

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039154.D
 Acq On : 16 Jan 2019 13:07
 Operator : JU/SJ
 Sample : PB116382BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 16 14:03:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20768	20.00	ng	-0.02
21) Naphthalene-d8	10.84	136	102427	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	68684	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	187420	20.00	ng	0.00
76) Chrysene-d12	21.69	240	200965	20.00	ng	-0.01
87) Perylene-d12	24.96	264	221180	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	178551	163.09	ng	-0.01
7) Phenol-d6	7.18	99	266490	169.14	ng	0.00
23) Nitrobenzene-d5	9.20	82	135560	72.42	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	174965	151.97	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	407162	81.13	ng	-0.01
79) Terphenyl-d14	20.02	244	917298	84.44	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	11834	27.603	ng	92
3) Pyridine	3.85	79	36318	31.176	ng	94
4) n-Nitrosodimethylamine	3.77	42	22959	43.797	ng	85
6) Aniline	7.34	93	74946	39.608	ng	96
8) 2-Chlorophenol	7.58	128	63458	49.172	ng	98
9) Benzaldehyde	7.16	77	16130	17.752	ng	94
10) Phenol	7.21	94	80881	51.203	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	49330	40.860	ng	95
12) 1,3-Dichlorobenzene	7.90	146	55297	35.763	ng	97
13) 1,4-Dichlorobenzene	8.05	146	57175	36.511	ng	95
14) 1,2-Dichlorobenzene	8.37	146	57872	38.760	ng	96
15) Benzyl Alcohol	8.26	79	55623	46.879	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.54	45	94885	40.987	ng	98
17) 2-Methylphenol	8.46	107	52111	47.510	ng	98
18) Hexachloroethane	9.09	117	20325	38.204	ng	97
19) n-Nitroso-di-n-propylamine	8.82	70	43980	42.508	ng	99
20) 3+4-Methylphenols	8.79	107	76883	49.164	ng	97
22) Acetophenone	8.85	105	90296	33.757	ng	# 97
24) Nitrobenzene	9.24	77	65060	34.387	ng	97
25) Isophorone	9.75	82	129328	40.110	ng	99
26) 2-Nitrophenol	9.95	139	39139	38.245	ng	95
27) 2,4-Dimethylphenol	10.00	122	69072	47.974	ng	90
28) bis(2-Chloroethoxy)methane	10.23	93	75696	39.062	ng	99
29) 2,4-Dichlorophenol	10.49	162	86970	48.623	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	78755	36.645	ng	98
31) Naphthalene	10.89	128	216704	42.184	ng	98
32) Benzoic acid	10.17	122	38826	44.664	ng	92
33) 4-Chloroaniline	11.01	127	49136	21.376	ng	95
34) Hexachlorobutadiene	11.14	225	54897	37.123	ng	94
35) Caprolactam	11.85	113	13569	18.918	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	81984	42.854	ng	92
37) 2-Methylnaphthalene	12.49	142	160398	41.645	ng	97
38) 1-Methylnaphthalene	12.71	142	166097	44.929	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	103798	40.240	ng	99

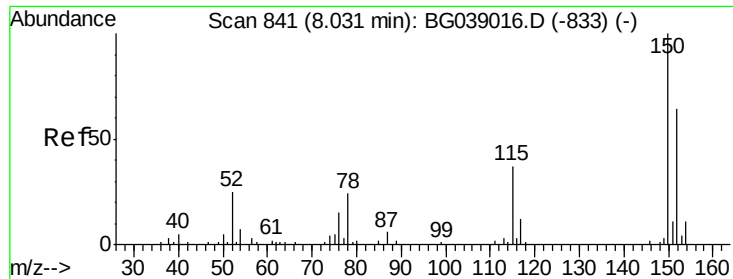
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
 Data File : BG039154.D
 Acq On : 16 Jan 2019 13:07
 Operator : JU/SJ
 Sample : PB116382BS
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Instrument :
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Quant Time: Jan 16 14:03:11 2019
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	118748	81.614	ng	98
43) 2,4,6-Trichlorophenol	13.10	196	73020	44.978	ng	99
44) 2,4,5-Trichlorophenol	13.18	196	79443	46.299	ng	95
46) 1,1'-Biphenyl	13.49	154	208556	38.321	ng	99
47) 2-Chloronaphthalene	13.54	162	166838	37.882	ng	99
48) 2-Nitroaniline	13.76	65	52711	42.722	ng	92
49) Acenaphthylene	14.39	152	279582	42.235	ng	99
50) Dimethylphthalate	14.12	163	245615	42.317	ng	100
51) 2,6-Dinitrotoluene	14.25	165	55110	42.469	ng	96
52) Acenaphthene	14.73	154	154613	38.875	ng	93
53) 3-Nitroaniline	14.59	138	38374	29.151	ng	93
54) 2,4-Dinitrophenol	14.79	184	75325	95.939	ng	93
55) Dibenzofuran	15.06	168	282810	40.262	ng	99
56) 4-Nitrophenol	14.90	139	84111	88.802	ng	98
57) 2,4-Dinitrotoluene	15.03	165	76883	41.297	ng	# 96
58) Fluorene	15.71	166	223426	42.257	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.29	232	78809	48.656	ng	99
60) Diethylphthalate	15.47	149	243816	40.772	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	128061	38.445	ng	99
62) 4-Nitroaniline	15.75	138	52283	38.126	ng	89
63) Azobenzene	15.99	77	181409	38.792	ng	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	52444	37.770	ng	94
66) n-Nitrosodiphenylamine	15.91	169	209779	37.757	ng	97
67) 4-Bromophenyl-phenylether	16.59	248	91683	38.055	ng	95
68) Hexachlorobenzene	16.71	284	98104	37.318	ng	97
69) Atrazine	16.86	200	85460	36.207	ng	97
70) Pentachlorophenol	17.06	266	111976	69.742	ng	94
71) Phenanthrene	17.45	178	398541	40.231	ng	99
72) Anthracene	17.54	178	407994	41.654	ng	99
73) Carbazole	17.82	167	354091	36.620	ng	98
74) Di-n-butylphthalate	18.35	149	404262	37.582	ng	99
75) Fluoranthene	19.46	202	547933	44.617	ng	100
77) Benzidine	19.65	184	246118	40.040	ng	99
78) Pyrene	19.83	202	627333	48.983	ng	99
80) Butylbenzylphthalate	20.69	149	196987	40.440	ng	98
81) Benzo(a)anthracene	21.67	228	497517	40.668	ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	123184	24.713	ng	98
83) Chrysene	21.74	228	470472	40.435	ng	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	260974	38.585	ng	97
85) Di-n-octyl phthalate	22.75	149	482288	42.171	ng	99
86) Indeno(1,2,3-cd)pyrene	28.71	276	588179	42.306	ng	99
88) Benzo(b)fluoranthene	23.92	252	588596	48.262	ng	100
89) Benzo(k)fluoranthene	23.98	252	536496	44.492	ng	98
90) Benzo(a)pyrene	24.80	252	515012	43.689	ng	99
91) Dibenzo(a,h)anthracene	28.76	278	491671	41.932	ng	98
92) Benzo(g,h,i)perylene	29.89	276	481286	41.462	ng	99

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

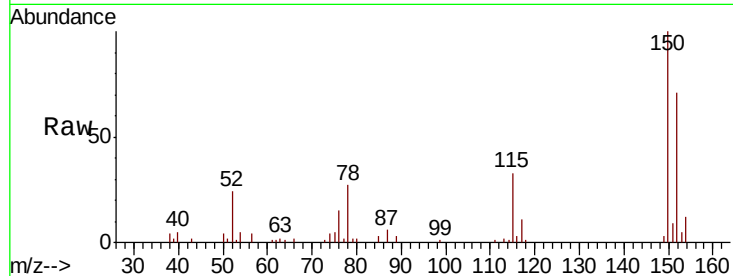


#1

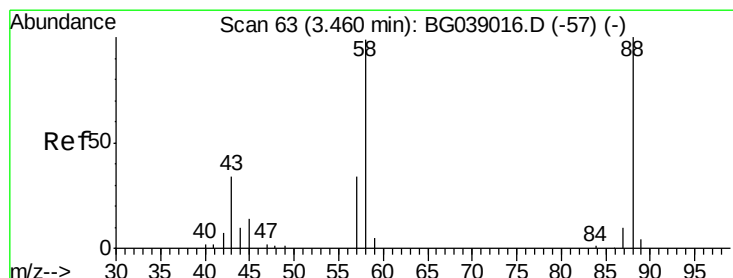
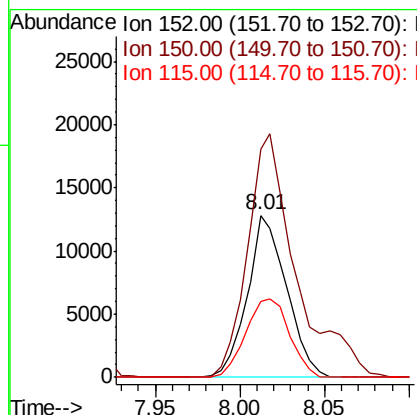
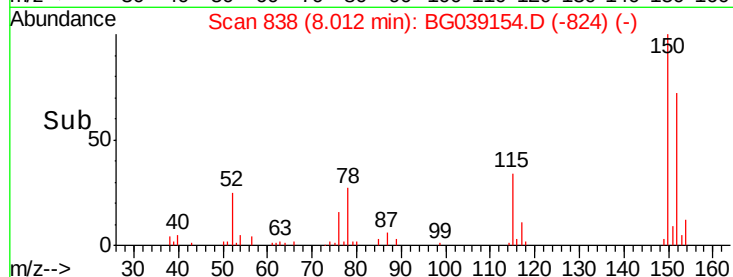
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 20768
Ion Ratio Lower Upper
152 100
150 140.7 124.7 187.1
115 46.9 46.5 69.7



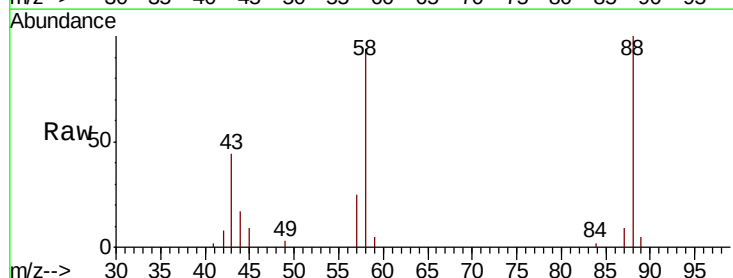
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



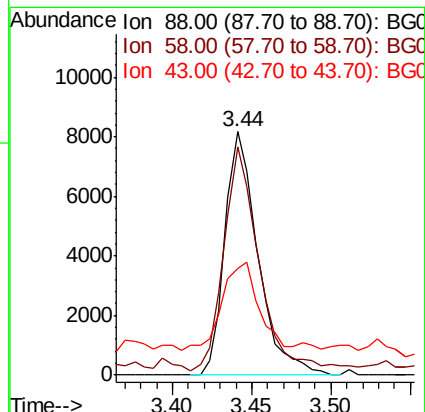
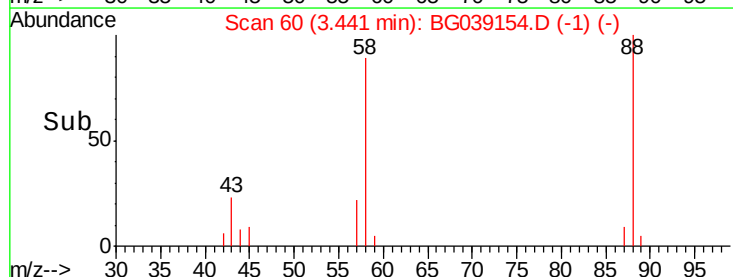
#2

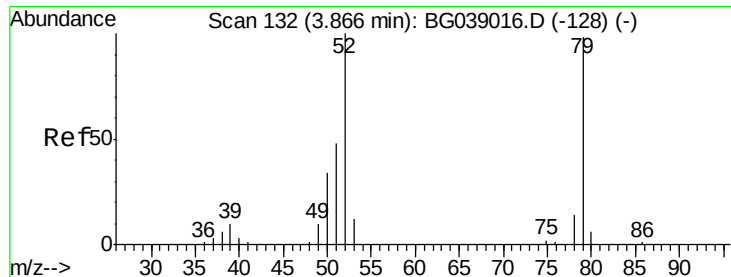
1,4-Dioxane
Concen: 27.603 ng
RT: 3.44 min Scan# 60
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion: 88 Resp: 11834
Ion Ratio Lower Upper
88 100
58 97.4 72.4 108.6
43 39.5 27.6 41.4



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





#3

Pvridine

Concen: 31.176 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

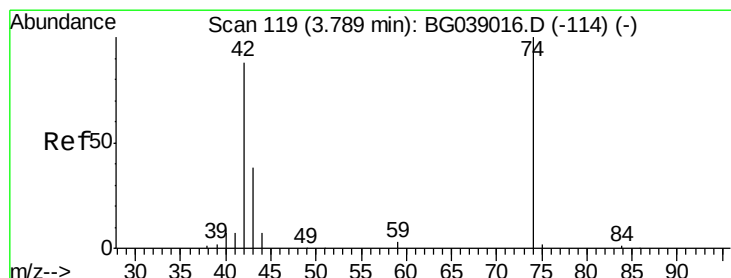
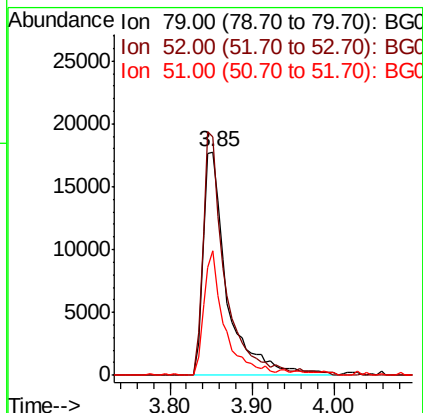
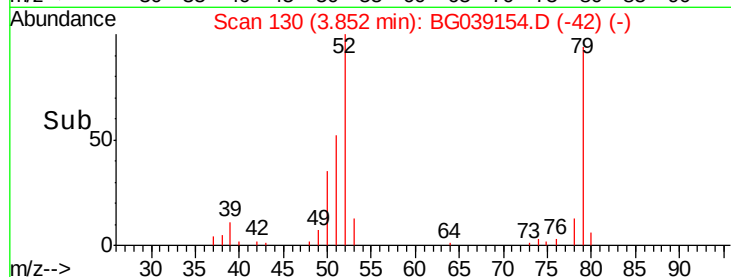
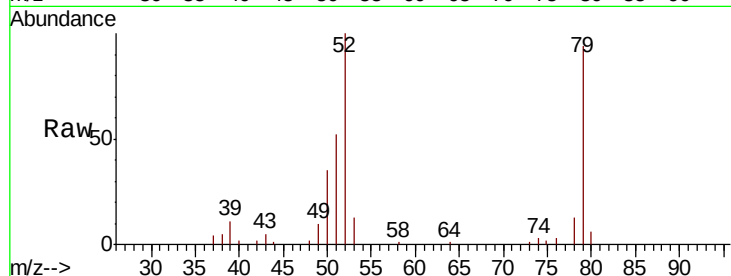
Tot Ion: 79 Resp: 36318

Ion Ratio Lower Upper

79 100

52 106.7 81.5 122.3

51 55.6 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 43.797 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

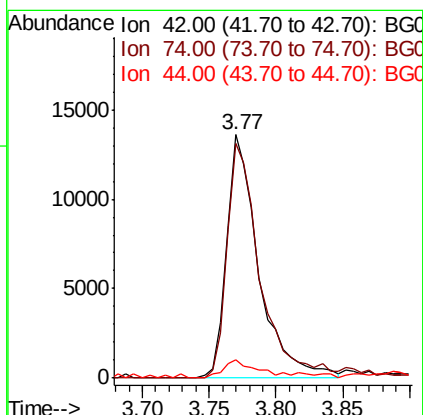
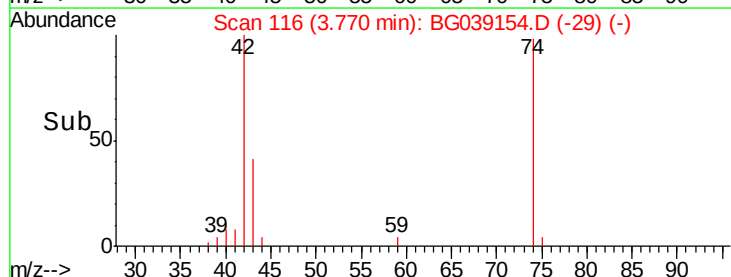
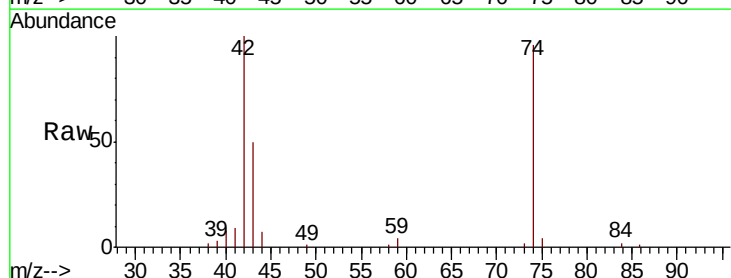
Tgt Ion: 42 Resp: 22959

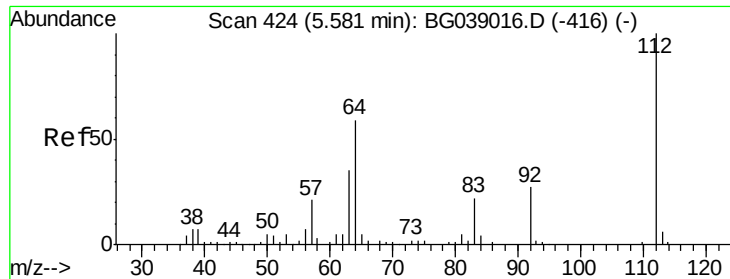
Ion Ratio Lower Upper

42 100

74 96.5 90.7 136.1

44 7.3 6.5 9.7





#5

2-Fluorophenol

Concen: 163.091 ng

RT: 5.57 min Scan# 422

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampled :

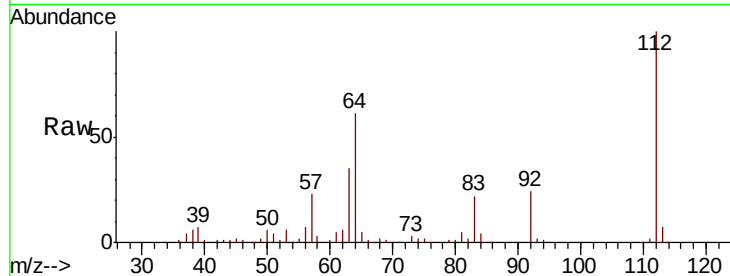
Tot Ion: 112 Resp: 178551

Ion Ratio Lower Upper

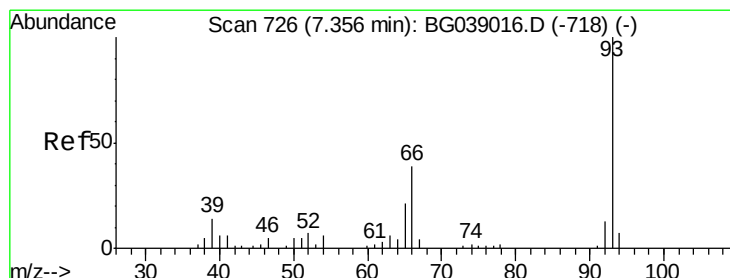
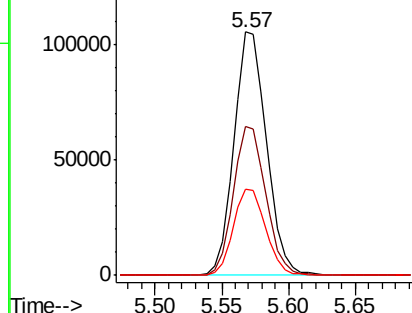
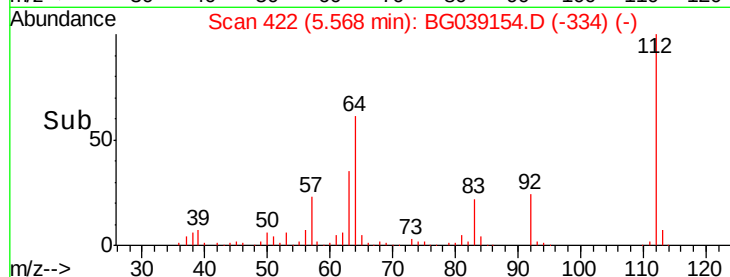
112 100

64 61.3 47.0 70.6

63 35.4 28.0 42.0



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: 39.608 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

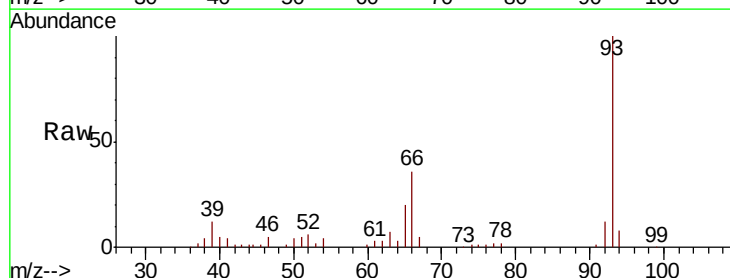
Tgt Ion: 93 Resp: 74946

Ion Ratio Lower Upper

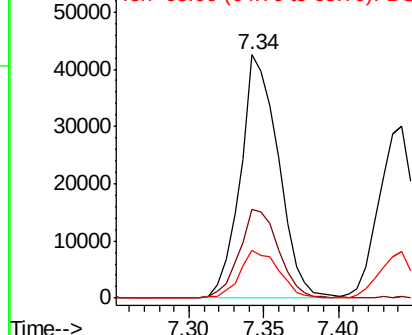
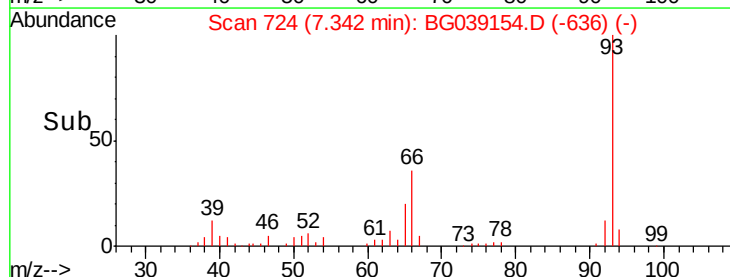
93 100

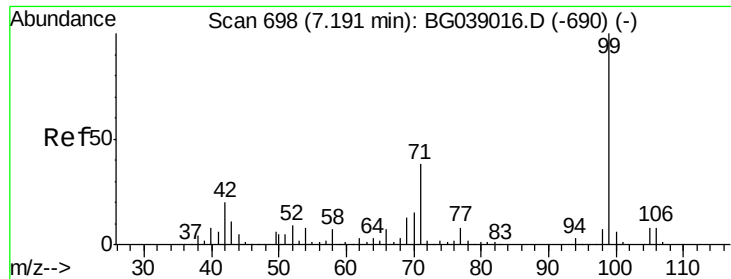
66 36.2 30.9 46.3

65 19.9 17.0 25.4



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: 169.141 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

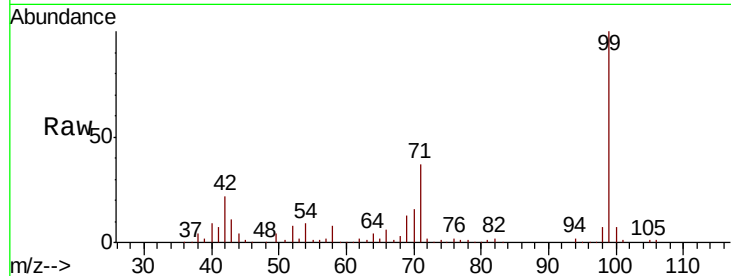
Tot Ion: 99 Resp: 266490

Ion Ratio Lower Upper

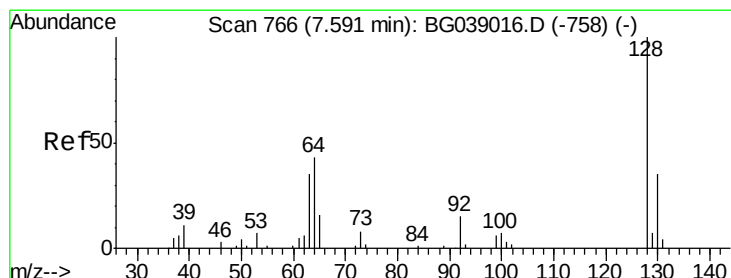
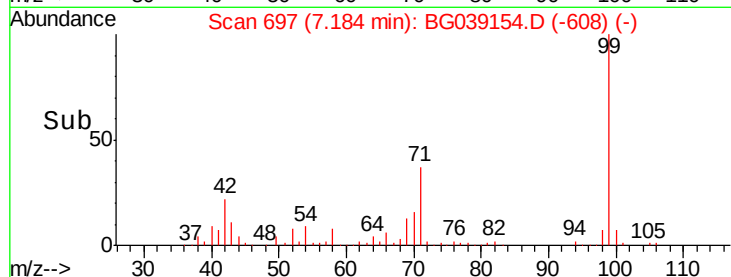
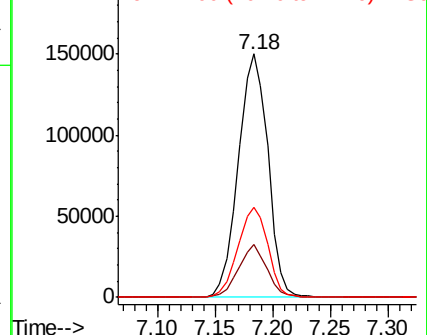
99 100

42 21.5 15.8 23.6

71 37.2 30.2 45.4



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: 49.172 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

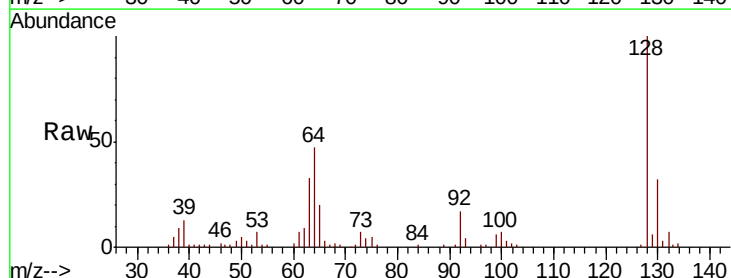
Tgt Ion: 128 Resp: 63458

Ion Ratio Lower Upper

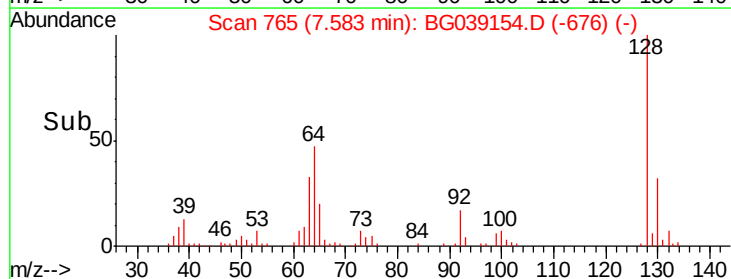
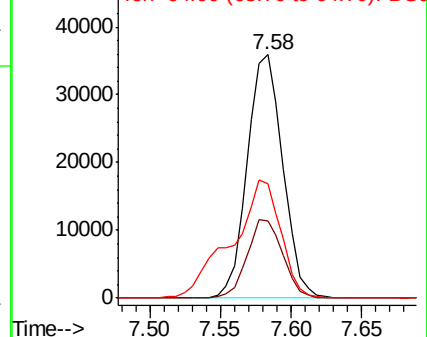
128 100

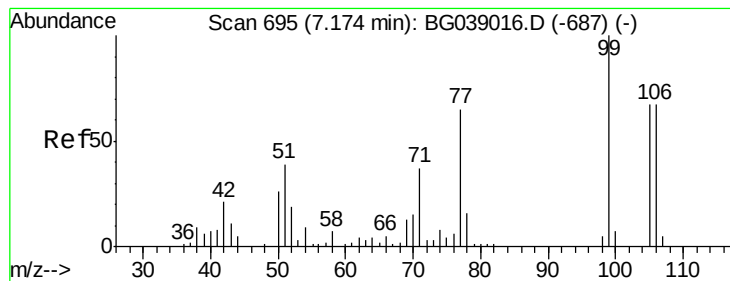
130 31.7 14.5 54.5

64 46.9 27.3 67.3



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: 17.752 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampled :

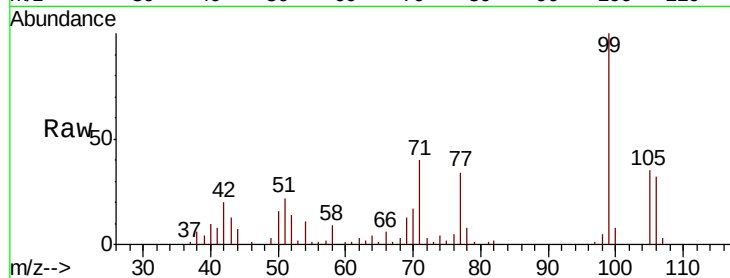
Tot Ion: 77 Resp: 16130

Ion Ratio Lower Upper

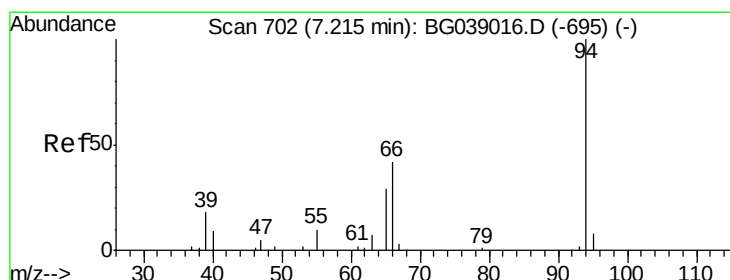
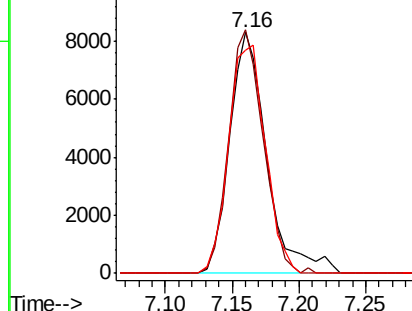
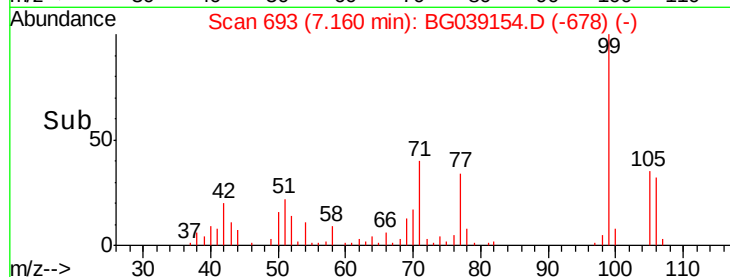
77 100

105 101.2 82.4 122.4

106 92.7 82.8 122.8



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: 51.203 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

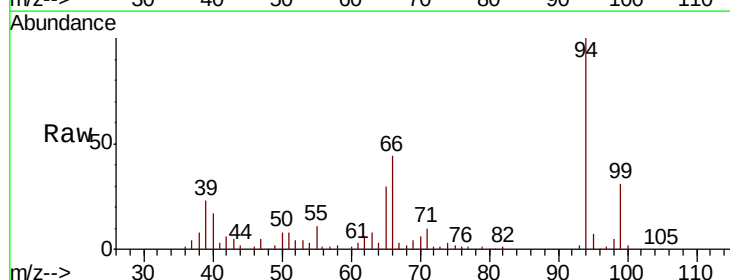
Tgt Ion: 94 Resp: 80881

Ion Ratio Lower Upper

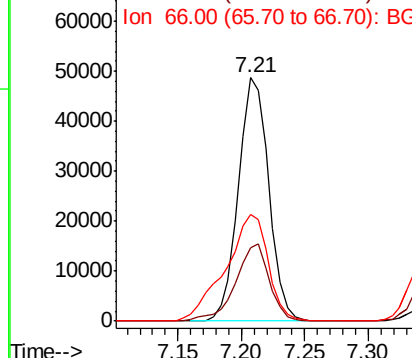
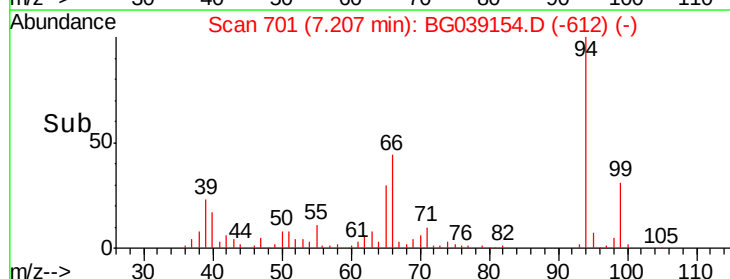
94 100

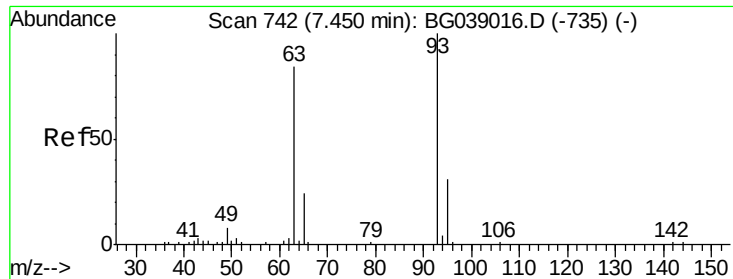
65 30.0 10.3 50.3

66 44.0 25.1 65.1



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

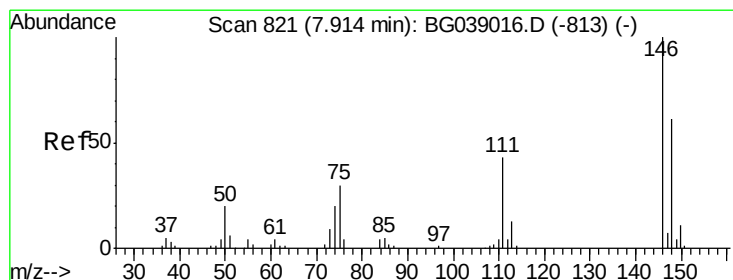
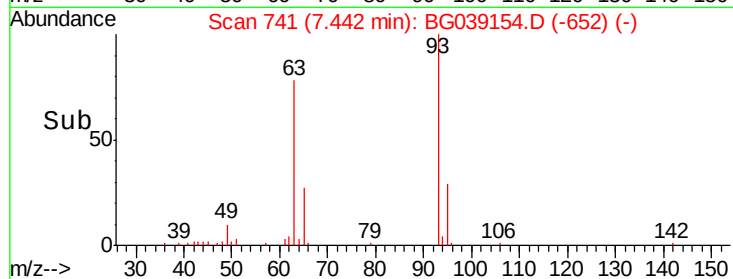
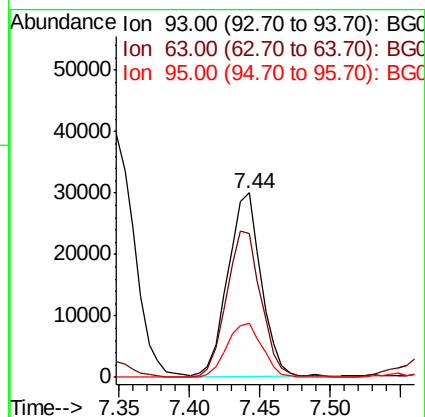
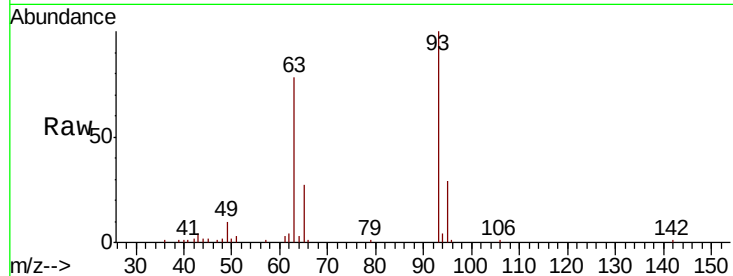




#11
 bis(2-Chloroethyl)ether
 Concen: 40.860 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

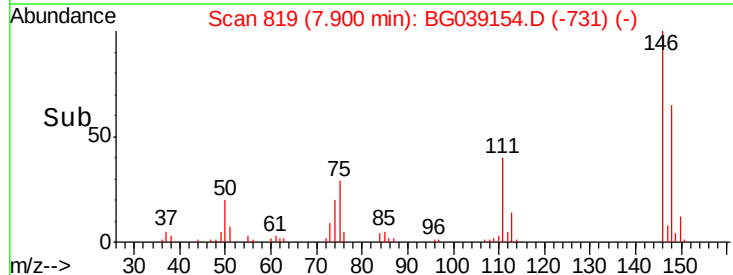
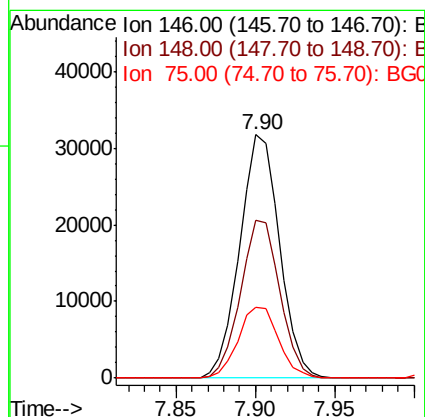
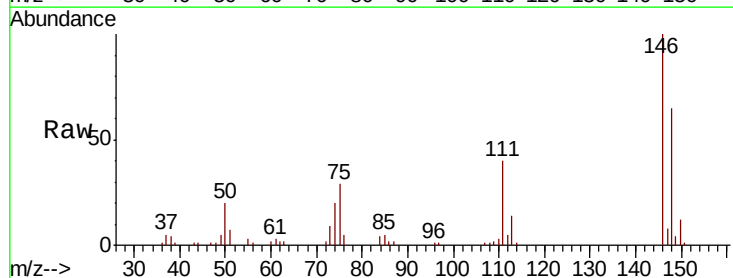
Instrument :
 BNA_G
 ClientSampled :

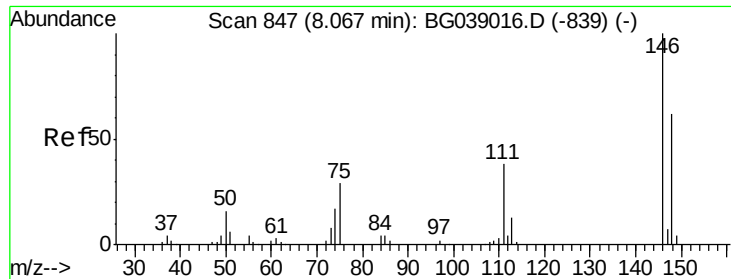
Tot Ion: 93 Resp: 49330
 Ion Ratio Lower Upper
 93 100
 63 78.2 63.2 103.2
 95 29.4 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 35.763 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion: 146 Resp: 55297
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.1 73.7
 75 29.3 23.9 35.9

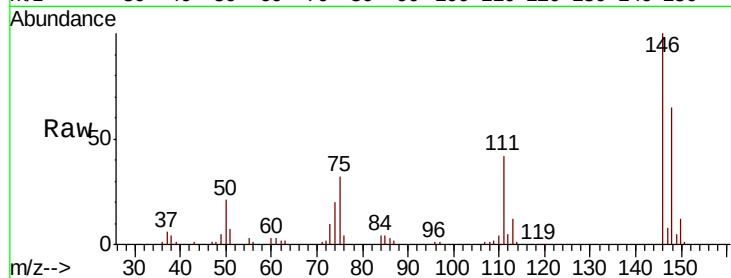




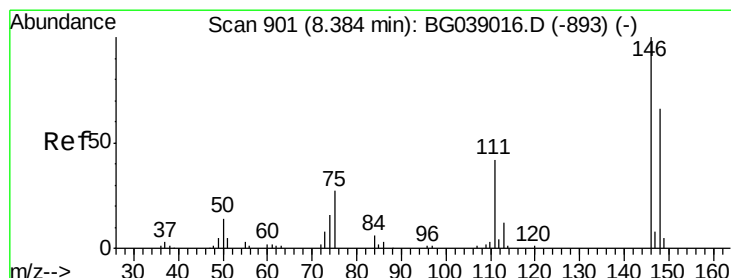
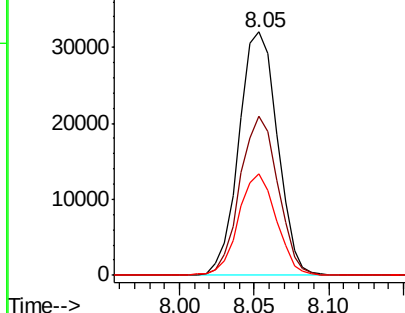
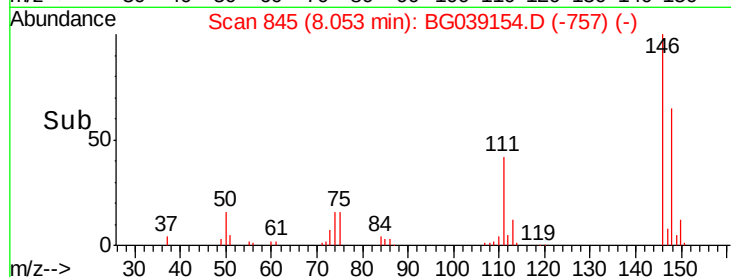
#13
 1,4-Dichlorobenzene
 Concen: 36.511 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 57175
 Ion Ratio Lower Upper
 146 100
 148 65.4 49.8 74.6
 111 41.9 30.6 45.8

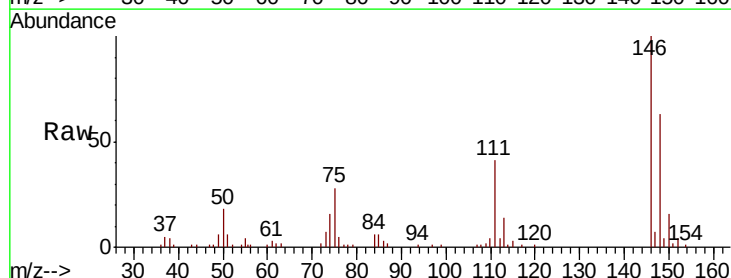


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

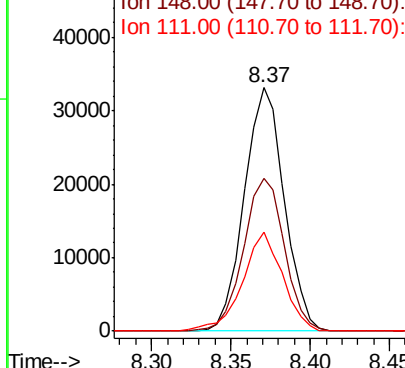
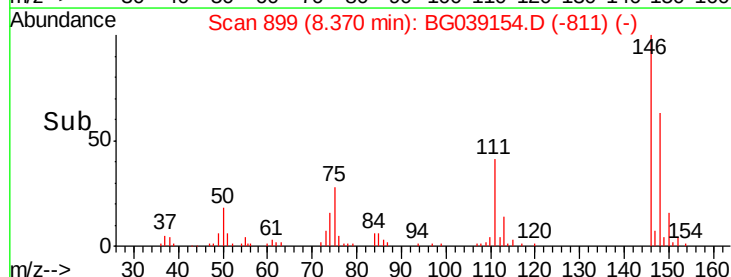


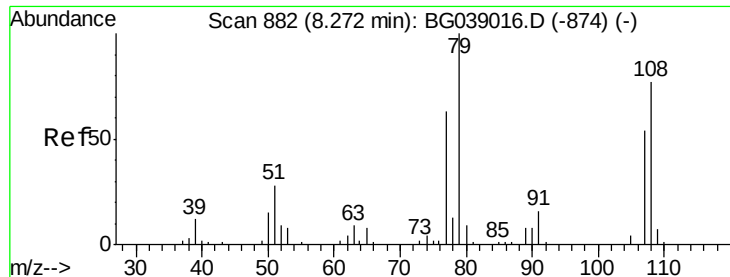
#14
 1,2-Dichlorobenzene
 Concen: 38.760 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion:146 Resp: 57872
 Ion Ratio Lower Upper
 146 100
 148 62.8 52.6 79.0
 111 40.8 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 46.879 ng

RT: 8.26 min Scan# 881

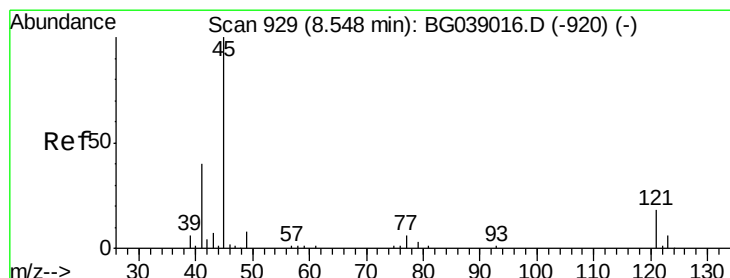
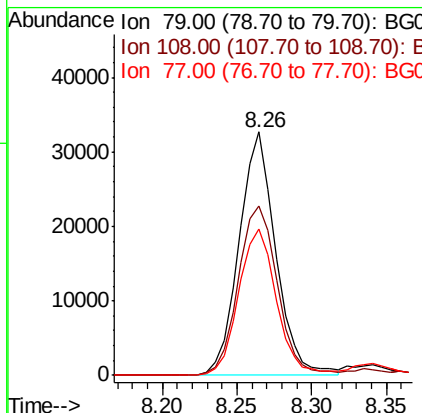
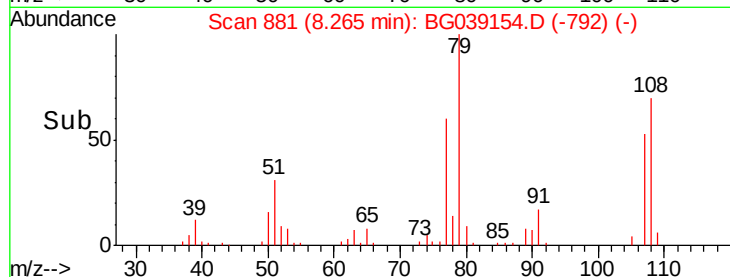
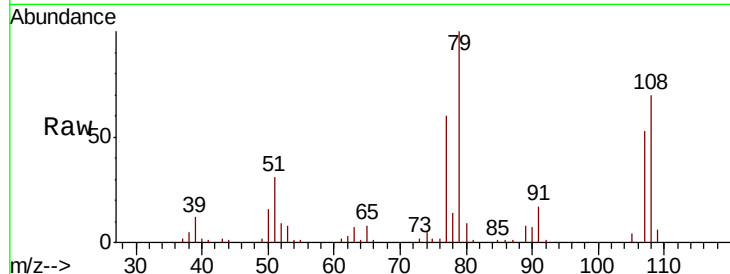
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	79	Resp:	55623
Ion	Ratio	Lower	Upper
79	100		
108	69.7	62.0	93.0
77	60.3	50.1	75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.987 ng

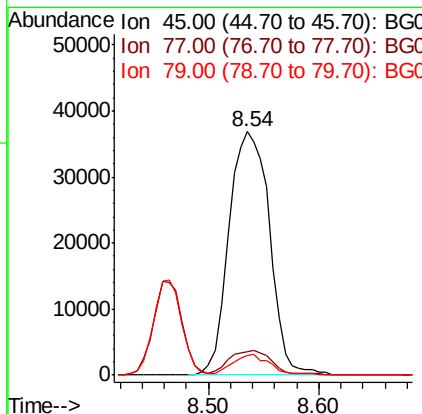
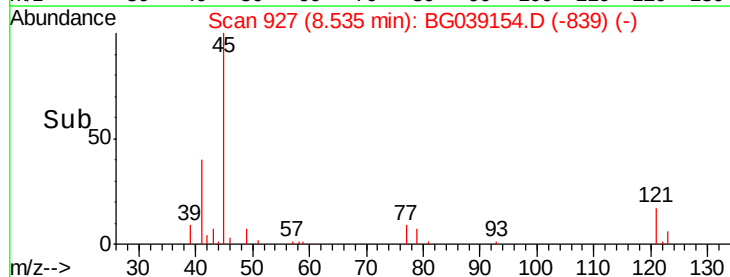
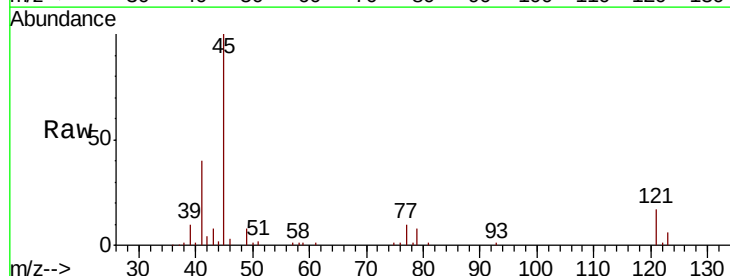
RT: 8.54 min Scan# 927

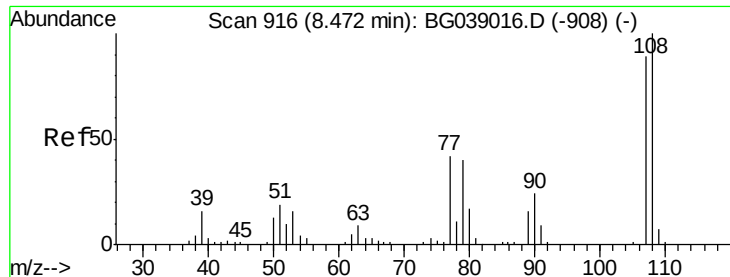
Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:	45	Resp:	94885
Ion	Ratio	Lower	Upper
45	100		
77	9.5	0.0	30.7
79	8.0	0.0	28.5

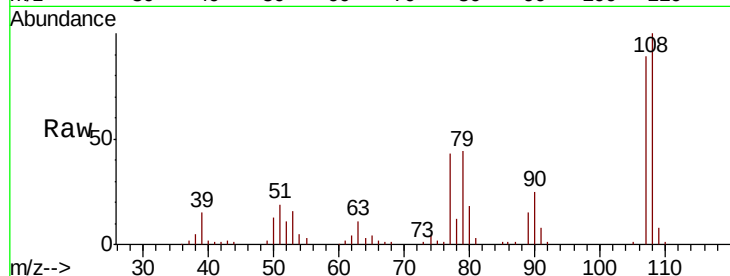




#17
2-Methylphenol
Concen: 47.510 ng
RT: 8.46 min Scan# 915
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.3	90.3	135.5
77	48.0	38.3	57.5
79	49.4	35.8	53.6



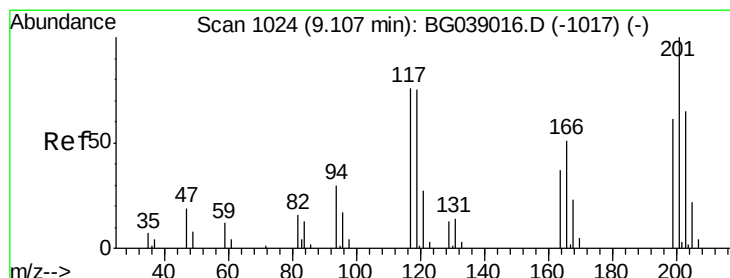
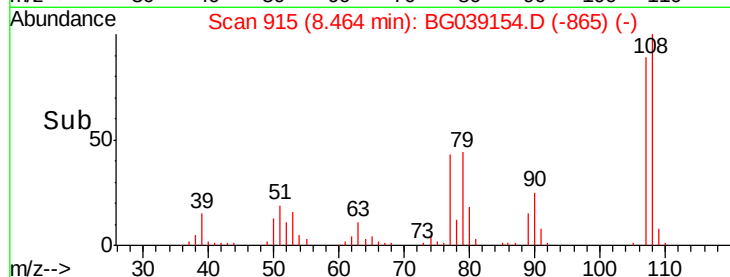
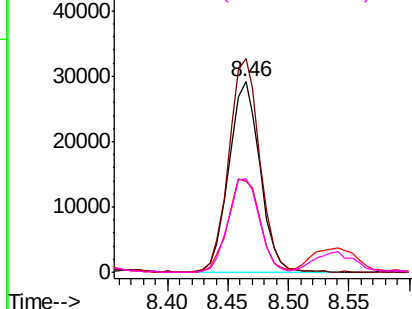
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

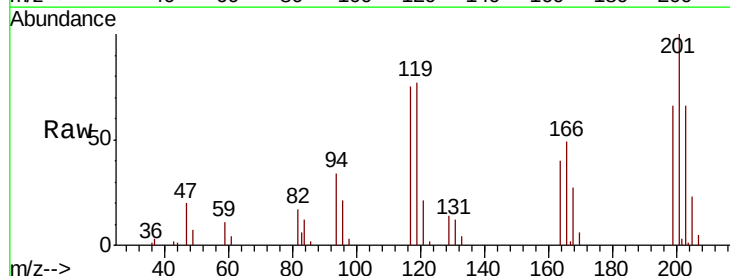
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.204 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	102.7	78.7	118.1
201	132.7	108.1	162.1

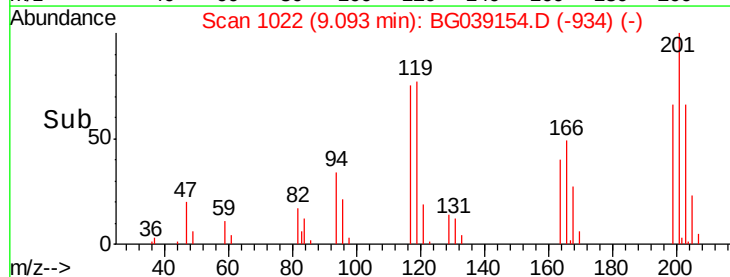
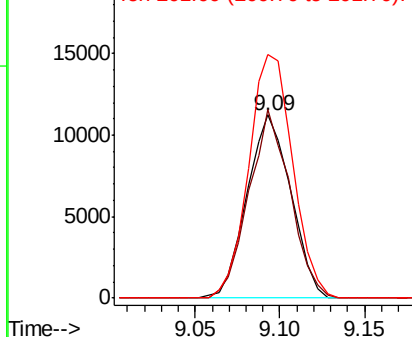


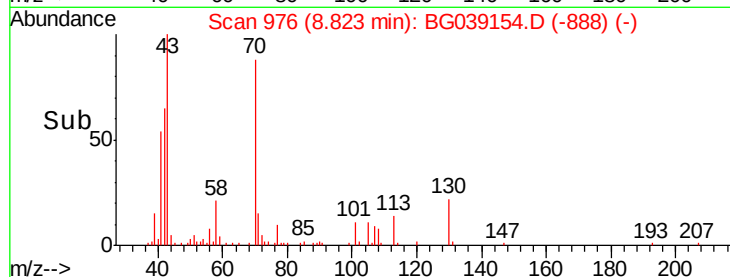
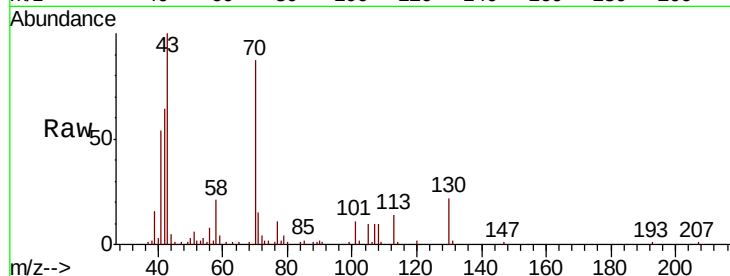
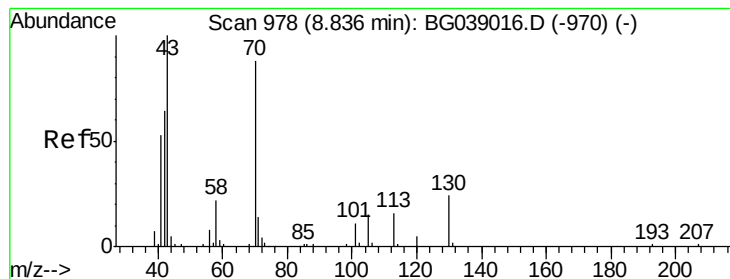
Abundance

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: 42.508 ng

RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 43980

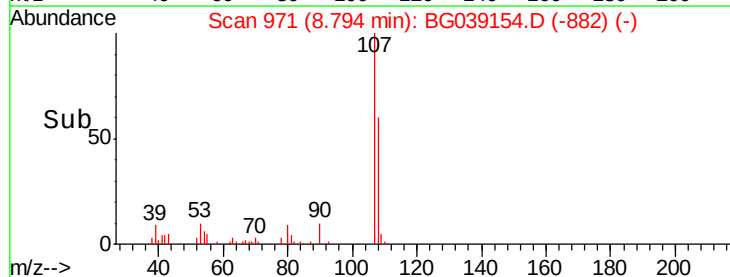
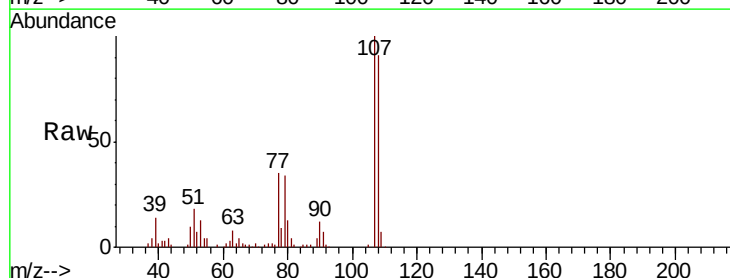
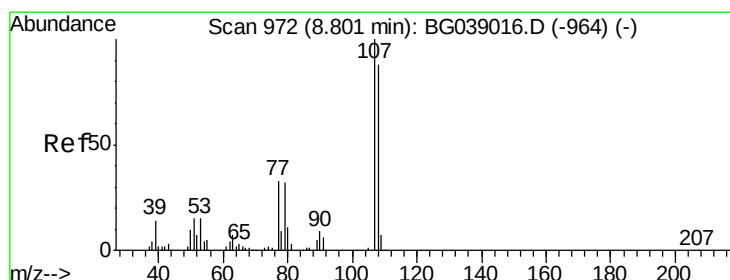
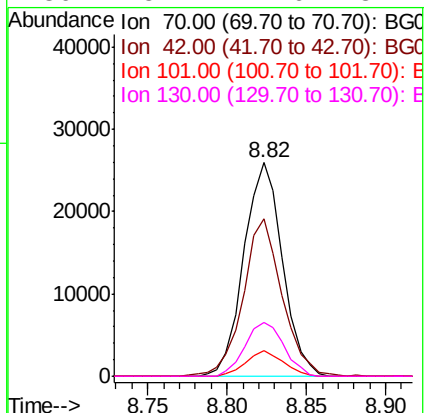
Ion Ratio Lower Upper

70 100

42 73.7 59.0 88.4

101 12.2 10.4 15.6

130 25.4 21.6 32.4



#20

3+4-Methylphenols

Concen: 49.164 ng

RT: 8.79 min Scan# 971

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion: 107 Resp: 76883

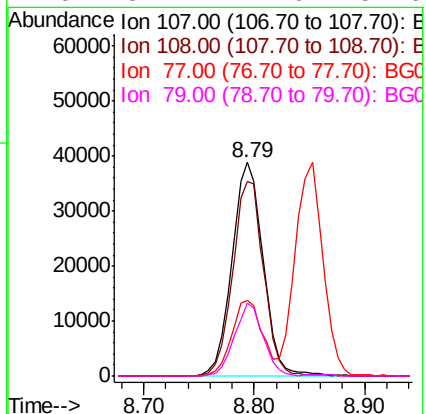
Ion Ratio Lower Upper

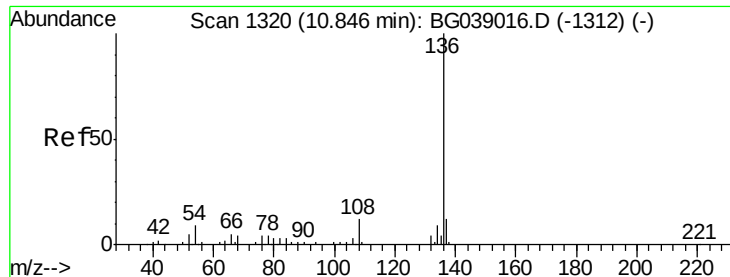
107 100

108 90.9 68.4 108.4

77 35.1 13.3 53.3

79 34.1 11.6 51.6

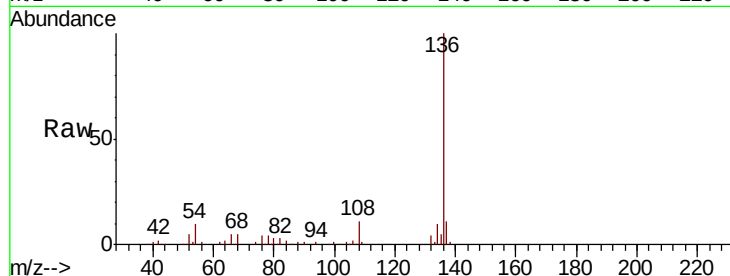




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	102427	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.4	14.2	
54 10.5	7.2	10.8	
68 4.6	3.5	5.3	



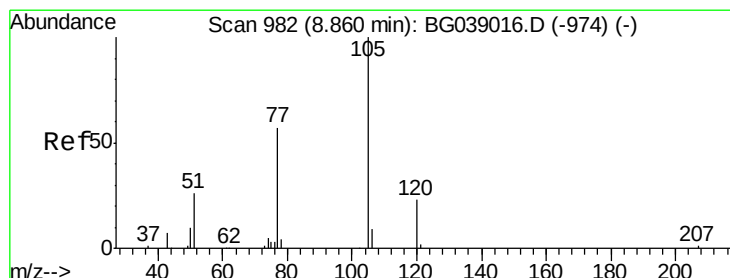
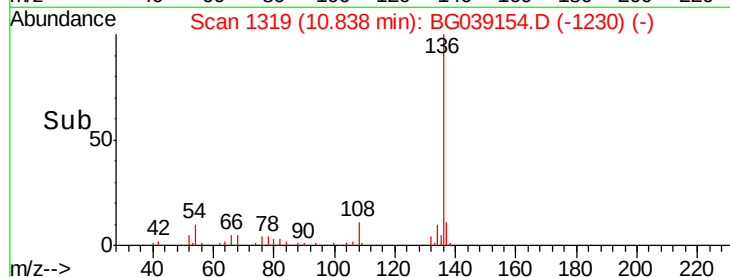
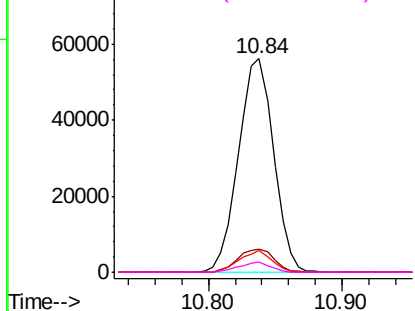
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

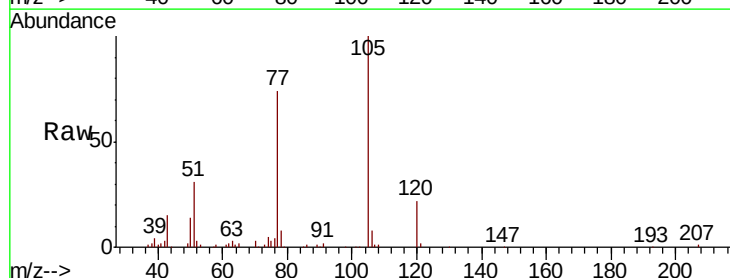
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22
Acetophenone
Concen: 33.757 ng
RT: 8.85 min Scan# 981
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt	Ion:105	Resp:	90296
Ion	Ratio	Lower	Upper
105	100		
71	0.3	0.6	1.0#
51	31.3	26.6	39.8
120	21.6	17.9	26.9



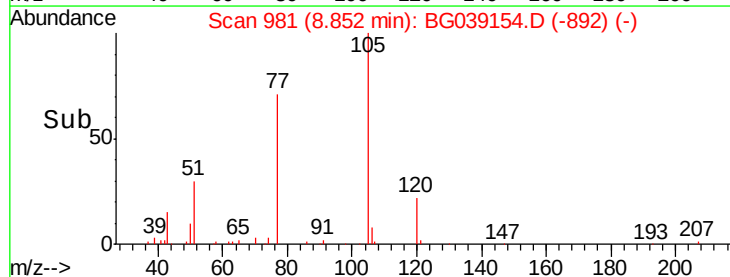
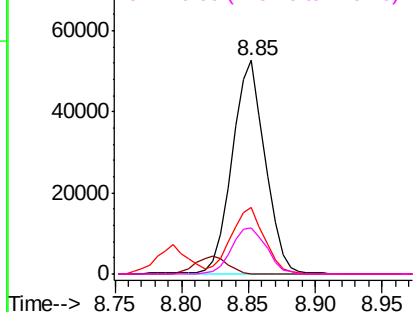
Abundance

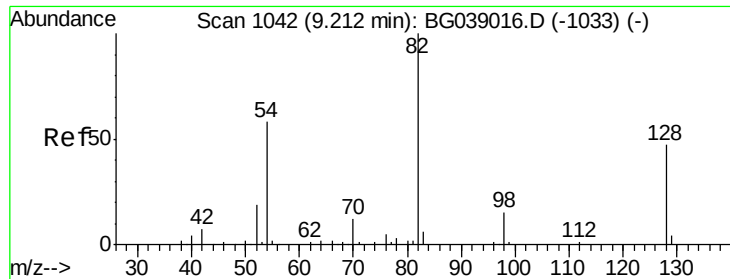
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E

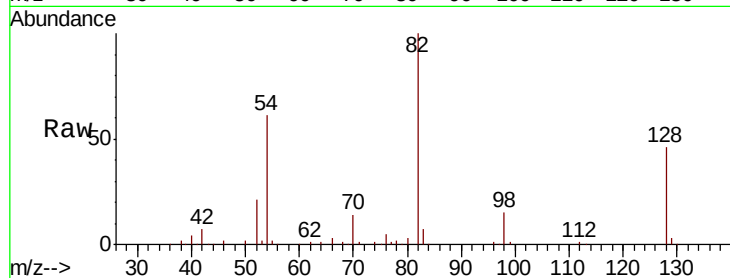




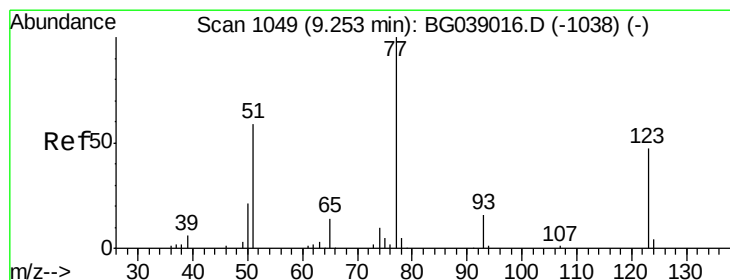
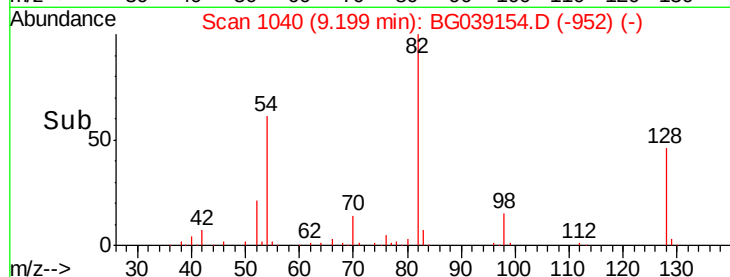
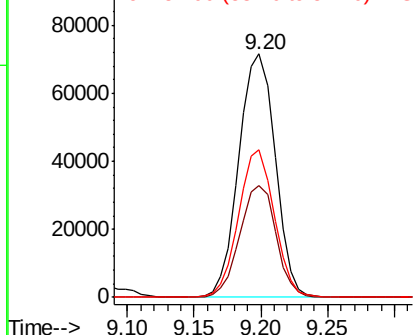
#23
Nitrobenzene-d5
Concen: 72.420 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 135560
Ion Ratio Lower Upper
82 100
128 45.7 37.3 55.9
54 60.8 46.4 69.6

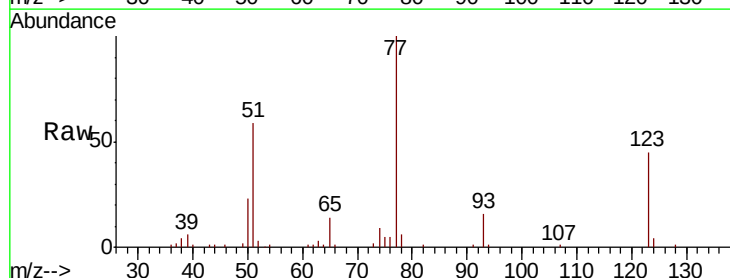


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

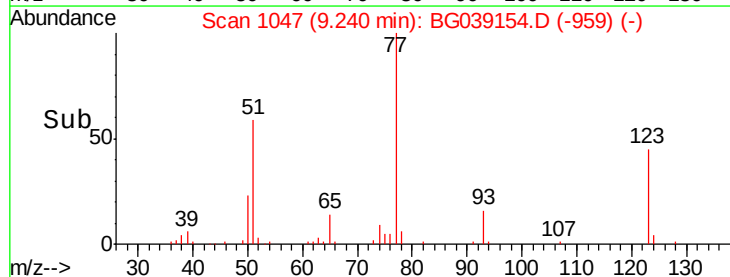
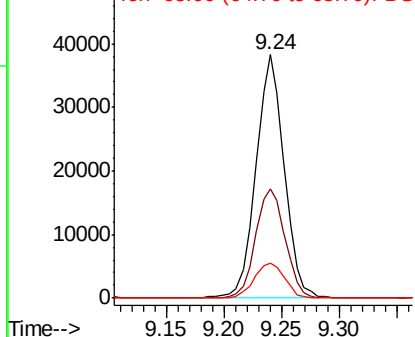


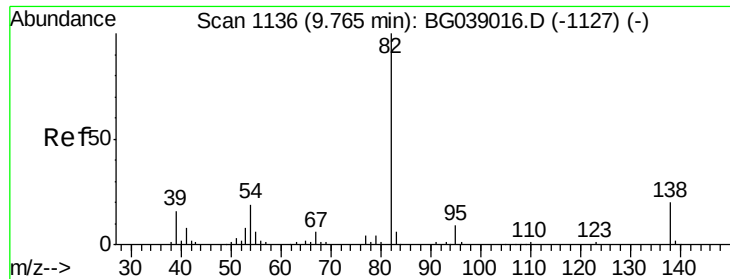
#24
Nitrobenzene
Concen: 34.387 ng
RT: 9.24 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion: 77 Resp: 65060
Ion Ratio Lower Upper
77 100
123 44.8 37.6 56.4
65 14.4 11.0 16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.110 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

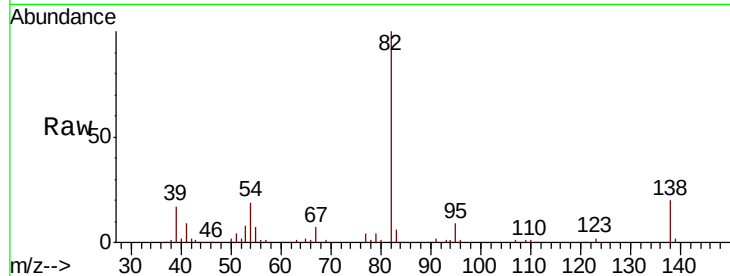
Tot Ion: 82 Resp: 129328

Ion Ratio Lower Upper

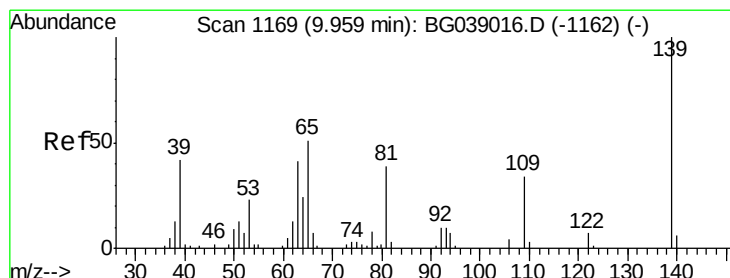
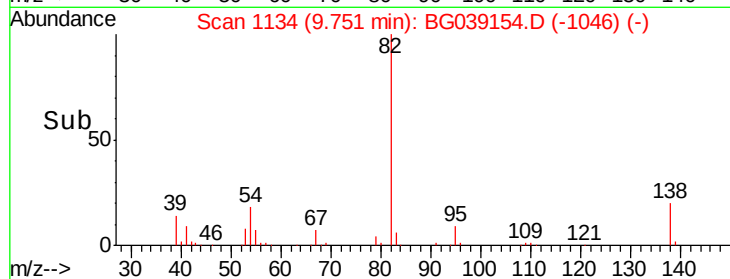
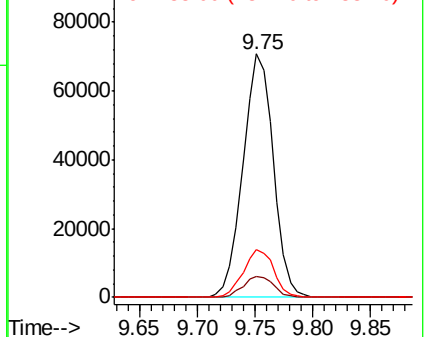
82 100

95 8.8 7.0 10.6

138 19.8 16.2 24.4



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: 38.245 ng

RT: 9.95 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

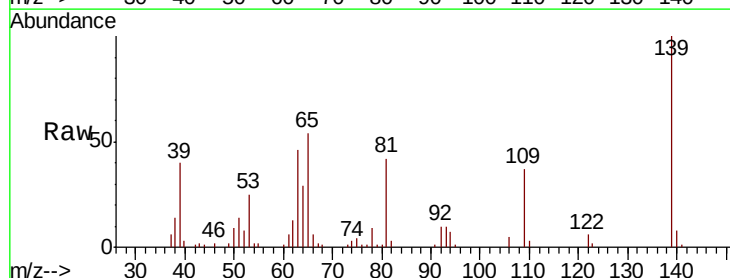
Tgt Ion: 139 Resp: 39139

Ion Ratio Lower Upper

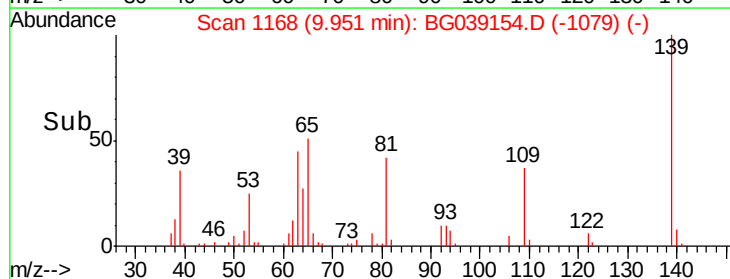
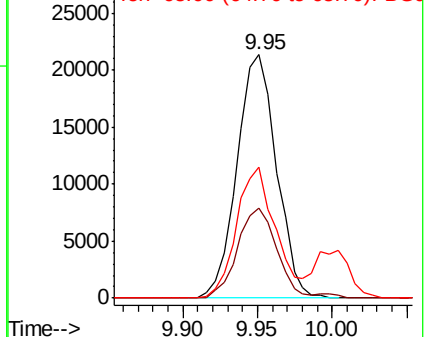
139 100

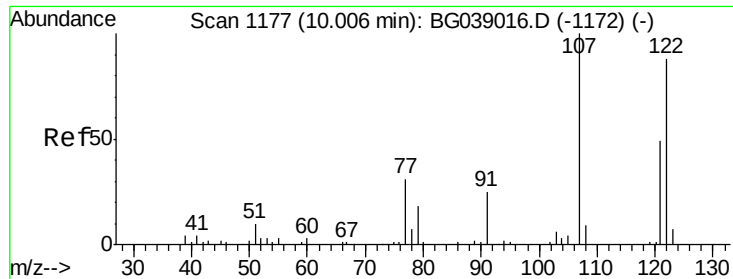
109 37.1 27.3 40.9

65 54.0 40.6 61.0



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

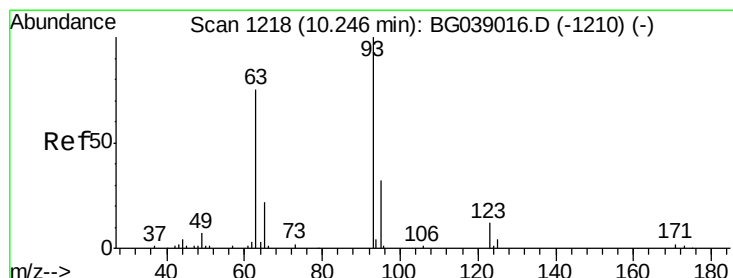
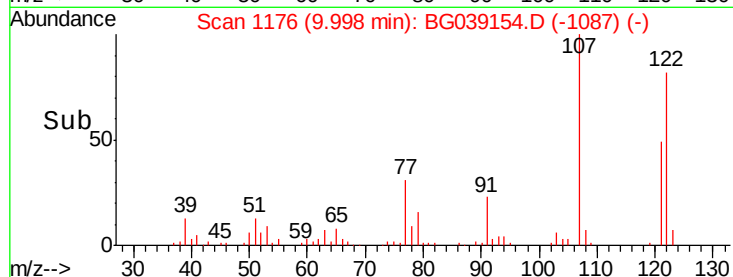
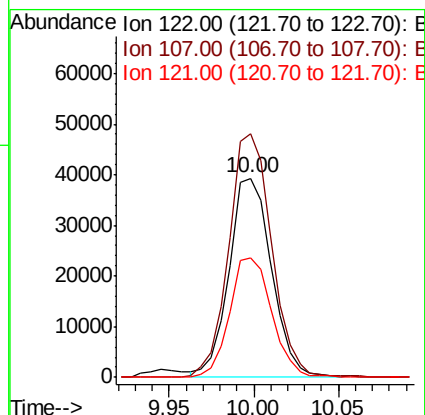
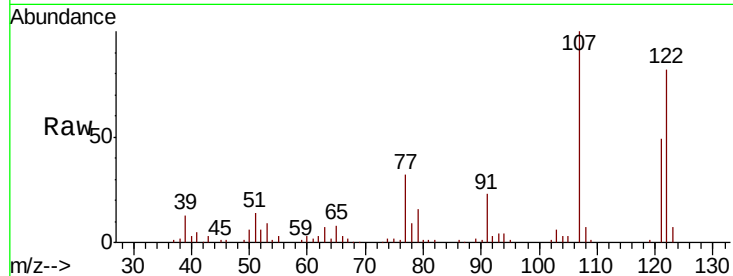




#27
2,4-Dimethylphenol
Concen: 47.974 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

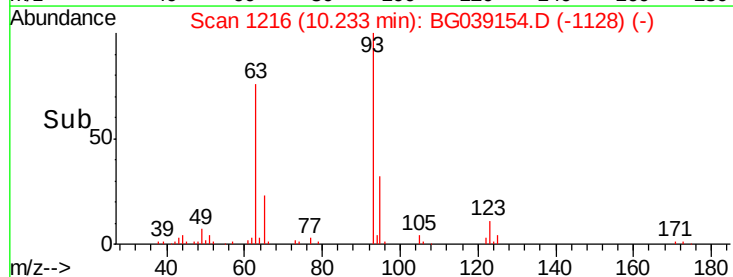
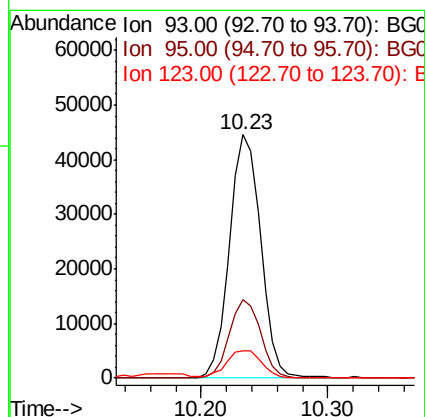
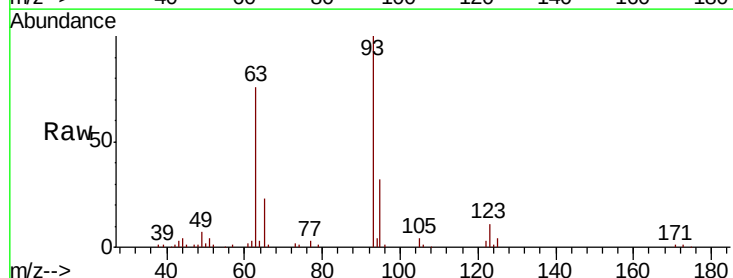
Instrument :
BNA_G
ClientSampleId :

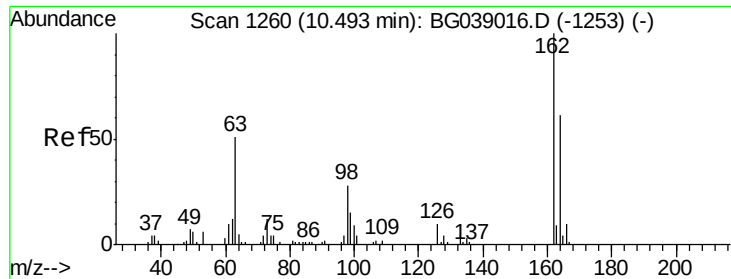
Tot Ion:122 Resp: 69072
Ion Ratio Lower Upper
122 100
107 122.3 88.8 133.2
121 59.9 43.1 64.7



#28
bis(2-Chloroethoxy)methane
Concen: 39.062 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion: 93 Resp: 75696
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 11.4 10.1 15.1

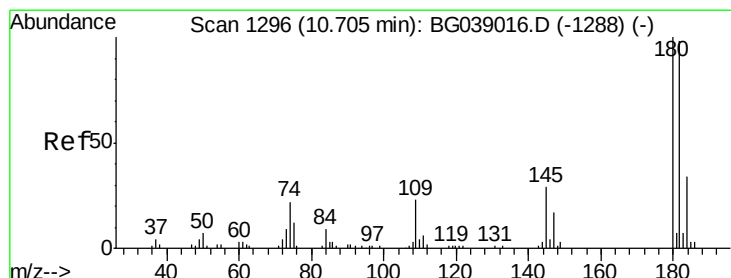
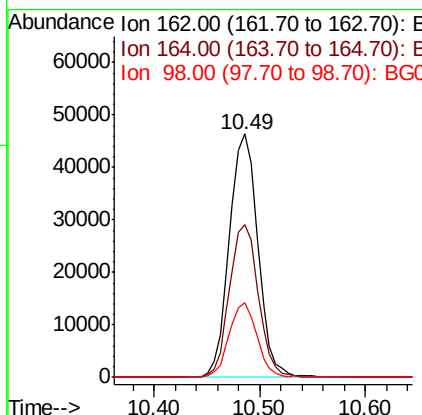
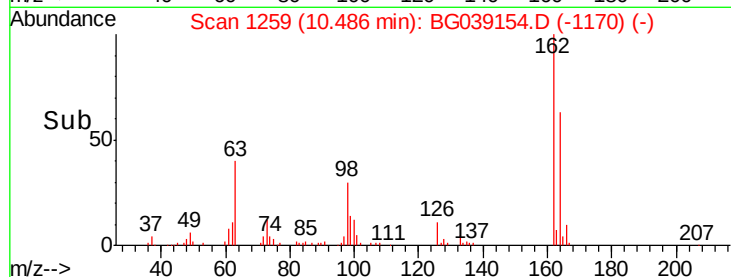
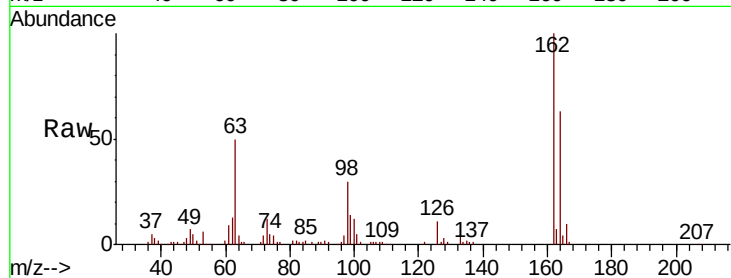




#29
 2,4-Dichlorophenol
 Concen: 48.623 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

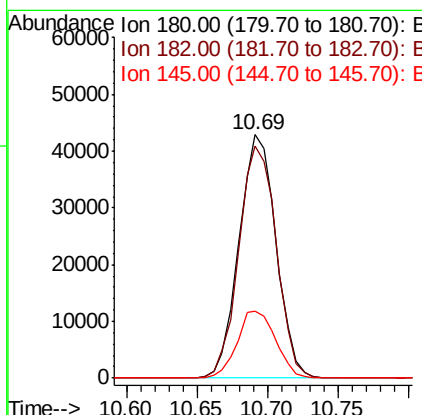
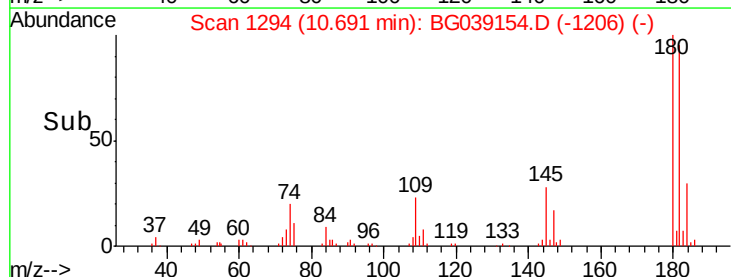
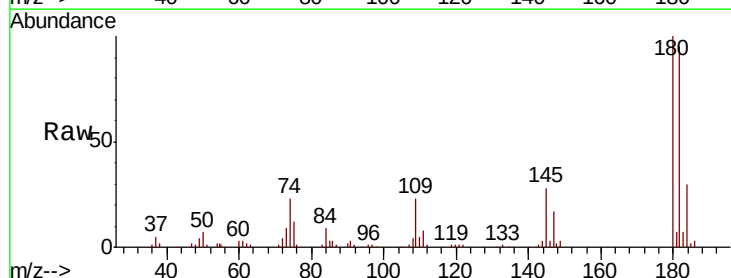
Instrument :
 BNA_G
 ClientSampleId :

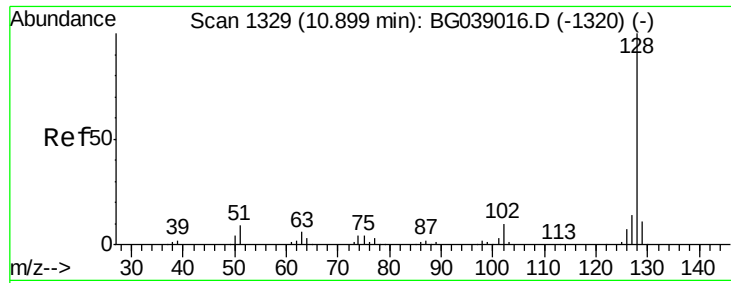
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.6	41.3	81.3
98	30.4	8.3	48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 36.645 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.1	117.1
145	27.8	23.1	34.7

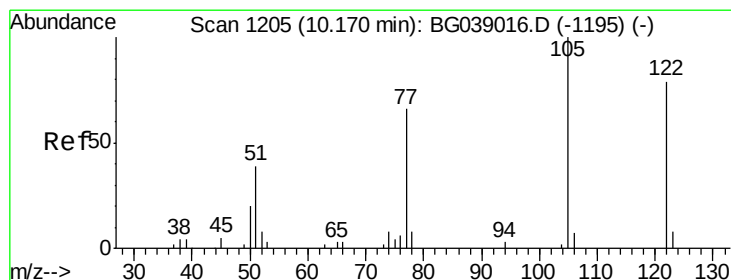
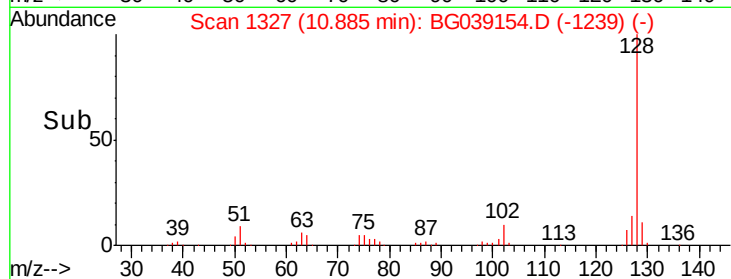
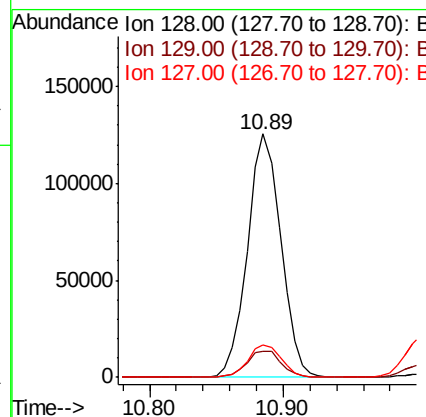
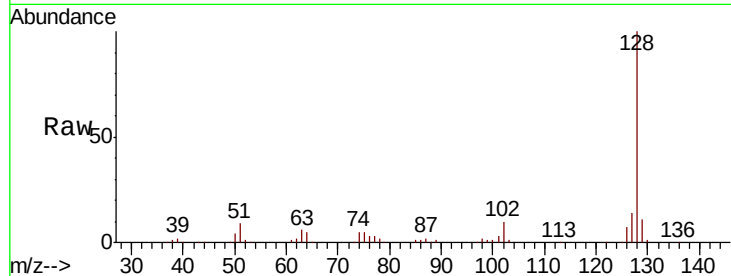




#31
Naphthalene
Concen: 42.184 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

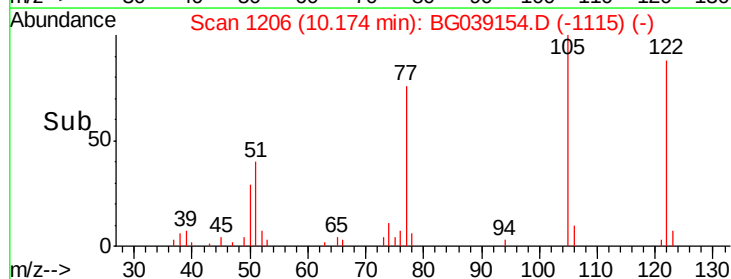
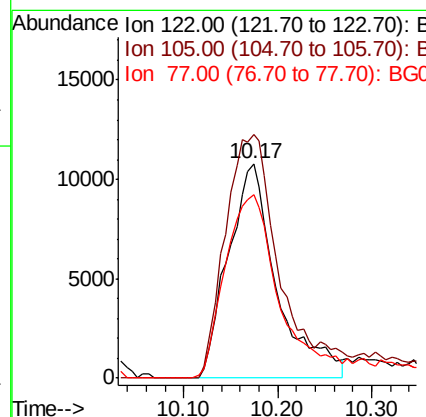
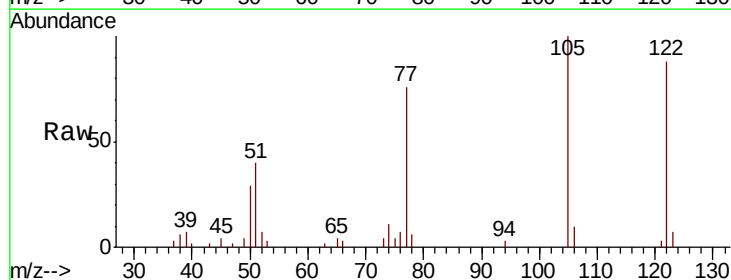
Instrument :
BNA_G
ClientSampleId :

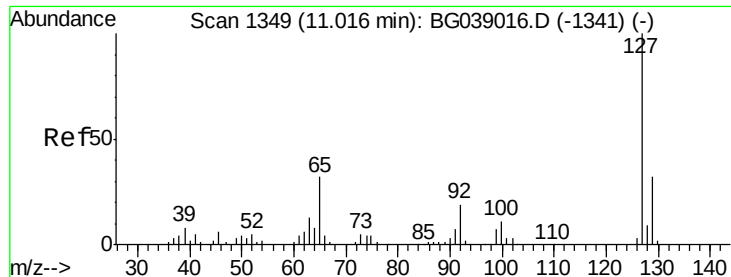
Tot Ion:128 Resp: 216704
Ion Ratio Lower Upper
128 100
129 10.5 9.1 13.7
127 13.6 11.2 16.8



#32
Benzoic acid
Concen: 44.664 ng
RT: 10.17 min Scan# 1206
Delta R.T. 0.00 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:122 Resp: 38826
Ion Ratio Lower Upper
122 100
105 113.7 106.4 146.4
77 85.9 63.6 103.6

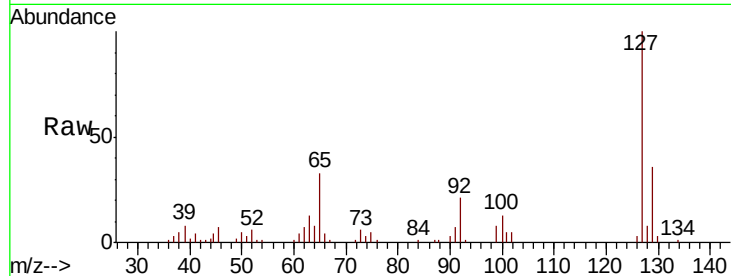




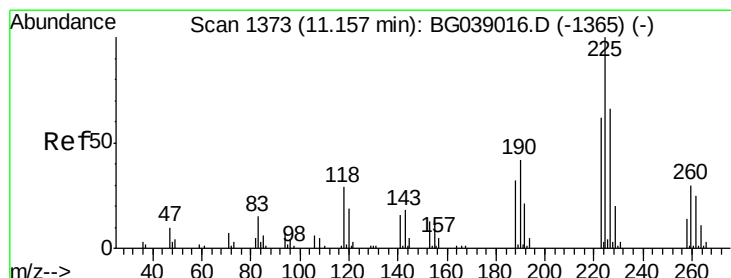
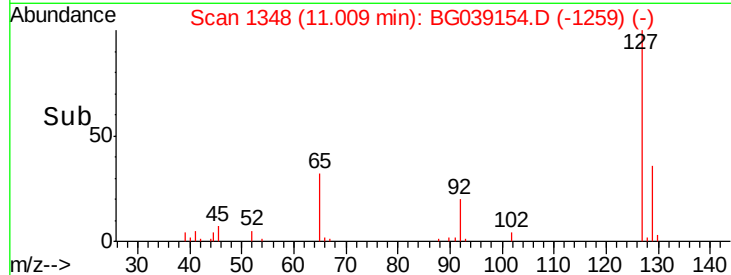
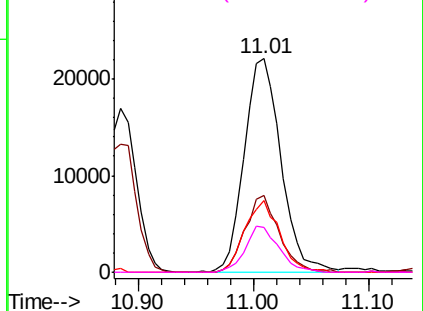
#33
4-Chloroaniline
Concen: 21.376 ng
RT: 11.01 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion:	127	Resp:	49136
Ion	Ratio	Lower	Upper
127	100		
129	35.8	25.4	38.0
65	33.3	25.4	38.0
92	20.8	15.2	22.8

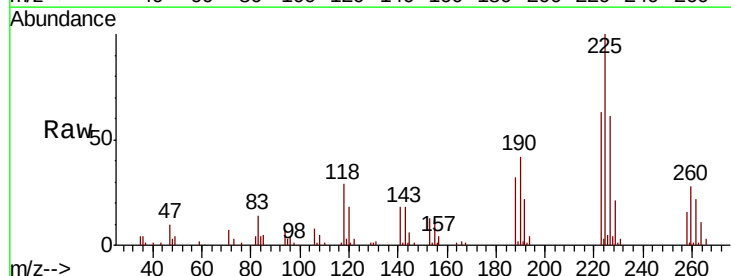


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGC
Ion 92.00 (91.70 to 92.70): BGC

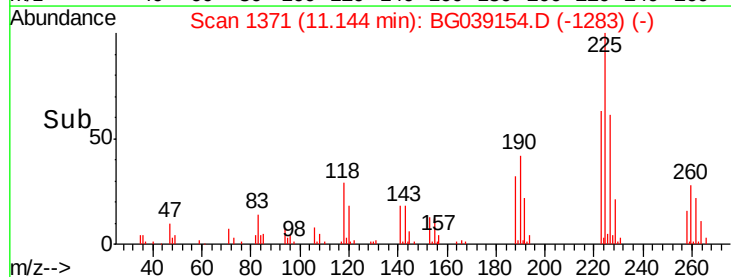
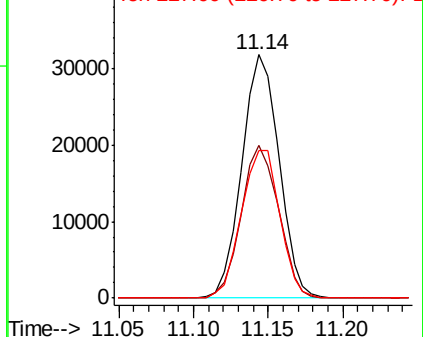


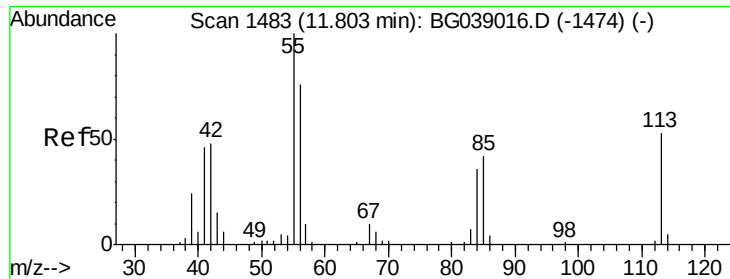
#34
Hexachlorobutadiene
Concen: 37.123 ng
RT: 11.14 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:	225	Resp:	54897
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.2	75.4
227	58.0	53.2	79.8



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: 18.918 ng

RT: 11.85 min Scan# 1492

Delta R.T. 0.05 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

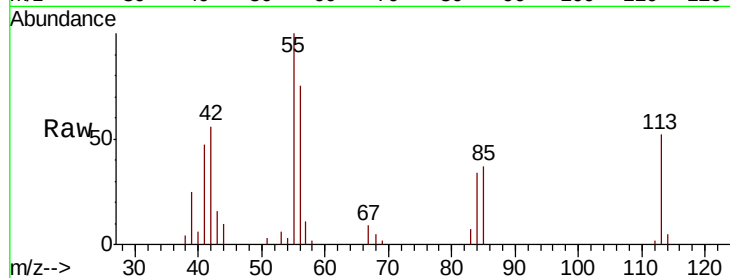
Tot Ion:113 Resp: 13569

Ion Ratio Lower Upper

113 100

55 191.4 168.6 208.6

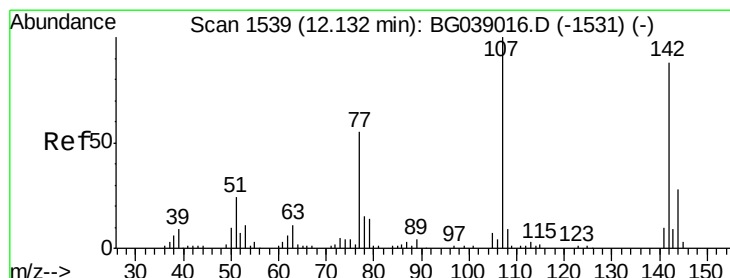
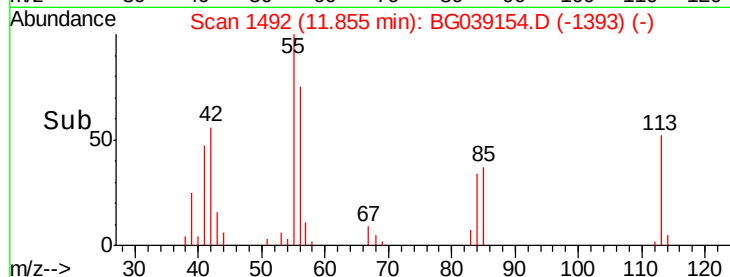
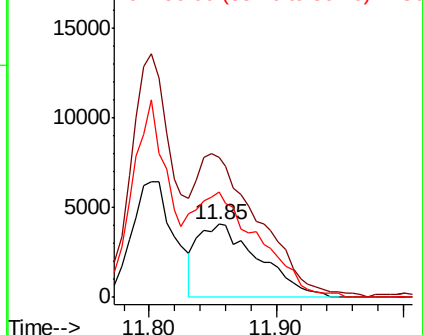
56 143.6 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 42.854 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

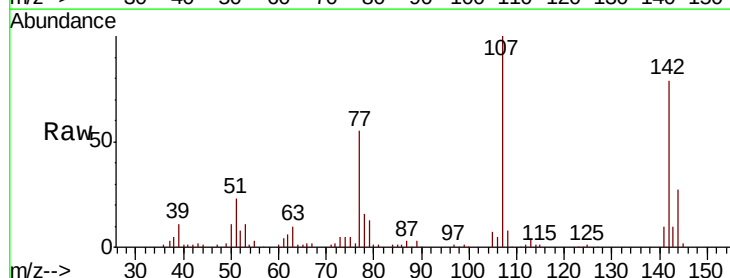
Tgt Ion:107 Resp: 81984

Ion Ratio Lower Upper

107 100

144 27.2 22.6 34.0

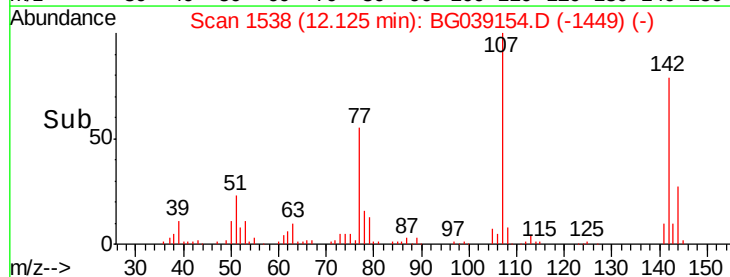
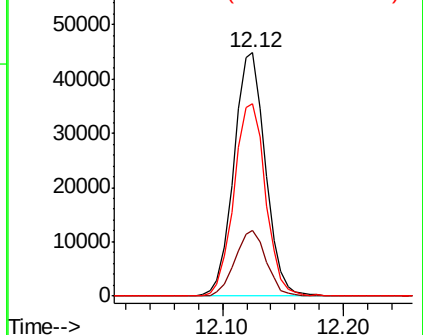
142 78.9 70.2 105.4

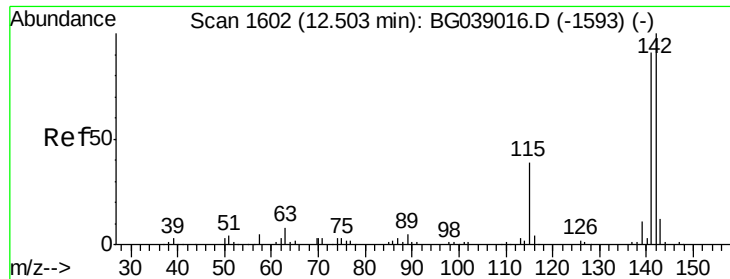


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

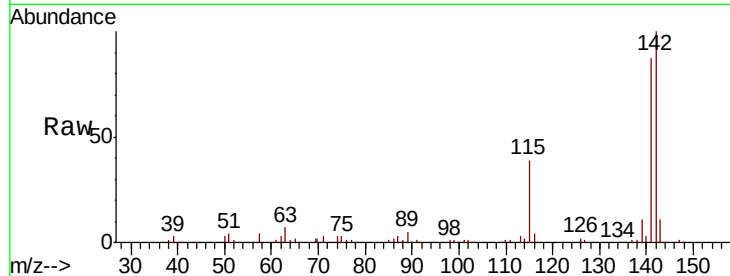




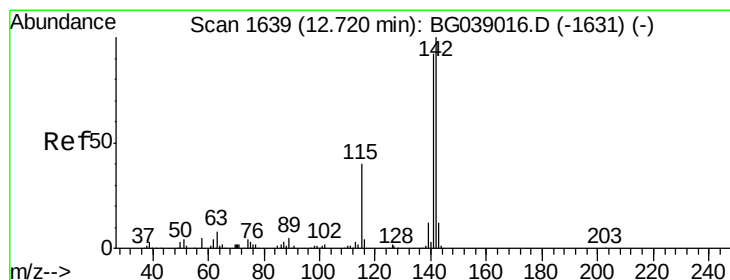
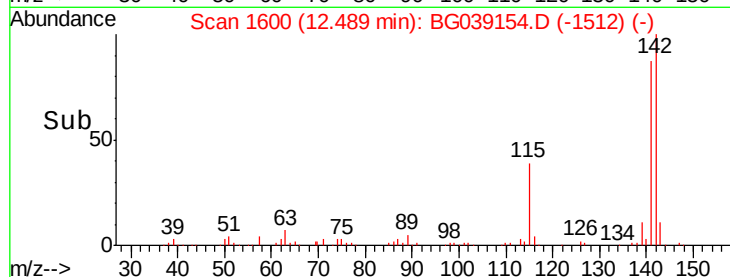
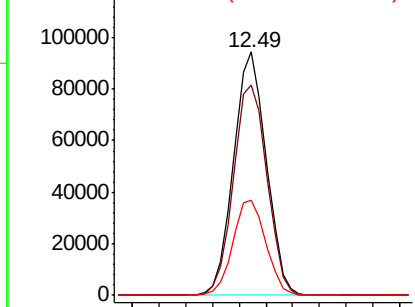
#37
 2-Methylnaphthalene
 Concen: 41.645 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:142 Resp: 160398
 Ion Ratio Lower Upper
 142 100
 141 86.6 72.6 109.0
 115 38.8 31.1 46.7

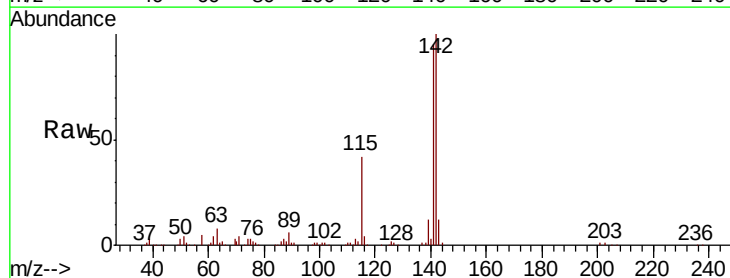


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

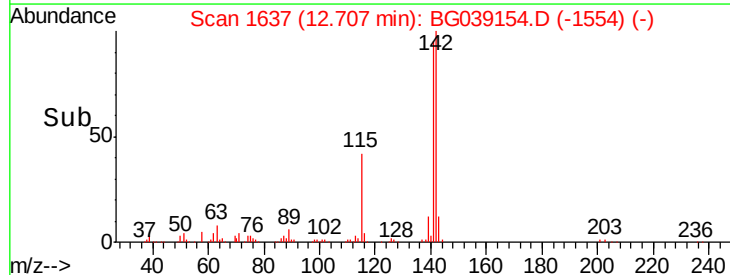
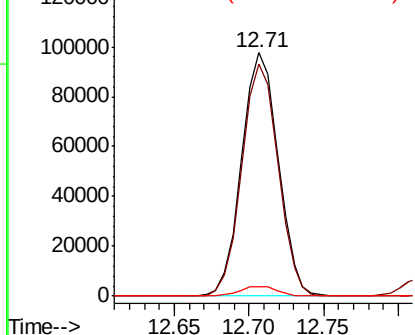


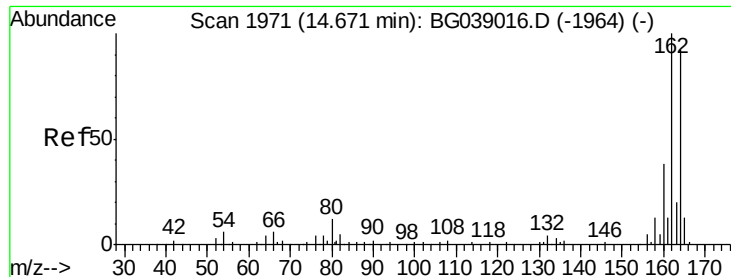
#38
 1-Methylnaphthalene
 Concen: 44.929 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion:142 Resp: 166097
 Ion Ratio Lower Upper
 142 100
 141 95.2 73.3 109.9
 116 3.9 3.1 4.7



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: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampled :

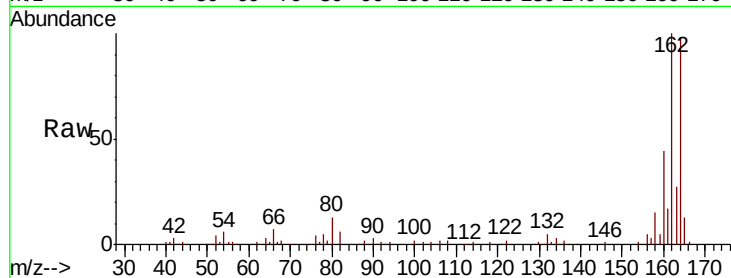
Tot Ion:164 Resp: 68684

Ion Ratio Lower Upper

164 100

162 102.2 87.2 130.8

160 44.9 33.3 49.9

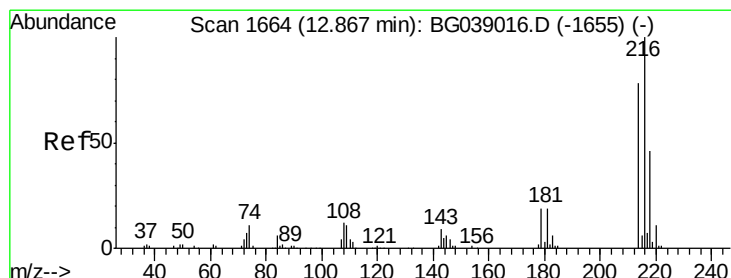
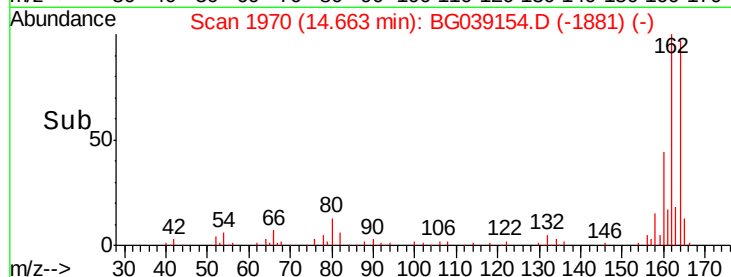
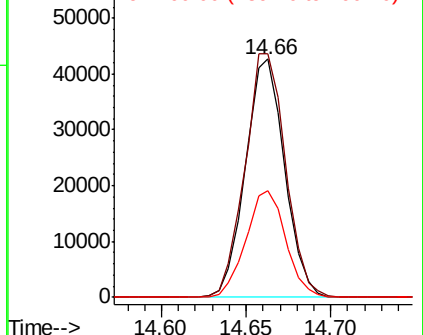


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.240 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Tgt Ion:216 Resp: 103798

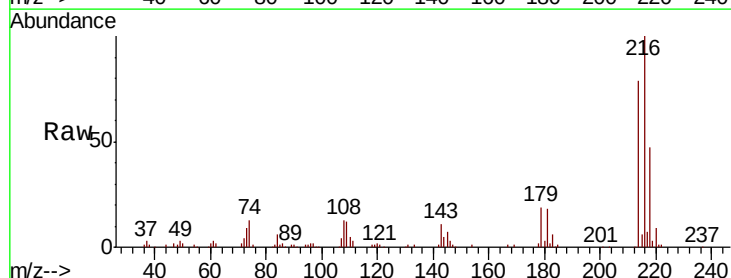
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 19.7 15.5 23.3

108 16.4 11.4 17.2



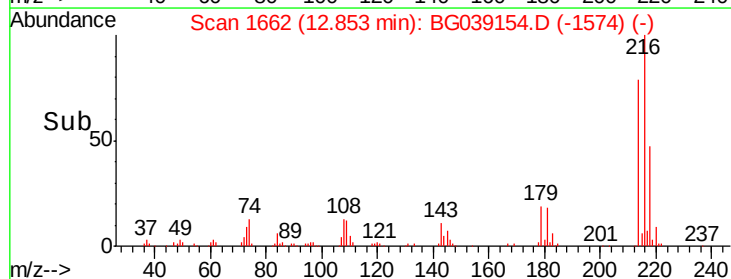
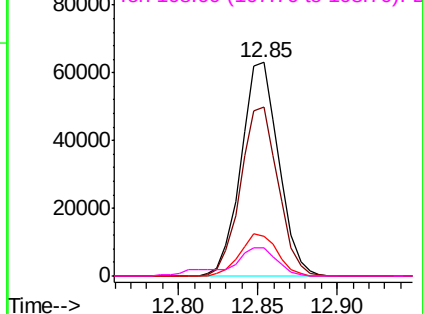
Abundance

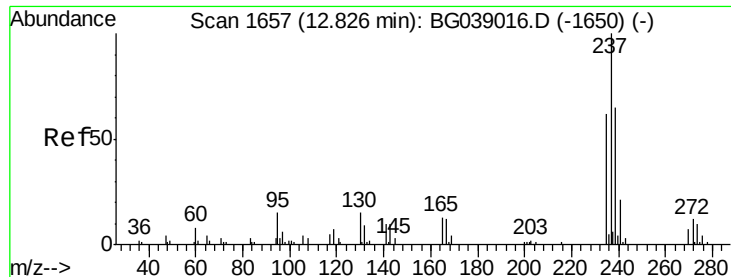
Ion 216.00 (215.70 to 216.70): E

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: 81.614 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

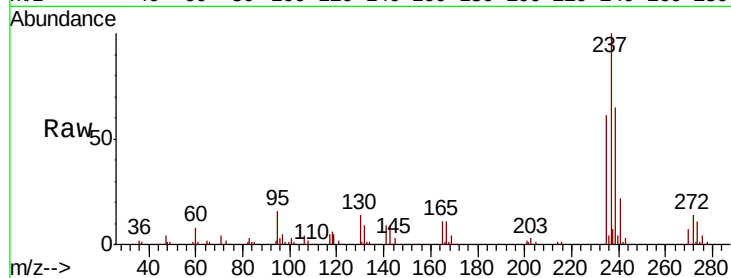
Tot Ion:237 Resp: 118748

Ion Ratio Lower Upper

237 100

235 60.9 41.7 81.7

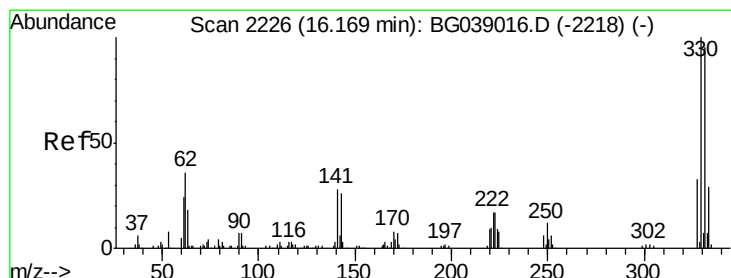
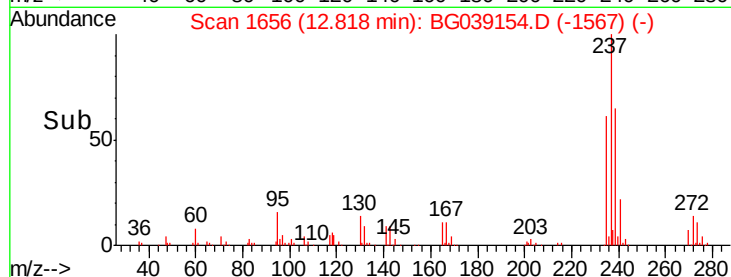
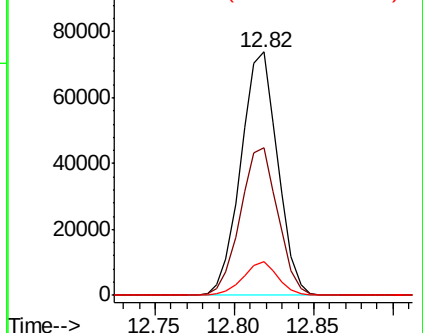
272 13.6 0.0 32.1



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: 151.967 ng

RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

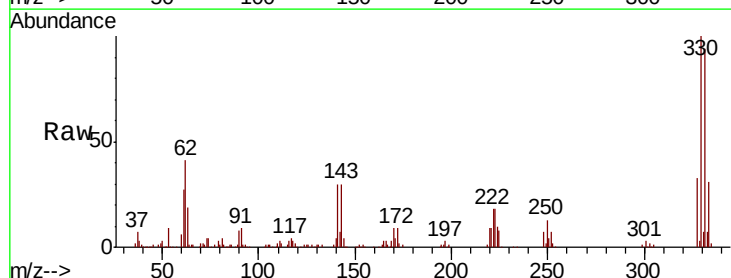
Tgt Ion:330 Resp: 174965

Ion Ratio Lower Upper

330 100

332 95.6 75.7 113.5

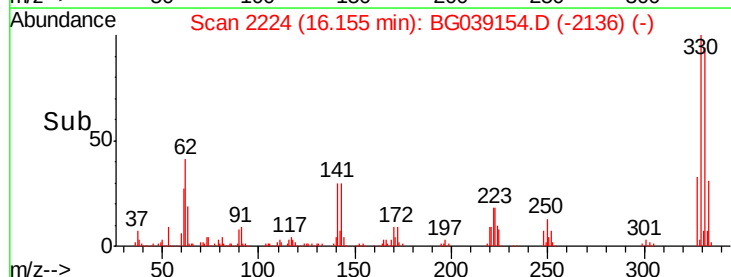
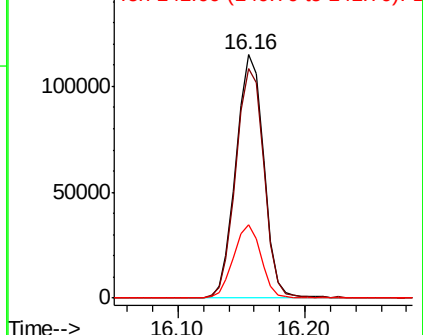
141 29.9 24.9 37.3

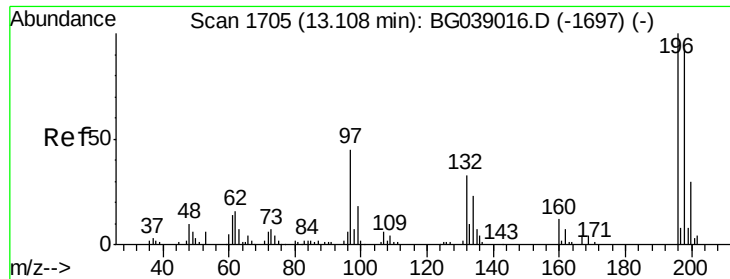


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

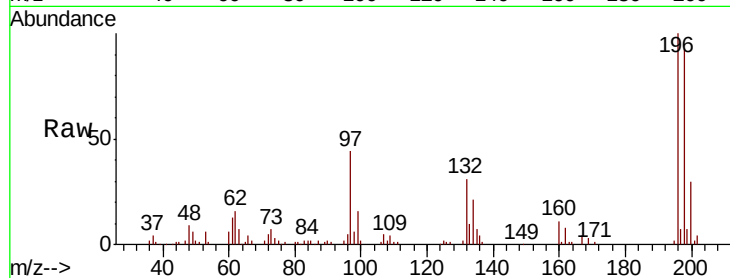




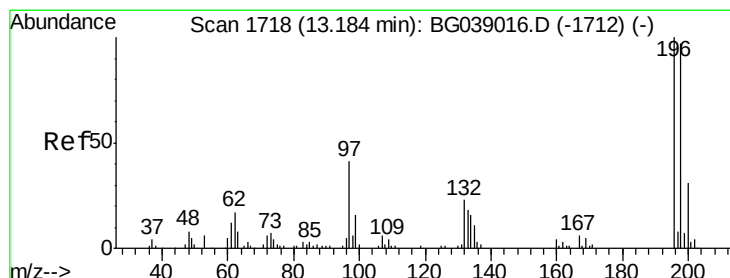
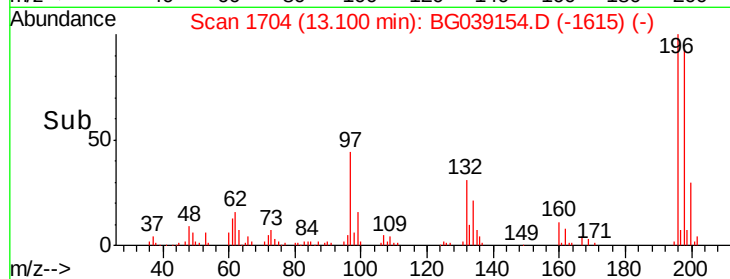
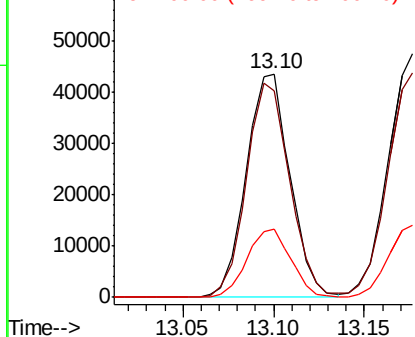
#43
 2,4,6-Trichlorophenol
 Concen: 44.978 ng
 RT: 13.10 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:196 Resp: 73020
 Ion Ratio Lower Upper
 196 100
 198 92.7 74.5 111.7
 200 30.3 23.8 35.6

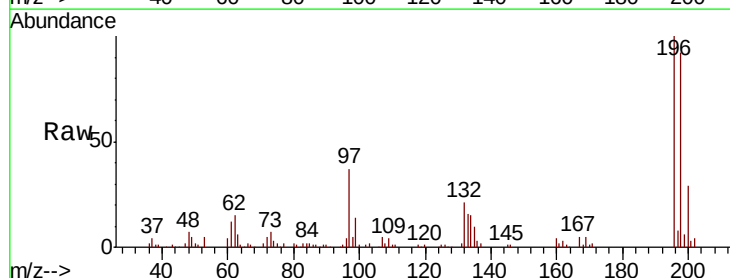


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

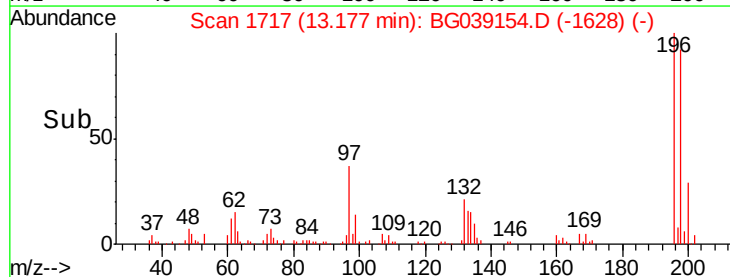
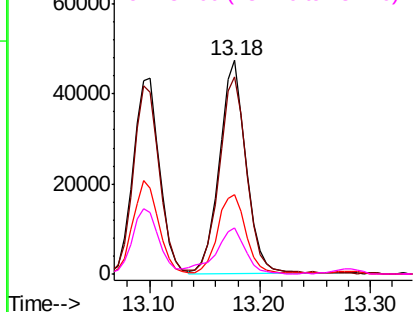


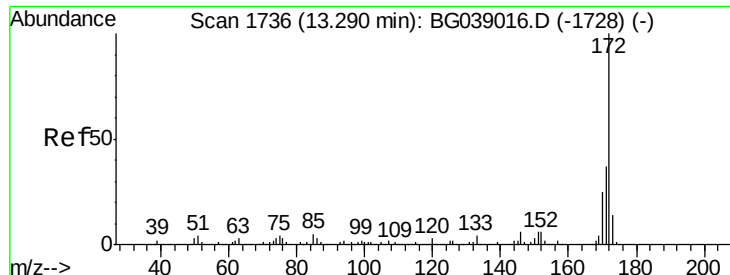
#44
 2,4,5-Trichlorophenol
 Concen: 46.299 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion:196 Resp: 79443
 Ion Ratio Lower Upper
 196 100
 198 92.1 78.1 117.1
 97 37.3 33.2 49.8
 132 21.4 18.2 27.4



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

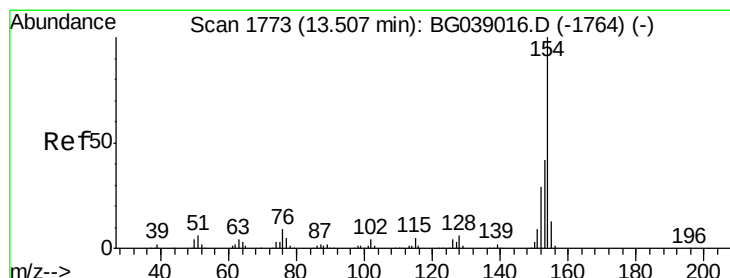
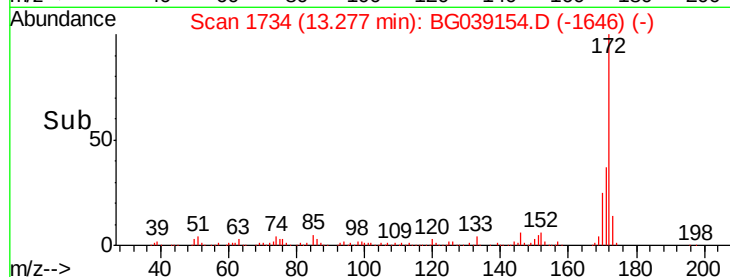
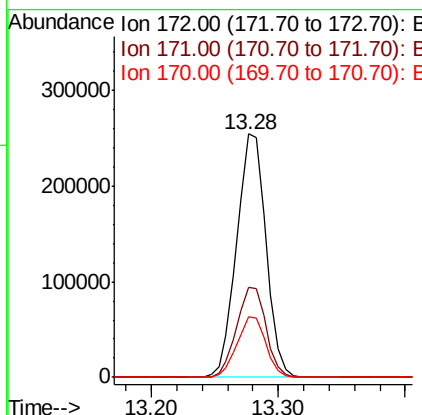
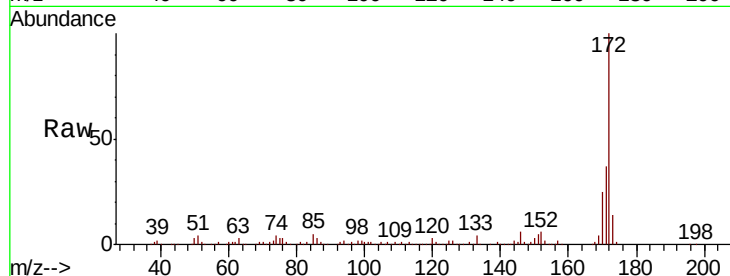




#45
 2-Fluorobiphenyl
 Concen: 81.129 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

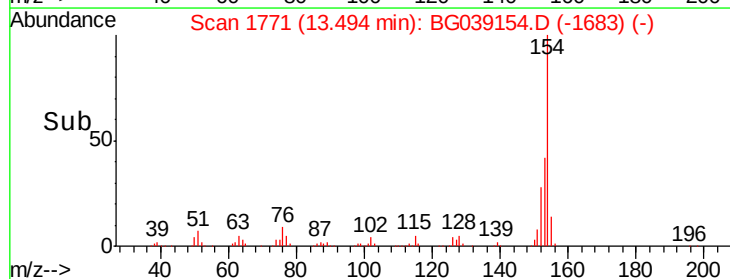
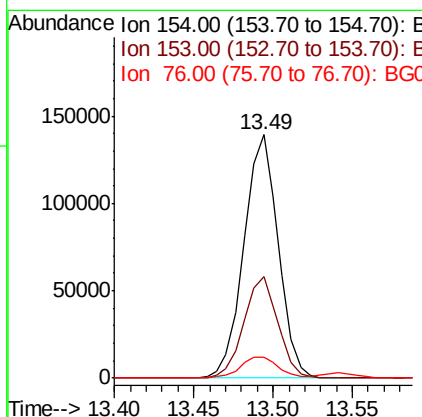
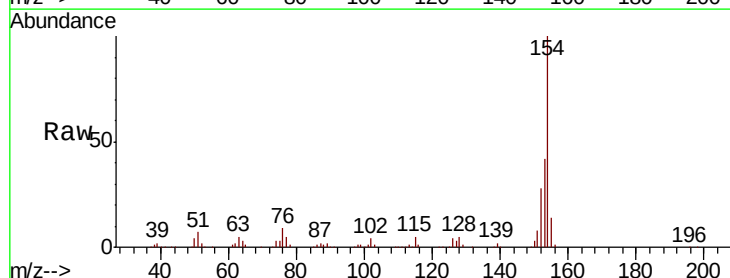
Instrument :
 BNA_G
 ClientSampleId :

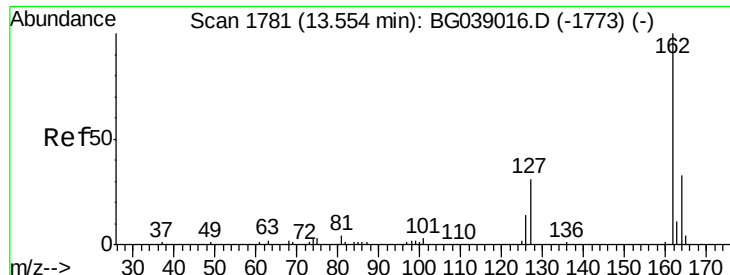
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.8	20.1	30.1



#46
 1,1'-Biphenyl
 Concen: 38.321 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	22.4	62.4
76	8.7	0.0	29.4

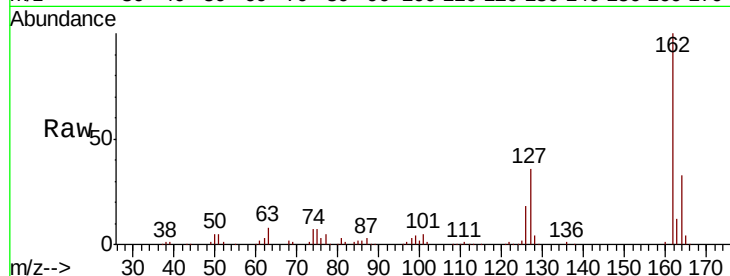




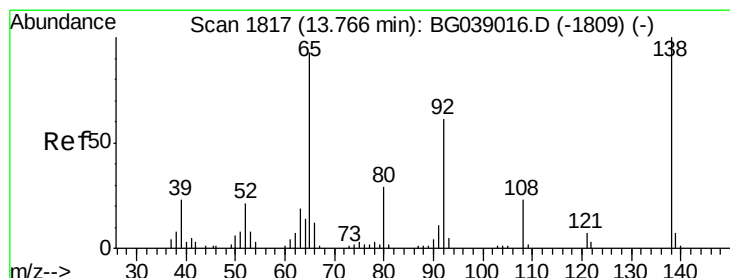
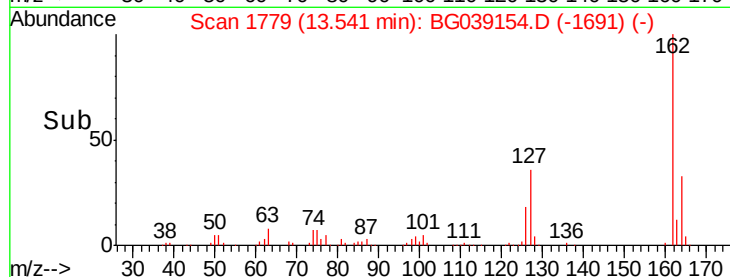
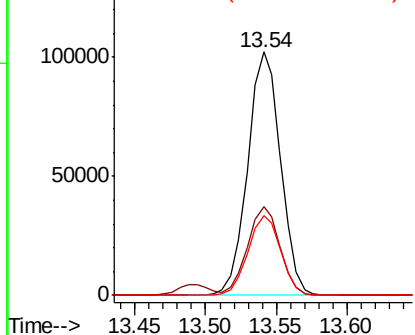
#47
2-Chloronaphthalene
Concen: 37.882 ng
RT: 13.54 min Scan# 1779
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:162 Resp: 166838
Ion Ratio Lower Upper
162 100
127 36.4 28.4 42.6
164 32.7 26.3 39.5

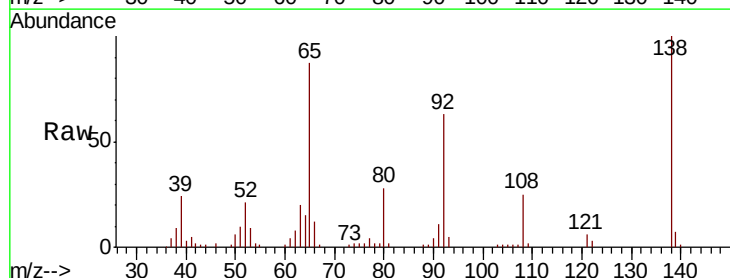


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

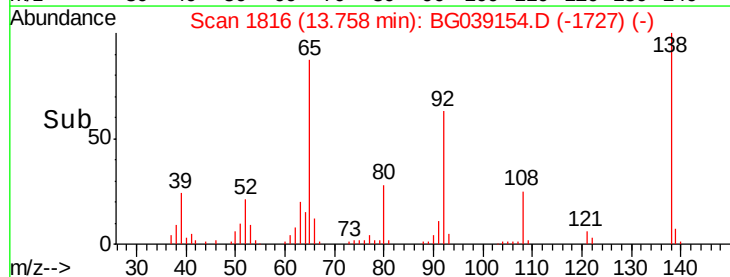
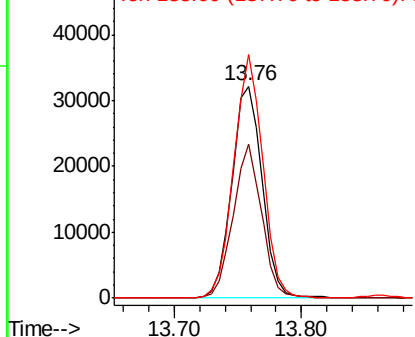


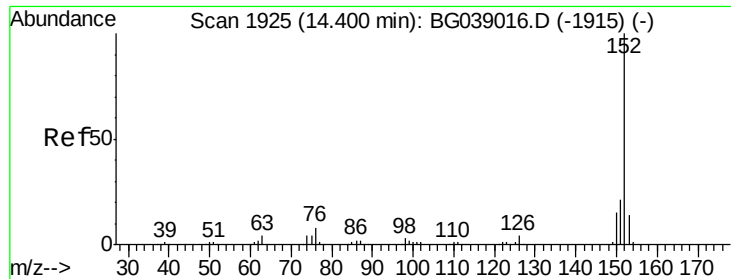
#48
2-Nitroaniline
Concen: 42.722 ng
RT: 13.76 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion: 65 Resp: 52711
Ion Ratio Lower Upper
65 100
92 72.7 52.2 78.4
138 114.8 86.0 129.0



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: 42.235 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

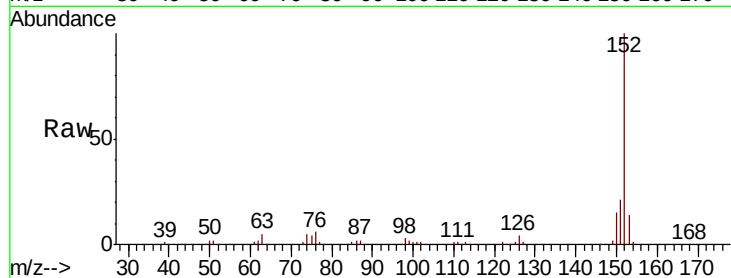
Tot Ion:152 Resp: 279582

Ion Ratio Lower Upper

152 100

151 20.9 17.0 25.4

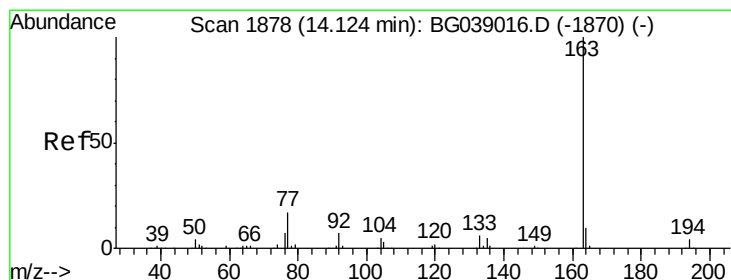
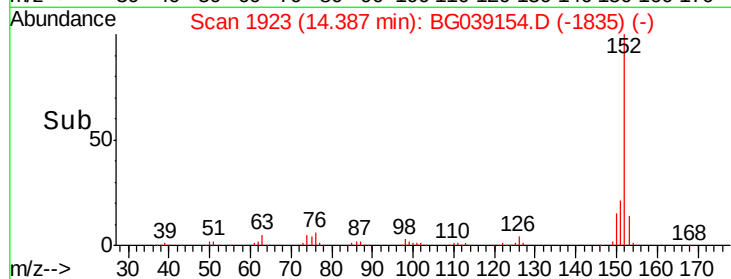
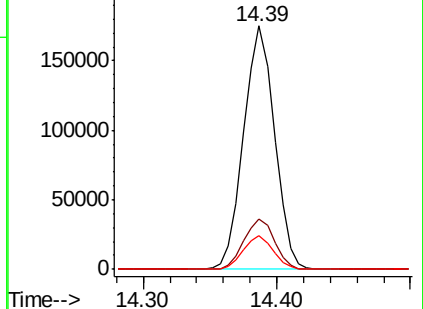
153 13.6 11.2 16.8



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: 42.317 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

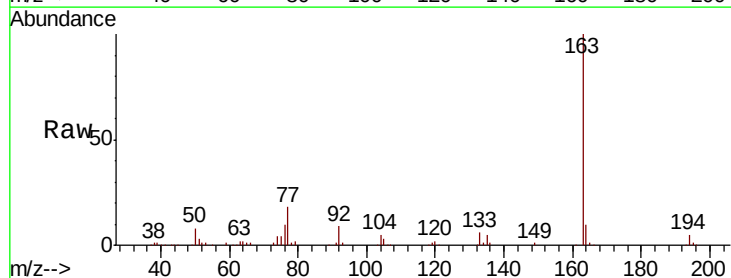
Tgt Ion:163 Resp: 245615

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

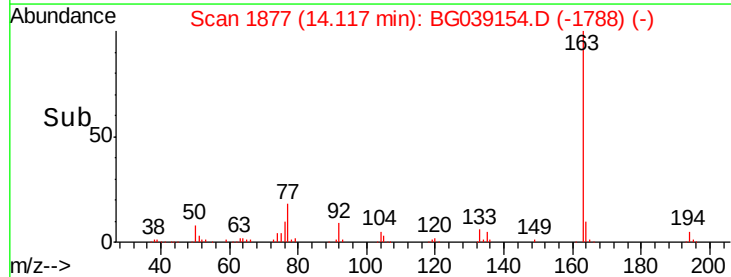
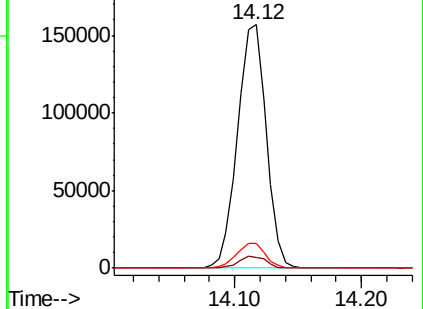
164 10.0 8.2 12.2

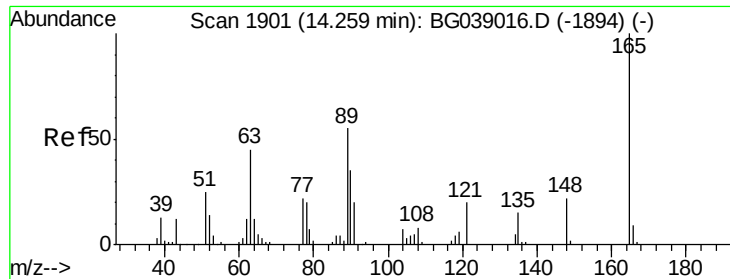


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.469 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampled :

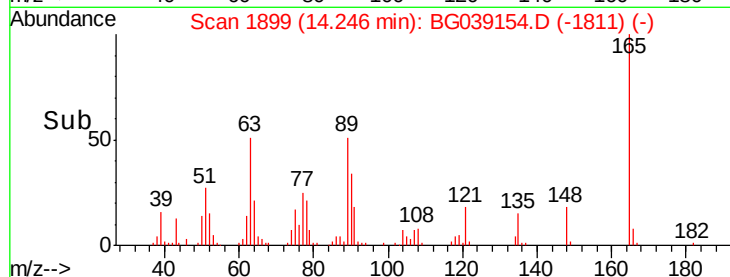
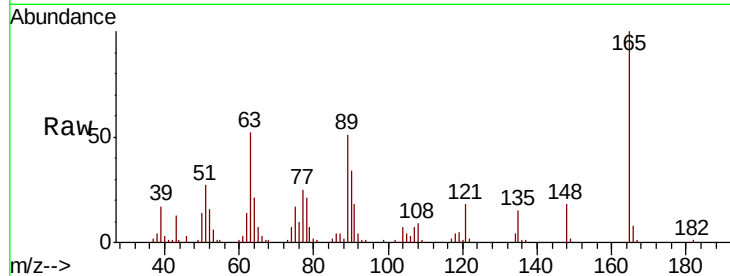
Tot Ion:165 Resp: 55110

Ion Ratio Lower Upper

165 100

63 51.9 43.6 65.4

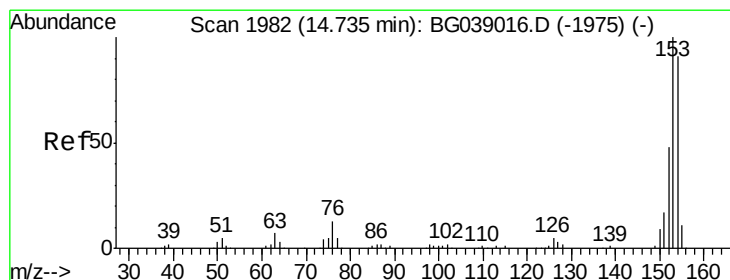
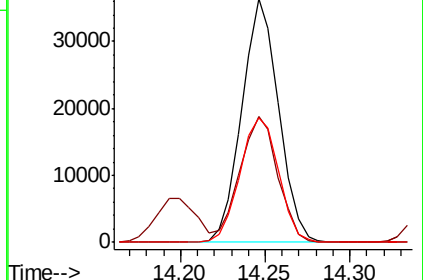
89 51.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 38.875 ng

RT: 14.73 min Scan# 1981

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

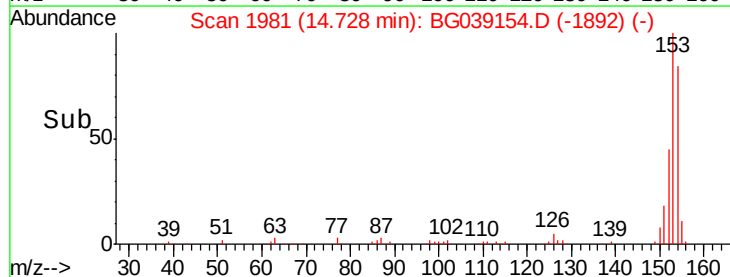
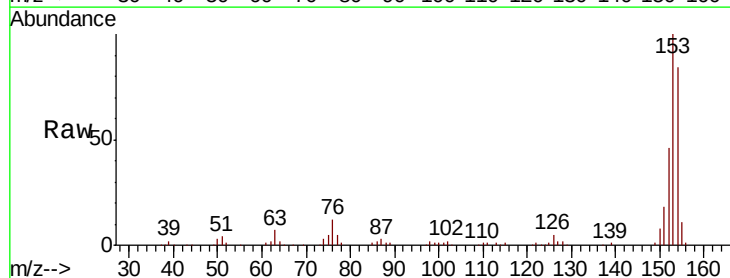
Tgt Ion:154 Resp: 154613

Ion Ratio Lower Upper

154 100

153 119.5 87.9 131.9

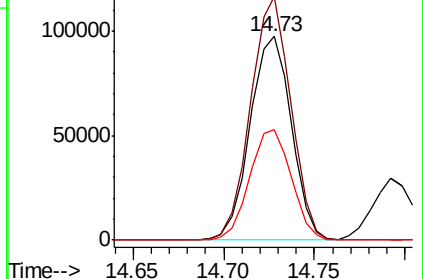
152 54.5 42.2 63.2

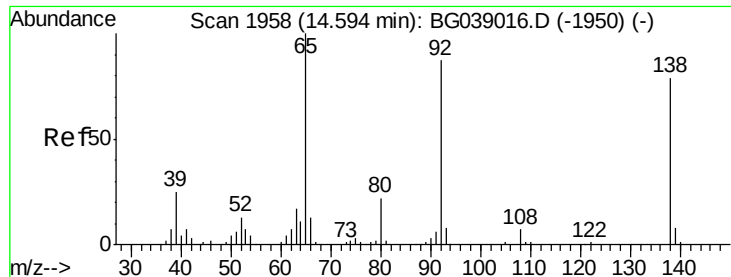


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 29.151 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

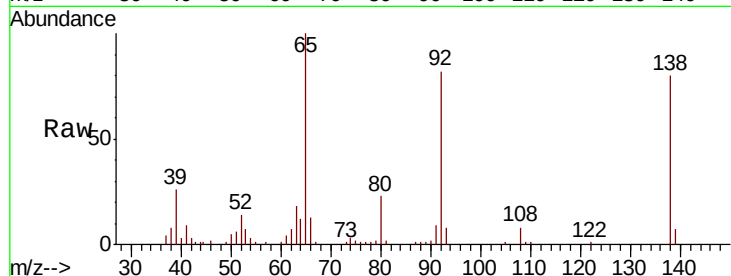
Tot Ion:138 Resp: 38374

Ion Ratio Lower Upper

138 100

108 10.4 7.4 11.0

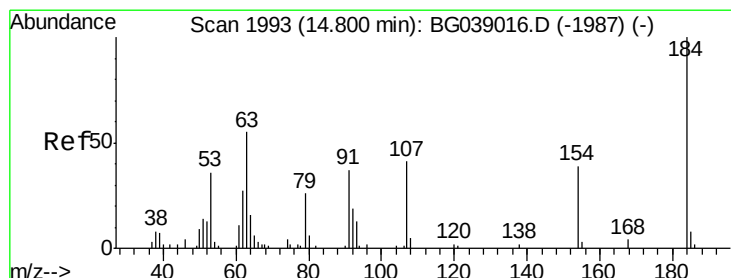
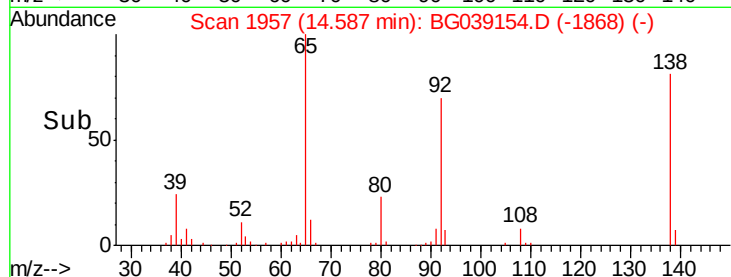
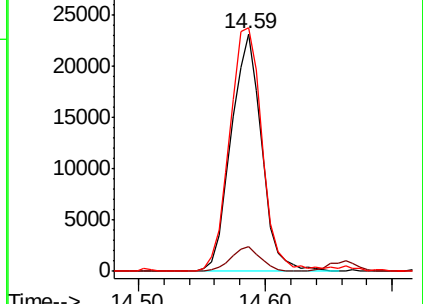
92 102.4 88.2 132.4



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: 95.939 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

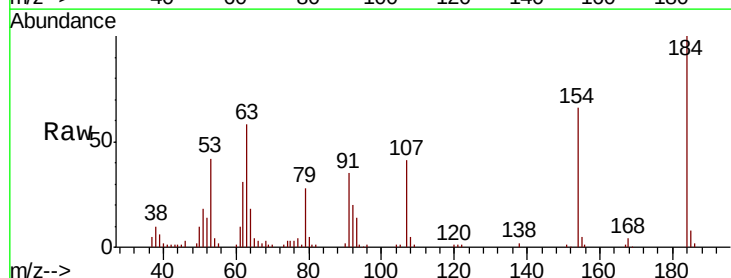
Tgt Ion:184 Resp: 75325

Ion Ratio Lower Upper

184 100

63 57.9 44.0 66.0

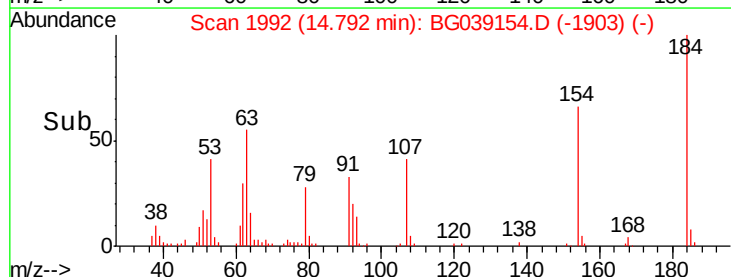
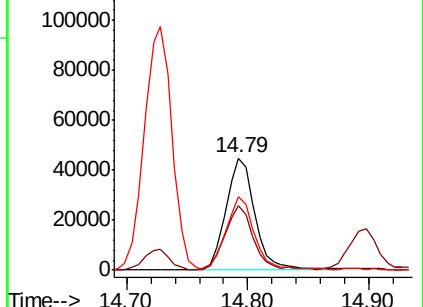
154 65.6 46.1 69.1

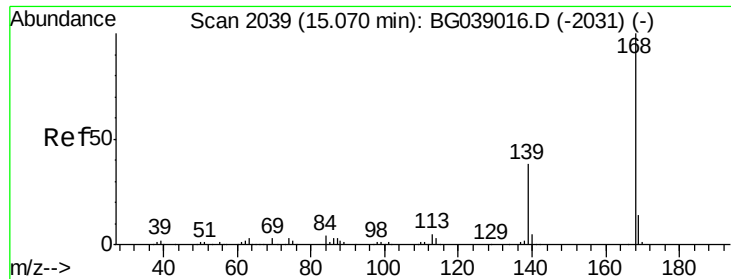


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

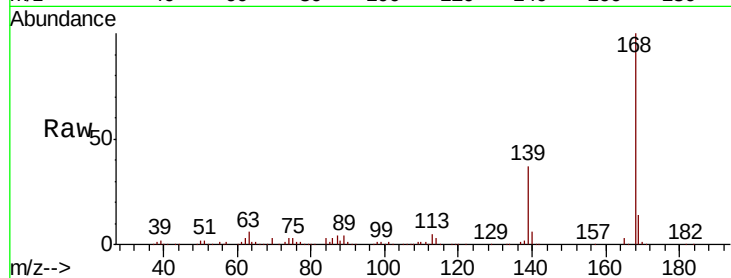




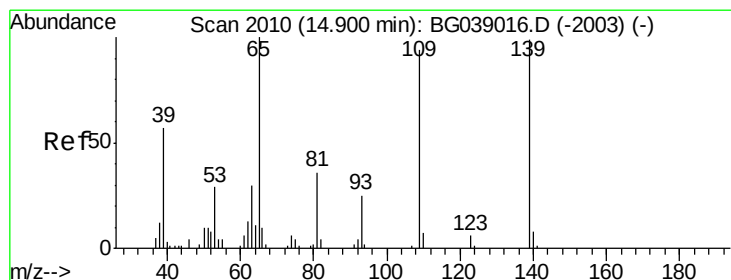
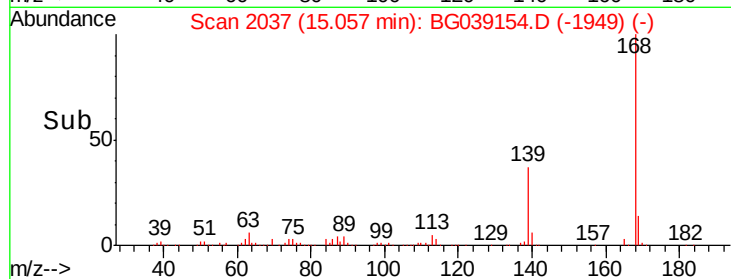
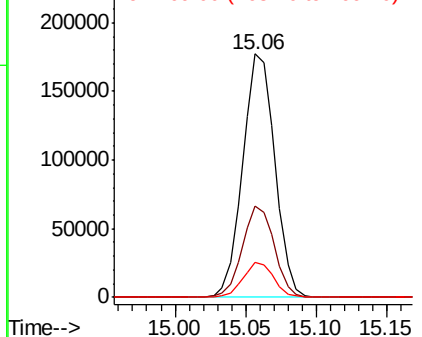
#55
Dibenzenofuran
Concen: 40.262 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 282810
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 14.2 10.9 16.3

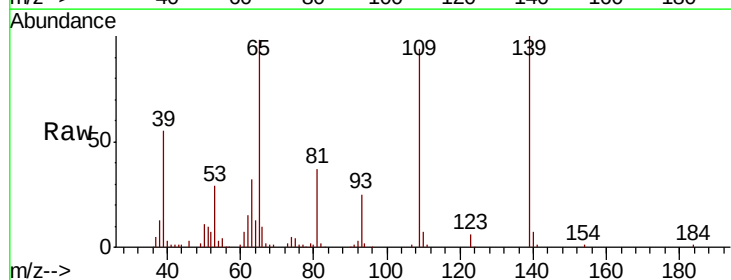


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

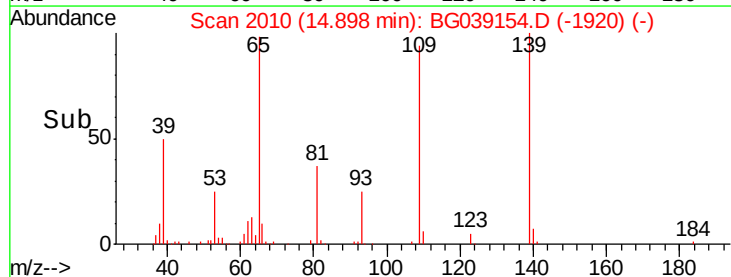
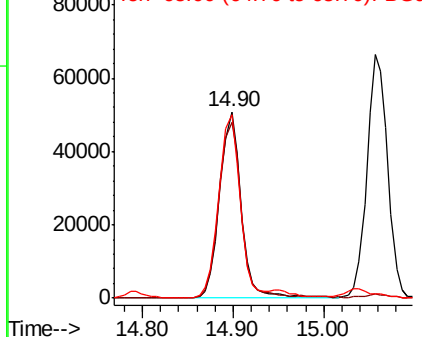


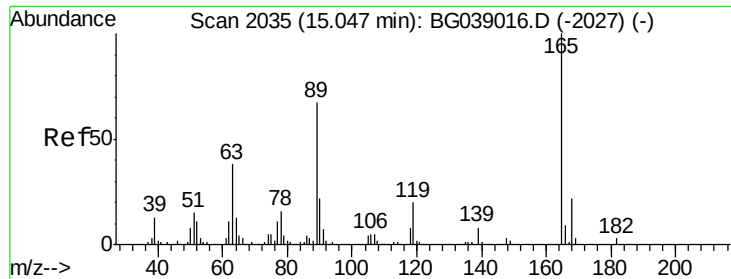
#56
4-Nitrophenol
Concen: 88.802 ng
RT: 14.90 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:139 Resp: 84111
Ion Ratio Lower Upper
139 100
109 94.2 75.6 115.6
65 98.3 81.2 121.2



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

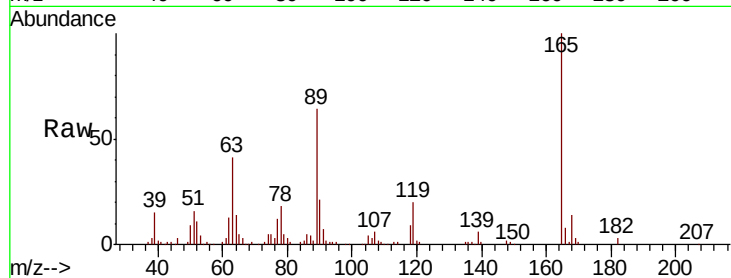




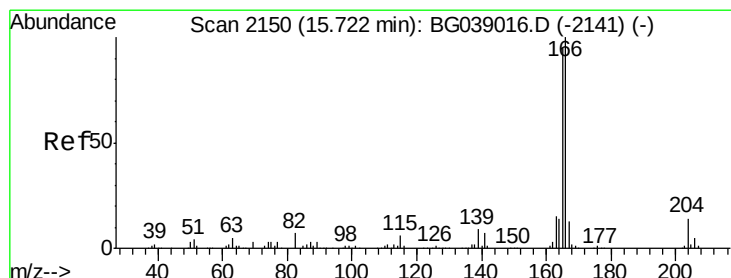
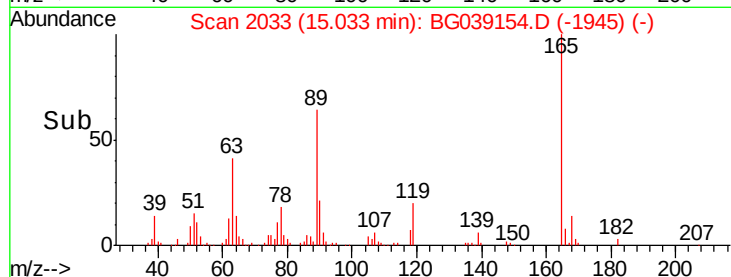
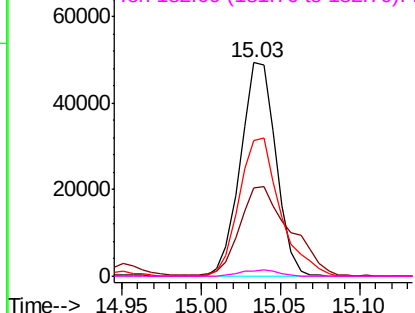
#57
 2,4-Dinitrotoluene
 Concen: 41.297 ng
 RT: 15.03 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	41.3	30.2	45.4
89	63.5	53.2	79.8
182	2.7	2.7	4.1#

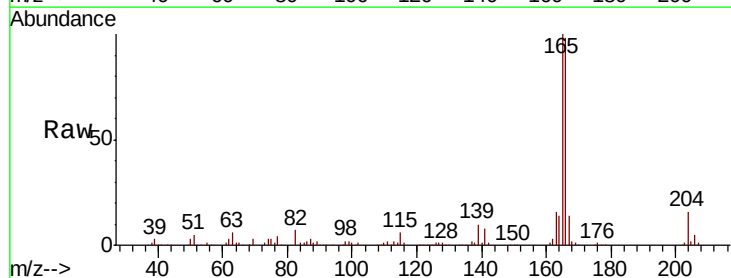


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

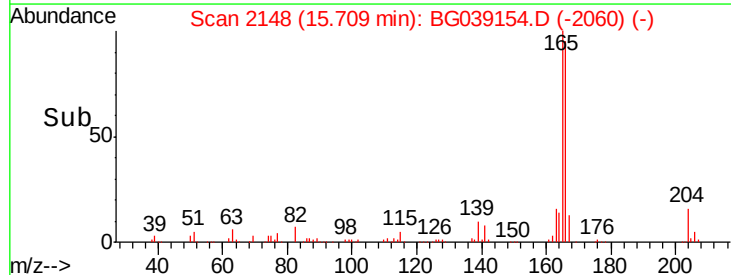
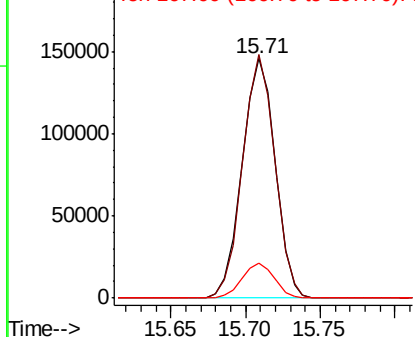


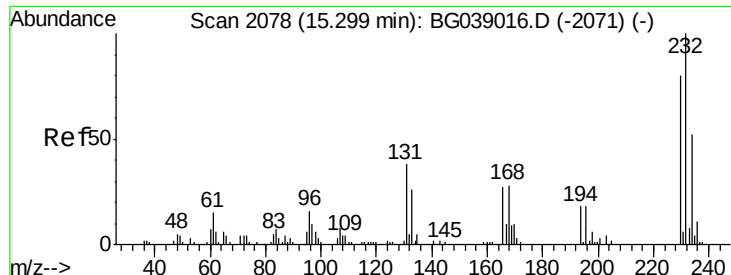
#58
 Fluorene
 Concen: 42.257 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.6	76.2	114.2
167	14.3	10.6	16.0



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

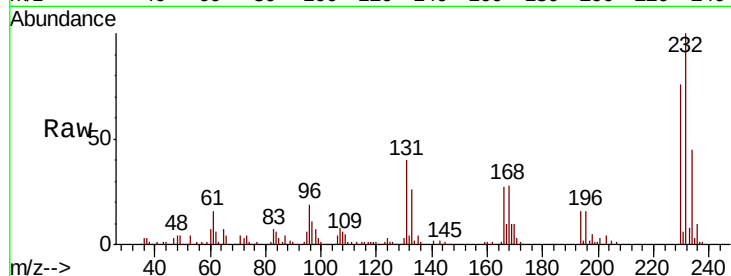




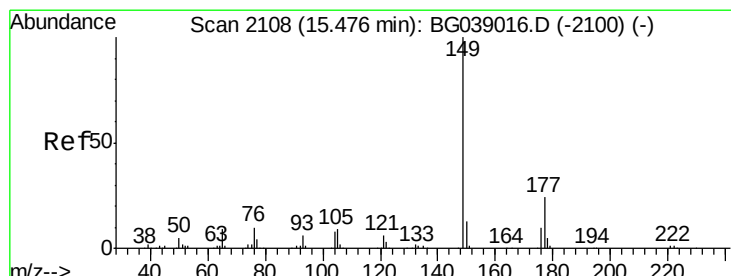
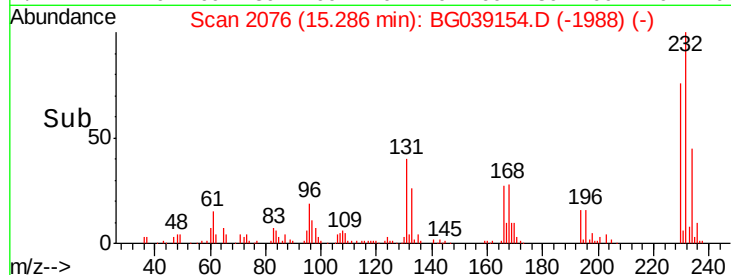
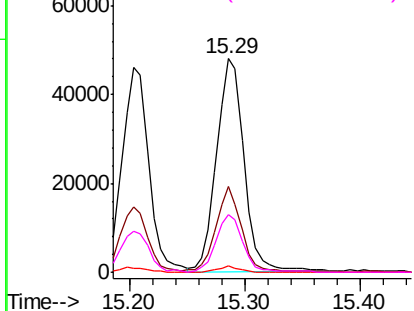
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.656 ng
RT: 15.29 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampleId :

Tot Ion:232 Resp: 78809
Ion Ratio Lower Upper
232 100
131 38.4 30.9 46.3
130 2.2 1.9 2.9
166 26.7 22.1 33.1

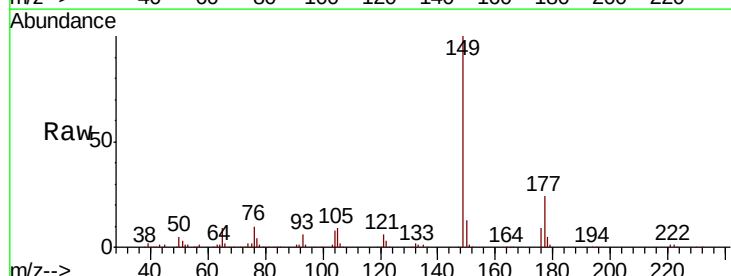


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

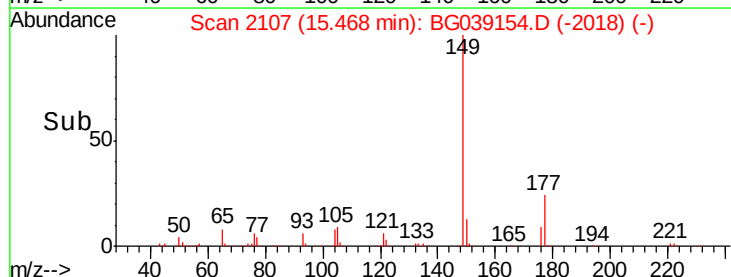
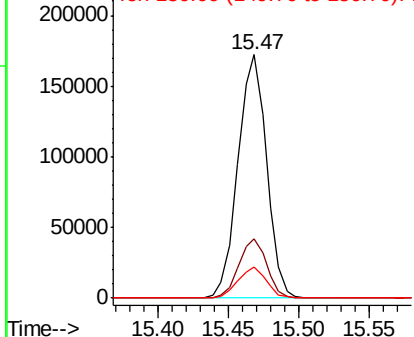


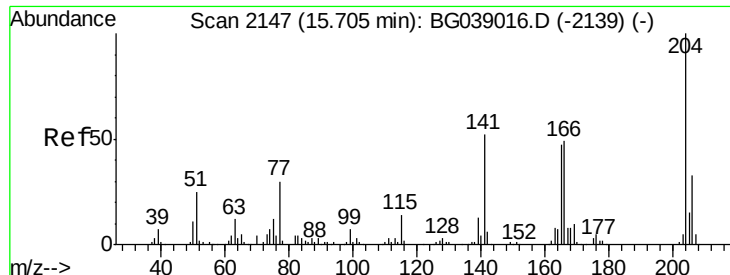
#60
Diethylphthalate
Concen: 40.772 ng
RT: 15.47 min Scan# 2107
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:149 Resp: 243816
Ion Ratio Lower Upper
149 100
177 24.2 19.0 28.6
150 12.6 10.2 15.4



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

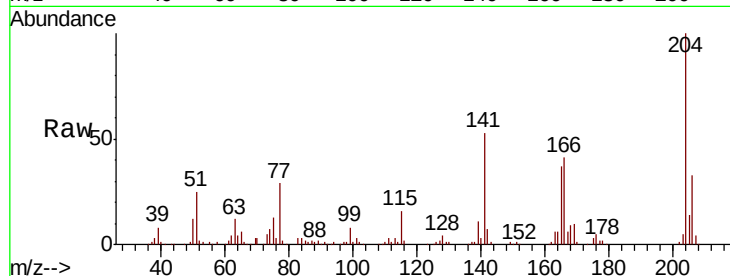




#61
 4-Chlorophenyl-phenylether
 Concen: 38.445 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.6	39.8
141	52.7	41.4	62.0

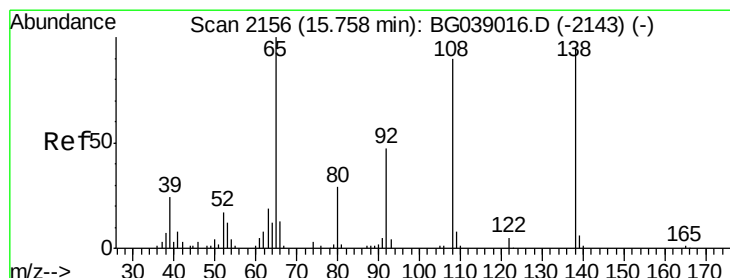
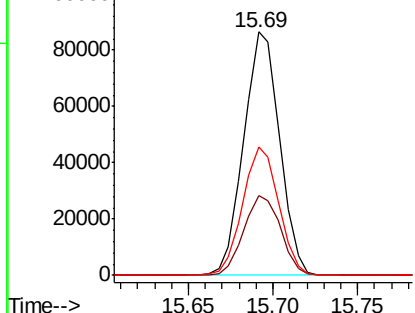
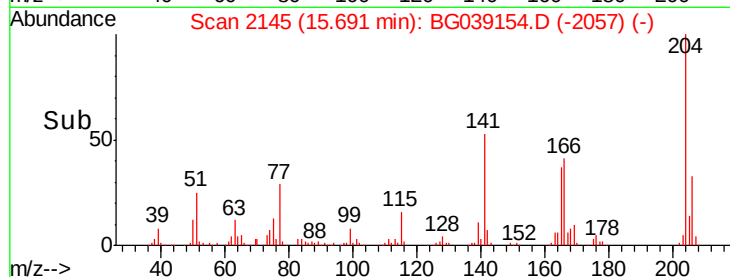


Abundance

Ion 204.00 (203.70 to 204.70): E

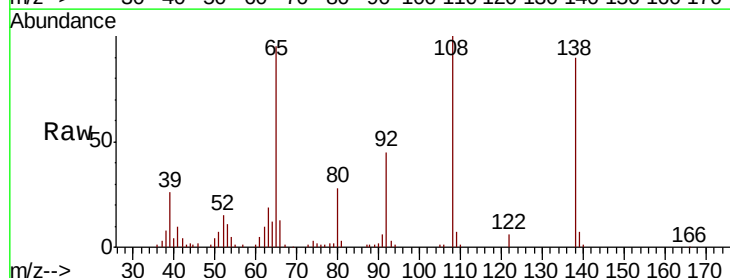
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 38.126 ng
 RT: 15.75 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	29.7	69.7
108	111.5	75.7	115.7

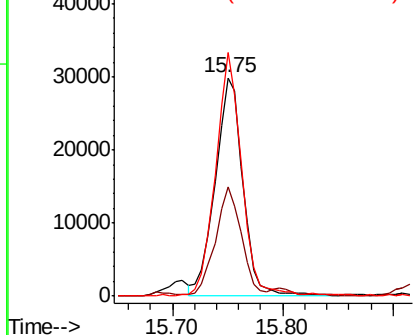
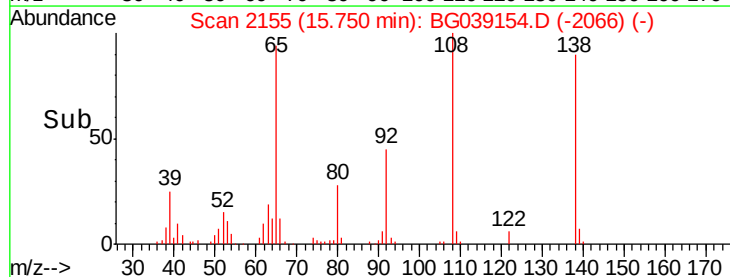


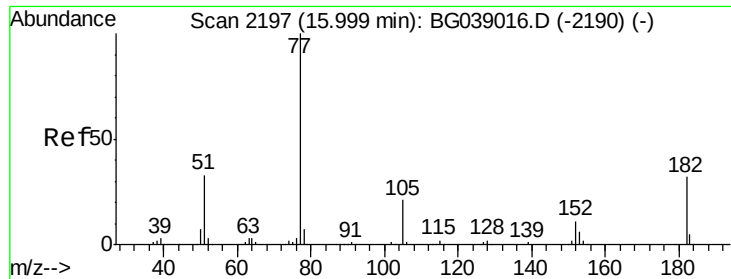
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.792 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 181409

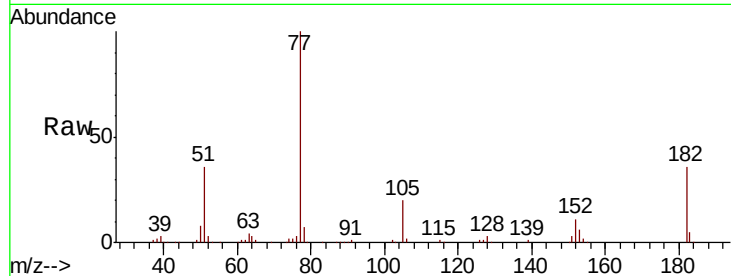
Ion Ratio Lower Upper

77 100

182 35.5 12.2 52.2

105 20.0 1.2 41.2

51 35.5 13.4 53.4

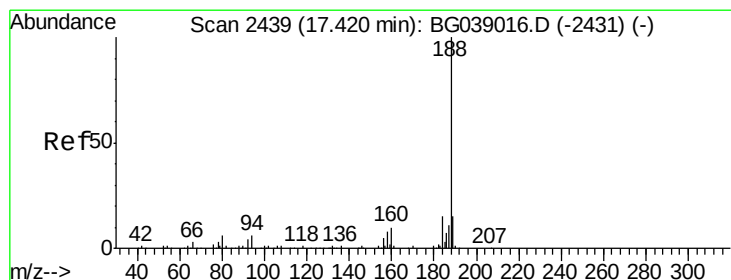
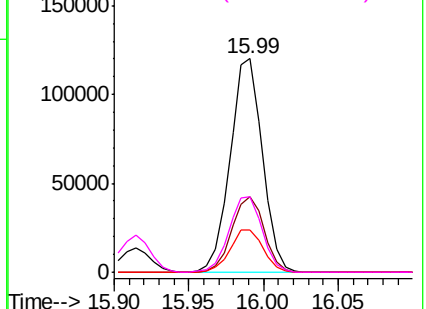
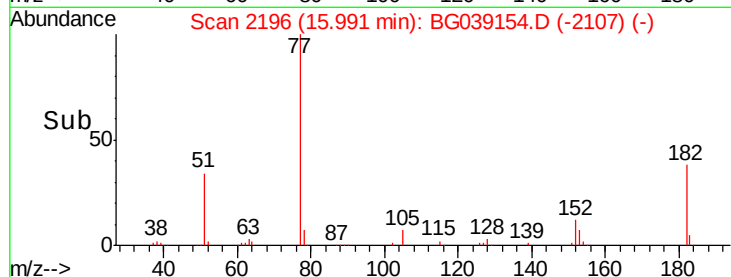


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

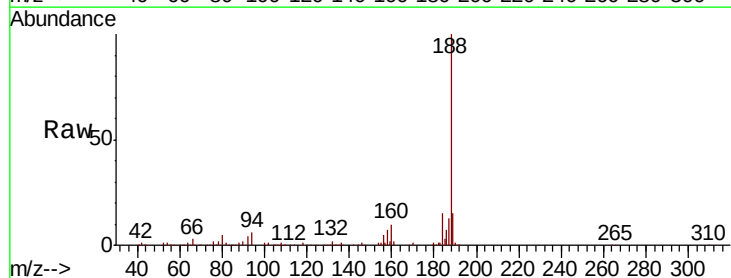
Tgt Ion: 188 Resp: 187420

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

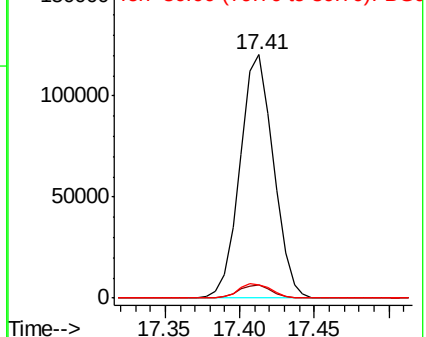
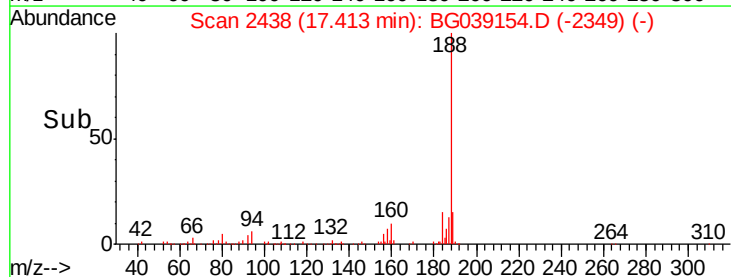
80 5.4 4.7 7.1

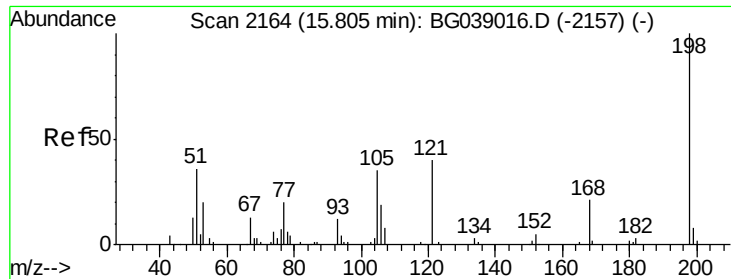


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

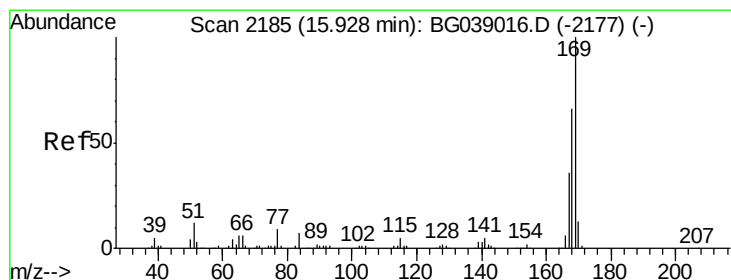
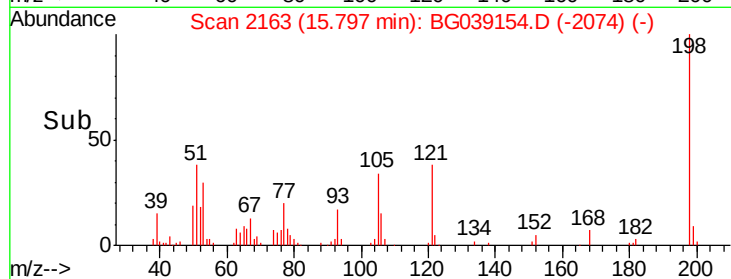
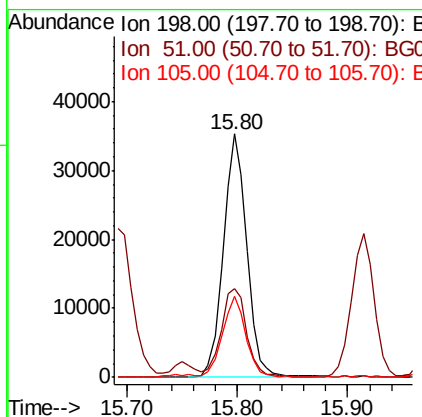
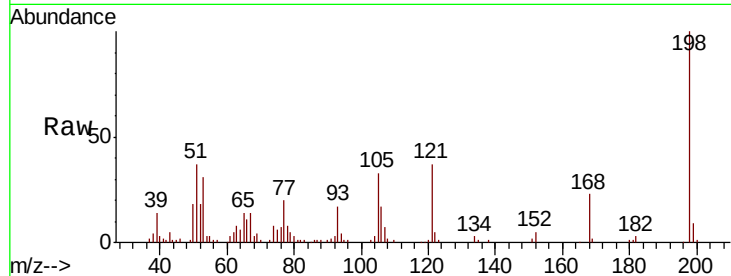




#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.770 ng
 RT: 15.80 min Scan# 2163
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

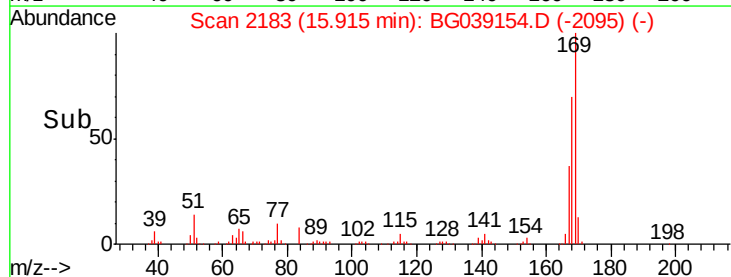
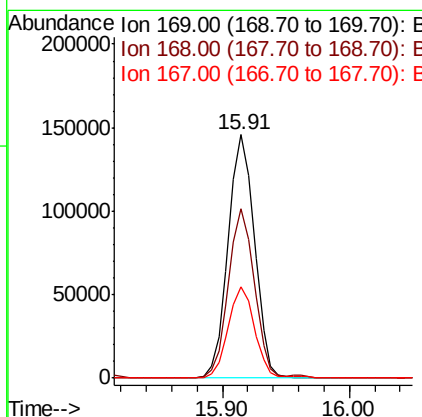
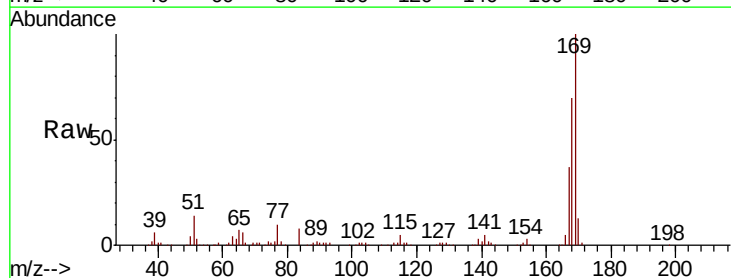
Instrument :
 BNA_G
 ClientSampled :

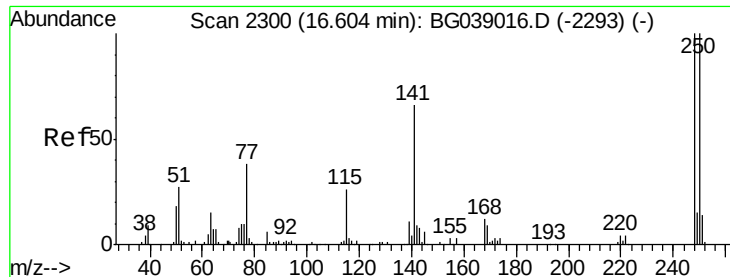
Tot Ion	Ratio	Lower	Upper
198	100		
51	36.7	20.8	60.8
105	33.2	16.1	56.1



#66
 n-Nitrosodiphenylamine
 Concen: 37.757 ng
 RT: 15.91 min Scan# 2183
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.7	53.2	79.8
167	37.3	29.1	43.7

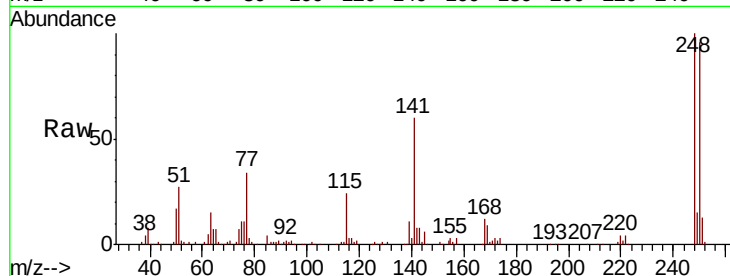




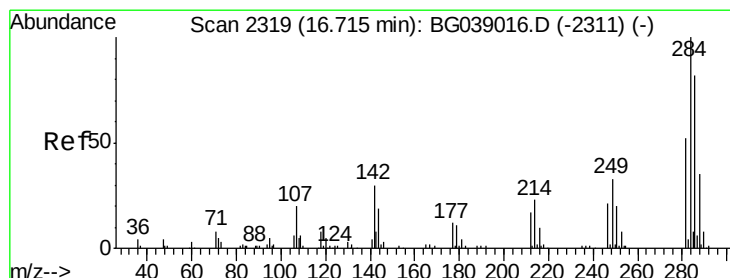
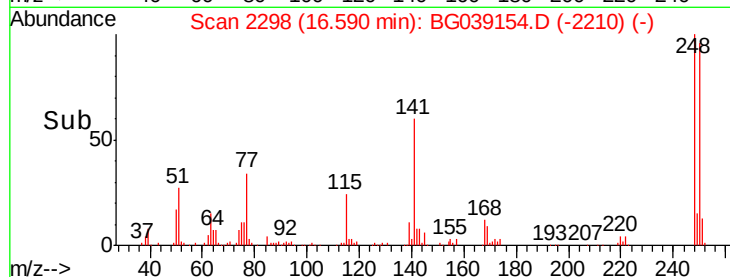
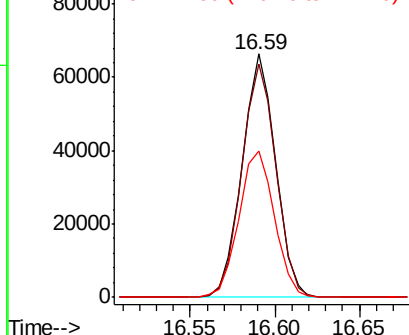
#67
 4-Bromophenyl-phenylether
 Concen: 38.055 ng
 RT: 16.59 min Scan# 2298
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 91683
 Ion Ratio Lower Upper
 248 100
 250 95.8 79.9 119.9
 141 60.0 52.7 79.1

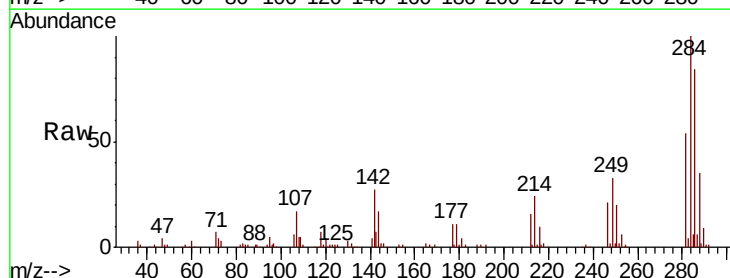


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

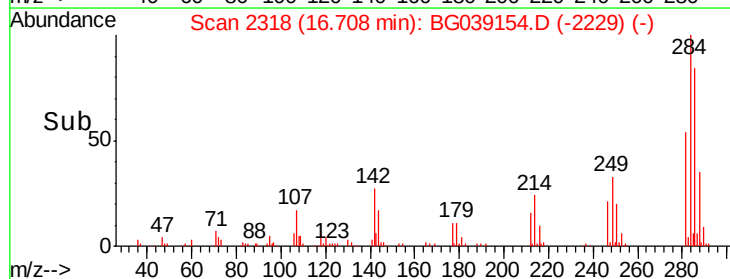
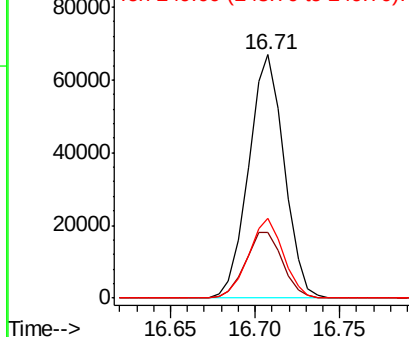


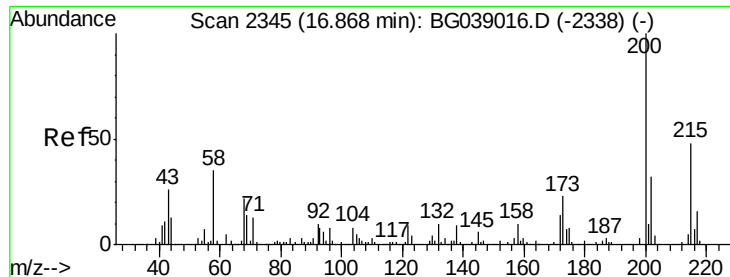
#68
 Hexachlorobenzene
 Concen: 37.318 ng
 RT: 16.71 min Scan# 2318
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion:284 Resp: 98104
 Ion Ratio Lower Upper
 284 100
 142 27.1 24.3 36.5
 249 34.9 27.8 41.8



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: 36.207 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

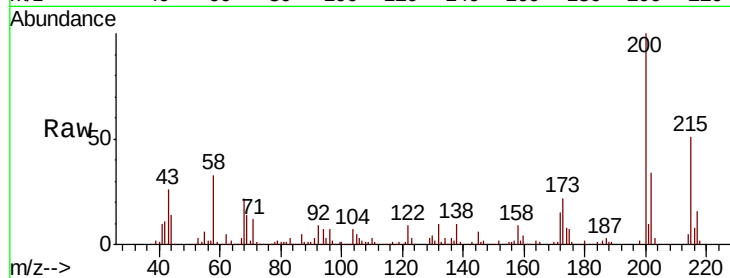
Tot Ion:200 Resp: 85460

Ion Ratio Lower Upper

200 100

173 22.5 2.6 42.6

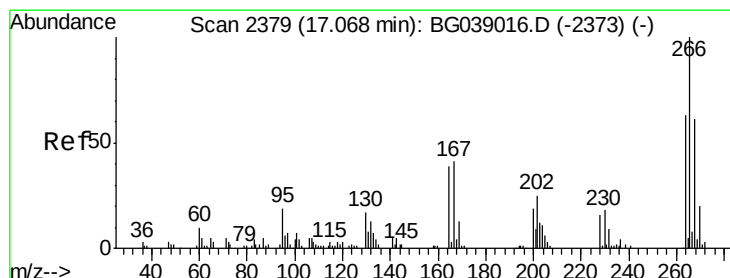
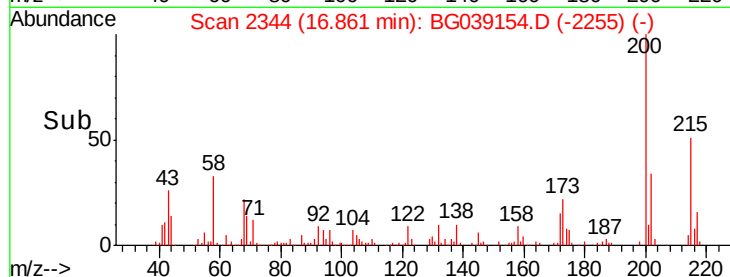
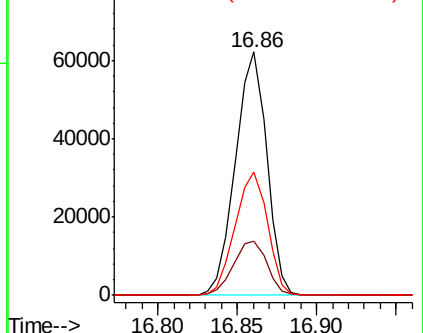
215 50.6 28.0 68.0



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: 69.742 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

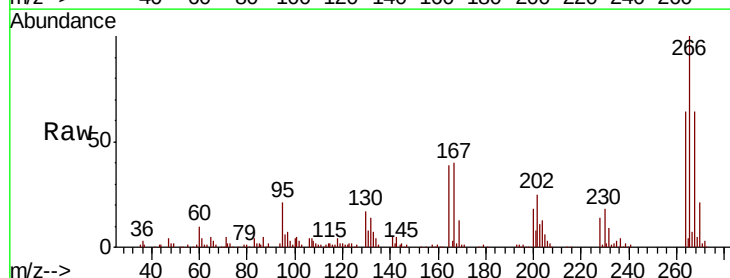
Tgt Ion:266 Resp: 111976

Ion Ratio Lower Upper

266 100

268 69.4 52.0 78.0

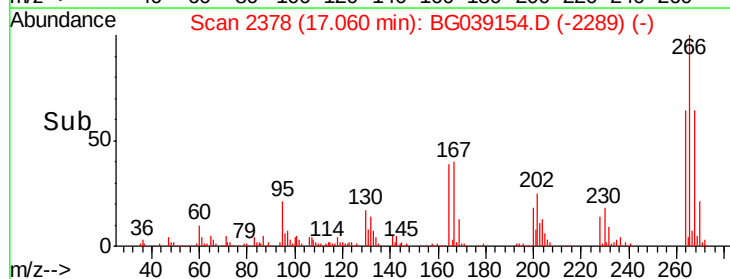
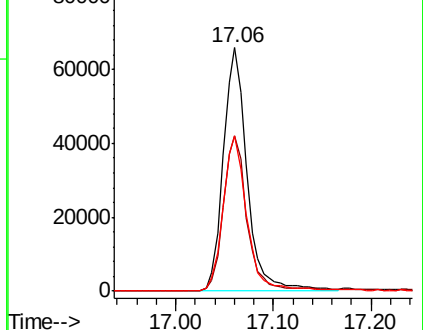
264 63.7 54.6 81.8

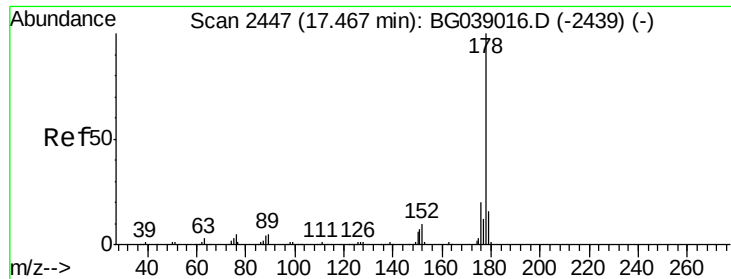


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

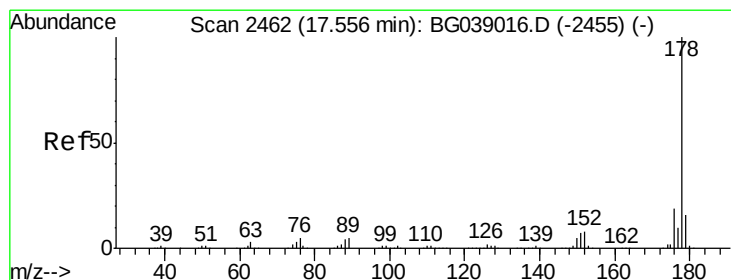
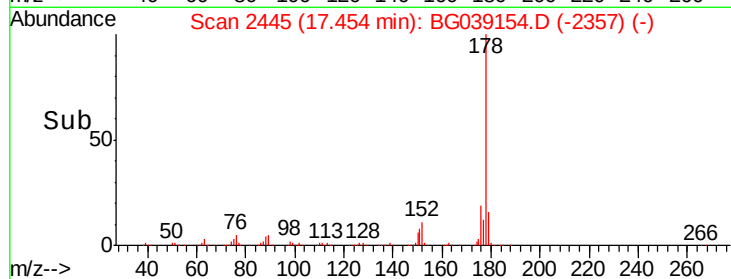
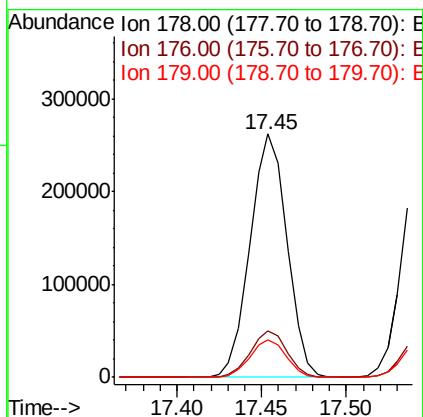
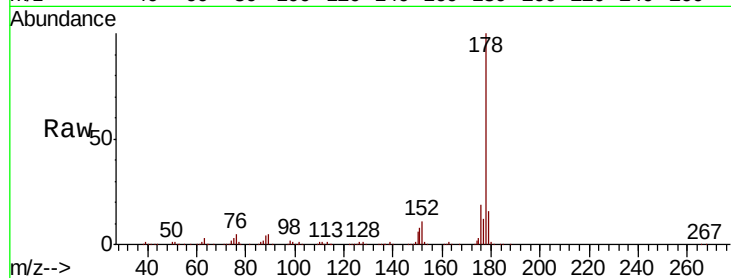




#71
Phenanthrene
Concen: 40.231 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

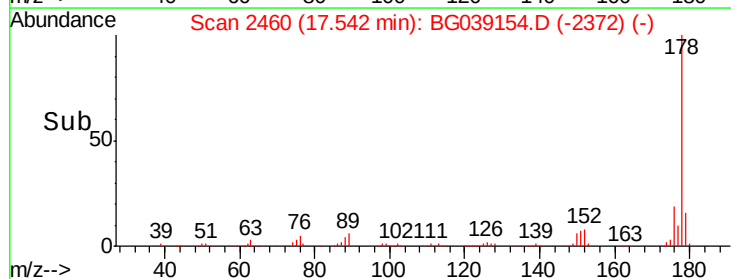
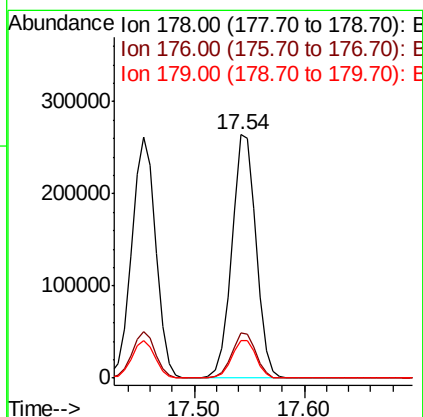
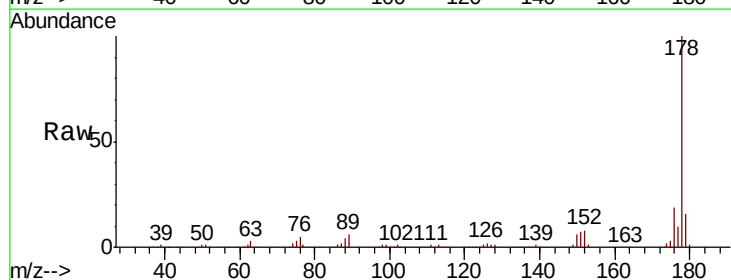
Instrument :
BNA_G
ClientSampleId :

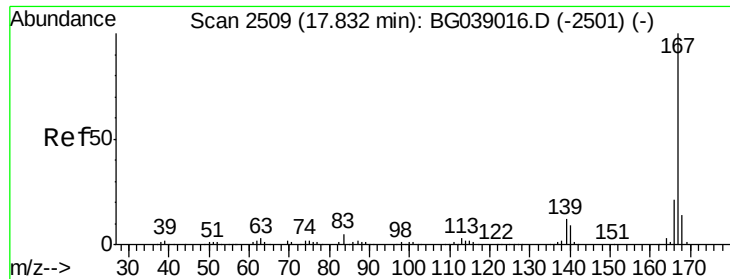
Tot Ion:178 Resp: 398541
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.6 12.9 19.3



#72
Anthracene
Concen: 41.654 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:178 Resp: 407994
Ion Ratio Lower Upper
178 100
176 18.8 14.9 22.3
179 15.5 13.0 19.4

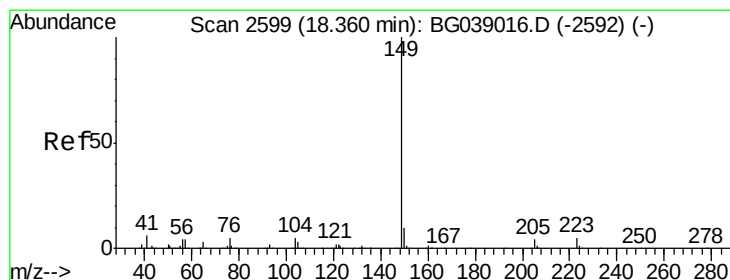
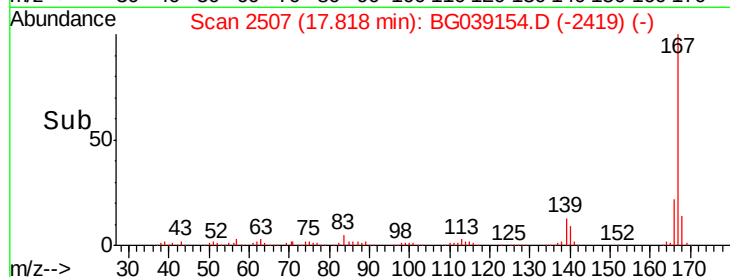
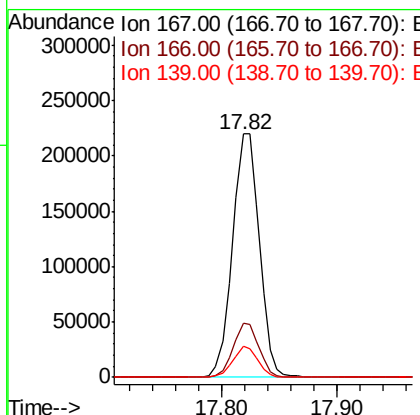
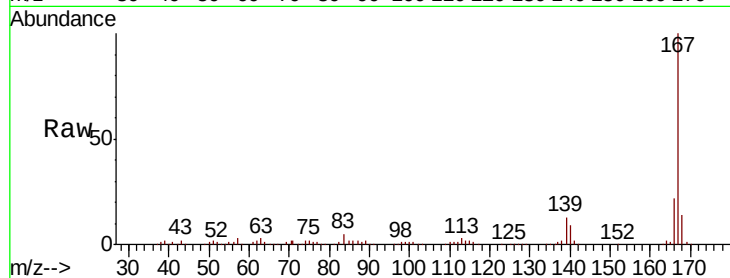




#73
 Carbazole
 Concen: 36.620 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

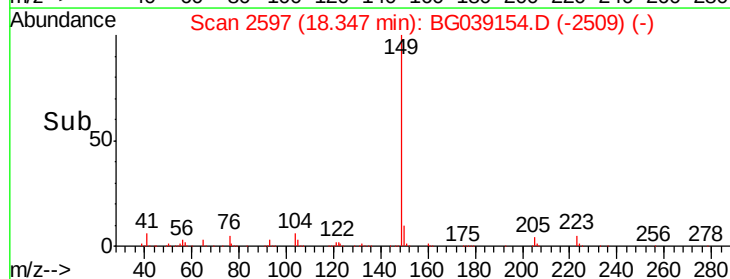
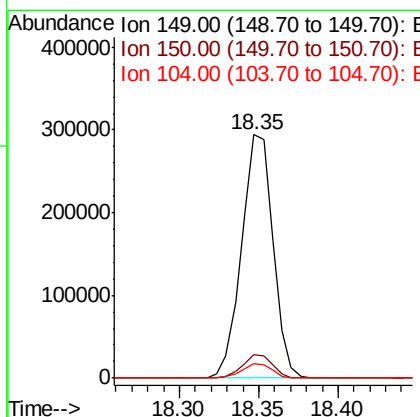
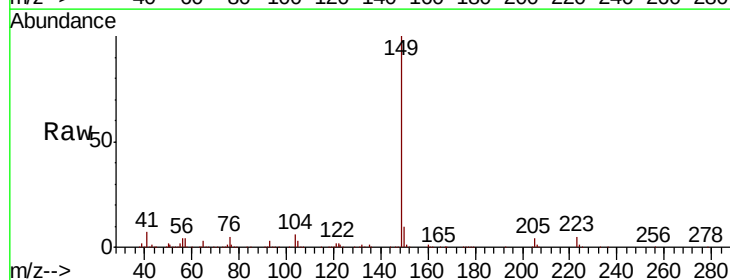
Instrument :
 BNA_G
 ClientSampleId :

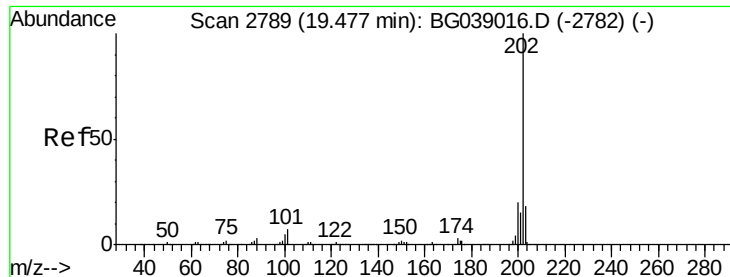
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	16.9	25.3
139	12.7	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 37.582 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG039154.D
 Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.9	11.9
104	6.0	4.2	6.2





#75

Fluoranthene

Concen: 44.617 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

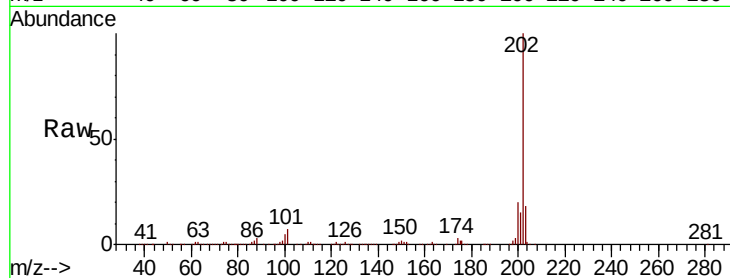
Tot Ion:202 Resp: 547933

Ion Ratio Lower Upper

202 100

101 6.8 0.0 26.9

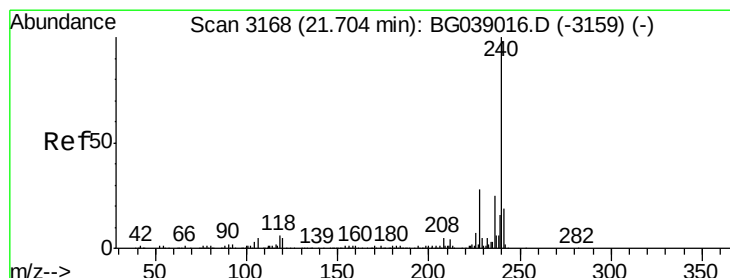
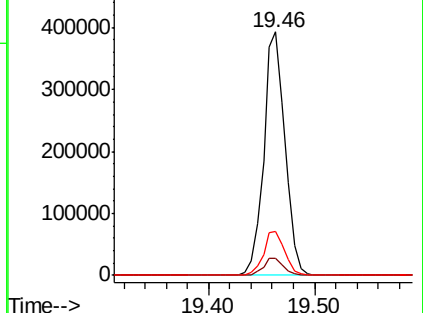
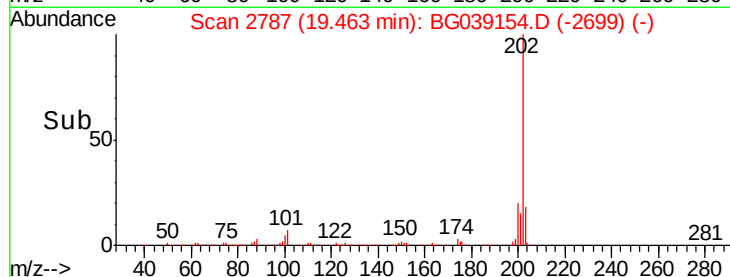
203 18.0 0.0 38.1



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

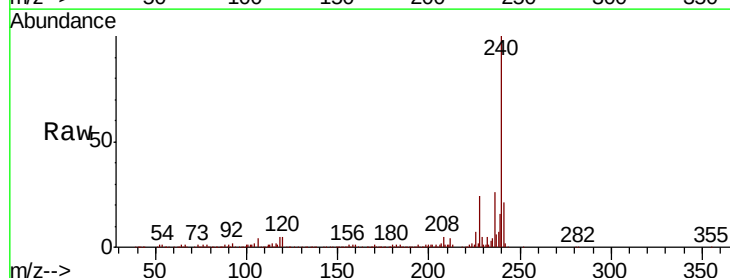
Tgt Ion:240 Resp: 200965

Ion Ratio Lower Upper

240 100

120 5.3 4.3 6.5

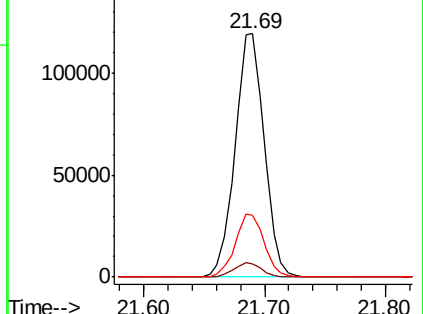
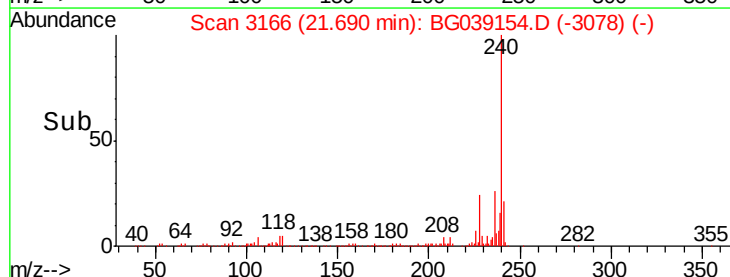
236 25.6 20.1 30.1

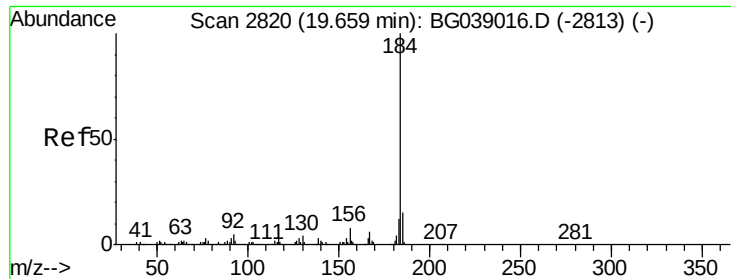


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.040 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

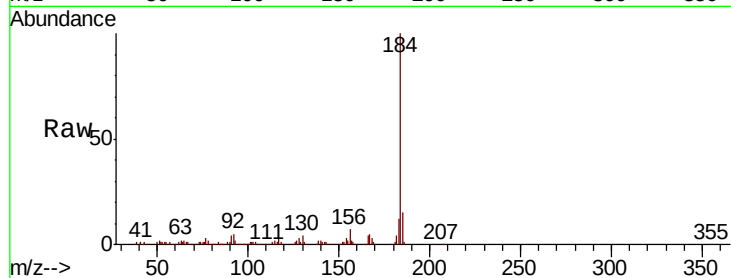
Tot Ion:184 Resp: 246118

Ion Ratio Lower Upper

184 100

185 14.6 12.1 18.1

183 12.0 9.5 14.3

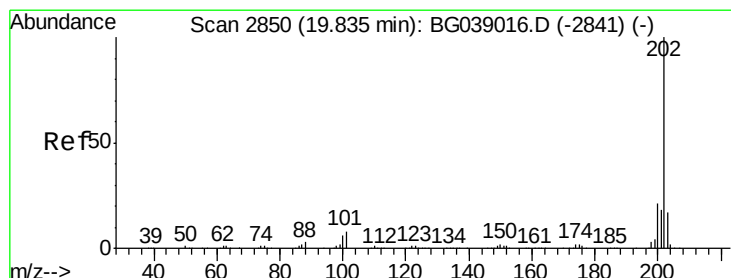
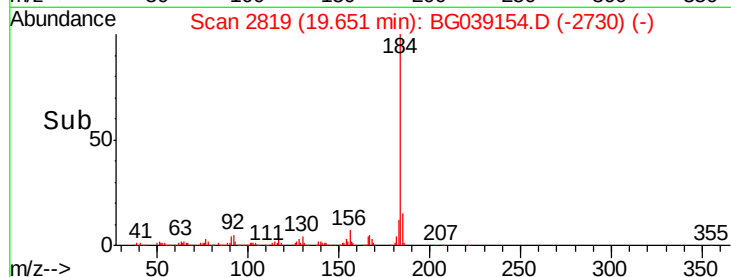
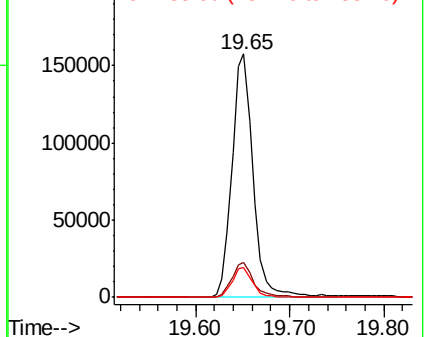


Abundance

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: 48.983 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

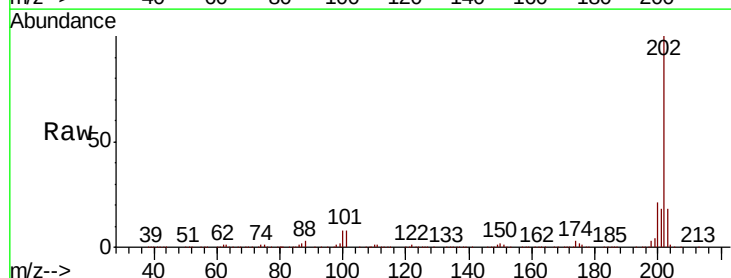
Tgt Ion:202 Resp: 627333

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.6

203 18.1 14.0 21.0

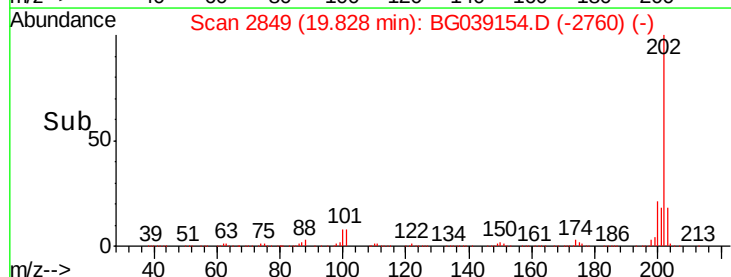
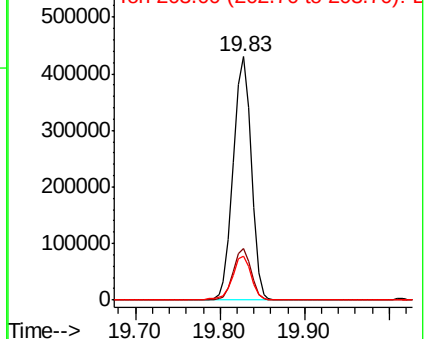


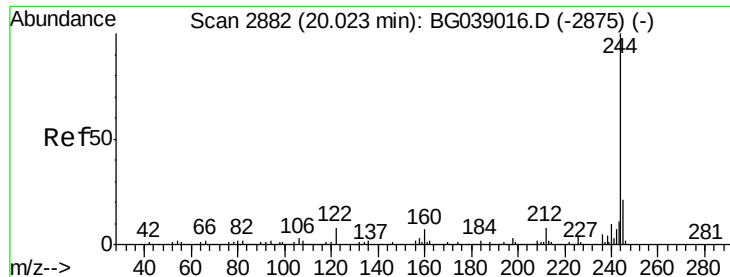
Abundance

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: 84.438 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

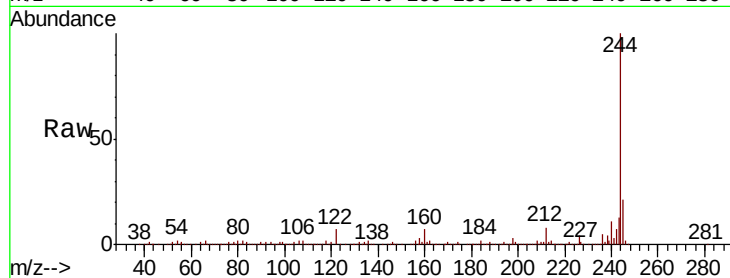
Tot Ion:244 Resp: 917298

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

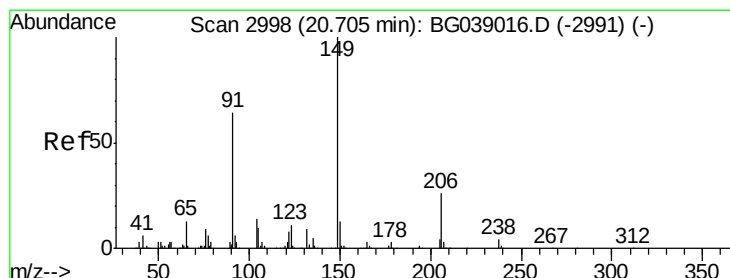
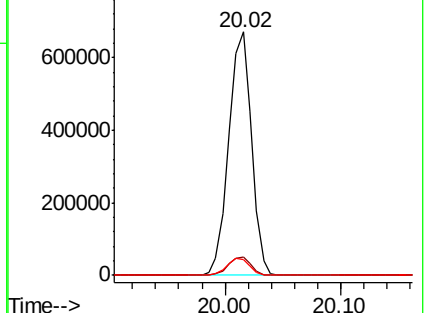
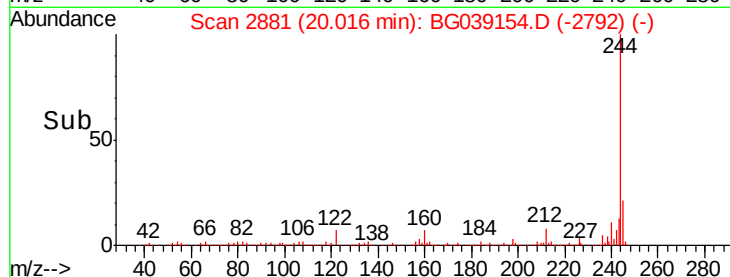
122 6.7 6.1 9.1



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: 40.440 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

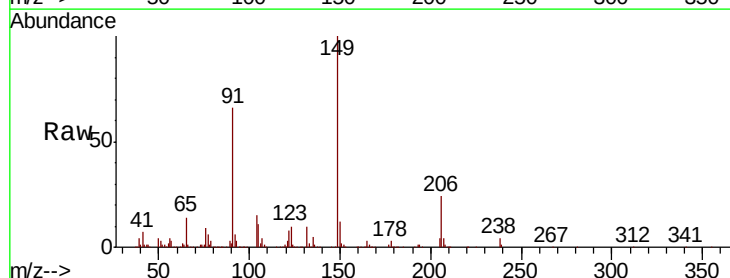
Tgt Ion:149 Resp: 196987

Ion Ratio Lower Upper

149 100

91 65.9 51.4 77.0

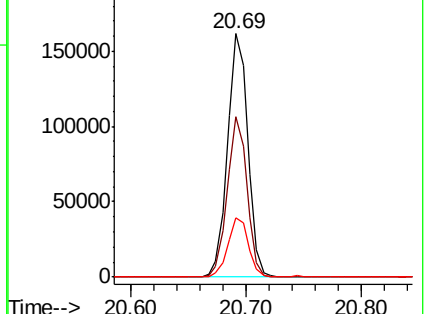
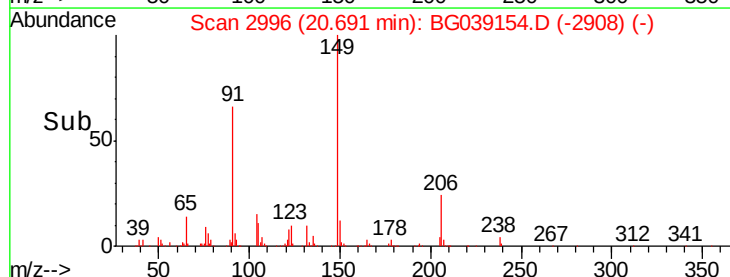
206 24.4 20.4 30.6

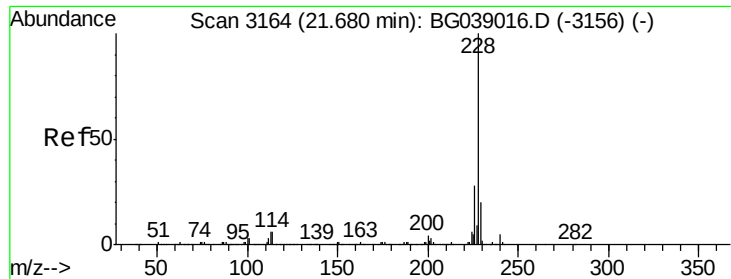


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

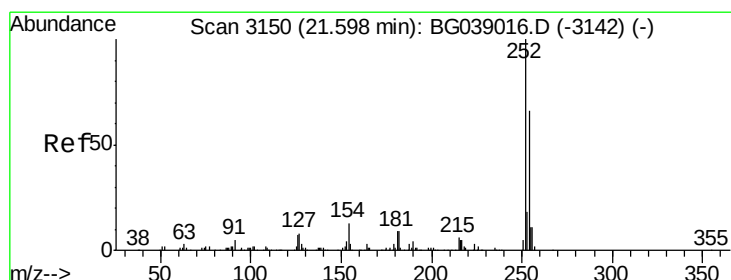
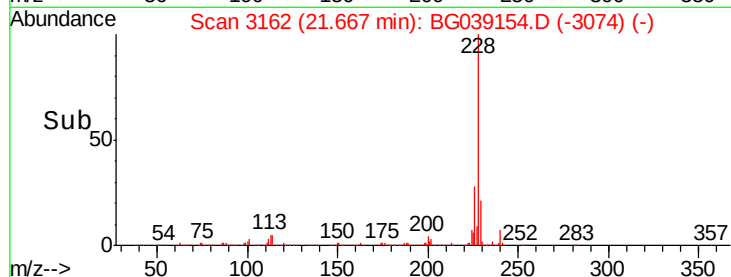
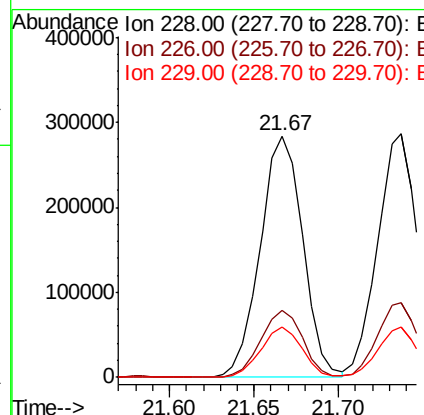
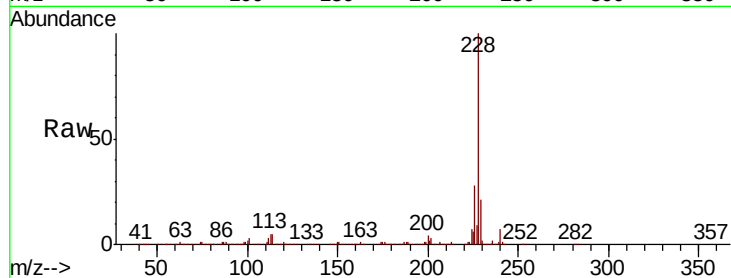




#81
Benzo(a)anthracene
Concen: 40.668 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

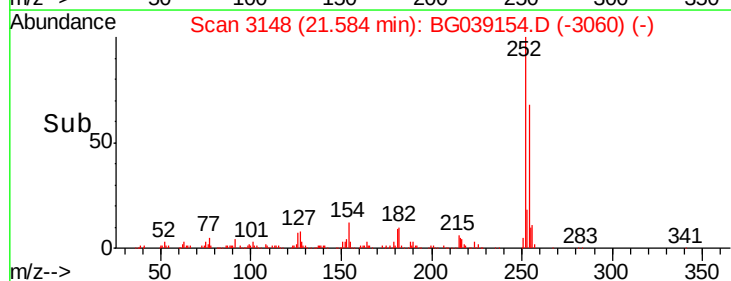
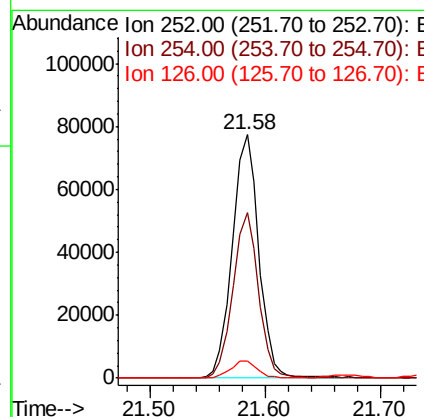
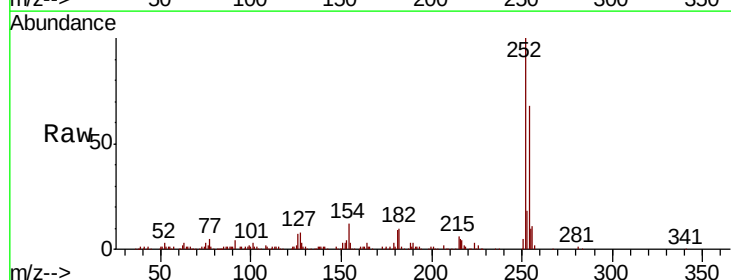
Instrument :
BNA_G
ClientSampleId :

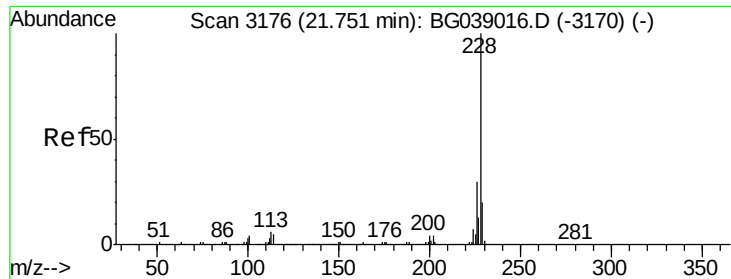
Tot Ion:228 Resp: 497517
Ion Ratio Lower Upper
228 100
226 27.6 22.4 33.6
229 20.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 24.713 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:252 Resp: 123184
Ion Ratio Lower Upper
252 100
254 68.2 53.0 79.6
126 7.1 6.0 9.0

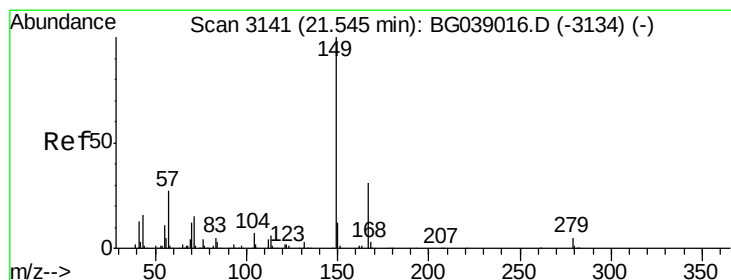
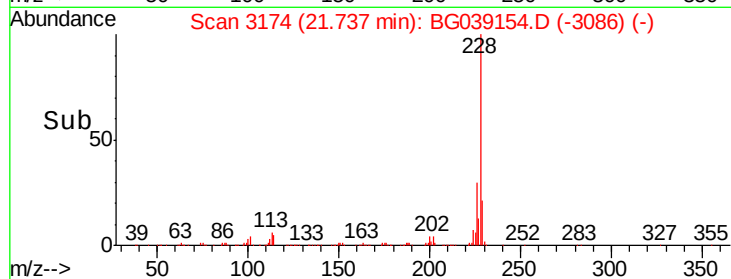
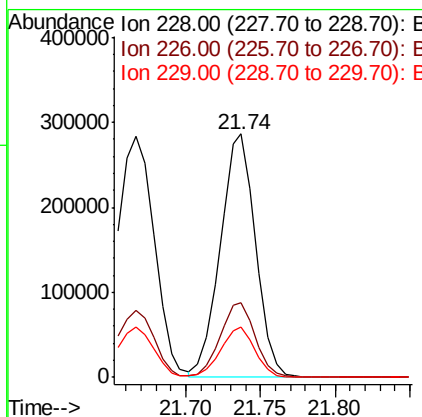
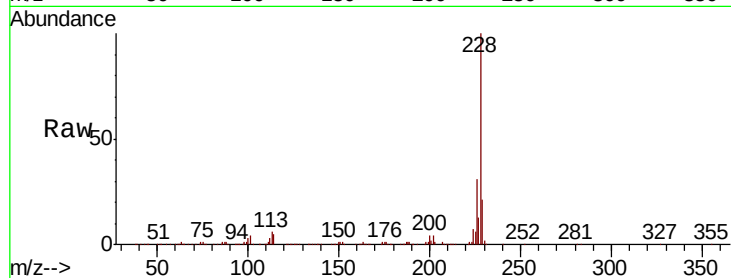




#83
Chrysene
Concen: 40.435 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

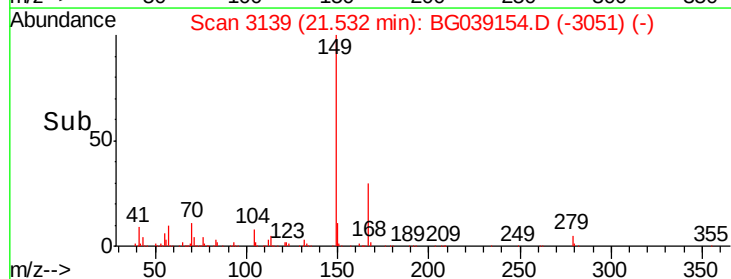
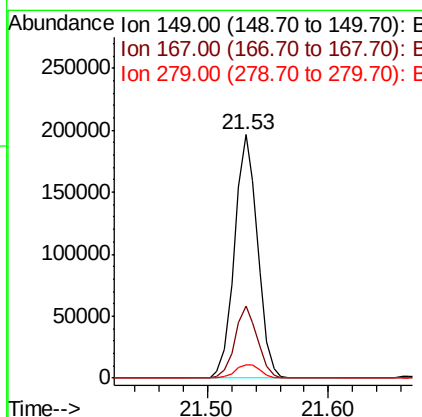
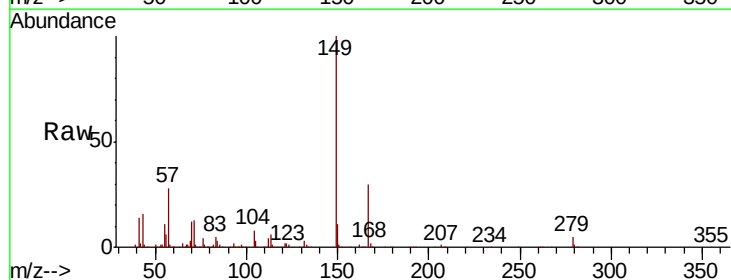
Instrument :
BNA_G
ClientSampleId :

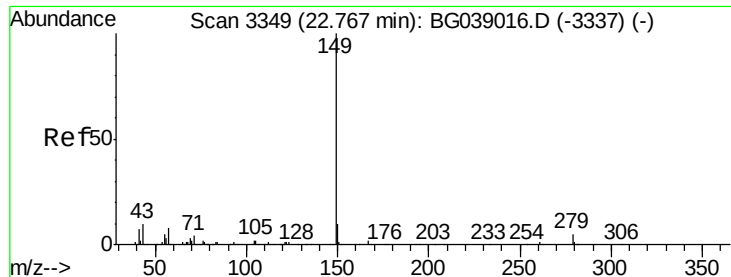
Tot Ion:228 Resp: 470472
Ion Ratio Lower Upper
228 100
226 30.5 24.1 36.1
229 20.6 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.585 ng
RT: 21.53 min Scan# 3139
Delta R.T. -0.01 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:149 Resp: 260974
Ion Ratio Lower Upper
149 100
167 29.6 25.0 37.4
279 5.4 4.3 6.5





#85

Di-n-octyl phthalate

Concen: 42.171 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

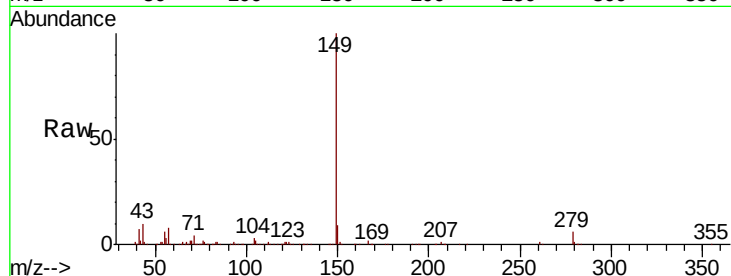
Tot Ion:149 Resp: 482288

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

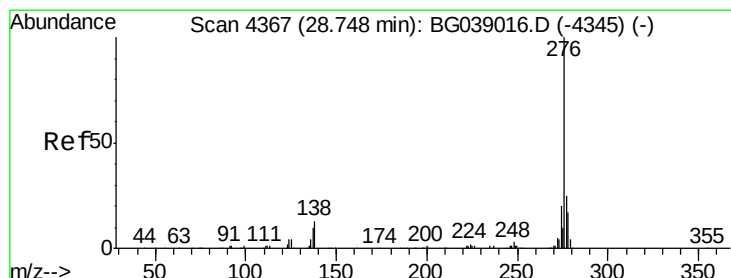
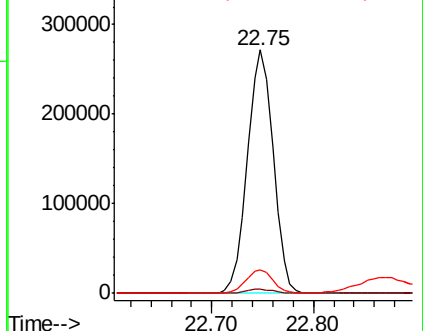
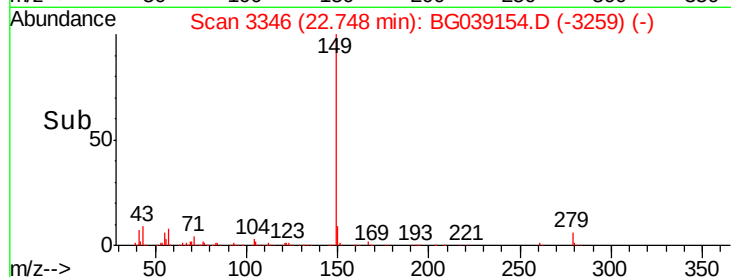
43 9.7 7.5 11.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.306 ng

RT: 28.71 min Scan# 4361

Delta R.T. -0.04 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

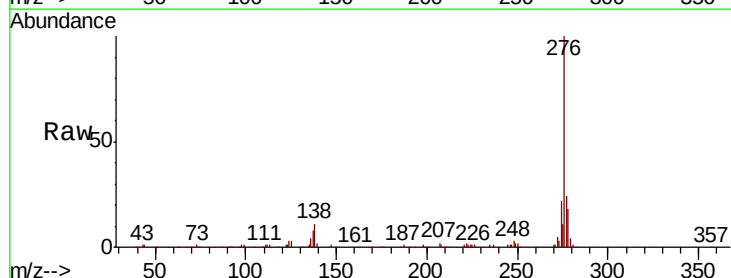
Tgt Ion:276 Resp: 588179

Ion Ratio Lower Upper

276 100

138 9.2 8.0 12.0

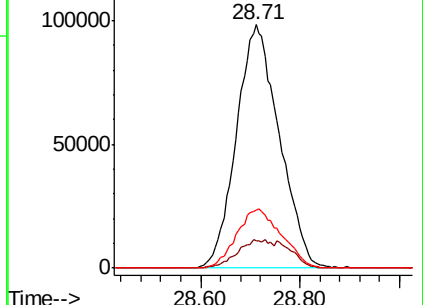
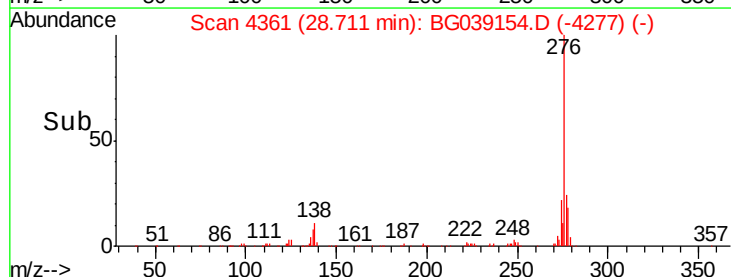
277 25.5 20.3 30.5

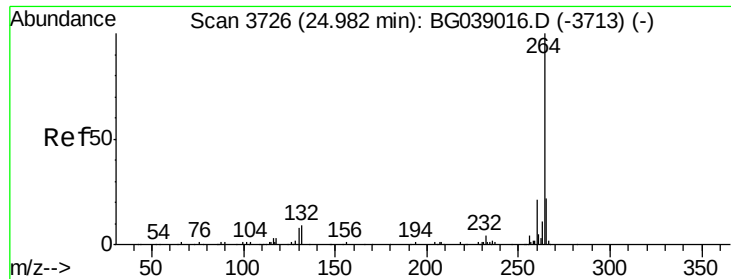


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

Instrument :

BNA_G

ClientSampleId :

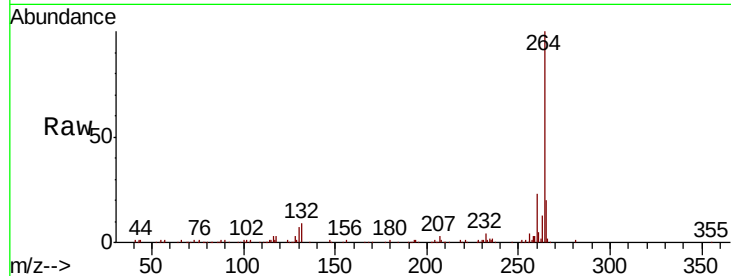
Tot Ion:264 Resp: 221180

Ion Ratio Lower Upper

264 100

260 22.7 17.0 25.6

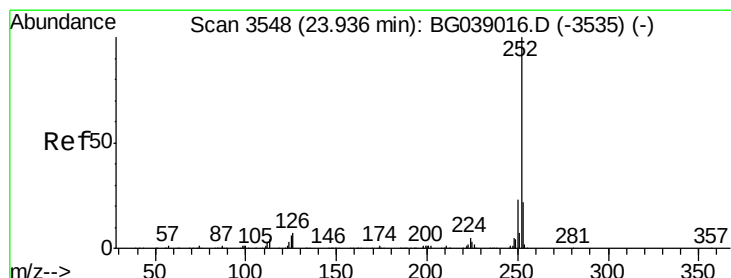
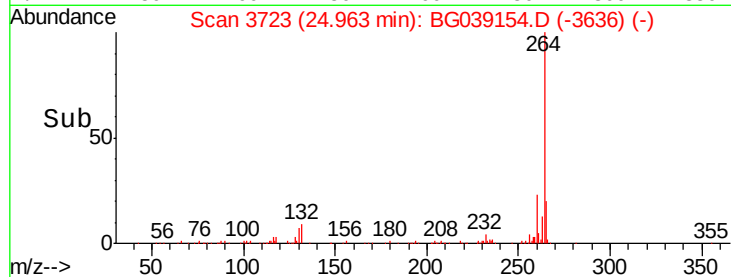
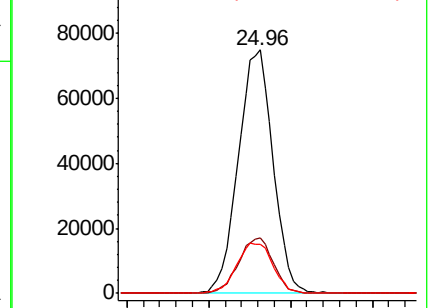
265 20.2 17.2 25.8



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: 48.262 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.02 min

Lab File: BG039154.D

Acq: 16 Jan 2019 13:07

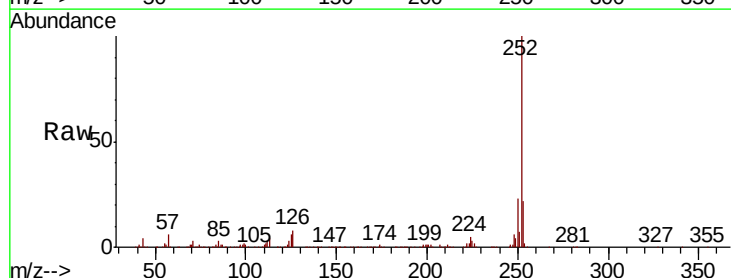
Tgt Ion:252 Resp: 588596

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

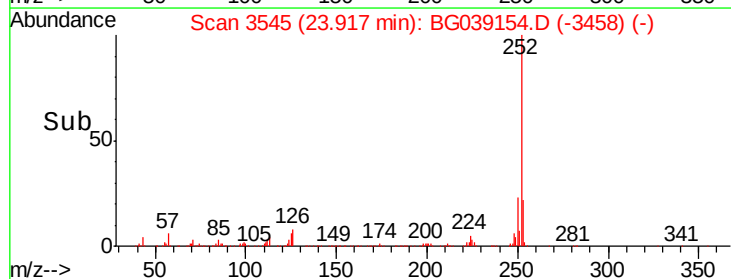
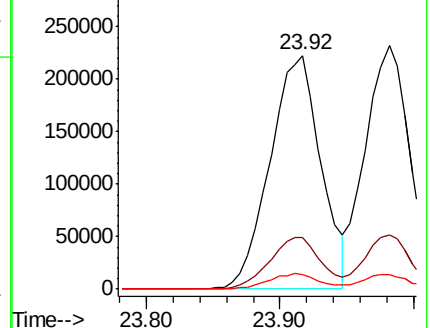
125 6.0 4.9 7.3

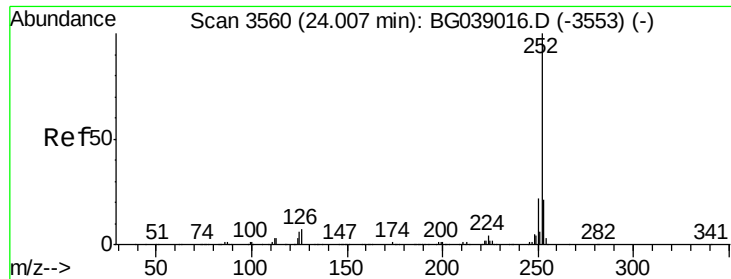


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

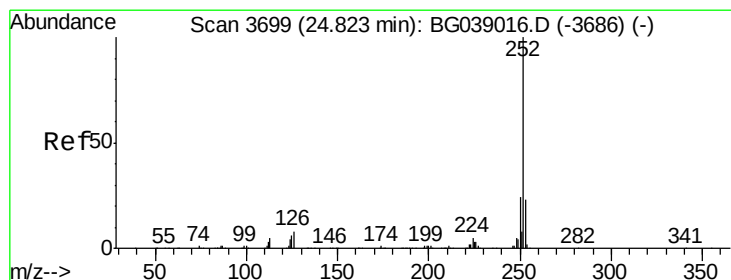
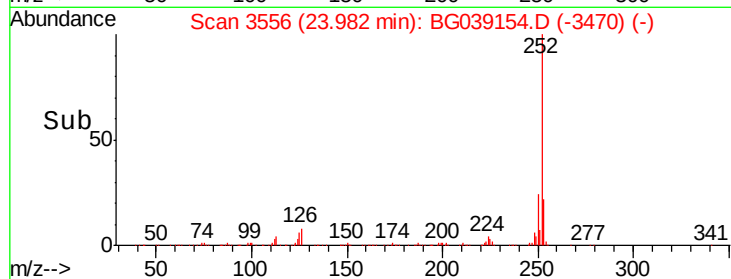
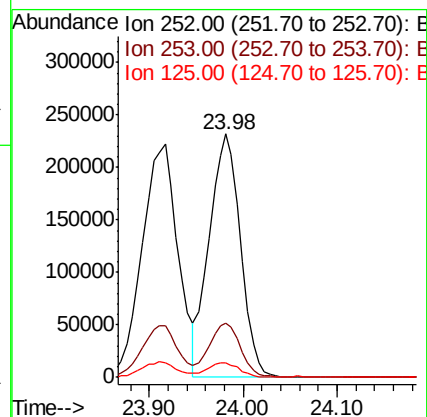
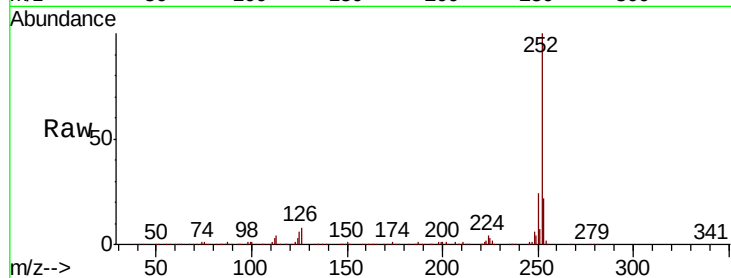




#89
Benzo(k)fluoranthene
Concen: 44.492 ng
RT: 23.98 min Scan# 3556
Delta R.T. -0.03 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

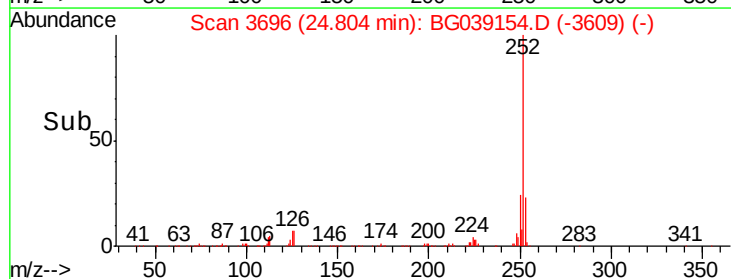
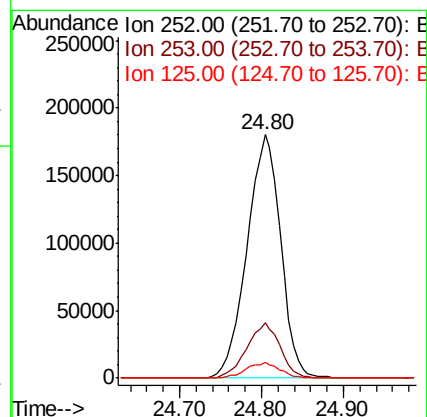
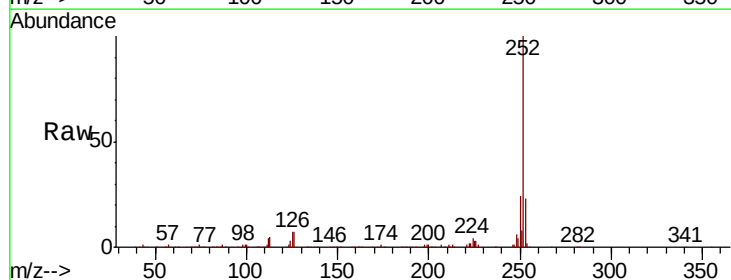
Instrument :
BNA_G
ClientSampleId :

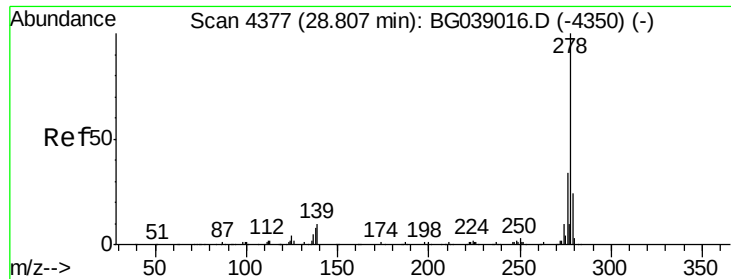
Tot Ion:252 Resp: 536496
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 5.8 4.6 7.0



#90
Benzo(a)pyrene
Concen: 43.689 ng
RT: 24.80 min Scan# 3696
Delta R.T. -0.02 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion:252 Resp: 515012
Ion Ratio Lower Upper
252 100
253 22.7 18.3 27.5
125 6.5 4.9 7.3

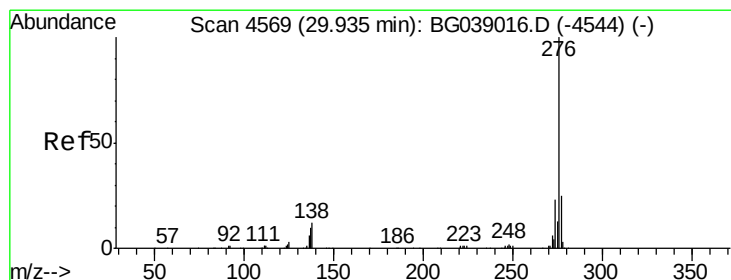
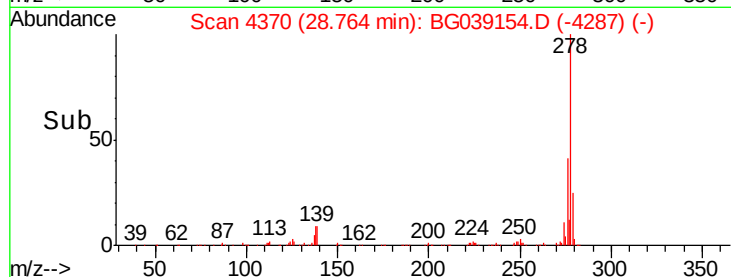
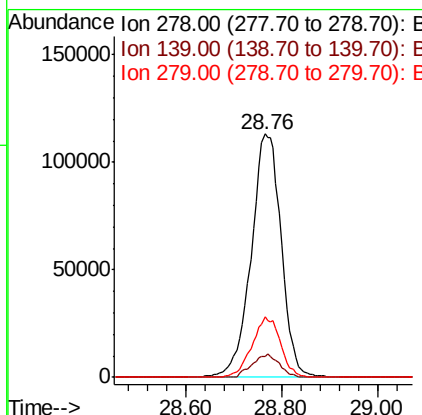
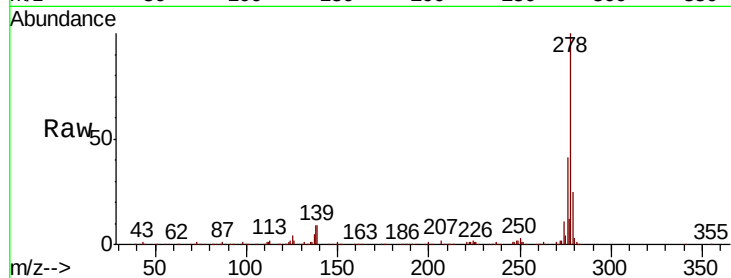




#91
Dibenzo(a,h)anthracene
Concen: 41.932 ng
RT: 28.76 min Scan# 4370
Delta R.T. -0.04 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.9	11.9
279	24.6	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 41.462 ng
RT: 29.89 min Scan# 4562
Delta R.T. -0.04 min
Lab File: BG039154.D
Acq: 16 Jan 2019 13:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	20.3	30.5
138	11.1	9.4	14.2

