

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039015.D
 Acq On : 9 Jan 2019 11:00
 Operator : JU/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jan 09 12:56:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 12:51:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	20963	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	89014	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	66662	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	171462	20.00	ng	0.00
76) Chrysene-d12	21.70	240	176729	20.00	ng	0.00
87) Perylene-d12	24.98	264	194971	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	57343	48.52	ng	0.00
7) Phenol-d6	7.19	99	82741	50.99	ng	0.00
23) Nitrobenzene-d5	9.21	82	81918	47.01	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	55839	60.78	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	240003	49.39	ng	0.00
79) Terphenyl-d14	20.02	244	495278	60.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	10914	19.841	ng	99
3) Pyridine	3.87	79	31024	20.485	ng	94
4) n-Nitrosodimethylamine	3.79	42	13091	17.641	ng	96
6) Aniline	7.36	93	50791	24.522	ng	99
8) 2-Chlorophenol	7.59	128	33348	24.382	ng	93
9) Benzaldehyde	7.17	77	24955	23.709	ng	95
10) Phenol	7.22	94	41798	24.248	ng	99
11) bis(2-Chloroethyl)ether	7.45	93	31937	23.271	ng	97
12) 1,3-Dichlorobenzene	7.92	146	40210	24.864	ng	96
13) 1,4-Dichlorobenzene	8.07	146	40618	24.524	ng	97
14) 1,2-Dichlorobenzene	8.39	146	39508	25.302	ng	91
15) Benzyl Alcohol	8.27	79	32227	25.447	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.56	45	61748	19.641	ng	97
17) 2-Methylphenol	8.47	107	29191	25.276	ng	100
18) Hexachloroethane	9.11	117	13621	22.506	ng	93
19) n-Nitroso-di-n-propylamine	8.83	70	28621	25.115	ng	# 94
20) 3+4-Methylphenols	8.80	107	42005	26.336	ng	97
22) Acetophenone	8.86	105	59542	26.780	ng	# 98
24) Nitrobenzene	9.25	77	42025	23.842	ng	99
25) Isophorone	9.77	82	71769	22.925	ng	99
26) 2-Nitrophenol	9.96	139	22569	25.016	ng	93
27) 2,4-Dimethylphenol	10.01	122	32825	25.388	ng	93
28) bis(2-Chloroethoxy)methane	10.25	93	44086	24.954	ng	99
29) 2,4-Dichlorophenol	10.49	162	39996	27.806	ng	96
30) 1,2,4-Trichlorobenzene	10.71	180	47592	27.392	ng	94
31) Naphthalene	10.90	128	112310	25.608	ng	99
32) Benzoic acid	10.15	122	15086	21.976	ng	88
33) 4-Chloroaniline	11.02	127	53165	27.921	ng	99
34) Hexachlorobutadiene	11.16	225	32748	27.856	ng	96
35) Caprolactam	11.79	113	16890	28.374	ng	99
36) 4-Chloro-3-methylphenol	12.13	107	42508	25.897	ng	95
37) 2-Methylnaphthalene	12.50	142	84426	26.983	ng	99
38) 1-Methylnaphthalene	12.72	142	82092	27.038	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	62243	24.979	ng	99

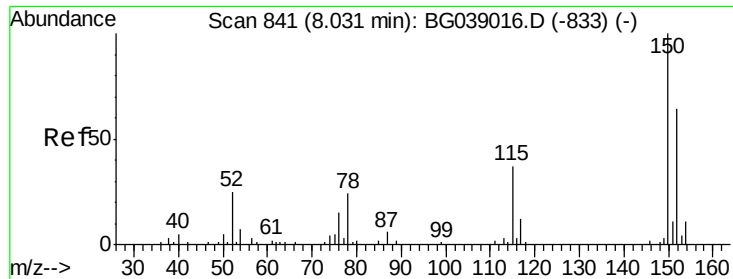
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010919\
 Data File : BG039015.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	28601	20.892	ng	95
43) 2,4,6-Trichlorophenol	13.11	196	39581	25.834	ng	98
44) 2,4,5-Trichlorophenol	13.19	196	42415	26.147	ng	97
46) 1,1'-Biphenyl	13.50	154	129842	23.234	ng	98
47) 2-Chloronaphthalene	13.56	162	103941	24.078	ng	99
48) 2-Nitroaniline	13.77	65	31075	22.600	ng	95
49) Acenaphthylene	14.40	152	161565	25.036	ng	98
50) Dimethylphthalate	14.12	163	142961	26.261	ng	99
51) 2,6-Dinitrotoluene	14.25	165	32003	25.941	ng	97
52) Acenaphthene	14.74	154	95443	24.733	ng	97
53) 3-Nitroaniline	14.59	138	32554	25.886	ng	95
54) 2,4-Dinitrophenol	14.80	184	15192	23.583	ng	96
55) Dibenzofuran	15.07	168	170502	25.776	ng	97
56) 4-Nitrophenol	14.90	139	22339	23.415	ng	99
57) 2,4-Dinitrotoluene	15.04	165	46034	26.493	ng	# 96
58) Fluorene	15.72	166	128283	26.176	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	39286	26.918	ng	# 99
60) Diethylphthalate	15.48	149	146497	24.514	ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	81171	26.546	ng	99
62) 4-Nitroaniline	15.76	138	35425	27.362	ng	95
63) Azobenzene	16.00	77	115030	23.041	ng	98
65) 4,6-Dinitro-2-methylphenol	15.81	198	31023	25.364	ng	92
66) n-Nitrosodiphenylamine	15.92	169	128641	25.534	ng	98
67) 4-Bromophenyl-phenylether	16.60	248	55296	26.406	ng	94
68) Hexachlorobenzene	16.72	284	59788	27.543	ng	97
69) Atrazine	16.87	200	55542	29.707	ng	94
70) Pentachlorophenol	17.07	266	29494	22.971	ng	95
71) Phenanthrene	17.46	178	229161	25.773	ng	98
72) Anthracene	17.56	178	227835	25.956	ng	98
73) Carbazole	17.83	167	227253	26.178	ng	99
74) Di-n-butylphthalate	18.36	149	248548	24.952	ng	98
75) Fluoranthene	19.47	202	286503	26.043	ng	99
77) Benzidine	19.66	184	141769	27.125	ng	99
78) Pyrene	19.84	202	293357	25.126	ng	98
80) Butylbenzylphthalate	20.71	149	107295	23.523	ng	99
81) Benzo(a)anthracene	21.68	228	275169	25.552	ng	97
82) 3,3'-Dichlorobenzidine	21.60	252	113935	26.676	ng	98
83) Chrysene	21.75	228	260370	25.102	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	151522	23.422	ng	95
85) Di-n-octyl phthalate	22.77	149	257009	23.722	ng	100
86) Indeno(1,2,3-cd)pyrene	28.74	276	309389	25.371	ng	# 96
88) Benzo(b)fluoranthene	23.93	252	270348	25.255	ng	99
89) Benzo(k)fluoranthene	24.00	252	263915	24.758	ng	99
90) Benzo(a)pyrene	24.82	252	261638	25.335	ng	99
91) Dibenzo(a,h)anthracene	28.80	278	257622	25.054	ng	96
92) Benzo(g,h,i)perylene	29.92	276	258928	25.552	ng	97

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

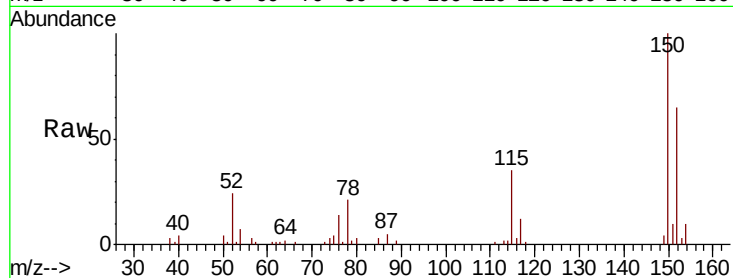


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.0	124.7	187.1
115	54.2	46.5	69.7

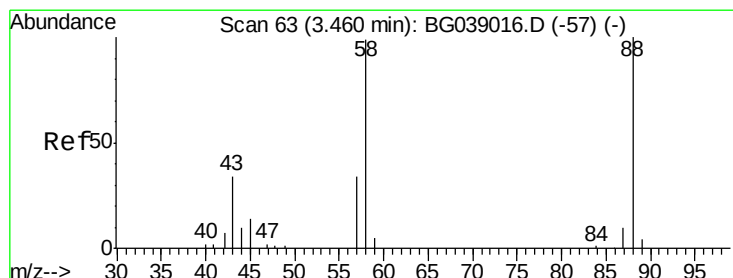
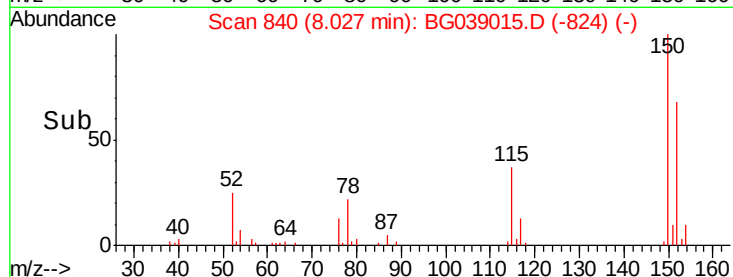
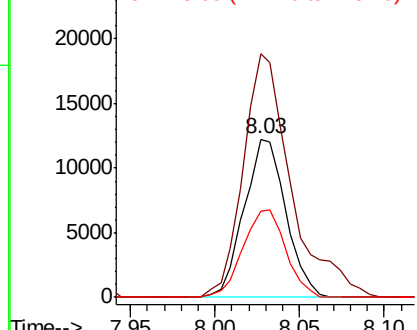


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

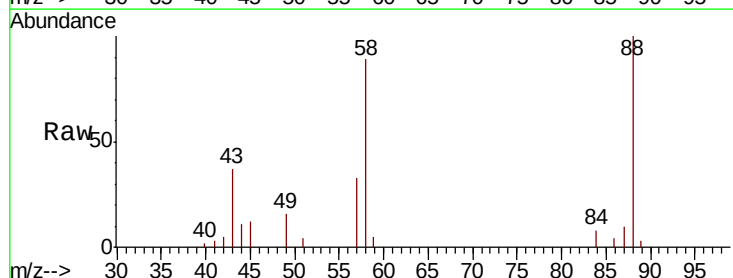
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 19.841 ng
RT: 3.46 min Scan# 63
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	72.4	108.6
43	34.5	27.6	41.4

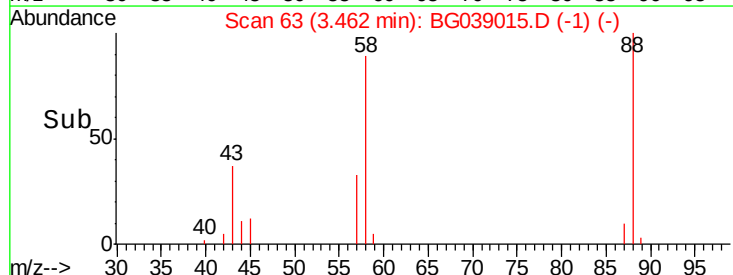
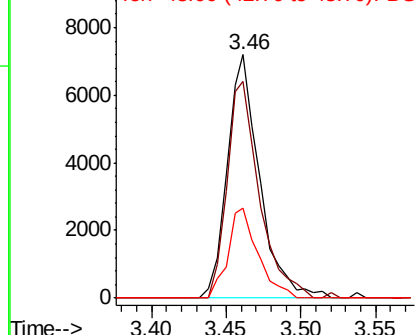


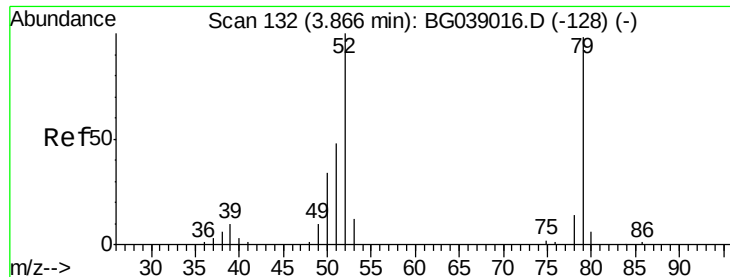
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 20.485 ng

RT: 3.87 min Scan# 132

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

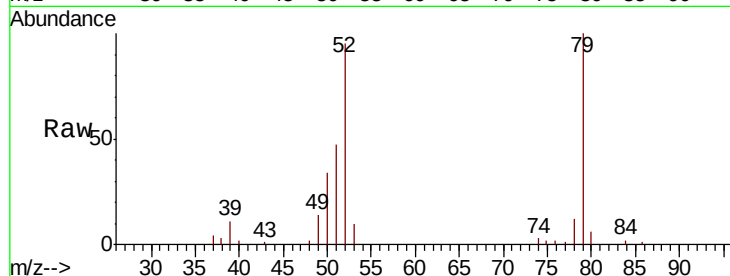
Tot Ion: 79 Resp: 31024

Ion Ratio Lower Upper

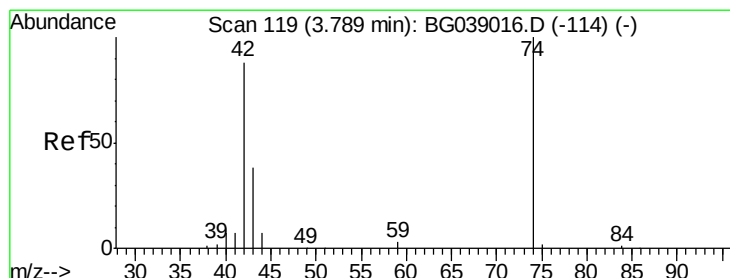
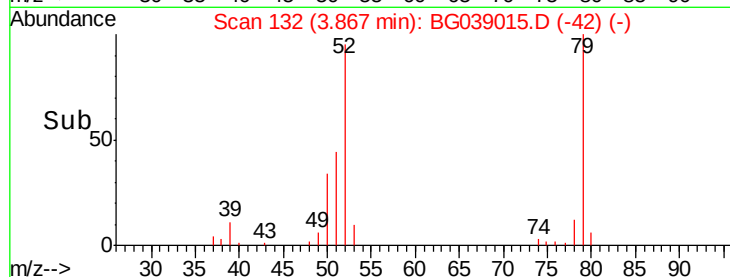
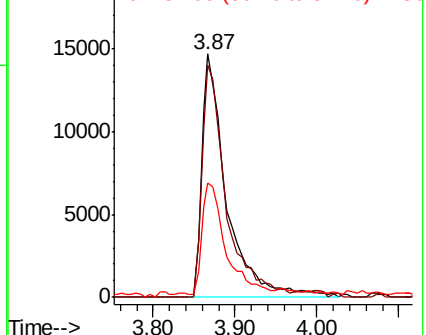
79 100

52 95.5 81.5 122.3

51 46.9 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: 17.641 ng

RT: 3.79 min Scan# 119

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

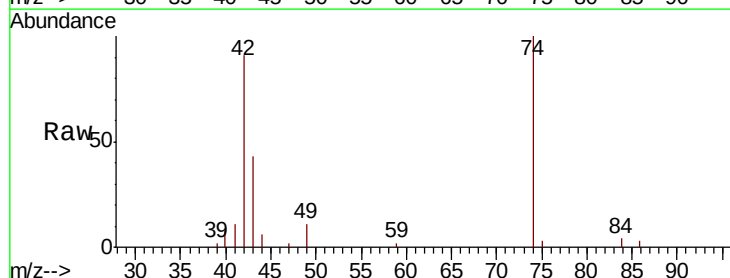
Tgt Ion: 42 Resp: 13091

Ion Ratio Lower Upper

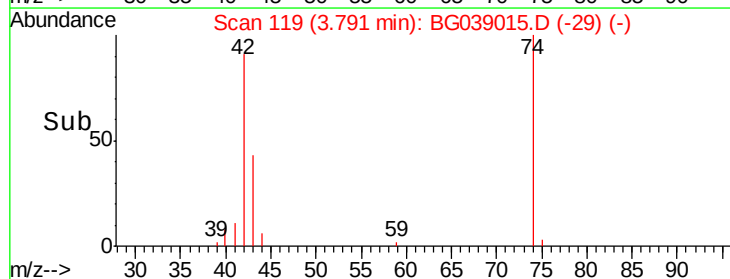
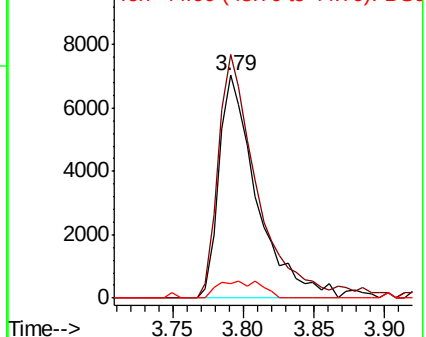
42 100

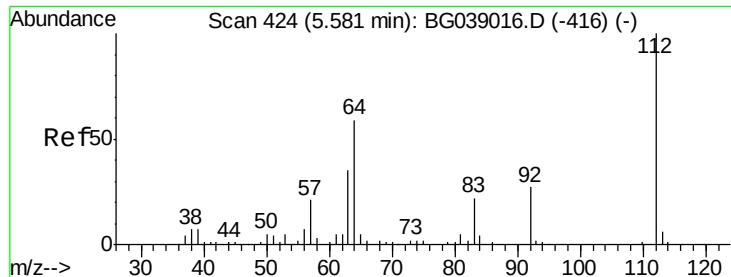
74 109.4 90.7 136.1

44 6.8 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: 48.517 ng

RT: 5.58 min Scan# 424

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

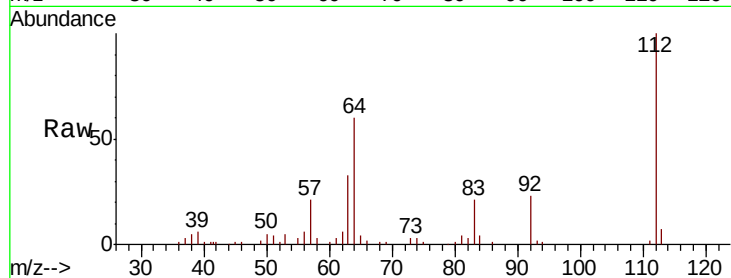
Tot Ion: 112 Resp: 57343

Ion Ratio Lower Upper

112 100

64 60.3 47.0 70.6

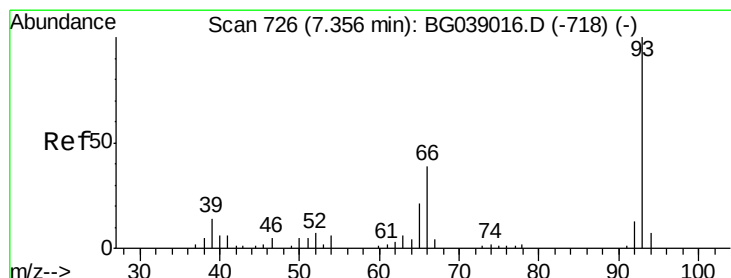
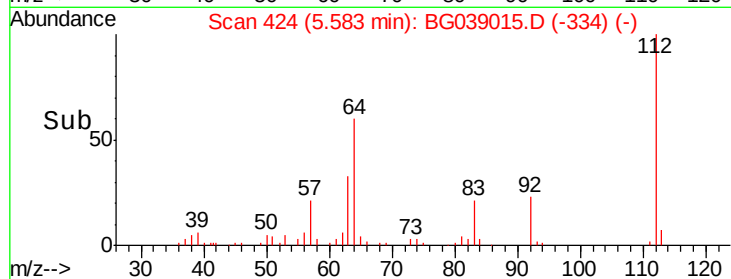
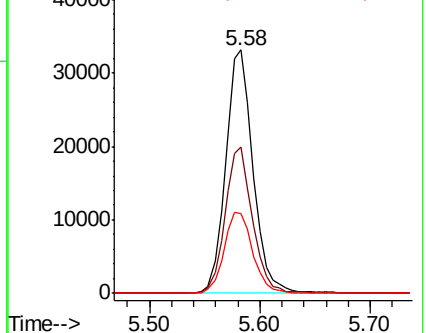
63 32.7 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG



#6

Aniline

Concen: 24.522 ng

RT: 7.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

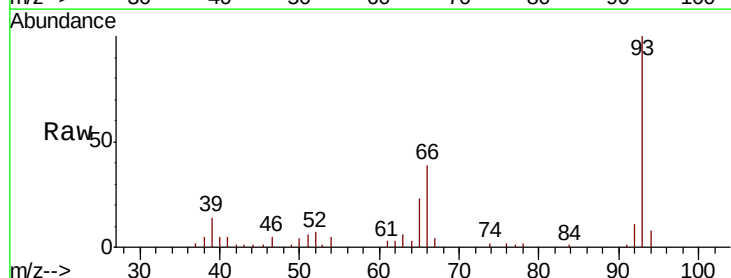
Tgt Ion: 93 Resp: 50791

Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

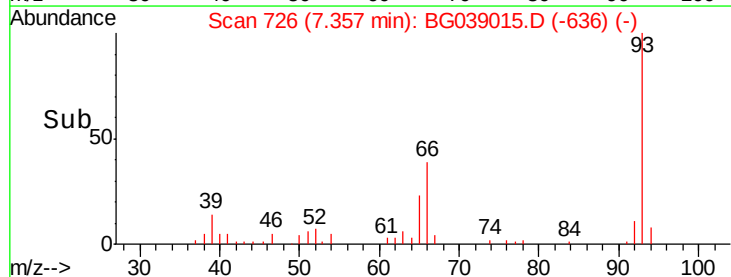
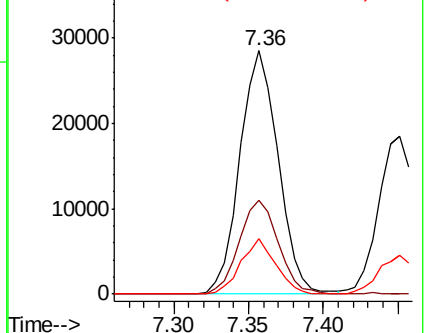
65 22.8 17.0 25.4

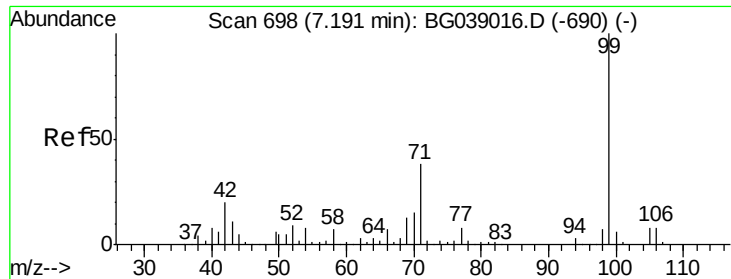


Abundance Ion 93.00 (92.70 to 93.70): BG

Ion 66.00 (65.70 to 66.70): BG

Ion 65.00 (64.70 to 65.70): BG





#7

Phenol-d6

Concen: 50.995 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

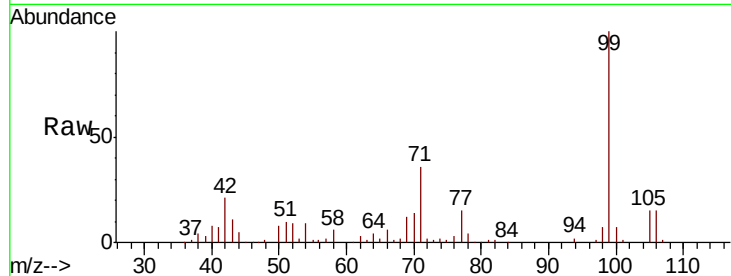
Tot Ion: 99 Resp: 82741

Ion Ratio Lower Upper

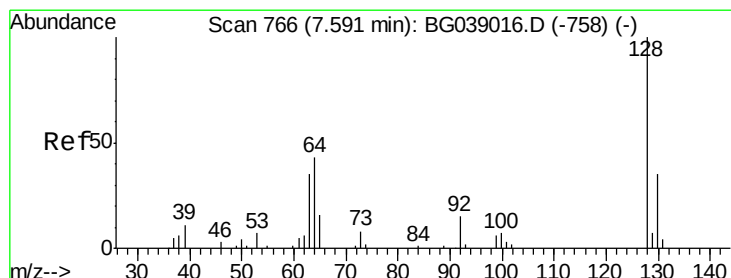
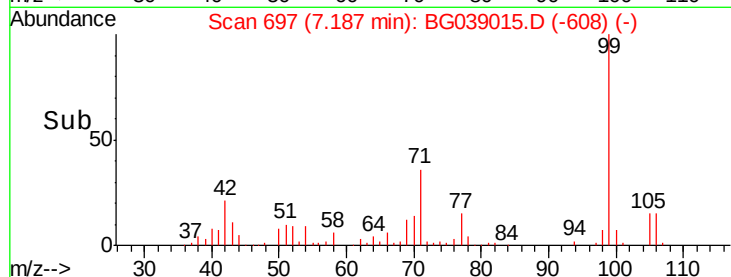
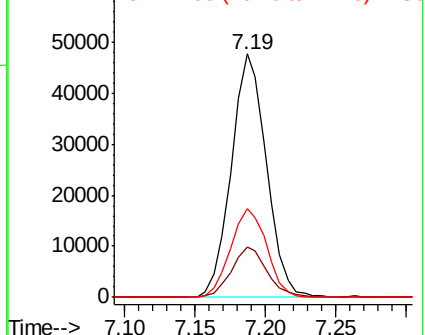
99 100

42 20.8 15.8 23.6

71 36.2 30.2 45.4



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



#8

2-Chlorophenol

Concen: 24.382 ng

RT: 7.59 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

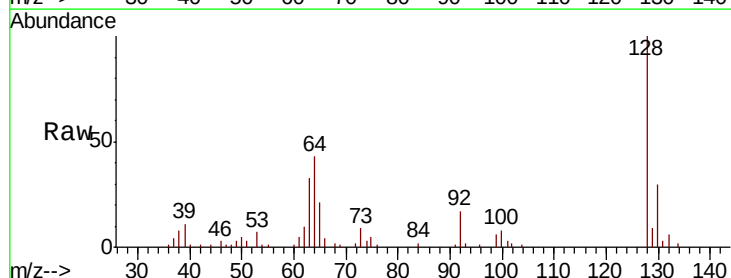
Tgt Ion: 128 Resp: 33348

Ion Ratio Lower Upper

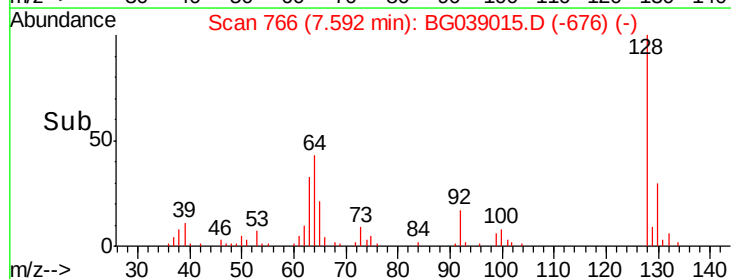
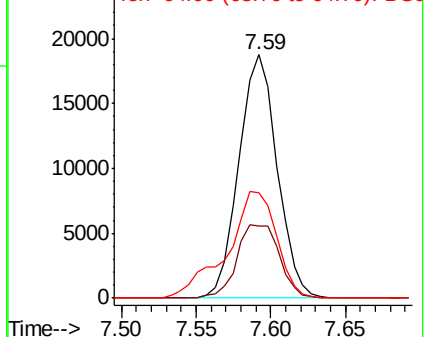
128 100

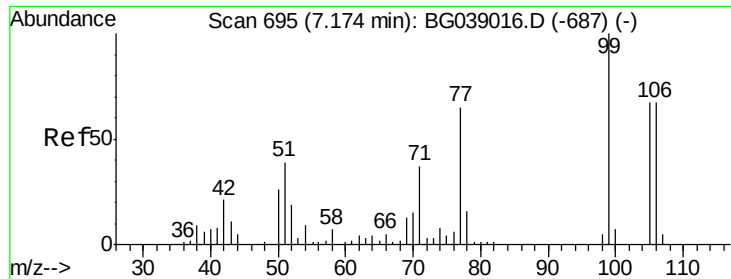
130 29.8 14.5 54.5

64 43.3 27.3 67.3



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





#9

Benzaldehyde

Concen: 23.709 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

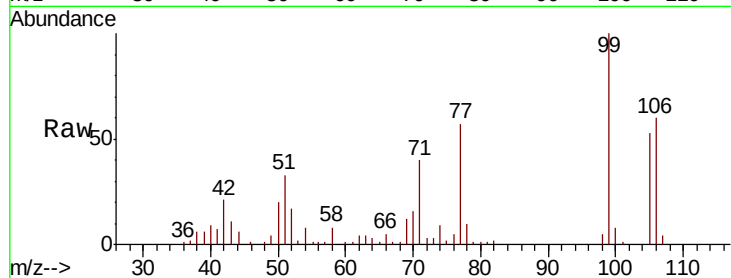
Tot Ion: 77 Resp: 24955

Ion Ratio Lower Upper

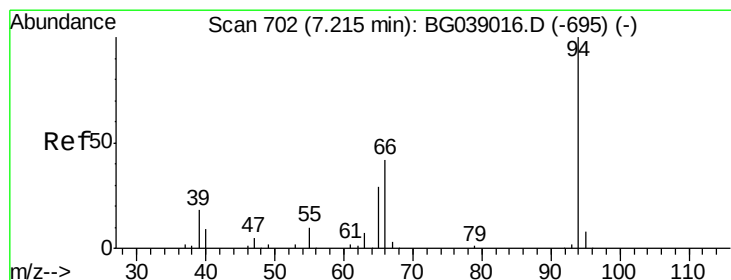
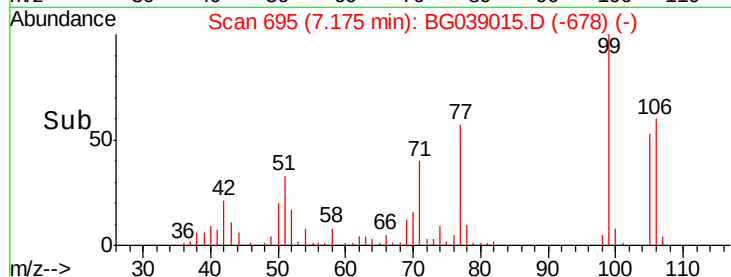
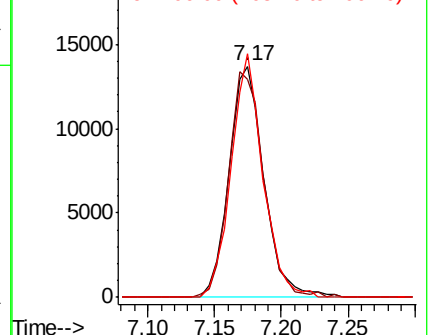
77 100

105 94.2 82.4 122.4

106 105.4 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: 24.248 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

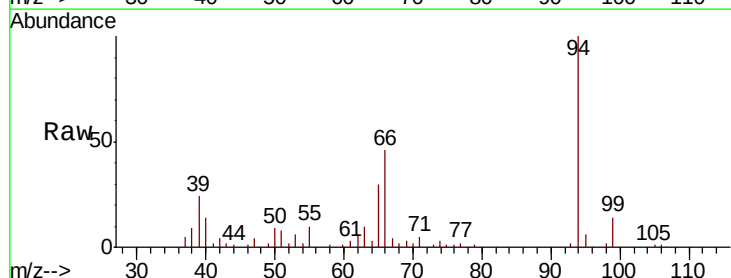
Tgt Ion: 94 Resp: 41798

Ion Ratio Lower Upper

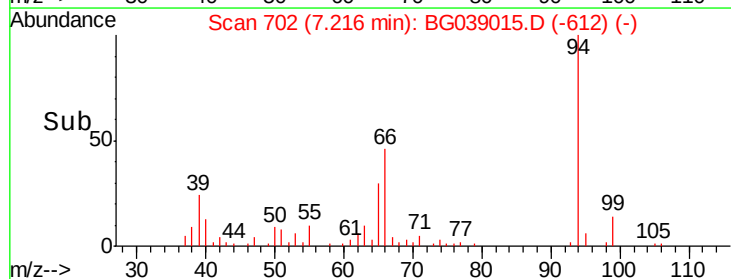
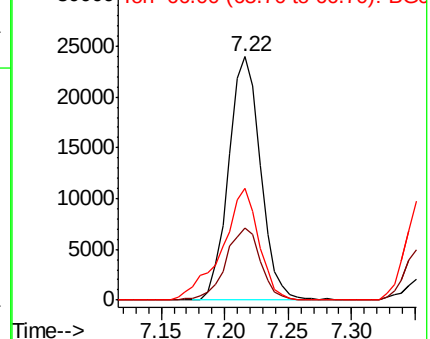
94 100

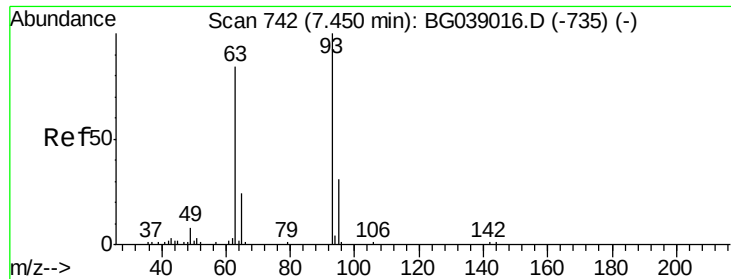
65 29.6 10.3 50.3

66 45.9 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

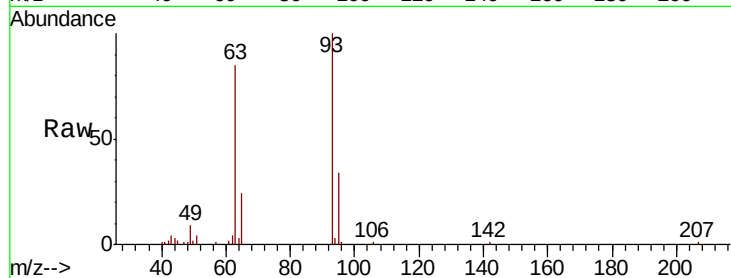




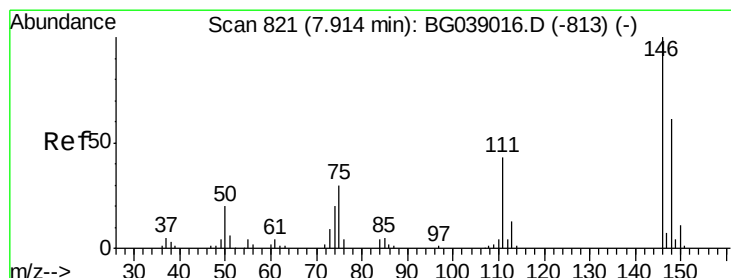
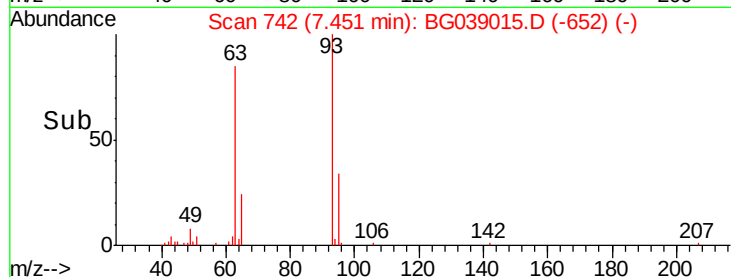
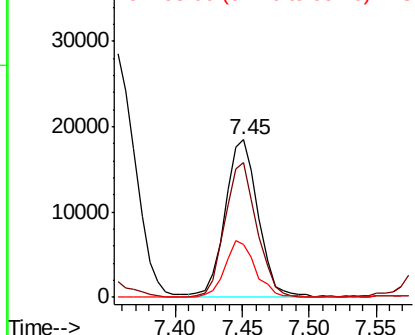
#11
bis(2-Chloroethyl)ether
Concen: 23.271 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 93 Resp: 31937
Ion Ratio Lower Upper
93 100
63 85.4 63.2 103.2
95 33.7 11.2 51.2

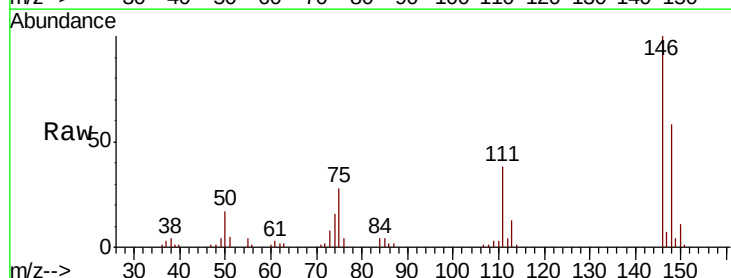


Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC

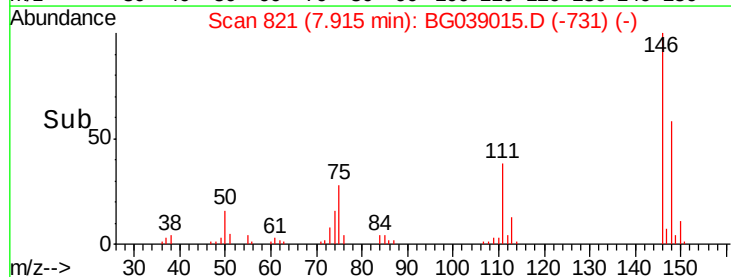
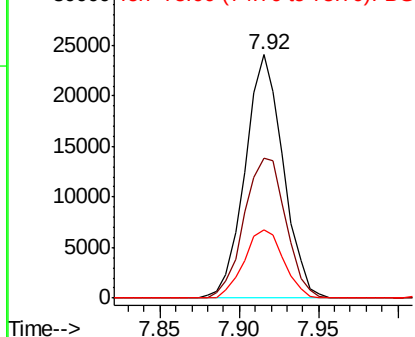


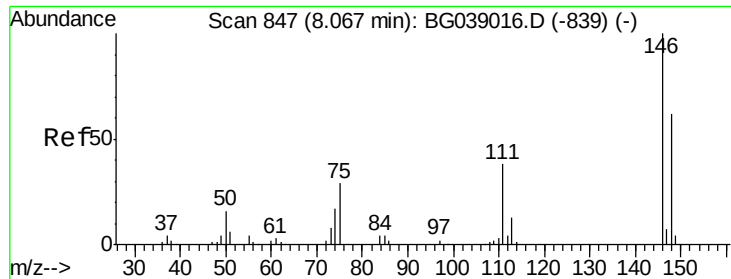
#12
1,3-Dichlorobenzene
Concen: 24.864 ng
RT: 7.92 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion: 146 Resp: 40210
Ion Ratio Lower Upper
146 100
148 57.5 49.1 73.7
75 28.2 23.9 35.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

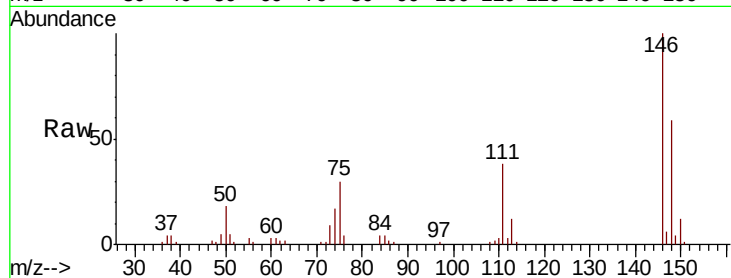




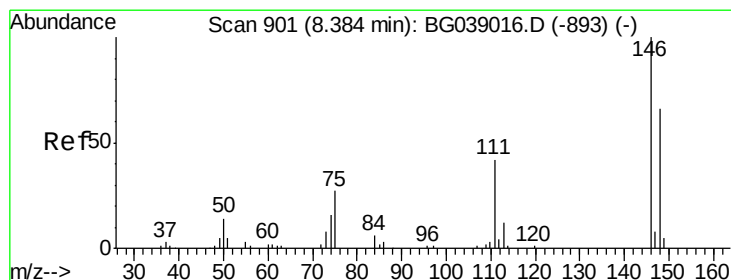
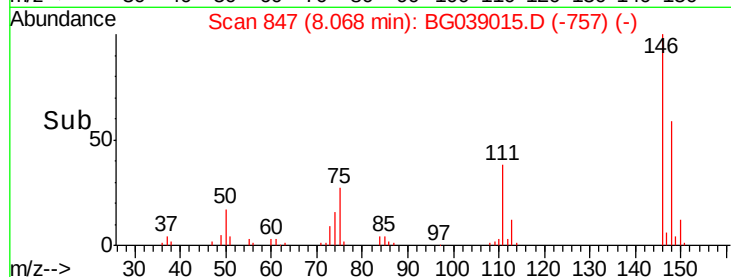
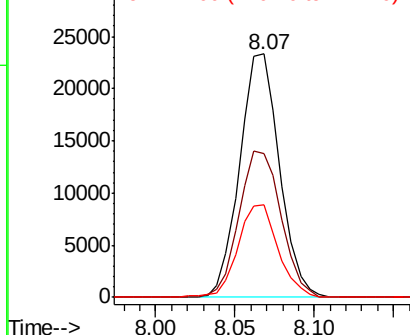
#13
 1,4-Dichlorobenzene
 Concen: 24.524 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 40618
 Ion Ratio Lower Upper
 146 100
 148 59.0 49.8 74.6
 111 38.0 30.6 45.8

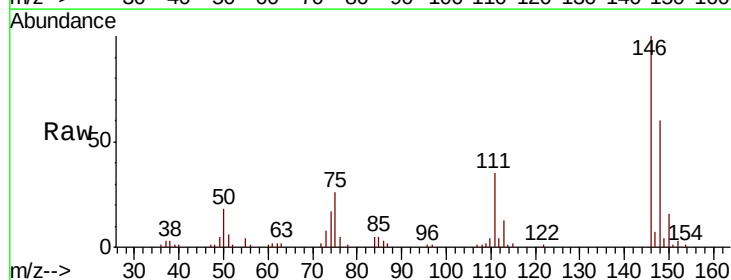


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

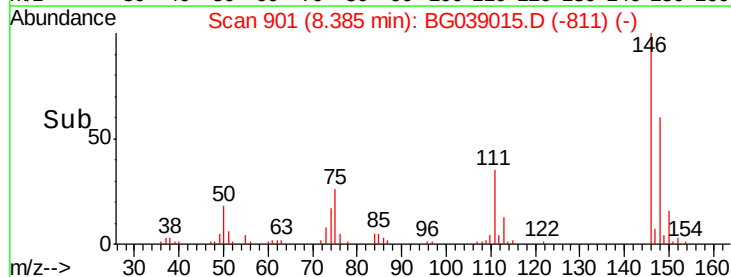
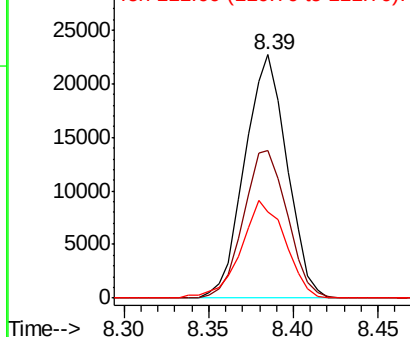


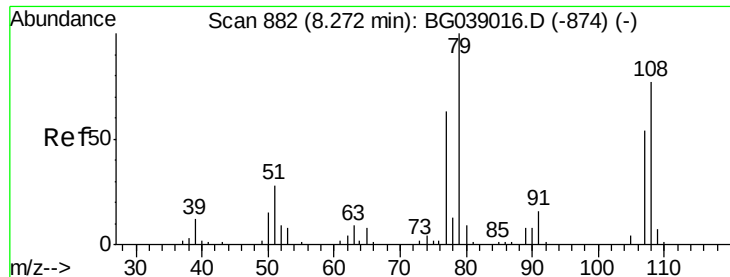
#14
 1,2-Dichlorobenzene
 Concen: 25.302 ng
 RT: 8.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:146 Resp: 39508
 Ion Ratio Lower Upper
 146 100
 148 60.4 52.6 79.0
 111 35.4 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: 25.447 ng

RT: 8.27 min Scan# 882

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

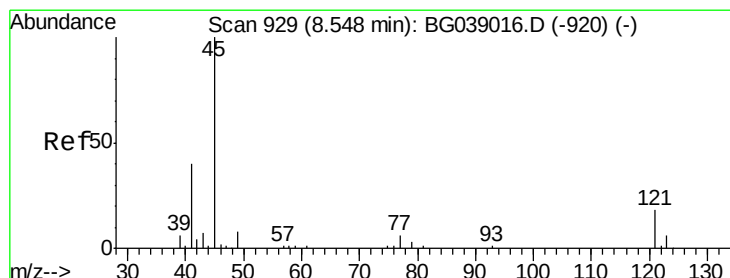
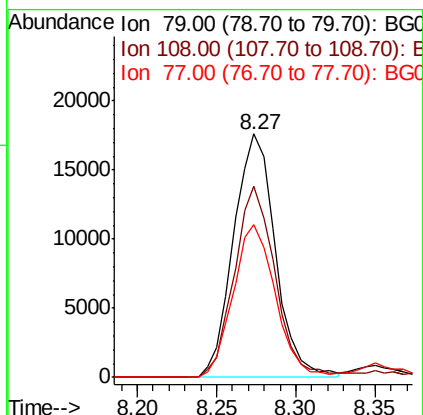
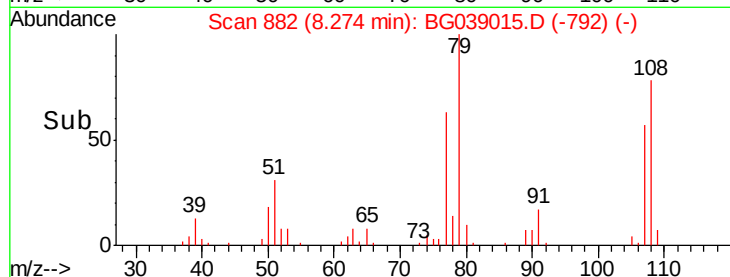
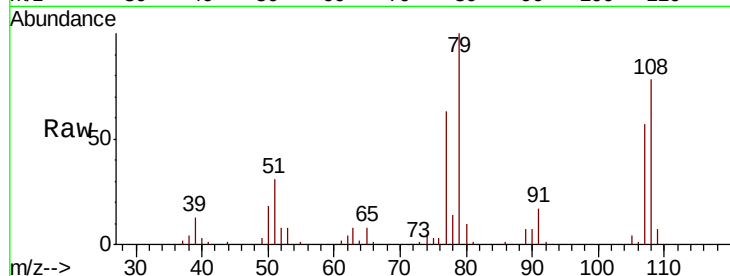
Tot Ion: 79 Resp: 32227

Ion Ratio Lower Upper

79 100

108 78.3 62.0 93.0

77 62.5 50.1 75.1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.641 ng

RT: 8.56 min Scan# 930

Delta R.T. 0.01 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

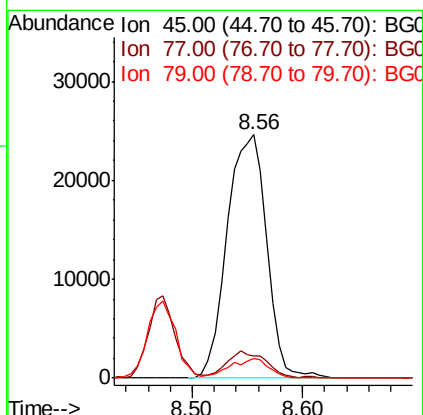
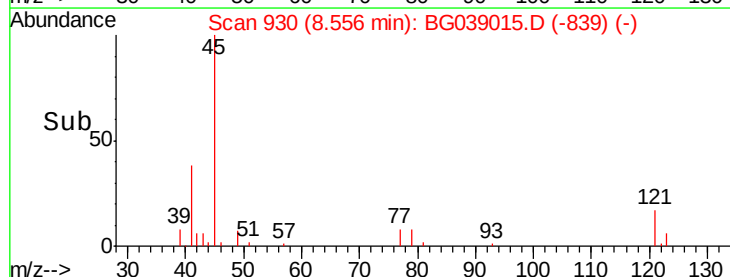
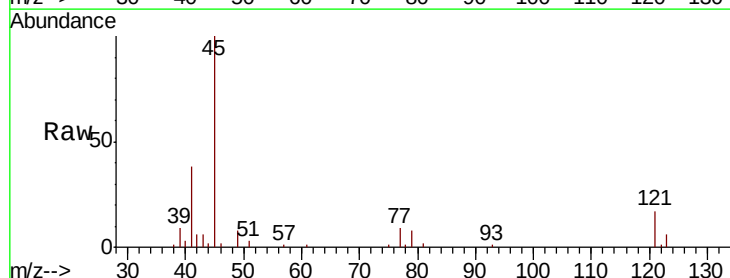
Tgt Ion: 45 Resp: 61748

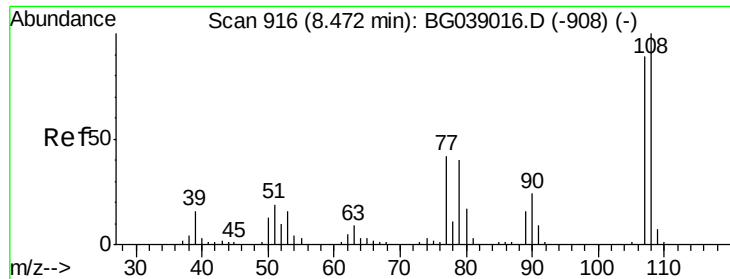
Ion Ratio Lower Upper

45 100

77 9.1 0.0 30.7

79 7.9 0.0 28.5

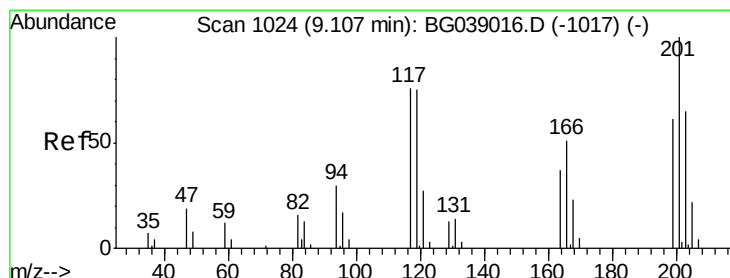
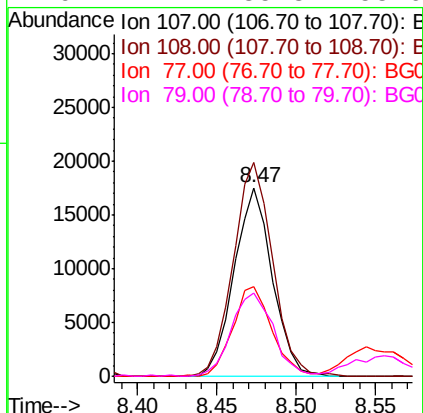
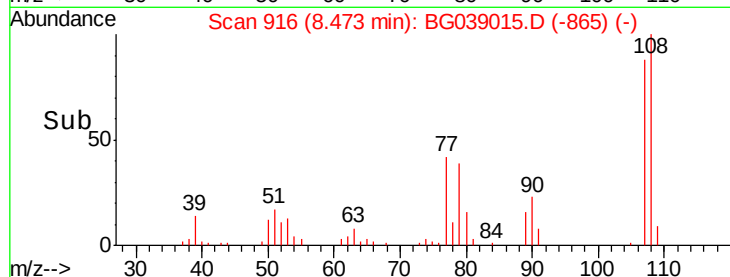
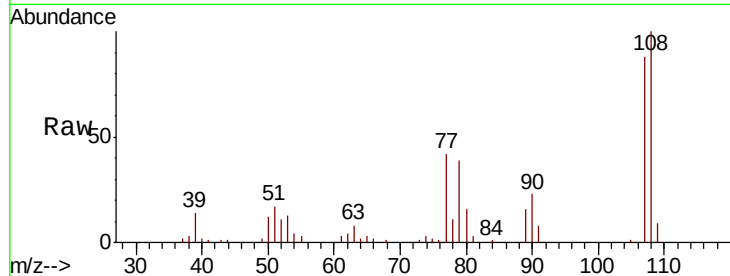




#17
2-Methylphenol
Concen: 25.276 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

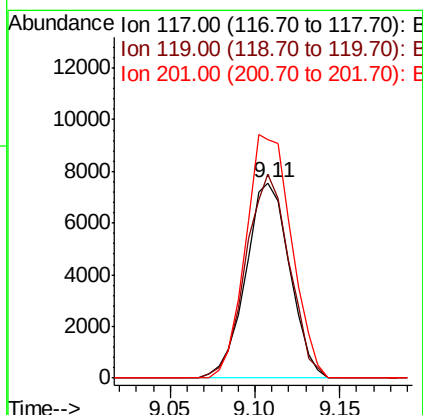
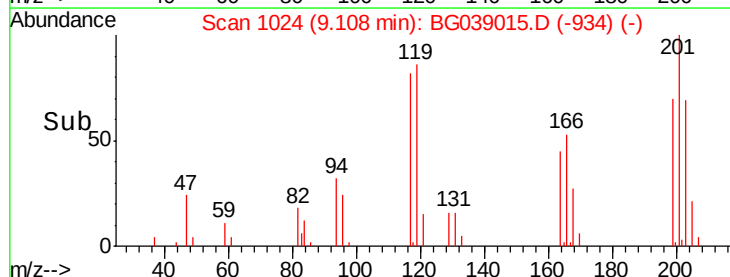
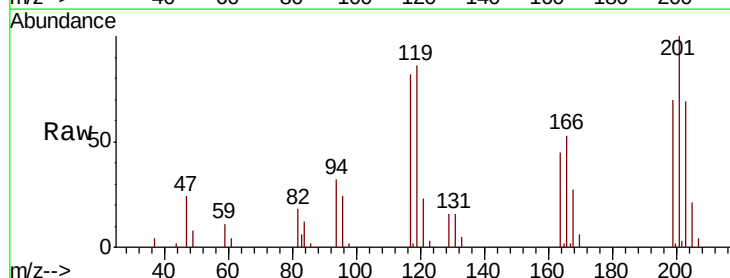
Instrument :
BNA_G
ClientSampleId :

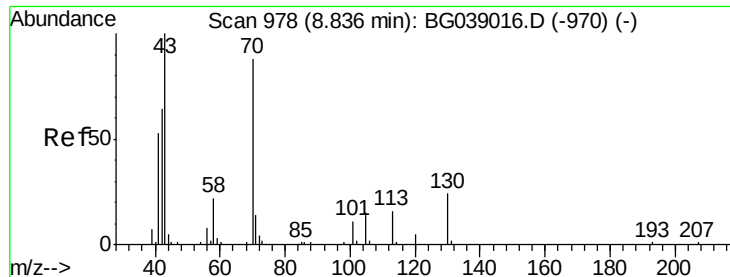
Tot Ion:107 Resp: 29191
Ion Ratio Lower Upper
107 100
108 113.1 90.3 135.5
77 47.4 38.3 57.5
79 44.2 35.8 53.6



#18
Hexachloroethane
Concen: 22.506 ng
RT: 9.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:117 Resp: 13621
Ion Ratio Lower Upper
117 100
119 104.4 78.7 118.1
201 125.3 108.1 162.1

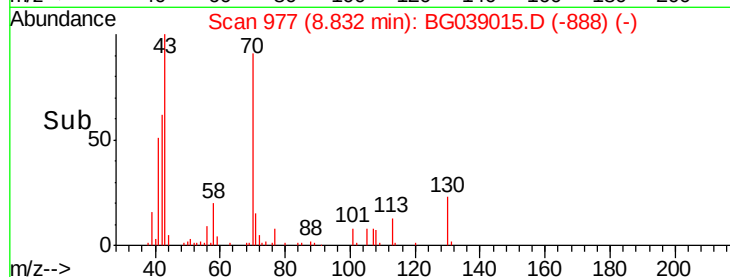
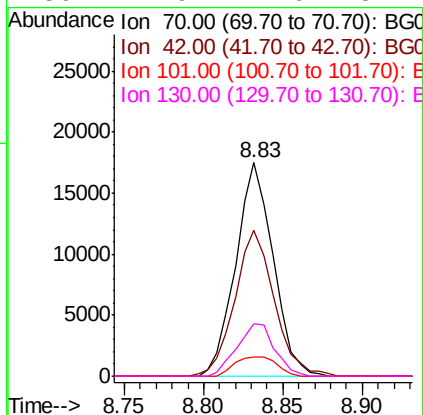
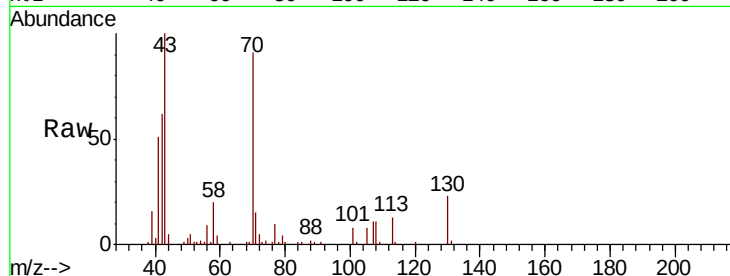




#19
n-Nitroso-di-n-propylamine
Concen: 25.115 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

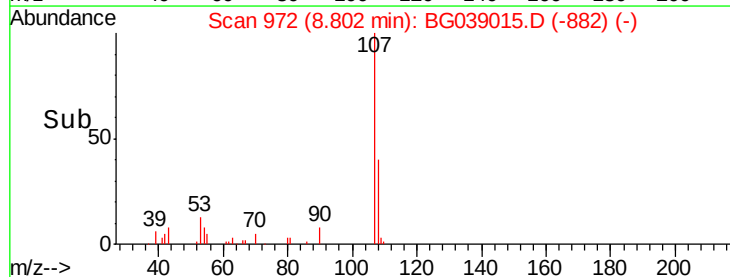
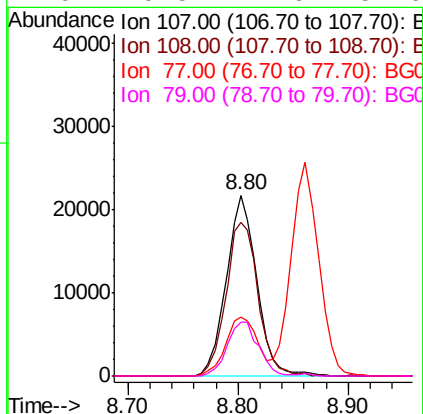
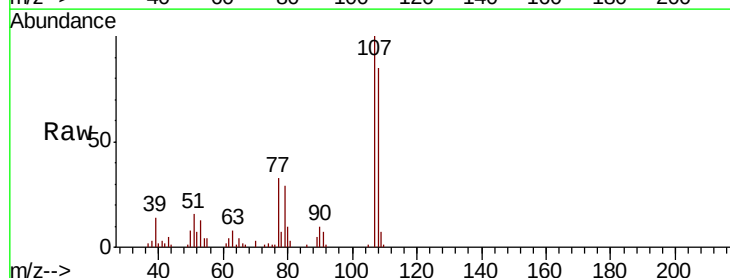
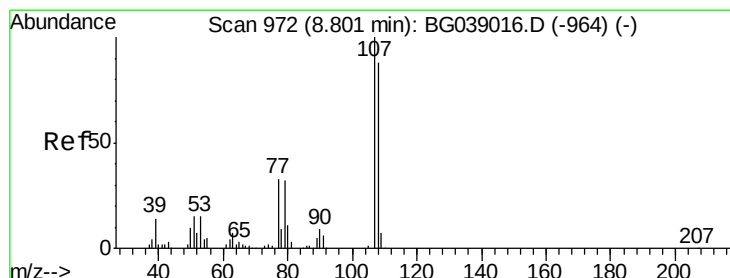
Instrument :
BNA_G
ClientSampleId :

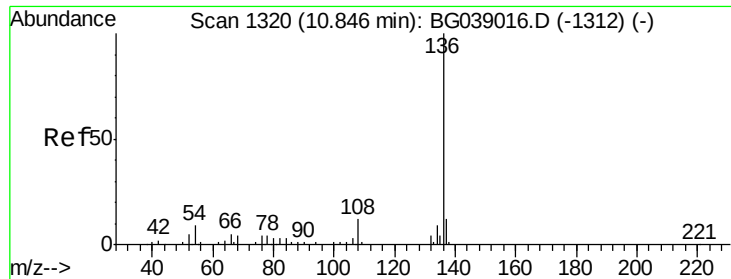
Tot Ion:	70	Resp:	28621
Ion	Ratio	Lower	Upper
70	100		
42	68.4	59.0	88.4
101	9.1	10.4	15.6#
130	24.9	21.6	32.4



#20
3+4-Methylphenols
Concen: 26.336 ng
RT: 8.80 min Scan# 972
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:	107	Resp:	42005
Ion	Ratio	Lower	Upper
107	100		
108	85.0	68.4	108.4
77	32.6	13.3	53.3
79	29.5	11.6	51.6

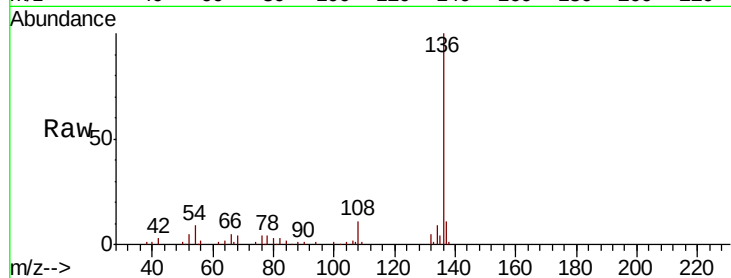




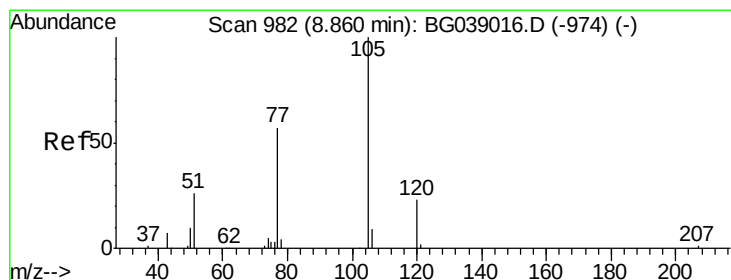
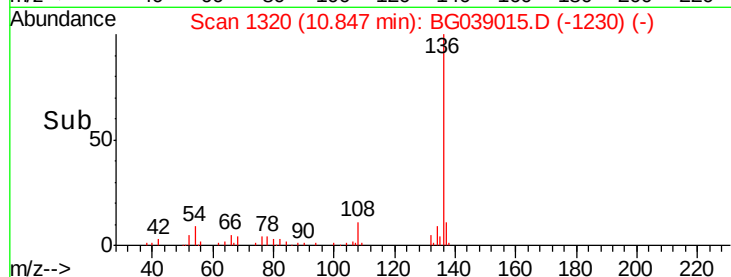
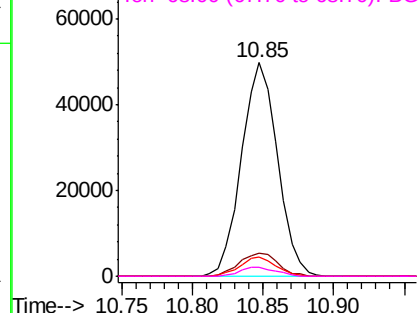
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	89014
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.4 14.2
54	8.7	7.2 10.8
68	4.2	3.5 5.3

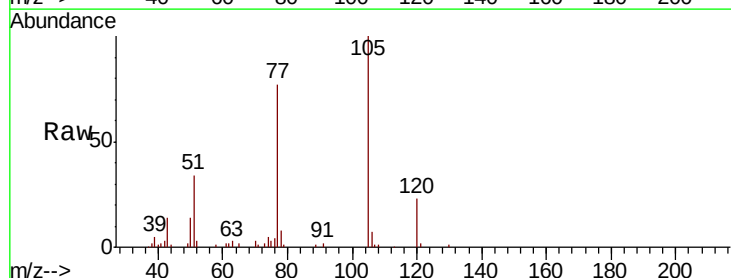


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

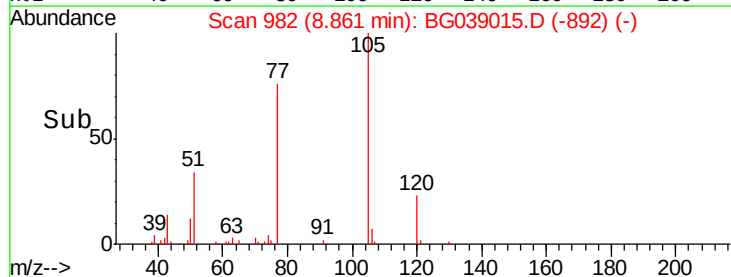
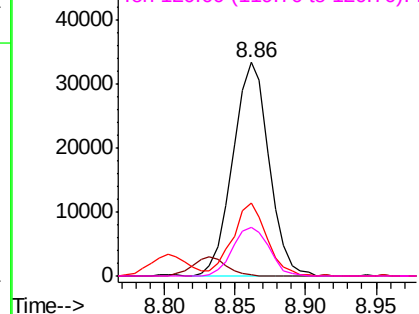


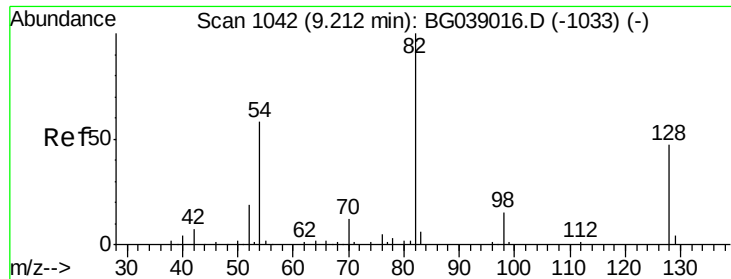
#22
Acetophenone
Concen: 26.780 ng
RT: 8.86 min Scan# 982
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:105	Resp:	59542
Ion	Ratio	Lower Upper
105	100	
71	0.6	0.6 1.0#
51	34.4	26.6 39.8
120	22.9	17.9 26.9



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

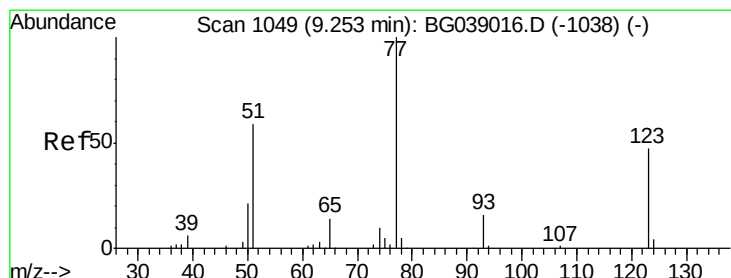
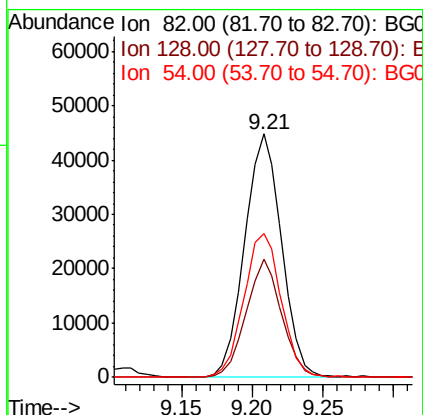
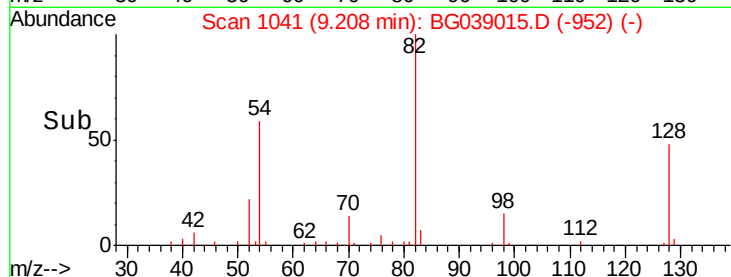
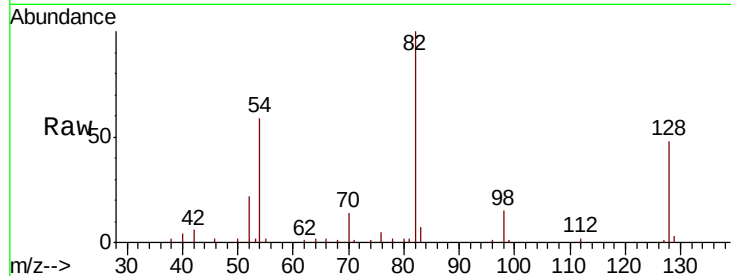




#23
 Nitrobenzene-d5
 Concen: 47.015 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

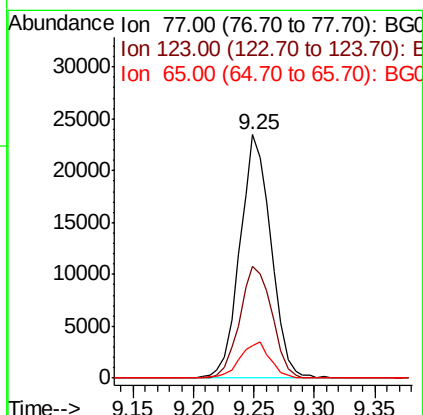
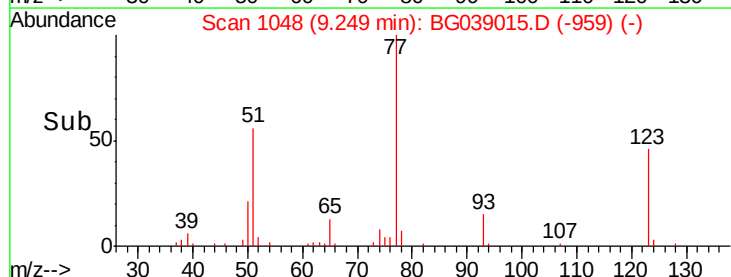
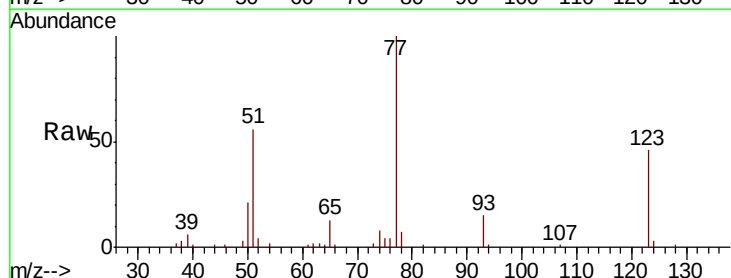
Instrument :
 BNA_G
 ClientSampled :

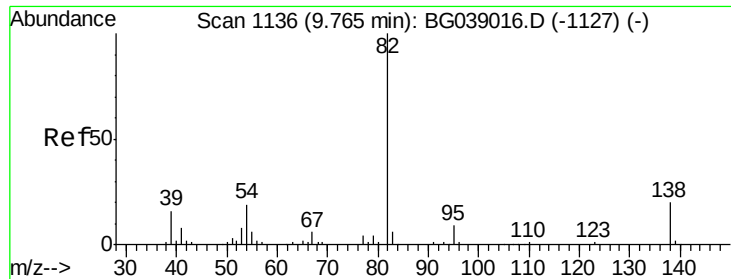
Tot Ion: 82 Resp: 81918
 Ion Ratio Lower Upper
 82 100
 128 48.5 37.3 55.9
 54 59.0 46.4 69.6



#24
 Nitrobenzene
 Concen: 23.842 ng
 RT: 9.25 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion: 77 Resp: 42025
 Ion Ratio Lower Upper
 77 100
 123 45.9 37.6 56.4
 65 13.5 11.0 16.6

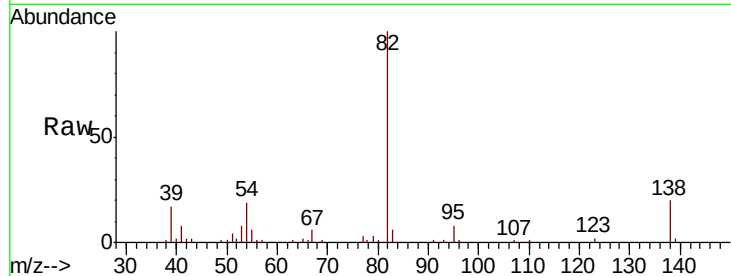




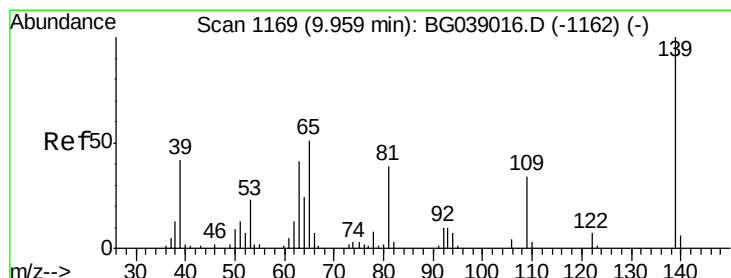
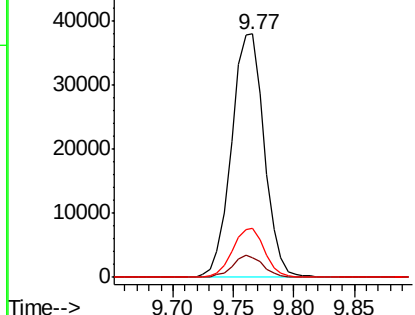
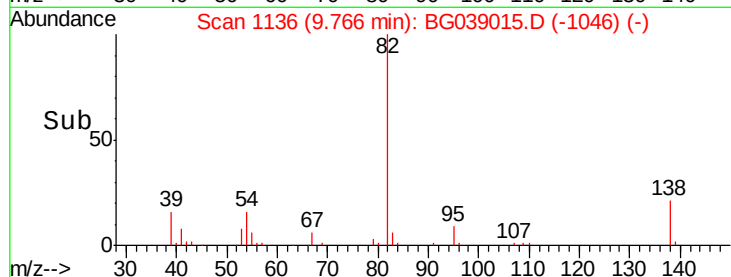
#25
Isophorone
Concen: 22.925 ng
RT: 9.77 min Scan# 1136
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 71769
Ion Ratio Lower Upper
82 100
95 8.3 7.0 10.6
138 20.1 16.2 24.4

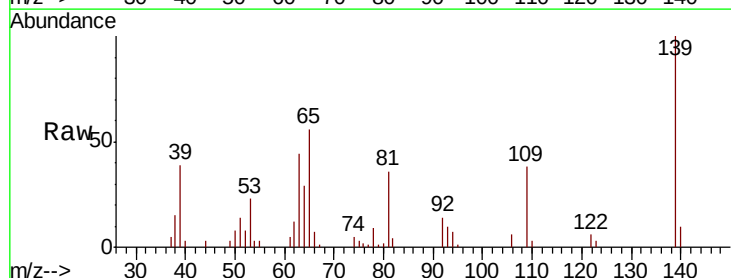


Abundance Ion 82.00 (81.70 to 82.70): BG039015.D (-1046) (-)
Ion 95.00 (94.70 to 95.70): BG039015.D (-1046) (-)
Ion 138.00 (137.70 to 138.70): BG039015.D (-1046) (-)

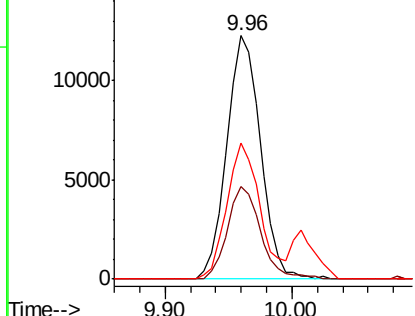
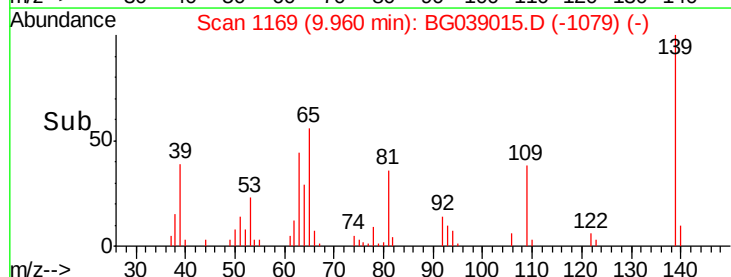


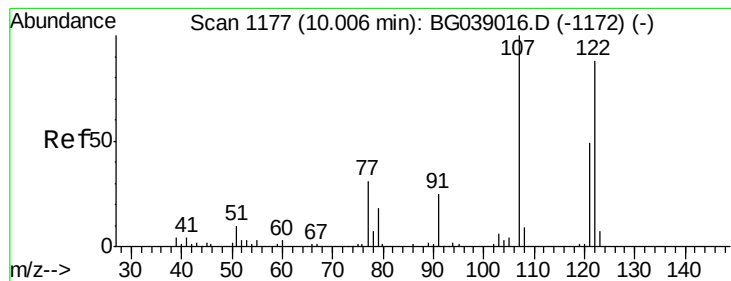
#26
2-Nitrophenol
Concen: 25.016 ng
RT: 9.96 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion: 139 Resp: 22569
Ion Ratio Lower Upper
139 100
109 37.8 27.3 40.9
65 55.8 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): BG039015.D (-1079) (-)
Ion 109.00 (108.70 to 109.70): BG039015.D (-1079) (-)
Ion 65.00 (64.70 to 65.70): BG039015.D (-1079) (-)





#27

2,4-Dimethylphenol

Concen: 25.388 ng

RT: 10.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

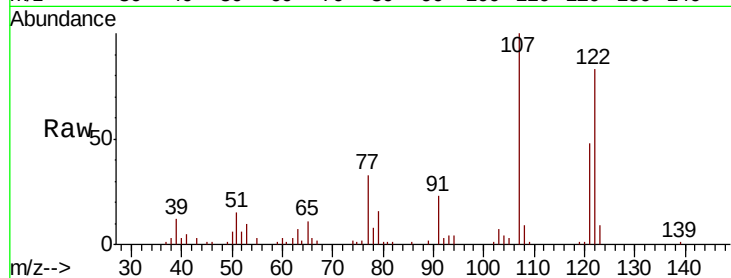
Tot Ion:122 Resp: 32825

Ion Ratio Lower Upper

122 100

107 119.8 88.8 133.2

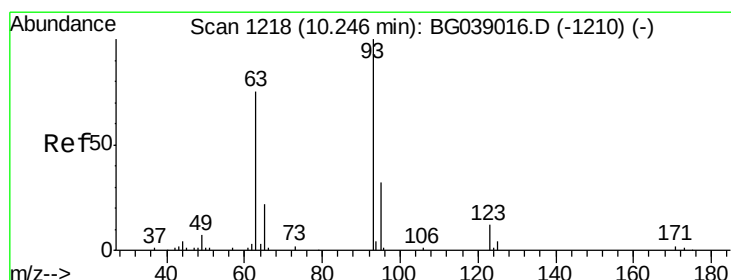
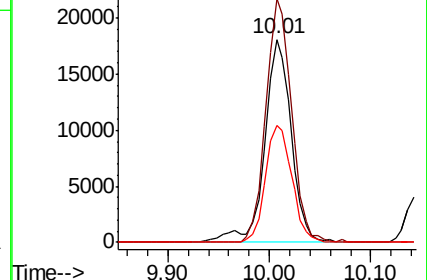
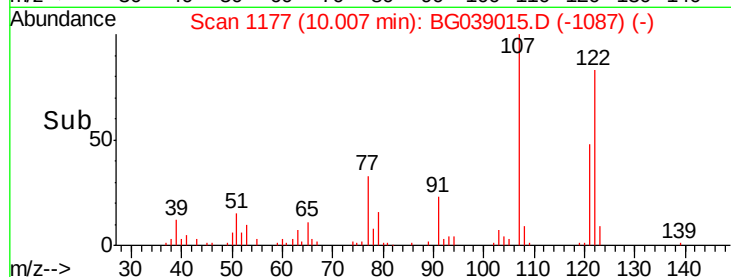
121 57.3 43.1 64.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 24.954 ng

RT: 10.25 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

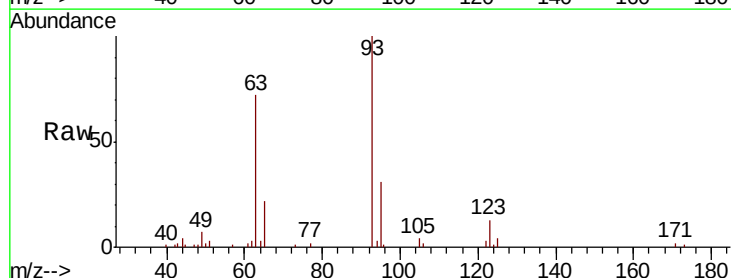
Tgt Ion: 93 Resp: 44086

Ion Ratio Lower Upper

93 100

95 31.5 25.6 38.4

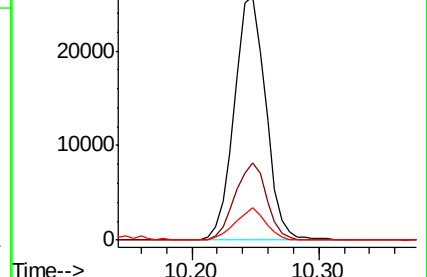
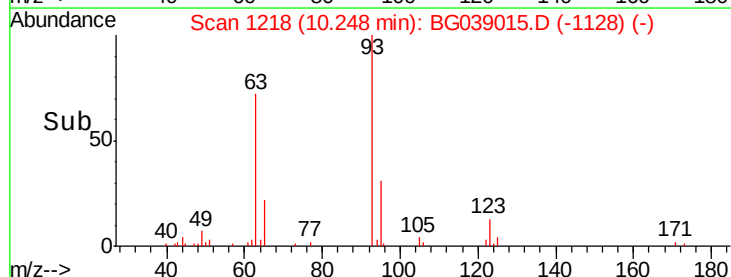
123 13.3 10.1 15.1

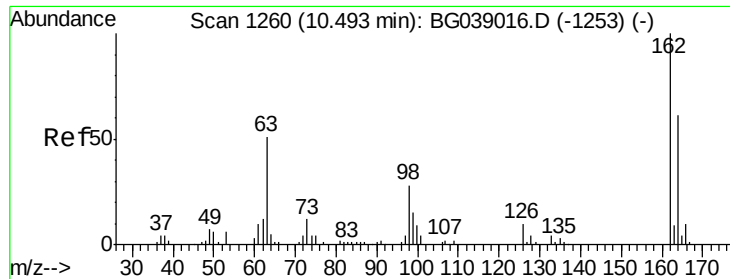


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

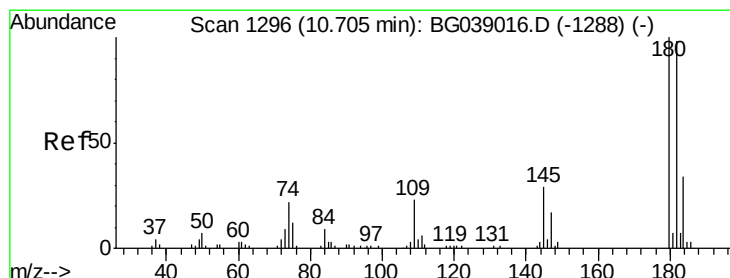
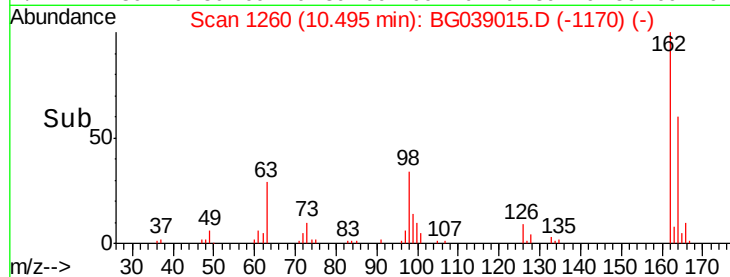
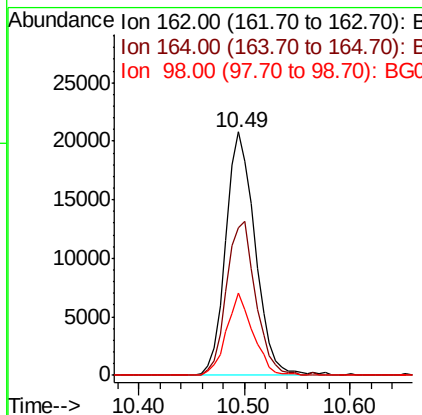
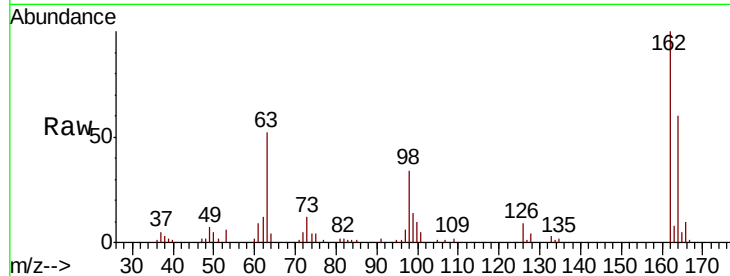




#29
 2,4-Dichlorophenol
 Concen: 27.806 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

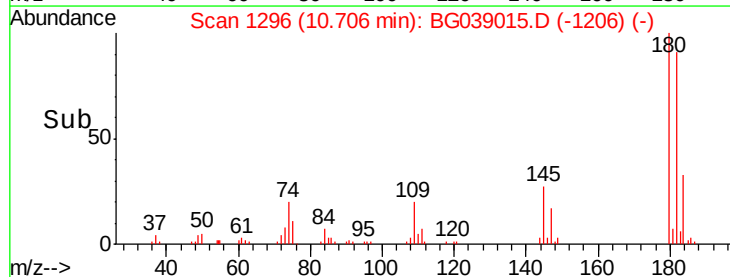
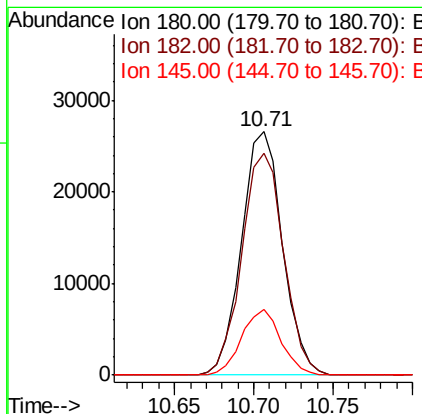
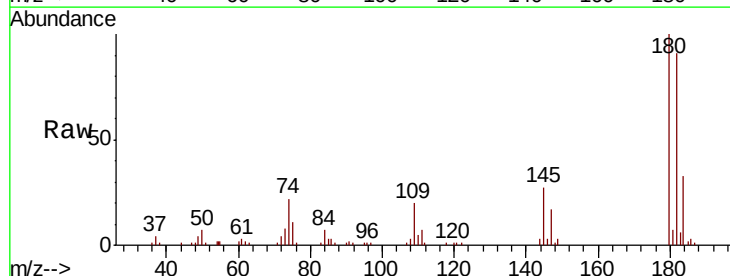
Instrument :
 BNA_G
 ClientSampled :

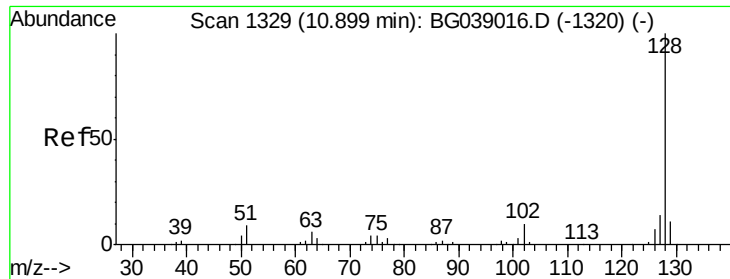
Tot Ion:162 Resp: 39996
 Ion Ratio Lower Upper
 162 100
 164 60.5 41.3 81.3
 98 33.6 8.3 48.3



#30
 1,2,4-Trichlorobenzene
 Concen: 27.392 ng
 RT: 10.71 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:180 Resp: 47592
 Ion Ratio Lower Upper
 180 100
 182 91.0 78.1 117.1
 145 26.9 23.1 34.7

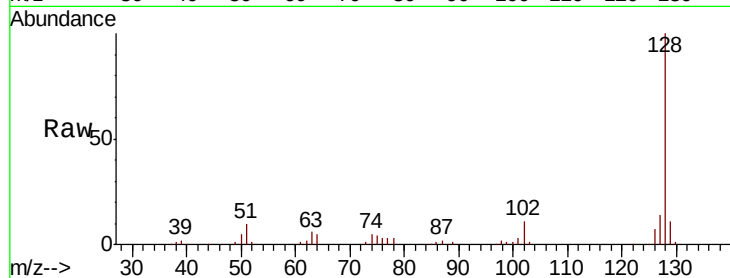




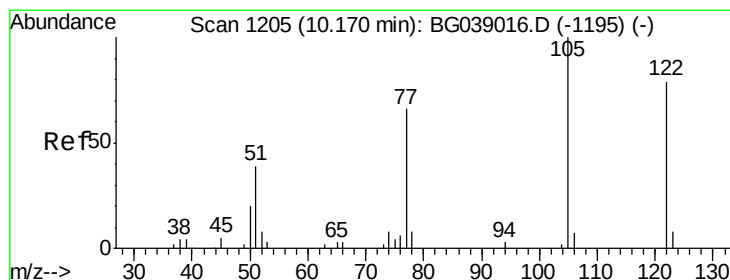
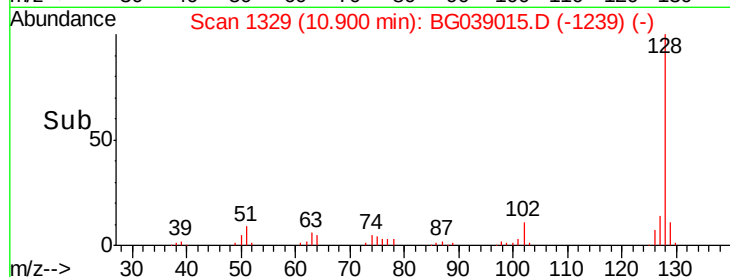
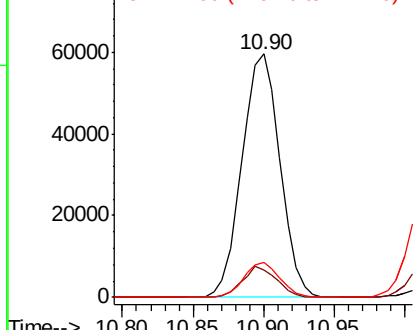
#31
Naphthalene
Concen: 25.608 ng
RT: 10.90 min Scan# 1329
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 112310
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 14.3 11.2 16.8

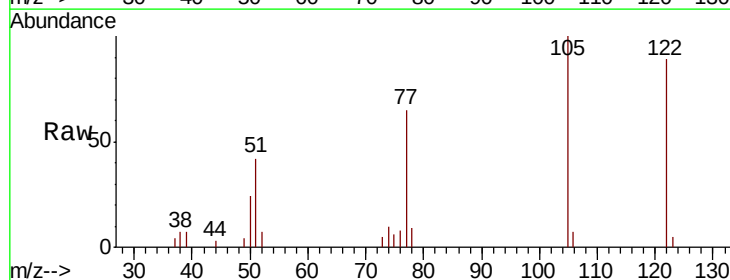


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

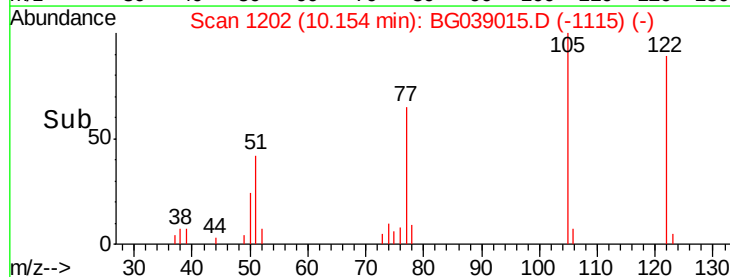
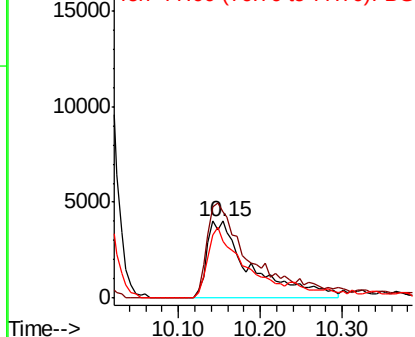


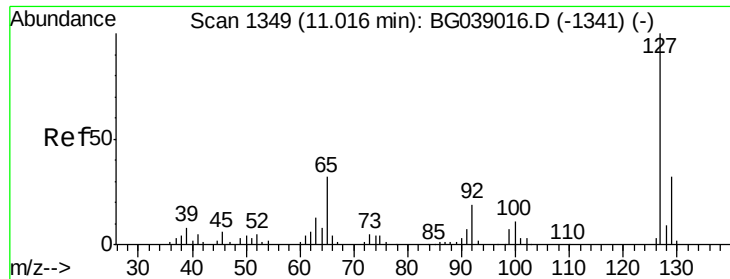
#32
Benzoic acid
Concen: 21.976 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:122 Resp: 15086
Ion Ratio Lower Upper
122 100
105 112.8 106.4 146.4
77 73.2 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

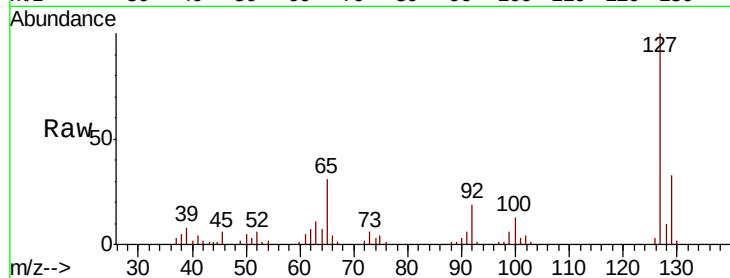




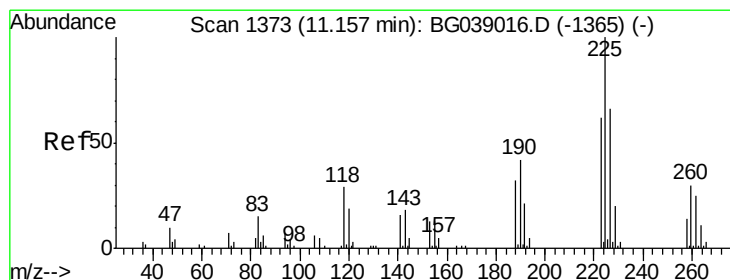
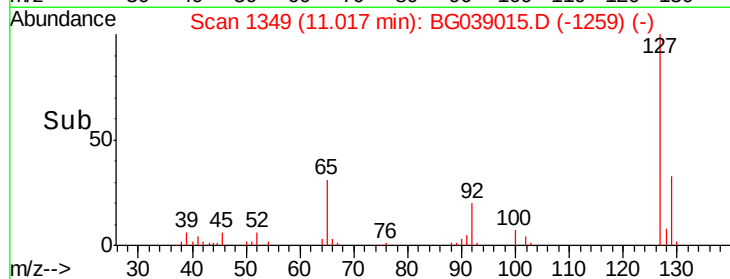
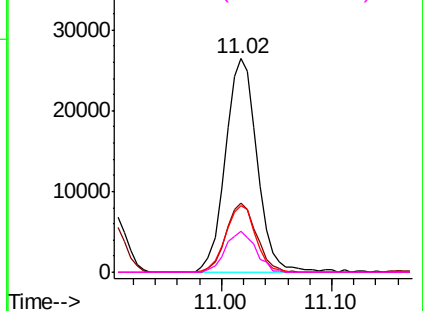
#33
4-Chloroaniline
Concen: 27.921 ng
RT: 11.02 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:127	Resp:	53165
Ion	Ratio	Lower Upper
127	100	
129	32.6	25.4 38.0
65	31.2	25.4 38.0
92	19.5	15.2 22.8

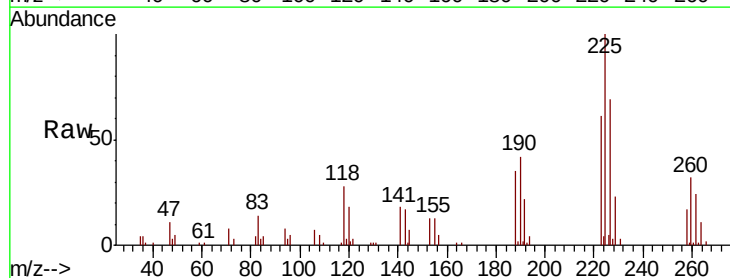


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

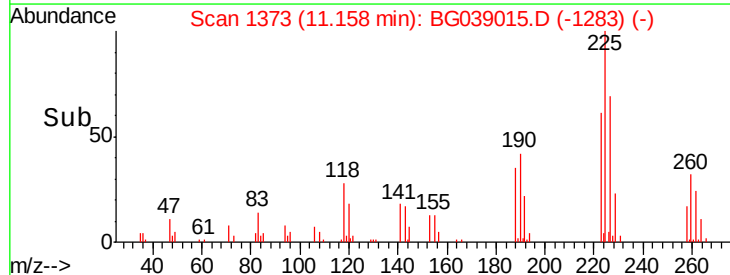
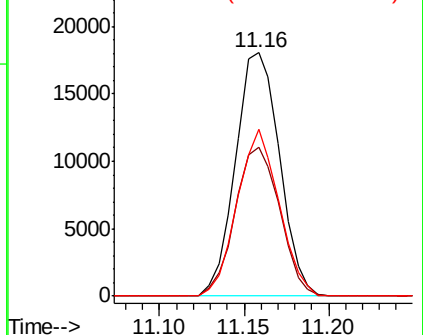


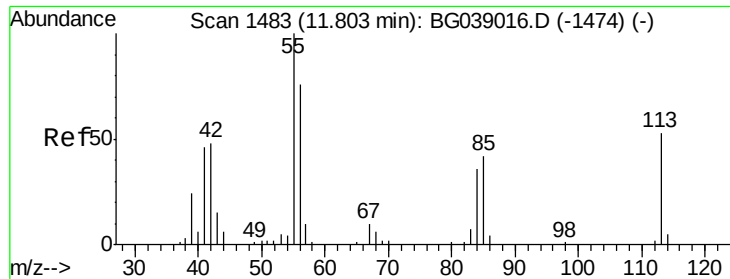
#34
Hexachlorobutadiene
Concen: 27.856 ng
RT: 11.16 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:225	Resp:	32748
Ion	Ratio	Lower Upper
225	100	
223	61.3	50.2 75.4
227	71.3	53.2 79.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

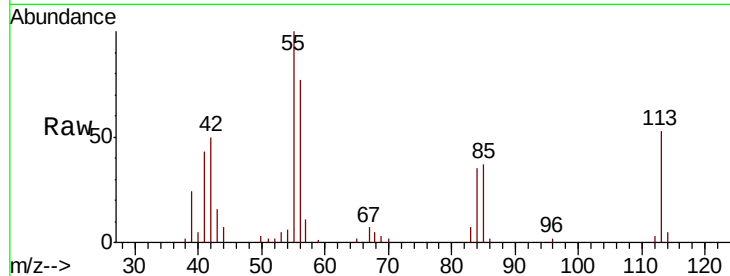




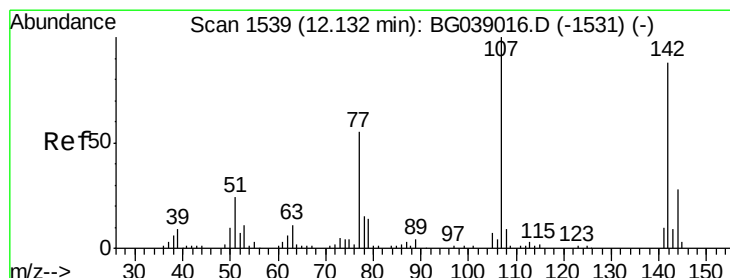
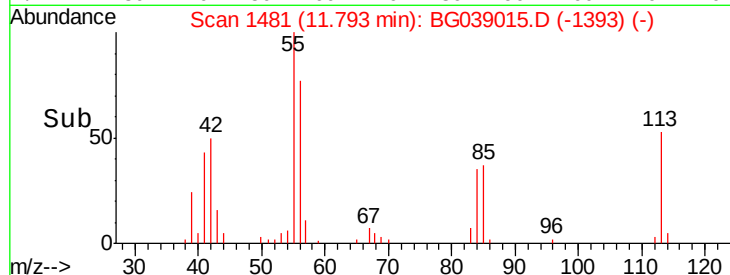
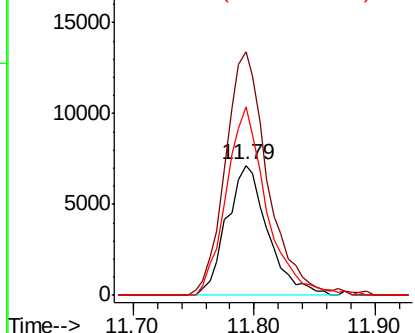
#35
 Caprolactam
 Concen: 28.374 ng
 RT: 11.79 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:113 Resp: 16890
 Ion Ratio Lower Upper
 113 100
 55 187.6 168.6 208.6
 56 145.2 123.2 163.2

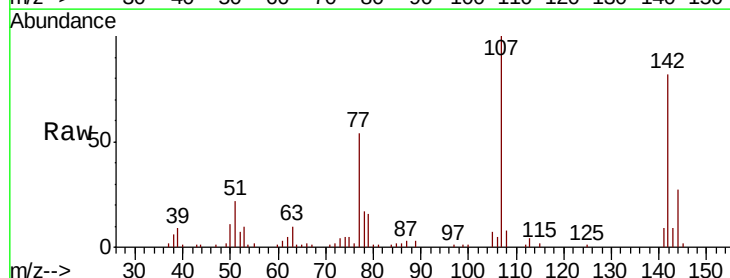


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BG
 Ion 56.00 (55.70 to 56.70): BG

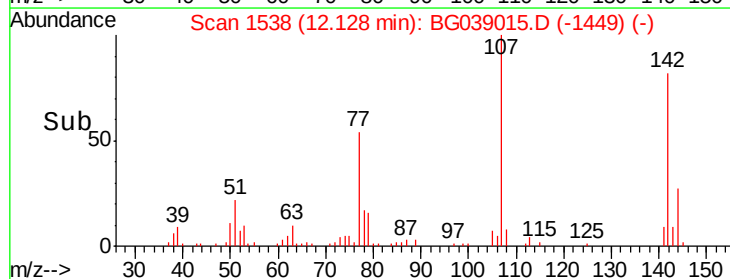
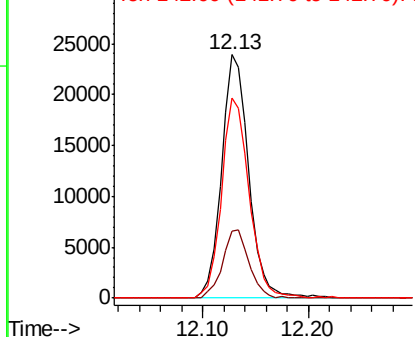


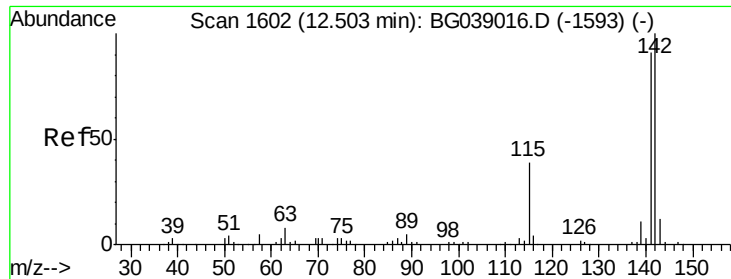
#36
 4-Chloro-3-methylphenol
 Concen: 25.897 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:107 Resp: 42508
 Ion Ratio Lower Upper
 107 100
 144 27.3 22.6 34.0
 142 82.1 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

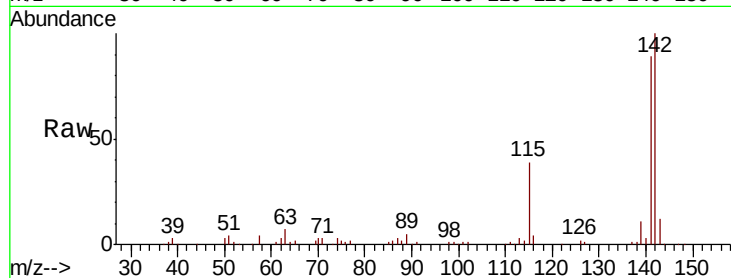




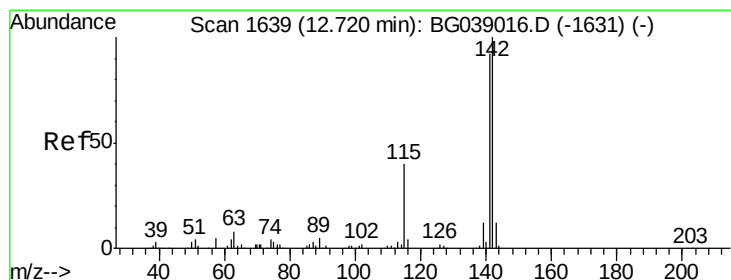
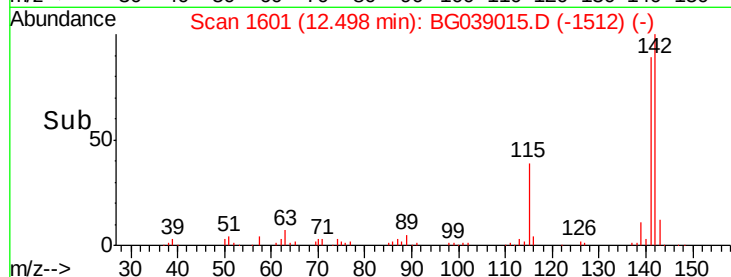
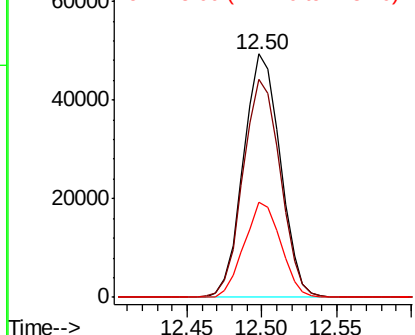
#37
2-Methylnaphthalene
Concen: 26.983 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:142 Resp: 84426
Ion Ratio Lower Upper
142 100
141 89.4 72.6 109.0
115 38.8 31.1 46.7

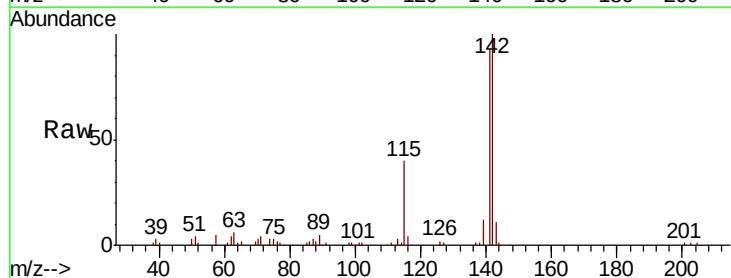


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

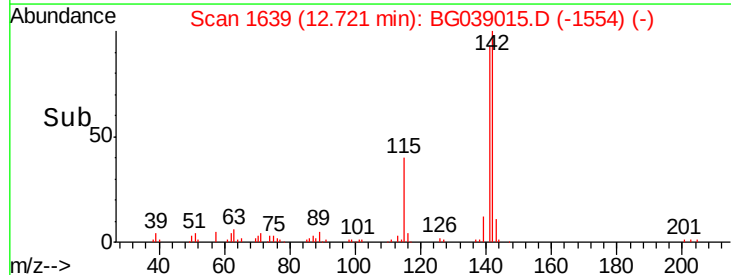
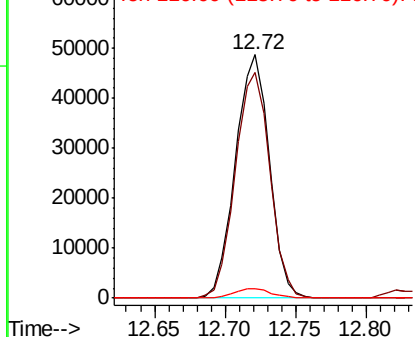


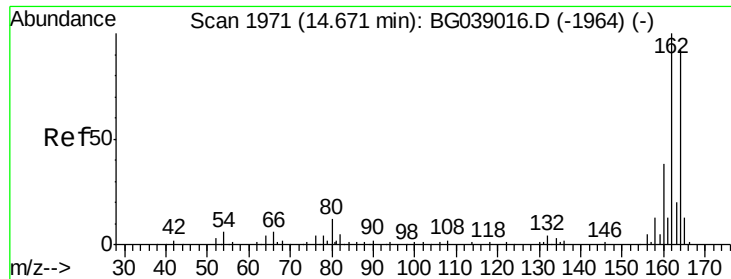
#38
1-Methylnaphthalene
Concen: 27.038 ng
RT: 12.72 min Scan# 1639
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:142 Resp: 82092
Ion Ratio Lower Upper
142 100
141 92.8 73.3 109.9
116 4.1 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: 14.67 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

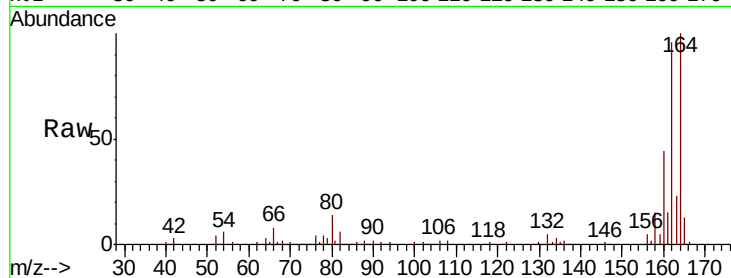
Tot Ion:164 Resp: 66662

Ion Ratio Lower Upper

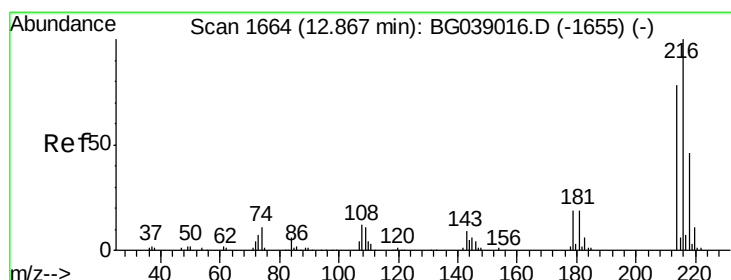
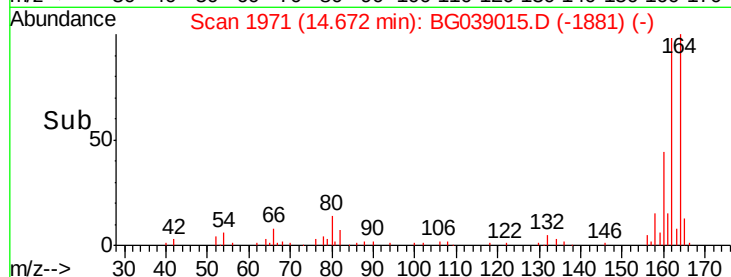
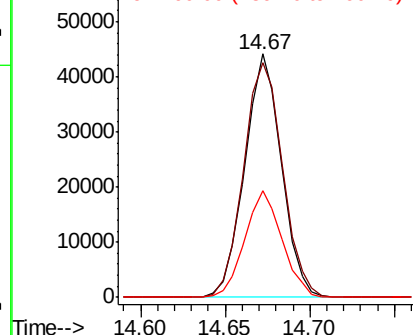
164 100

162 96.4 87.2 130.8

160 43.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 24.979 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Tgt Ion:216 Resp: 62243

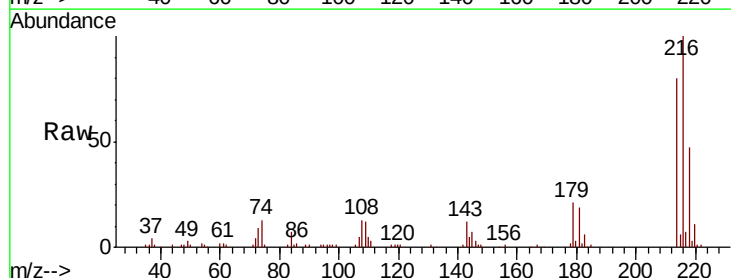
Ion Ratio Lower Upper

216 100

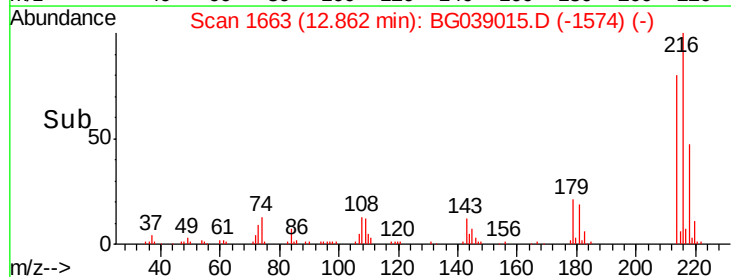
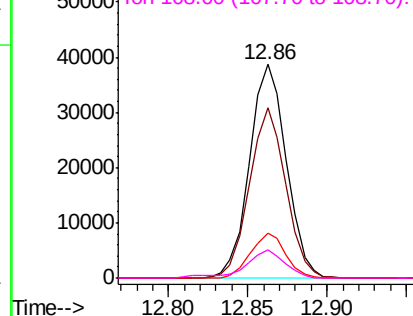
214 78.6 63.4 95.2

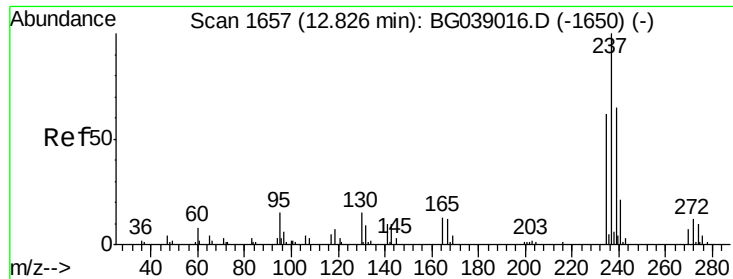
179 20.0 15.5 23.3

108 13.9 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: 20.892 ng

RT: 12.83 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

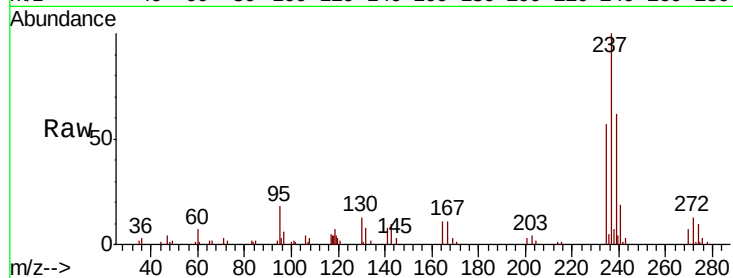
Tot Ion:237 Resp: 28601

Ion Ratio Lower Upper

237 100

235 57.4 41.7 81.7

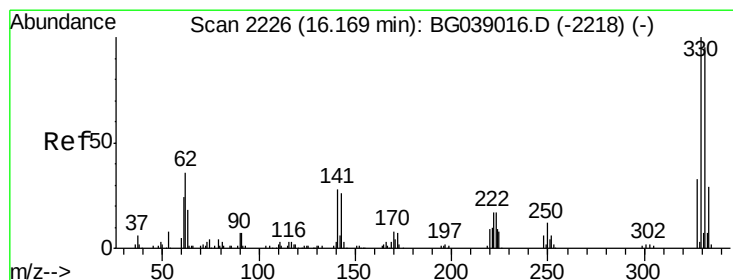
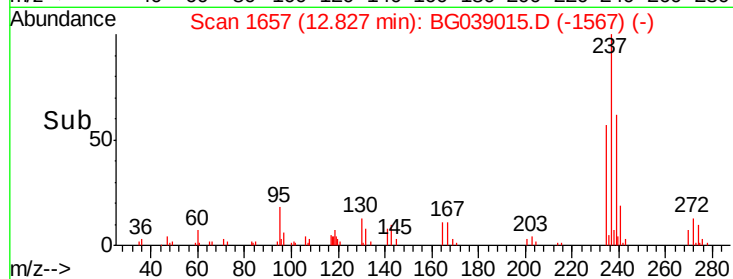
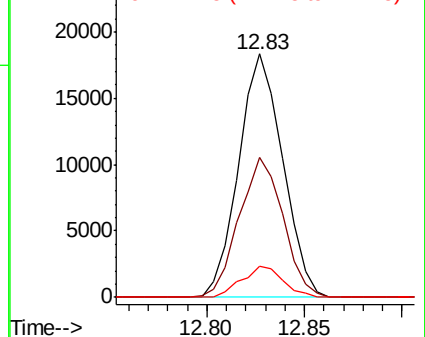
272 12.5 0.0 32.1



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: 60.779 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

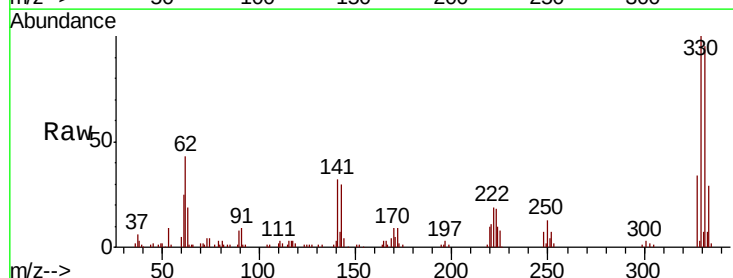
Tgt Ion:330 Resp: 55839

Ion Ratio Lower Upper

330 100

332 96.8 75.7 113.5

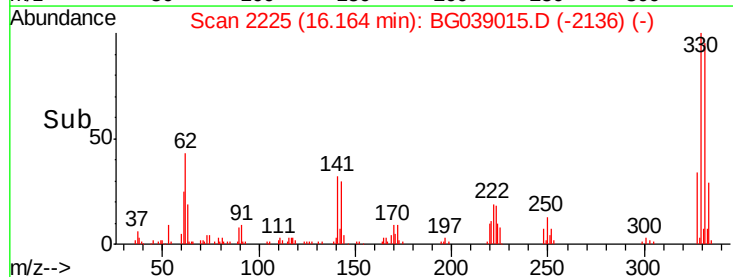
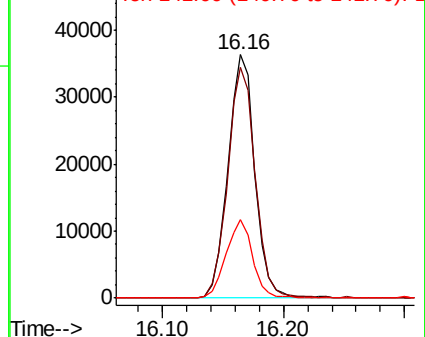
141 31.9 24.9 37.3

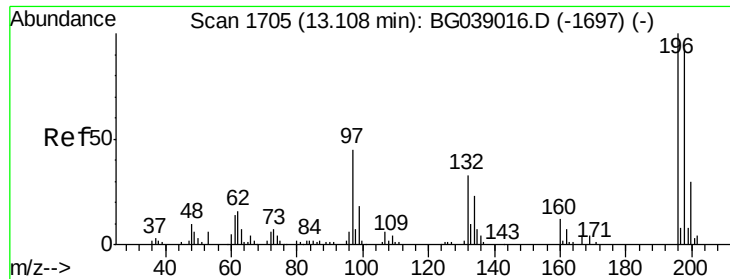


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

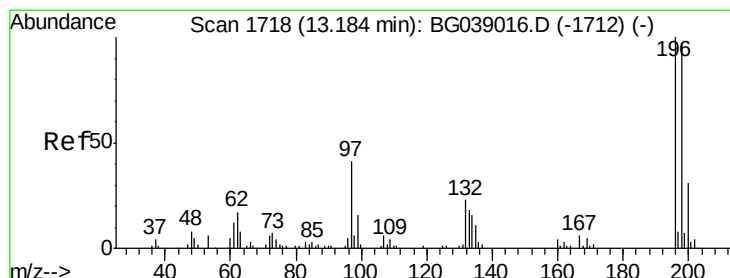
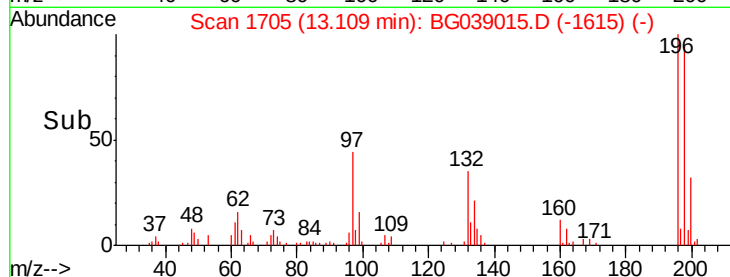
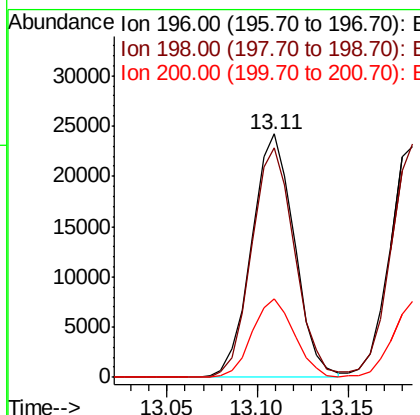
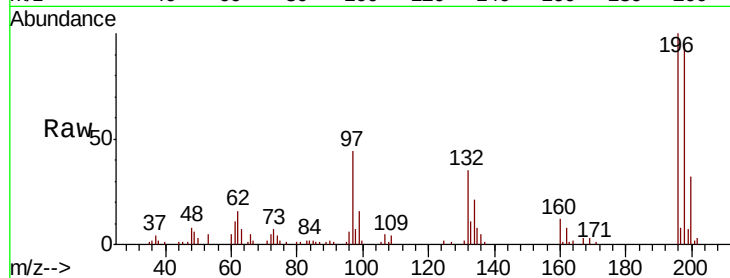




#43
 2,4,6-Trichlorophenol
 Concen: 25.834 ng
 RT: 13.11 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

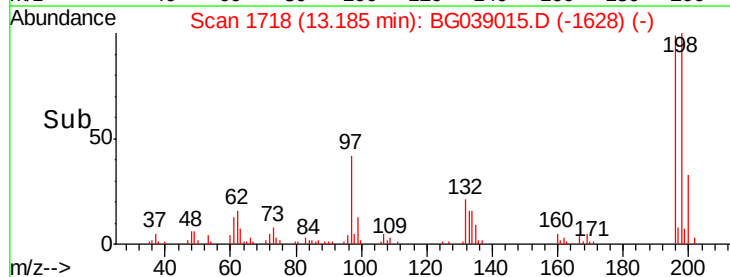
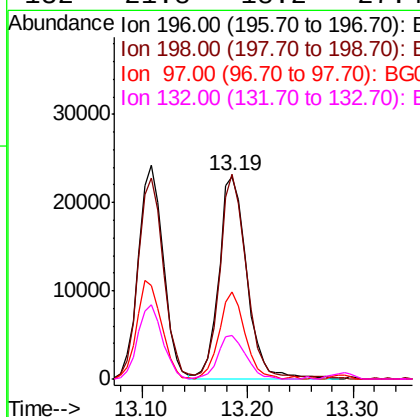
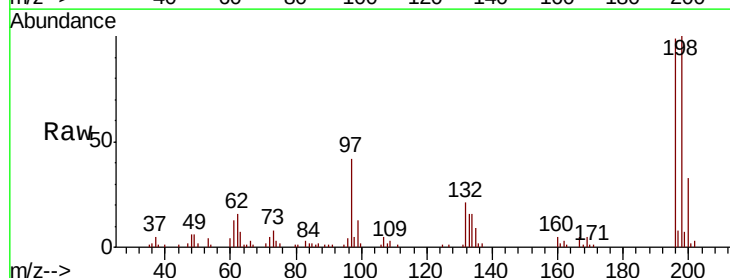
Instrument :
 BNA_G
 ClientSampleId :

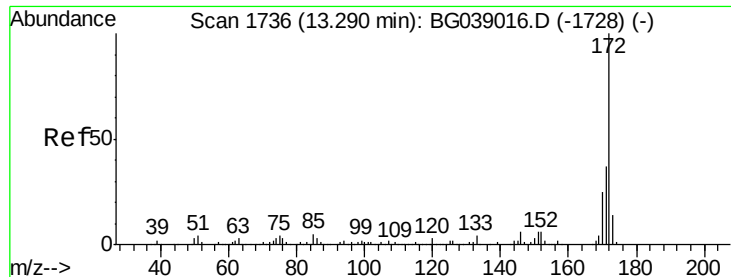
Tot Ion:196 Resp: 39581
 Ion Ratio Lower Upper
 196 100
 198 94.4 74.5 111.7
 200 32.3 23.8 35.6



#44
 2,4,5-Trichlorophenol
 Concen: 26.147 ng
 RT: 13.19 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:196 Resp: 42415
 Ion Ratio Lower Upper
 196 100
 198 101.5 78.1 117.1
 97 43.0 33.2 49.8
 132 21.8 18.2 27.4

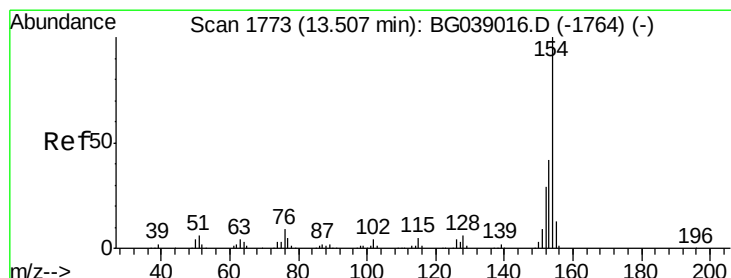
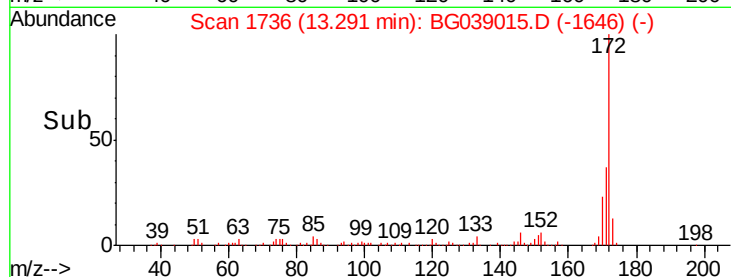
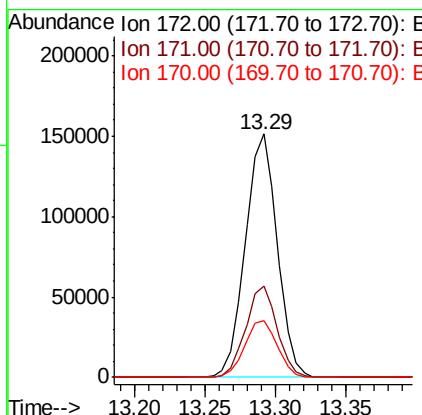
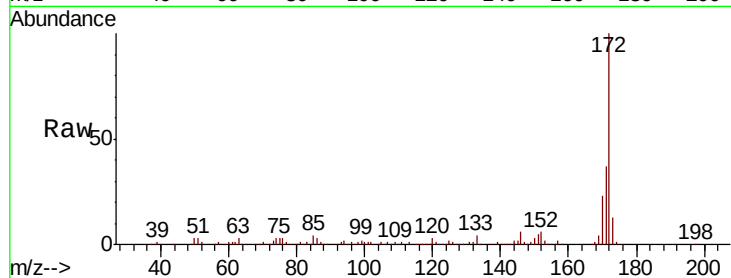




#45
2-Fluorobiphenyl
Concen: 49.391 ng
RT: 13.29 min Scan# 1736
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

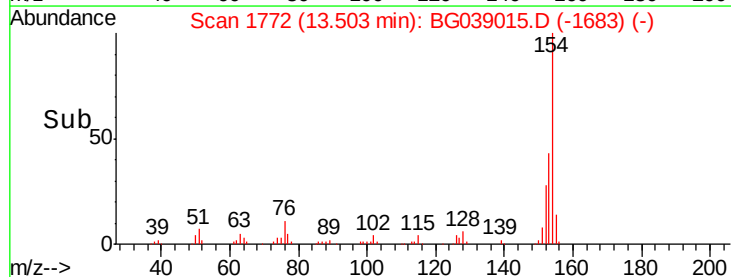
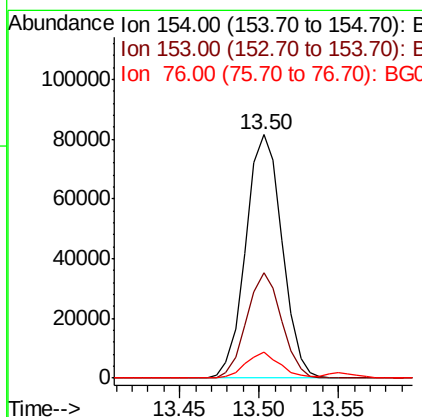
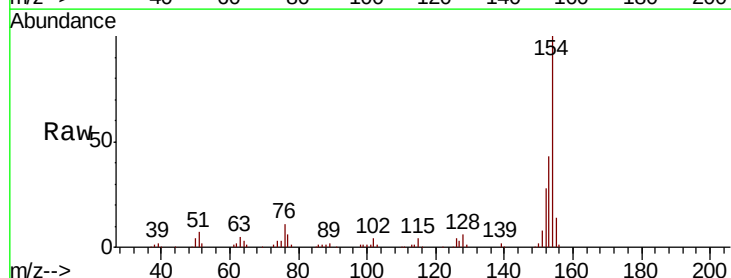
Instrument :
BNA_G
ClientSampleId :

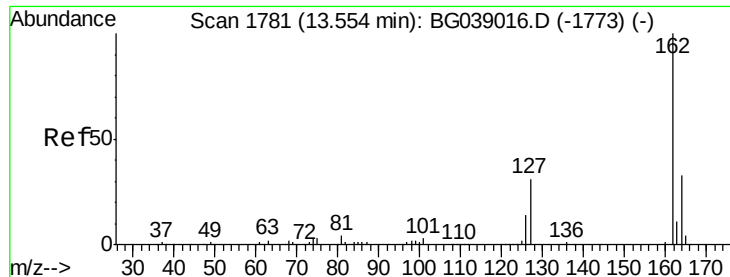
Tot Ion:172 Resp: 240003
Ion Ratio Lower Upper
172 100
171 37.3 29.4 44.0
170 23.3 20.1 30.1



#46
1,1'-Biphenyl
Concen: 23.234 ng
RT: 13.50 min Scan# 1772
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:154 Resp: 129842
Ion Ratio Lower Upper
154 100
153 43.3 22.4 62.4
76 10.6 0.0 29.4

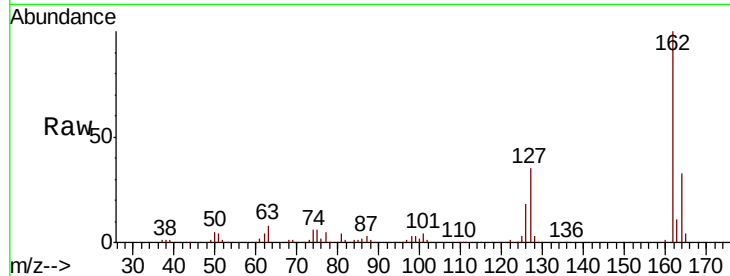




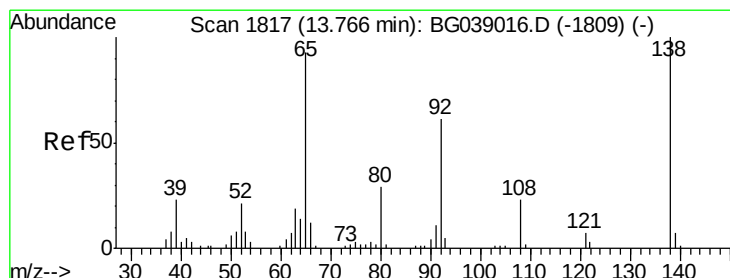
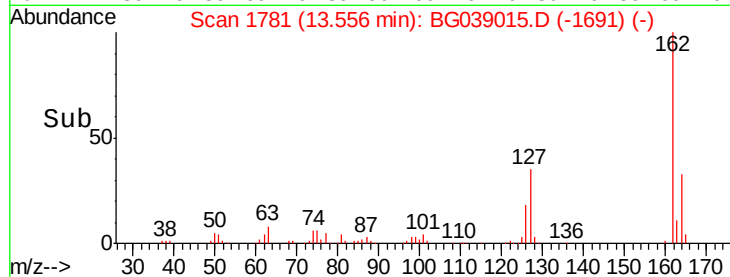
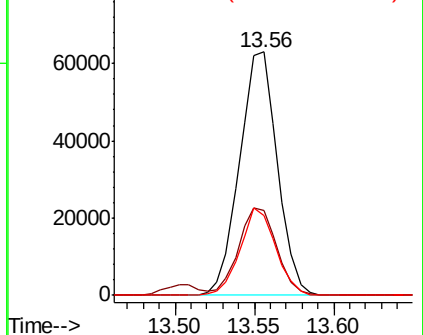
#47
 2-Chloronaphthalene
 Concen: 24.078 ng
 RT: 13.56 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:162 Resp: 103941
 Ion Ratio Lower Upper
 162 100
 127 34.7 28.4 42.6
 164 32.8 26.3 39.5

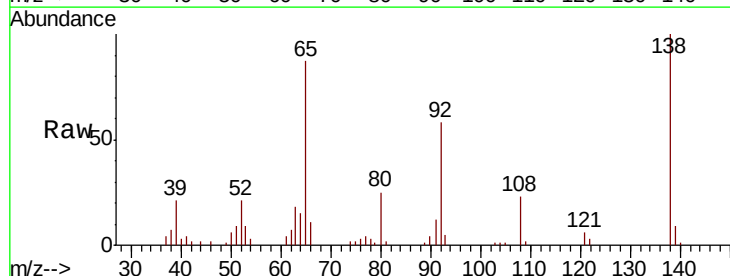


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

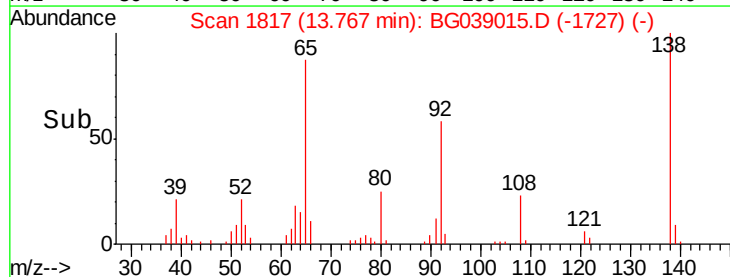
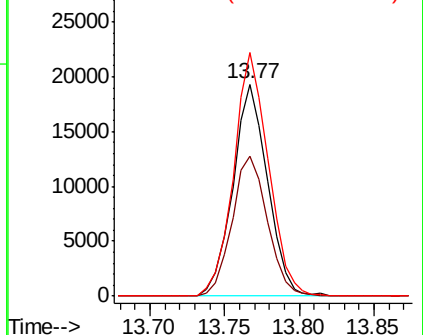


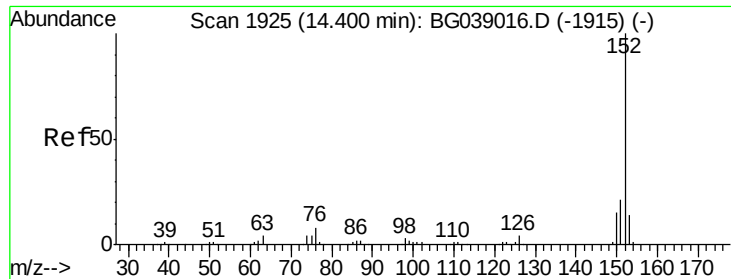
#48
 2-Nitroaniline
 Concen: 22.600 ng
 RT: 13.77 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion: 65 Resp: 31075
 Ion Ratio Lower Upper
 65 100
 92 66.3 52.2 78.4
 138 114.9 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: 25.036 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

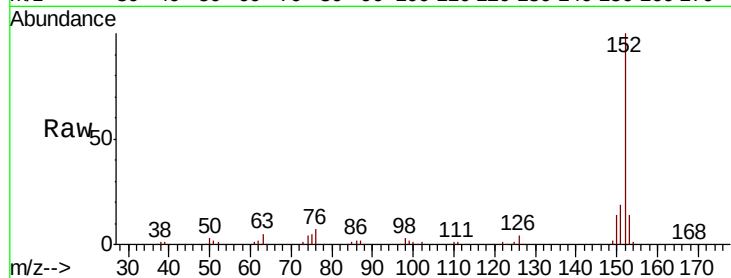
Tot Ion:152 Resp: 161565

Ion Ratio Lower Upper

152 100

151 19.5 17.0 25.4

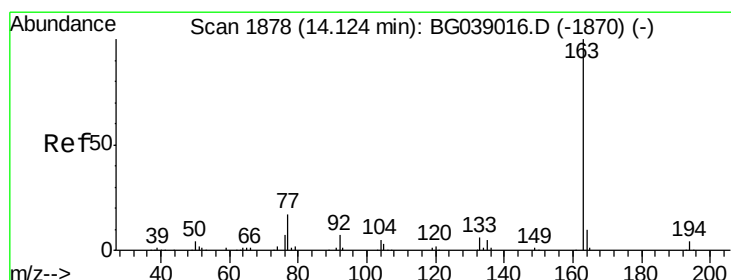
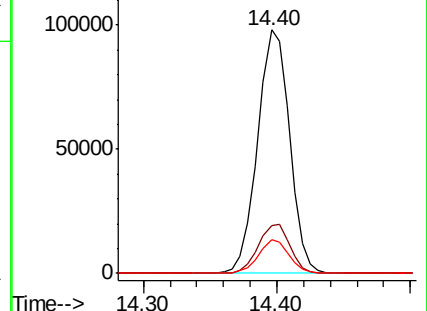
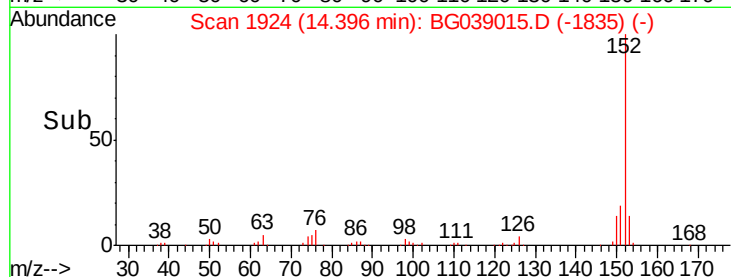
153 13.8 11.2 16.8



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: 26.261 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

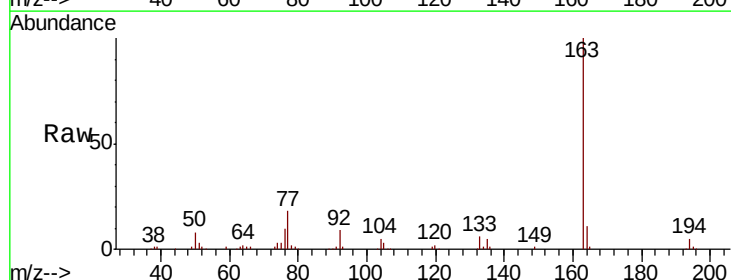
Tgt Ion:163 Resp: 142961

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

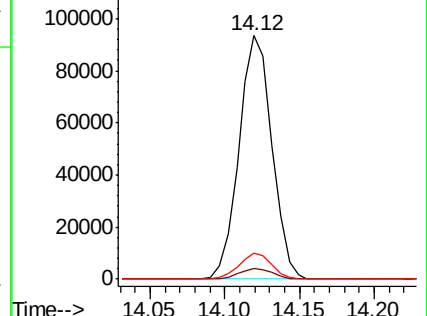
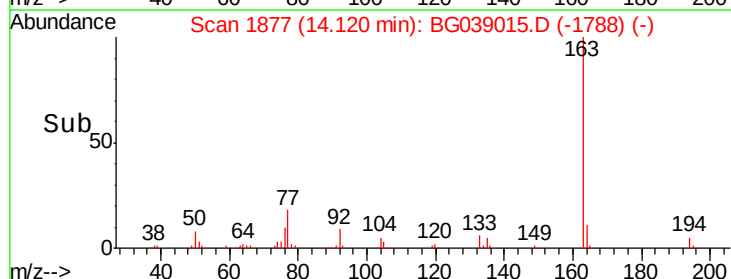
164 10.9 8.2 12.2

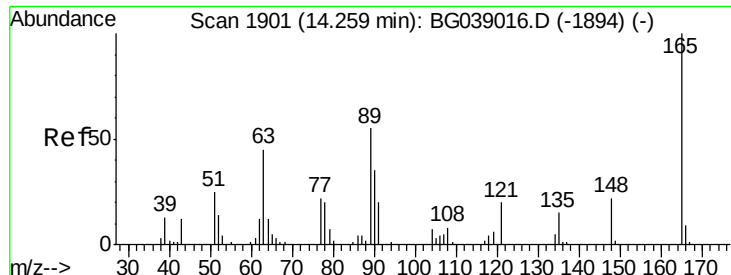


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

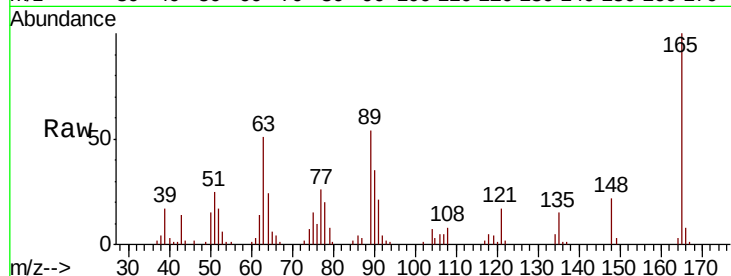




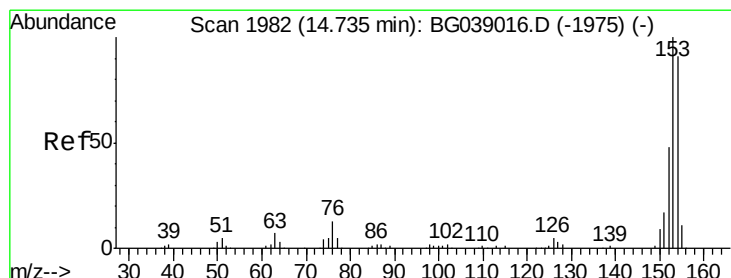
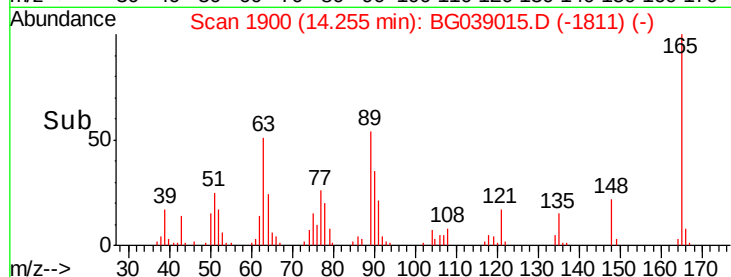
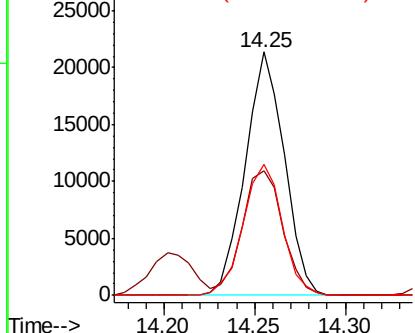
#51
 2,6-Dinitrotoluene
 Concen: 25.941 ng
 RT: 14.25 min Scan# 1900
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165 Resp: 32003
 Ion Ratio Lower Upper
 165 100
 63 51.4 43.6 65.4
 89 53.9 43.7 65.5

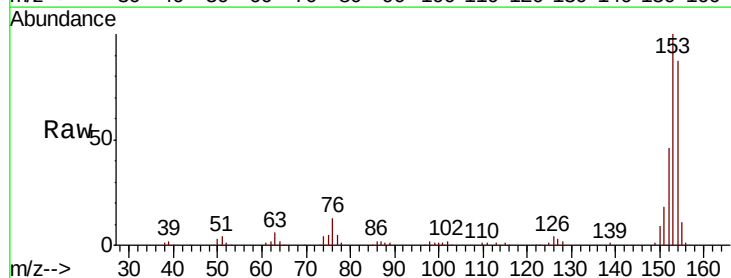


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

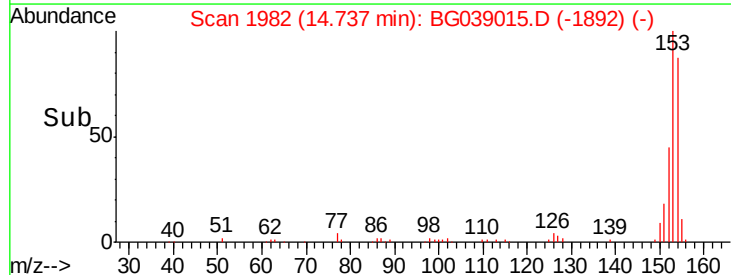
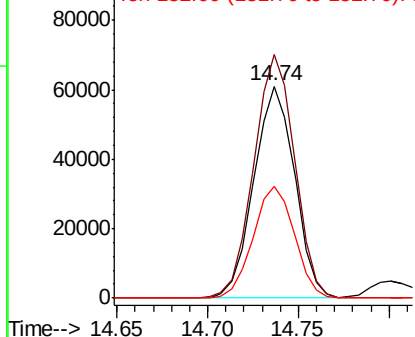


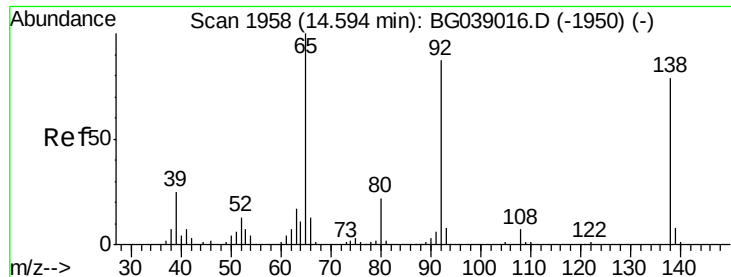
#52
 Acenaphthene
 Concen: 24.733 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:154 Resp: 95443
 Ion Ratio Lower Upper
 154 100
 153 115.0 87.9 131.9
 152 53.1 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: 25.886 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

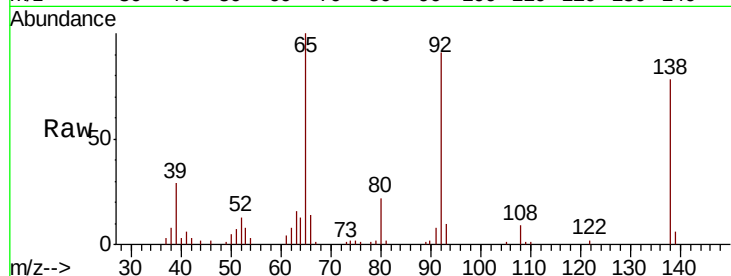
Tot Ion:138 Resp: 32554

Ion Ratio Lower Upper

138 100

108 11.0 7.4 11.0

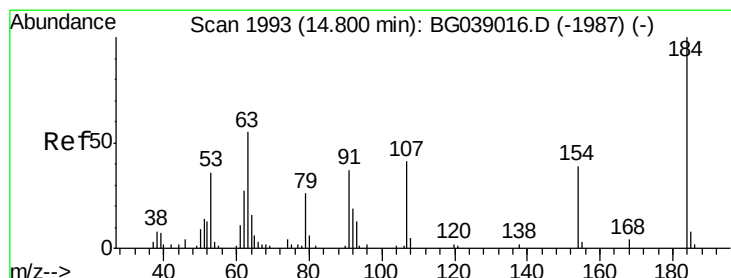
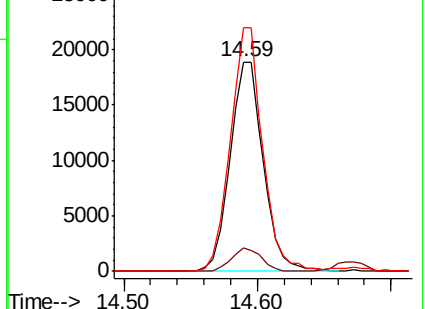
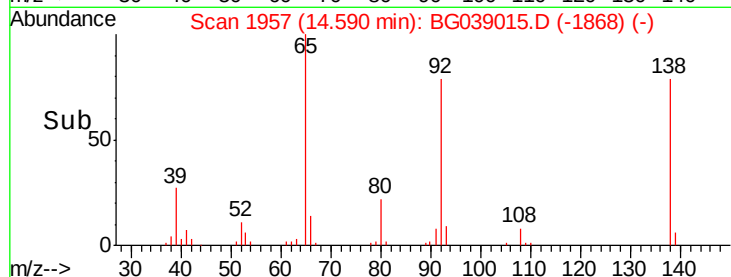
92 116.1 88.2 132.4



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: 23.583 ng

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

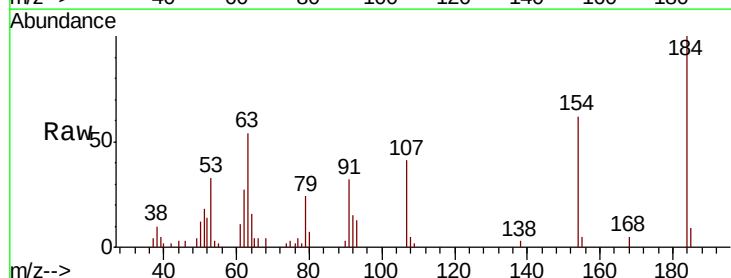
Tgt Ion:184 Resp: 15192

Ion Ratio Lower Upper

184 100

63 54.0 44.0 66.0

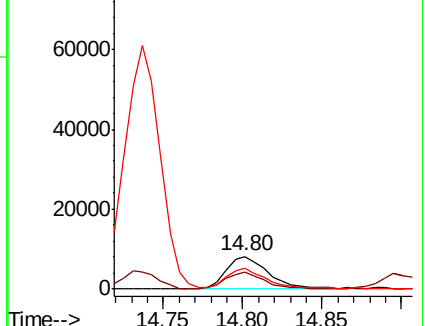
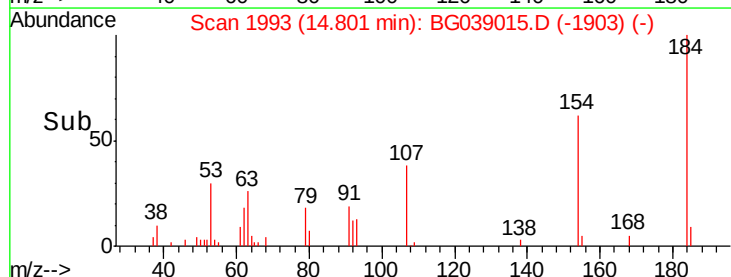
154 62.2 46.1 69.1

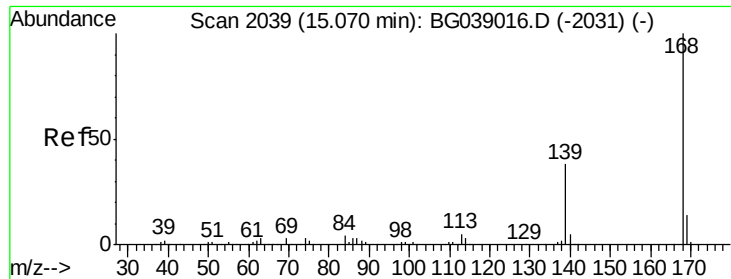


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

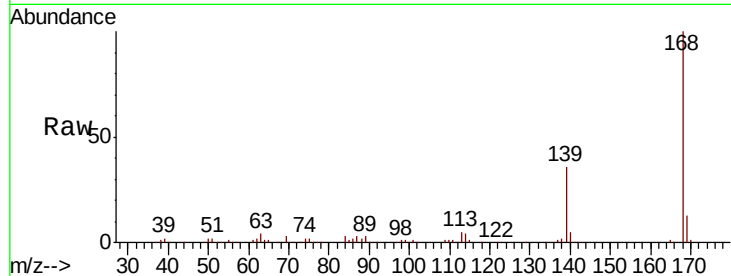




#55
Dibenzenofuran
Concen: 25.776 ng
RT: 15.07 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.6	30.1	45.1
169	12.6	10.9	16.3

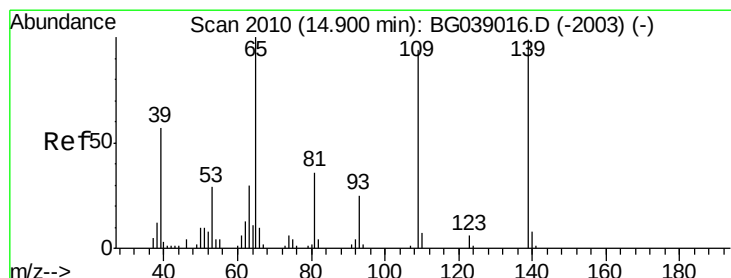
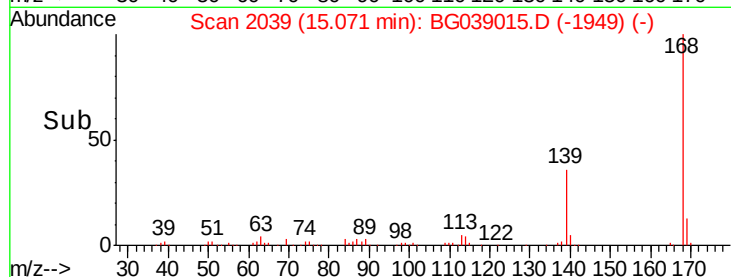
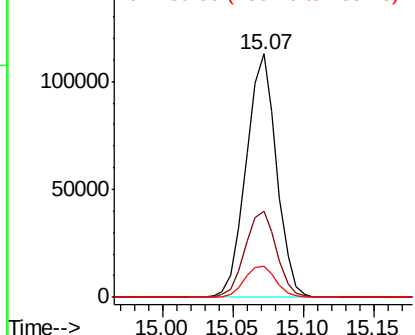


Abundance

Ion 168.00 (167.70 to 168.70): E

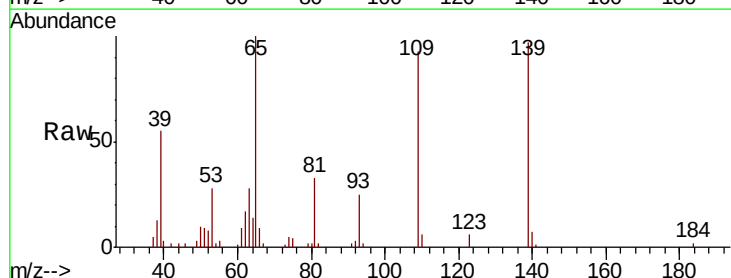
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 23.415 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	95.9	75.6	115.6
65	103.0	81.2	121.2

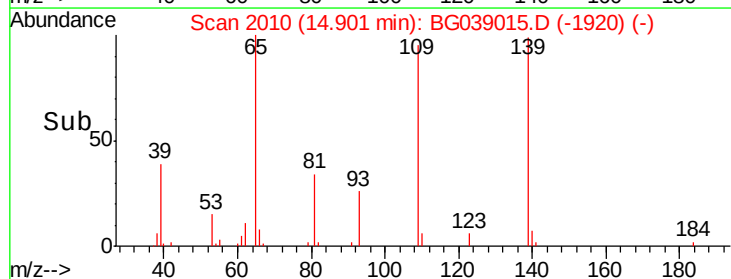
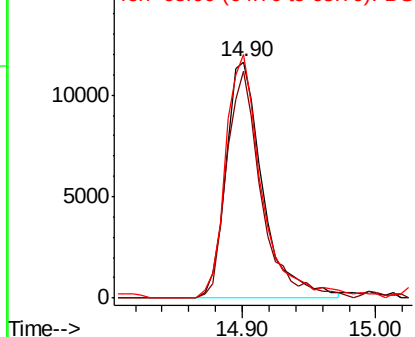


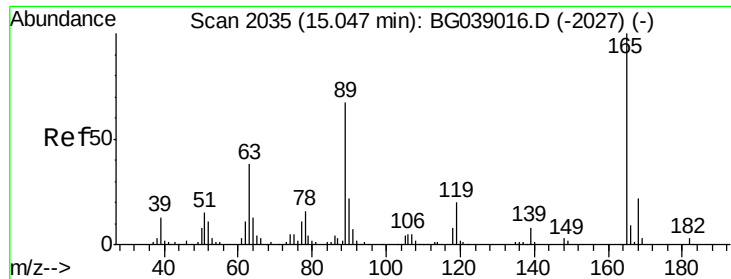
Abundance

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): E

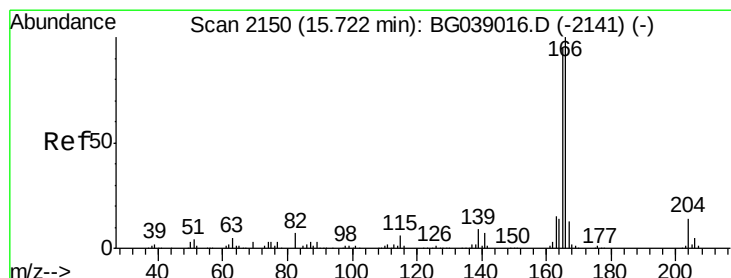
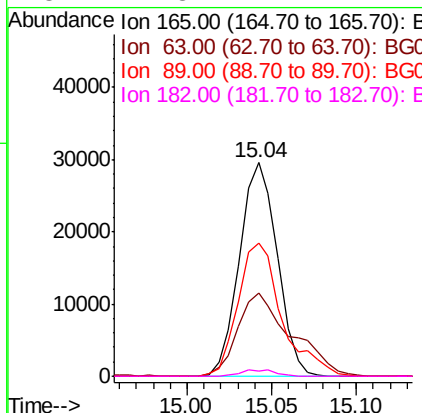
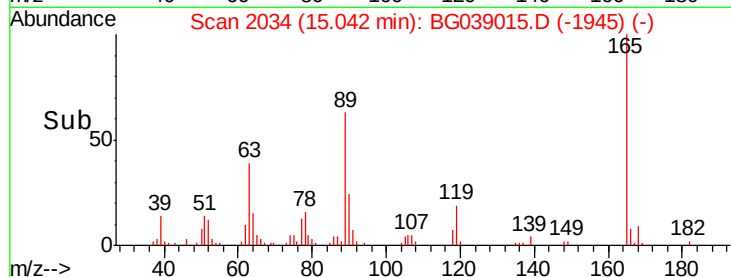
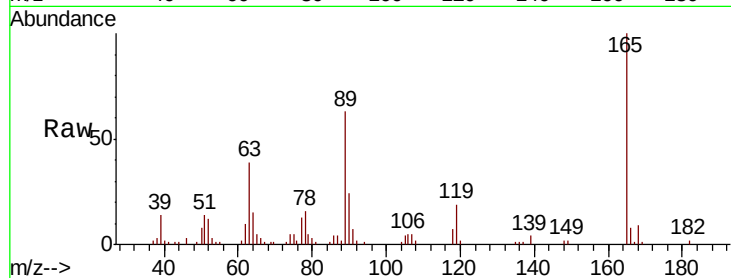




#57
 2,4-Dinitrotoluene
 Concen: 26.493 ng
 RT: 15.04 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

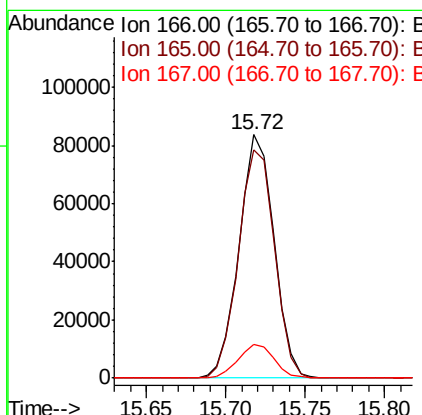
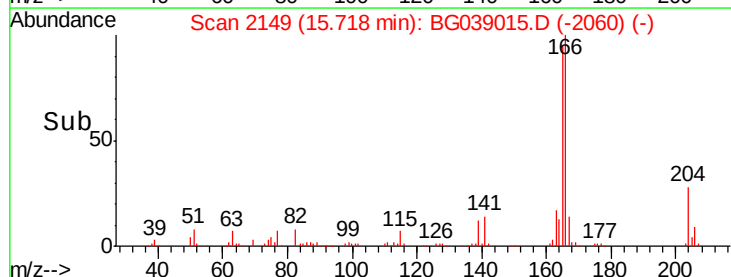
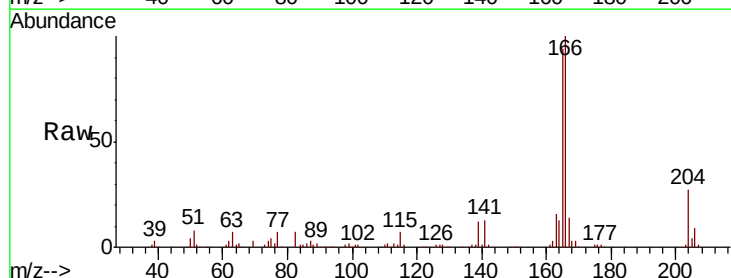
Instrument :
 BNA_G
 ClientSampleId :

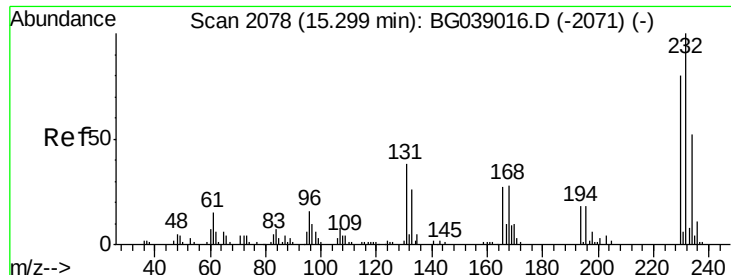
Tot Ion:165 Resp: 46034
 Ion Ratio Lower Upper
 165 100
 63 38.9 30.2 45.4
 89 62.5 53.2 79.8
 182 2.3 2.7 4.1#



#58
 Fluorene
 Concen: 26.176 ng
 RT: 15.72 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:166 Resp: 128283
 Ion Ratio Lower Upper
 166 100
 165 93.8 76.2 114.2
 167 14.1 10.6 16.0

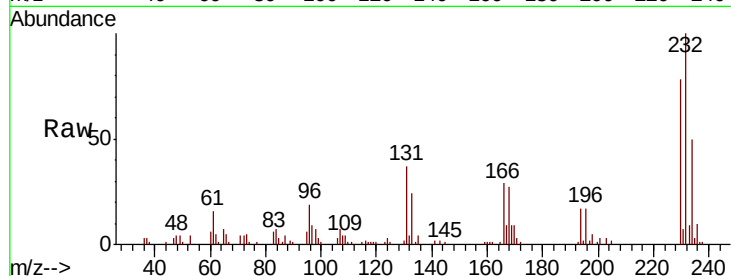




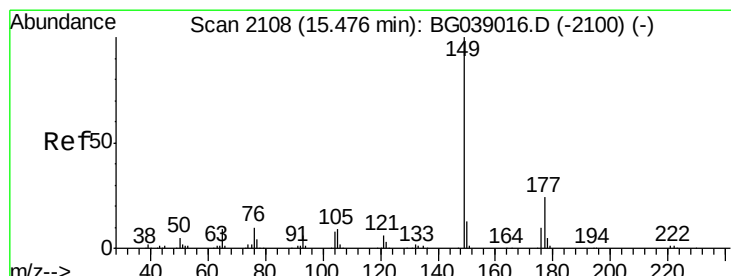
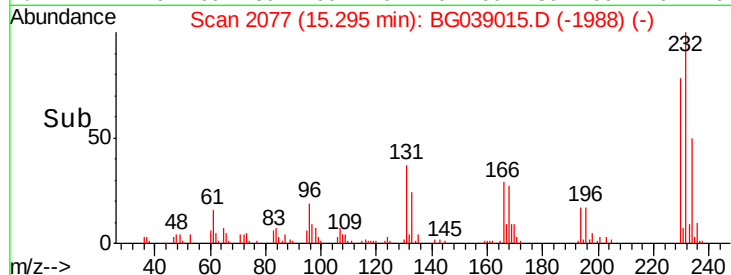
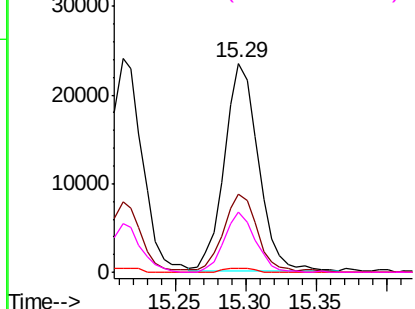
#59
2,3,4,6-Tetrachlorophenol
Concen: 26.918 ng
RT: 15.29 min Scan# 2077
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.2	30.9	46.3
130	1.7	1.9	2.9
166	26.5	22.1	33.1

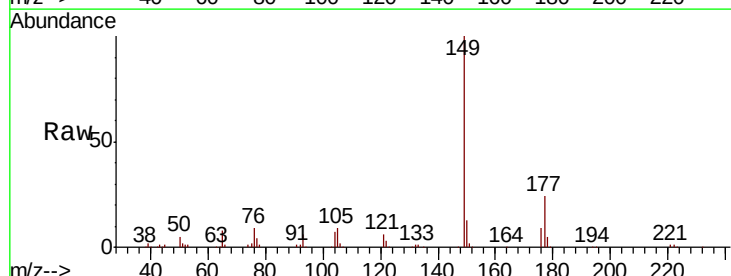


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

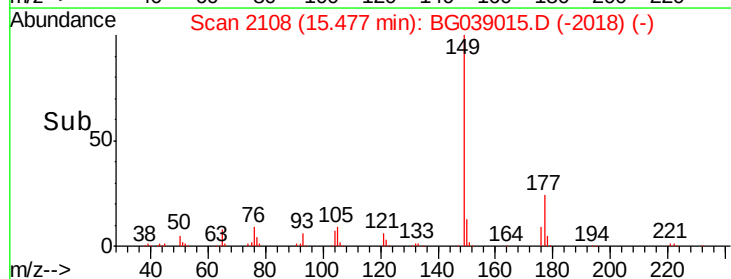
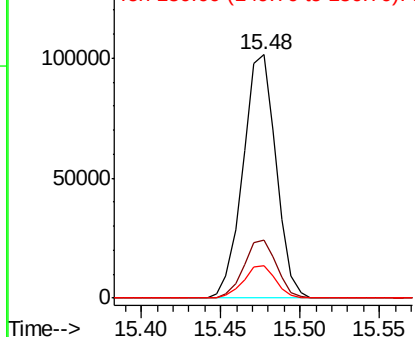


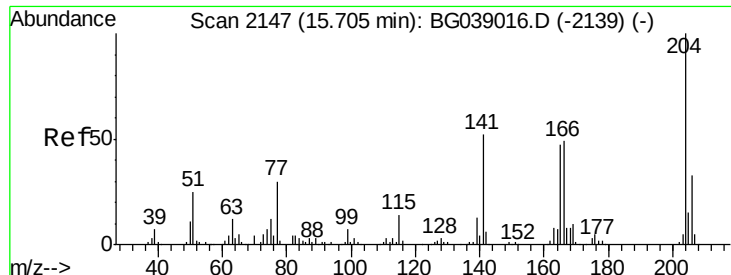
#60
Diethylphthalate
Concen: 24.514 ng
RT: 15.48 min Scan# 2108
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.6
150	13.4	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

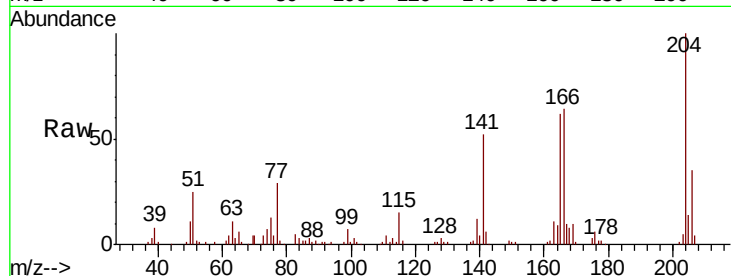




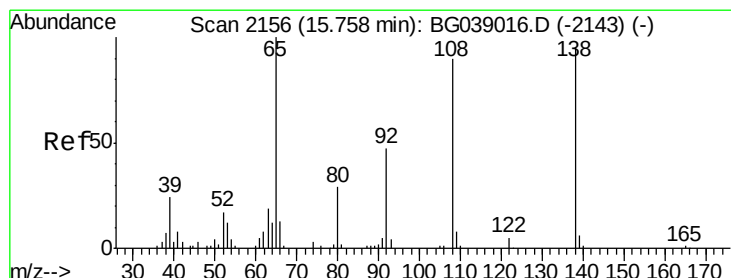
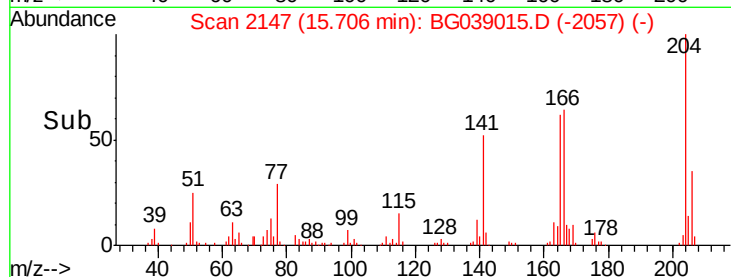
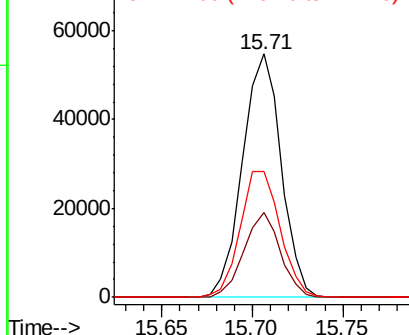
#61
4-Chlorophenyl-phenylether
Concen: 26.546 ng
RT: 15.71 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampled :

Tot Ion:204 Resp: 81171
Ion Ratio Lower Upper
204 100
206 34.6 26.6 39.8
141 51.9 41.4 62.0

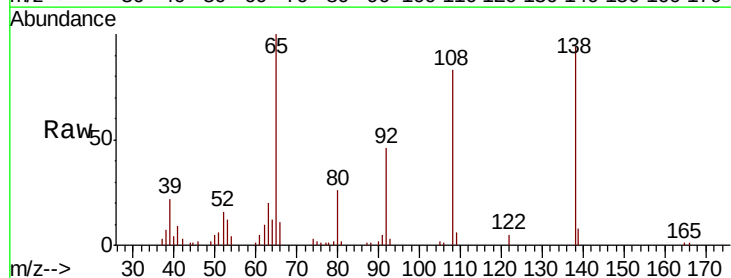


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

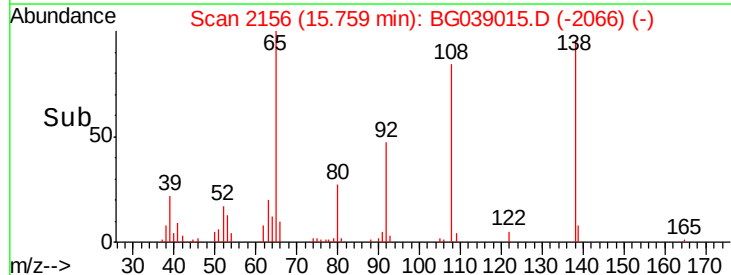
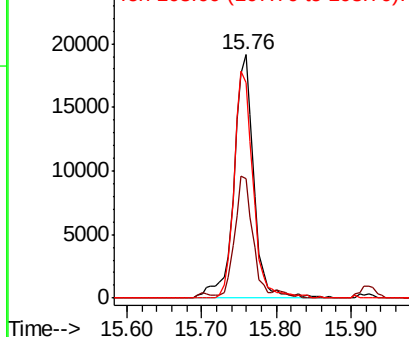


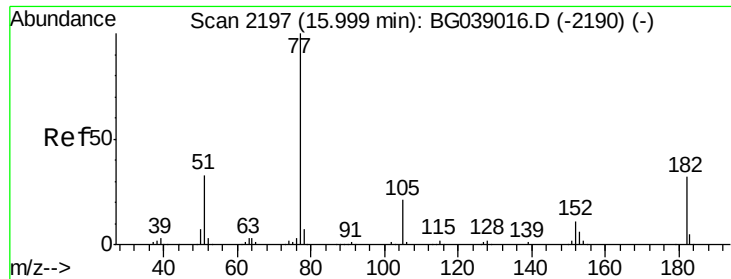
#62
4-Nitroaniline
Concen: 27.362 ng
RT: 15.76 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:138 Resp: 35425
Ion Ratio Lower Upper
138 100
92 49.0 29.7 69.7
108 88.5 75.7 115.7



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





#63

Azobenzene

Concen: 23.041 ng

RT: 16.00 min Scan# 2197

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

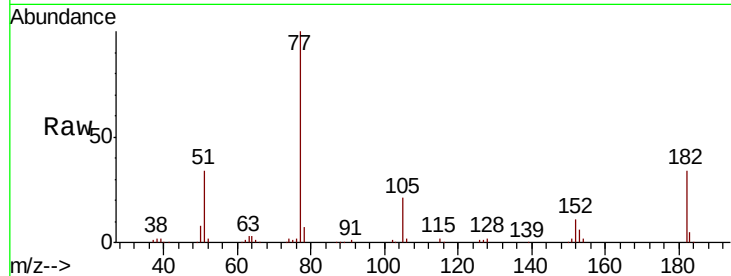
Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 115030

Ion	Ratio	Lower	Upper
77	100		
182	33.9	12.2	52.2
105	21.0	1.2	41.2
51	34.4	13.4	53.4

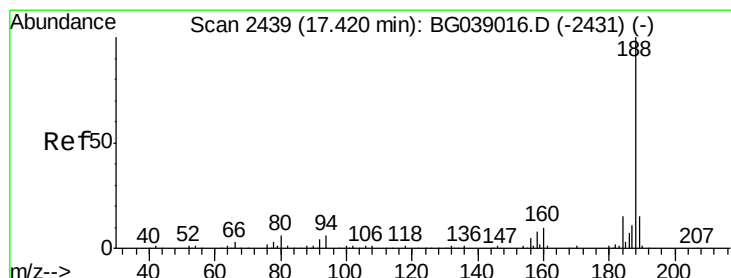
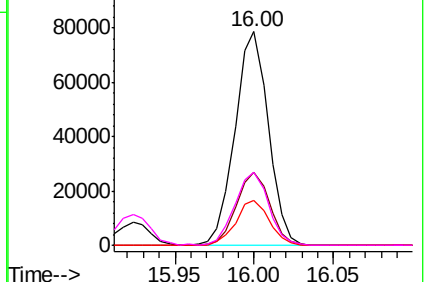
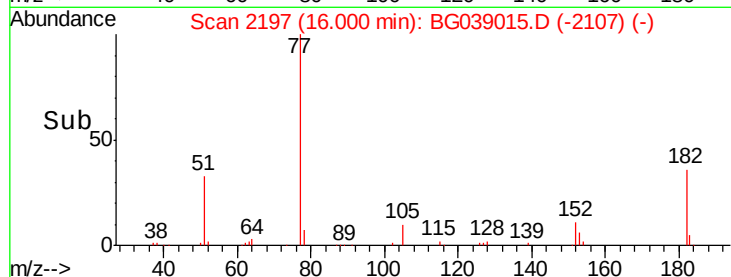


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

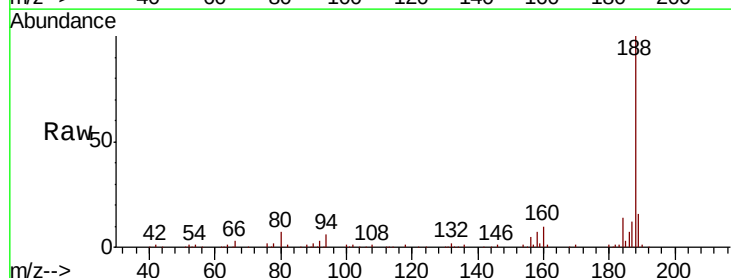
Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Tgt Ion: 188 Resp: 171462

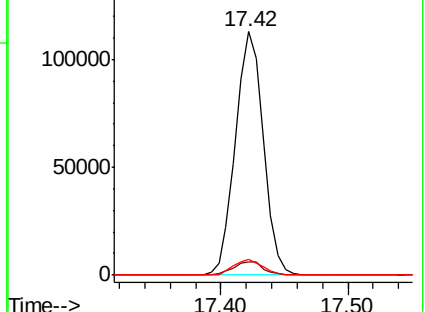
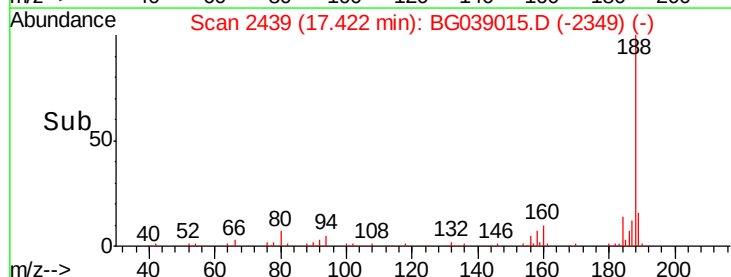
Ion	Ratio	Lower	Upper
188	100		
94	5.5	5.0	7.4
80	6.6	4.7	7.1

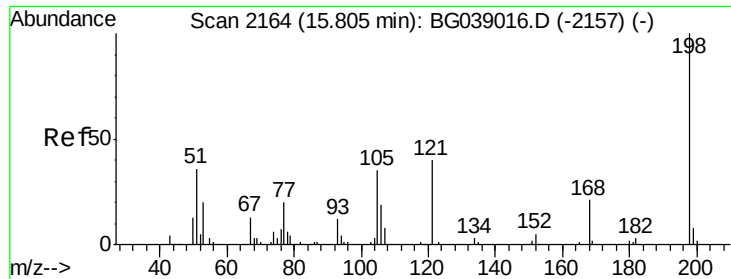


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

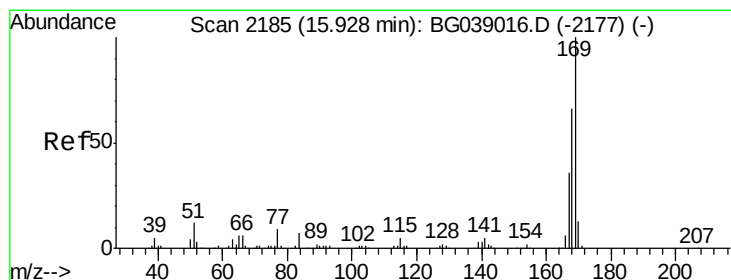
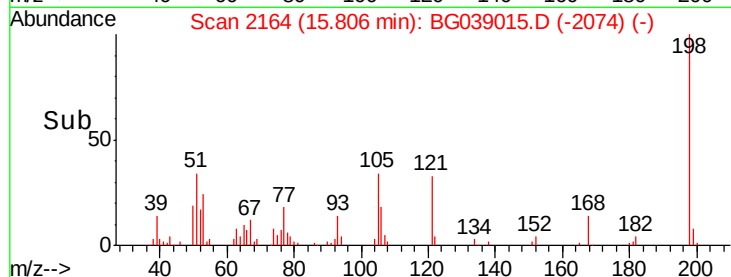
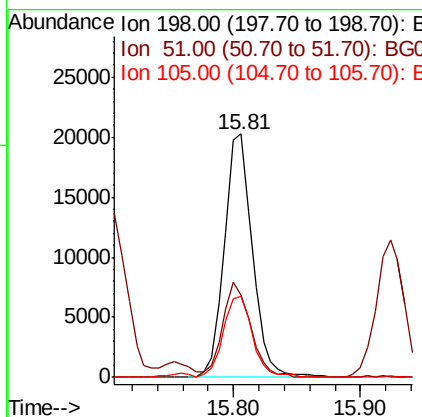
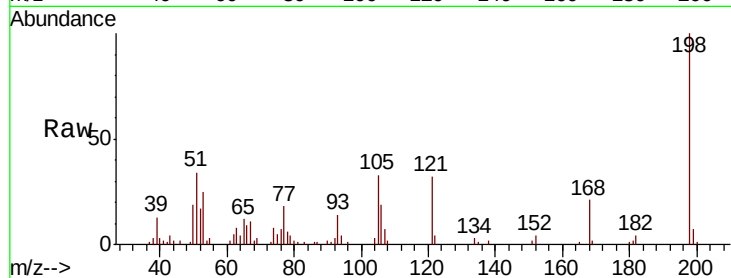




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.364 ng
 RT: 15.81 min Scan# 2164
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

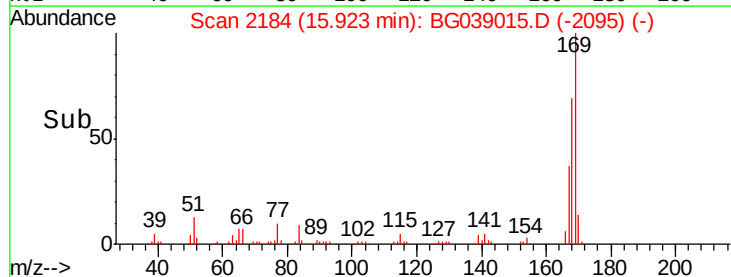
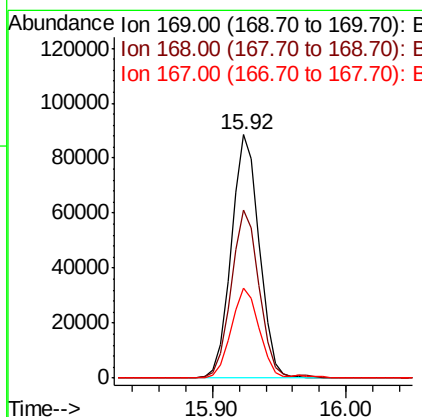
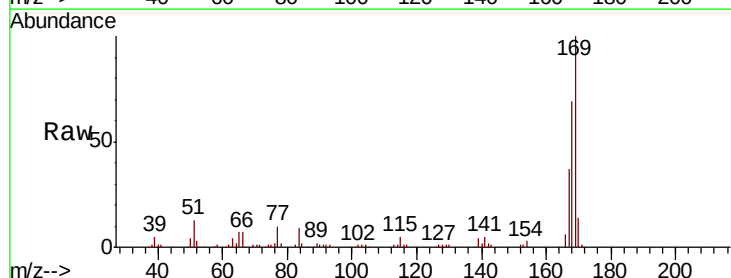
Instrument :
 BNA_G
 ClientSampled :

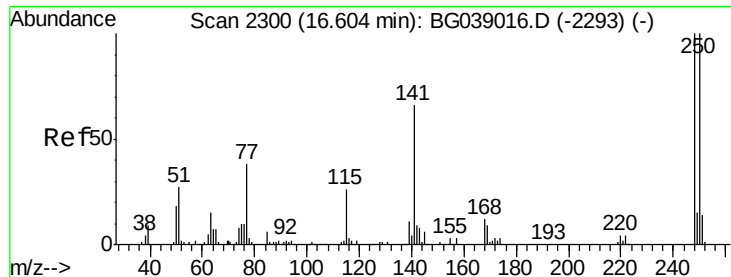
Tot Ion:198 Resp: 31023
 Ion Ratio Lower Upper
 198 100
 51 33.6 20.8 60.8
 105 33.4 16.1 56.1



#66
 n-Nitrosodiphenylamine
 Concen: 25.534 ng
 RT: 15.92 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:169 Resp: 128641
 Ion Ratio Lower Upper
 169 100
 168 68.9 53.2 79.8
 167 37.1 29.1 43.7

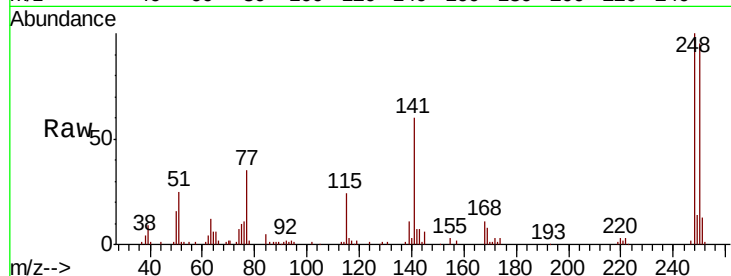




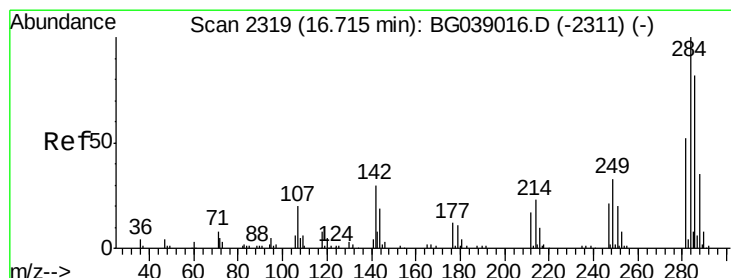
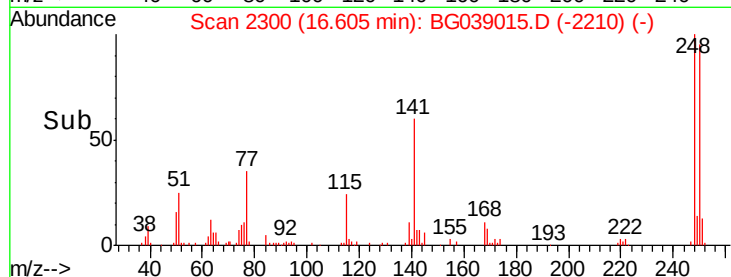
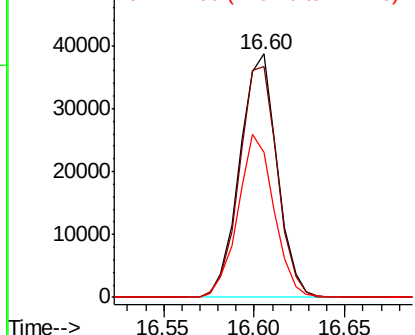
#67
 4-Bromophenyl-phenylether
 Concen: 26.406 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 55296
 Ion Ratio Lower Upper
 248 100
 250 94.9 79.9 119.9
 141 59.6 52.7 79.1

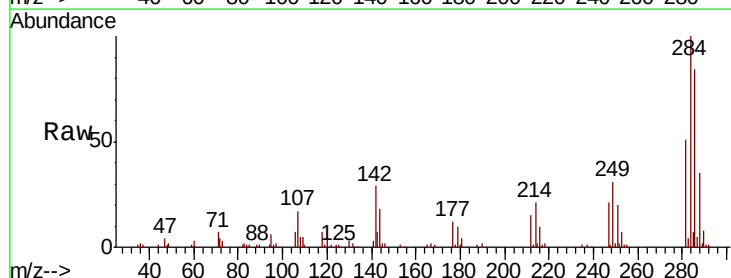


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

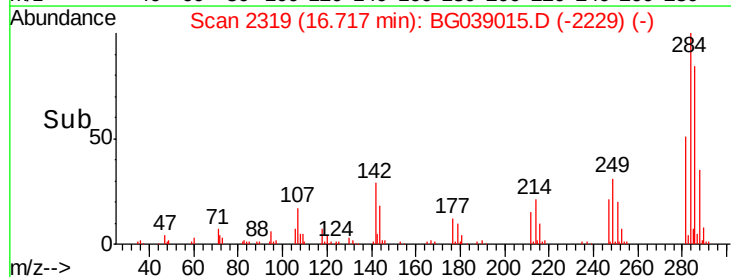
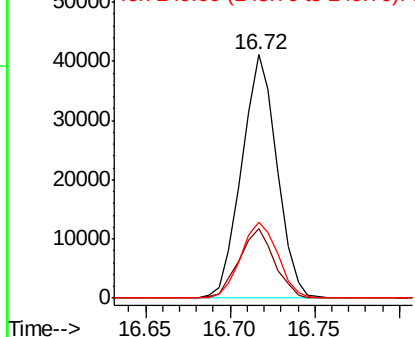


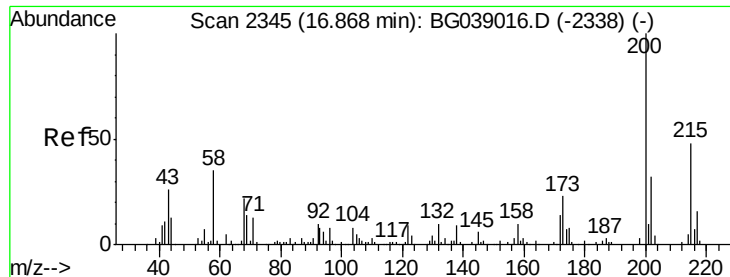
#68
 Hexachlorobenzene
 Concen: 27.543 ng
 RT: 16.72 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion:284 Resp: 59788
 Ion Ratio Lower Upper
 284 100
 142 28.5 24.3 36.5
 249 33.5 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: 29.707 ng

RT: 16.87 min Scan# 2345

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

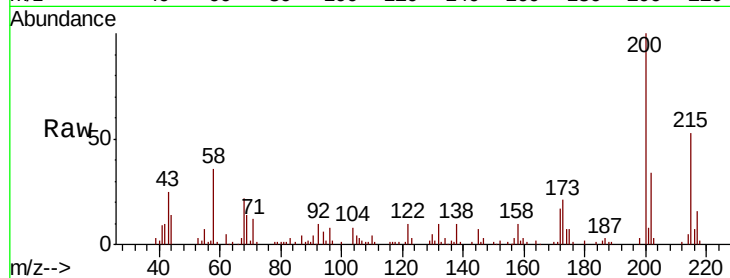
Tot Ion:200 Resp: 55542

Ion Ratio Lower Upper

200 100

173 21.3 2.6 42.6

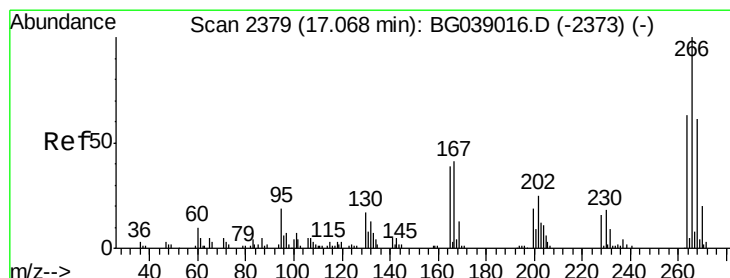
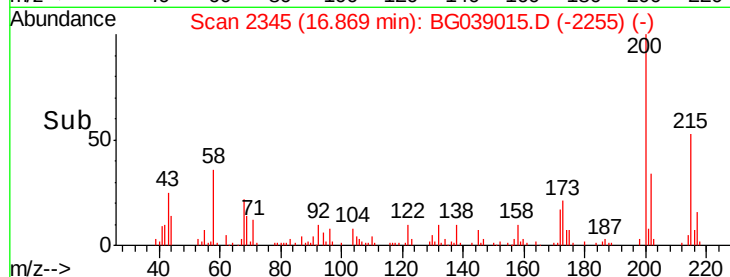
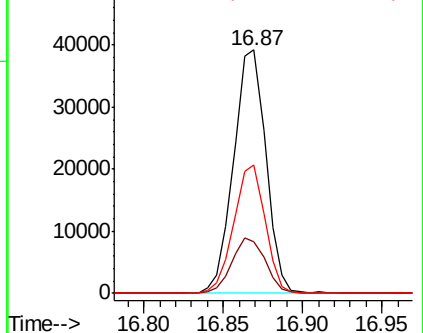
215 52.7 28.0 68.0



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: 22.971 ng

RT: 17.07 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

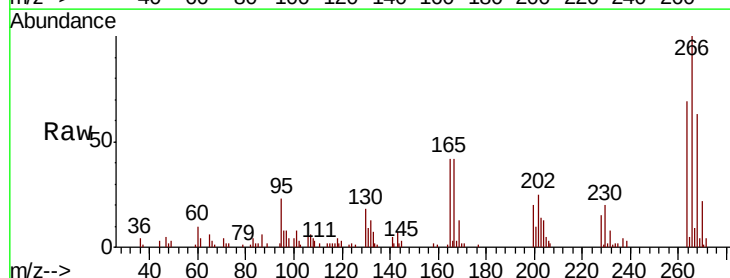
Tgt Ion:266 Resp: 29494

Ion Ratio Lower Upper

266 100

268 67.3 52.0 78.0

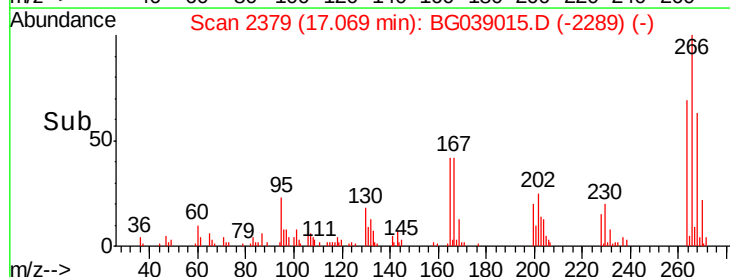
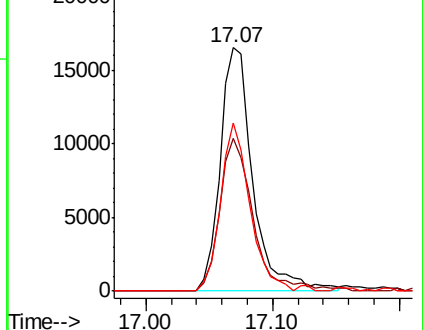
264 74.2 54.6 81.8

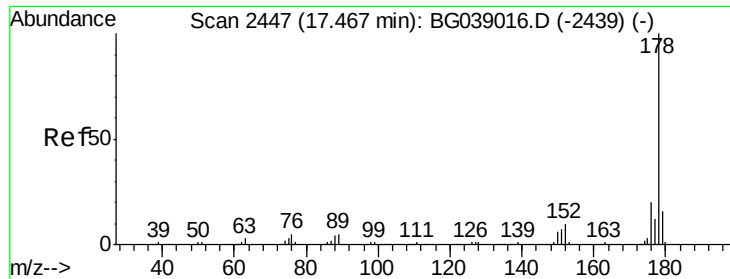


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 25.773 ng

RT: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

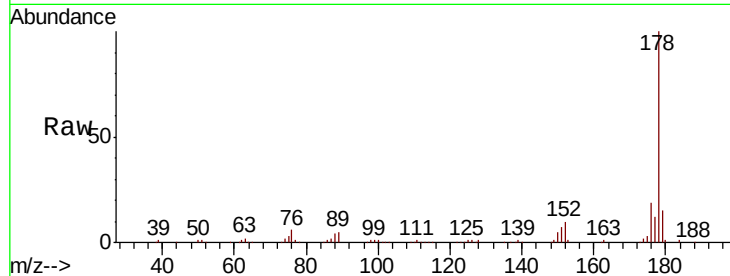
Tot Ion:178 Resp: 229161

Ion Ratio Lower Upper

178 100

176 18.9 15.7 23.5

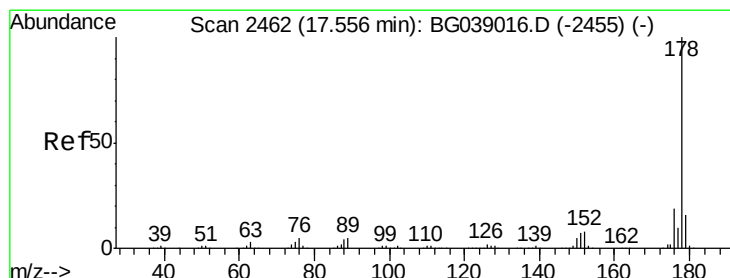
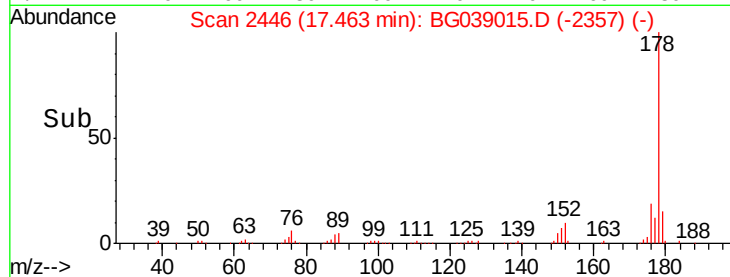
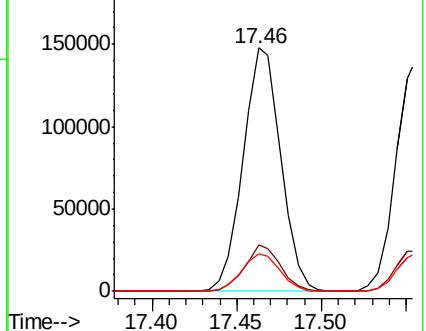
179 15.3 12.9 19.3



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: 25.956 ng

RT: 17.56 min Scan# 2462

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

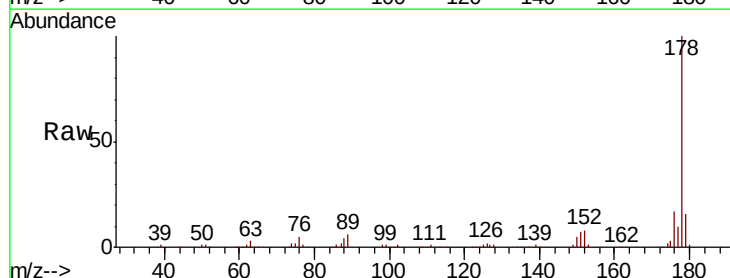
Tgt Ion:178 Resp: 227835

Ion Ratio Lower Upper

178 100

176 17.2 14.9 22.3

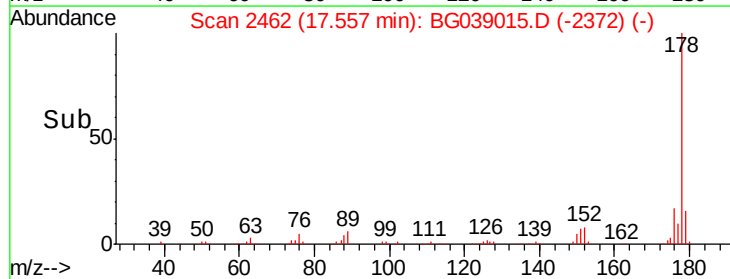
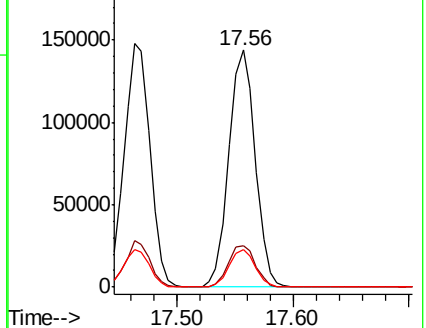
179 15.7 13.0 19.4

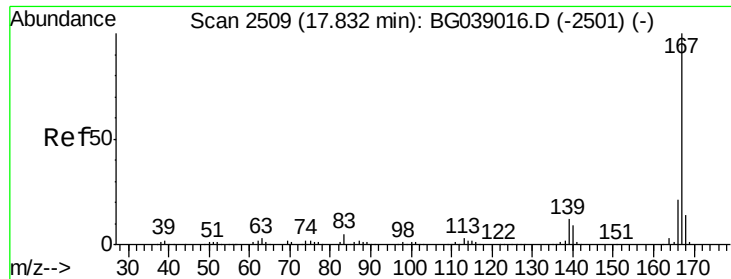


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

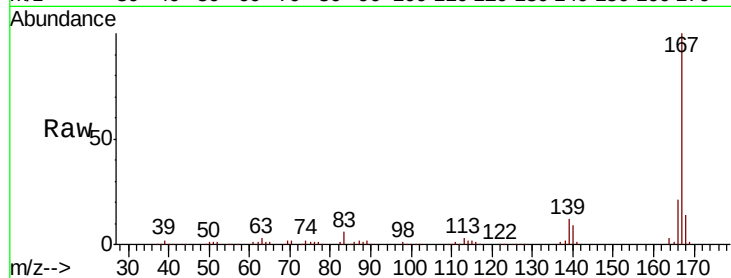




#73
 Carbazole
 Concen: 26.178 ng
 RT: 17.83 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	12.1	10.0	15.0

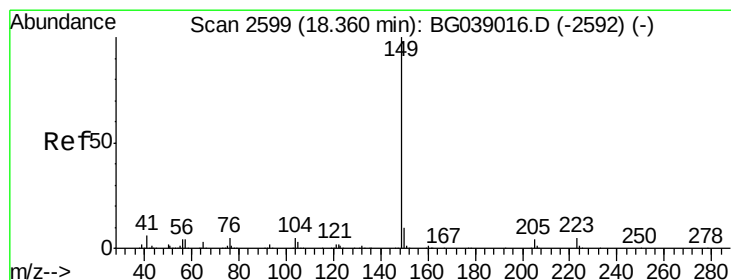
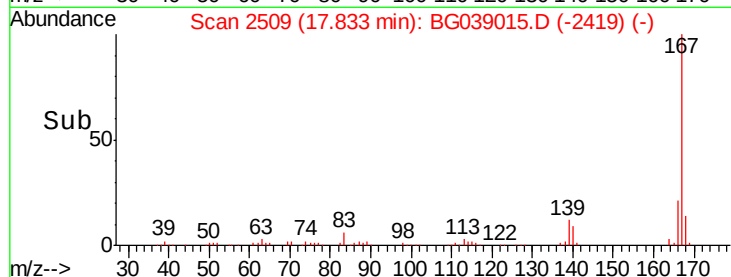
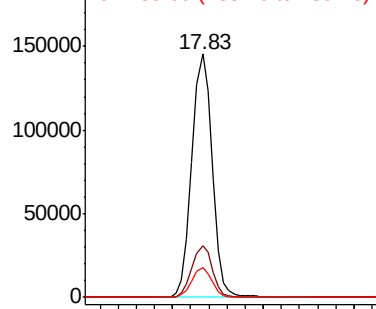


Abundance

Ion 167.00 (166.70 to 167.70): E

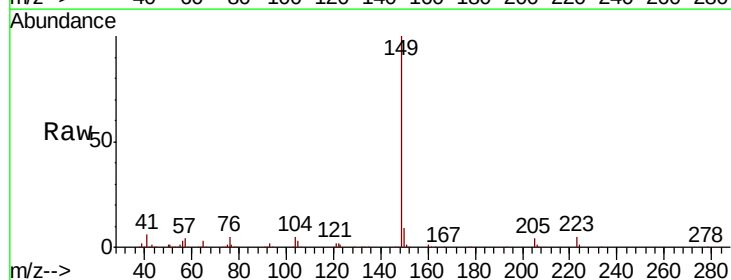
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 24.952 ng
 RT: 18.36 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: BG039015.D
 Acq: 9 Jan 2019 11:00

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.9	11.9
104	5.1	4.2	6.2

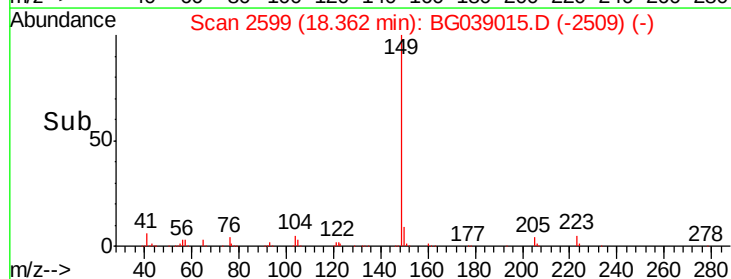
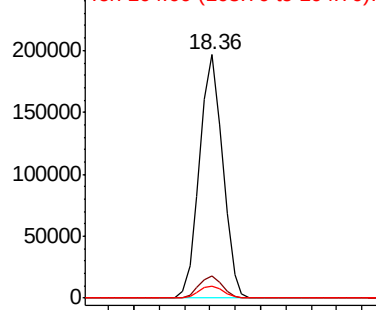


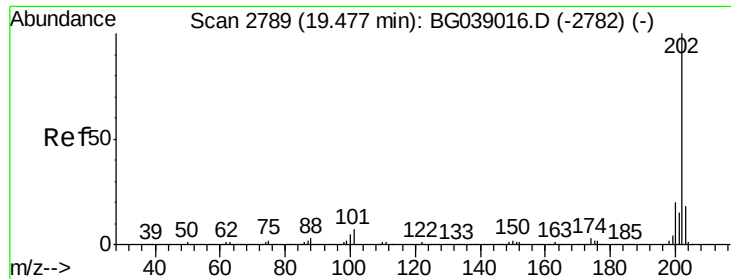
Abundance

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: 26.043 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

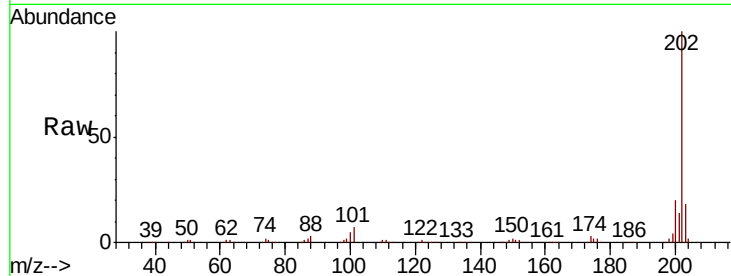
Tot Ion:202 Resp: 286503

Ion Ratio Lower Upper

202 100

101 6.6 0.0 26.9

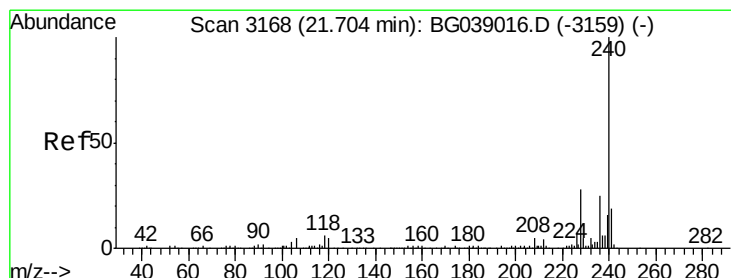
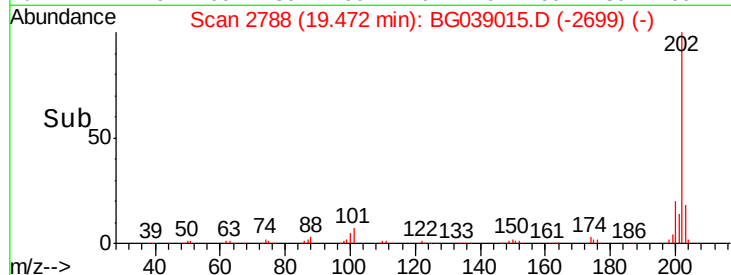
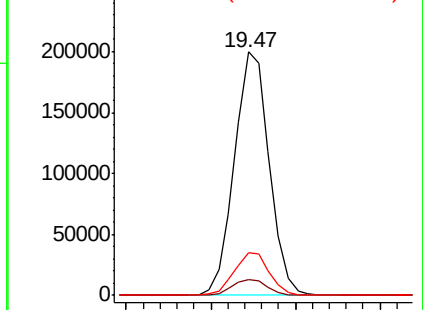
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3168

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

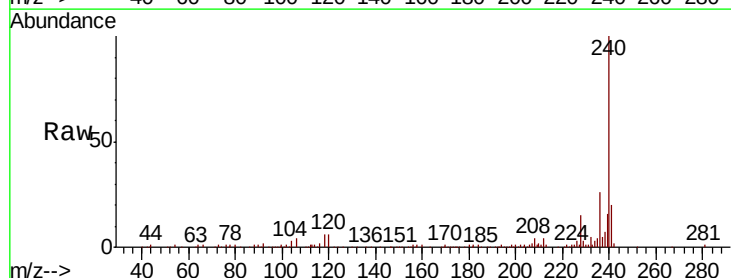
Tgt Ion:240 Resp: 176729

Ion Ratio Lower Upper

240 100

120 6.3 4.3 6.5

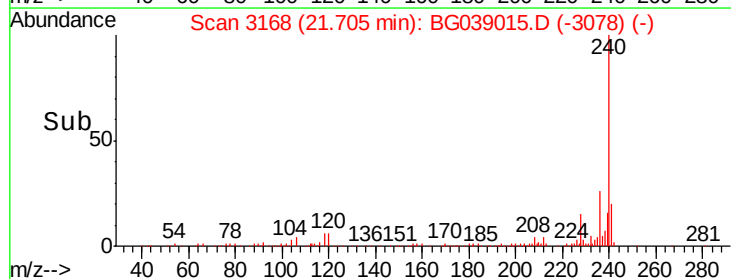
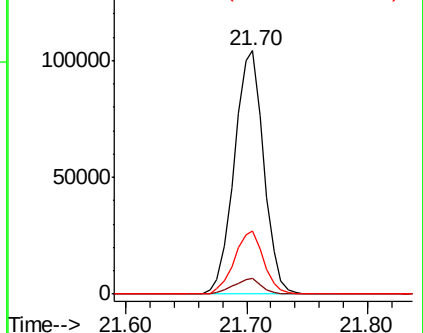
236 26.1 20.1 30.1

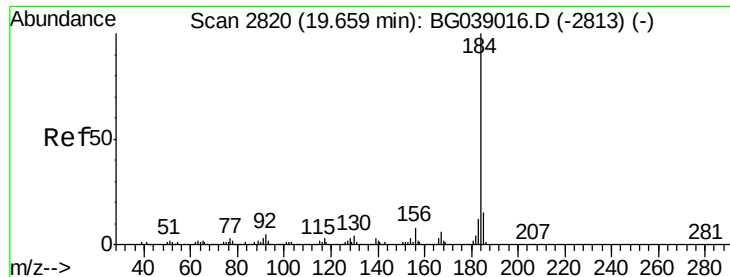


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.125 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

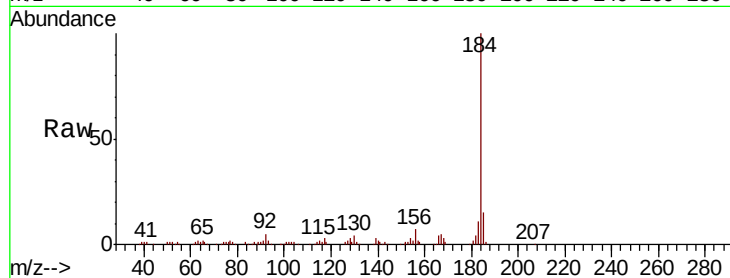
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 141769

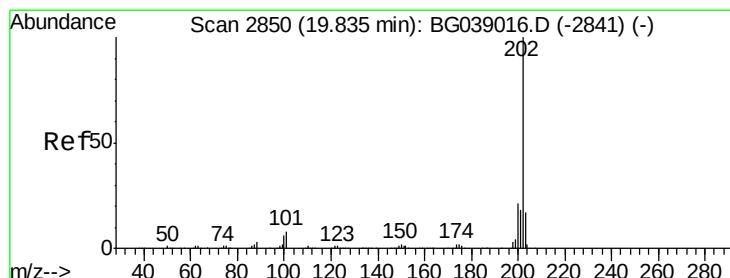
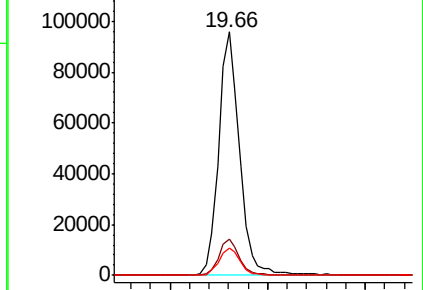
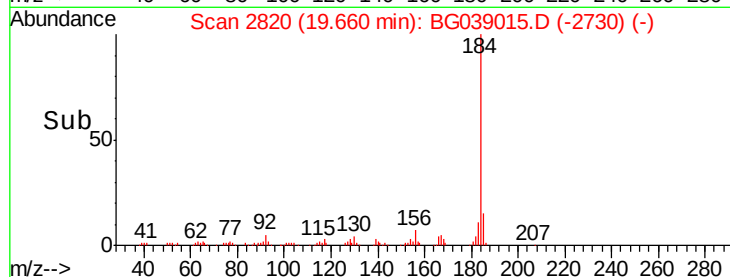
Ion	Ratio	Lower	Upper
184	100		
185	14.7	12.1	18.1
183	11.4	9.5	14.3



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: 25.126 ng

RT: 19.84 min Scan# 2850

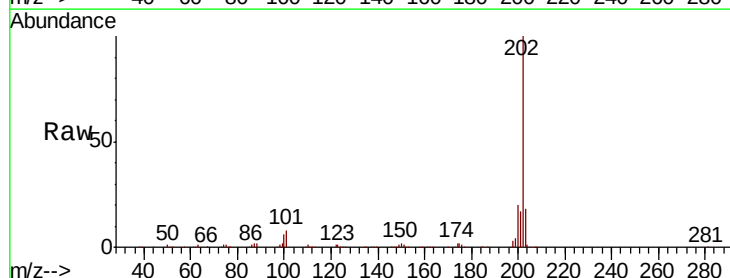
Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Tgt Ion:202 Resp: 293357

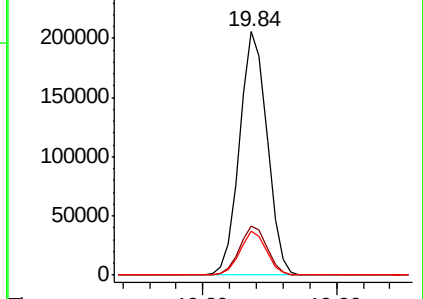
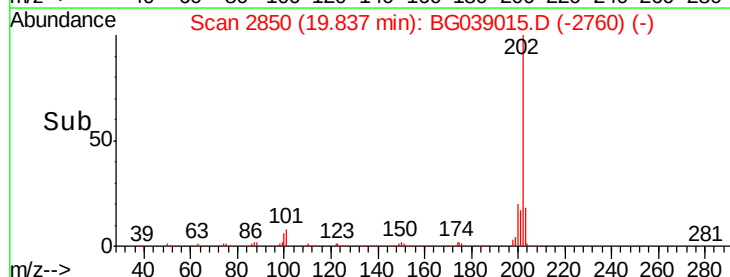
Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.0	25.6
203	18.0	14.0	21.0

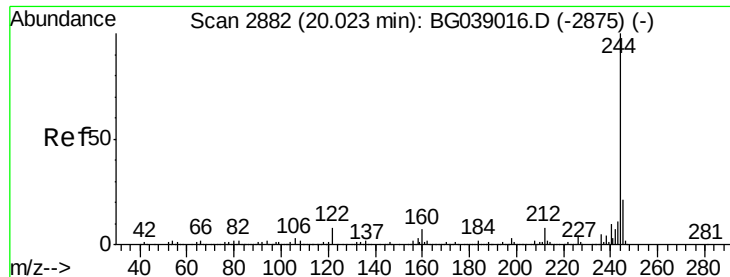


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 60.991 ng

RT: 20.02 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampled :

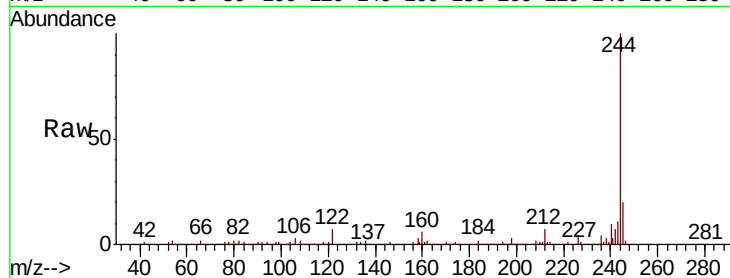
Tot Ion:244 Resp: 495278

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

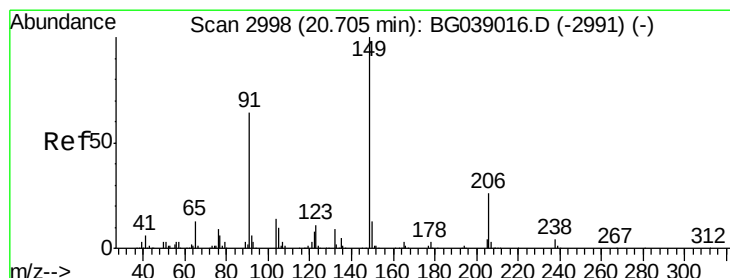
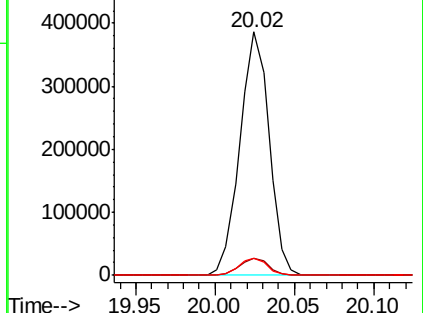
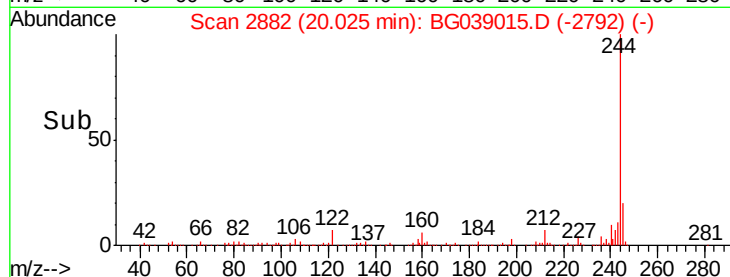
122 6.8 6.1 9.1



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: 23.523 ng

RT: 20.71 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

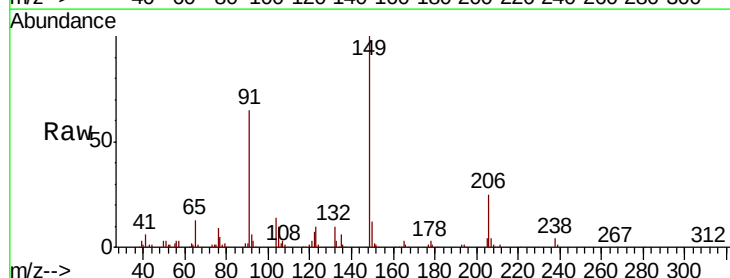
Tgt Ion:149 Resp: 107295

Ion Ratio Lower Upper

149 100

91 65.2 51.4 77.0

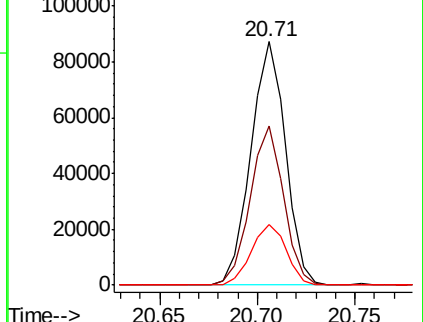
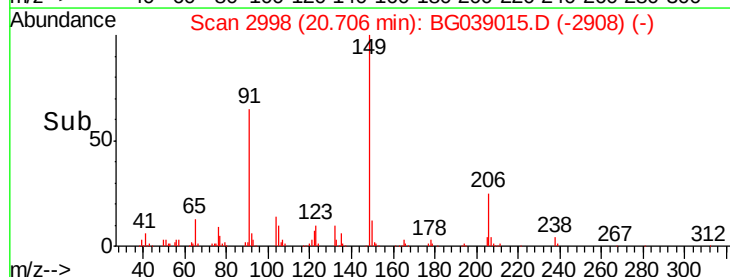
206 24.7 20.4 30.6

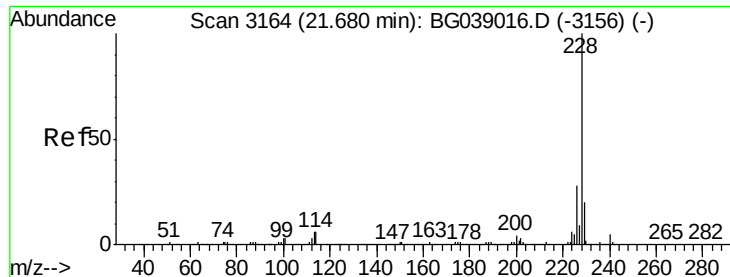


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 25.552 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

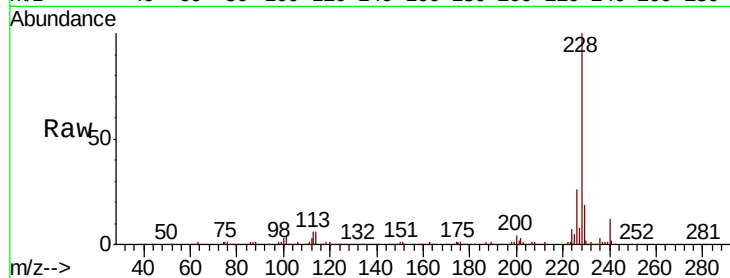
Tot Ion:228 Resp: 275169

Ion	Ratio	Lower	Upper
228	100		
226	26.4	22.4	33.6
229	19.2	16.2	24.2

228 100

226 26.4 22.4 33.6

229 19.2 16.2 24.2

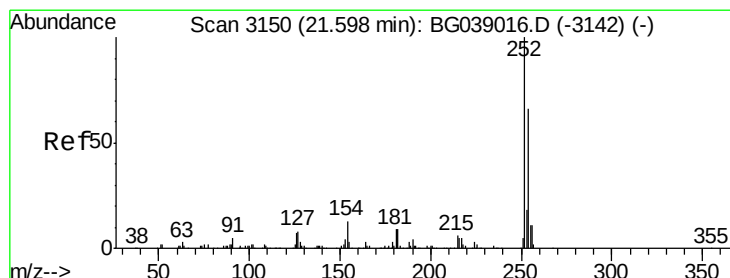
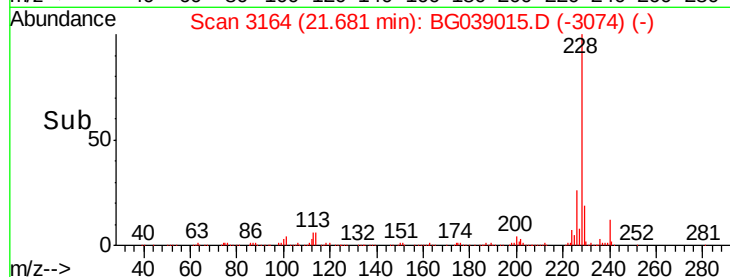
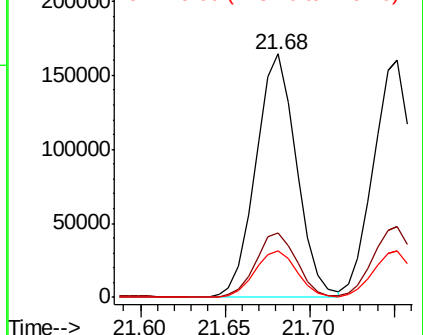


Abundance

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: 26.676 ng

RT: 21.60 min Scan# 3150

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

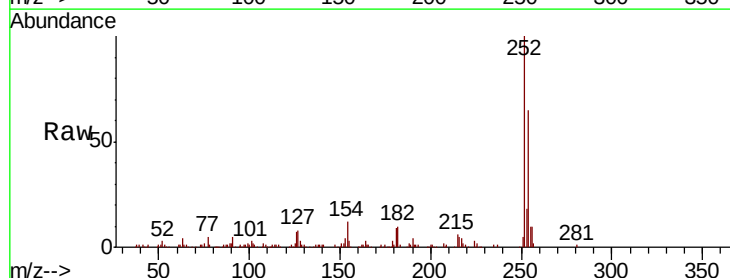
Tgt Ion:252 Resp: 113935

Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.6
126	7.1	6.0	9.0

252 100

254 64.7 53.0 79.6

126 7.1 6.0 9.0

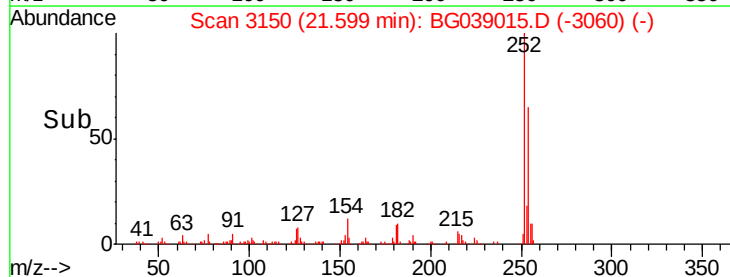
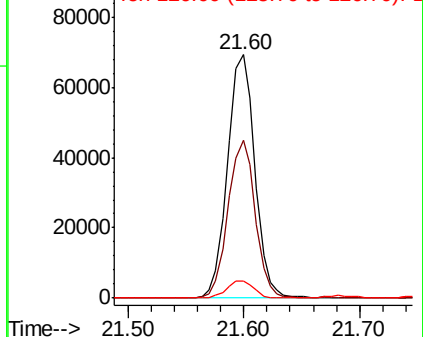


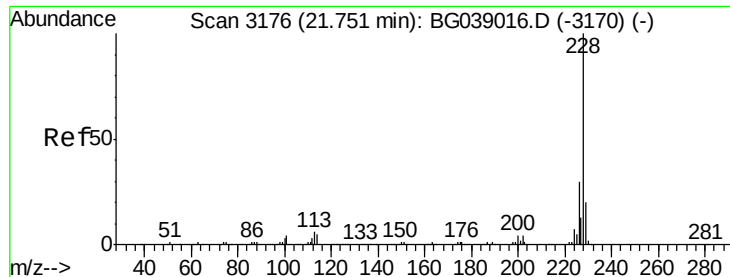
Abundance

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: 25.102 ng

RT: 21.75 min Scan# 3176

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

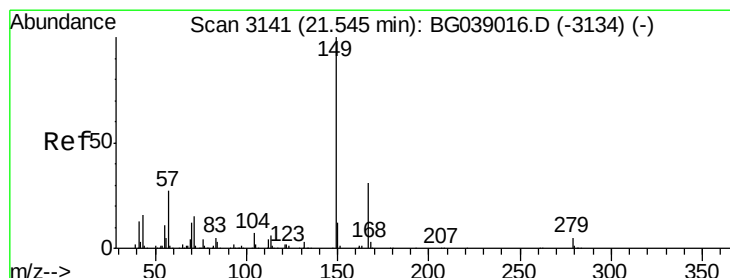
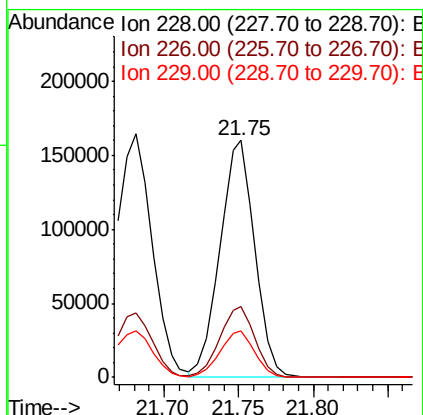
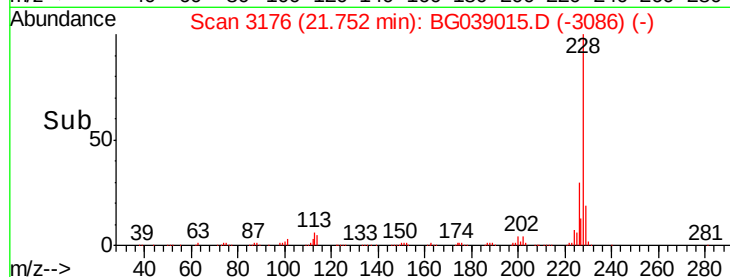
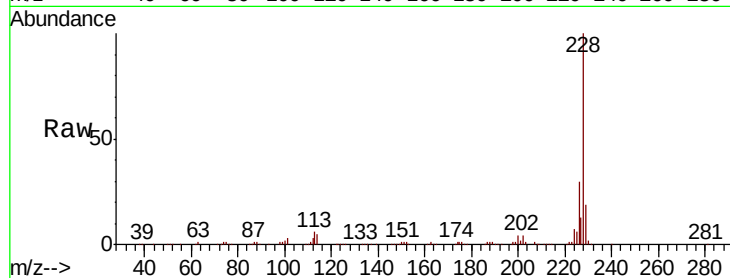
Tot Ion:228 Resp: 260370

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.4 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.422 ng

RT: 21.55 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

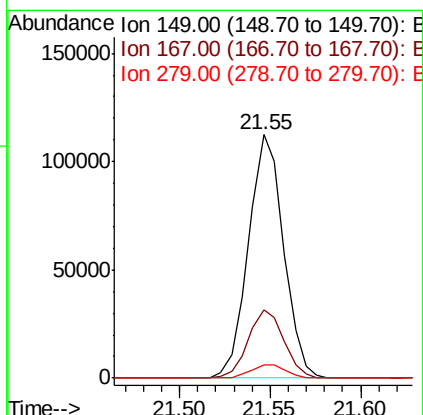
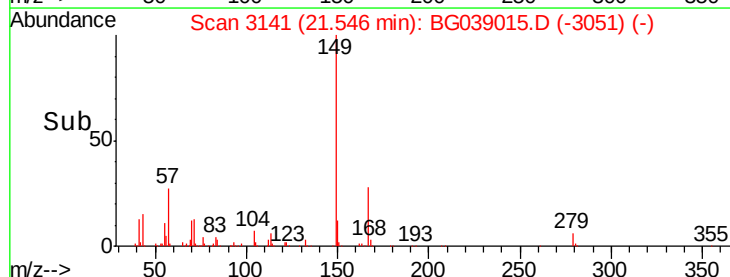
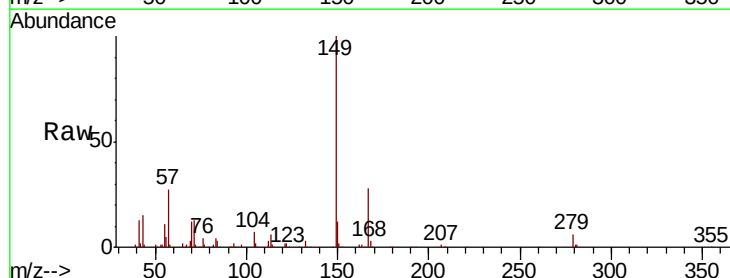
Tgt Ion:149 Resp: 151522

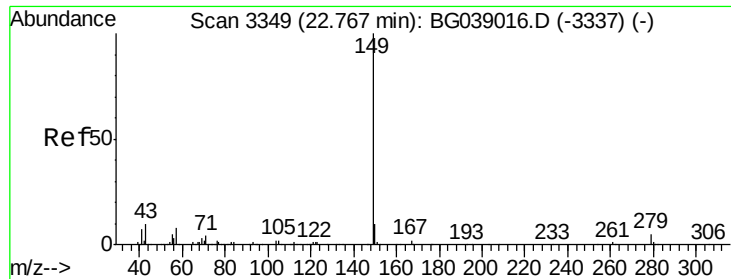
Ion Ratio Lower Upper

149 100

167 28.0 25.0 37.4

279 5.5 4.3 6.5

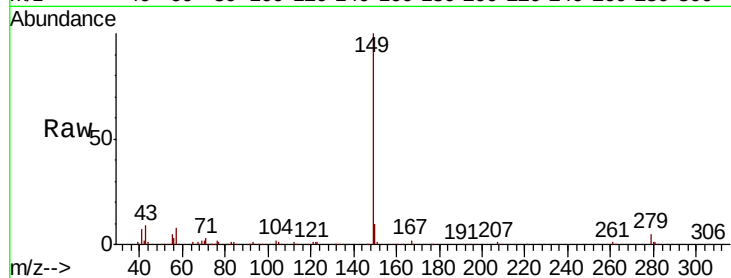




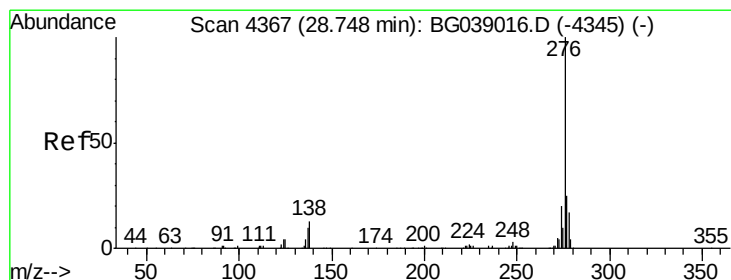
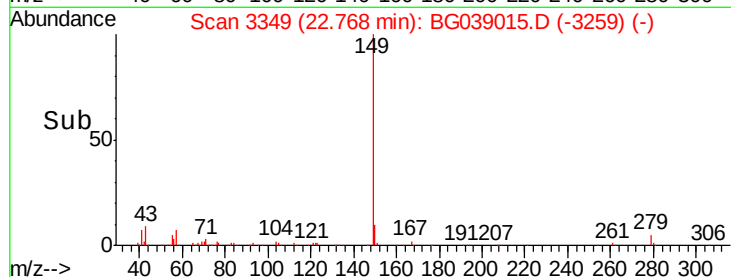
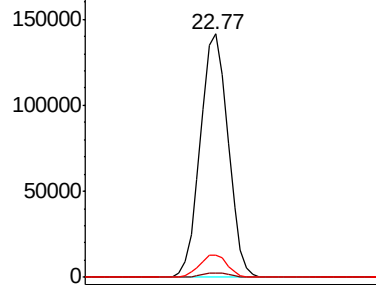
#85
Di-n-octyl phthalate
Concen: 23.722 ng
RT: 22.77 min Scan# 3349
Delta R.T. 0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.3	1.9
43	9.4	7.5	11.3

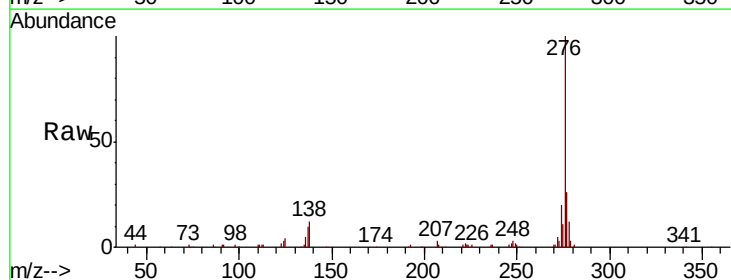


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

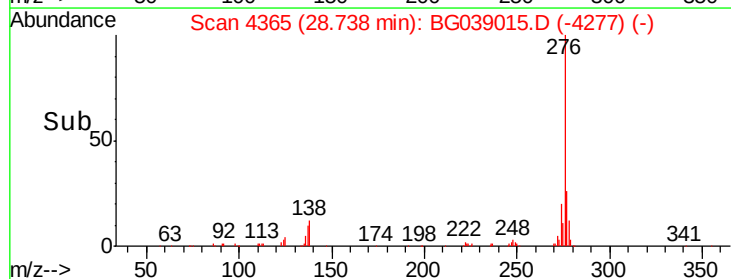
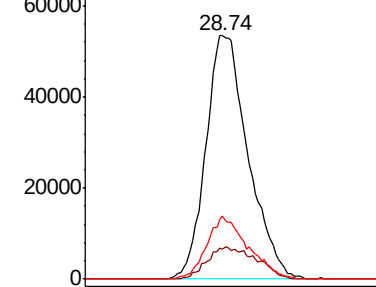


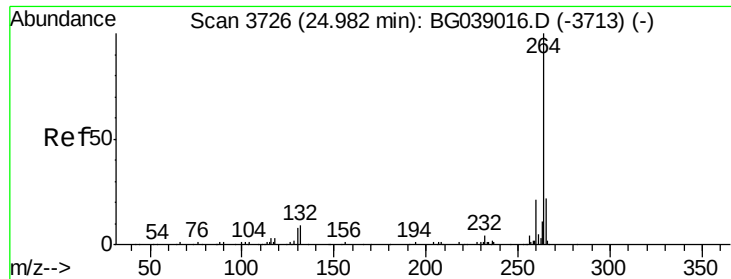
#86
Indeno(1,2,3-cd)pyrene
Concen: 25.371 ng
RT: 28.74 min Scan# 4365
Delta R.T. -0.01 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	8.0	12.0#
277	25.2	20.3	30.5



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.98 min Scan# 3726

Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

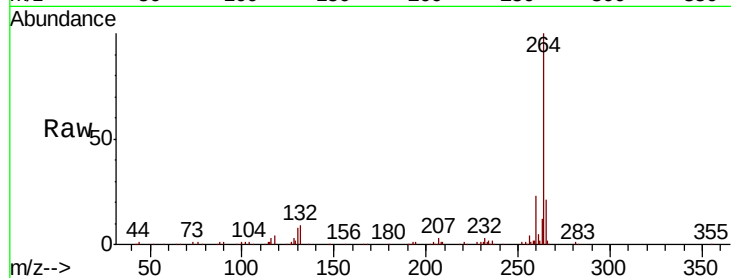
Instrument :

BNA_G

ClientSampleId :

Tot Ion:264 Resp: 194971

Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.0	25.6
265	21.1	17.2	25.8

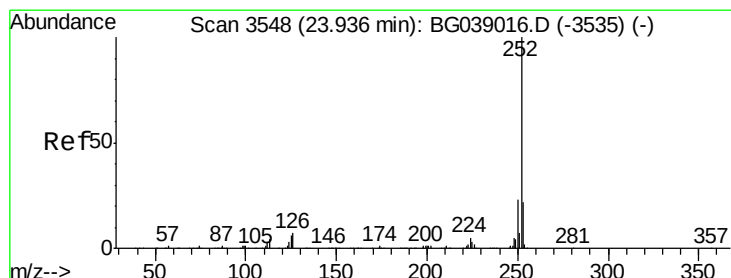
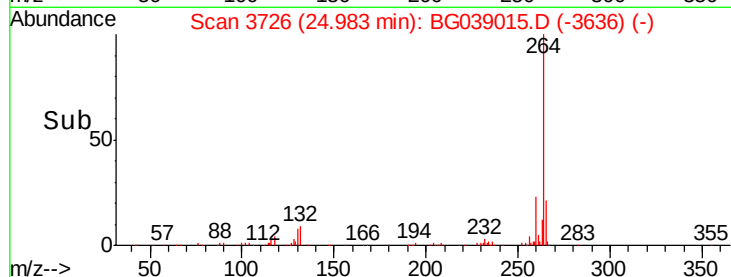
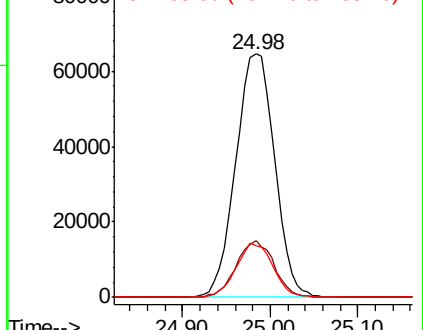


Abundance

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: 25.255 ng

RT: 23.93 min Scan# 3547

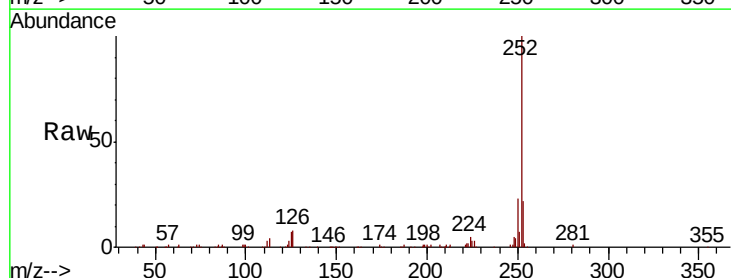
Delta R.T. -0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Tgt Ion:252 Resp: 270348

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	6.7	4.9	7.3

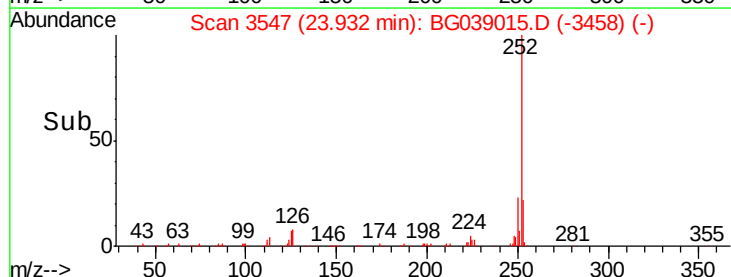
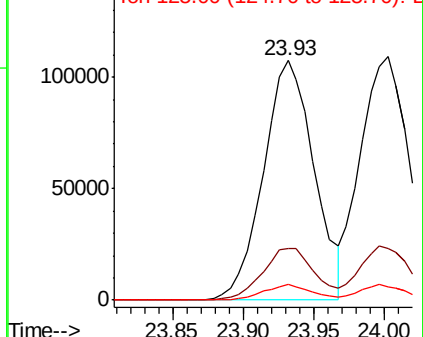


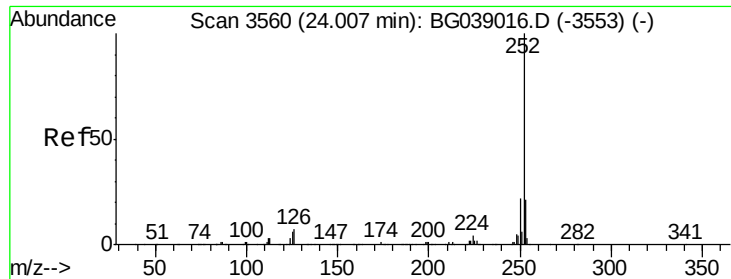
Abundance

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





#89

Benzo(k)fluoranthene

Concen: 24.758 ng

RT: 24.00 min Scan# 3559

Delta R.T. -0.00 min

Lab File: BG039015.D

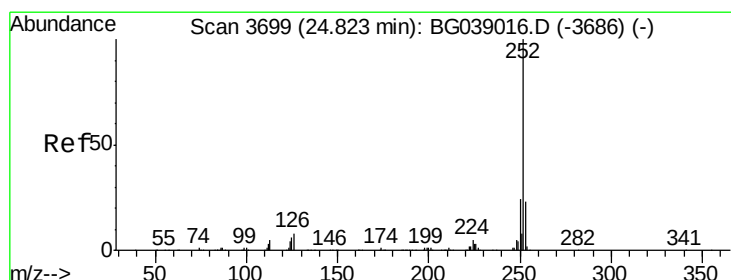
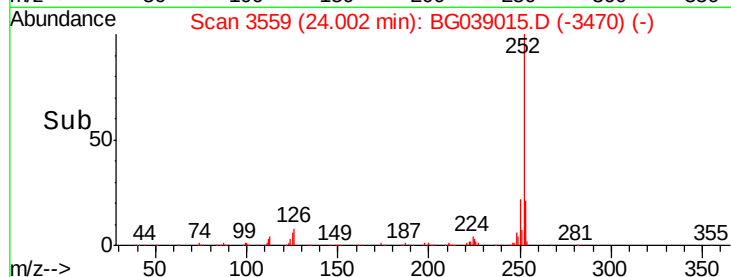
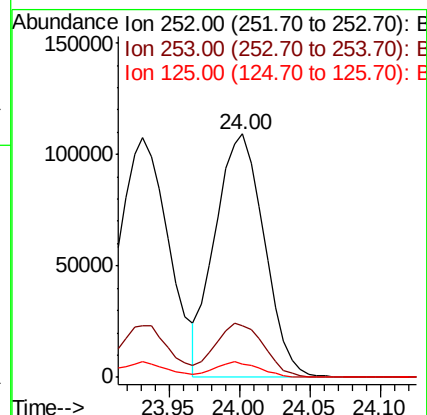
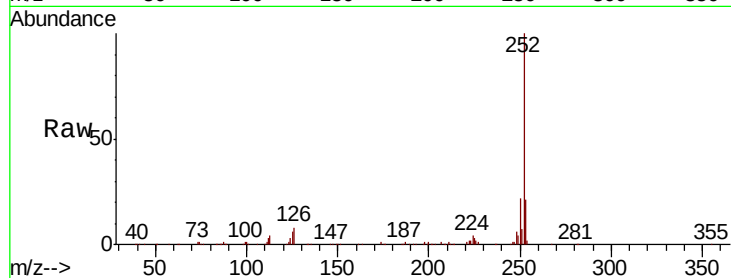
Acq: 9 Jan 2019 11:00

Instrument :

BNA_G

ClientSampleId :

Tot Ion:252	Resp:	263915
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.1 25.7
125	5.6	4.6 7.0



#90

Benzo(a)pyrene

Concen: 25.335 ng

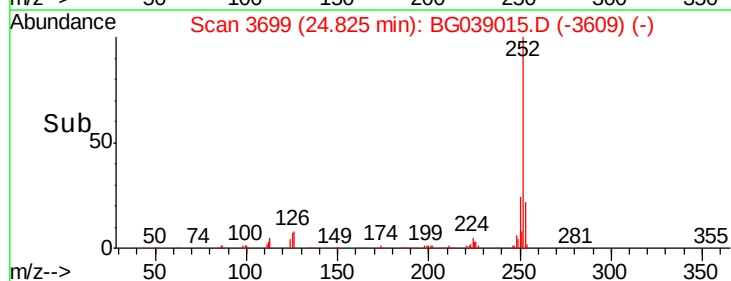
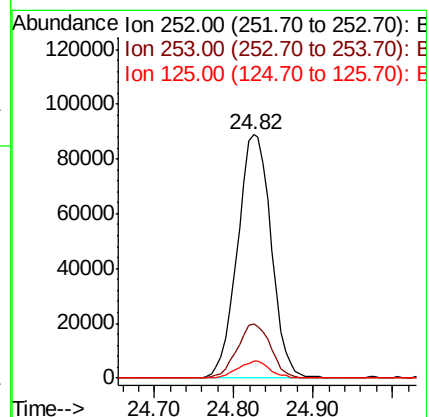
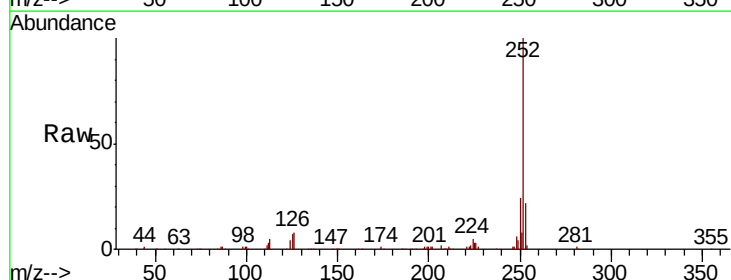
RT: 24.82 min Scan# 3699

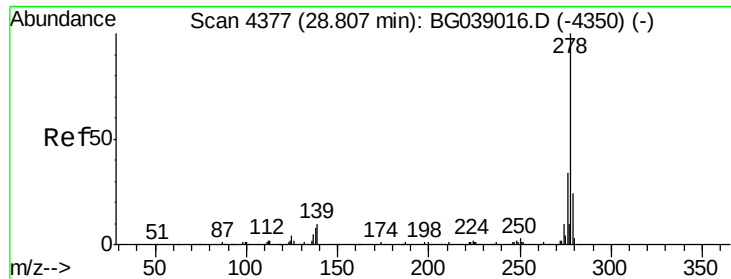
Delta R.T. 0.00 min

Lab File: BG039015.D

Acq: 9 Jan 2019 11:00

Tgt Ion:252	Resp:	261638
Ion Ratio	Lower	Upper
252	100	
253	22.4	18.3 27.5
125	6.9	4.9 7.3

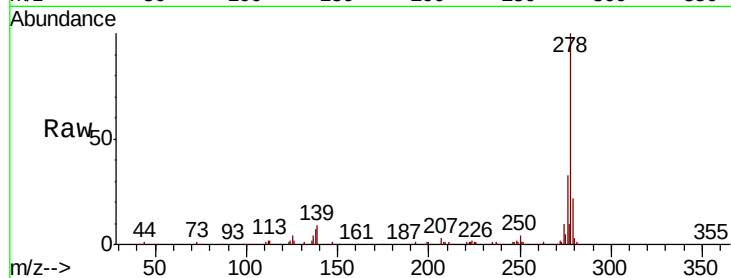




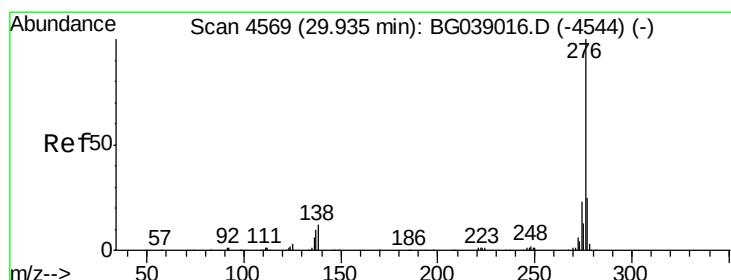
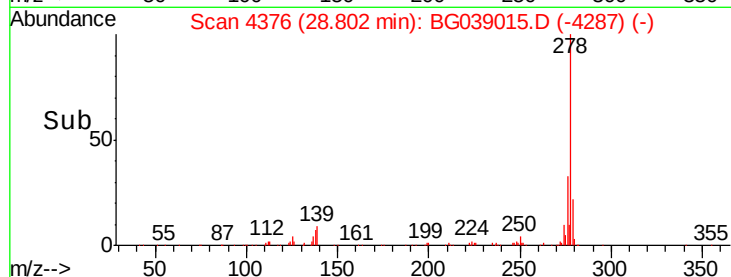
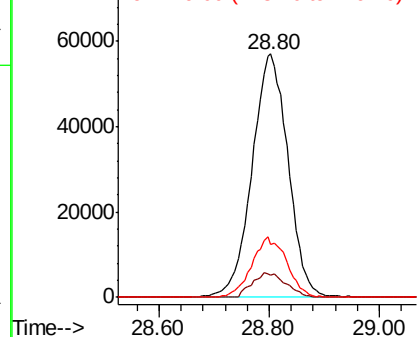
#91
Dibenzo(a,h)anthracene
Concen: 25.054 ng
RT: 28.80 min Scan# 4376
Delta R.T. -0.00 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 257622
Ion Ratio Lower Upper
278 100
139 9.3 7.9 11.9
279 21.6 19.3 28.9

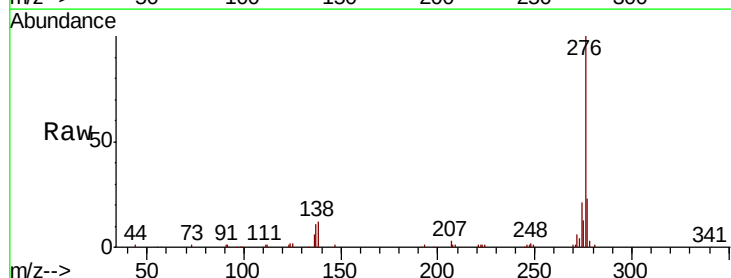


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 25.552 ng
RT: 29.92 min Scan# 4567
Delta R.T. -0.01 min
Lab File: BG039015.D
Acq: 9 Jan 2019 11:00

Tgt Ion:276 Resp: 258928
Ion Ratio Lower Upper
276 100
277 23.4 20.3 30.5
138 12.4 9.4 14.2



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

