

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031519\
 Data File : BG039945.D
 Acq On : 15 Mar 2019 17:29
 Operator : JU/SJ
 Sample : PB117958BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Quant Time: Mar 16 04:08:32 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	8.15	152	37609	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	158706	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	97205	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	237876	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	264808	20.00	ng	-0.02
87) Perylene-d12	25.18	264	273813	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	308648	140.01	ng	-0.01
7) Phenol-d6	7.29	99	417460	127.00	ng	-0.02
23) Nitrobenzene-d5	9.33	82	231425	78.87	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	152843	134.90	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	543776	79.65	ng	-0.02
79) Terphenyl-d14	20.11	244	913053	75.92	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.58	88	47904	47.068	ng	97
3) Pyridine	3.98	79	95872	35.186	ng	96
4) n-Nitrosodimethylamine	3.90	42	54319	42.023	ng	# 86
6) Aniline	7.47	93	112243	26.064	ng	97
8) 2-Chlorophenol	7.71	128	103560	38.722	ng	97
9) Benzaldehyde	7.29	77	61482	28.996	ng	98
10) Phenol	7.32	94	141255	39.668	ng	98
11) bis(2-Chloroethyl)ether	7.56	93	104068	37.484	ng	100
12) 1,3-Dichlorobenzene	8.03	146	113679	37.583	ng	97
13) 1,4-Dichlorobenzene	8.18	146	117469	38.127	ng	98
14) 1,2-Dichlorobenzene	8.50	146	114493	38.462	ng	99
15) Benzyl Alcohol	8.39	79	99405	38.123	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212571	38.282	ng	99
17) 2-Methylphenol	8.58	107	91239	40.183	ng	98
18) Hexachloroethane	9.23	117	42656	38.585	ng	97
19) n-Nitroso-di-n-propylamine	8.95	70	83553	35.315	ng	92
20) 3+4-Methylphenols	8.91	107	124128	39.351	ng	99
22) Acetophenone	8.97	105	159989	37.559	ng	# 96
24) Nitrobenzene	9.37	77	125424	40.743	ng	98
25) Isophorone	9.88	82	230934	37.559	ng	98
26) 2-Nitrophenol	10.08	139	60424	40.653	ng	# 95
27) 2,4-Dimethylphenol	10.12	122	107315	46.424	ng	93
28) bis(2-Chloroethoxy)methane	10.36	93	141279	37.810	ng	99
29) 2,4-Dichlorophenol	10.61	162	111099	42.687	ng	95
30) 1,2,4-Trichlorobenzene	10.82	180	117630	40.165	ng	97
31) Naphthalene	11.02	128	333613	39.703	ng	99
32) Benzoic acid	10.25	122	50699	34.150	ng	95
33) 4-Chloroaniline	11.13	127	73477	20.621	ng	99
34) Hexachlorobutadiene	11.28	225	79055	39.502	ng	91
35) Caprolactam	11.91	113	21935	22.063	ng	# 88
36) 4-Chloro-3-methylphenol	12.23	107	116568	39.071	ng	99
37) 2-Methylnaphthalene	12.61	142	243784	38.806	ng	97
38) 1-Methylnaphthalene	12.83	142	234621	38.430	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	139011	42.213	ng	97

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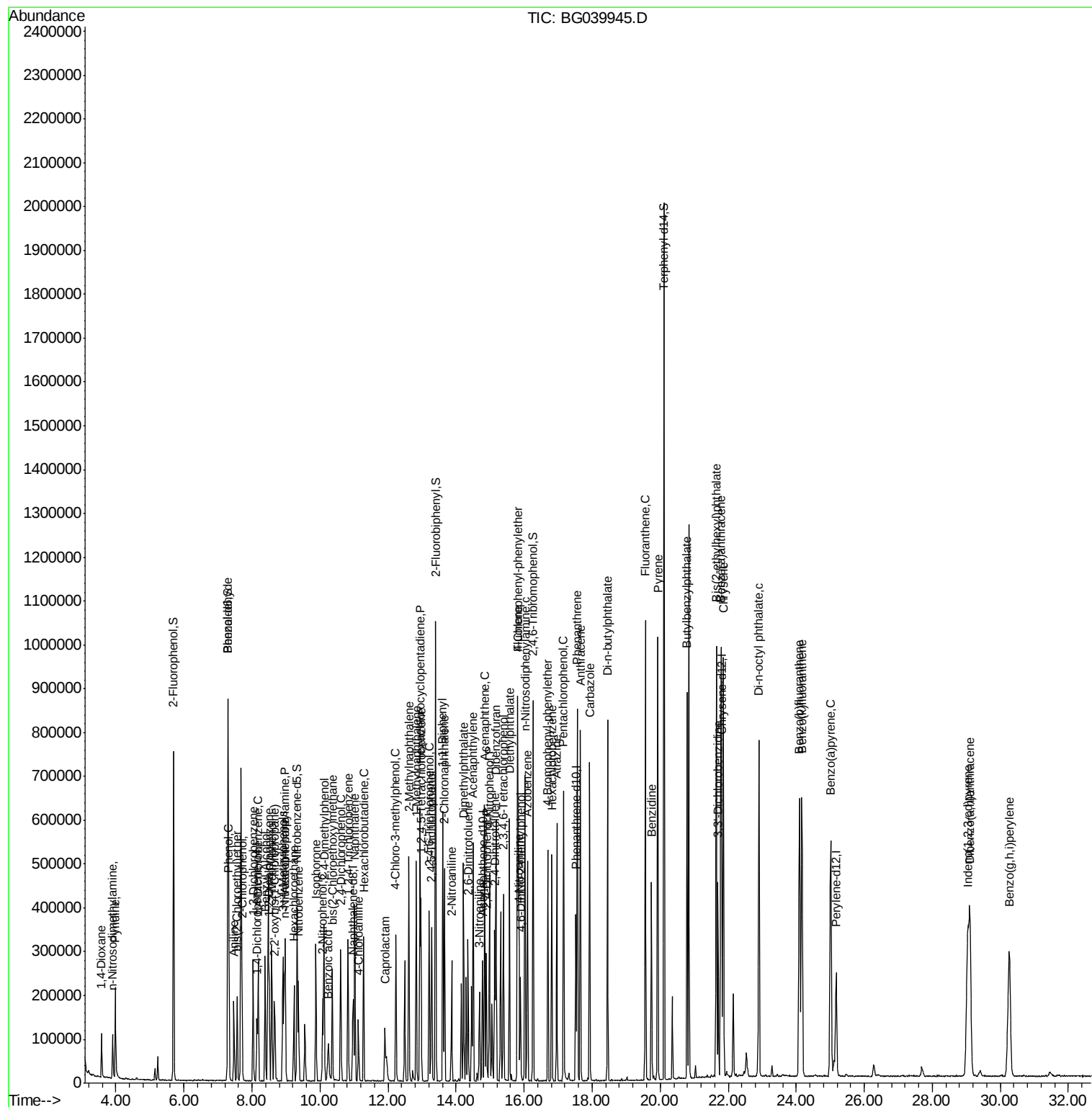
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	188654	106.900	ng	98
43) 2,4,6-Trichlorophenol	13.21	196	89746	46.550	ng	94
44) 2,4,5-Trichlorophenol	13.29	196	95457	43.926	ng	99
46) 1,1'-Biphenyl	13.61	154	325899	40.763	ng	100
47) 2-Chloronaphthalene	13.66	162	251881	41.879	ng	99
48) 2-Nitroaniline	13.87	65	82283	42.570	ng	97
49) Acenaphthylene	14.50	152	395246	40.031	ng	99
50) Dimethylphthalate	14.22	163	321968	39.611	ng	100
51) 2,6-Dinitrotoluene	14.35	165	68929	40.002	ng	96
52) Acenaphthene	14.84	154	236909	39.866	ng	99
53) 3-Nitroaniline	14.68	138	48722	28.128	ng	# 97
54) 2,4-Dinitrophenol	14.89	184	68308	63.986	ng	97
55) Dibenzofuran	15.17	168	391100	40.113	ng	99
56) 4-Nitrophenol	14.98	139	119995	77.441	ng	93
57) 2,4-Dinitrotoluene	15.14	165	99390	41.050	ng	# 88
58) Fluorene	15.82	166	305193	39.817	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	92490	43.579	ng	97
60) Diethylphthalate	15.57	149	321372	39.940	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	162155	39.645	ng	98
62) 4-Nitroaniline	15.85	138	76402	40.687	ng	96
63) Azobenzene	16.10	77	298300	40.898	ng	99
65) 4,6-Dinitro-2-methylphenol	15.89	198	54516	38.761	ng	99
66) n-Nitrosodiphenylamine	16.02	169	275618	40.023	ng	99
67) 4-Bromophenyl-phenylether	16.70	248	105508	39.625	ng	94
68) Hexachlorobenzene	16.81	284	108378	39.267	ng	98
69) Atrazine	16.96	200	112164	41.384	ng	100
70) Pentachlorophenol	17.16	266	132774	76.172	ng	98
71) Phenanthrene	17.56	178	519701	39.664	ng	99
72) Anthracene	17.65	178	527653	41.326	ng	99
73) Carbazole	17.93	167	476776	41.420	ng	99
74) Di-n-butylphthalate	18.46	149	582706	43.026	ng	99
75) Fluoranthene	19.57	202	663390	42.841	ng	97
77) Benzidine	19.75	184	268491	31.951	ng	99
78) Pyrene	19.93	202	665760	38.690	ng	98
80) Butylbenzylphthalate	20.79	149	278580	41.787	ng	93
81) Benzo(a)anthracene	21.79	228	648289	39.062	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	152491	25.167	ng	99
83) Chrysene	21.86	228	623233	38.735	ng	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	387868	41.403	ng	99
85) Di-n-octyl phthalate	22.90	149	666616	42.975	ng	96
86) Indeno(1,2,3-cd)pyrene	29.04	276	740609	40.575	ng	# 96
88) Benzo(b)fluoranthene	24.09	252	659118	40.367	ng	98
89) Benzo(k)fluoranthene	24.17	252	631809	41.569	ng	99
90) Benzo(a)pyrene	25.02	252	643300	42.637	ng	98
91) Dibenzo(a,h)anthracene	29.11	278	608754	41.155	ng	98
92) Benzo(g,h,i)perylene	30.26	276	617364	41.558	ng	95

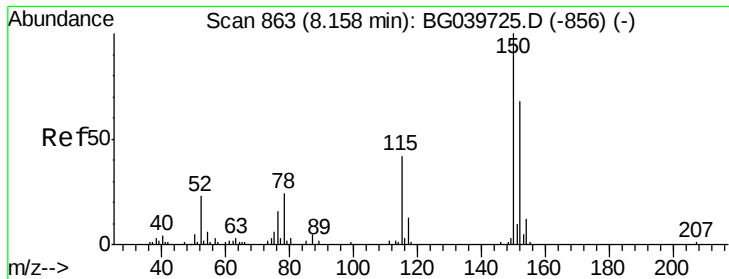
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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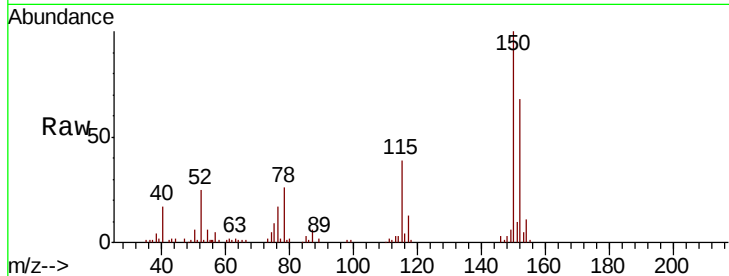


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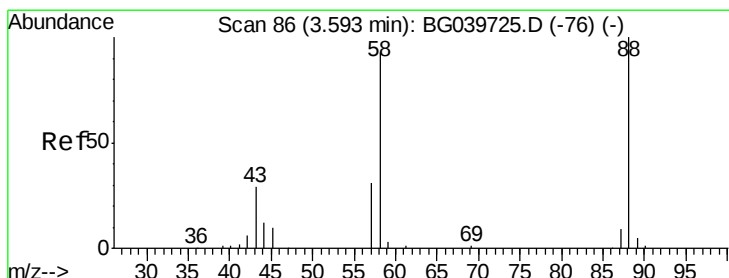
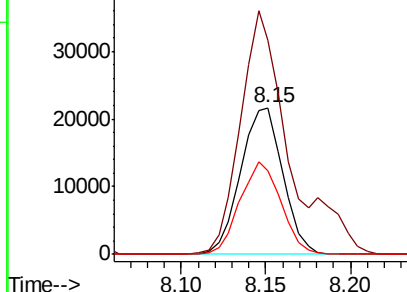
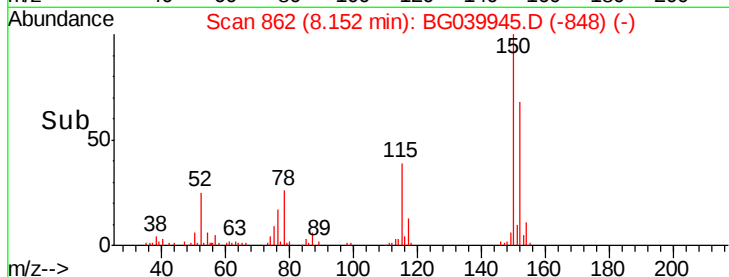
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:152 Resp: 37609
Ion Ratio Lower Upper
152 100
150 146.1 123.7 185.5
115 57.3 45.9 68.9



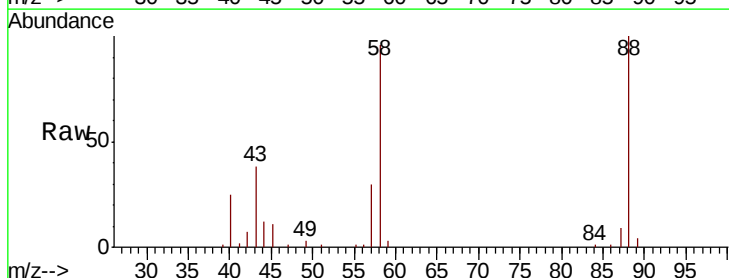
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



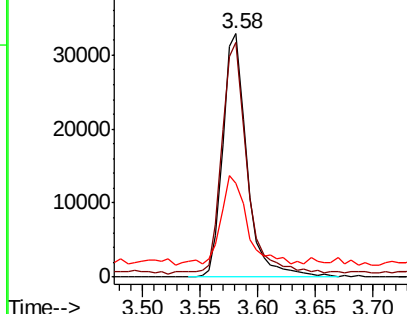
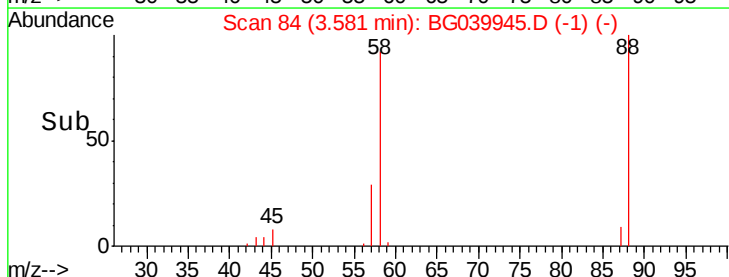
#2

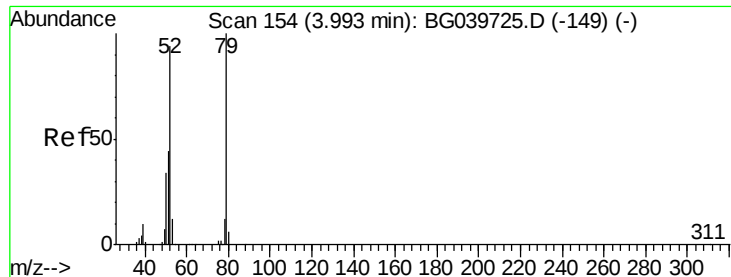
1,4-Dioxane
Concen: 47.068 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion: 88 Resp: 47904
Ion Ratio Lower Upper
88 100
58 96.7 81.1 121.7
43 39.0 31.4 47.0



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





#3

Pyridine

Concen: 35.186 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

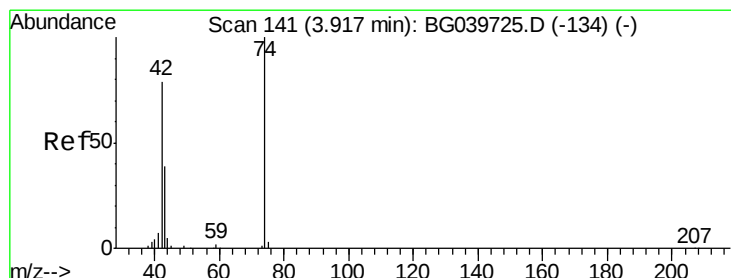
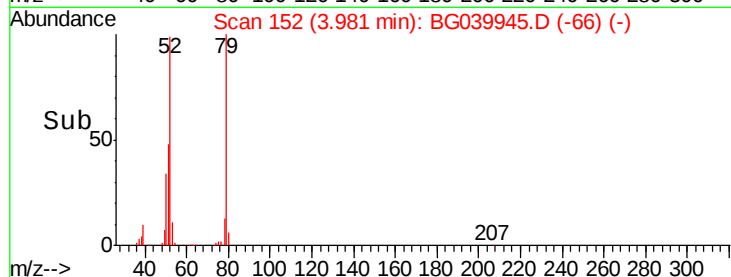
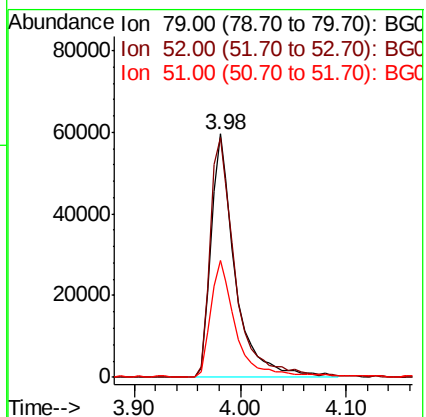
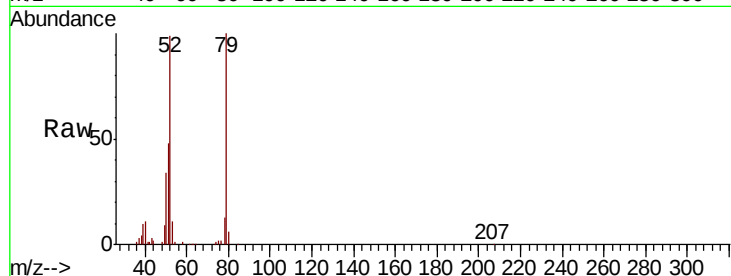
Tgt Ion: 79 Resp: 95872

Ion Ratio Lower Upper

79 100

52 98.5 82.6 124.0

51 48.2 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 42.023 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

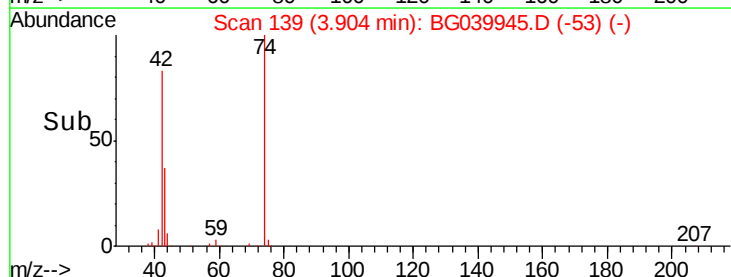
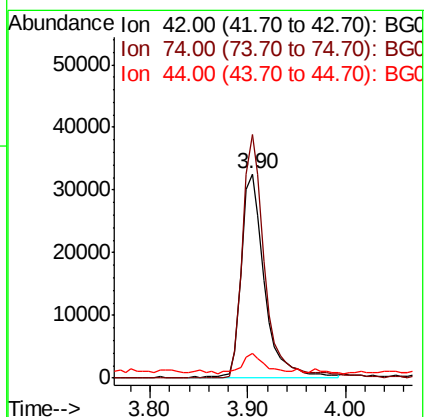
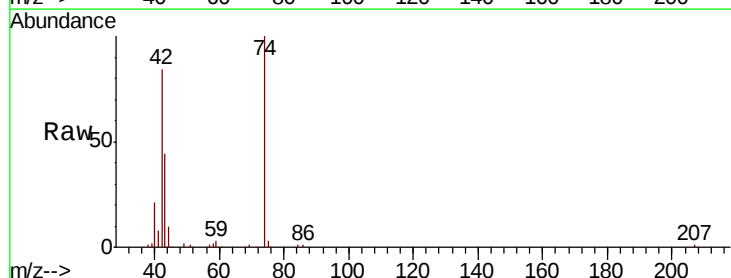
Tgt Ion: 42 Resp: 54319

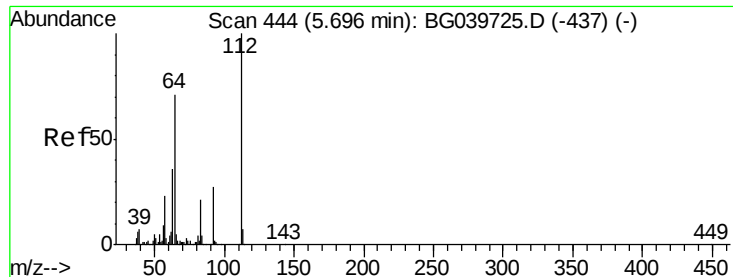
Ion Ratio Lower Upper

42 100

74 119.1 83.6 125.4

44 12.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 140.008 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039945.D

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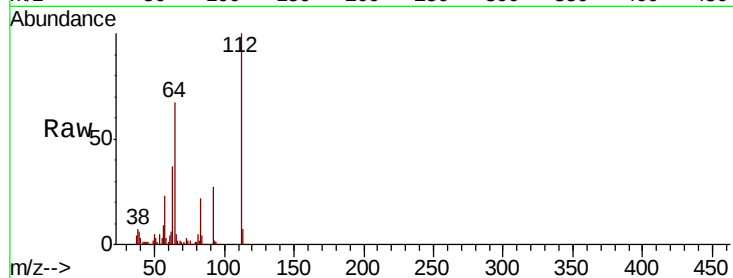
Tgt Ion:112 Resp: 308648

Ion Ratio Lower Upper

112 100

64 67.2 57.8 86.8

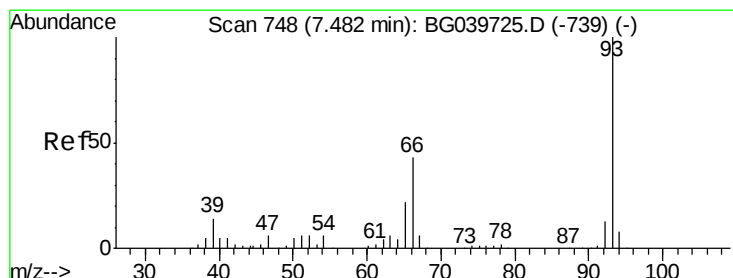
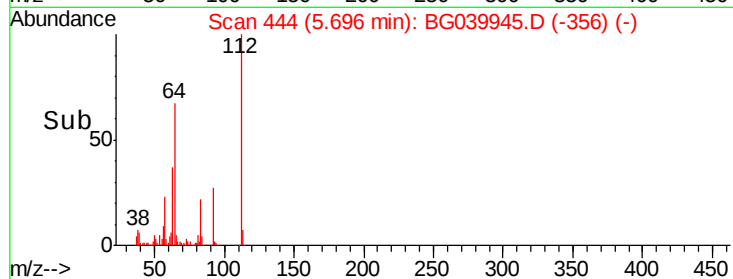
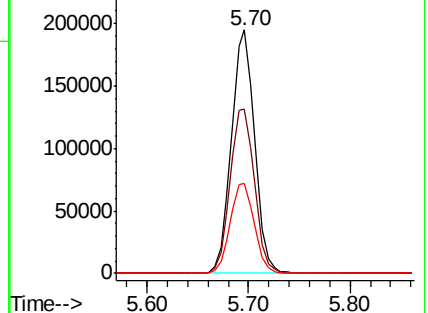
63 36.9 29.8 44.6



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: 26.064 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

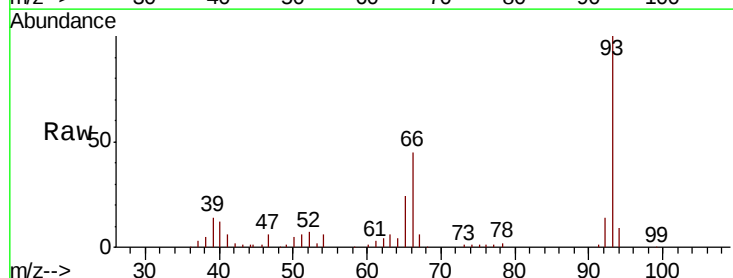
Tgt Ion: 93 Resp: 112243

Ion Ratio Lower Upper

93 100

66 44.9 34.2 51.4

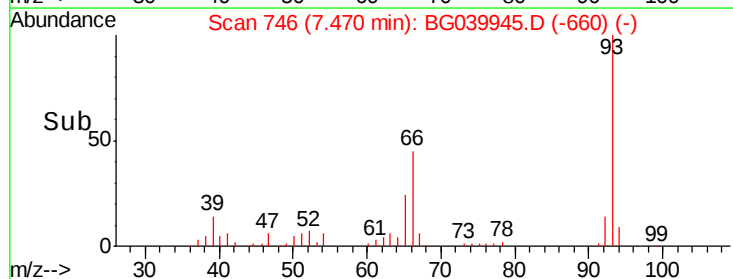
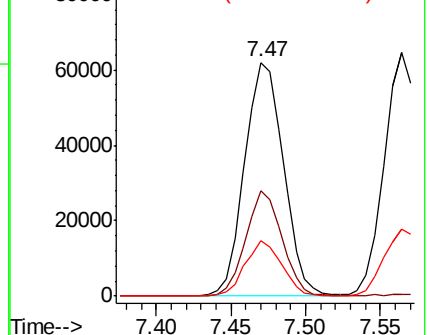
65 23.8 17.7 26.5

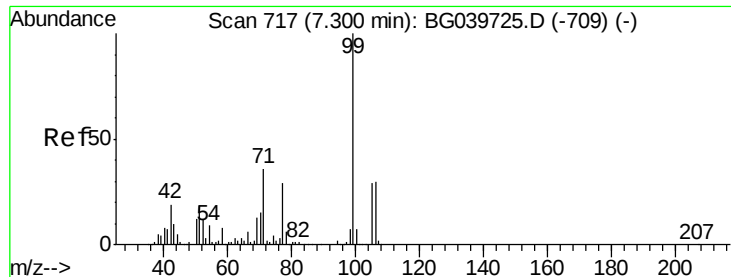


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 127.002 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

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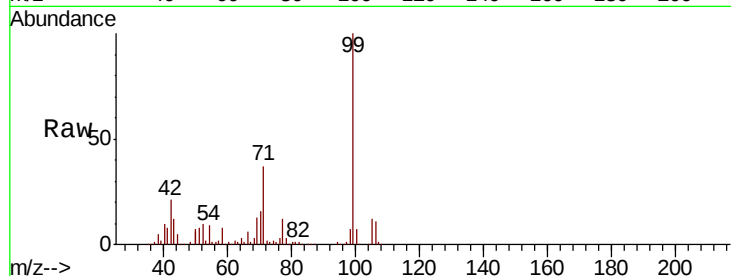
Tgt Ion: 99 Resp: 417460

Ion Ratio Lower Upper

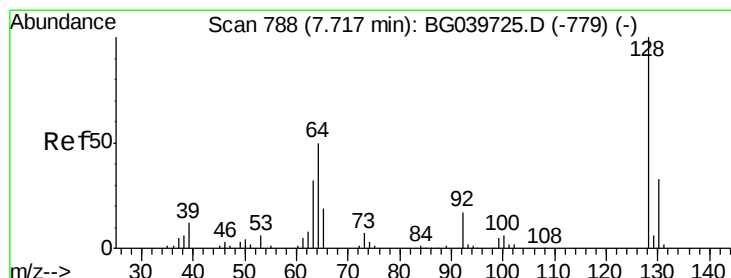
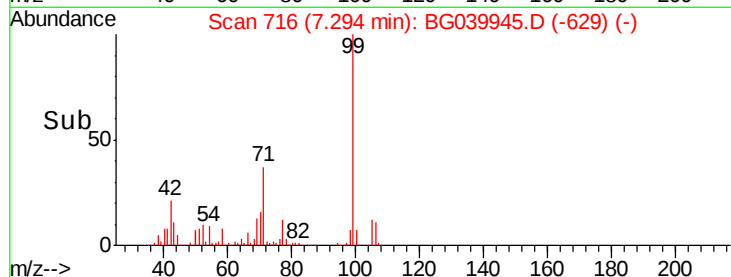
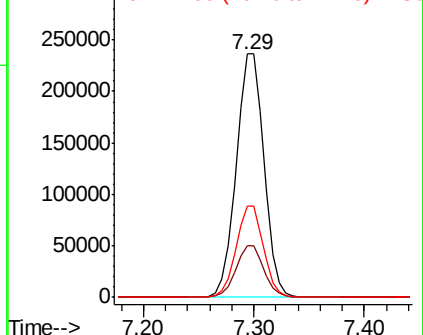
99 100

42 21.0 18.2 27.2

71 37.3 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.722 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

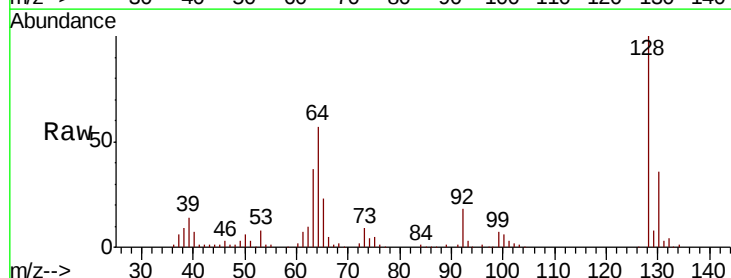
Tgt Ion: 128 Resp: 103560

Ion Ratio Lower Upper

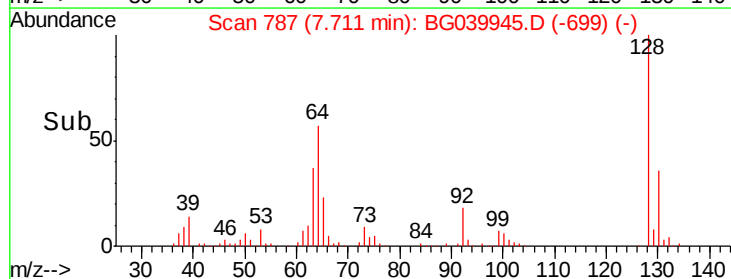
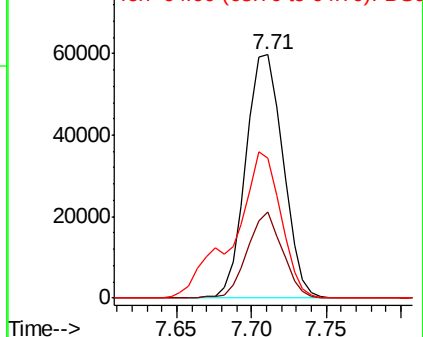
128 100

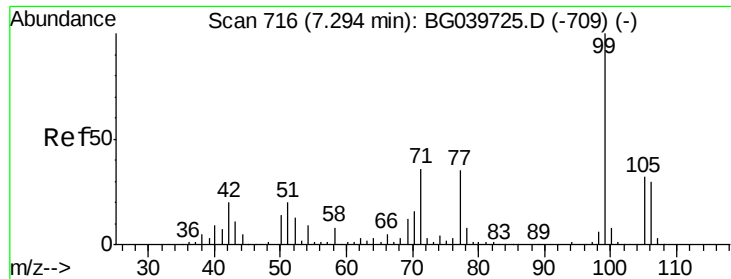
130 35.6 12.9 52.9

64 57.4 38.7 78.7



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 28.996 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

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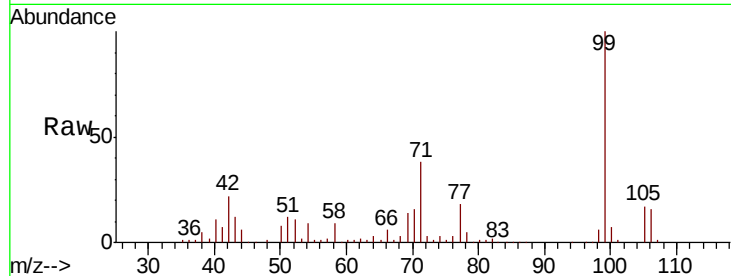
Tgt Ion: 77 Resp: 61482

Ion Ratio Lower Upper

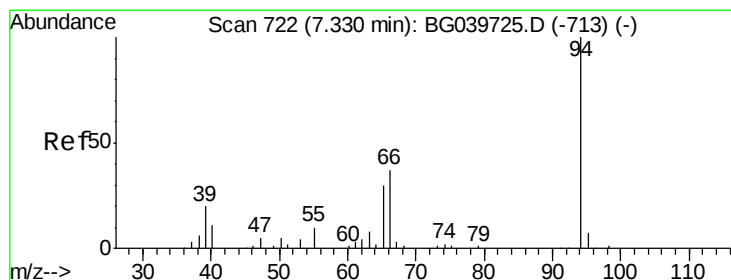
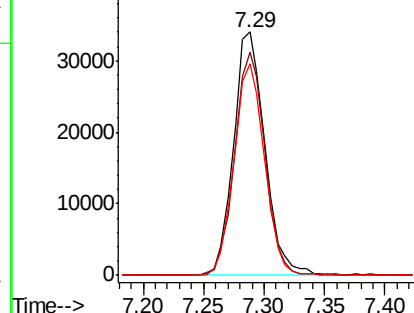
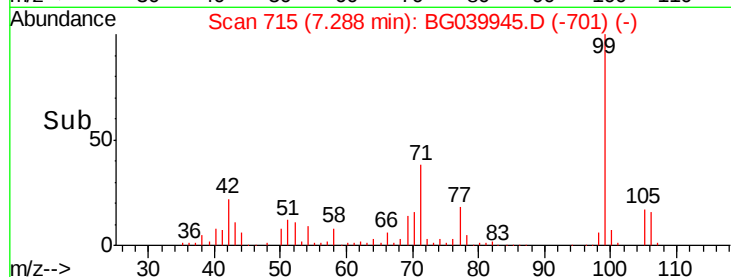
77 100

105 91.6 74.5 114.5

106 86.8 68.0 108.0



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.668 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

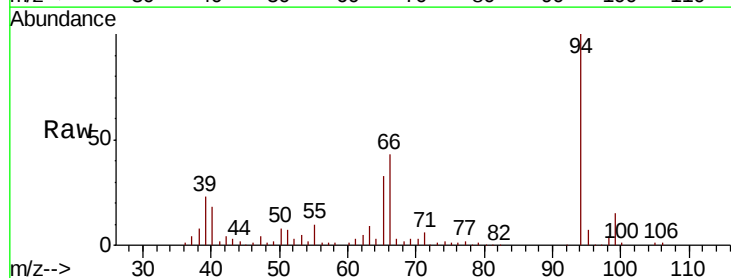
Tgt Ion: 94 Resp: 141255

Ion Ratio Lower Upper

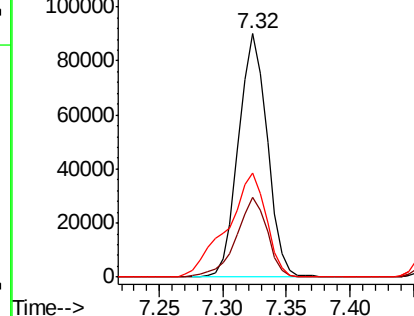
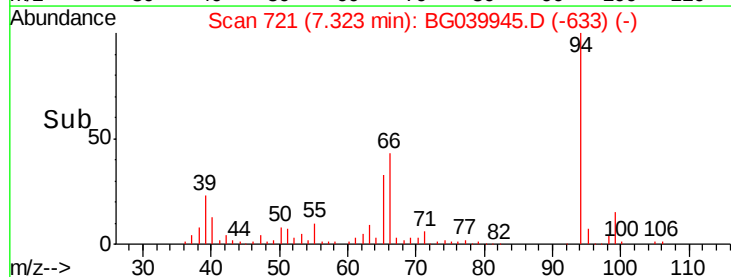
94 100

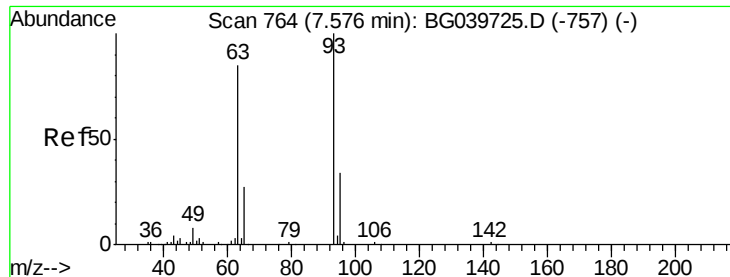
65 32.8 11.7 51.7

66 42.8 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 37.484 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

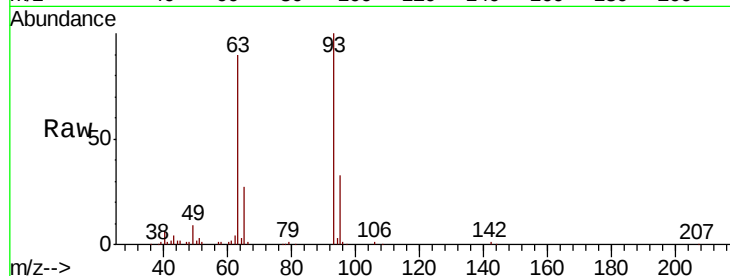
Tgt Ion: 93 Resp: 104068

Ion Ratio Lower Upper

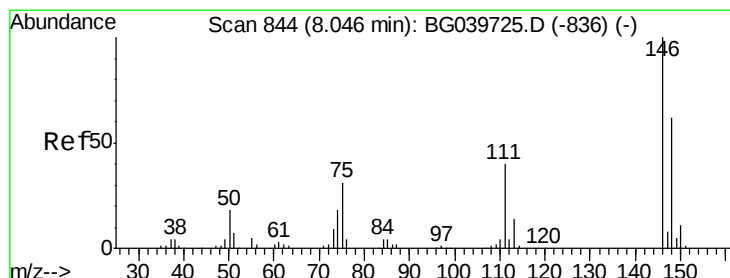
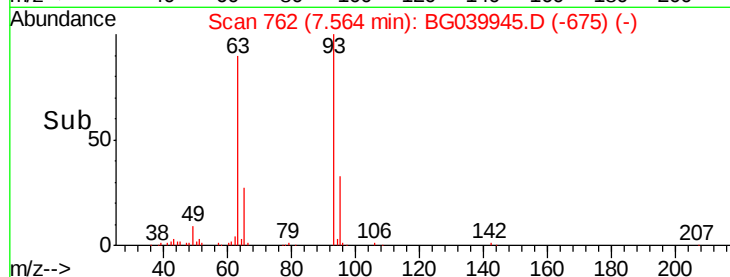
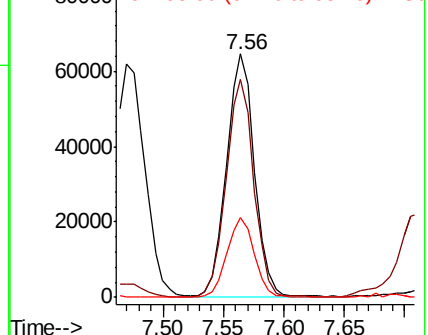
93 100

63 89.7 69.5 109.5

95 33.0 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: 37.583 ng

RT: 8.03 min Scan# 842

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

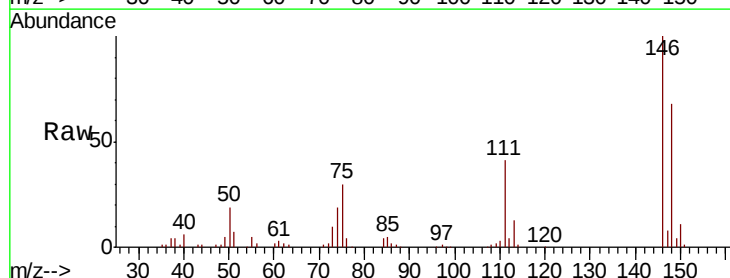
Tgt Ion: 146 Resp: 113679

Ion Ratio Lower Upper

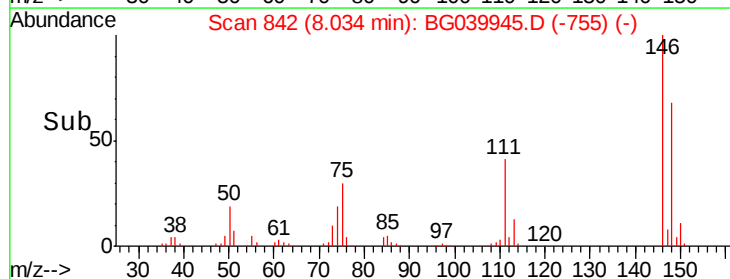
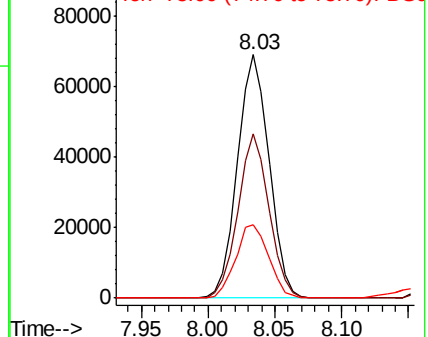
146 100

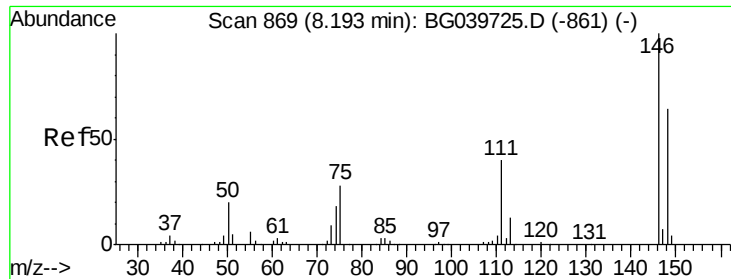
148 67.7 52.6 79.0

75 30.1 25.8 38.6



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

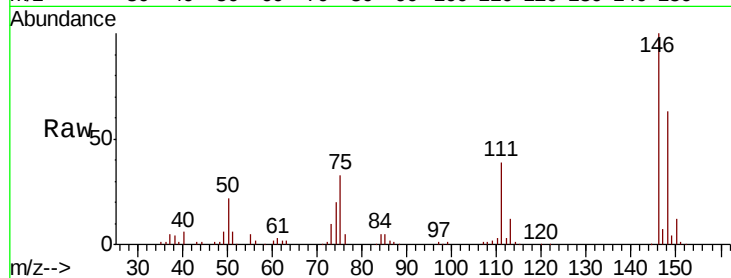




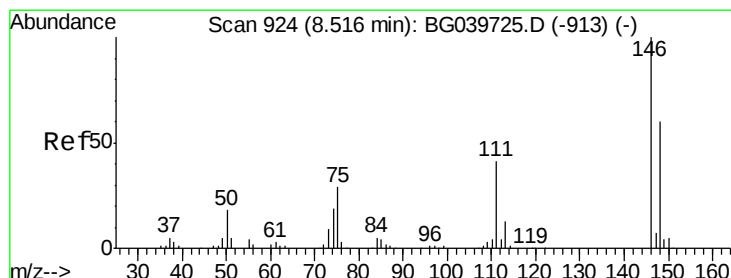
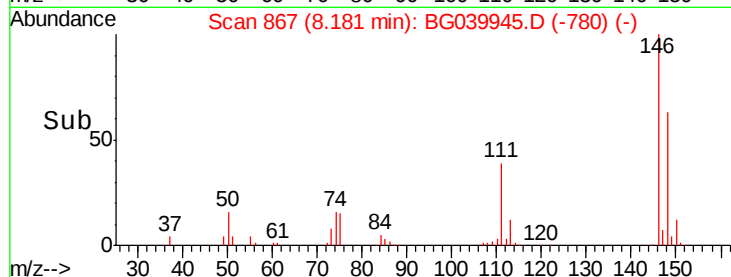
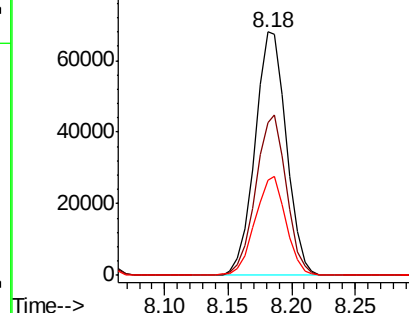
#13
 1,4-Dichlorobenzene
 Concen: 38.127 ng
 RT: 8.18 min Scan# 867
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion:146 Resp: 117469
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.1 76.7
 111 39.0 32.6 48.8

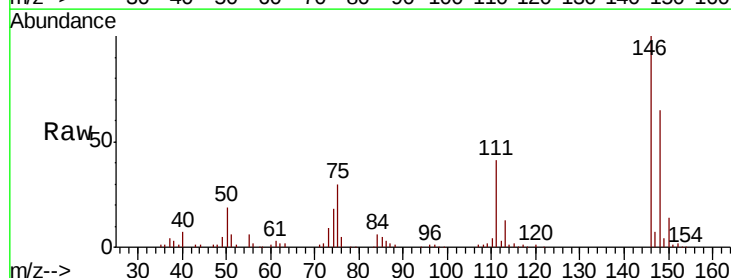


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

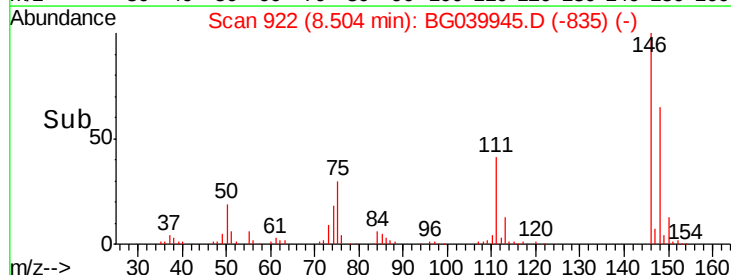
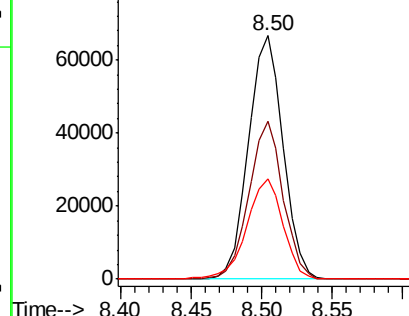


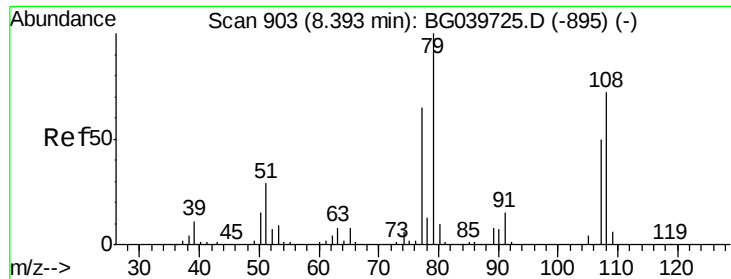
#14
 1,2-Dichlorobenzene
 Concen: 38.462 ng
 RT: 8.50 min Scan# 922
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion:146 Resp: 114493
 Ion Ratio Lower Upper
 146 100
 148 64.8 51.5 77.3
 111 41.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 38.123 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

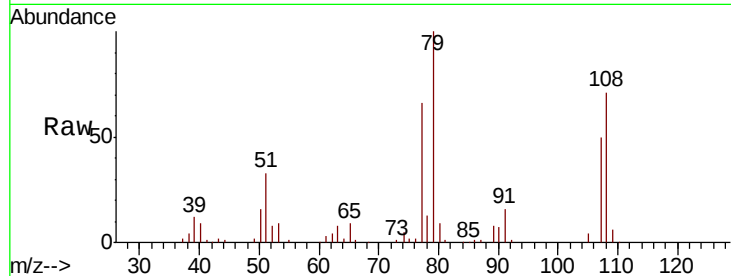
Tgt Ion: 79 Resp: 99405

Ion Ratio Lower Upper

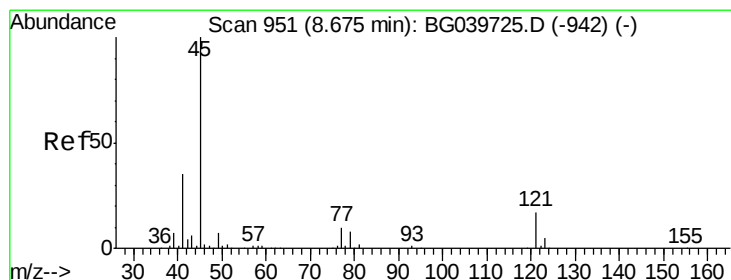
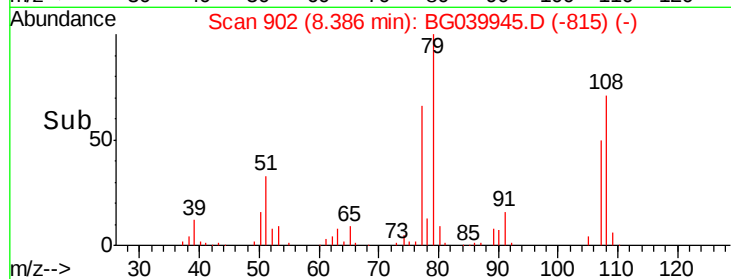
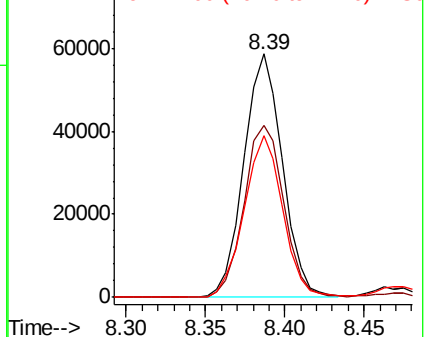
79 100

108 70.8 57.8 86.6

77 66.3 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: 38.282 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

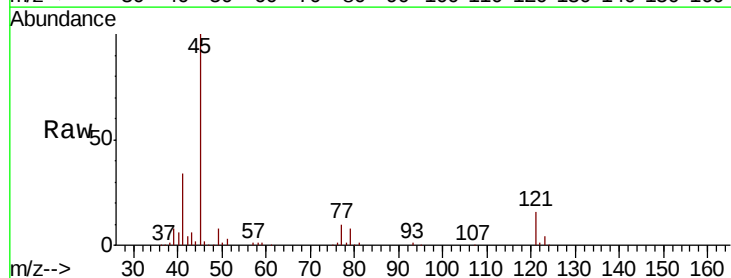
Tgt Ion: 45 Resp: 212571

Ion Ratio Lower Upper

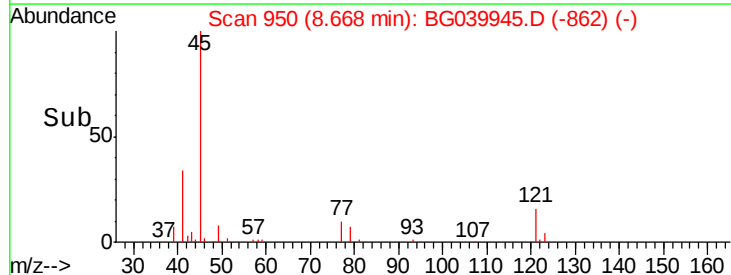
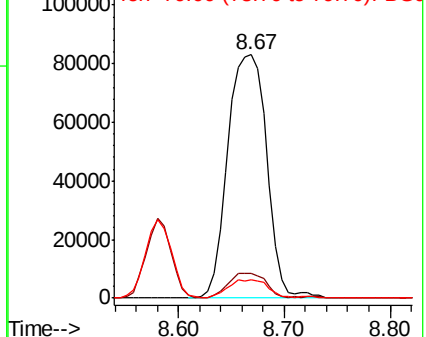
45 100

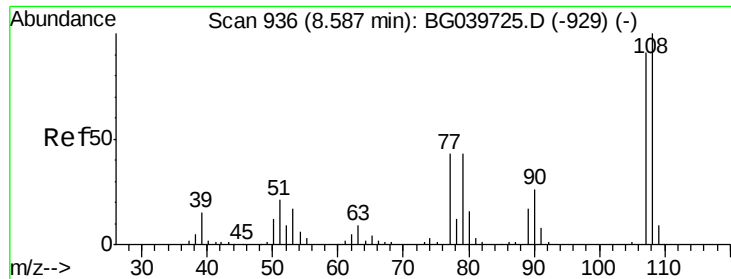
77 10.4 0.0 30.0

79 7.7 0.0 27.5



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

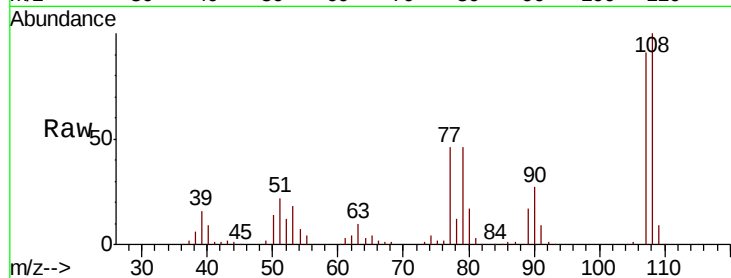




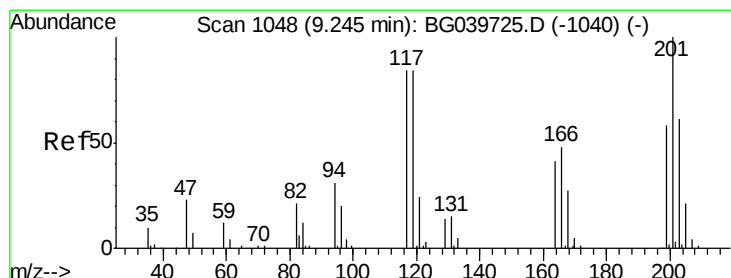
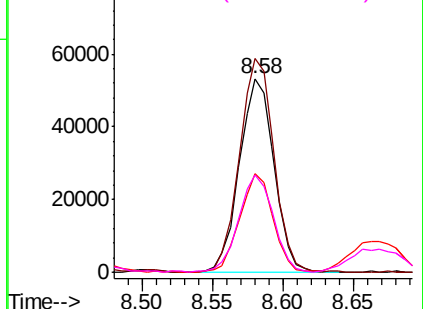
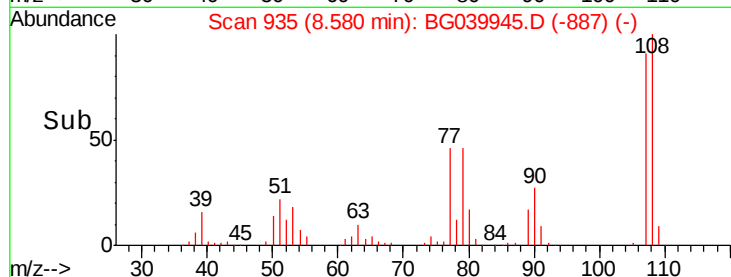
#17
2-Methylphenol
Concen: 40.183 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:107 Resp: 91239
Ion Ratio Lower Upper
107 100
108 110.2 90.8 136.2
77 51.1 40.7 61.1
79 50.2 40.6 60.8

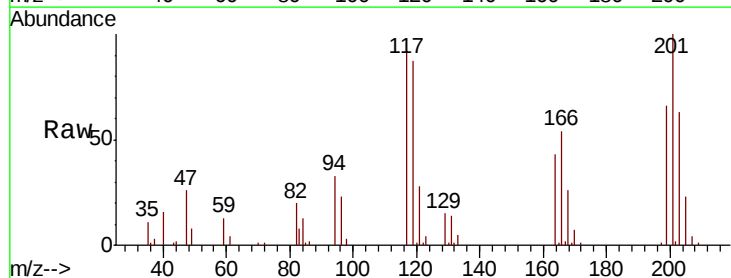


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

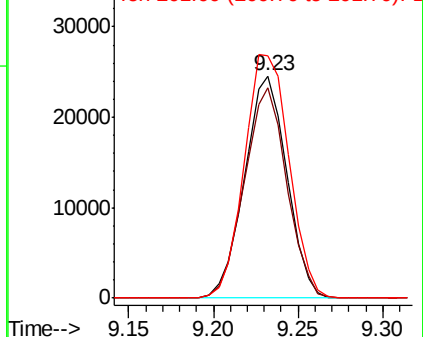
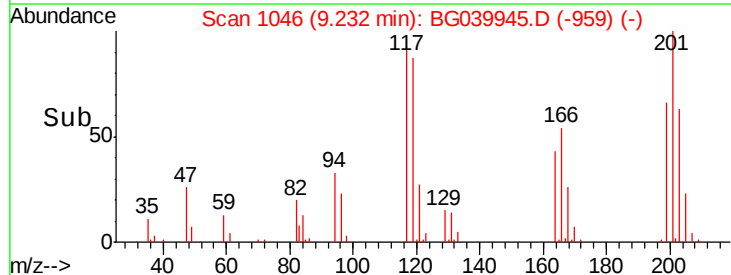


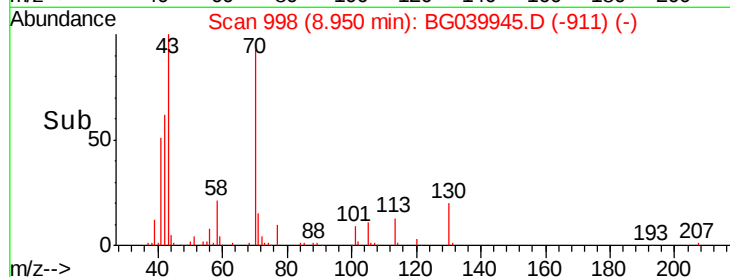
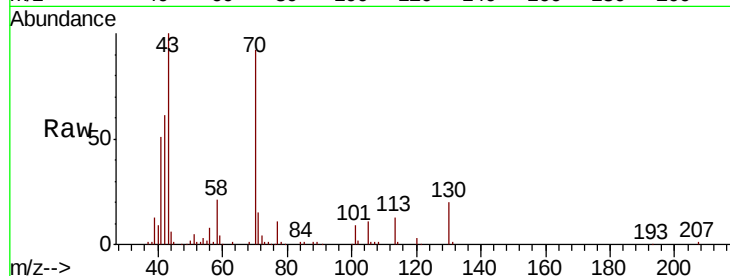
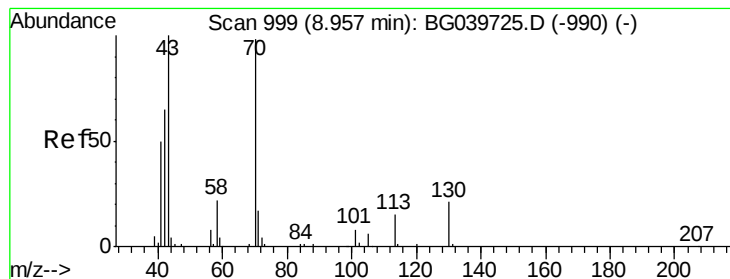
#18
Hexachloroethane
Concen: 38.585 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:117 Resp: 42656
Ion Ratio Lower Upper
117 100
119 94.5 76.3 114.5
201 108.8 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: 35.315 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

Tgt Ion: 70 Resp: 83553

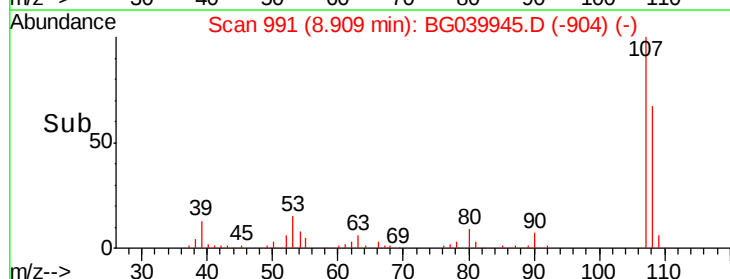
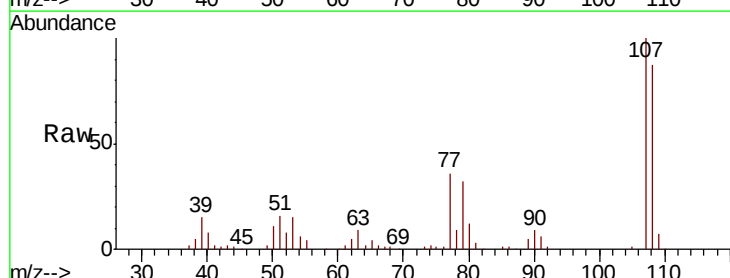
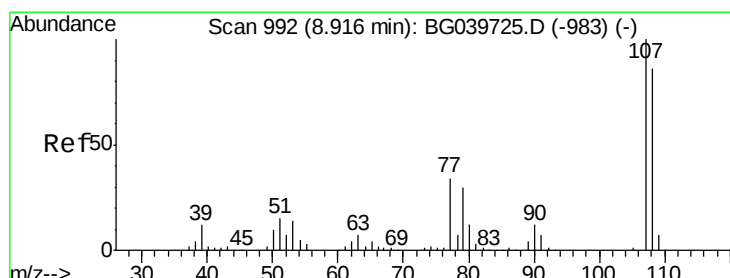
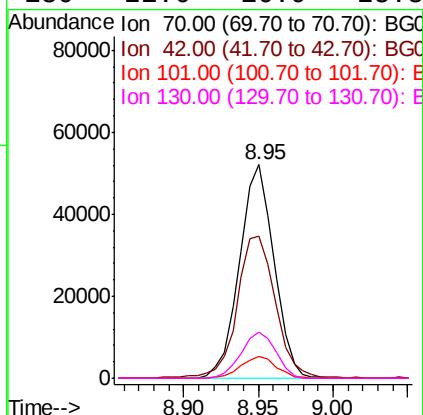
Ion Ratio Lower Upper

70 100

42 66.7 60.4 90.6

101 10.2 7.5 11.3

130 21.6 16.9 25.3



#20

3+4-Methylphenols

Concen: 39.351 ng

RT: 8.91 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion: 107 Resp: 124128

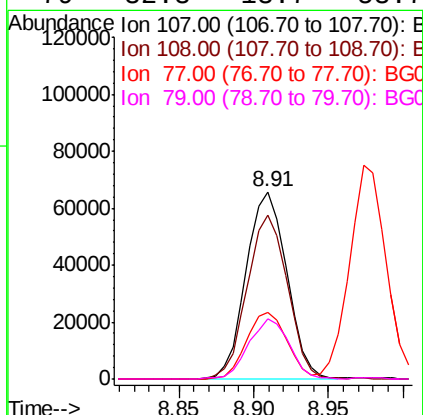
Ion Ratio Lower Upper

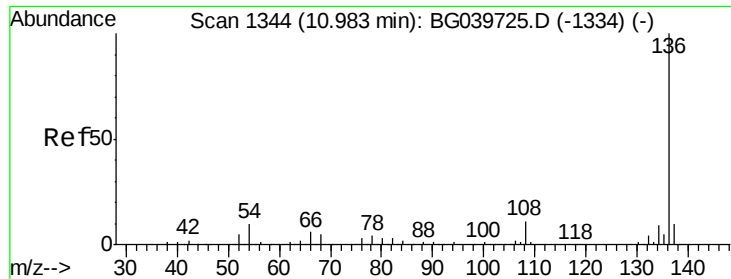
107 100

108 87.3 67.9 107.9

77 35.8 15.4 55.4

79 32.3 13.7 53.7

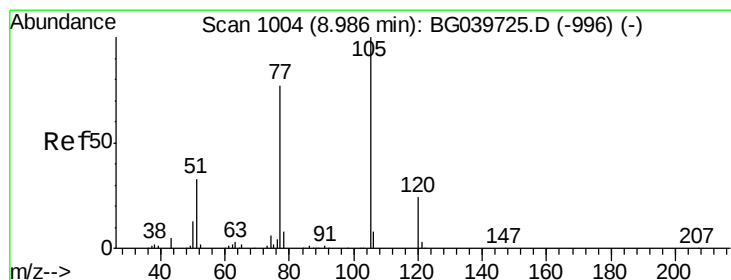
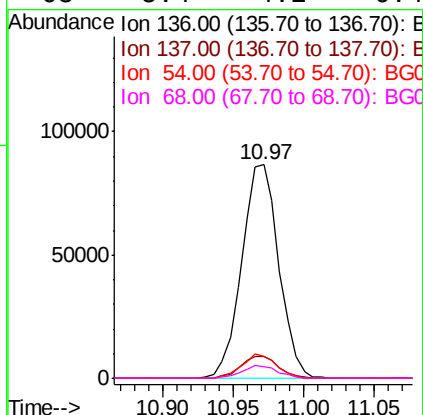
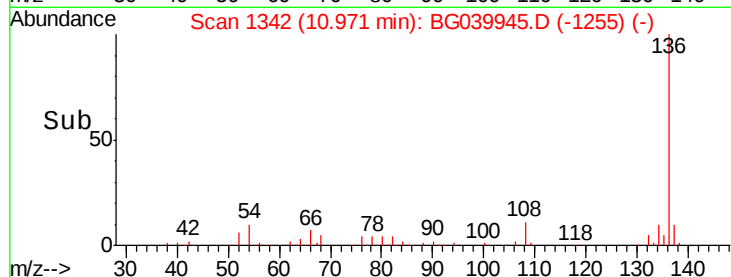
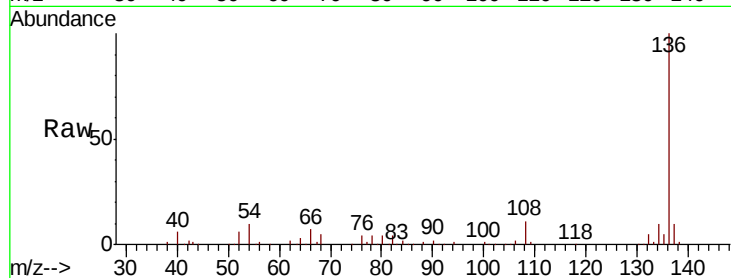




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

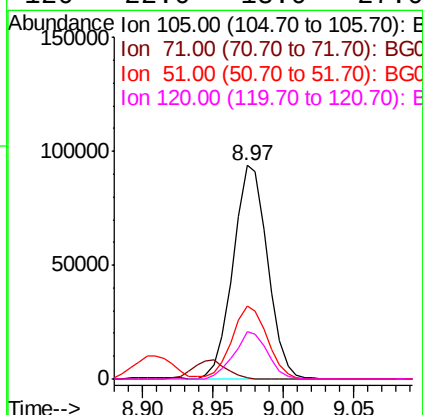
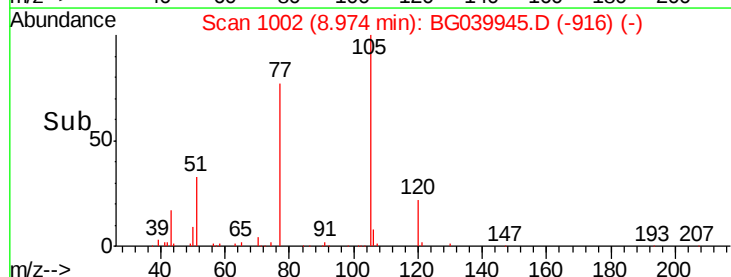
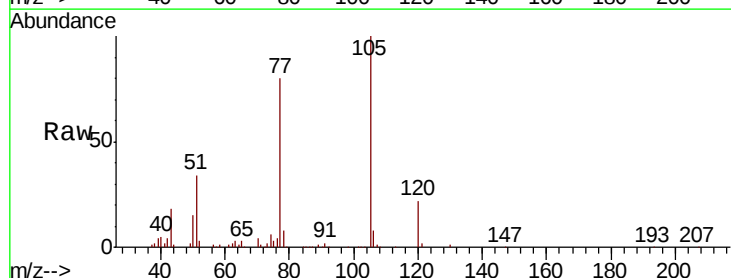
Instrument :
BNA_G
ClientSampleId :
PB117958BS

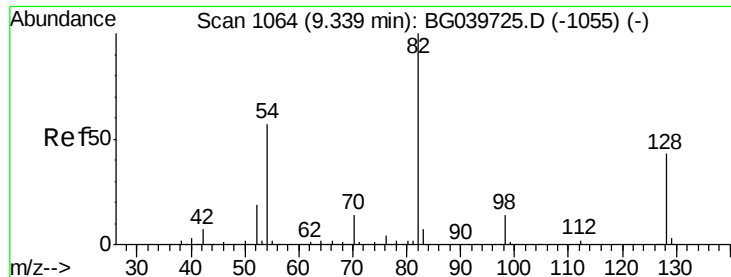
Tgt Ion:	136	Resp:	158706
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	10.5	9.4	14.2
68	5.4	4.2	6.4



#22
Acetophenone
Concen: 37.559 ng
RT: 8.97 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:	105	Resp:	159989
Ion	Ratio	Lower	Upper
105	100		
71	0.7	0.8	1.2#
51	34.2	30.2	45.2
120	22.0	18.0	27.0

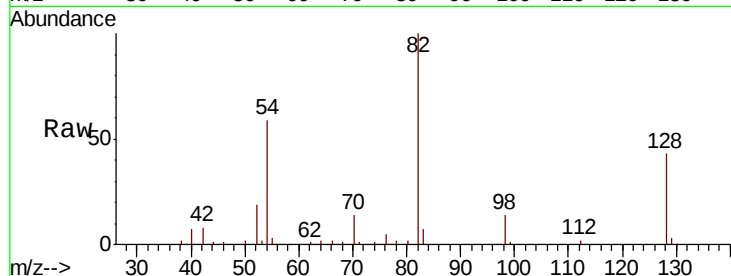




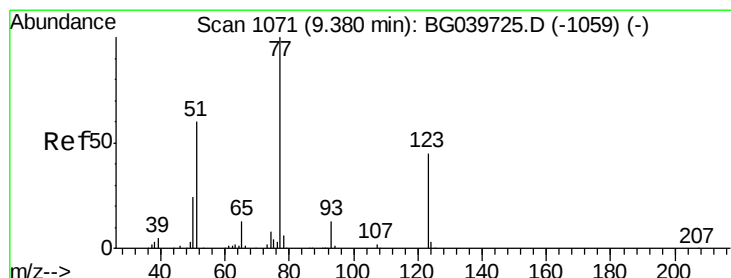
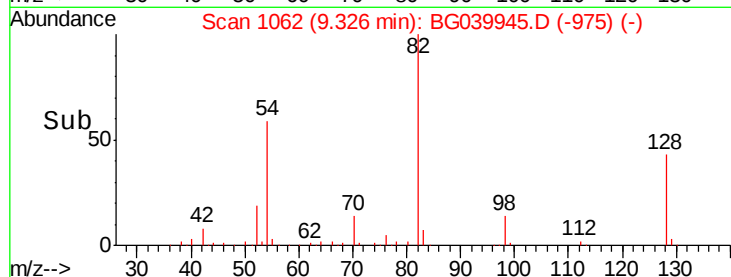
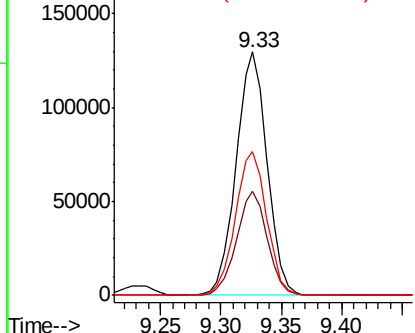
#23
 Nitrobenzene-d5
 Concen: 78.865 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.6	31.3	46.9
54	59.2	50.9	76.3

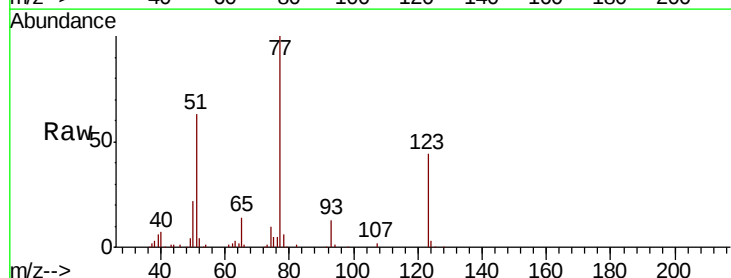


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

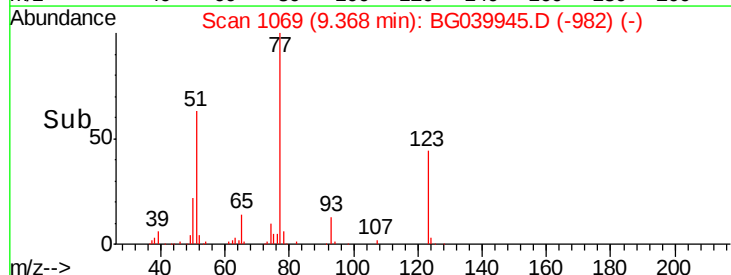
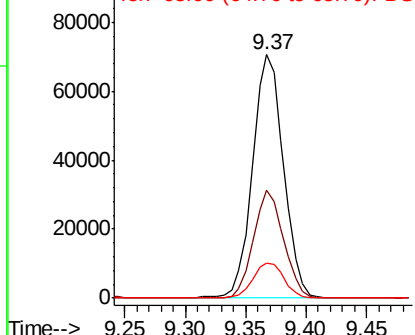


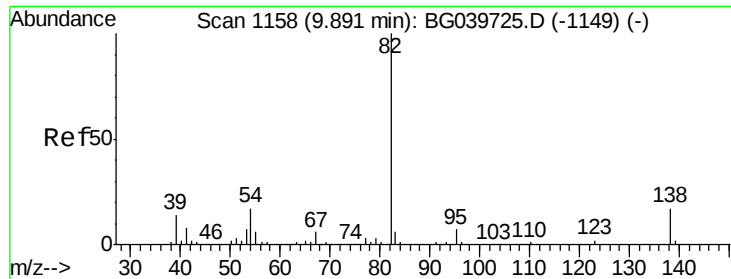
#24
 Nitrobenzene
 Concen: 40.743 ng
 RT: 9.37 min Scan# 1069
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.1	34.1	51.1
65	14.5	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: 37.559 ng

RT: 9.88 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

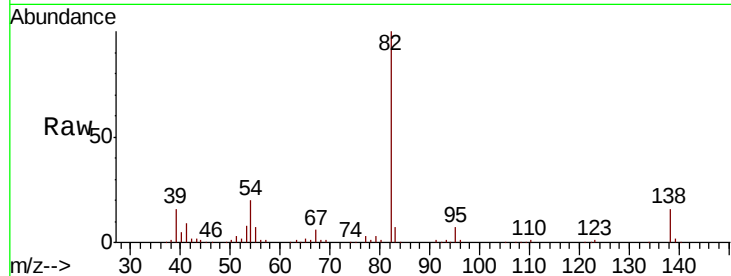
Tgt Ion: 82 Resp: 230934

Ion Ratio Lower Upper

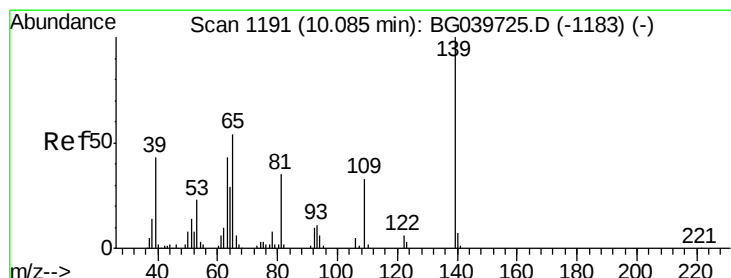
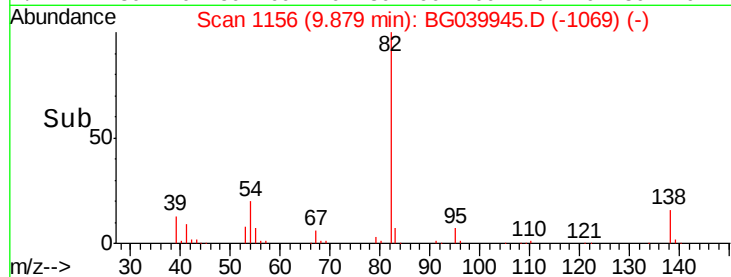
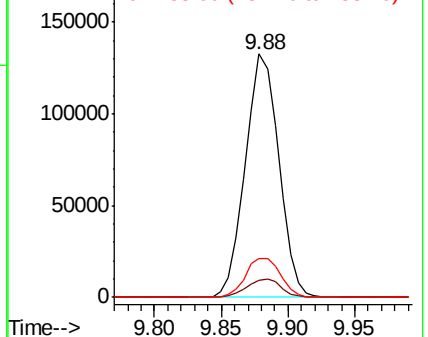
82 100

95 6.8 6.2 9.2

138 15.7 13.0 19.4



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



#26

2-Nitrophenol

Concen: 40.653 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

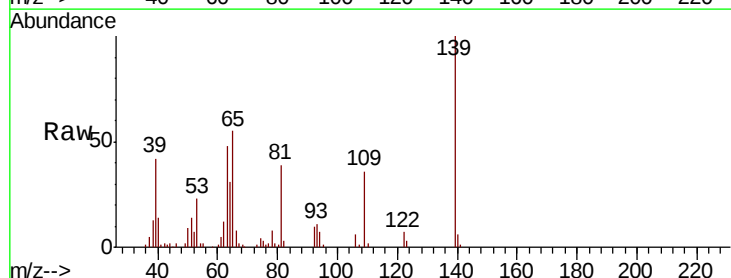
Tgt Ion: 139 Resp: 60424

Ion Ratio Lower Upper

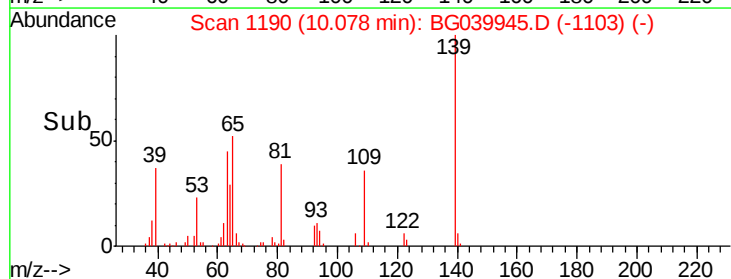
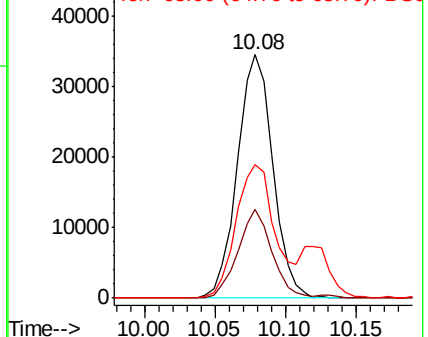
139 100

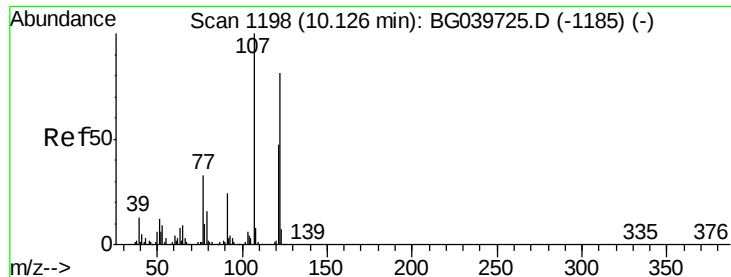
109 36.3 23.4 35.0#

65 55.0 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 46.424 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

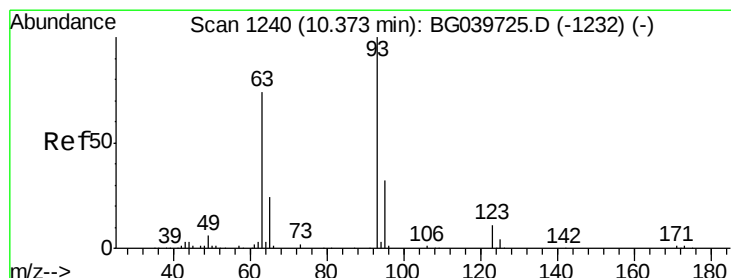
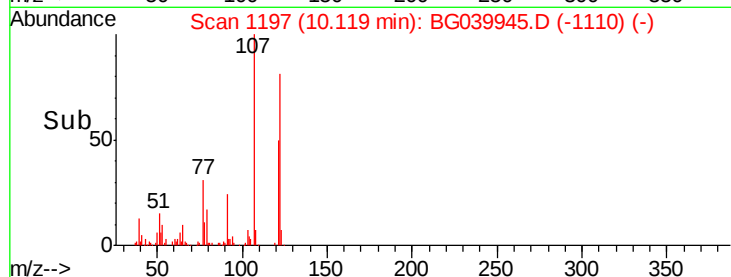
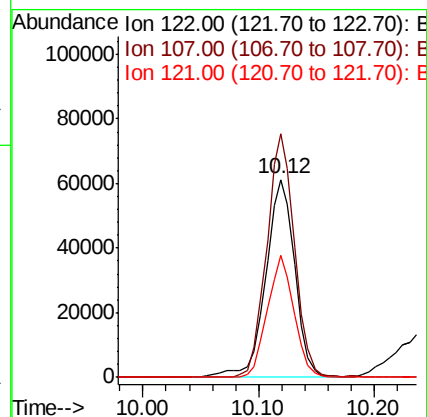
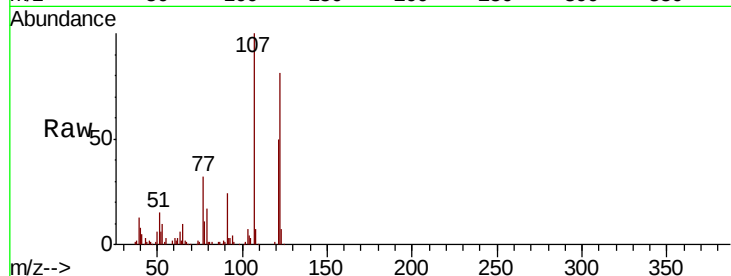
Tgt Ion:122 Resp: 107315

Ion Ratio Lower Upper

122 100

107 123.0 91.7 137.5

121 61.9 46.4 69.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.810 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

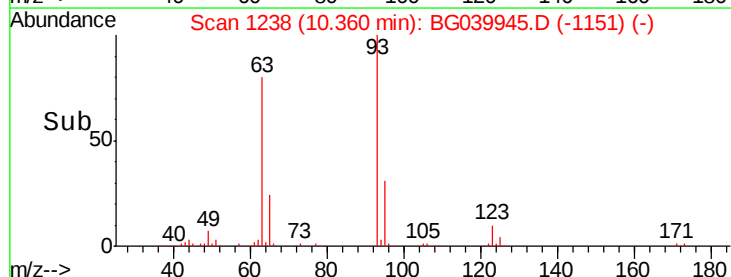
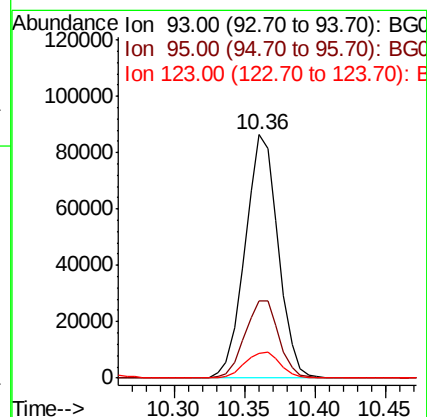
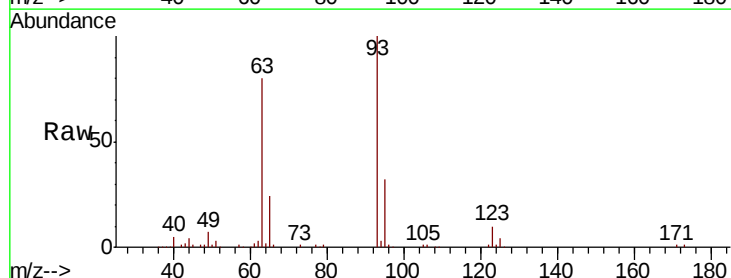
Tgt Ion: 93 Resp: 141279

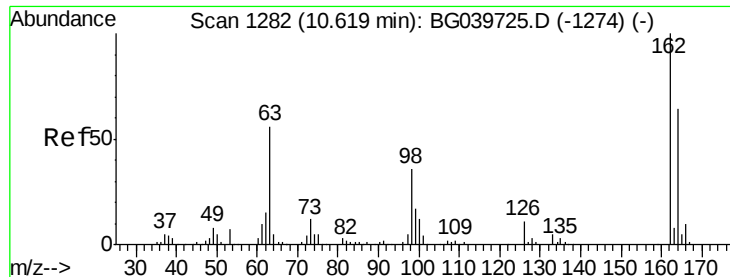
Ion Ratio Lower Upper

93 100

95 31.5 25.0 37.4

123 10.4 8.6 12.8

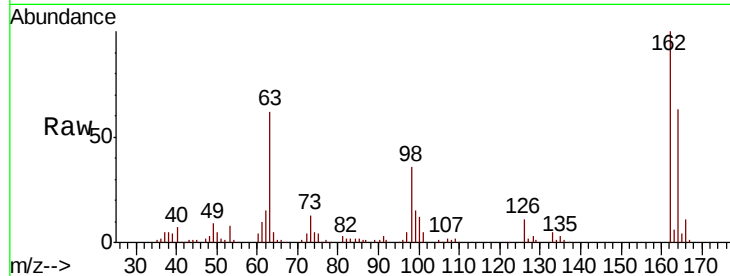




#29
 2,4-Dichlorophenol
 Concen: 42.687 ng
 RT: 10.61 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	48.1	88.1
98	36.4	18.1	58.1

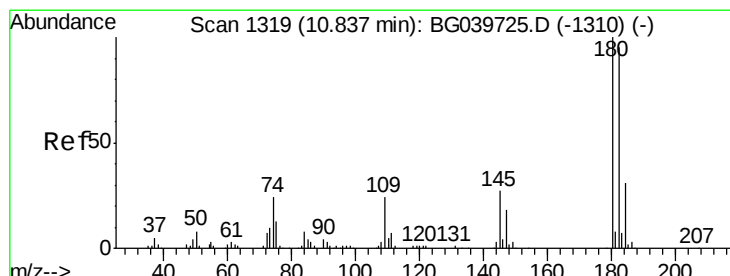
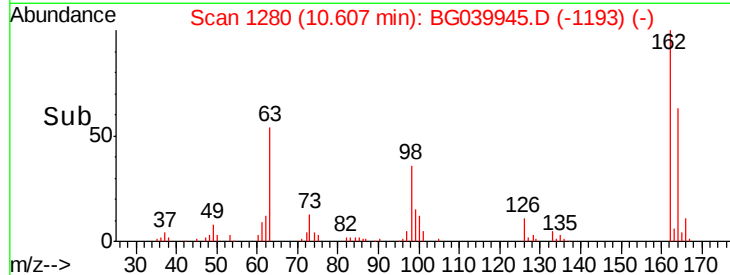
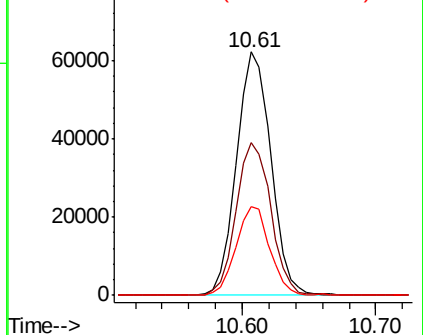


Abundance

Ion 162.00 (161.70 to 162.70): E

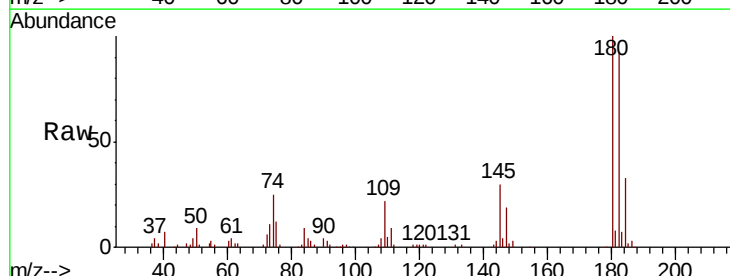
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30
 1,2,4-Trichlorobenzene
 Concen: 40.165 ng
 RT: 10.82 min Scan# 1317
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	76.0	114.0
145	30.2	22.7	34.1

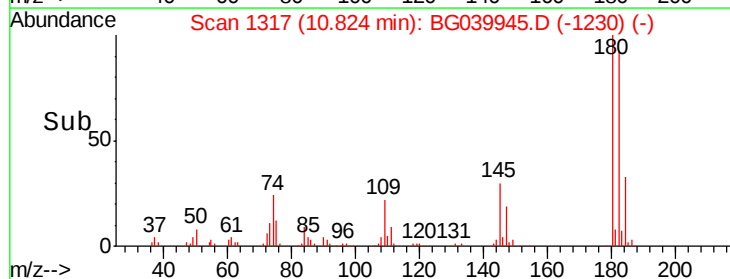
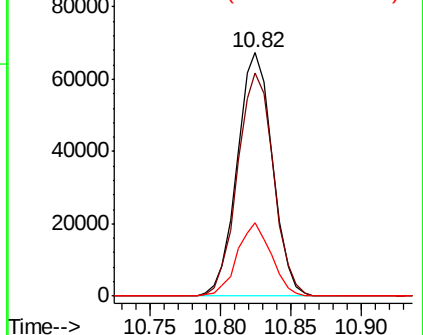


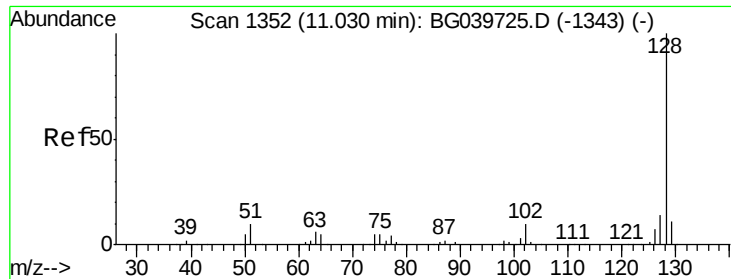
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

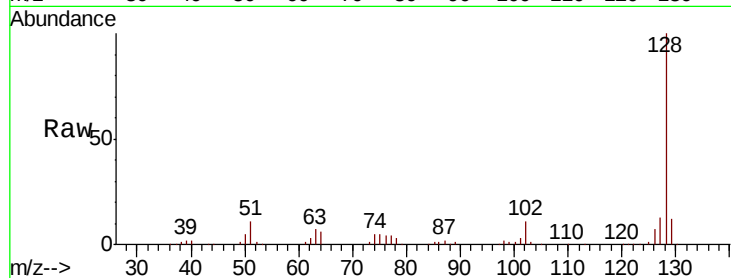




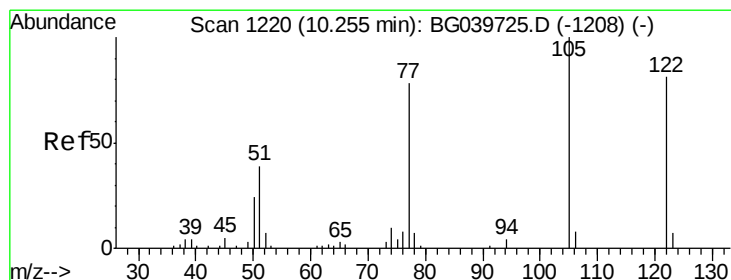
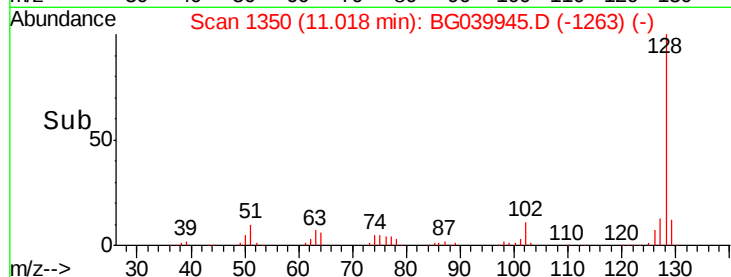
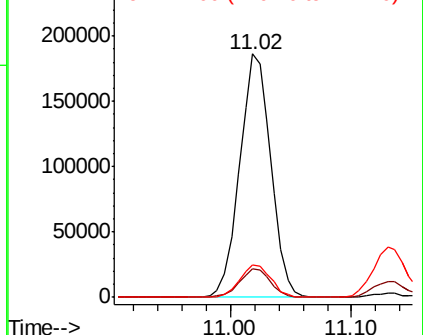
#31
Naphthalene
Concen: 39.703 ng
RT: 11.02 min Scan# 1350
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:128 Resp: 333613
Ion Ratio Lower Upper
128 100
129 11.8 8.7 13.1
127 13.2 10.8 16.2

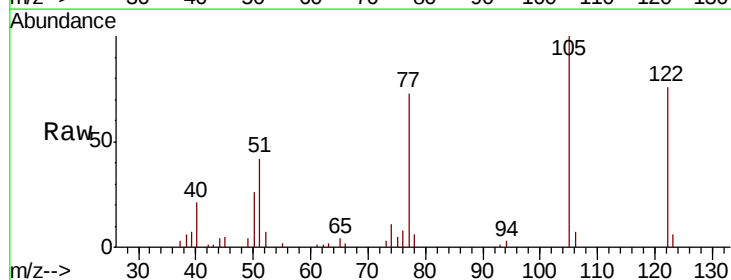


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

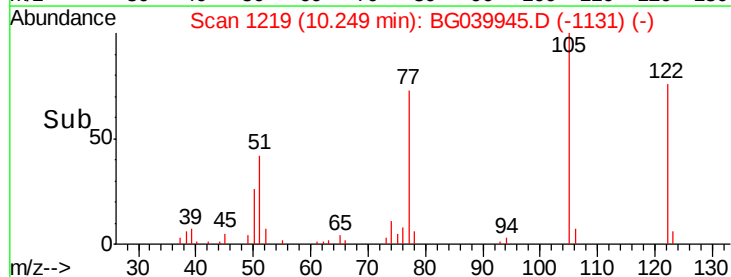
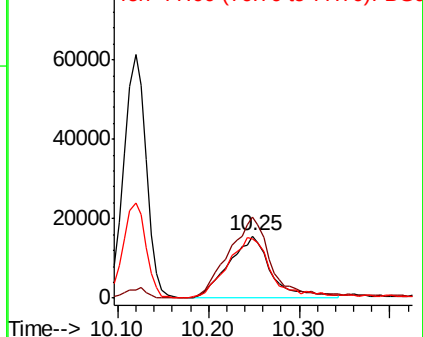


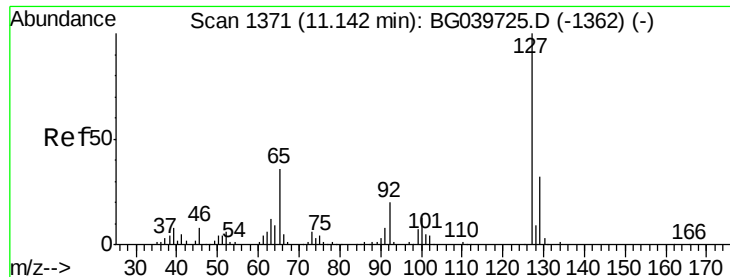
#32
Benzoic acid
Concen: 34.150 ng
RT: 10.25 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:122 Resp: 50699
Ion Ratio Lower Upper
122 100
105 131.5 101.8 141.8
77 96.6 76.3 116.3



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

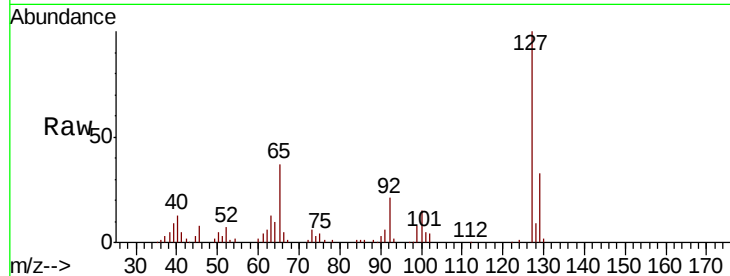




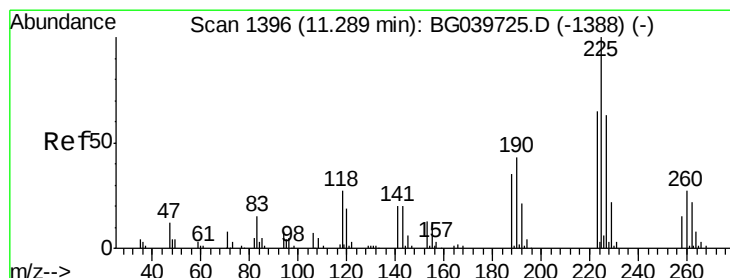
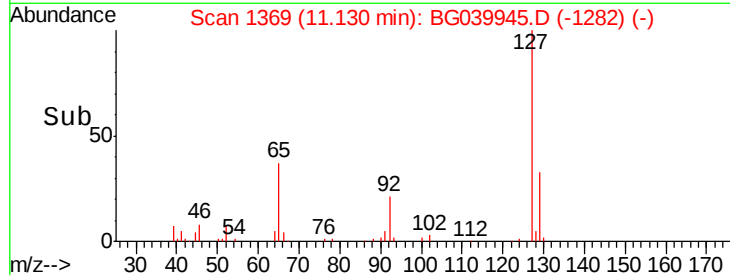
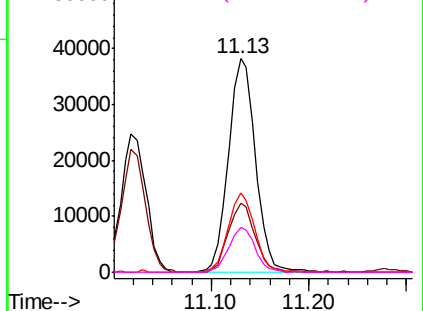
#33
4-Chloroaniline
Concen: 20.621 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:127 Resp: 73477
Ion Ratio Lower Upper
127 100
129 32.6 27.0 40.4
65 37.0 28.8 43.2
92 20.8 16.6 25.0

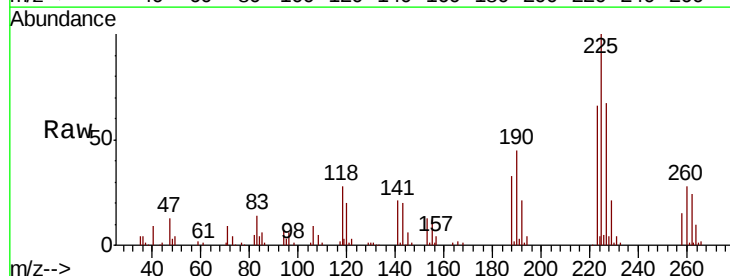


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

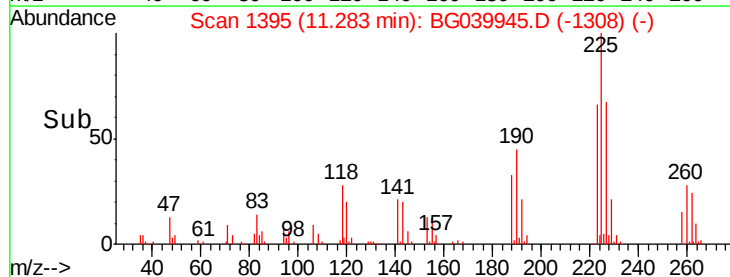
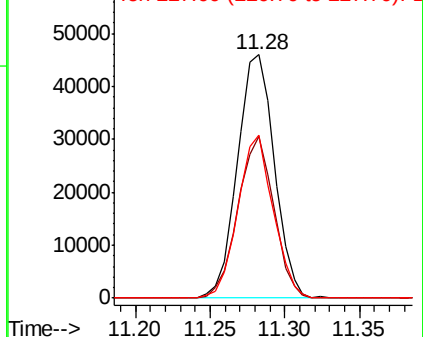


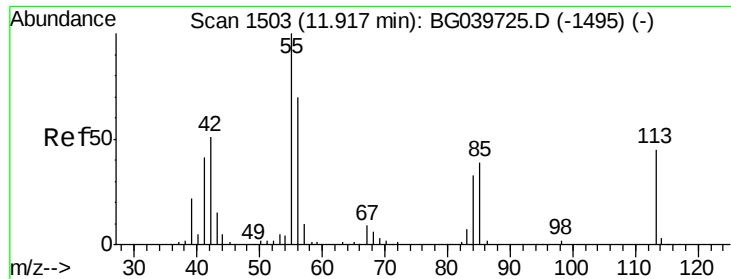
#34
Hexachlorobutadiene
Concen: 39.502 ng
RT: 11.28 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:225 Resp: 79055
Ion Ratio Lower Upper
225 100
223 66.3 49.0 73.6
227 66.9 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: 22.063 ng

RT: 11.91 min Scan# 1502

Delta R.T. -0.03 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

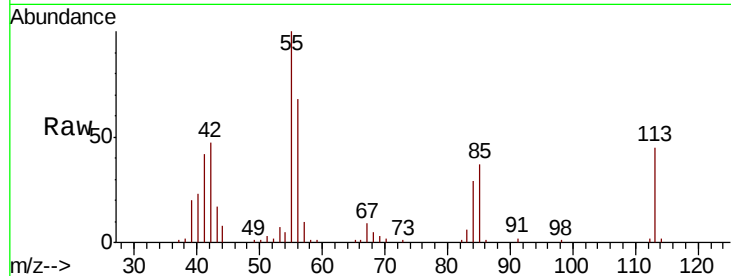
Tgt Ion:113 Resp: 21935

Ion Ratio Lower Upper

113 100

55 221.2 216.9 256.9

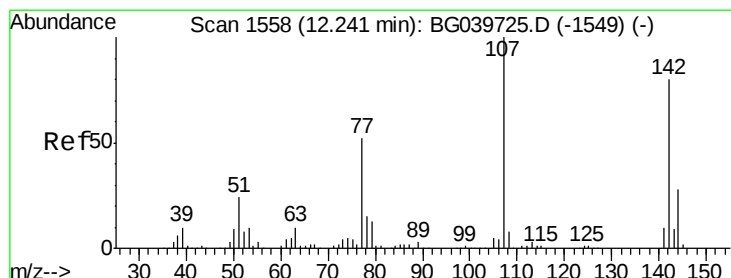
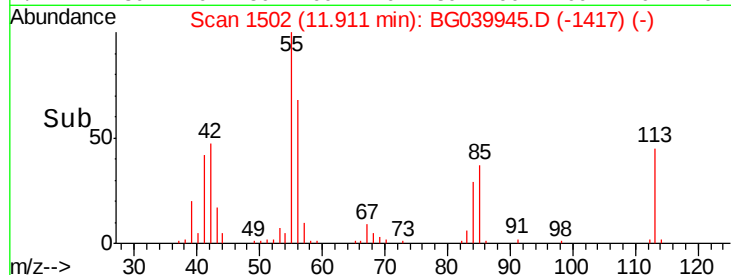
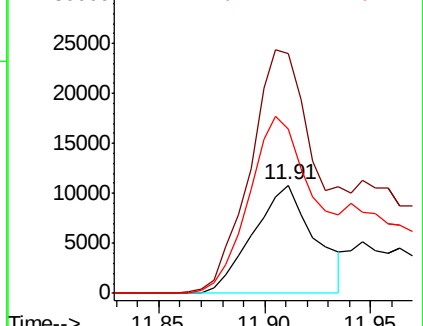
56 151.1 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 39.071 ng

RT: 12.23 min Scan# 1556

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

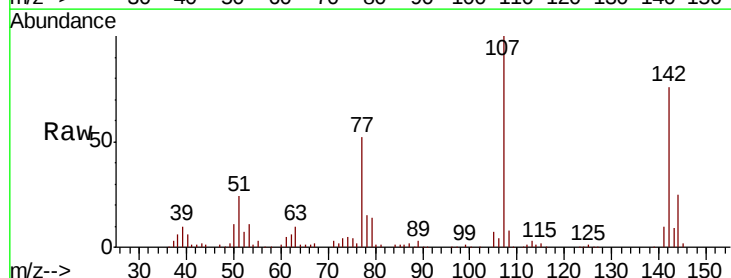
Tgt Ion:107 Resp: 116568

Ion Ratio Lower Upper

107 100

144 25.0 20.2 30.2

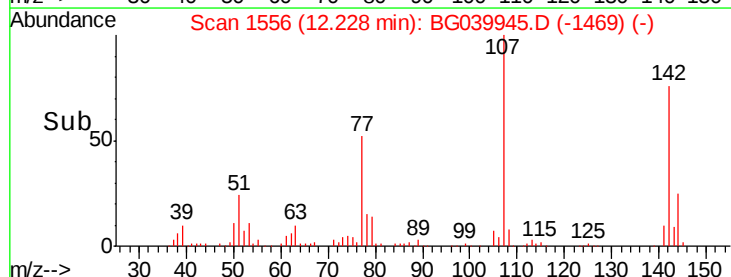
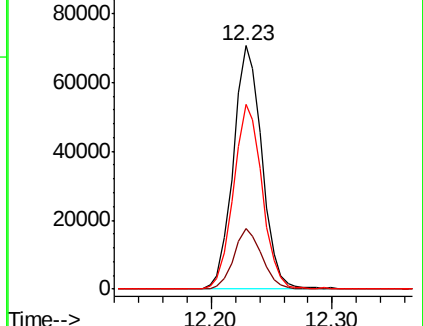
142 75.7 61.4 92.2

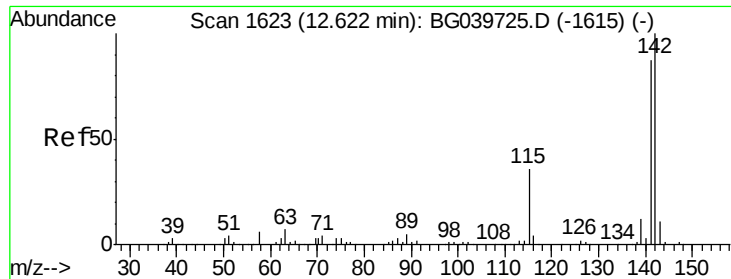


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

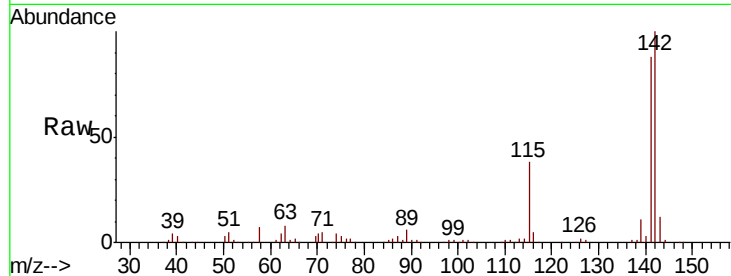




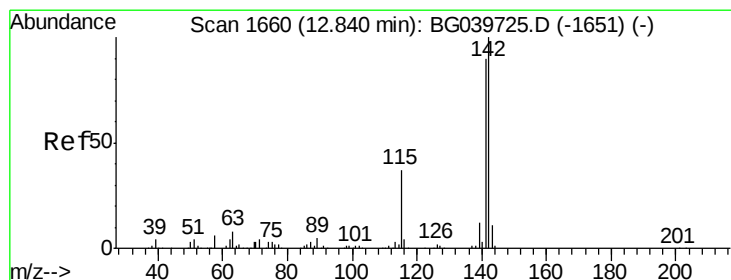
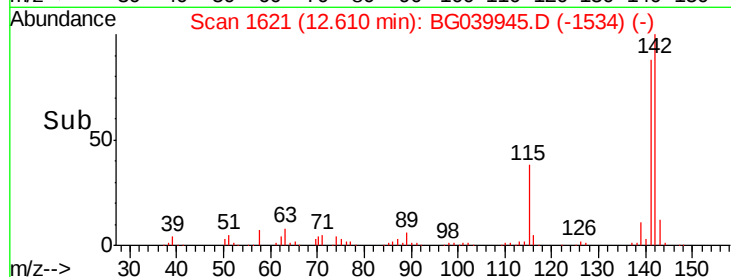
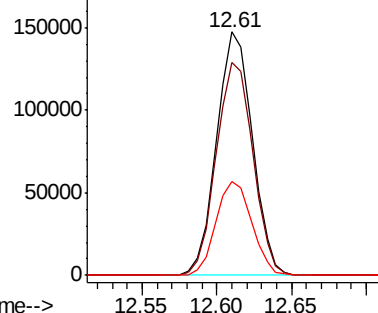
#37
2-Methylnaphthalene
Concen: 38.806 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:142 Resp: 243784
Ion Ratio Lower Upper
142 100
141 87.6 73.5 110.3
115 38.4 30.8 46.2

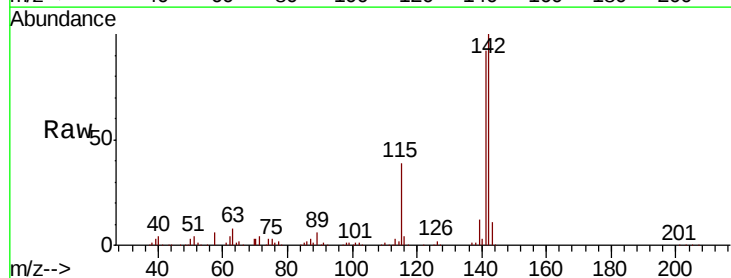


Abundance Ion 142.00 (141.70 to 142.70): E
200000
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

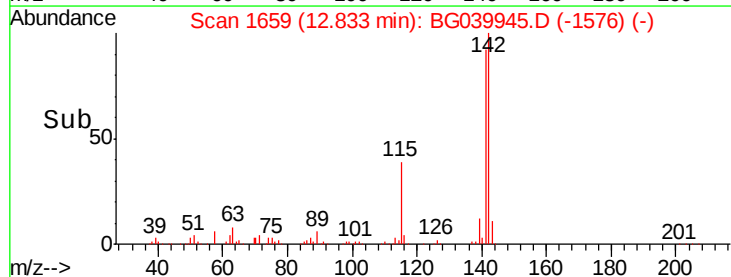
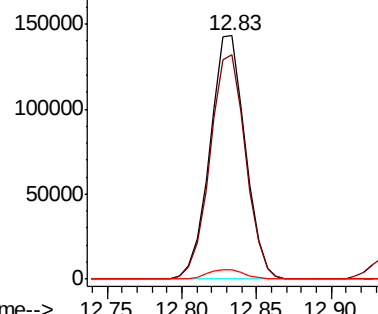


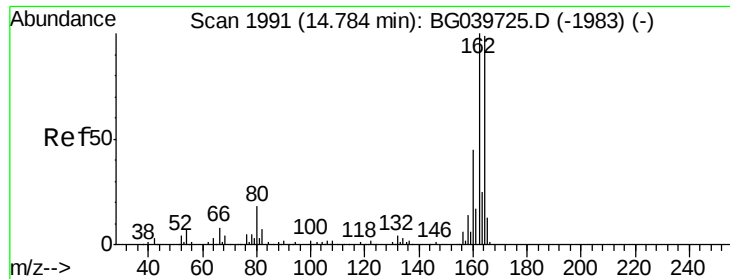
#38
1-Methylnaphthalene
Concen: 38.430 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:142 Resp: 234621
Ion Ratio Lower Upper
142 100
141 92.4 74.2 111.4
116 4.1 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
200000
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# 1989

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

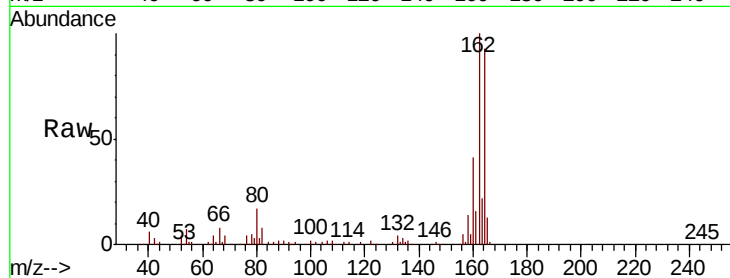
Tgt Ion:164 Resp: 97205

Ion Ratio Lower Upper

164 100

162 107.2 81.6 122.4

160 43.8 34.2 51.2

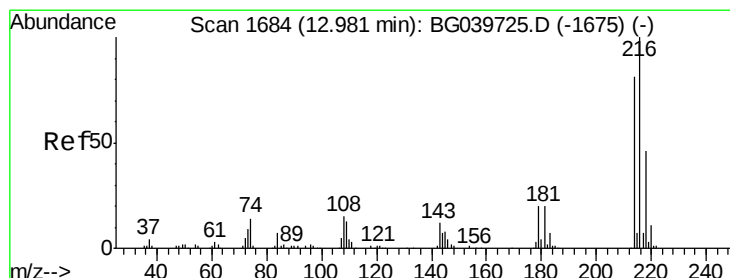
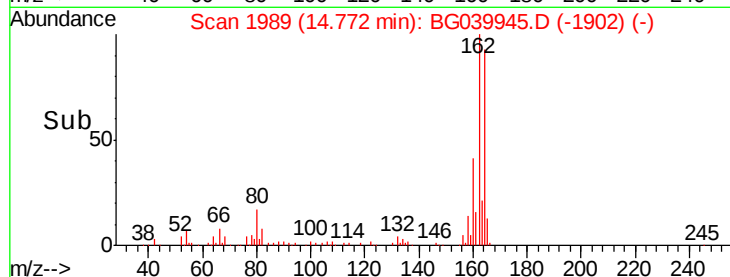
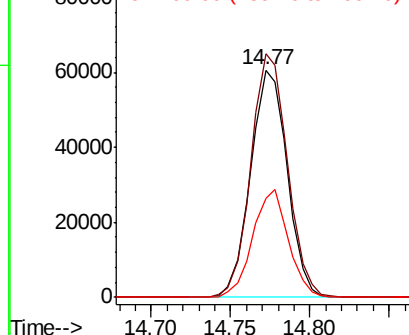


Abundance

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: 42.213 ng

RT: 12.97 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Tgt Ion:216 Resp: 139011

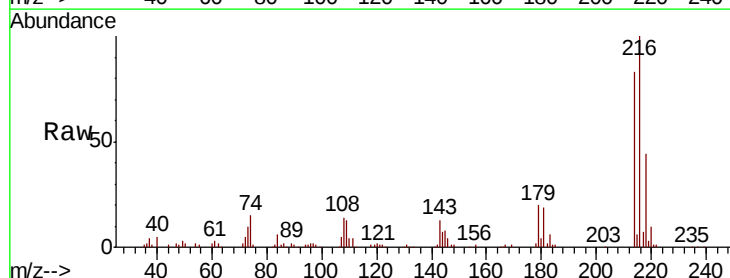
Ion Ratio Lower Upper

216 100

214 81.1 62.6 94.0

179 19.8 16.6 25.0

108 18.4 14.0 21.0



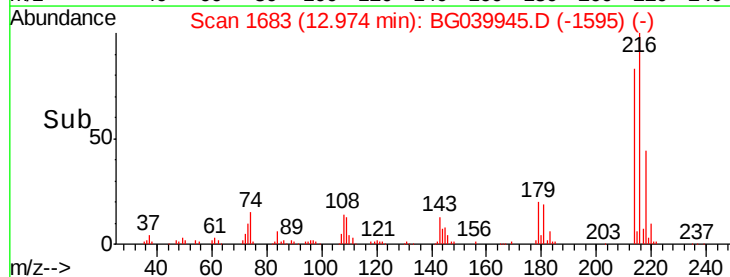
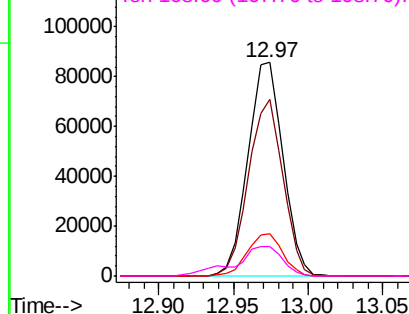
Abundance

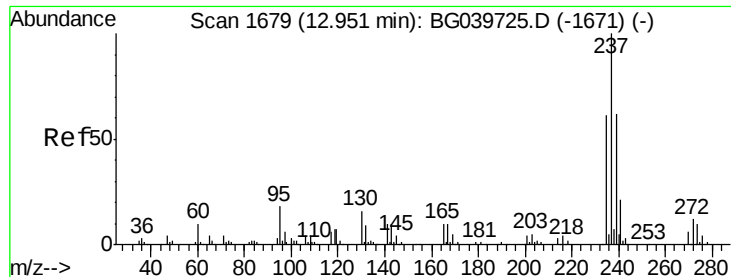
Ion 216.00 (215.70 to 216.70): E

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: 106.900 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

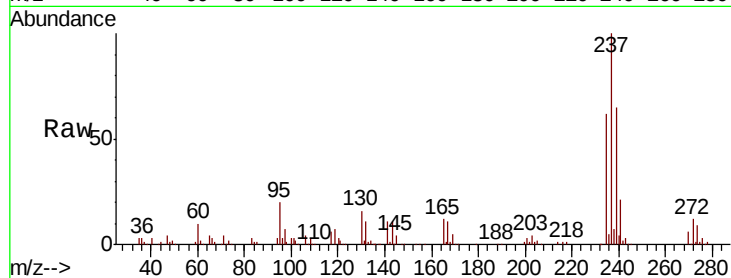
Tgt Ion:237 Resp: 188654

Ion Ratio Lower Upper

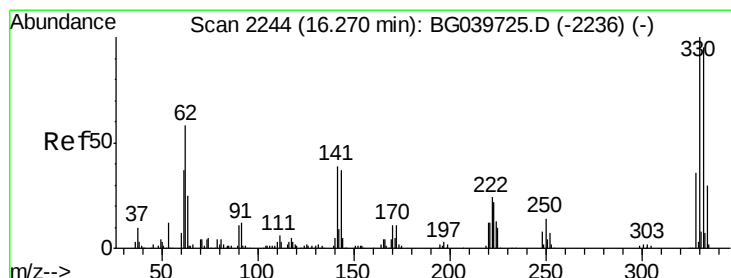
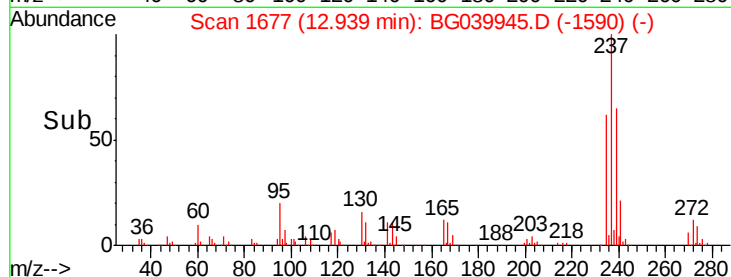
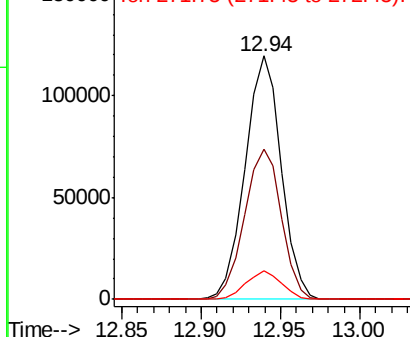
237 100

235 61.7 43.3 83.3

272 11.6 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: 134.902 ng

RT: 16.26 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

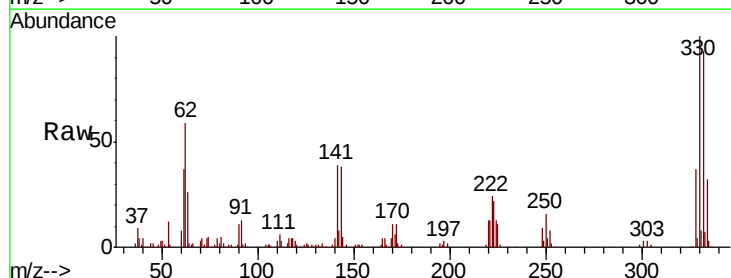
Tgt Ion:330 Resp: 152843

Ion Ratio Lower Upper

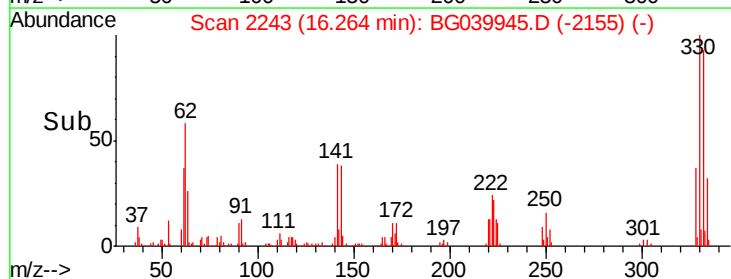
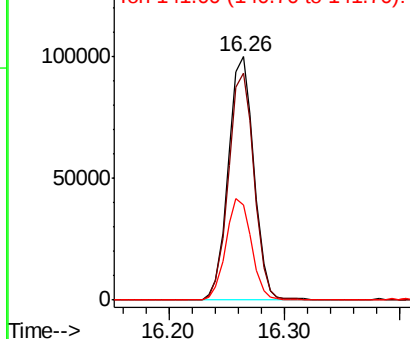
330 100

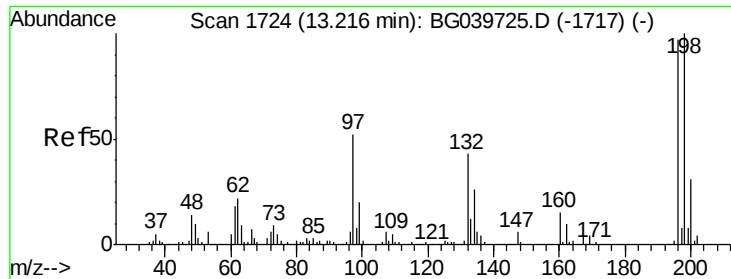
332 93.6 75.7 113.5

141 41.9 35.6 53.4



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

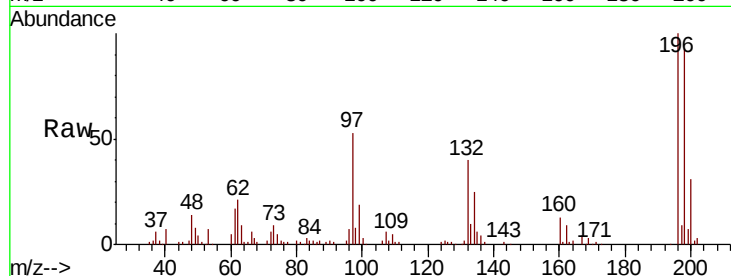




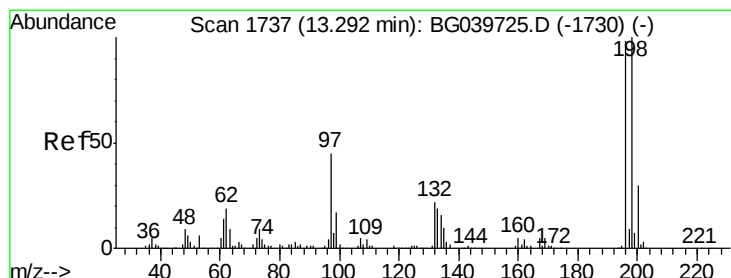
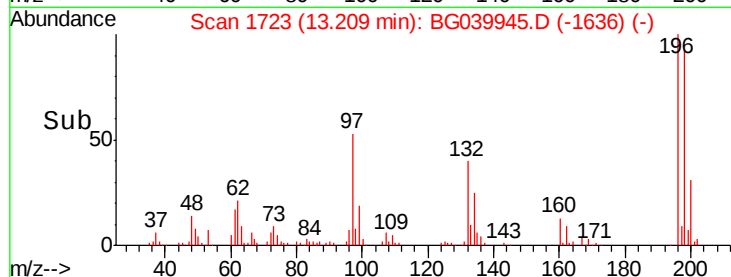
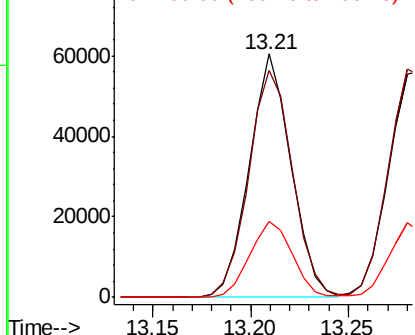
#43
 2,4,6-Trichlorophenol
 Concen: 46.550 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion:196 Resp: 89746
 Ion Ratio Lower Upper
 196 100
 198 93.4 80.6 121.0
 200 31.4 26.1 39.1

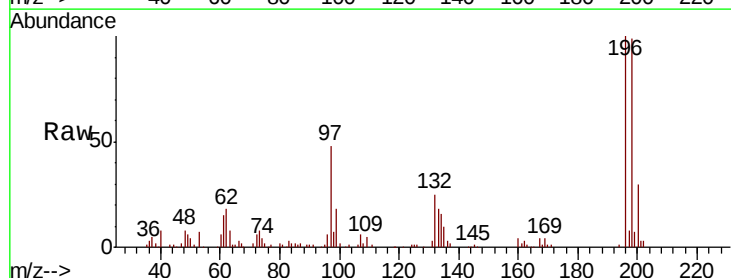


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

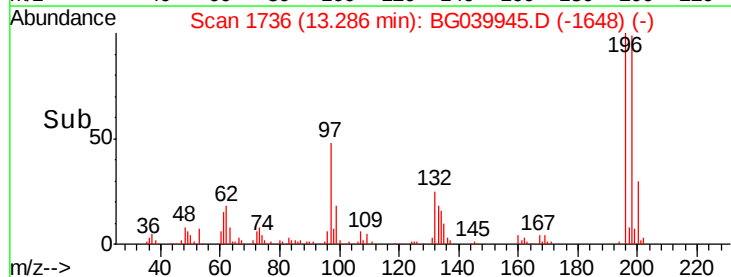
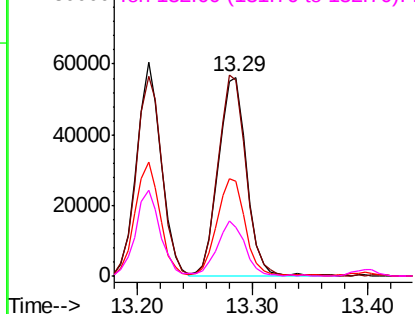


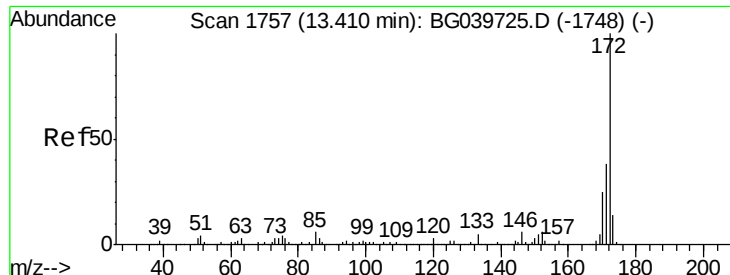
#44
 2,4,5-Trichlorophenol
 Concen: 43.926 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion:196 Resp: 95457
 Ion Ratio Lower Upper
 196 100
 198 98.6 78.5 117.7
 97 47.6 38.4 57.6
 132 24.6 19.2 28.8



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

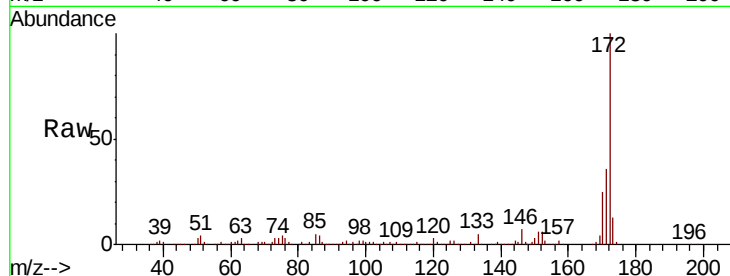




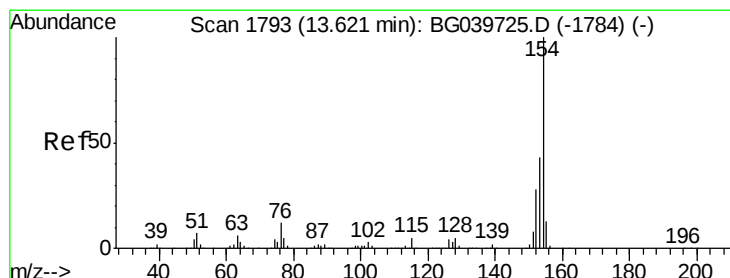
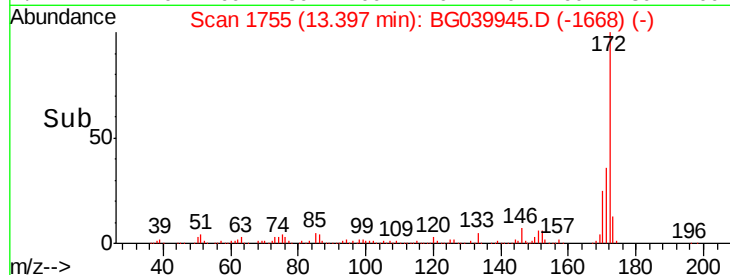
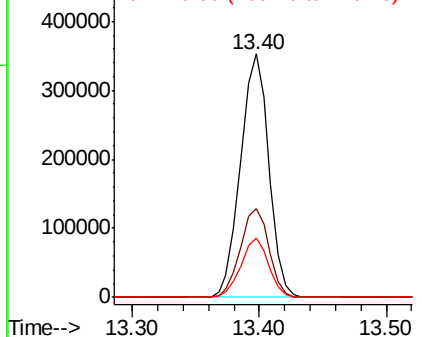
#45
 2-Fluorobiphenyl
 Concen: 79.651 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion:172 Resp: 543776
 Ion Ratio Lower Upper
 172 100
 171 36.4 30.8 46.2
 170 24.6 20.2 30.4

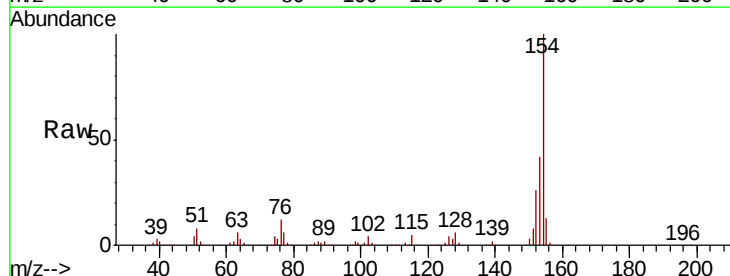


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

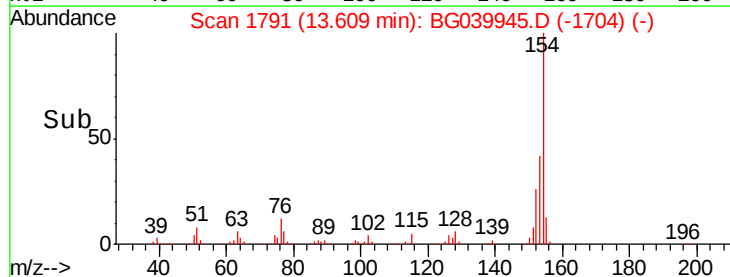
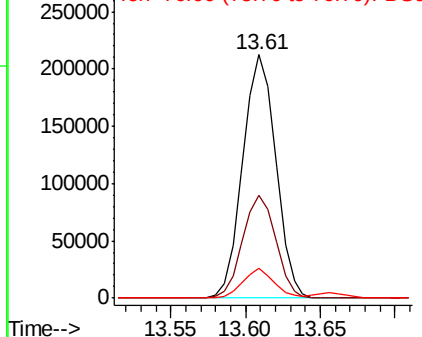


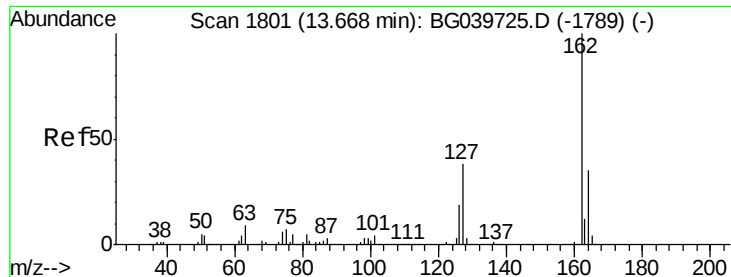
#46
 1,1'-Biphenyl
 Concen: 40.763 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion:154 Resp: 325899
 Ion Ratio Lower Upper
 154 100
 153 42.1 22.1 62.1
 76 12.2 0.0 32.4



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

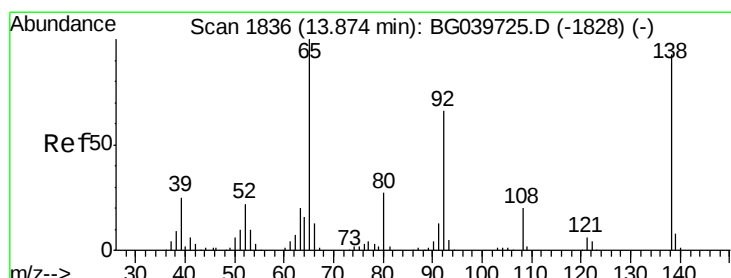
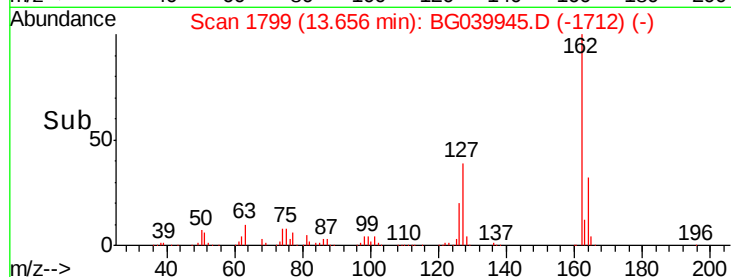
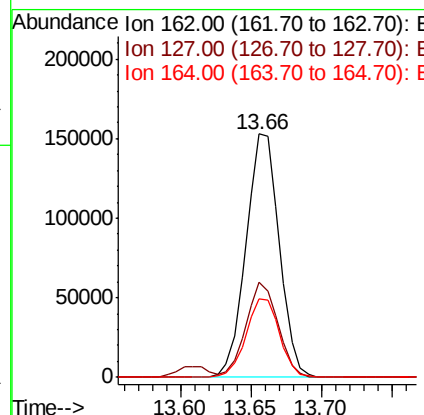
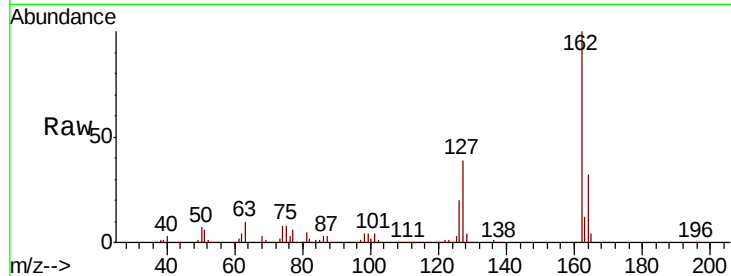




#47
 2-Chloronaphthalene
 Concen: 41.879 ng
 RT: 13.66 min Scan# 1799
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

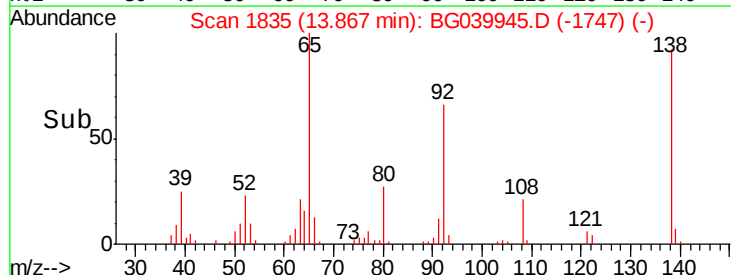
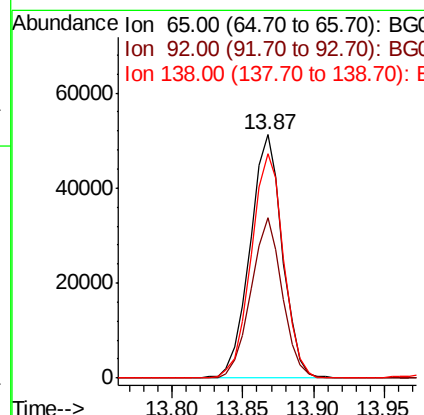
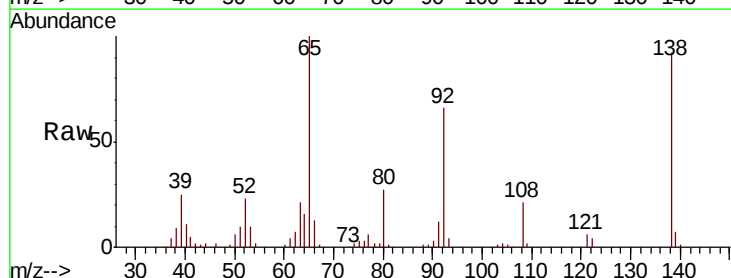
Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

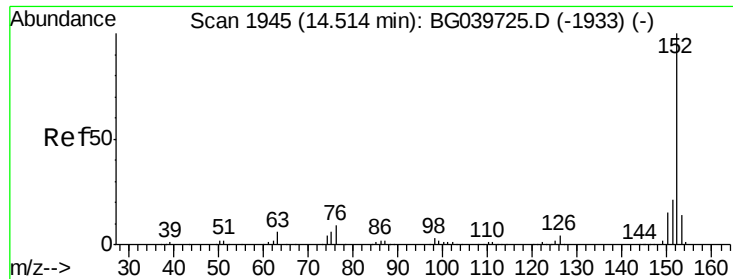
Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	32.4	25.7	38.5



#48
 2-Nitroaniline
 Concen: 42.570 ng
 RT: 13.87 min Scan# 1835
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.8	51.4	77.2
138	92.1	71.4	107.2





#49

Acenaphthylene

Concen: 40.031 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

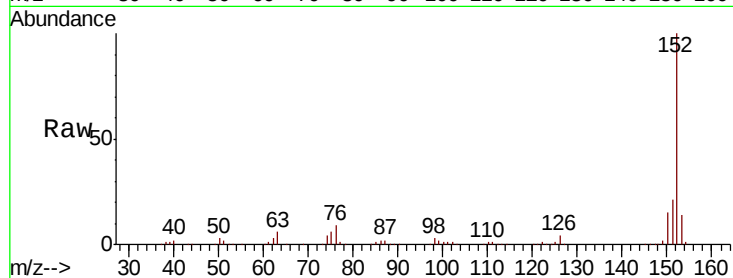
Tgt Ion:152 Resp: 395246

Ion Ratio Lower Upper

152 100

151 21.3 16.8 25.2

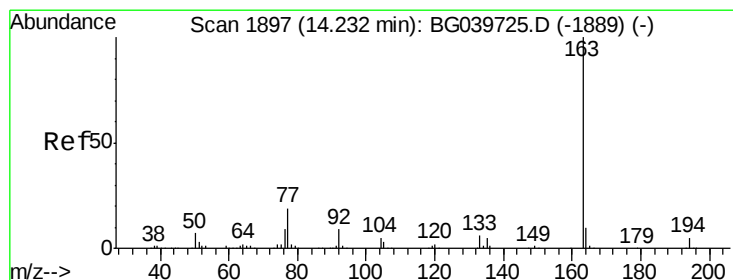
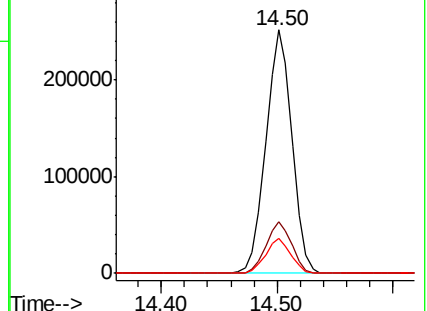
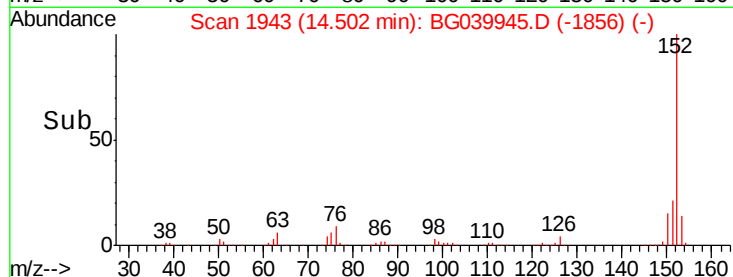
153 14.1 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.611 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

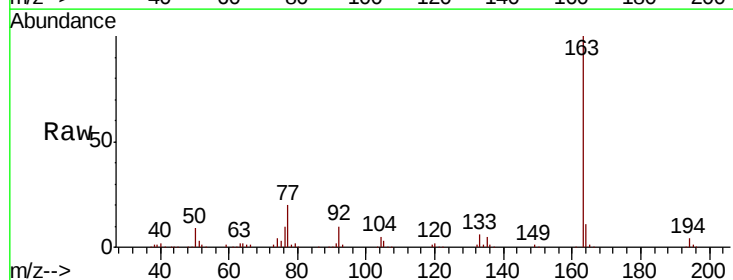
Tgt Ion:163 Resp: 321968

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

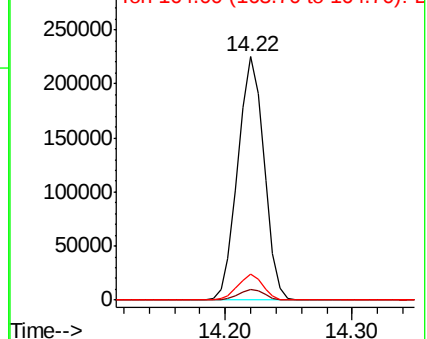
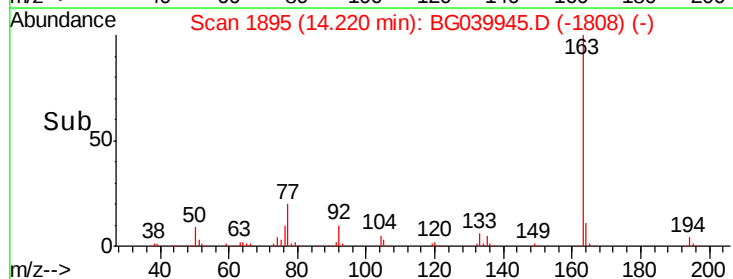
164 10.6 8.4 12.6

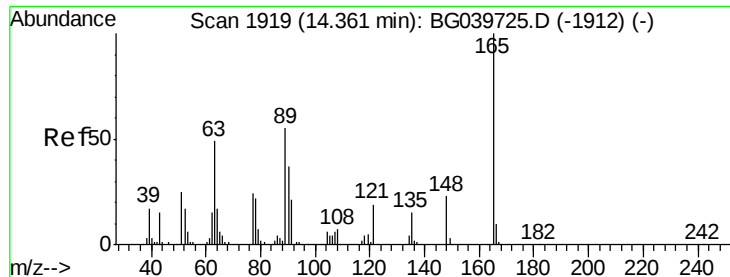


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.002 ng

RT: 14.35 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

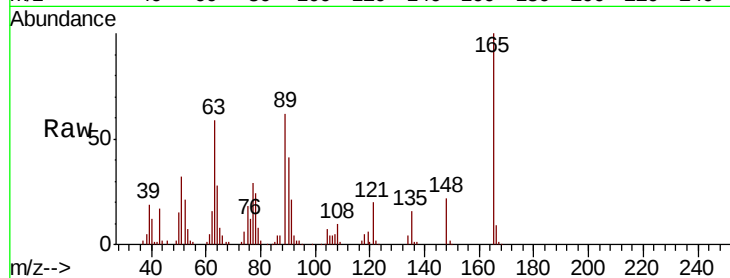
Tgt Ion:165 Resp: 68929

Ion Ratio Lower Upper

165 100

63 59.5 47.0 70.6

89 62.2 45.8 68.8



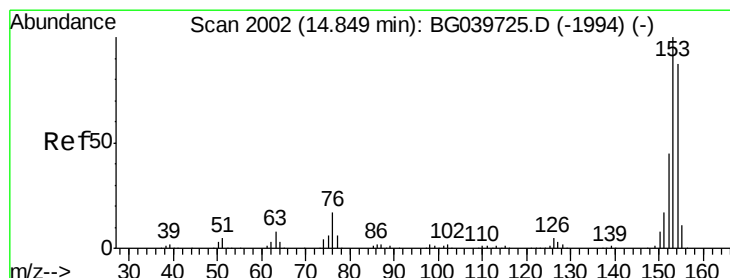
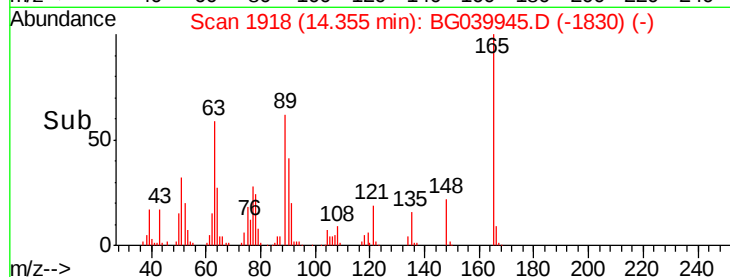
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

14.35

Time-->



#52

Acenaphthene

Concen: 39.866 ng

RT: 14.84 min Scan# 2000

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

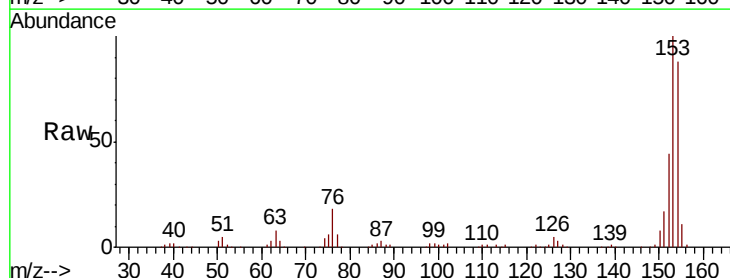
Tgt Ion:154 Resp: 236909

Ion Ratio Lower Upper

154 100

153 114.1 90.1 135.1

152 50.0 40.9 61.3



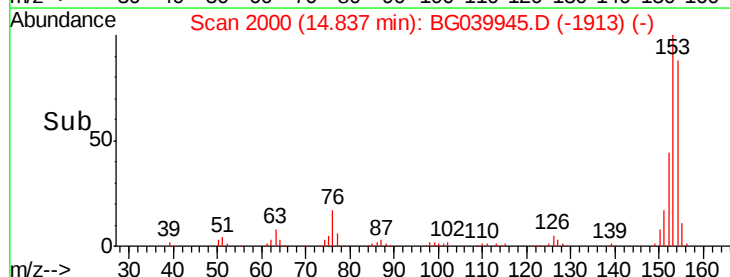
Abundance Ion 154.00 (153.70 to 154.70): E

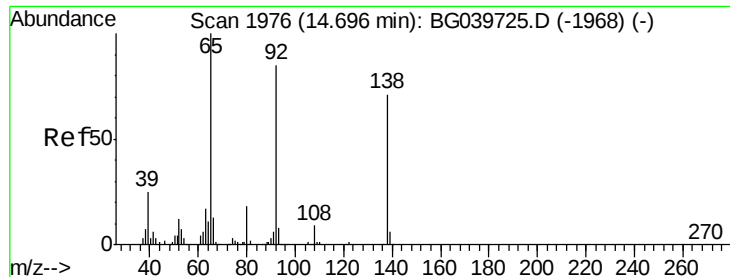
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

14.84

Time-->





#53

3-Nitroaniline

Concen: 28.128 ng

RT: 14.68 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

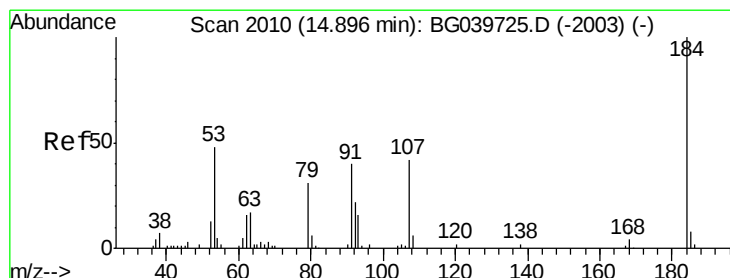
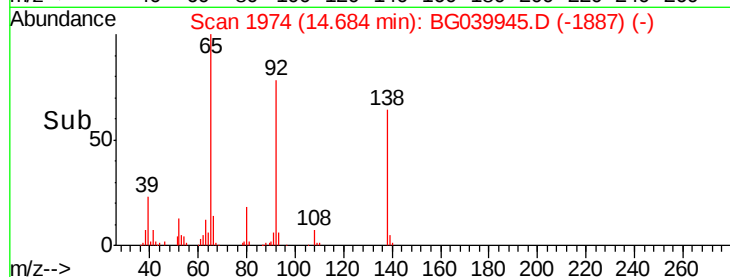
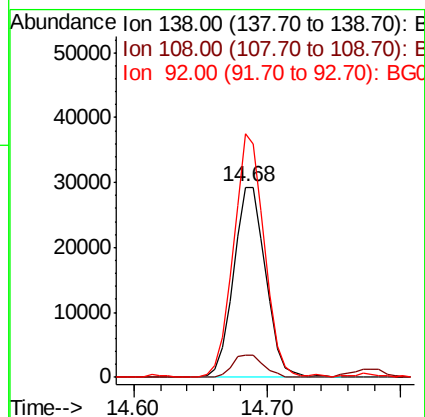
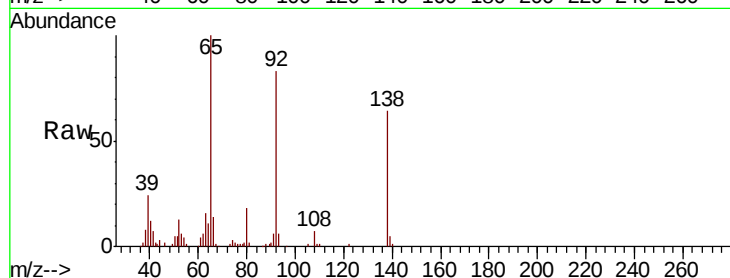
Tgt Ion:138 Resp: 48722

Ion Ratio Lower Upper

138 100

108 11.5 13.8 20.8#

92 128.1 103.7 155.5



#54

2,4-Dinitrophenol

Concen: 63.986 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

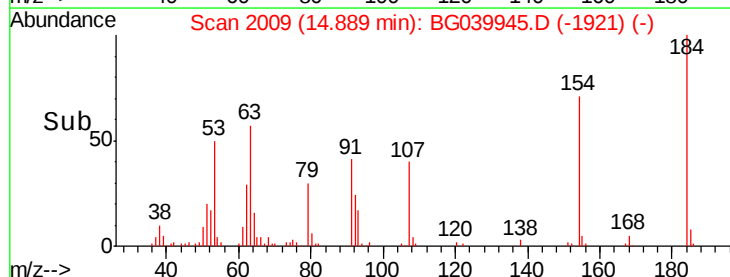
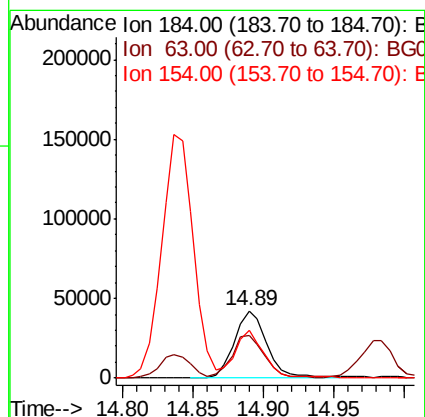
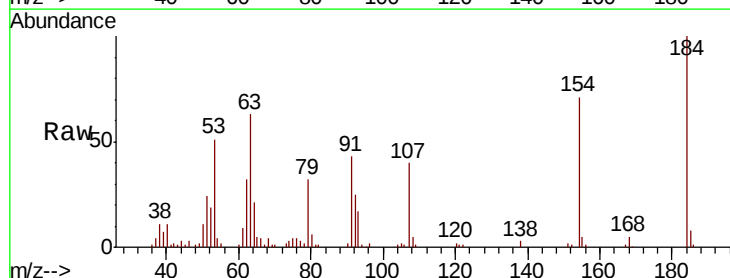
Tgt Ion:184 Resp: 68308

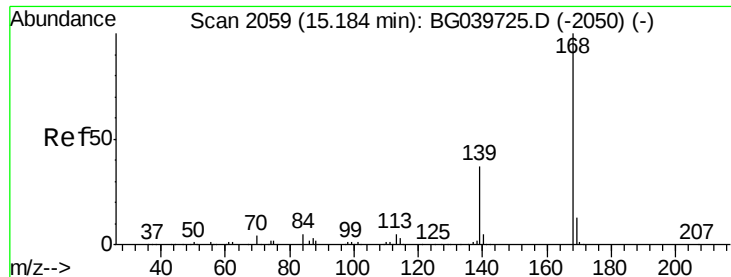
Ion Ratio Lower Upper

184 100

63 63.2 50.9 76.3

154 71.3 53.0 79.6





#55

Dibenzenofuran

Concen: 40.113 ng

RT: 15.17 min Scan# 2057

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

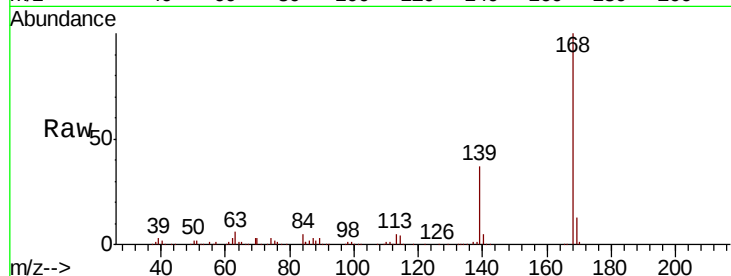
Tgt Ion:168 Resp: 391100

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

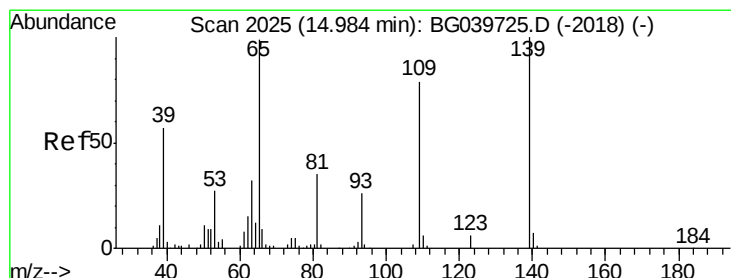
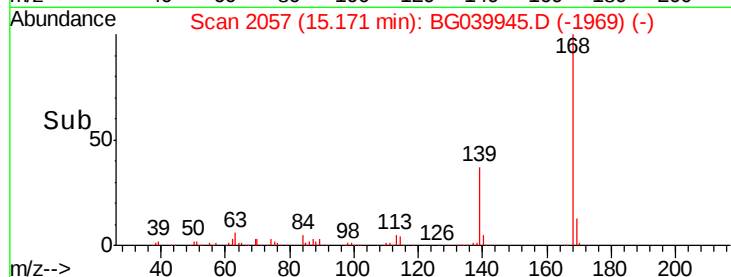
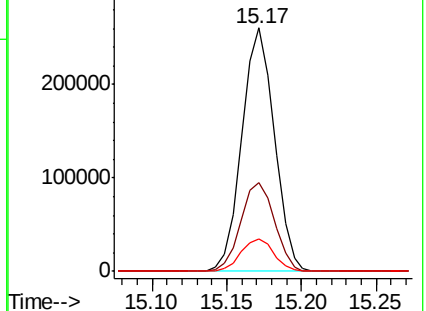
169 13.2 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 77.441 ng

RT: 14.98 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

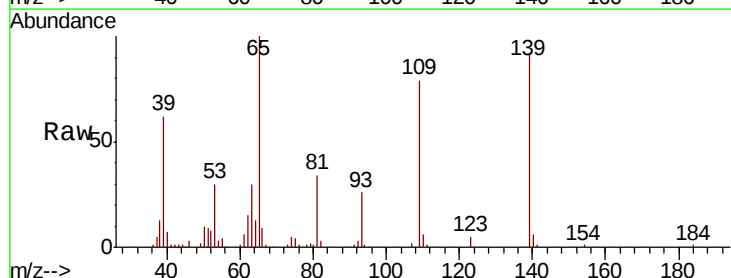
Tgt Ion:139 Resp: 119995

Ion Ratio Lower Upper

139 100

109 86.1 61.9 101.9

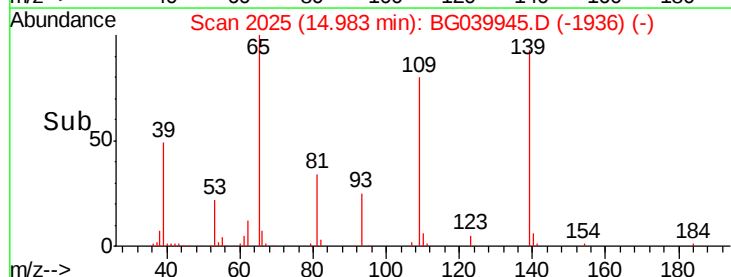
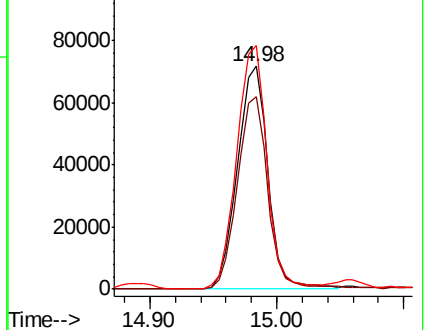
65 109.1 99.1 139.1

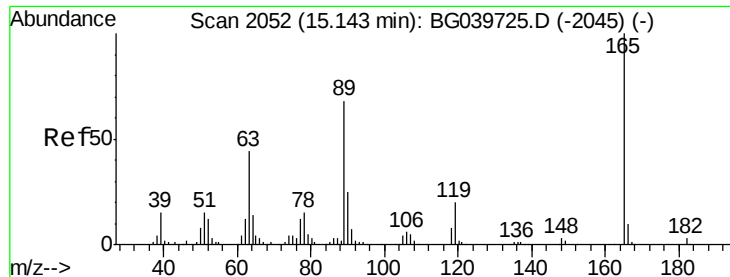


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

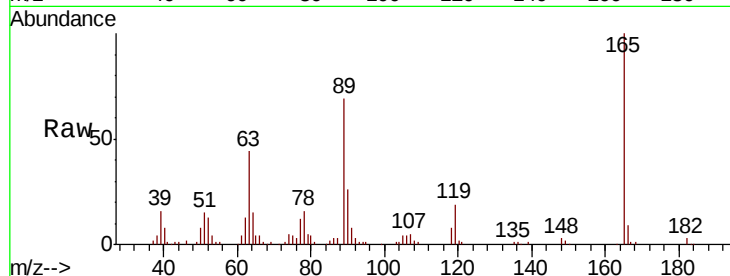




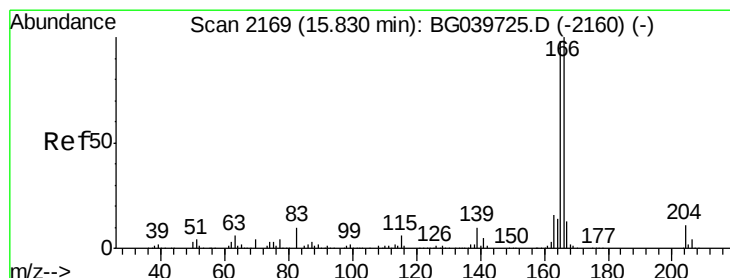
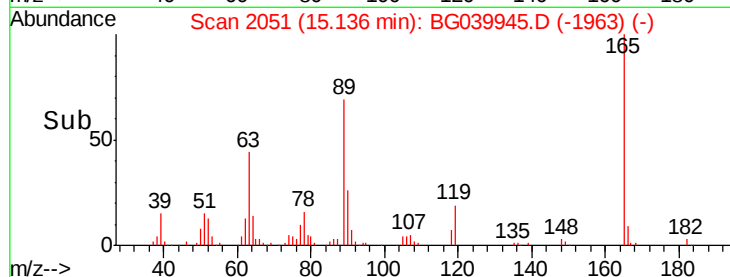
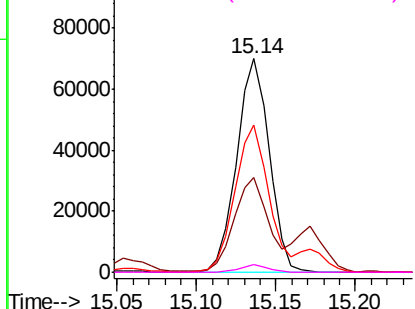
#57
2,4-Dinitrotoluene
Concen: 41.050 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion:	165	Resp:	99390
Ion	Ratio	Lower	Upper
165	100		
63	44.1	41.0	61.6
89	68.7	64.6	96.8
182	3.4	2.0	3.0#

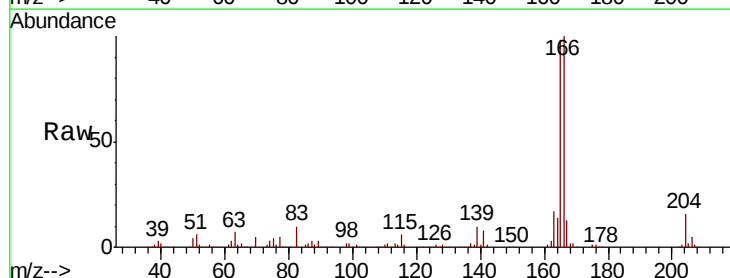


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

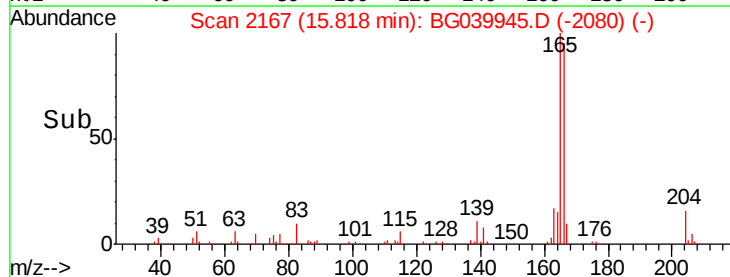
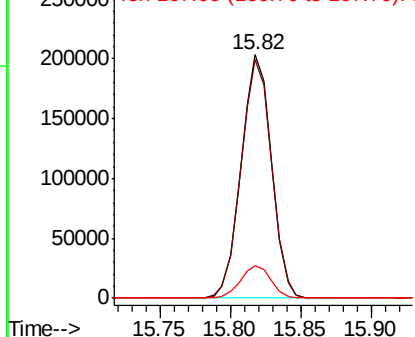


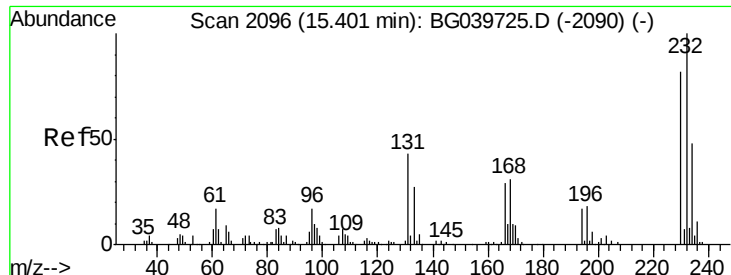
#58
Fluorene
Concen: 39.817 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:	166	Resp:	305193
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.3	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

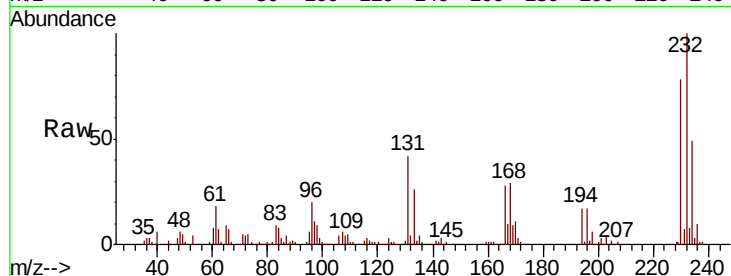




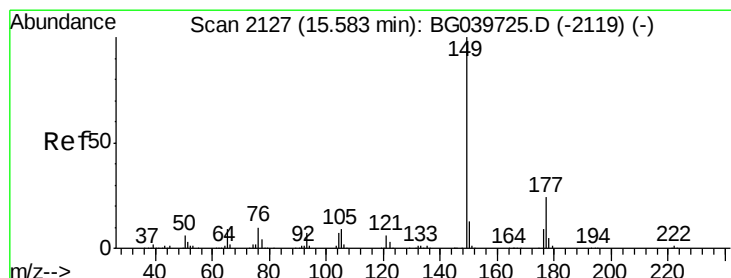
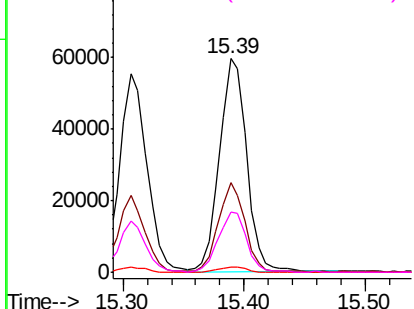
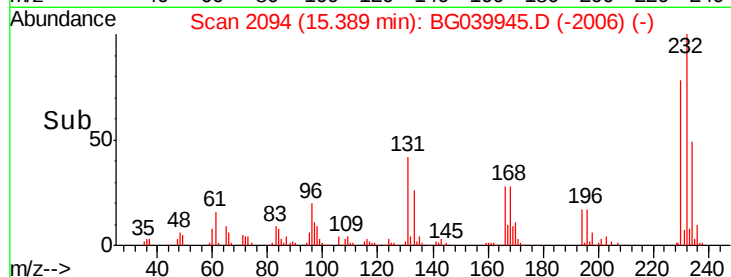
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.579 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion:	232	Resp:	92490
Ion	Ratio	Lower	Upper
232	100		
131	41.4	34.9	52.3
130	2.3	2.0	3.0
166	29.2	24.1	36.1

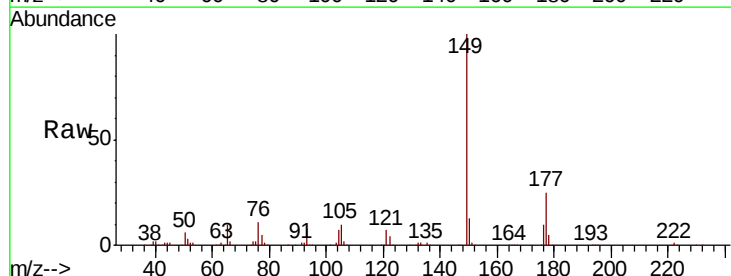


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

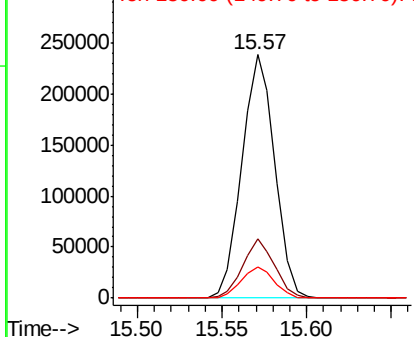
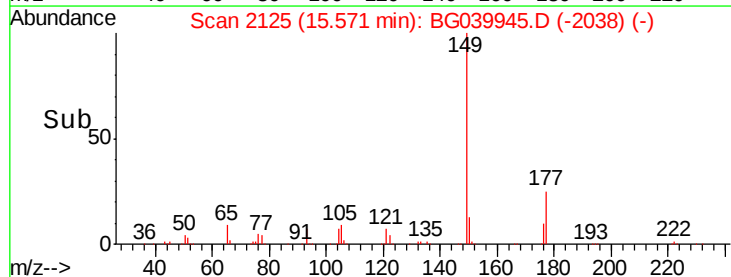


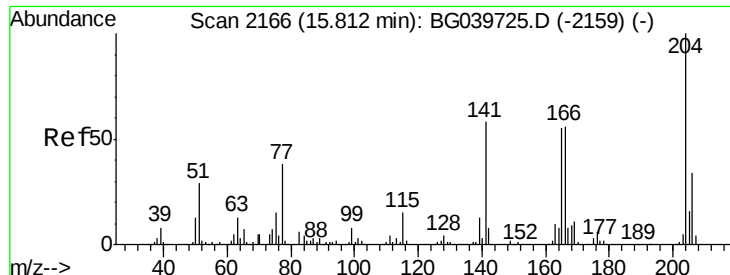
#60
 Diethylphthalate
 Concen: 39.940 ng
 RT: 15.57 min Scan# 2125
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion:	149	Resp:	321372
Ion	Ratio	Lower	Upper
149	100		
177	24.6	18.3	27.5
150	12.6	10.2	15.2



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

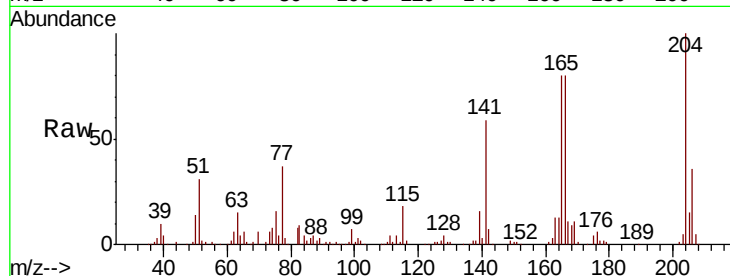




#61
 4-Chlorophenyl-phenylether
 Concen: 39.645 ng
 RT: 15.81 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion	Ratio	Lower	Upper
204	100		
206	35.9	29.2	43.8
141	58.8	49.0	73.4

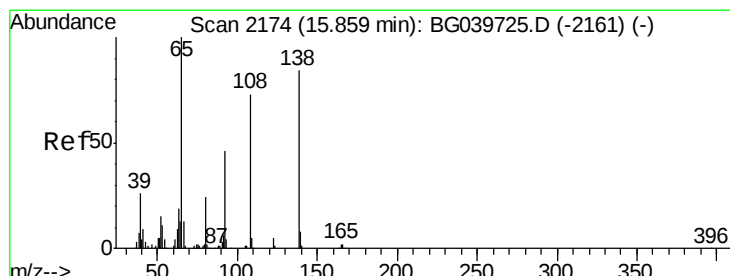
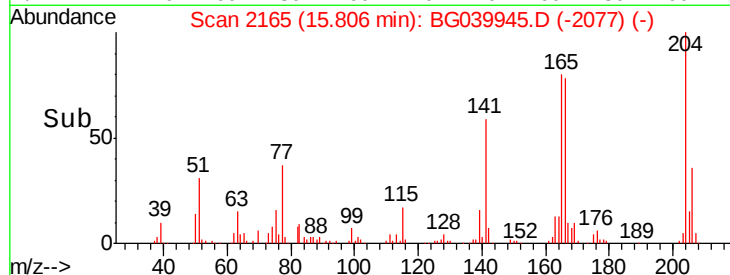
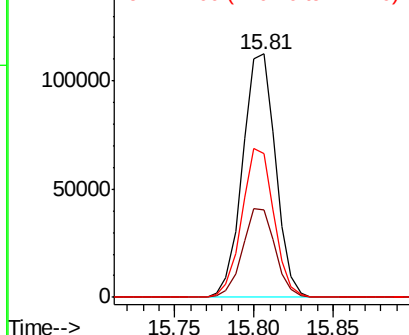


Abundance

Ion 204.00 (203.70 to 204.70): E

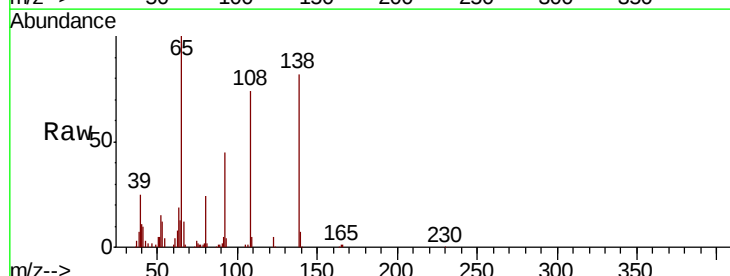
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 40.687 ng
 RT: 15.85 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.7	38.7	78.7
108	90.8	74.6	114.6

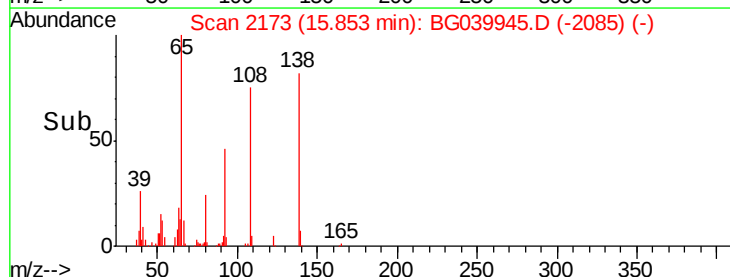
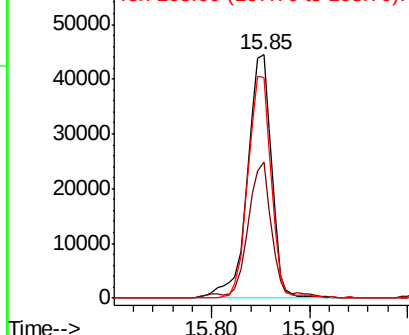


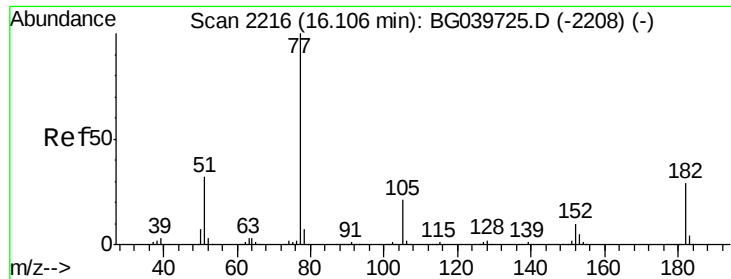
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.898 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

Tgt Ion: 77 Resp: 298300

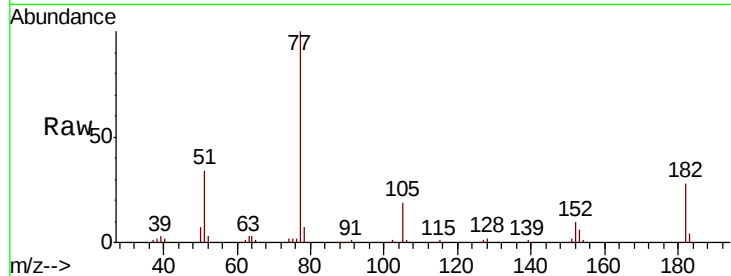
Ion Ratio Lower Upper

77 100

182 27.8 6.4 46.4

105 19.2 0.0 39.8

51 33.9 14.1 54.1

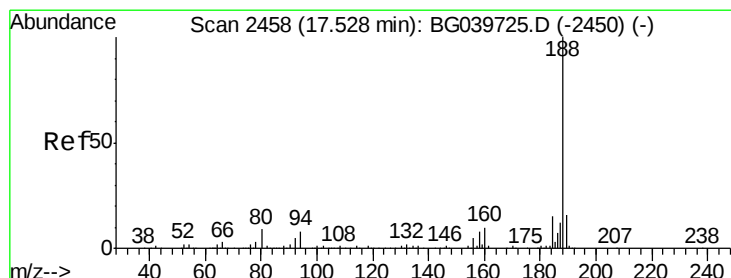
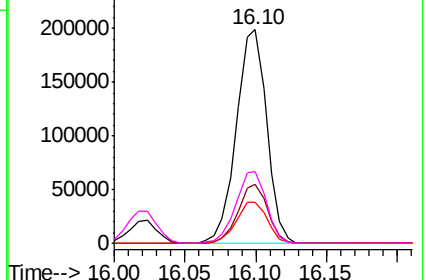
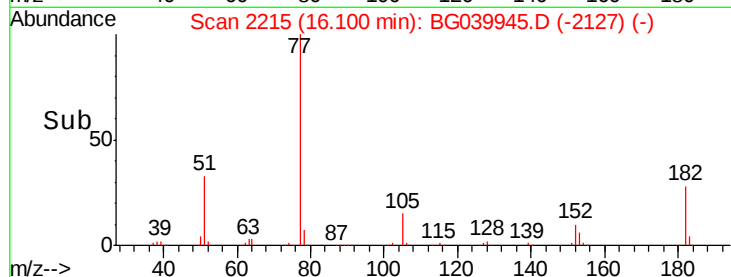


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2457

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

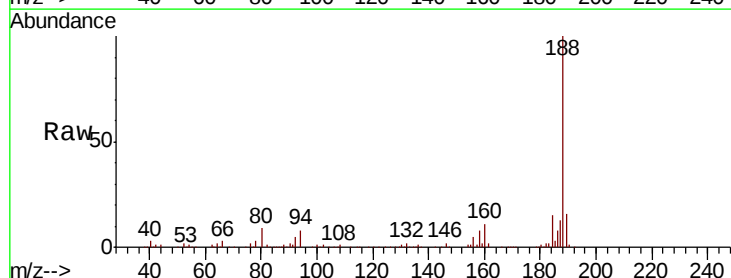
Tgt Ion: 188 Resp: 237876

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

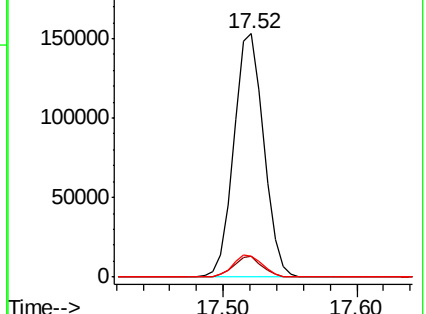
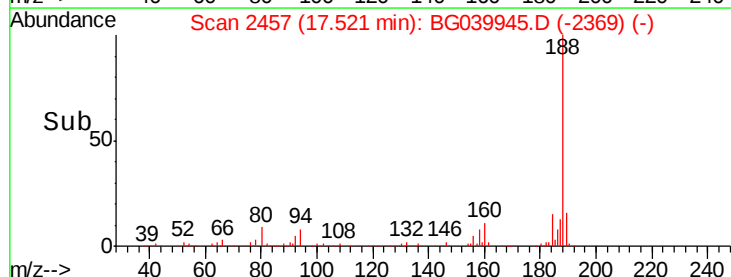
80 8.7 8.1 12.1

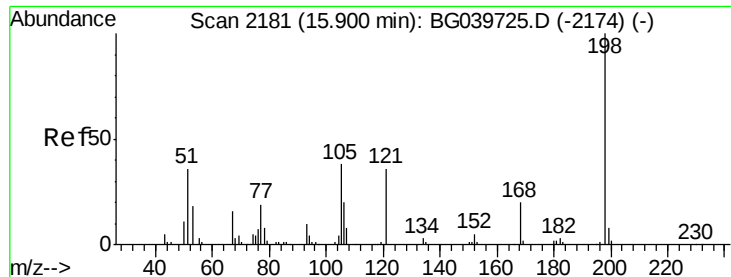


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 38.761 ng

RT: 15.89 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

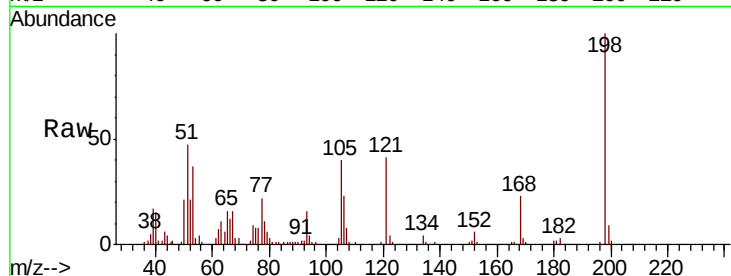
Tgt Ion:198 Resp: 54516

Ion Ratio Lower Upper

198 100

51 47.3 27.4 67.4

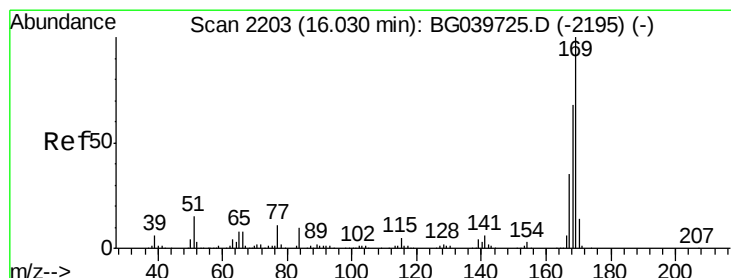
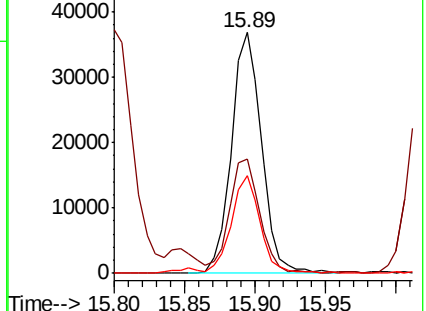
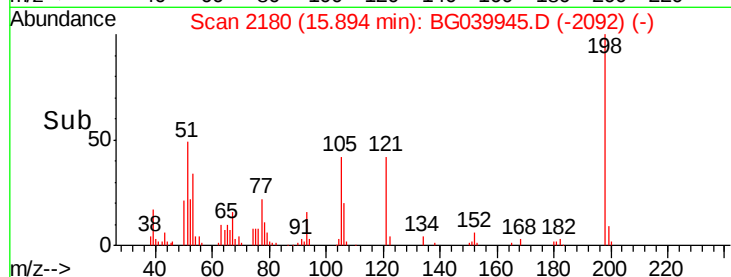
105 40.4 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039945.D (-2174) (-)

Ion 105.00 (104.70 to 105.70): BG039945.D (-2174) (-)



#66

n-Nitrosodiphenylamine

Concen: 40.023 ng

RT: 16.02 min Scan# 2202

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

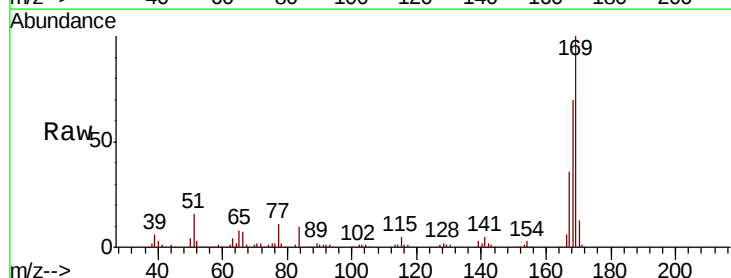
Tgt Ion:169 Resp: 275618

Ion Ratio Lower Upper

169 100

168 69.5 56.6 85.0

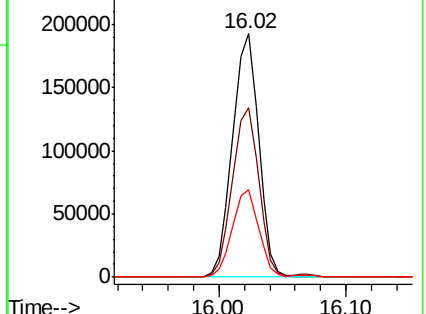
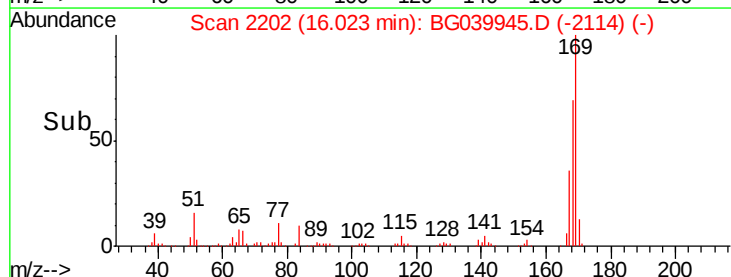
167 35.9 28.8 43.2

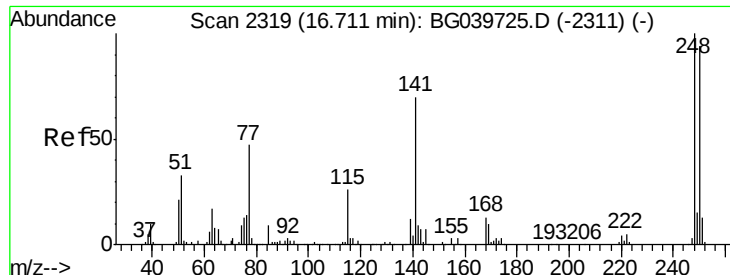


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): BG039945.D (-2195) (-)

Ion 167.00 (166.70 to 167.70): BG039945.D (-2195) (-)

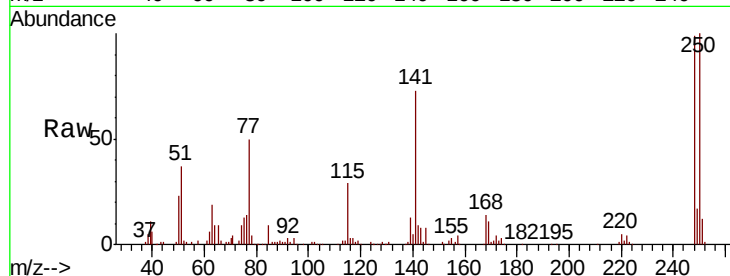




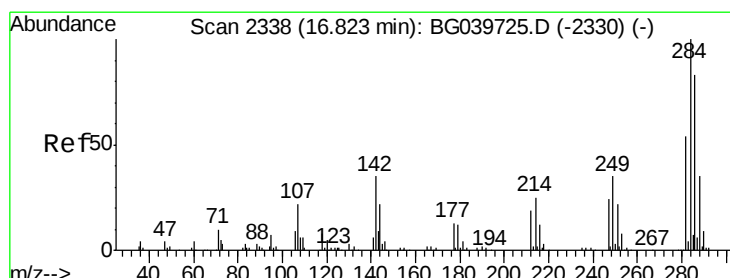
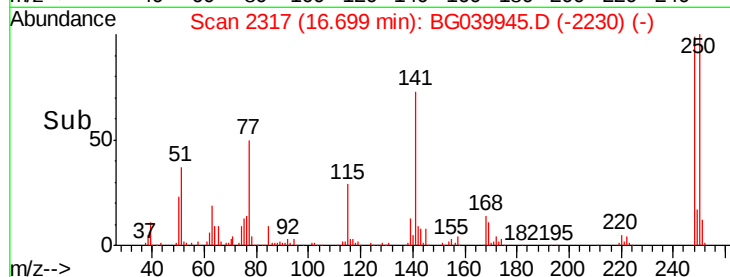
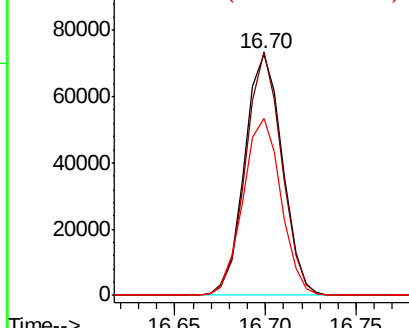
#67
 4-Bromophenyl-phenylether
 Concen: 39.625 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BS

Tgt Ion:248 Resp: 105508
 Ion Ratio Lower Upper
 248 100
 250 101.0 77.6 116.4
 141 73.3 63.9 95.9

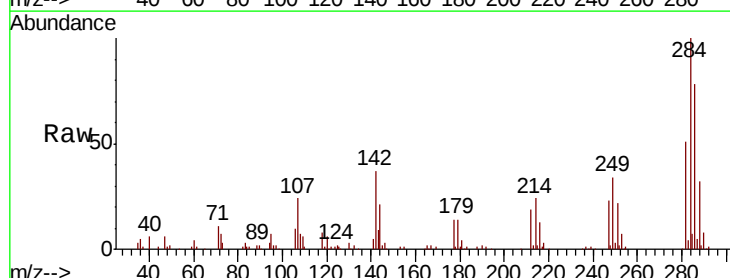


Abundance Ion 248.00 (247.70 to 248.70): E
 100000
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

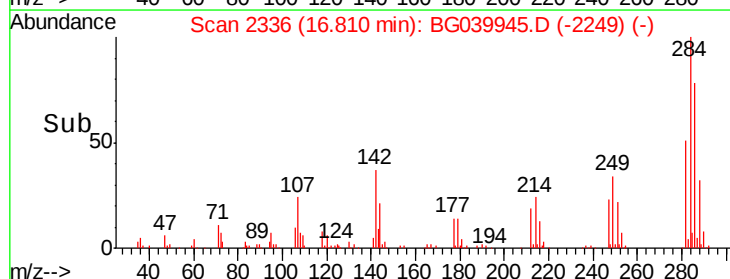
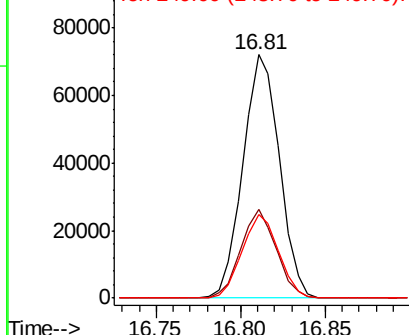


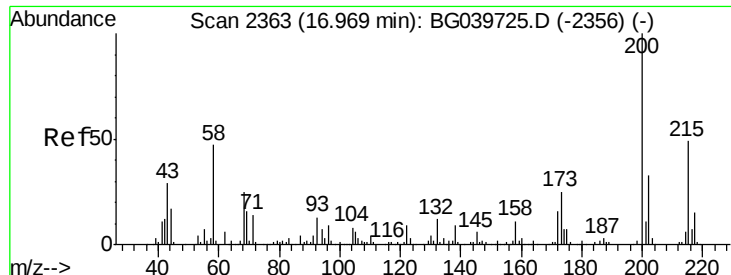
#68
 Hexachlorobenzene
 Concen: 39.267 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039945.D
 Acq: 15 Mar 2019 17:29

Tgt Ion:284 Resp: 108378
 Ion Ratio Lower Upper
 284 100
 142 36.7 30.6 45.8
 249 34.5 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E
 100000
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 41.384 ng

RT: 16.96 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampled :

PB117958BS

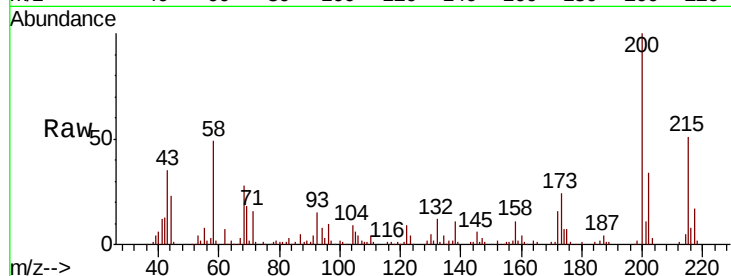
Tgt Ion:200 Resp: 112164

Ion Ratio Lower Upper

200 100

173 23.6 3.9 43.9

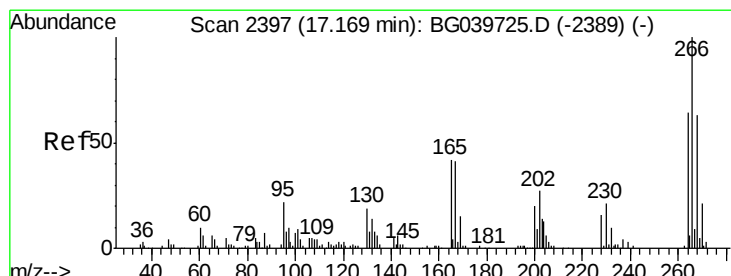
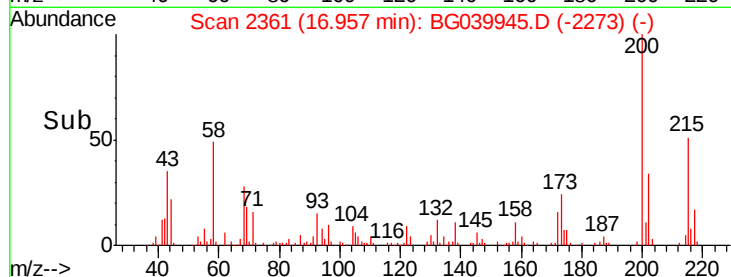
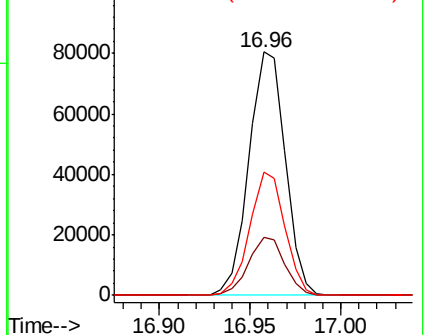
215 50.7 30.9 70.9



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: 76.172 ng

RT: 17.16 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

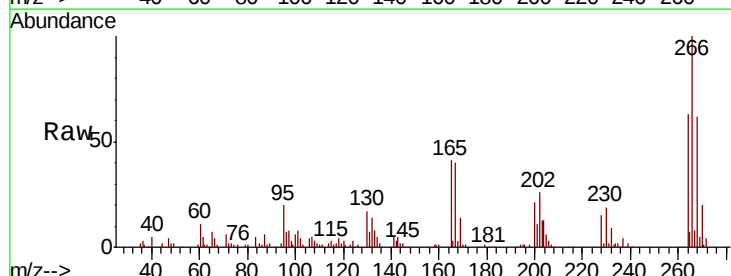
Tgt Ion:266 Resp: 132774

Ion Ratio Lower Upper

266 100

268 62.2 51.1 76.7

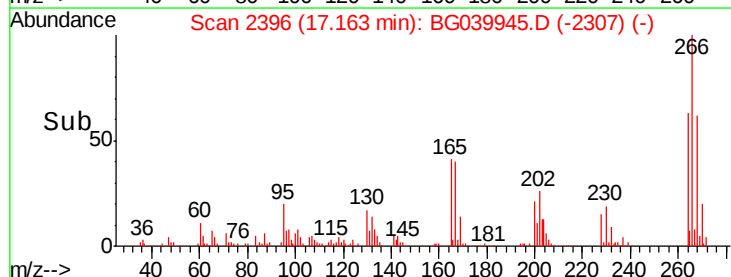
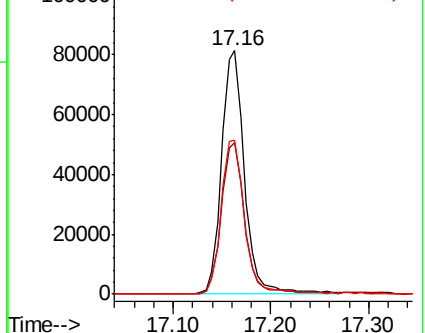
264 63.4 52.1 78.1

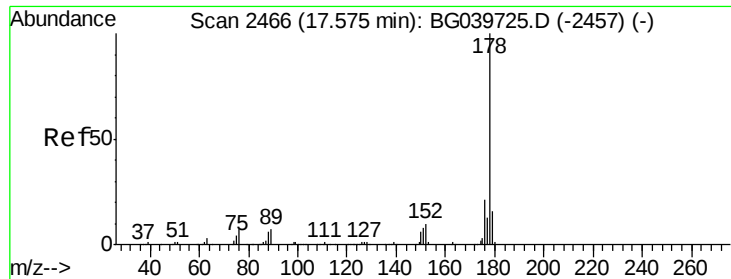


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

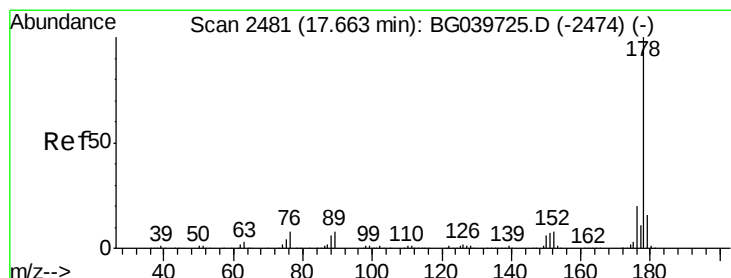
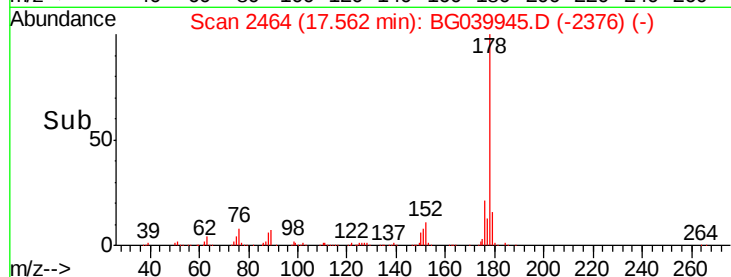
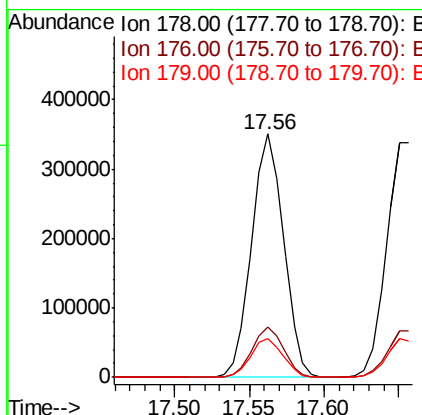
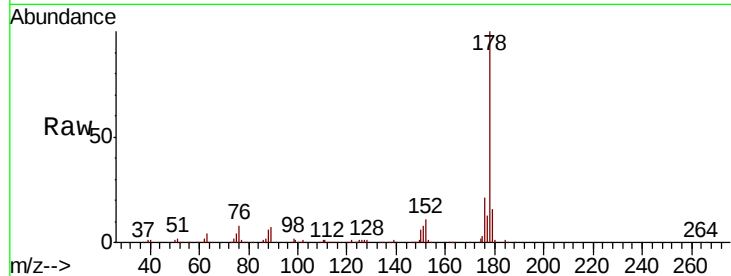




#71
Phenanthrene
Concen: 39.664 ng
RT: 17.56 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

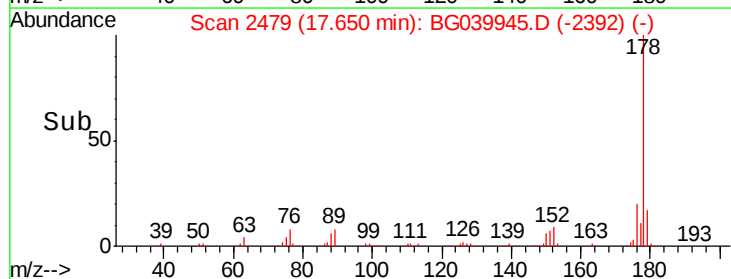
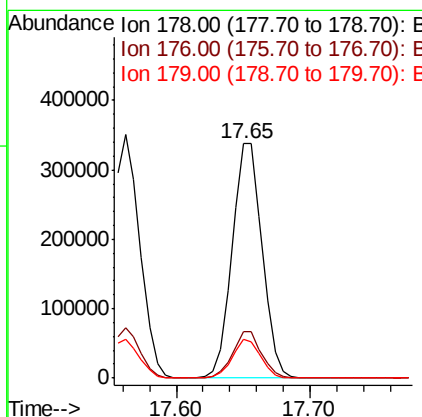
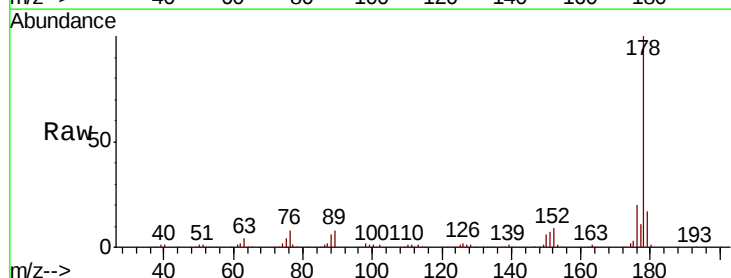
Instrument :
BNA_G
ClientSampleId :
PB117958BS

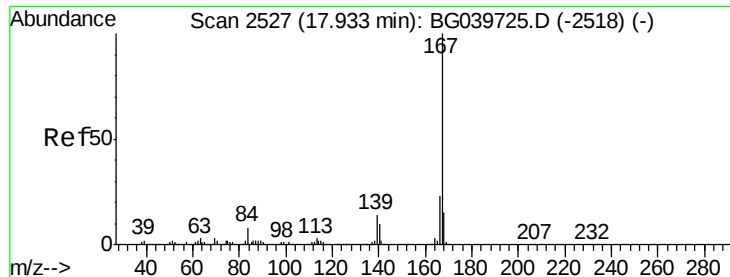
Tgt Ion:178 Resp: 519701
Ion Ratio Lower Upper
178 100
176 20.9 16.2 24.4
179 15.7 12.6 19.0



#72
Anthracene
Concen: 41.326 ng
RT: 17.65 min Scan# 2479
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:178 Resp: 527653
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.6
179 16.6 12.5 18.7





#73

Carbazole

Concen: 41.420 ng

RT: 17.93 min Scan# 2526

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

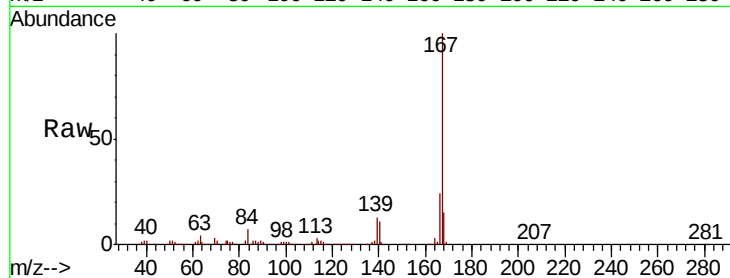
Tgt Ion:167 Resp: 476776

Ion Ratio Lower Upper

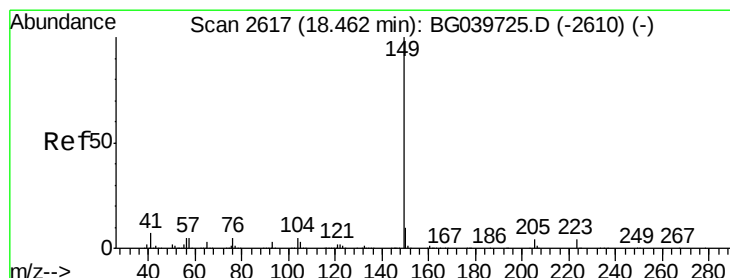
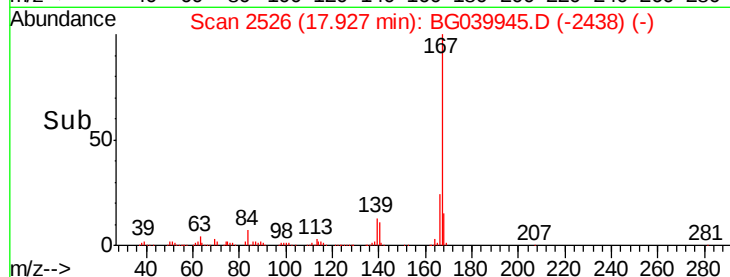
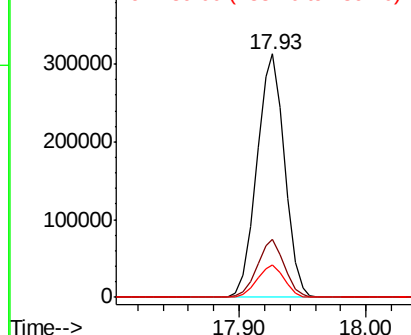
167 100

166 23.6 19.4 29.2

139 13.1 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 43.026 ng

RT: 18.46 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

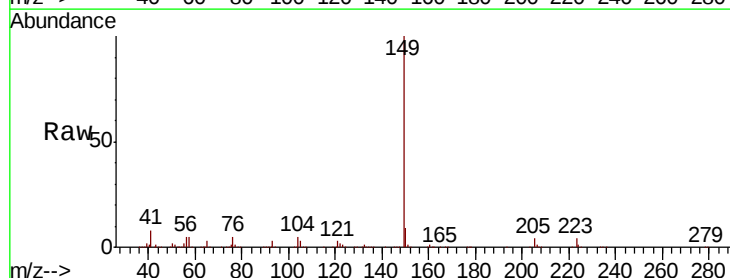
Tgt Ion:149 Resp: 582706

Ion Ratio Lower Upper

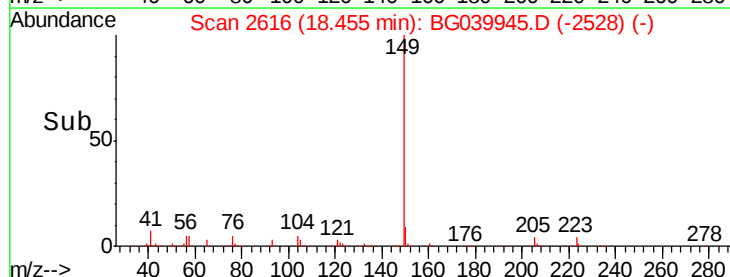
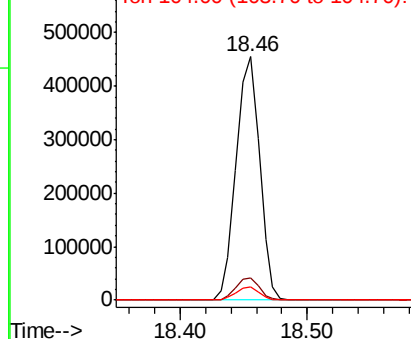
149 100

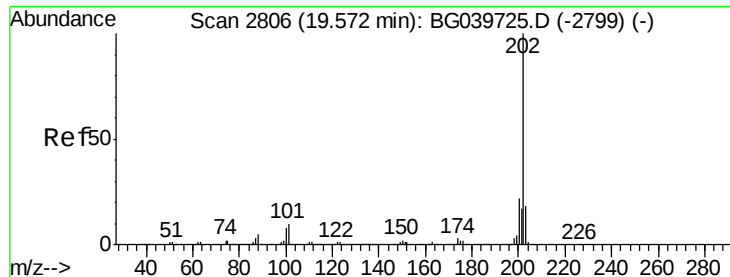
150 9.3 7.7 11.5

104 5.5 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.841 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

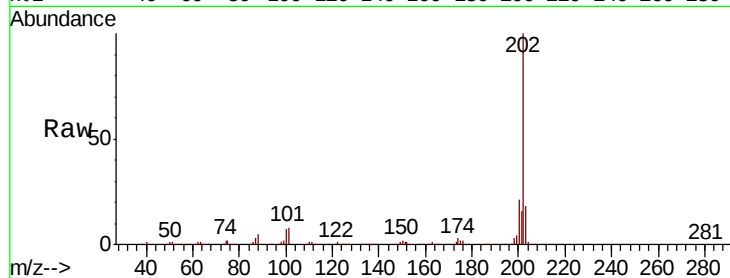
Tgt Ion:202 Resp: 663390

Ion Ratio Lower Upper

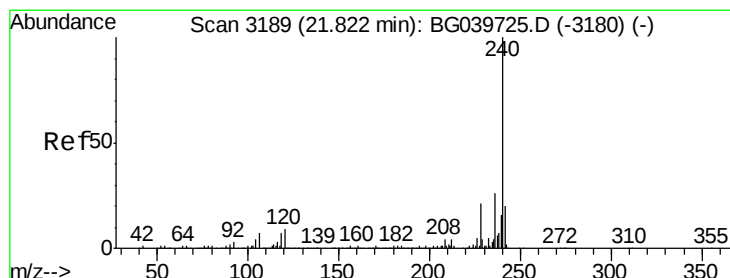
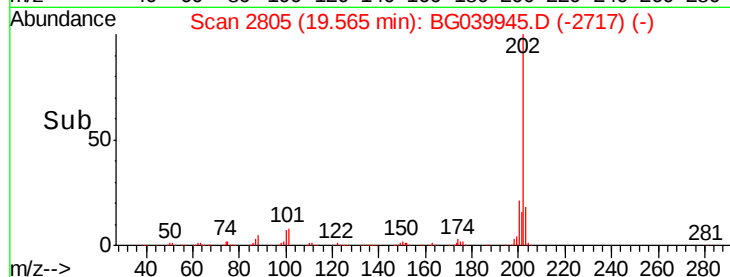
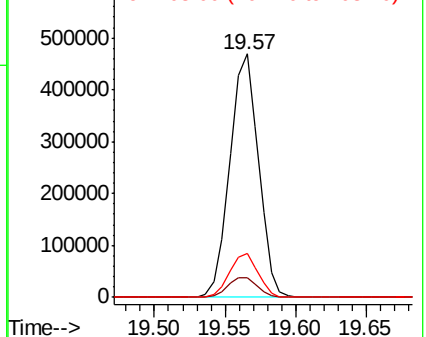
202 100

101 8.2 0.0 30.0

203 18.0 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

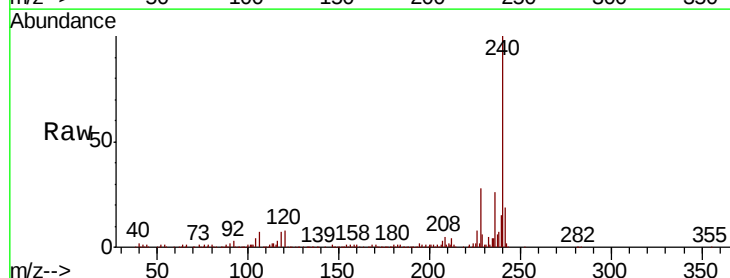
Tgt Ion:240 Resp: 264808

Ion Ratio Lower Upper

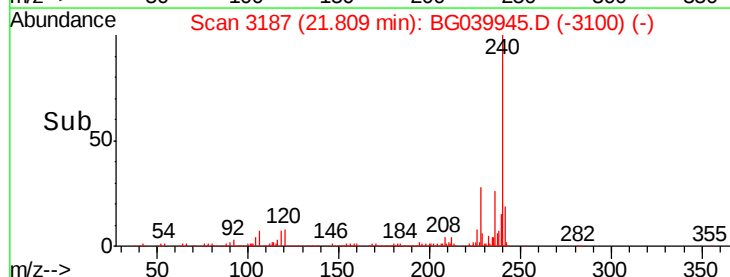
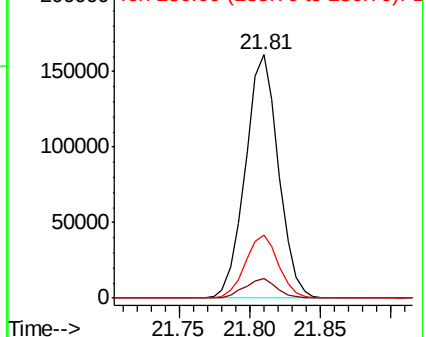
240 100

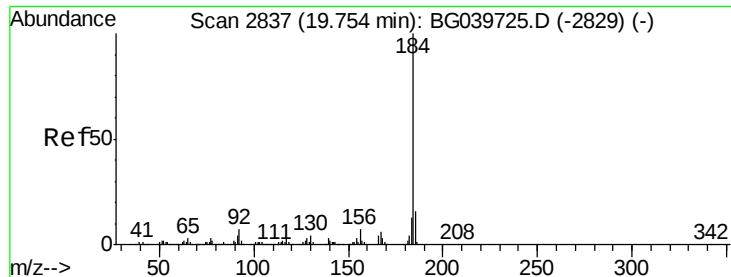
120 8.3 7.0 10.6

236 26.1 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: 31.951 ng

RT: 19.75 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

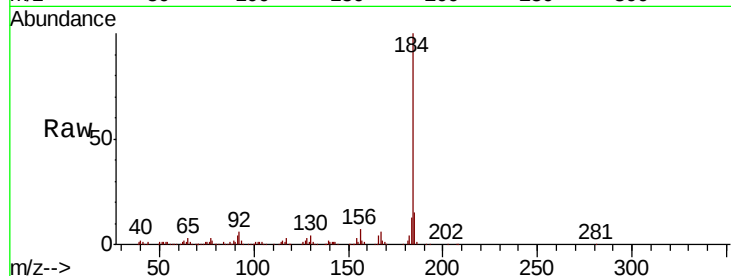
Tgt Ion:184 Resp: 268491

Ion Ratio Lower Upper

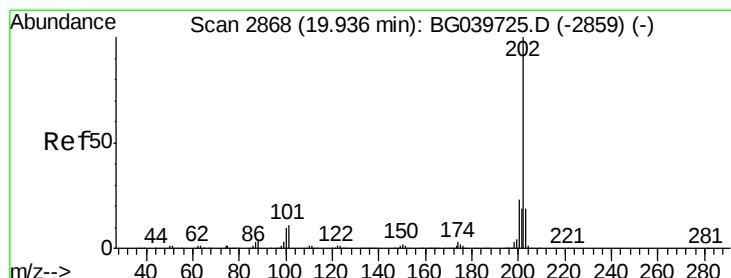
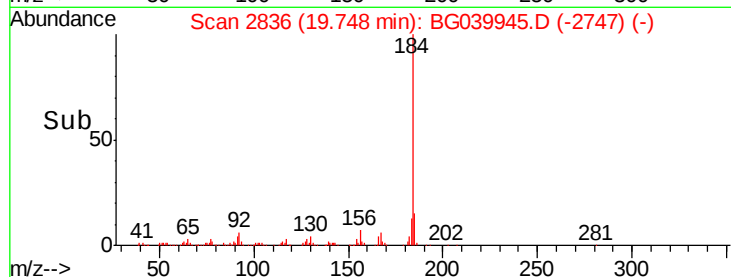
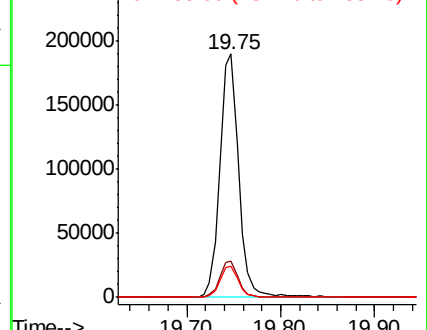
184 100

185 14.8 12.2 18.2

183 13.0 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: 38.690 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

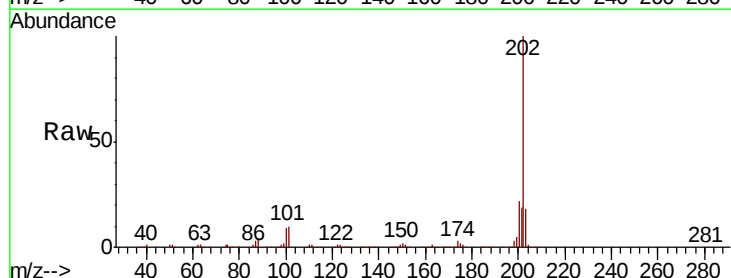
Tgt Ion:202 Resp: 665760

Ion Ratio Lower Upper

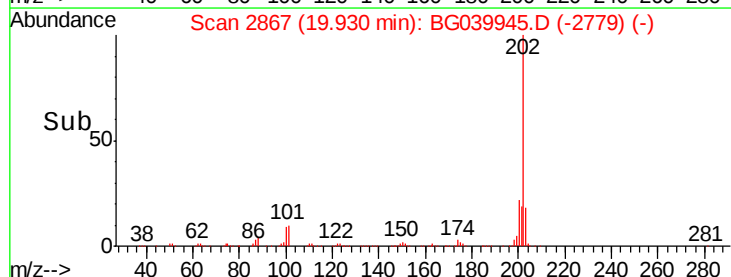
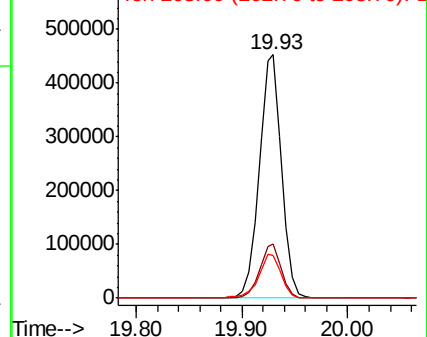
202 100

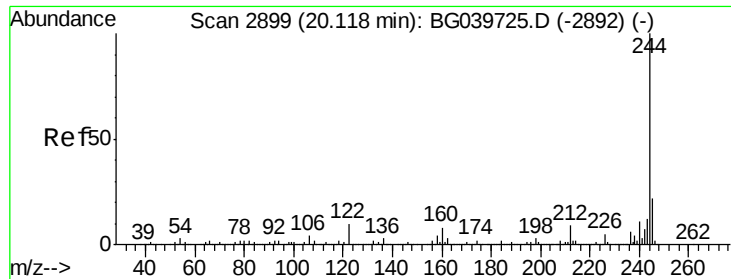
200 22.0 17.8 26.8

203 17.6 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: 75.918 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

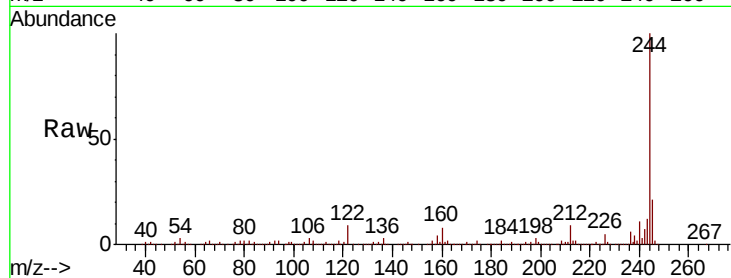
Tgt Ion:244 Resp: 913053

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

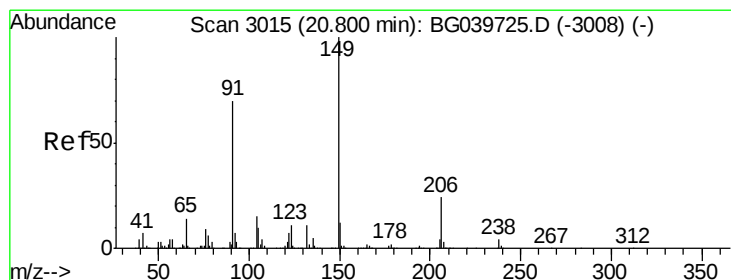
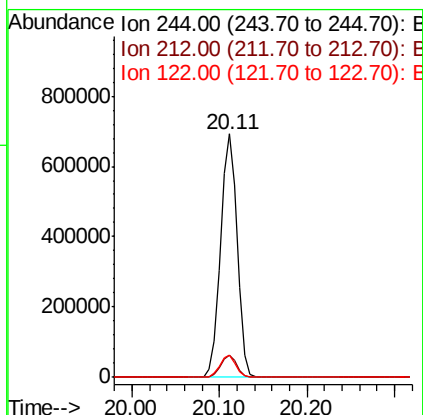
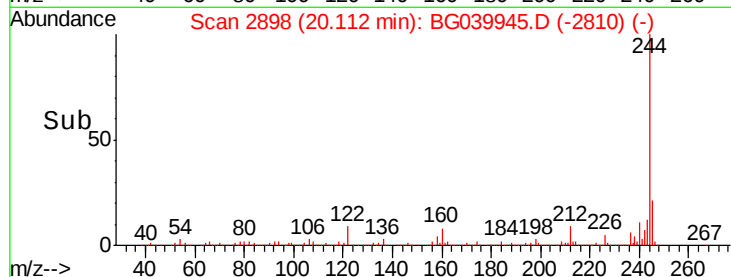
122 9.1 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.787 ng

RT: 20.79 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

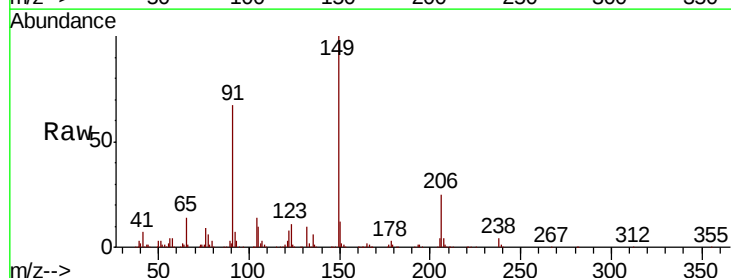
Tgt Ion:149 Resp: 278580

Ion Ratio Lower Upper

149 100

91 66.8 59.5 89.3

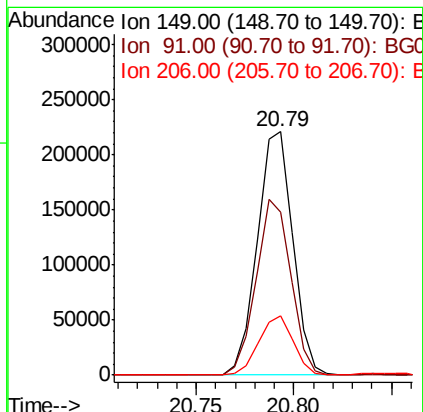
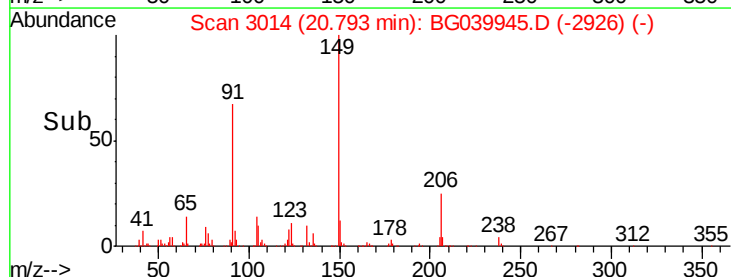
206 24.5 18.6 27.8

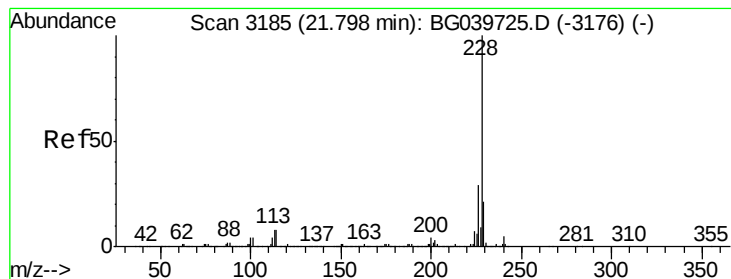


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.062 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

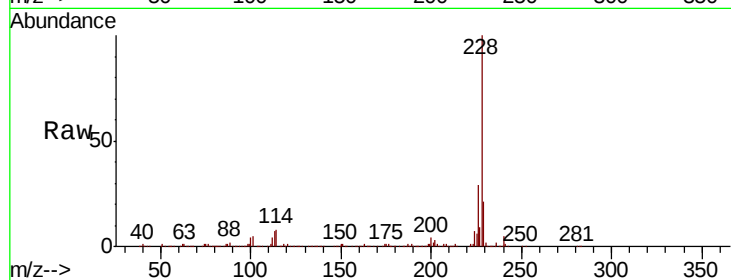
Tgt Ion:228 Resp: 648289

Ion Ratio Lower Upper

228 100

226 28.7 23.0 34.6

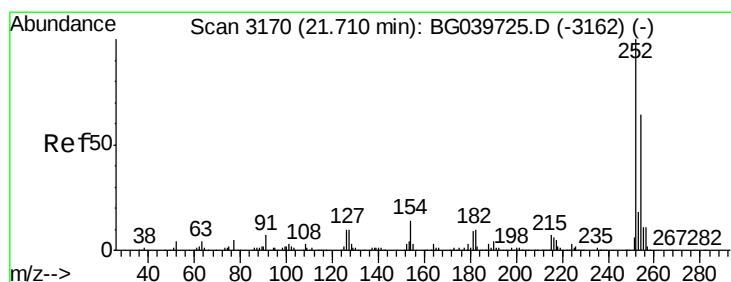
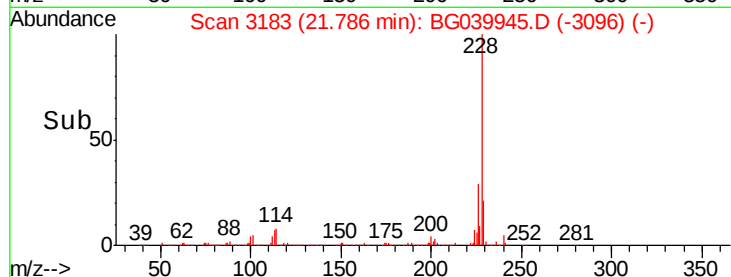
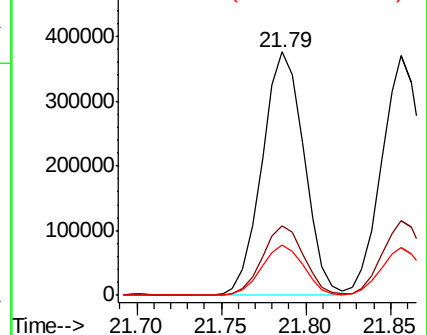
229 20.6 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.167 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

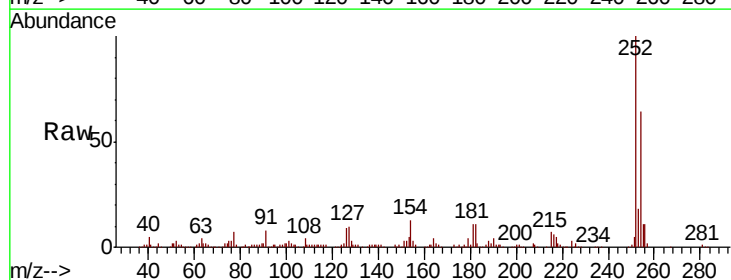
Tgt Ion:252 Resp: 152491

Ion Ratio Lower Upper

252 100

254 63.8 51.3 76.9

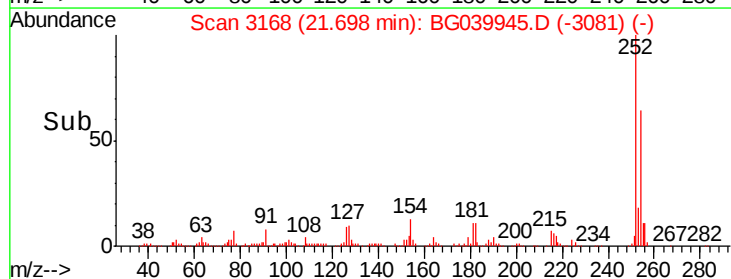
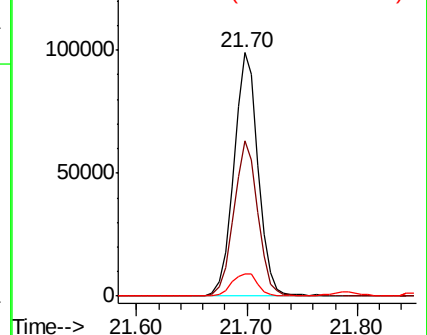
126 9.2 8.0 12.0

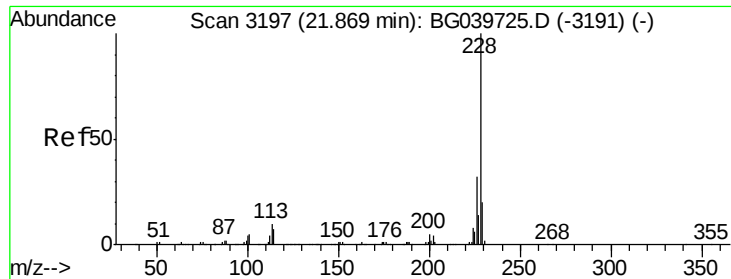


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.735 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

Instrument :

BNA_G

ClientSampleId :

PB117958BS

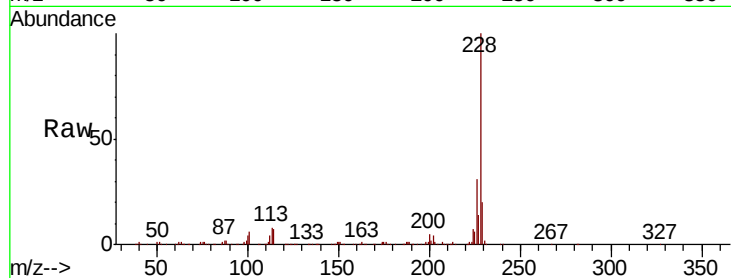
Tgt Ion:228 Resp: 623233

Ion Ratio Lower Upper

228 100

226 31.0 25.8 38.6

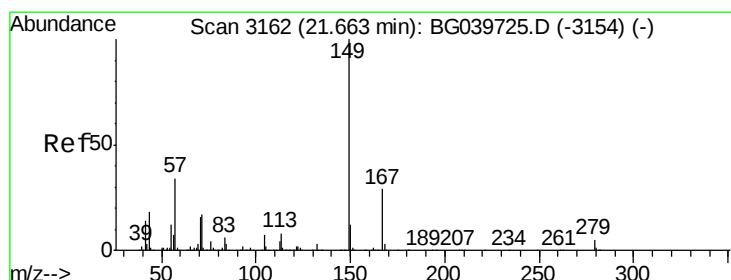
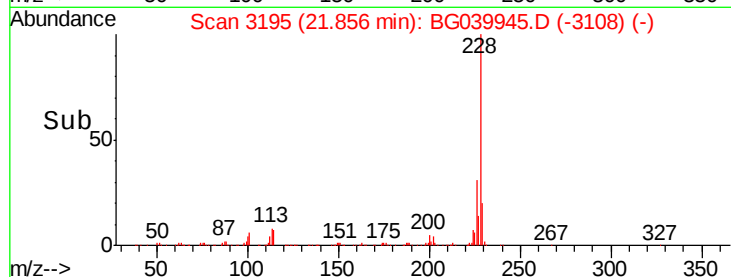
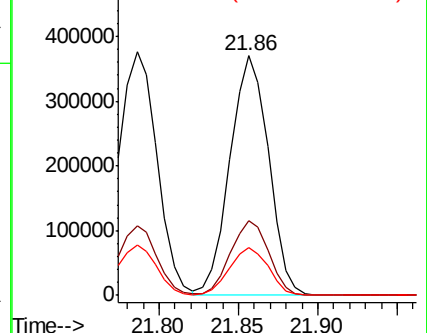
229 20.1 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.403 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG039945.D

Acq: 15 Mar 2019 17:29

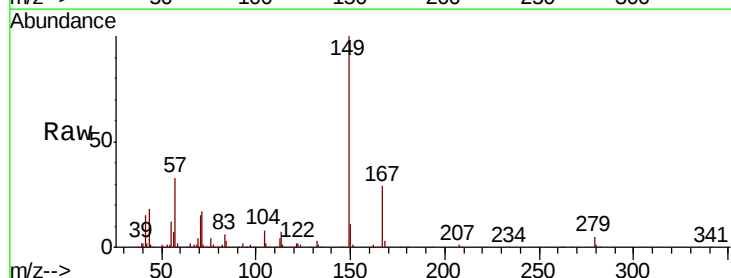
Tgt Ion:149 Resp: 387868

Ion Ratio Lower Upper

149 100

167 29.1 22.6 34.0

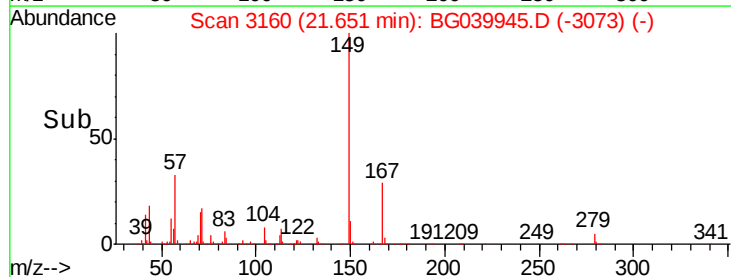
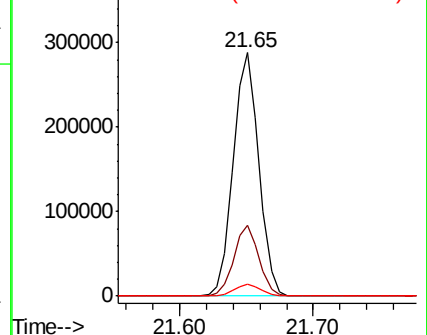
279 4.7 3.5 5.3

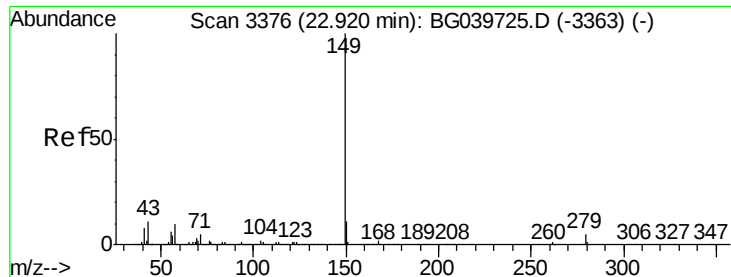


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

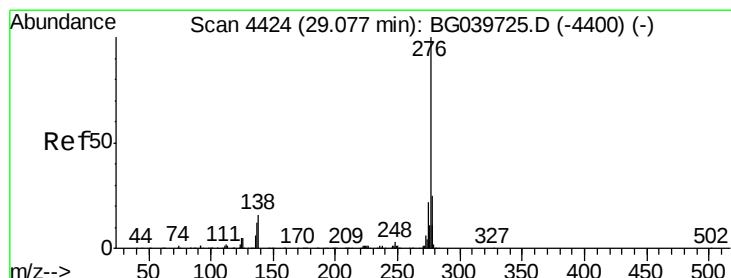
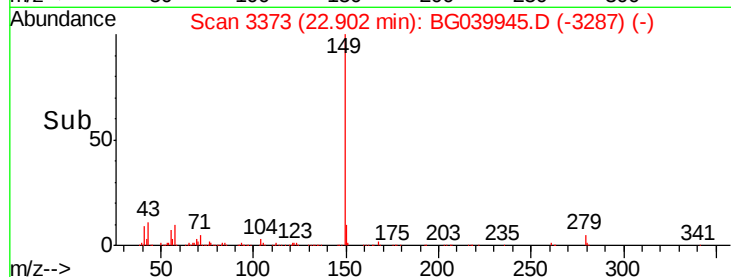
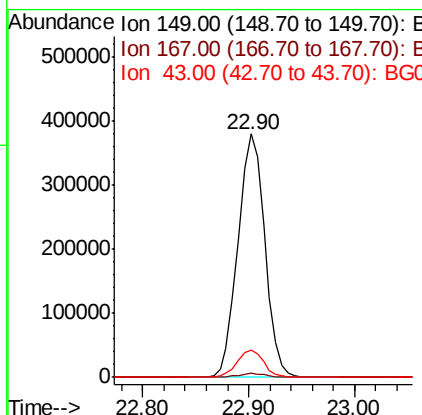
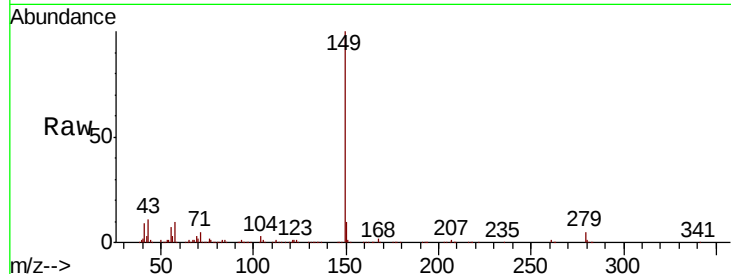




#85
Di-n-octyl phthalate
Concen: 42.975 ng
RT: 22.90 min Scan# 3373
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

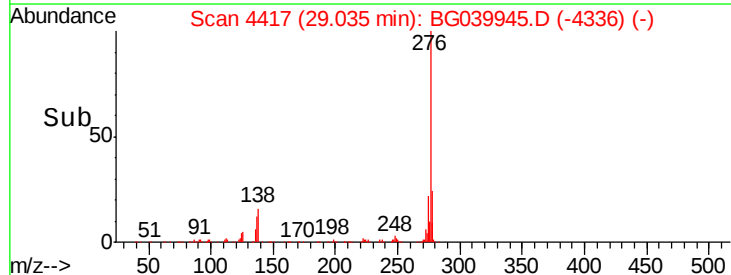
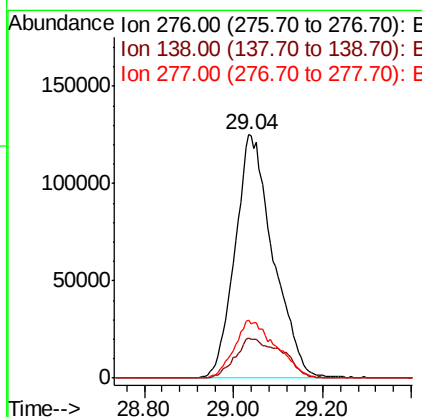
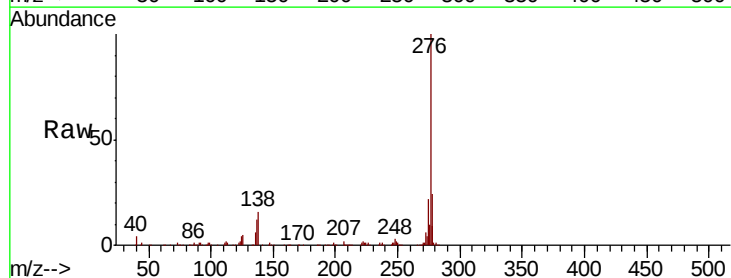
Instrument :
BNA_G
ClientSampleId :
PB117958BS

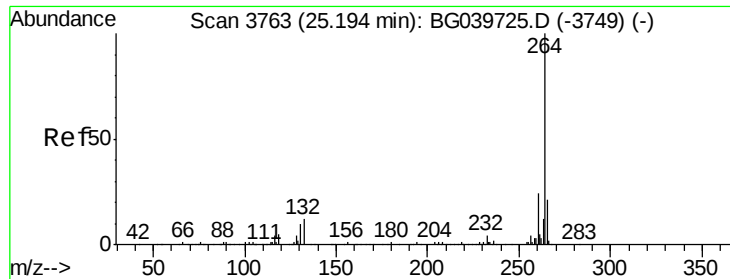
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	11.1	10.2	15.4



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.575 ng
RT: 29.04 min Scan# 4417
Delta R.T. -0.05 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.1	12.6	19.0#
277	25.9	20.8	31.2

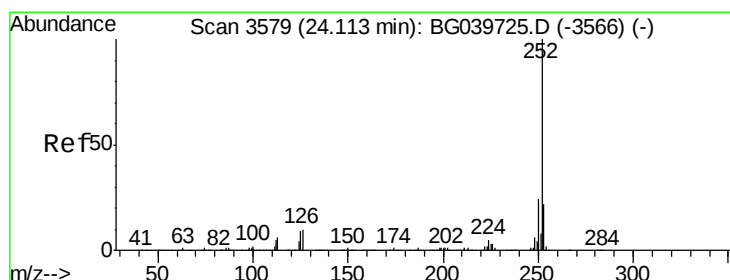
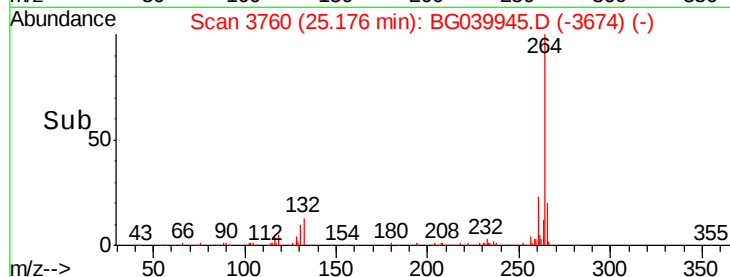
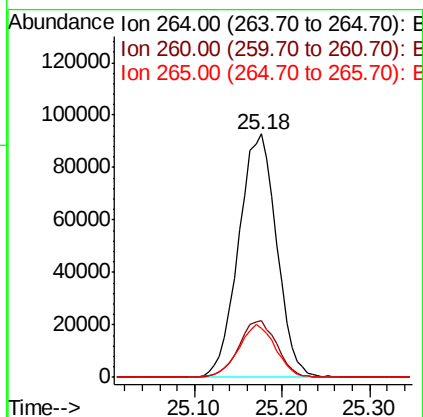
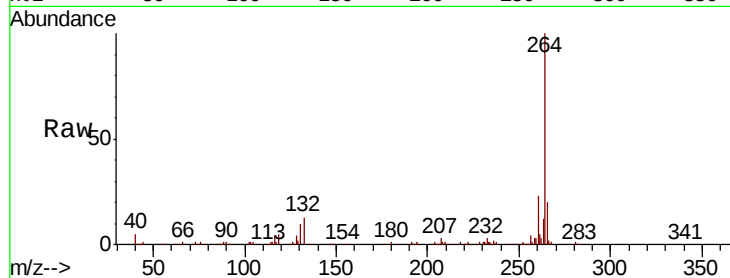




#87
Perylene-d12
Concen: 20.000 ng
RT: 25.18 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

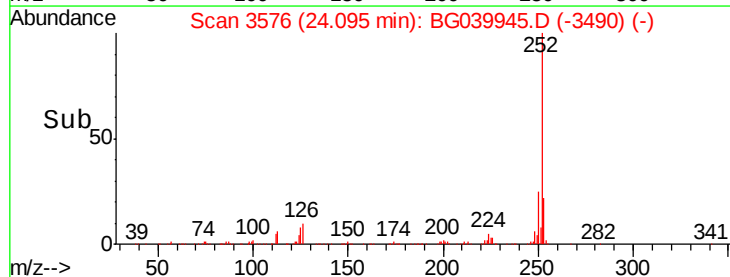
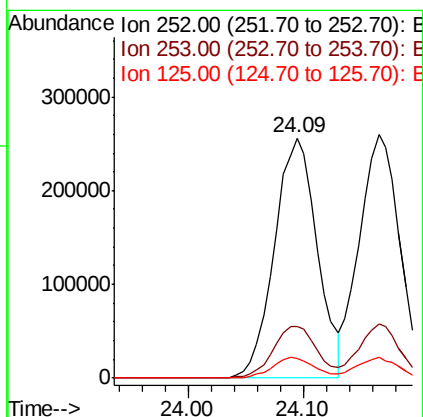
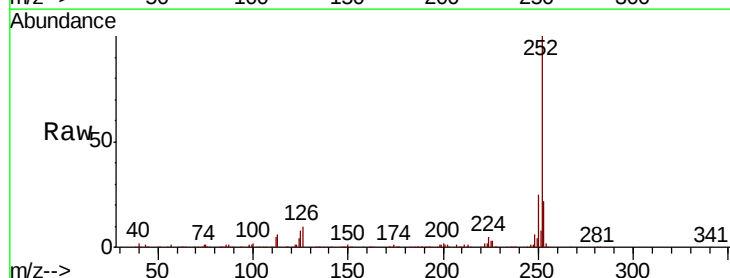
Instrument :
BNA_G
ClientSampleId :
PB117958BS

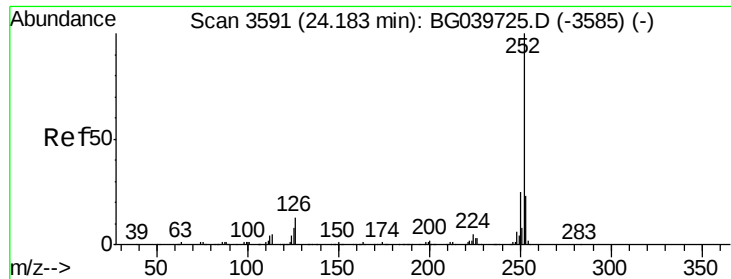
Tgt Ion: 264 Resp: 273813
Ion Ratio Lower Upper
264 100
260 23.2 18.2 27.4
265 20.2 18.5 27.7



#88
Benzo(b)fluoranthene
Concen: 40.367 ng
RT: 24.09 min Scan# 3576
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion: 252 Resp: 659118
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 8.3 7.8 11.6

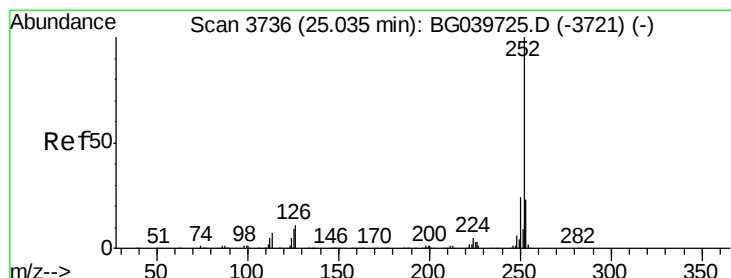
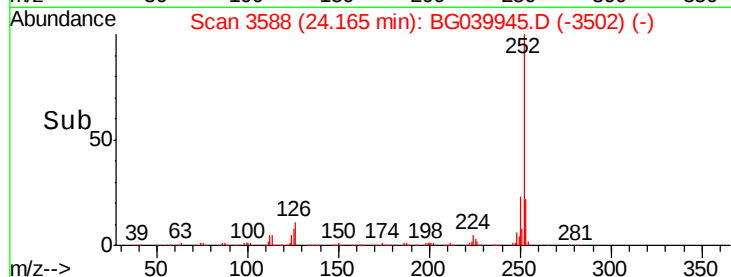
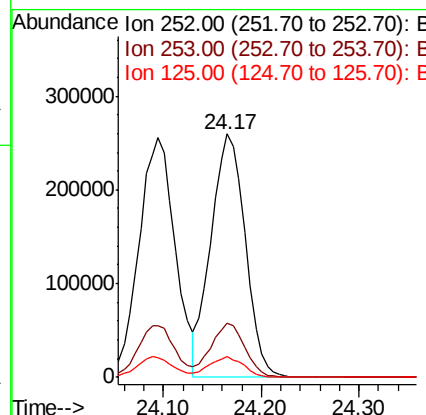
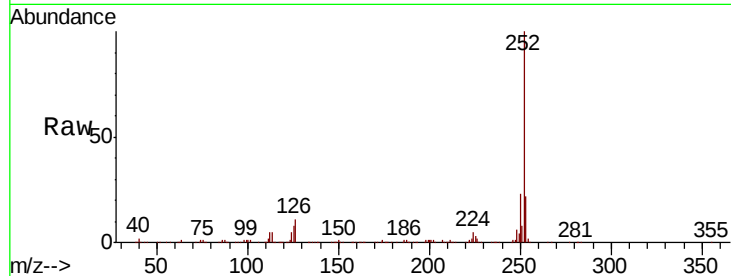




#89
Benzo(k)fluoranthene
Concen: 41.569 ng
RT: 24.17 min Scan# 3588
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

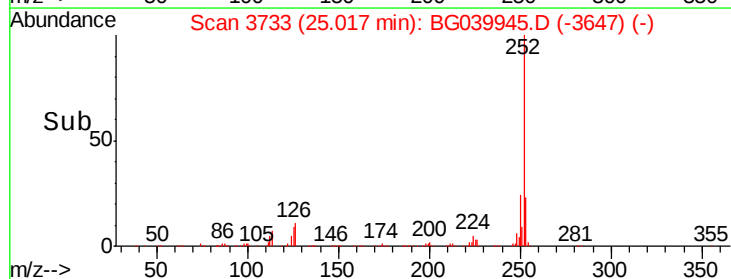
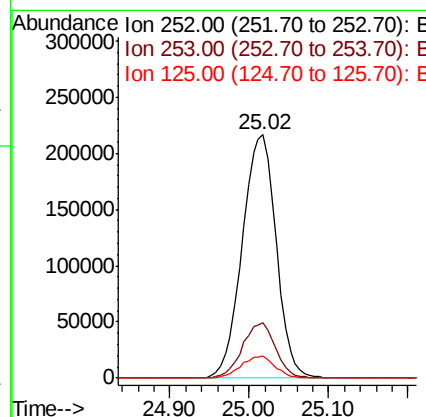
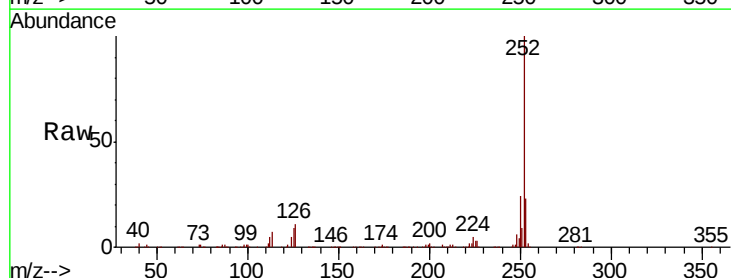
Instrument :
BNA_G
ClientSampleId :
PB117958BS

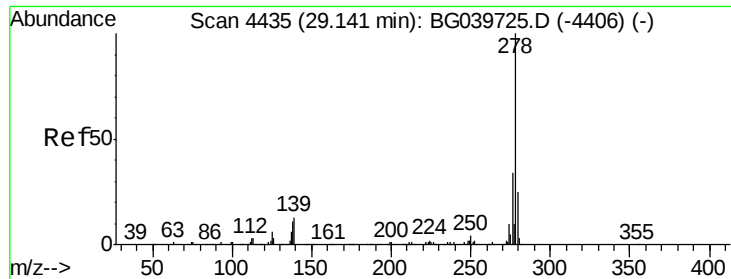
Tgt Ion:252 Resp: 631809
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 8.3 7.4 11.2



#90
Benzo(a)pyrene
Concen: 42.637 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion:252 Resp: 643300
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 9.3 8.3 12.5

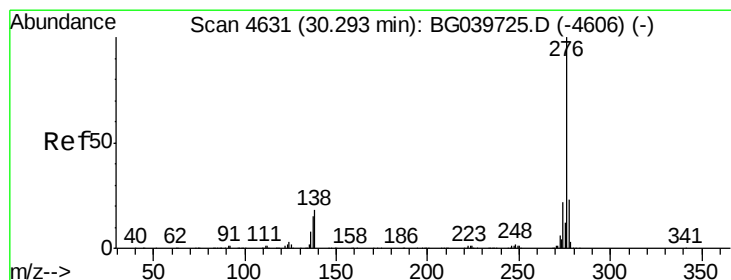
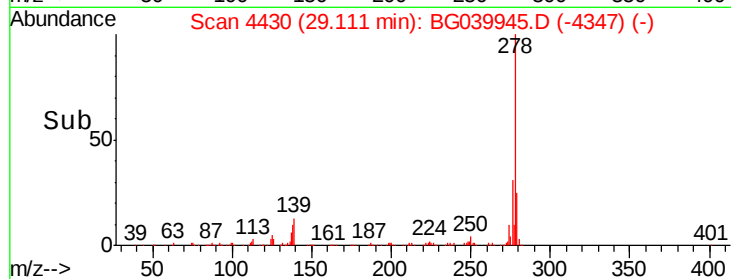
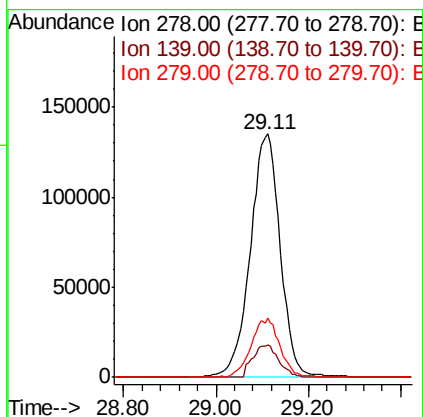
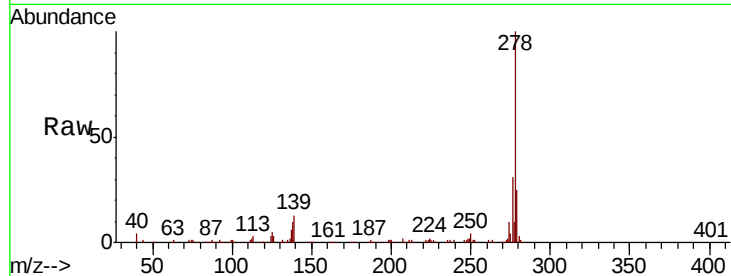




#91
Dibenzo(a,h)anthracene
Concen: 41.155 ng
RT: 29.11 min Scan# 4430
Delta R.T. -0.04 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Tgt Ion: 278 Resp: 608754
Ion Ratio Lower Upper
278 100
139 13.3 11.7 17.5
279 24.6 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 41.558 ng
RT: 30.26 min Scan# 4626
Delta R.T. -0.05 min
Lab File: BG039945.D
Acq: 15 Mar 2019 17:29

Tgt Ion: 276 Resp: 617364
Ion Ratio Lower Upper
276 100
277 22.5 19.6 29.4
138 15.9 14.7 22.1

