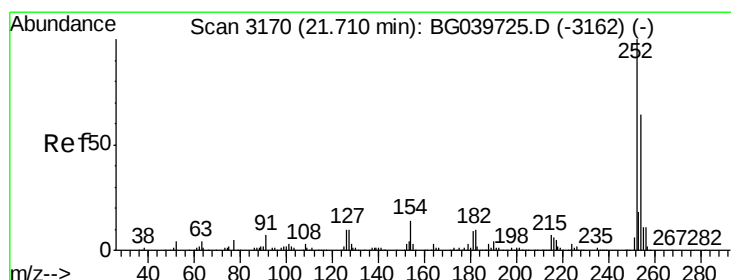
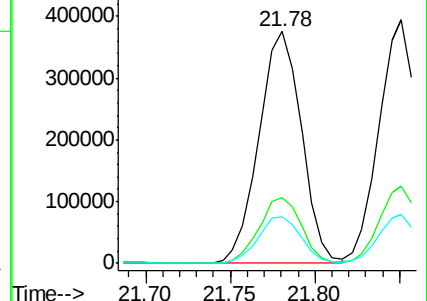
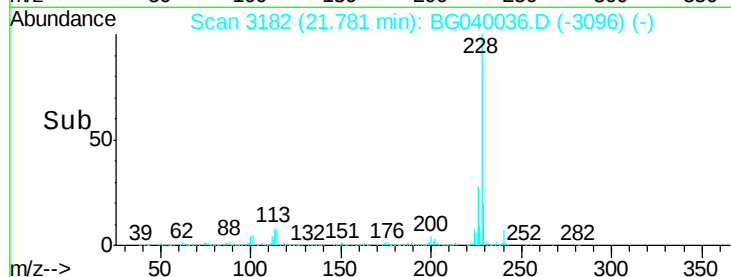
Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.0	34.6
229	20.3	16.9	25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.177 ng

RT: 21.69 min Scan# 3167

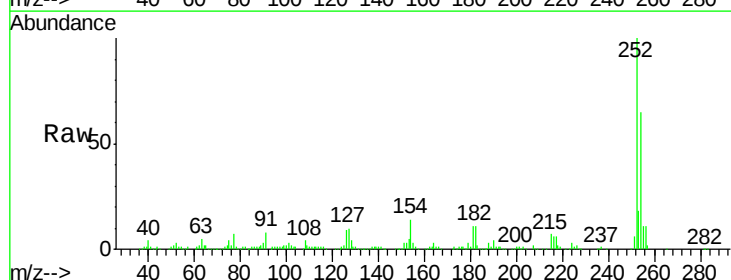
Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Tgt Ion:252 Resp: 233913

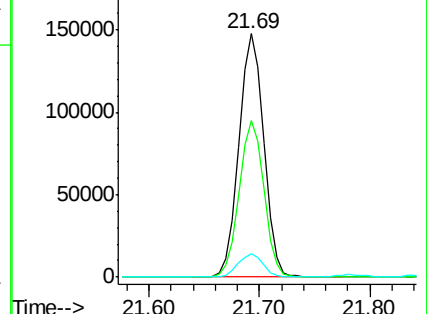
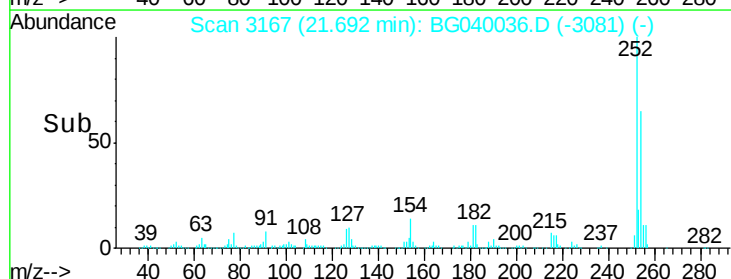
Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.3	76.9
126	9.4	8.0	12.0

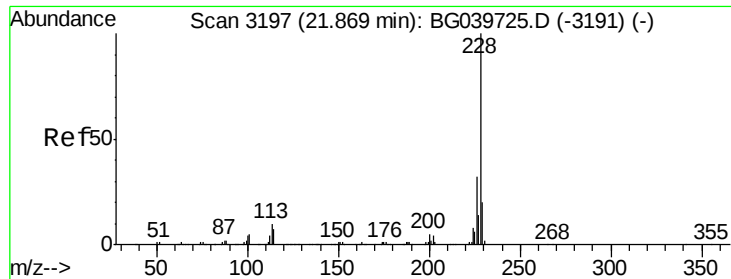


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

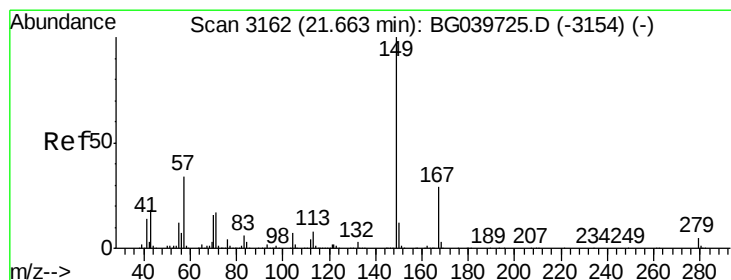
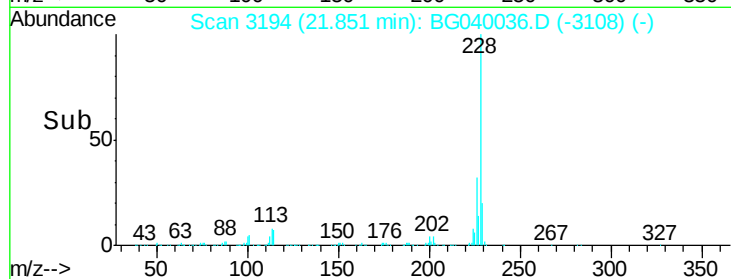
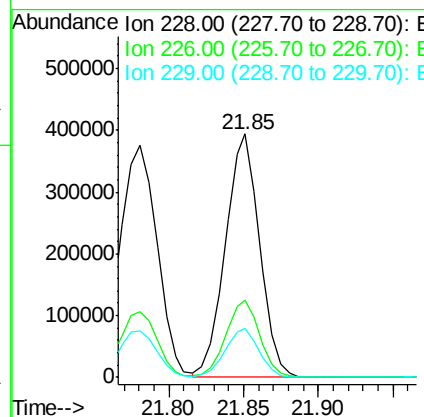
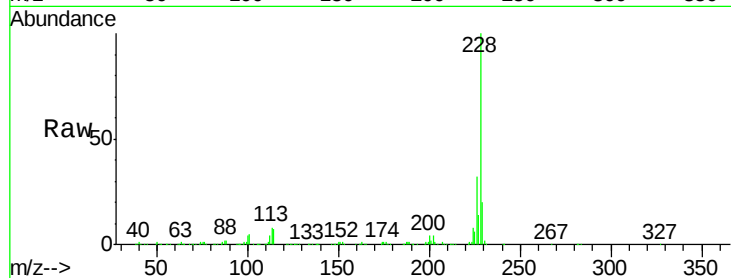




#83
Chrysene
Concen: 38.761 ng
RT: 21.85 min Scan# 3194
Delta R.T. -0.02 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

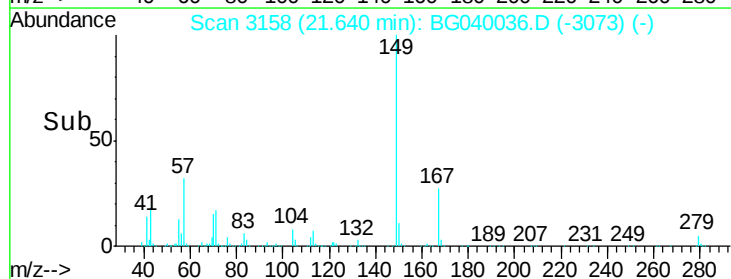
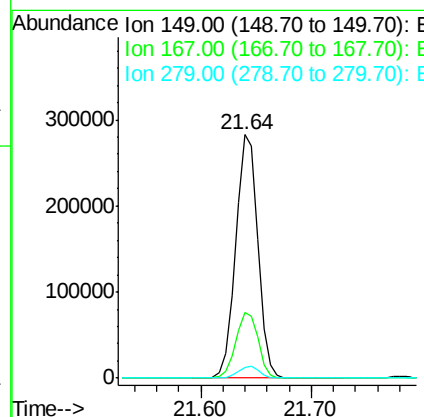
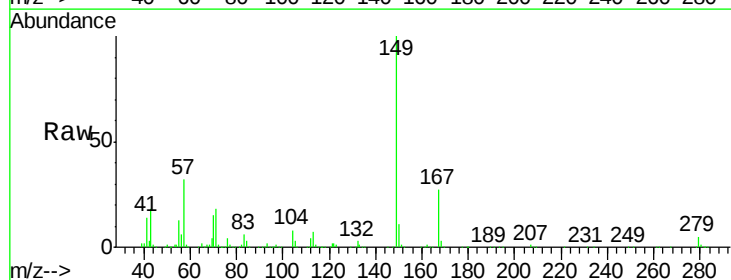
Instrument :
BNA_G
ClientSampleId :

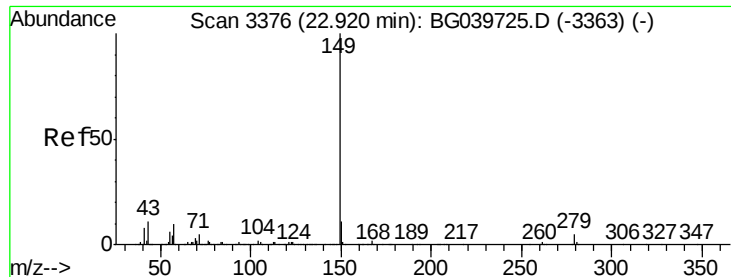
Tot Ion:228 Resp: 630638
Ion Ratio Lower Upper
228 100
226 31.8 25.8 38.6
229 20.4 16.6 25.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.046 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.03 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:149 Resp: 398305
Ion Ratio Lower Upper
149 100
167 27.0 22.6 34.0
279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 42.224 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.04 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA_G

ClientSampleId :

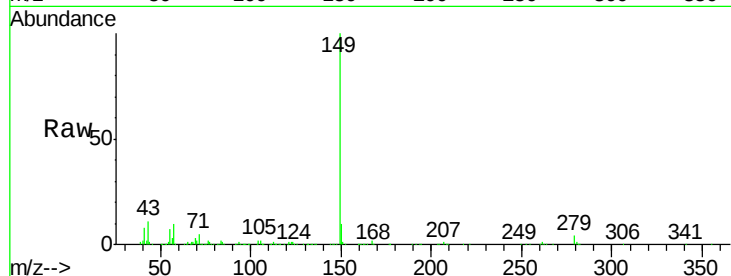
Tot Ion:149 Resp: 662295

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

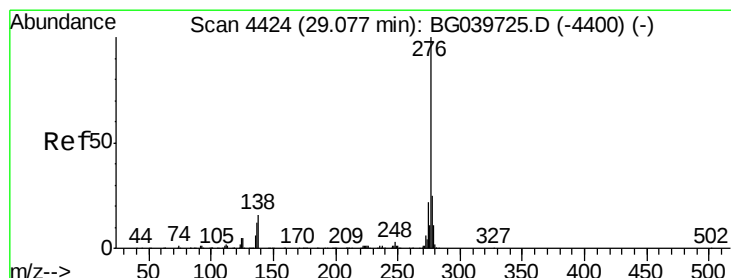
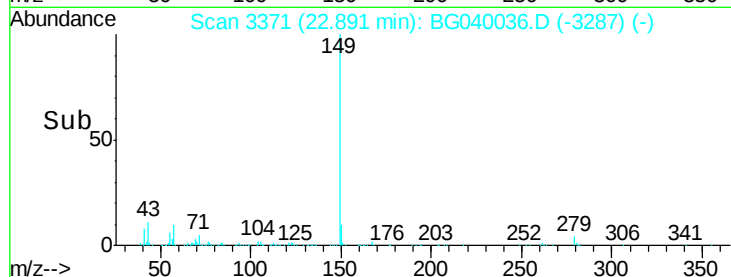
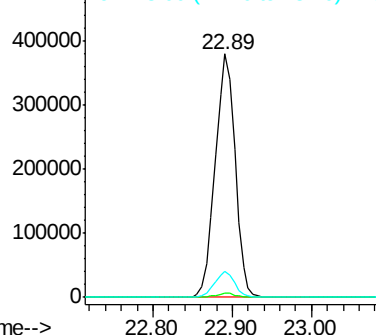
43 10.6 10.2 15.4



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: 39.916 ng

RT: 29.02 min Scan# 4414

Delta R.T. -0.07 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

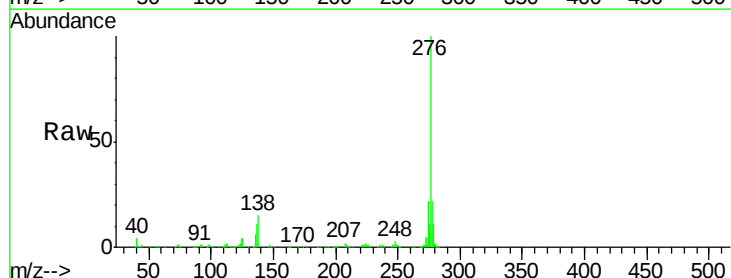
Tgt Ion:276 Resp: 736744

Ion Ratio Lower Upper

276 100

138 20.1 12.6 19.0#

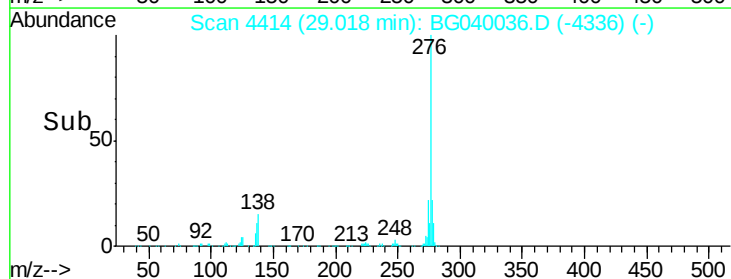
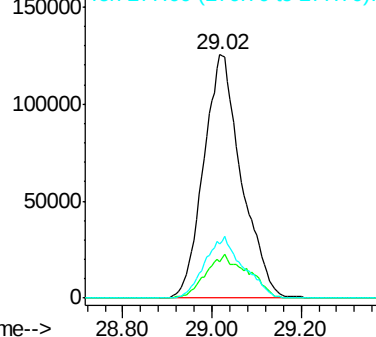
277 25.7 20.8 31.2

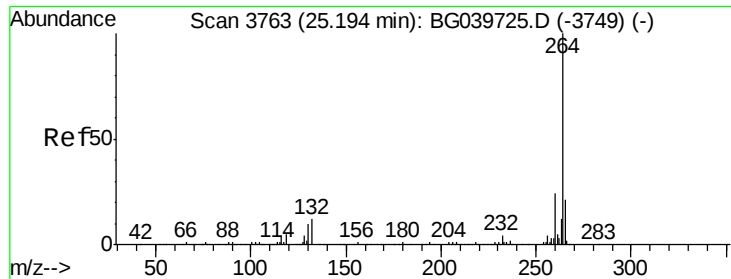


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

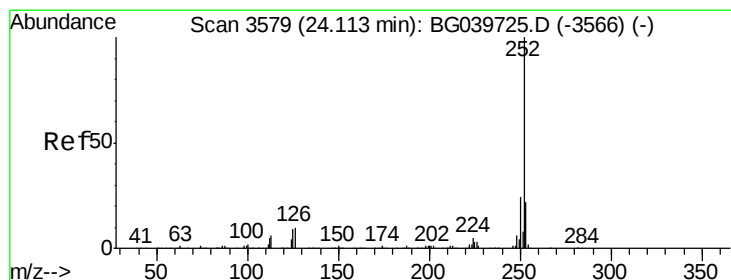
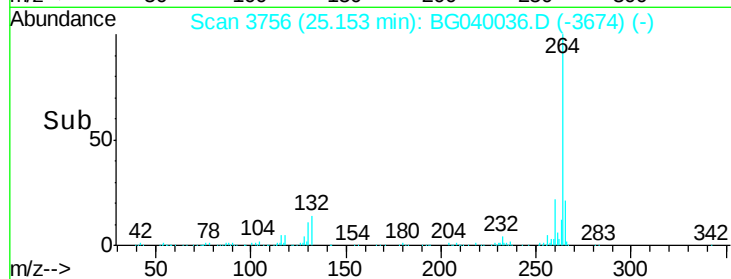
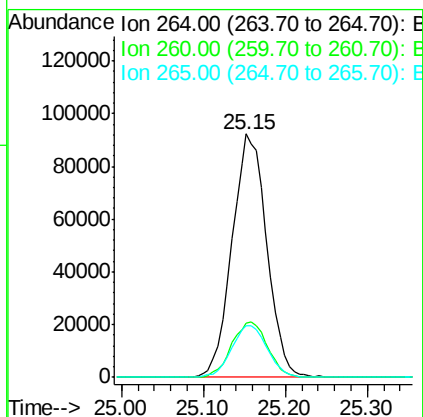
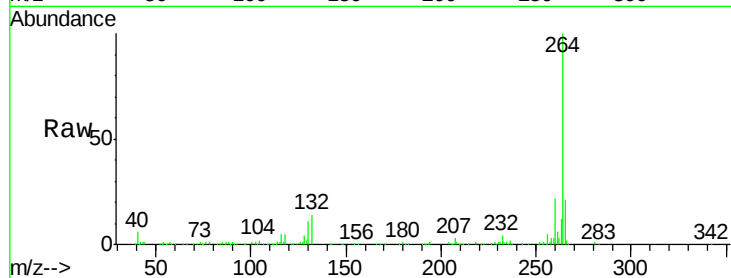




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.15 min Scan# 3756
Delta R.T. -0.05 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

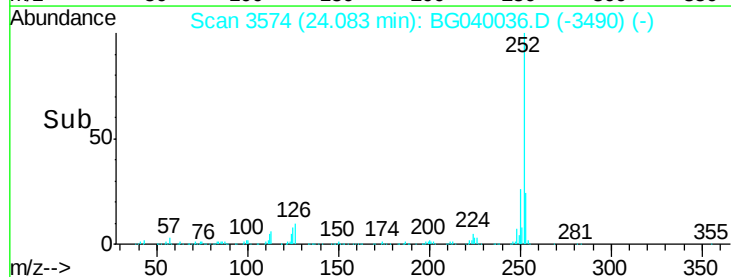
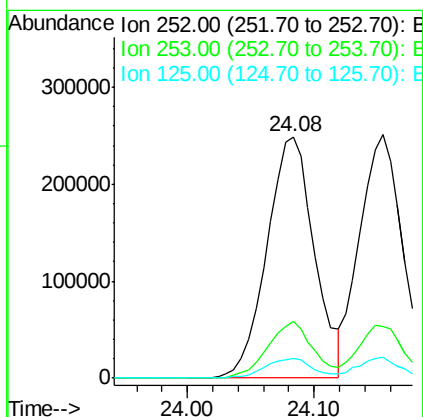
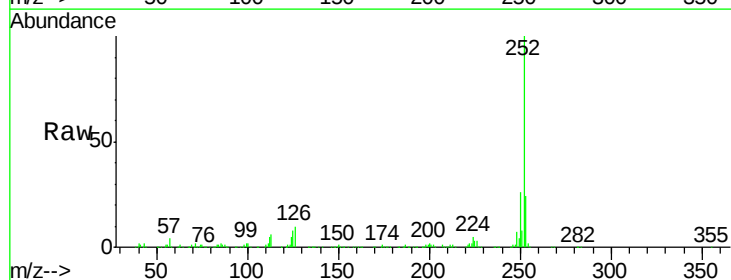
Instrument :
BNA_G
ClientSampleId :

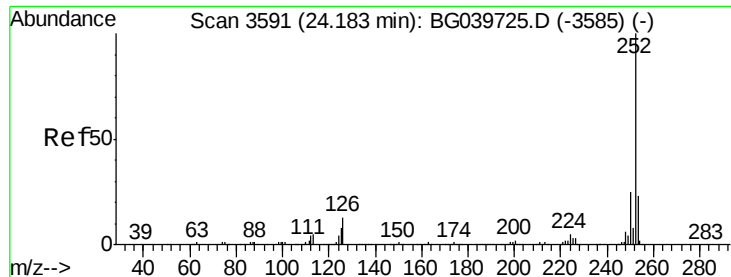
Tot Ion:264 Resp: 272197
Ion Ratio Lower Upper
264 100
260 22.4 18.2 27.4
265 21.2 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 39.831 ng
RT: 24.08 min Scan# 3574
Delta R.T. -0.04 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:252 Resp: 646515
Ion Ratio Lower Upper
252 100
253 23.6 17.8 26.8
125 8.1 7.8 11.6

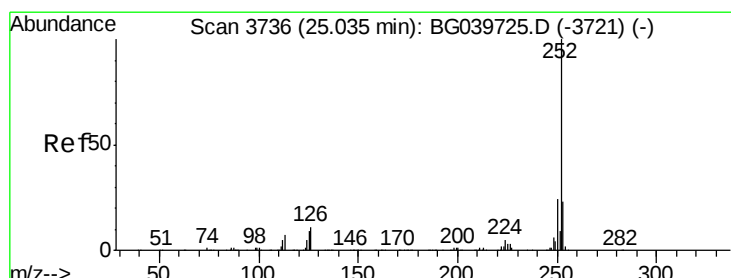
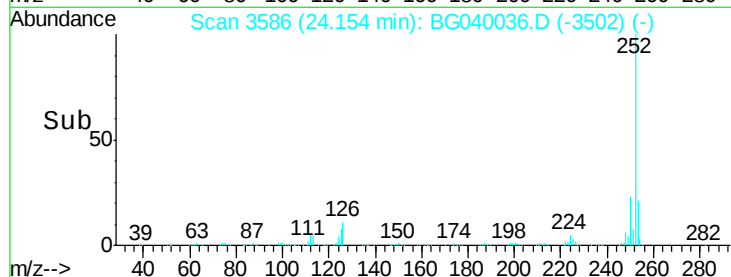
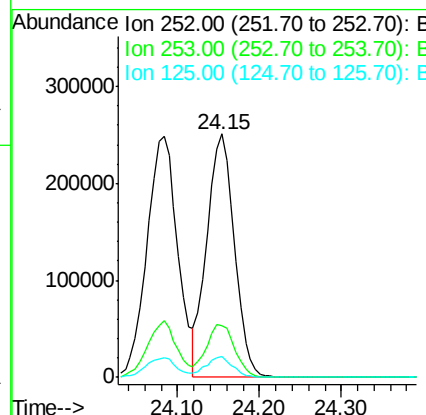
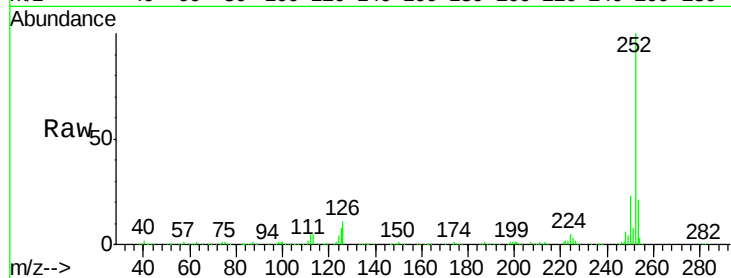




#89
Benzo(k)fluoranthene
Concen: 39.011 ng
RT: 24.15 min Scan# 3586
Delta R.T. -0.04 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

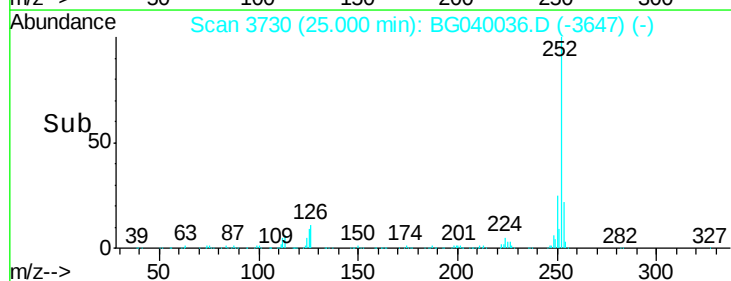
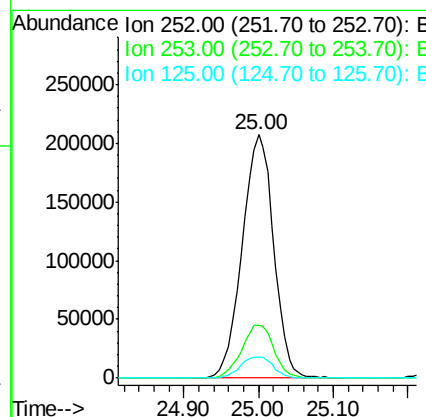
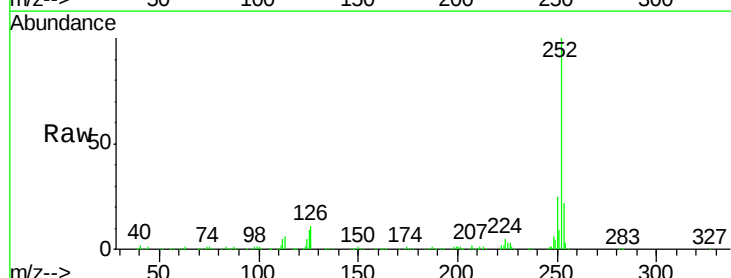
Instrument :
BNA_G
ClientSampleId :

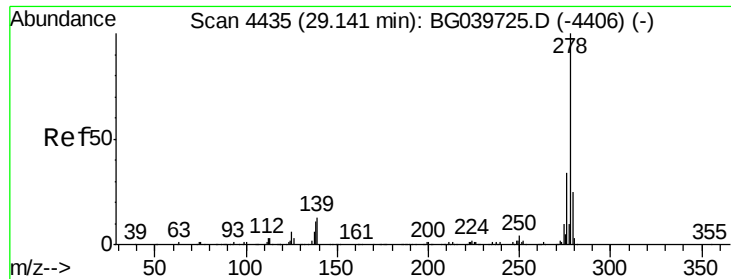
Tot Ion:252 Resp: 589428
Ion Ratio Lower Upper
252 100
253 21.1 18.2 27.2
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.343 ng
RT: 25.00 min Scan# 3730
Delta R.T. -0.04 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion:252 Resp: 605101
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 8.7 8.3 12.5

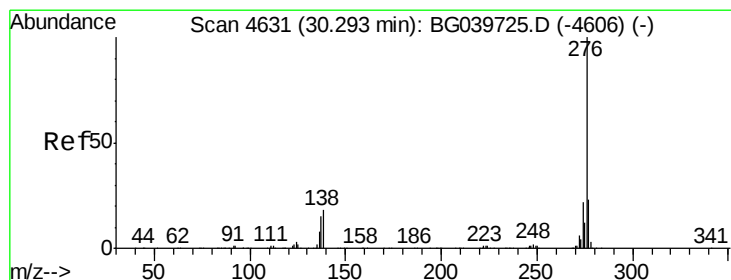
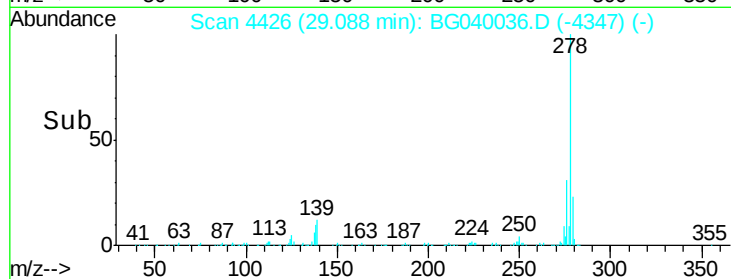
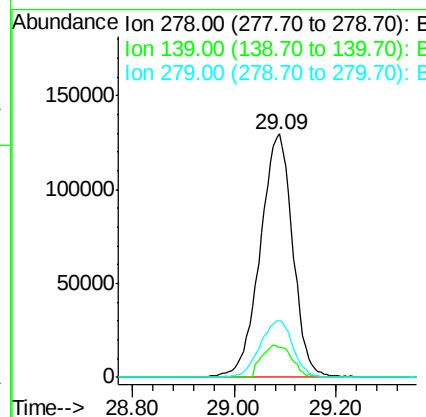
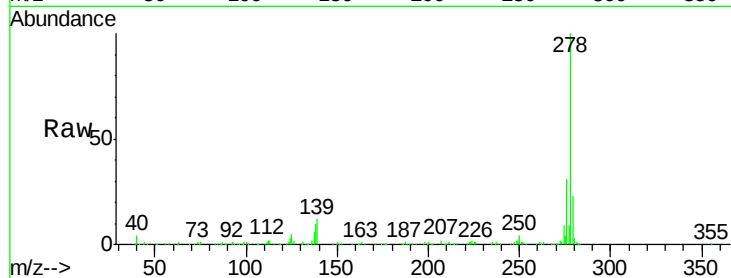




#91
Dibenzo(a,h)anthracene
Concen: 39.453 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.07 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.2	11.7	17.5
279	23.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 40.239 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040036.D
Acq: 20 Mar 2019 15:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.2	19.6	29.4
138	16.9	14.7	22.1

