

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030419\
 Data File : BG039726.D
 Acq On : 4 Mar 2019 11:40
 Operator : JU/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 04 12:16:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 11:45:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43797	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	205316	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	138458	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	328860	20.00	ng	0.00
76) Chrysene-d12	21.82	240	323005	20.00	ng	0.00
87) Perylene-d12	25.20	264	335263	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	260672	101.87	ng	0.00
7) Phenol-d6	7.31	99	391003	103.80	ng	0.00
23) Nitrobenzene-d5	9.34	82	383973	116.83	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	167717	112.49	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	934086	96.78	ng	0.00
79) Terphenyl-d14	20.12	244	1399296	91.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.59	88	57852	51.683	ng	95
3) Pyridine	3.99	79	157933	53.290	ng	94
4) n-Nitrosodimethylamine	3.92	42	77741	52.452	ng	95
6) Aniline	7.48	93	254290	53.896	ng	100
8) 2-Chlorophenol	7.72	128	159469	57.010	ng	99
9) Benzaldehyde	7.30	77	120371	58.609	ng	94
10) Phenol	7.33	94	210288	53.556	ng	95
11) bis(2-Chloroethyl)ether	7.58	93	162815	52.476	ng	96
12) 1,3-Dichlorobenzene	8.05	146	172542	50.919	ng	97
13) 1,4-Dichlorobenzene	8.19	146	177951	52.688	ng	97
14) 1,2-Dichlorobenzene	8.52	146	170771	52.229	ng	98
15) Benzyl Alcohol	8.40	79	159573	53.961	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	315813	45.074	ng	98
17) 2-Methylphenol	8.59	107	136116	53.569	ng	99
18) Hexachloroethane	9.24	117	63045	54.256	ng	98
19) n-Nitroso-di-n-propylamine	8.96	70	140572	52.580	ng	99
20) 3+4-Methylphenols	8.92	107	191619	54.763	ng	95
22) Acetophenone	8.99	105	278455	50.489	ng	# 94
24) Nitrobenzene	9.38	77	201192	56.665	ng	99
25) Isophorone	9.90	82	401446	55.121	ng	98
26) 2-Nitrophenol	10.09	139	98977	76.106	ng	97
27) 2,4-Dimethylphenol	10.13	122	152124	51.635	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	241503	53.836	ng	99
29) 2,4-Dichlorophenol	10.62	162	176638	54.858	ng	97
30) 1,2,4-Trichlorobenzene	10.84	180	187749	51.936	ng	96
31) Naphthalene	11.04	128	534502	52.476	ng	100
32) Benzoic acid	10.27	122	104665	62.523	ng	98
33) 4-Chloroaniline	11.14	127	233230	49.384	ng	99
34) Hexachlorobutadiene	11.30	225	128300	53.367	ng	97
35) Caprolactam	11.93	113	66689	50.051	ng	100
36) 4-Chloro-3-methylphenol	12.24	107	198956	53.428	ng	95
37) 2-Methylnaphthalene	12.62	142	399684	52.980	ng	96
38) 1-Methylnaphthalene	12.62	142	399684	54.962	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	230456	52.313	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	133197	55.486	nq	96
43) 2,4,6-Trichlorophenol	13.22	196	145161	53.592	nq	94
44) 2,4,5-Trichlorophenol	13.29	196	159756	56.275	nq	96
46) 1,1'-Biphenyl	13.62	154	559648	48.580	nq	98
47) 2-Chloronaphthalene	13.67	162	422394	48.740	nq	98
48) 2-Nitroaniline	13.88	65	145496	66.149	nq	98
49) Acenaphthylene	14.51	152	701861	53.673	nq	99
50) Dimethylphthalate	14.23	163	566889	50.695	nq	98
51) 2,6-Dinitrotoluene	14.36	165	127943	67.697	nq	98
52) Acenaphthene	14.85	154	416638	49.084	nq	99
53) 3-Nitroaniline	14.70	138	126422	61.214	nq	96
54) 2,4-Dinitrophenol	14.90	184	73162	103.164	nq	99
55) Dibenzofuran	15.18	168	675807	49.656	nq	100
56) 4-Nitrophenol	14.99	139	113356	64.512	nq	98
57) 2,4-Dinitrotoluene	15.15	165	180174	75.641	nq	99
58) Fluorene	15.83	166	532698	52.506	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	159821	60.127	nq	99
60) Diethylphthalate	15.58	149	562727	48.671	nq	98
61) 4-Chlorophenyl-phenylether	15.81	204	286524	49.877	nq	99
62) 4-Nitroaniline	15.87	138	136074	62.090	nq	98
63) Azobenzene	16.11	77	509712	45.105	nq	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	102132	84.503	nq	96
66) n-Nitrosodiphenylamine	16.04	169	480329	48.035	nq	100
67) 4-Bromophenyl-phenylether	16.71	248	186202	51.038	nq	96
68) Hexachlorobenzene	16.82	284	194808	53.221	nq	99
69) Atrazine	16.97	200	191344	52.362	nq	99
70) Pentachlorophenol	17.17	266	127185	49.994	nq	97
71) Phenanthrene	17.57	178	883171	51.888	nq	99
72) Anthracene	17.66	178	877130	52.317	nq	99
73) Carbazole	17.94	167	788127	47.104	nq	100
74) Di-n-butylphthalate	18.46	149	921342	47.200	nq	99
75) Fluoranthene	19.57	202	1035716	52.426	nq	99
77) Benzidine	19.75	184	538244	50.826	nq	99
78) Pyrene	19.94	202	1029891	51.218	nq	98
80) Butylbenzylphthalate	20.80	149	425896	50.210	nq	99
81) Benzo(a)anthracene	21.80	228	1002649	52.533	nq	100
82) 3,3'-Dichlorobenzidine	21.72	252	375031	52.993	nq	98
83) Chrysene	21.87	228	965611	53.147	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	590791	48.821	nq	100
85) Di-n-octyl phthalate	22.92	149	993833	49.711	nq	100
86) Indeno(1,2,3-cd)pyrene	29.09	276	1142863	58.628	nq	99
88) Benzo(b)fluoranthene	24.11	252	988833	54.083	nq	99
89) Benzo(k)fluoranthene	24.19	252	941736	51.303	nq	99
90) Benzo(a)pyrene	25.04	252	935936	53.152	nq	99
91) Dibenzo(a,h)anthracene	29.15	278	913360	55.387	nq	99
92) Benzo(g,h,i)perylene	30.32	276	916776	55.777	nq	98

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

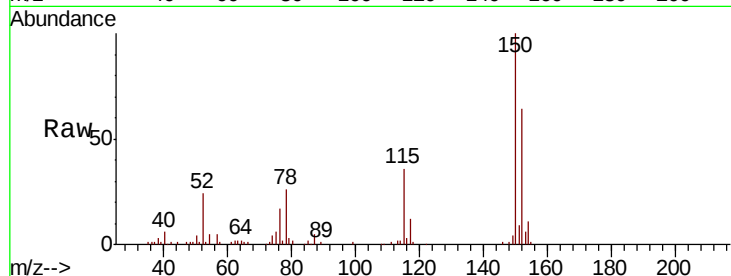


#1

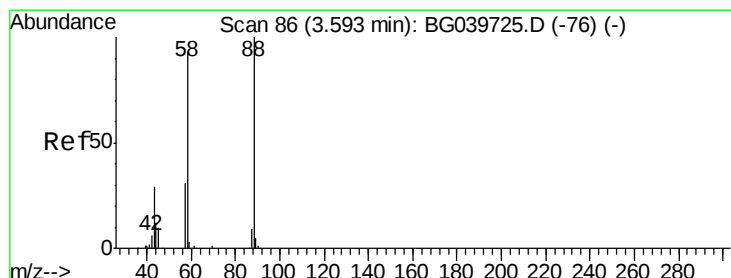
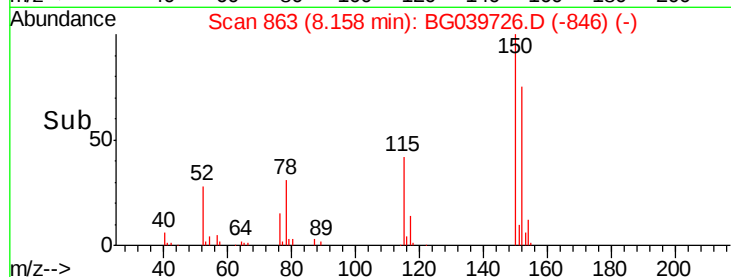
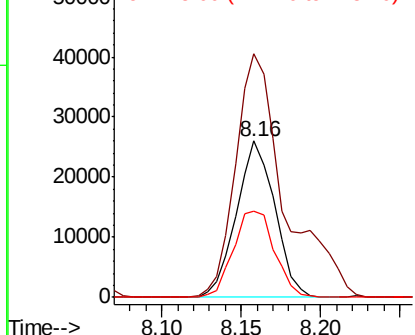
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43797
Ion Ratio Lower Upper
152 100
150 155.8 118.2 177.4
115 55.3 50.0 75.0



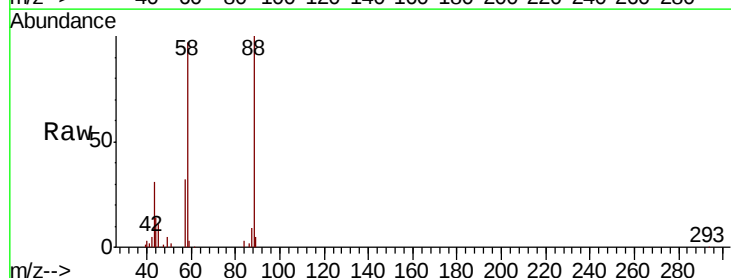
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



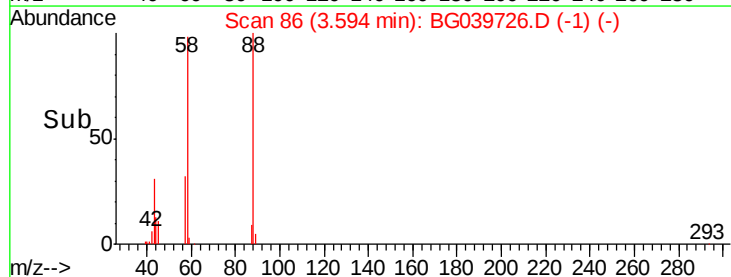
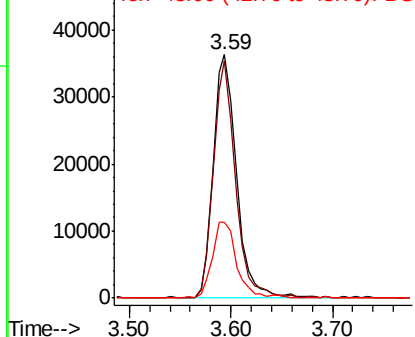
#2

1,4-Dioxane
Concen: 51.683 ng
RT: 3.59 min Scan# 86
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion: 88 Resp: 57852
Ion Ratio Lower Upper
88 100
58 91.9 78.1 117.1
43 32.8 25.9 38.9



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





#3

Pvridine

Concen: 53.290 ng

RT: 3.99 min Scan# 154

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampled :

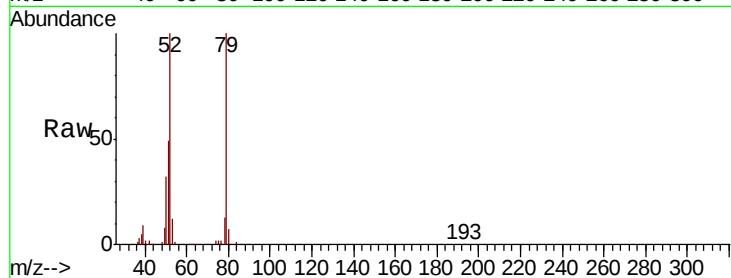
Tot Ion: 79 Resp: 157933

Ion Ratio Lower Upper

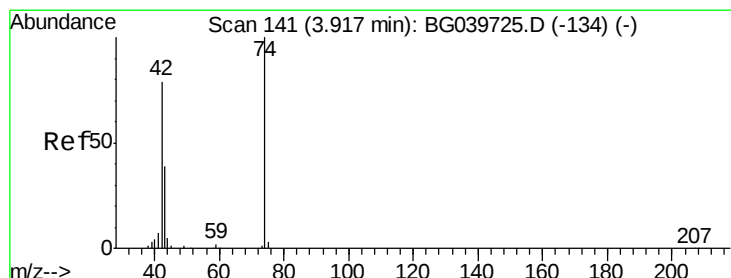
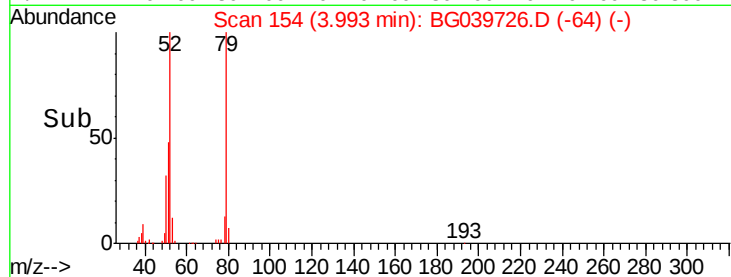
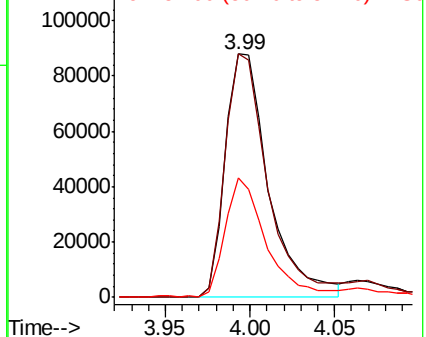
79 100

52 100.0 75.4 113.2

51 49.2 35.7 53.5



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



#4

n-Nitrosodimethylamine

Concen: 52.452 ng

RT: 3.92 min Scan# 141

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

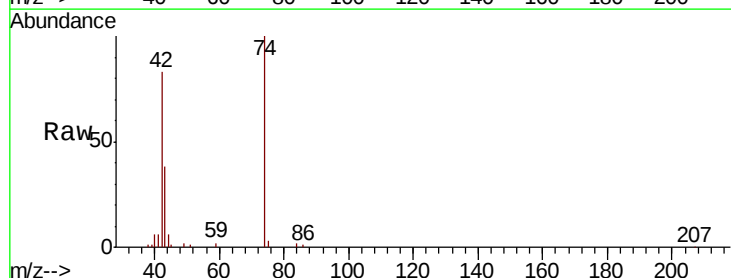
Tgt Ion: 42 Resp: 77741

Ion Ratio Lower Upper

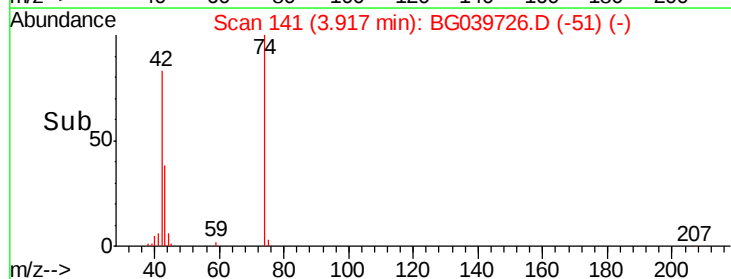
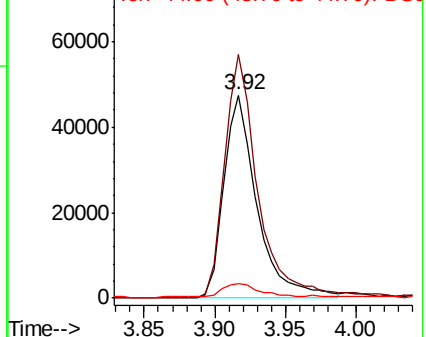
42 100

74 119.9 101.0 151.6

44 7.5 6.2 9.4



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





#5

2-Fluorophenol

Concen: 101.866 ng

RT: 5.70 min Scan# 444

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

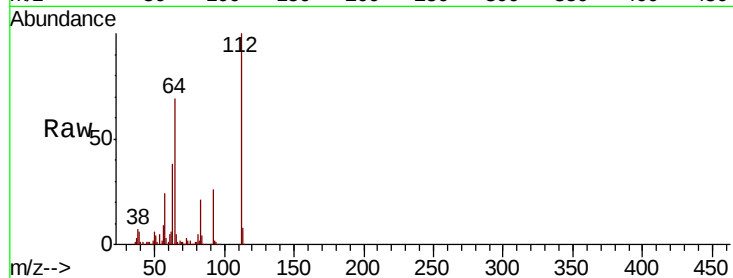
Tot Ion:112 Resp: 260672

Ion Ratio Lower Upper

112 100

64 68.8 56.6 85.0

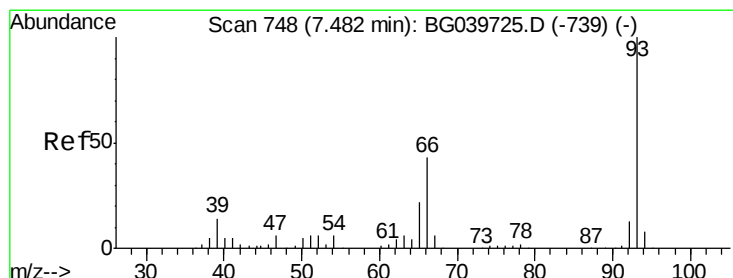
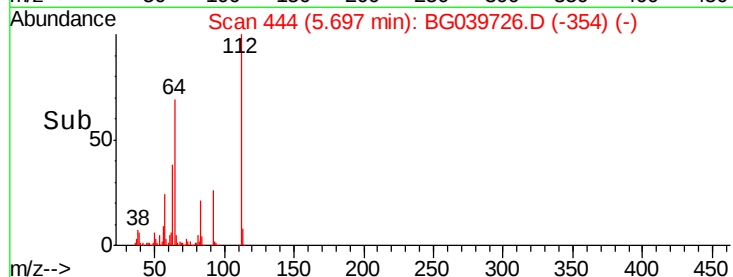
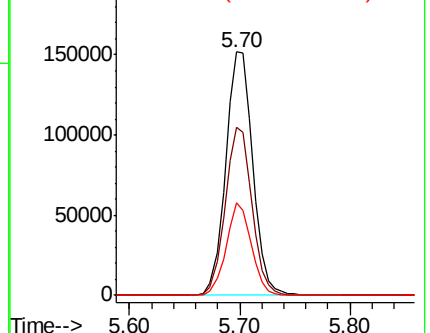
63 38.1 28.6 43.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 53.896 ng

RT: 7.48 min Scan# 748

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

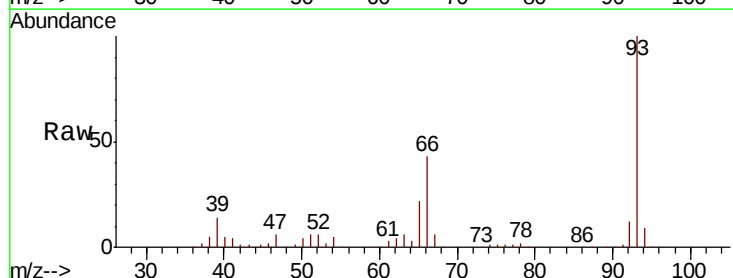
Tgt Ion: 93 Resp: 254290

Ion Ratio Lower Upper

93 100

66 42.7 34.5 51.7

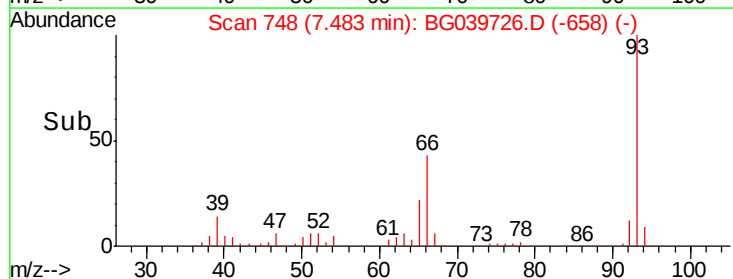
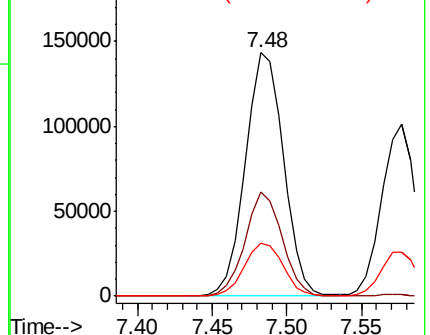
65 21.9 17.5 26.3

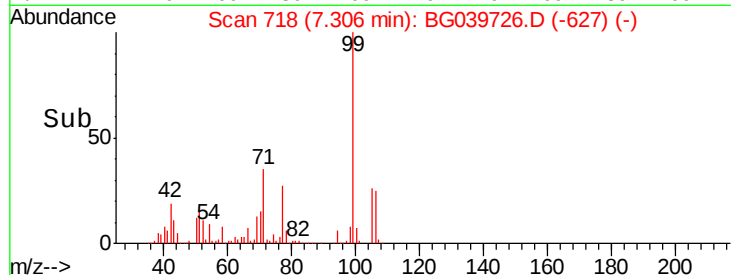
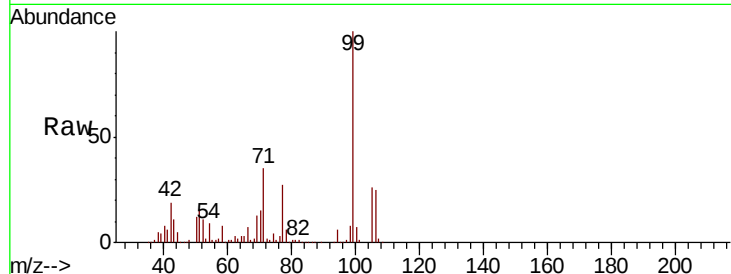


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 103.804 ng

RT: 7.31 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampled :

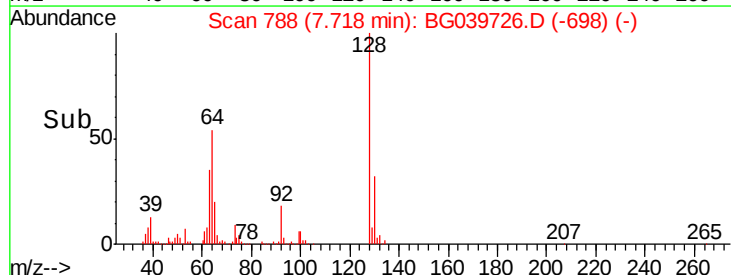
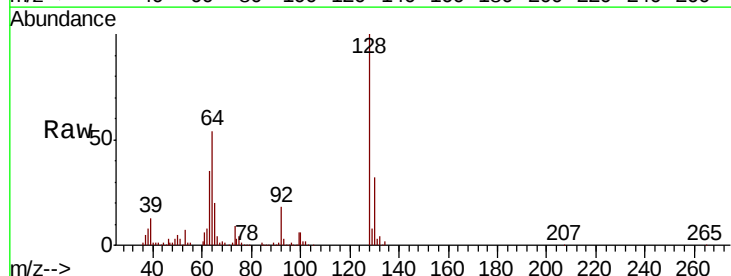
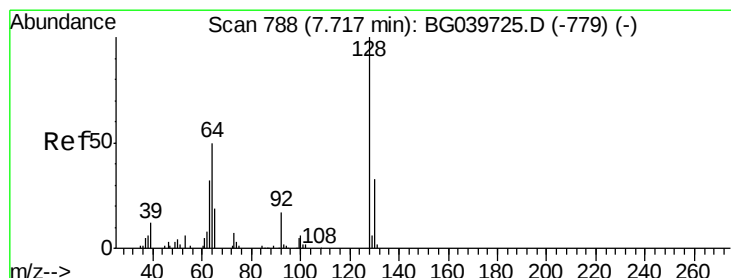
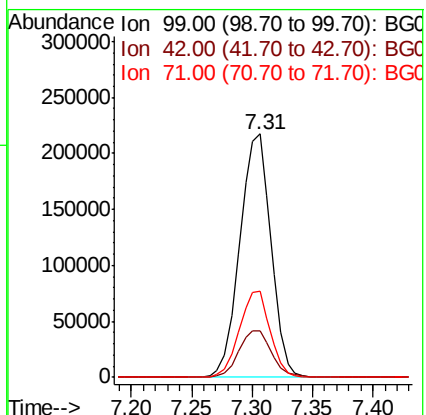
Tot Ion: 99 Resp: 391003

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

71 35.2 28.5 42.7



#8

2-Chlorophenol

Concen: 57.010 ng

RT: 7.72 min Scan# 788

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

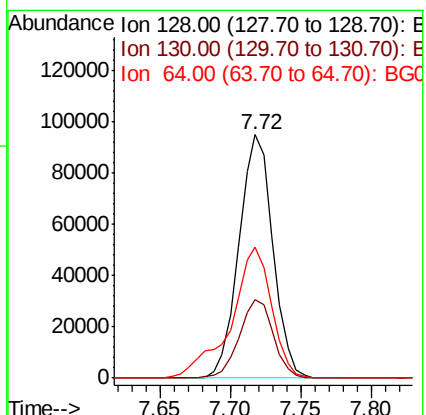
Tgt Ion:128 Resp: 159469

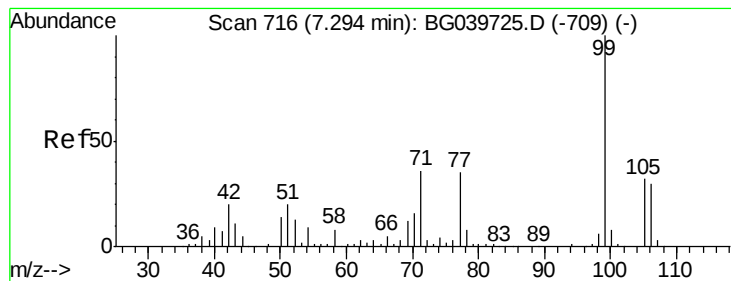
Ion Ratio Lower Upper

128 100

130 32.4 12.9 52.9

64 53.6 33.3 73.3





#9

Benzaldehyde

Concen: 58.609 ng

RT: 7.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

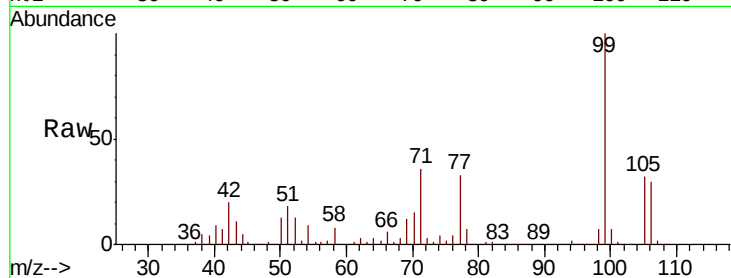
Tot Ion: 77 Resp: 120371

Ion Ratio Lower Upper

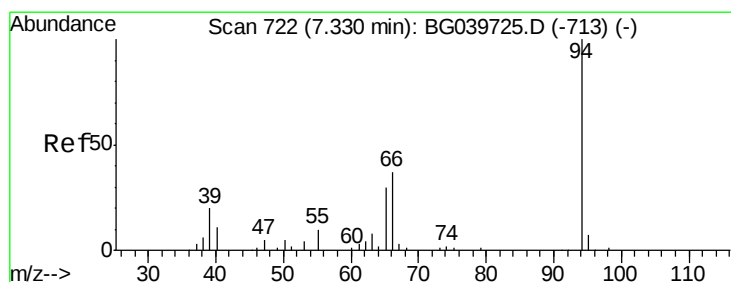
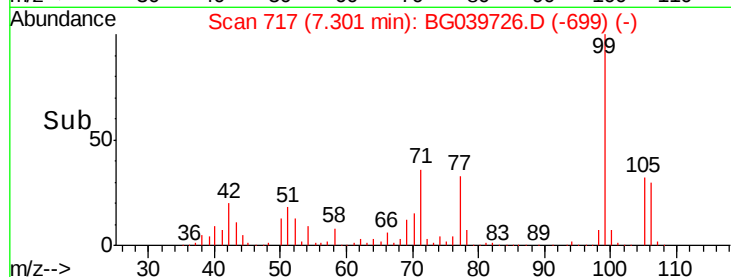
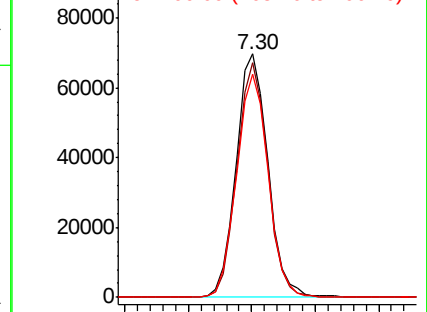
77 100

105 96.5 71.7 111.7

106 91.6 65.1 105.1



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: 53.556 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

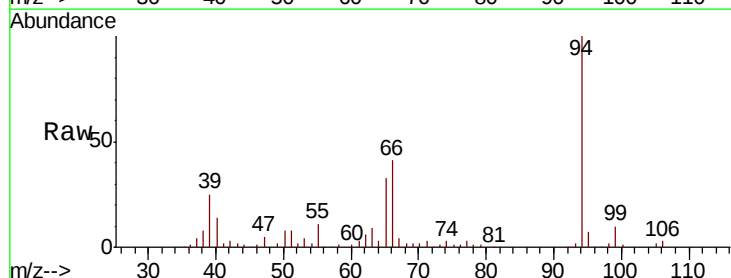
Tgt Ion: 94 Resp: 210288

Ion Ratio Lower Upper

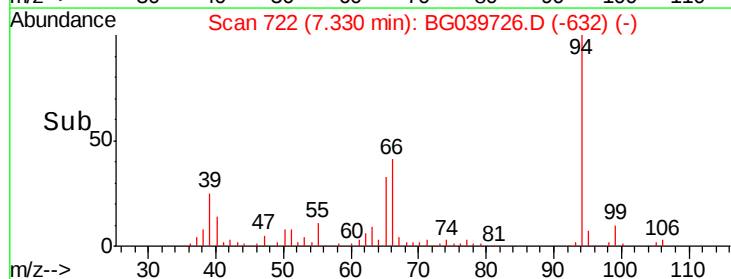
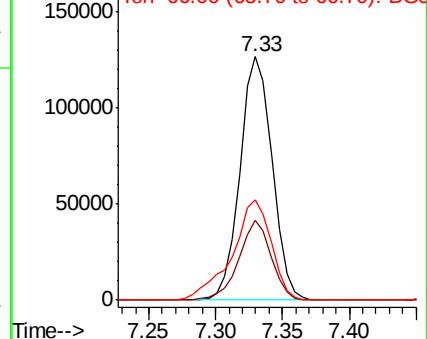
94 100

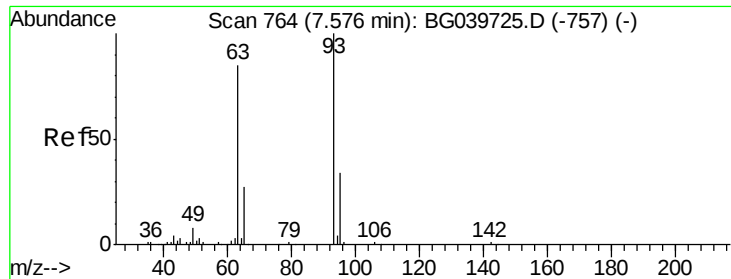
65 32.9 10.0 50.0

66 41.0 18.1 58.1



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: 52.476 ng

RT: 7.58 min Scan# 764

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

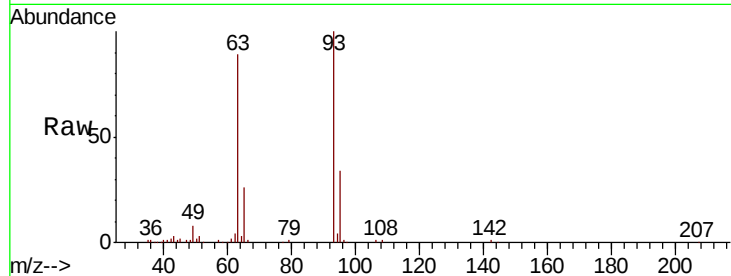
Tot Ion: 93 Resp: 162815

Ion Ratio Lower Upper

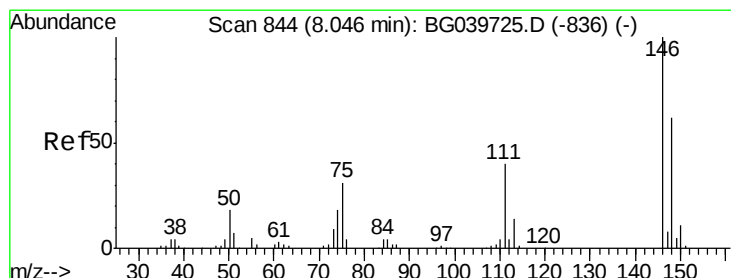
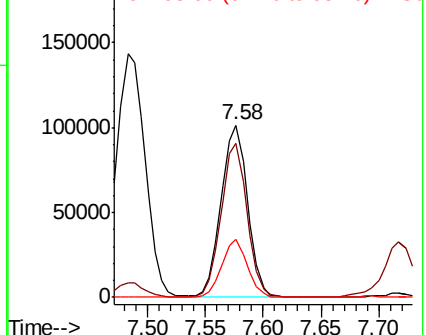
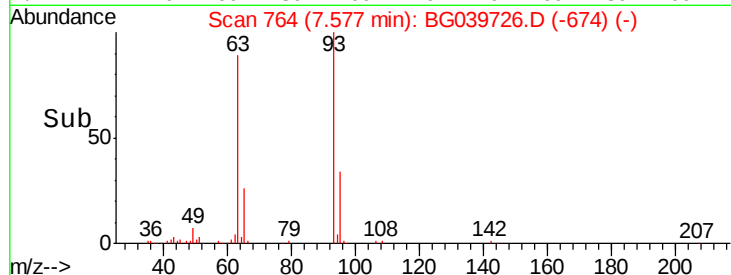
93 100

63 89.4 64.4 104.4

95 33.9 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 50.919 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

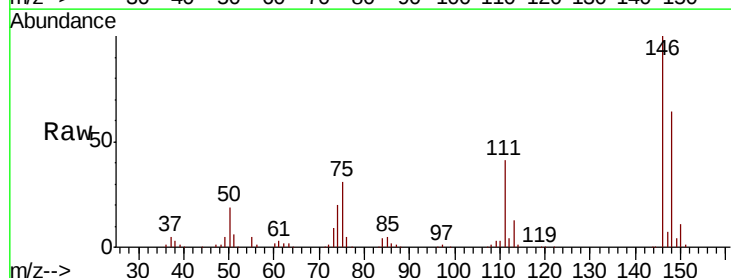
Tgt Ion: 146 Resp: 172542

Ion Ratio Lower Upper

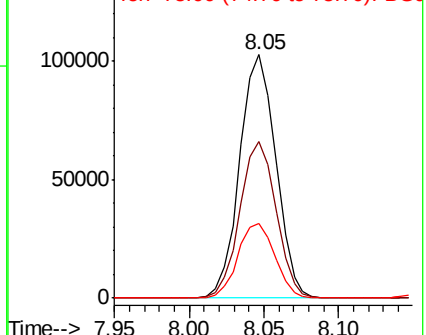
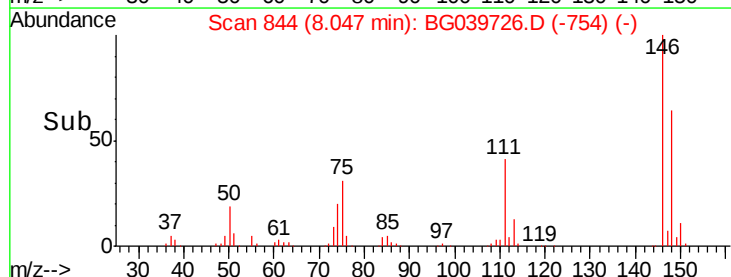
146 100

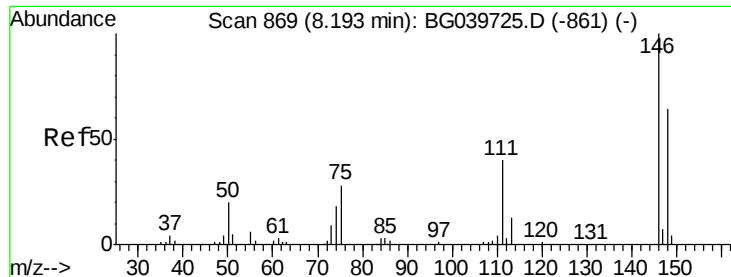
148 64.2 49.3 73.9

75 30.5 25.2 37.8



Abundance Ion 146.00 (145.70 to 146.70): BGC
Ion 148.00 (147.70 to 148.70): BGC
Ion 75.00 (74.70 to 75.70): BGC

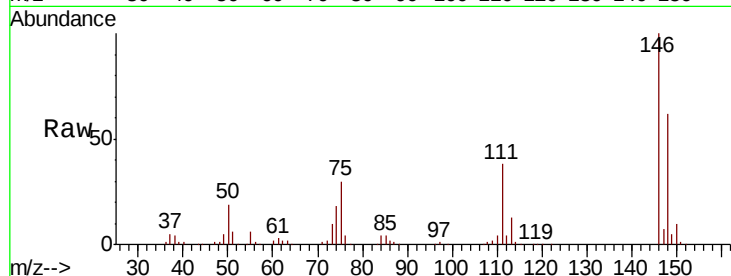




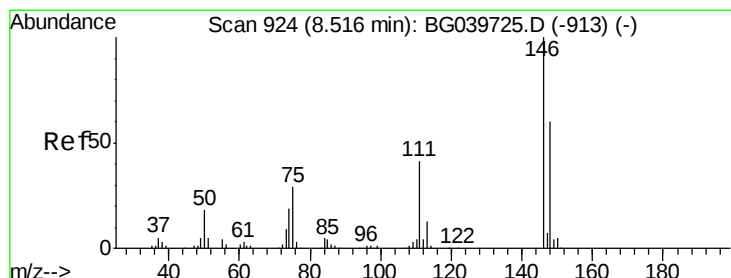
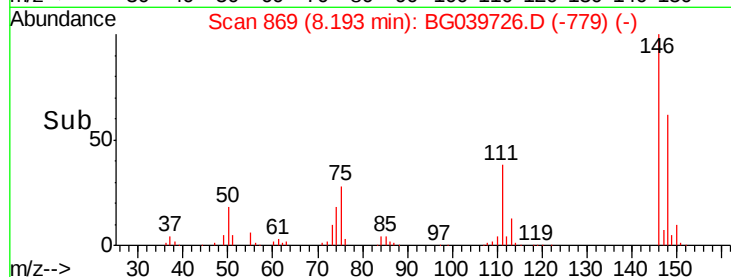
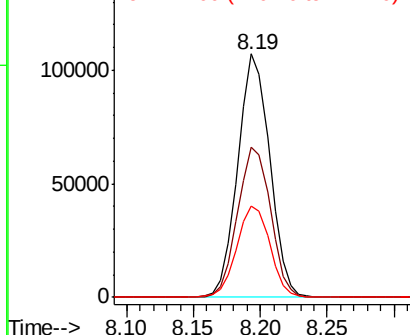
#13
 1,4-Dichlorobenzene
 Concen: 52.688 ng
 RT: 8.19 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 177951
 Ion Ratio Lower Upper
 146 100
 148 61.8 51.5 77.3
 111 37.7 31.8 47.8

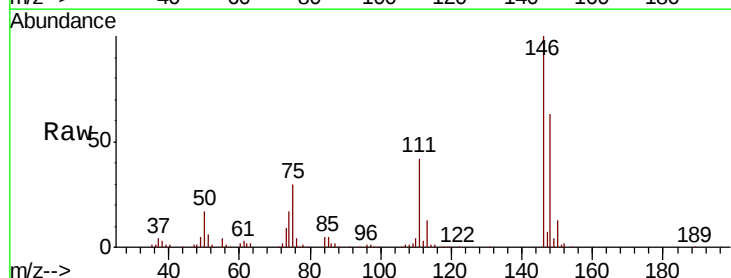


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

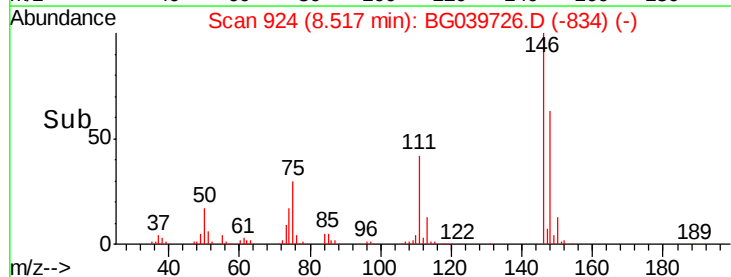
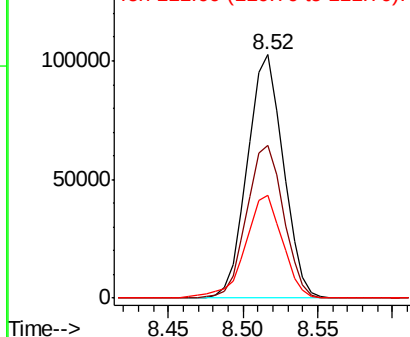


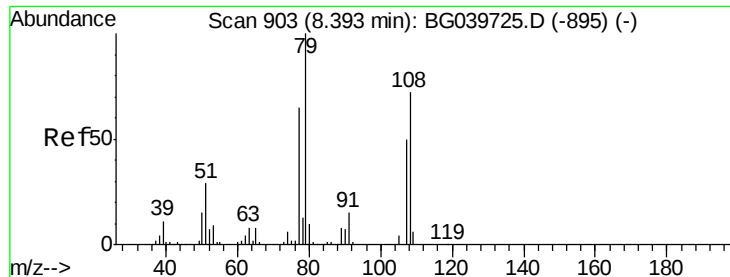
#14
 1,2-Dichlorobenzene
 Concen: 52.229 ng
 RT: 8.52 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion:146 Resp: 170771
 Ion Ratio Lower Upper
 146 100
 148 63.0 48.3 72.5
 111 42.1 33.1 49.7



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: 53.961 ng

RT: 8.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

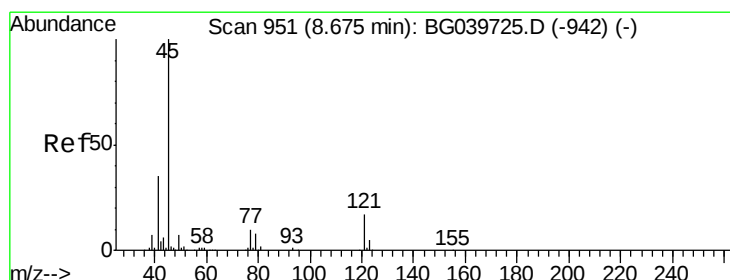
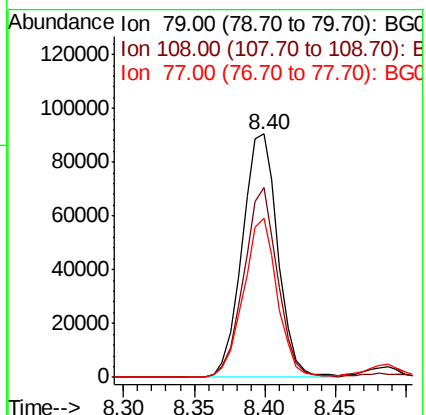
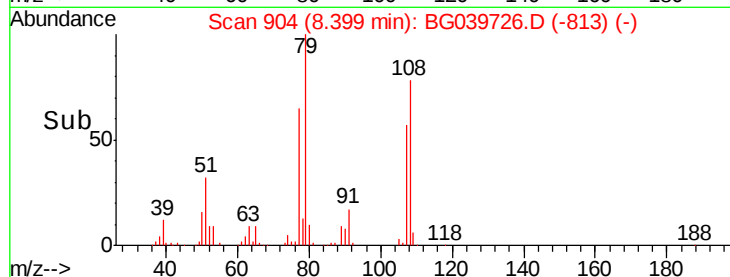
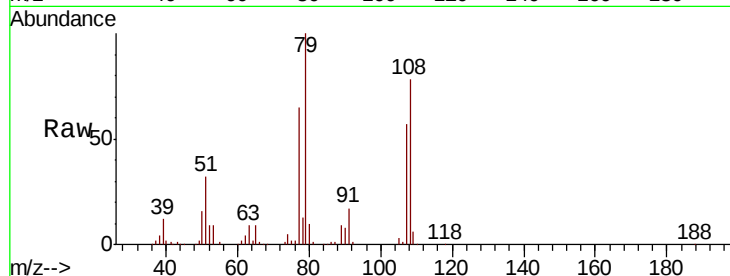
Tot Ion: 79 Resp: 159573

Ion Ratio Lower Upper

79 100

108 78.0 57.4 86.2

77 65.4 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.074 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

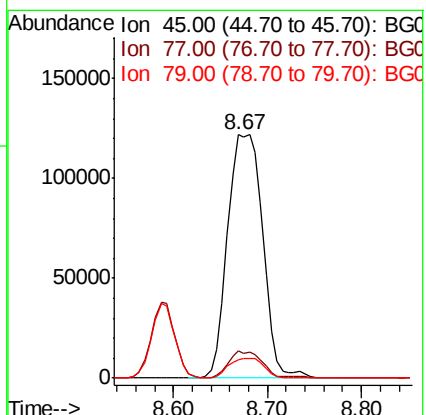
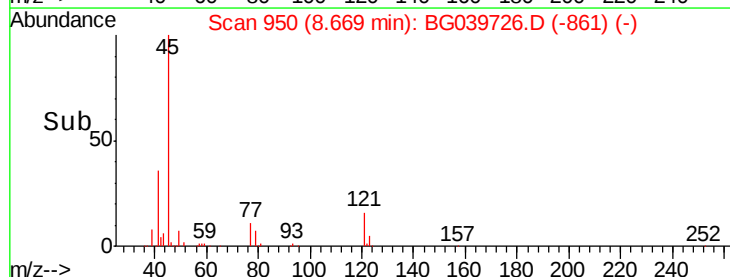
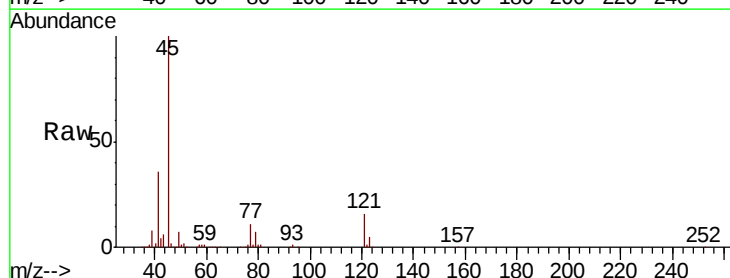
Tgt Ion: 45 Resp: 315813

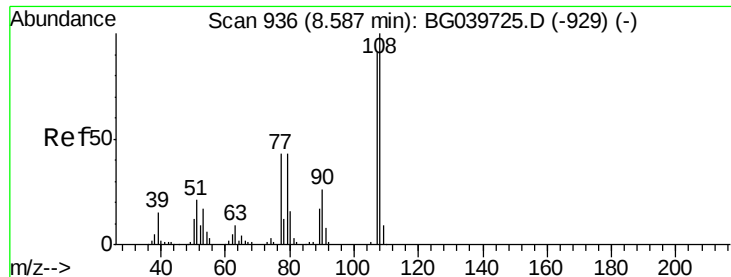
Ion Ratio Lower Upper

45 100

77 11.1 0.0 30.6

79 7.4 0.0 28.1





#17

2-Methylphenol

Concen: 53.569 ng

RT: 8.59 min Scan# 937

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

Tot Ion:107 Resp: 136116

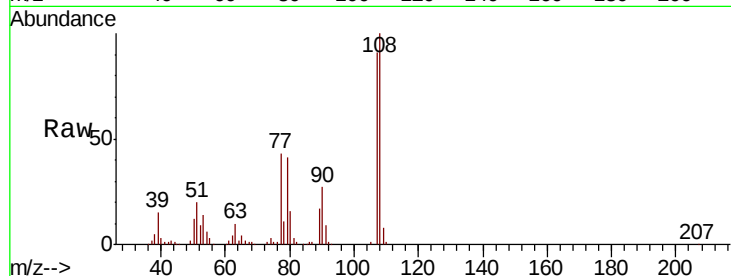
Ion Ratio Lower Upper

107 100

108 110.3 88.5 132.7

77 47.3 37.8 56.8

79 45.6 38.2 57.2

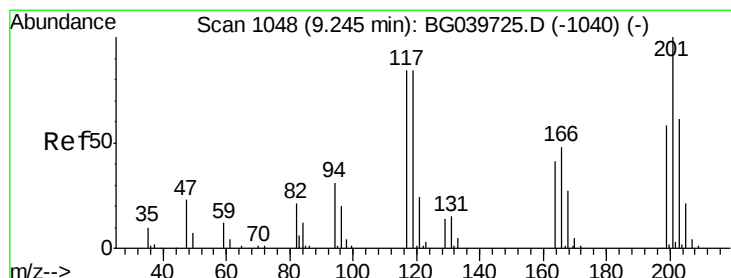
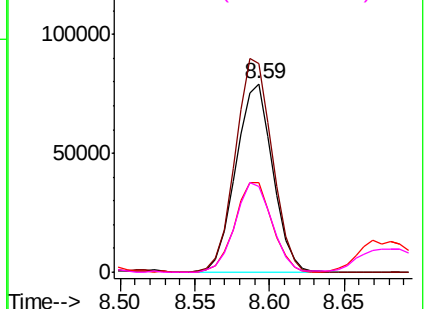
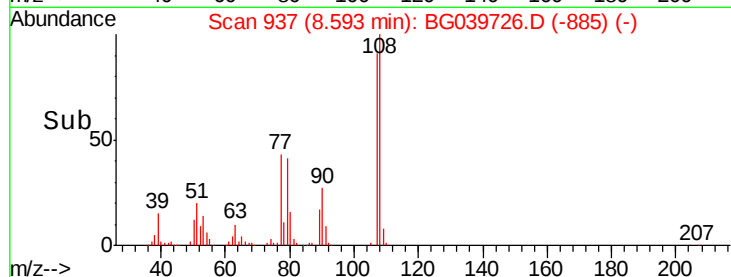


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 54.256 ng

RT: 9.24 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

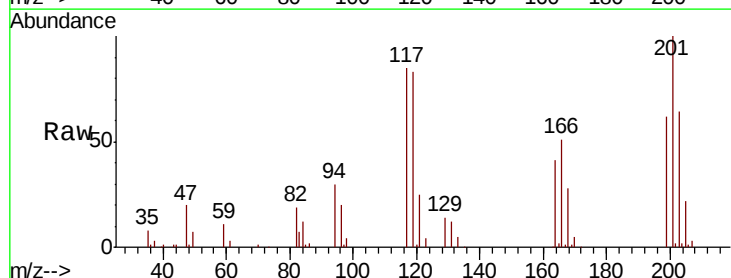
Tgt Ion:117 Resp: 63045

Ion Ratio Lower Upper

117 100

119 98.1 80.2 120.4

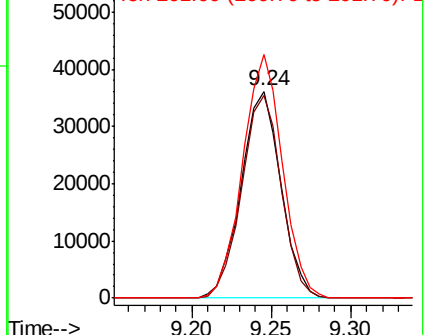
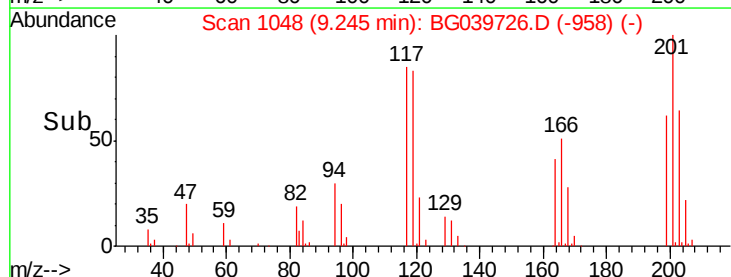
201 117.6 95.1 142.7

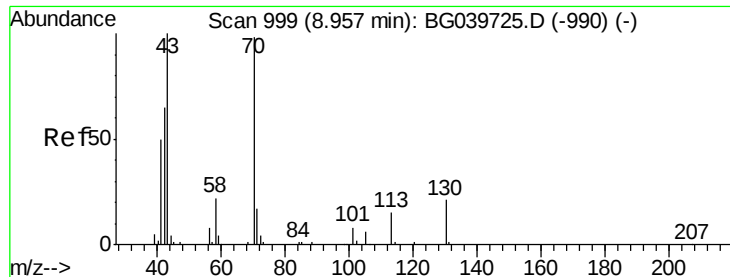


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

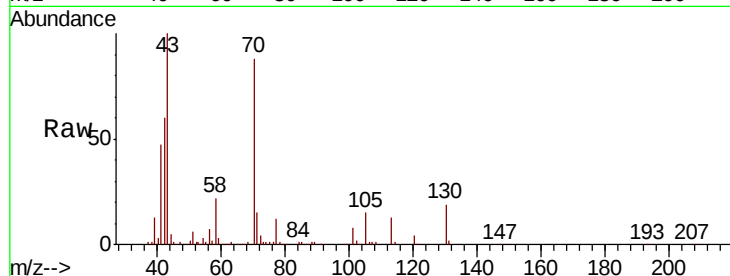




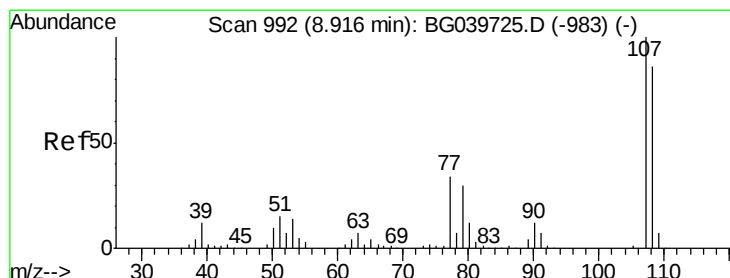
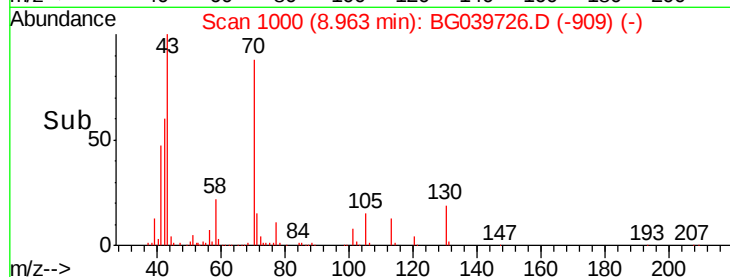
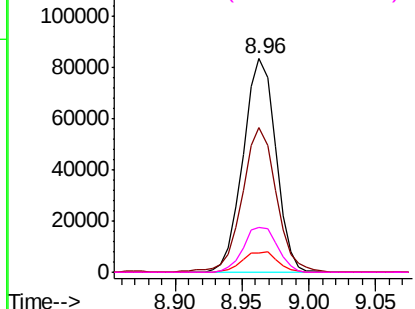
#19
n-Nitroso-di-n-propylamine
Concen: 52.580 ng
RT: 8.96 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 140572
Ion Ratio Lower Upper
70 100
42 67.7 53.4 80.2
101 9.0 6.9 10.3
130 21.0 17.4 26.0

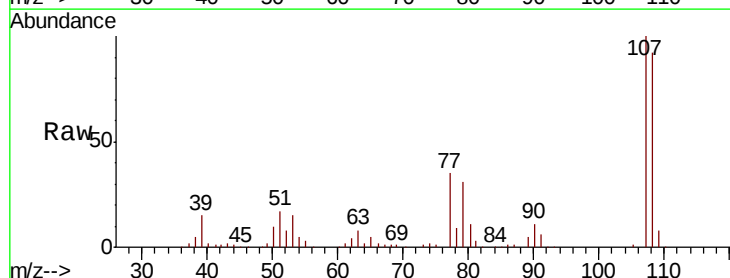


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

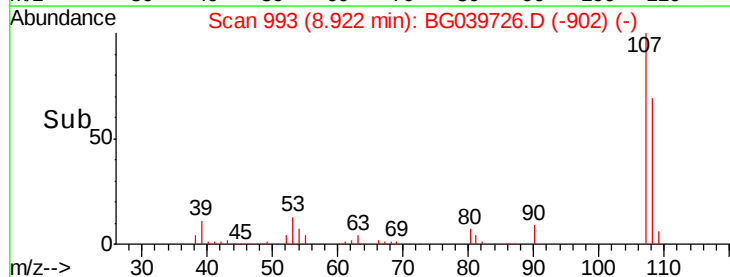
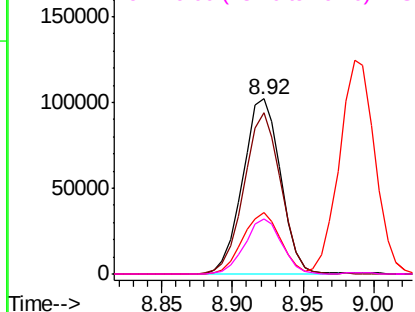


#20
3+4-Methylphenols
Concen: 54.763 ng
RT: 8.92 min Scan# 993
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion: 107 Resp: 191619
Ion Ratio Lower Upper
107 100
108 92.4 66.3 106.3
77 34.8 13.8 53.8
79 31.2 10.0 50.0



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

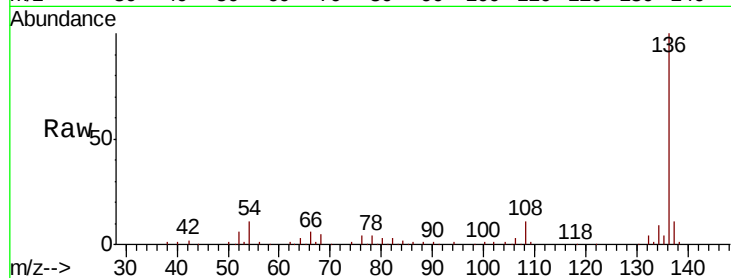




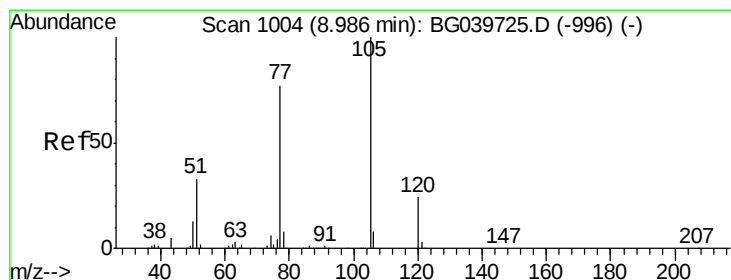
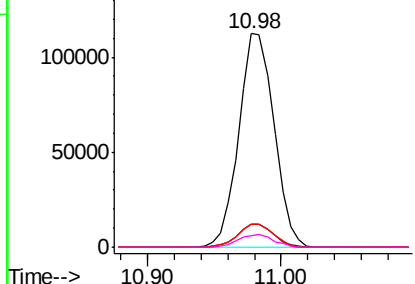
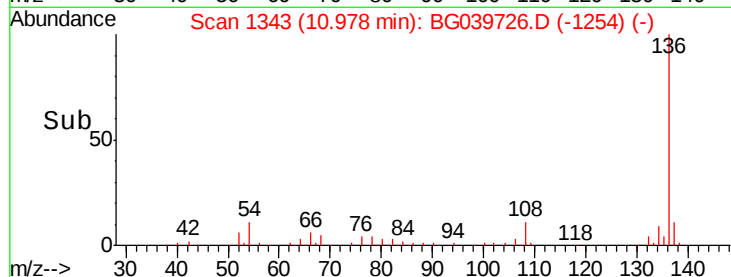
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	205316
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	10.6	8.2	12.4
68	5.2	4.2	6.4

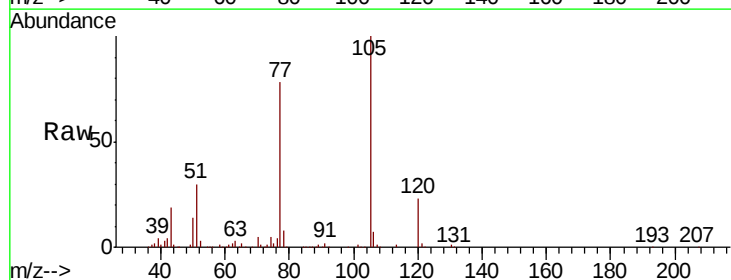


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

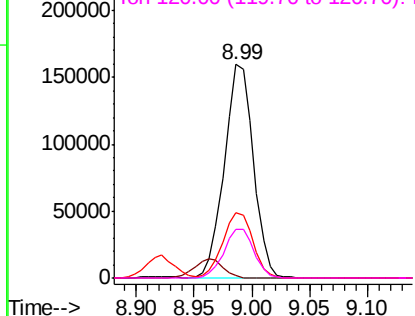
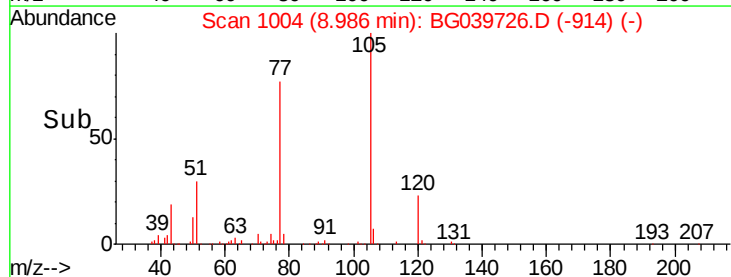


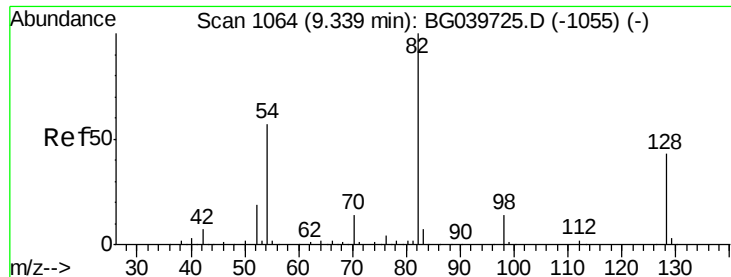
#22
Acetophenone
Concen: 50.489 ng
RT: 8.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:	105	Resp:	278455
Ion	Ratio	Lower	Upper
105	100		
71	1.1	0.5	0.7#
51	30.5	28.4	42.6
120	22.9	19.6	29.4



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: 116.832 ng

RT: 9.34 min Scan# 1064

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

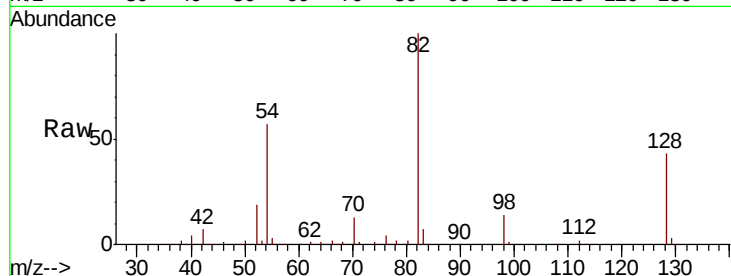
Tot Ion: 82 Resp: 383973

Ion Ratio Lower Upper

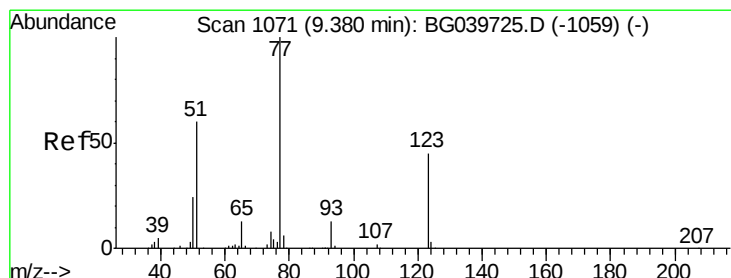
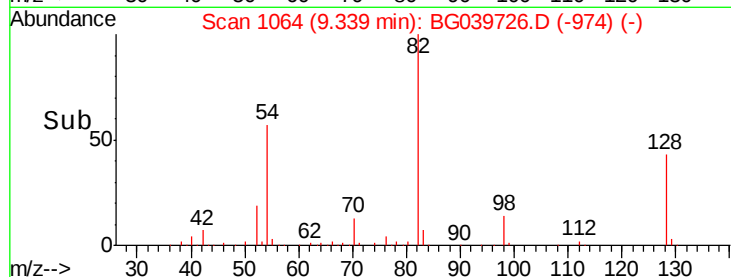
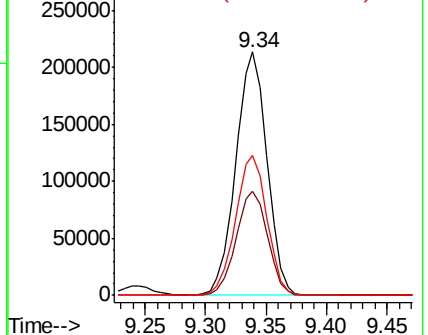
82 100

128 42.9 34.4 51.6

54 57.4 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 56.665 ng

RT: 9.38 min Scan# 1071

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

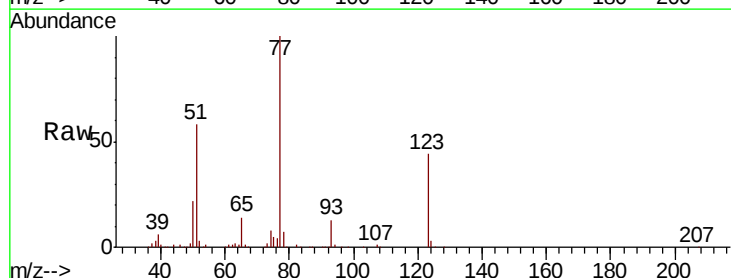
Tgt Ion: 77 Resp: 201192

Ion Ratio Lower Upper

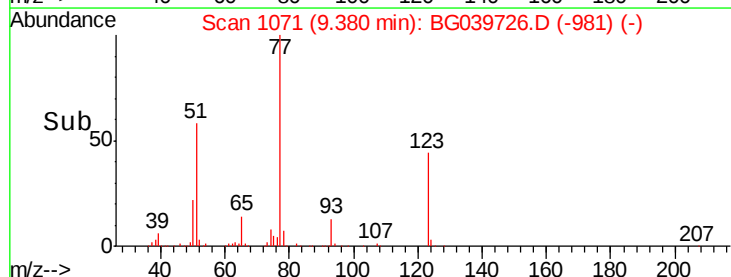
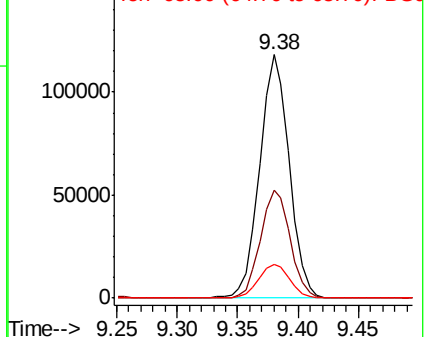
77 100

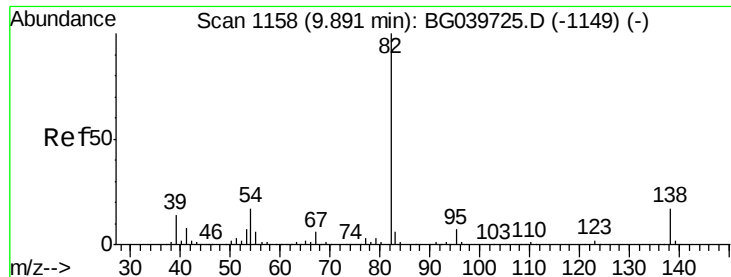
123 44.3 36.2 54.2

65 13.9 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

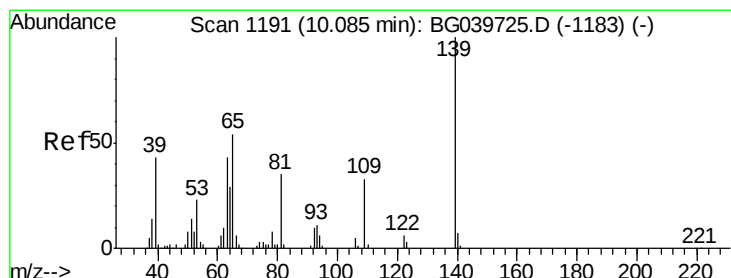
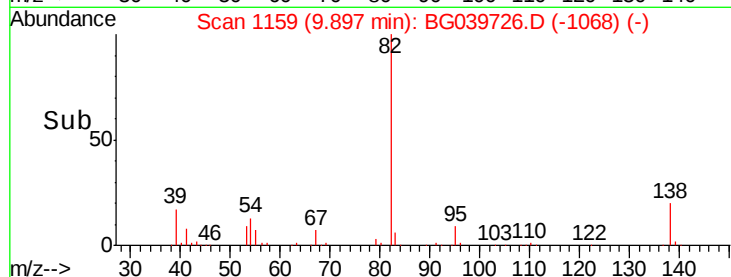
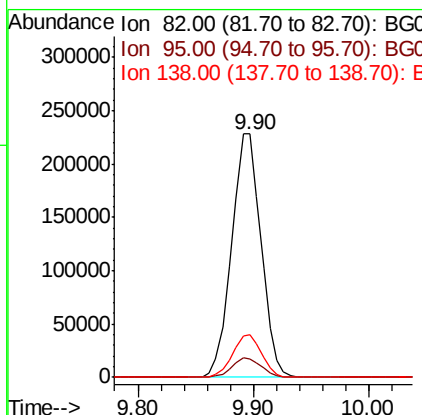
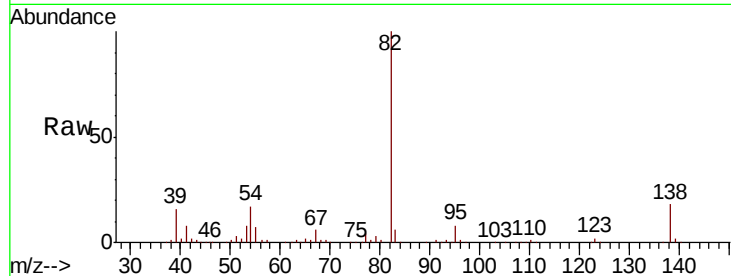




#25
Isophorone
Concen: 55.121 ng
RT: 9.90 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

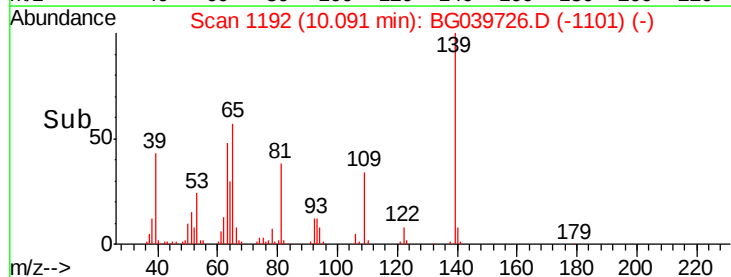
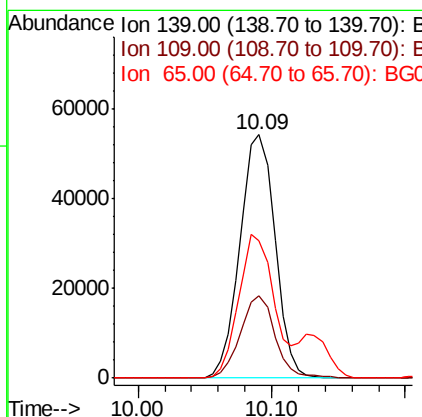
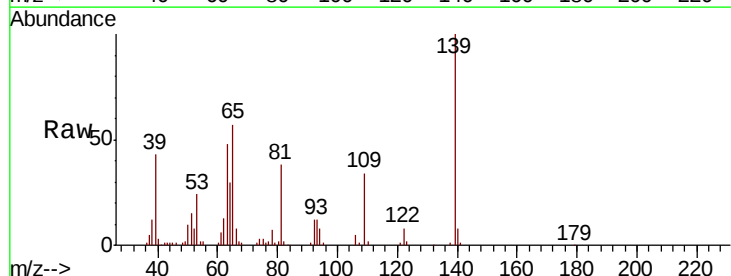
Instrument :
BNA_G
ClientSampleId :

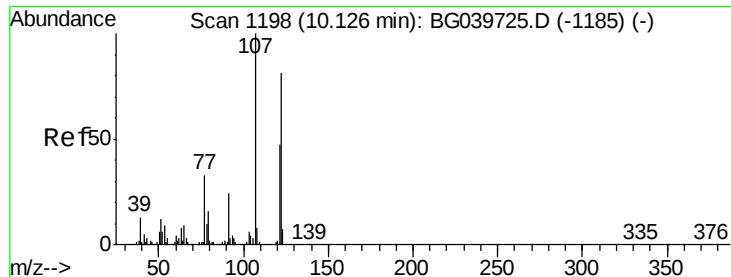
Tot Ion: 82 Resp: 401446
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 17.7 13.5 20.3



#26
2-Nitrophenol
Concen: 76.106 ng
RT: 10.09 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion: 139 Resp: 98977
Ion Ratio Lower Upper
139 100
109 33.9 26.3 39.5
65 56.7 43.0 64.6

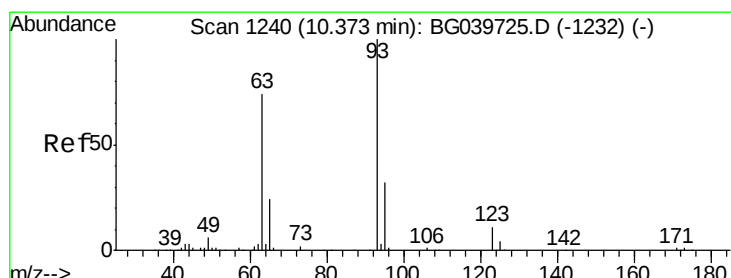
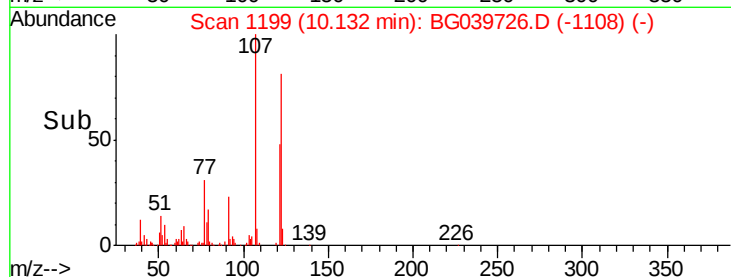
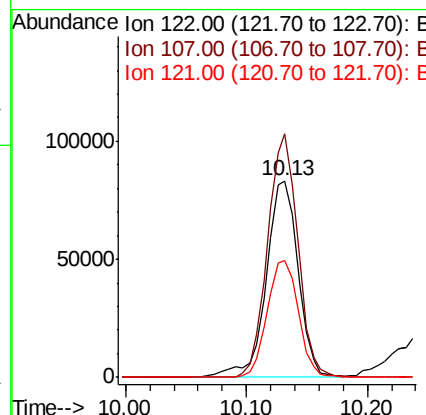
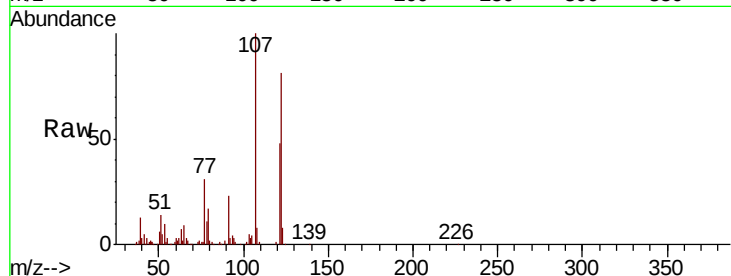




#27
 2,4-Dimethylphenol
 Concen: 51.635 ng
 RT: 10.13 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

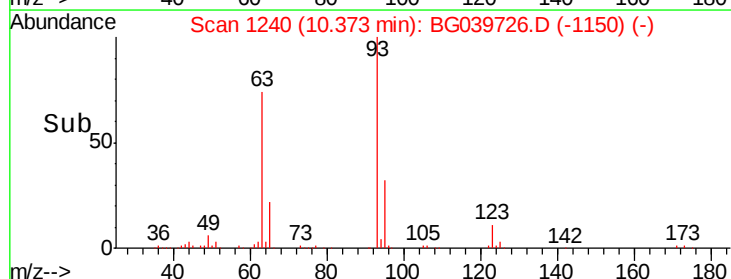
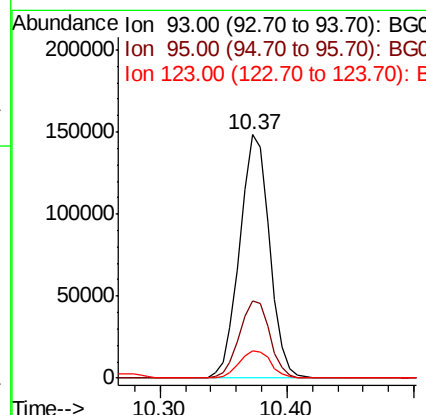
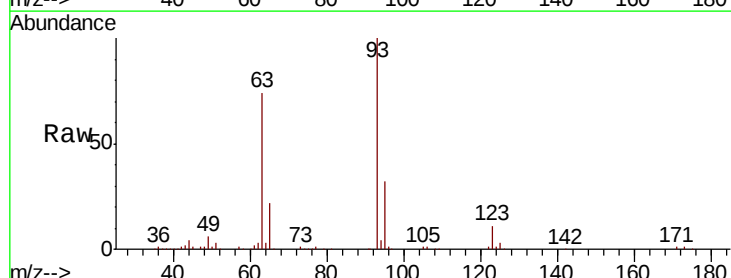
Instrument :
 BNA_G
 ClientSampled :

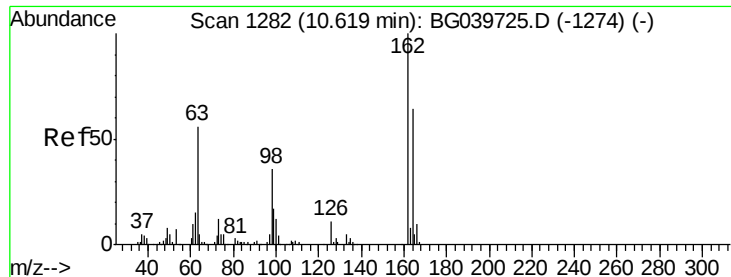
Tot Ion	Ratio	Lower	Upper
122	100		
107	124.1	98.7	148.1
121	59.7	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 53.836 ng
 RT: 10.37 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	25.8	38.8
123	11.1	8.9	13.3

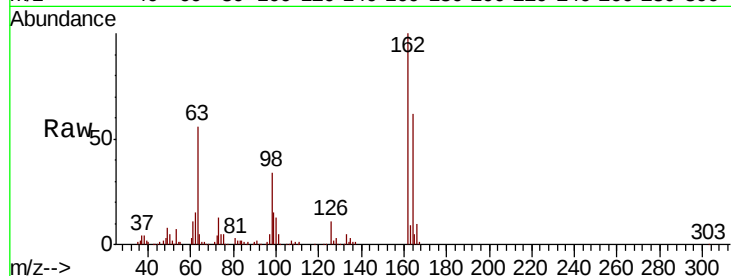




#29
 2,4-Dichlorophenol
 Concen: 54.858 ng
 RT: 10.62 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.4	84.4
98	34.4	15.5	55.5

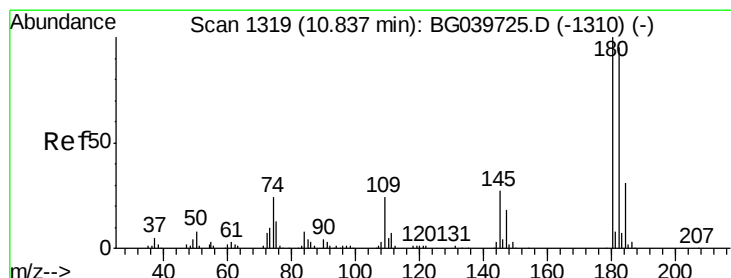
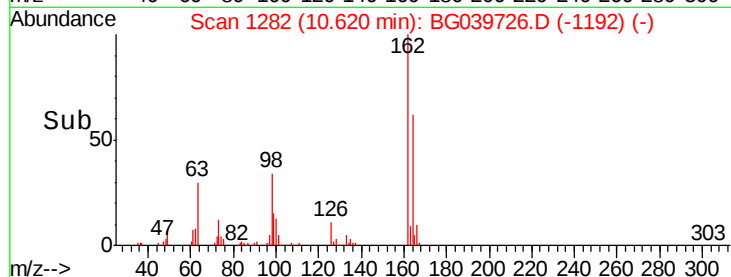
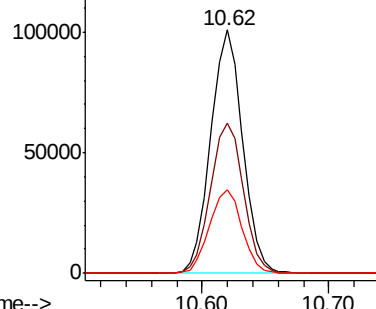


Abundance

Ion 162.00 (161.70 to 162.70): E

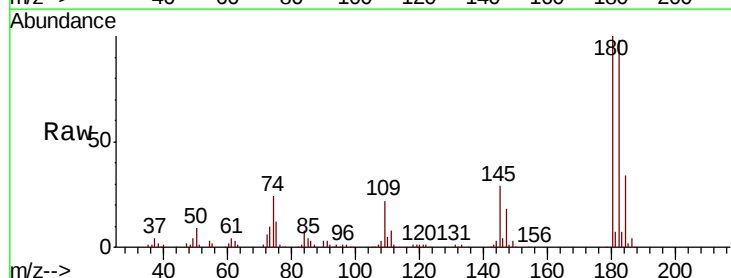
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 51.936 ng
 RT: 10.84 min Scan# 1319
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	75.7	113.5
145	28.7	21.9	32.9

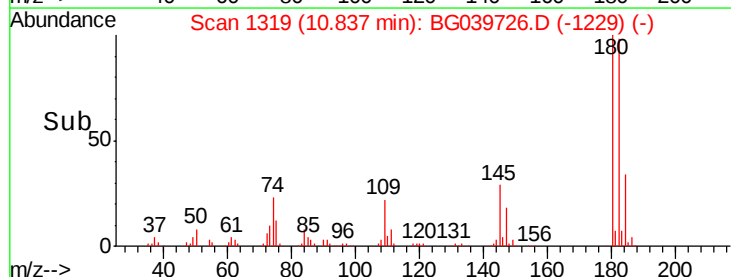
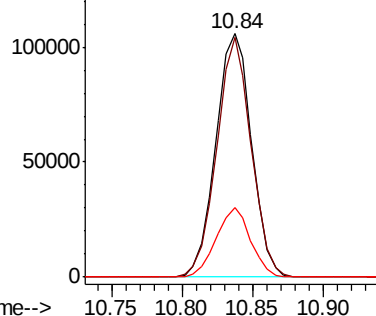


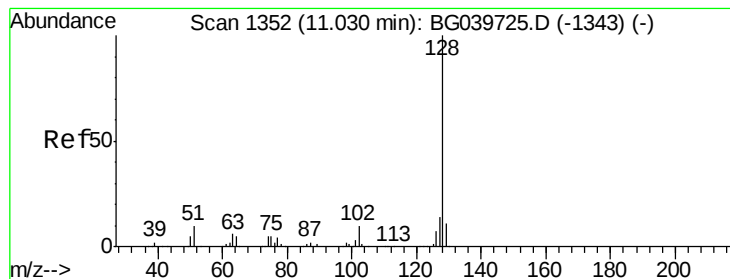
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

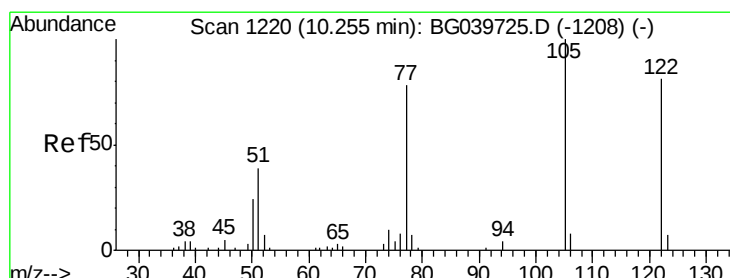
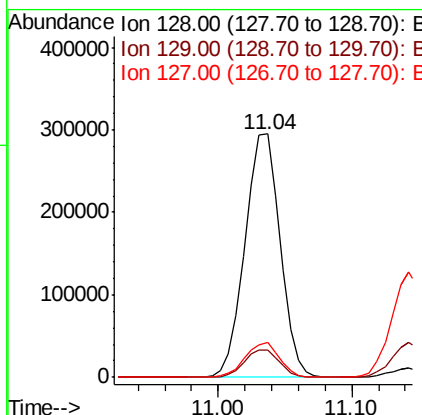
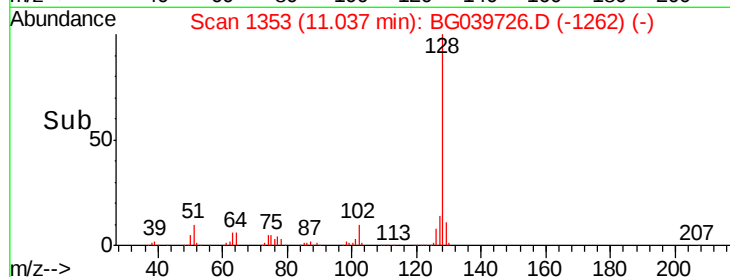
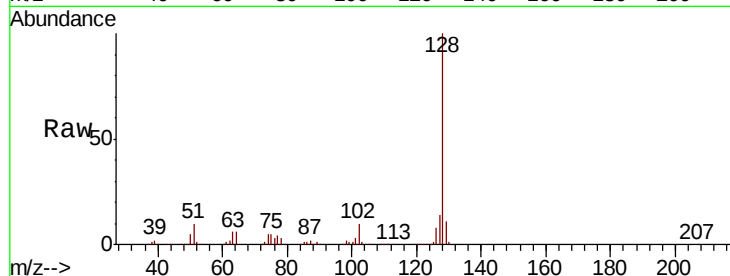




#31
Naphthalene
Concen: 52.476 ng
RT: 11.04 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

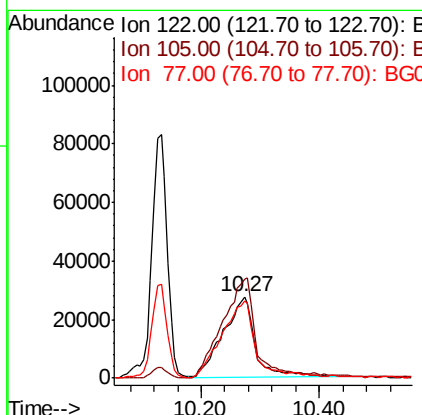
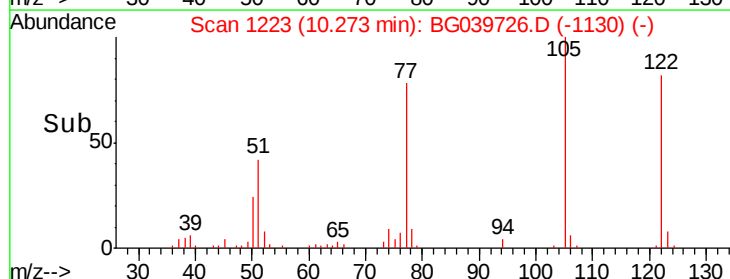
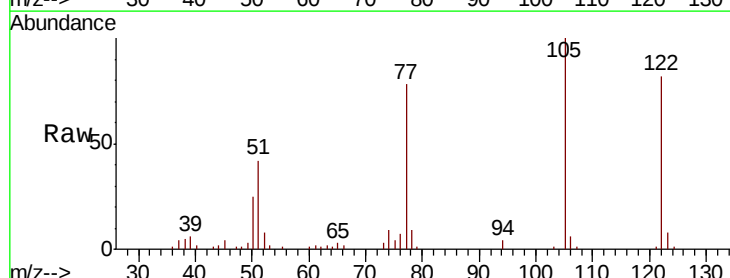
Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 534502
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 14.1 11.5 17.3



#32
Benzoic acid
Concen: 62.523 ng
RT: 10.27 min Scan# 1223
Delta R.T. 0.02 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:122 Resp: 104665
Ion Ratio Lower Upper
122 100
105 121.5 103.3 143.3
77 94.8 76.5 116.5

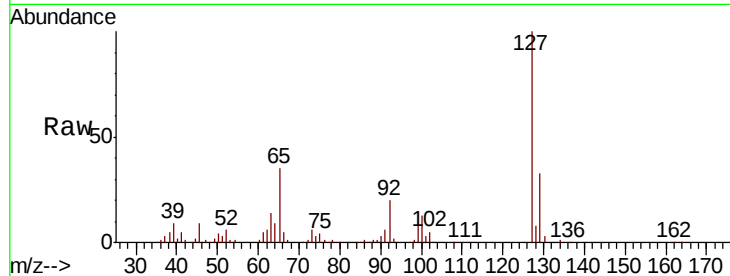




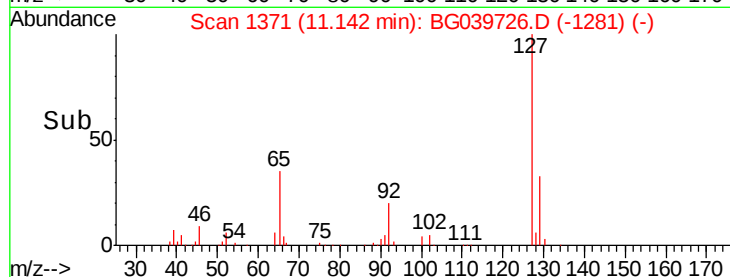
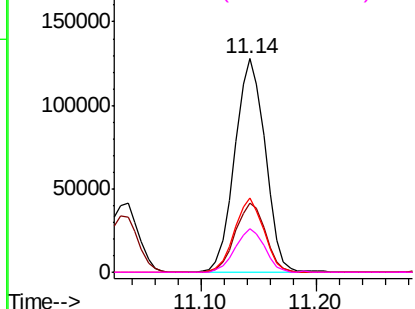
#33
4-Chloroaniline
Concen: 49.384 ng
RT: 11.14 min Scan# 1371
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	233230
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	34.6	29.0	43.4
92	20.2	16.0	24.0

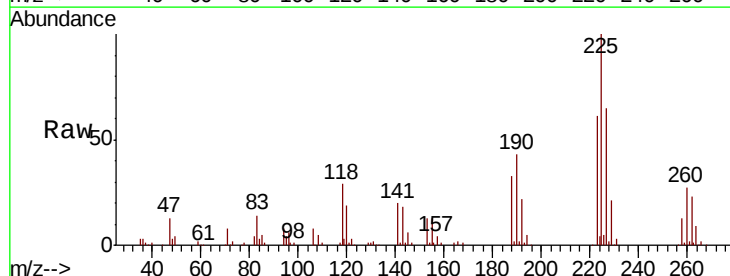


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

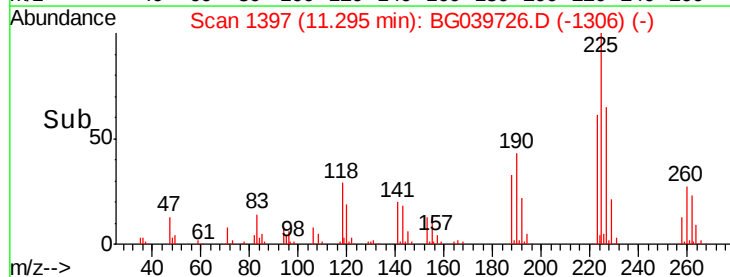
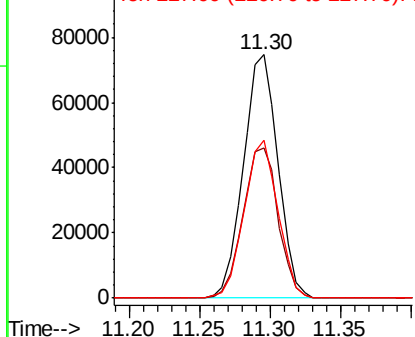


#34
Hexachlorobutadiene
Concen: 53.367 ng
RT: 11.30 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:	225	Resp:	128300
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.8	77.6
227	64.8	50.3	75.5



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

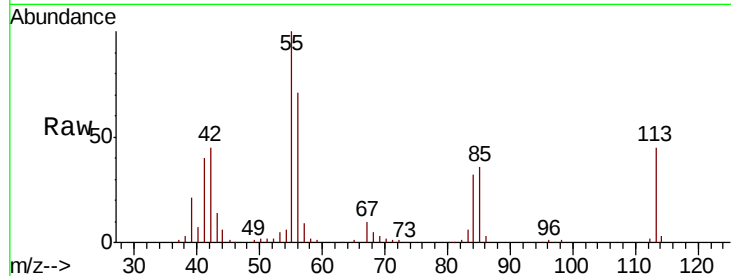




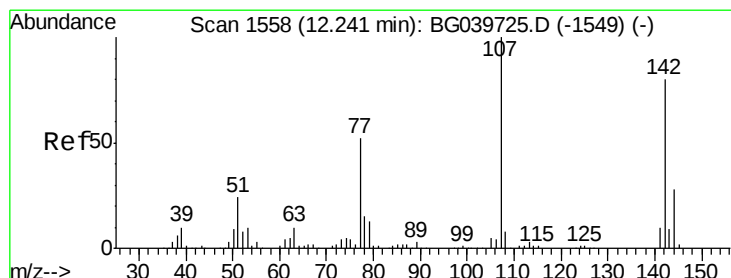
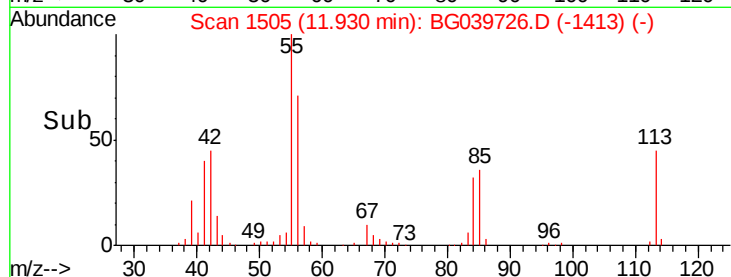
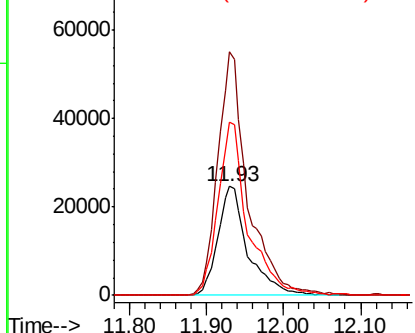
#35
Caprolactam
Concen: 50.051 ng
RT: 11.93 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 66689
Ion Ratio Lower Upper
113 100
55 223.8 204.4 244.4
56 159.0 138.2 178.2

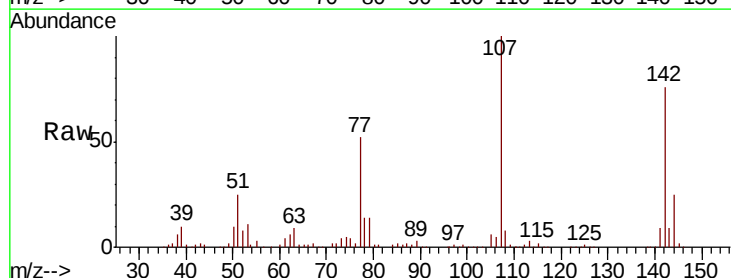


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

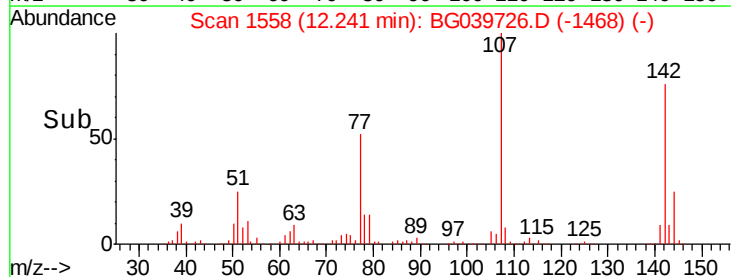
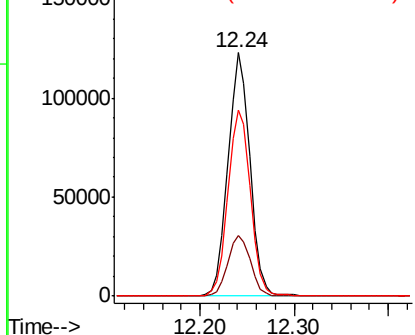


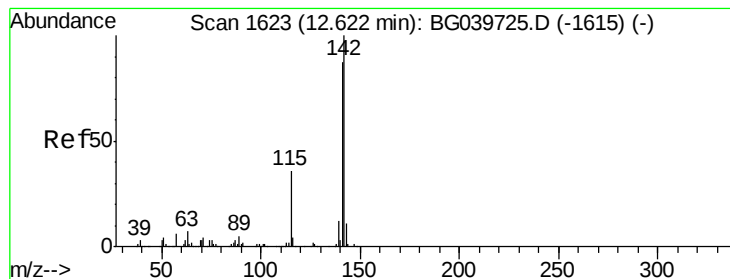
#36
4-Chloro-3-methylphenol
Concen: 53.428 ng
RT: 12.24 min Scan# 1558
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:107 Resp: 198956
Ion Ratio Lower Upper
107 100
144 24.6 22.2 33.4
142 76.2 64.2 96.2



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





#37

2-Methylnaphthalene

Concen: 52.980 ng

RT: 12.62 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

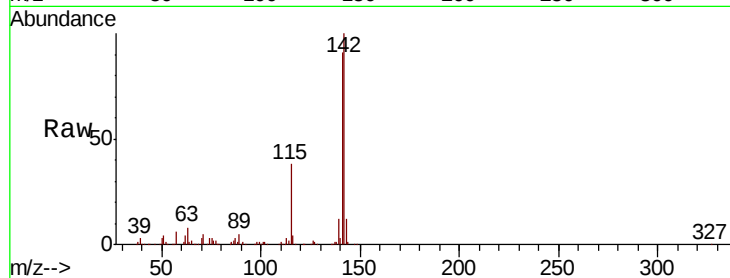
Tot Ion:142 Resp: 399684

Ion Ratio Lower Upper

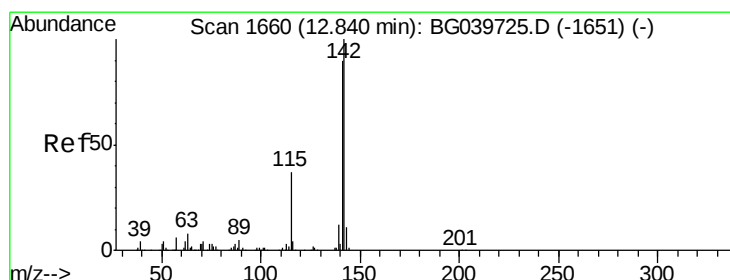
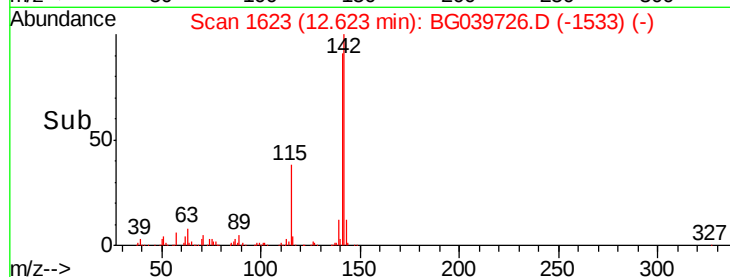
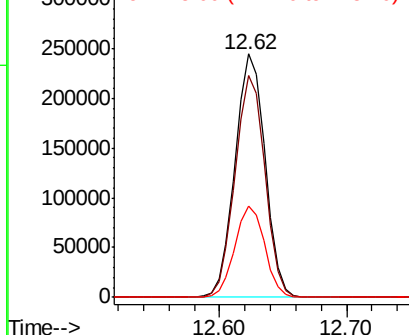
142 100

141 91.2 69.5 104.3

115 37.6 28.8 43.2



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



#38

1-Methylnaphthalene

Concen: 54.962 ng

RT: 12.62 min Scan# 1623

Delta R.T. -0.22 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

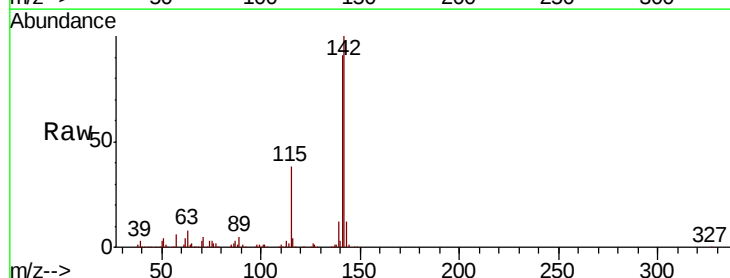
Tgt Ion:142 Resp: 399684

Ion Ratio Lower Upper

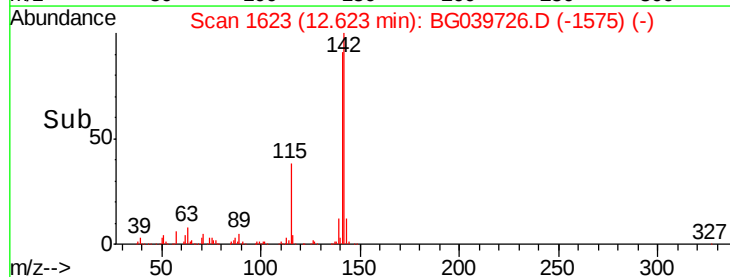
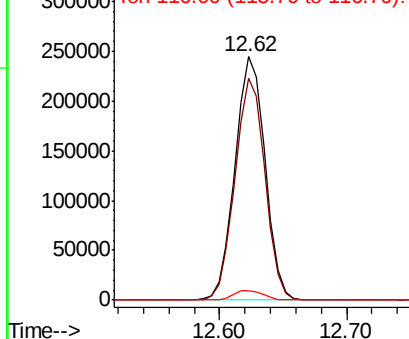
142 100

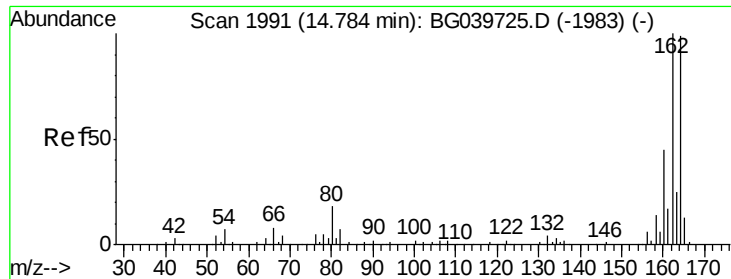
141 91.2 71.8 107.6

116 4.0 3.1 4.7



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

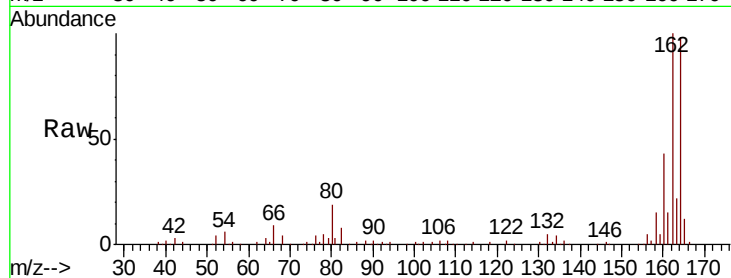
Tot Ion:164 Resp: 138458

Ion Ratio Lower Upper

164 100

162 101.7 80.7 121.1

160 43.3 36.2 54.4

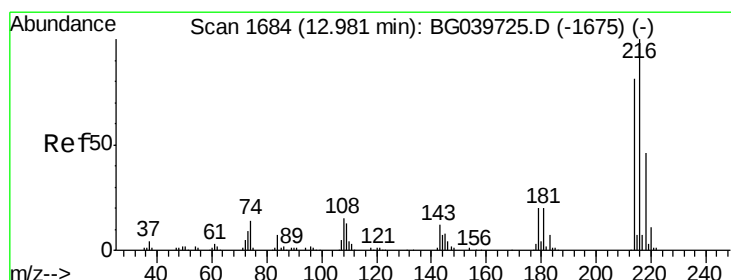
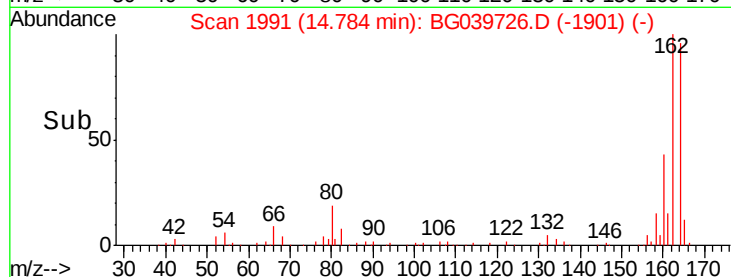
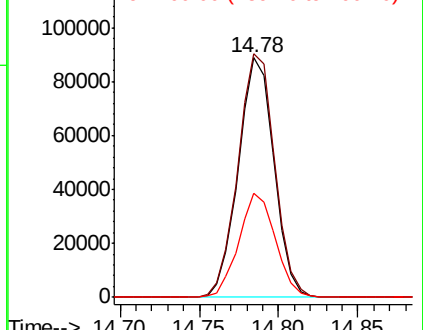


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.313 ng

RT: 12.98 min Scan# 1684

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Tgt Ion:216 Resp: 230456

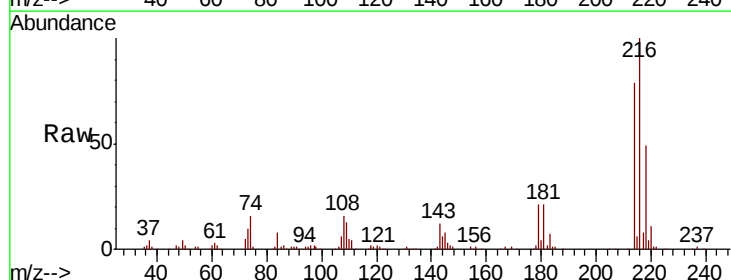
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 20.6 16.2 24.4

108 16.5 13.4 20.0



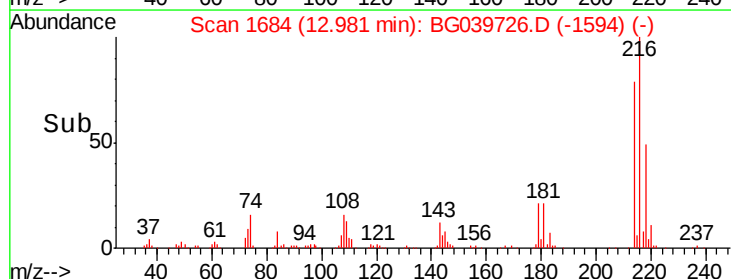
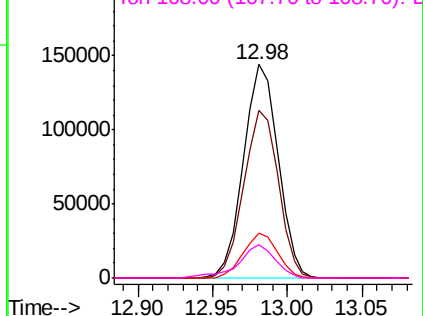
Abundance

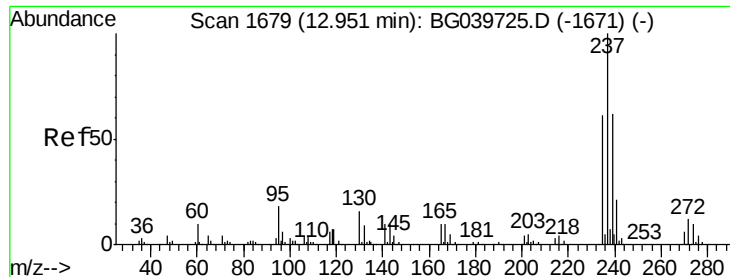
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 55.486 ng

RT: 12.95 min Scan# 1679

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

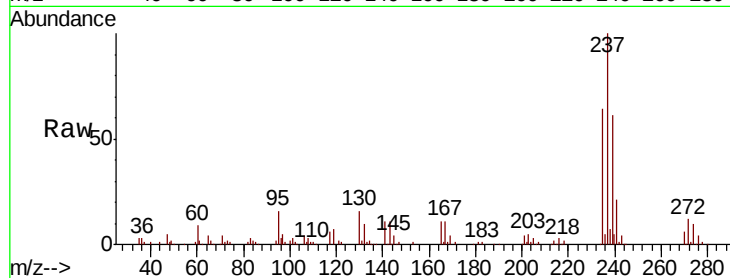
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 133197

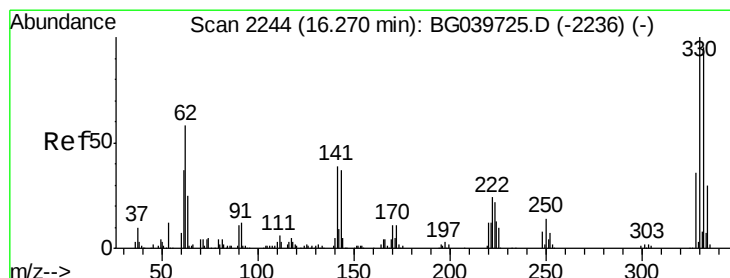
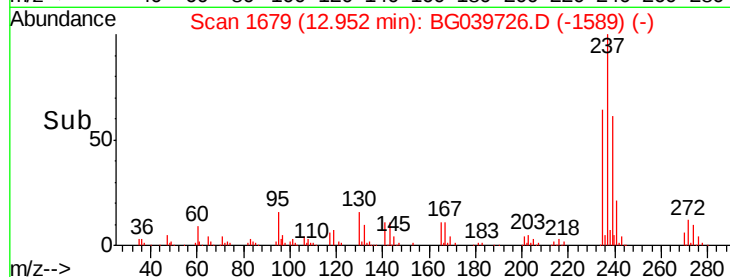
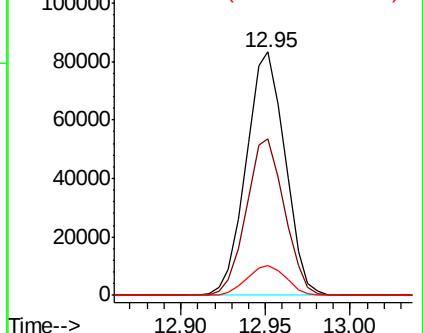
Ion	Ratio	Lower	Upper
237	100		
235	64.2	41.0	81.0
272	12.3	0.0	31.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 112.490 ng

RT: 16.27 min Scan# 2244

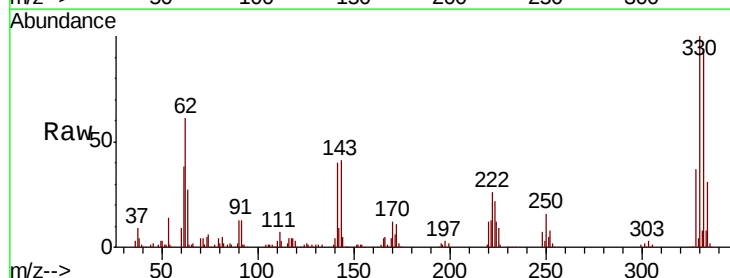
Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Tgt Ion:330 Resp: 167717

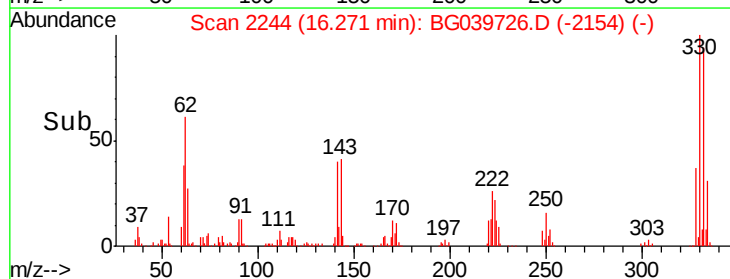
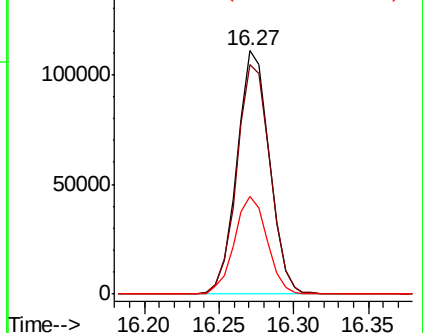
Ion	Ratio	Lower	Upper
330	100		
332	96.5	75.8	113.6
141	40.7	32.8	49.2

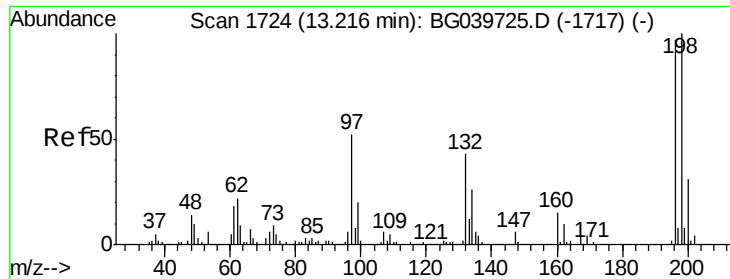


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

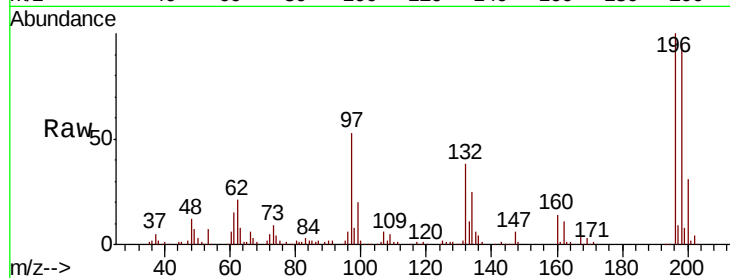




#43
 2,4,6-Trichlorophenol
 Concen: 53.592 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. 0.01 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	82.1	123.1
200	31.3	25.1	37.7

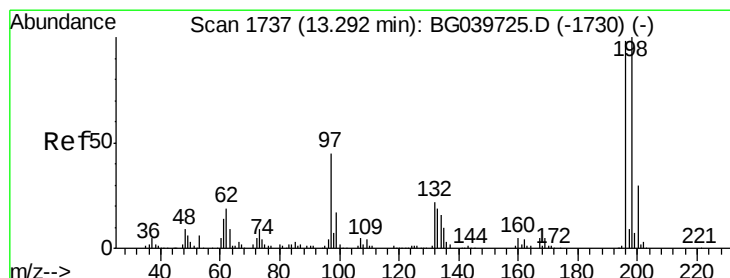
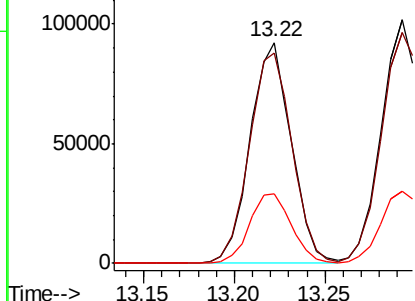
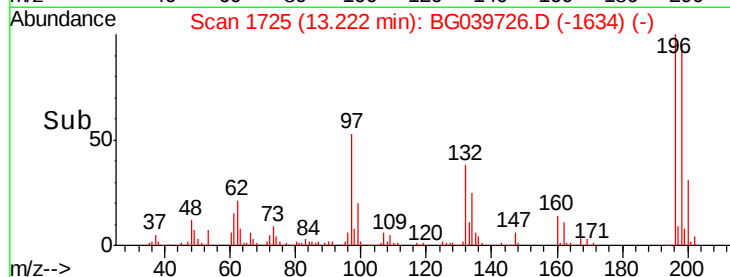


Abundance

Ion 196.00 (195.70 to 196.70): E

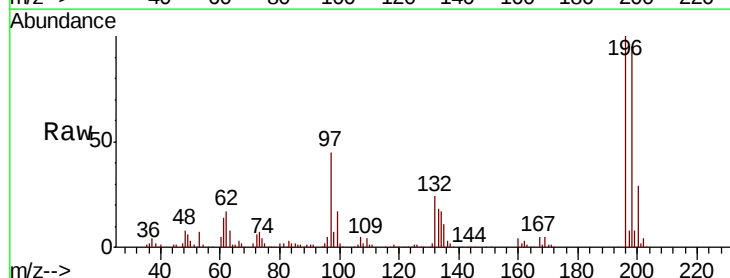
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 56.275 ng
 RT: 13.29 min Scan# 1737
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	81.4	122.0
97	45.2	36.4	54.6
132	23.7	18.5	27.7



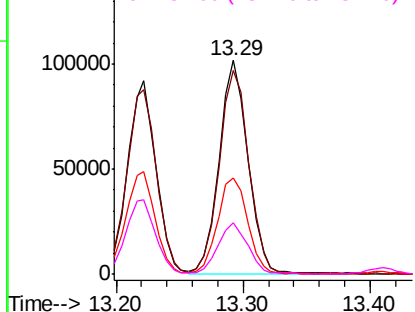
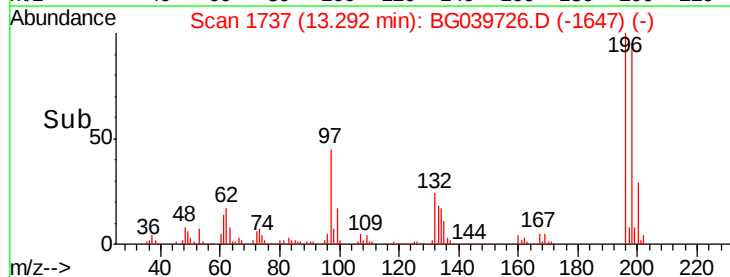
Abundance

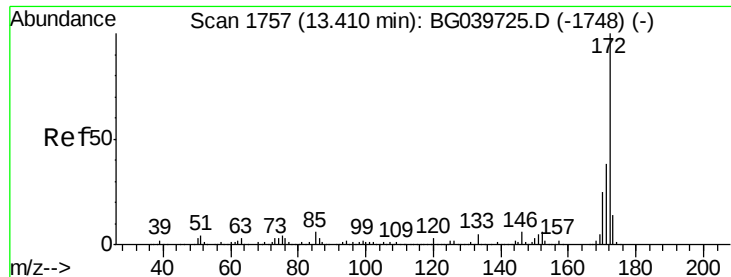
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

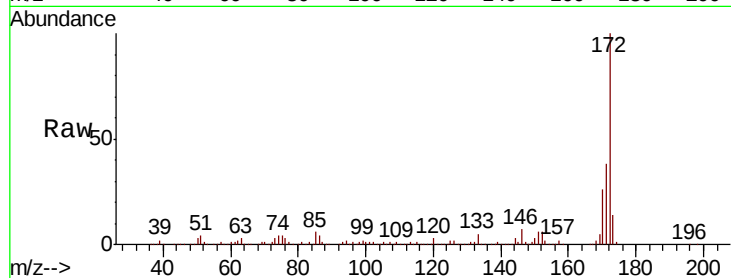




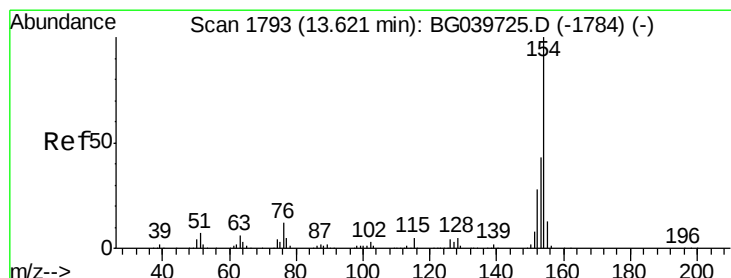
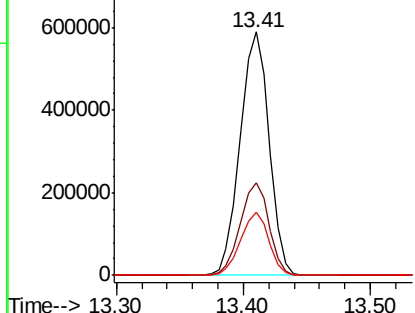
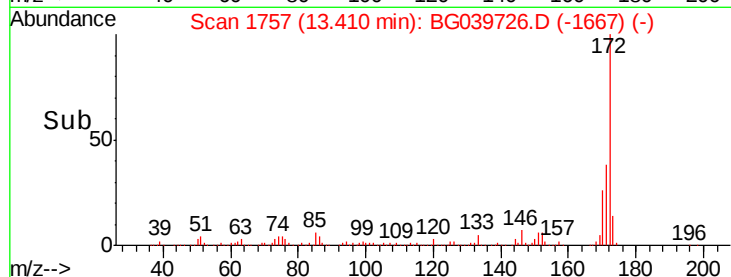
#45
 2-Fluorobiphenyl
 Concen: 96.780 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 934086
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.7 46.1
 170 26.1 20.2 30.2

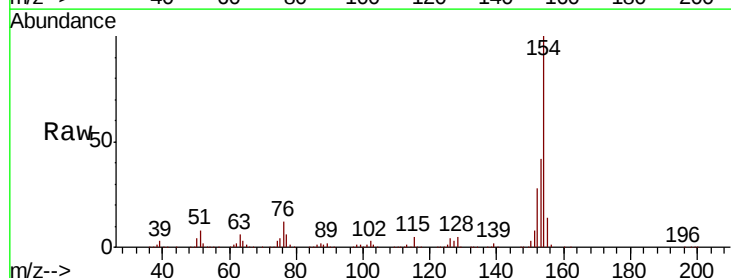


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

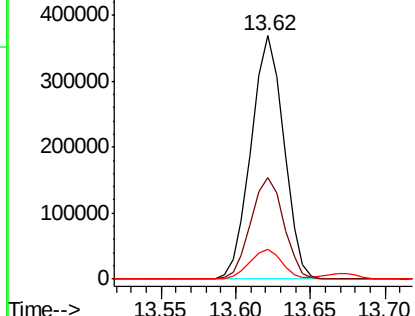
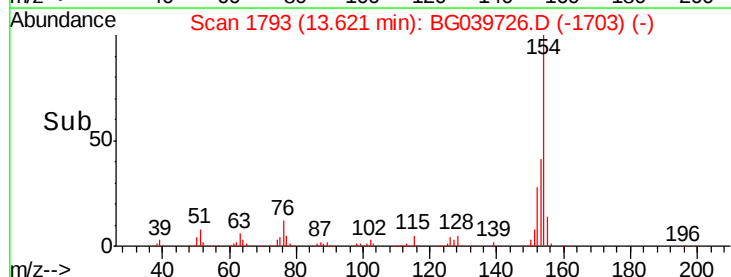


#46
 1,1'-Biphenyl
 Concen: 48.580 ng
 RT: 13.62 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion:154 Resp: 559648
 Ion Ratio Lower Upper
 154 100
 153 41.5 23.2 63.2
 76 12.2 0.0 31.7



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

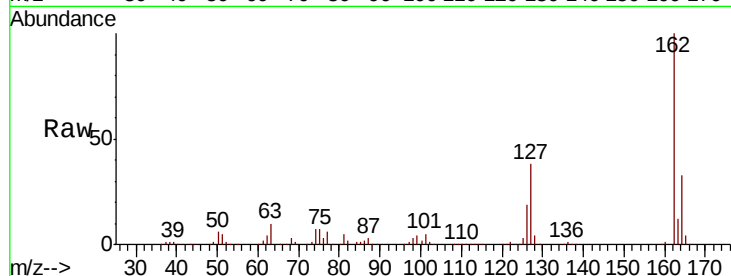




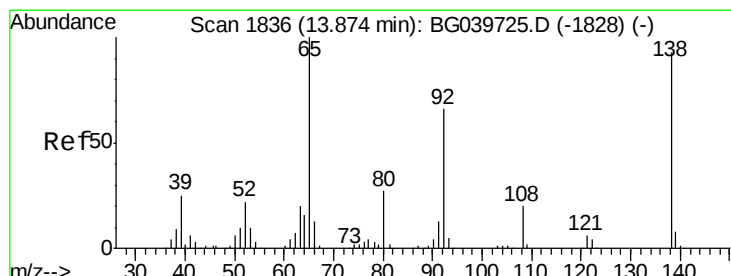
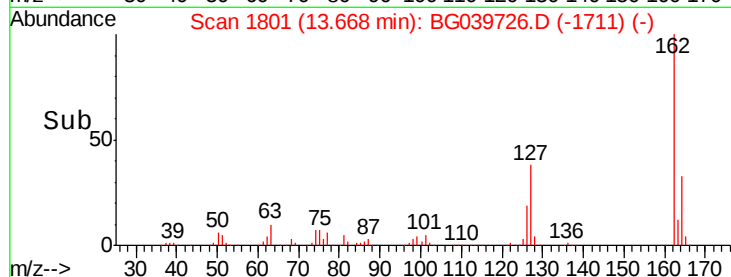
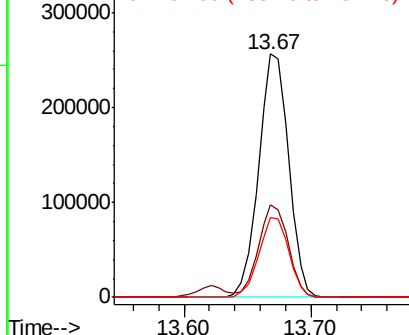
#47
2-Chloronaphthalene
Concen: 48.740 ng
RT: 13.67 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 422394
Ion Ratio Lower Upper
162 100
127 37.9 30.7 46.1
164 32.8 27.6 41.4

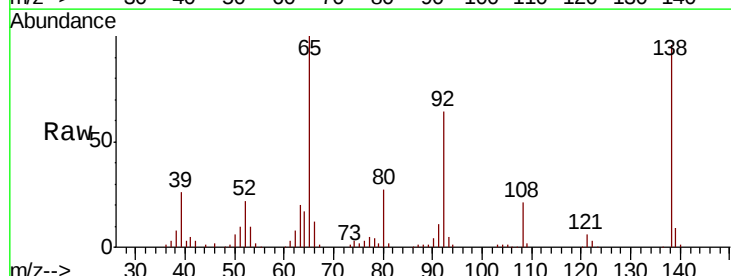


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

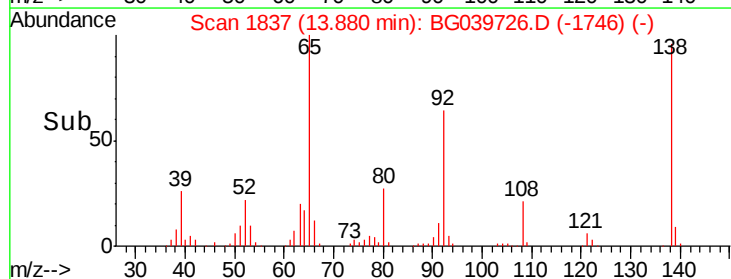
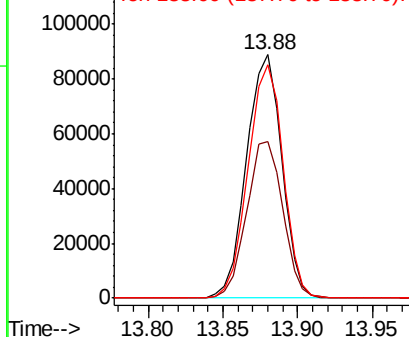


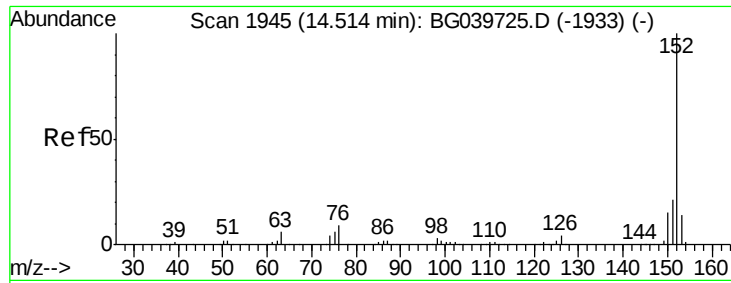
#48
2-Nitroaniline
Concen: 66.149 ng
RT: 13.88 min Scan# 1837
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion: 65 Resp: 145496
Ion Ratio Lower Upper
65 100
92 64.4 52.6 79.0
138 96.0 74.6 111.8



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





#49

Acenaphthylene

Concen: 53.673 ng

RT: 14.51 min Scan# 1945

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

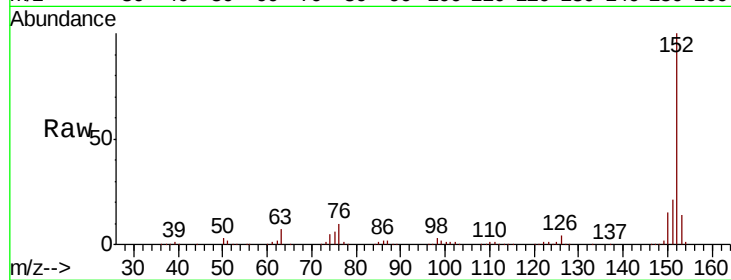
Tot Ion:152 Resp: 701861

Ion Ratio Lower Upper

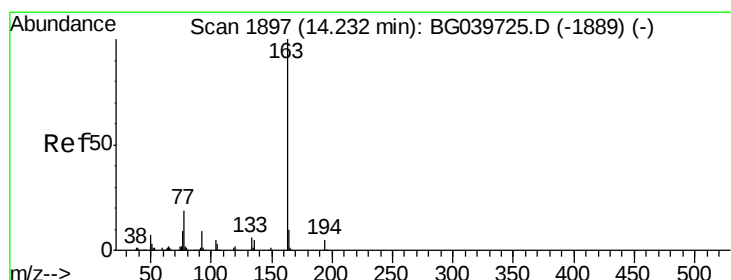
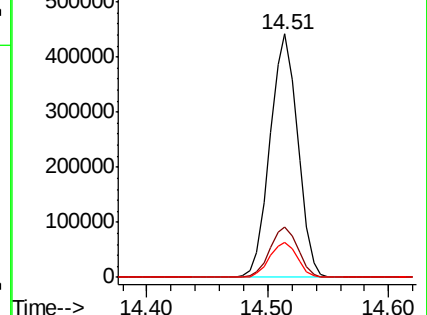
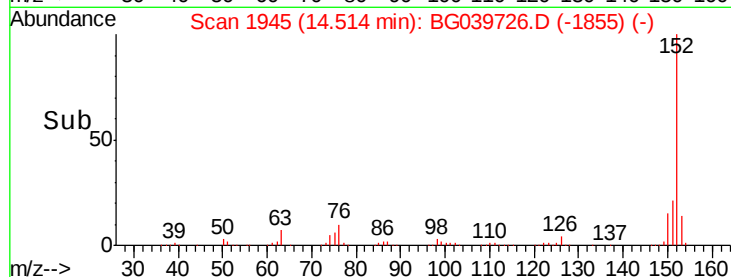
152 100

151 20.8 16.7 25.1

153 14.5 11.1 16.7



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



#50

Dimethylphthalate

Concen: 50.695 ng

RT: 14.23 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

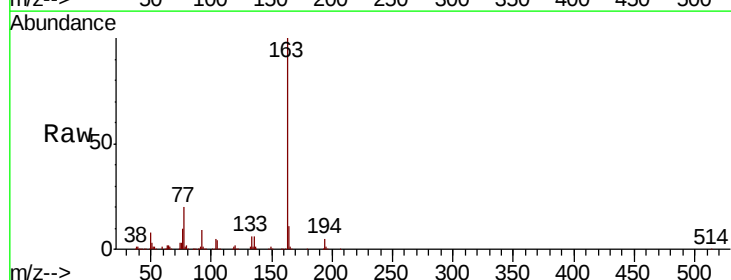
Tgt Ion:163 Resp: 566889

Ion Ratio Lower Upper

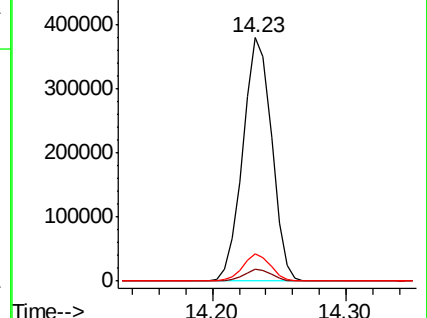
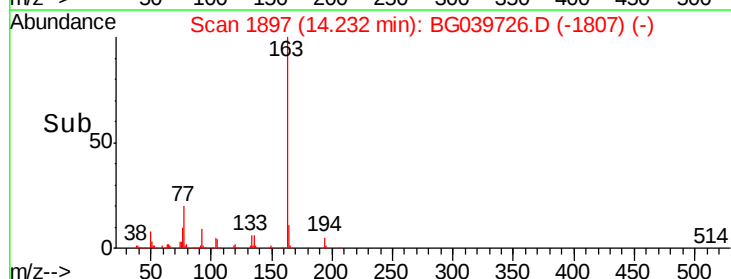
163 100

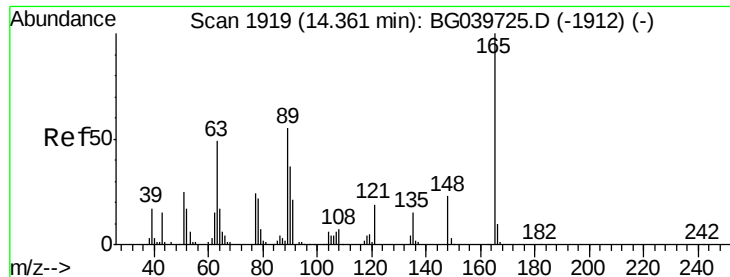
194 4.7 3.6 5.4

164 11.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

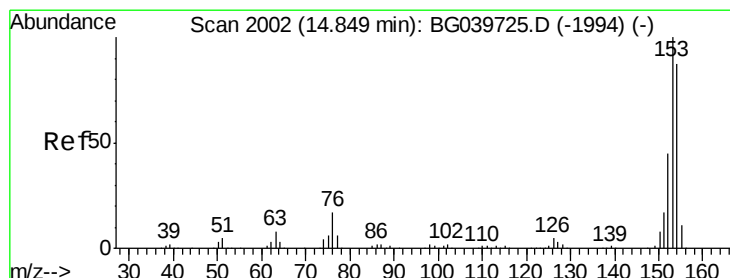
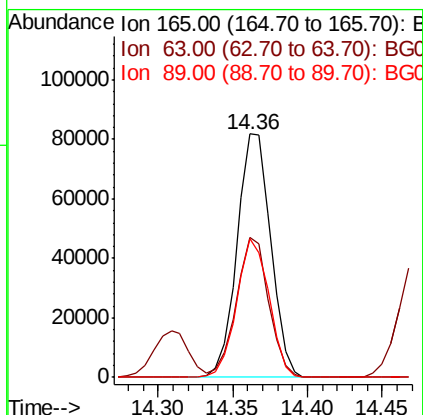
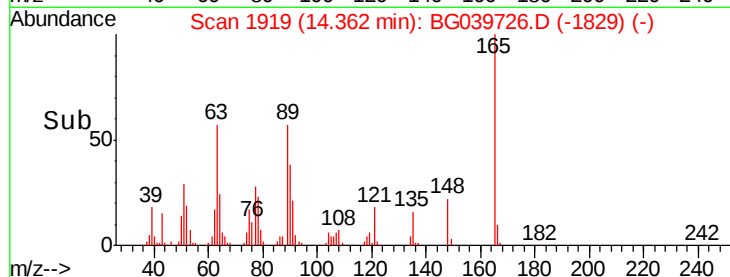
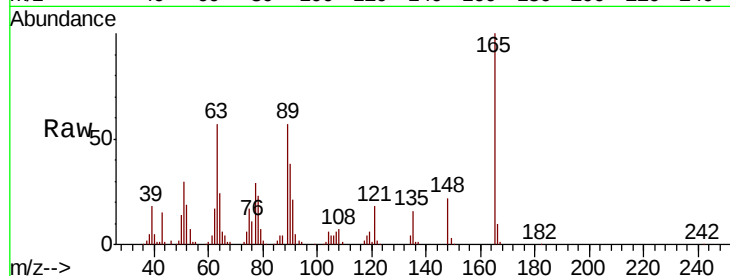




#51
2,6-Dinitrotoluene
Concen: 67.697 ng
RT: 14.36 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

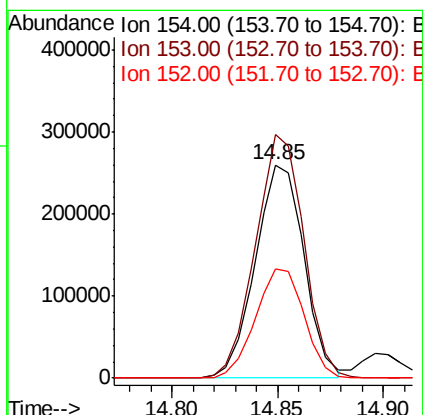
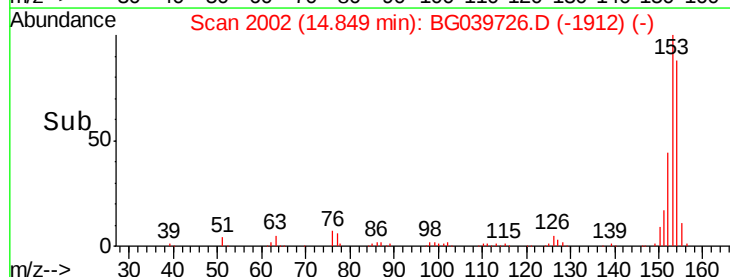
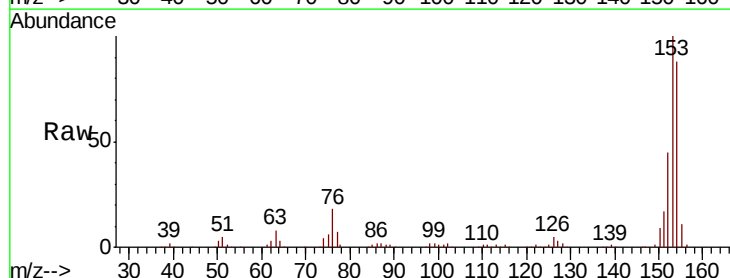
Instrument :
BNA_G
ClientSampleId :

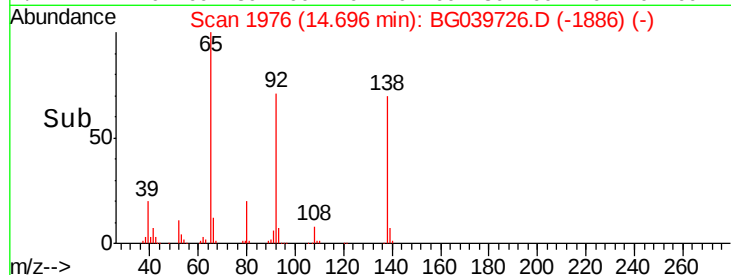
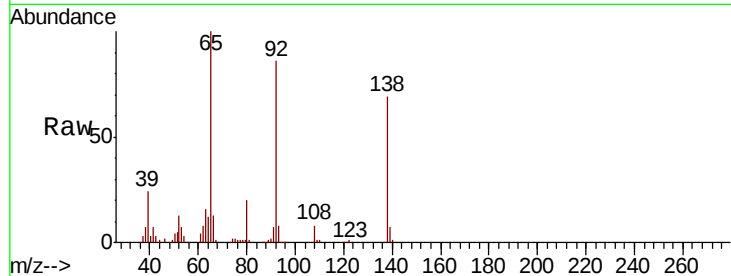
Tot Ion:165 Resp: 127943
Ion Ratio Lower Upper
165 100
63 57.2 44.6 66.8
89 56.7 44.0 66.0



#52
Acenaphthene
Concen: 49.084 ng
RT: 14.85 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:154 Resp: 416638
Ion Ratio Lower Upper
154 100
153 114.1 92.2 138.4
152 51.2 41.6 62.4

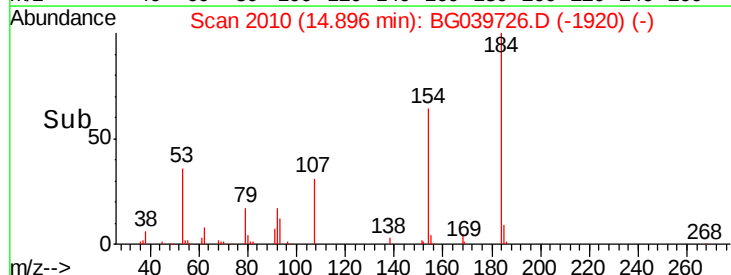
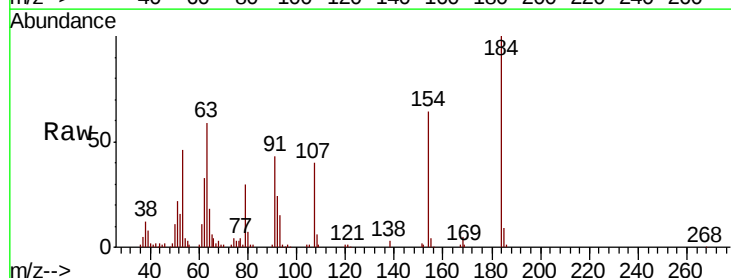
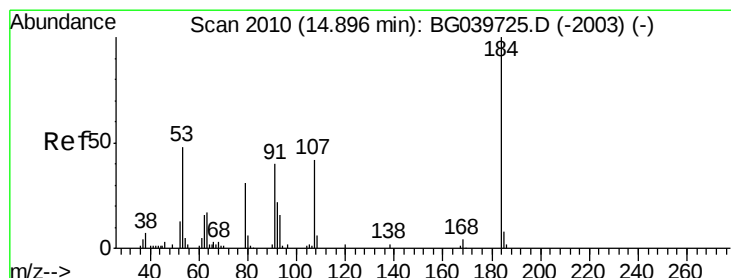
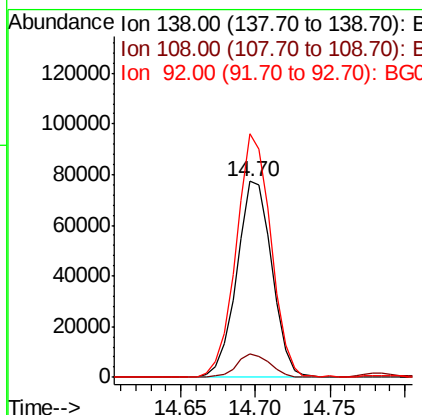




#53
3-Nitroaniline
Concen: 61.214 ng
RT: 14.70 min Scan# 1976
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

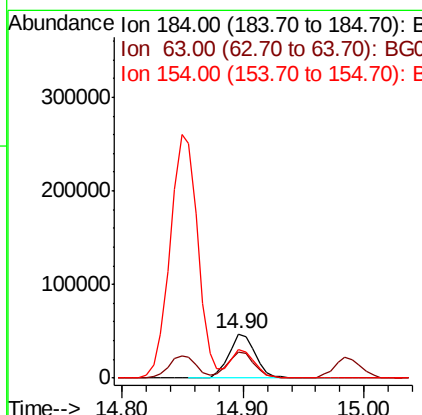
Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 126422
Ion Ratio Lower Upper
138 100
108 11.9 10.0 15.0
92 124.5 95.7 143.5



#54
2,4-Dinitrophenol
Concen: 103.164 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:184 Resp: 73162
Ion Ratio Lower Upper
184 100
63 58.8 47.4 71.0
154 64.0 50.1 75.1

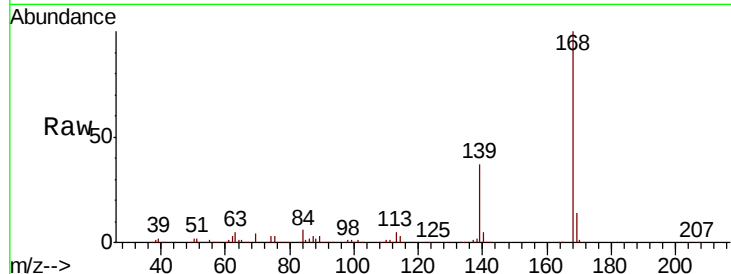




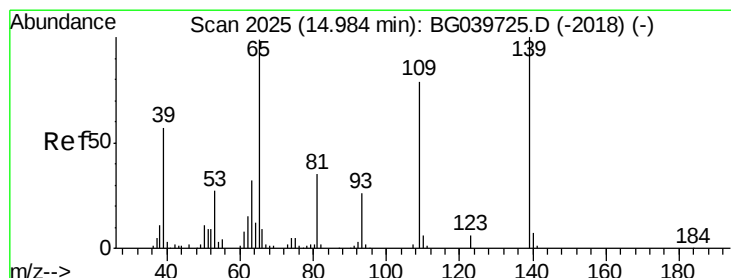
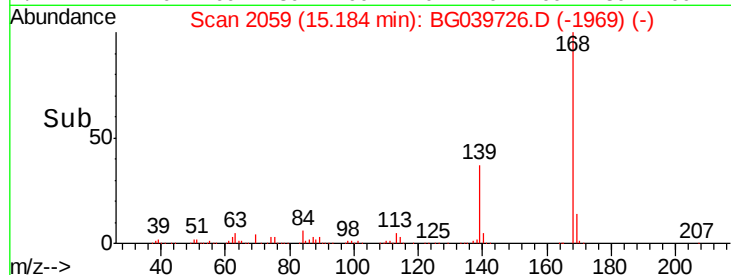
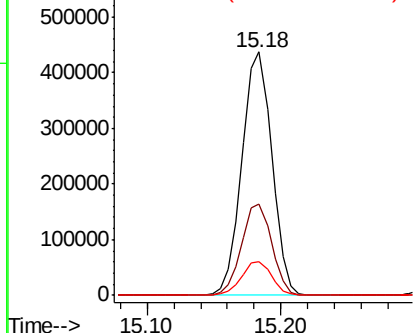
#55
Dibenzenofuran
Concen: 49.656 ng
RT: 15.18 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 675807
Ion Ratio Lower Upper
168 100
139 37.3 29.8 44.6
169 13.8 10.6 16.0

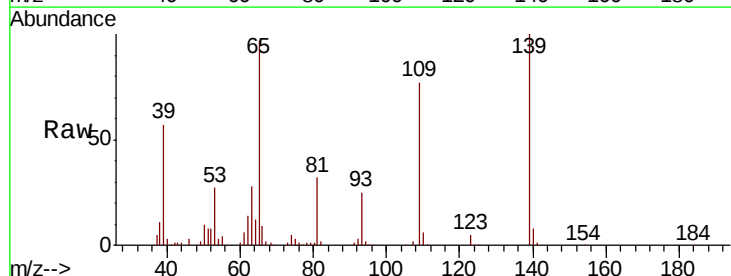


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

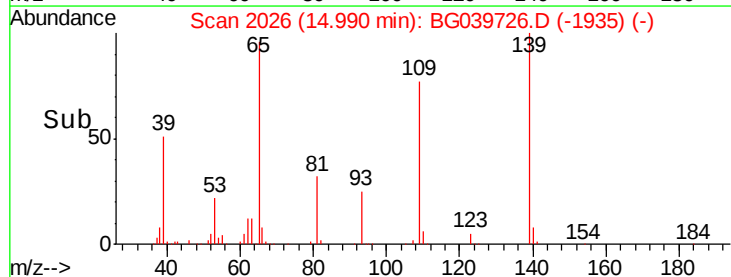
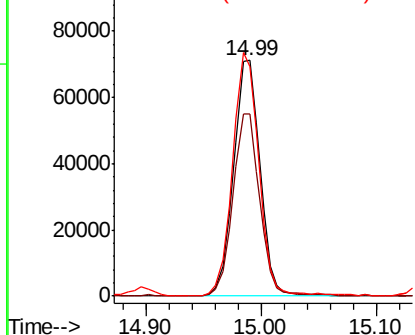


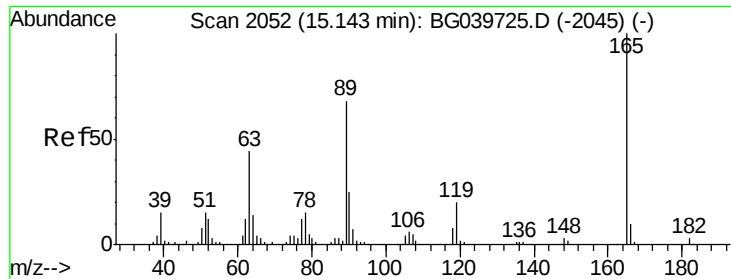
#56
4-Nitrophenol
Concen: 64.512 ng
RT: 14.99 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:139 Resp: 113356
Ion Ratio Lower Upper
139 100
109 77.0 58.7 98.7
65 97.1 79.3 119.3



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

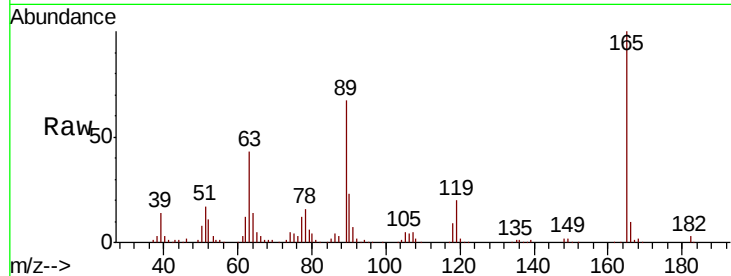




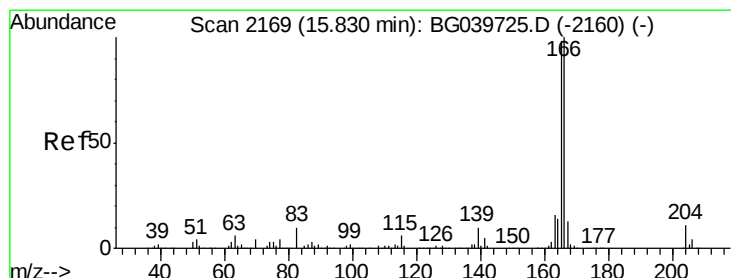
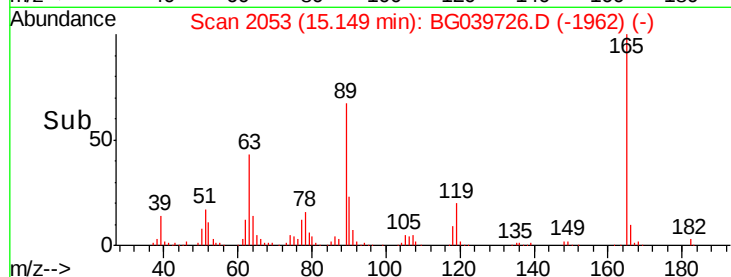
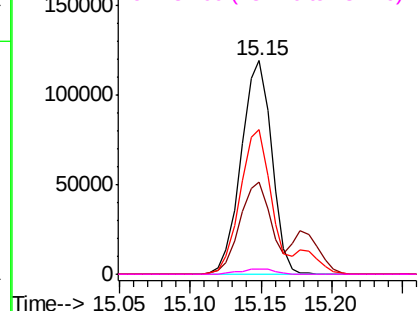
#57
 2,4-Dinitrotoluene
 Concen: 75.641 ng
 RT: 15.15 min Scan# 2053
 Delta R.T. 0.01 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.2	35.4	53.0
89	67.5	54.1	81.1
182	2.6	2.2	3.4

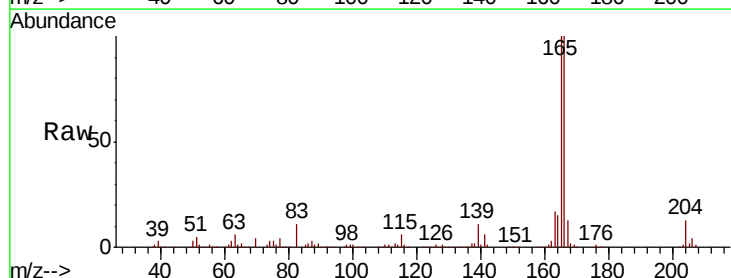


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

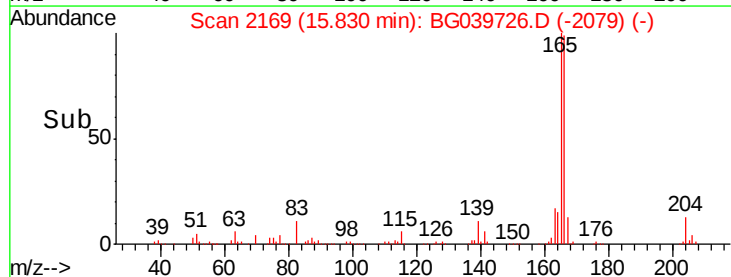
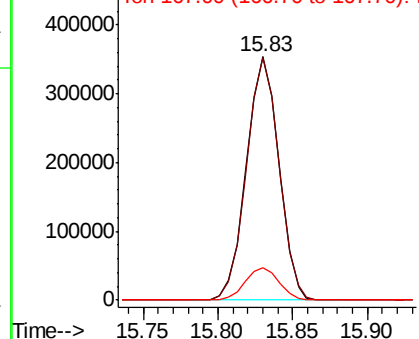


#58
 Fluorene
 Concen: 52.506 ng
 RT: 15.83 min Scan# 2169
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.5	117.7
167	13.3	10.6	15.8



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

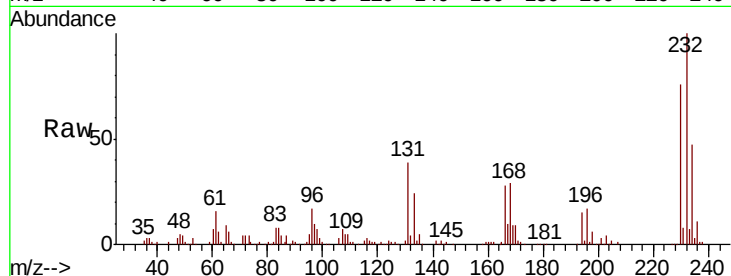




#59
2,3,4,6-Tetrachlorophenol
Concen: 60.127 ng
RT: 15.40 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	40.0	32.6	49.0
130	2.2	2.0	3.0
166	28.8	22.9	34.3



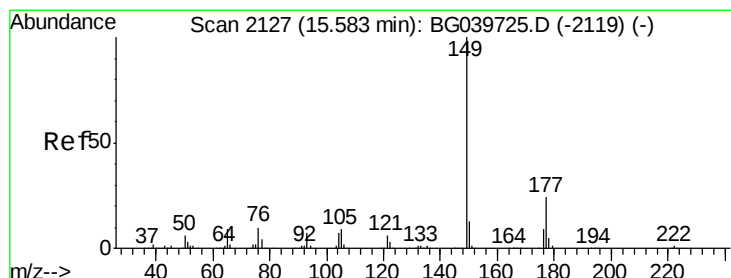
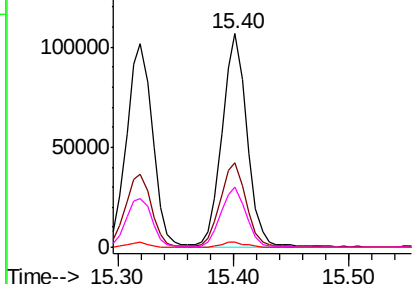
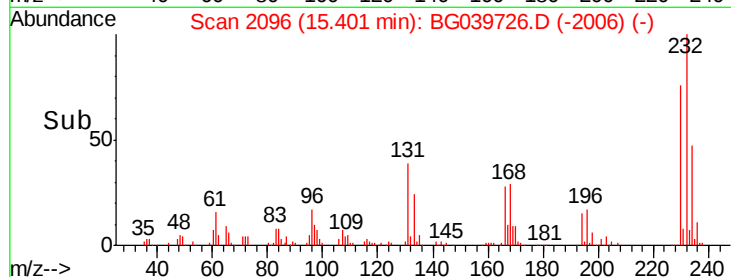
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

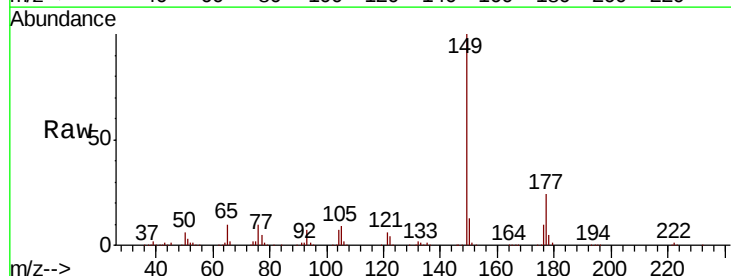
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 48.671 ng
RT: 15.58 min Scan# 2127
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	18.9	28.3
150	13.4	10.3	15.5

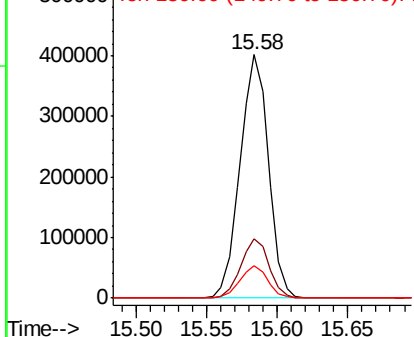
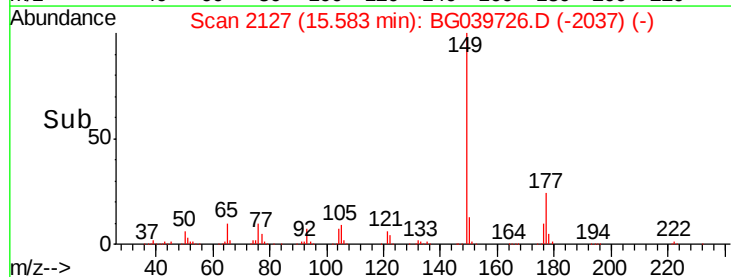


Abundance

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

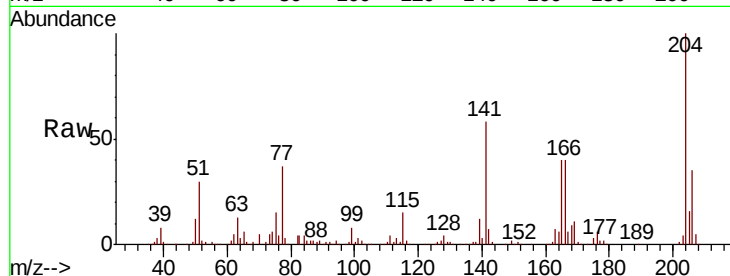




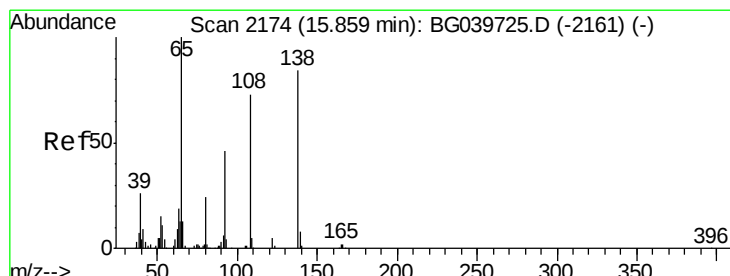
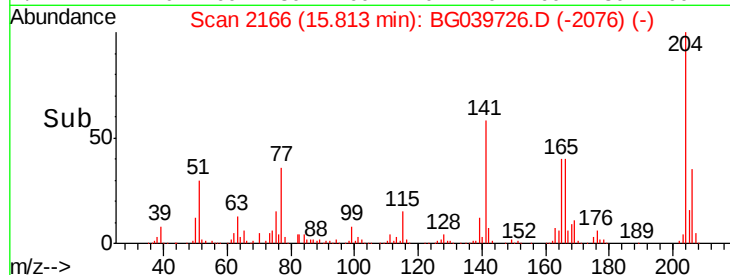
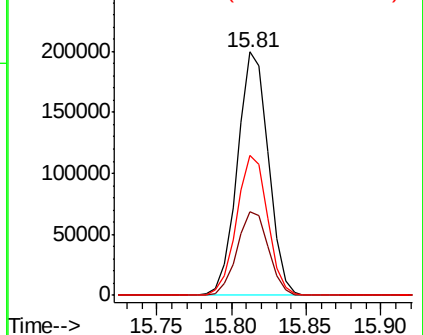
#61
4-Chlorophenyl-phenylether
Concen: 49.877 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 286524
Ion Ratio Lower Upper
204 100
206 34.5 27.0 40.4
141 57.6 46.4 69.6

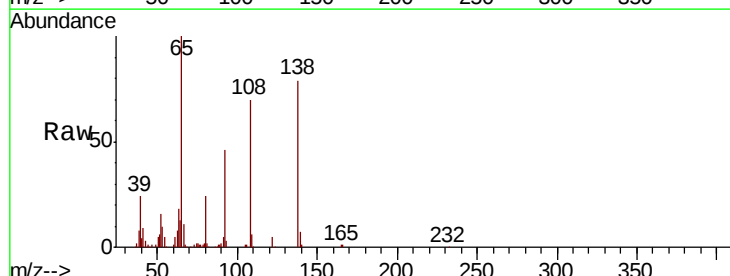


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

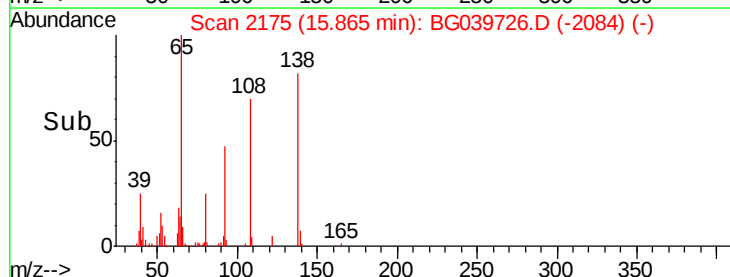
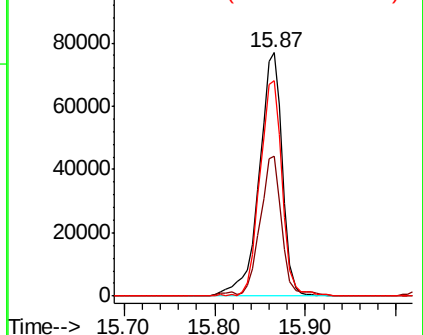


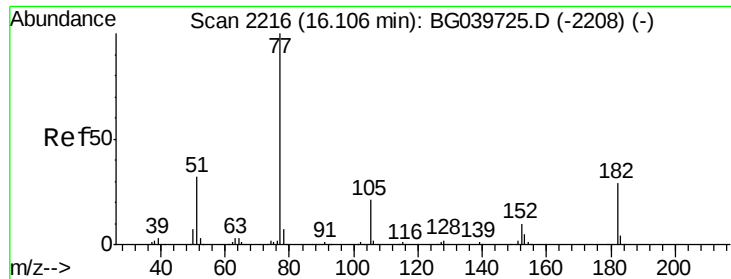
#62
4-Nitroaniline
Concen: 62.090 ng
RT: 15.87 min Scan# 2175
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:138 Resp: 136074
Ion Ratio Lower Upper
138 100
92 57.7 34.9 74.9
108 88.6 67.5 107.5



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

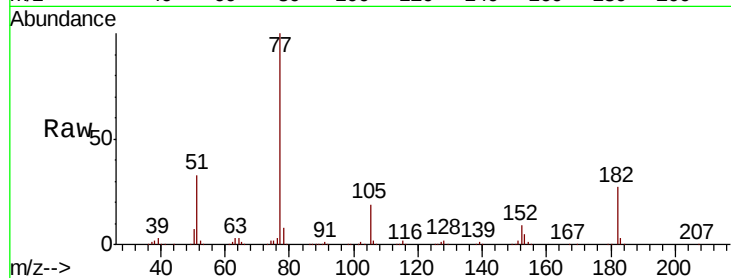




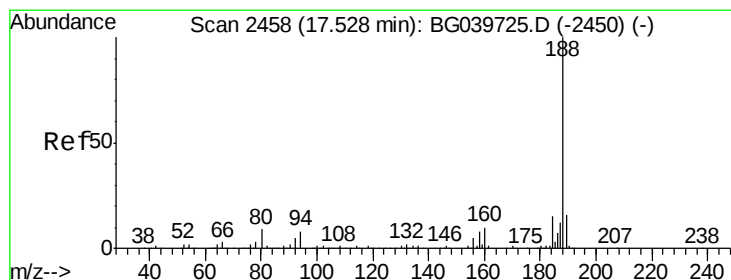
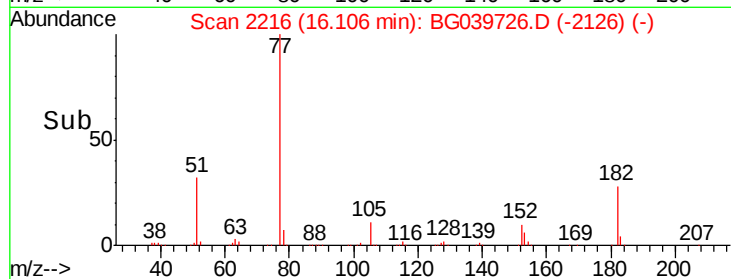
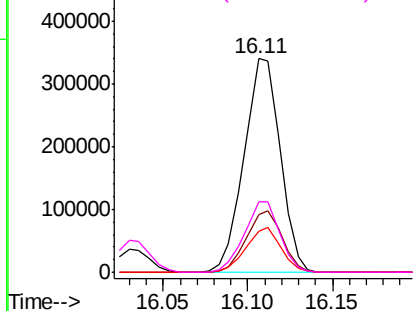
#63
Azobenzene
Concen: 45.105 ng
RT: 16.11 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion:	77	Resp:	509712
Ion	Ratio	Lower	Upper
77	100		
182	26.8	8.9	48.9
105	19.4	0.9	40.9
51	32.8	12.4	52.4

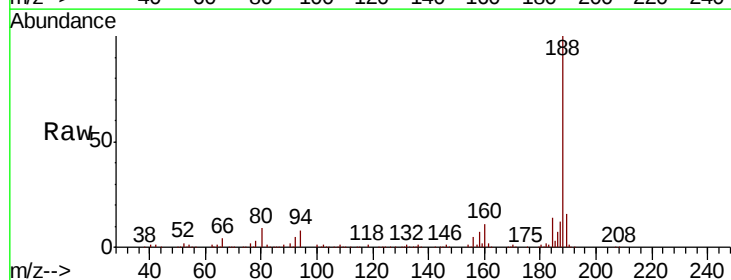


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

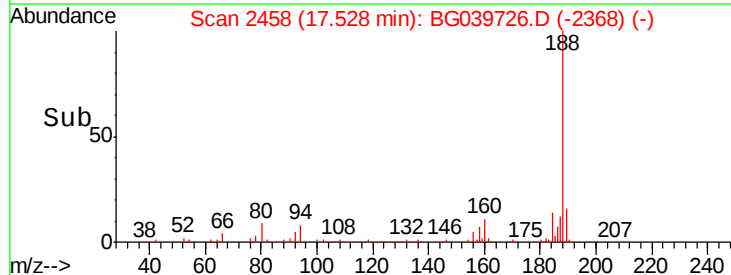
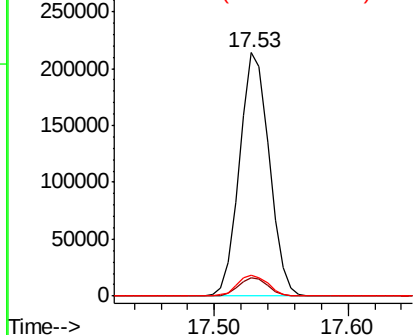


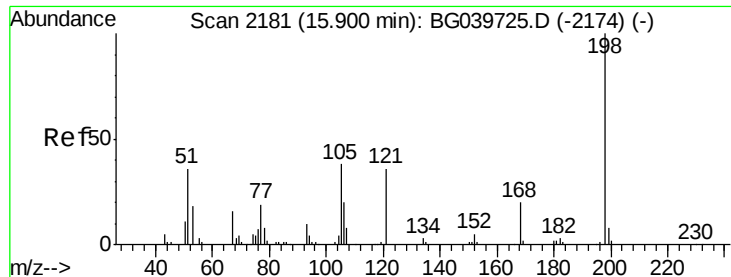
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.53 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:	188	Resp:	328860
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.0	9.0
80	8.6	7.4	11.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 84.503 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

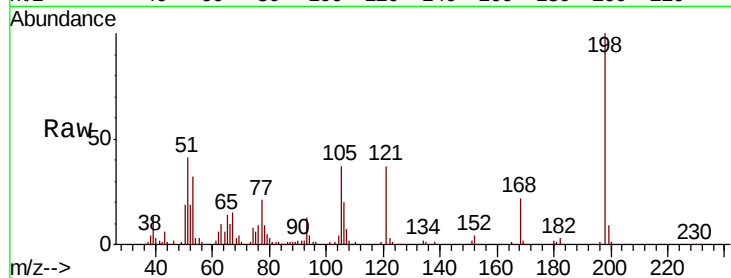
Tot Ion:198 Resp: 102132

Ion Ratio Lower Upper

198 100

51 41.2 24.4 64.4

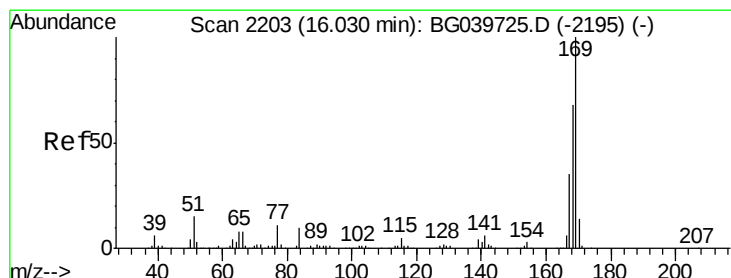
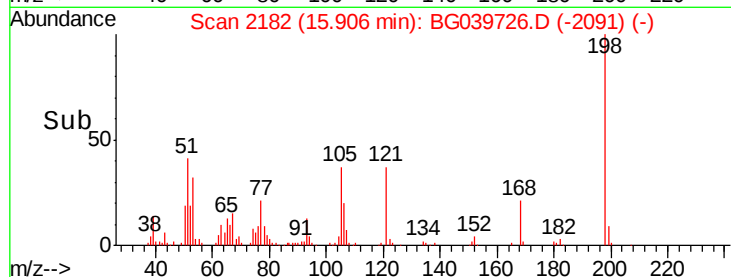
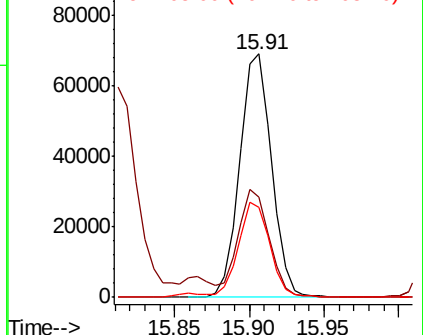
105 37.0 19.4 59.4



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039725.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 48.035 ng

RT: 16.04 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

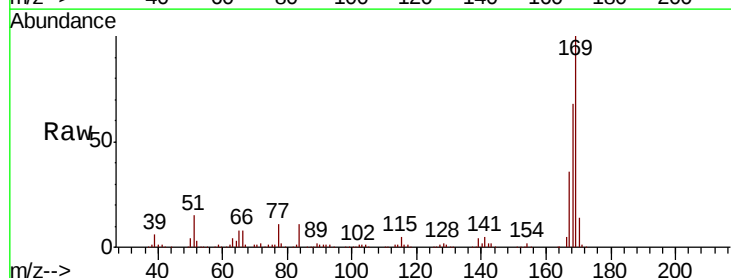
Tgt Ion:169 Resp: 480329

Ion Ratio Lower Upper

169 100

168 68.3 54.8 82.2

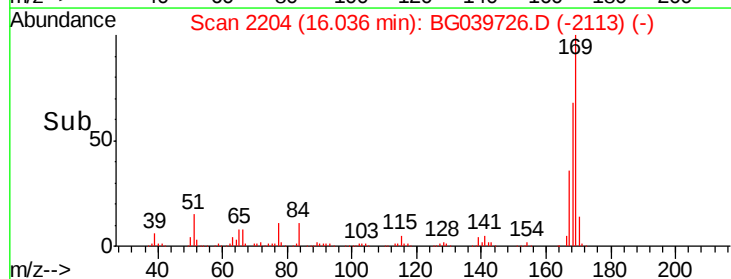
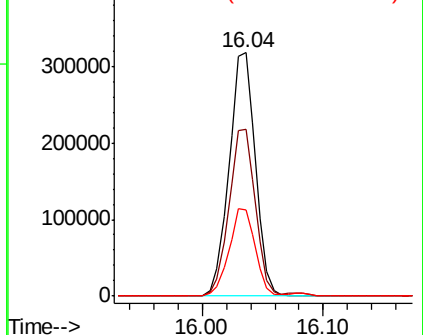
167 35.5 28.0 42.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

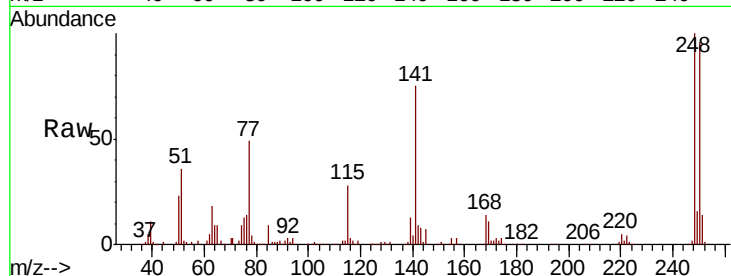




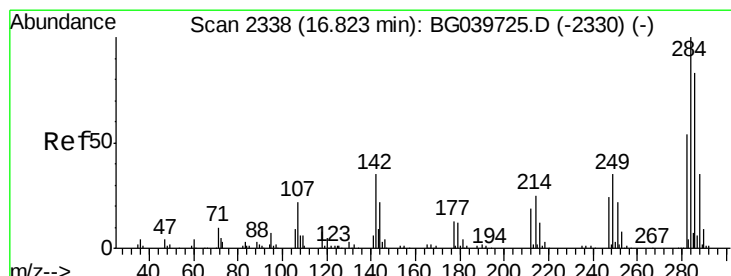
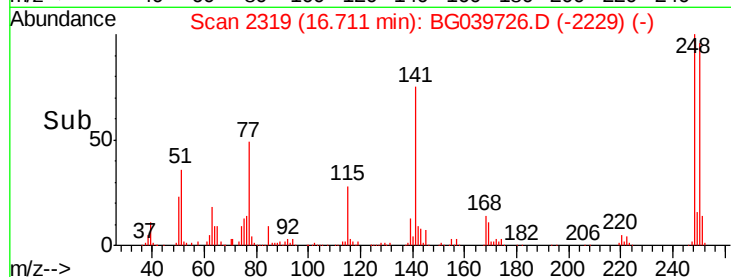
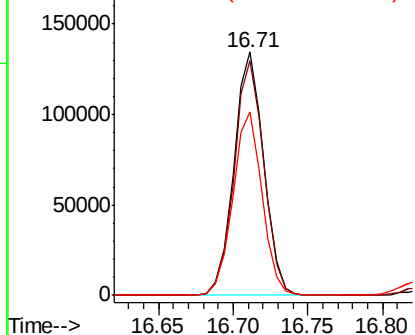
#67
 4-Bromophenyl-phenylether
 Concen: 51.038 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 186202
 Ion Ratio Lower Upper
 248 100
 250 96.5 75.2 112.8
 141 75.2 55.8 83.6

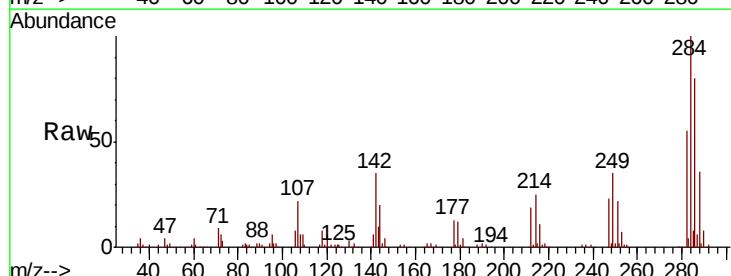


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

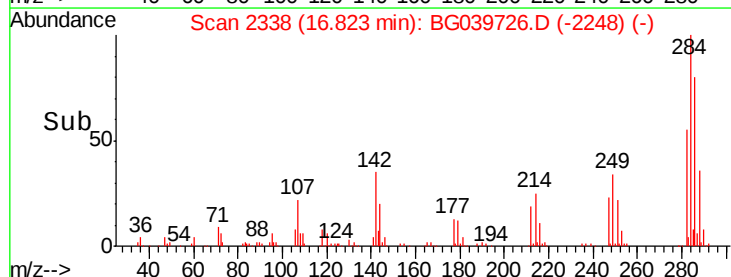
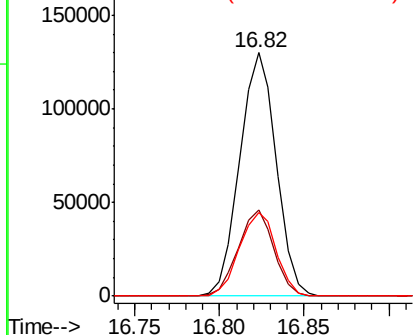


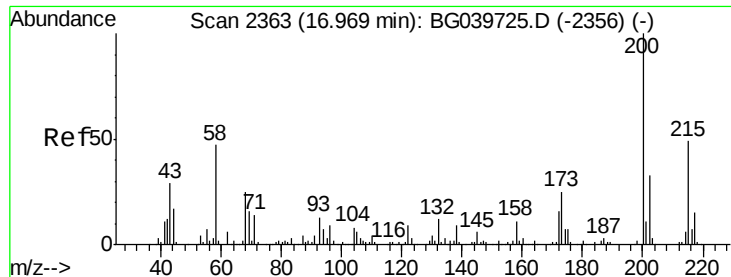
#68
 Hexachlorobenzene
 Concen: 53.221 ng
 RT: 16.82 min Scan# 2338
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion:284 Resp: 194808
 Ion Ratio Lower Upper
 284 100
 142 35.2 28.2 42.2
 249 34.6 28.2 42.4



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





#69

Atrazine

Concen: 52.362 ng

RT: 16.97 min Scan# 2363

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

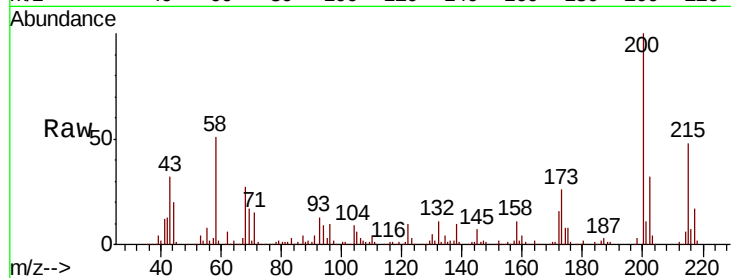
Tot Ion:200 Resp: 191344

Ion Ratio Lower Upper

200 100

173 25.5 4.8 44.8

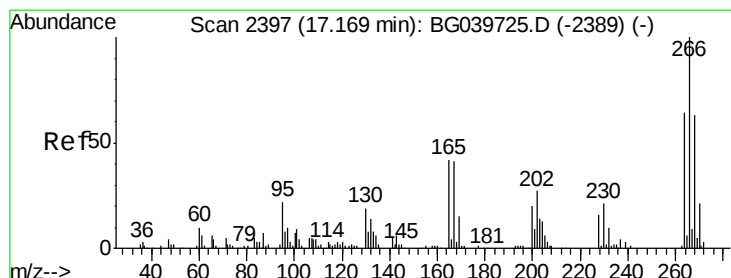
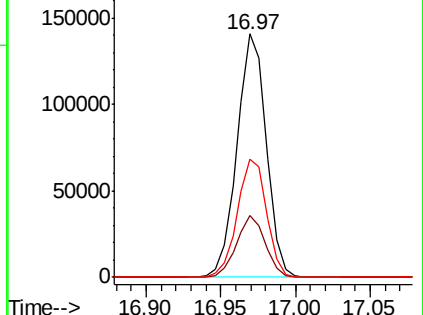
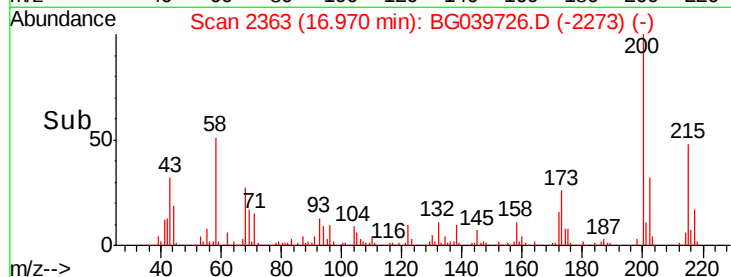
215 48.4 29.1 69.1



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 49.994 ng

RT: 17.17 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

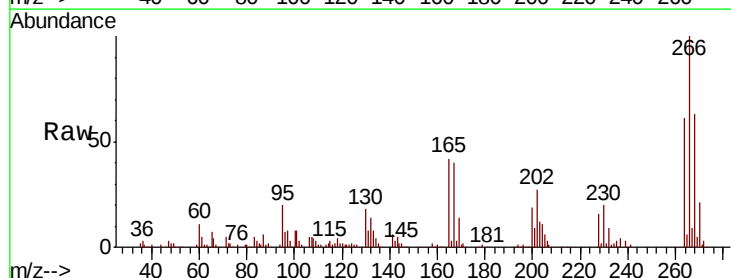
Tgt Ion:266 Resp: 127185

Ion Ratio Lower Upper

266 100

268 62.6 50.5 75.7

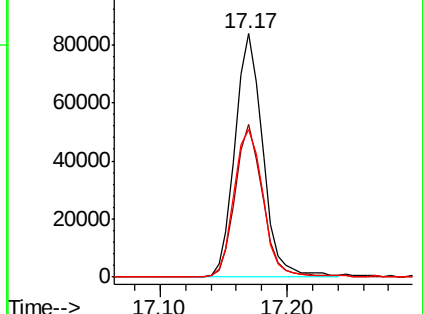
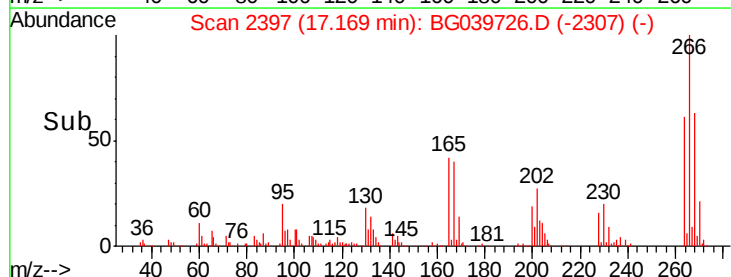
264 60.7 51.3 76.9

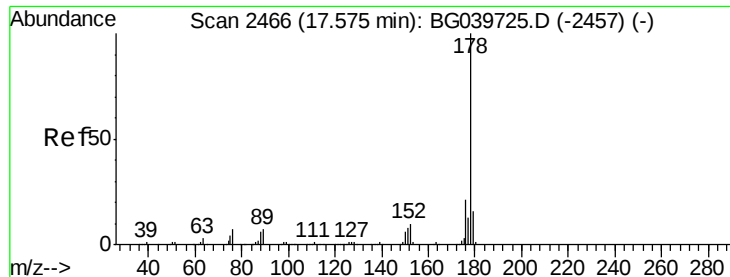


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

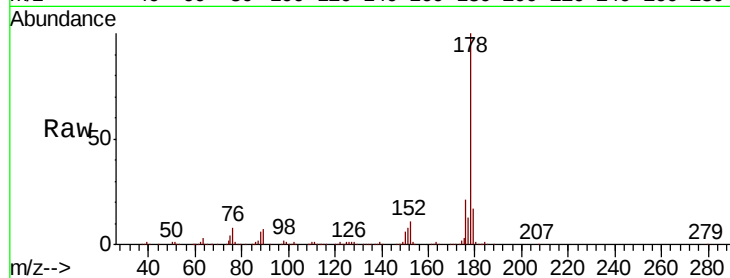




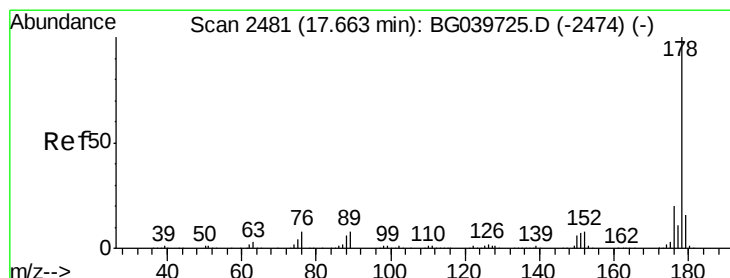
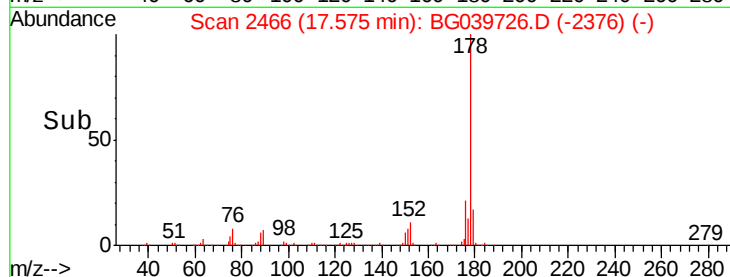
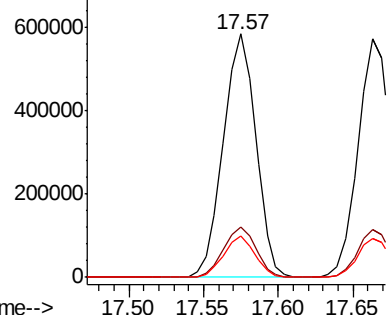
#71
 Phenanthrene
 Concen: 51.888 ng
 RT: 17.57 min Scan# 2466
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:178 Resp: 883171
 Ion Ratio Lower Upper
 178 100
 176 20.7 16.5 24.7
 179 16.9 12.8 19.2

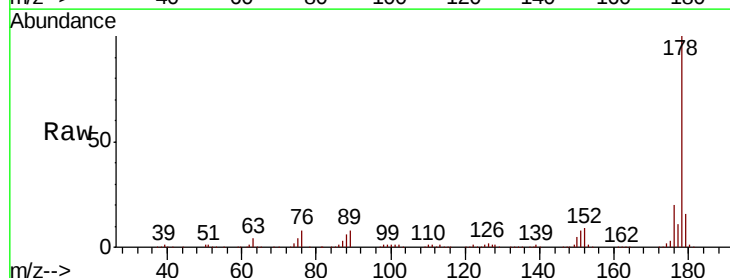


Abundance Ion 178.00 (177.70 to 178.70): E
 800000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

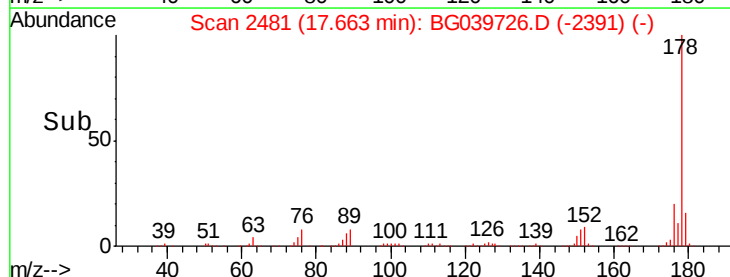
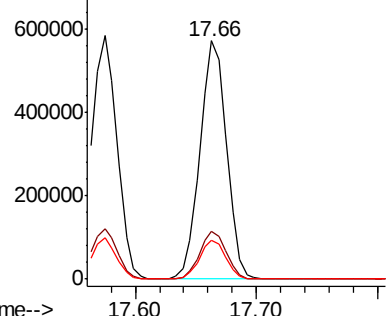


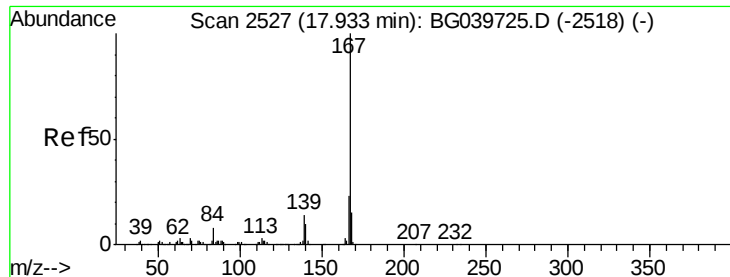
#72
 Anthracene
 Concen: 52.317 ng
 RT: 17.66 min Scan# 2481
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion:178 Resp: 877130
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.7 23.5
 179 16.5 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
 800000 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

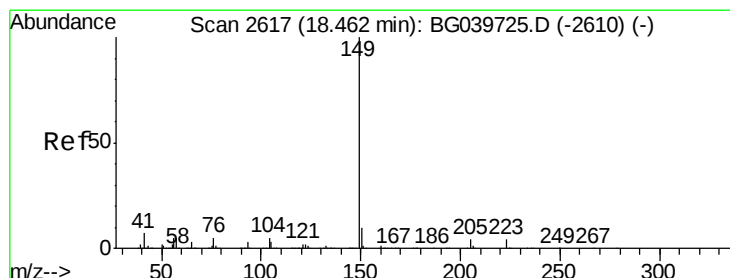
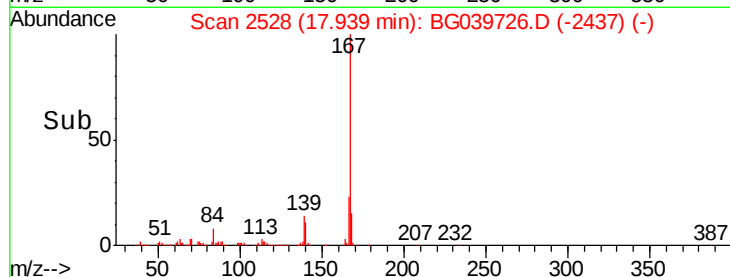
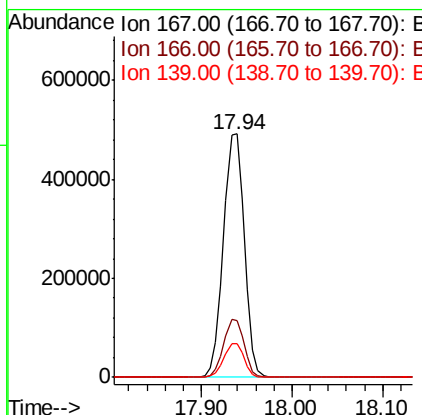
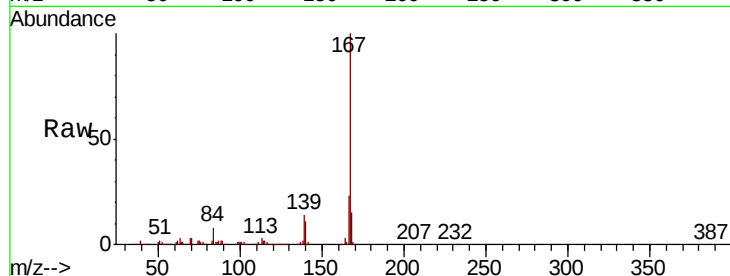




#73
 Carbazole
 Concen: 47.104 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. 0.01 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

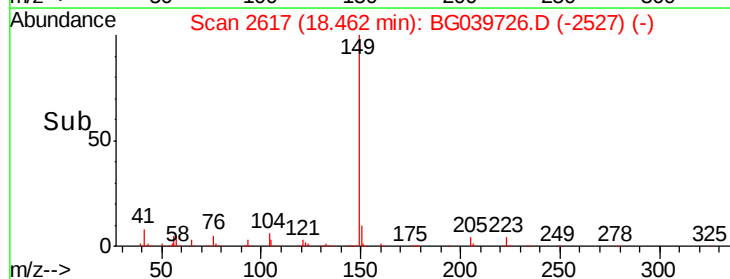
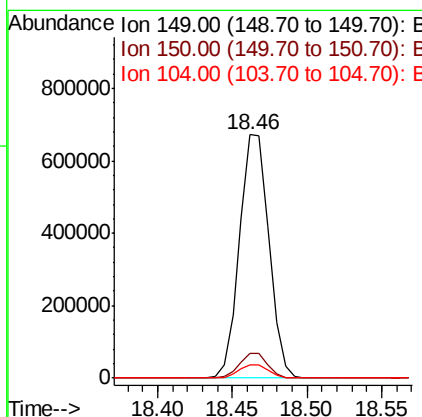
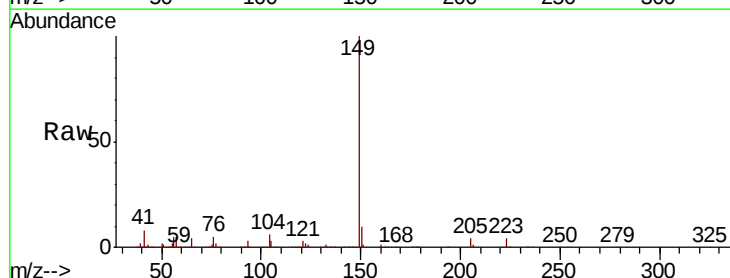
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.4	27.6
139	14.1	11.0	16.4



#74
 Di-n-butylphthalate
 Concen: 47.200 ng
 RT: 18.46 min Scan# 2617
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.0	8.0	12.0
104	5.6	4.1	6.1





#75

Fluoranthene

Concen: 52.426 ng

RT: 19.57 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampleId :

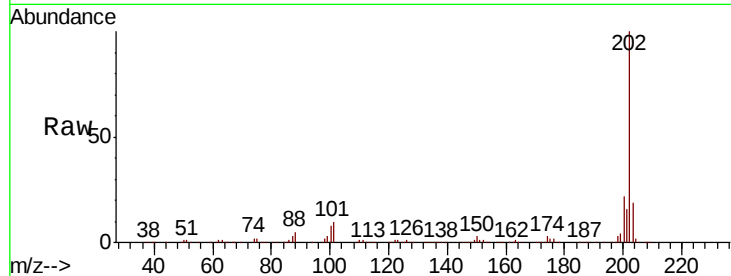
Tot Ion:202 Resp: 1035716

Ion Ratio Lower Upper

202 100

101 9.7 0.0 29.6

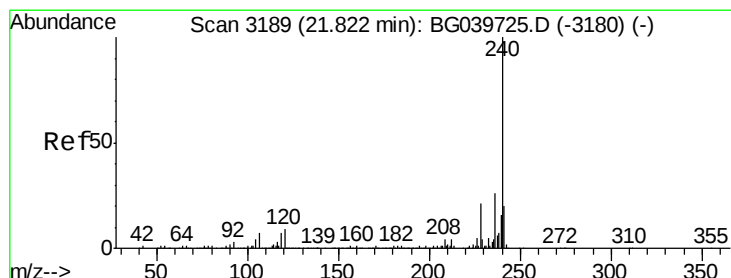
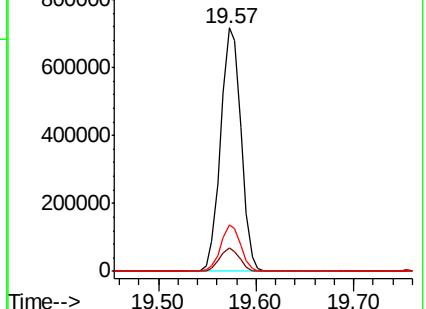
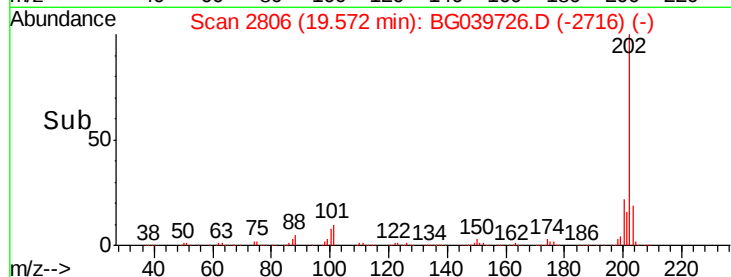
203 19.2 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

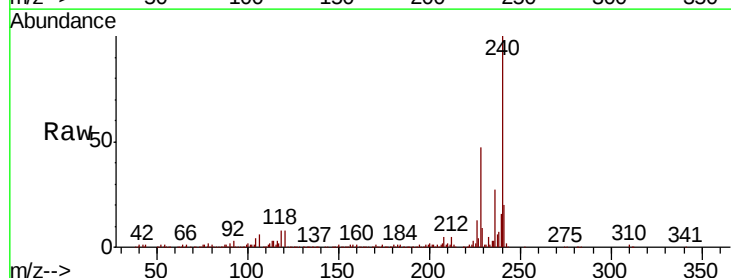
Tgt Ion:240 Resp: 323005

Ion Ratio Lower Upper

240 100

120 7.9 6.9 10.3

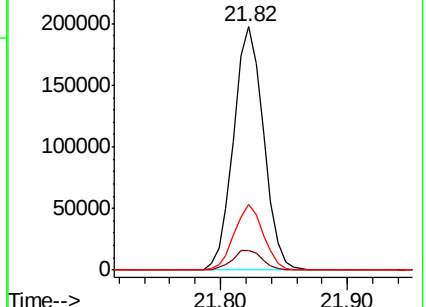
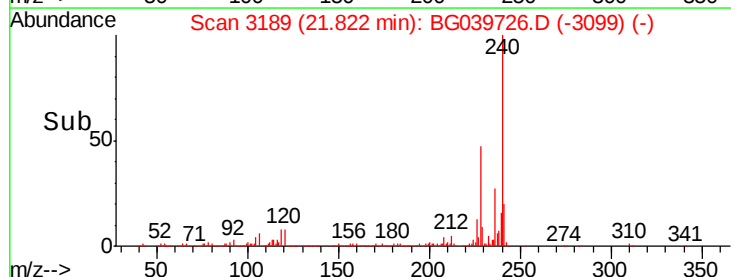
236 26.8 20.9 31.3

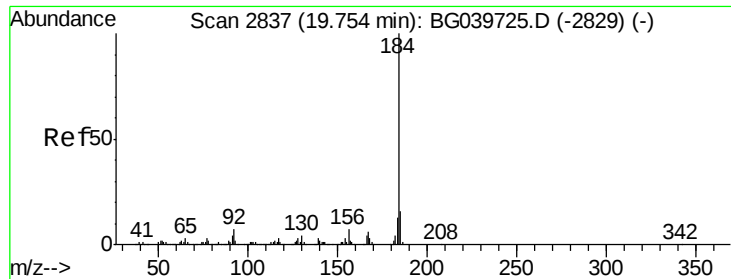


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

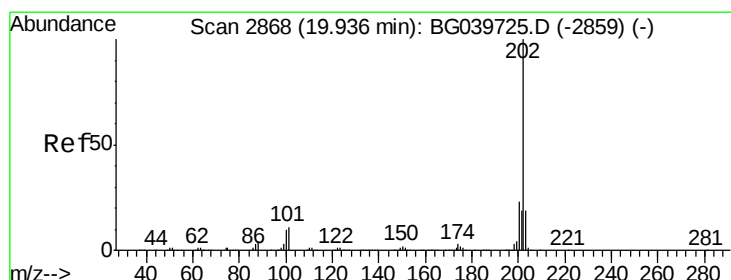
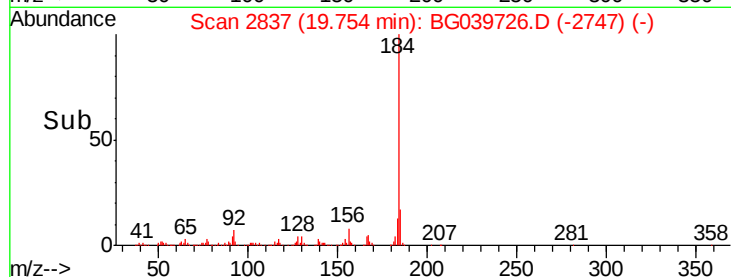
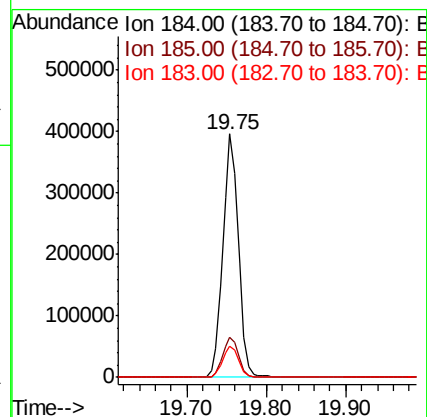
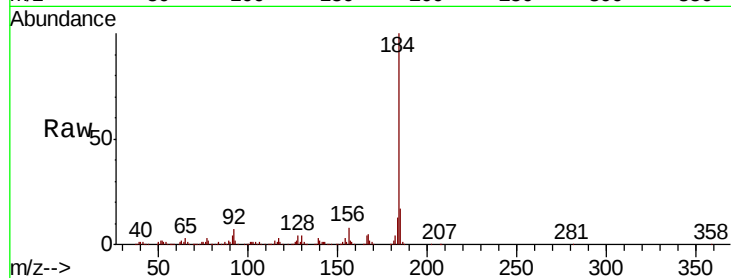




#77
Benzidine
Concen: 50.826 ng
RT: 19.75 min Scan# 2837
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

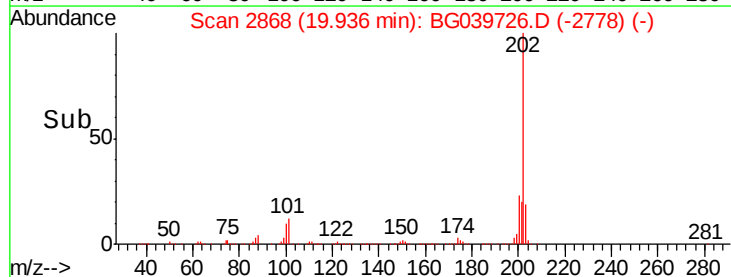
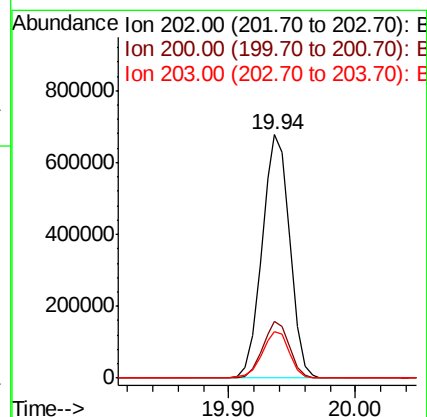
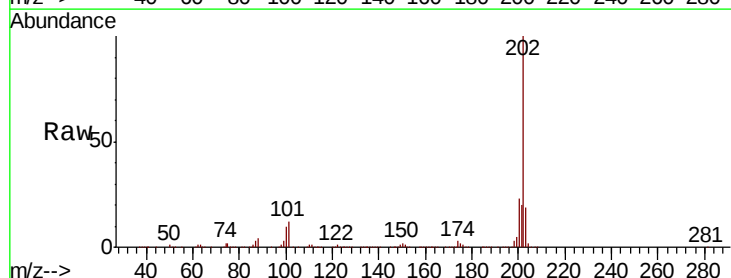
Instrument :
BNA_G
ClientSampleId :

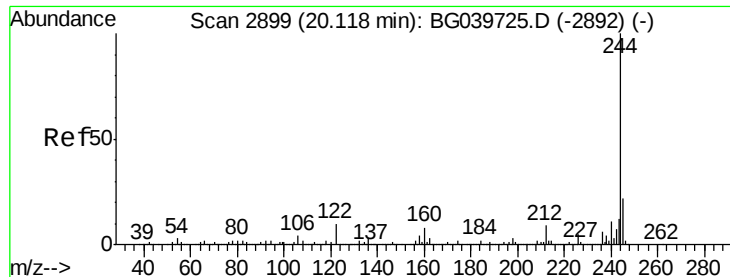
Tot Ion:184 Resp: 538244
Ion Ratio Lower Upper
184 100
185 16.7 13.1 19.7
183 12.6 10.5 15.7



#78
Pyrene
Concen: 51.218 ng
RT: 19.94 min Scan# 2868
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:202 Resp: 1029891
Ion Ratio Lower Upper
202 100
200 23.5 18.1 27.1
203 19.3 14.9 22.3

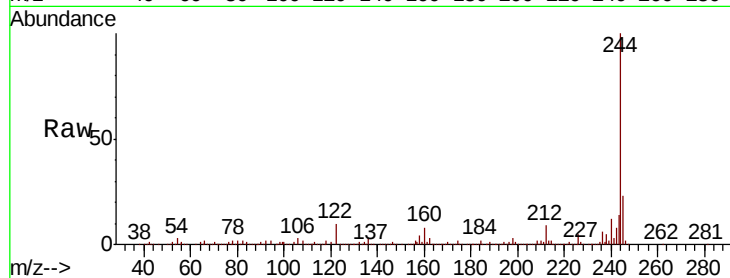




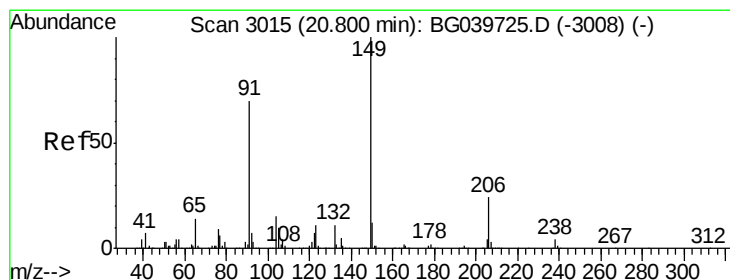
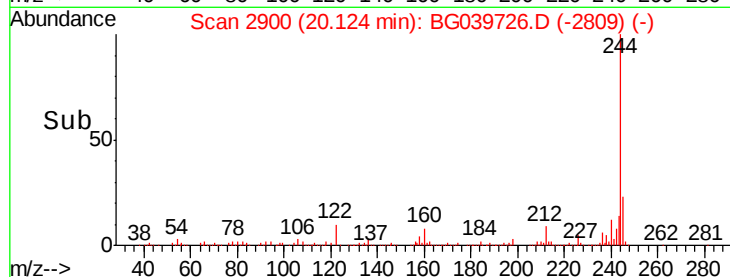
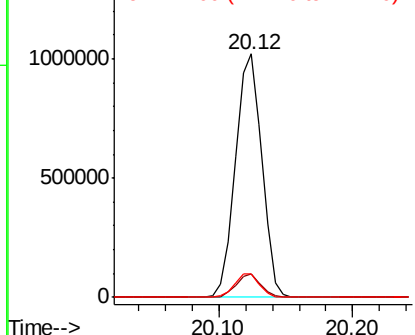
#79
 Terphenyl-d14
 Concen: 91.697 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. 0.01 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 1399296
 Ion Ratio Lower Upper
 244 100
 212 9.5 7.4 11.0
 122 9.9 7.8 11.6

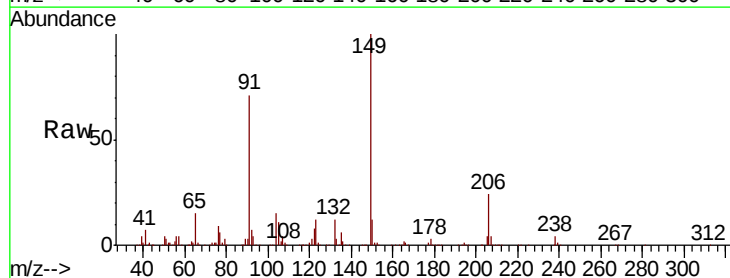


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

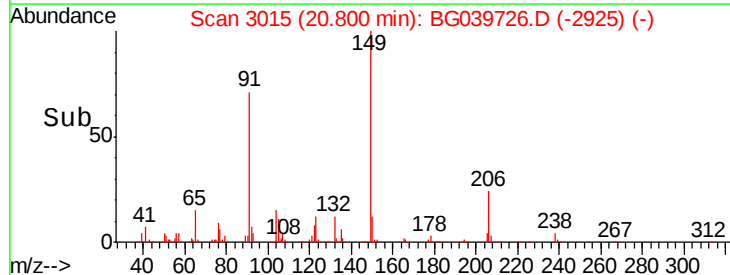
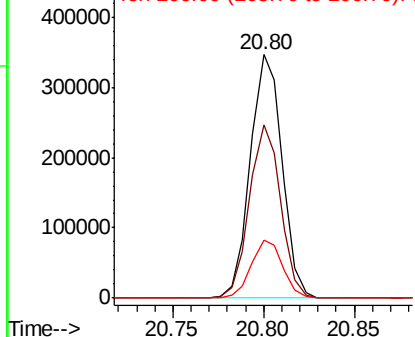


#80
 Butylbenzylphthalate
 Concen: 50.210 ng
 RT: 20.80 min Scan# 3015
 Delta R.T. 0.00 min
 Lab File: BG039726.D
 Acq: 4 Mar 2019 11:40

Tgt Ion:149 Resp: 425896
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.1 84.1
 206 23.8 19.0 28.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BG
 Ion 206.00 (205.70 to 206.70): E

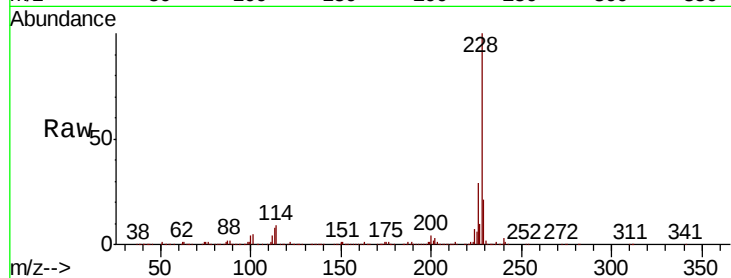




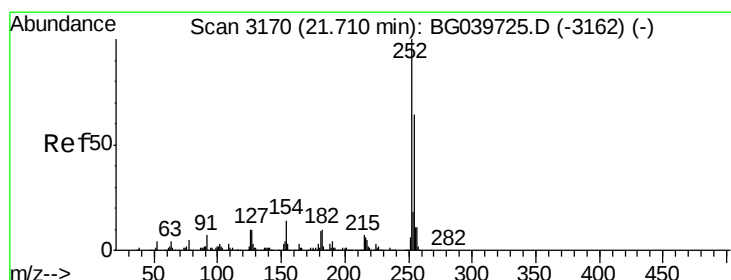
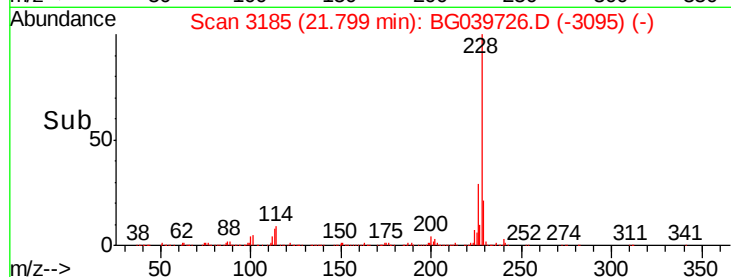
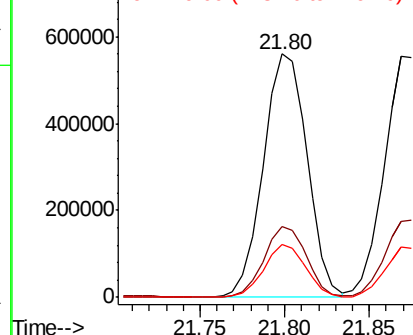
#81
Benzo(a)anthracene
Concen: 52.533 ng
RT: 21.80 min Scan# 3185
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:228 Resp: 1002649
Ion Ratio Lower Upper
228 100
226 28.9 23.0 34.4
229 21.5 17.0 25.4

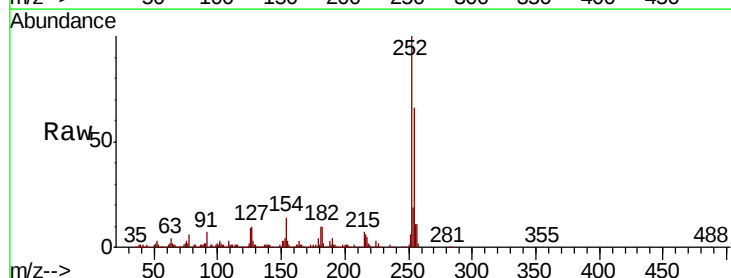


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

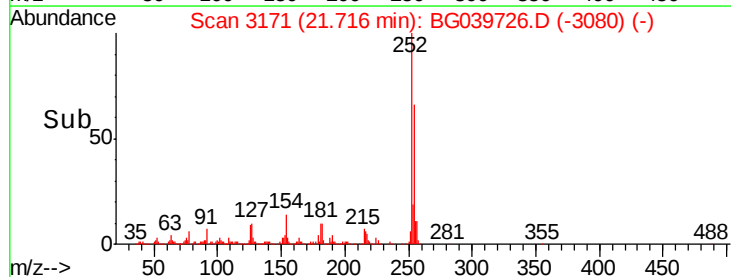
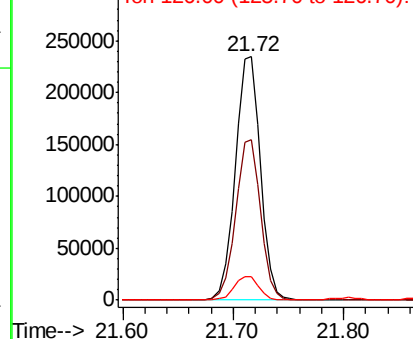


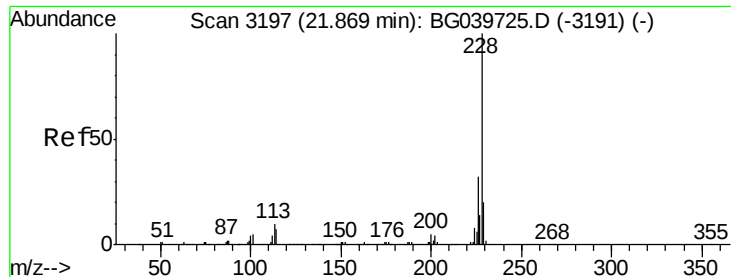
#82
3,3'-Dichlorobenzidine
Concen: 52.993 ng
RT: 21.72 min Scan# 3171
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:252 Resp: 375031
Ion Ratio Lower Upper
252 100
254 65.9 51.5 77.3
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: 53.147 ng

RT: 21.87 min Scan# 3197

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Instrument :

BNA_G

ClientSampled :

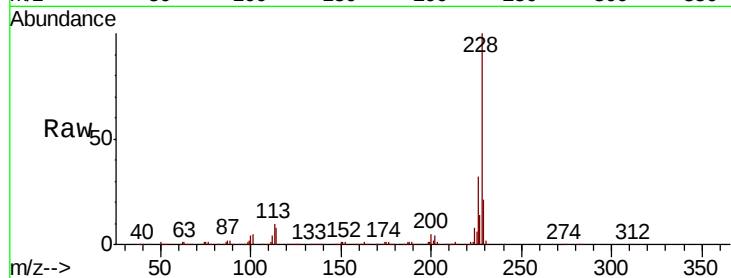
Tot Ion:228 Resp: 965611

Ion Ratio Lower Upper

228 100

226 31.6 25.3 37.9

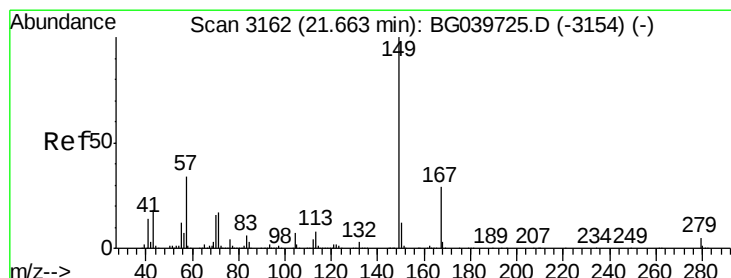
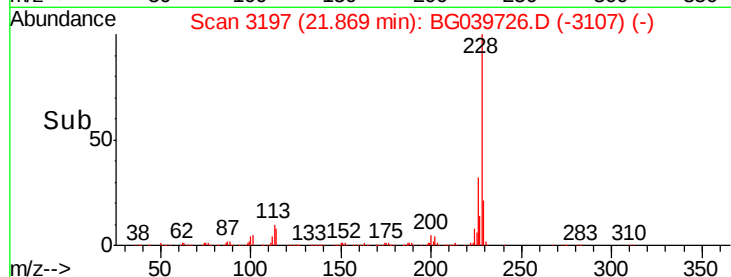
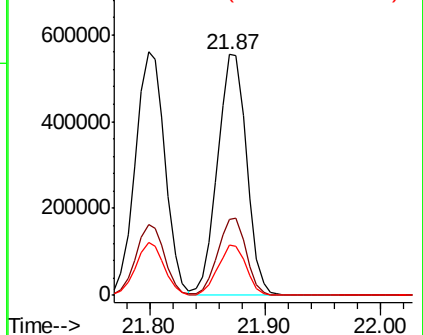
229 21.2 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.821 ng

RT: 21.66 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

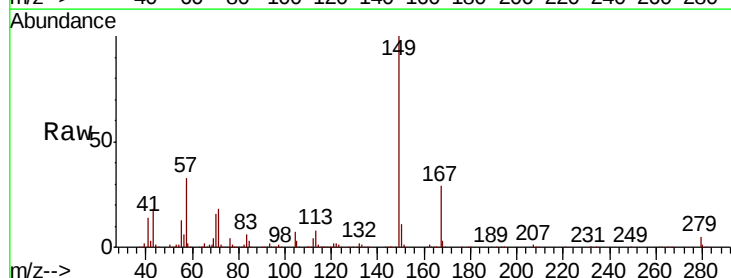
Tgt Ion:149 Resp: 590791

Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.6

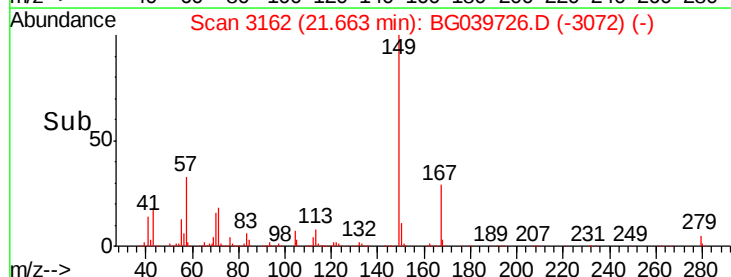
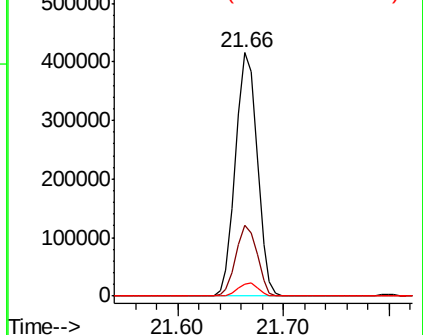
279 4.8 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

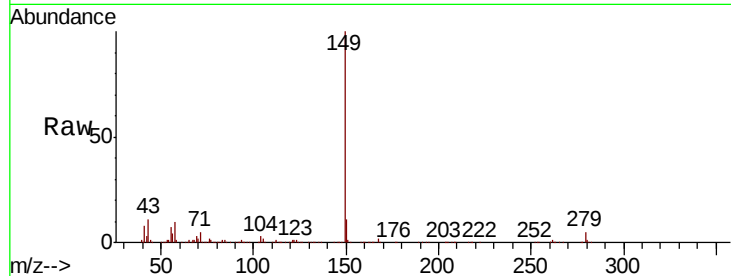




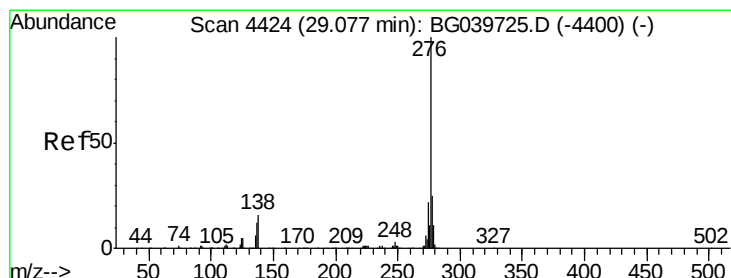
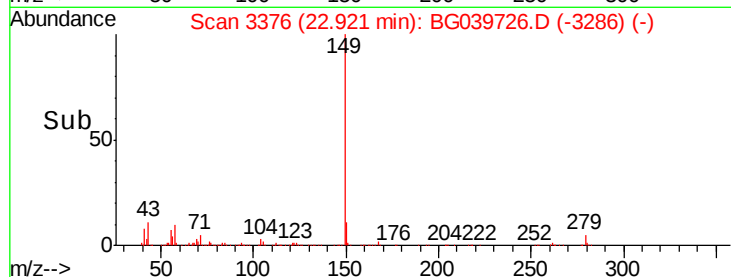
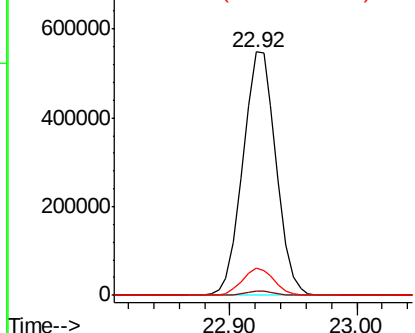
#85
Di-n-octyl phthalate
Concen: 49.711 ng
RT: 22.92 min Scan# 3376
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.8	8.5	12.7

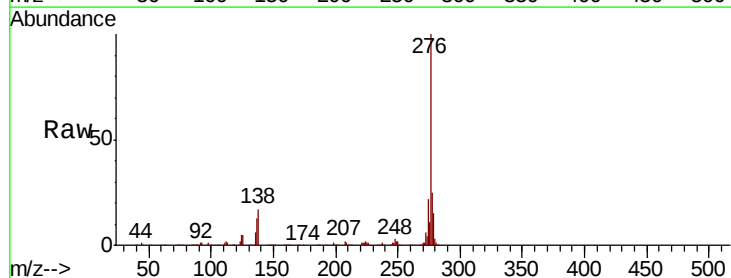


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

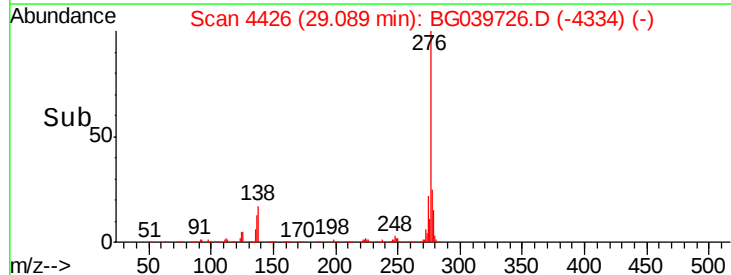
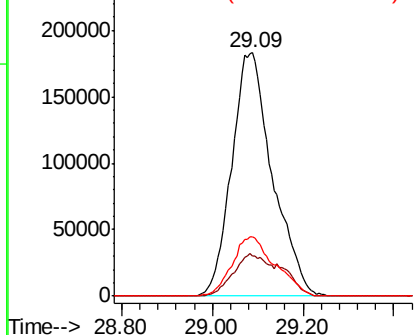


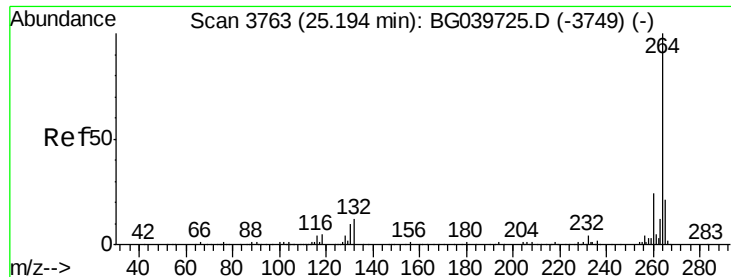
#86
Indeno(1,2,3-cd)pyrene
Concen: 58.628 ng
RT: 29.09 min Scan# 4426
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.0	12.2	18.2
277	25.9	20.5	30.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.20 min Scan# 3764

Delta R.T. 0.01 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

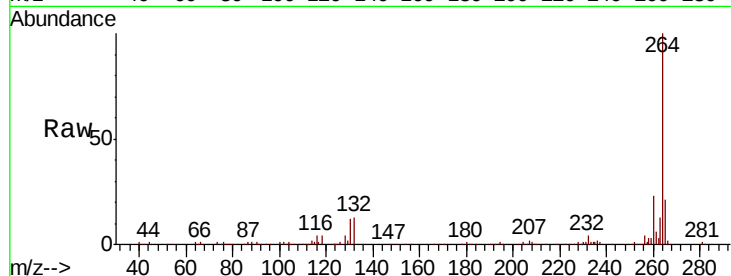
Instrument :

BNA_G

ClientSampled :

Tot Ion:264 Resp: 335263

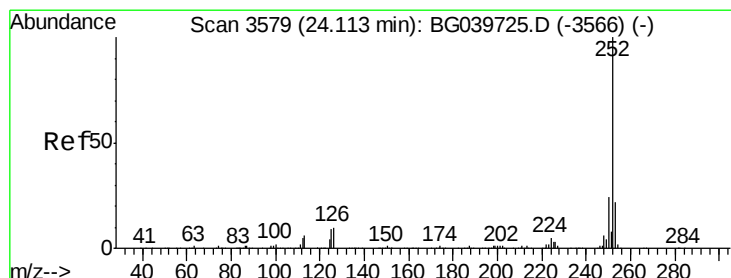
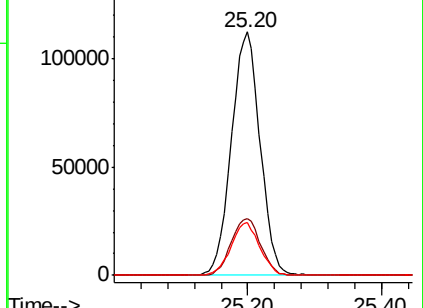
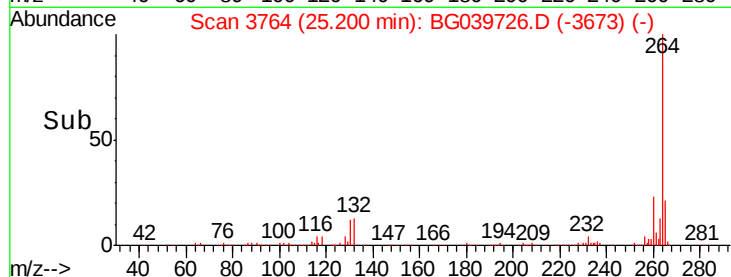
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	16.6	25.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 54.083 ng

RT: 24.11 min Scan# 3579

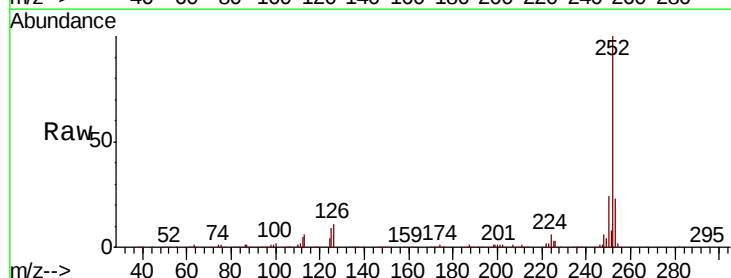
Delta R.T. 0.00 min

Lab File: BG039726.D

Acq: 4 Mar 2019 11:40

Tgt Ion:252 Resp: 988833

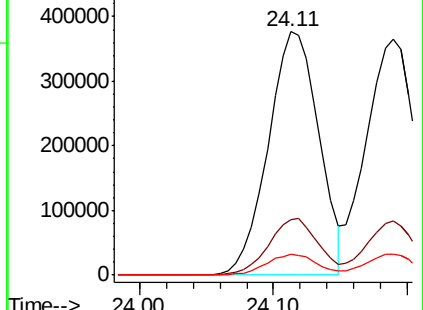
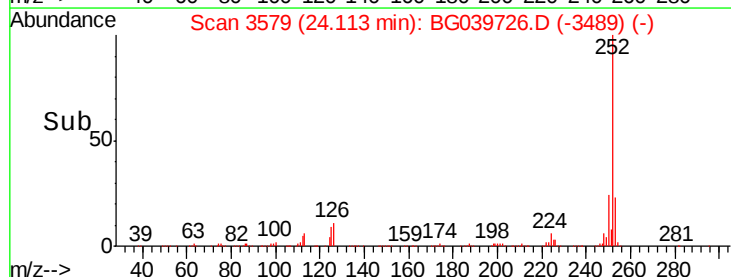
Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	8.7	6.9	10.3

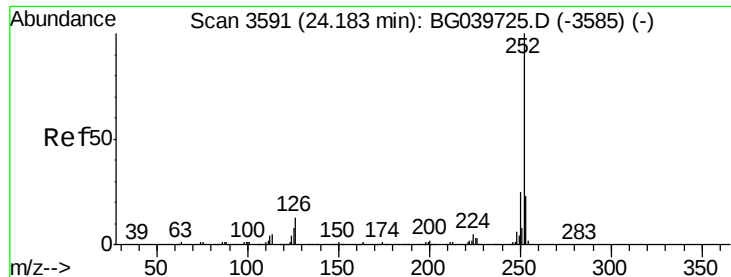


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

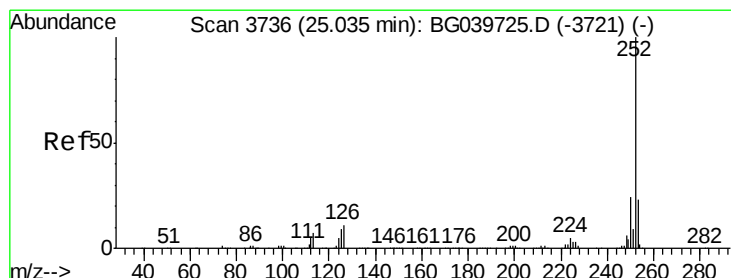
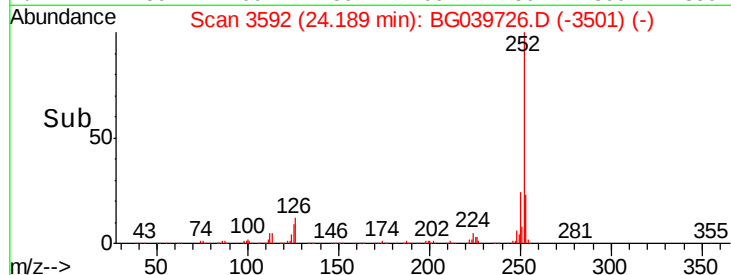
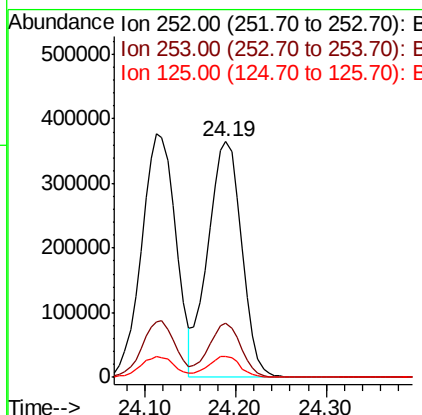
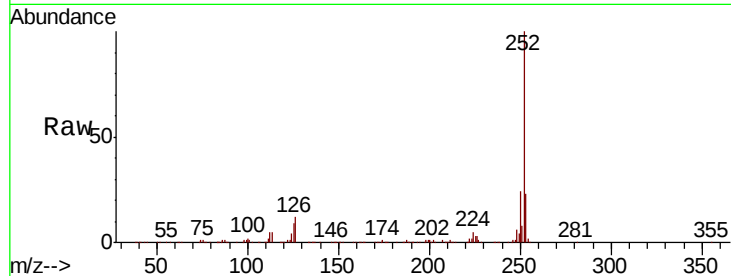




#89
Benzo(k)fluoranthene
Concen: 51.303 ng
RT: 24.19 min Scan# 3592
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

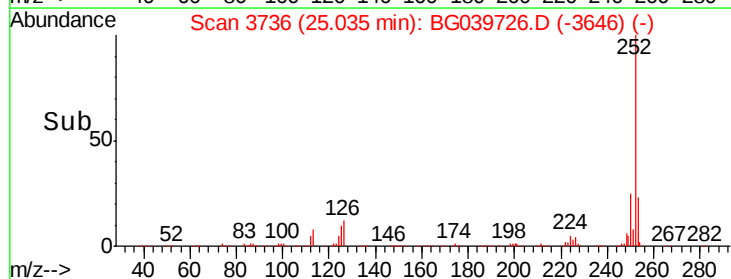
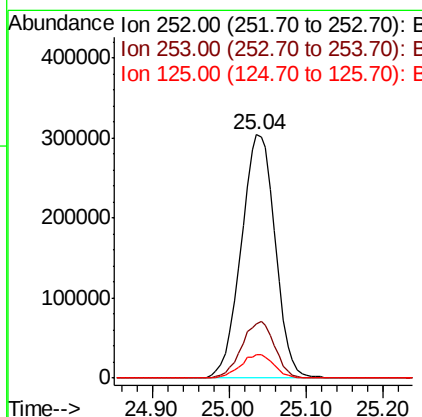
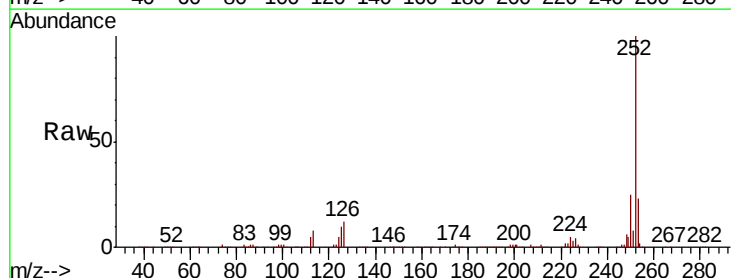
Instrument :
BNA_G
ClientSampled :

Tot Ion:252 Resp: 941736
Ion Ratio Lower Upper
252 100
253 22.8 18.3 27.5
125 9.1 6.5 9.7



#90
Benzo(a)pyrene
Concen: 53.152 ng
RT: 25.04 min Scan# 3736
Delta R.T. 0.00 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion:252 Resp: 935936
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 9.8 7.4 11.2

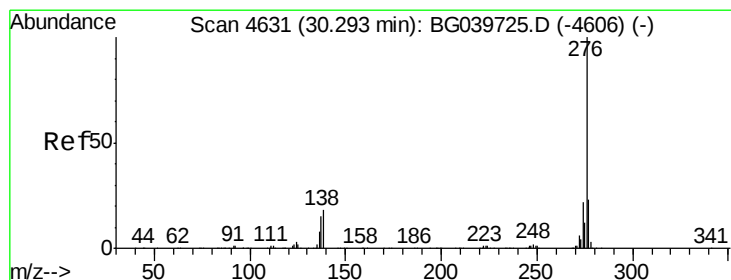
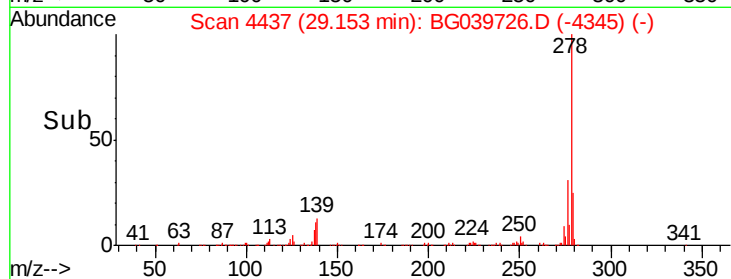
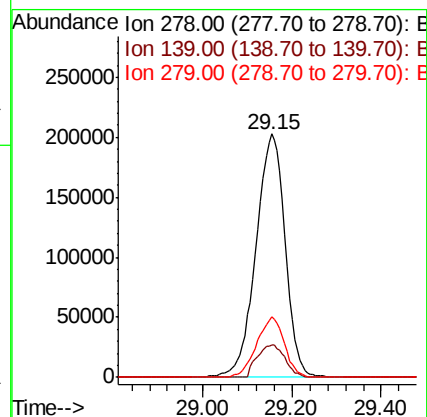
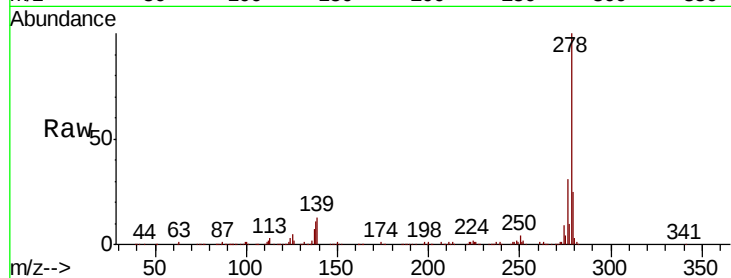




#91
Dibenzo(a,h)anthracene
Concen: 55.387 ng
RT: 29.15 min Scan# 4437
Delta R.T. 0.01 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.4	10.5	15.7
279	24.7	20.2	30.4



#92
Benzo(g,h,i)perylene
Concen: 55.777 ng
RT: 30.32 min Scan# 4635
Delta R.T. 0.02 min
Lab File: BG039726.D
Acq: 4 Mar 2019 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	19.0	14.4	21.6

