

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
 Data File : BG039902.D
 Acq On : 13 Mar 2019 10:04
 Operator : JU/SJ
 Sample : PB117835BS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Mar 13 15:07:43 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	42048	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176689	20.00	ng	-0.02
39) Acenaphthene-d10	14.78	164	117817	20.00	ng	-0.01
64) Phenanthrene-d10	17.52	188	297385	20.00	ng	-0.01
76) Chrysene-d12	21.81	240	320456	20.00	ng	-0.02
87) Perylene-d12	25.17	264	304275	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	349818	141.93	ng	-0.01
7) Phenol-d6	7.30	99	477640	129.97	ng	-0.01
23) Nitrobenzene-d5	9.33	82	252172	77.19	ng	-0.02
42) 2,4,6-Tribromophenol	16.27	330	186382	135.72	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	604439	73.05	ng	-0.02
79) Terphenyl-d14	20.11	244	1078119	74.08	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.58	88	41041	36.068	ng	97
3) Pyridine	3.99	79	105165	34.522	ng	98
4) n-Nitrosodimethylamine	3.91	42	60766	42.048	ng	# 87
6) Aniline	7.48	93	119844	24.891	ng	97
8) 2-Chlorophenol	7.71	128	118848	39.747	ng	96
9) Benzaldehyde	7.29	77	61989	26.149	ng	98
10) Phenol	7.33	94	163301	41.018	ng	100
11) bis(2-Chloroethyl)ether	7.57	93	115119	37.087	ng	96
12) 1,3-Dichlorobenzene	8.04	146	125480	37.105	ng	93
13) 1,4-Dichlorobenzene	8.19	146	128085	37.184	ng	96
14) 1,2-Dichlorobenzene	8.51	146	124087	37.284	ng	97
15) Benzyl Alcohol	8.39	79	109362	37.514	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	225050	36.251	ng	98
17) 2-Methylphenol	8.58	107	102692	40.453	ng	95
18) Hexachloroethane	9.24	117	45683	36.961	ng	98
19) n-Nitroso-di-n-propylamine	8.95	70	91173	34.468	ng	94
20) 3+4-Methylphenols	8.91	107	141003	39.982	ng	98
22) Acetophenone	8.98	105	172776	36.433	ng	# 93
24) Nitrobenzene	9.38	77	138277	40.346	ng	99
25) Isophorone	9.89	82	253453	37.026	ng	99
26) 2-Nitrophenol	10.08	139	68649	41.486	ng	96
27) 2,4-Dimethylphenol	10.12	122	121934	47.379	ng	96
28) bis(2-Chloroethoxy)methane	10.36	93	155892	37.475	ng	99
29) 2,4-Dichlorophenol	10.62	162	131389	45.345	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	128342	39.362	ng	96
31) Naphthalene	11.03	128	362078	38.705	ng	99
32) Benzoic acid	10.24	122	35353	23.855	ng	90
33) 4-Chloroaniline	11.13	127	85460	21.543	ng	98
34) Hexachlorobutadiene	11.29	225	82499	37.027	ng	96
35) Caprolactam	11.92	113	43027	38.873	ng	# 89
36) 4-Chloro-3-methylphenol	12.24	107	135899	40.915	ng	96
37) 2-Methylnaphthalene	12.62	142	273449	39.098	ng	97
38) 1-Methylnaphthalene	12.84	142	262865	38.675	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	152224	38.139	ng	99

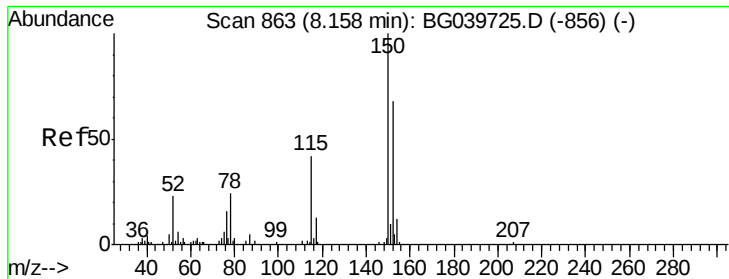
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
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 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	176521	82.526	ng	99
43) 2,4,6-Trichlorophenol	13.22	196	105562	45.175	ng	98
44) 2,4,5-Trichlorophenol	13.29	196	114221	43.365	ng	99
46) 1,1'-Biphenyl	13.61	154	368719	38.050	ng	99
47) 2-Chloronaphthalene	13.66	162	288406	39.562	ng	97
48) 2-Nitroaniline	13.87	65	102678	43.828	ng	96
49) Acenaphthylene	14.50	152	459259	38.377	ng	99
50) Dimethylphthalate	14.22	163	384656	39.044	ng	100
51) 2,6-Dinitrotoluene	14.36	165	85759	41.062	ng	98
52) Acenaphthene	14.85	154	278315	38.640	ng	98
53) 3-Nitroaniline	14.69	138	62305	29.677	ng	# 91
54) 2,4-Dinitrophenol	14.89	184	22685	21.348	ng	99
55) Dibenzofuran	15.17	168	464945	39.344	ng	97
56) 4-Nitrophenol	14.99	139	138261	73.619	ng	91
57) 2,4-Dinitrotoluene	15.14	165	124874	42.552	ng	90
58) Fluorene	15.82	166	365854	39.381	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	110915	43.118	ng	98
60) Diethylphthalate	15.57	149	390779	40.070	ng	100
61) 4-Chlorophenyl-phenylether	15.81	204	196319	39.601	ng	98
62) 4-Nitroaniline	15.86	138	94260	41.415	ng	96
63) Azobenzene	16.10	77	359990	40.721	ng	98
65) 4,6-Dinitro-2-methylphenol	15.90	198	34158	19.426	ng	97
66) n-Nitrosodiphenylamine	16.03	169	342369	39.767	ng	100
67) 4-Bromophenyl-phenylether	16.70	248	127998	38.452	ng	97
68) Hexachlorobenzene	16.81	284	131998	38.255	ng	99
69) Atrazine	16.96	200	138931	41.003	ng	95
70) Pentachlorophenol	17.17	266	128217	58.838	ng	98
71) Phenanthrene	17.57	178	638408	38.974	ng	100
72) Anthracene	17.66	178	648272	40.612	ng	99
73) Carbazole	17.93	167	583969	40.581	ng	99
74) Di-n-butylphthalate	18.46	149	700504	41.374	ng	100
75) Fluoranthene	19.57	202	798497	41.248	ng	99
77) Benzidine	19.74	184	249920	24.577	ng	99
78) Pyrene	19.93	202	792475	38.057	ng	100
80) Butylbenzylphthalate	20.80	149	334801	41.500	ng	94
81) Benzo(a)anthracene	21.79	228	767830	38.231	ng	99
82) 3,3'-Dichlorobenzidine	21.70	252	187640	25.590	ng	99
83) Chrysene	21.86	228	741813	38.099	ng	100
84) Bis(2-ethylhexyl)phthalate	21.65	149	472144	41.647	ng	# 98
85) Di-n-octyl phthalate	22.90	149	796421	42.428	ng	96
86) Indeno(1,2,3-cd)pyrene	29.05	276	836659	37.877	ng	# 96
88) Benzo(b)fluoranthene	24.10	252	767682	42.309	ng	99
89) Benzo(k)fluoranthene	24.17	252	751885	44.517	ng	98
90) Benzo(a)pyrene	25.02	252	754453	44.998	ng	97
91) Dibenzo(a,h)anthracene	29.12	278	684191	41.624	ng	98
92) Benzo(g,h,i)perylene	30.28	276	678044	41.073	ng	98

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

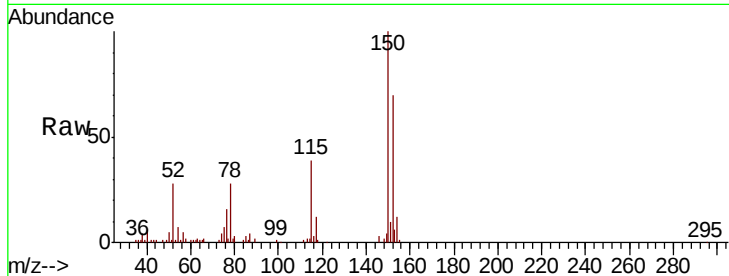


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	143.5	123.7	185.5
115	56.2	45.9	68.9

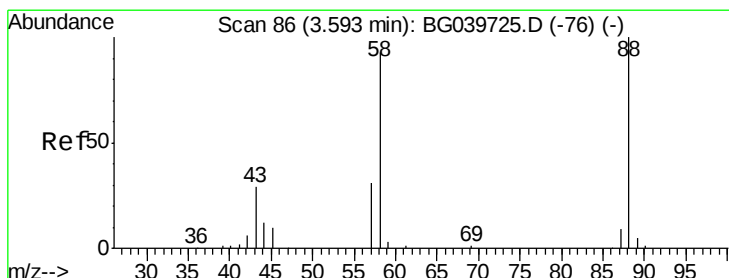
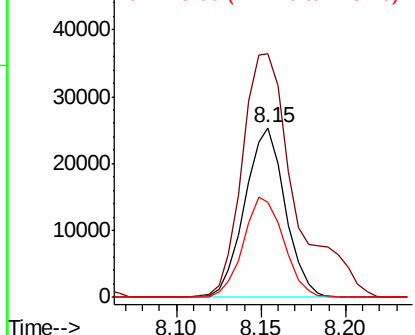
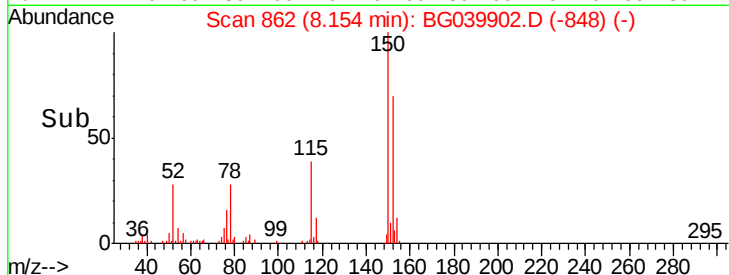


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

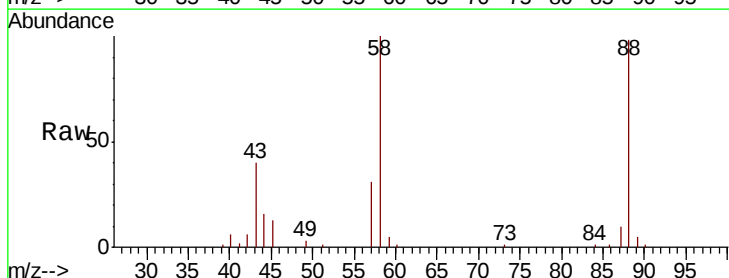
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.068 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	104.0	81.1	121.7
43	36.9	31.4	47.0

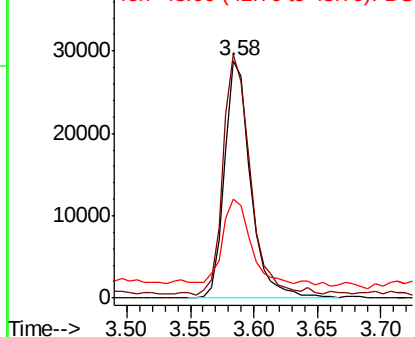
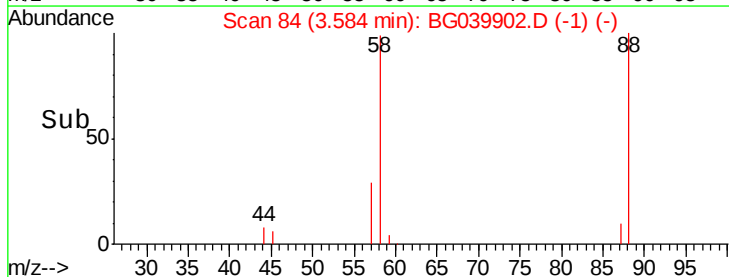


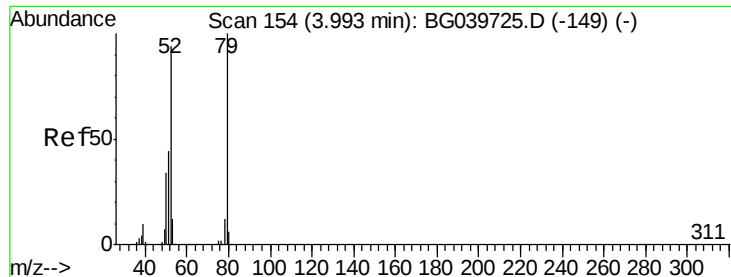
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.522 ng

RT: 3.99 min Scan# 153

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

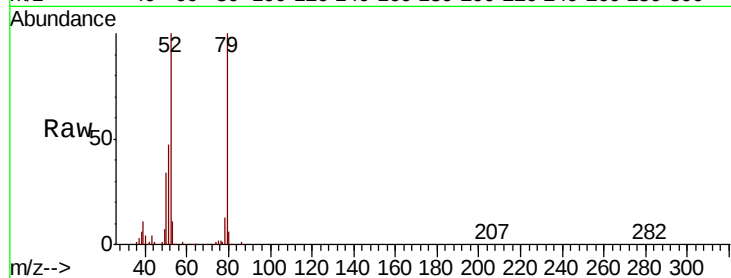
Tot Ion: 79 Resp: 105165

Ion Ratio Lower Upper

79 100

52 100.3 82.6 124.0

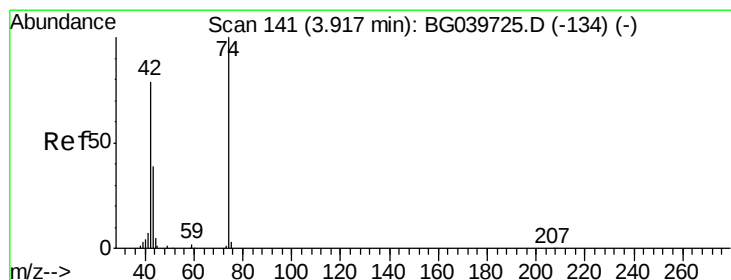
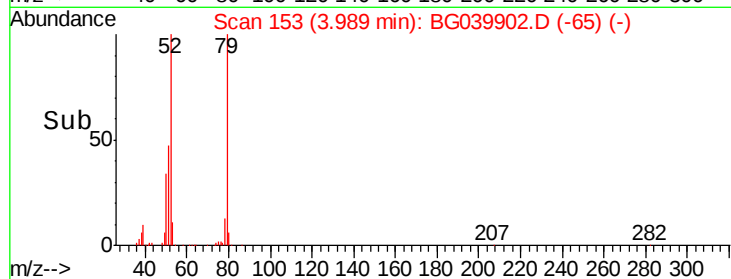
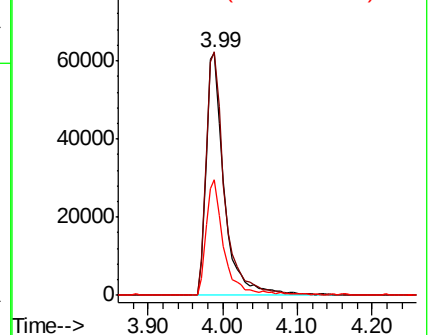
51 47.4 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.048 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

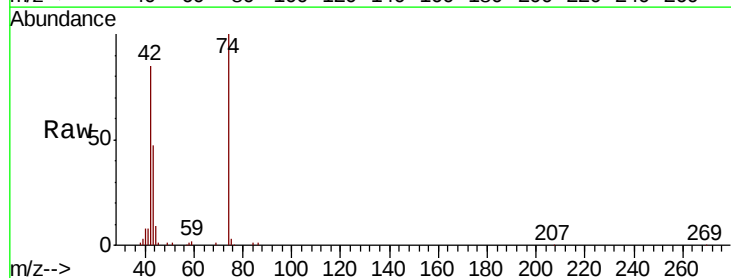
Tgt Ion: 42 Resp: 60766

Ion Ratio Lower Upper

42 100

74 118.1 83.6 125.4

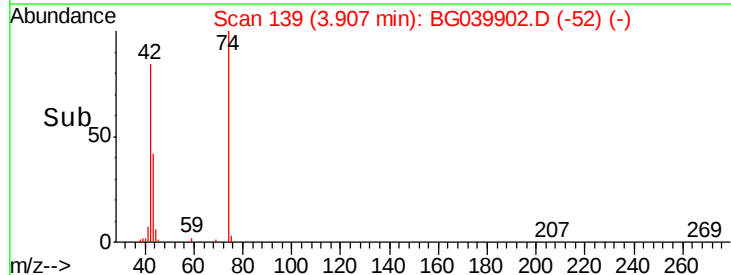
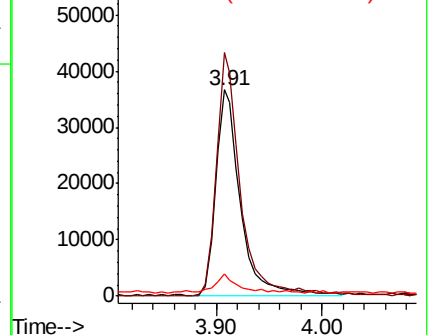
44 10.7 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 141.931 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

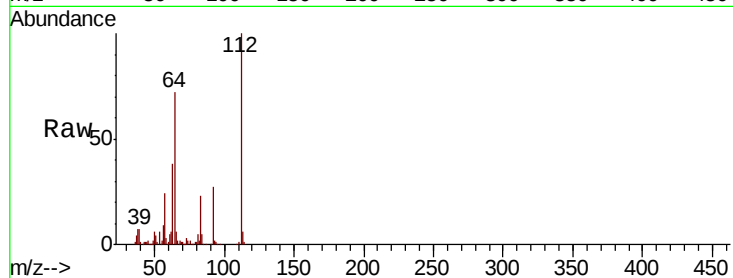
Tot Ion:112 Resp: 349818

Ion Ratio Lower Upper

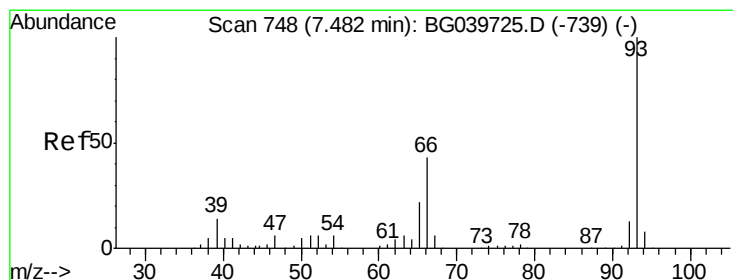
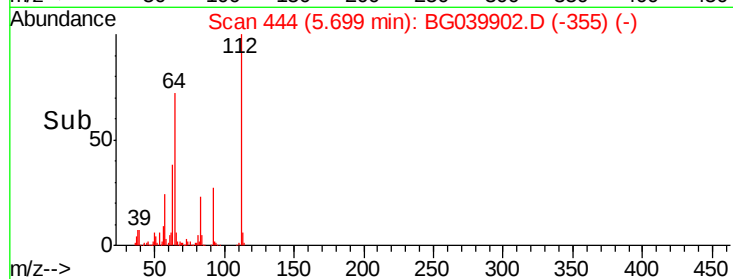
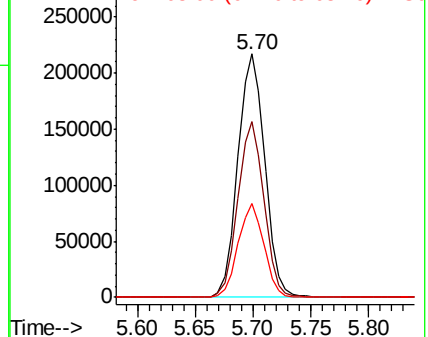
112 100

64 72.2 57.8 86.8

63 38.3 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: 24.891 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

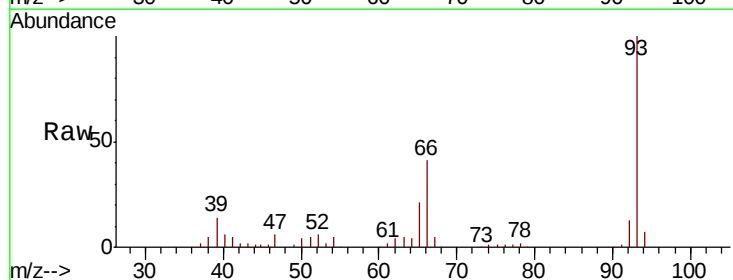
Tgt Ion: 93 Resp: 119844

Ion Ratio Lower Upper

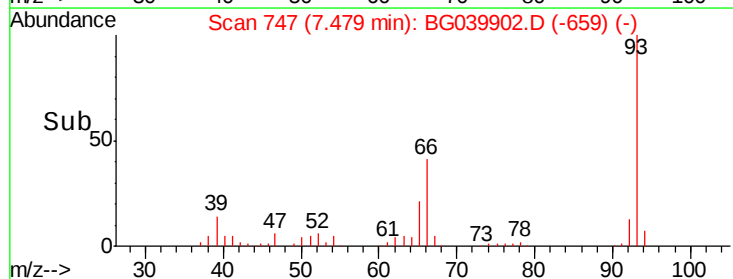
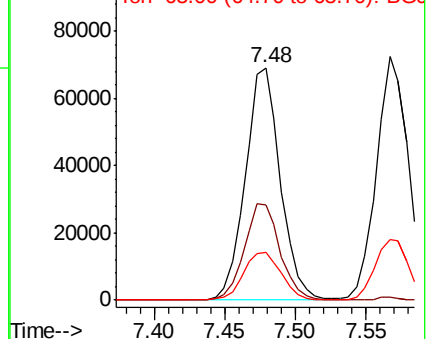
93 100

66 41.1 34.2 51.4

65 20.6 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: 129.970 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

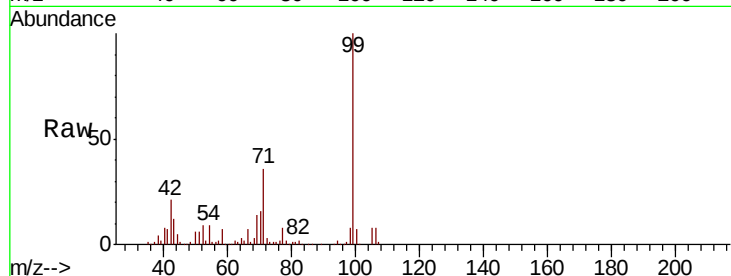
Tot Ion: 99 Resp: 477640

Ion Ratio Lower Upper

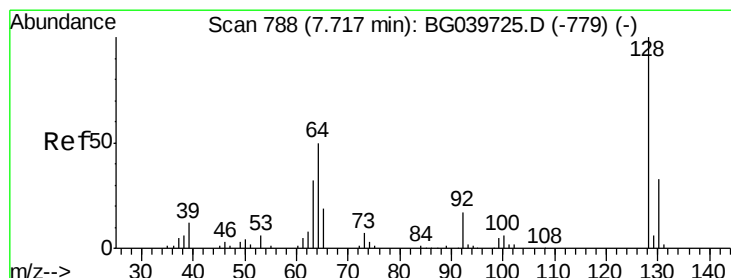
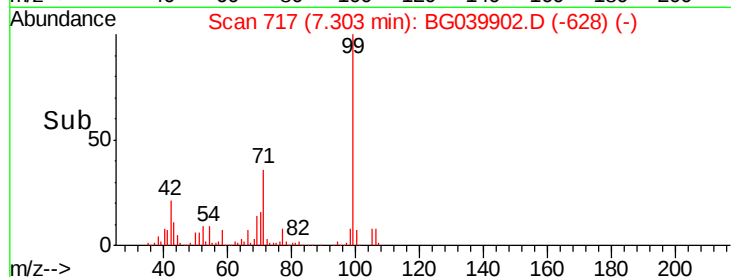
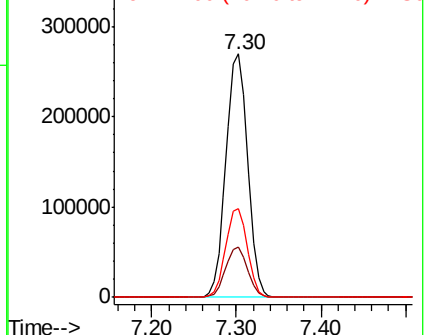
99 100

42 20.7 18.2 27.2

71 36.4 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.747 ng

RT: 7.71 min Scan# 787

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

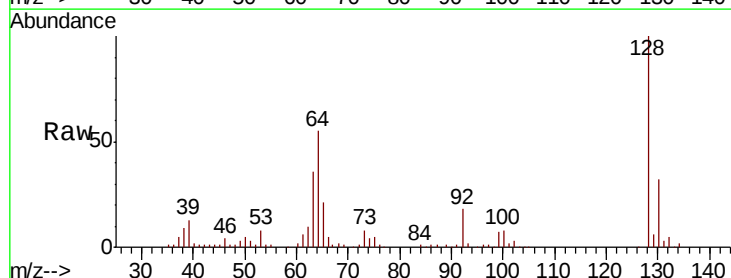
Tgt Ion:128 Resp: 118848

Ion Ratio Lower Upper

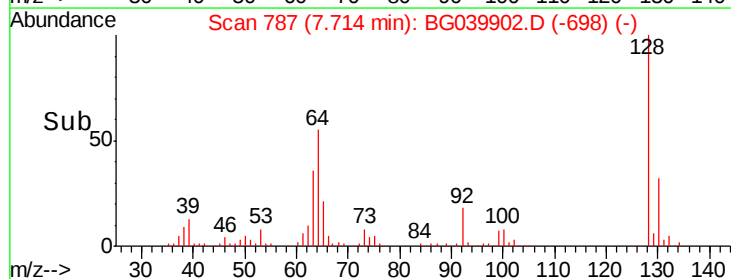
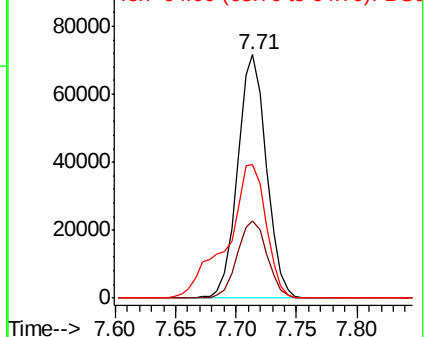
128 100

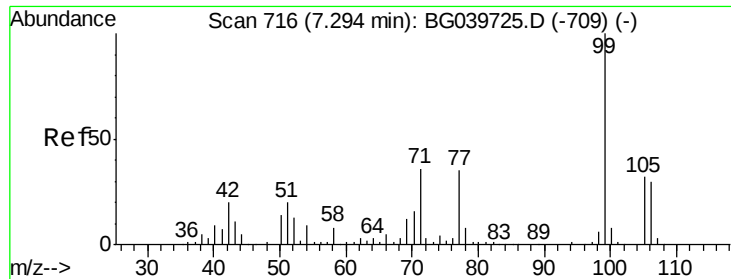
130 31.8 12.9 52.9

64 54.7 38.7 78.7



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





#9

Benzaldehyde

Concen: 26.149 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

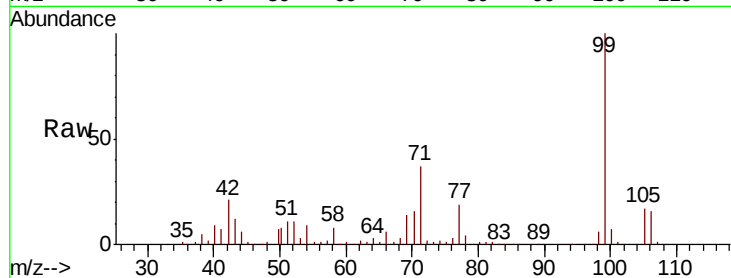
Tot Ion: 77 Resp: 61989

Ion Ratio Lower Upper

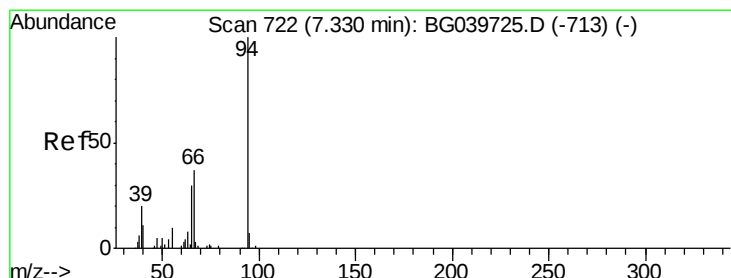
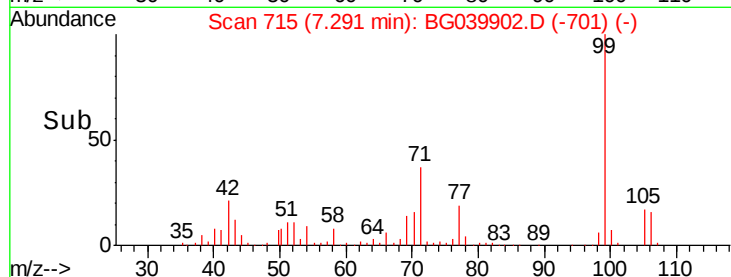
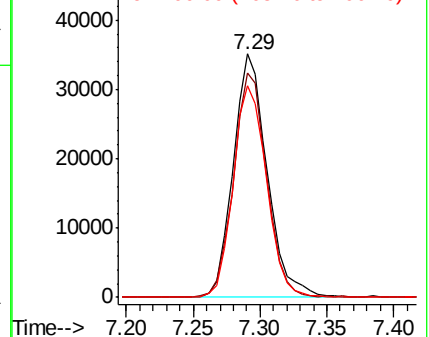
77 100

105 92.4 74.5 114.5

106 87.1 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: 41.018 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

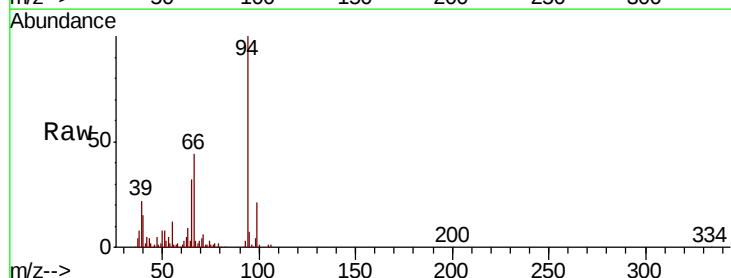
Tgt Ion: 94 Resp: 163301

Ion Ratio Lower Upper

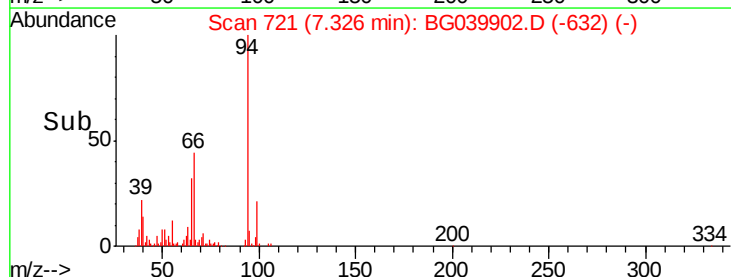
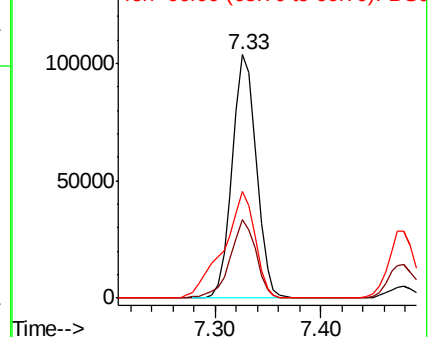
94 100

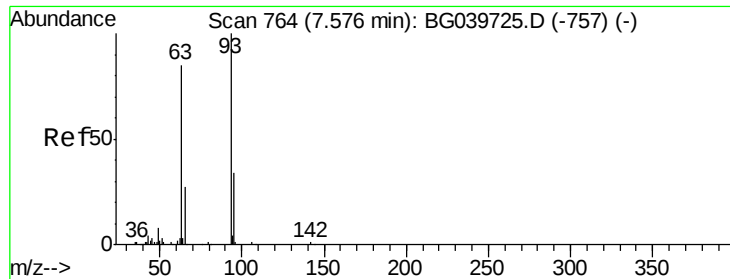
65 32.2 11.7 51.7

66 43.8 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



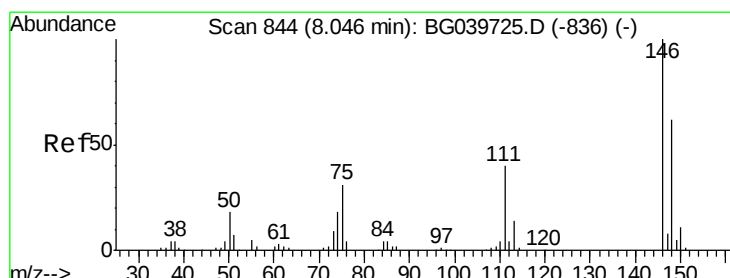
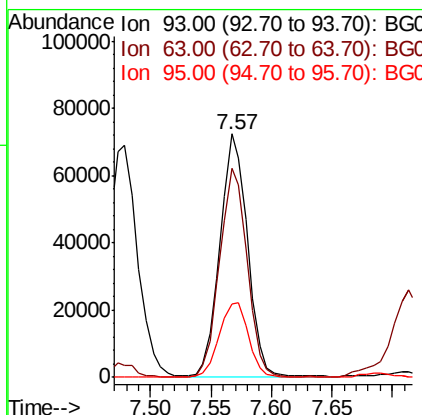
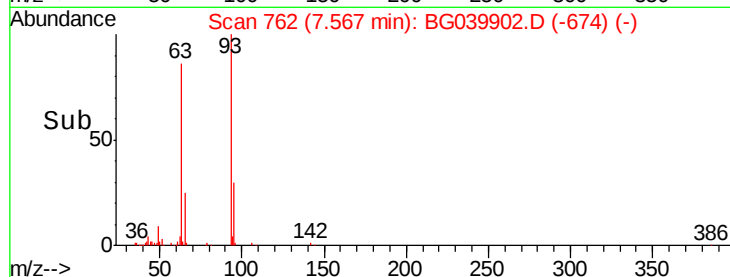
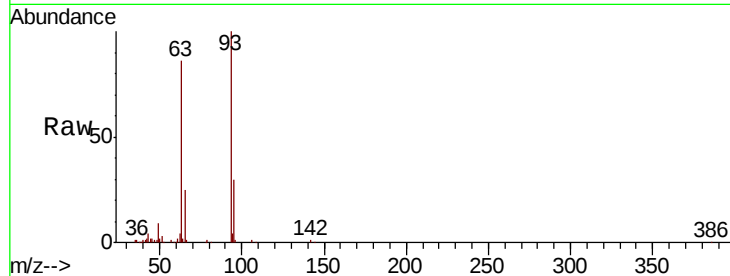


#11
 bis(2-Chloroethyl)ether
 Concen: 37.087 ng
 RT: 7.57 min Scan# 762
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 93 Resp: 115119

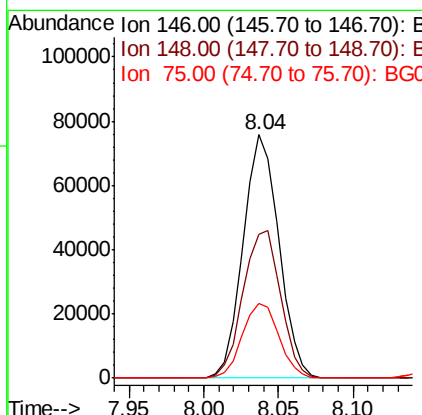
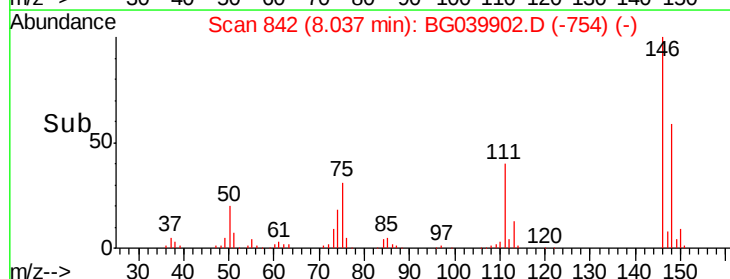
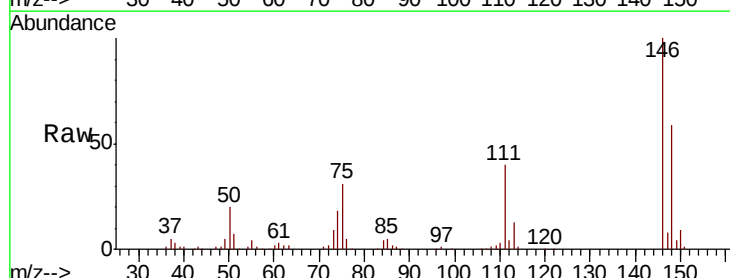
Ion	Ratio	Lower	Upper
93	100		
63	85.6	69.5	109.5
95	30.3	12.7	52.7

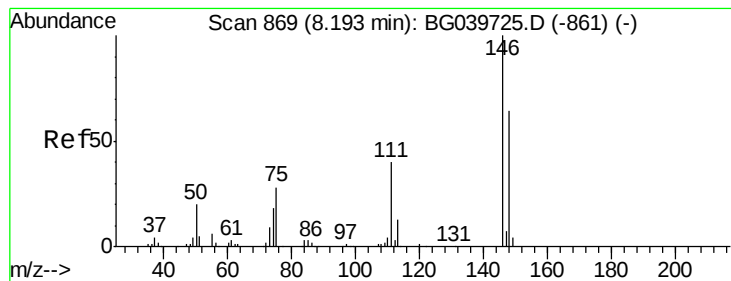


#12
 1,3-Dichlorobenzene
 Concen: 37.105 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion: 146 Resp: 125480

Ion	Ratio	Lower	Upper
146	100		
148	59.0	52.6	79.0
75	30.5	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 37.184 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampled :

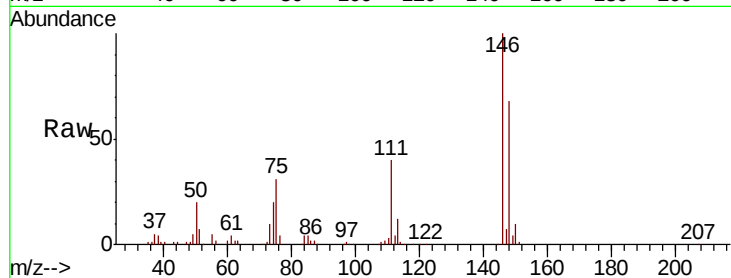
Tot Ion:146 Resp: 128085

Ion Ratio Lower Upper

146 100

148 68.1 51.1 76.7

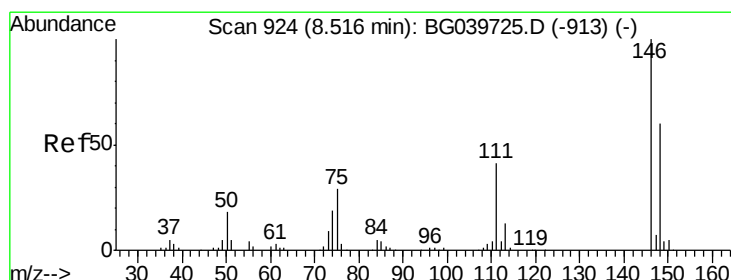
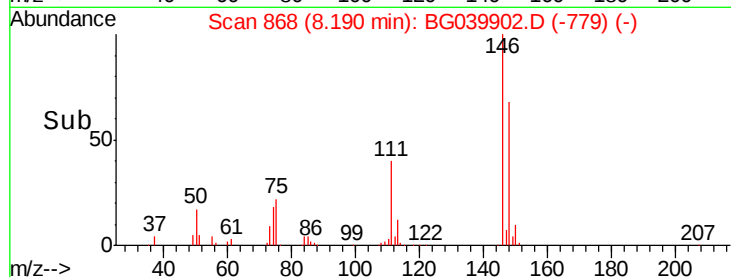
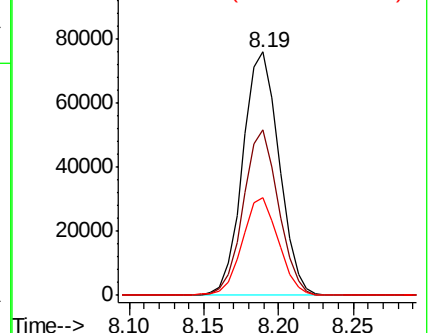
111 40.1 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 37.284 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

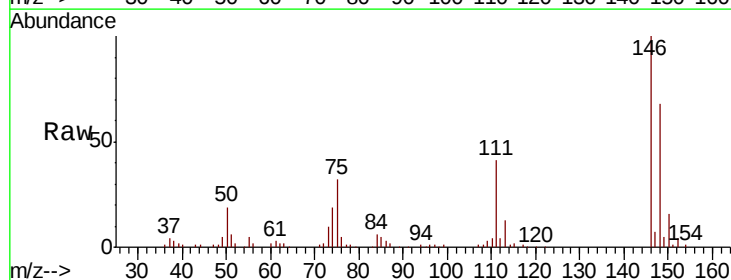
Tgt Ion:146 Resp: 124087

Ion Ratio Lower Upper

146 100

148 67.5 51.5 77.3

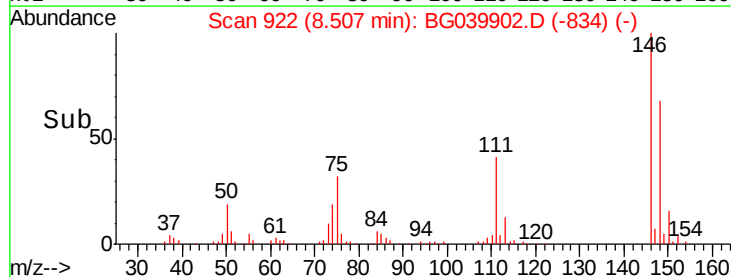
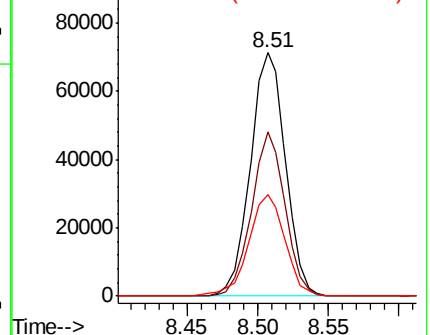
111 41.5 33.8 50.6



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: 37.514 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

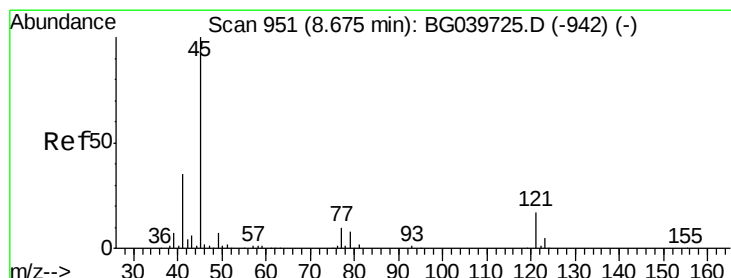
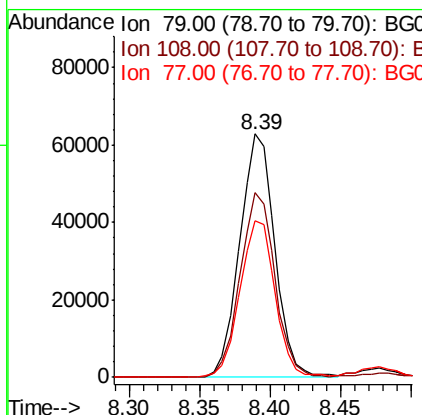
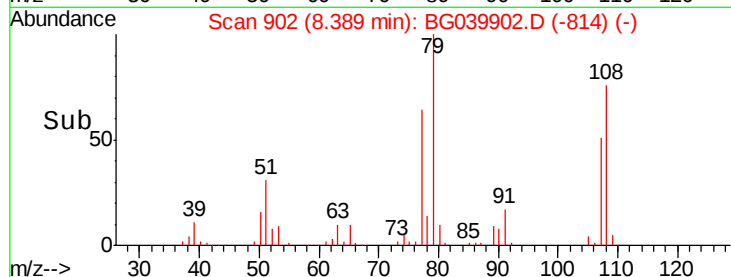
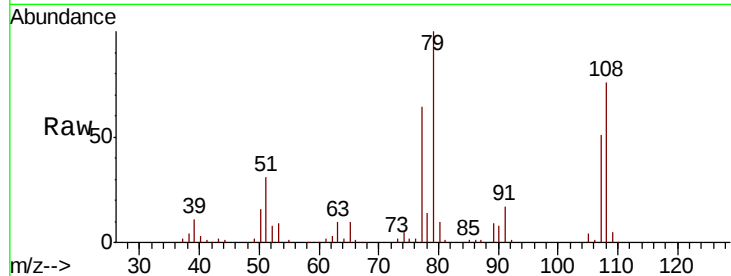
Tot Ion: 79 Resp: 109362

Ion Ratio Lower Upper

79 100

108 75.9 57.8 86.6

77 64.2 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.251 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

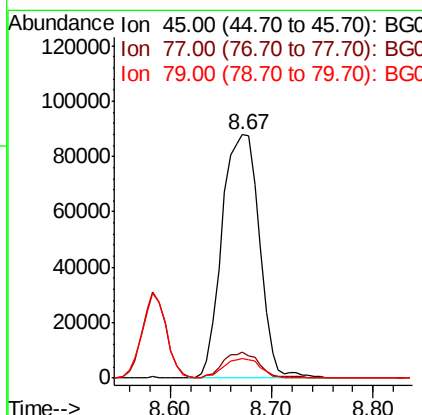
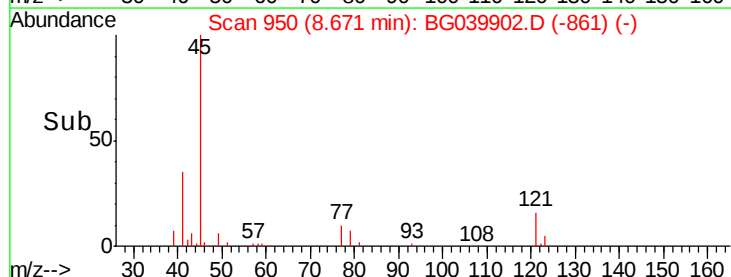
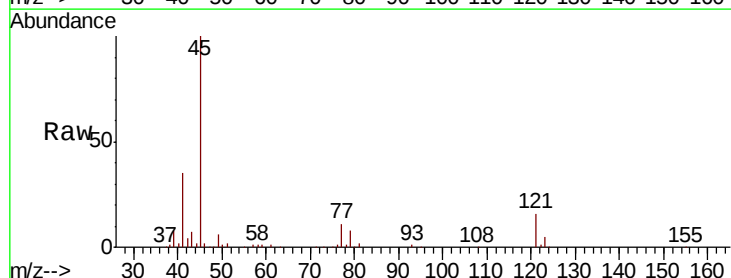
Tgt Ion: 45 Resp: 225050

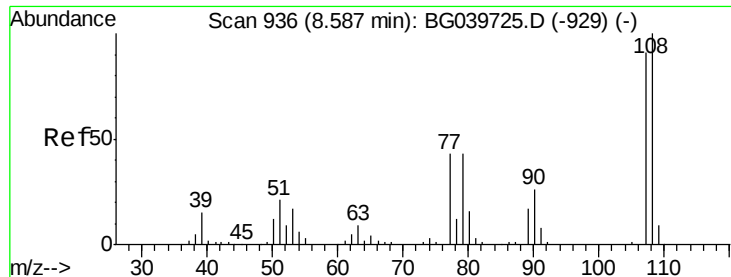
Ion Ratio Lower Upper

45 100

77 10.8 0.0 30.0

79 7.8 0.0 27.5

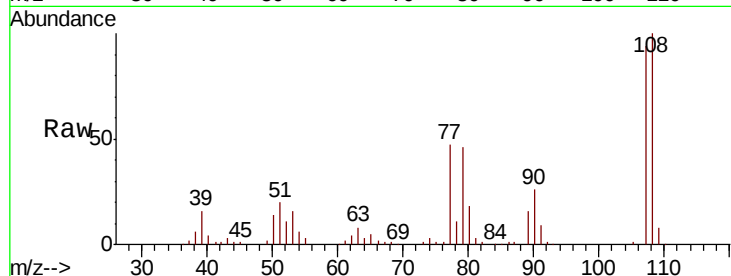




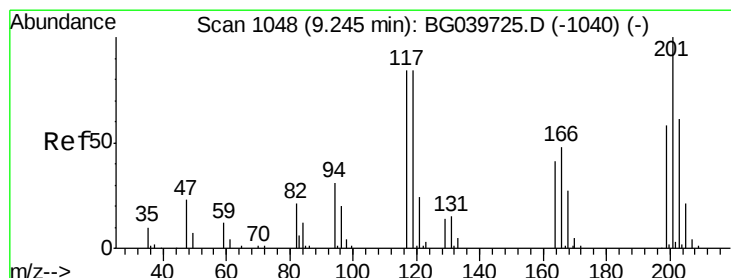
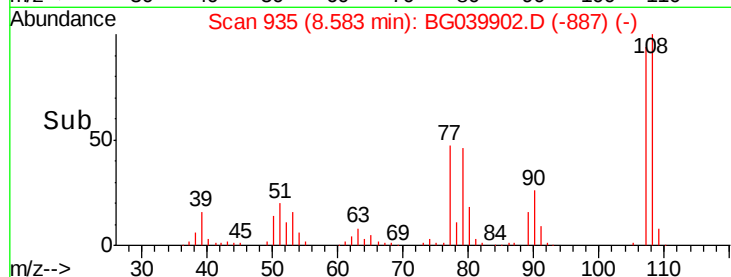
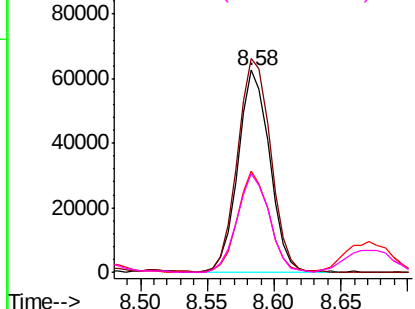
#17
2-Methylphenol
Concen: 40.453 ng
RT: 8.58 min Scan# 935
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	102692
Ion	Ratio	Lower	Upper
107	100		
108	105.9	90.8	136.2
77	49.9	40.7	61.1
79	49.2	40.6	60.8

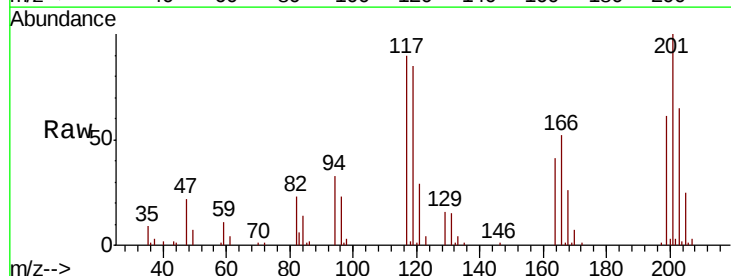


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

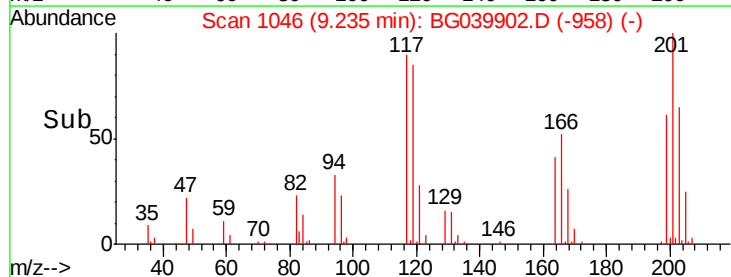
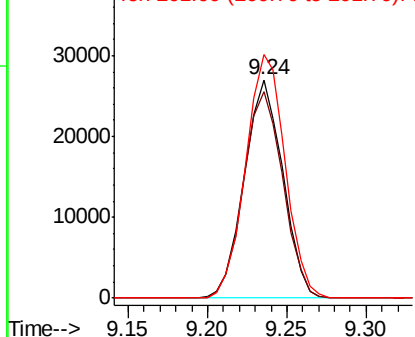


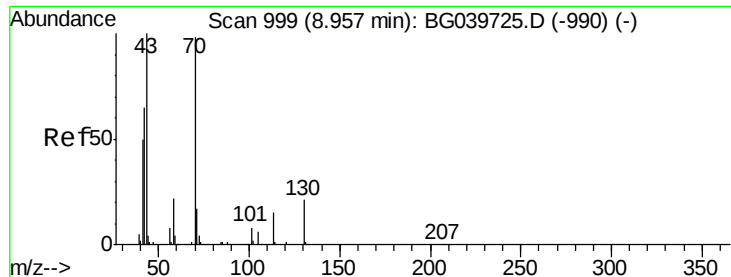
#18
Hexachloroethane
Concen: 36.961 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:	117	Resp:	45683
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.3	114.5
201	111.5	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

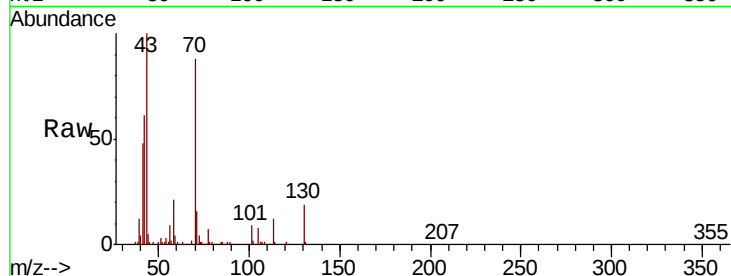




#19
n-Nitroso-di-n-propylamine
Concen: 34.468 ng
RT: 8.95 min Scan# 998
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	91173
Ion	Ratio	Lower	Upper
70	100		
42	69.0	60.4	90.6
101	10.5	7.5	11.3
130	21.1	16.9	25.3



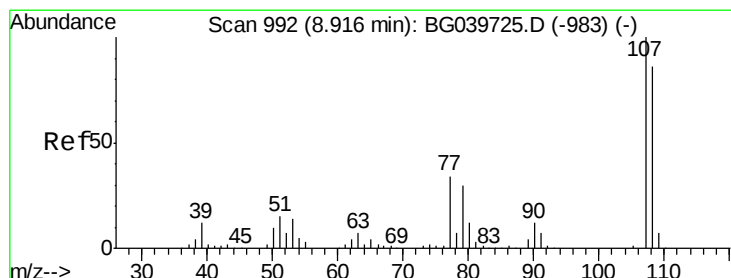
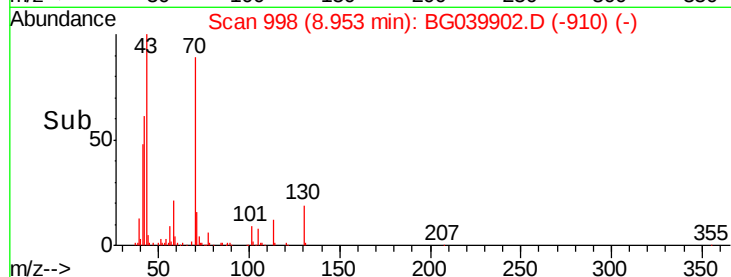
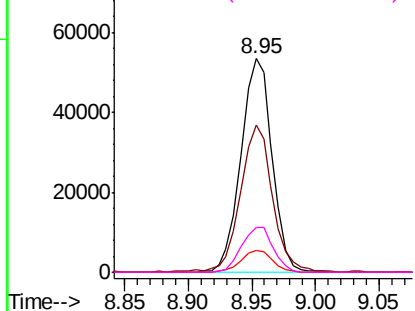
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

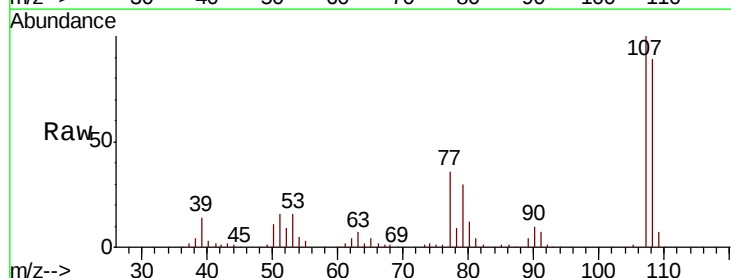
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 39.982 ng
RT: 8.91 min Scan# 991
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:	107	Resp:	141003
Ion	Ratio	Lower	Upper
107	100		
108	89.3	67.9	107.9
77	36.3	15.4	55.4
79	30.3	13.7	53.7



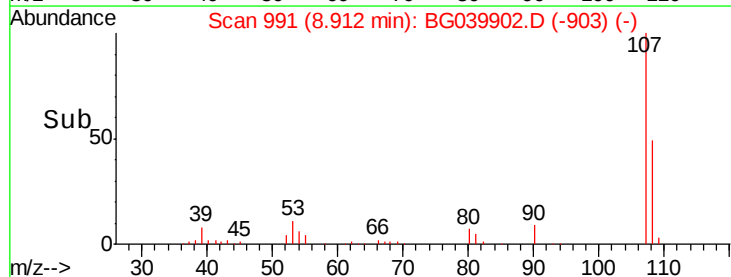
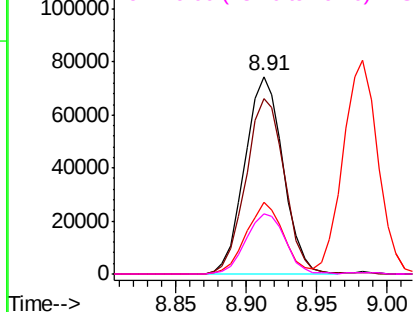
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

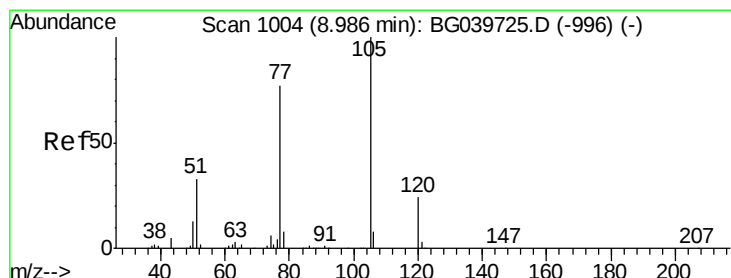
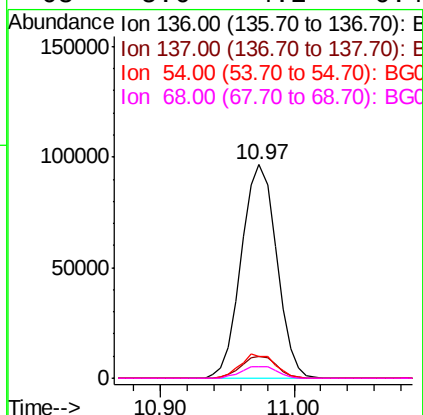
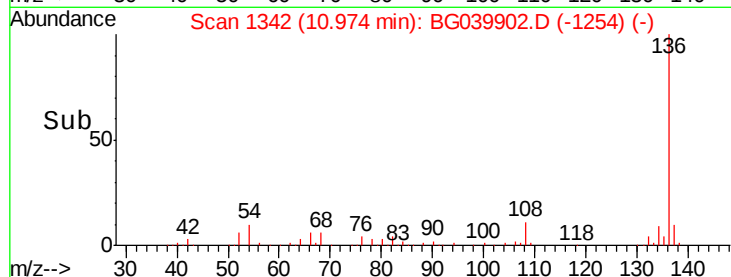
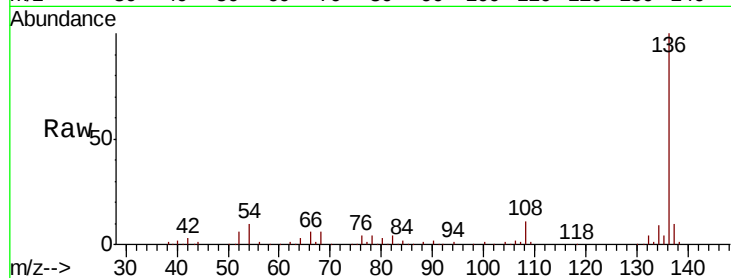




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

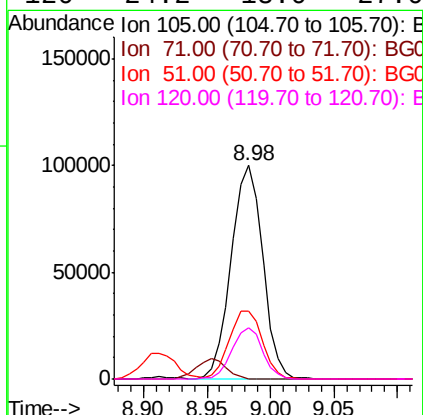
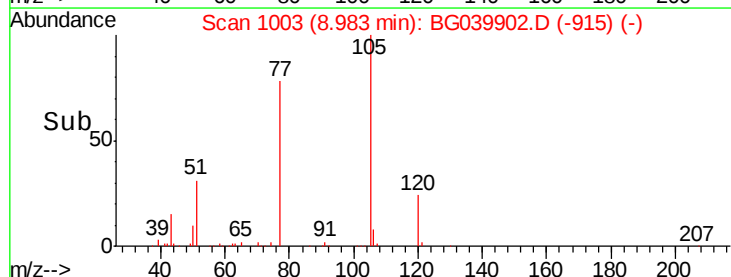
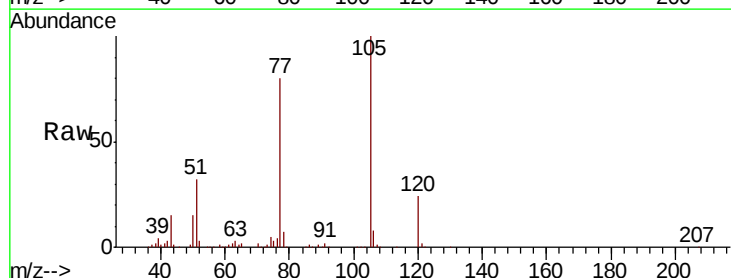
Instrument :
BNA_G
ClientSampled :

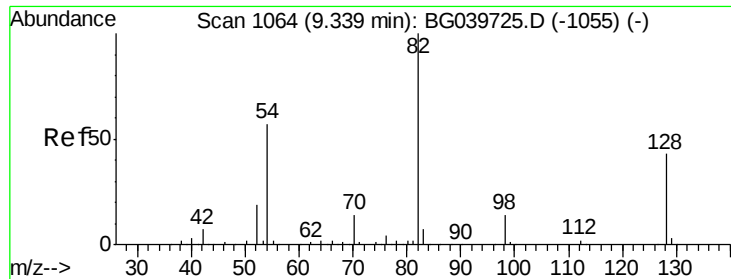
Tot Ion:136	Resp:	176689
Ion Ratio	Lower	Upper
136	100	
137	10.5	9.1 13.7
54	10.5	9.4 14.2
68	5.6	4.2 6.4



#22
Acetophenone
Concen: 36.433 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:105	Resp:	172776
Ion Ratio	Lower	Upper
105	100	
71	0.2	0.8 1.2#
51	31.8	30.2 45.2
120	24.2	18.0 27.0

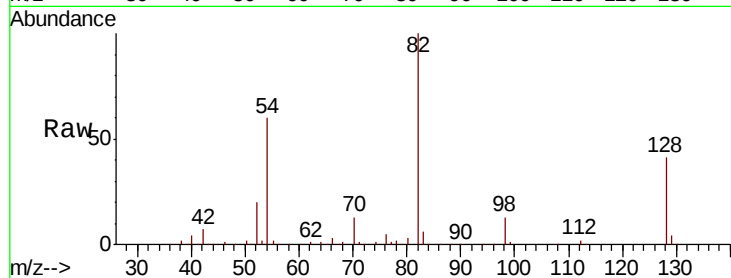




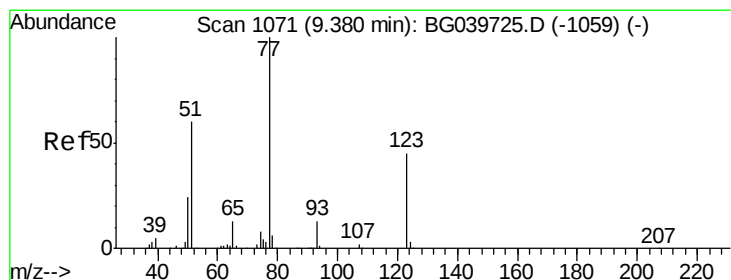
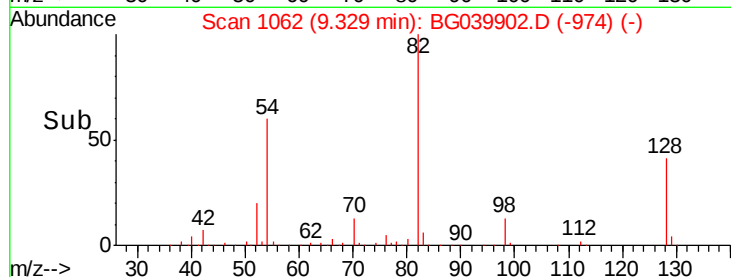
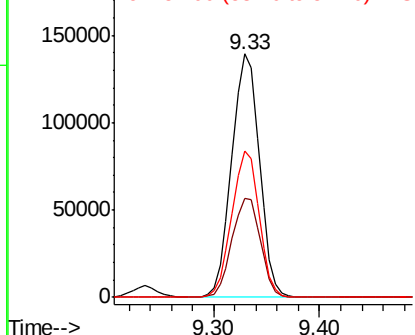
#23
Nitrobenzene-d5
Concen: 77.189 ng
RT: 9.33 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 252172
Ion Ratio Lower Upper
82 100
128 40.7 31.3 46.9
54 60.1 50.9 76.3

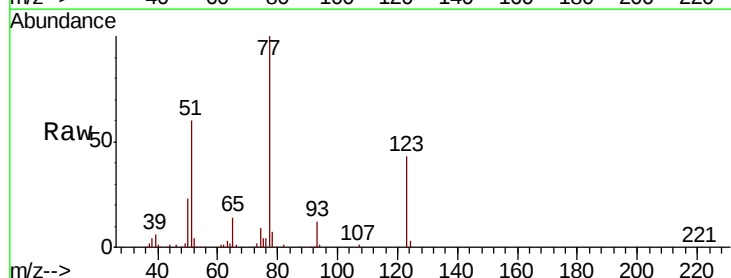


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

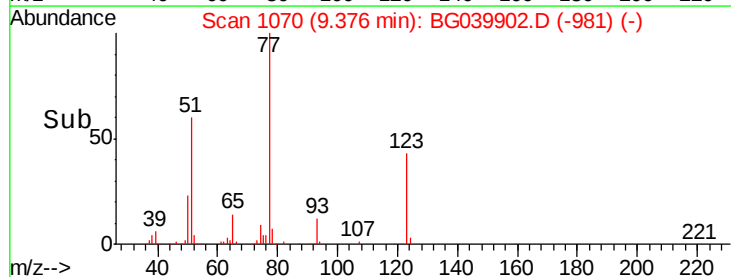
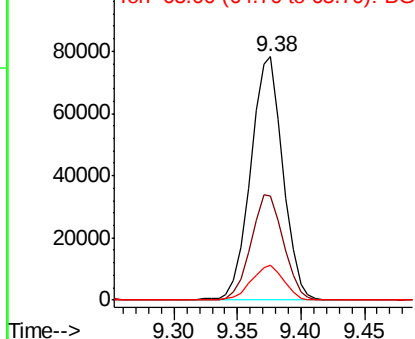


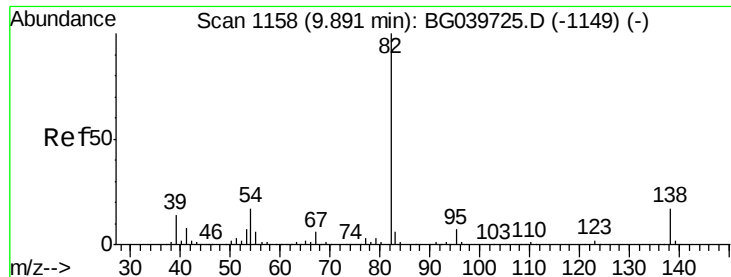
#24
Nitrobenzene
Concen: 40.346 ng
RT: 9.38 min Scan# 1070
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion: 77 Resp: 138277
Ion Ratio Lower Upper
77 100
123 42.8 34.1 51.1
65 14.3 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: 37.026 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

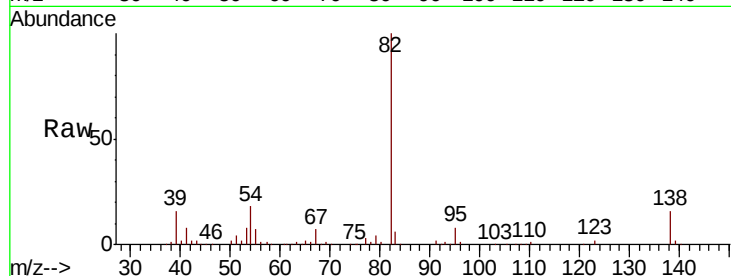
Tot Ion: 82 Resp: 253453

Ion Ratio Lower Upper

82 100

95 7.9 6.2 9.2

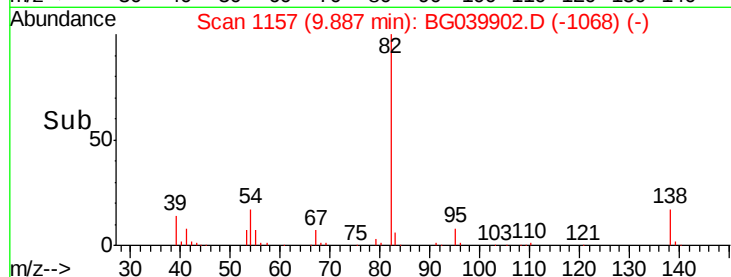
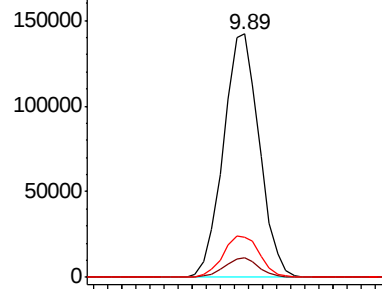
138 16.5 13.0 19.4



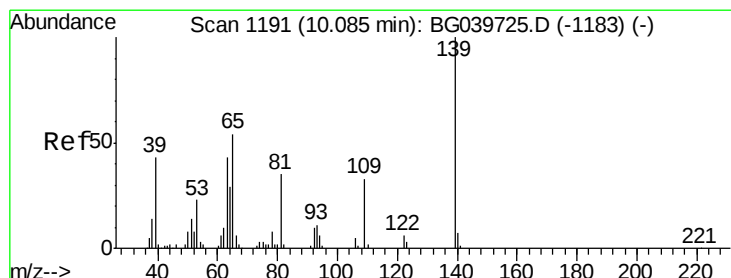
Abundance Ion 82.00 (81.70 to 82.70): BG039725.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BG039725.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BG039725.D (-1149) (-)



Time-->



#26

2-Nitrophenol

Concen: 41.486 ng

RT: 10.08 min Scan# 1190

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

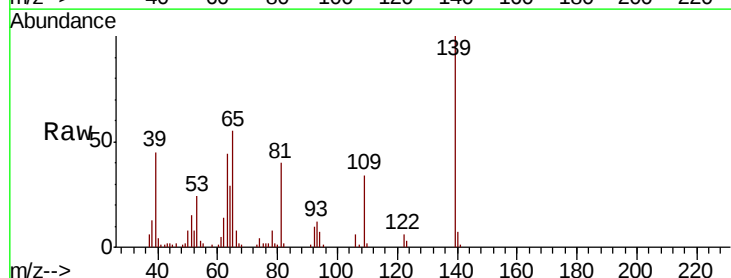
Tgt Ion: 139 Resp: 68649

Ion Ratio Lower Upper

139 100

109 34.5 23.4 35.0

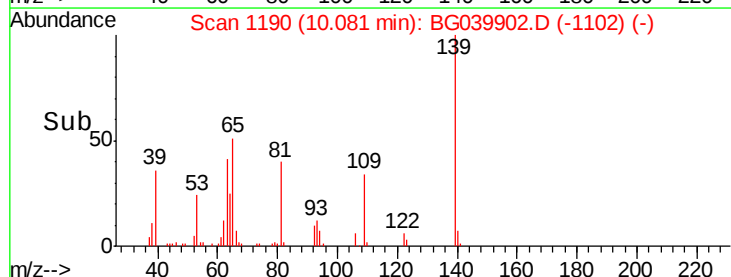
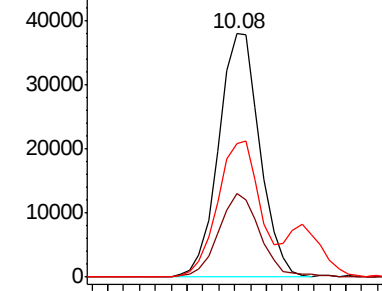
65 54.9 44.3 66.5



Abundance Ion 139.00 (138.70 to 139.70): BG039725.D (-1183) (-)

Ion 109.00 (108.70 to 109.70): BG039725.D (-1183) (-)

Ion 65.00 (64.70 to 65.70): BG039725.D (-1183) (-)



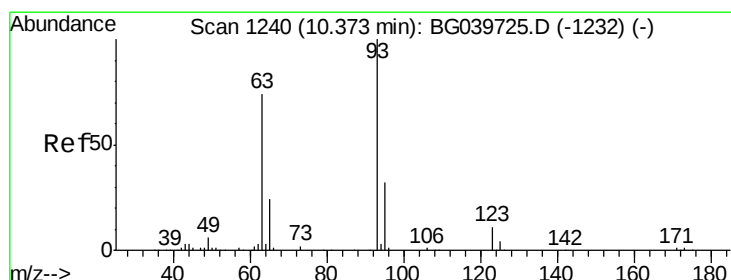
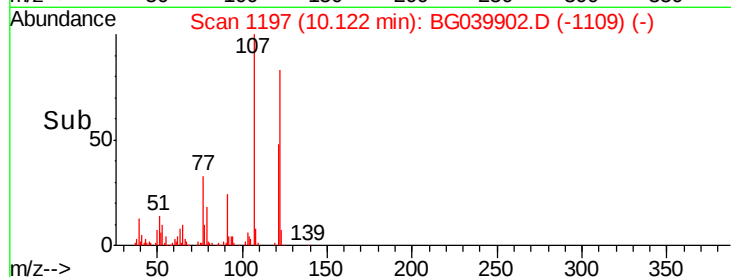
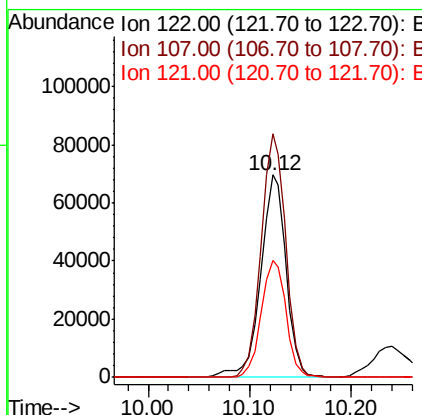
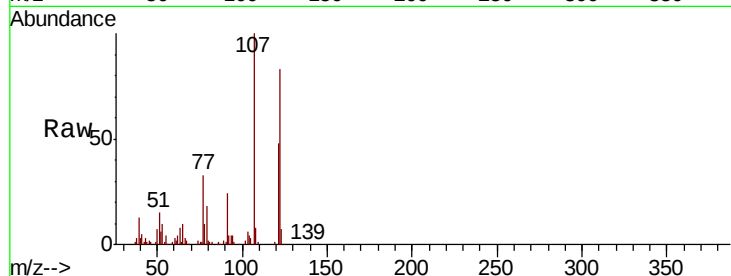
Time-->



#27
2,4-Dimethylphenol
Concen: 47.379 ng
RT: 10.12 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

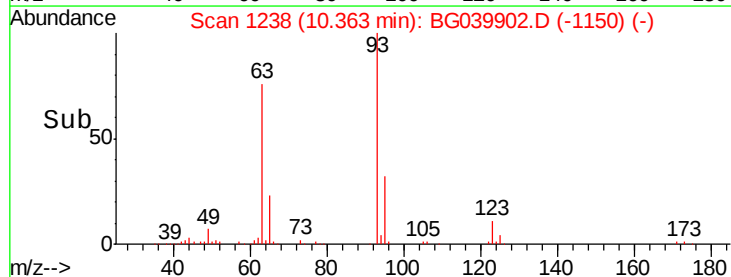
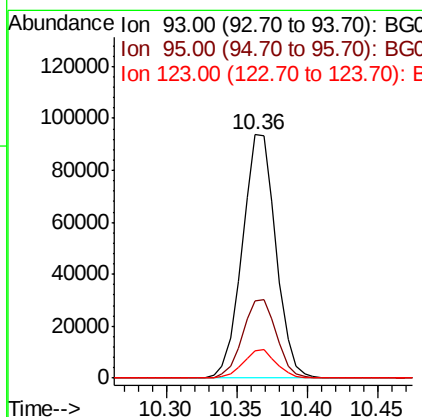
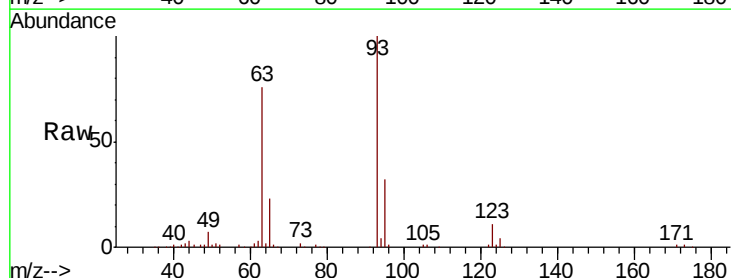
Instrument :
BNA_G
ClientSampleId :

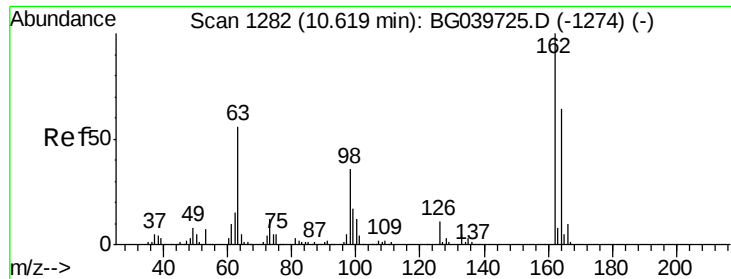
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.3	91.7	137.5
121	58.0	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.475 ng
RT: 10.36 min Scan# 1238
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.6	25.0	37.4
123	11.3	8.6	12.8





#29

2,4-Dichlorophenol

Concen: 45.345 ng

RT: 10.62 min Scan# 1281

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampled :

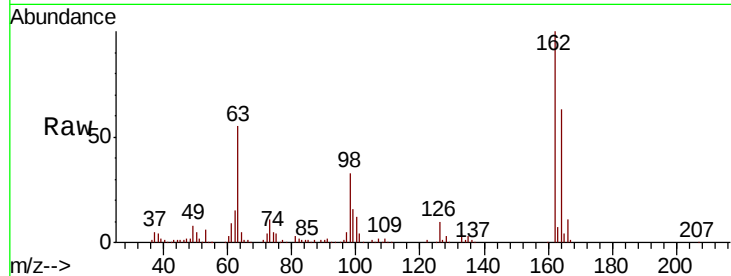
Tot Ion:162 Resp: 131389

Ion Ratio Lower Upper

162 100

164 63.2 48.1 88.1

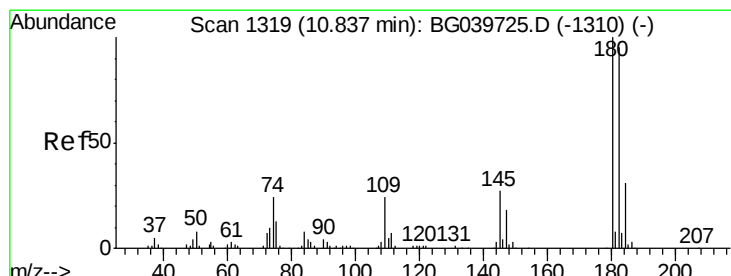
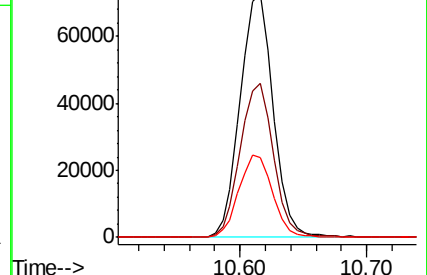
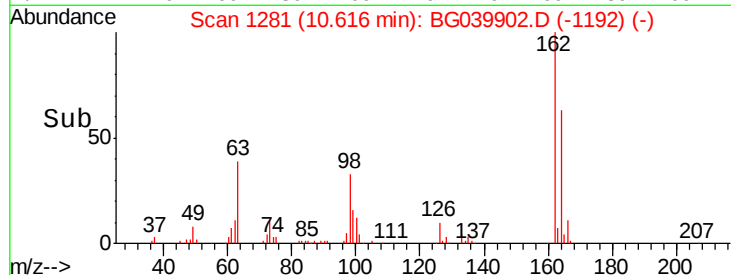
98 32.8 18.1 58.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.362 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

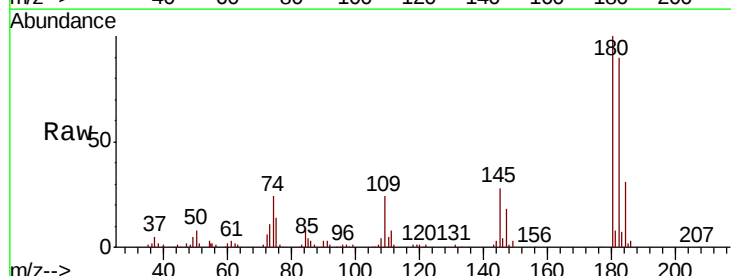
Tgt Ion:180 Resp: 128342

Ion Ratio Lower Upper

180 100

182 90.0 76.0 114.0

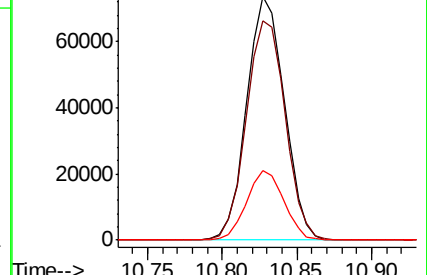
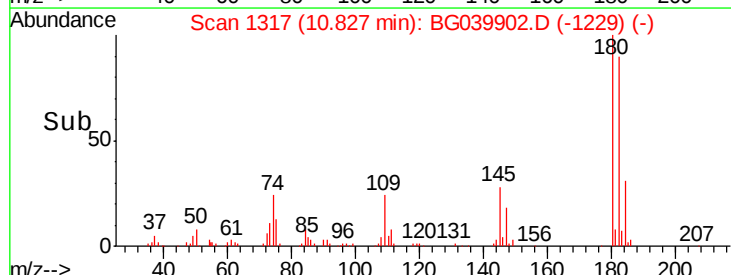
145 28.4 22.7 34.1



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

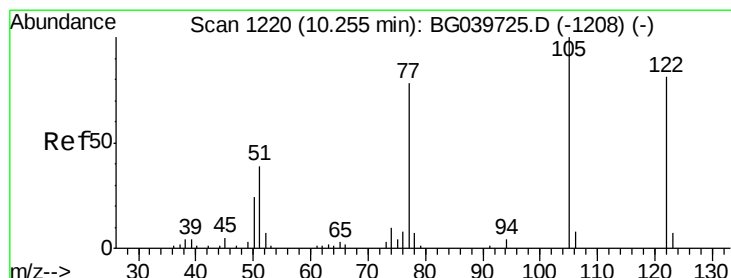
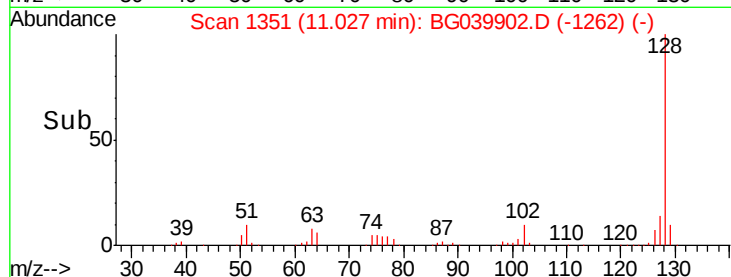
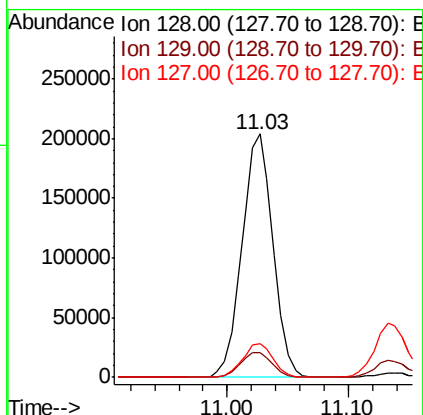
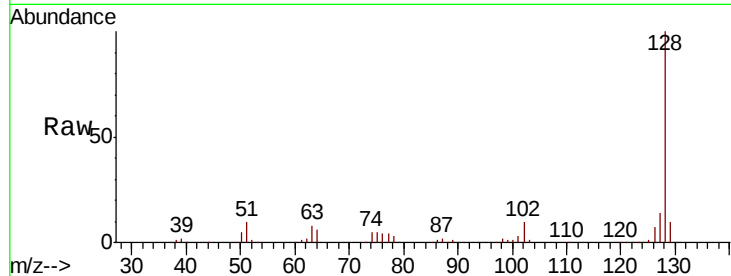




#31
Naphthalene
Concen: 38.705 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

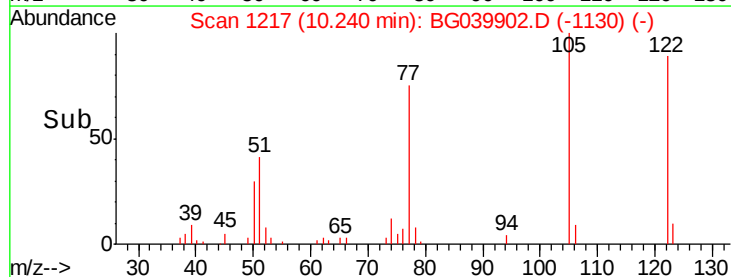
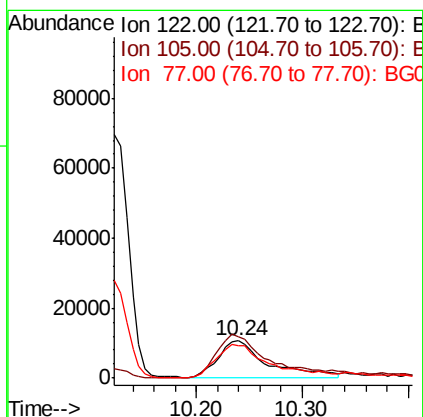
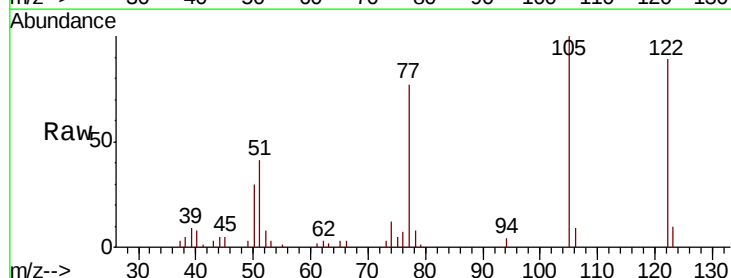
Instrument :
BNA_G
ClientSampled :

Tot Ion:128 Resp: 362078
Ion Ratio Lower Upper
128 100
129 10.1 8.7 13.1
127 13.9 10.8 16.2



#32
Benzoic acid
Concen: 23.855 ng
RT: 10.24 min Scan# 1217
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:122 Resp: 35353
Ion Ratio Lower Upper
122 100
105 111.8 101.8 141.8
77 85.8 76.3 116.3

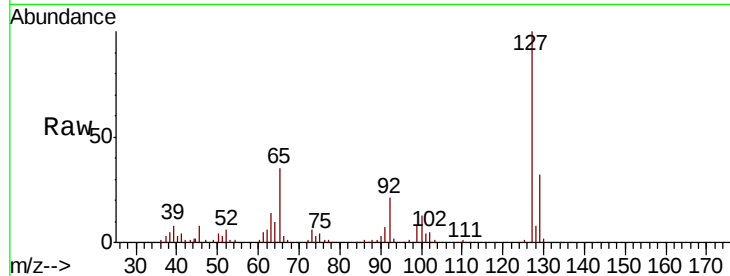




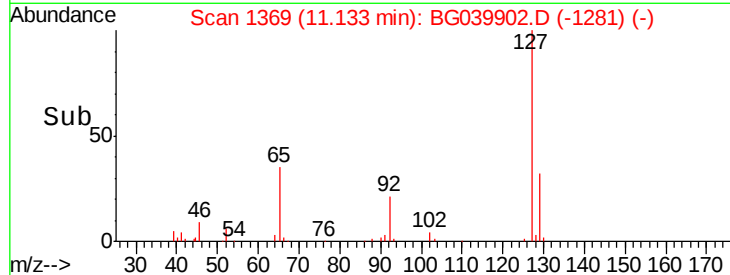
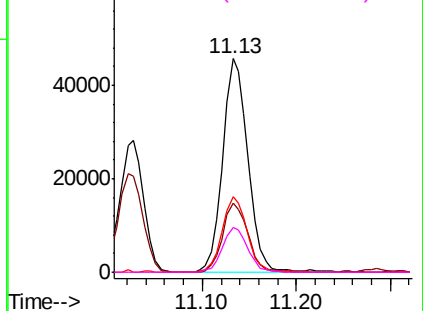
#33
4-Chloroaniline
Concen: 21.543 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	85460
Ion	Ratio	Lower	Upper
127	100		
129	32.1	27.0	40.4
65	35.4	28.8	43.2
92	21.1	16.6	25.0

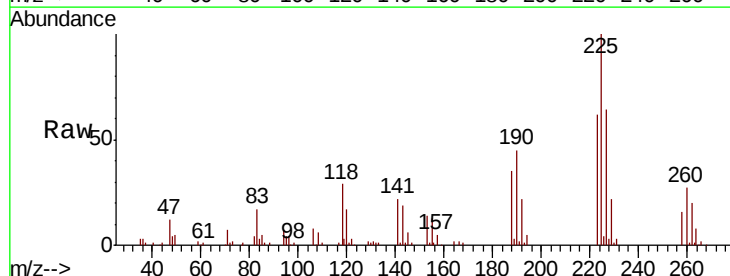


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

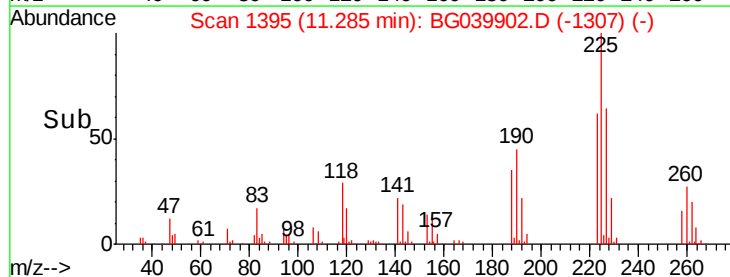
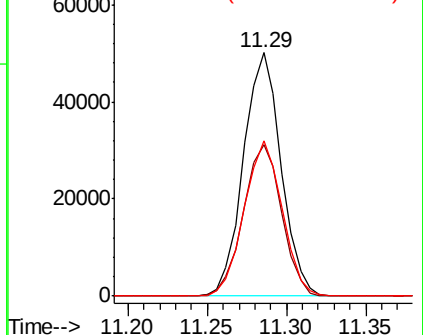


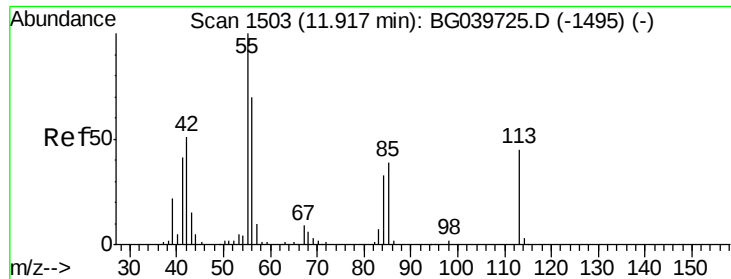
#34
Hexachlorobutadiene
Concen: 37.027 ng
RT: 11.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:	225	Resp:	82499
Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.0	73.6
227	63.7	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

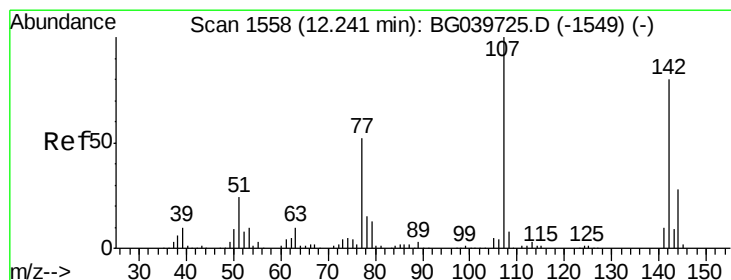
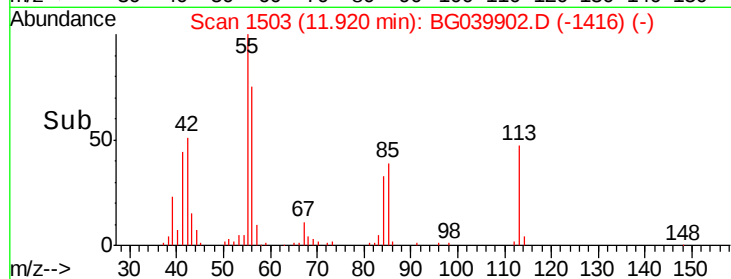
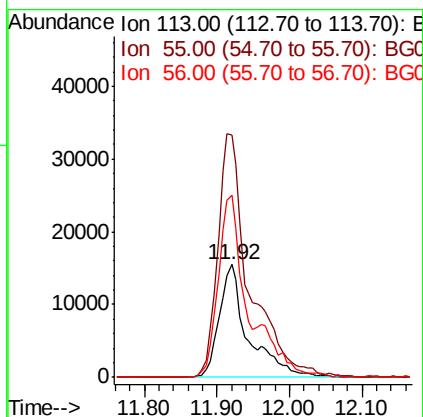
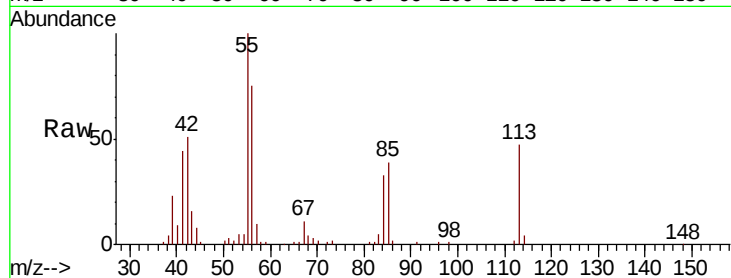




#35
Caprolactam
Concen: 38.873 ng
RT: 11.92 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

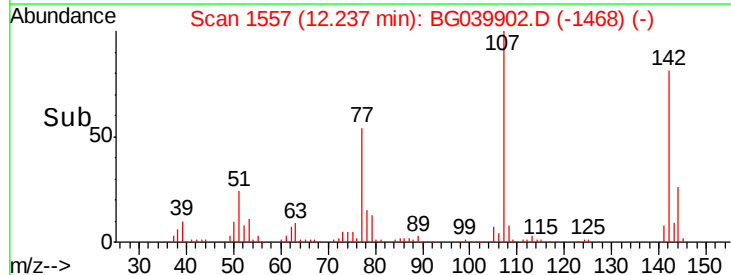
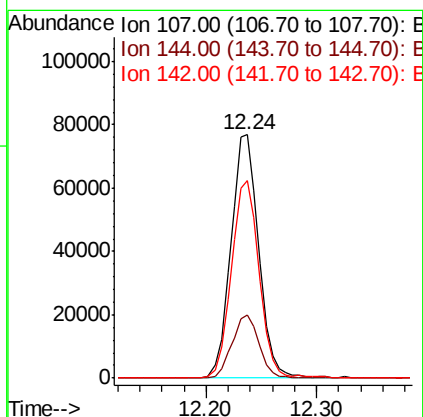
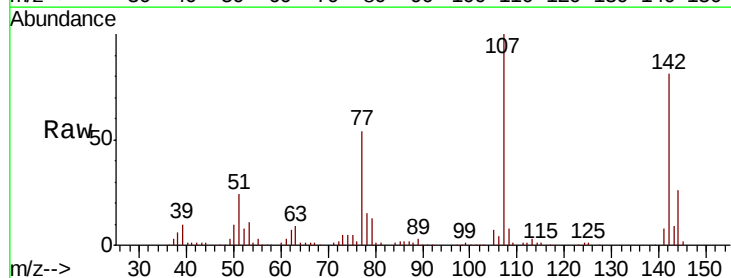
Instrument :
BNA_G
ClientSampled :

Tot Ion:113 Resp: 43027
Ion Ratio Lower Upper
113 100
55 215.0 216.9 256.9#
56 161.5 152.6 192.6



#36
4-Chloro-3-methylphenol
Concen: 40.915 ng
RT: 12.24 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:107 Resp: 135899
Ion Ratio Lower Upper
107 100
144 26.2 20.2 30.2
142 81.0 61.4 92.2

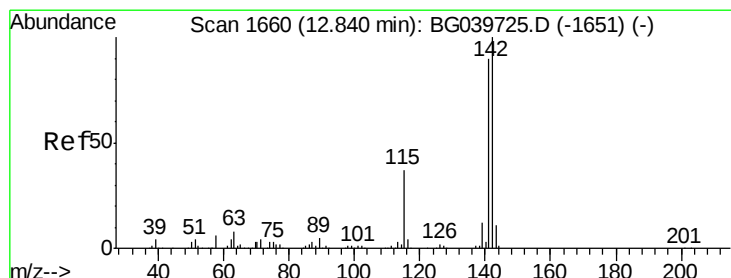
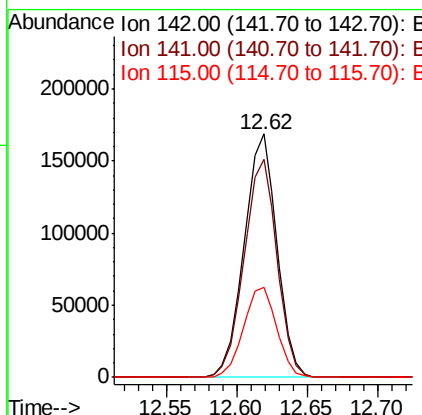
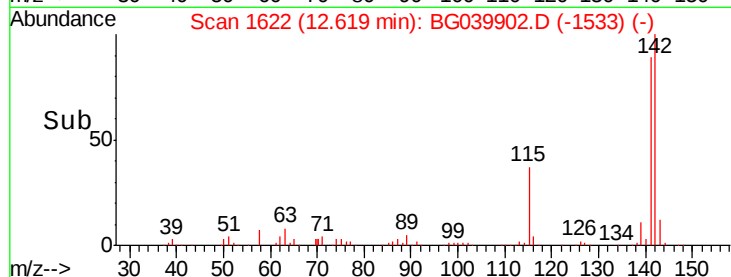
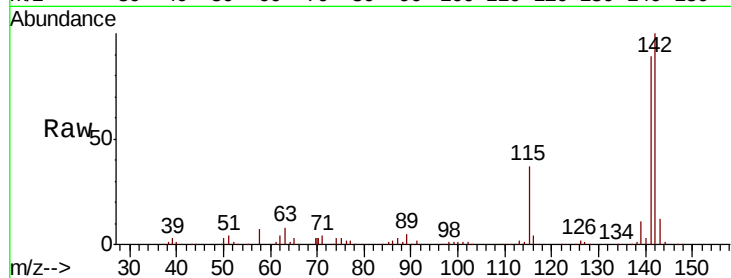




#37
 2-Methylnaphthalene
 Concen: 39.098 ng
 RT: 12.62 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

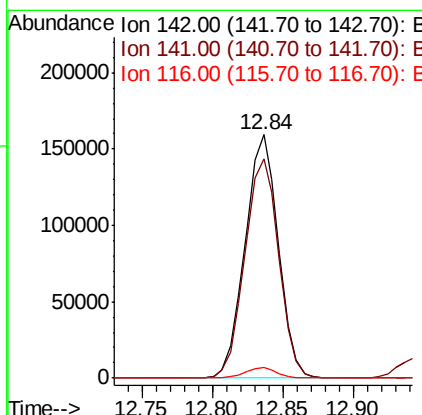
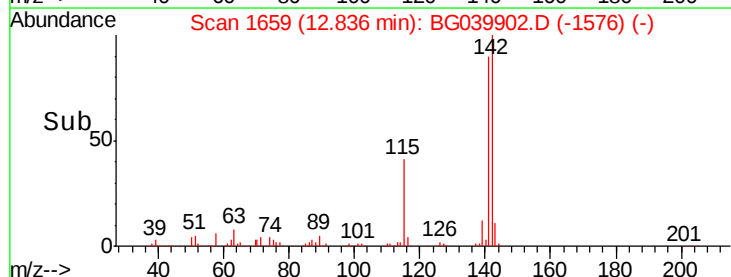
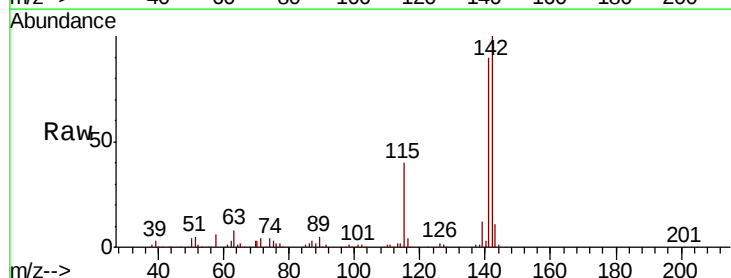
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 273449
 Ion Ratio Lower Upper
 142 100
 141 89.4 73.5 110.3
 115 37.1 30.8 46.2



#38
 1-Methylnaphthalene
 Concen: 38.675 ng
 RT: 12.84 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion:142 Resp: 262865
 Ion Ratio Lower Upper
 142 100
 141 90.0 74.2 111.4
 116 4.2 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampled :

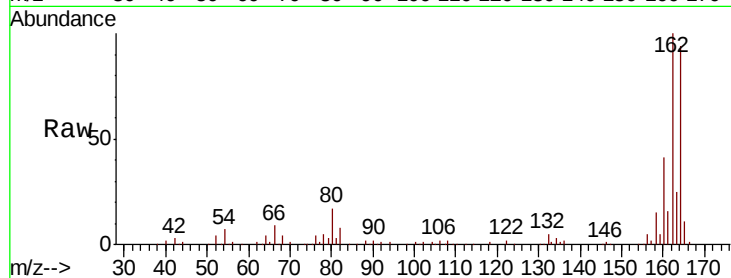
Tot Ion:164 Resp: 117817

Ion Ratio Lower Upper

164 100

162 106.2 81.6 122.4

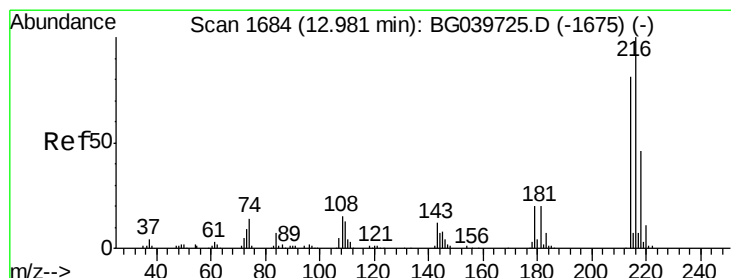
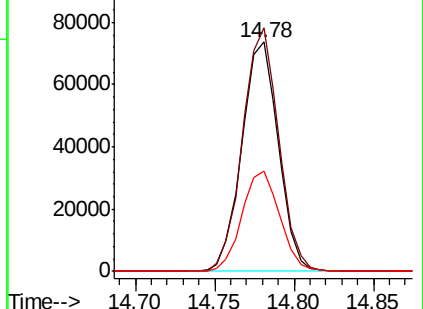
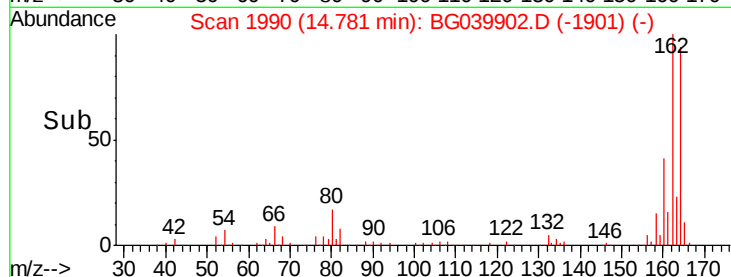
160 43.8 34.2 51.2



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: 38.139 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Tgt Ion:216 Resp: 152224

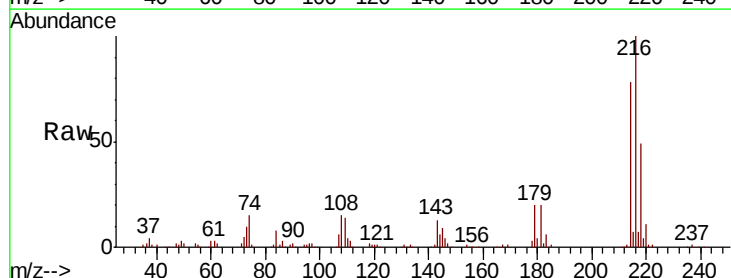
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.4 16.6 25.0

108 18.7 14.0 21.0

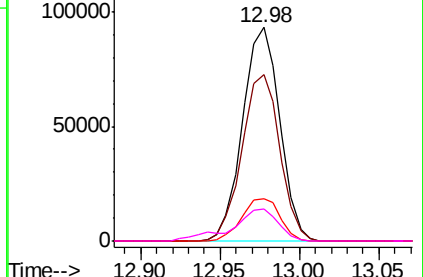
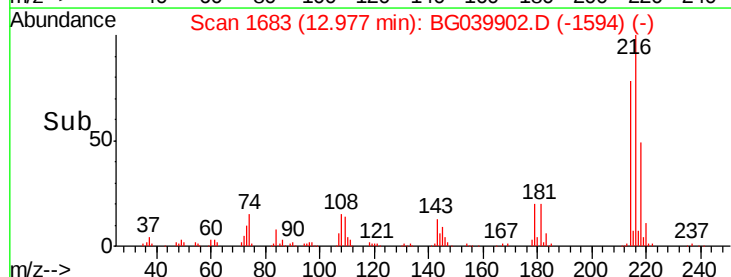


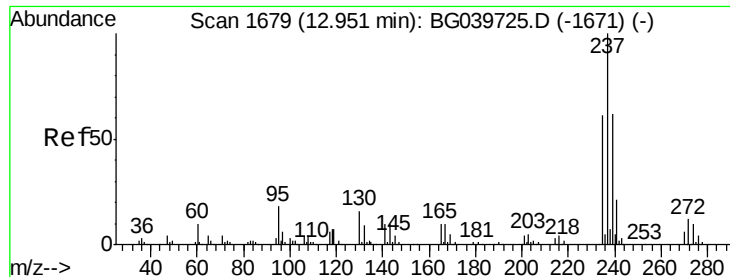
Abundance Ion 216.00 (215.70 to 216.70): E

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: 82.526 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

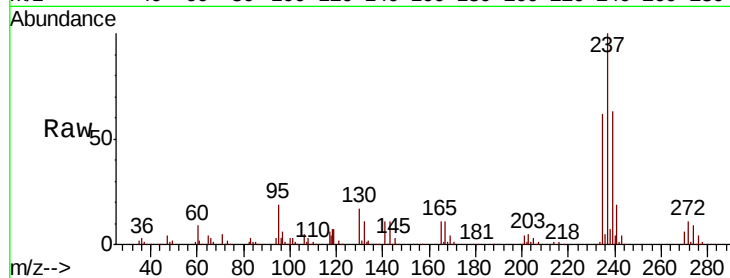
Tot Ion:237 Resp: 176521

Ion Ratio Lower Upper

237 100

235 62.3 43.3 83.3

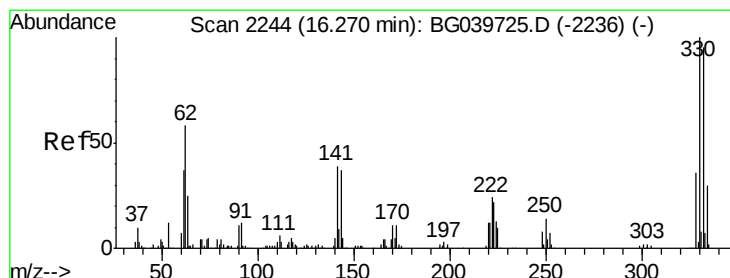
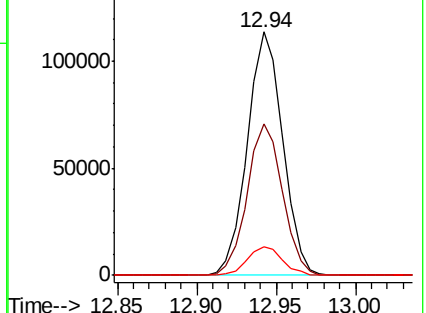
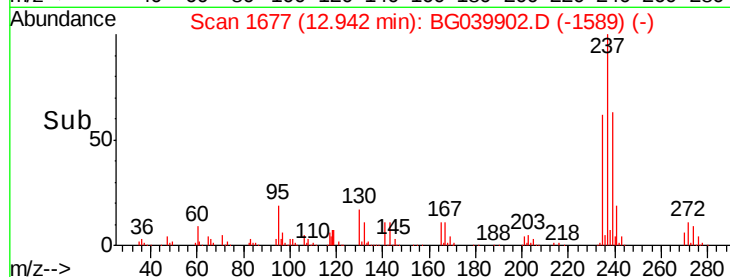
272 11.5 0.0 32.3



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: 135.724 ng

RT: 16.27 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

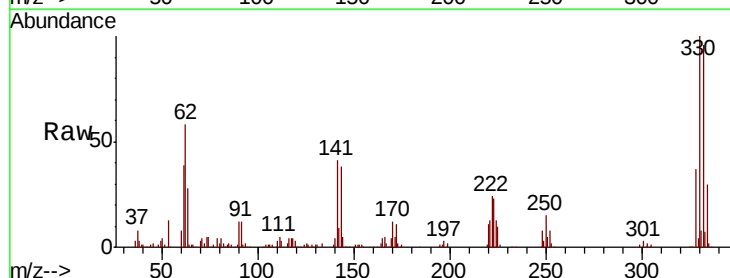
Tgt Ion:330 Resp: 186382

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

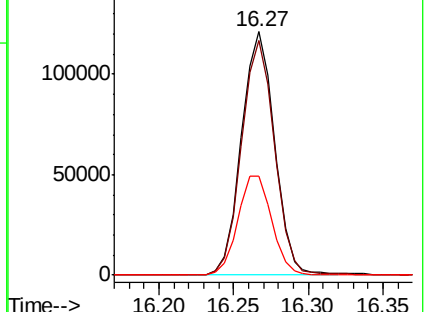
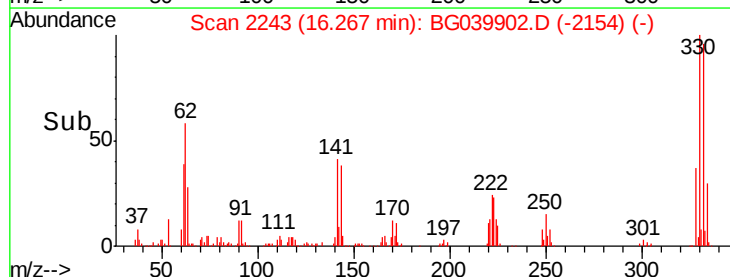
141 41.9 35.6 53.4

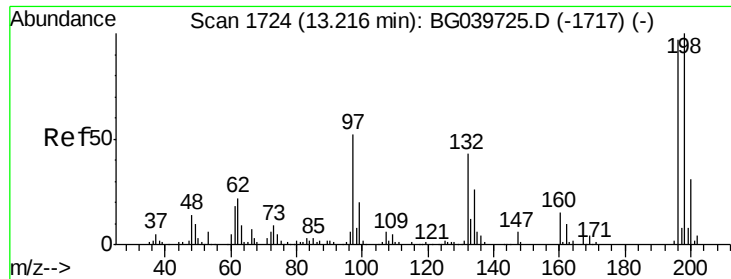


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

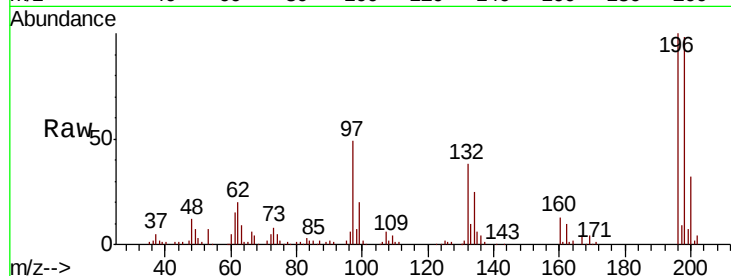




#43
 2,4,6-Trichlorophenol
 Concen: 45.175 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	196	Resp	105562
Ion Ratio	Lower	Upper	
196	100		
198	98.1	80.6	121.0
200	32.0	26.1	39.1

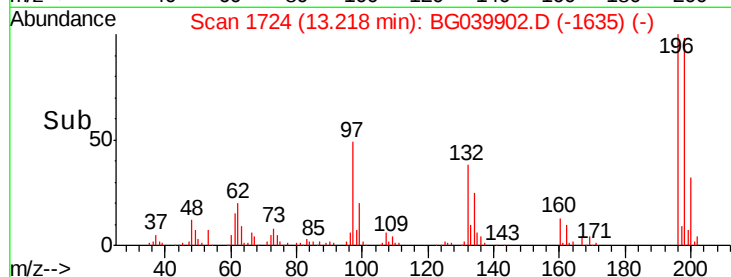
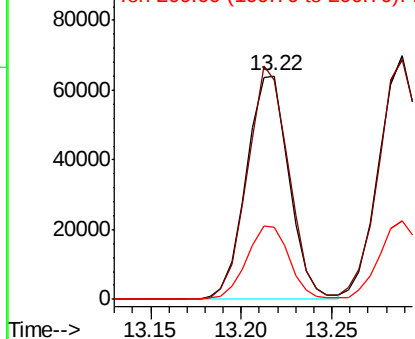


Abundance

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: 43.365 ng
 RT: 13.29 min Scan# 1736
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion	196	Resp	114221
Ion Ratio	Lower	Upper	
196	100		
198	98.6	78.5	117.7
97	47.5	38.4	57.6
132	25.3	19.2	28.8

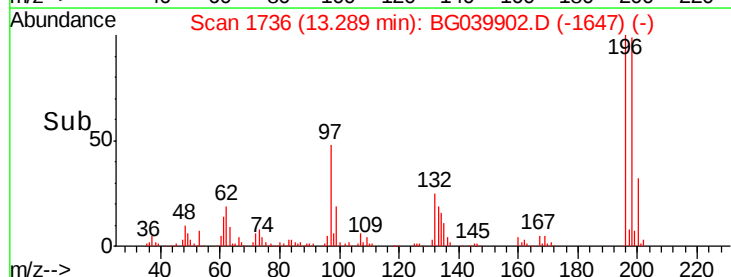
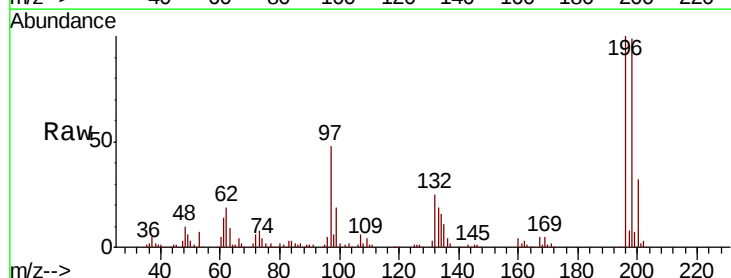
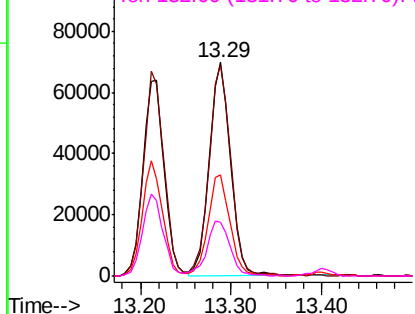
Abundance

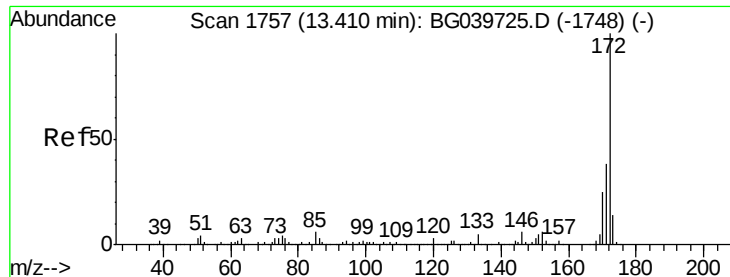
Ion 196.00 (195.70 to 196.70): E

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

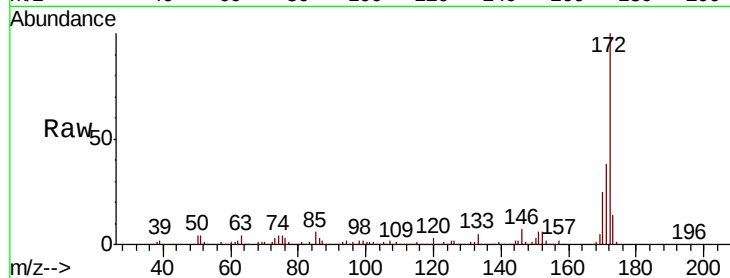




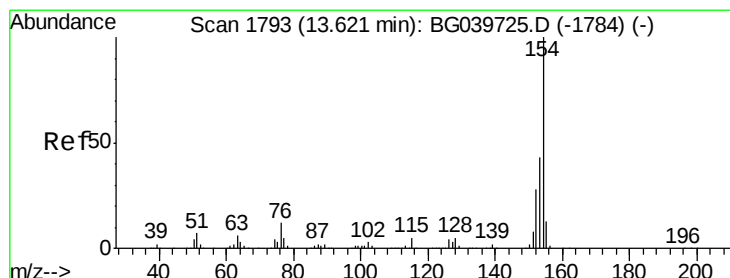
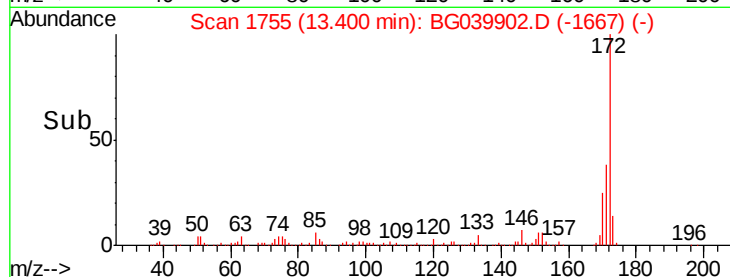
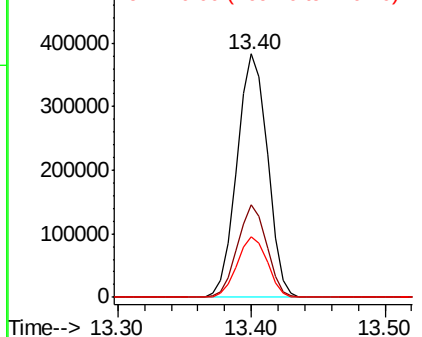
#45
 2-Fluorobiphenyl
 Concen: 73.047 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 604439
 Ion Ratio Lower Upper
 172 100
 171 37.8 30.8 46.2
 170 24.9 20.2 30.4

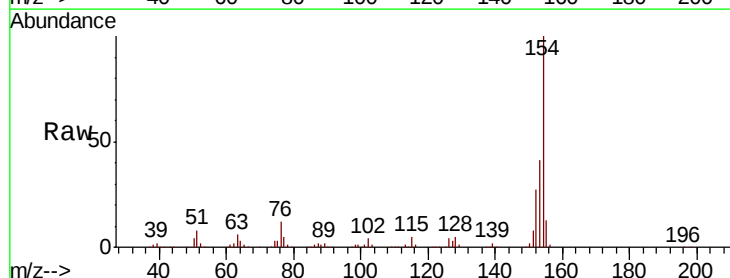


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

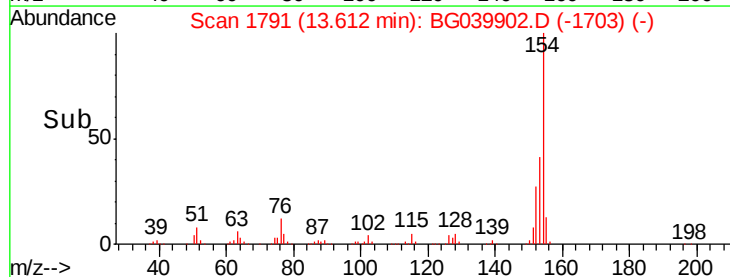
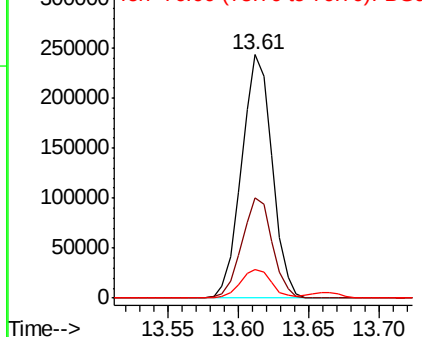


#46
 1,1'-Biphenyl
 Concen: 38.050 ng
 RT: 13.61 min Scan# 1791
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion:154 Resp: 368719
 Ion Ratio Lower Upper
 154 100
 153 41.2 22.1 62.1
 76 12.0 0.0 32.4



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

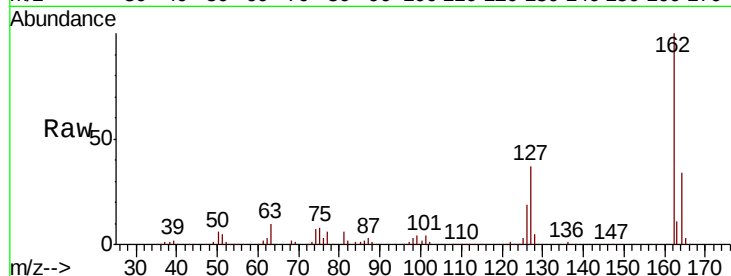




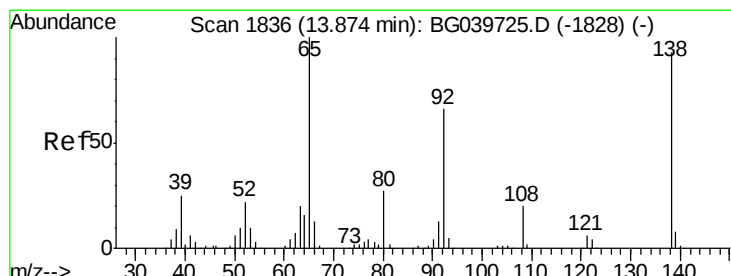
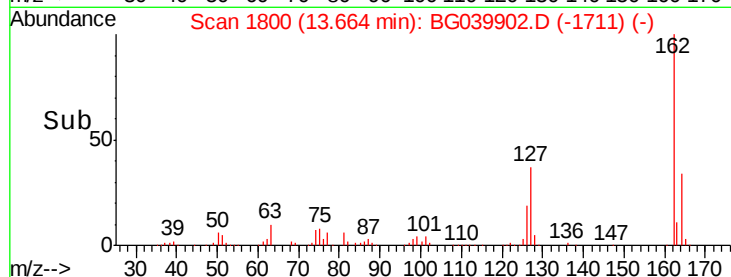
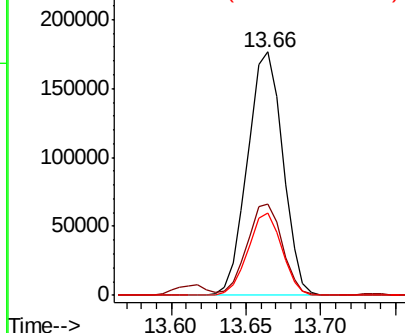
#47
2-Chloronaphthalene
Concen: 39.562 ng
RT: 13.66 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:162 Resp: 288406
Ion Ratio Lower Upper
162 100
127 37.3 31.0 46.6
164 34.1 25.7 38.5

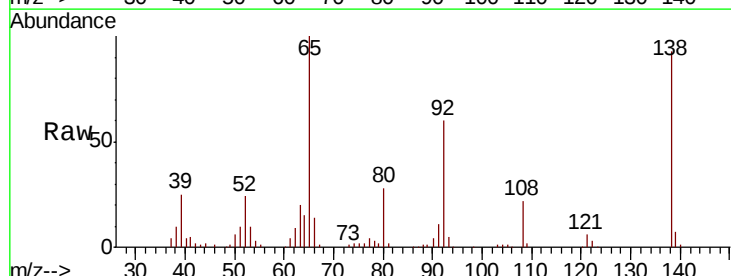


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

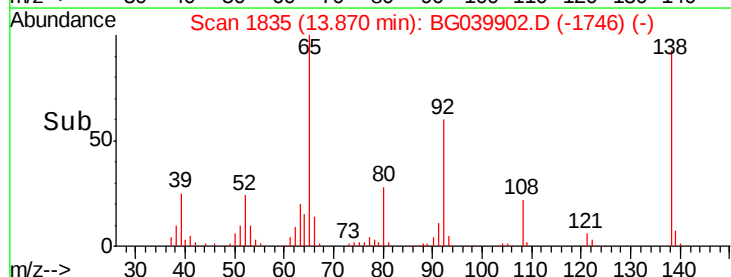
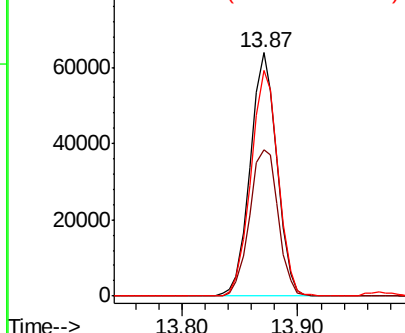


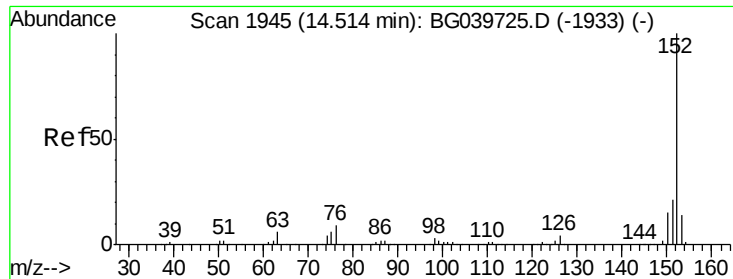
#48
2-Nitroaniline
Concen: 43.828 ng
RT: 13.87 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion: 65 Resp: 102678
Ion Ratio Lower Upper
65 100
92 60.1 51.4 77.2
138 92.5 71.4 107.2



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





#49

Acenaphthylene

Concen: 38.377 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

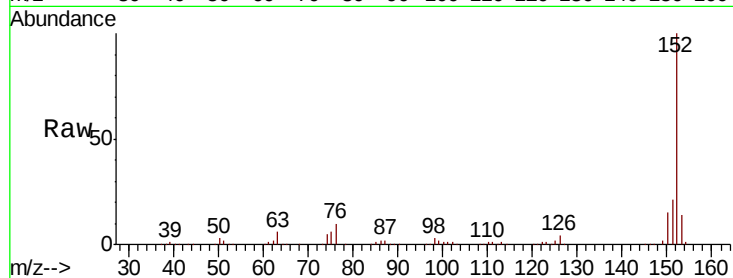
Tot Ion:152 Resp: 459259

Ion Ratio Lower Upper

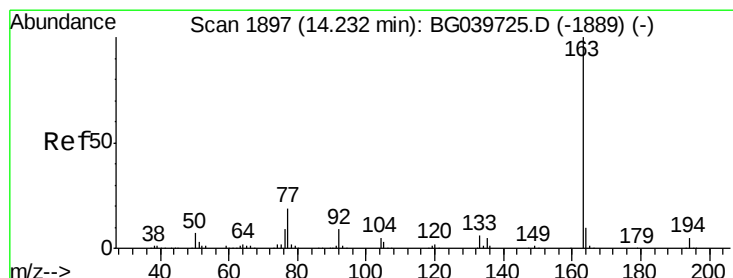
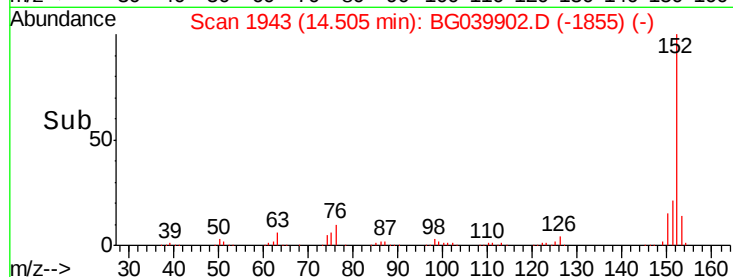
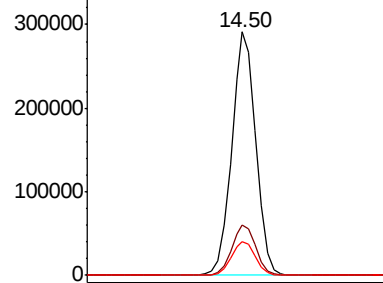
152 100

151 20.7 16.8 25.2

153 13.9 11.7 17.5



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



#50

Dimethylphthalate

Concen: 39.044 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

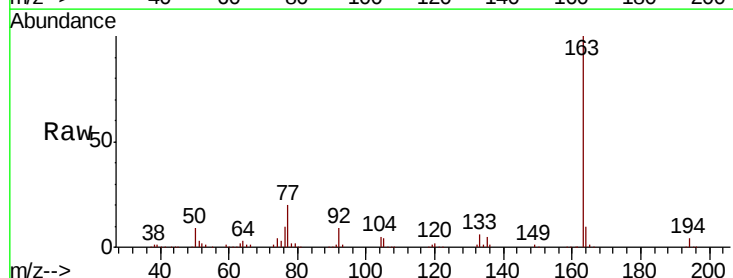
Tgt Ion:163 Resp: 384656

Ion Ratio Lower Upper

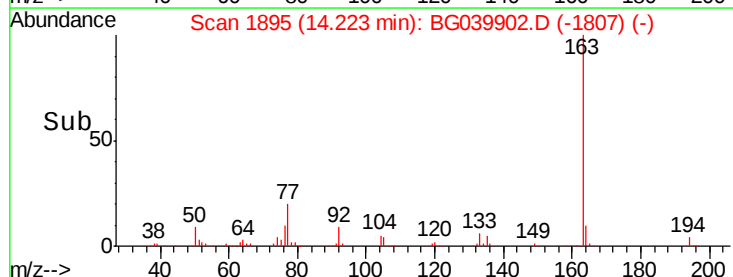
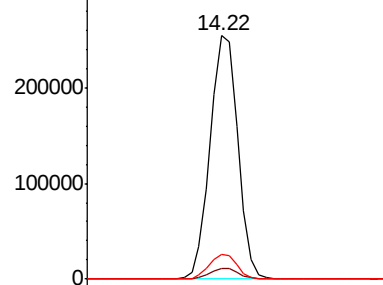
163 100

194 4.4 3.6 5.4

164 10.3 8.4 12.6



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

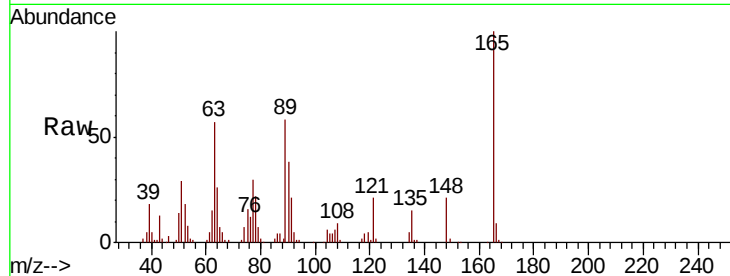




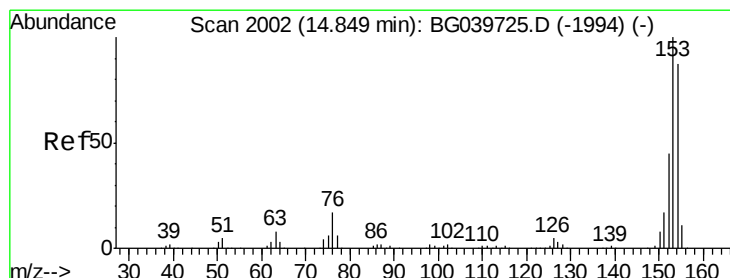
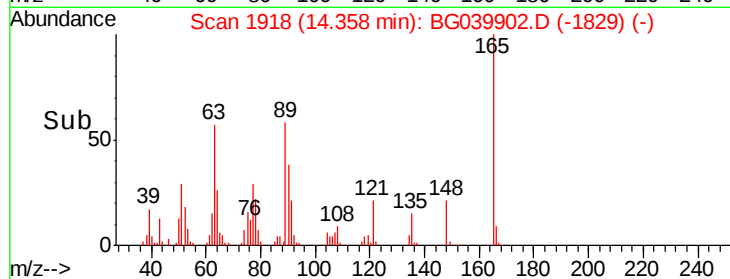
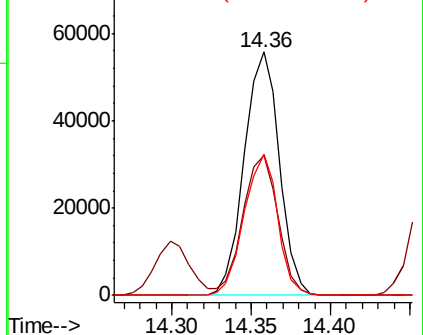
#51
 2,6-Dinitrotoluene
 Concen: 41.062 ng
 RT: 14.36 min Scan# 1918
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 85759
 Ion Ratio Lower Upper
 165 100
 63 57.2 47.0 70.6
 89 58.0 45.8 68.8

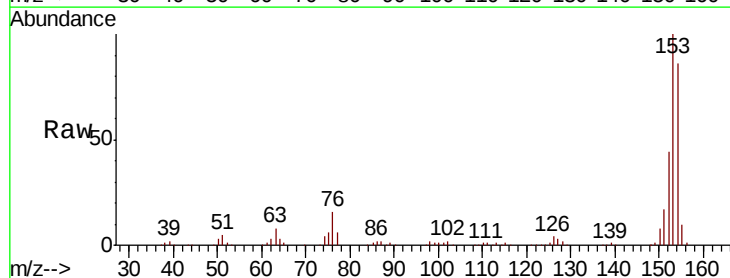


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

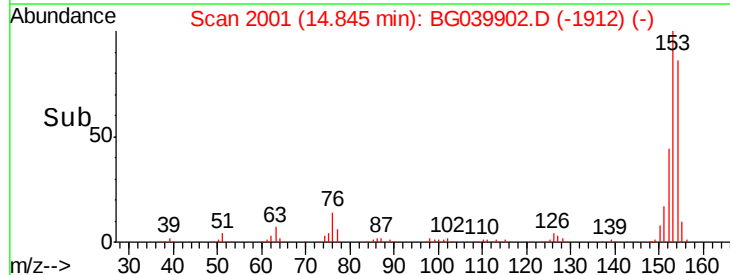
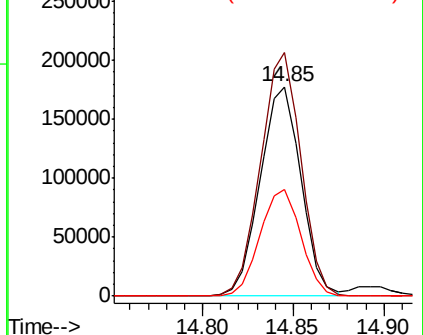


#52
 Acenaphthene
 Concen: 38.640 ng
 RT: 14.85 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion:154 Resp: 278315
 Ion Ratio Lower Upper
 154 100
 153 116.1 90.1 135.1
 152 50.8 40.9 61.3



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





#53

3-Nitroaniline

Concen: 29.677 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

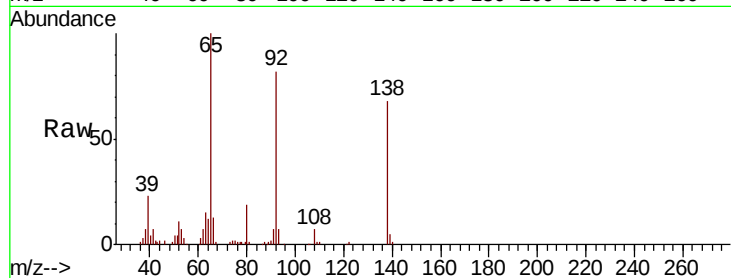
Tot Ion:138 Resp: 62305

Ion Ratio Lower Upper

138 100

108 9.7 13.8 20.8#

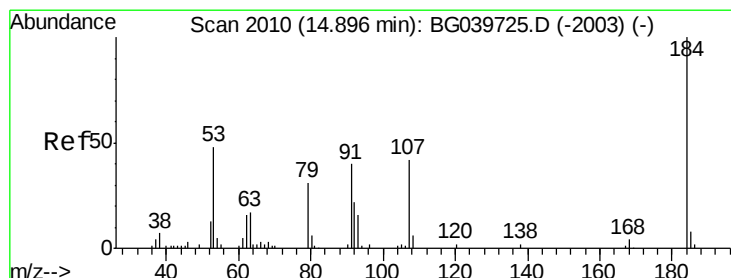
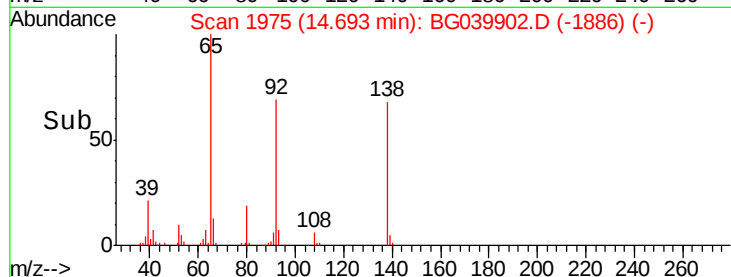
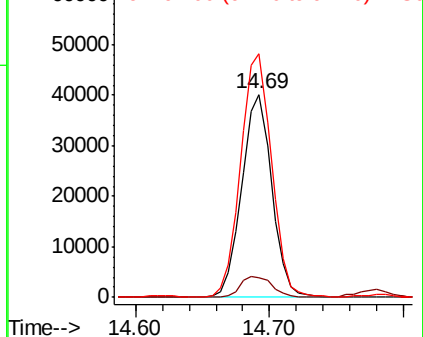
92 119.9 103.7 155.5



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 21.348 ng

RT: 14.89 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

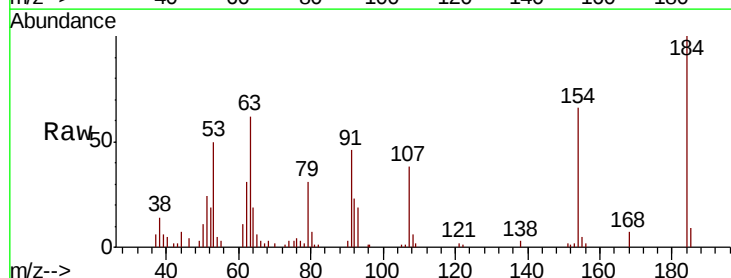
Tgt Ion:184 Resp: 22685

Ion Ratio Lower Upper

184 100

63 62.5 50.9 76.3

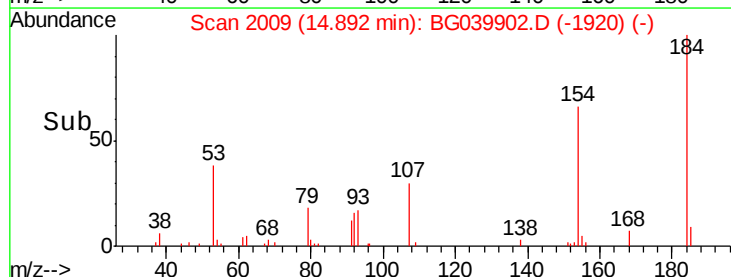
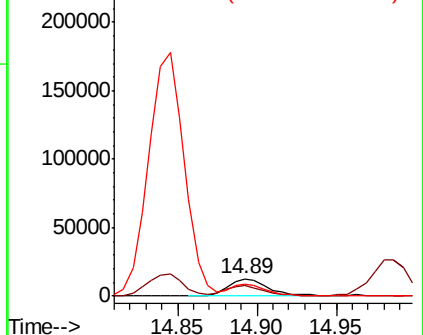
154 65.6 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

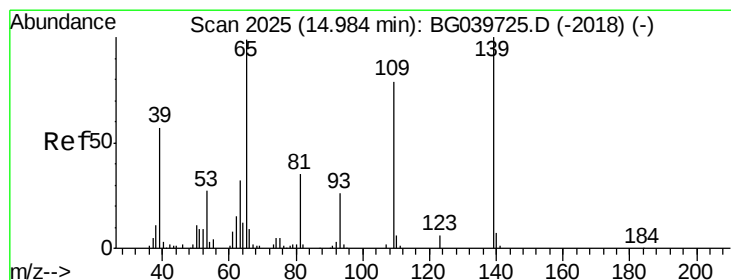
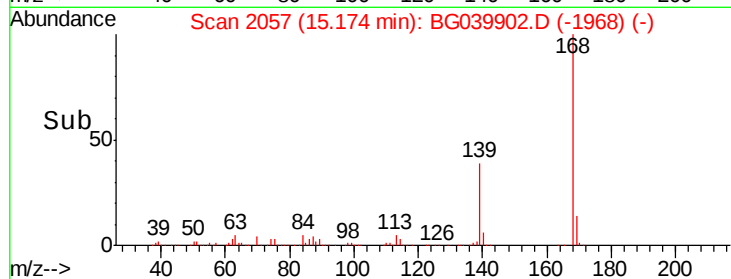
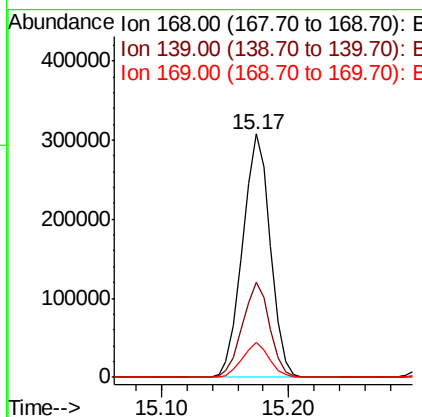
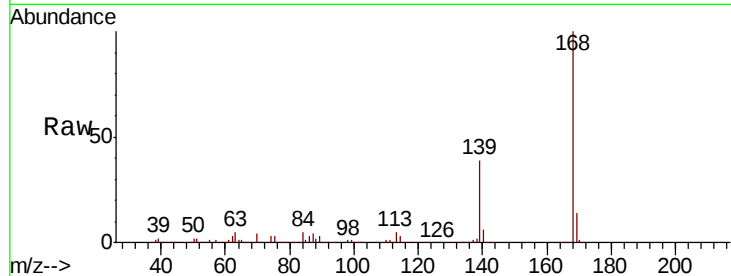




#55
Dibenzenofuran
Concen: 39.344 ng
RT: 15.17 min Scan# 2057
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

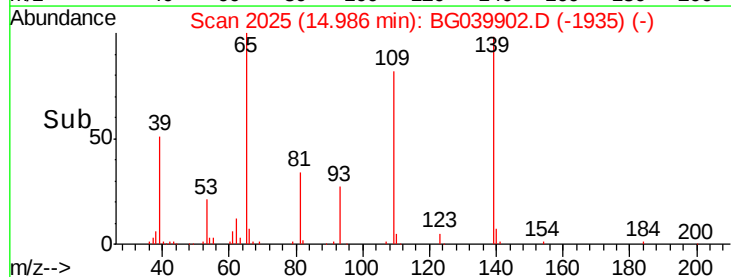
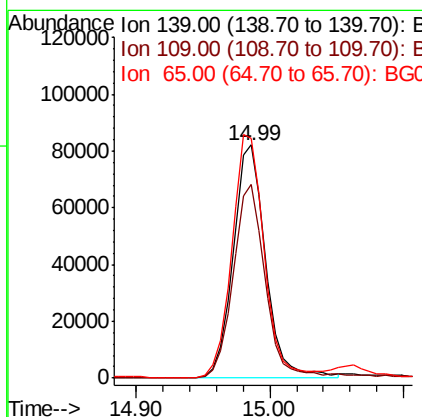
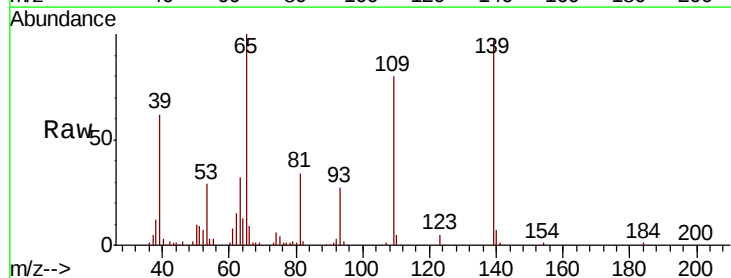
Instrument :
BNA_G
ClientSampleId :

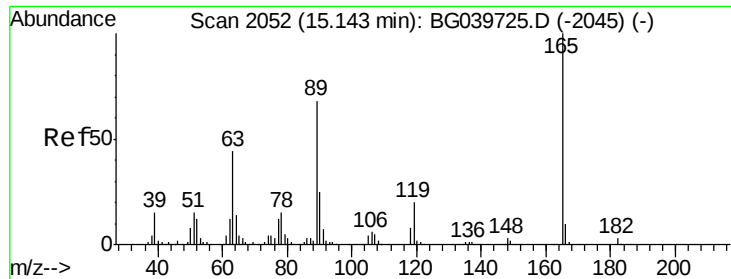
Tot Ion	Ratio	Lower	Upper
168	100		
139	39.2	30.1	45.1
169	14.2	10.6	16.0



#56
4-Nitrophenol
Concen: 73.619 ng
RT: 14.99 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	82.8	61.9	101.9
65	103.0	99.1	139.1

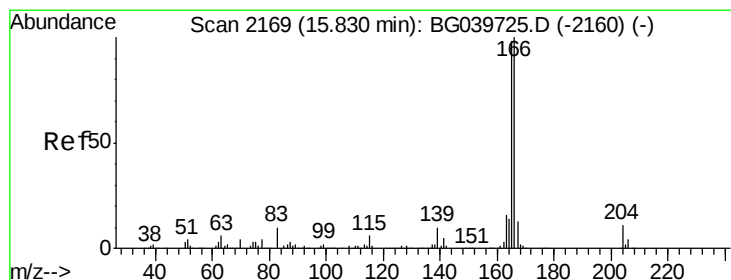
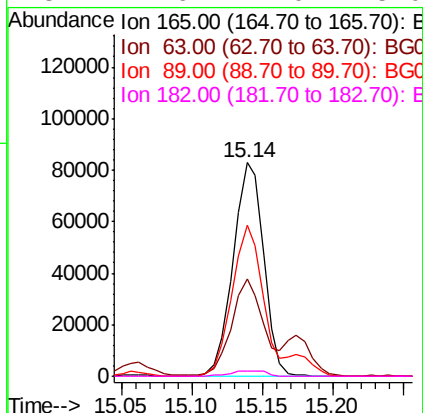
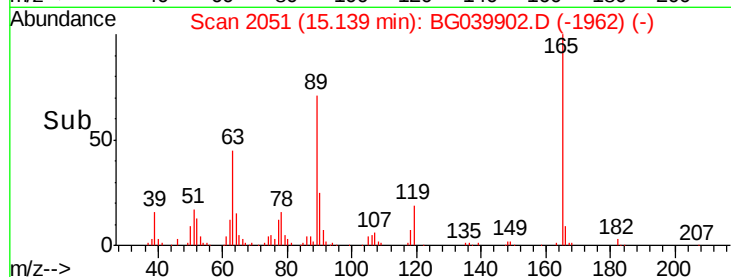
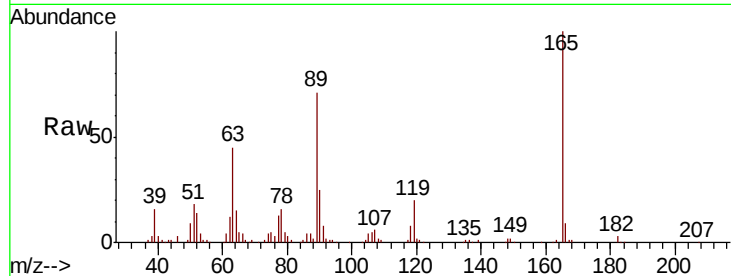




#57
2,4-Dinitrotoluene
Concen: 42.552 ng
RT: 15.14 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

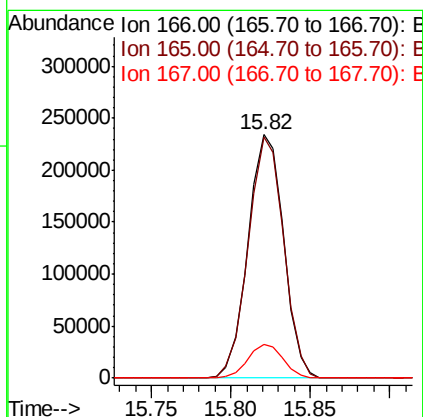
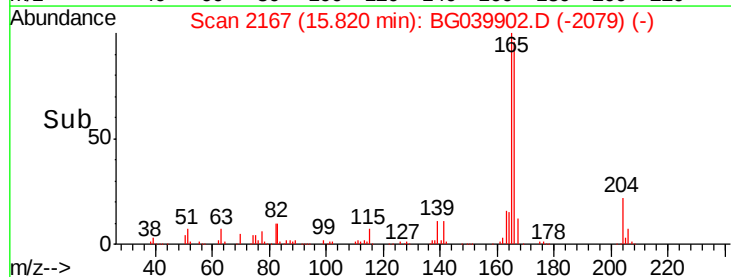
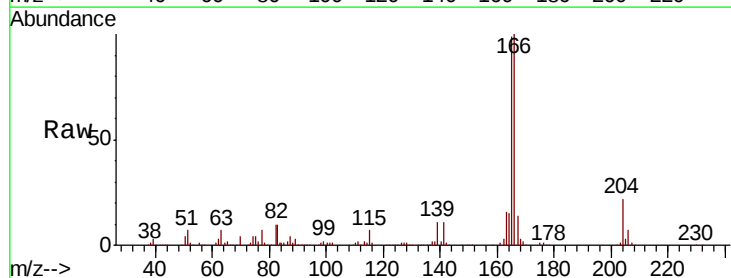
Instrument :
BNA_G
ClientSampleId :

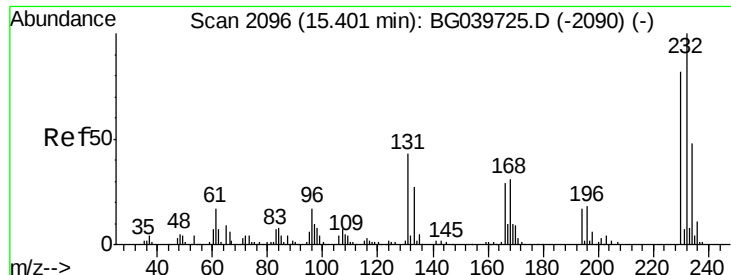
Tot Ion:165 Resp: 124874
Ion Ratio Lower Upper
165 100
63 45.4 41.0 61.6
89 70.9 64.6 96.8
182 2.6 2.0 3.0



#58
Fluorene
Concen: 39.381 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:166 Resp: 365854
Ion Ratio Lower Upper
166 100
165 98.8 77.9 116.9
167 13.8 10.8 16.2

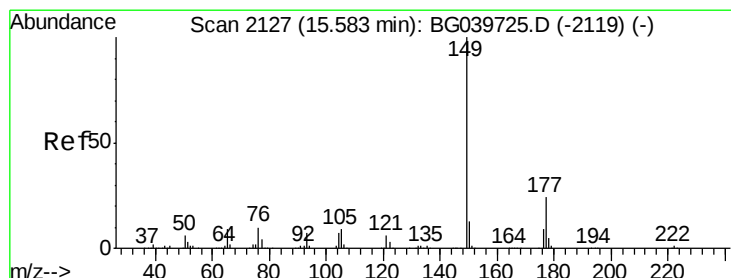
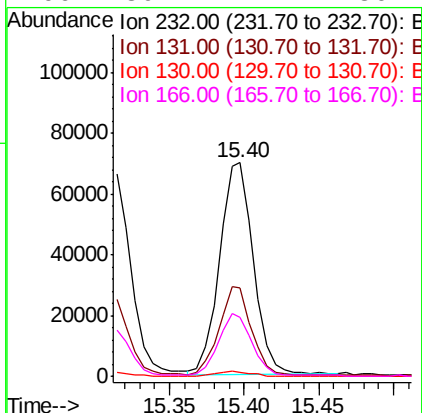
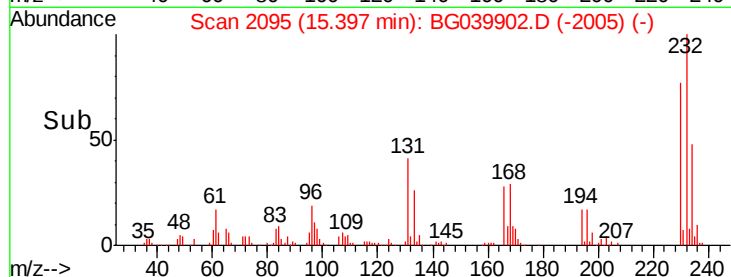
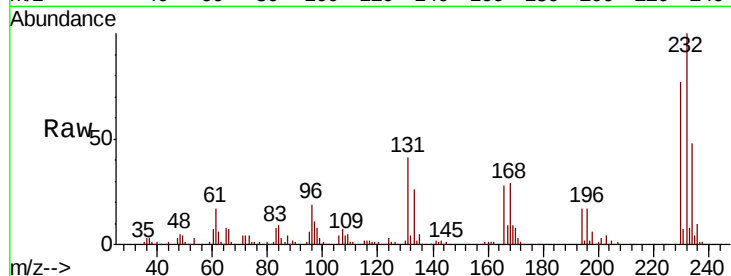




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.118 ng
RT: 15.40 min Scan# 2095
Delta R.T. -0.00 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

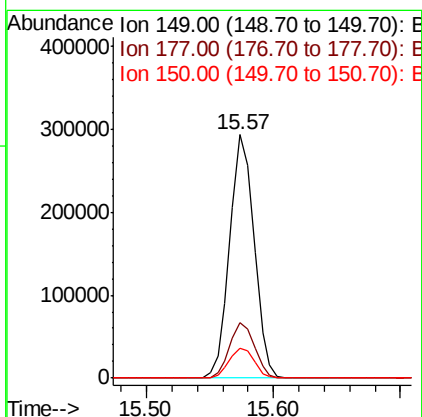
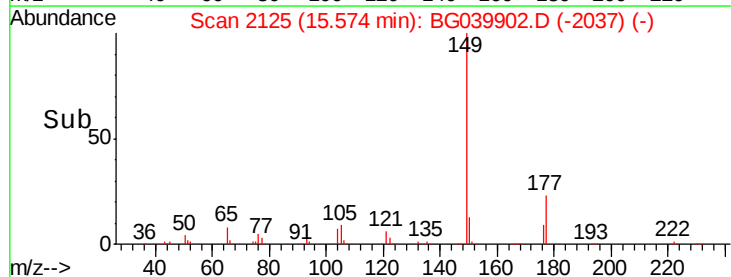
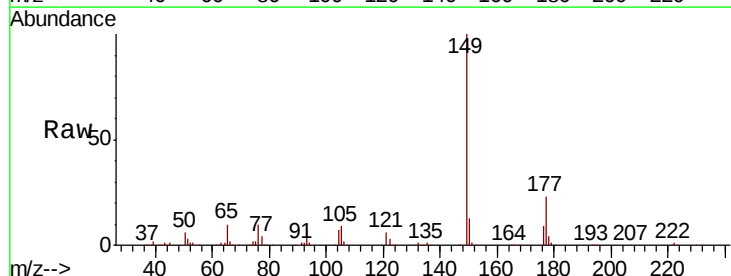
Instrument :
BNA_G
ClientSampleId :

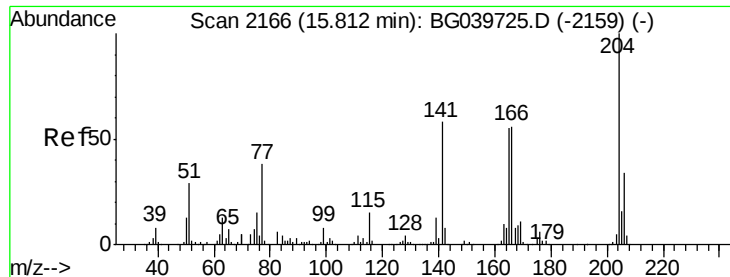
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.0	34.9	52.3
130	2.2	2.0	3.0
166	30.1	24.1	36.1



#60
Diethylphthalate
Concen: 40.070 ng
RT: 15.57 min Scan# 2125
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.0	18.3	27.5
150	12.5	10.2	15.2

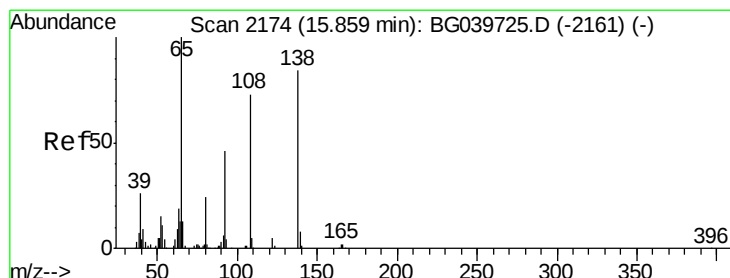
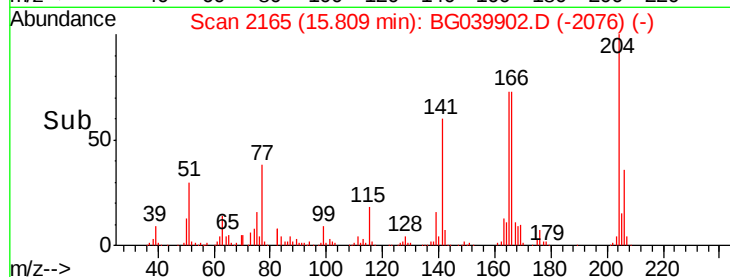
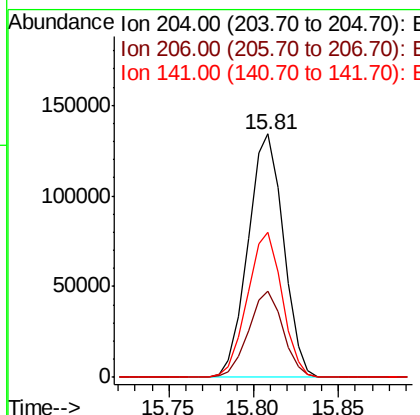
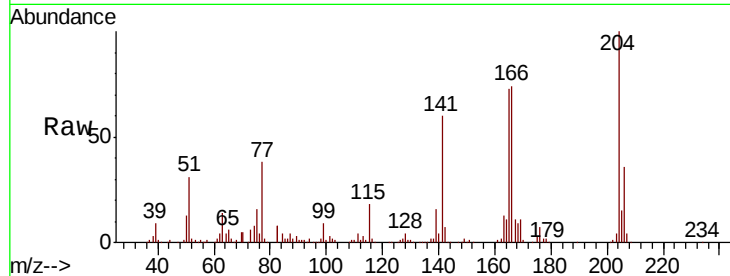




#61
4-Chlorophenyl-phenylether
Concen: 39.601 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

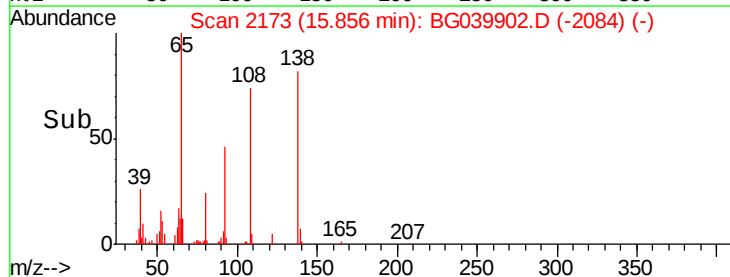
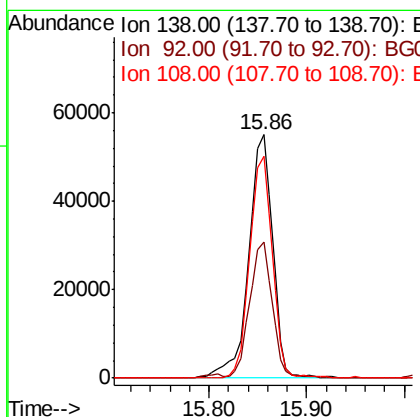
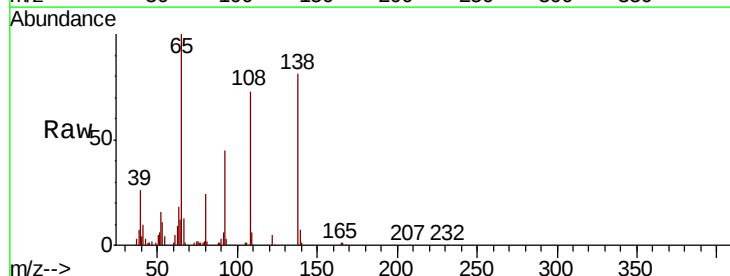
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.6	29.2	43.8
141	59.6	49.0	73.4



#62
4-Nitroaniline
Concen: 41.415 ng
RT: 15.86 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.8	38.7	78.7
108	91.1	74.6	114.6

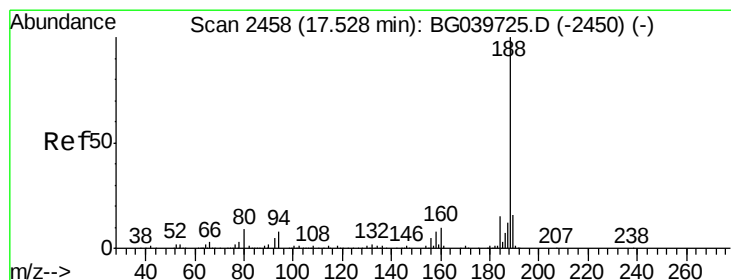
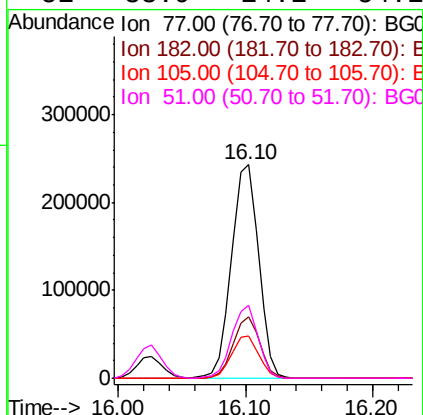
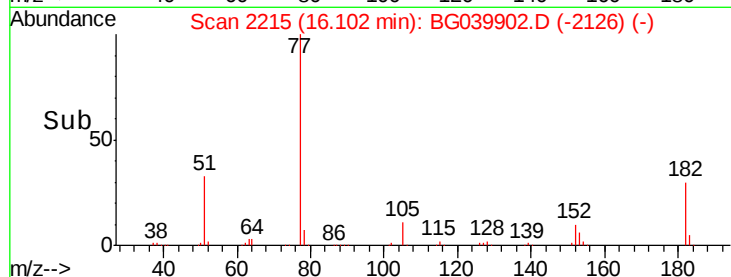
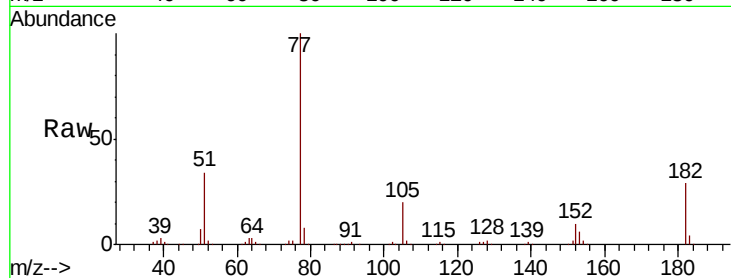




#63
Azobenzene
Concen: 40.721 ng
RT: 16.10 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

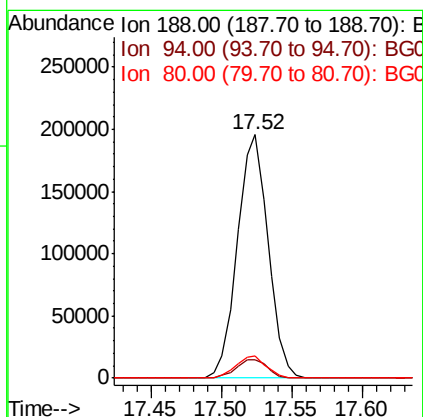
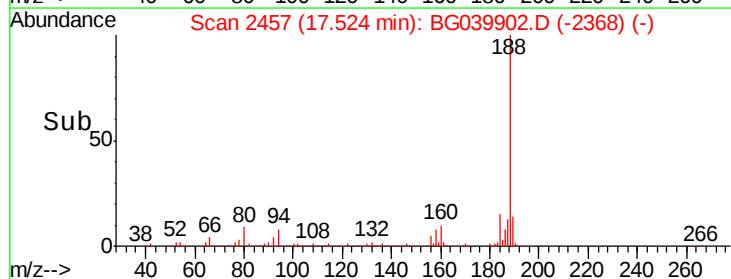
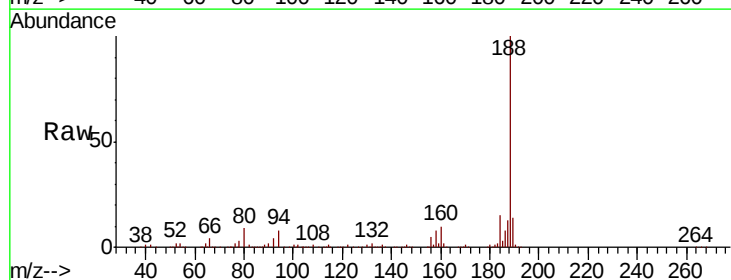
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	28.8	6.4	46.4
105	20.0	0.0	39.8
51	33.9	14.1	54.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.9	10.3
80	8.9	8.1	12.1





#65

4,6-Dinitro-2-methylphenol

Concen: 19.426 ng

RT: 15.90 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

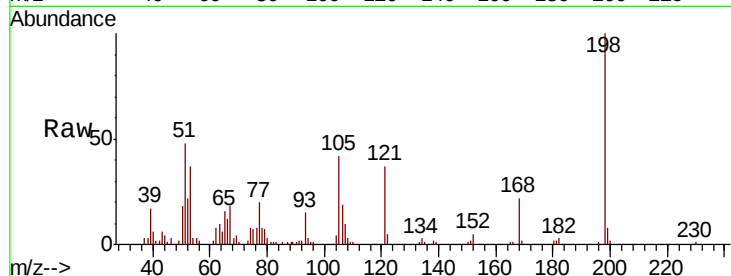
Instrument :

BNA_G

ClientSampled :

Tot Ion:198 Resp: 34158

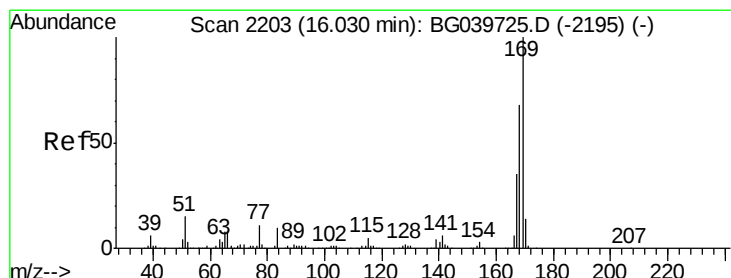
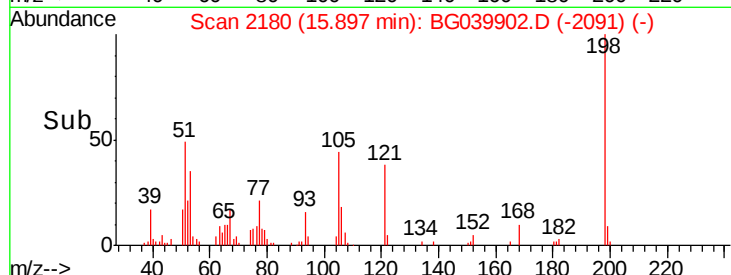
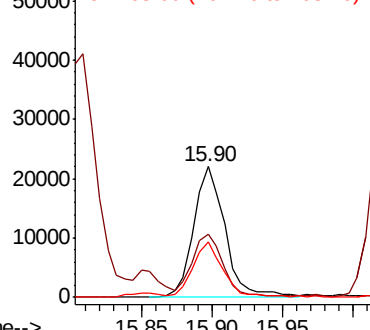
Ion	Ratio	Lower	Upper
198	100		
51	48.1	27.4	67.4
105	42.4	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039902.D (-2113) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.767 ng

RT: 16.03 min Scan# 2202

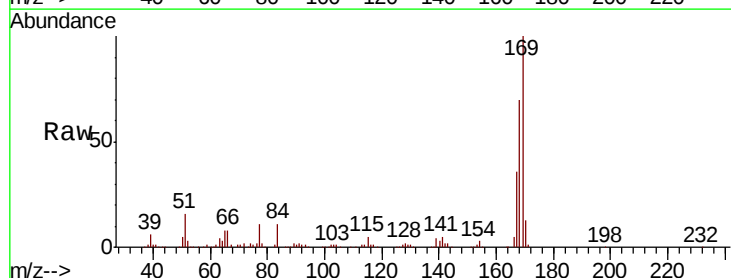
Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Tgt Ion:169 Resp: 342369

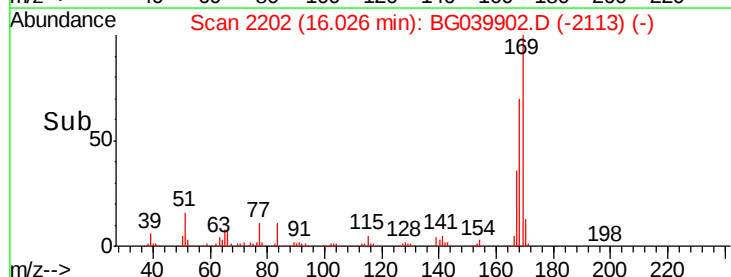
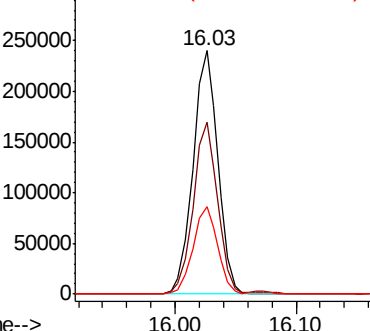
Ion	Ratio	Lower	Upper
169	100		
168	70.4	56.6	85.0
167	35.8	28.8	43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

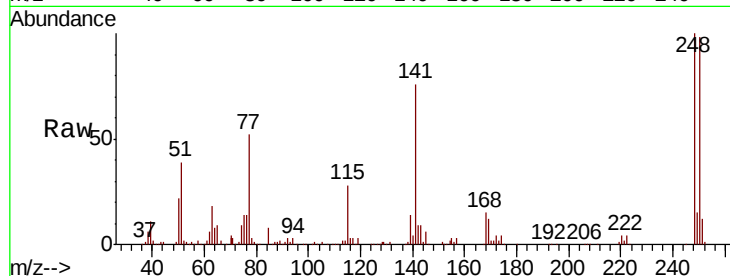




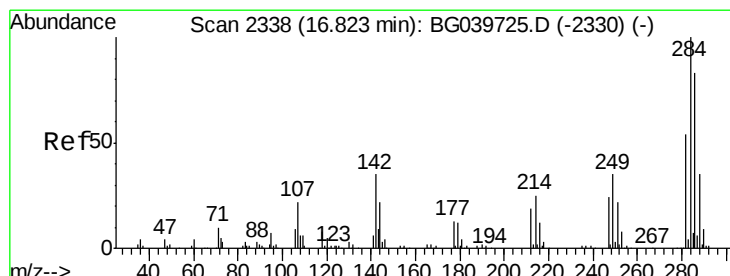
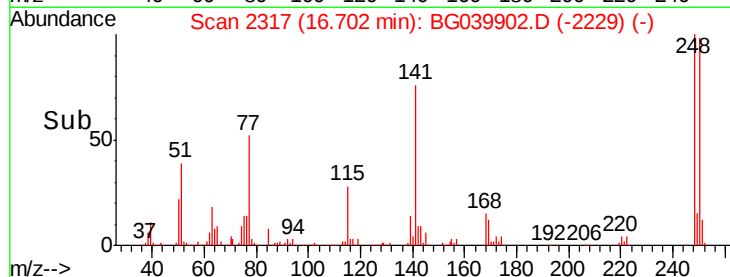
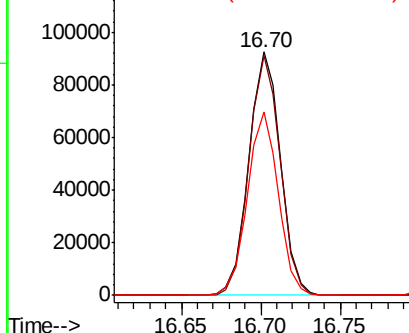
#67
 4-Bromophenyl-phenylether
 Concen: 38.452 ng
 RT: 16.70 min Scan# 2317
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:248 Resp: 127998
 Ion Ratio Lower Upper
 248 100
 250 98.4 77.6 116.4
 141 75.6 63.9 95.9

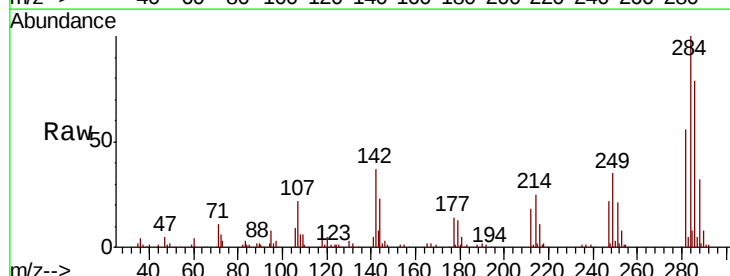


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

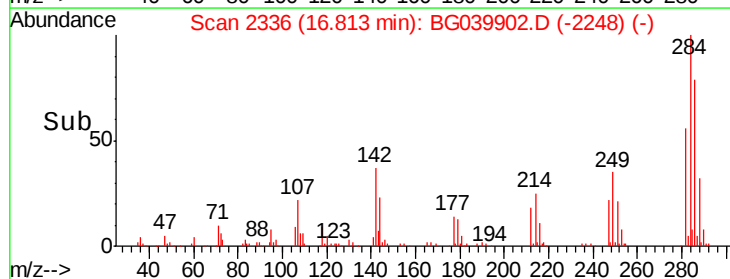
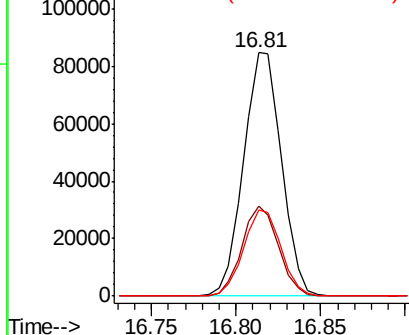


#68
 Hexachlorobenzene
 Concen: 38.255 ng
 RT: 16.81 min Scan# 2336
 Delta R.T. -0.02 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion:284 Resp: 131998
 Ion Ratio Lower Upper
 284 100
 142 36.8 30.6 45.8
 249 35.4 28.2 42.2



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

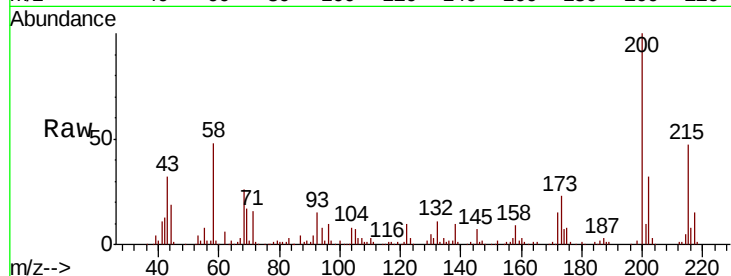




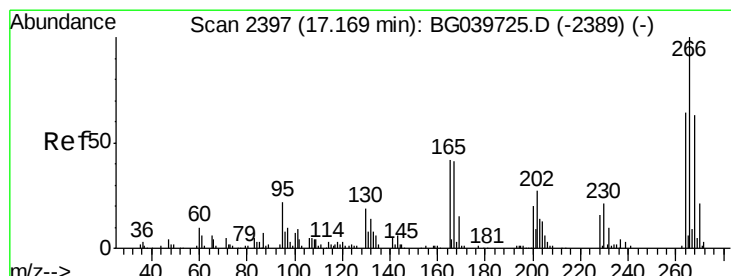
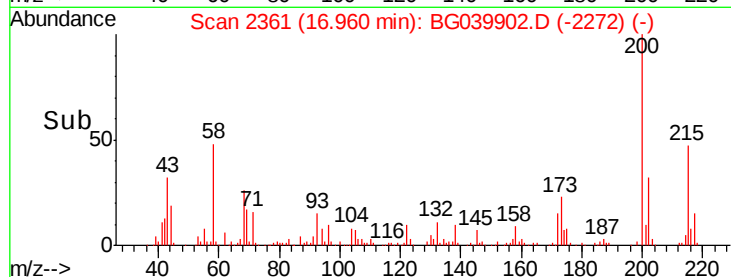
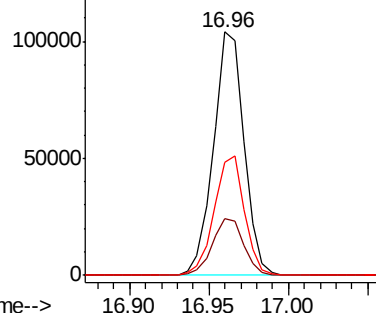
#69
 Atrazine
 Concen: 41.003 ng
 RT: 16.96 min Scan# 2361
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.3	3.9	43.9
215	46.6	30.9	70.9

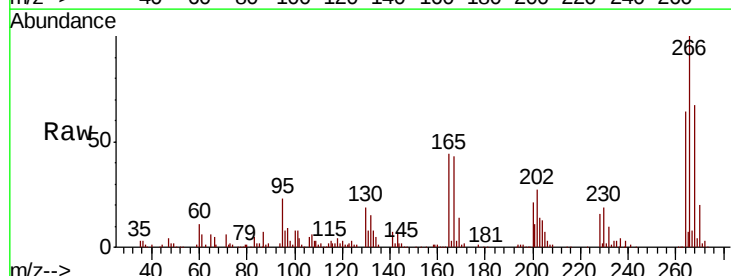


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

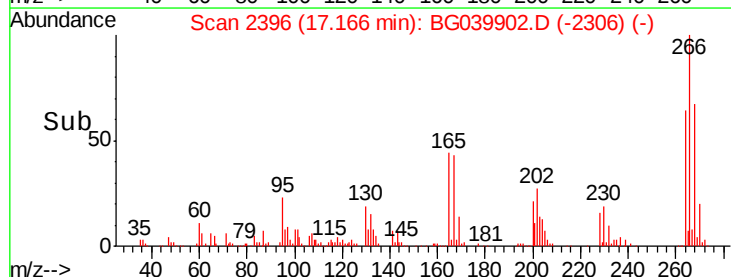
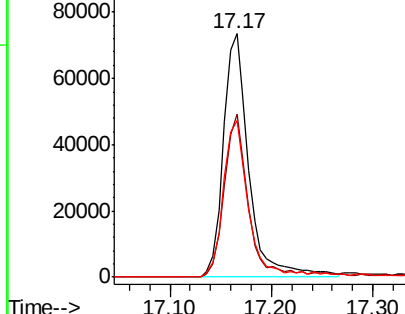


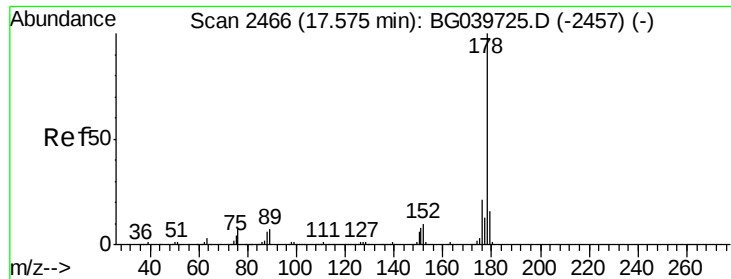
#70
 Pentachlorophenol
 Concen: 58.838 ng
 RT: 17.17 min Scan# 2396
 Delta R.T. -0.00 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	64.3	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

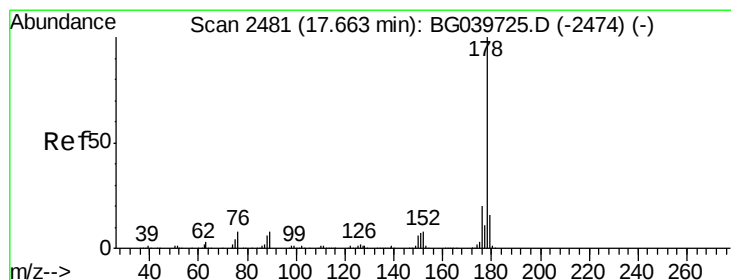
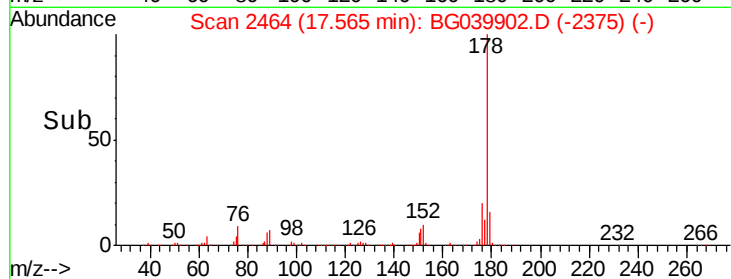
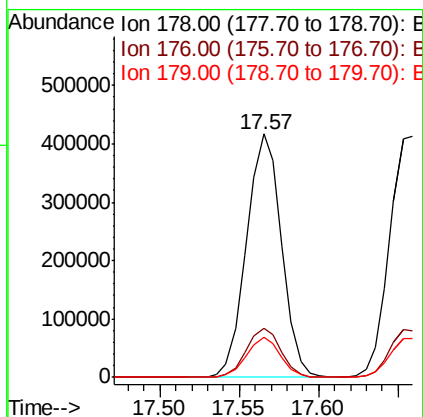
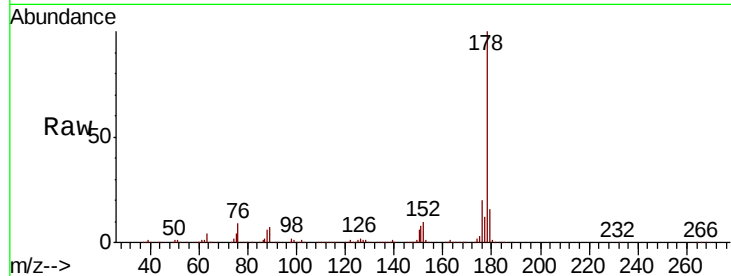




#71
Phenanthrene
Concen: 38.974 ng
RT: 17.57 min Scan# 2464
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

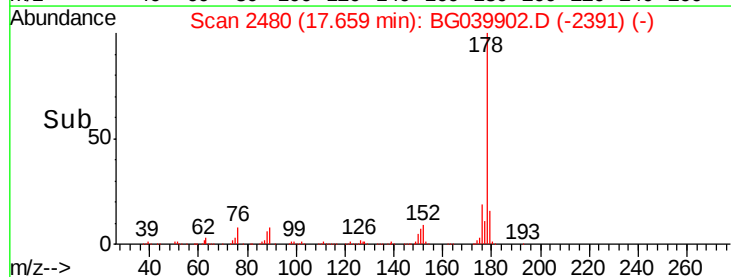
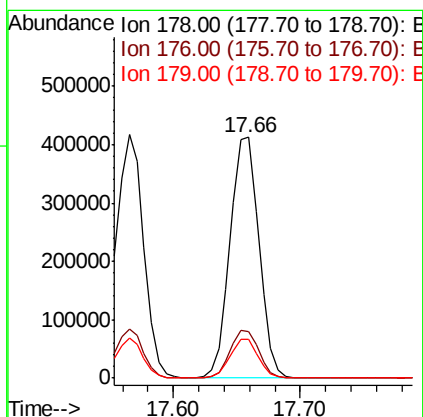
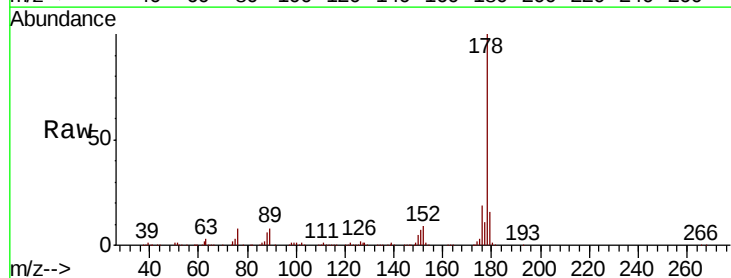
Instrument :
BNA_G
ClientSampleId :

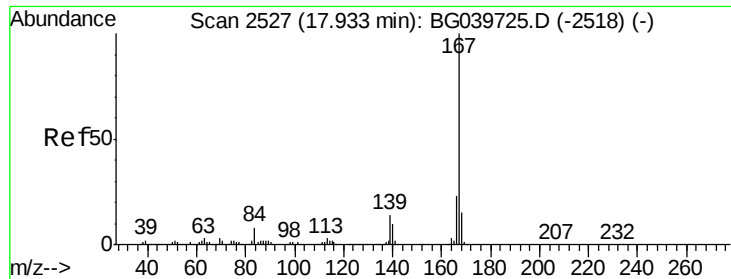
Tot Ion:178 Resp: 638408
Ion Ratio Lower Upper
178 100
176 20.3 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 40.612 ng
RT: 17.66 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:178 Resp: 648272
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 16.1 12.5 18.7

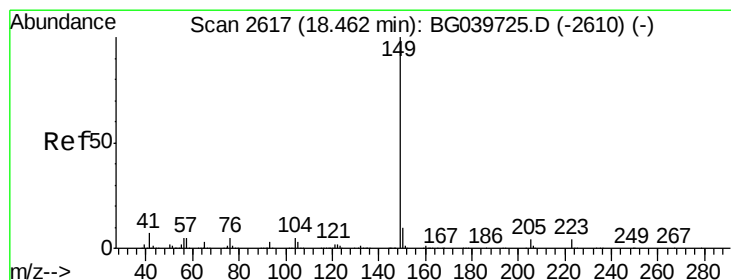
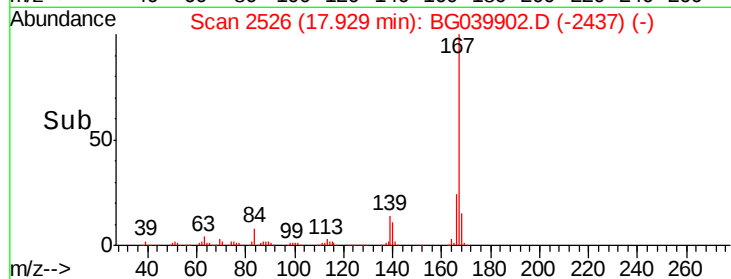
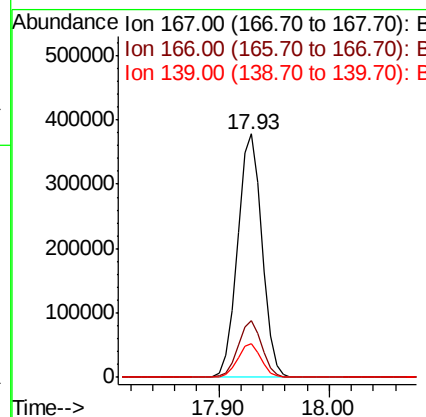
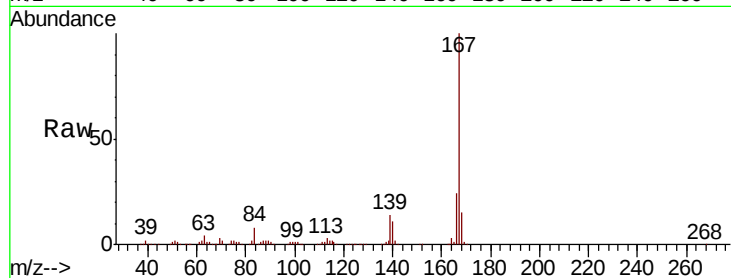




#73
 Carbazole
 Concen: 40.581 ng
 RT: 17.93 min Scan# 2526
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

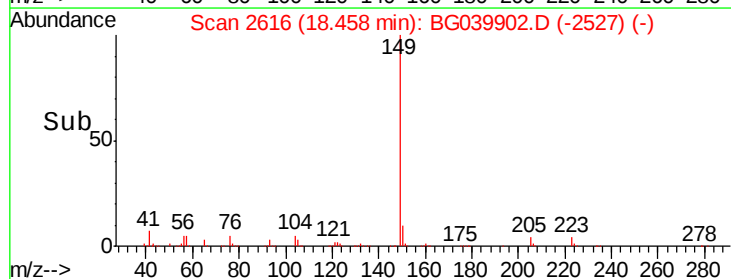
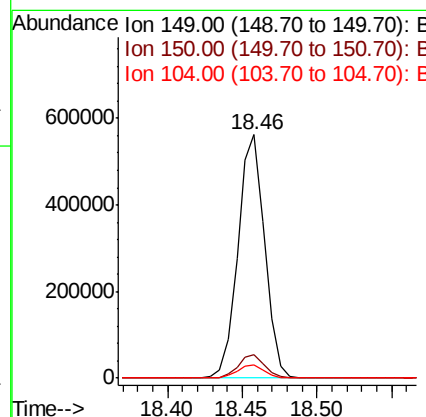
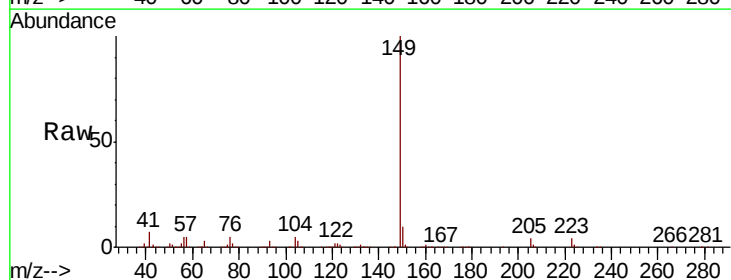
Instrument :
 BNA_G
 ClientSampleId :

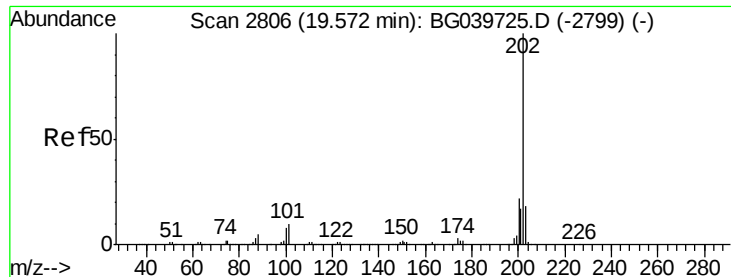
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	14.0	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 41.374 ng
 RT: 18.46 min Scan# 2616
 Delta R.T. -0.01 min
 Lab File: BG039902.D
 Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.4	4.5	6.7





#75

Fluoranthene

Concen: 41.248 ng

RT: 19.57 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

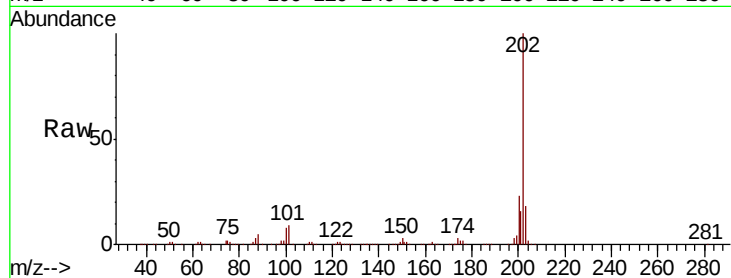
Tot Ion:202 Resp: 798497

Ion Ratio Lower Upper

202 100

101 9.3 0.0 30.0

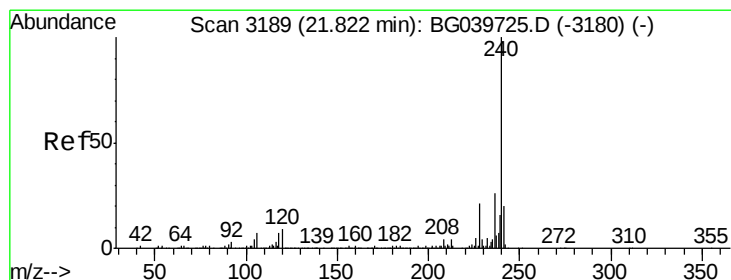
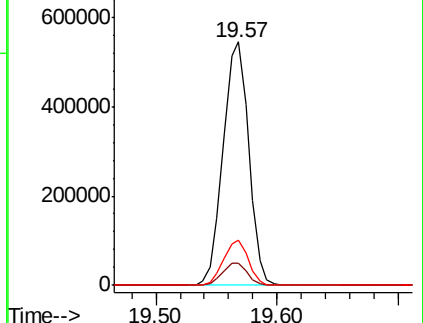
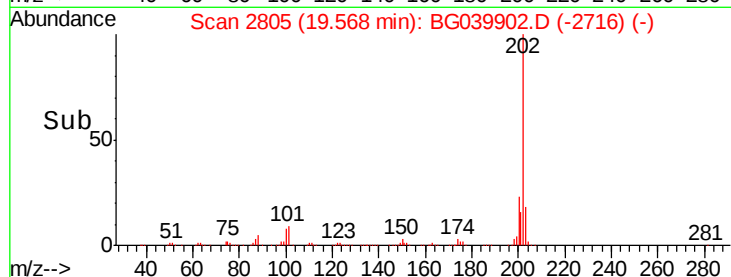
203 18.4 0.0 38.9



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: BG039902.D

Acq: 13 Mar 2019 10:04

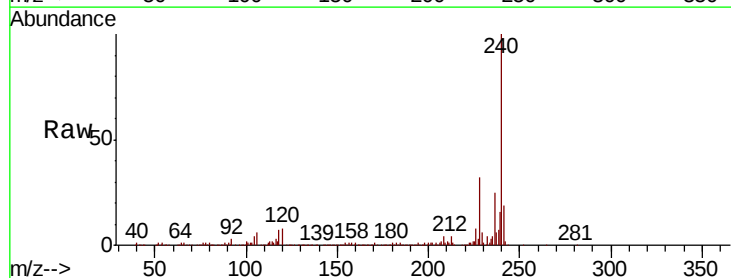
Tgt Ion:240 Resp: 320456

Ion Ratio Lower Upper

240 100

120 8.3 7.0 10.6

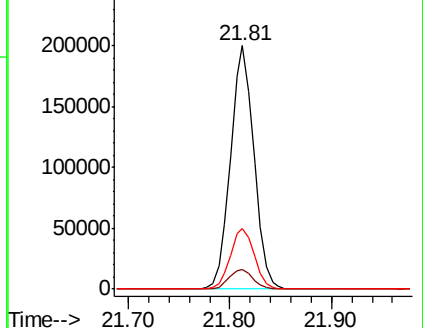
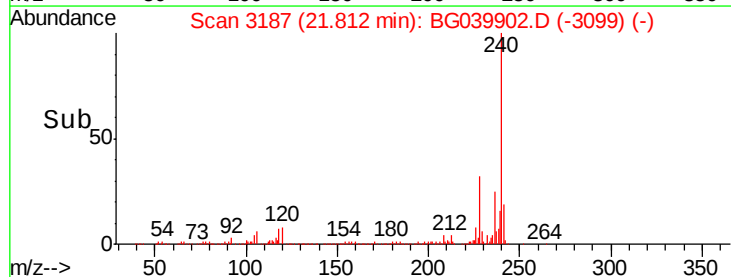
236 24.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.577 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

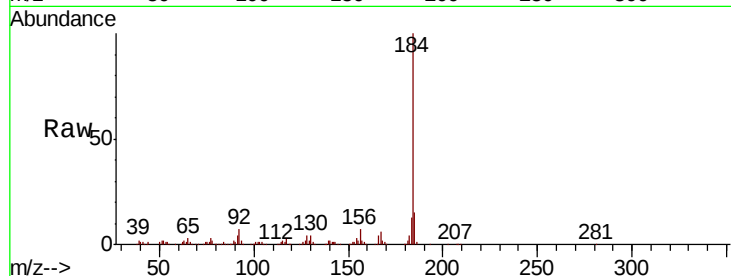
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 249920

Ion	Ratio	Lower	Upper
184	100		
185	15.4	12.2	18.2
183	12.6	10.6	15.8

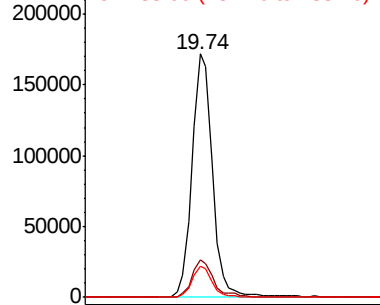


Abundance

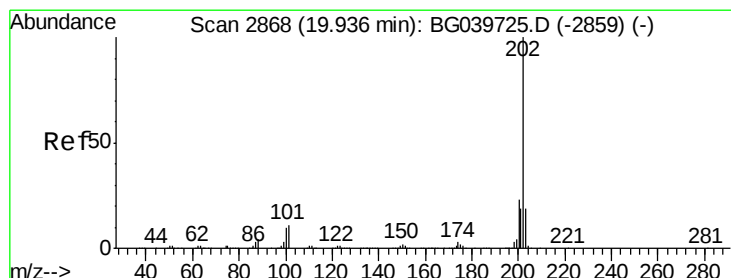
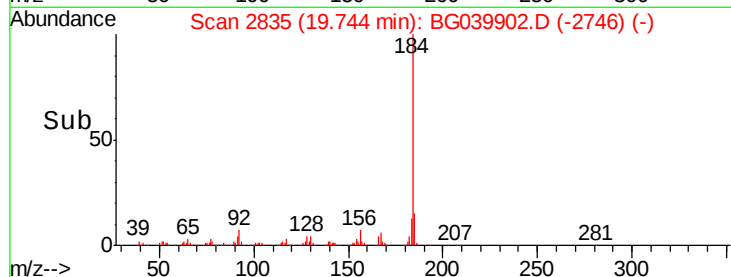
Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 38.057 ng

RT: 19.93 min Scan# 2866

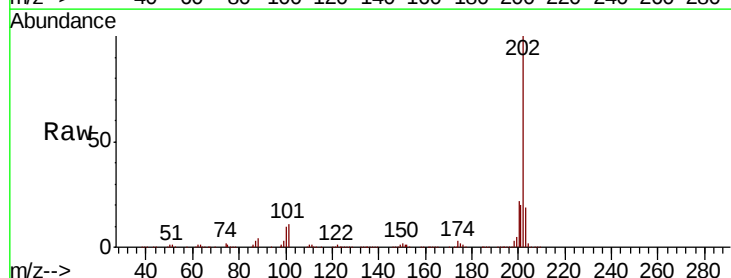
Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Tgt Ion:202 Resp: 792475

Ion	Ratio	Lower	Upper
202	100		
200	22.2	17.8	26.8
203	18.9	15.3	22.9

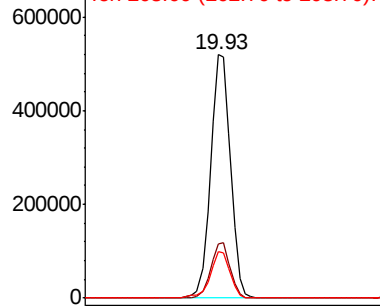


Abundance

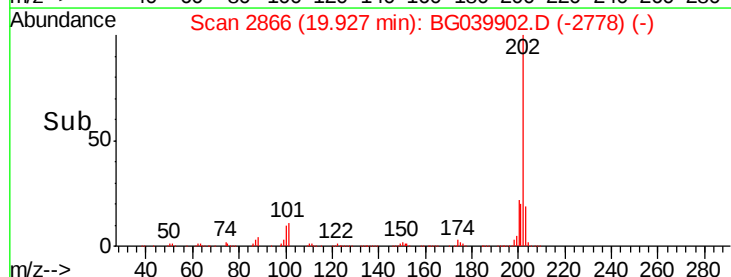
Ion 202.00 (201.70 to 202.70): E

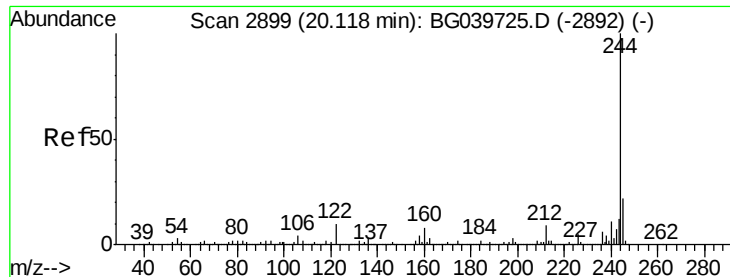
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->





#79

Terphenyl-d14

Concen: 74.076 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampled :

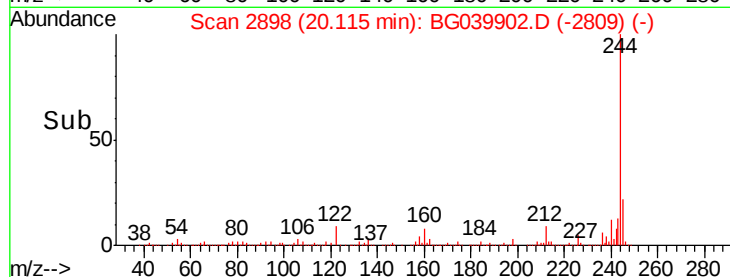
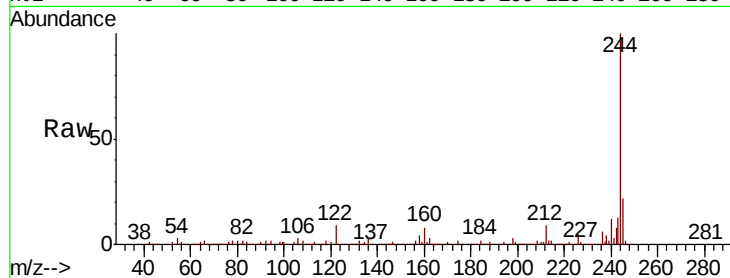
Tot Ion:244 Resp: 1078119

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

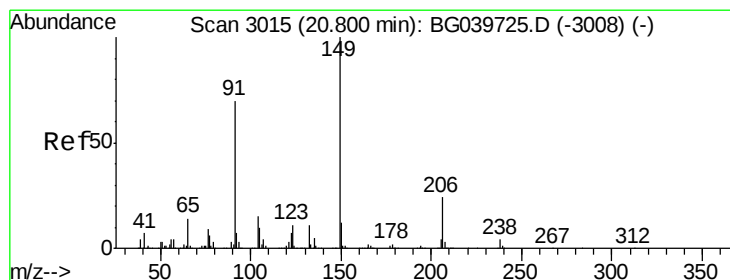
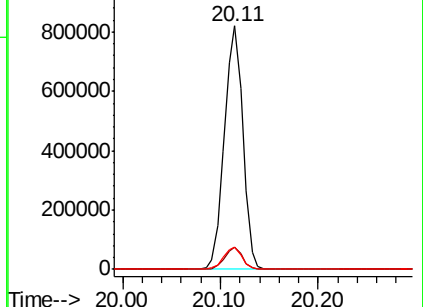
122 9.1 8.4 12.6



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: 41.500 ng

RT: 20.80 min Scan# 3014

Delta R.T. -0.01 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

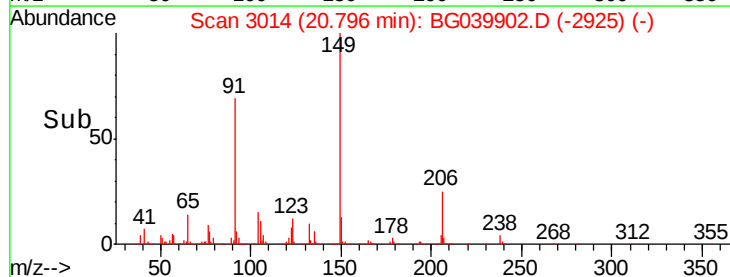
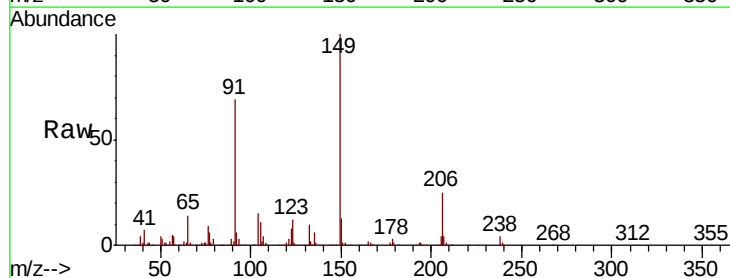
Tgt Ion:149 Resp: 334801

Ion Ratio Lower Upper

149 100

91 69.3 59.5 89.3

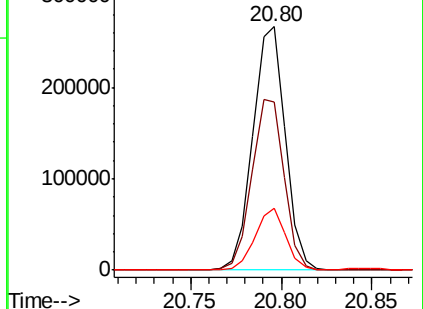
206 25.2 18.6 27.8



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: 38.231 ng

RT: 21.79 min Scan# 3183

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

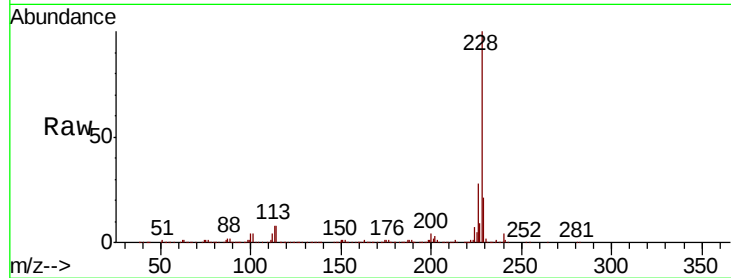
Instrument :

BNA_G

ClientSampled :

Tot Ion:228 Resp: 767830

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	20.9	16.9	25.3

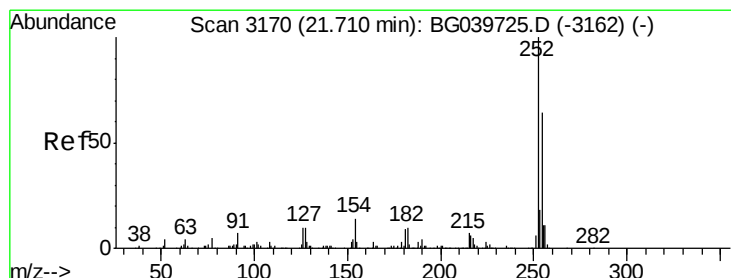
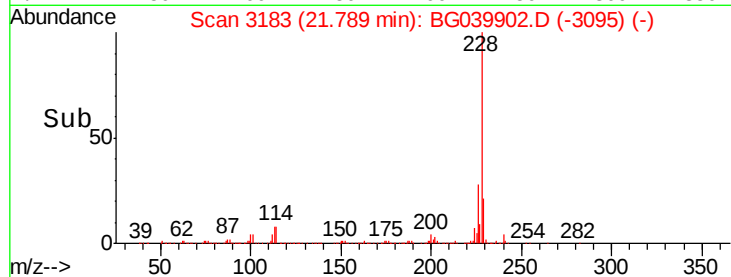
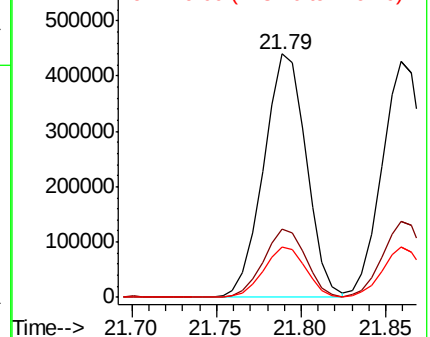


Abundance

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: 25.590 ng

RT: 21.70 min Scan# 3168

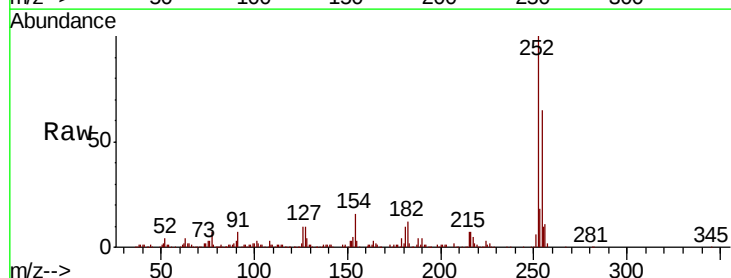
Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Tgt Ion:252 Resp: 187640

Ion	Ratio	Lower	Upper
252	100		
254	64.9	51.3	76.9
126	9.8	8.0	12.0

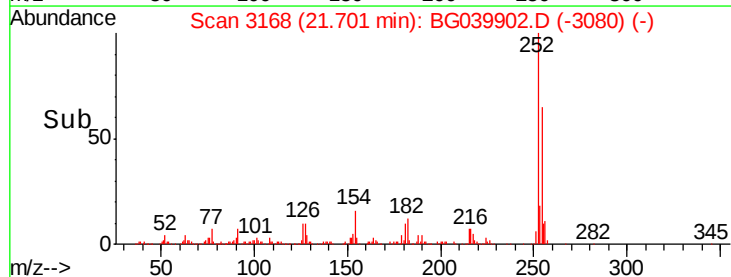
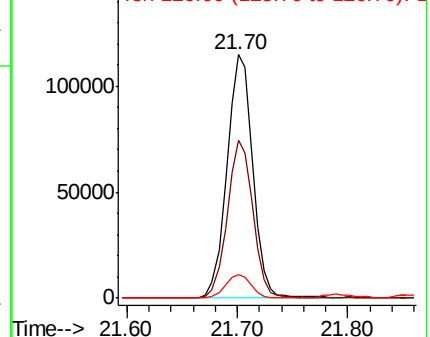


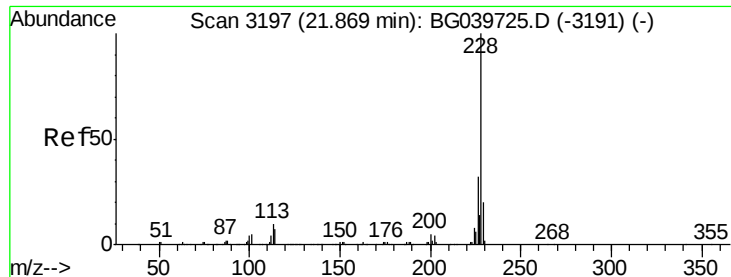
Abundance

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: 38.099 ng

RT: 21.86 min Scan# 3195

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

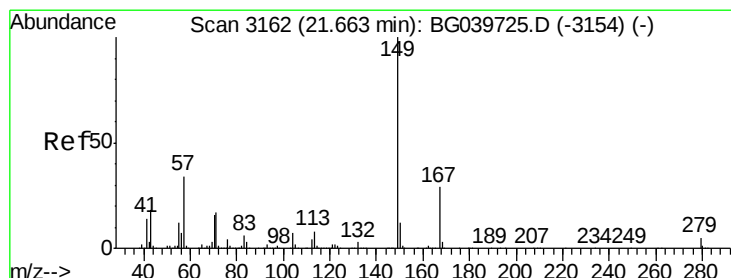
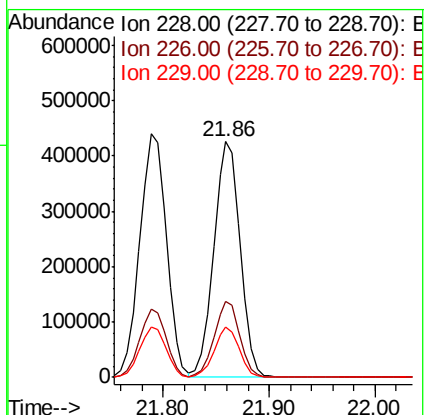
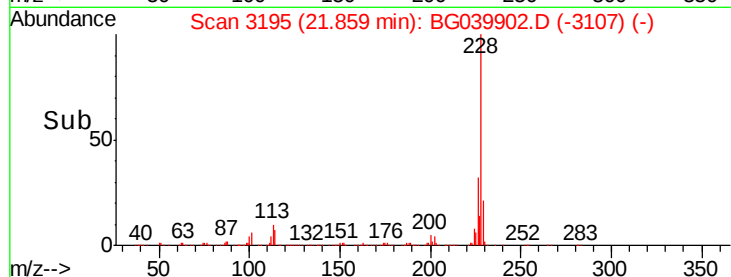
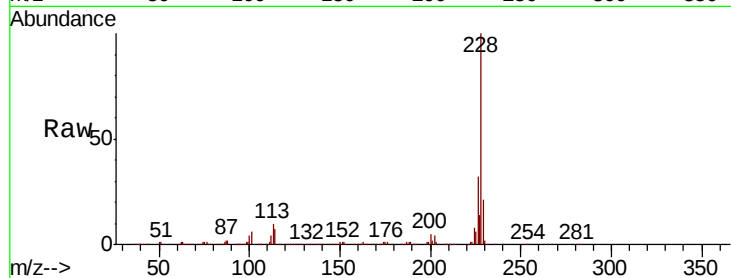
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 741813

Ion	Ratio	Lower	Upper
228	100		
226	32.1	25.8	38.6
229	21.3	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.647 ng

RT: 21.65 min Scan# 3160

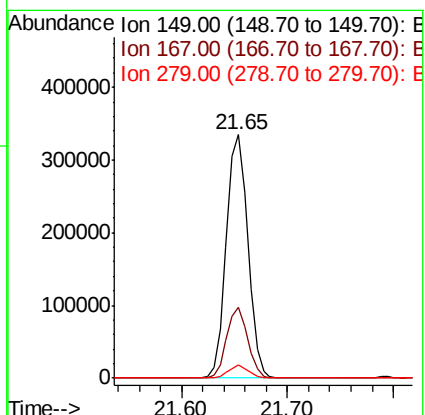
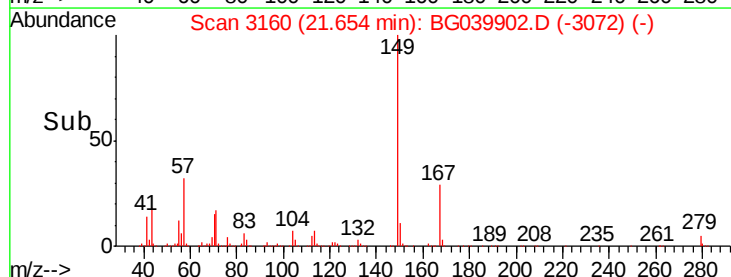
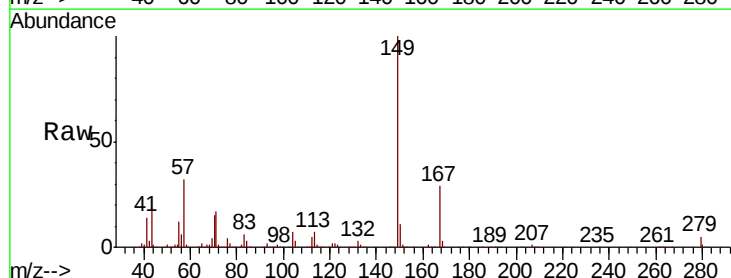
Delta R.T. -0.02 min

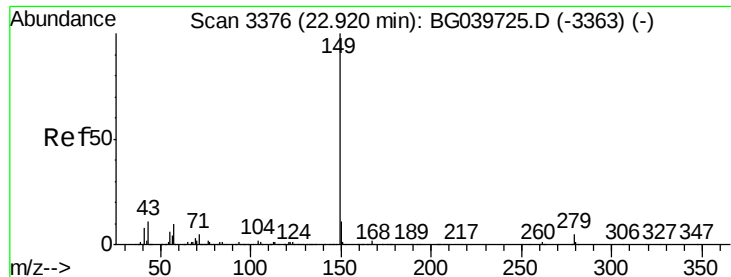
Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Tgt Ion:149 Resp: 472144

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.6	34.0
279	5.4	3.5	5.3#





#85

Di-n-octyl phthalate

Concen: 42.428 ng

RT: 22.90 min Scan# 3373

Delta R.T. -0.02 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

Instrument :

BNA_G

ClientSampleId :

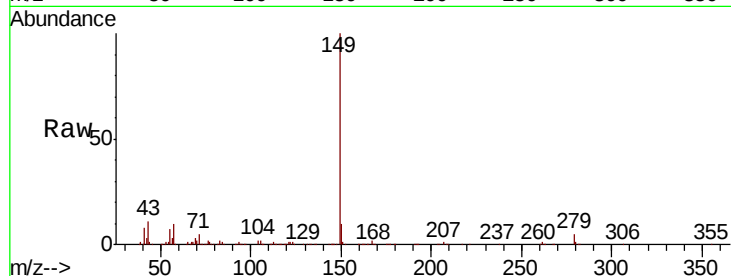
Tot Ion:149 Resp: 796421

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

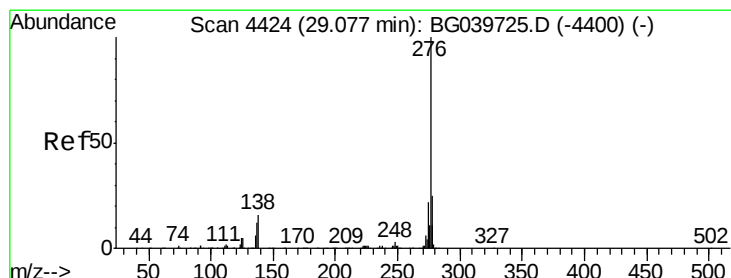
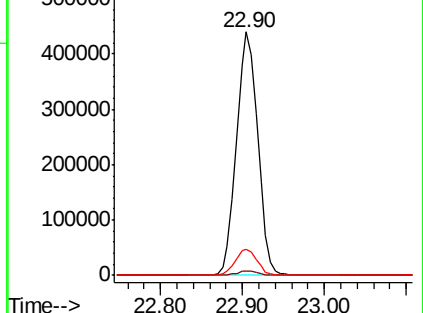
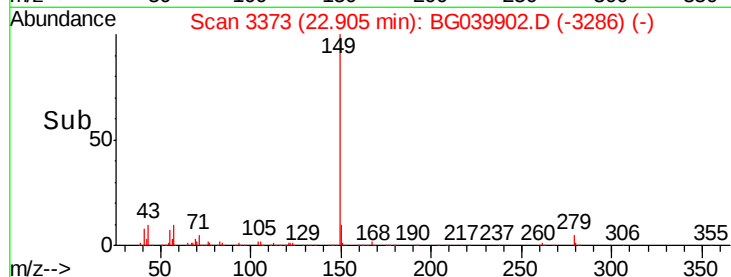
43 10.8 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 37.877 ng

RT: 29.05 min Scan# 4419

Delta R.T. -0.04 min

Lab File: BG039902.D

Acq: 13 Mar 2019 10:04

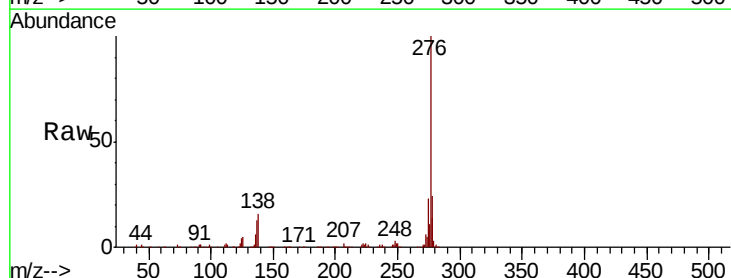
Tgt Ion:276 Resp: 836659

Ion Ratio Lower Upper

276 100

138 19.7 12.6 19.0#

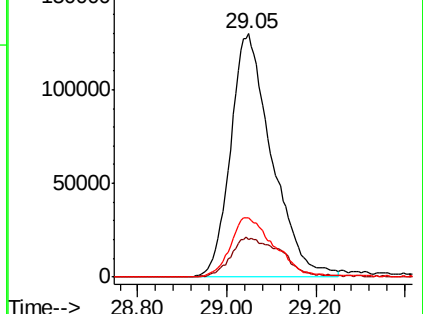
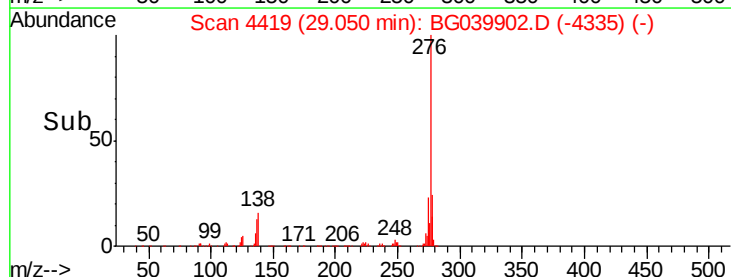
277 25.9 20.8 31.2

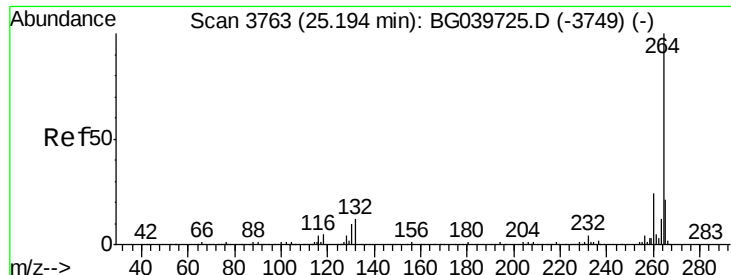


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

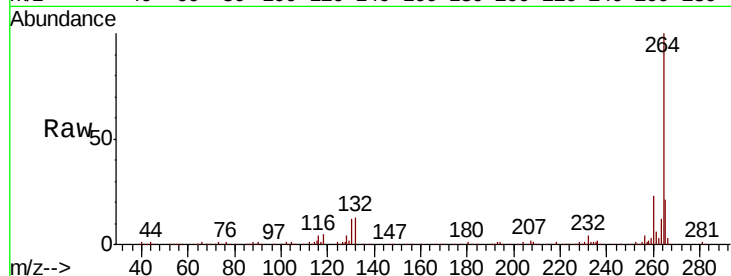




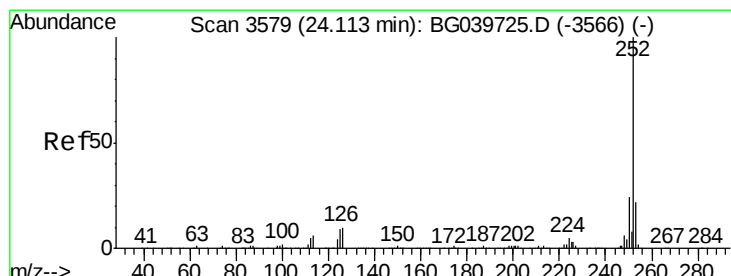
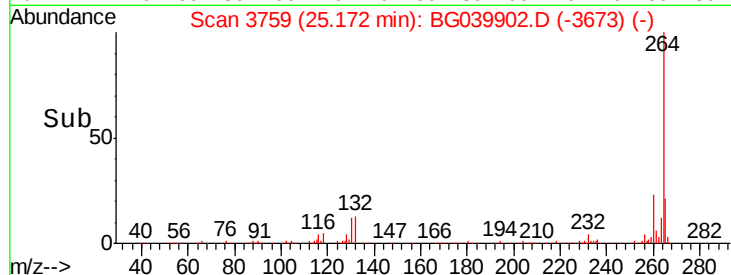
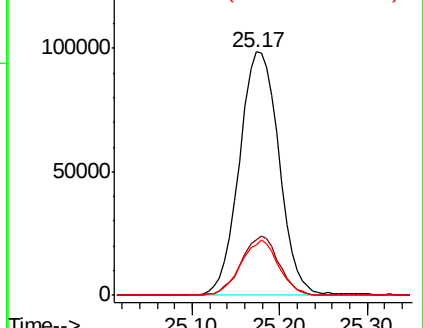
#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.17 min Scan# 3759
Delta R.T. -0.03 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampled :

Tot Ion:264 Resp: 304275
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 20.7 18.5 27.7

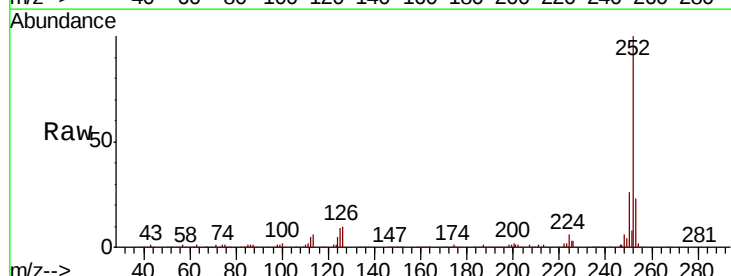


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

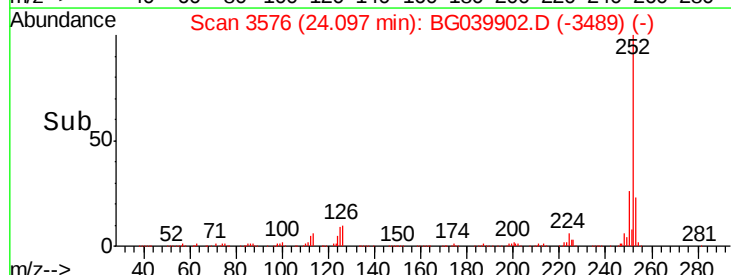
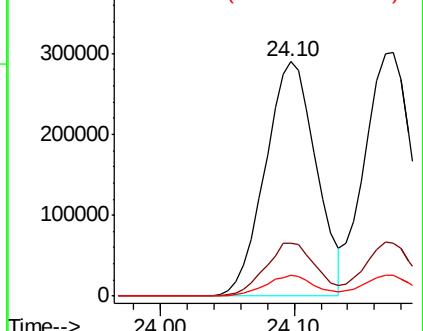


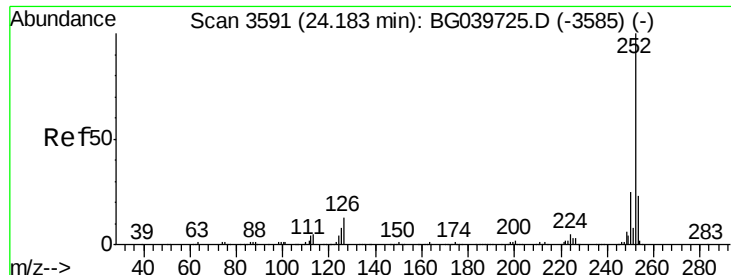
#88
Benzo(b)fluoranthene
Concen: 42.309 ng
RT: 24.10 min Scan# 3576
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:252 Resp: 767682
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 8.8 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

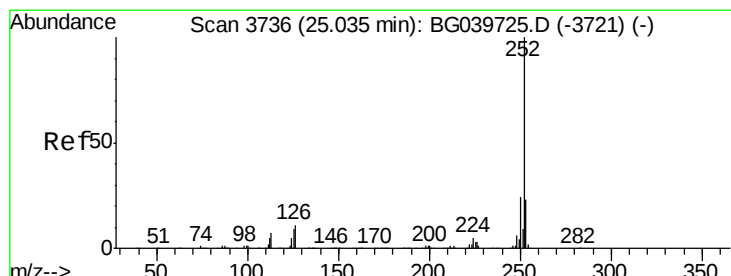
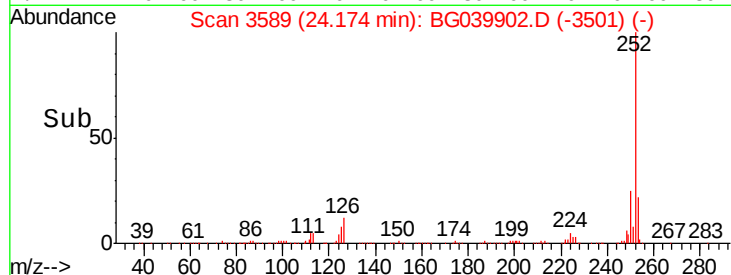
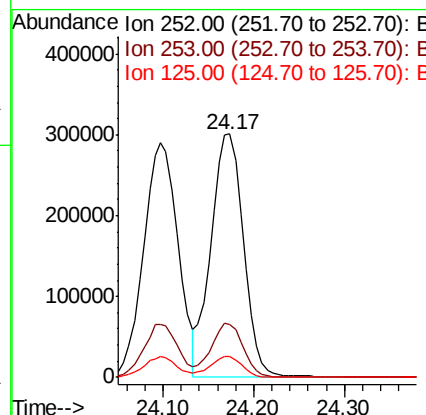
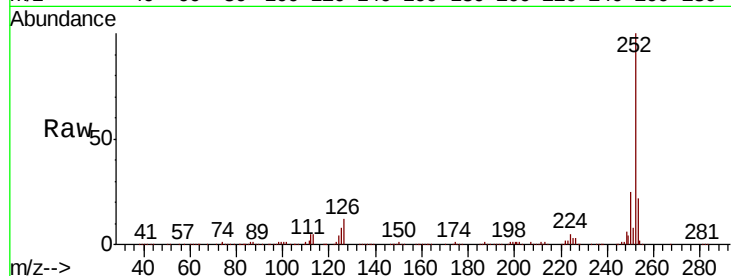




#89
Benzo(k)fluoranthene
Concen: 44.517 ng
RT: 24.17 min Scan# 3589
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

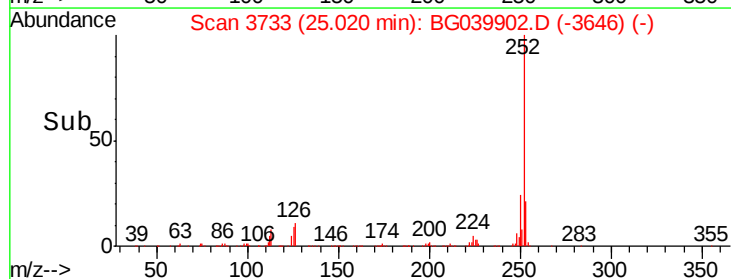
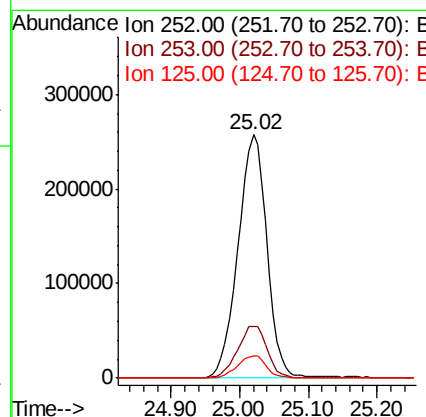
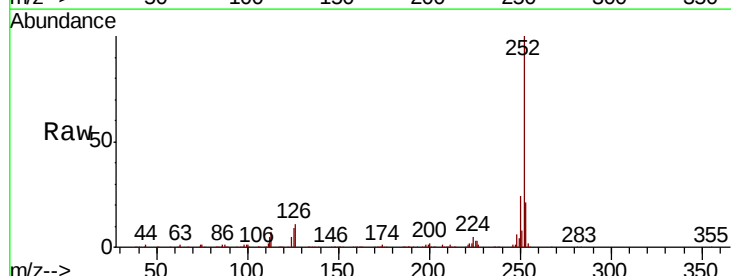
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	8.4	7.4	11.2



#90
Benzo(a)pyrene
Concen: 44.998 ng
RT: 25.02 min Scan# 3733
Delta R.T. -0.02 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.9	26.9
125	9.0	8.3	12.5

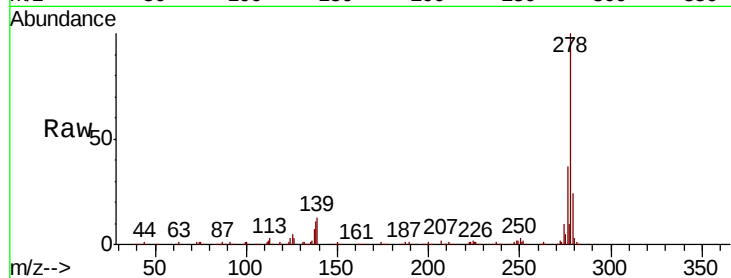




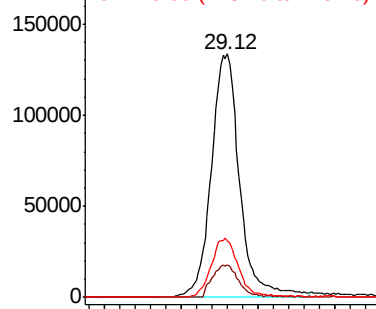
#91
Dibenzo(a,h)anthracene
Concen: 41.624 ng
RT: 29.12 min Scan# 4431
Delta R.T. -0.03 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Instrument :
BNA_G
ClientSampleId :

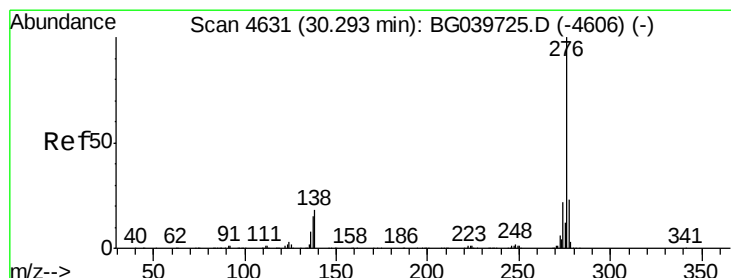
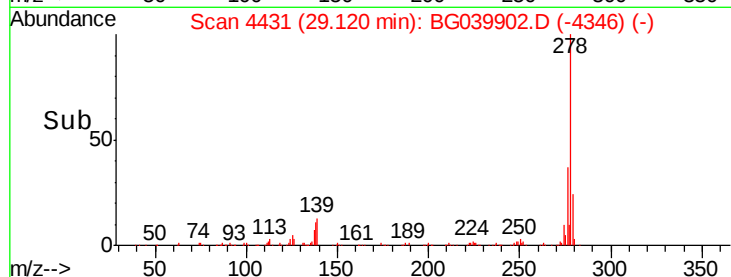
Tot Ion:278 Resp: 684191
Ion Ratio Lower Upper
278 100
139 13.1 11.7 17.5
279 23.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E

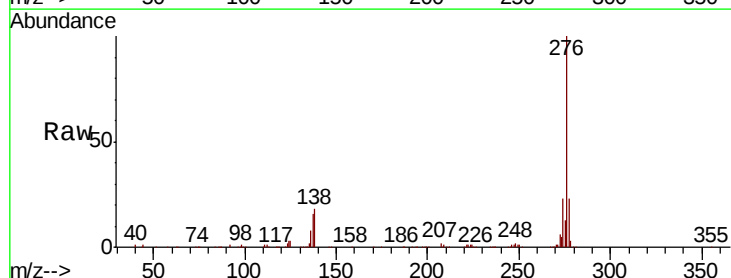


Time--> 28.80 29.00 29.20 29.40

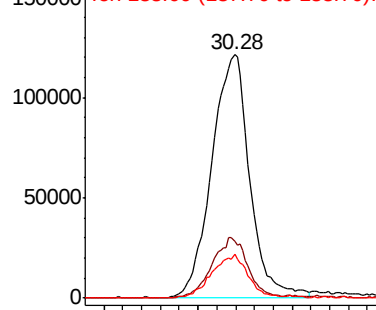


#92
Benzo(g,h,i)perylene
Concen: 41.073 ng
RT: 30.28 min Scan# 4628
Delta R.T. -0.03 min
Lab File: BG039902.D
Acq: 13 Mar 2019 10:04

Tgt Ion:276 Resp: 678044
Ion Ratio Lower Upper
276 100
277 23.5 19.6 29.4
138 17.9 14.7 22.1



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



Time--> 30.00 30.20 30.40

