

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
 Data File : BG039467.D
 Acq On : 12 Feb 2019 17:12
 Operator : JU/SJ
 Sample : K1462-15MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 00:34:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	59425	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	280889	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	197669	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	439364	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	380865	20.00	ng	-0.01
87) Perylene-d12	25.21	264	400402	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	549840	158.36	ng	0.00
7) Phenol-d6	7.31	99	822072	160.85	ng	0.00
23) Nitrobenzene-d5	9.35	82	485793	108.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	331519	155.75	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1195250	86.74	ng	-0.01
79) Terphenyl-d14	20.13	244	1514510	84.17	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.61	88	46991	30.940	ng	96
3) Pyridine	4.01	79	145289	36.131	ng	95
4) n-Nitrosodimethylamine	3.92	42	87382	43.452	ng	87
6) Aniline	7.49	93	173456	27.095	ng	99
8) 2-Chlorophenol	7.73	128	205710	54.201	ng	95
9) Benzaldehyde	7.31	77	85447	31.467	ng	95
10) Phenol	7.34	94	303375	56.944	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	193532	45.972	ng	98
12) 1,3-Dichlorobenzene	8.06	146	196052	42.641	ng	95
13) 1,4-Dichlorobenzene	8.21	146	202050	44.090	ng	96
14) 1,2-Dichlorobenzene	8.53	146	196673	44.332	ng	97
15) Benzyl Alcohol	8.41	79	209320	52.168	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	381319	40.110	ng	98
17) 2-Methylphenol	8.60	107	191927	55.669	ng	99
18) Hexachloroethane	9.26	117	68433	43.405	ng	93
19) n-Nitroso-di-n-propylamine	8.98	70	170376	46.969	ng	93
20) 3+4-Methylphenols	8.93	107	272090	57.311	ng	98
22) Acetophenone	9.00	105	321212	42.572	ng	# 95
24) Nitrobenzene	9.39	77	253725	52.234	ng	98
25) Isophorone	9.91	82	500460	50.228	ng	98
26) 2-Nitrophenol	10.10	139	126706	61.140	ng	97
27) 2,4-Dimethylphenol	10.14	122	231341	57.397	ng	97
28) bis(2-Chloroethoxy)methane	10.39	93	304706	49.650	ng	100
29) 2,4-Dichlorophenol	10.63	162	248545	56.422	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	232502	47.011	ng	99
31) Naphthalene	11.05	128	674368	48.395	ng	99
32) Benzoic acid	10.14	122	231341	80.200	ng	# 15
33) 4-Chloroaniline	11.15	127	116298	18.000	ng	99
34) Hexachlorobutadiene	11.31	225	143097	43.508	ng	93
35) Caprolactam	11.94	113	56110	30.781	ng	# 86
36) 4-Chloro-3-methylphenol	12.25	107	272107	53.412	ng	97
37) 2-Methylnaphthalene	12.63	142	523210	50.695	ng	97
38) 1-Methylnaphthalene	12.86	142	504305	50.690	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	292785	46.553	ng	99

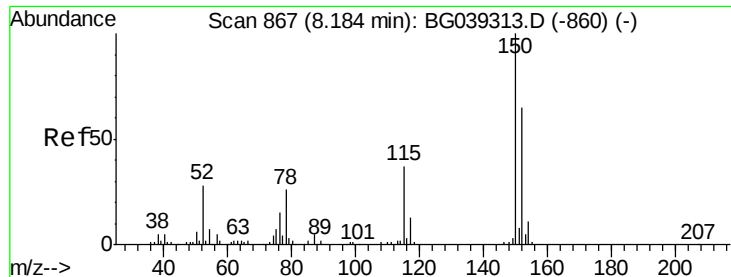
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021219\
 Data File : BG039467.D
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Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 13 00:34:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	304448	88.835	ng	99
43) 2,4,6-Trichlorophenol	13.23	196	206427	53.382	ng	99
44) 2,4,5-Trichlorophenol	13.30	196	225758	55.703	ng	98
46) 1,1'-Biphenyl	13.63	154	717979	43.655	ng	99
47) 2-Chloronaphthalene	13.68	162	553626	44.747	ng	99
48) 2-Nitroaniline	13.89	65	194656	53.599	ng	91
49) Acenaphthylene	14.53	152	893374	47.853	ng	98
50) Dimethylphthalate	14.25	163	834774	52.289	ng	99
51) 2,6-Dinitrotoluene	14.37	165	167588	55.052	ng	100
52) Acenaphthene	14.86	154	553189	45.649	ng	99
53) 3-Nitroaniline	14.70	138	94291	31.546	ng	# 90
54) 2,4-Dinitrophenol	14.91	184	114283	84.345	ng	93
55) Dibenzofuran	15.20	168	871736	44.866	ng	98
56) 4-Nitrophenol	15.00	139	266722	91.504	ng	90
57) 2,4-Dinitrotoluene	15.16	165	232319	58.701	ng	90
58) Fluorene	15.84	166	686611	47.404	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.41	232	218507	57.581	ng	96
60) Diethylphthalate	15.60	149	738784	44.758	ng	97
61) 4-Chlorophenyl-phenylether	15.82	204	371456	45.292	ng	99
62) 4-Nitroaniline	15.87	138	159442	47.660	ng	93
63) Azobenzene	16.12	77	665308	41.238	ng	97
65) 4,6-Dinitro-2-methylphenol	15.91	198	121919	62.800	ng	99
66) n-Nitrosodiphenylamine	16.05	169	633813	47.443	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	239280	49.091	ng	93
68) Hexachlorobenzene	16.84	284	244886	50.075	ng	92
69) Atrazine	16.98	200	235748	48.288	ng	96
70) Pentachlorophenol	17.18	266	296794	87.321	ng	99
71) Phenanthrene	17.59	178	1062779	46.736	ng	99
72) Anthracene	17.68	178	1074813	47.985	ng	98
73) Carbazole	17.95	167	908630	40.647	ng	99
74) Di-n-butylphthalate	18.48	149	1065762	40.867	ng	99
75) Fluoranthene	19.58	202	1138650	43.140	ng	99
77) Benzidine	19.76	184	361616	28.960	ng	99
78) Pyrene	19.95	202	1123554	47.388	ng	99
80) Butylbenzylphthalate	20.81	149	480370	48.029	ng	98
81) Benzo(a)anthracene	21.81	228	1094038	48.613	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	204110	24.460	ng	98
83) Chrysene	21.88	228	1025482	47.867	ng	98
84) Bis(2-ethylhexyl)phthalate	21.68	149	668697	46.864	ng	99
85) Di-n-octyl phthalate	22.95	149	1142714	48.475	ng	96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1261214	54.870	ng	# 80
88) Benzo(b)fluoranthene	24.13	252	1087948	49.823	ng	99
89) Benzo(k)fluoranthene	24.21	252	1052460	48.007	ng	99
90) Benzo(a)pyrene	25.06	252	1062744	50.535	ng	99
91) Dibenzo(a,h)anthracene	29.18	278	1018766	51.729	ng	97
92) Benzo(g,h,i)perylene	30.34	276	1042528	53.109	ng	99

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

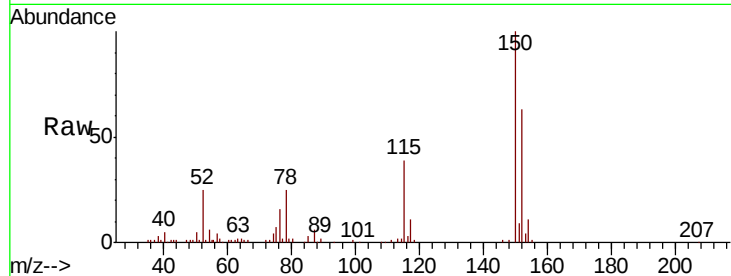


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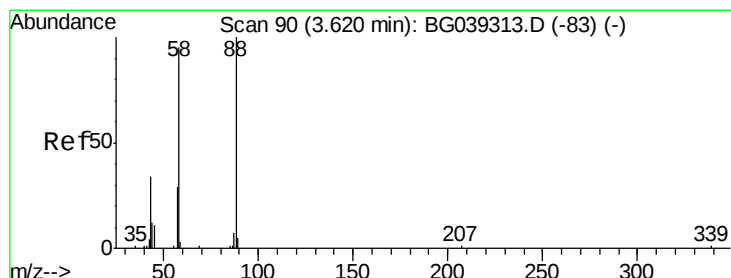
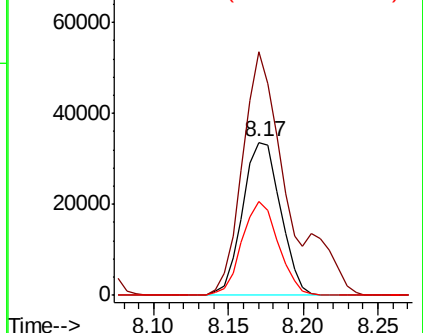
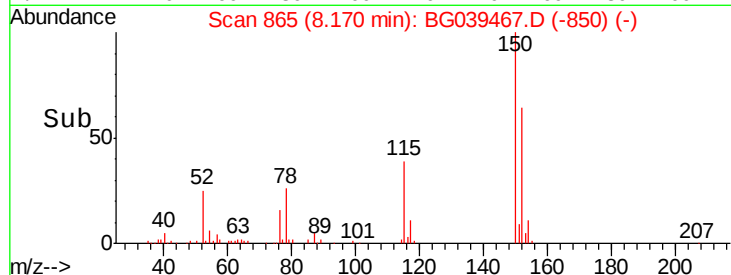
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 59425
Ion Ratio Lower Upper
152 100
150 159.1 123.7 185.5
115 61.6 45.9 68.9



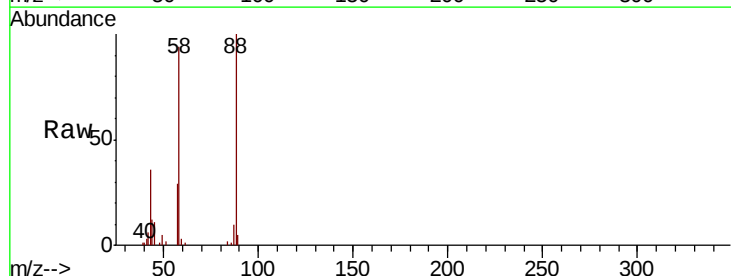
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



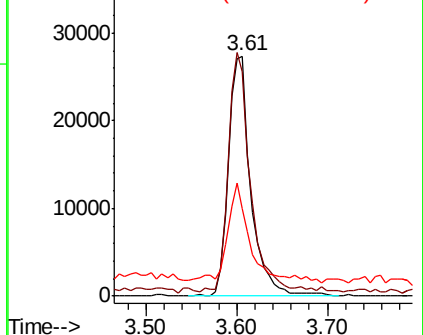
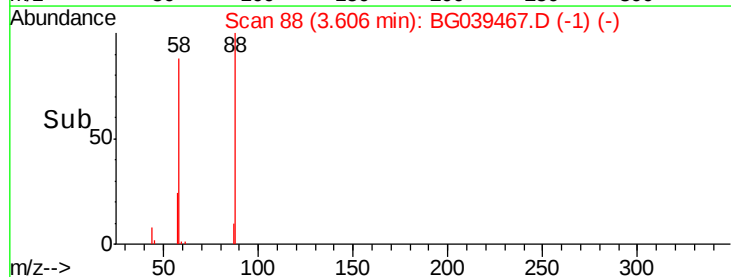
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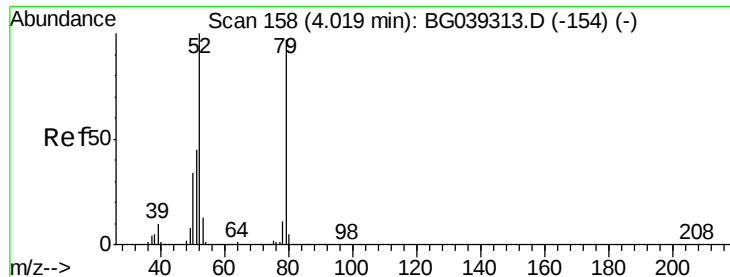
1,4-Dioxane
Concen: 30.940 ng
RT: 3.61 min Scan# 88
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion: 88 Resp: 46991
Ion Ratio Lower Upper
88 100
58 98.7 81.1 121.7
43 42.9 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

Pyridine

Concen: 36.131 ng

RT: 4.01 min Scan# 156

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

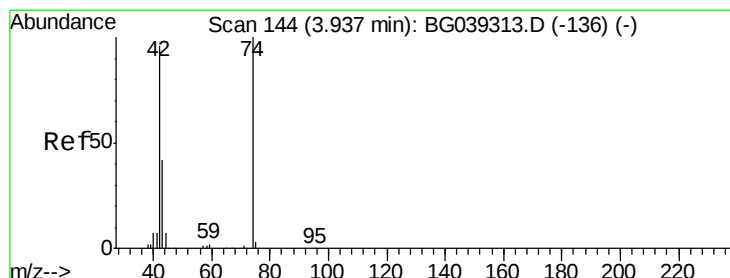
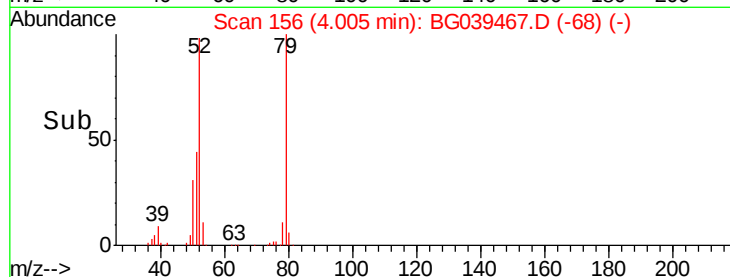
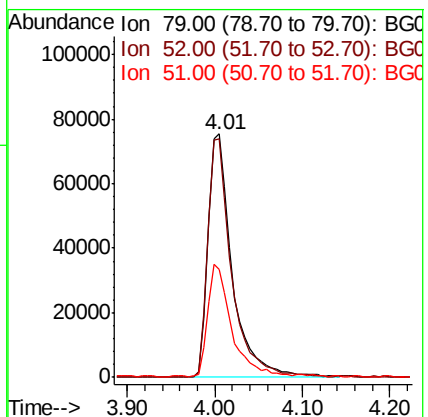
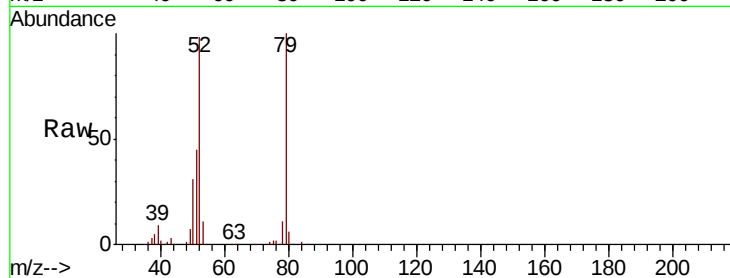
Tgt Ion: 79 Resp: 145289

Ion Ratio Lower Upper

79 100

52 98.1 82.6 124.0

51 44.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 43.452 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

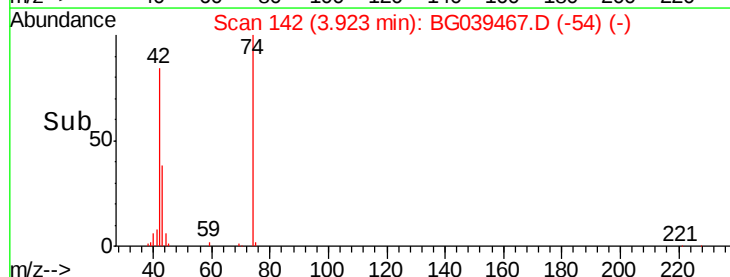
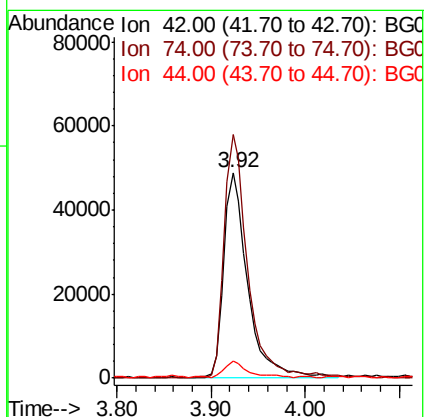
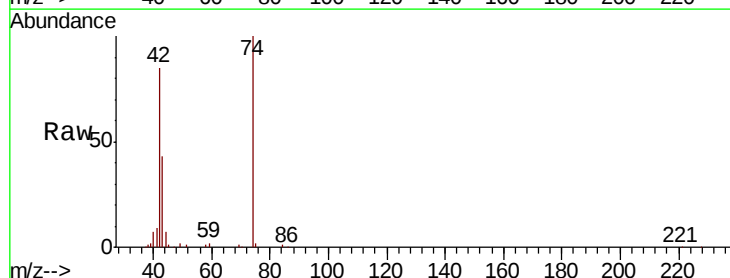
Tgt Ion: 42 Resp: 87382

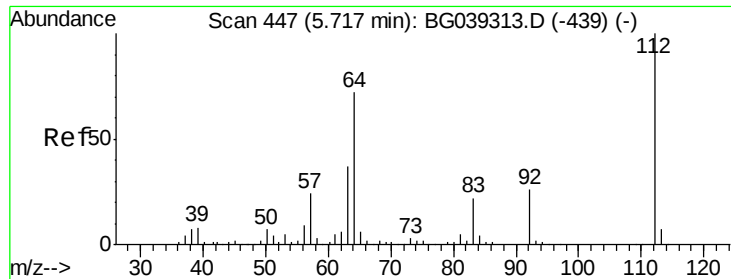
Ion Ratio Lower Upper

42 100

74 118.3 83.6 125.4

44 8.0 6.9 10.3





#5

2-Fluorophenol

Concen: 158.360 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

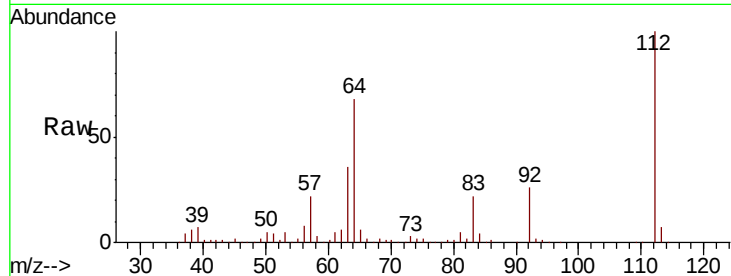
Tgt Ion: 112 Resp: 549840

Ion Ratio Lower Upper

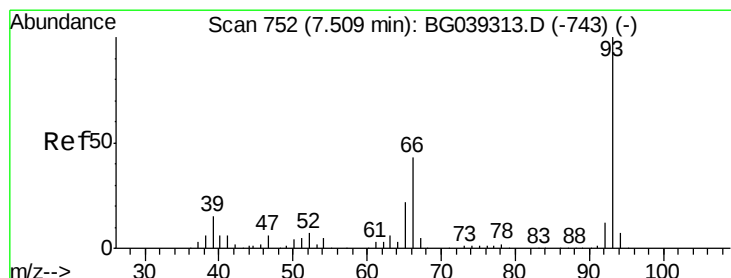
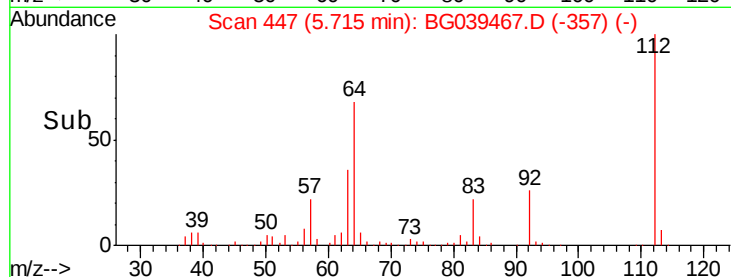
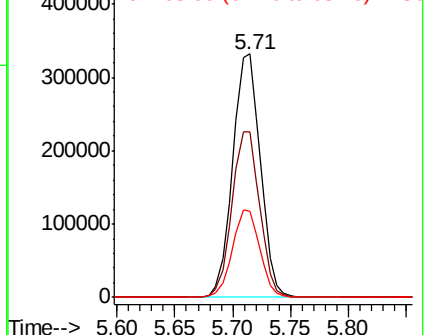
112 100

64 67.8 57.8 86.8

63 35.6 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: 27.095 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

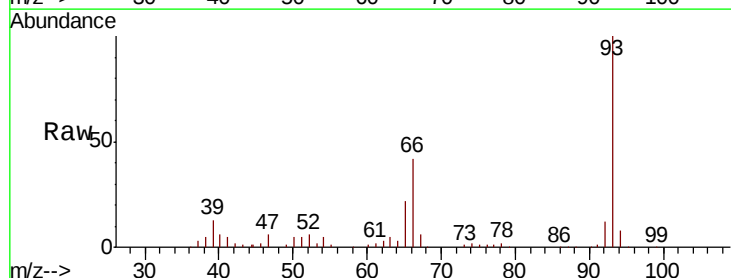
Tgt Ion: 93 Resp: 173456

Ion Ratio Lower Upper

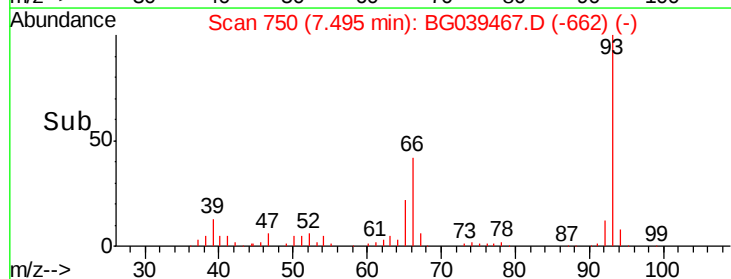
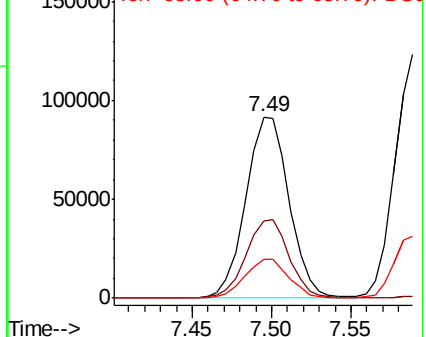
93 100

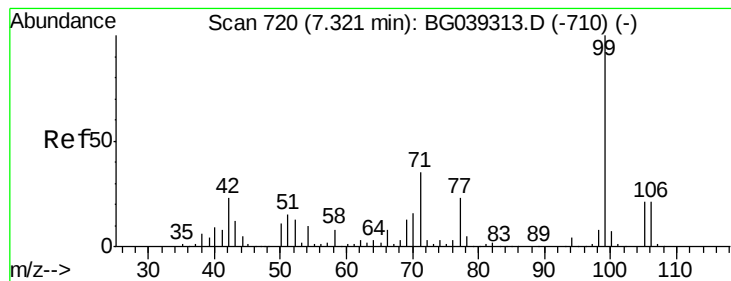
66 42.4 34.2 51.4

65 21.7 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: 160.850 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampled :

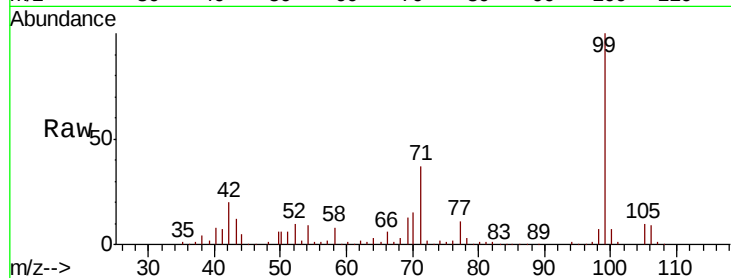
Tgt Ion: 99 Resp: 822072

Ion Ratio Lower Upper

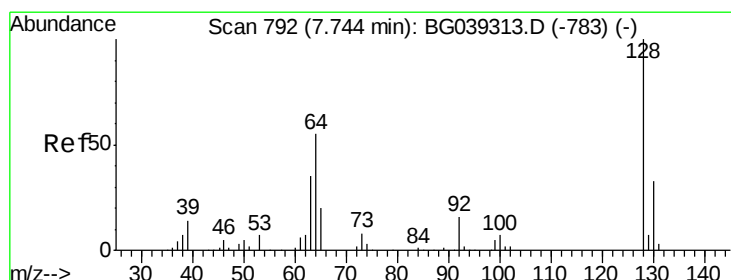
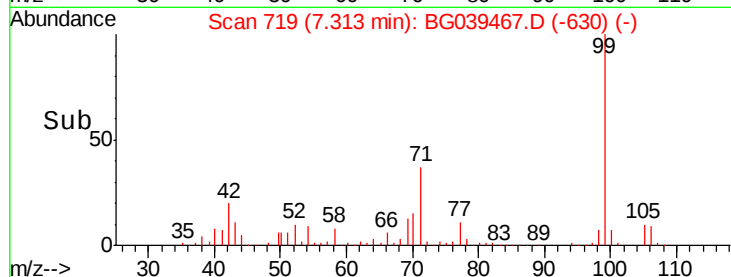
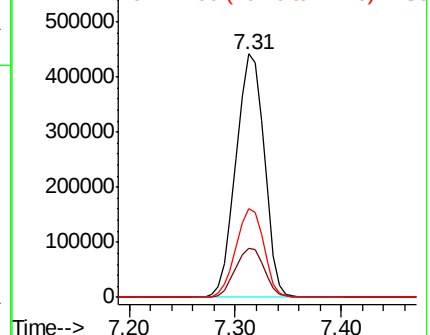
99 100

42 20.3 18.2 27.2

71 36.6 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: 54.201 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

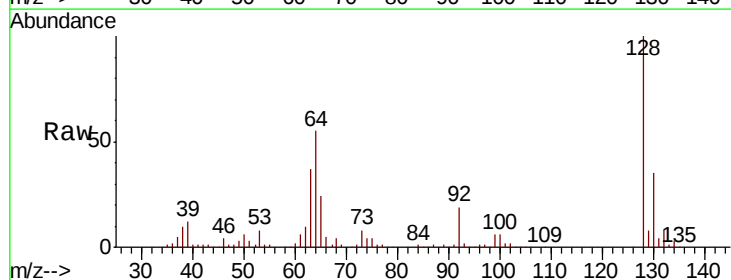
Tgt Ion: 128 Resp: 205710

Ion Ratio Lower Upper

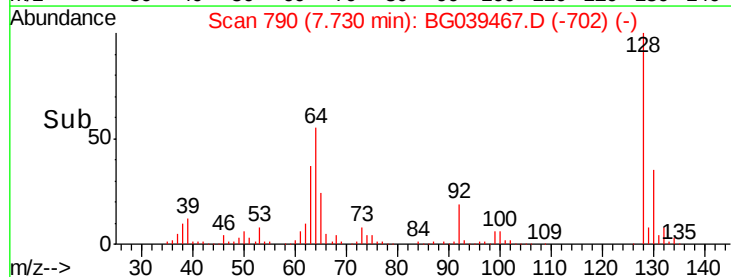
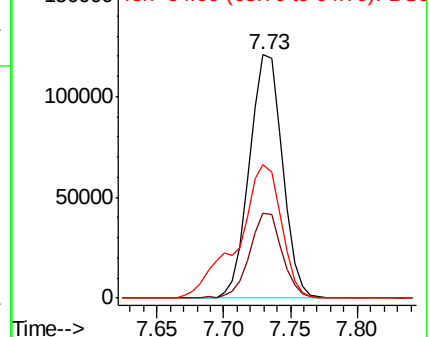
128 100

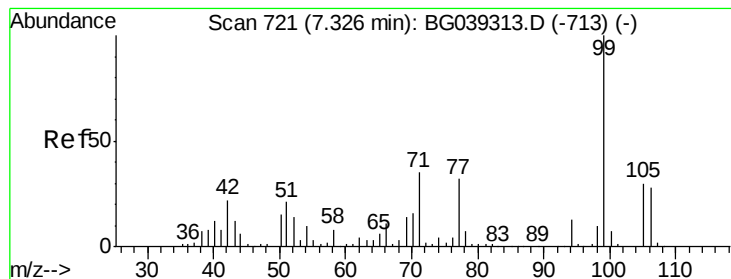
130 35.0 12.9 52.9

64 55.0 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: 31.467 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

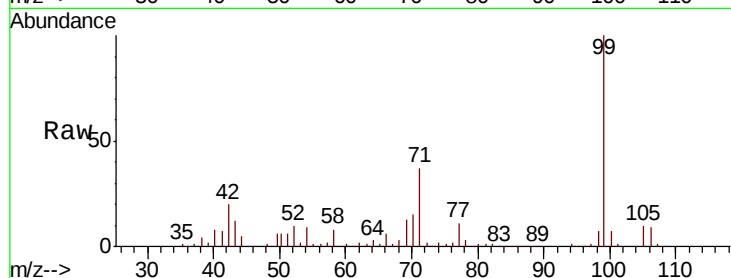
Tgt Ion: 77 Resp: 85447

Ion Ratio Lower Upper

77 100

105 90.0 74.5 114.5

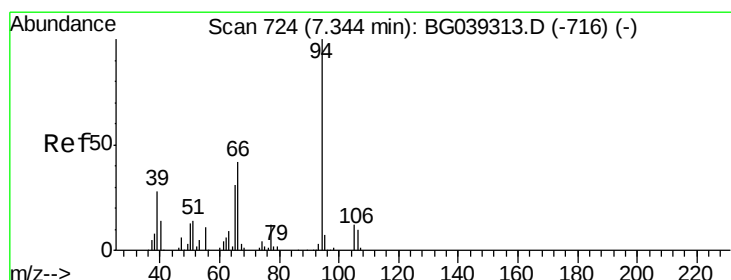
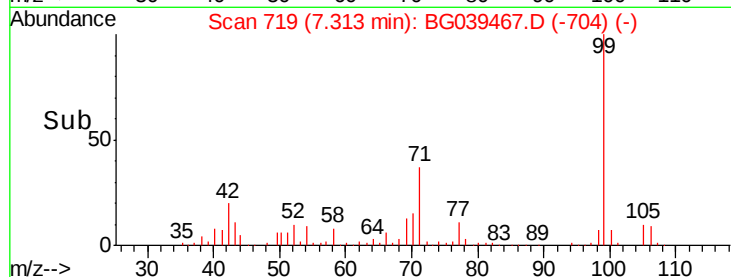
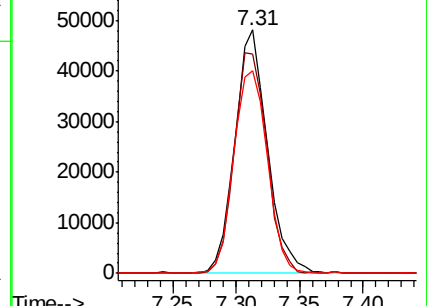
106 83.3 68.0 108.0



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: 56.944 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

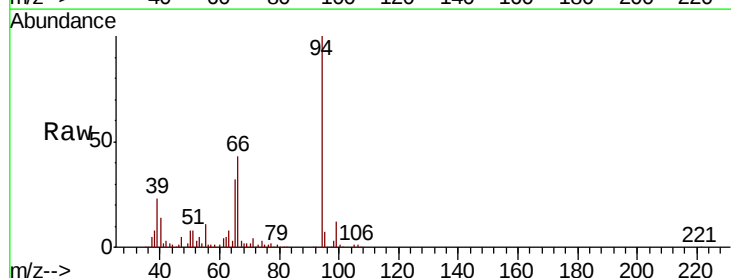
Tgt Ion: 94 Resp: 303375

Ion Ratio Lower Upper

94 100

65 32.4 11.7 51.7

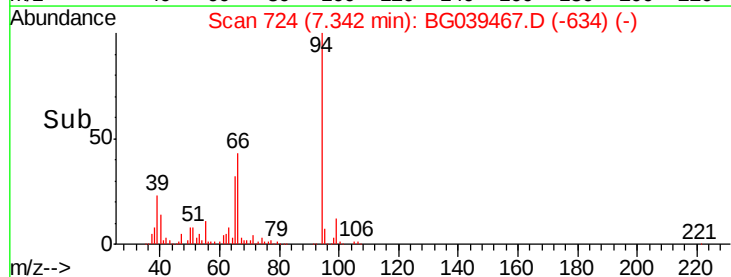
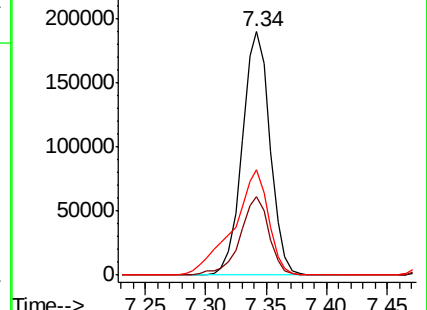
66 43.2 23.7 63.7

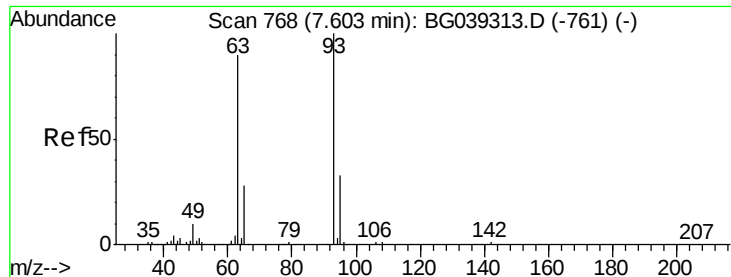


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 45.972 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

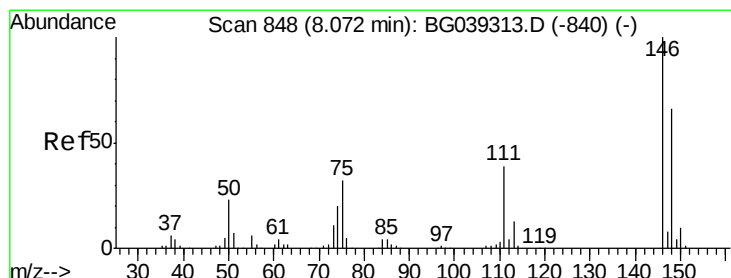
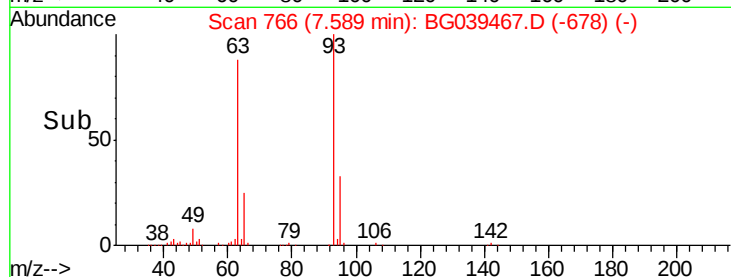
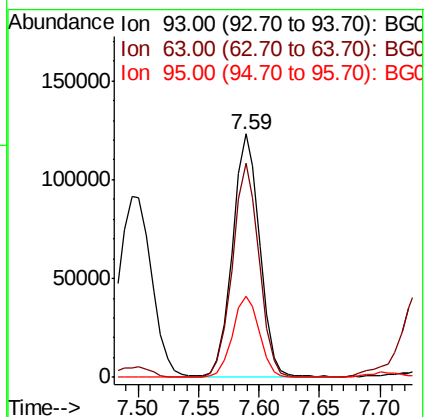
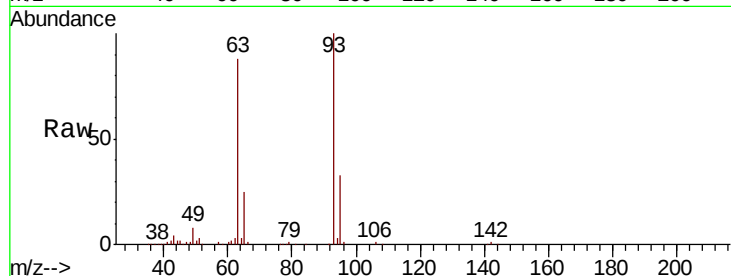
Tgt Ion: 93 Resp: 193532

Ion Ratio Lower Upper

93 100

63 87.7 69.5 109.5

95 33.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 42.641 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

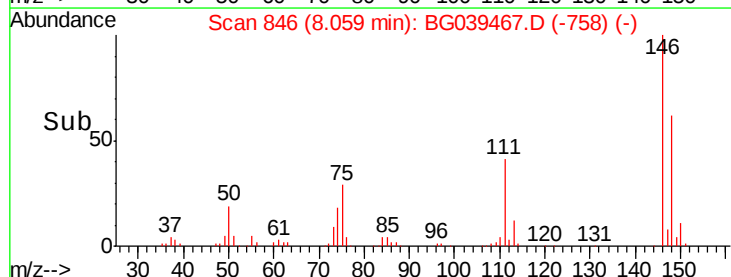
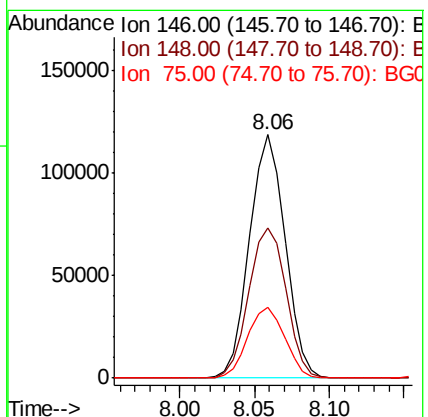
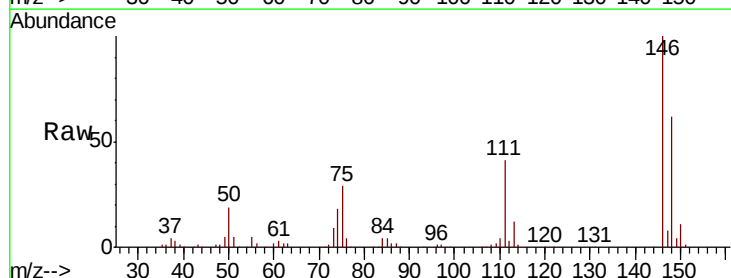
Tgt Ion: 146 Resp: 196052

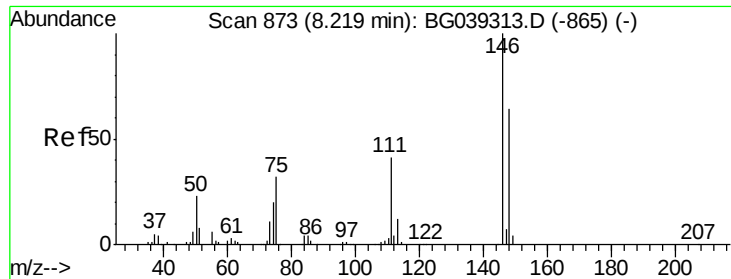
Ion Ratio Lower Upper

146 100

148 61.8 52.6 79.0

75 29.0 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 44.090 ng

RT: 8.21 min Scan# 872

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

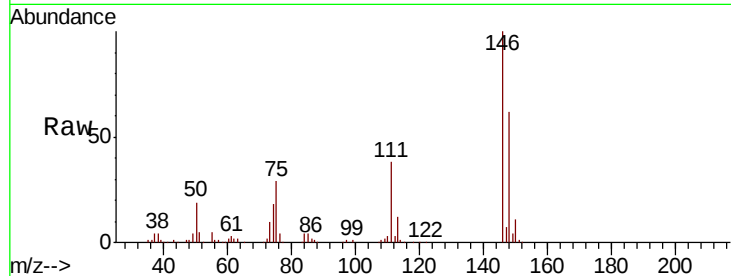
Tgt Ion:146 Resp: 202050

Ion Ratio Lower Upper

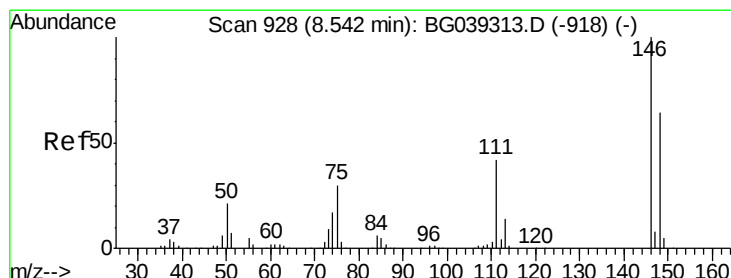
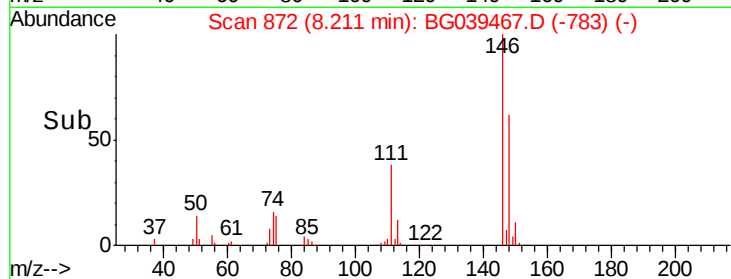
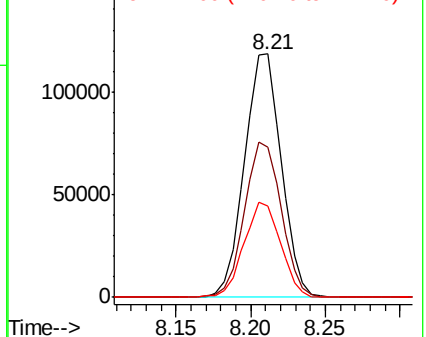
146 100

148 61.7 51.1 76.7

111 37.6 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: 44.332 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

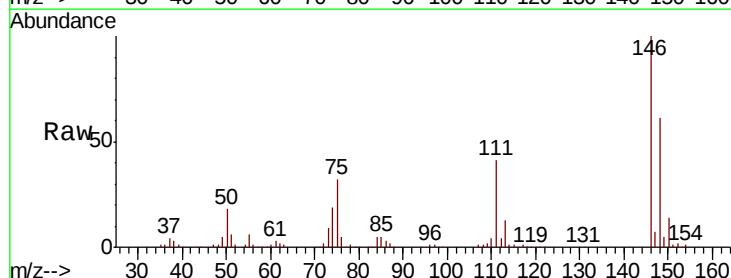
Tgt Ion:146 Resp: 196673

Ion Ratio Lower Upper

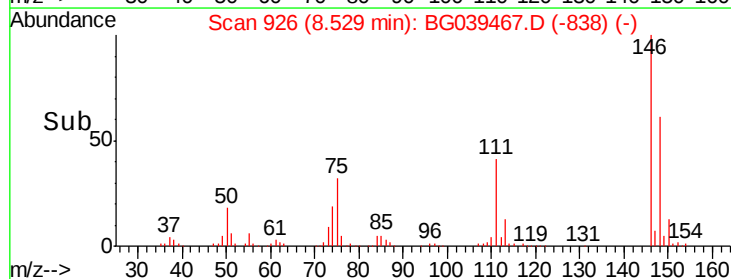
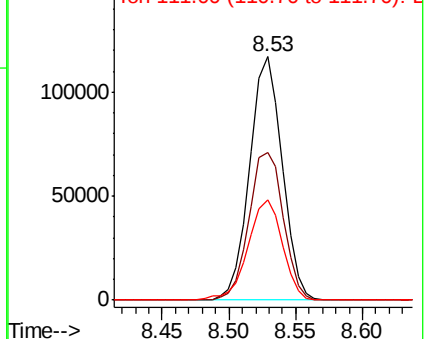
146 100

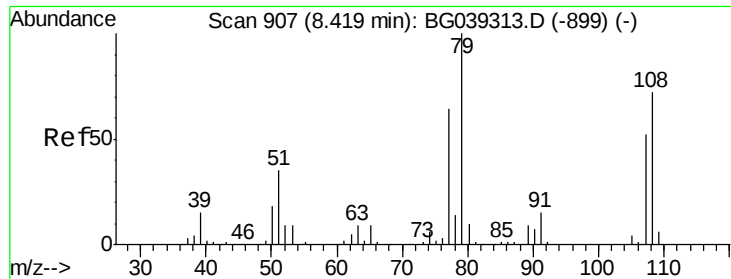
148 60.8 51.5 77.3

111 41.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 52.168 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

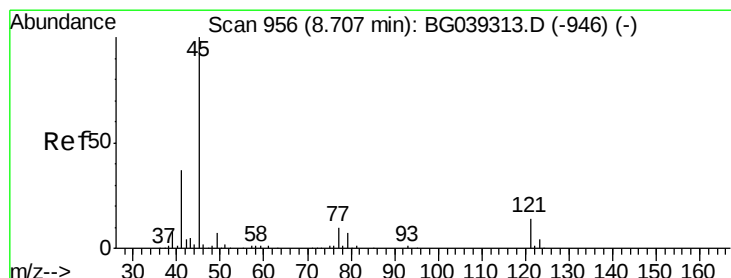
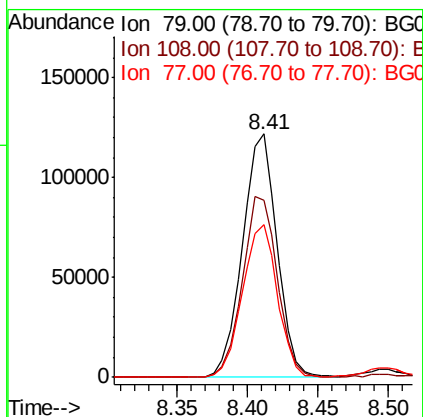
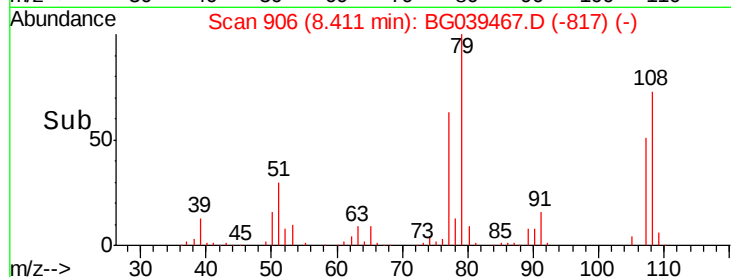
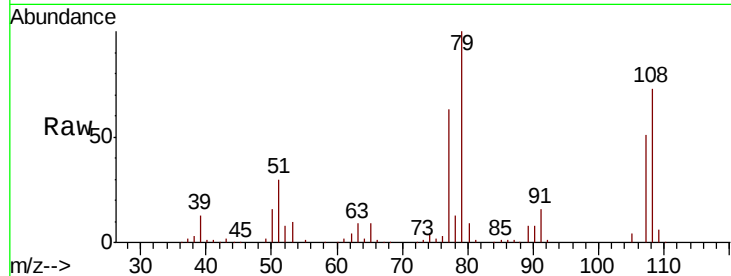
Tgt Ion: 79 Resp: 209320

Ion Ratio Lower Upper

79 100

108 72.6 57.8 86.6

77 63.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.110 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

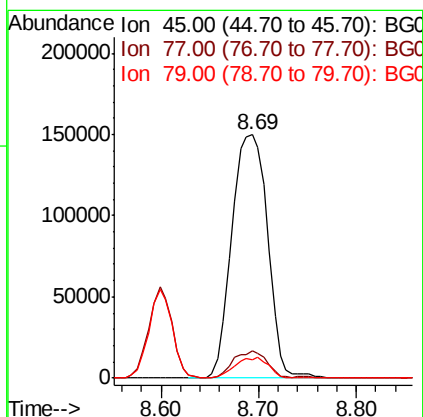
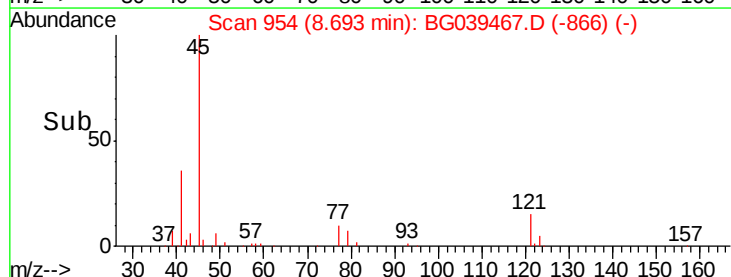
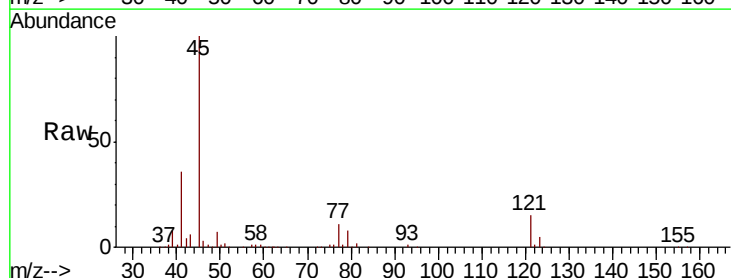
Tgt Ion: 45 Resp: 381319

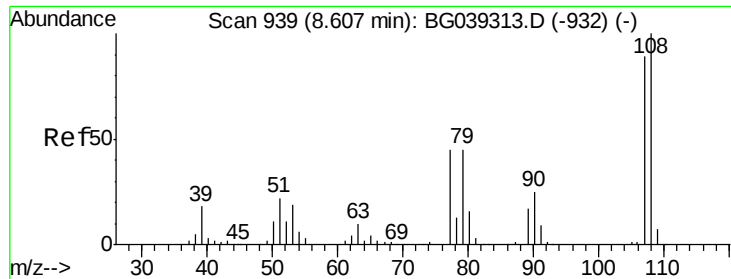
Ion Ratio Lower Upper

45 100

77 11.3 0.0 30.0

79 7.5 0.0 27.5

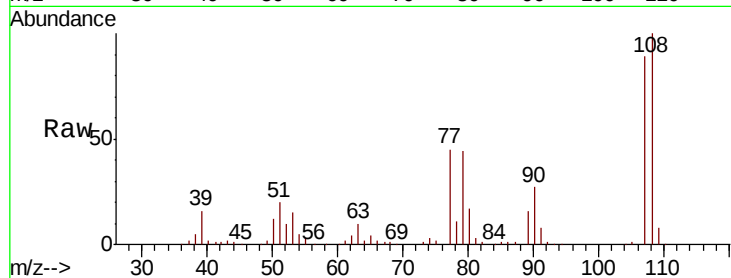




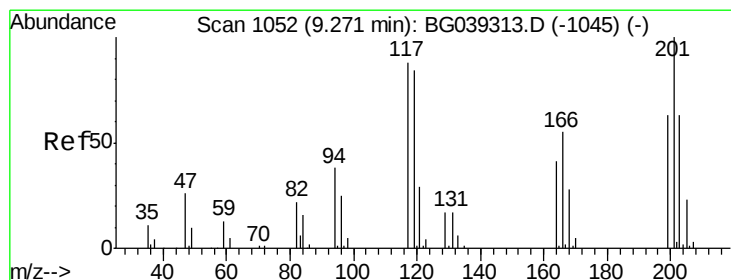
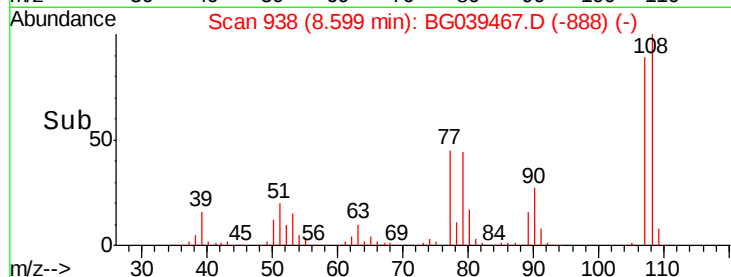
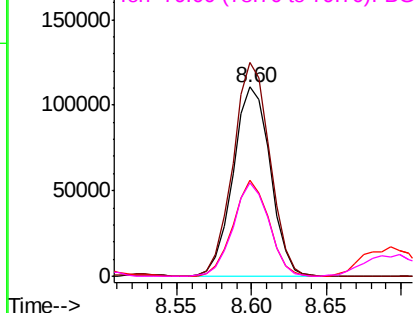
#17
2-Methylphenol
Concen: 55.669 ng
RT: 8.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	107	Resp:	191927
Ion	Ratio	Lower	Upper
107	100		
108	112.9	90.8	136.2
77	51.1	40.7	61.1
79	49.6	40.6	60.8

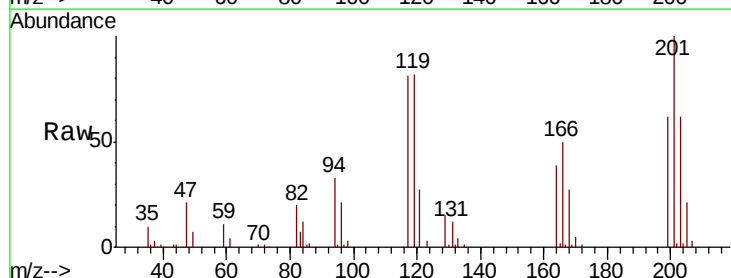


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

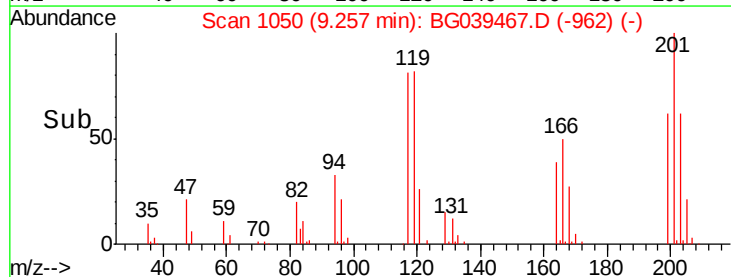
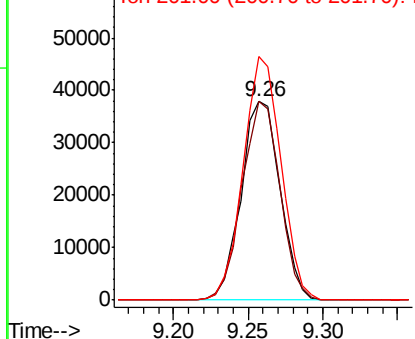


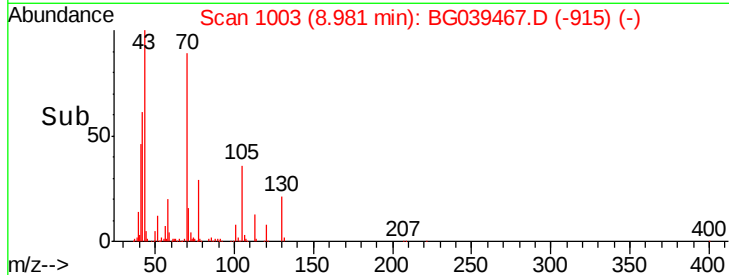
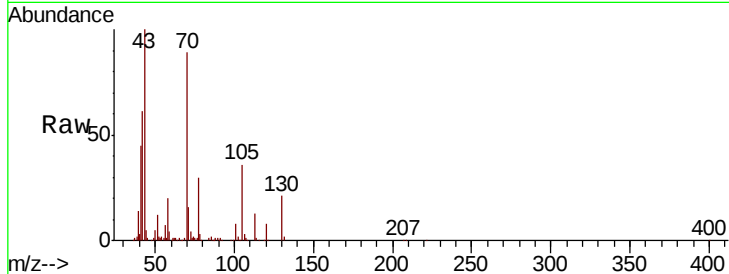
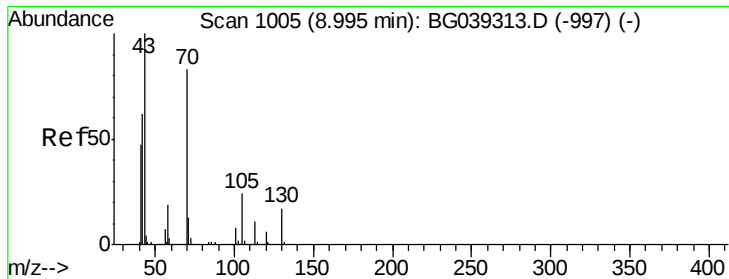
#18
Hexachloroethane
Concen: 43.405 ng
RT: 9.26 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	117	Resp:	68433
Ion	Ratio	Lower	Upper
117	100		
119	100.2	76.3	114.5
201	122.8	91.1	136.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

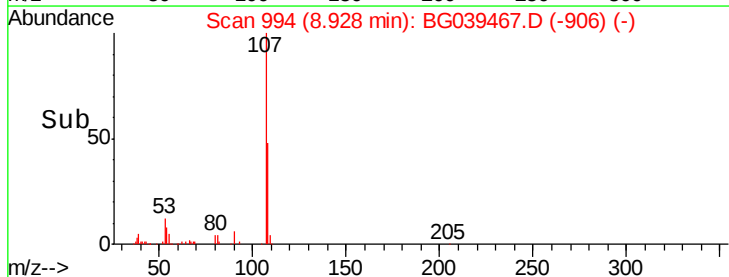
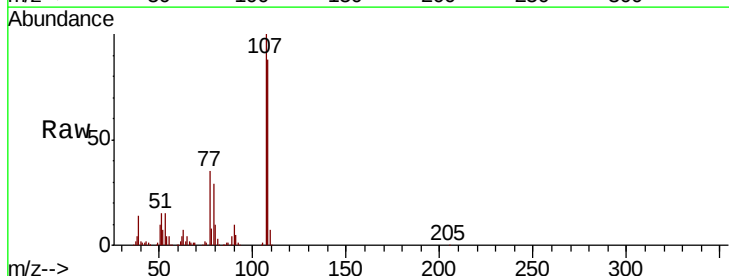
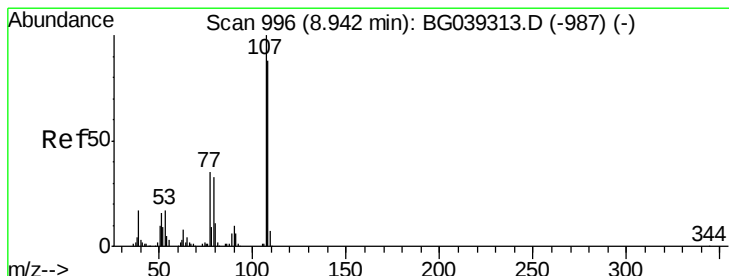
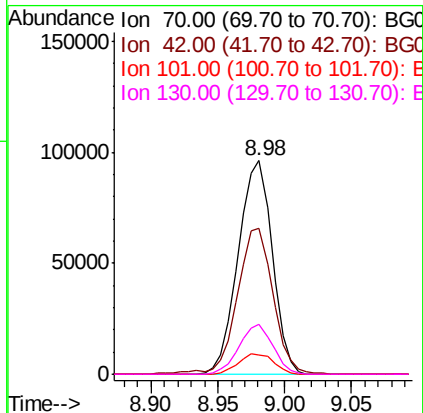




#19
n-Nitroso-di-n-propylamine
Concen: 46.969 ng
RT: 8.98 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

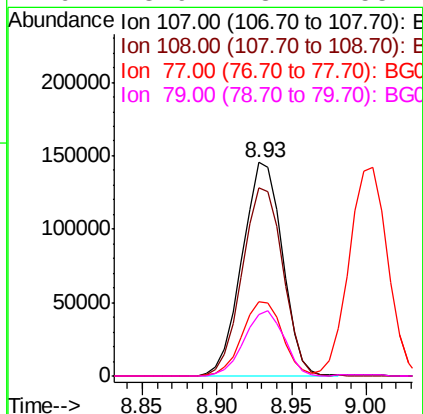
Instrument :
BNA_G
ClientSampleId :

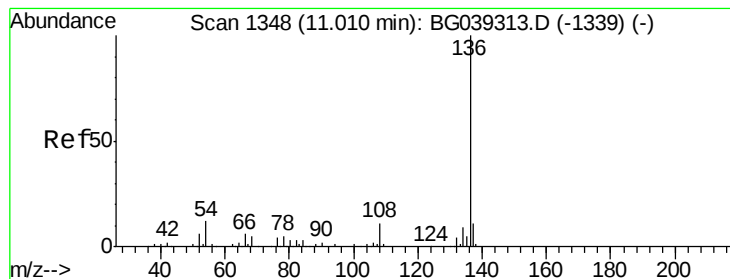
Tgt Ion:	70	Resp:	170376
Ion	Ratio	Lower	Upper
70	100		
42	68.5	60.4	90.6
101	8.8	7.5	11.3
130	23.1	16.9	25.3



#20
3+4-Methylphenols
Concen: 57.311 ng
RT: 8.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	107	Resp:	272090
Ion	Ratio	Lower	Upper
107	100		
108	88.3	67.9	107.9
77	34.7	15.4	55.4
79	28.9	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:136 Resp: 280889

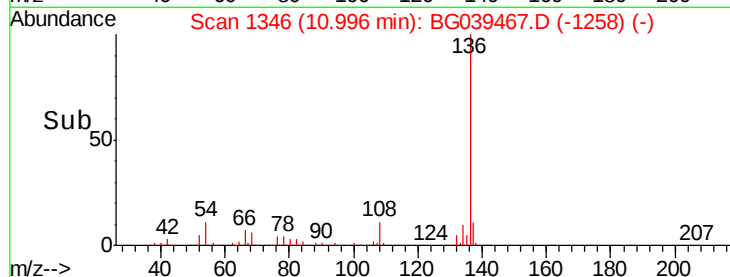
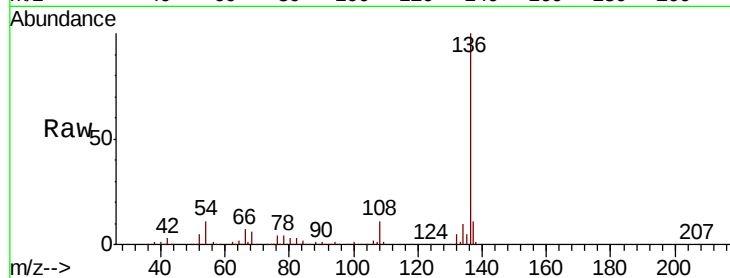
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 10.9 9.4 14.2

68 6.1 4.2 6.4

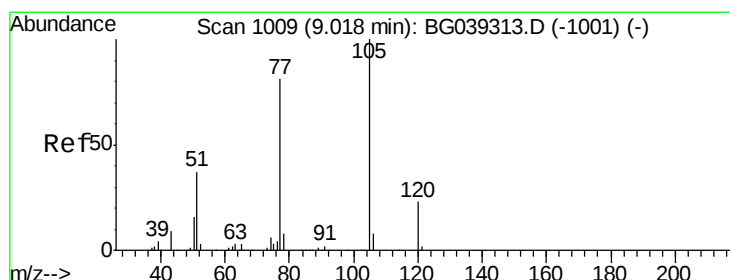
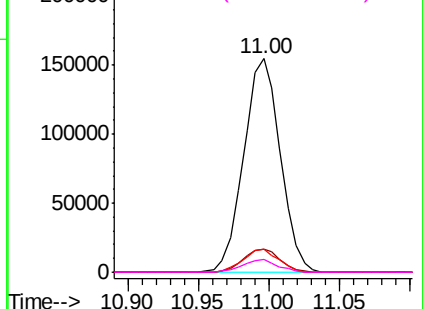


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 42.572 ng

RT: 9.00 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:105 Resp: 321212

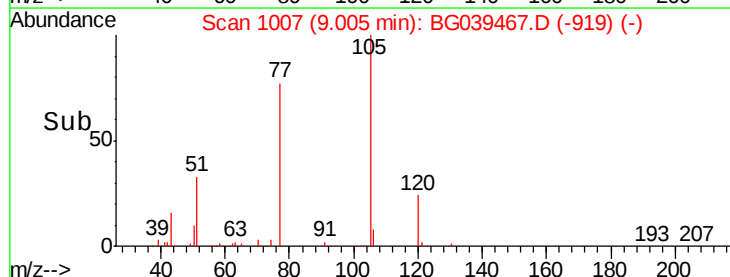
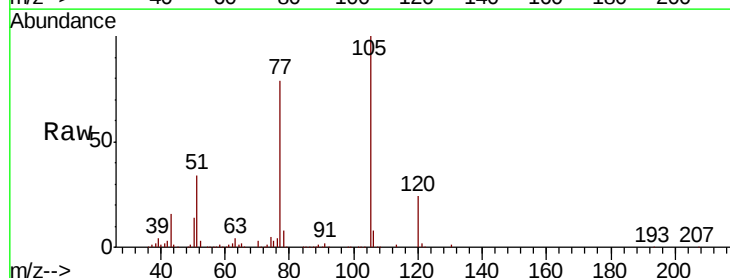
Ion Ratio Lower Upper

105 100

71 0.5 0.8 1.2#

51 33.7 30.2 45.2

120 24.0 18.0 27.0

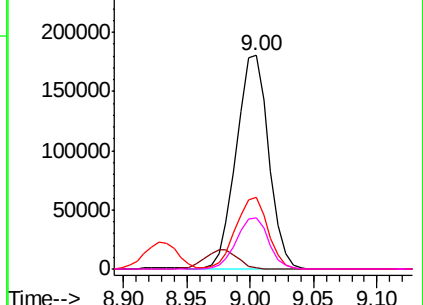


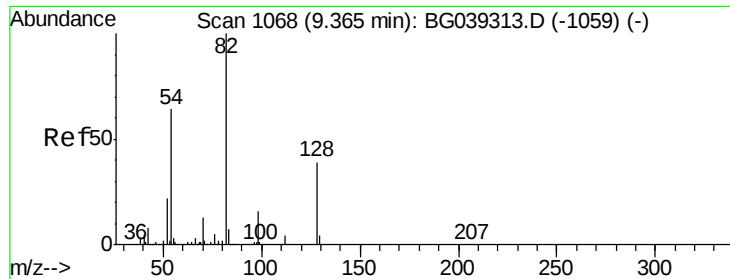
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

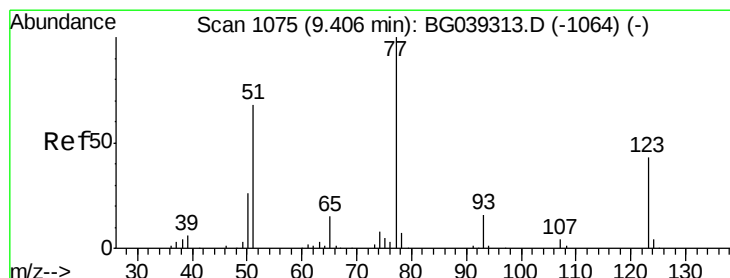
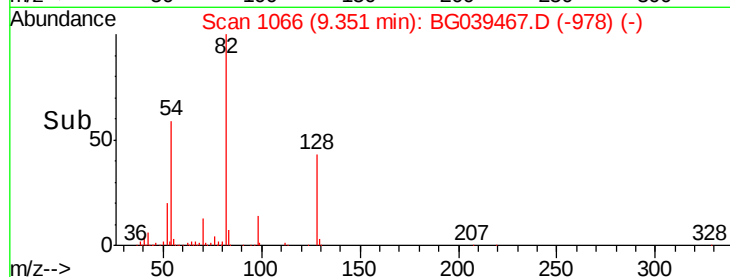
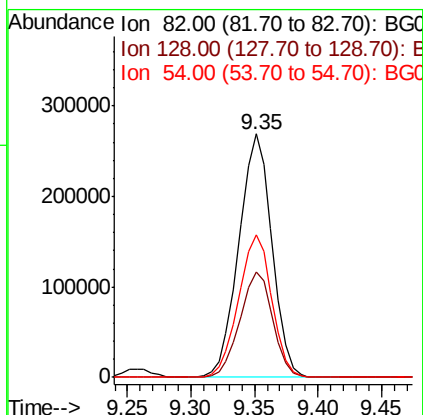
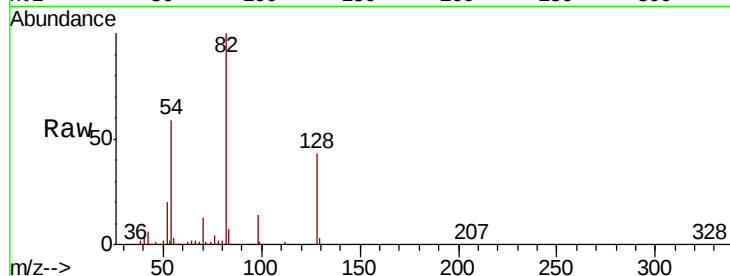




#23
 Nitrobenzene-d5
 Concen: 108.044 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

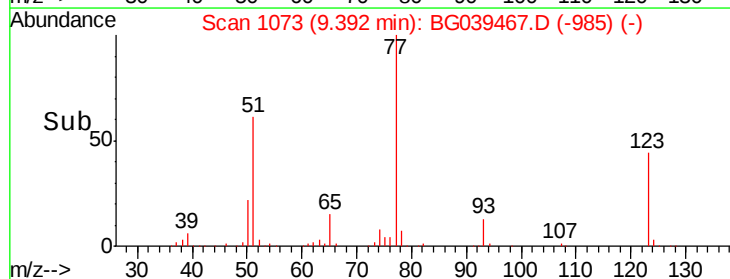
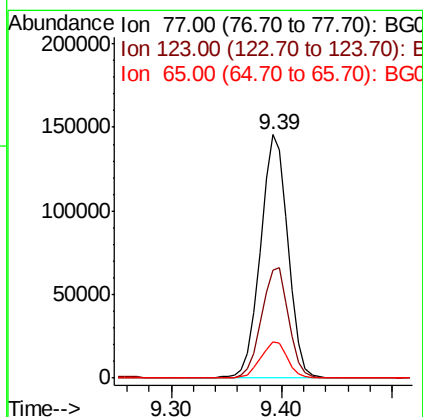
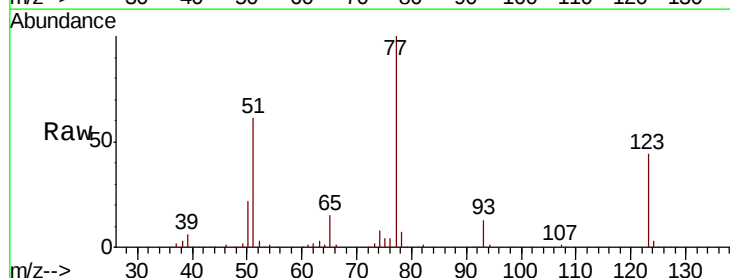
Instrument :
 BNA_G
 ClientSampleId :

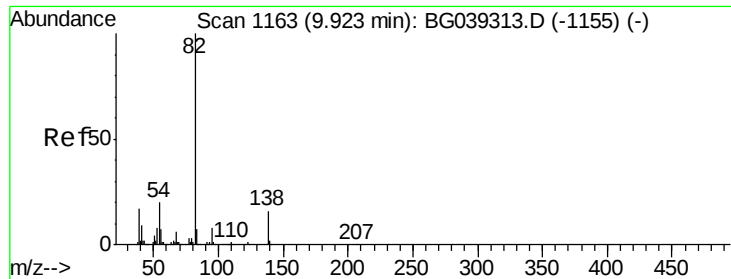
Tgt Ion: 82 Resp: 485793
 Ion Ratio Lower Upper
 82 100
 128 43.1 31.3 46.9
 54 58.5 50.9 76.3



#24
 Nitrobenzene
 Concen: 52.234 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion: 77 Resp: 253725
 Ion Ratio Lower Upper
 77 100
 123 44.1 34.1 51.1
 65 14.8 12.3 18.5





#25

Isophorone

Concen: 50.228 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

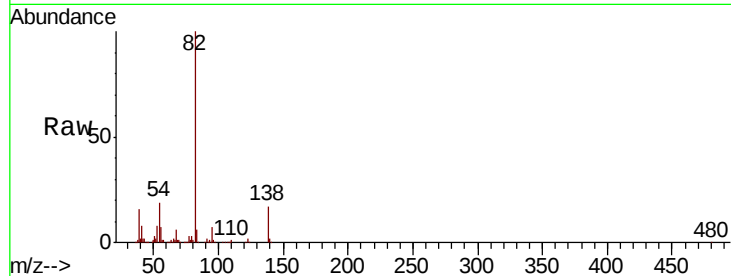
Tgt Ion: 82 Resp: 500460

Ion Ratio Lower Upper

82 100

95 7.3 6.2 9.2

138 17.2 13.0 19.4



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

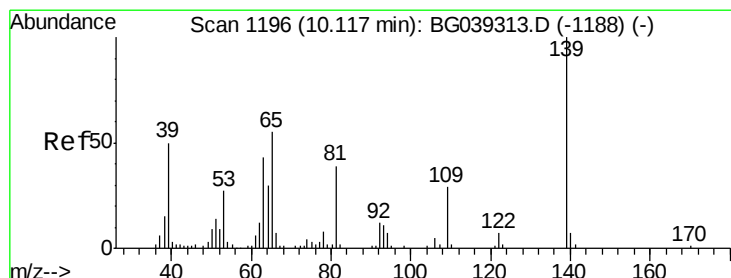
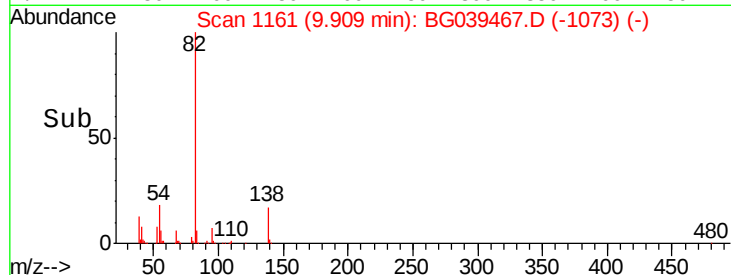
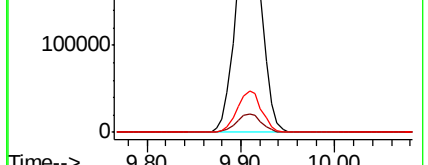
9.91

300000

200000

100000

0



#26

2-Nitrophenol

Concen: 61.140 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

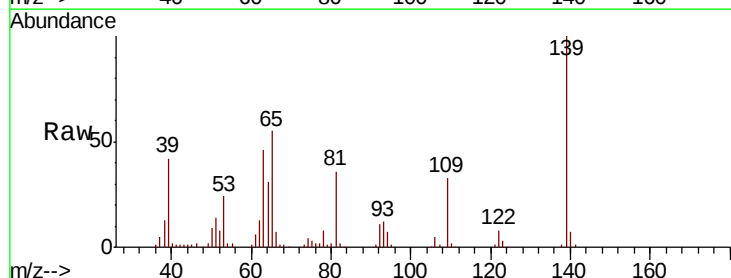
Tgt Ion: 139 Resp: 126706

Ion Ratio Lower Upper

139 100

109 33.2 23.4 35.0

65 54.7 44.3 66.5



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

10.10

100000

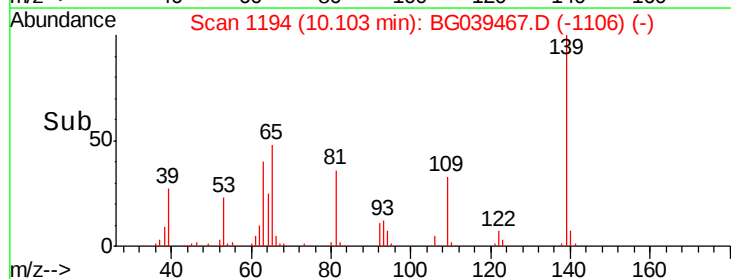
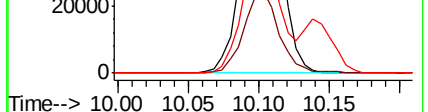
80000

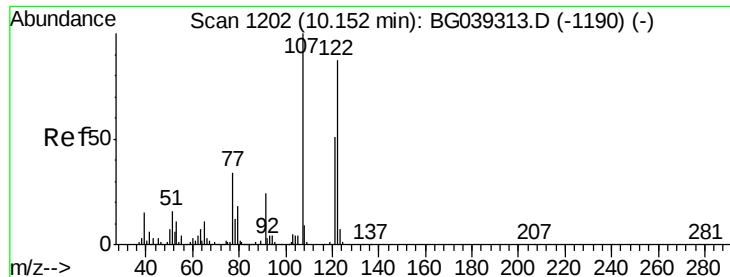
60000

40000

20000

0

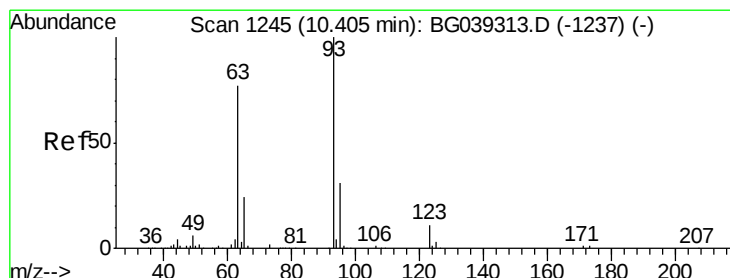
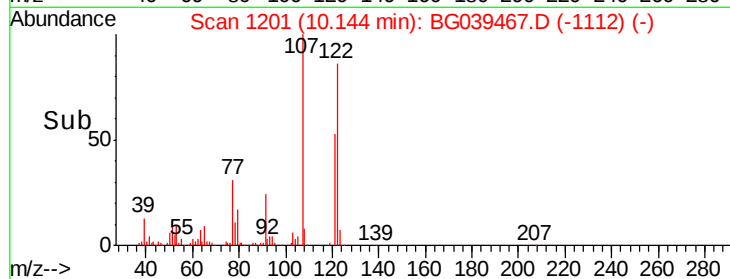
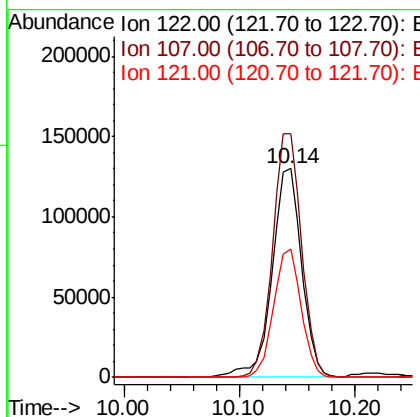
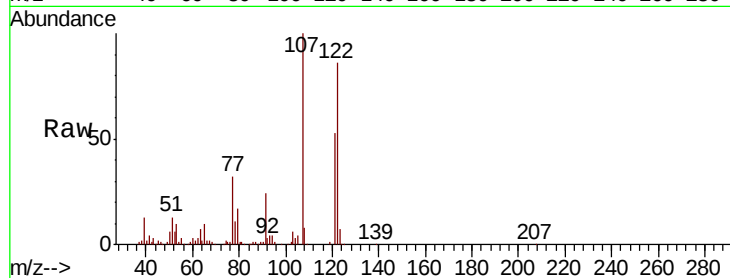




#27
2,4-Dimethylphenol
Concen: 57.397 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

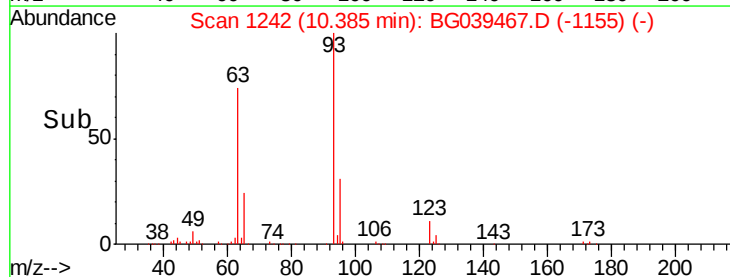
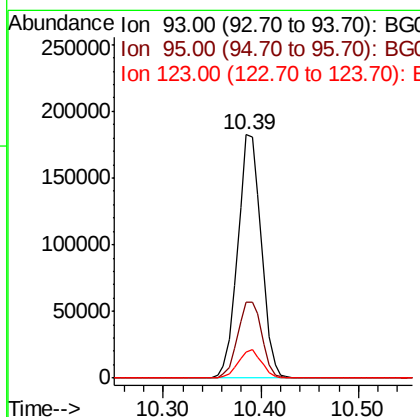
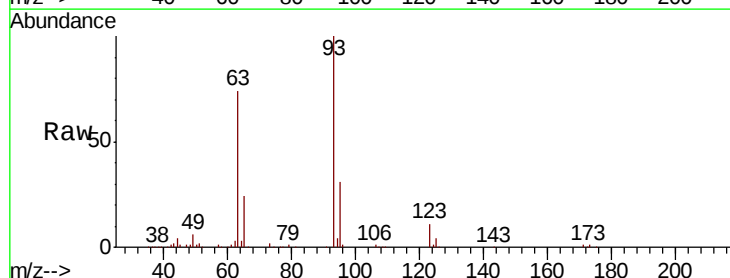
Instrument :
BNA_G
ClientSampleId :

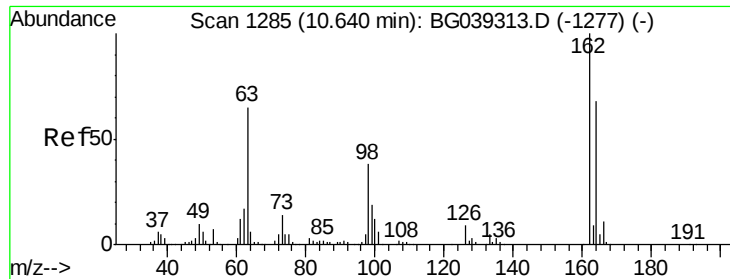
Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.7	137.5
121	61.3	46.4	69.6



#28
bis(2-Chloroethoxy)methane
Concen: 49.650 ng
RT: 10.39 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.0	37.4
123	10.7	8.6	12.8

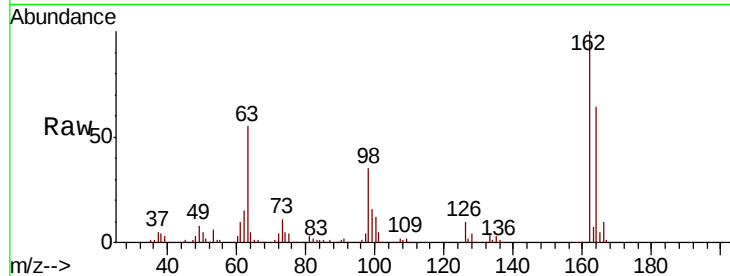




#29
2,4-Dichlorophenol
Concen: 56.422 ng
RT: 10.63 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	248545		
164	63.9	48.1	88.1	
98	34.9	18.1	58.1	

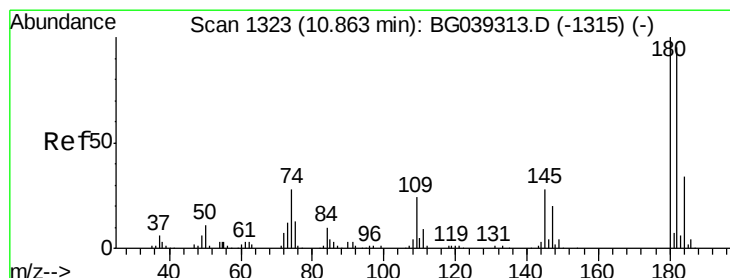
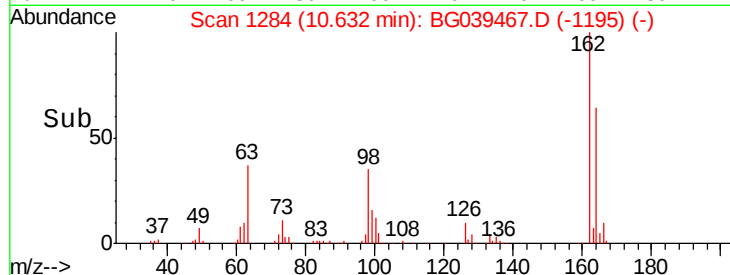
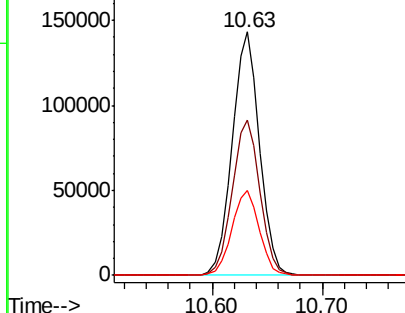


Abundance

Ion 162.00 (161.70 to 162.70): E

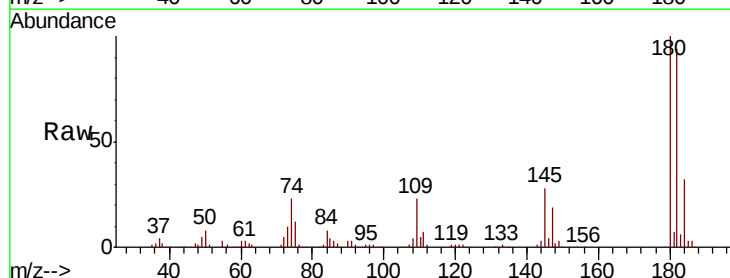
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30
1,2,4-Trichlorobenzene
Concen: 47.011 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	232502		
182	94.0	76.0	114.0	
145	27.6	22.7	34.1	

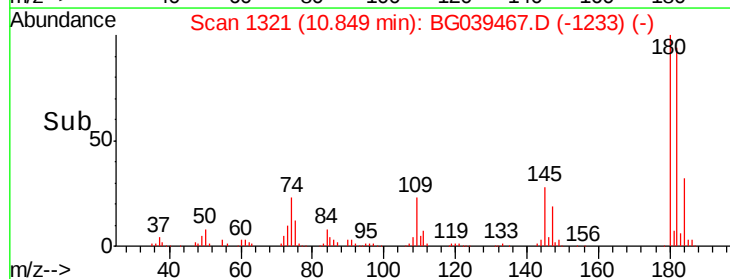
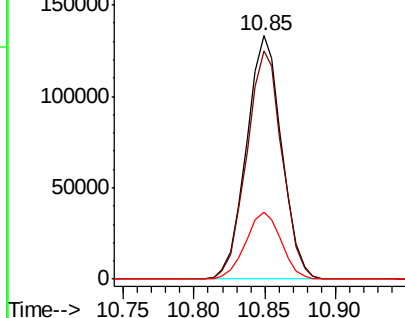


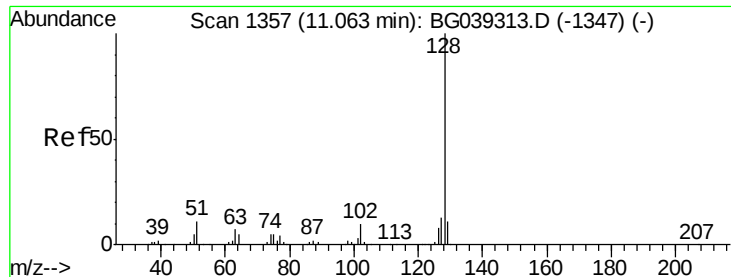
Abundance

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

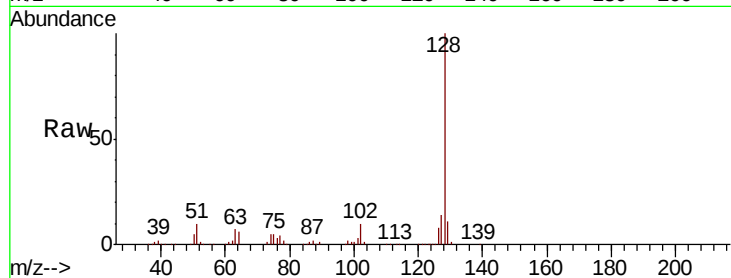




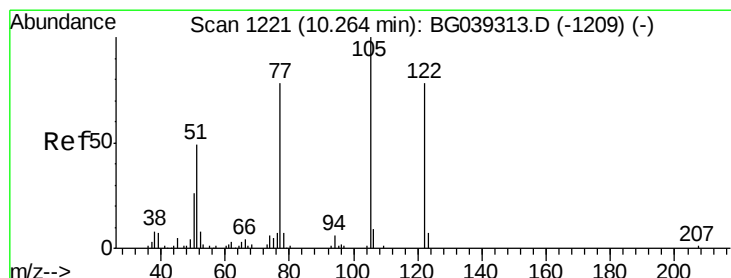
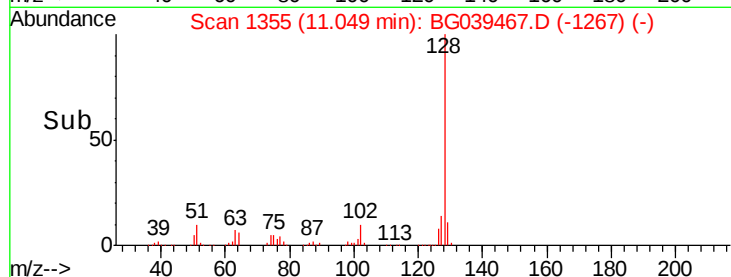
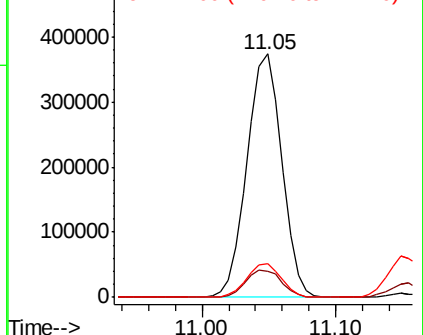
#31
Naphthalene
Concen: 48.395 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:128 Resp: 674368
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.8 10.8 16.2

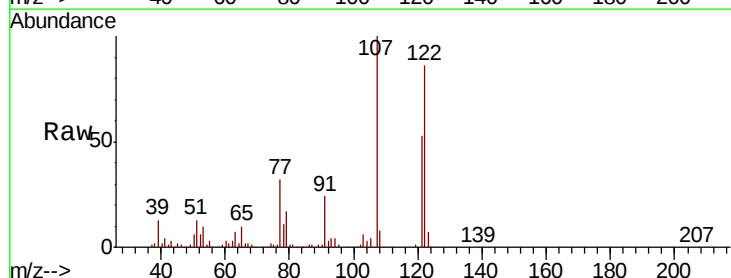


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

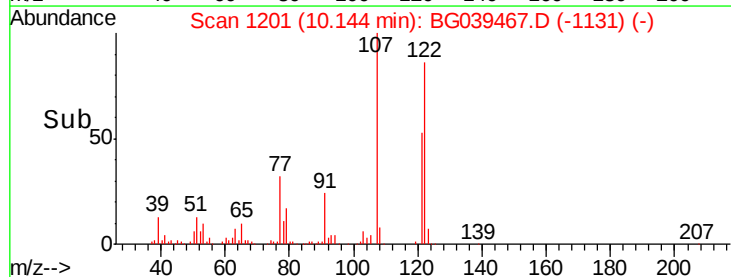
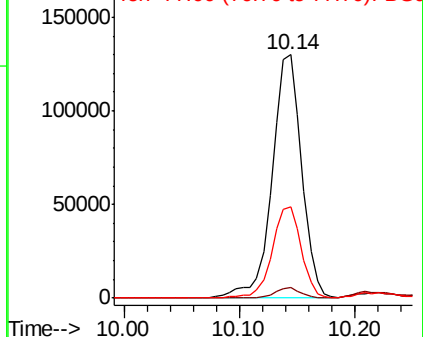


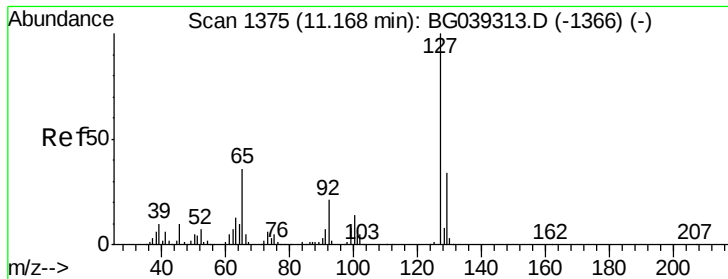
#32
Benzoic acid
Concen: 80.200 ng
RT: 10.14 min Scan# 1201
Delta R.T. -0.12 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:122 Resp: 231341
Ion Ratio Lower Upper
122 100
105 4.3 101.8 141.8#
77 37.4 76.3 116.3#



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

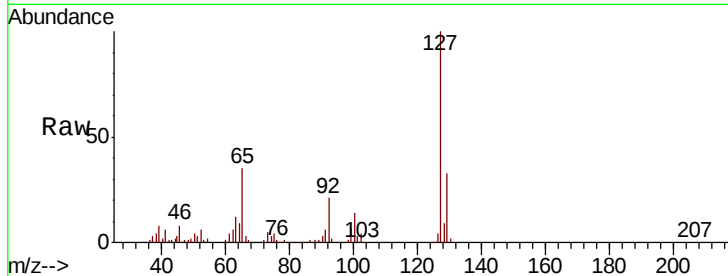




#33
4-Chloroaniline
Concen: 18.000 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	127	Resp:	116298
Ion	Ratio	Lower	Upper
127	100		
129	32.7	27.0	40.4
65	35.3	28.8	43.2
92	20.9	16.6	25.0



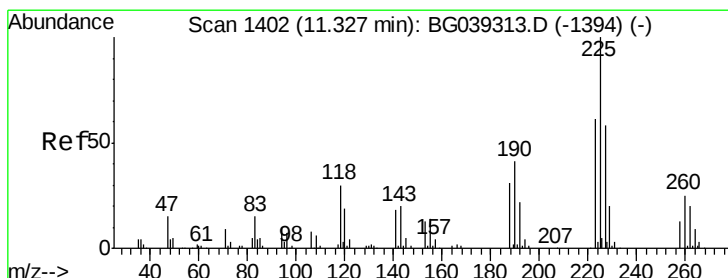
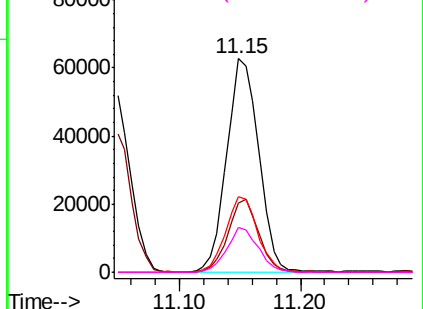
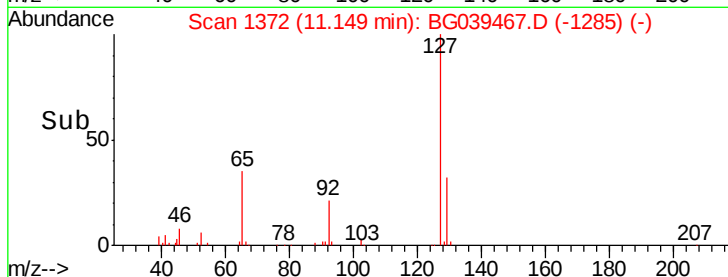
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

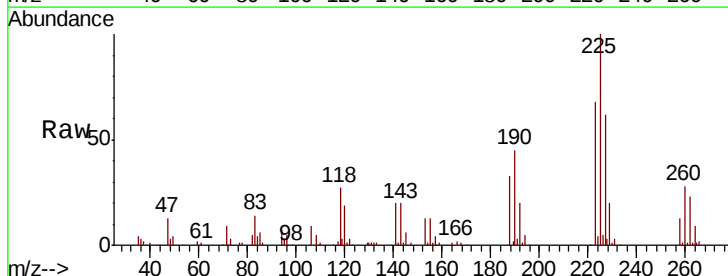
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 43.508 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:	225	Resp:	143097
Ion	Ratio	Lower	Upper
225	100		
223	67.8	49.0	73.6
227	62.1	46.3	69.5

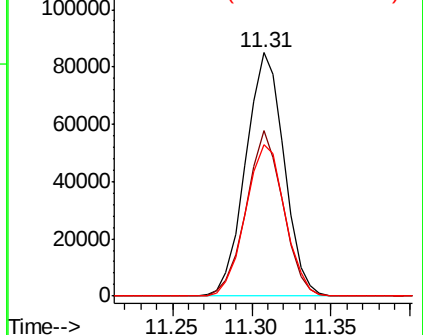
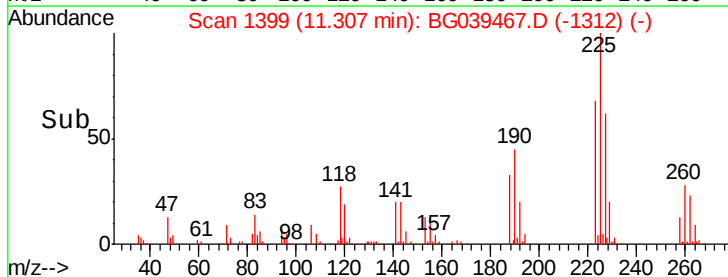


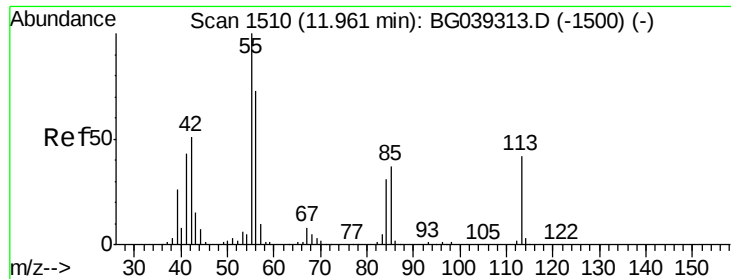
Abundance

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: 30.781 ng

RT: 11.94 min Scan# 1507

Delta R.T. -0.02 min

Lab File: BG039467.D

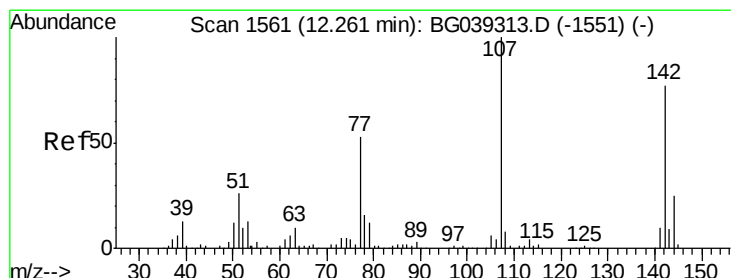
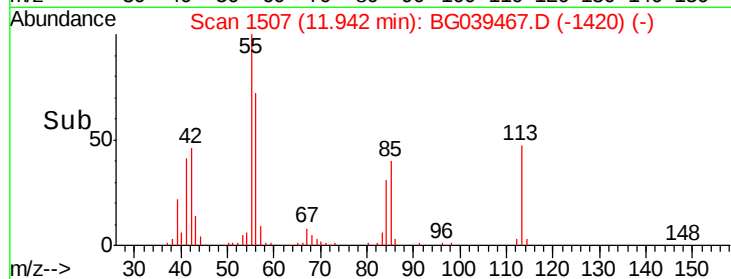
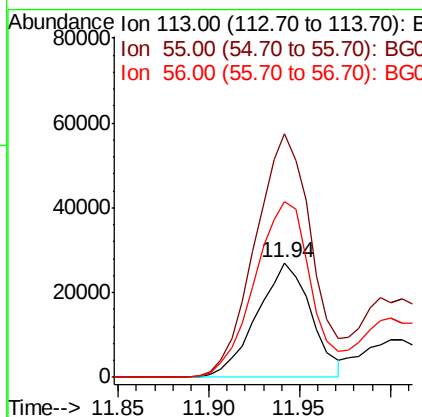
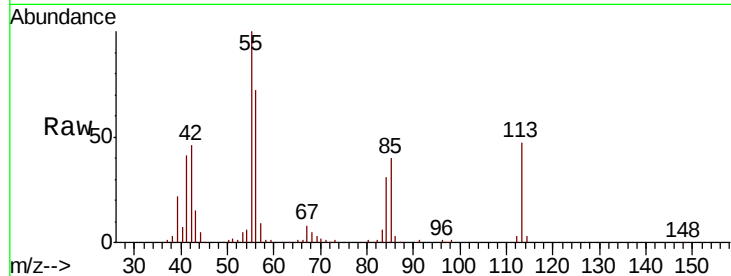
Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampled :

Tgt Ion:113 Resp: 56110
 Ion Ratio Lower Upper
 113 100
 55 212.9 216.9 256.9#
 56 153.6 152.6 192.6



#36

4-Chloro-3-methylphenol

Concen: 53.412 ng

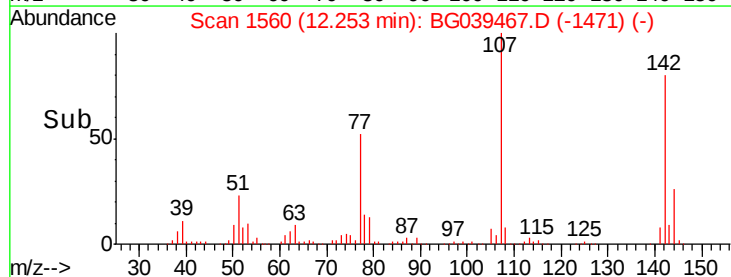
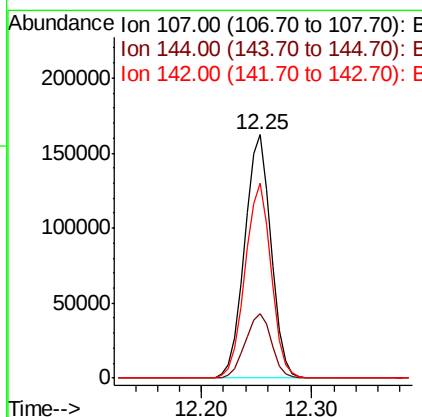
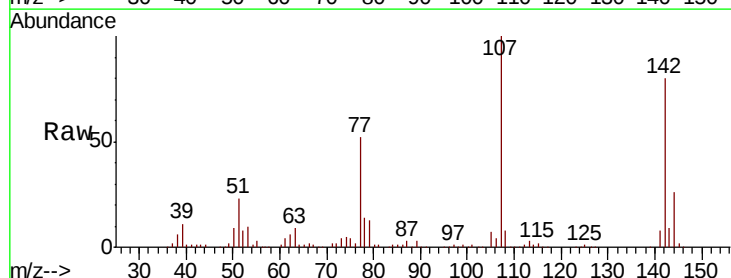
RT: 12.25 min Scan# 1560

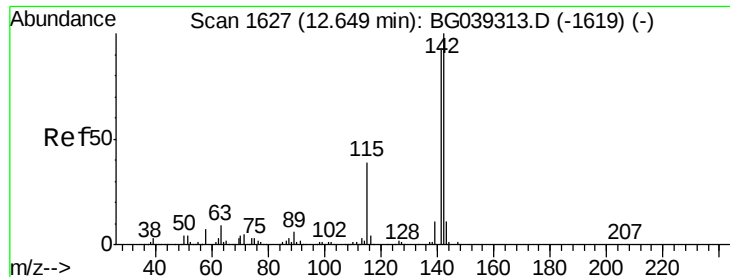
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:107 Resp: 272107
 Ion Ratio Lower Upper
 107 100
 144 26.4 20.2 30.2
 142 79.9 61.4 92.2





#37

2-Methylnaphthalene

Concen: 50.695 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

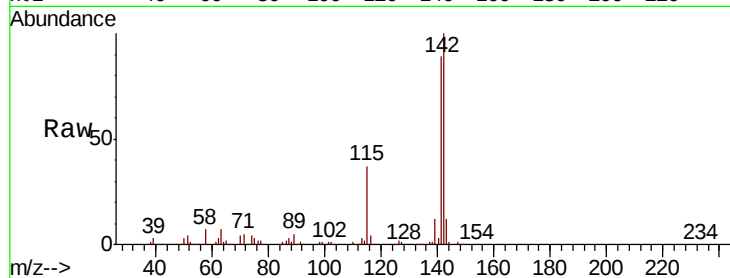
Tgt Ion:142 Resp: 523210

Ion Ratio Lower Upper

142 100

141 89.3 73.5 110.3

115 36.6 30.8 46.2

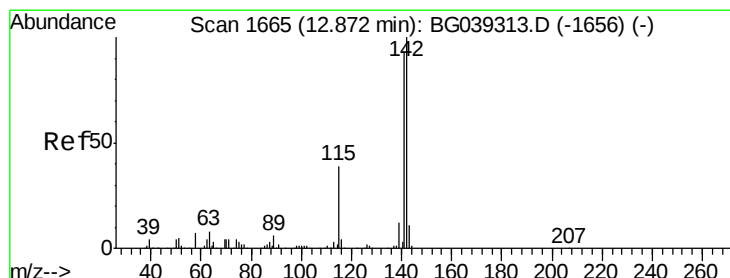
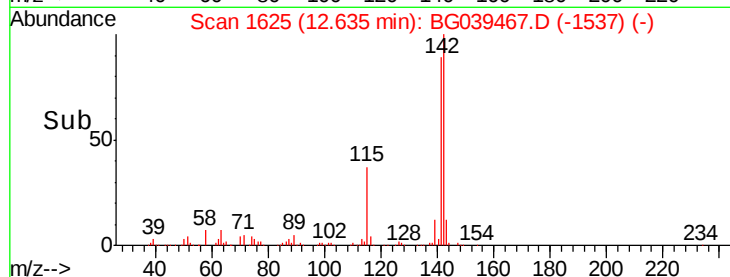
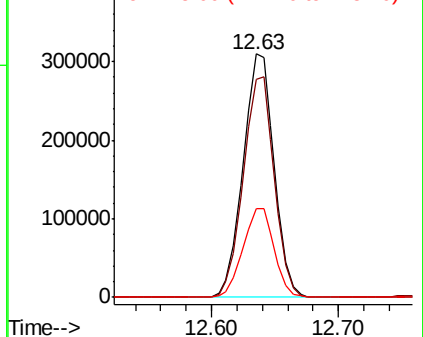


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 50.690 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

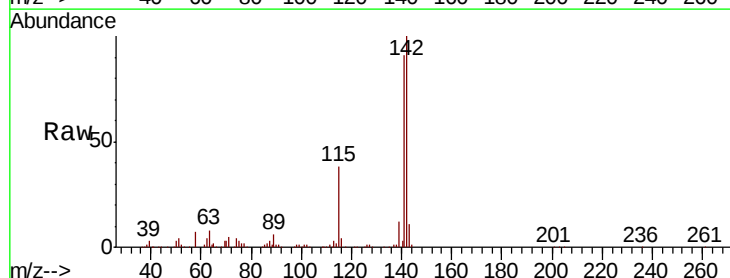
Tgt Ion:142 Resp: 504305

Ion Ratio Lower Upper

142 100

141 90.9 74.2 111.4

116 3.9 3.0 4.6

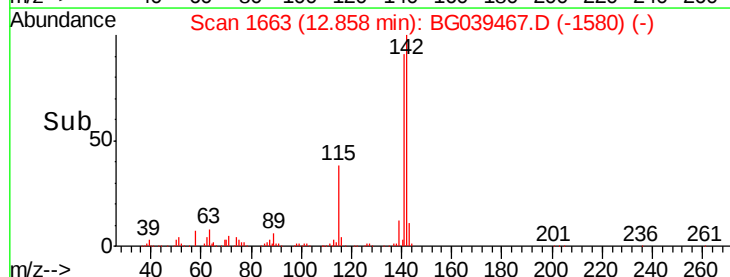
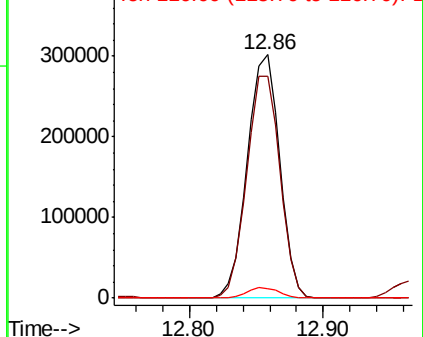


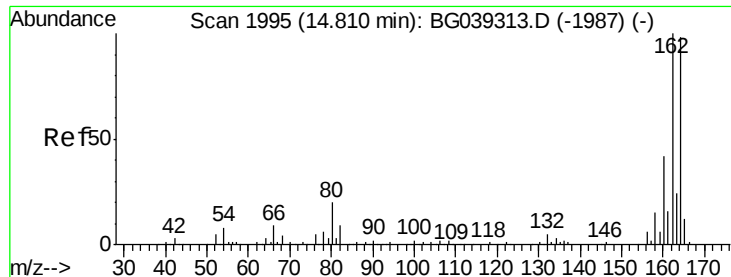
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

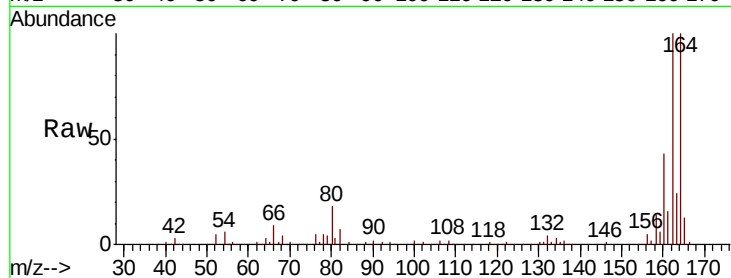
Tgt Ion:164 Resp: 197669

Ion Ratio Lower Upper

164 100

162 100.3 81.6 122.4

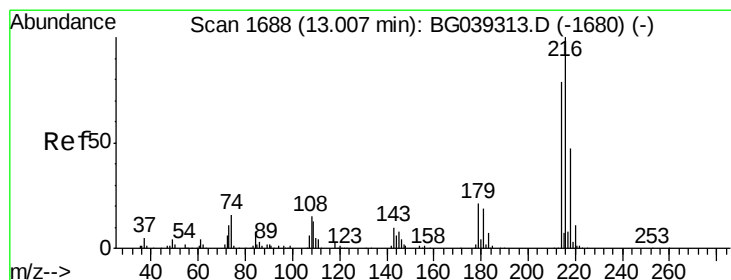
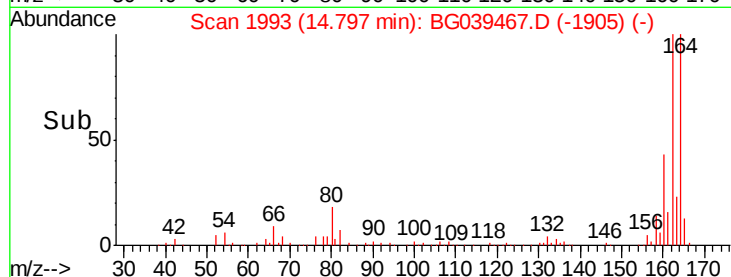
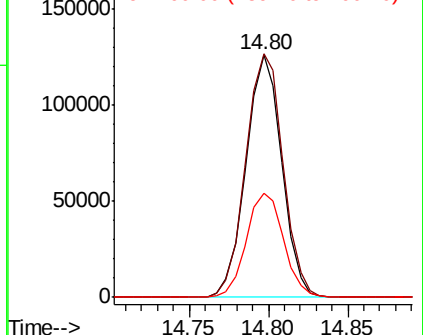
160 43.1 34.2 51.2



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: 46.553 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:216 Resp: 292785

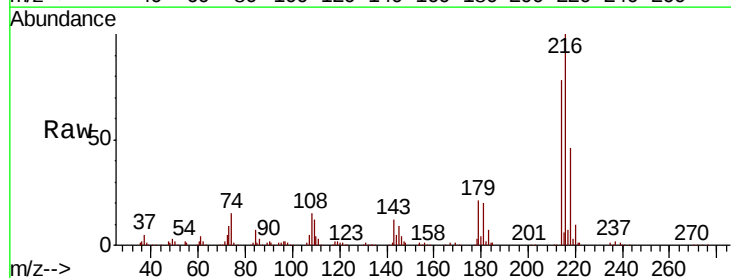
Ion Ratio Lower Upper

216 100

214 79.1 62.6 94.0

179 20.7 16.6 25.0

108 17.5 14.0 21.0

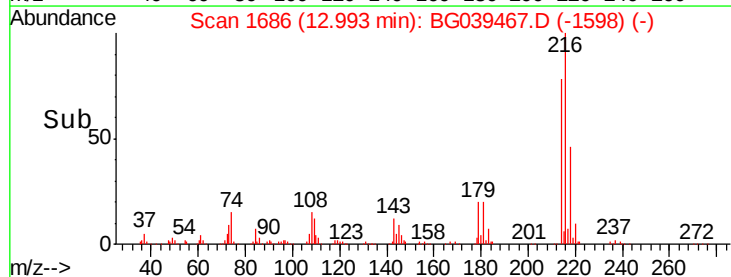
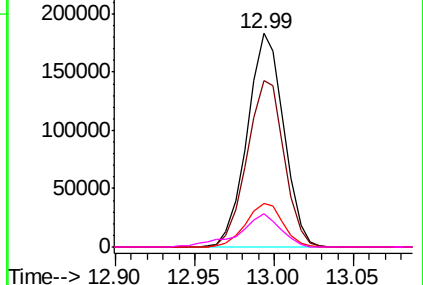


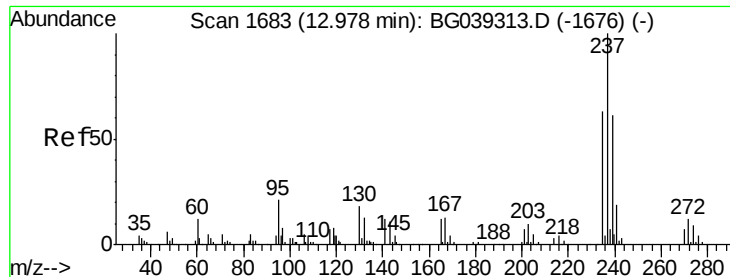
Abundance Ion 216.00 (215.70 to 216.70): E

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

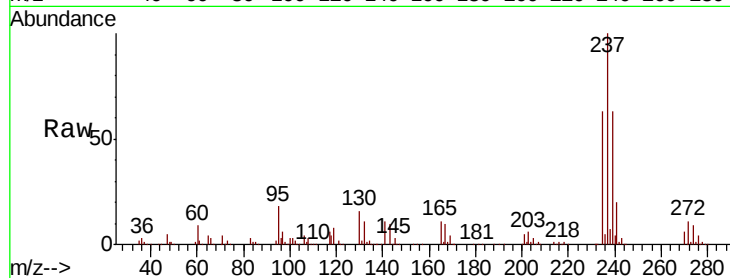




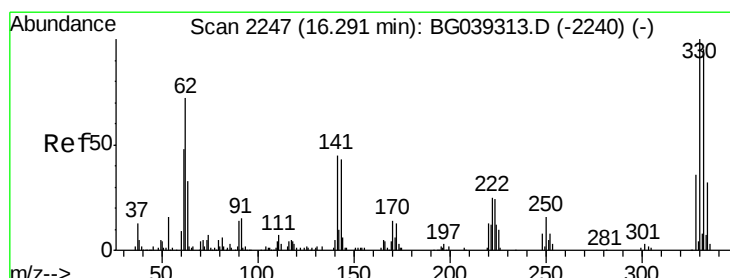
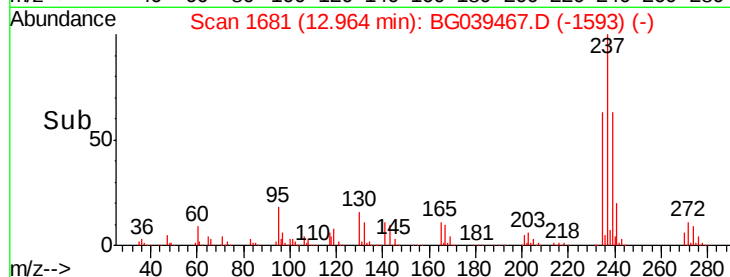
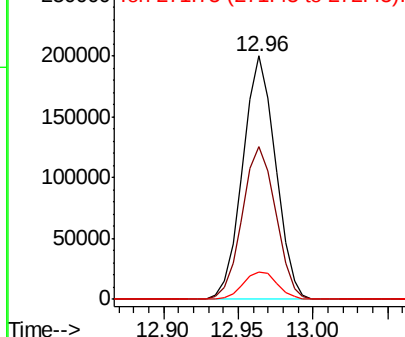
#41
Hexachlorocyclopentadiene
Concen: 88.835 ng
RT: 12.96 min Scan# 1681
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 237 Resp: 304448
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 11.1 0.0 32.3

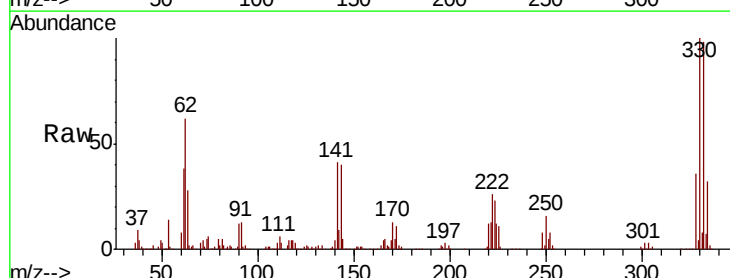


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

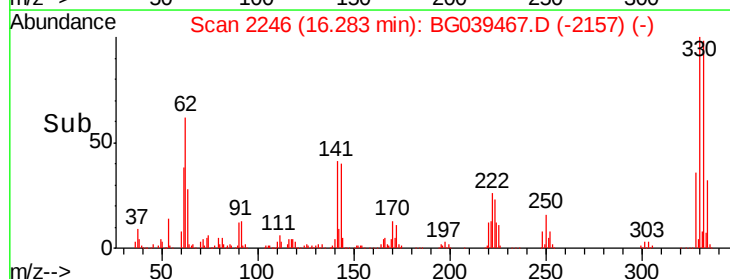
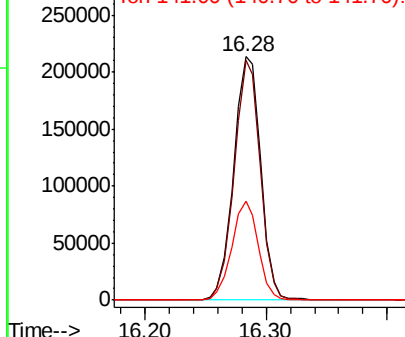


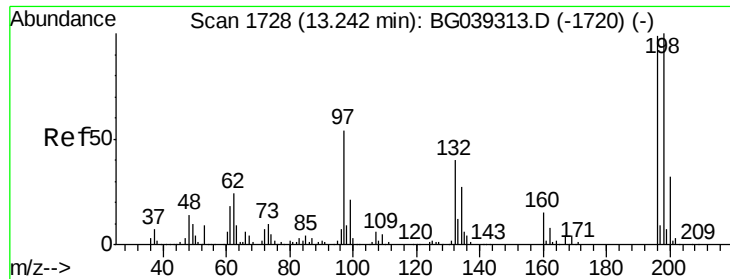
#42
2,4,6-Tribromophenol
Concen: 155.748 ng
RT: 16.28 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion: 330 Resp: 331519
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 39.7 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

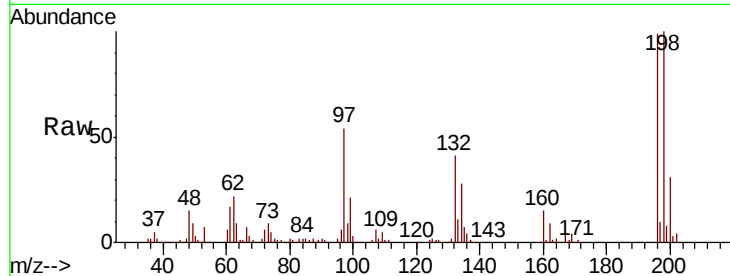




#43
 2,4,6-Trichlorophenol
 Concen: 53.382 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
196	100		
198	101.5	80.6	121.0
200	31.6	26.1	39.1

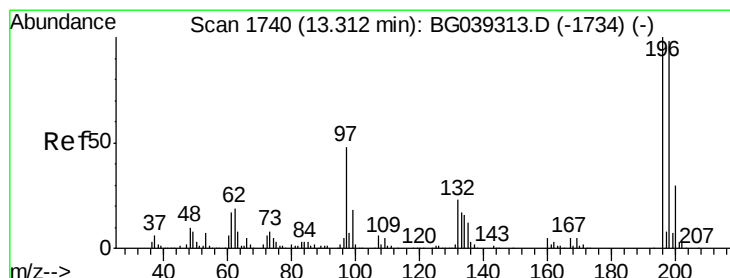
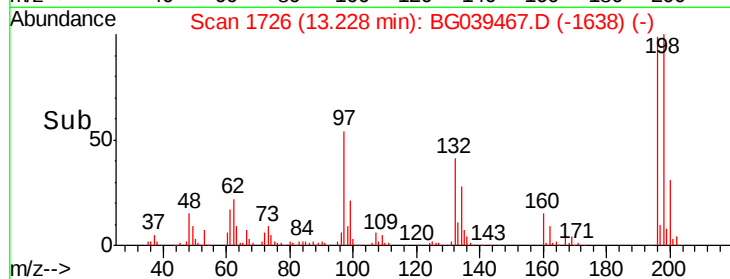
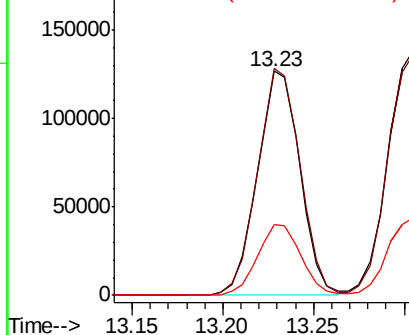


Abundance

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: 55.703 ng
 RT: 13.30 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.7	78.5	117.7
97	45.1	38.4	57.6
132	25.9	19.2	28.8

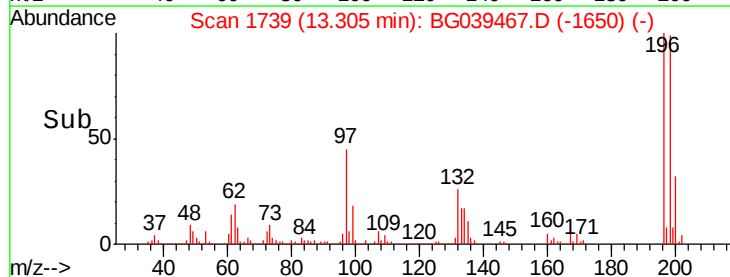
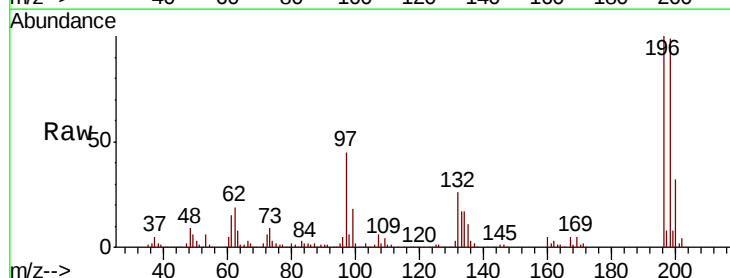
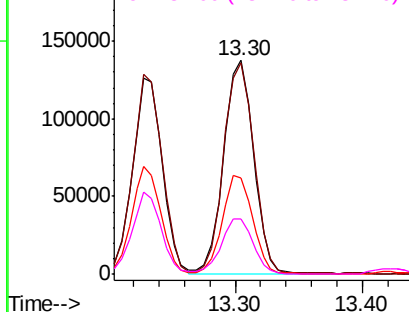
Abundance

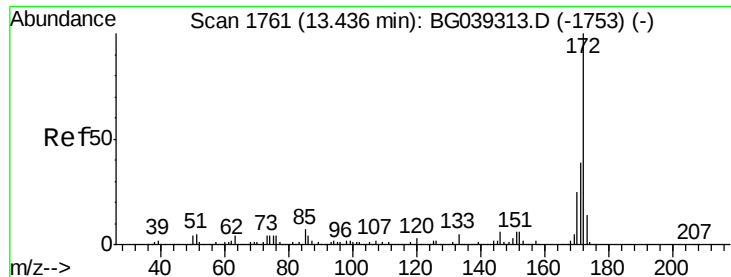
Ion 196.00 (195.70 to 196.70): E

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

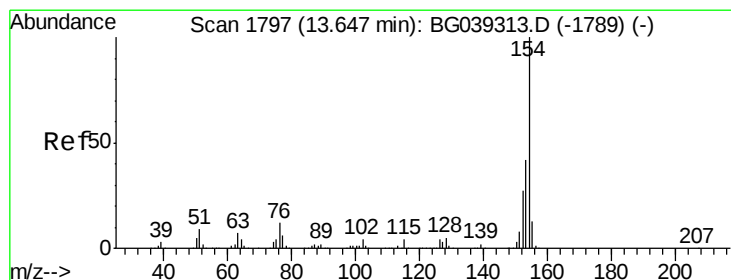
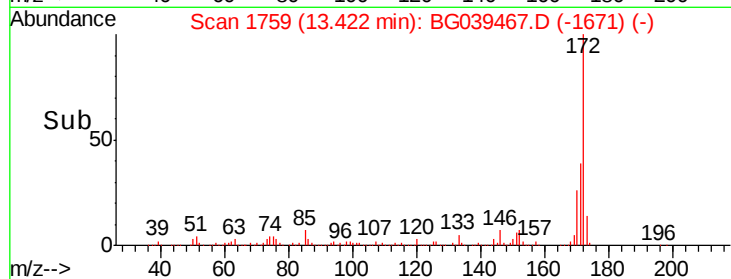
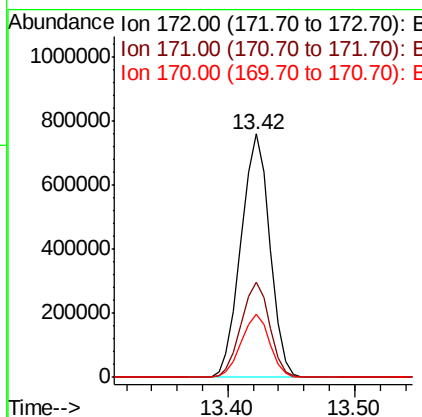
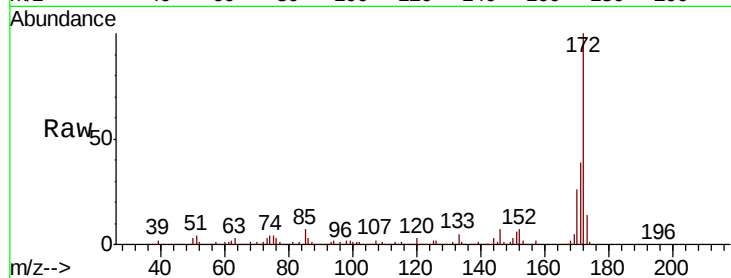




#45
 2-Fluorobiphenyl
 Concen: 86.743 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

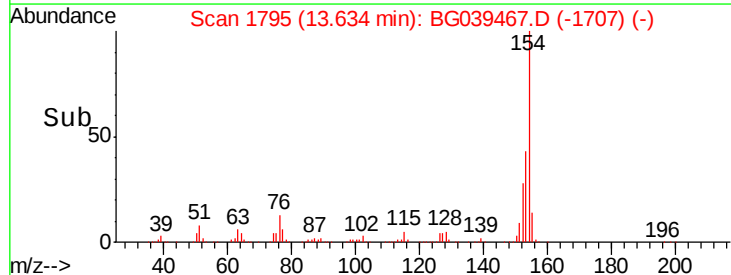
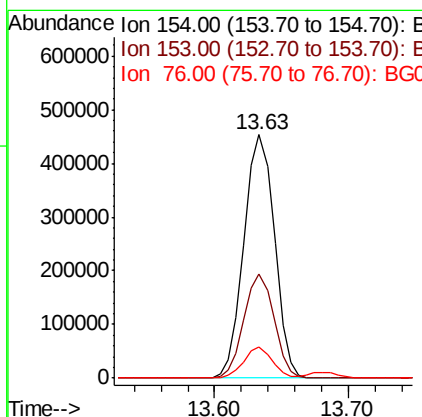
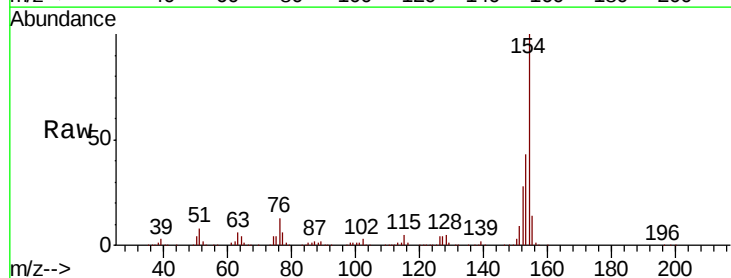
Instrument :
 BNA_G
 ClientSampled :

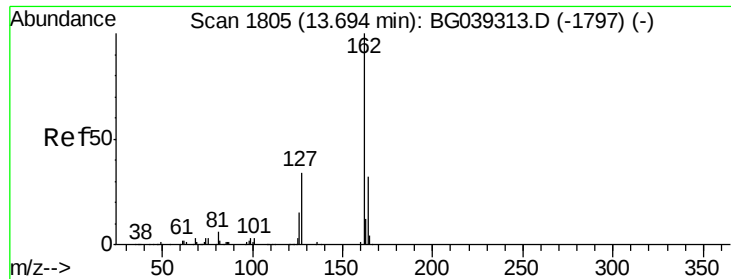
Tgt Ion:172 Resp: 1195250
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.8 46.2
 170 25.9 20.2 30.4



#46
 1,1'-Biphenyl
 Concen: 43.655 ng
 RT: 13.63 min Scan# 1795
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:154 Resp: 717979
 Ion Ratio Lower Upper
 154 100
 153 42.9 22.1 62.1
 76 12.6 0.0 32.4





#47

2-Chloronaphthalene

Concen: 44.747 ng

RT: 13.68 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BG039467.D

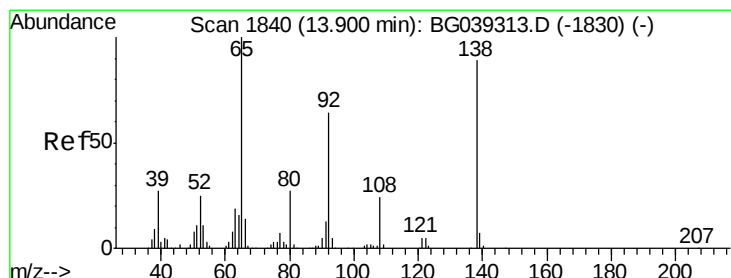
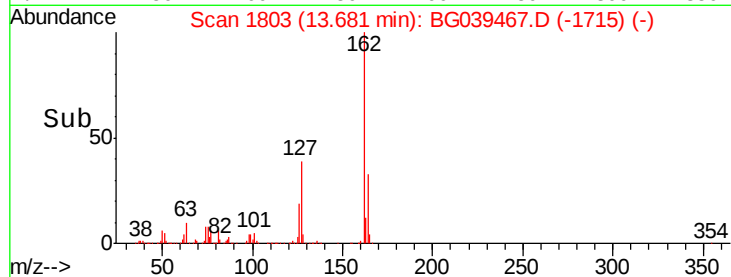
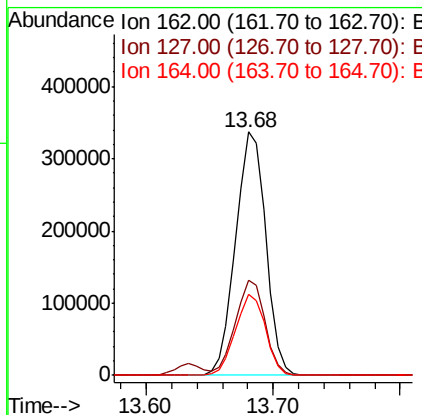
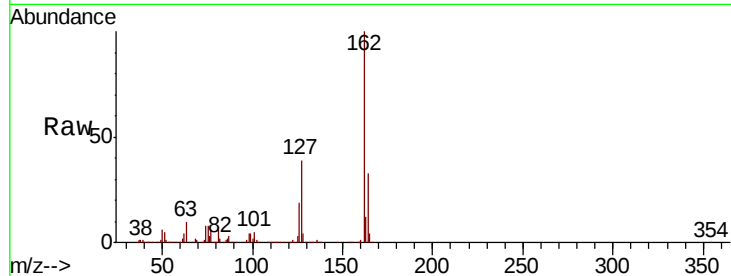
Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	162	Resp:	553626
Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.0	46.6
164	33.3	25.7	38.5



#48

2-Nitroaniline

Concen: 53.599 ng

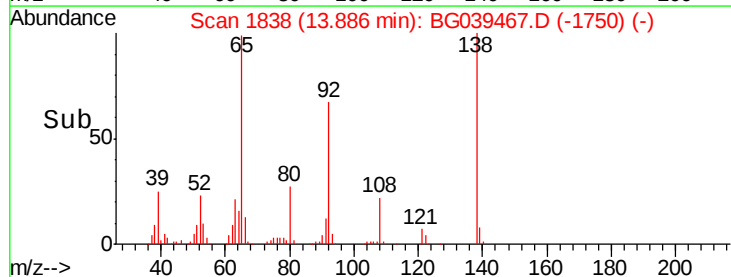
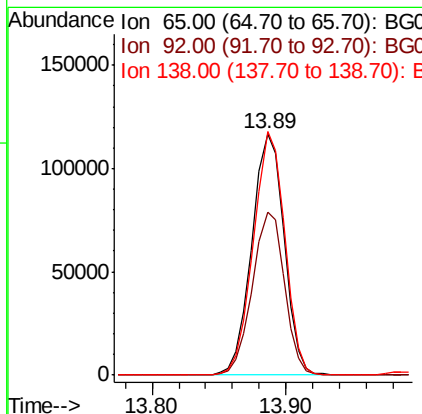
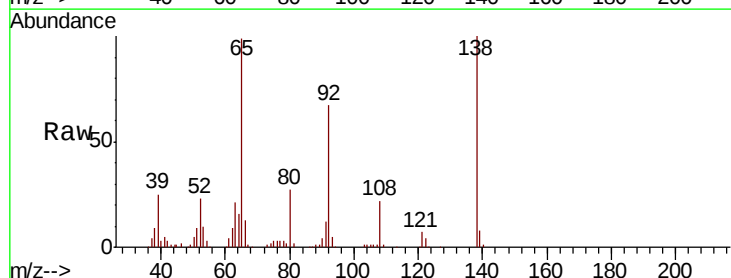
RT: 13.89 min Scan# 1838

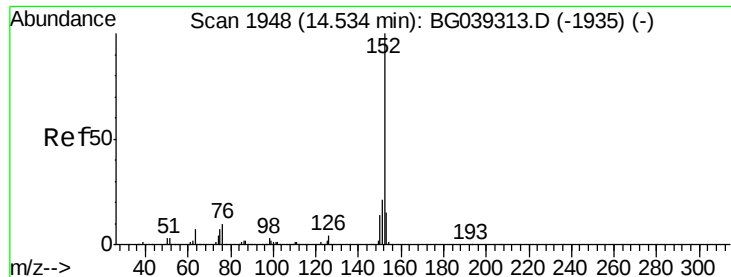
Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:	65	Resp:	194656
Ion	Ratio	Lower	Upper
65	100		
92	67.5	51.4	77.2
138	100.9	71.4	107.2





#49

Acenaphthylene

Concen: 47.853 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

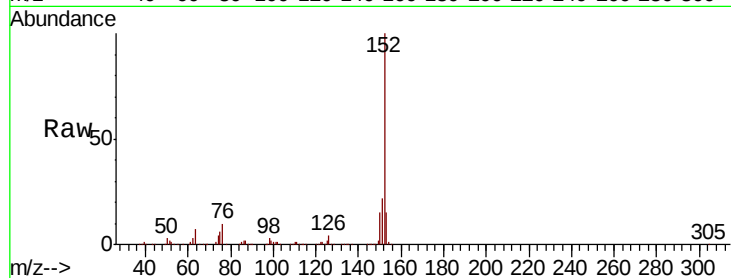
Tgt Ion:152 Resp: 893374

Ion Ratio Lower Upper

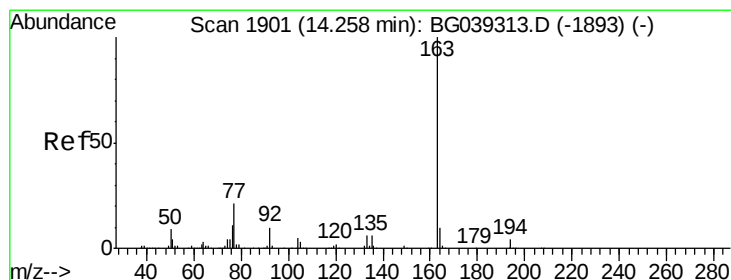
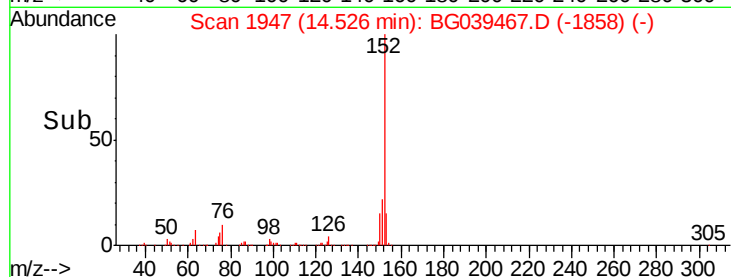
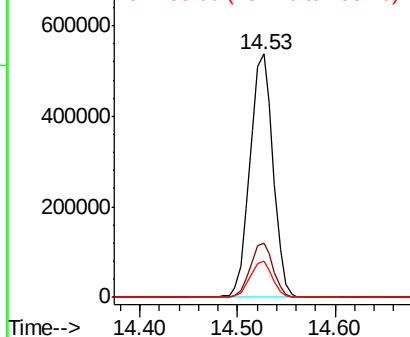
152 100

151 22.2 16.8 25.2

153 15.1 11.7 17.5



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



#50

Dimethylphthalate

Concen: 52.289 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

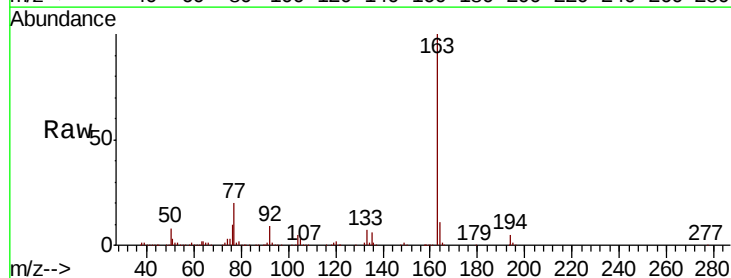
Tgt Ion:163 Resp: 834774

Ion Ratio Lower Upper

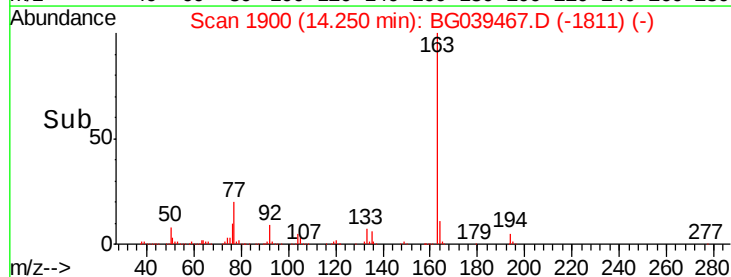
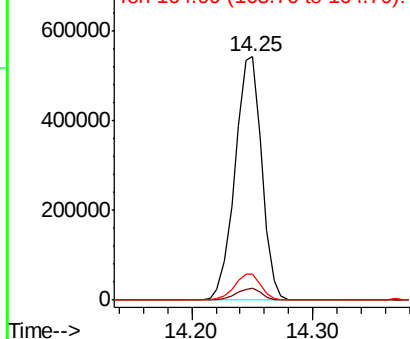
163 100

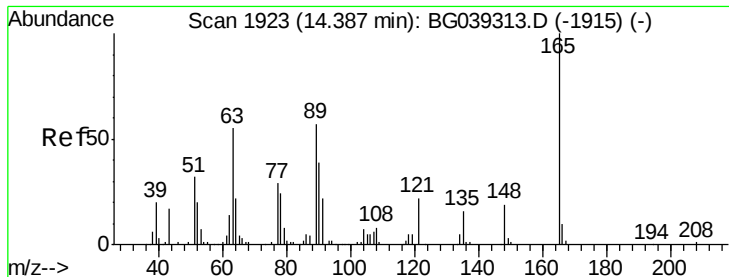
194 5.0 3.6 5.4

164 10.8 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: 55.052 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

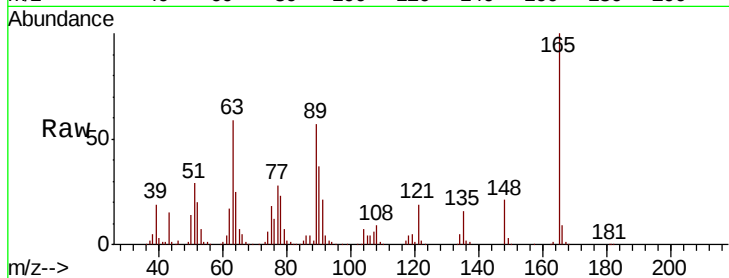
Tgt Ion:165 Resp: 167588

Ion Ratio Lower Upper

165 100

63 58.6 47.0 70.6

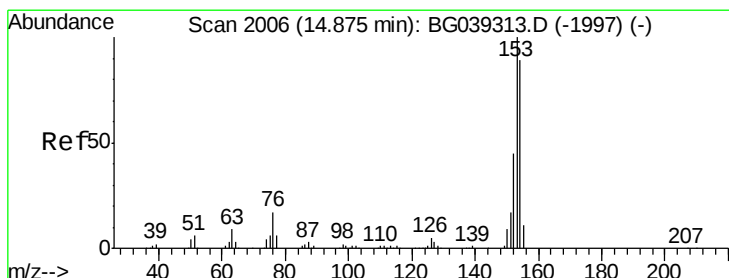
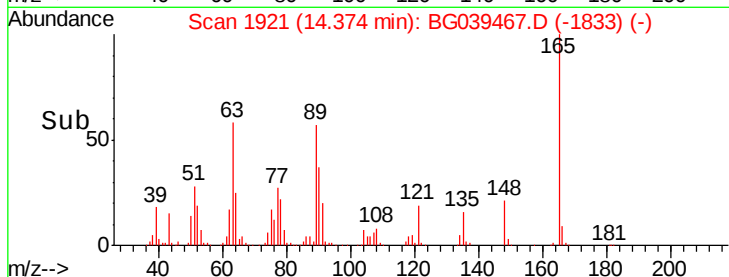
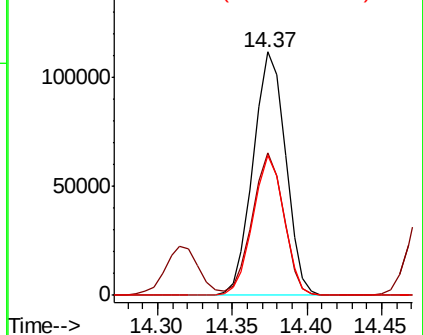
89 57.3 45.8 68.8



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: 45.649 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

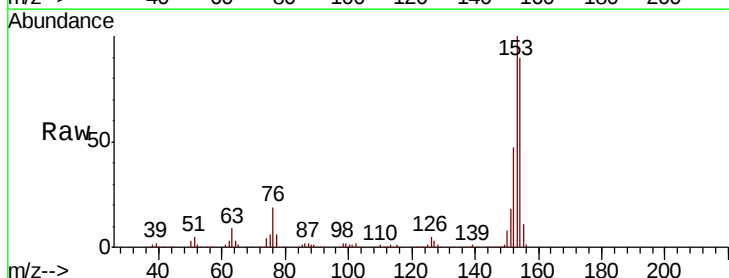
Tgt Ion:154 Resp: 553189

Ion Ratio Lower Upper

154 100

153 111.3 90.1 135.1

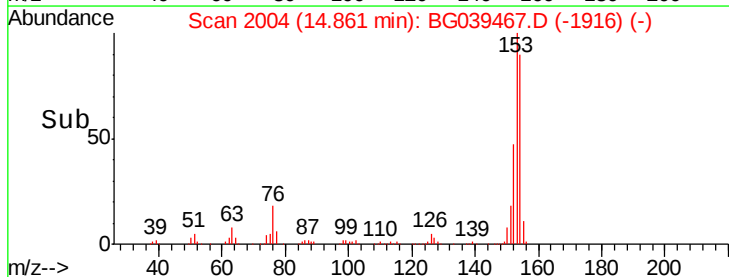
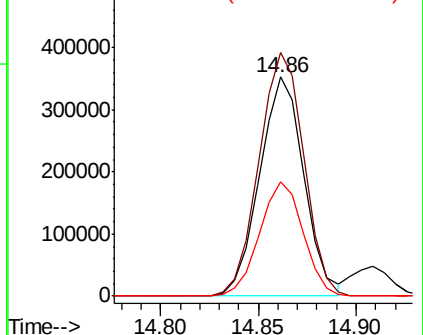
152 52.1 40.9 61.3

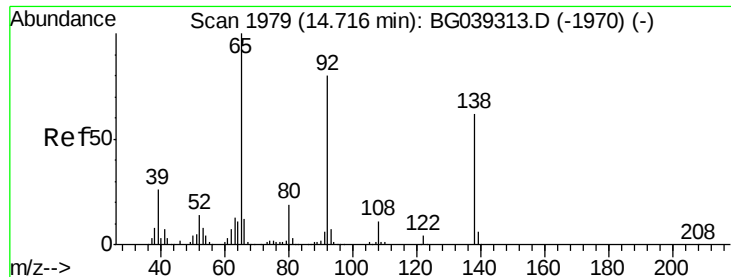


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

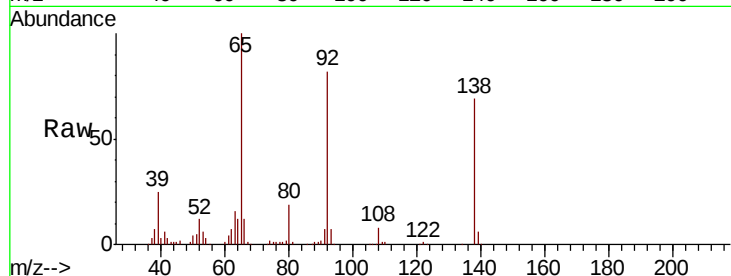




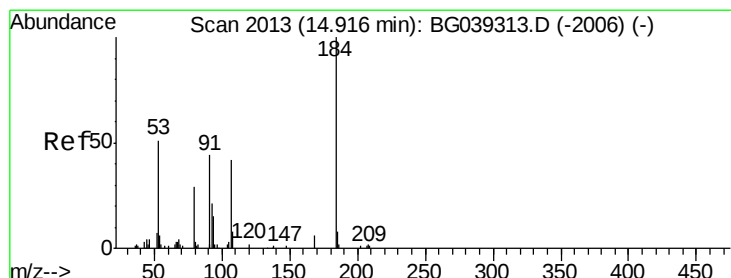
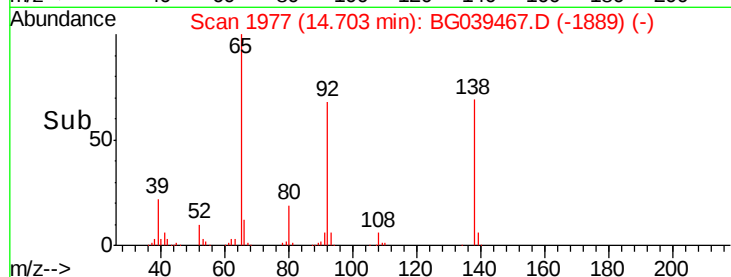
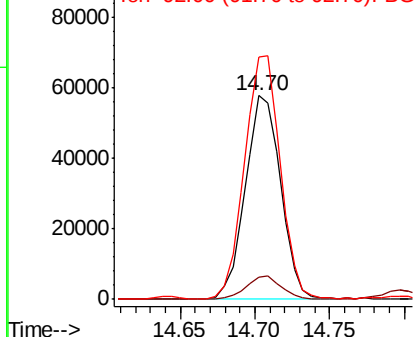
#53
3-Nitroaniline
Concen: 31.546 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:138 Resp: 94291
Ion Ratio Lower Upper
138 100
108 10.9 13.8 20.8#
92 119.0 103.7 155.5

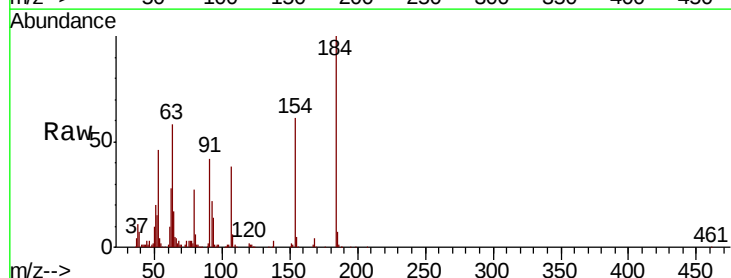


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

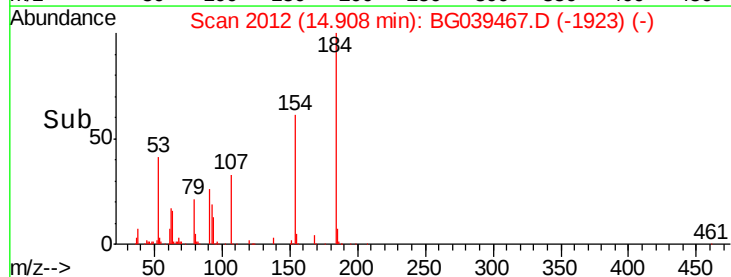
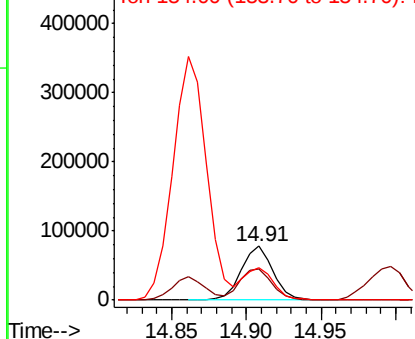


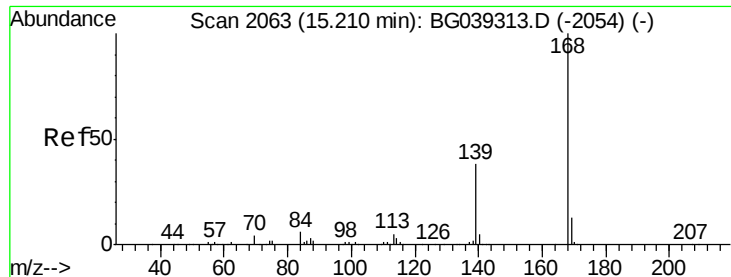
#54
2,4-Dinitrophenol
Concen: 84.345 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:184 Resp: 114283
Ion Ratio Lower Upper
184 100
63 58.0 50.9 76.3
154 60.8 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

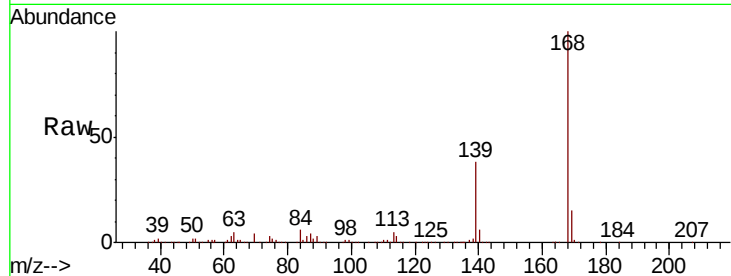




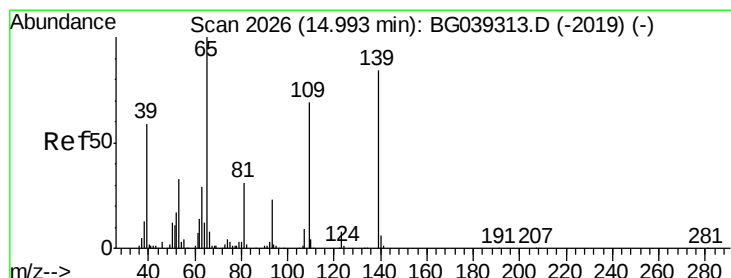
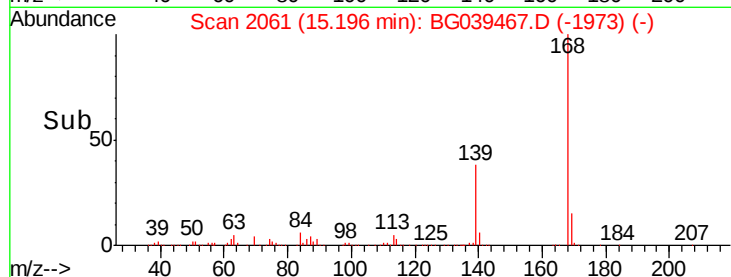
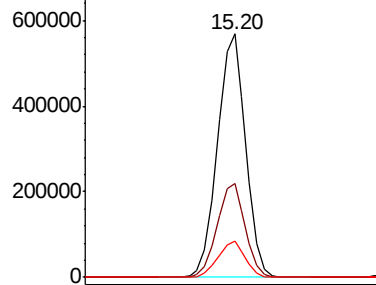
#55
Dibenzofuran
Concen: 44.866 ng
RT: 15.20 min Scan# 2061
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:168 Resp: 871736
Ion Ratio Lower Upper
168 100
139 38.3 30.1 45.1
169 14.9 10.6 16.0

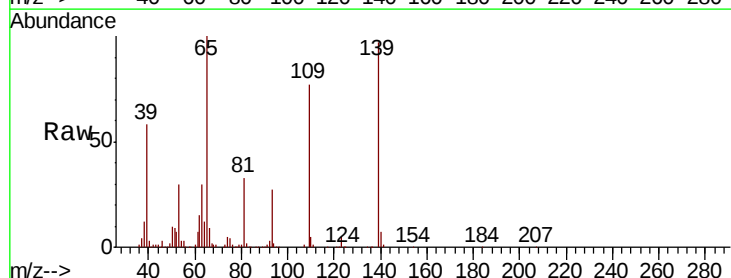


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

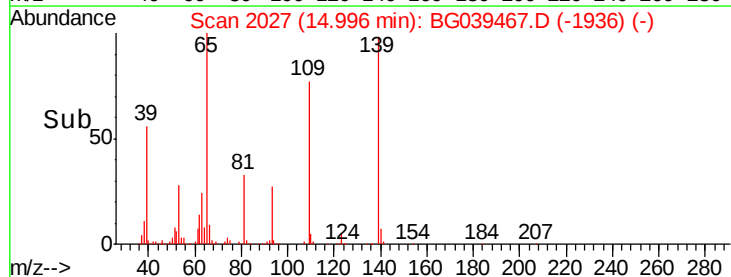
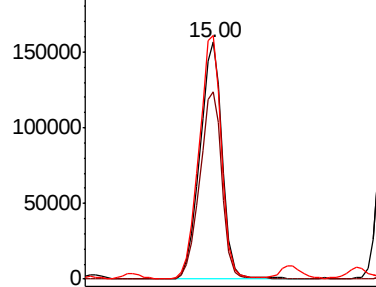


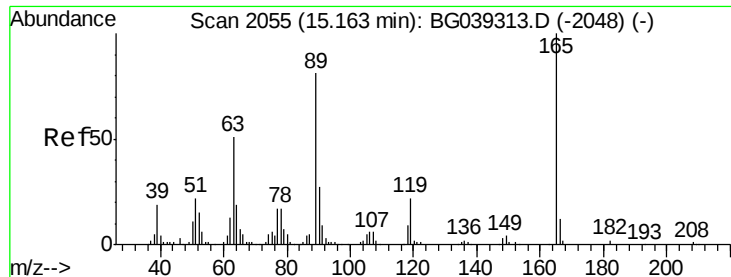
#56
4-Nitrophenol
Concen: 91.504 ng
RT: 15.00 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:139 Resp: 266722
Ion Ratio Lower Upper
139 100
109 79.2 61.9 101.9
65 102.7 99.1 139.1



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





#57

2,4-Dinitrotoluene

Concen: 58.701 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:165 Resp: 232319

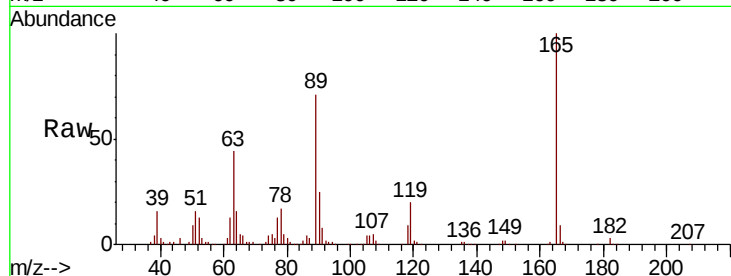
Ion Ratio Lower Upper

165 100

63 44.4 41.0 61.6

89 70.9 64.6 96.8

182 3.0 2.0 3.0

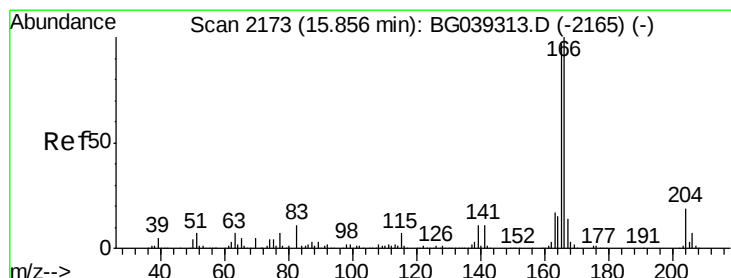
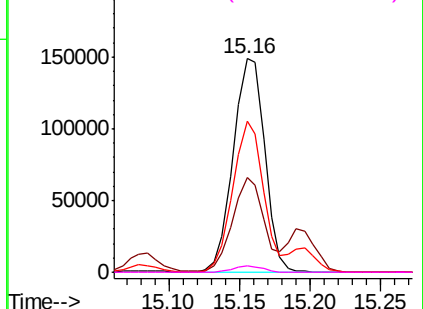
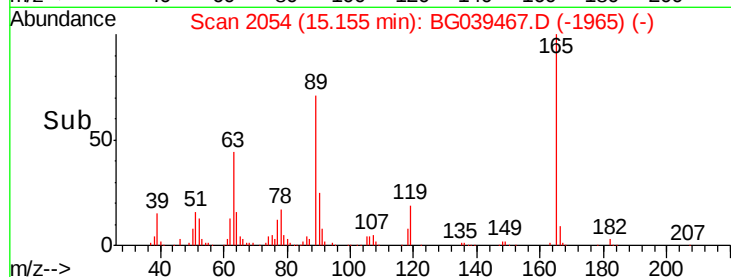


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 47.404 ng

RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

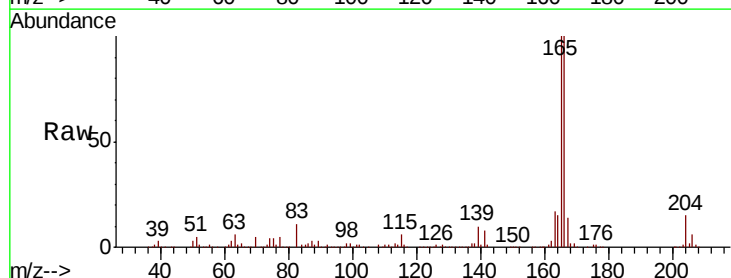
Tgt Ion:166 Resp: 686611

Ion Ratio Lower Upper

166 100

165 100.4 77.9 116.9

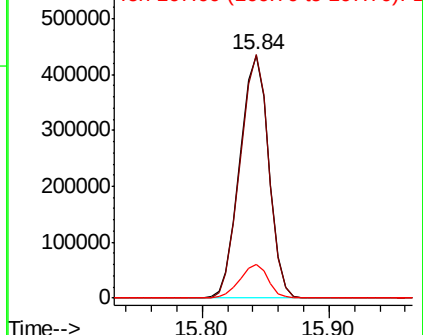
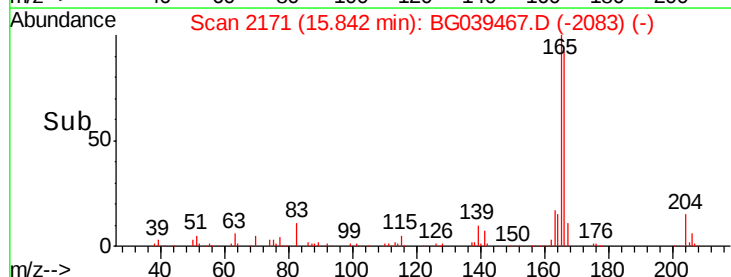
167 14.0 10.8 16.2

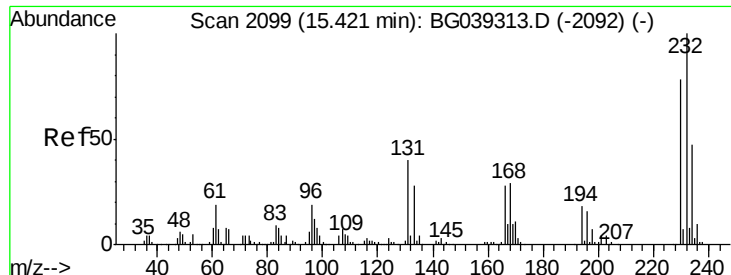


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

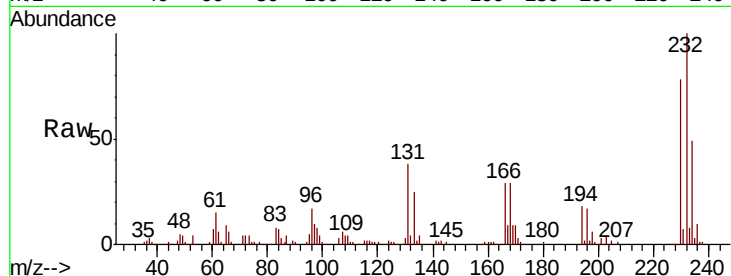




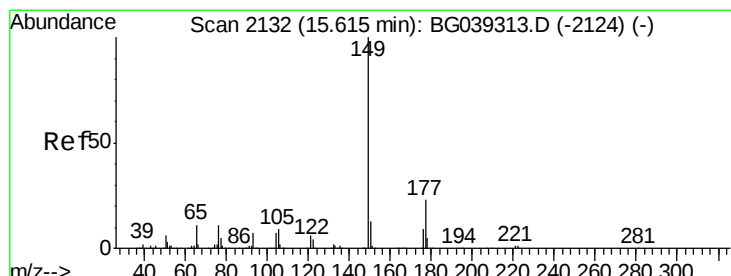
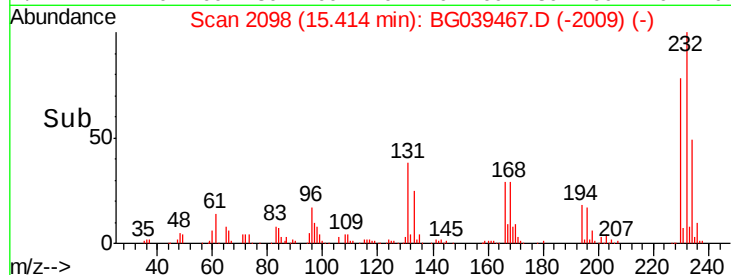
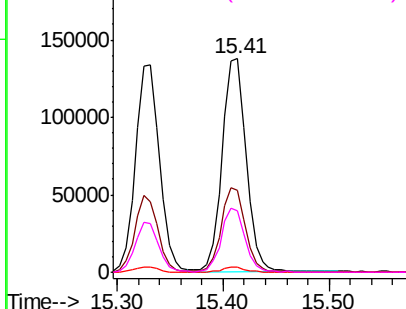
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.581 ng
 RT: 15.41 min Scan# 2098
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	232	Resp:	218507
Ion Ratio	Lower	Upper	
232	100		
131	40.2	34.9	52.3
130	2.5	2.0	3.0
166	29.0	24.1	36.1

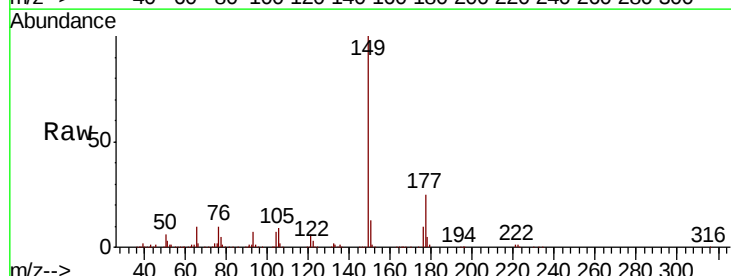


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

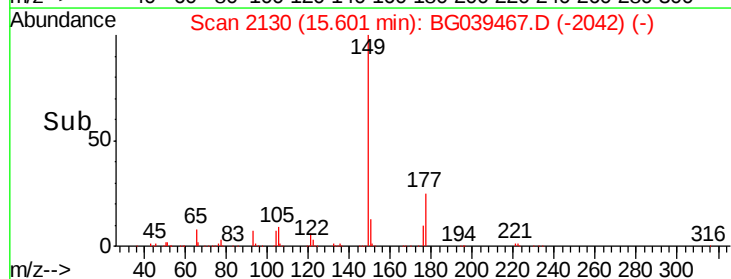
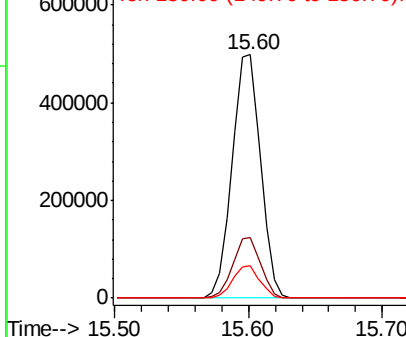


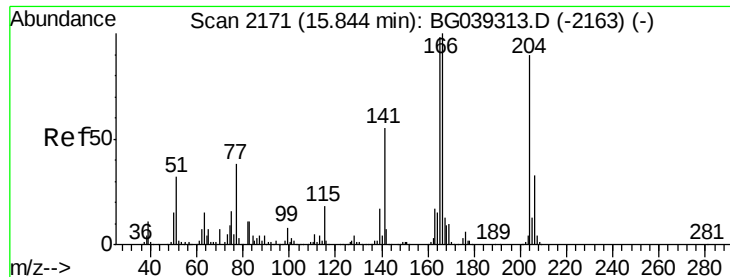
#60
 Diethylphthalate
 Concen: 44.758 ng
 RT: 15.60 min Scan# 2130
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:	149	Resp:	738784
Ion Ratio	Lower	Upper	
149	100		
177	25.0	18.3	27.5
150	13.3	10.2	15.2



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





#61

4-Chlorophenyl-phenylether

Concen: 45.292 ng

RT: 15.82 min Scan# 2168

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

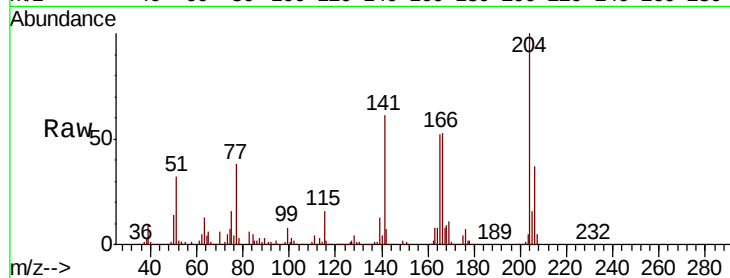
Tgt Ion:204 Resp: 371456

Ion Ratio Lower Upper

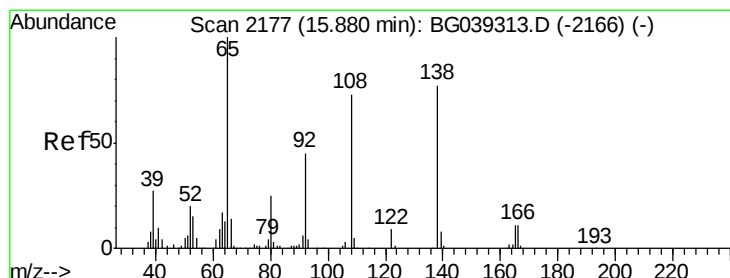
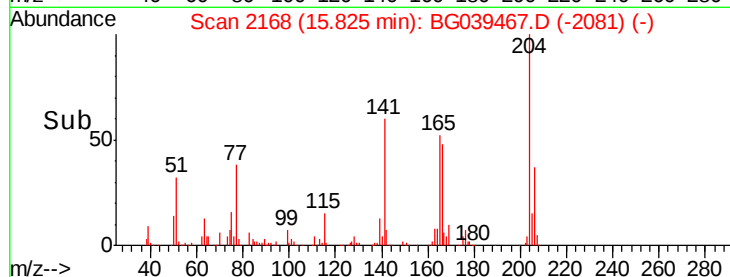
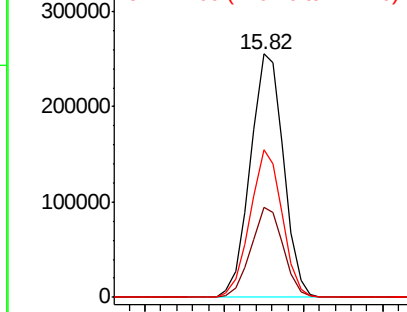
204 100

206 36.8 29.2 43.8

141 60.7 49.0 73.4



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



#62

4-Nitroaniline

Concen: 47.660 ng

RT: 15.87 min Scan# 2176

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

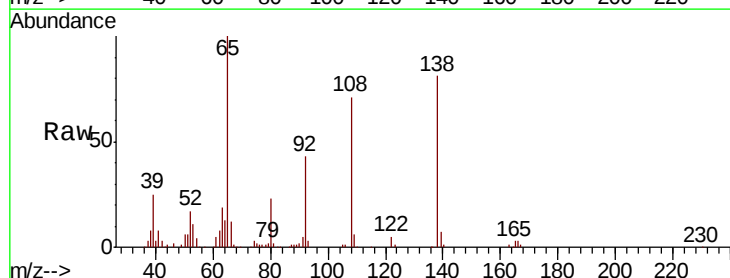
Tgt Ion:138 Resp: 159442

Ion Ratio Lower Upper

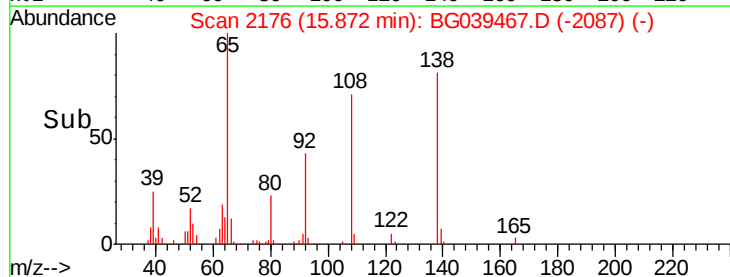
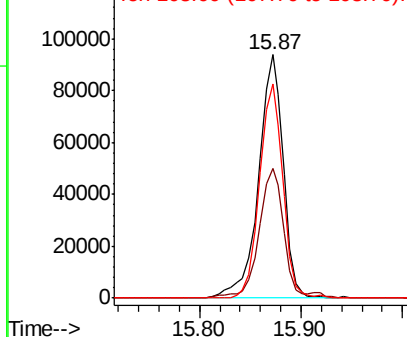
138 100

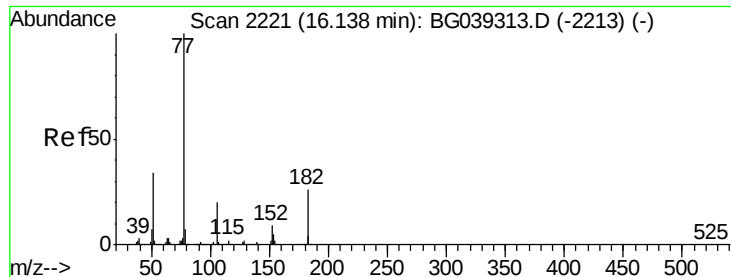
92 53.4 38.7 78.7

108 87.8 74.6 114.6



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

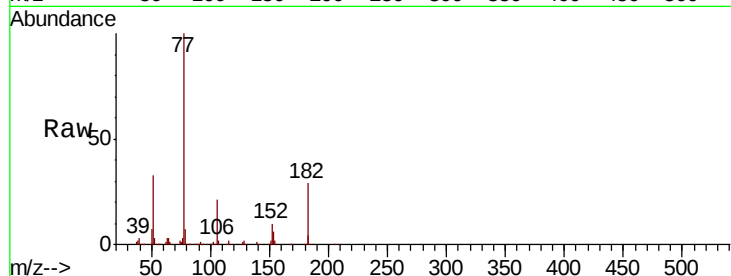




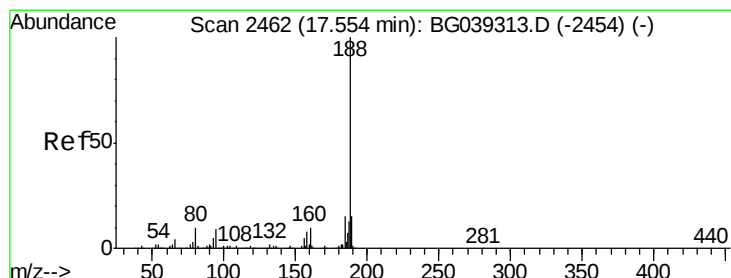
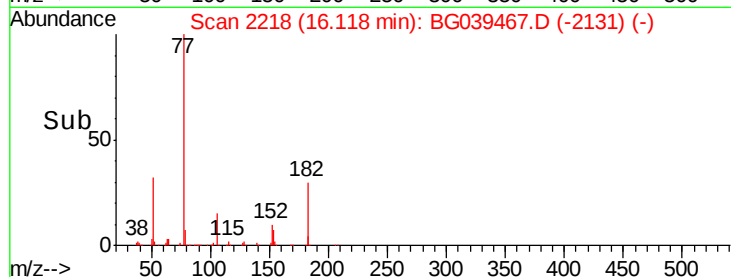
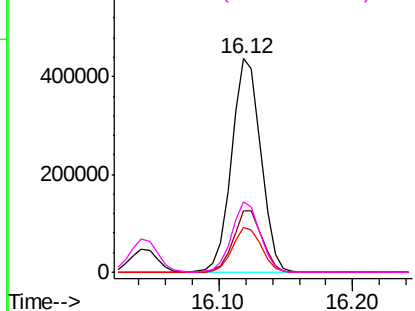
#63
Azobenzene
Concen: 41.238 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Instrument :
BNA_G
ClientSampleId :

Tgt Ion: 77 Resp: 665308
Ion Ratio Lower Upper
77 100
182 29.1 6.4 46.4
105 21.0 0.0 39.8
51 33.2 14.1 54.1

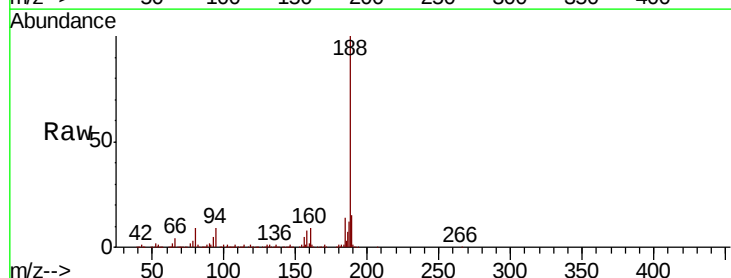


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

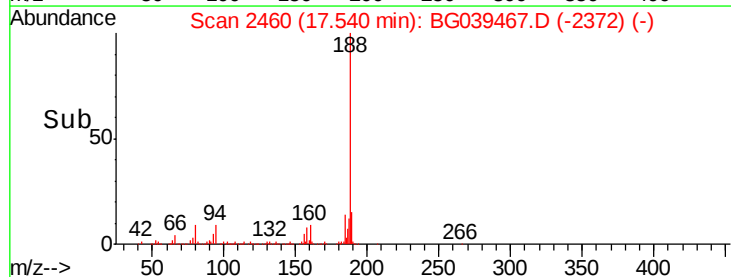
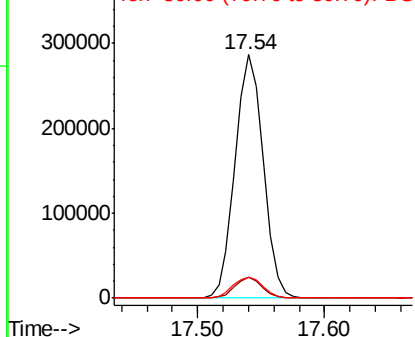


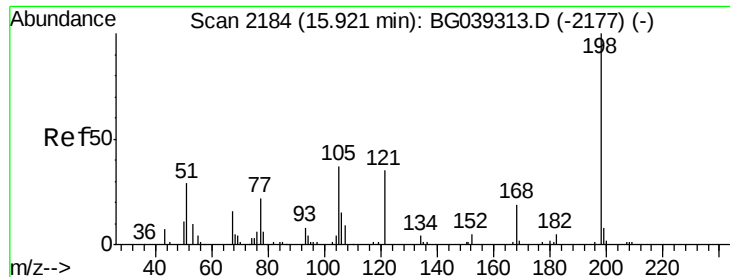
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion: 188 Resp: 439364
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 8.8 8.1 12.1



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





#65

4,6-Dinitro-2-methylphenol

Concen: 62.800 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

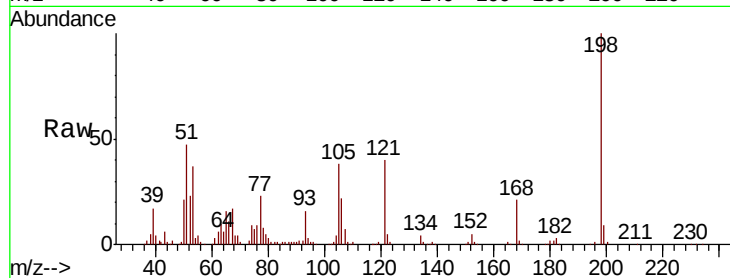
Tgt Ion:198 Resp: 121919

Ion Ratio Lower Upper

198 100

51 46.8 27.4 67.4

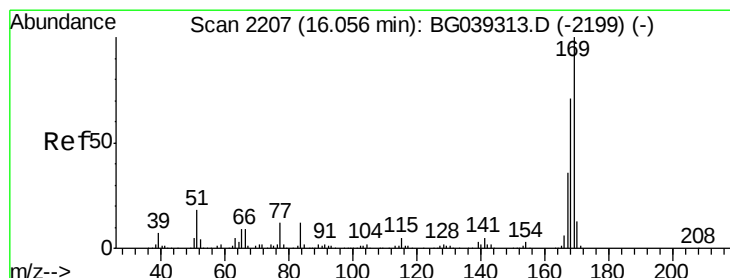
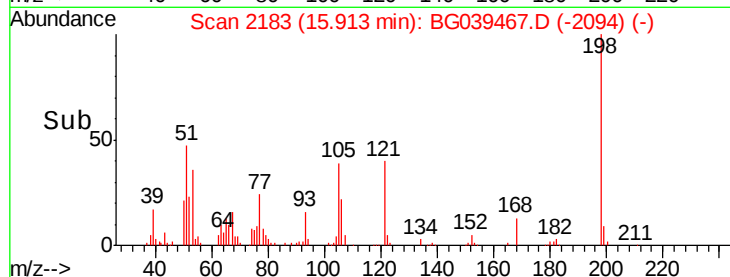
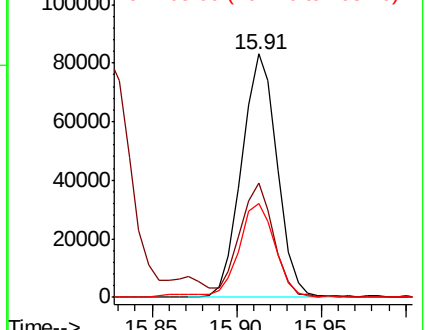
105 38.5 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.443 ng

RT: 16.05 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

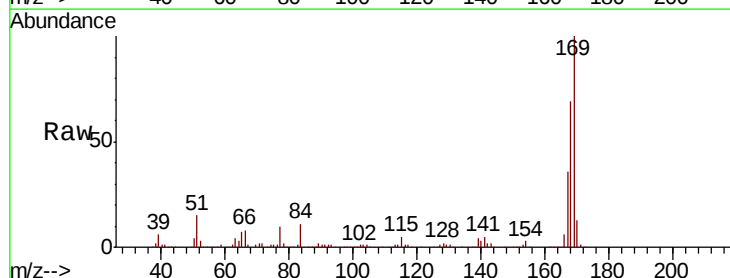
Tgt Ion:169 Resp: 633813

Ion Ratio Lower Upper

169 100

168 69.4 56.6 85.0

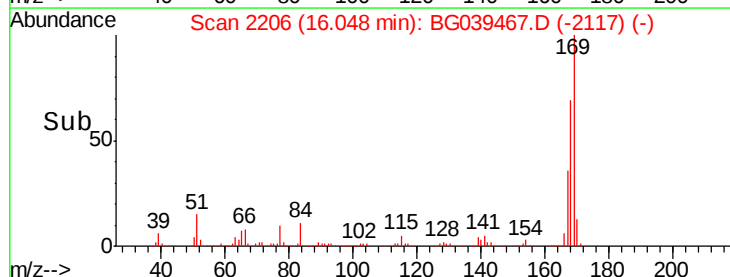
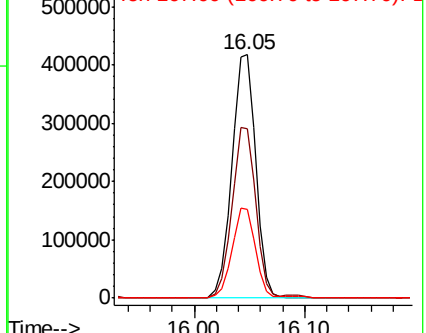
167 36.5 28.8 43.2

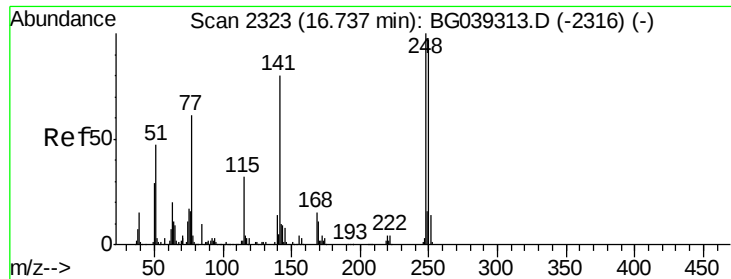


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

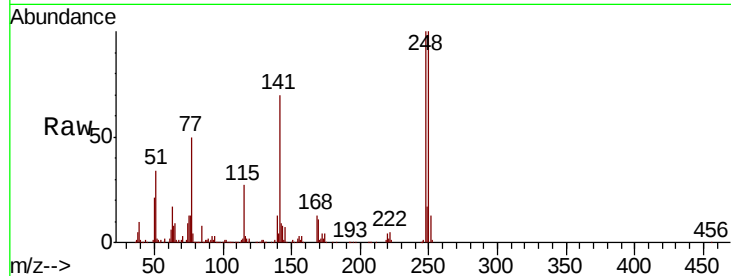




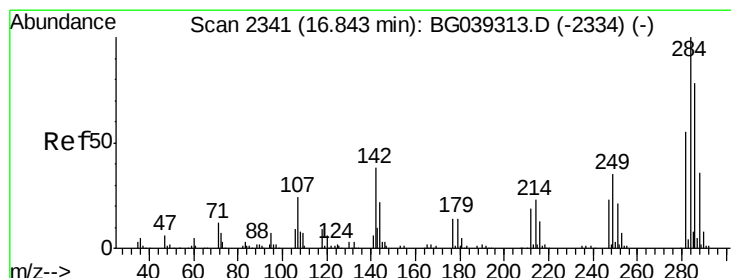
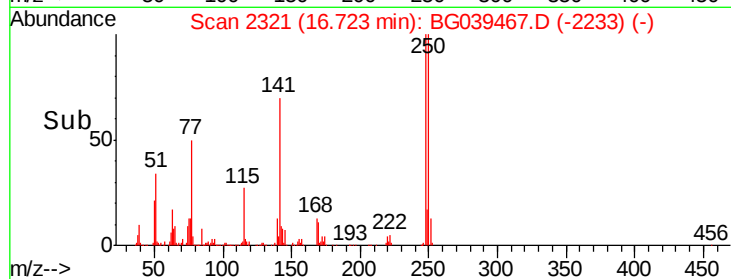
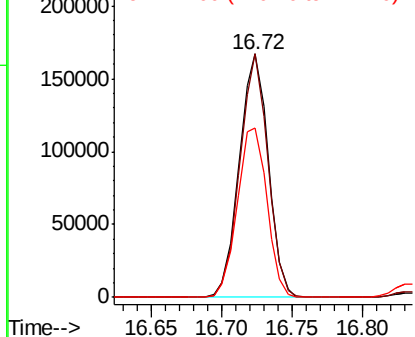
#67
 4-Bromophenyl-phenylether
 Concen: 49.091 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:248 Resp: 239280
 Ion Ratio Lower Upper
 248 100
 250 100.0 77.6 116.4
 141 69.8 63.9 95.9

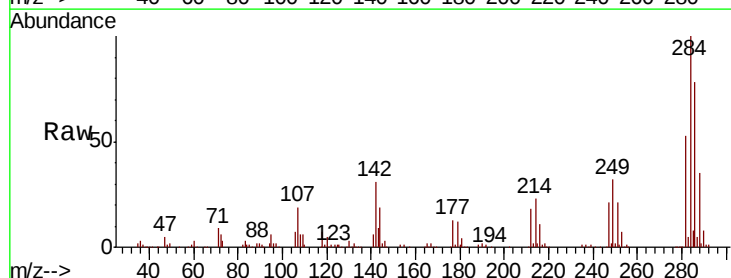


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

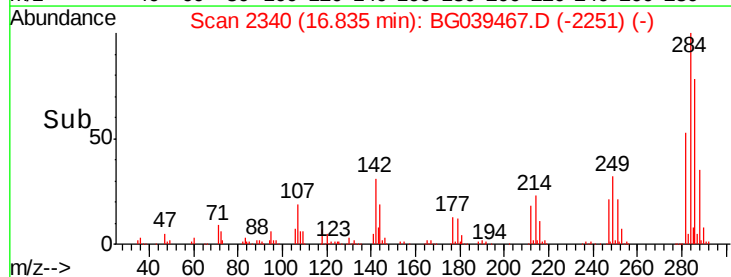
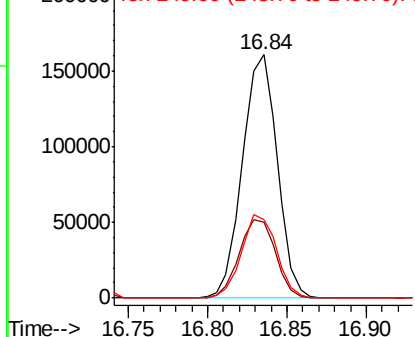


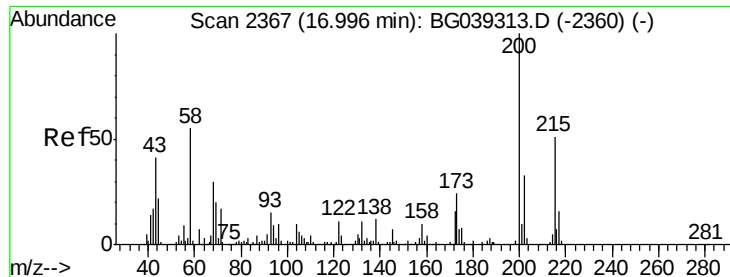
#68
 Hexachlorobenzene
 Concen: 50.075 ng
 RT: 16.84 min Scan# 2340
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion:284 Resp: 244886
 Ion Ratio Lower Upper
 284 100
 142 31.3 30.6 45.8
 249 32.4 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

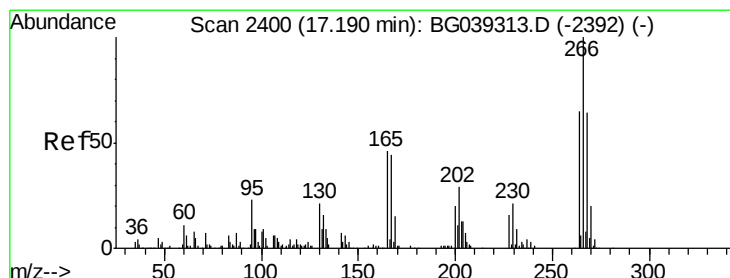
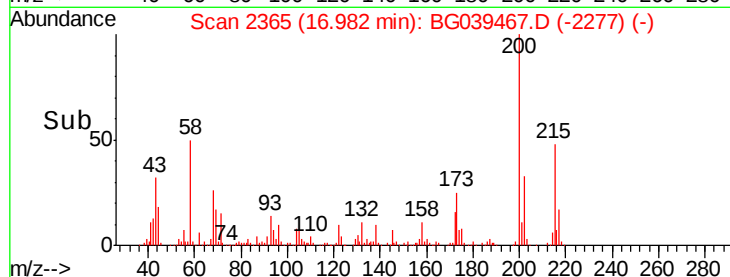
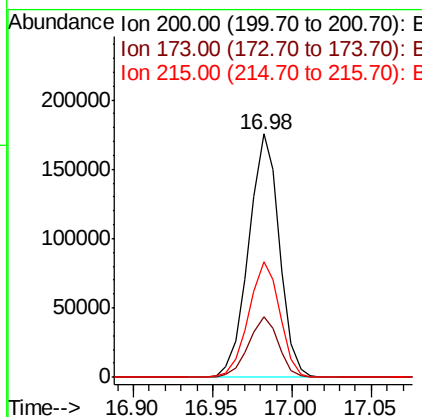
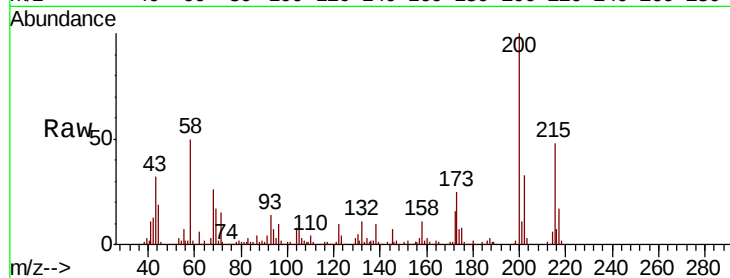




#69
 Atrazine
 Concen: 48.288 ng
 RT: 16.98 min Scan# 2365
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

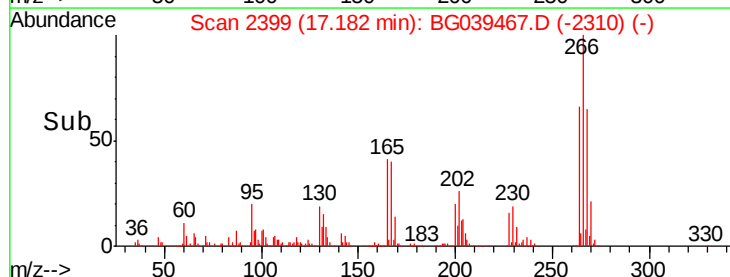
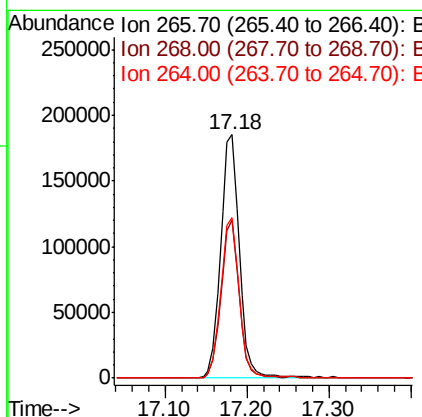
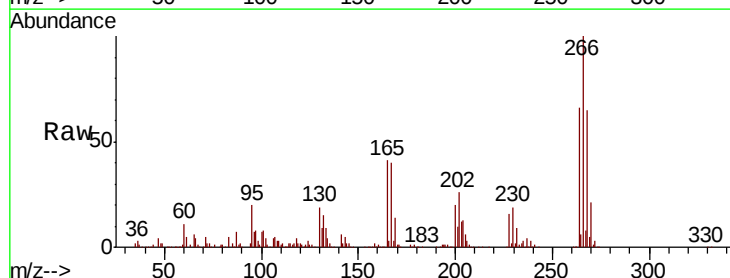
Instrument :
 BNA_G
 ClientSampleId :

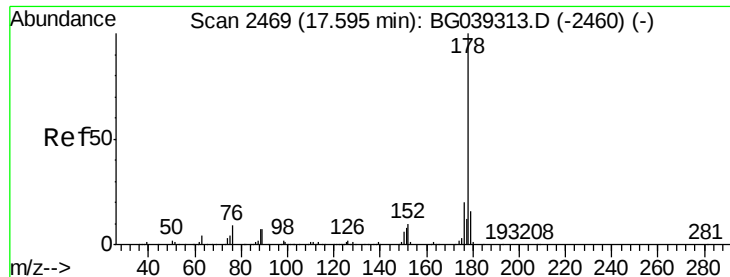
Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.1	3.9	43.9
215	47.7	30.9	70.9



#70
 Pentachlorophenol
 Concen: 87.321 ng
 RT: 17.18 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BG039467.D
 Acq: 12 Feb 2019 17:12

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	66.0	52.1	78.1

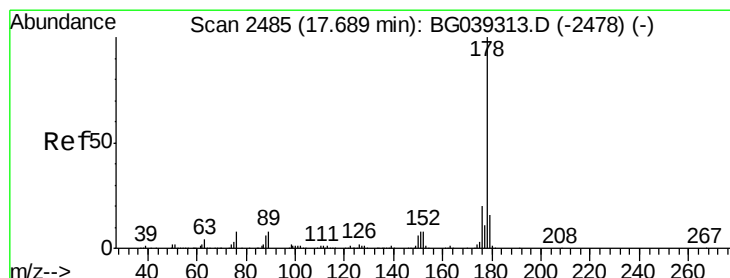
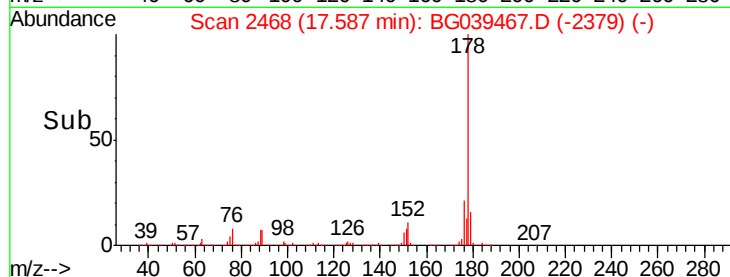
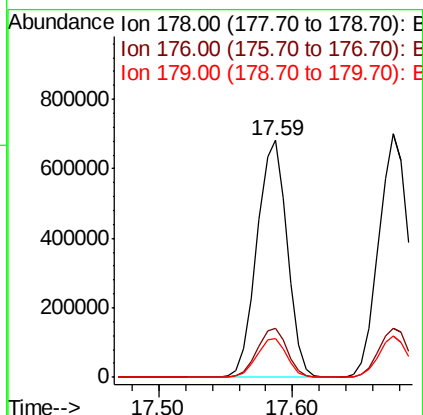
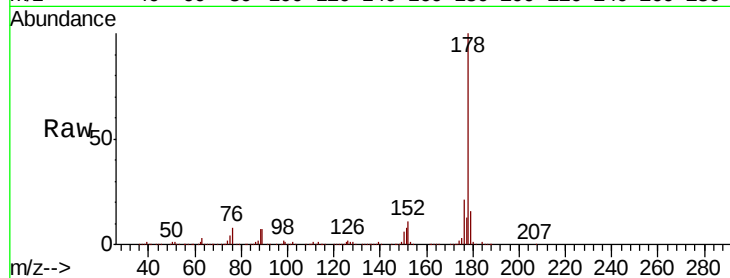




#71
Phenanthrene
Concen: 46.736 ng
RT: 17.59 min Scan# 2468
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

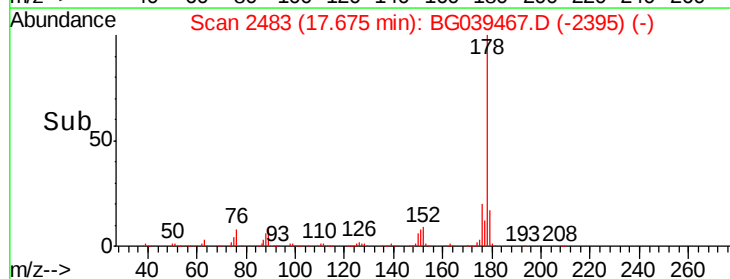
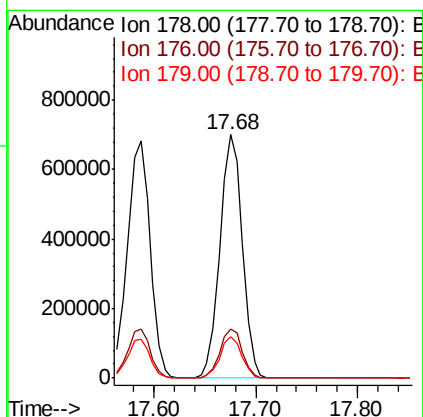
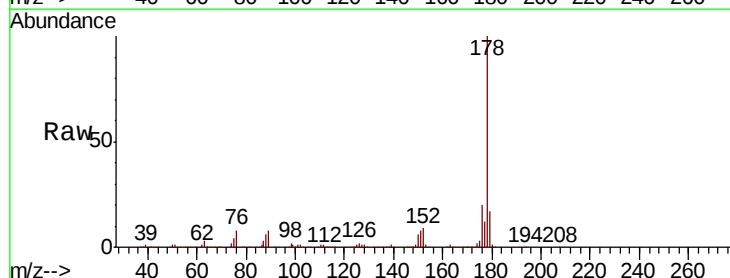
Instrument :
BNA_G
ClientSampleId :

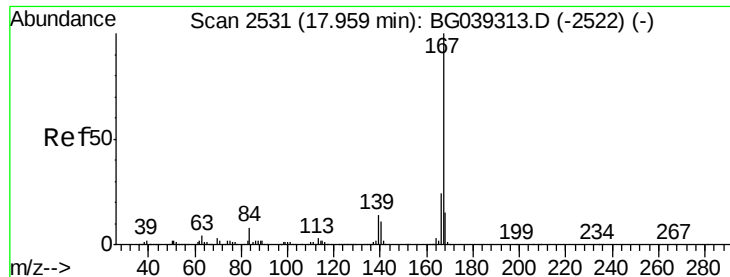
Tgt Ion:178 Resp: 1062779
Ion Ratio Lower Upper
178 100
176 20.8 16.2 24.4
179 16.2 12.6 19.0



#72
Anthracene
Concen: 47.985 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039467.D
Acq: 12 Feb 2019 17:12

Tgt Ion:178 Resp: 1074813
Ion Ratio Lower Upper
178 100
176 20.3 15.8 23.6
179 16.8 12.5 18.7





#73

Carbazole

Concen: 40.647 ng

RT: 17.95 min Scan# 2529

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

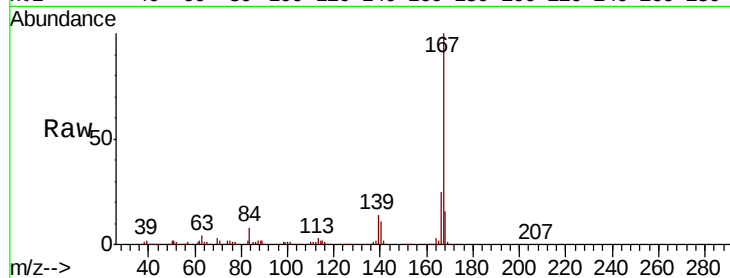
Tgt Ion:167 Resp: 908630

Ion Ratio Lower Upper

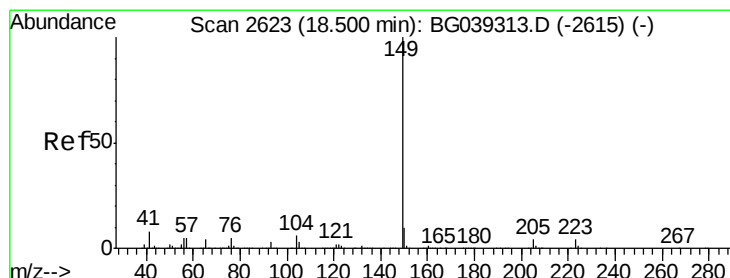
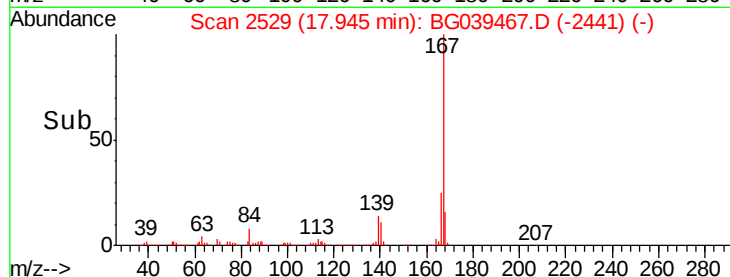
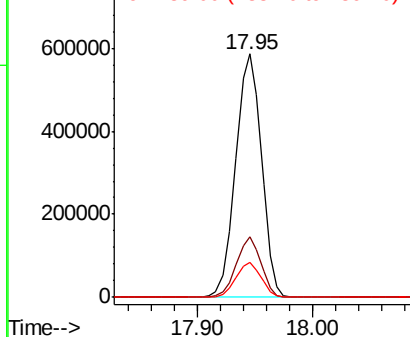
167 100

166 24.7 19.4 29.2

139 14.2 10.8 16.2



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



#74

Di-n-butylphthalate

Concen: 40.867 ng

RT: 18.48 min Scan# 2620

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

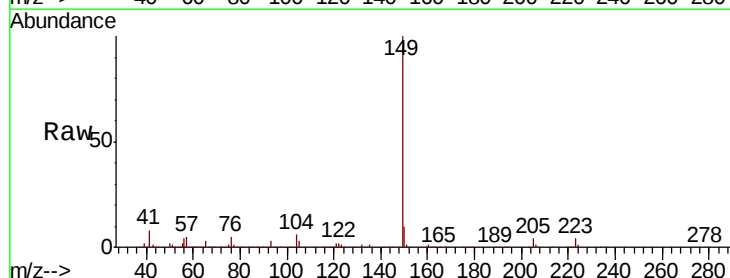
Tgt Ion:149 Resp: 1065762

Ion Ratio Lower Upper

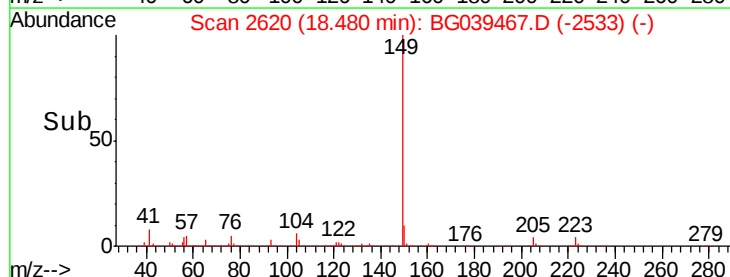
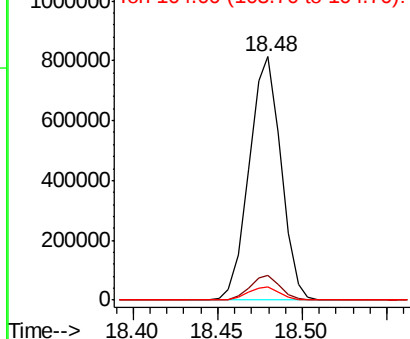
149 100

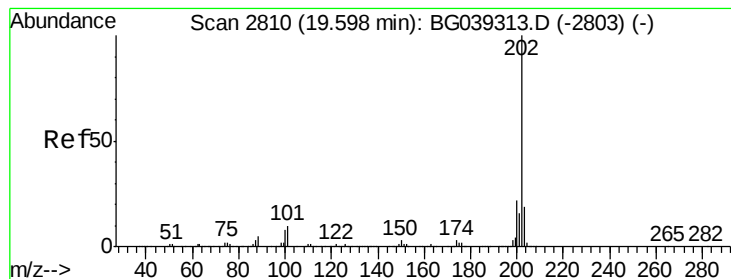
150 10.1 7.7 11.5

104 5.6 4.5 6.7



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





#75

Fluoranthene

Concen: 43.140 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampled :

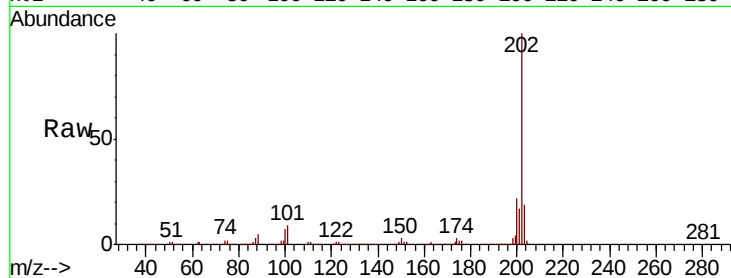
Tgt Ion:202 Resp: 1138650

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

203 18.9 0.0 38.9

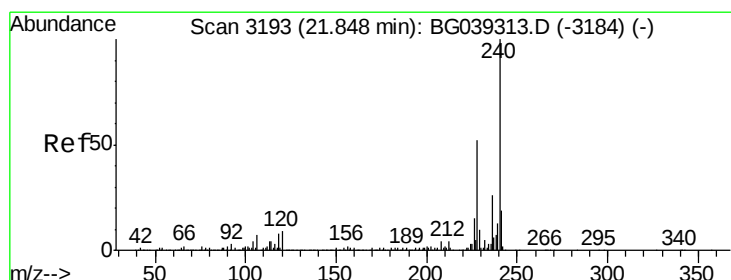
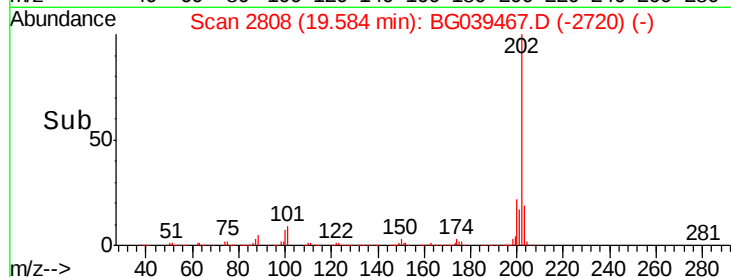
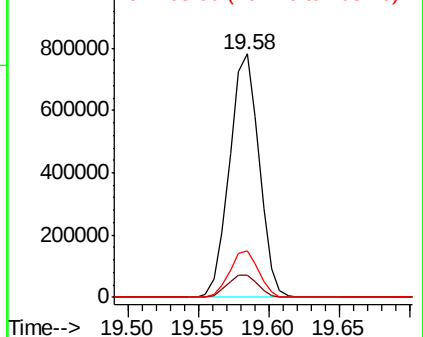


Abundance

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: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

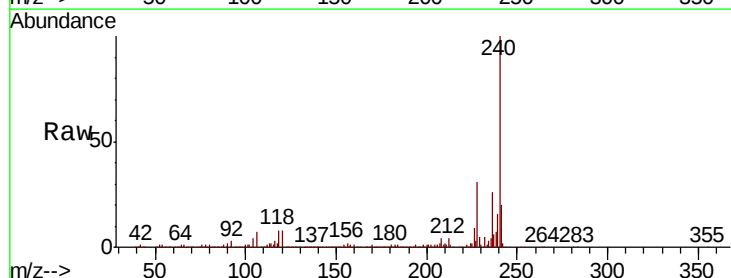
Tgt Ion:240 Resp: 380865

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

236 25.7 21.0 31.4

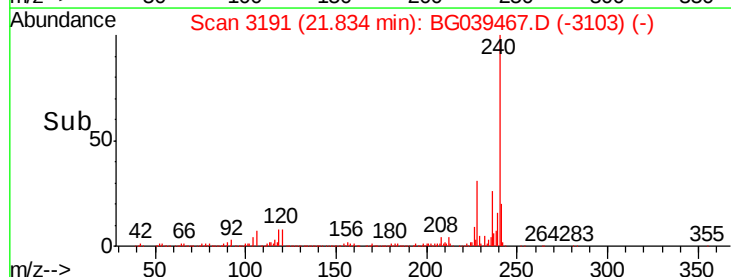
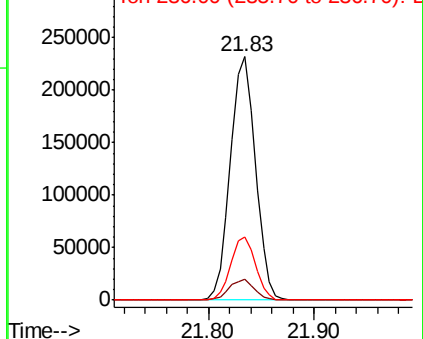


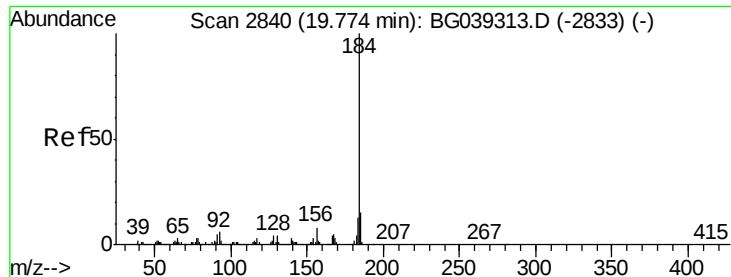
Abundance

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: 28.960 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

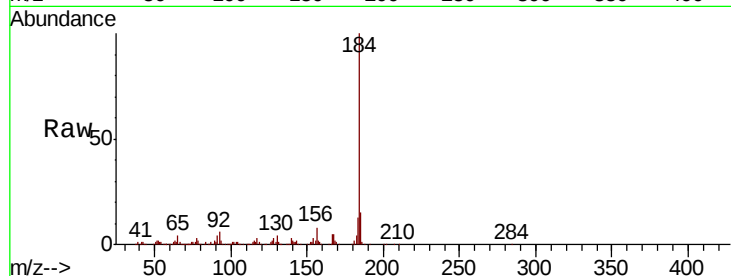
Tgt Ion:184 Resp: 361616

Ion Ratio Lower Upper

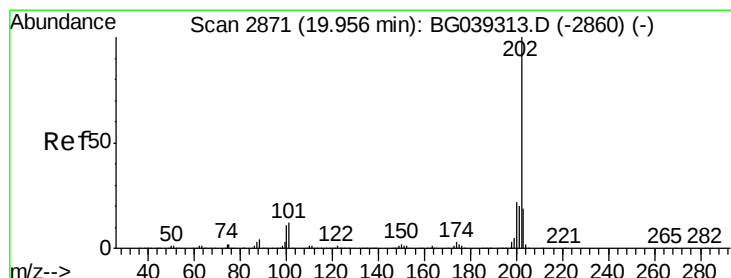
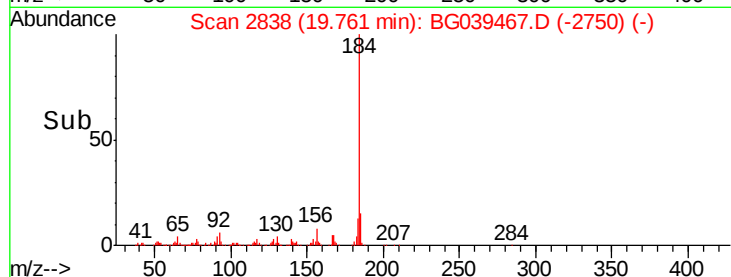
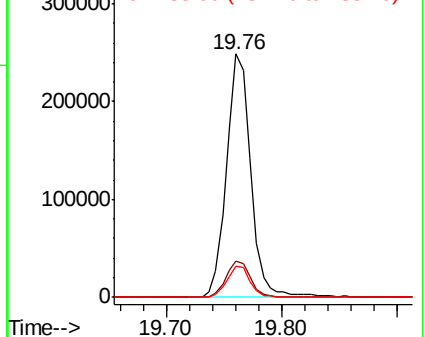
184 100

185 15.1 12.2 18.2

183 12.8 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.388 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

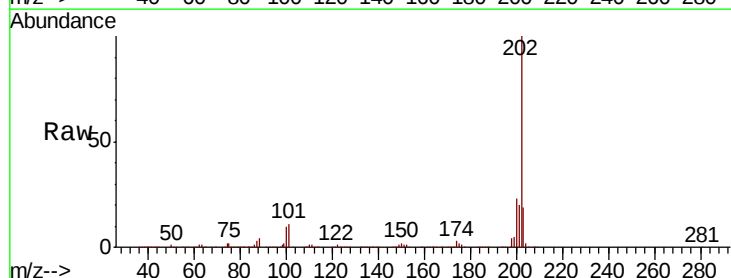
Tgt Ion:202 Resp: 1123554

Ion Ratio Lower Upper

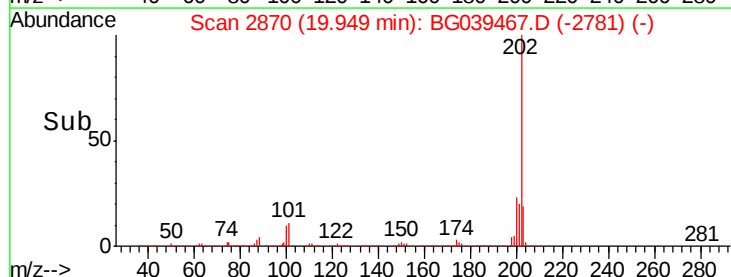
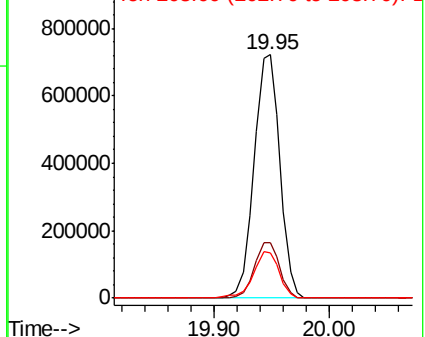
202 100

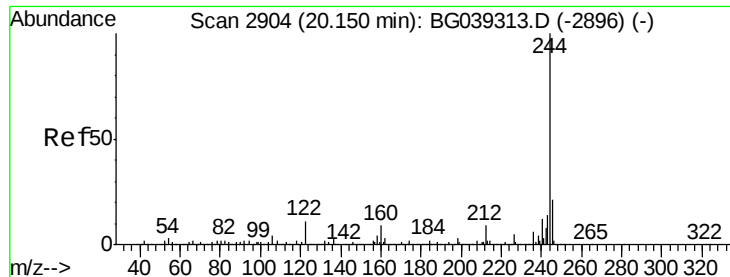
200 23.0 17.8 26.8

203 18.6 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.170 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

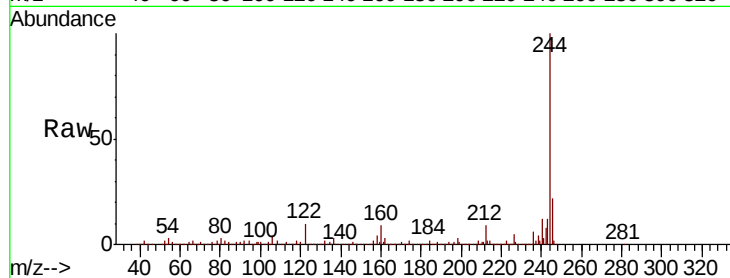
Tgt Ion:244 Resp: 1514510

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

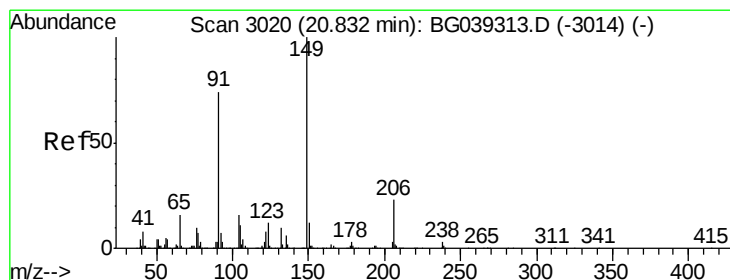
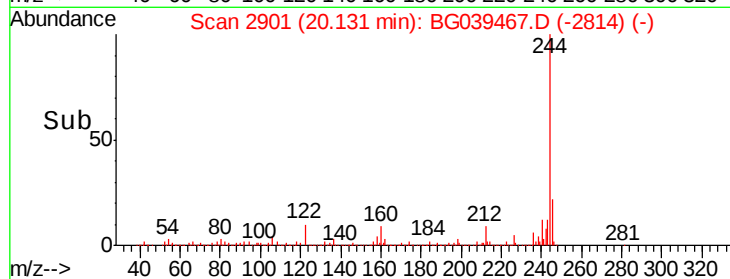
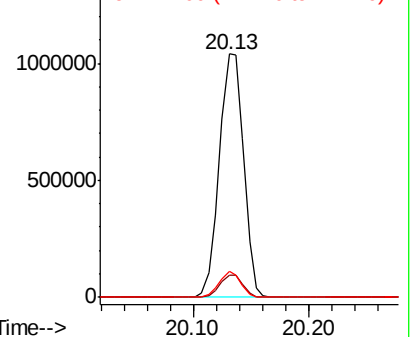
122 10.4 8.4 12.6



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: 48.029 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

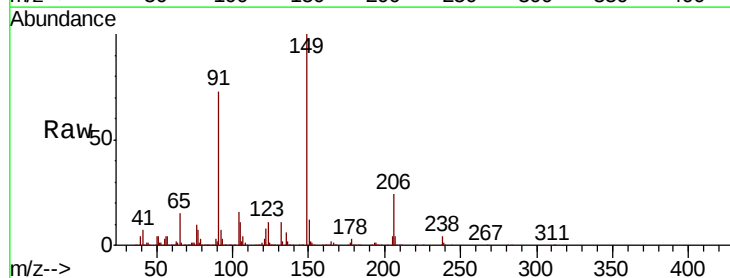
Tgt Ion:149 Resp: 480370

Ion Ratio Lower Upper

149 100

91 72.5 59.5 89.3

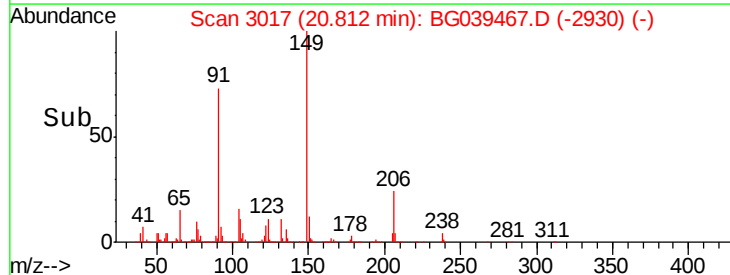
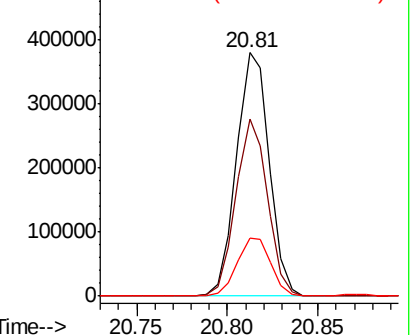
206 23.9 18.6 27.8

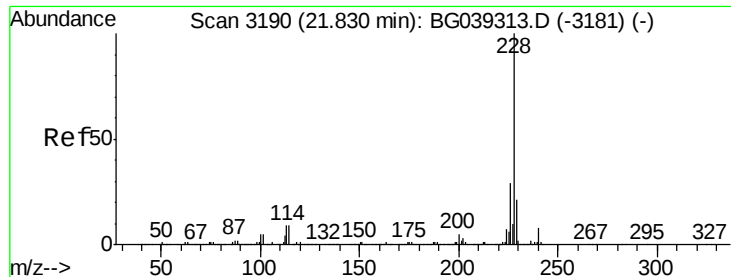


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.613 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

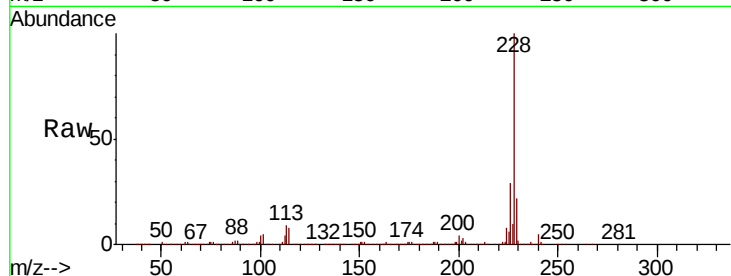
Instrument :

BNA_G

ClientSampleId :

Tgt Ion:228 Resp: 1094038

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.0	34.6
229	21.6	16.9	25.3

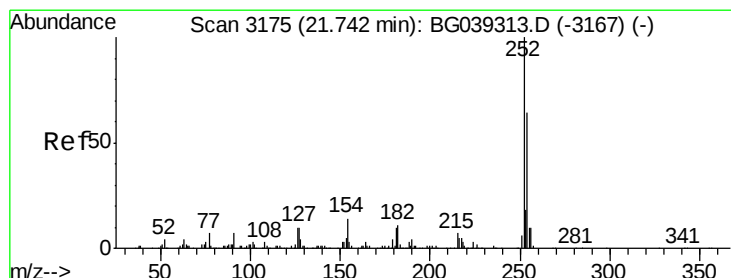
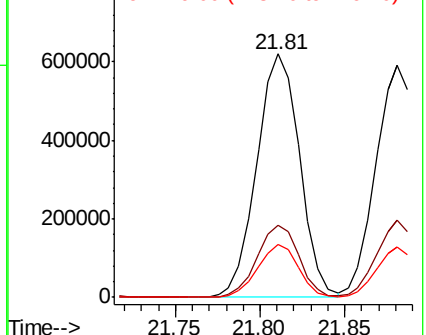
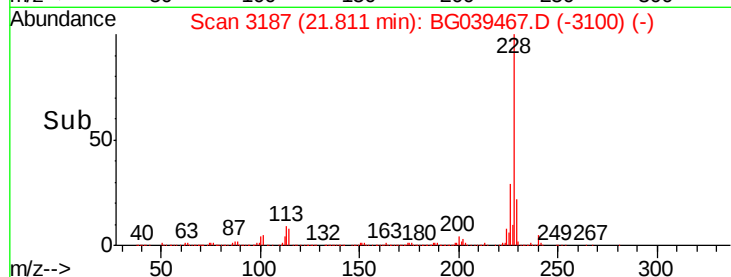


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 24.460 ng

RT: 21.72 min Scan# 3172

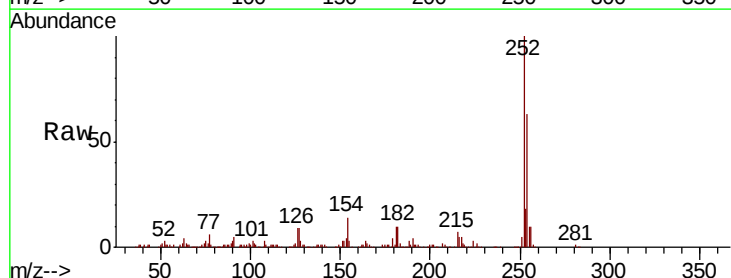
Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Tgt Ion:252 Resp: 204110

Ion	Ratio	Lower	Upper
252	100		
254	62.6	51.3	76.9
126	8.9	8.0	12.0

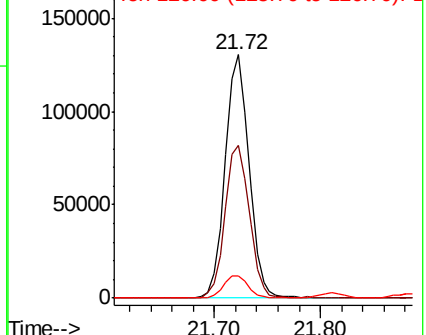
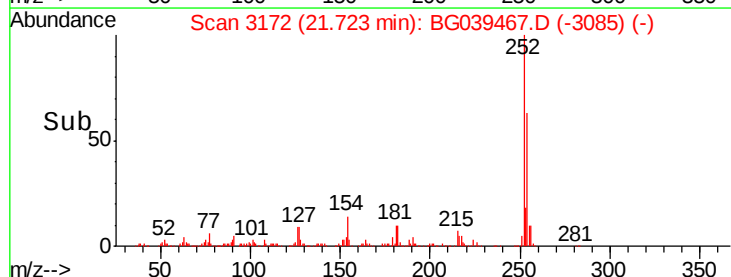


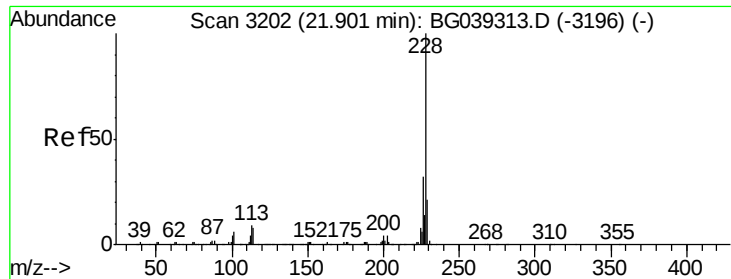
Abundance

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: 47.867 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

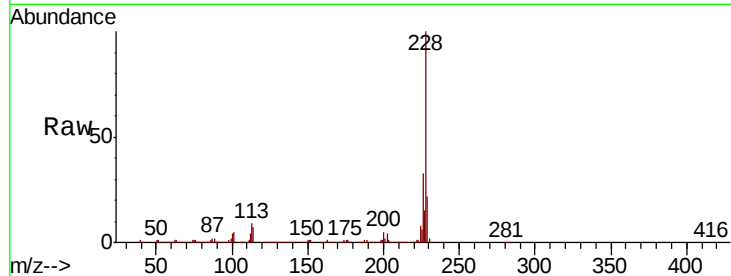
Tgt Ion:228 Resp: 1025482

Ion Ratio Lower Upper

228 100

226 33.4 25.8 38.6

229 21.5 16.6 25.0

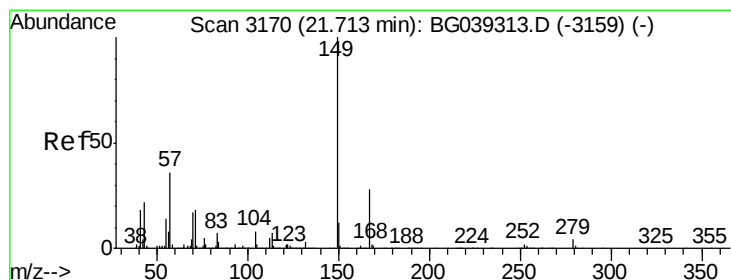
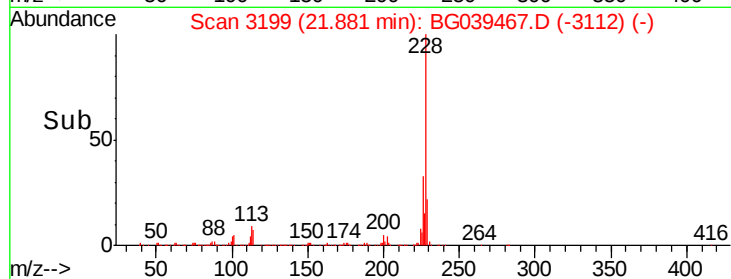
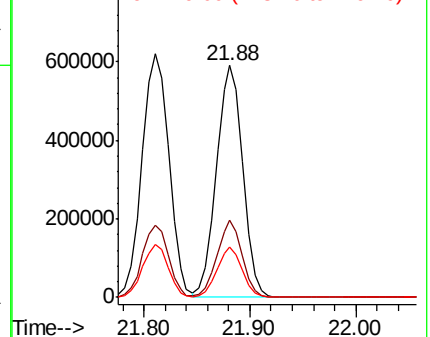


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.864 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

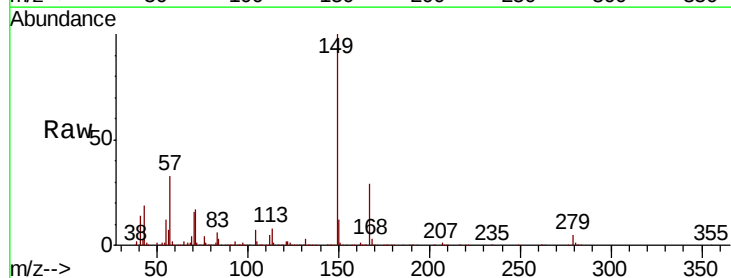
Tgt Ion:149 Resp: 668697

Ion Ratio Lower Upper

149 100

167 28.9 22.6 34.0

279 4.9 3.5 5.3

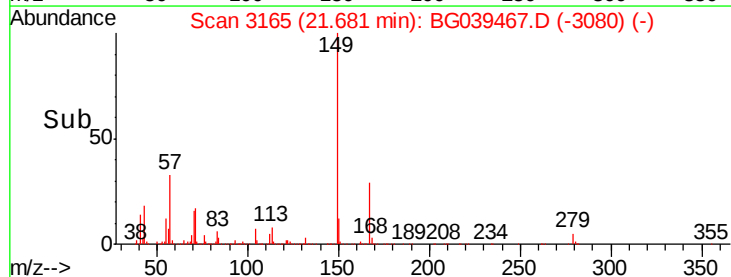
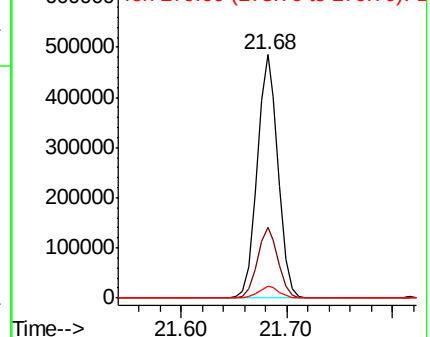


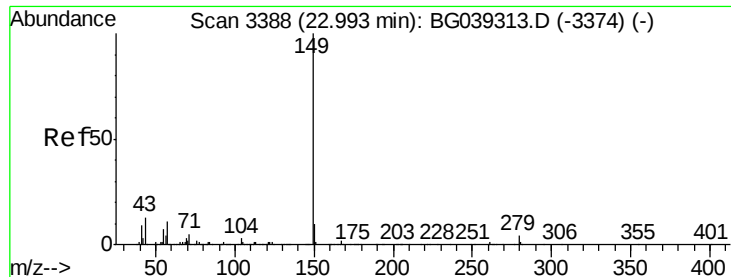
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 48.475 ng

RT: 22.95 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

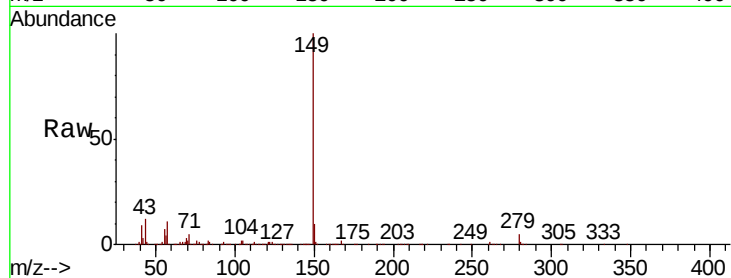
Tgt Ion:149 Resp: 1142714

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

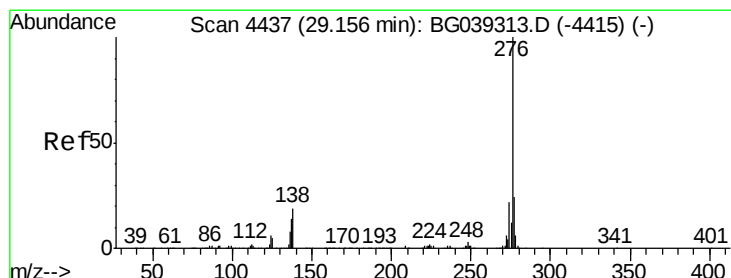
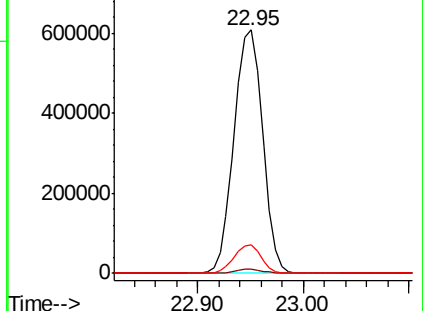
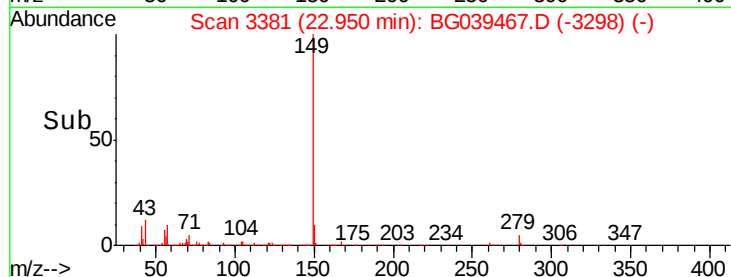
43 11.2 10.2 15.4



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: 54.870 ng

RT: 29.12 min Scan# 4431

Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

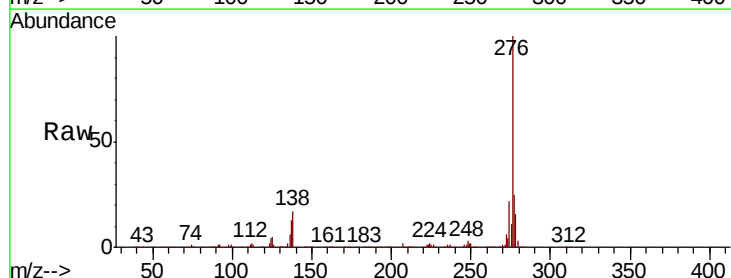
Tgt Ion:276 Resp: 1261214

Ion Ratio Lower Upper

276 100

138 14.1 12.6 19.0

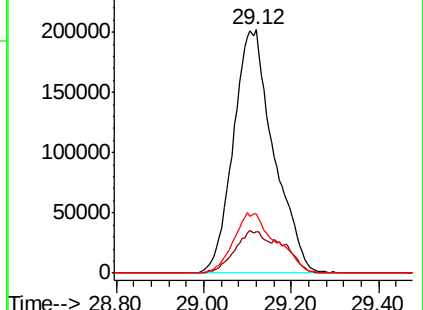
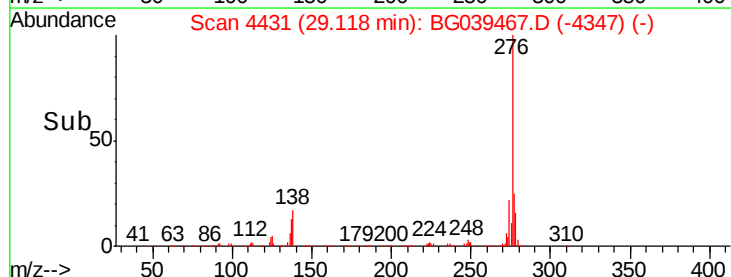
277 11.0 20.8 31.2#

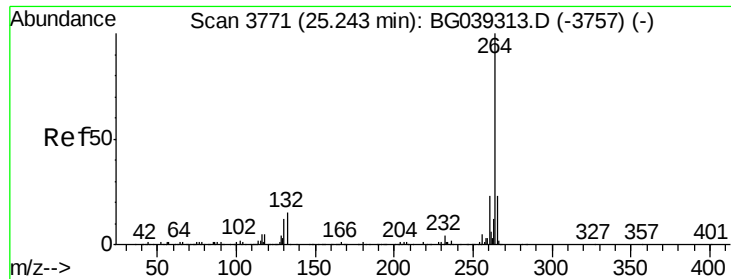


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

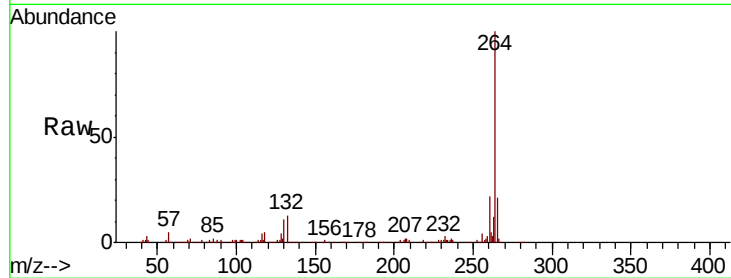
Tgt Ion:264 Resp: 400402

Ion Ratio Lower Upper

264 100

260 21.8 18.2 27.4

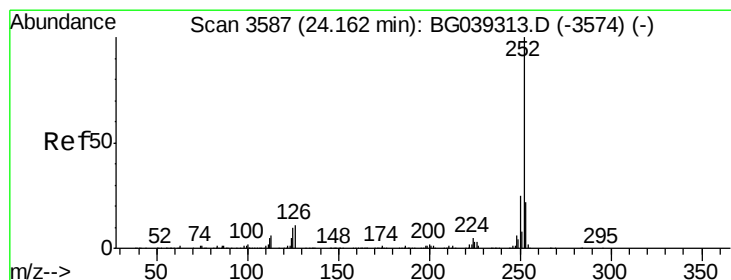
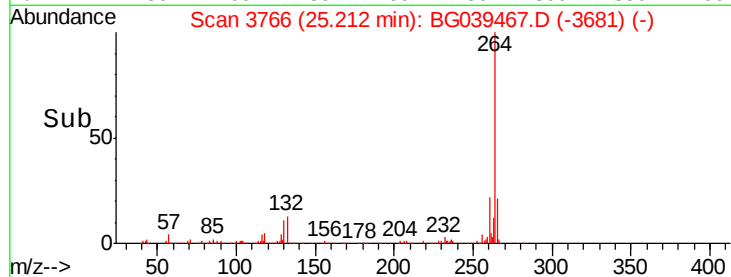
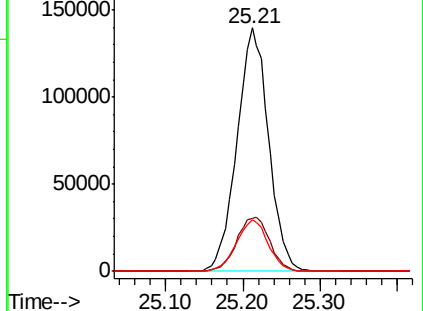
265 21.3 18.5 27.7



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: 49.823 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

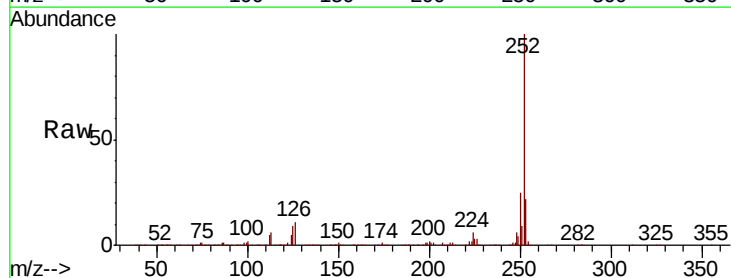
Tgt Ion:252 Resp: 1087948

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

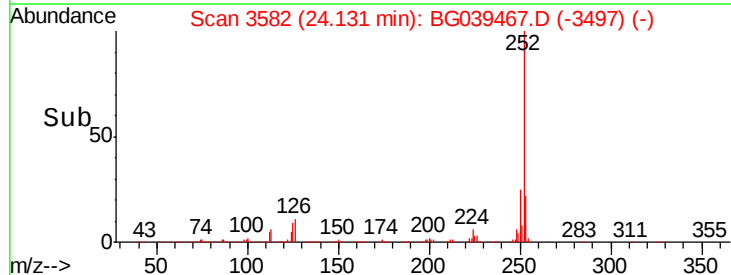
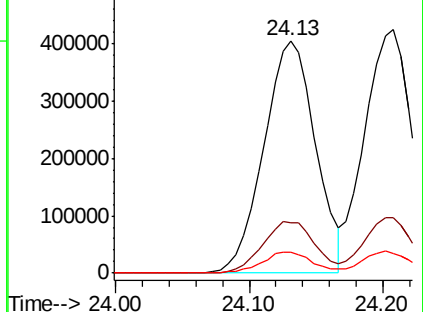
125 9.0 7.8 11.6

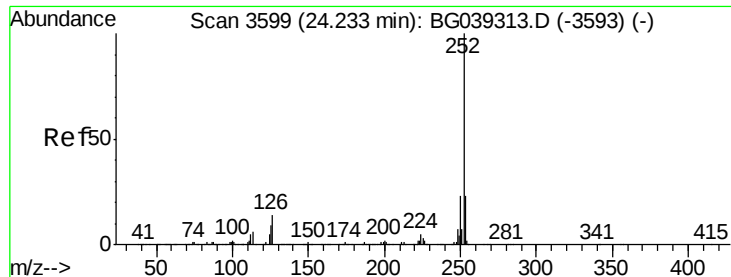


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 48.007 ng

RT: 24.21 min Scan# 3595

Delta R.T. -0.03 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

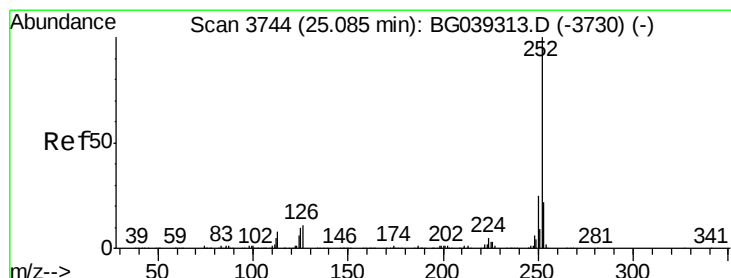
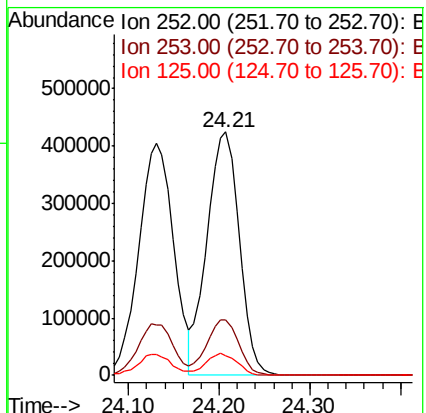
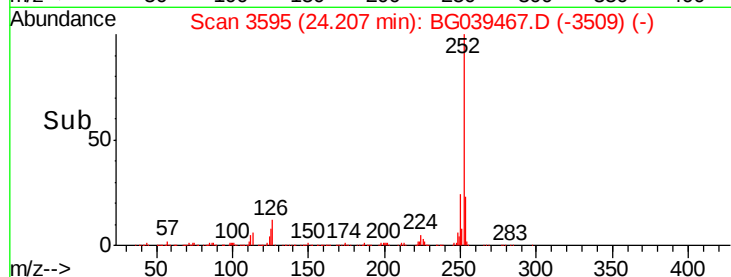
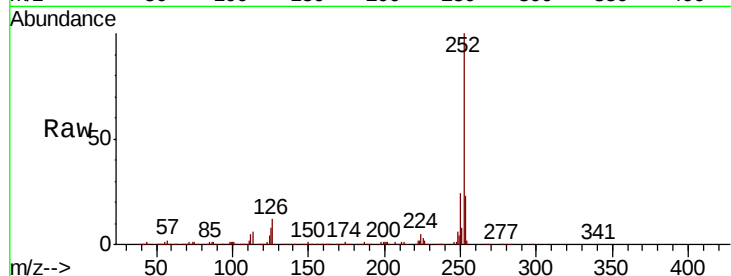
Tgt Ion:252 Resp: 1052460

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

125 8.2 7.4 11.2



#90

Benzo(a)pyrene

Concen: 50.535 ng

RT: 25.06 min Scan# 3740

Delta R.T. -0.03 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

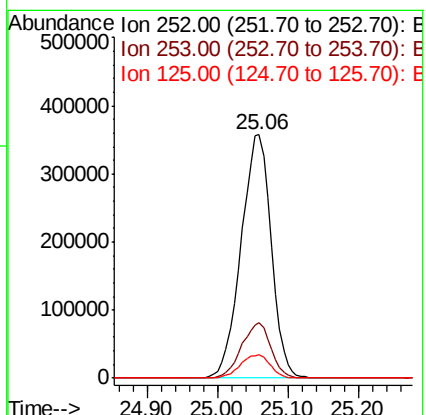
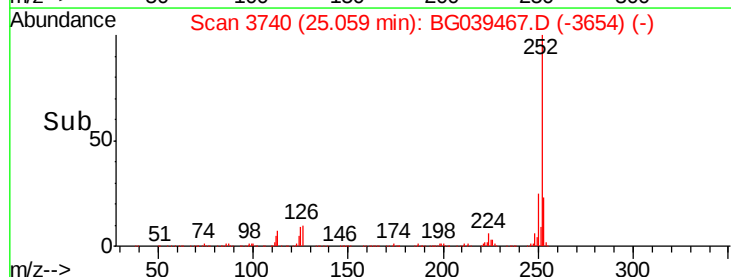
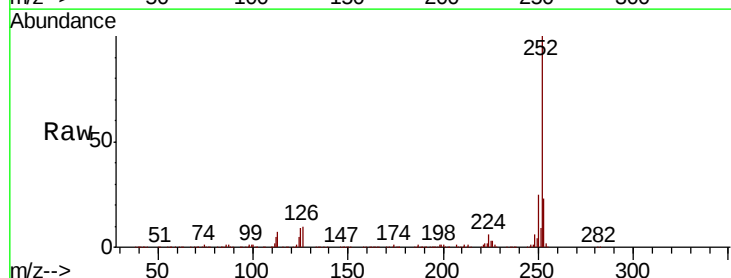
Tgt Ion:252 Resp: 1062744

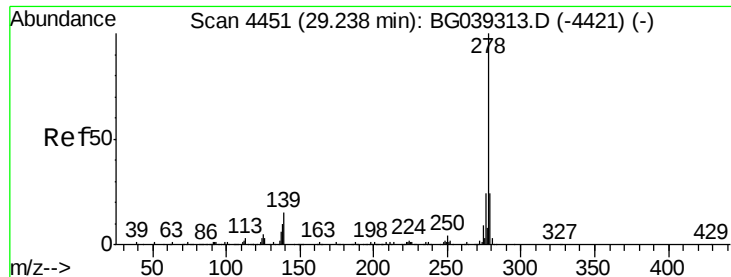
Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 9.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 51.729 ng

RT: 29.18 min Scan# 4442

Delta R.T. -0.05 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

Instrument :

BNA_G

ClientSampleId :

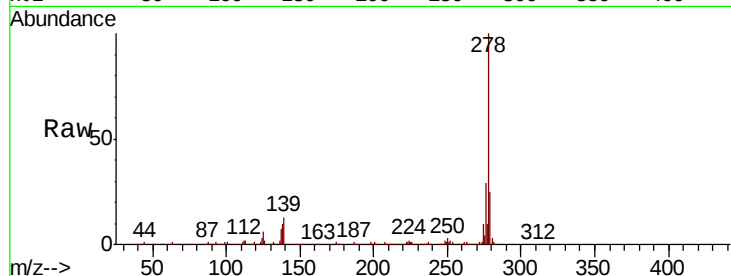
Tgt Ion:278 Resp: 1018766

Ion Ratio Lower Upper

278 100

139 12.9 11.7 17.5

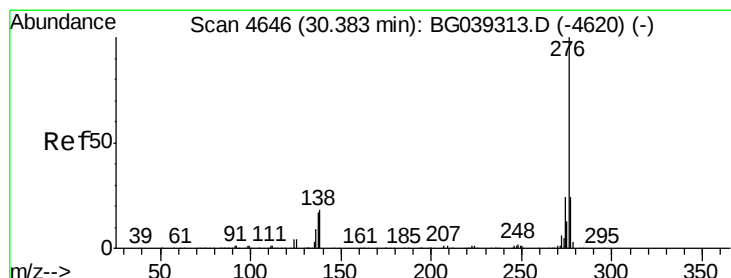
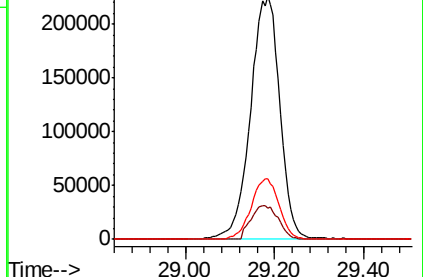
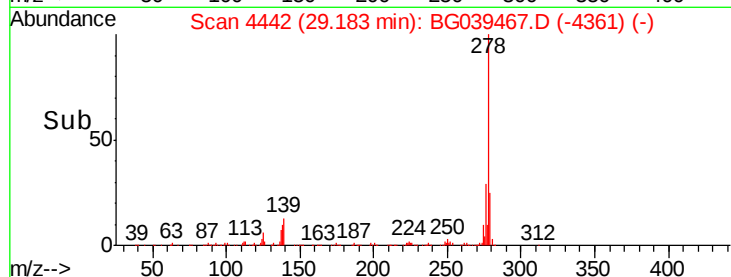
279 24.9 19.1 28.7



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



#92

Benzo(g,h,i)perylene

Concen: 53.109 ng

RT: 30.34 min Scan# 4639

Delta R.T. -0.04 min

Lab File: BG039467.D

Acq: 12 Feb 2019 17:12

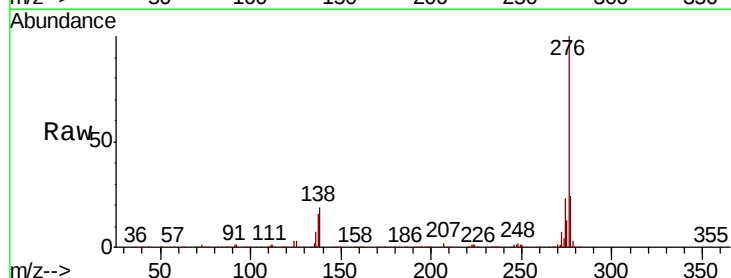
Tgt Ion:276 Resp: 1042528

Ion Ratio Lower Upper

276 100

277 23.8 19.6 29.4

138 18.6 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

