

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
 Data File : BG040042.D
 Acq On : 20 Mar 2019 19:03
 Operator : JU/SJ
 Sample : PB118078BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 21 09:29:08 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	35707	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	161441	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108686	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	276069	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	269992	20.00	ng	-0.03
87) Perylene-d12	25.15	264	251480	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	314180	150.11	ng	-0.02
7) Phenol-d6	7.29	99	441593	141.50	ng	-0.02
23) Nitrobenzene-d5	9.32	82	247609	82.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	178198	140.67	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	593646	77.77	ng	-0.02
79) Terphenyl-d14	20.11	244	1000276	81.57	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.57	88	29125	30.141	ng	99
3) Pyridine	3.98	79	80888	31.268	ng	95
4) n-Nitrosodimethylamine	3.90	42	46232	37.672	ng	# 87
6) Aniline	7.47	93	128719	31.482	ng	100
8) 2-Chlorophenol	7.71	128	111391	43.868	ng	97
9) Benzaldehyde	7.28	77	44460	22.085	ng	97
10) Phenol	7.32	94	150302	44.457	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	107669	40.847	ng	99
12) 1,3-Dichlorobenzene	8.03	146	114577	39.897	ng	98
13) 1,4-Dichlorobenzene	8.18	146	117192	40.063	ng	97
14) 1,2-Dichlorobenzene	8.49	146	113708	40.233	ng	98
15) Benzyl Alcohol	8.38	79	103755	41.911	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.66	45	212724	40.350	ng	100
17) 2-Methylphenol	8.58	107	97825	45.379	ng	97
18) Hexachloroethane	9.23	117	41548	39.585	ng	93
19) n-Nitroso-di-n-propylamine	8.95	70	87454	38.933	ng	# 95
20) 3+4-Methylphenols	8.90	107	135192	45.142	ng	98
22) Acetophenone	8.97	105	168806	38.958	ng	# 94
24) Nitrobenzene	9.36	77	133450	42.616	ng	94
25) Isophorone	9.87	82	251406	40.196	ng	99
26) 2-Nitrophenol	10.07	139	66048	43.684	ng	# 96
27) 2,4-Dimethylphenol	10.11	122	115045	48.925	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	153679	40.432	ng	98
29) 2,4-Dichlorophenol	10.60	162	122520	46.278	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	124097	41.655	ng	99
31) Naphthalene	11.01	128	352970	41.295	ng	100
32) Benzoic acid	10.25	122	54599	35.767	ng	88
33) 4-Chloroaniline	11.12	127	82219	22.684	ng	98
34) Hexachlorobutadiene	11.27	225	82678	40.613	ng	99
35) Caprolactam	11.91	113	23486	23.223	ng	94
36) 4-Chloro-3-methylphenol	12.23	107	129575	42.695	ng	95
37) 2-Methylnaphthalene	12.61	142	267974	41.934	ng	97
38) 1-Methylnaphthalene	12.82	142	256775	41.347	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	149638	40.640	ng	99

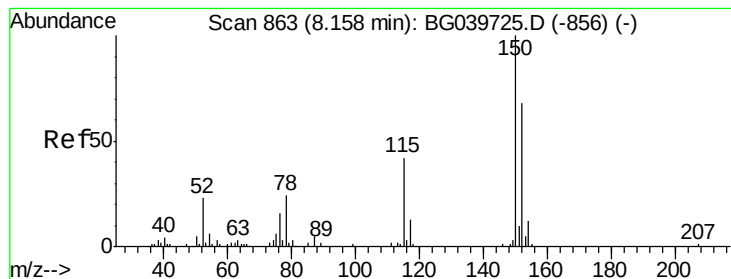
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032019\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	183764	93.130	nq	99
43) 2,4,6-Trichlorophenol	13.20	196	99865	46.327	nq	99
44) 2,4,5-Trichlorophenol	13.28	196	105703	43.503	nq	98
46) 1,1'-Biphenyl	13.60	154	364451	40.770	nq	97
47) 2-Chloronaphthalene	13.65	162	280749	41.747	nq	99
48) 2-Nitroaniline	13.86	65	93912	43.454	nq	93
49) Acenaphthylene	14.50	152	454518	41.171	nq	99
50) Dimethylphthalate	14.21	163	381487	41.976	nq	99
51) 2,6-Dinitrotoluene	14.35	165	85253	44.249	nq	95
52) Acenaphthene	14.83	154	276646	41.635	nq	99
53) 3-Nitroaniline	14.68	138	55729	28.775	nq	# 91
54) 2,4-Dinitrophenol	14.89	184	127092	102.985	nq	96
55) Dibenzofuran	15.17	168	458025	42.014	nq	99
56) 4-Nitrophenol	14.98	139	142297	82.133	nq	91
57) 2,4-Dinitrotoluene	15.13	165	122630	45.298	nq	87
58) Fluorene	15.81	166	356214	41.565	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109766	46.256	nq	98
60) Diethylphthalate	15.57	149	389142	43.254	nq	99
61) 4-Chlorophenyl-phenylether	15.80	204	190477	41.650	nq	97
62) 4-Nitroaniline	15.85	138	90087	42.907	nq	99
63) Azobenzene	16.09	77	350072	42.926	nq	96
65) 4,6-Dinitro-2-methylphenol	15.89	198	73703	45.153	nq	97
66) n-Nitrosodiphenylamine	16.02	169	336680	42.126	nq	97
67) 4-Bromophenyl-phenylether	16.69	248	125484	40.608	nq	97
68) Hexachlorobenzene	16.81	284	130115	40.621	nq	96
69) Atrazine	16.96	200	126644	40.262	nq	96
70) Pentachlorophenol	17.16	266	160741	79.459	nq	97
71) Phenanthrene	17.56	178	620792	40.825	nq	99
72) Anthracene	17.65	178	626483	42.278	nq	99
73) Carbazole	17.92	167	554357	41.497	nq	98
74) Di-n-butylphthalate	18.44	149	673719	42.864	nq	100
75) Fluoranthene	19.56	202	744663	41.437	nq	97
77) Benzidine	19.74	184	275459	32.151	nq	100
78) Pyrene	19.92	202	737443	42.033	nq	99
80) Butylbenzylphthalate	20.78	149	299683	44.090	nq	97
81) Benzo(a)anthracene	21.78	228	690943	40.833	nq	98
82) 3,3'-Dichlorobenzidine	21.69	252	171283	27.725	nq	99
83) Chrysene	21.85	228	663803	40.464	nq	99
84) Bis(2-ethylhexyl)phthalate	21.64	149	417642	43.725	nq	98
85) Di-n-octyl phthalate	22.89	149	716435	45.300	nq	95
86) Indeno(1,2,3-cd)pyrene	29.02	276	785903	42.230	nq	# 95
88) Benzo(b)fluoranthene	24.08	252	697271	46.496	nq	99
89) Benzo(k)fluoranthene	24.15	252	652855	46.769	nq	99
90) Benzo(a)pyrene	25.00	252	661037	47.703	nq	97
91) Dibenzo(a,h)anthracene	29.09	278	632749	46.576	nq	98
92) Benzo(g,h,i)perylene	30.24	276	646829	47.408	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampled :

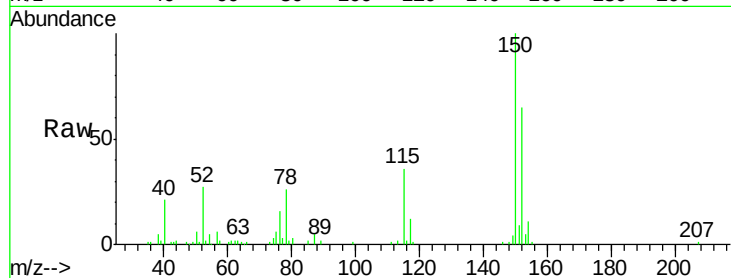
Tot Ion:152 Resp: 35707

Ion Ratio Lower Upper

152 100

150 154.7 123.7 185.5

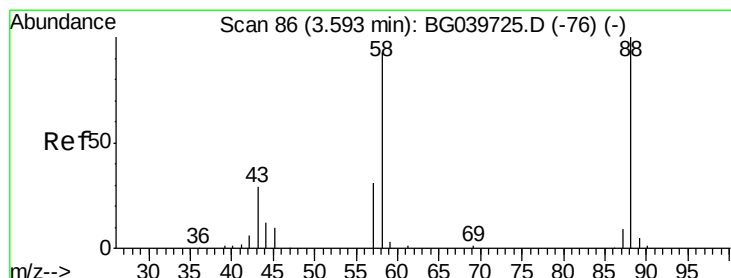
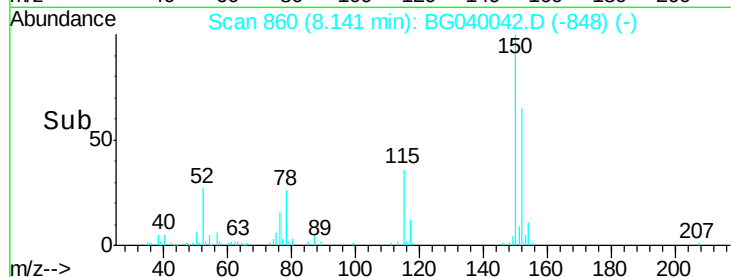
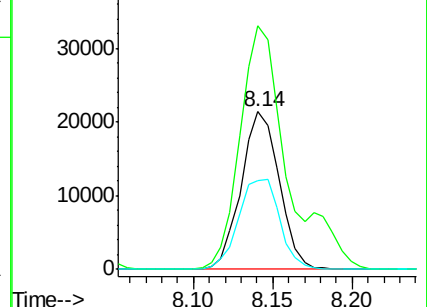
115 56.0 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.141 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.04 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

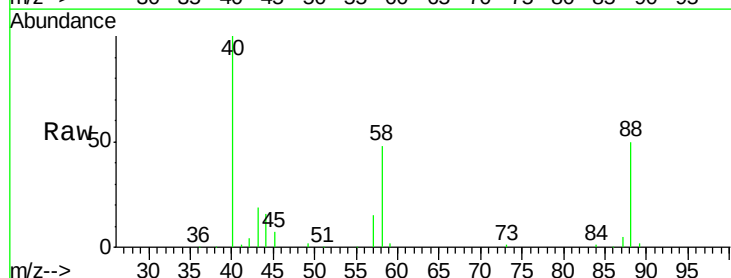
Tgt Ion: 88 Resp: 29125

Ion Ratio Lower Upper

88 100

58 100.7 81.1 121.7

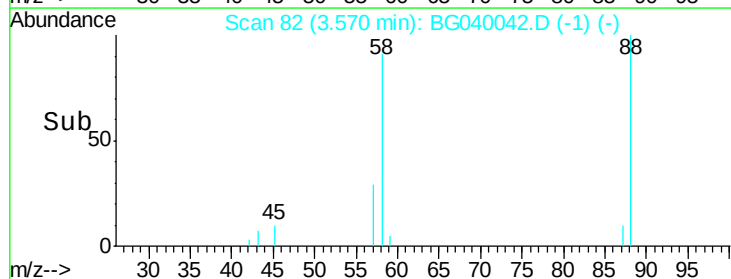
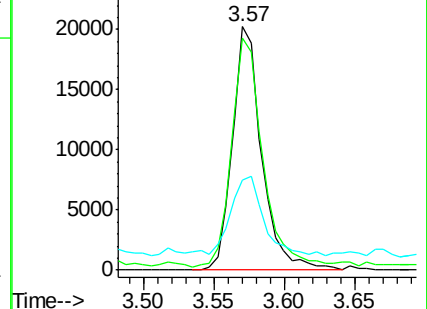
43 37.9 31.4 47.0

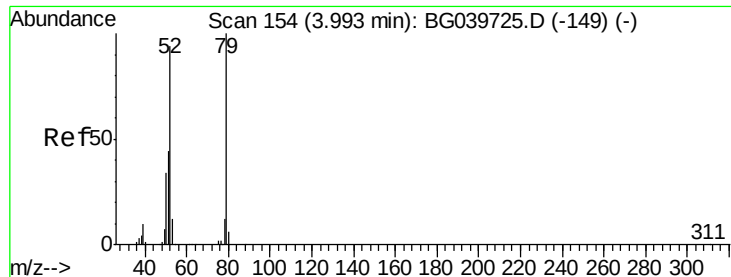


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.268 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.03 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

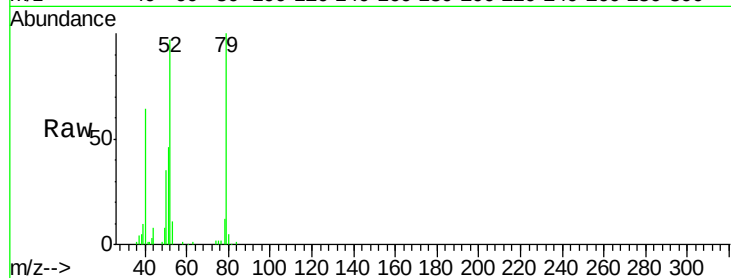
Tot Ion: 79 Resp: 80888

Ion Ratio Lower Upper

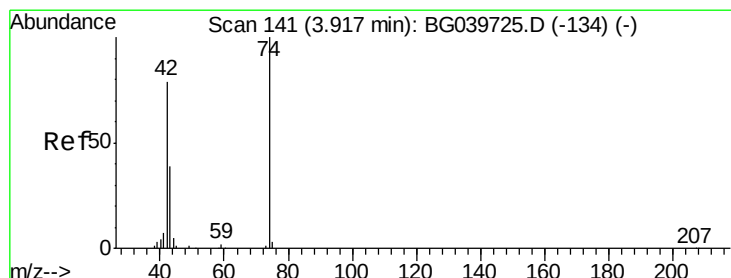
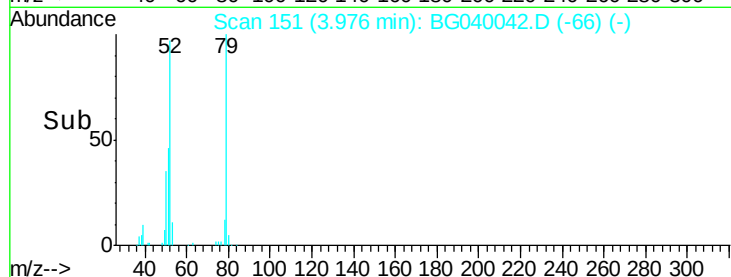
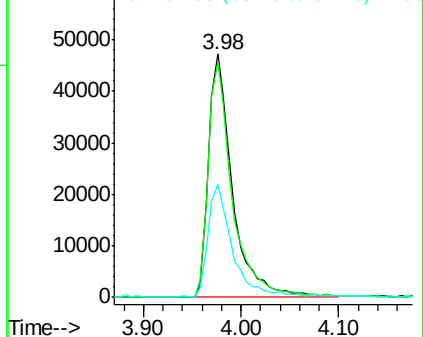
79 100

52 96.6 82.6 124.0

51 46.3 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 37.672 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

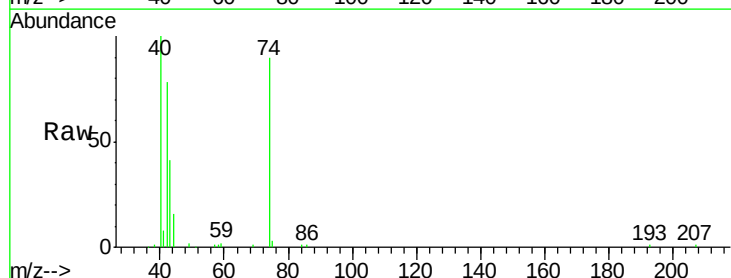
Tgt Ion: 42 Resp: 46232

Ion Ratio Lower Upper

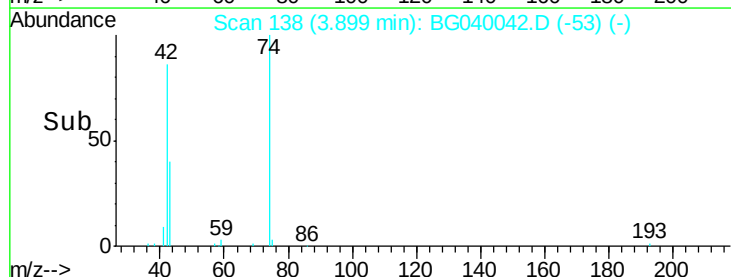
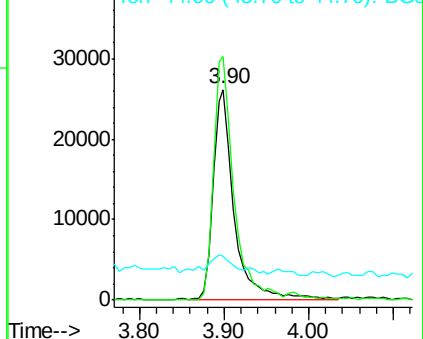
42 100

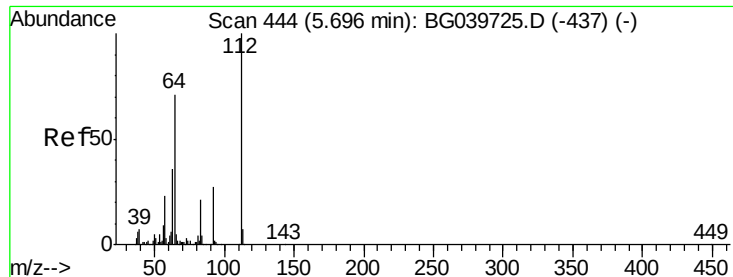
74 115.6 83.6 125.4

44 21.0 6.9 10.3#



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





#5

2-Fluorophenol

Concen: 150.109 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampled :

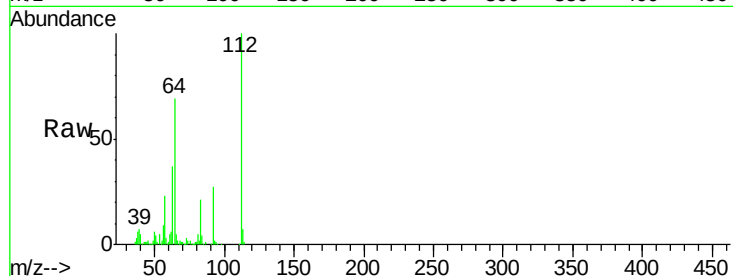
Tot Ion:112 Resp: 314180

Ion Ratio Lower Upper

112 100

64 69.1 57.8 86.8

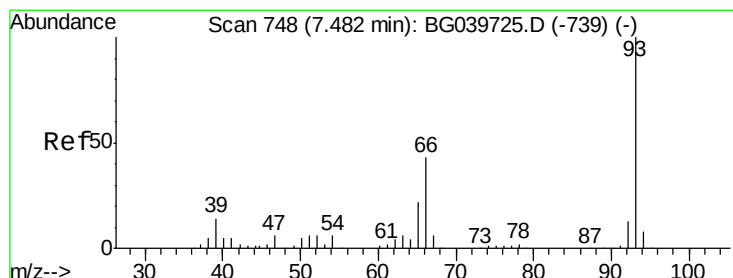
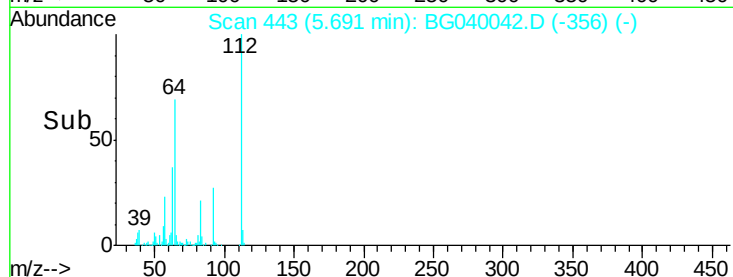
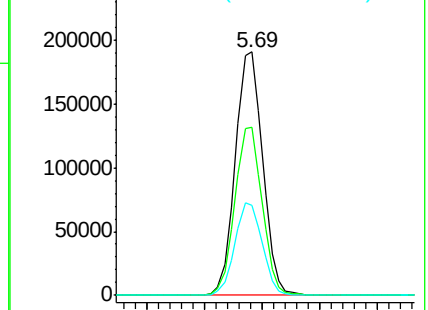
63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.482 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.03 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

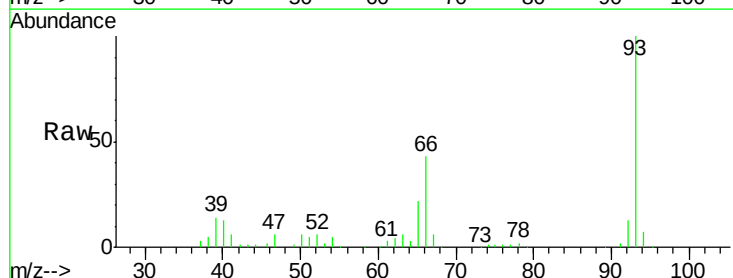
Tgt Ion: 93 Resp: 128719

Ion Ratio Lower Upper

93 100

66 42.9 34.2 51.4

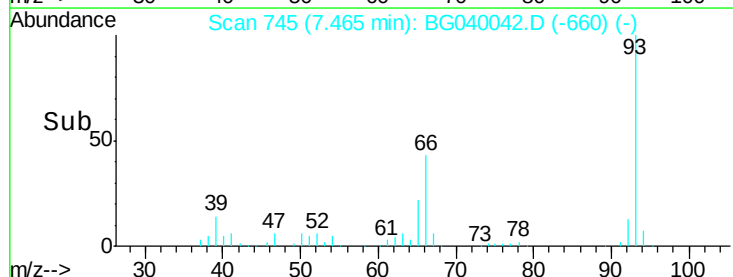
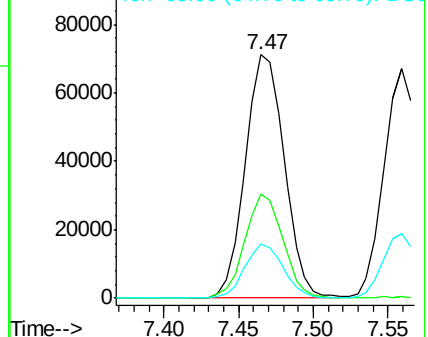
65 22.0 17.7 26.5

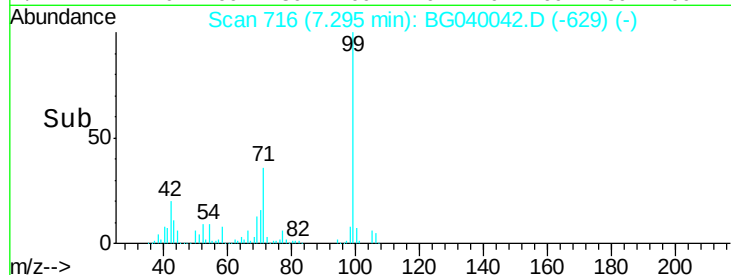
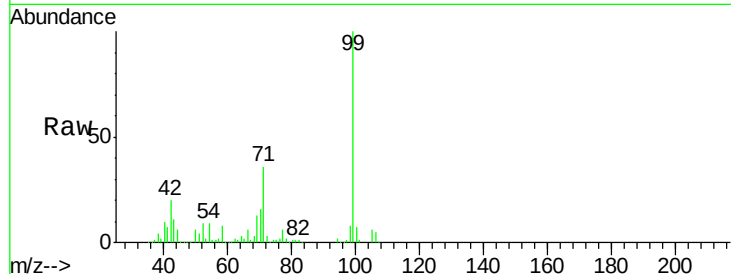
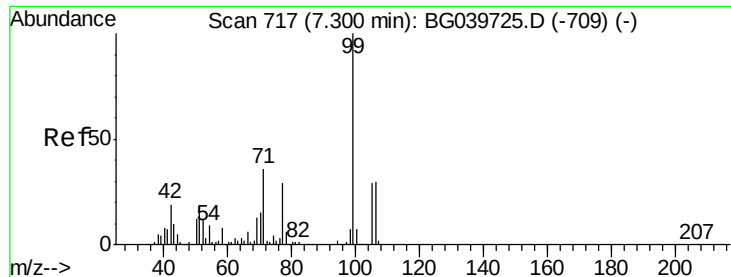


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 141.500 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

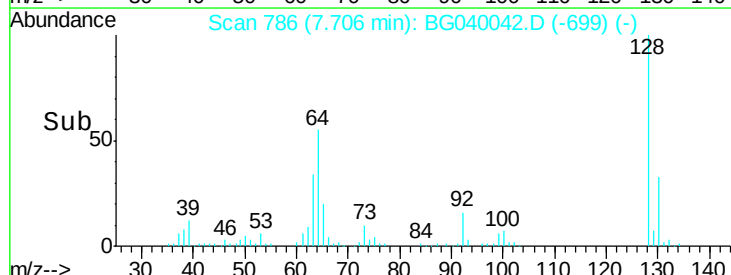
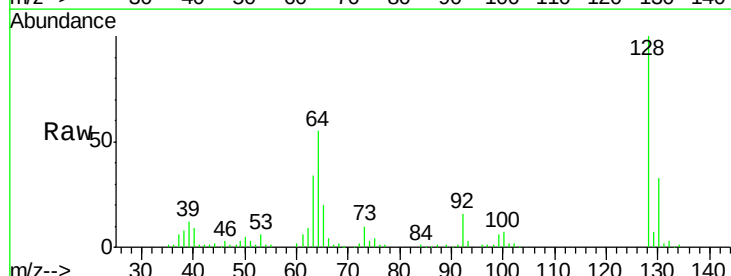
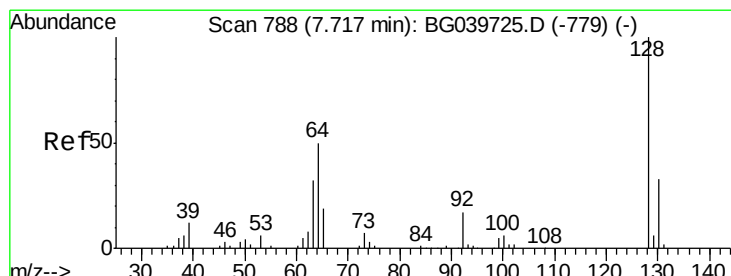
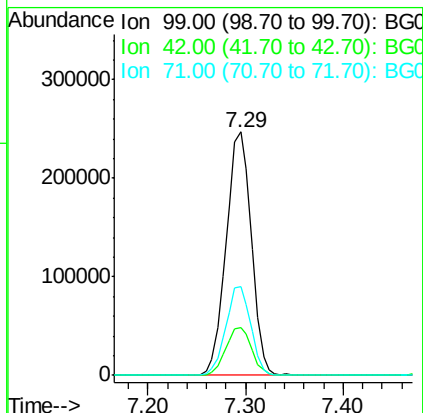
Tot Ion: 99 Resp: 441593

Ion Ratio Lower Upper

99 100

42 19.6 18.2 27.2

71 36.4 28.0 42.0



#8

2-Chlorophenol

Concen: 43.868 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

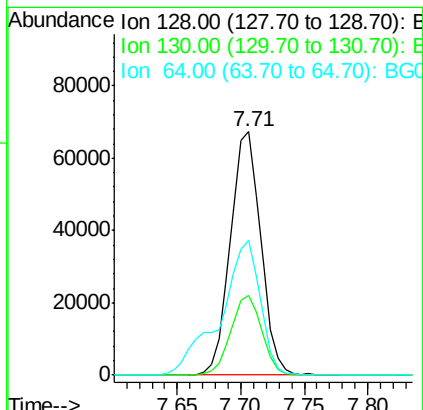
Tgt Ion: 128 Resp: 111391

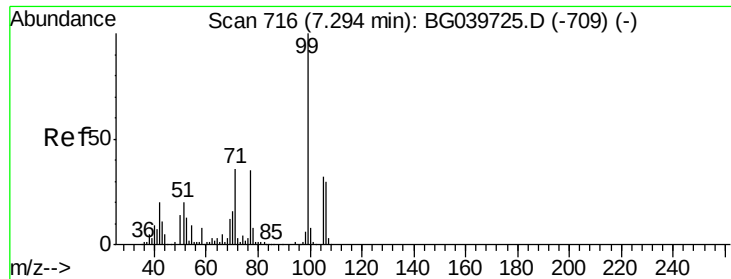
Ion Ratio Lower Upper

128 100

130 32.7 12.9 52.9

64 55.4 38.7 78.7





#9

Benzaldehyde

Concen: 22.085 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

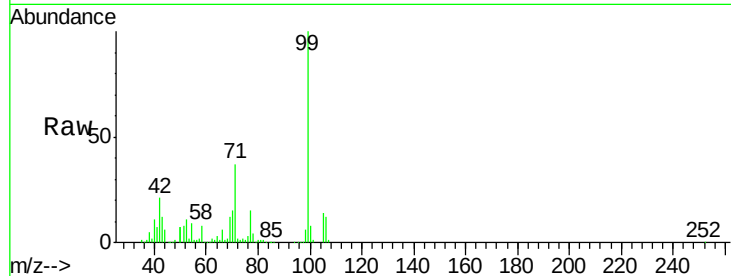
Tot Ion: 77 Resp: 44460

Ion Ratio Lower Upper

77 100

105 95.3 74.5 114.5

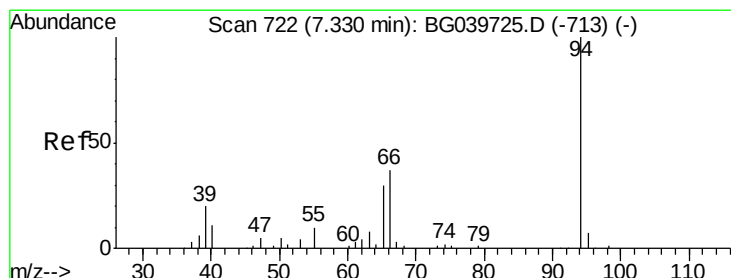
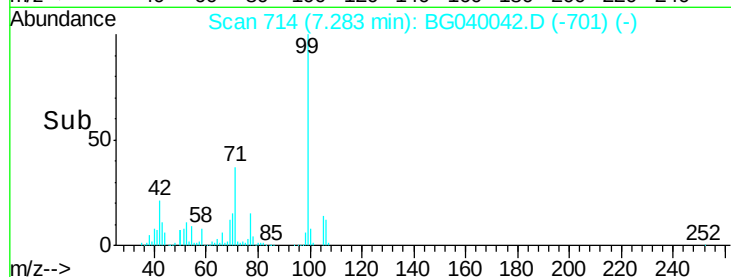
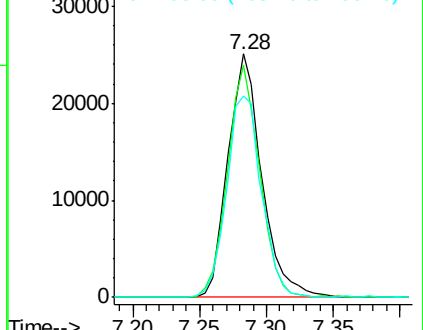
106 82.6 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.457 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

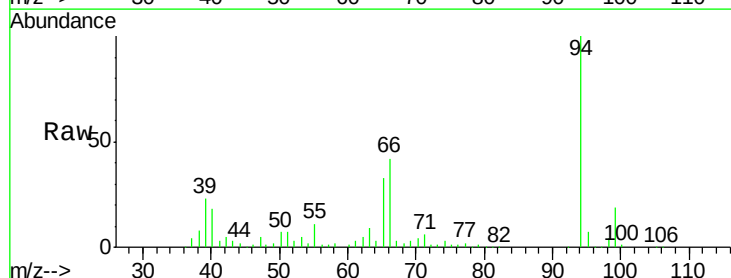
Tgt Ion: 94 Resp: 150302

Ion Ratio Lower Upper

94 100

65 33.1 11.7 51.7

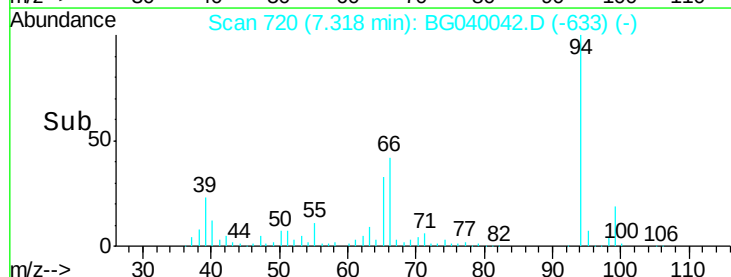
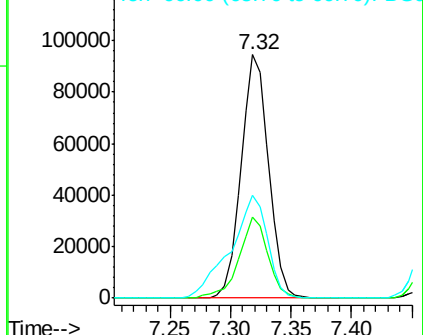
66 42.1 23.7 63.7

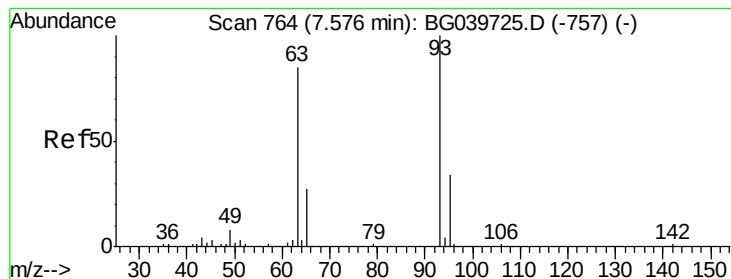


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 40.847 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

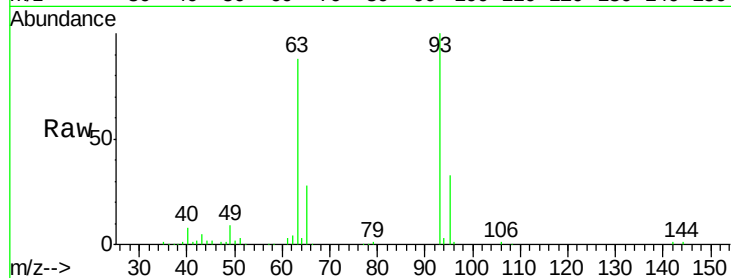
Tot Ion: 93 Resp: 107669

Ion Ratio Lower Upper

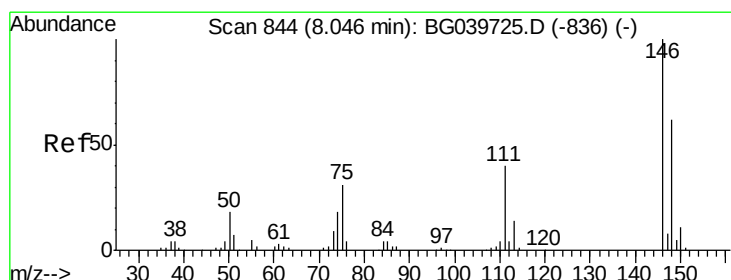
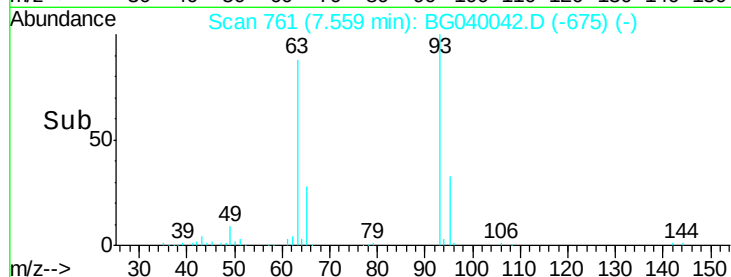
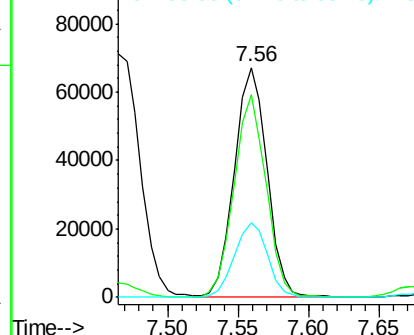
93 100

63 88.3 69.5 109.5

95 32.6 12.7 52.7



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: 39.897 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

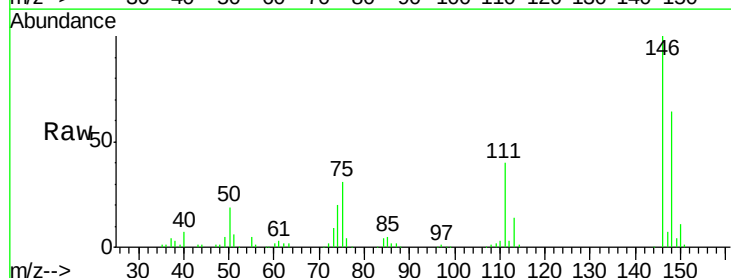
Tgt Ion: 146 Resp: 114577

Ion Ratio Lower Upper

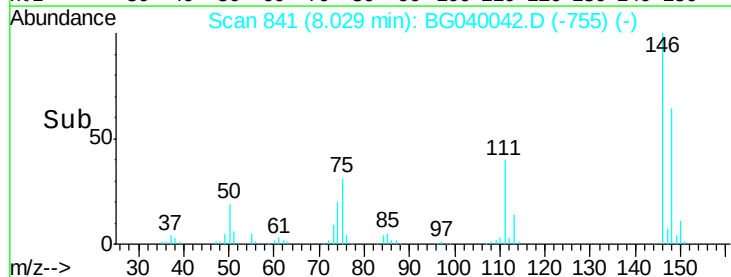
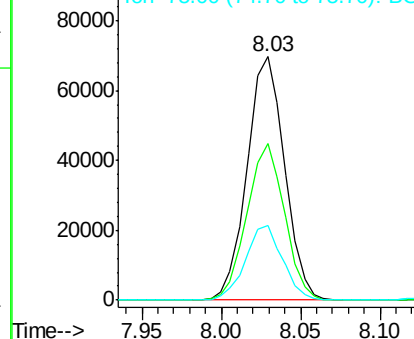
146 100

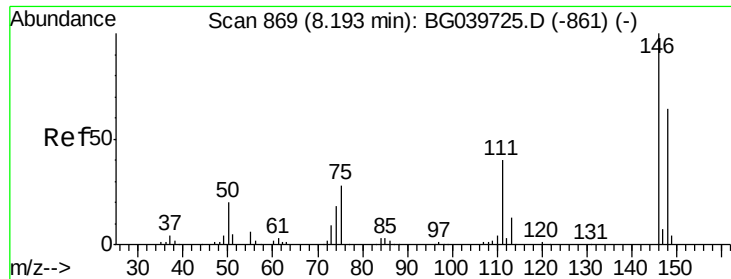
148 64.1 52.6 79.0

75 30.5 25.8 38.6



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

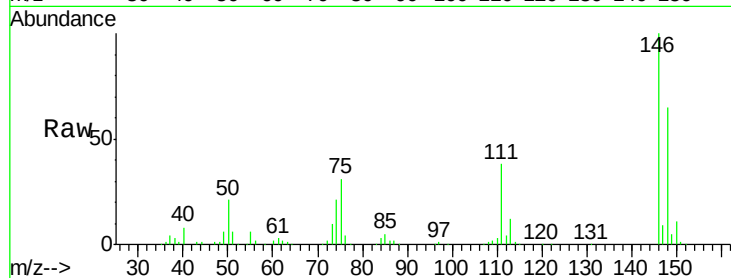




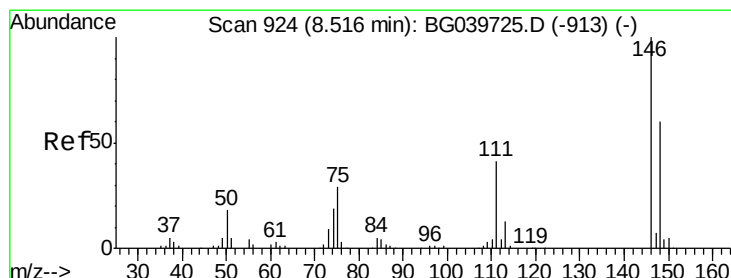
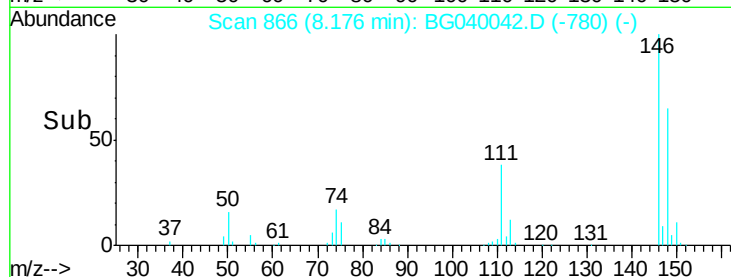
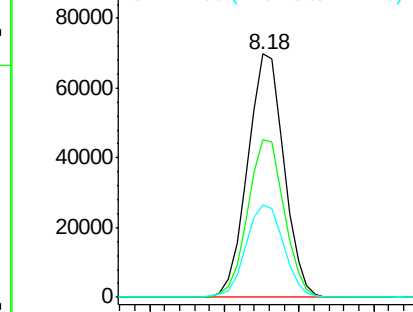
#13
 1,4-Dichlorobenzene
 Concen: 40.063 ng
 RT: 8.18 min Scan# 866
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:146 Resp: 117192
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.1 76.7
 111 38.0 32.6 48.8

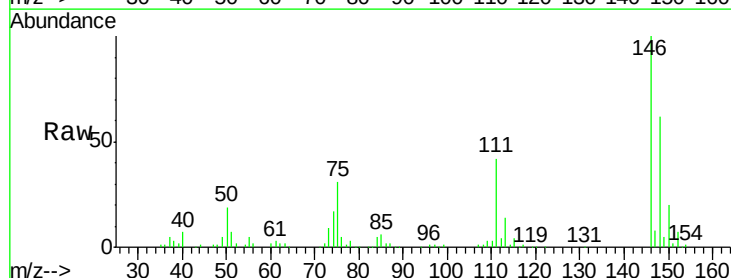


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

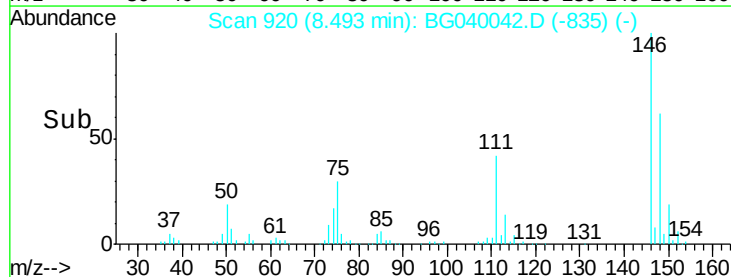
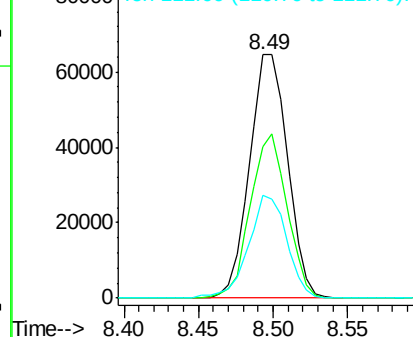


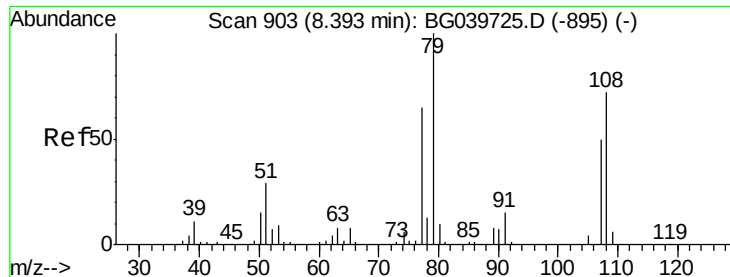
#14
 1,2-Dichlorobenzene
 Concen: 40.233 ng
 RT: 8.49 min Scan# 920
 Delta R.T. -0.03 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:146 Resp: 113708
 Ion Ratio Lower Upper
 146 100
 148 62.3 51.5 77.3
 111 42.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 41.911 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

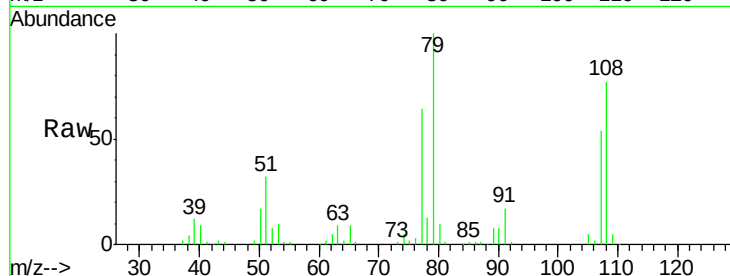
Tot Ion: 79 Resp: 103755

Ion Ratio Lower Upper

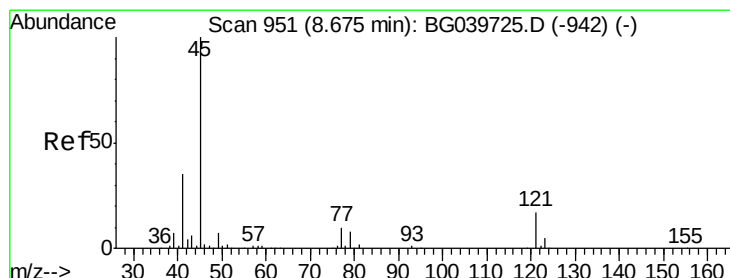
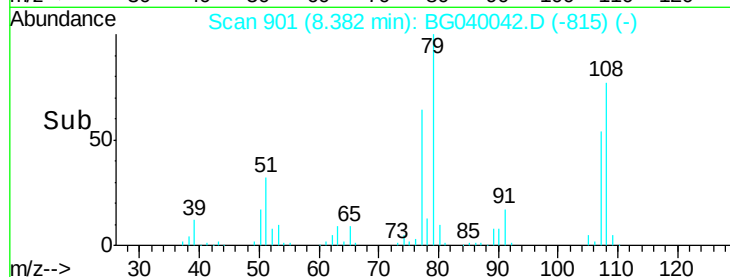
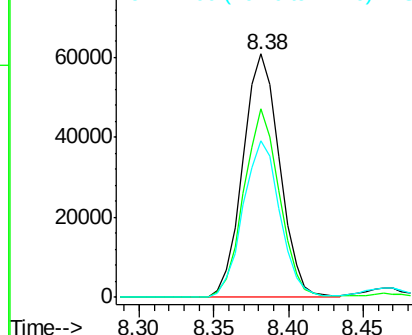
79 100

108 77.4 57.8 86.6

77 64.4 51.1 76.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.350 ng

RT: 8.66 min Scan# 948

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

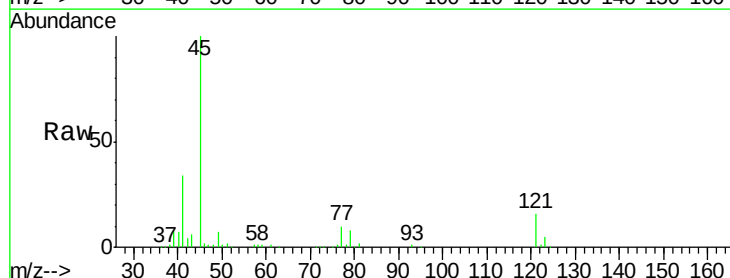
Tgt Ion: 45 Resp: 212724

Ion Ratio Lower Upper

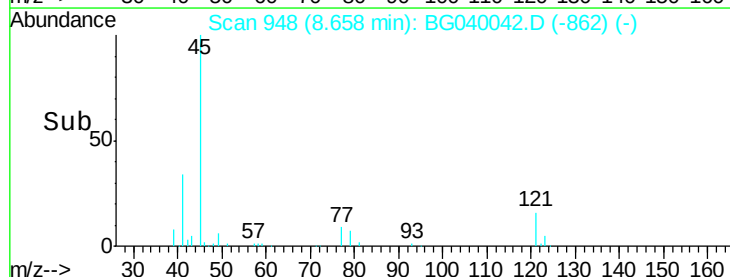
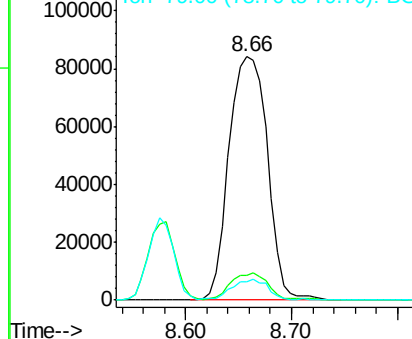
45 100

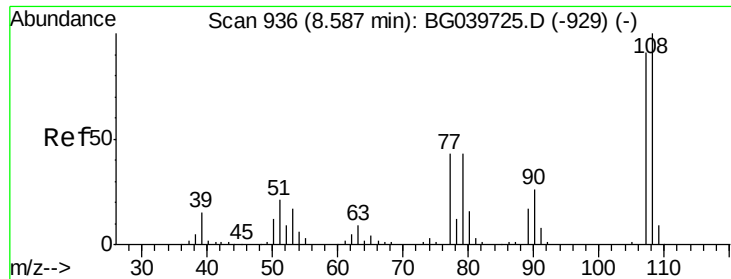
77 10.1 0.0 30.0

79 7.6 0.0 27.5



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

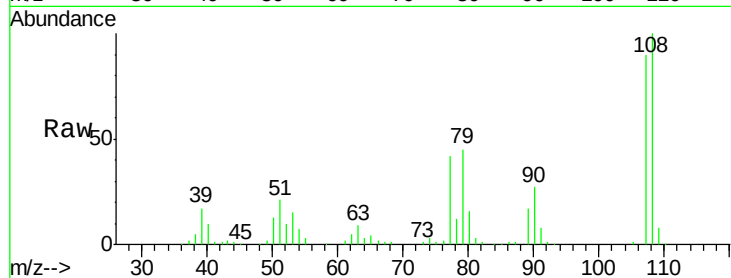




#17
2-Methylphenol
Concen: 45.379 ng
RT: 8.58 min Scan# 934
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.8	90.8	136.2
77	46.5	40.7	61.1
79	50.2	40.6	60.8



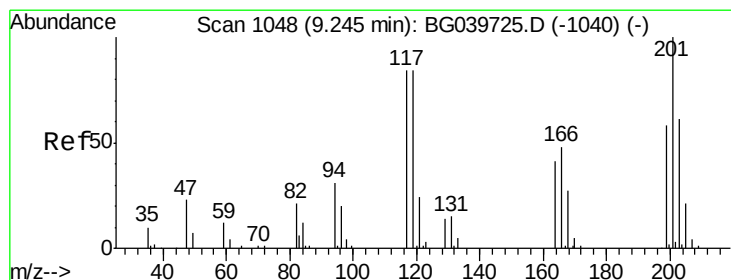
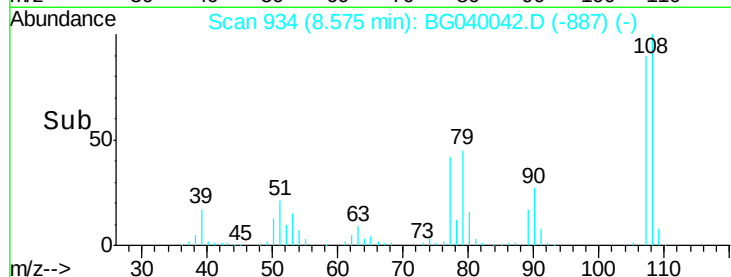
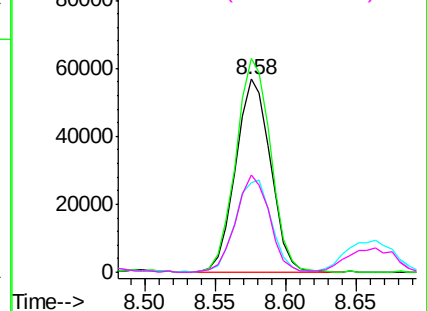
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

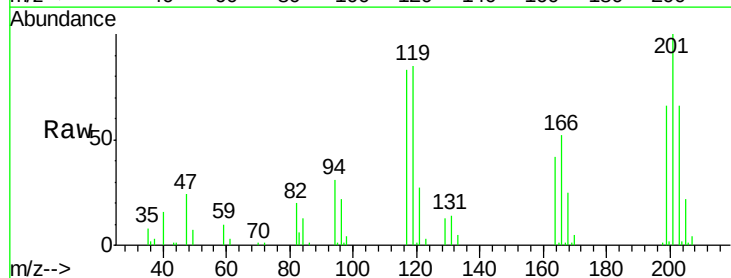
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 39.585 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.4	76.3	114.5
201	121.1	91.1	136.7

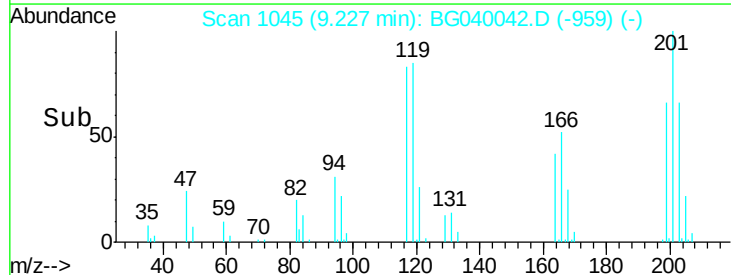
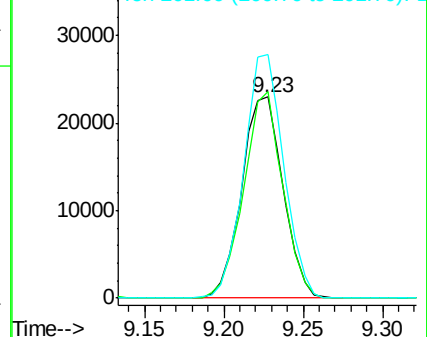


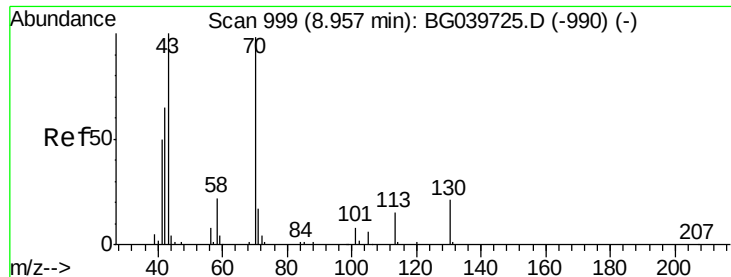
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.933 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

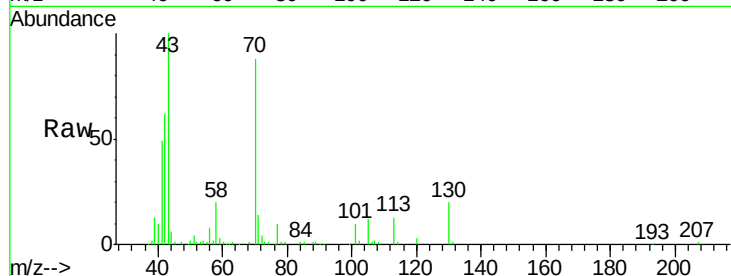
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 87454

Ion Ratio Lower Upper

70	100		
42	70.6	60.4	90.6
101	11.9	7.5	11.3#
130	22.4	16.9	25.3



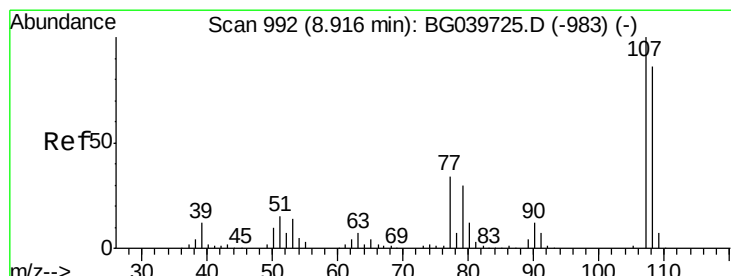
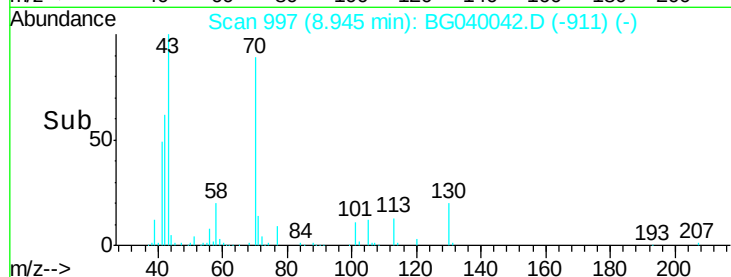
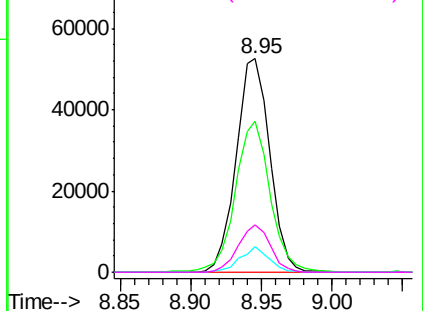
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 45.142 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Tgt Ion: 107 Resp: 135192

Ion Ratio Lower Upper

107	100		
108	85.7	67.9	107.9
77	35.1	15.4	55.4
79	31.2	13.7	53.7

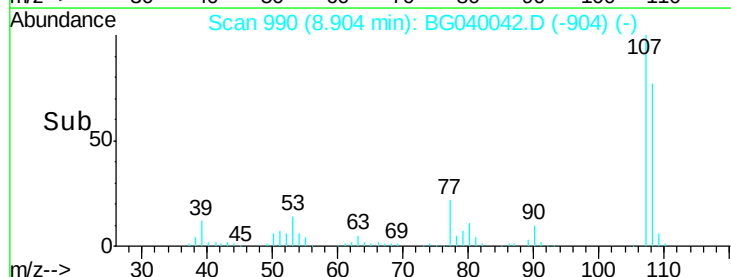
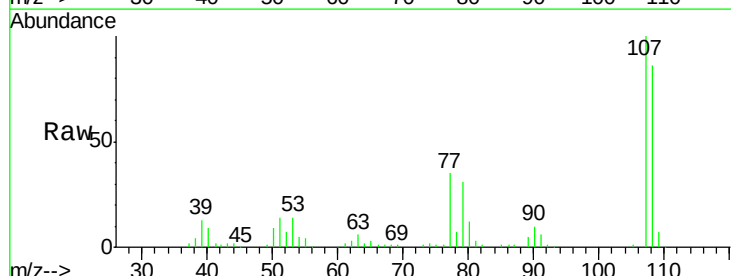
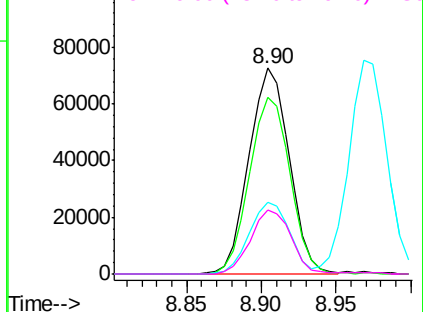
Abundance

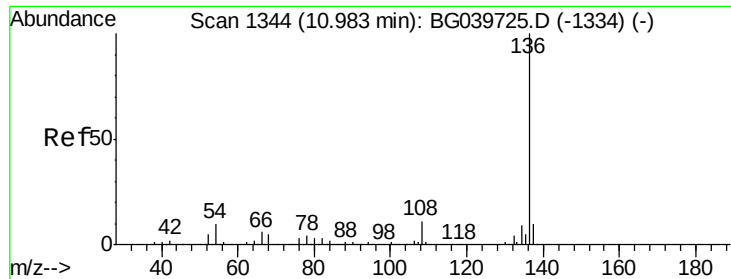
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

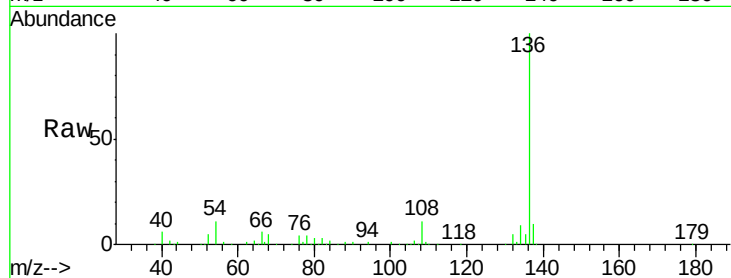




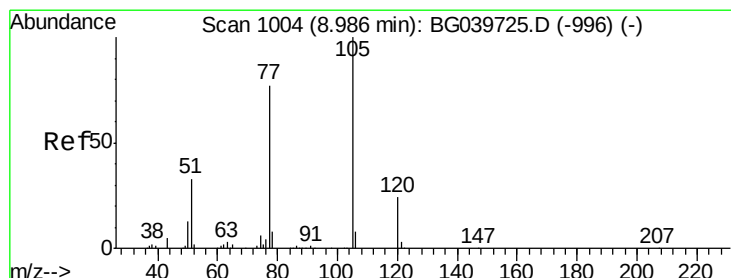
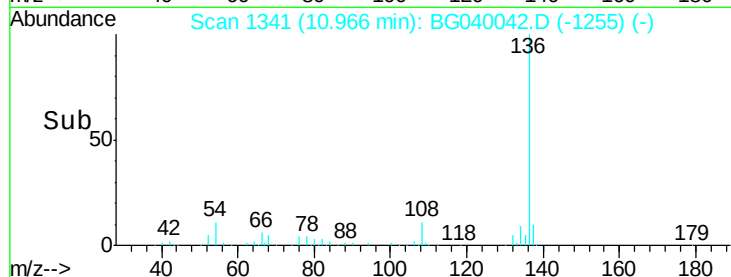
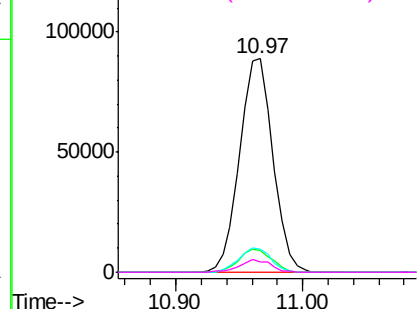
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	161441
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.1 13.7
54	10.8	9.4 14.2
68	4.6	4.2 6.4

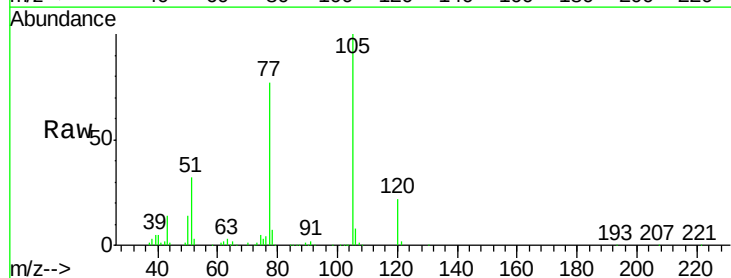


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

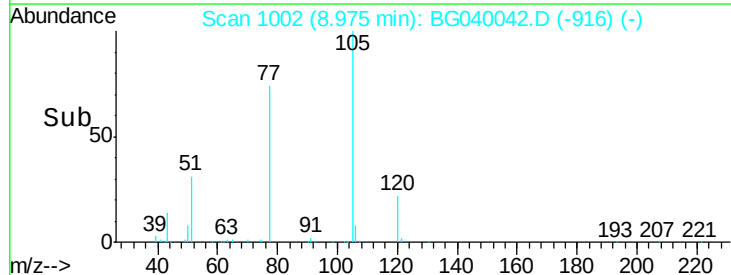
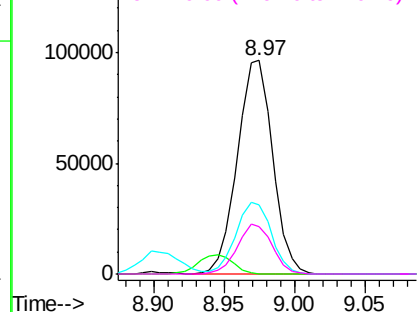


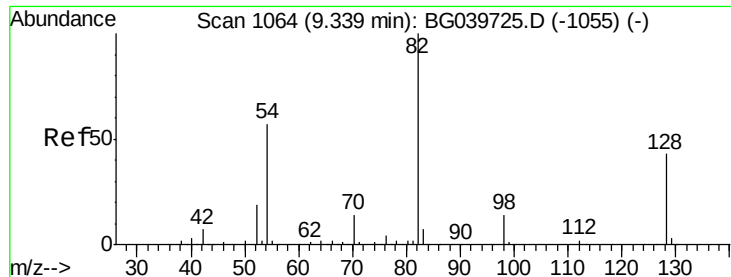
#22
Acetophenone
Concen: 38.958 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:105	Resp:	168806
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.8 1.2#
51	32.2	30.2 45.2
120	22.0	18.0 27.0



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

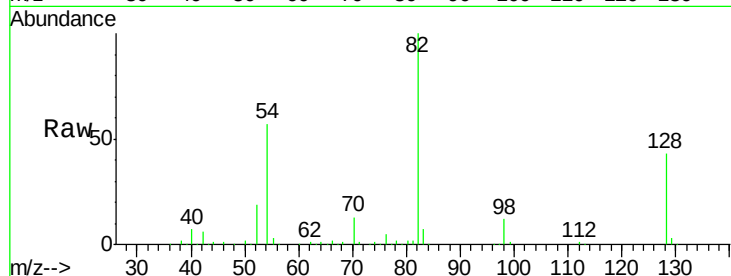




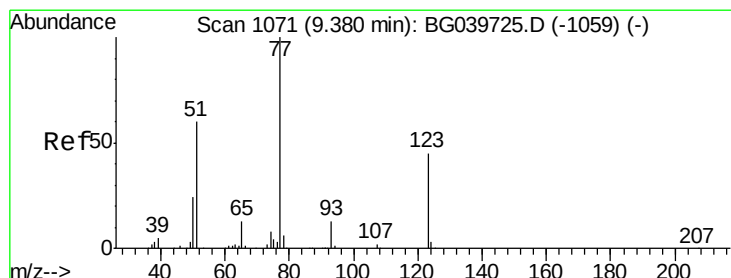
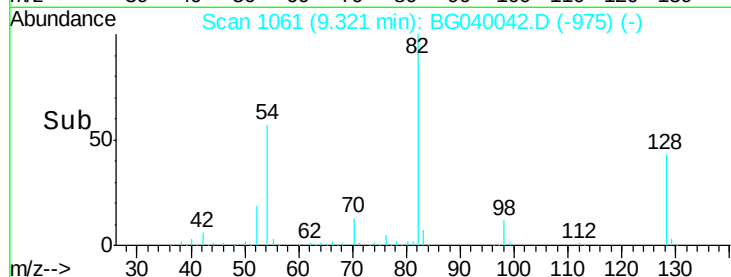
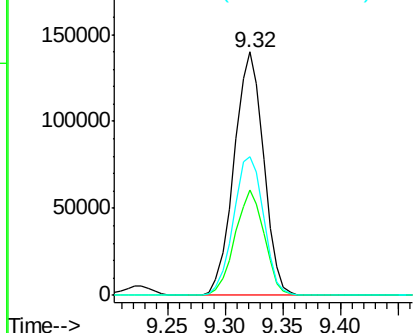
#23
 Nitrobenzene-d5
 Concen: 82.951 ng
 RT: 9.32 min Scan# 1061
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 247609
 Ion Ratio Lower Upper
 82 100
 128 43.4 31.3 46.9
 54 56.8 50.9 76.3

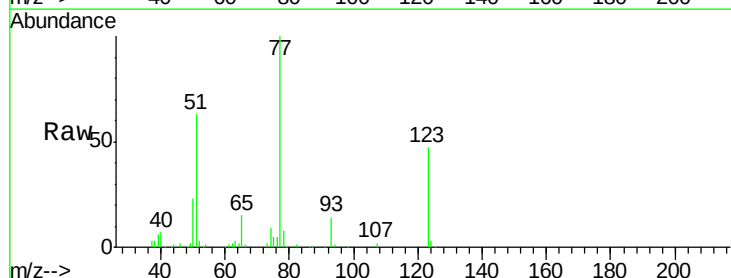


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

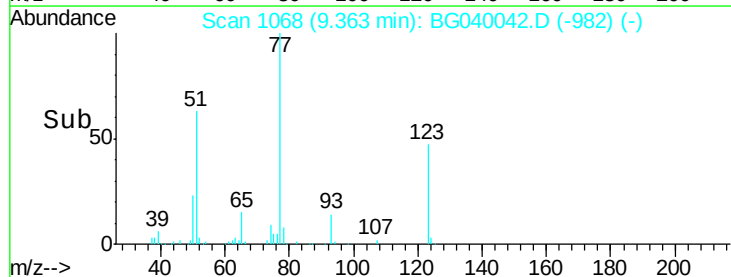
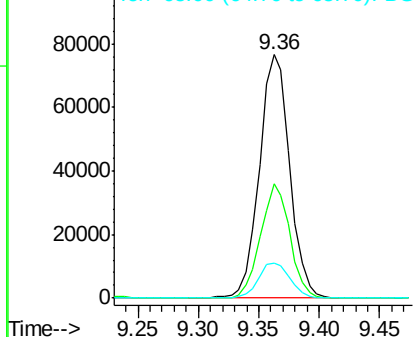


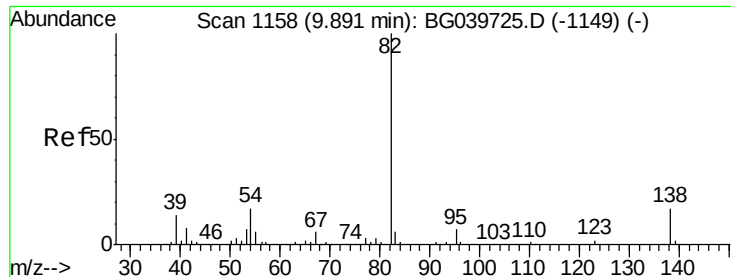
#24
 Nitrobenzene
 Concen: 42.616 ng
 RT: 9.36 min Scan# 1068
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion: 77 Resp: 133450
 Ion Ratio Lower Upper
 77 100
 123 47.2 34.1 51.1
 65 14.6 12.3 18.5



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: 40.196 ng

RT: 9.87 min Scan# 1155

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

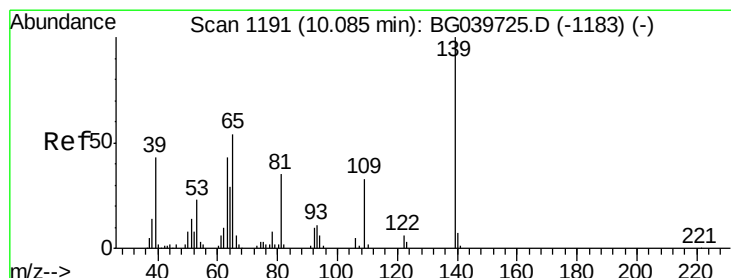
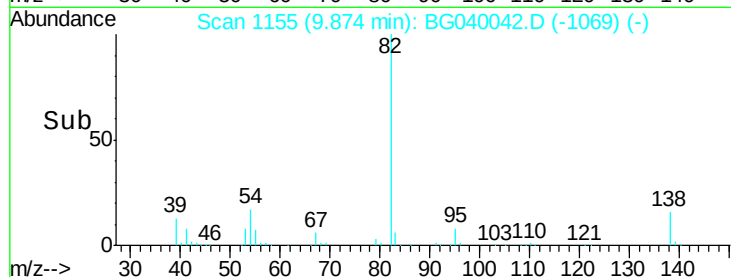
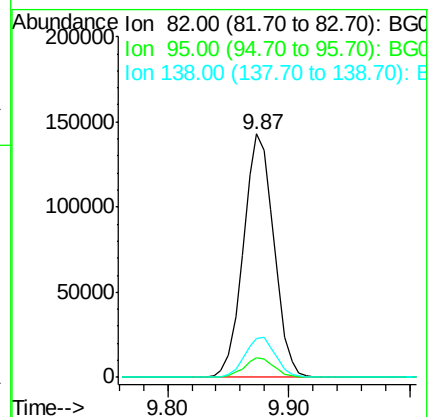
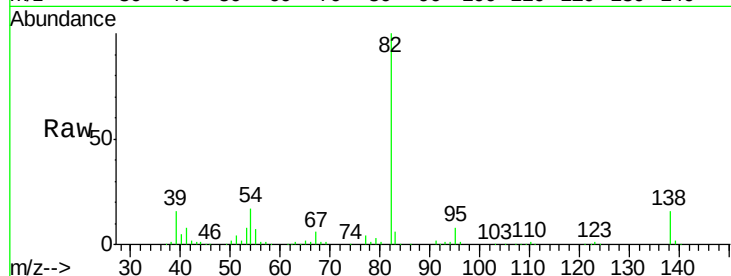
Tot Ion: 82 Resp: 251406

Ion Ratio Lower Upper

82 100

95 7.8 6.2 9.2

138 15.7 13.0 19.4



#26

2-Nitrophenol

Concen: 43.684 ng

RT: 10.07 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

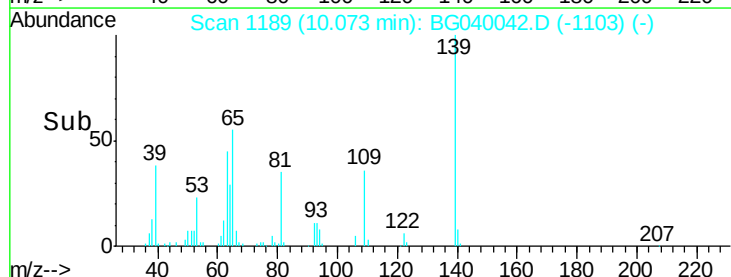
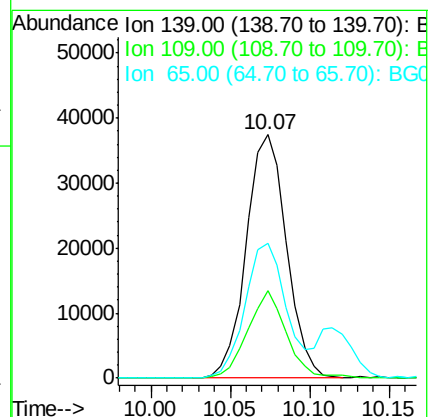
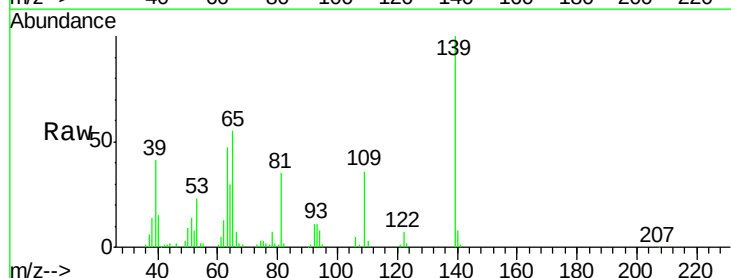
Tgt Ion: 139 Resp: 66048

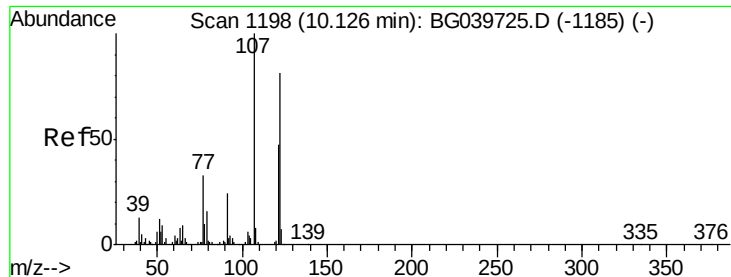
Ion Ratio Lower Upper

139 100

109 35.7 23.4 35.0#

65 55.2 44.3 66.5

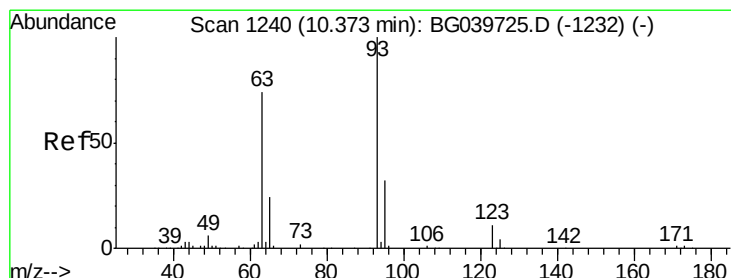
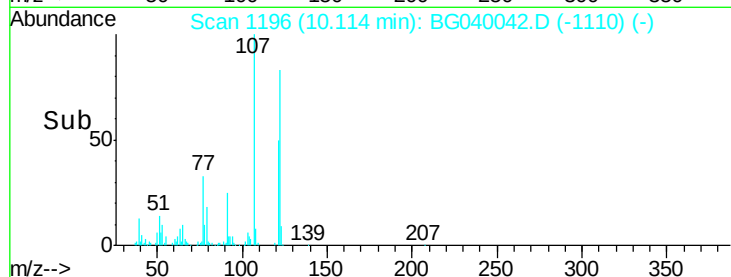
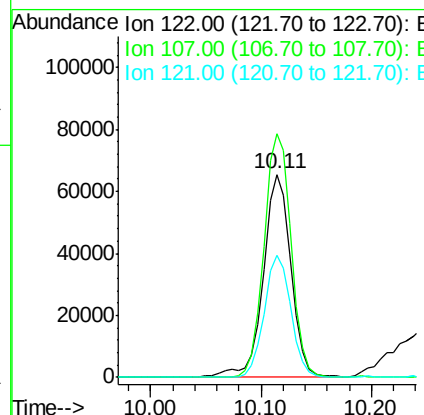
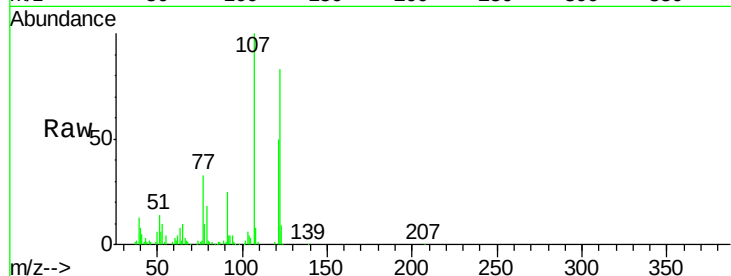




#27
 2,4-Dimethylphenol
 Concen: 48.925 ng
 RT: 10.11 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

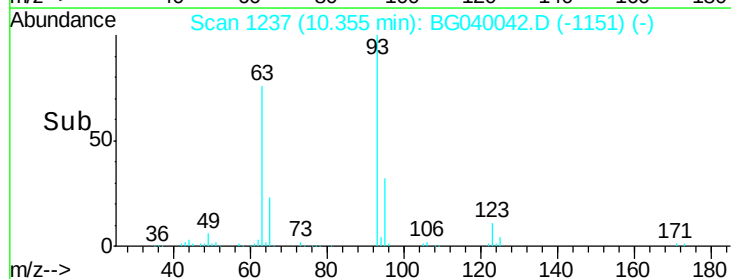
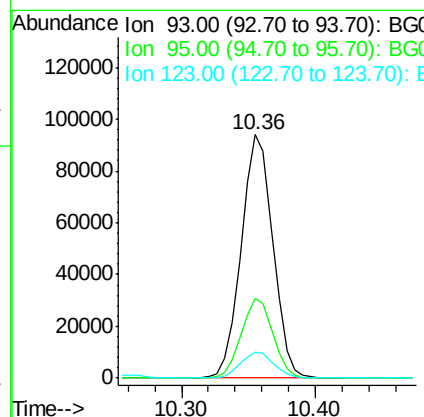
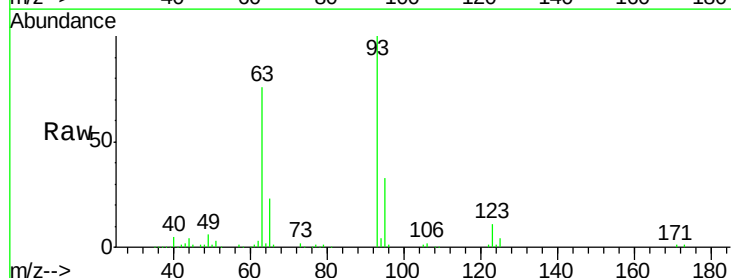
Instrument :
 BNA_G
 ClientSampleId :

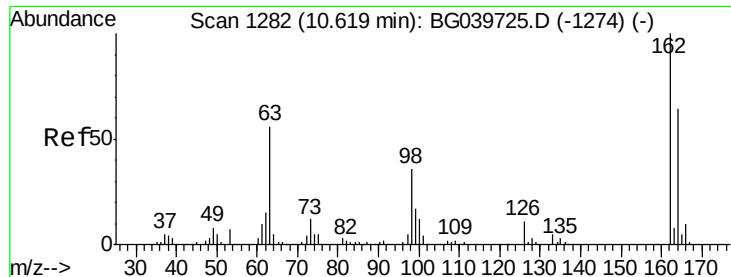
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.0	91.7	137.5
121	60.4	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.432 ng
 RT: 10.36 min Scan# 1237
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	25.0	37.4
123	10.7	8.6	12.8

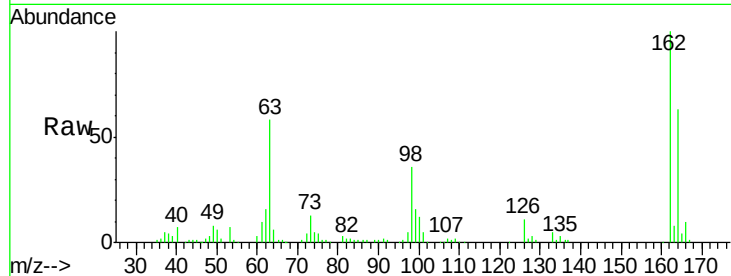




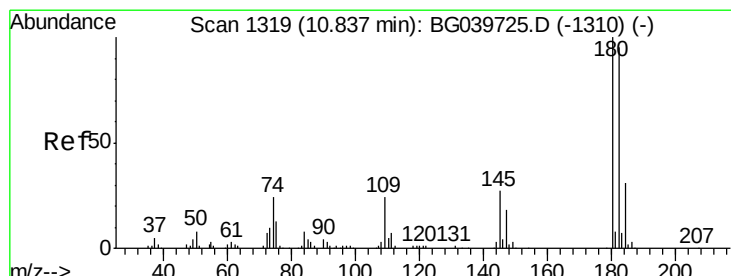
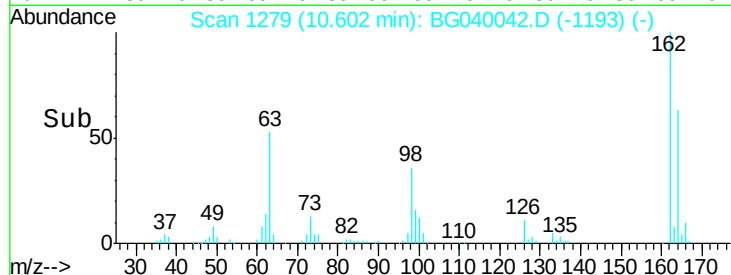
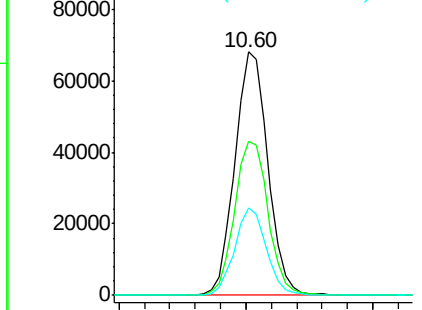
#29
 2,4-Dichlorophenol
 Concen: 46.278 ng
 RT: 10.60 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:162 Resp: 122520
 Ion Ratio Lower Upper
 162 100
 164 63.4 48.1 88.1
 98 36.1 18.1 58.1

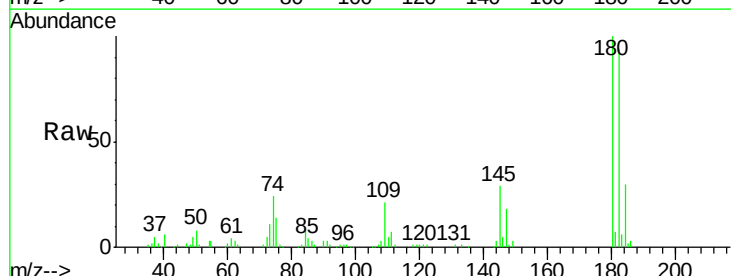


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

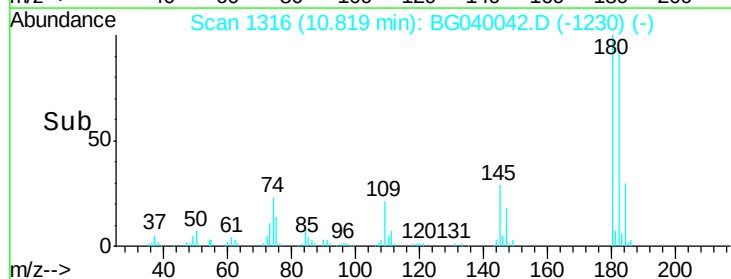
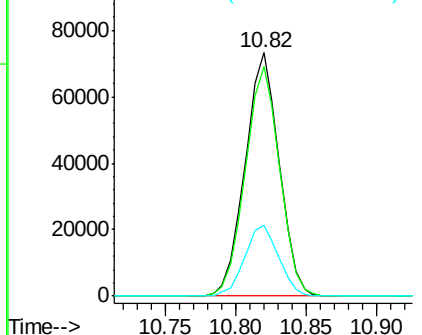


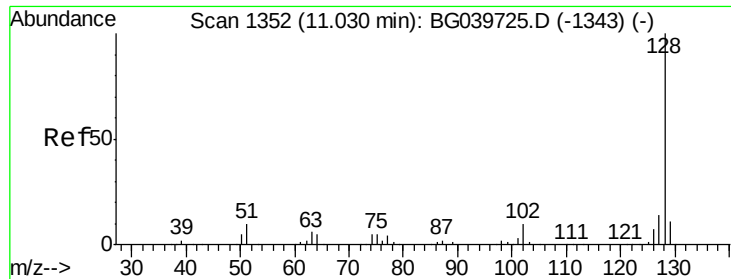
#30
 1,2,4-Trichlorobenzene
 Concen: 41.655 ng
 RT: 10.82 min Scan# 1316
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:180 Resp: 124097
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.0 114.0
 145 28.9 22.7 34.1



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

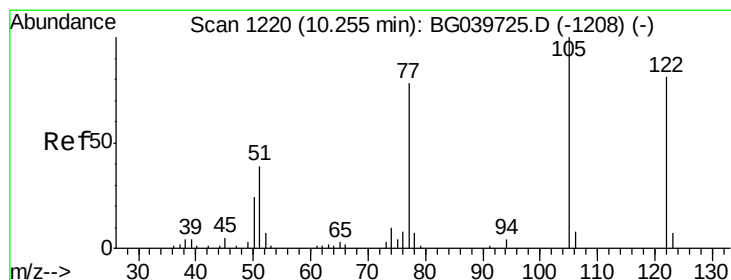
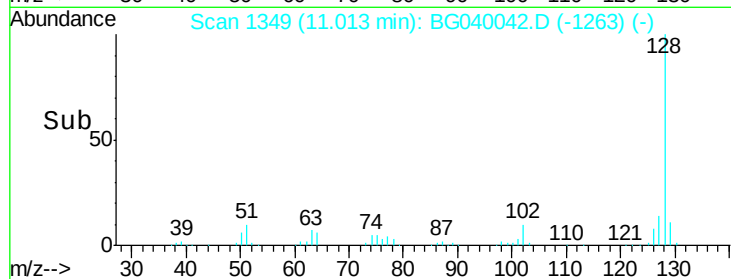
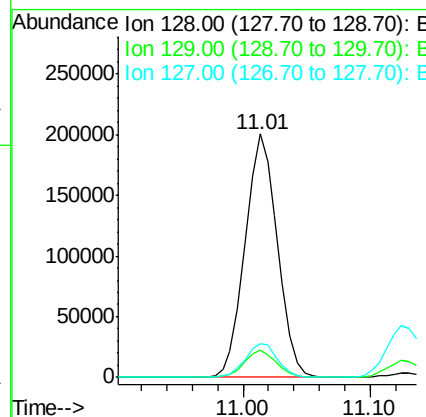
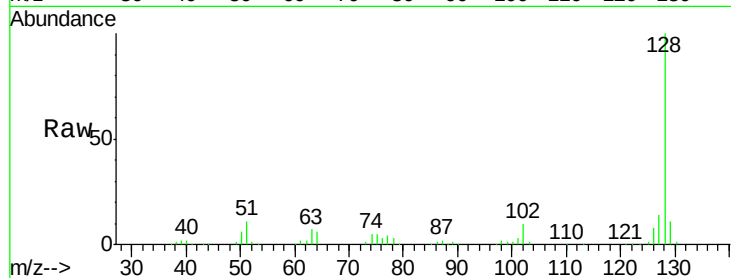




#31
Naphthalene
Concen: 41.295 ng
RT: 11.01 min Scan# 1349
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

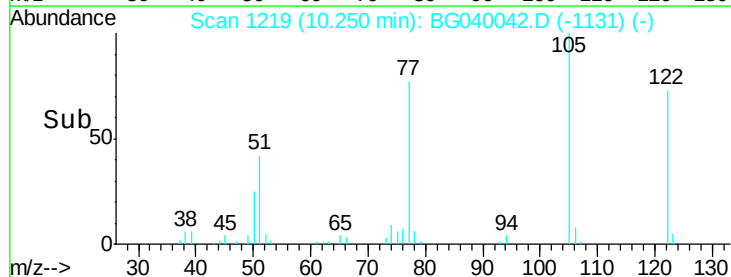
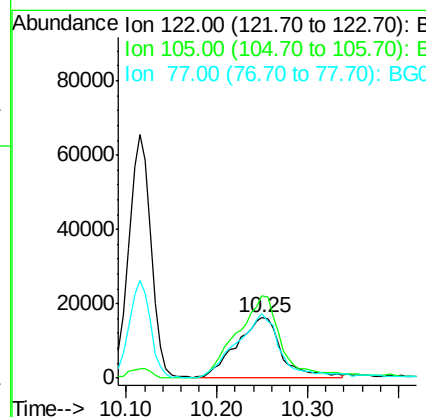
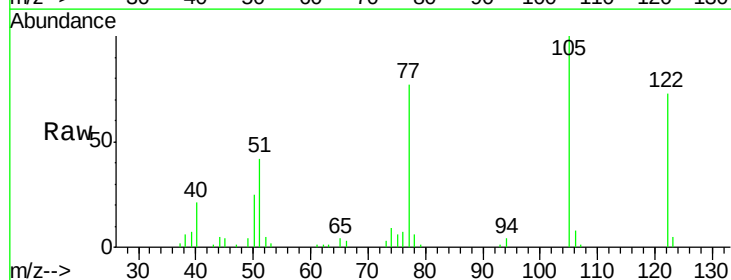
Instrument :
BNA_G
ClientSampleId :

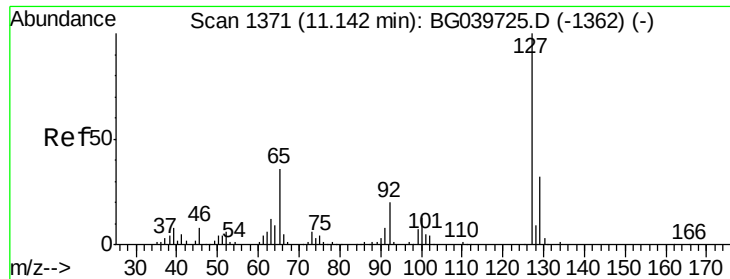
Tot Ion:128 Resp: 352970
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.8 10.8 16.2



#32
Benzoic acid
Concen: 35.767 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:122 Resp: 54599
Ion Ratio Lower Upper
122 100
105 136.9 101.8 141.8
77 105.9 76.3 116.3

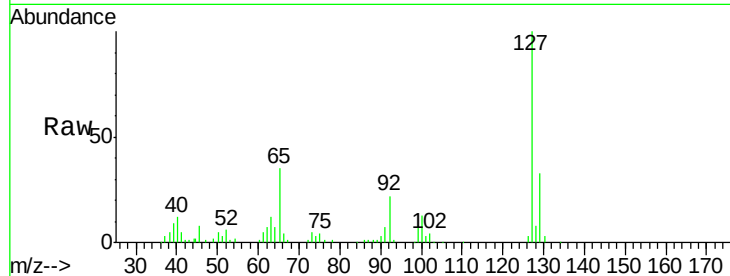




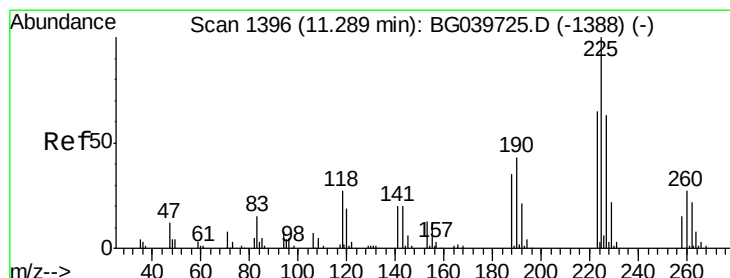
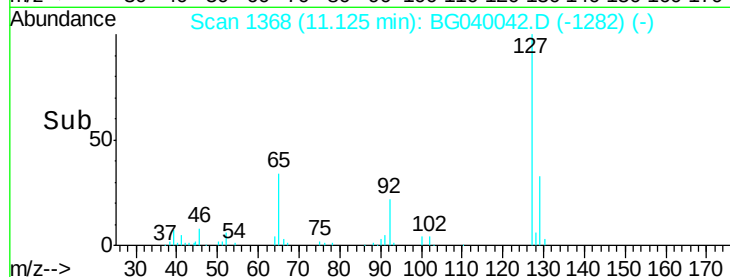
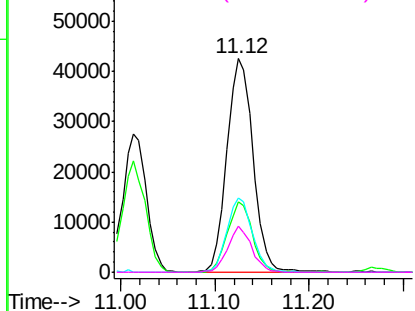
#33
4-Chloroaniline
Concen: 22.684 ng
RT: 11.12 min Scan# 1368
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	82219
Ion	Ratio	Lower	Upper
127	100		
129	33.2	27.0	40.4
65	34.6	28.8	43.2
92	21.8	16.6	25.0

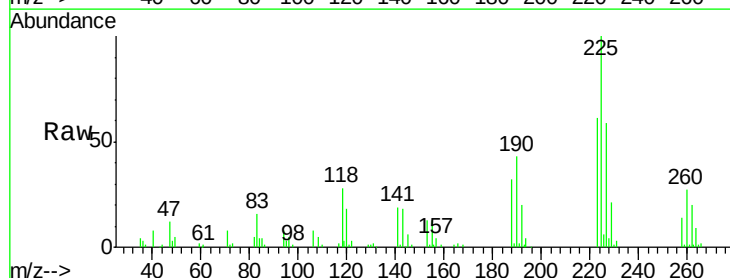


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

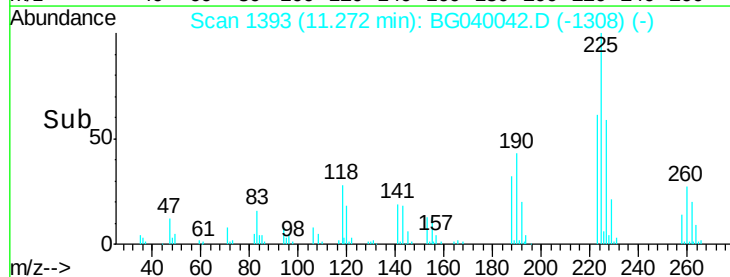
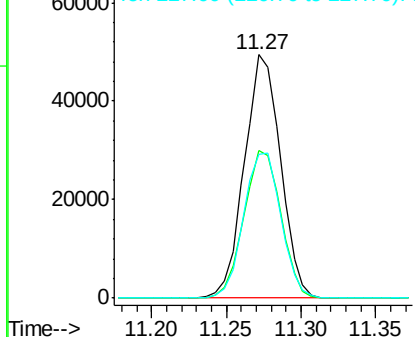


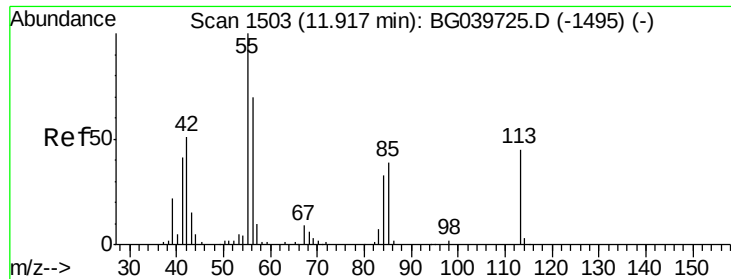
#34
Hexachlorobutadiene
Concen: 40.613 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:	225	Resp:	82678
Ion	Ratio	Lower	Upper
225	100		
223	60.7	49.0	73.6
227	59.3	46.3	69.5



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

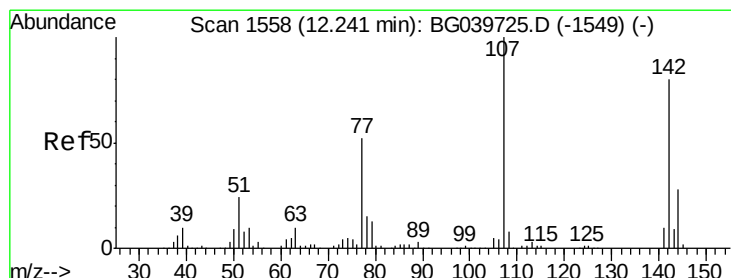
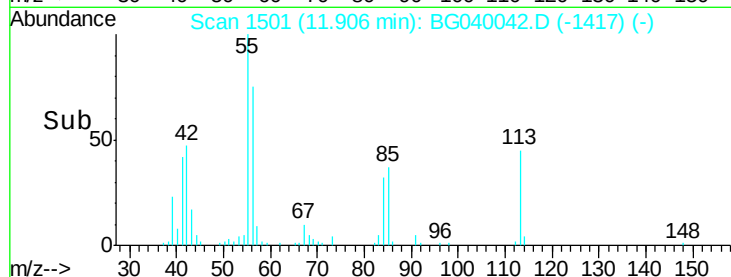
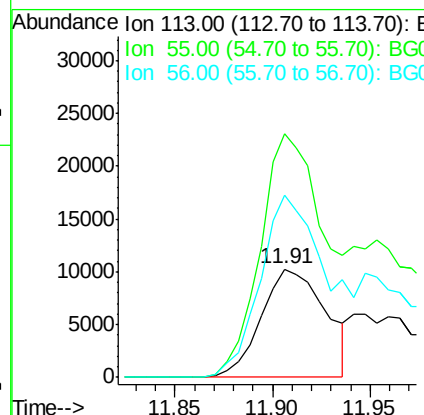
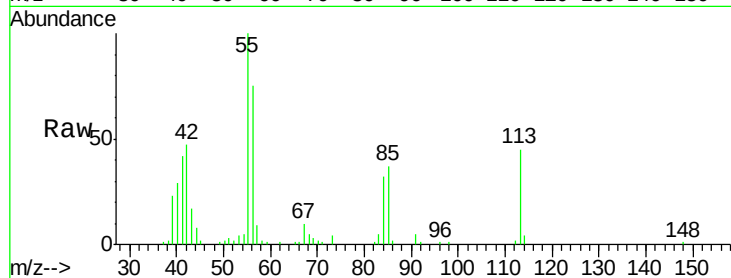




#35
 Caprolactam
 Concen: 23.223 ng
 RT: 11.91 min Scan# 1501
 Delta R.T. -0.04 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

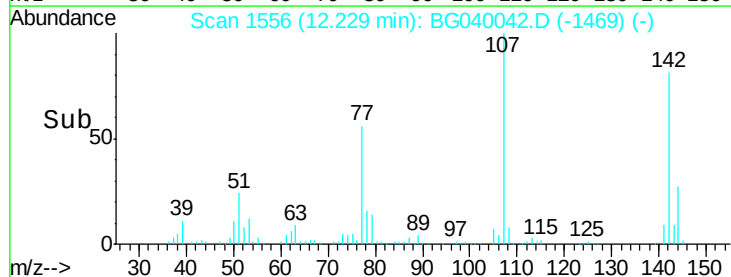
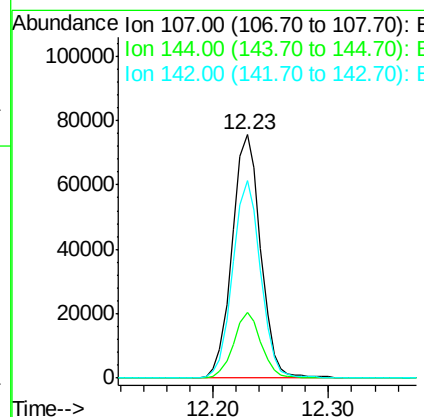
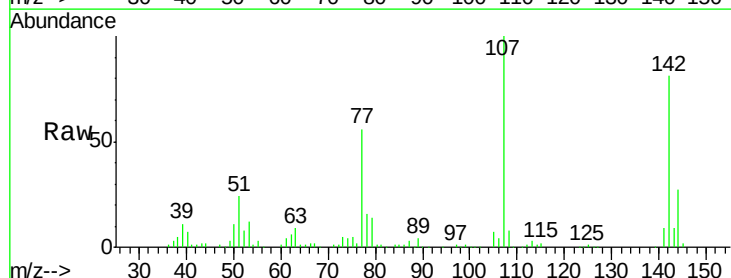
Instrument :
 BNA_G
 ClientSampleId :

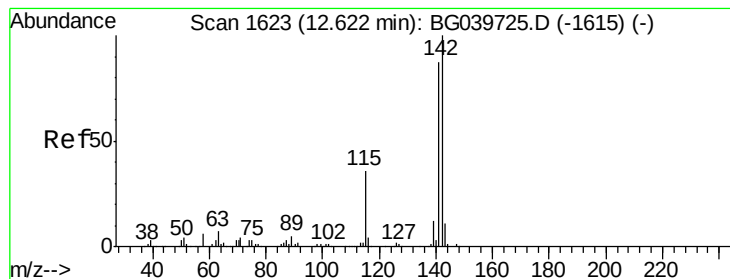
Tot Ion:113 Resp: 23486
 Ion Ratio Lower Upper
 113 100
 55 224.5 216.9 256.9
 56 167.8 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.695 ng
 RT: 12.23 min Scan# 1556
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:107 Resp: 129575
 Ion Ratio Lower Upper
 107 100
 144 27.0 20.2 30.2
 142 81.1 61.4 92.2





#37

2-Methylnaphthalene

Concen: 41.934 ng

RT: 12.61 min Scan# 1620

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

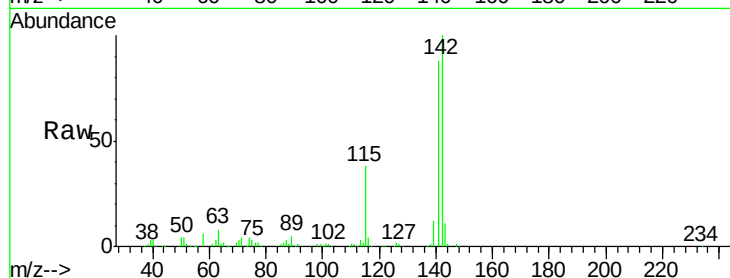
Tot Ion:142 Resp: 267974

Ion Ratio Lower Upper

142 100

141 87.7 73.5 110.3

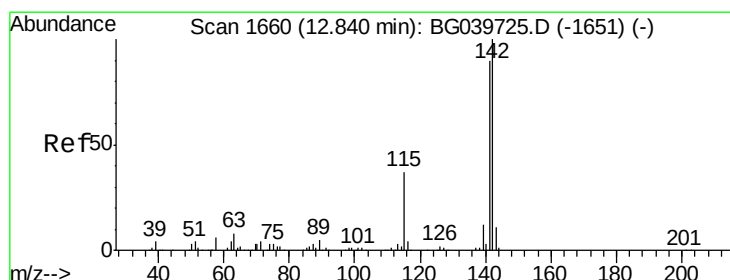
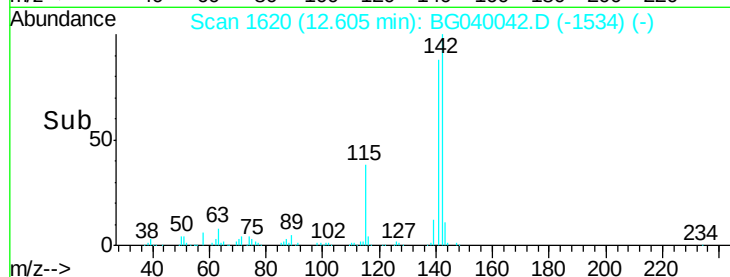
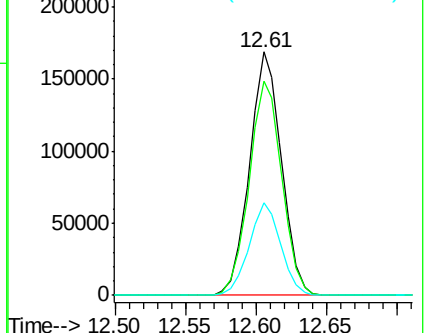
115 38.0 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.347 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

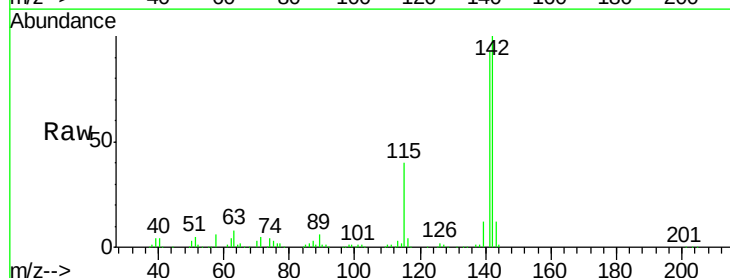
Tgt Ion:142 Resp: 256775

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

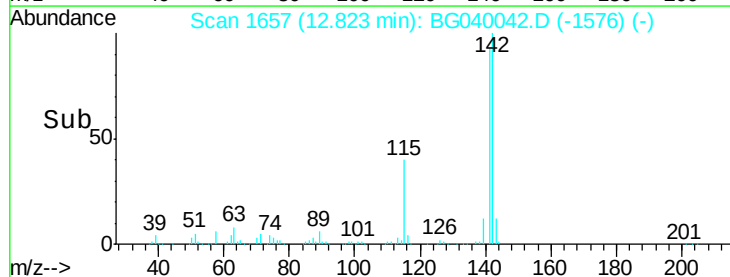
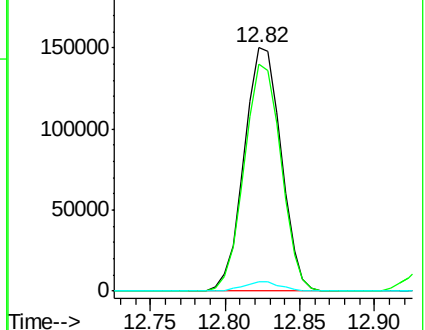
116 4.0 3.0 4.6

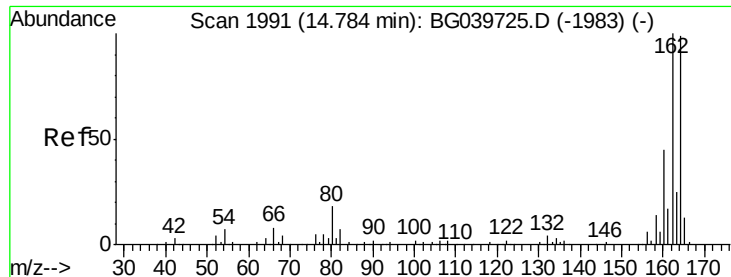


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampled :

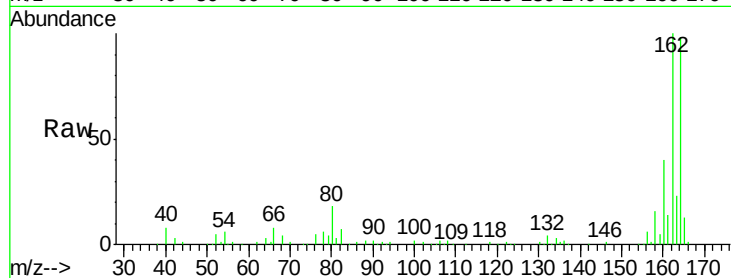
Tot Ion:164 Resp: 108686

Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

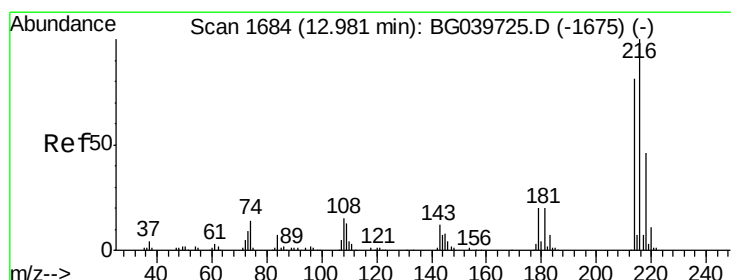
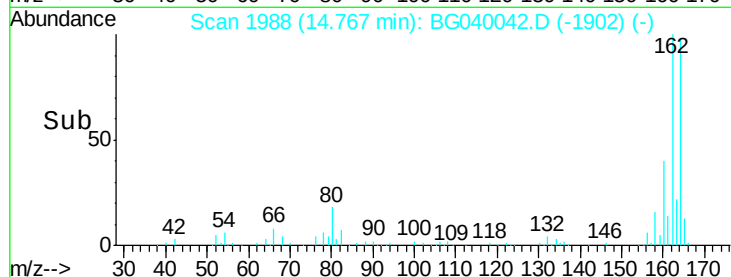
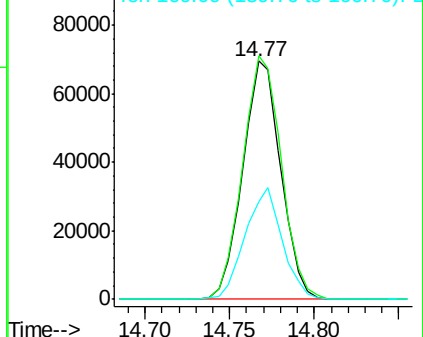
160 40.8 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.640 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Tgt Ion:216 Resp: 149638

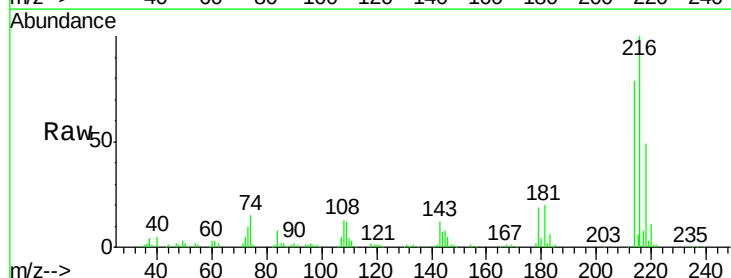
Ion Ratio Lower Upper

216 100

214 79.2 62.6 94.0

179 20.7 16.6 25.0

108 18.4 14.0 21.0

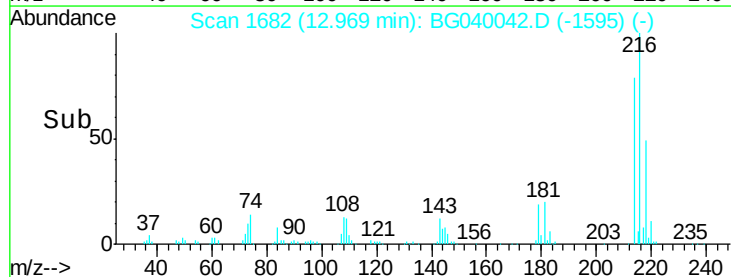
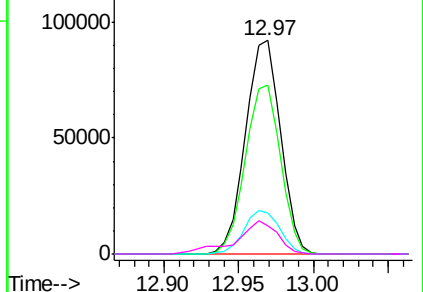


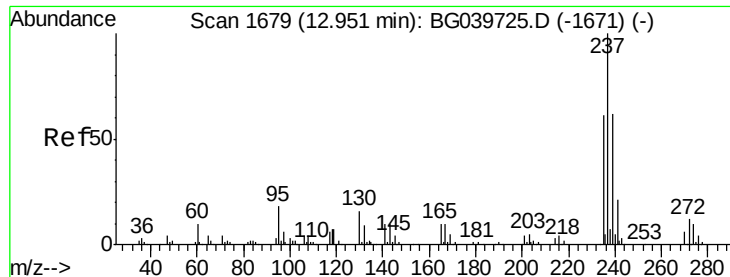
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 93.130 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

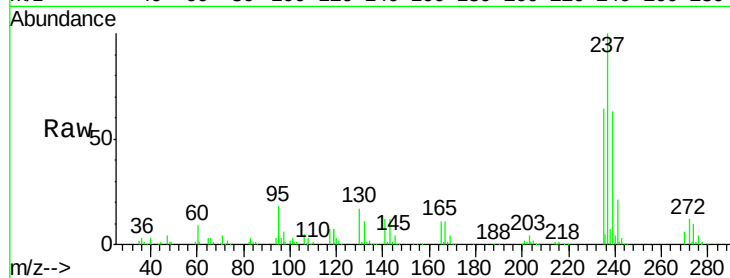
Tot Ion:237 Resp: 183764

Ion Ratio Lower Upper

237 100

235 64.2 43.3 83.3

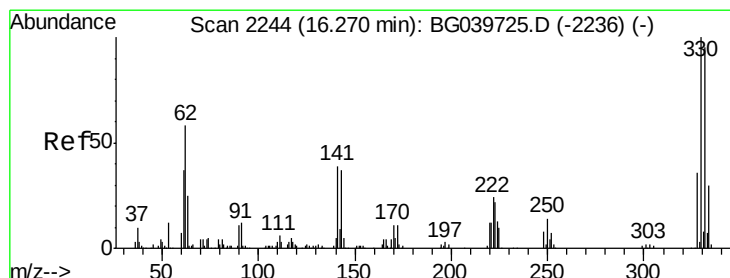
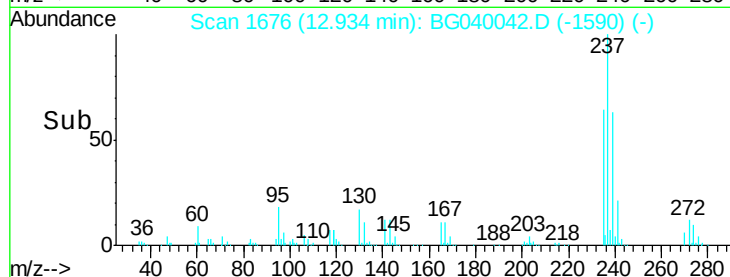
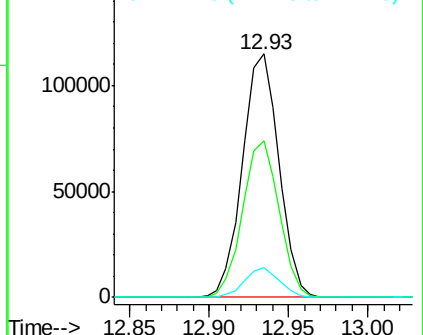
272 12.4 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 140.666 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

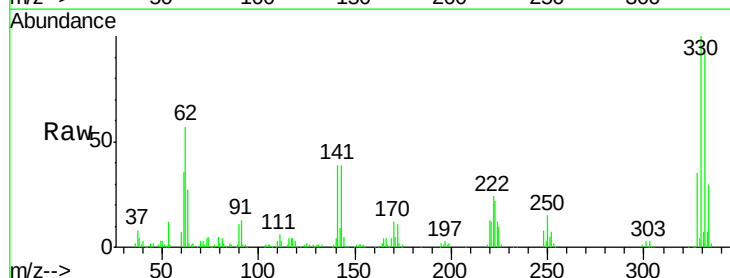
Tgt Ion:330 Resp: 178198

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

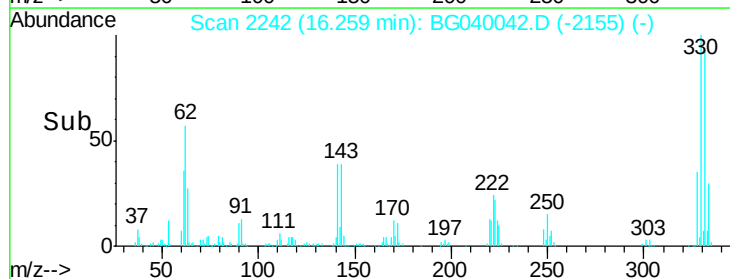
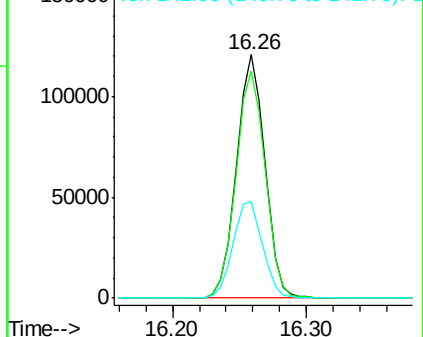
141 41.6 35.6 53.4

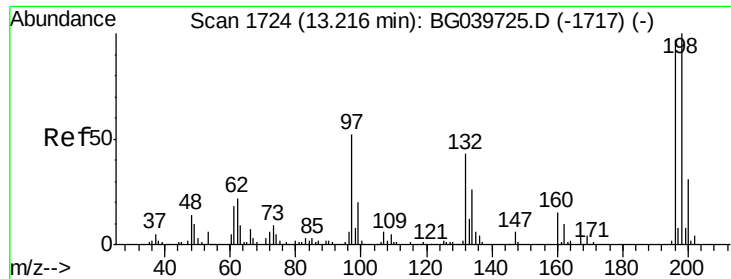


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

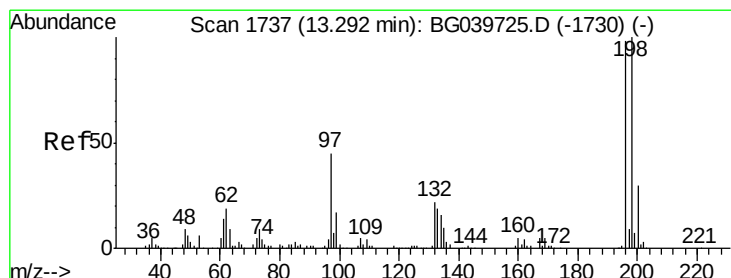
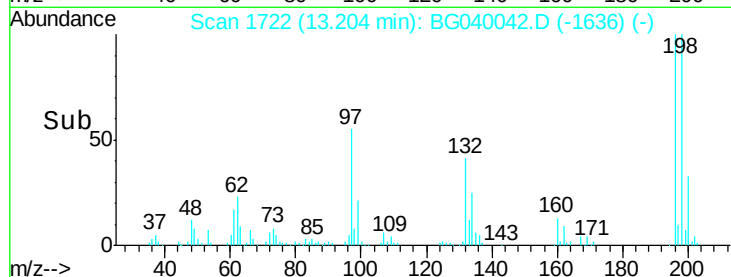
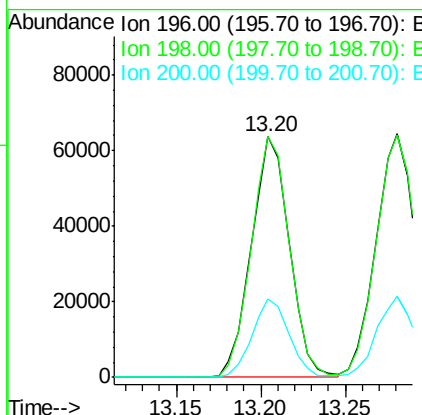
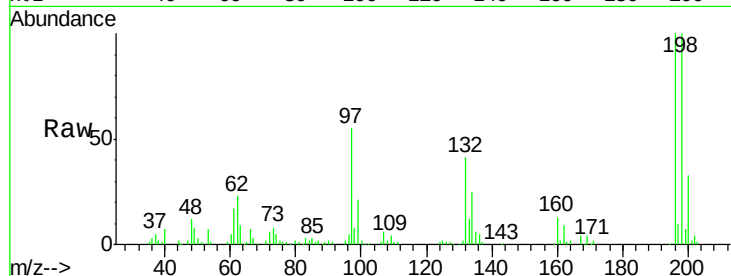




#43
 2,4,6-Trichlorophenol
 Concen: 46.327 ng
 RT: 13.20 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

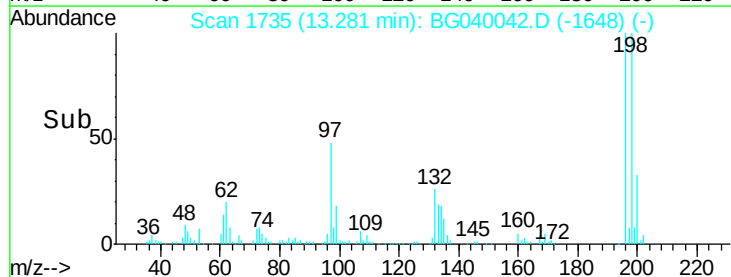
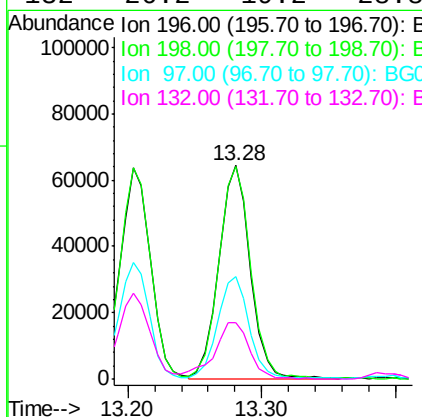
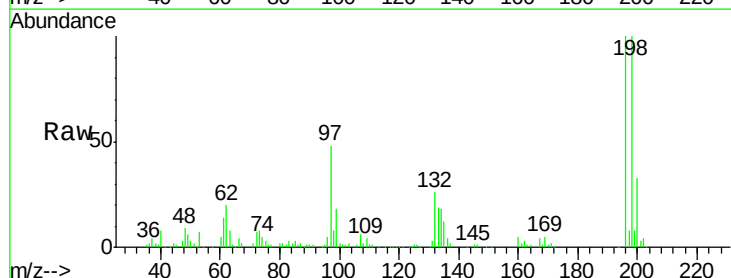
Instrument :
 BNA_G
 ClientSampleId :

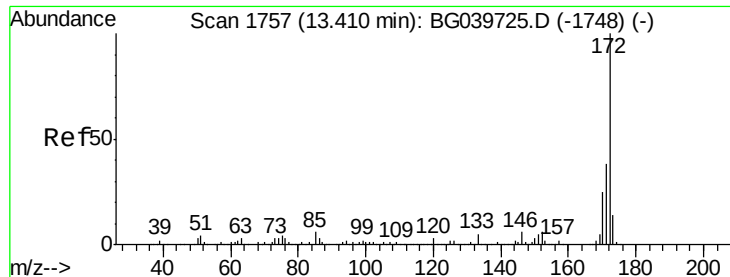
Tot Ion:196 Resp: 99865
 Ion Ratio Lower Upper
 196 100
 198 100.1 80.6 121.0
 200 32.7 26.1 39.1



#44
 2,4,5-Trichlorophenol
 Concen: 43.503 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:196 Resp: 105703
 Ion Ratio Lower Upper
 196 100
 198 99.6 78.5 117.7
 97 47.7 38.4 57.6
 132 26.2 19.2 28.8

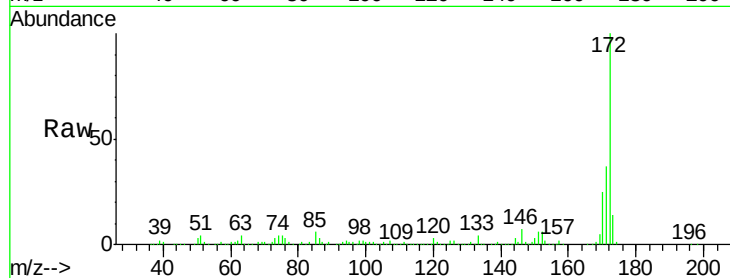




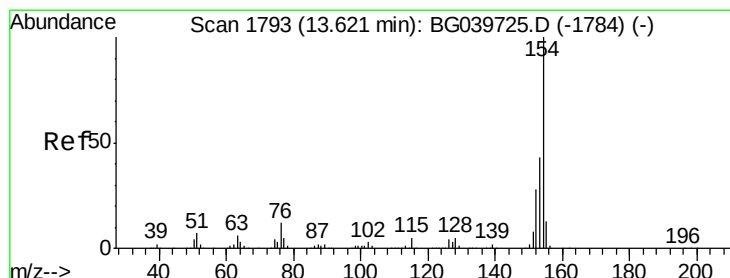
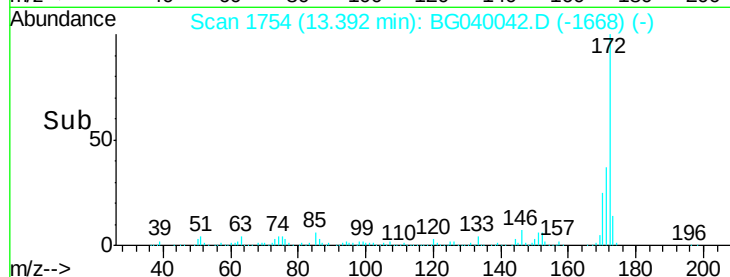
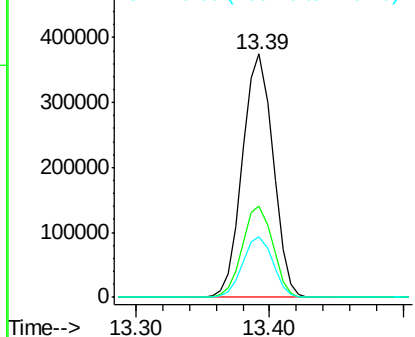
#45
2-Fluorobiphenyl
Concen: 77.770 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 593646
Ion Ratio Lower Upper
172 100
171 37.3 30.8 46.2
170 24.9 20.2 30.4

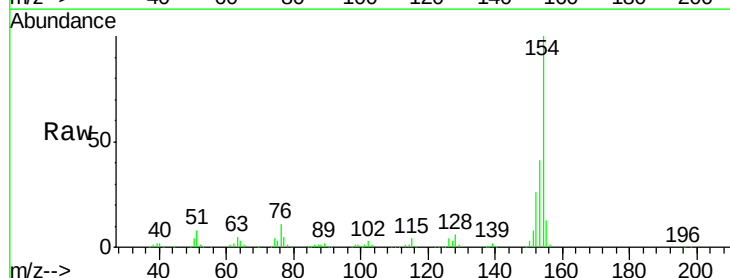


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

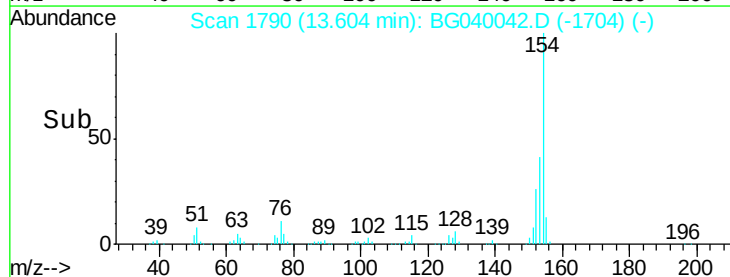
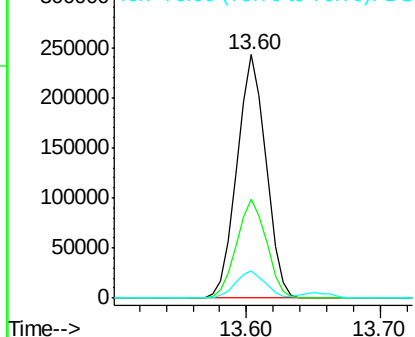


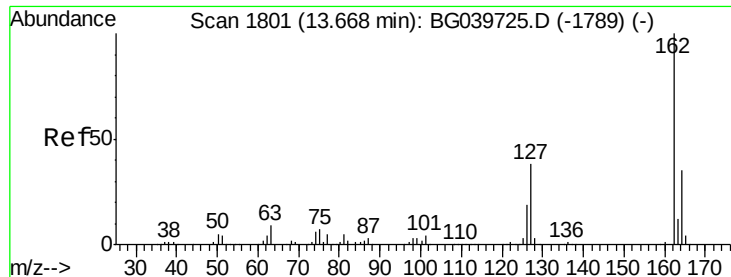
#46
1,1'-Biphenyl
Concen: 40.770 ng
RT: 13.60 min Scan# 1790
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:154 Resp: 364451
Ion Ratio Lower Upper
154 100
153 40.6 22.1 62.1
76 11.3 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BG0

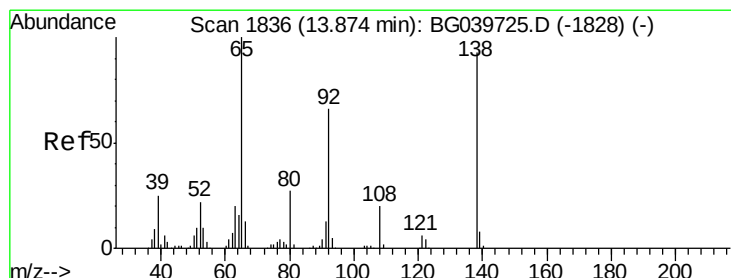
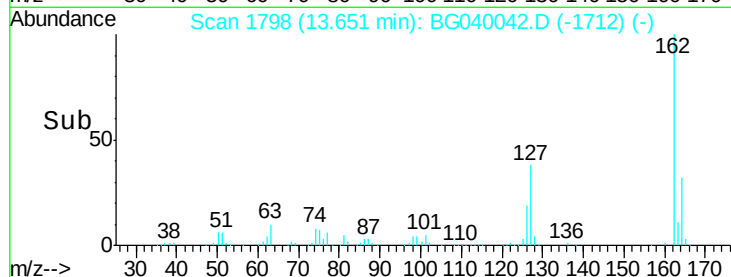
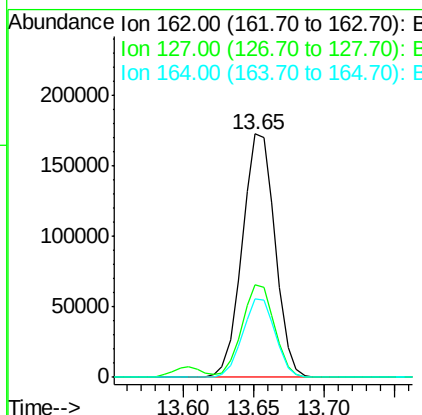
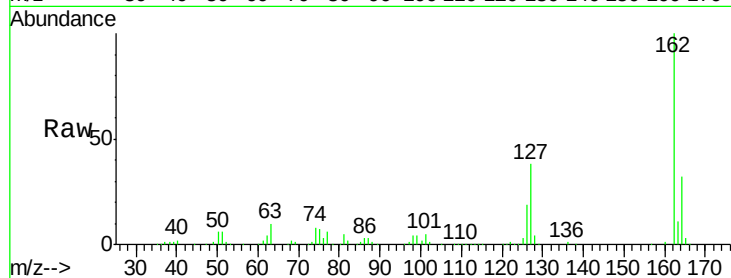




#47
 2-Chloronaphthalene
 Concen: 41.747 ng
 RT: 13.65 min Scan# 1798
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

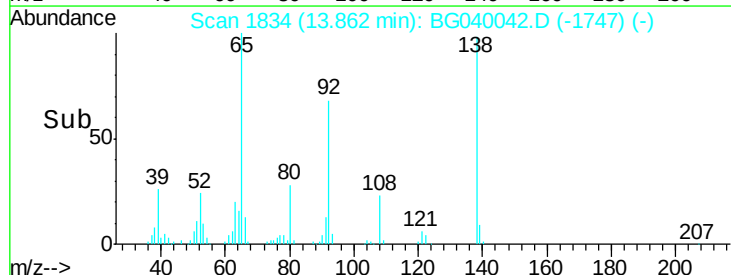
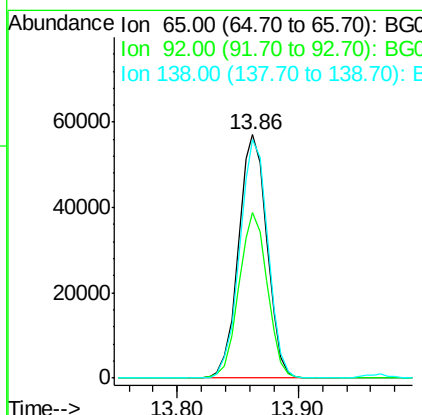
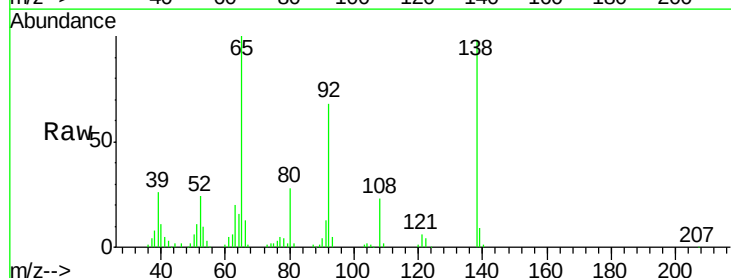
Instrument :
 BNA_G
 ClientSampleId :

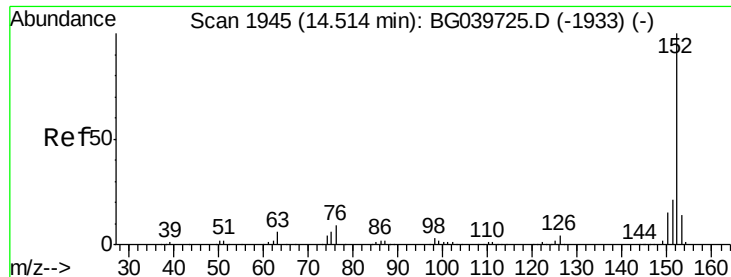
Tot Ion:162 Resp: 280749
 Ion Ratio Lower Upper
 162 100
 127 37.9 31.0 46.6
 164 32.2 25.7 38.5



#48
 2-Nitroaniline
 Concen: 43.454 ng
 RT: 13.86 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion: 65 Resp: 93912
 Ion Ratio Lower Upper
 65 100
 92 68.0 51.4 77.2
 138 97.9 71.4 107.2





#49

Acenaphthylene

Concen: 41.171 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

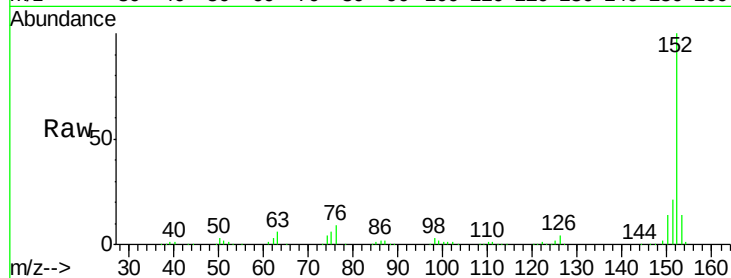
Tot Ion:152 Resp: 454518

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

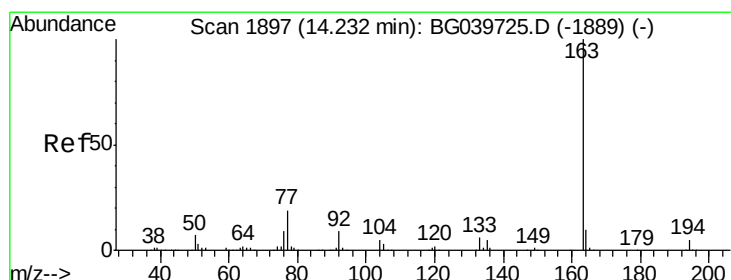
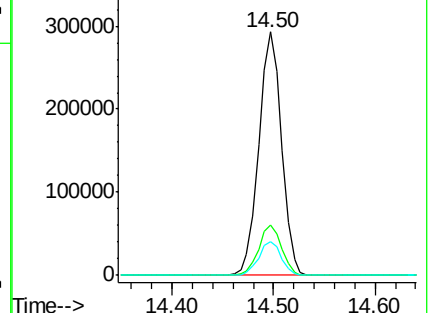
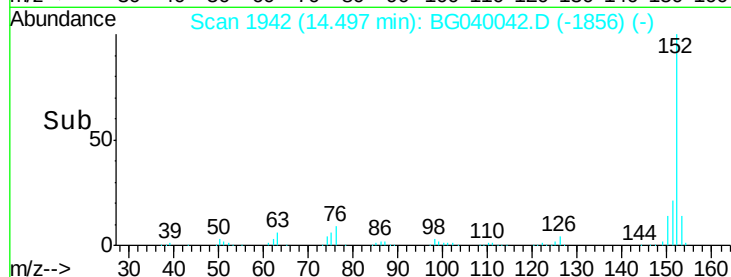
153 13.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.976 ng

RT: 14.21 min Scan# 1894

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

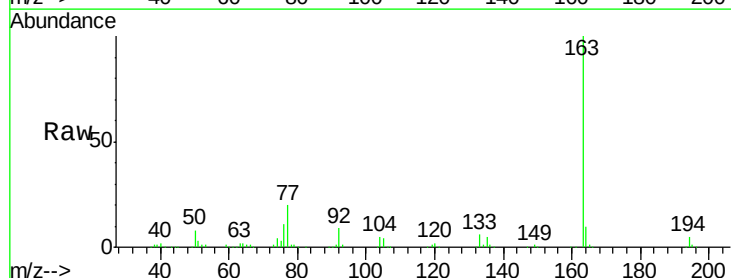
Tgt Ion:163 Resp: 381487

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

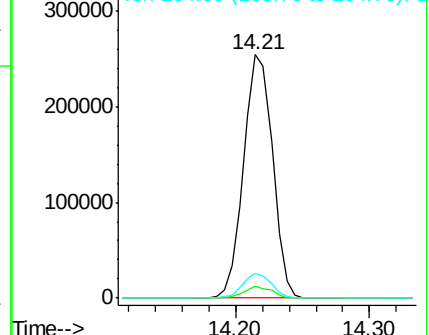
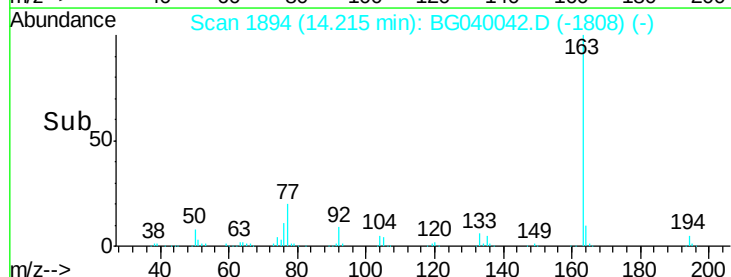
164 10.3 8.4 12.6

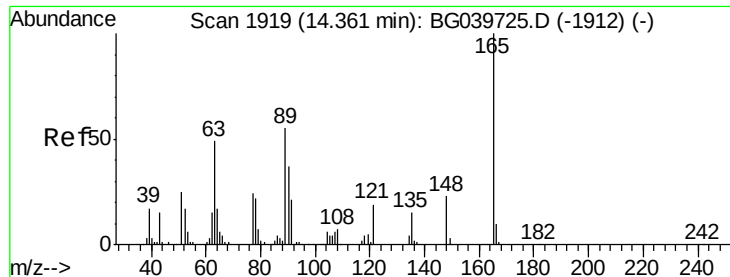


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

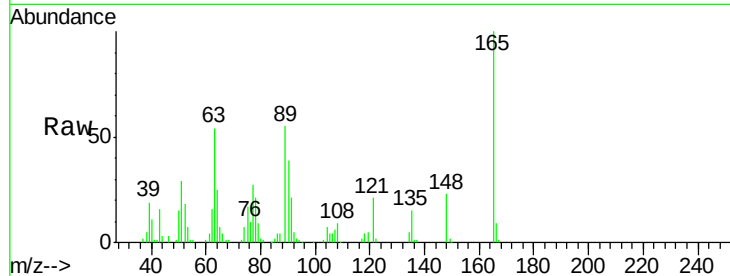




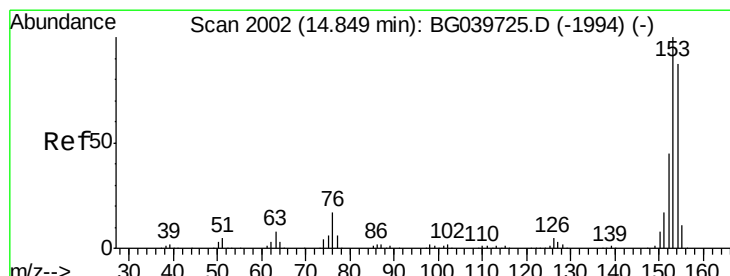
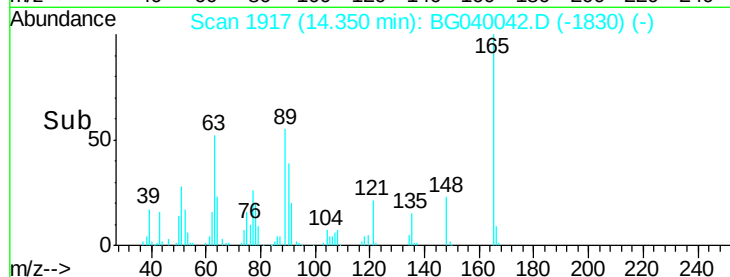
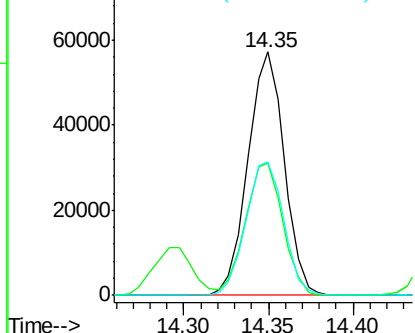
#51
 2,6-Dinitrotoluene
 Concen: 44.249 ng
 RT: 14.35 min Scan# 1917
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	165	Resp	85253
Ion Ratio	Lower	Upper	
165	100		
63	54.4	47.0	70.6
89	54.9	45.8	68.8

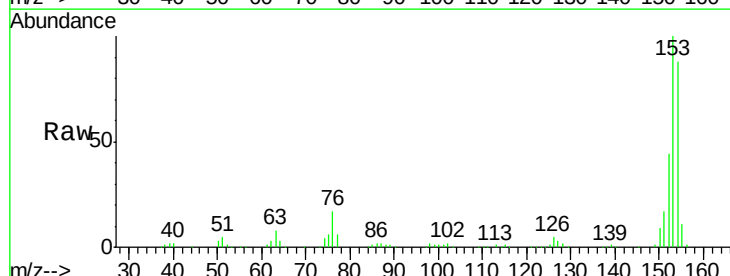


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

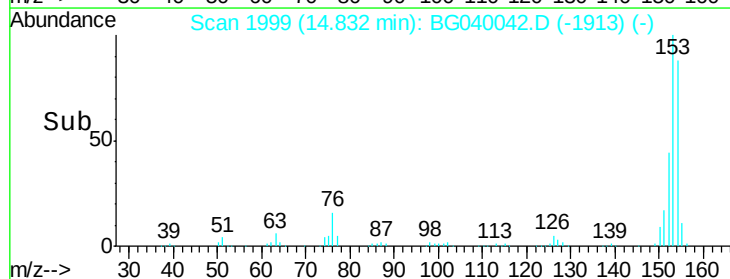
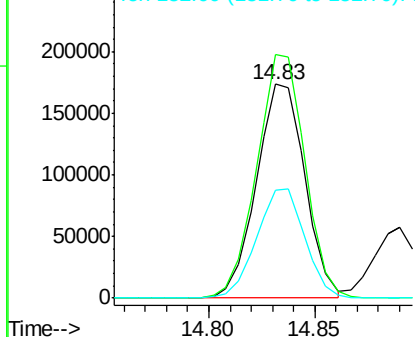


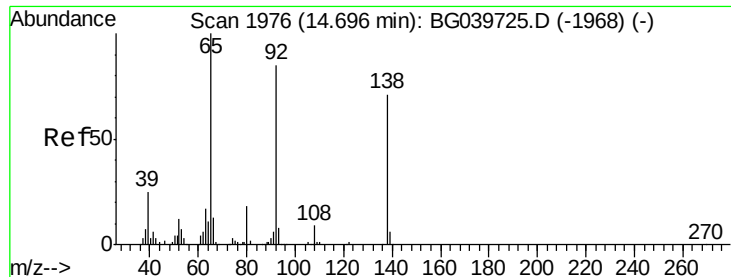
#52
 Acenaphthene
 Concen: 41.635 ng
 RT: 14.83 min Scan# 1999
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion	154	Resp	276646
Ion Ratio	Lower	Upper	
154	100		
153	114.0	90.1	135.1
152	50.7	40.9	61.3



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

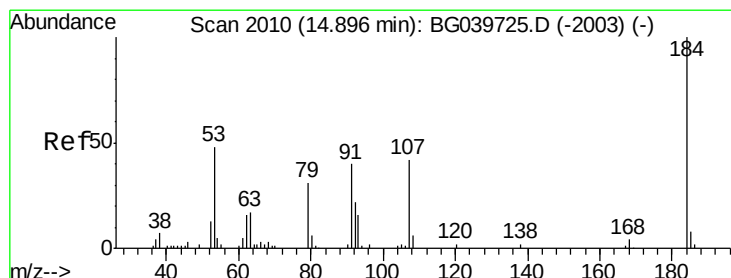
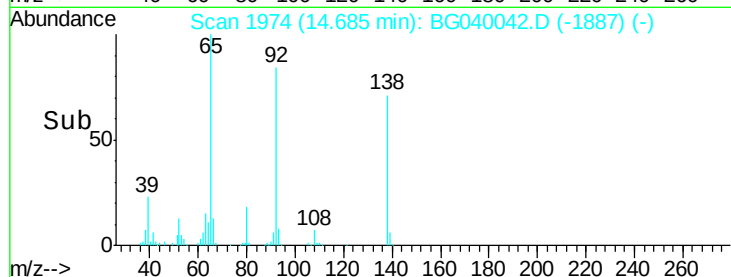
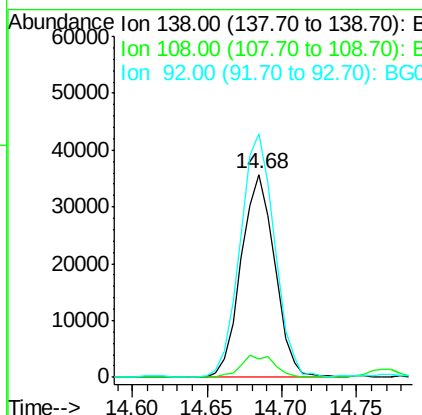
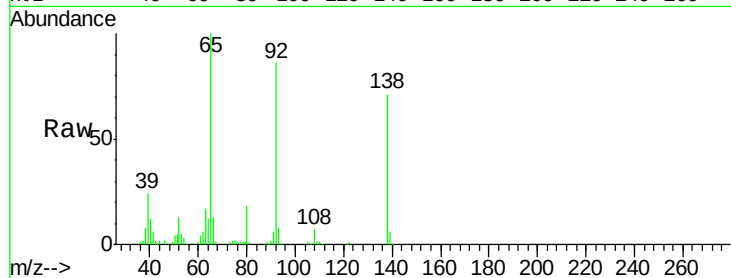




#53
3-Nitroaniline
Concen: 28.775 ng
RT: 14.68 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

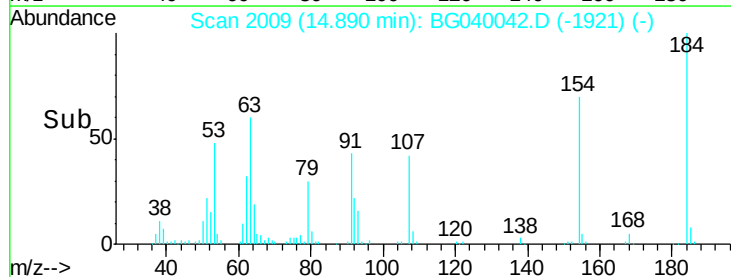
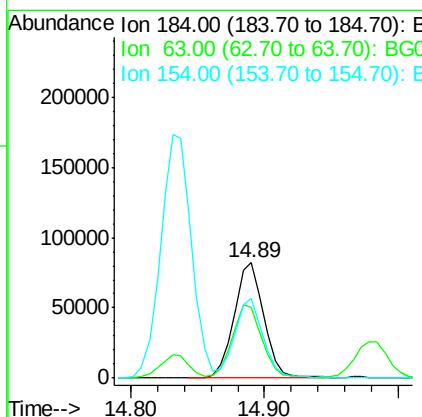
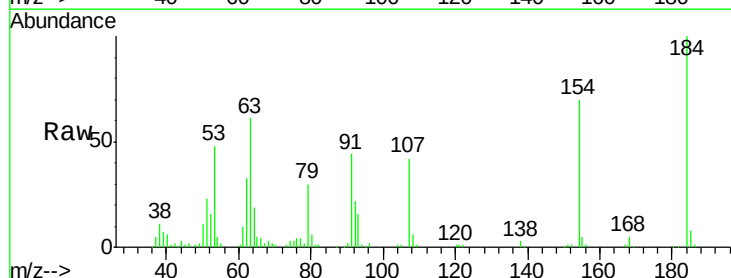
Instrument :
BNA_G
ClientSampleId :

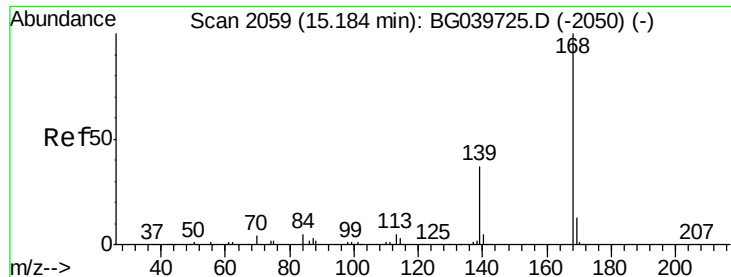
Tot Ion:138 Resp: 55729
Ion Ratio Lower Upper
138 100
108 9.2 13.8 20.8#
92 120.1 103.7 155.5



#54
2,4-Dinitrophenol
Concen: 102.985 ng
RT: 14.89 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:184 Resp: 127092
Ion Ratio Lower Upper
184 100
63 61.0 50.9 76.3
154 69.6 53.0 79.6

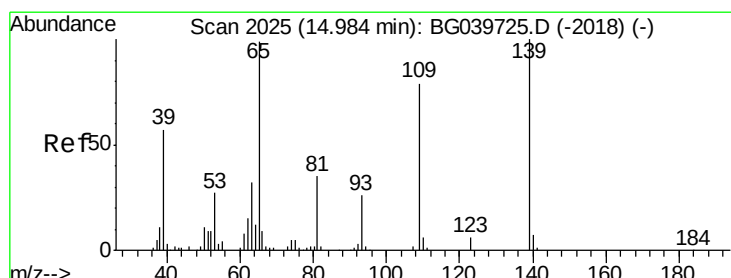
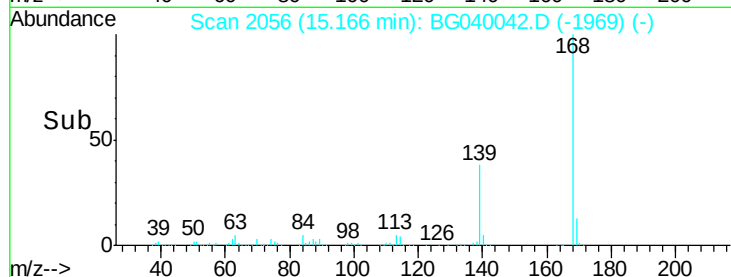
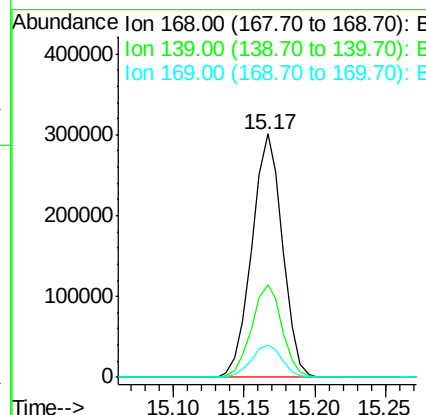
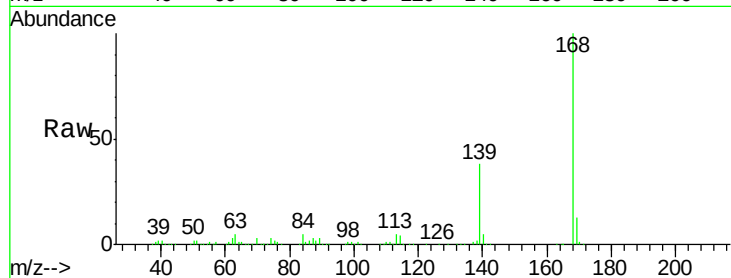




#55
Dibenzenofuran
Concen: 42.014 ng
RT: 15.17 min Scan# 2056
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

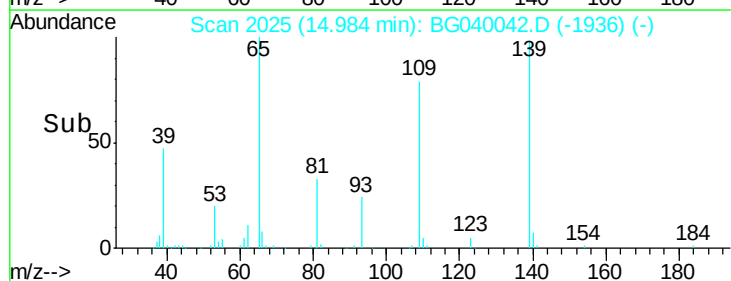
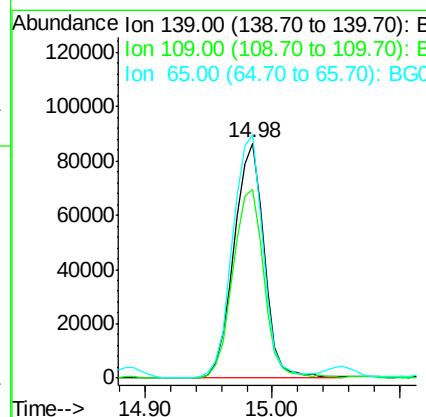
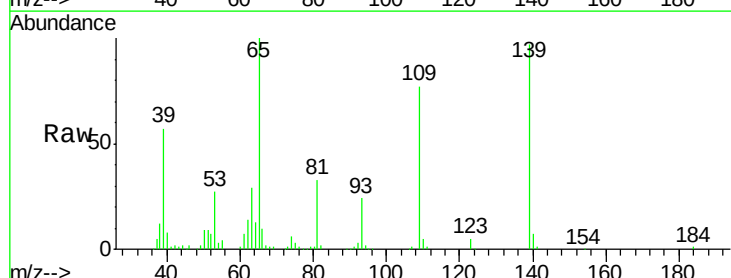
Instrument :
BNA_G
ClientSampleId :

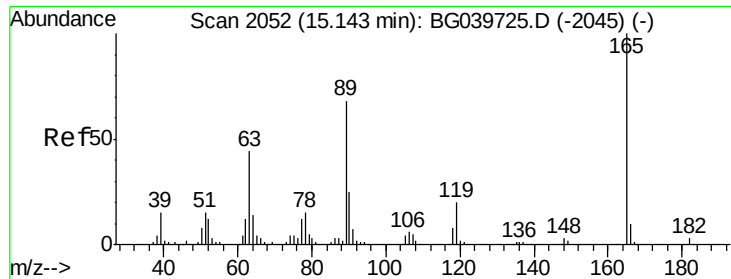
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.0	30.1	45.1
169	13.3	10.6	16.0



#56
4-Nitrophenol
Concen: 82.133 ng
RT: 14.98 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	80.2	61.9	101.9
65	103.5	99.1	139.1

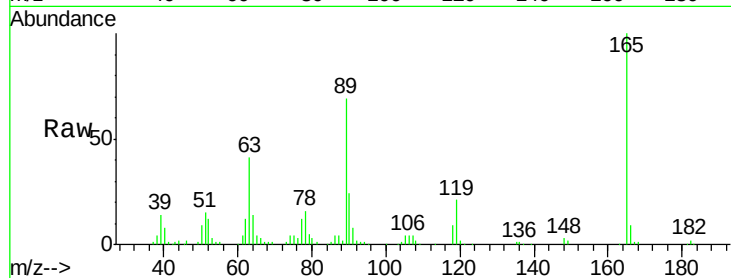




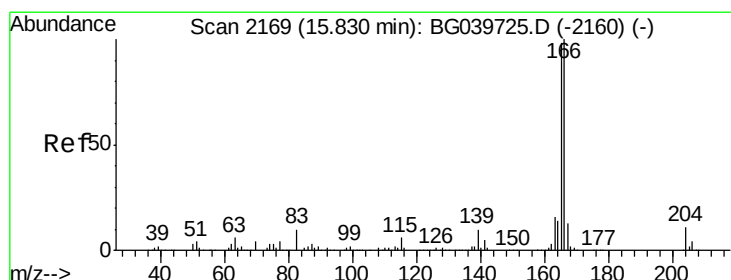
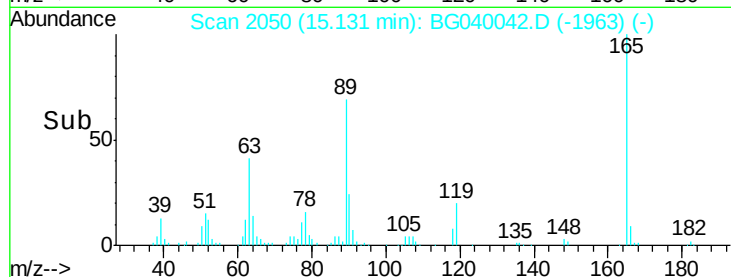
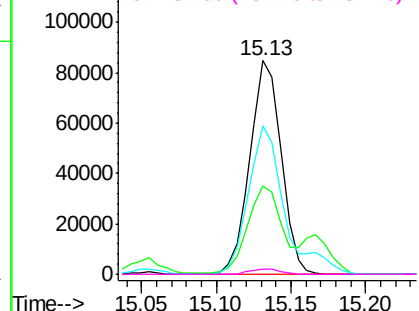
#57
 2,4-Dinitrotoluene
 Concen: 45.298 ng
 RT: 15.13 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165	Resp:	122630
Ion	Ratio	Lower Upper
165	100	
63	41.5	41.0 61.6
89	69.4	64.6 96.8
182	2.4	2.0 3.0

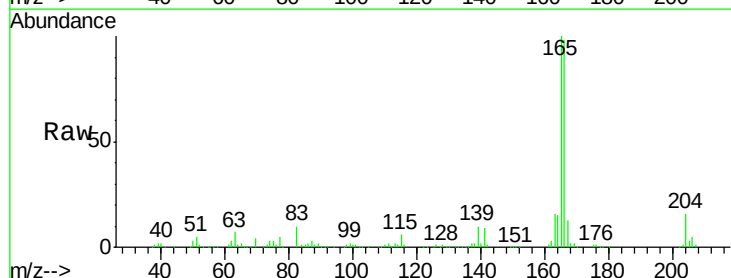


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

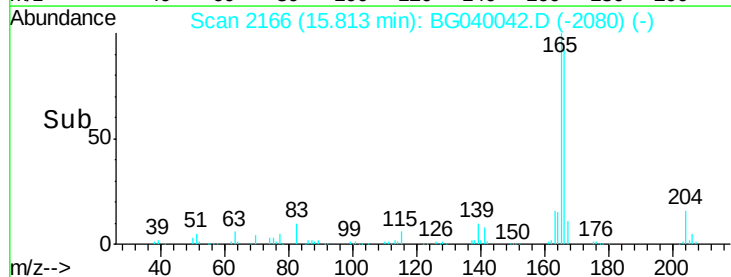
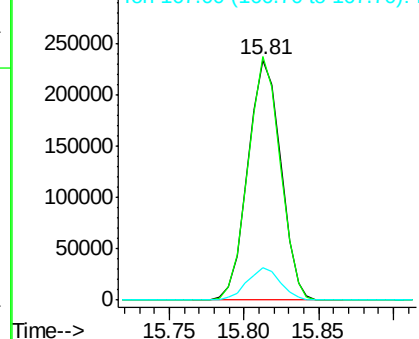


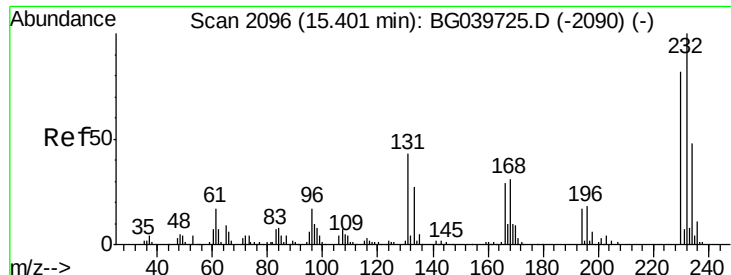
#58
 Fluorene
 Concen: 41.565 ng
 RT: 15.81 min Scan# 2166
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:166	Resp:	356214
Ion	Ratio	Lower Upper
166	100	
165	101.5	77.9 116.9
167	13.6	10.8 16.2



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

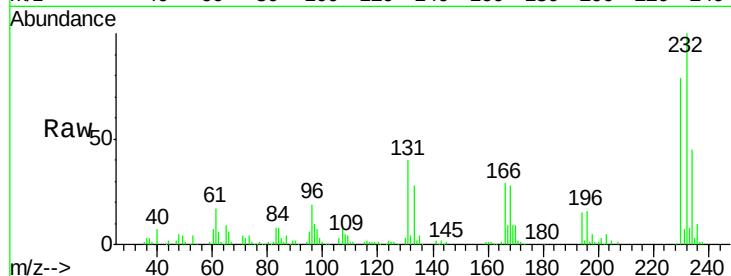




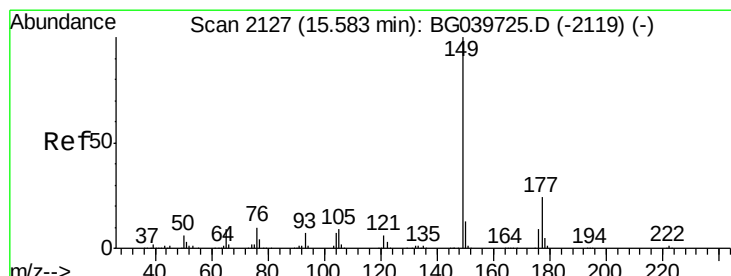
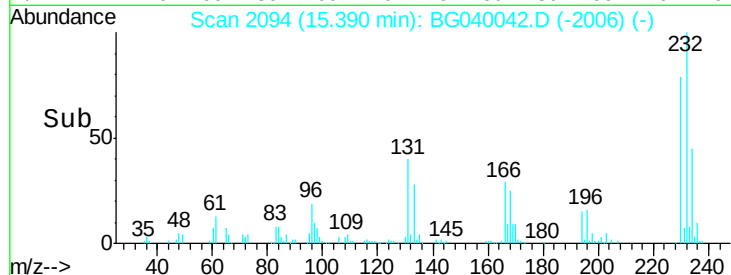
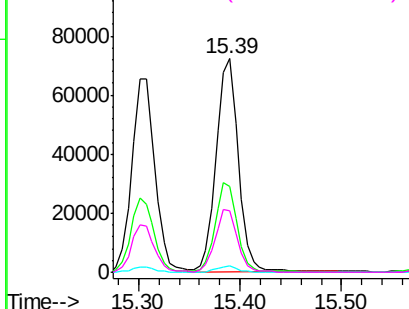
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.256 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	232	Resp:	109766
Ion	Ratio	Lower	Upper
232	100		
131	41.6	34.9	52.3
130	2.7	2.0	3.0
166	29.5	24.1	36.1

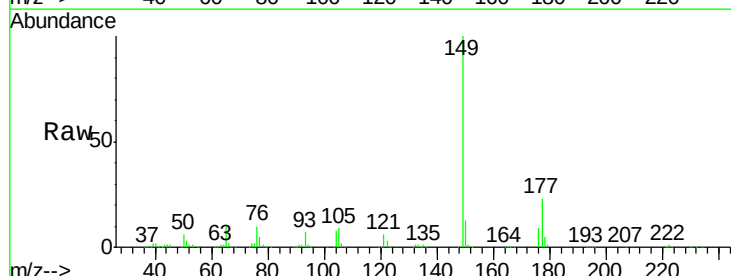


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

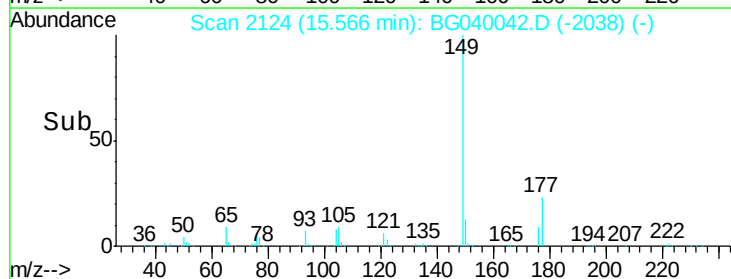
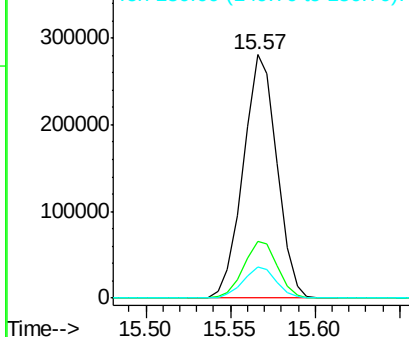


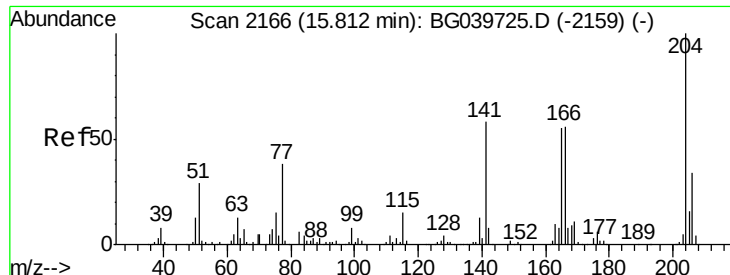
#60
Diethylphthalate
Concen: 43.254 ng
RT: 15.57 min Scan# 2124
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:	149	Resp:	389142
Ion	Ratio	Lower	Upper
149	100		
177	23.2	18.3	27.5
150	12.9	10.2	15.2



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

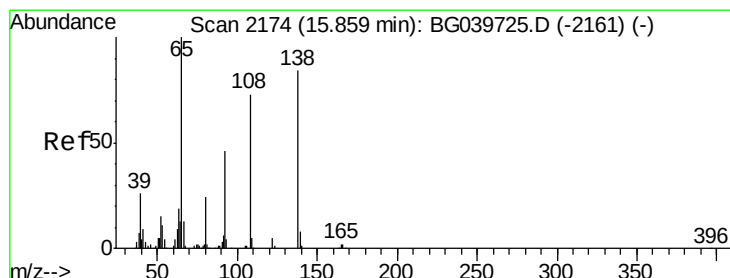
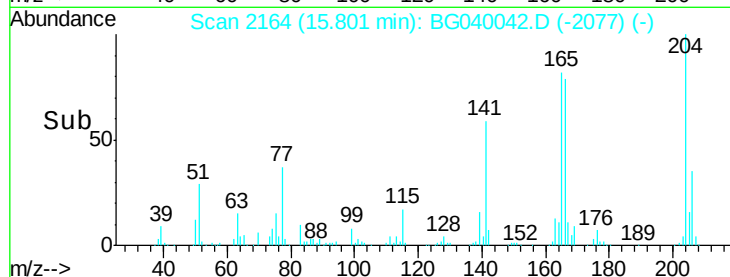
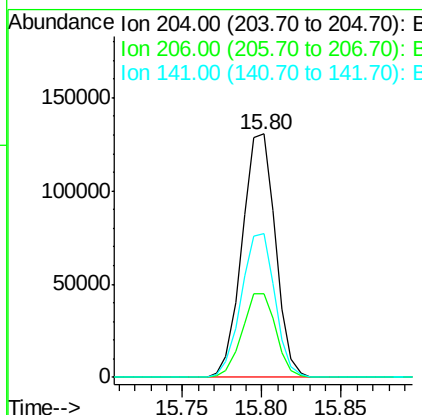
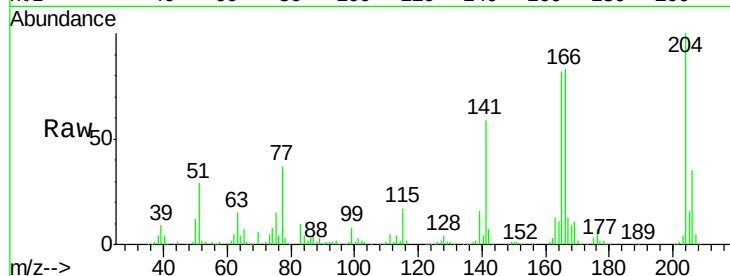




#61
4-Chlorophenyl-phenylether
Concen: 41.650 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

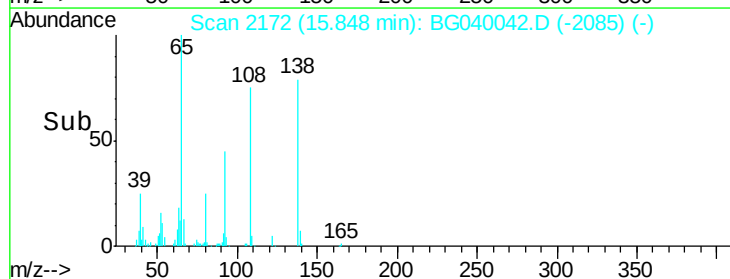
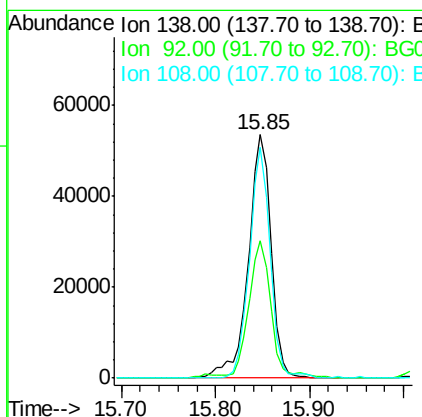
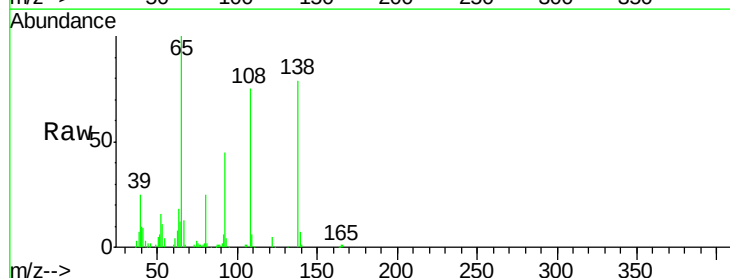
Instrument :
BNA_G
ClientSampled :

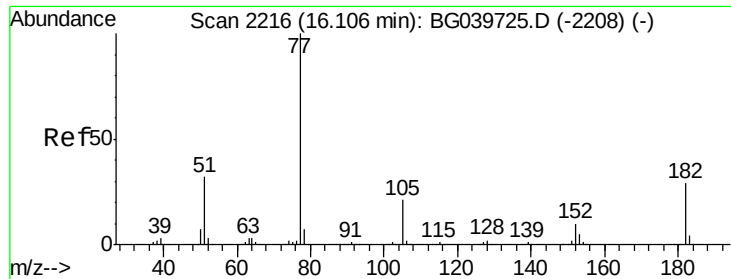
Tot Ion:204 Resp: 190477
Ion Ratio Lower Upper
204 100
206 34.6 29.2 43.8
141 59.2 49.0 73.4



#62
4-Nitroaniline
Concen: 42.907 ng
RT: 15.85 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:138 Resp: 90087
Ion Ratio Lower Upper
138 100
92 56.6 38.7 78.7
108 94.9 74.6 114.6





#63

Azobenzene

Concen: 42.926 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 350072

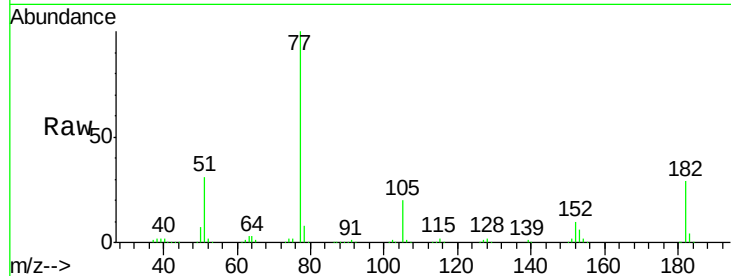
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 20.4 0.0 39.8

51 31.5 14.1 54.1

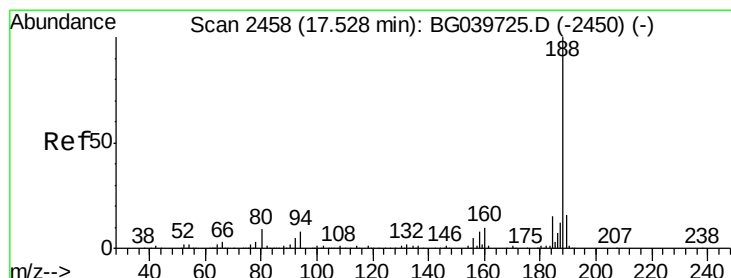
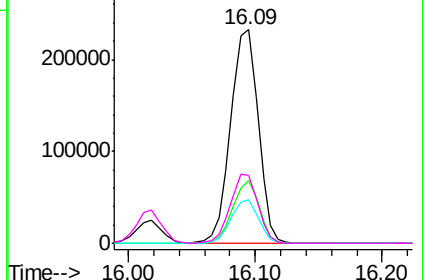
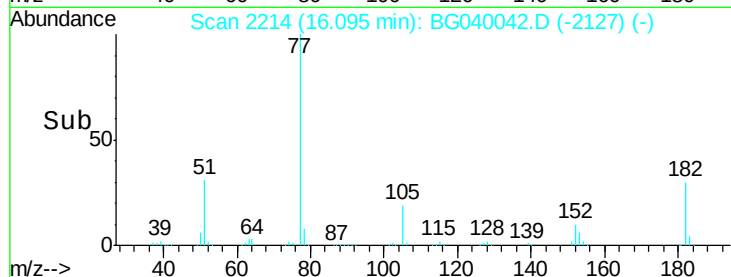


Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

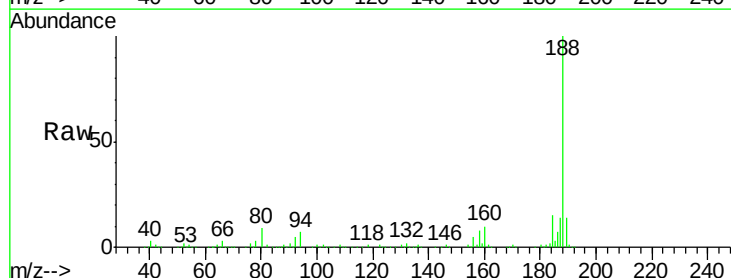
Tgt Ion: 188 Resp: 276069

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

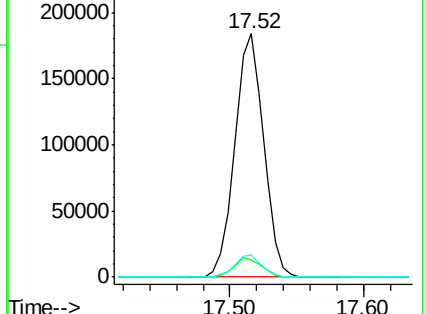
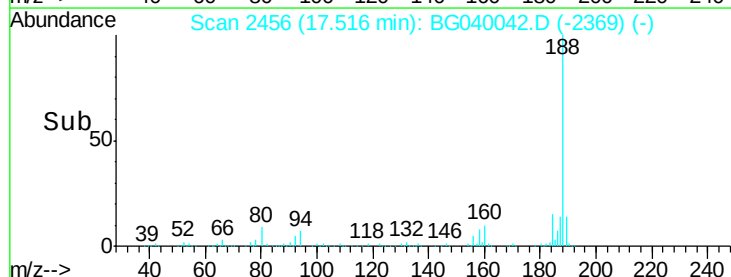
80 9.0 8.1 12.1

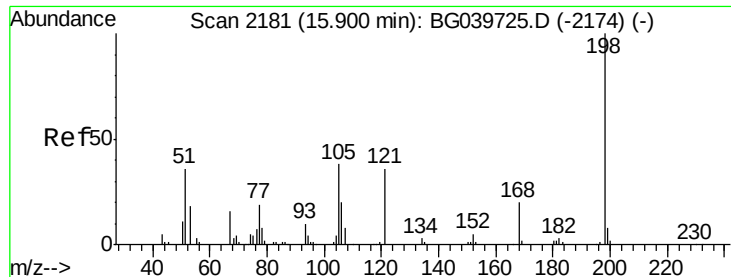


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

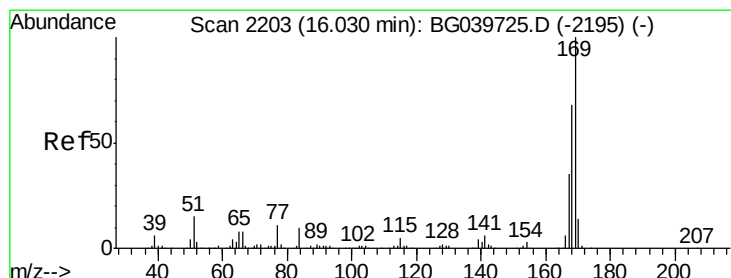
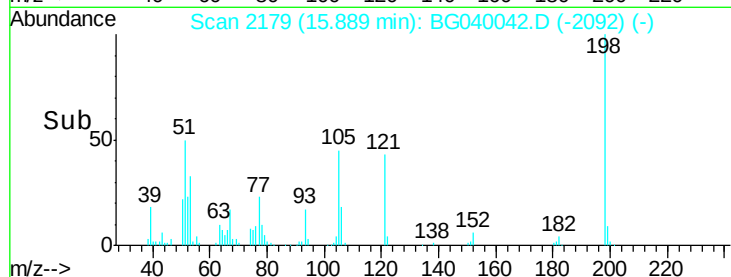
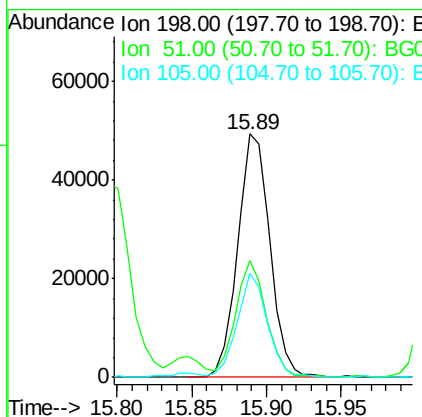
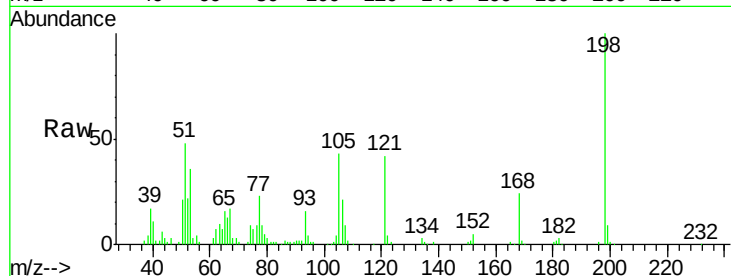




#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.153 ng
 RT: 15.89 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

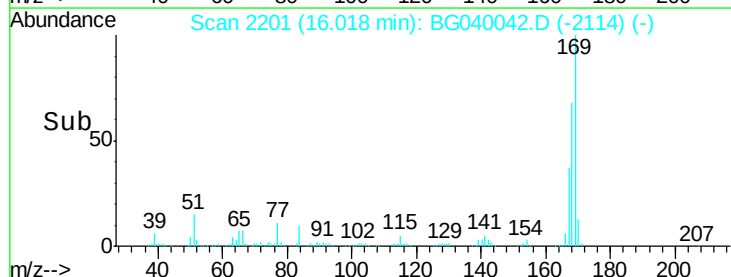
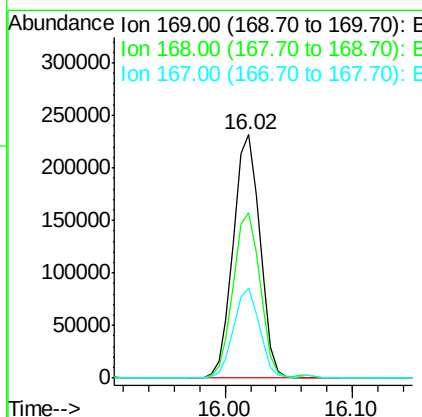
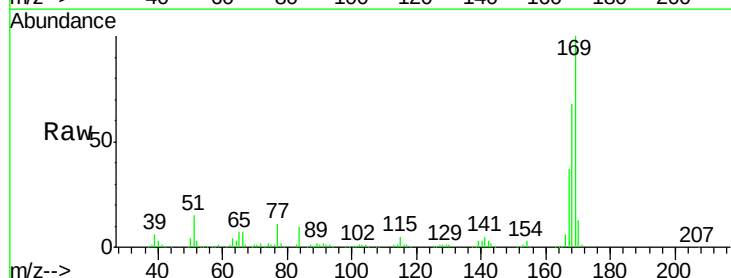
Instrument :
 BNA_G
 ClientSampleId :

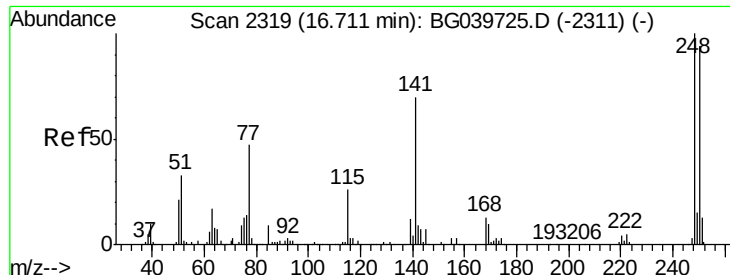
Tot Ion:198 Resp: 73703
 Ion Ratio Lower Upper
 198 100
 51 47.9 27.4 67.4
 105 42.9 19.7 59.7



#66
 n-Nitrosodiphenylamine
 Concen: 42.126 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:169 Resp: 336680
 Ion Ratio Lower Upper
 169 100
 168 68.1 56.6 85.0
 167 36.8 28.8 43.2

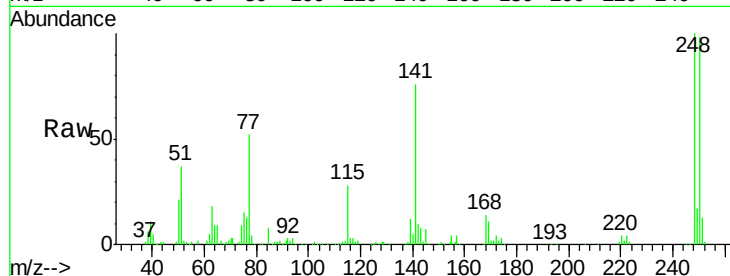




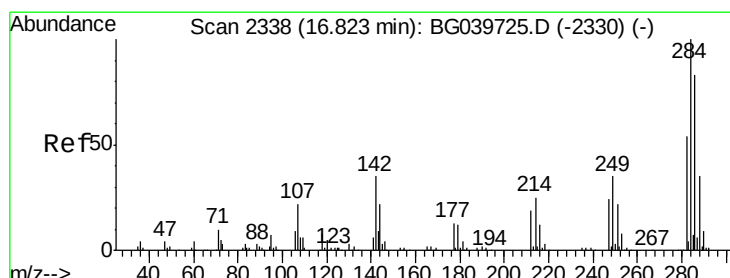
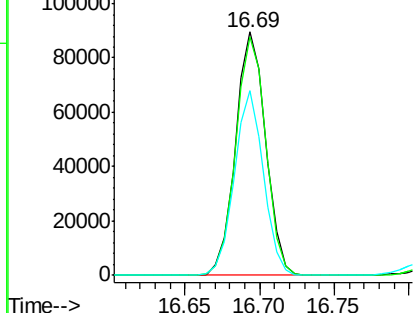
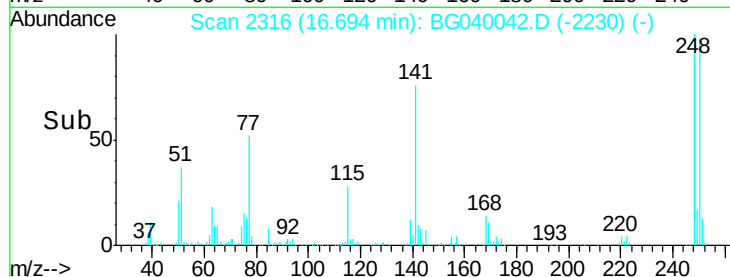
#67
4-Bromophenyl-phenylether
Concen: 40.608 ng
RT: 16.69 min Scan# 2316
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion:248 Resp: 125484
Ion Ratio Lower Upper
248 100
250 98.1 77.6 116.4
141 76.0 63.9 95.9

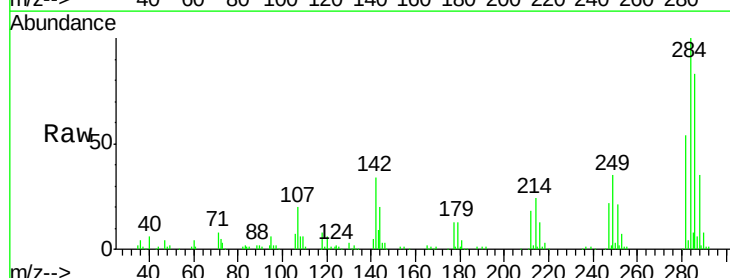


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

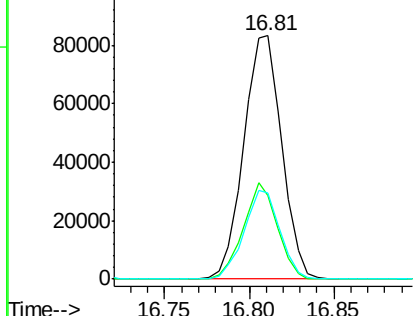
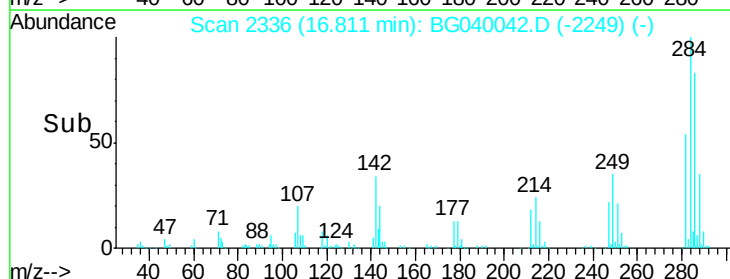


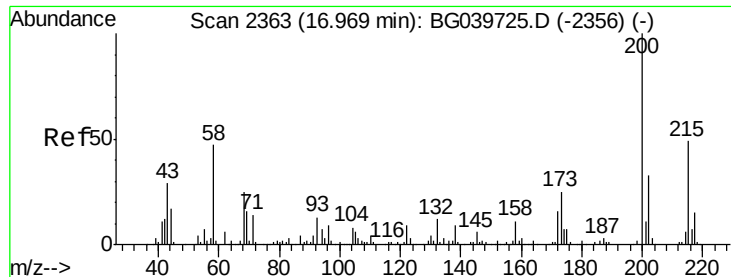
#68
Hexachlorobenzene
Concen: 40.621 ng
RT: 16.81 min Scan# 2336
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:284 Resp: 130115
Ion Ratio Lower Upper
284 100
142 34.2 30.6 45.8
249 35.3 28.2 42.2



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

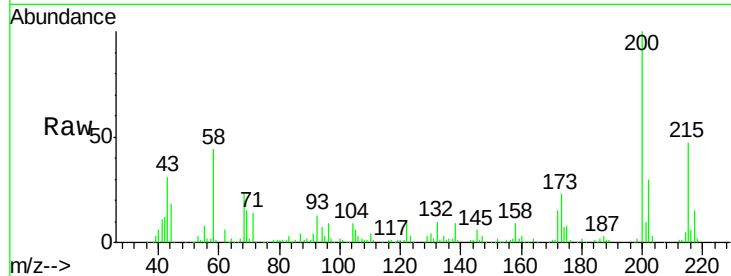




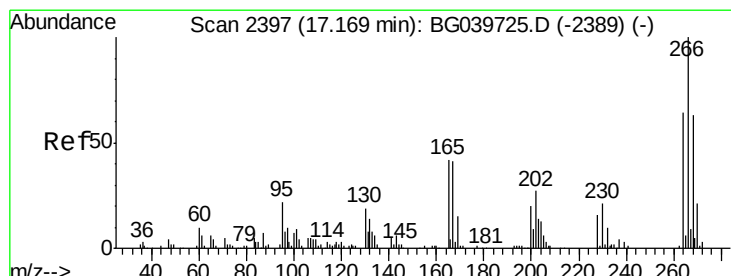
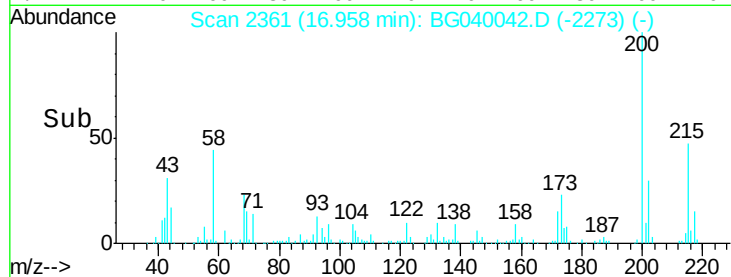
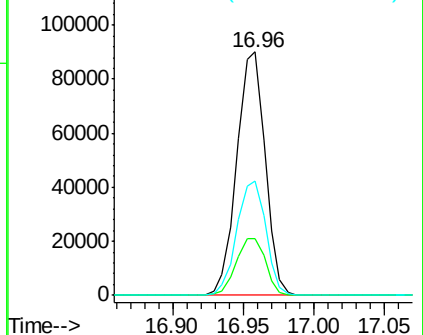
#69
 Atrazine
 Concen: 40.262 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	46.8	30.9	70.9

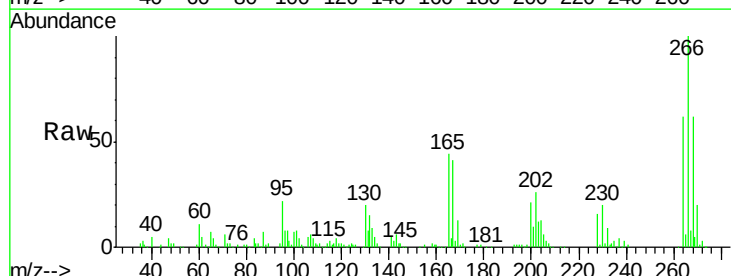


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

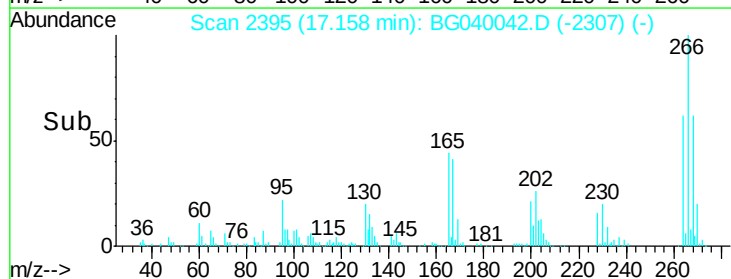
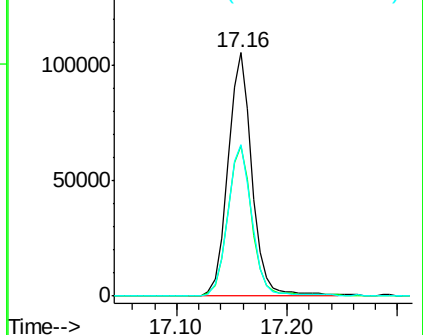


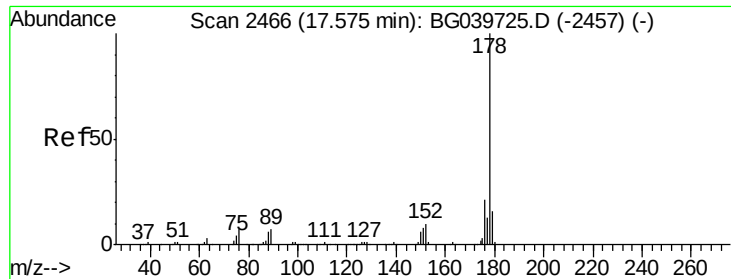
#70
 Pentachlorophenol
 Concen: 79.459 ng
 RT: 17.16 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
266	100		
268	61.9	51.1	76.7
264	62.1	52.1	78.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

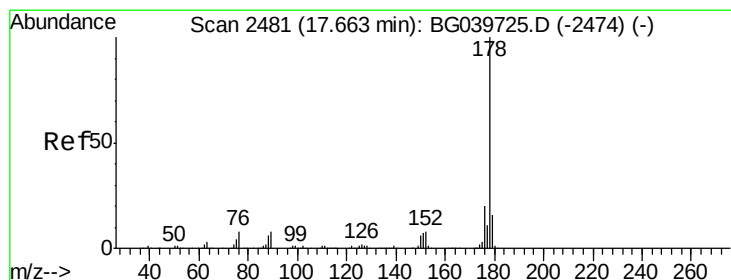
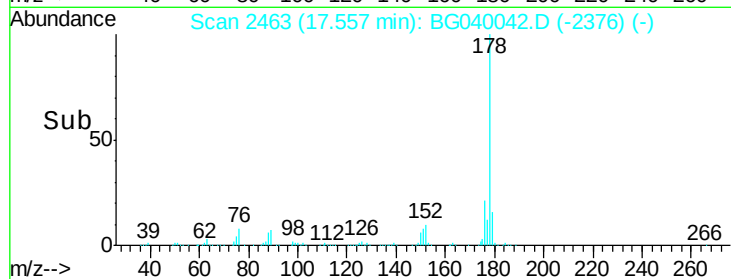
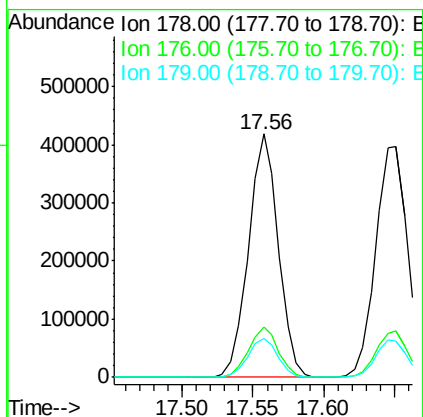
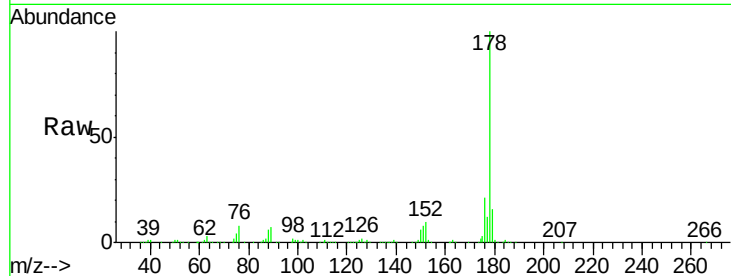




#71
 Phenanthrene
 Concen: 40.825 ng
 RT: 17.56 min Scan# 2463
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

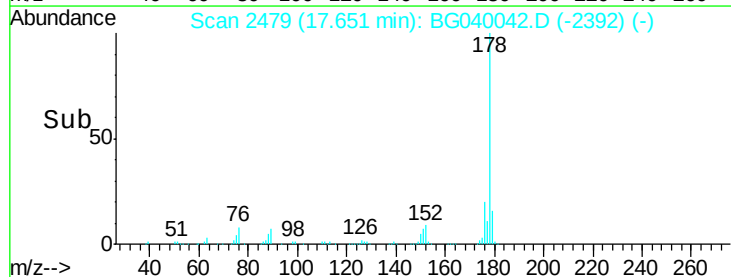
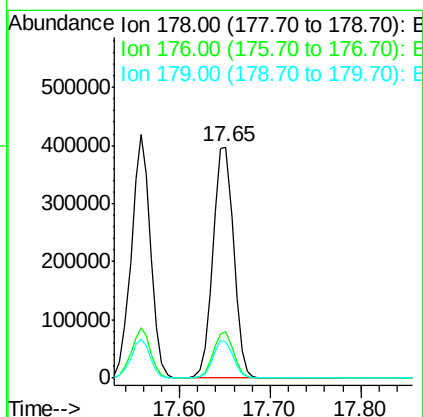
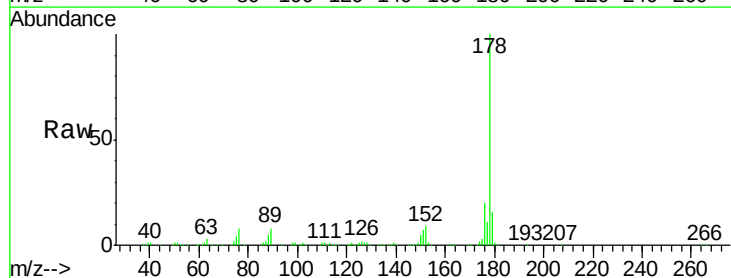
Instrument :
 BNA_G
 ClientSampleId :

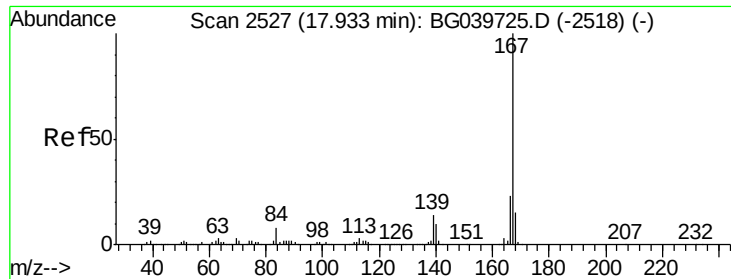
Tot Ion:178 Resp: 620792
 Ion Ratio Lower Upper
 178 100
 176 20.9 16.2 24.4
 179 16.0 12.6 19.0



#72
 Anthracene
 Concen: 42.278 ng
 RT: 17.65 min Scan# 2479
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:178 Resp: 626483
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.8 23.6
 179 15.7 12.5 18.7

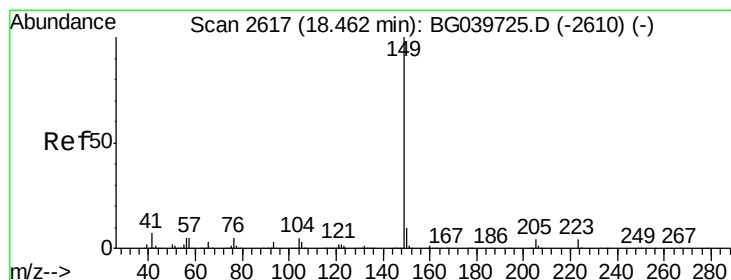
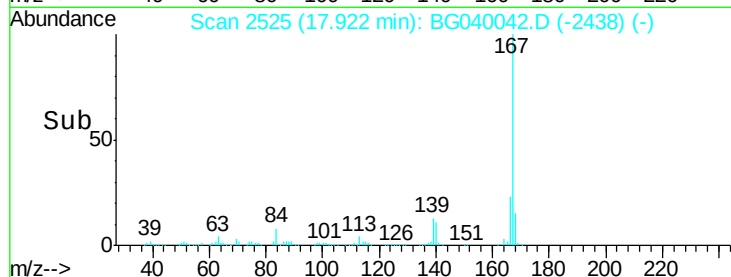
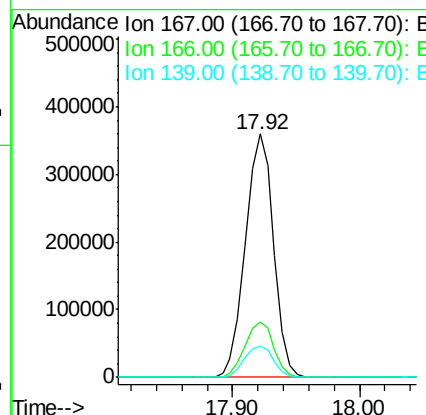
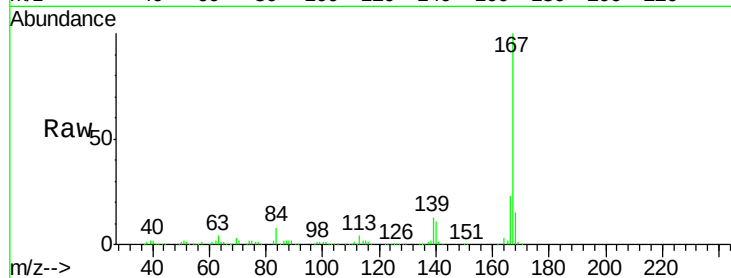




#73
 Carbazole
 Concen: 41.497 ng
 RT: 17.92 min Scan# 2525
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

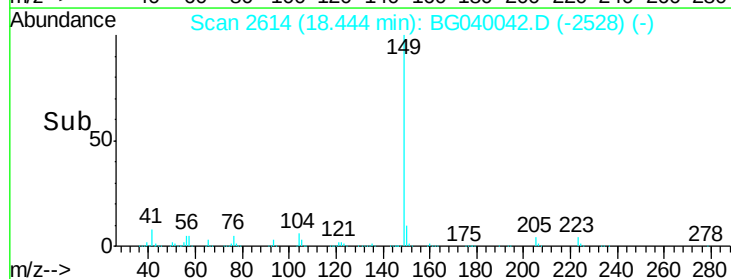
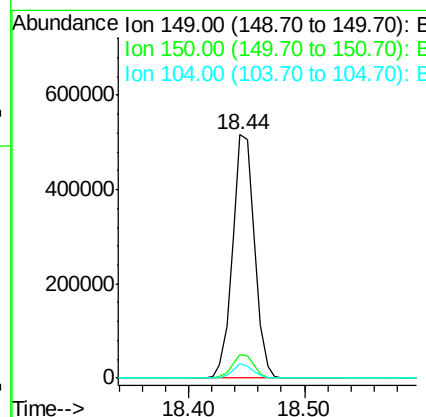
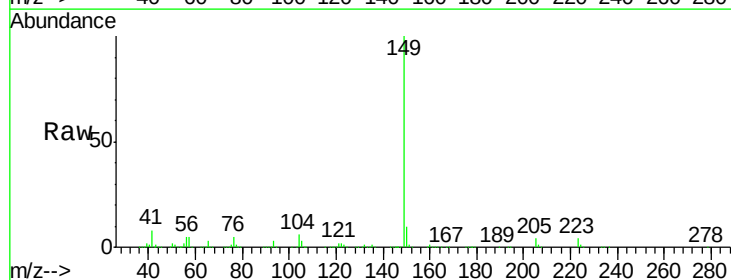
Instrument :
 BNA_G
 ClientSampled :

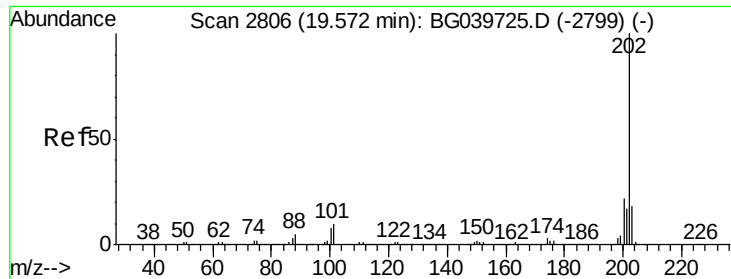
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.0	19.4	29.2
139	13.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 42.864 ng
 RT: 18.44 min Scan# 2614
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	5.8	4.5	6.7





#75

Fluoranthene

Concen: 41.437 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

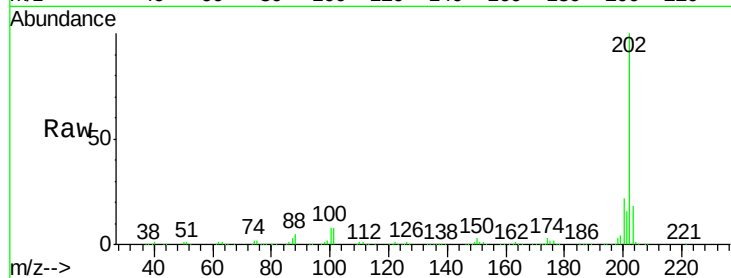
Tot Ion:202 Resp: 744663

Ion Ratio Lower Upper

202 100

101 8.3 0.0 30.0

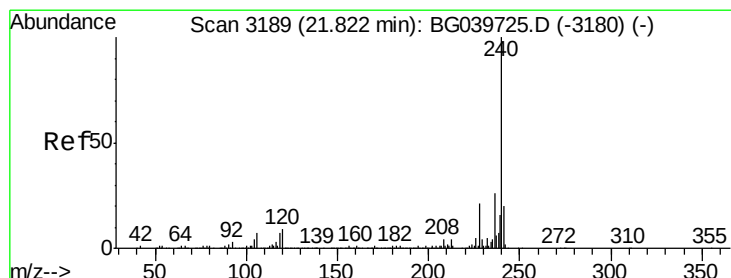
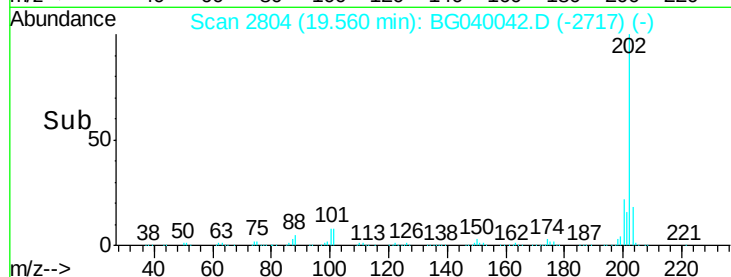
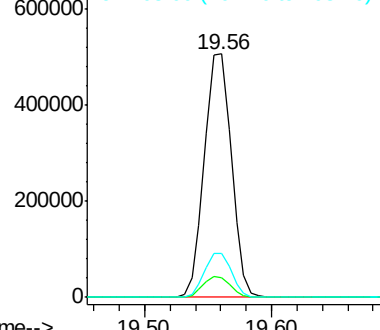
203 18.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.03 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

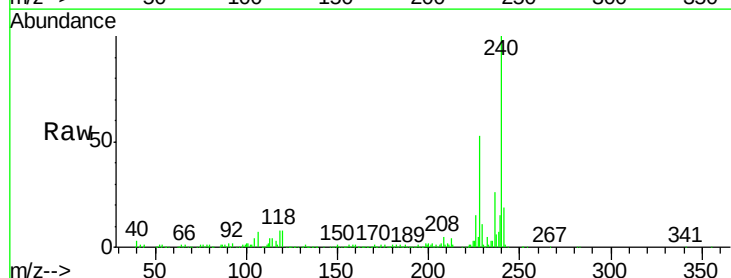
Tgt Ion:240 Resp: 269992

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

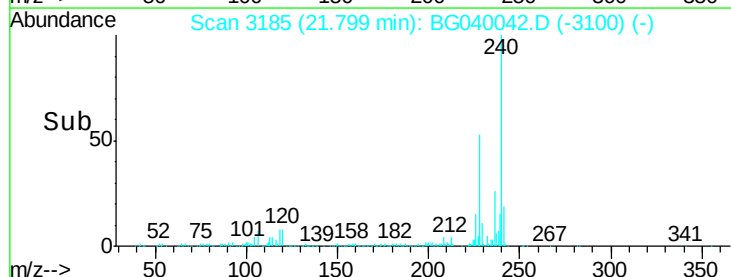
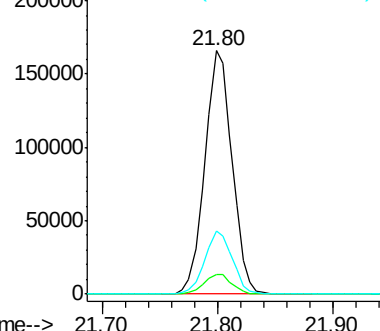
236 25.9 21.0 31.4

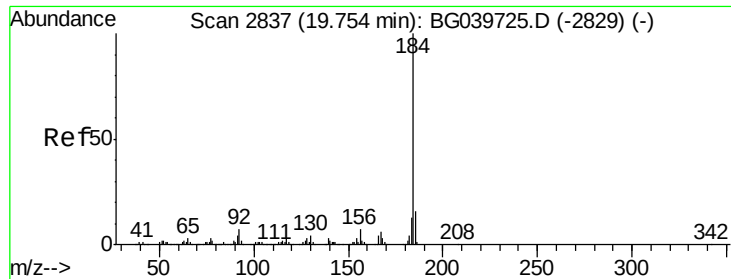


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.151 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

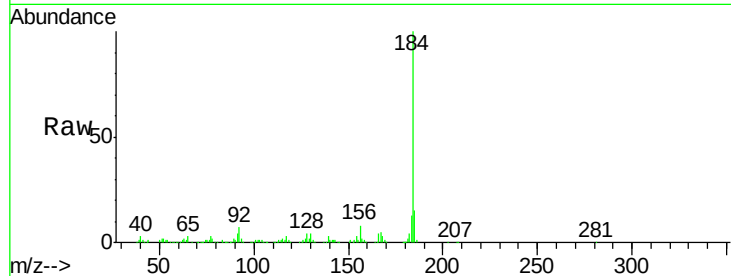
Tot Ion:184 Resp: 275459

Ion	Ratio	Lower	Upper
184	100		
185	15.5	12.2	18.2
183	13.1	10.6	15.8

184 100

185 15.5 12.2 18.2

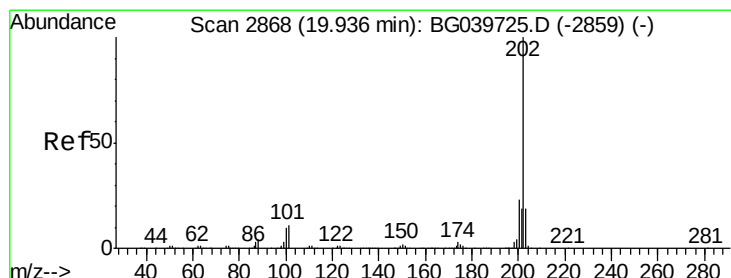
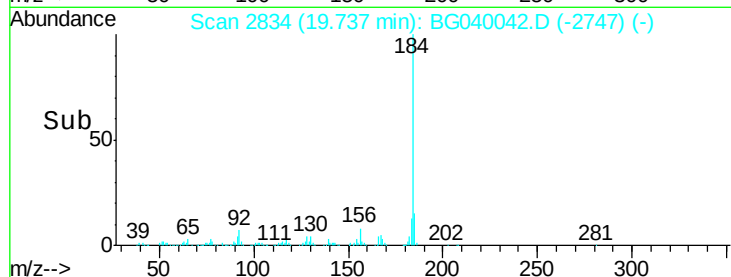
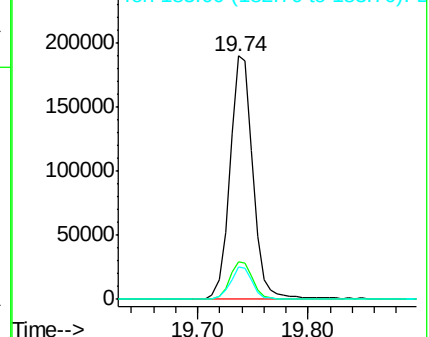
183 13.1 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.033 ng

RT: 19.92 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

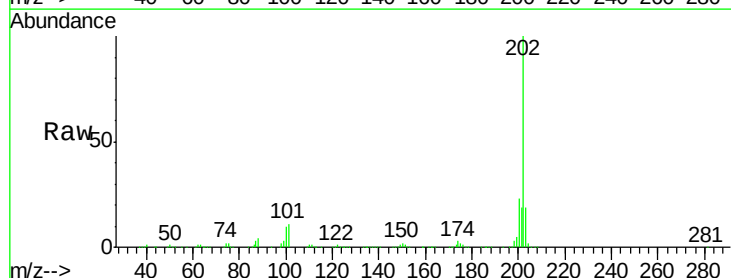
Tgt Ion:202 Resp: 737443

Ion	Ratio	Lower	Upper
202	100		
200	22.7	17.8	26.8
203	18.8	15.3	22.9

202 100

200 22.7 17.8 26.8

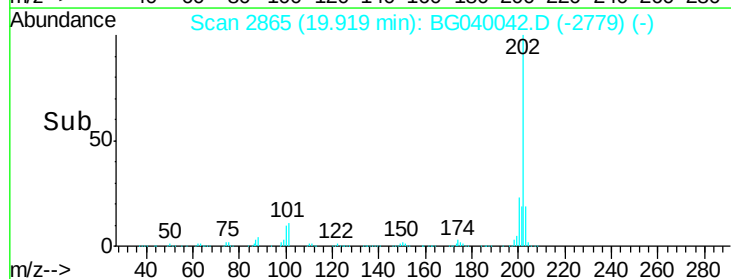
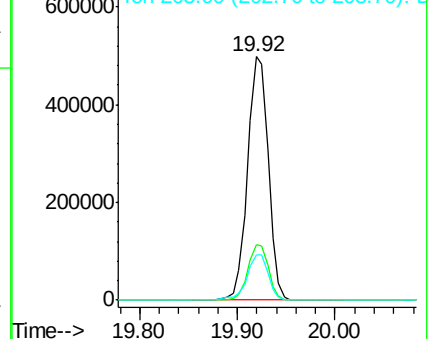
203 18.8 15.3 22.9

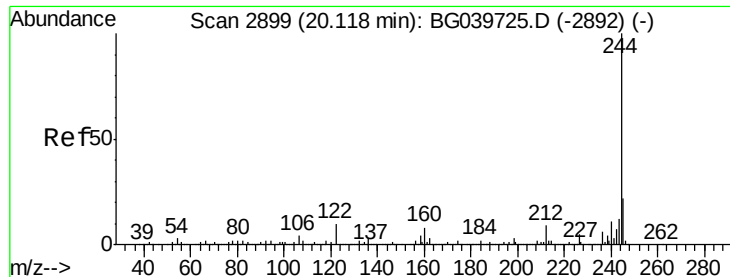


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.573 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampled :

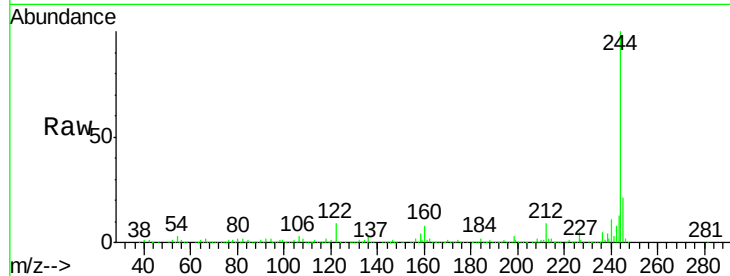
Tot Ion:244 Resp: 1000276

Ion Ratio Lower Upper

244 100

212 8.8 7.3 10.9

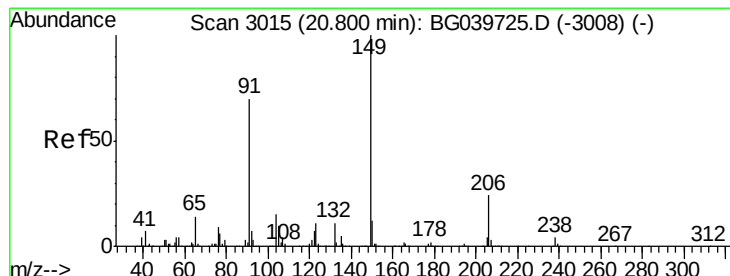
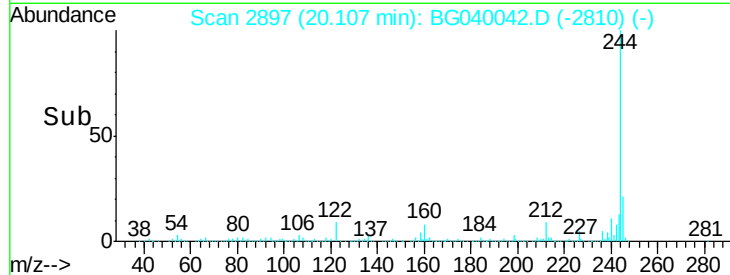
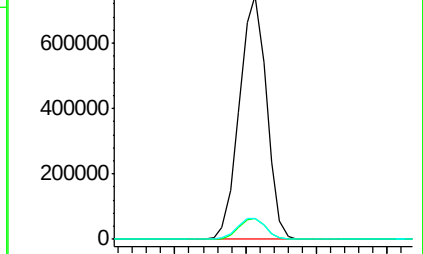
122 8.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.090 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

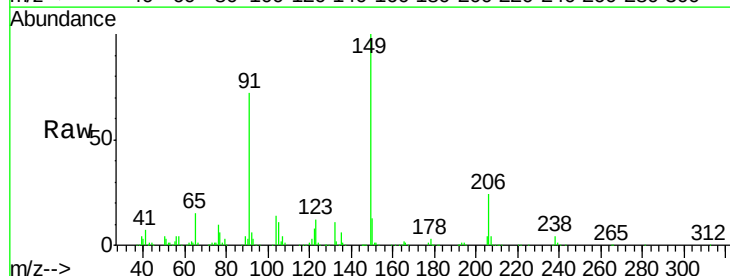
Tgt Ion:149 Resp: 299683

Ion Ratio Lower Upper

149 100

91 71.5 59.5 89.3

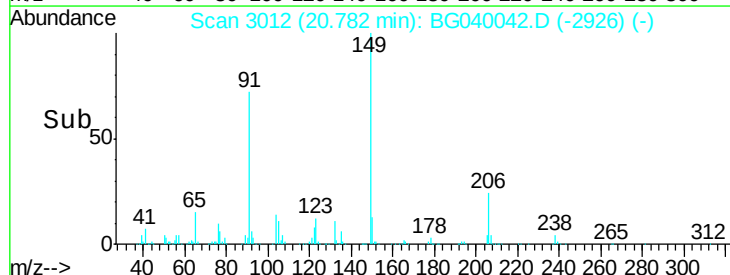
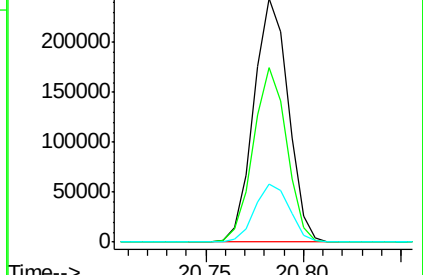
206 24.0 18.6 27.8

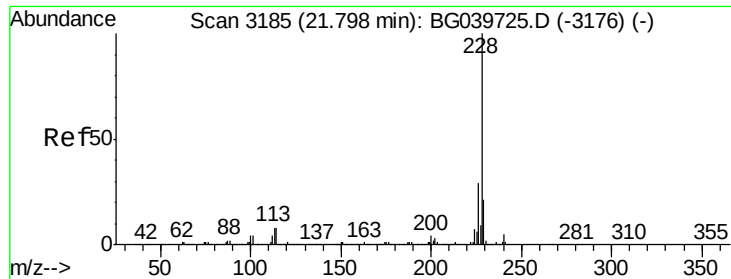


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

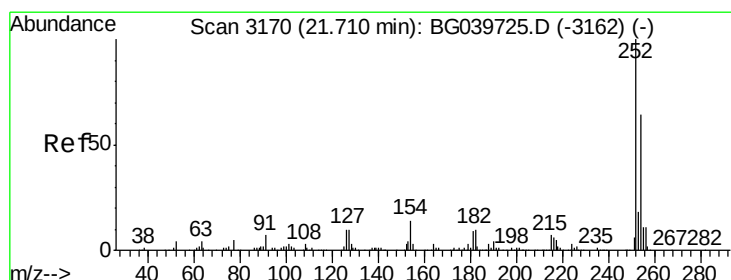
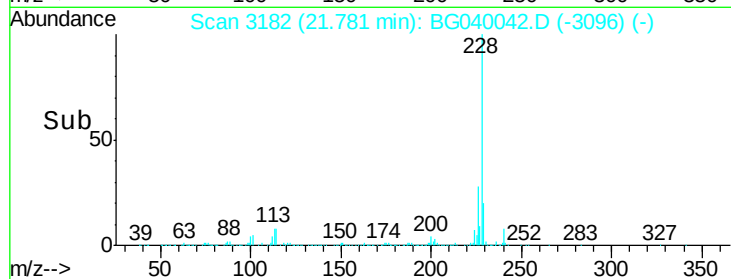
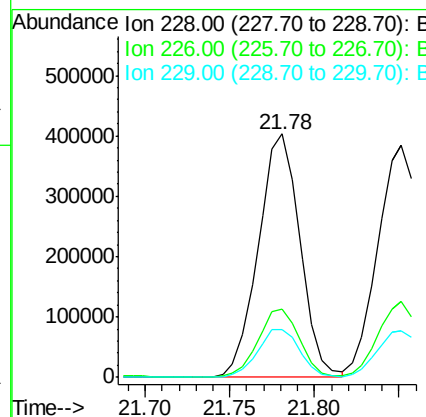
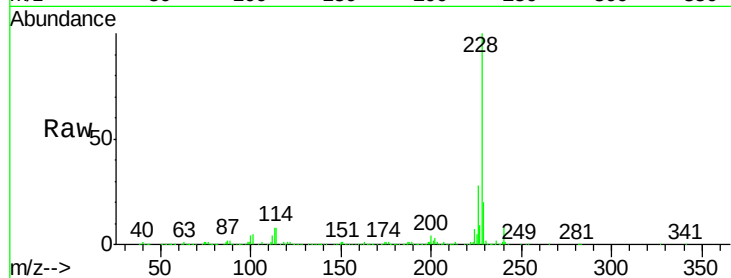




#81
Benzo(a)anthracene
Concen: 40.833 ng
RT: 21.78 min Scan# 3182
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

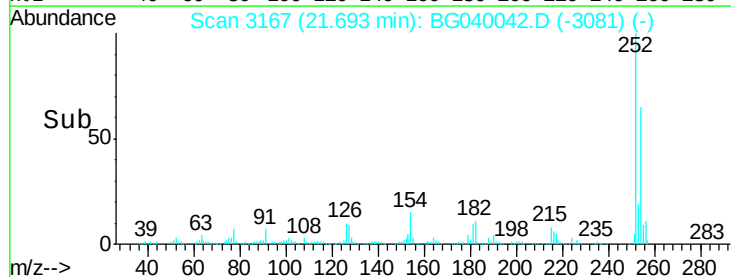
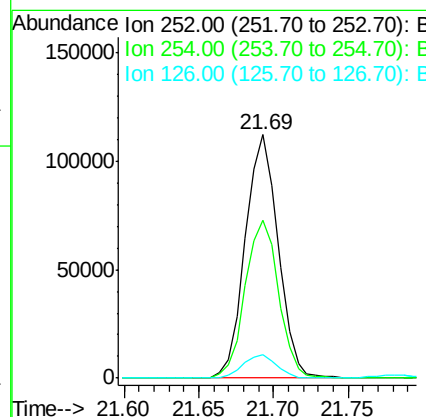
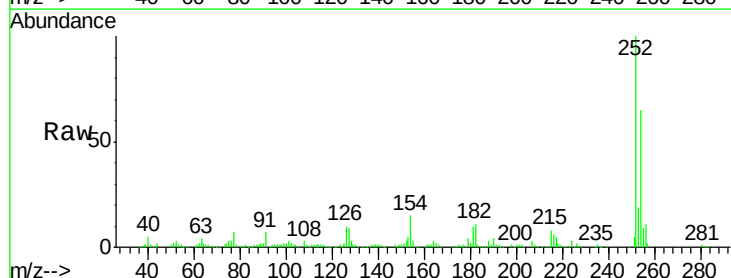
Instrument :
BNA_G
ClientSampleId :

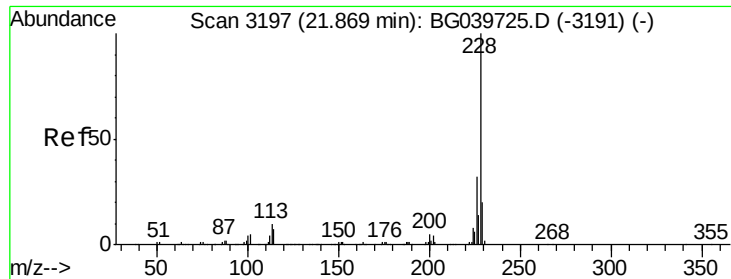
Tot Ion:228 Resp: 690943
Ion Ratio Lower Upper
228 100
226 28.1 23.0 34.6
229 19.8 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 27.725 ng
RT: 21.69 min Scan# 3167
Delta R.T. -0.02 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion:252 Resp: 171283
Ion Ratio Lower Upper
252 100
254 64.9 51.3 76.9
126 9.8 8.0 12.0

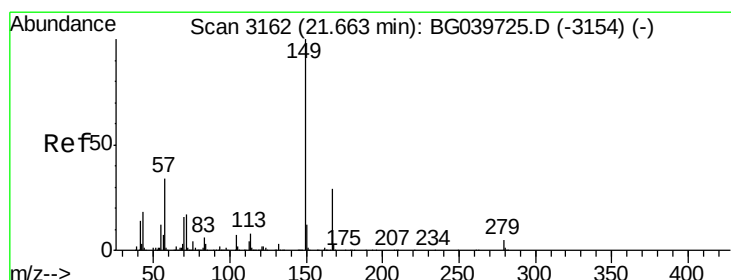
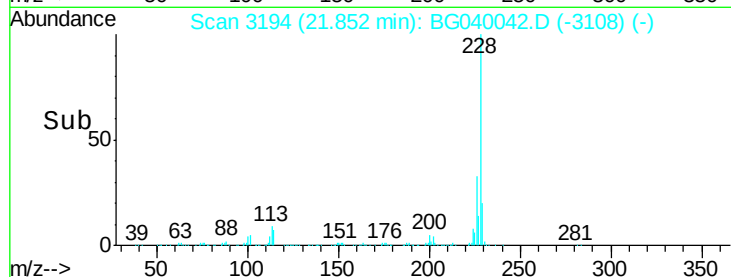
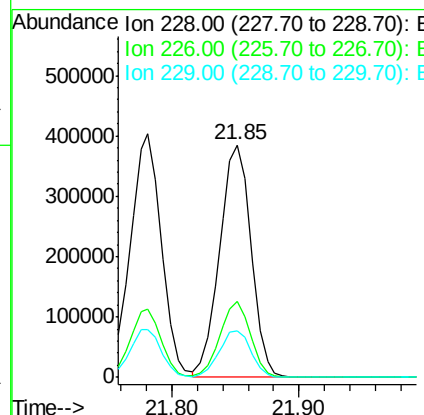
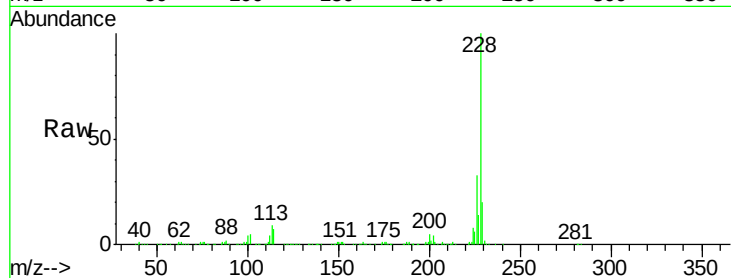




#83
 Chrysene
 Concen: 40.464 ng
 RT: 21.85 min Scan# 3194
 Delta R.T. -0.02 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

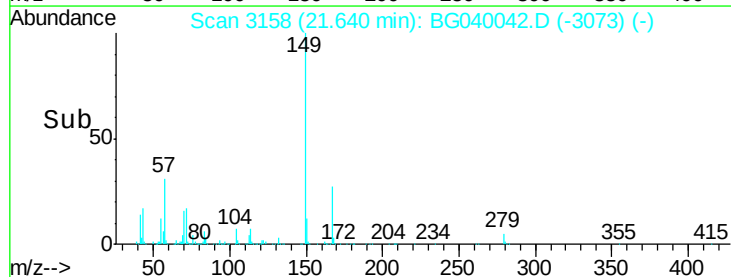
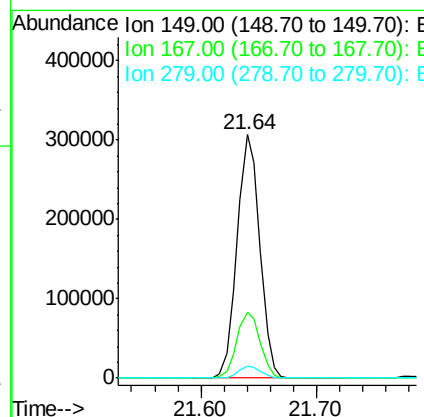
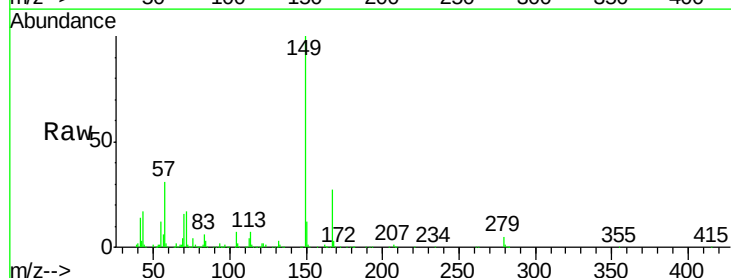
Instrument :
 BNA_G
 ClientSampled :

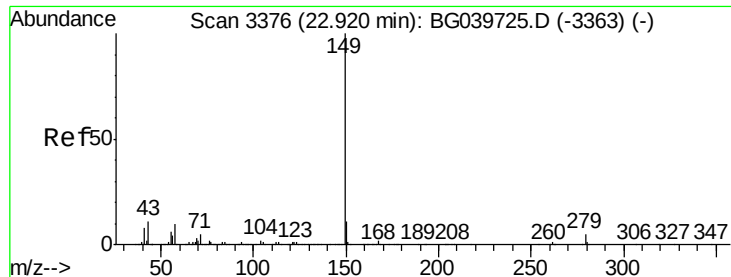
Tot Ion:228 Resp: 663803
 Ion Ratio Lower Upper
 228 100
 226 32.9 25.8 38.6
 229 20.1 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.725 ng
 RT: 21.64 min Scan# 3158
 Delta R.T. -0.03 min
 Lab File: BG040042.D
 Acq: 20 Mar 2019 19:03

Tgt Ion:149 Resp: 417642
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.6 34.0
 279 4.8 3.5 5.3

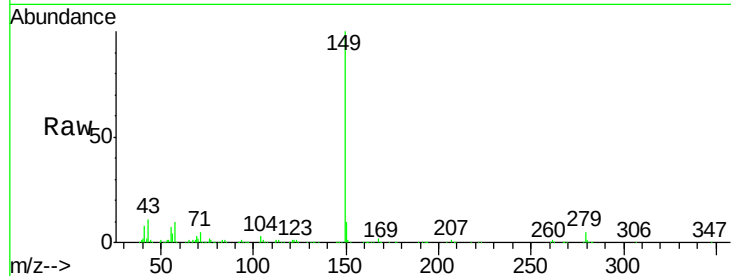




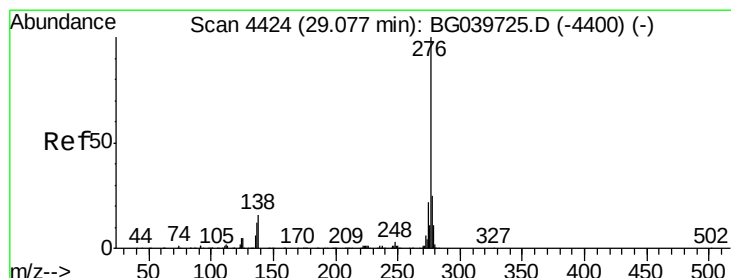
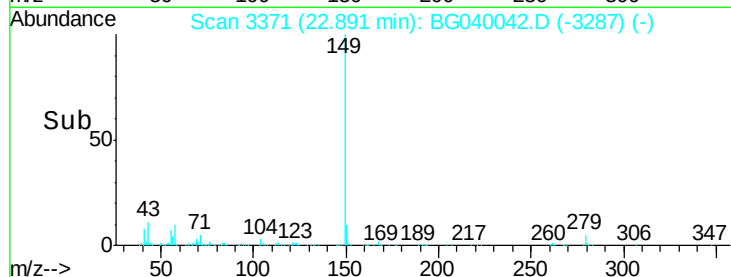
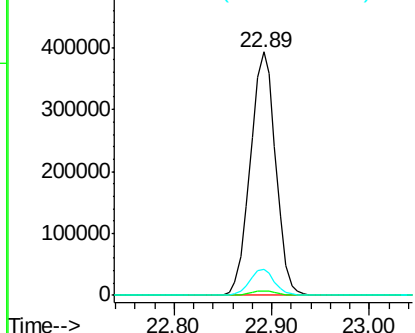
#85
Di-n-octyl phthalate
Concen: 45.300 ng
RT: 22.89 min Scan# 3371
Delta R.T. -0.04 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	10.4	10.2	15.4

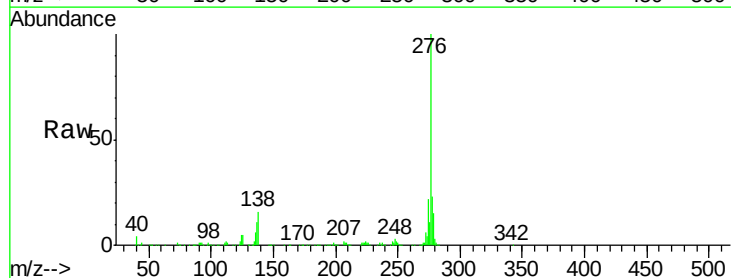


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

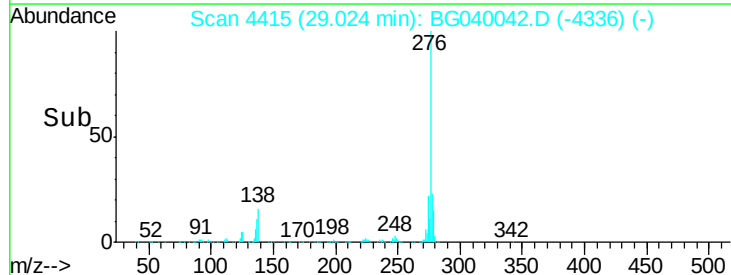
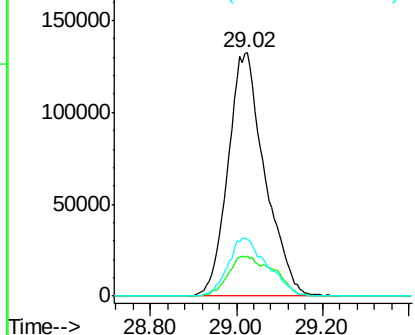


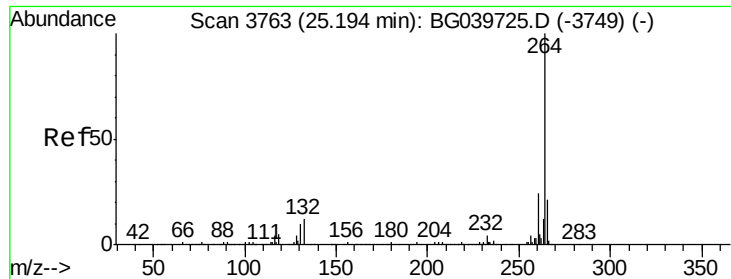
#86
Indeno(1,2,3-cd)pyrene
Concen: 42.230 ng
RT: 29.02 min Scan# 4415
Delta R.T. -0.06 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.3	12.6	19.0#
277	25.5	20.8	31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.15 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

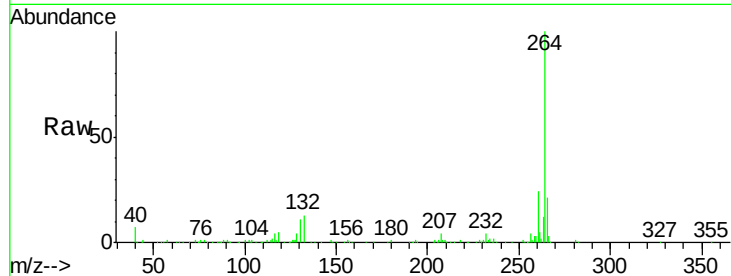
Tot Ion:264 Resp: 251480

Ion Ratio Lower Upper

264 100

260 23.9 18.2 27.4

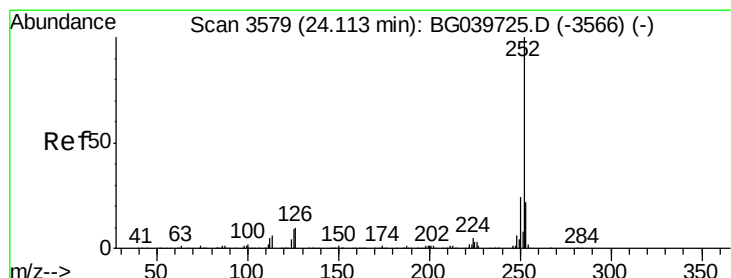
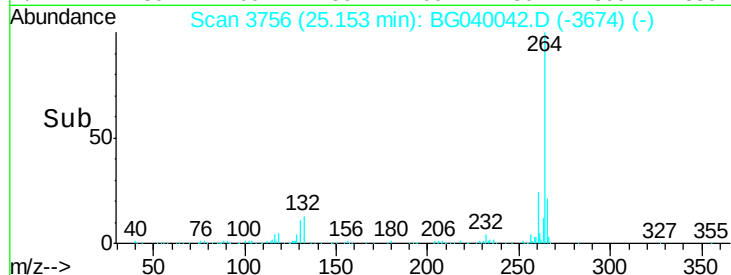
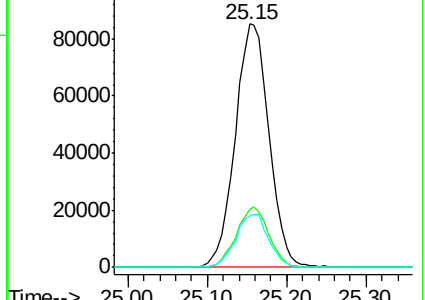
265 21.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.496 ng

RT: 24.08 min Scan# 3574

Delta R.T. -0.04 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

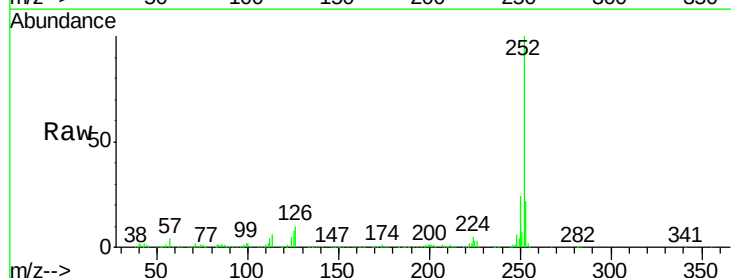
Tgt Ion:252 Resp: 697271

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

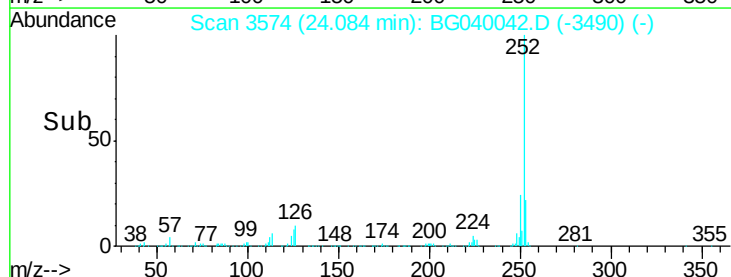
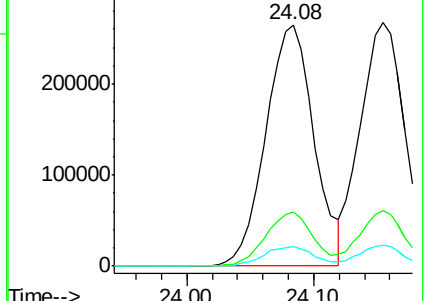
125 8.3 7.8 11.6

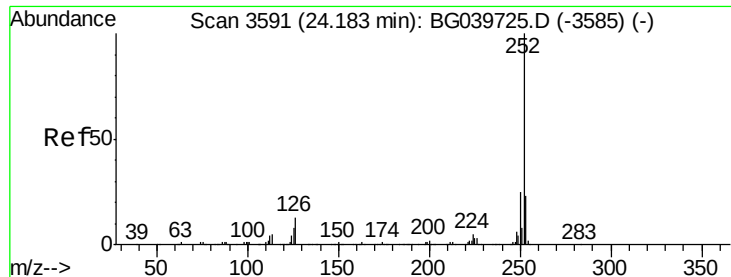


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 46.769 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

Instrument :

BNA_G

ClientSampleId :

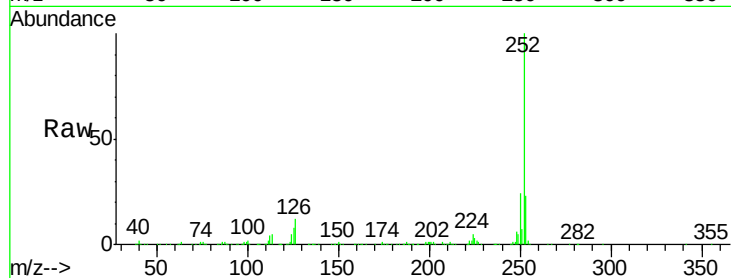
Tot Ion:252 Resp: 652855

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

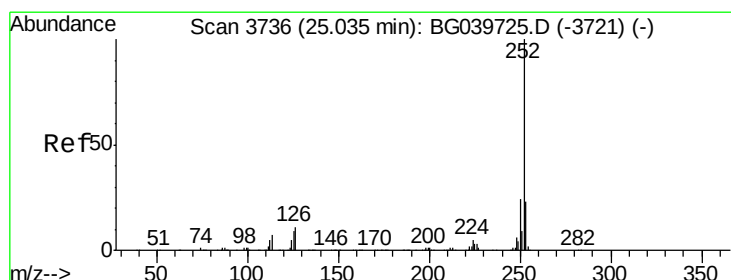
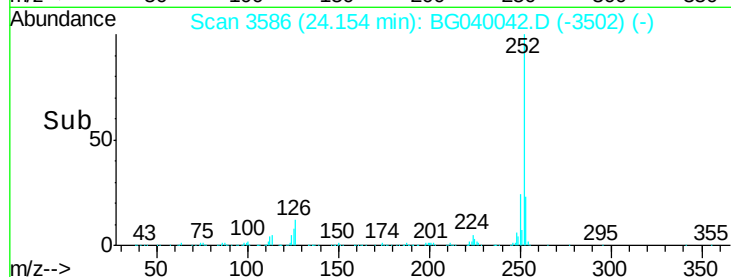
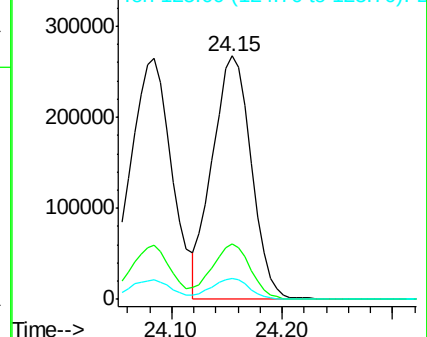
125 8.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.703 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040042.D

Acq: 20 Mar 2019 19:03

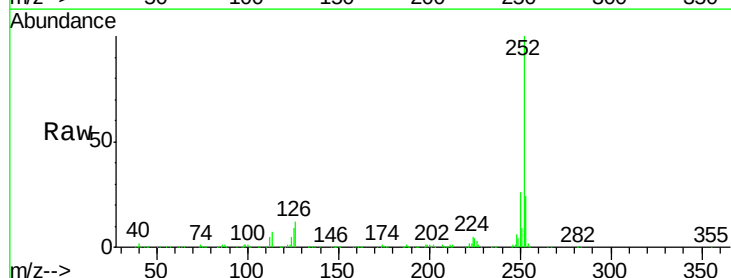
Tgt Ion:252 Resp: 661037

Ion Ratio Lower Upper

252 100

253 23.6 17.9 26.9

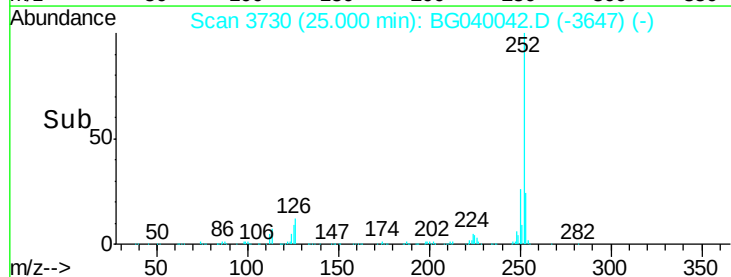
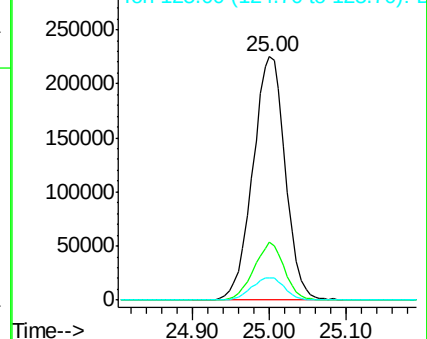
125 8.9 8.3 12.5

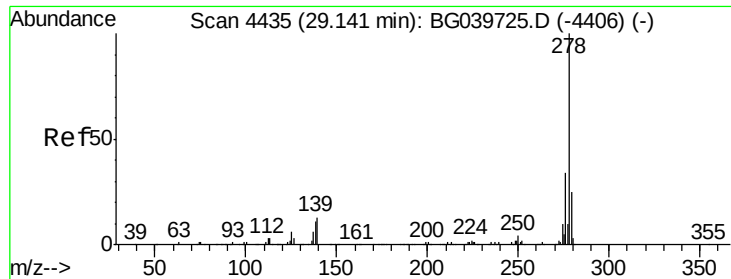


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

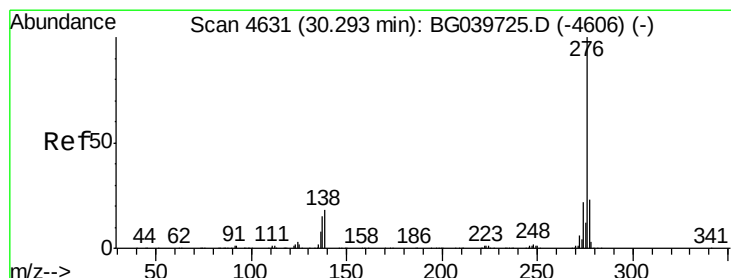
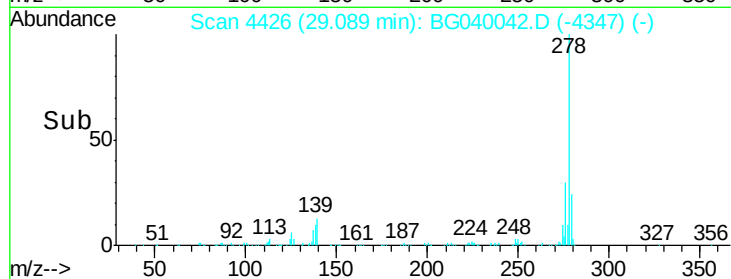
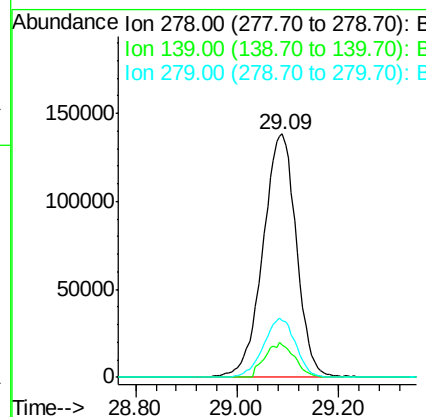
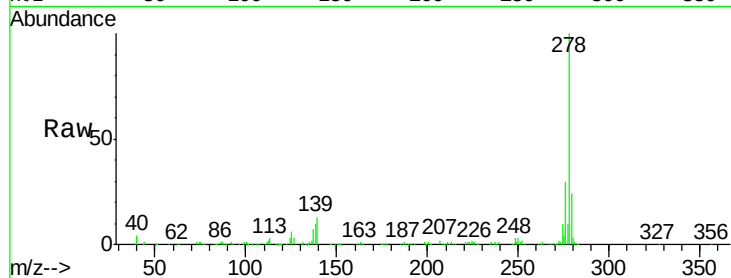




#91
Dibenzo(a,h)anthracene
Concen: 46.576 ng
RT: 29.09 min Scan# 4426
Delta R.T. -0.06 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	11.7	17.5
279	23.5	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 47.408 ng
RT: 30.24 min Scan# 4622
Delta R.T. -0.07 min
Lab File: BG040042.D
Acq: 20 Mar 2019 19:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.6	29.4
138	17.6	14.7	22.1

