

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039278.D
 Acq On : 25 Jan 2019 14:44
 Operator : JU/SJ
 Sample : PB116607BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 25 15:57:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 14:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	15449	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	63378	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	44803	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	122258	20.00	ng	0.00
76) Chrysene-d12	21.67	240	137087	20.00	ng	0.00
87) Perylene-d12	24.93	264	137001	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	167170	205.27	ng	0.00
7) Phenol-d6	7.16	99	180627	154.12	ng	0.00
23) Nitrobenzene-d5	9.19	82	92404	79.78	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	98773	131.52	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	259011	79.12	ng	0.00
79) Terphenyl-d14	20.00	244	587398	79.27	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.43	88	11865	37.204	ng	93
3) Pyridine	3.84	79	34256	39.530	ng	96
4) n-Nitrosodimethylamine	3.76	42	20959	53.748	ng	99
6) Aniline	7.33	93	47918	34.043	ng	99
8) 2-Chlorophenol	7.57	128	42672	44.450	ng	98
9) Benzaldehyde	7.15	77	10916	16.150	ng	93
10) Phenol	7.20	94	57613	49.030	ng	96
11) bis(2-Chloroethyl)ether	7.43	93	35082	39.063	ng	97
12) 1,3-Dichlorobenzene	7.89	146	43753	38.039	ng	95
13) 1,4-Dichlorobenzene	8.04	146	45798	39.315	ng	99
14) 1,2-Dichlorobenzene	8.36	146	44424	39.997	ng	98
15) Benzyl Alcohol	8.25	79	37801	42.828	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	70376	40.867	ng	98
17) 2-Methylphenol	8.45	107	36894	45.218	ng	95
18) Hexachloroethane	9.08	117	16190	40.909	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	28998	37.677	ng	98
20) 3+4-Methylphenols	8.78	107	49662	42.691	ng	99
22) Acetophenone	8.84	105	61711	37.285	ng	# 97
24) Nitrobenzene	9.23	77	46407	39.640	ng	98
25) Isophorone	9.74	82	89585	44.902	ng	97
26) 2-Nitrophenol	9.94	139	25909	40.916	ng	99
27) 2,4-Dimethylphenol	9.98	122	41927	47.063	ng	90
28) bis(2-Chloroethoxy)methane	10.22	93	49728	41.472	ng	99
29) 2,4-Dichlorophenol	10.47	162	50100	45.267	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	52173	39.234	ng	99
31) Naphthalene	10.87	128	133659	42.048	ng	100
32) Benzoic acid	10.17	122	9457	23.310	ng	95
33) 4-Chloroaniline	11.00	127	33739	23.721	ng	99
34) Hexachlorobutadiene	11.13	225	36409	39.791	ng	97
35) Caprolactam	11.82	113	8202	18.481	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	49744	42.023	ng	91
37) 2-Methylnaphthalene	12.48	142	102945	43.196	ng	99
38) 1-Methylnaphthalene	12.69	142	98229	42.942	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	68686	40.821	ng	99

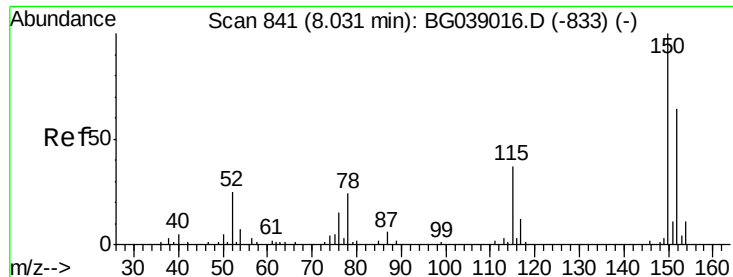
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012519\
 Data File : BG039278.D
 Acq On : 25 Jan 2019 14:44
 Operator : JU/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 25 14:28:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	76391	80.567	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	44381	41.909	ng	98
44) 2,4,5-Trichlorophenol	13.16	196	49043	43.817	ng	97
46) 1,1'-Biphenyl	13.48	154	139023	39.160	ng	98
47) 2-Chloronaphthalene	13.53	162	113607	39.545	ng	99
48) 2-Nitroaniline	13.74	65	34554	42.933	ng	96
49) Acenaphthylene	14.37	152	183240	42.436	ng	99
50) Dimethylphthalate	14.10	163	158443	41.849	ng	100
51) 2,6-Dinitrotoluene	14.23	165	35492	41.930	ng	98
52) Acenaphthene	14.71	154	105975	40.848	ng	96
53) 3-Nitroaniline	14.57	138	23909	27.844	ng	94
54) 2,4-Dinitrophenol	14.78	184	44233	86.905	ng	97
55) Dibenzofuran	15.04	168	185948	40.582	ng	100
56) 4-Nitrophenol	14.88	139	54027	87.444	ng	99
57) 2,4-Dinitrotoluene	15.03	165	52381	43.133	ng	97
58) Fluorene	15.70	166	160392	46.505	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	45600	43.159	ng	99
60) Diethylphthalate	15.45	149	165202	42.351	ng	100
61) 4-Chlorophenyl-phenylether	15.68	204	91225	41.984	ng	98
62) 4-Nitroaniline	15.74	138	36980	41.340	ng	94
63) Azobenzene	15.98	77	125266	41.064	ng	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	38597	42.613	ng	98
66) n-Nitrosodiphenylamine	15.90	169	144457	39.858	ng	100
67) 4-Bromophenyl-phenylether	16.58	248	60433	38.454	ng	96
68) Hexachlorobenzene	16.69	284	65130	37.979	ng	95
69) Atrazine	16.85	200	61362	39.854	ng	95
70) Pentachlorophenol	17.05	266	63268	61.183	ng	95
71) Phenanthrene	17.44	178	274470	42.473	ng	97
72) Anthracene	17.53	178	280610	43.918	ng	99
73) Carbazole	17.81	167	250717	39.749	ng	99
74) Di-n-butylphthalate	18.33	149	291587	41.555	ng	98
75) Fluoranthene	19.45	202	356153	44.458	ng	99
77) Benzidine	19.63	184	142323	33.943	ng	99
78) Pyrene	19.81	202	356655	40.824	ng	98
80) Butylbenzylphthalate	20.68	149	133476	40.170	ng	99
81) Benzo(a)anthracene	21.65	228	358564	42.967	ng	99
82) 3,3'-Dichlorobenzidine	21.57	252	101956	29.985	ng	96
83) Chrysene	21.72	228	344066	43.350	ng	99
84) Bis(2-ethylhexyl)phthalate	21.51	149	207512	44.977	ng	95
85) Di-n-octyl phthalate	22.73	149	333453	42.743	ng	99
86) Indeno(1,2,3-cd)pyrene	28.67	276	450964	47.550	ng	99
88) Benzo(b)fluoranthene	23.89	252	384569	50.908	ng	99
89) Benzo(k)fluoranthene	23.96	252	368067	49.279	ng	97
90) Benzo(a)pyrene	24.78	252	344239	47.145	ng	98
91) Dibenzo(a,h)anthracene	28.72	278	369511	50.877	ng	99
92) Benzo(g,h,i)perylene	29.84	276	333731	46.415	ng	98

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

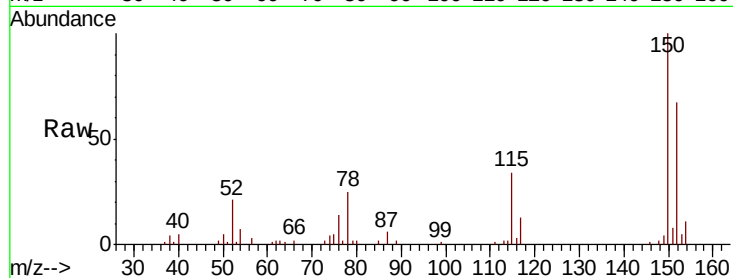


#1

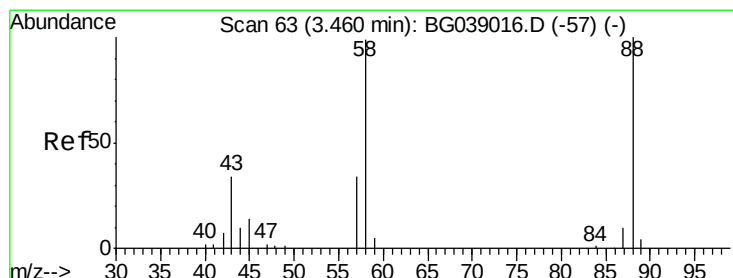
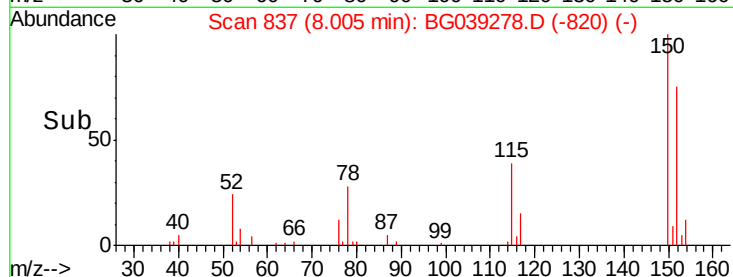
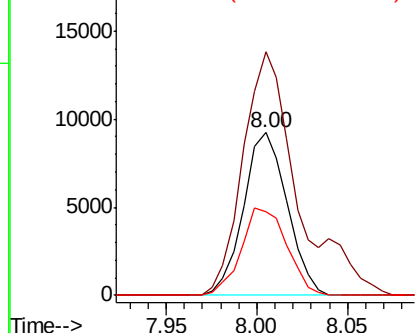
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 15449
Ion Ratio Lower Upper
152 100
150 149.9 124.7 187.1
115 51.6 46.5 69.7



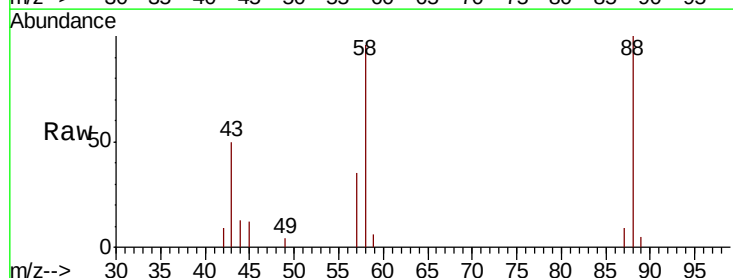
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



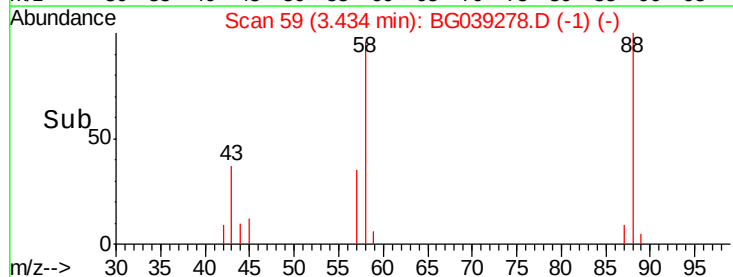
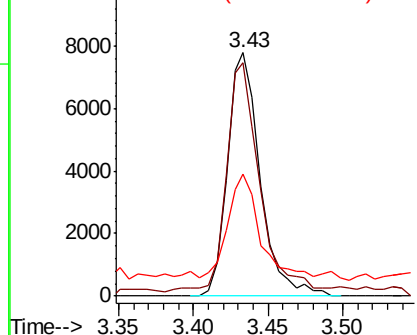
#2

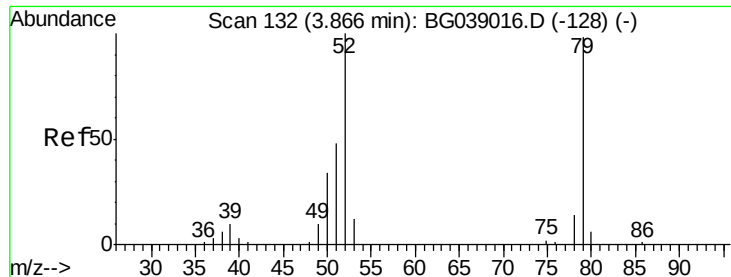
1,4-Dioxane
Concen: 37.204 ng
RT: 3.43 min Scan# 59
Delta R.T. -0.01 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 88 Resp: 11865
Ion Ratio Lower Upper
88 100
58 96.1 72.4 108.6
43 40.4 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: 39.530 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.01 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

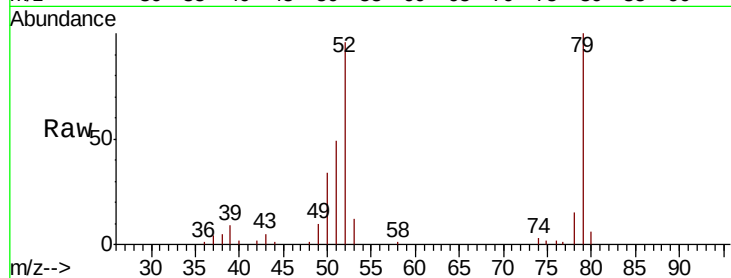
Tot Ion: 79 Resp: 34256

Ion Ratio Lower Upper

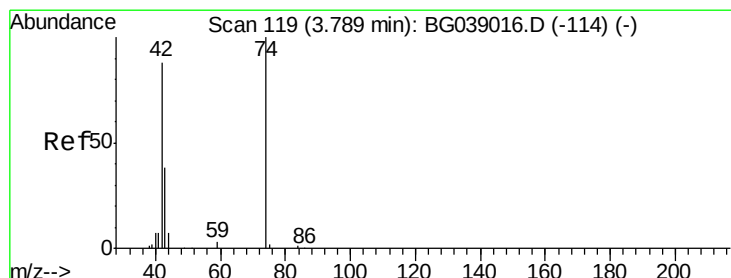
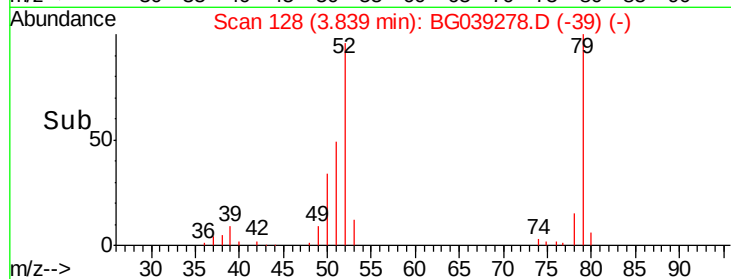
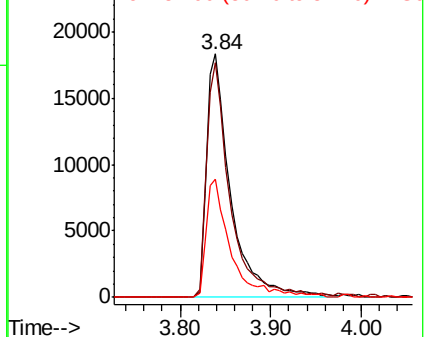
79 100

52 96.2 81.5 122.3

51 48.7 39.8 59.6



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



#4

n-Nitrosodimethylamine

Concen: 53.748 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

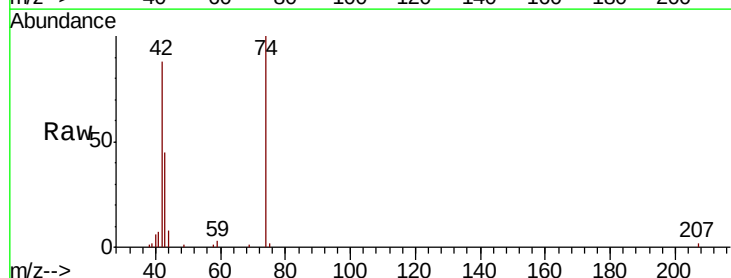
Tgt Ion: 42 Resp: 20959

Ion Ratio Lower Upper

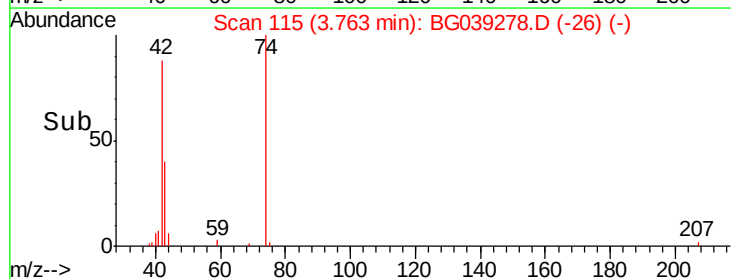
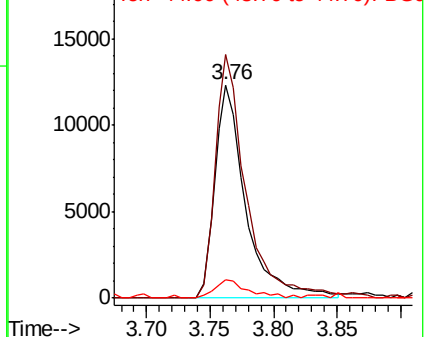
42 100

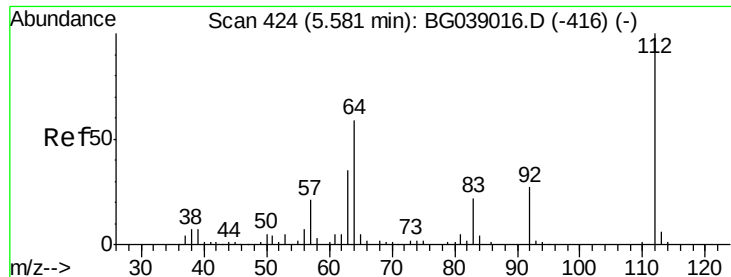
74 114.3 90.7 136.1

44 8.8 6.5 9.7



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





#5

2-Fluorophenol

Concen: 205.268 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

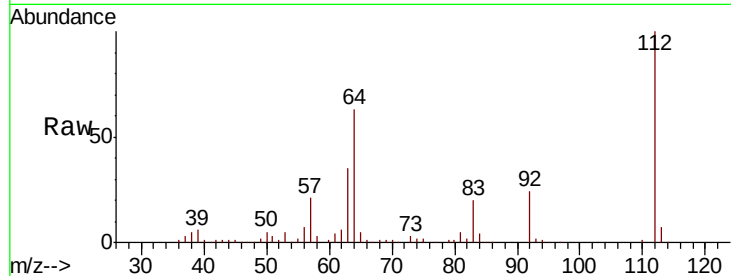
Tot Ion:112 Resp: 167170

Ion Ratio Lower Upper

112 100

64 63.2 47.0 70.6

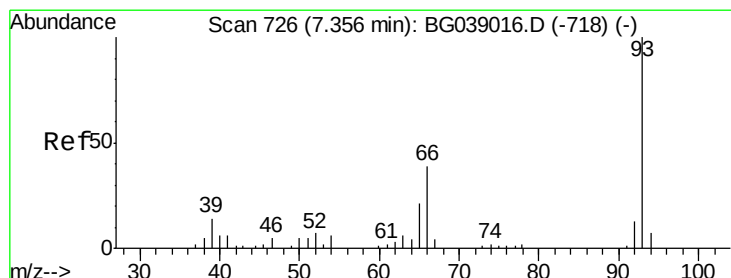
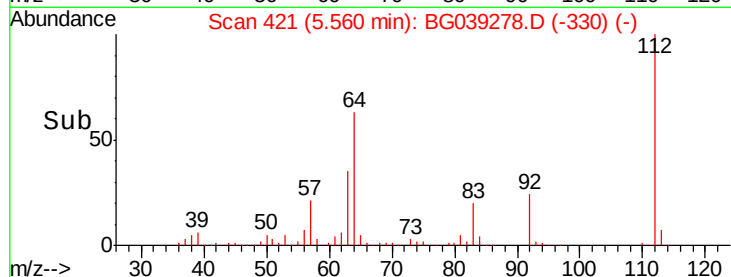
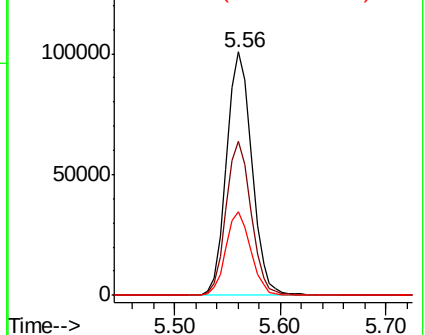
63 34.5 28.0 42.0



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: 34.043 ng

RT: 7.33 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

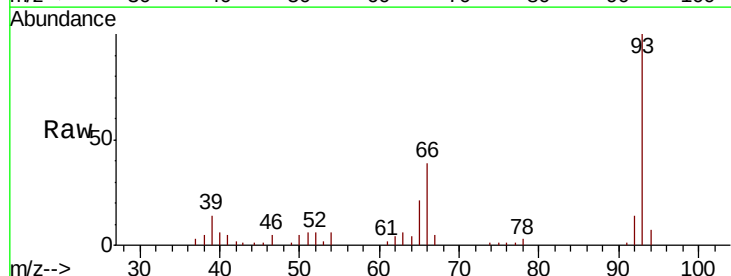
Tgt Ion: 93 Resp: 47918

Ion Ratio Lower Upper

93 100

66 38.7 30.9 46.3

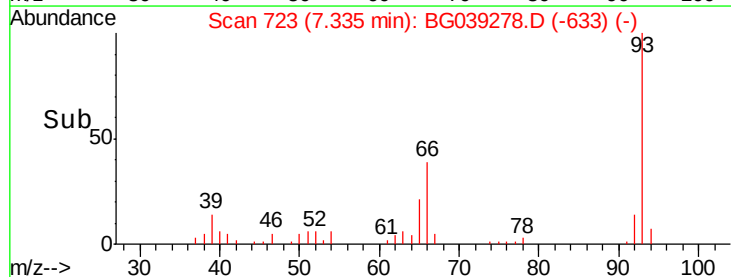
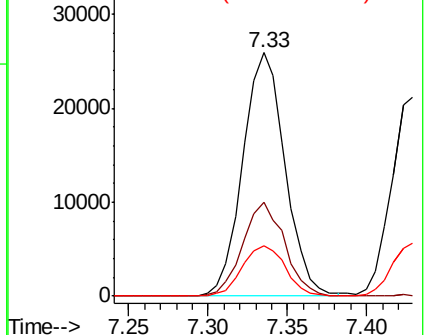
65 20.6 17.0 25.4

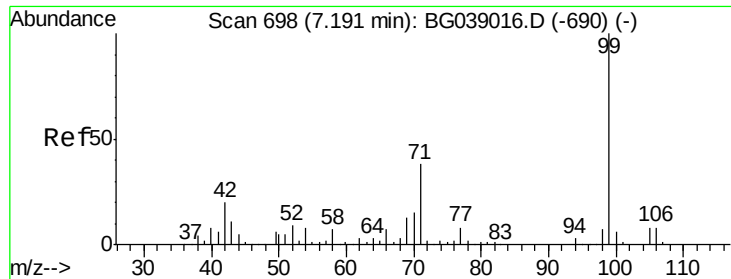


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.115 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

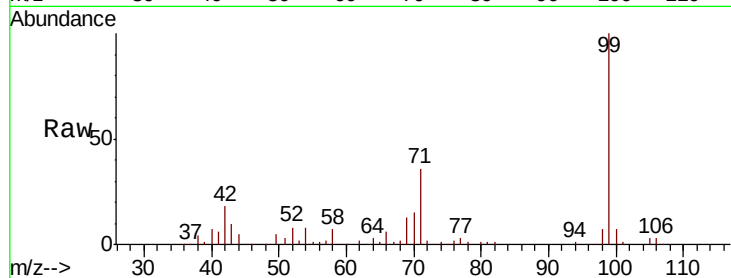
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 99 Resp: 180627

Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.8	23.6
71	36.3	30.2	45.4

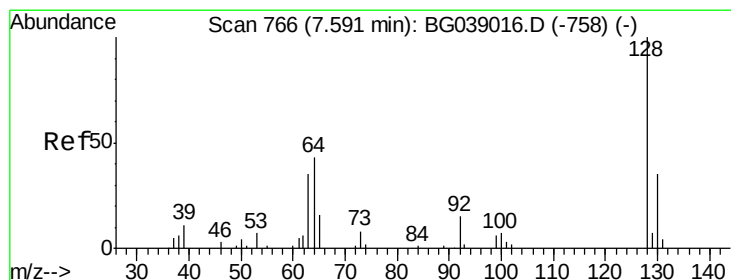
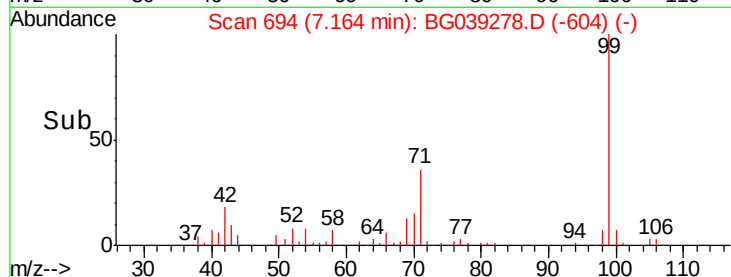
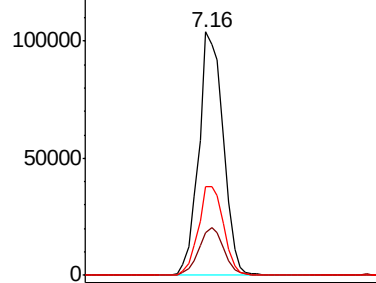


Abundance

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: 44.450 ng

RT: 7.57 min Scan# 763

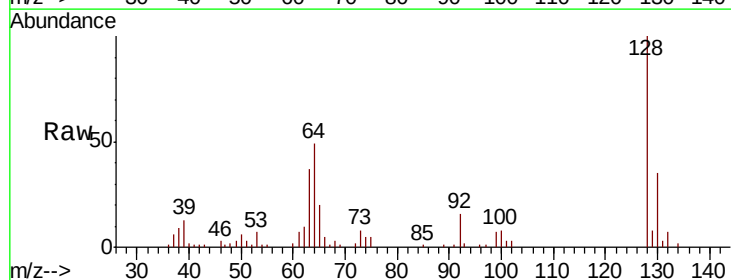
Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Tgt Ion: 128 Resp: 42672

Ion	Ratio	Lower	Upper
128	100		
130	35.2	14.5	54.5
64	48.8	27.3	67.3

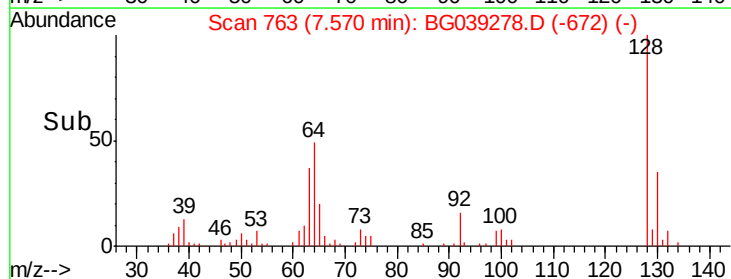
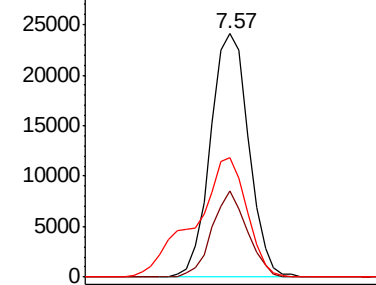


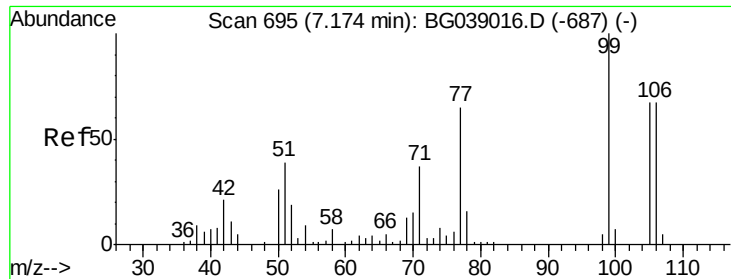
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 16.150 ng

RT: 7.15 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

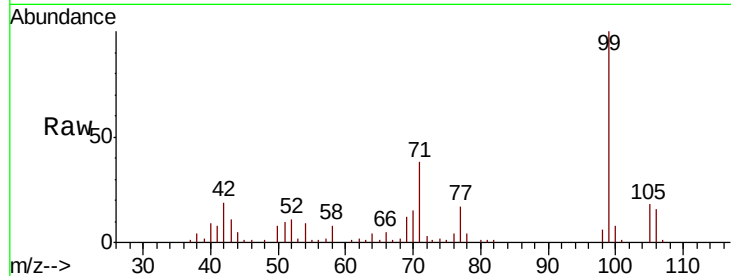
Tot Ion: 77 Resp: 10916

Ion Ratio Lower Upper

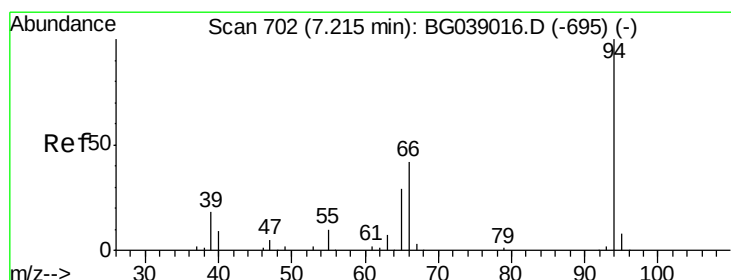
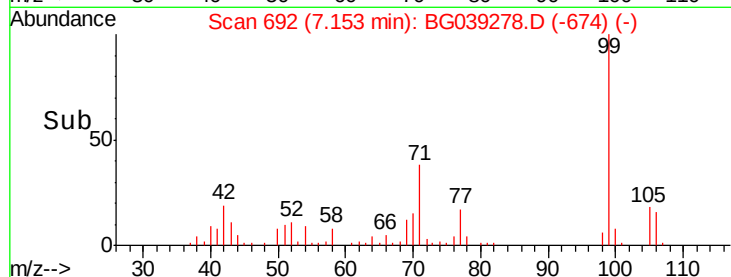
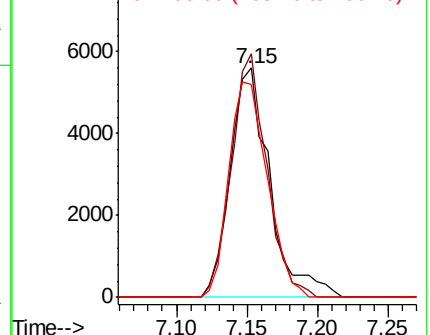
77 100

105 106.3 82.4 122.4

106 93.2 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: 49.030 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

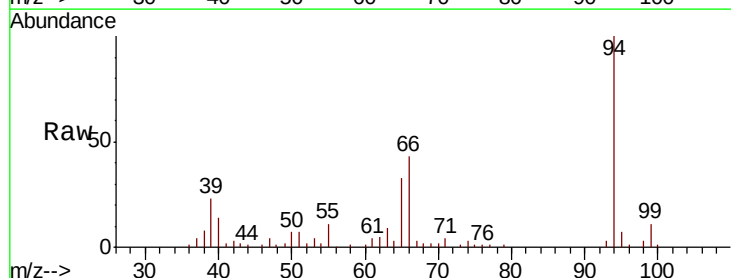
Tgt Ion: 94 Resp: 57613

Ion Ratio Lower Upper

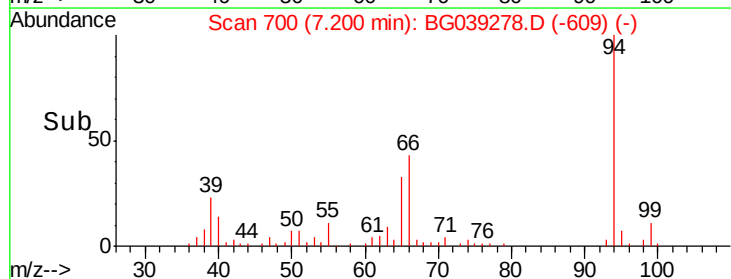
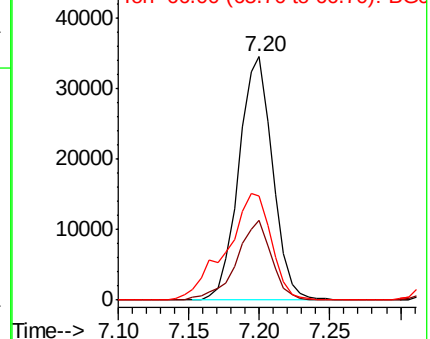
94 100

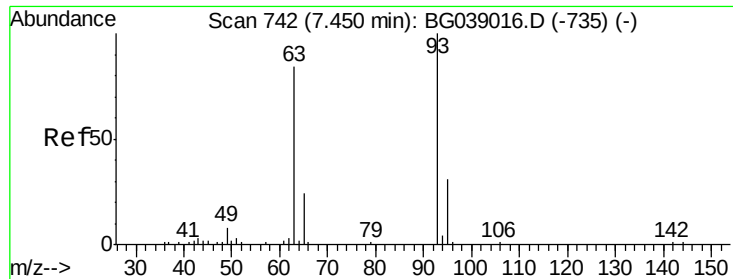
65 32.7 10.3 50.3

66 42.7 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

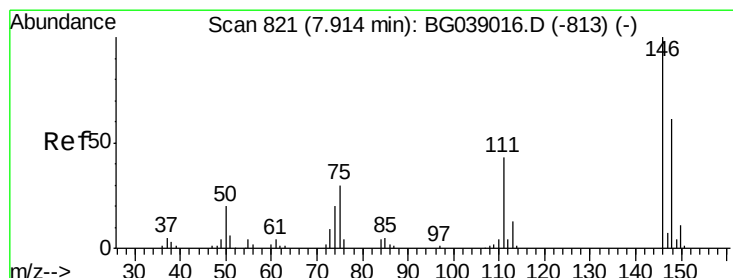
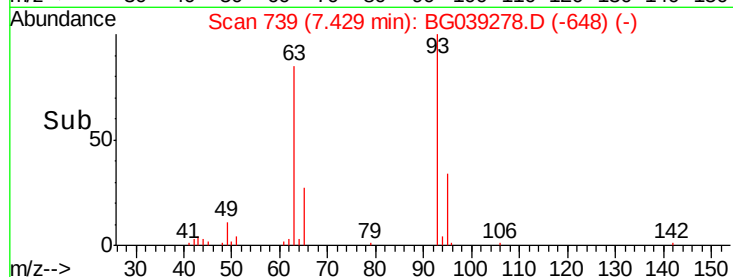
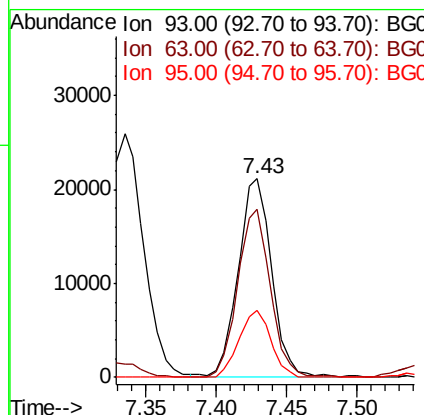
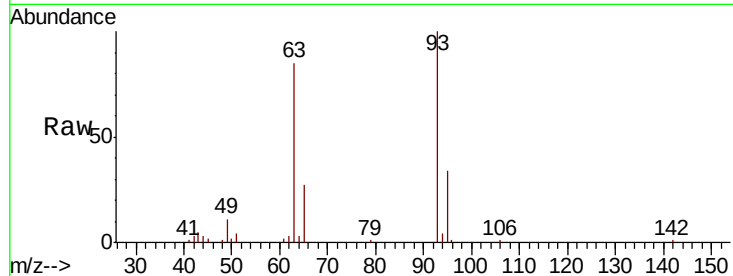




#11
 bis(2-Chloroethyl)ether
 Concen: 39.063 ng
 RT: 7.43 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

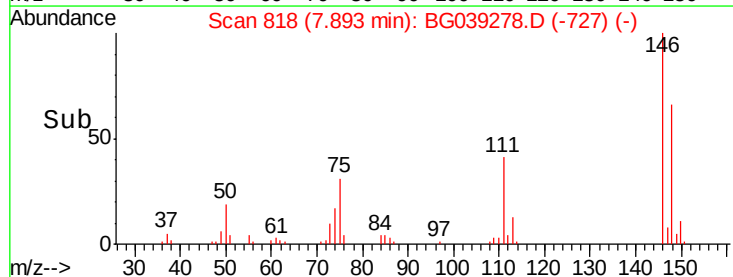
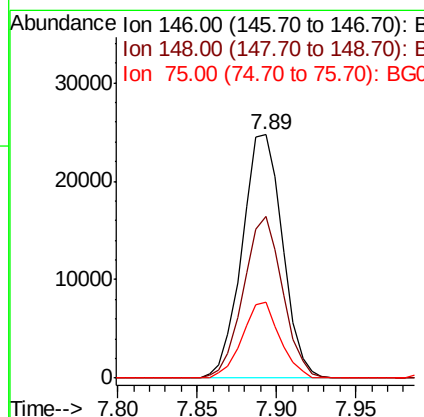
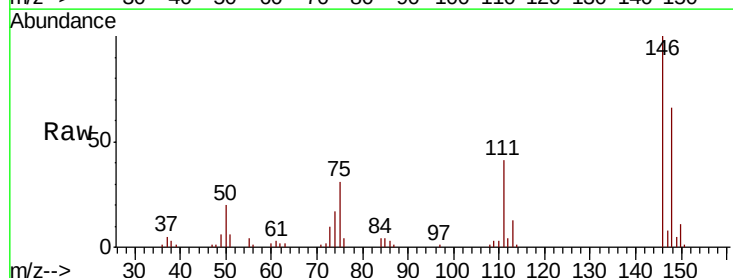
Instrument :
 BNA_G
 ClientSampleId :

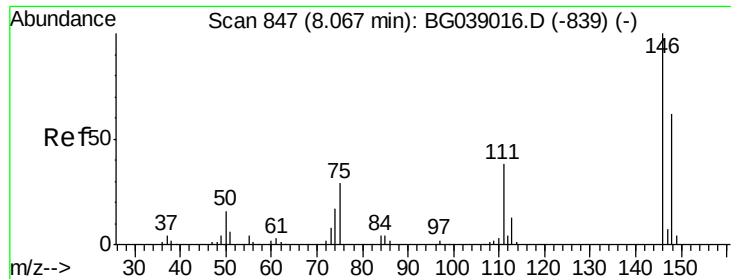
Tot Ion: 93 Resp: 35082
 Ion Ratio Lower Upper
 93 100
 63 84.8 63.2 103.2
 95 33.8 11.2 51.2



#12
 1,3-Dichlorobenzene
 Concen: 38.039 ng
 RT: 7.89 min Scan# 818
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion: 146 Resp: 43753
 Ion Ratio Lower Upper
 146 100
 148 66.5 49.1 73.7
 75 31.4 23.9 35.9

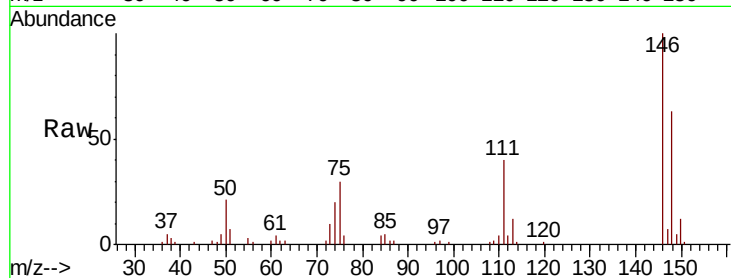




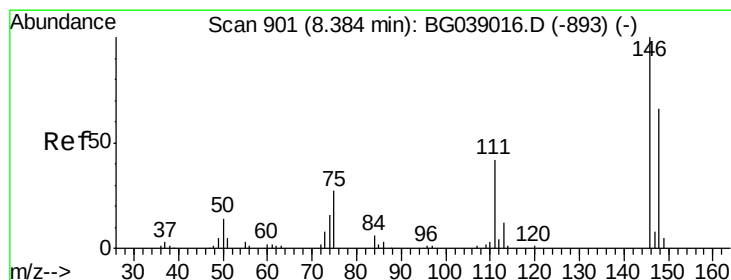
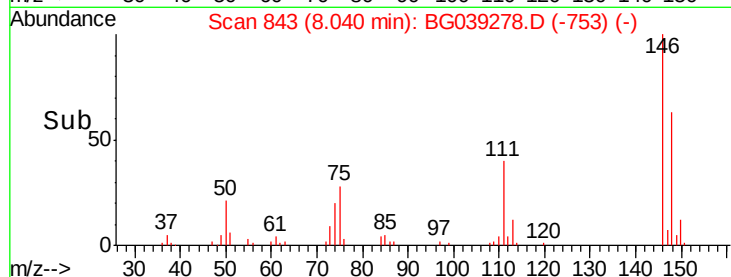
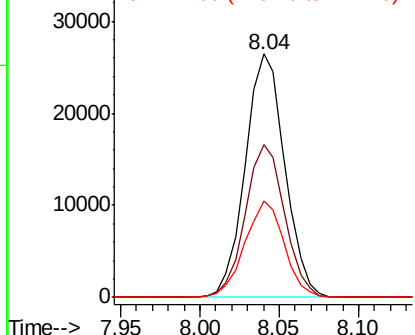
#13
 1,4-Dichlorobenzene
 Concen: 39.315 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 45798
 Ion Ratio Lower Upper
 146 100
 148 62.8 49.8 74.6
 111 39.8 30.6 45.8

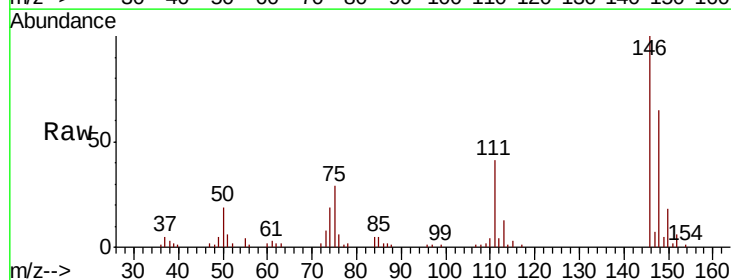


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

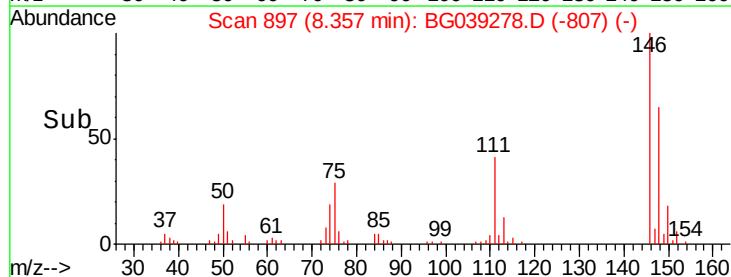
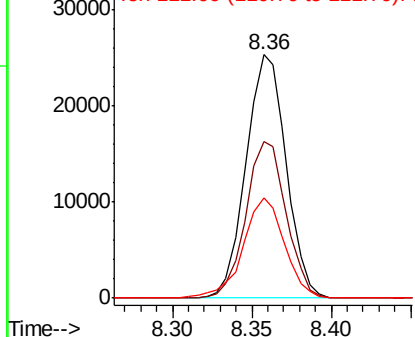


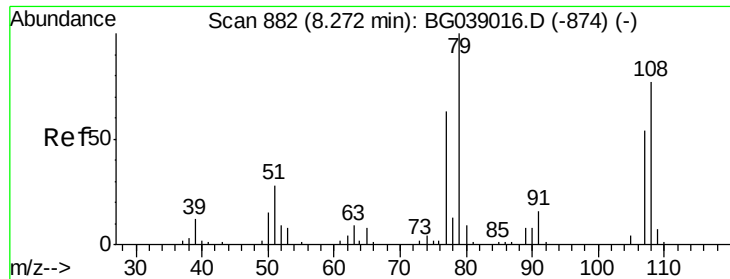
#14
 1,2-Dichlorobenzene
 Concen: 39.997 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:146 Resp: 44424
 Ion Ratio Lower Upper
 146 100
 148 64.5 52.6 79.0
 111 41.4 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: 42.828 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

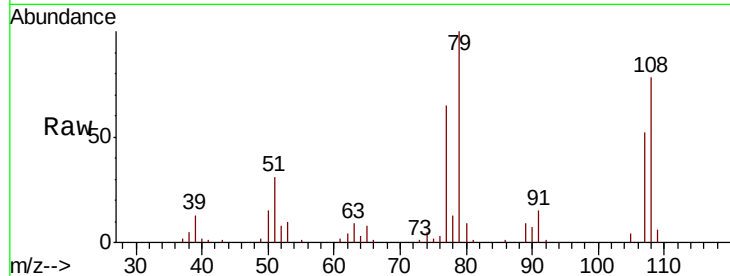
Tot Ion: 79 Resp: 37801

Ion Ratio Lower Upper

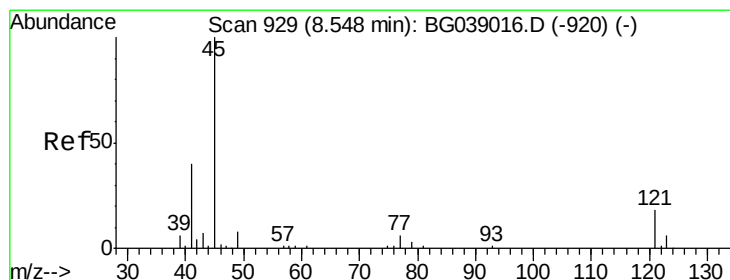
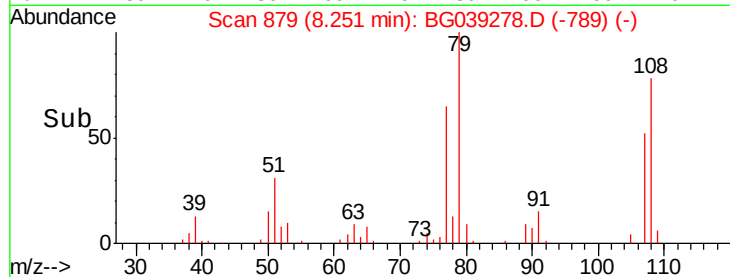
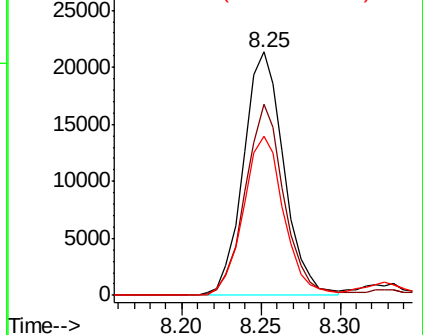
79 100

108 78.5 62.0 93.0

77 65.1 50.1 75.1



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.867 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

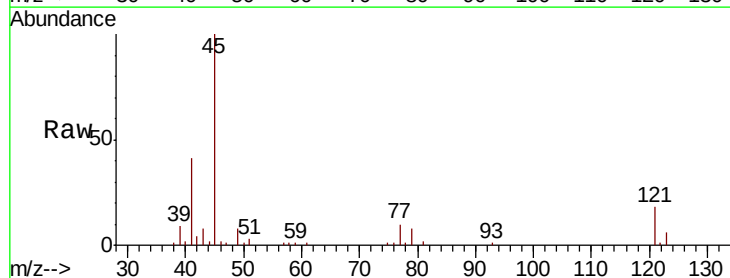
Tgt Ion: 45 Resp: 70376

Ion Ratio Lower Upper

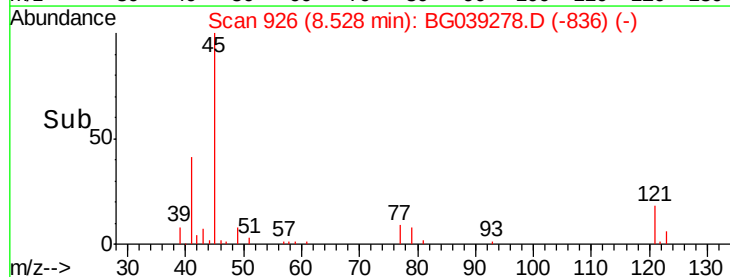
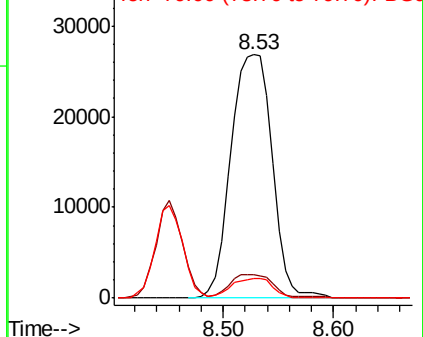
45 100

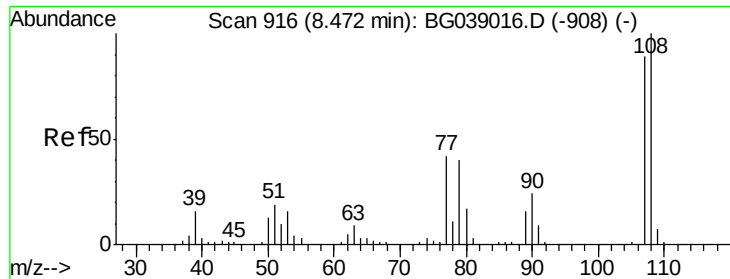
77 9.8 0.0 30.7

79 8.2 0.0 28.5



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

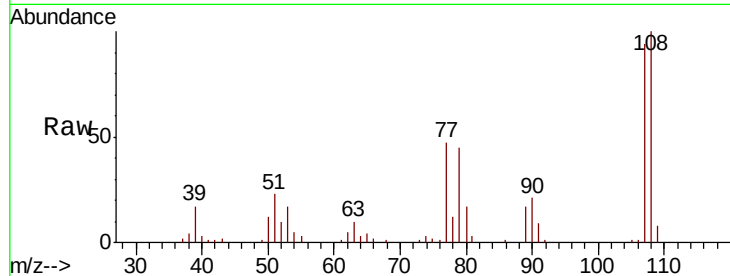




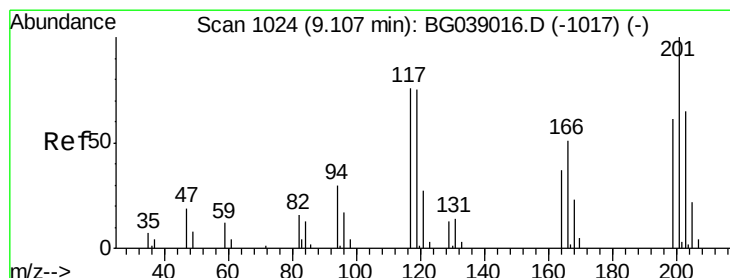
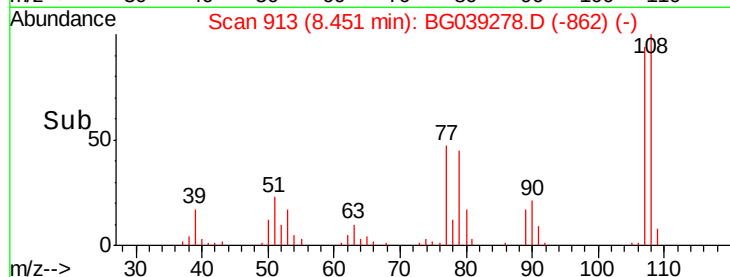
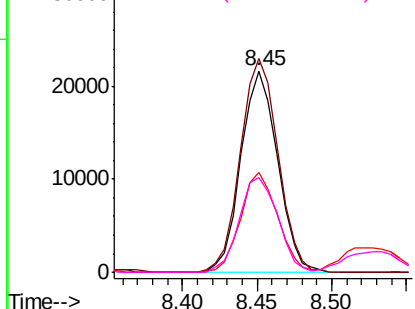
#17
2-Methylphenol
Concen: 45.218 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:107 Resp: 36894
Ion Ratio Lower Upper
107 100
108 106.2 90.3 135.5
77 49.6 38.3 57.5
79 47.3 35.8 53.6

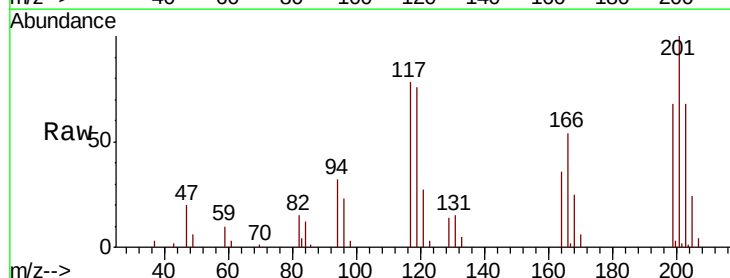


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

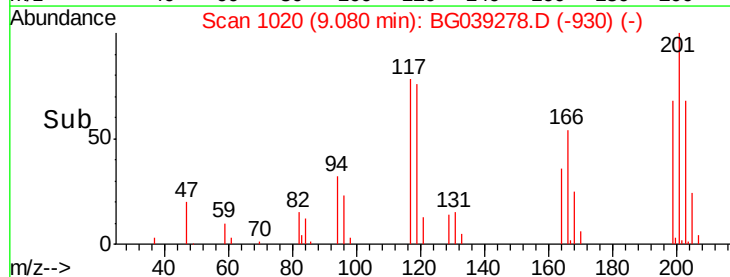
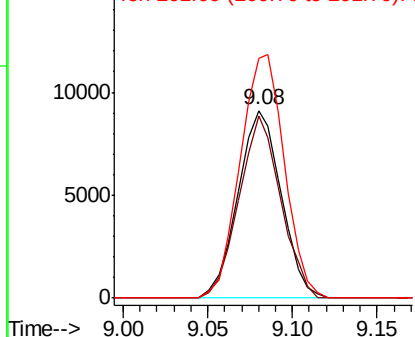


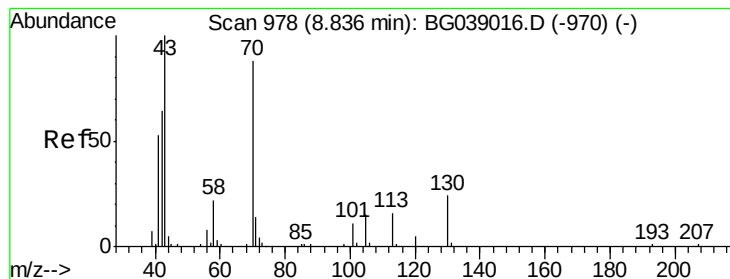
#18
Hexachloroethane
Concen: 40.909 ng
RT: 9.08 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:117 Resp: 16190
Ion Ratio Lower Upper
117 100
119 97.0 78.7 118.1
201 130.6 108.1 162.1



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: 37.677 ng

RT: 8.81 min Scan# 974

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 28998

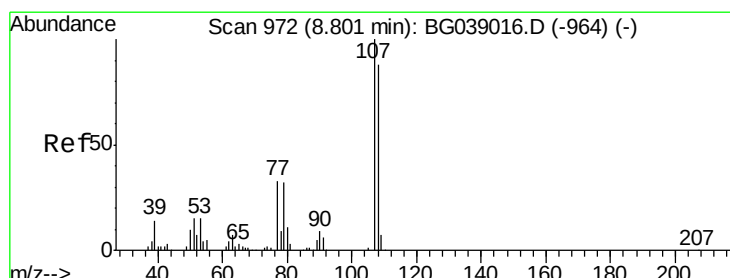
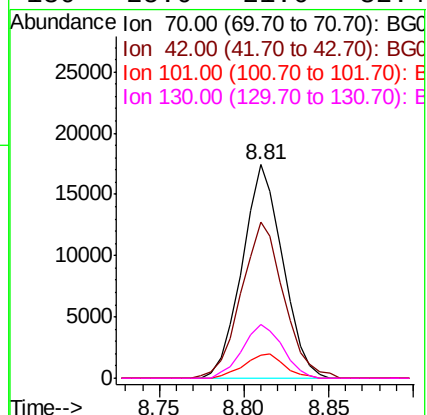
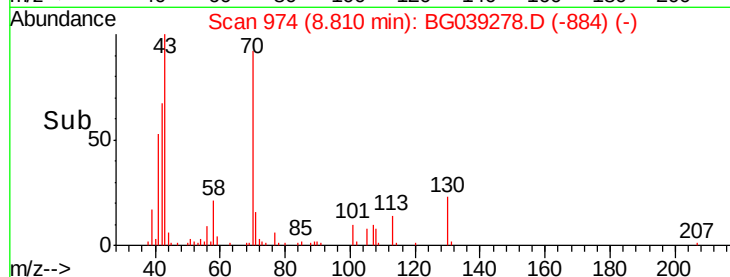
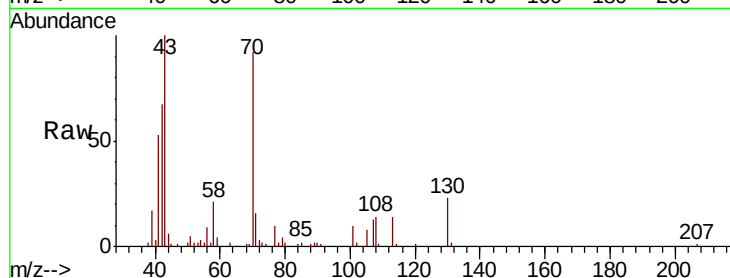
Ion	Ratio	Lower	Upper
70	100		
42	73.2	59.0	88.4
101	10.7	10.4	15.6
130	25.0	21.6	32.4

Abundance Ion 70.00 (69.70 to 70.70): BG0

Ion 42.00 (41.70 to 42.70): BG0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.691 ng

RT: 8.78 min Scan# 969

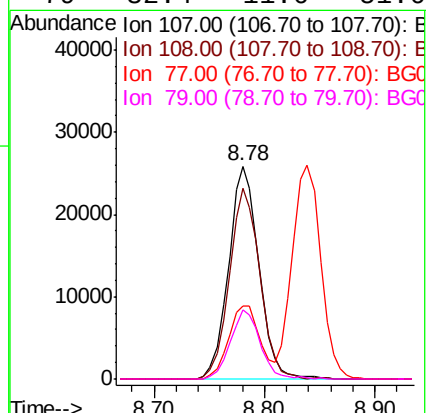
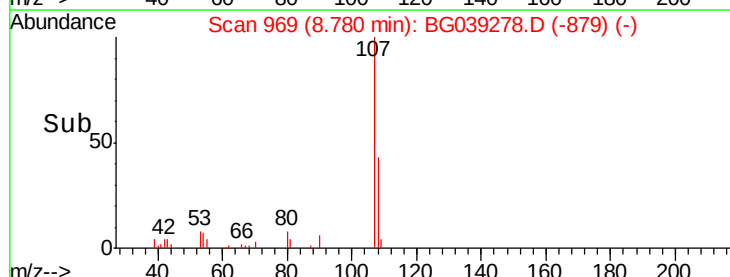
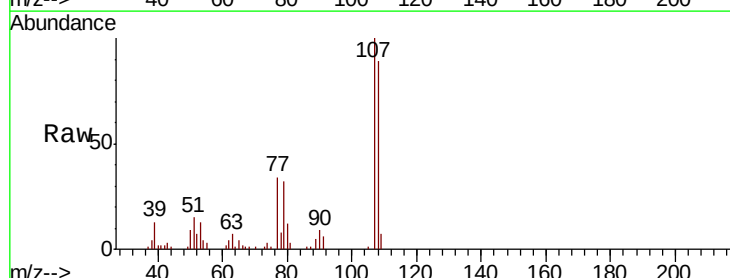
Delta R.T. -0.00 min

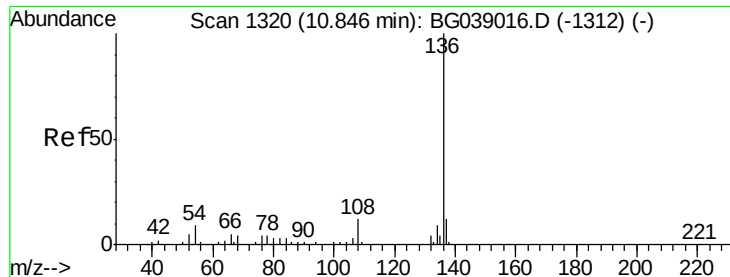
Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Tgt Ion:107 Resp: 49662

Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.4	108.4
77	34.2	13.3	53.3
79	32.4	11.6	51.6

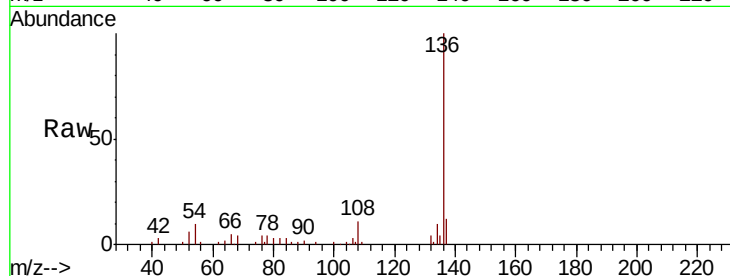




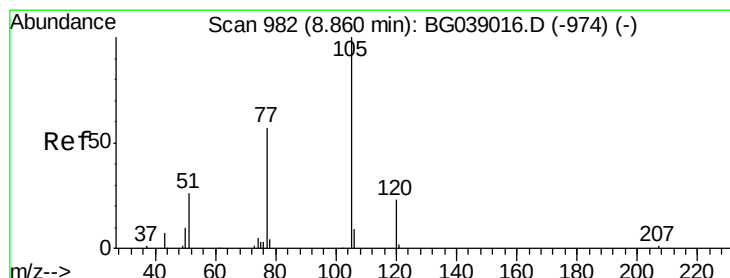
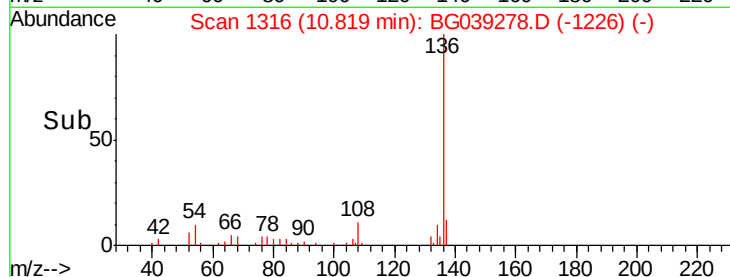
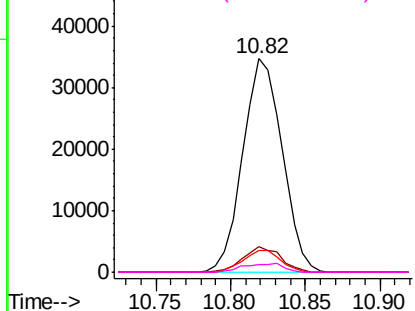
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	63378
Ion Ratio	Lower	Upper
136	100	
137	12.2	9.4 14.2
54	9.9	7.2 10.8
68	3.9	3.5 5.3

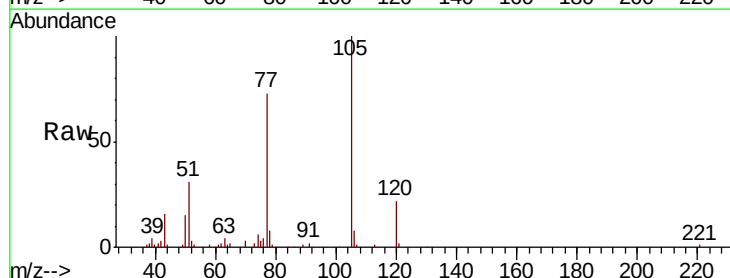


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

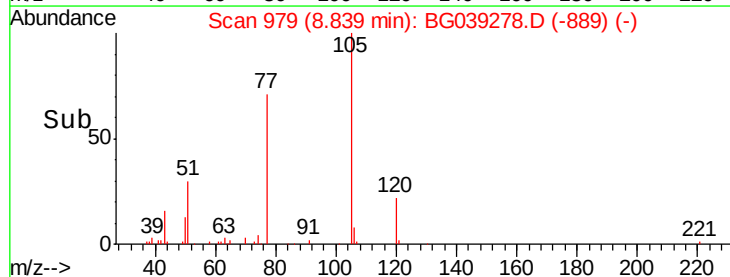
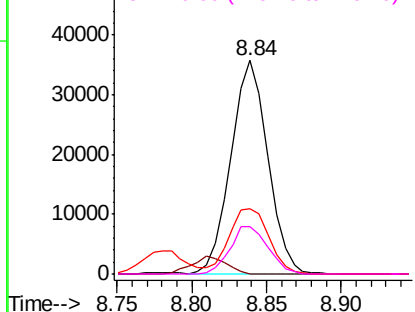


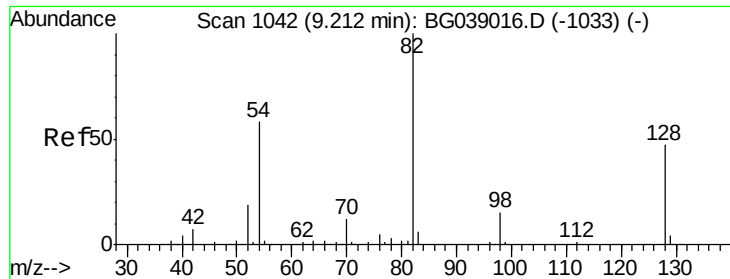
#22
Acetophenone
Concen: 37.285 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:105	Resp:	61711
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.6 1.0#
51	30.8	26.6 39.8
120	22.2	17.9 26.9



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

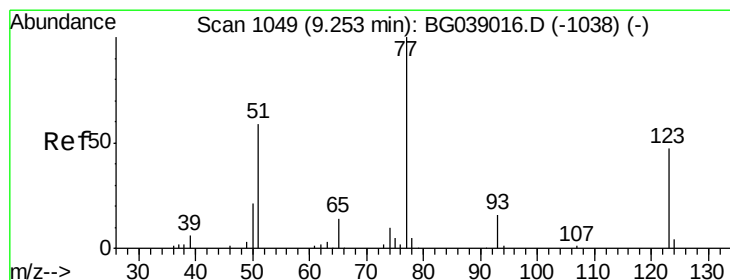
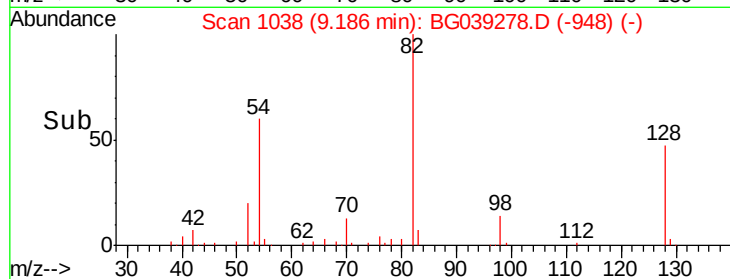
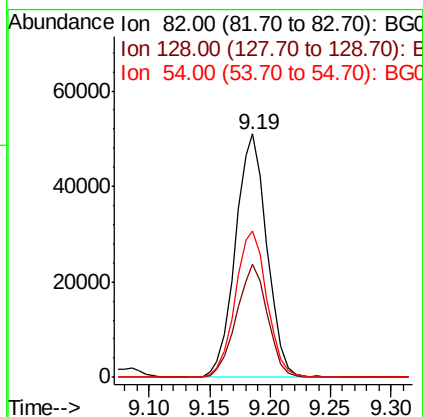
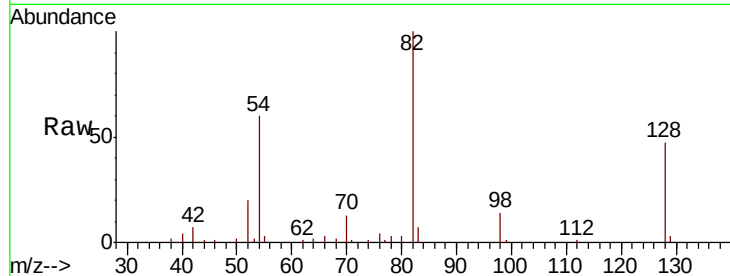




#23
 Nitrobenzene-d5
 Concen: 79.780 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

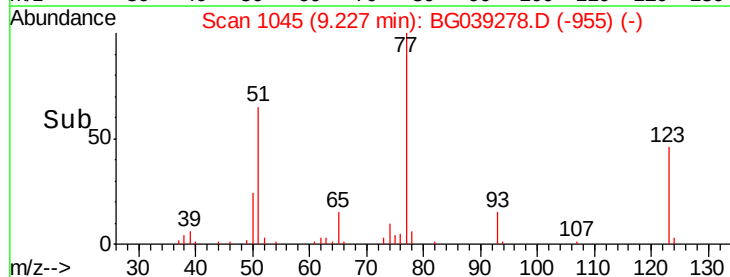
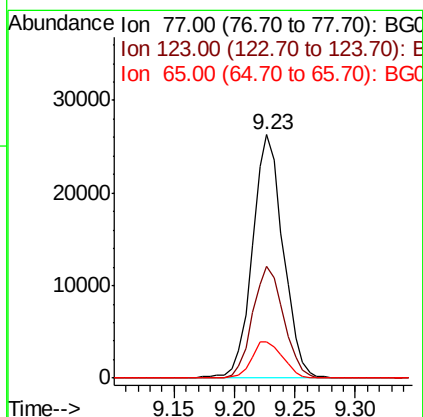
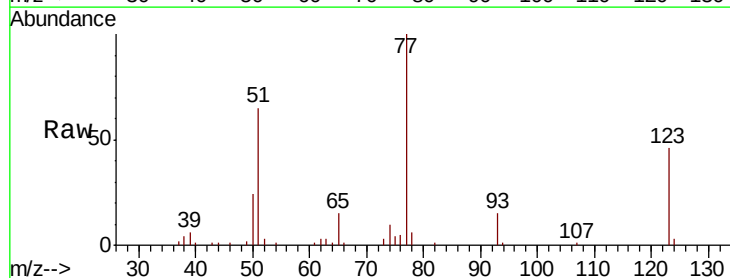
Instrument :
 BNA_G
 ClientSampleId :

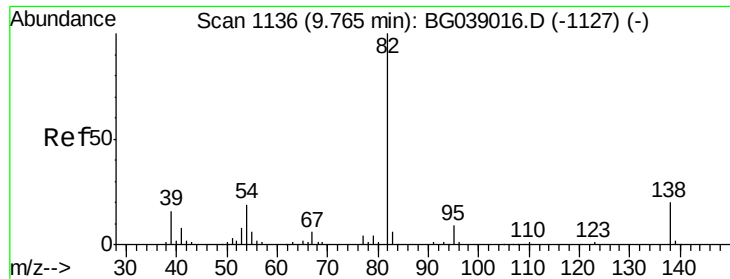
Tot Ion: 82 Resp: 92404
 Ion Ratio Lower Upper
 82 100
 128 46.7 37.3 55.9
 54 60.0 46.4 69.6



#24
 Nitrobenzene
 Concen: 39.640 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion: 77 Resp: 46407
 Ion Ratio Lower Upper
 77 100
 123 45.7 37.6 56.4
 65 15.1 11.0 16.6

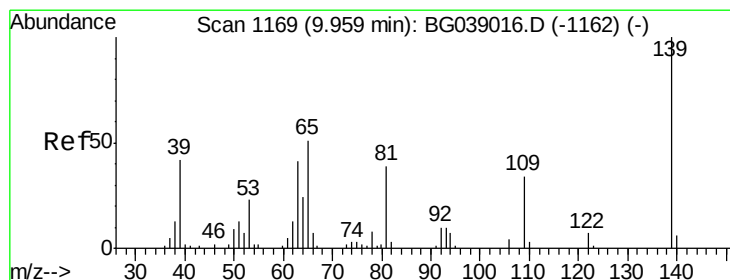
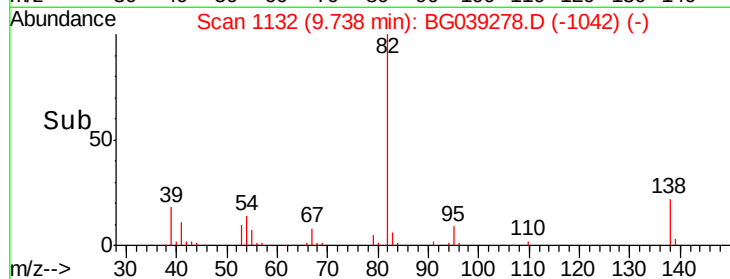
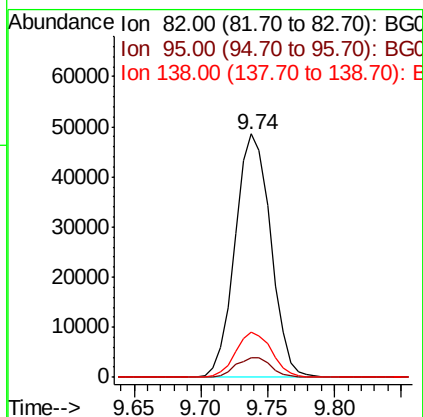
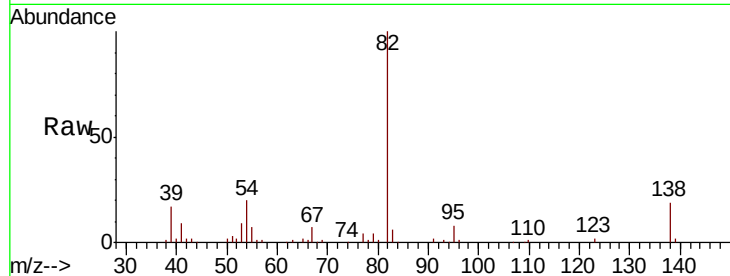




#25
Isophorone
Concen: 44.902 ng
RT: 9.74 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

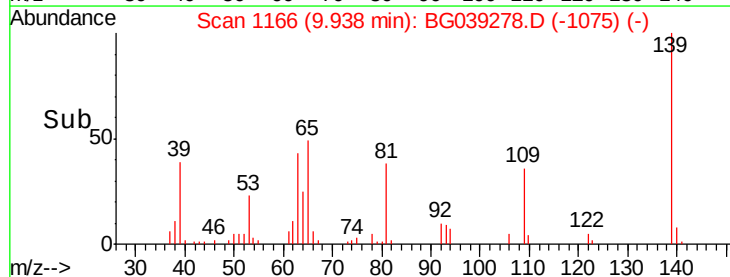
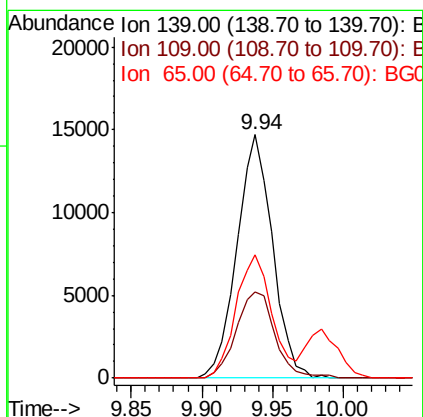
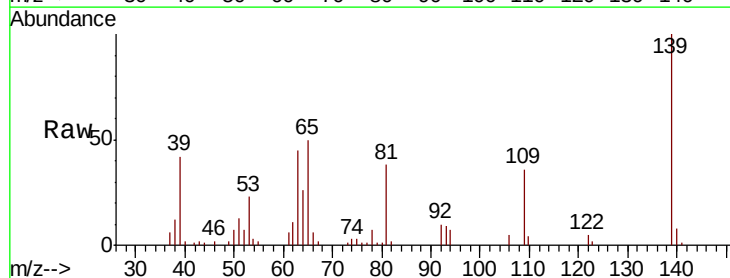
Instrument :
BNA_G
ClientSampleId :

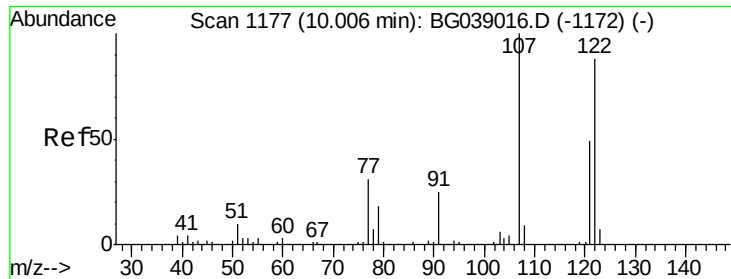
Tot Ion: 82 Resp: 89585
Ion Ratio Lower Upper
82 100
95 8.2 7.0 10.6
138 18.8 16.2 24.4



#26
2-Nitrophenol
Concen: 40.916 ng
RT: 9.94 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion: 139 Resp: 25909
Ion Ratio Lower Upper
139 100
109 35.6 27.3 40.9
65 50.5 40.6 61.0

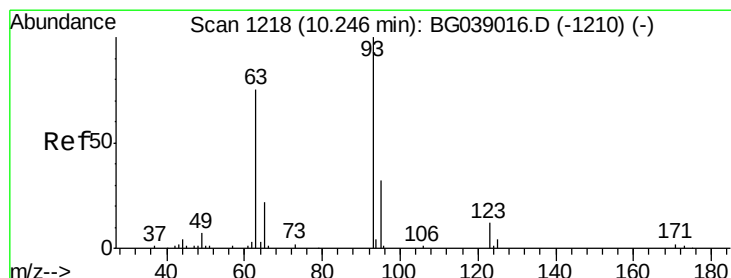
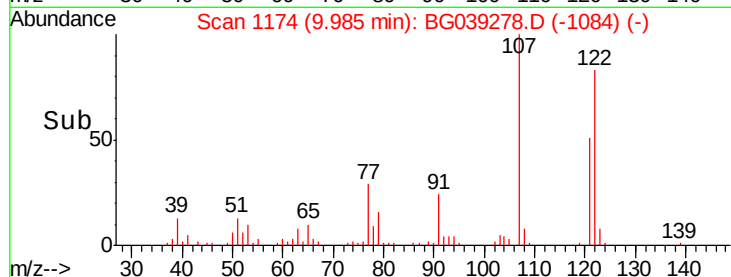
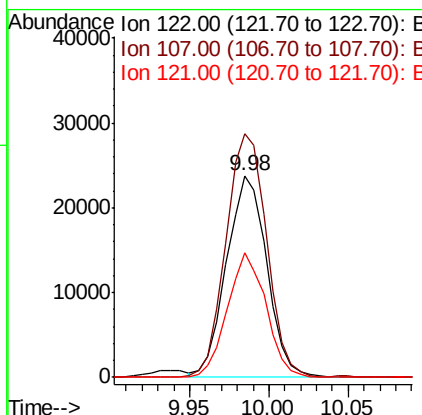
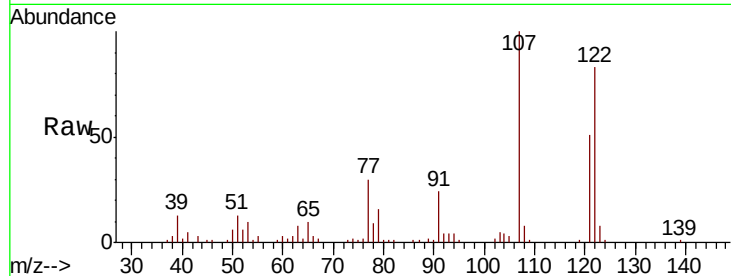




#27
 2,4-Dimethylphenol
 Concen: 47.063 ng
 RT: 9.98 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

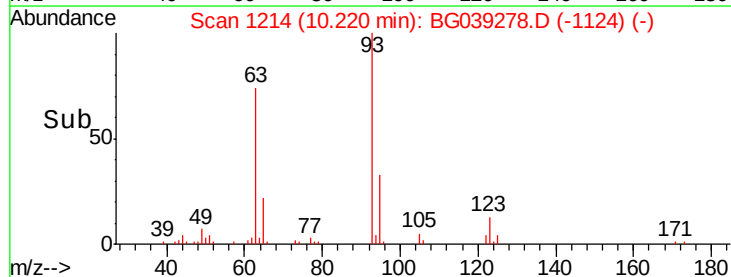
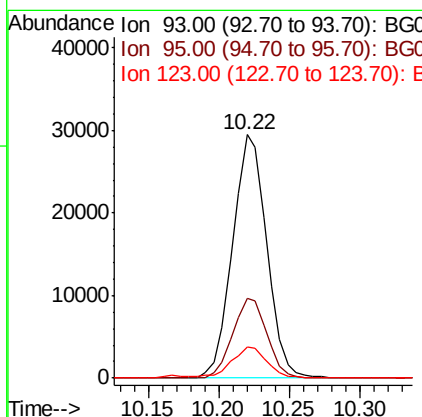
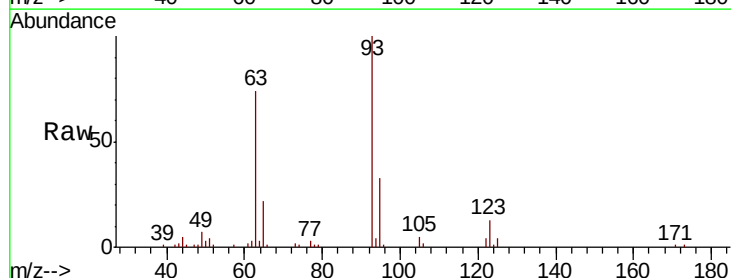
Instrument :
 BNA_G
 ClientSampleId :

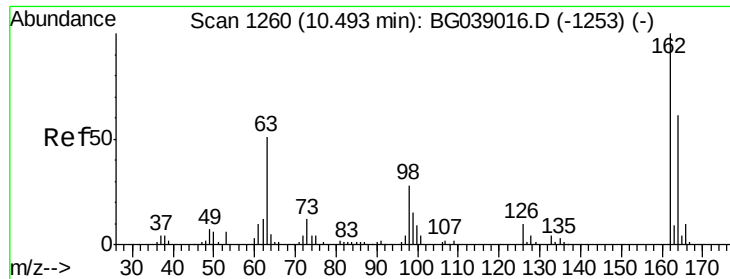
Tot Ion:122 Resp: 41927
 Ion Ratio Lower Upper
 122 100
 107 120.7 88.8 133.2
 121 61.9 43.1 64.7



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.472 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion: 93 Resp: 49728
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.6 38.4
 123 12.9 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 45.267 ng

RT: 10.47 min Scan# 1257

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

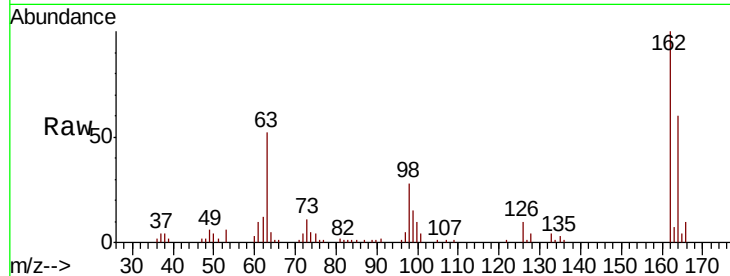
Tot Ion:162 Resp: 50100

Ion Ratio Lower Upper

162 100

164 60.5 41.3 81.3

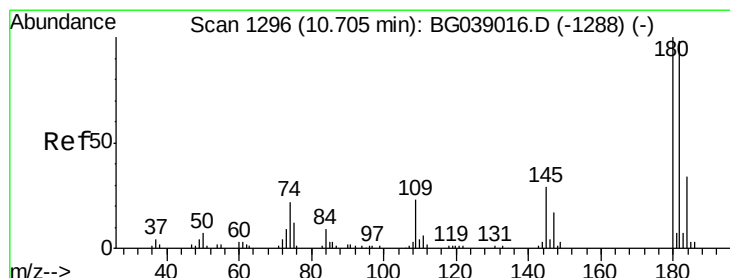
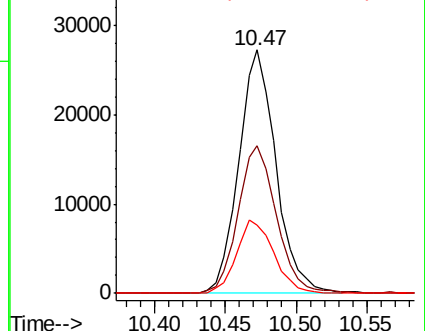
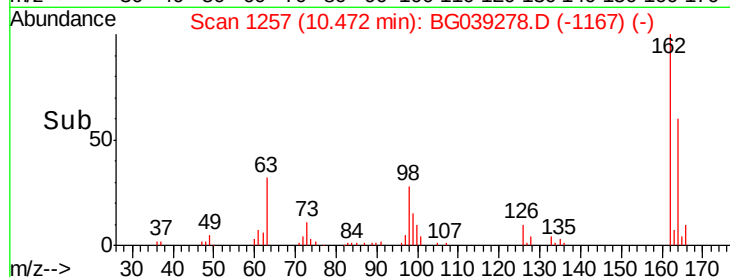
98 28.3 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 39.234 ng

RT: 10.68 min Scan# 1292

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

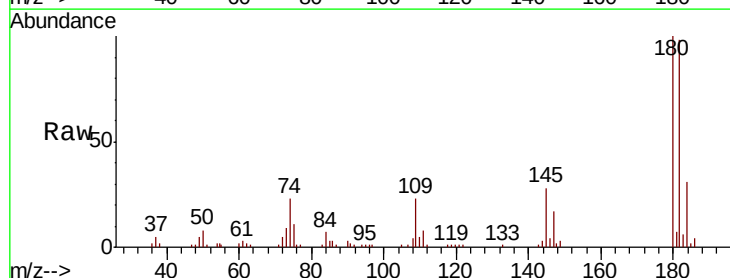
Tgt Ion:180 Resp: 52173

Ion Ratio Lower Upper

180 100

182 98.2 78.1 117.1

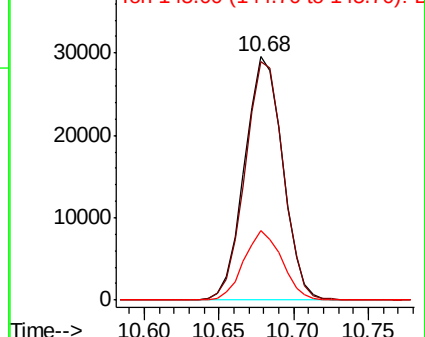
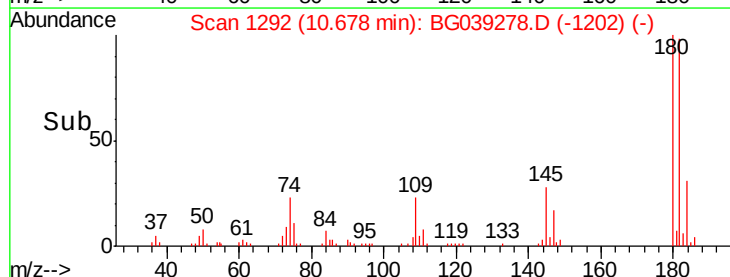
145 28.3 23.1 34.7

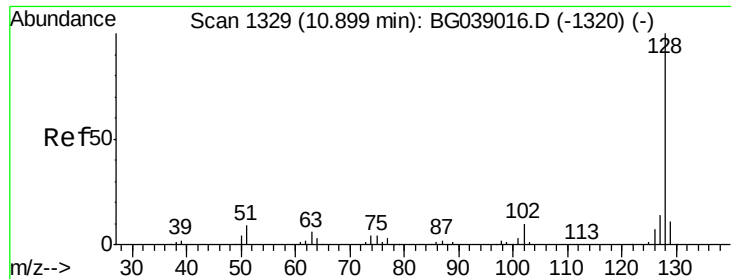


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

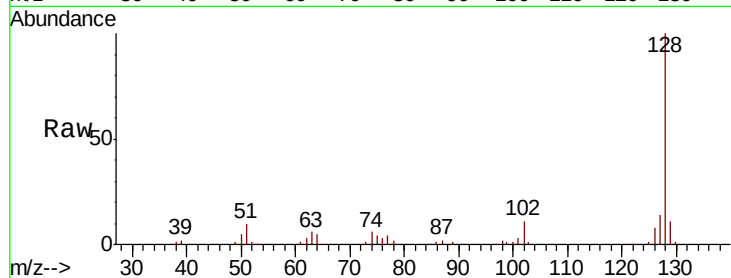




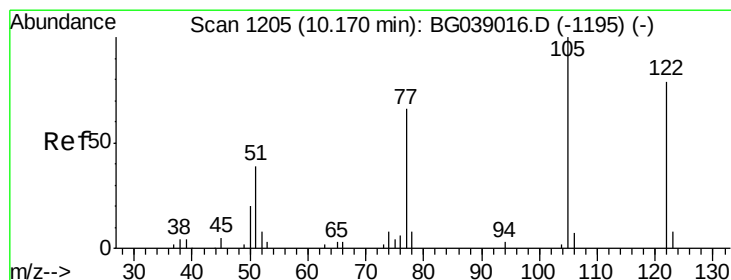
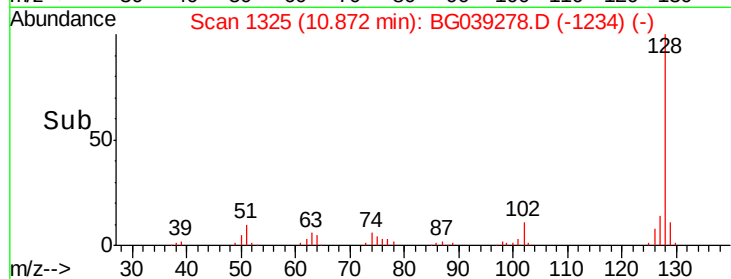
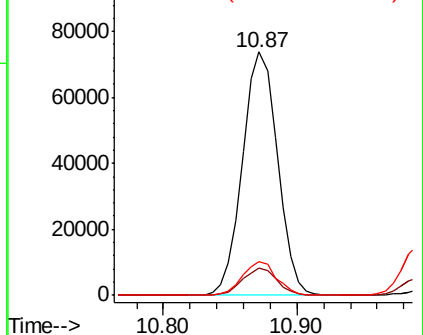
#31
Naphthalene
Concen: 42.048 ng
RT: 10.87 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 133659
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.8 11.2 16.8

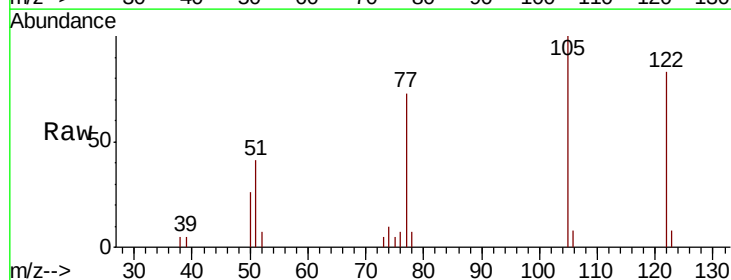


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

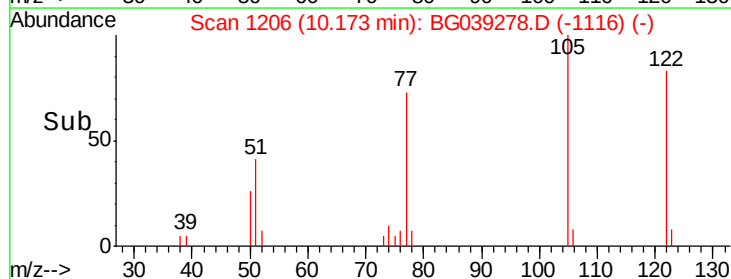
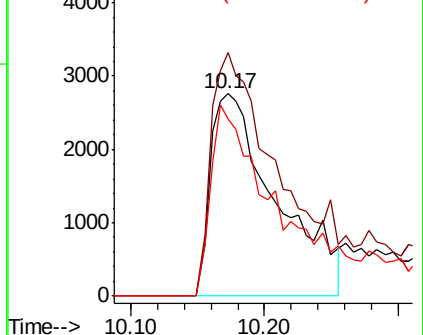


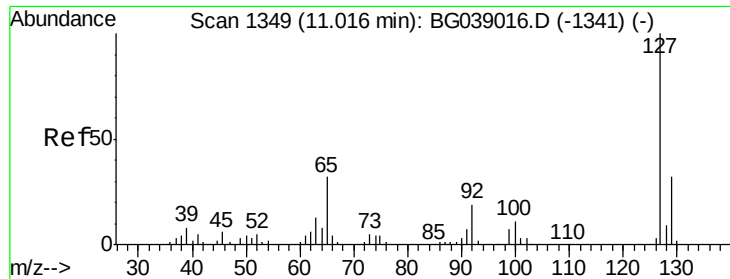
#32
Benzoic acid
Concen: 23.310 ng
RT: 10.17 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:122 Resp: 9457
Ion Ratio Lower Upper
122 100
105 120.5 106.4 146.4
77 87.4 63.6 103.6



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

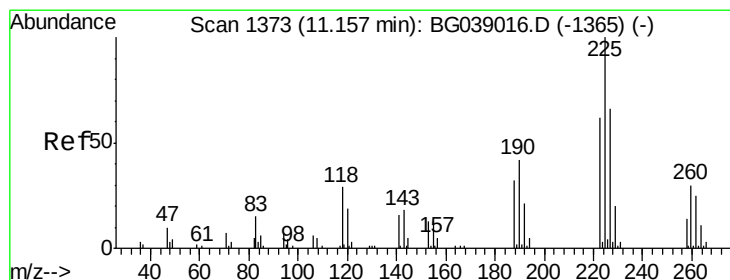
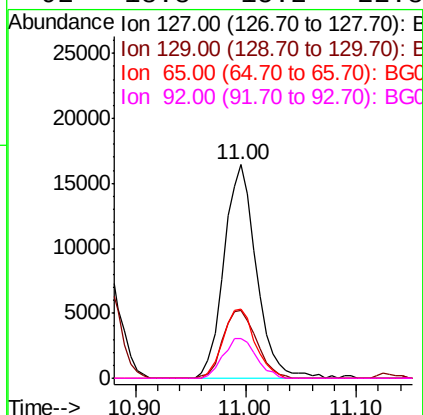
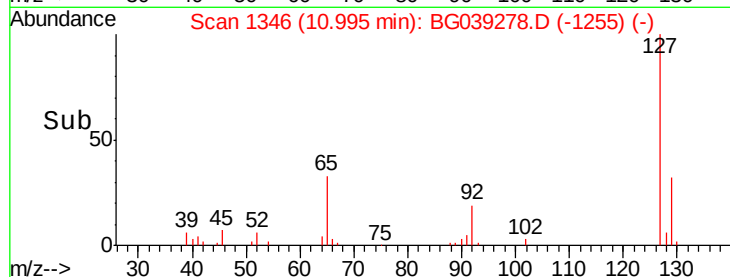
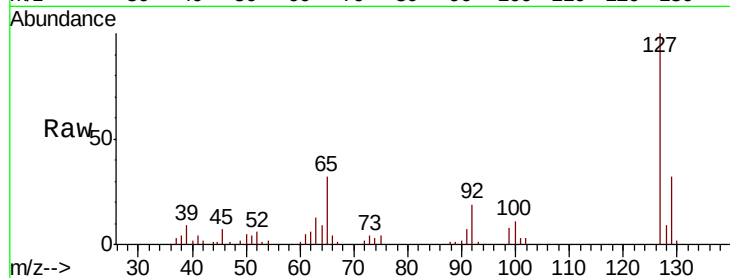




#33
4-Chloroaniline
Concen: 23.721 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

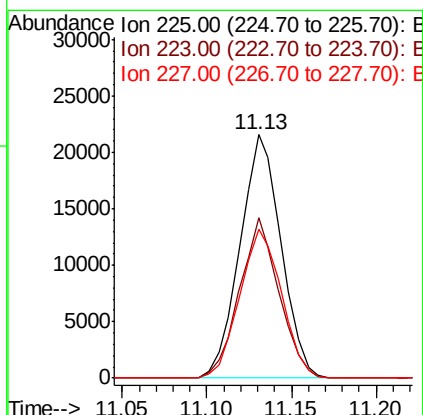
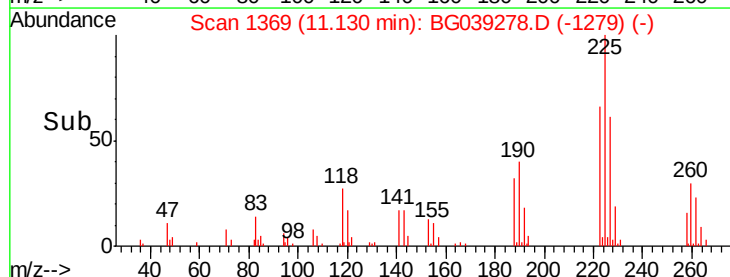
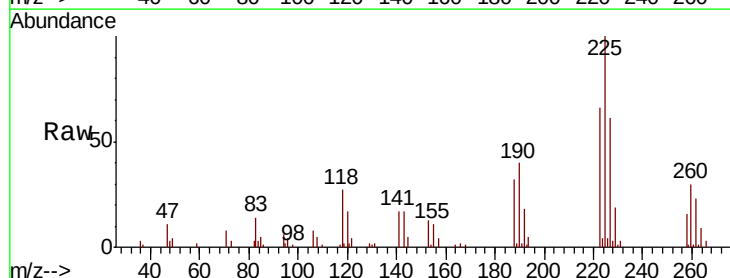
Instrument :
BNA_G
ClientSampled :

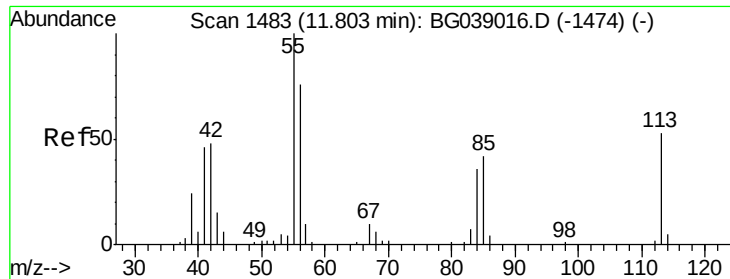
Tot Ion:	127	Resp:	33739
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.4	38.0
65	32.4	25.4	38.0
92	18.8	15.2	22.8



#34
Hexachlorobutadiene
Concen: 39.791 ng
RT: 11.13 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:	225	Resp:	36409
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.2	75.4
227	61.3	53.2	79.8





#35

Caprolactam

Concen: 18.481 ng

RT: 11.82 min Scan# 1486

Delta R.T. 0.04 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

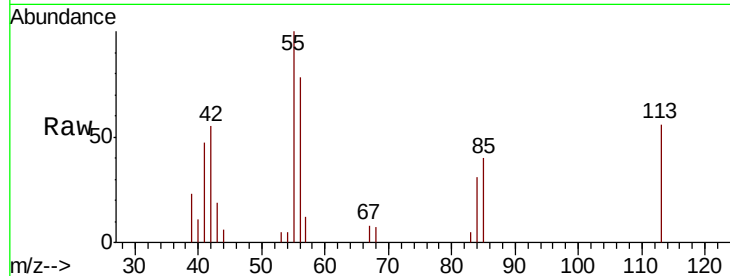
Tot Ion:113 Resp: 8202

Ion Ratio Lower Upper

113 100

55 177.1 168.6 208.6

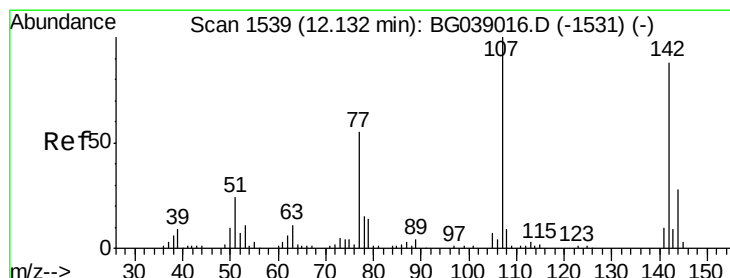
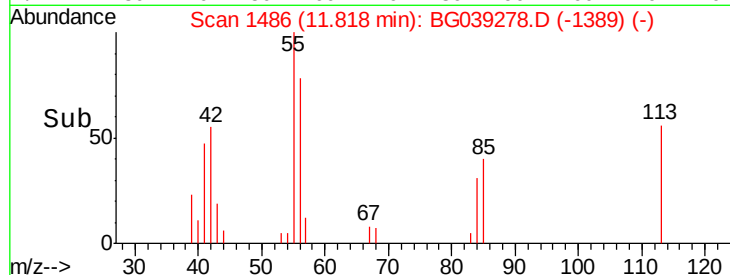
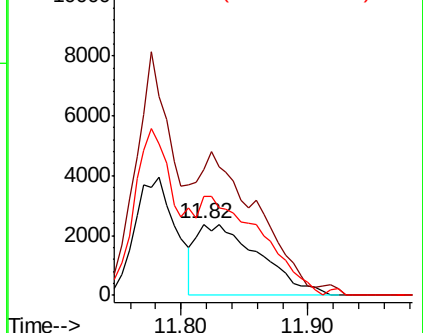
56 137.9 123.2 163.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.023 ng

RT: 12.11 min Scan# 1536

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

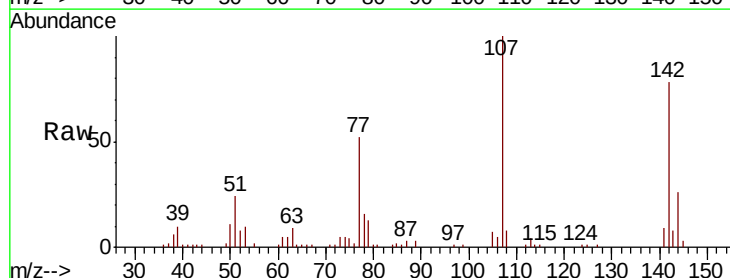
Tgt Ion:107 Resp: 49744

Ion Ratio Lower Upper

107 100

144 26.4 22.6 34.0

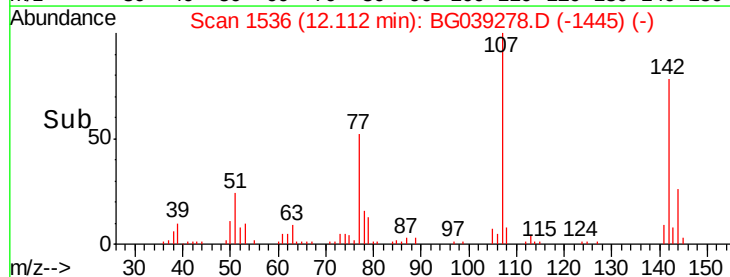
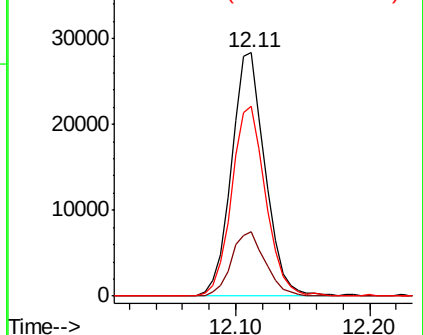
142 77.9 70.2 105.4

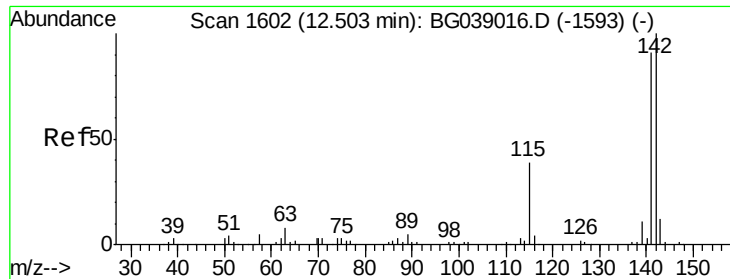


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

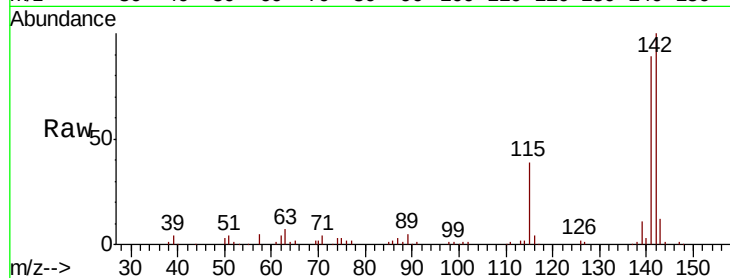




#37
2-Methylnaphthalene
Concen: 43.196 ng
RT: 12.48 min Scan# 1598
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	109.0
115	38.7	31.1	46.7

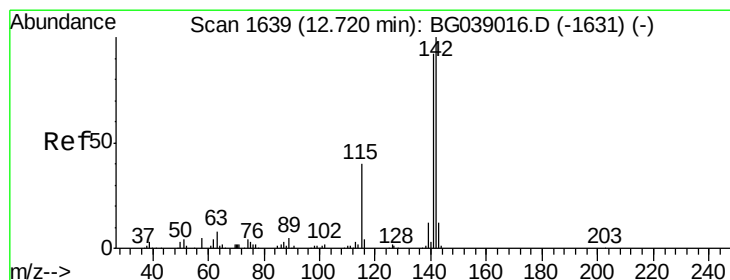
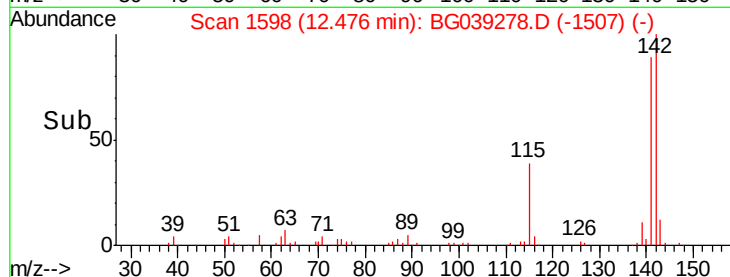
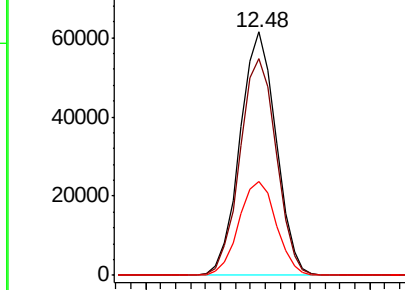


Abundance

Ion 142.00 (141.70 to 142.70): E

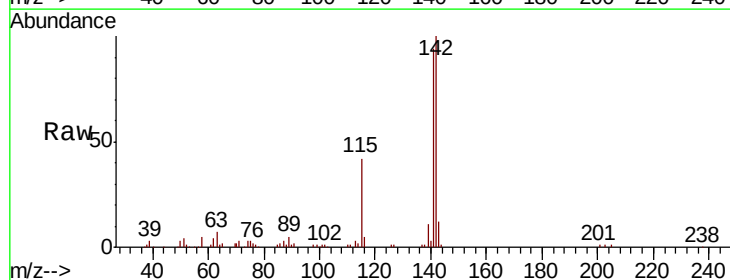
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.942 ng
RT: 12.69 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.3	109.9
116	4.6	3.1	4.7

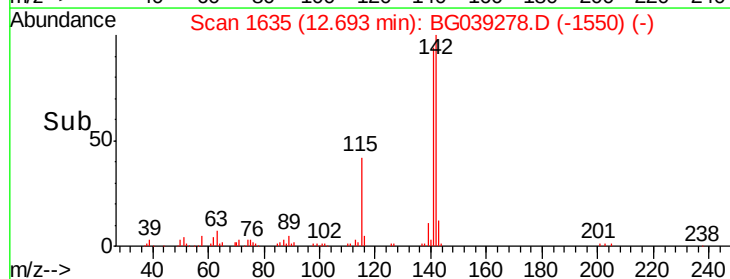
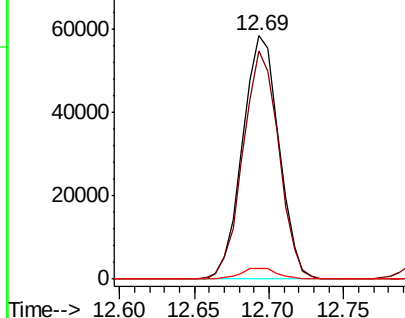


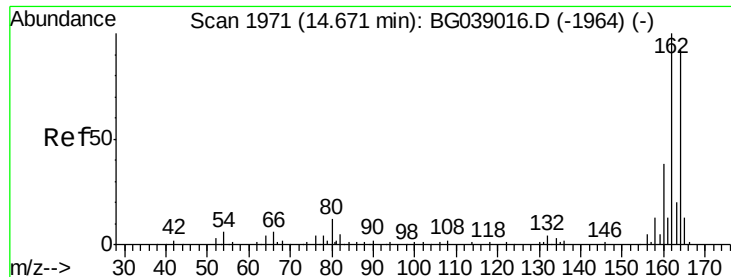
Abundance

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: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

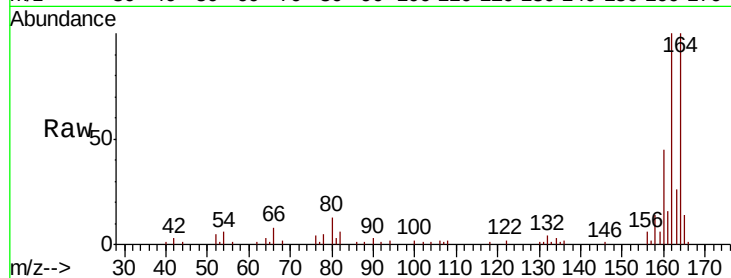
Tot Ion:164 Resp: 44803

Ion Ratio Lower Upper

164 100

162 99.9 87.2 130.8

160 44.6 33.3 49.9

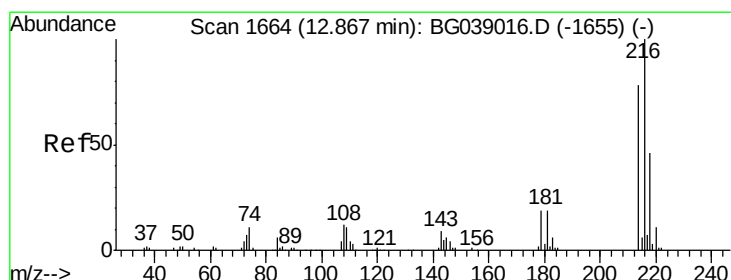
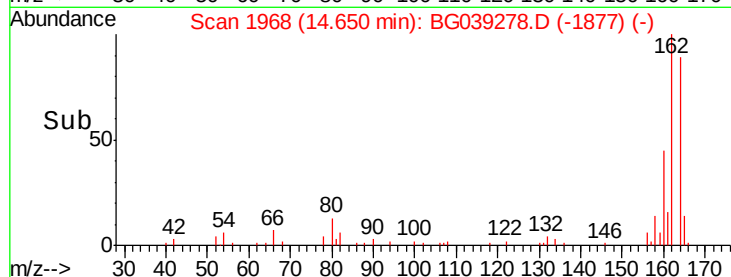
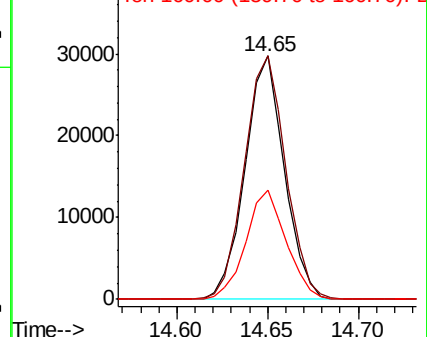


Abundance

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: 40.821 ng

RT: 12.84 min Scan# 1660

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Tgt Ion:216 Resp: 68686

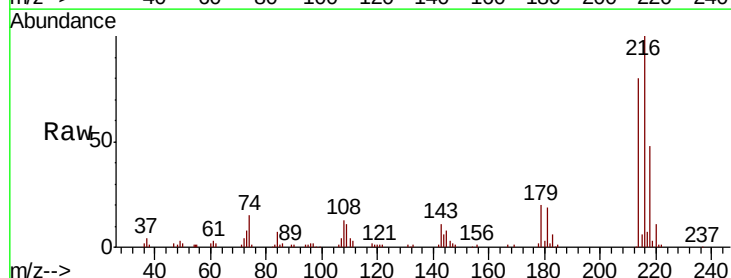
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 19.7 15.5 23.3

108 16.1 11.4 17.2



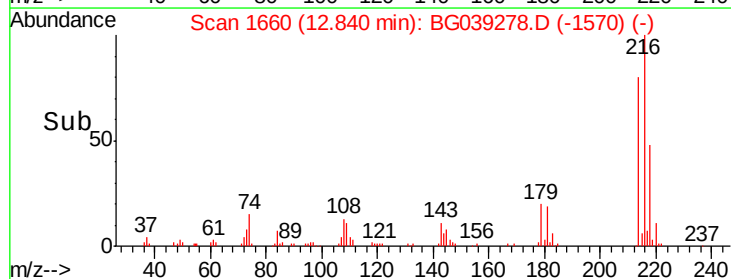
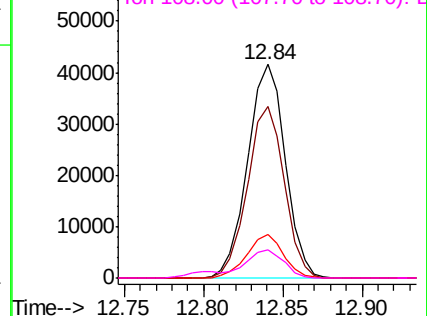
Abundance

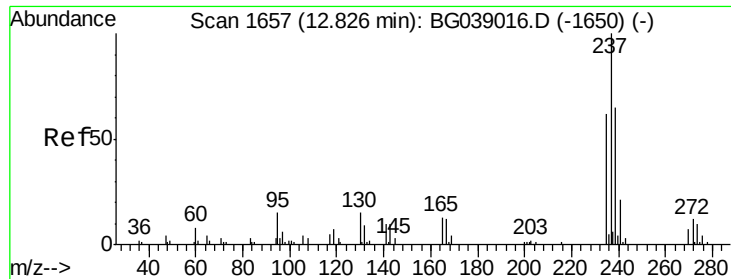
Ion 216.00 (215.70 to 216.70): E

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

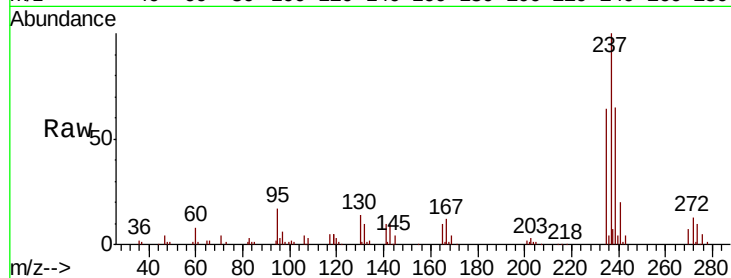




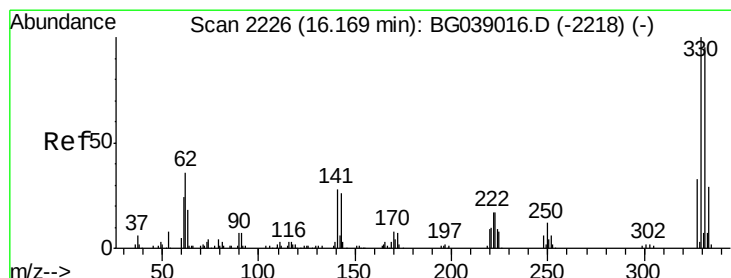
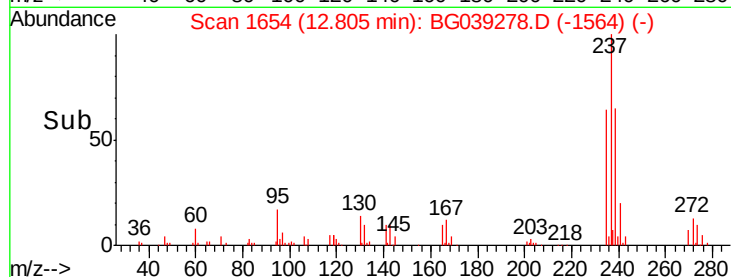
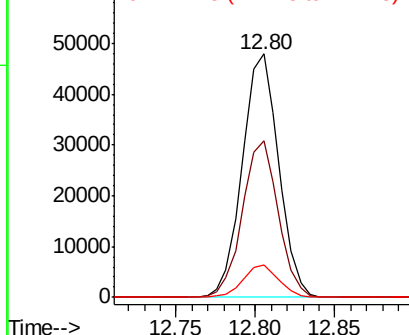
#41
Hexachlorocyclopentadiene
Concen: 80.567 ng
RT: 12.80 min Scan# 1654
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 76391
Ion Ratio Lower Upper
237 100
235 64.2 41.7 81.7
272 13.2 0.0 32.1

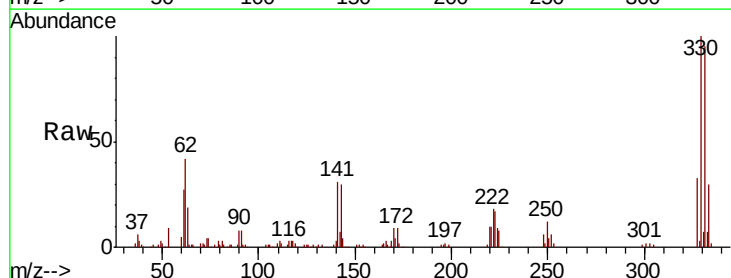


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

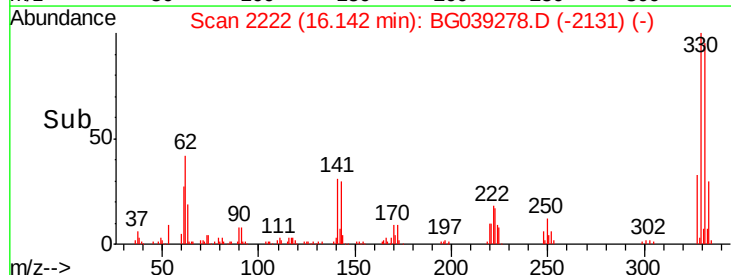
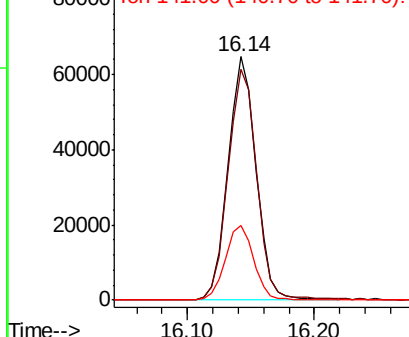


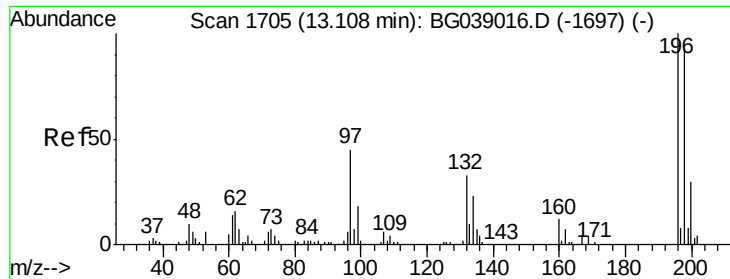
#42
2,4,6-Tribromophenol
Concen: 131.518 ng
RT: 16.14 min Scan# 2222
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:330 Resp: 98773
Ion Ratio Lower Upper
330 100
332 97.3 75.7 113.5
141 30.8 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

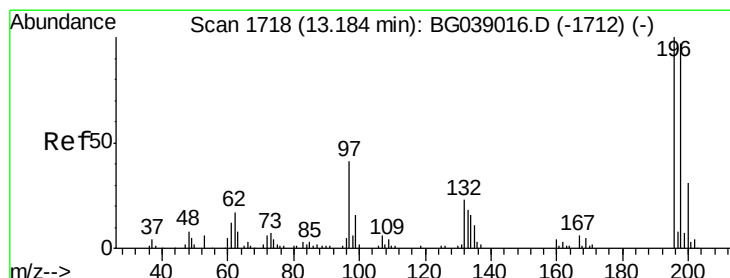
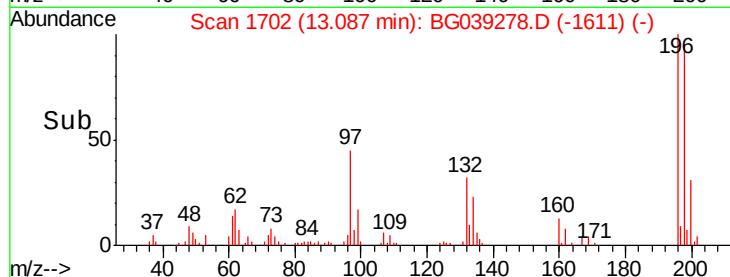
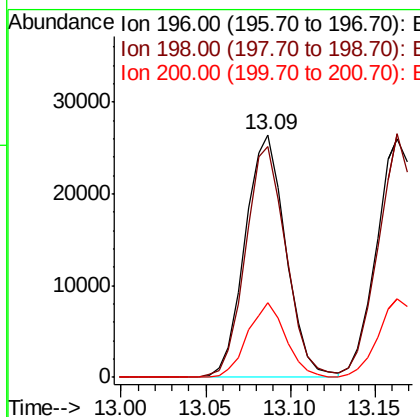
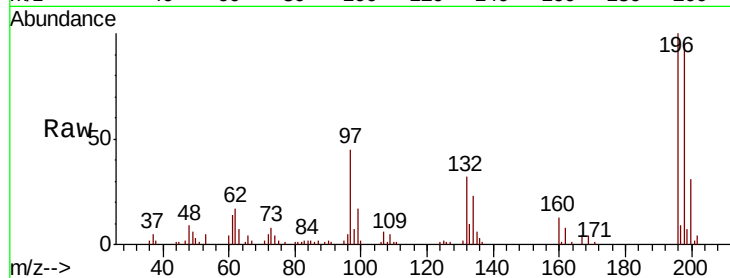




#43
 2,4,6-Trichlorophenol
 Concen: 41.909 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

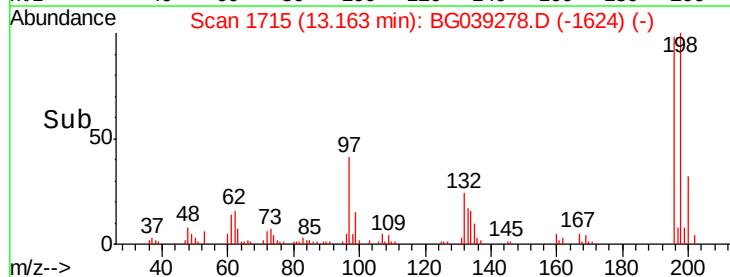
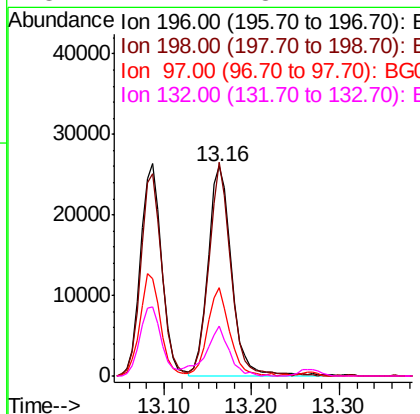
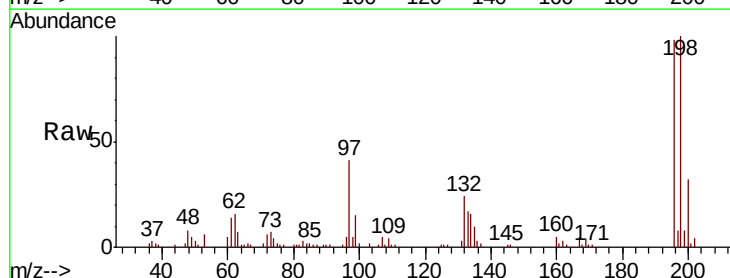
Instrument :
 BNA_G
 ClientSampleId :

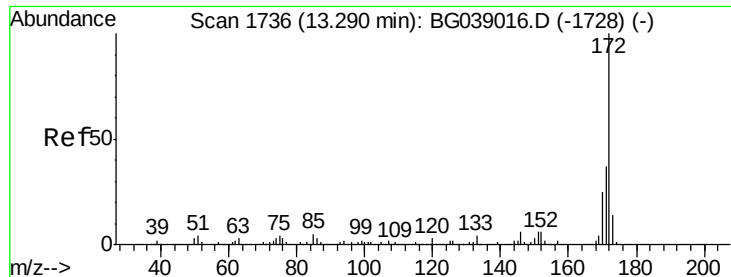
Tot Ion:196 Resp: 44381
 Ion Ratio Lower Upper
 196 100
 198 95.1 74.5 111.7
 200 30.6 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 43.817 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:196 Resp: 49043
 Ion Ratio Lower Upper
 196 100
 198 101.9 78.1 117.1
 97 42.0 33.2 49.8
 132 24.1 18.2 27.4

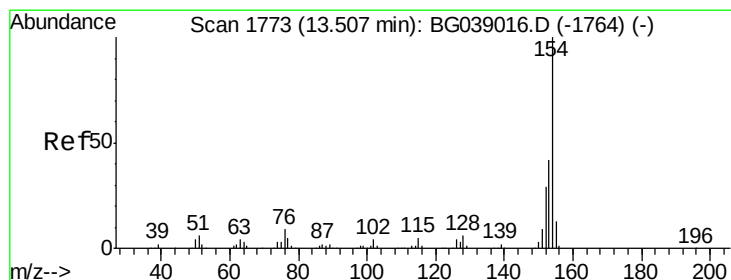
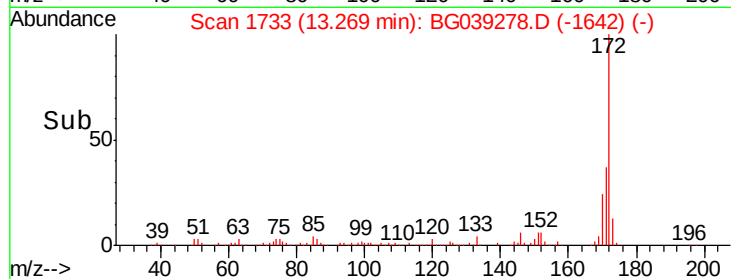
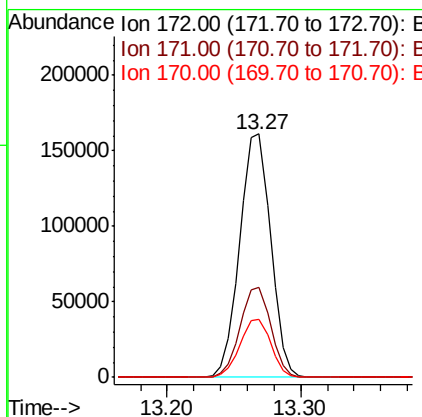
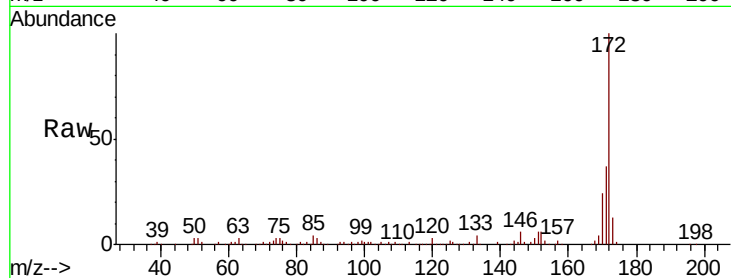




#45
 2-Fluorobiphenyl
 Concen: 79.118 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

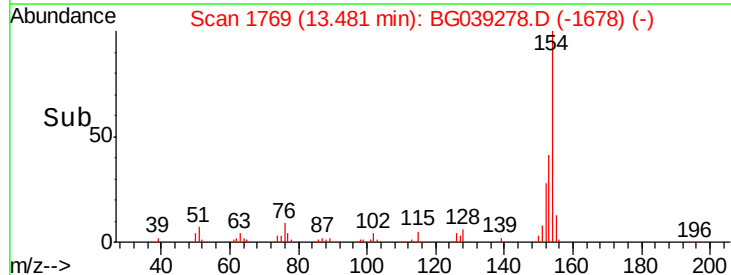
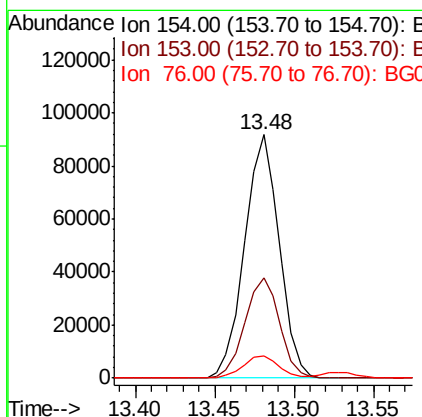
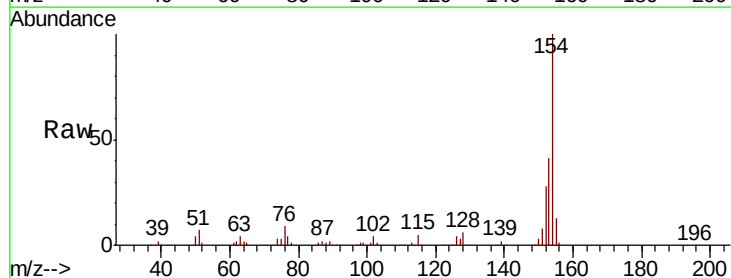
Instrument :
 BNA_G
 ClientSampleId :

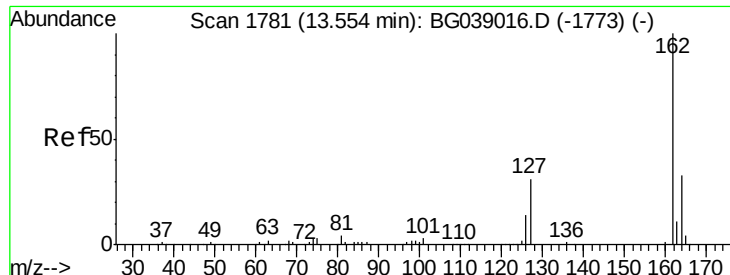
Tot Ion:172 Resp: 259011
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 23.6 20.1 30.1



#46
 1,1'-Biphenyl
 Concen: 39.160 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:154 Resp: 139023
 Ion Ratio Lower Upper
 154 100
 153 41.1 22.4 62.4
 76 9.2 0.0 29.4

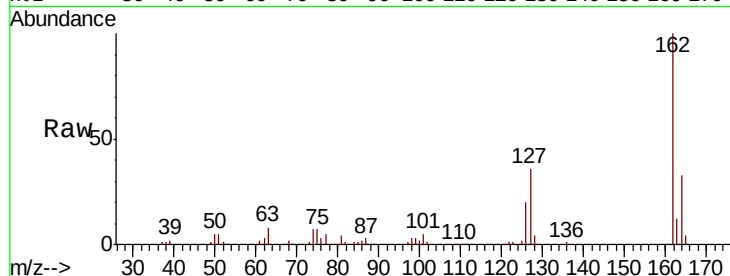




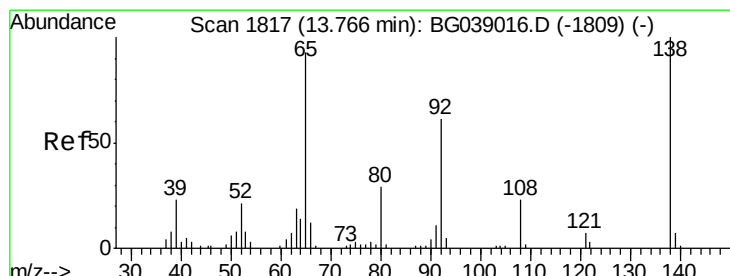
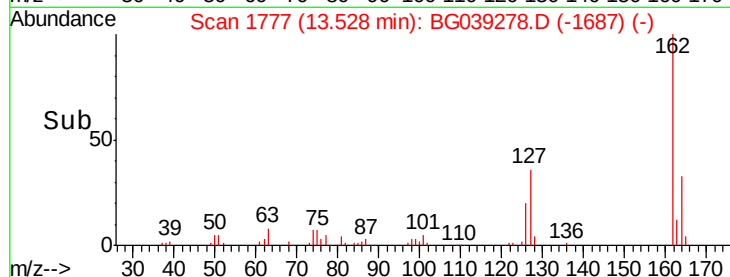
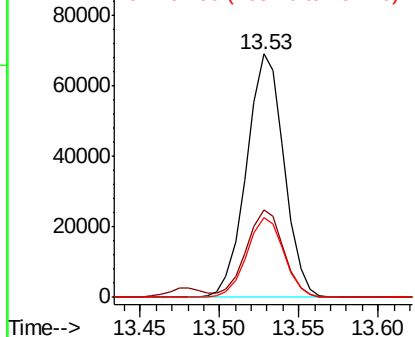
#47
2-Chloronaphthalene
Concen: 39.545 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	28.4	42.6
164	32.9	26.3	39.5

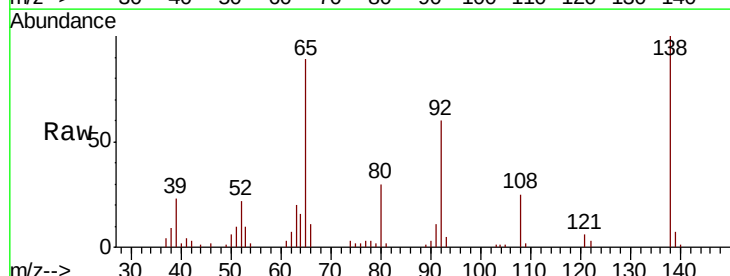


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

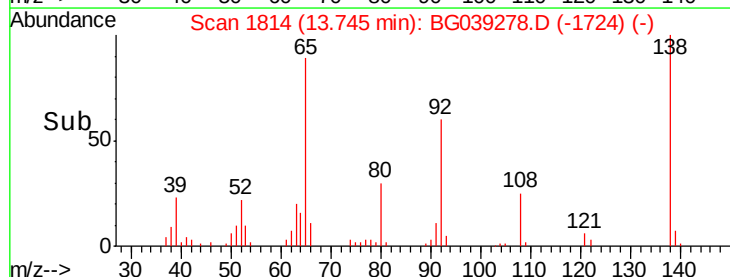
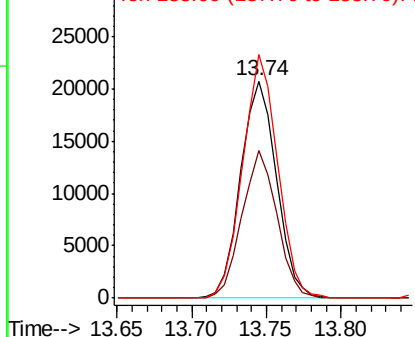


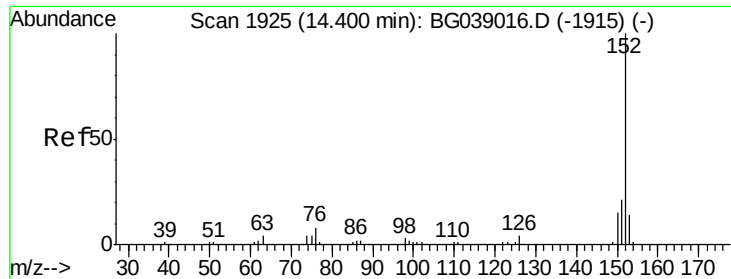
#48
2-Nitroaniline
Concen: 42.933 ng
RT: 13.74 min Scan# 1814
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.9	52.2	78.4
138	112.2	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: 42.436 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

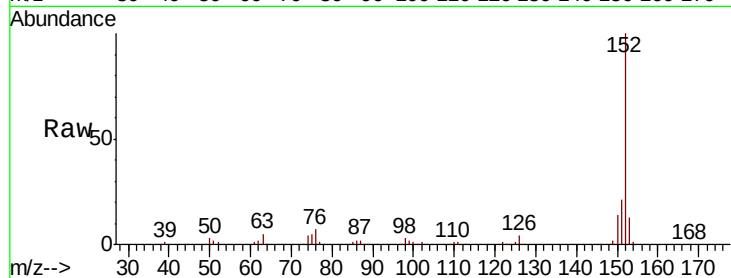
Tot Ion:152 Resp: 183240

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

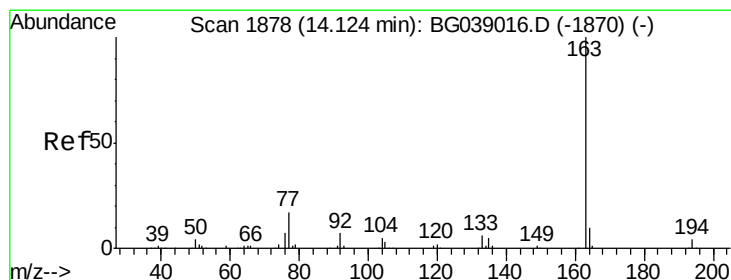
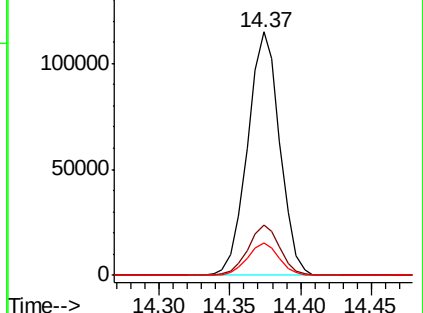
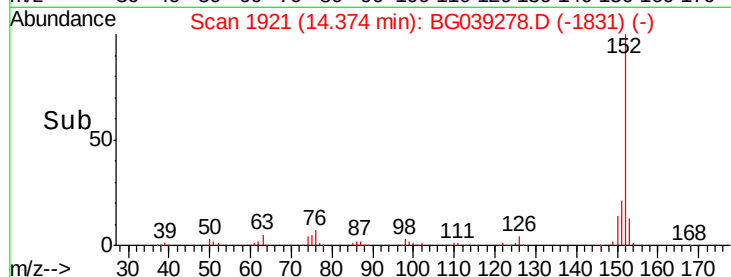
153 13.4 11.2 16.8



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: 41.849 ng

RT: 14.10 min Scan# 1875

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

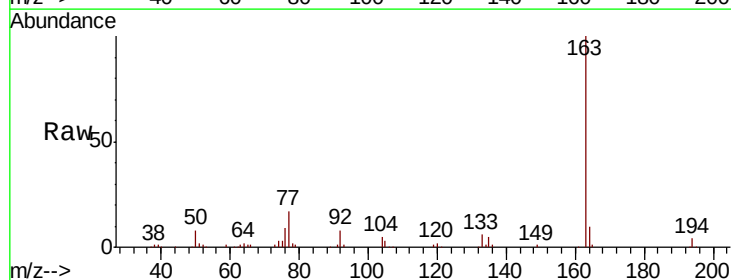
Tgt Ion:163 Resp: 158443

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

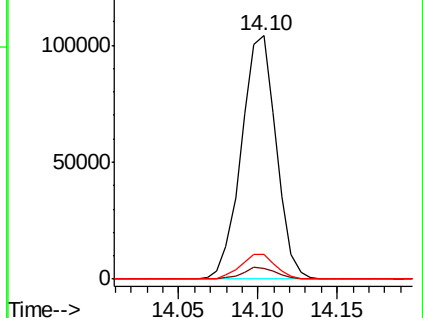
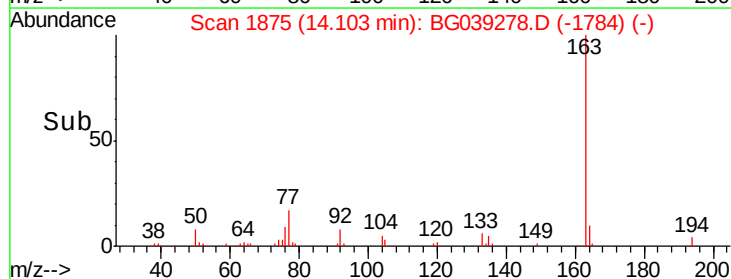
164 10.1 8.2 12.2

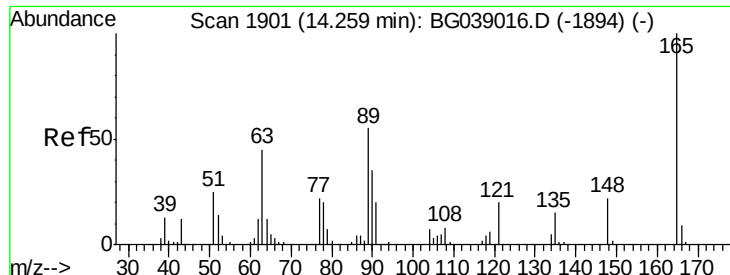


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

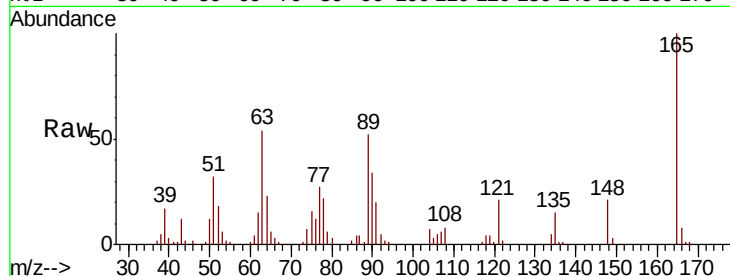




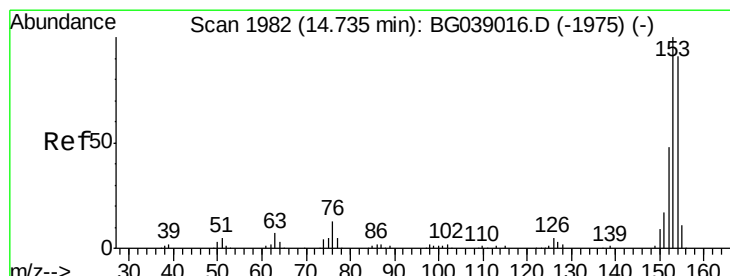
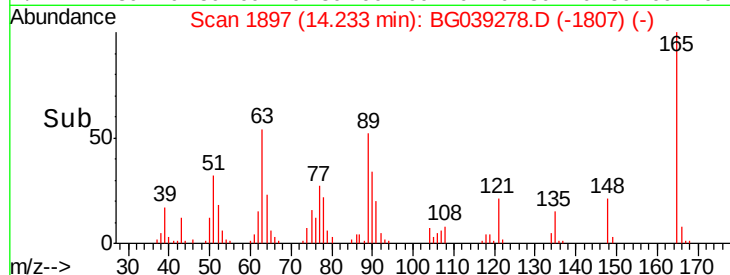
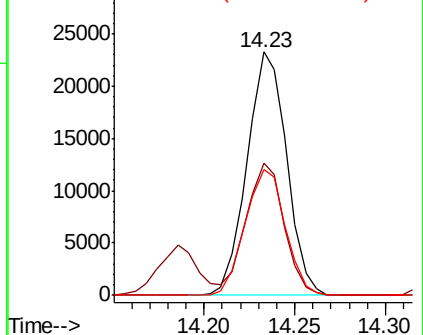
#51
 2,6-Dinitrotoluene
 Concen: 41.930 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_G
 ClientSampleID :

Tot Ion:165 Resp: 35492
 Ion Ratio Lower Upper
 165 100
 63 54.2 43.6 65.4
 89 51.8 43.7 65.5

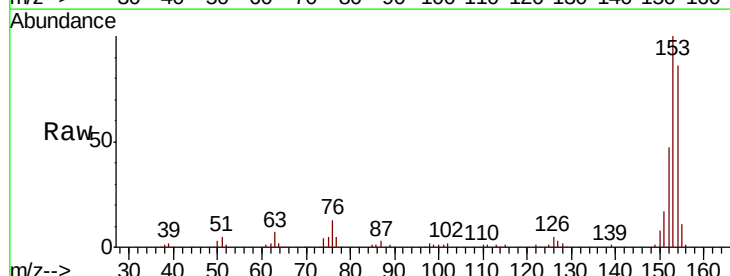


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

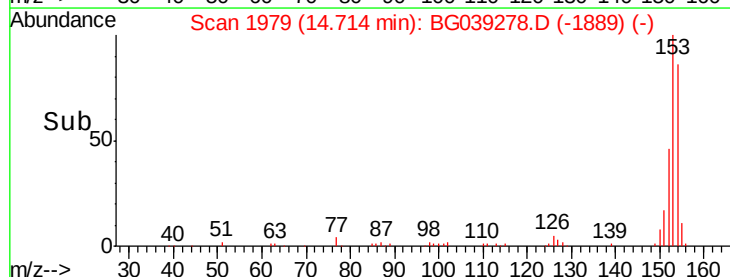
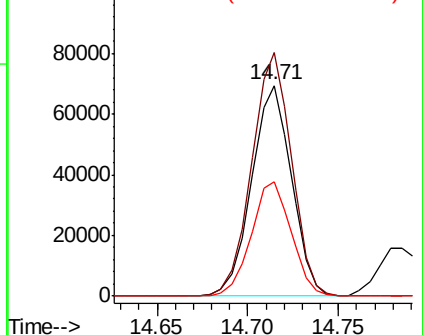


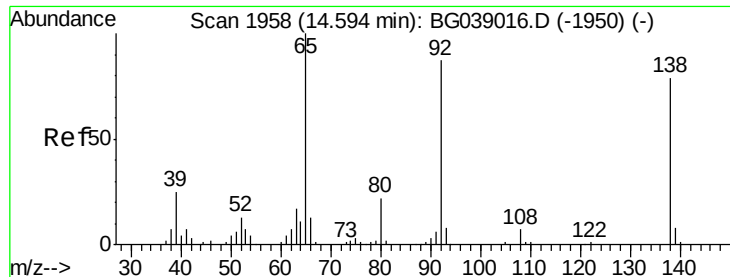
#52
 Acenaphthene
 Concen: 40.848 ng
 RT: 14.71 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:154 Resp: 105975
 Ion Ratio Lower Upper
 154 100
 153 115.8 87.9 131.9
 152 54.1 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: 27.844 ng

RT: 14.57 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

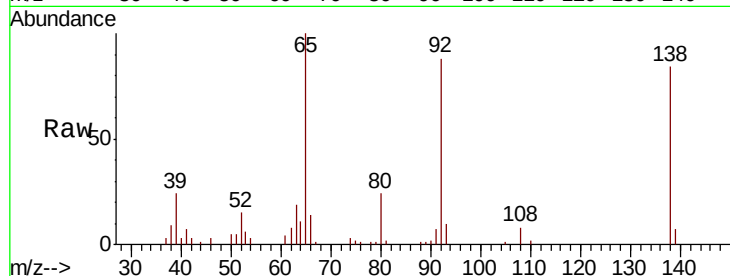
Tot Ion:138 Resp: 23909

Ion Ratio Lower Upper

138 100

108 9.4 7.4 11.0

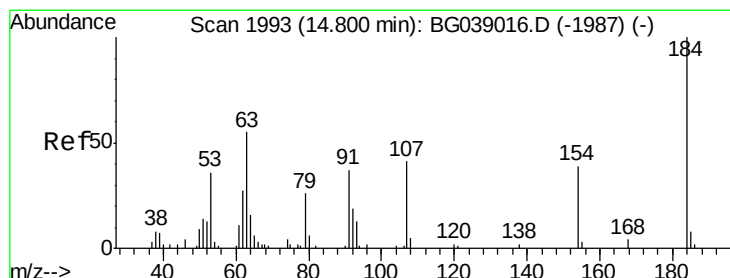
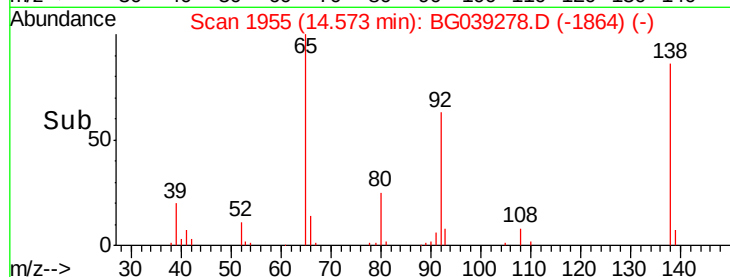
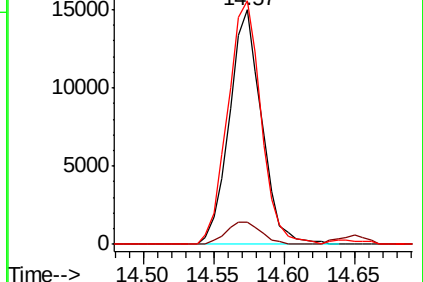
92 104.0 88.2 132.4



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: 86.905 ng

RT: 14.78 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

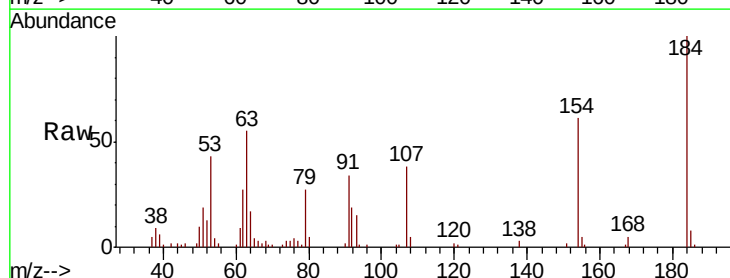
Tgt Ion:184 Resp: 44233

Ion Ratio Lower Upper

184 100

63 54.5 44.0 66.0

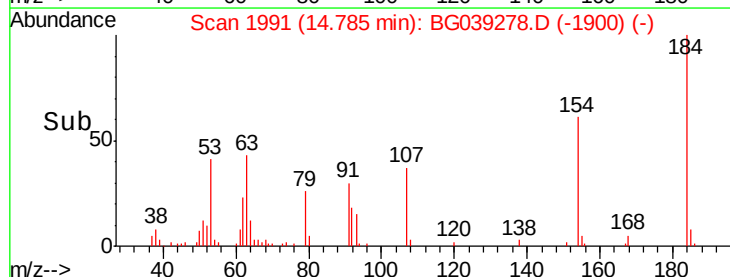
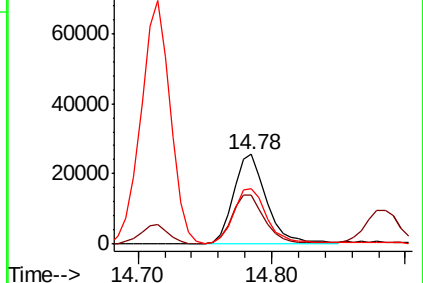
154 61.0 46.1 69.1

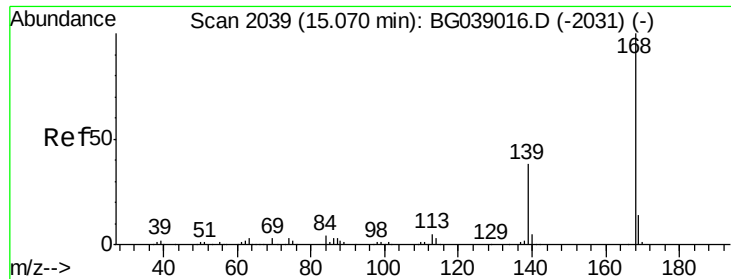


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

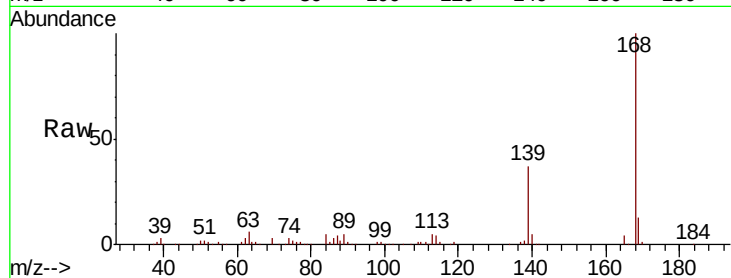




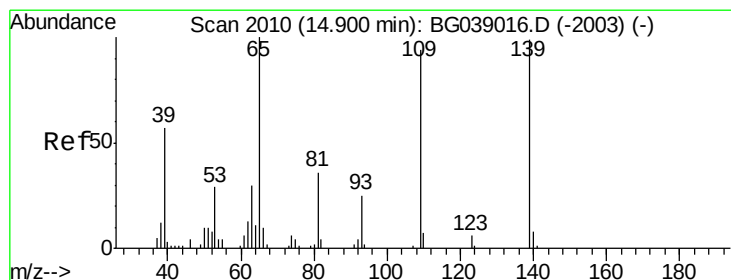
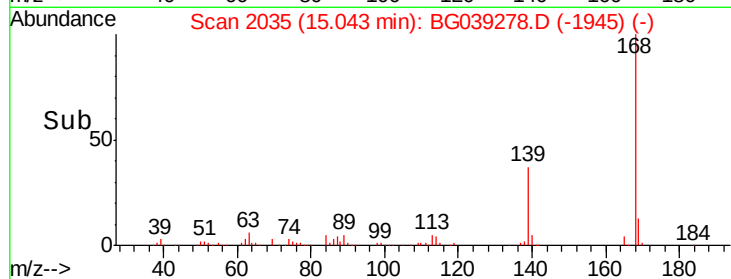
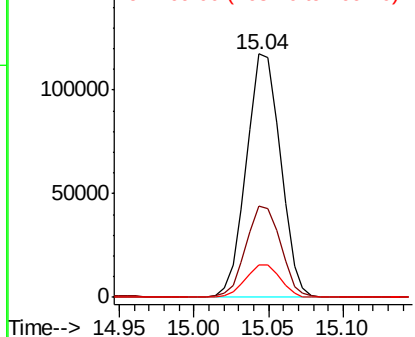
#55
Dibenzofuran
Concen: 40.582 ng
RT: 15.04 min Scan# 2035
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 185948
Ion Ratio Lower Upper
168 100
139 37.4 30.1 45.1
169 13.4 10.9 16.3

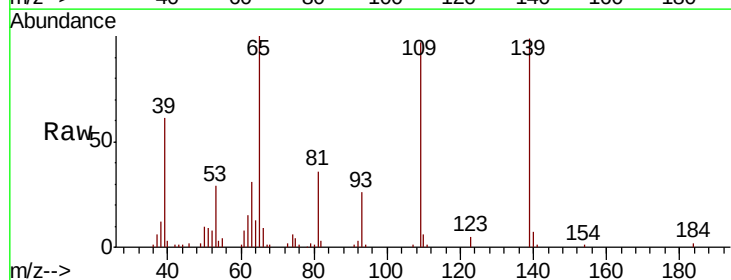


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

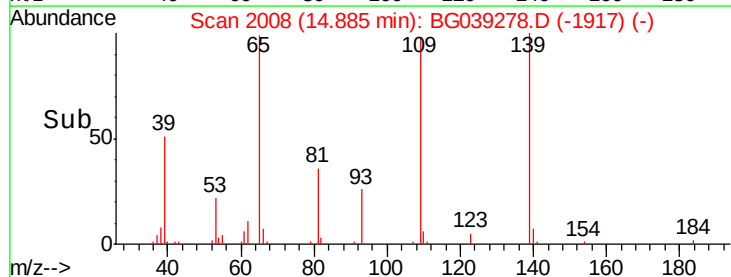
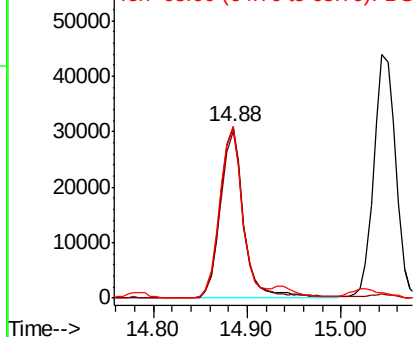


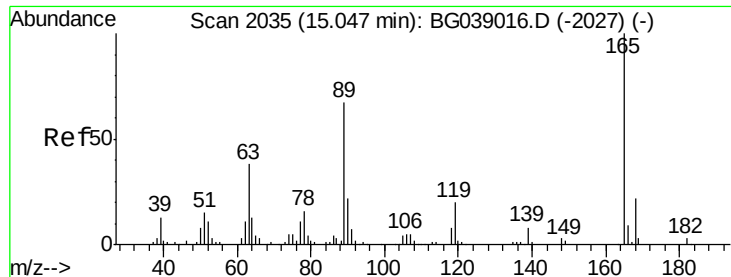
#56
4-Nitrophenol
Concen: 87.444 ng
RT: 14.88 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:139 Resp: 54027
Ion Ratio Lower Upper
139 100
109 97.7 75.6 115.6
65 100.5 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: 43.133 ng

RT: 15.03 min Scan# 2032

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

Tot Ion:165 Resp: 52381

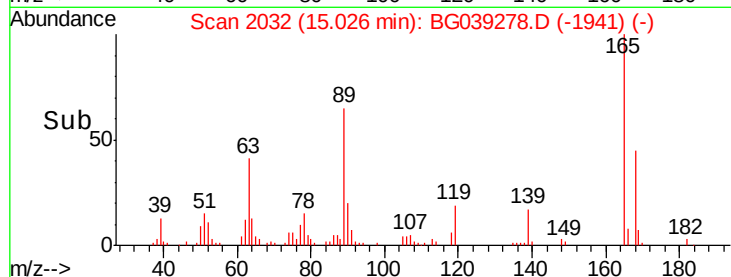
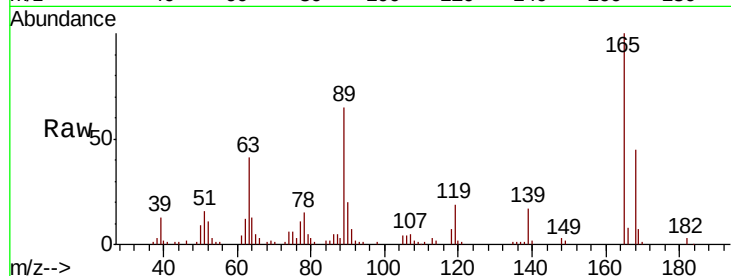
Ion Ratio Lower Upper

165 100

63 41.0 30.2 45.4

89 64.9 53.2 79.8

182 3.4 2.7 4.1

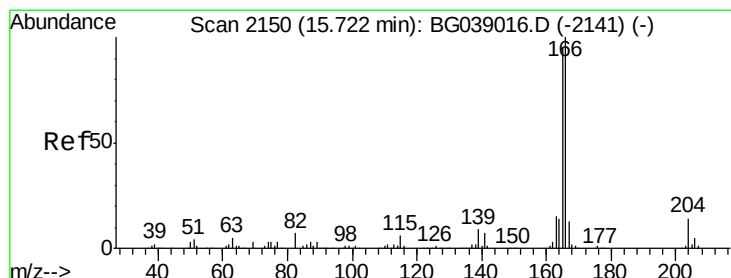
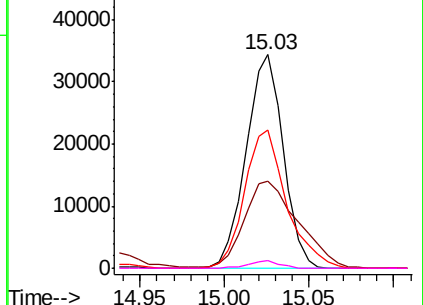


Abundance Ion 165.00 (164.70 to 165.70): E

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: 46.505 ng

RT: 15.70 min Scan# 2146

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

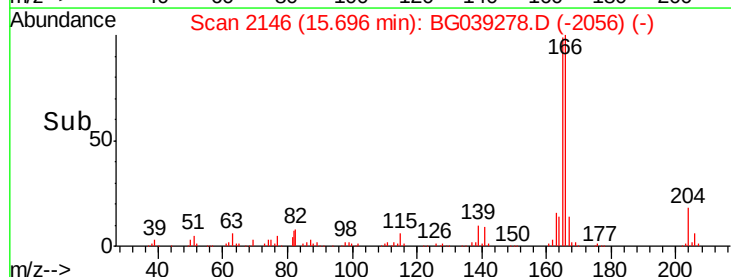
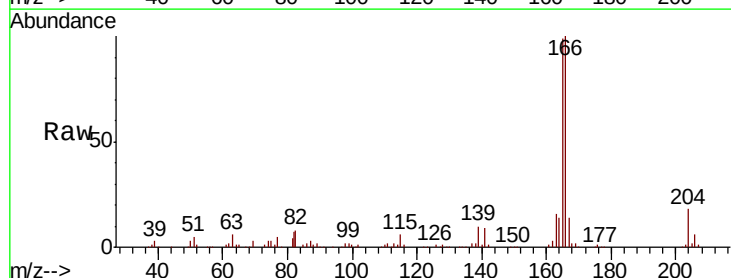
Tgt Ion:166 Resp: 160392

Ion Ratio Lower Upper

166 100

165 99.5 76.2 114.2

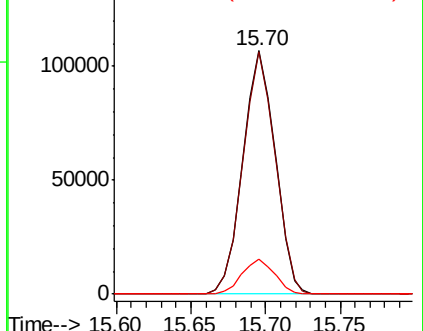
167 14.2 10.6 16.0

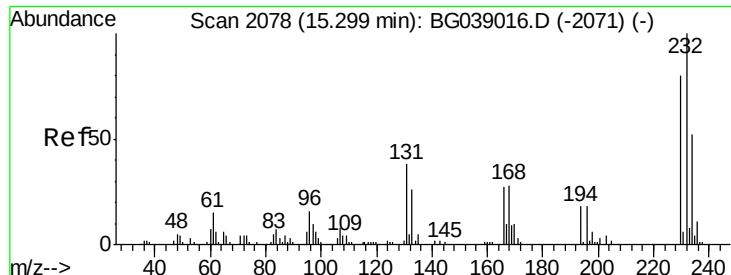


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

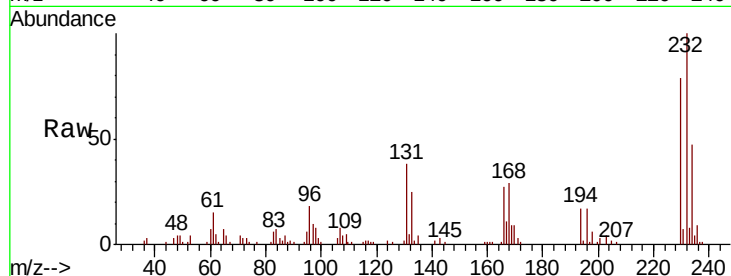




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.159 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	39.3	30.9	46.3
130	2.1	1.9	2.9
166	27.8	22.1	33.1



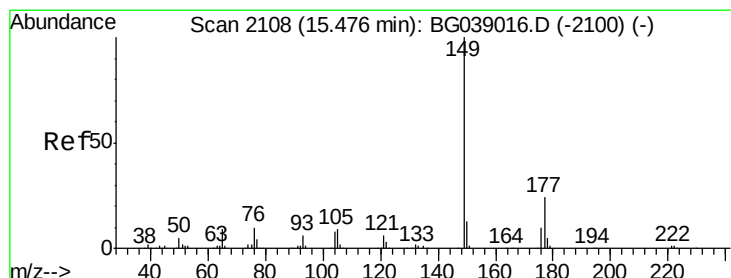
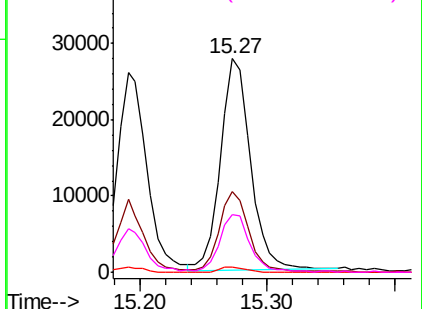
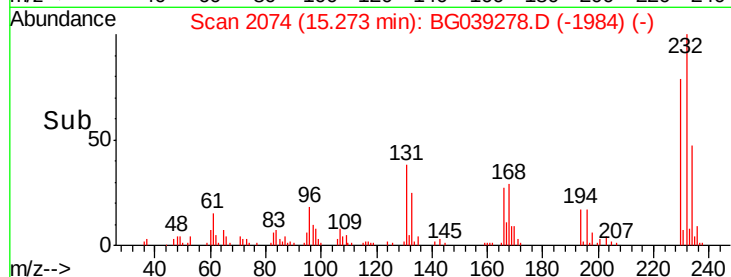
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

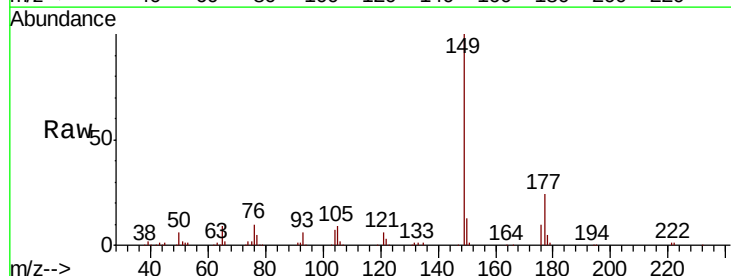
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 42.351 ng
RT: 15.45 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.6
150	13.0	10.2	15.4

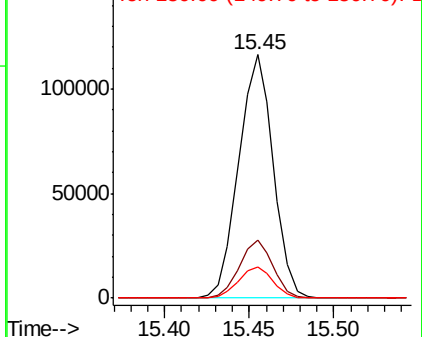
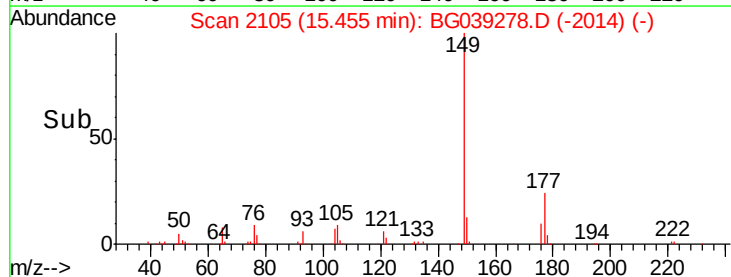


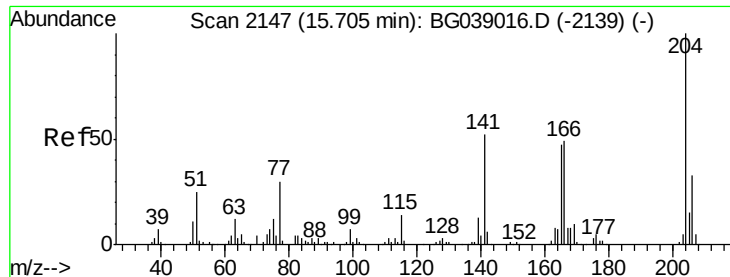
Abundance

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

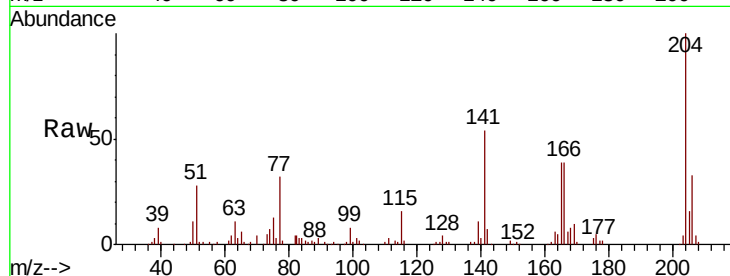




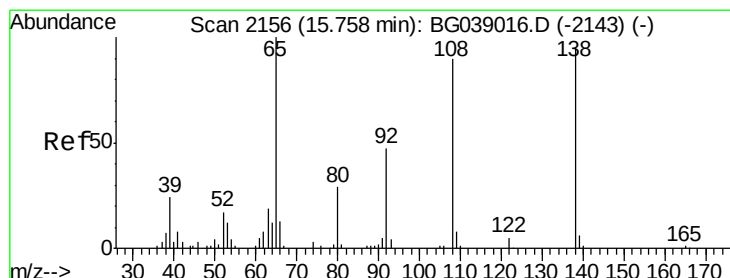
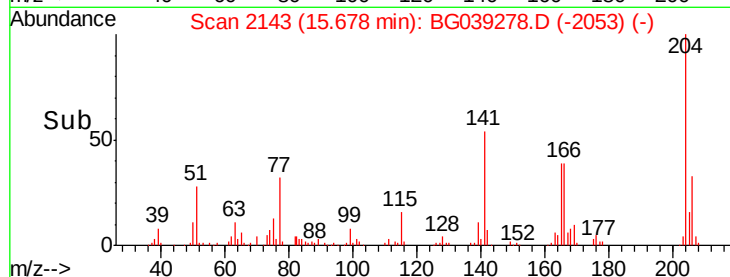
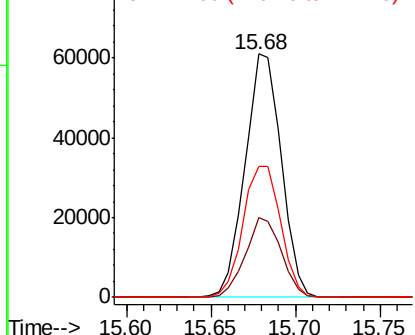
#61
4-Chlorophenyl-phenylether
Concen: 41.984 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:204 Resp: 91225
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 53.7 41.4 62.0

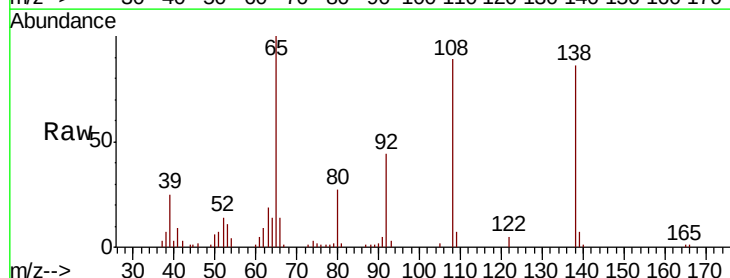


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

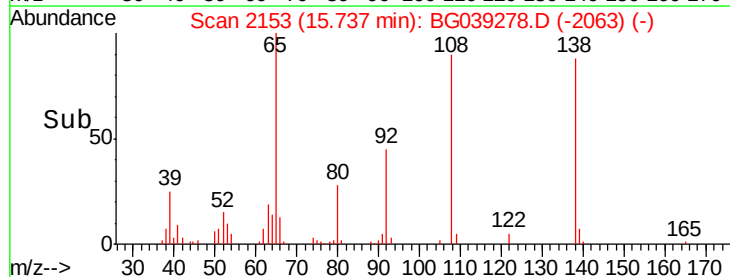
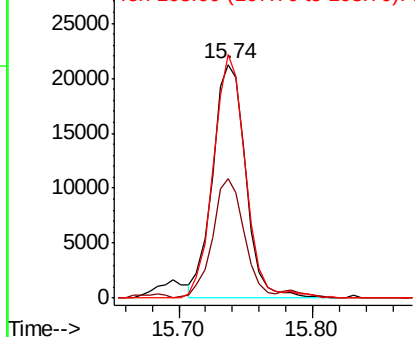


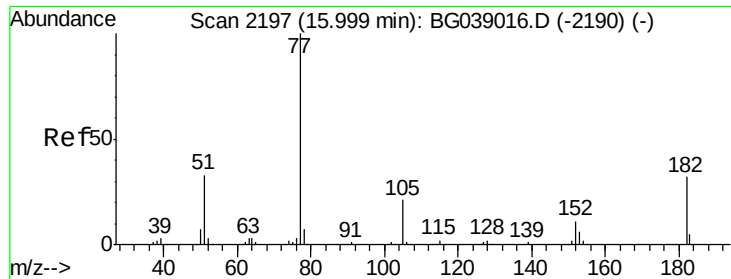
#62
4-Nitroaniline
Concen: 41.340 ng
RT: 15.74 min Scan# 2153
Delta R.T. -0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:138 Resp: 36980
Ion Ratio Lower Upper
138 100
92 51.2 29.7 69.7
108 104.1 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: 41.064 ng

RT: 15.98 min Scan# 2194

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 125266

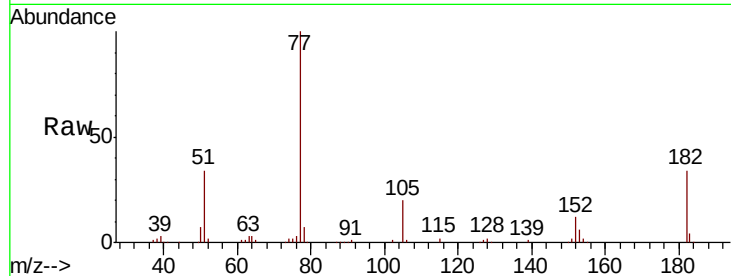
Ion Ratio Lower Upper

77 100

182 33.8 12.2 52.2

105 20.3 1.2 41.2

51 34.3 13.4 53.4

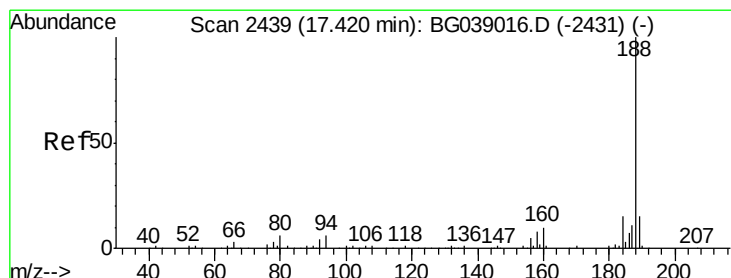
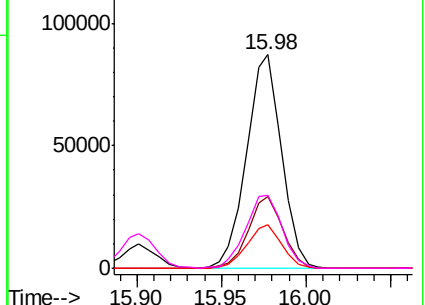
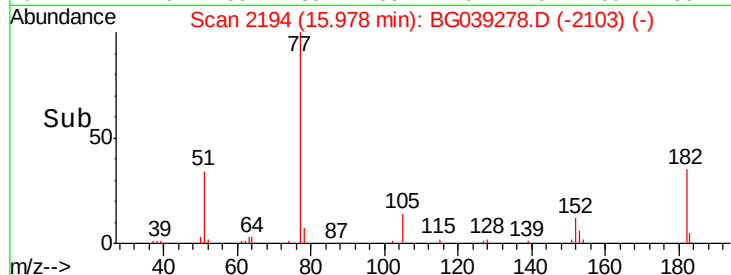


Abundance Ion 77.00 (76.70 to 77.70): BG039278.D (-2103) (-)

Ion 182.00 (181.70 to 182.70): BG039278.D (-2103) (-)

Ion 105.00 (104.70 to 105.70): BG039278.D (-2103) (-)

Ion 51.00 (50.70 to 51.70): BG039278.D (-2103) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

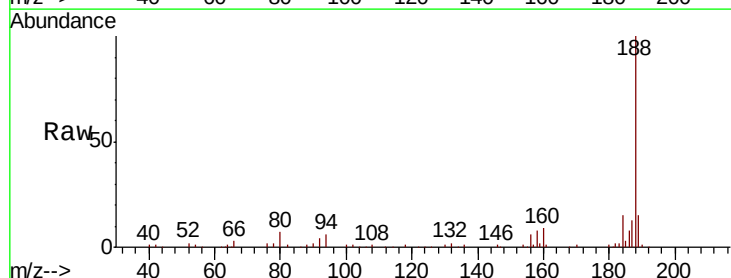
Tgt Ion: 188 Resp: 122258

Ion Ratio Lower Upper

188 100

94 5.6 5.0 7.4

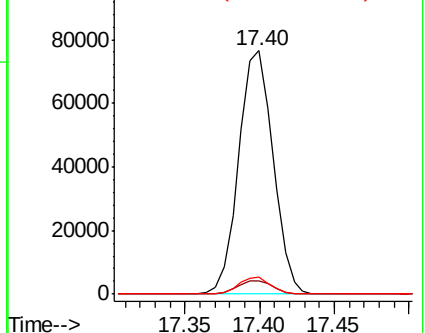
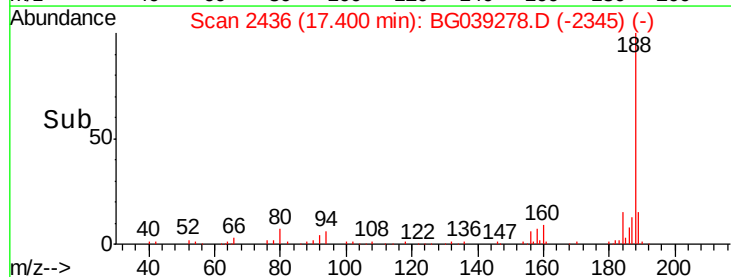
80 6.8 4.7 7.1

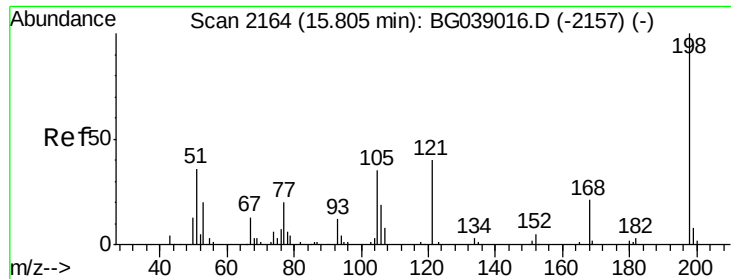


Abundance Ion 188.00 (187.70 to 188.70): BG039278.D (-2345) (-)

Ion 94.00 (93.70 to 94.70): BG039278.D (-2345) (-)

Ion 80.00 (79.70 to 80.70): BG039278.D (-2345) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 42.613 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

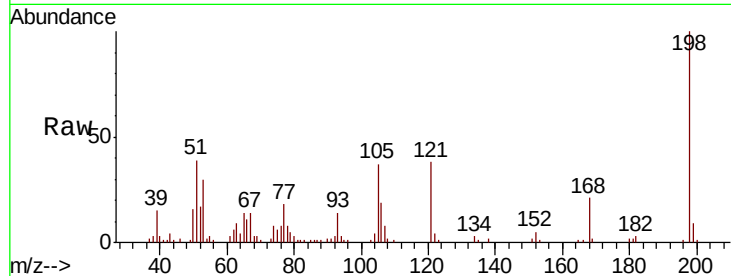
Tot Ion:198 Resp: 38597

Ion Ratio Lower Upper

198 100

51 38.9 20.8 60.8

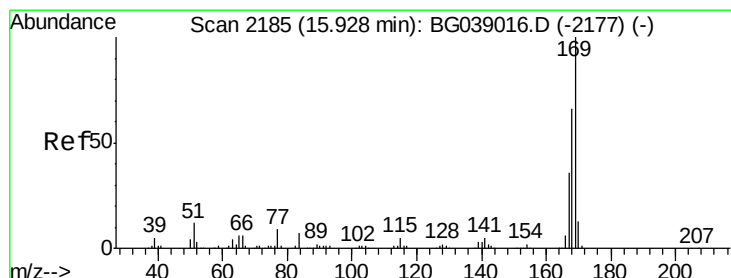
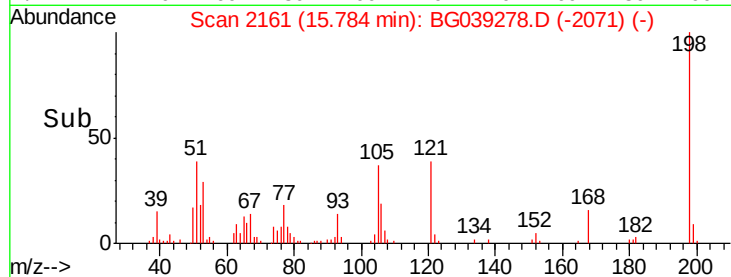
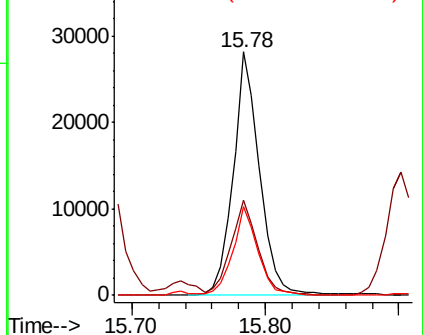
105 36.6 16.1 56.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039016.D (-2157) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.858 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

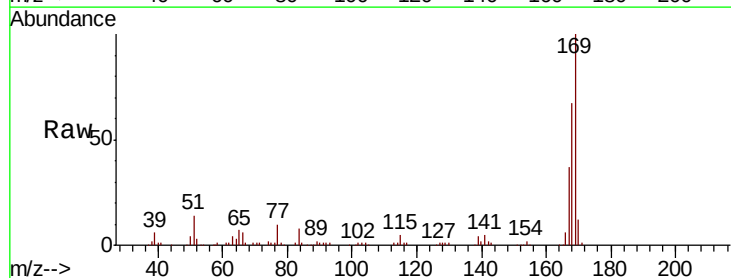
Tgt Ion:169 Resp: 144457

Ion Ratio Lower Upper

169 100

168 66.7 53.2 79.8

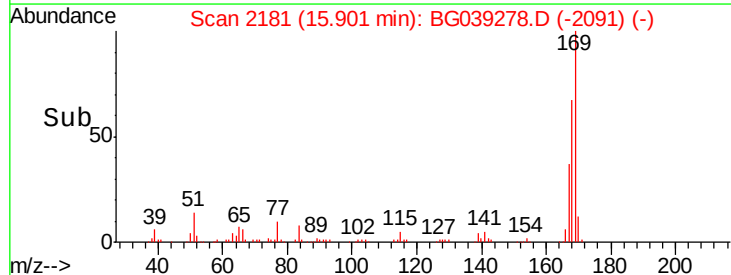
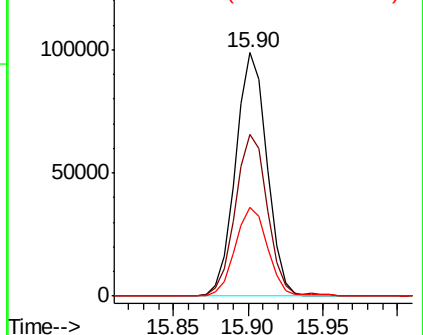
167 36.6 29.1 43.7

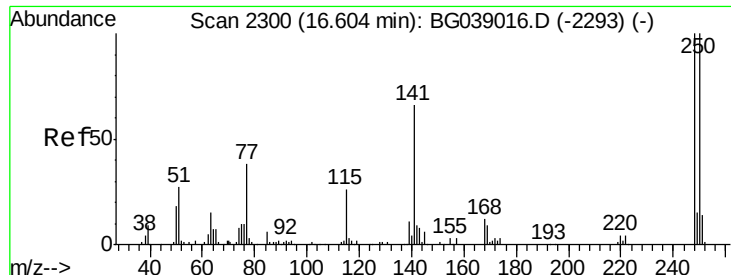


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

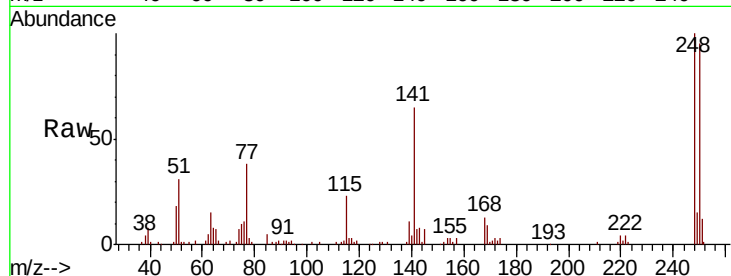




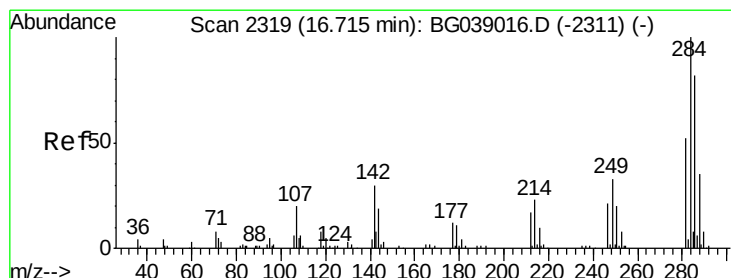
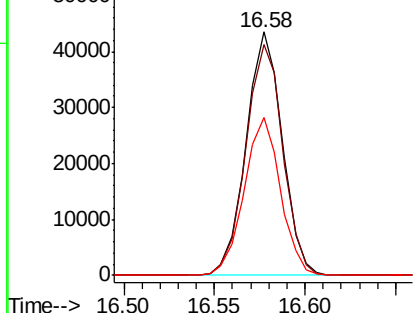
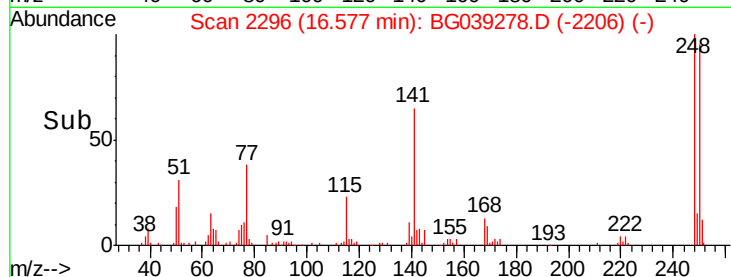
#67
 4-Bromophenyl-phenylether
 Concen: 38.454 ng
 RT: 16.58 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 60433
 Ion Ratio Lower Upper
 248 100
 250 94.7 79.9 119.9
 141 64.7 52.7 79.1

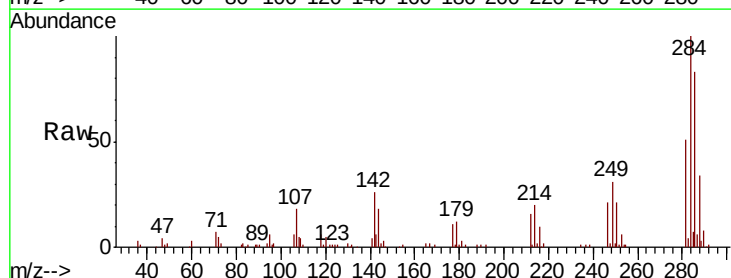


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

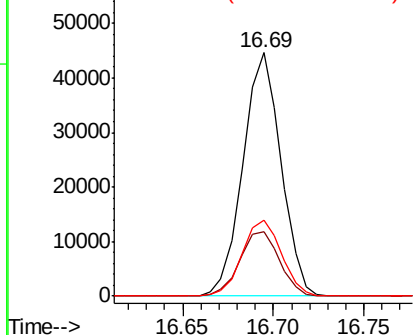
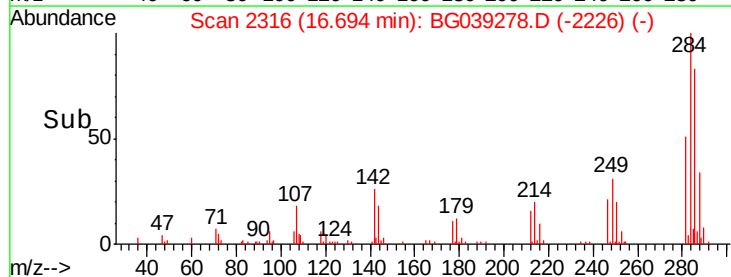


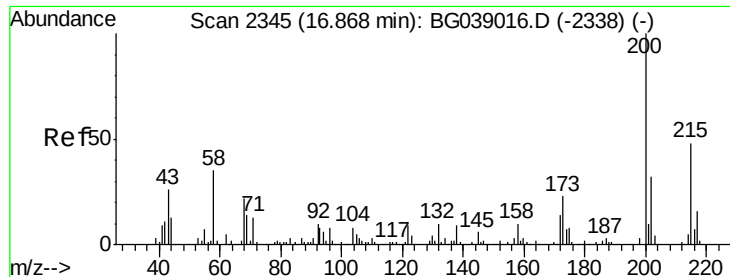
#68
 Hexachlorobenzene
 Concen: 37.979 ng
 RT: 16.69 min Scan# 2316
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion:284 Resp: 65130
 Ion Ratio Lower Upper
 284 100
 142 26.2 24.3 36.5
 249 33.4 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: 39.854 ng

RT: 16.85 min Scan# 2342

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

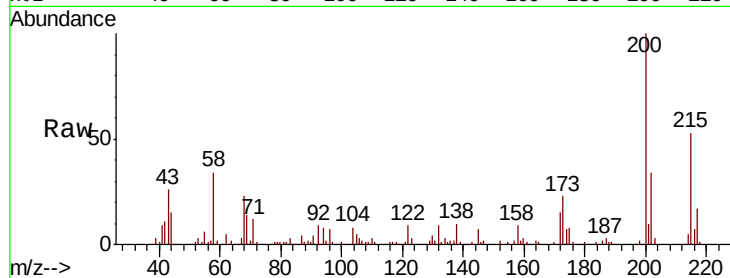
Tot Ion:200 Resp: 61362

Ion Ratio Lower Upper

200 100

173 22.9 2.6 42.6

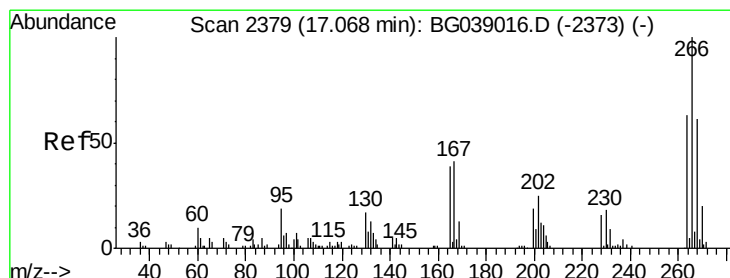
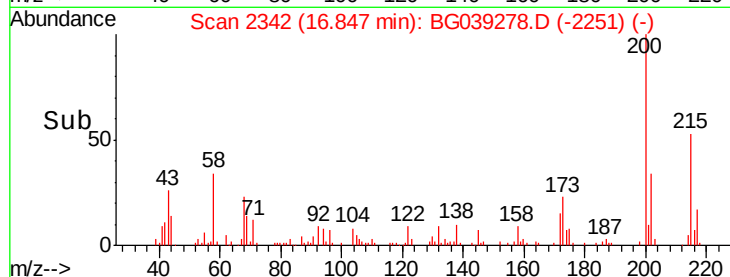
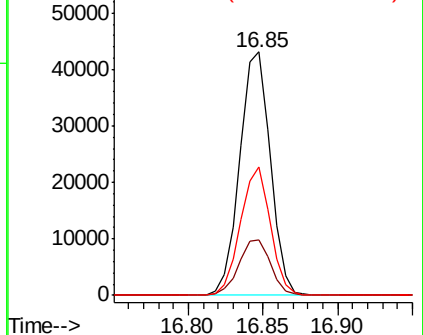
215 52.6 28.0 68.0



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: 61.183 ng

RT: 17.05 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

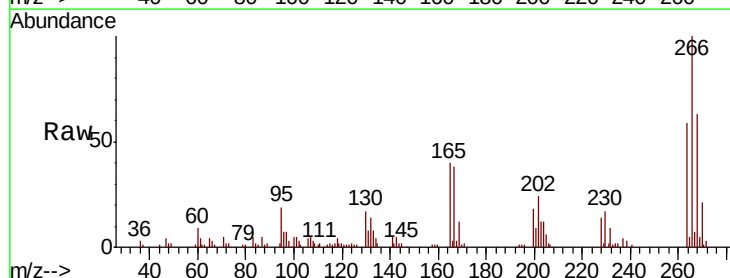
Tgt Ion:266 Resp: 63268

Ion Ratio Lower Upper

266 100

268 68.2 52.0 78.0

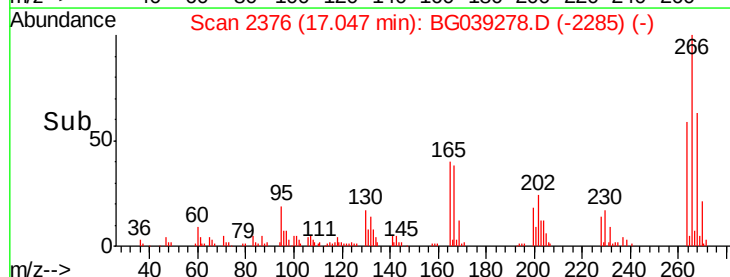
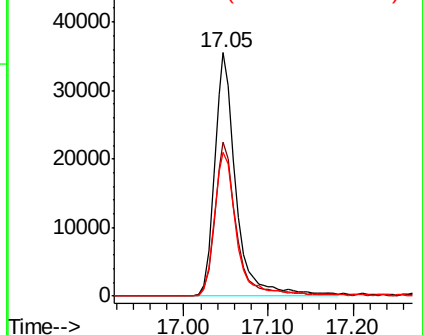
264 64.1 54.6 81.8

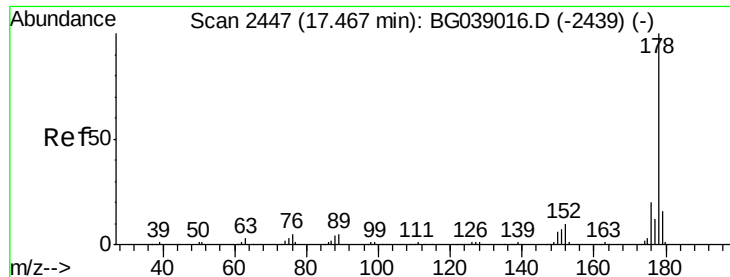


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.473 ng

RT: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

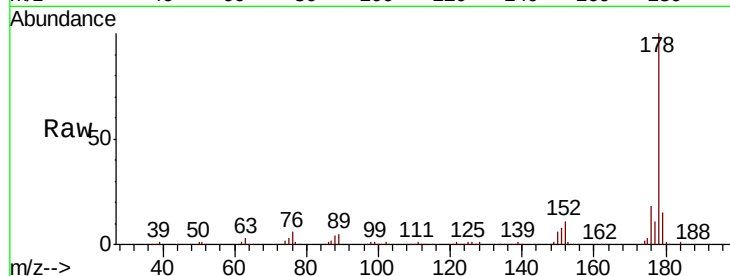
Tot Ion:178 Resp: 274470

Ion Ratio Lower Upper

178 100

176 18.1 15.7 23.5

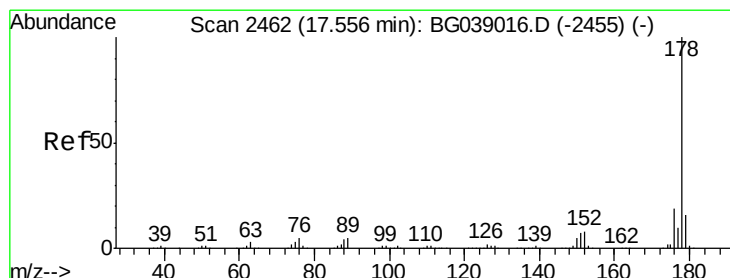
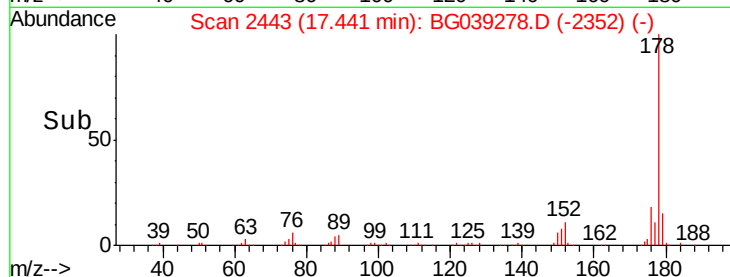
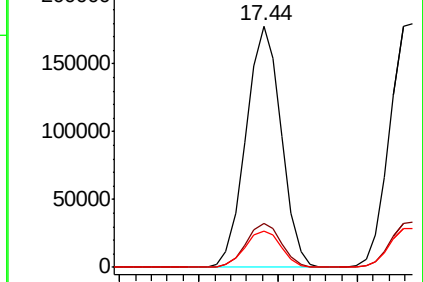
179 14.9 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.918 ng

RT: 17.53 min Scan# 2459

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

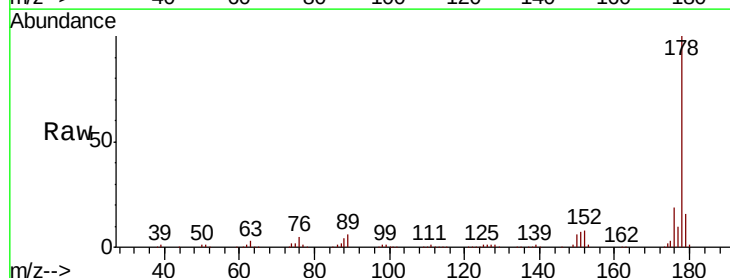
Tgt Ion:178 Resp: 280610

Ion Ratio Lower Upper

178 100

176 18.5 14.9 22.3

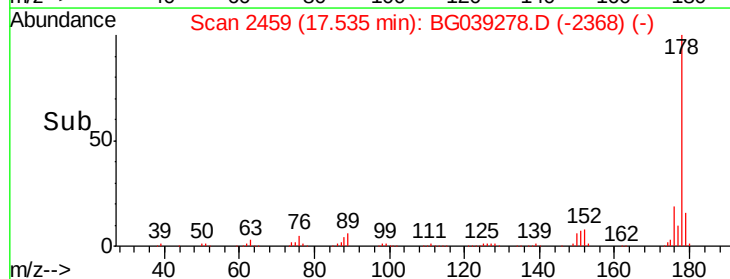
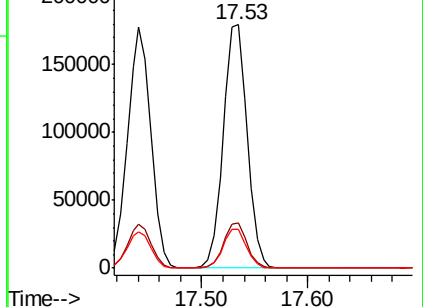
179 15.7 13.0 19.4

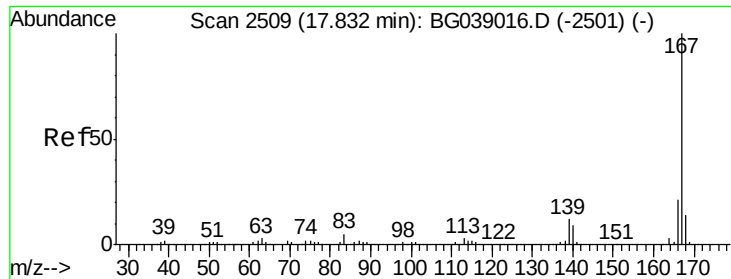


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

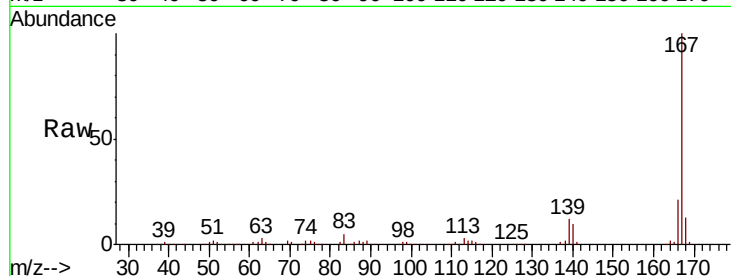




#73
 Carbazole
 Concen: 39.749 ng
 RT: 17.81 min Scan# 2506
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.0	10.0	15.0

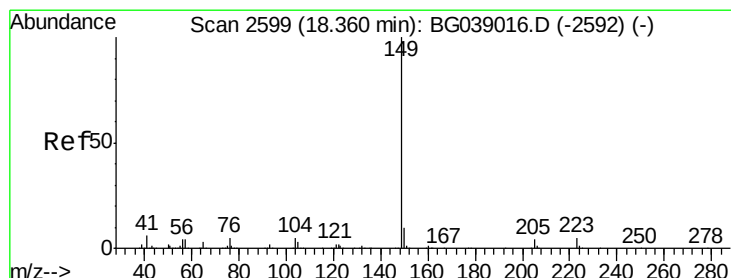
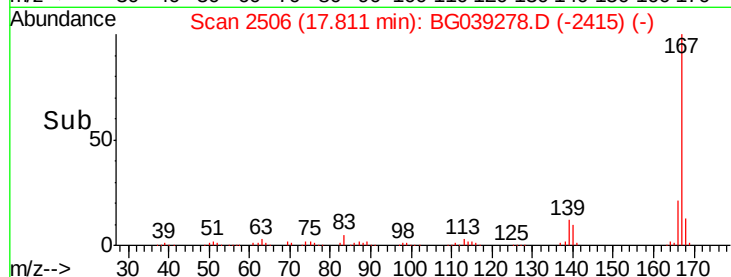
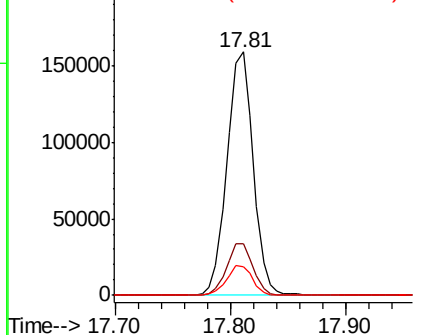


Abundance

Ion 167.00 (166.70 to 167.70): E

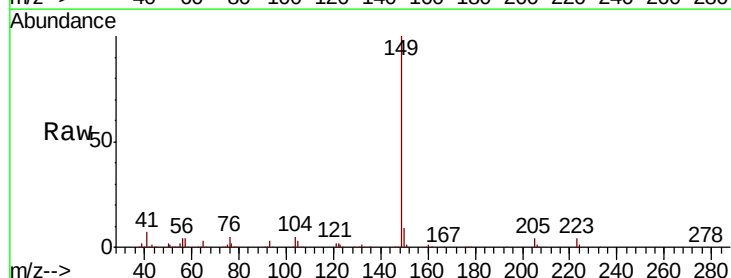
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 41.555 ng
 RT: 18.33 min Scan# 2595
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.9	11.9
104	5.5	4.2	6.2

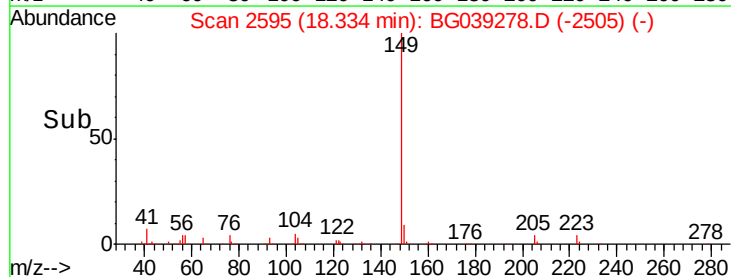
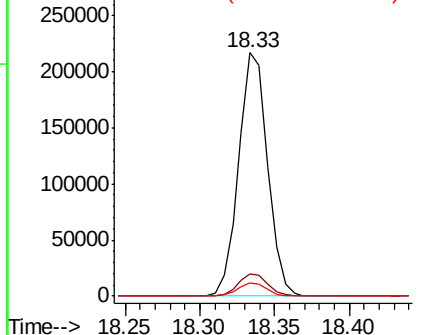


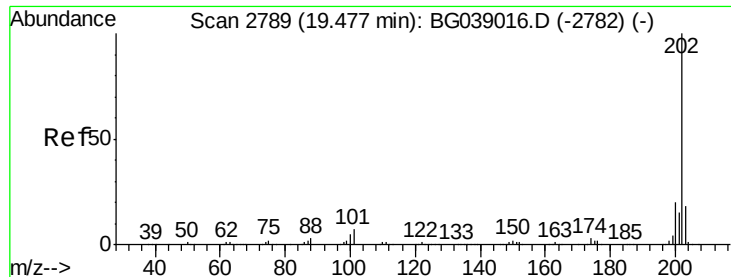
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

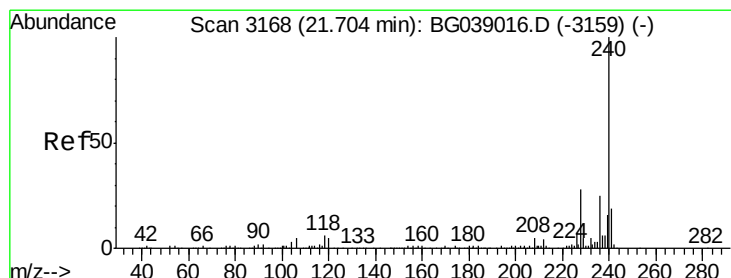
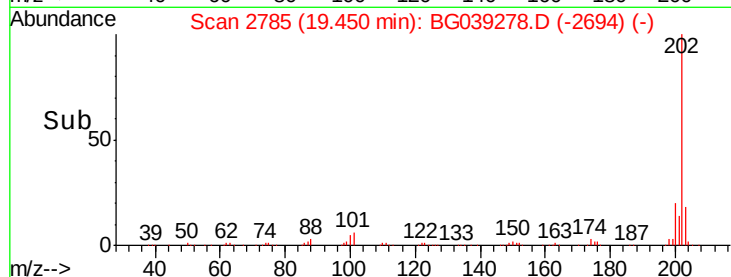
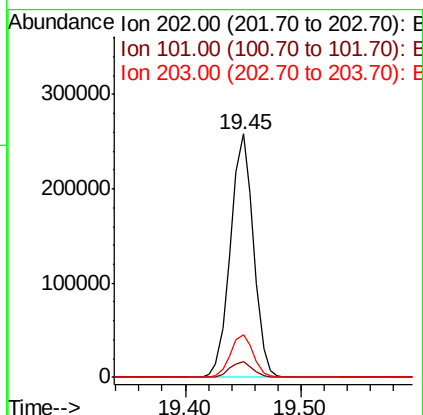
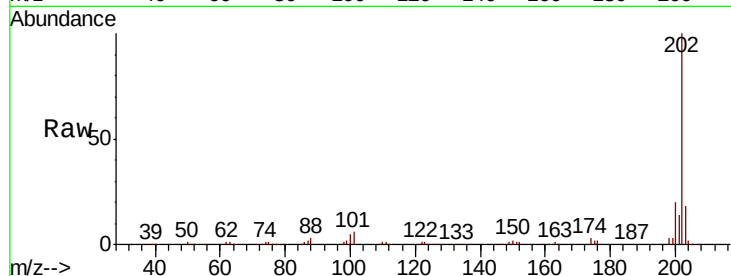




#75
 Fluoranthene
 Concen: 44.458 ng
 RT: 19.45 min Scan# 2785
 Delta R.T. 0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

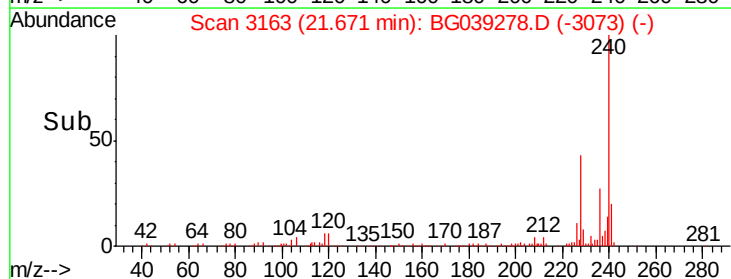
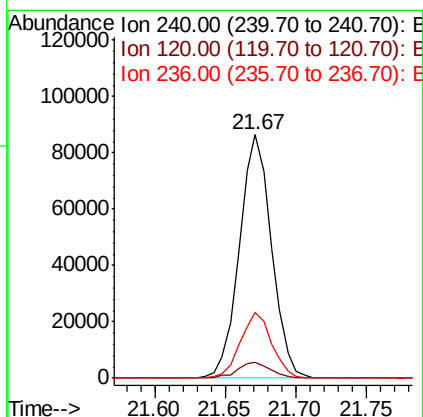
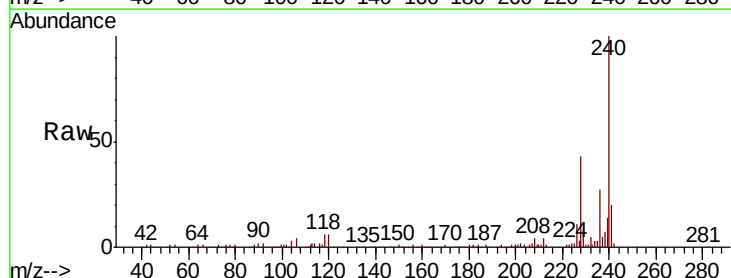
Instrument :
 BNA_G
 ClientSampleId :

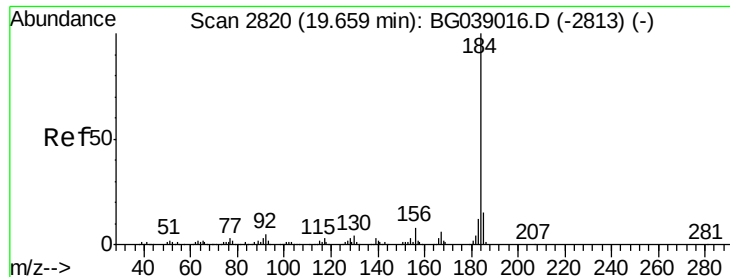
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	26.9
203	17.7	0.0	38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.67 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.5	4.3	6.5
236	27.1	20.1	30.1





#77

Benzidine

Concen: 33.943 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

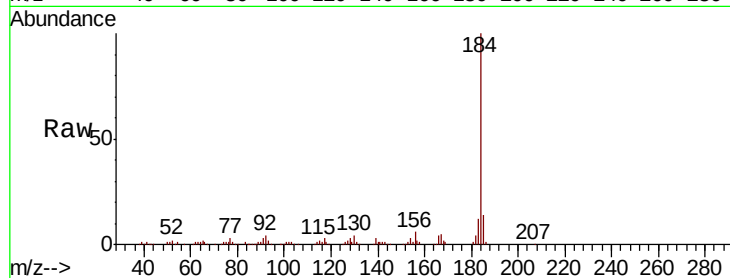
Tot Ion:184 Resp: 142323

Ion Ratio Lower Upper

184 100

185 14.5 12.1 18.1

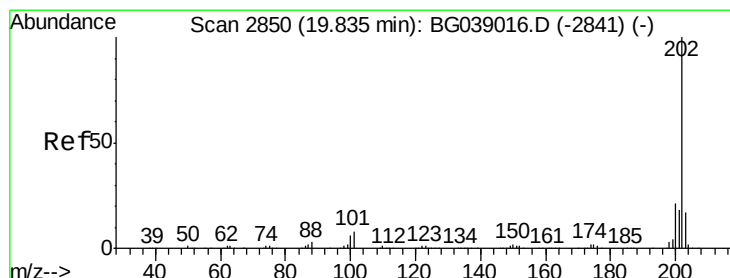
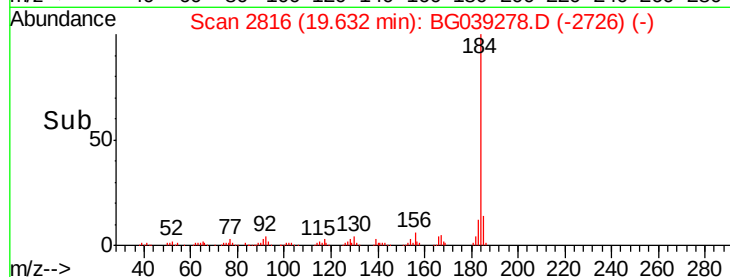
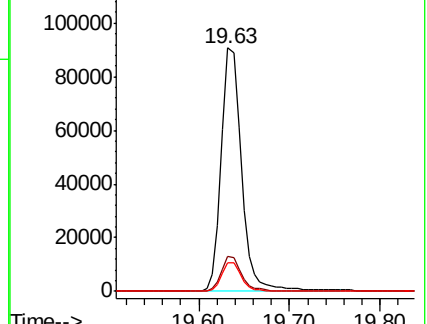
183 11.7 9.5 14.3



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: 40.824 ng

RT: 19.81 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

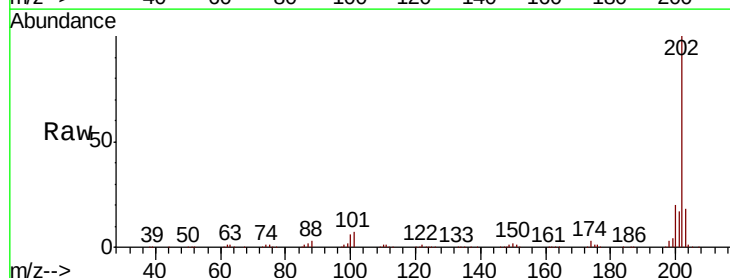
Tgt Ion:202 Resp: 356655

Ion Ratio Lower Upper

202 100

200 20.5 17.0 25.6

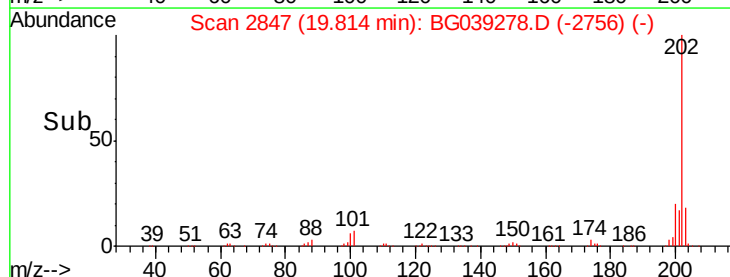
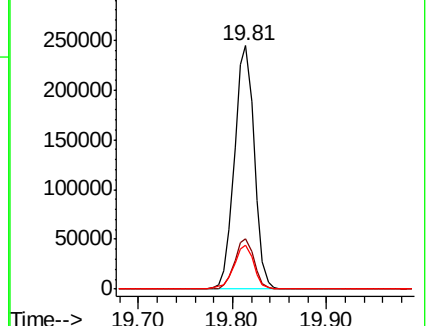
203 18.1 14.0 21.0

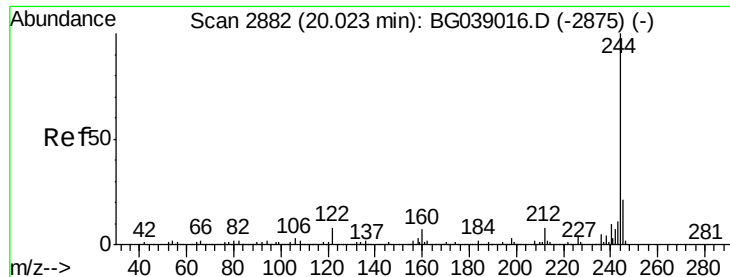


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.265 ng

RT: 20.00 min Scan# 2879

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampled :

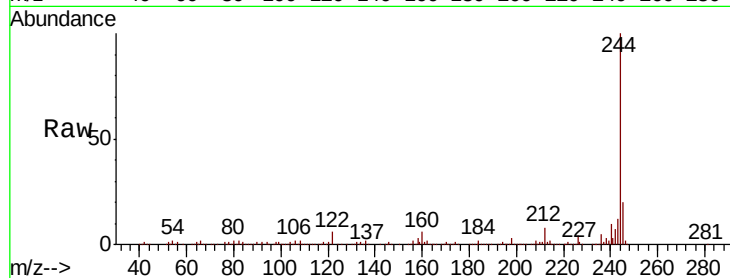
Tot Ion:244 Resp: 587398

Ion Ratio Lower Upper

244 100

212 7.6 6.1 9.1

122 6.4 6.1 9.1

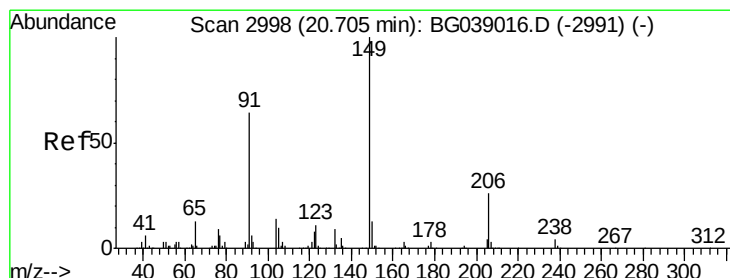
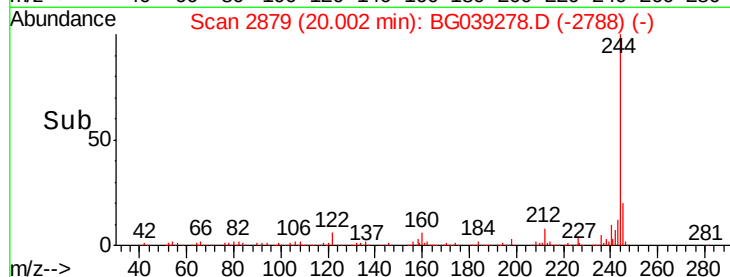
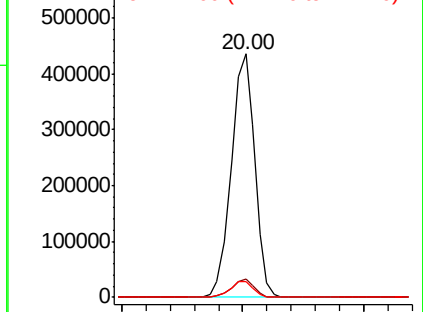


Abundance

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: 40.170 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

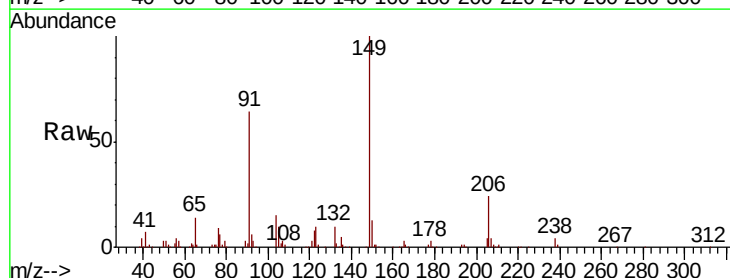
Tgt Ion:149 Resp: 133476

Ion Ratio Lower Upper

149 100

91 64.4 51.4 77.0

206 24.1 20.4 30.6

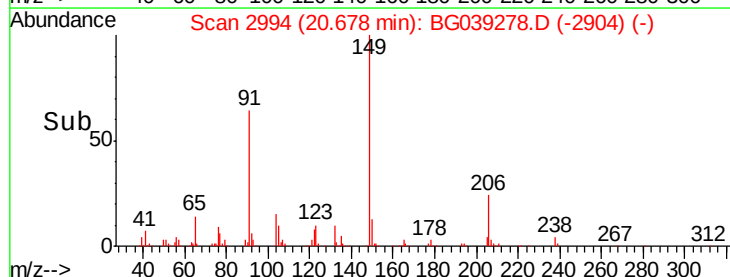
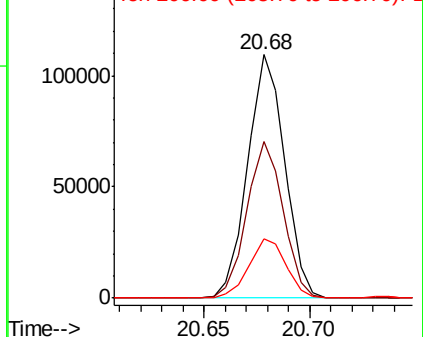


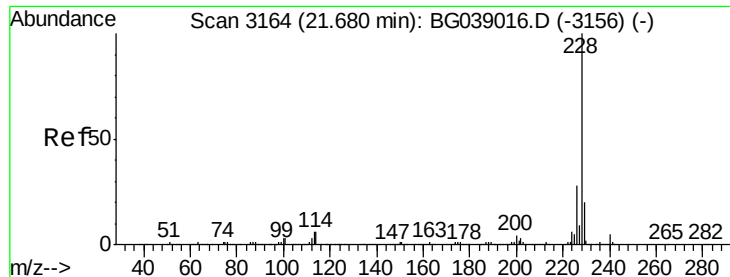
Abundance

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: 42.967 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

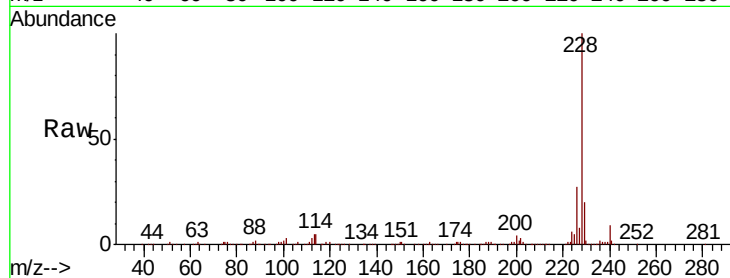
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 358564

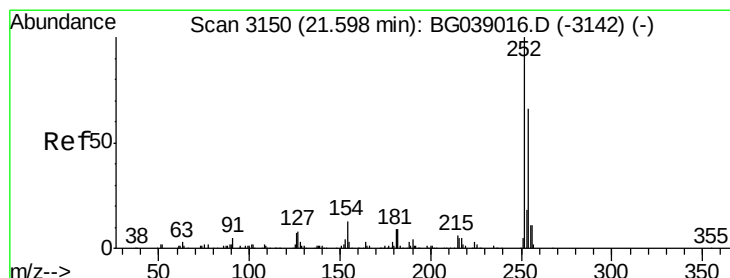
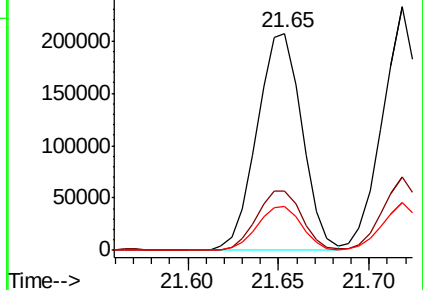
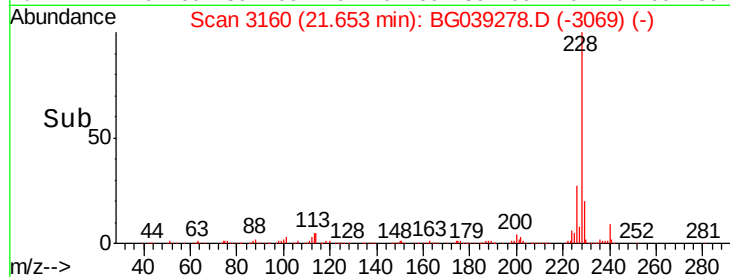
Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.4	33.6
229	19.9	16.2	24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.985 ng

RT: 21.57 min Scan# 3145

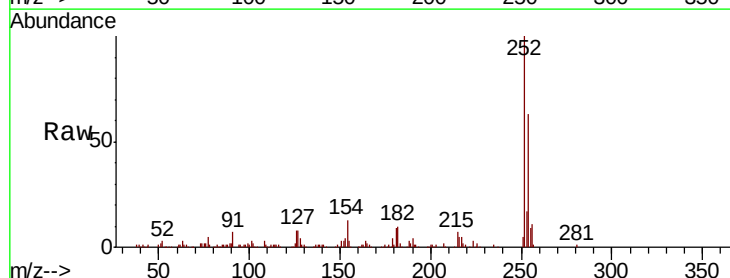
Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Tgt Ion:252 Resp: 101956

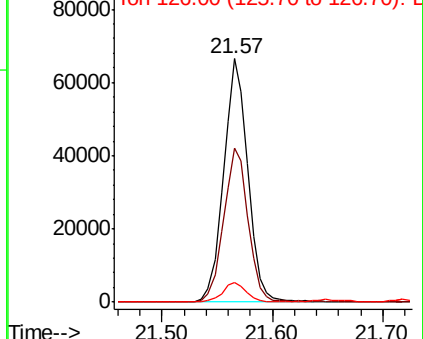
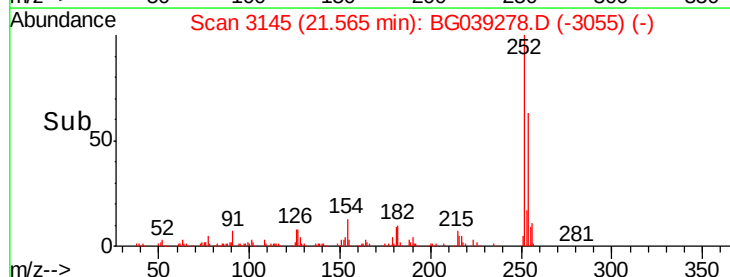
Ion	Ratio	Lower	Upper
252	100		
254	63.1	53.0	79.6
126	8.2	6.0	9.0

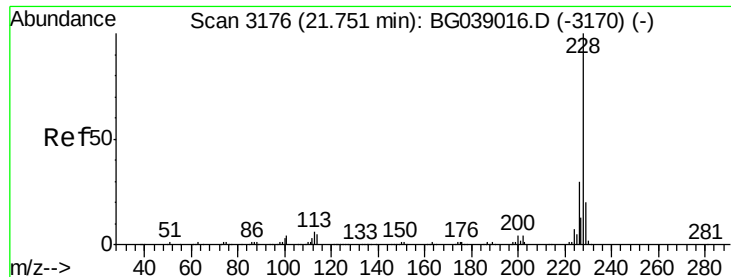


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

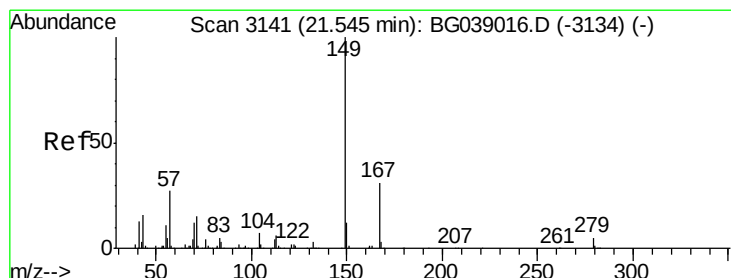
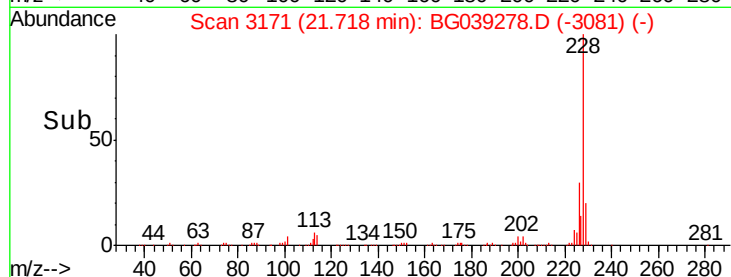
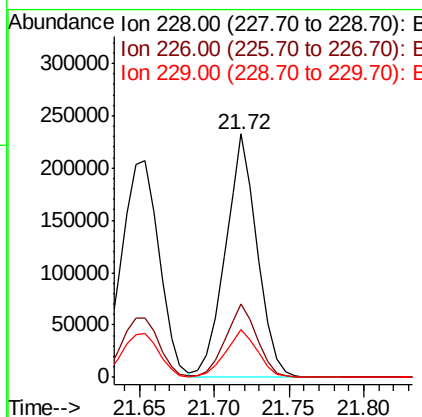
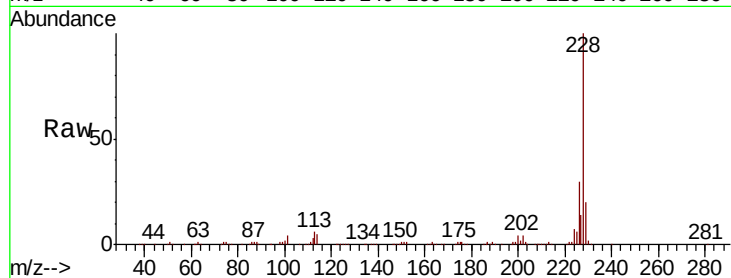




#83
 Chrysene
 Concen: 43.350 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

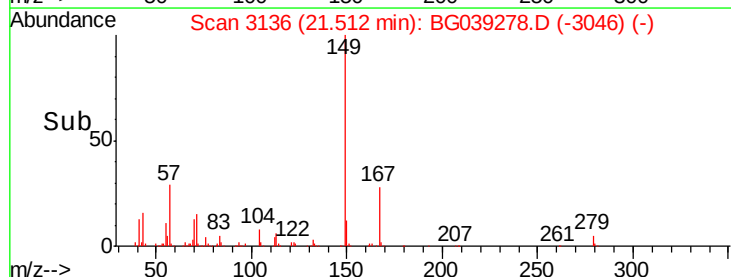
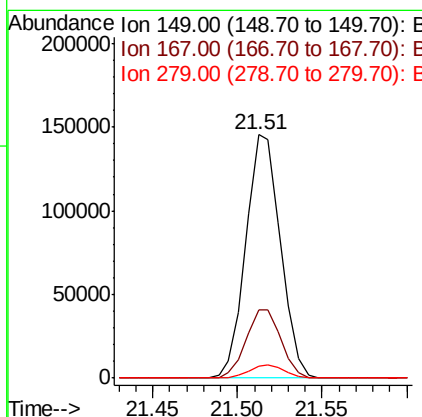
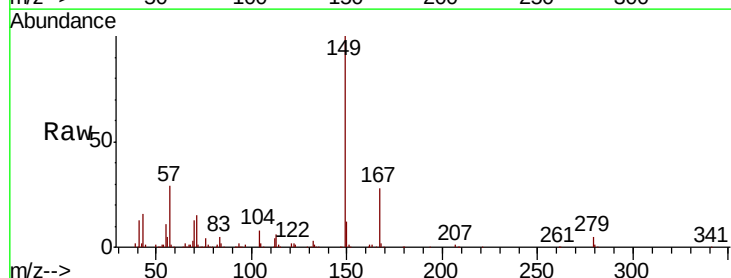
Instrument :
 BNA_G
 ClientSampleId :

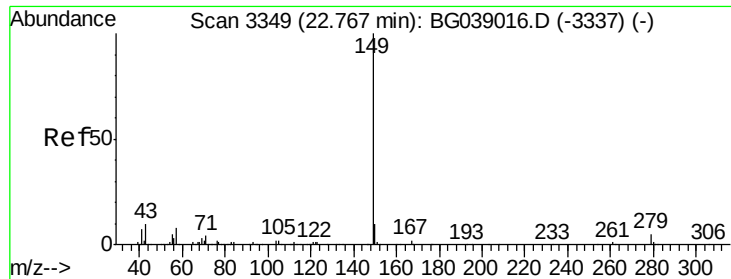
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	19.7	16.0	24.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.977 ng
 RT: 21.51 min Scan# 3136
 Delta R.T. -0.00 min
 Lab File: BG039278.D
 Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.1	25.0	37.4
279	5.1	4.3	6.5

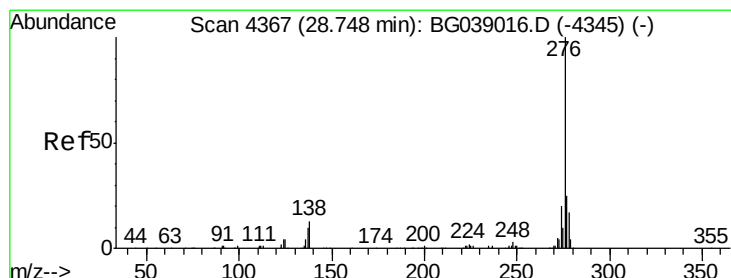
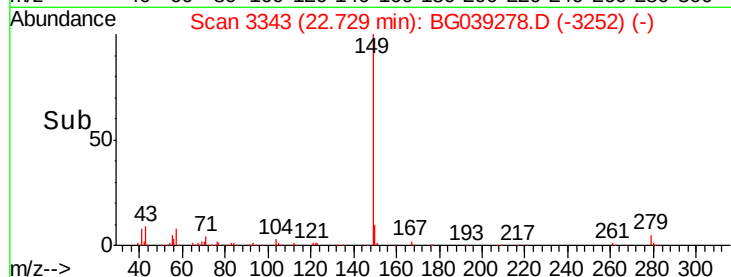
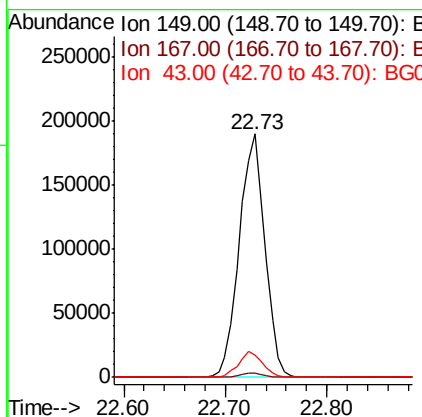
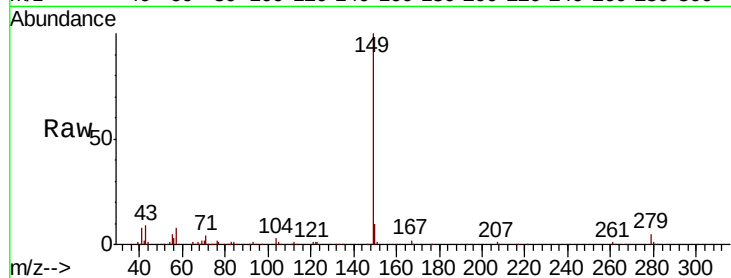




#85
Di-n-octyl phthalate
Concen: 42.743 ng
RT: 22.73 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

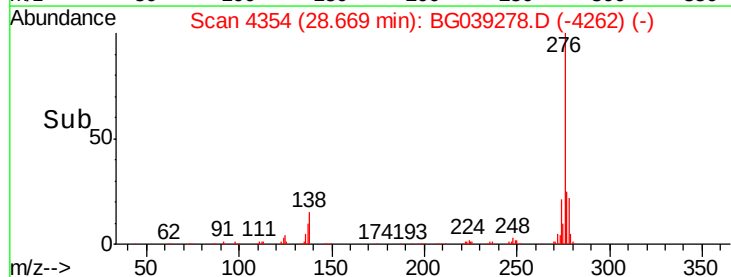
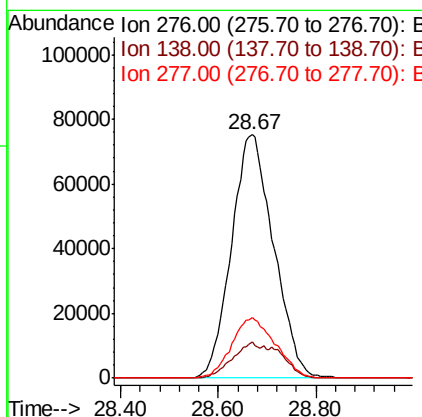
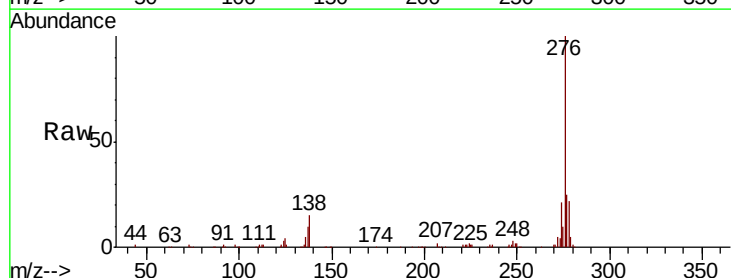
Instrument :
BNA_G
ClientSampleId :

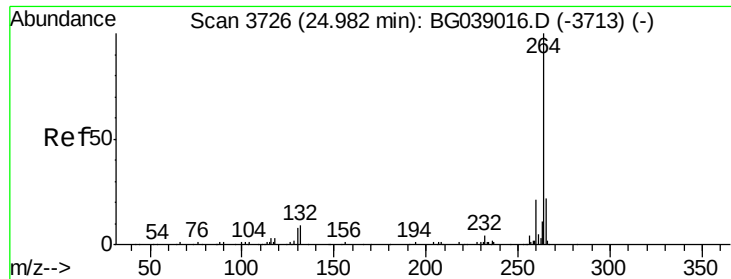
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.8	7.5	11.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.550 ng
RT: 28.67 min Scan# 4354
Delta R.T. 0.01 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	8.0	12.0
277	25.6	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3718

Delta R.T. 0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

Instrument :

BNA_G

ClientSampleId :

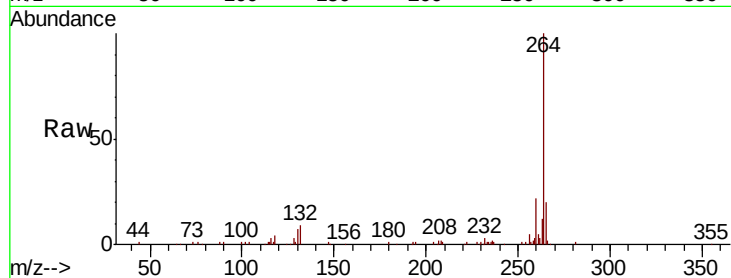
Tot Ion:264 Resp: 137001

Ion Ratio Lower Upper

264 100

260 22.3 17.0 25.6

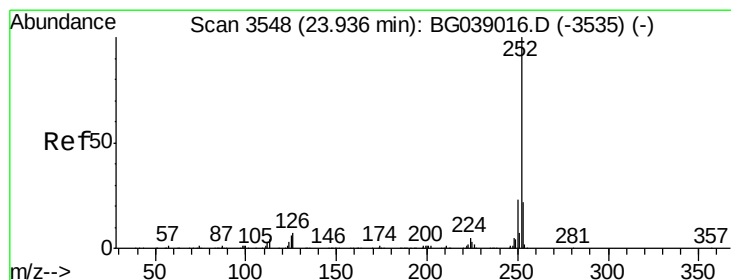
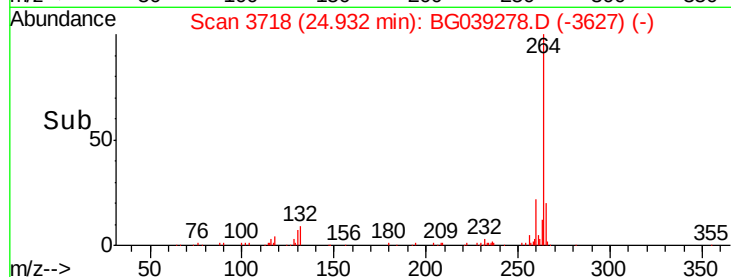
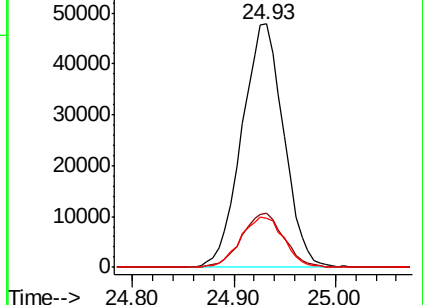
265 20.3 17.2 25.8



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: 50.908 ng

RT: 23.89 min Scan# 3540

Delta R.T. -0.00 min

Lab File: BG039278.D

Acq: 25 Jan 2019 14:44

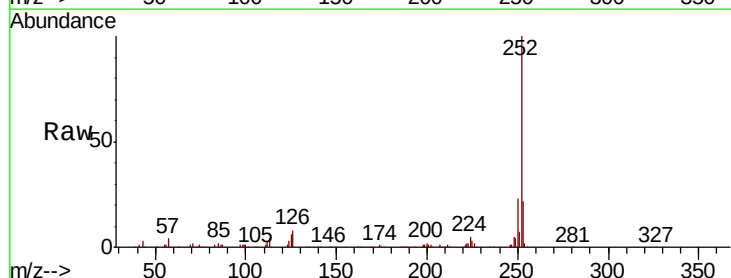
Tgt Ion:252 Resp: 384569

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

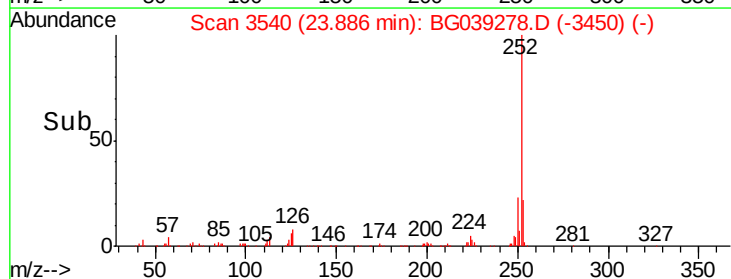
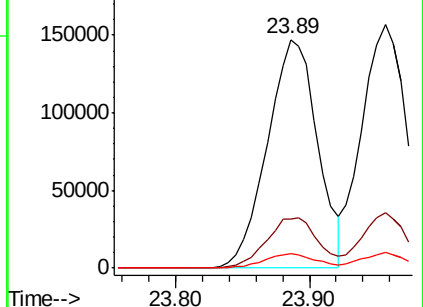
125 6.1 4.9 7.3

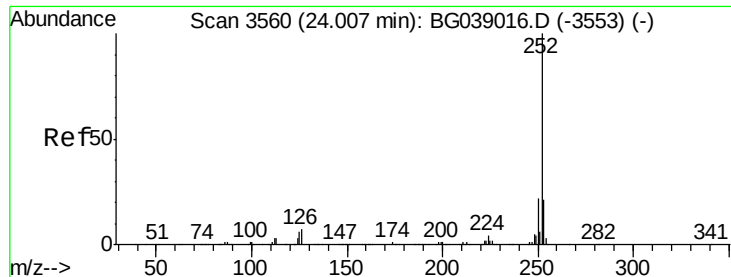


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

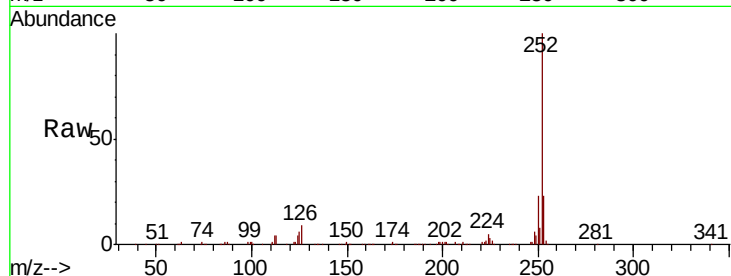




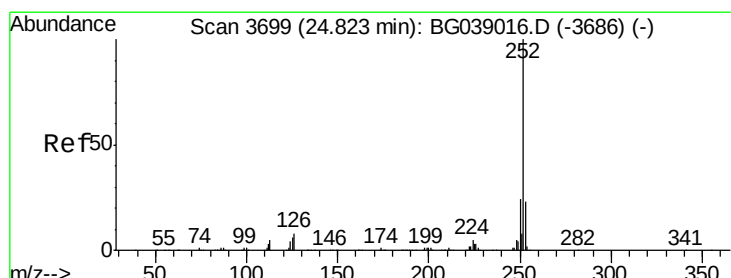
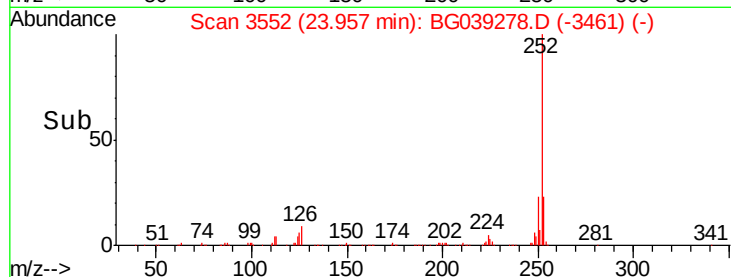
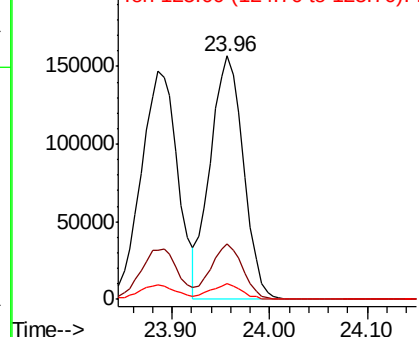
#89
Benzo(k)fluoranthene
Concen: 49.279 ng
RT: 23.96 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:252 Resp: 368067
Ion Ratio Lower Upper
252 100
253 22.7 17.1 25.7
125 6.4 4.6 7.0

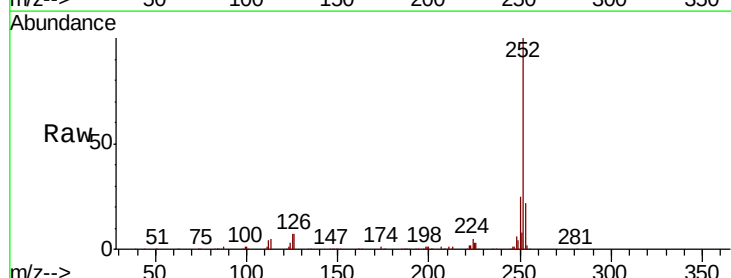


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

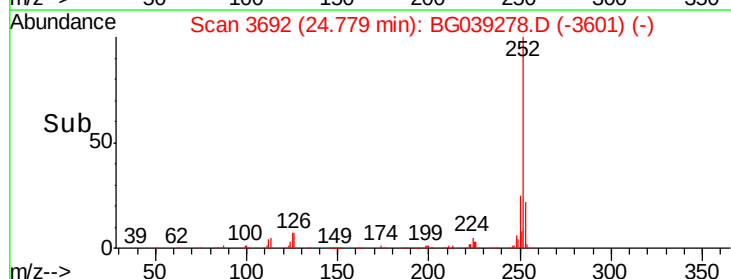
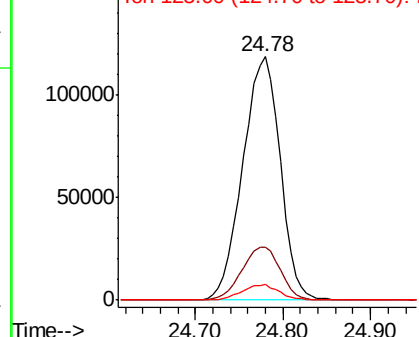


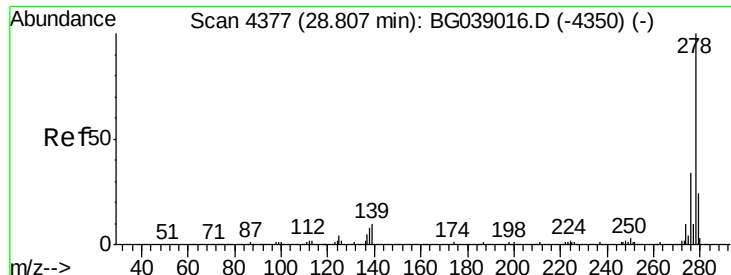
#90
Benzo(a)pyrene
Concen: 47.145 ng
RT: 24.78 min Scan# 3692
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:252 Resp: 344239
Ion Ratio Lower Upper
252 100
253 21.9 18.3 27.5
125 6.7 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



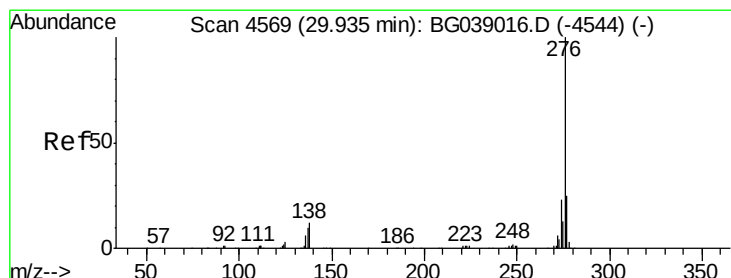
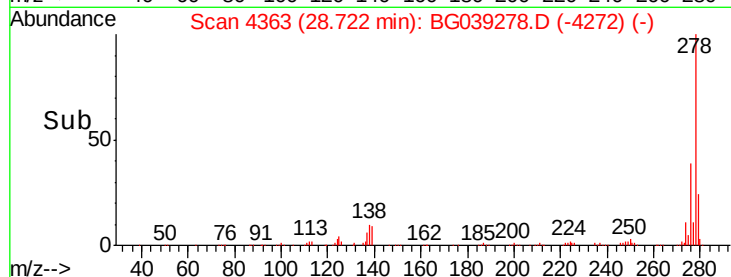
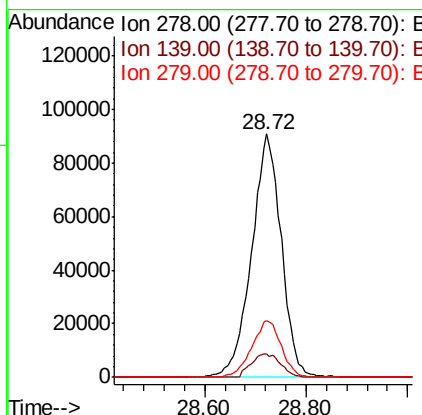
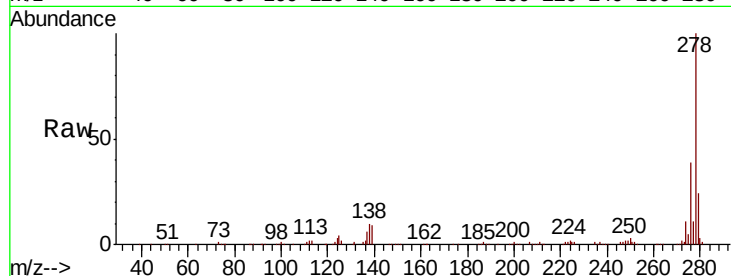


#91
Dibenzo(a,h)anthracene
Concen: 50.877 ng
RT: 28.72 min Scan# 4363
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 369511

Ion	Ratio	Lower	Upper
278	100		
139	9.4	7.9	11.9
279	23.5	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 46.415 ng
RT: 29.84 min Scan# 4554
Delta R.T. 0.00 min
Lab File: BG039278.D
Acq: 25 Jan 2019 14:44

Tgt Ion:276 Resp: 333731

Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.3	30.5
138	11.4	9.4	14.2

