

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039462.D
 Acq On : 12 Feb 2019 13:53
 Operator : JU/SJ
 Sample : PB117032BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 12 18:00:39 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	48545	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	245819	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	185111	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	448486	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	361629	20.00	ng	-0.02
87) Perylene-d12	25.21	264	371243	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	492428	173.61	ng	0.00
7) Phenol-d6	7.31	99	731193	175.13	ng	0.00
23) Nitrobenzene-d5	9.35	82	359998	91.49	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	336193	168.66	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	962710	74.61	ng	-0.01
79) Terphenyl-d14	20.13	244	1438509	84.20	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.60	88	38016	30.641	ng	94
3) Pyridine	4.00	79	112653	34.294	ng	99
4) n-Nitrosodimethylamine	3.92	42	62539	38.068	ng	91
6) Aniline	7.50	93	176146	33.682	ng	98
8) 2-Chlorophenol	7.73	128	159436	51.424	ng	97
9) Benzaldehyde	7.31	77	72277	32.941	ng	98
10) Phenol	7.34	94	225344	51.777	ng	99
11) bis(2-Chloroethyl)ether	7.59	93	142048	41.304	ng	95
12) 1,3-Dichlorobenzene	8.06	146	145627	38.773	ng	96
13) 1,4-Dichlorobenzene	8.21	146	148921	39.780	ng	98
14) 1,2-Dichlorobenzene	8.52	146	146579	40.446	ng	98
15) Benzyl Alcohol	8.41	79	162060	49.442	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.69	45	282847	36.420	ng	99
17) 2-Methylphenol	8.60	107	148994	52.902	ng	97
18) Hexachloroethane	9.26	117	51378	39.891	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	129634	43.746	ng	92
20) 3+4-Methylphenols	8.93	107	211161	54.445	ng	98
22) Acetophenone	9.00	105	242811	36.772	ng	# 94
24) Nitrobenzene	9.39	77	187995	44.224	ng	97
25) Isophorone	9.90	82	387601	44.451	ng	99
26) 2-Nitrophenol	10.10	139	94752	54.498	ng	97
27) 2,4-Dimethylphenol	10.14	122	185667	52.637	ng	96
28) bis(2-Chloroethoxy)methane	10.39	93	232054	43.206	ng	96
29) 2,4-Dichlorophenol	10.63	162	193880	50.292	ng	95
30) 1,2,4-Trichlorobenzene	10.85	180	173835	40.164	ng	98
31) Naphthalene	11.04	128	516505	42.354	ng	98
32) Benzoic acid	10.27	122	114020	49.108	ng	94
33) 4-Chloroaniline	11.15	127	123789	21.892	ng	98
34) Hexachlorobutadiene	11.31	225	108094	37.554	ng	94
35) Caprolactam	11.94	113	46366	29.064	ng	91
36) 4-Chloro-3-methylphenol	12.25	107	221844	49.758	ng	99
37) 2-Methylnaphthalene	12.64	142	418222	46.303	ng	96
38) 1-Methylnaphthalene	12.85	142	407172	46.766	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	231266	39.266	ng	98

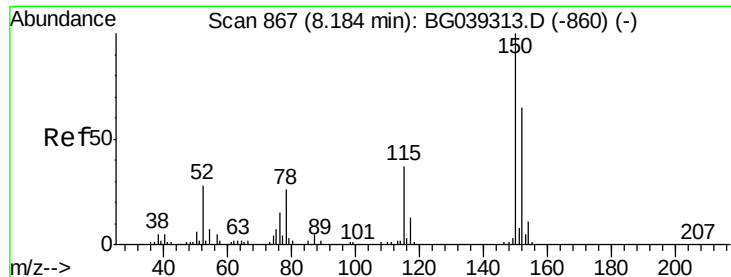
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039462.D
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 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	284060	88.509	ng	98
43) 2,4,6-Trichlorophenol	13.23	196	170667	47.129	ng	96
44) 2,4,5-Trichlorophenol	13.30	196	188407	49.641	ng	98
46) 1,1'-Biphenyl	13.63	154	585321	38.004	ng	98
47) 2-Chloronaphthalene	13.68	162	452843	39.084	ng	99
48) 2-Nitroaniline	13.89	65	160210	48.112	ng	97
49) Acenaphthylene	14.52	152	742578	42.475	ng	99
50) Dimethylphthalate	14.25	163	620271	41.489	ng	99
51) 2,6-Dinitrotoluene	14.38	165	143458	50.886	ng	93
52) Acenaphthene	14.86	154	449643	39.621	ng	97
53) 3-Nitroaniline	14.70	138	92982	32.911	ng	# 91
54) 2,4-Dinitrophenol	14.91	184	107986	84.849	ng	91
55) Dibenzofuran	15.19	168	738545	40.590	ng	99
56) 4-Nitrophenol	14.99	139	220636	81.505	ng	89
57) 2,4-Dinitrotoluene	15.16	165	197117	53.921	ng	# 87
58) Fluorene	15.84	166	589719	43.477	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	183563	51.654	ng	96
60) Diethylphthalate	15.60	149	640029	41.406	ng	98
61) 4-Chlorophenyl-phenylether	15.83	204	316705	41.236	ng	96
62) 4-Nitroaniline	15.87	138	134852	43.451	ng	91
63) Azobenzene	16.12	77	565003	37.397	ng	96
65) 4,6-Dinitro-2-methylphenol	15.91	198	95467	52.190	ng	96
66) n-Nitrosodiphenylamine	16.04	169	546842	40.100	ng	99
67) 4-Bromophenyl-phenylether	16.72	248	206730	41.550	ng	97
68) Hexachlorobenzene	16.83	284	212998	42.669	ng	97
69) Atrazine	16.98	200	213967	42.935	ng	96
70) Pentachlorophenol	17.18	266	239424	69.009	ng	99
71) Phenanthrene	17.58	178	960715	41.388	ng	99
72) Anthracene	17.68	178	967486	42.314	ng	98
73) Carbazole	17.94	167	804272	35.247	ng	99
74) Di-n-butylphthalate	18.48	149	998314	37.502	ng	100
75) Fluoranthene	19.58	202	1020350	37.872	ng	99
77) Benzidine	19.76	184	361654	30.503	ng	100
78) Pyrene	19.94	202	1006167	44.694	ng	99
80) Butylbenzylphthalate	20.81	149	384793	40.519	ng	94
81) Benzo(a)anthracene	21.81	228	910685	42.618	ng	99
82) 3,3'-Dichlorobenzidine	21.72	252	213406	26.934	ng	99
83) Chrysene	21.88	228	855504	42.057	ng	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	537473	39.671	ng	100
85) Di-n-octyl phthalate	22.95	149	929212	41.514	ng	95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1027863	47.097	ng	100
88) Benzo(b)fluoranthene	24.13	252	883661	43.646	ng	99
89) Benzo(k)fluoranthene	24.20	252	874332	43.014	ng	99
90) Benzo(a)pyrene	25.05	252	874912	44.871	ng	99
91) Dibenzo(a,h)anthracene	29.17	278	830572	45.485	ng	99
92) Benzo(g,h,i)perylene	30.33	276	843799	46.361	ng	96

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

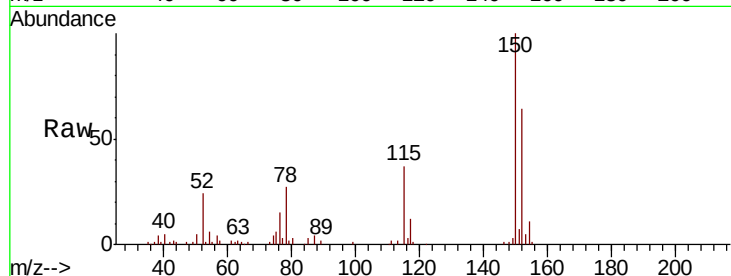


#1

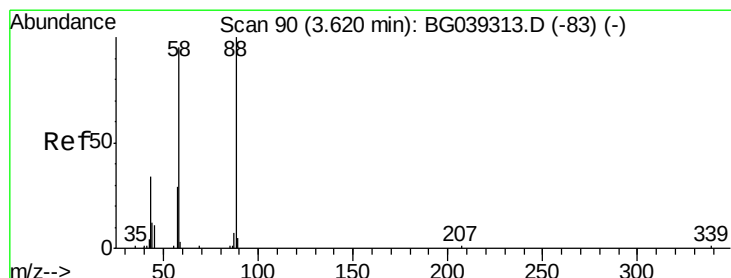
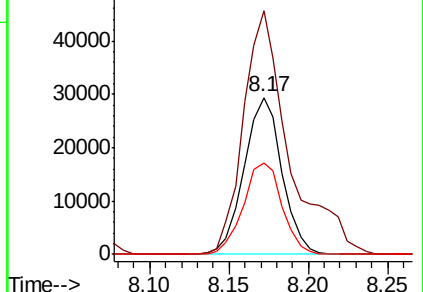
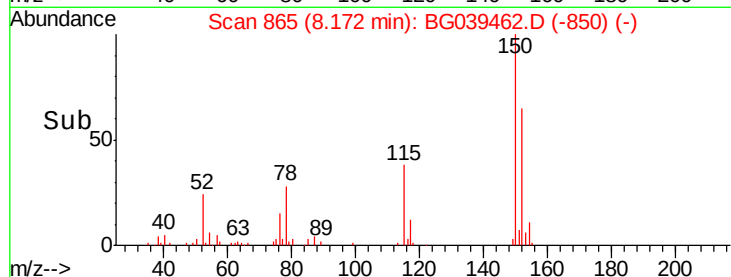
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:152 Resp: 48545
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.7 185.5
 115 58.1 45.9 68.9



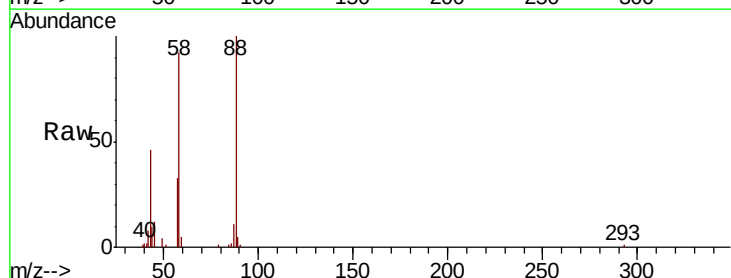
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



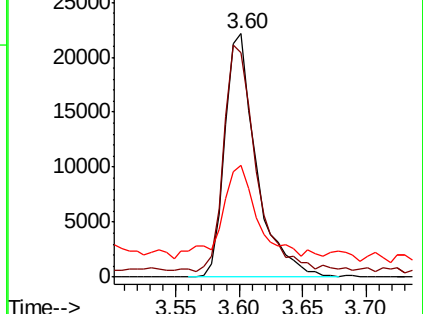
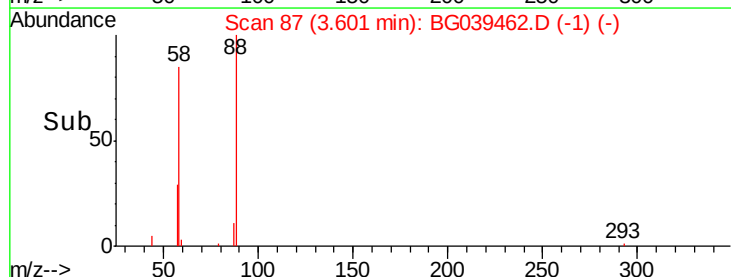
#2

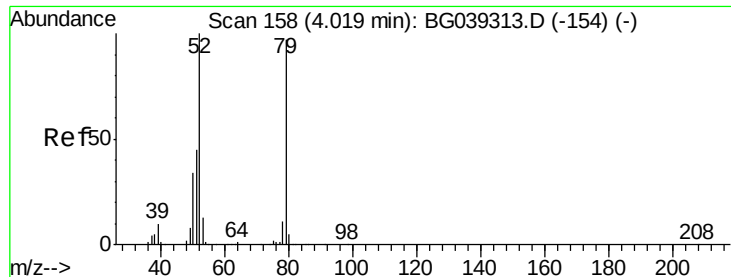
1,4-Dioxane
 Concen: 30.641 ng
 RT: 3.60 min Scan# 87
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion: 88 Resp: 38016
 Ion Ratio Lower Upper
 88 100
 58 95.7 81.1 121.7
 43 43.4 31.4 47.0



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





#3

Pvridine

Concen: 34.294 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

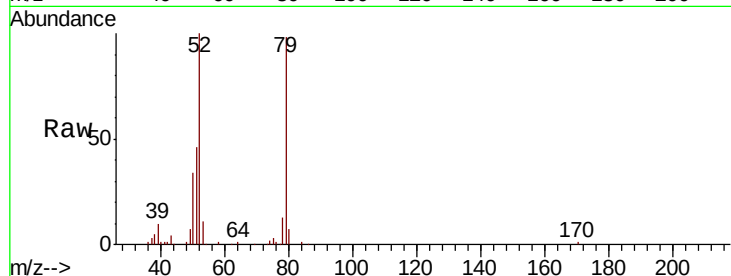
Tot Ion: 79 Resp: 112653

Ion Ratio Lower Upper

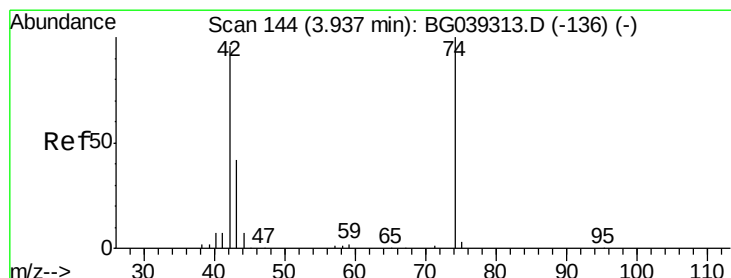
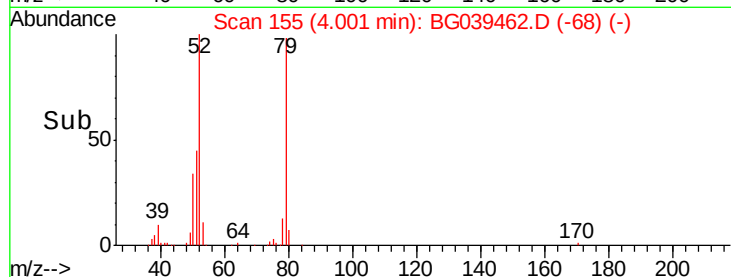
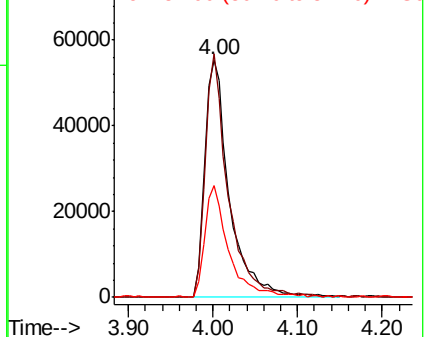
79 100

52 102.5 82.6 124.0

51 46.9 37.5 56.3



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



#4

n-Nitrosodimethylamine

Concen: 38.068 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

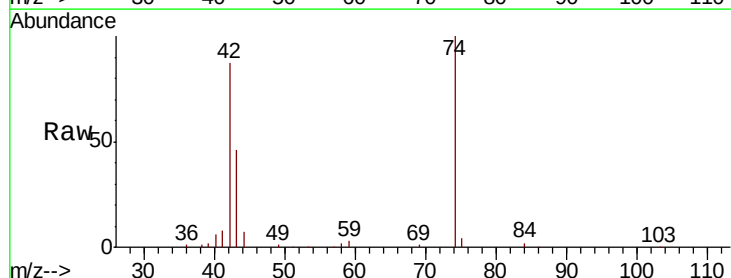
Tgt Ion: 42 Resp: 62539

Ion Ratio Lower Upper

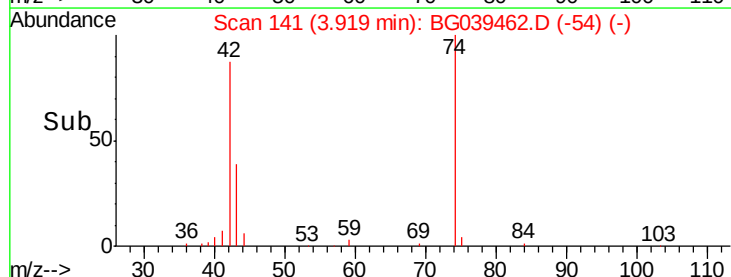
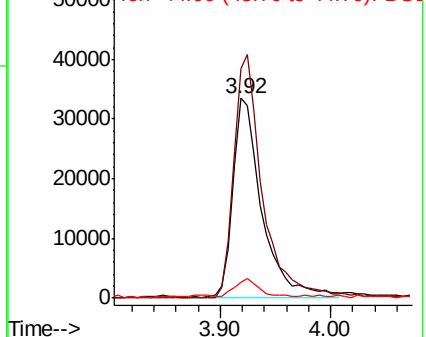
42 100

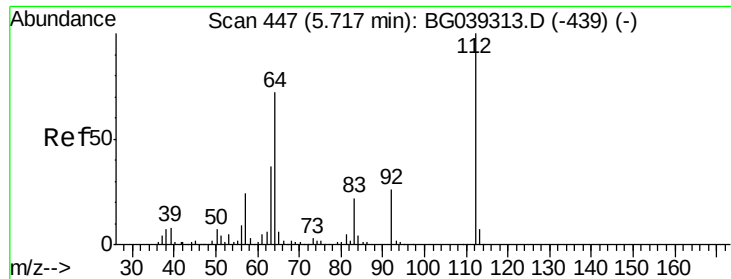
74 114.7 83.6 125.4

44 7.8 6.9 10.3



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





#5

2-Fluorophenol

Concen: 173.611 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

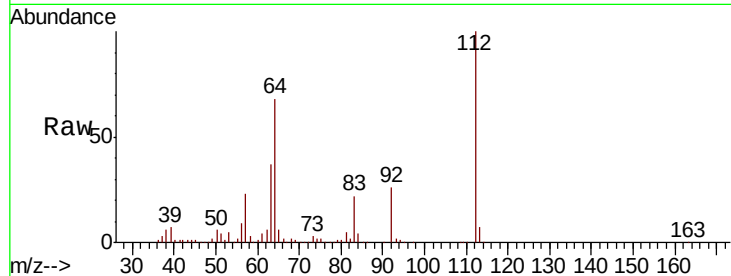
Tot Ion:112 Resp: 492428

Ion Ratio Lower Upper

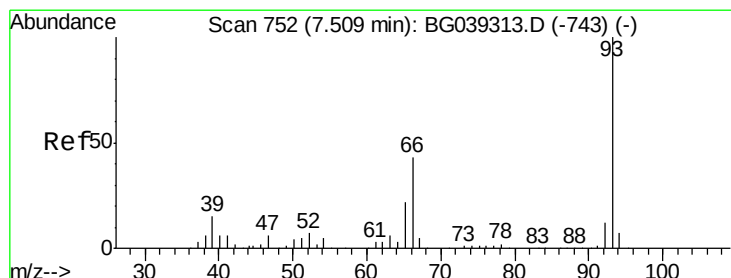
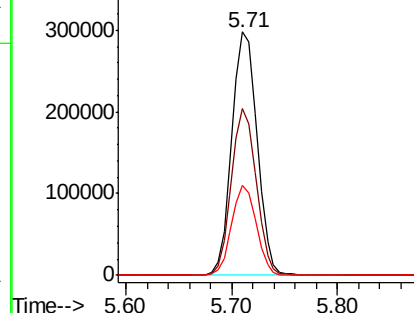
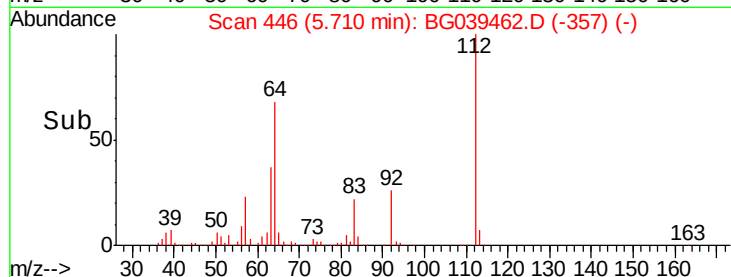
112 100

64 68.5 57.8 86.8

63 37.1 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 33.682 ng

RT: 7.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

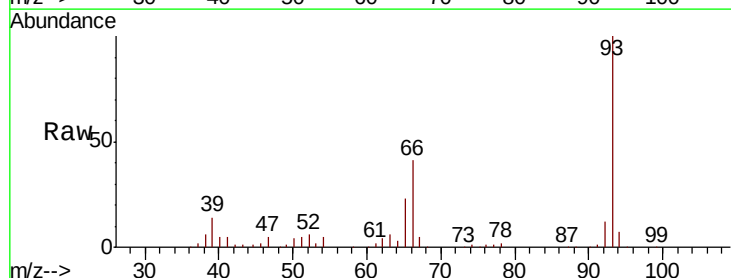
Tgt Ion: 93 Resp: 176146

Ion Ratio Lower Upper

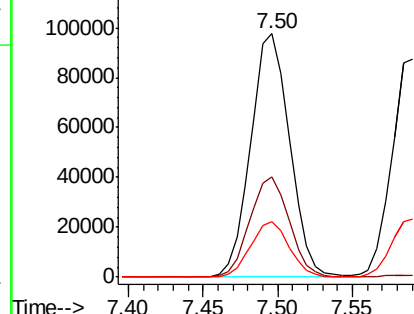
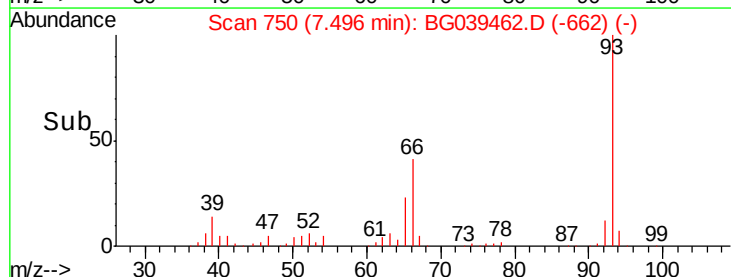
93 100

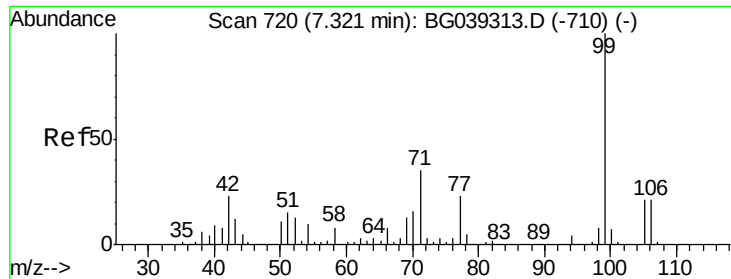
66 41.4 34.2 51.4

65 22.6 17.7 26.5



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 175.133 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

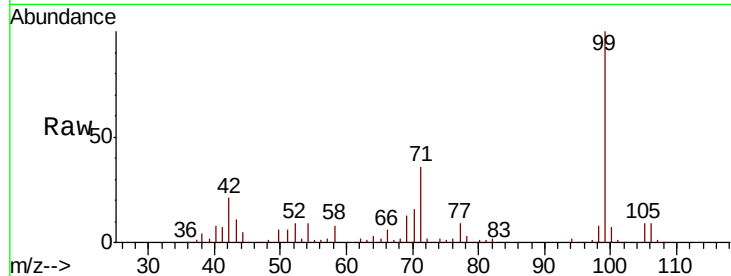
Tot Ion: 99 Resp: 731193

Ion Ratio Lower Upper

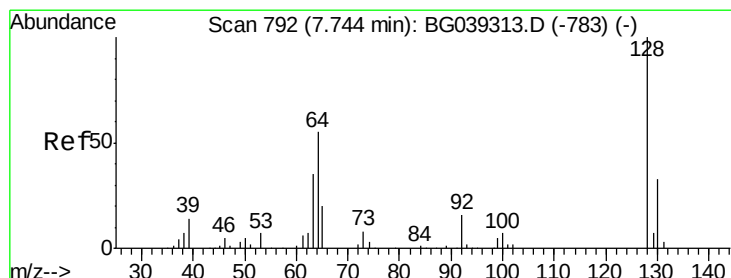
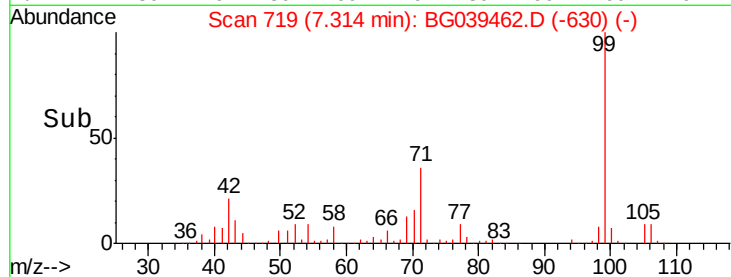
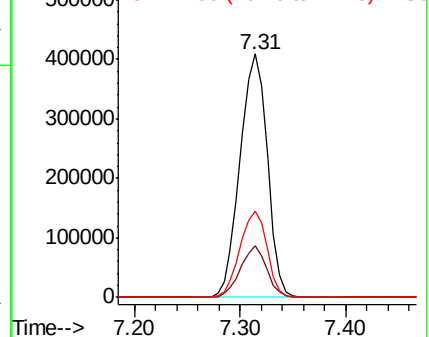
99 100

42 20.9 18.2 27.2

71 35.6 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: 51.424 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

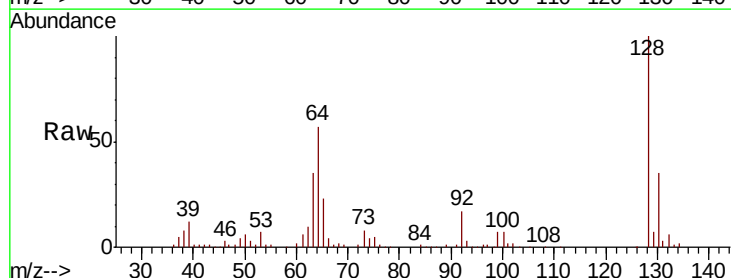
Tgt Ion: 128 Resp: 159436

Ion Ratio Lower Upper

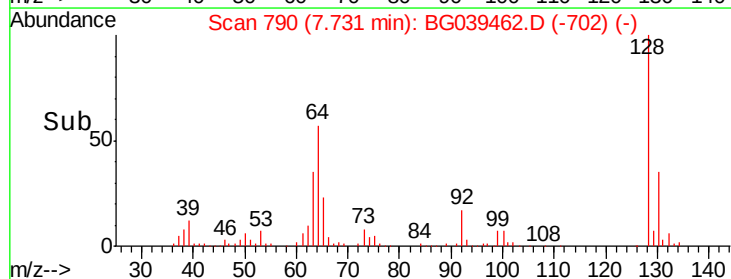
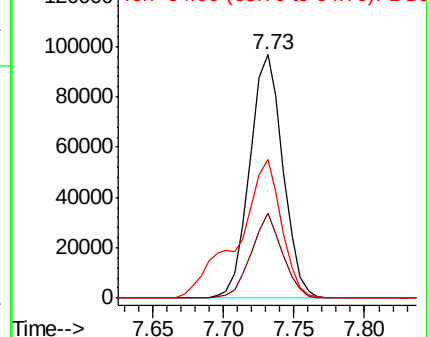
128 100

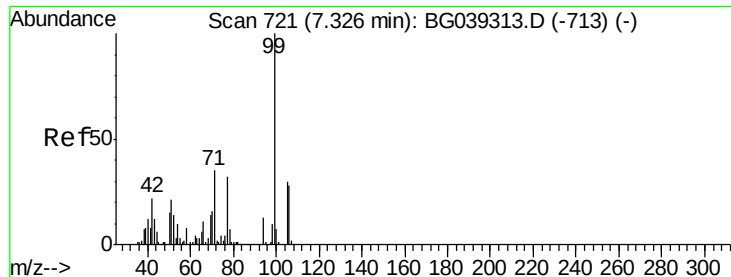
130 35.0 12.9 52.9

64 57.1 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: 32.941 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampled :

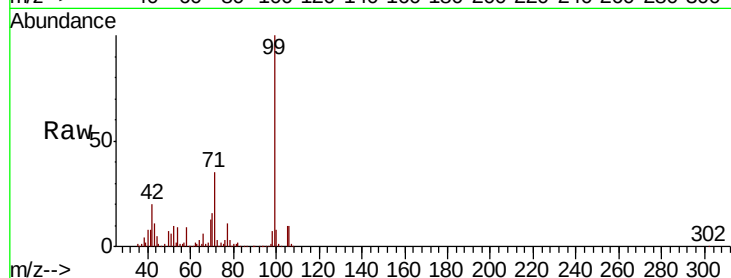
Tot Ion: 77 Resp: 72277

Ion Ratio Lower Upper

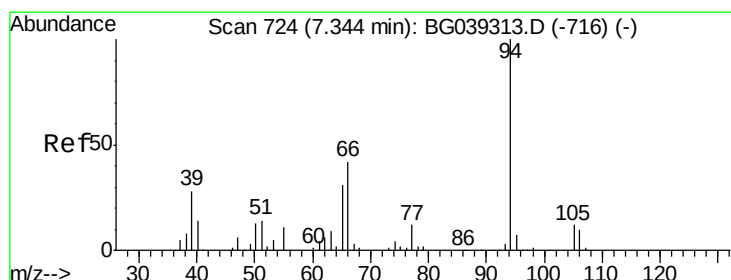
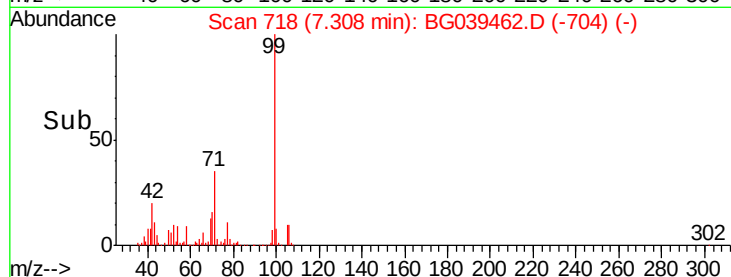
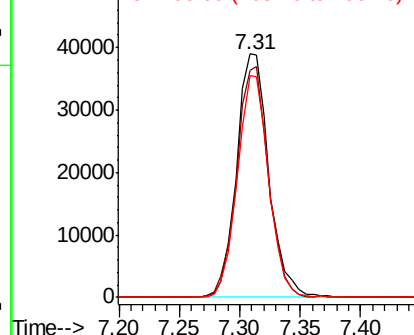
77 100

105 93.1 74.5 114.5

106 91.3 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: 51.777 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

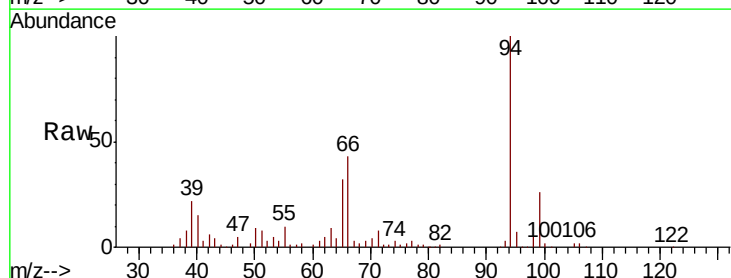
Tgt Ion: 94 Resp: 225344

Ion Ratio Lower Upper

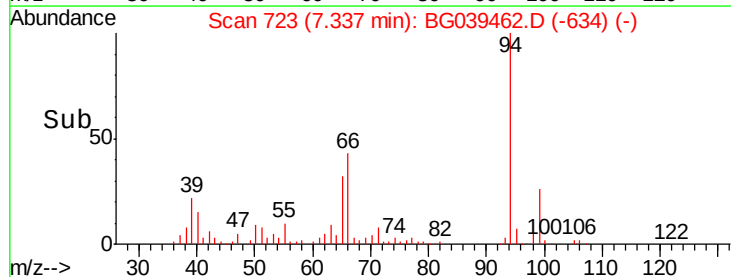
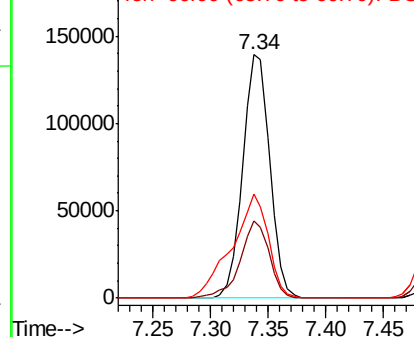
94 100

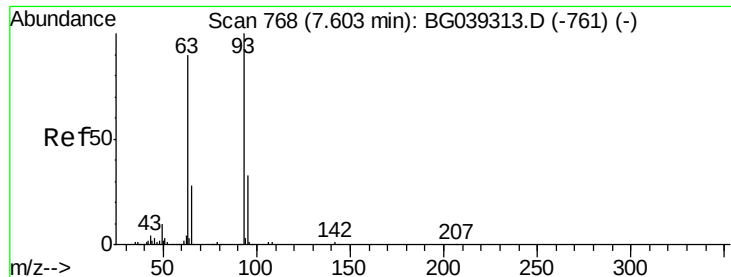
65 31.8 11.7 51.7

66 42.6 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: 41.304 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

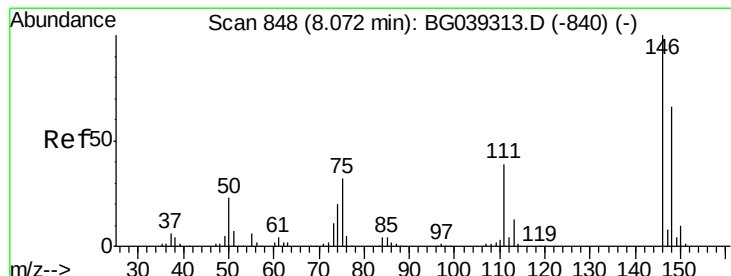
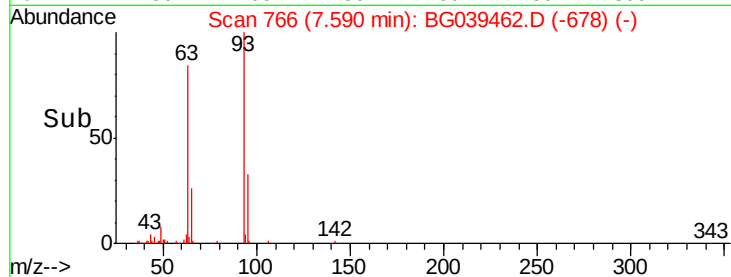
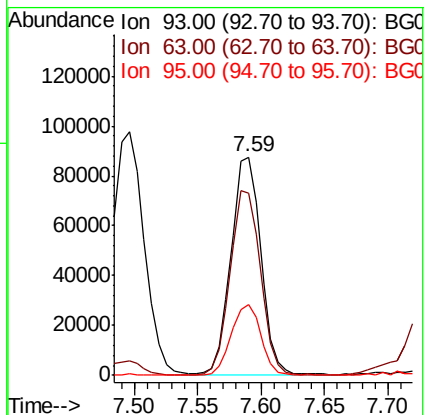
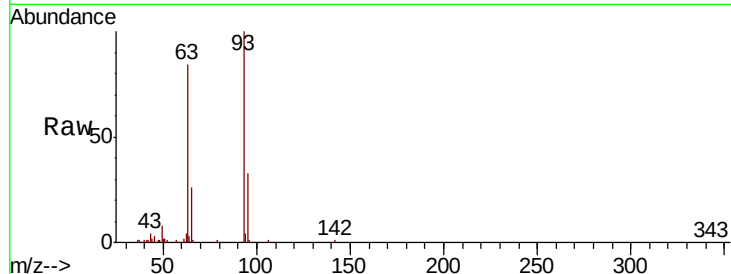
Tot Ion: 93 Resp: 142048

Ion Ratio Lower Upper

93 100

63 83.5 69.5 109.5

95 32.5 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 38.773 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

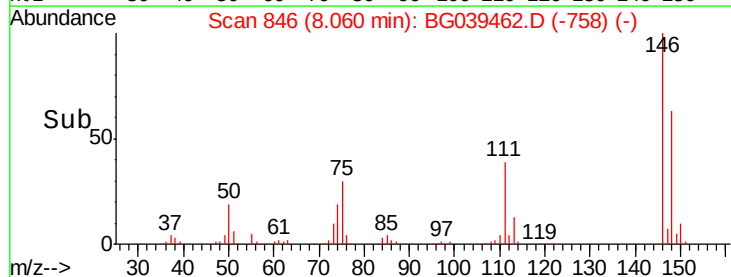
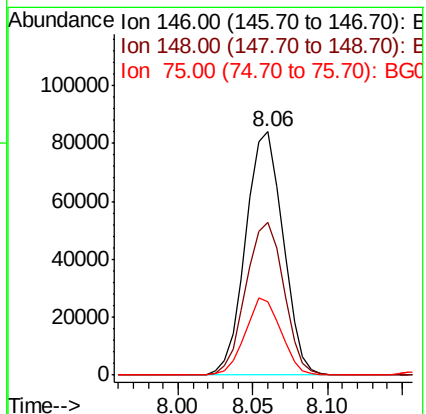
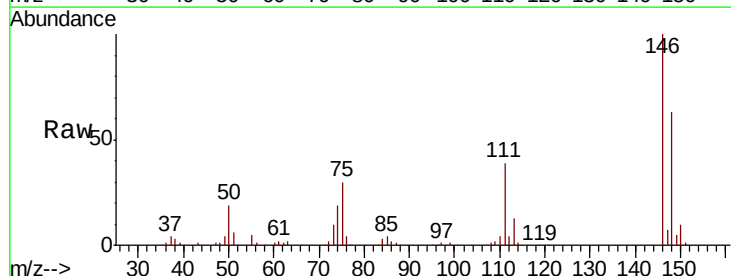
Tgt Ion: 146 Resp: 145627

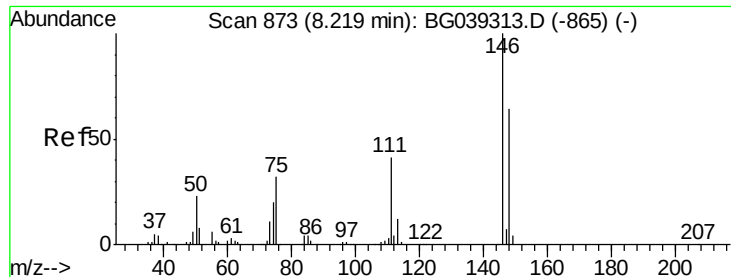
Ion Ratio Lower Upper

146 100

148 62.9 52.6 79.0

75 30.3 25.8 38.6

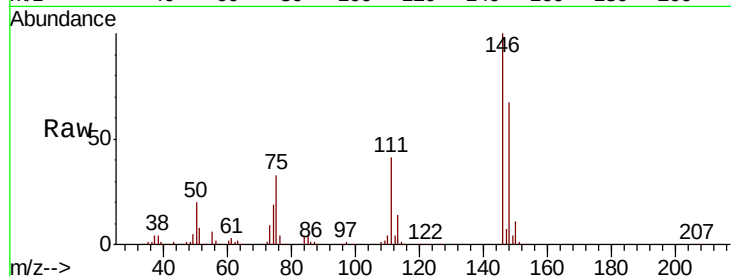




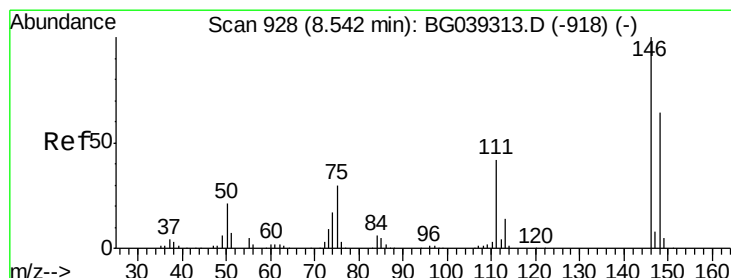
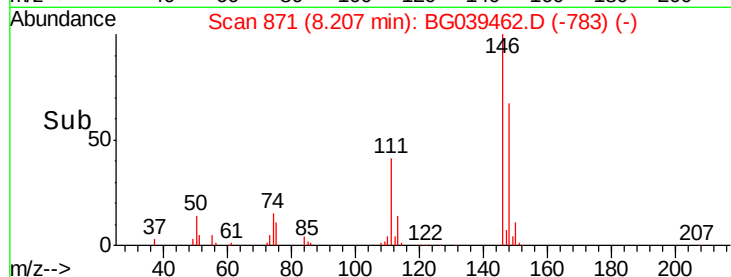
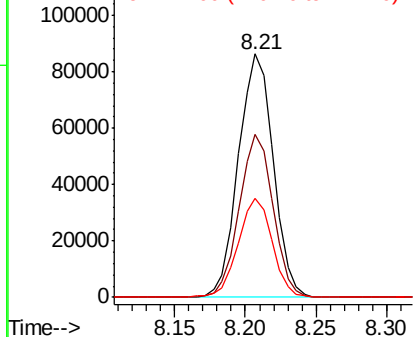
#13
 1,4-Dichlorobenzene
 Concen: 39.780 ng
 RT: 8.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 148921
 Ion Ratio Lower Upper
 146 100
 148 66.7 51.1 76.7
 111 40.7 32.6 48.8

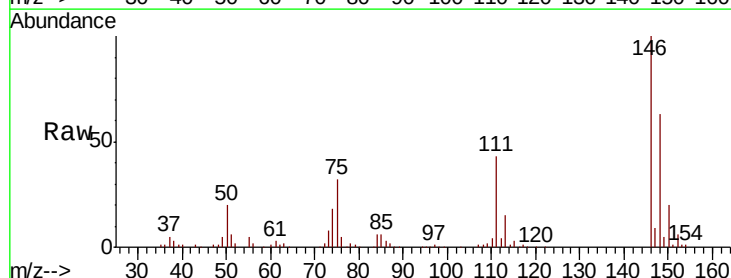


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

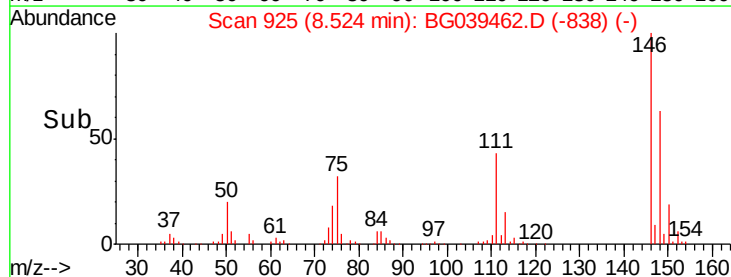
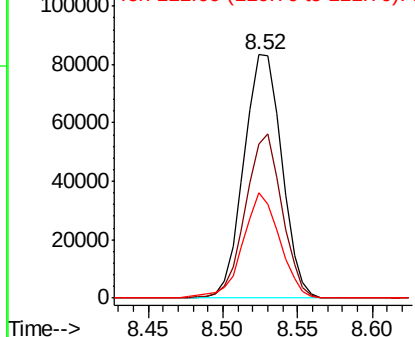


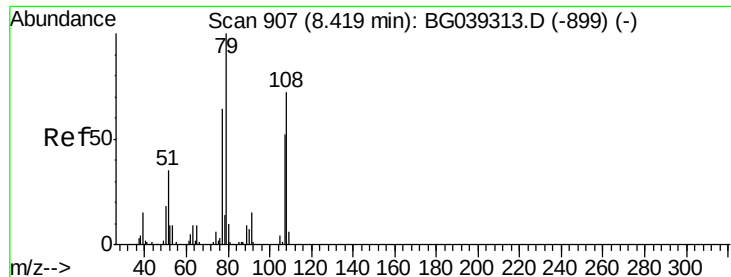
#14
 1,2-Dichlorobenzene
 Concen: 40.446 ng
 RT: 8.52 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion:146 Resp: 146579
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.5 77.3
 111 43.0 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: 49.442 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

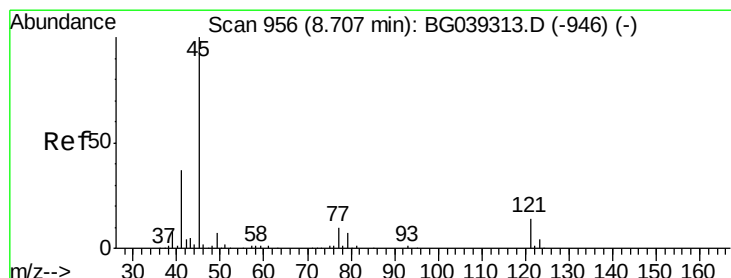
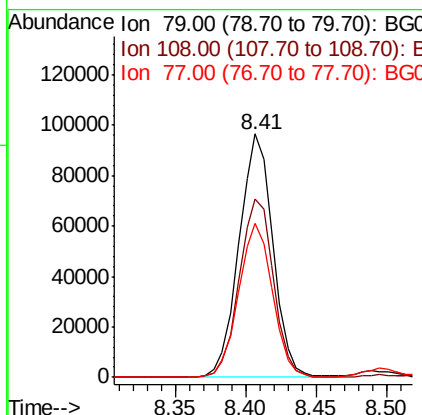
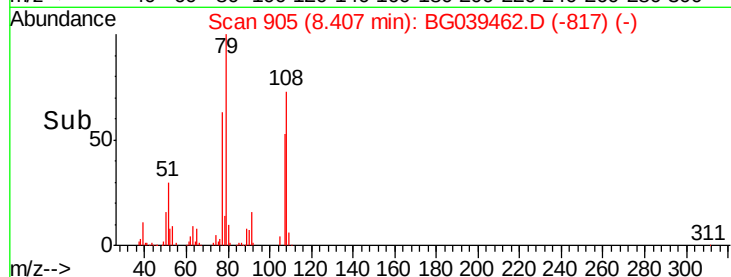
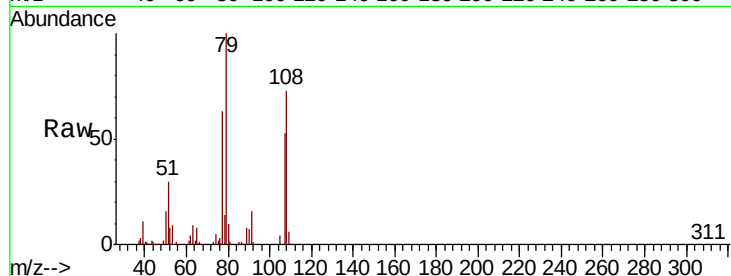
Tot Ion: 79 Resp: 162060

Ion Ratio Lower Upper

79 100

108 73.3 57.8 86.6

77 63.3 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.420 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

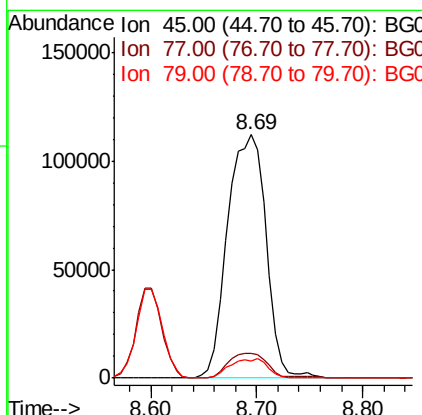
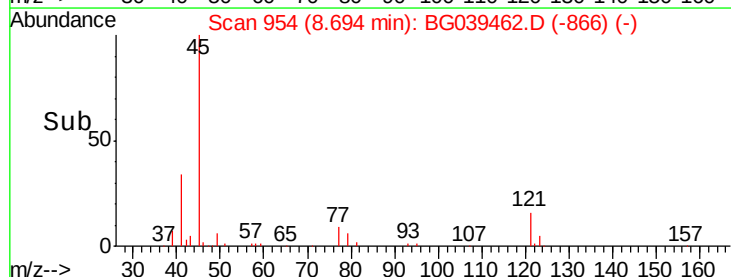
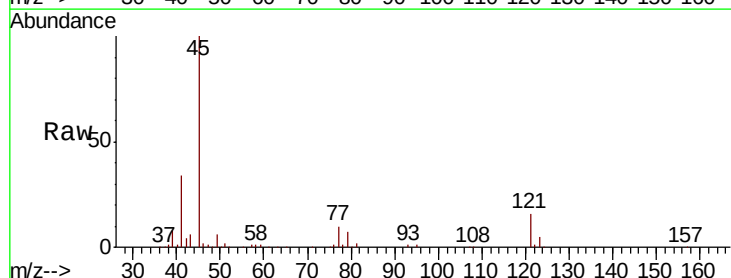
Tgt Ion: 45 Resp: 282847

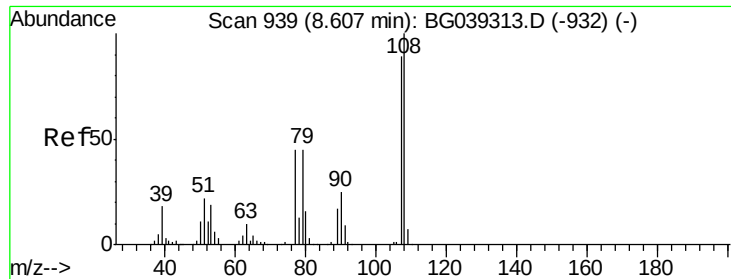
Ion Ratio Lower Upper

45 100

77 10.3 0.0 30.0

79 7.0 0.0 27.5





#17

2-Methylphenol

Concen: 52.902 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampled :

Tot Ion:107 Resp: 148994

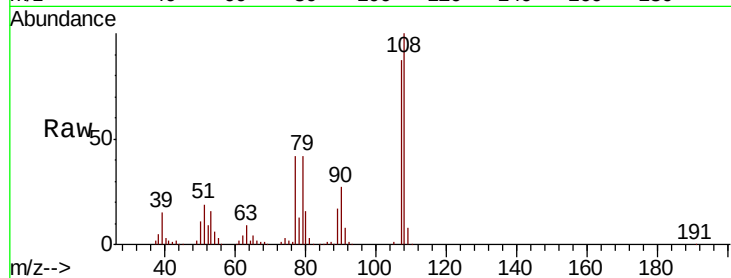
Ion Ratio Lower Upper

107 100

108 114.9 90.8 136.2

77 48.5 40.7 61.1

79 47.7 40.6 60.8

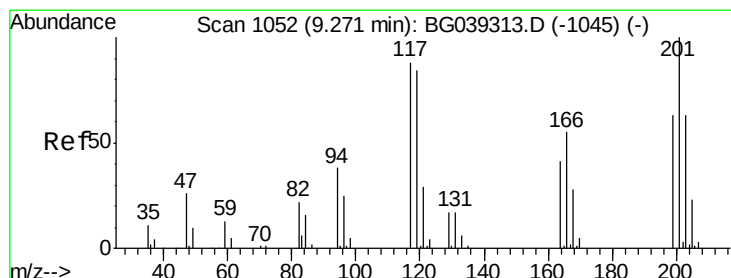
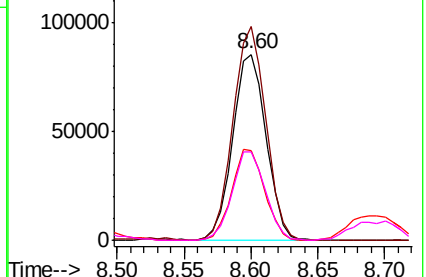
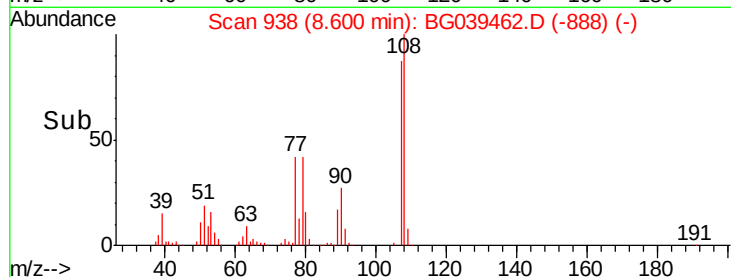


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.891 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

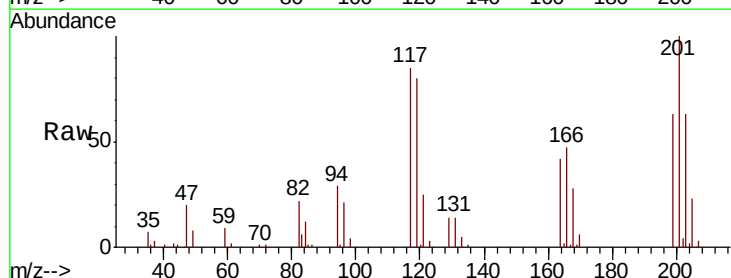
Tgt Ion:117 Resp: 51378

Ion Ratio Lower Upper

117 100

119 94.3 76.3 114.5

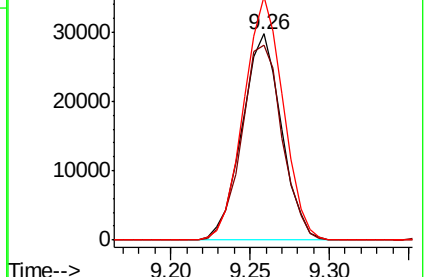
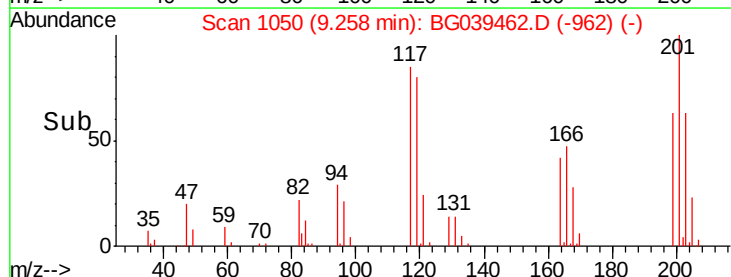
201 118.1 91.1 136.7

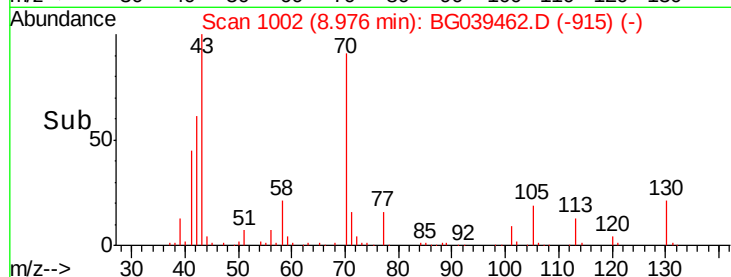
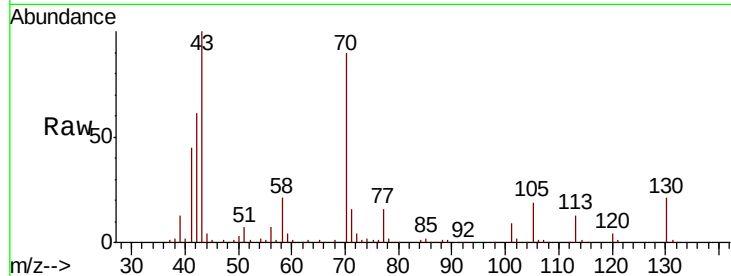
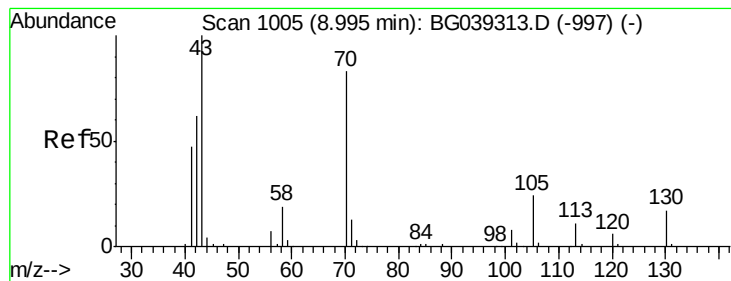


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.746 ng

RT: 8.98 min Scan# 1002

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampled :

Tot Ion: 70 Resp: 129634

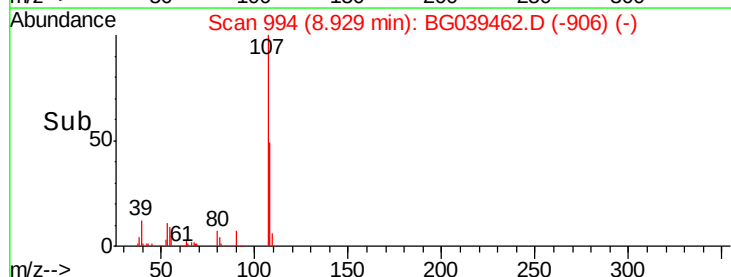
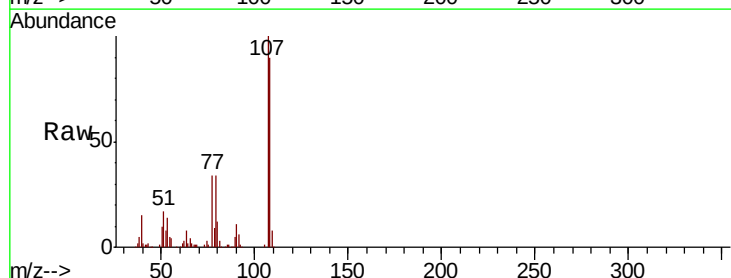
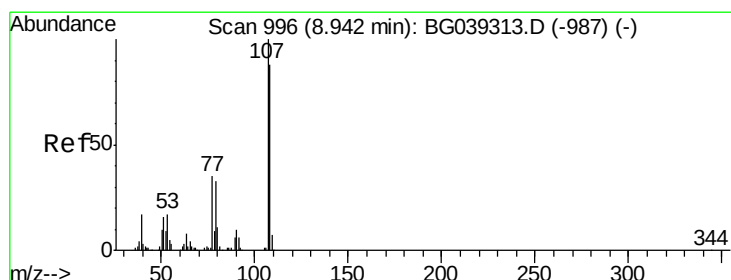
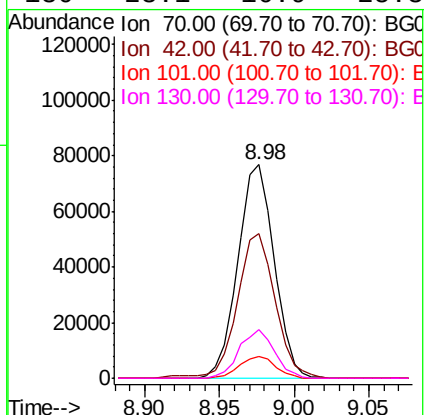
Ion Ratio Lower Upper

70 100

42 67.4 60.4 90.6

101 10.2 7.5 11.3

130 23.1 16.9 25.3



#20

3+4-Methylphenols

Concen: 54.445 ng

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion: 107 Resp: 211161

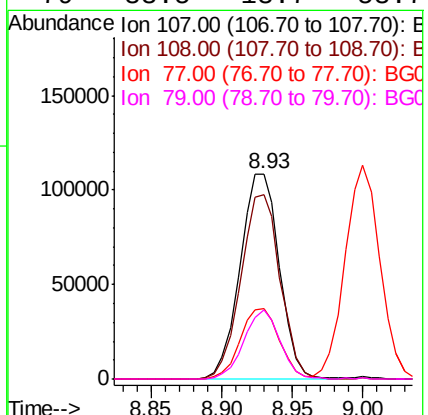
Ion Ratio Lower Upper

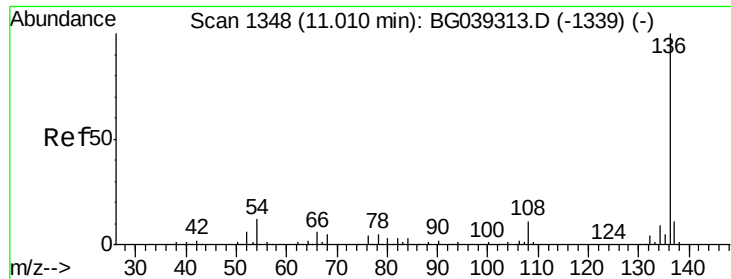
107 100

108 90.0 67.9 107.9

77 34.1 15.4 55.4

79 33.5 13.7 53.7

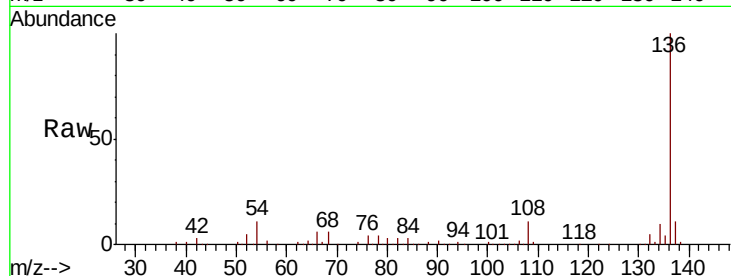




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1345
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	245819
Ion Ratio	Lower	Upper
136	100	
137	11.0	9.1 13.7
54	10.5	9.4 14.2
68	5.7	4.2 6.4



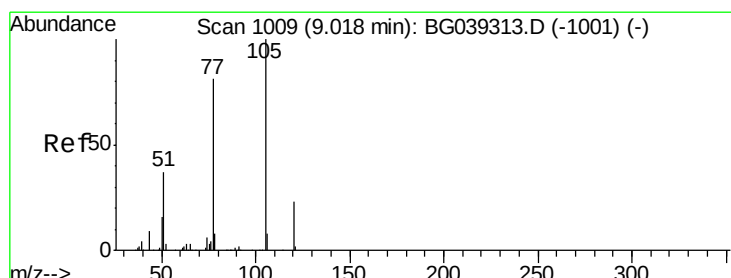
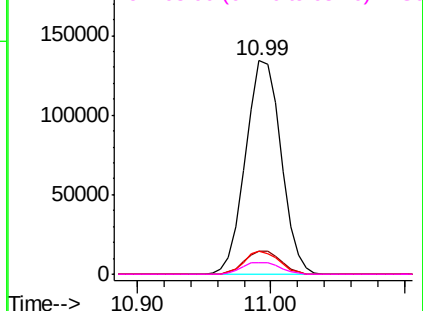
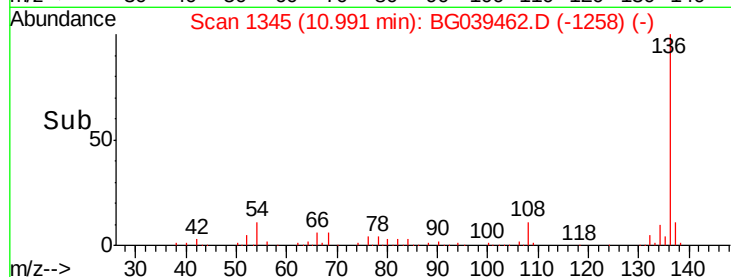
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

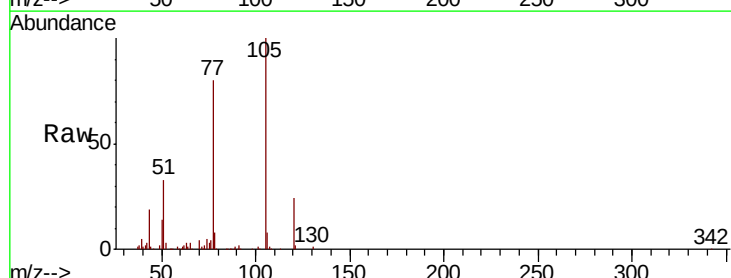
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 36.772 ng
RT: 9.00 min Scan# 1006
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:105	Resp:	242811
Ion Ratio	Lower	Upper
105	100	
71	0.5	0.8 1.2#
51	32.8	30.2 45.2
120	23.9	18.0 27.0



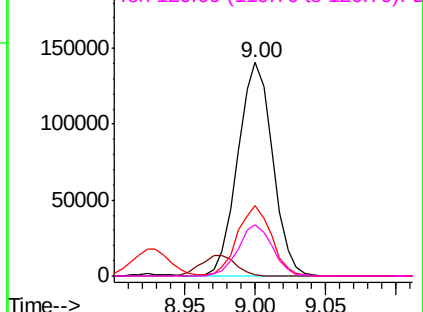
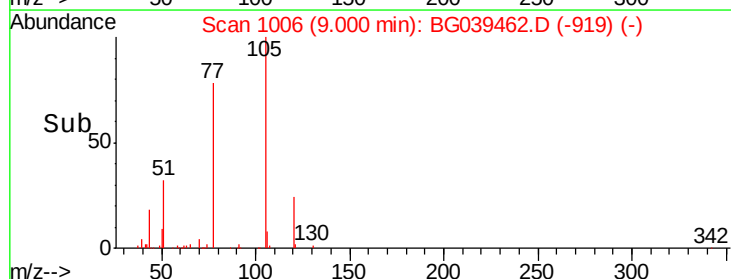
Abundance

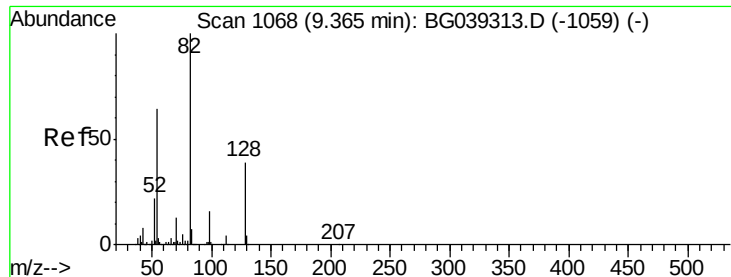
Ion 105.00 (104.70 to 105.70): E

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

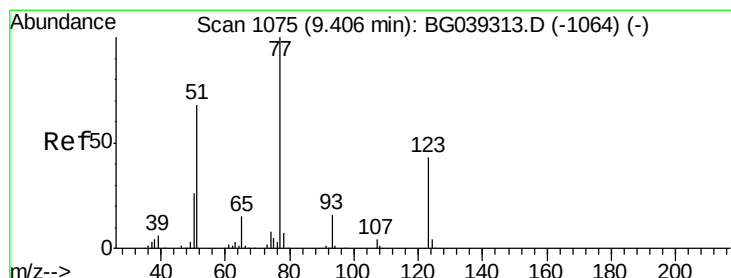
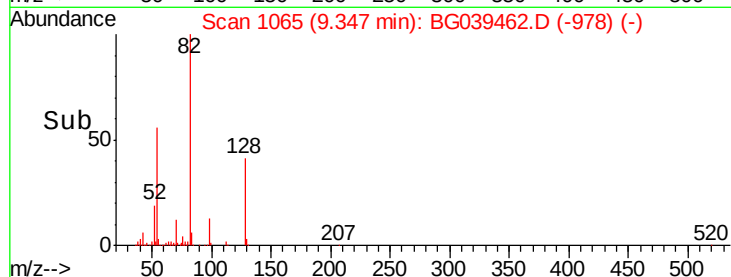
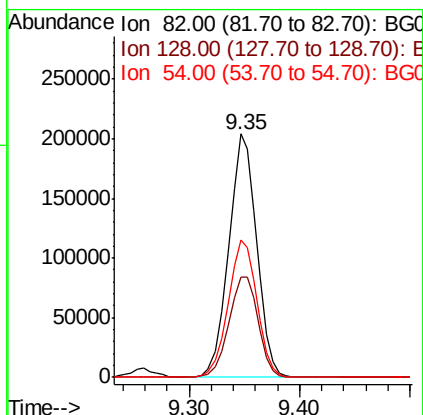
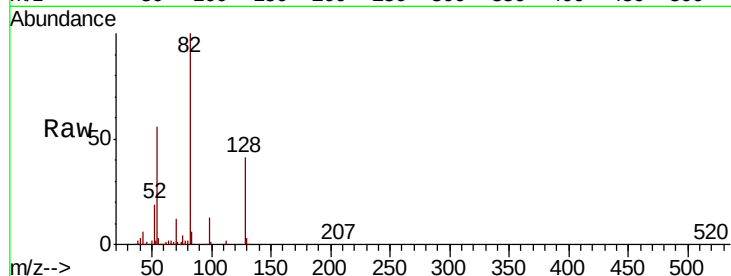




#23
 Nitrobenzene-d5
 Concen: 91.489 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

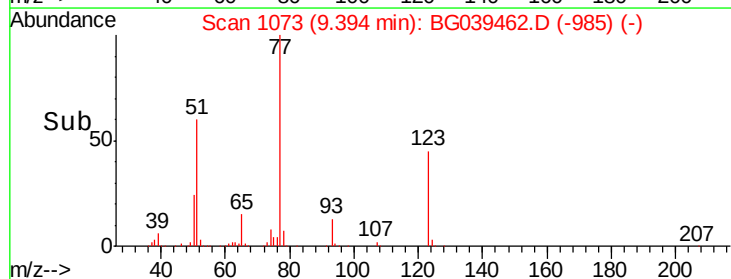
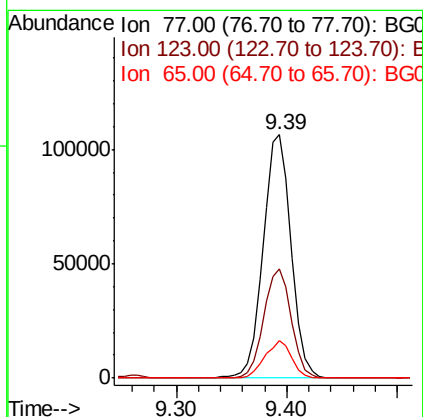
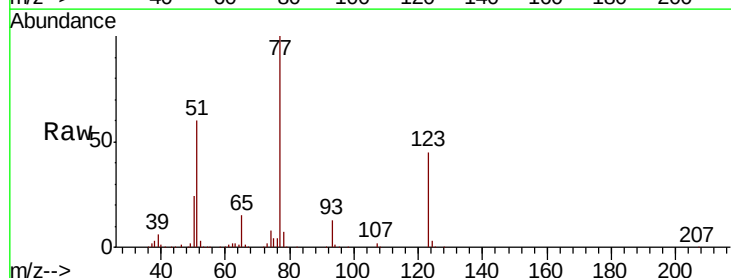
Instrument :
 BNA_G
 ClientSampled :

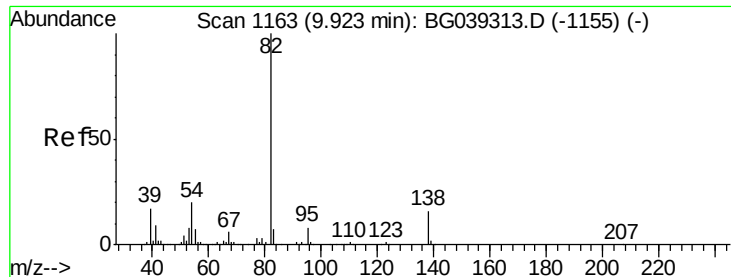
Tot Ion	82	Resp	359998
Ion Ratio	Lower	Upper	
82	100		
128	41.0	31.3	46.9
54	56.3	50.9	76.3



#24
 Nitrobenzene
 Concen: 44.224 ng
 RT: 9.39 min Scan# 1073
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	77	Resp	187995
Ion Ratio	Lower	Upper	
77	100		
123	45.0	34.1	51.1
65	15.2	12.3	18.5





#25

Isophorone

Concen: 44.451 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

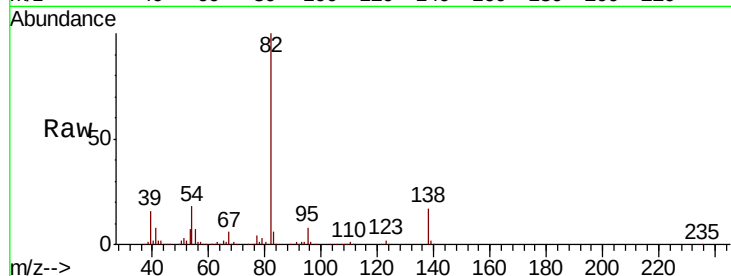
Tot Ion: 82 Resp: 387601

Ion Ratio Lower Upper

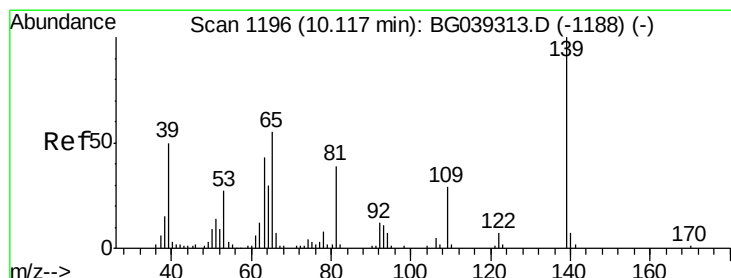
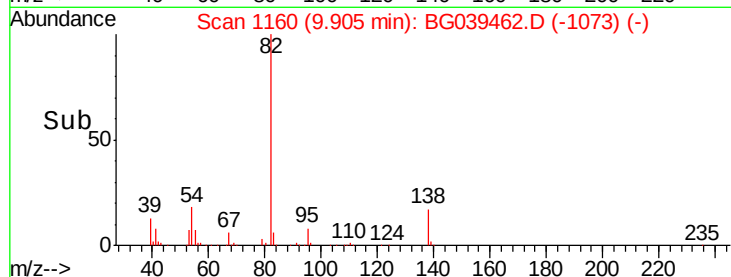
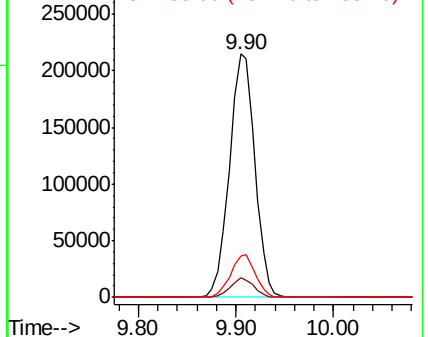
82 100

95 7.9 6.2 9.2

138 16.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 54.498 ng

RT: 10.10 min Scan# 1193

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

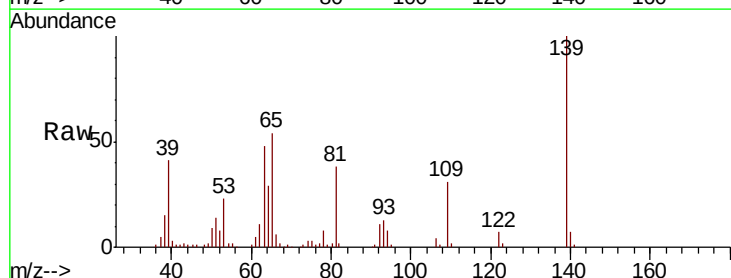
Tgt Ion: 139 Resp: 94752

Ion Ratio Lower Upper

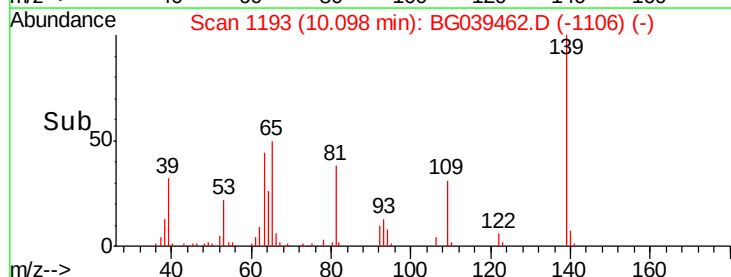
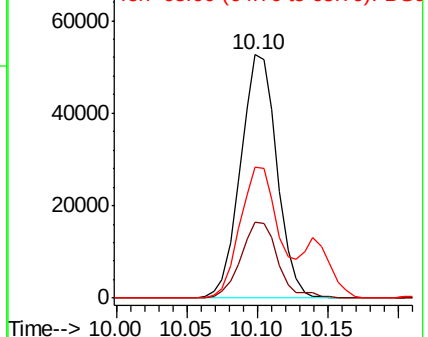
139 100

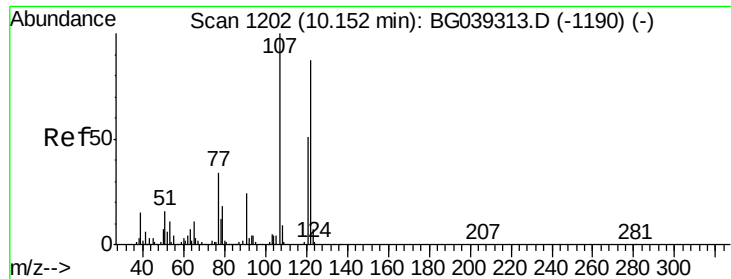
109 31.4 23.4 35.0

65 53.8 44.3 66.5



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

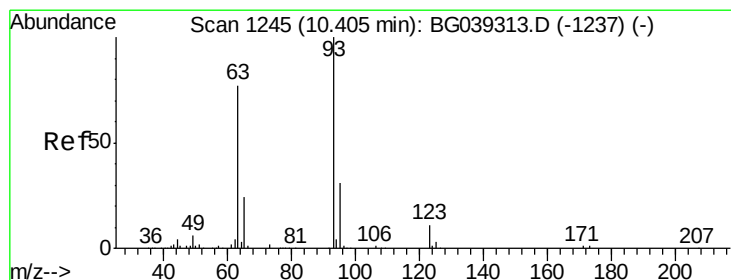
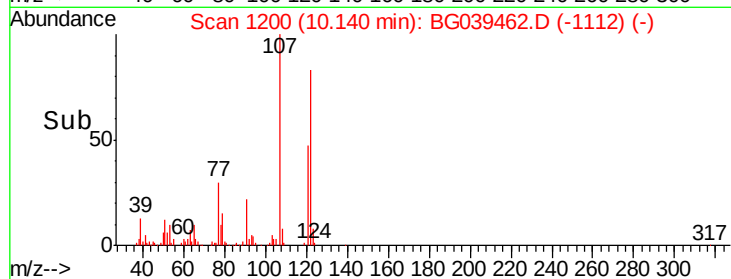
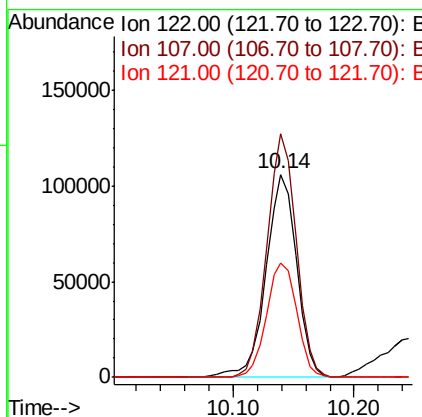
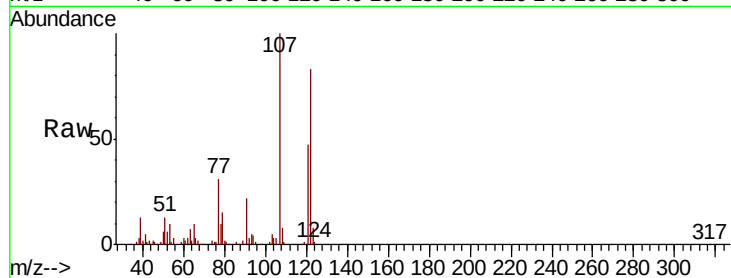




#27
 2,4-Dimethylphenol
 Concen: 52.637 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

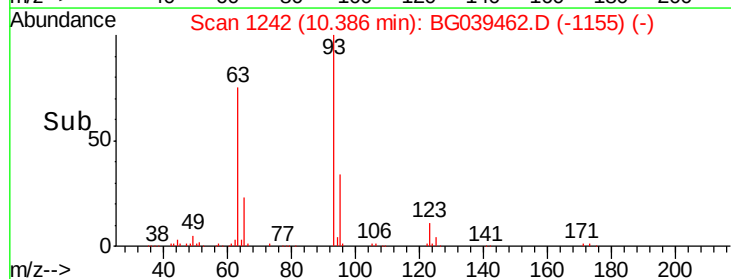
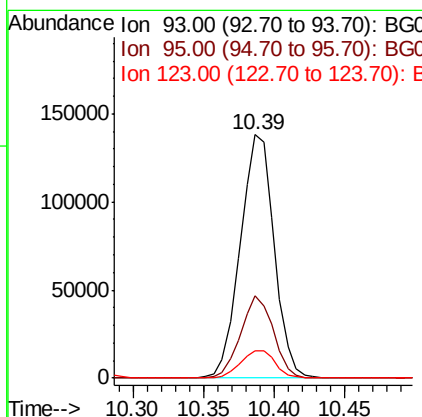
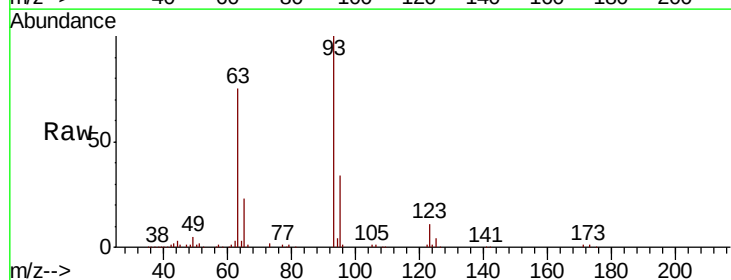
Instrument :
 BNA_G
 ClientSampleId :

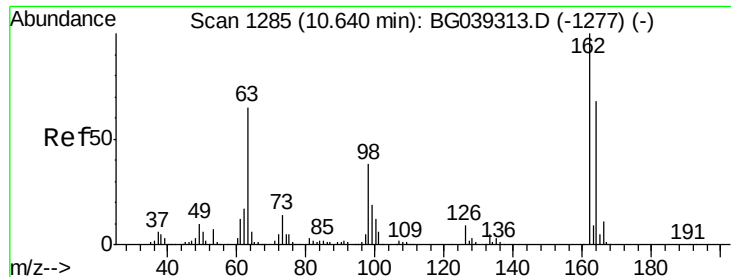
Tot Ion	Ratio	Lower	Upper
122	100		
107	120.0	91.7	137.5
121	56.4	46.4	69.6



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.206 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	25.0	37.4
123	11.5	8.6	12.8

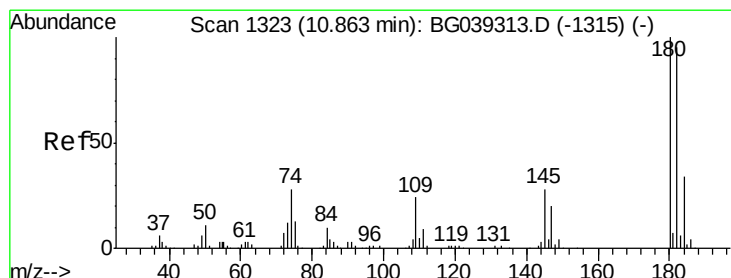
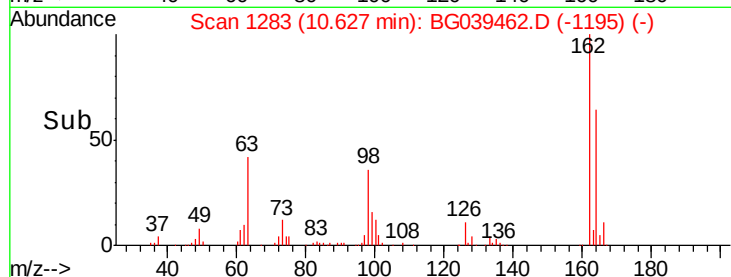
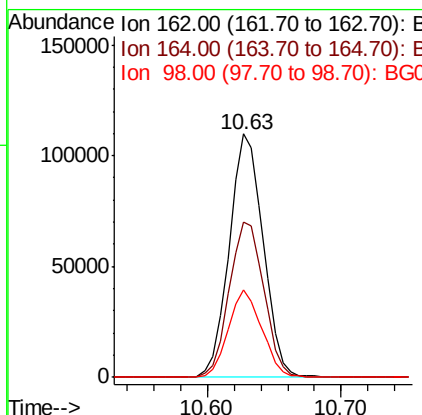
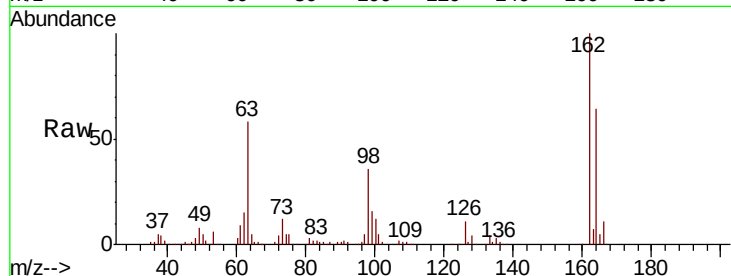




#29
2,4-Dichlorophenol
Concen: 50.292 ng
RT: 10.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

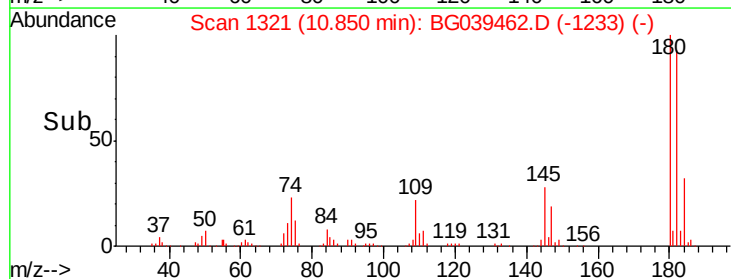
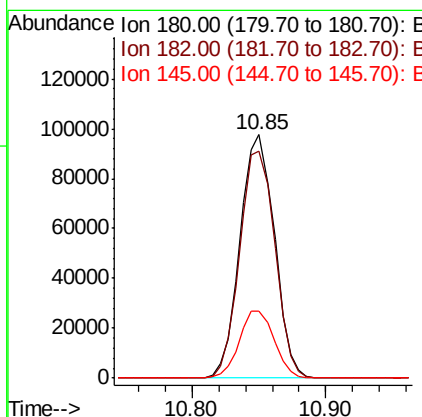
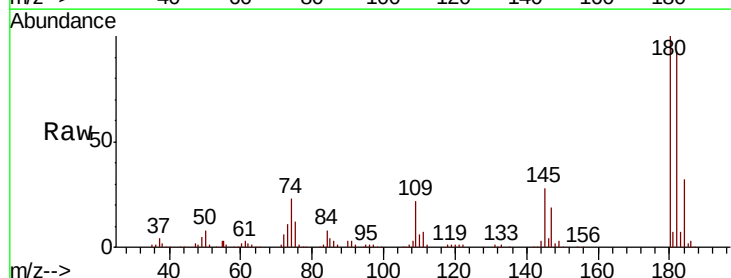
Instrument :
BNA_G
ClientSampled :

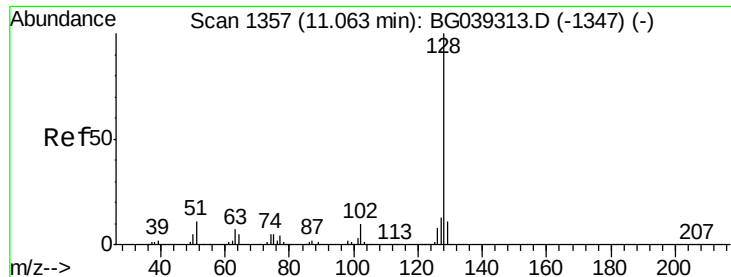
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	48.1	88.1
98	35.9	18.1	58.1



#30
1,2,4-Trichlorobenzene
Concen: 40.164 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	76.0	114.0
145	27.6	22.7	34.1

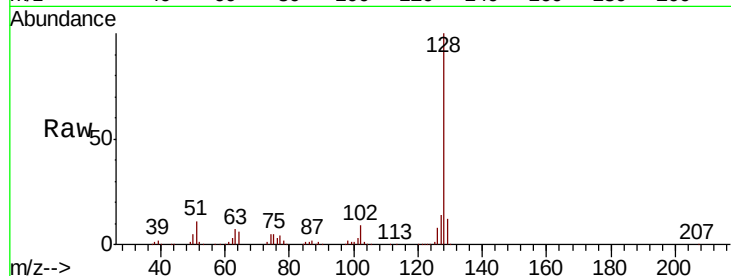




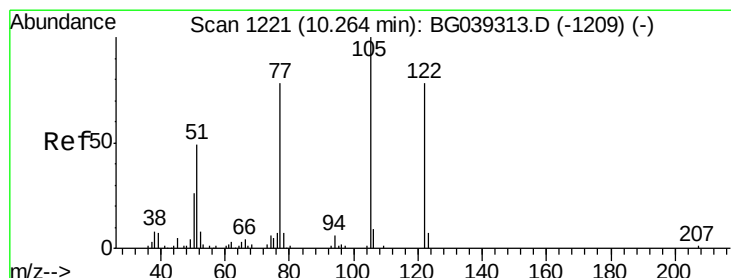
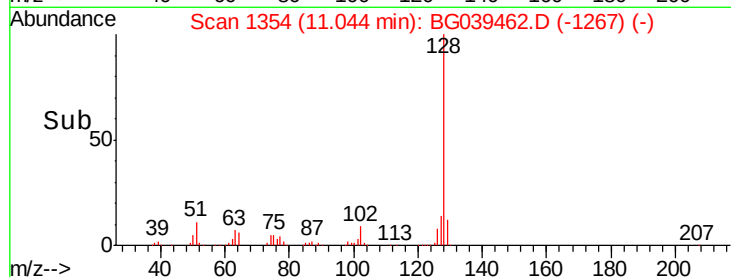
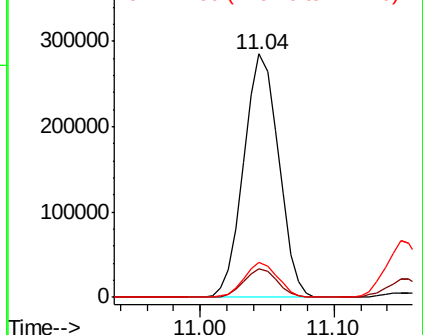
#31
Naphthalene
Concen: 42.354 ng
RT: 11.04 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 516505
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.1 10.8 16.2

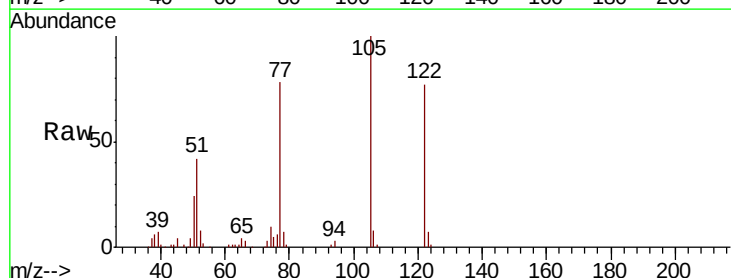


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

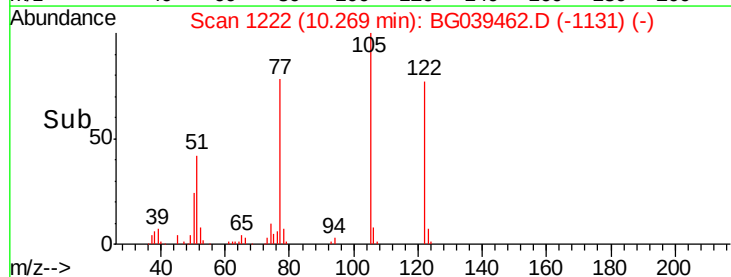
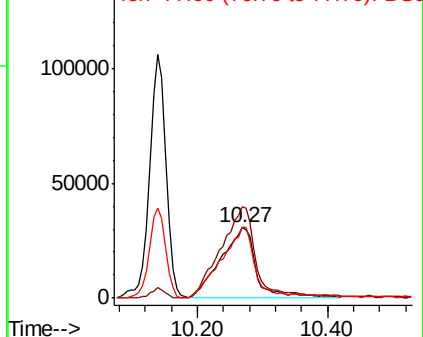


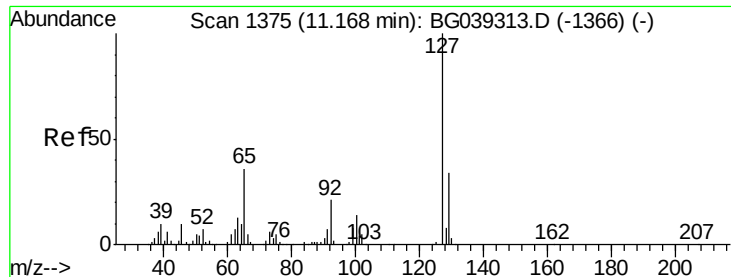
#32
Benzoic acid
Concen: 49.108 ng
RT: 10.27 min Scan# 1222
Delta R.T. 0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:122 Resp: 114020
Ion Ratio Lower Upper
122 100
105 129.5 101.8 141.8
77 101.6 76.3 116.3



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

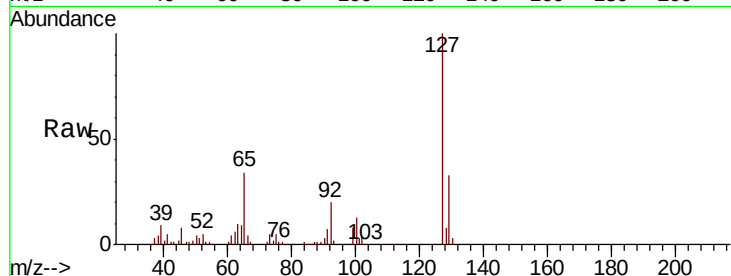




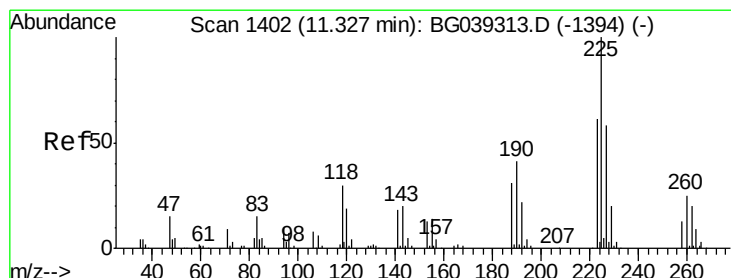
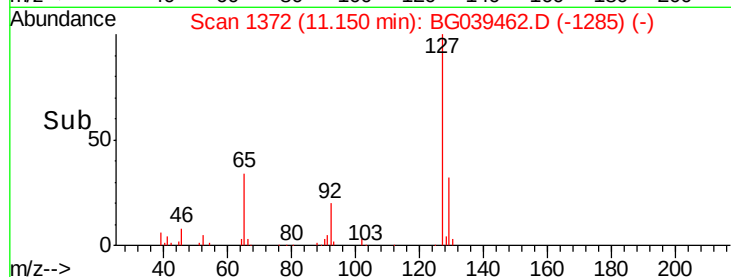
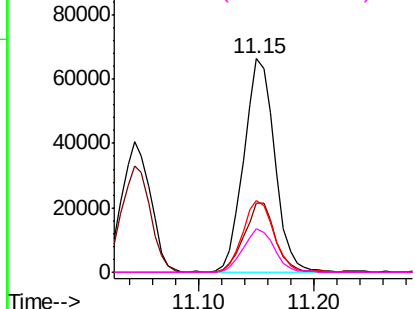
#33
4-Chloroaniline
Concen: 21.892 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	123789
Ion	Ratio	Lower	Upper
127	100		
129	32.6	27.0	40.4
65	33.8	28.8	43.2
92	20.5	16.6	25.0

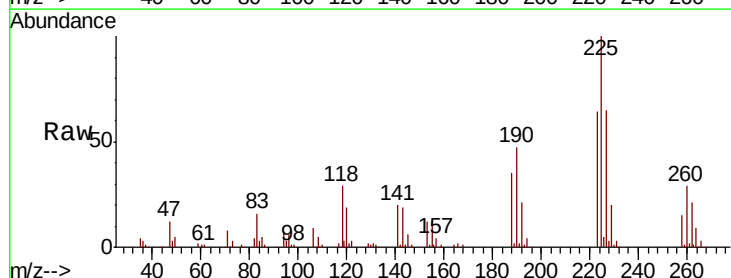


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

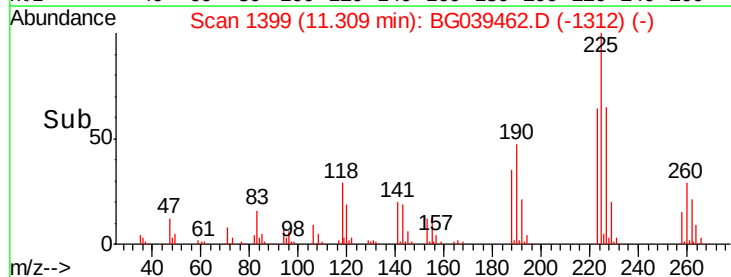
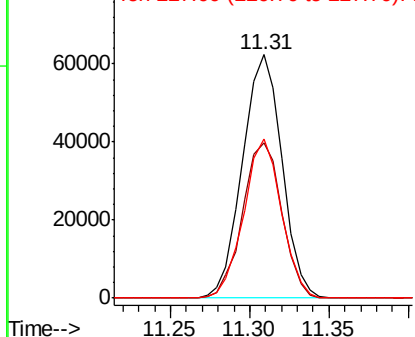


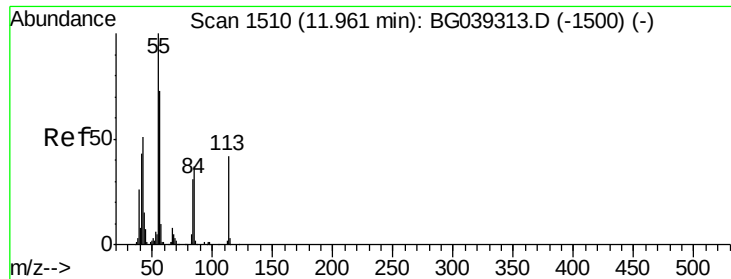
#34
Hexachlorobutadiene
Concen: 37.554 ng
RT: 11.31 min Scan# 1399
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:	225	Resp:	108094
Ion	Ratio	Lower	Upper
225	100		
223	63.6	49.0	73.6
227	65.2	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

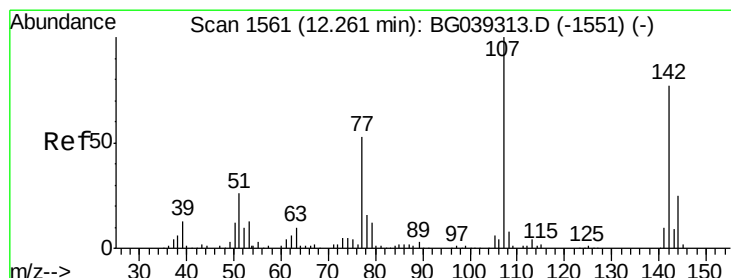
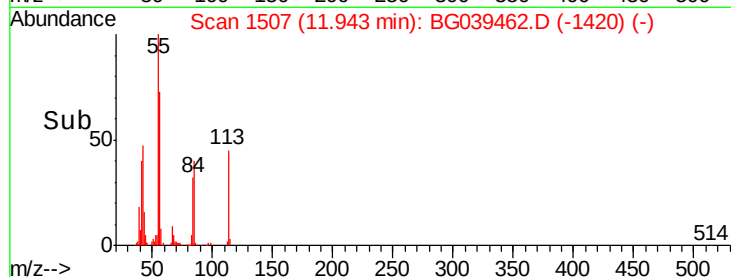
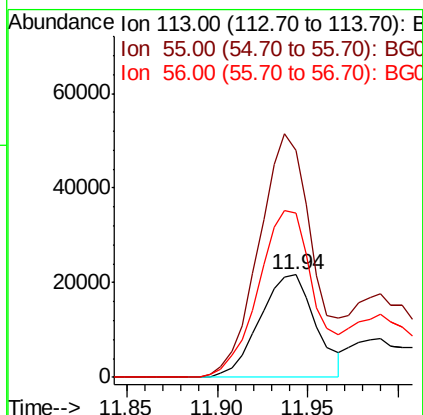
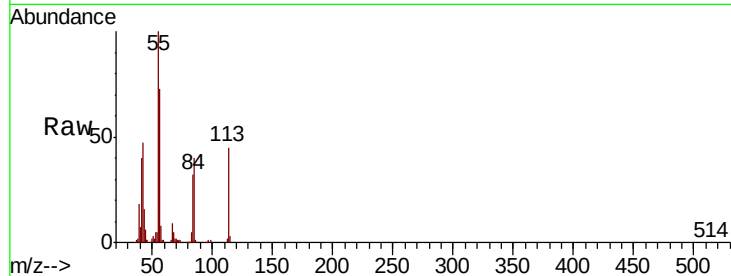




#35
 Caprolactam
 Concen: 29.064 ng
 RT: 11.94 min Scan# 1507
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

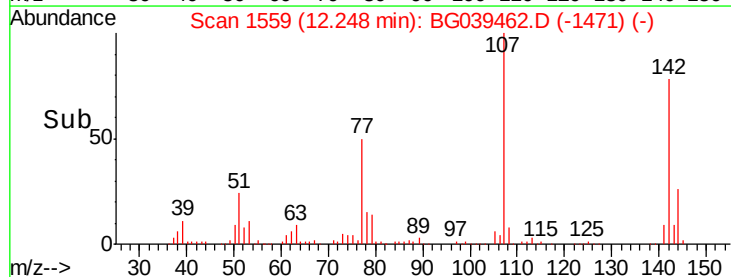
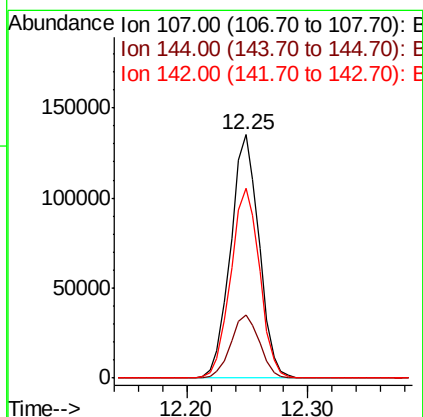
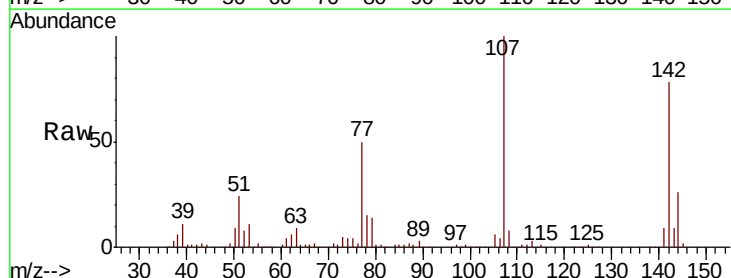
Instrument :
 BNA_G
 ClientSampled :

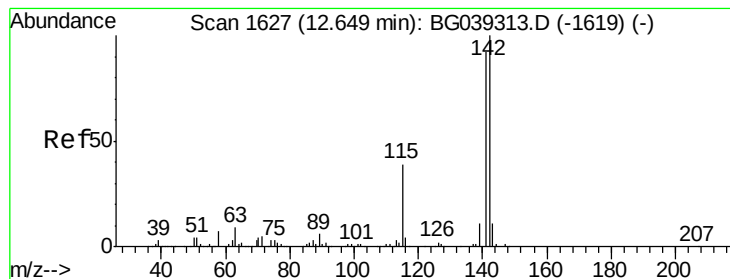
Tot Ion:113 Resp: 46366
 Ion Ratio Lower Upper
 113 100
 55 221.6 216.9 256.9
 56 160.7 152.6 192.6



#36
 4-Chloro-3-methylphenol
 Concen: 49.758 ng
 RT: 12.25 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion:107 Resp: 221844
 Ion Ratio Lower Upper
 107 100
 144 25.9 20.2 30.2
 142 78.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 46.303 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

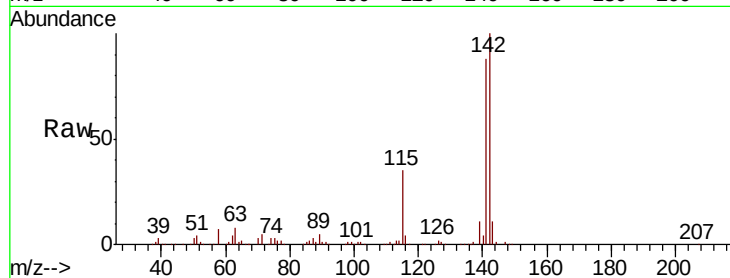
Tot Ion:142 Resp: 418222

Ion Ratio Lower Upper

142 100

141 88.1 73.5 110.3

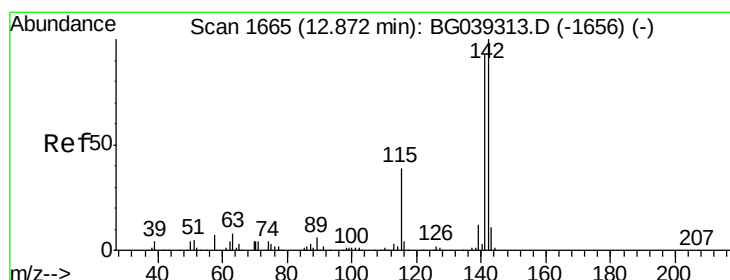
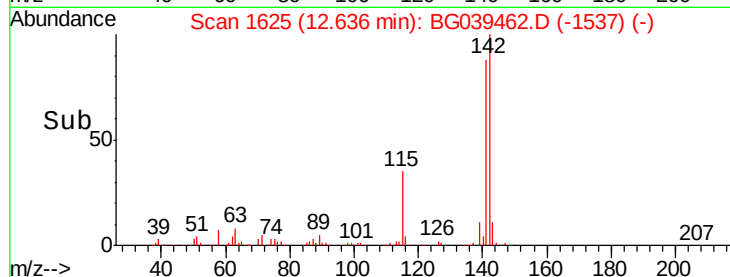
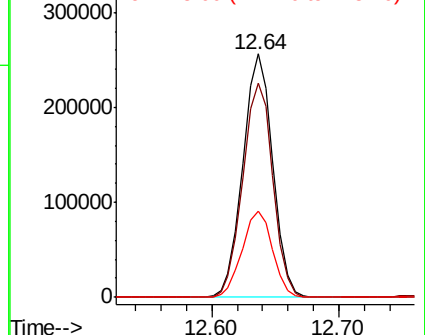
115 35.3 30.8 46.2



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: 46.766 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

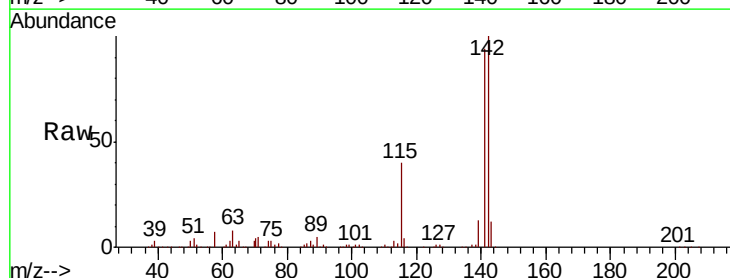
Tgt Ion:142 Resp: 407172

Ion Ratio Lower Upper

142 100

141 94.4 74.2 111.4

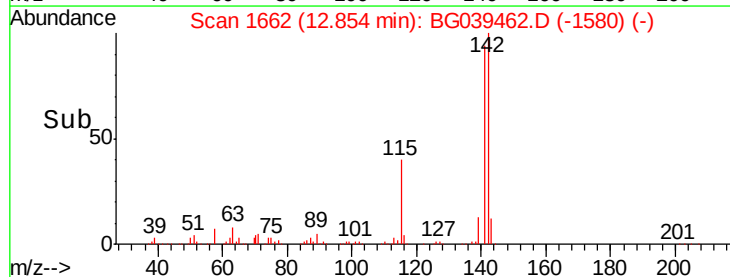
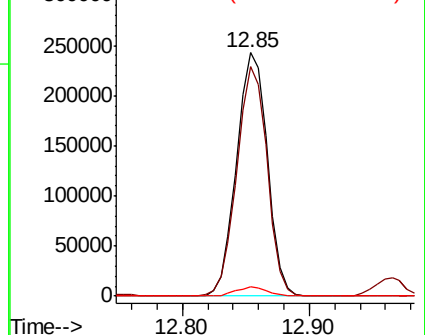
116 4.0 3.0 4.6

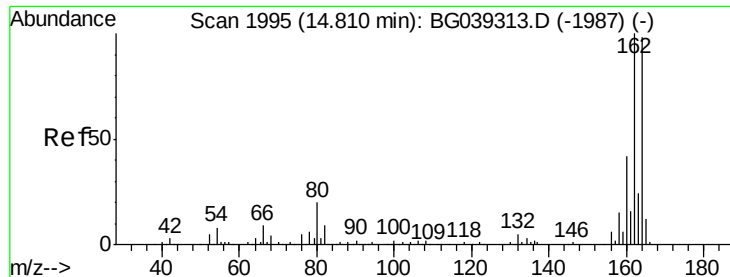


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

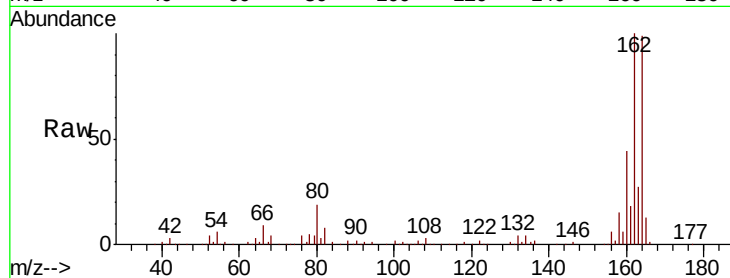
Tot Ion:164 Resp: 185111

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 44.0 34.2 51.2

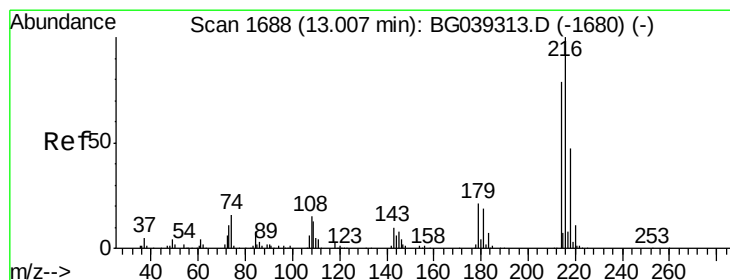
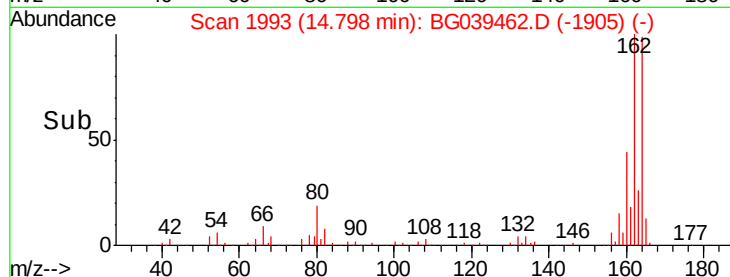
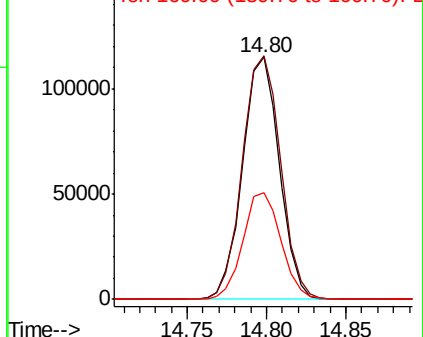


Abundance

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: 39.266 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:216 Resp: 231266

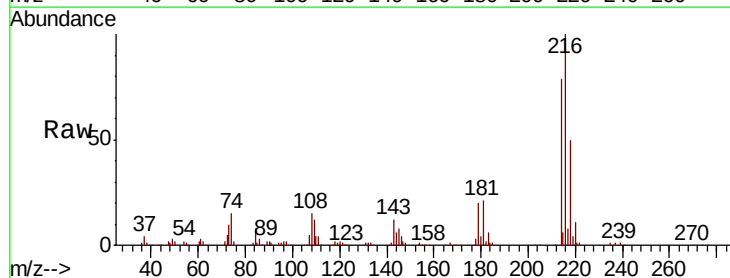
Ion Ratio Lower Upper

216 100

214 80.0 62.6 94.0

179 20.2 16.6 25.0

108 18.4 14.0 21.0



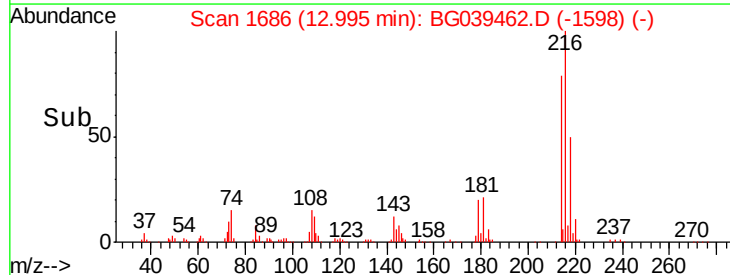
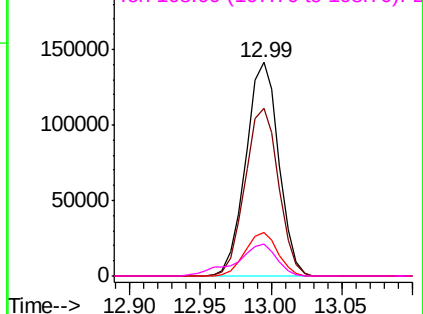
Abundance

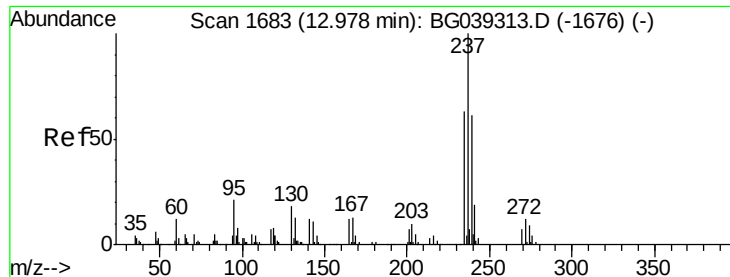
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 88.509 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

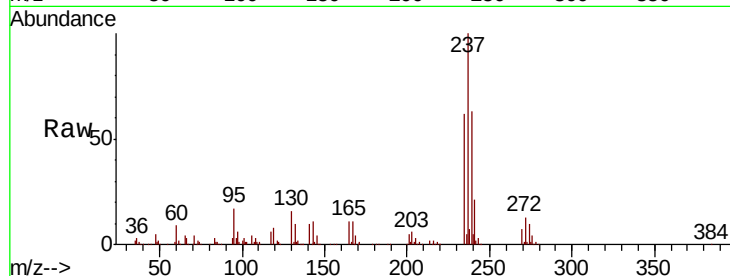
Tot Ion:237 Resp: 284060

Ion Ratio Lower Upper

237 100

235 61.7 43.3 83.3

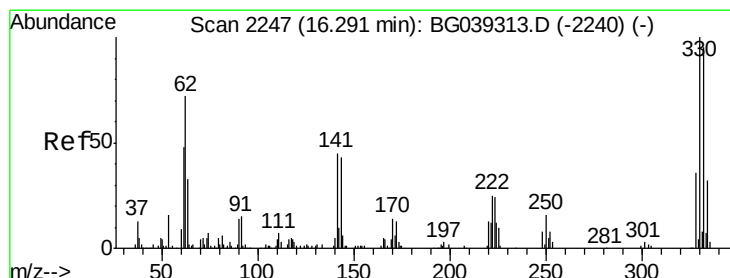
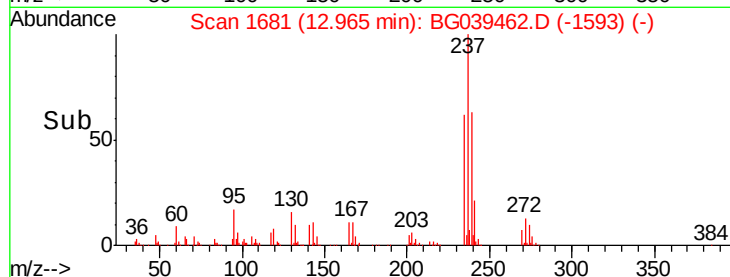
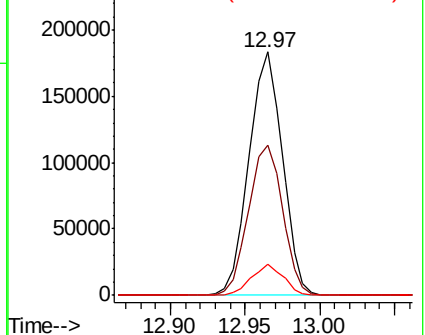
272 12.6 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 168.659 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

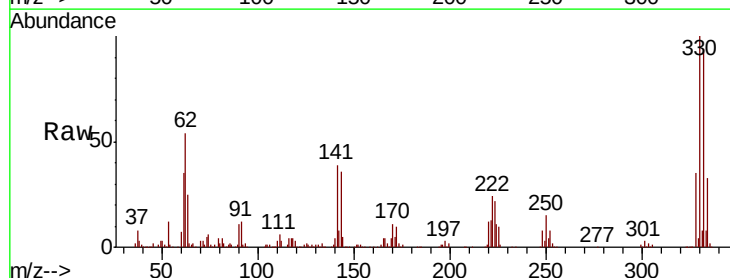
Tgt Ion:330 Resp: 336193

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

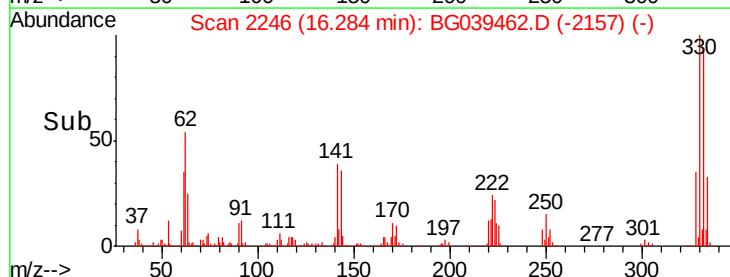
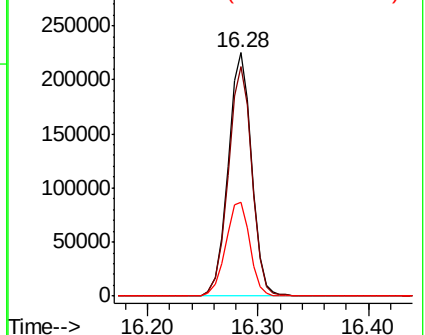
141 39.8 35.6 53.4

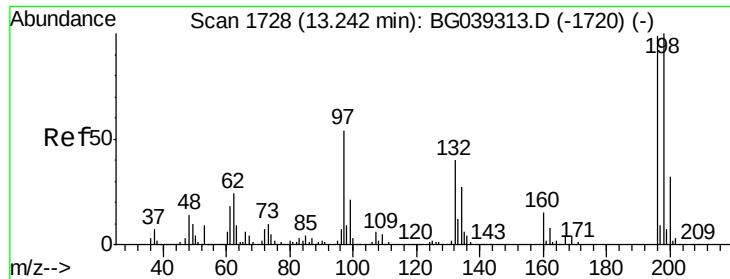


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

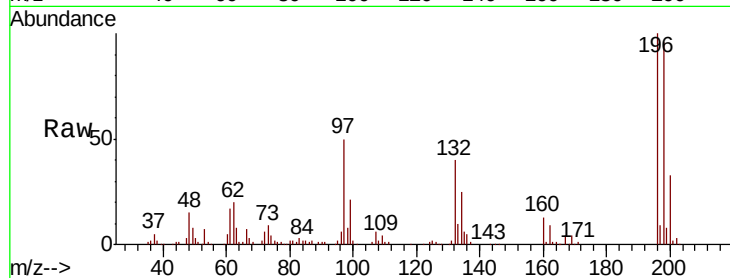




#43
 2,4,6-Trichlorophenol
 Concen: 47.129 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.1	80.6	121.0
200	32.9	26.1	39.1

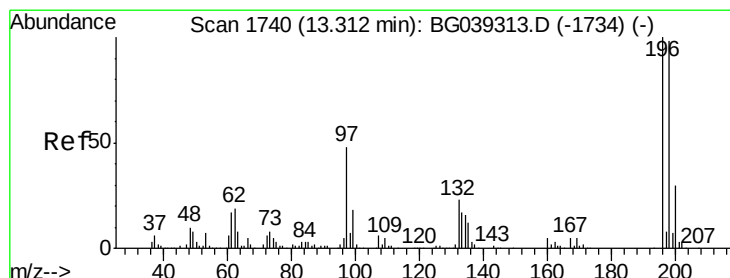
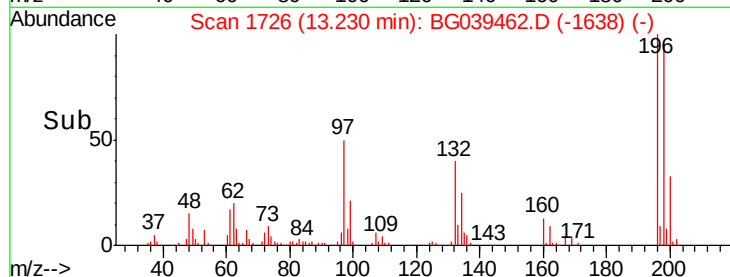
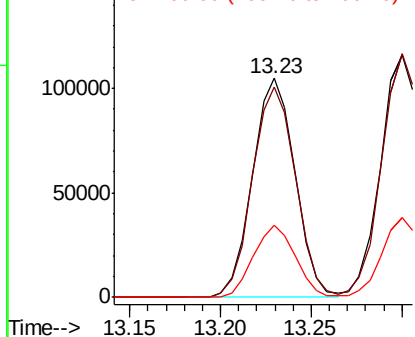


Abundance

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: 49.641 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	100.5	78.5	117.7
97	47.8	38.4	57.6
132	25.1	19.2	28.8

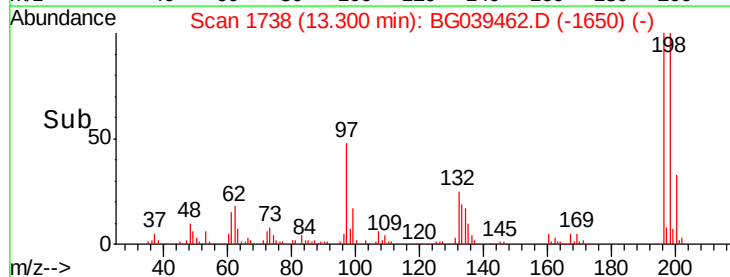
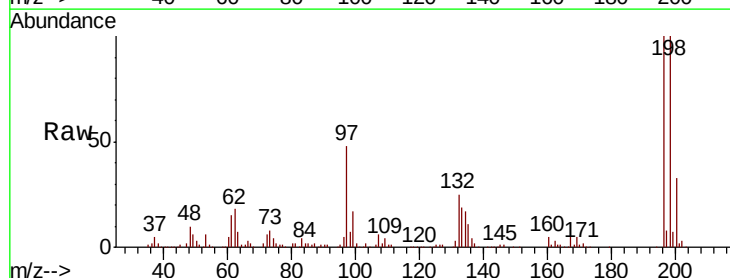
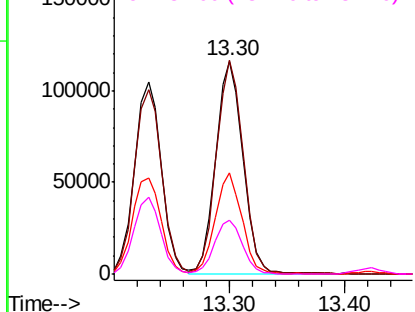
Abundance

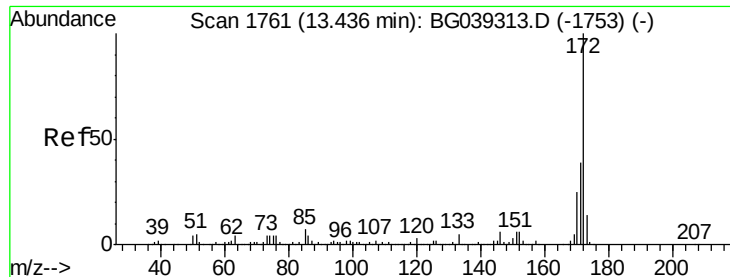
Ion 196.00 (195.70 to 196.70): E

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

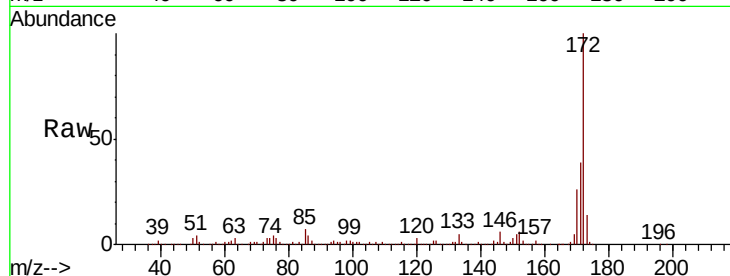




#45
2-Fluorobiphenyl
Concen: 74.607 ng
RT: 13.42 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.8	46.2
170	25.7	20.2	30.4

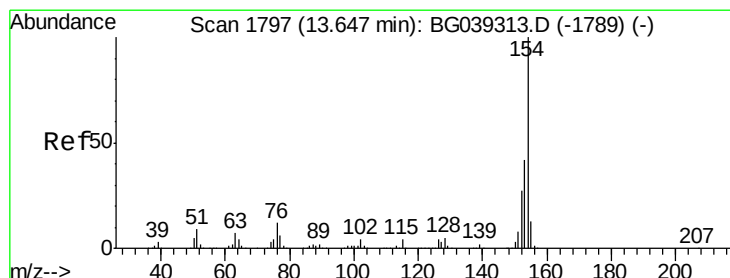
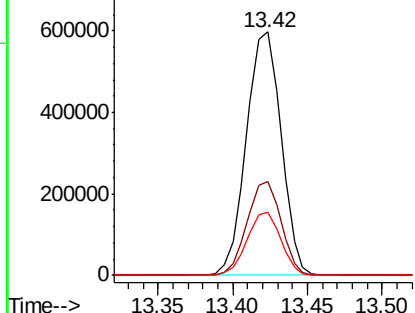
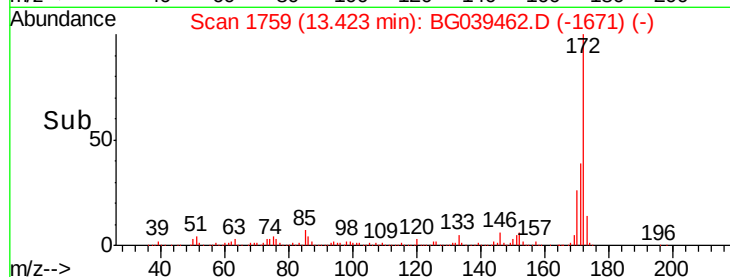


Abundance

Ion 172.00 (171.70 to 172.70): E

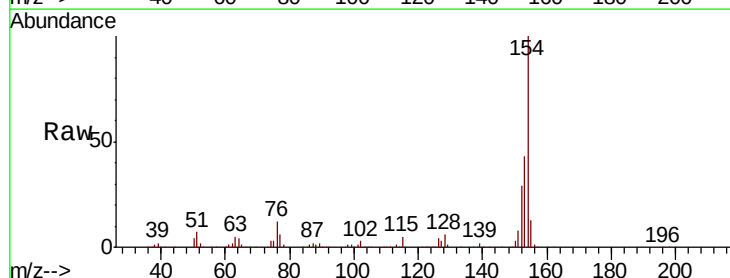
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 38.004 ng
RT: 13.63 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	22.1	62.1
76	11.7	0.0	32.4

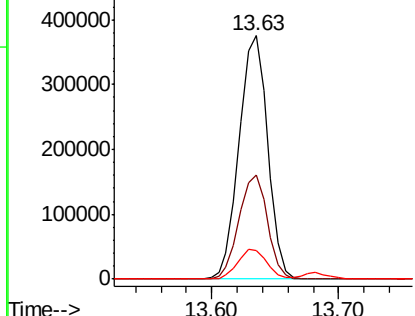
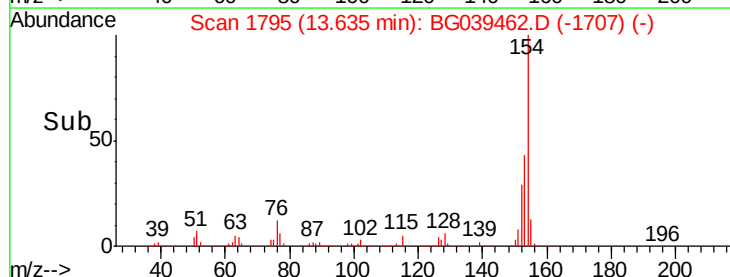


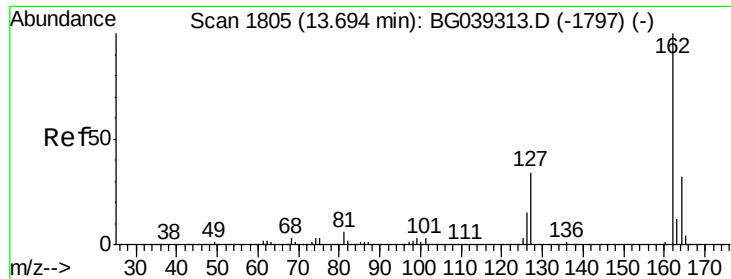
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

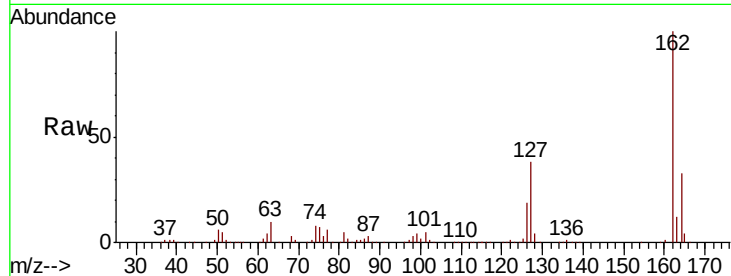




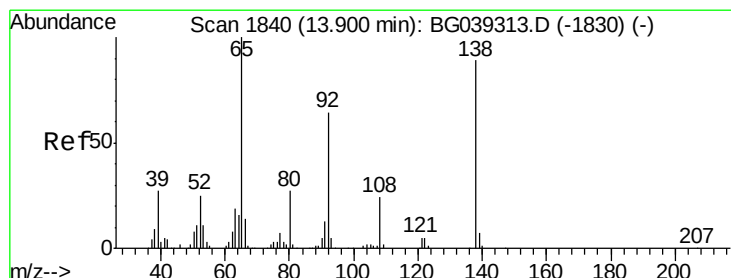
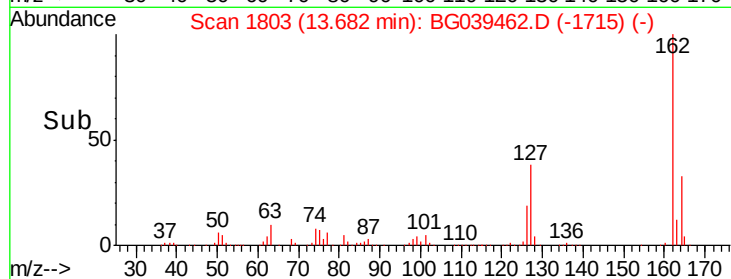
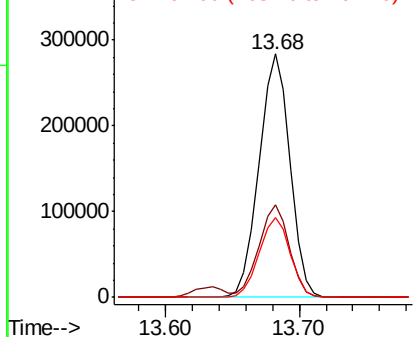
#47
 2-Chloronaphthalene
 Concen: 39.084 ng
 RT: 13.68 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 452843
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.0 46.6
 164 32.5 25.7 38.5

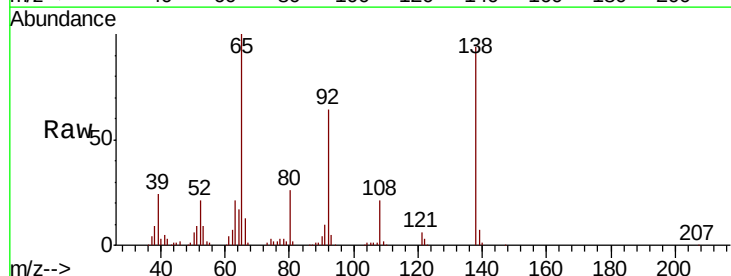


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

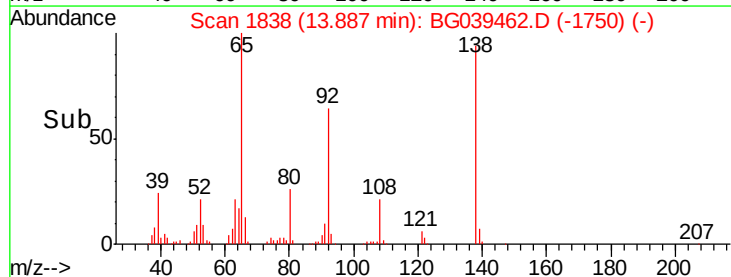
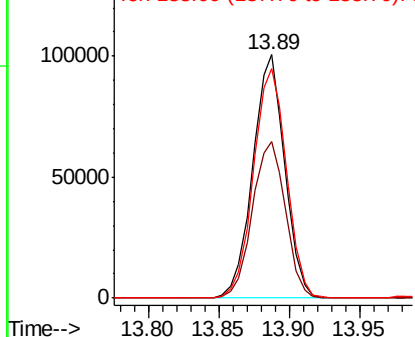


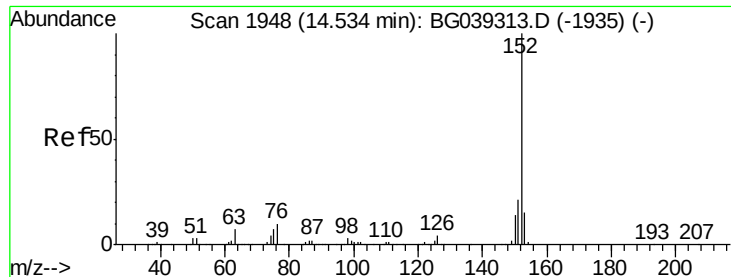
#48
 2-Nitroaniline
 Concen: 48.112 ng
 RT: 13.89 min Scan# 1838
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion: 65 Resp: 160210
 Ion Ratio Lower Upper
 65 100
 92 64.1 51.4 77.2
 138 94.3 71.4 107.2



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





#49

Acenaphthylene

Concen: 42.475 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

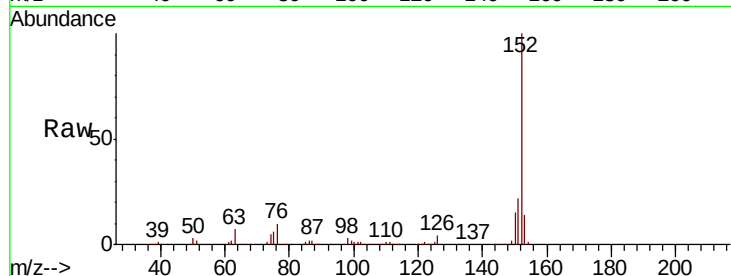
Tot Ion:152 Resp: 742578

Ion Ratio Lower Upper

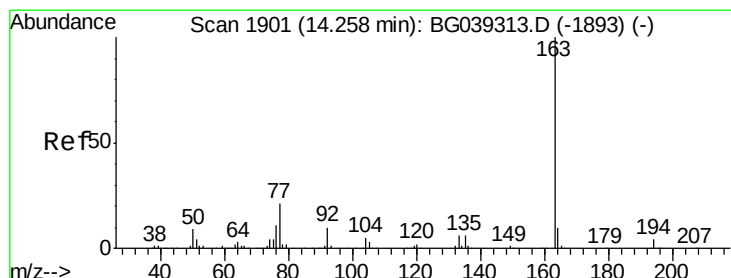
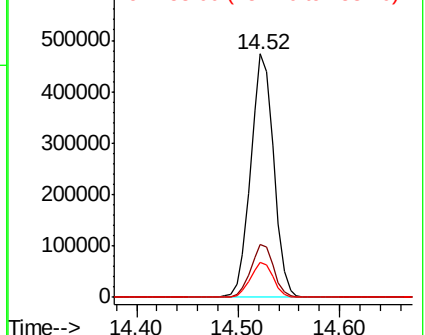
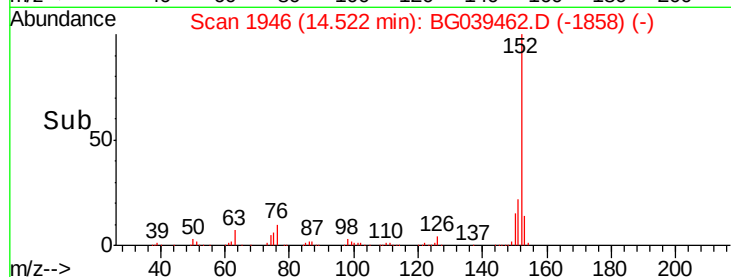
152 100

151 21.6 16.8 25.2

153 14.1 11.7 17.5



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



#50

Dimethylphthalate

Concen: 41.489 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

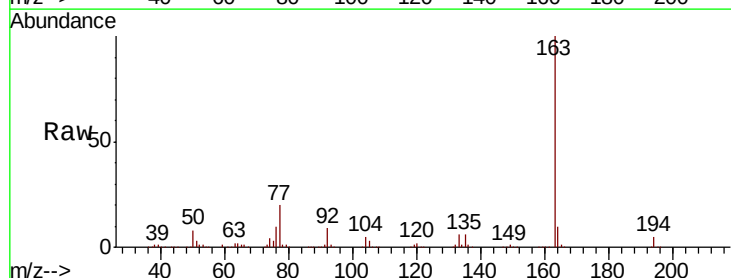
Tgt Ion:163 Resp: 620271

Ion Ratio Lower Upper

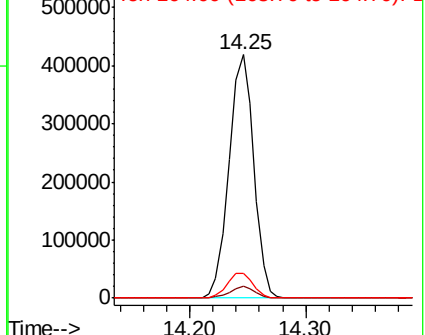
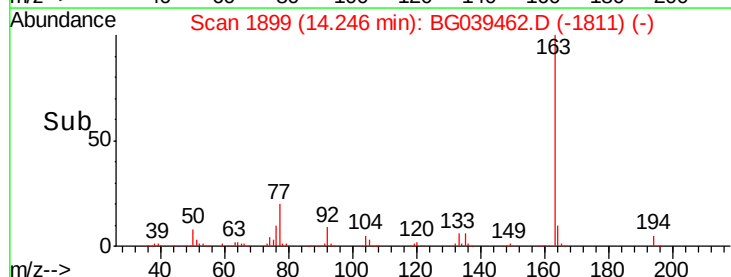
163 100

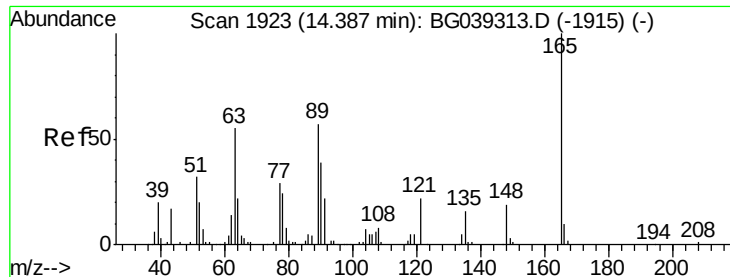
194 4.7 3.6 5.4

164 10.2 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

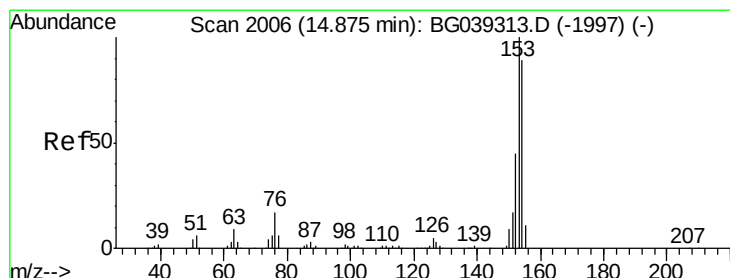
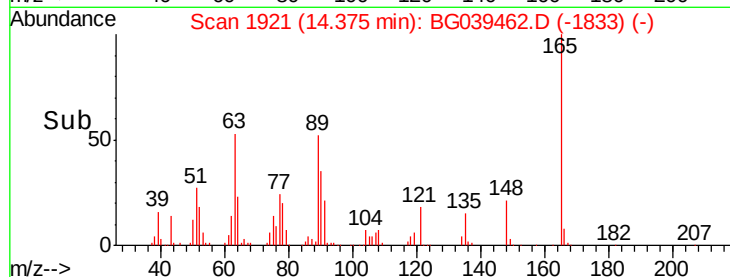
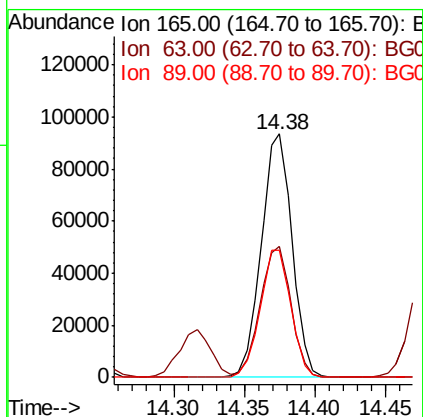
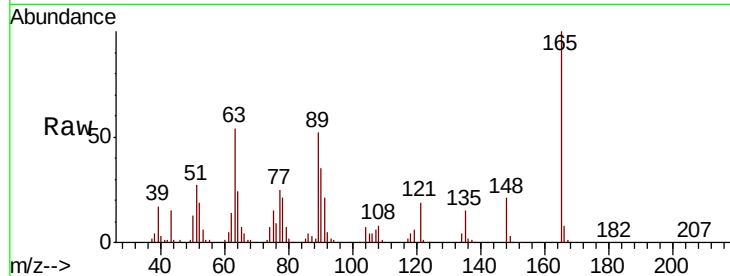




#51
2,6-Dinitrotoluene
Concen: 50.886 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

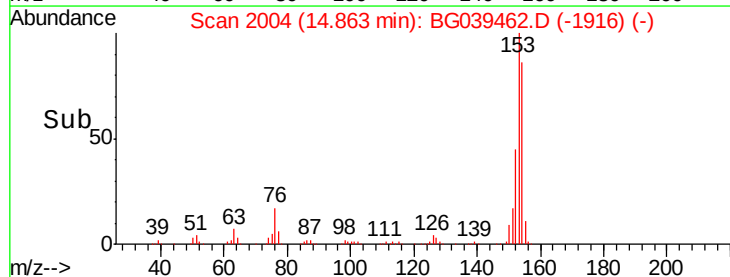
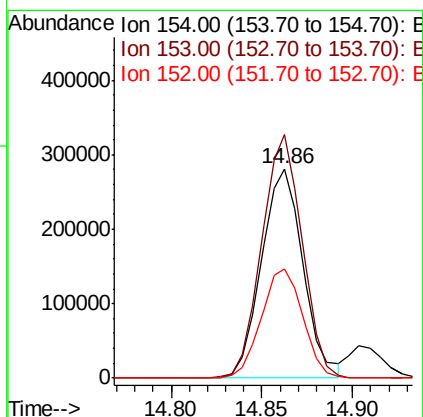
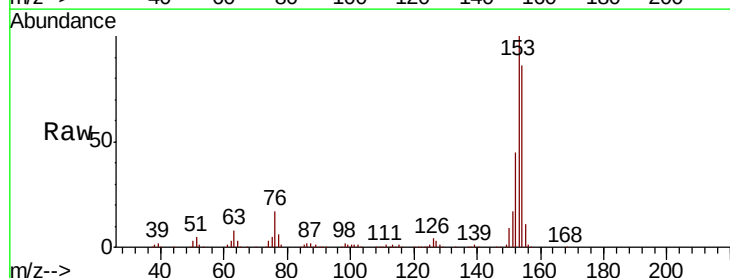
Instrument :
BNA_G
ClientSampleId :

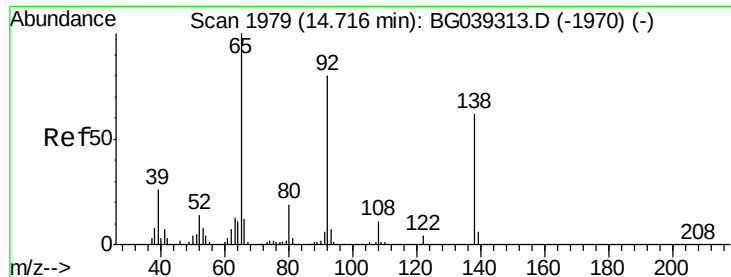
Tot Ion:165 Resp: 143458
Ion Ratio Lower Upper
165 100
63 53.6 47.0 70.6
89 52.2 45.8 68.8



#52
Acenaphthene
Concen: 39.621 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:154 Resp: 449643
Ion Ratio Lower Upper
154 100
153 116.4 90.1 135.1
152 52.1 40.9 61.3

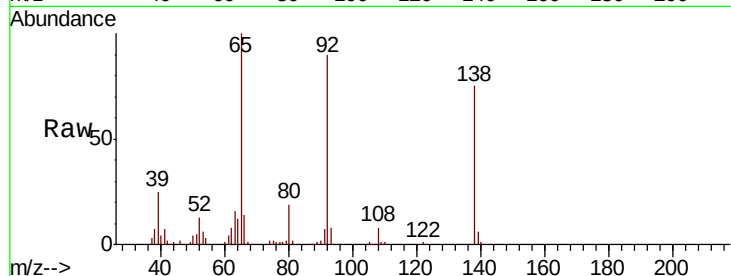




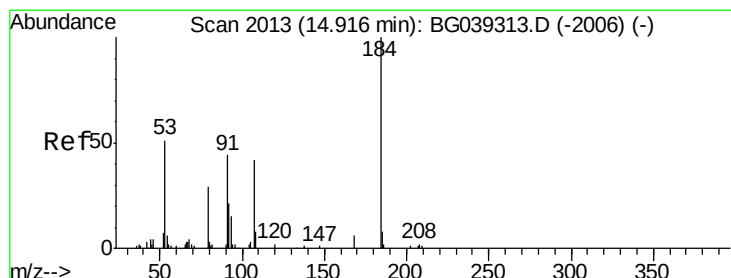
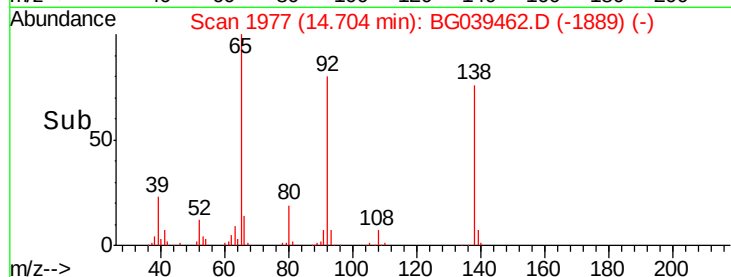
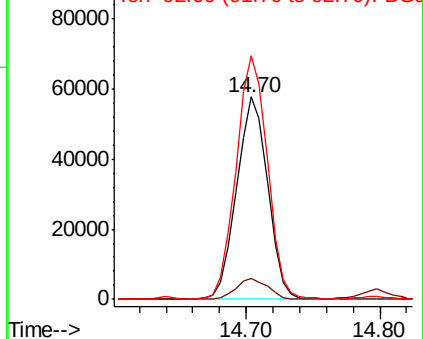
#53
3-Nitroaniline
Concen: 32.911 ng
RT: 14.70 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 92982
Ion Ratio Lower Upper
138 100
108 10.3 13.8 20.8#
92 120.2 103.7 155.5

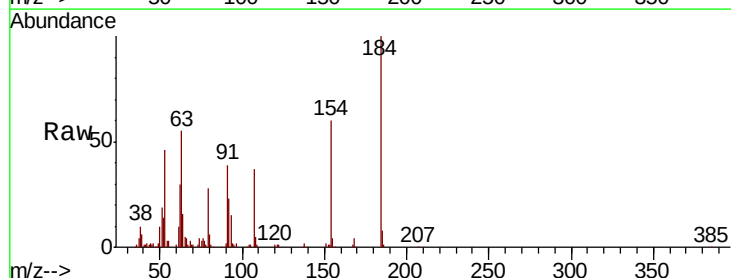


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

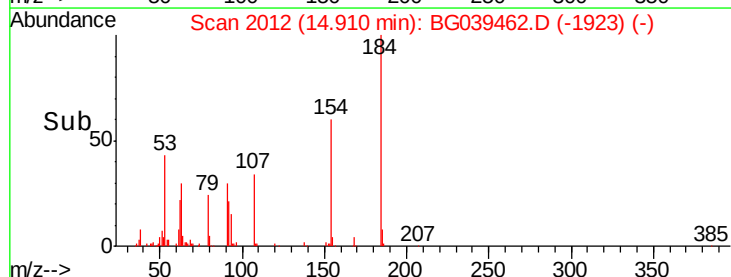
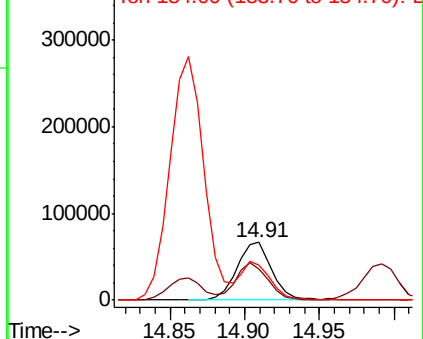


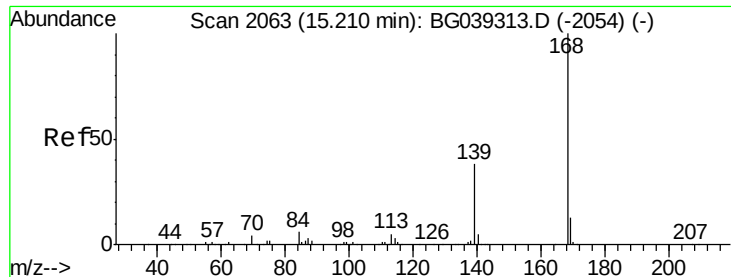
#54
2,4-Dinitrophenol
Concen: 84.849 ng
RT: 14.91 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:184 Resp: 107986
Ion Ratio Lower Upper
184 100
63 54.9 50.9 76.3
154 60.1 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: 40.590 ng

RT: 15.19 min Scan# 2060

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

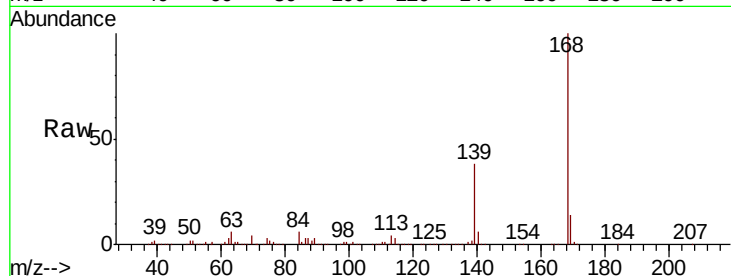
Tot Ion:168 Resp: 738545

Ion Ratio Lower Upper

168 100

139 38.3 30.1 45.1

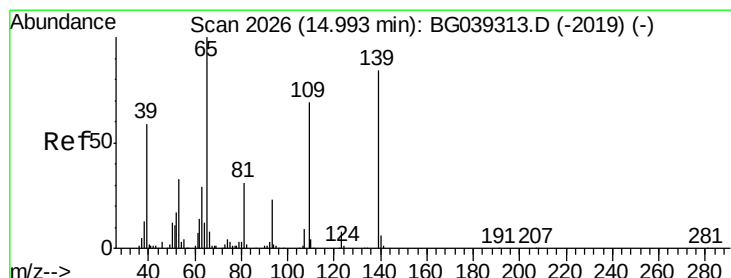
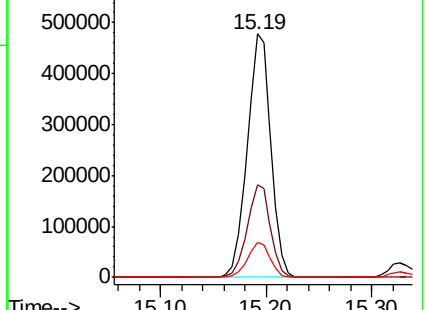
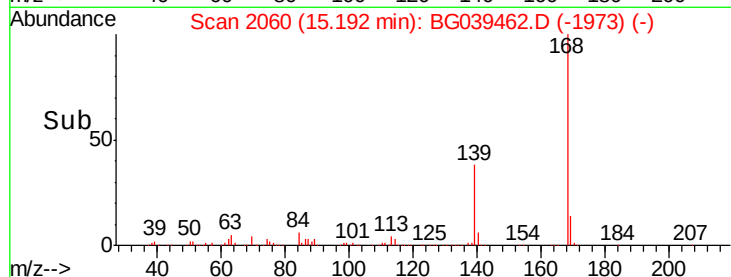
169 14.1 10.6 16.0



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: 81.505 ng

RT: 14.99 min Scan# 2026

Delta R.T. -0.00 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

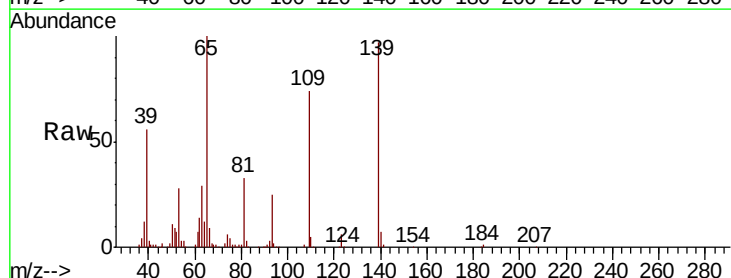
Tgt Ion:139 Resp: 220636

Ion Ratio Lower Upper

139 100

109 76.7 61.9 101.9

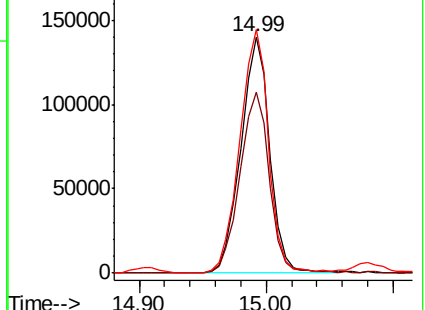
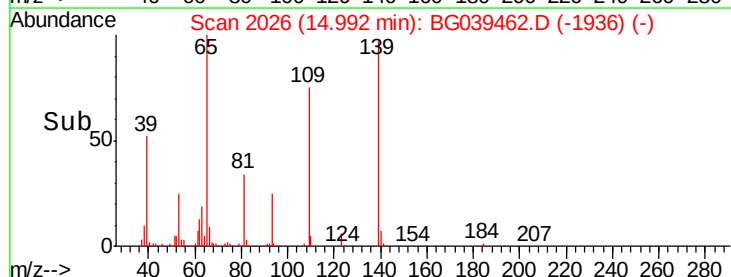
65 103.1 99.1 139.1

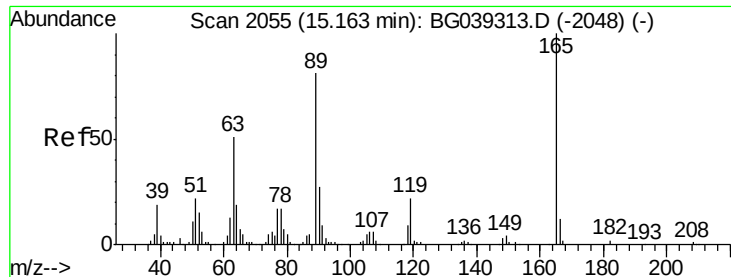


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





#57

2,4-Dinitrotoluene

Concen: 53.921 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039462.D

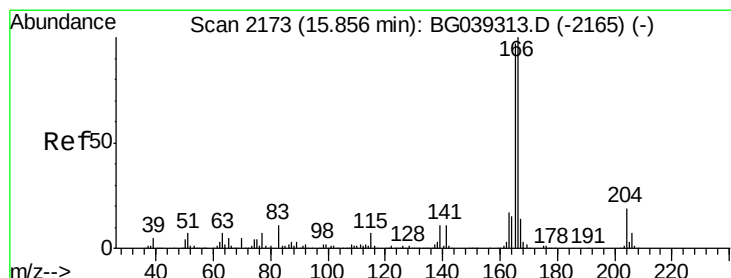
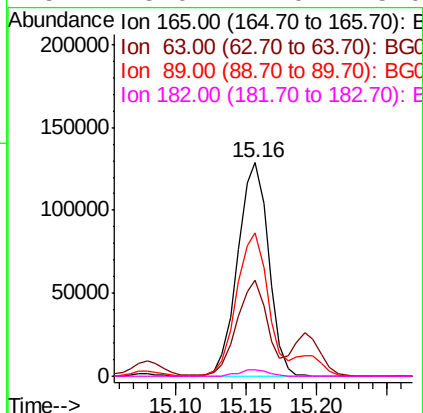
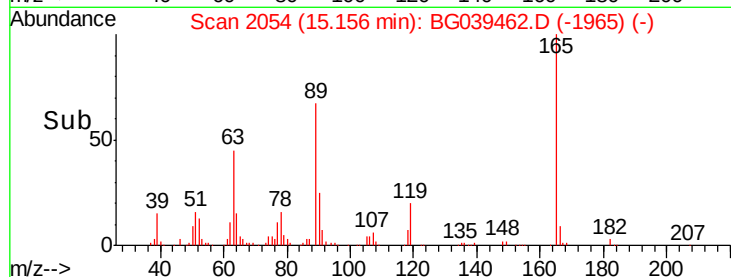
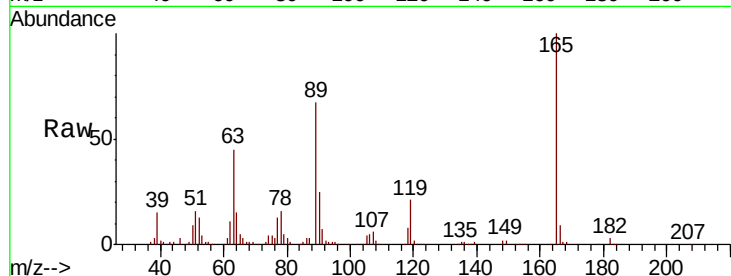
Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

Tot Ion:	165	Resp:	197117
Ion	Ratio	Lower	Upper
165	100		
63	45.1	41.0	61.6
89	67.0	64.6	96.8
182	3.0	2.0	3.0#



#58

Fluorene

Concen: 43.477 ng

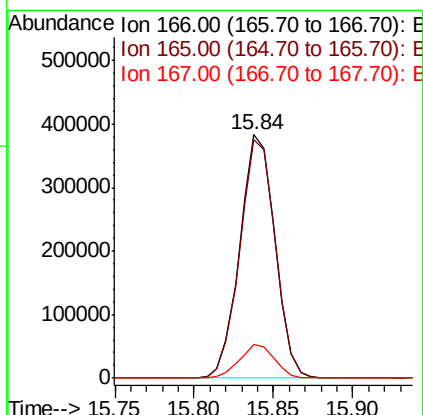
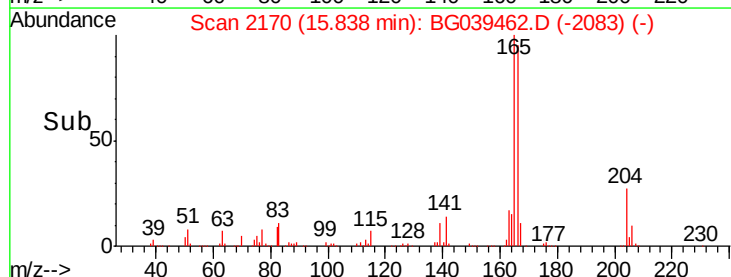
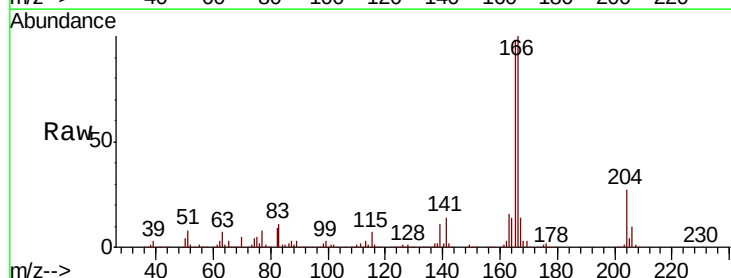
RT: 15.84 min Scan# 2170

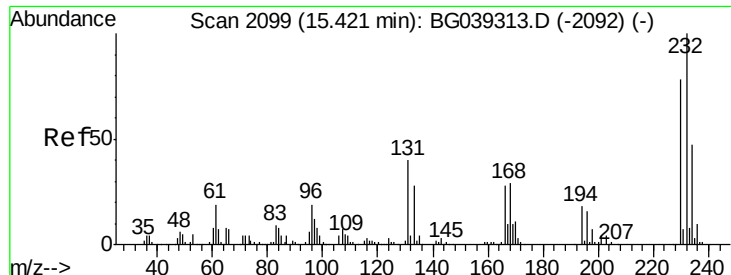
Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:	166	Resp:	589719
Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.6	10.8	16.2

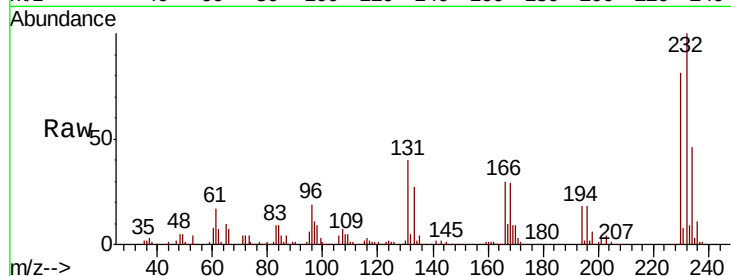




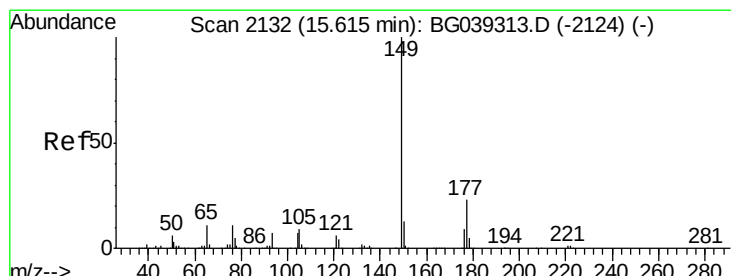
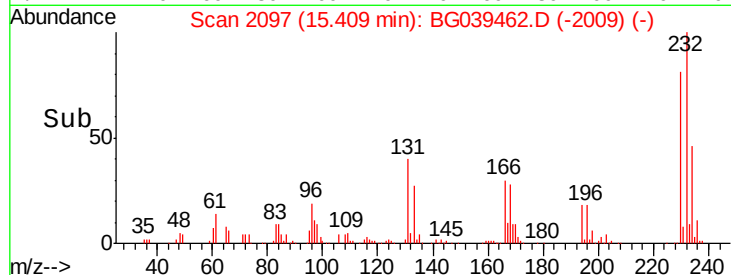
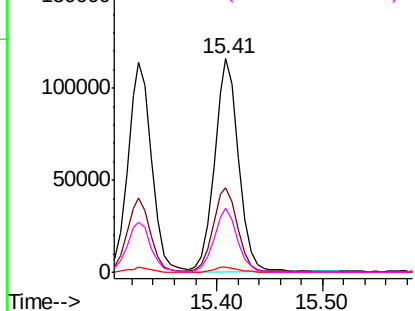
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 51.654 ng
 RT: 15.41 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:	232	Resp:	183563
Ion	Ratio	Lower	Upper
232	100		
131	39.9	34.9	52.3
130	2.4	2.0	3.0
166	28.6	24.1	36.1

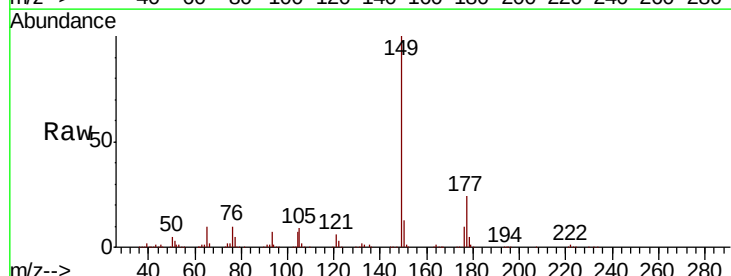


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

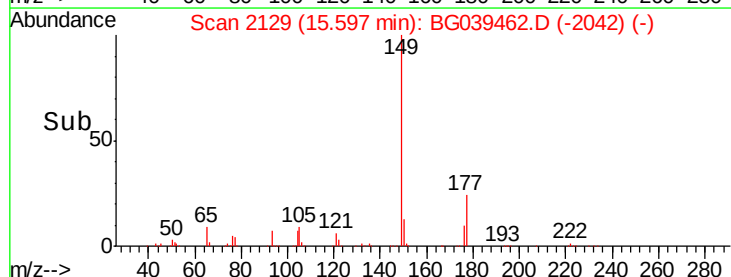
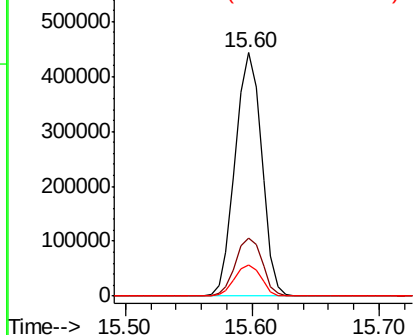


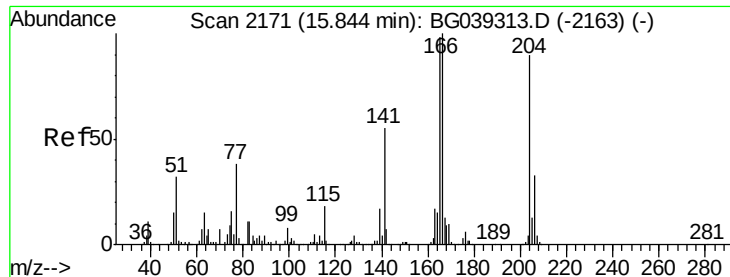
#60
 Diethylphthalate
 Concen: 41.406 ng
 RT: 15.60 min Scan# 2129
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion:	149	Resp:	640029
Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.3	27.5
150	13.0	10.2	15.2



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

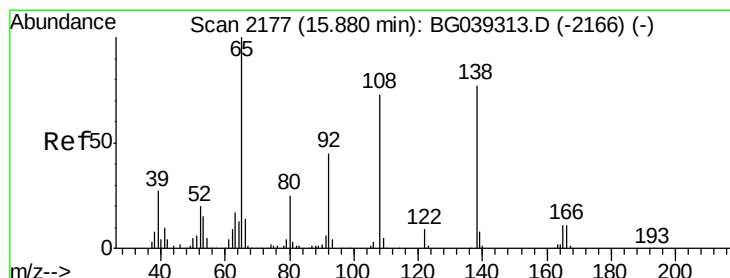
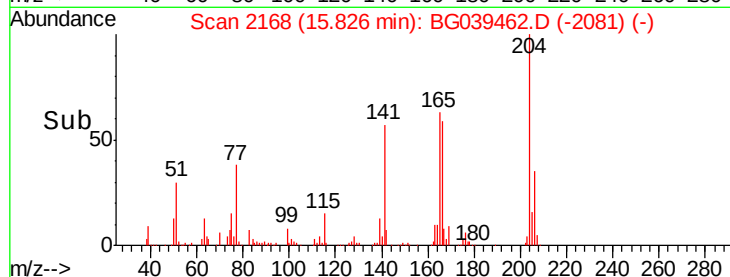
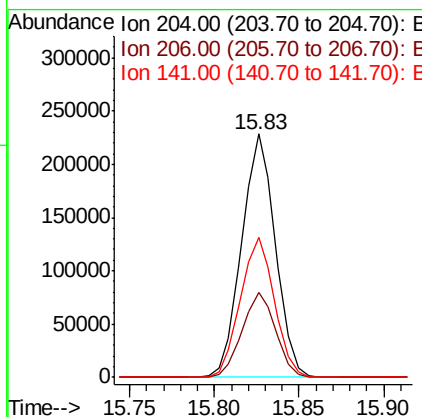
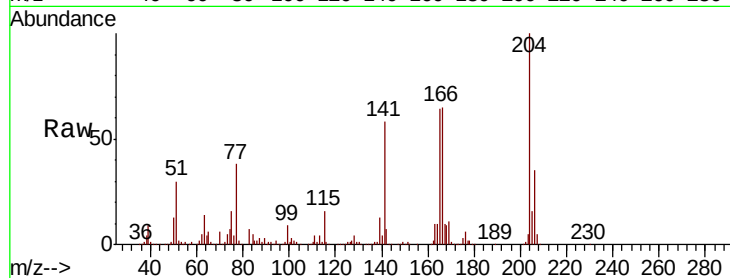




#61
 4-Chlorophenyl-phenylether
 Concen: 41.236 ng
 RT: 15.83 min Scan# 2168
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

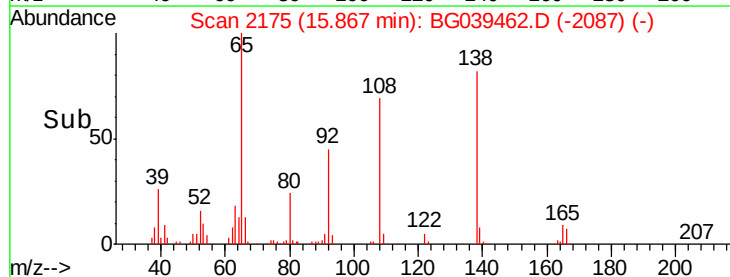
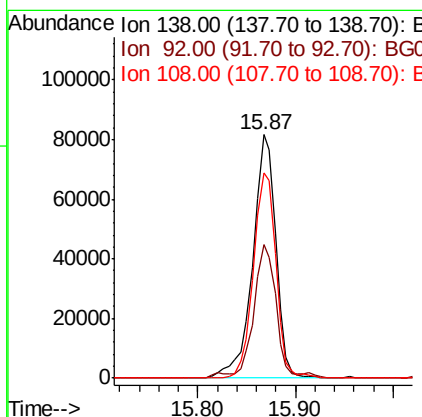
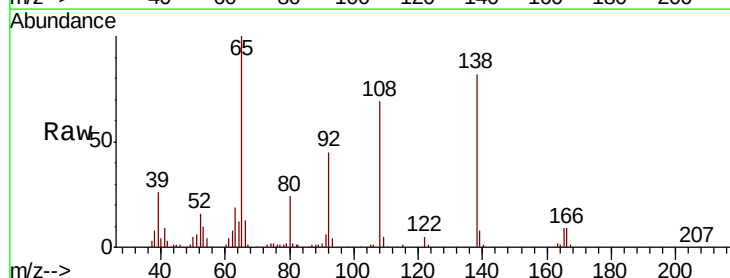
Instrument :
 BNA_G
 ClientSampleId :

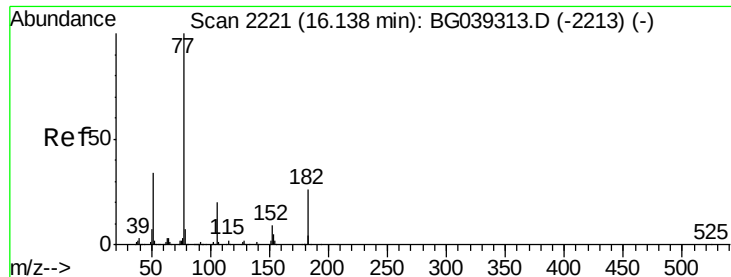
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	29.2	43.8
141	57.6	49.0	73.4



#62
 4-Nitroaniline
 Concen: 43.451 ng
 RT: 15.87 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.7	38.7	78.7
108	84.3	74.6	114.6

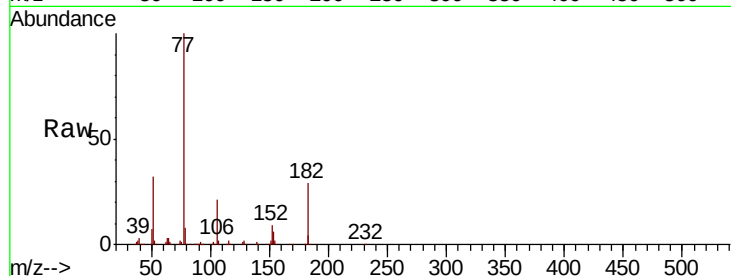




#63
Azobenzene
Concen: 37.397 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.1	6.4	46.4
105	21.1	0.0	39.8
51	32.2	14.1	54.1



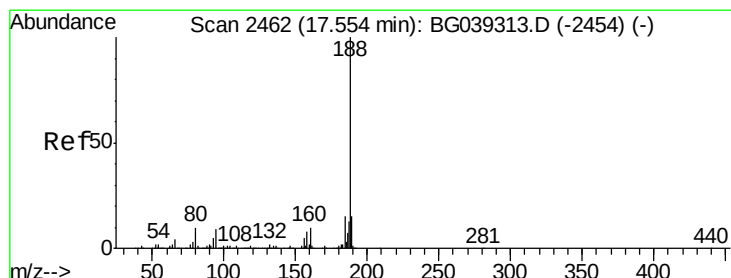
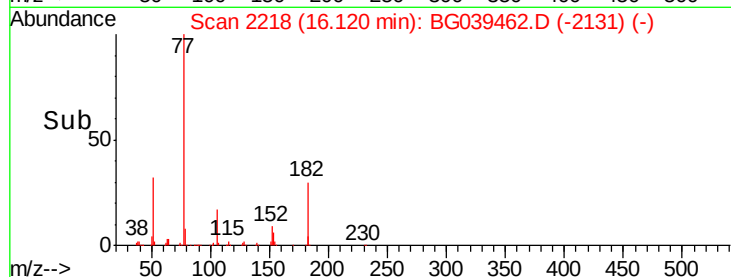
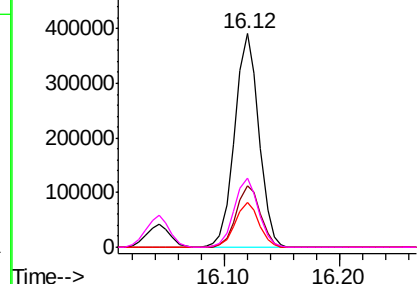
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

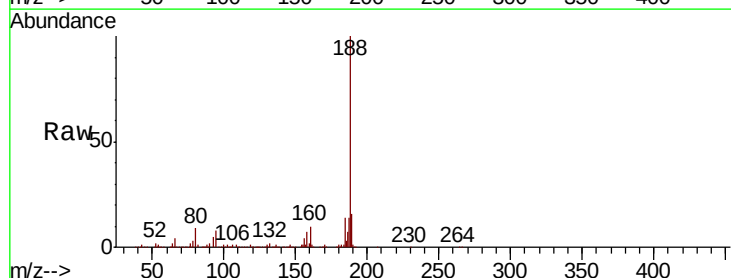
Ion 105.00 (104.70 to 105.70): BGC

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: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.9	10.3
80	8.7	8.1	12.1

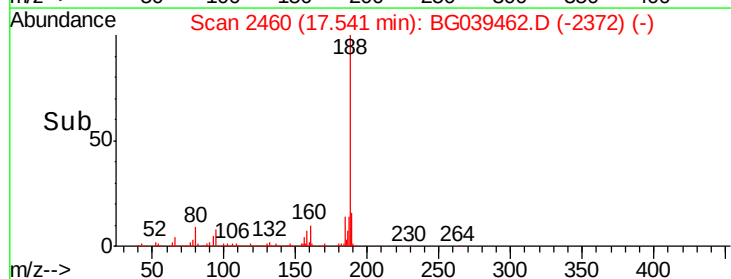
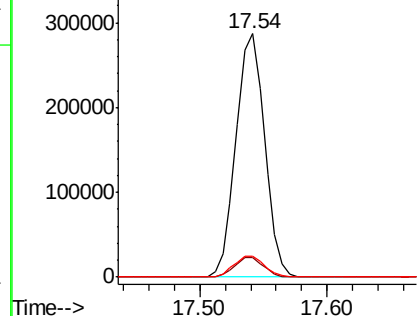


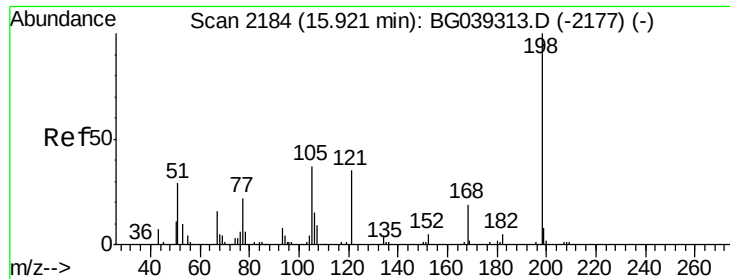
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.190 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

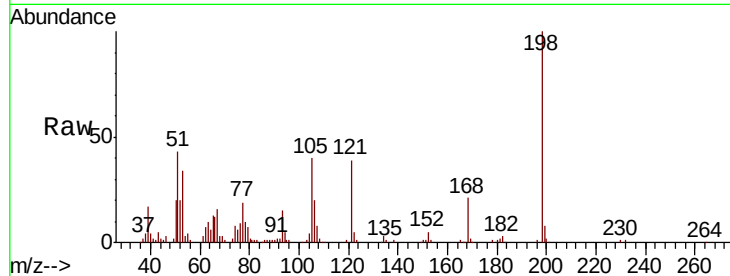
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 95467

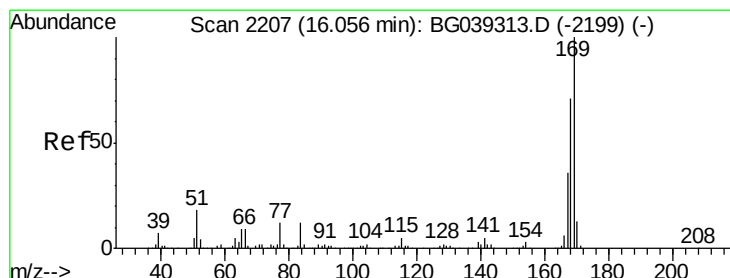
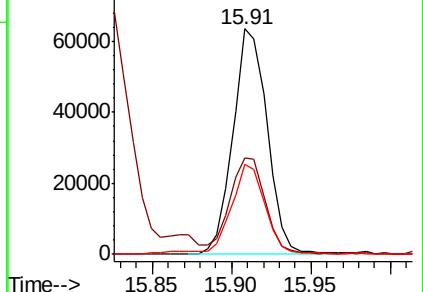
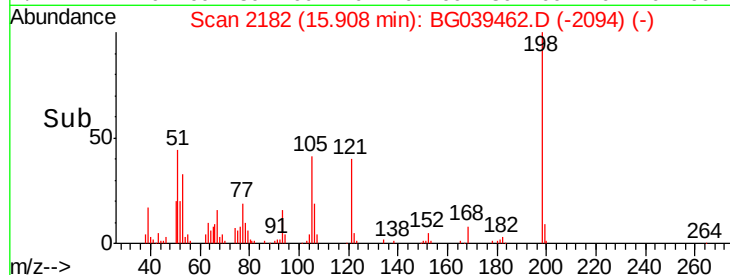
Ion	Ratio	Lower	Upper
198	100		
51	42.9	27.4	67.4
105	40.2	19.7	59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039462.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.100 ng

RT: 16.04 min Scan# 2205

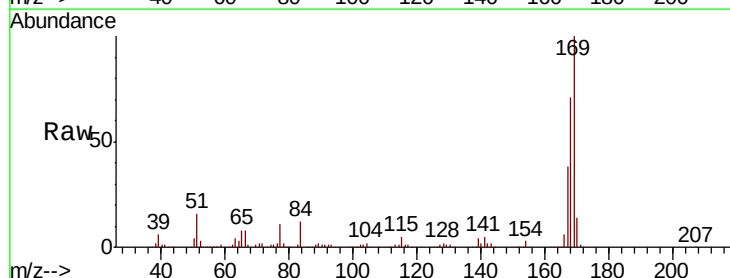
Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:169 Resp: 546842

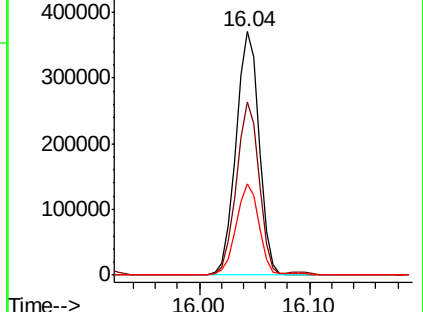
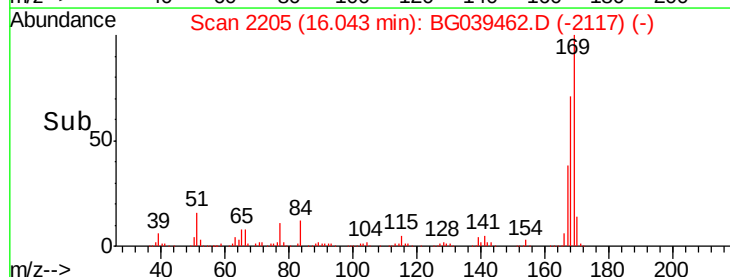
Ion	Ratio	Lower	Upper
169	100		
168	71.1	56.6	85.0
167	37.6	28.8	43.2

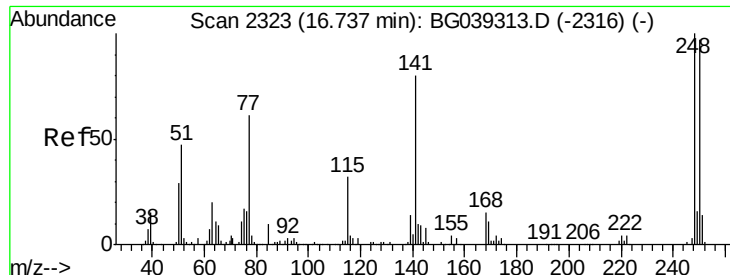


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

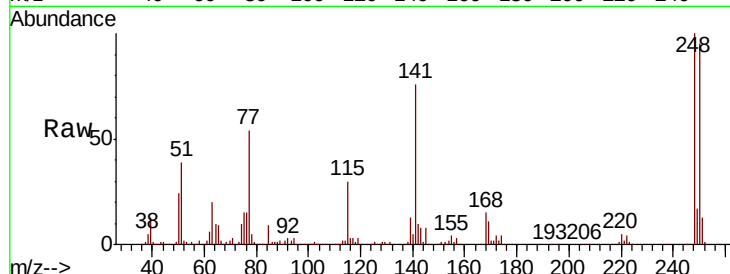




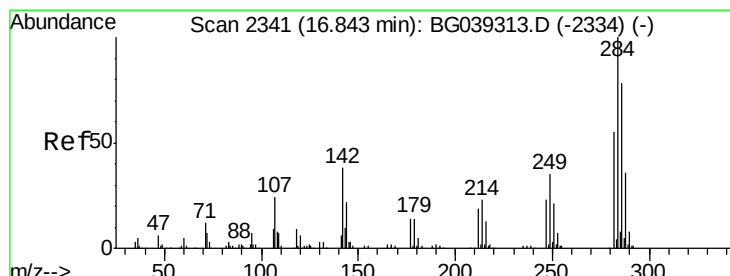
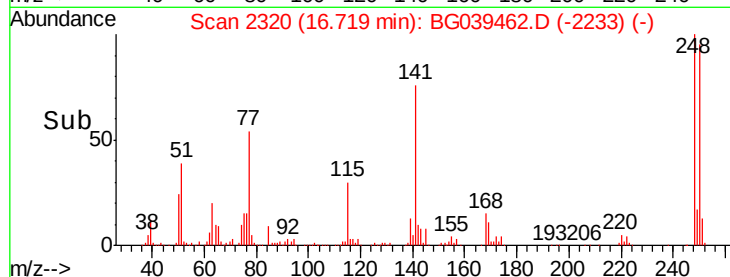
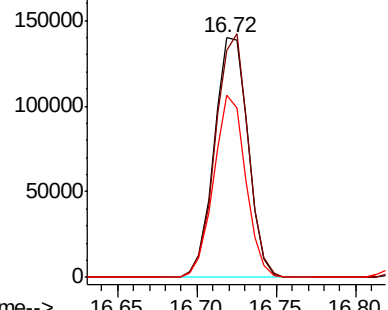
#67
4-Bromophenyl-phenylether
Concen: 41.550 ng
RT: 16.72 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 206730
Ion Ratio Lower Upper
248 100
250 95.1 77.6 116.4
141 76.0 63.9 95.9

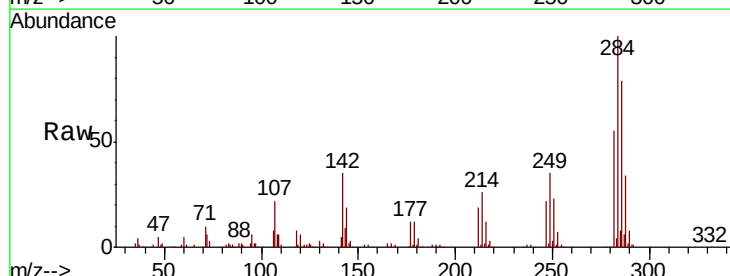


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

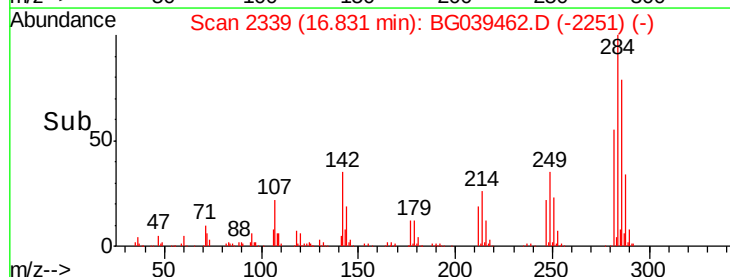
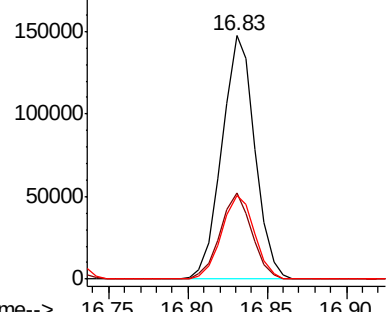


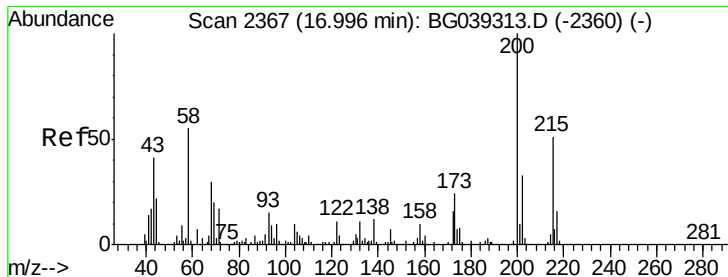
#68
Hexachlorobenzene
Concen: 42.669 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:284 Resp: 212998
Ion Ratio Lower Upper
284 100
142 35.5 30.6 45.8
249 34.5 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: 42.935 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

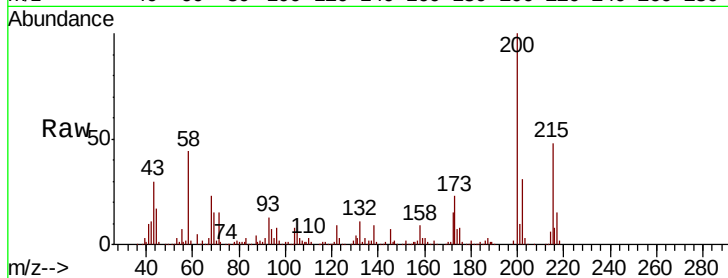
Tot Ion:200 Resp: 213967

Ion Ratio Lower Upper

200 100

173 22.8 3.9 43.9

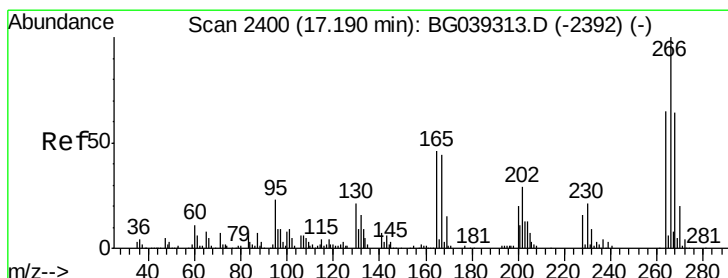
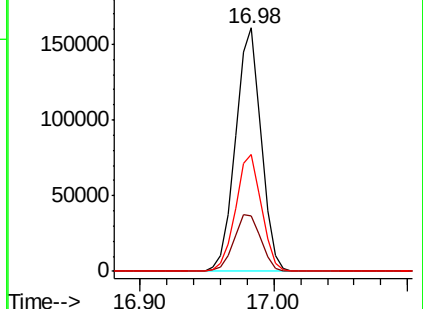
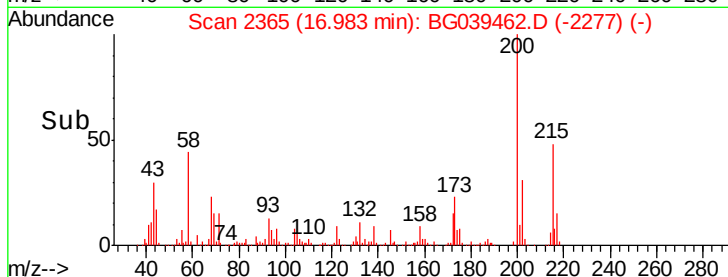
215 47.8 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 69.009 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

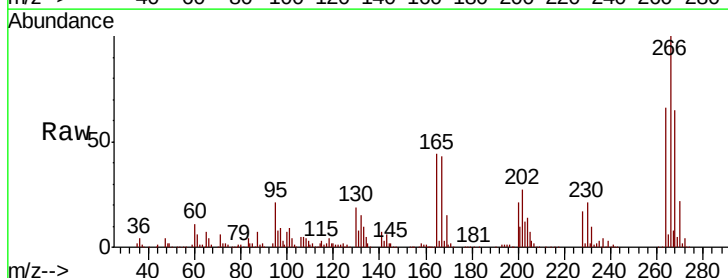
Tgt Ion:266 Resp: 239424

Ion Ratio Lower Upper

266 100

268 64.6 51.1 76.7

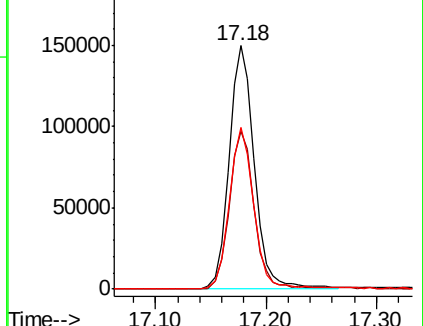
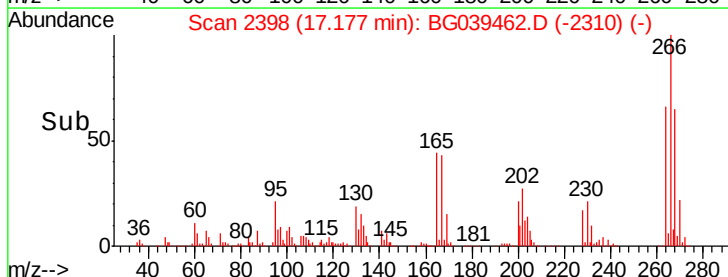
264 66.2 52.1 78.1

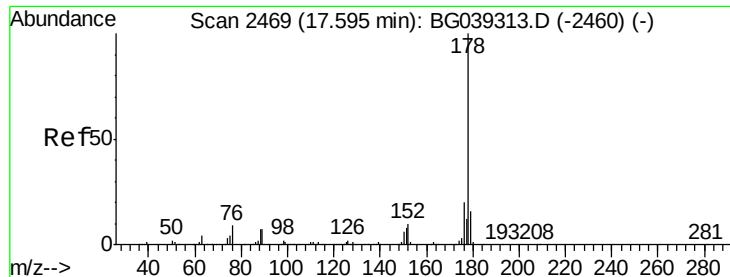


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

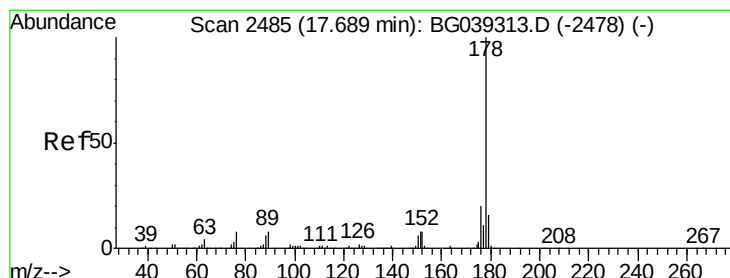
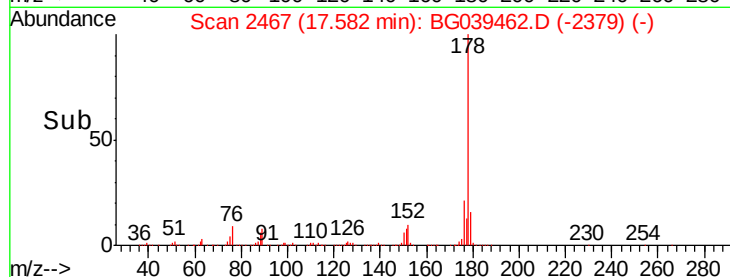
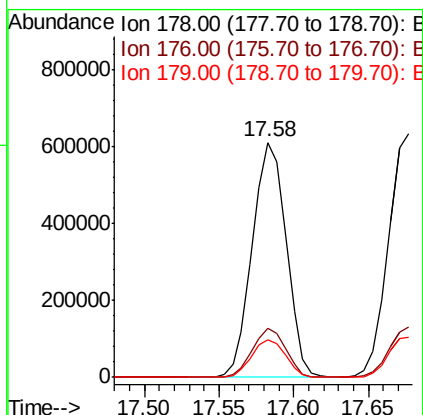
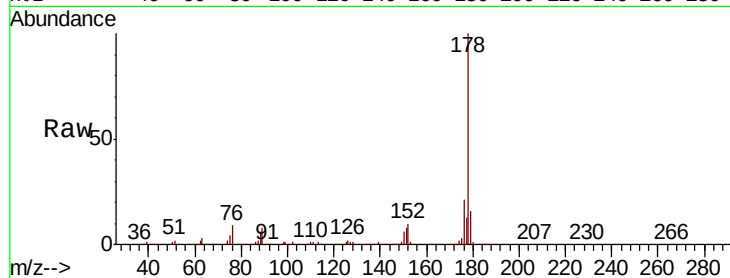




#71
Phenanthrene
Concen: 41.388 ng
RT: 17.58 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

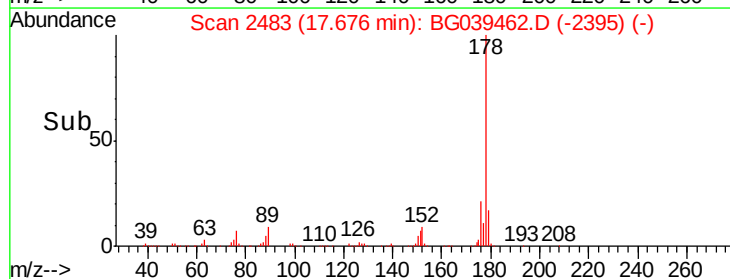
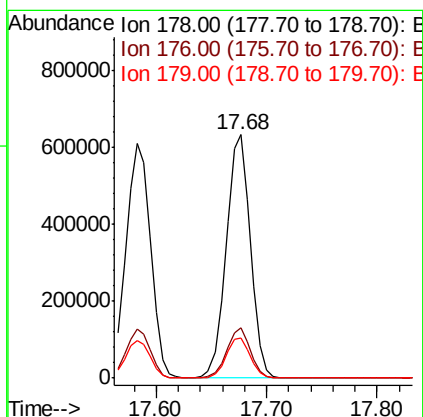
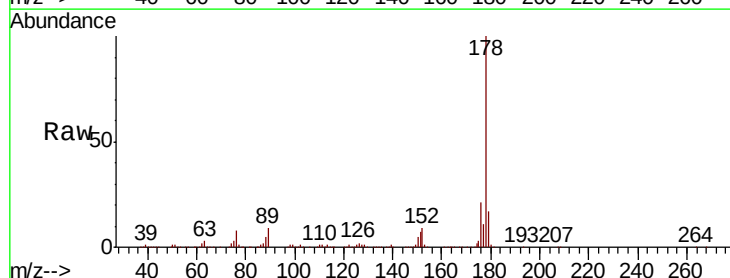
Instrument :
BNA_G
ClientSampleId :

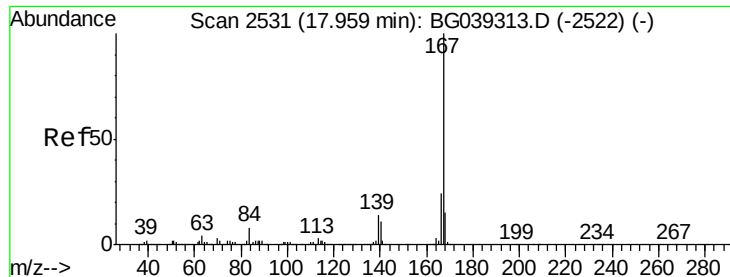
Tot Ion:178 Resp: 960715
Ion Ratio Lower Upper
178 100
176 21.0 16.2 24.4
179 16.0 12.6 19.0



#72
Anthracene
Concen: 42.314 ng
RT: 17.68 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:178 Resp: 967486
Ion Ratio Lower Upper
178 100
176 20.5 15.8 23.6
179 16.6 12.5 18.7

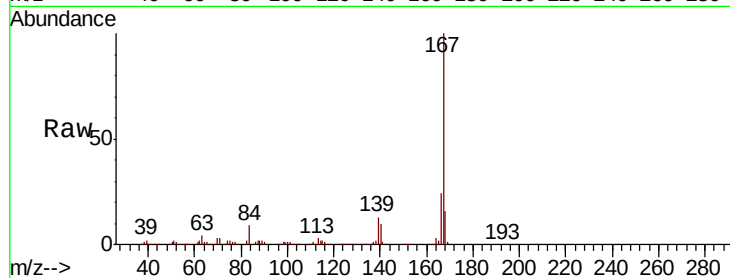




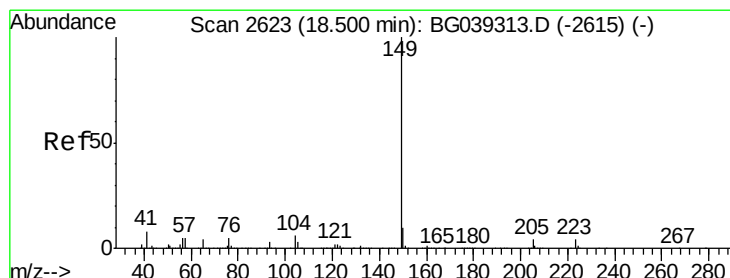
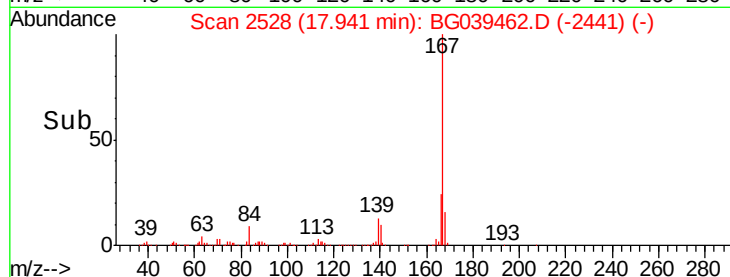
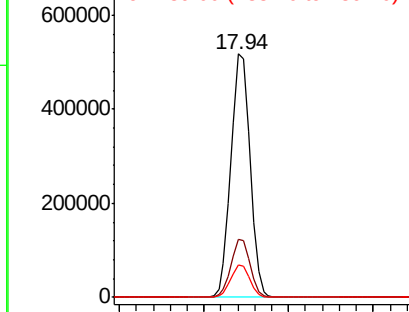
#73
 Carbazole
 Concen: 35.247 ng
 RT: 17.94 min Scan# 2528
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.6	19.4	29.2
139	13.2	10.8	16.2

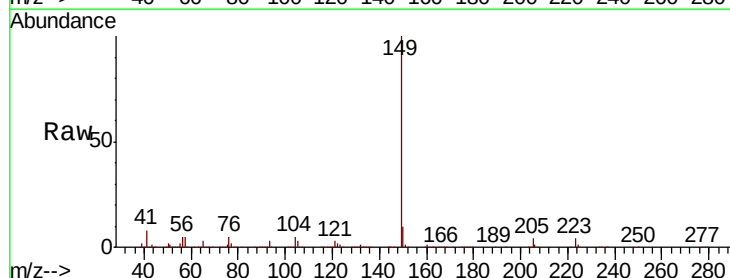


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

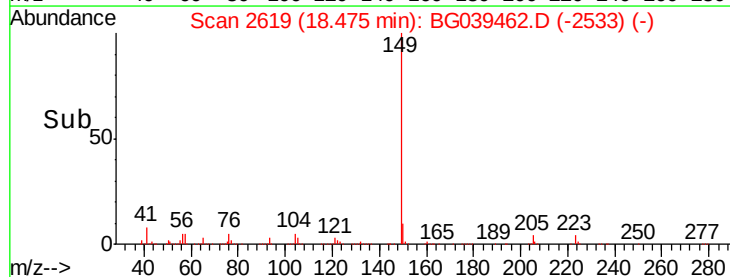
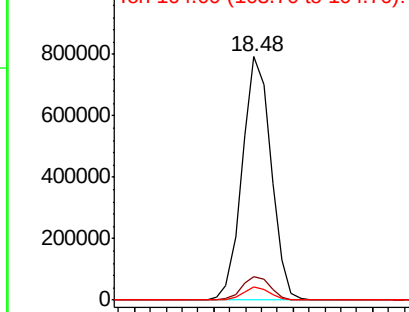


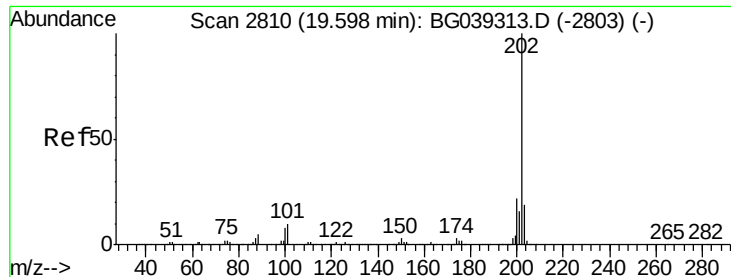
#74
 Di-n-butylphthalate
 Concen: 37.502 ng
 RT: 18.48 min Scan# 2619
 Delta R.T. -0.02 min
 Lab File: BG039462.D
 Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.4	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: 37.872 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

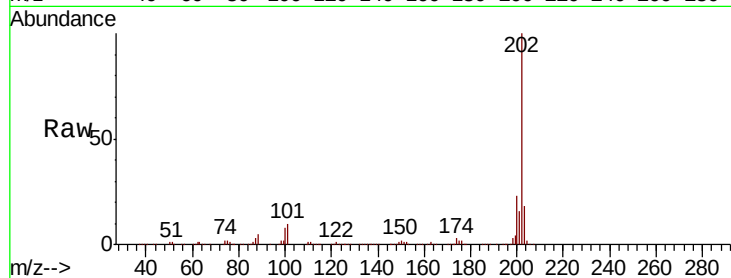
Tot Ion:202 Resp: 1020350

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

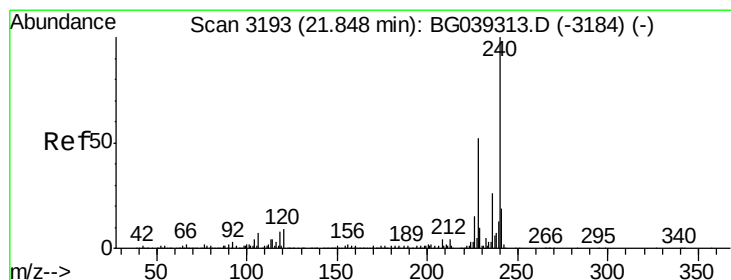
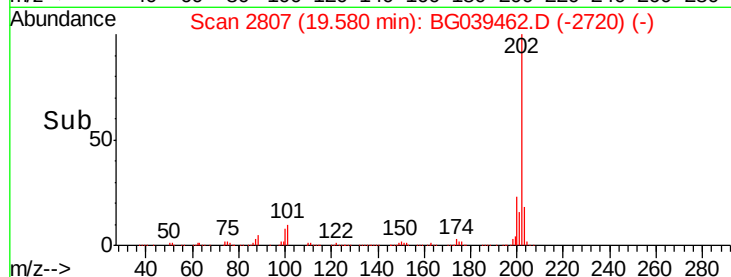
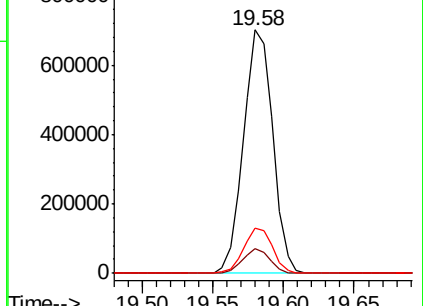
203 18.4 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

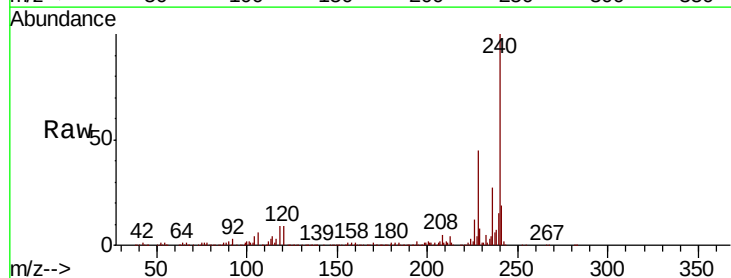
Tgt Ion:240 Resp: 361629

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

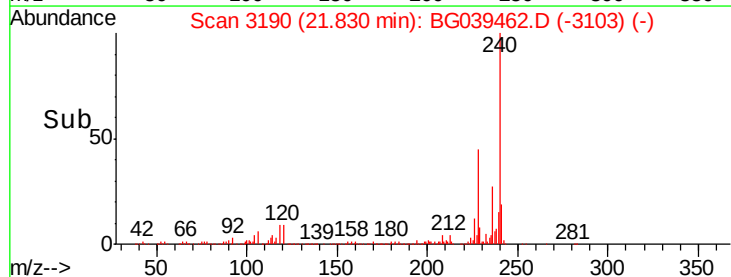
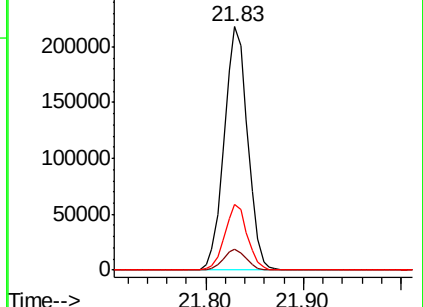
236 26.8 21.0 31.4

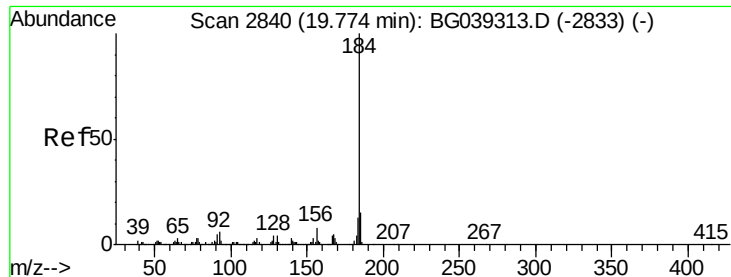


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 30.503 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

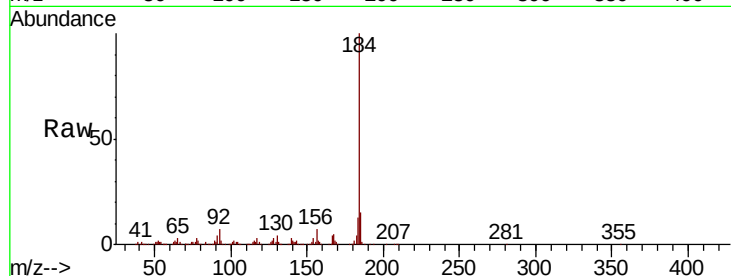
Tot Ion:184 Resp: 361654

Ion Ratio Lower Upper

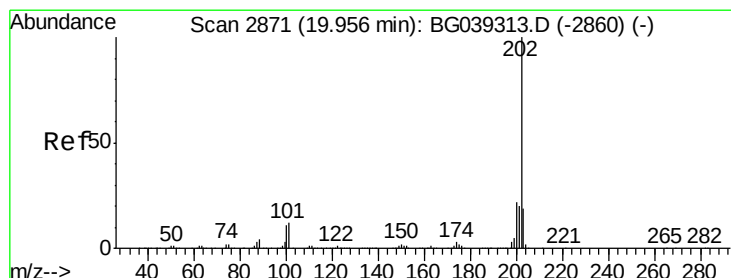
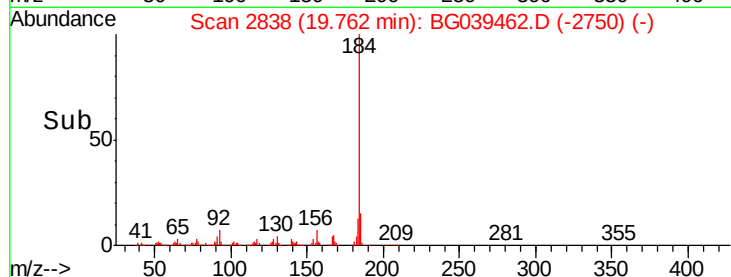
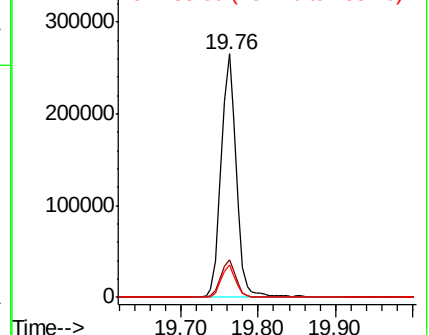
184 100

185 15.3 12.2 18.2

183 13.2 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: 44.694 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

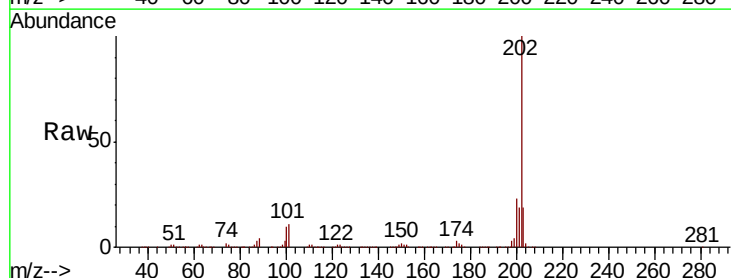
Tgt Ion:202 Resp: 1006167

Ion Ratio Lower Upper

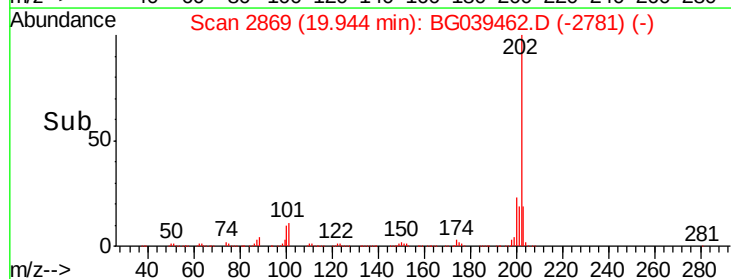
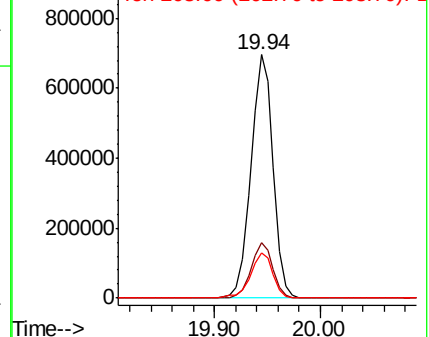
202 100

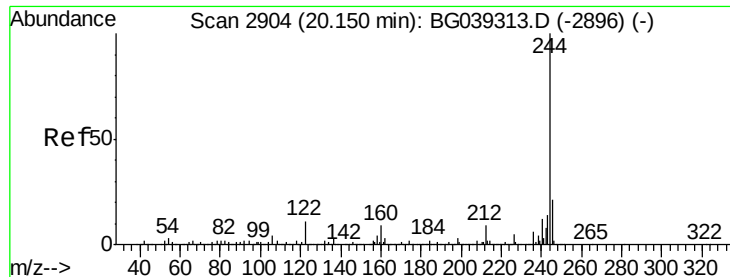
200 23.0 17.8 26.8

203 18.7 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: 84.199 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

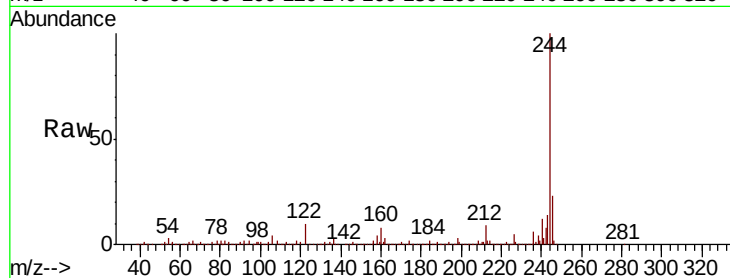
Tot Ion:244 Resp: 1438509

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

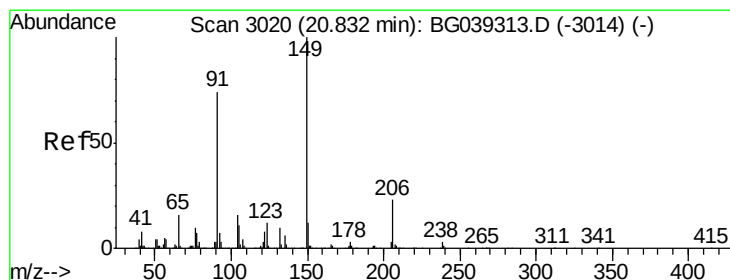
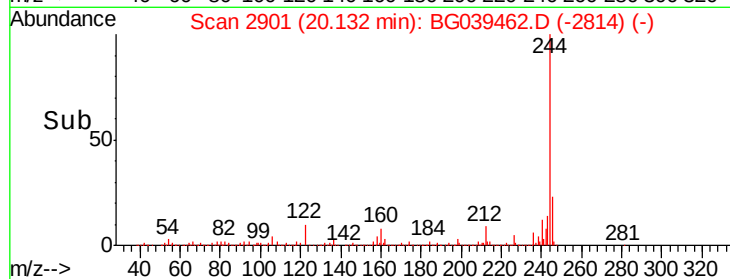
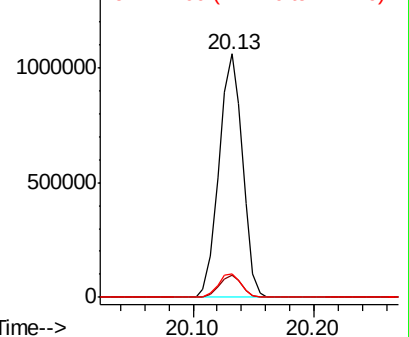
122 9.8 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.519 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

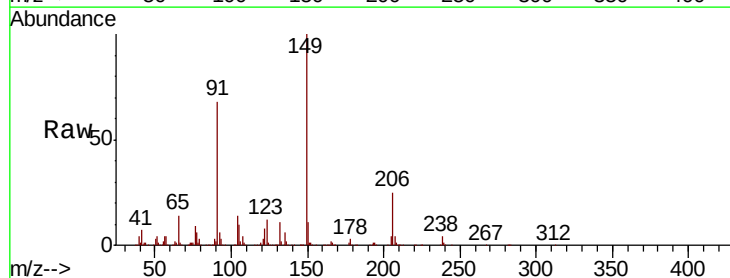
Tgt Ion:149 Resp: 384793

Ion Ratio Lower Upper

149 100

91 68.4 59.5 89.3

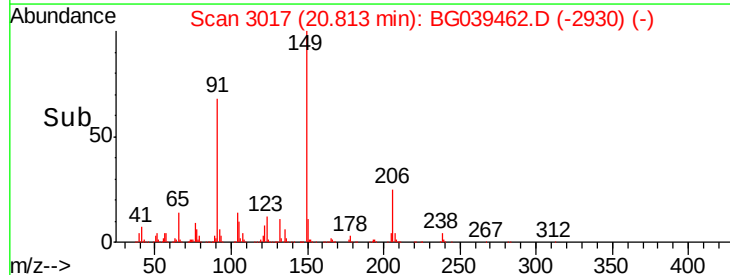
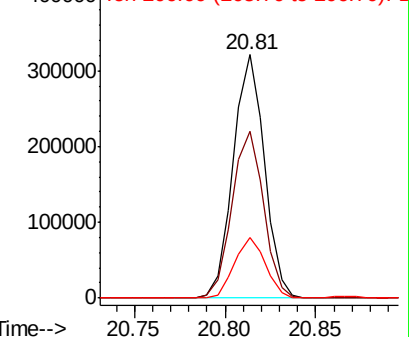
206 24.8 18.6 27.8

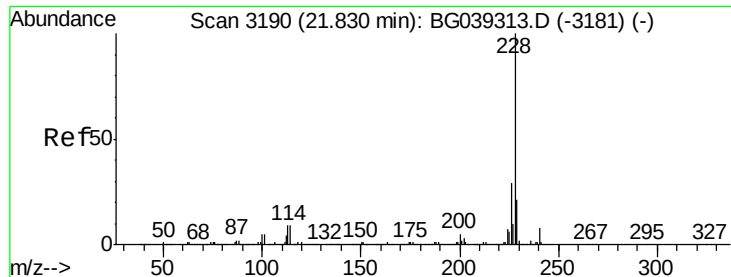


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.618 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

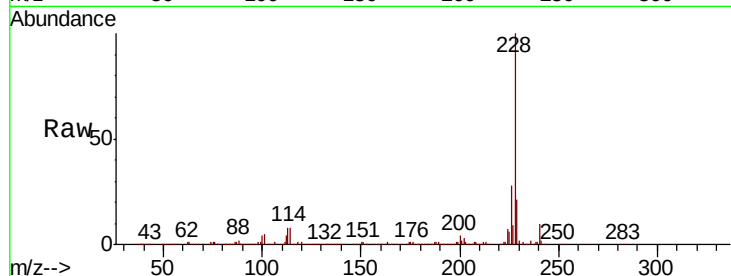
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 910685

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	21.5	16.9	25.3

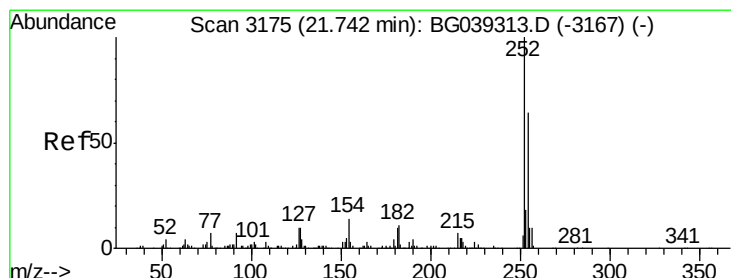
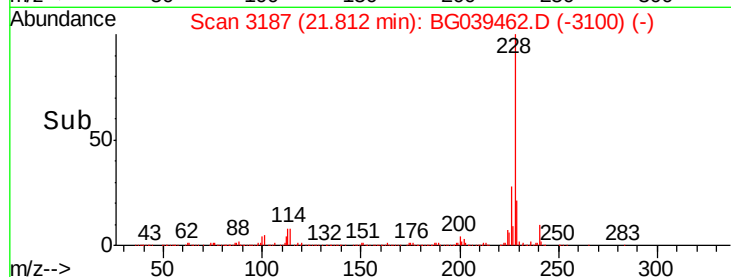
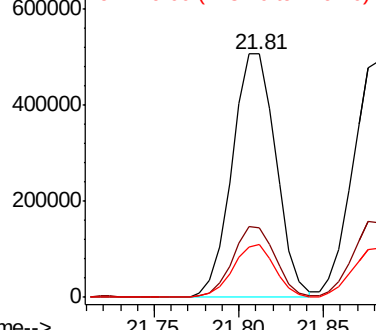


Abundance

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: 26.934 ng

RT: 21.72 min Scan# 3171

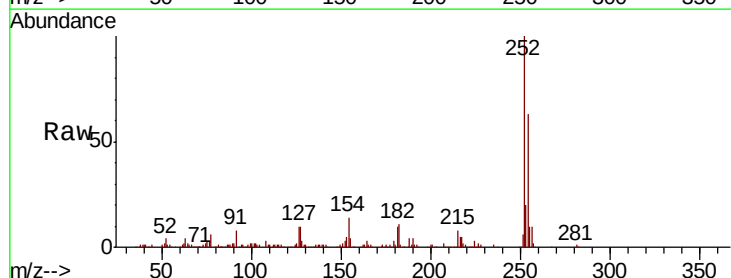
Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:252 Resp: 213406

Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.3	76.9
126	9.8	8.0	12.0

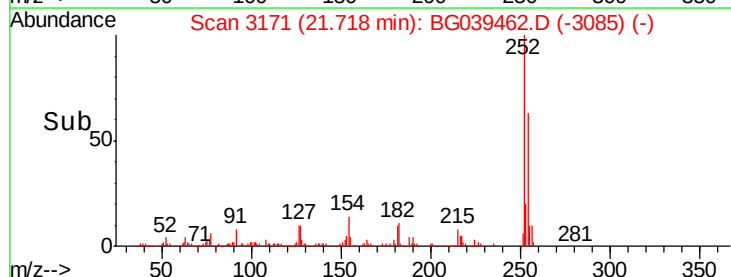
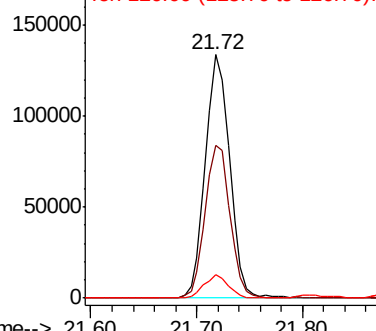


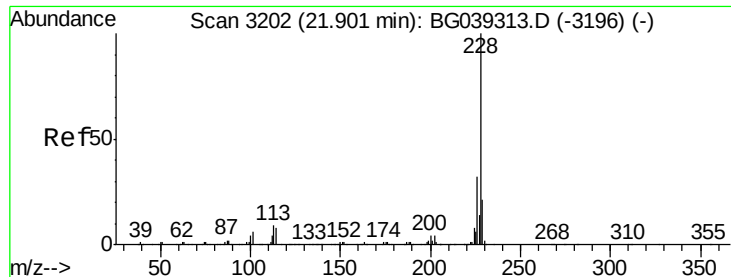
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.057 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

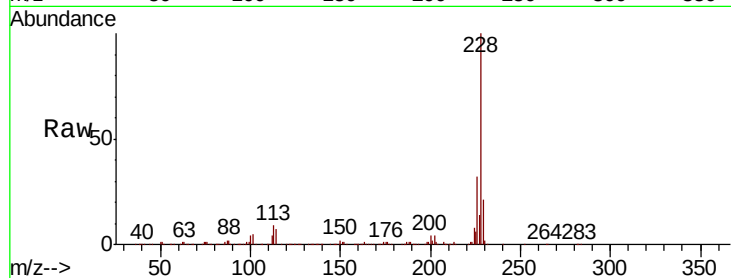
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 855504

Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.8	38.6
229	20.7	16.6	25.0



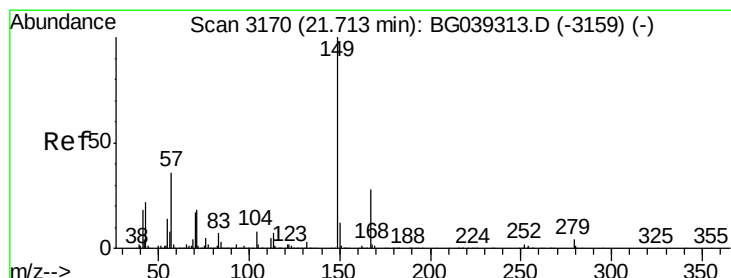
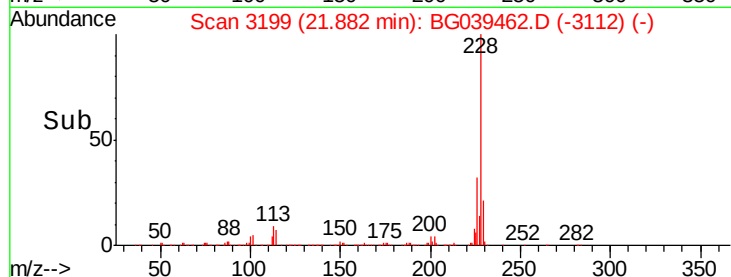
Abundance

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

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.671 ng

RT: 21.68 min Scan# 3165

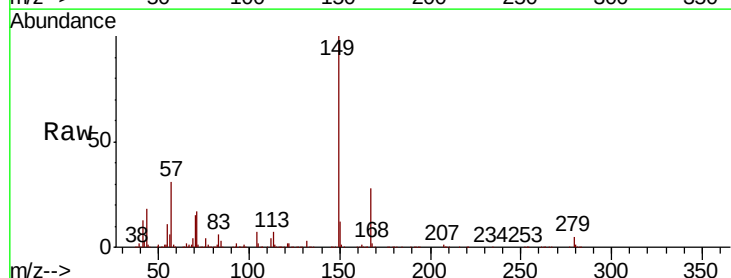
Delta R.T. -0.03 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Tgt Ion:149 Resp: 537473

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.6	34.0
279	5.3	3.5	5.3



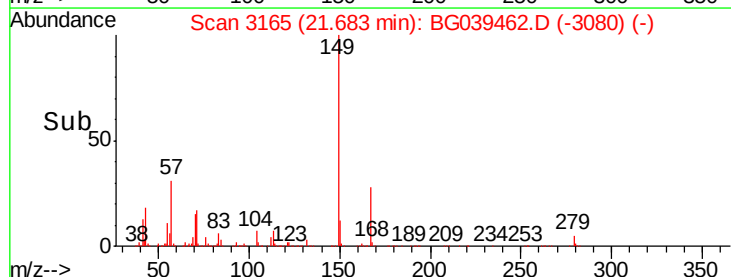
Abundance

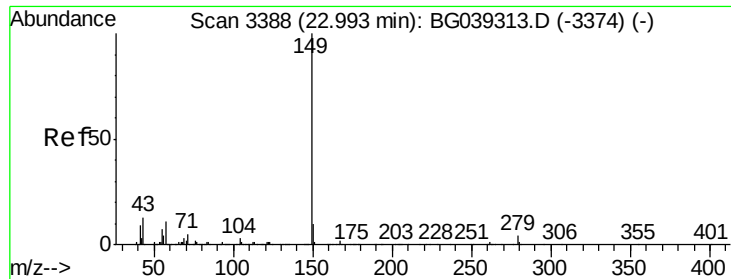
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->

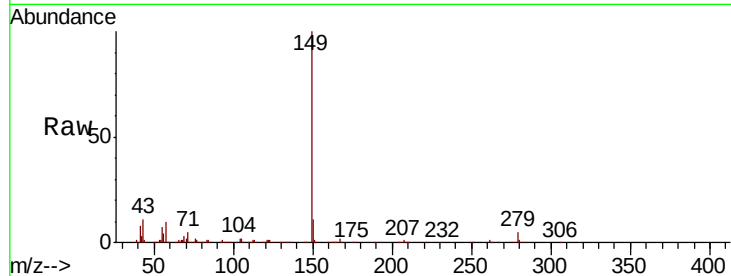




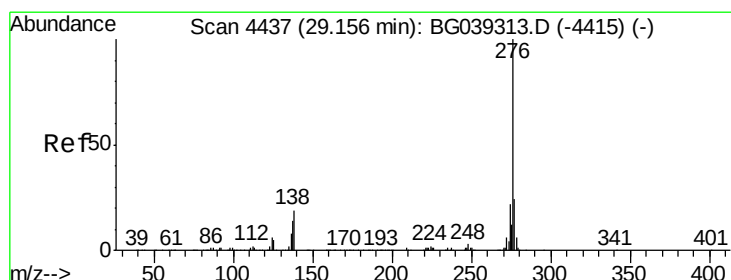
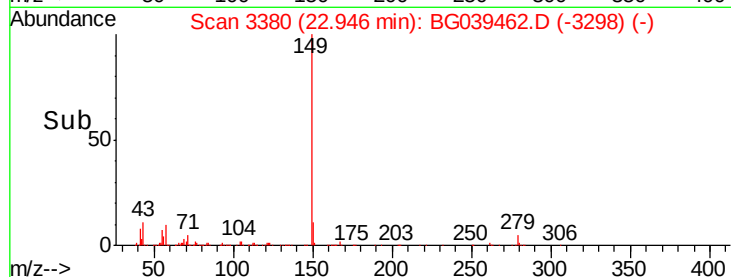
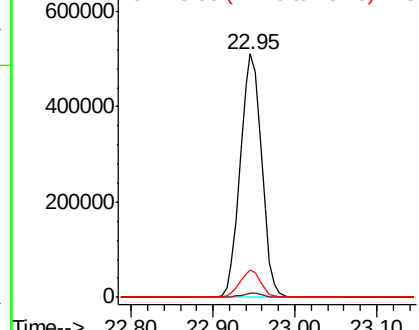
#85
Di-n-octyl phthalate
Concen: 41.514 ng
RT: 22.95 min Scan# 3380
Delta R.T. -0.05 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampleId :

Tot Ion:149 Resp: 929212
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 10.2 15.4

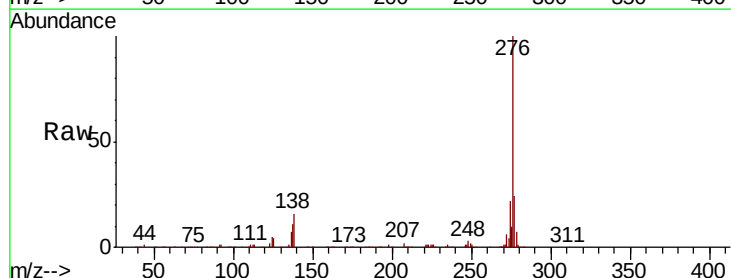


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

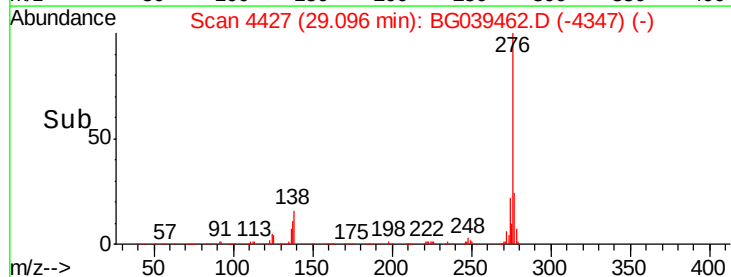
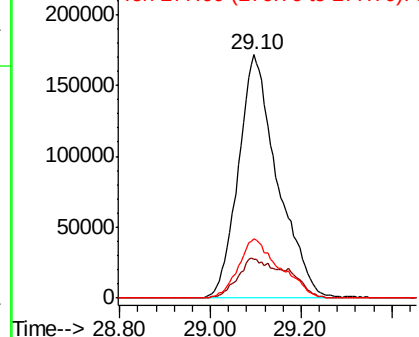


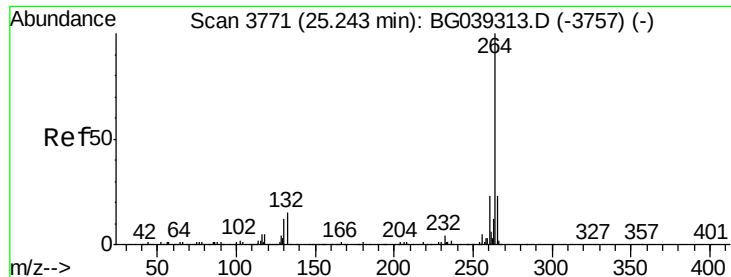
#86
Indeno(1,2,3-cd)pyrene
Concen: 47.097 ng
RT: 29.10 min Scan# 4427
Delta R.T. -0.06 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion:276 Resp: 1027863
Ion Ratio Lower Upper
276 100
138 15.7 12.6 19.0
277 25.9 20.8 31.2



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampleId :

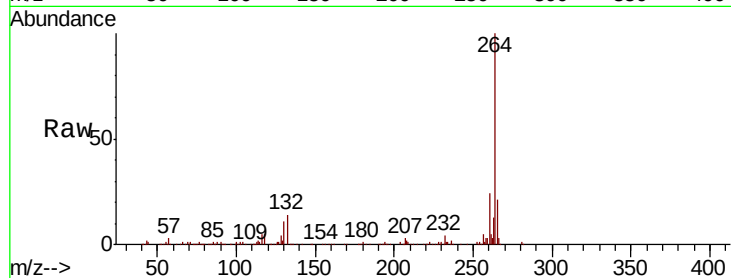
Tot Ion:264 Resp: 371243

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

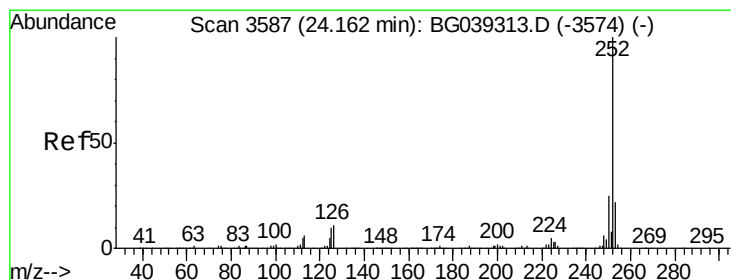
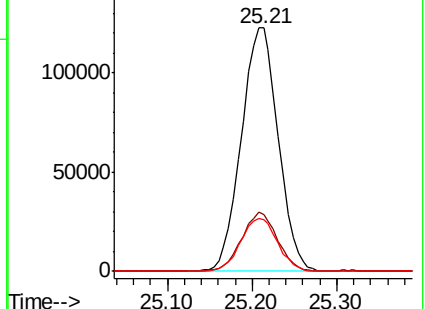
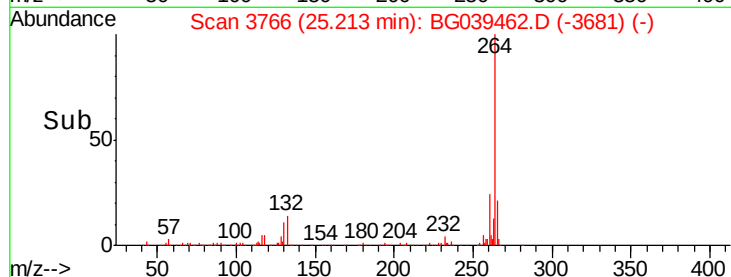
265 21.2 18.5 27.7



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: 43.646 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

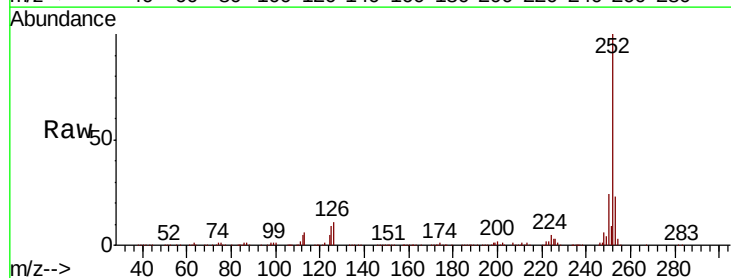
Tgt Ion:252 Resp: 883661

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.8

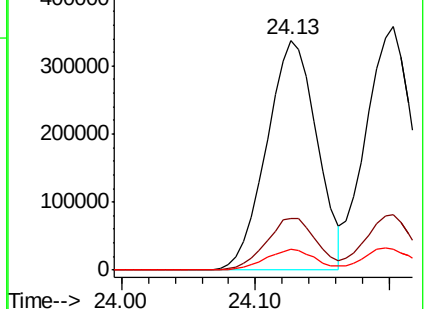
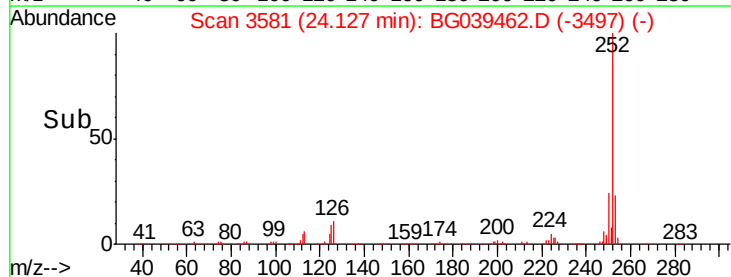
125 9.1 7.8 11.6

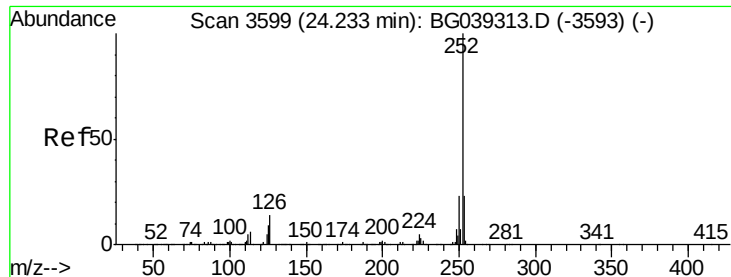


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 43.014 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

Instrument :

BNA_G

ClientSampled :

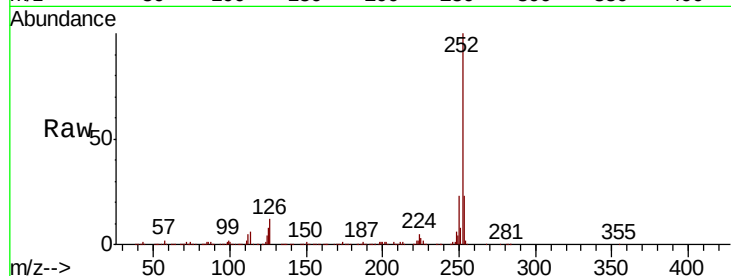
Tot Ion:252 Resp: 874332

Ion Ratio Lower Upper

252 100

253 23.0 18.2 27.2

125 8.4 7.4 11.2

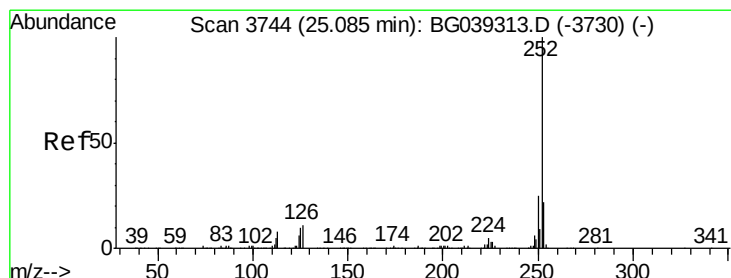
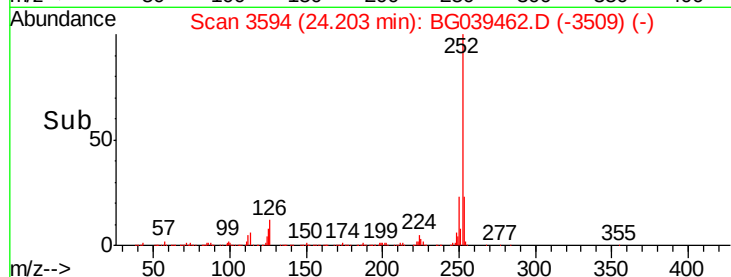
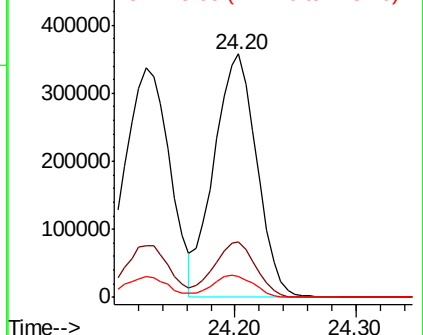


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 44.871 ng

RT: 25.05 min Scan# 3738

Delta R.T. -0.04 min

Lab File: BG039462.D

Acq: 12 Feb 2019 13:53

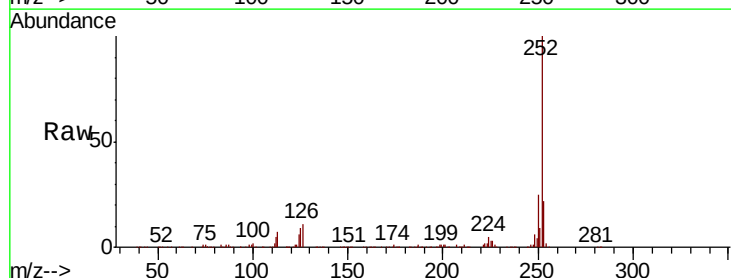
Tgt Ion:252 Resp: 874912

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

125 9.0 8.3 12.5

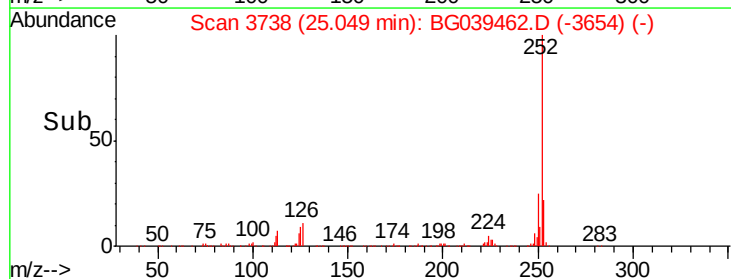
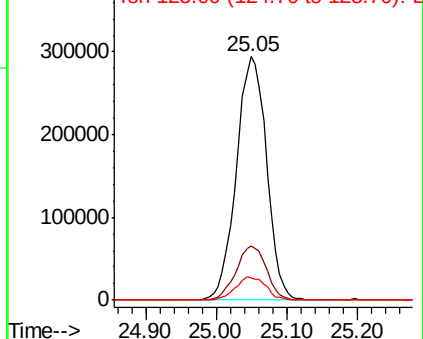


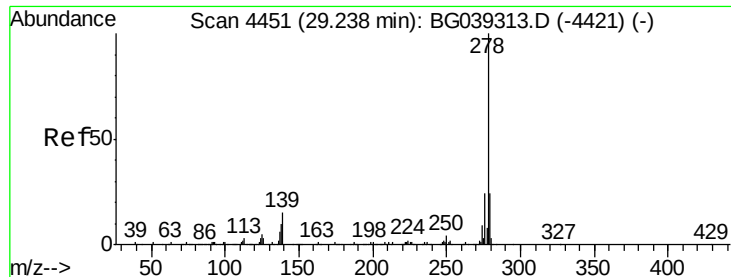
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

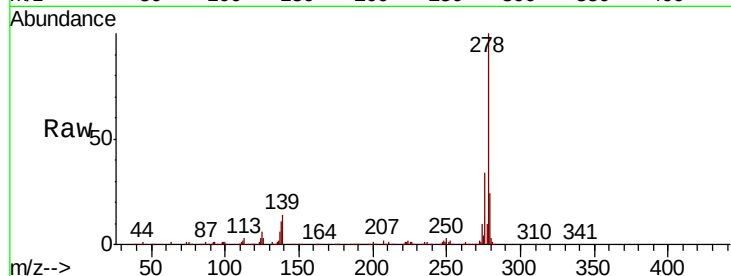




#91
Dibenzo(a,h)anthracene
Concen: 45.485 ng
RT: 29.17 min Scan# 4439
Delta R.T. -0.07 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.7	17.5
279	23.7	19.1	28.7

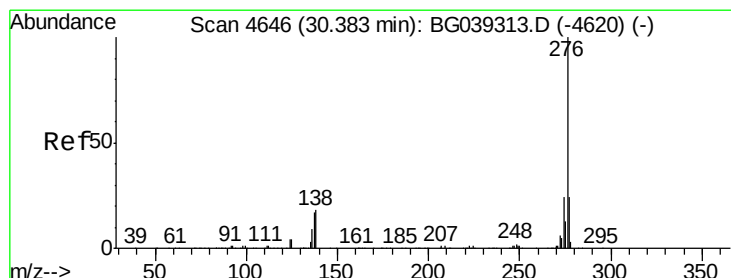
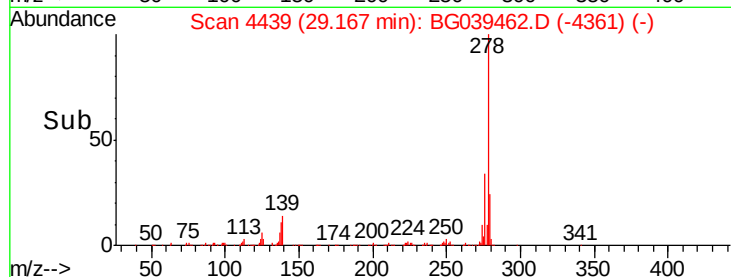
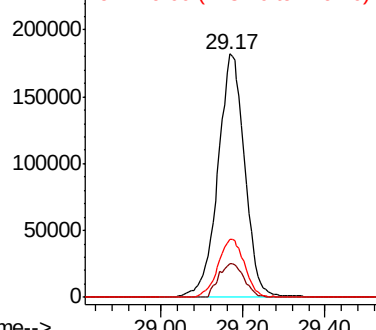


Abundance

Ion 278.00 (277.70 to 278.70): E

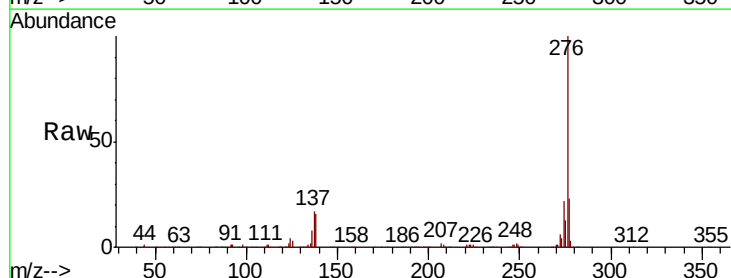
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 46.361 ng
RT: 30.33 min Scan# 4637
Delta R.T. -0.05 min
Lab File: BG039462.D
Acq: 12 Feb 2019 13:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	19.6	29.4
138	16.3	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

